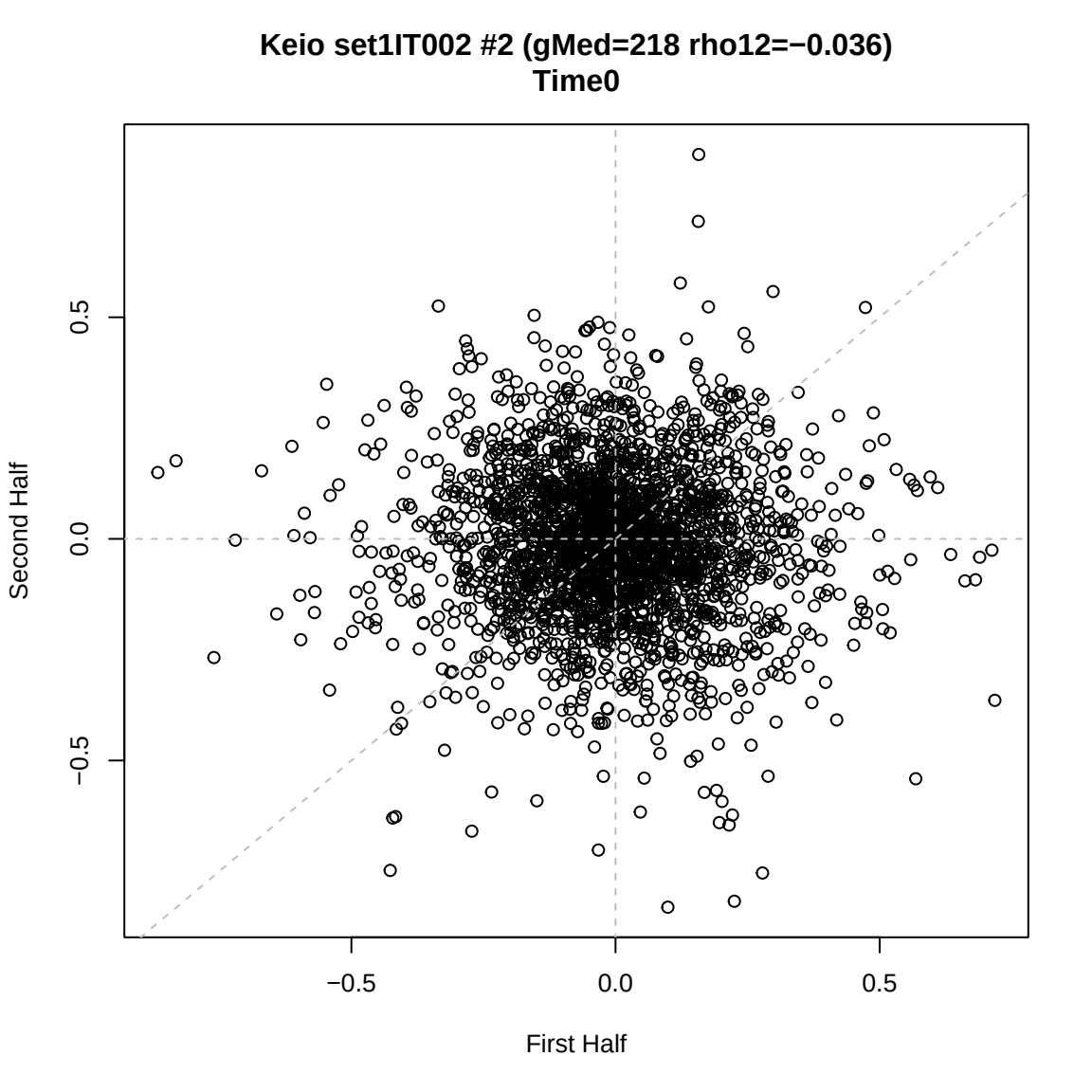
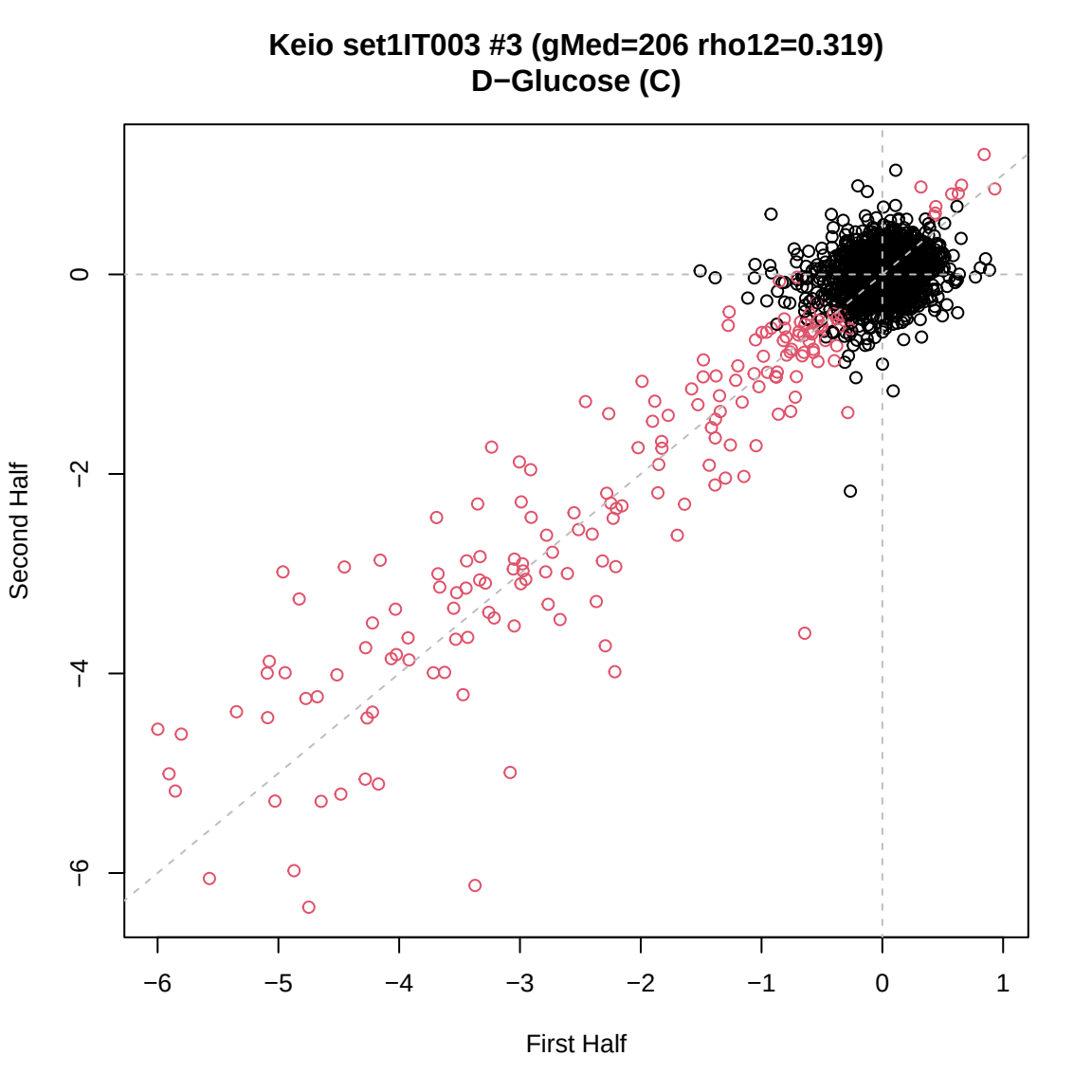
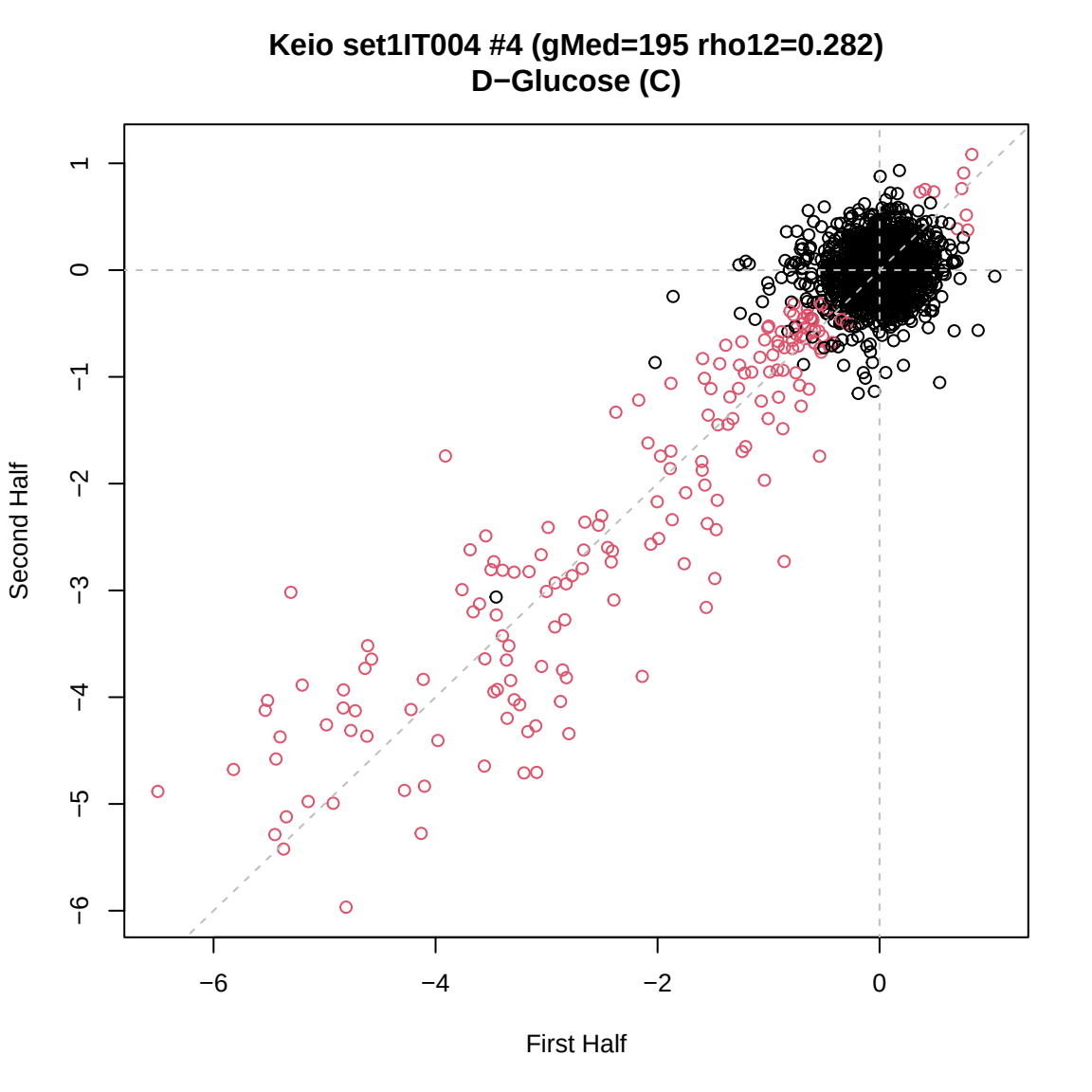
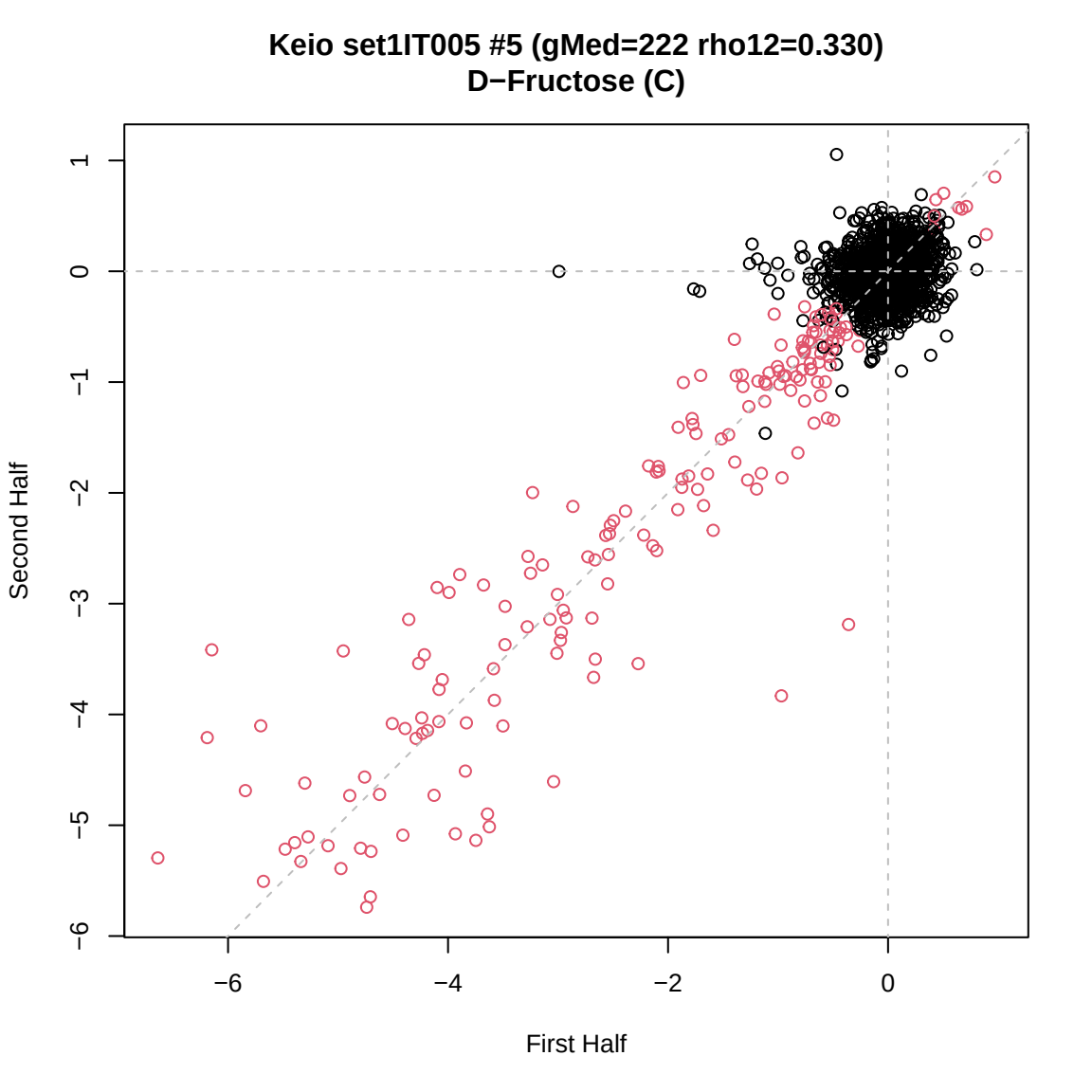
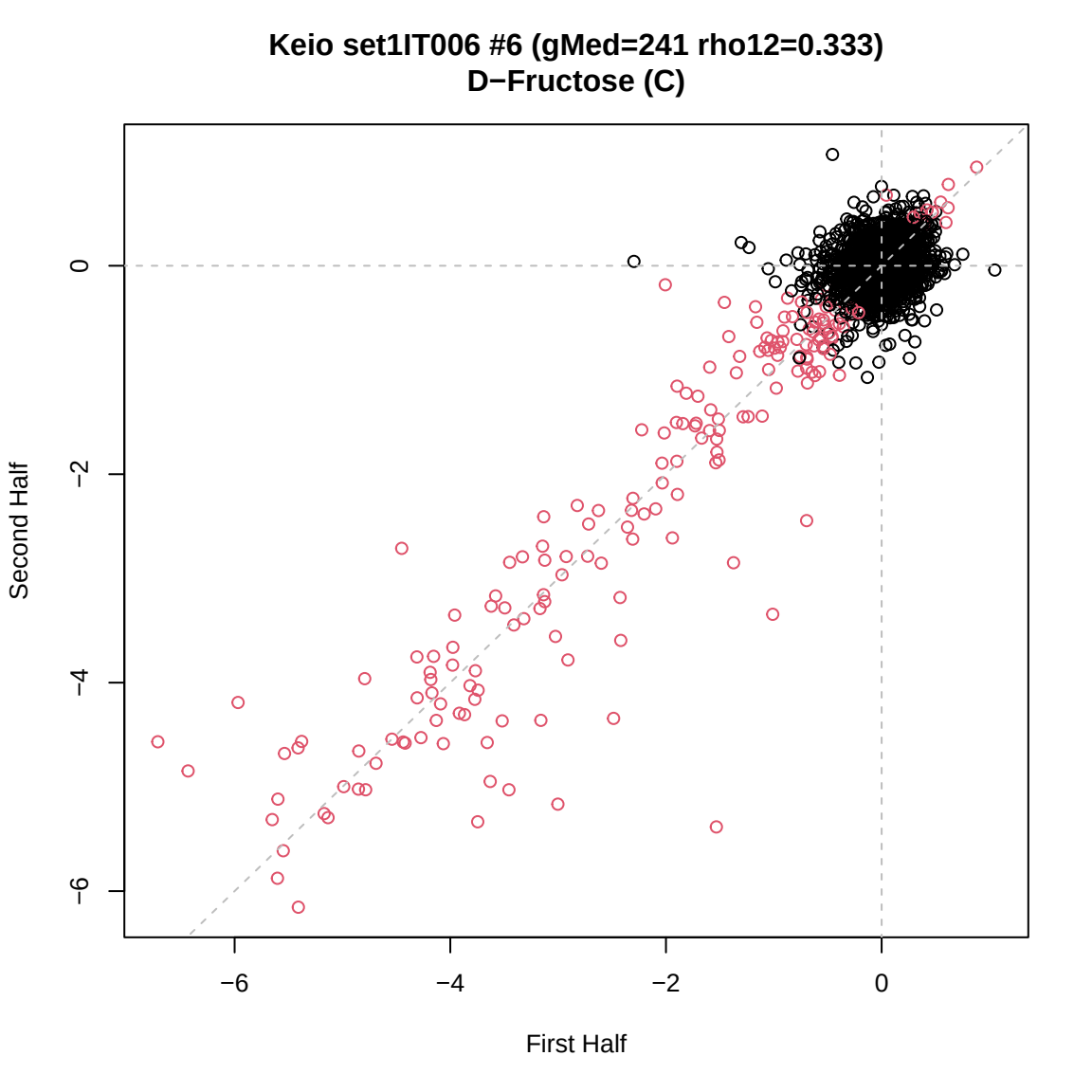
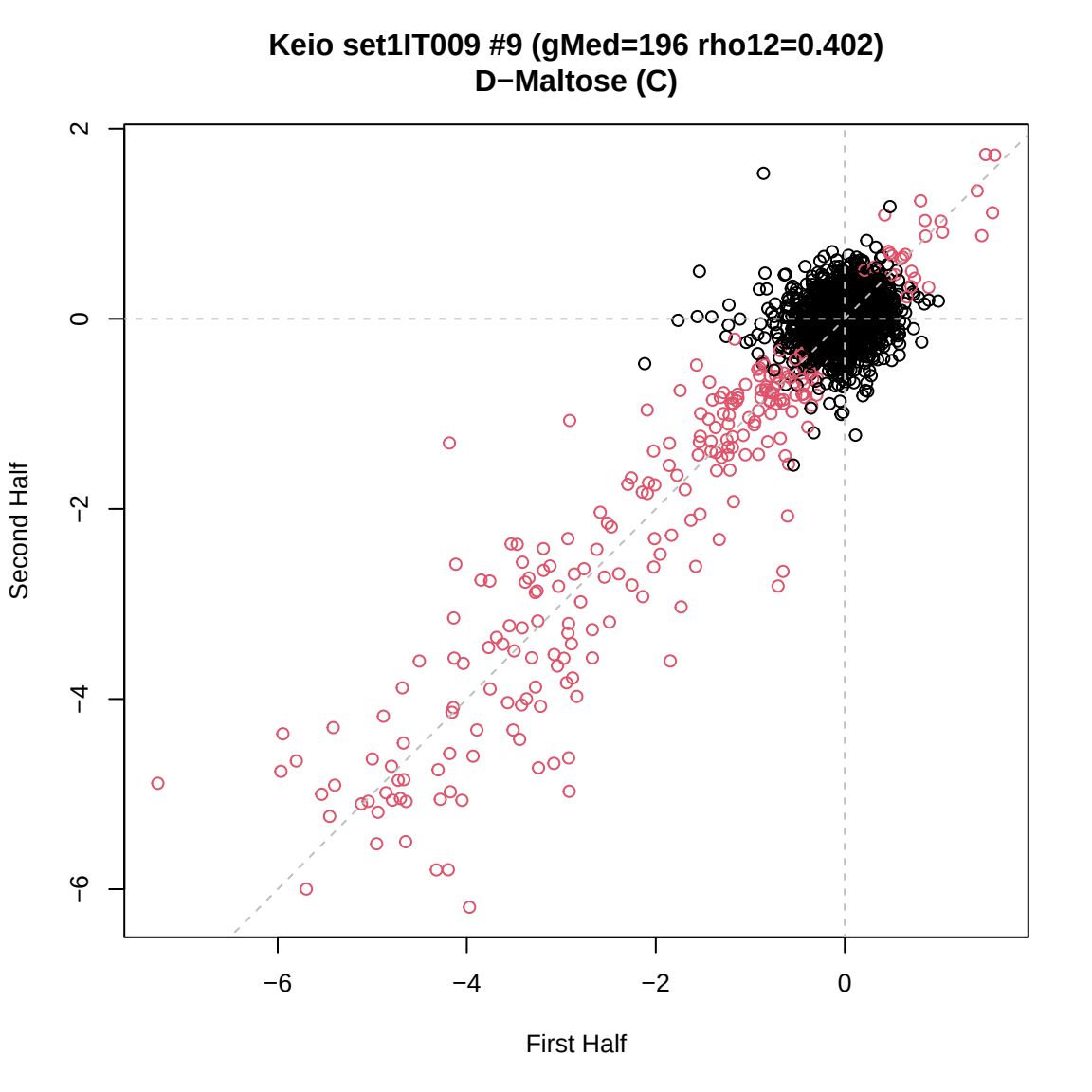

Keio set1IT002 #2 (gMed=218 rho12=−0.036)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.5
0.0
0.5

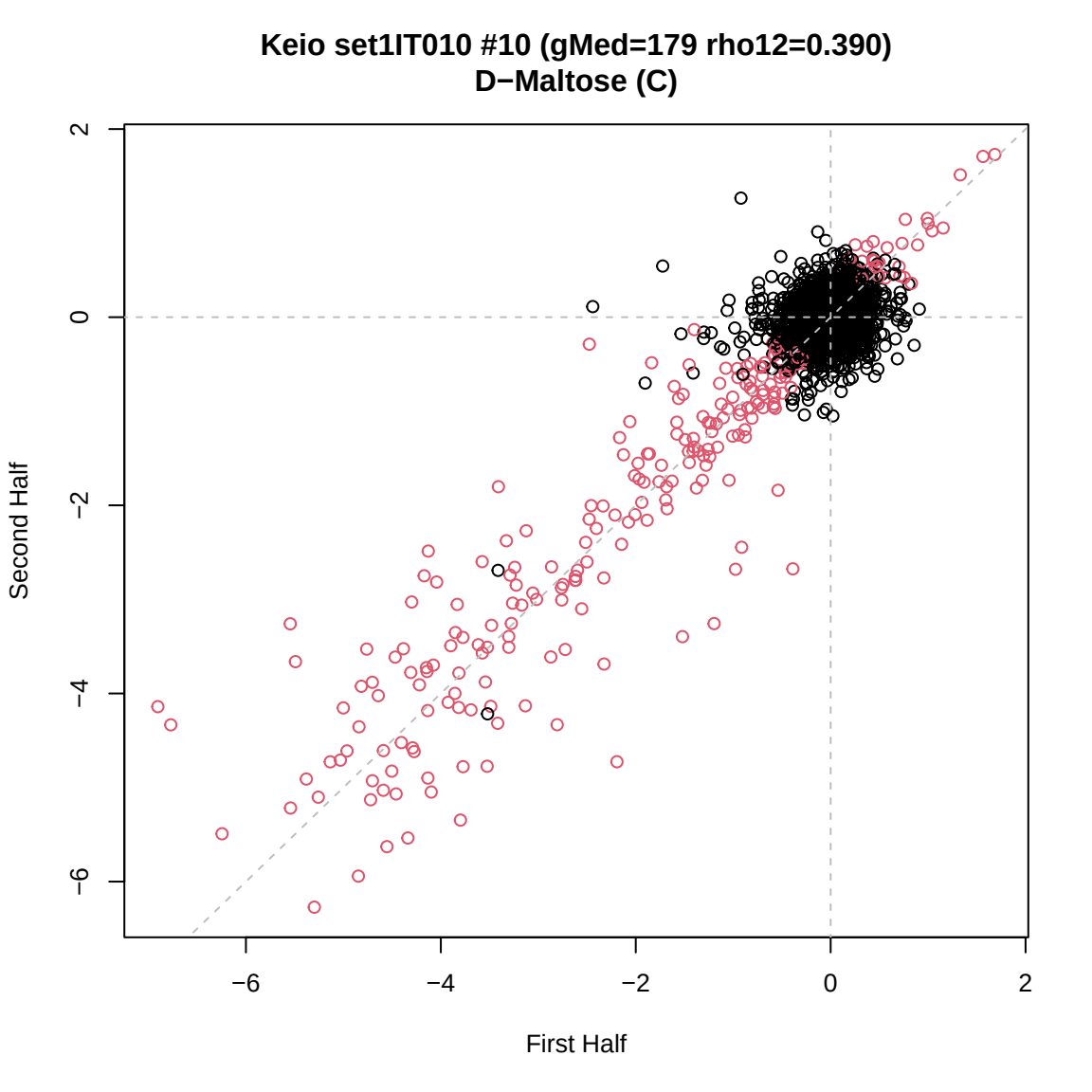

Keio set1IT003 #3 (gMed=206 rho12=0.319)
D−Glucose (C)
Second Half
First Half
0
−2
−4
−6
−6
−5
−4
−3
−2
−1
0
1

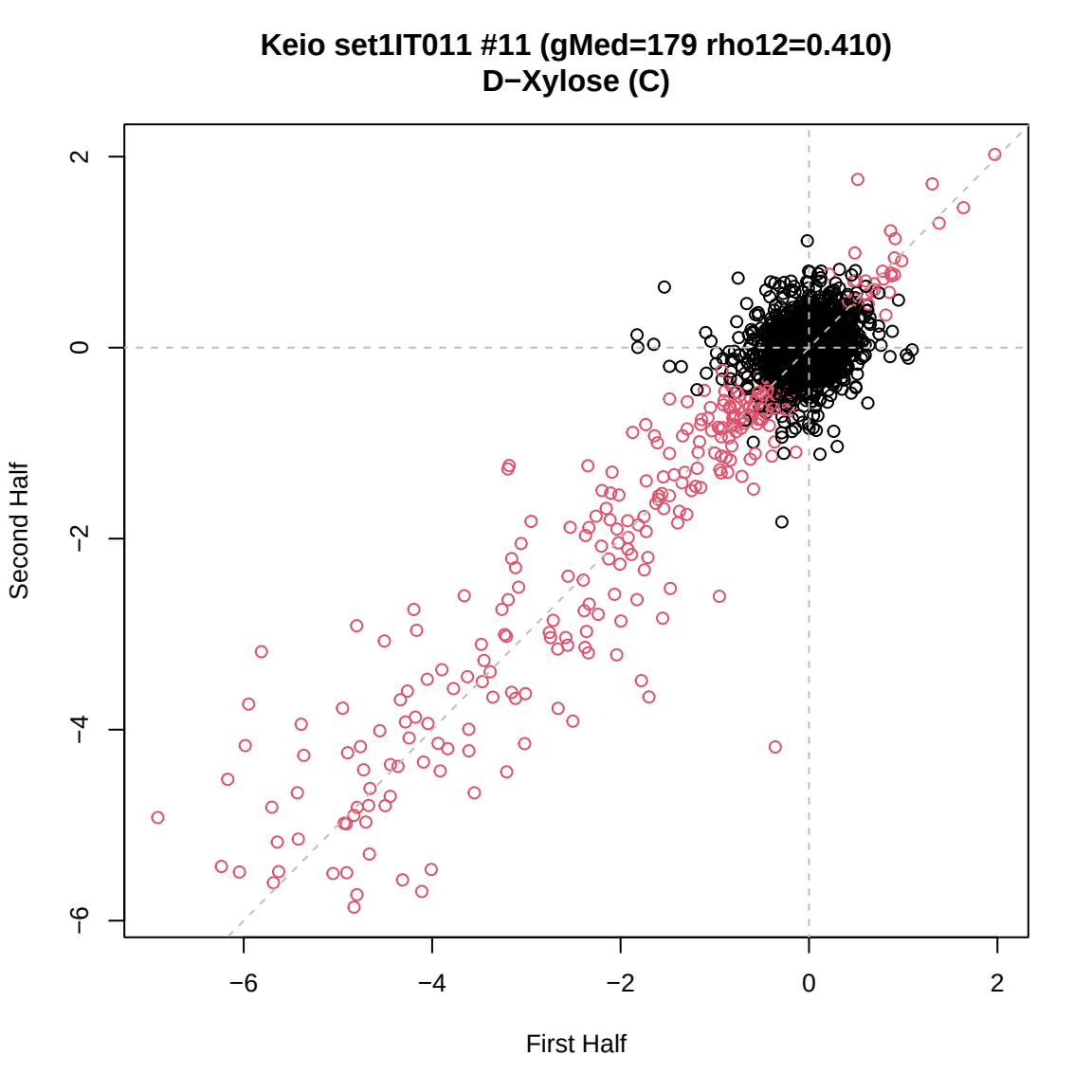

Keio set1IT004 #4 (gMed=195 rho12=0.282)
D−Glucose (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

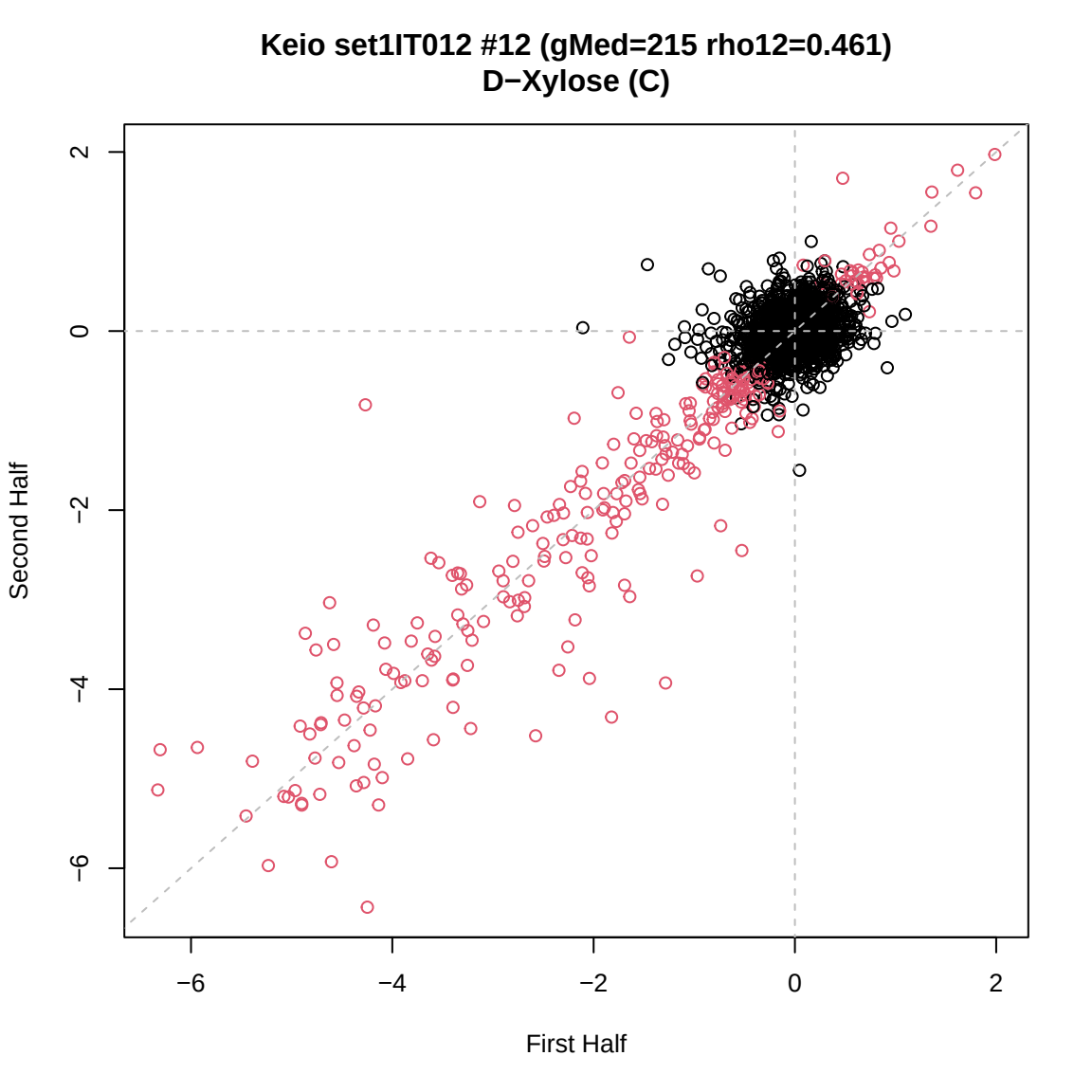

Keio set1IT005 #5 (gMed=222 rho12=0.330)
D−Fructose (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

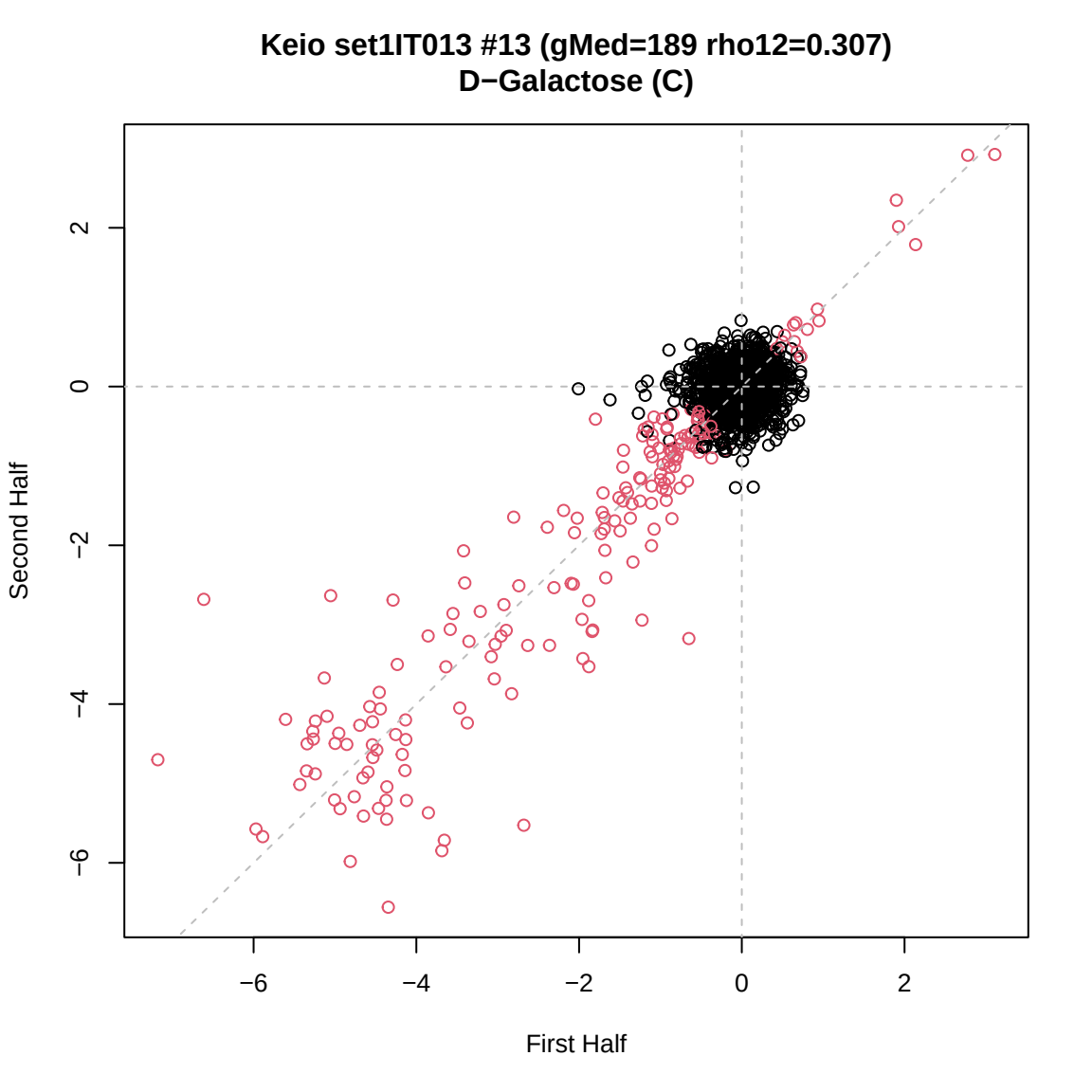

Keio set1IT006 #6 (gMed=241 rho12=0.333)
D−Fructose (C)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

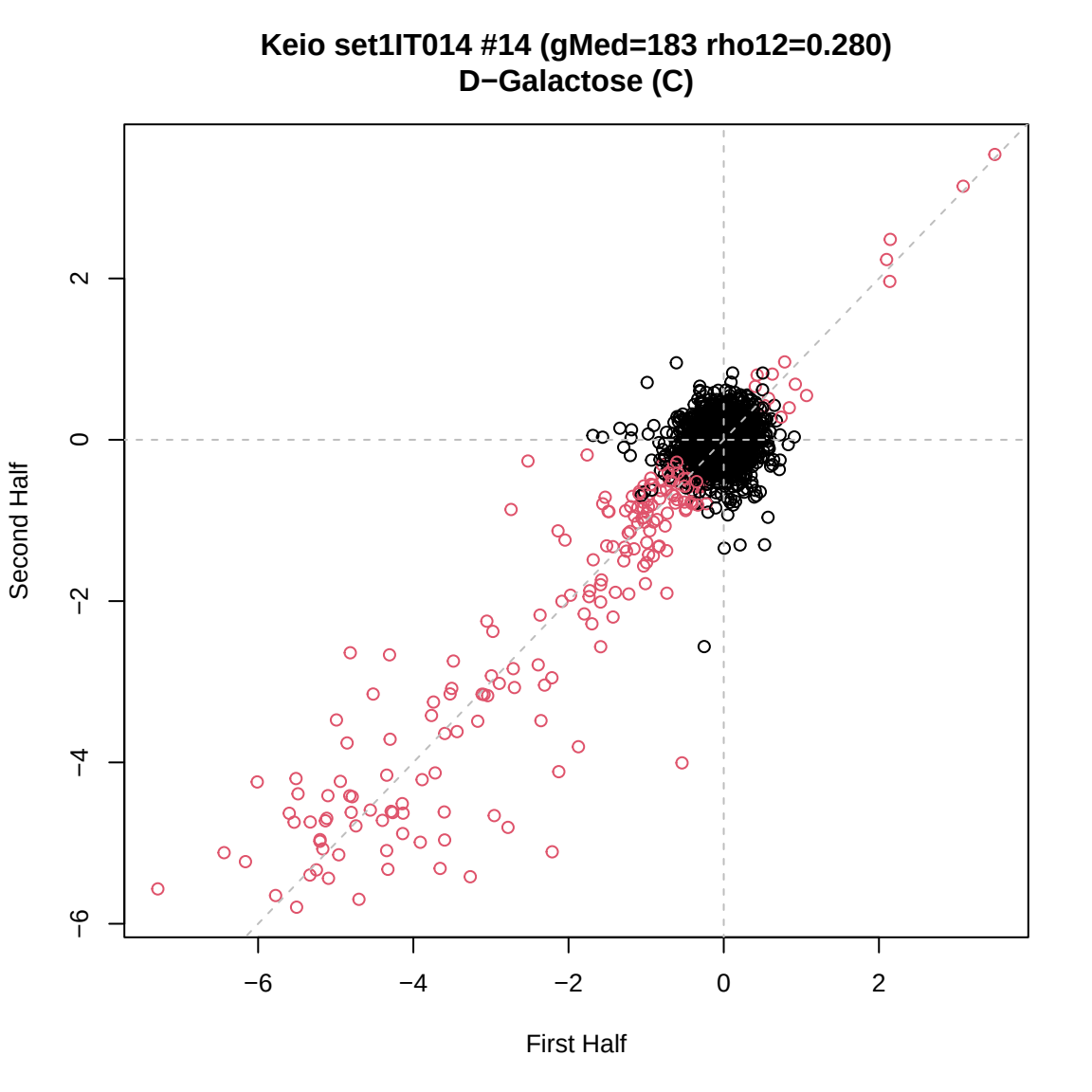

Keio set1IT009 #9 (gMed=196 rho12=0.402)
D−Maltose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0

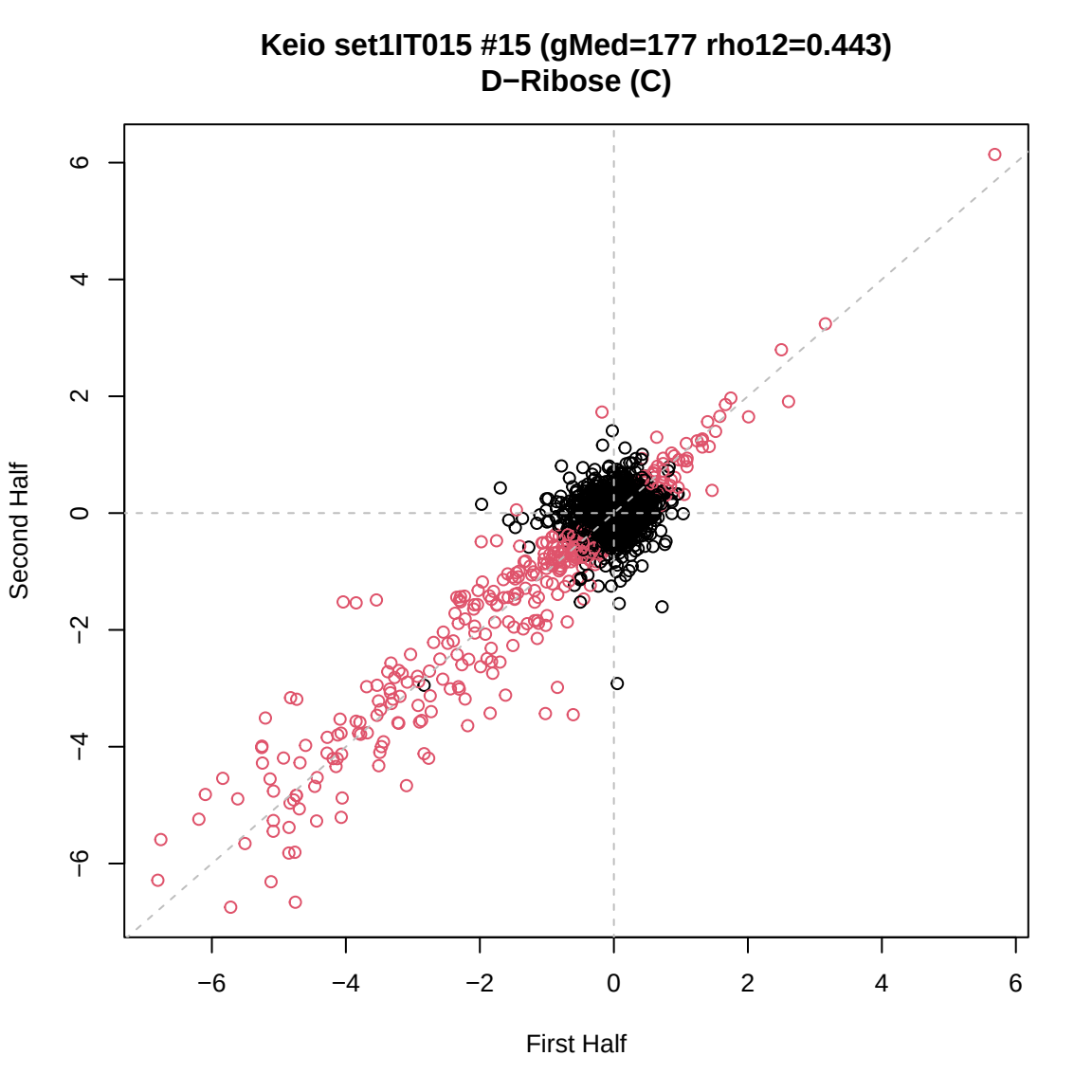

Keio set1IT010 #10 (gMed=179 rho12=0.390)
D−Maltose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

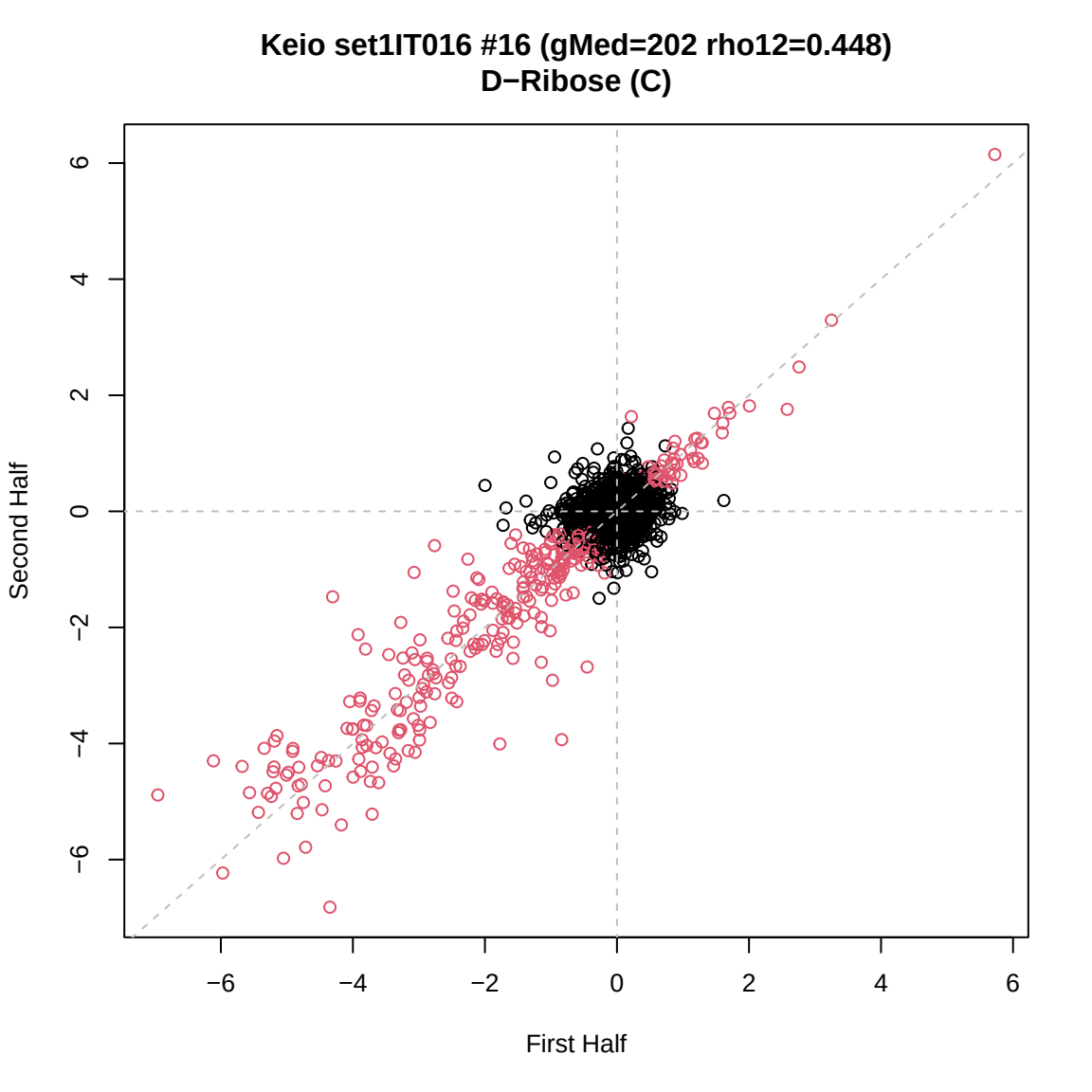

Keio set1IT011 #11 (gMed=179 rho12=0.410)
D−Xylose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

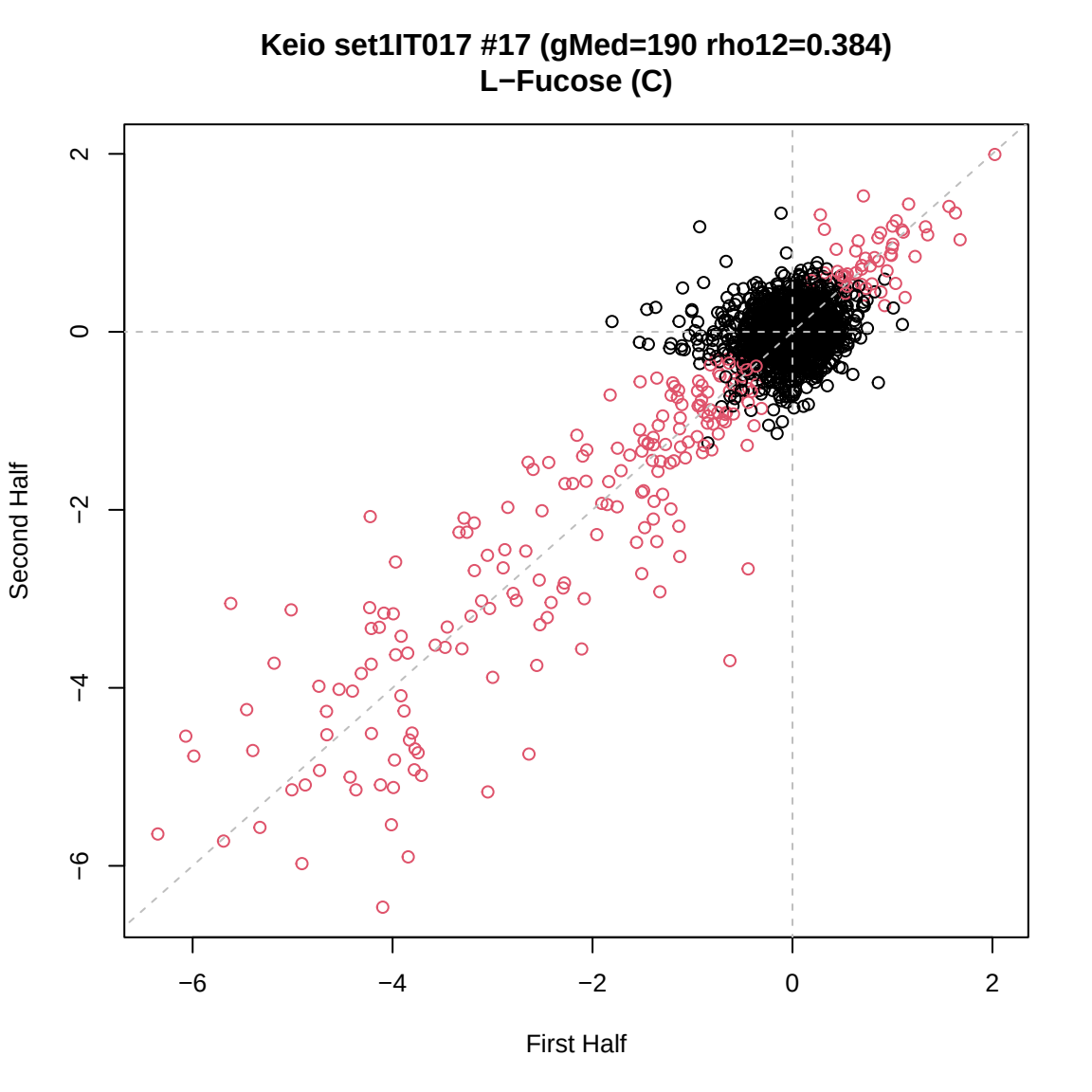

Keio set1IT012 #12 (gMed=215 rho12=0.461)
D−Xylose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

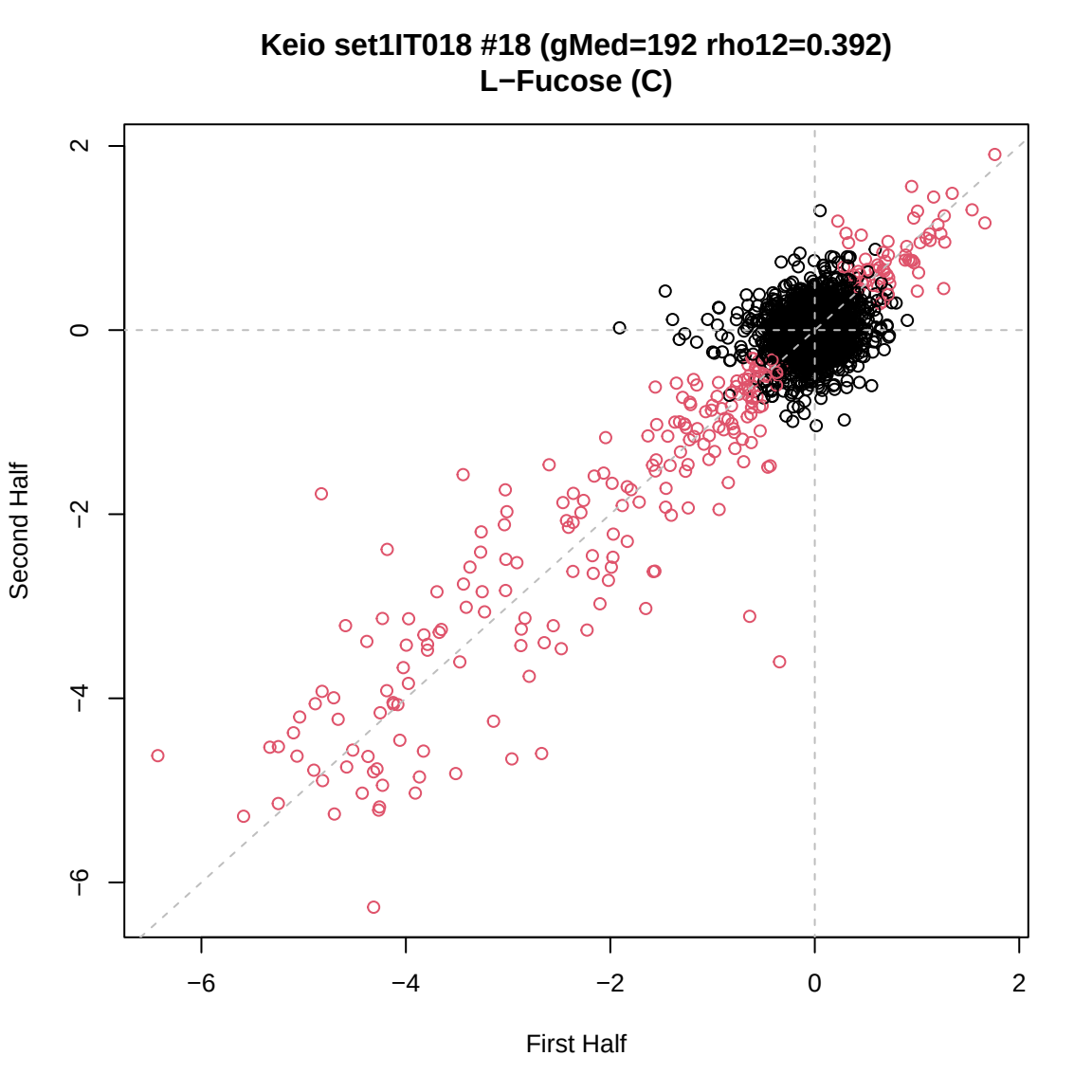

Keio set1IT013 #13 (gMed=189 rho12=0.307)
D−Galactose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

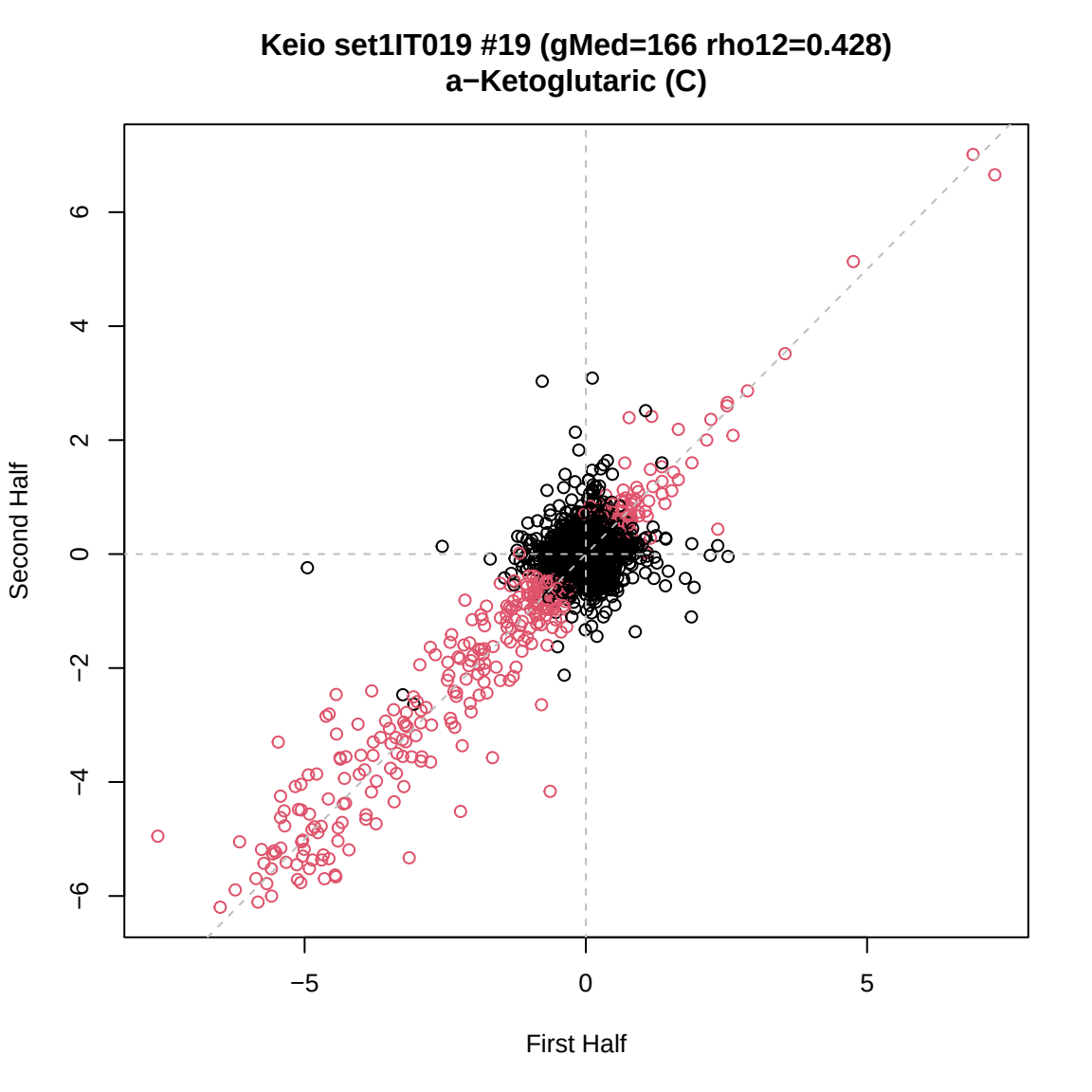

Keio set1IT014 #14 (gMed=183 rho12=0.280)
D−Galactose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

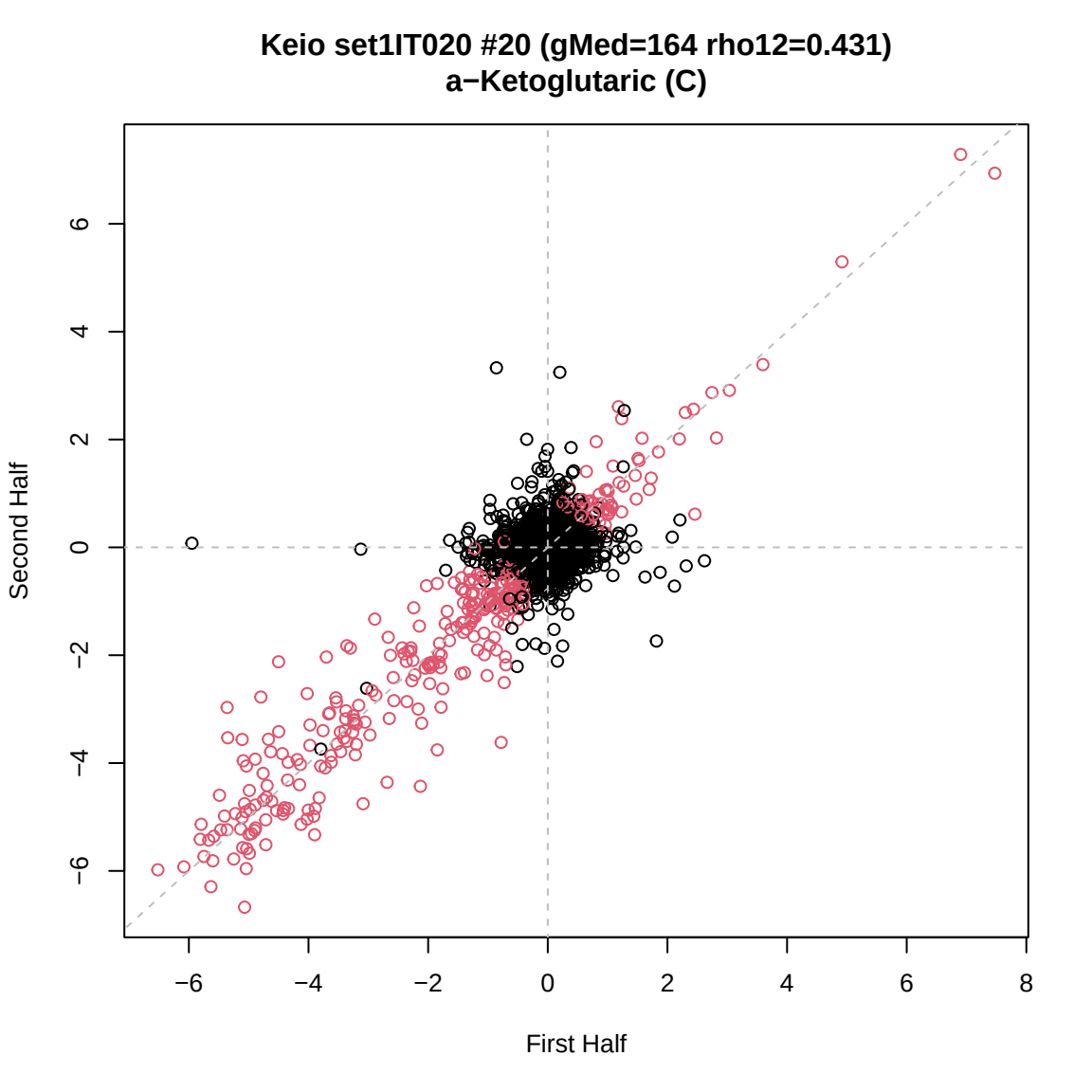

Keio set1IT015 #15 (gMed=177 rho12=0.443)
D−Ribose (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

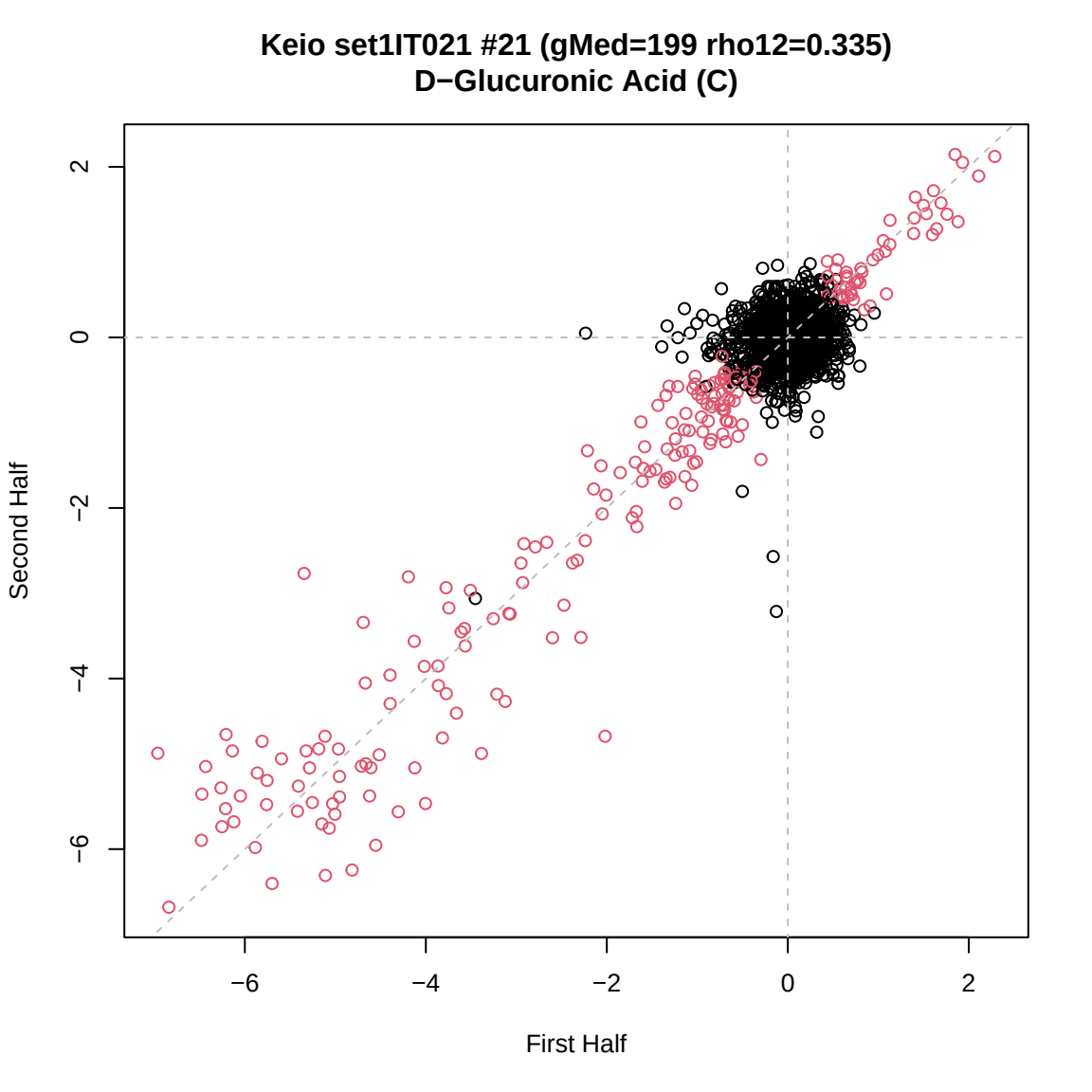

Keio set1IT016 #16 (gMed=202 rho12=0.448)
D−Ribose (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

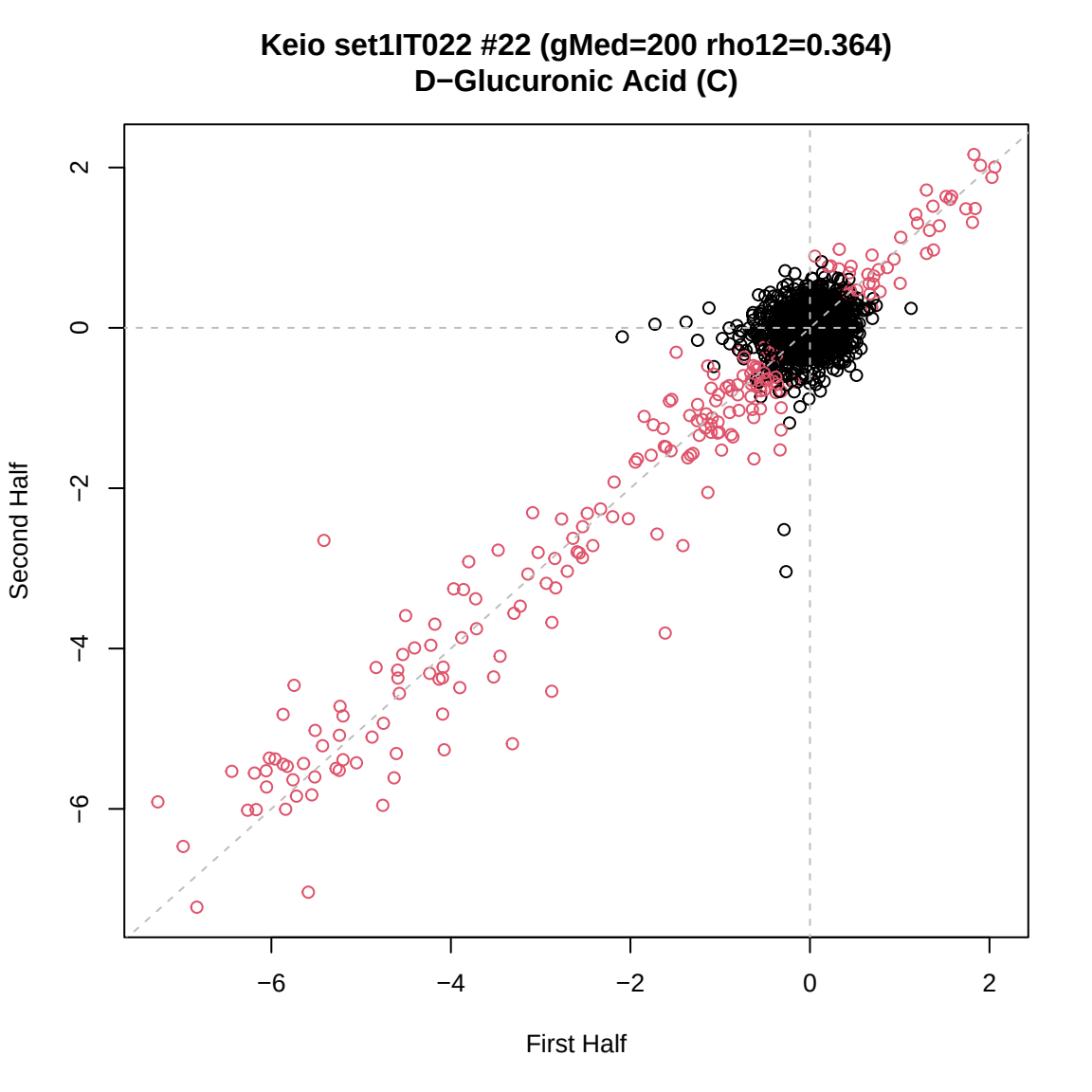

Keio set1IT017 #17 (gMed=190 rho12=0.384)
L−Fucose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

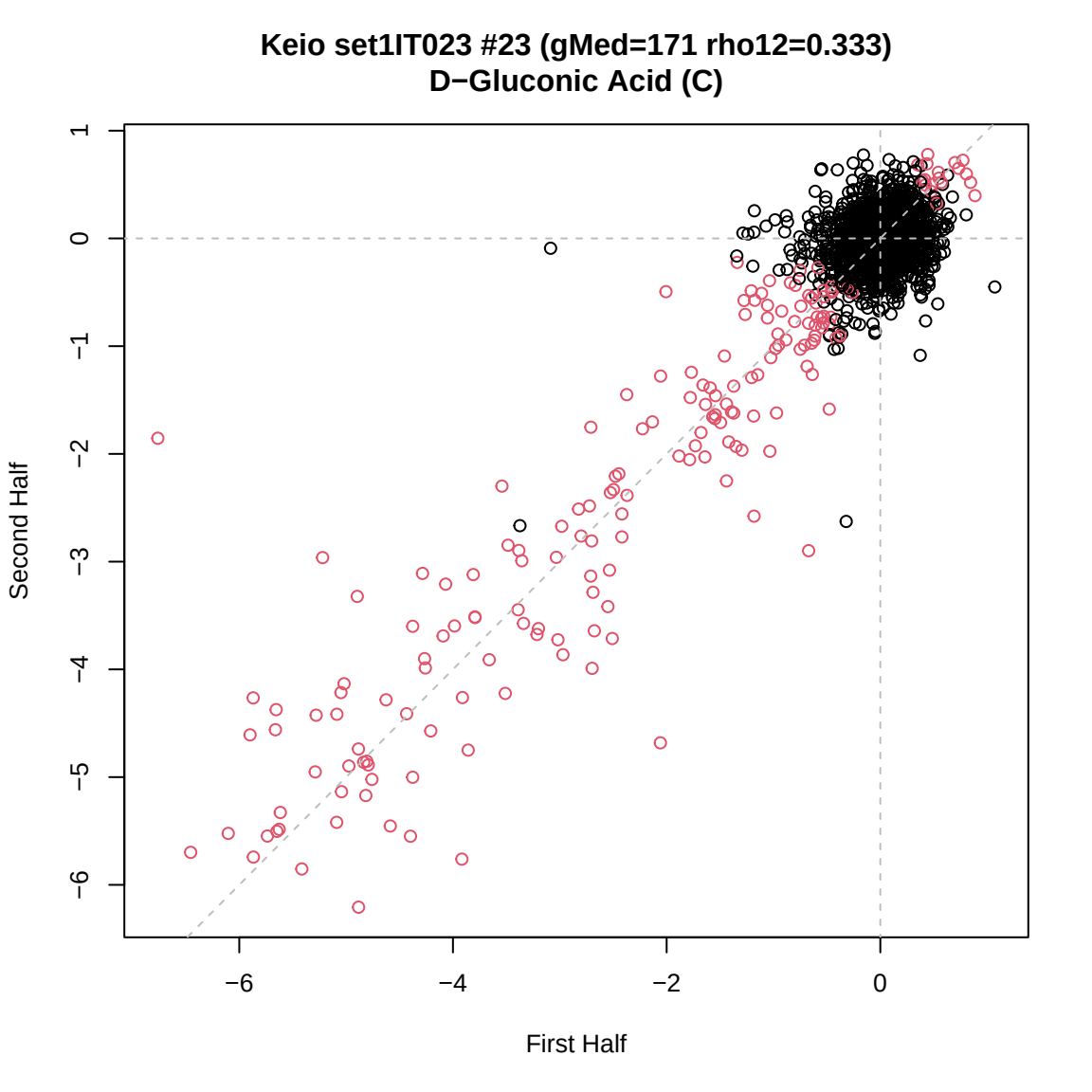

Keio set1IT018 #18 (gMed=192 rho12=0.392)
L−Fucose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

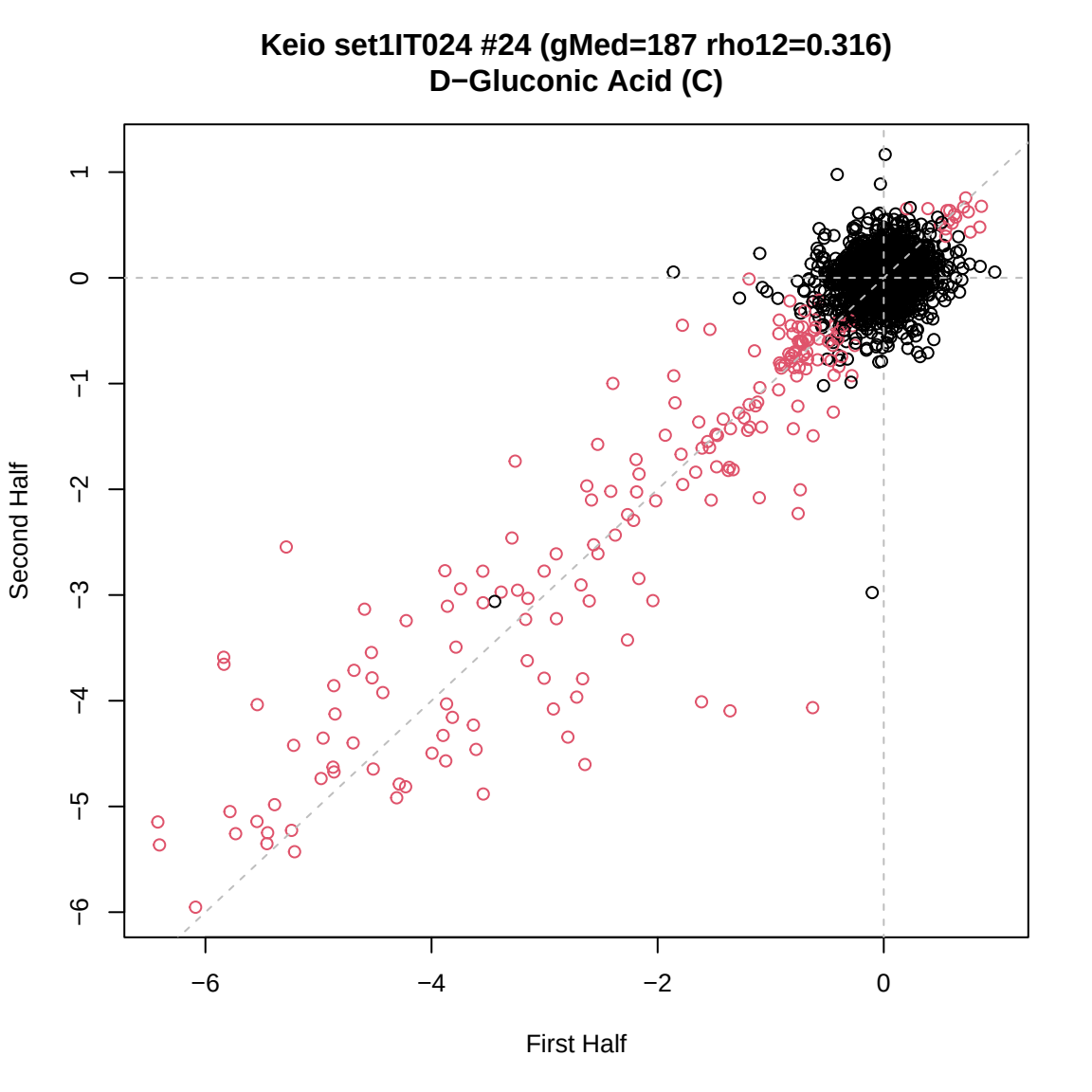

Keio set1IT019 #19 (gMed=166 rho12=0.428)
a−Ketoglutaric (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−5
0
5

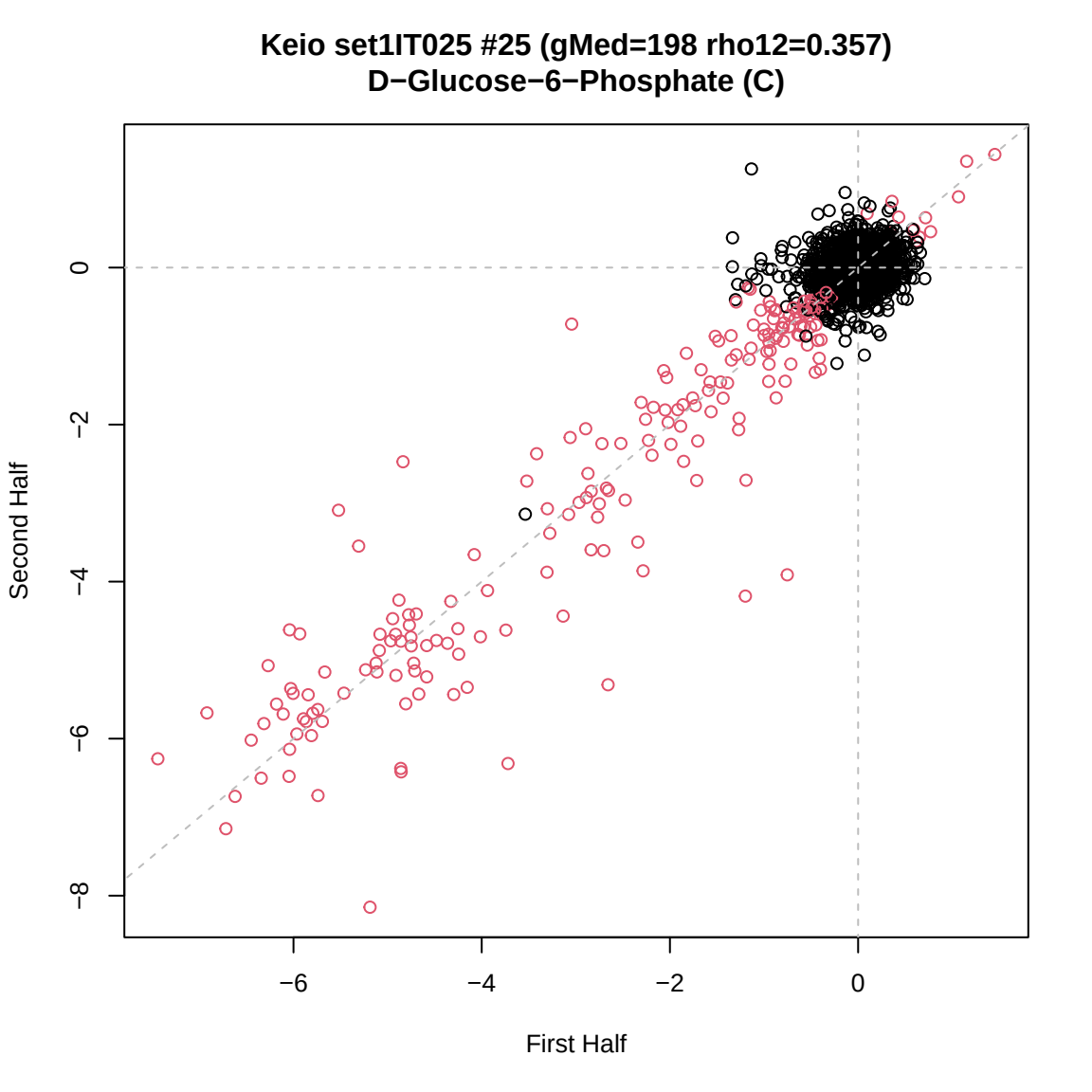

Keio set1IT020 #20 (gMed=164 rho12=0.431)
a−Ketoglutaric (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6
8

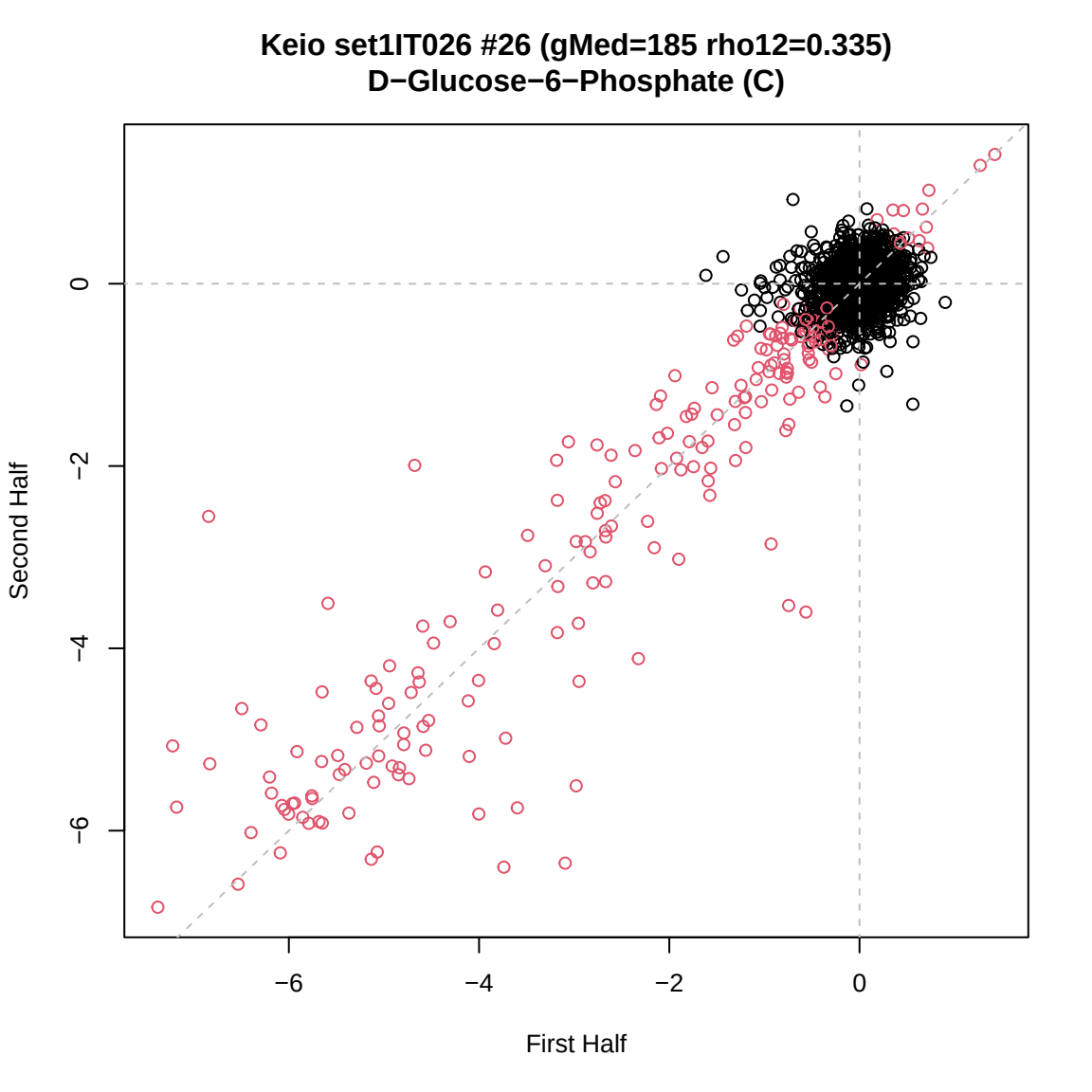

Keio set1IT021 #21 (gMed=199 rho12=0.335)
D−Glucuronic Acid (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

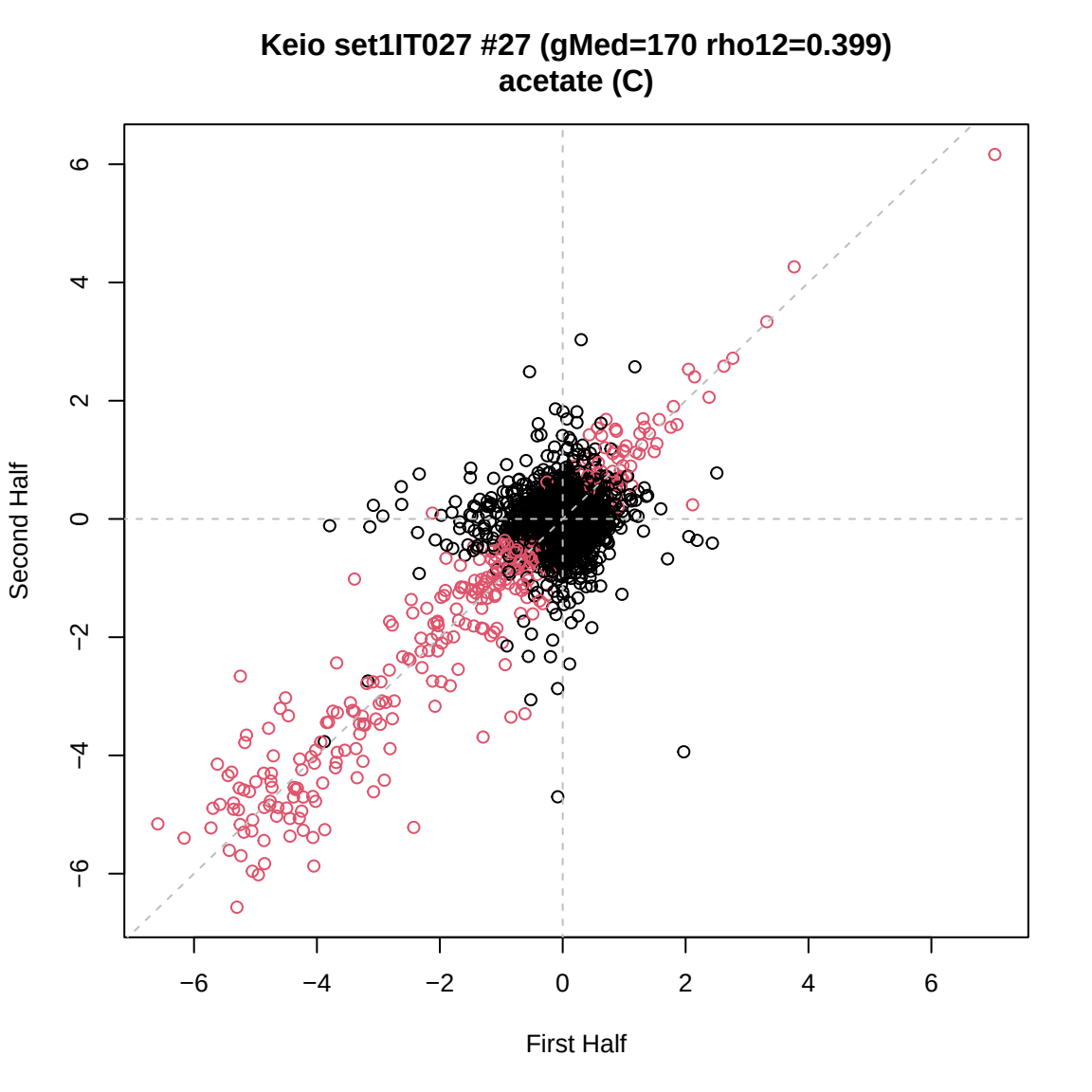

Keio set1IT022 #22 (gMed=200 rho12=0.364)
D−Glucuronic Acid (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

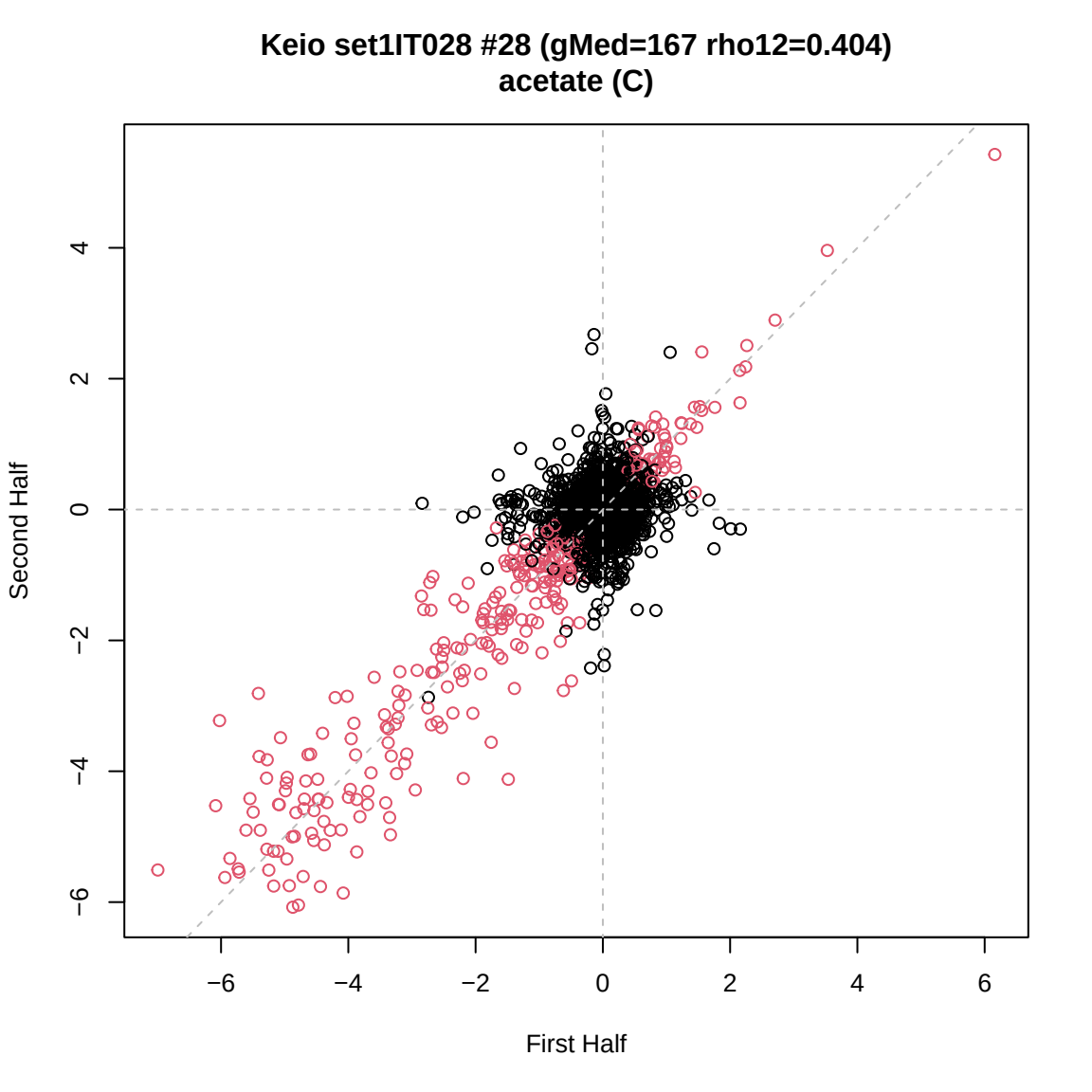

Keio set1IT023 #23 (gMed=171 rho12=0.333)
D−Gluconic Acid (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

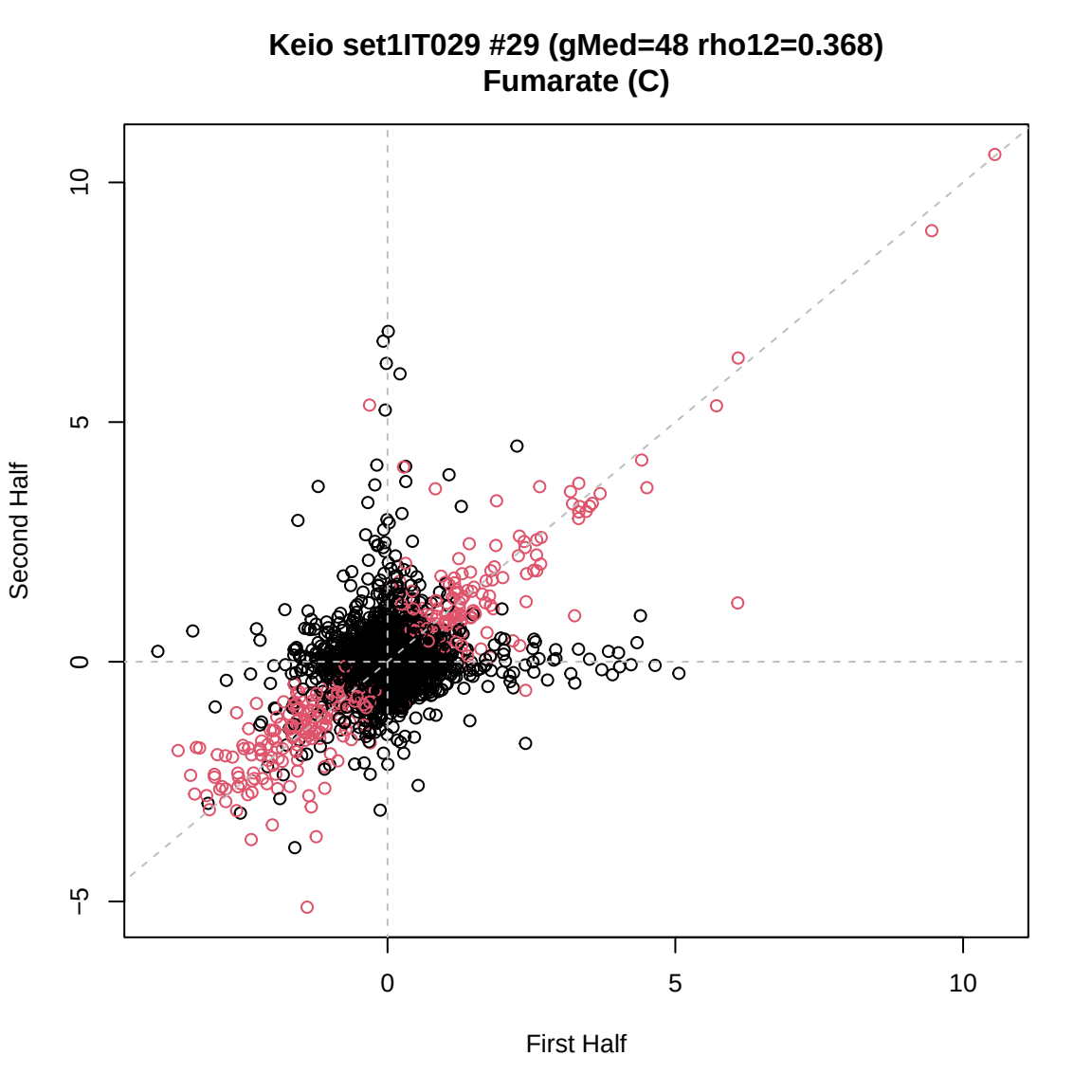

Keio set1IT024 #24 (gMed=187 rho12=0.316)
D−Gluconic Acid (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

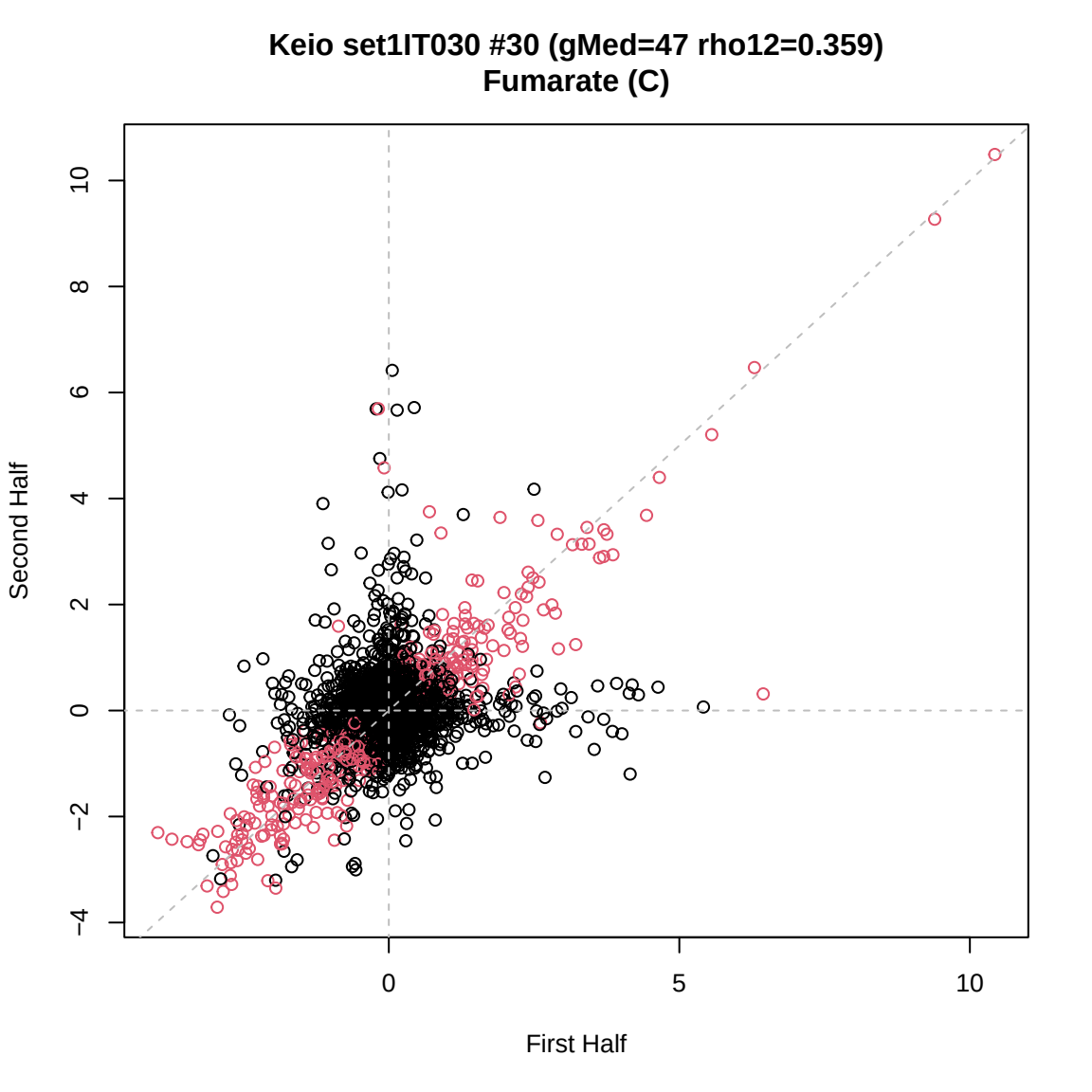

Keio set1IT025 #25 (gMed=198 rho12=0.357)
D−Glucose−6−Phosphate (C)
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

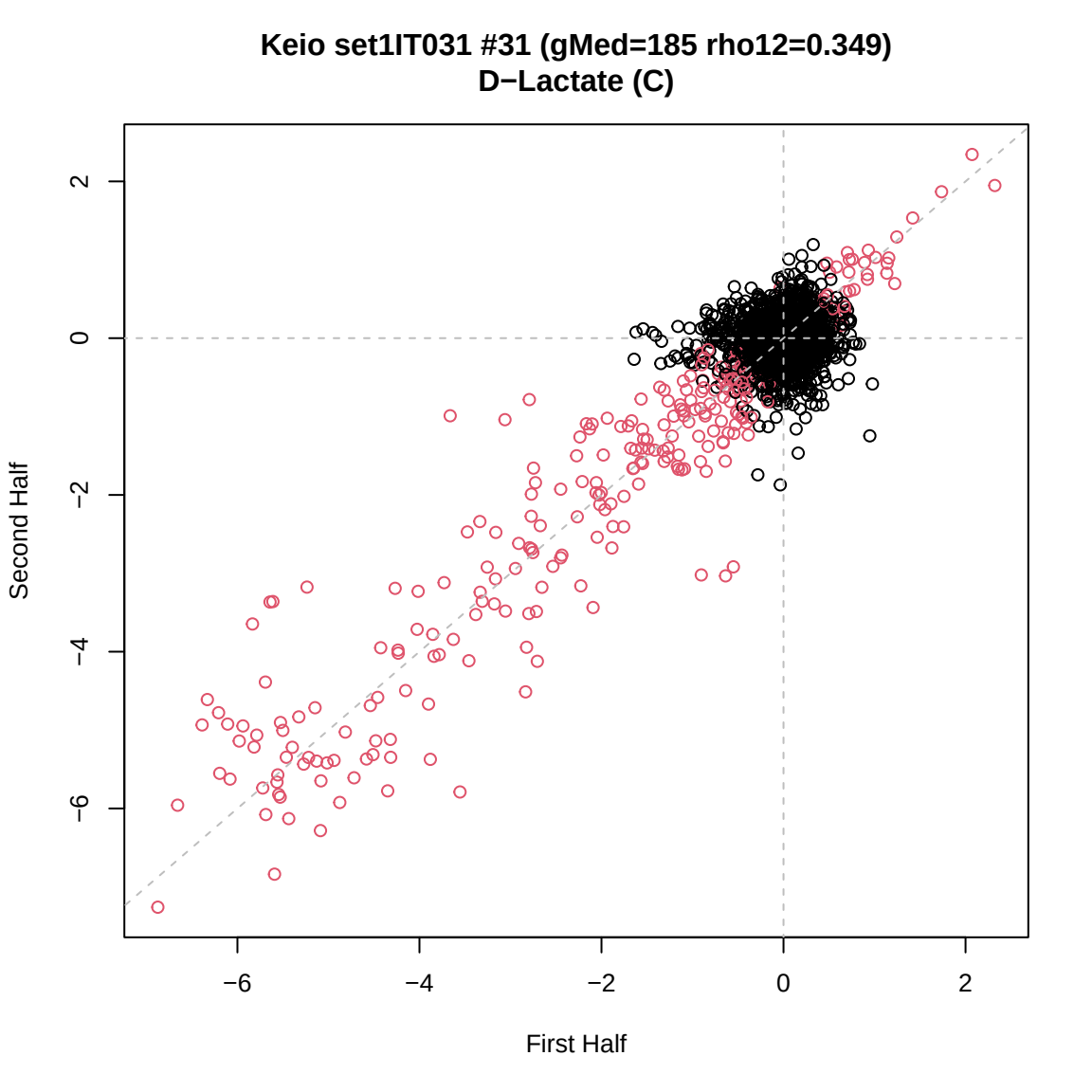

Keio set1IT026 #26 (gMed=185 rho12=0.335)
D−Glucose−6−Phosphate (C)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

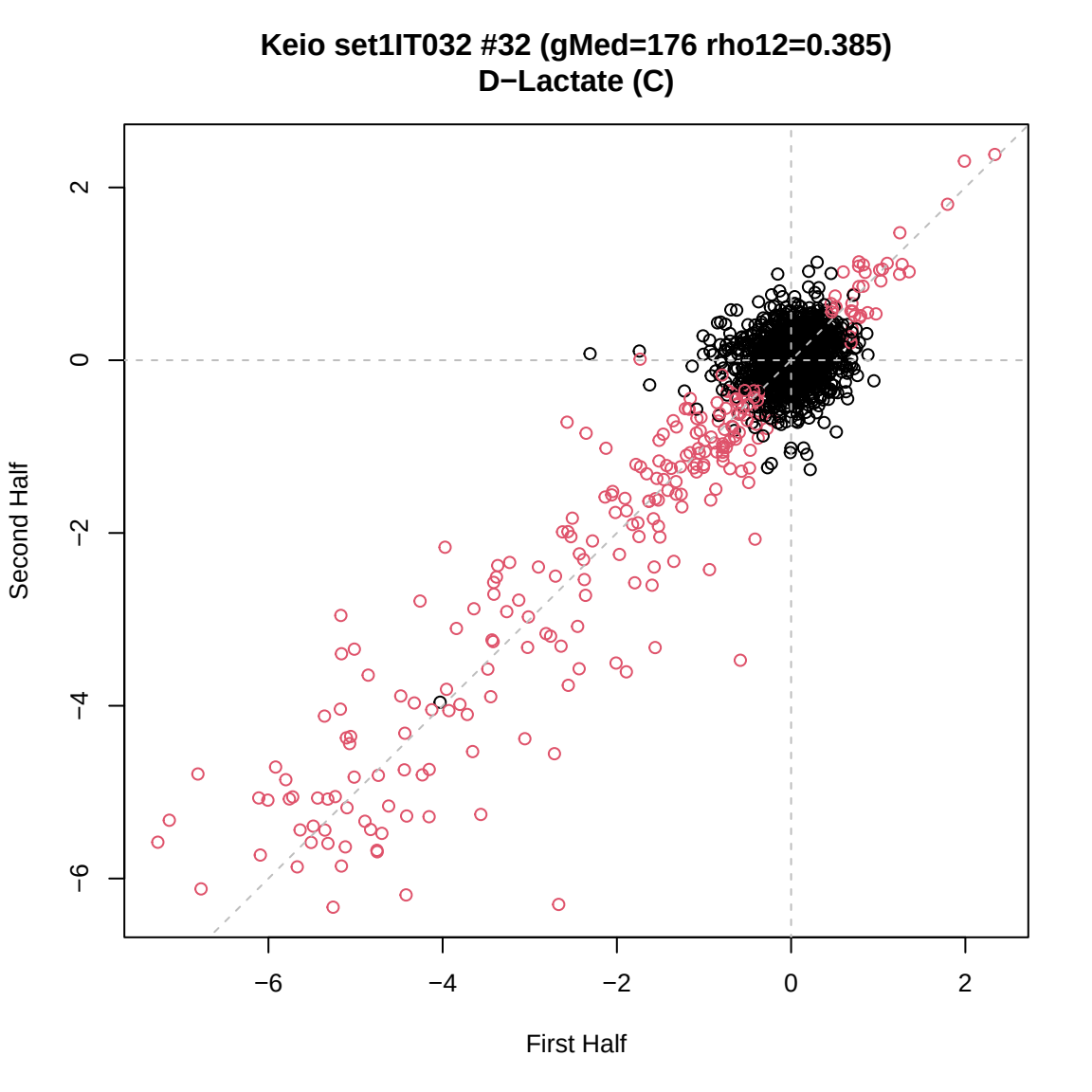

Keio set1IT027 #27 (gMed=170 rho12=0.399)
acetate (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

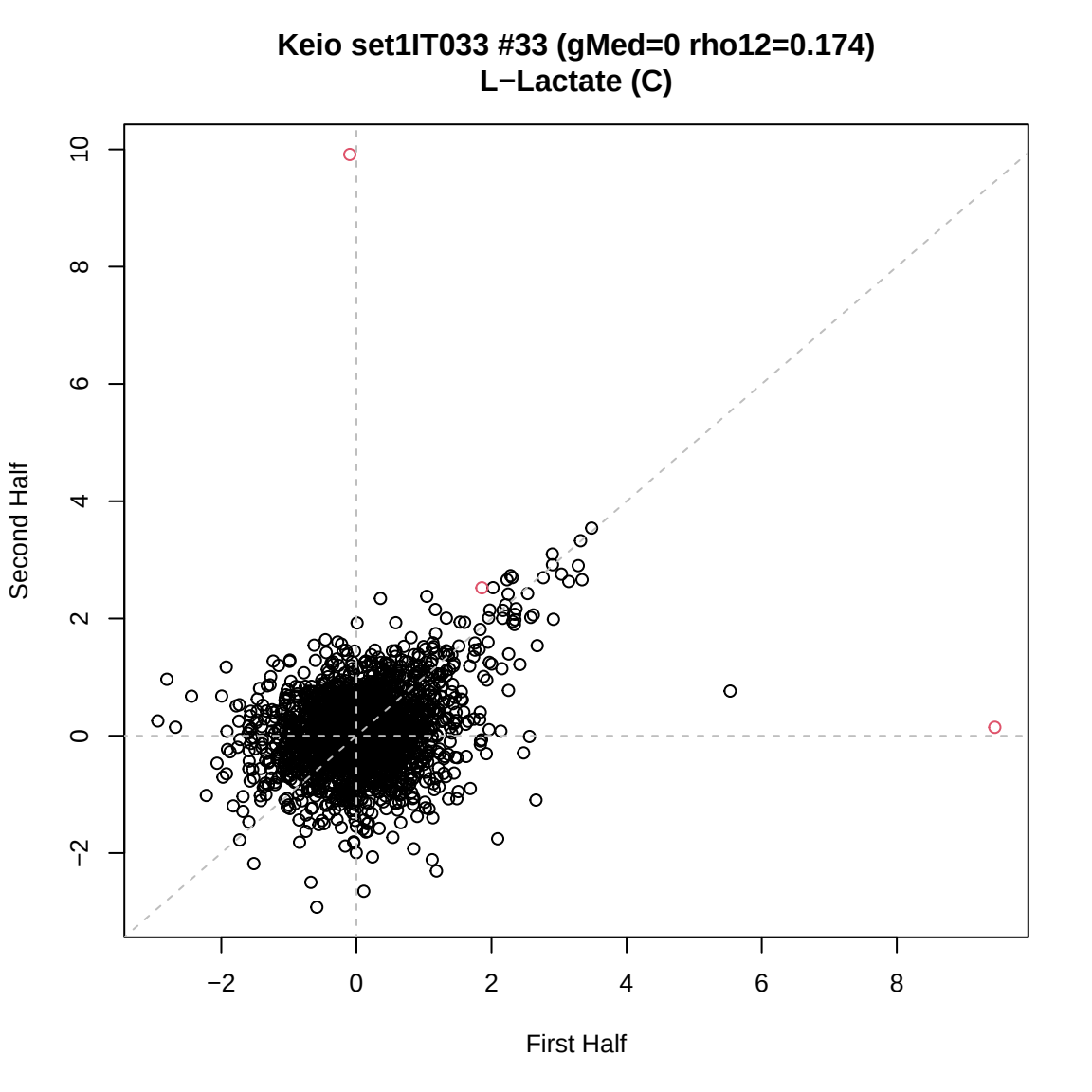

Keio set1IT028 #28 (gMed=167 rho12=0.404)
acetate (C)
Second Half
First Half
−6
−4
−2
0
2
4
6

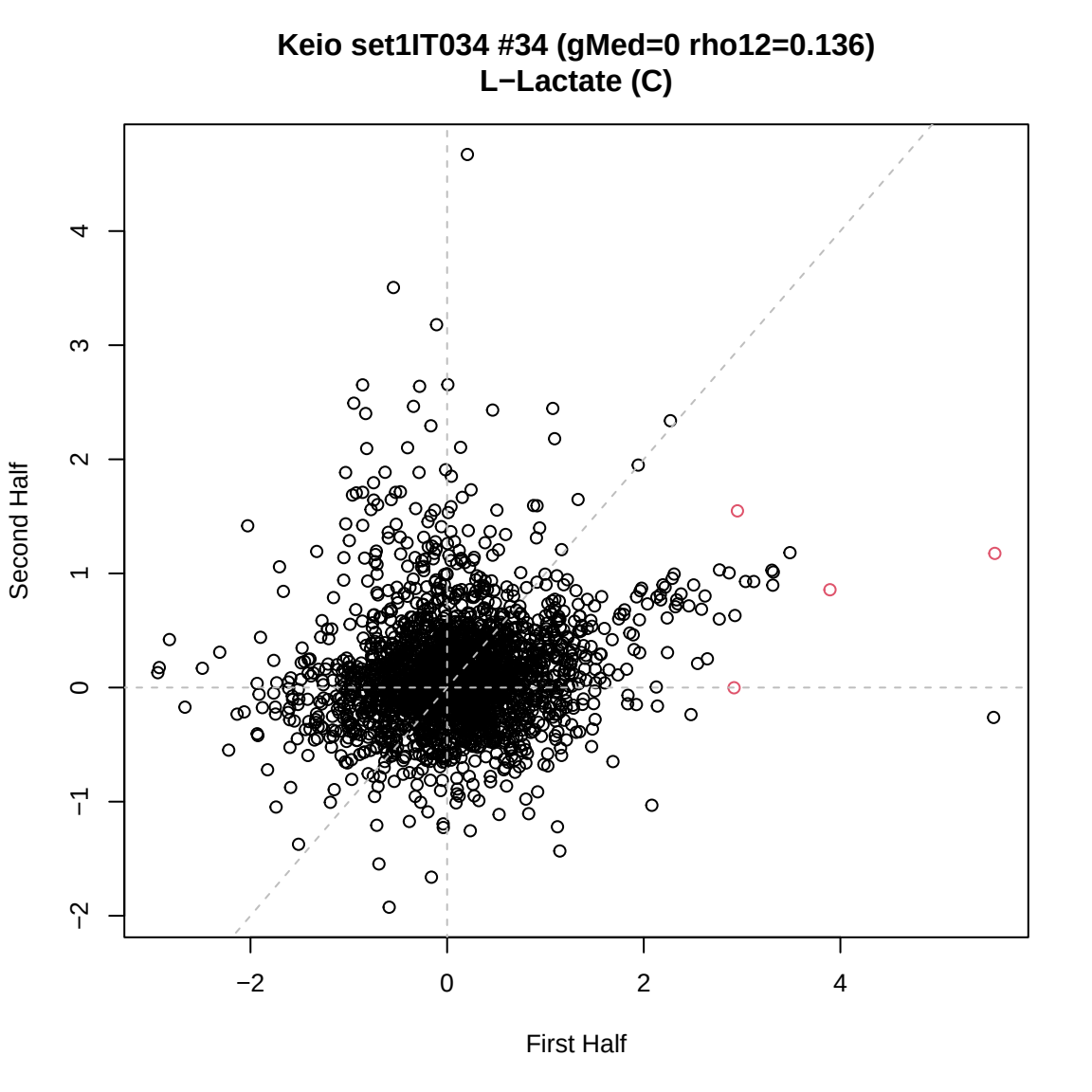

Keio set1IT029 #29 (gMed=48 rho12=0.368)
Fumarate (C)
Second Half
First Half
10
5
0
−5
0
5
10

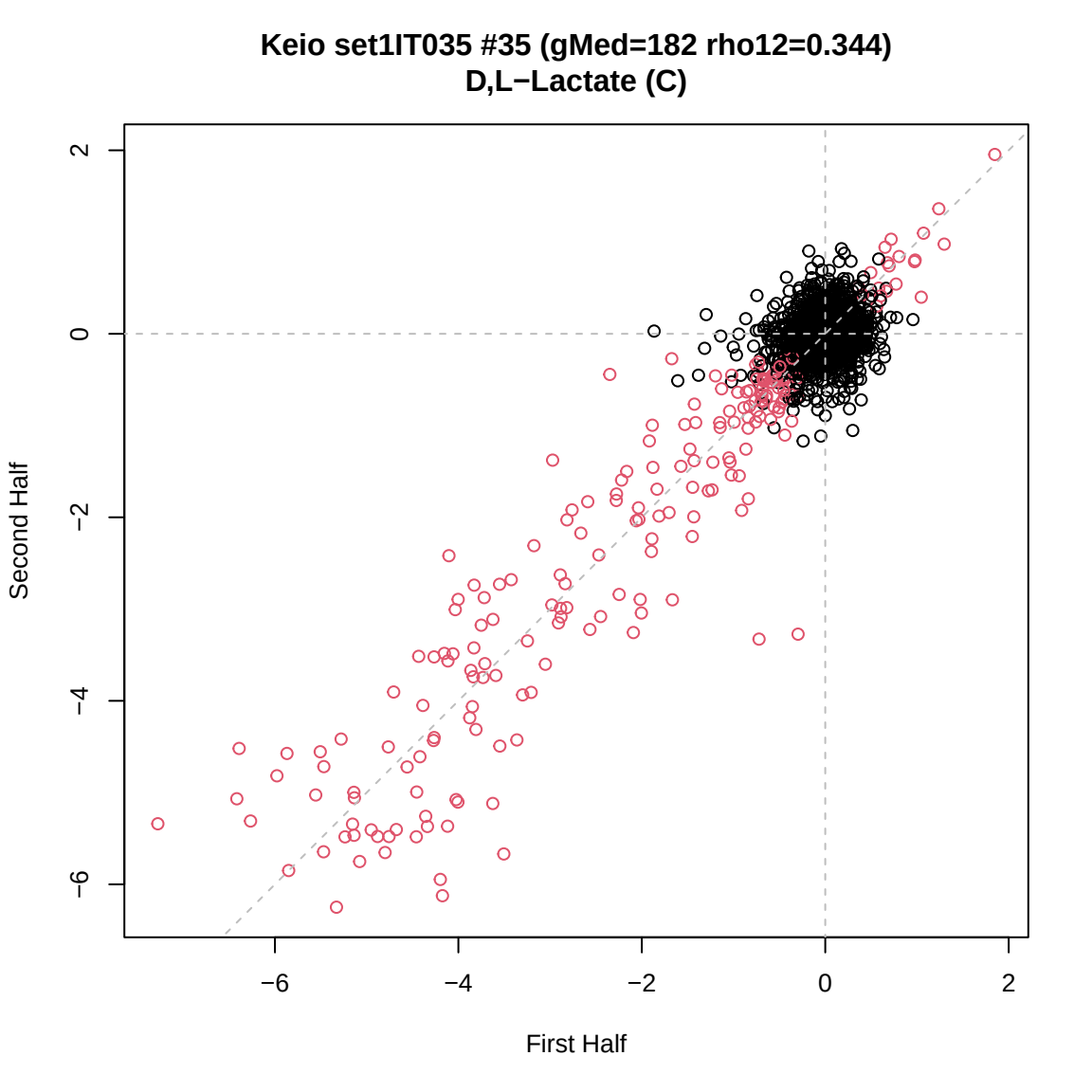

Keio set1IT030 #30 (gMed=47 rho12=0.359)
Fumarate (C)
Second Half
First Half
10
8
6
4
2
0
−2
−4
0
5
10

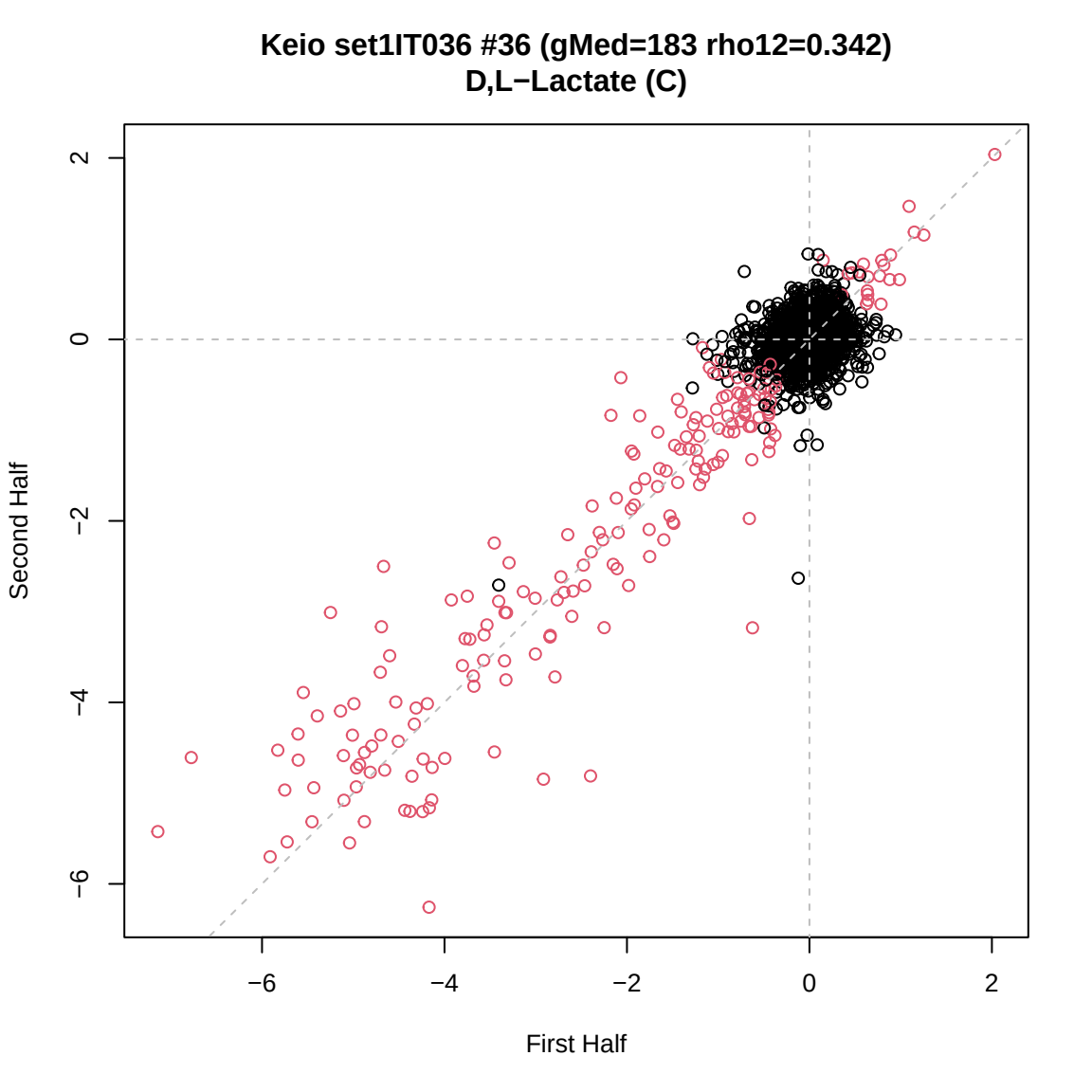

Keio set1IT031 #31 (gMed=185 rho12=0.349)
D−Lactate (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

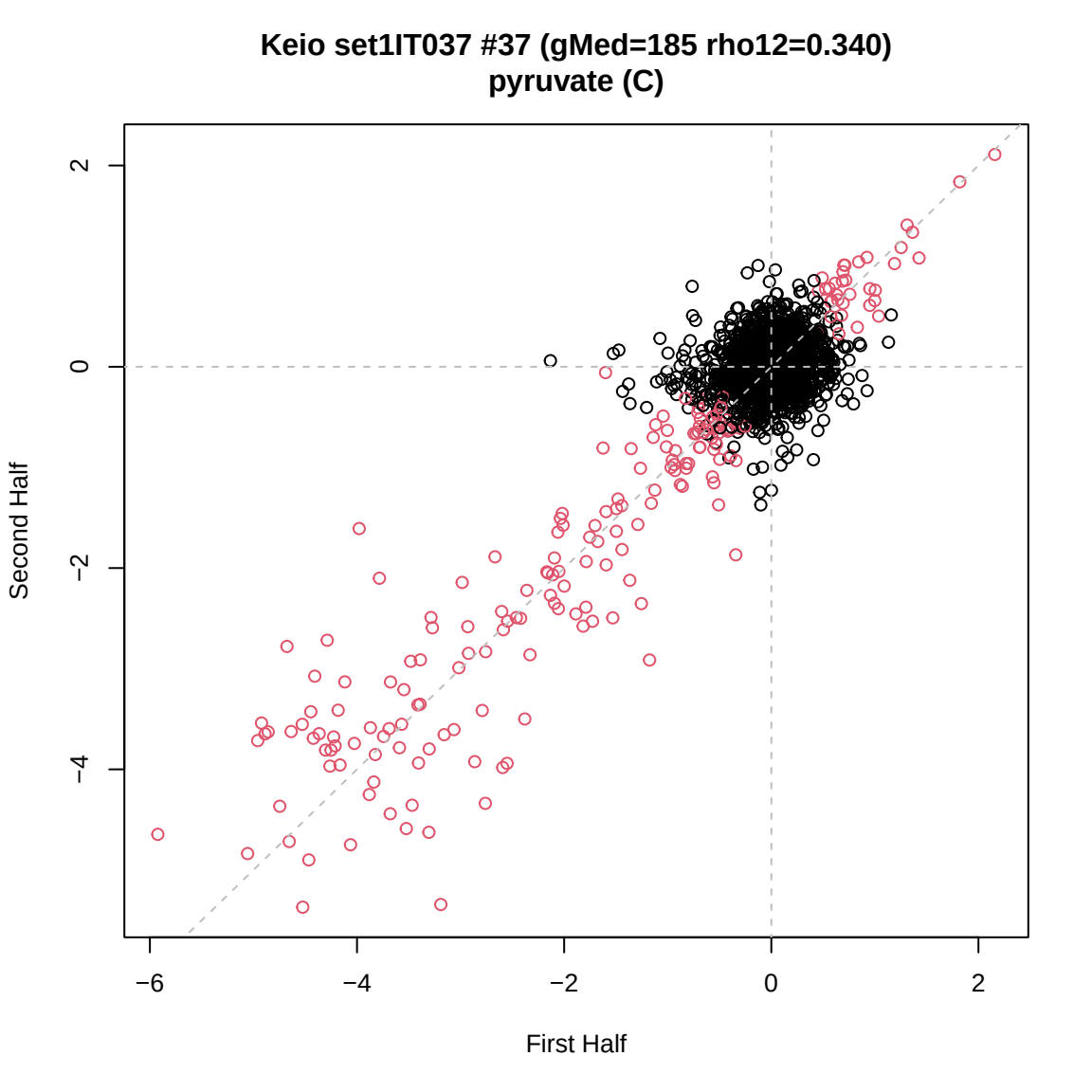

Keio set1IT032 #32 (gMed=176 rho12=0.385)
D−Lactate (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

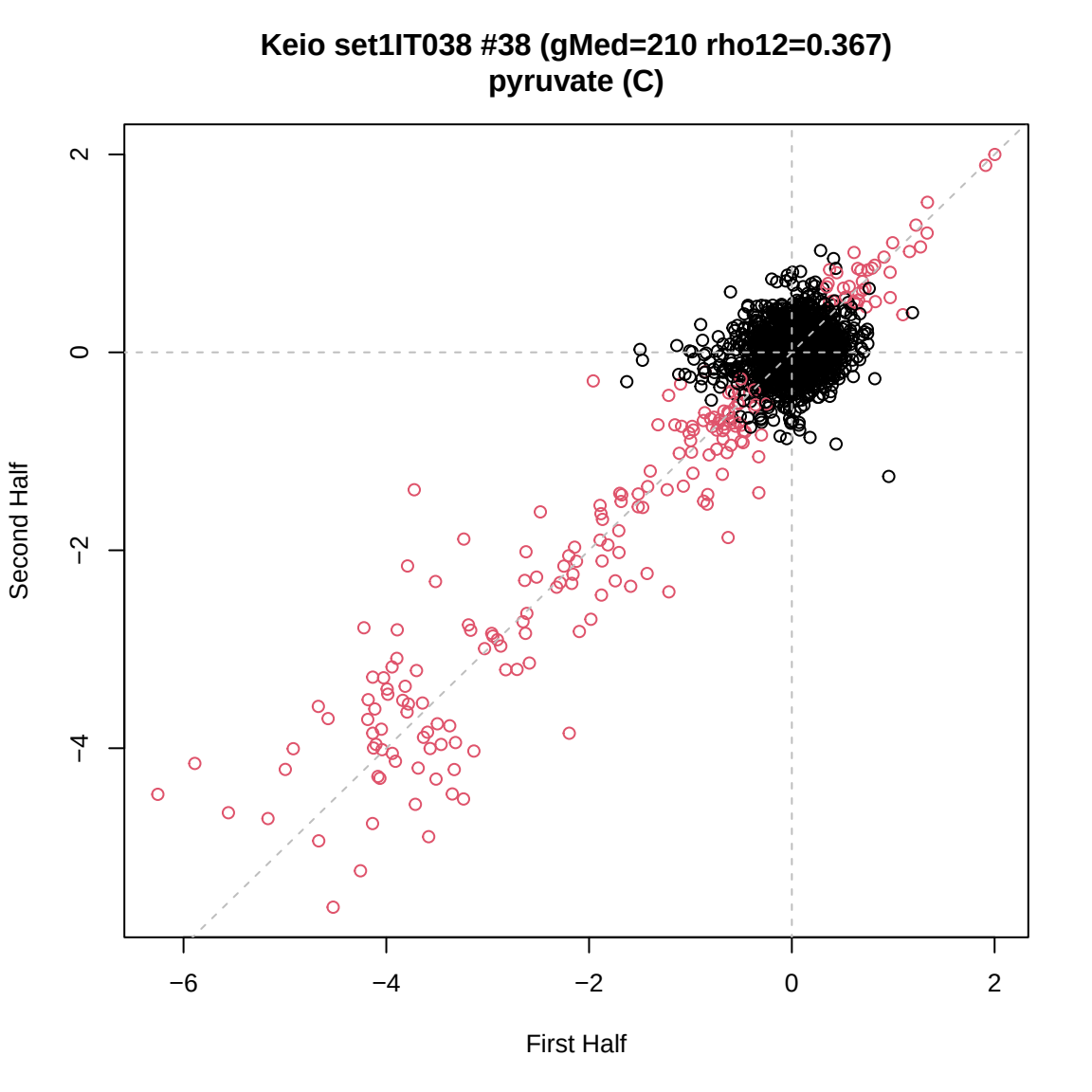

Keio set1IT033 #33 (gMed=0 rho12=0.174)
L−Lactate (C)
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

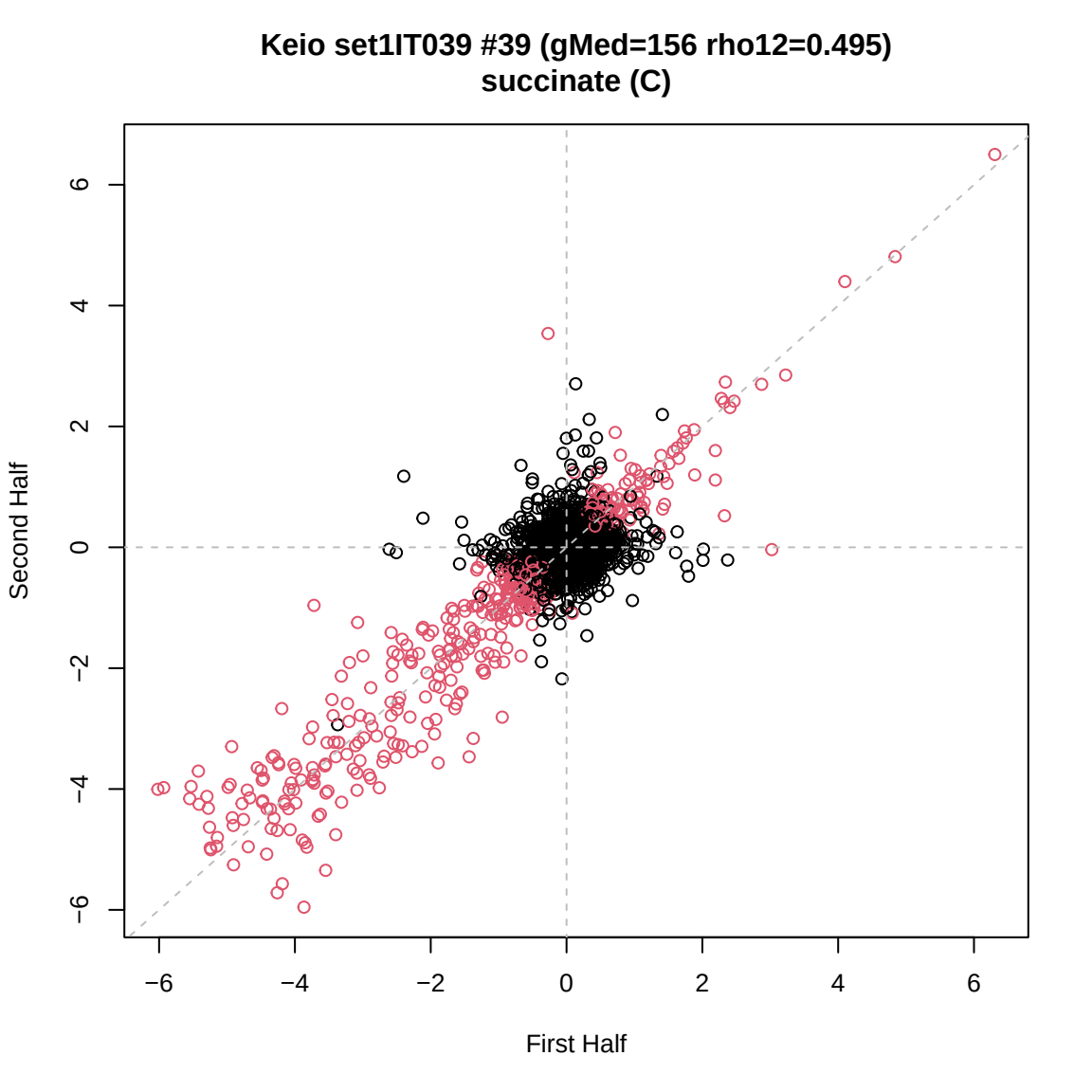

Keio set1IT034 #34 (gMed=0 rho12=0.136)
L−Lactate (C)
Second Half
First Half
−2
0
2
4
−2
−1
0
1
2
3
4

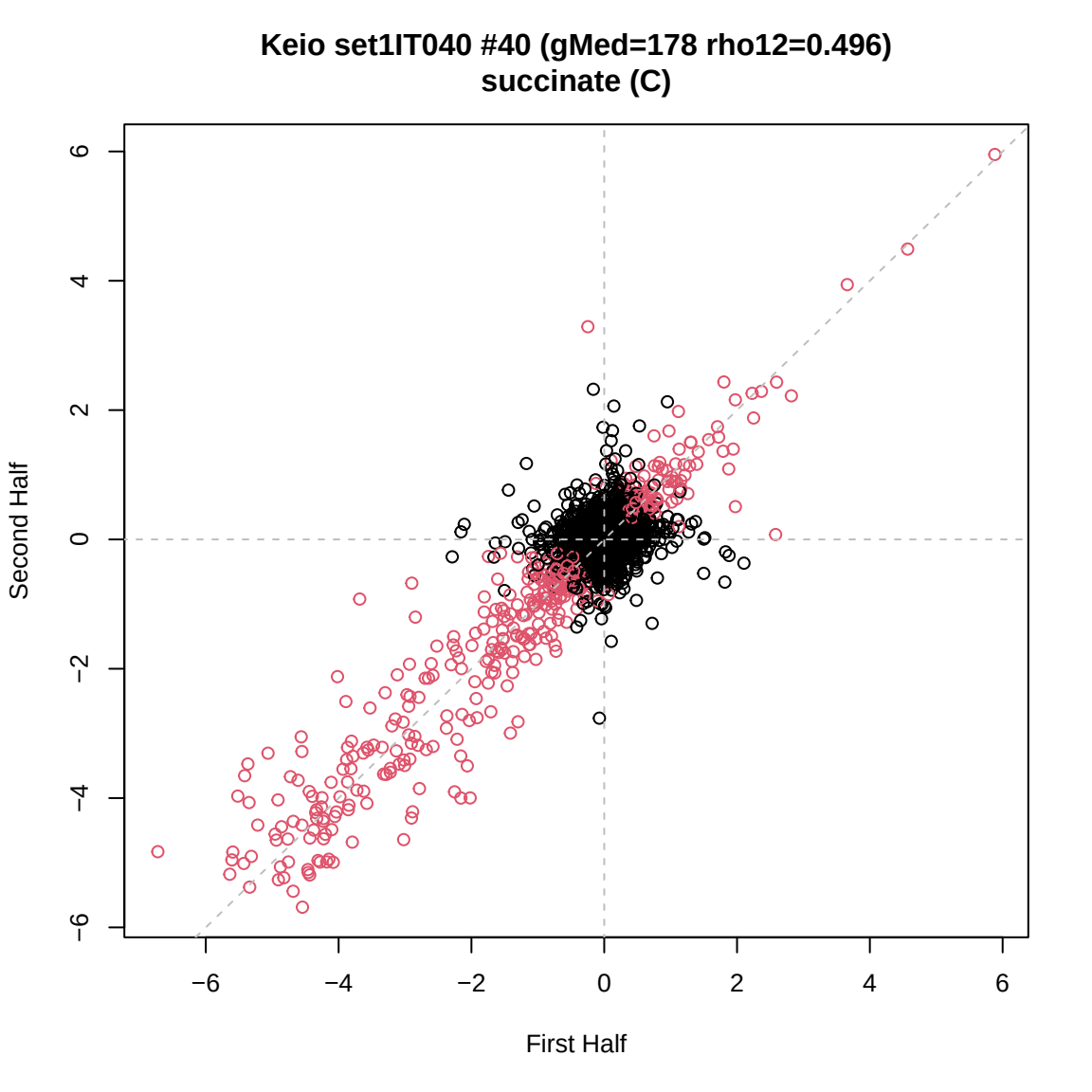

Keio set1IT035 #35 (gMed=182 rho12=0.344)
D,L−Lactate (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

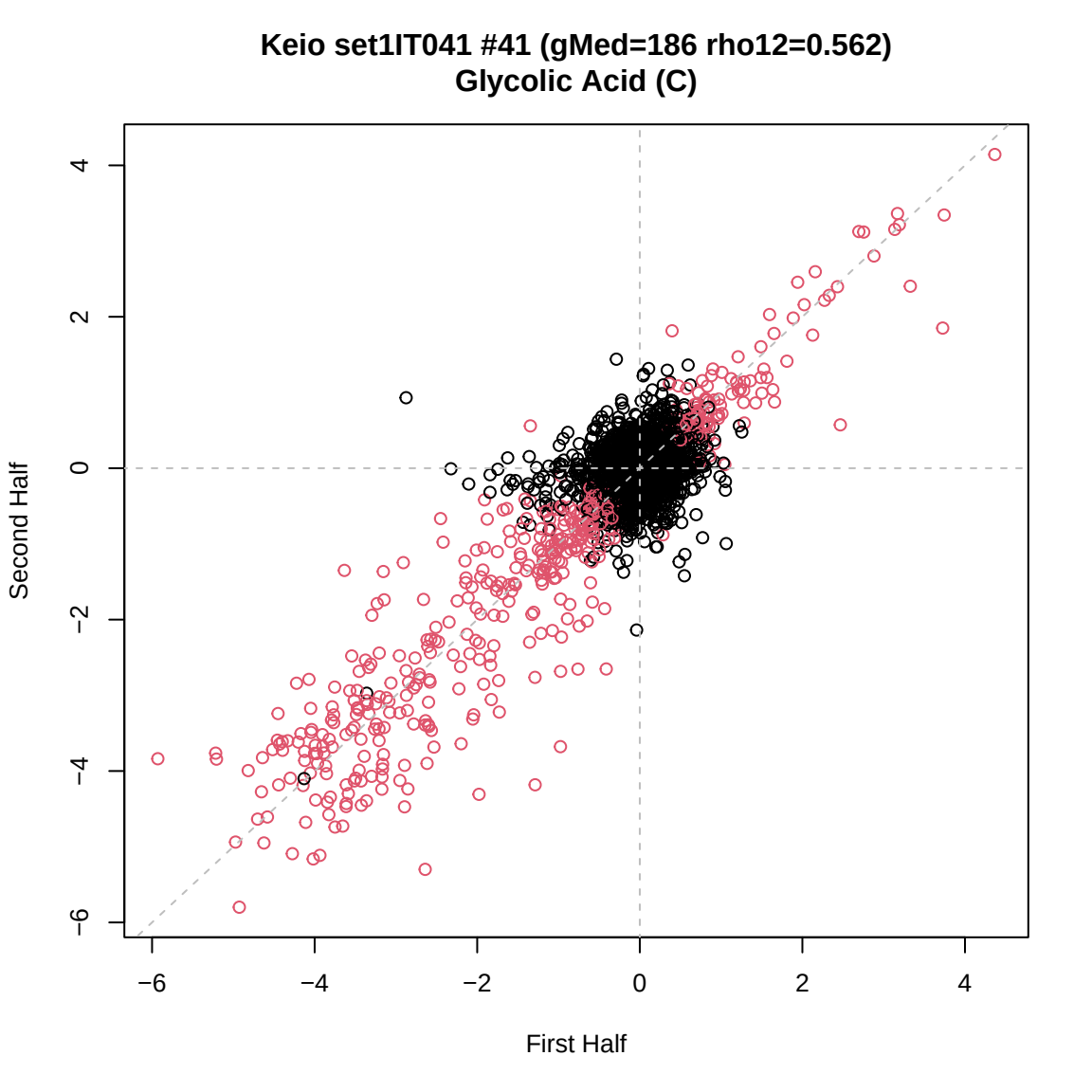

Keio set1IT036 #36 (gMed=183 rho12=0.342)
D,L−Lactate (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

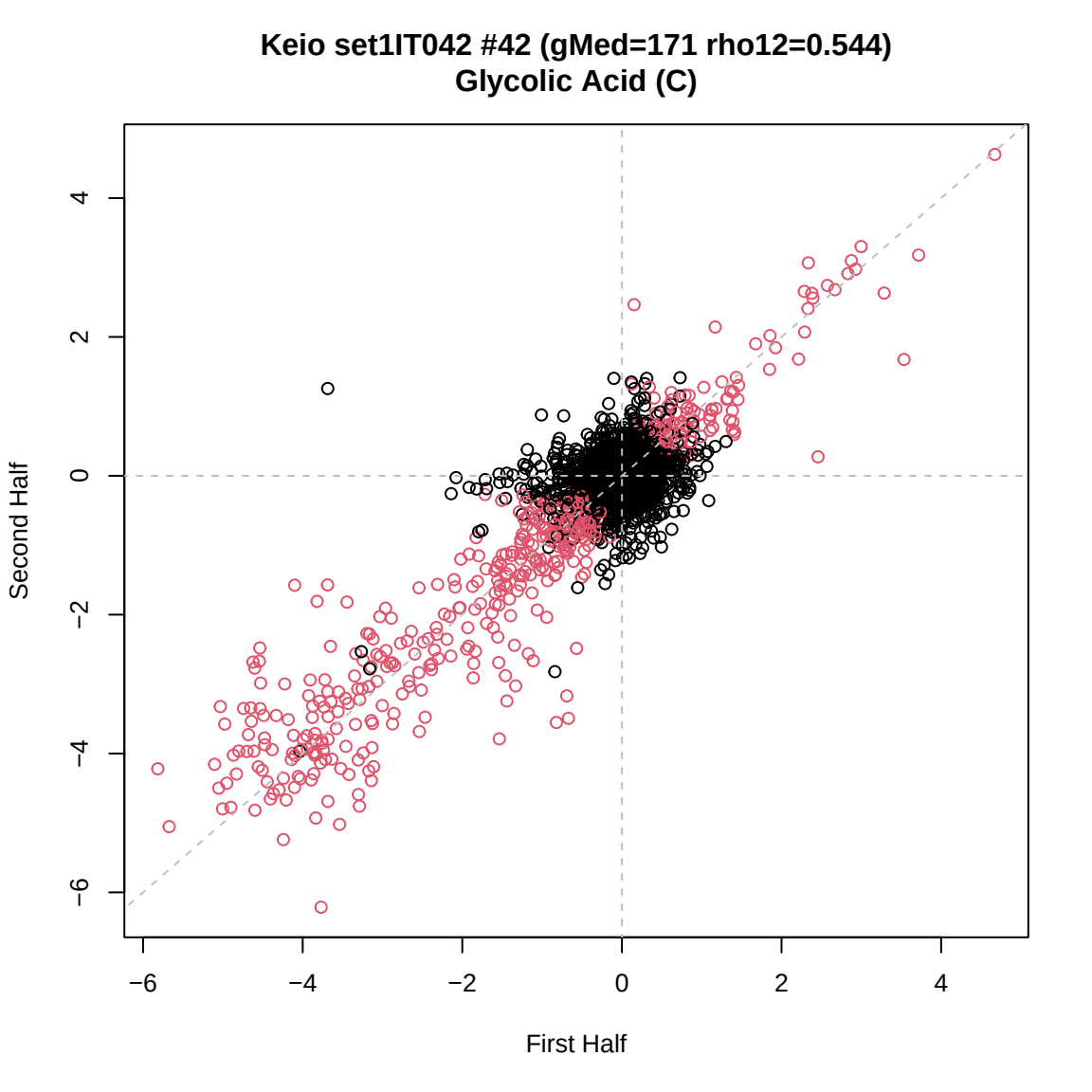

Keio set1IT037 #37 (gMed=185 rho12=0.340)
pyruvate (C)
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

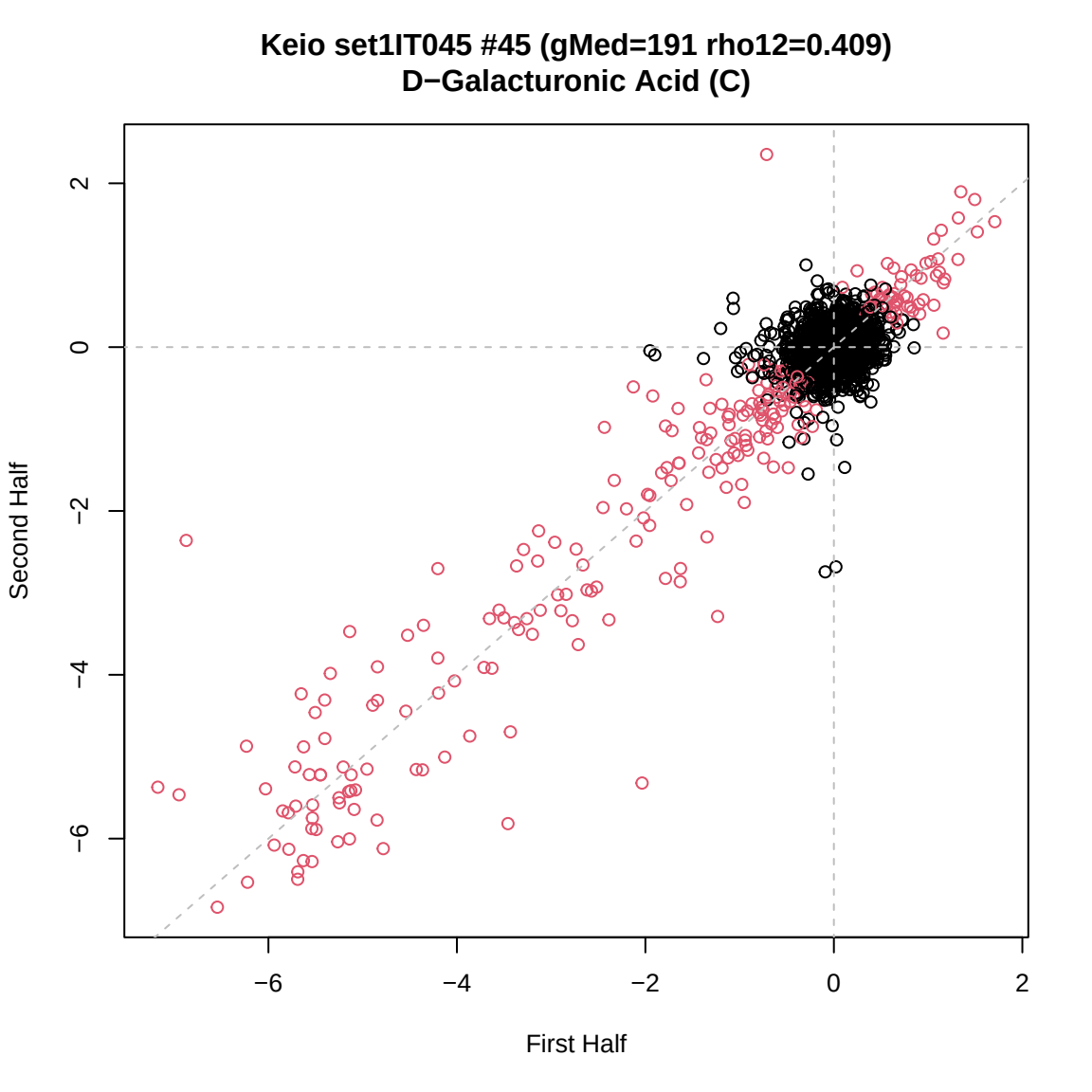

Keio set1IT038 #38 (gMed=210 rho12=0.367)
pyruvate (C)
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

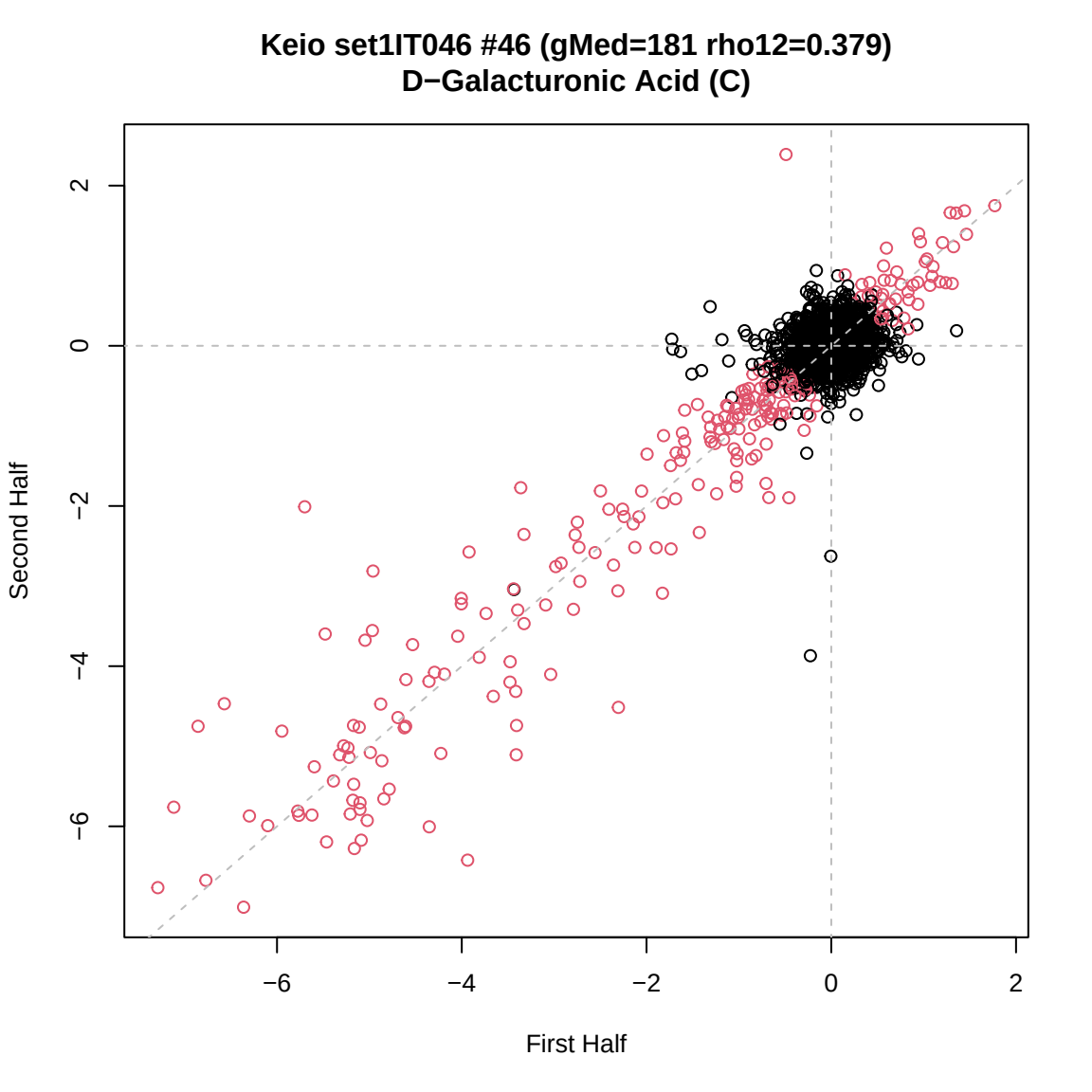

Keio set1IT039 #39 (gMed=156 rho12=0.495)
succinate (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

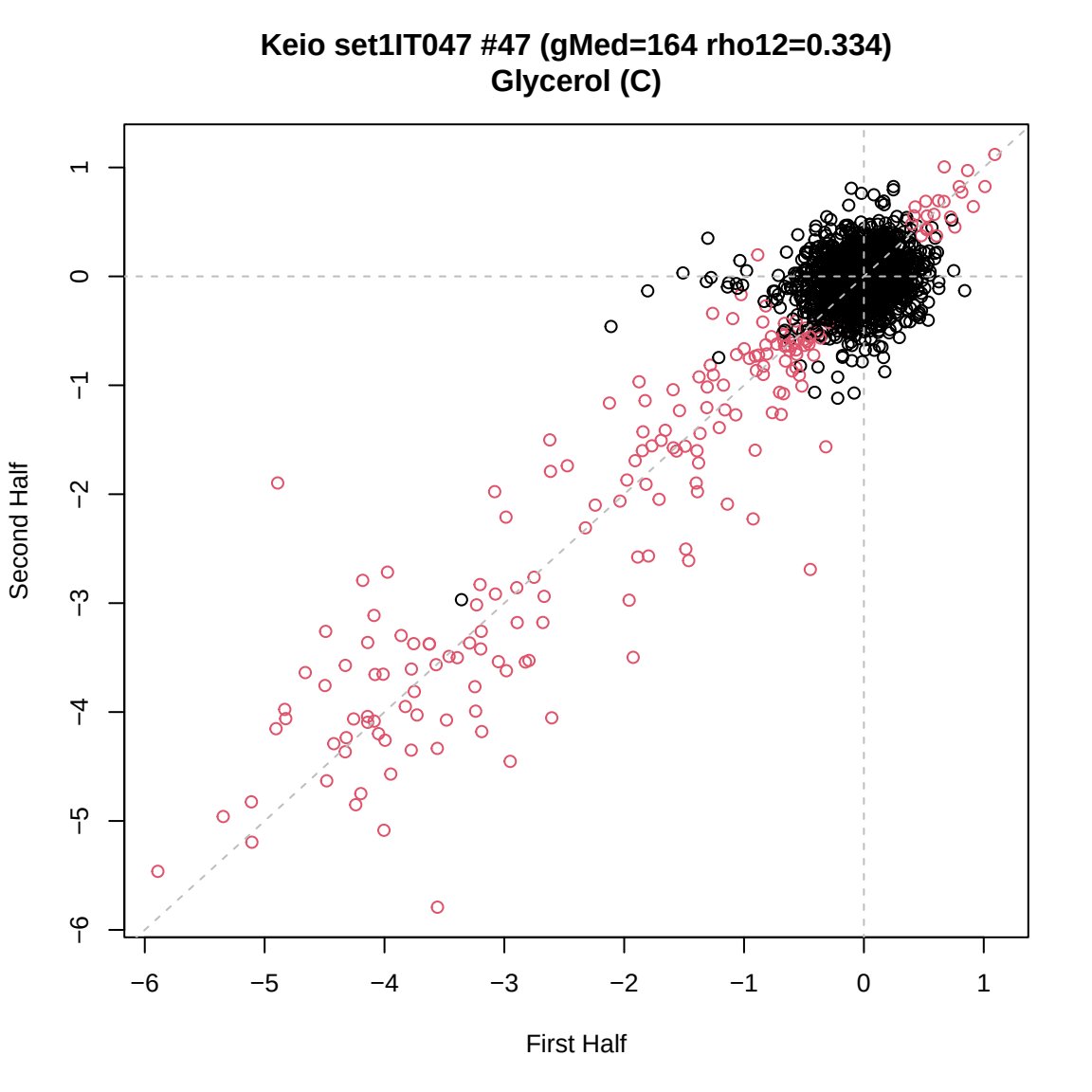

Keio set1IT040 #40 (gMed=178 rho12=0.496)
succinate (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

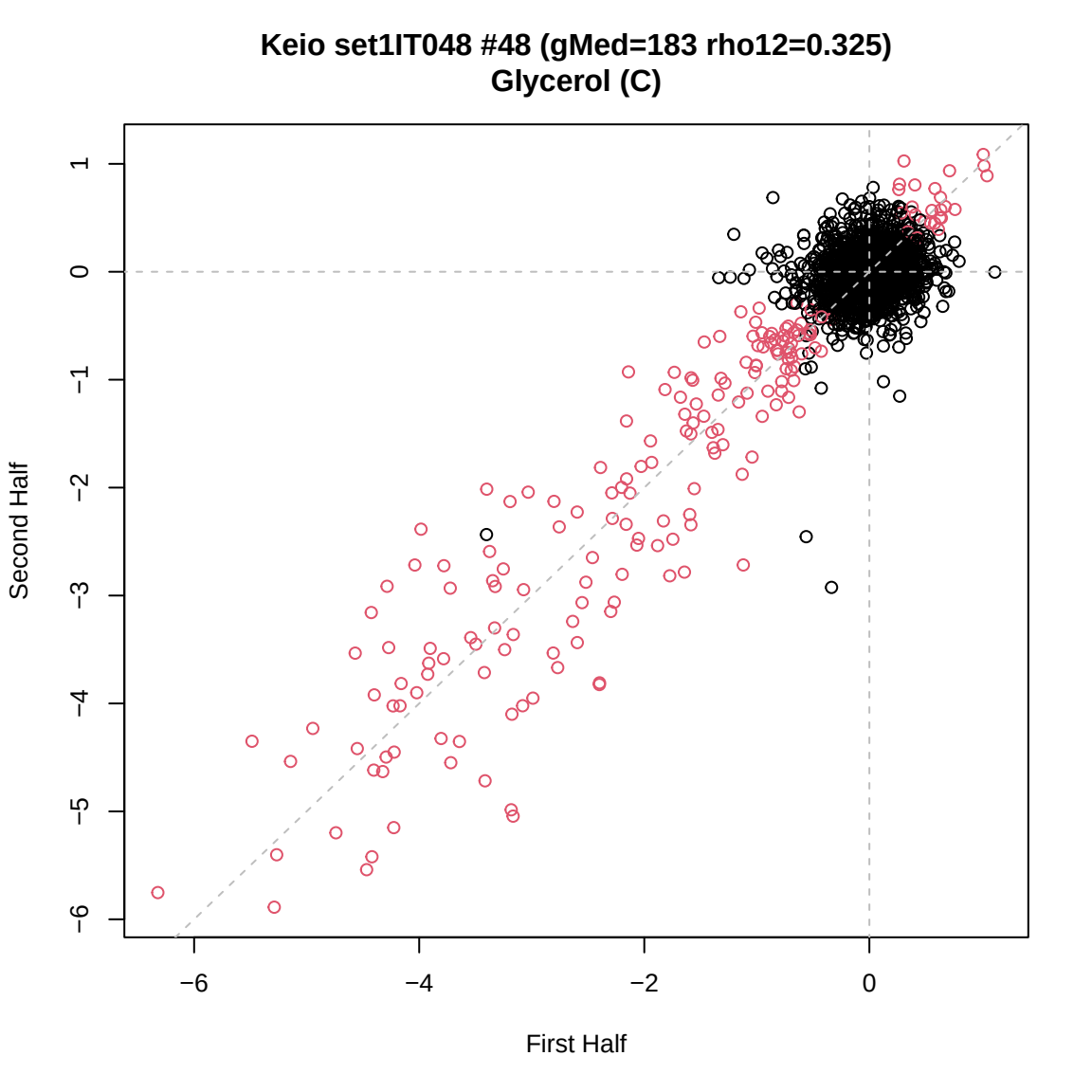

Keio set1IT041 #41 (gMed=186 rho12=0.562)
Glycolic Acid (C)
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

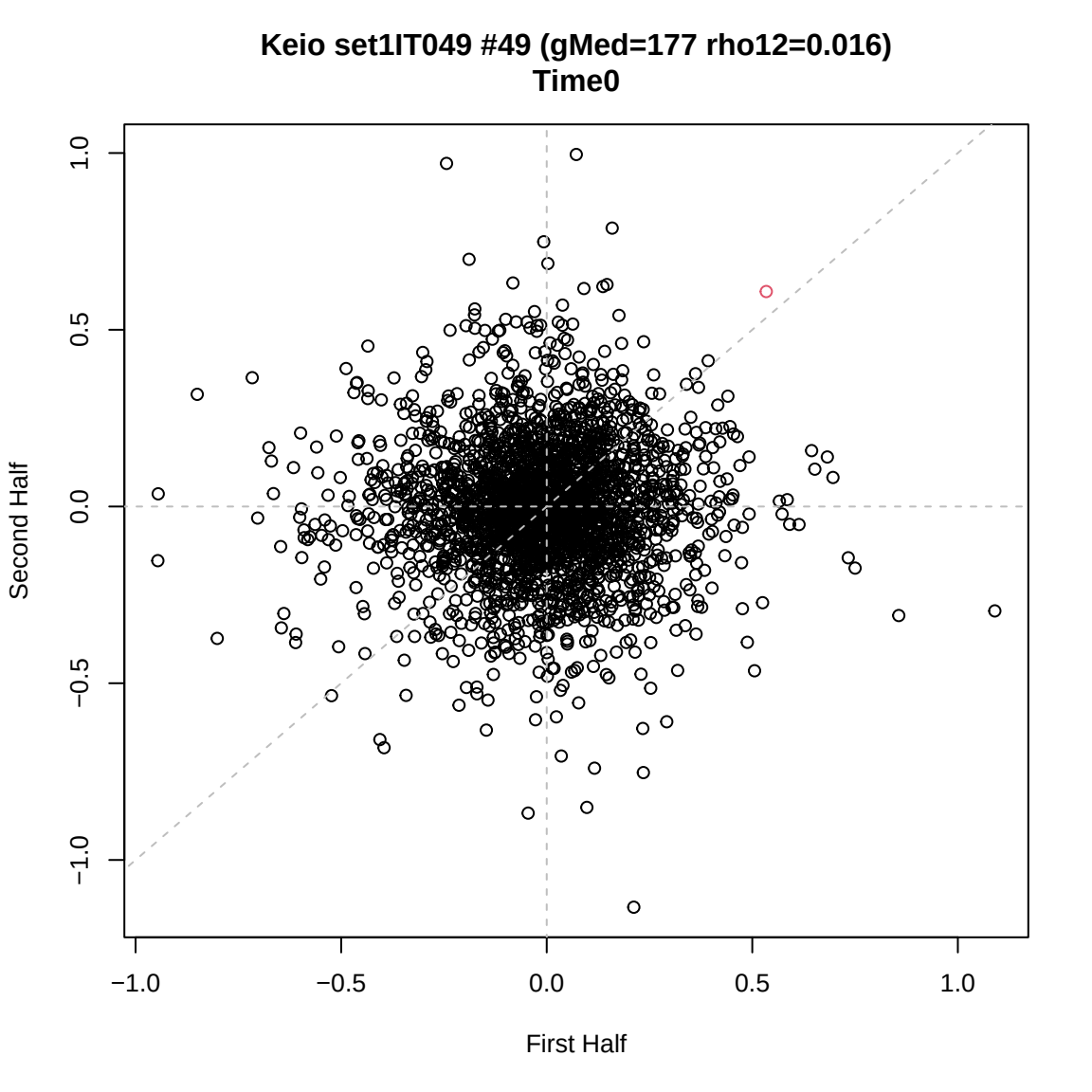

Keio set1IT042 #42 (gMed=171 rho12=0.544)
Glycolic Acid (C)
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

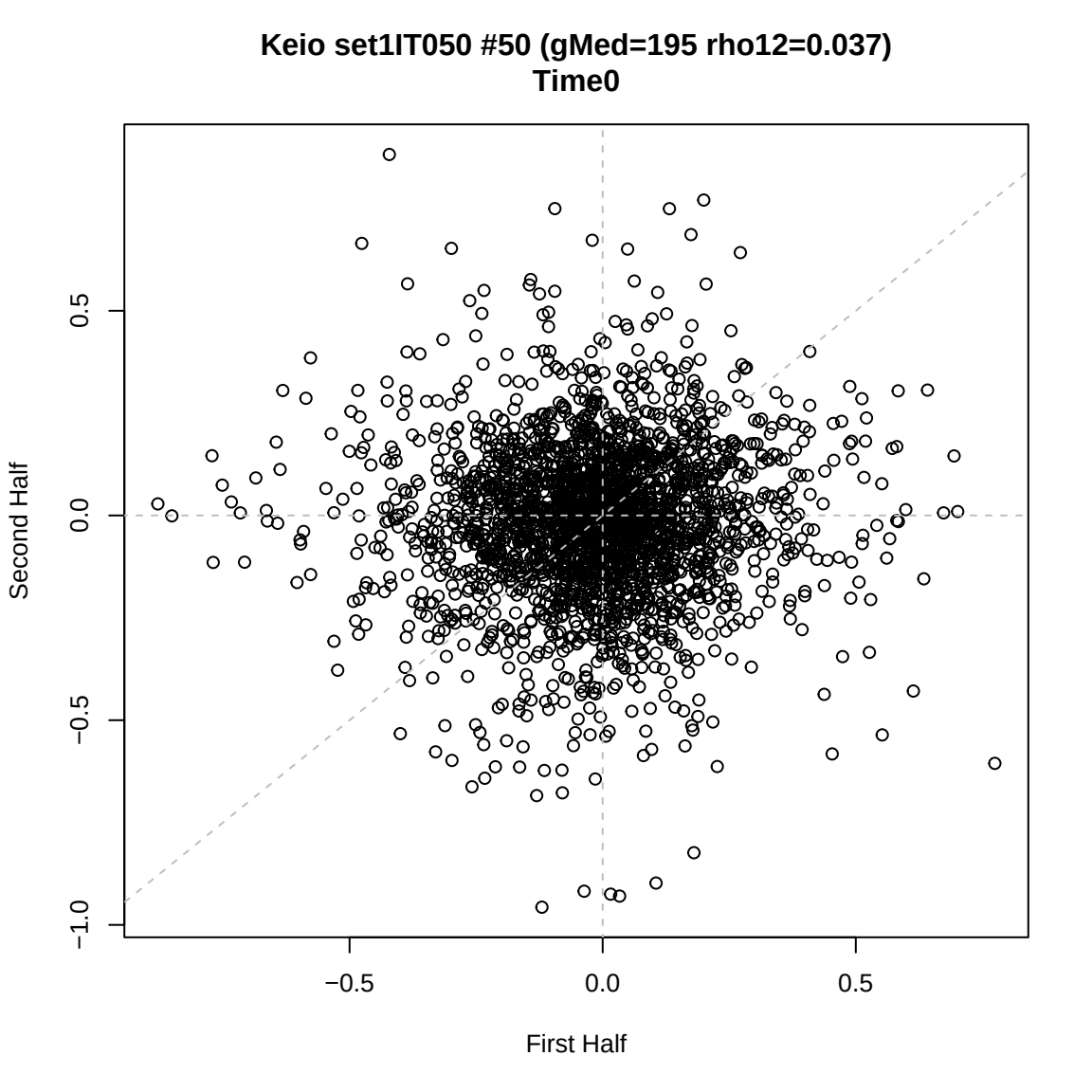

Keio set1IT045 #45 (gMed=191 rho12=0.409)
D−Galacturonic Acid (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

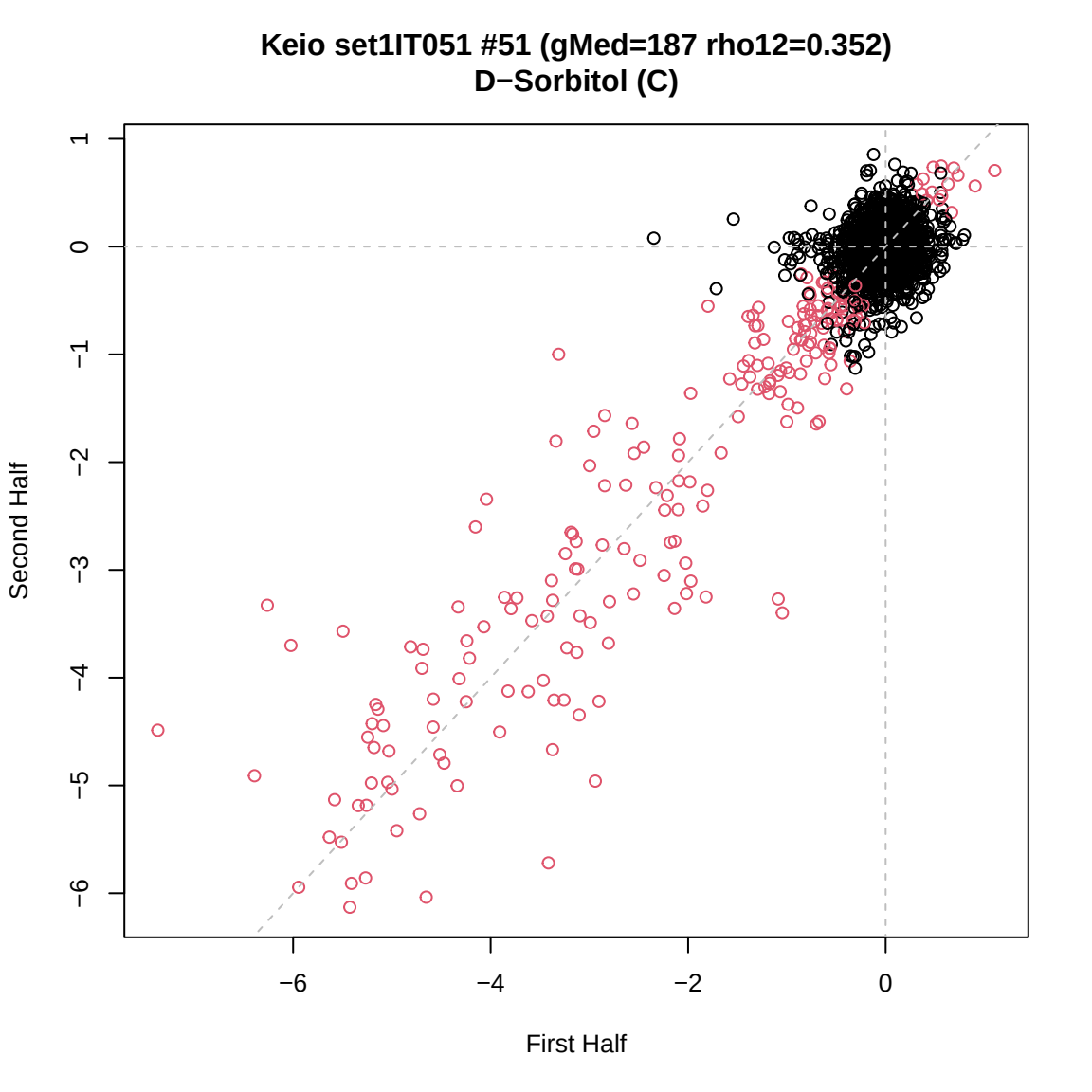

Keio set1IT046 #46 (gMed=181 rho12=0.379)
D−Galacturonic Acid (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

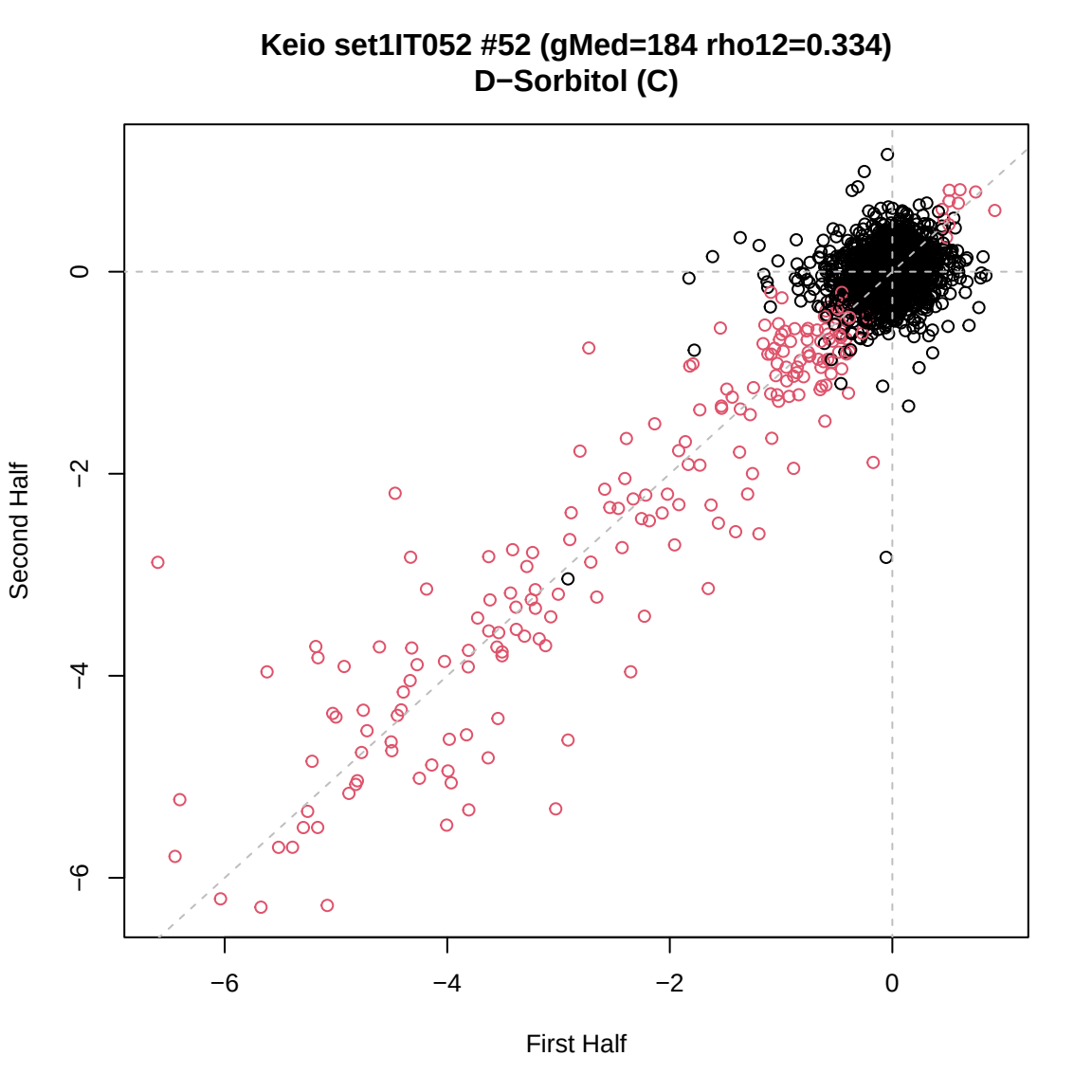

Keio set1IT047 #47 (gMed=164 rho12=0.334)
Glycerol (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−5
−4
−3
−2
−1
0
1

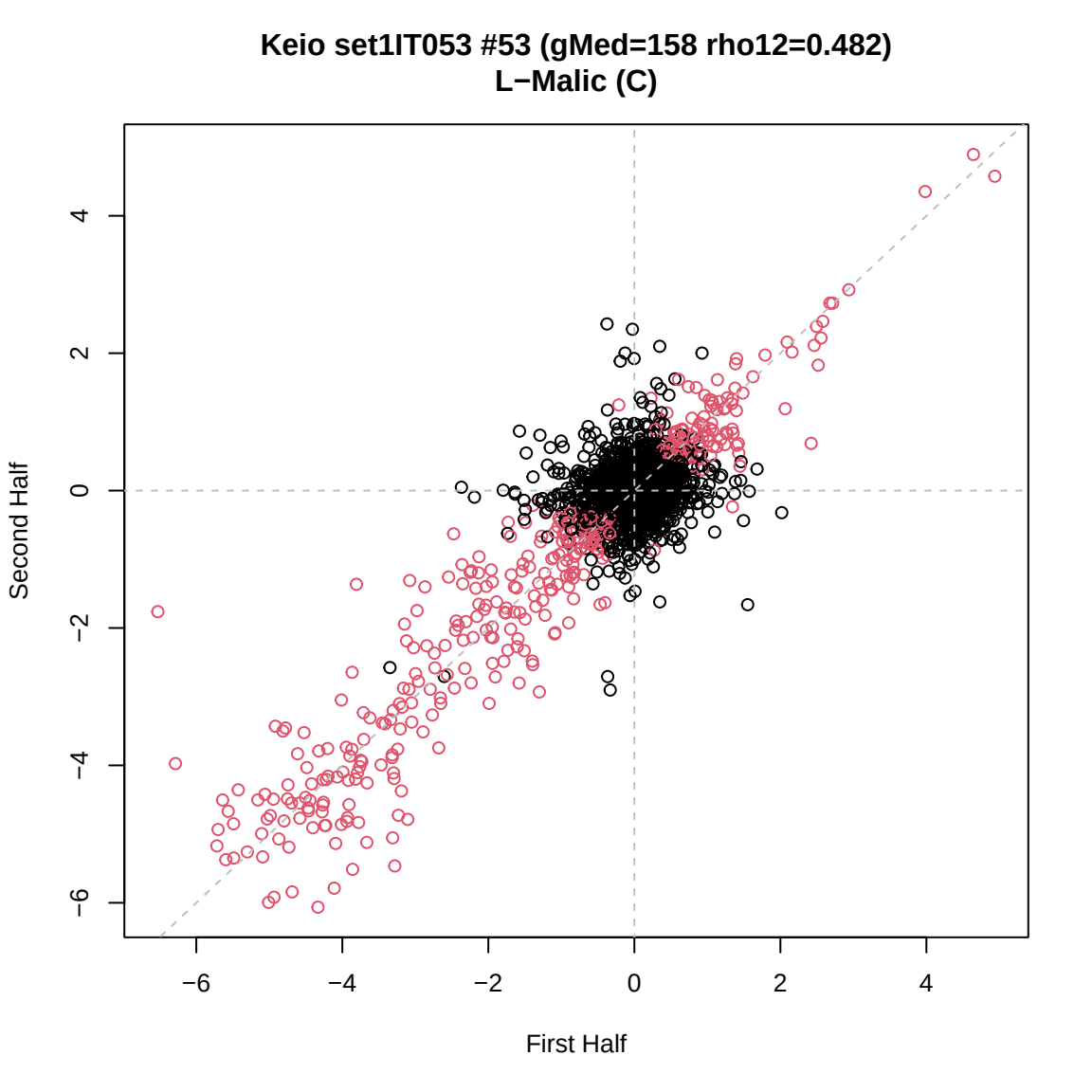

Keio set1IT048 #48 (gMed=183 rho12=0.325)
Glycerol (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

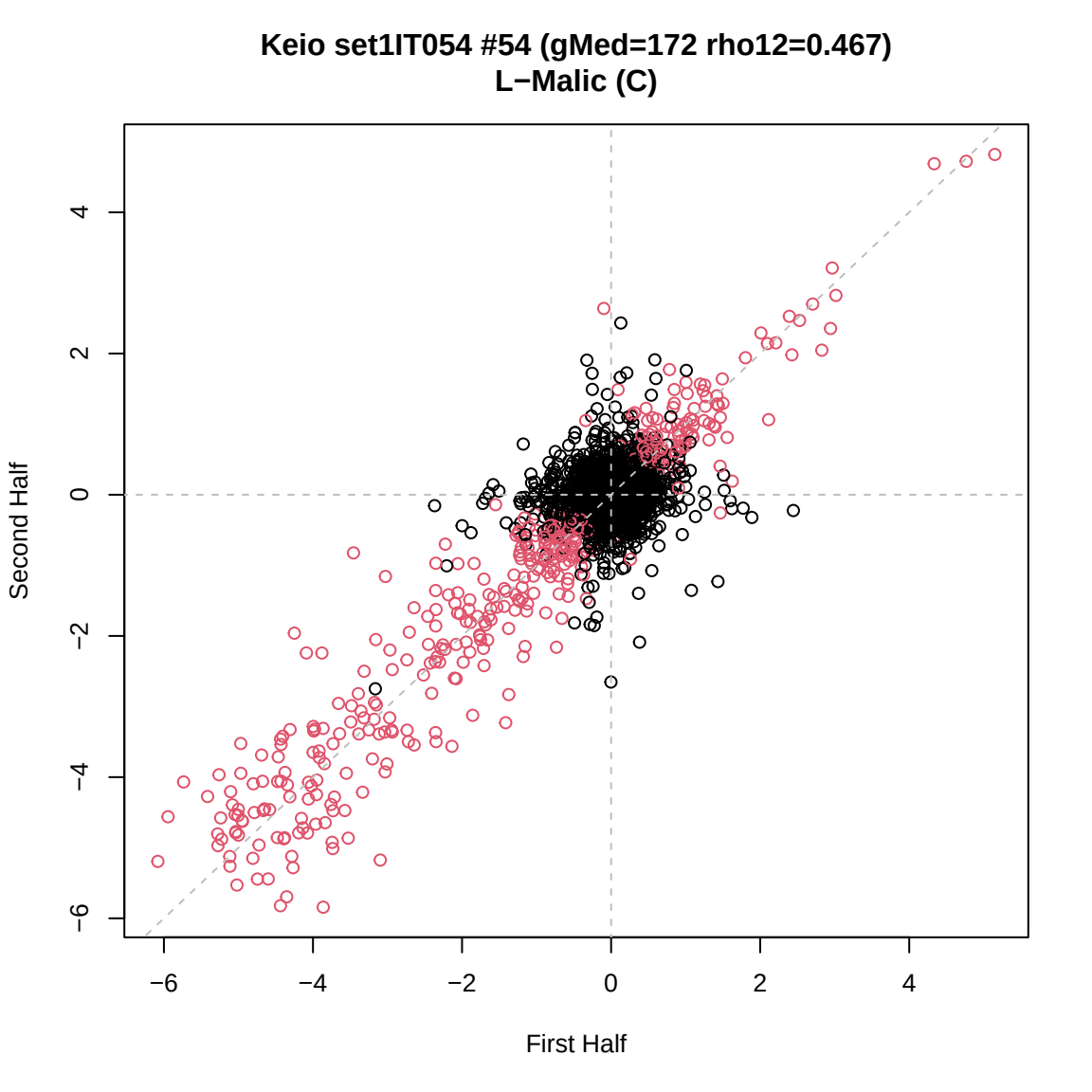

Keio set1IT049 #49 (gMed=177 rho12=0.016)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

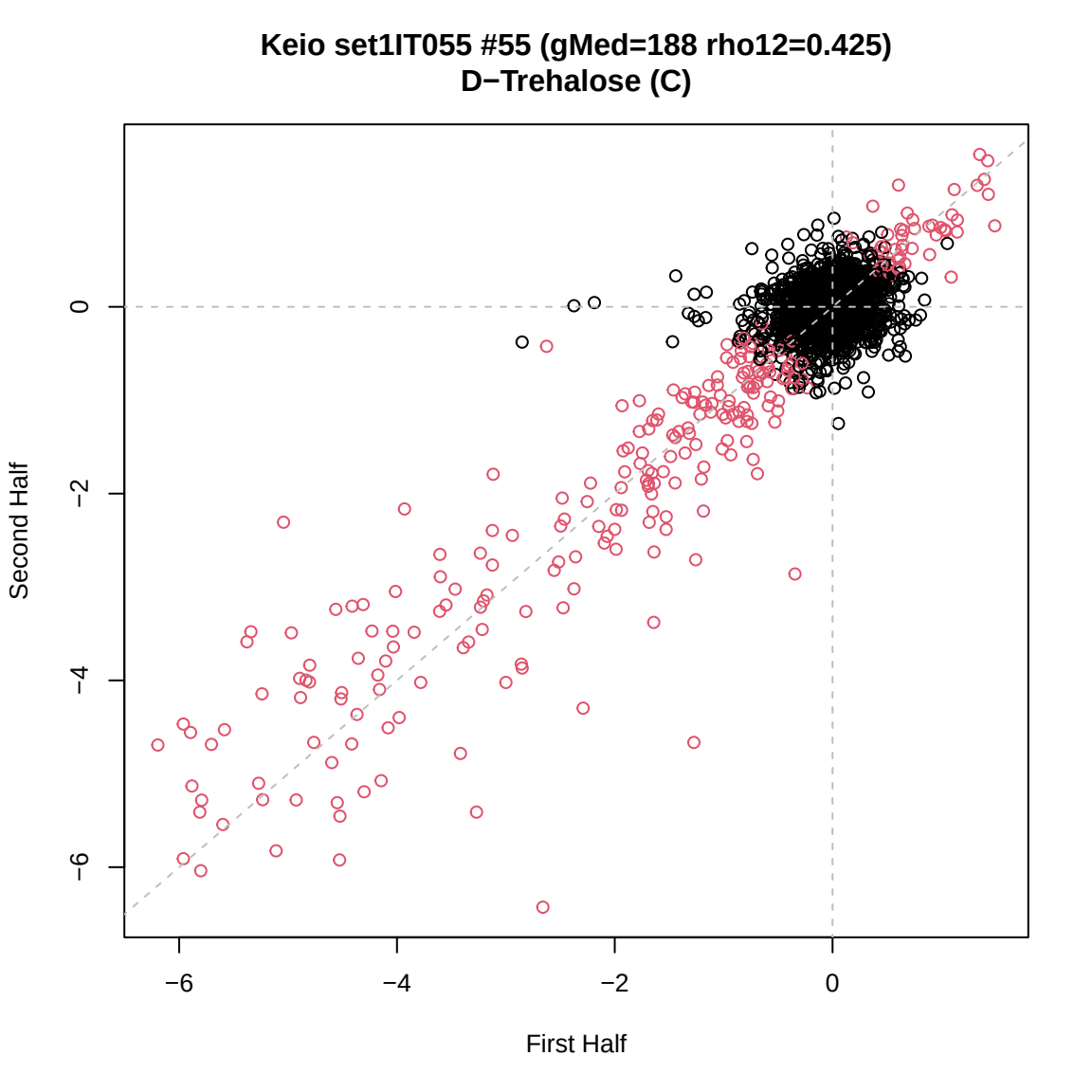

Keio set1IT050 #50 (gMed=195 rho12=0.037)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

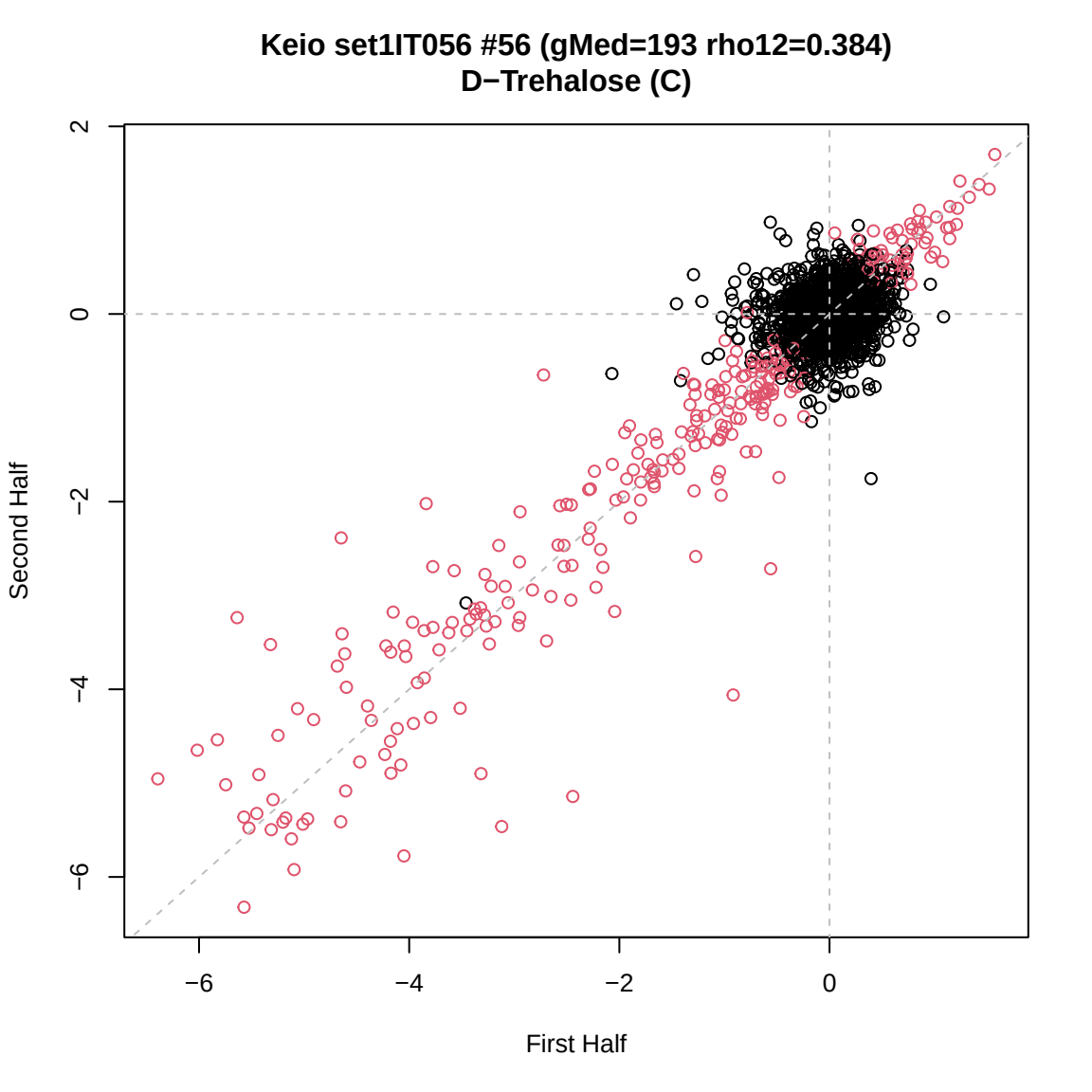

Keio set1IT051 #51 (gMed=187 rho12=0.352)
D−Sorbitol (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

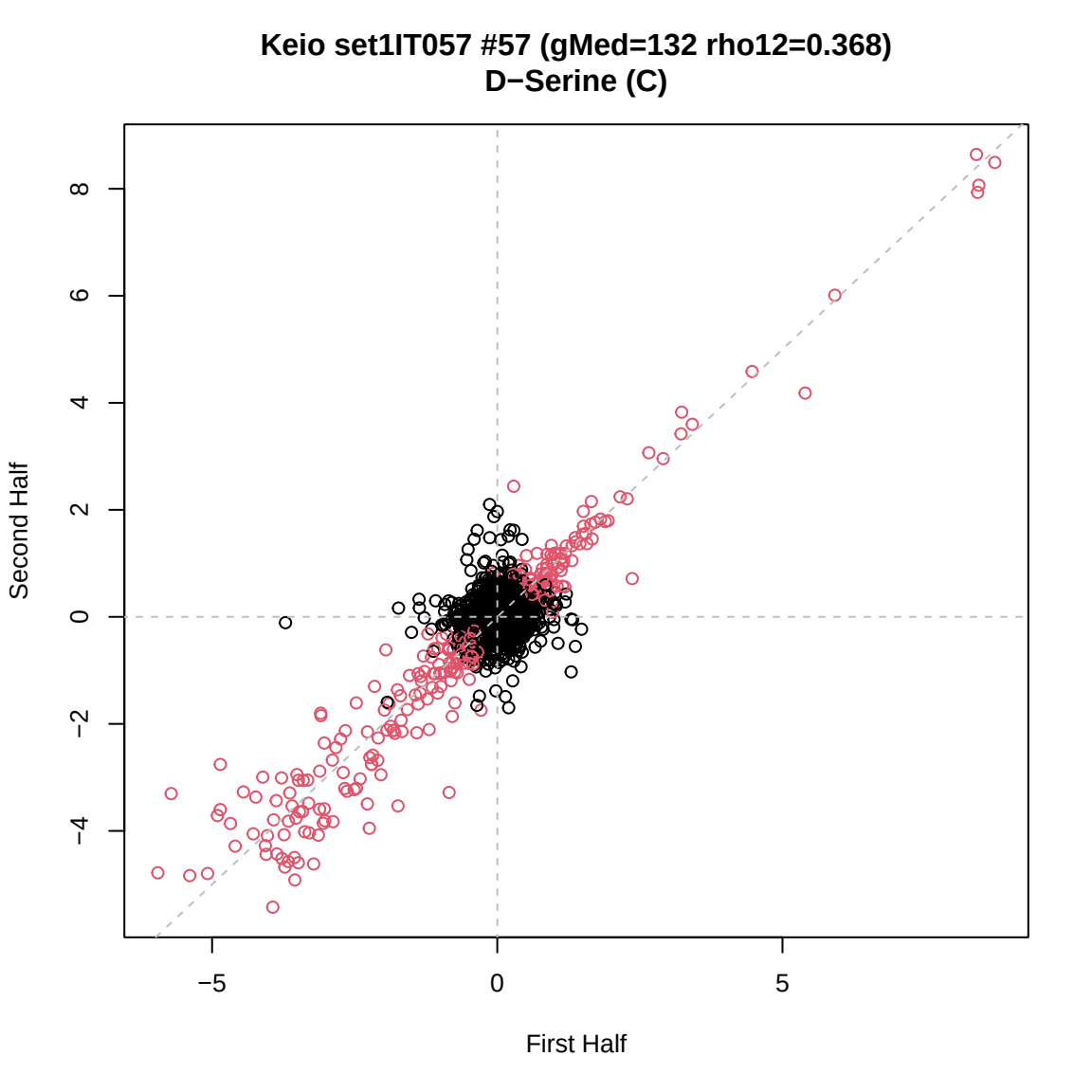

Keio set1IT052 #52 (gMed=184 rho12=0.334)
D−Sorbitol (C)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

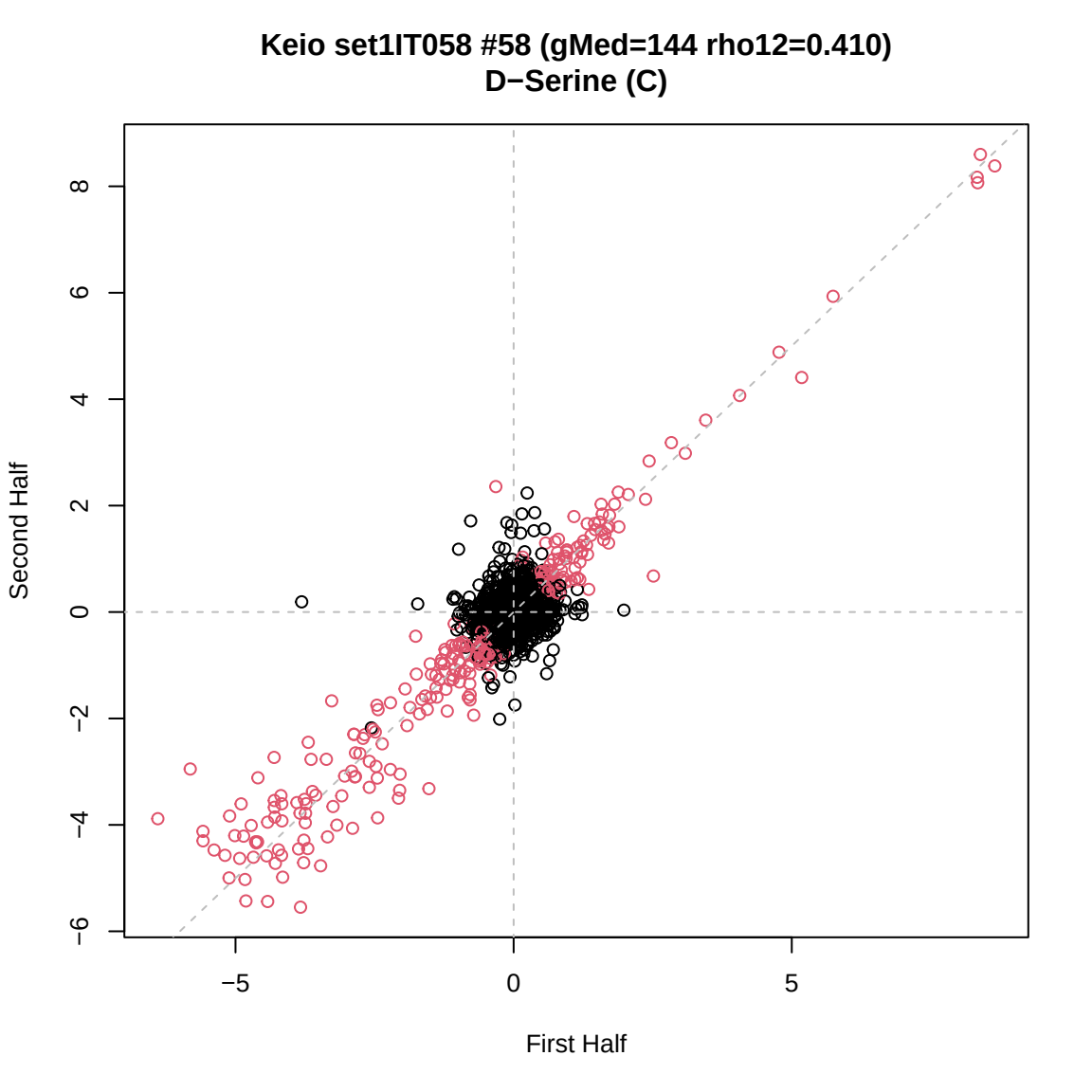

Keio set1IT053 #53 (gMed=158 rho12=0.482)
L−Malic (C)
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

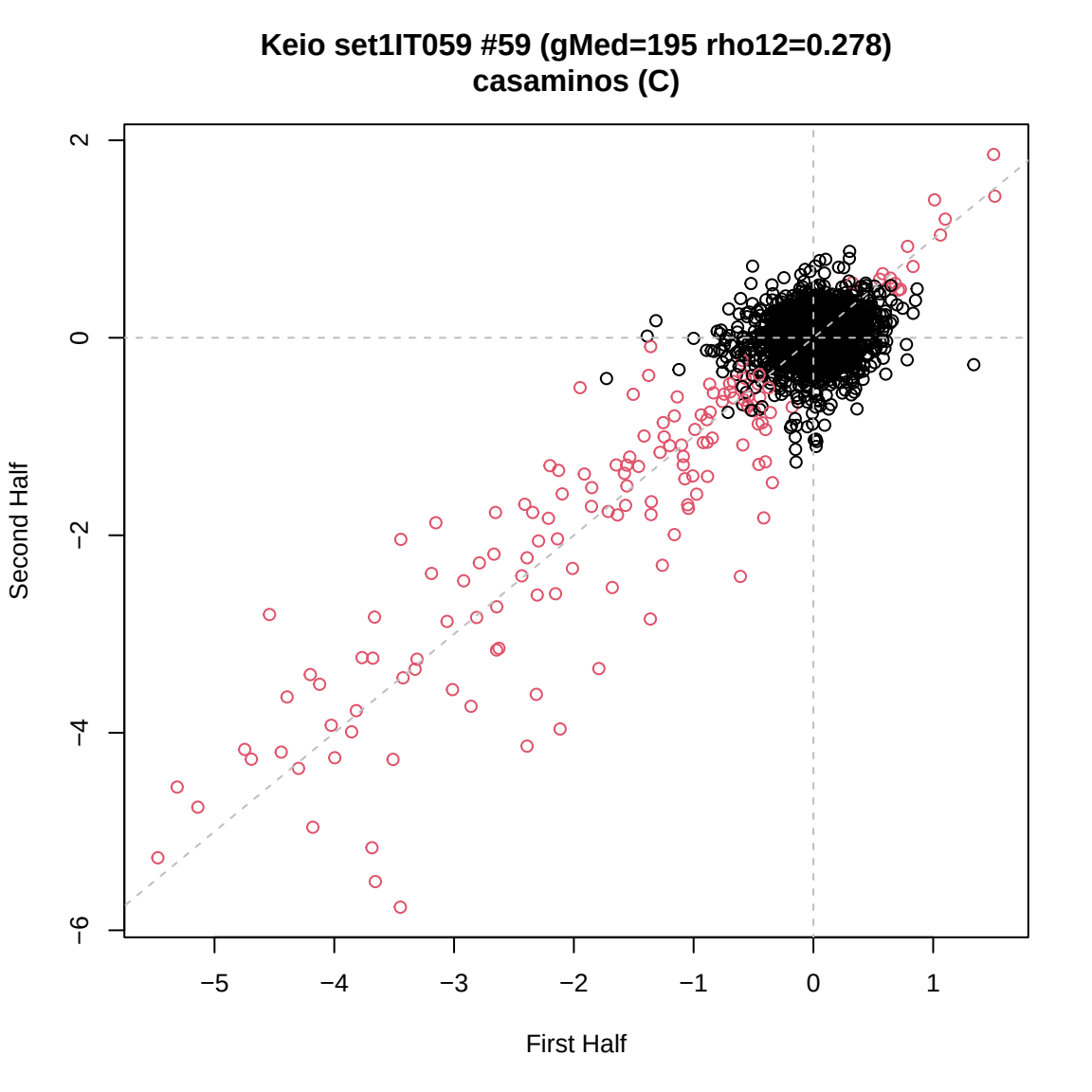

Keio set1IT054 #54 (gMed=172 rho12=0.467)
L−Malic (C)
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

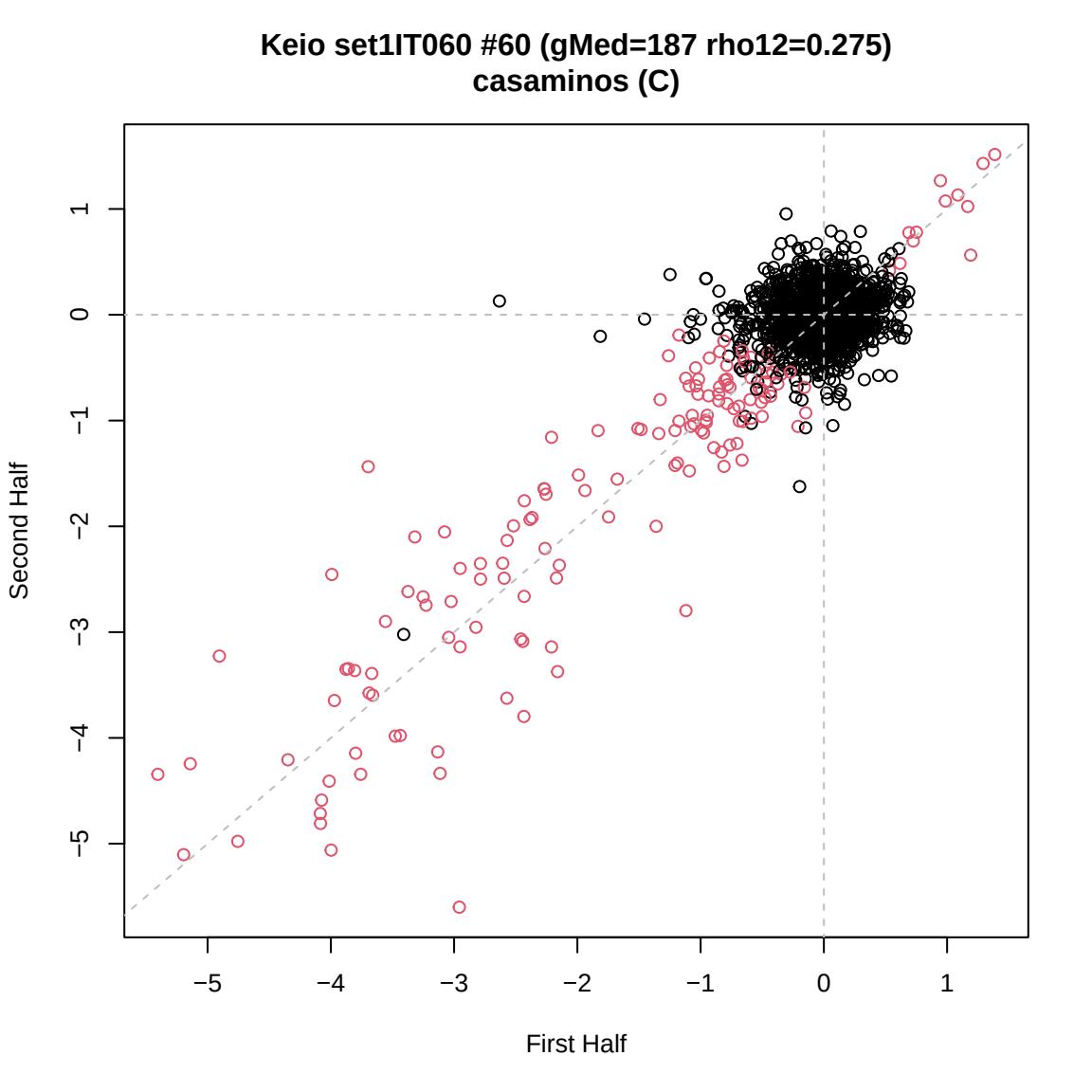

Keio set1IT055 #55 (gMed=188 rho12=0.425)
D−Trehalose (C)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

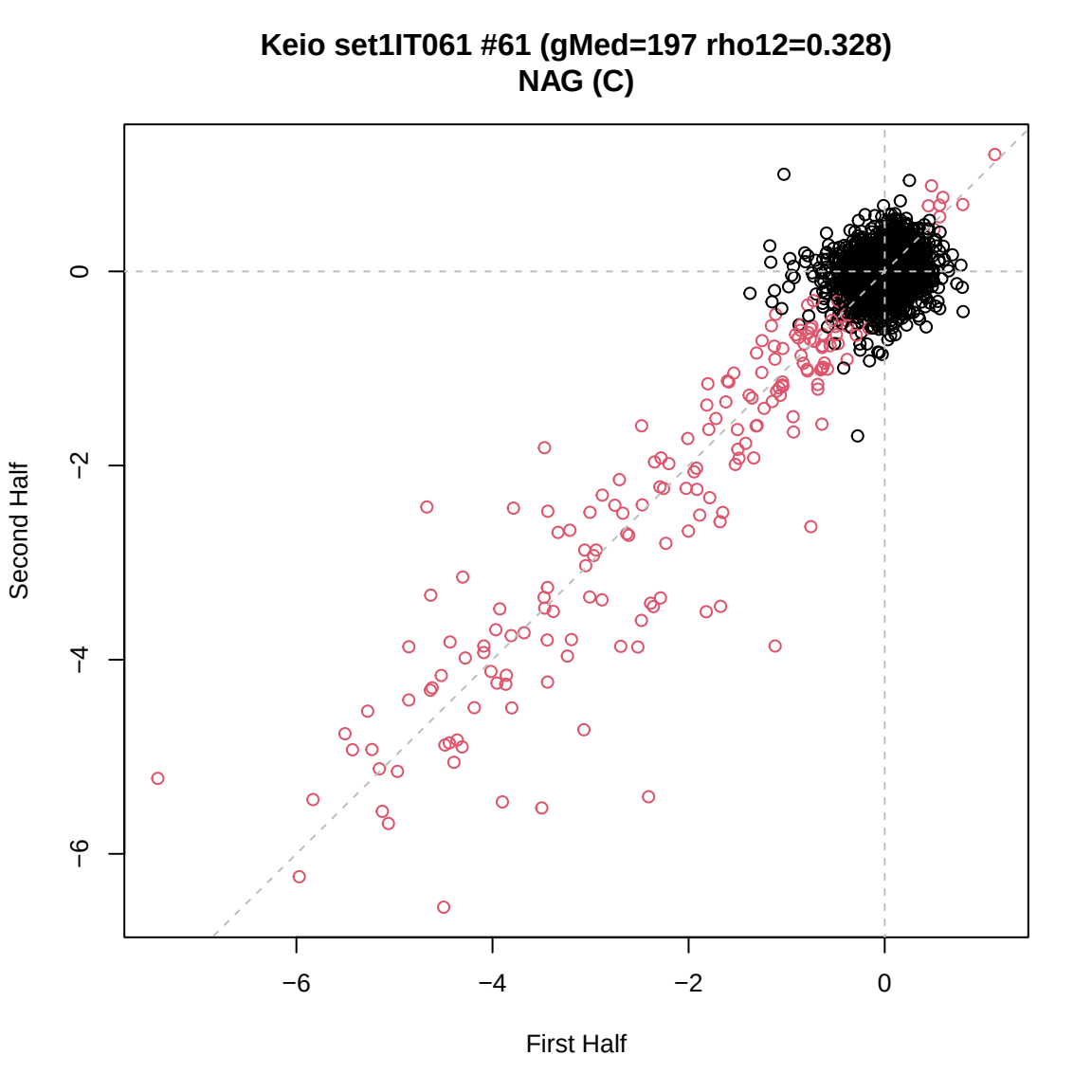

Keio set1IT056 #56 (gMed=193 rho12=0.384)
D−Trehalose (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0

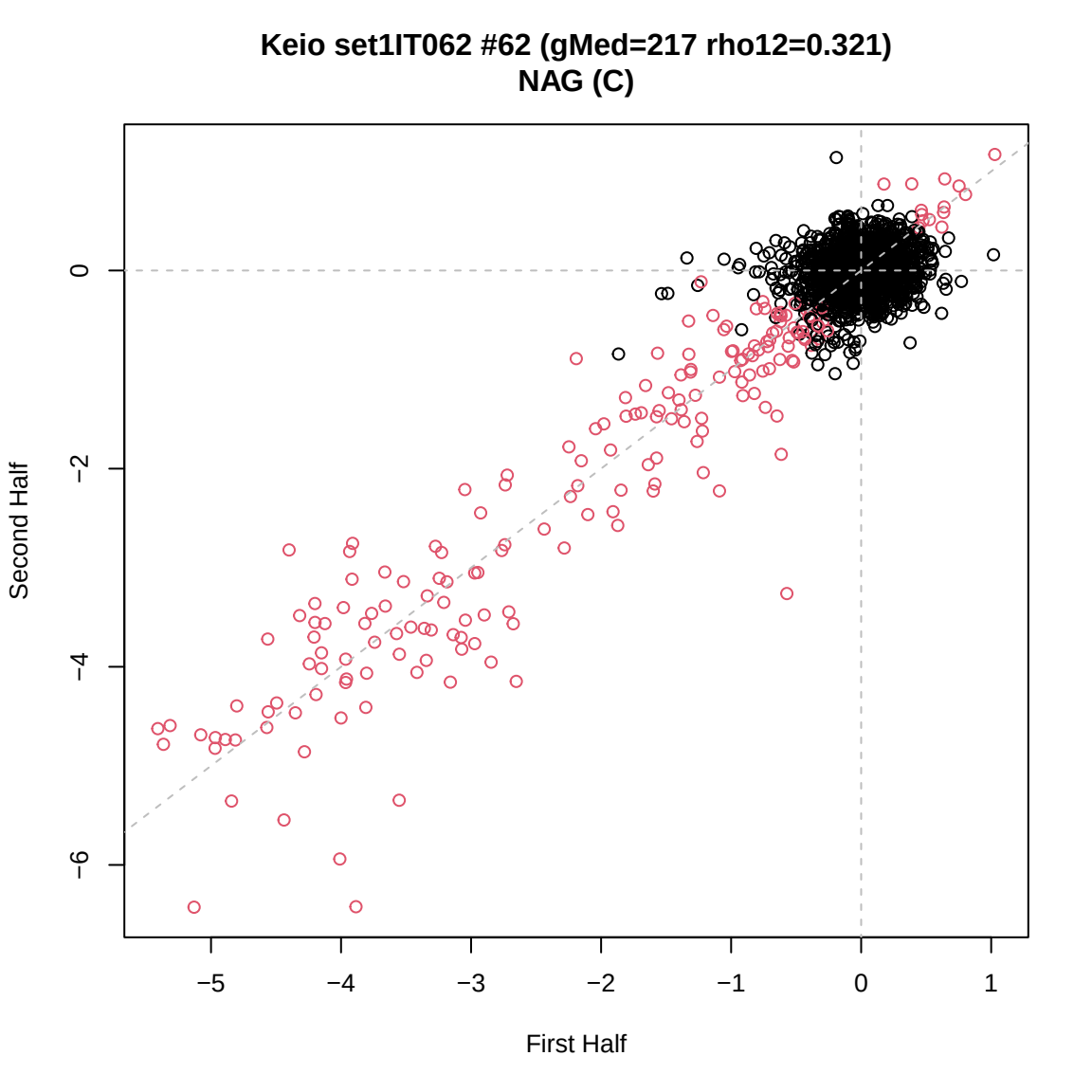

Keio set1IT057 #57 (gMed=132 rho12=0.368)
D−Serine (C)
Second Half
First Half
8
6
4
2
0
−2
−4
−5
0
5

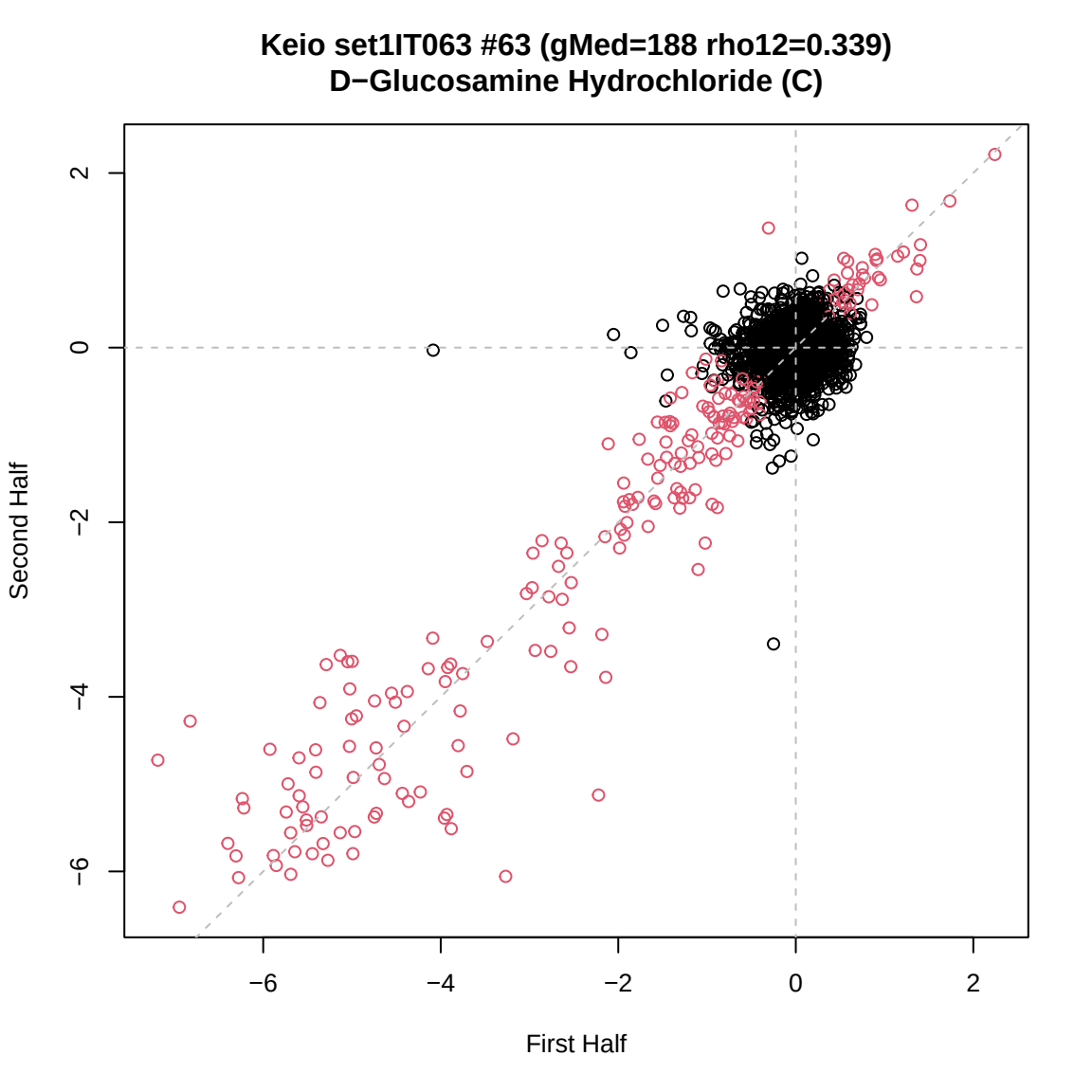

Keio set1IT058 #58 (gMed=144 rho12=0.410)
D−Serine (C)
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−5
0
5

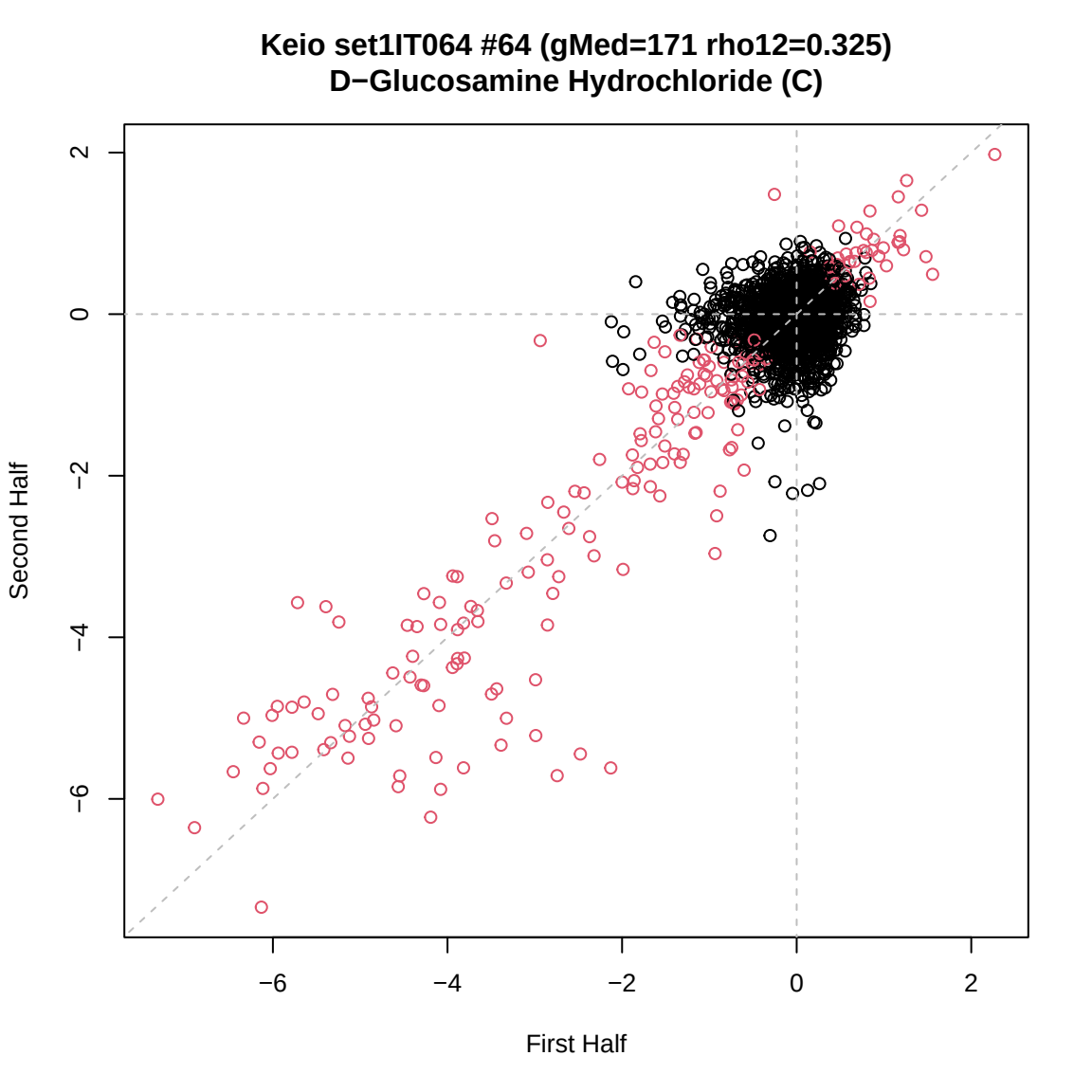

Keio set1IT059 #59 (gMed=195 rho12=0.278)
casaminos (C)
Second Half
First Half
2
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

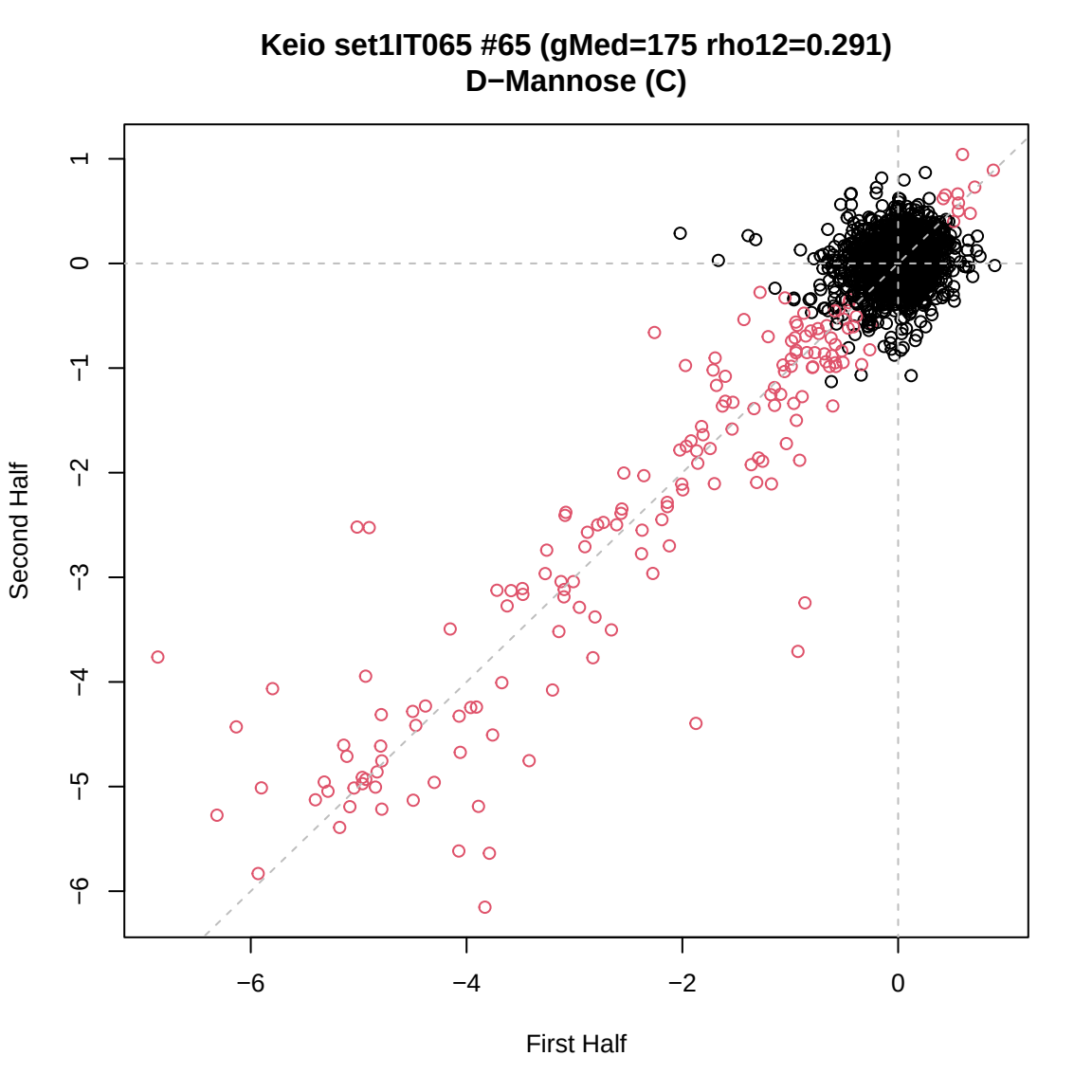

Keio set1IT060 #60 (gMed=187 rho12=0.275)
casaminos (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

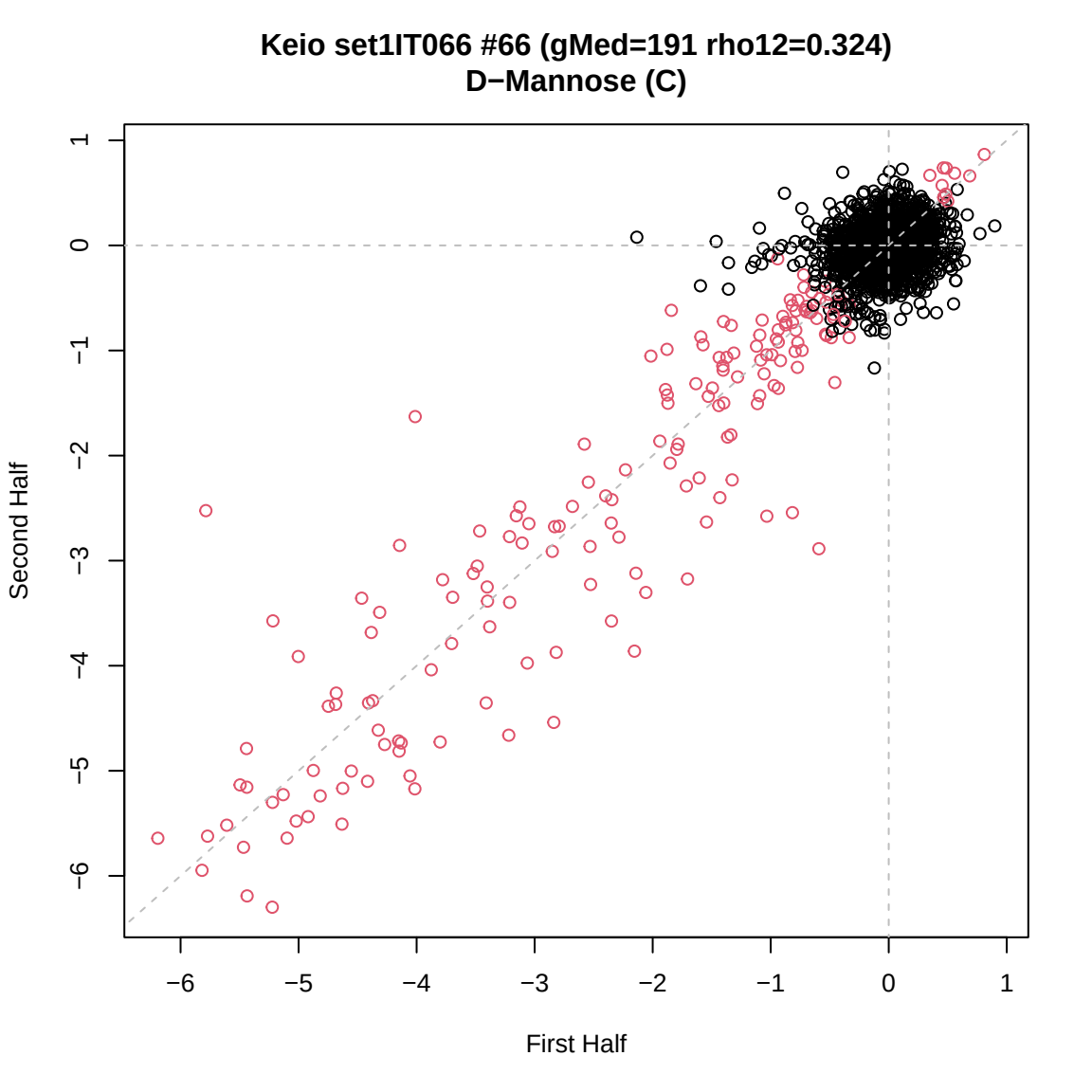

Keio set1IT061 #61 (gMed=197 rho12=0.328)
NAG (C)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

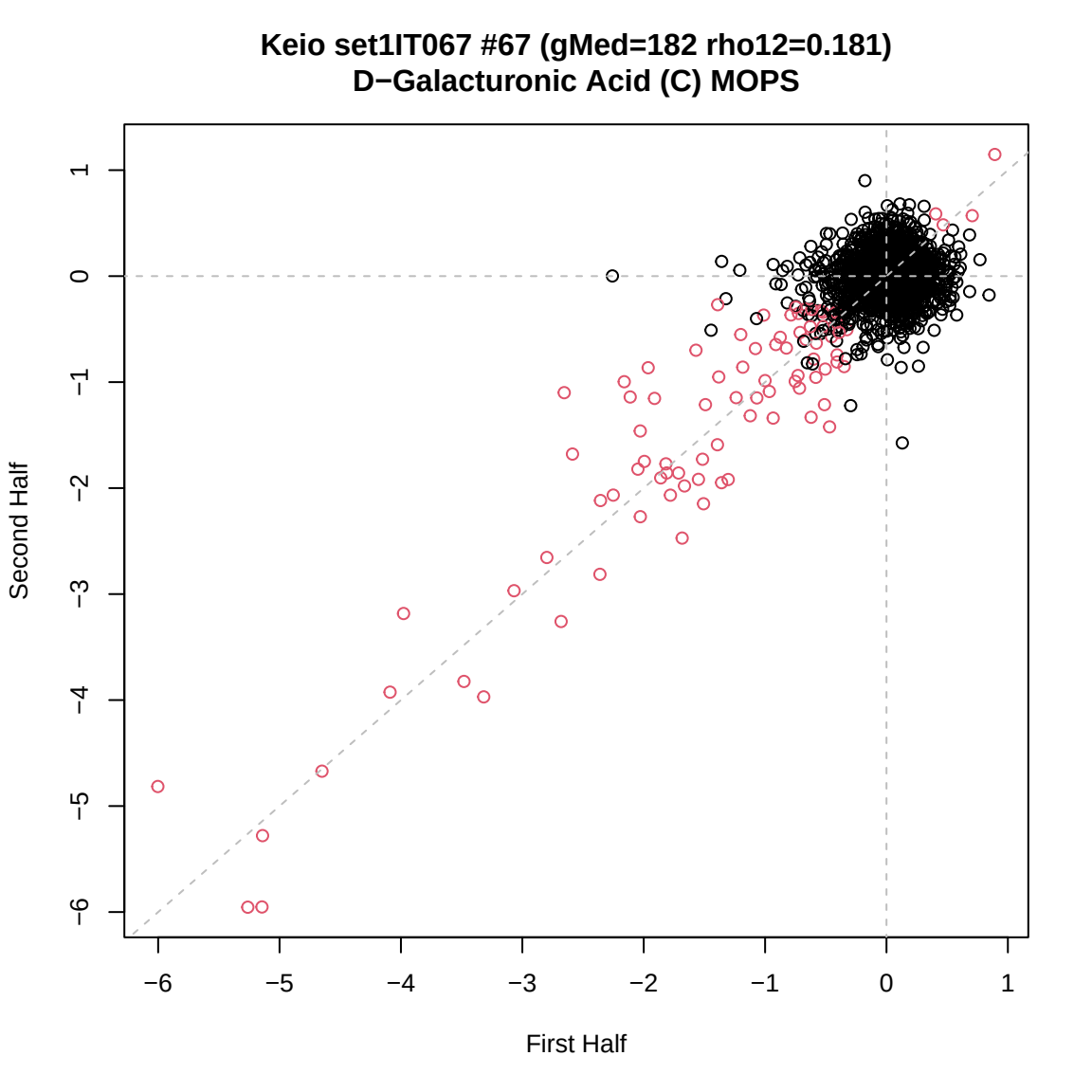

Keio set1IT062 #62 (gMed=217 rho12=0.321)
NAG (C)
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

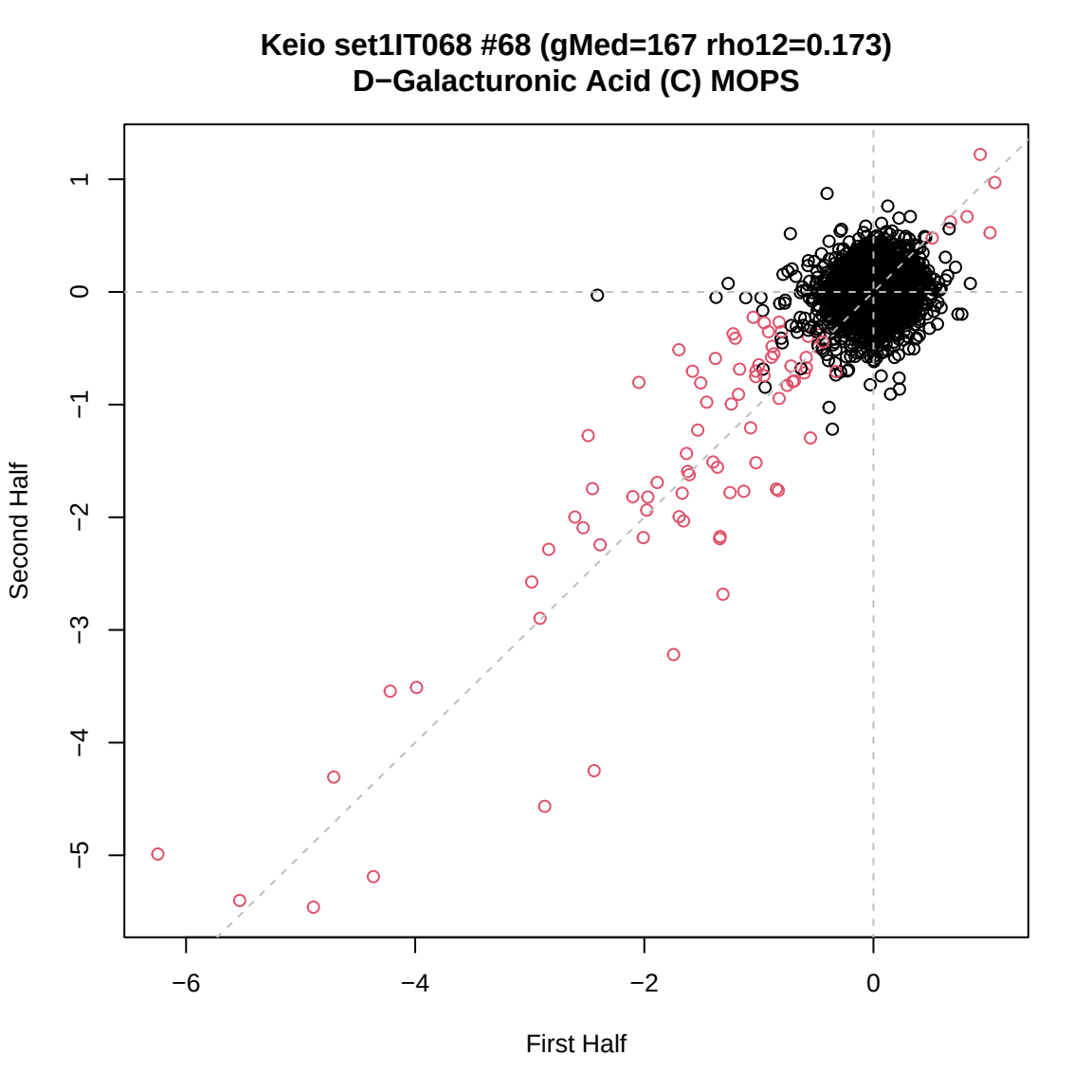

Keio set1IT063 #63 (gMed=188 rho12=0.339)
D−Glucosamine Hydrochloride (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

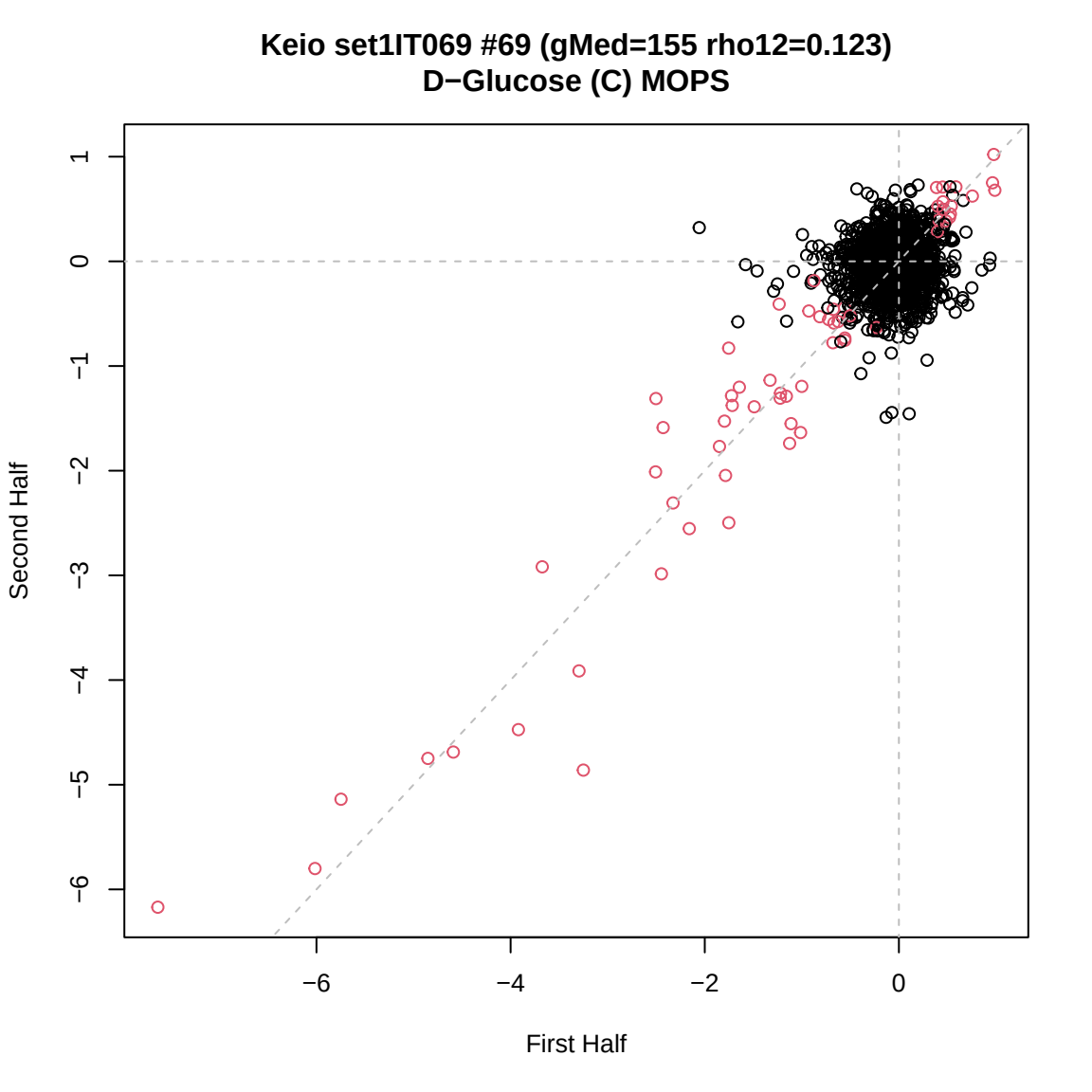

Keio set1IT064 #64 (gMed=171 rho12=0.325)
D−Glucosamine Hydrochloride (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

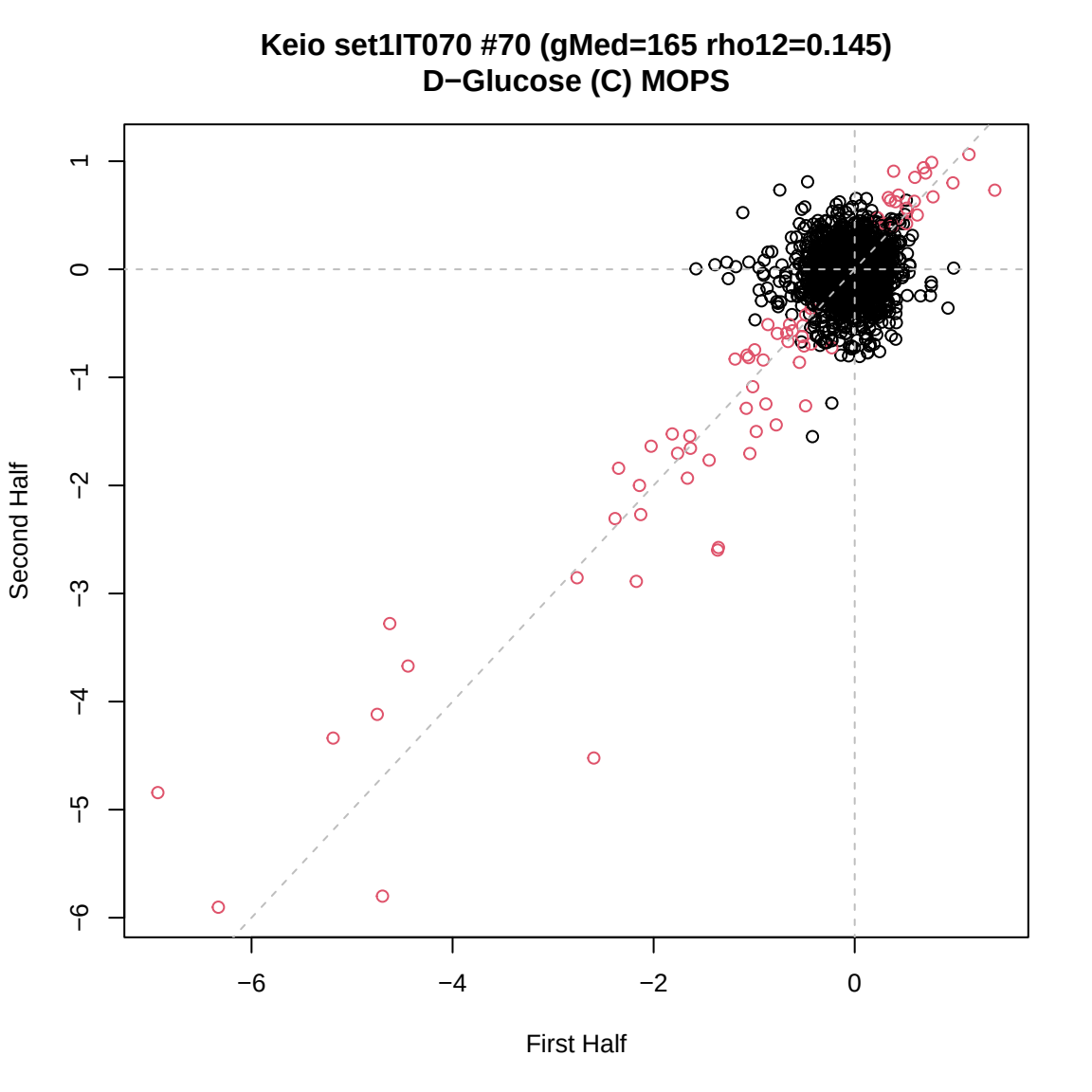

Keio set1IT065 #65 (gMed=175 rho12=0.291)
D−Mannose (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

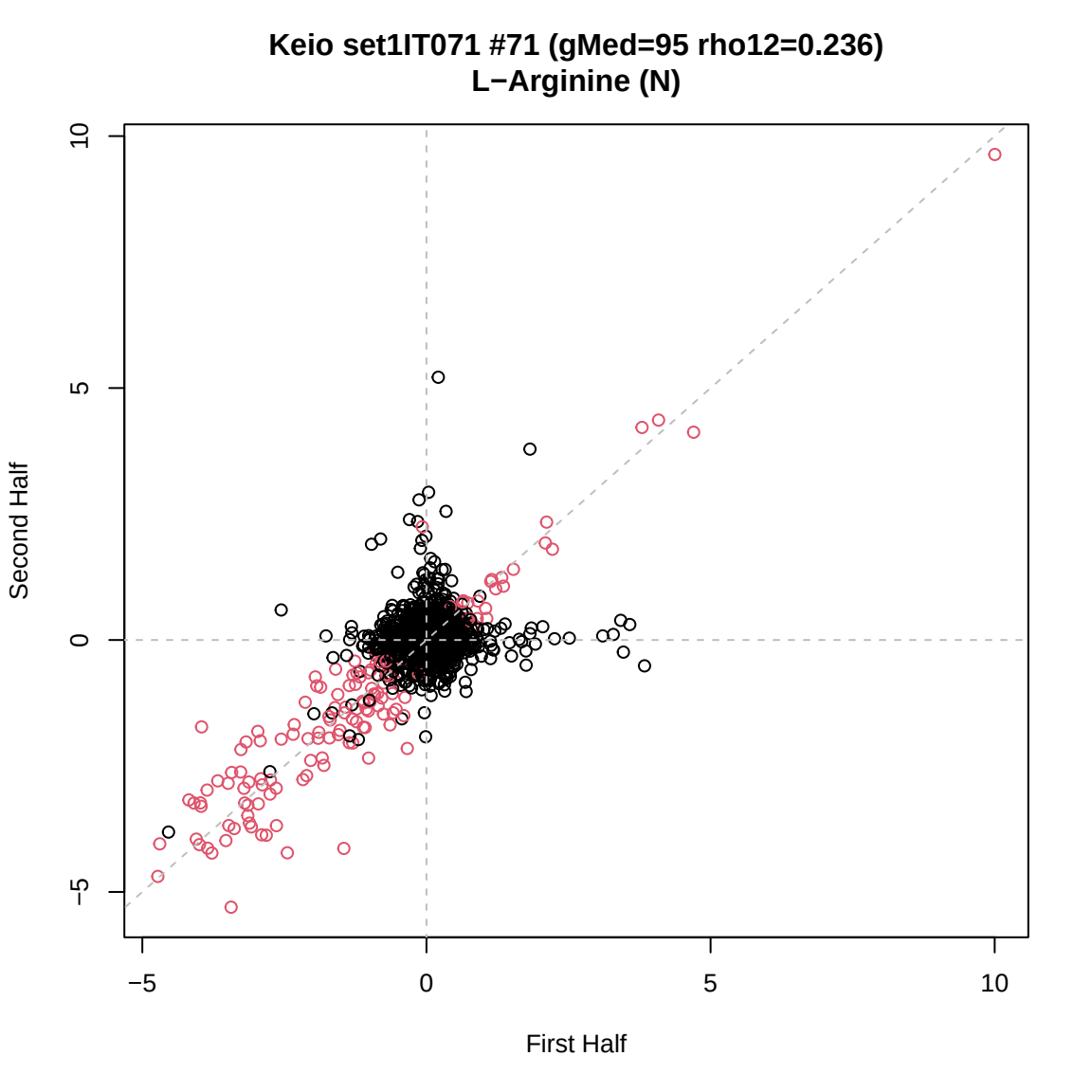

Keio set1IT066 #66 (gMed=191 rho12=0.324)
D−Mannose (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−5
−4
−3
−2
−1
0
1

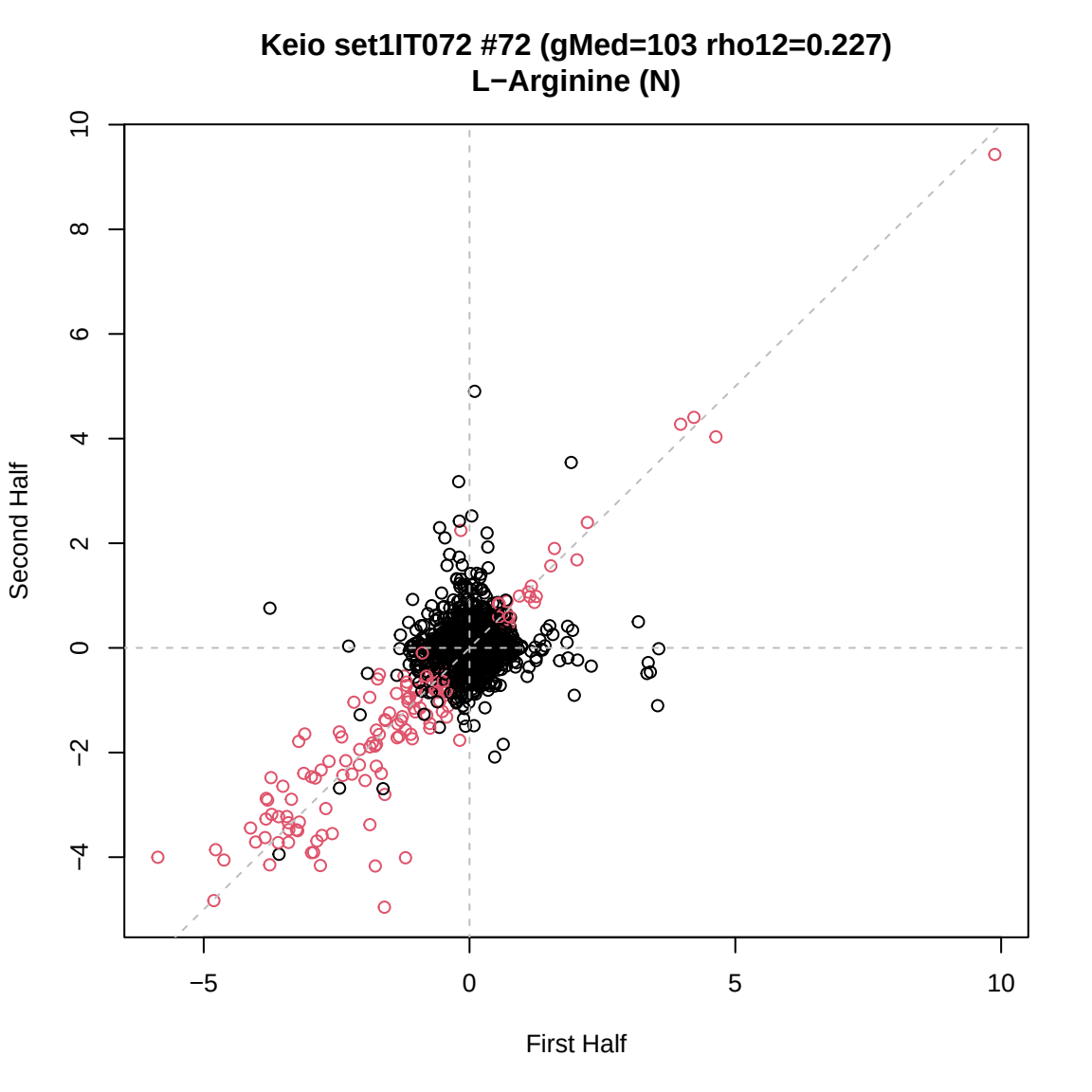

Keio set1IT067 #67 (gMed=182 rho12=0.181)
D−Galacturonic Acid (C) MOPS
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−5
−4
−3
−2
−1
0
1

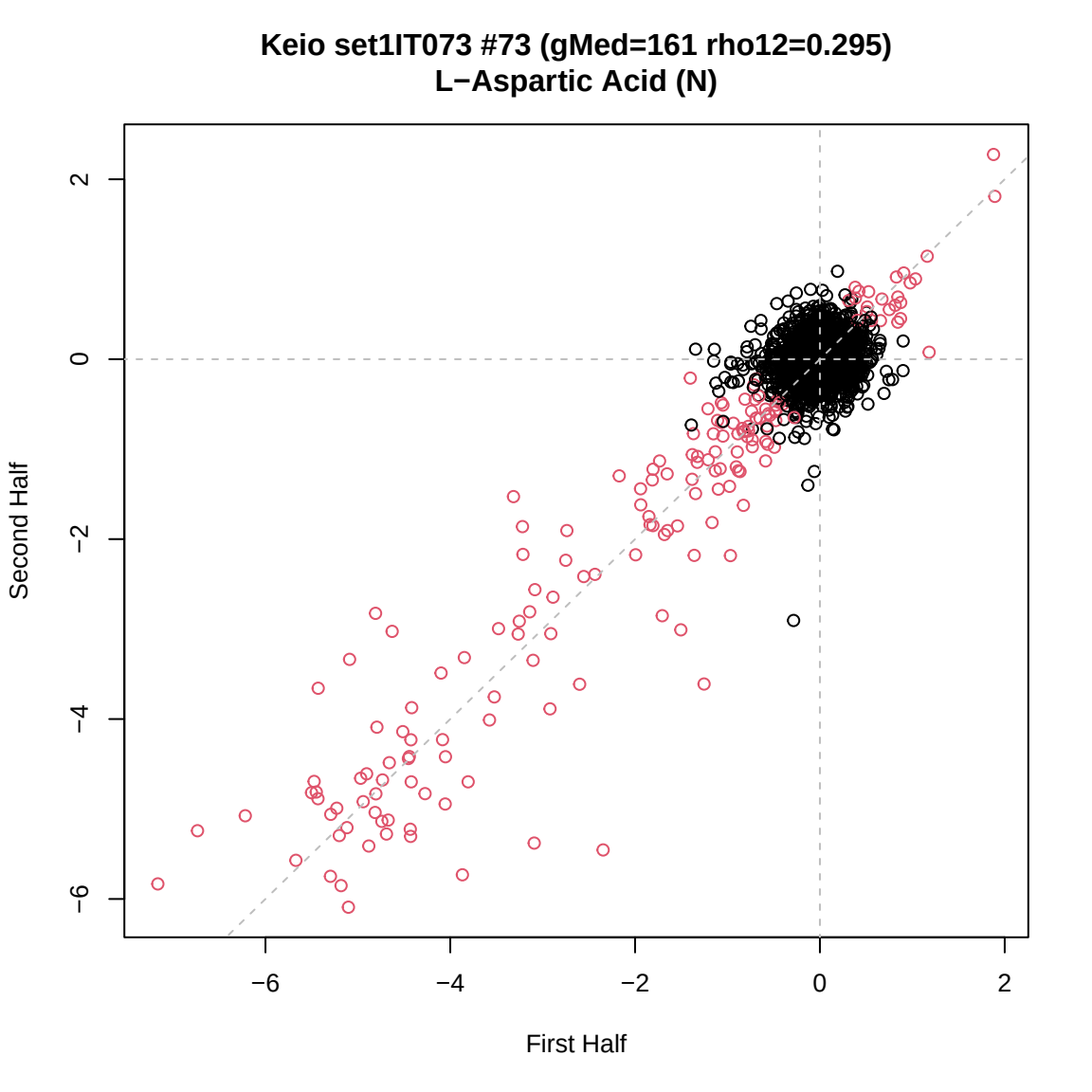

Keio set1IT068 #68 (gMed=167 rho12=0.173)
D−Galacturonic Acid (C) MOPS
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

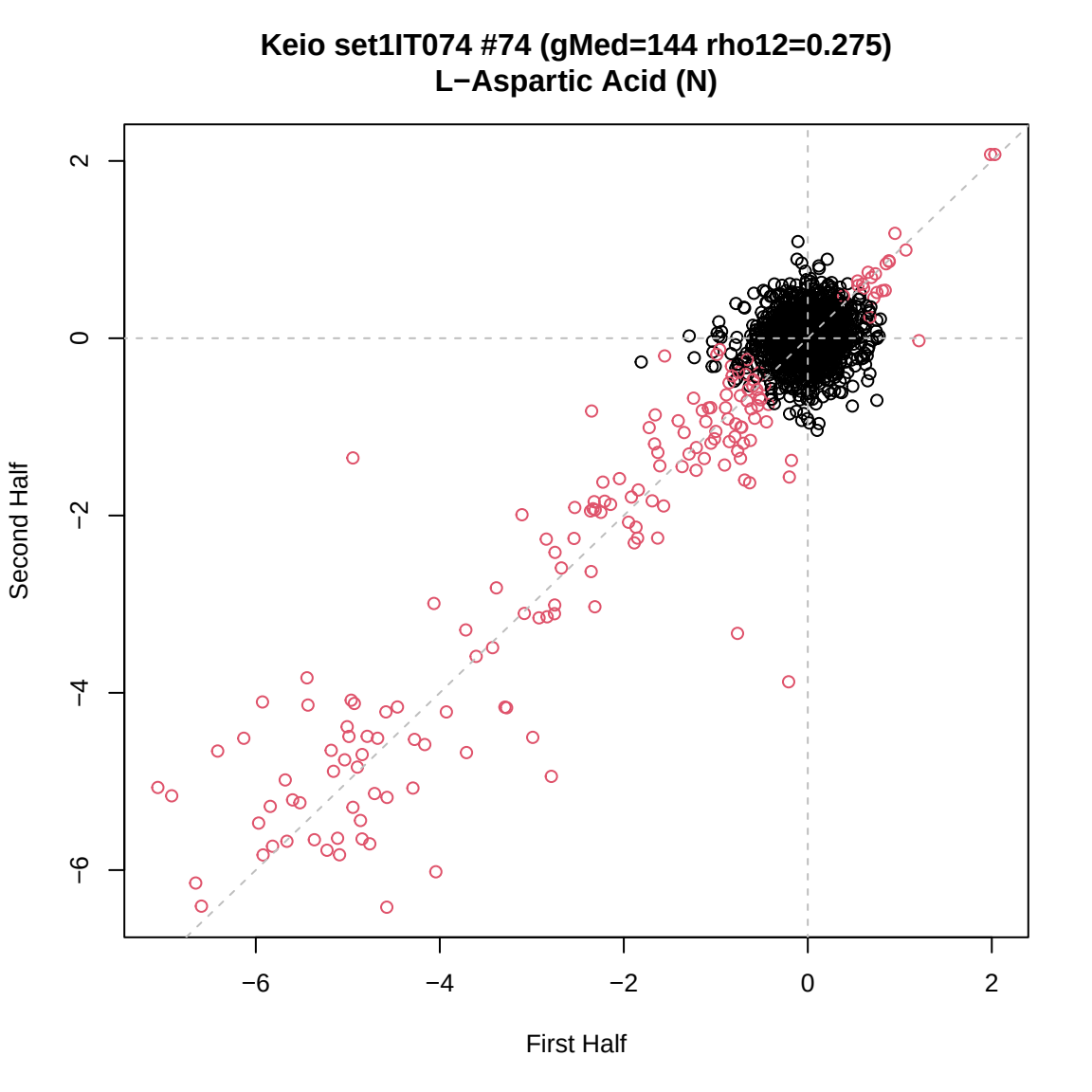

Keio set1IT069 #69 (gMed=155 rho12=0.123)
D−Glucose (C) MOPS
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

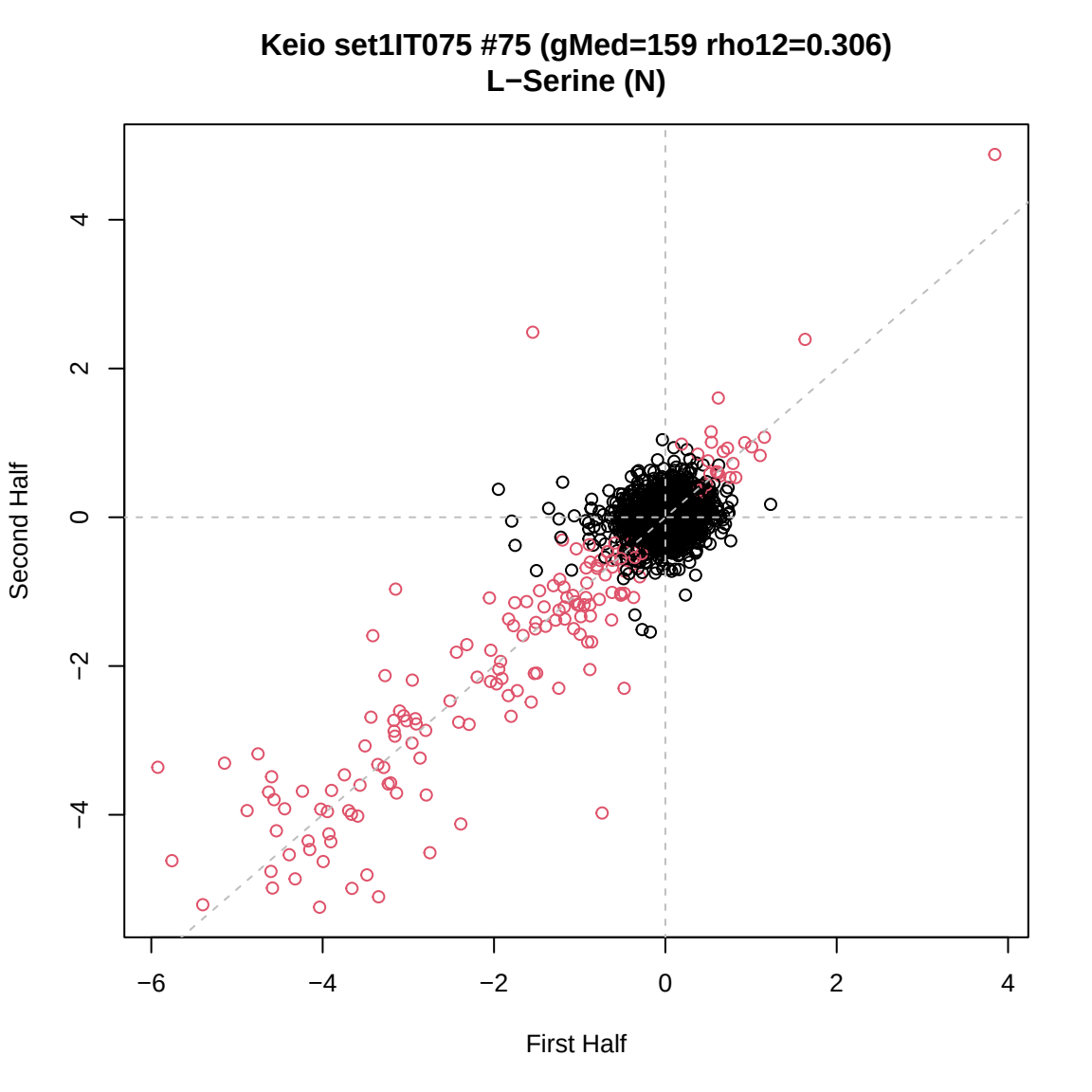

Keio set1IT070 #70 (gMed=165 rho12=0.145)
D−Glucose (C) MOPS
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

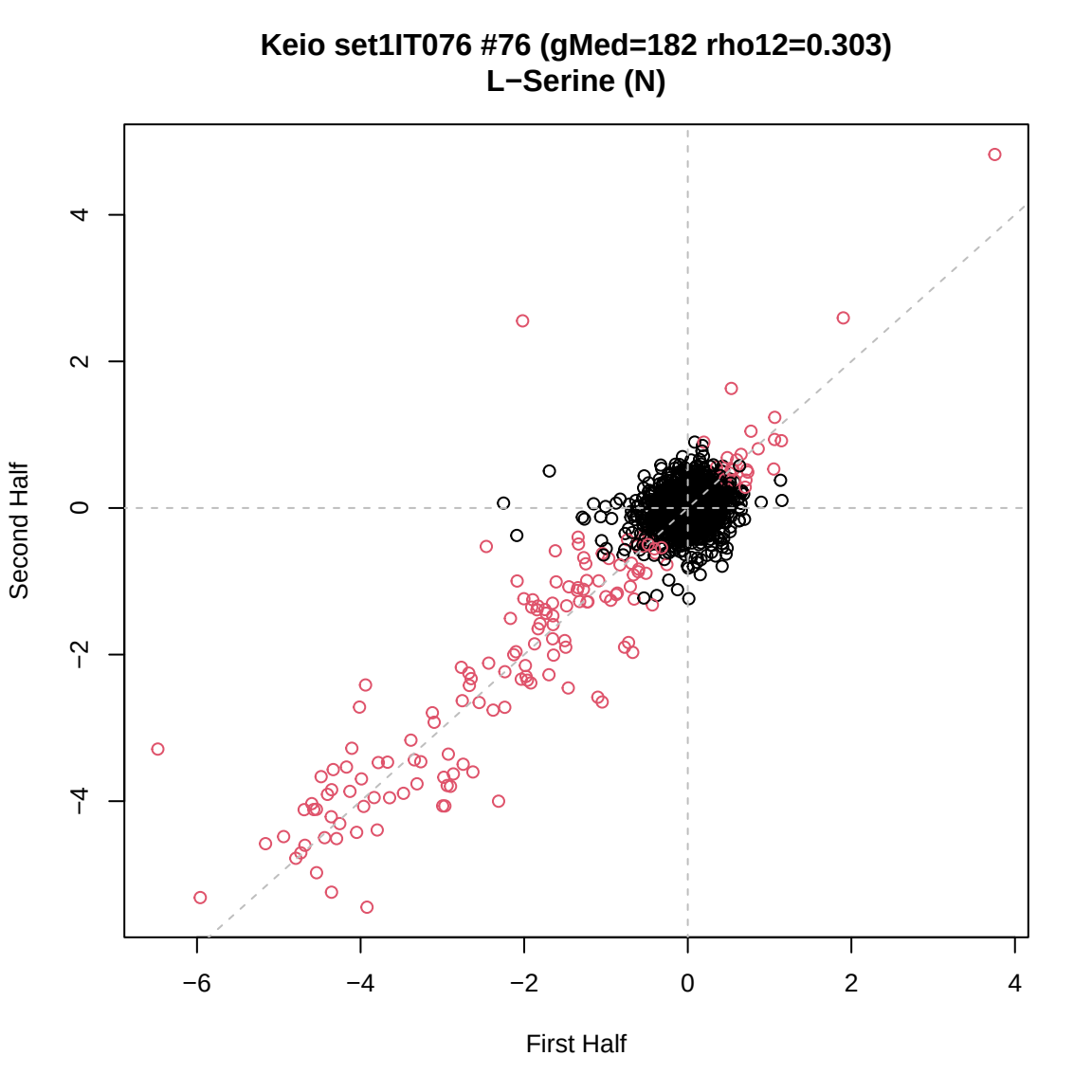

Keio set1IT071 #71 (gMed=95 rho12=0.236)
L−Arginine (N)
Second Half
First Half
10
5
0
−5
−5
0
5
10

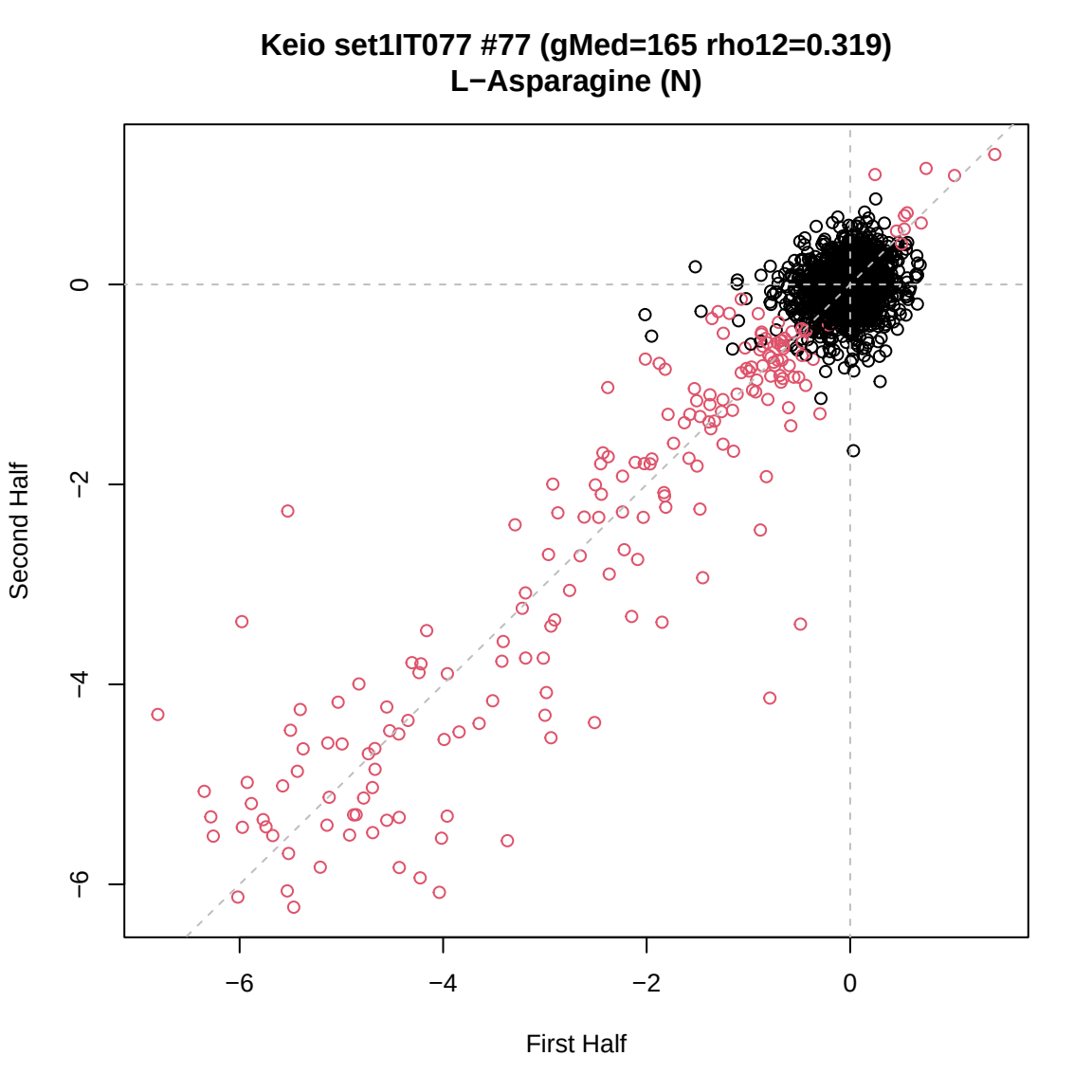

Keio set1IT072 #72 (gMed=103 rho12=0.227)
L−Arginine (N)
Second Half
First Half
10
8
6
4
2
0
−2
−4
−5
0
5
10

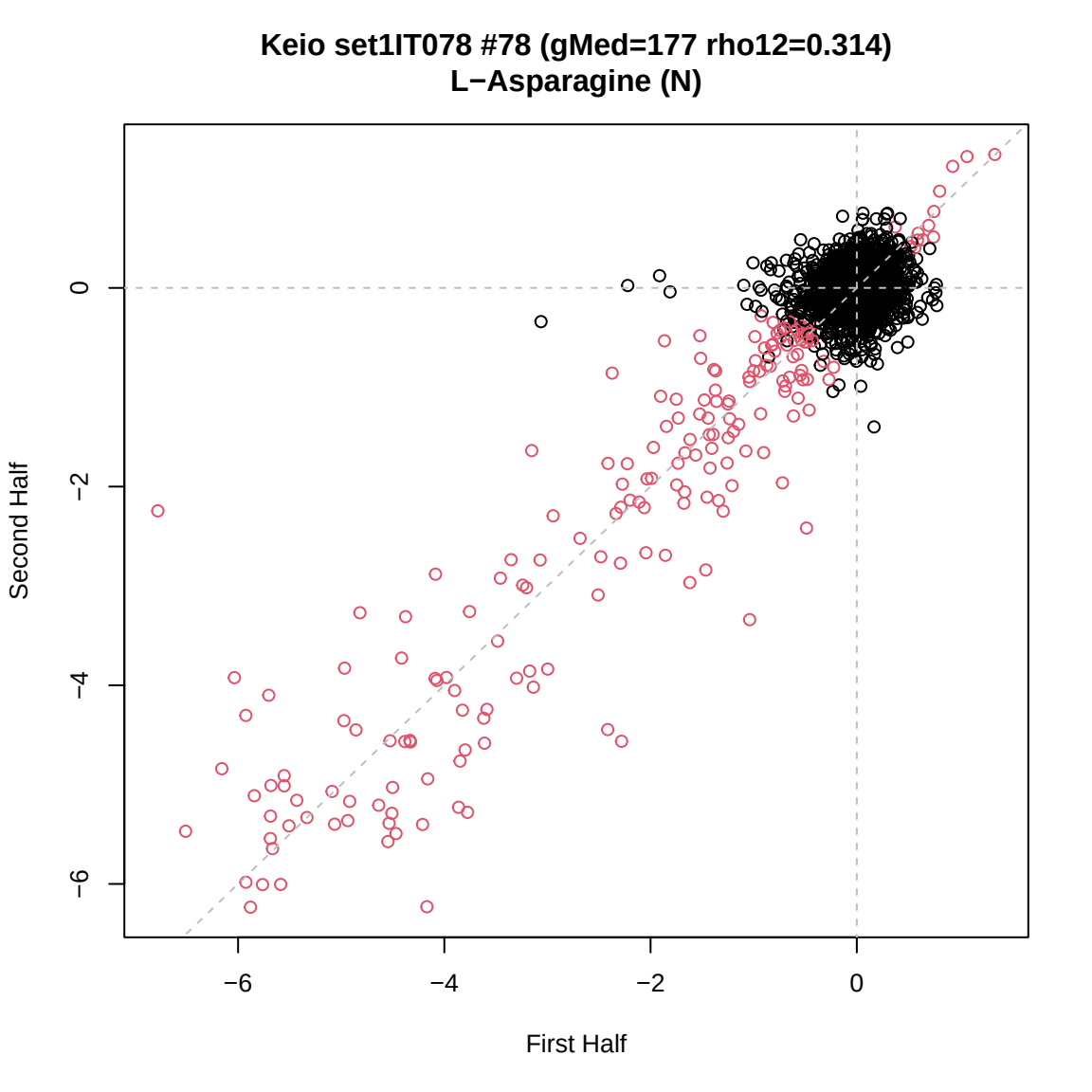

Keio set1IT073 #73 (gMed=161 rho12=0.295)
L−Aspartic Acid (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

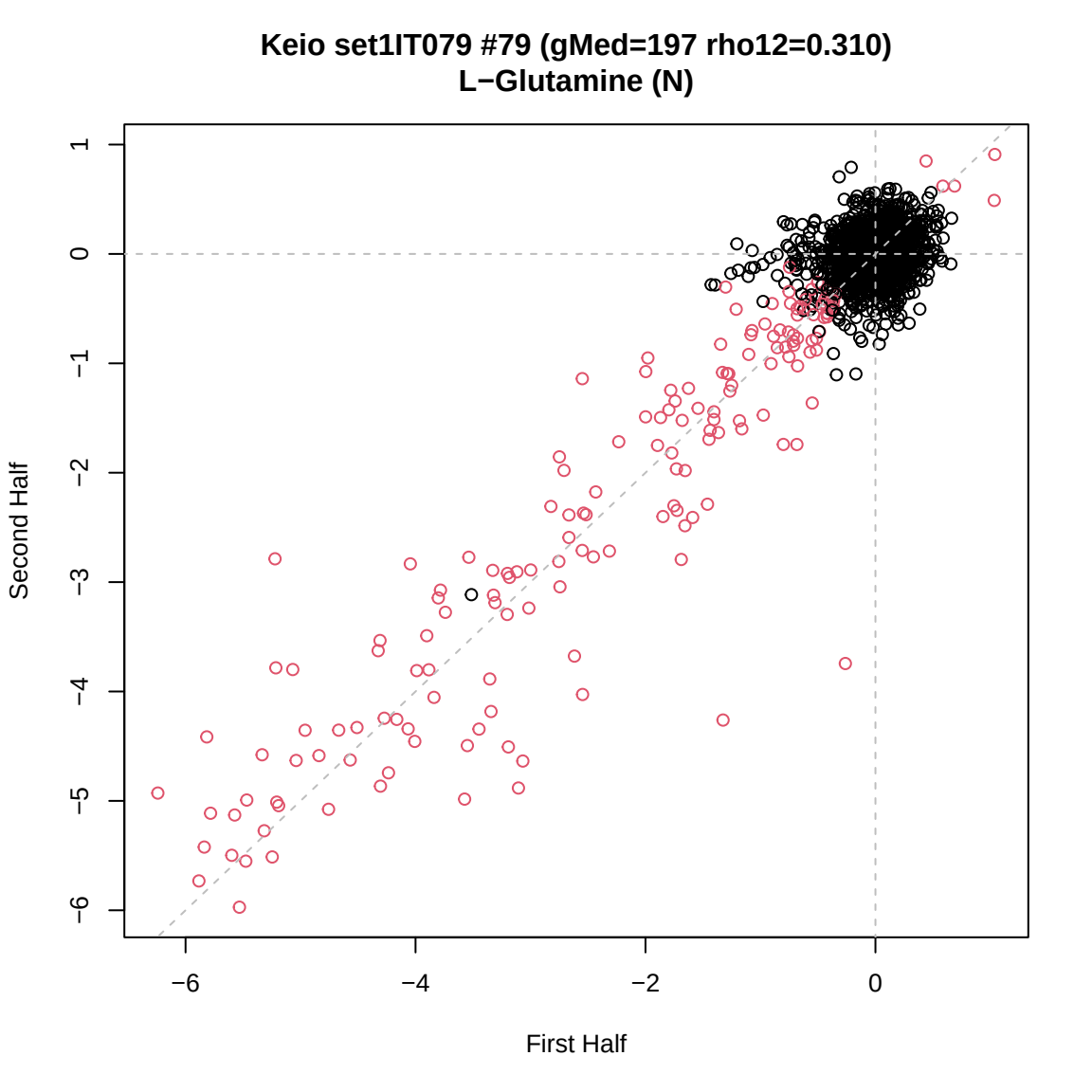

Keio set1IT074 #74 (gMed=144 rho12=0.275)
L−Aspartic Acid (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

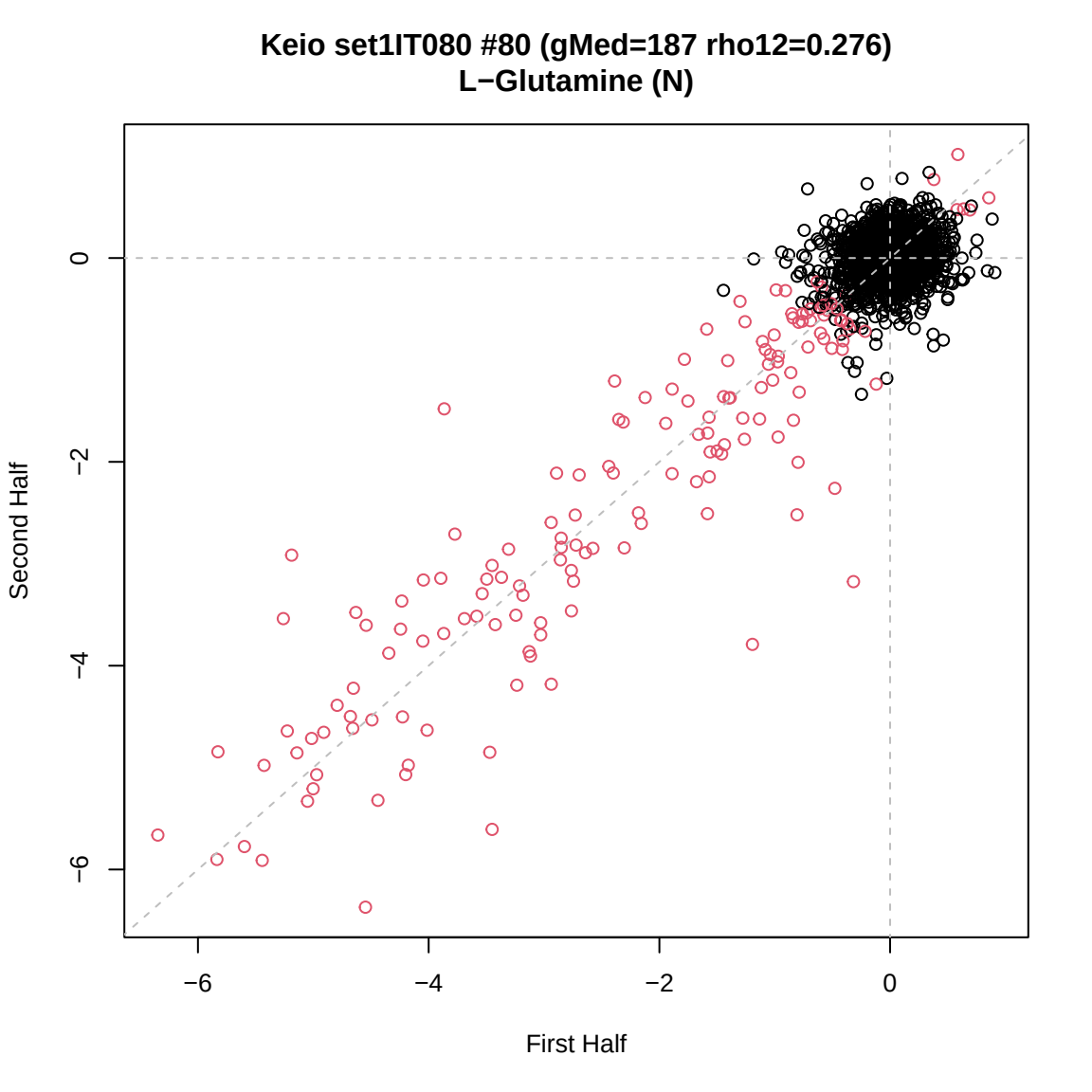

Keio set1IT075 #75 (gMed=159 rho12=0.306)
L−Serine (N)
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

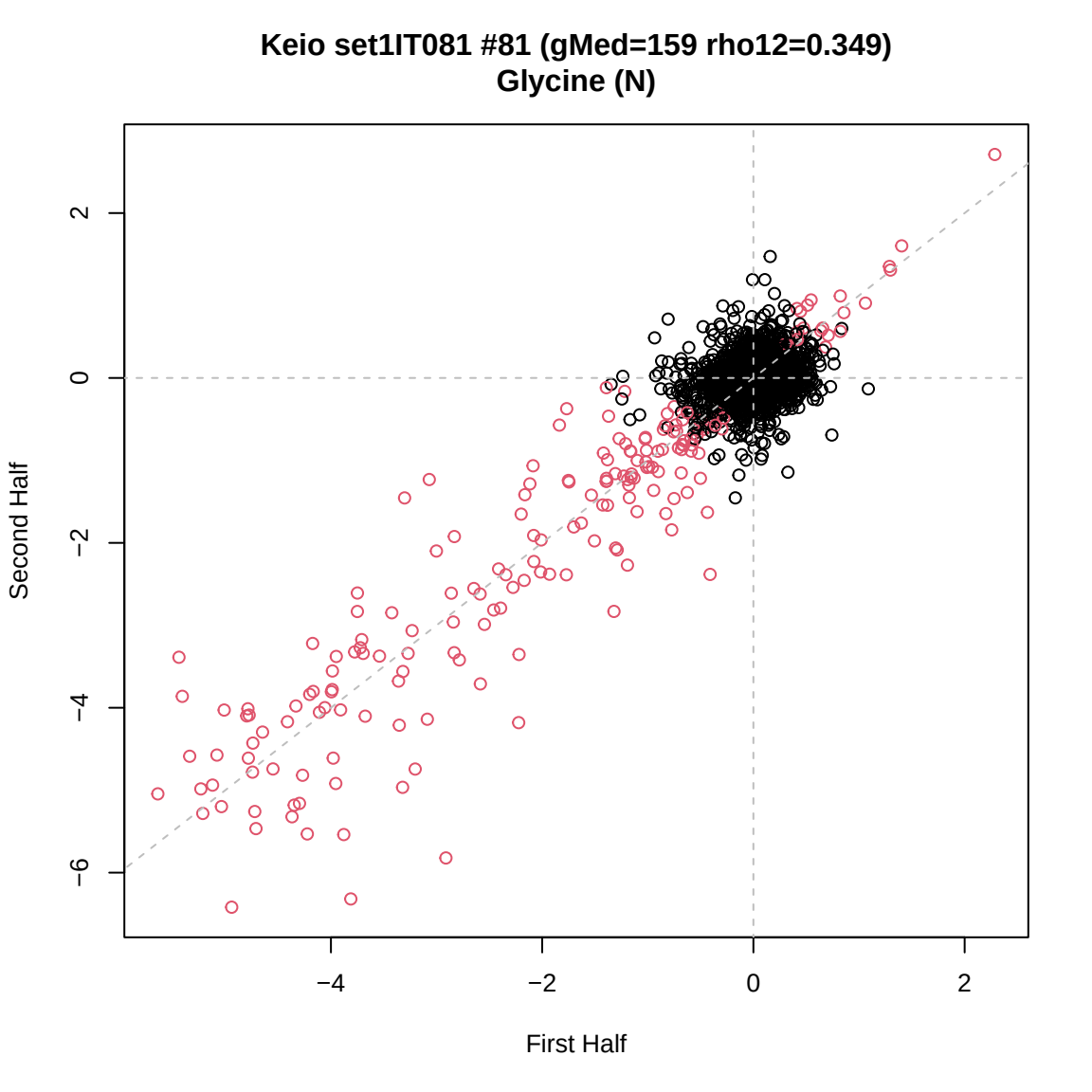

Keio set1IT076 #76 (gMed=182 rho12=0.303)
L−Serine (N)
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

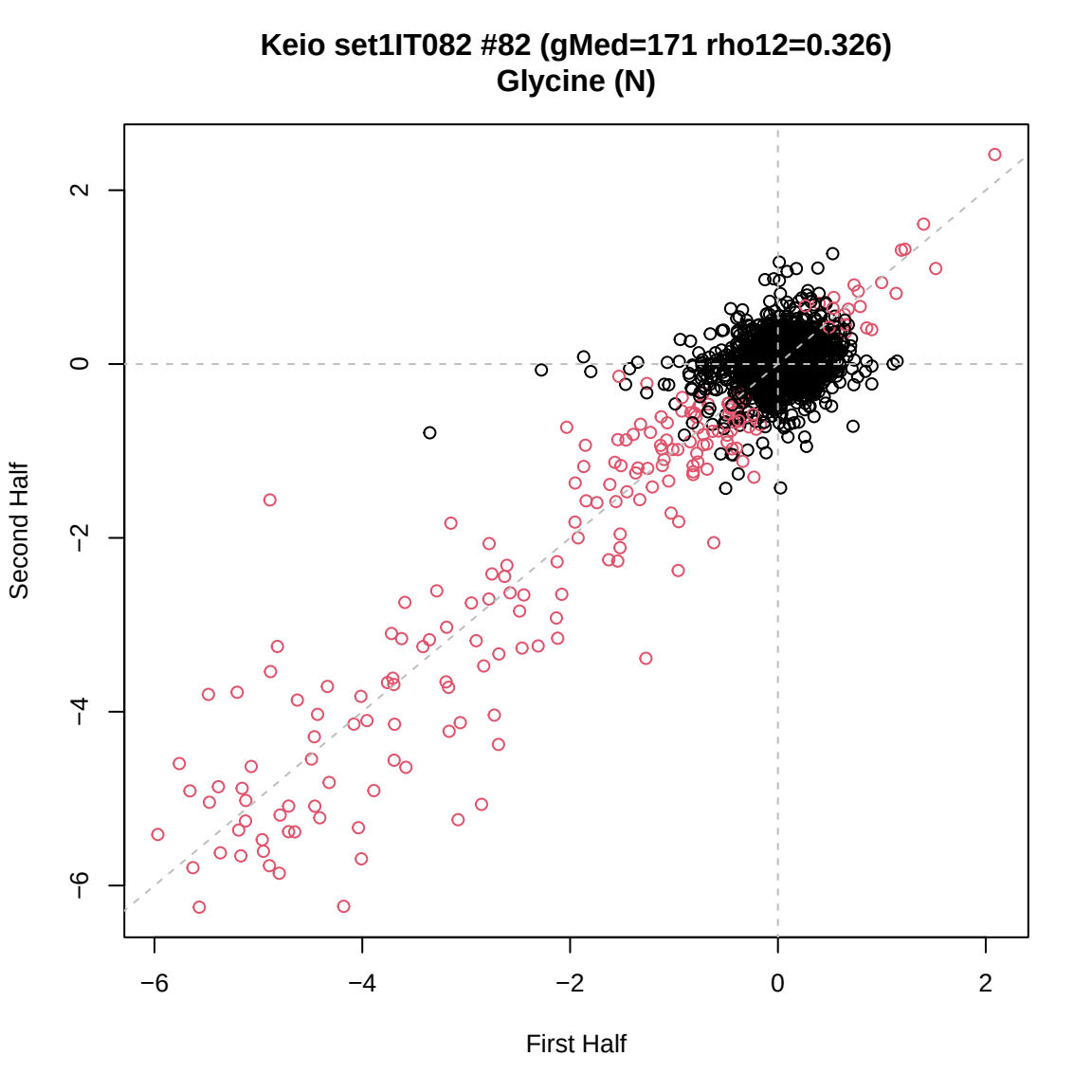

Keio set1IT077 #77 (gMed=165 rho12=0.319)
L−Asparagine (N)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

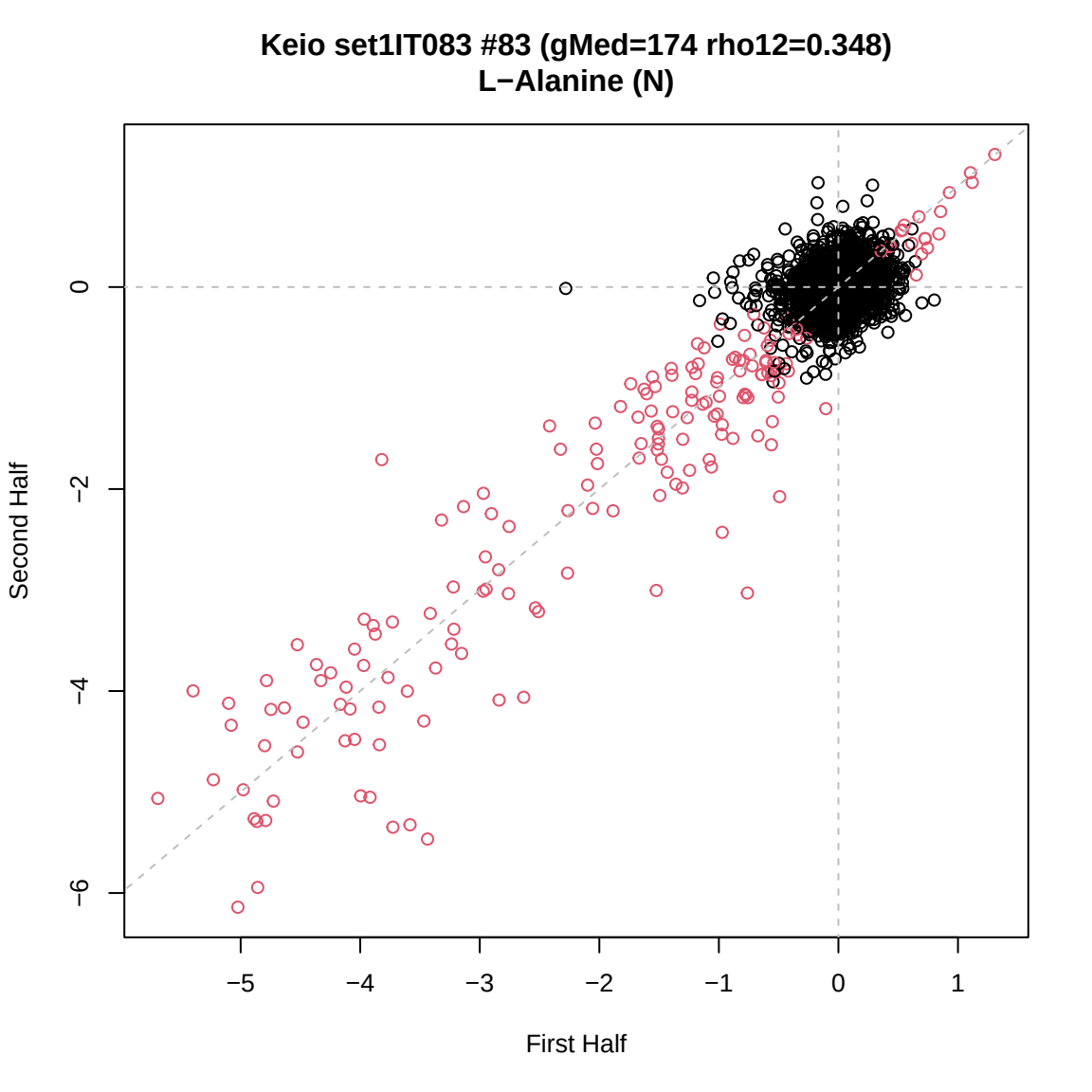

Keio set1IT078 #78 (gMed=177 rho12=0.314)
L−Asparagine (N)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

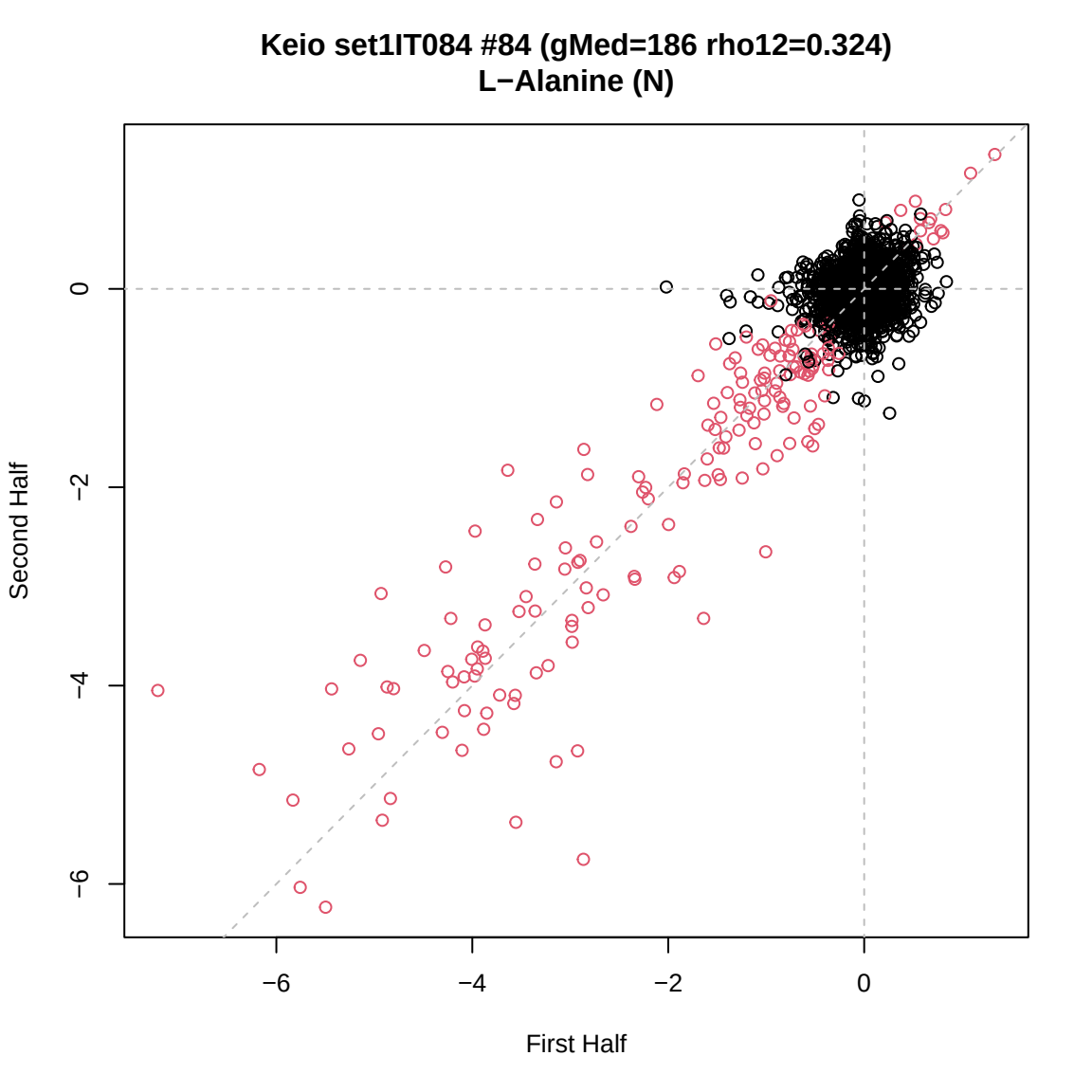

Keio set1IT079 #79 (gMed=197 rho12=0.310)
L−Glutamine (N)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

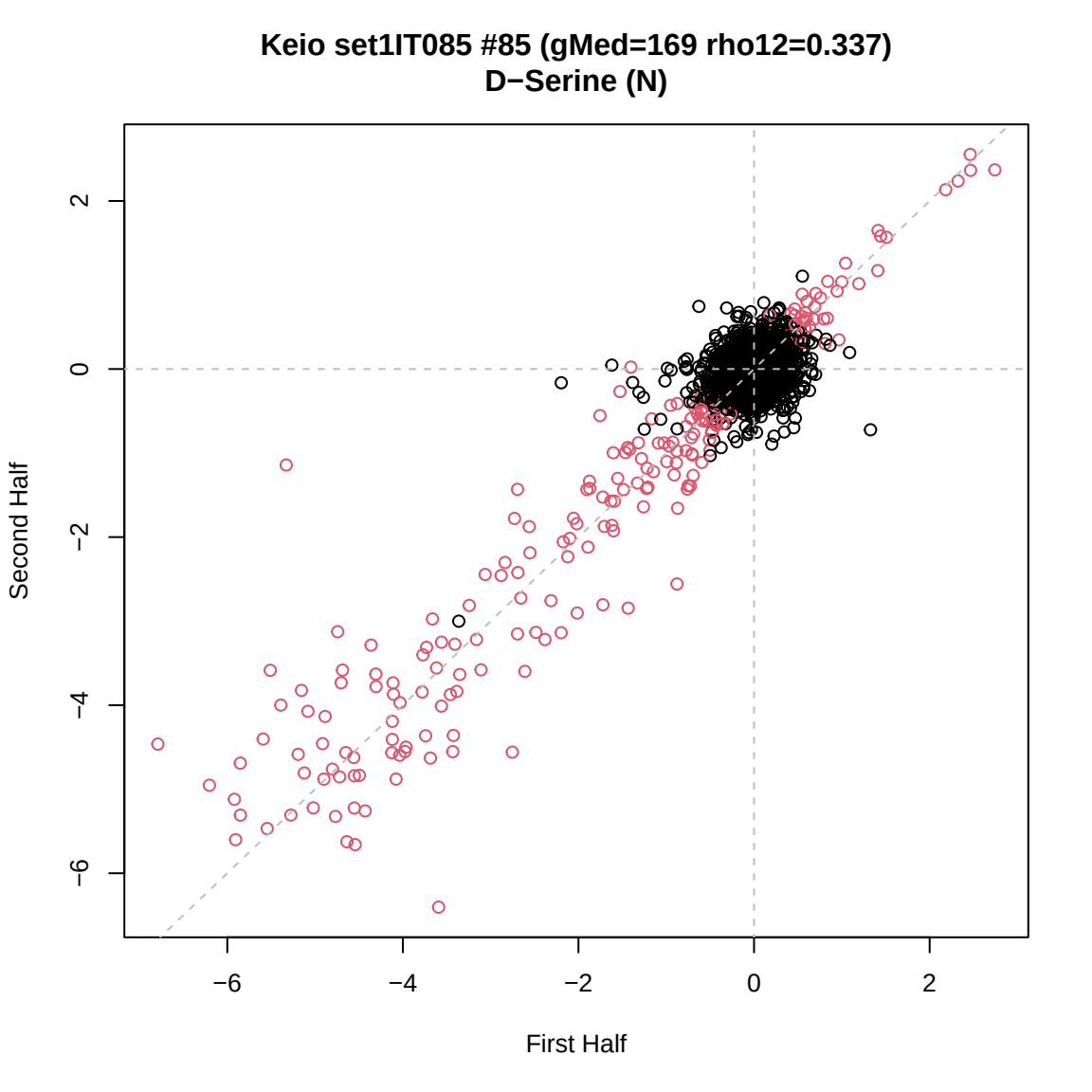

Keio set1IT080 #80 (gMed=187 rho12=0.276)
L−Glutamine (N)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

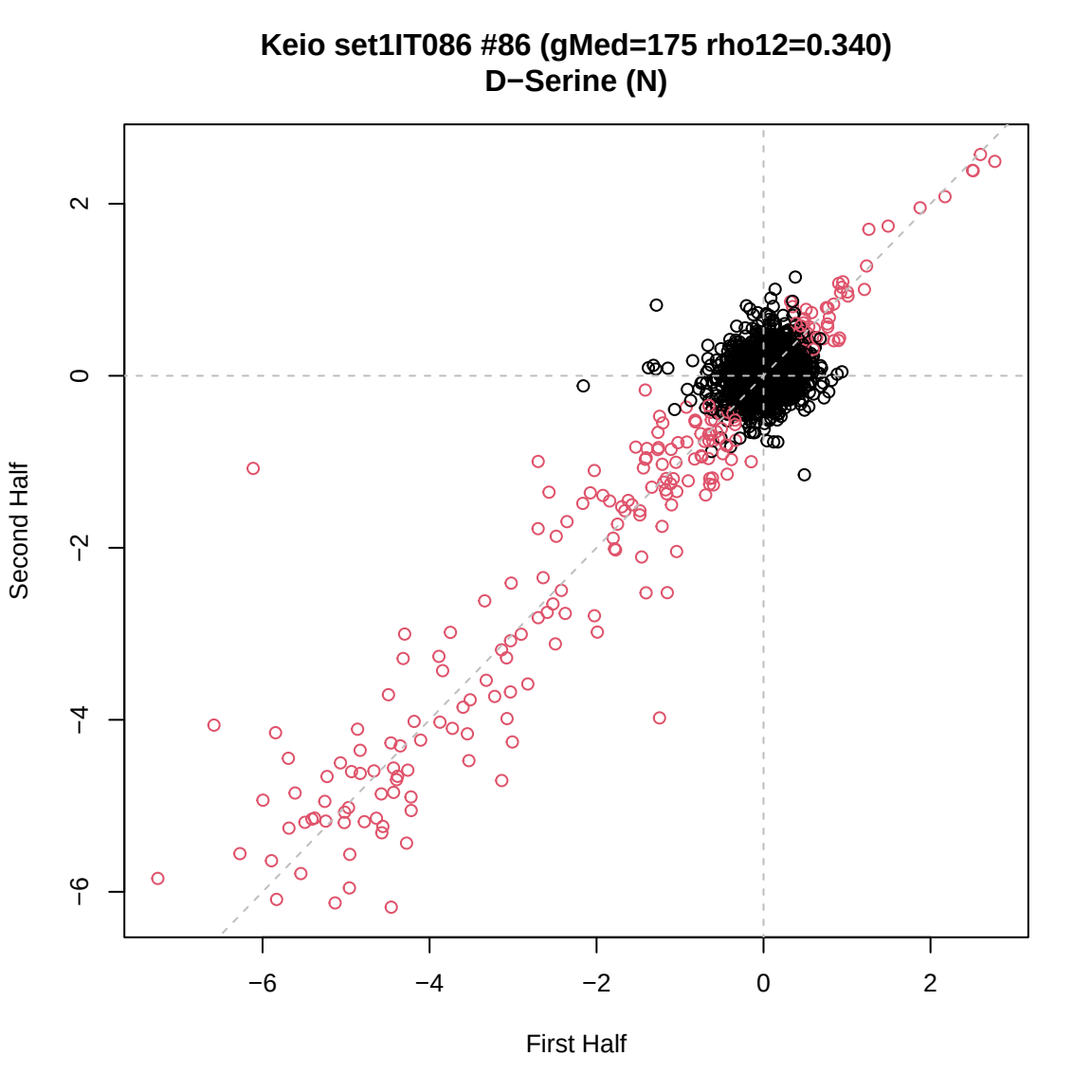

Keio set1IT081 #81 (gMed=159 rho12=0.349)
Glycine (N)
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

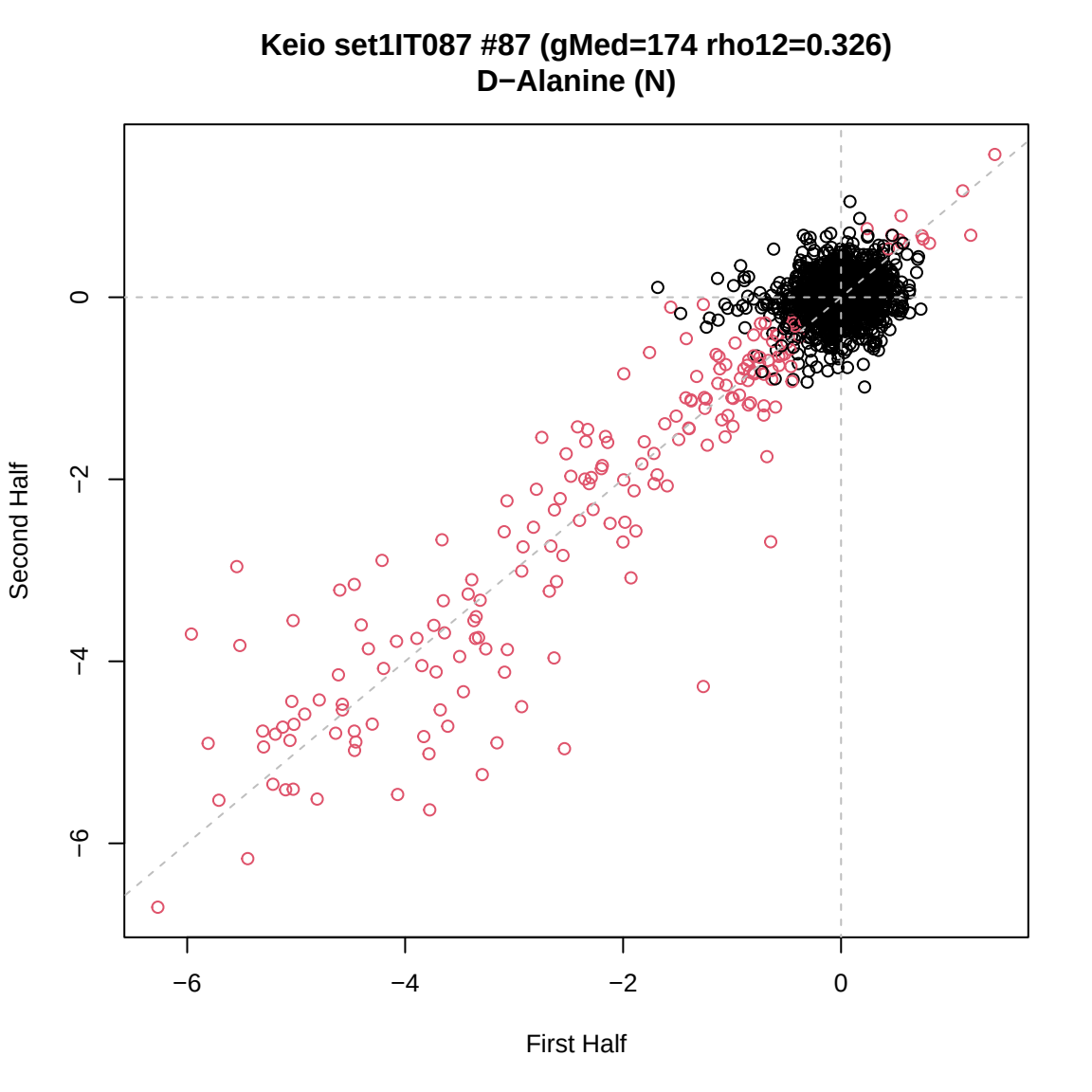

Keio set1IT082 #82 (gMed=171 rho12=0.326)
Glycine (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

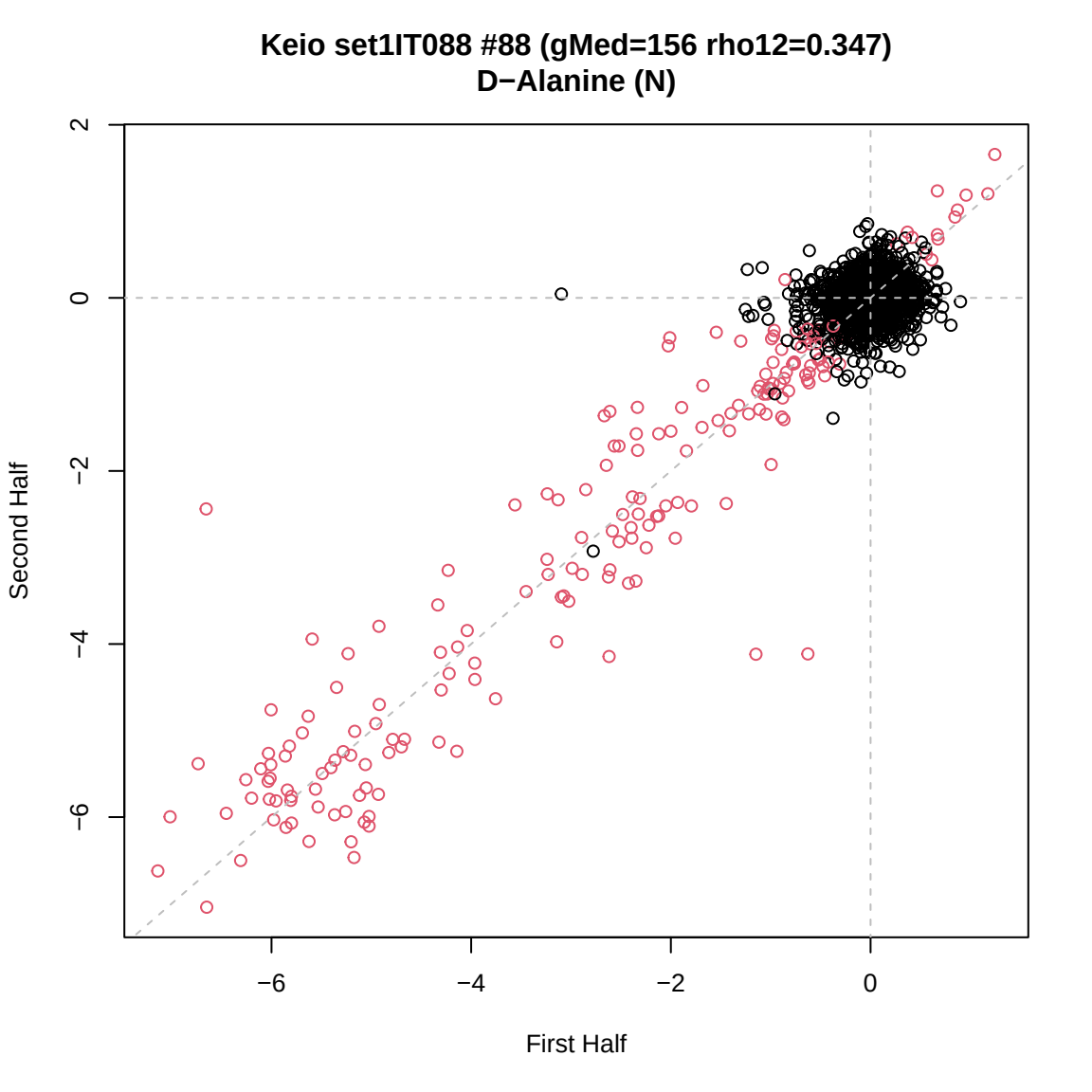

Keio set1IT083 #83 (gMed=174 rho12=0.348)
L−Alanine (N)
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

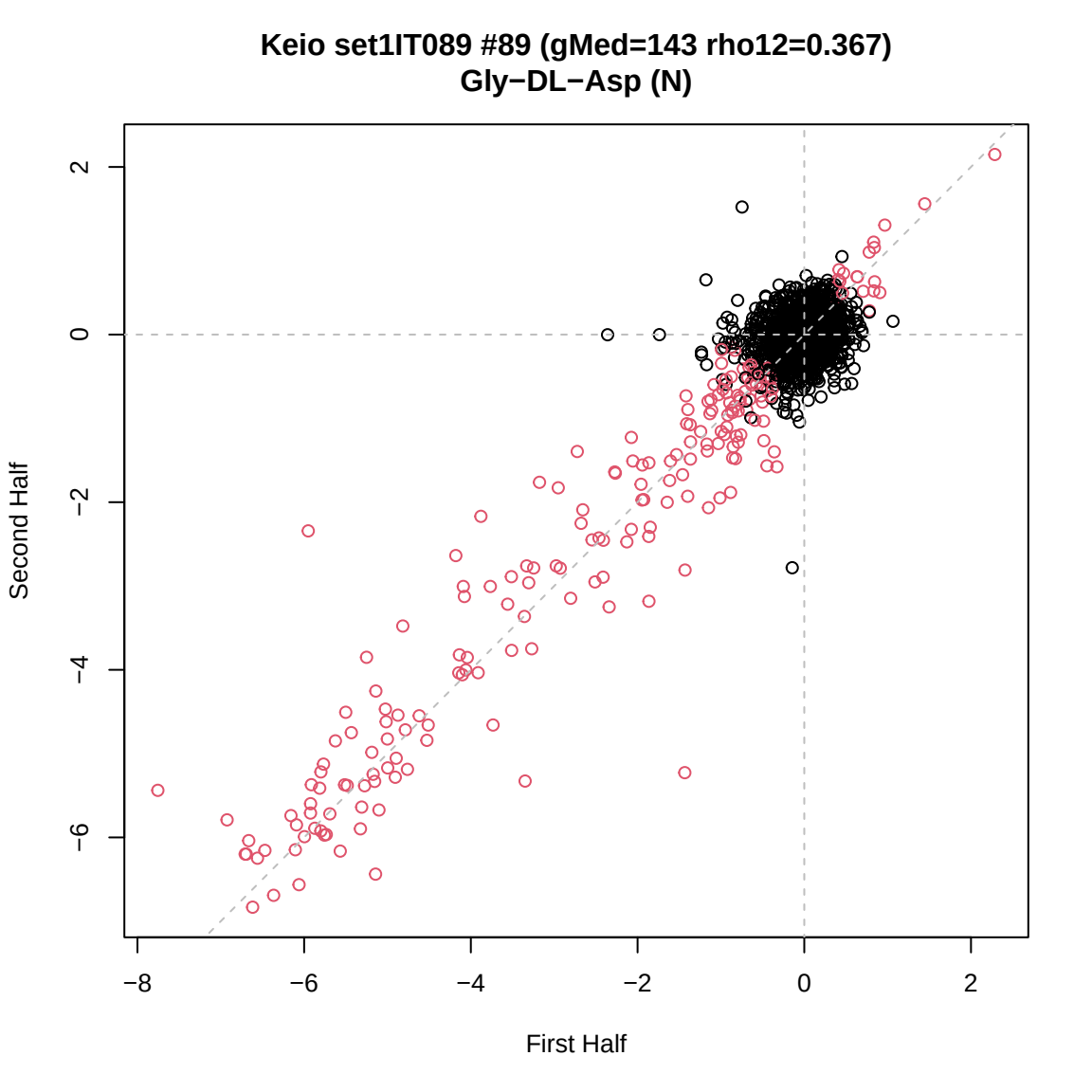

Keio set1IT084 #84 (gMed=186 rho12=0.324)
L−Alanine (N)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

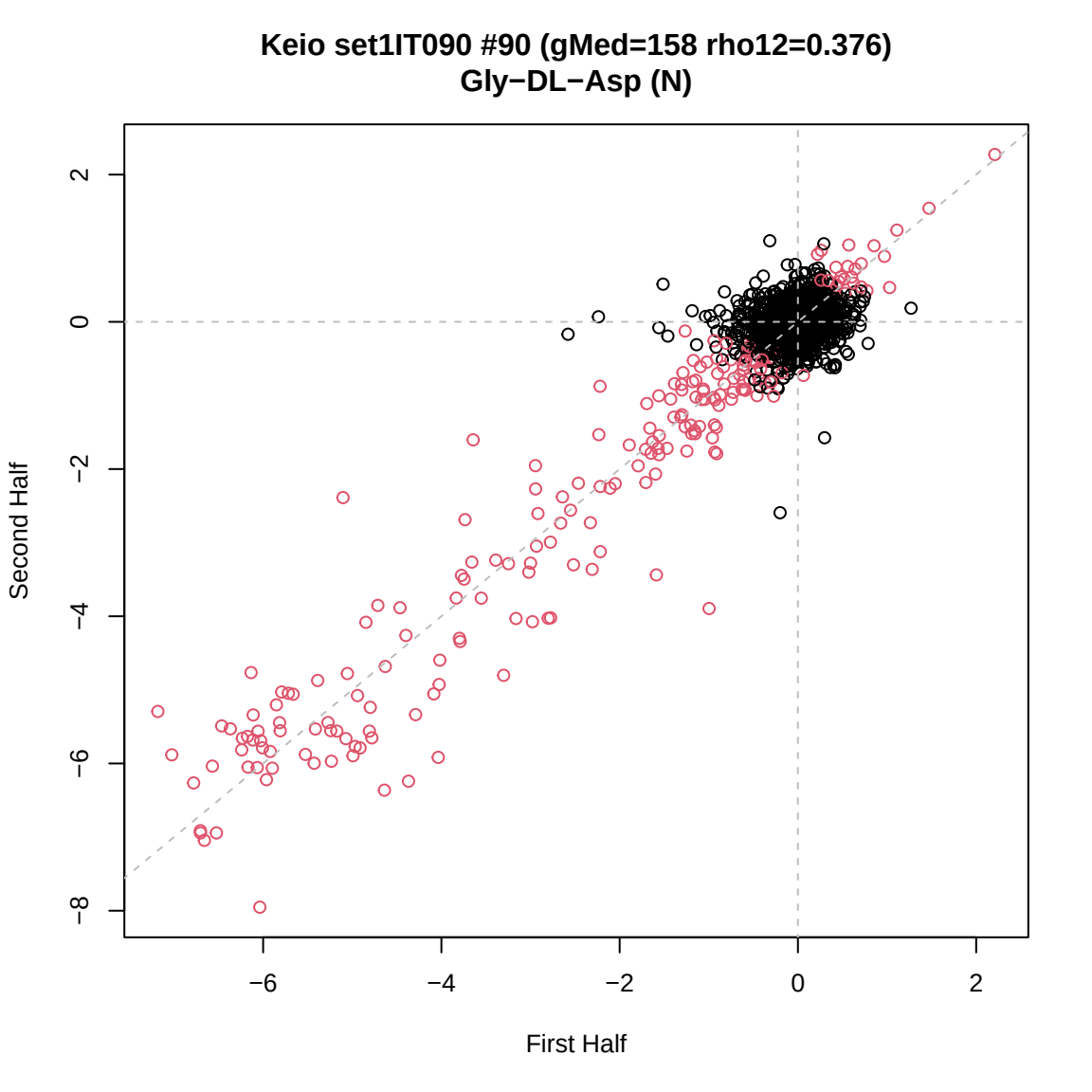

Keio set1IT085 #85 (gMed=169 rho12=0.337)
D−Serine (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

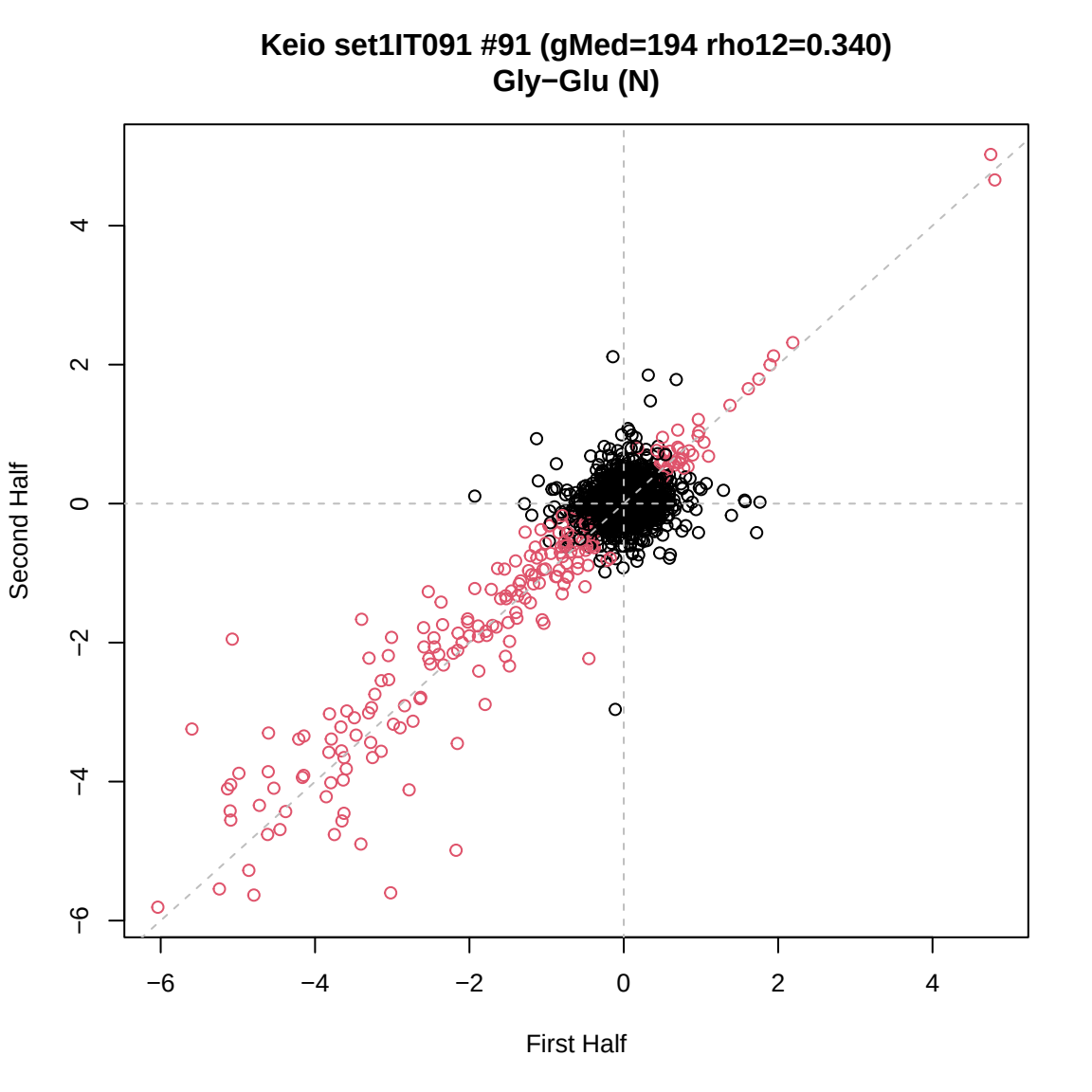

Keio set1IT086 #86 (gMed=175 rho12=0.340)
D−Serine (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

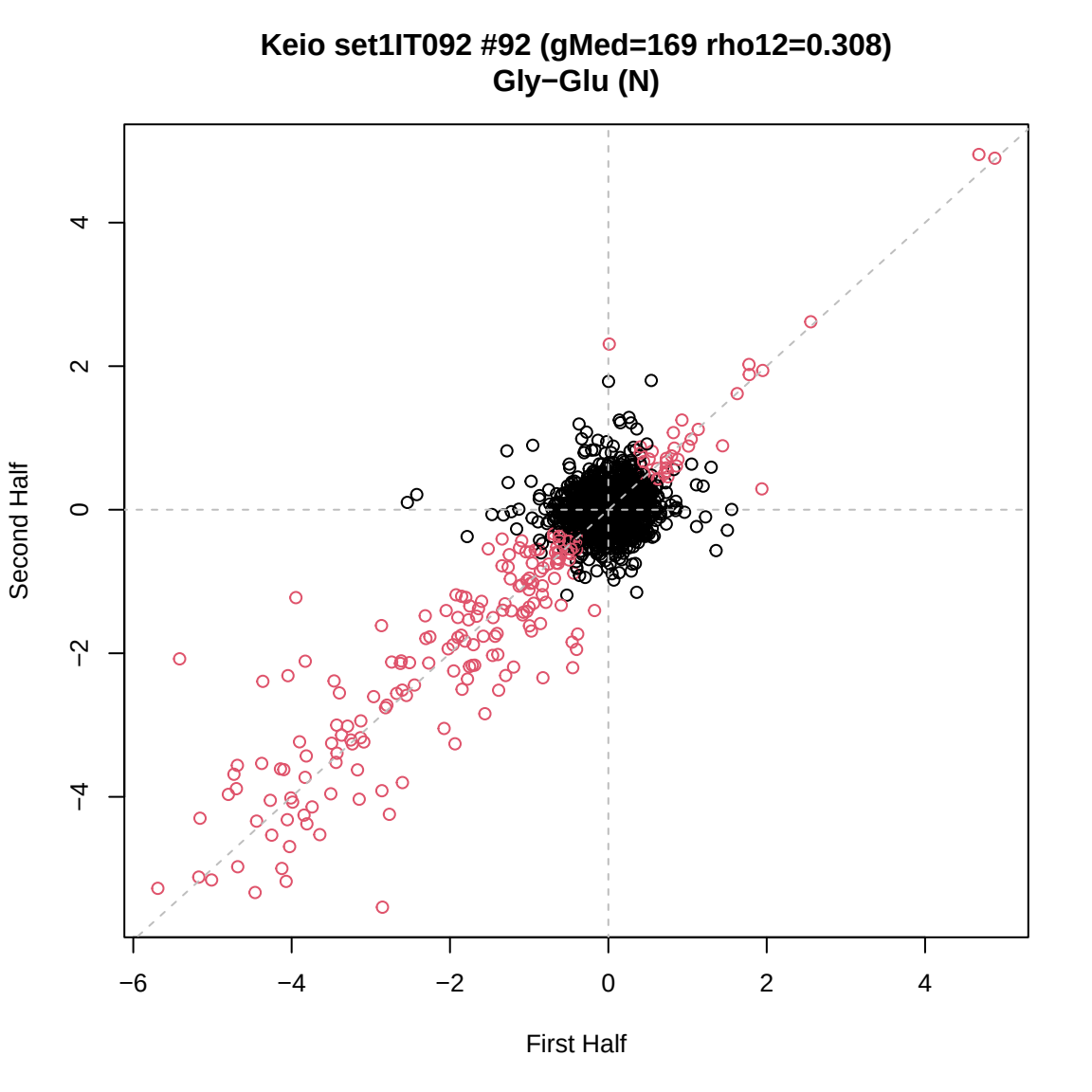

Keio set1IT087 #87 (gMed=174 rho12=0.326)
D−Alanine (N)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

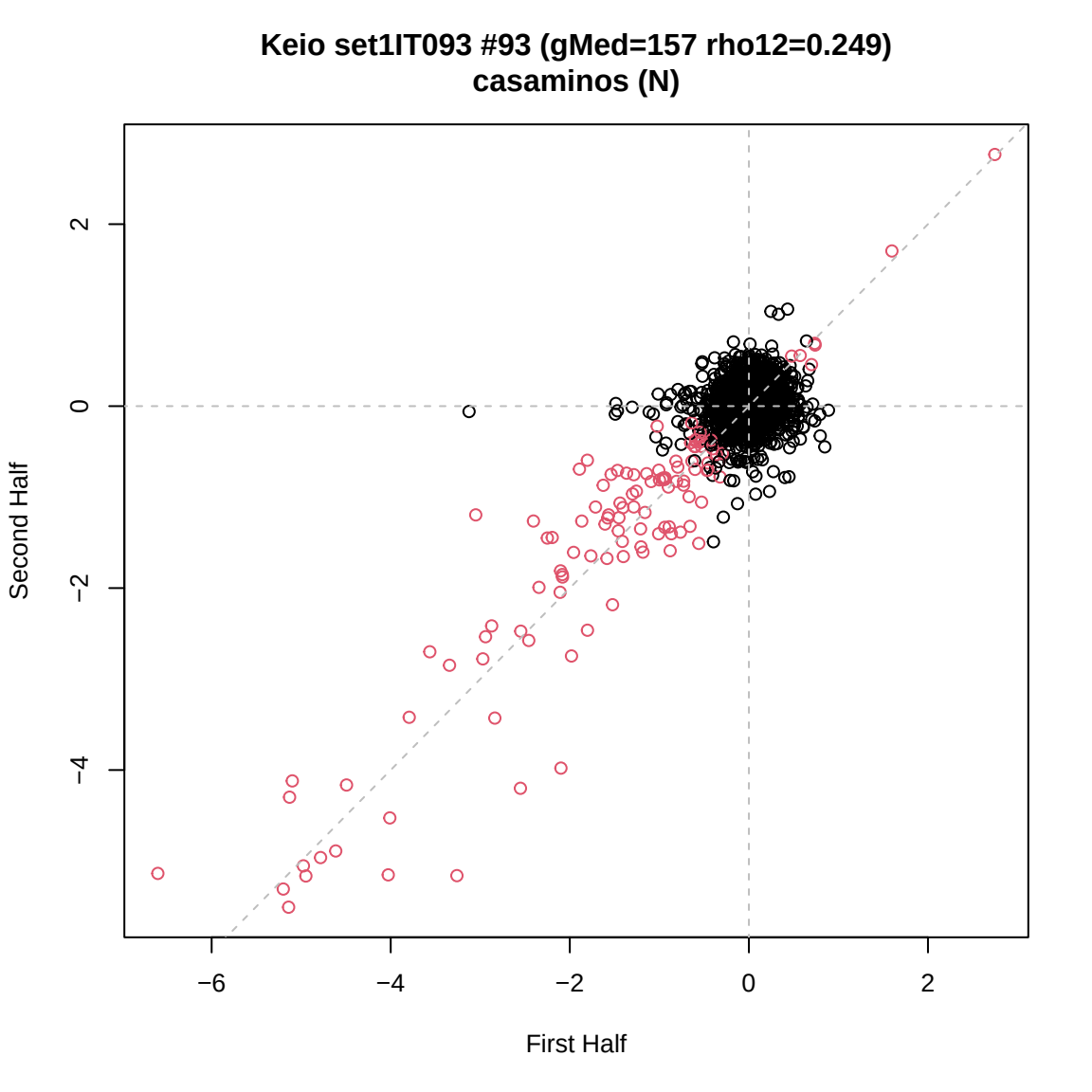

Keio set1IT088 #88 (gMed=156 rho12=0.347)
D−Alanine (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0

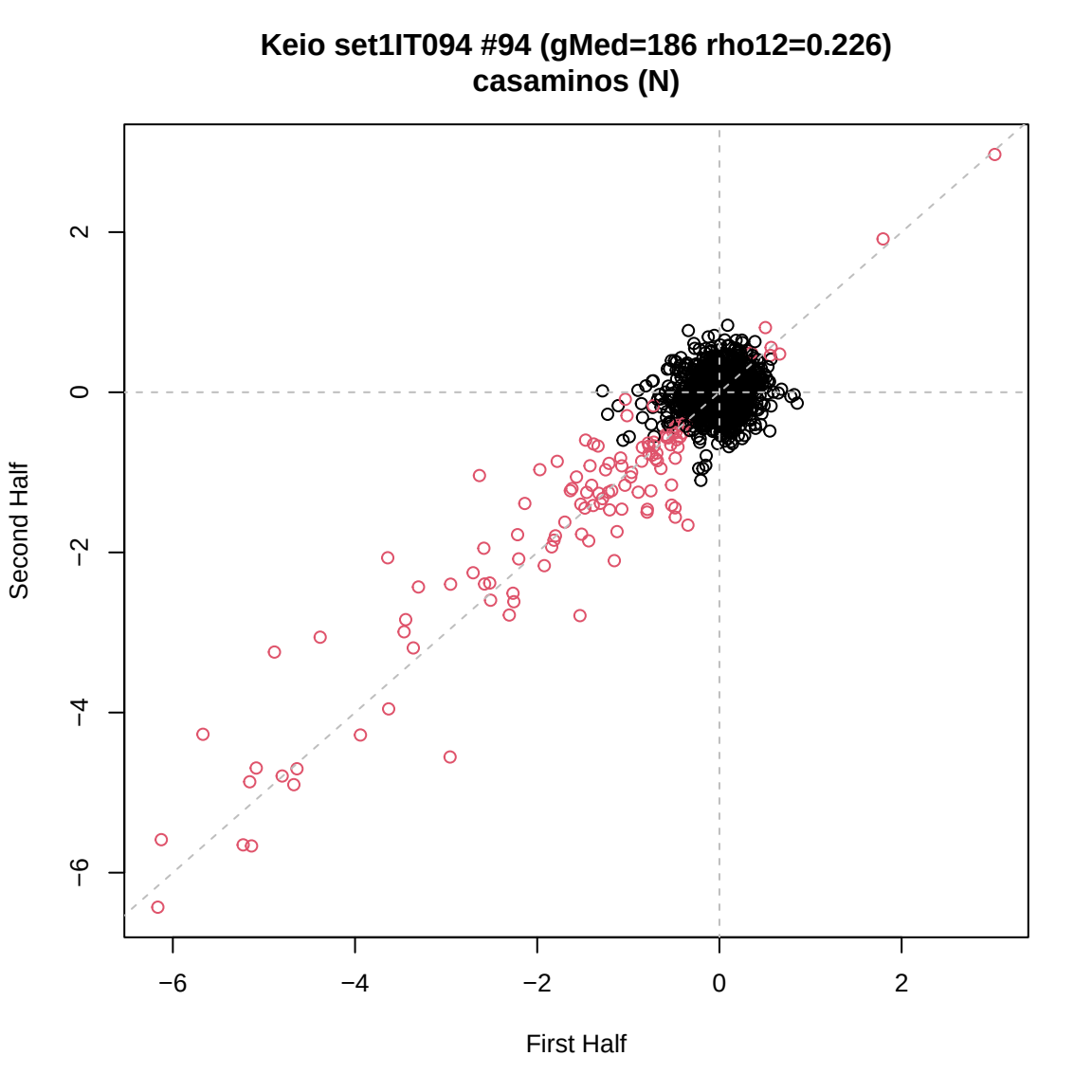

Keio set1IT089 #89 (gMed=143 rho12=0.367)
Gly−DL−Asp (N)
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

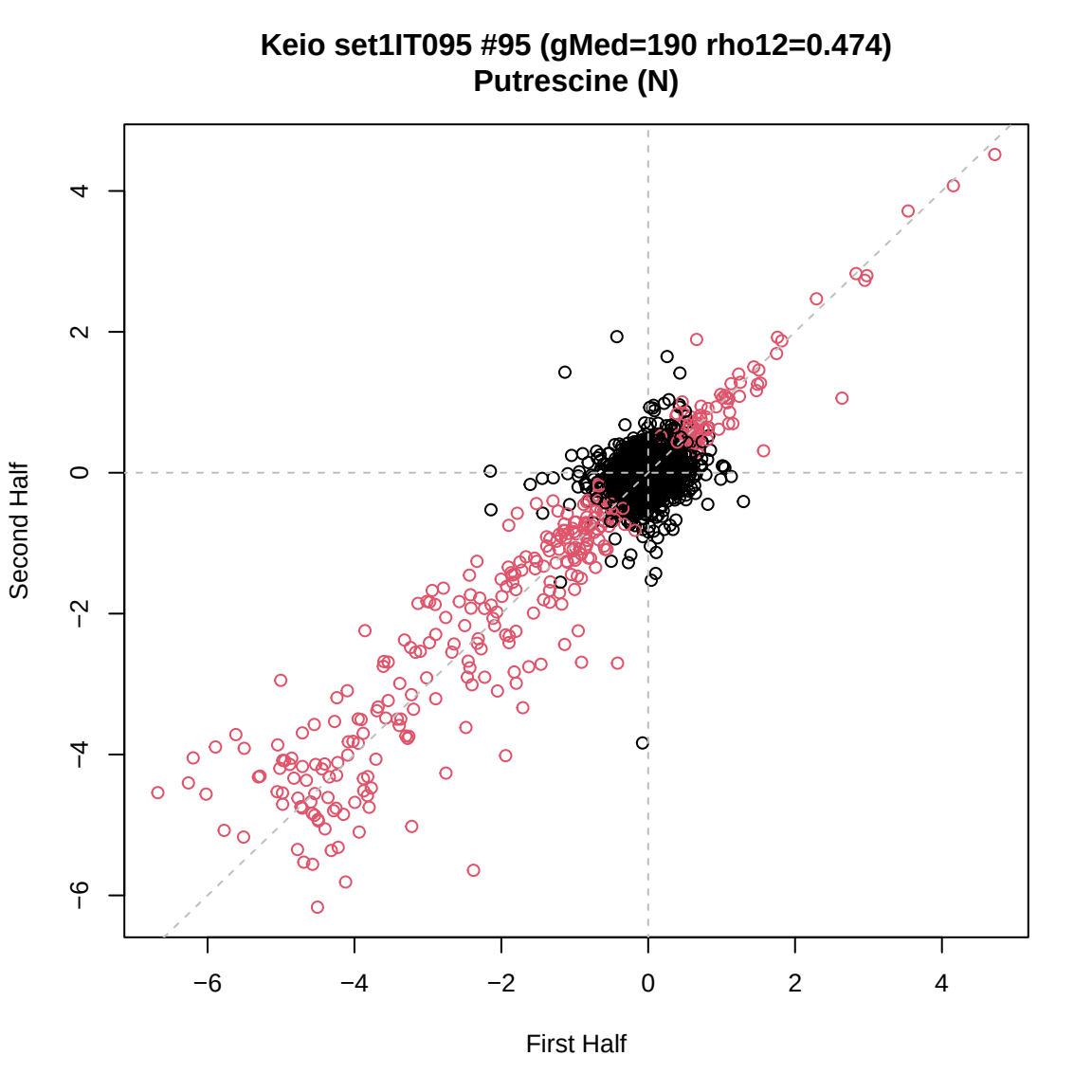

Keio set1IT090 #90 (gMed=158 rho12=0.376)
Gly−DL−Asp (N)
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

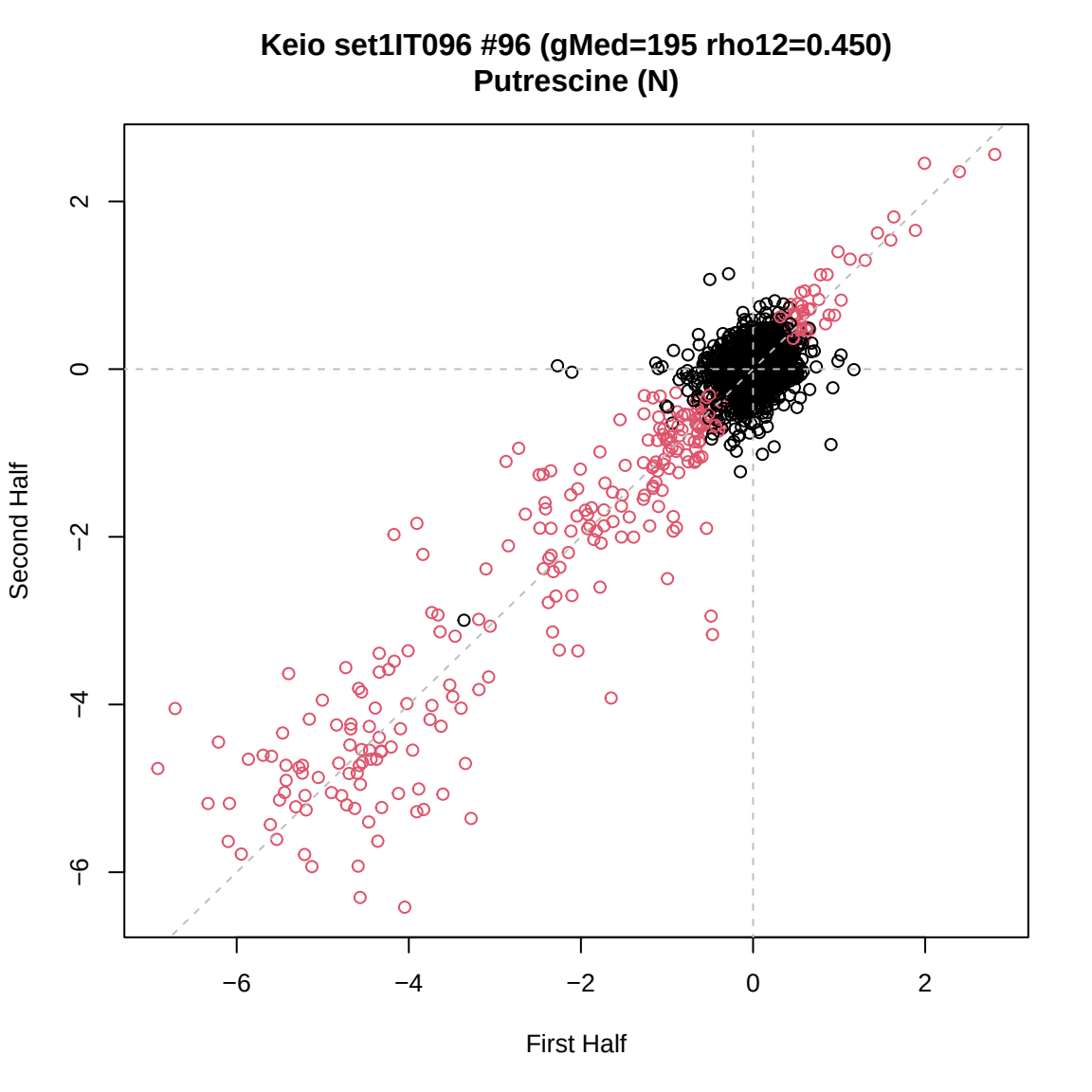

Keio set1IT091 #91 (gMed=194 rho12=0.340)
Gly−Glu (N)
Second Half
First Half
−6
−4
−2
0
2
4

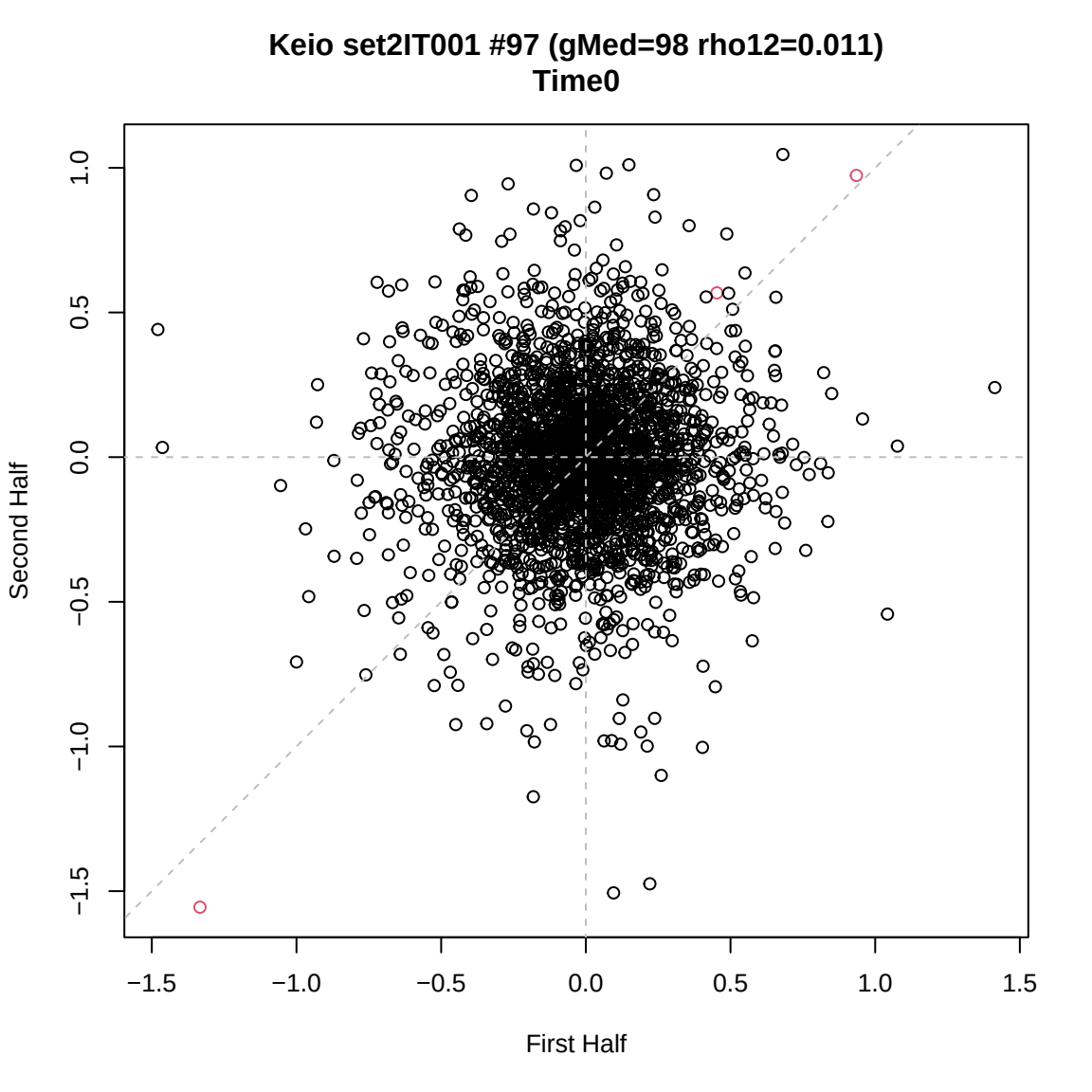

Keio set1IT092 #92 (gMed=169 rho12=0.308)
Gly−Glu (N)
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

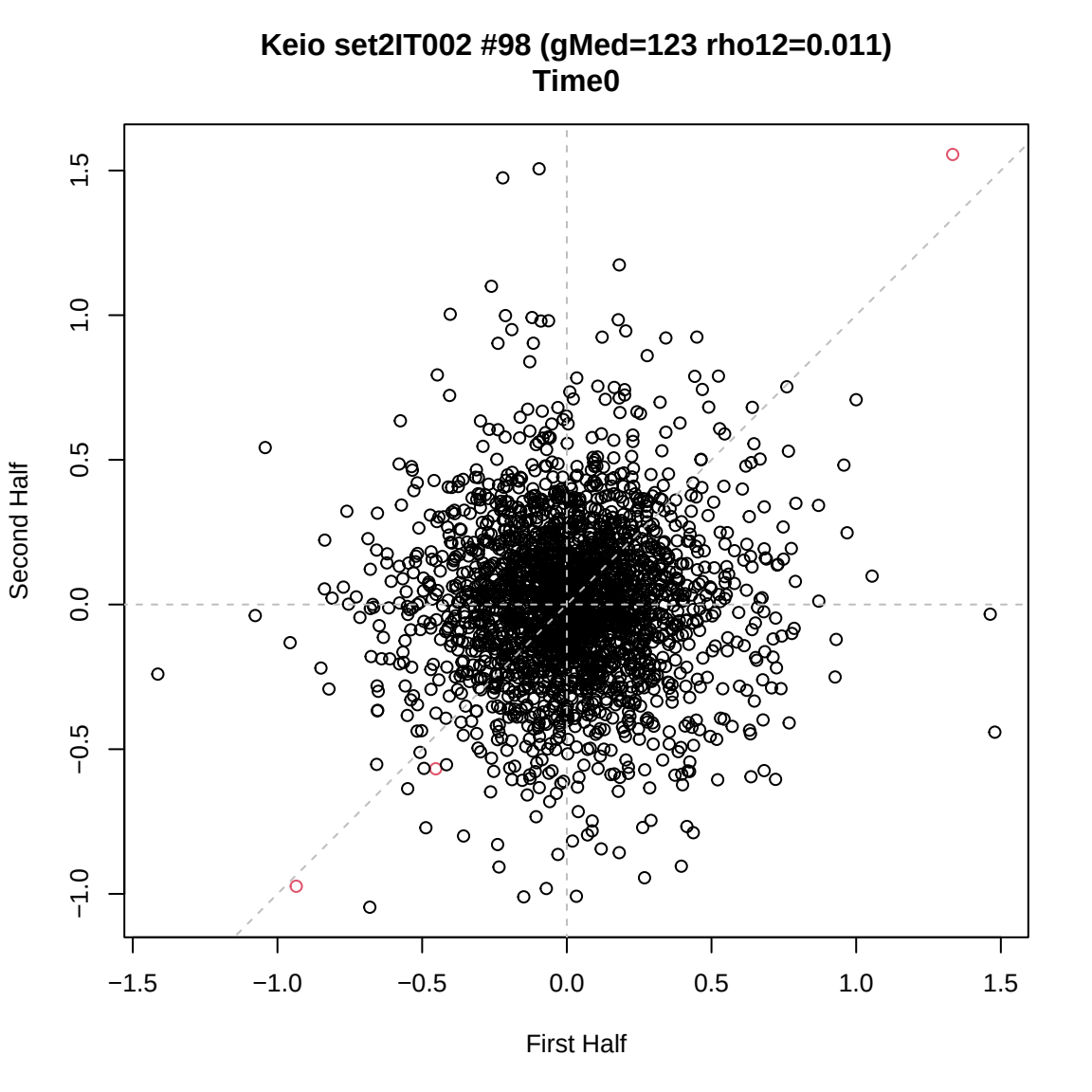

Keio set1IT093 #93 (gMed=157 rho12=0.249)
casaminos (N)
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

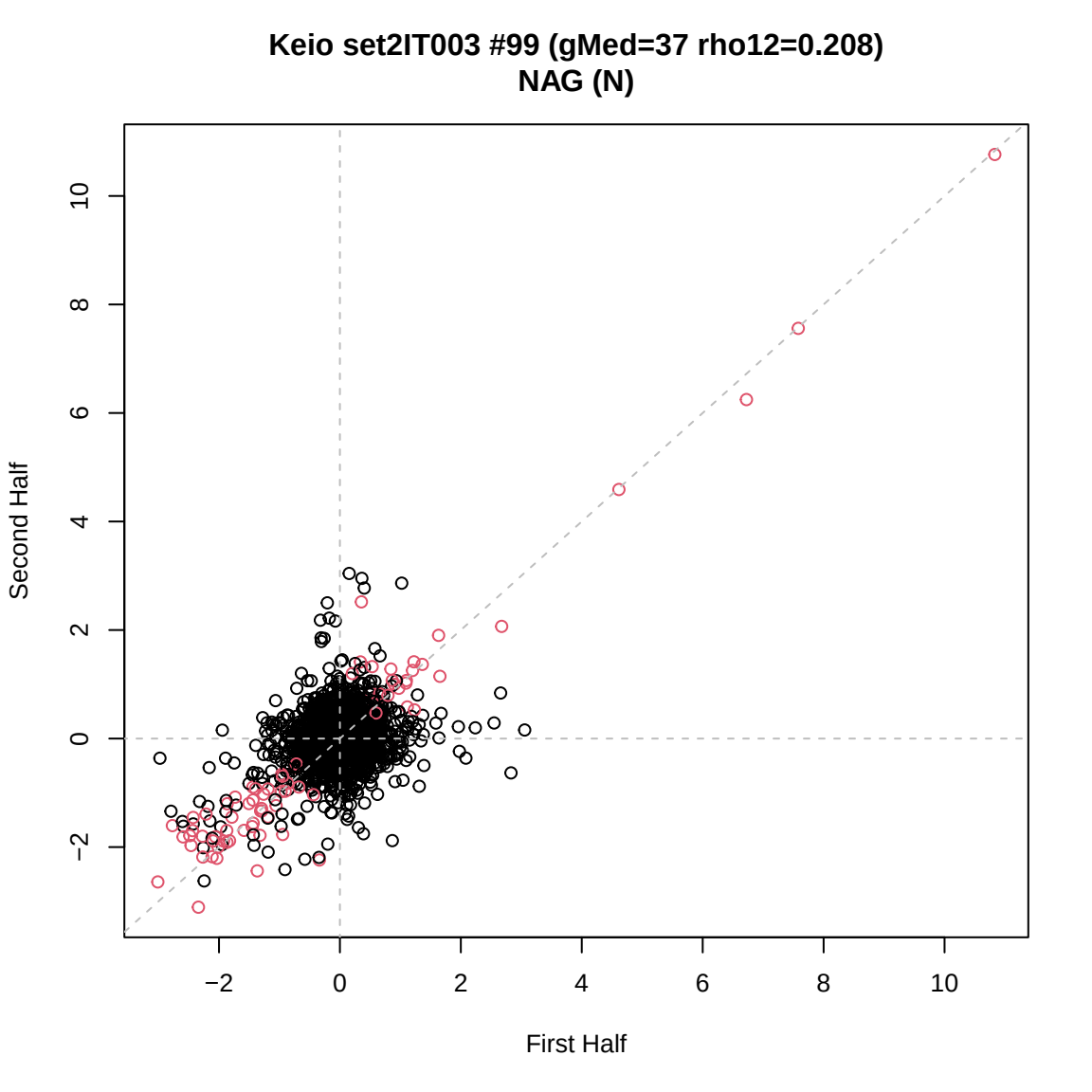

Keio set1IT094 #94 (gMed=186 rho12=0.226)
casaminos (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

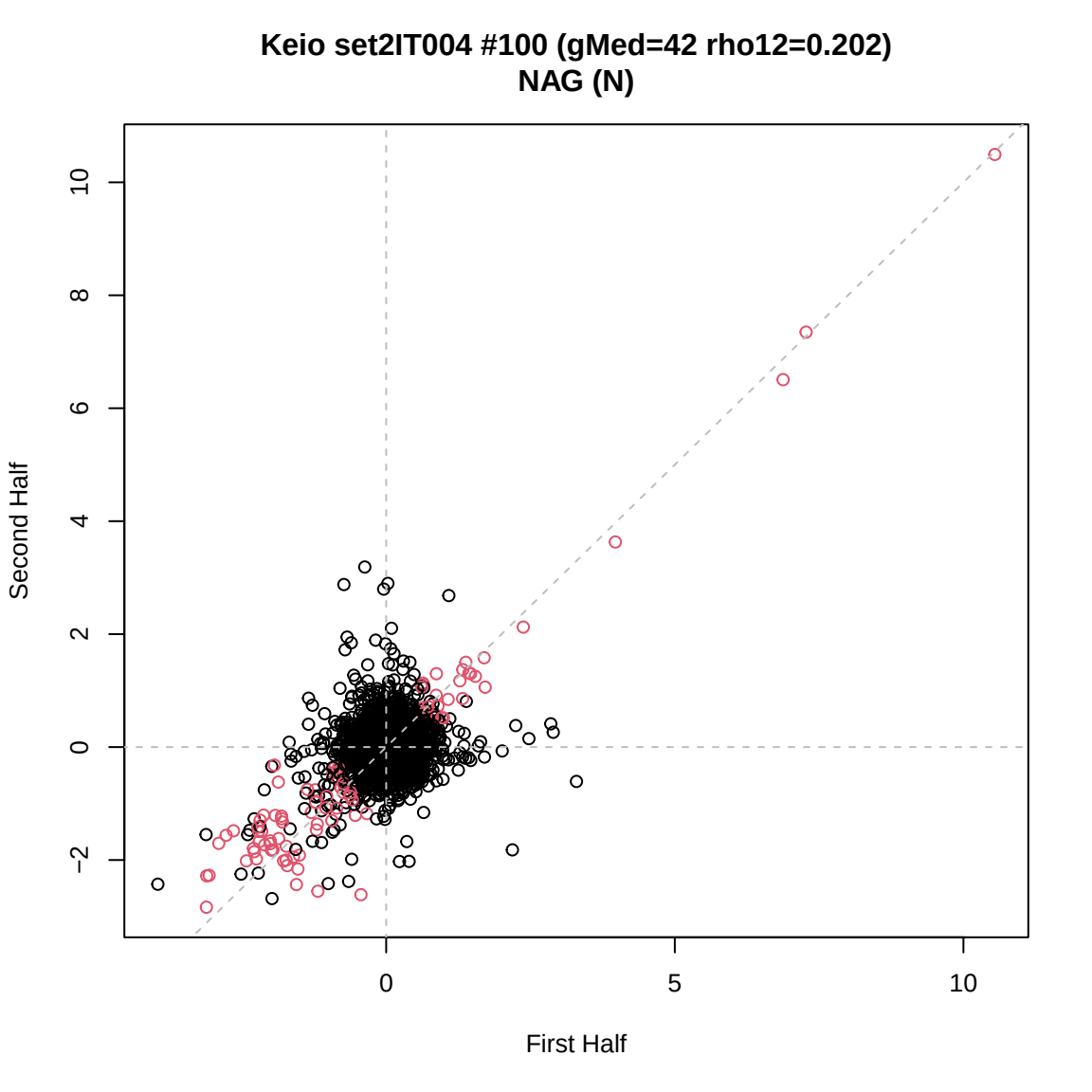

Keio set1IT095 #95 (gMed=190 rho12=0.474)
Putrescine (N)
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

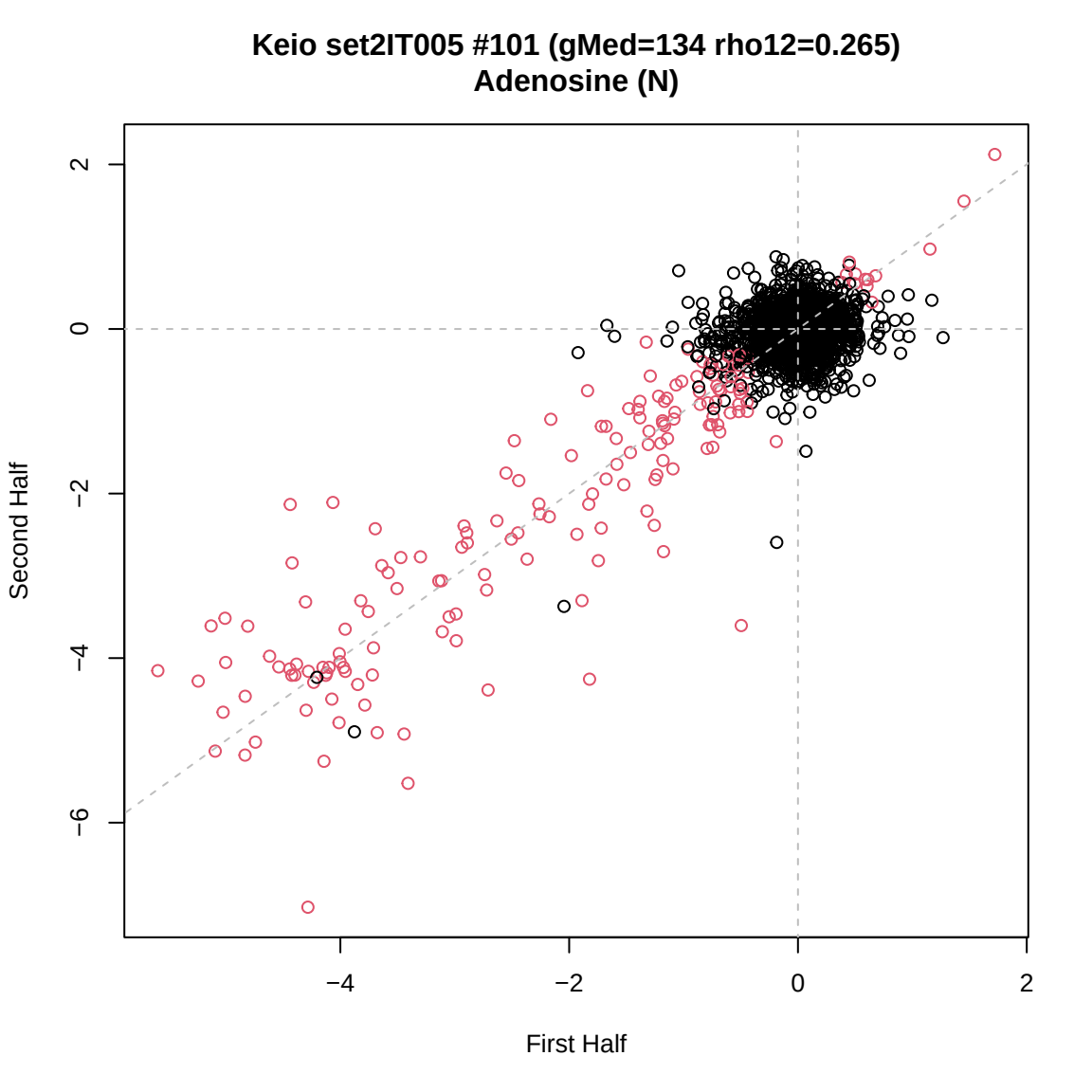

Keio set1IT096 #96 (gMed=195 rho12=0.450)
Putrescine (N)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

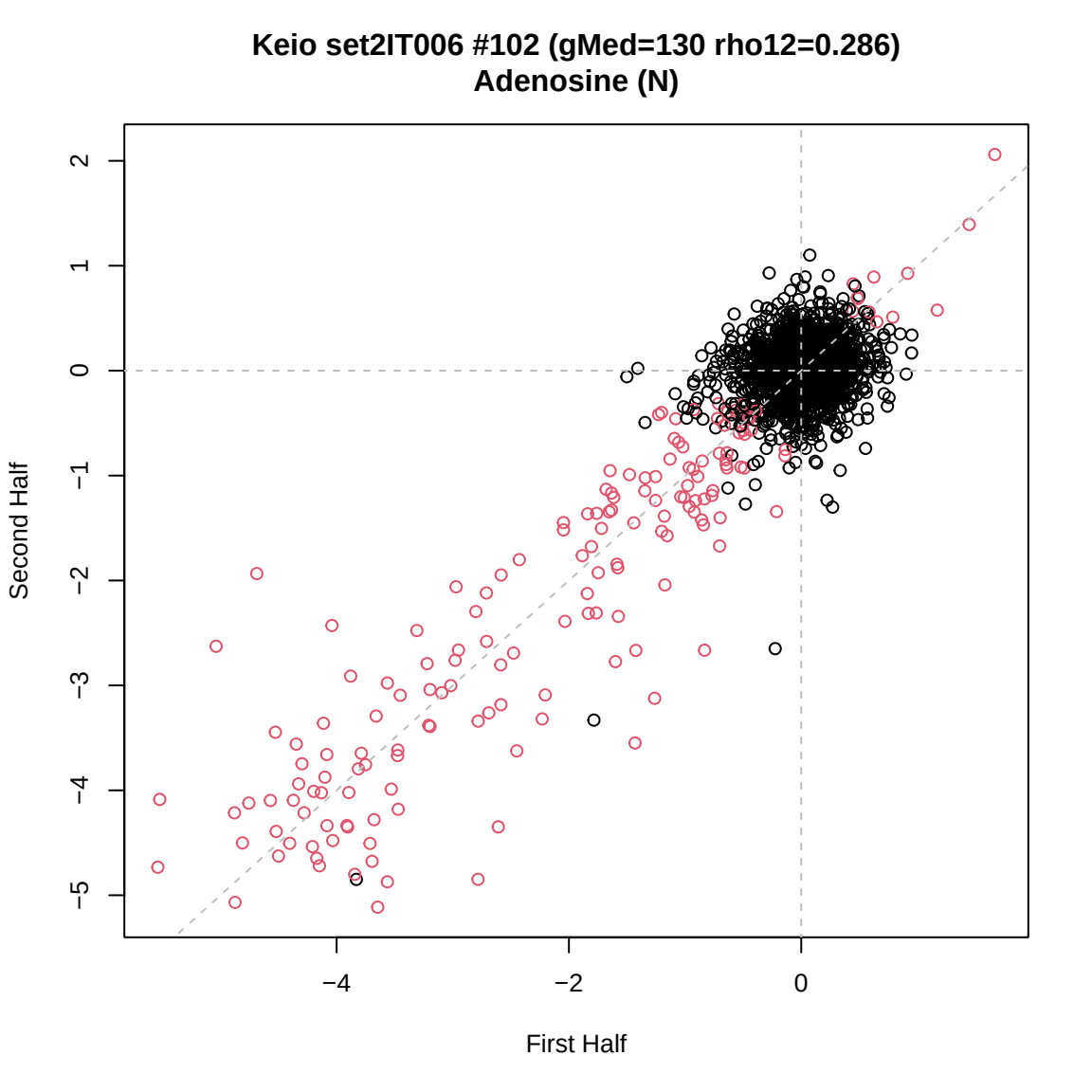

Keio set2IT001 #97 (gMed=98 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

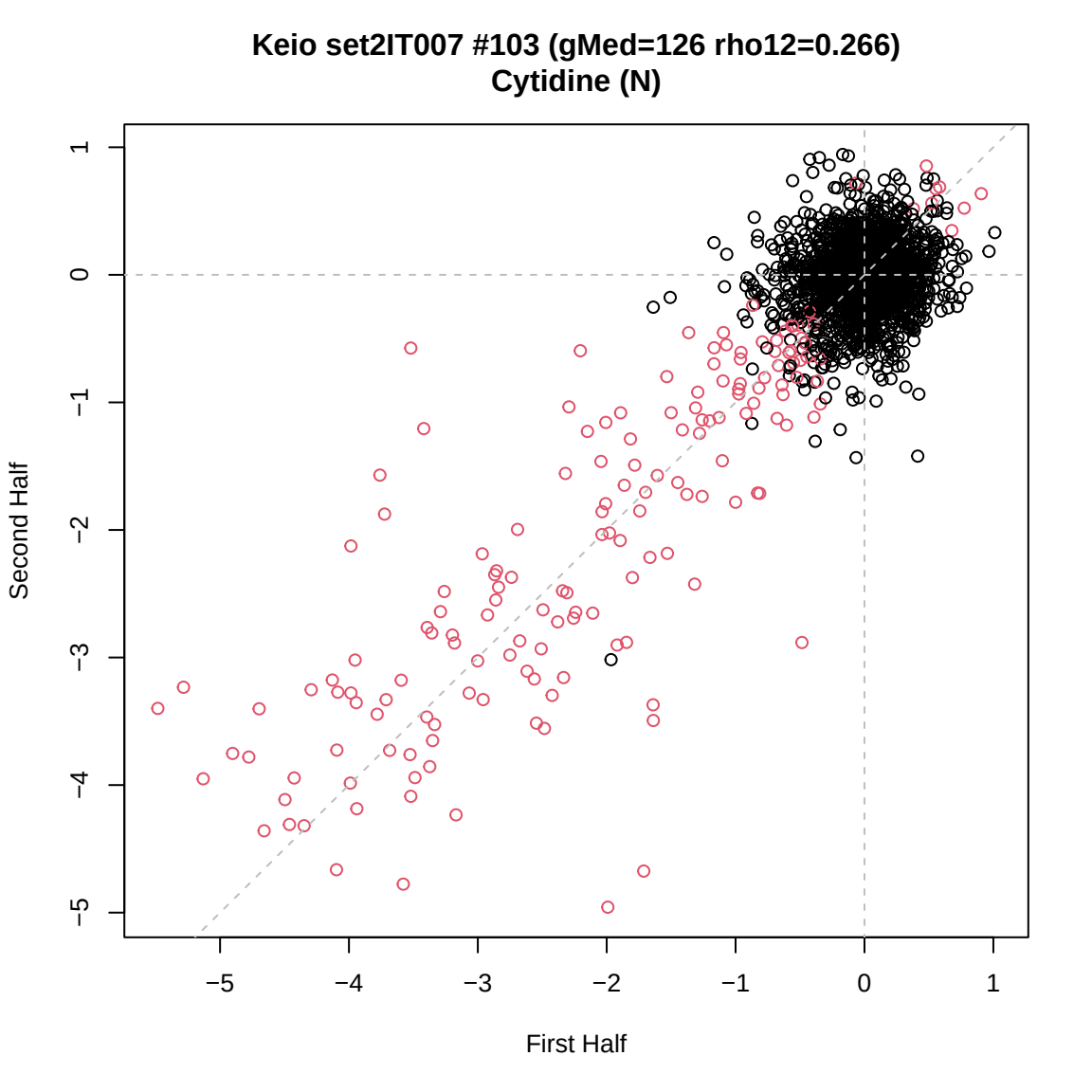

Keio set2IT002 #98 (gMed=123 rho12=0.011)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

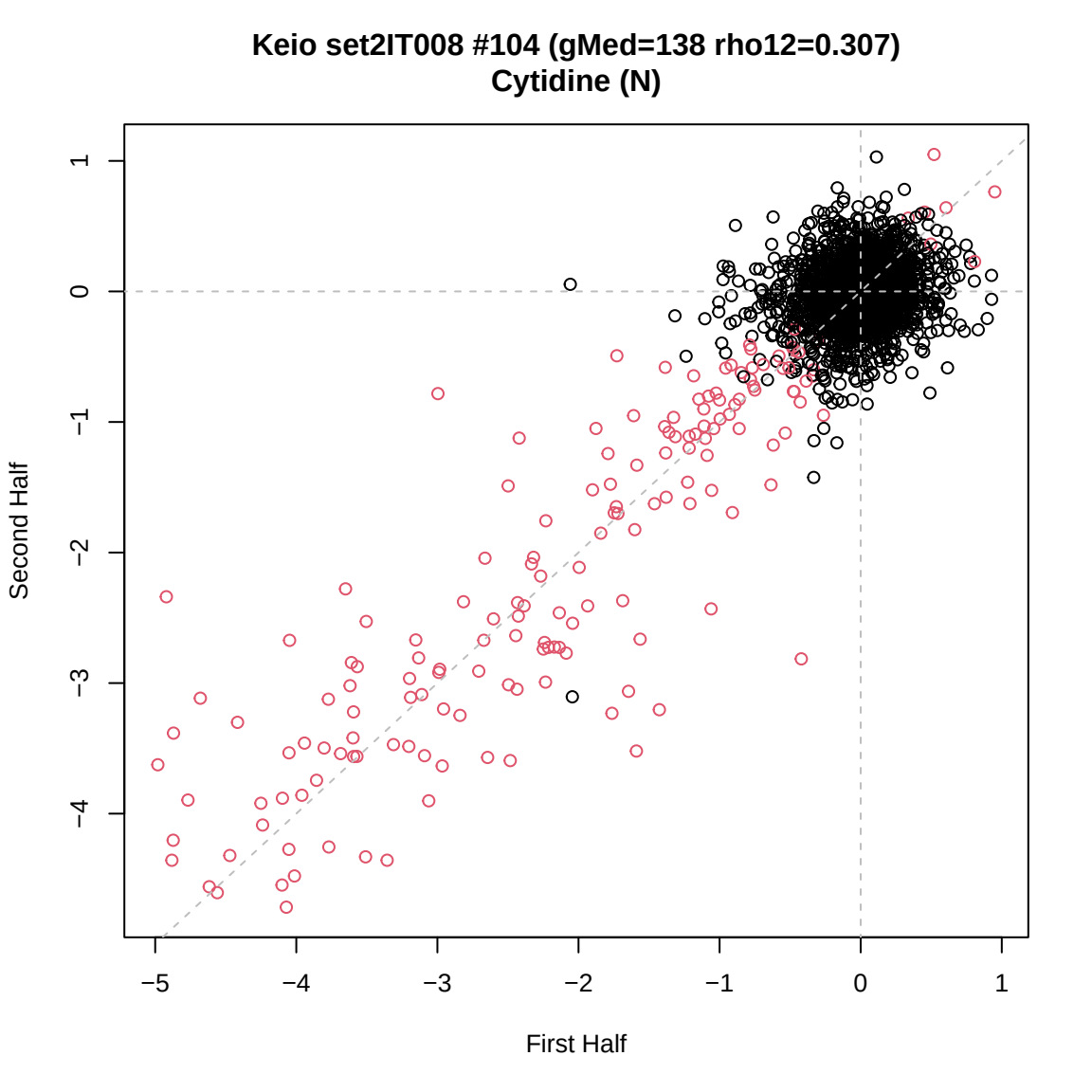

Keio set2IT003 #99 (gMed=37 rho12=0.208)
NAG (N)
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

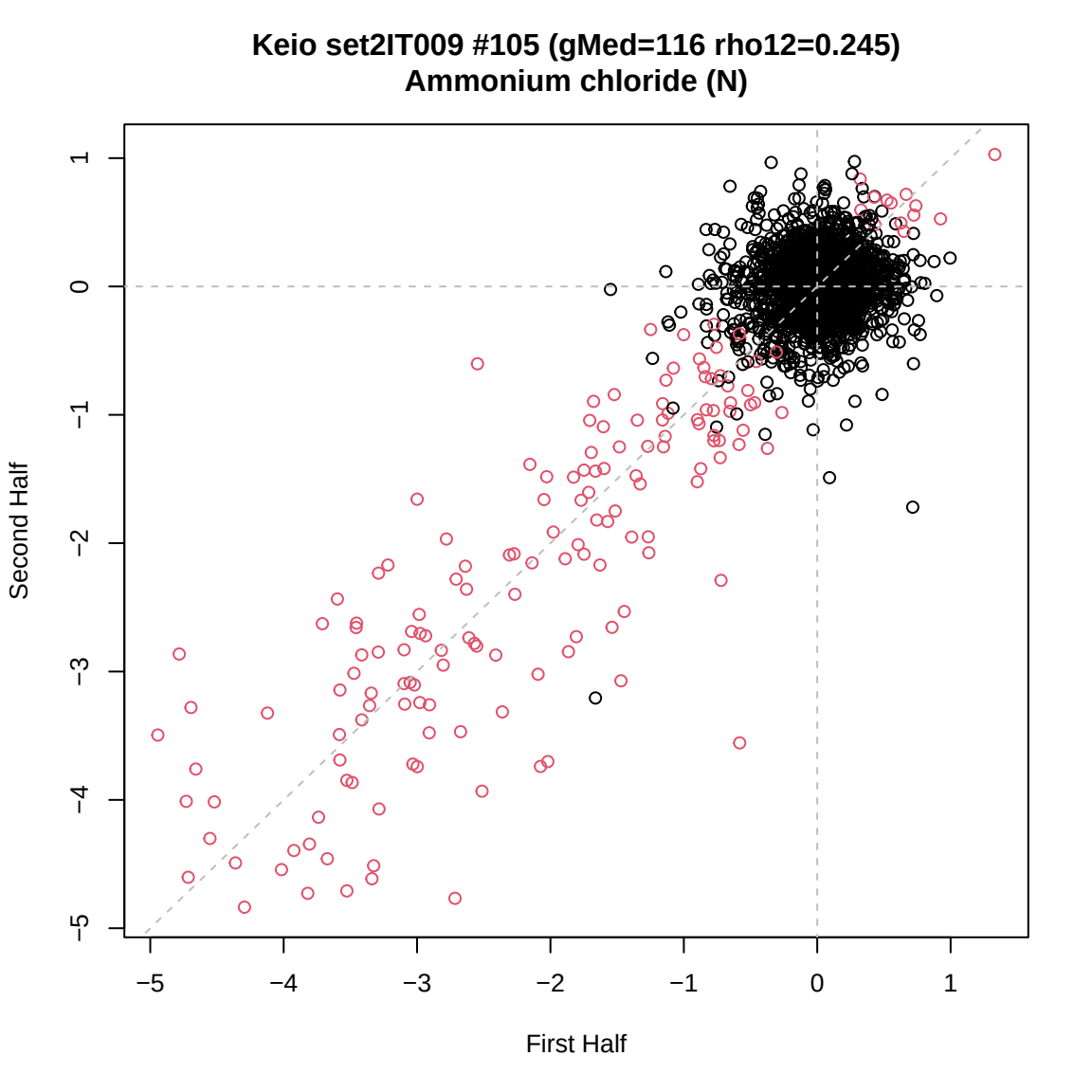

Keio set2IT004 #100 (gMed=42 rho12=0.202)
NAG (N)
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10

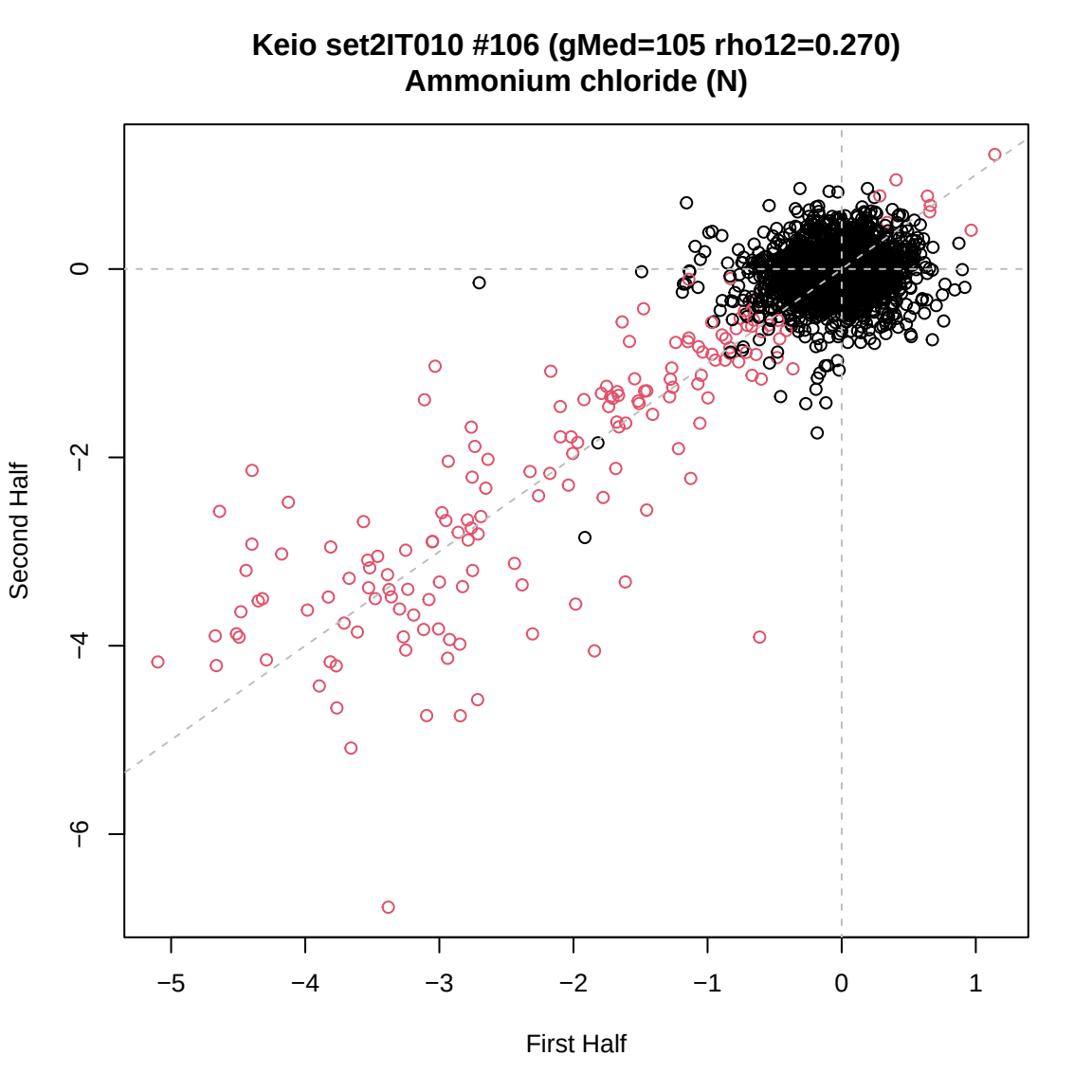

Keio set2IT005 #101 (gMed=134 rho12=0.265)
Adenosine (N)
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

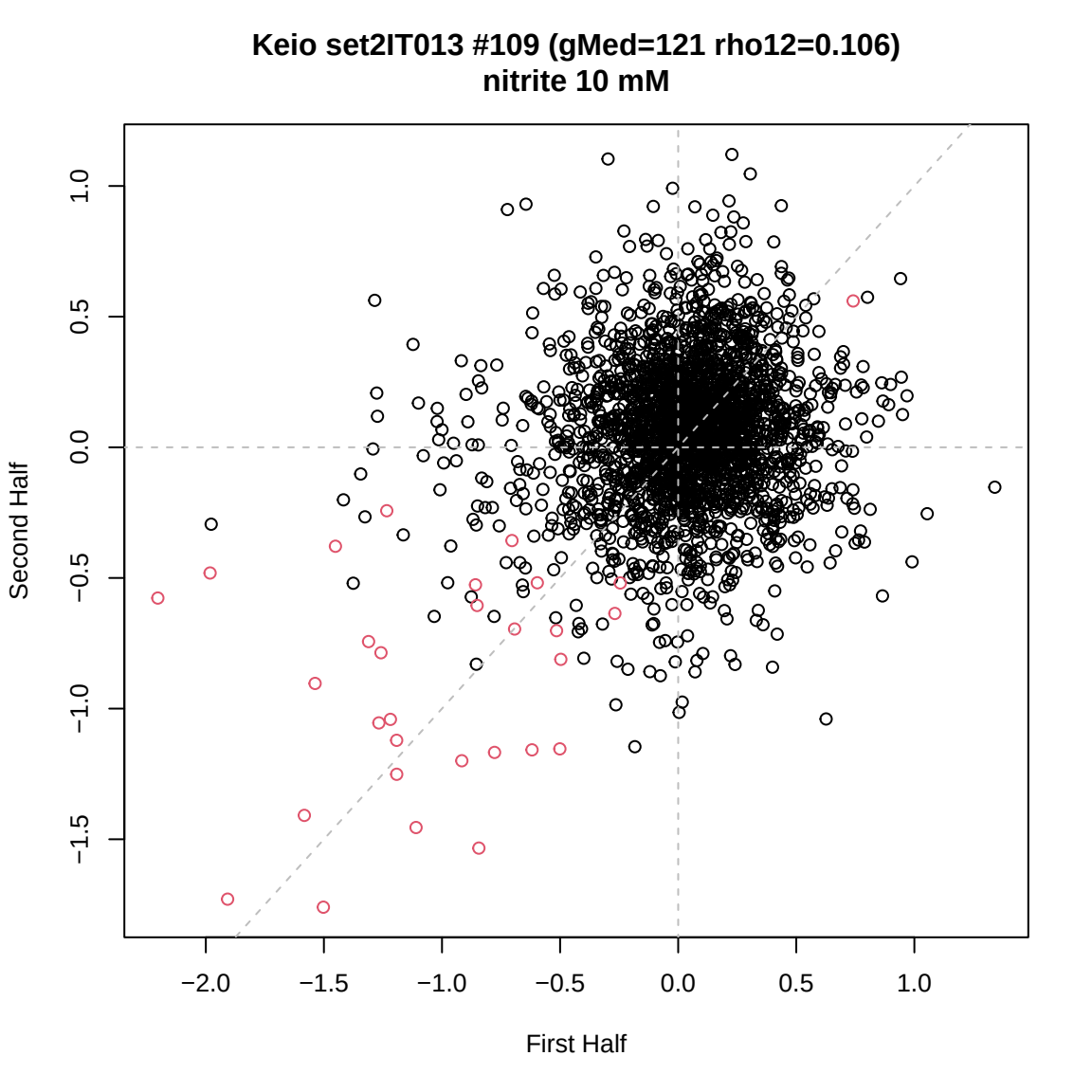

Keio set2IT006 #102 (gMed=130 rho12=0.286)
Adenosine (N)
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−2
0

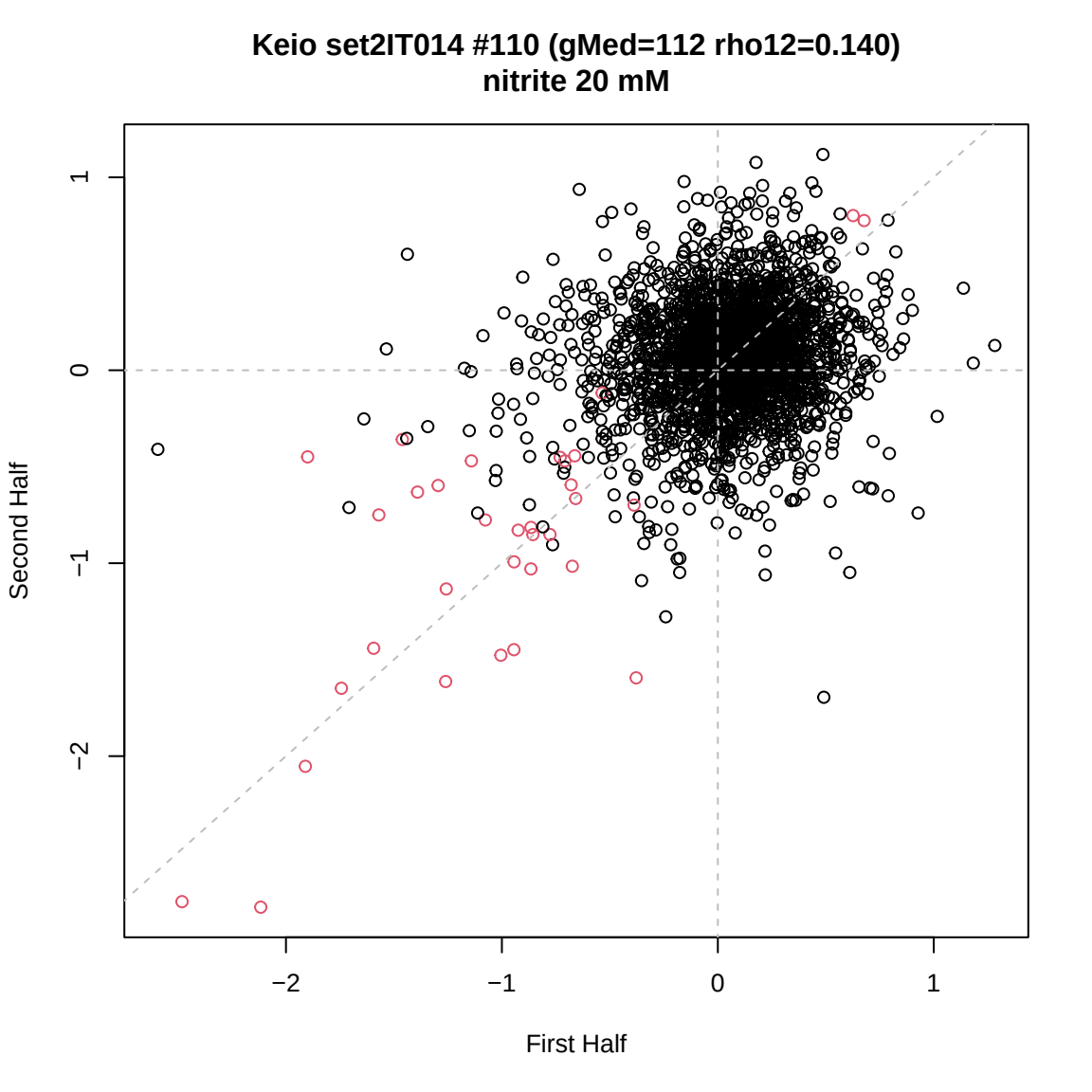

Keio set2IT007 #103 (gMed=126 rho12=0.266)
Cytidine (N)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

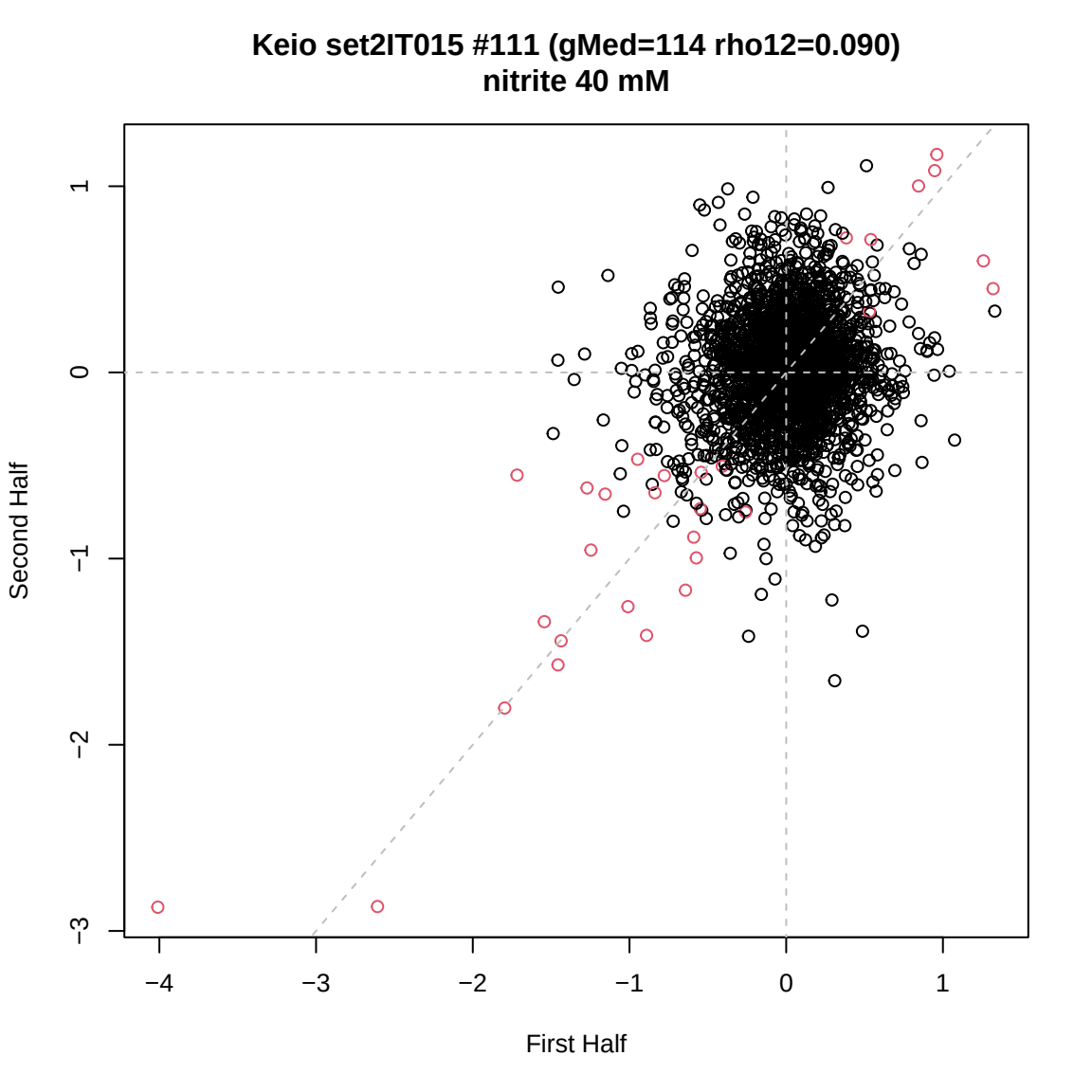

Keio set2IT008 #104 (gMed=138 rho12=0.307)
Cytidine (N)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

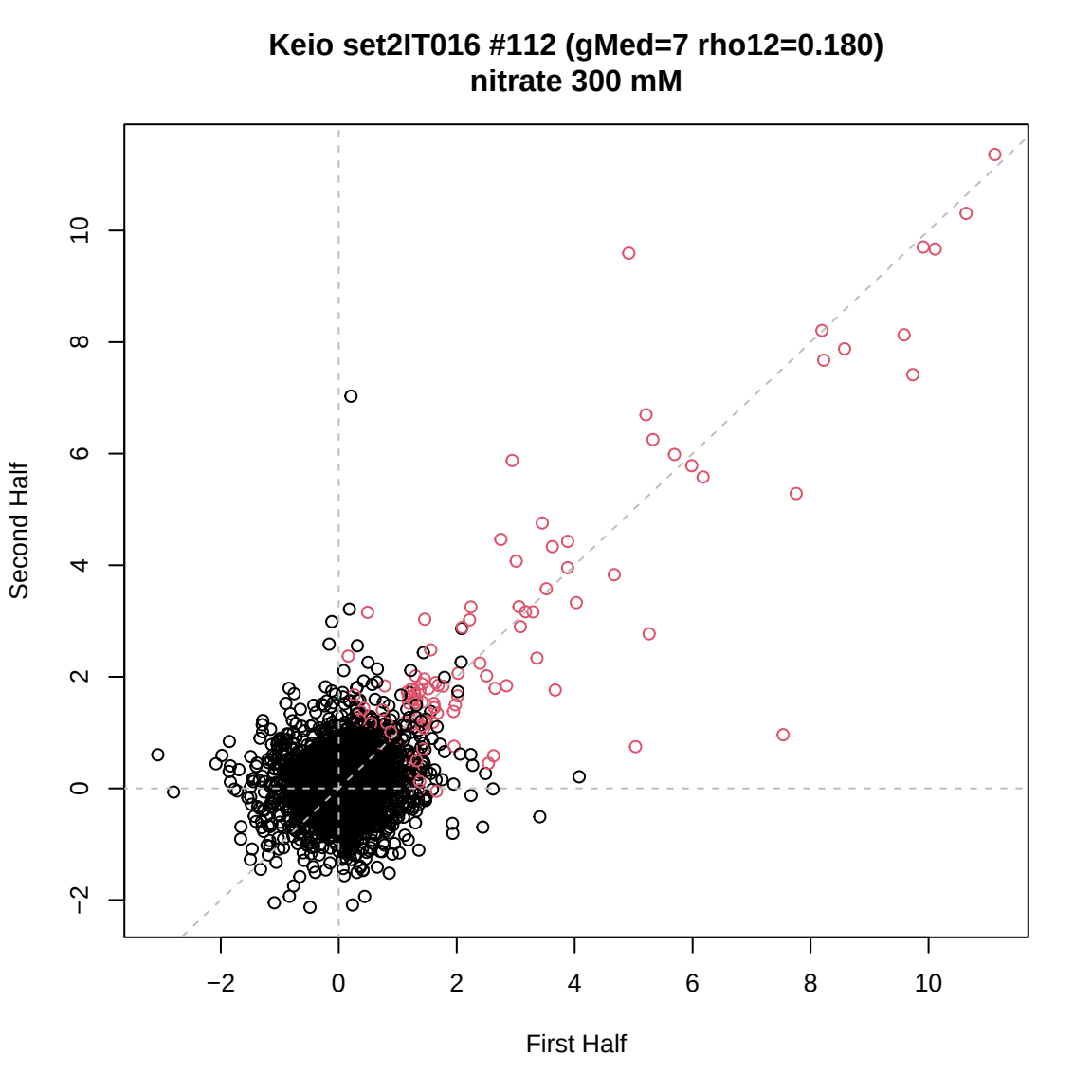

Keio set2IT009 #105 (gMed=116 rho12=0.245)
Ammonium chloride (N)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

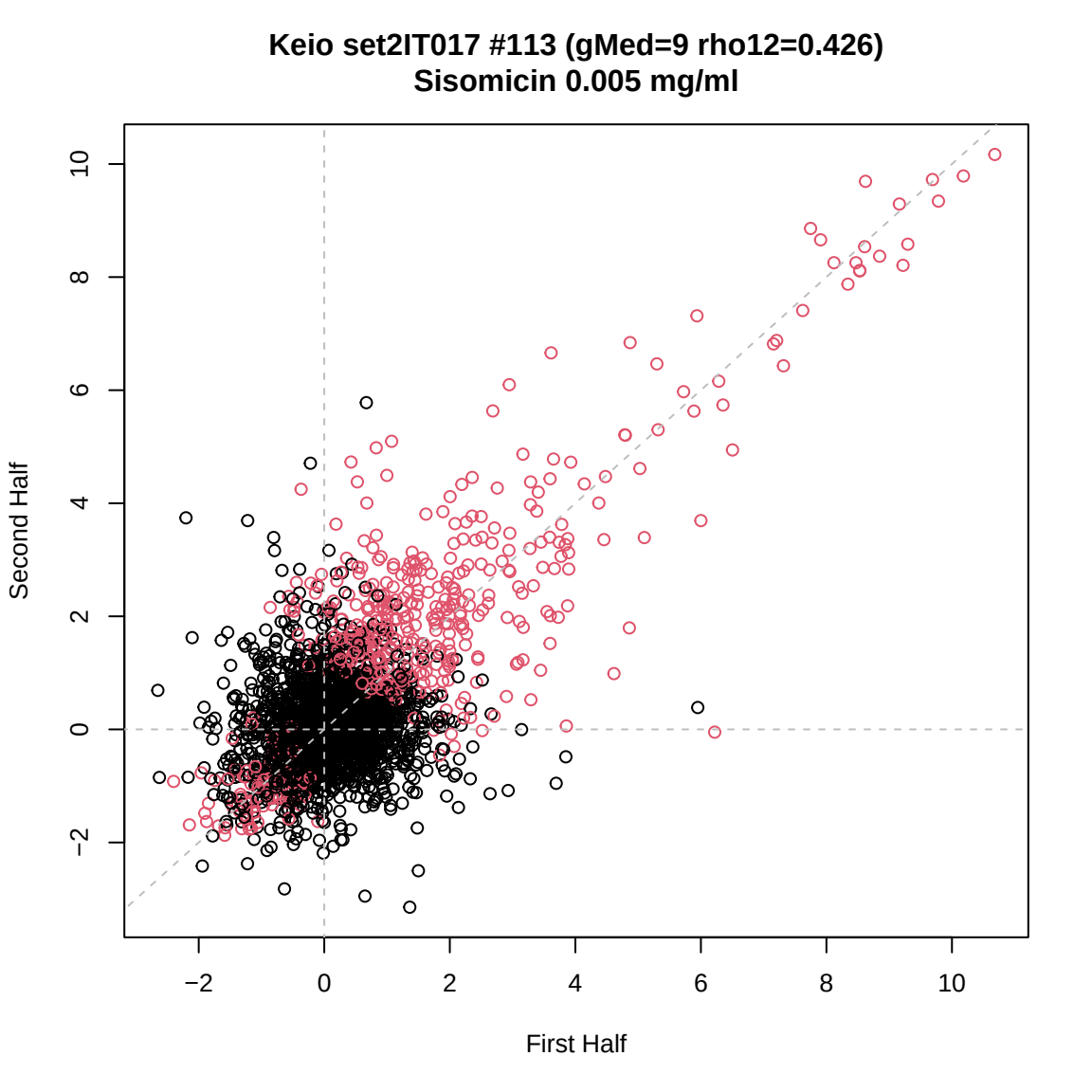

Keio set2IT010 #106 (gMed=105 rho12=0.270)
Ammonium chloride (N)
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

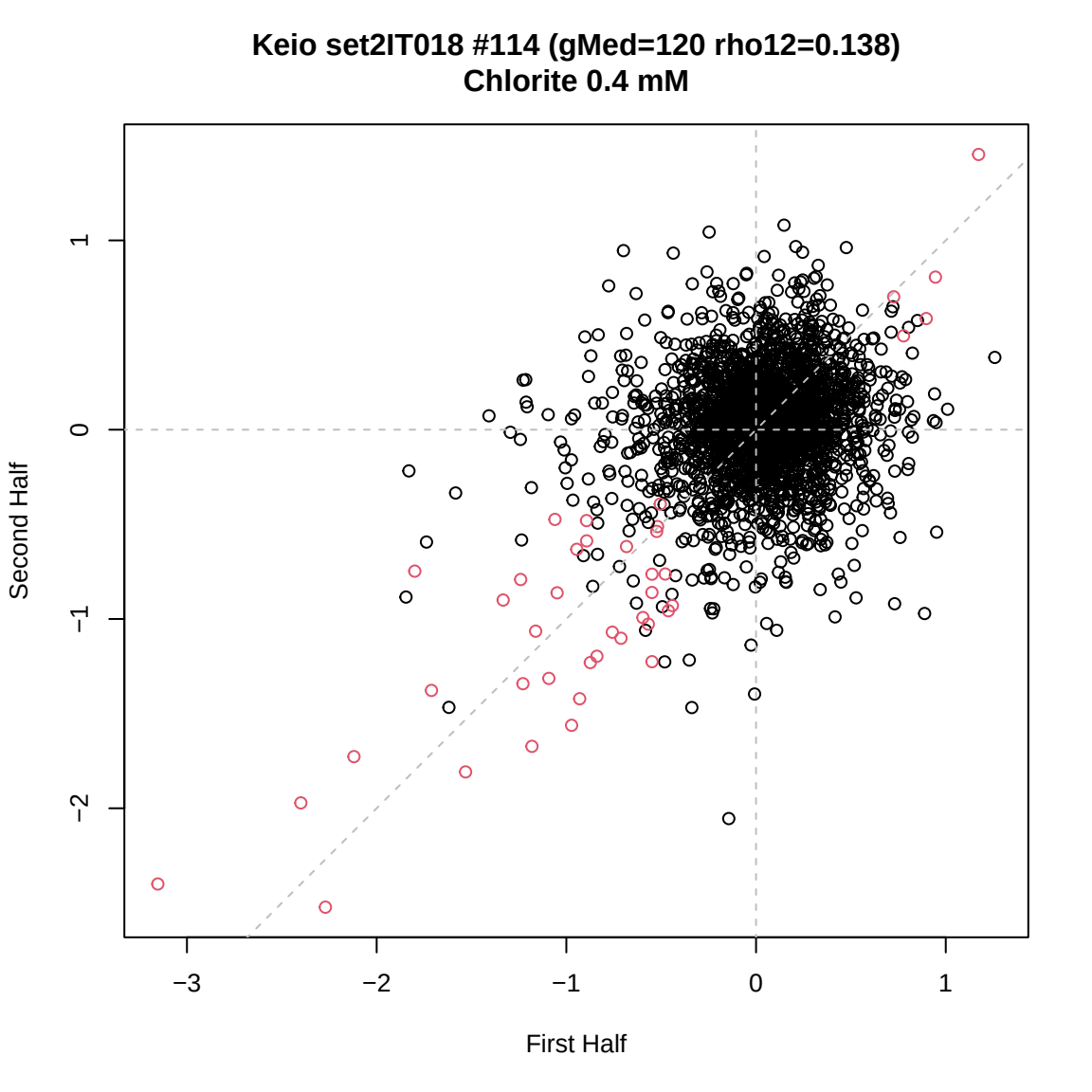

Keio set2IT013 #109 (gMed=121 rho12=0.106)
nitrite 10 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

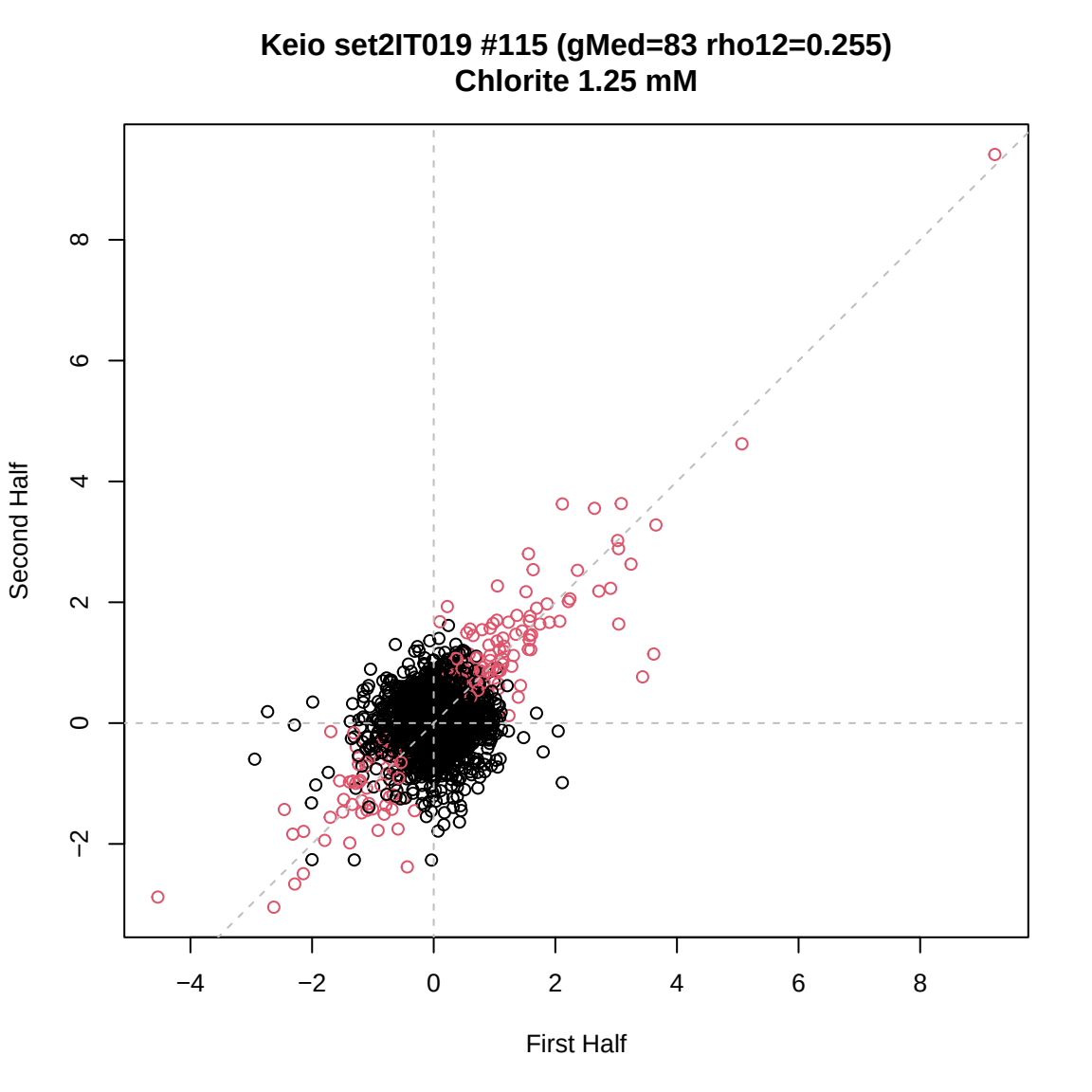

Keio set2IT014 #110 (gMed=112 rho12=0.140)
nitrite 20 mM
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

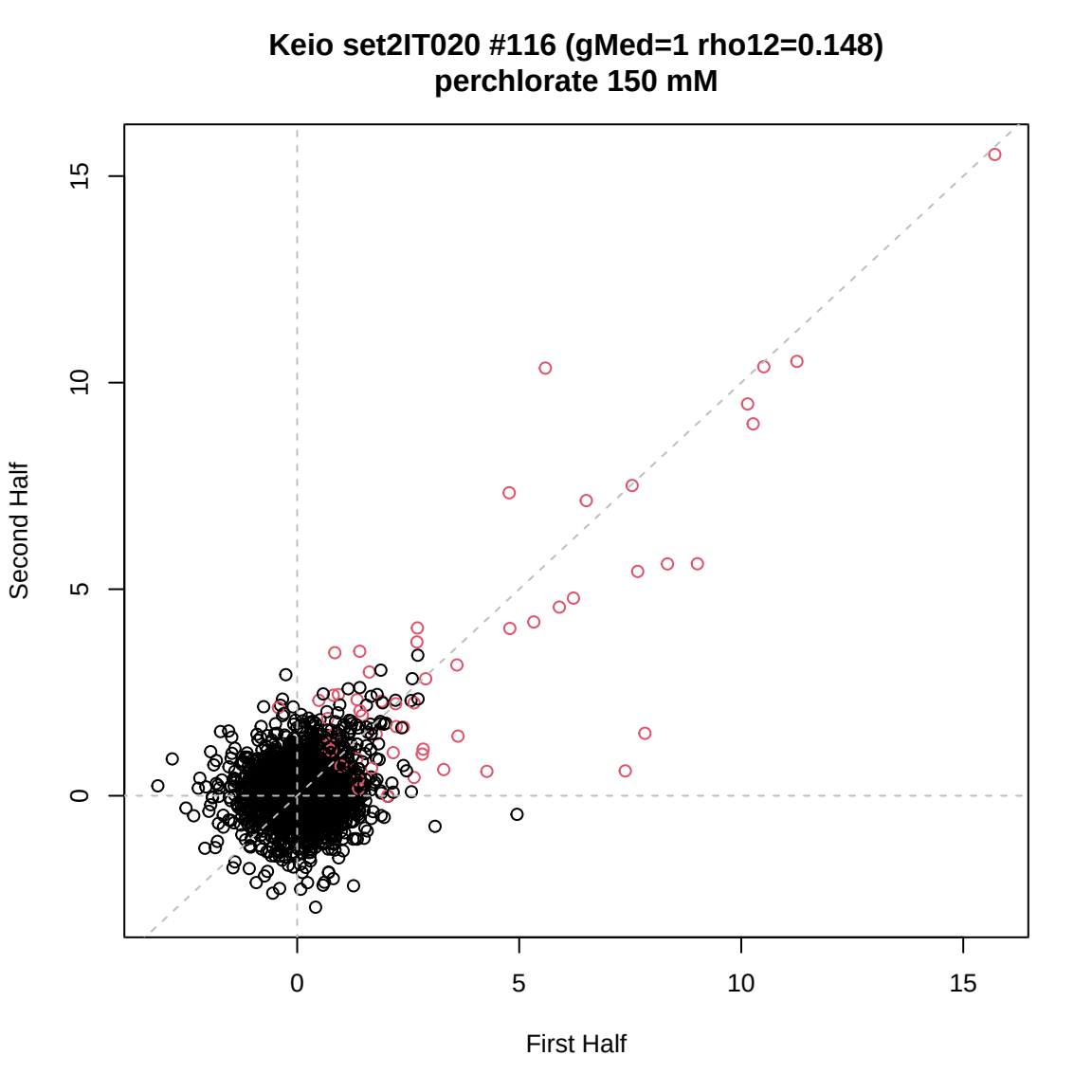

Keio set2IT015 #111 (gMed=114 rho12=0.090)
nitrite 40 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

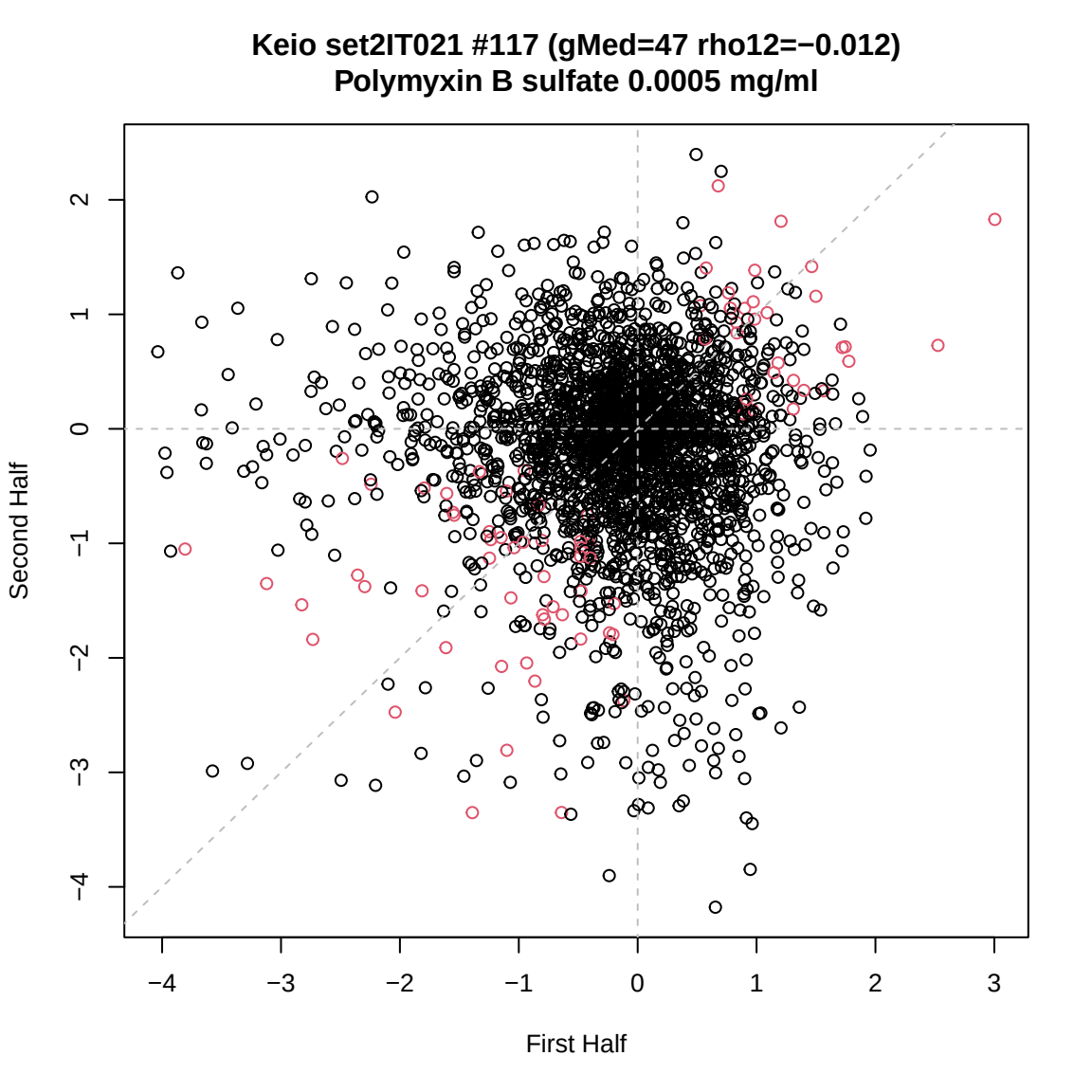

Keio set2IT016 #112 (gMed=7 rho12=0.180)
nitrate 300 mM
Second Half
First Half
−2
0
2
4
6
8
10

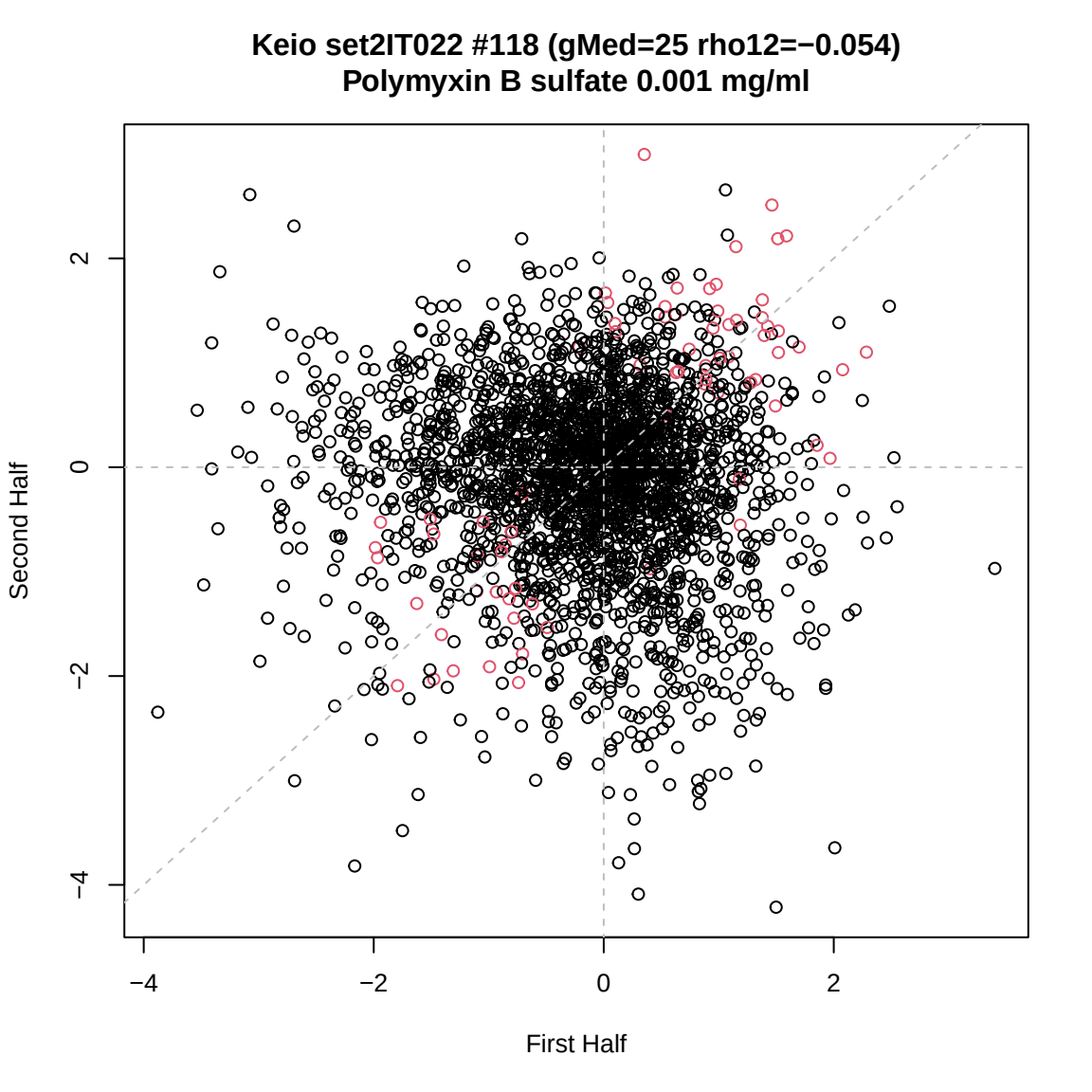

Keio set2IT017 #113 (gMed=9 rho12=0.426)
Sisomicin 0.005 mg/ml
Second Half
First Half
−2
0
2
4
6
8
10

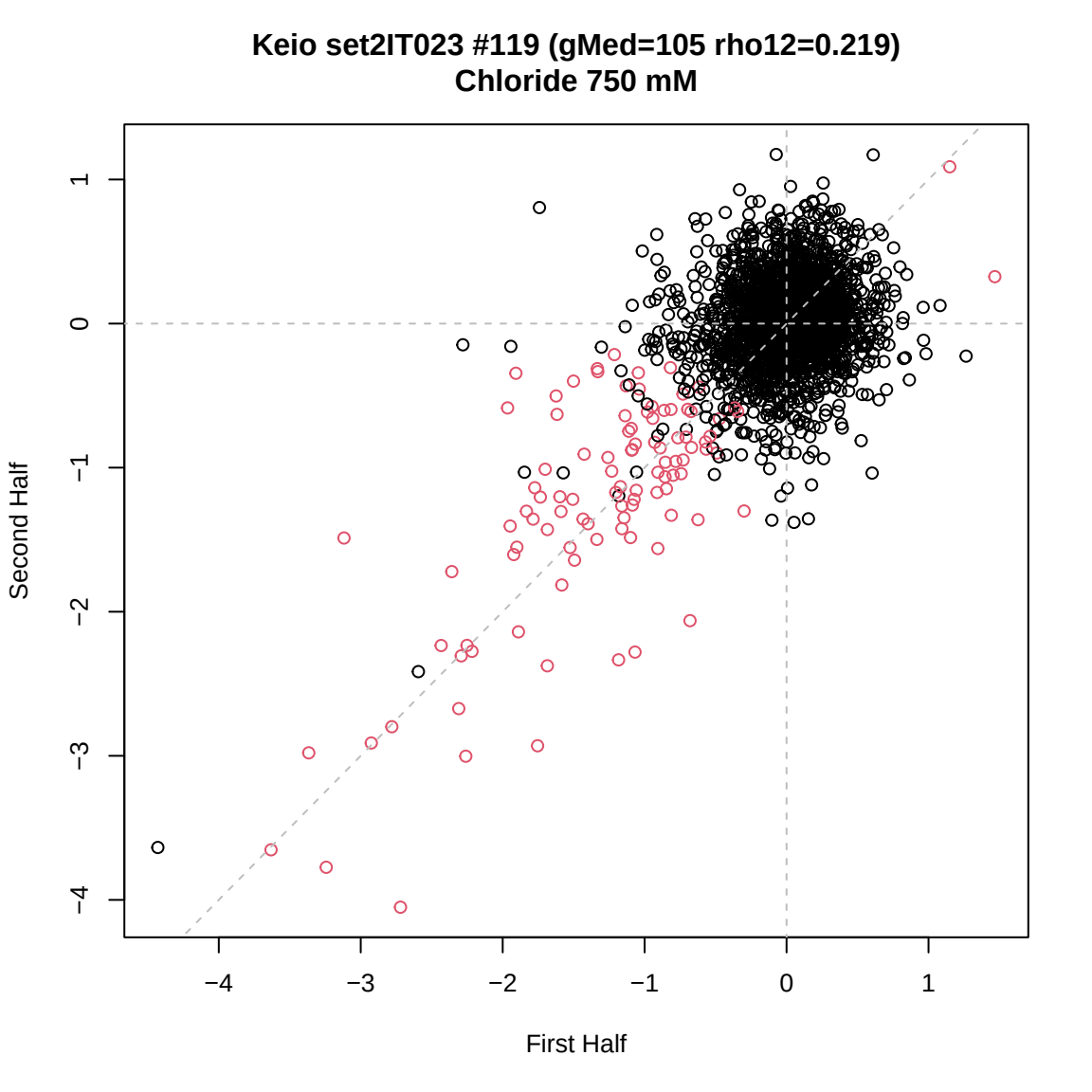

Keio set2IT018 #114 (gMed=120 rho12=0.138)
Chlorite 0.4 mM
Second Half
First Half
−3
−2
−1
0
1
−2
−1
0
1

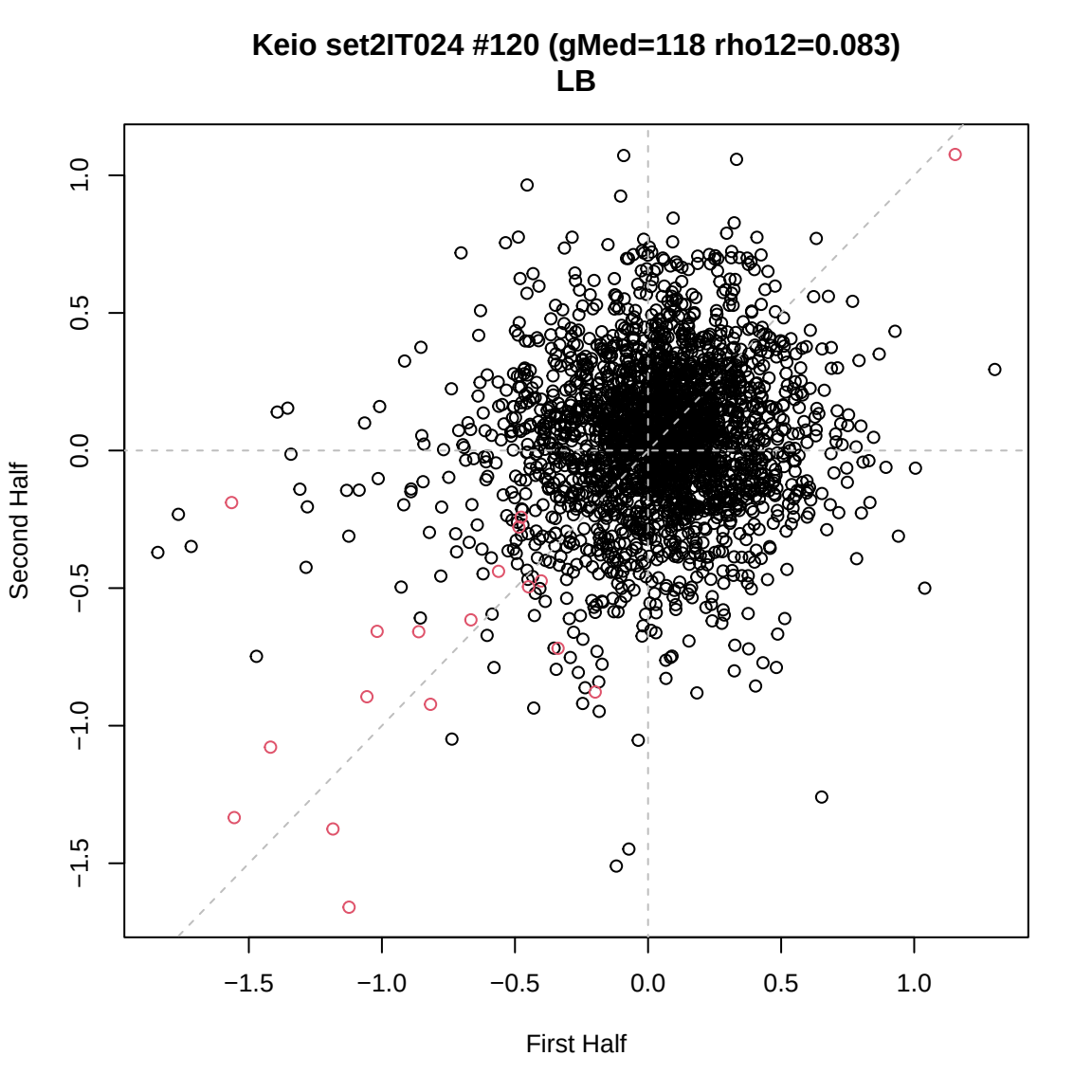

Keio set2IT019 #115 (gMed=83 rho12=0.255)
Chlorite 1.25 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

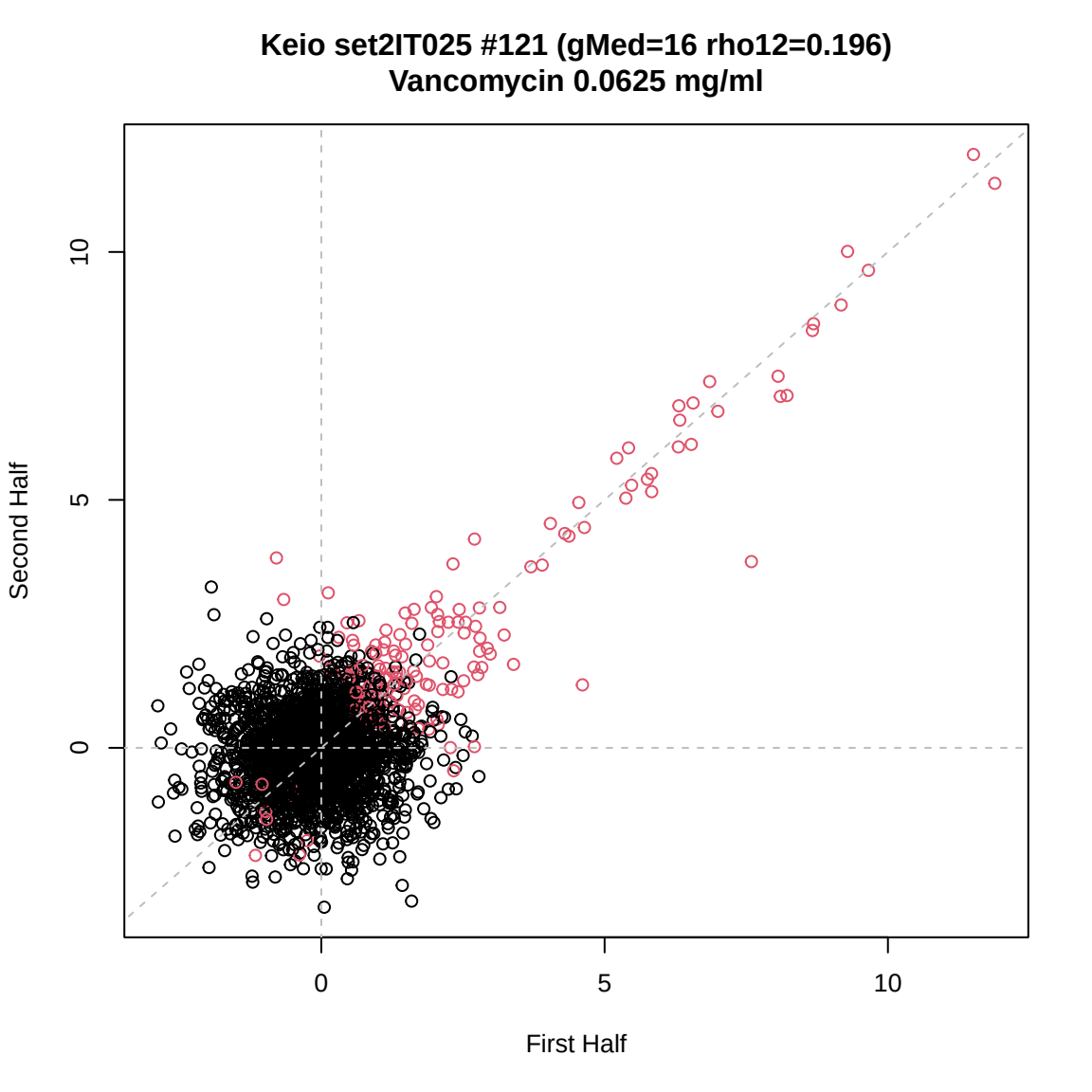

Keio set2IT020 #116 (gMed=1 rho12=0.148)
perchlorate 150 mM
Second Half
First Half
0
5
10
15

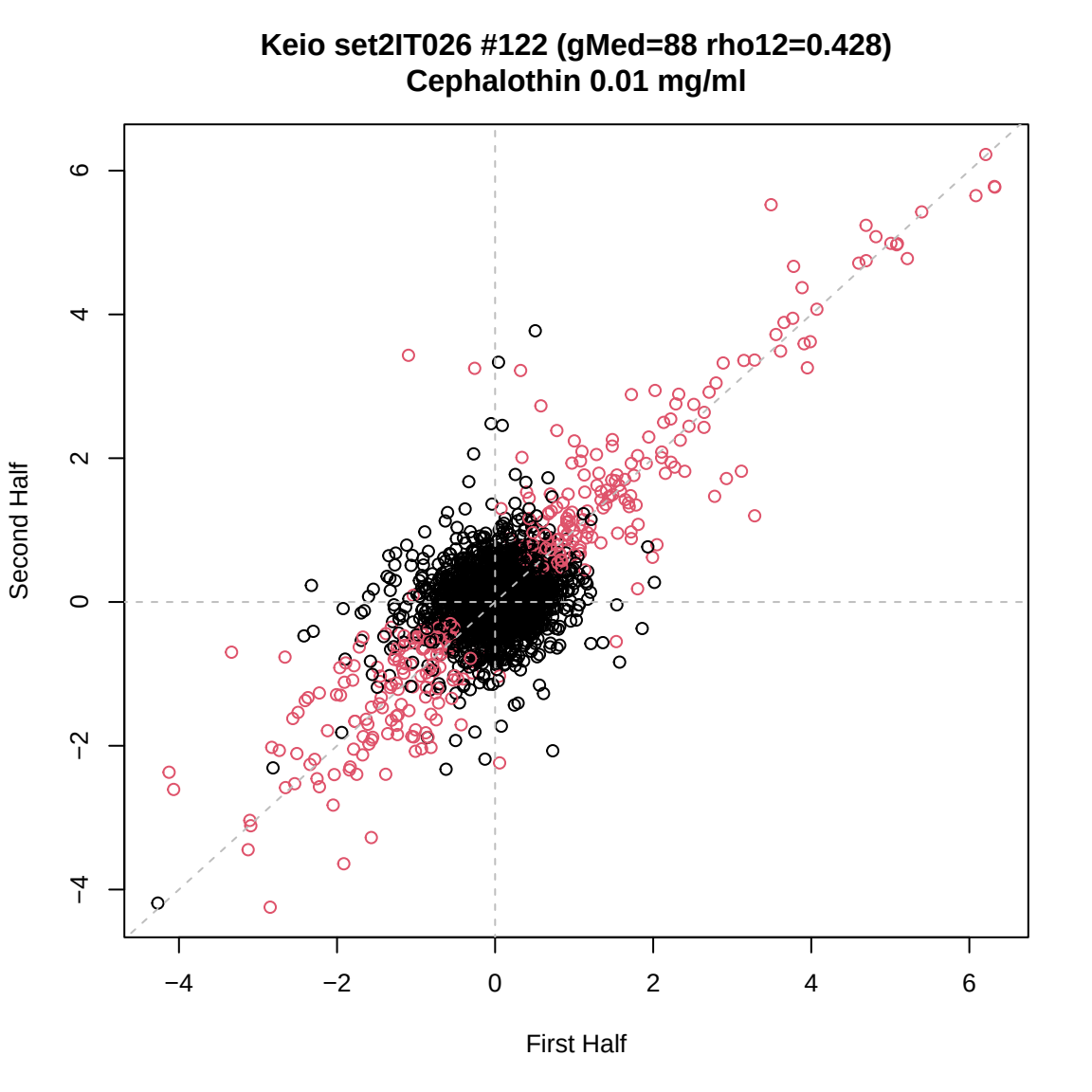

Keio set2IT021 #117 (gMed=47 rho12=−0.012)
Polymyxin B sulfate 0.0005 mg/ml
Second Half
First Half
−4
−3
−2
−1
0
1
2
3

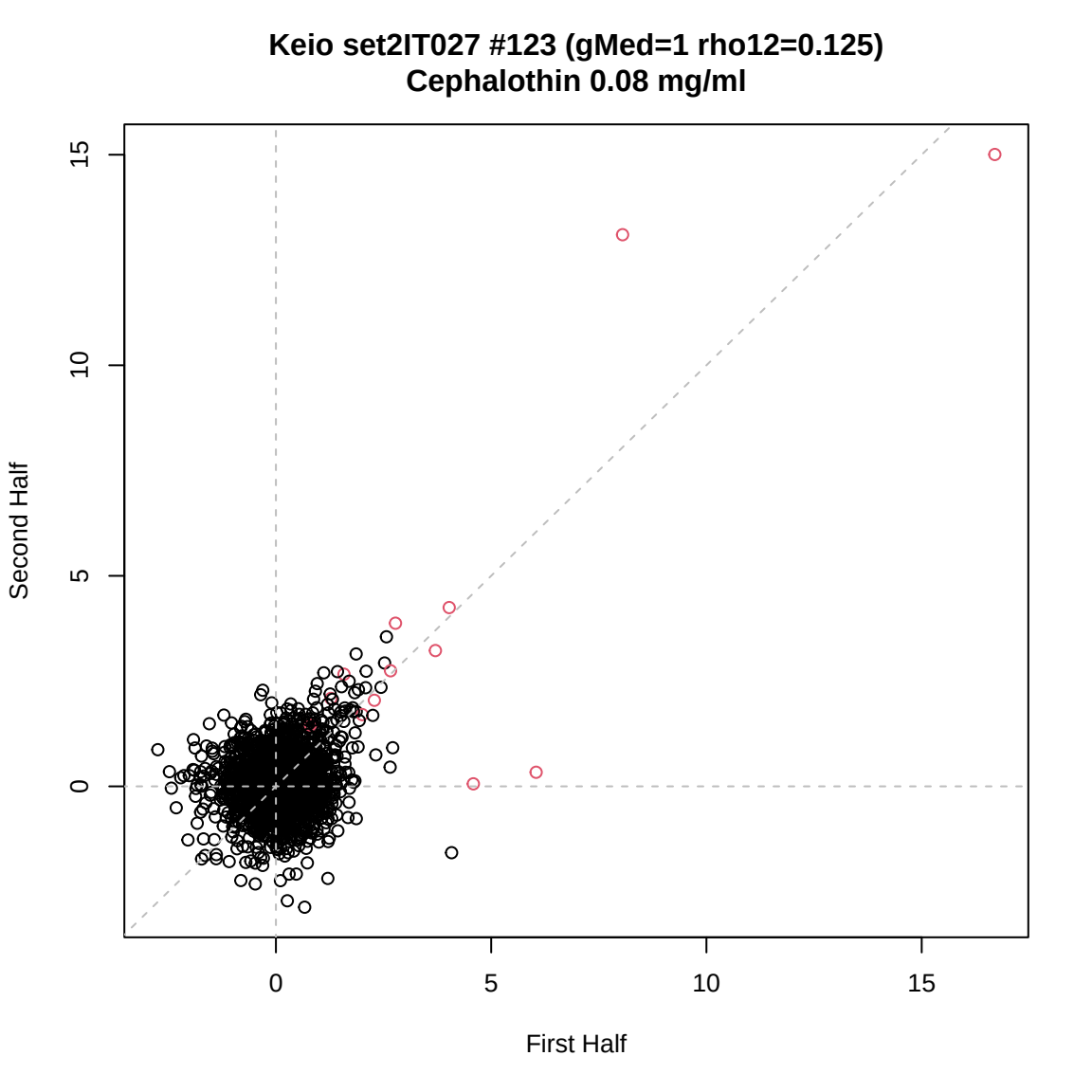

Keio set2IT022 #118 (gMed=25 rho12=−0.054)
Polymyxin B sulfate 0.001 mg/ml
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

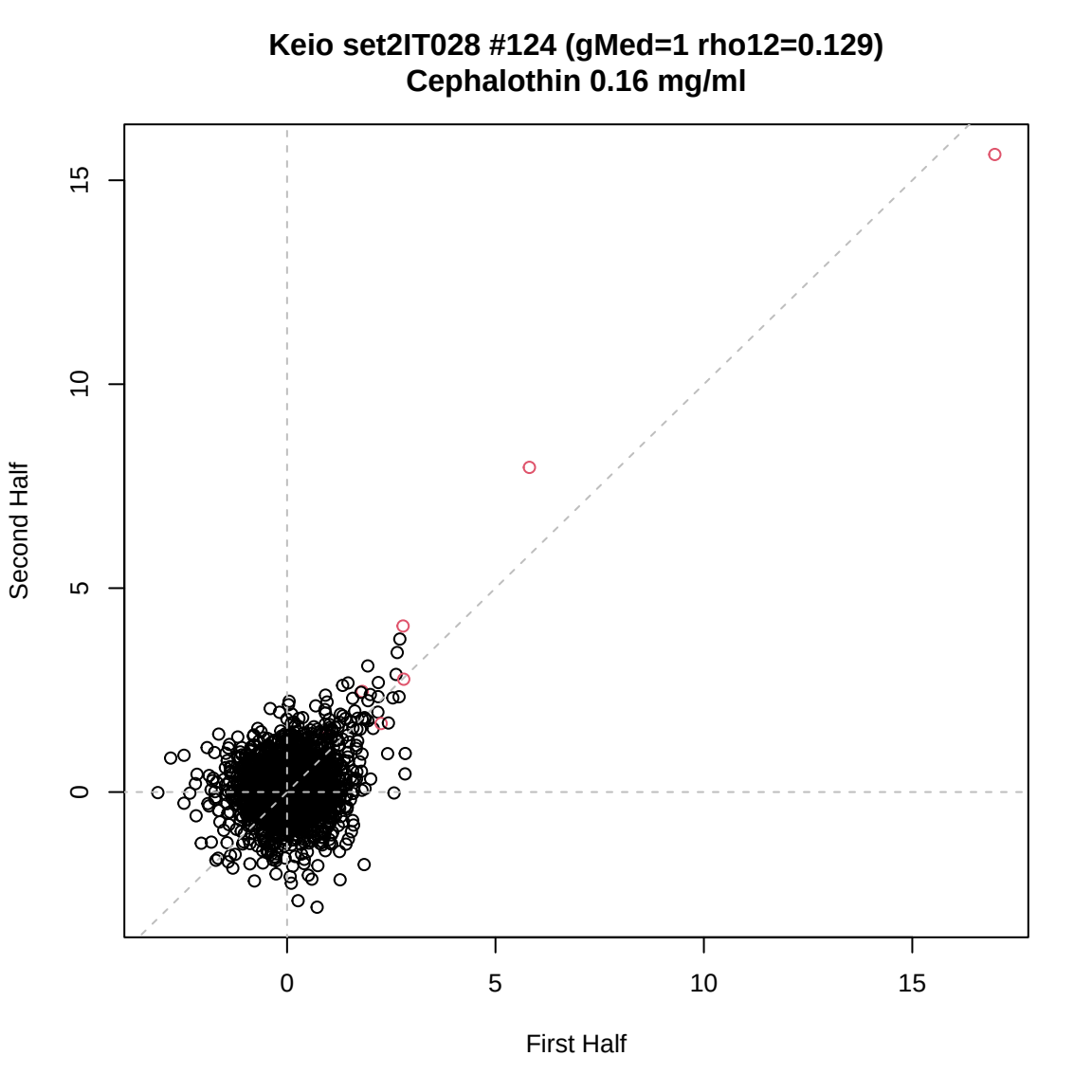

Keio set2IT023 #119 (gMed=105 rho12=0.219)
Chloride 750 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

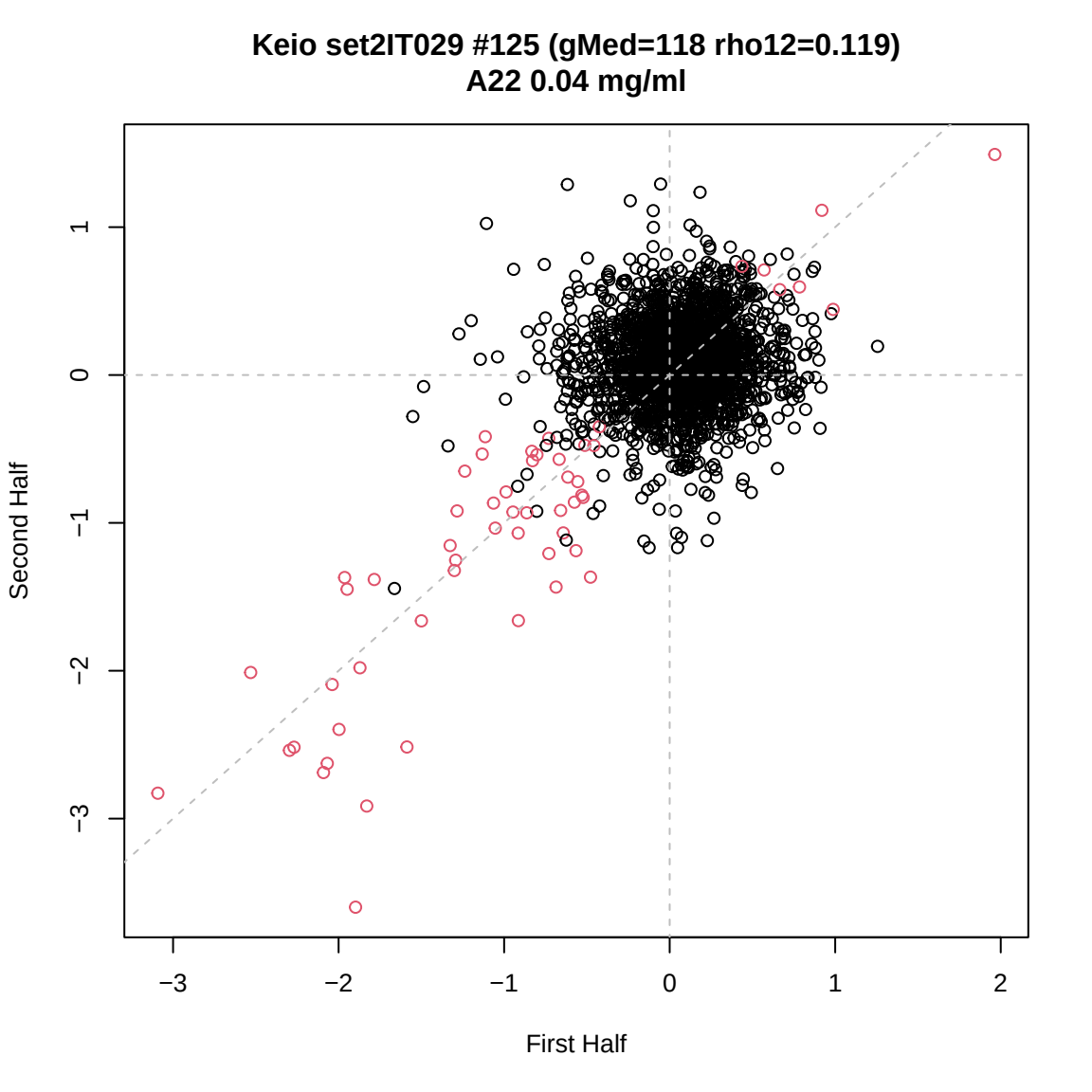

Keio set2IT024 #120 (gMed=118 rho12=0.083)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

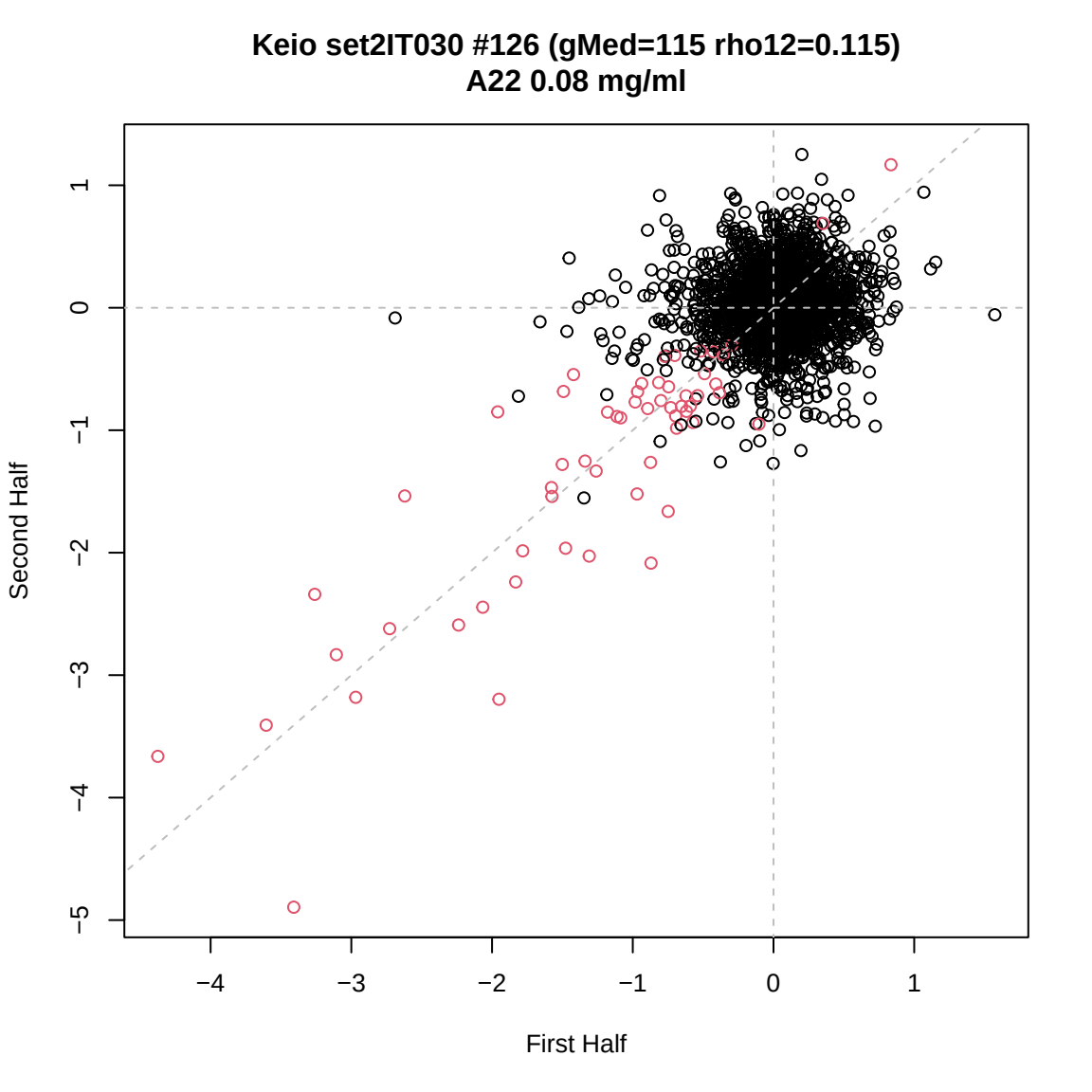

Keio set2IT025 #121 (gMed=16 rho12=0.196)
Vancomycin 0.0625 mg/ml
Second Half
First Half
0
5
10
0
5
10

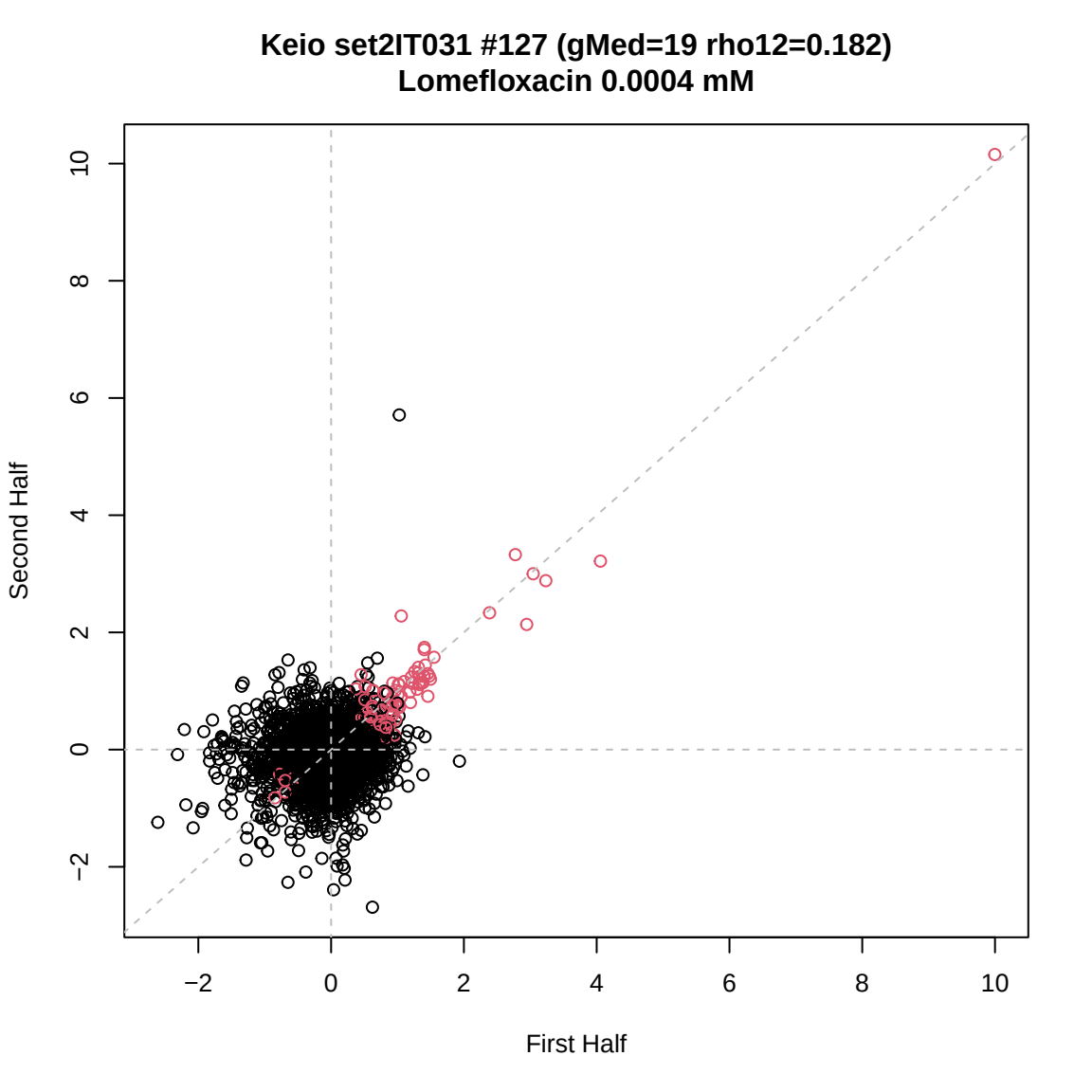

Keio set2IT026 #122 (gMed=88 rho12=0.428)
Cephalothin 0.01 mg/ml
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

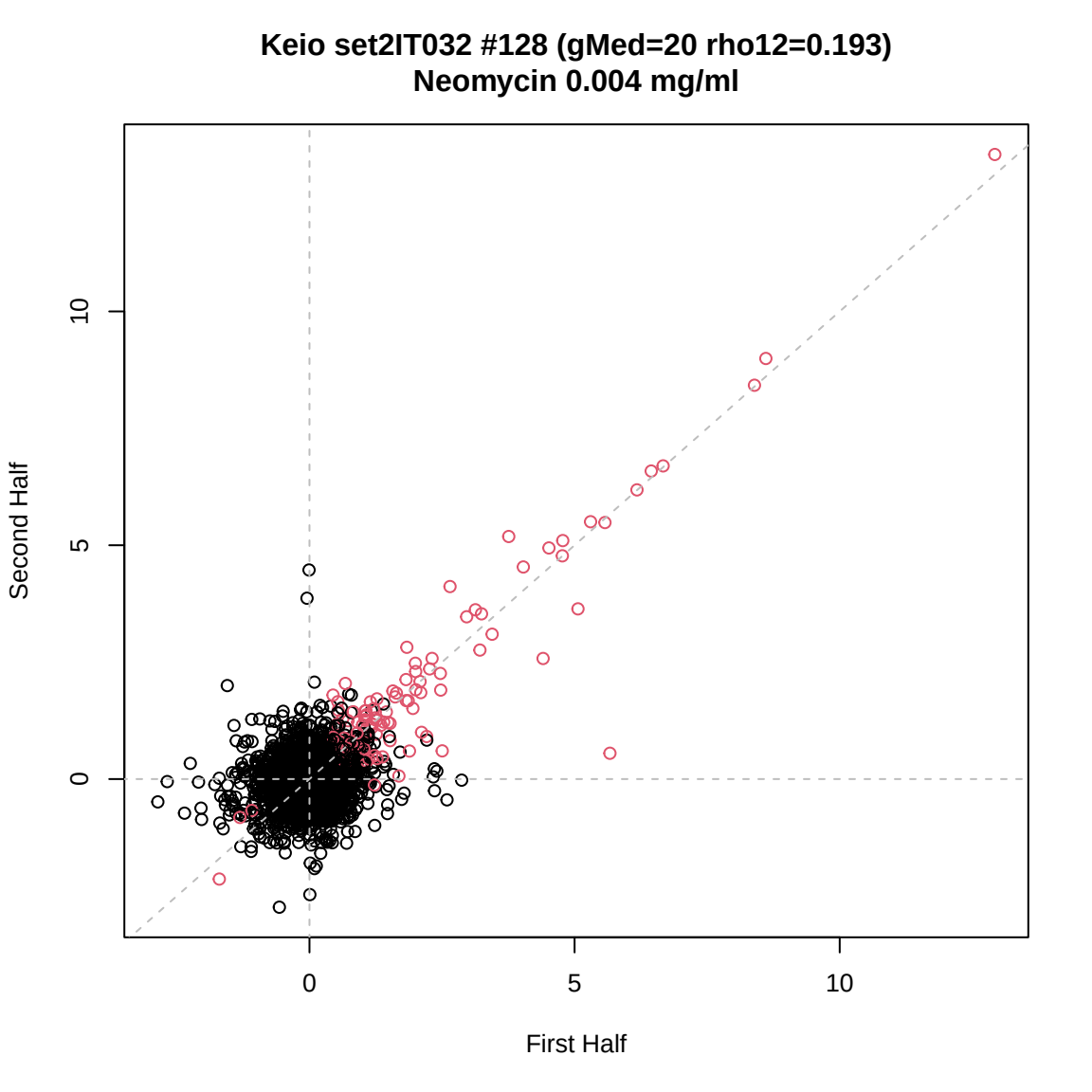

Keio set2IT027 #123 (gMed=1 rho12=0.125)
Cephalothin 0.08 mg/ml
Second Half
First Half
0
5
10
15

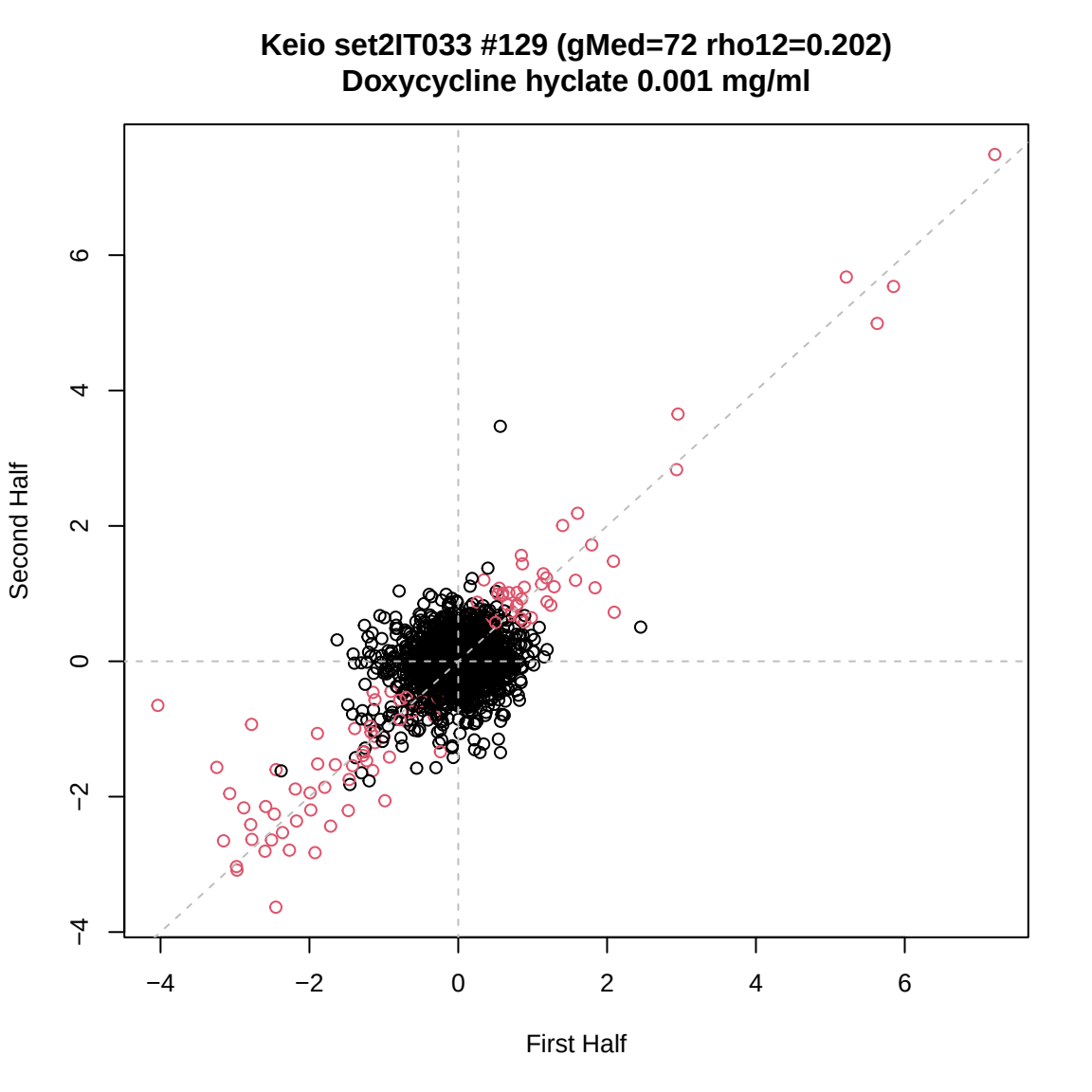

Keio set2IT028 #124 (gMed=1 rho12=0.129)
Cephalothin 0.16 mg/ml
Second Half
First Half
0
5
10
15

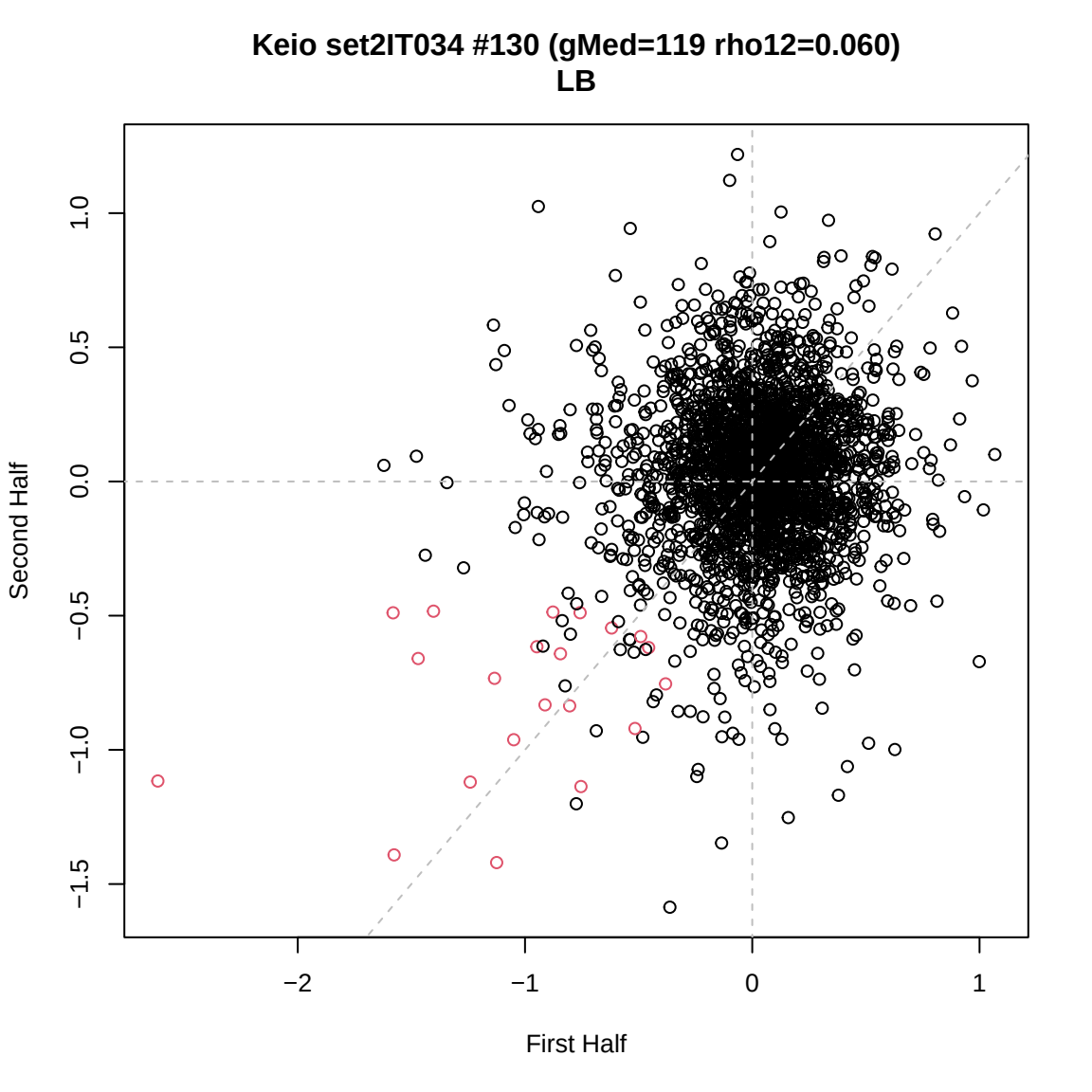

Keio set2IT029 #125 (gMed=118 rho12=0.119)
A22 0.04 mg/ml
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

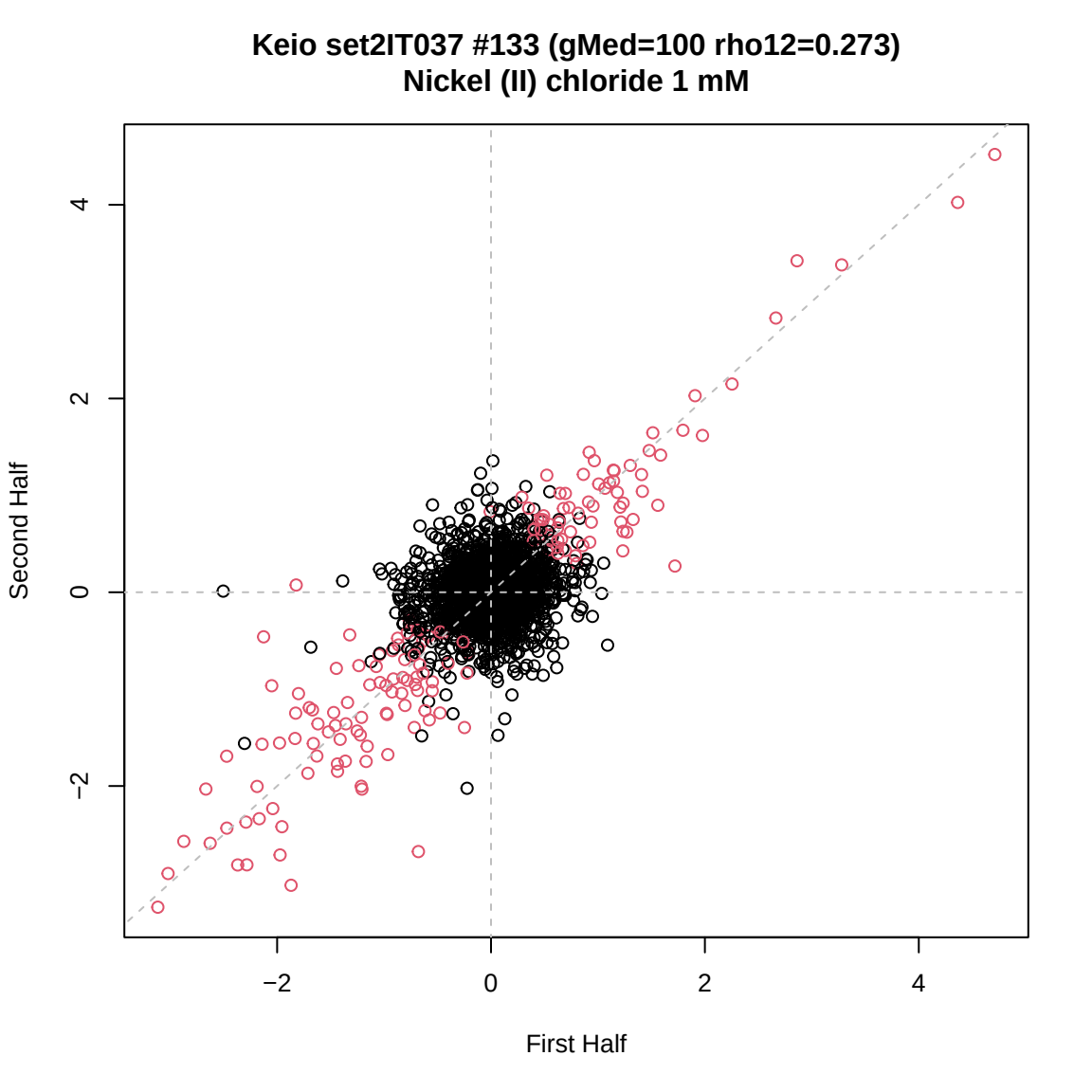

Keio set2IT030 #126 (gMed=115 rho12=0.115)
A22 0.08 mg/ml
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

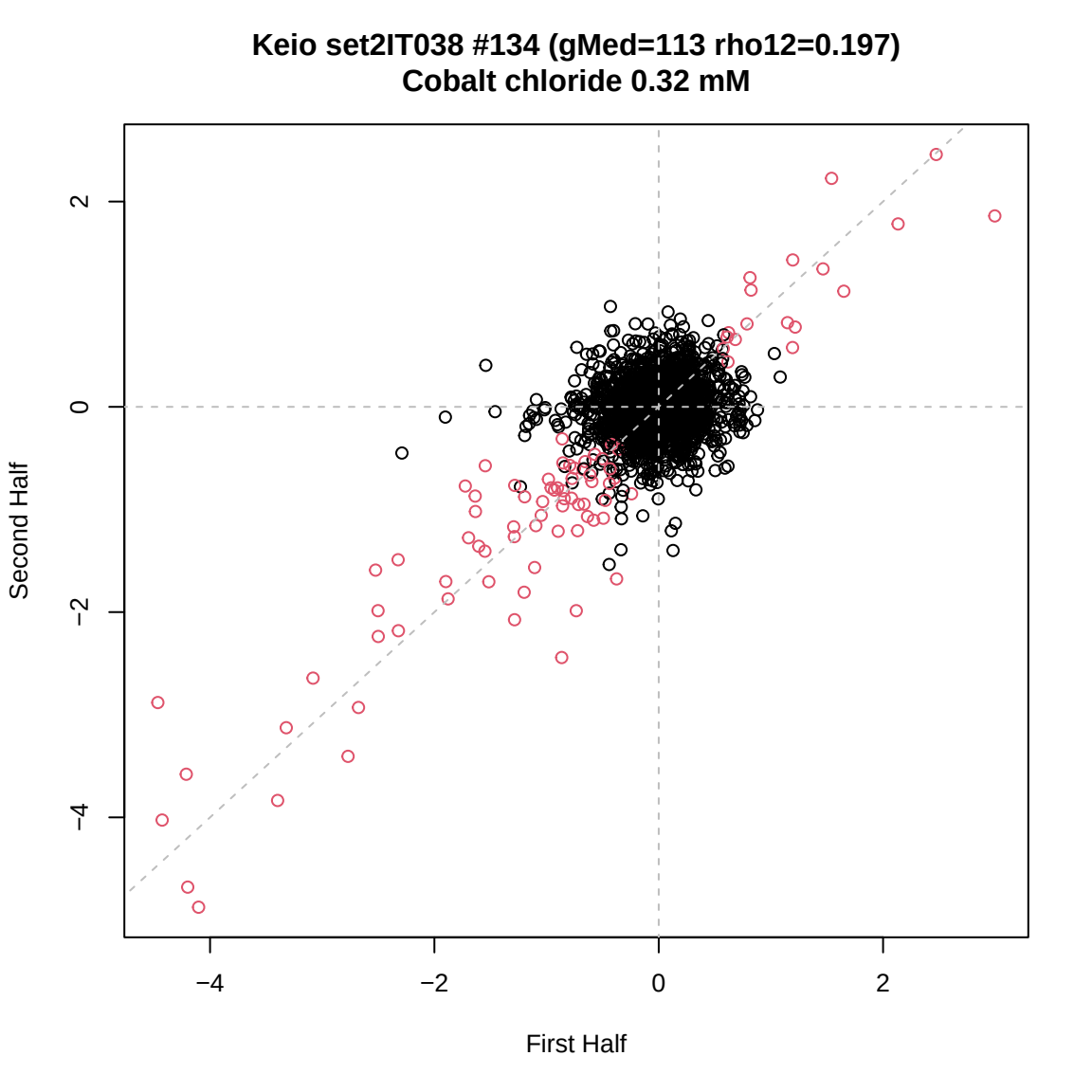

Keio set2IT031 #127 (gMed=19 rho12=0.182)
Lomefloxacin 0.0004 mM
Second Half
First Half
−2
0
2
4
6
8
10

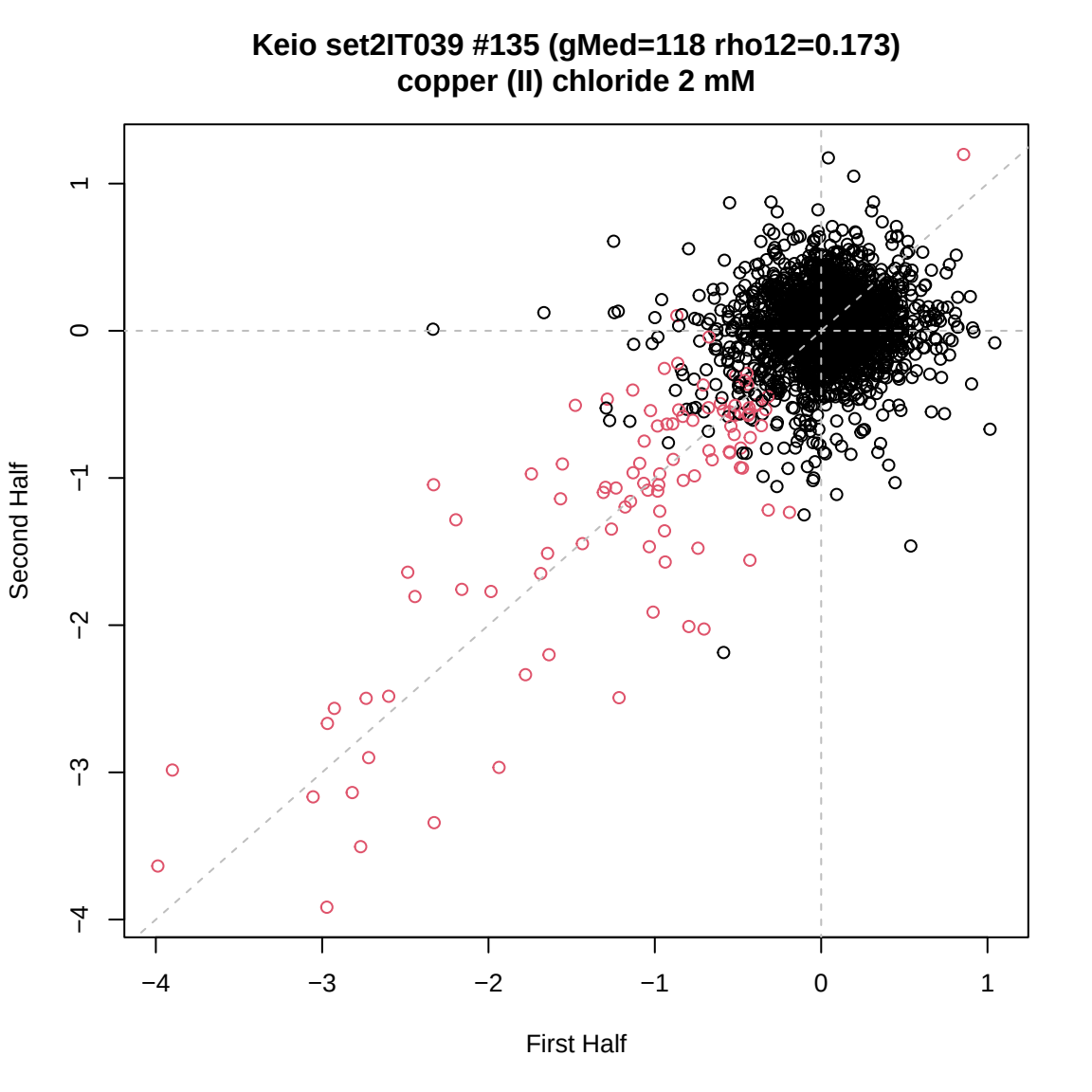

Keio set2IT032 #128 (gMed=20 rho12=0.193)
Neomycin 0.004 mg/ml
Second Half
First Half
0
5
10
0
5
10

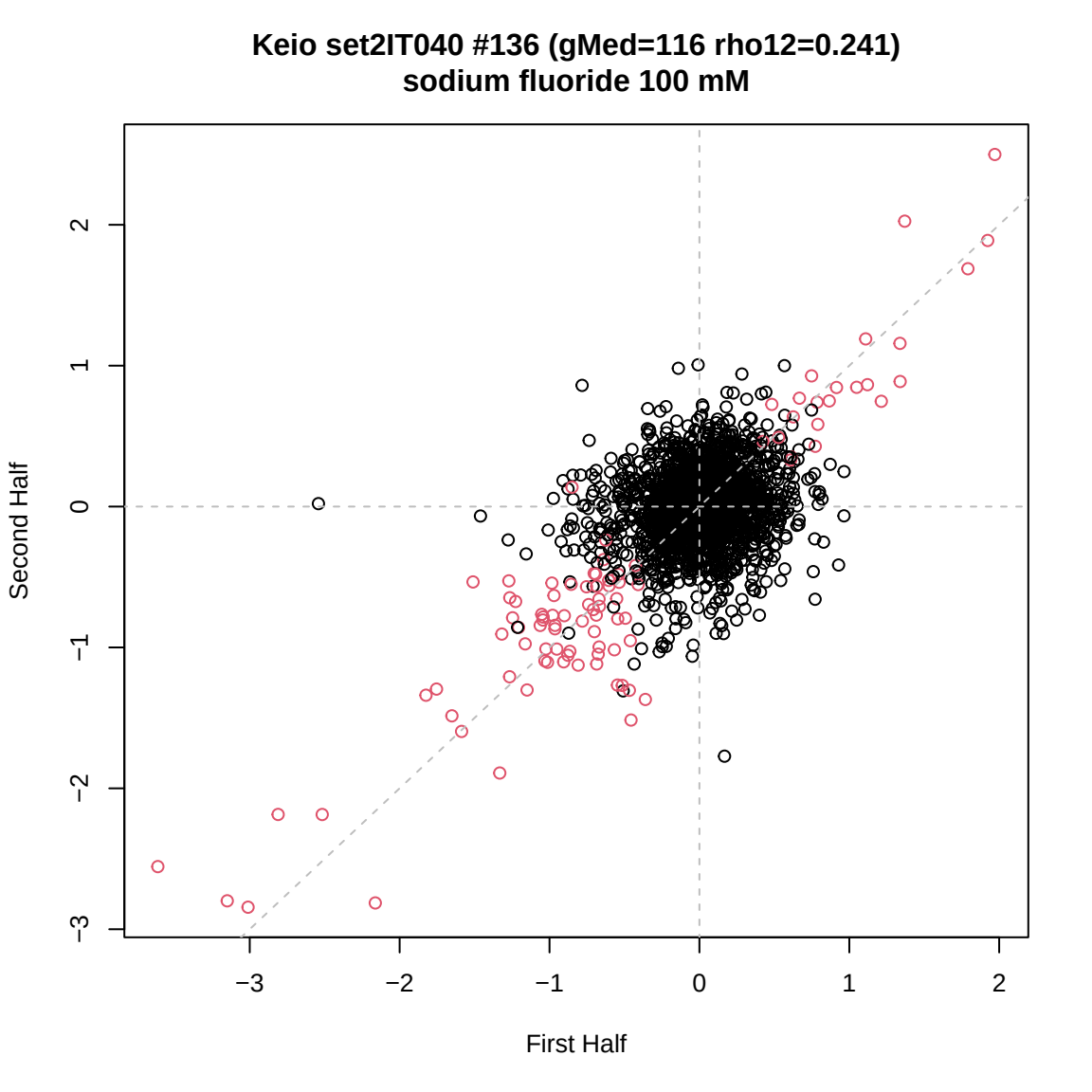

Keio set2IT033 #129 (gMed=72 rho12=0.202)
Doxycycline hyclate 0.001 mg/ml
Second Half
First Half
−4
−2
0
2
4
6

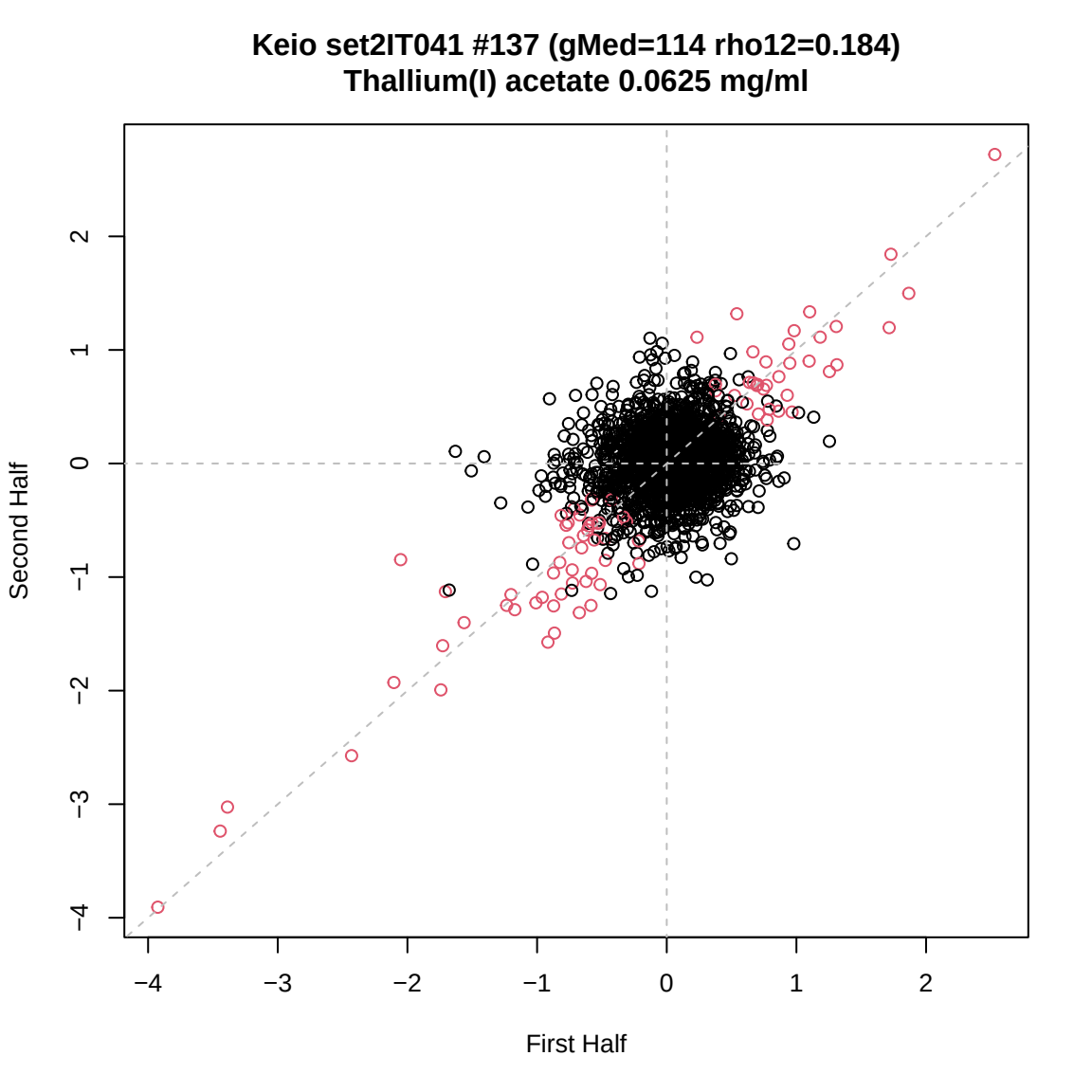

Keio set2IT034 #130 (gMed=119 rho12=0.060)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

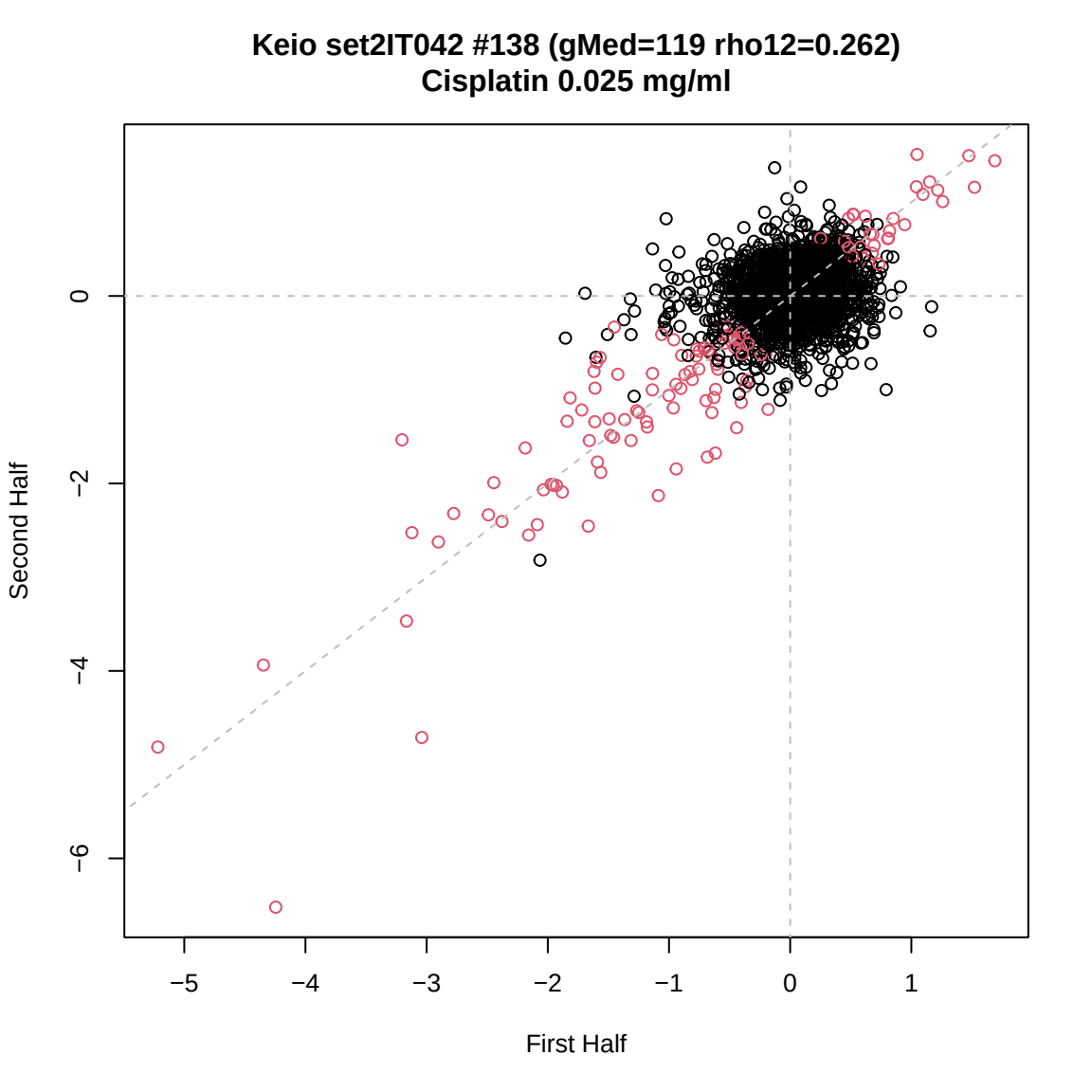

Keio set2IT037 #133 (gMed=100 rho12=0.273)
Nickel (II) chloride 1 mM
Second Half
First Half
4
2
0
−2
−2
0
2
4

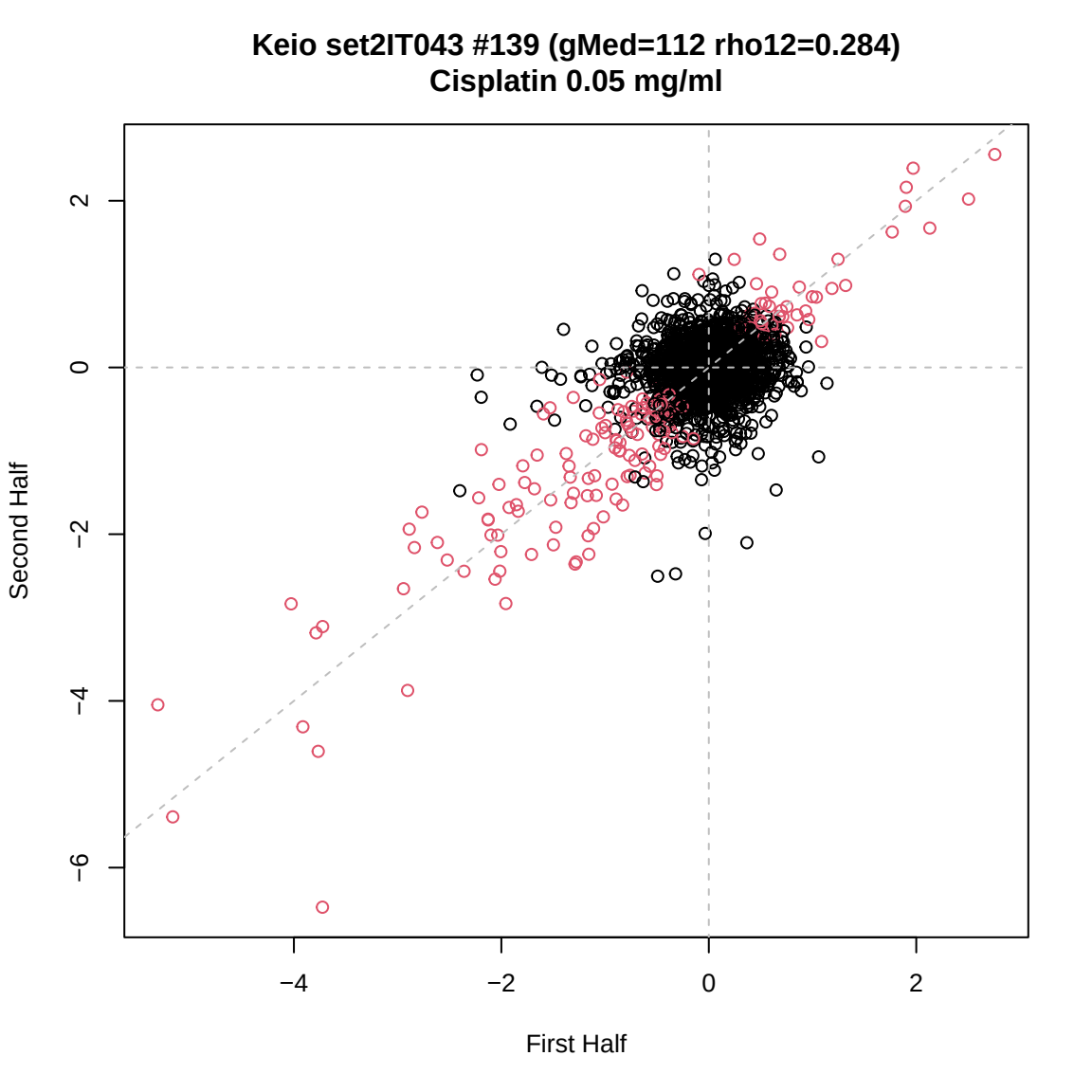

Keio set2IT038 #134 (gMed=113 rho12=0.197)
Cobalt chloride 0.32 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

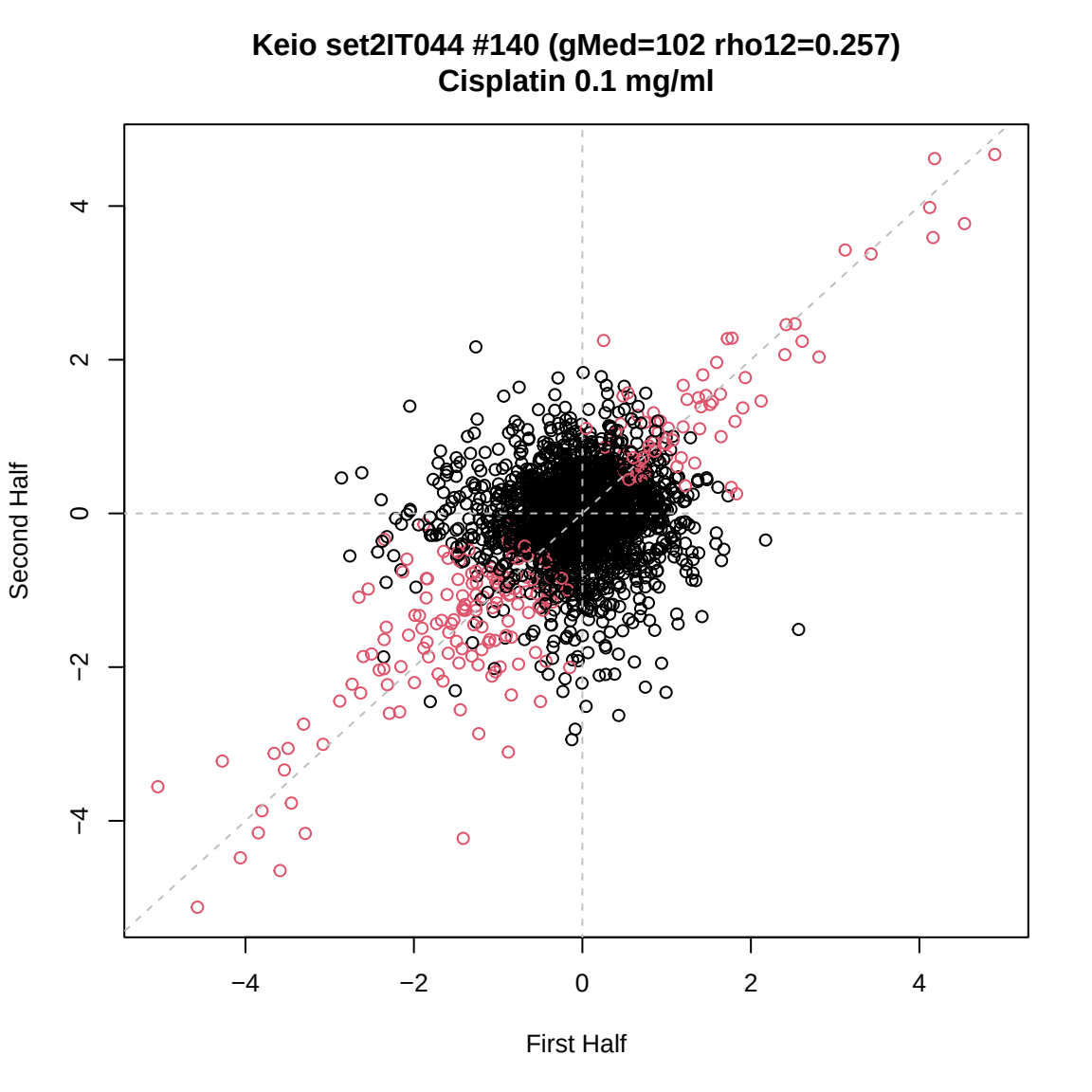

Keio set2IT039 #135 (gMed=118 rho12=0.173)
copper (II) chloride 2 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

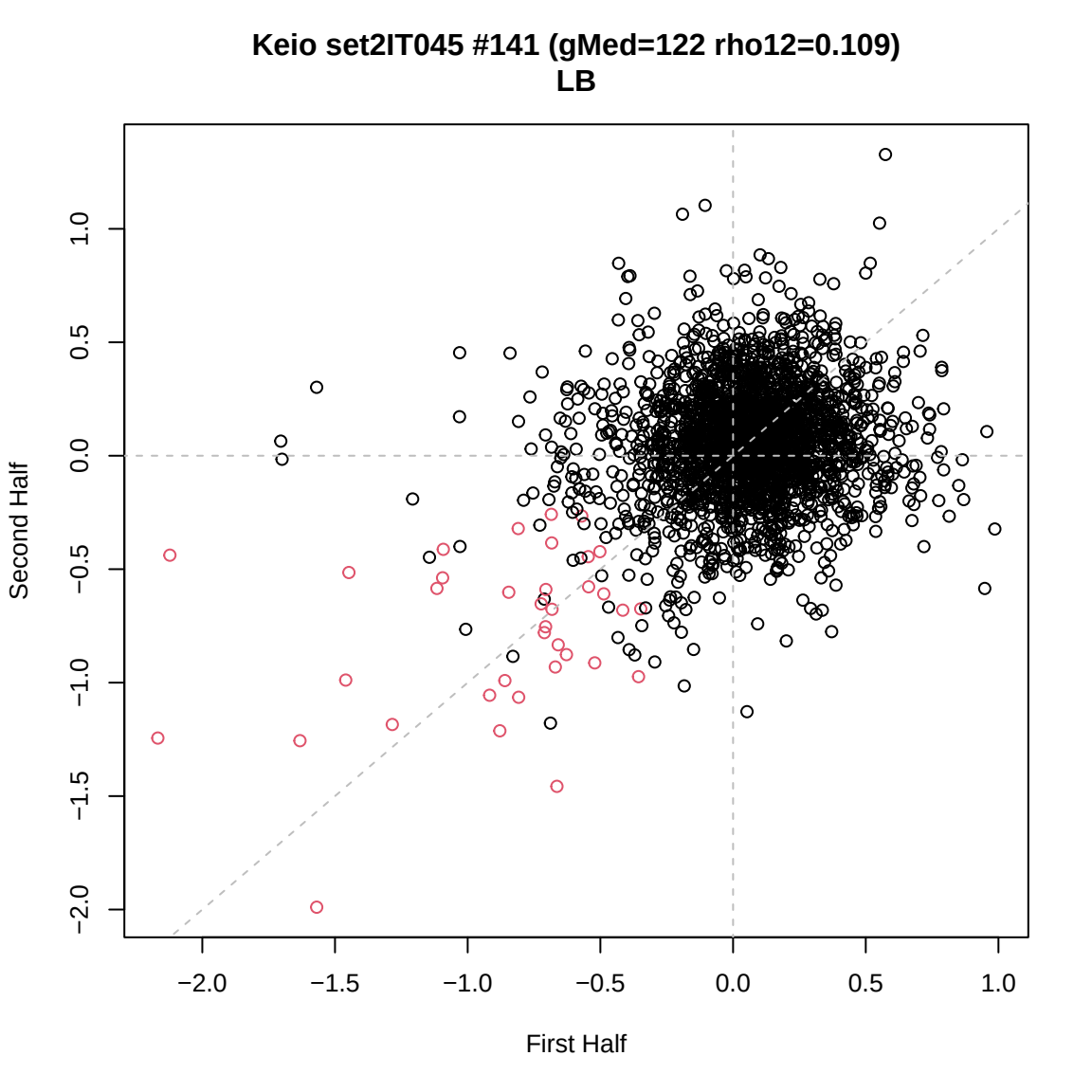

Keio set2IT040 #136 (gMed=116 rho12=0.241)
sodium fluoride 100 mM
Second Half
First Half
−3
−2
−1
0
1
2

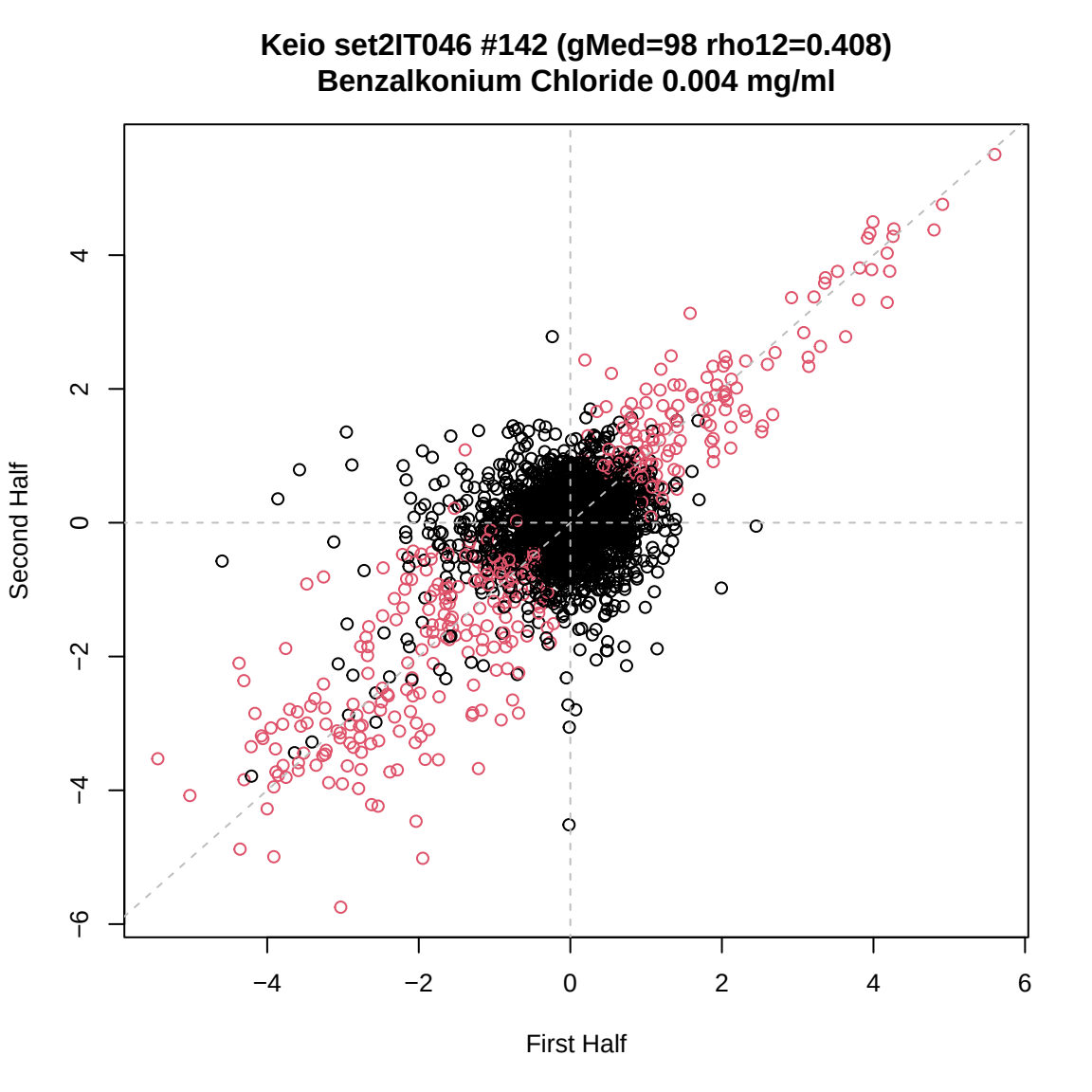

Keio set2IT041 #137 (gMed=114 rho12=0.184)
Thallium(I) acetate 0.0625 mg/ml
Second Half
First Half
−4
−3
−2
−1
0
1
2

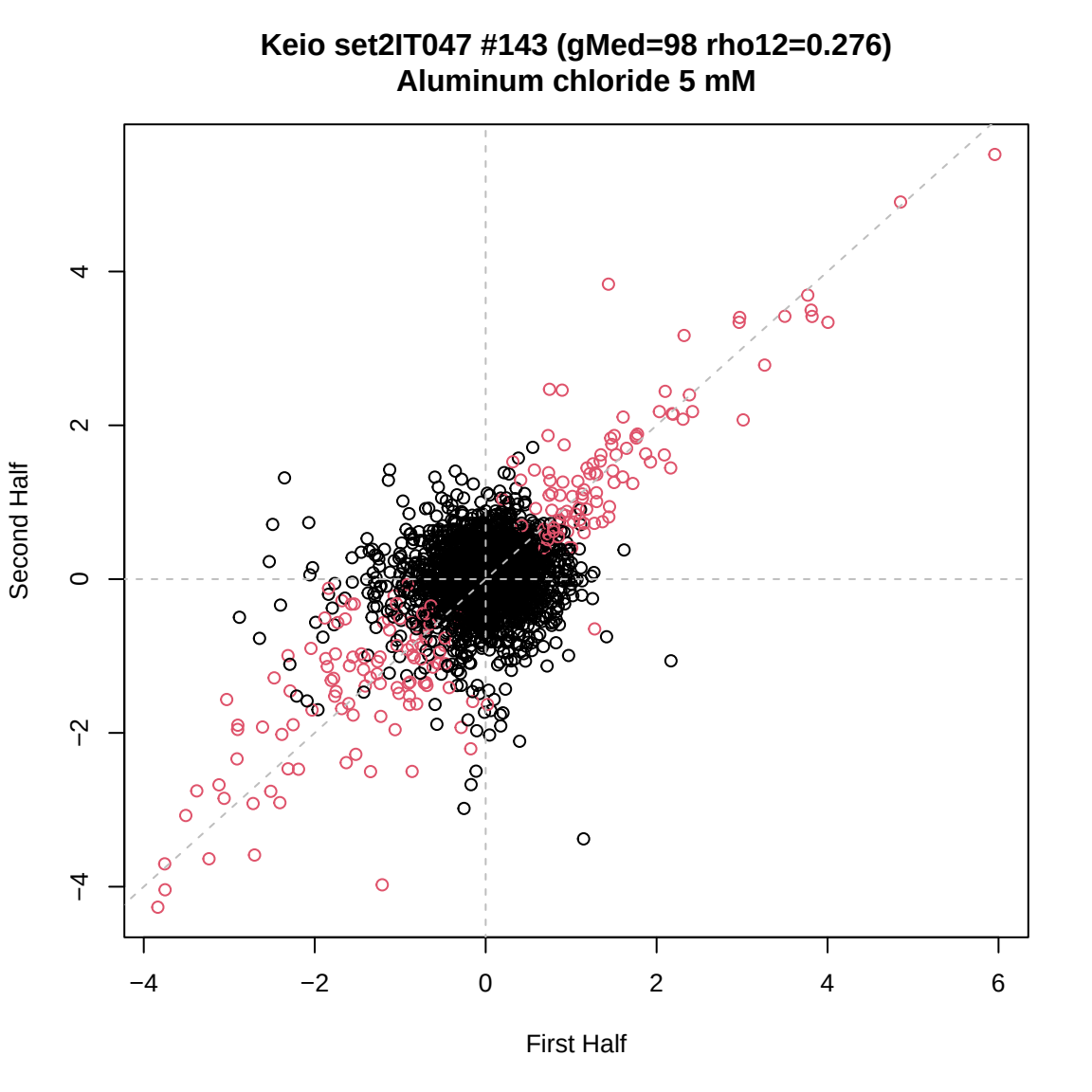

Keio set2IT042 #138 (gMed=119 rho12=0.262)
Cisplatin 0.025 mg/ml
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

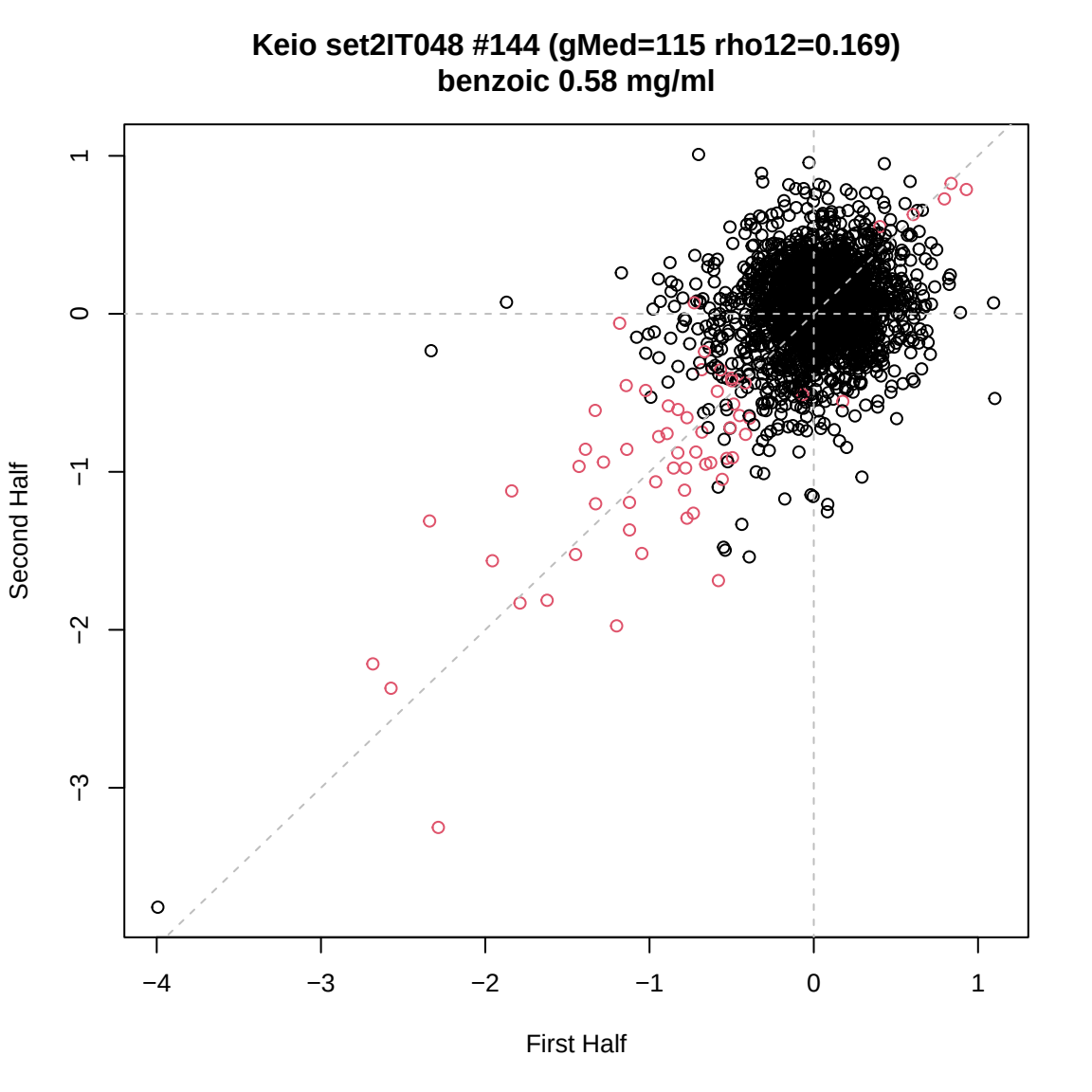

Keio set2IT043 #139 (gMed=112 rho12=0.284)
Cisplatin 0.05 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

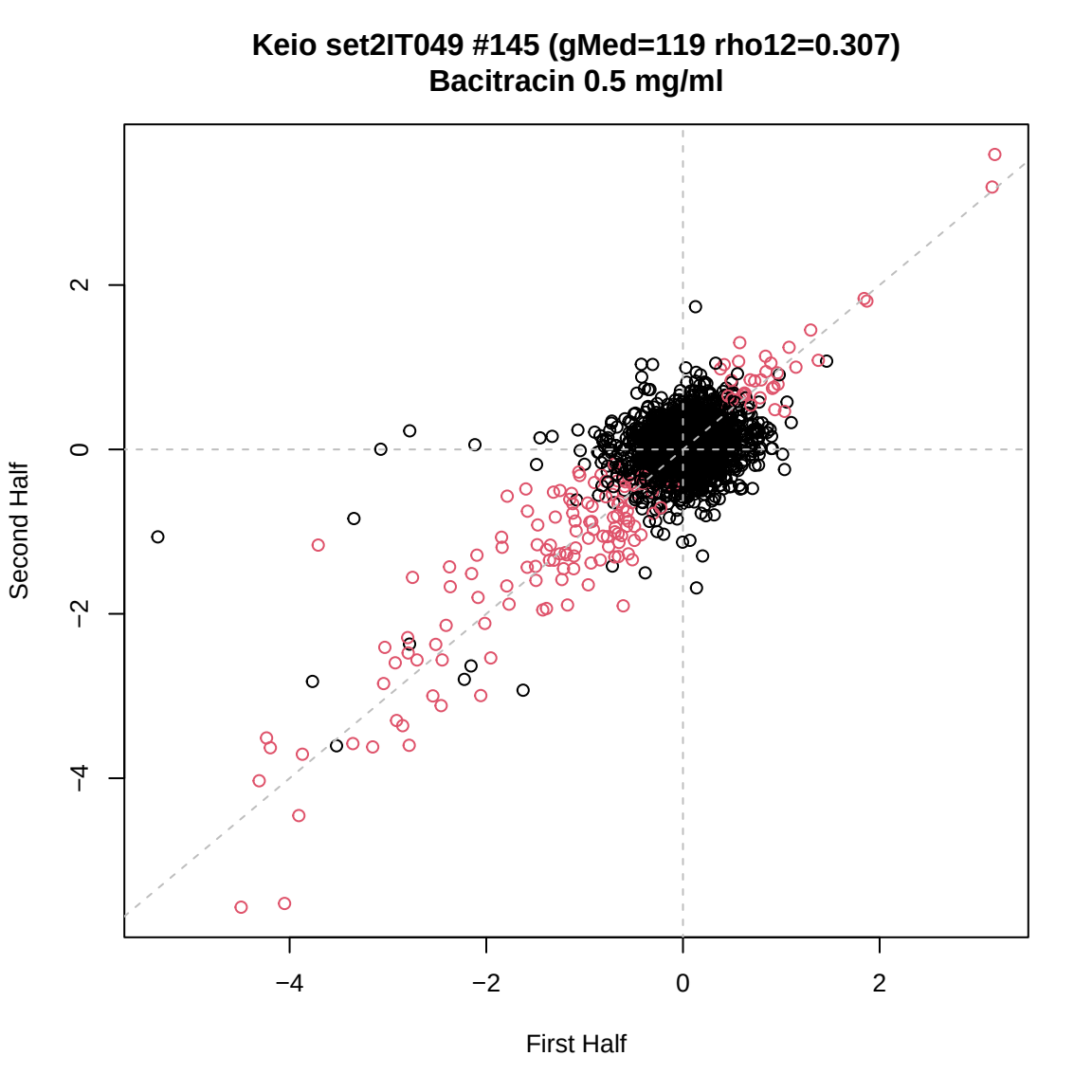

Keio set2IT044 #140 (gMed=102 rho12=0.257)
Cisplatin 0.1 mg/ml
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

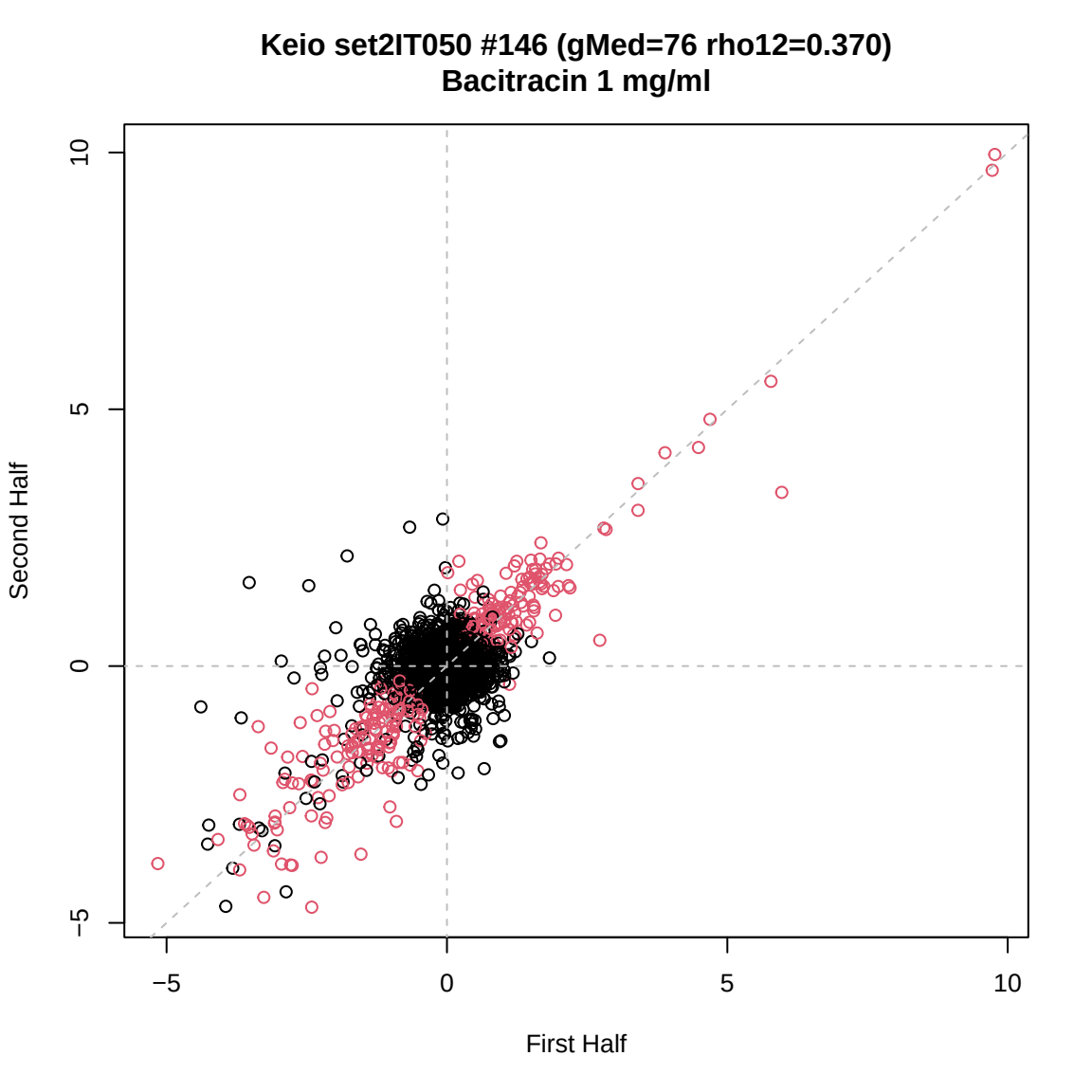

Keio set2IT045 #141 (gMed=122 rho12=0.109)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

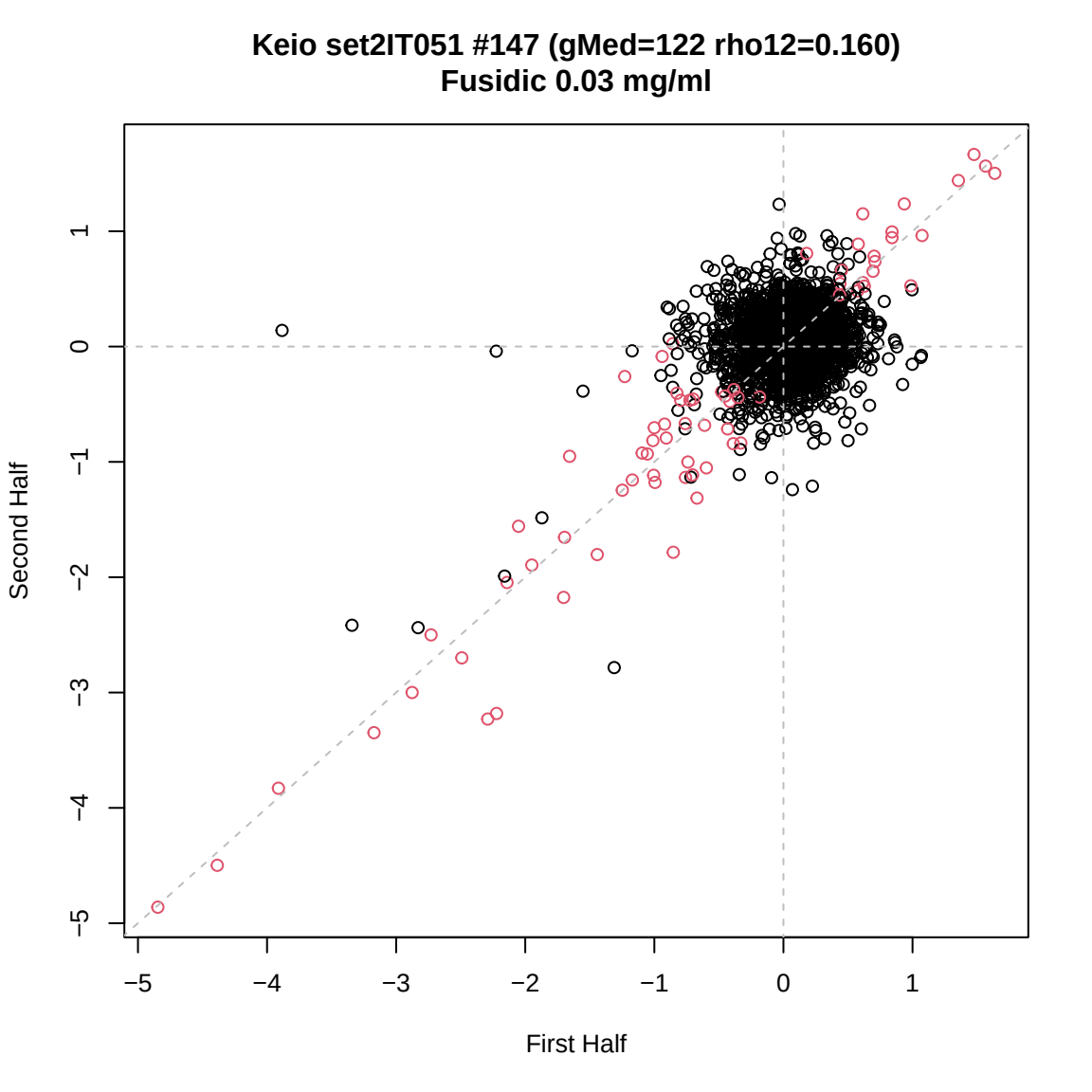

Keio set2IT046 #142 (gMed=98 rho12=0.408)
Benzalkonium Chloride 0.004 mg/ml
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

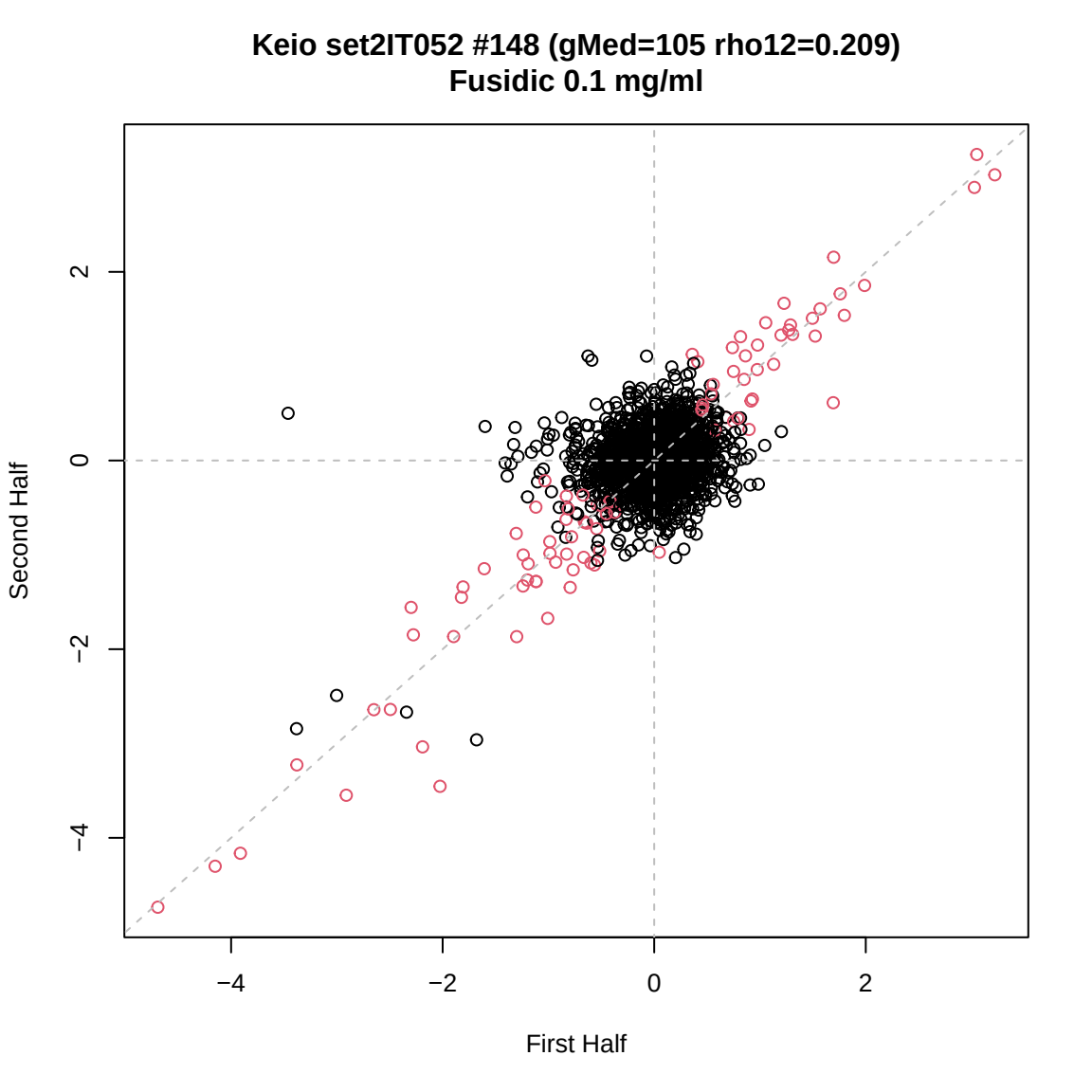

Keio set2IT047 #143 (gMed=98 rho12=0.276)
Aluminum chloride 5 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4
6

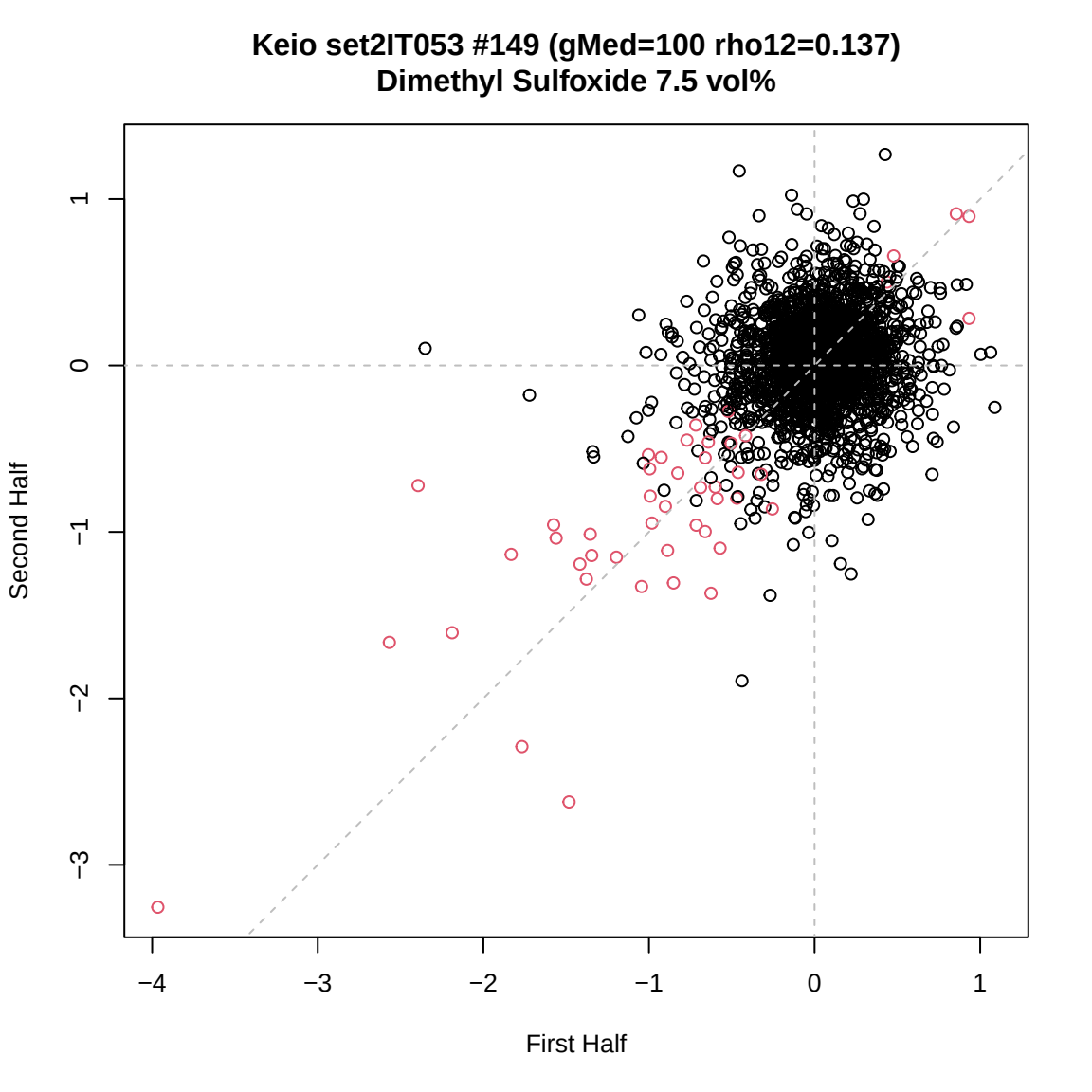

Keio set2IT048 #144 (gMed=115 rho12=0.169)
benzoic 0.58 mg/ml
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

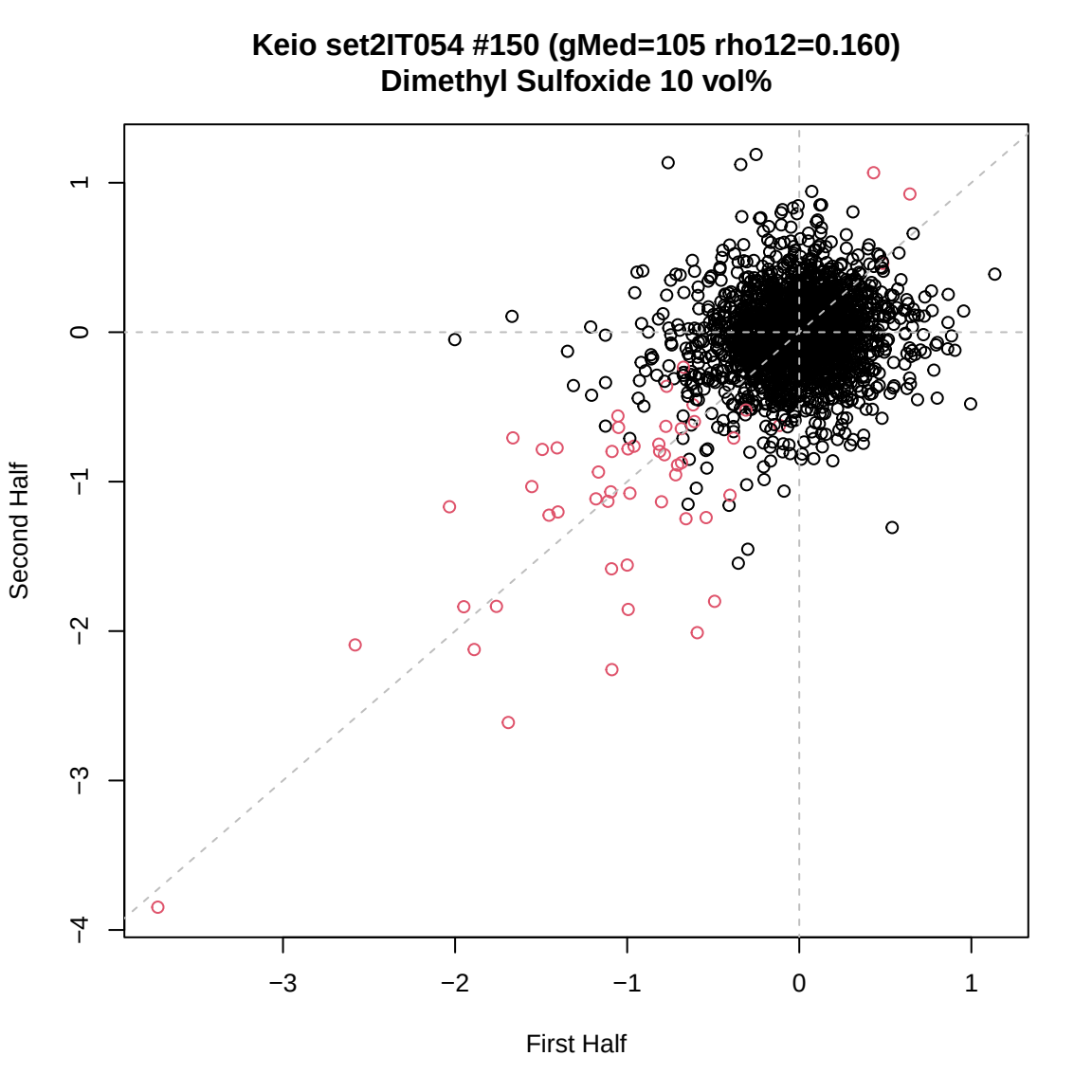

Keio set2IT049 #145 (gMed=119 rho12=0.307)
Bacitracin 0.5 mg/ml
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

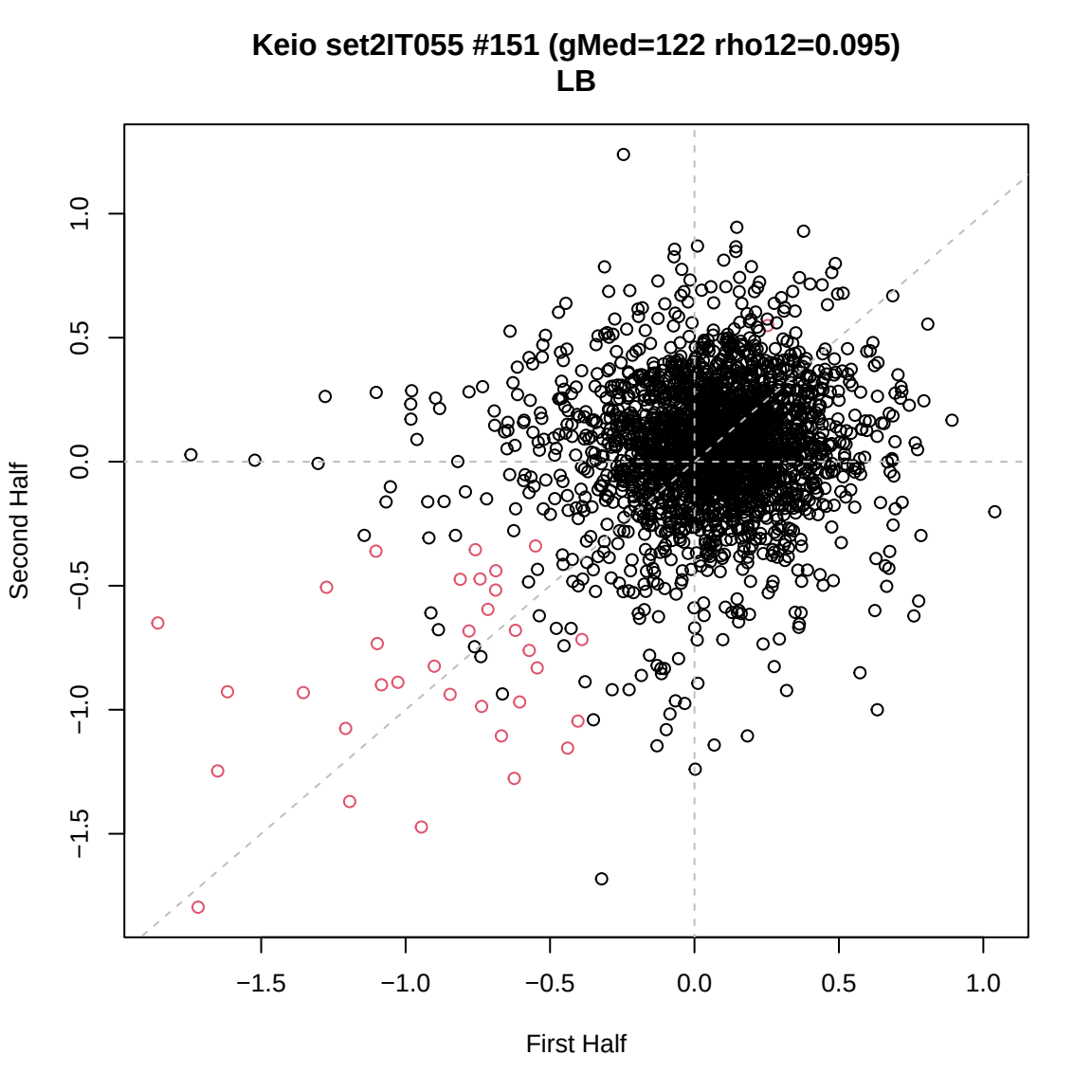

Keio set2IT050 #146 (gMed=76 rho12=0.370)
Bacitracin 1 mg/ml
Second Half
First Half
10
5
0
−5
−5
0
5
10

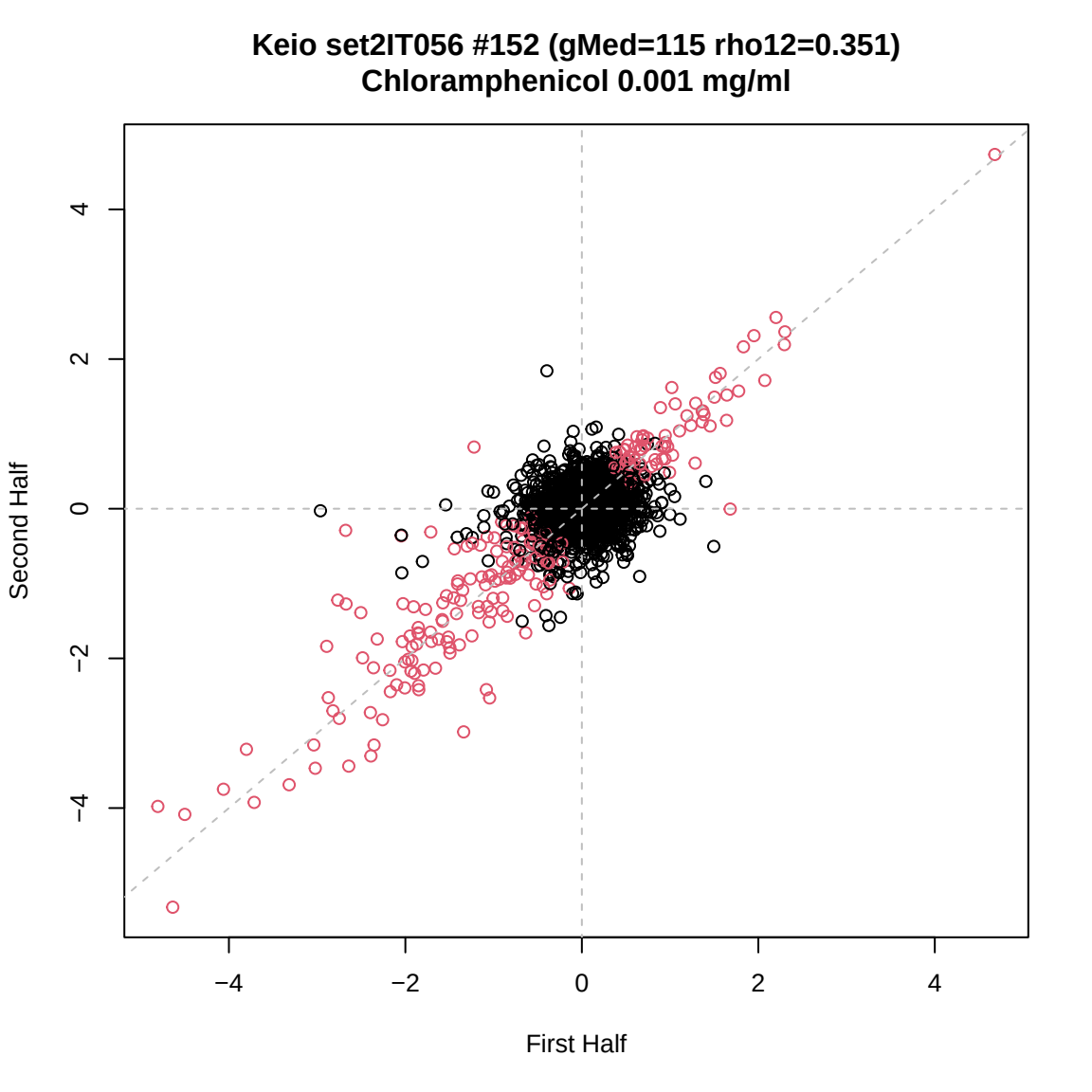

Keio set2IT051 #147 (gMed=122 rho12=0.160)
Fusidic 0.03 mg/ml
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

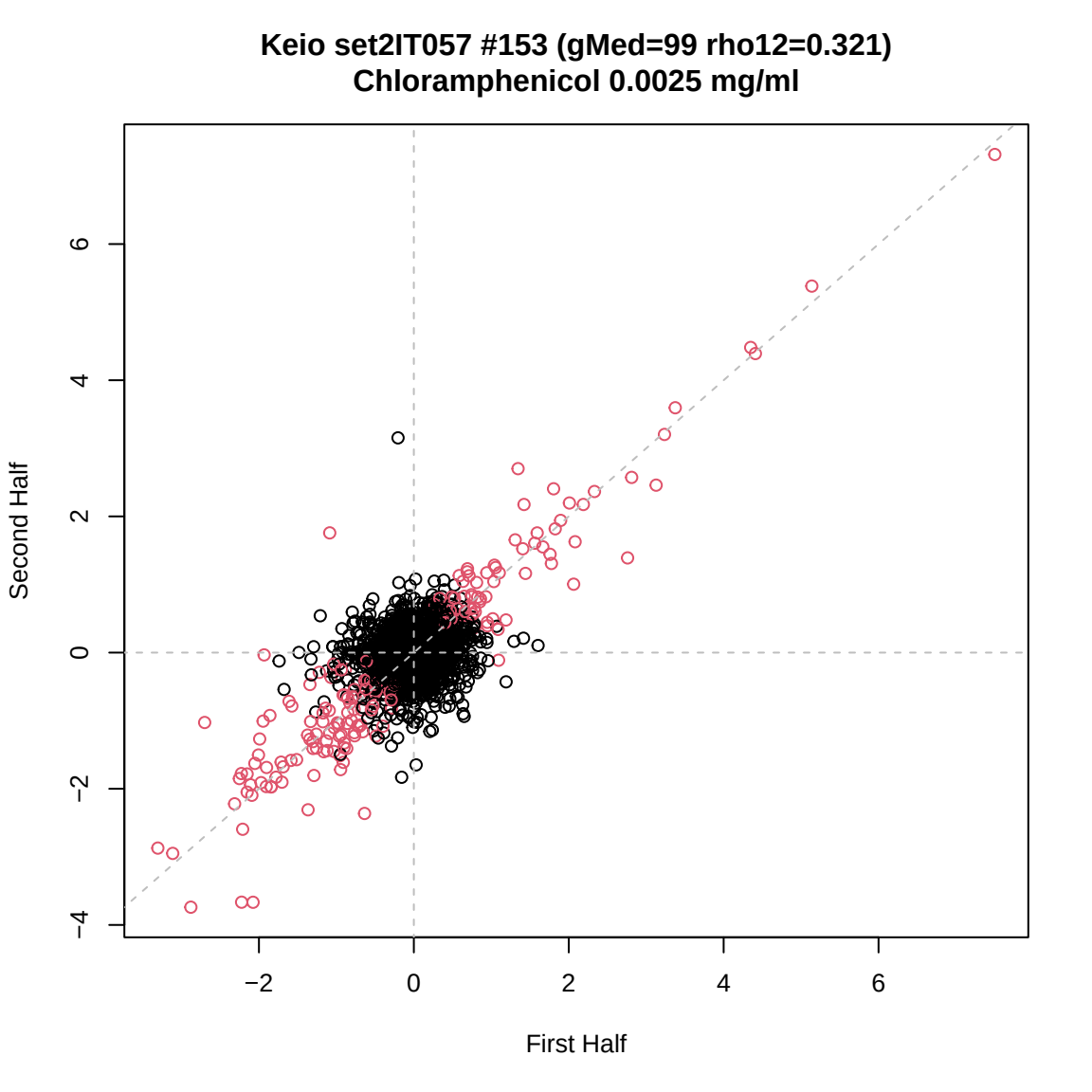

Keio set2IT052 #148 (gMed=105 rho12=0.209)
Fusidic 0.1 mg/ml
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

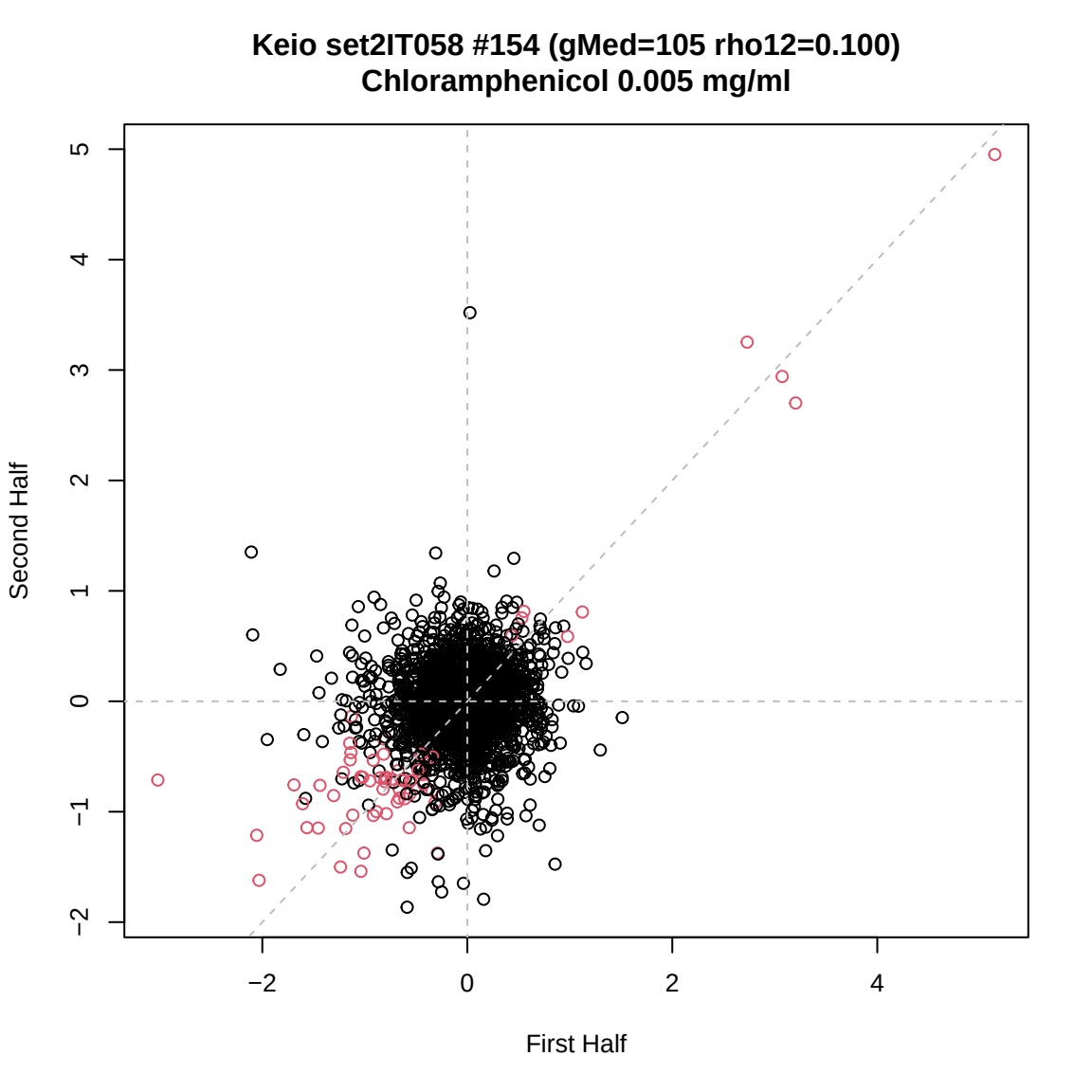

Keio set2IT053 #149 (gMed=100 rho12=0.137)
Dimethyl Sulfoxide 7.5 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

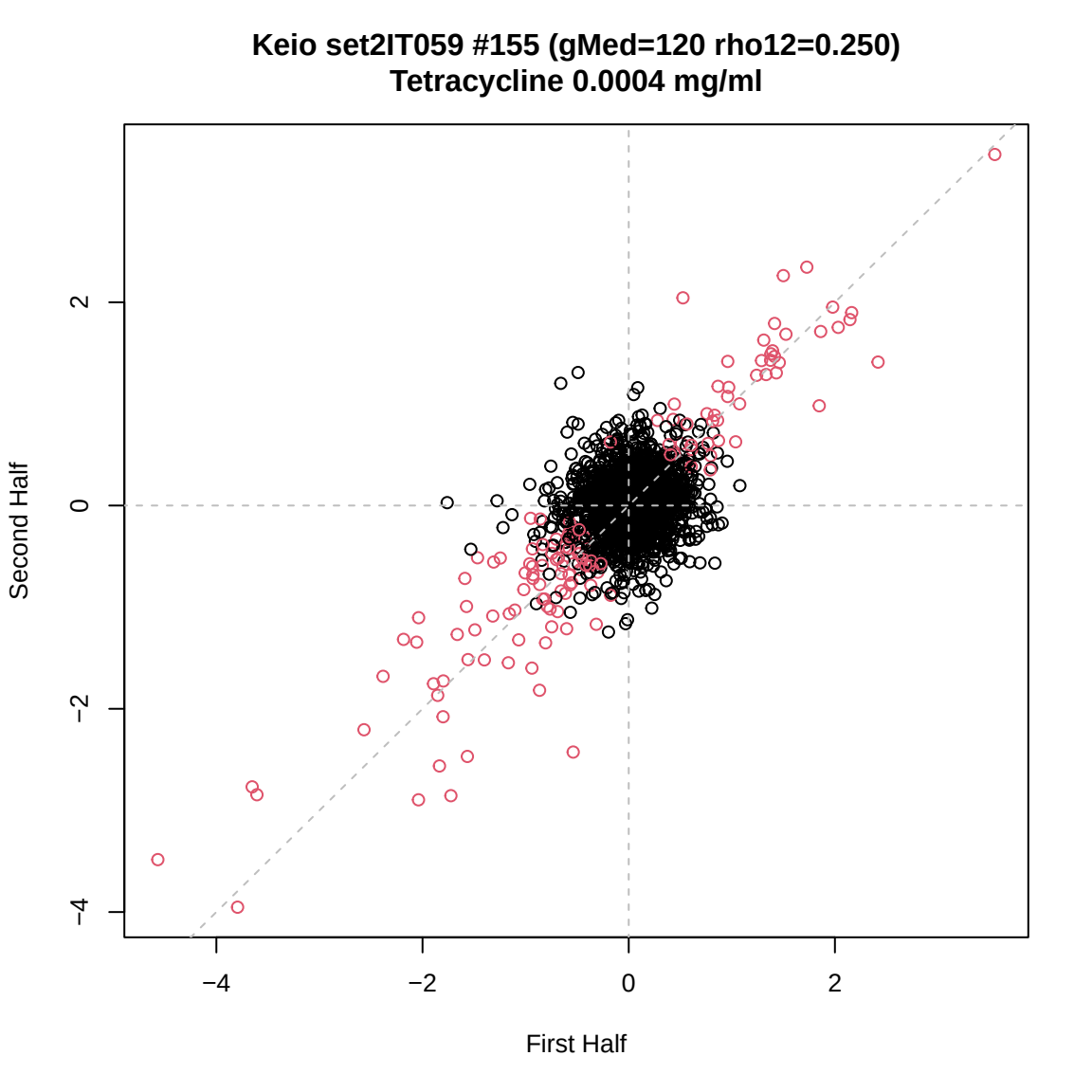

Keio set2IT054 #150 (gMed=105 rho12=0.160)
Dimethyl Sulfoxide 10 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

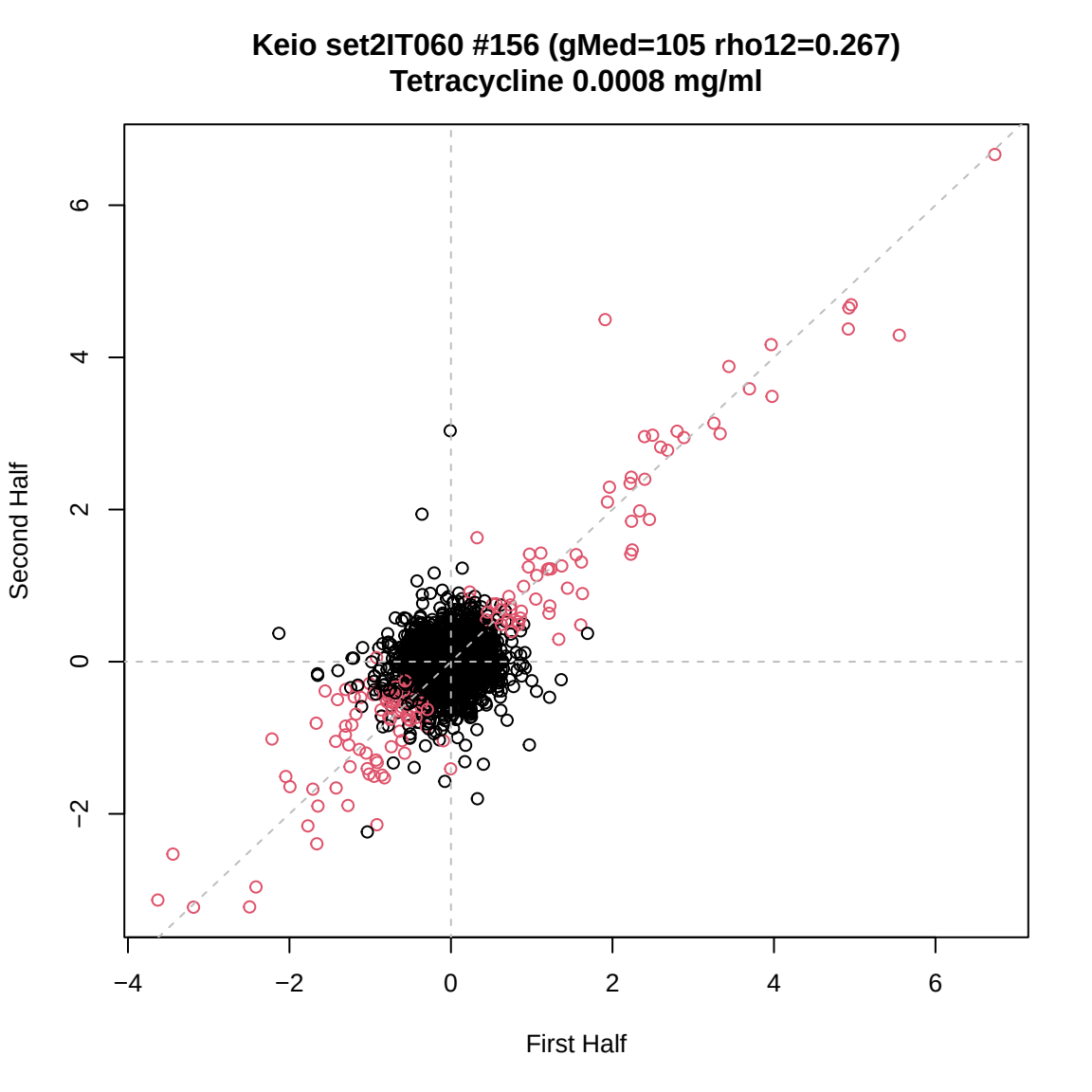

Keio set2IT055 #151 (gMed=122 rho12=0.095)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

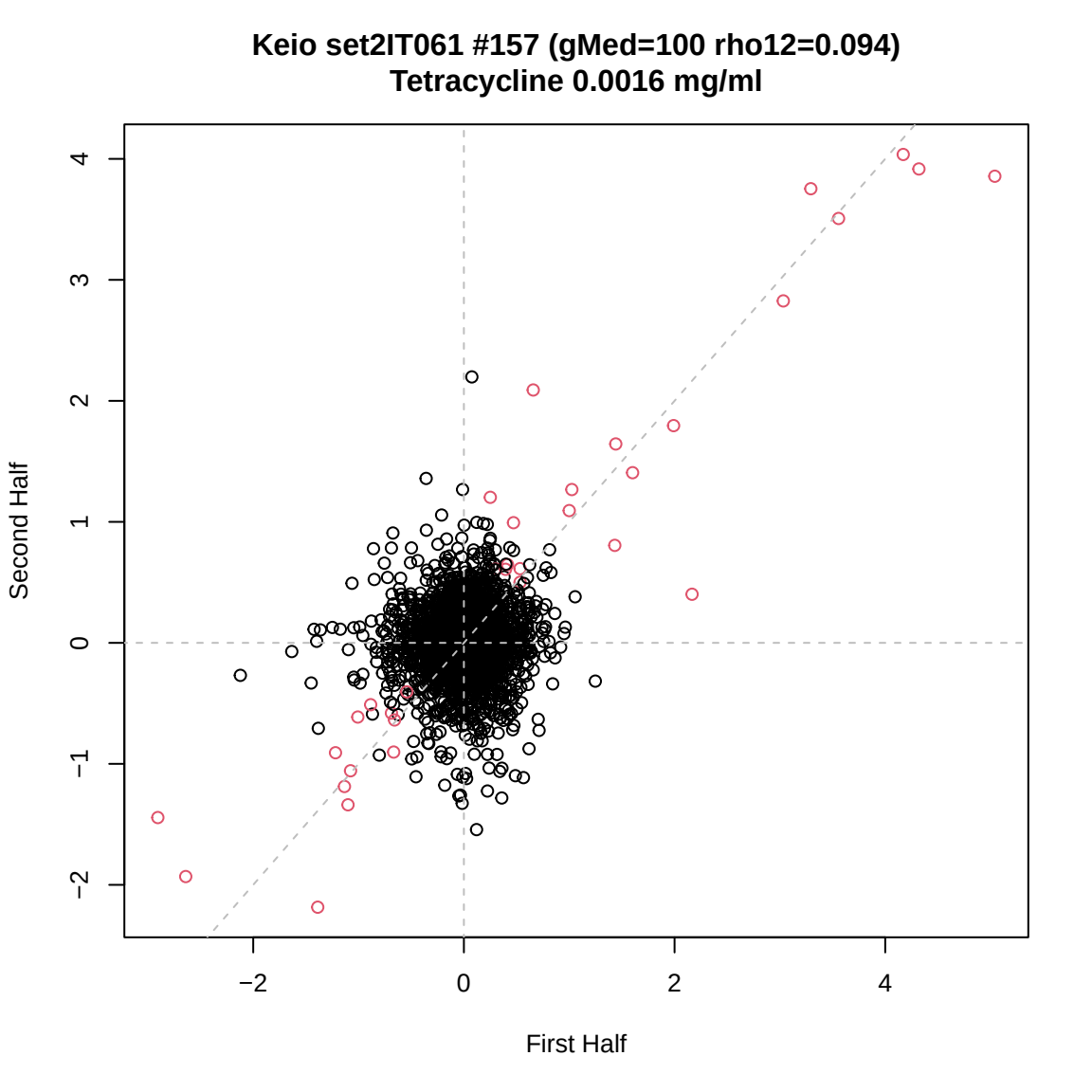

Keio set2IT056 #152 (gMed=115 rho12=0.351)
Chloramphenicol 0.001 mg/ml
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

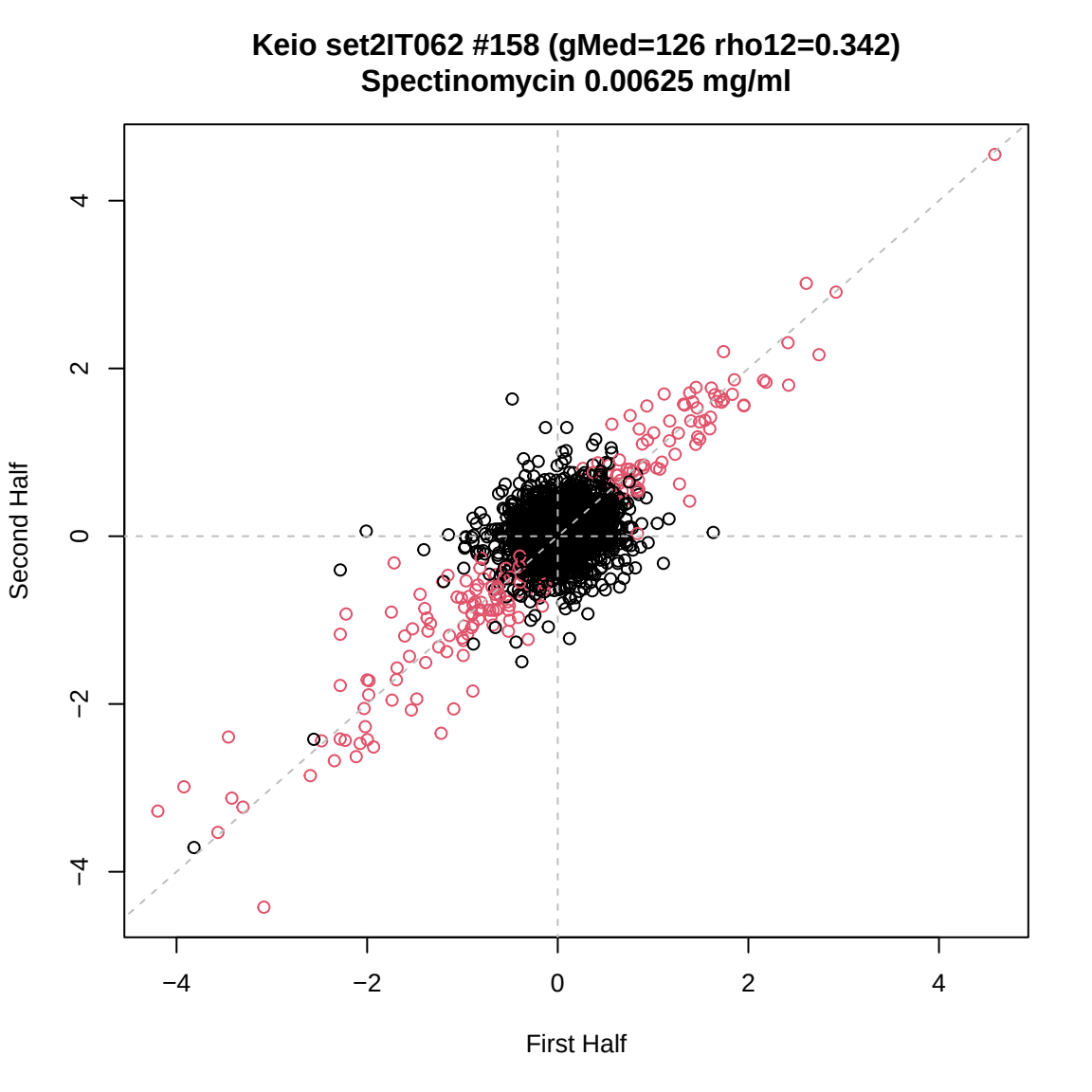

Keio set2IT057 #153 (gMed=99 rho12=0.321)
Chloramphenicol 0.0025 mg/ml
Second Half
First Half
−4
−2
0
2
4
6
−2
0
2
4
6

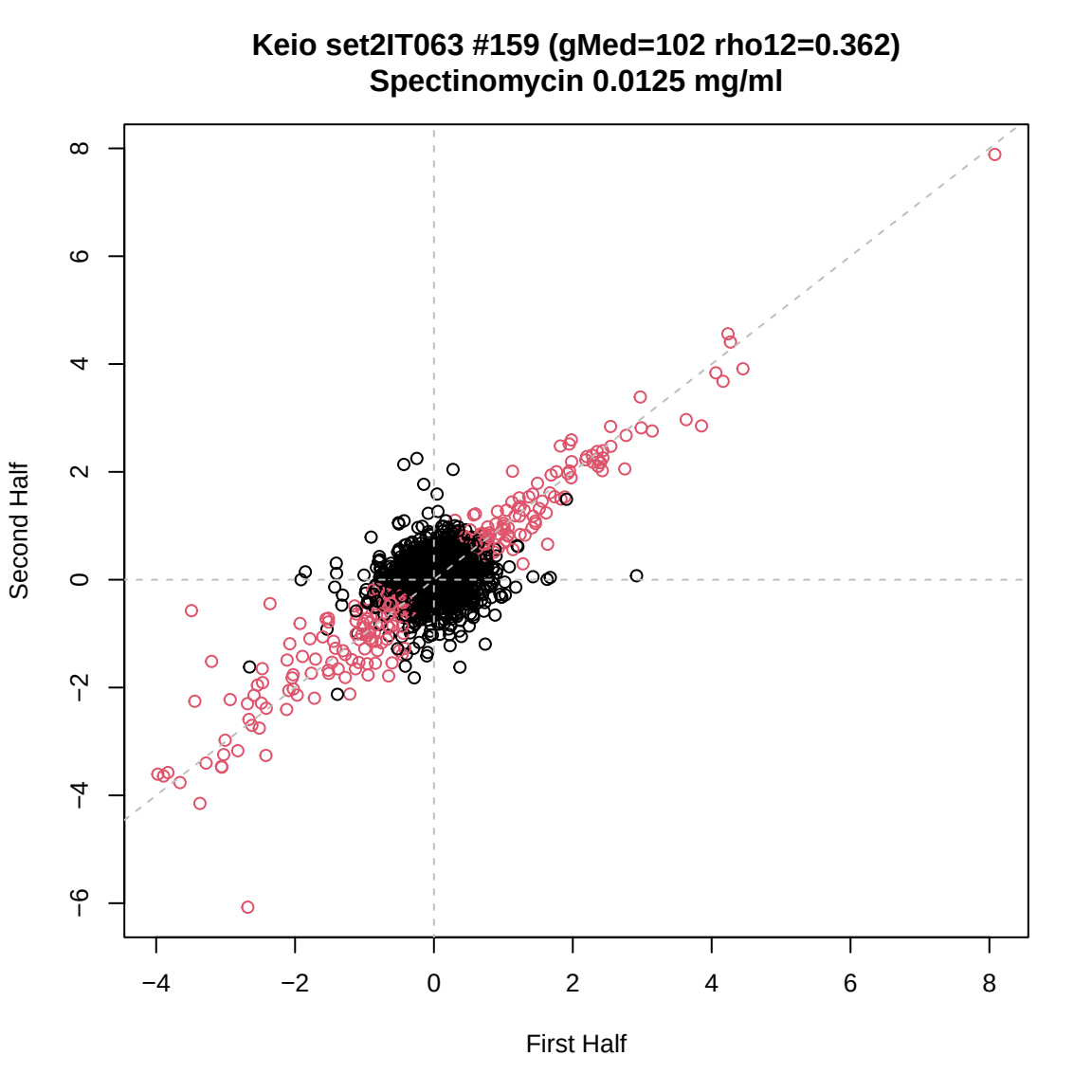

Keio set2IT058 #154 (gMed=105 rho12=0.100)
Chloramphenicol 0.005 mg/ml
Second Half
First Half
5
4
3
2
1
0
−1
−2
−2
0
2
4

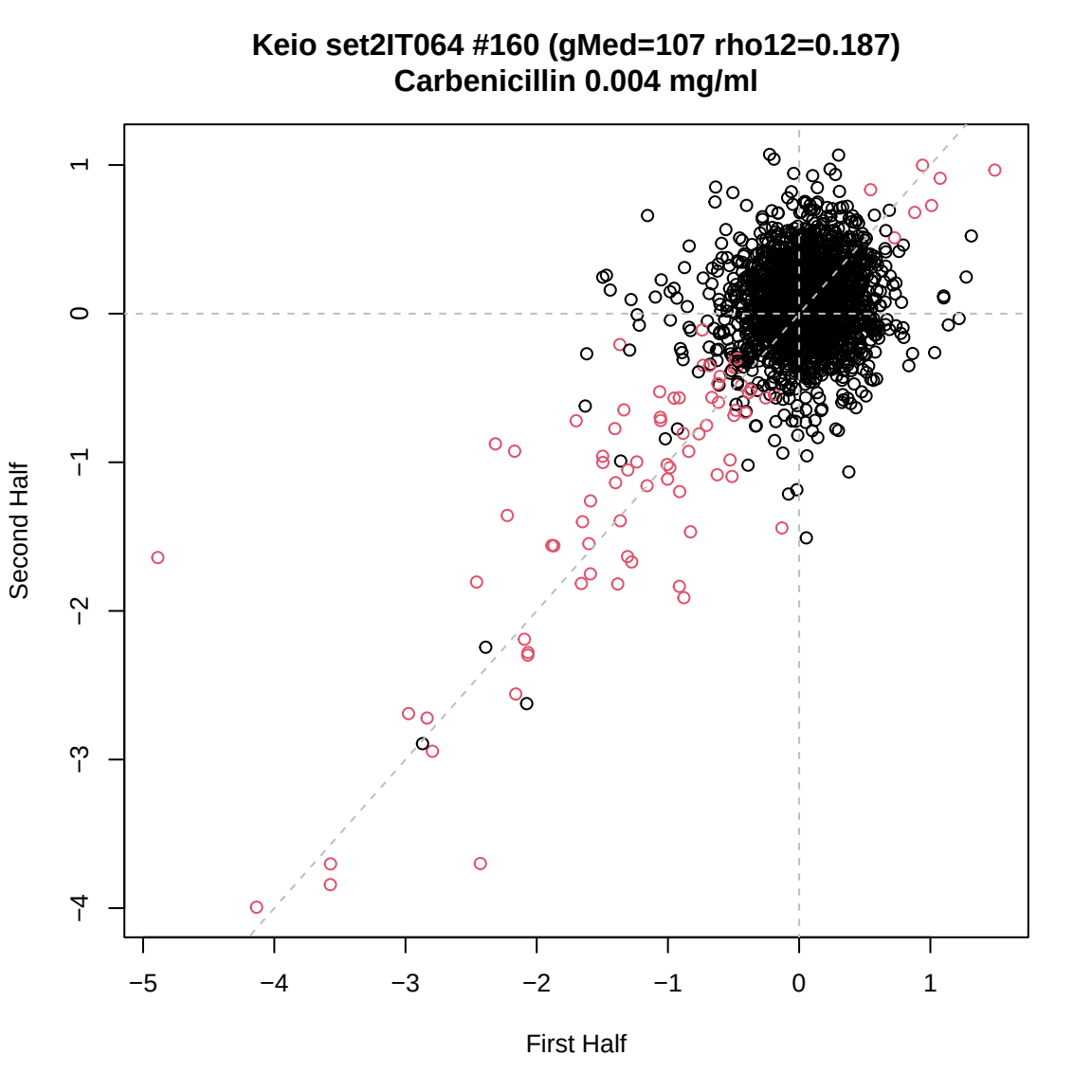

Keio set2IT059 #155 (gMed=120 rho12=0.250)
Tetracycline 0.0004 mg/ml
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

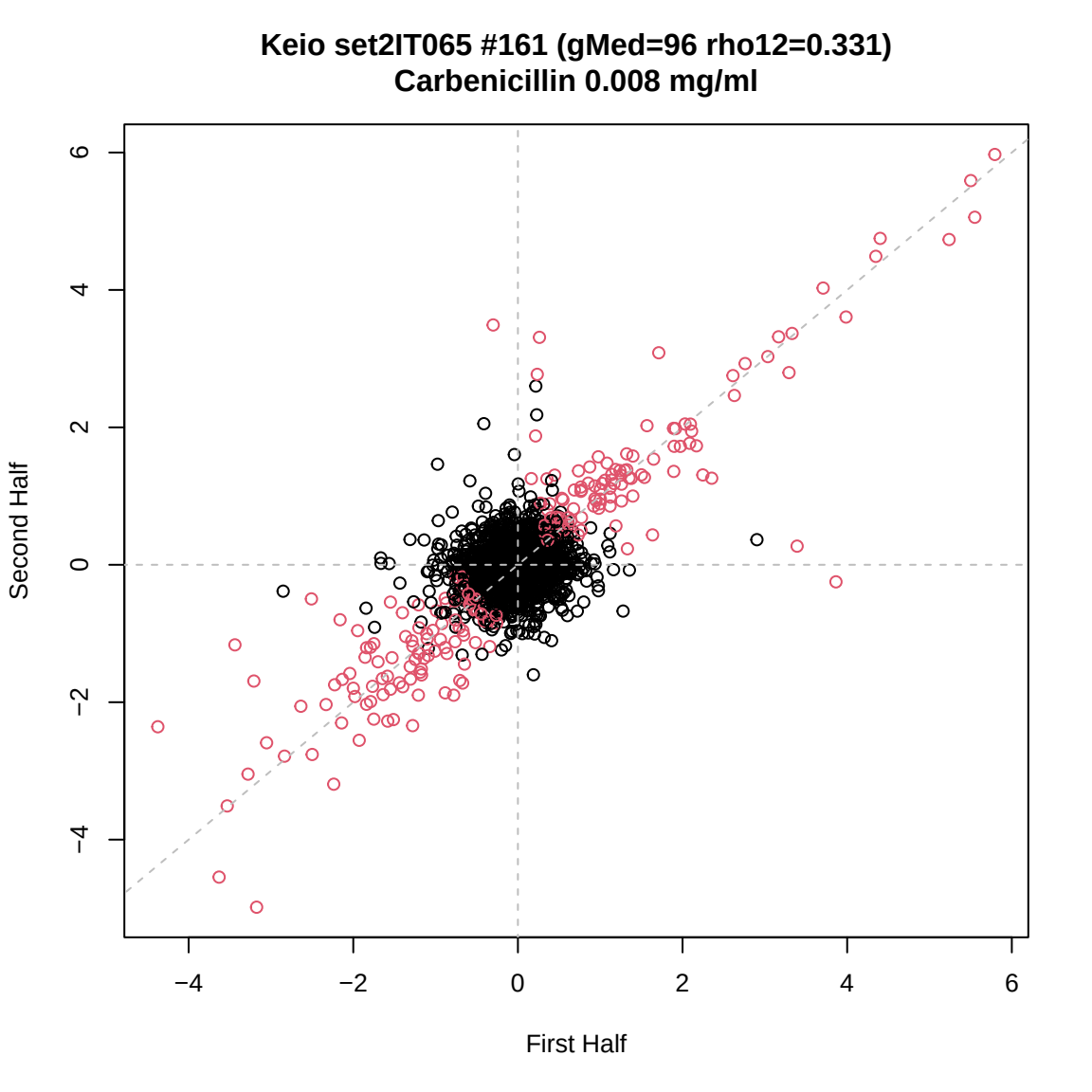

Keio set2IT060 #156 (gMed=105 rho12=0.267)
Tetracycline 0.0008 mg/ml
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

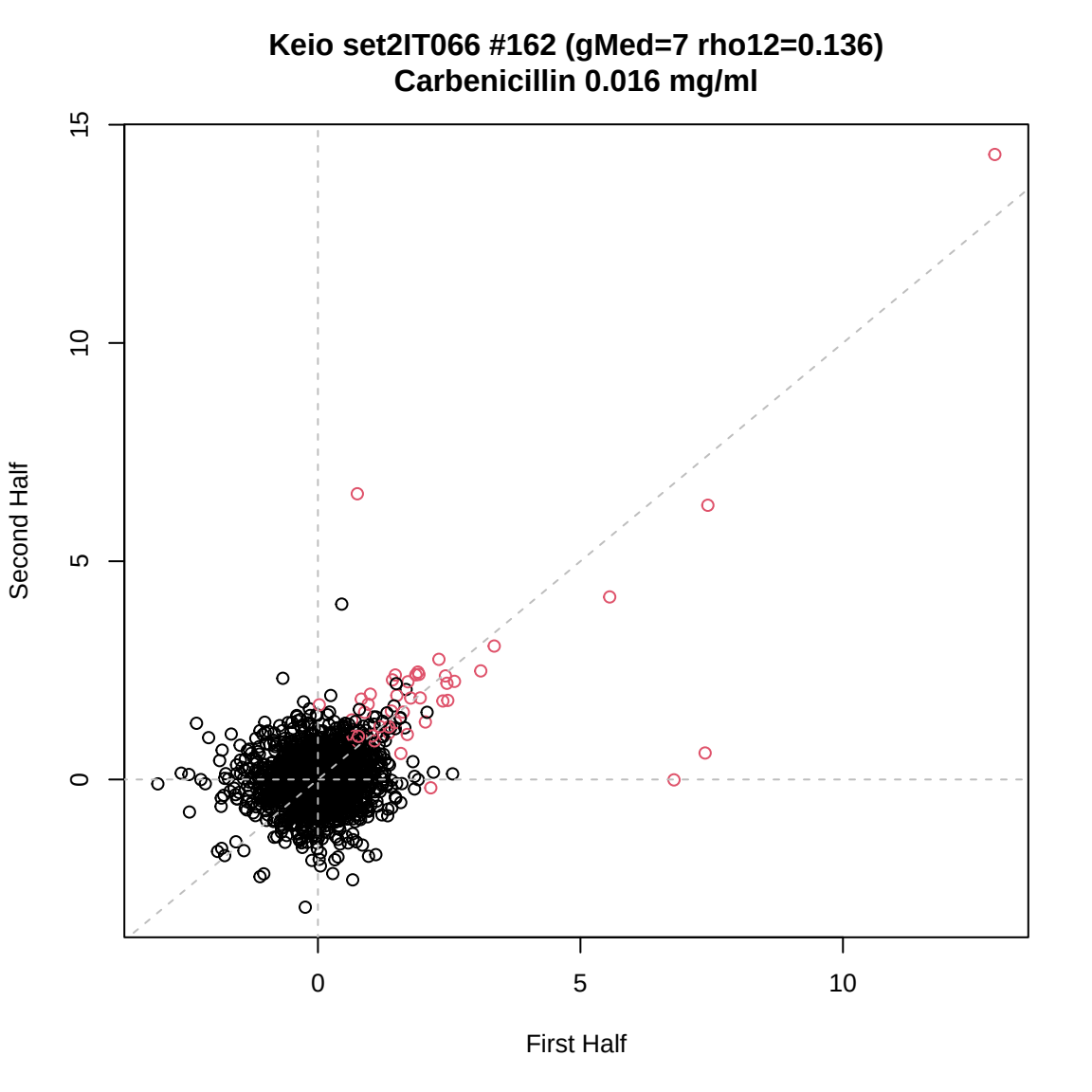

Keio set2IT061 #157 (gMed=100 rho12=0.094)
Tetracycline 0.0016 mg/ml
Second Half
First Half
4
3
2
1
0
−1
−2
−2
0
2
4

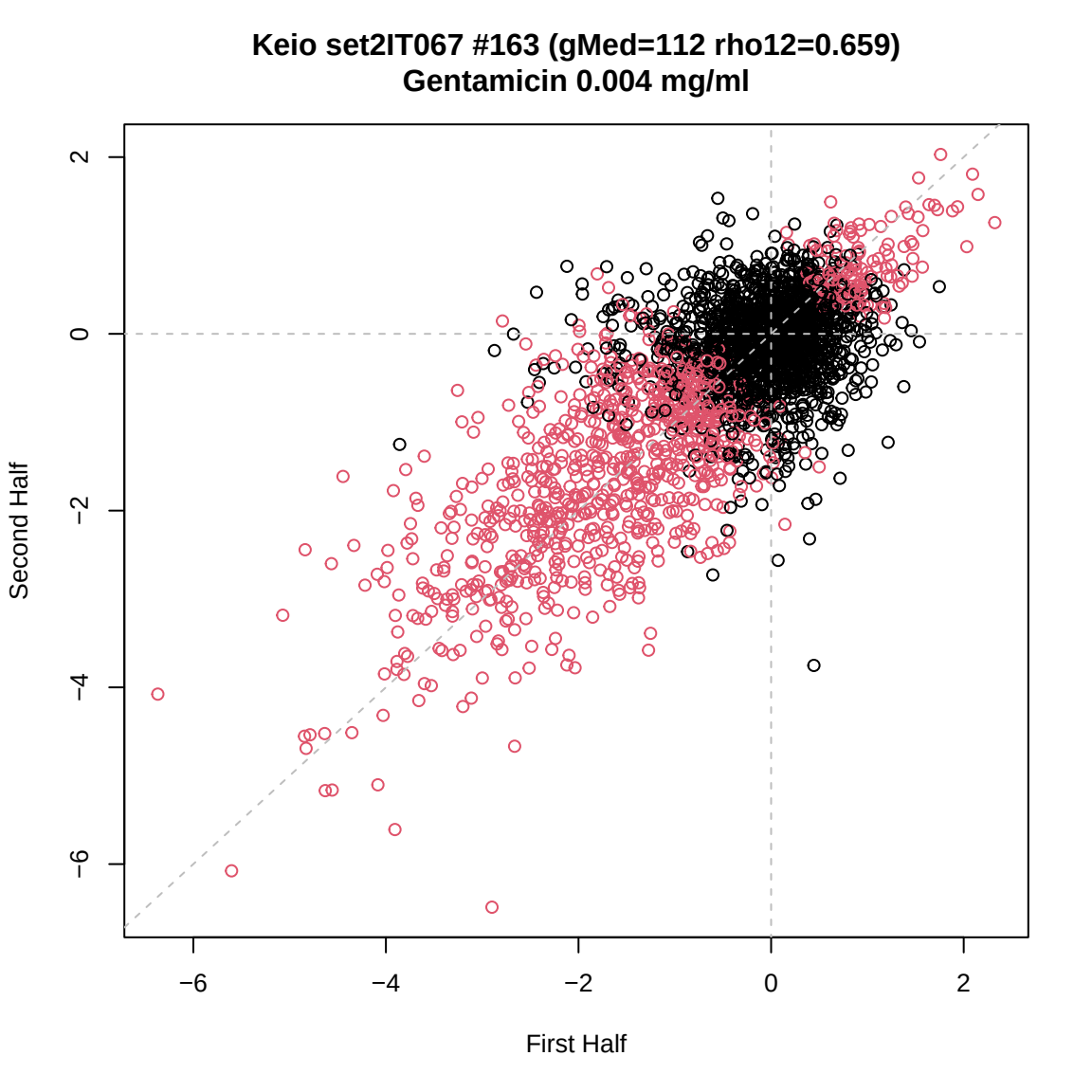

Keio set2IT062 #158 (gMed=126 rho12=0.342)
Spectinomycin 0.00625 mg/ml
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

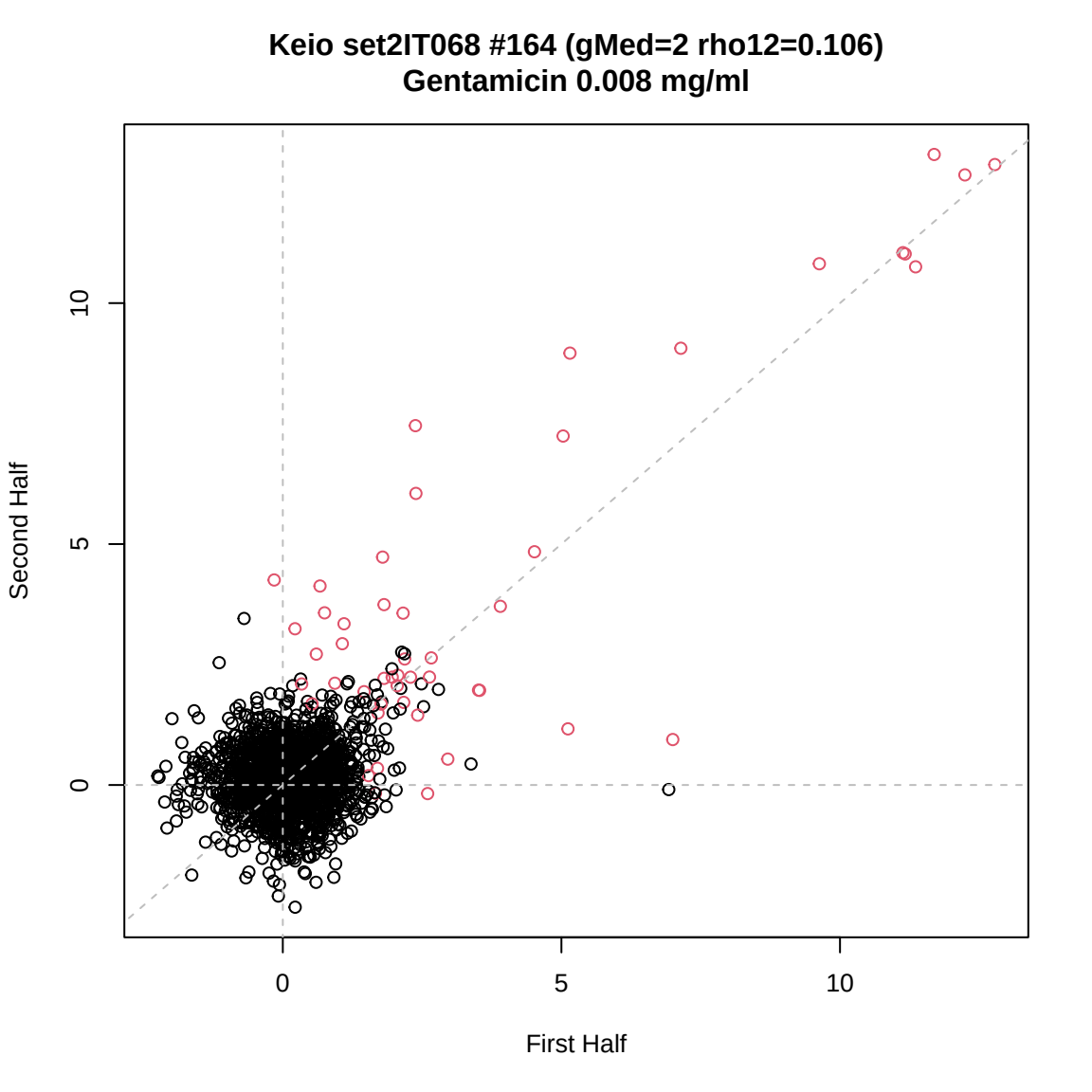

Keio set2IT063 #159 (gMed=102 rho12=0.362)
Spectinomycin 0.0125 mg/ml
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6
8

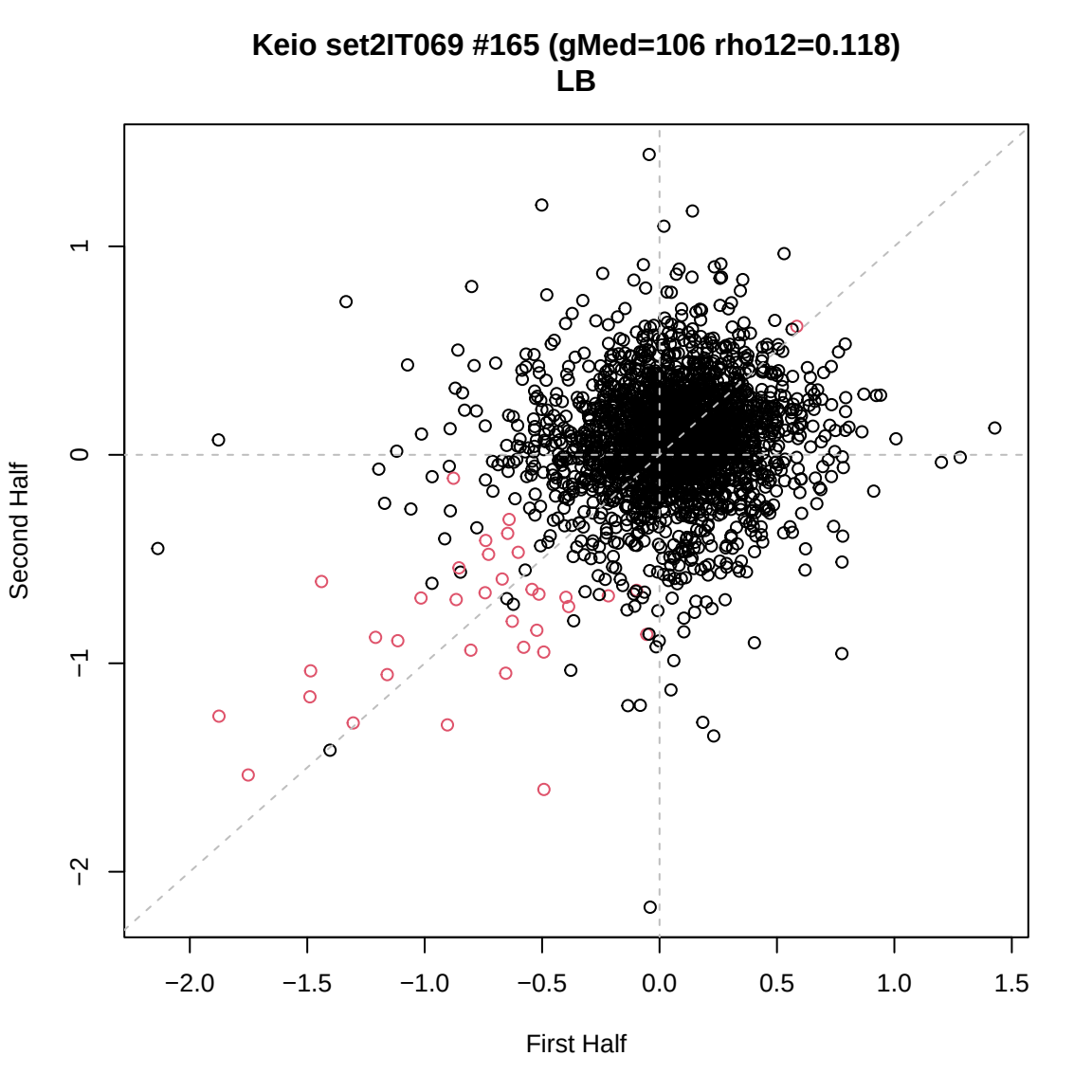

Keio set2IT064 #160 (gMed=107 rho12=0.187)
Carbenicillin 0.004 mg/ml
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

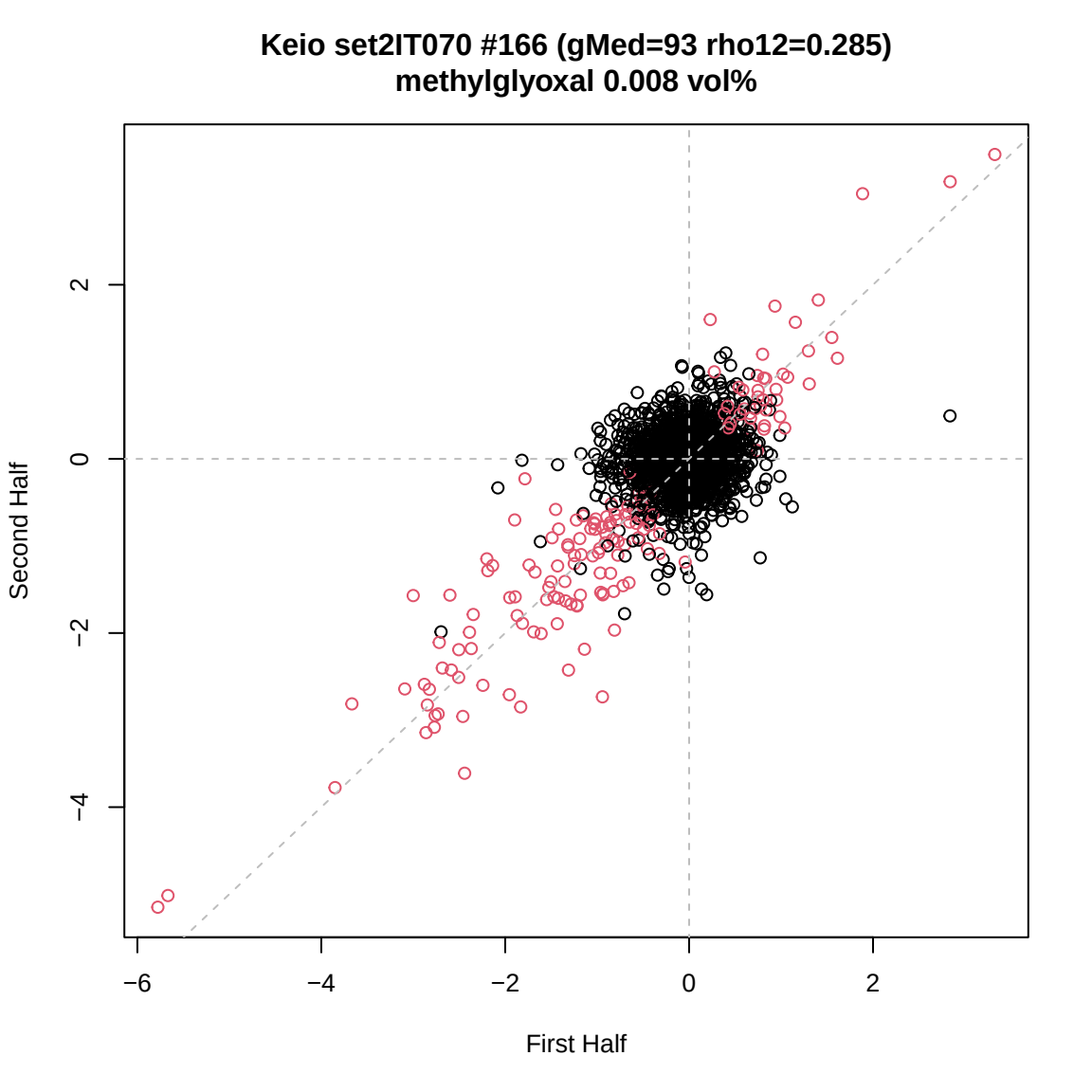

Keio set2IT065 #161 (gMed=96 rho12=0.331)
Carbenicillin 0.008 mg/ml
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

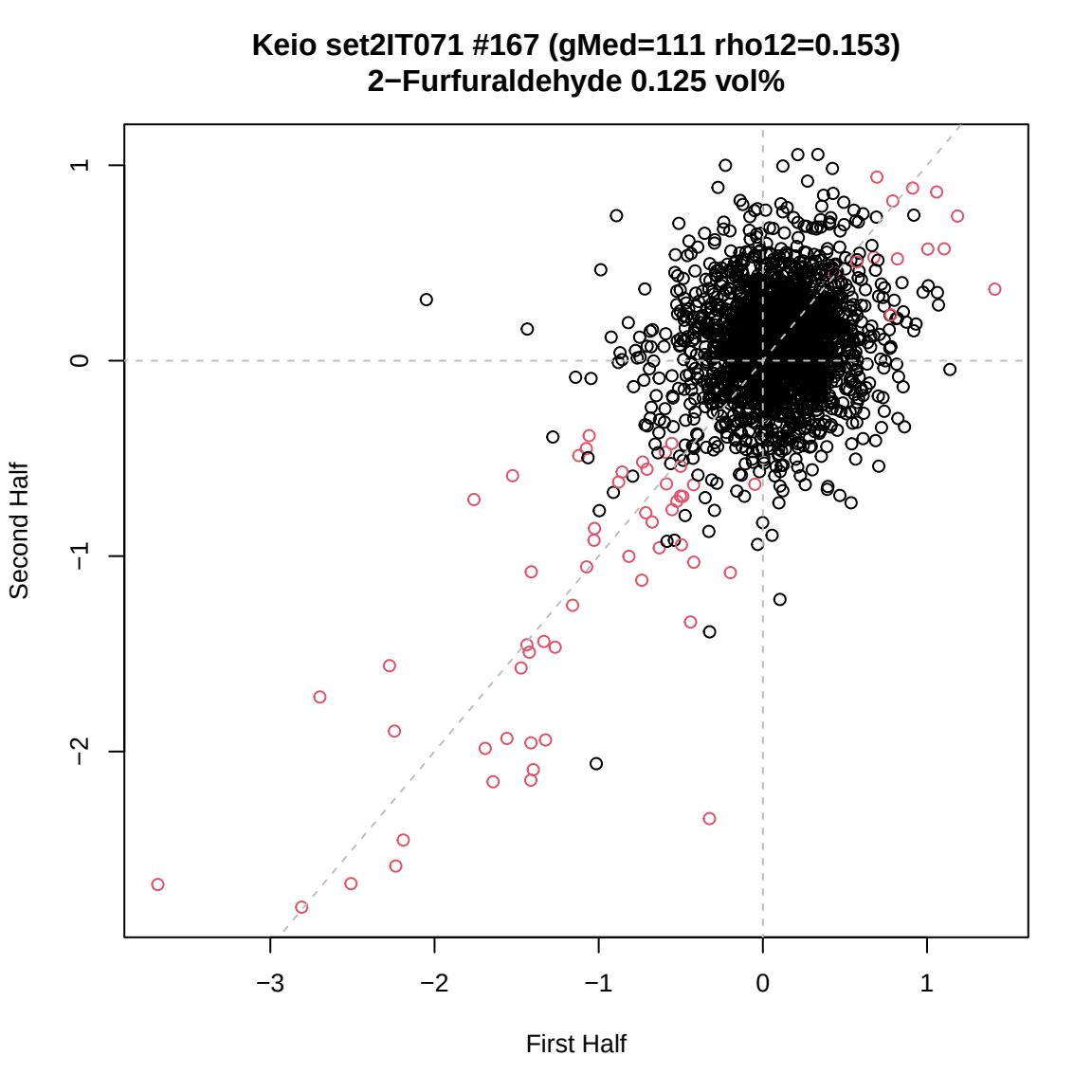

Keio set2IT066 #162 (gMed=7 rho12=0.136)
Carbenicillin 0.016 mg/ml
Second Half
First Half
15
10
5
0
0
5
10

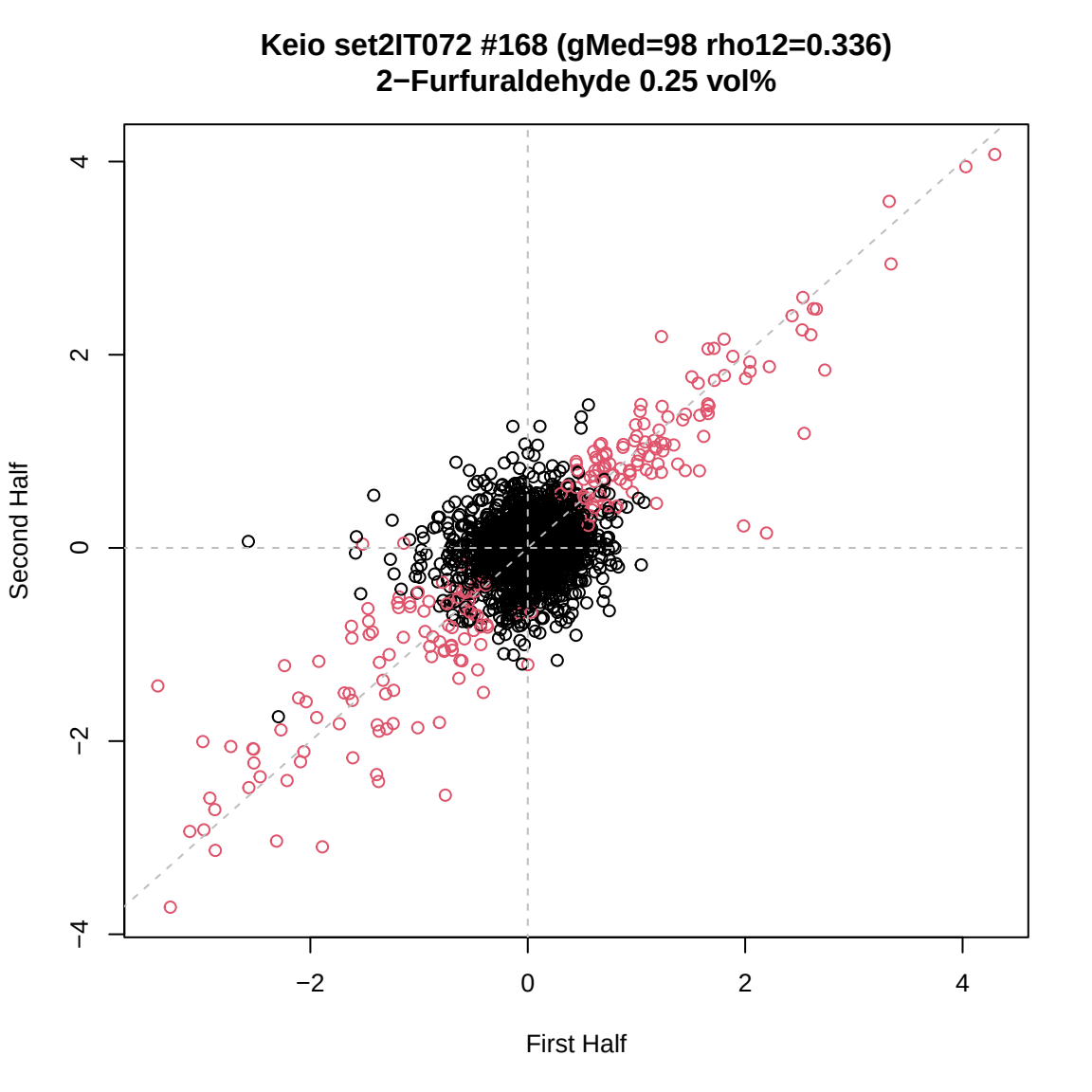

Keio set2IT067 #163 (gMed=112 rho12=0.659)
Gentamicin 0.004 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

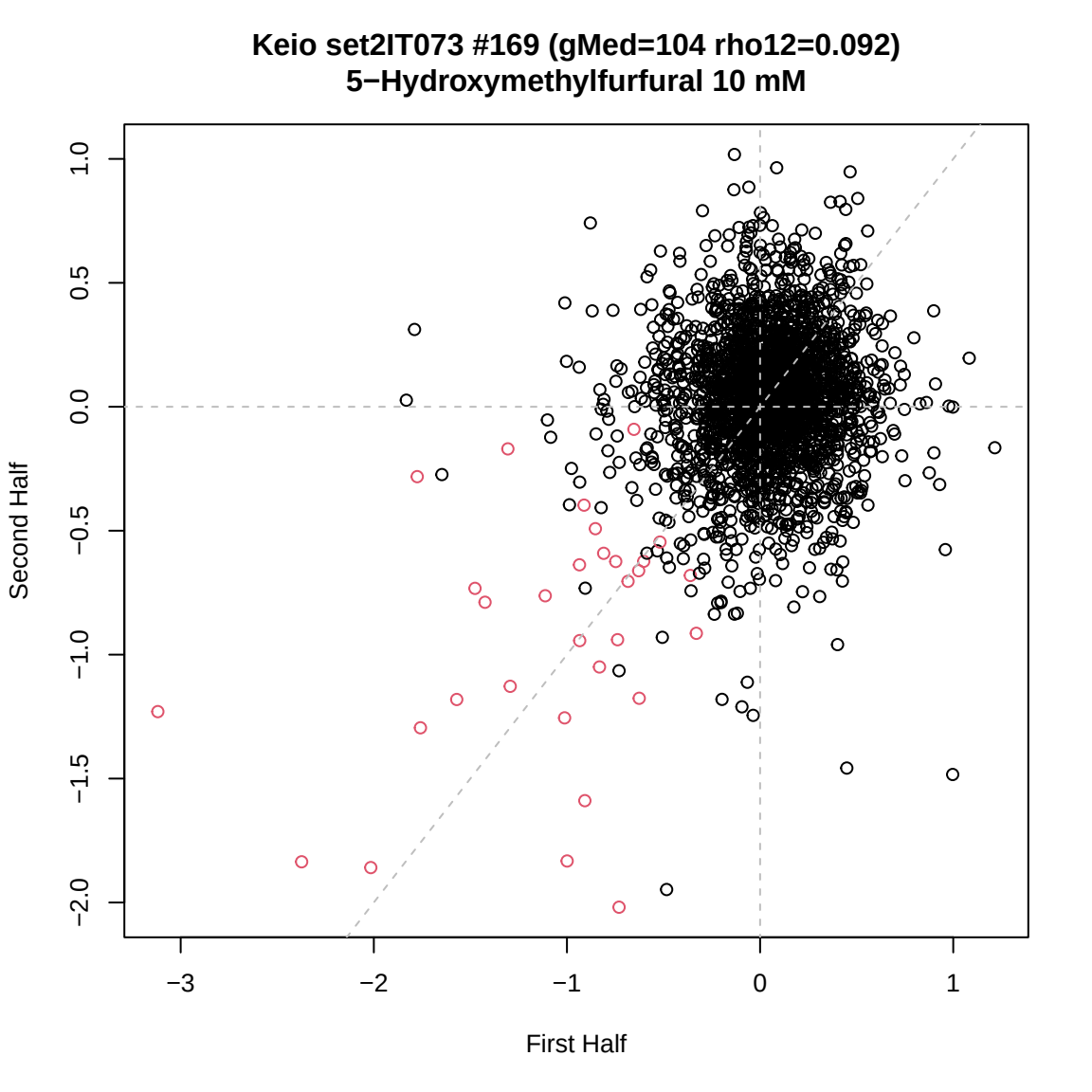

Keio set2IT068 #164 (gMed=2 rho12=0.106)
Gentamicin 0.008 mg/ml
Second Half
First Half
0
5
10
0
5
10

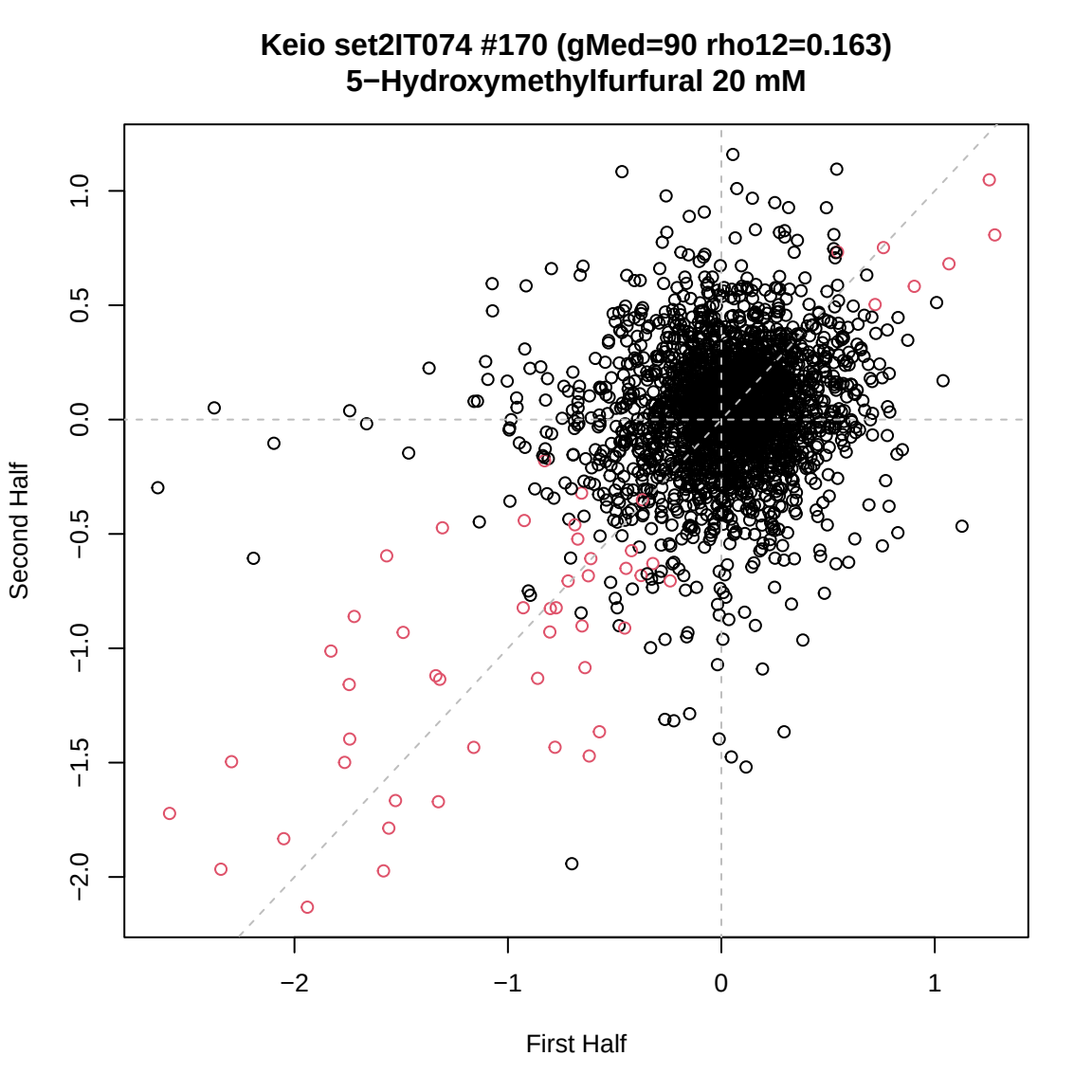

Keio set2IT069 #165 (gMed=106 rho12=0.118)
LB
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

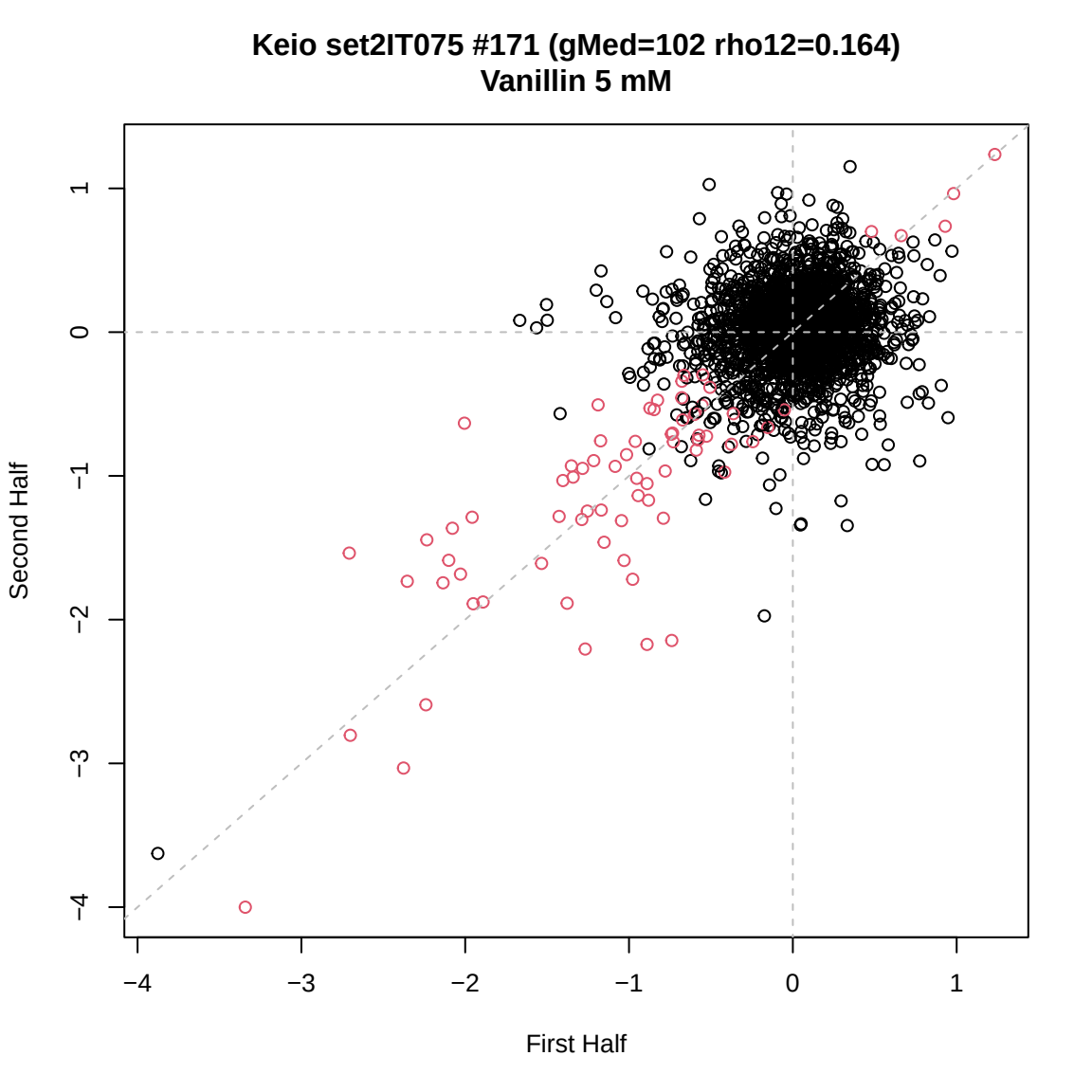

Keio set2IT070 #166 (gMed=93 rho12=0.285)
methylglyoxal 0.008 vol%
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

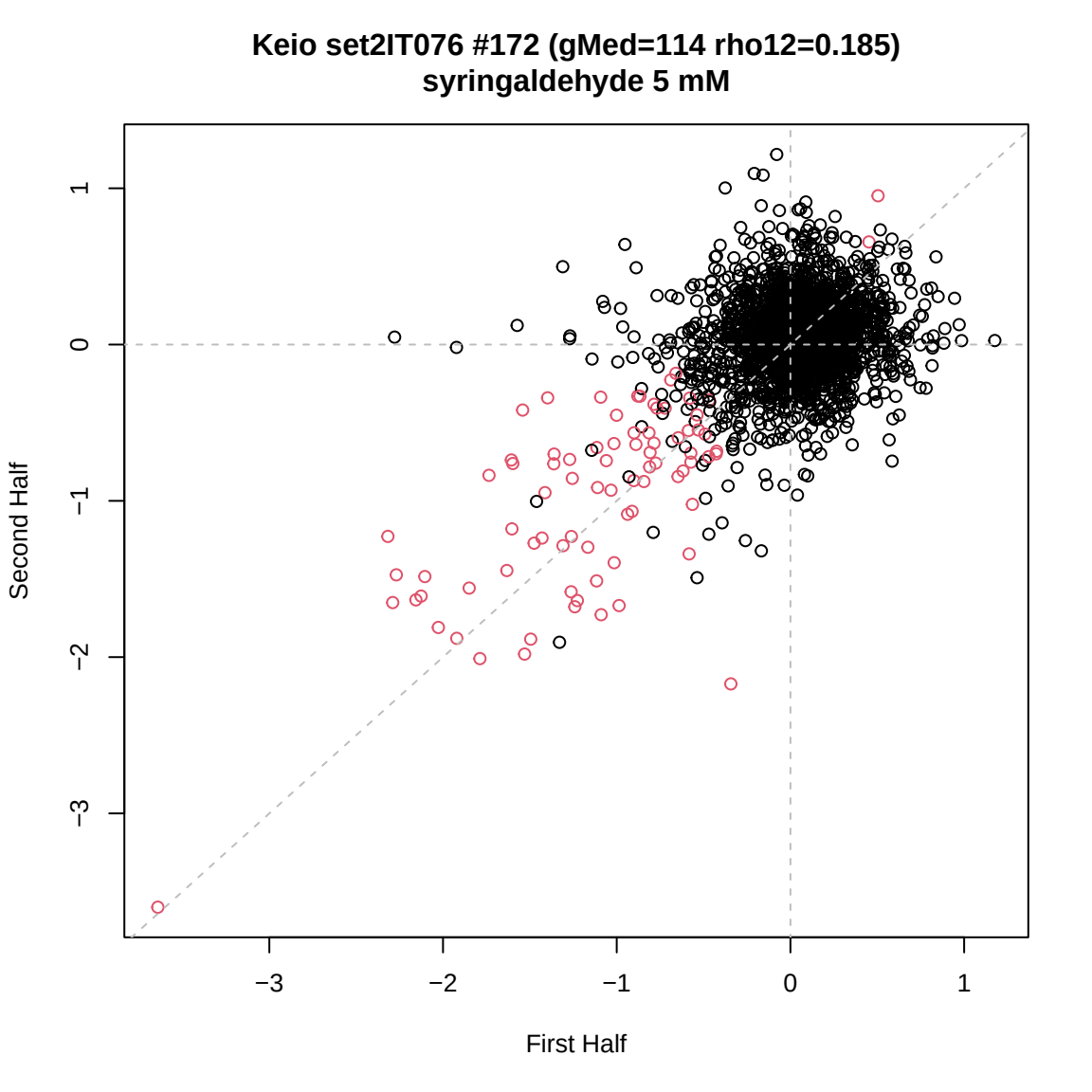

Keio set2IT071 #167 (gMed=111 rho12=0.153)
2−Furfuraldehyde 0.125 vol%
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

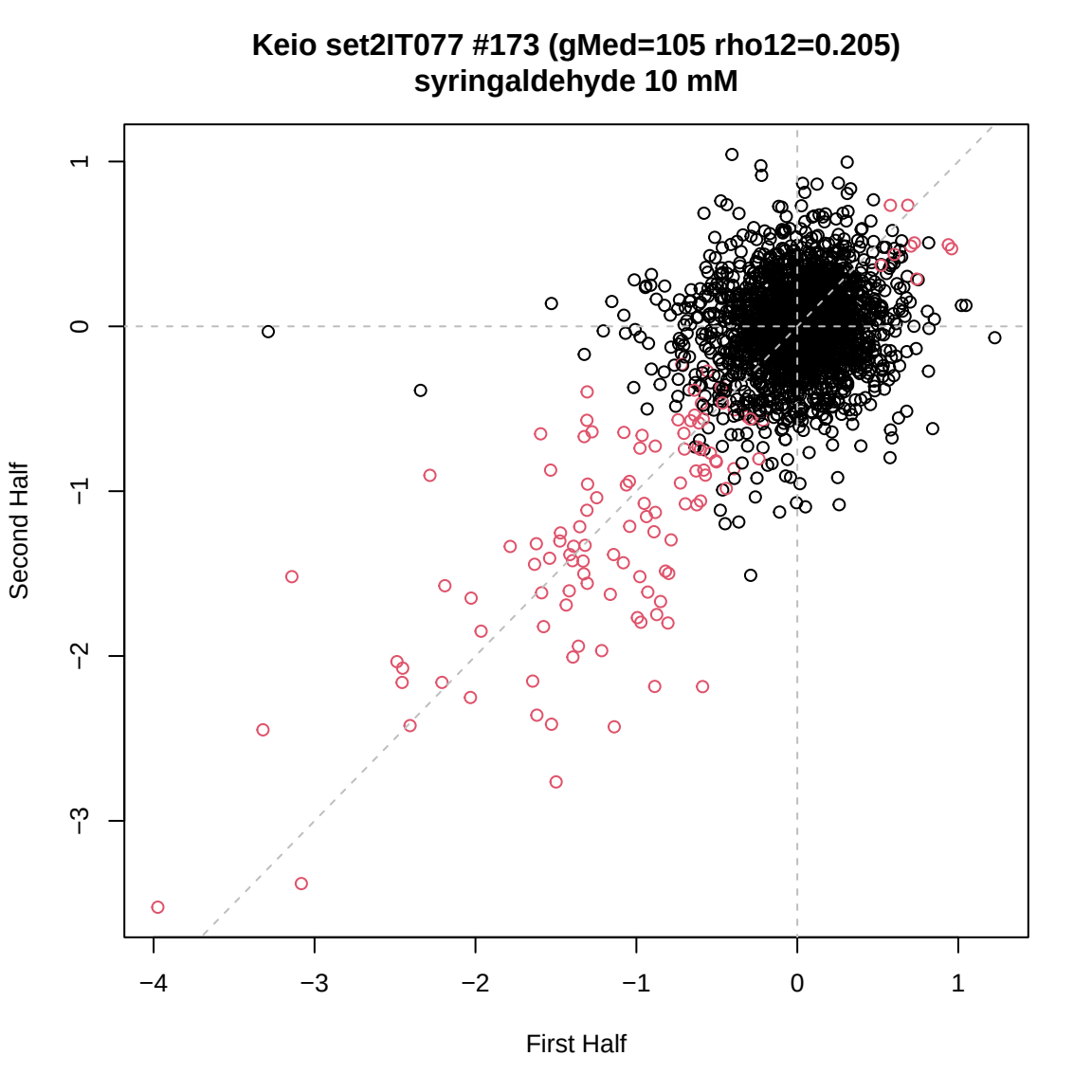

Keio set2IT072 #168 (gMed=98 rho12=0.336)
2−Furfuraldehyde 0.25 vol%
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

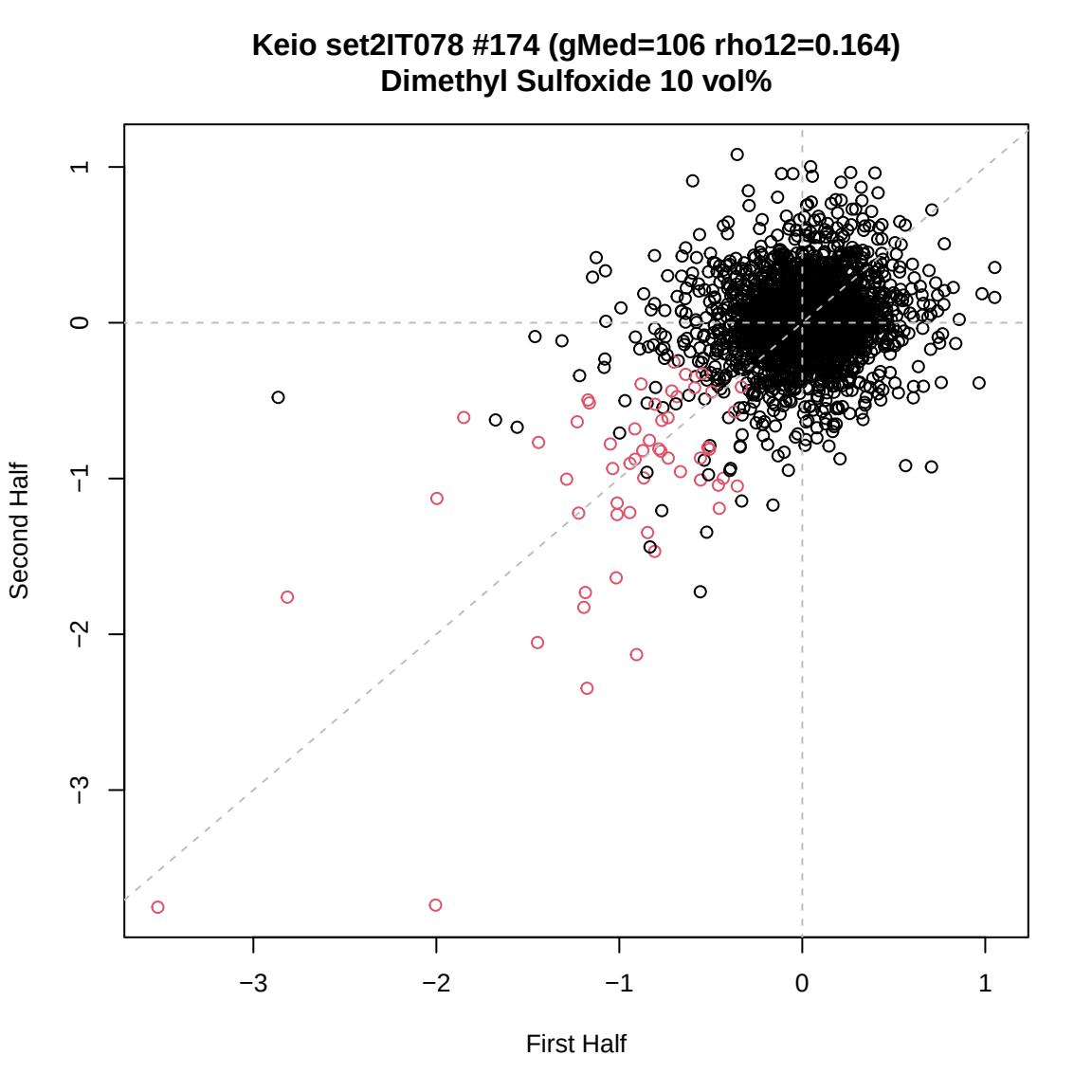

Keio set2IT073 #169 (gMed=104 rho12=0.092)
5−Hydroxymethylfurfural 10 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1

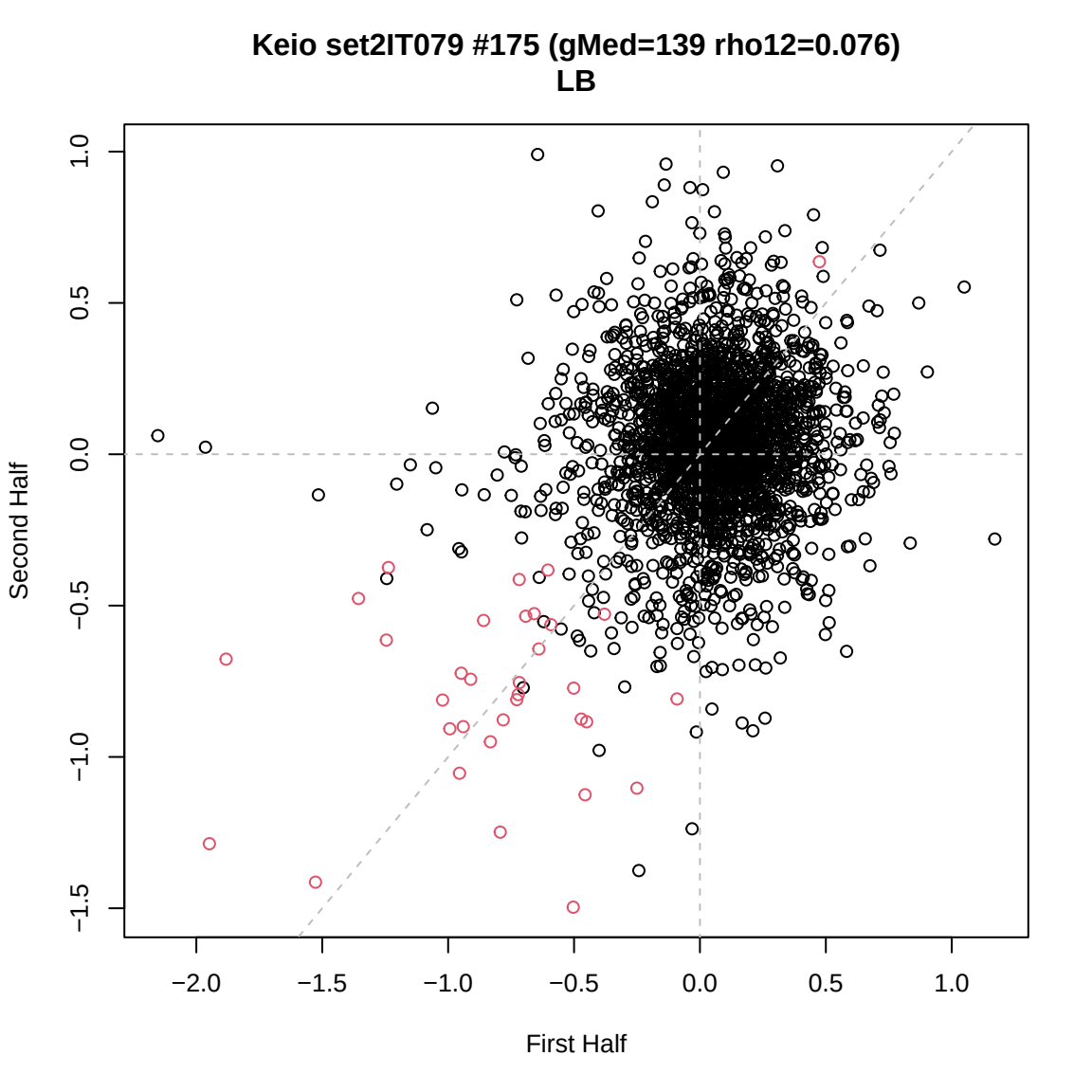

Keio set2IT074 #170 (gMed=90 rho12=0.163)
5−Hydroxymethylfurfural 20 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

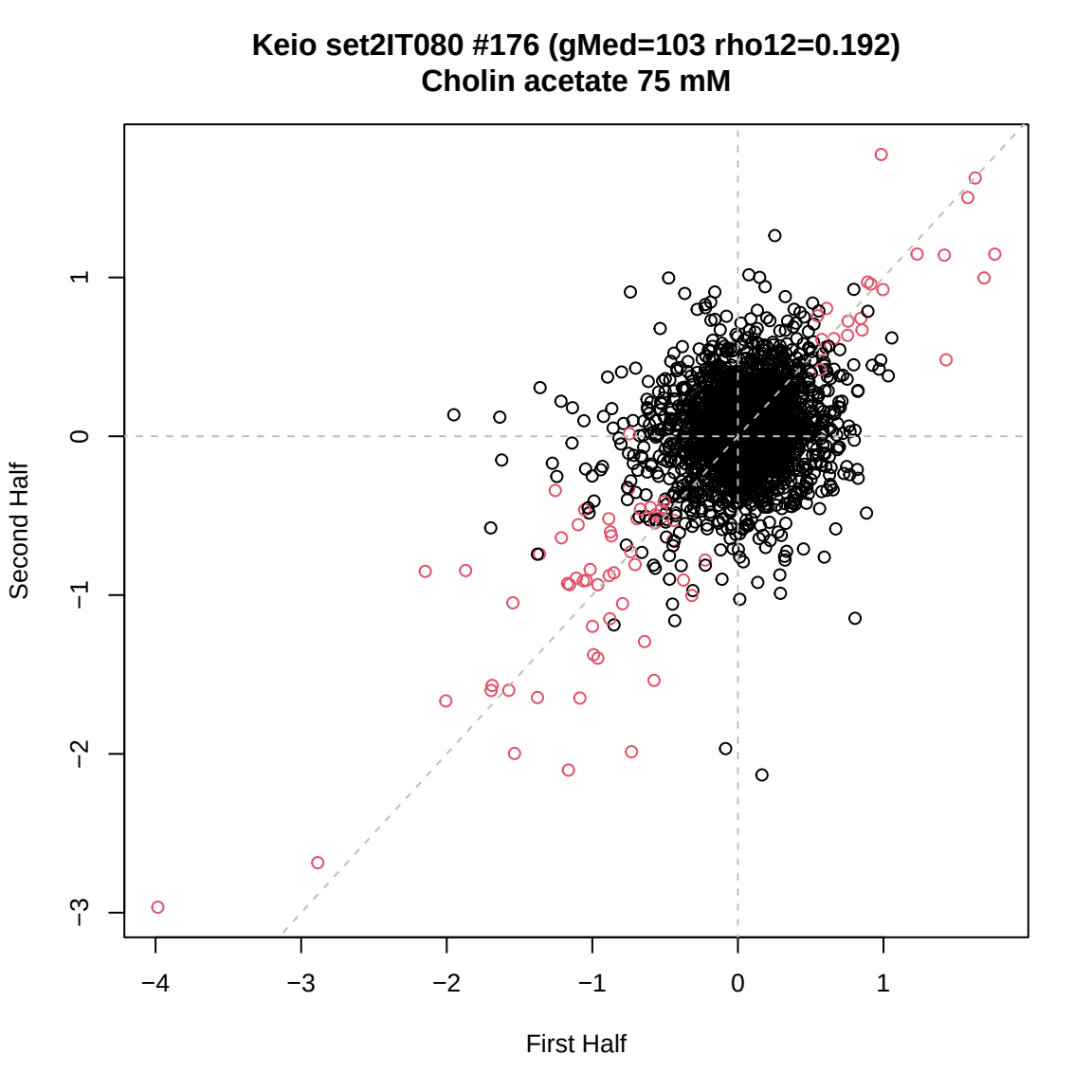

Keio set2IT075 #171 (gMed=102 rho12=0.164)
Vanillin 5 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

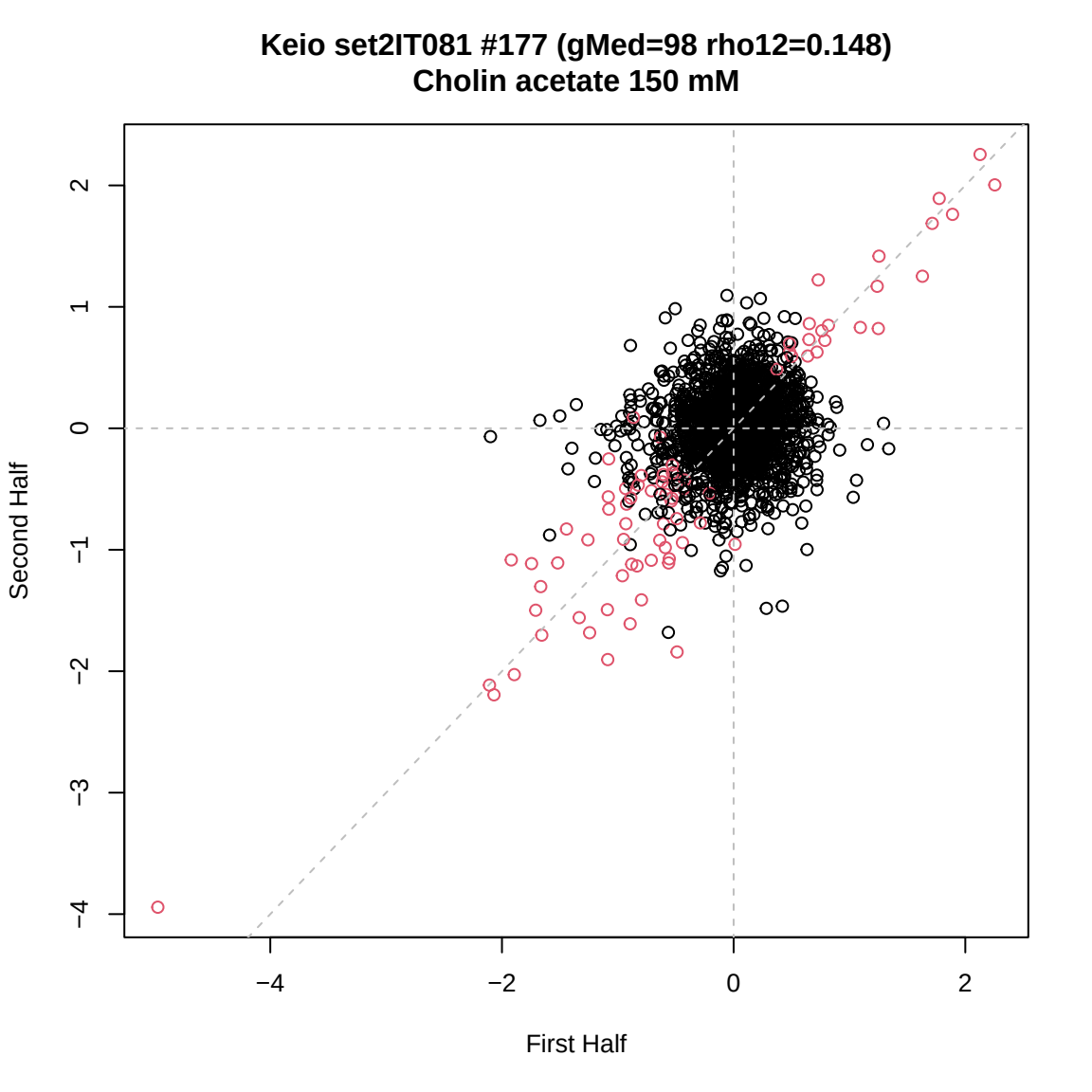

Keio set2IT076 #172 (gMed=114 rho12=0.185)
syringaldehyde 5 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

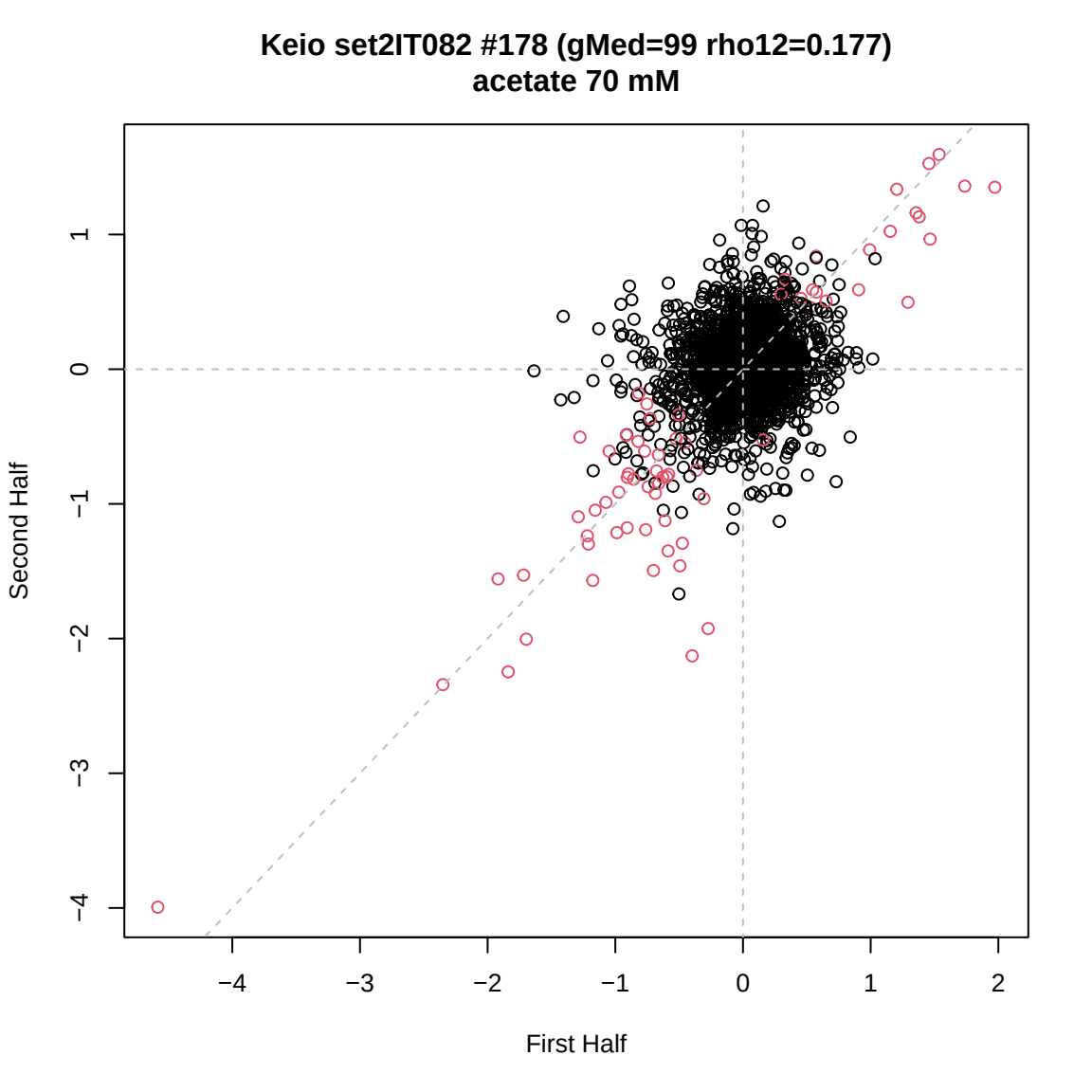

Keio set2IT077 #173 (gMed=105 rho12=0.205)
syringaldehyde 10 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

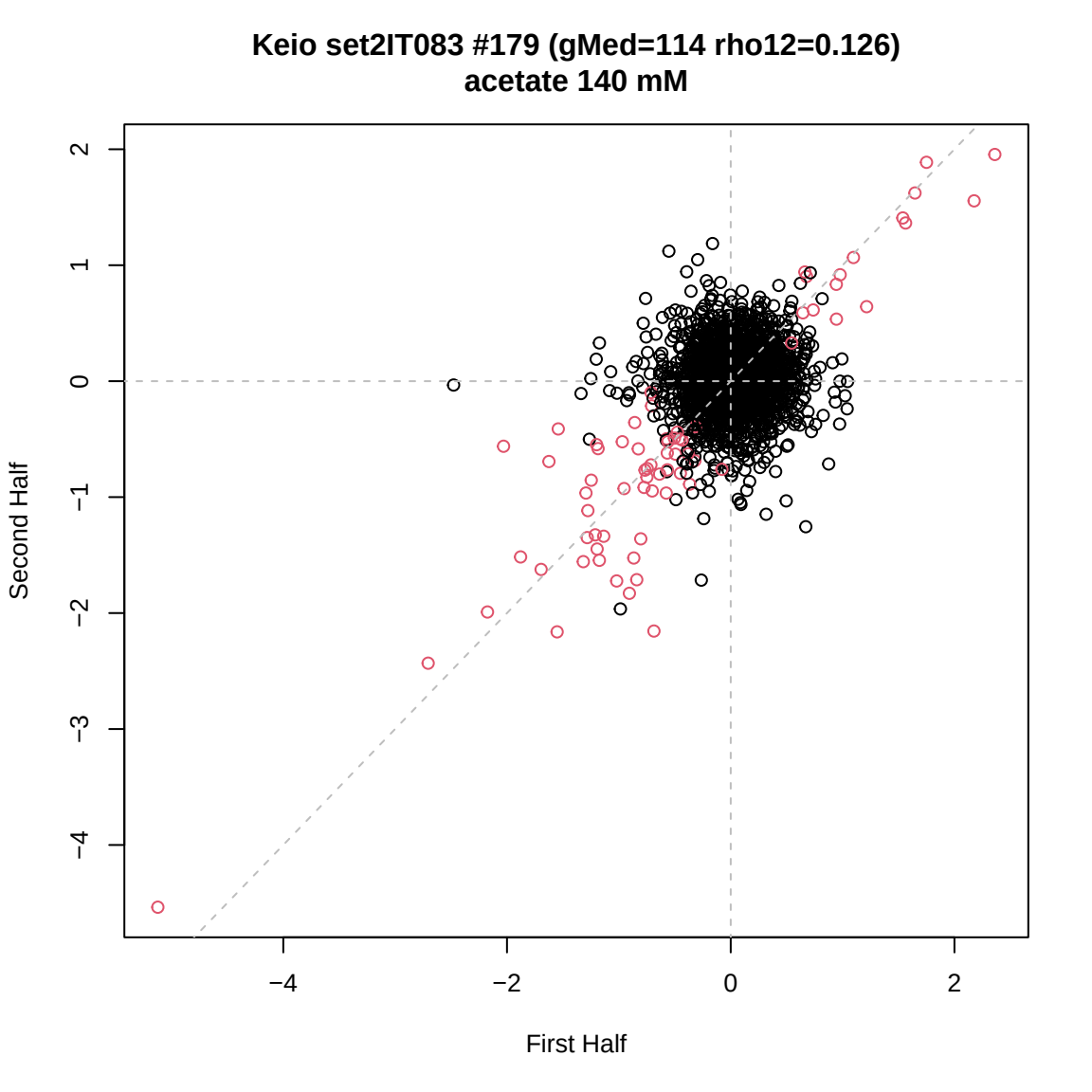

Keio set2IT078 #174 (gMed=106 rho12=0.164)
Dimethyl Sulfoxide 10 vol%
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

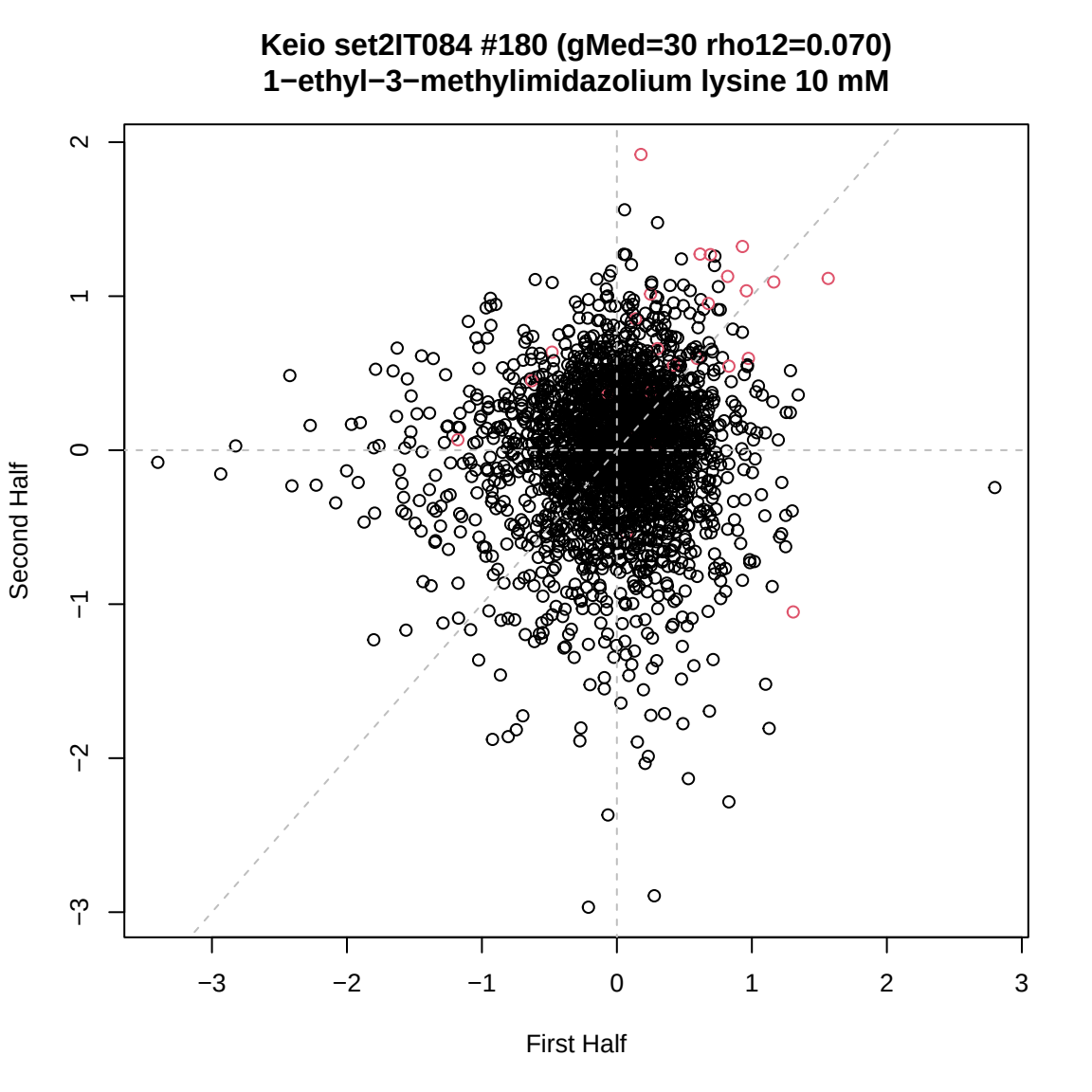

Keio set2IT079 #175 (gMed=139 rho12=0.076)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

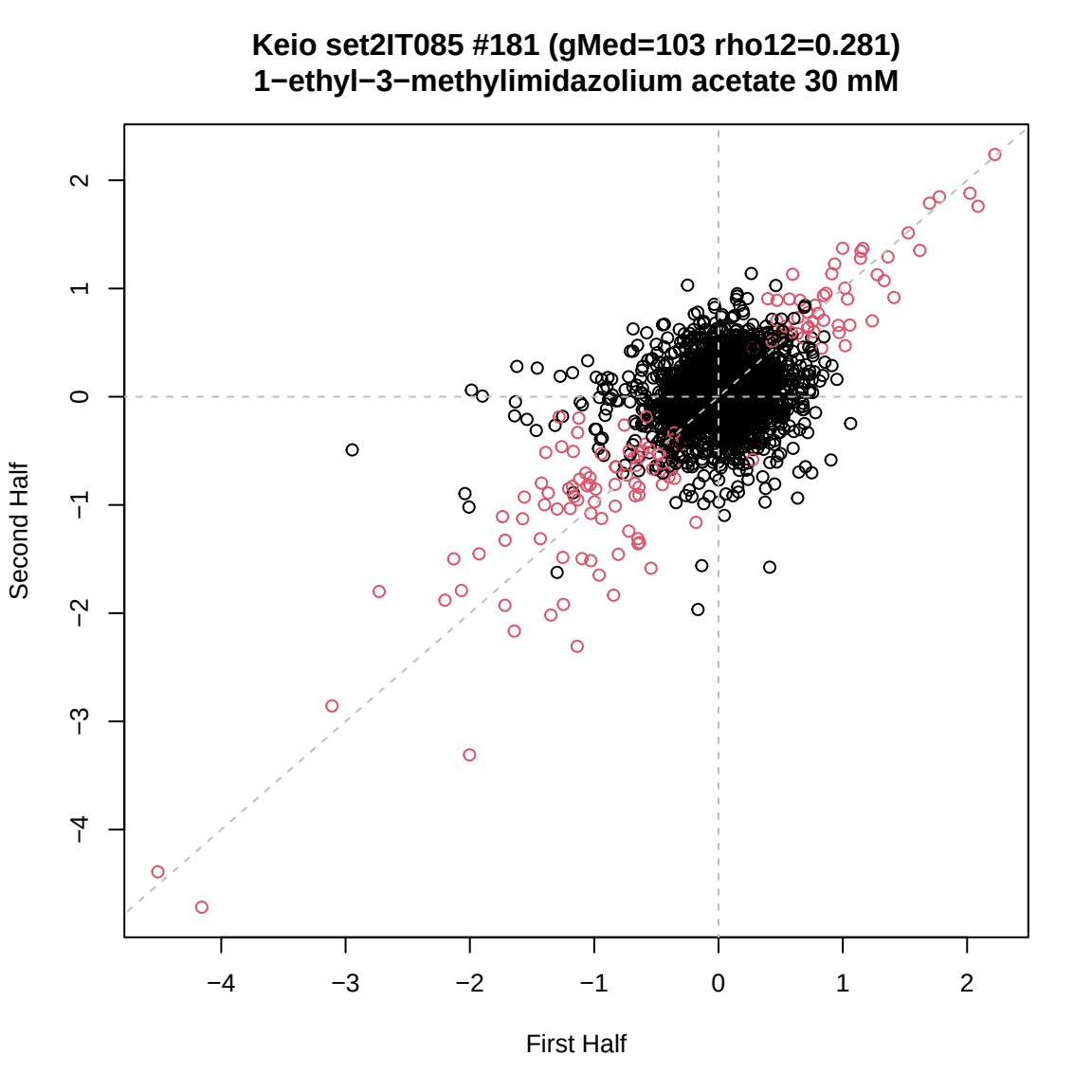

Keio set2IT080 #176 (gMed=103 rho12=0.192)
Cholin acetate 75 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

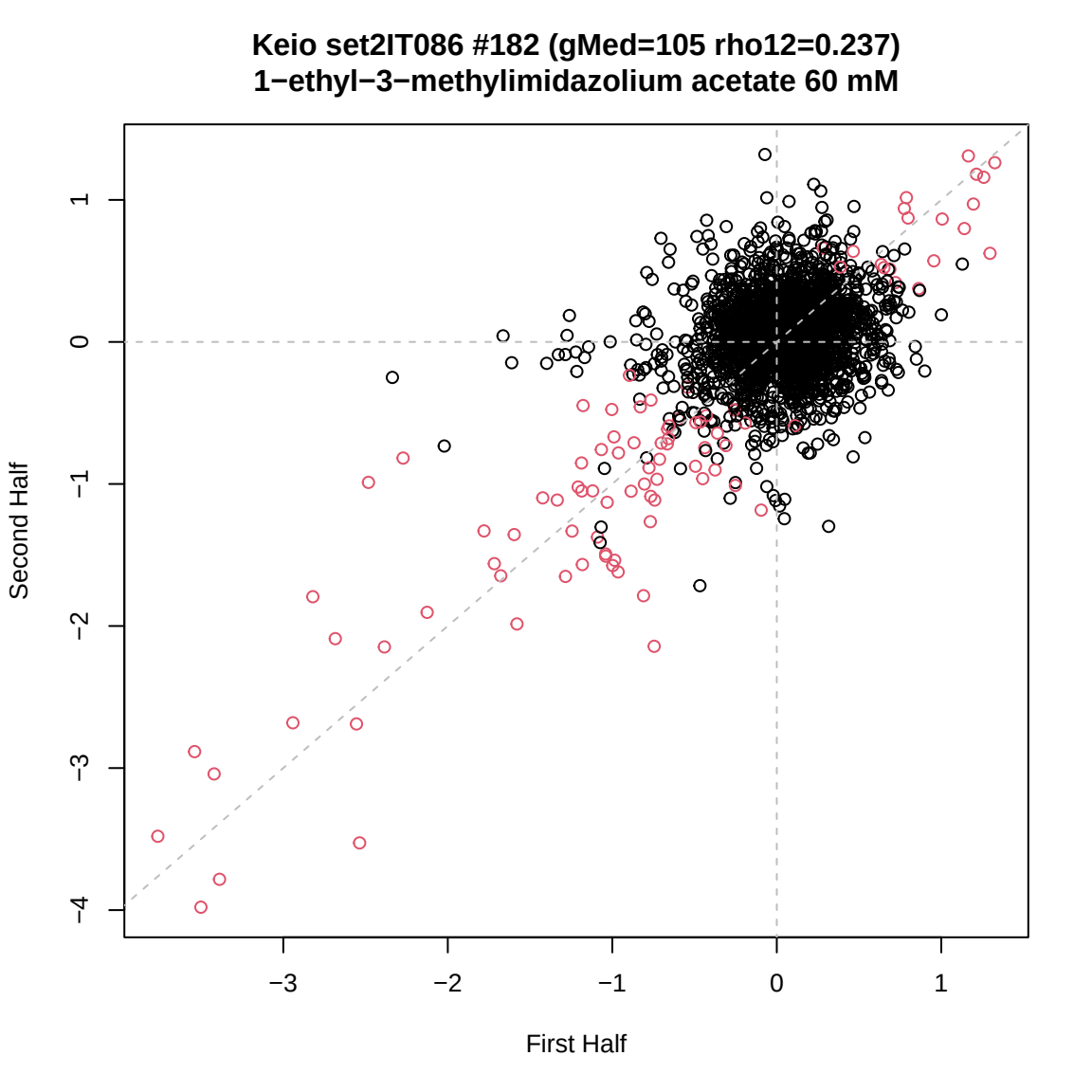

Keio set2IT081 #177 (gMed=98 rho12=0.148)
Cholin acetate 150 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

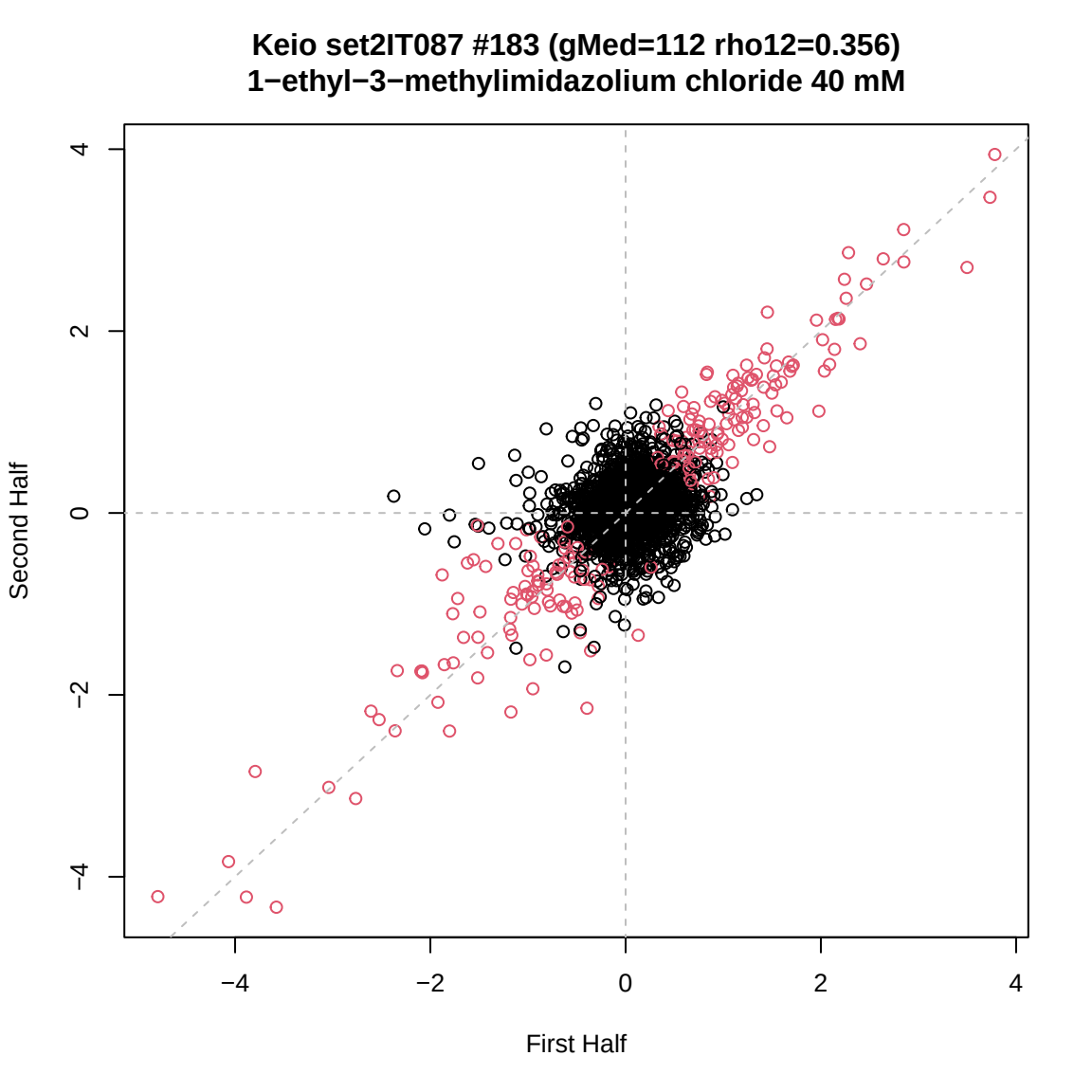

Keio set2IT082 #178 (gMed=99 rho12=0.177)
acetate 70 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

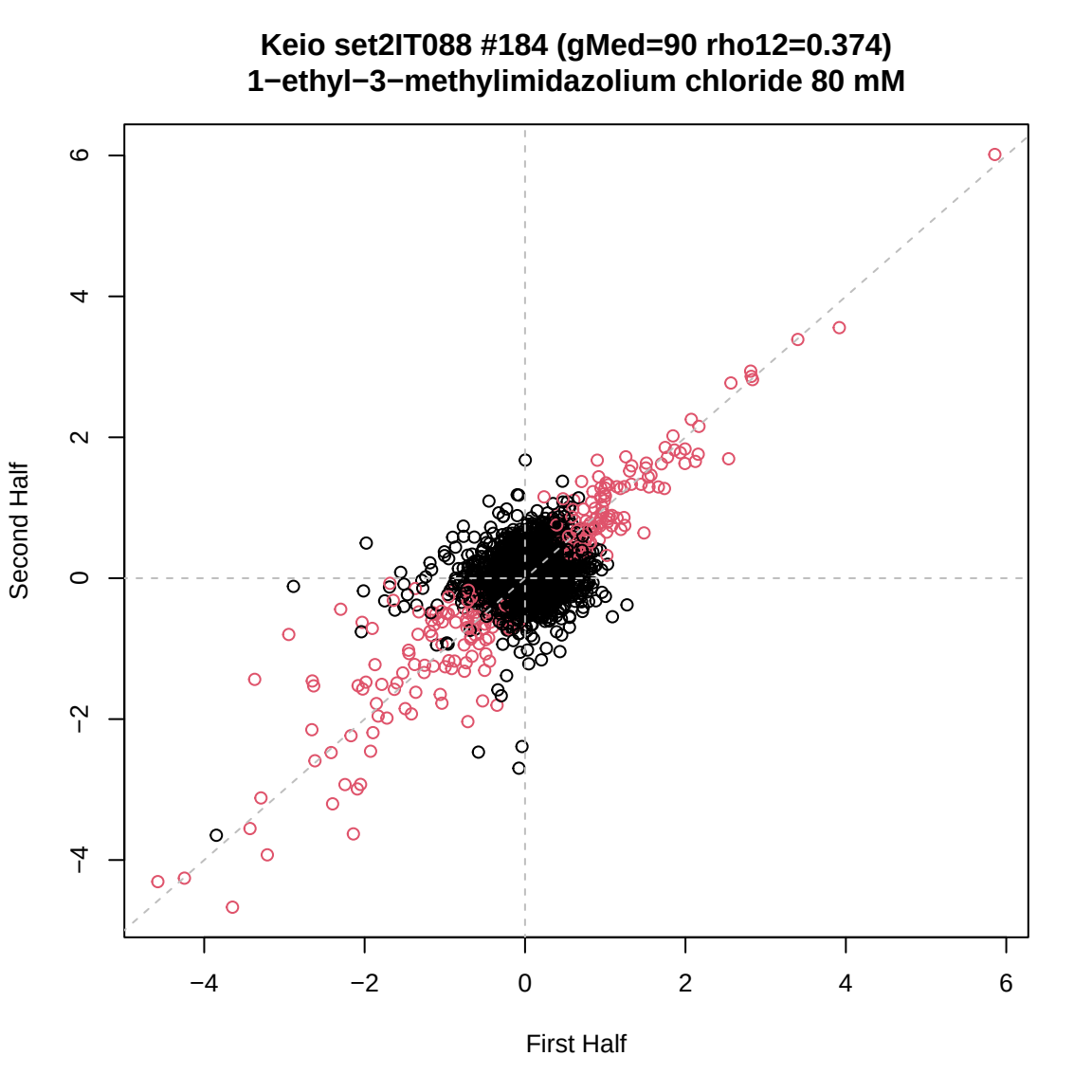

Keio set2IT083 #179 (gMed=114 rho12=0.126)
acetate 140 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

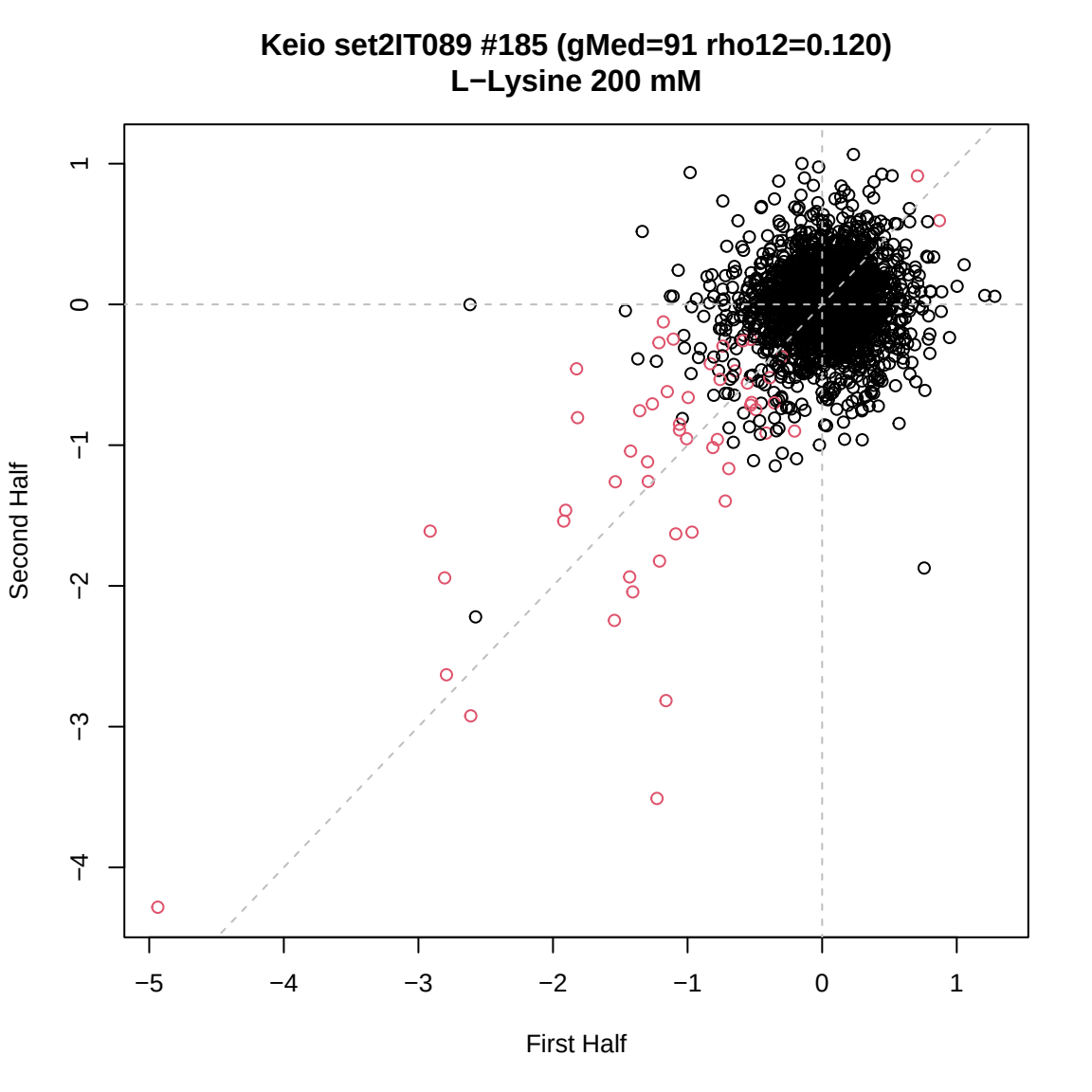

Keio set2IT084 #180 (gMed=30 rho12=0.070)
1−ethyl−3−methylimidazolium lysine 10 mM
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

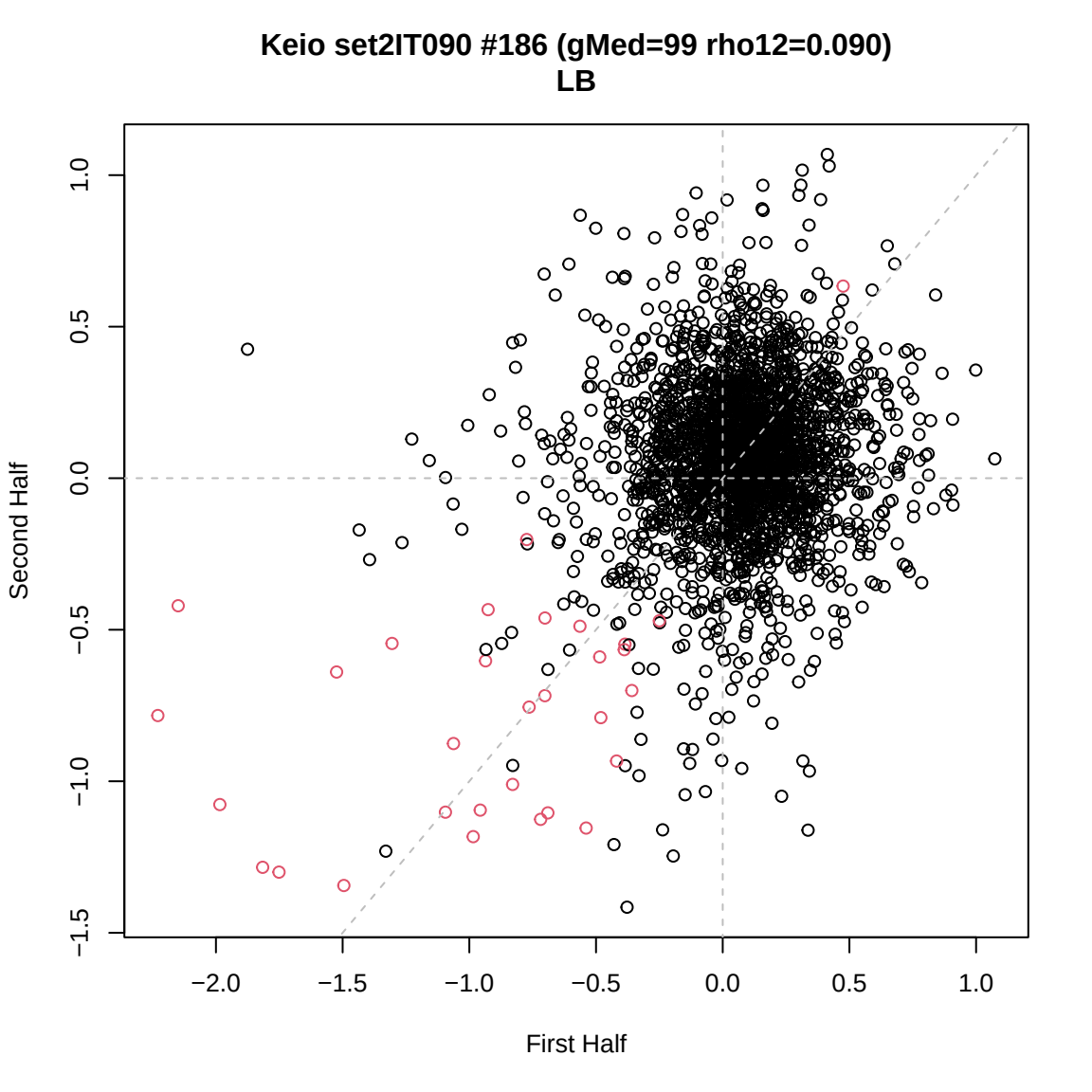

Keio set2IT085 #181 (gMed=103 rho12=0.281)
1−ethyl−3−methylimidazolium acetate 30 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

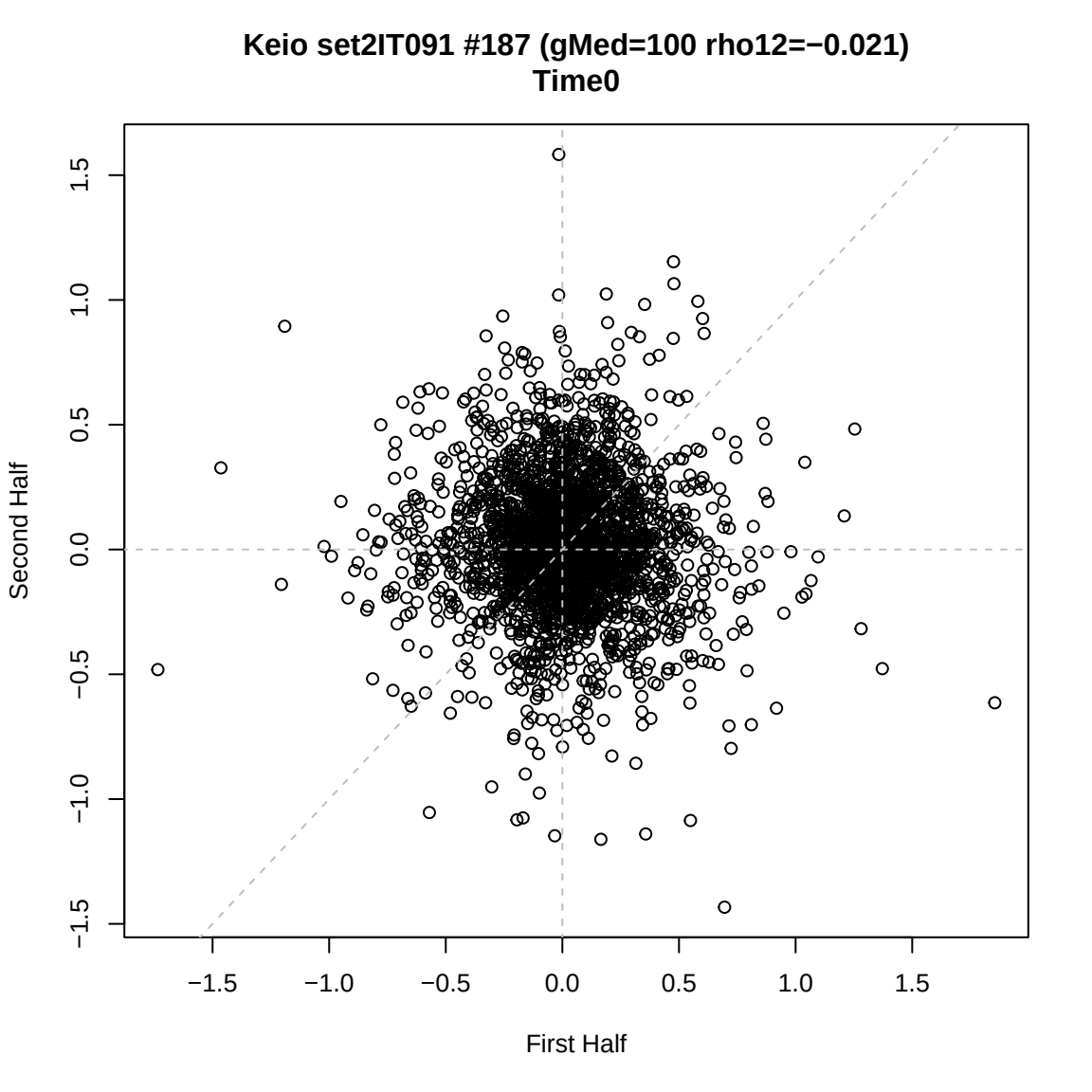

Keio set2IT086 #182 (gMed=105 rho12=0.237)
1−ethyl−3−methylimidazolium acetate 60 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

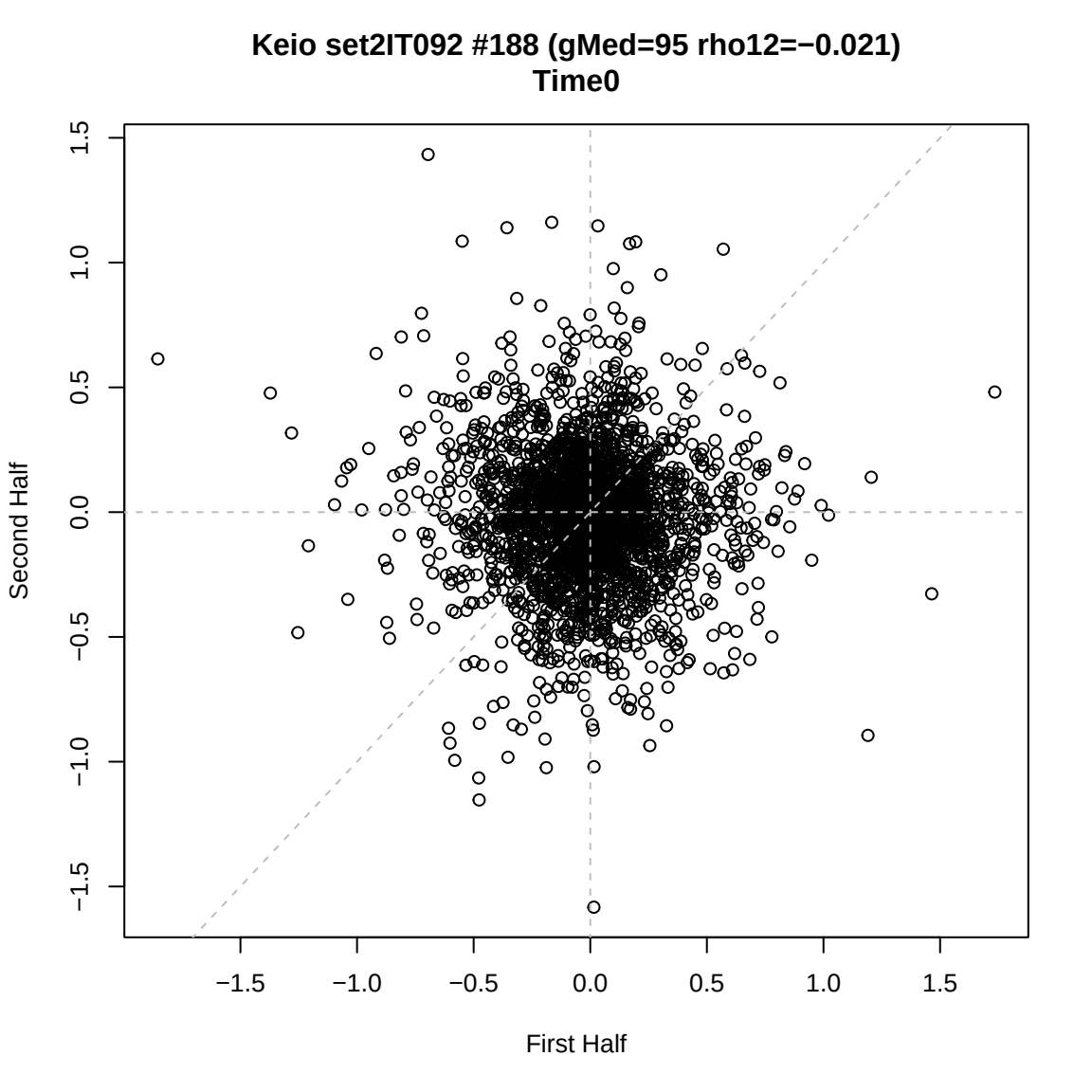

Keio set2IT087 #183 (gMed=112 rho12=0.356)
1−ethyl−3−methylimidazolium chloride 40 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

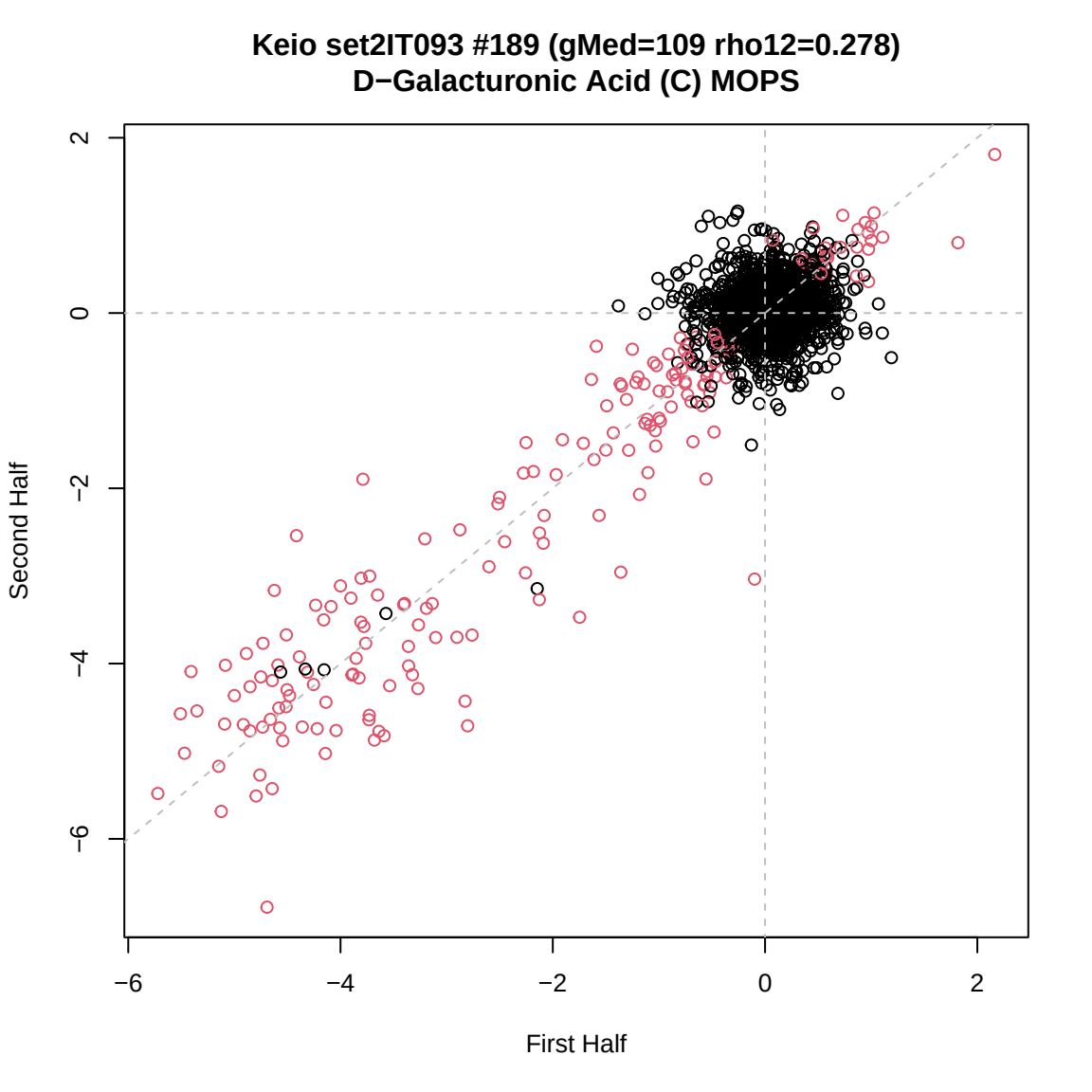

Keio set2IT088 #184 (gMed=90 rho12=0.374)
1−ethyl−3−methylimidazolium chloride 80 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

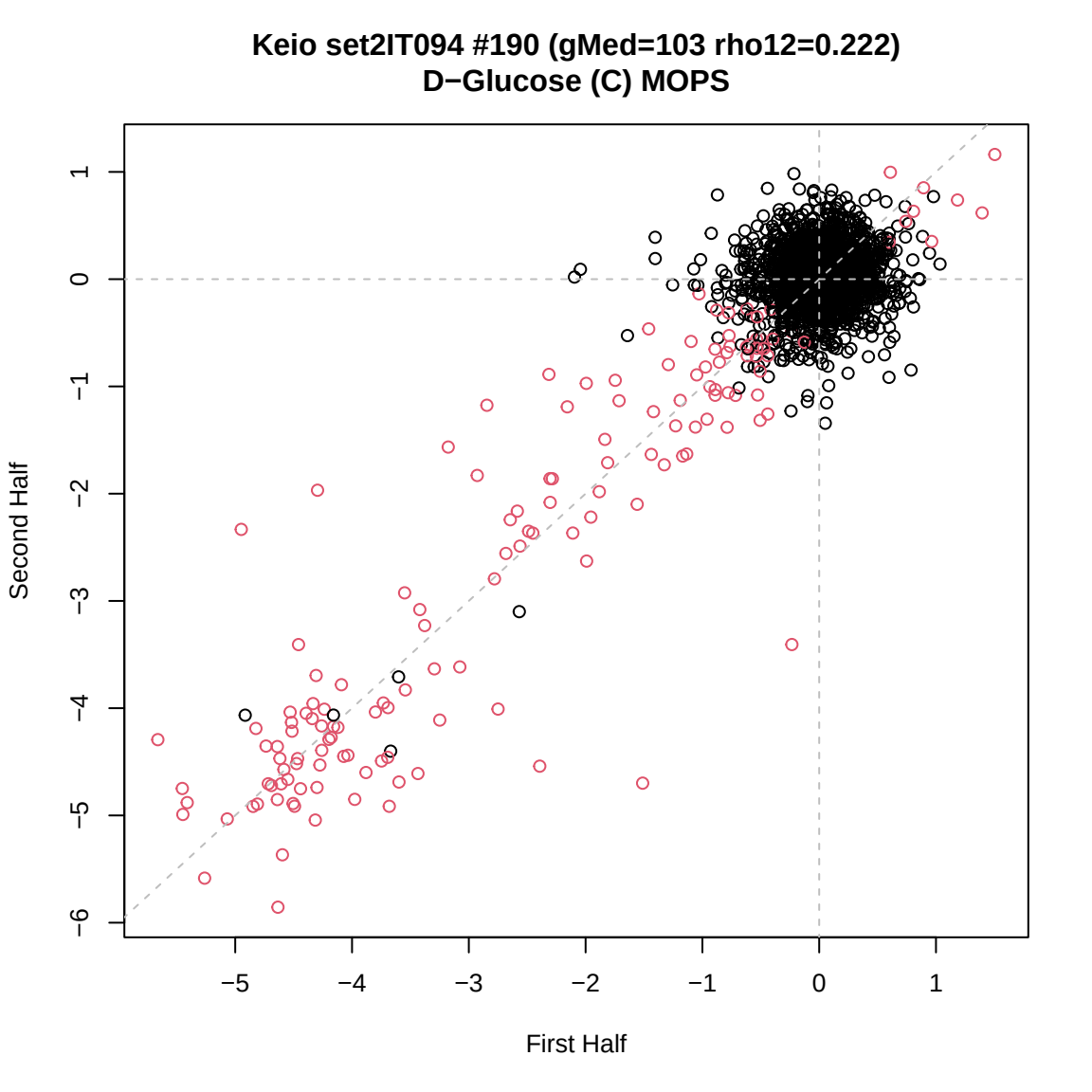

Keio set2IT089 #185 (gMed=91 rho12=0.120)
L−Lysine 200 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

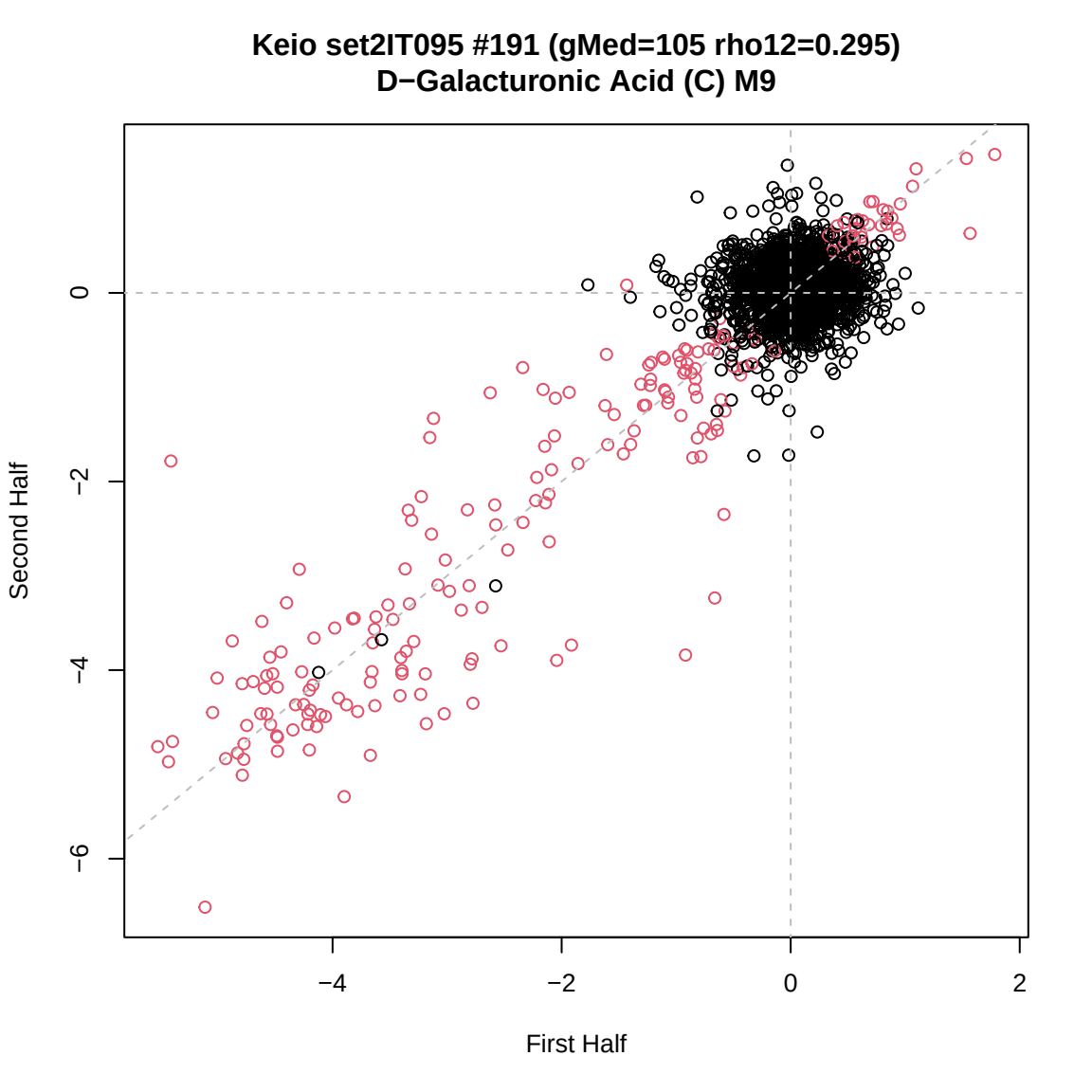

Keio set2IT090 #186 (gMed=99 rho12=0.090)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

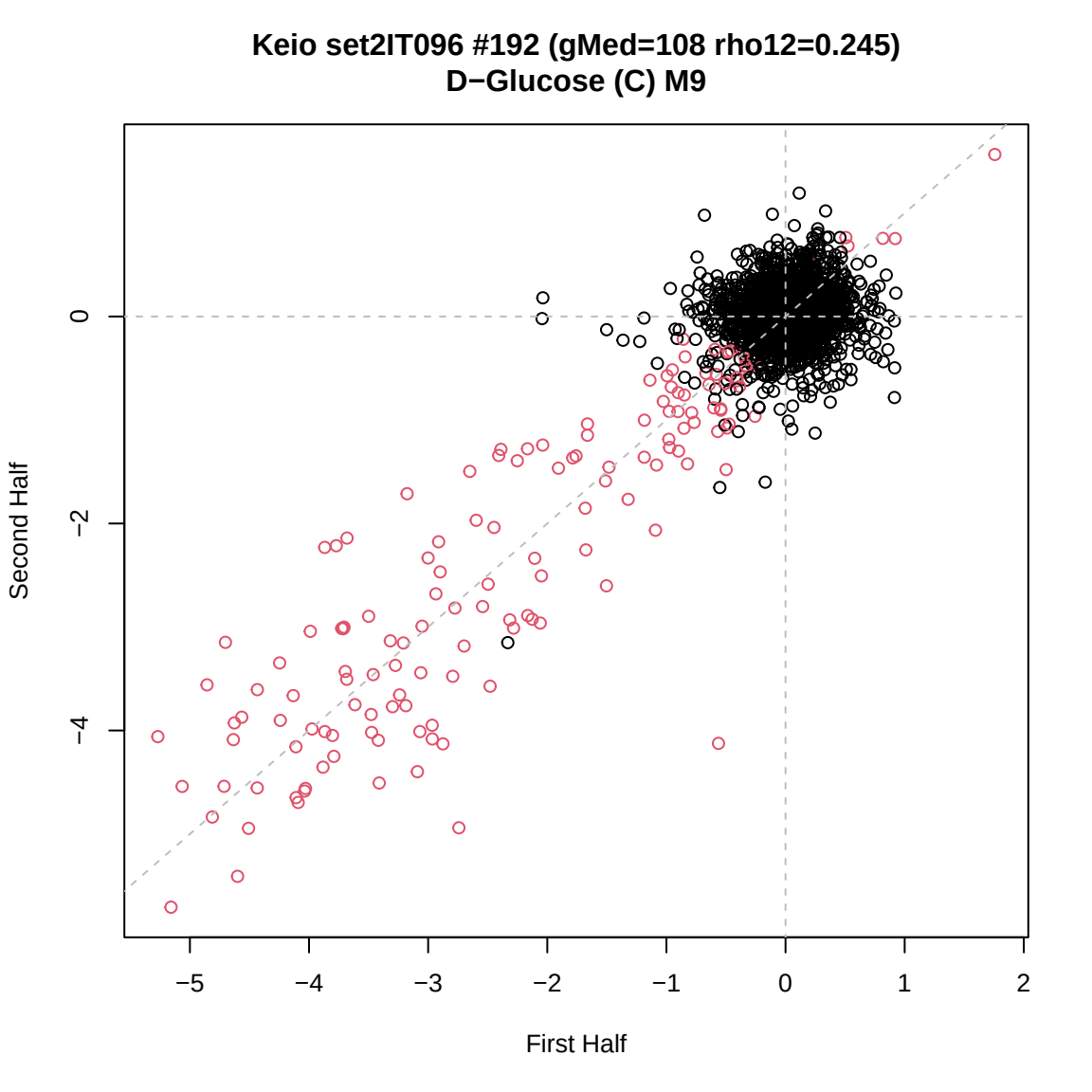

Keio set2IT091 #187 (gMed=100 rho12=−0.021)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

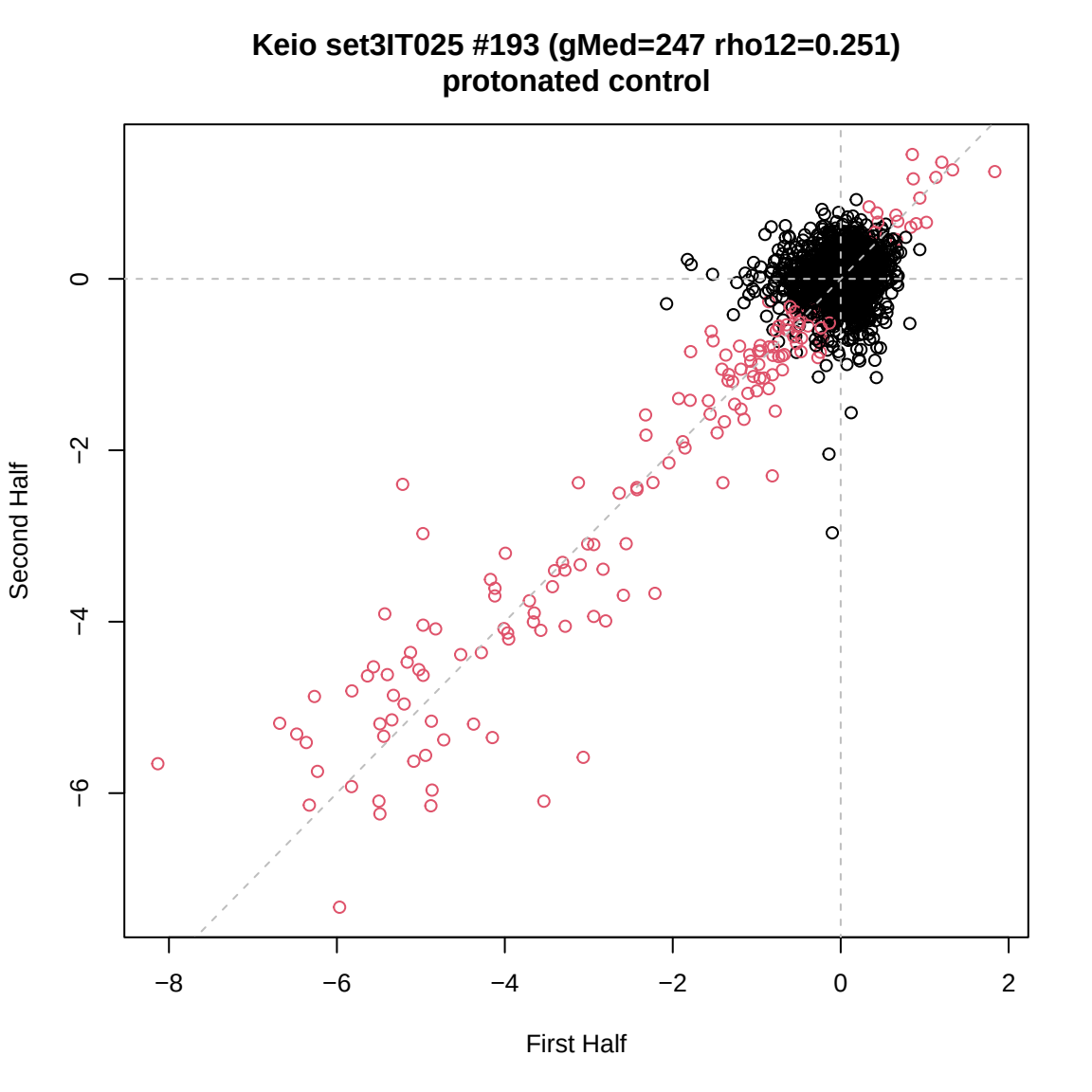

Keio set2IT092 #188 (gMed=95 rho12=−0.021)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

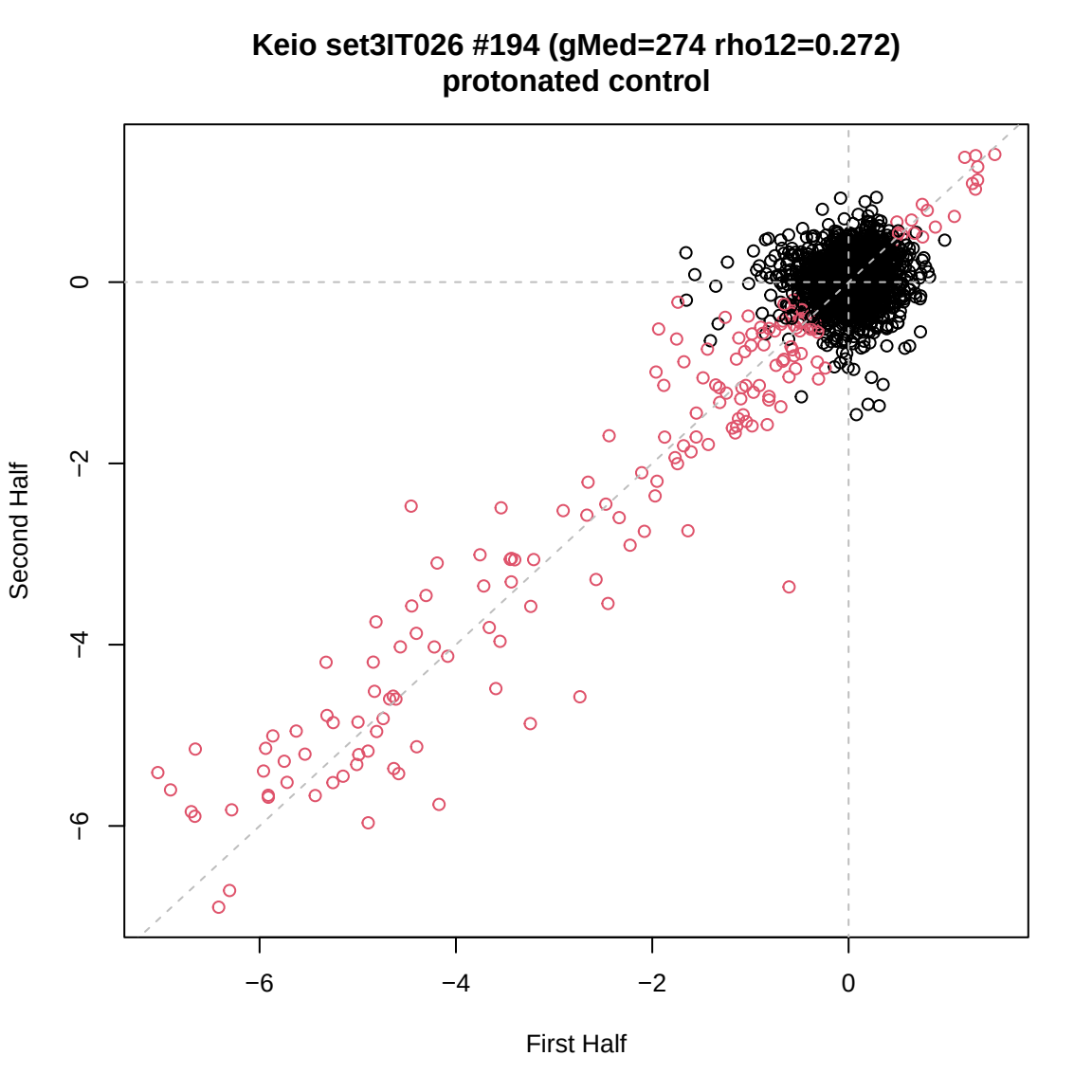

Keio set2IT093 #189 (gMed=109 rho12=0.278)
D−Galacturonic Acid (C) MOPS
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

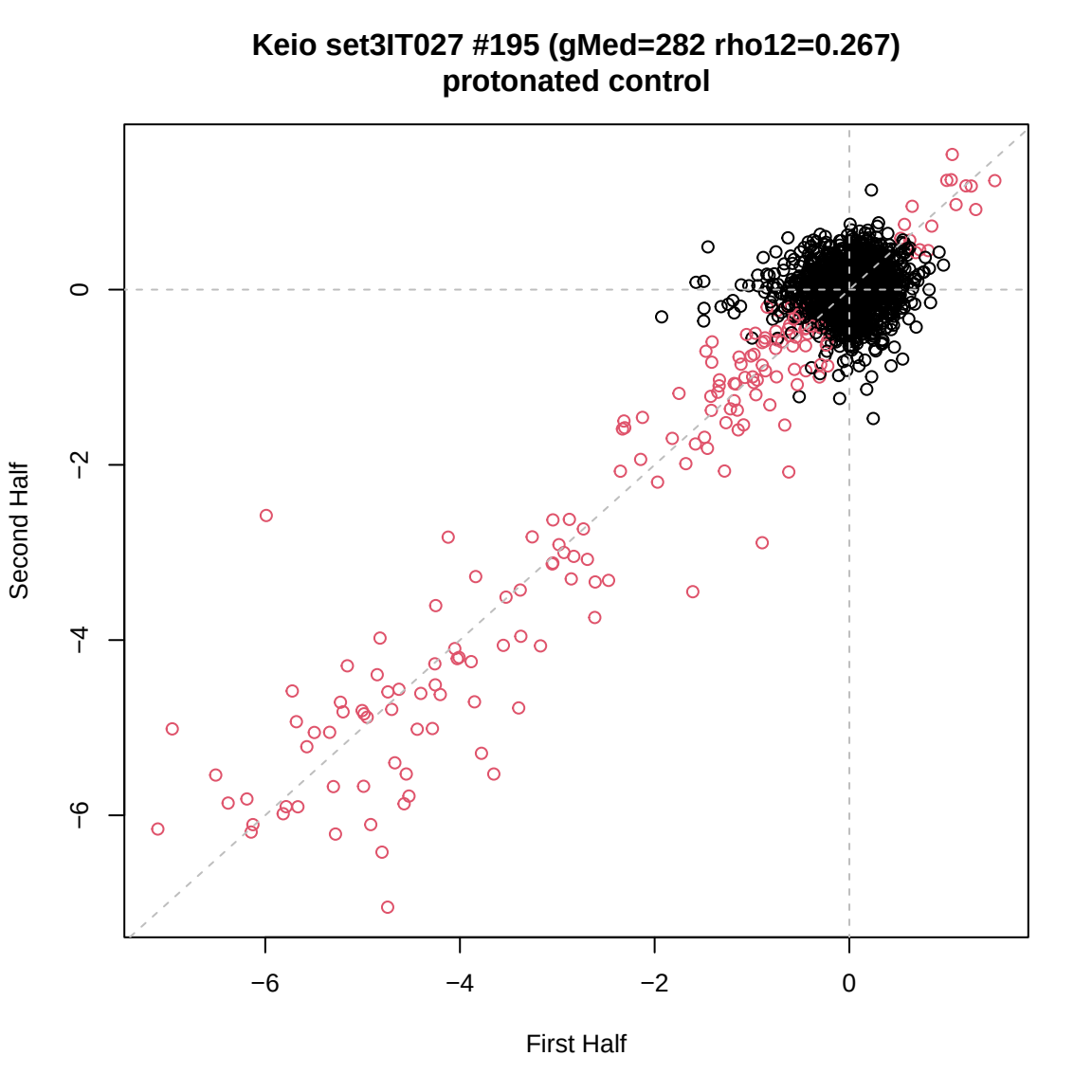

Keio set2IT094 #190 (gMed=103 rho12=0.222)
D−Glucose (C) MOPS
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

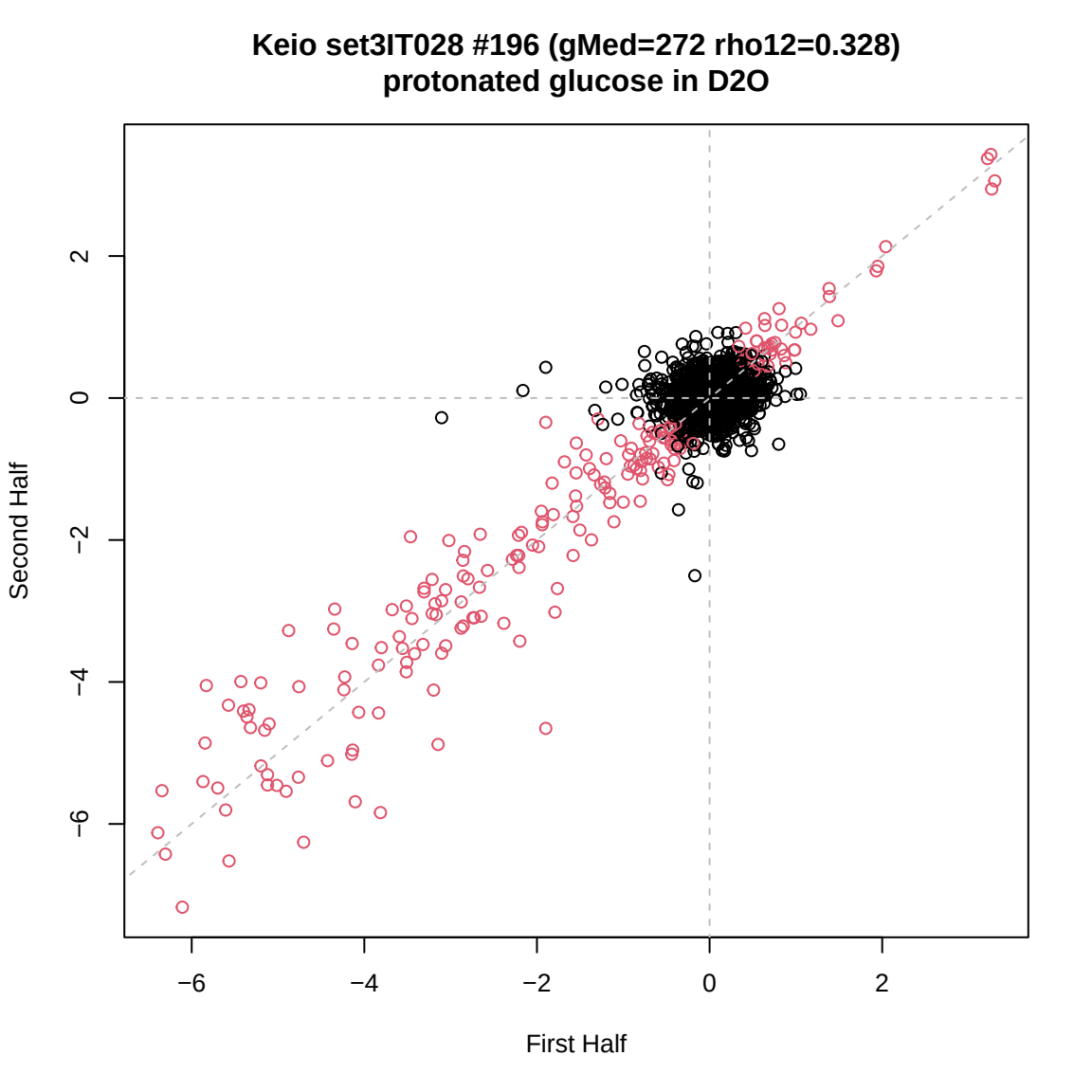

Keio set2IT095 #191 (gMed=105 rho12=0.295)
D−Galacturonic Acid (C) M9
Second Half
First Half
0
−2
−4
−6
−4
−2
0
2

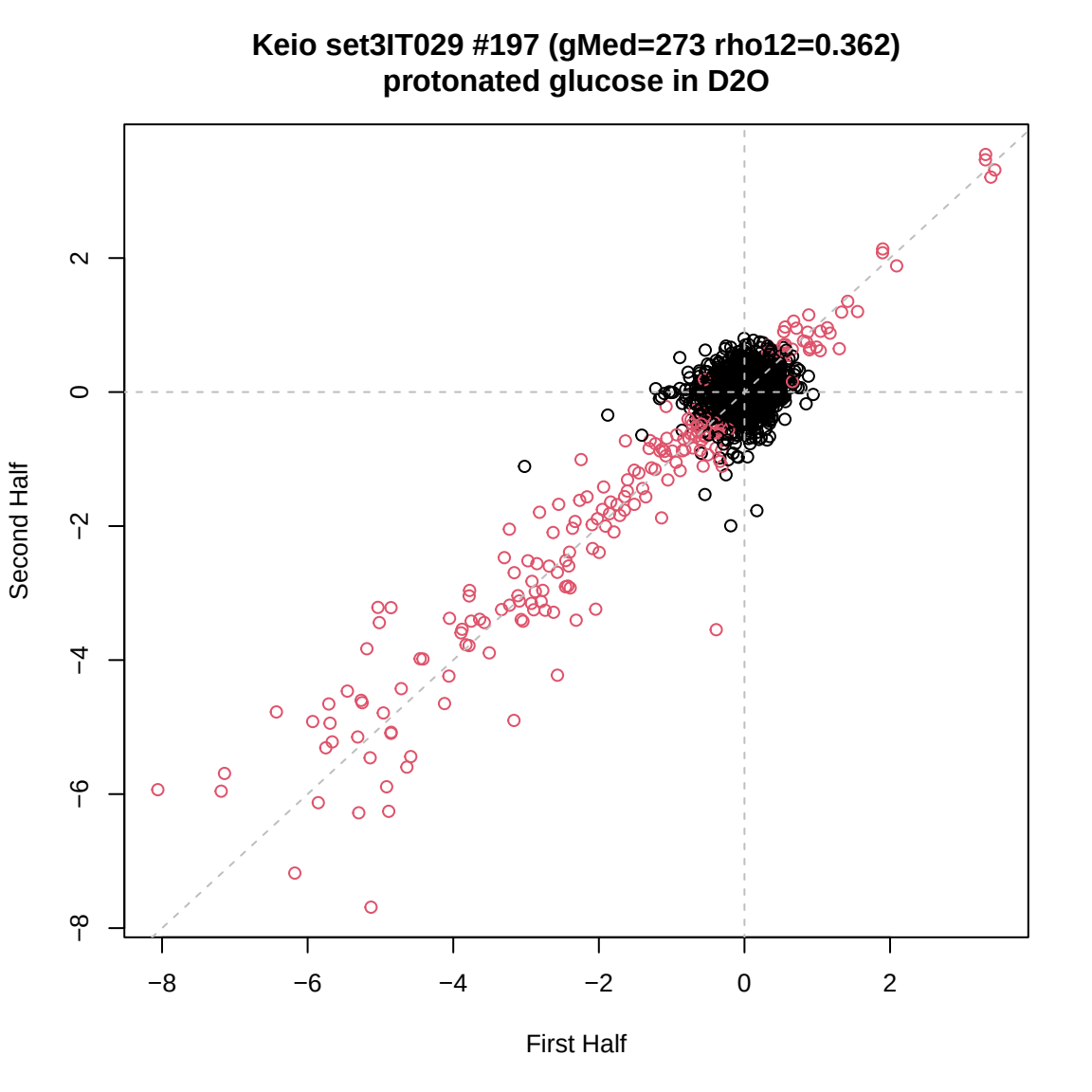

Keio set2IT096 #192 (gMed=108 rho12=0.245)
D−Glucose (C) M9
Second Half
First Half
0
−2
−4
−5
−4
−3
−2
−1
0
1
2

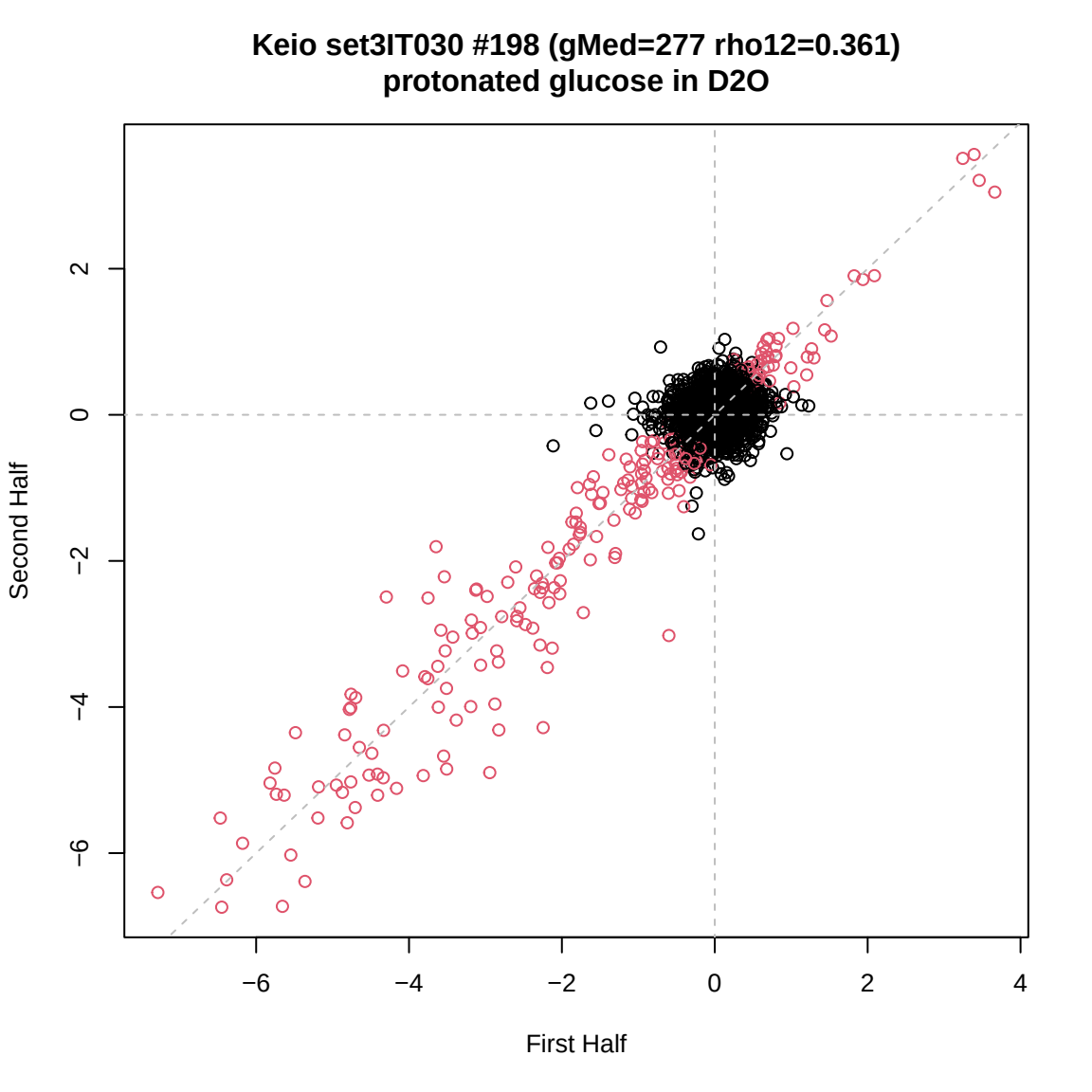

Keio set3IT025 #193 (gMed=247 rho12=0.251)
protonated control
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0
2

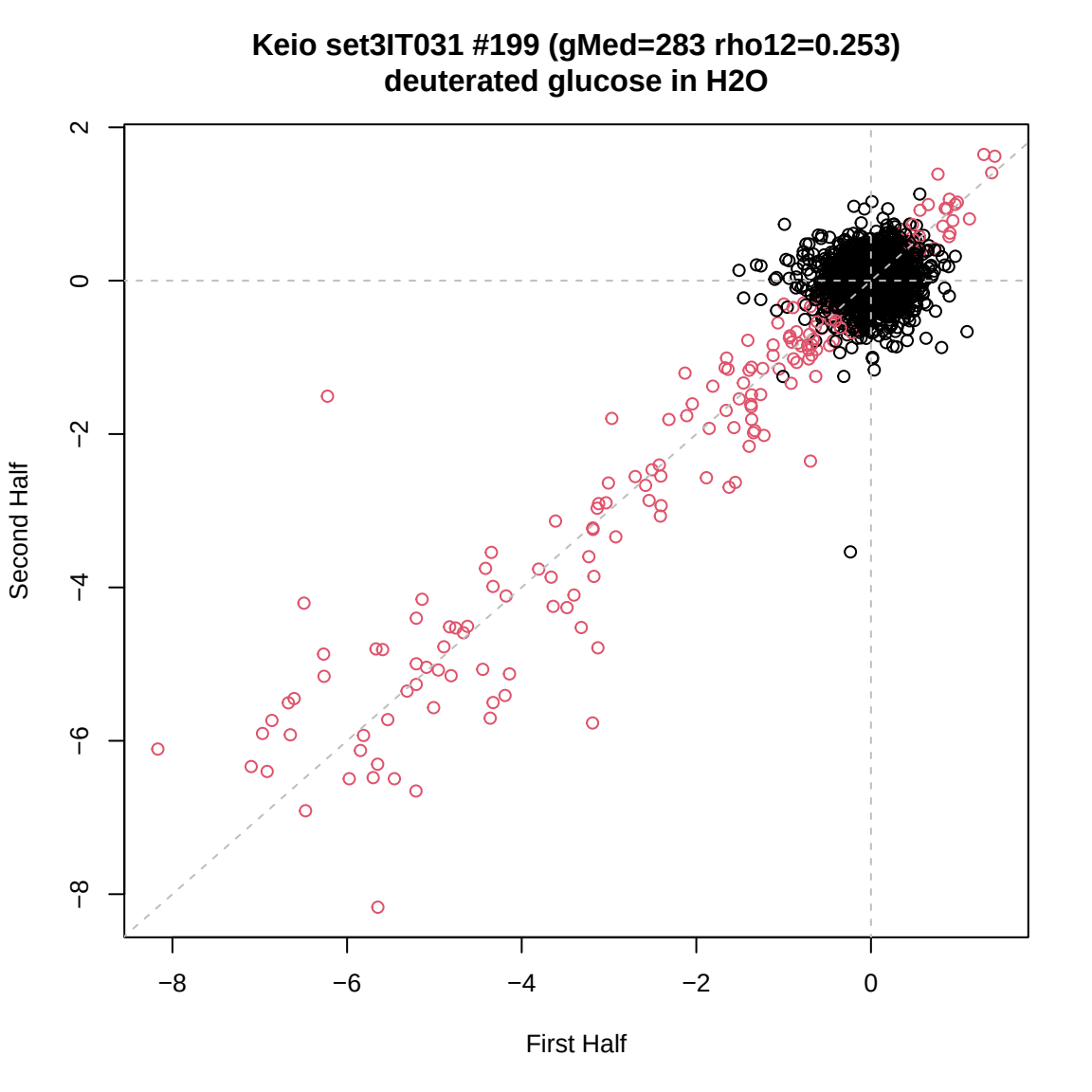

Keio set3IT026 #194 (gMed=274 rho12=0.272)
protonated control
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

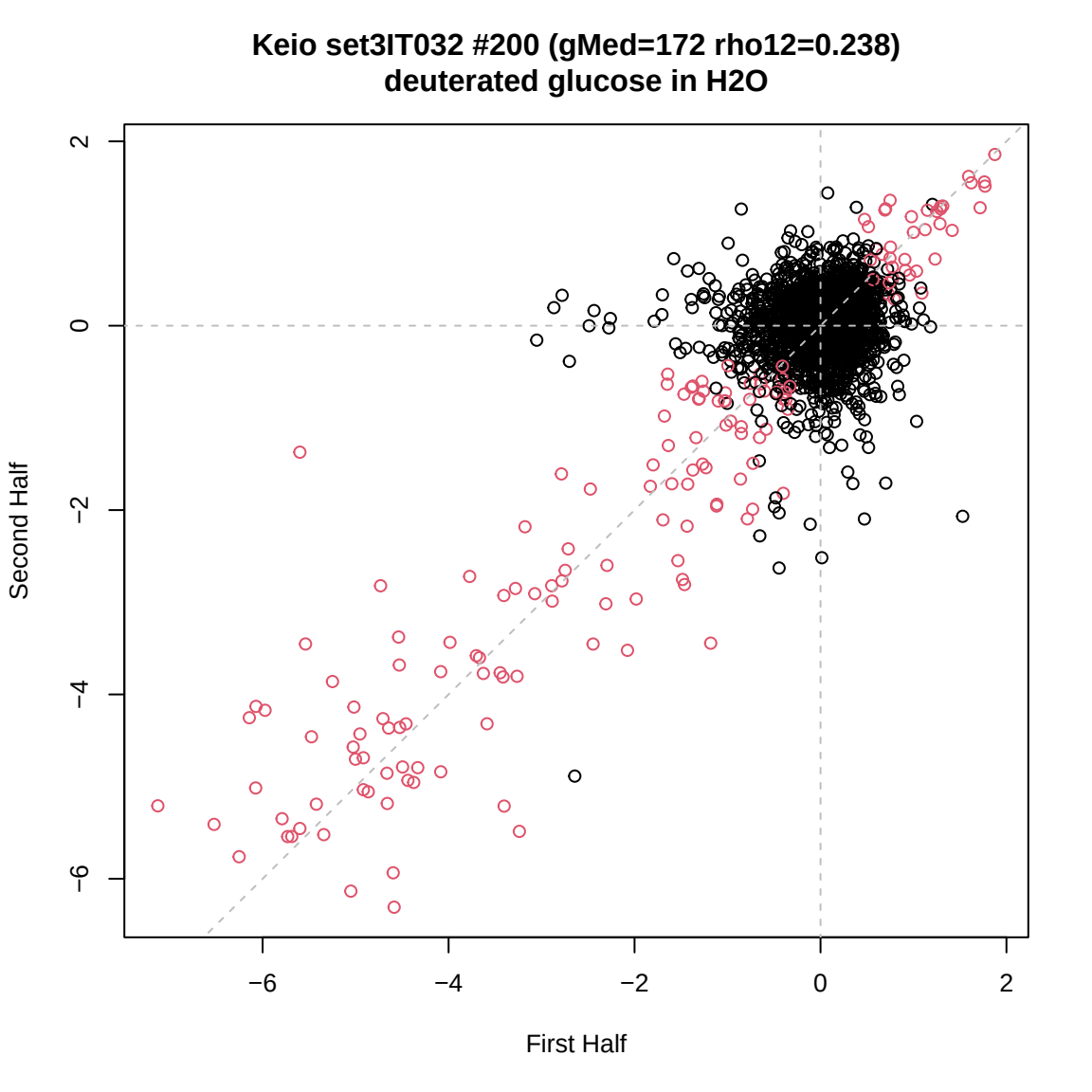

Keio set3IT027 #195 (gMed=282 rho12=0.267)
protonated control
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

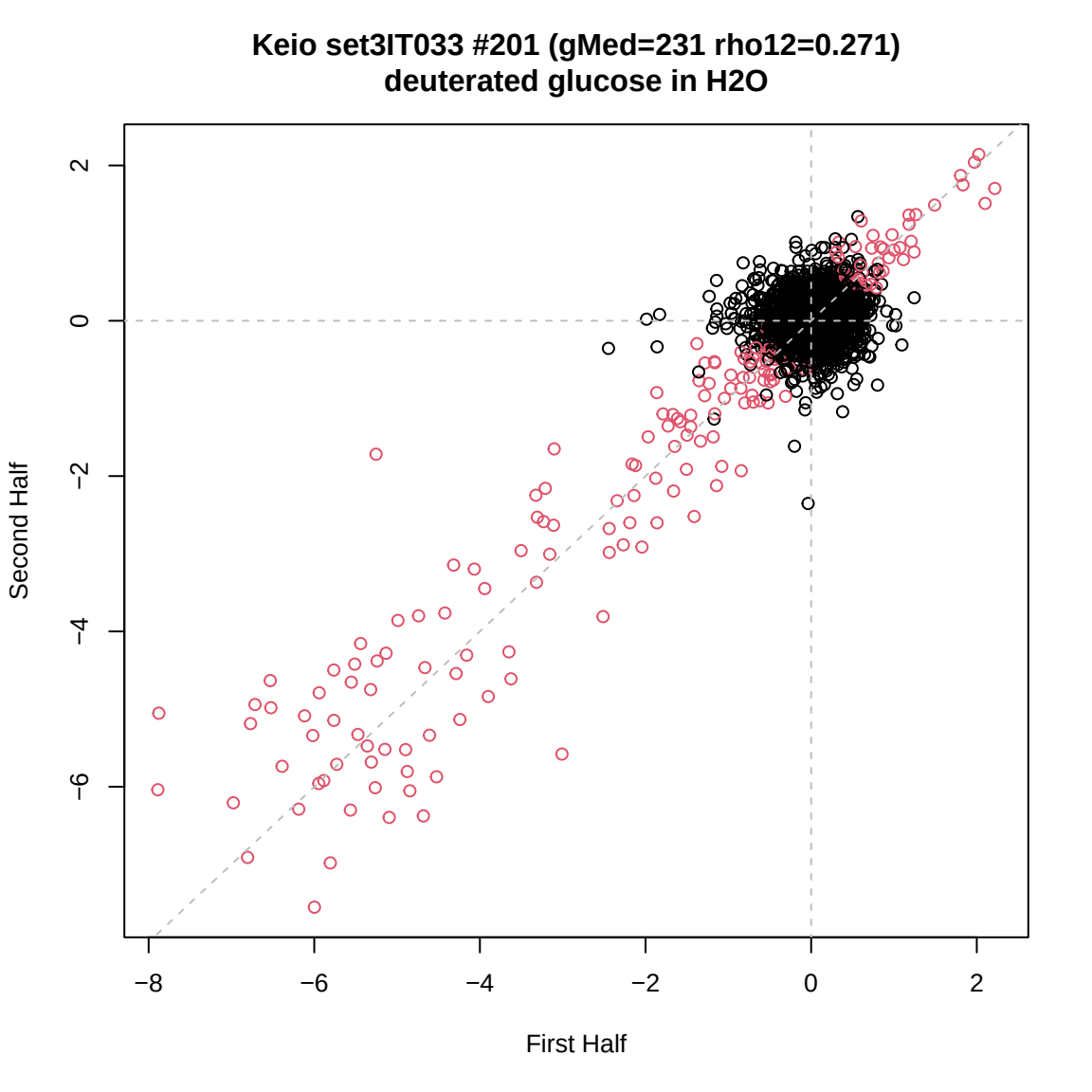

Keio set3IT028 #196 (gMed=272 rho12=0.328)
protonated glucose in D2O
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

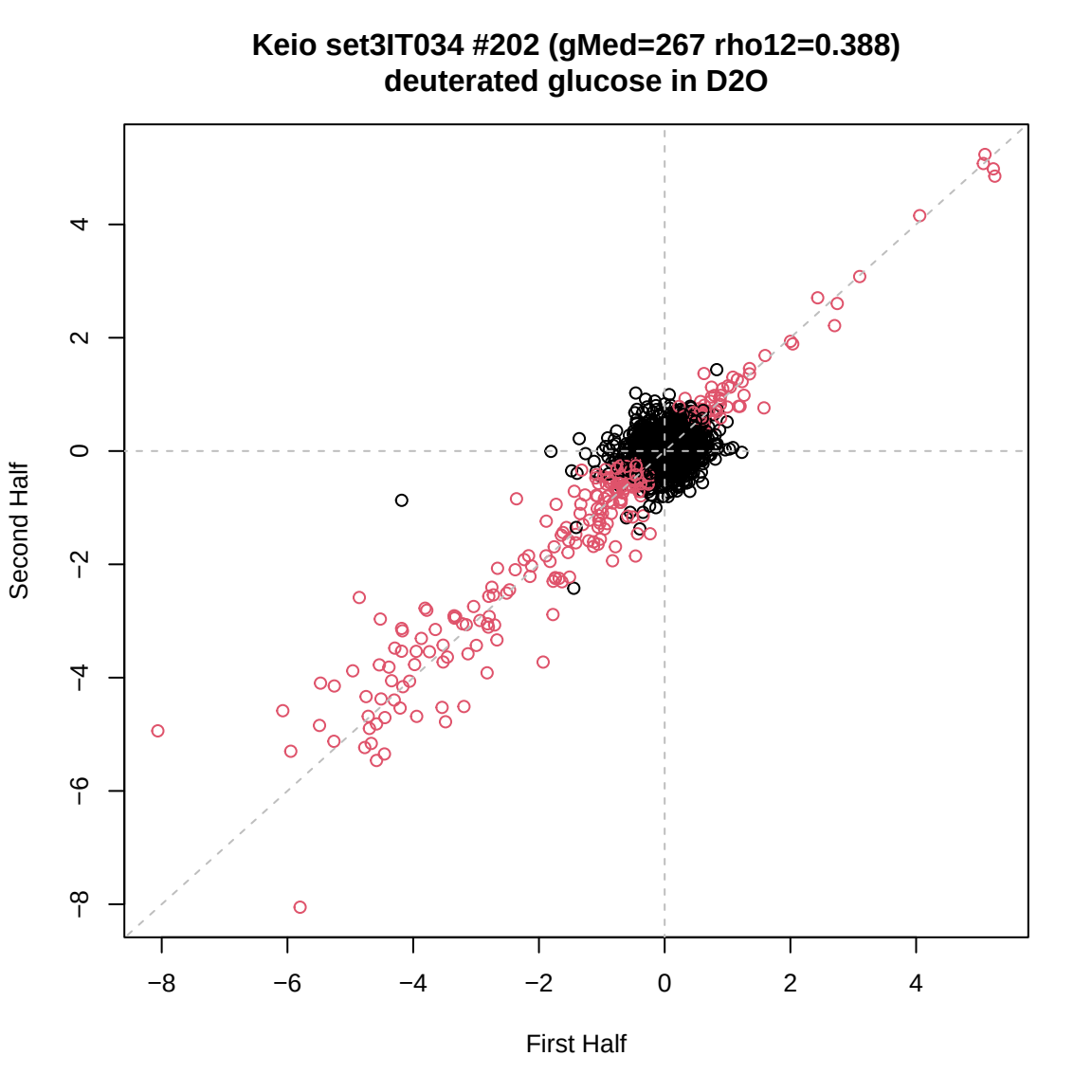

Keio set3IT029 #197 (gMed=273 rho12=0.362)
protonated glucose in D2O
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

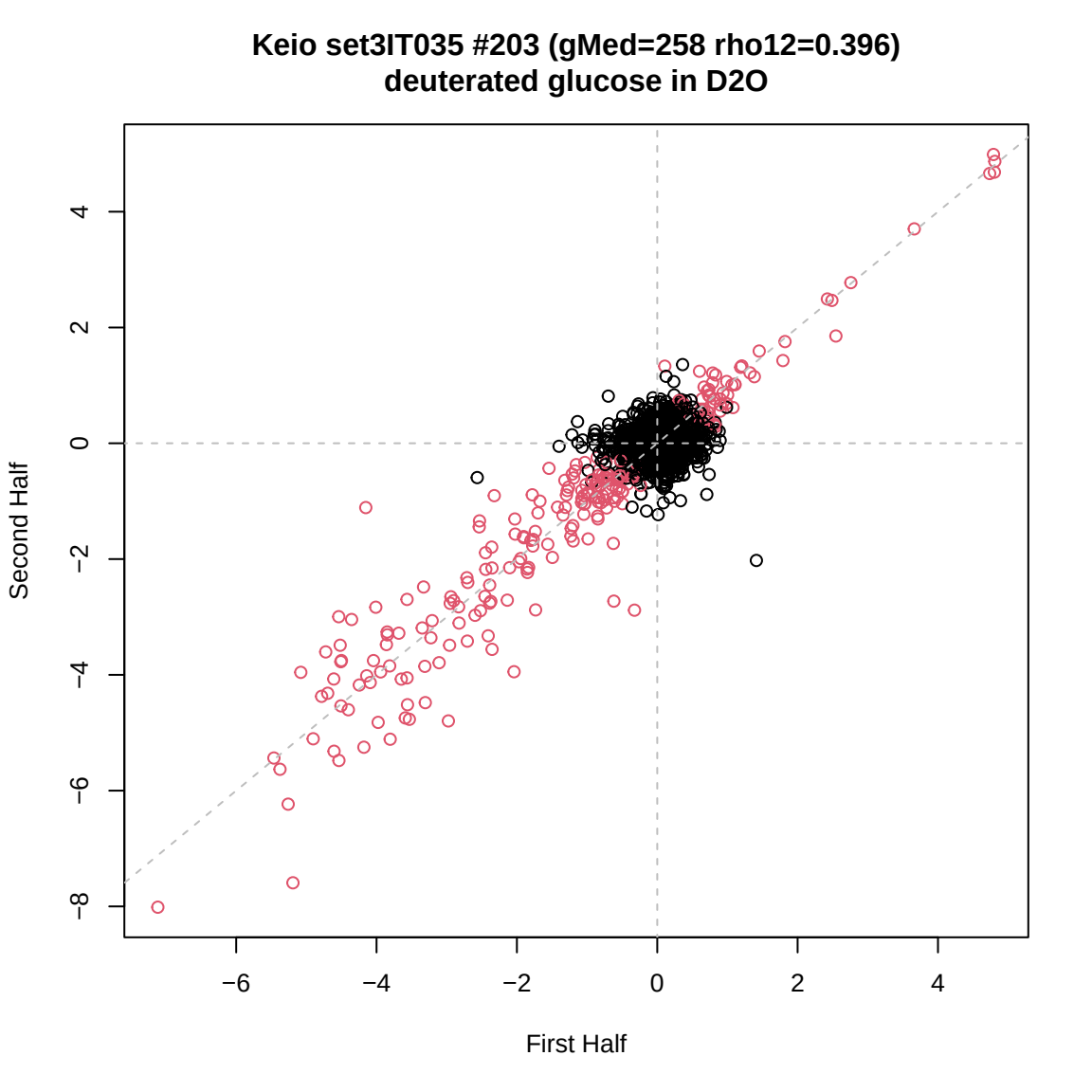

Keio set3IT030 #198 (gMed=277 rho12=0.361)
protonated glucose in D2O
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2
4

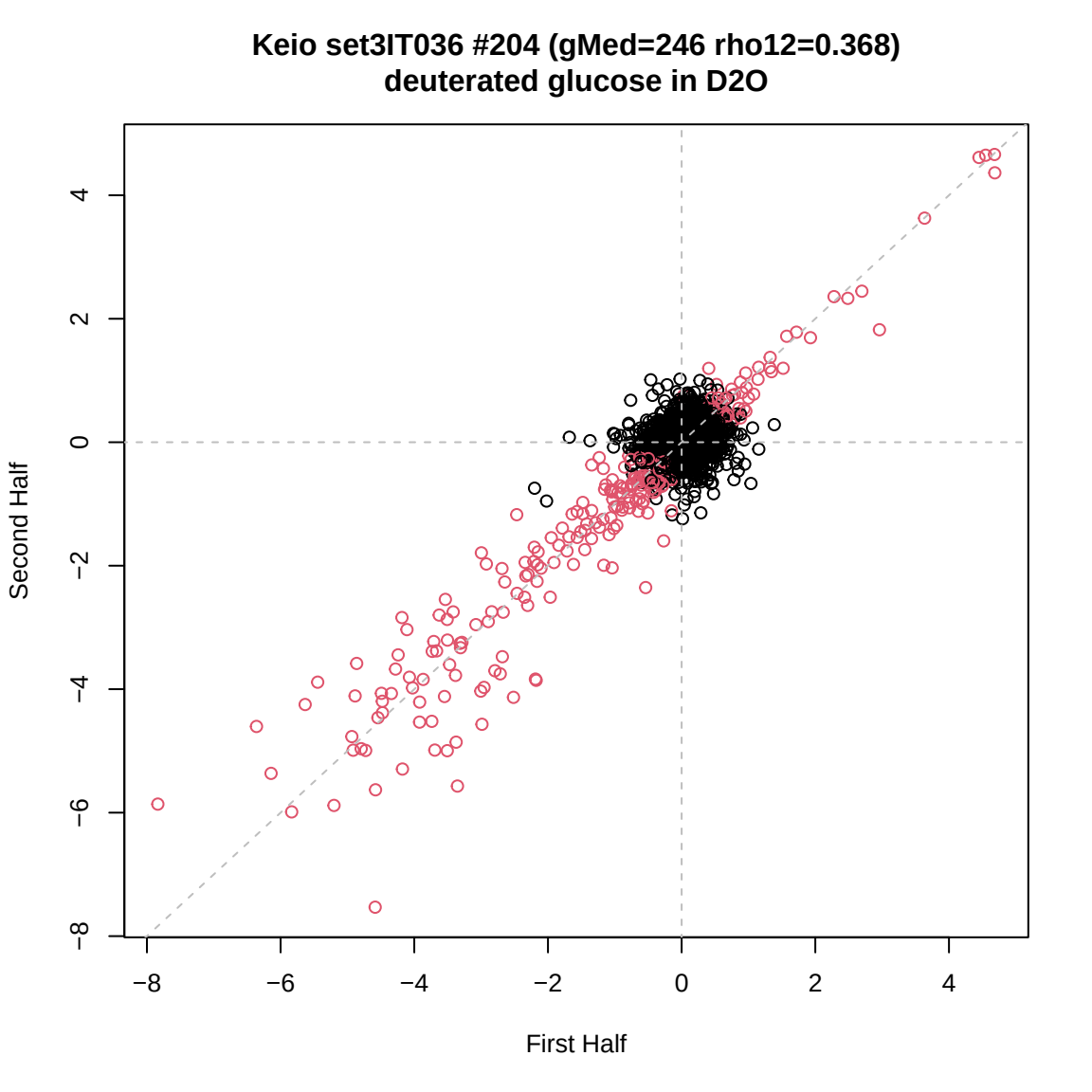

Keio set3IT031 #199 (gMed=283 rho12=0.253)
deuterated glucose in H2O
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0

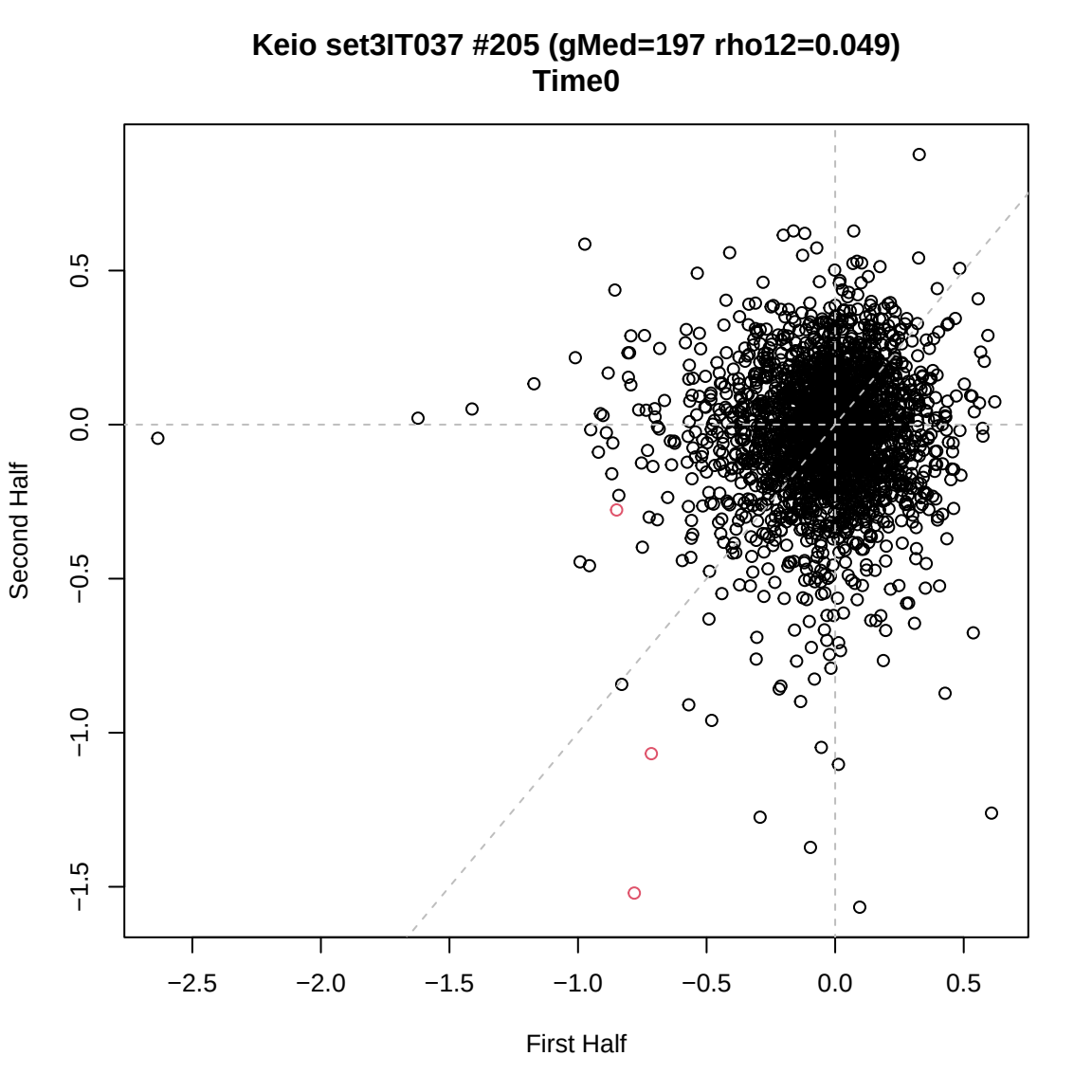

Keio set3IT032 #200 (gMed=172 rho12=0.238)
deuterated glucose in H2O
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

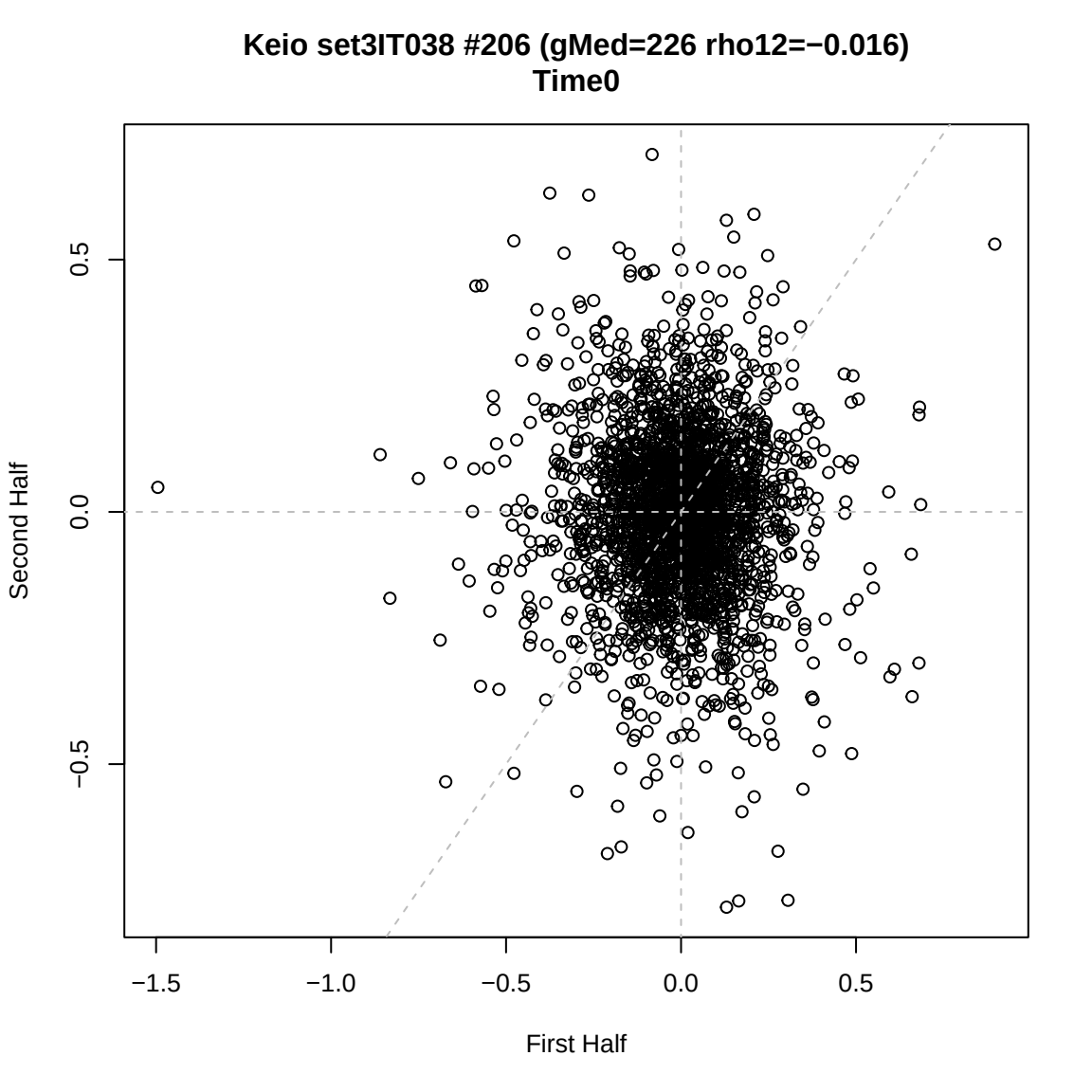

Keio set3IT033 #201 (gMed=231 rho12=0.271)
deuterated glucose in H2O
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

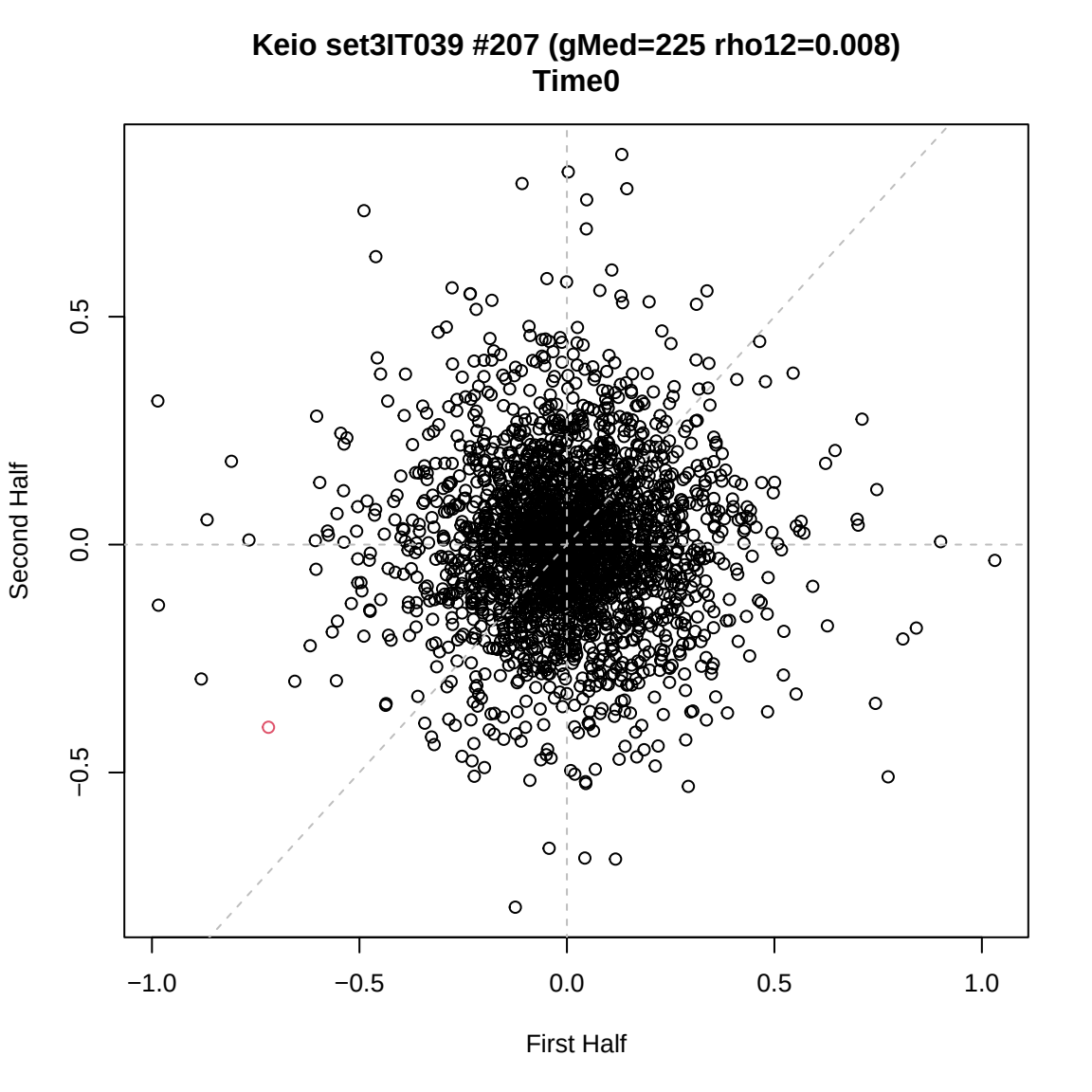

Keio set3IT034 #202 (gMed=267 rho12=0.388)
deuterated glucose in D2O
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

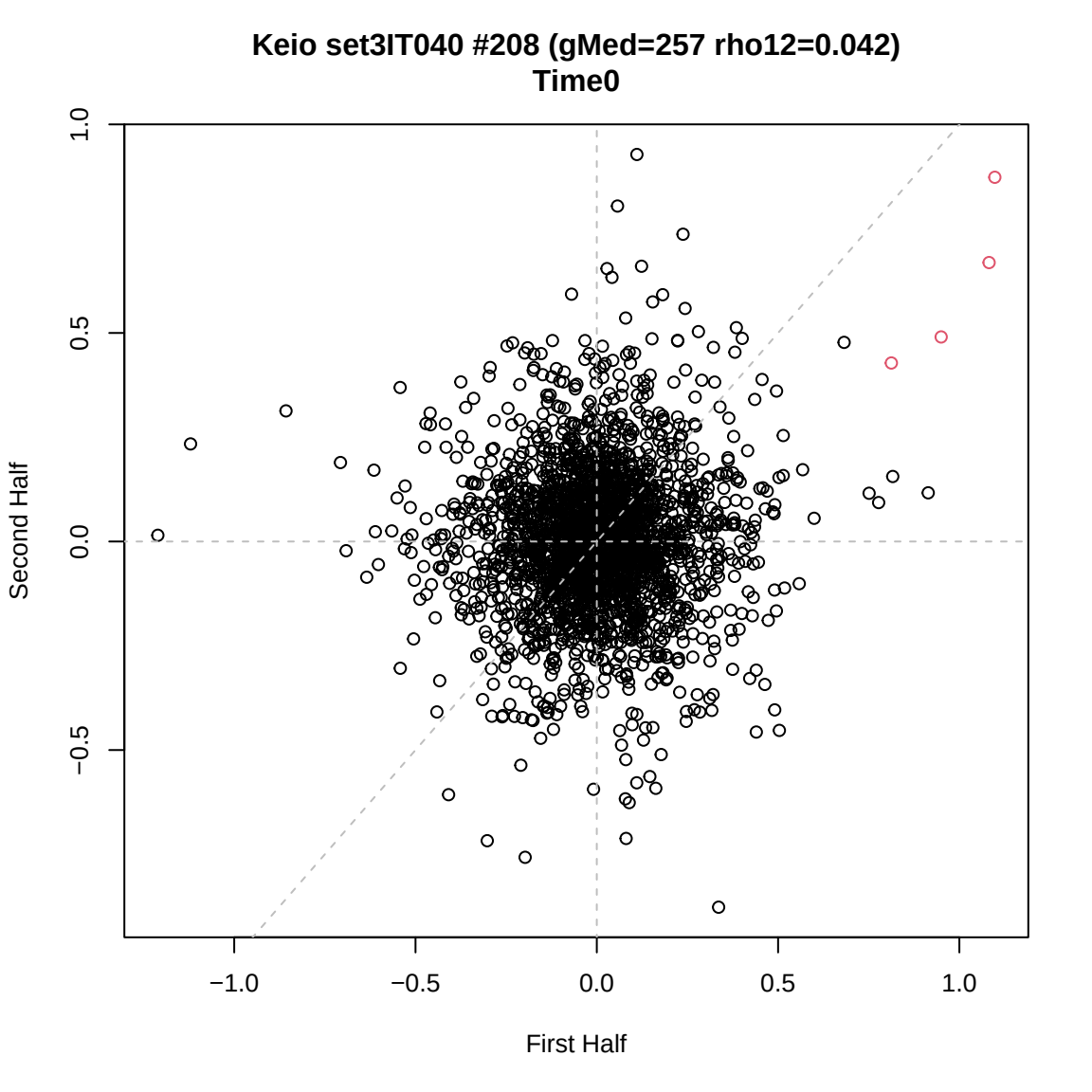

Keio set3IT035 #203 (gMed=258 rho12=0.396)
deuterated glucose in D2O
Second Half
First Half
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4

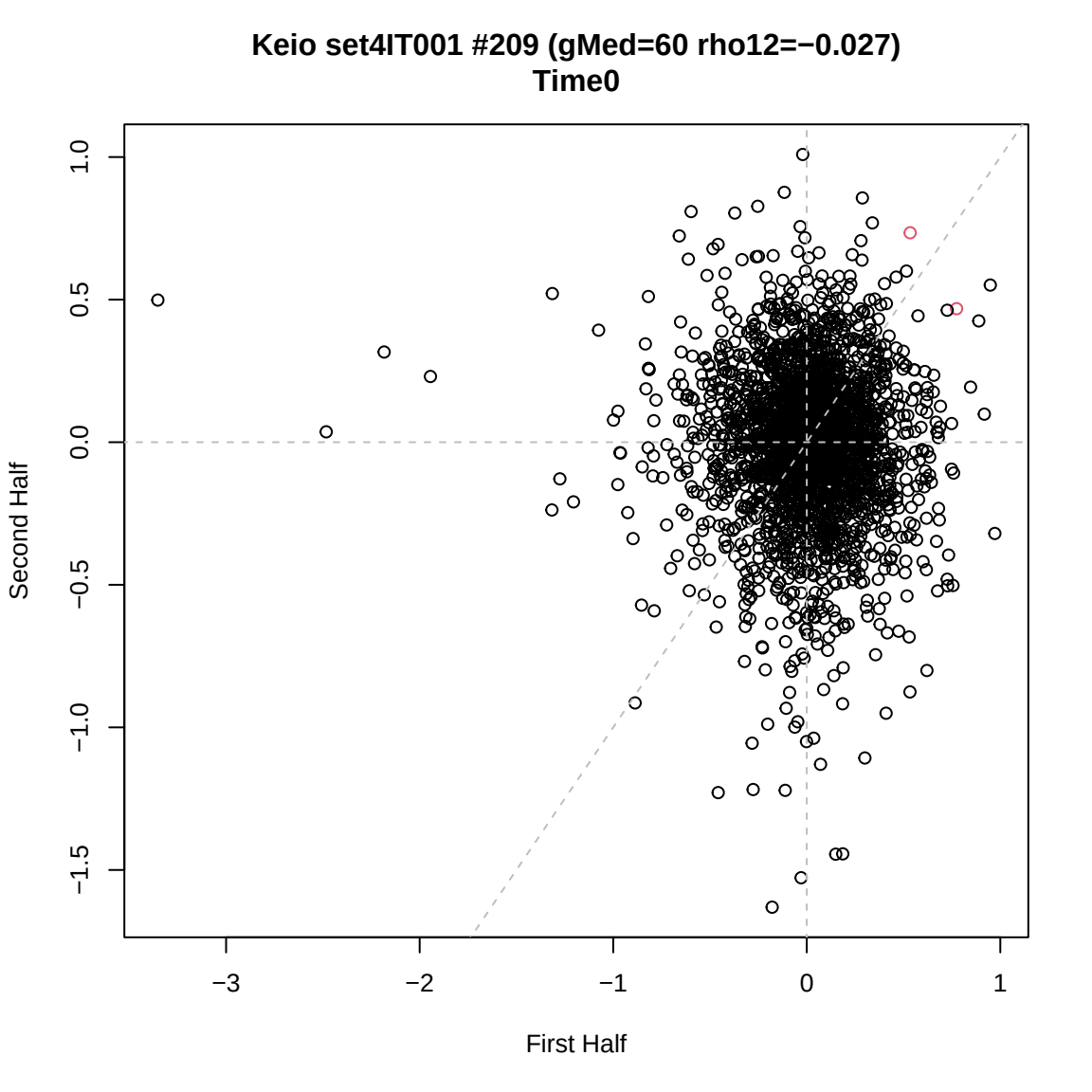

Keio set3IT036 #204 (gMed=246 rho12=0.368)
deuterated glucose in D2O
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

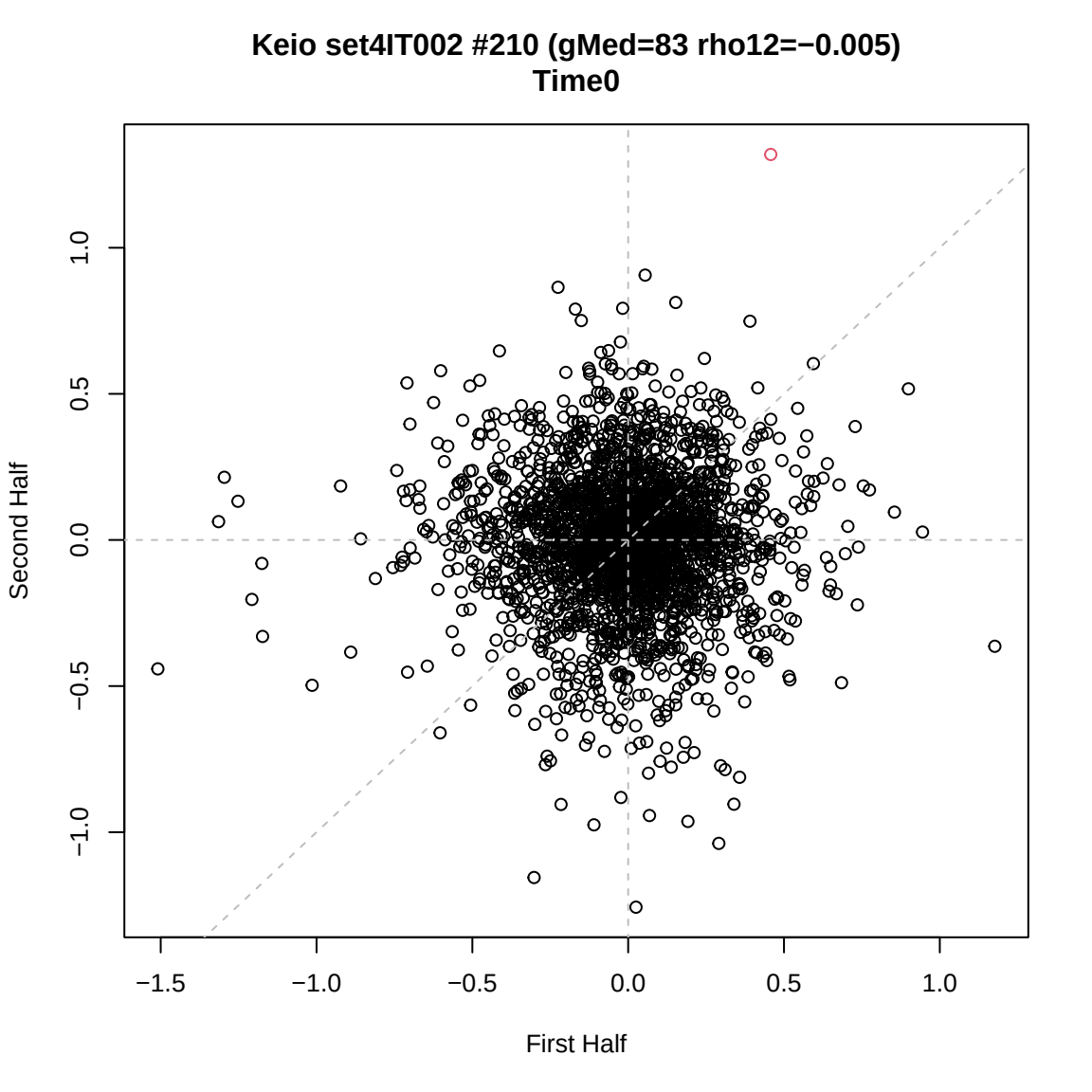

Keio set3IT037 #205 (gMed=197 rho12=0.049)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

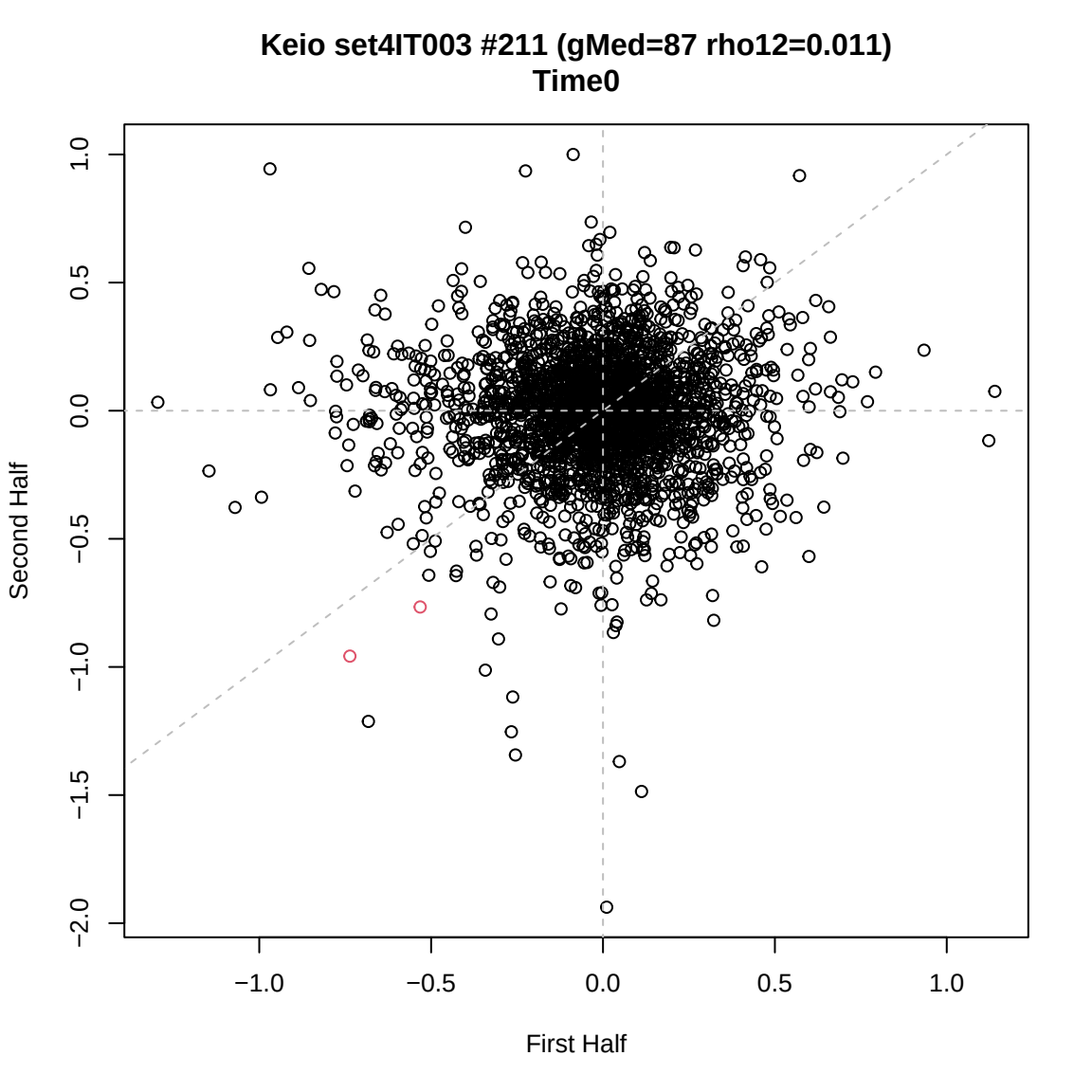

Keio set3IT038 #206 (gMed=226 rho12=−0.016)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5

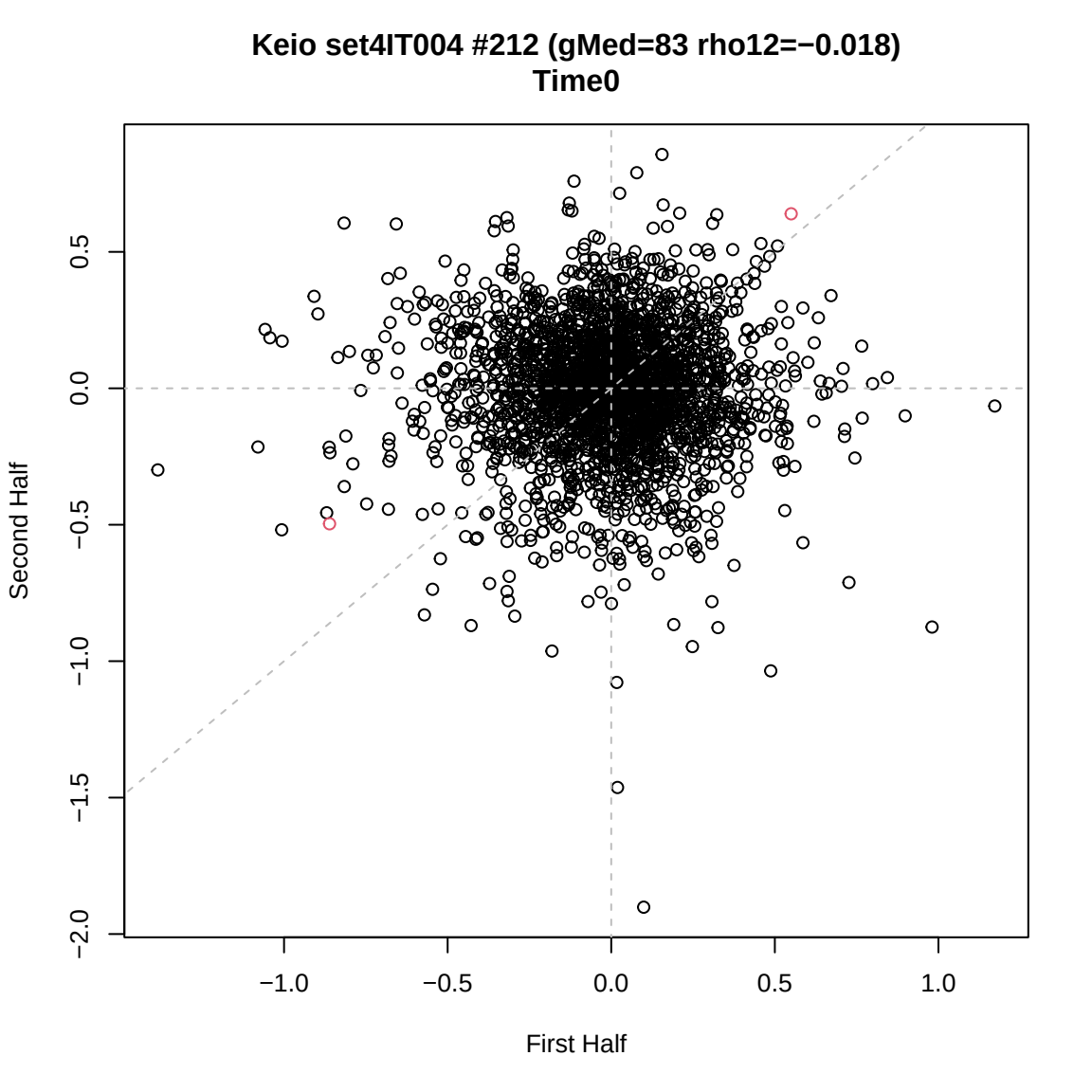

Keio set3IT039 #207 (gMed=225 rho12=0.008)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

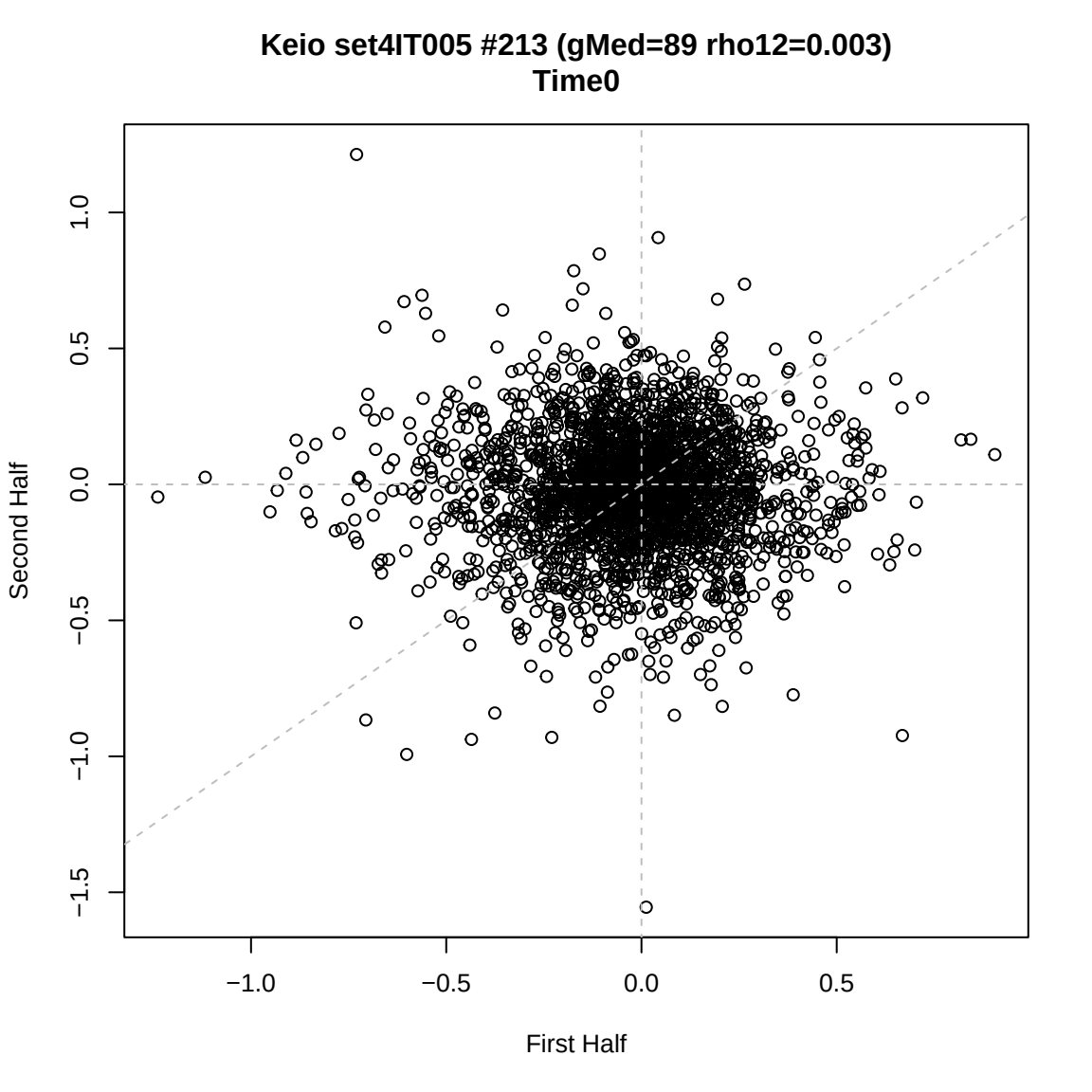

Keio set3IT040 #208 (gMed=257 rho12=0.042)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

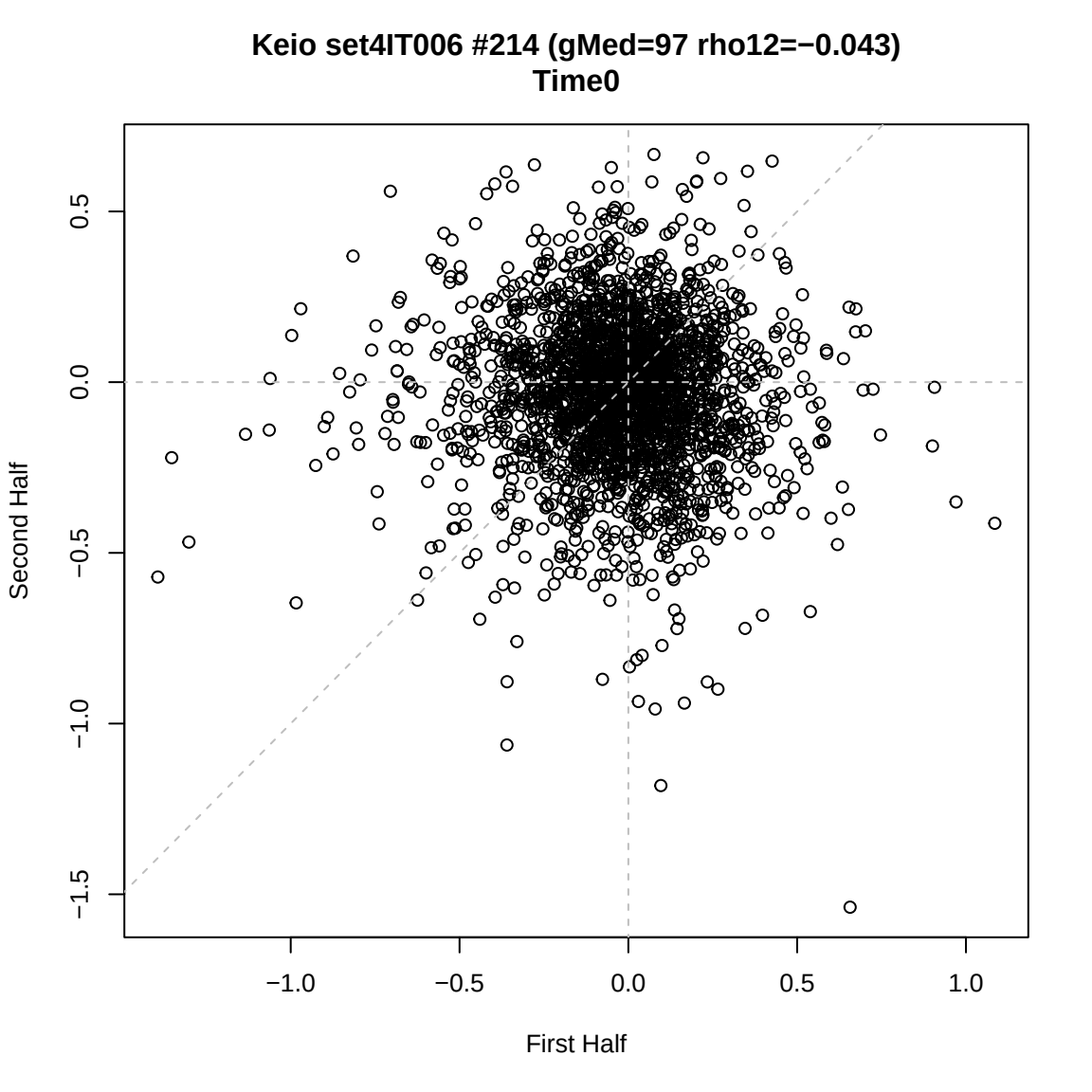

Keio set4IT001 #209 (gMed=60 rho12=−0.027)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

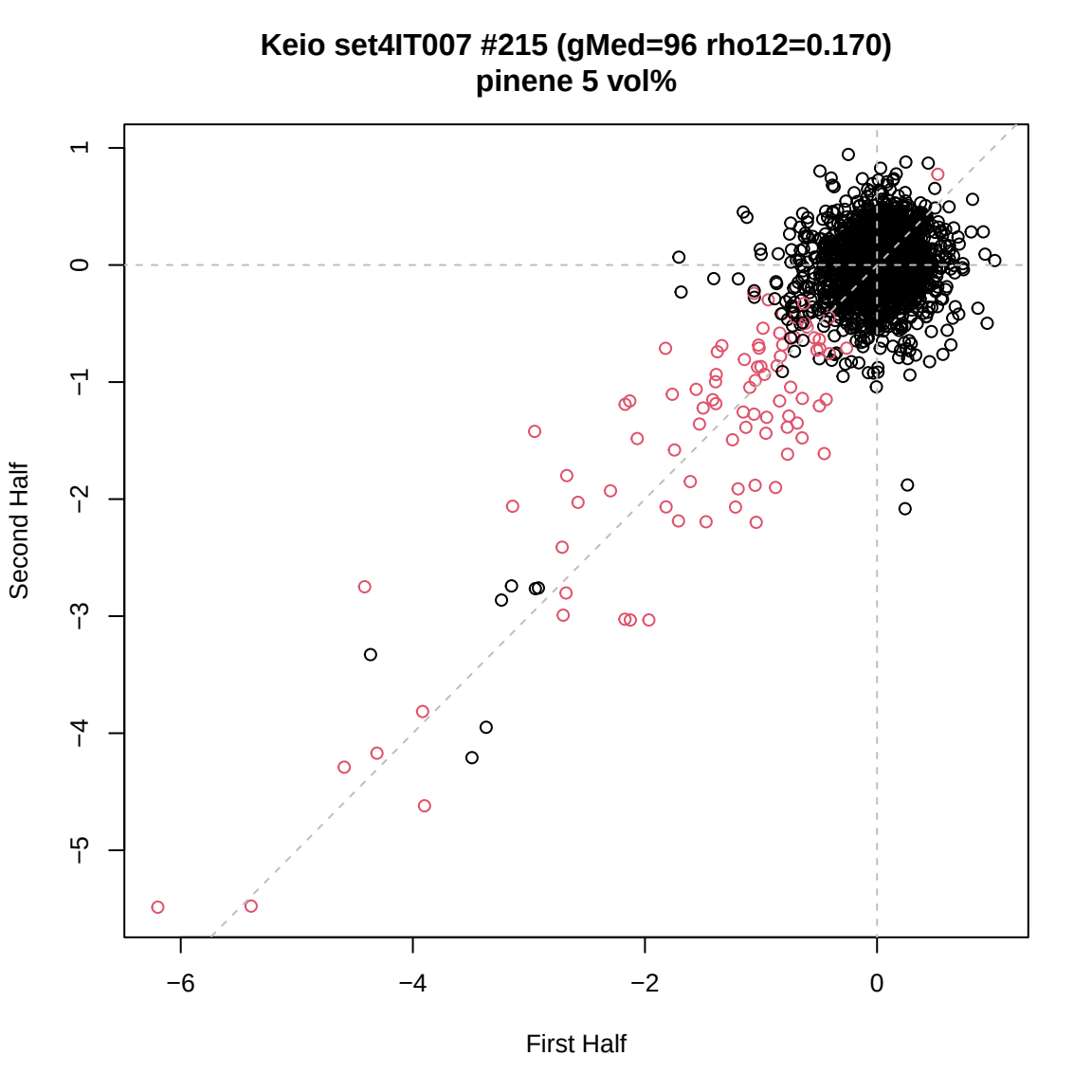

Keio set4IT002 #210 (gMed=83 rho12=−0.005)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

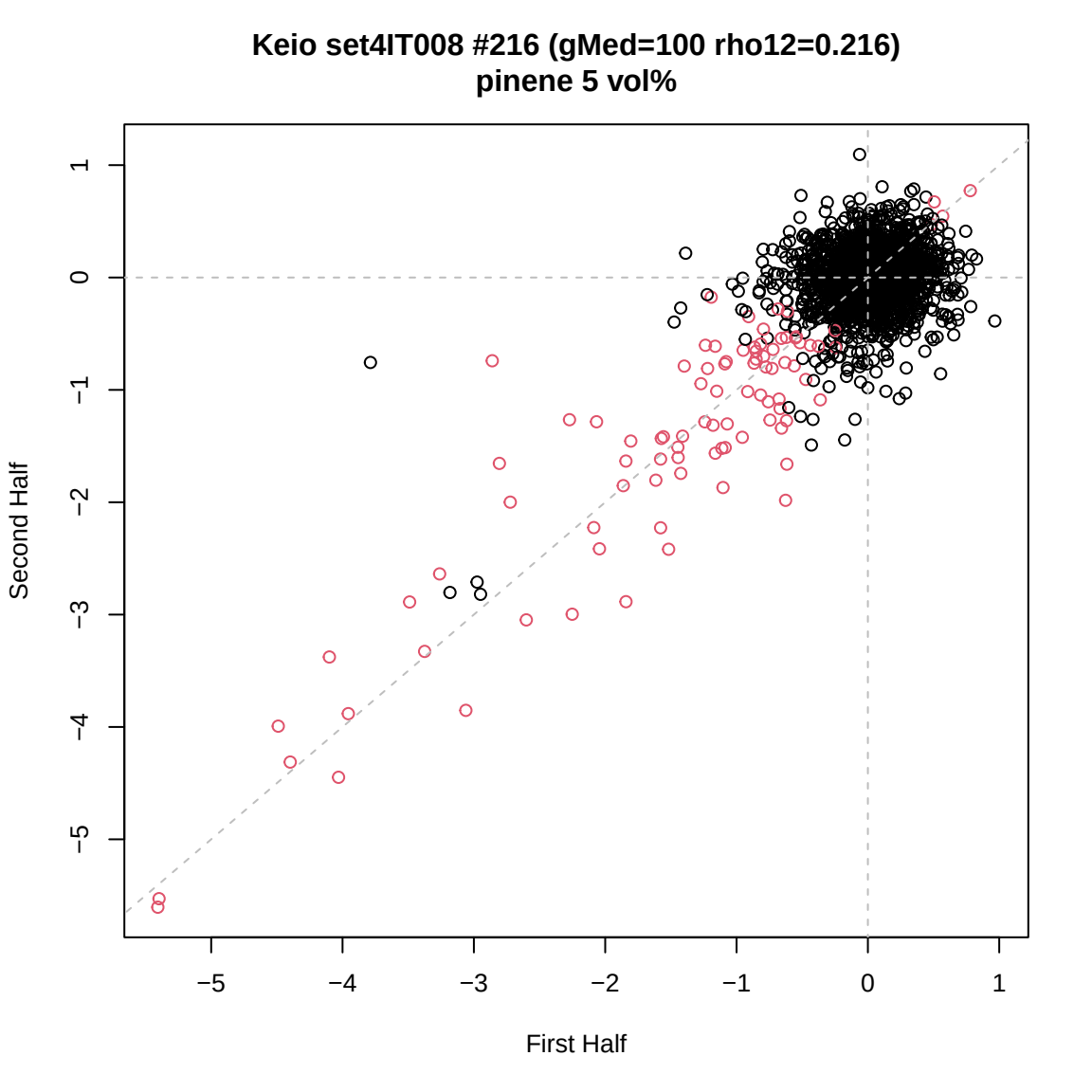

Keio set4IT003 #211 (gMed=87 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

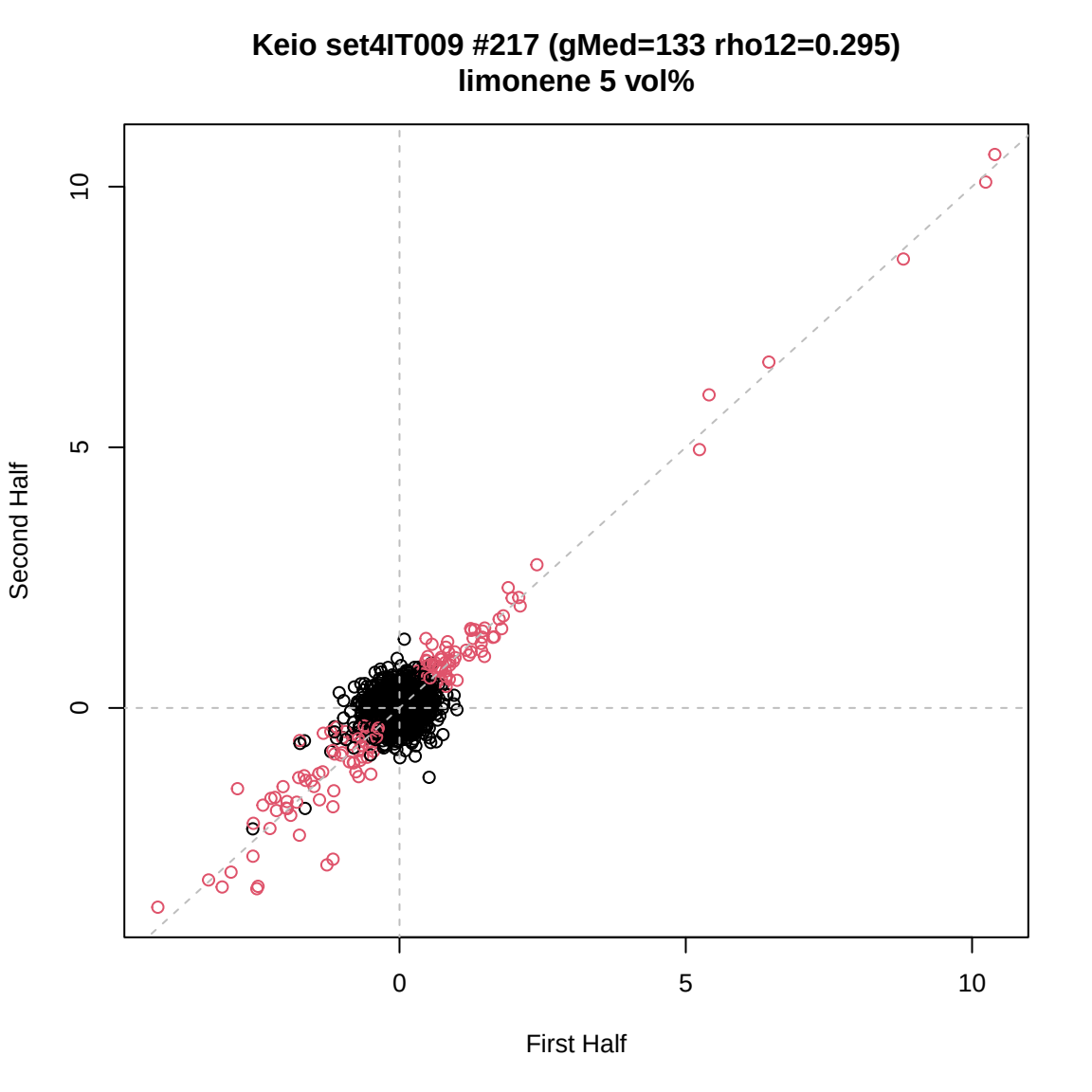

Keio set4IT004 #212 (gMed=83 rho12=−0.018)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

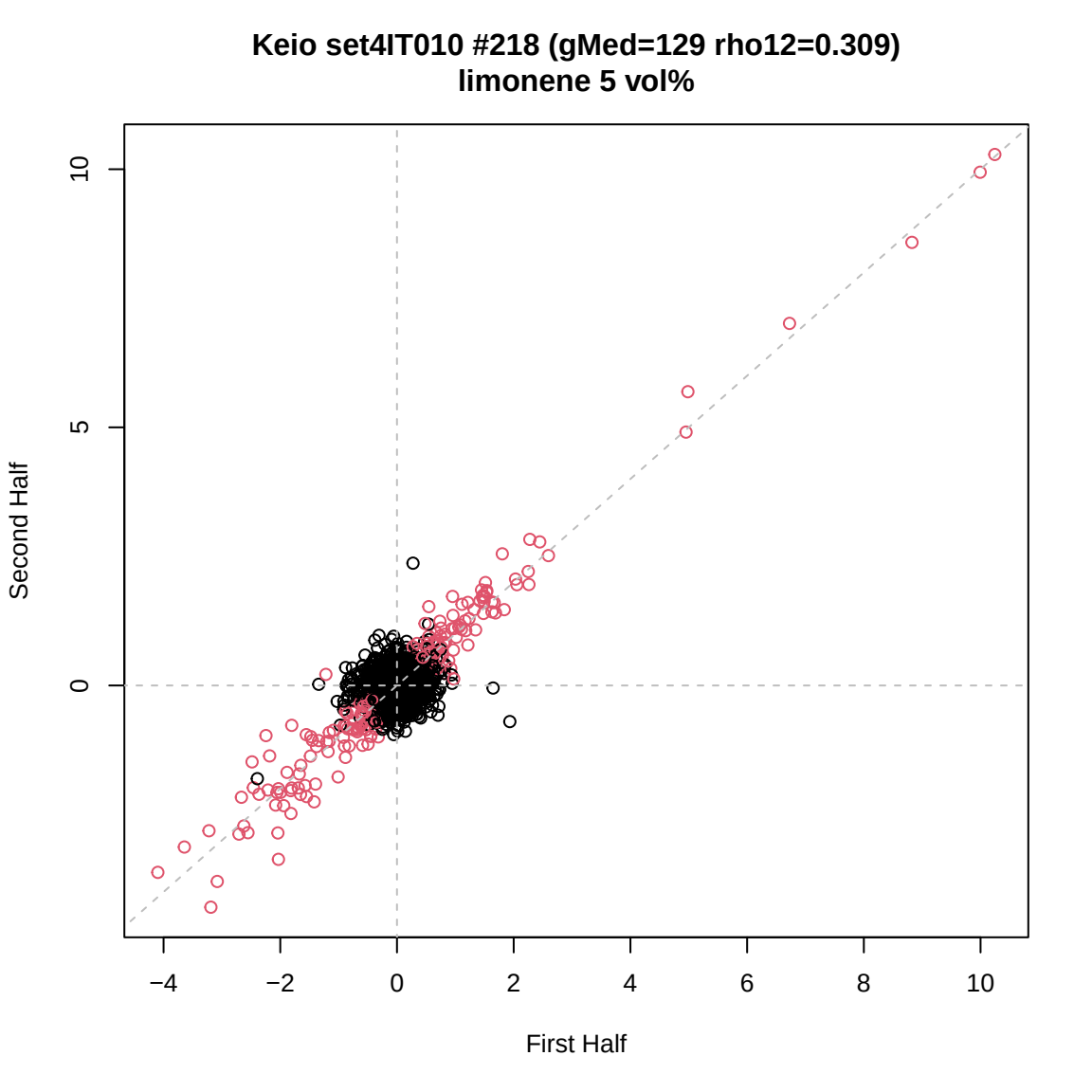

Keio set4IT005 #213 (gMed=89 rho12=0.003)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

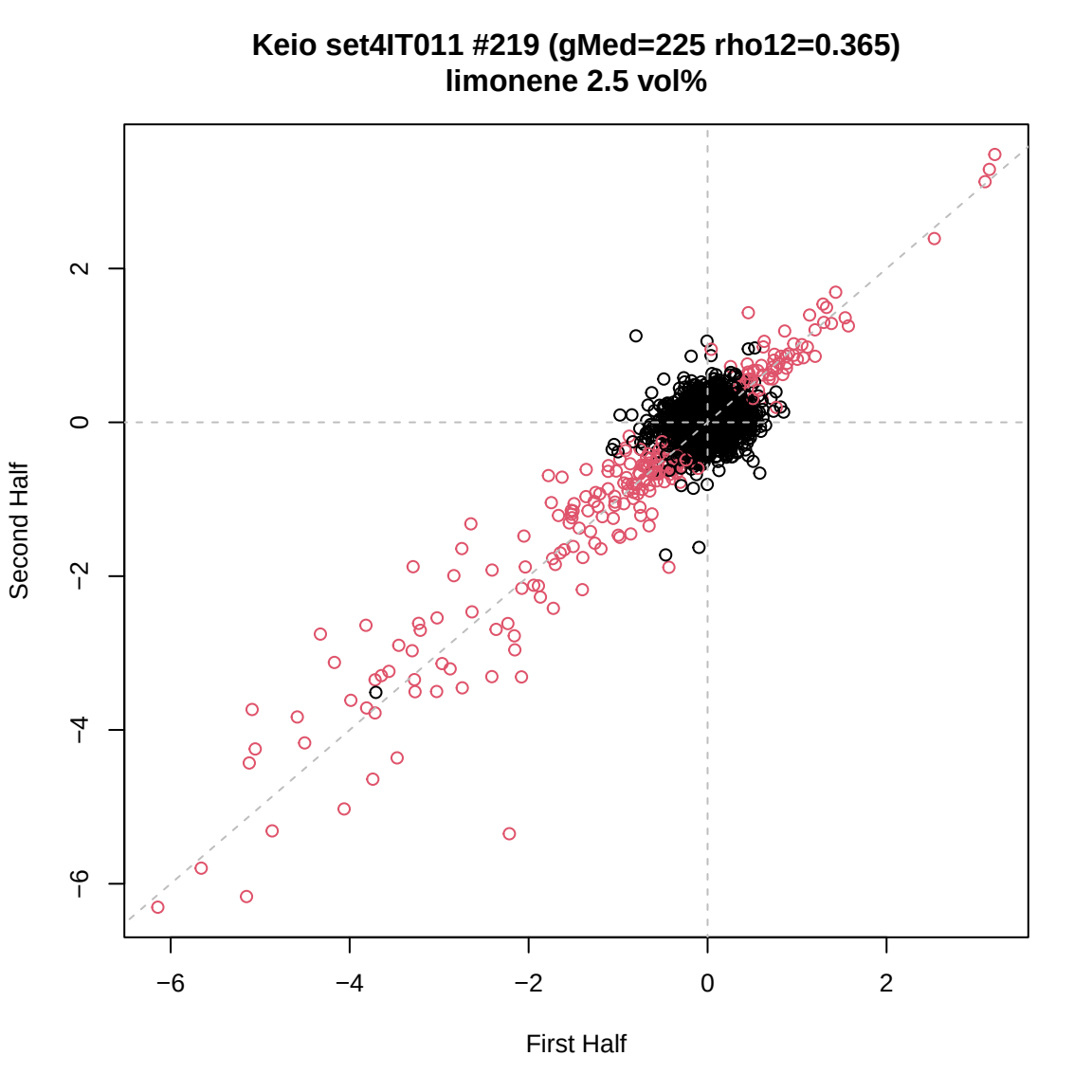

Keio set4IT006 #214 (gMed=97 rho12=−0.043)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

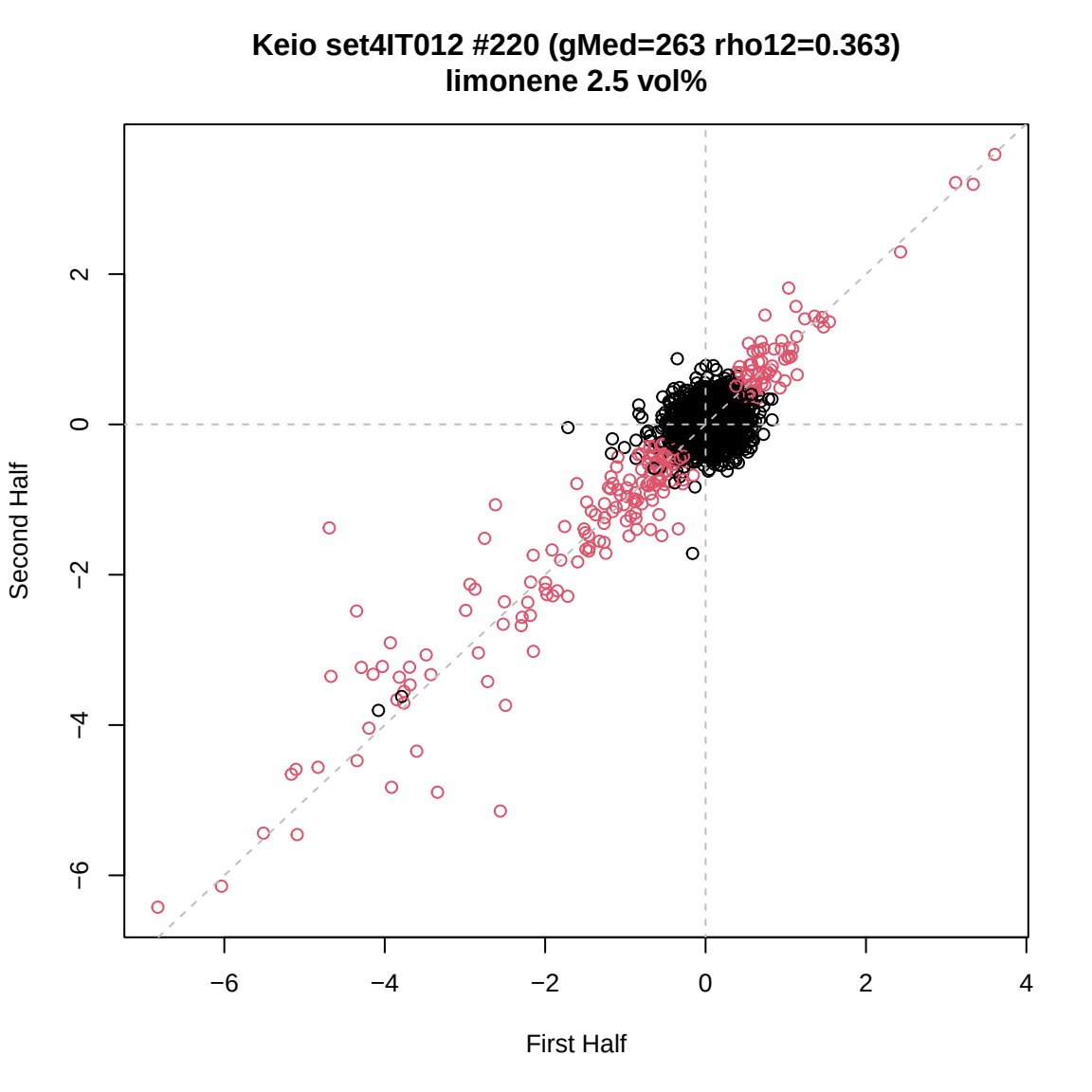

Keio set4IT007 #215 (gMed=96 rho12=0.170)
pinene 5 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

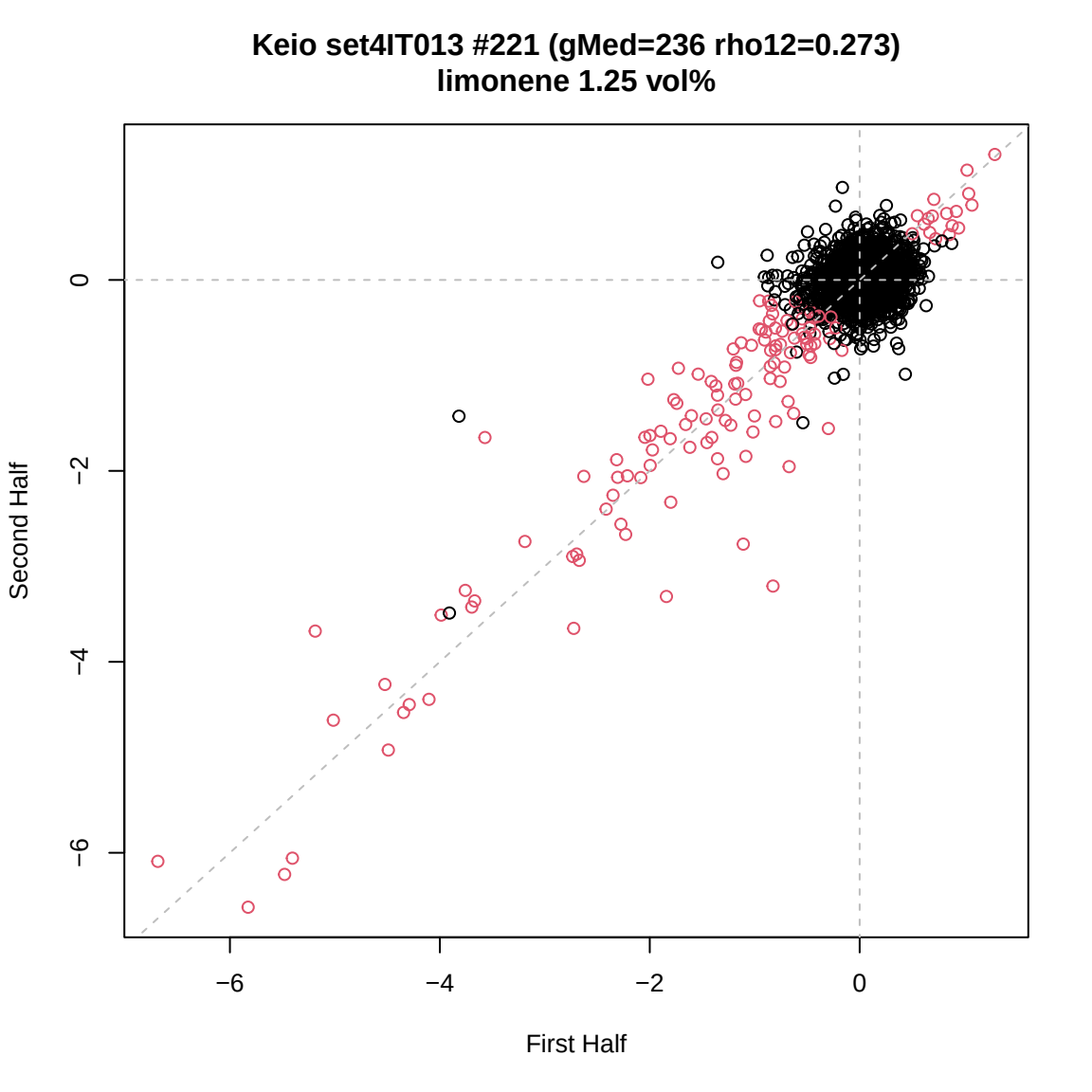

Keio set4IT008 #216 (gMed=100 rho12=0.216)
pinene 5 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

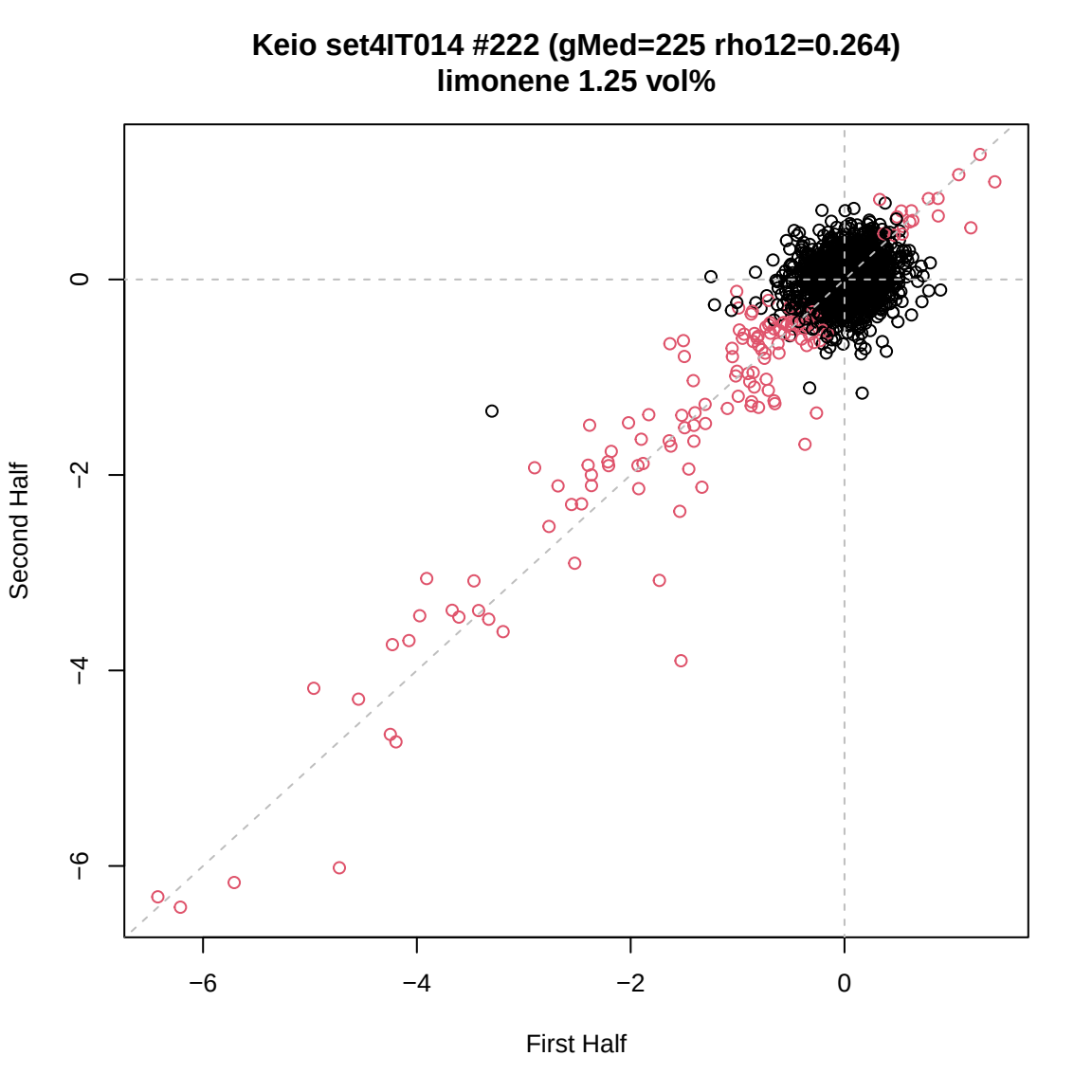

Keio set4lT009 #217 (gMed=133 rho12=0.295)
limonene 5 vol%
Second Half
First Half
0
5
10
0
5
10

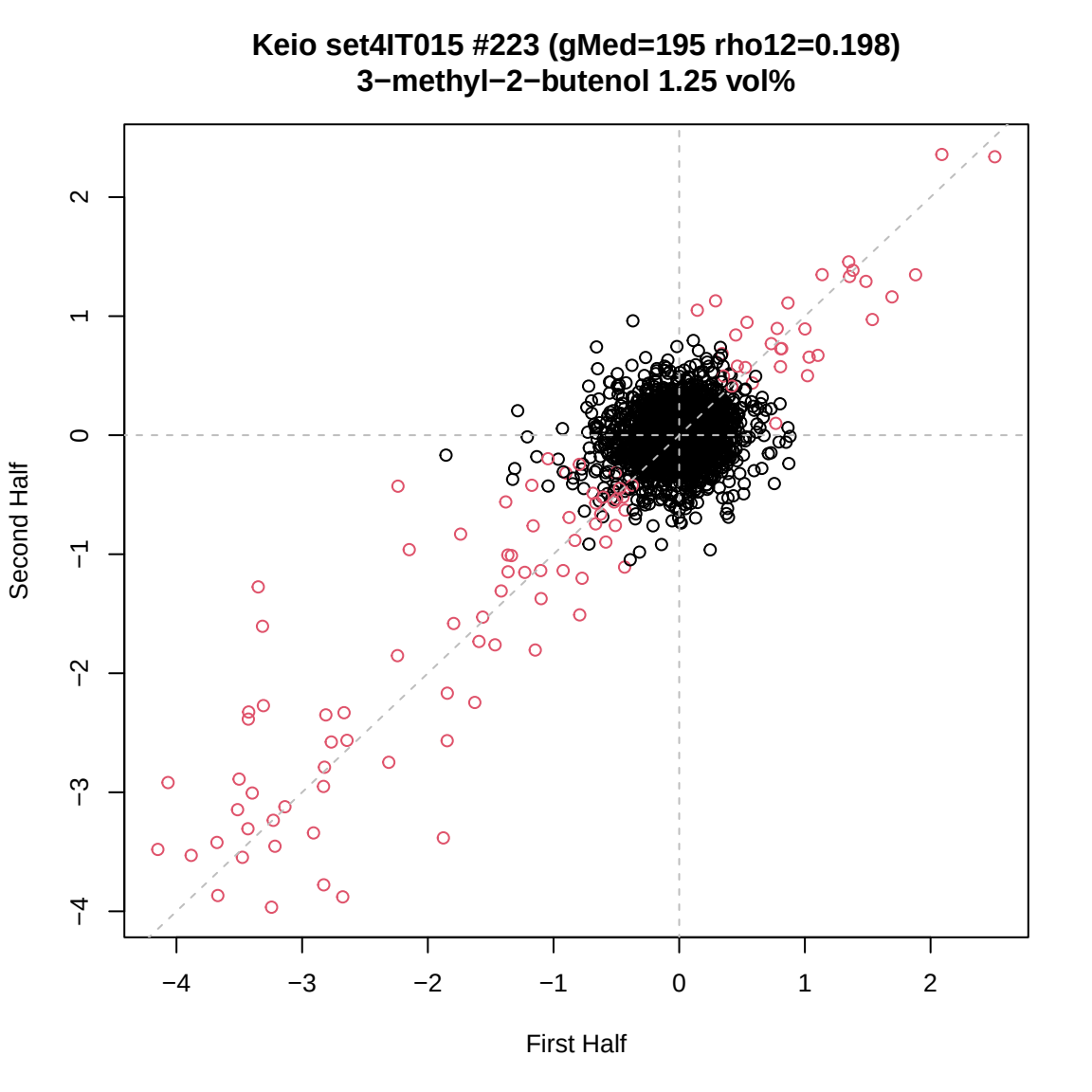

Keio set4IT010 #218 (gMed=129 rho12=0.309)
limonene 5 vol%
Second Half
First Half
10
5
0
−4
−2
0
2
4
6
8
10

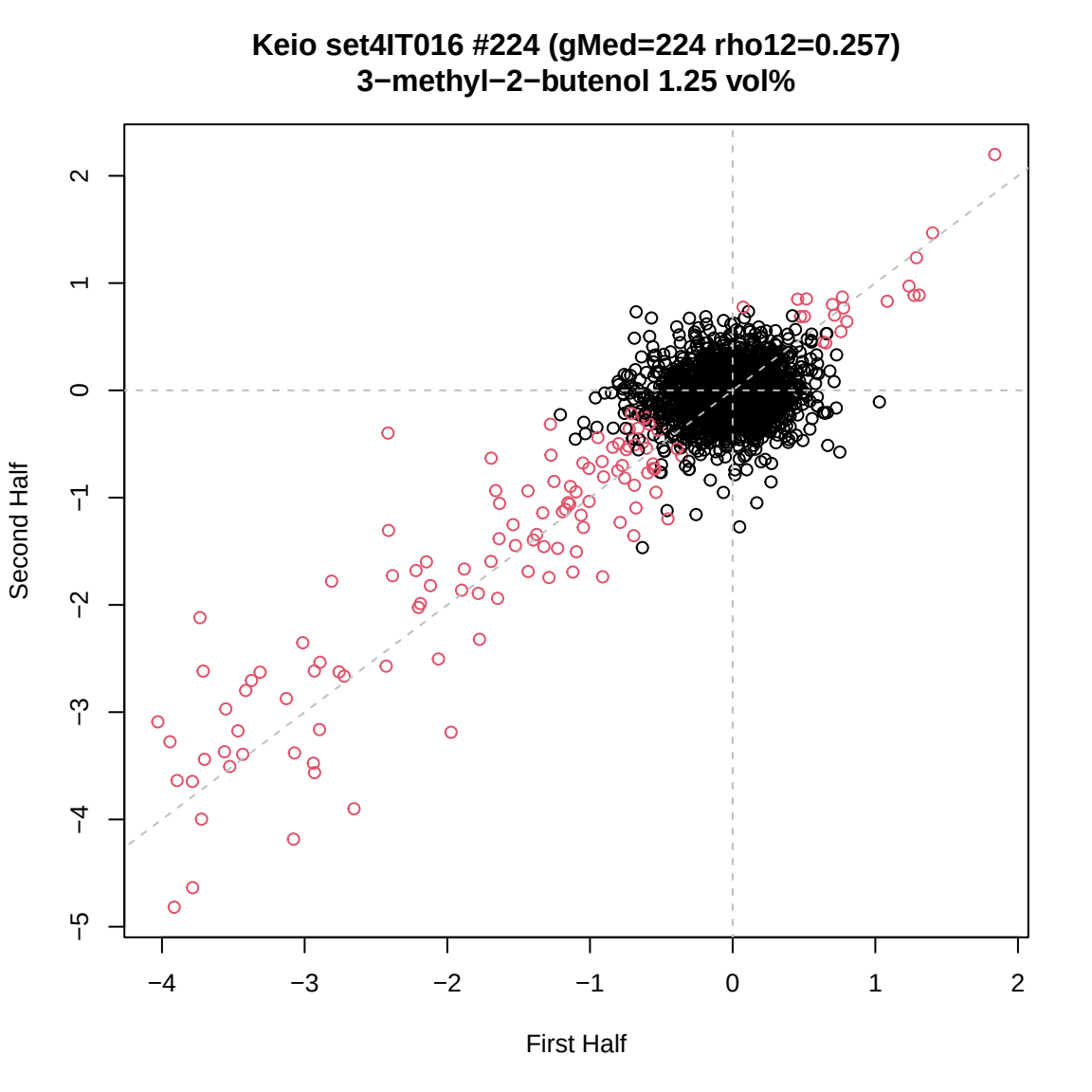

Keio set4lT011 #219 (gMed=225 rho12=0.365)
limonene 2.5 vol%
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

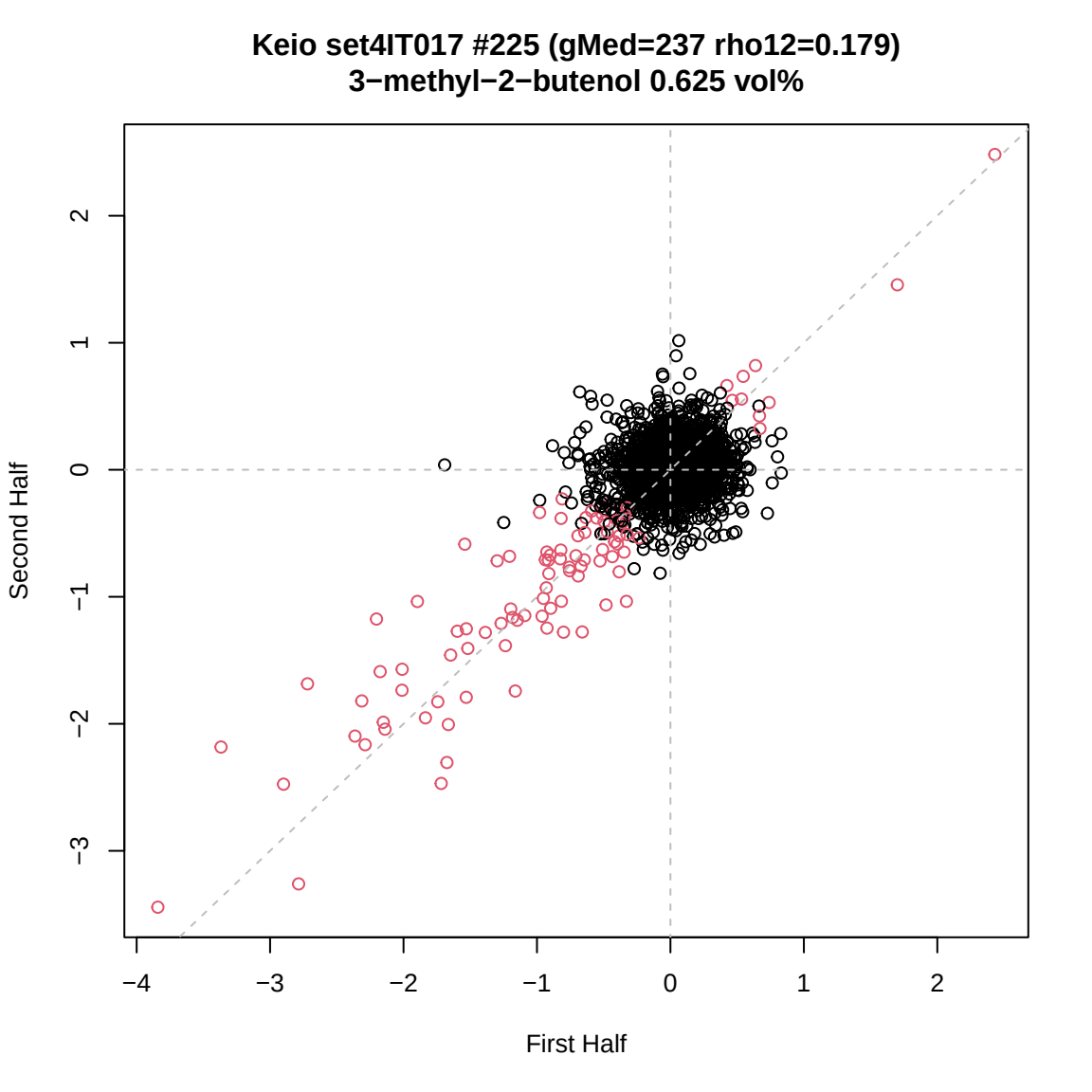

Keio set4IT012 #220 (gMed=263 rho12=0.363)
limonene 2.5 vol%
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2
4

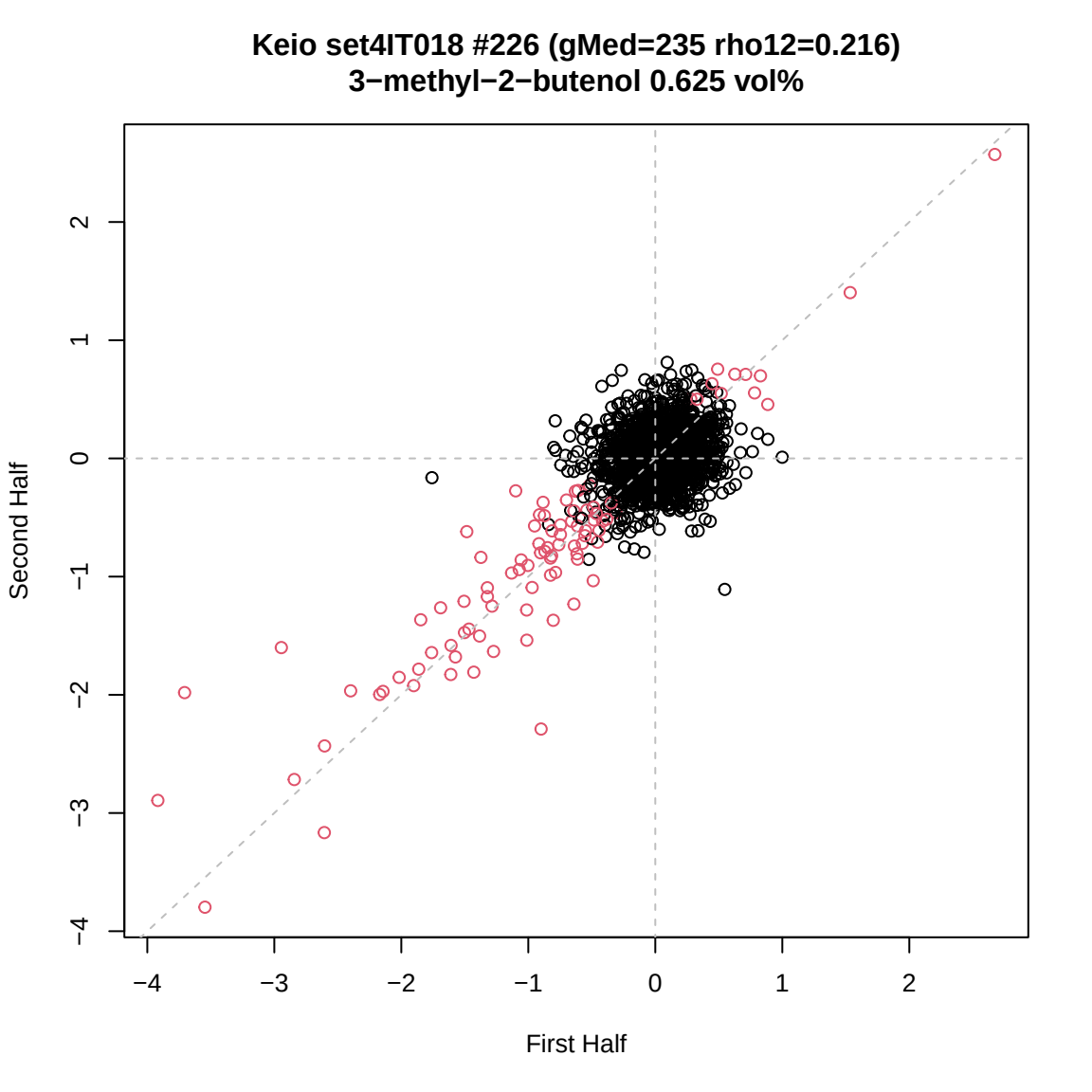

Keio set4IT013 #221 (gMed=236 rho12=0.273)
limonene 1.25 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

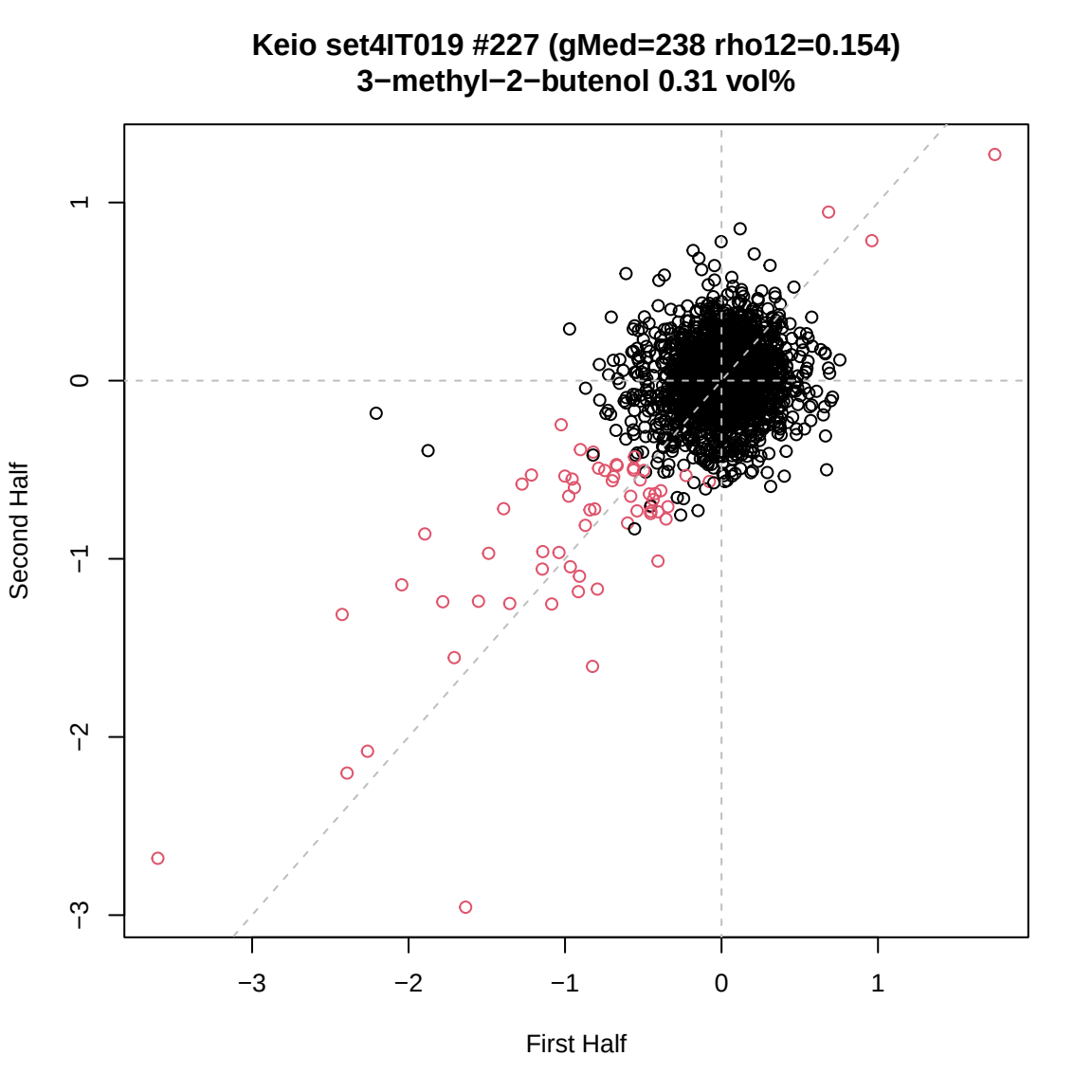

Keio set4IT014 #222 (gMed=225 rho12=0.264)
limonene 1.25 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

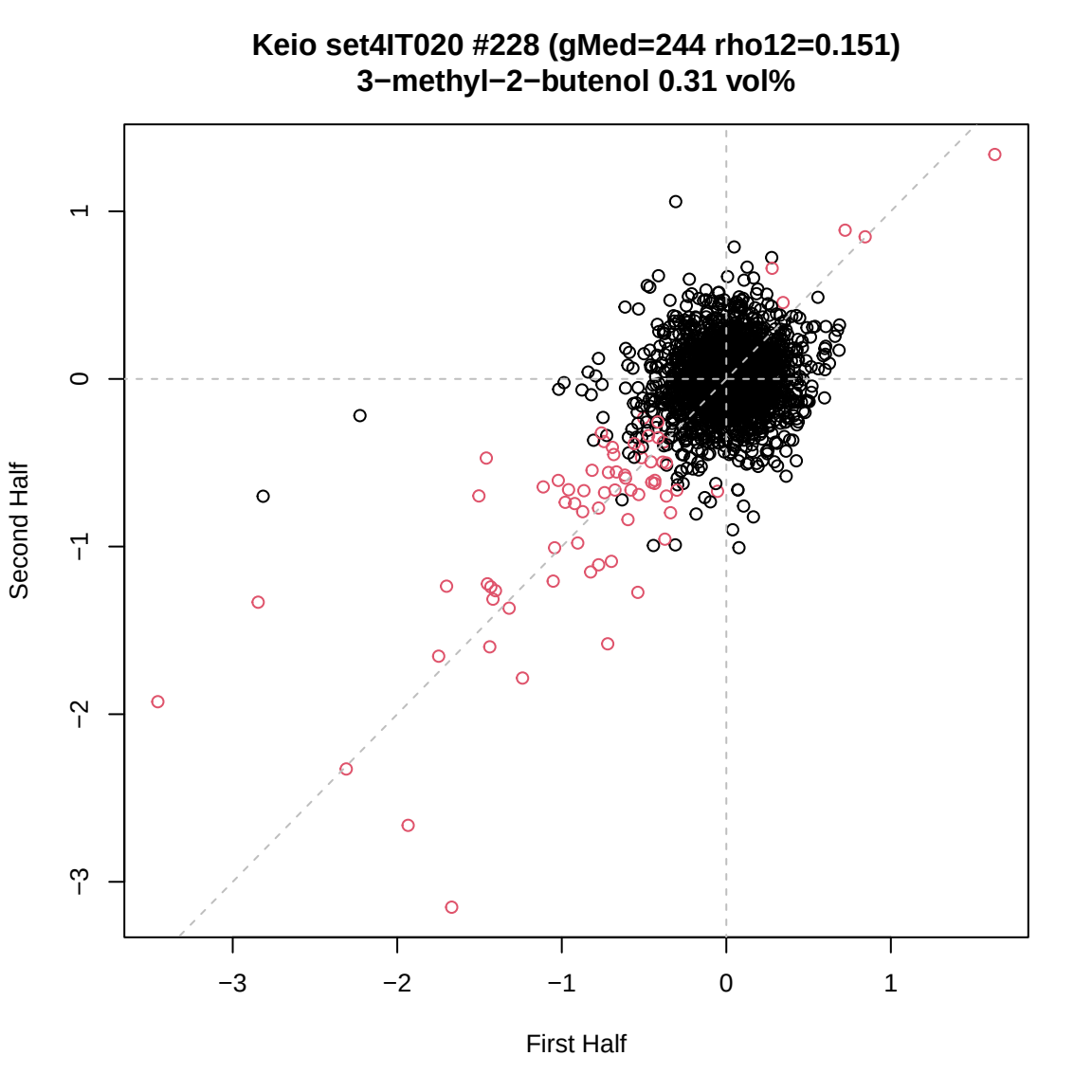

Keio set4IT015 #223 (gMed=195 rho12=0.198)
3−methyl−2−butenol 1.25 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

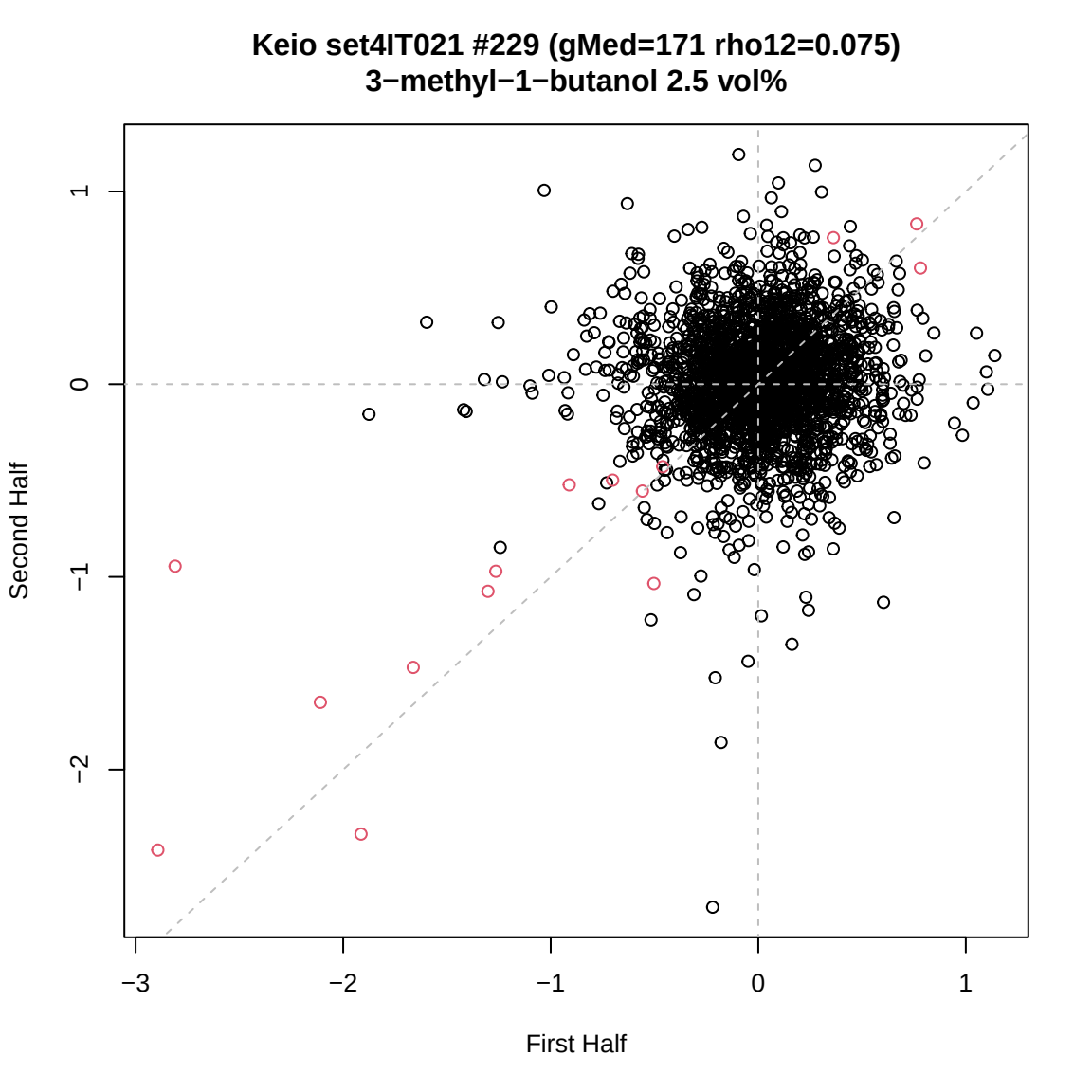

Keio set4IT016 #224 (gMed=224 rho12=0.257)
3−methyl−2−butenol 1.25 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

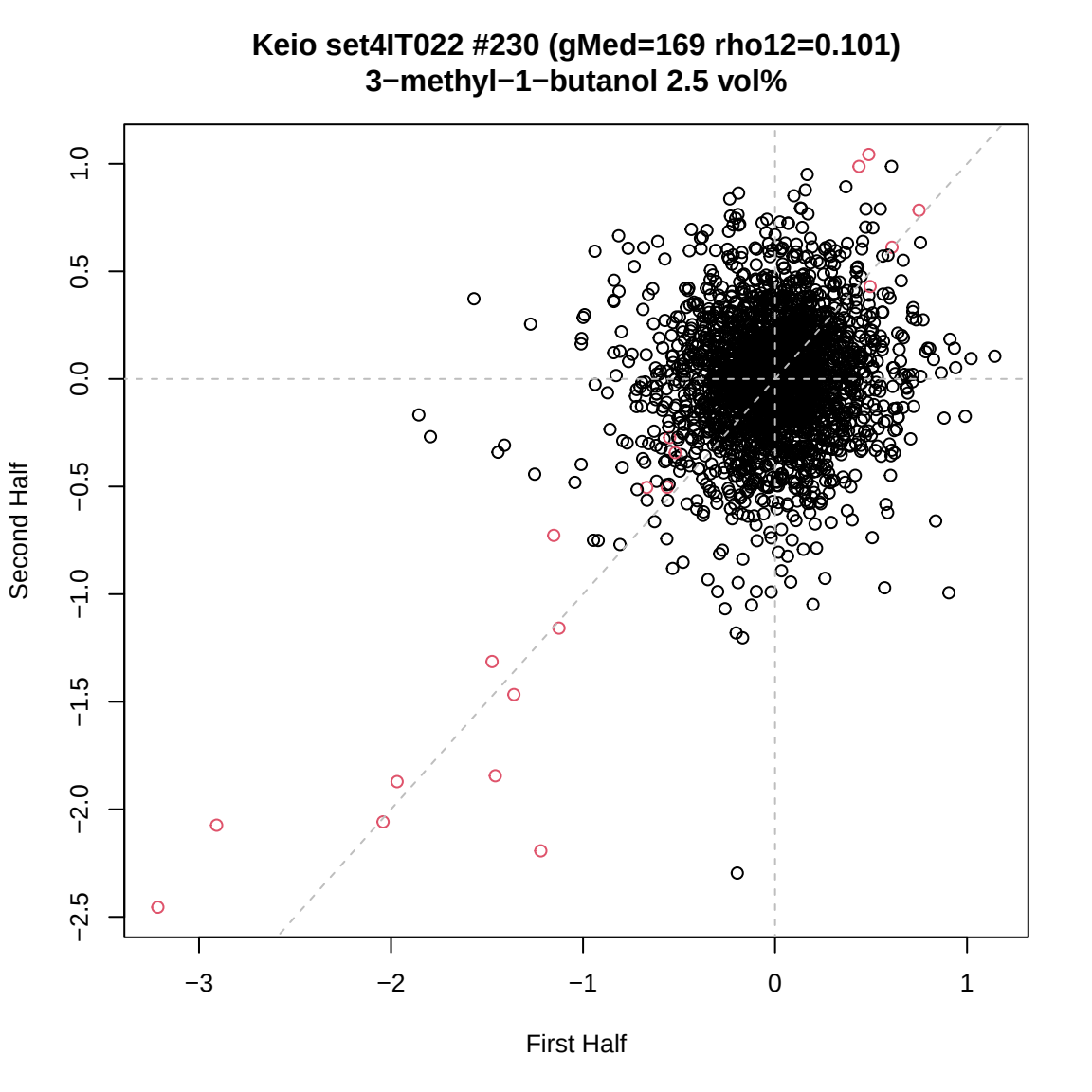

Keio set4IT017 #225 (gMed=237 rho12=0.179)
3−methyl−2−butenol 0.625 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

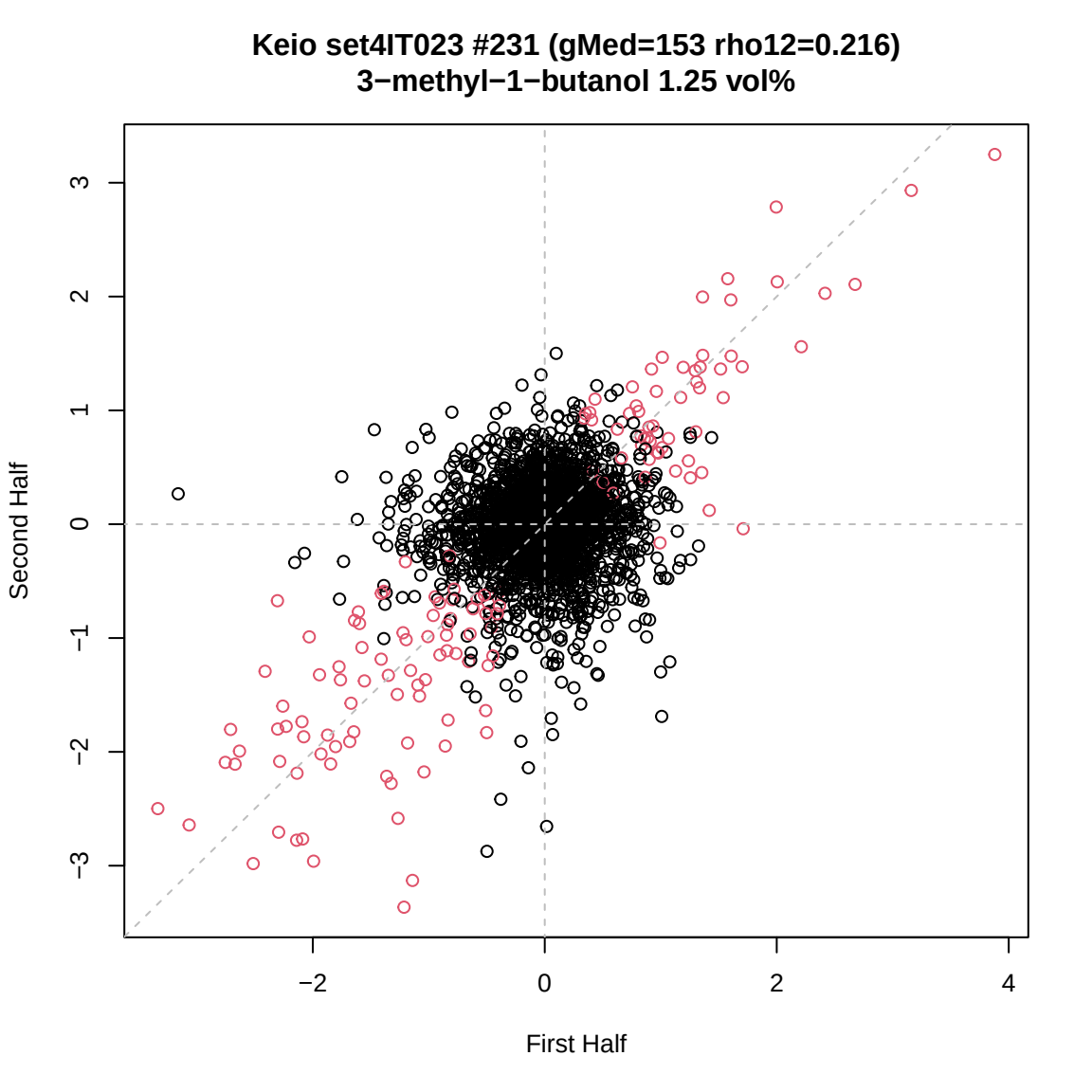

Keio set4IT018 #226 (gMed=235 rho12=0.216)
3−methyl−2−butenol 0.625 vol%
Second Half
First Half
−4
−3
−2
−1
0
1
2

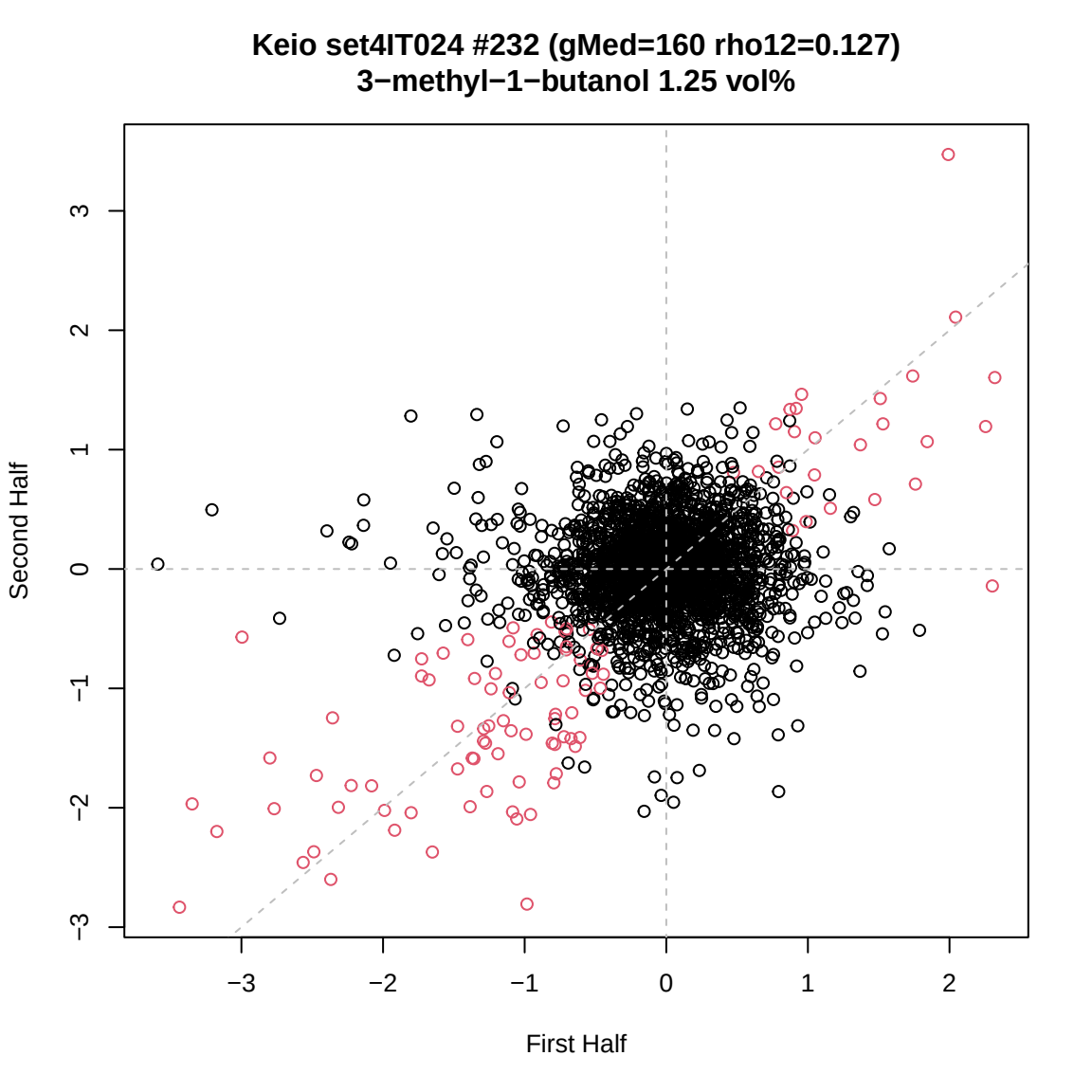

Keio set4IT019 #227 (gMed=238 rho12=0.154)
3−methyl−2−butenol 0.31 vol%
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

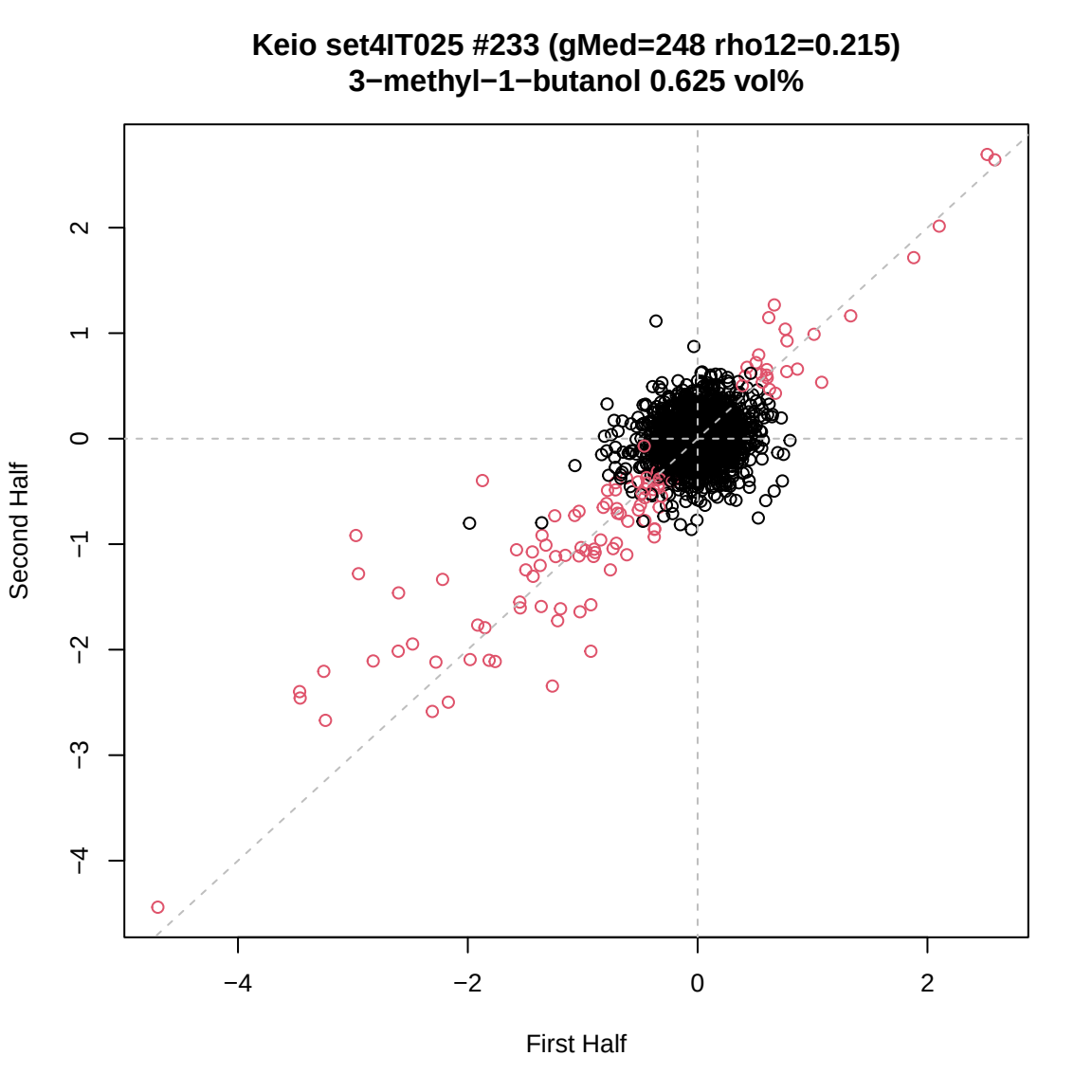

Keio set4IT020 #228 (gMed=244 rho12=0.151)
3−methyl−2−butenol 0.31 vol%
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

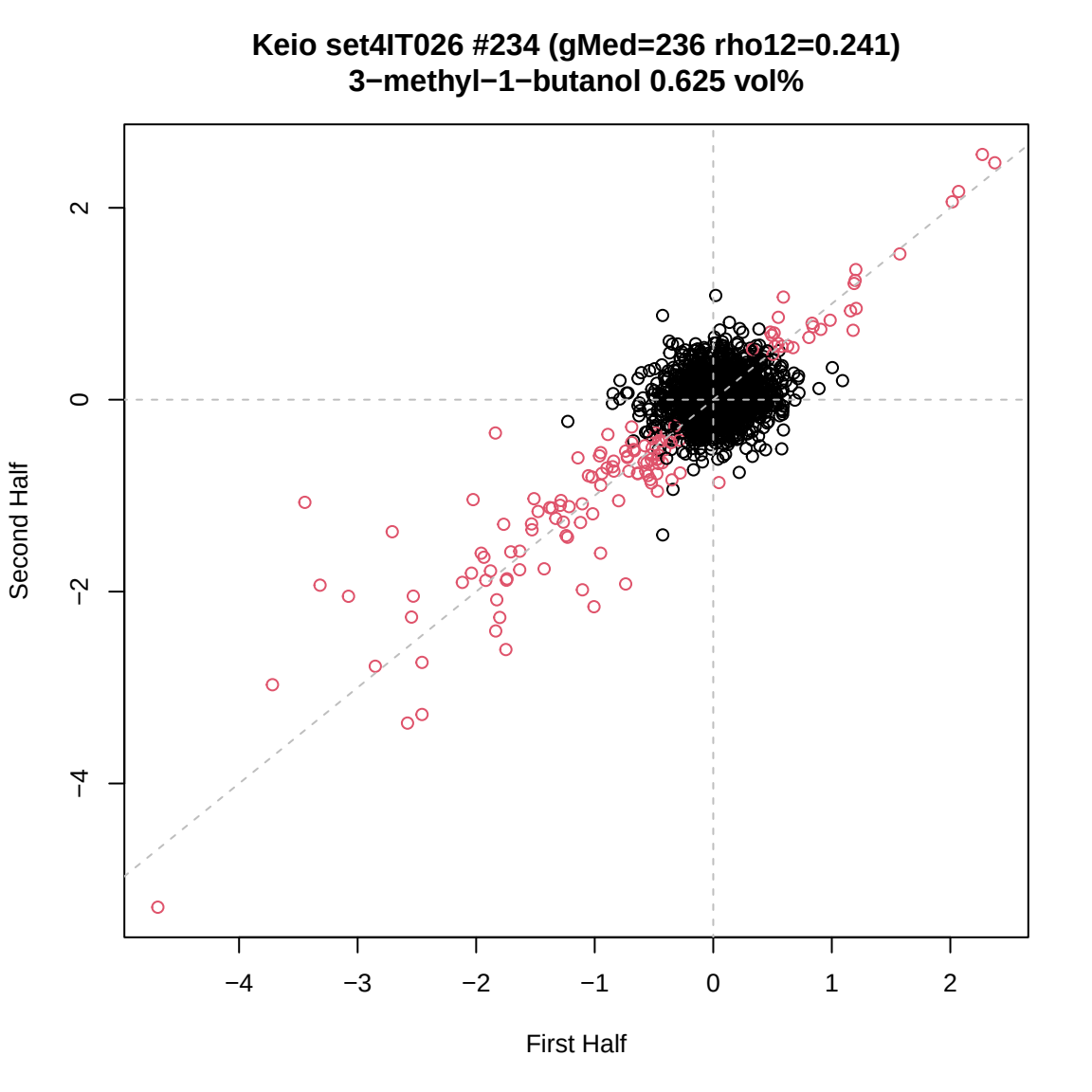

Keio set4IT021 #229 (gMed=171 rho12=0.075)
3−methyl−1−butanol 2.5 vol%
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

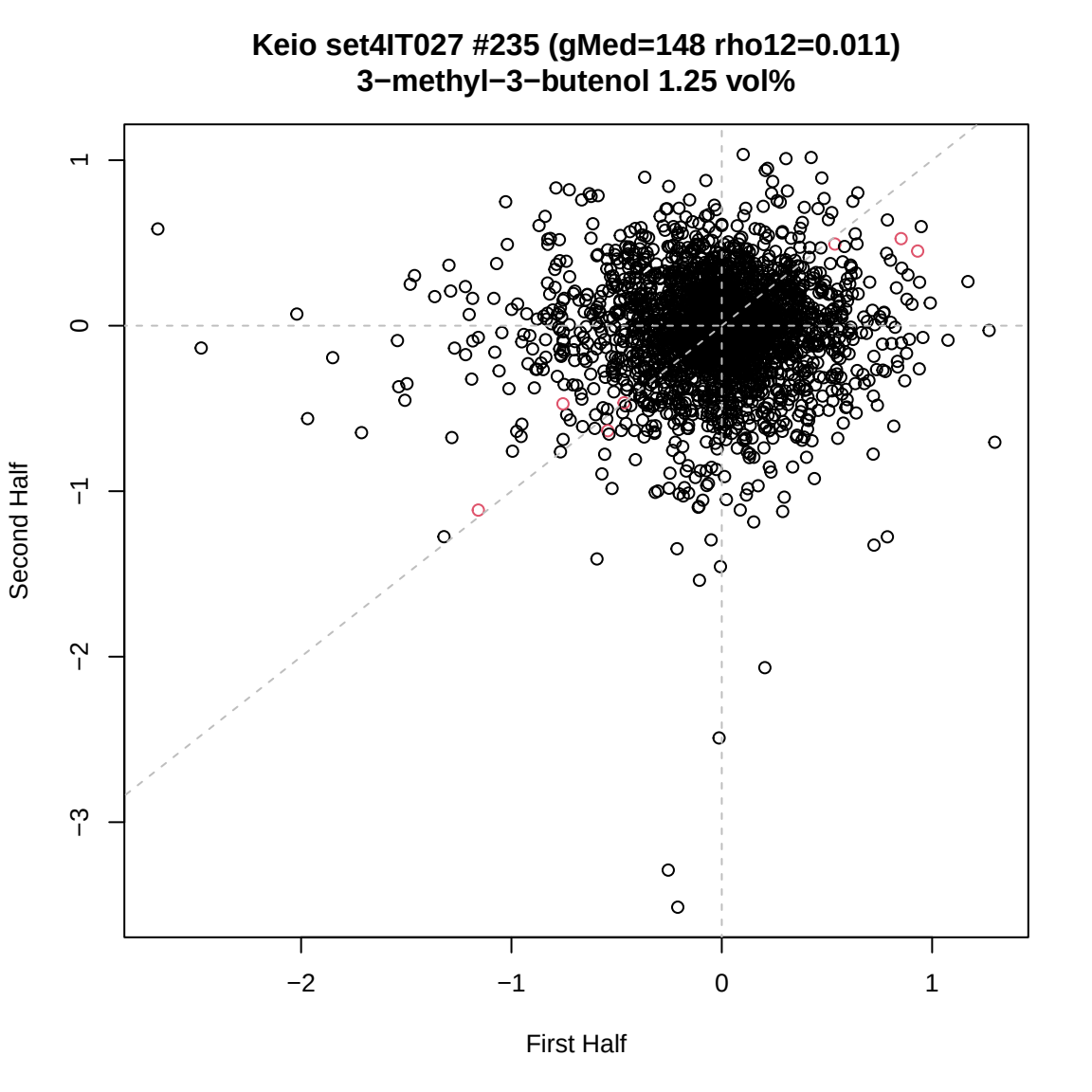

Keio set4IT022 #230 (gMed=169 rho12=0.101)
3−methyl−1−butanol 2.5 vol%
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3
−2
−1
0
1

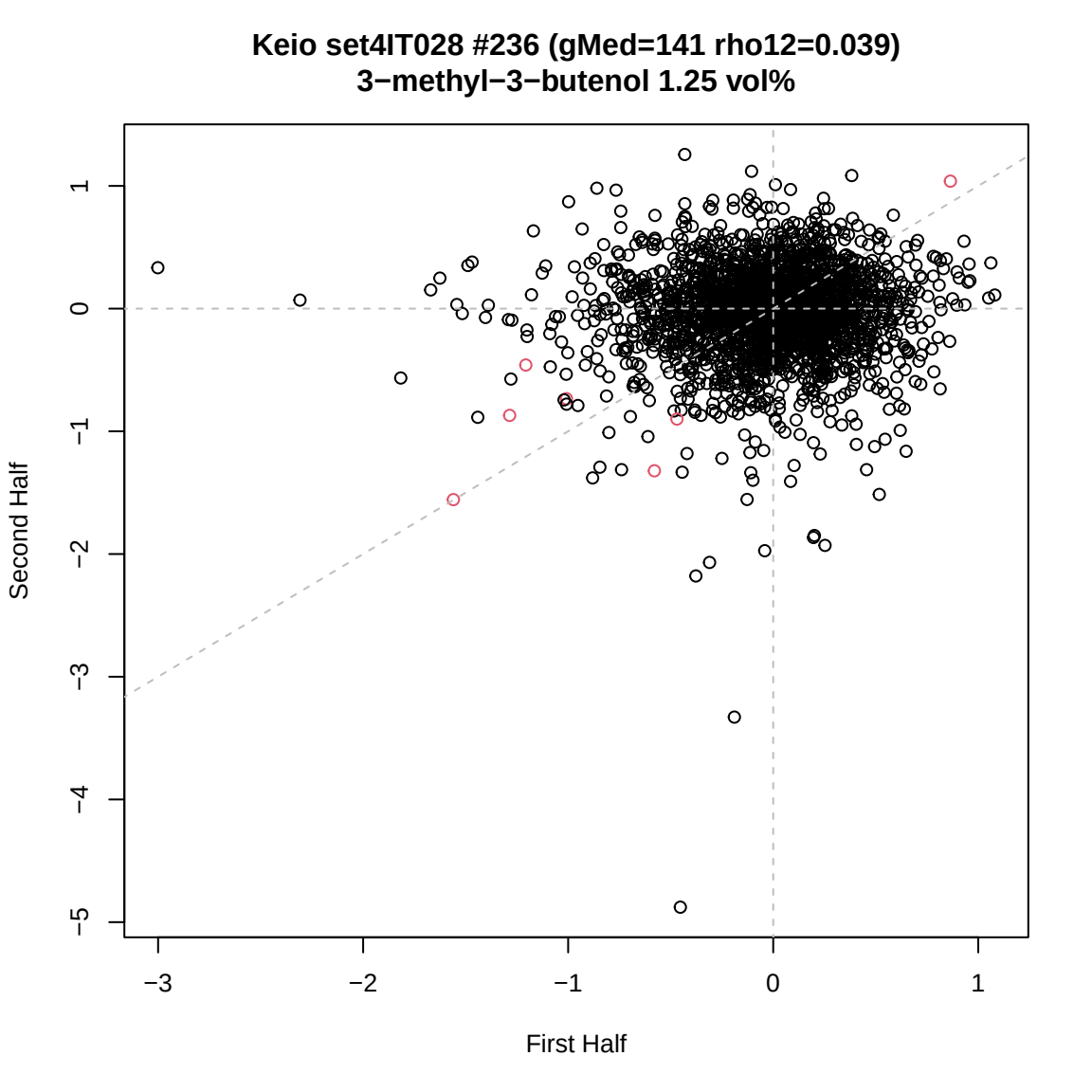

Keio set4IT023 #231 (gMed=153 rho12=0.216)
3−methyl−1−butanol 1.25 vol%
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
0
2
4

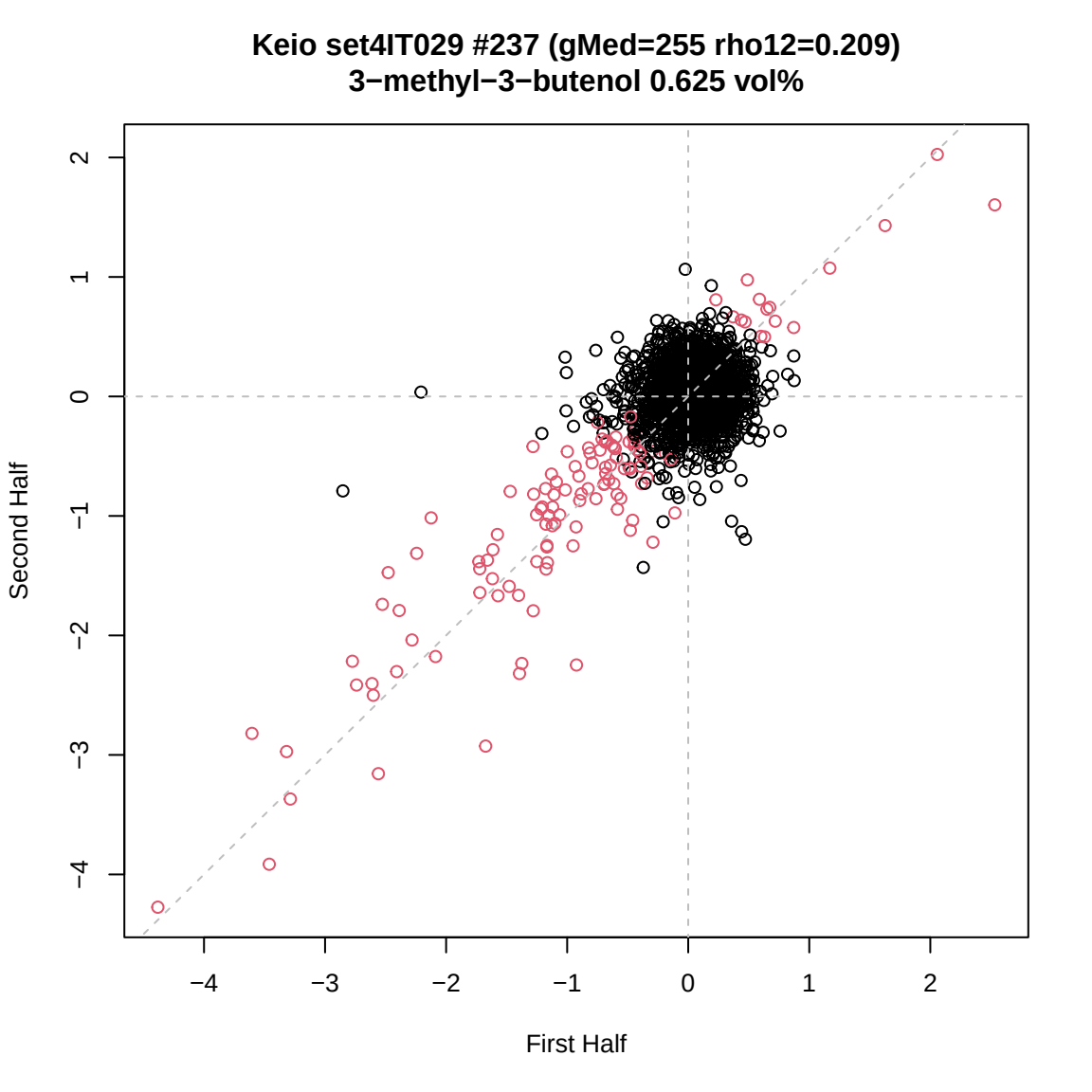

Keio set4IT024 #232 (gMed=160 rho12=0.127)
3−methyl−1−butanol 1.25 vol%
Second Half
First Half
−3
−2
−1
0
1
2
3

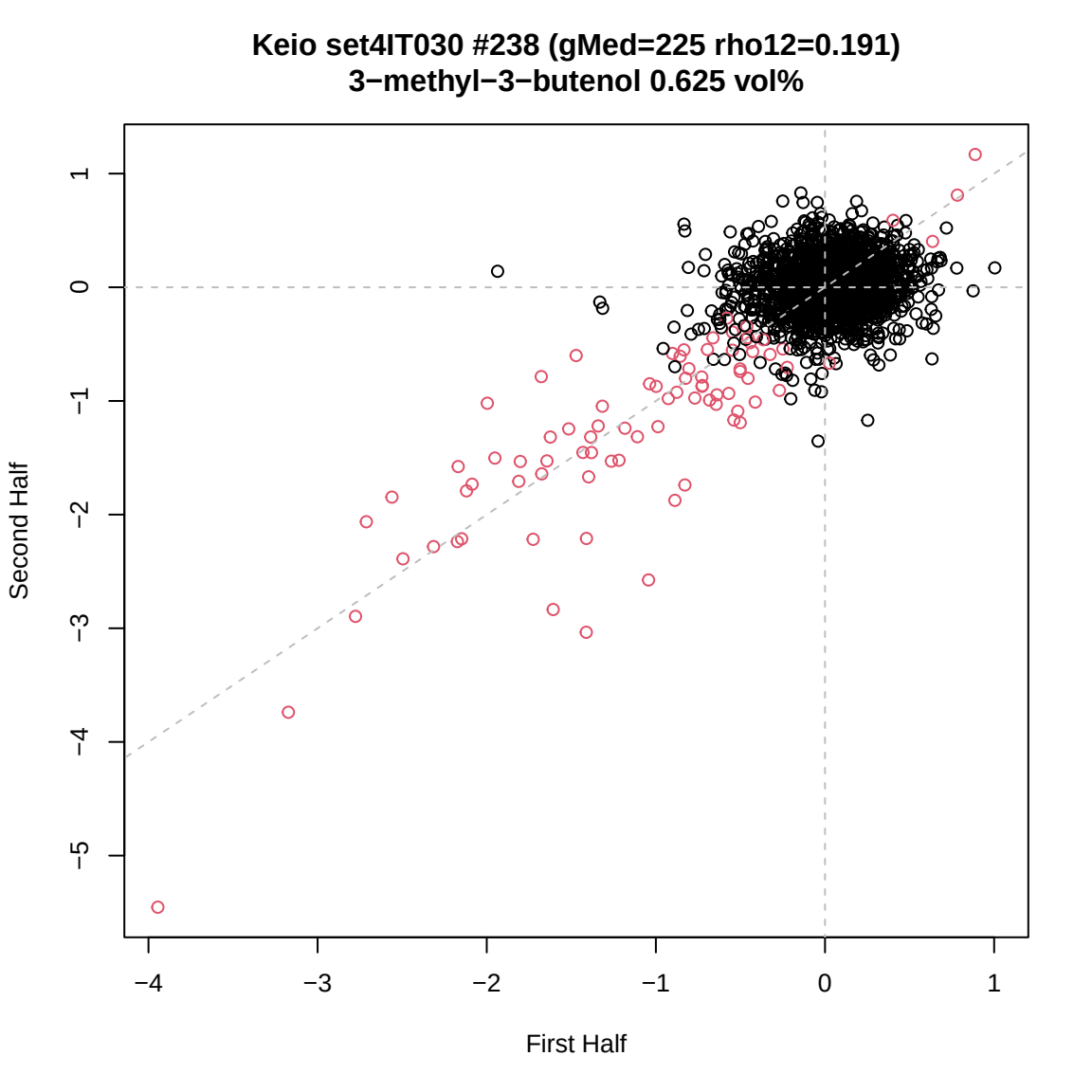

Keio set4lT025 #233 (gMed=248 rho12=0.215)
3−methyl−1−butanol 0.625 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

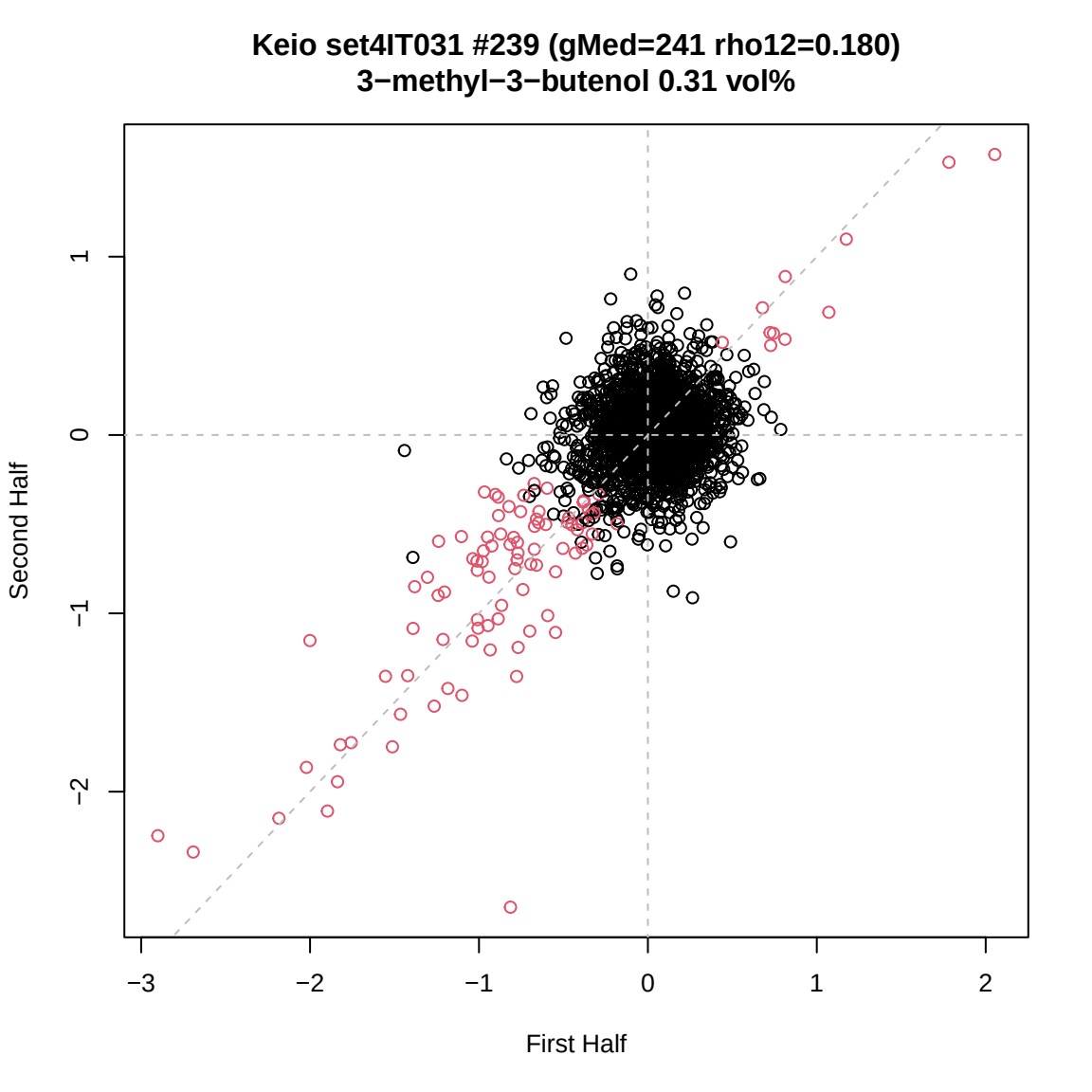

Keio set4IT026 #234 (gMed=236 rho12=0.241)
3−methyl−1−butanol 0.625 vol%
Second Half
First Half
2
0
−2
−4
−4
−3
−2
−1
0
1
2

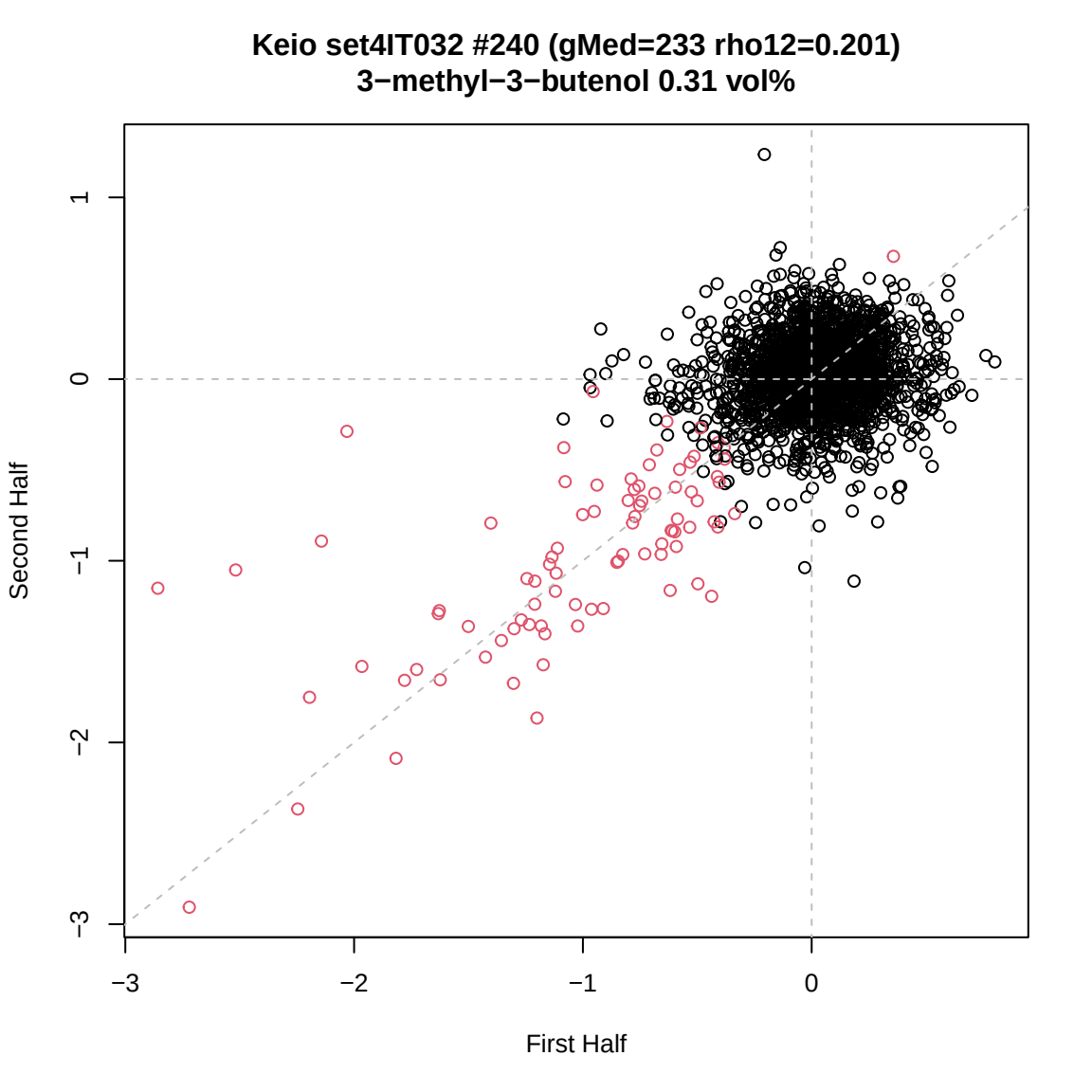

Keio set4IT027 #235 (gMed=148 rho12=0.011)
3−methyl−3−butenol 1.25 vol%
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

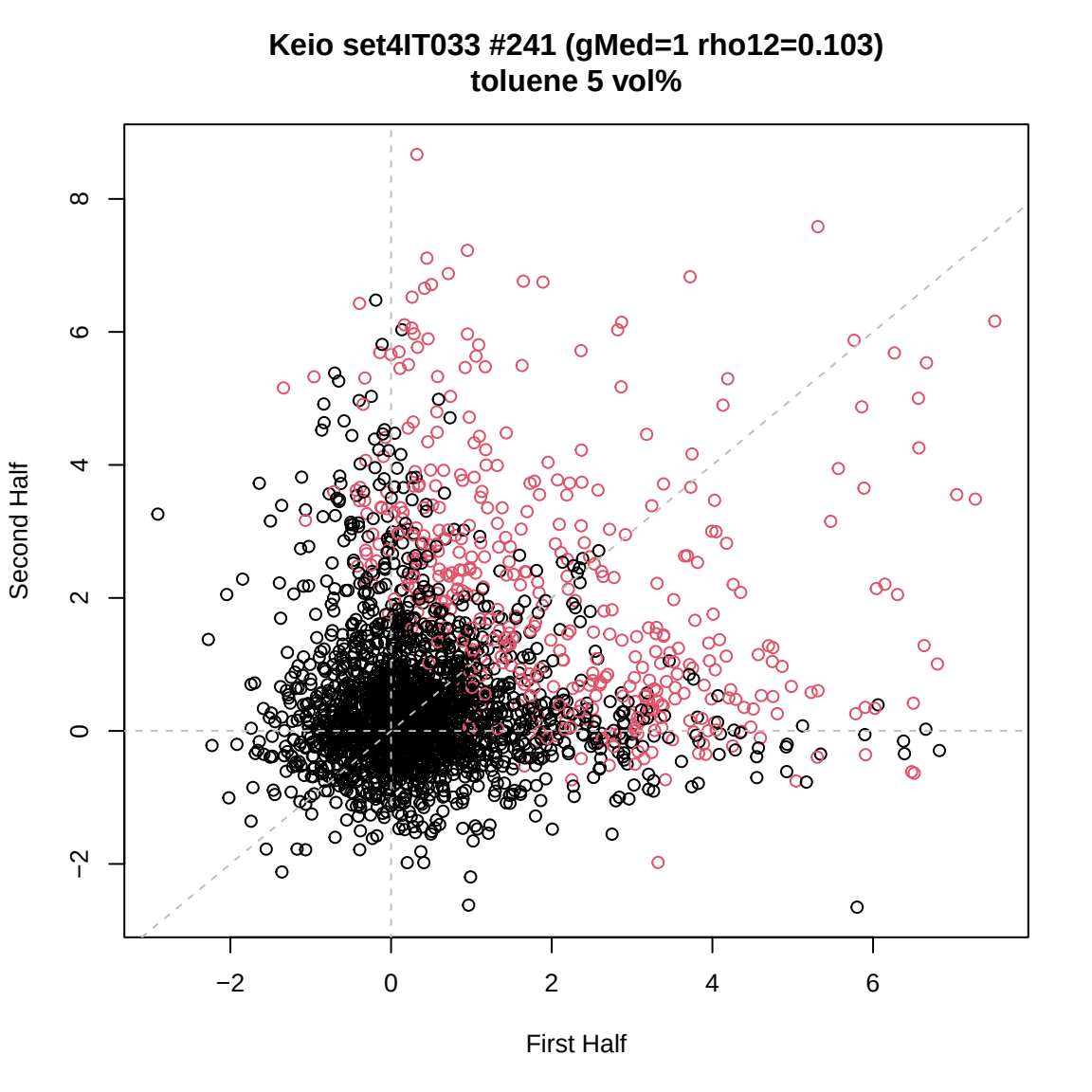

Keio set4IT028 #236 (gMed=141 rho12=0.039)
3−methyl−3−butenol 1.25 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1

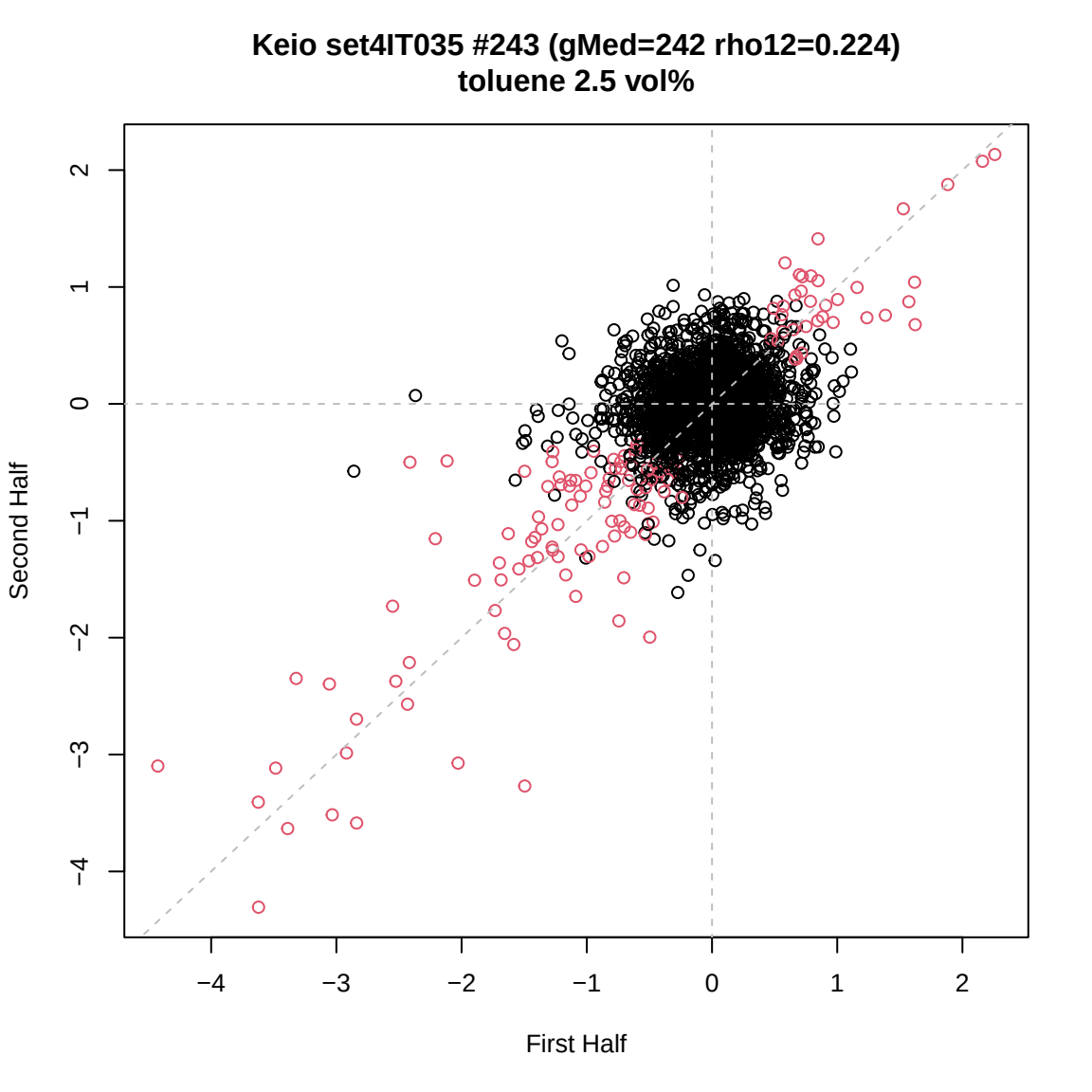

Keio set4IT029 #237 (gMed=255 rho12=0.209)
3−methyl−3−butenol 0.625 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

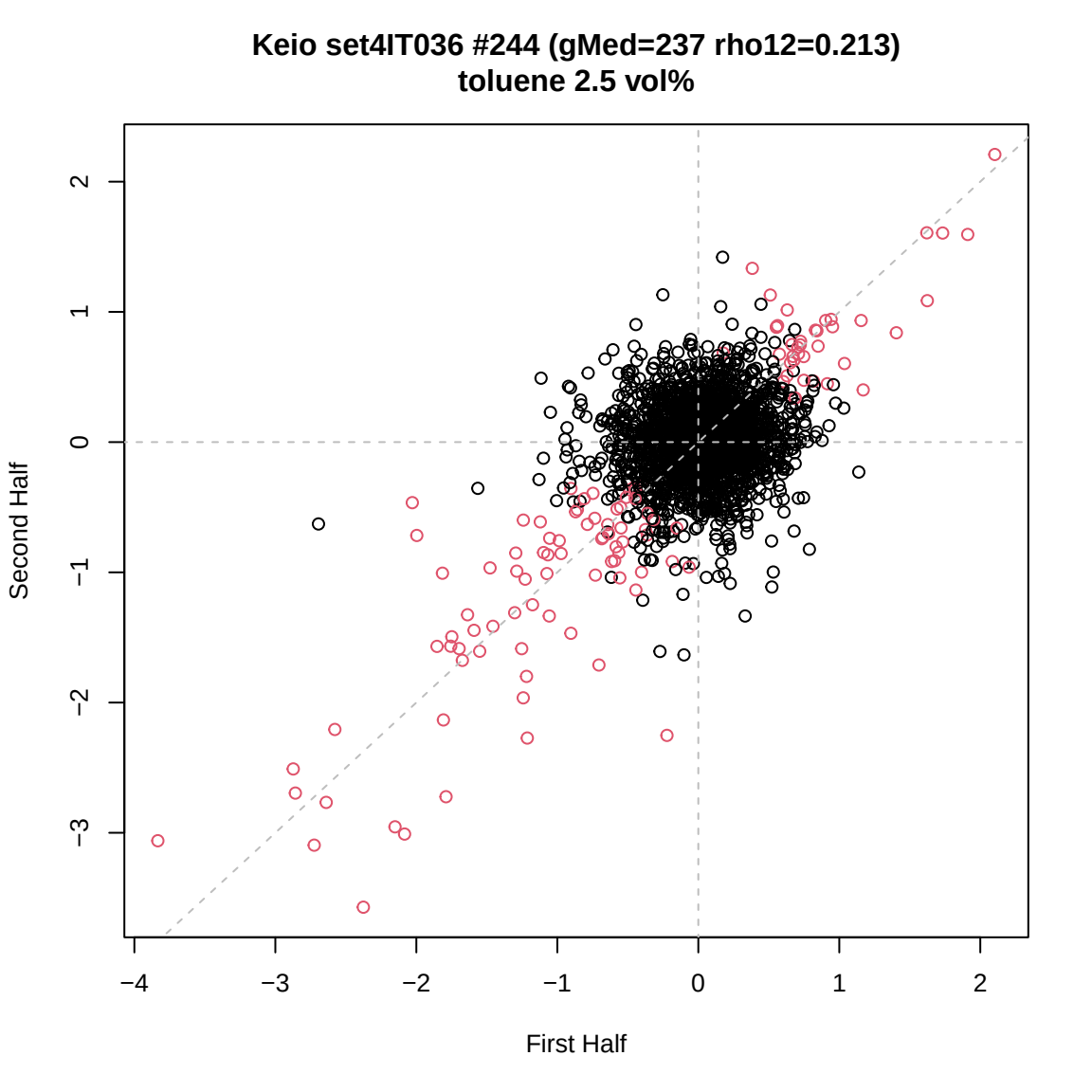

Keio set4IT030 #238 (gMed=225 rho12=0.191)
3−methyl−3−butenol 0.625 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

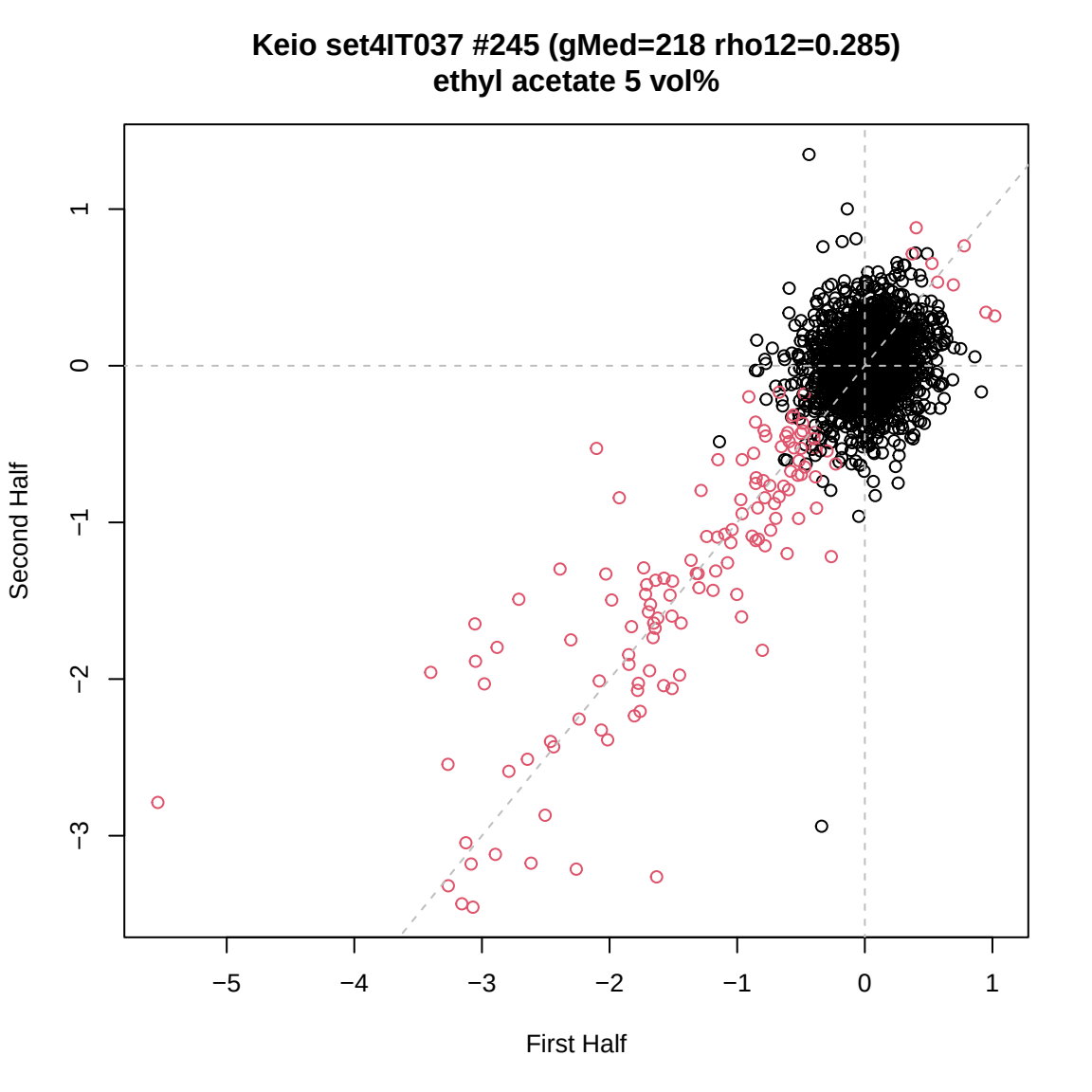

Keio set4IT031 #239 (gMed=241 rho12=0.180)
3−methyl−3−butenol 0.31 vol%
Second Half
First Half
−3
−2
−1
0
1
2
−2
−1
0
1

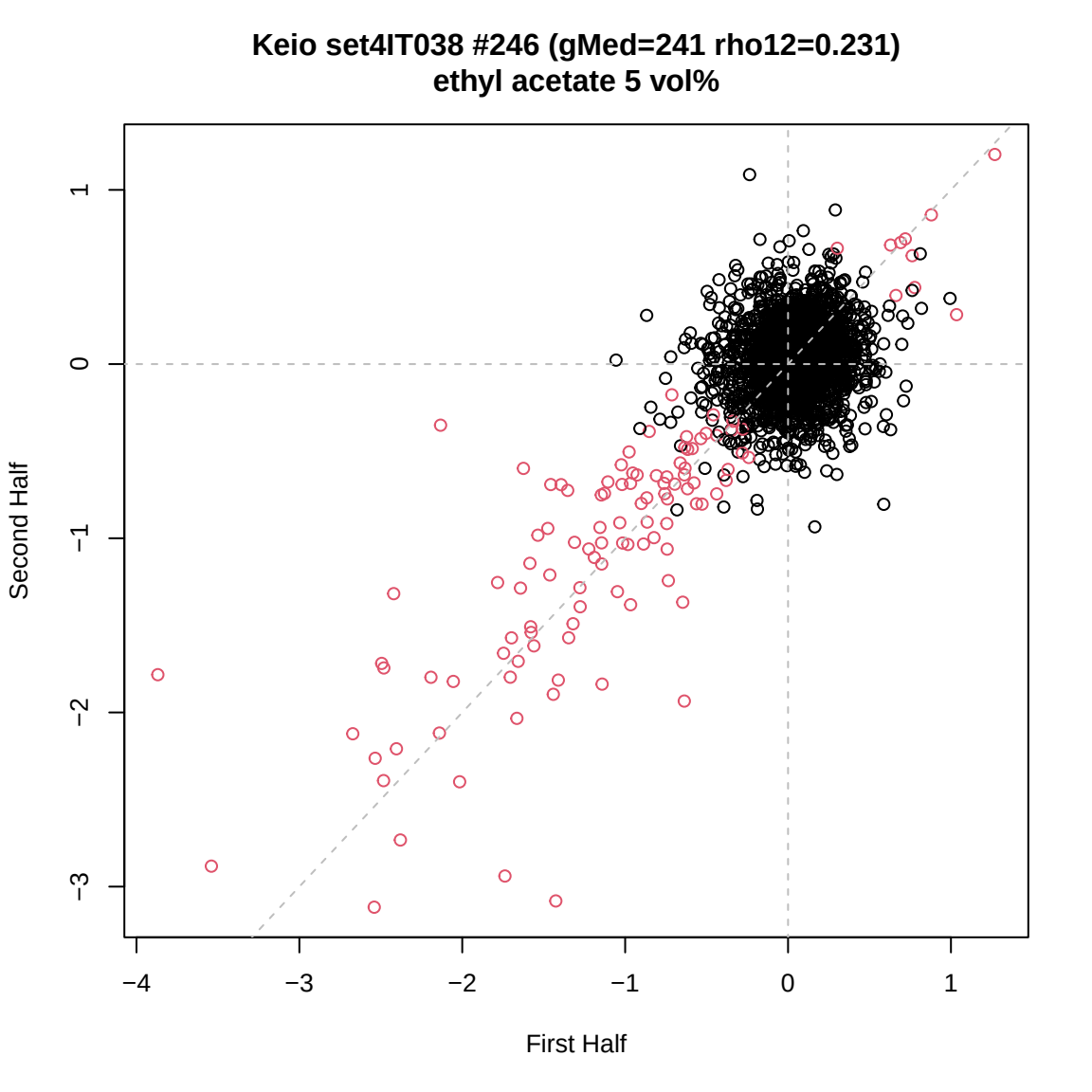

Keio set4lT032 #240 (gMed=233 rho12=0.201)
3−methyl−3−butenol 0.31 vol%
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0

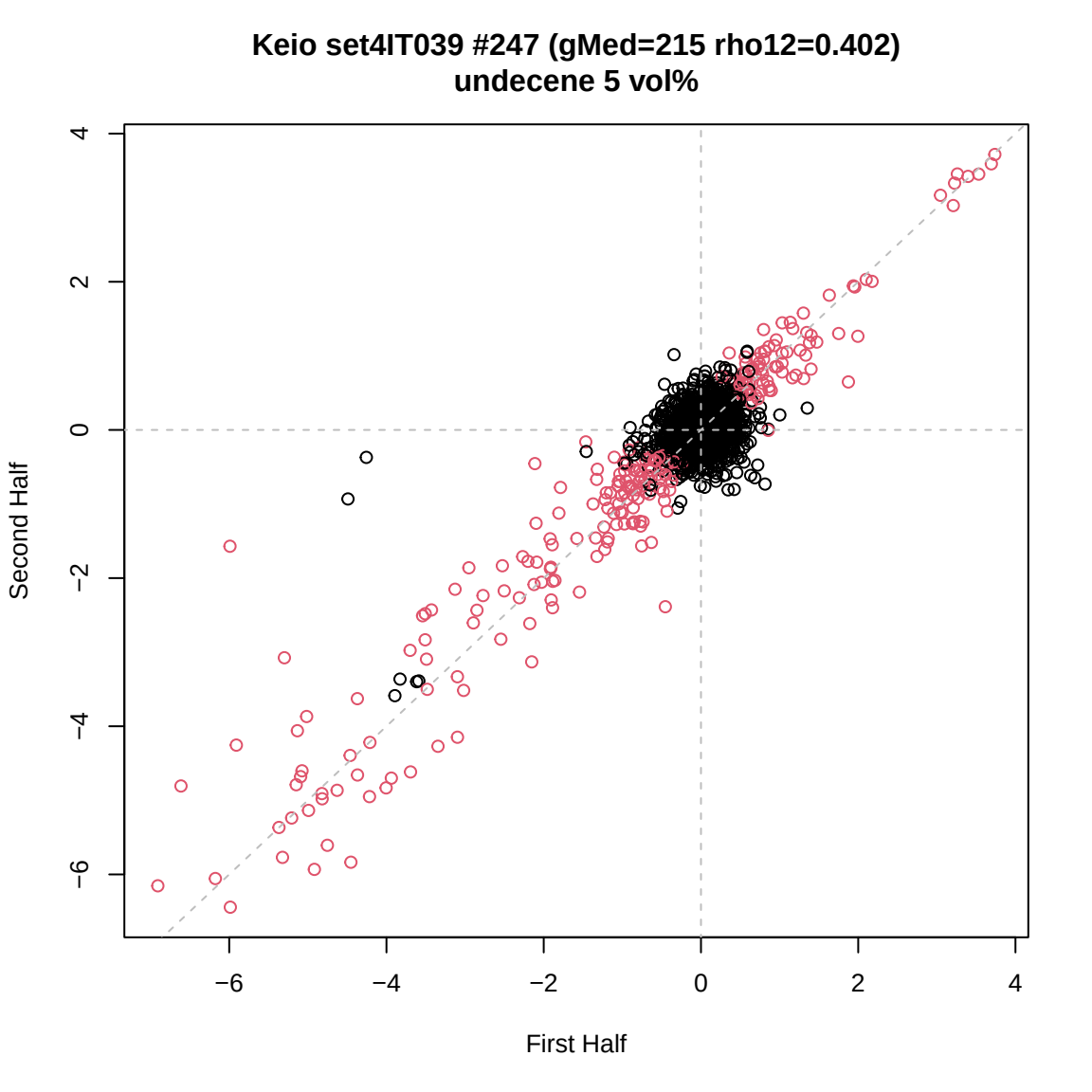

Keio set4IT033 #241 (gMed=1 rho12=0.103)
toluene 5 vol%
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6

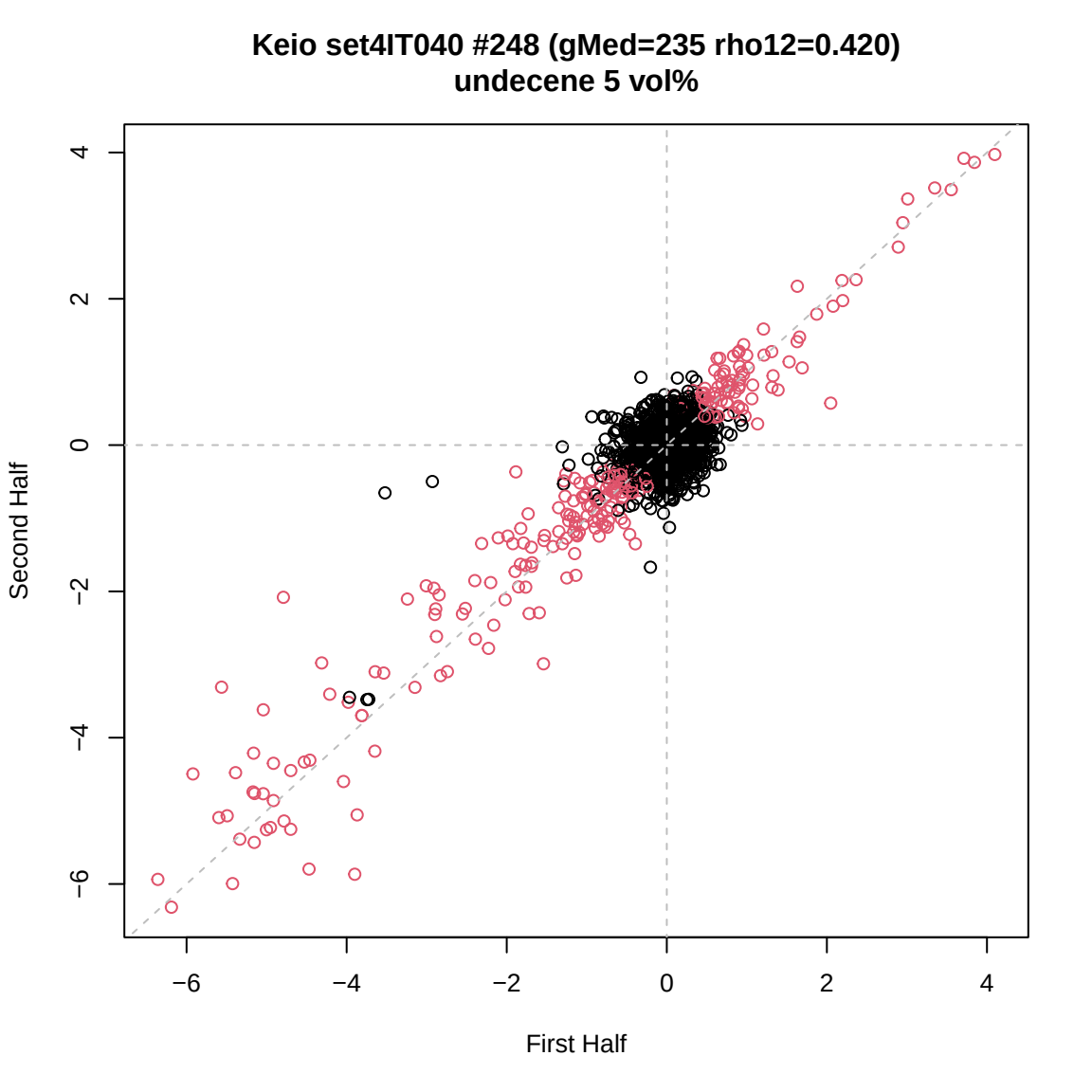

Keio set4IT035 #243 (gMed=242 rho12=0.224)
toluene 2.5 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

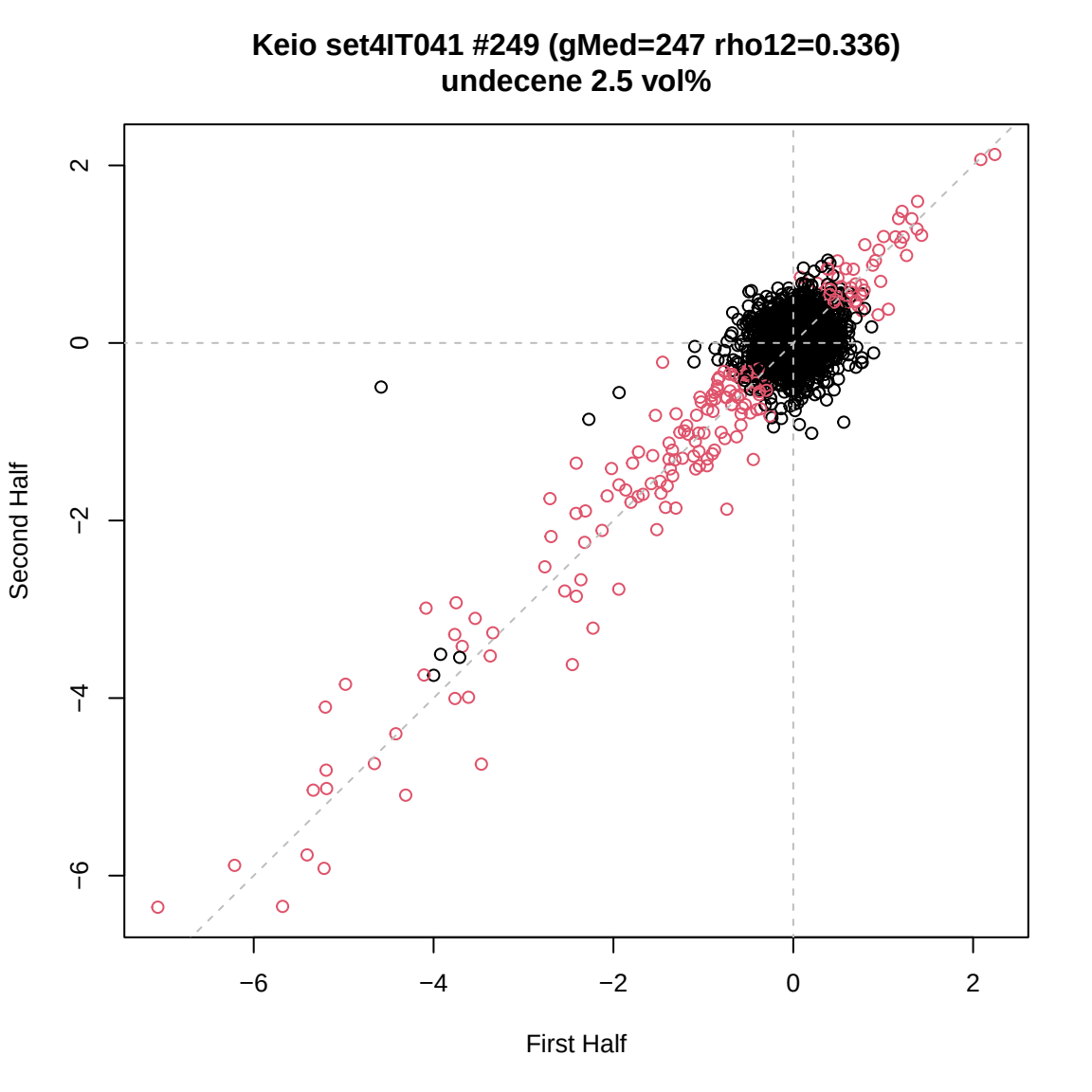

Keio set4IT036 #244 (gMed=237 rho12=0.213)
toluene 2.5 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

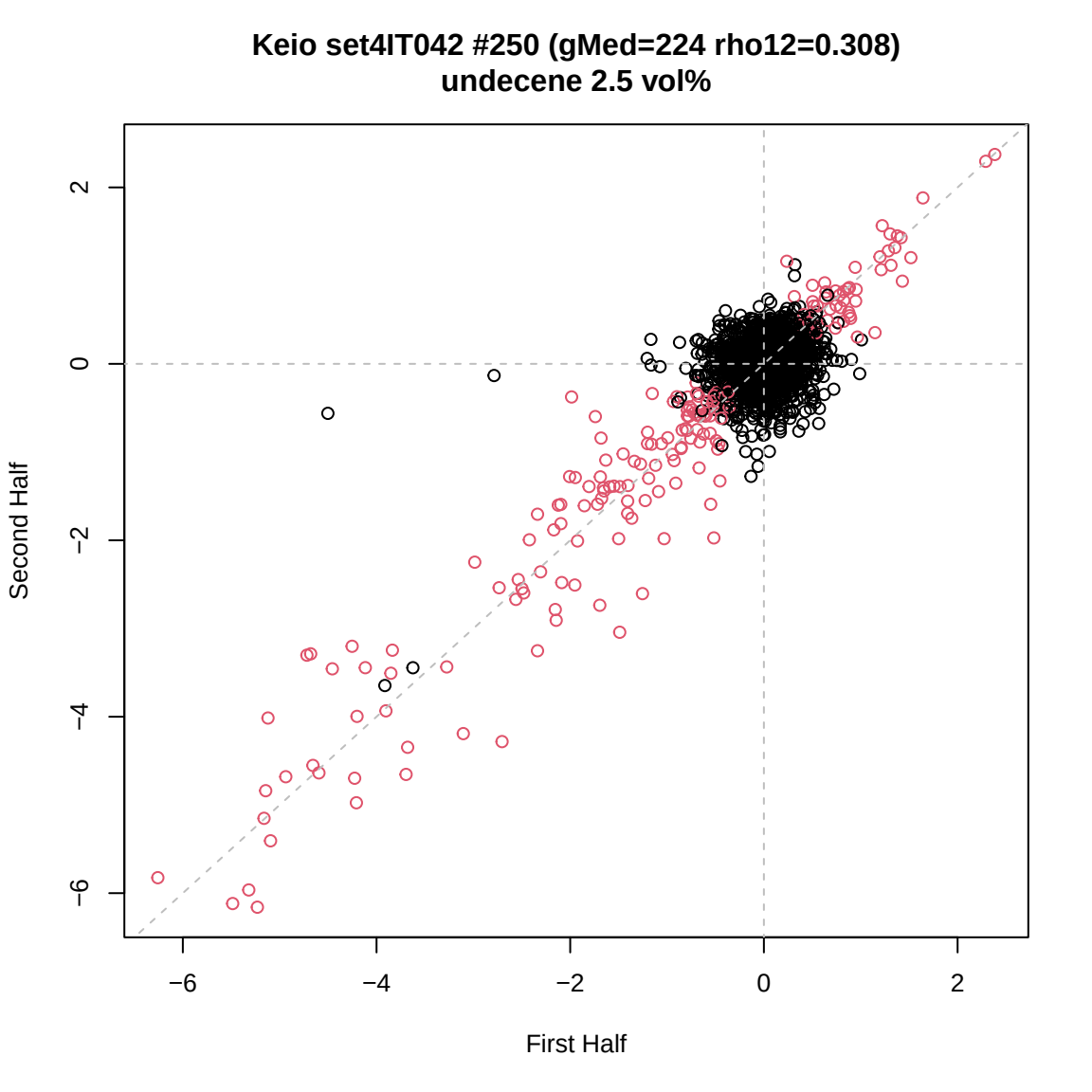

Keio set4IT037 #245 (gMed=218 rho12=0.285)
ethyl acetate 5 vol%
Second Half
First Half
1
0
−1
−2
−3
−5
−4
−3
−2
−1
0
1

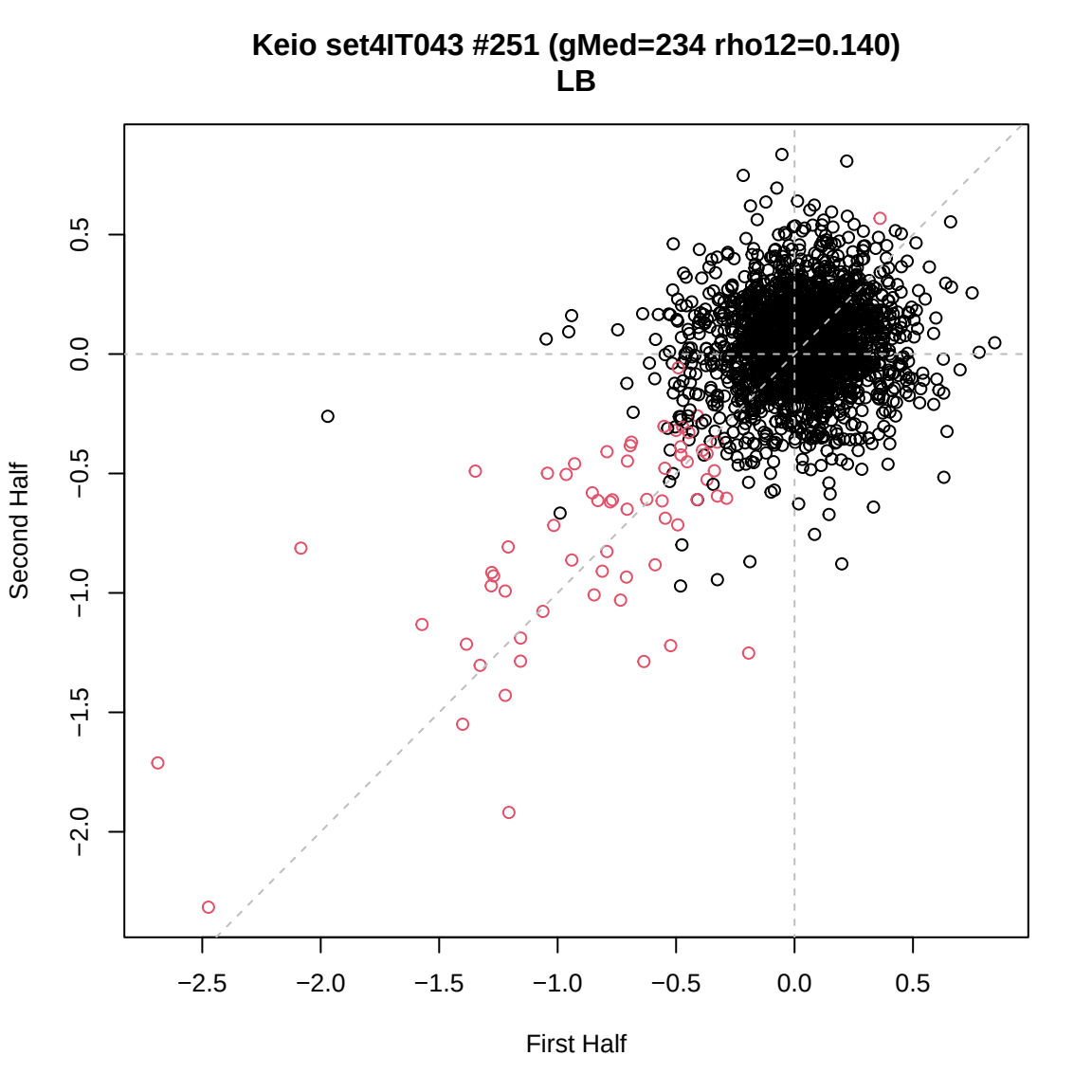

Keio set4IT038 #246 (gMed=241 rho12=0.231)
ethyl acetate 5 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

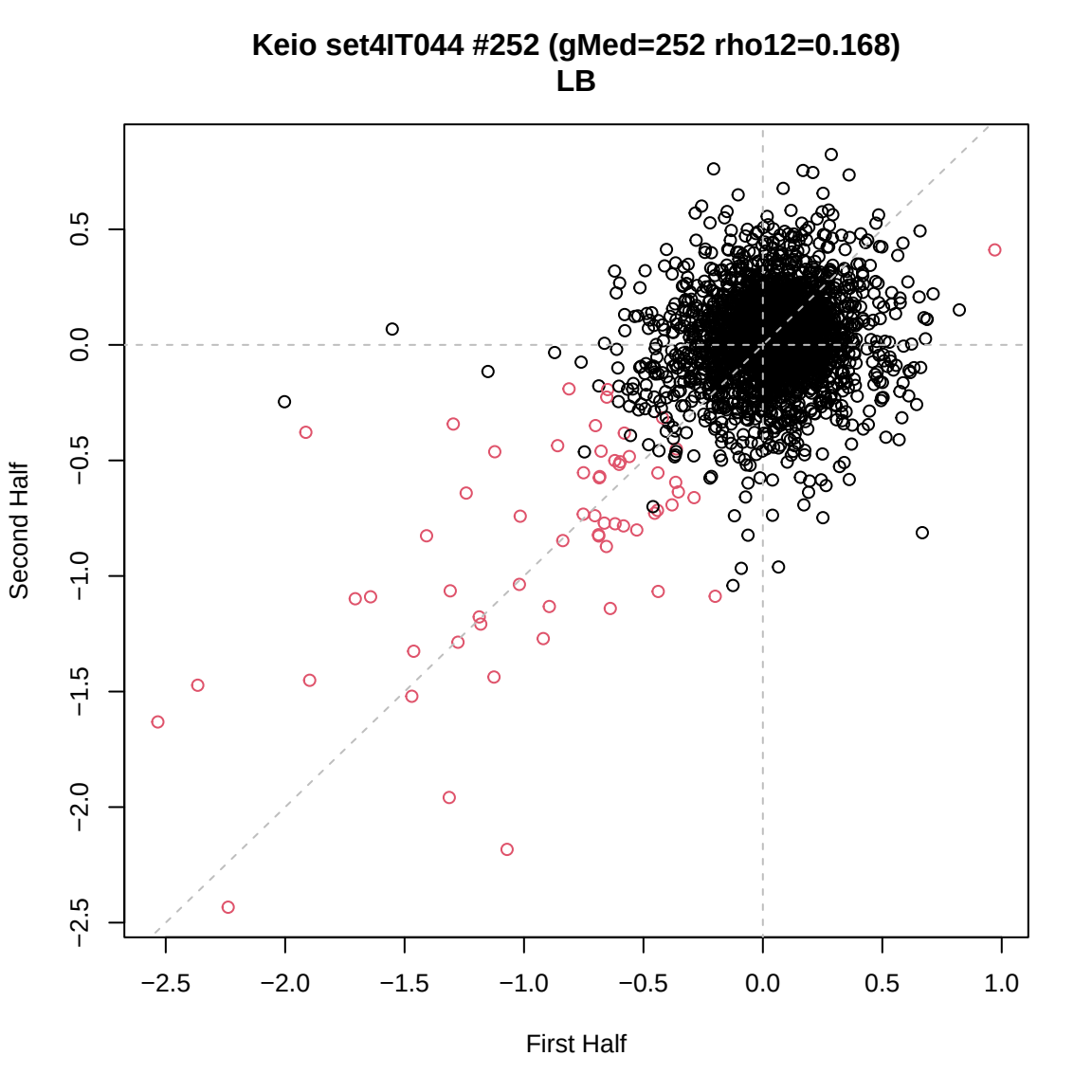

Keio set4lT039 #247 (gMed=215 rho12=0.402)
undecene 5 vol%
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

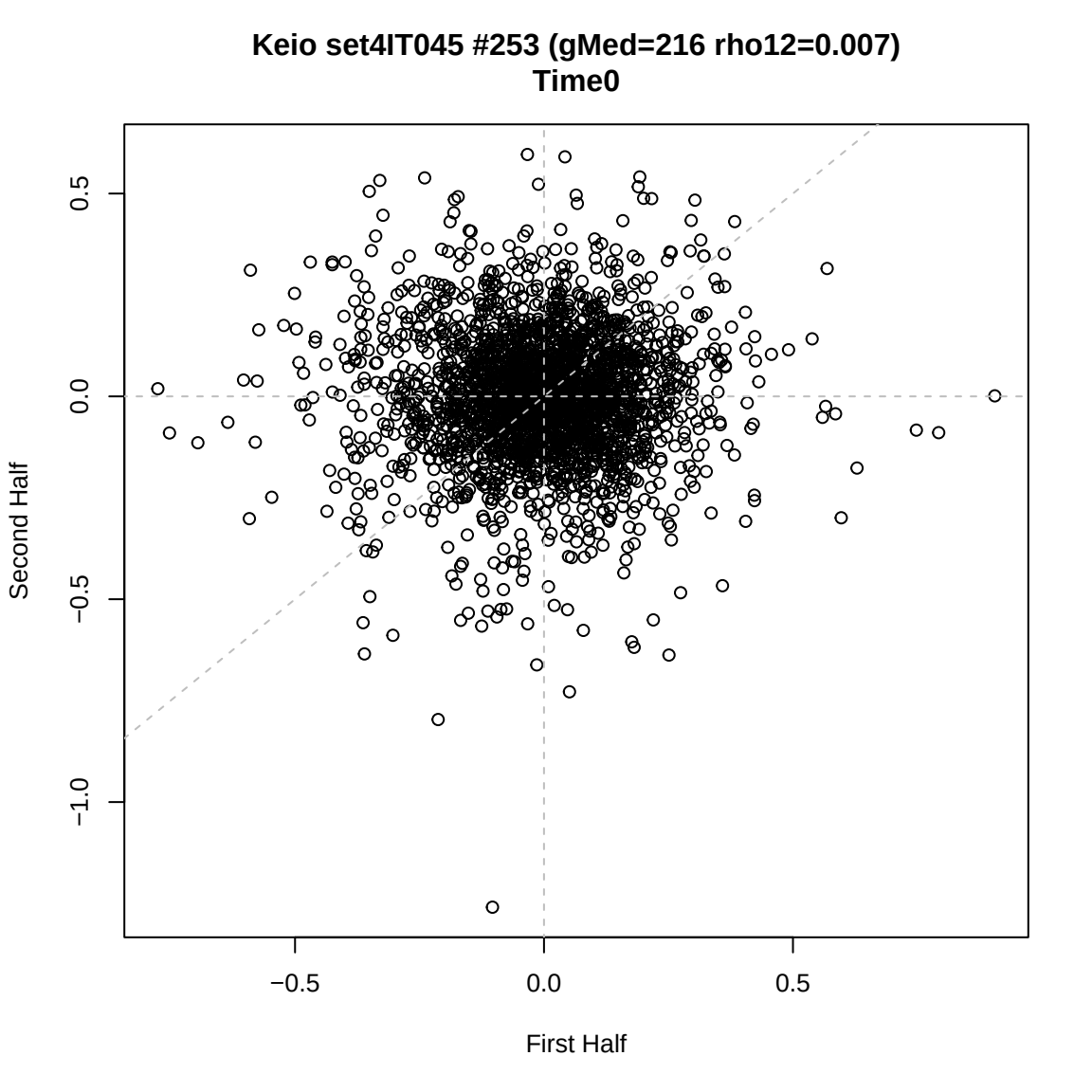

Keio set4lT040 #248 (gMed=235 rho12=0.420)
undecene 5 vol%
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

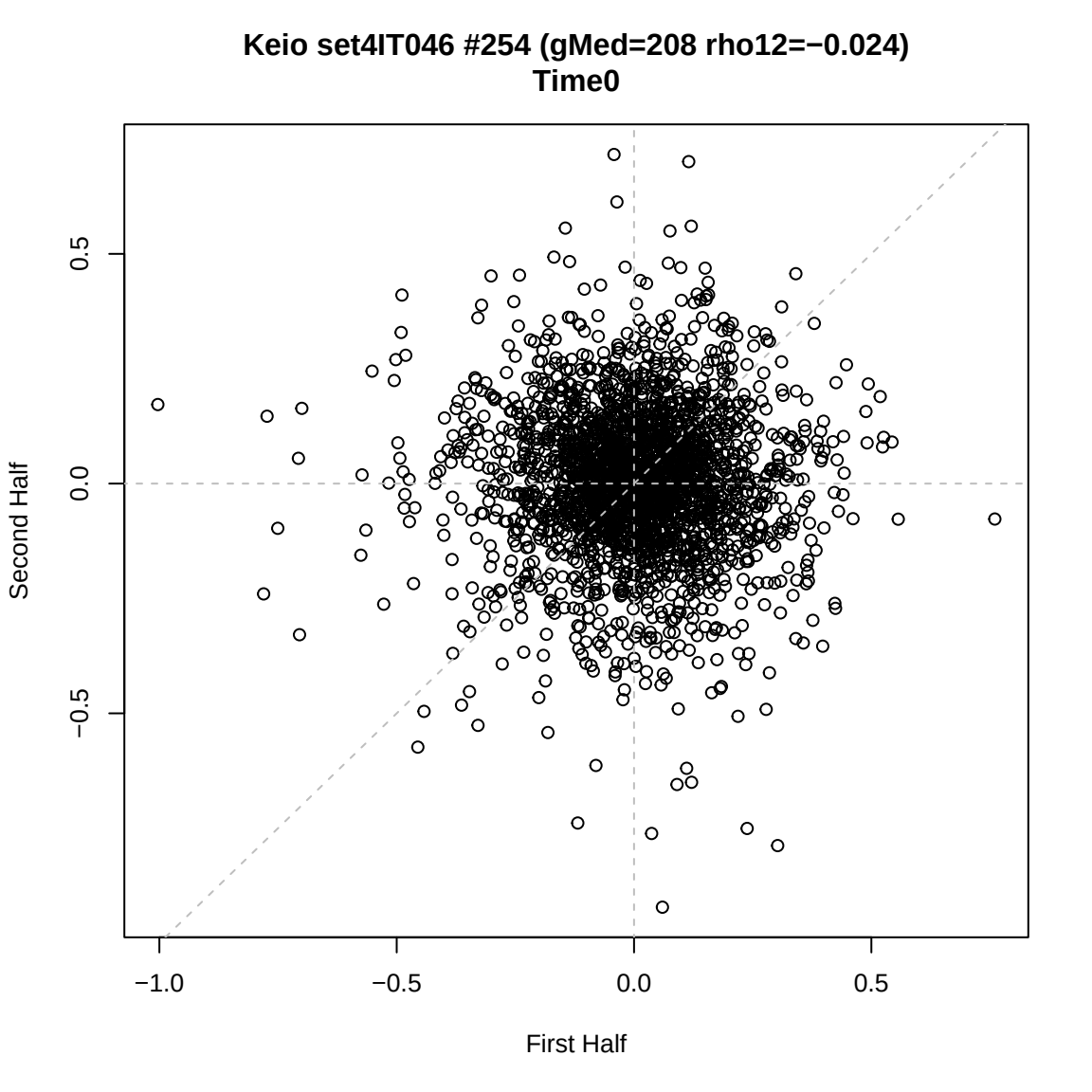

Keio set4IT041 #249 (gMed=247 rho12=0.336)
undecene 2.5 vol%
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

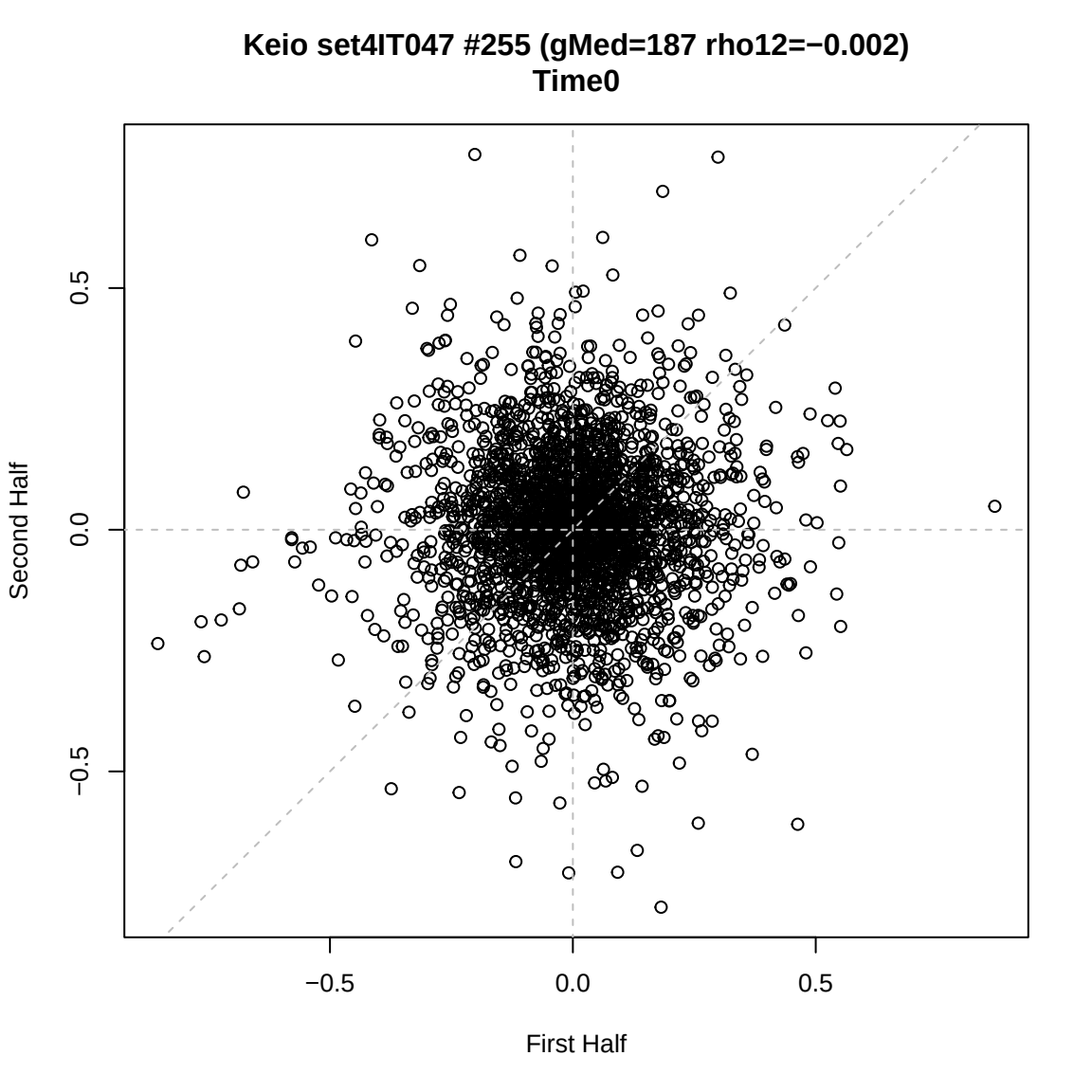

Keio set4lT042 #250 (gMed=224 rho12=0.308)
undecene 2.5 vol%
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

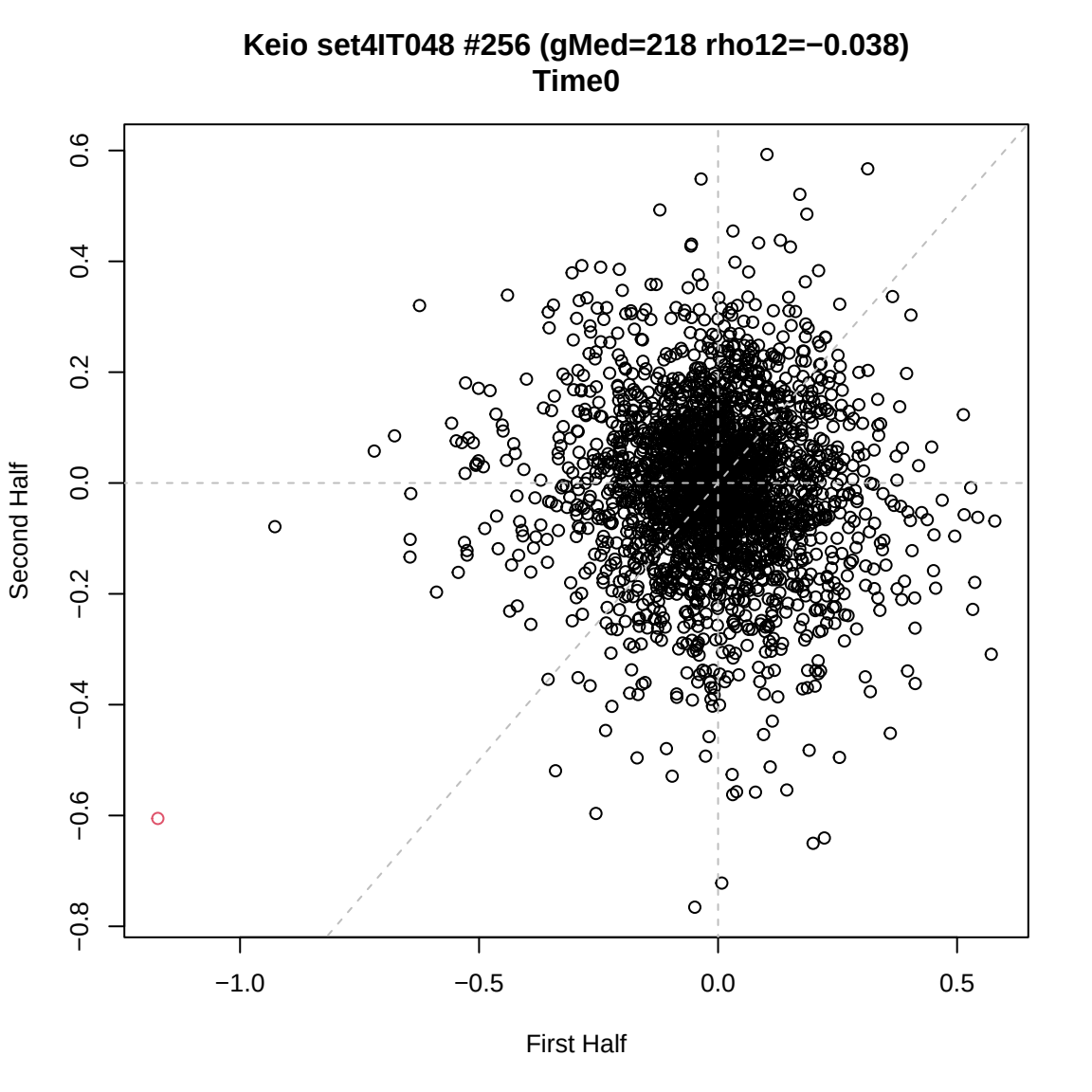

Keio set4IT043 #251 (gMed=234 rho12=0.140)
LB
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

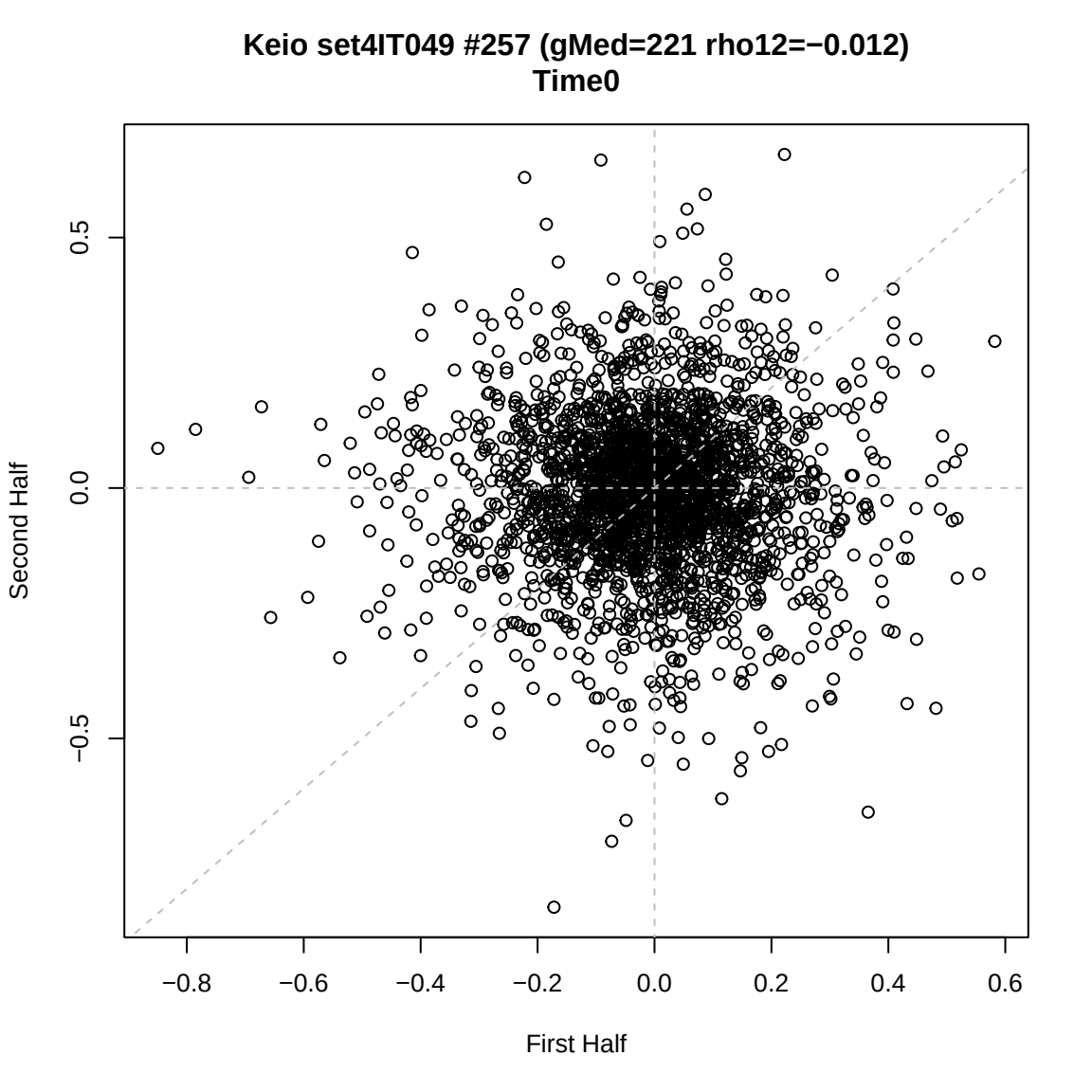

Keio set4IT044 #252 (gMed=252 rho12=0.168)
LB
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

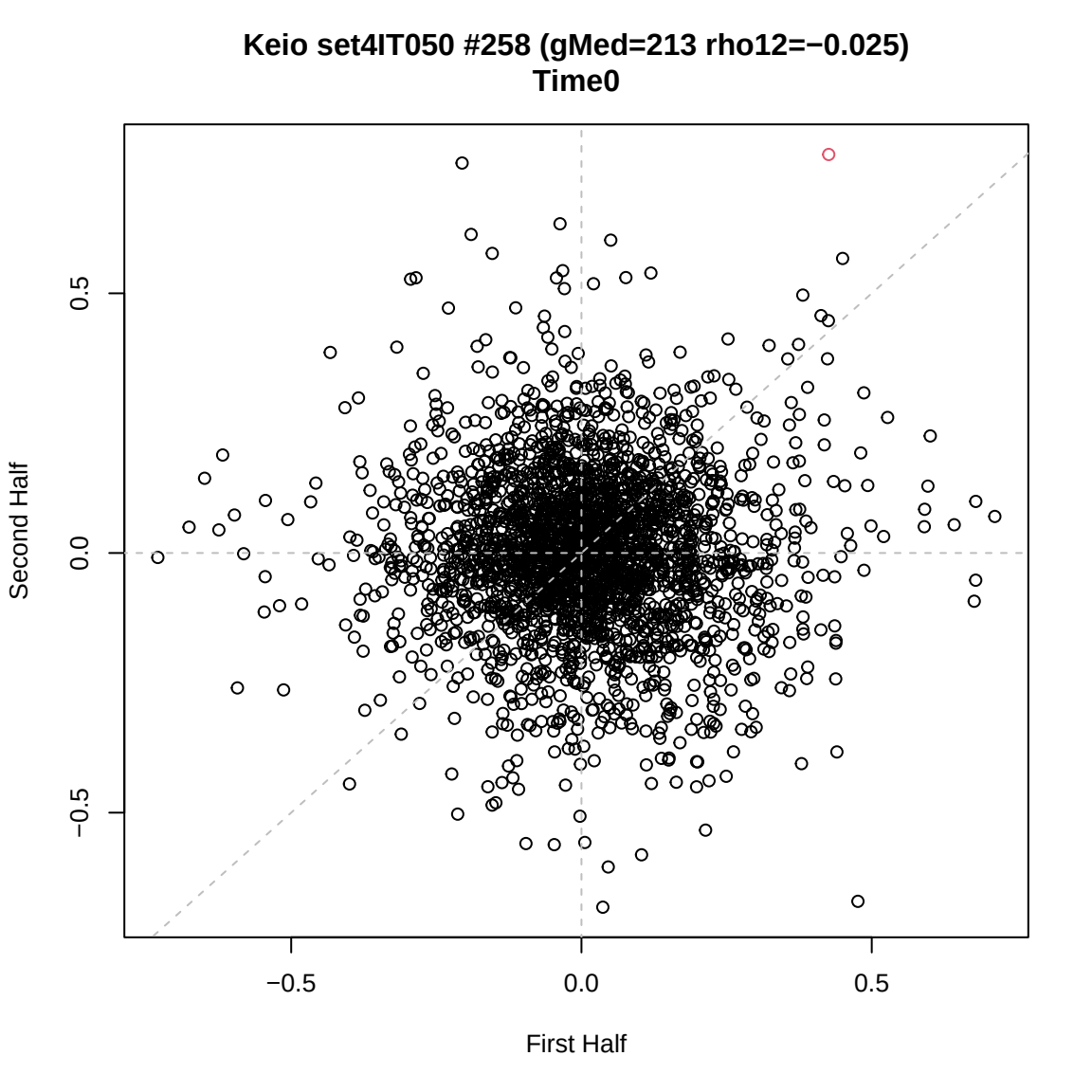

Keio set4IT045 #253 (gMed=216 rho12=0.007)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

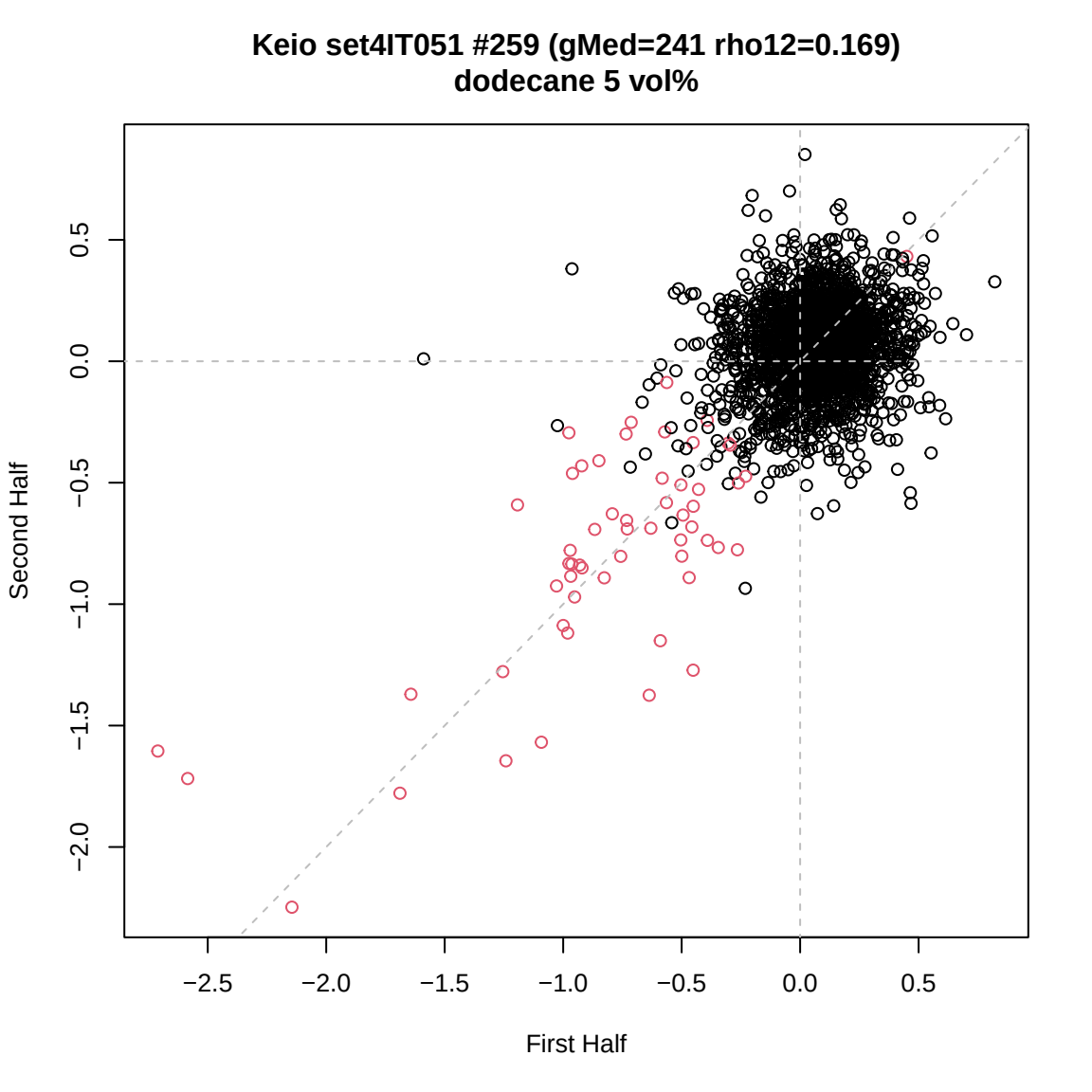

Keio set4IT046 #254 (gMed=208 rho12=−0.024)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

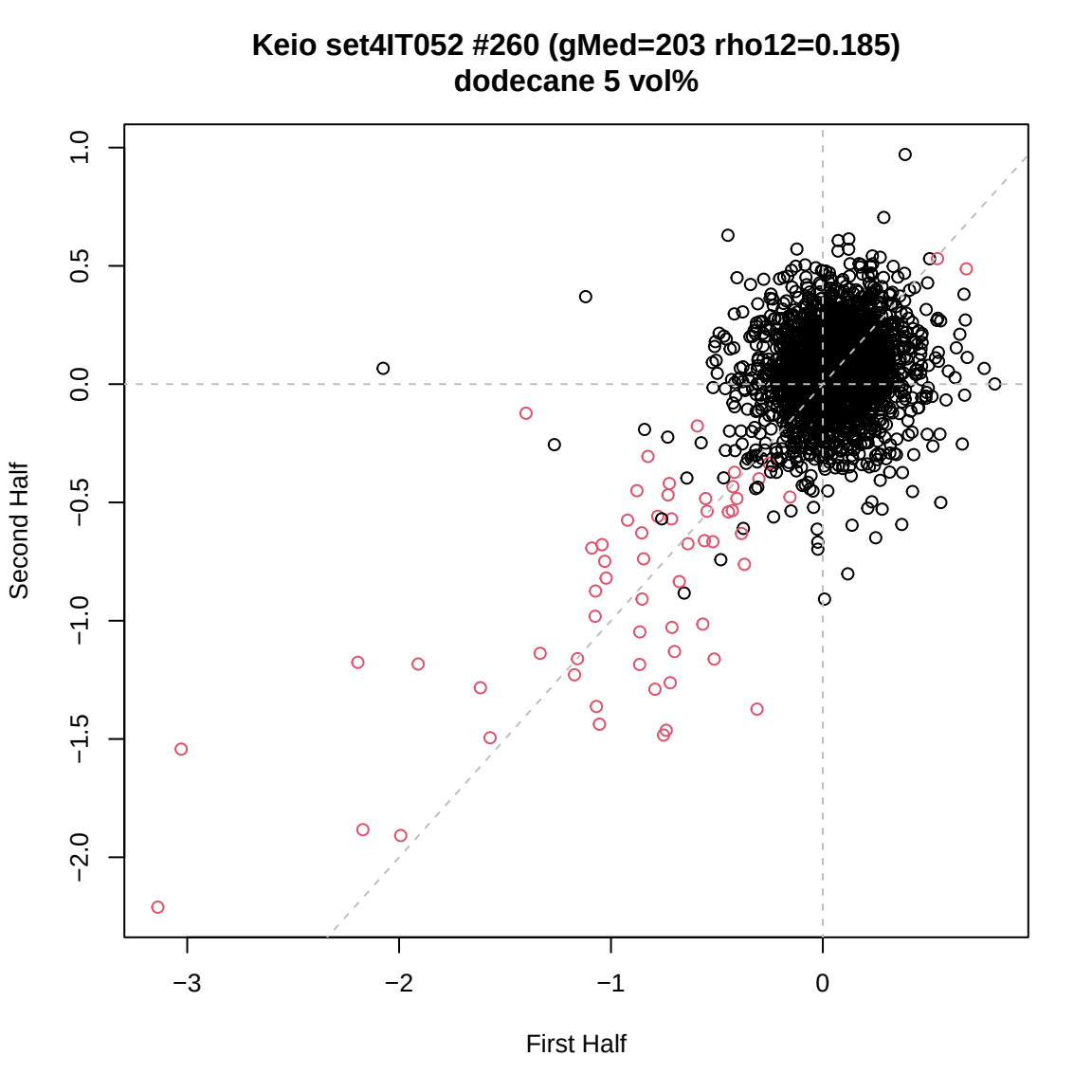

Keio set4IT047 #255 (gMed=187 rho12=−0.002)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.5
0.0
0.5

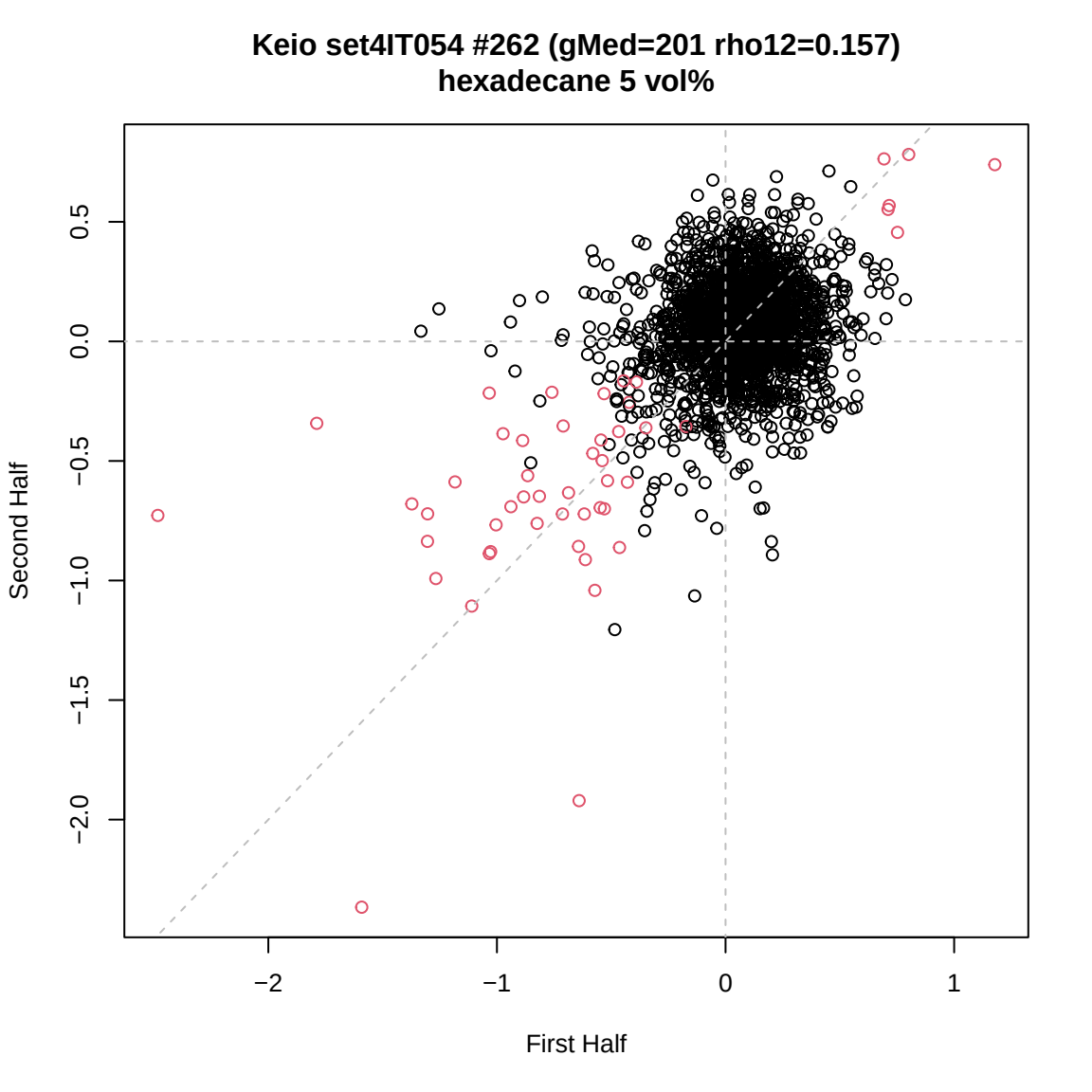

Keio set4IT048 #256 (gMed=218 rho12=−0.038)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−0.5
0.0
0.5

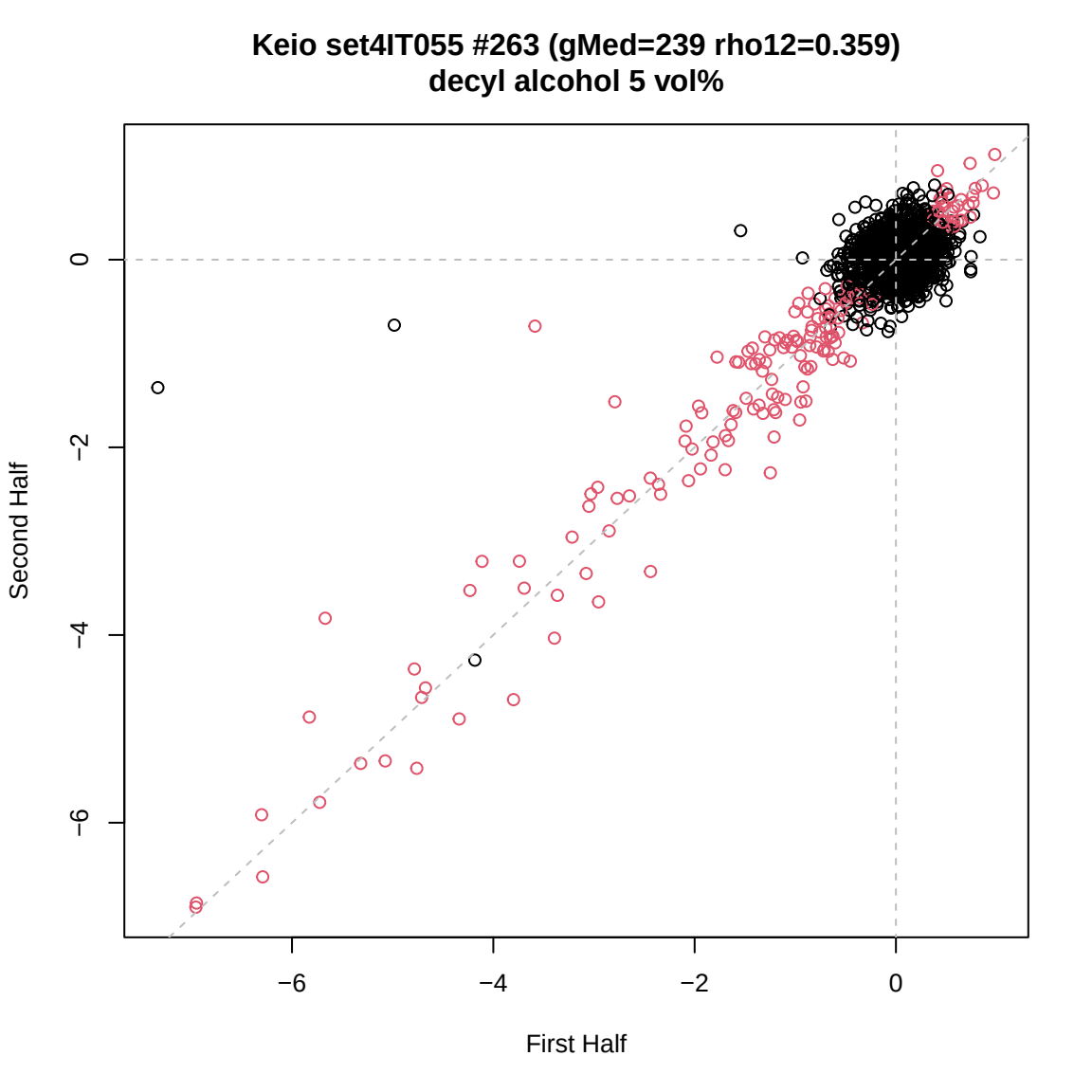

Keio set4IT049 #257 (gMed=221 rho12=−0.012)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6

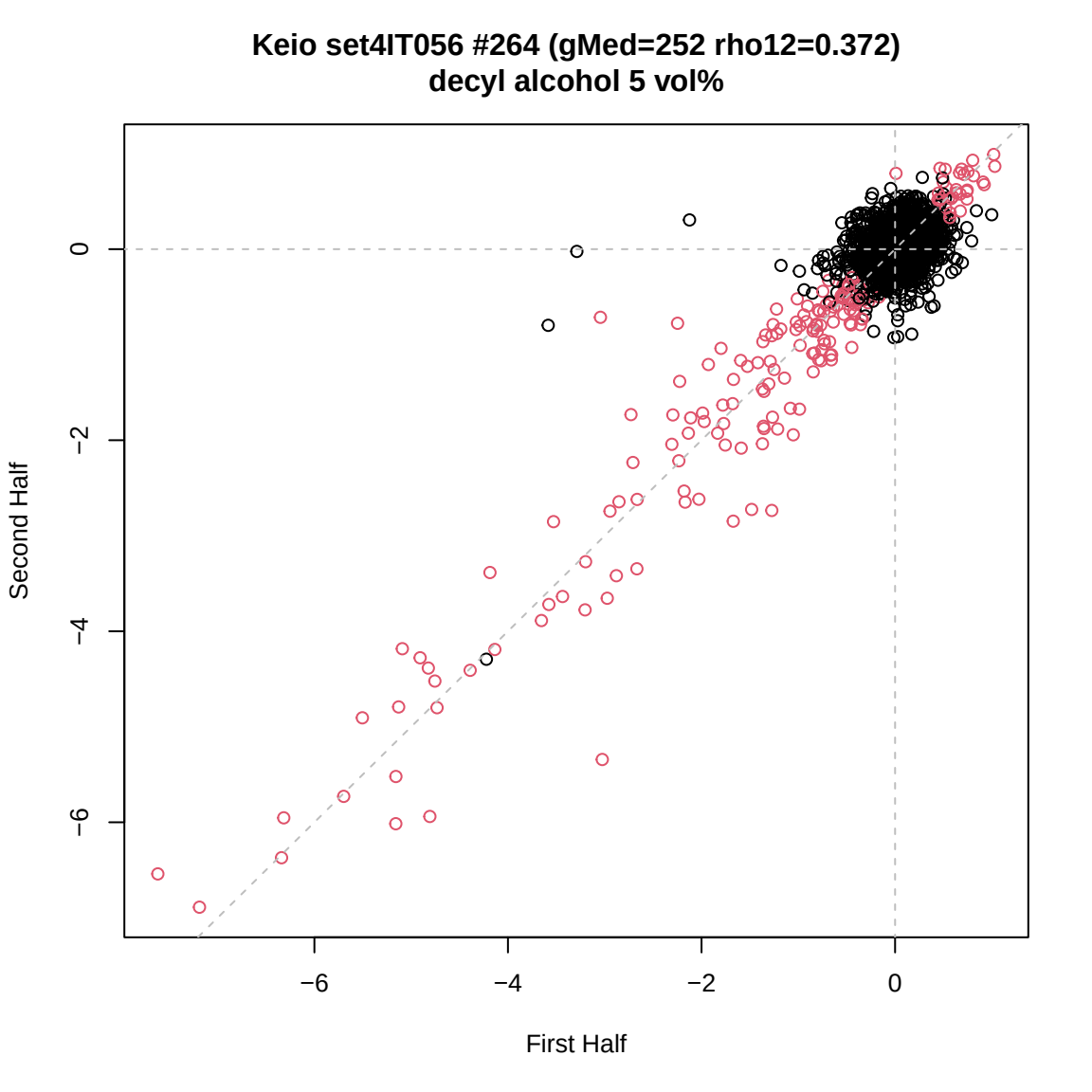

Keio set4IT050 #258 (gMed=213 rho12=−0.025)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.5
0.0
0.5

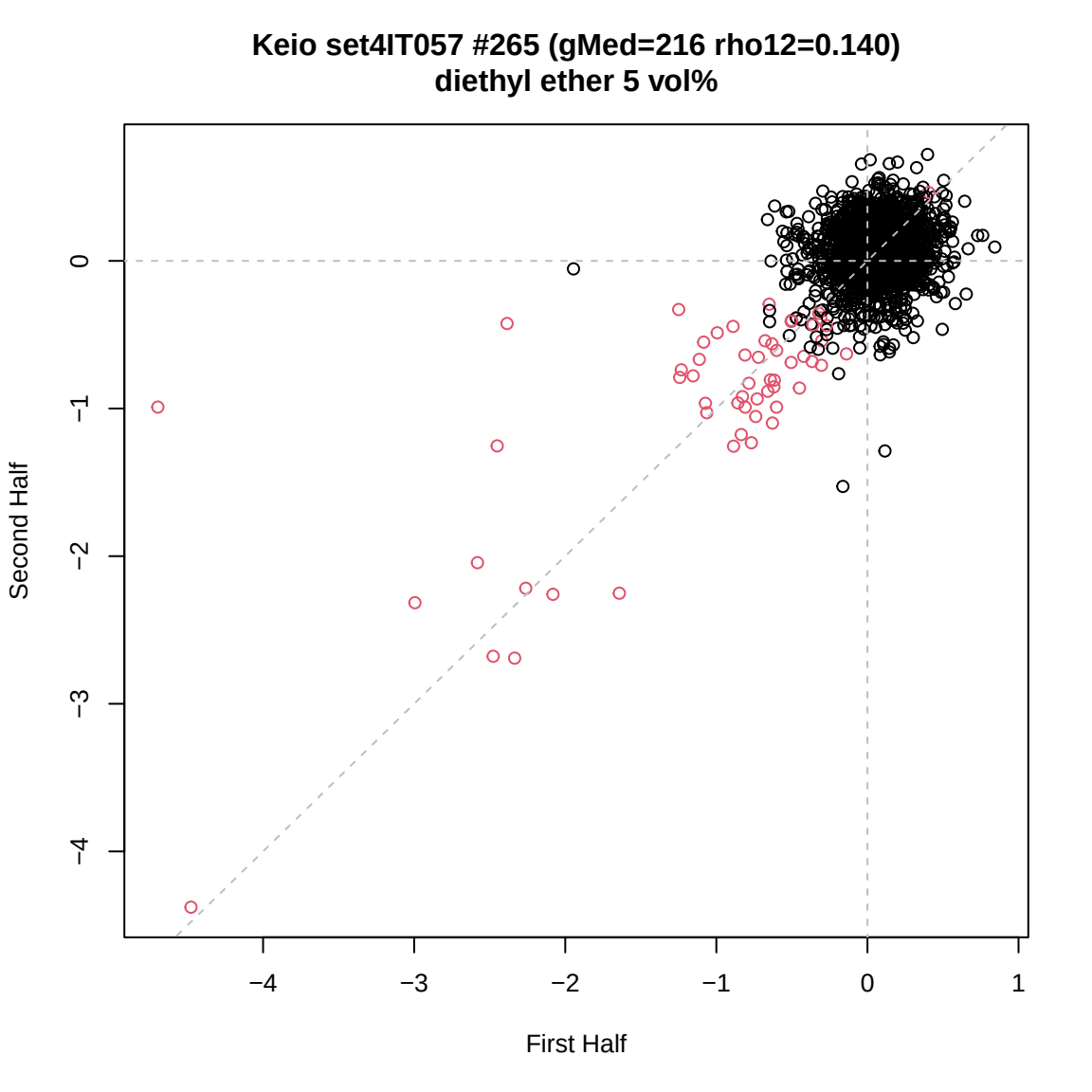

Keio set4IT051 #259 (gMed=241 rho12=0.169)
dodecane 5 vol%
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

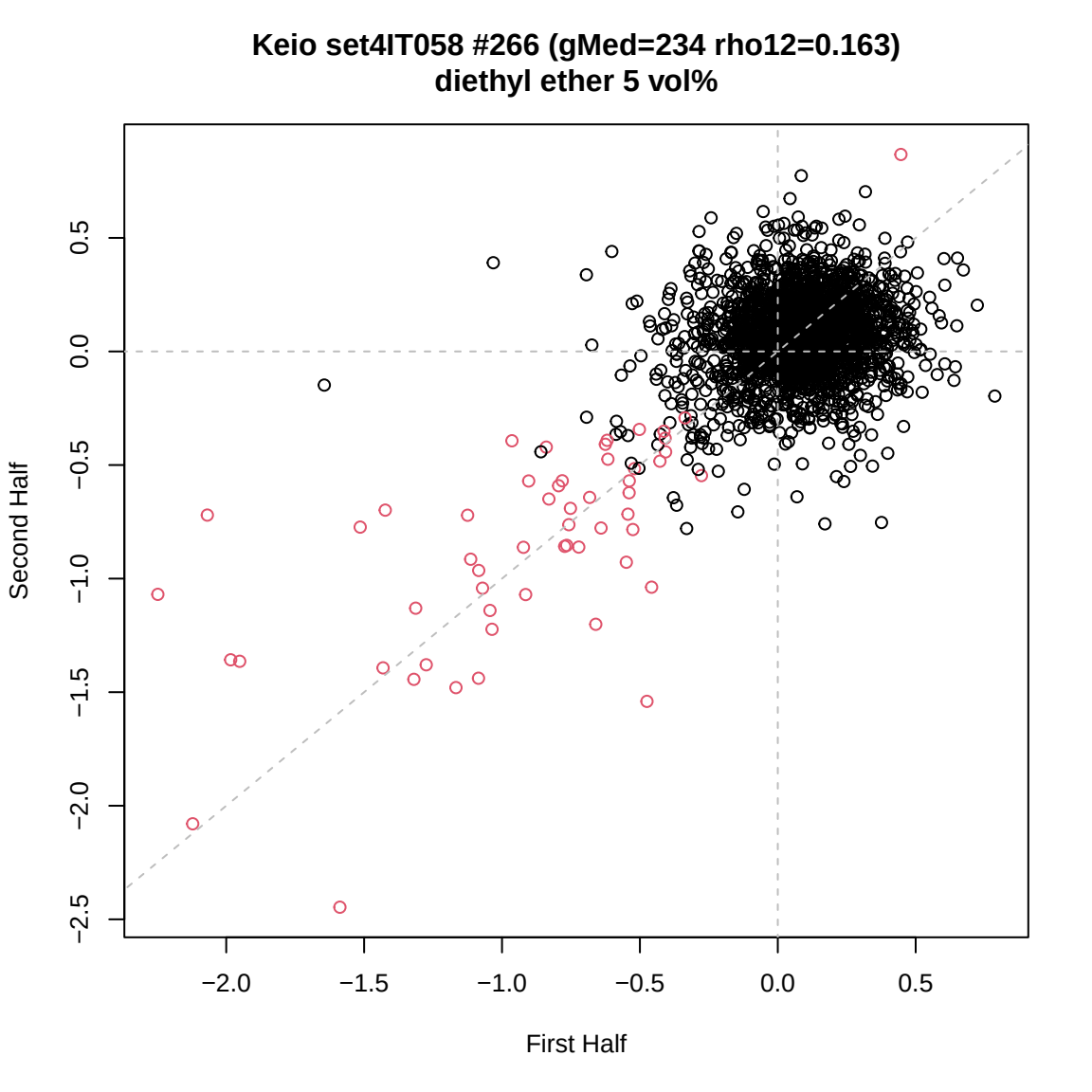

Keio set4IT052 #260 (gMed=203 rho12=0.185)
dodecane 5 vol%
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0

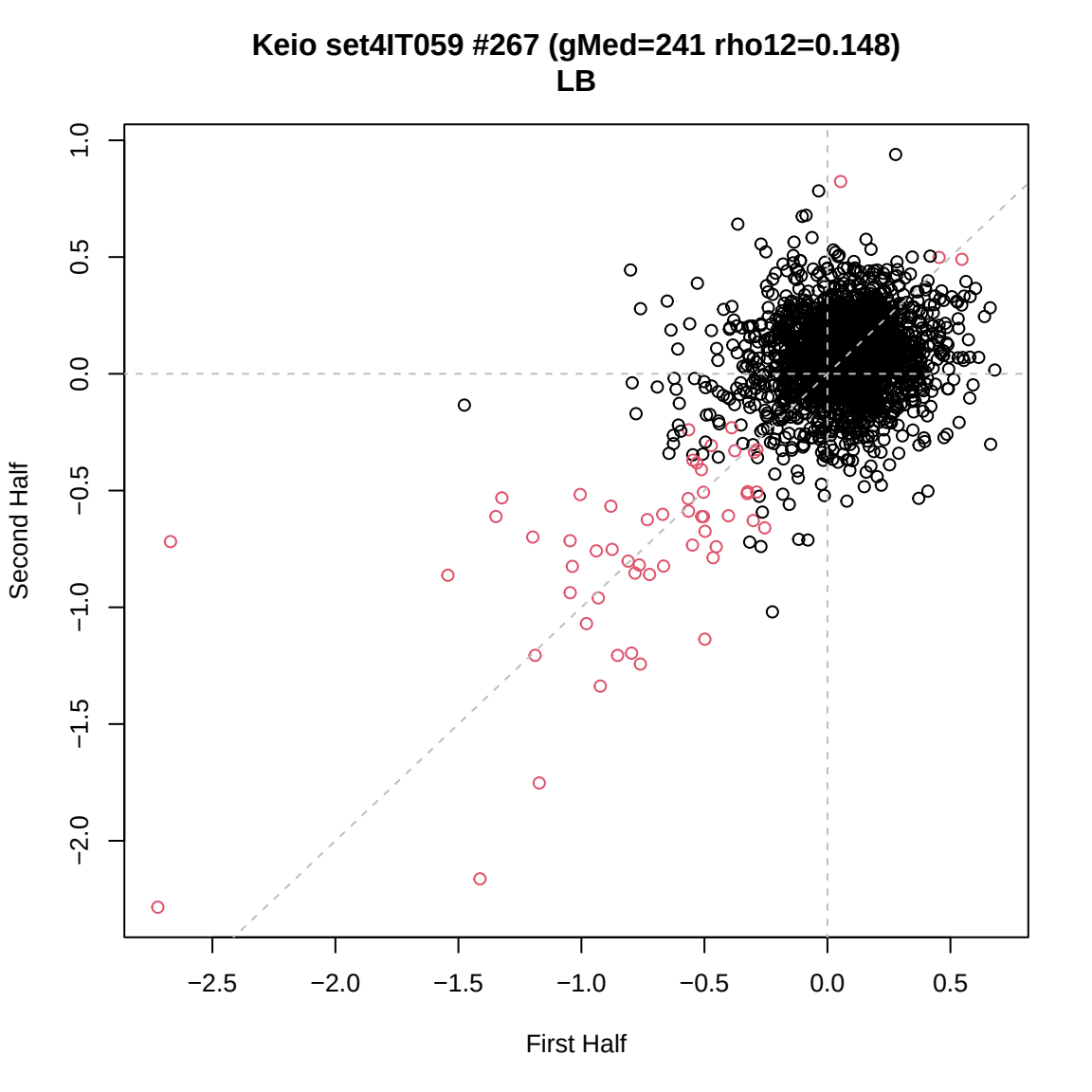

Keio set4IT054 #262 (gMed=201 rho12=0.157)
hexadecane 5 vol%
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

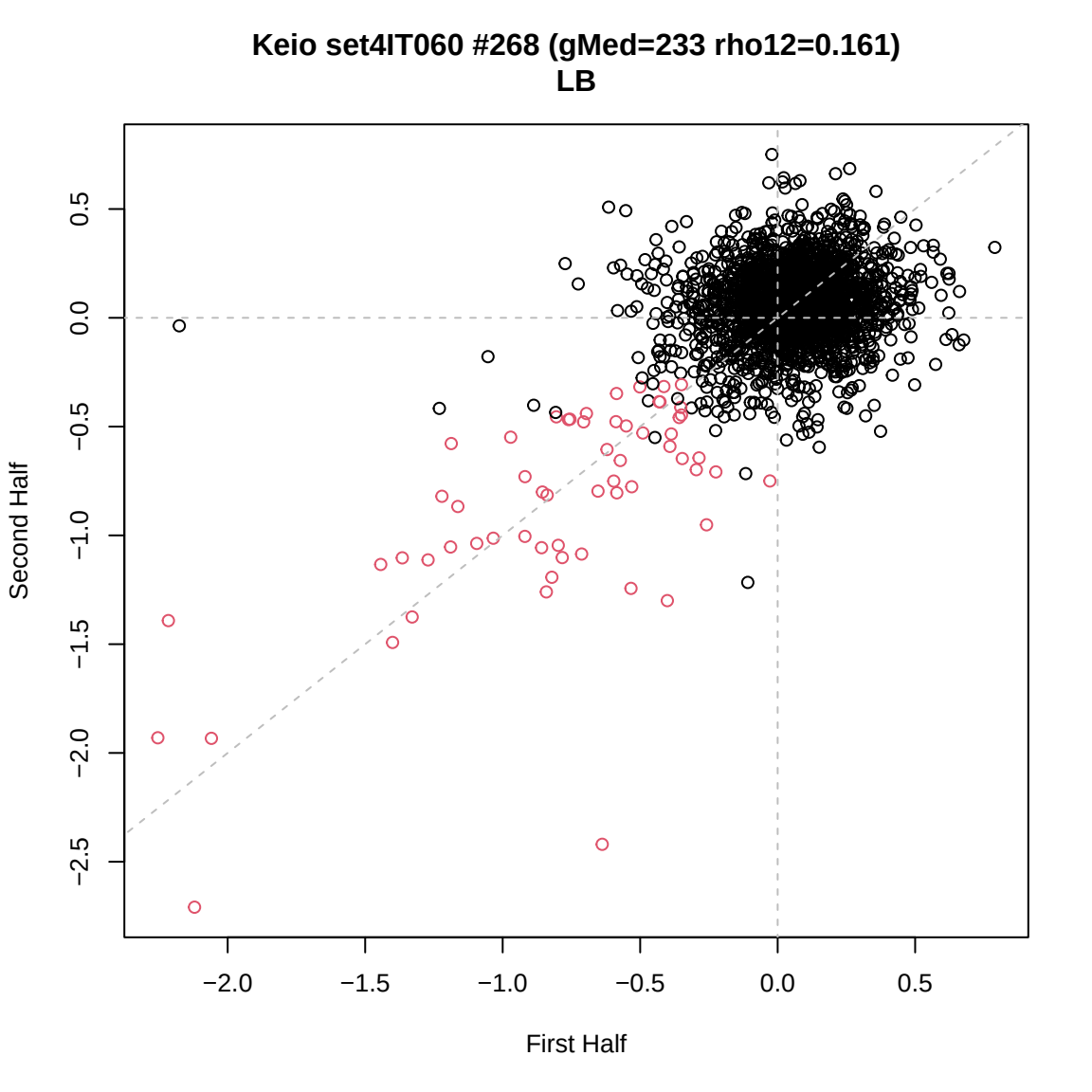

Keio set4lT055 #263 (gMed=239 rho12=0.359)
decyl alcohol 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

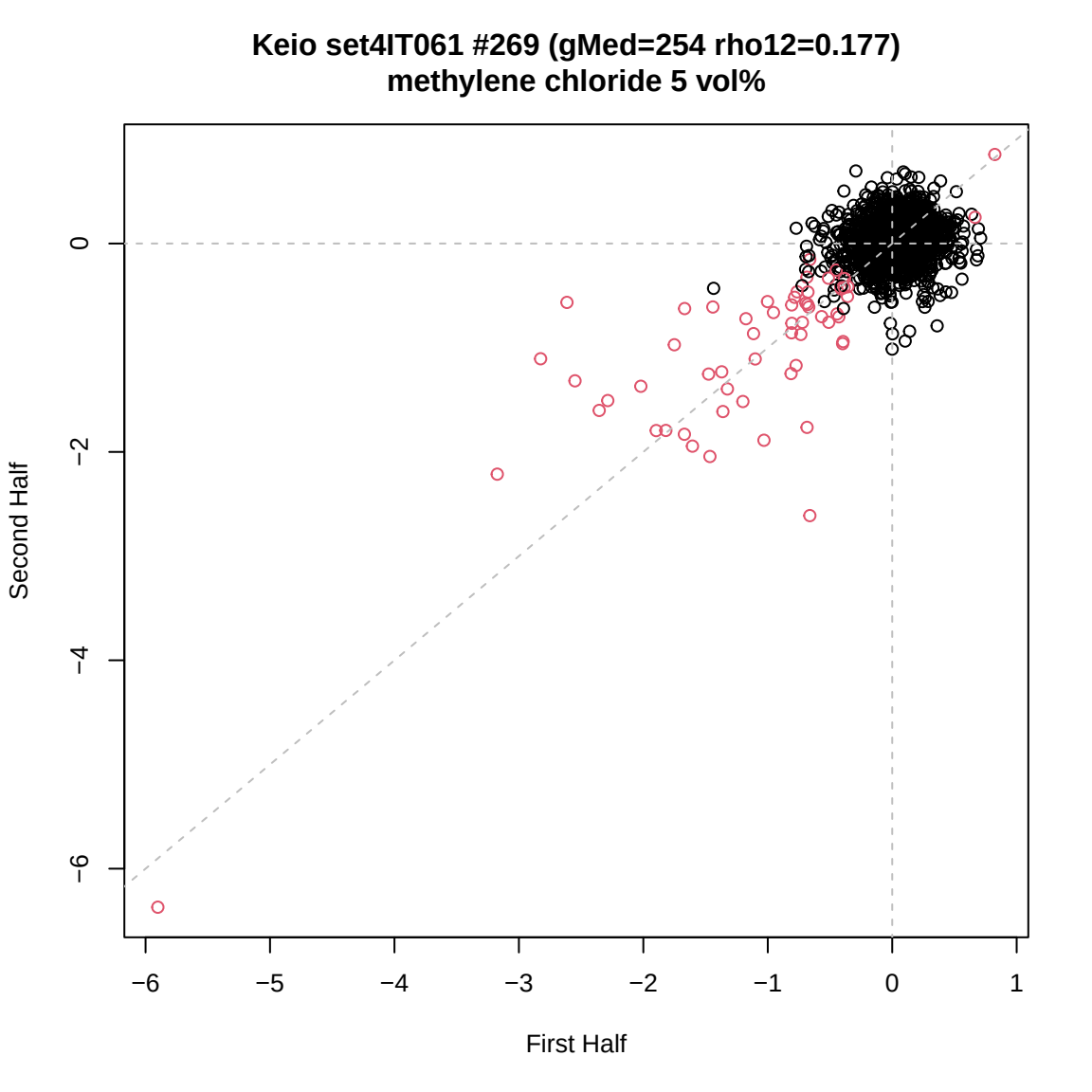

Keio set4lT056 #264 (gMed=252 rho12=0.372)
decyl alcohol 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

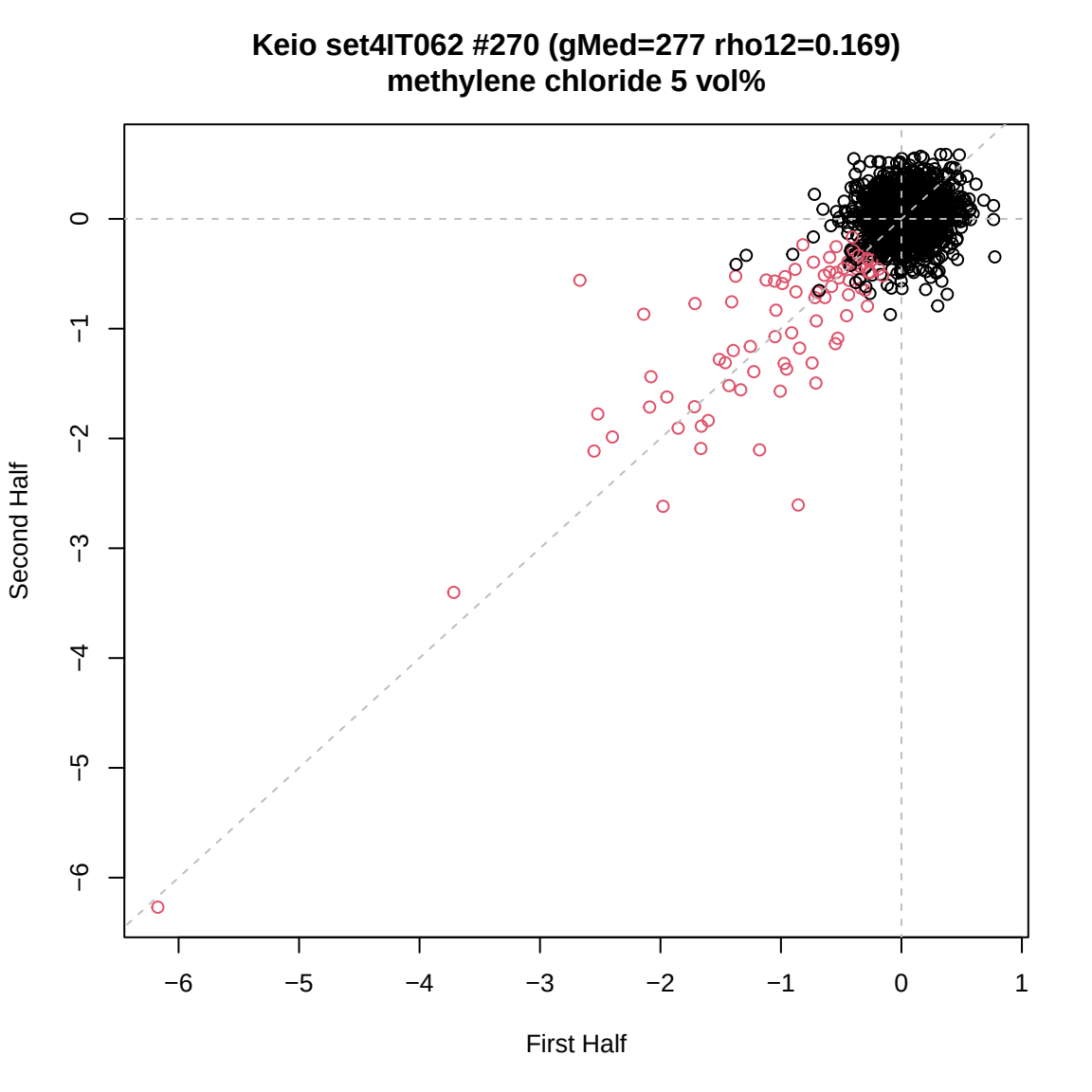

Keio set4IT057 #265 (gMed=216 rho12=0.140)
diethyl ether 5 vol%
Second Half
First Half
0
−1
−2
−3
−4
1

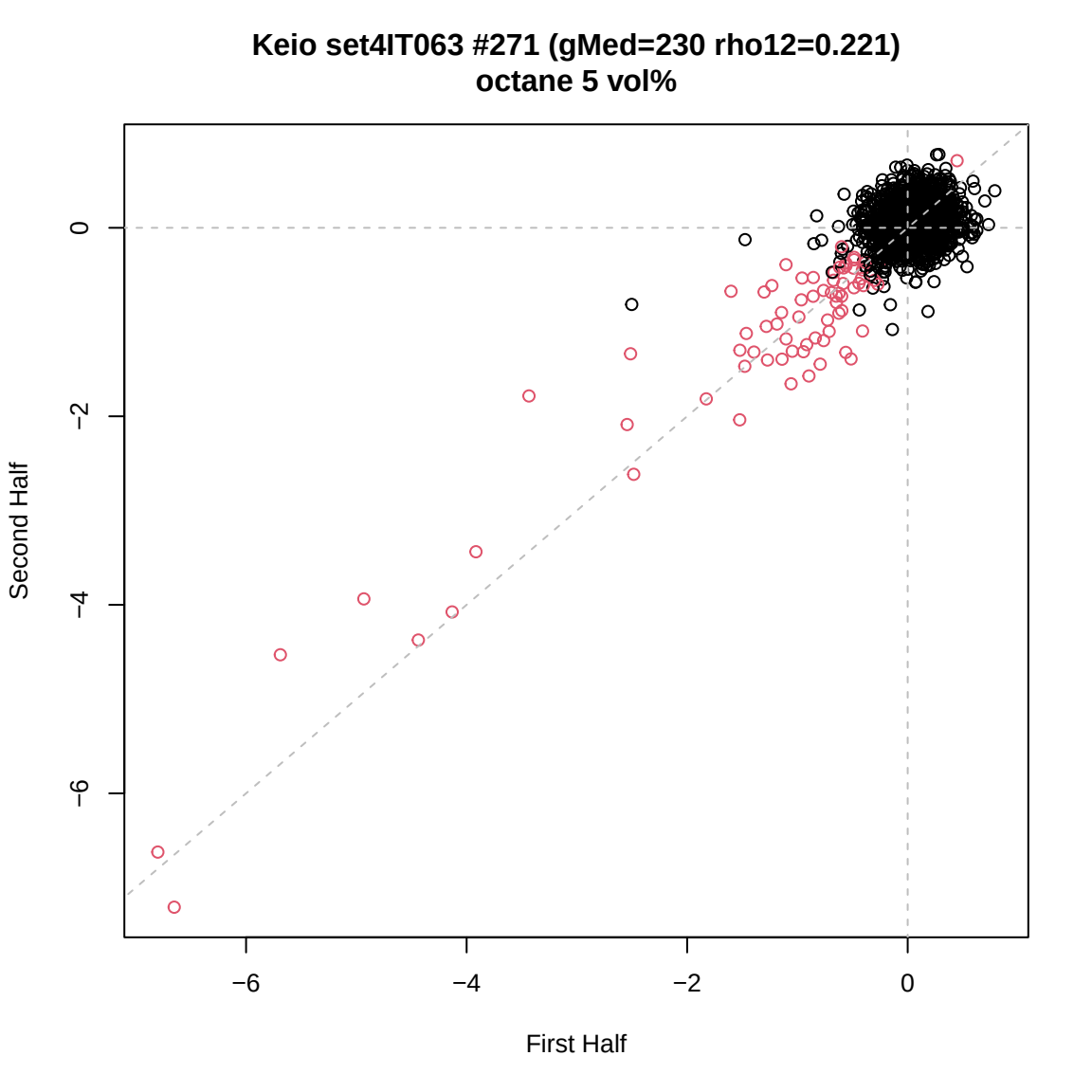

Keio set4IT058 #266 (gMed=234 rho12=0.163)
diethyl ether 5 vol%
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

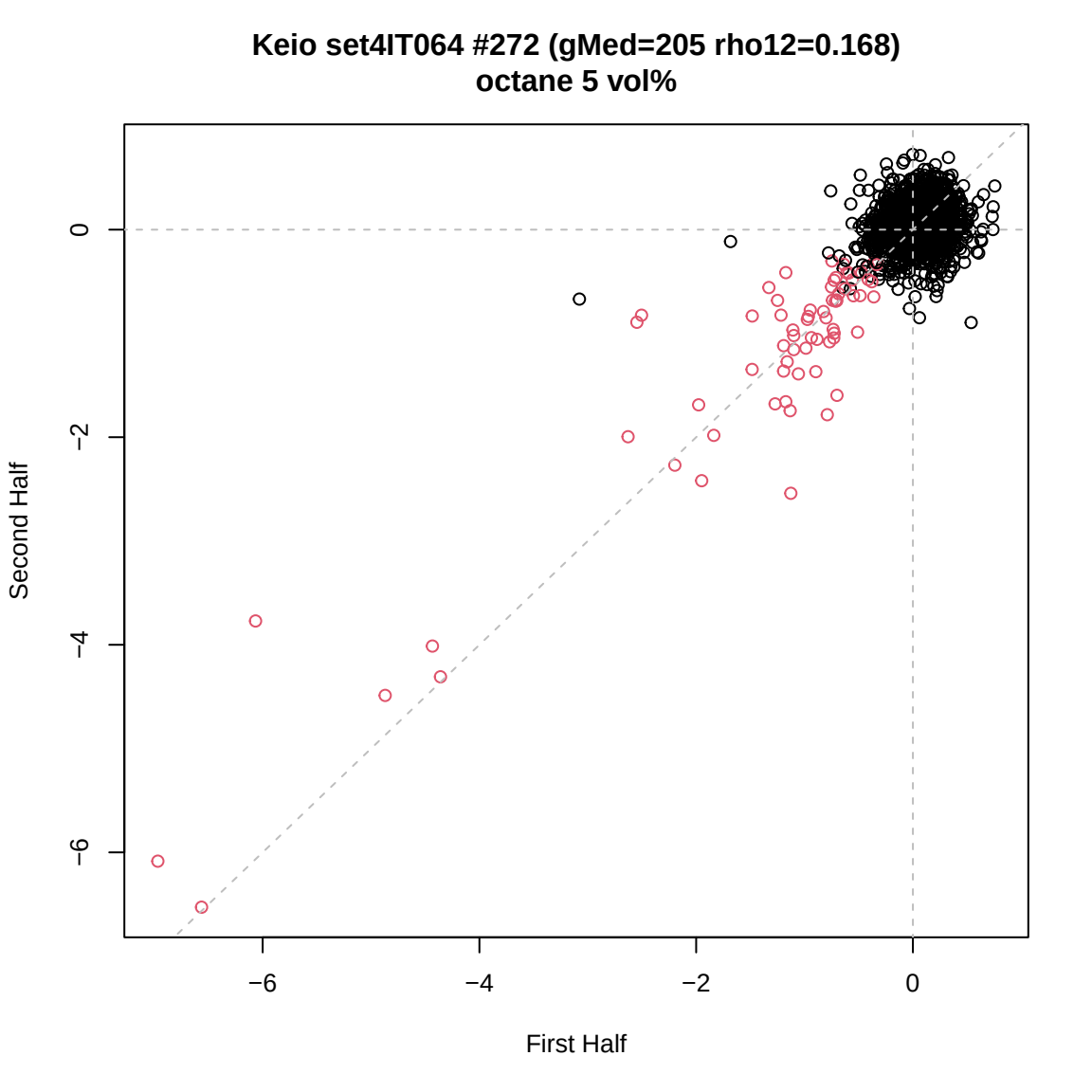

Keio set4IT059 #267 (gMed=241 rho12=0.148)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

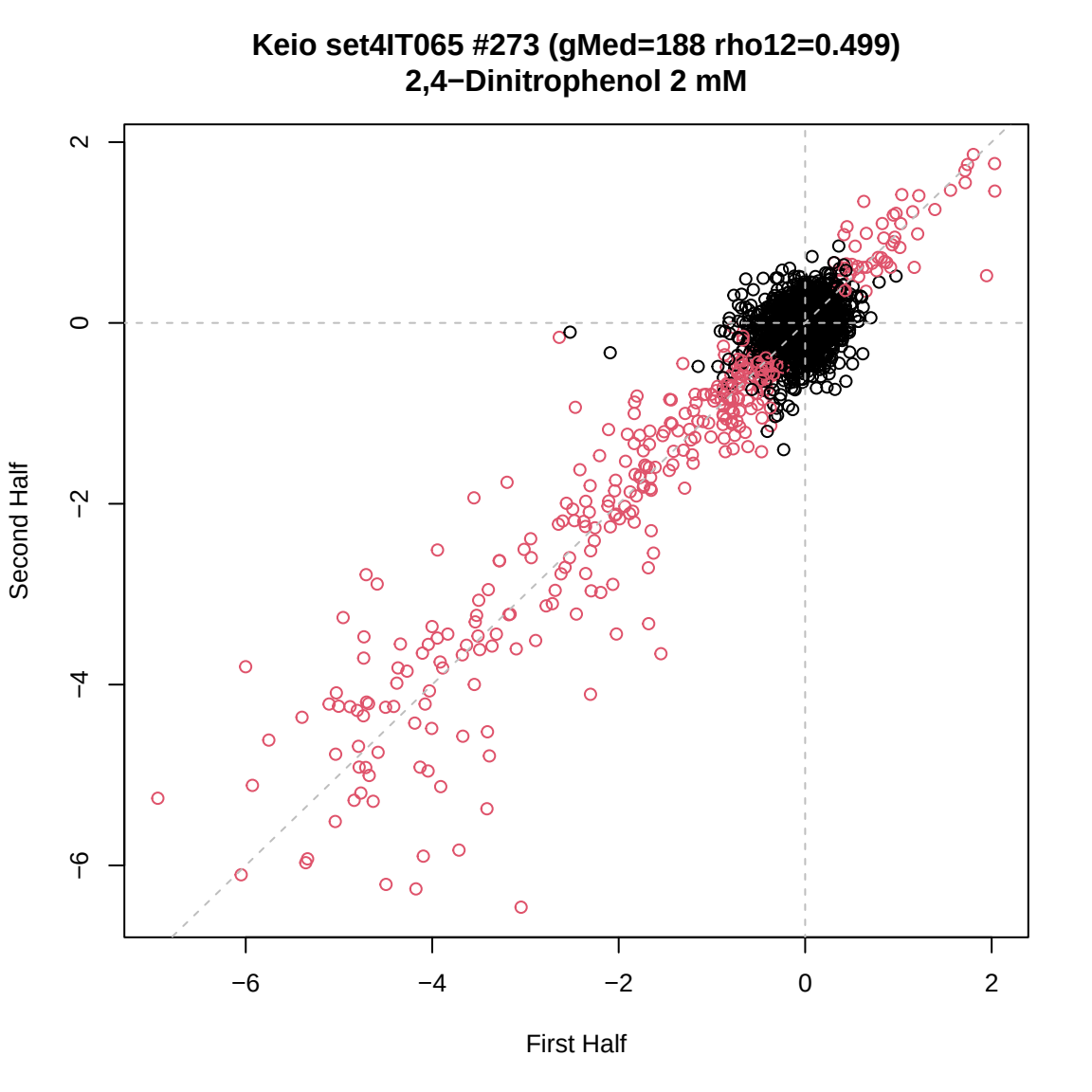

Keio set4IT060 #268 (gMed=233 rho12=0.161)
LB
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

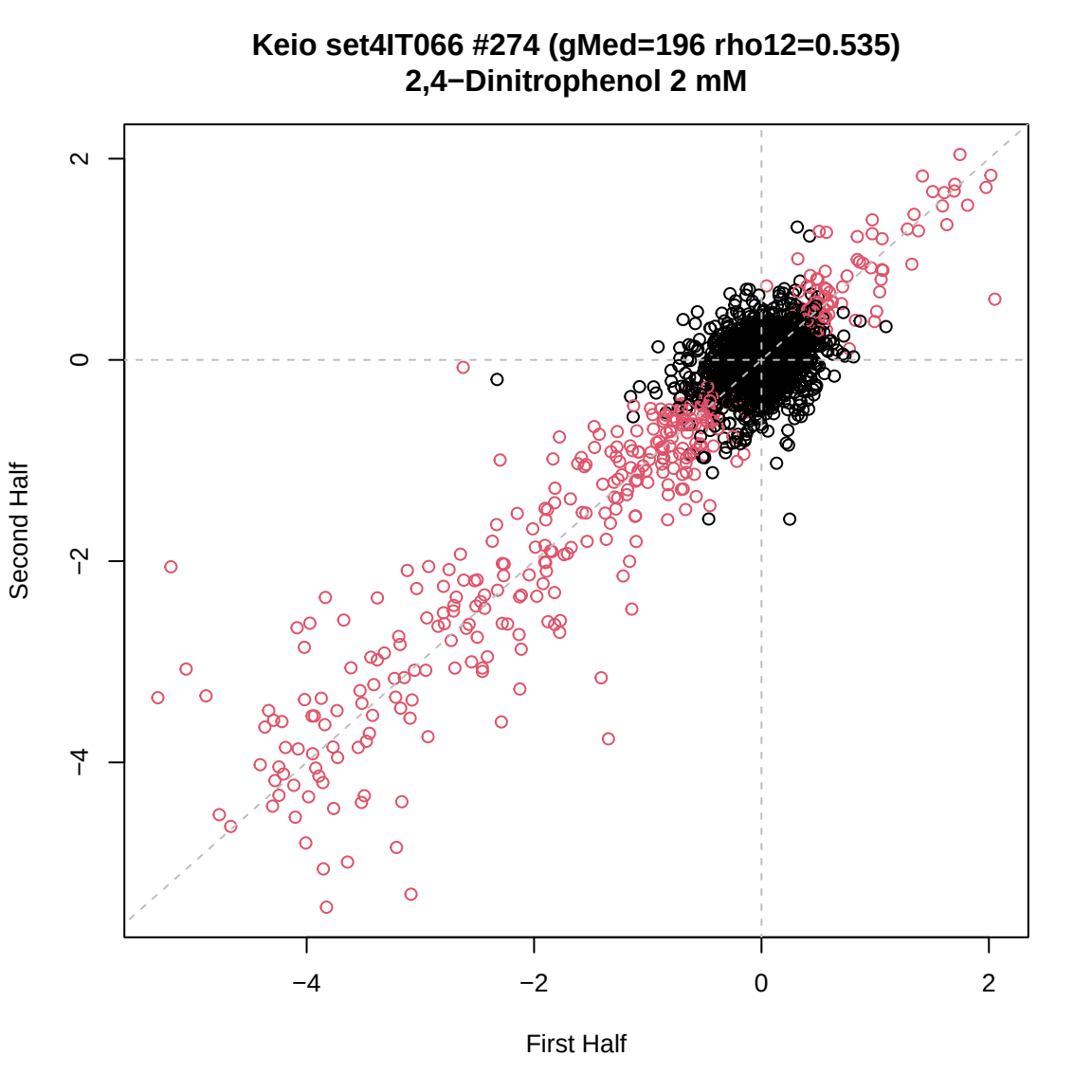

Keio set4lT061 #269 (gMed=254 rho12=0.177)
methylene chloride 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−5
−4
−3
−2
−1
0
1

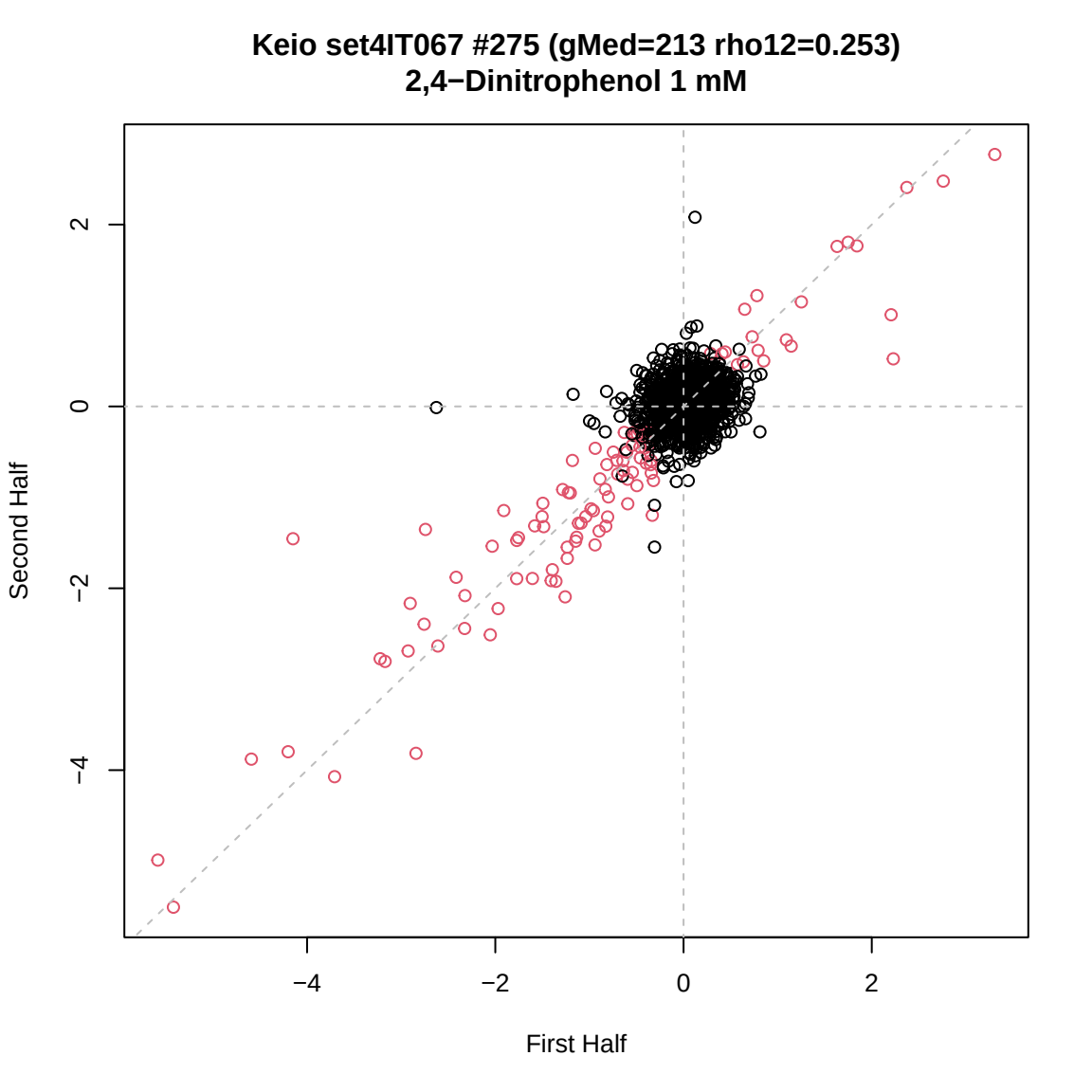

Keio set4lT062 #270 (gMed=277 rho12=0.169)
methylene chloride 5 vol%
Second Half
First Half
0
−1
−2
−3
−4
−5
−6
−6
−5
−4
−3
−2
−1
0
1

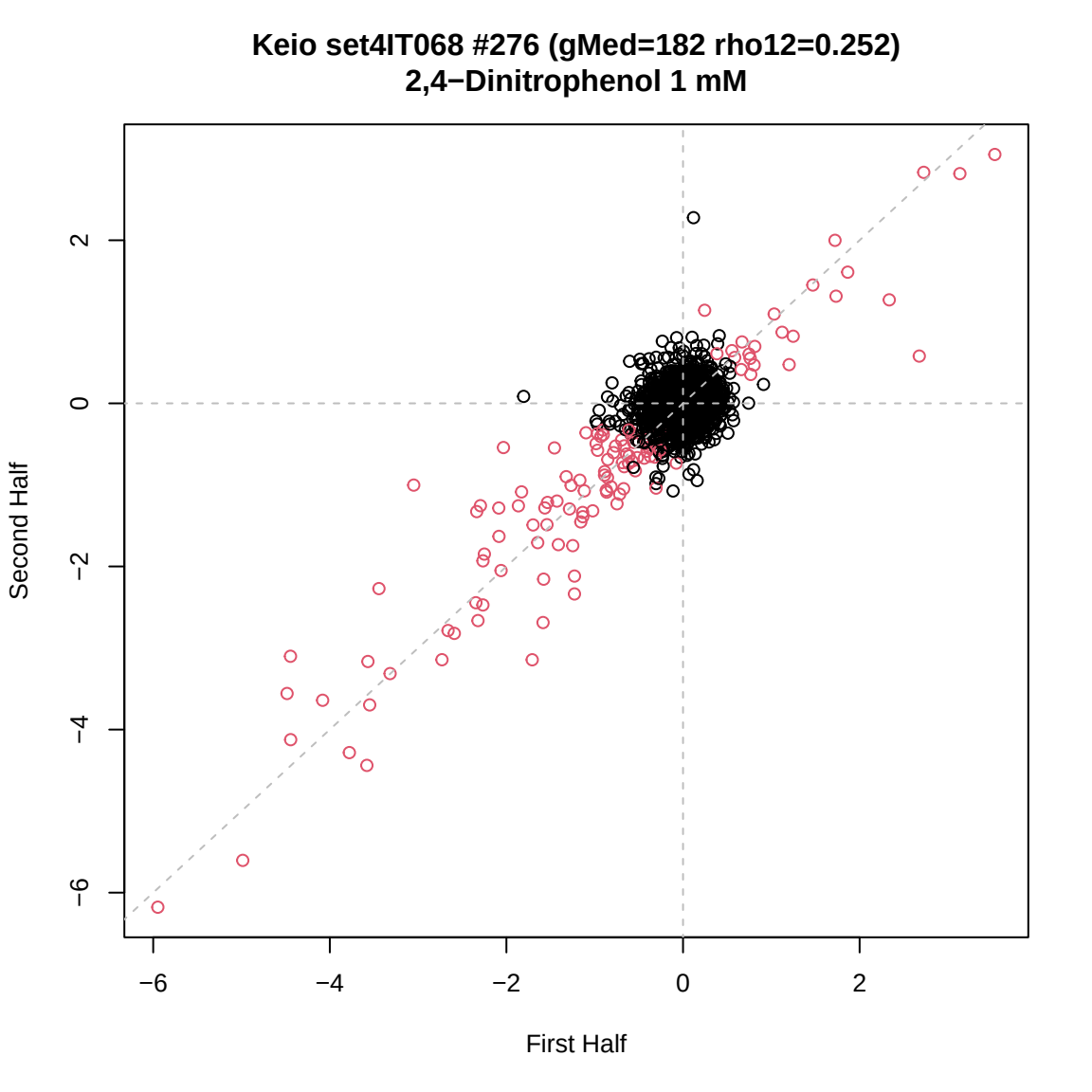

Keio set4IT063 #271 (gMed=230 rho12=0.221)
octane 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

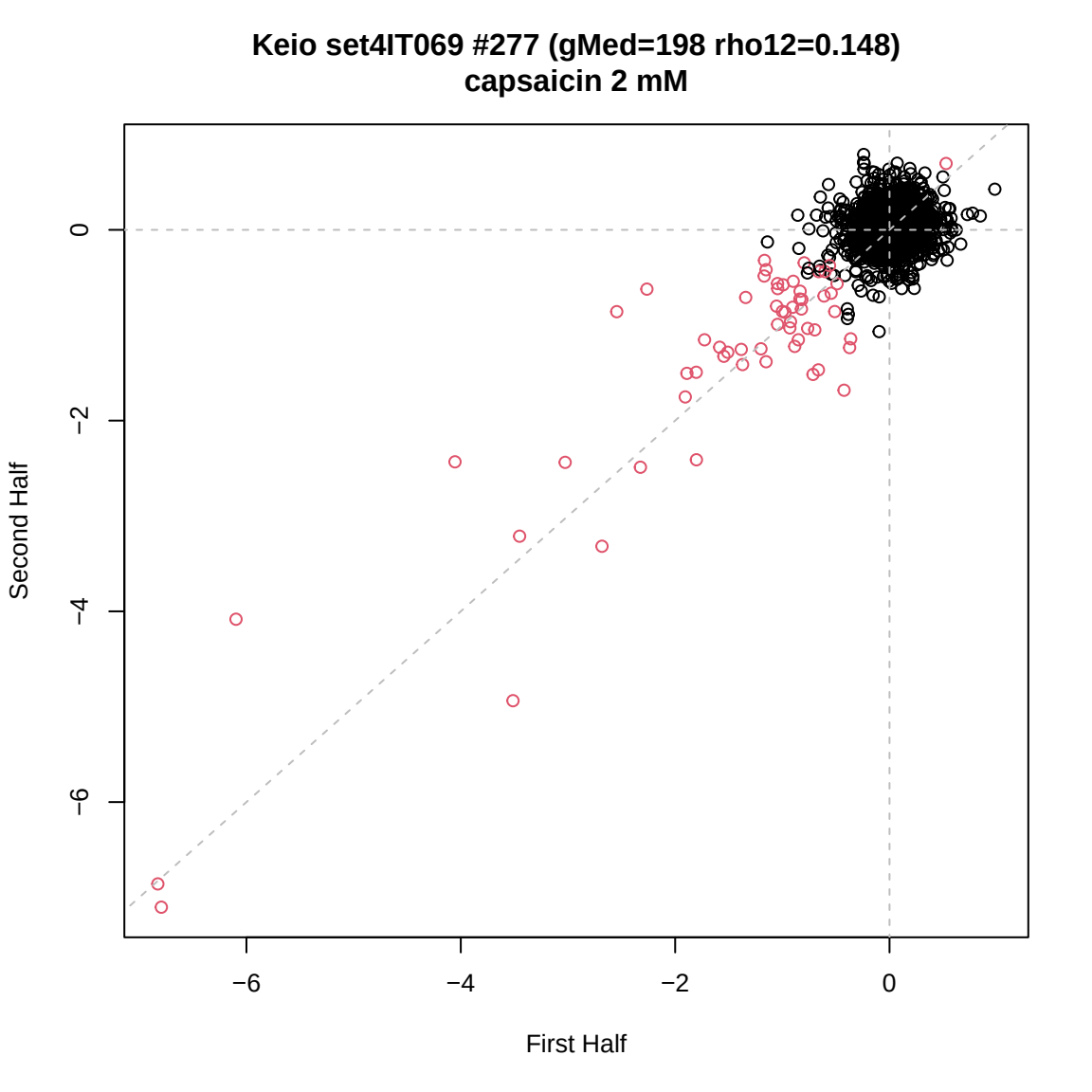

Keio set4lT064 #272 (gMed=205 rho12=0.168)
octane 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

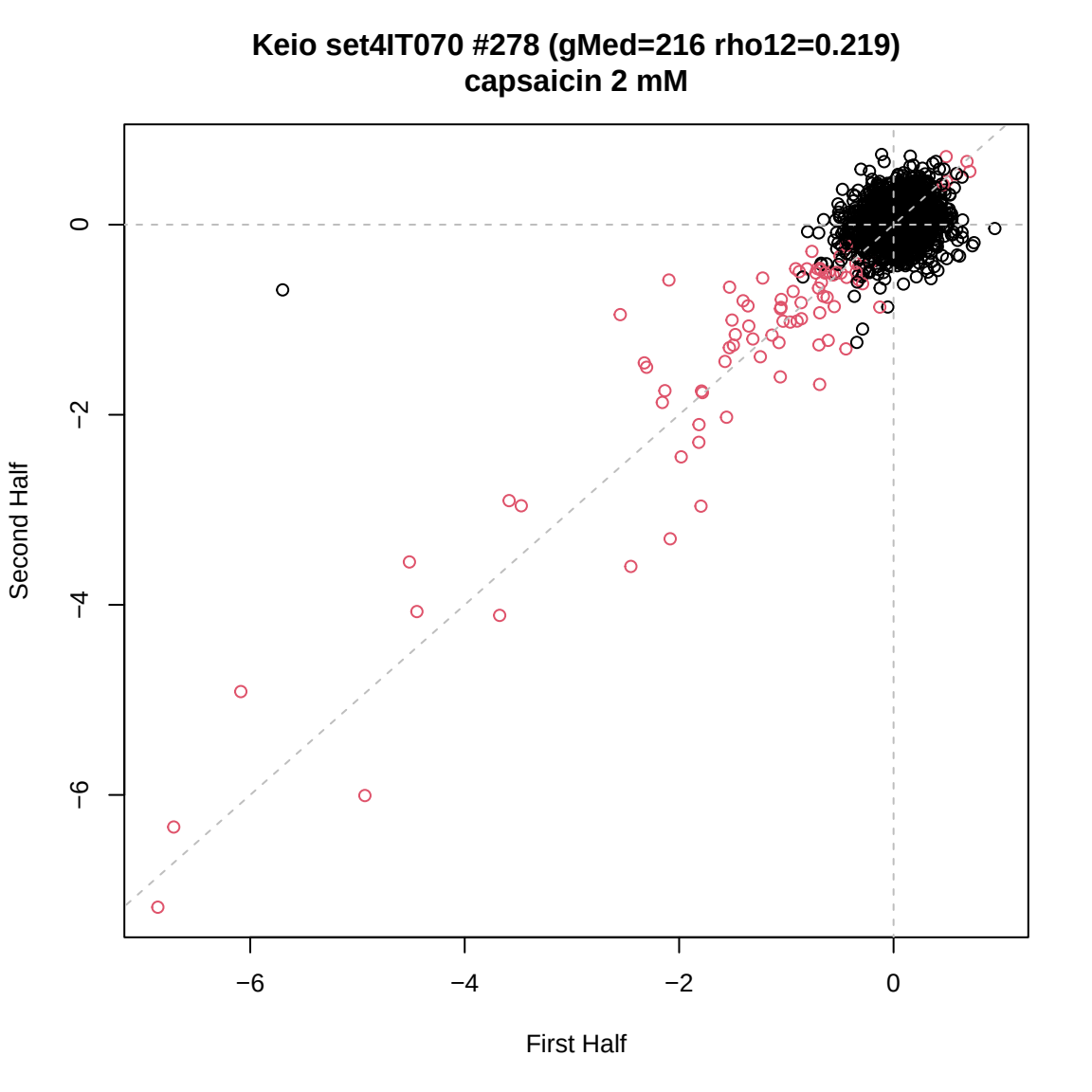

Keio set4lT065 #273 (gMed=188 rho12=0.499)
2,4−Dinitrophenol 2 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

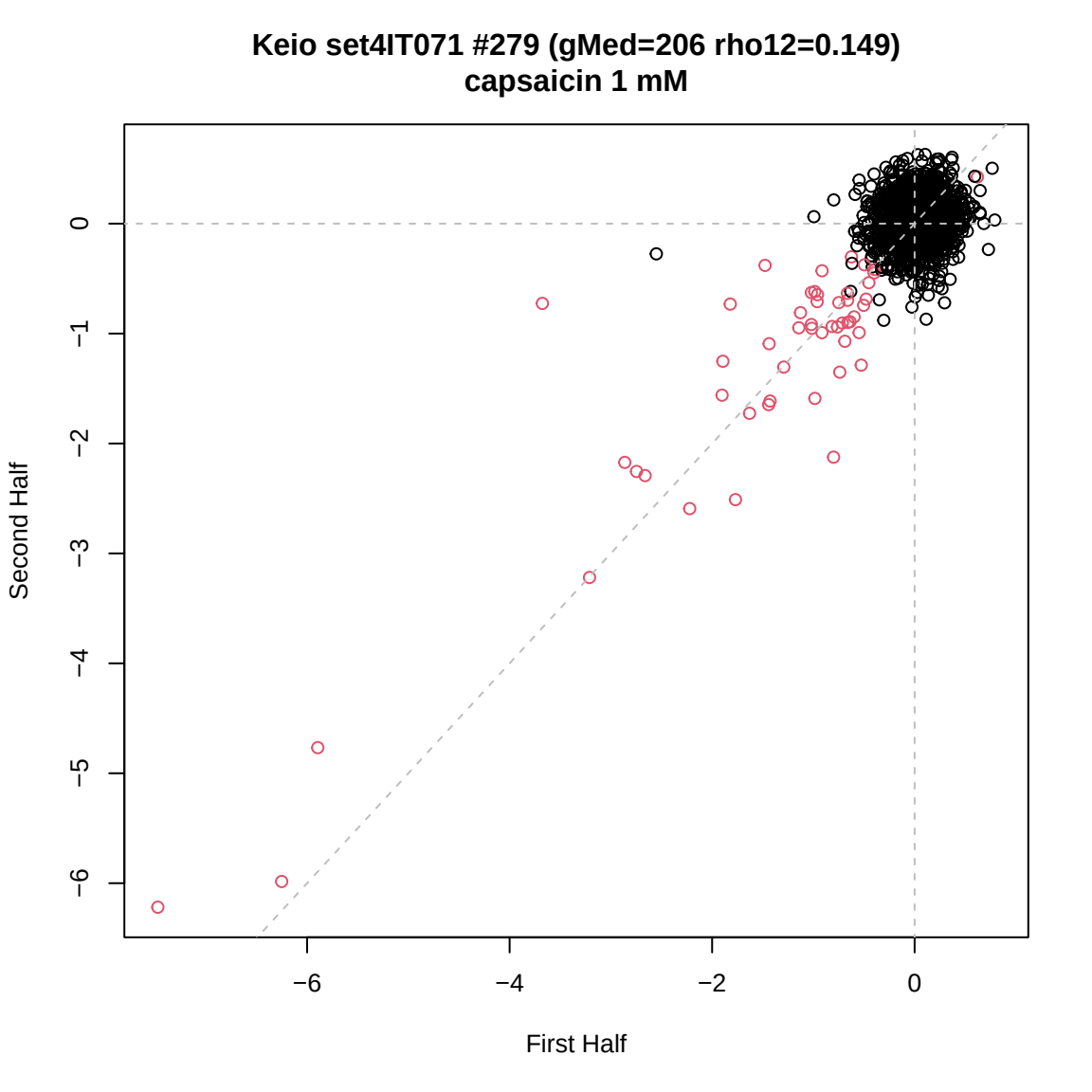

Keio set4lT066 #274 (gMed=196 rho12=0.535)
2,4−Dinitrophenol 2 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

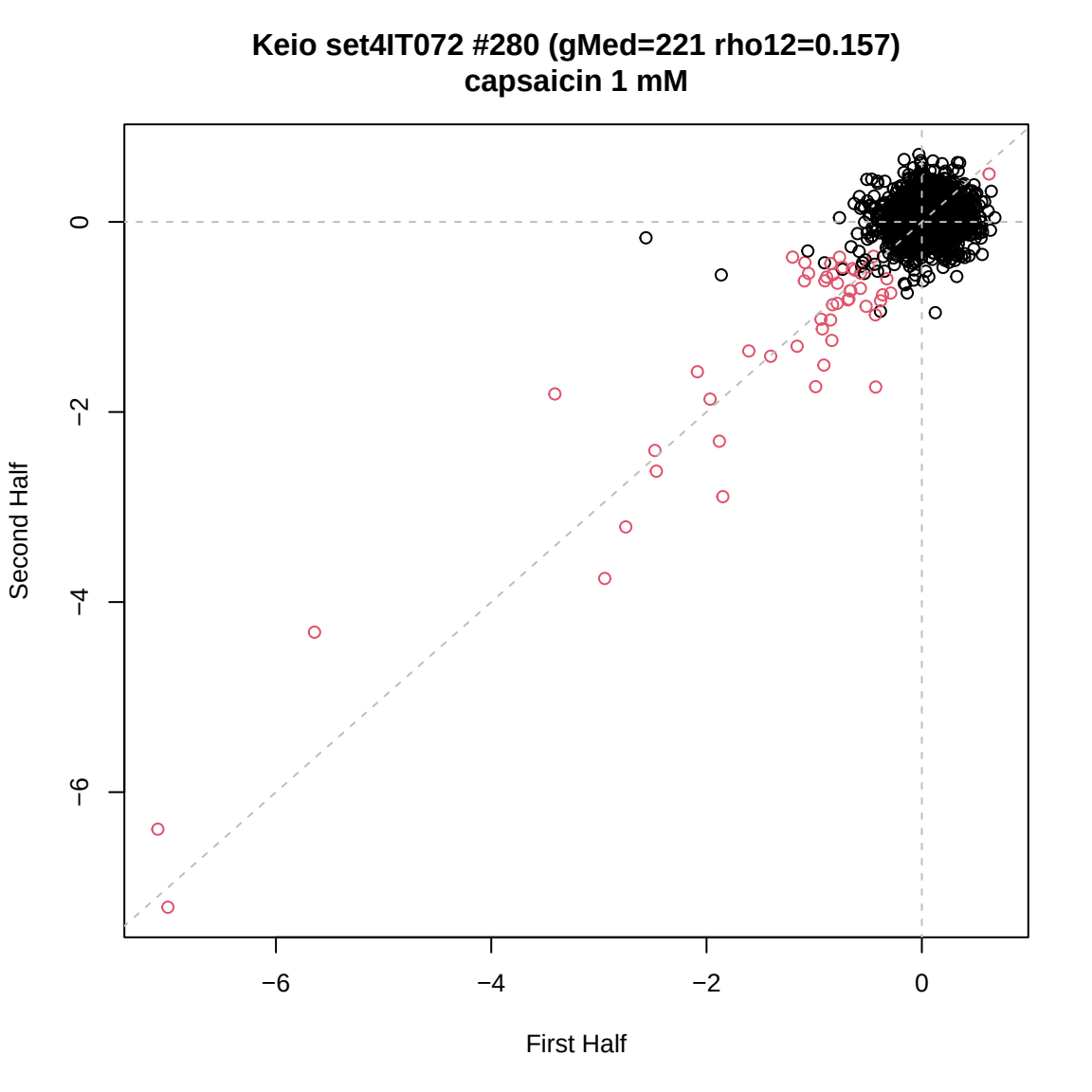

Keio set4IT067 #275 (gMed=213 rho12=0.253)
2,4−Dinitrophenol 1 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

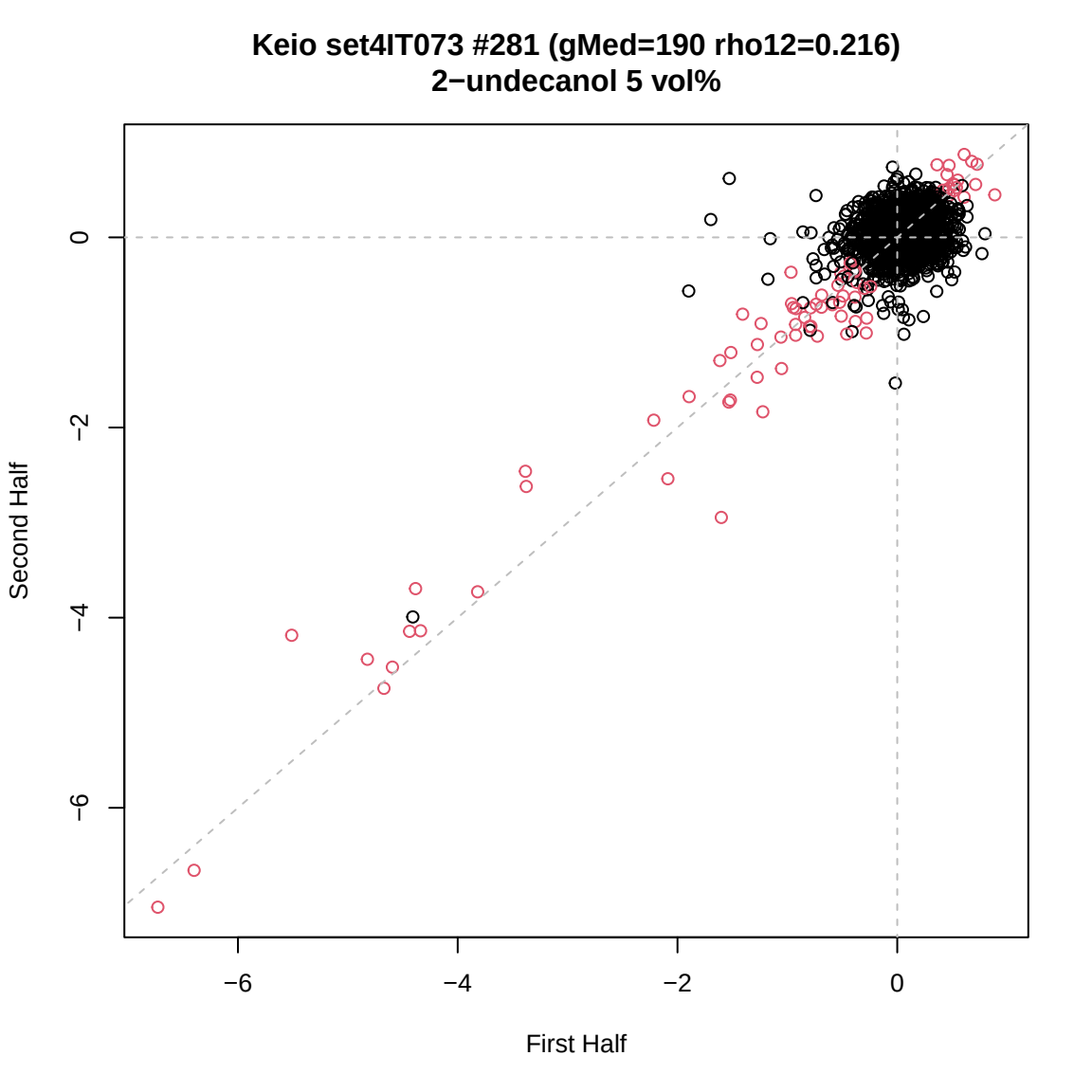

Keio set4lT068 #276 (gMed=182 rho12=0.252)
2,4−Dinitrophenol 1 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

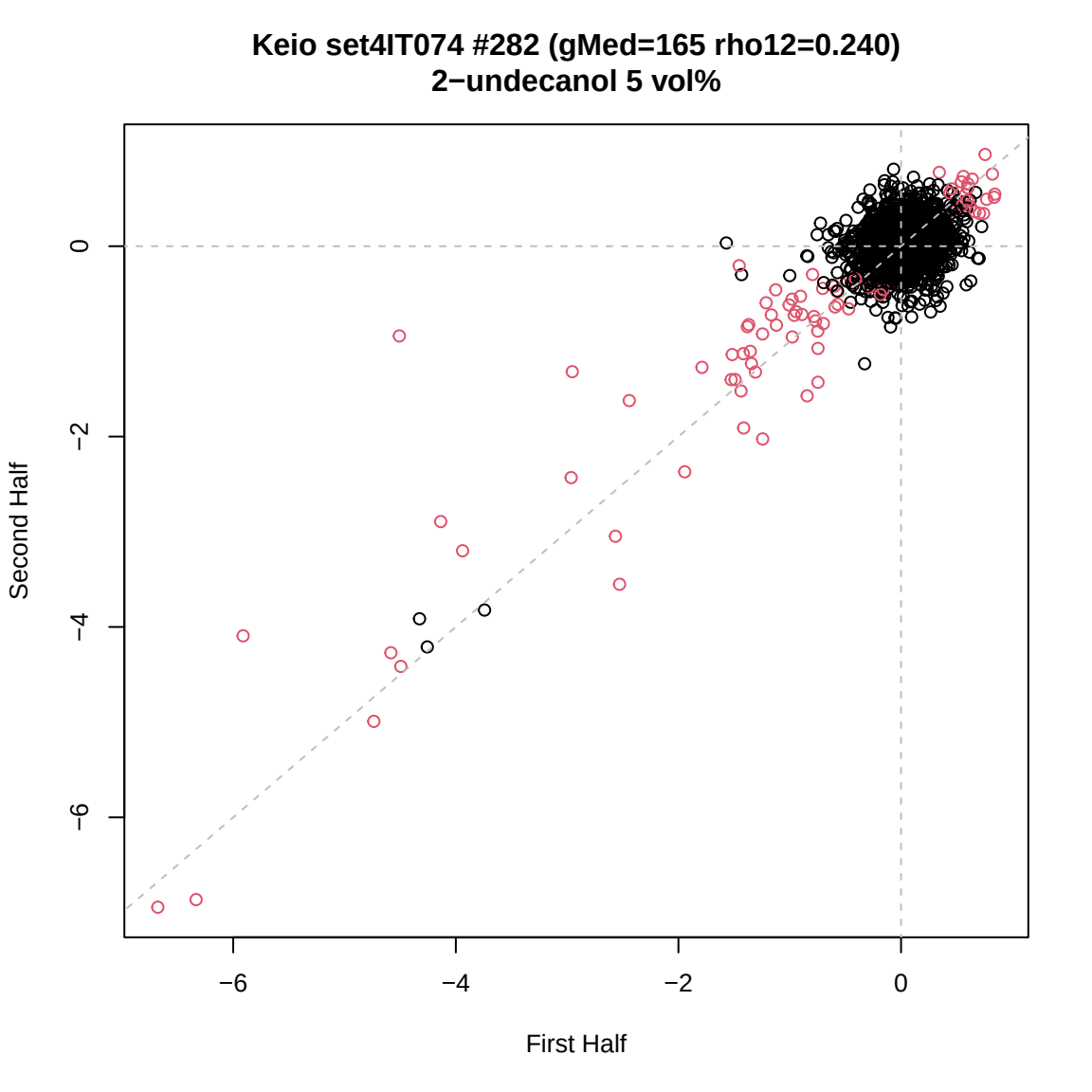

Keio set4lT069 #277 (gMed=198 rho12=0.148)
capsaicin 2 mM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

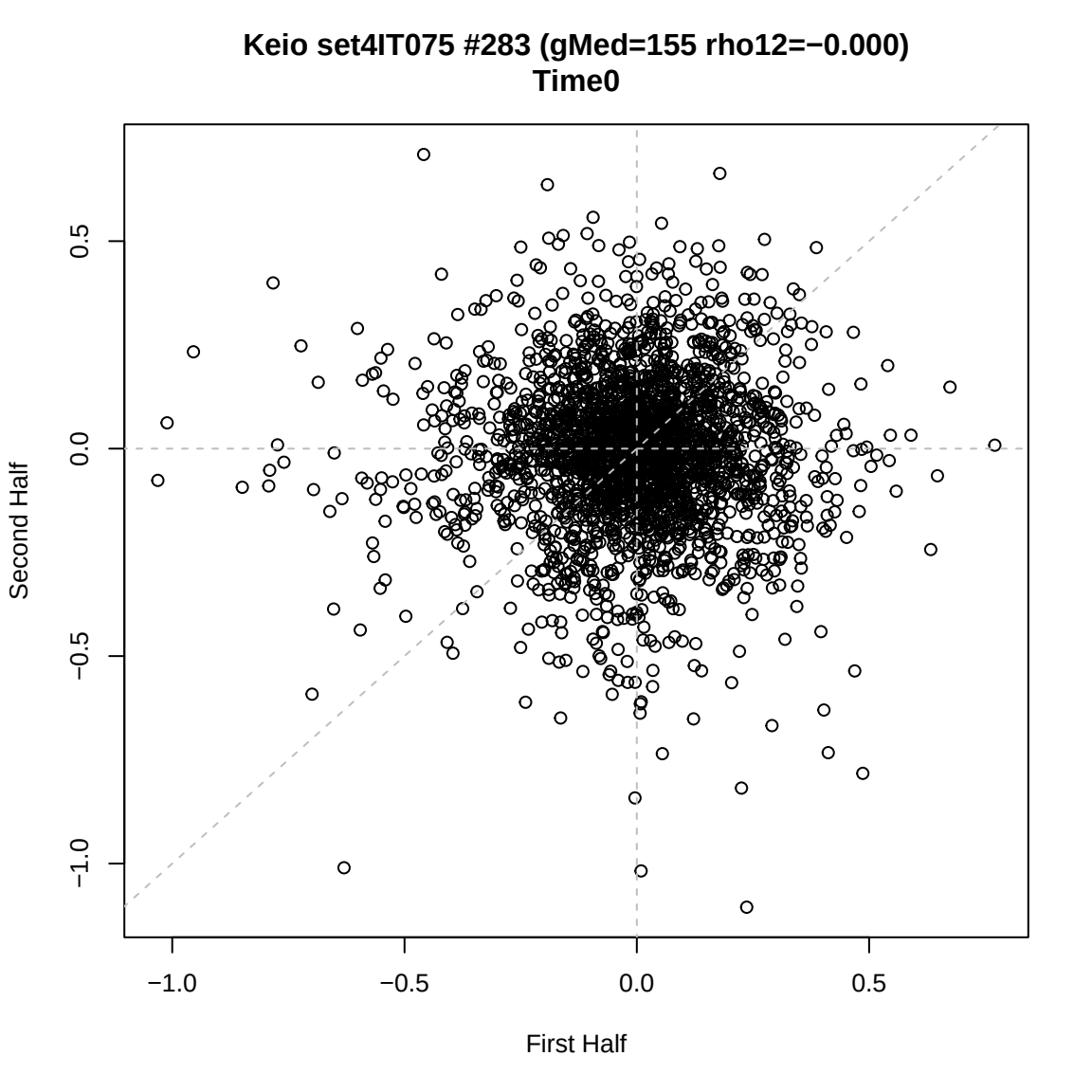

Keio set4lT070 #278 (gMed=216 rho12=0.219)
capsaicin 2 mM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

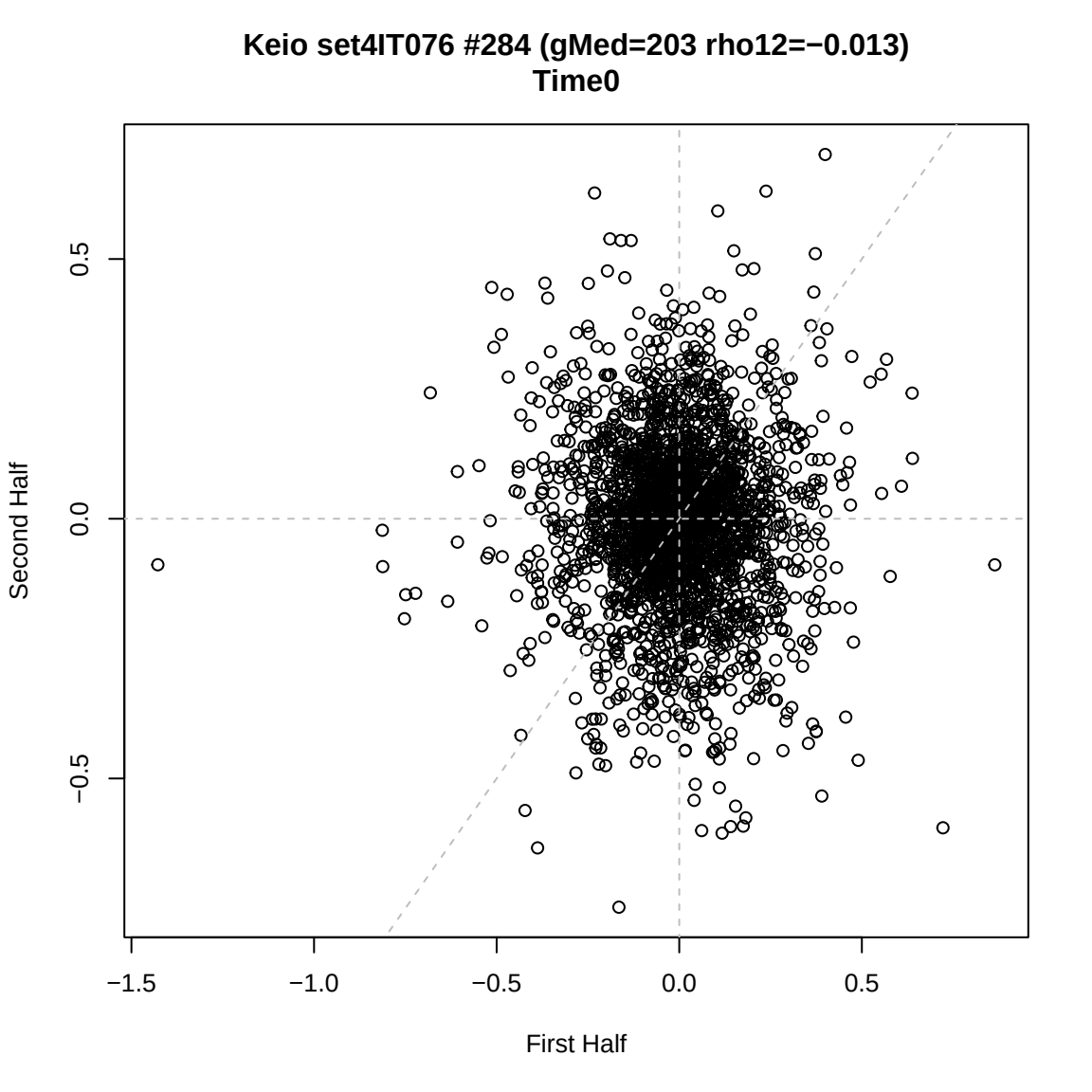

Keio set4lT071 #279 (gMed=206 rho12=0.149)
capsaicin 1 mM
Second Half
First Half
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

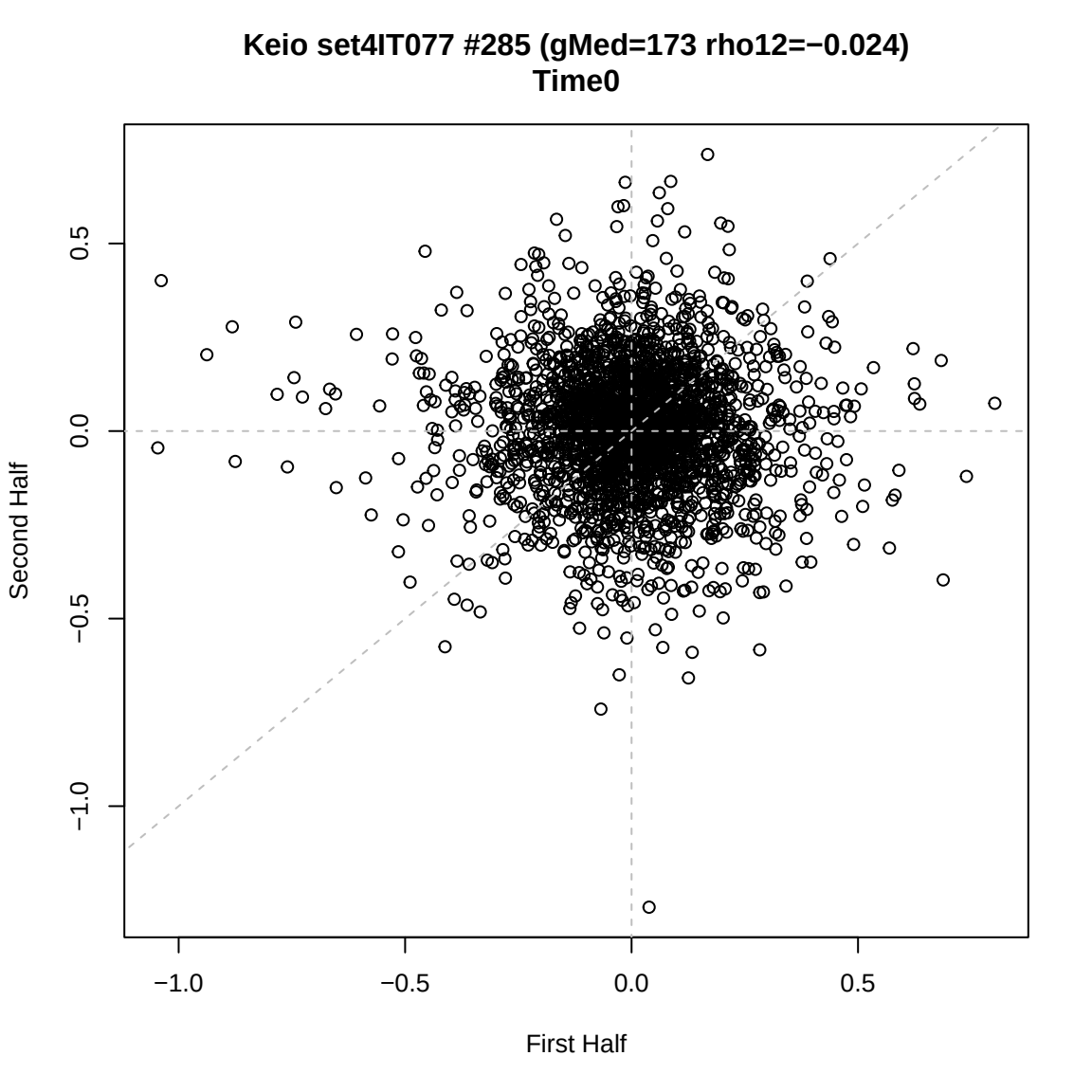

Keio set4lT072 #280 (gMed=221 rho12=0.157)
capsaicin 1 mM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

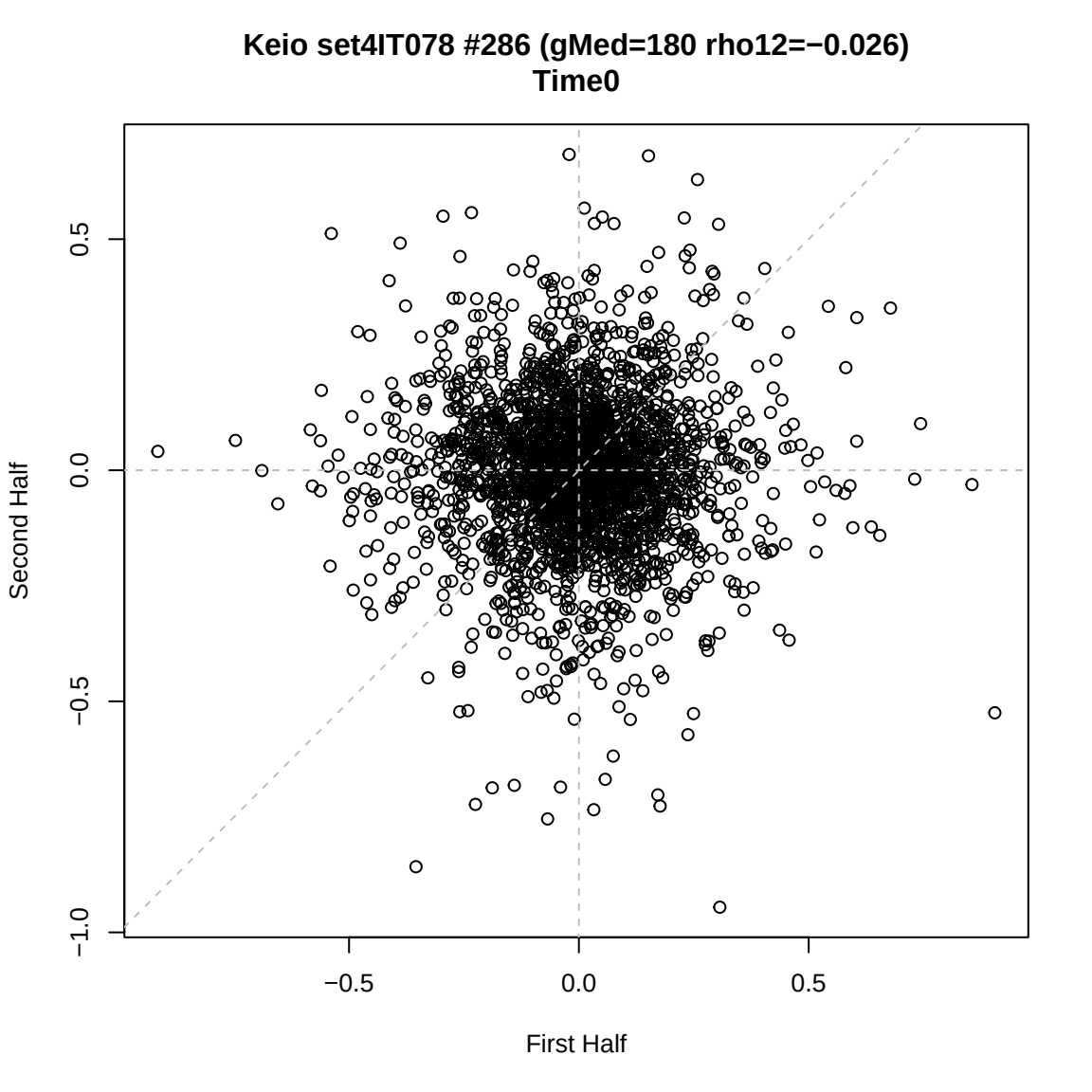

Keio set4IT073 #281 (gMed=190 rho12=0.216)
2−undecanol 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

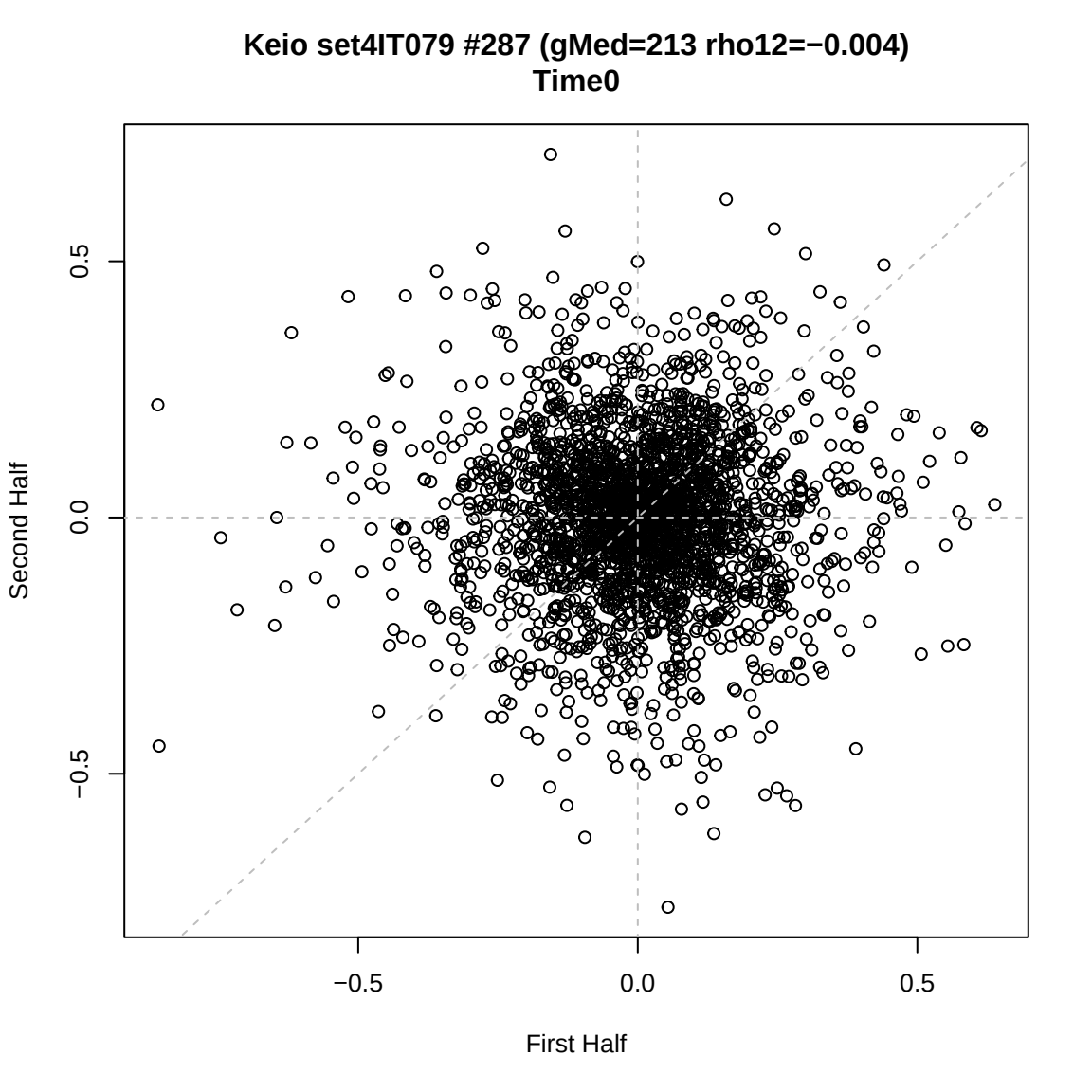

Keio set4IT074 #282 (gMed=165 rho12=0.240)
2−undecanol 5 vol%
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

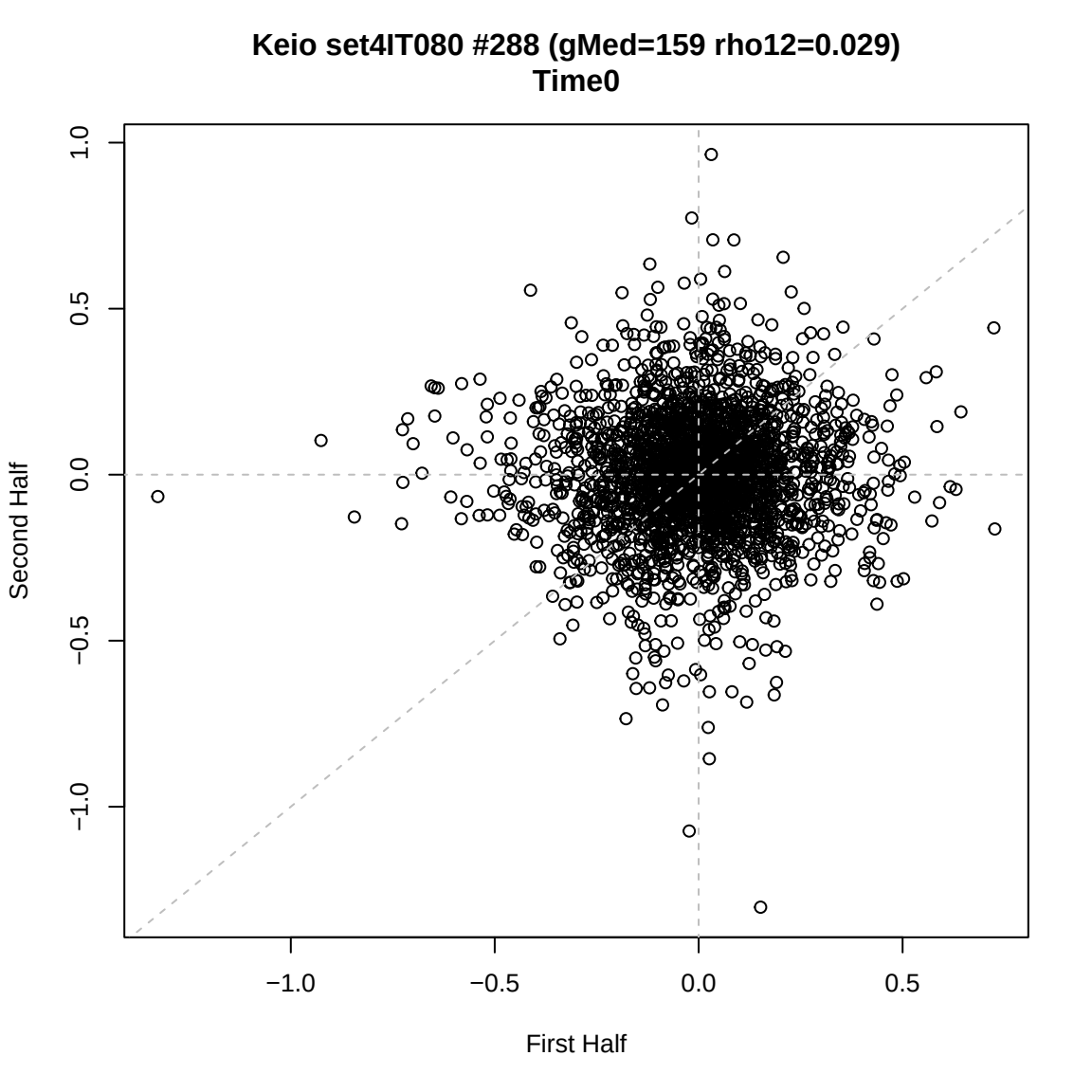

Keio set4IT075 #283 (gMed=155 rho12=−0.000)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

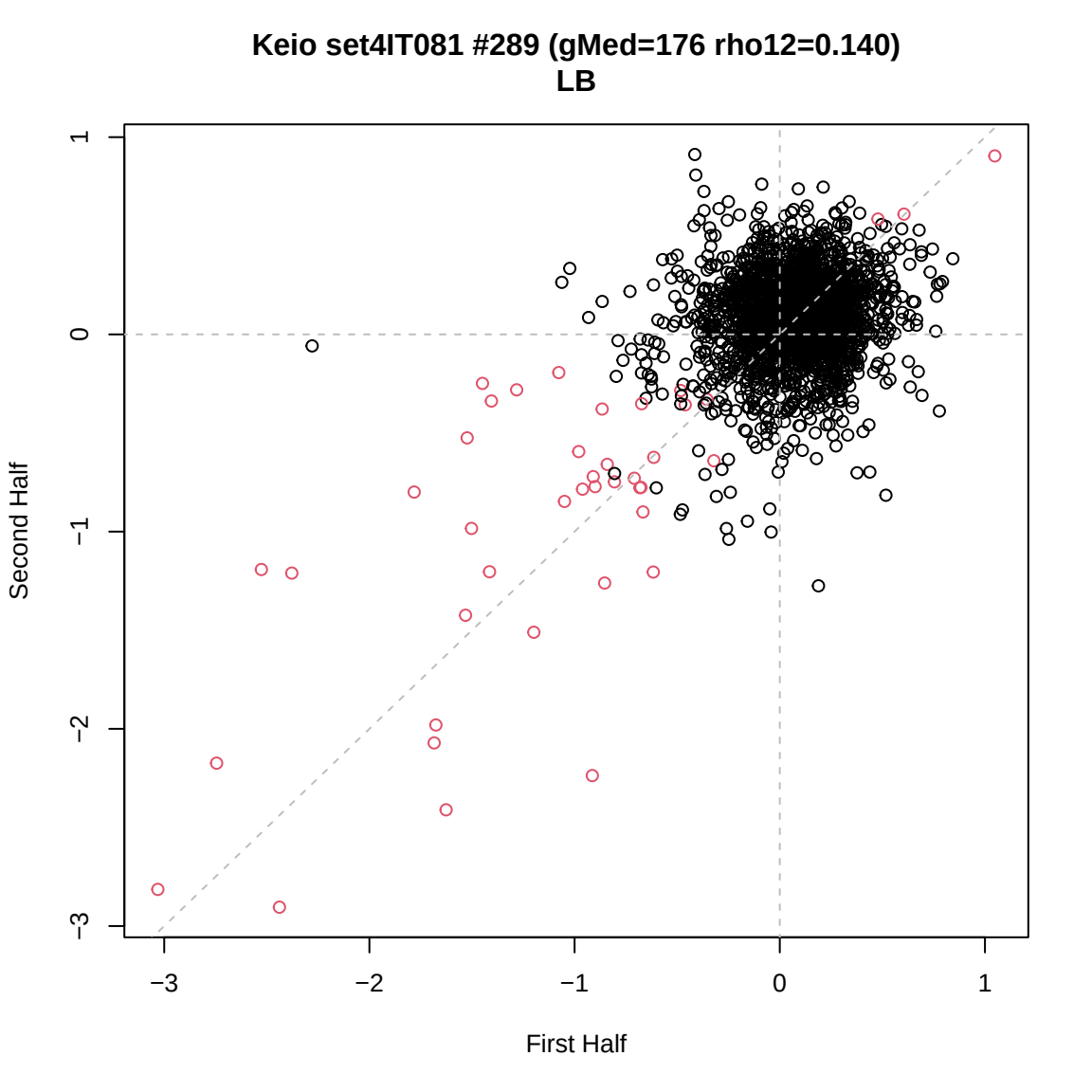

Keio set4IT076 #284 (gMed=203 rho12=−0.013)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5

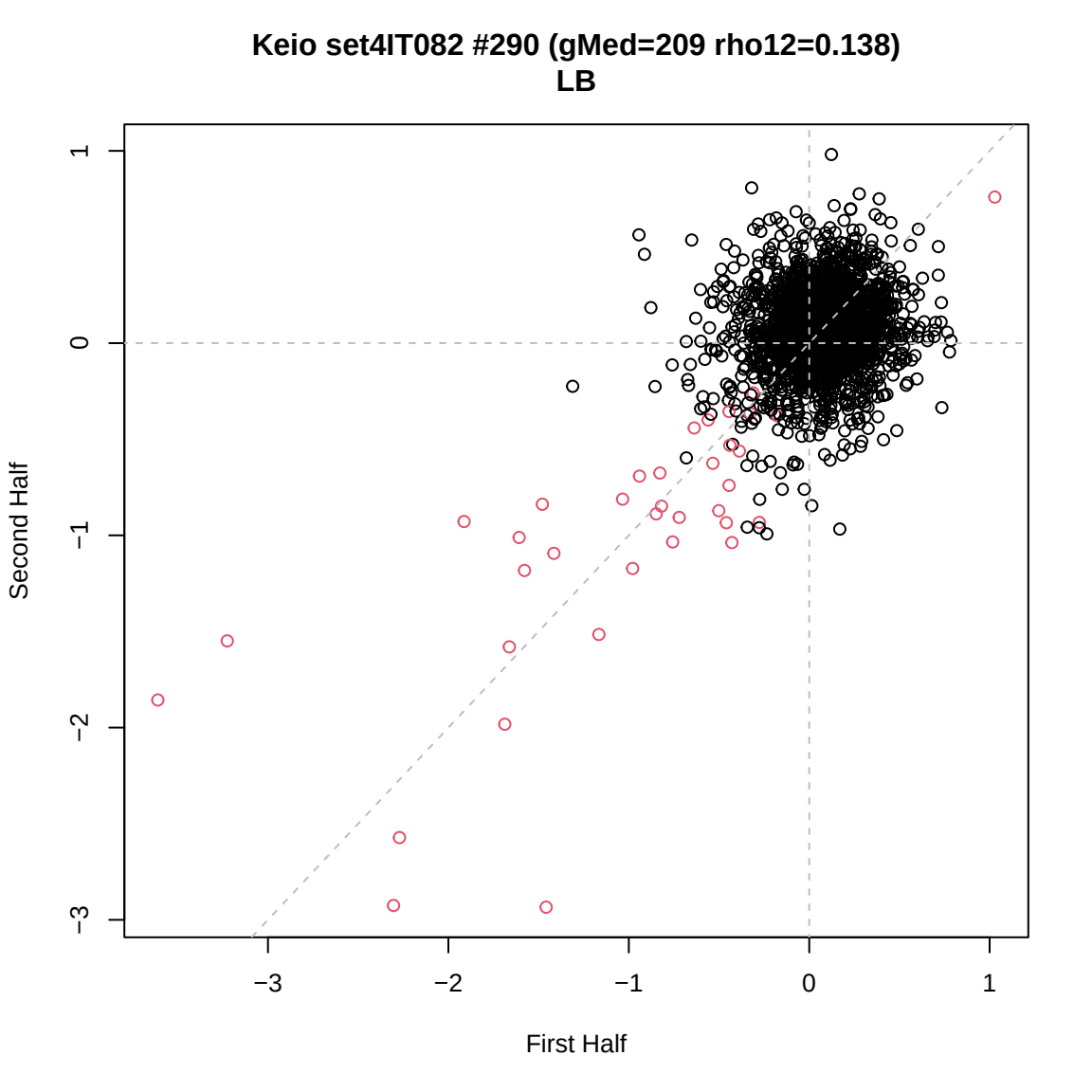

Keio set4IT077 #285 (gMed=173 rho12=−0.024)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

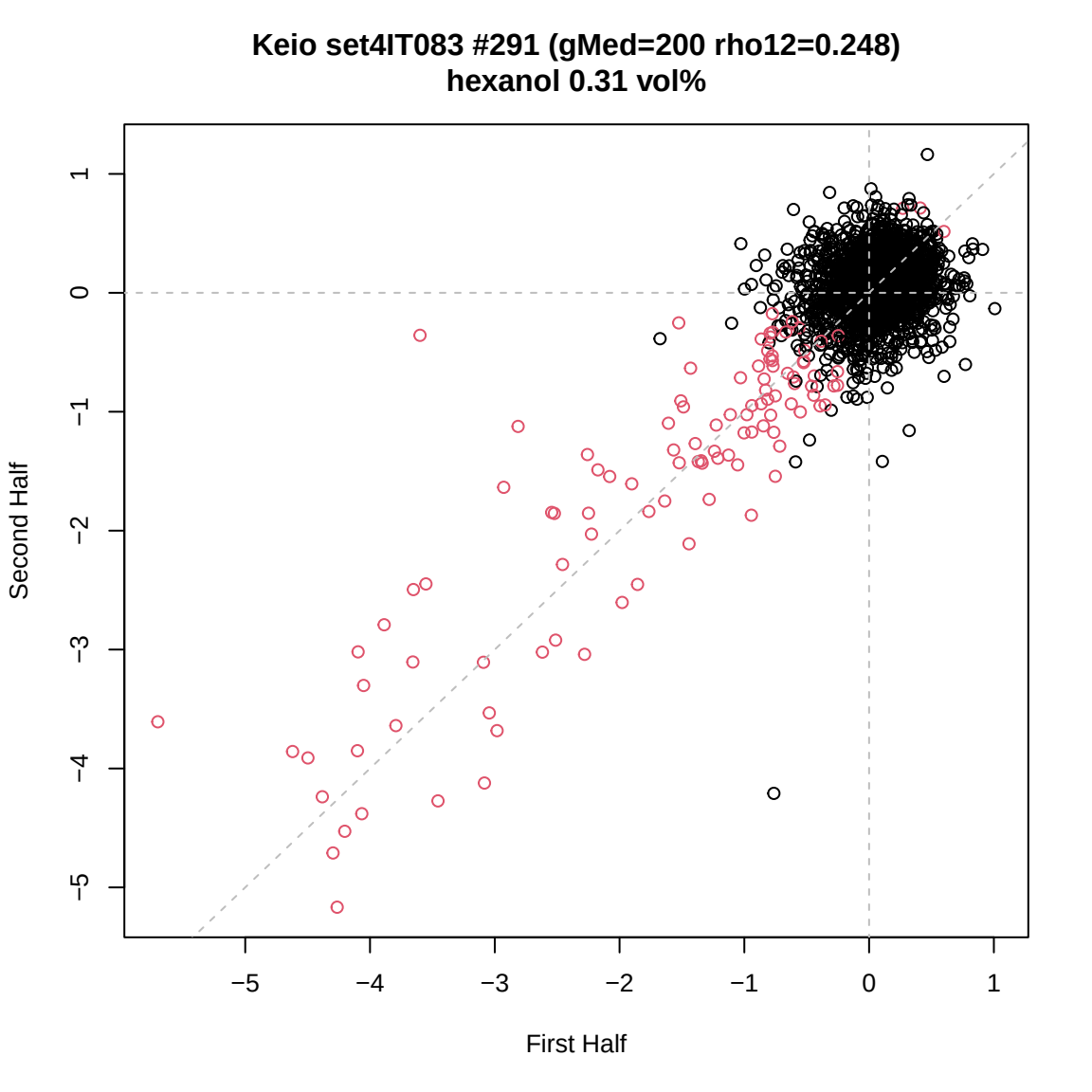

Keio set4IT078 #286 (gMed=180 rho12=−0.026)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

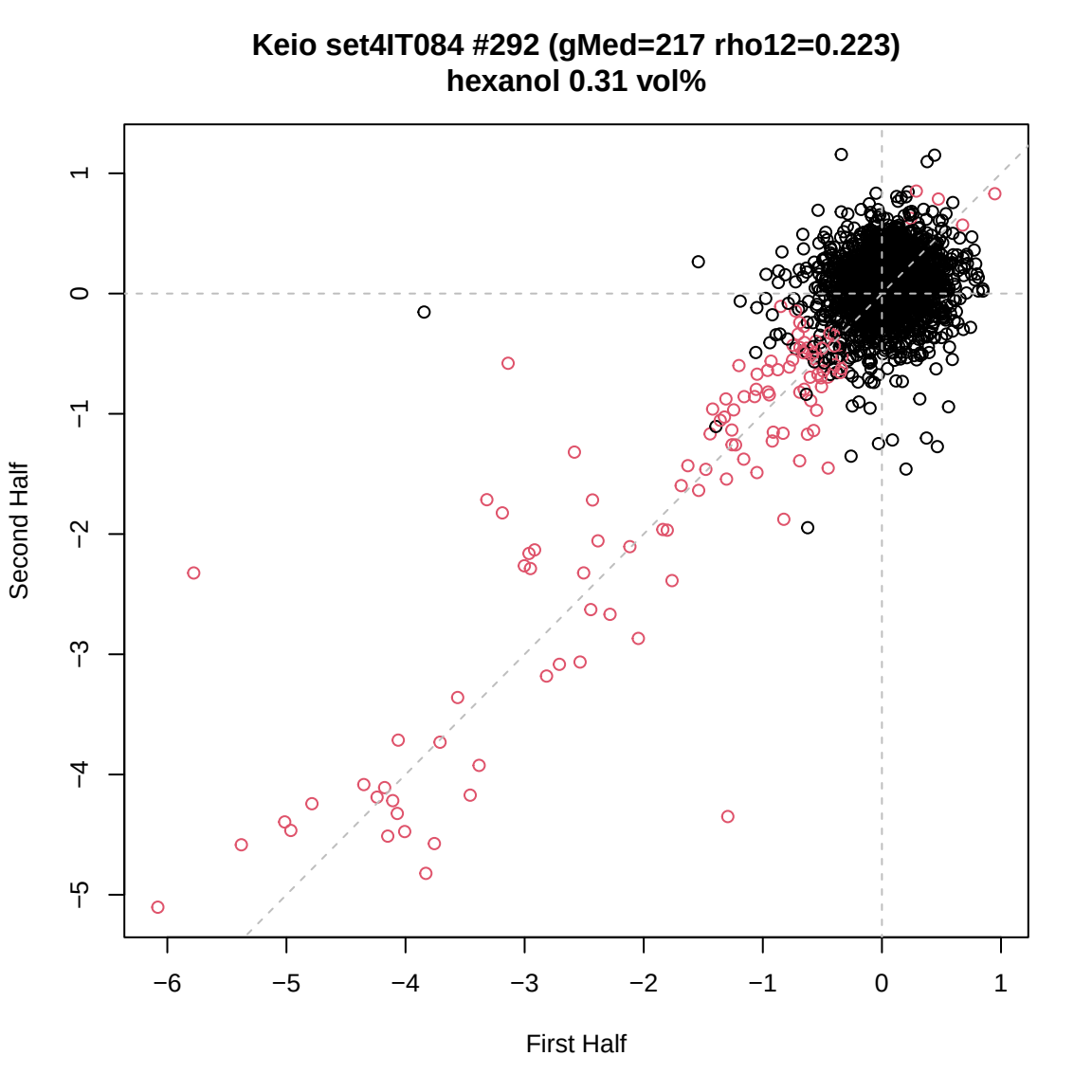

Keio set4IT079 #287 (gMed=213 rho12=−0.004)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.5
0.0
0.5

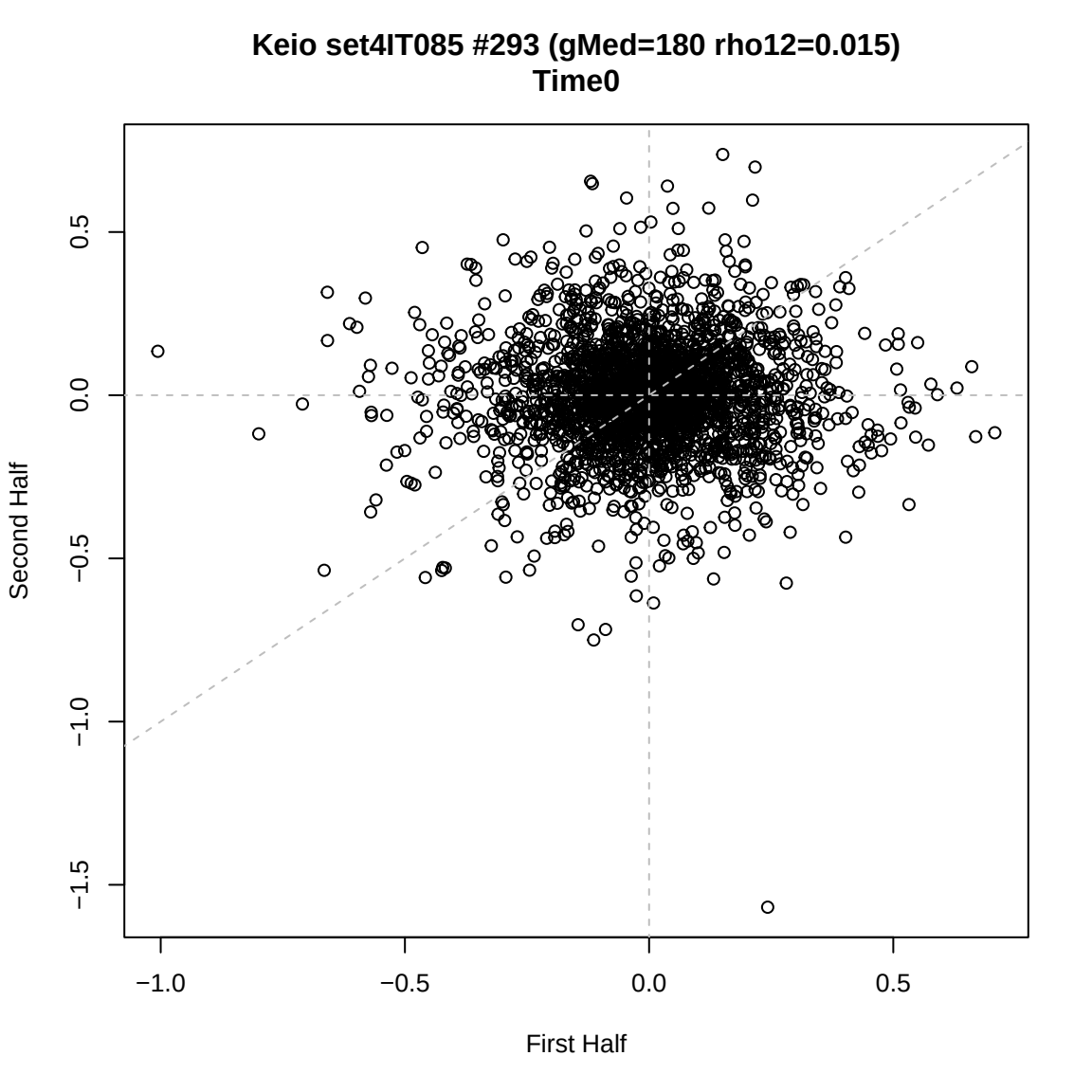

Keio set4IT080 #288 (gMed=159 rho12=0.029)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

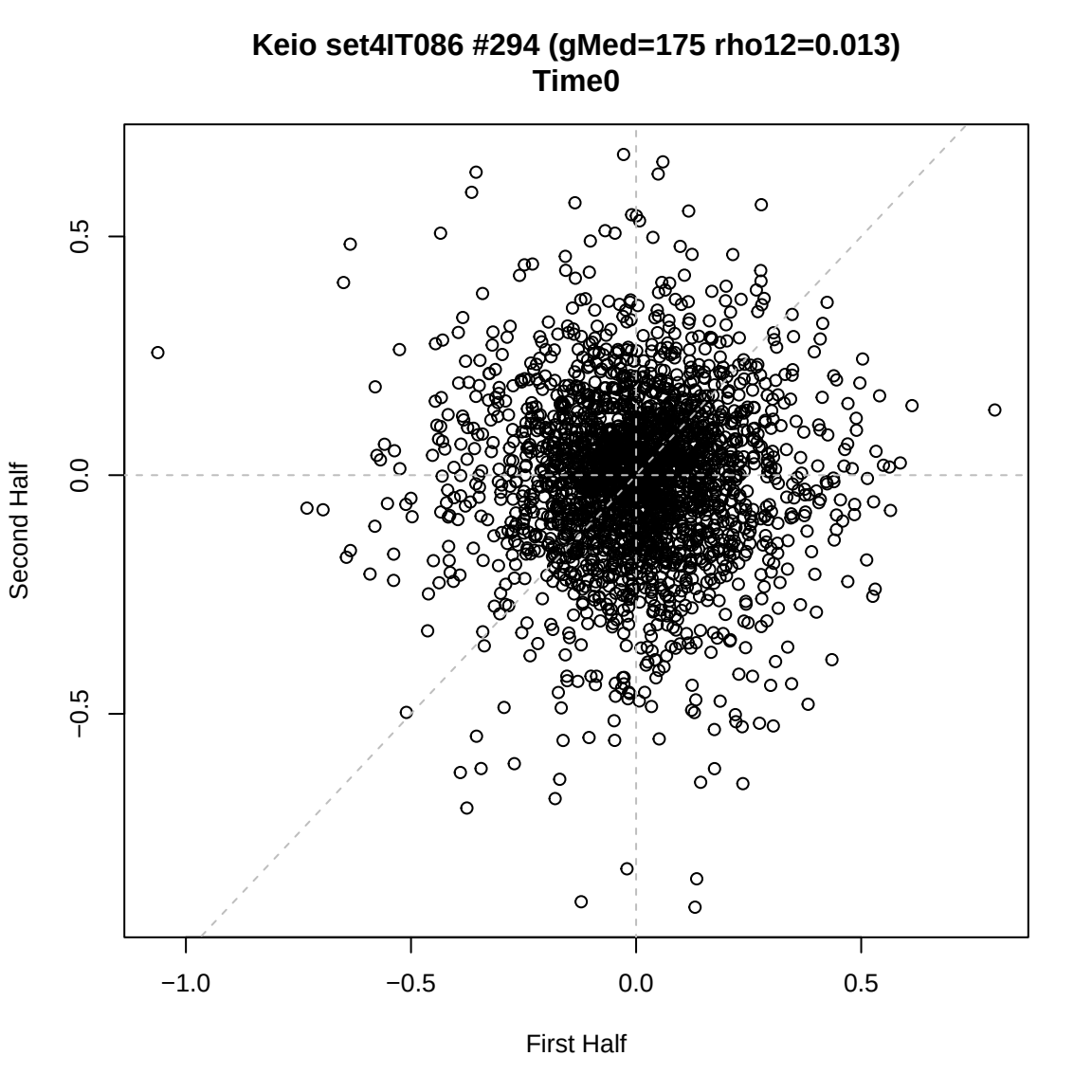

Keio set4IT081 #289 (gMed=176 rho12=0.140)
LB
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

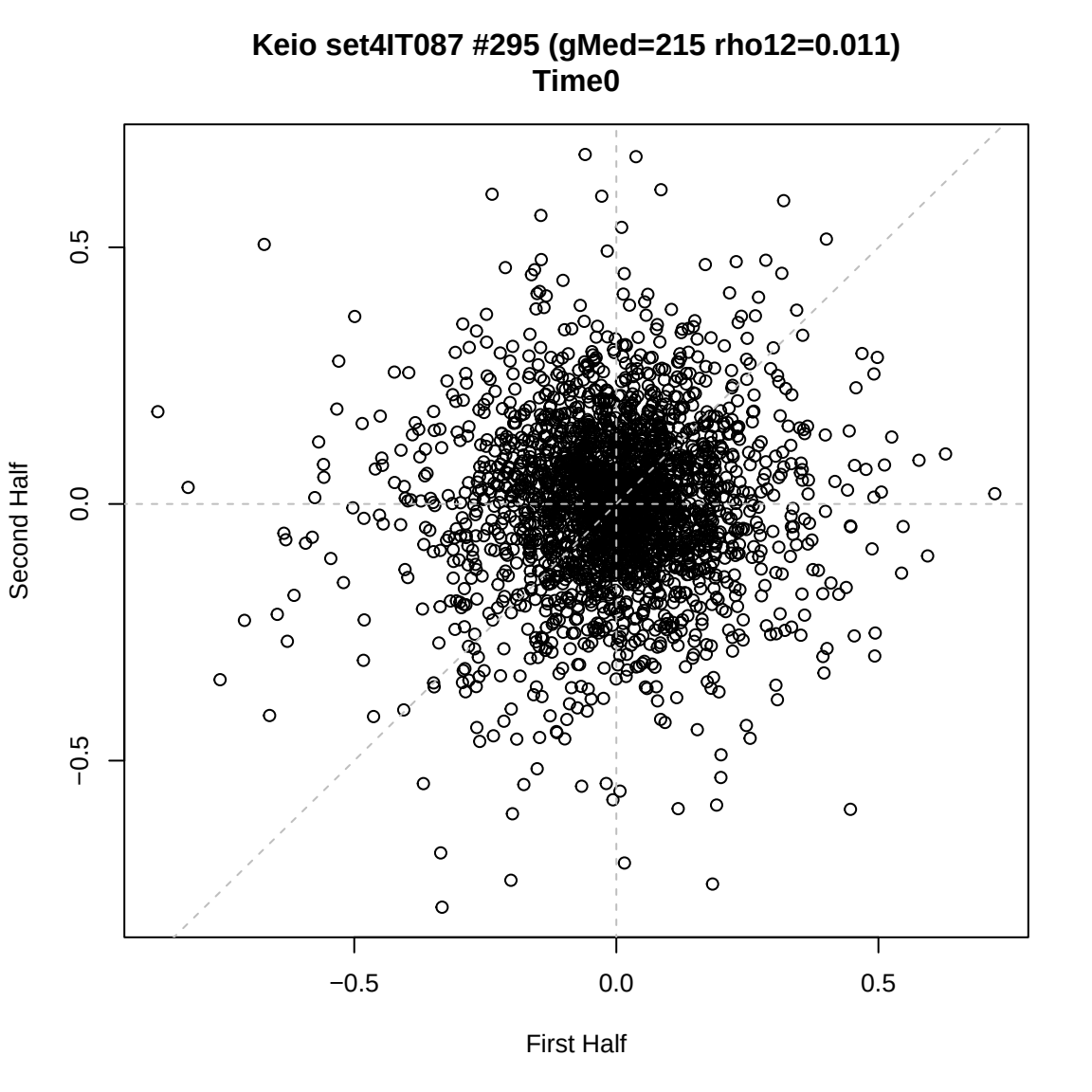

Keio set4IT082 #290 (gMed=209 rho12=0.138)
LB
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

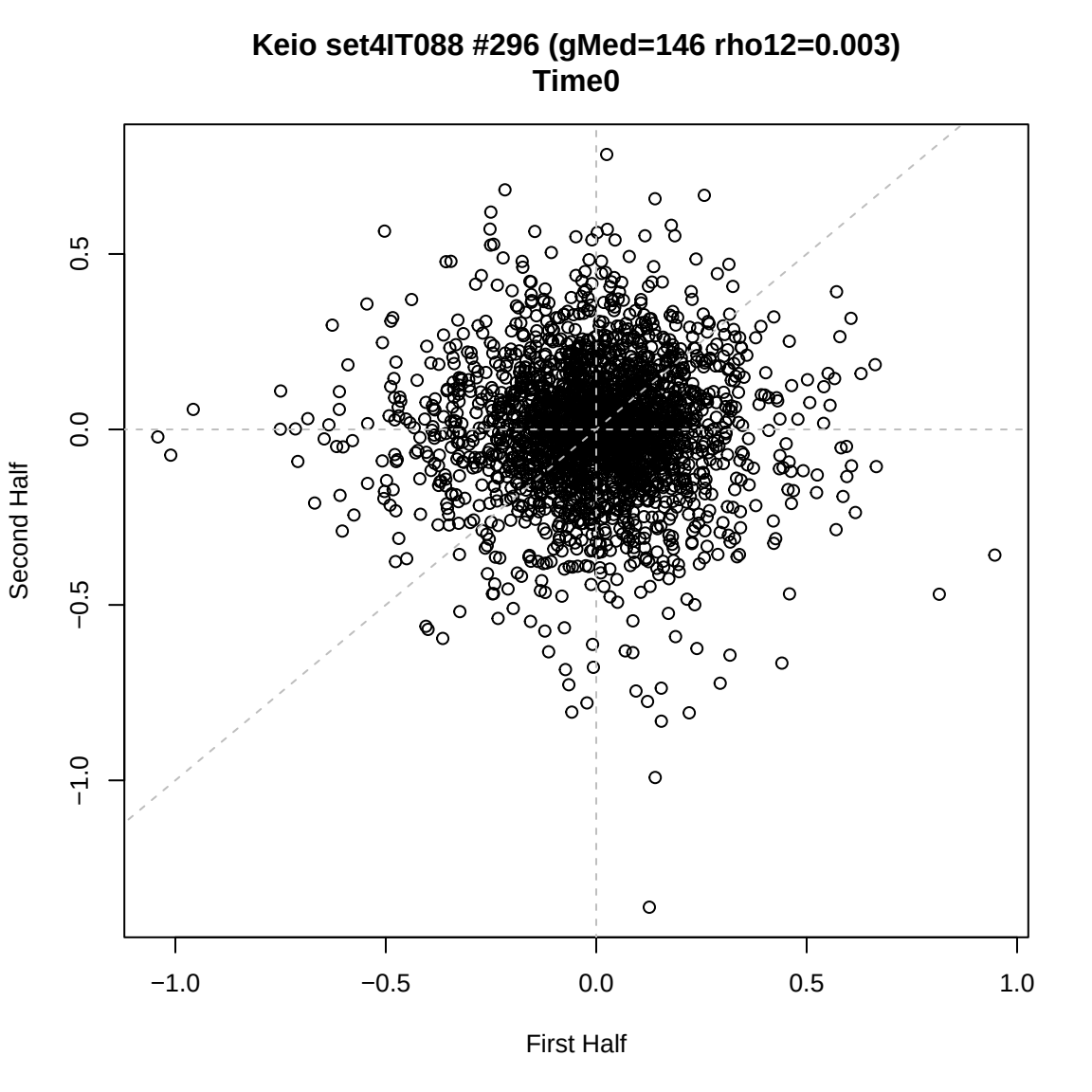

Keio set4lT083 #291 (gMed=200 rho12=0.248)
hexanol 0.31 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

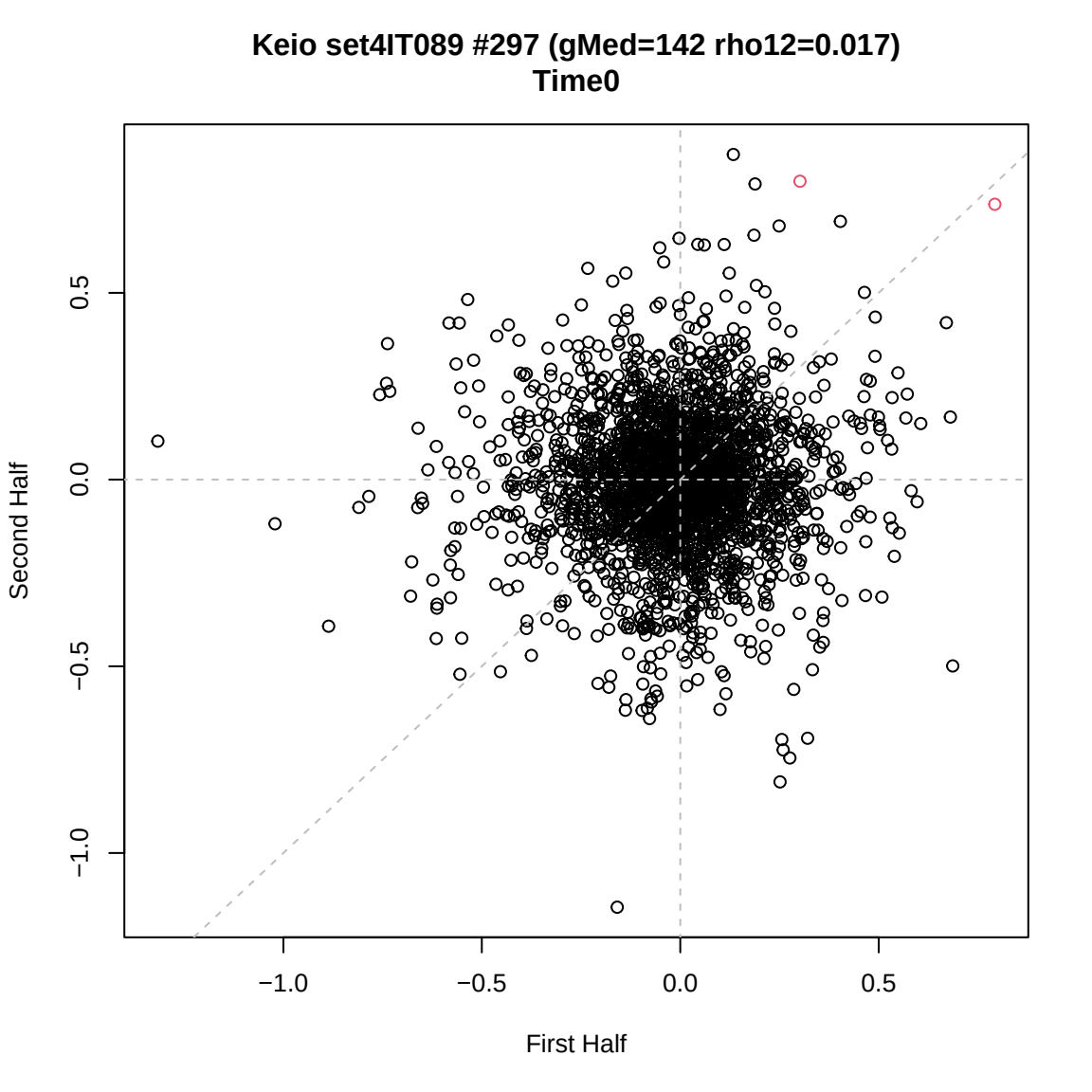

Keio set4IT084 #292 (gMed=217 rho12=0.223)
hexanol 0.31 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

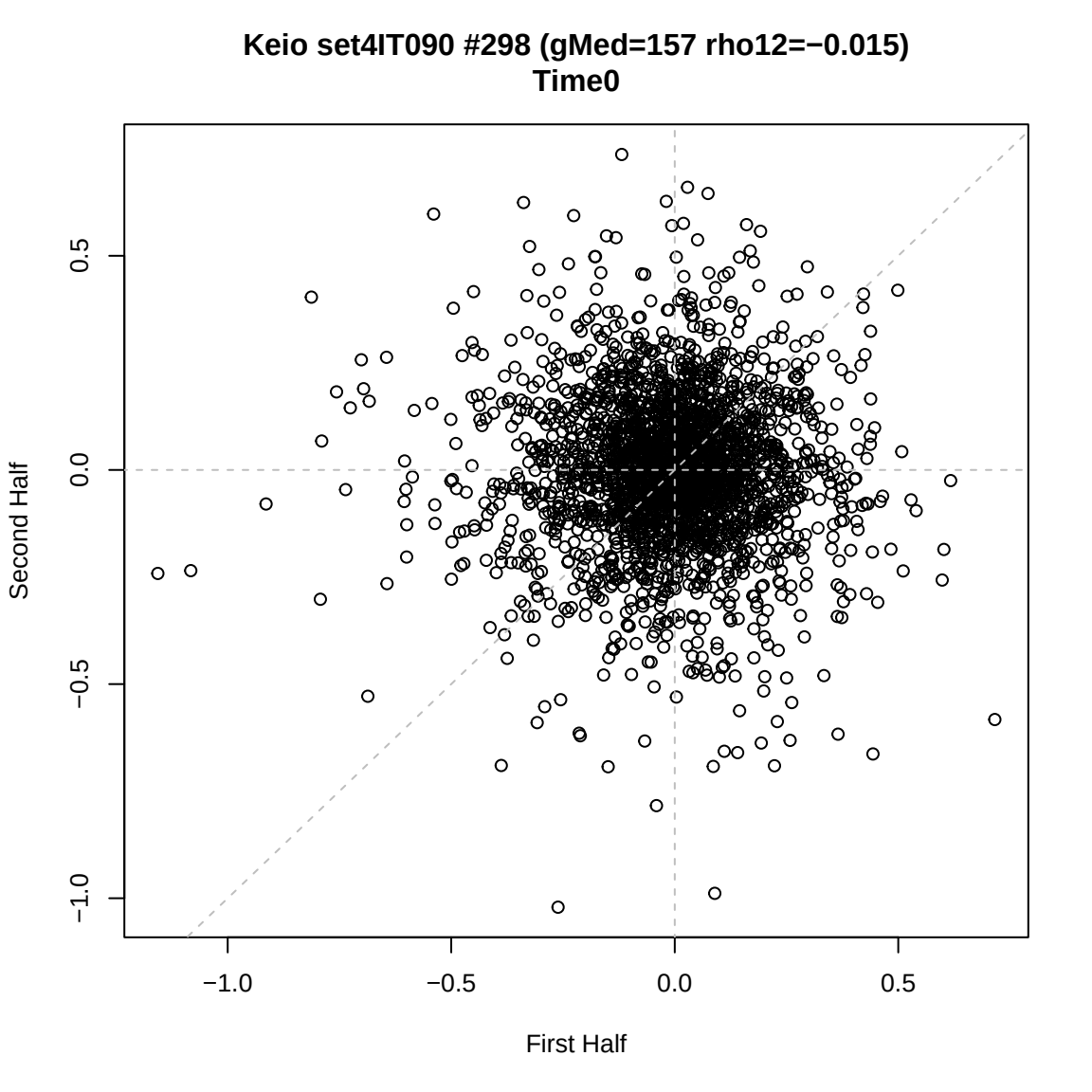

Keio set4IT085 #293 (gMed=180 rho12=0.015)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

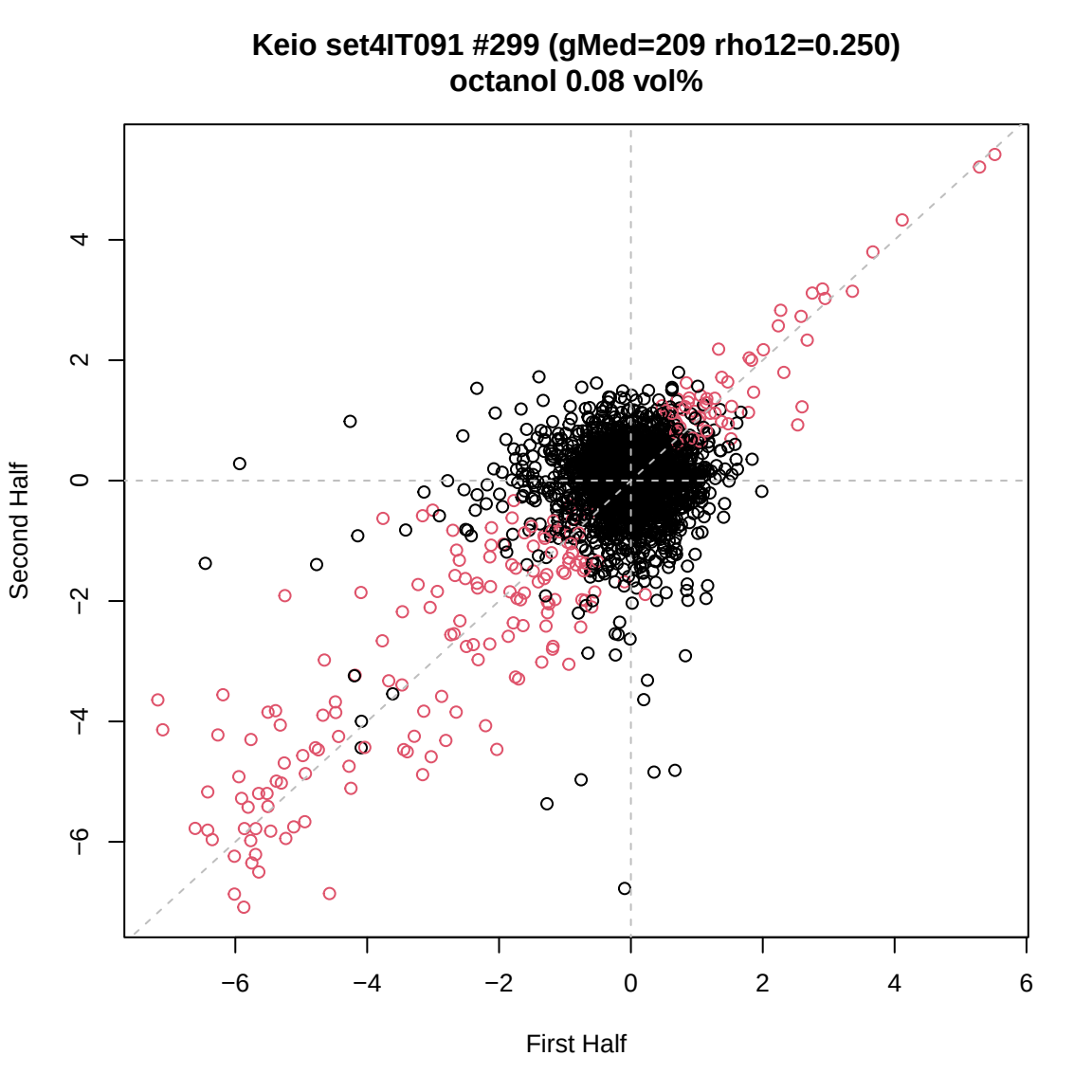

Keio set4IT086 #294 (gMed=175 rho12=0.013)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

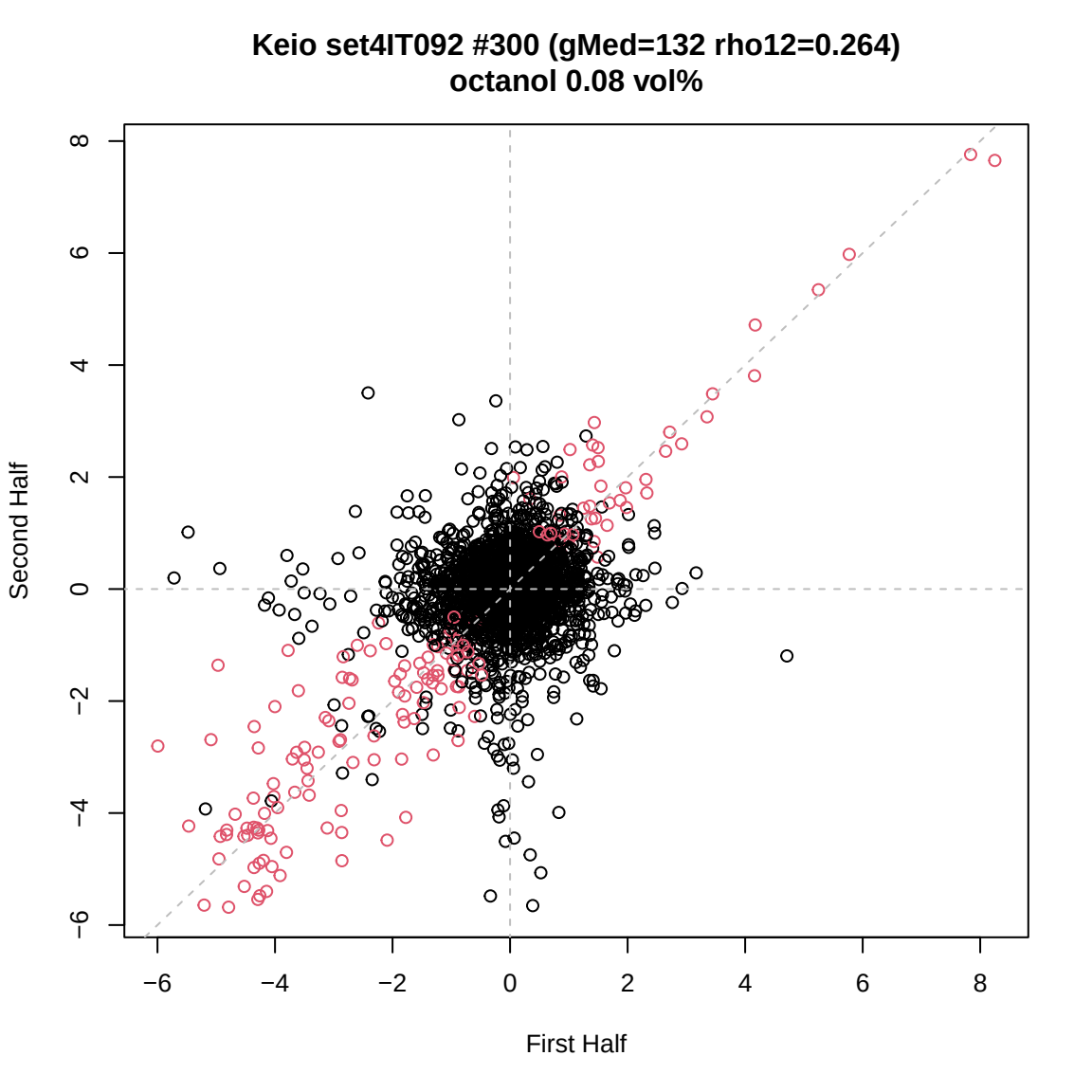

Keio set4IT087 #295 (gMed=215 rho12=0.011)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.5
0.0
0.5

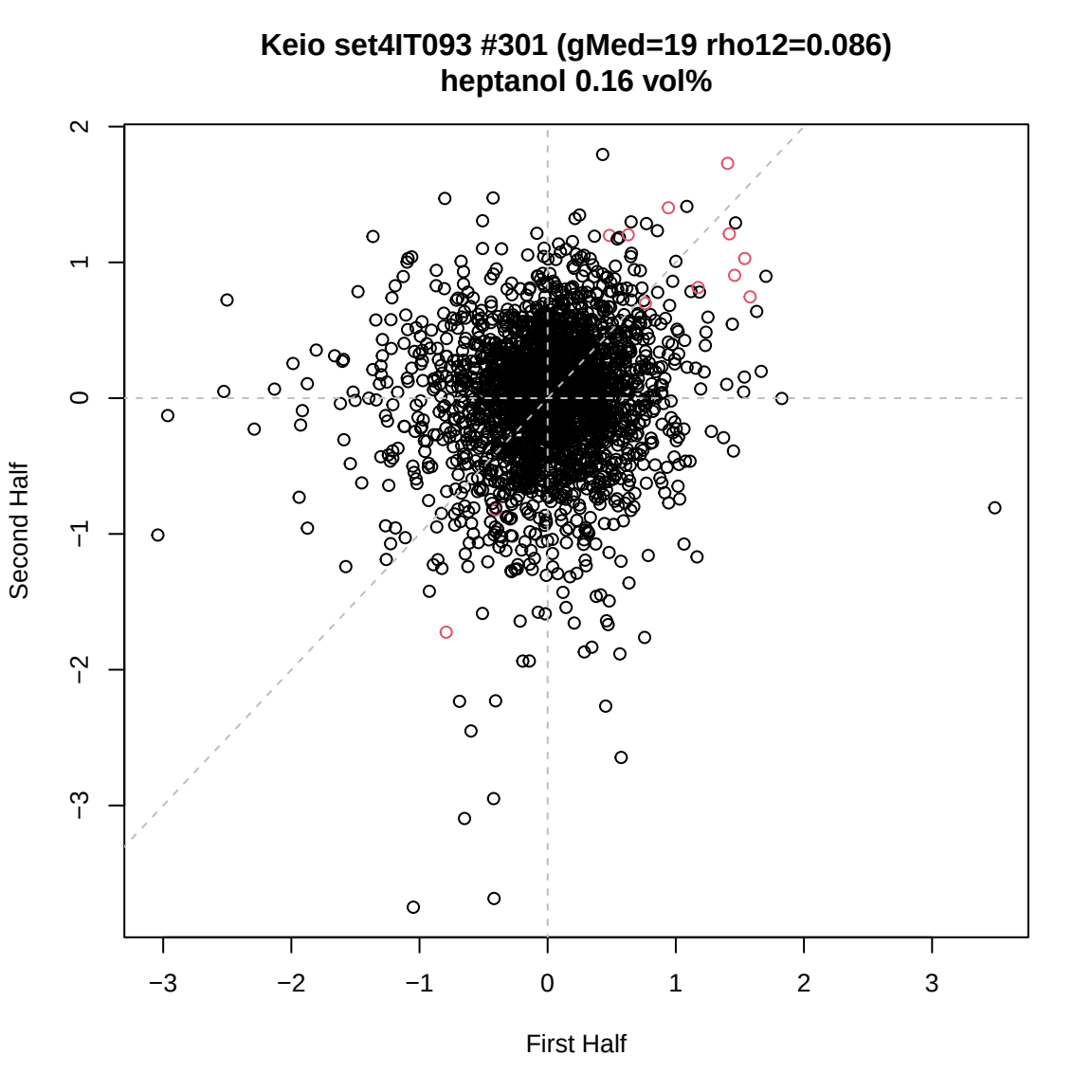

Keio set4IT088 #296 (gMed=146 rho12=0.003)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

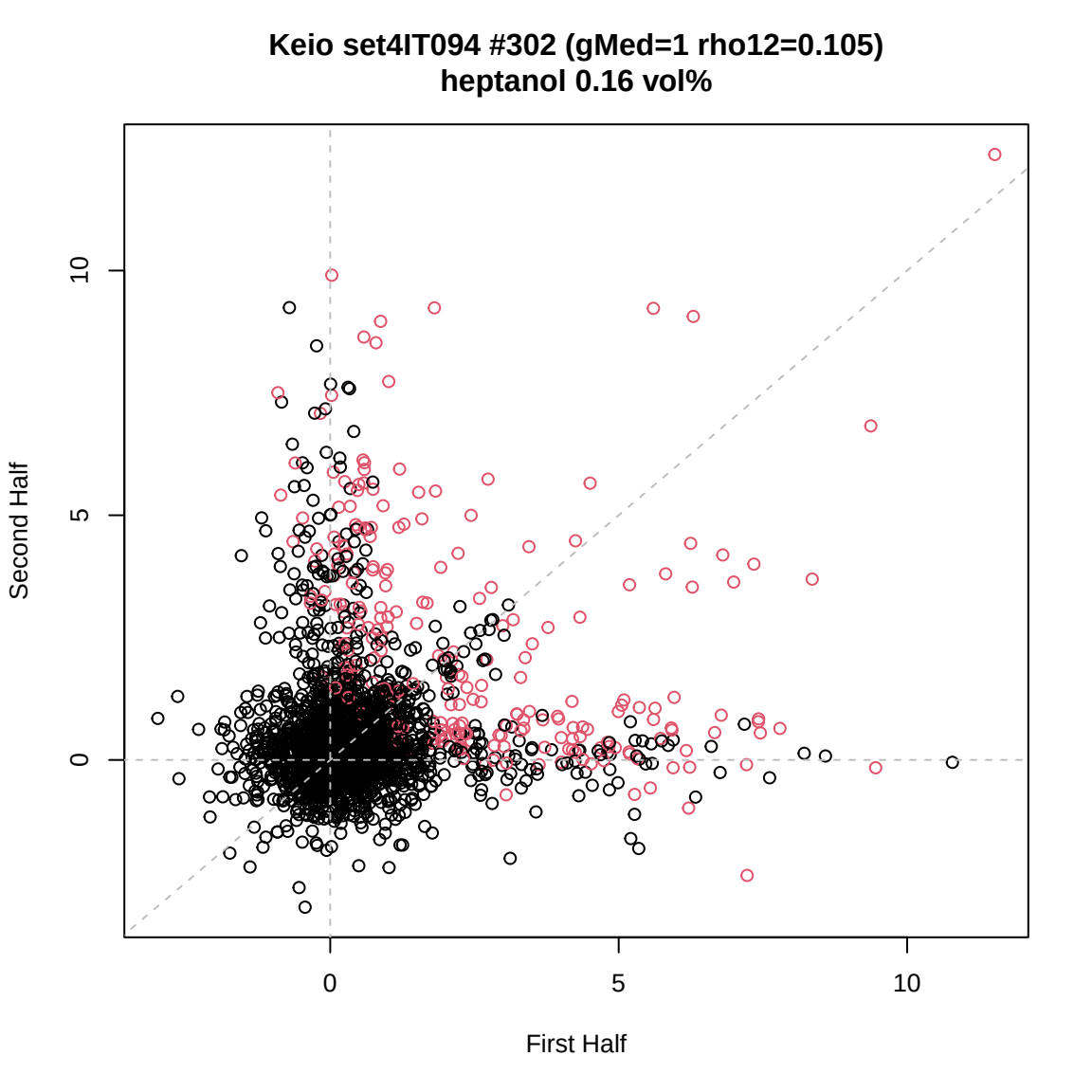

Keio set4IT089 #297 (gMed=142 rho12=0.017)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

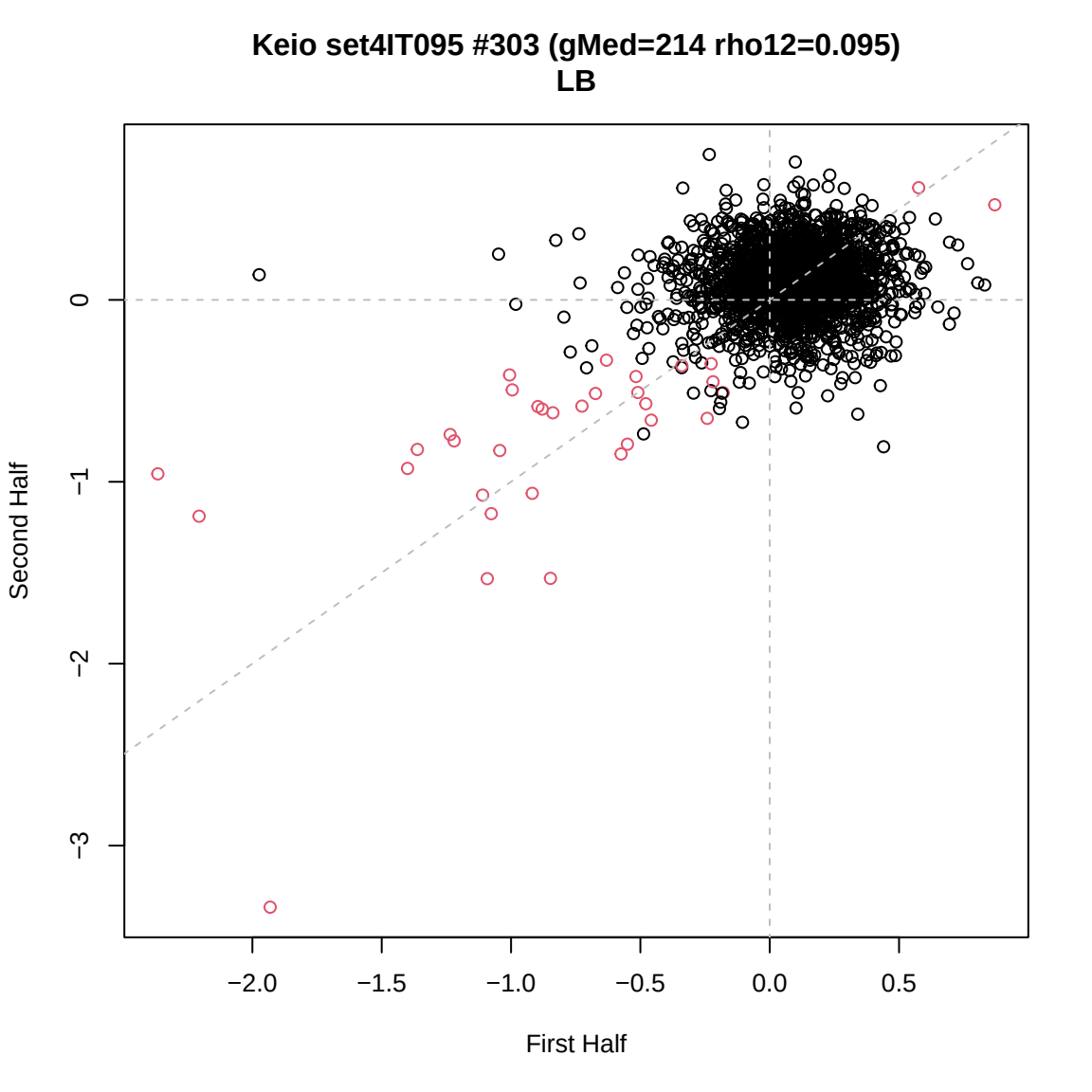

Keio set4IT090 #298 (gMed=157 rho12=−0.015)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

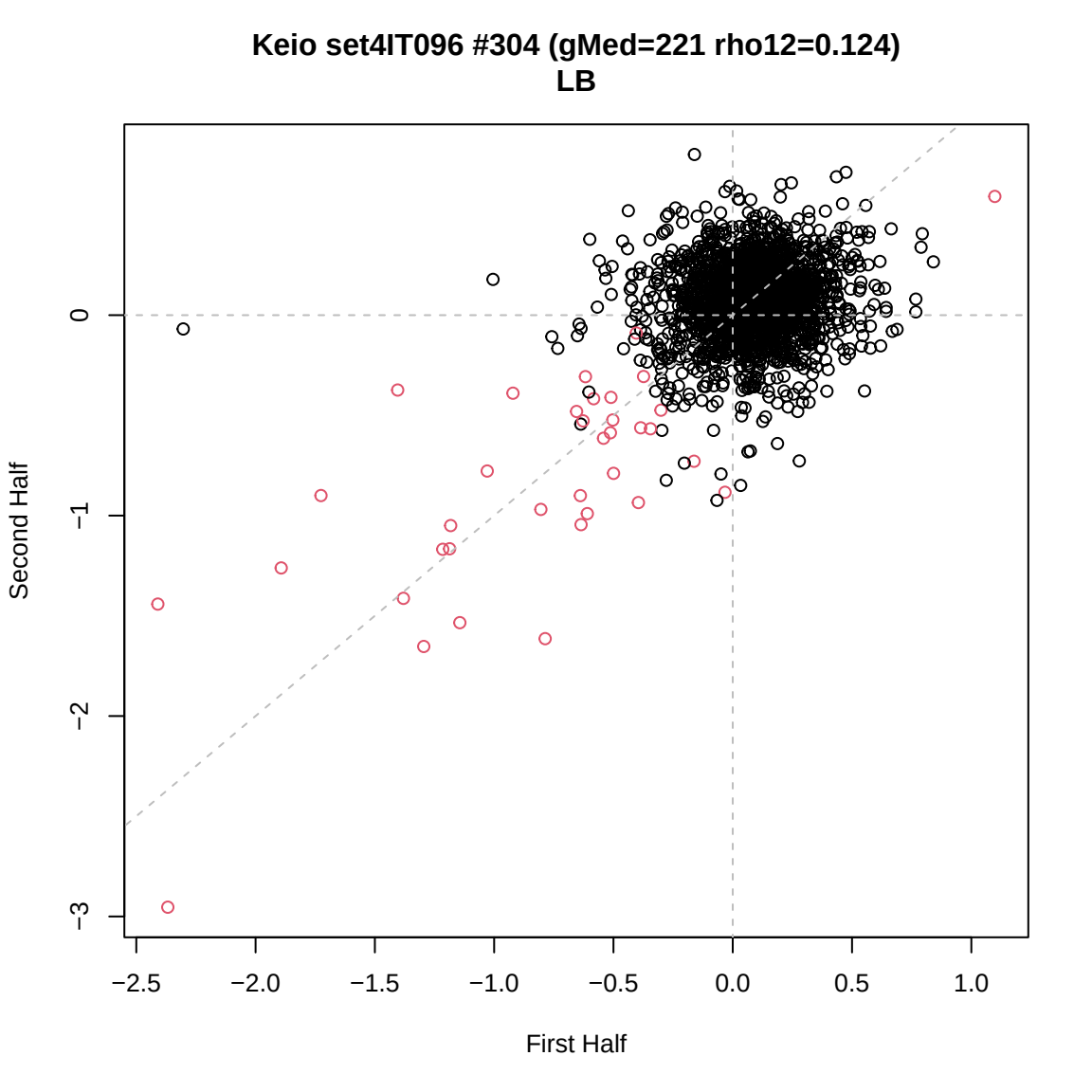

Keio set4IT091 #299 (gMed=209 rho12=0.250)
octanol 0.08 vol%
Second Half
First Half
−6
−4
−2
0
2
4
6

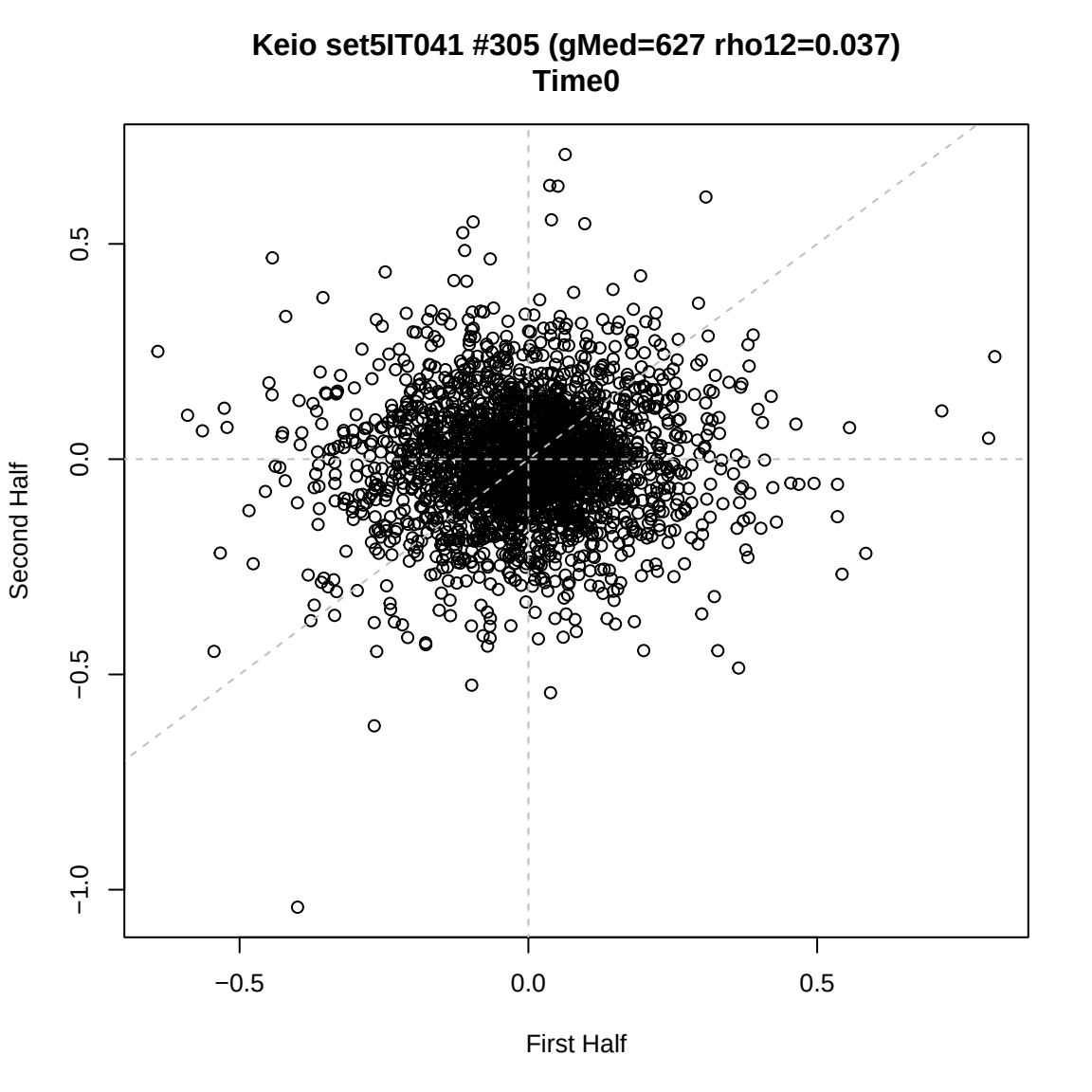

Keio set4IT092 #300 (gMed=132 rho12=0.264)
octanol 0.08 vol%
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6
8

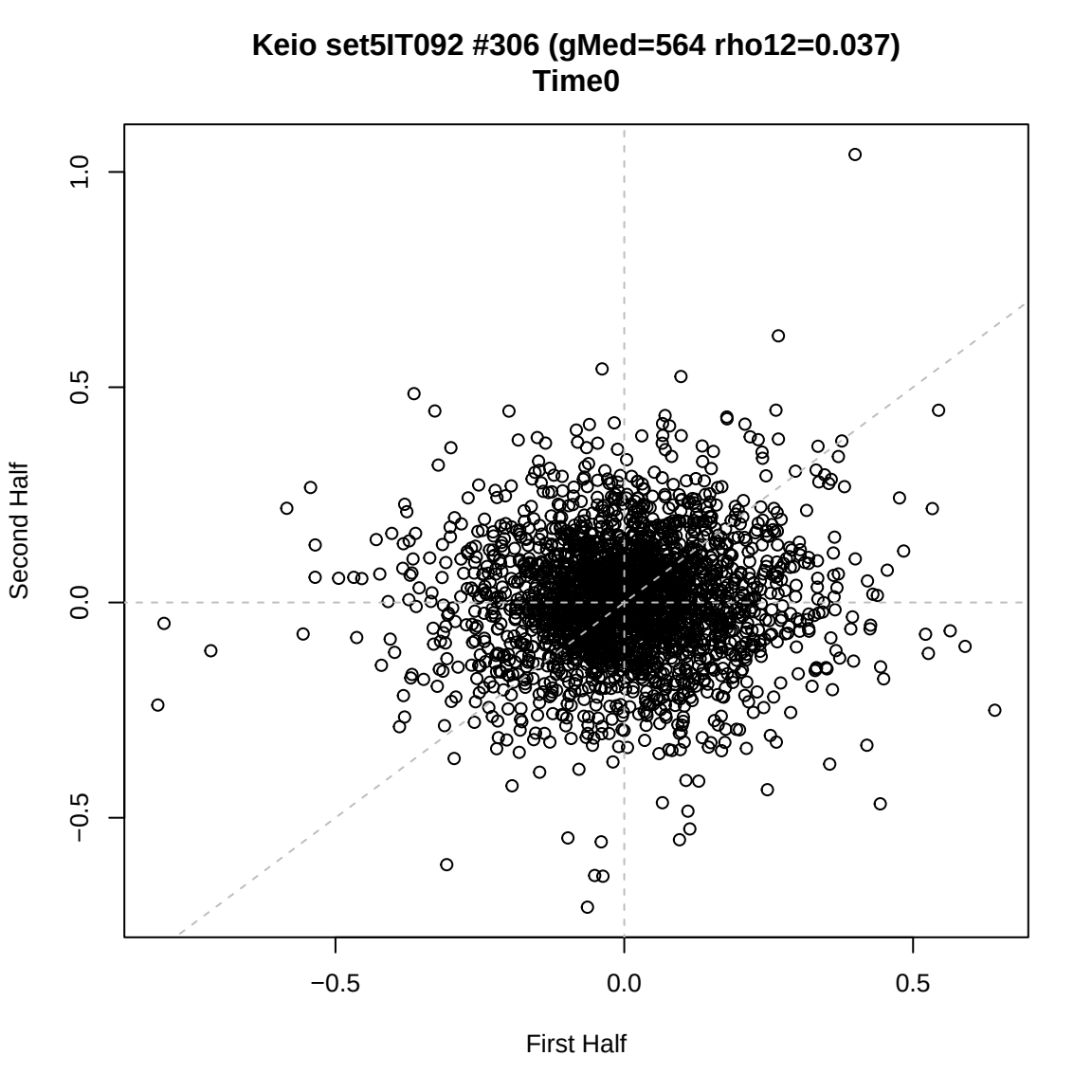

Keio set4IT093 #301 (gMed=19 rho12=0.086)
heptanol 0.16 vol%
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

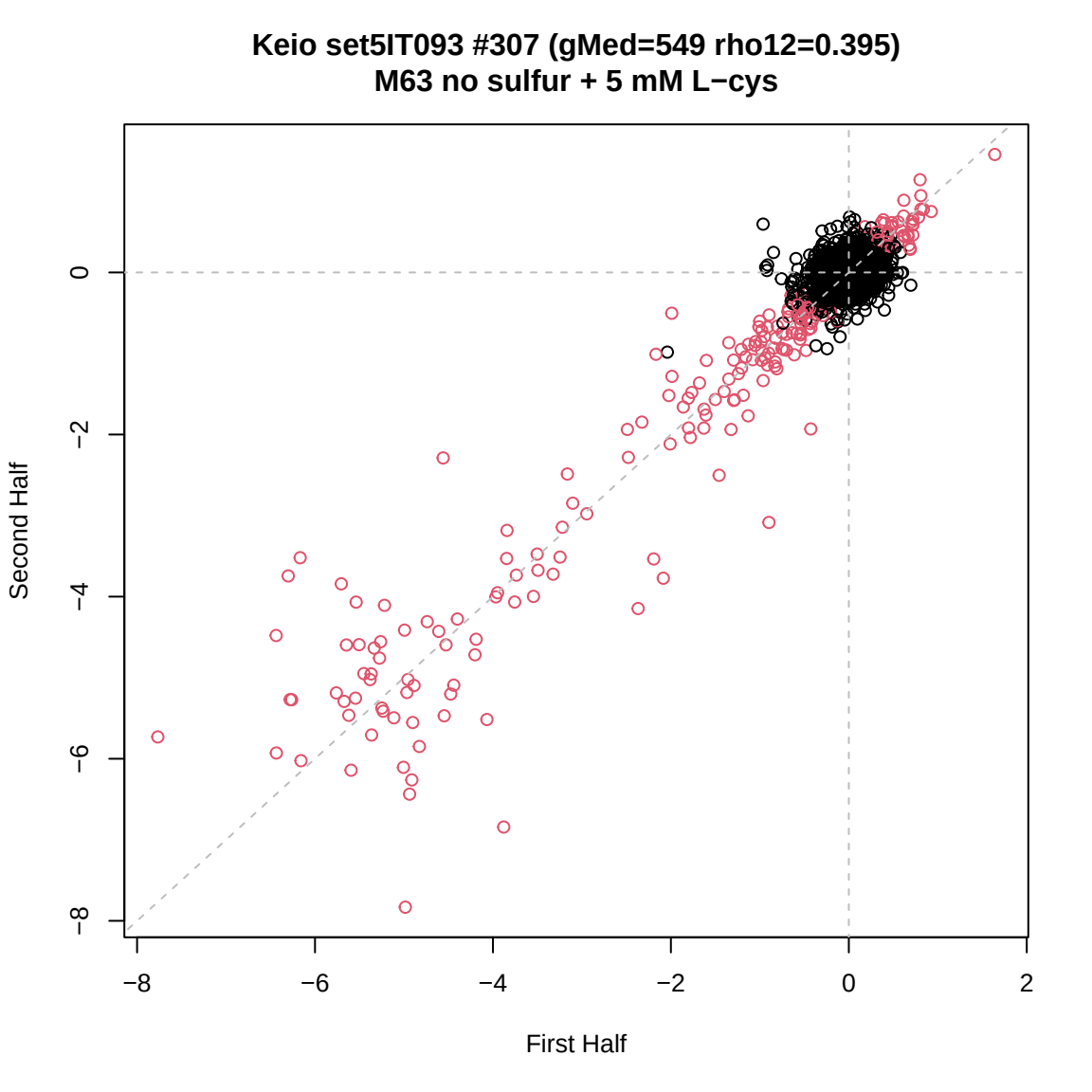

Keio set4IT094 #302 (gMed=1 rho12=0.105)
heptanol 0.16 vol%
Second Half
First Half
0
5
10
0
5
10

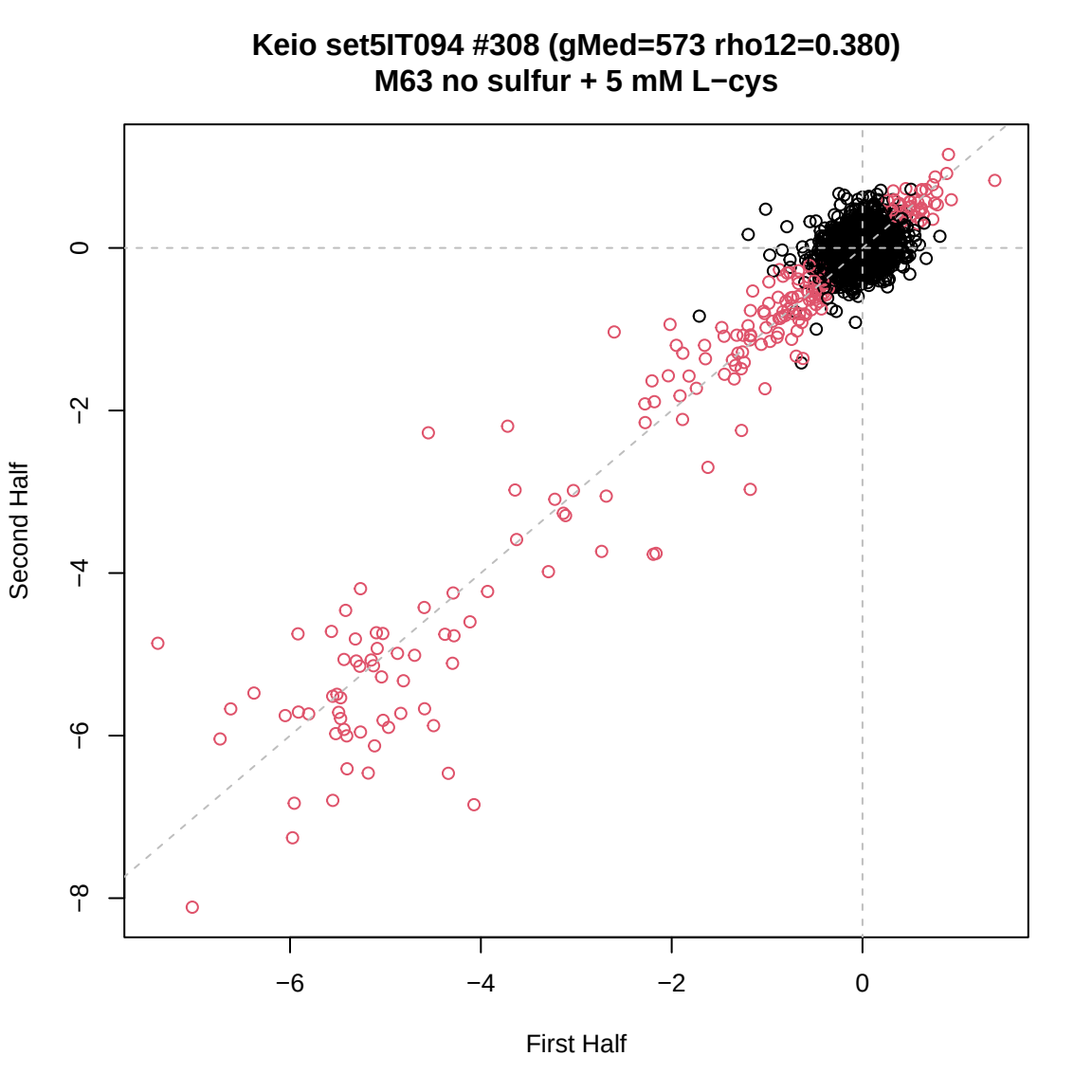

Keio set4IT095 #303 (gMed=214 rho12=0.095)
LB
Second Half
First Half
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5

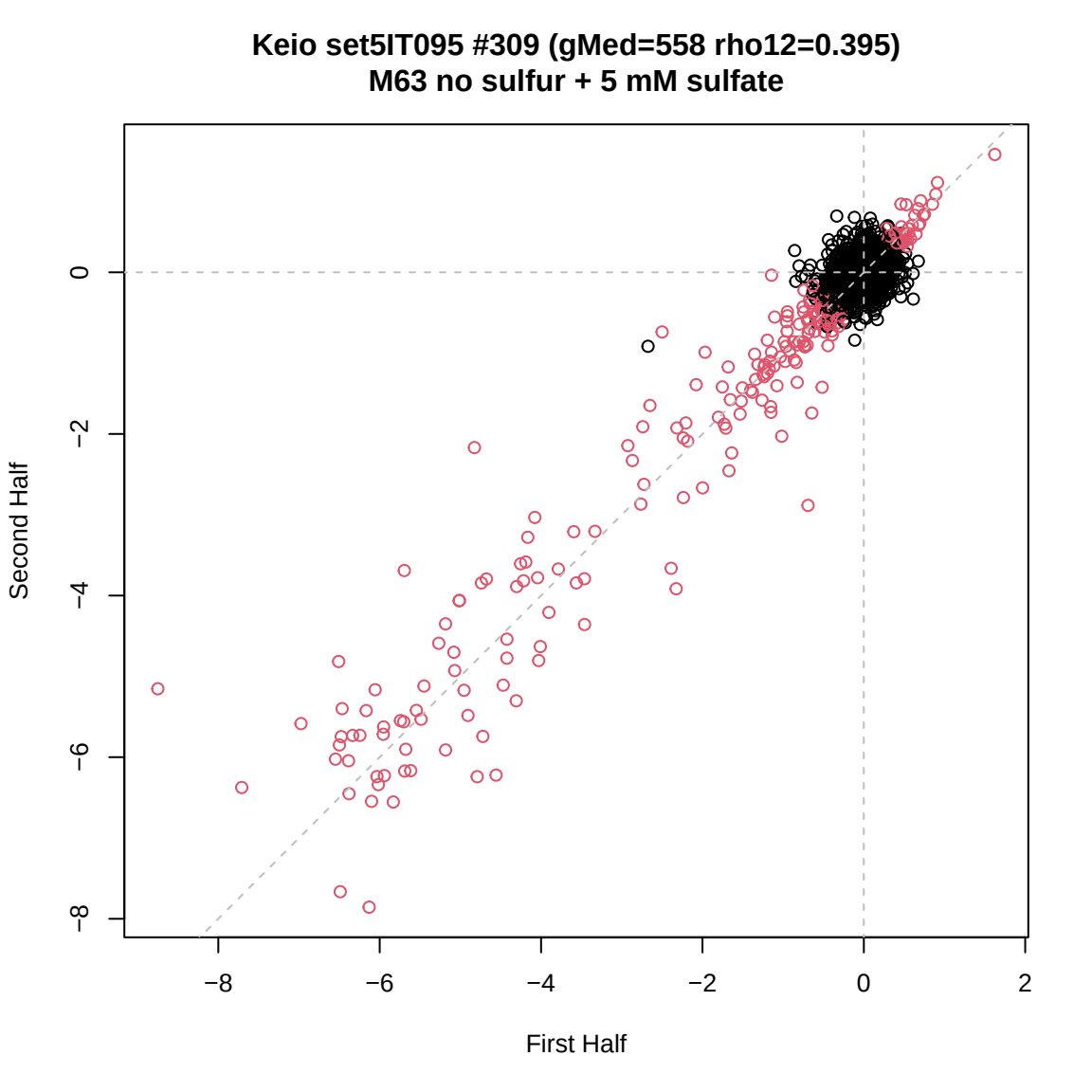

Keio set4IT096 #304 (gMed=221 rho12=0.124)
LB
Second Half
First Half
0
−1
−2
−3
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

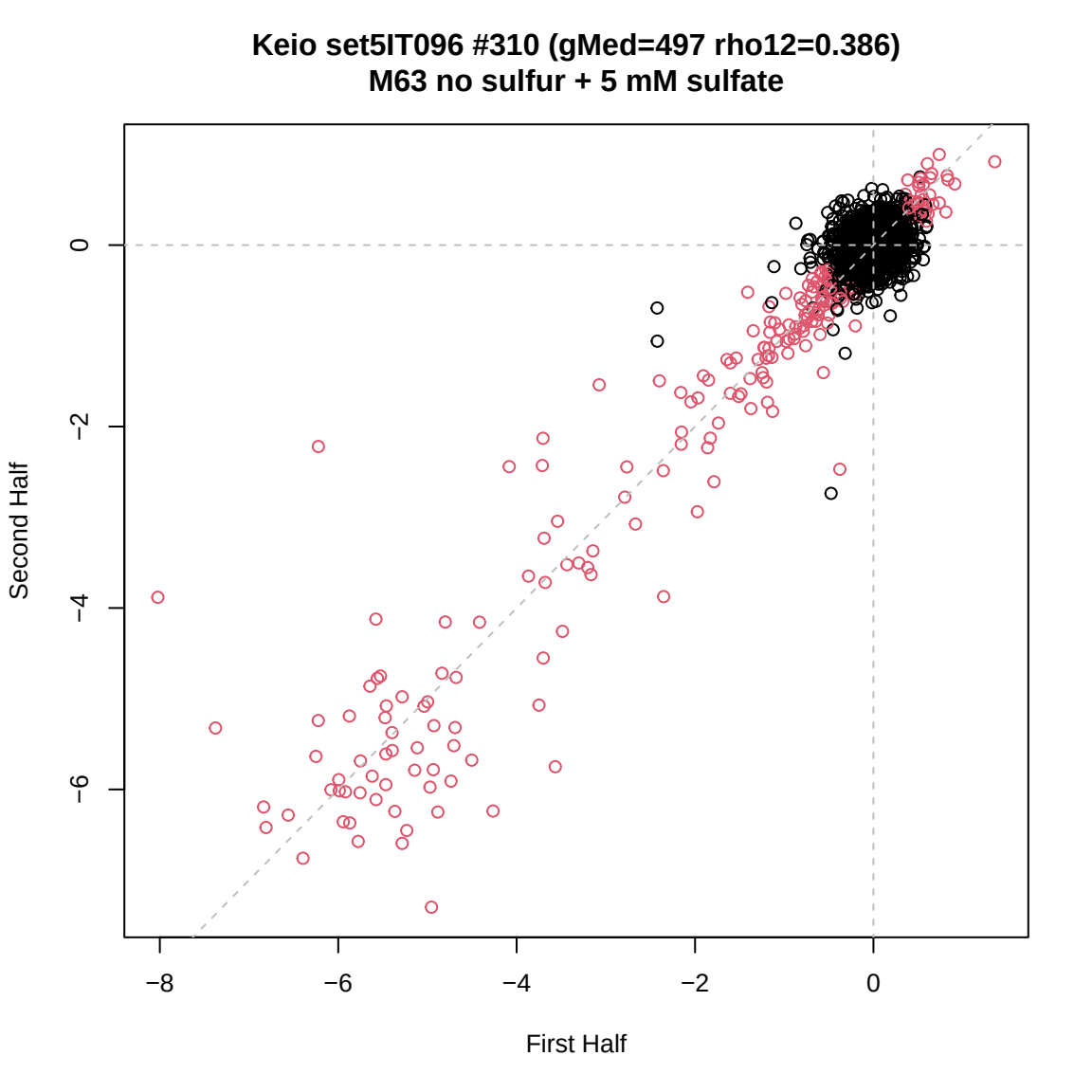

Keio set5lT041 #305 (gMed=627 rho12=0.037)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

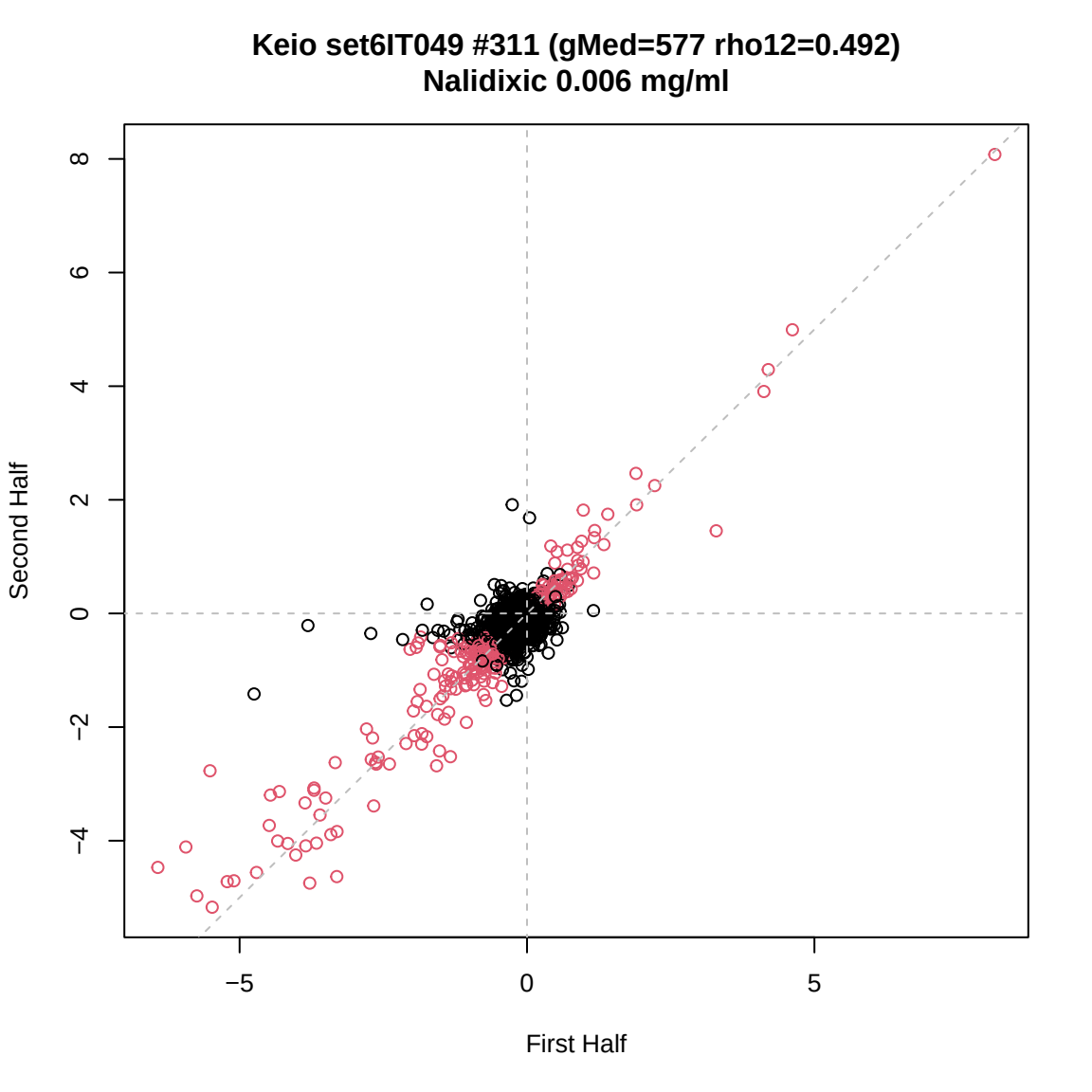

Keio set5IT092 #306 (gMed=564 rho12=0.037)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−0.5
0.0
0.5

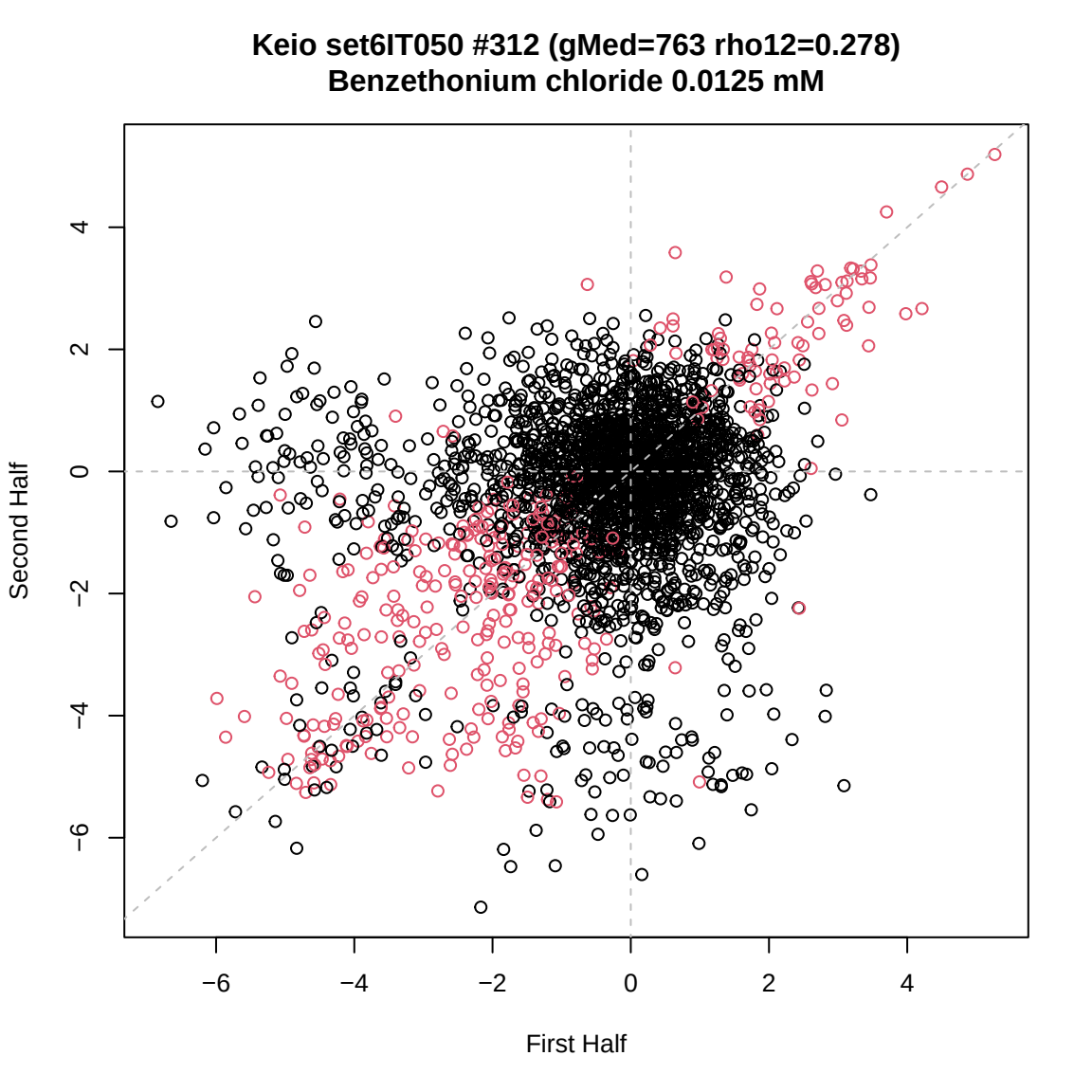

Keio set5IT093 #307 (gMed=549 rho12=0.395)
M63 no sulfur + 5 mM L−cys
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

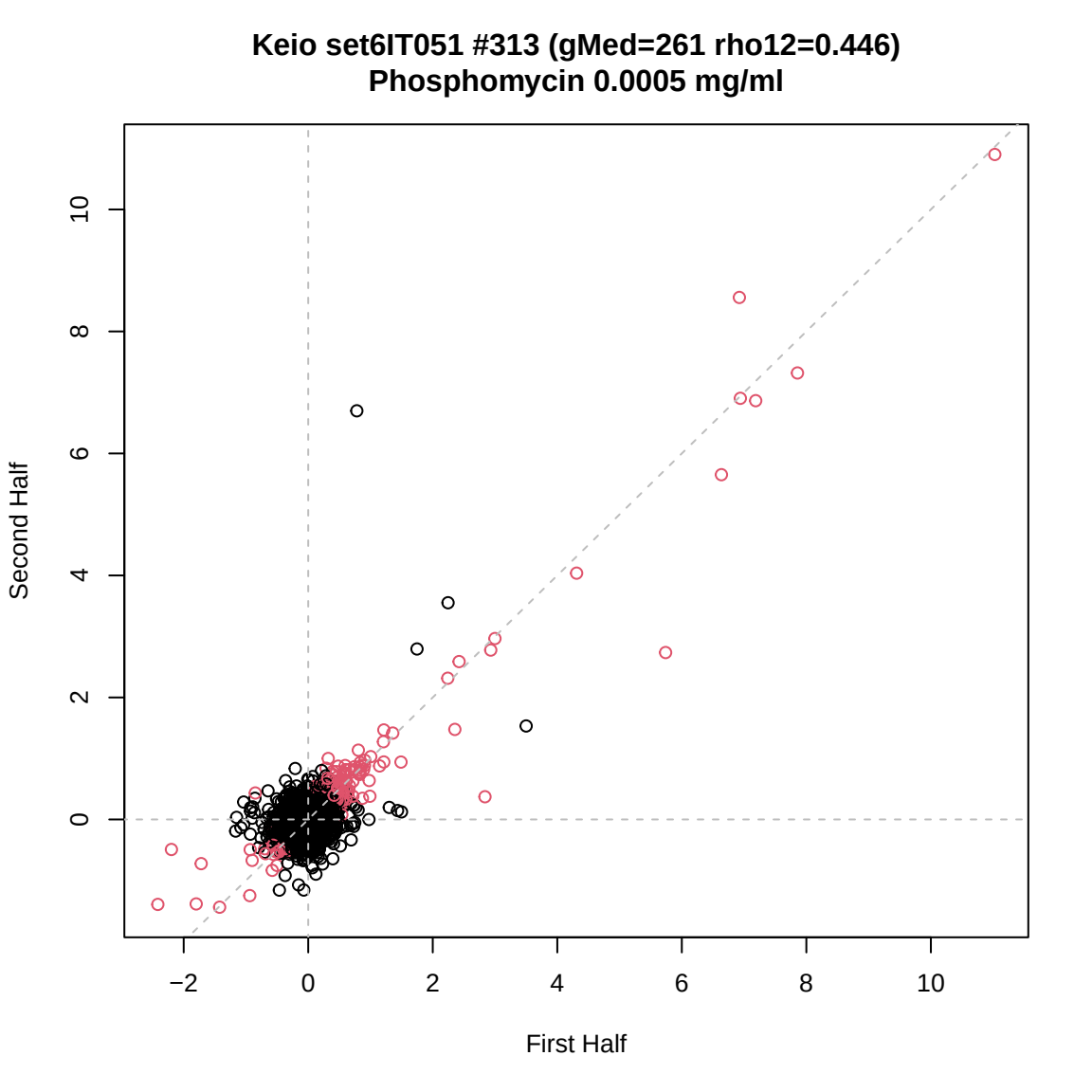

Keio set5lT094 #308 (gMed=573 rho12=0.380)
M63 no sulfur + 5 mM L−cys
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

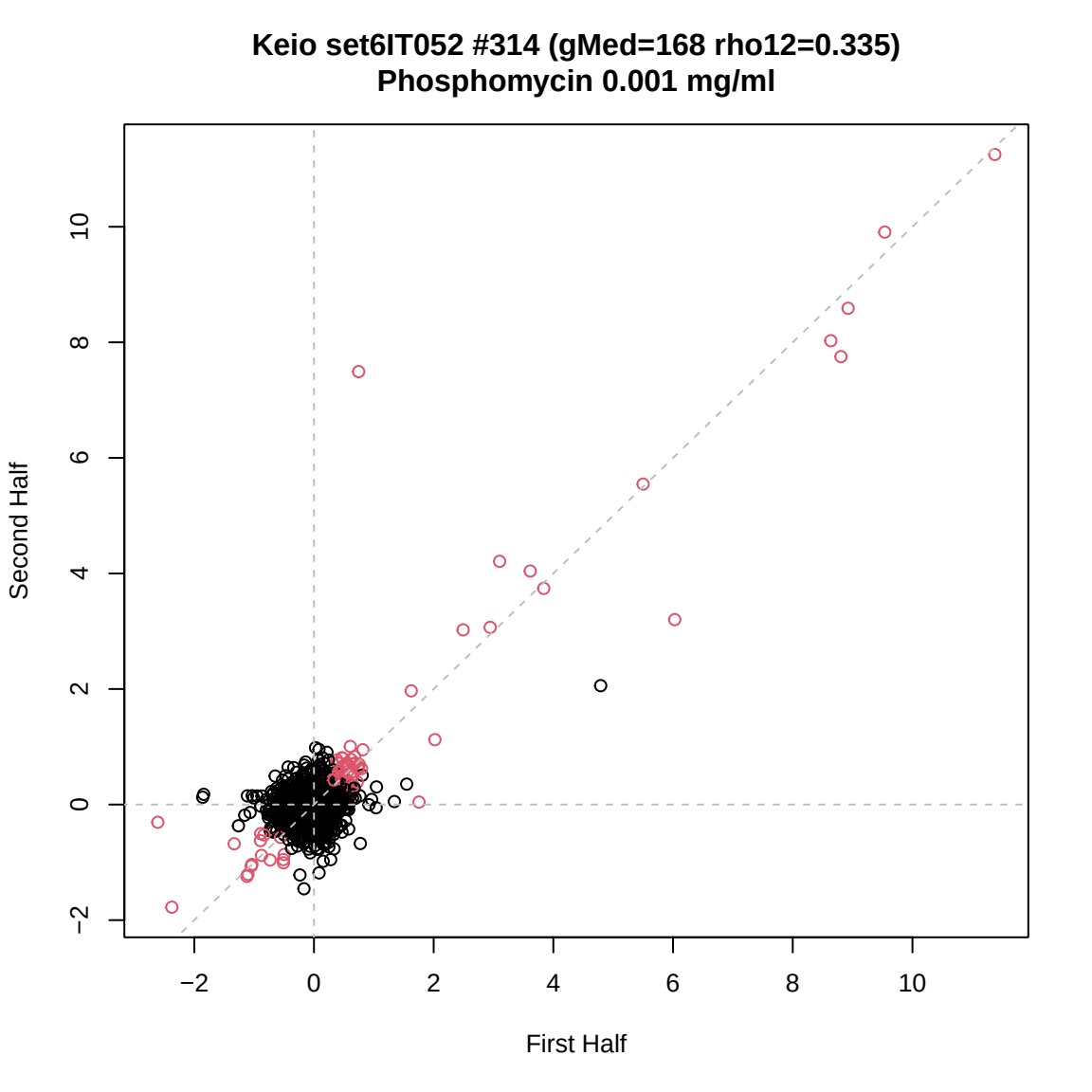

Keio set5lT095 #309 (gMed=558 rho12=0.395)
M63 no sulfur + 5 mM sulfate
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

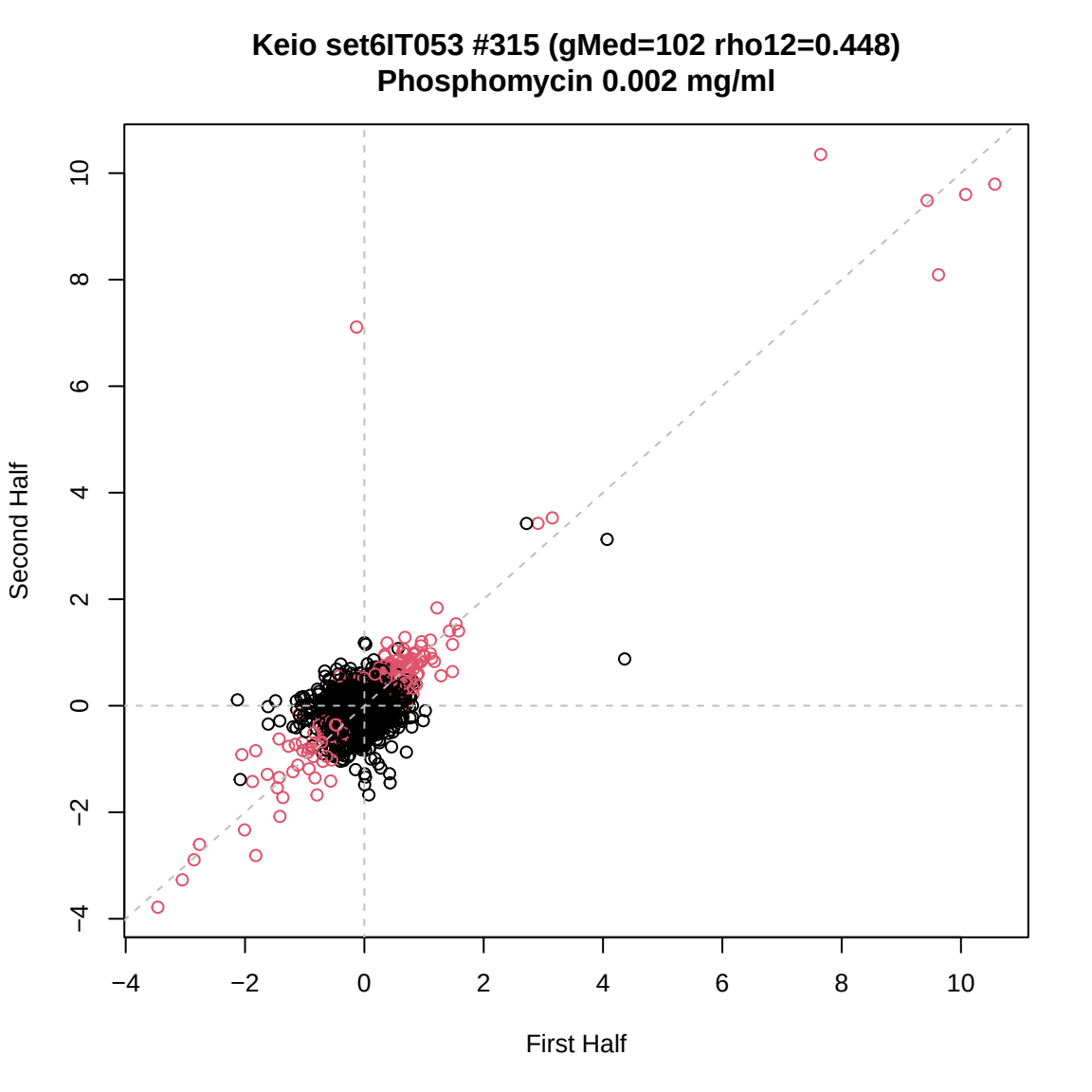

Keio set5lT096 #310 (gMed=497 rho12=0.386)
M63 no sulfur + 5 mM sulfate
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

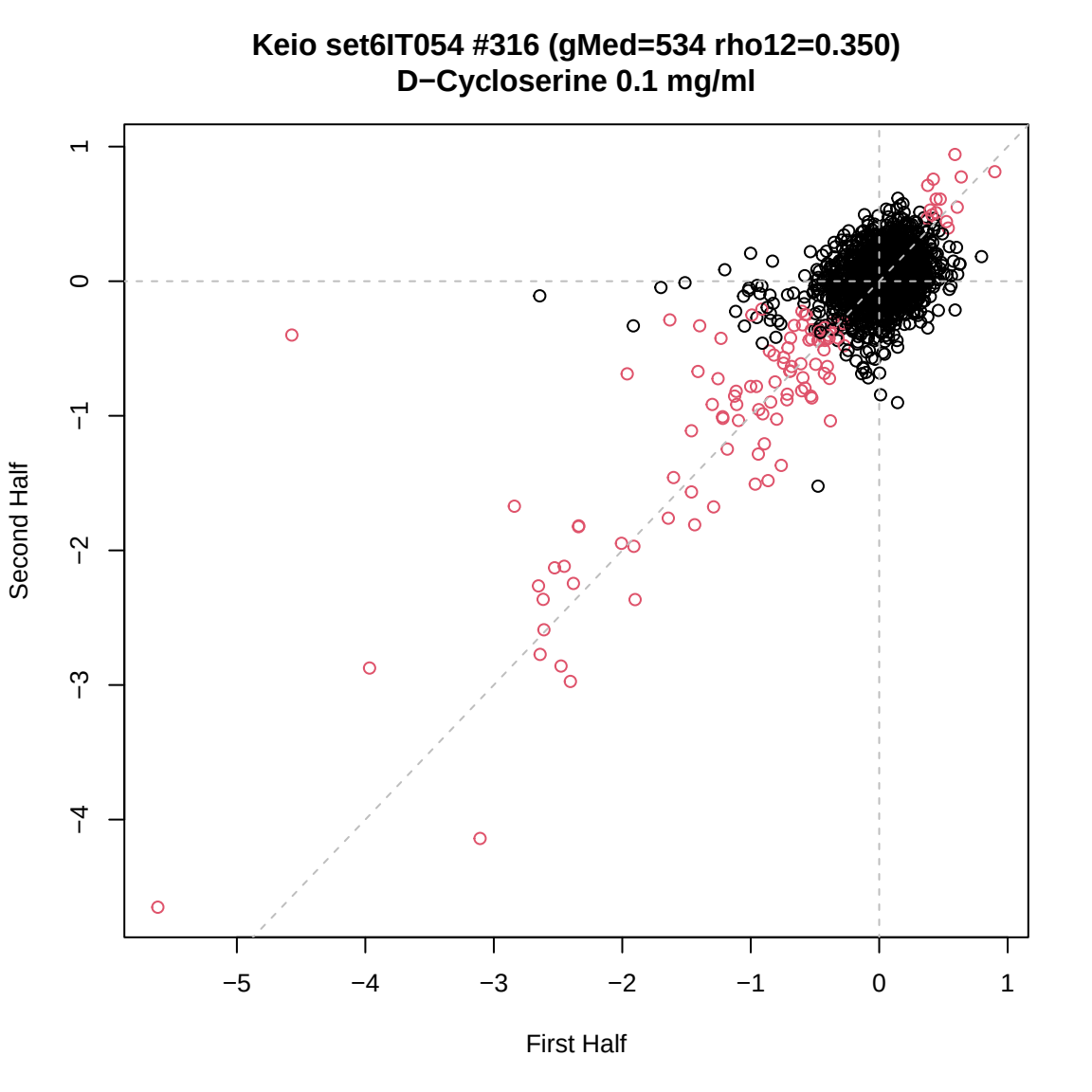

Keio set6IT049 #311 (gMed=577 rho12=0.492)
Nalidixic 0.006 mg/ml
Second Half
First Half
8
6
4
2
0
−2
−4
−5
0
5

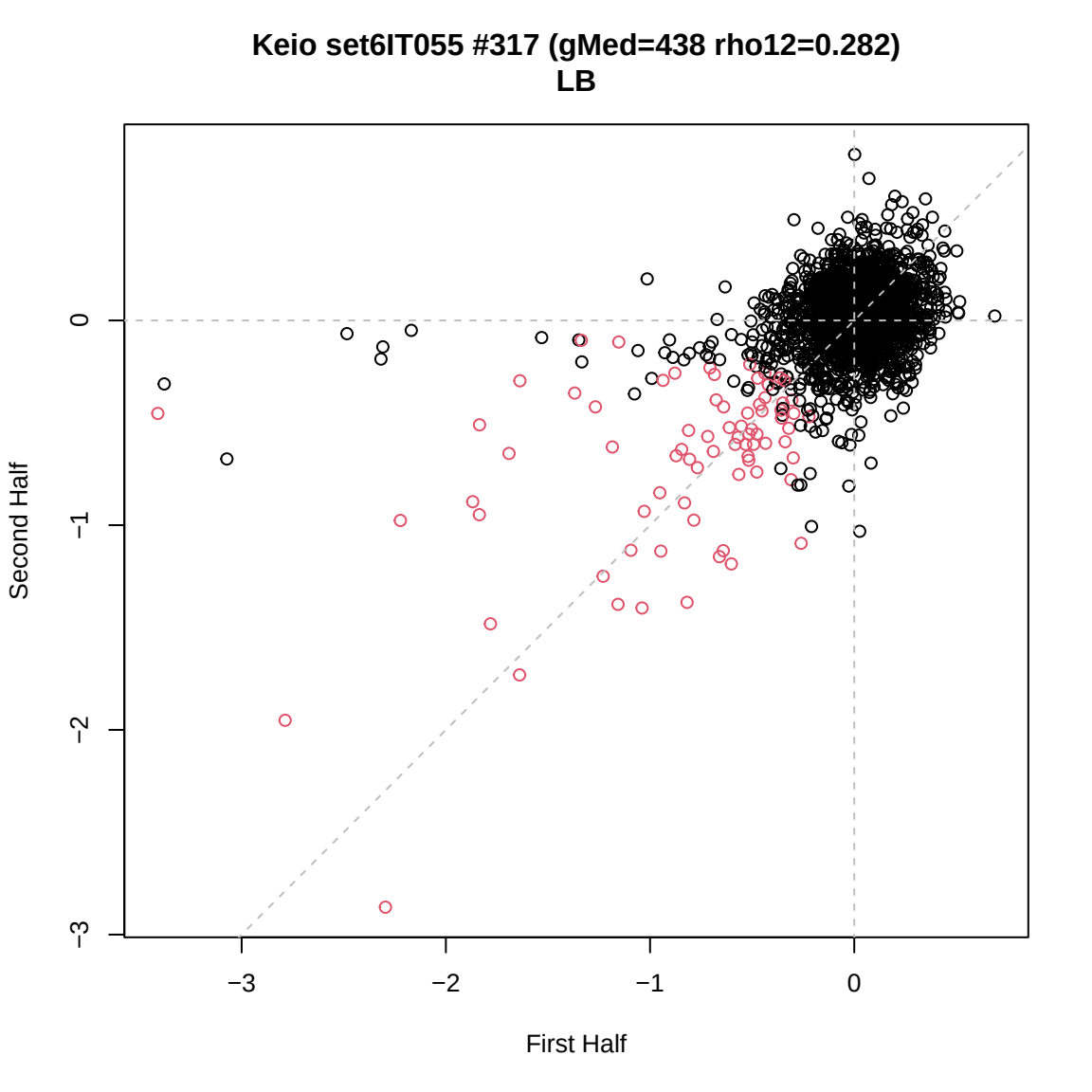

Keio set6IT050 #312 (gMed=763 rho12=0.278)
Benzethonium chloride 0.0125 mM
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

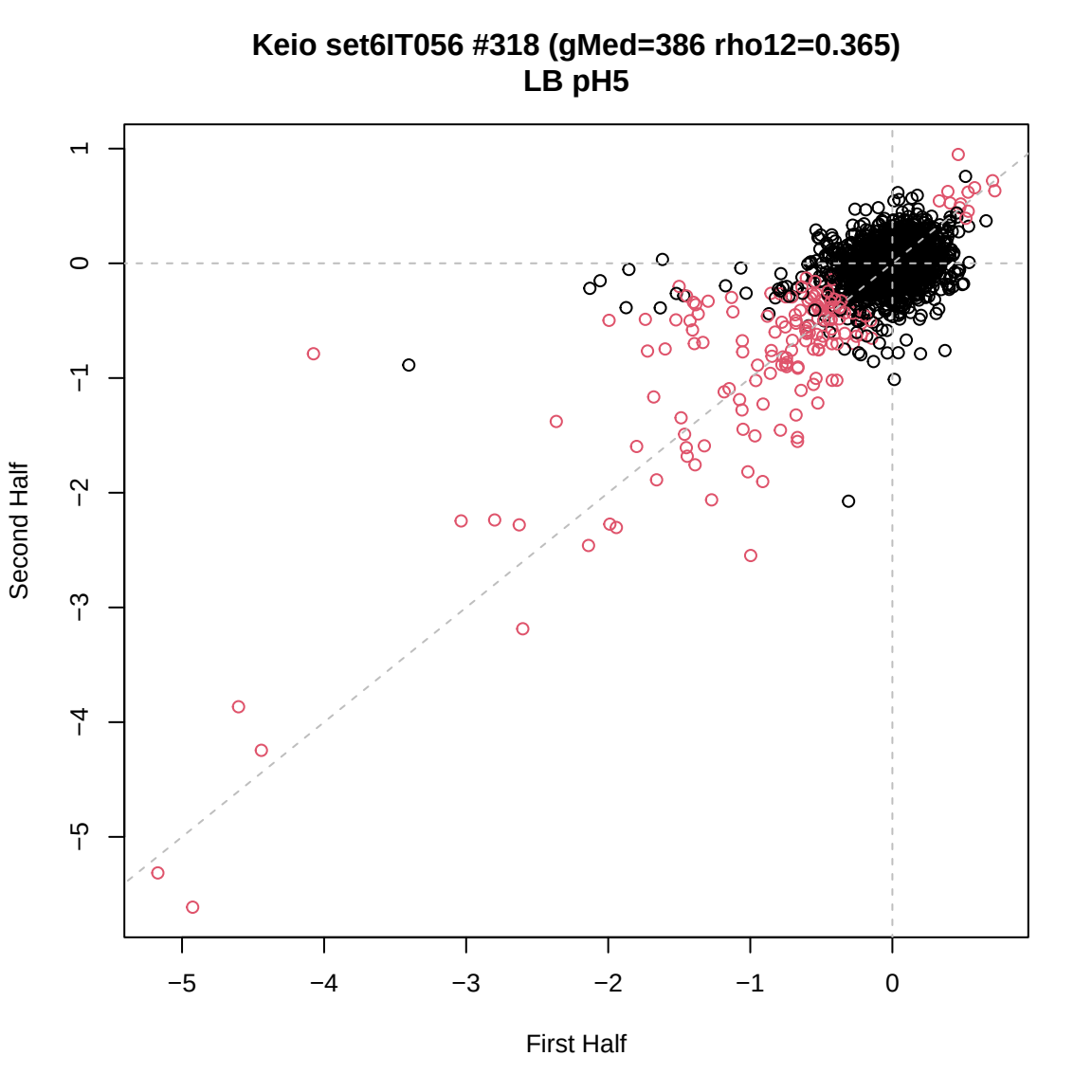

Keio set6IT051 #313 (gMed=261 rho12=0.446)
Phosphomycin 0.0005 mg/ml
Second Half
First Half
−2
0
2
4
6
8
10

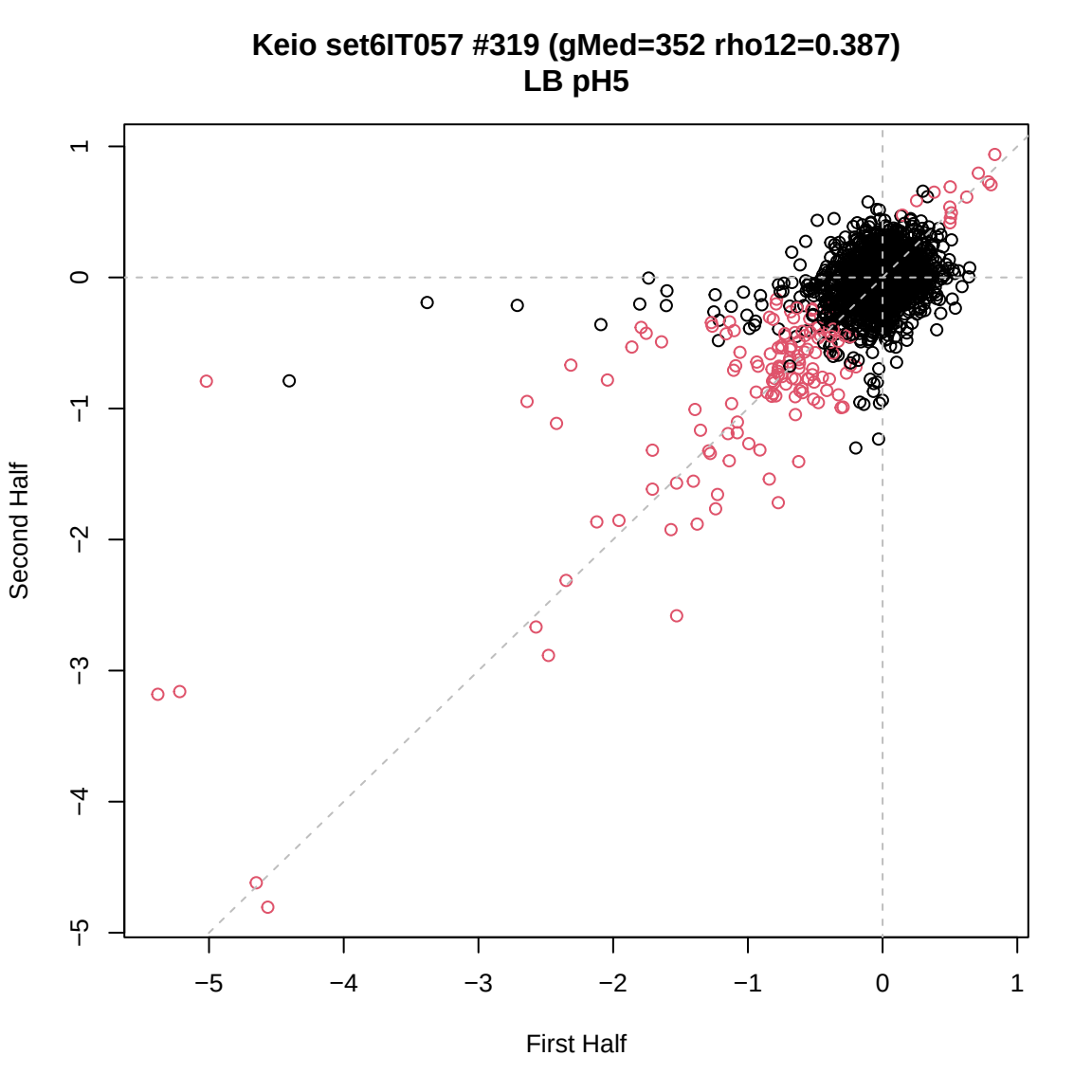

Keio set6IT052 #314 (gMed=168 rho12=0.335)
Phosphomycin 0.001 mg/ml
Second Half
First Half
−2
0
2
4
6
8
10

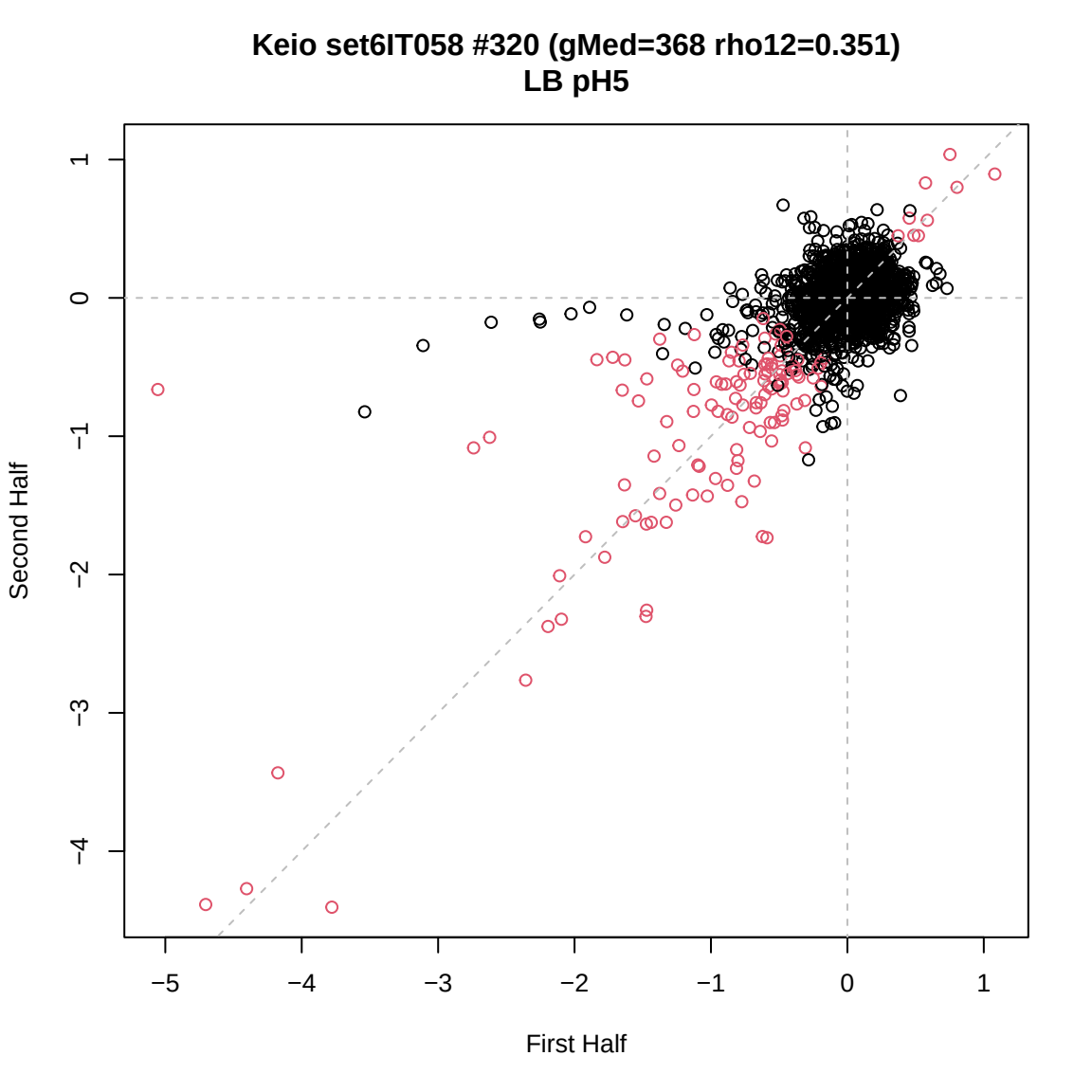

Keio set6IT053 #315 (gMed=102 rho12=0.448)
Phosphomycin 0.002 mg/ml
Second Half
First Half
−4
−2
0
2
4
6
8
10

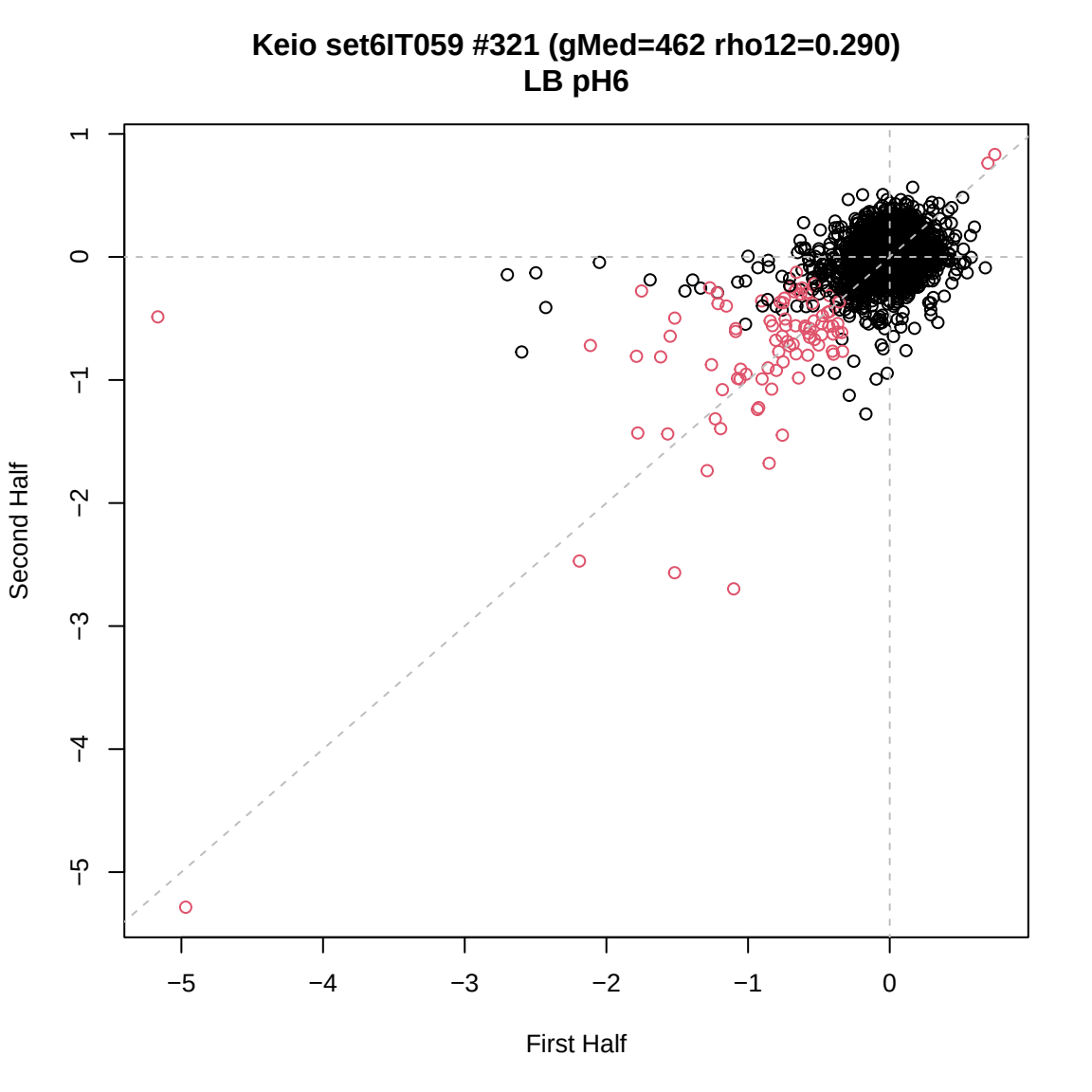

Keio set6IT054 #316 (gMed=534 rho12=0.350)
D−Cycloserine 0.1 mg/ml
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

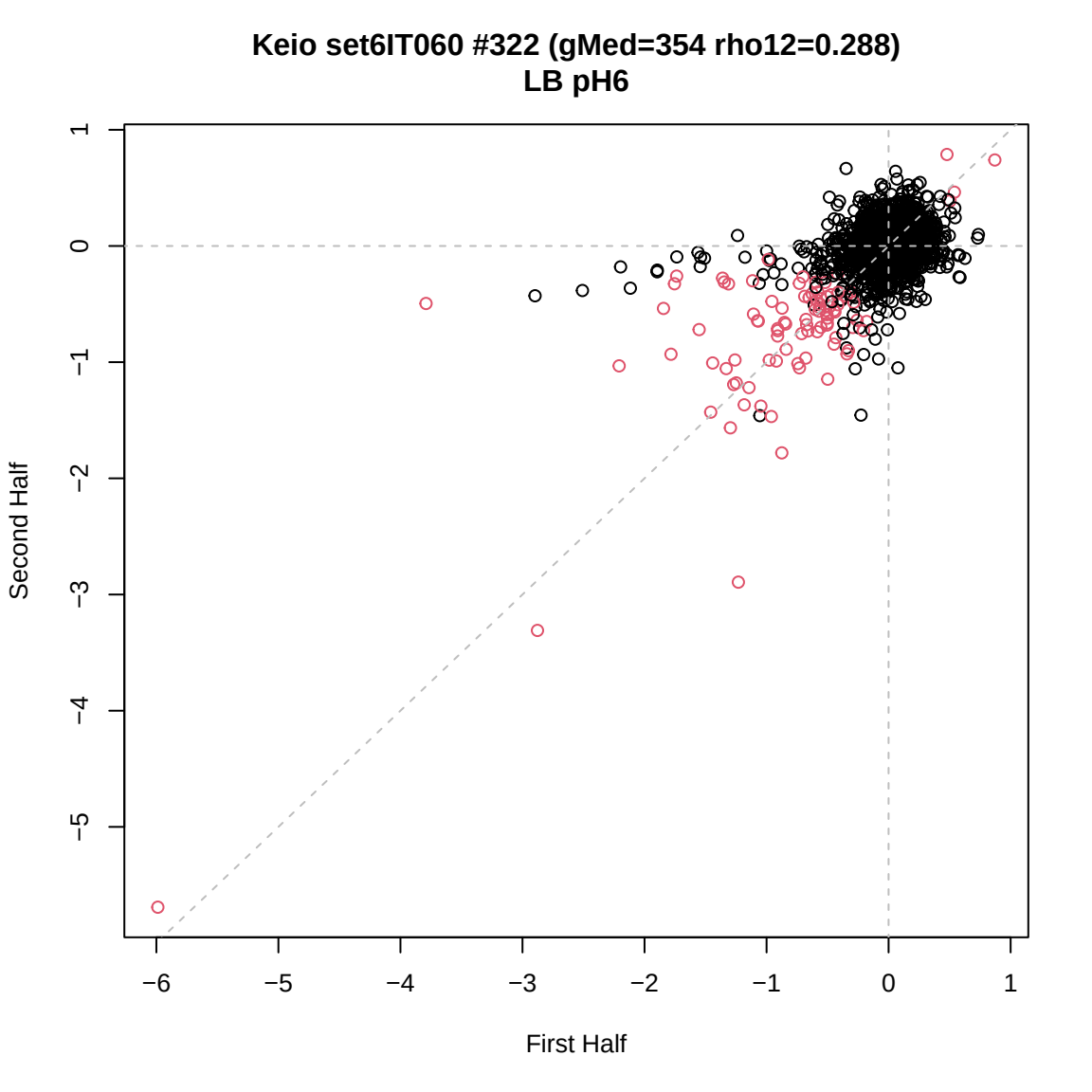

Keio set6IT055 #317 (gMed=438 rho12=0.282)
LB
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0

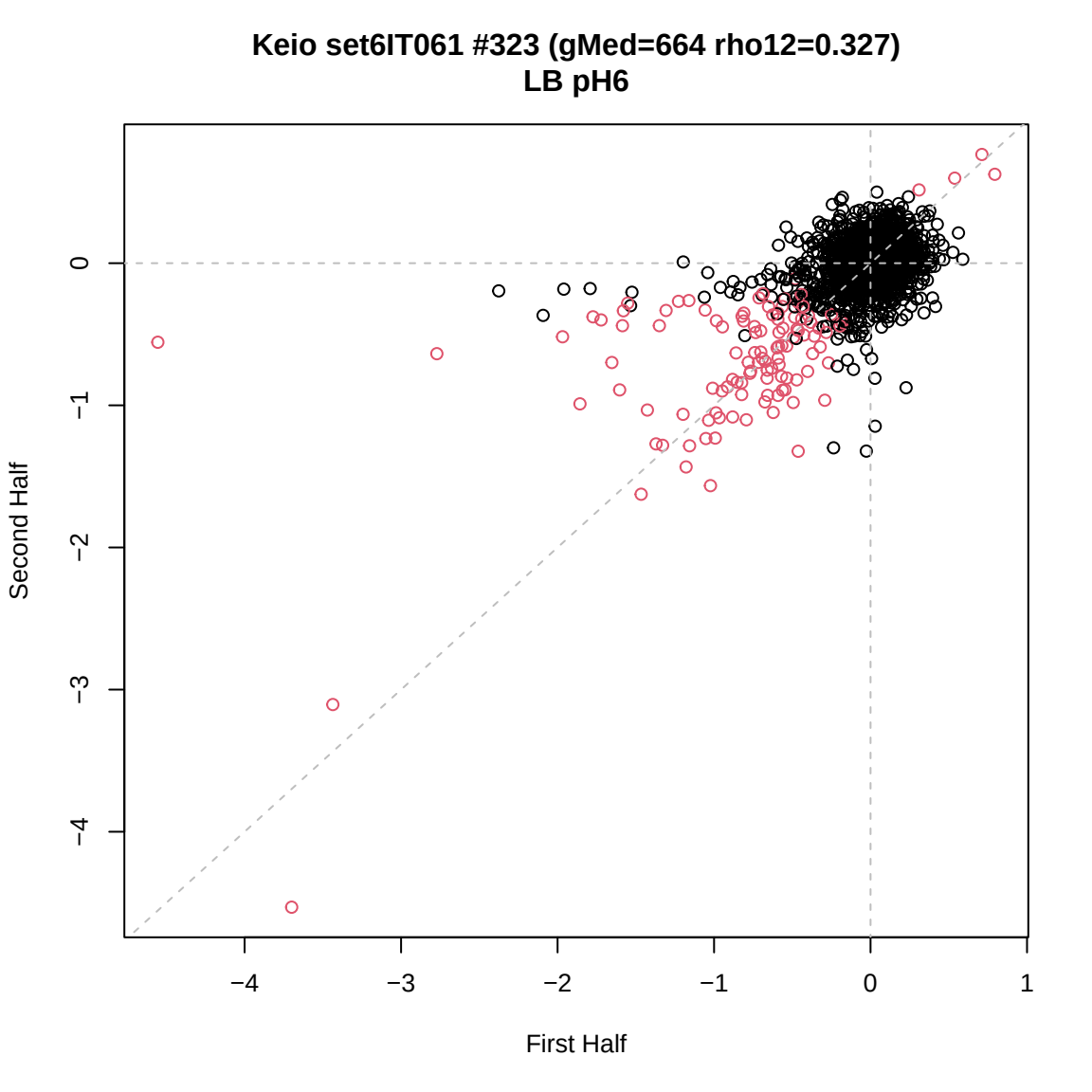

Keio set6IT056 #318 (gMed=386 rho12=0.365)
LB pH5
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0

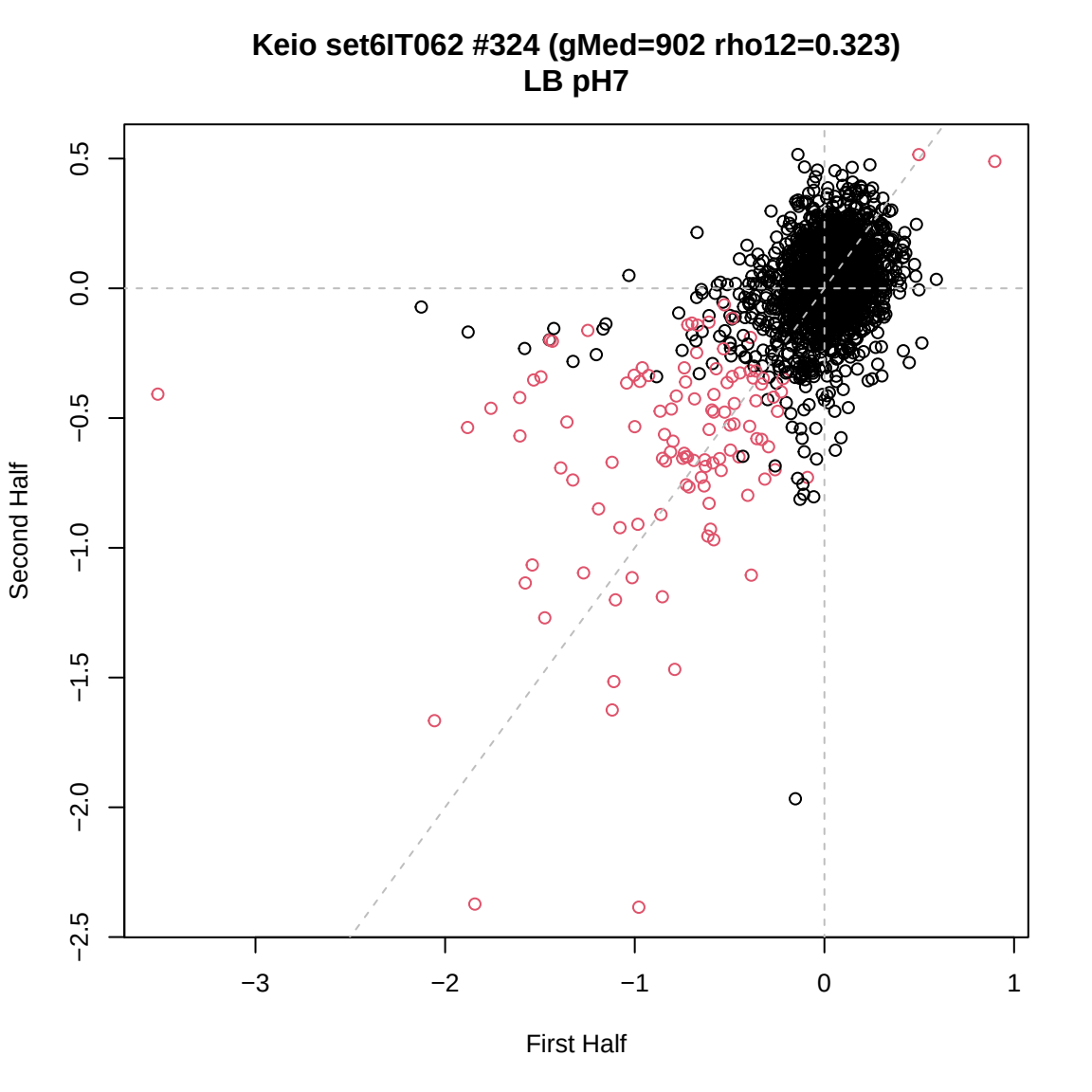

Keio set6IT057 #319 (gMed=352 rho12=0.387)
LB pH5
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

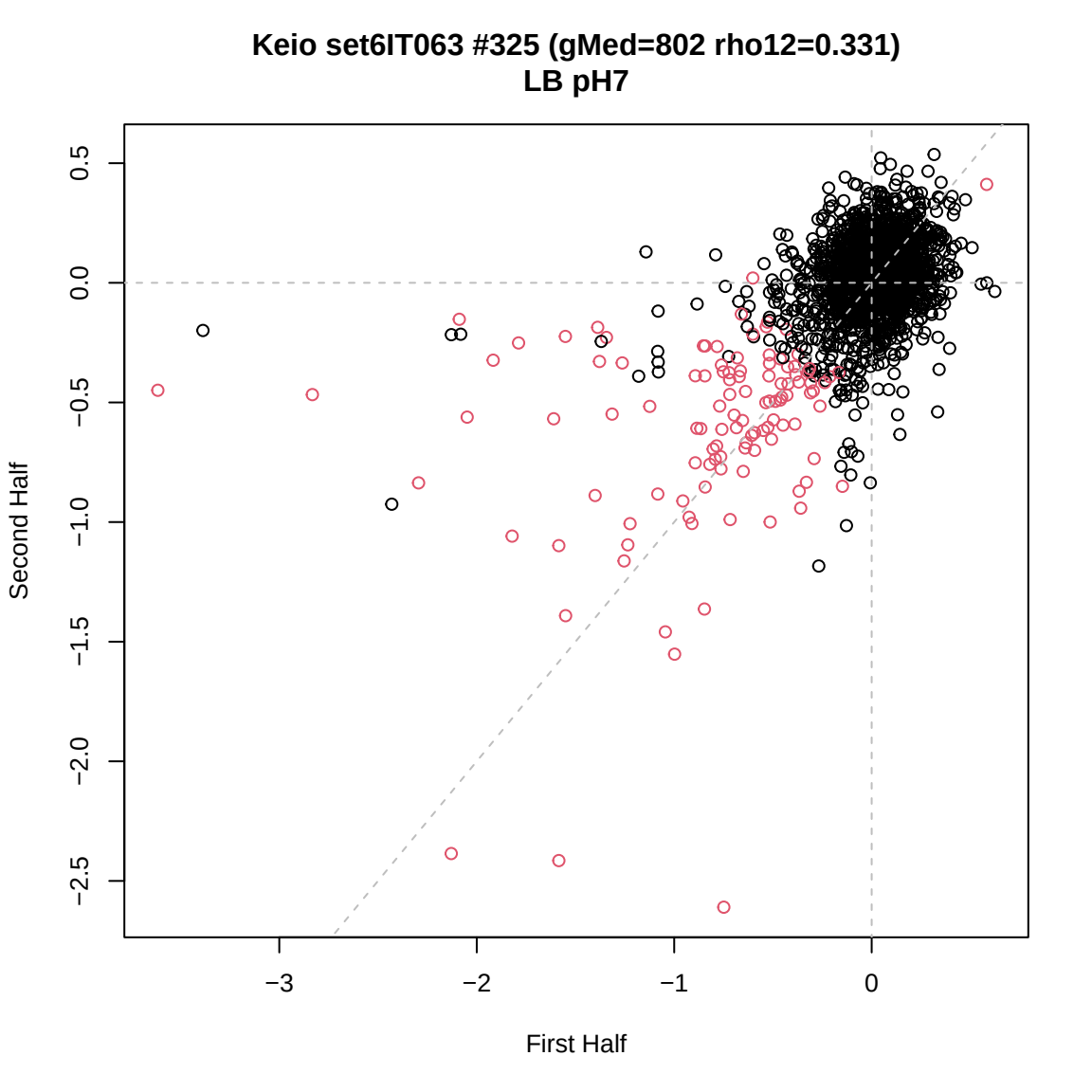

Keio set6IT058 #320 (gMed=368 rho12=0.351)
LB pH5
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

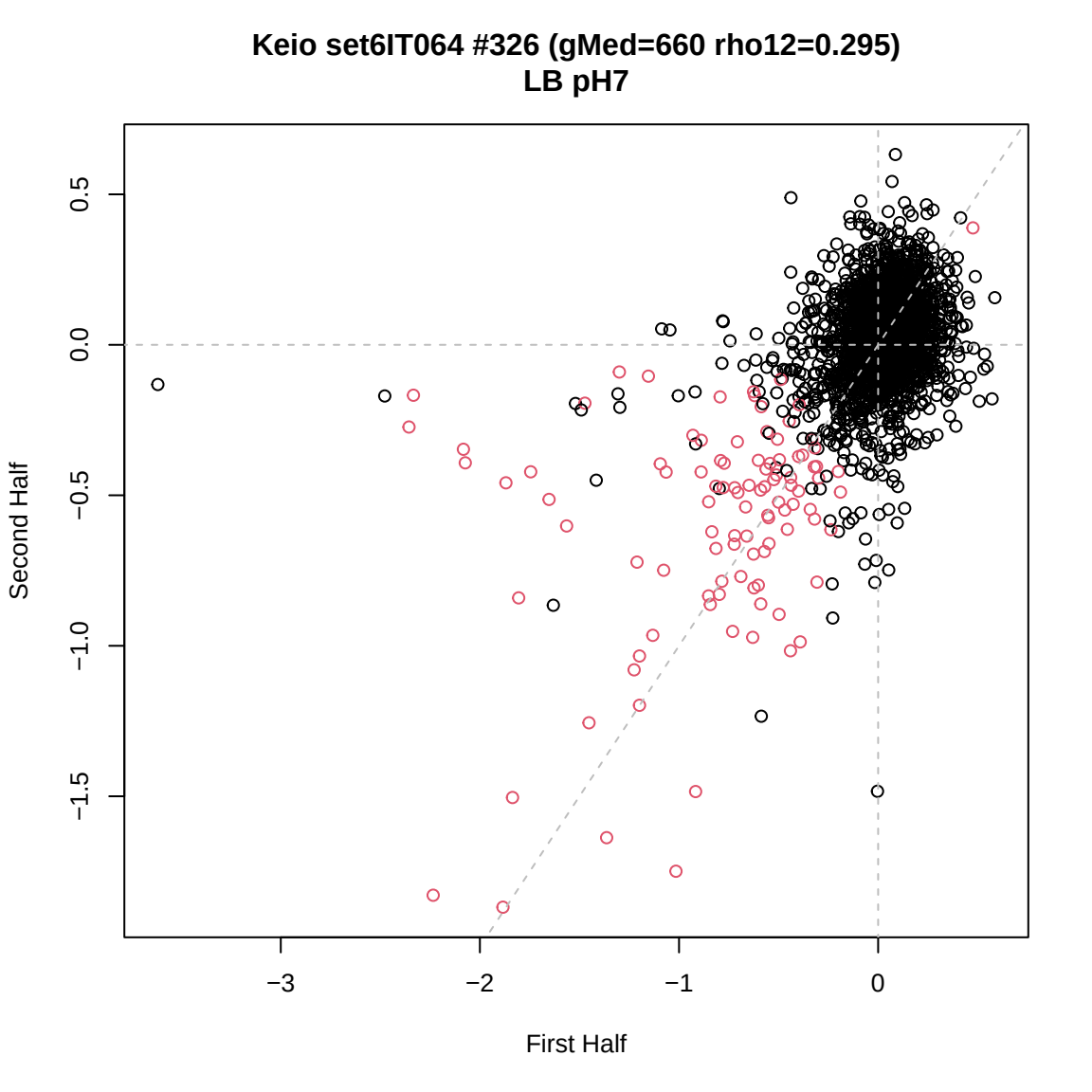

Keio set6IT059 #321 (gMed=462 rho12=0.290)
LB pH6
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0

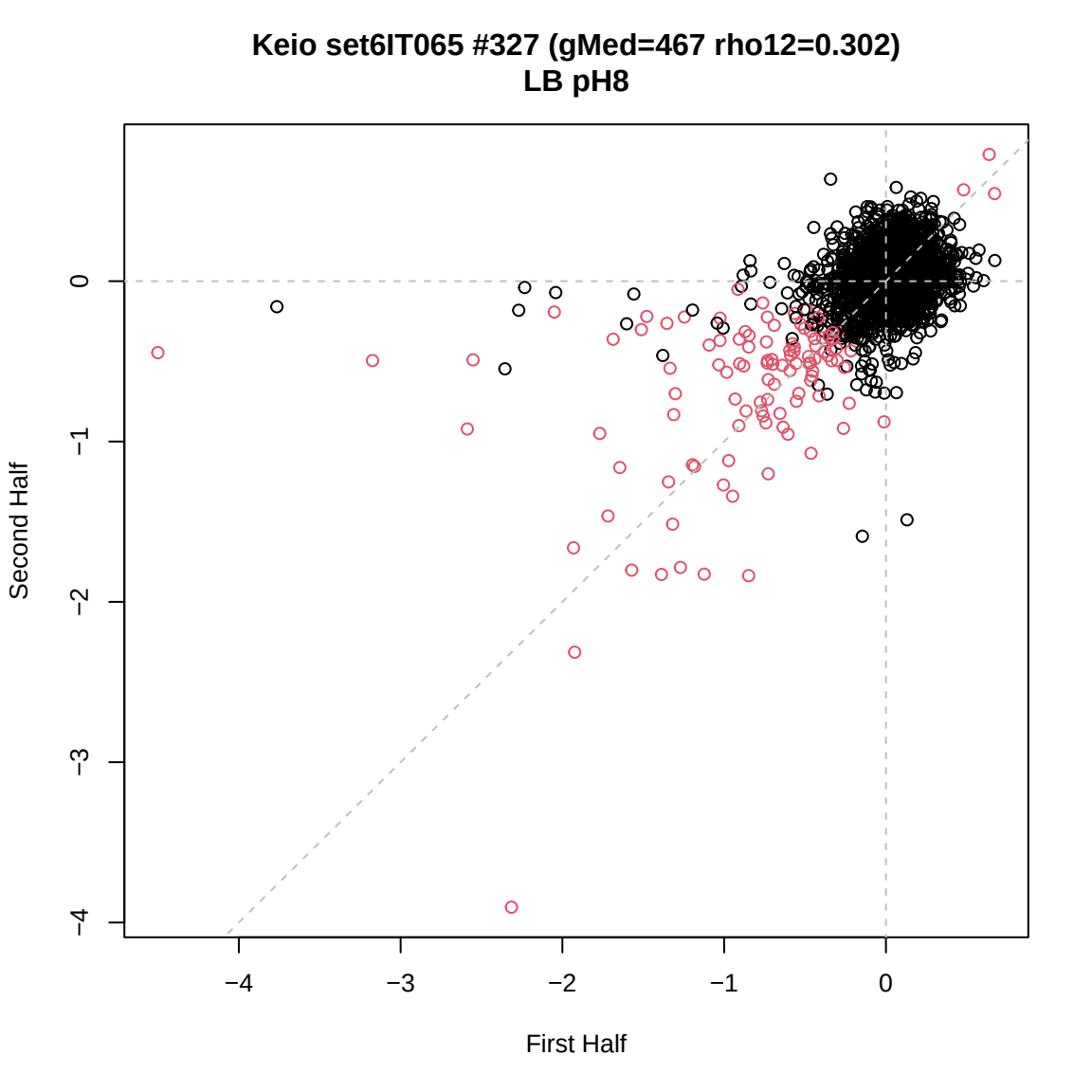

Keio set6IT060 #322 (gMed=354 rho12=0.288)
LB pH6
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6

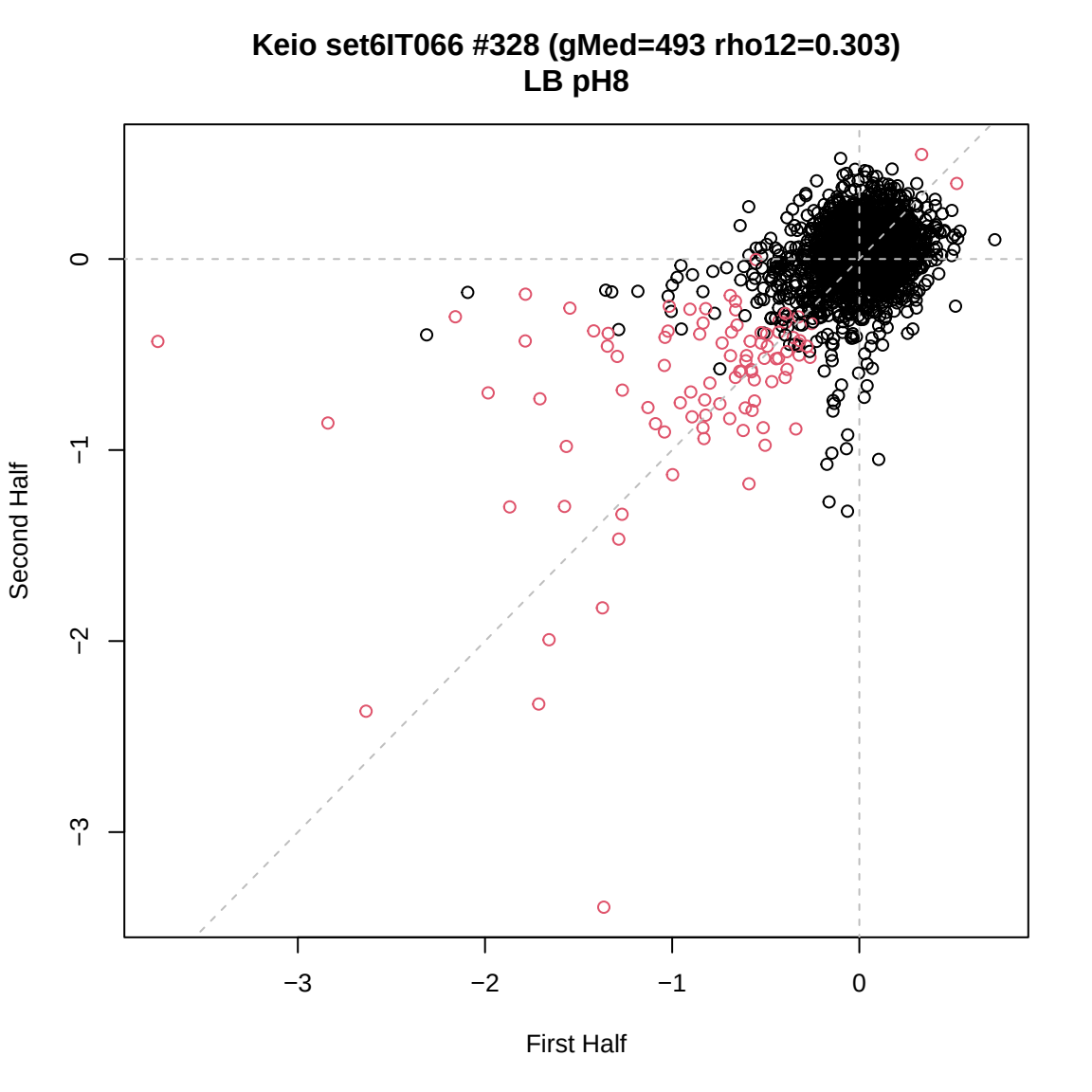

Keio set6IT061 #323 (gMed=664 rho12=0.327)
LB pH6
Second Half
First Half
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

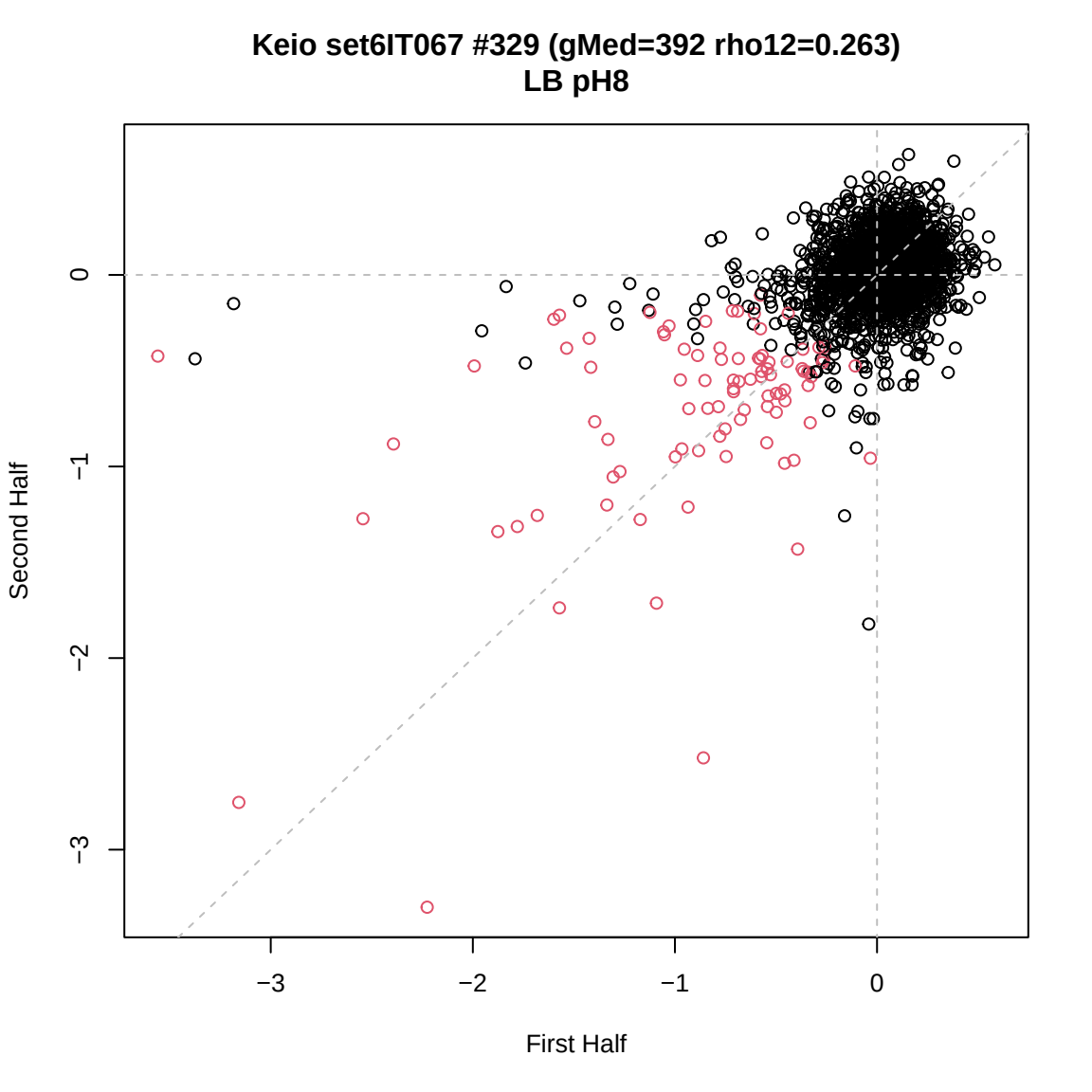

Keio set6IT062 #324 (gMed=902 rho12=0.323)
LB pH7
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3
−2
−1
0
1

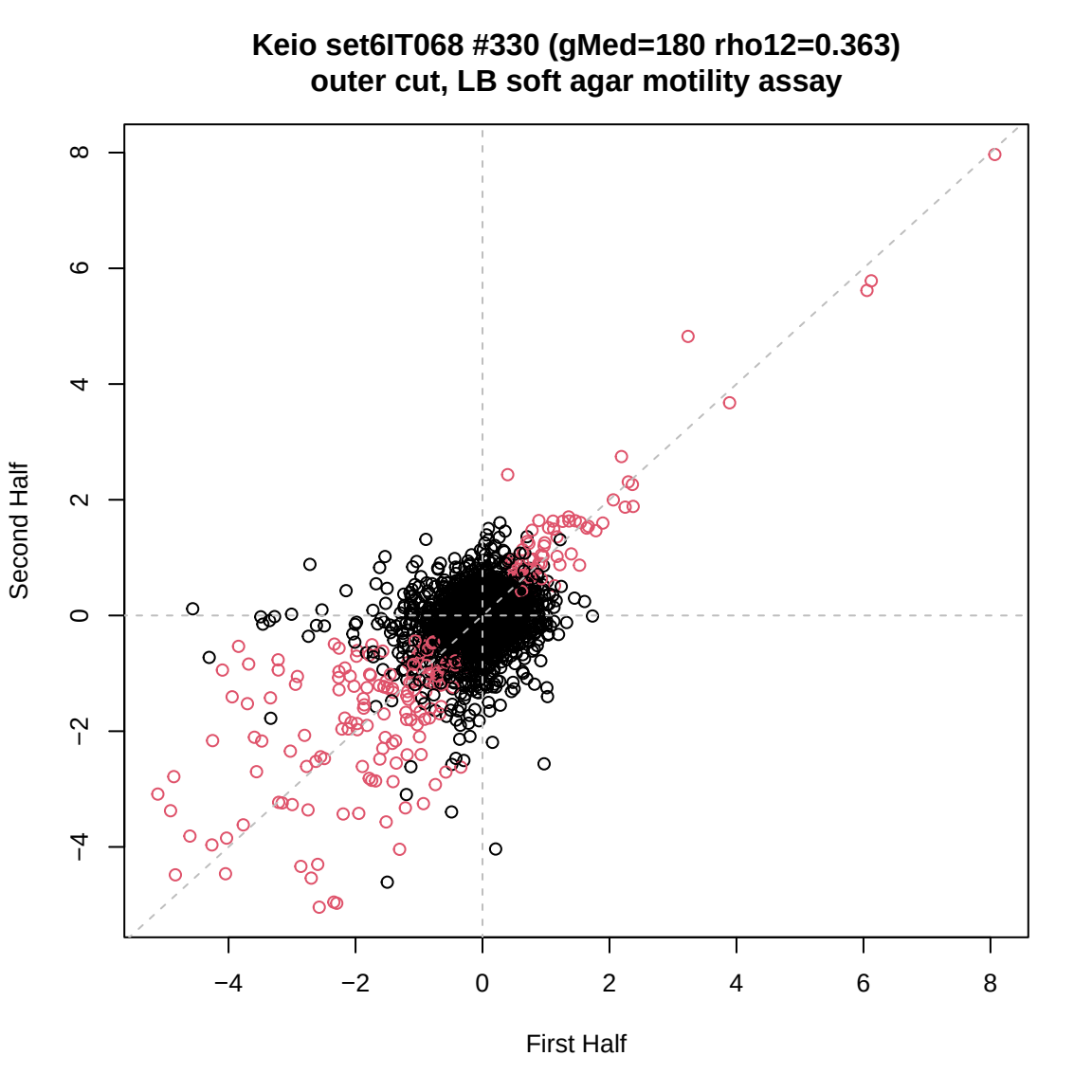

Keio set6IT063 #325 (gMed=802 rho12=0.331)
LB pH7
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3
−2
−1
0

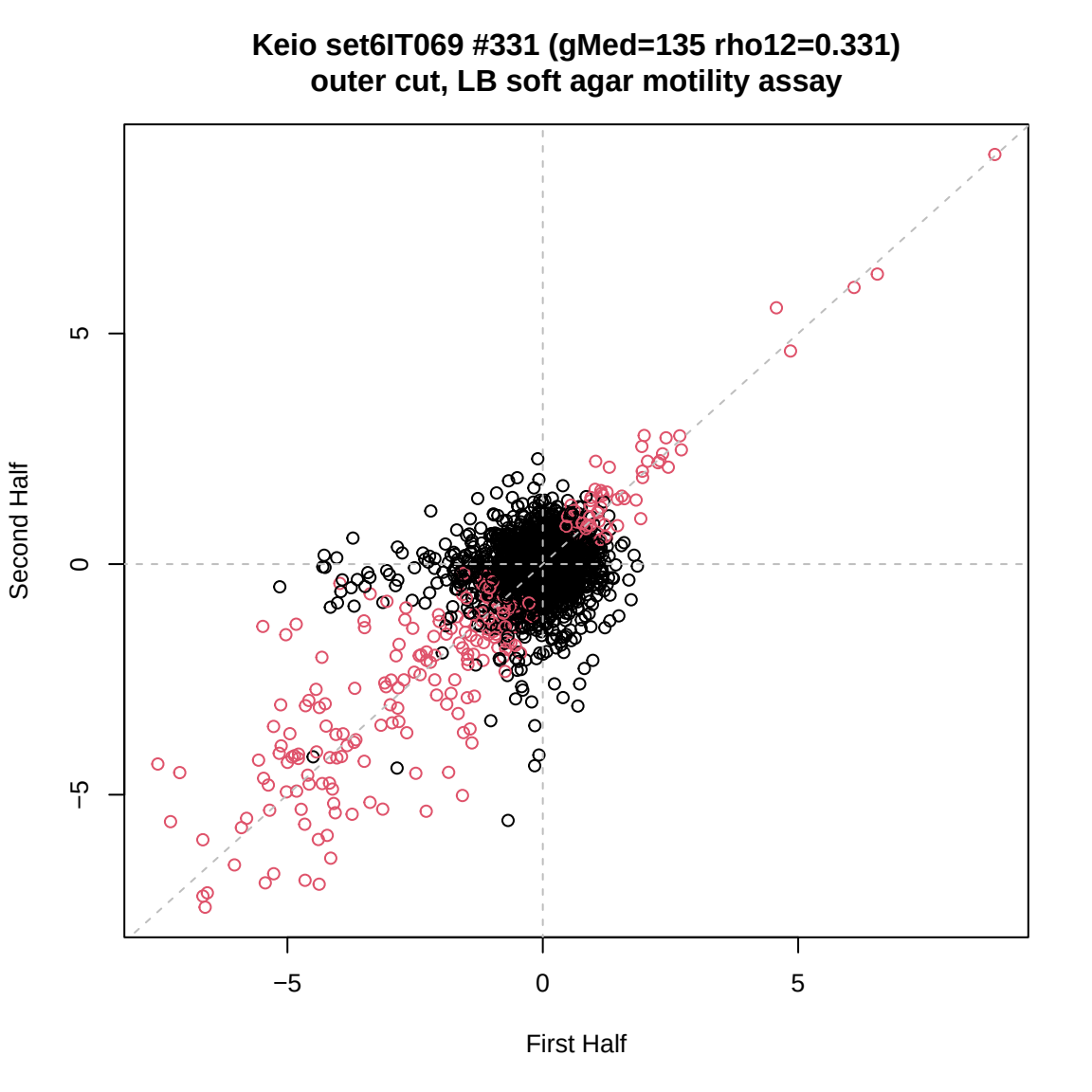

Keio set6IT064 #326 (gMed=660 rho12=0.295)
LB pH7
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0

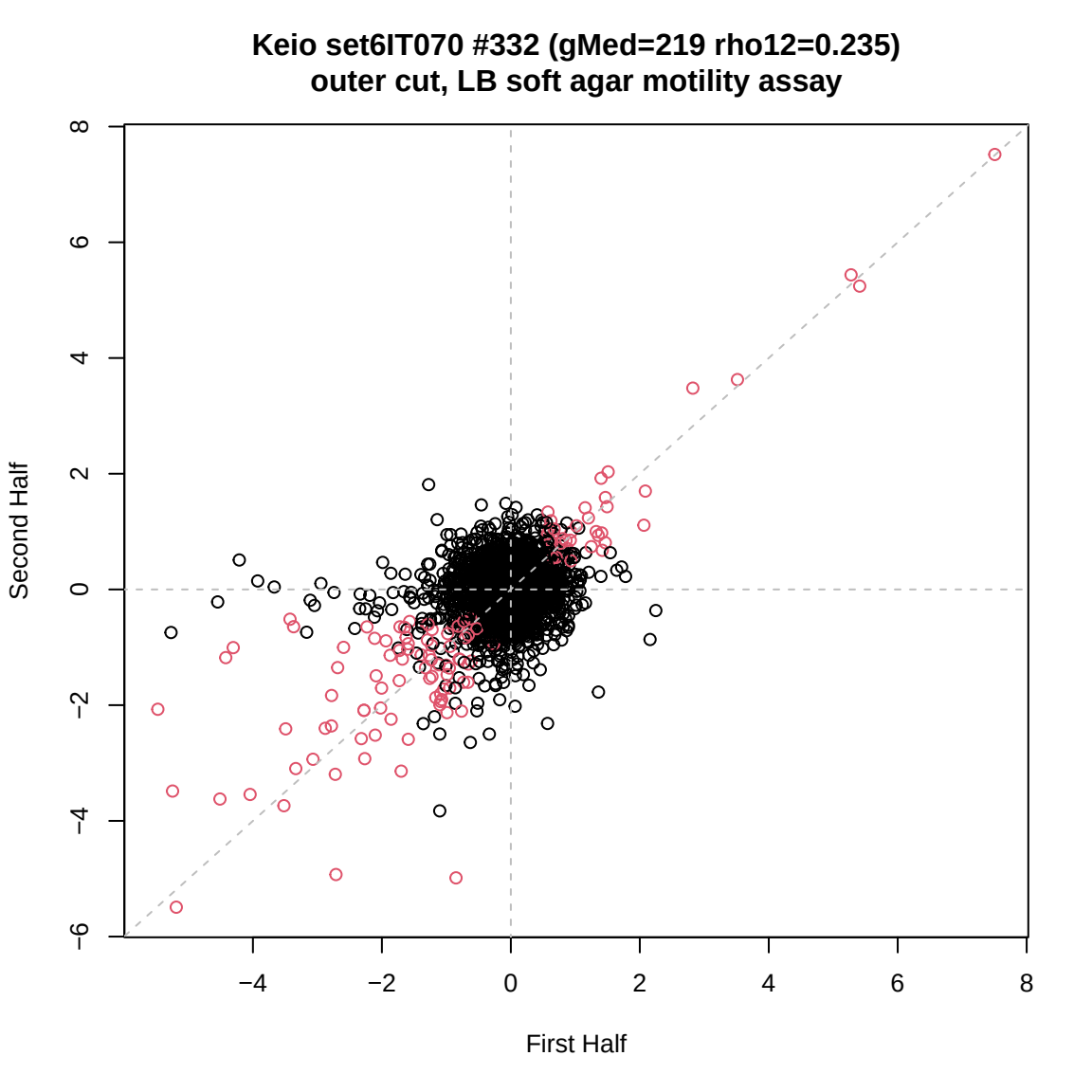

Keio set6IT065 #327 (gMed=467 rho12=0.302)
LB pH8
Second Half
First Half
0
−1
−2
−3
−4
−4
−3
−2
−1
0

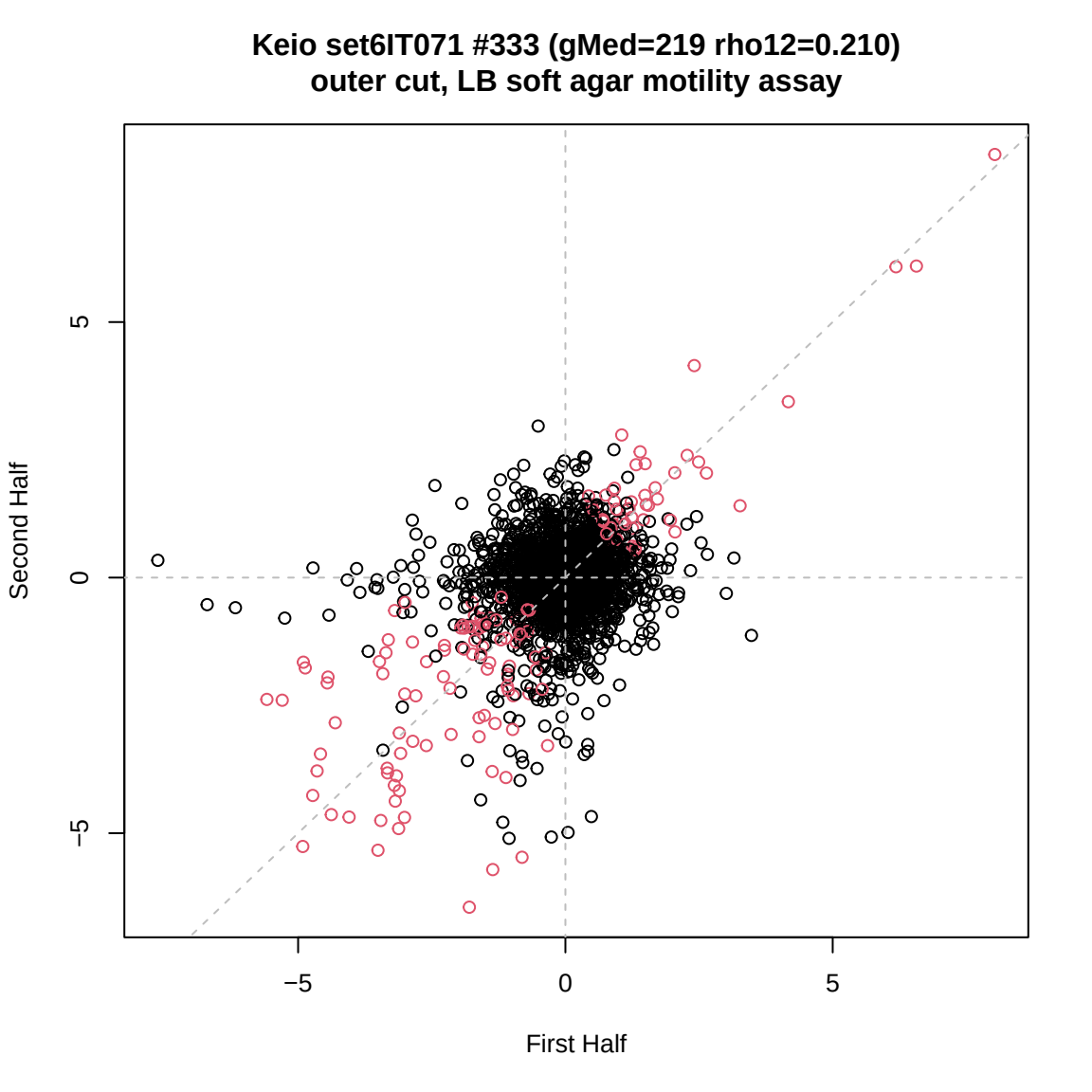

Keio set6IT066 #328 (gMed=493 rho12=0.303)
LB pH8
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0

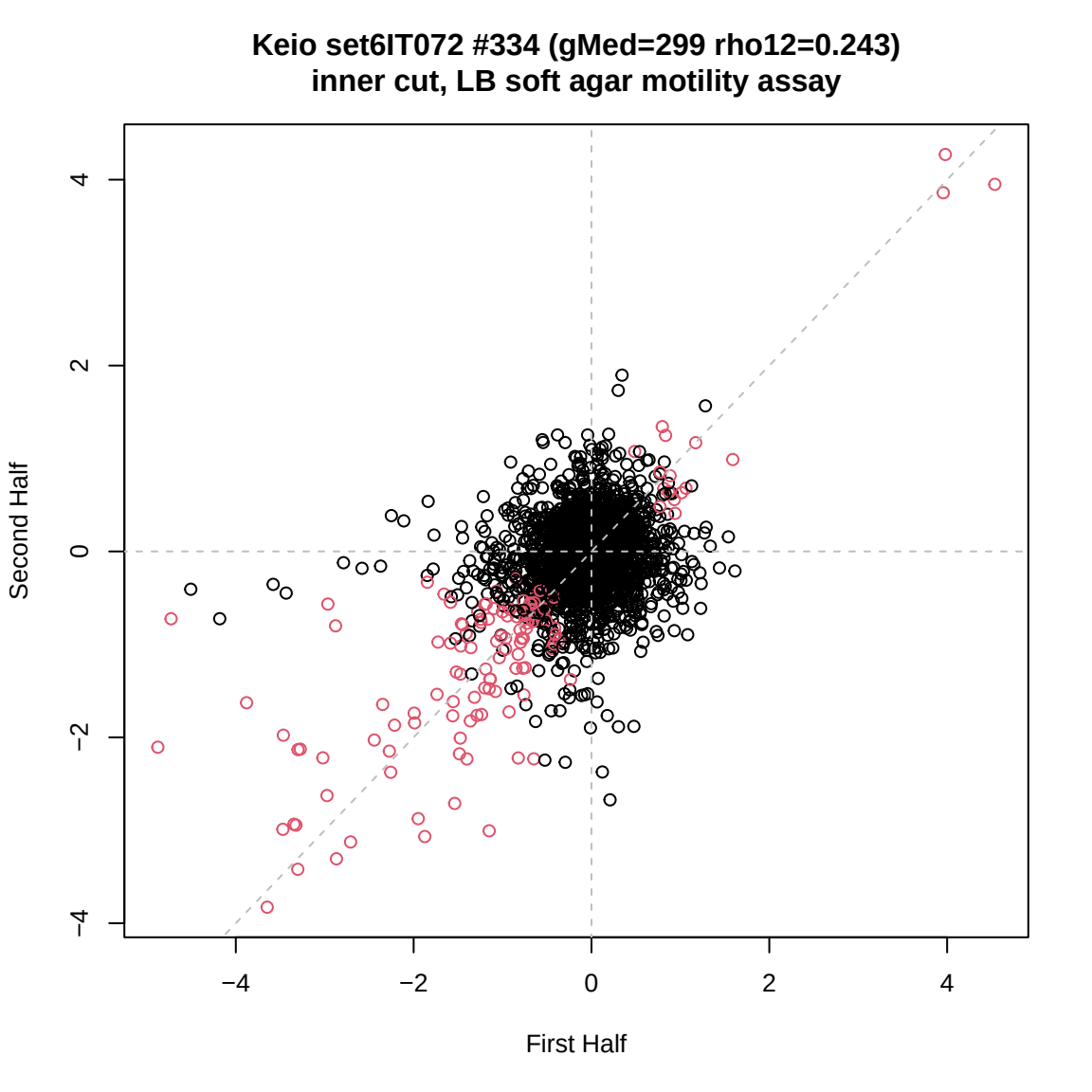

Keio set6IT067 #329 (gMed=392 rho12=0.263)
LB pH8
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0

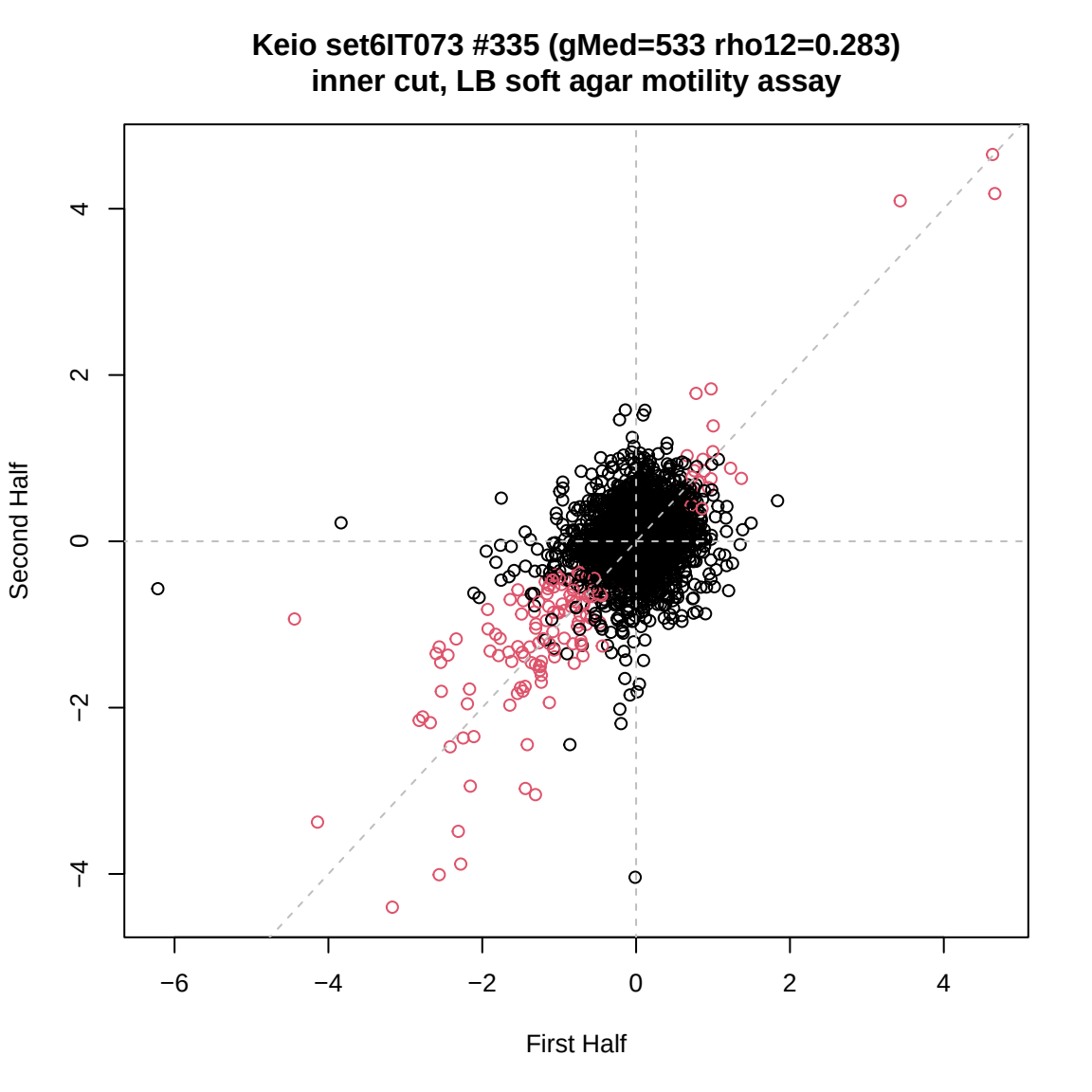

Keio set6IT068 #330 (gMed=180 rho12=0.363)
outer cut, LB soft agar motility assay
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

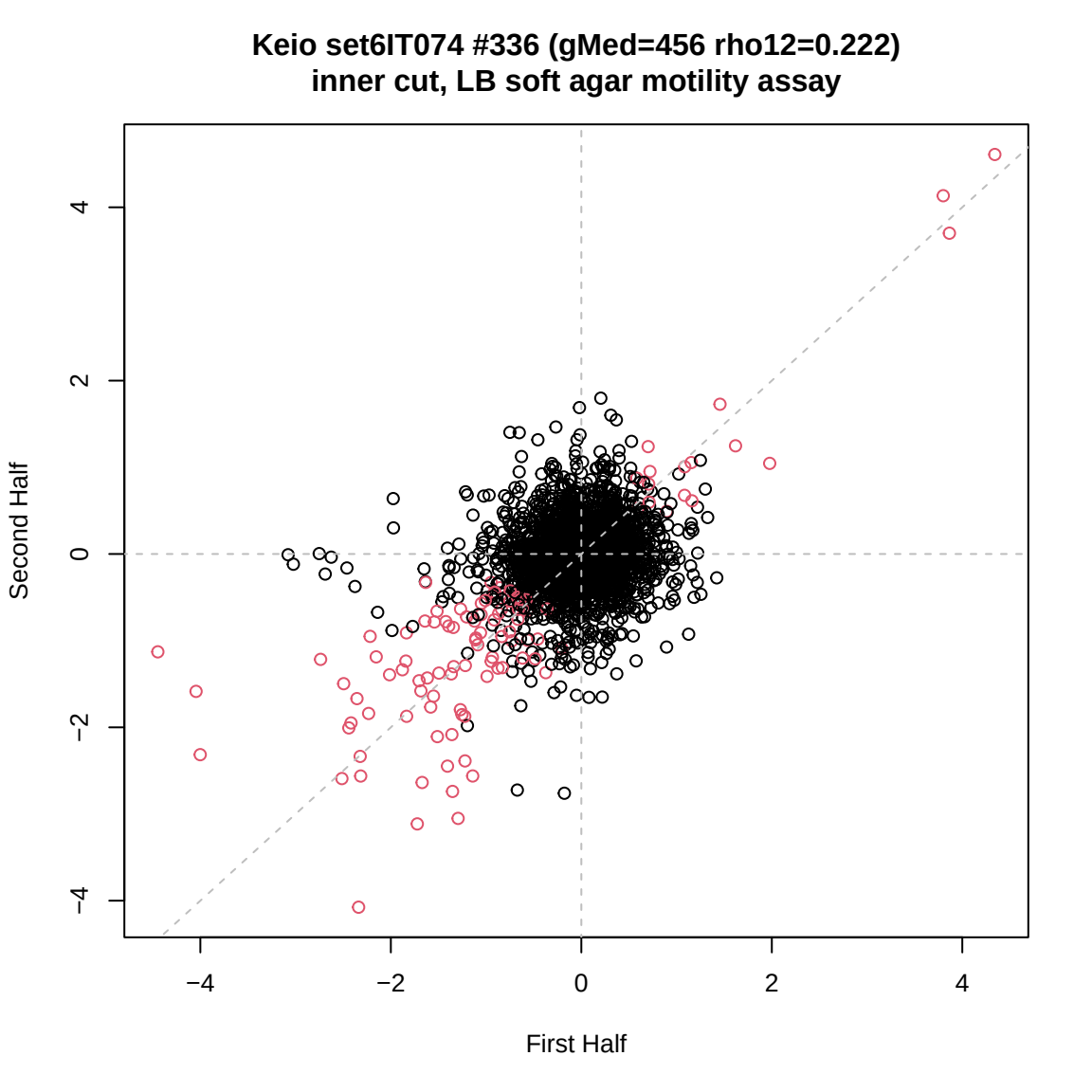

Keio set6IT069 #331 (gMed=135 rho12=0.331)
outer cut, LB soft agar motility assay
Second Half
First Half
5
0
−5
−5
0
5

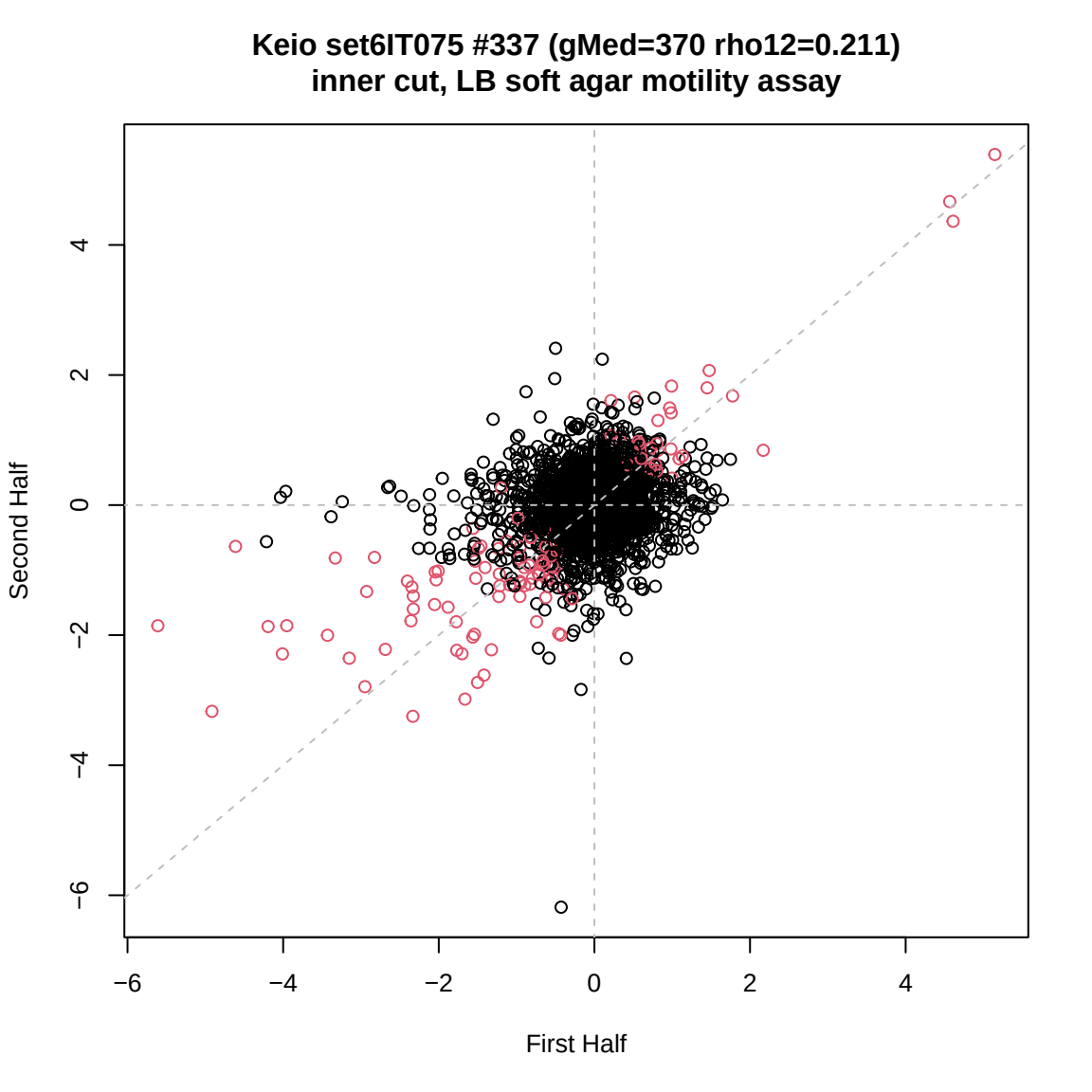

Keio set6IT070 #332 (gMed=219 rho12=0.235)
outer cut, LB soft agar motility assay
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6
8

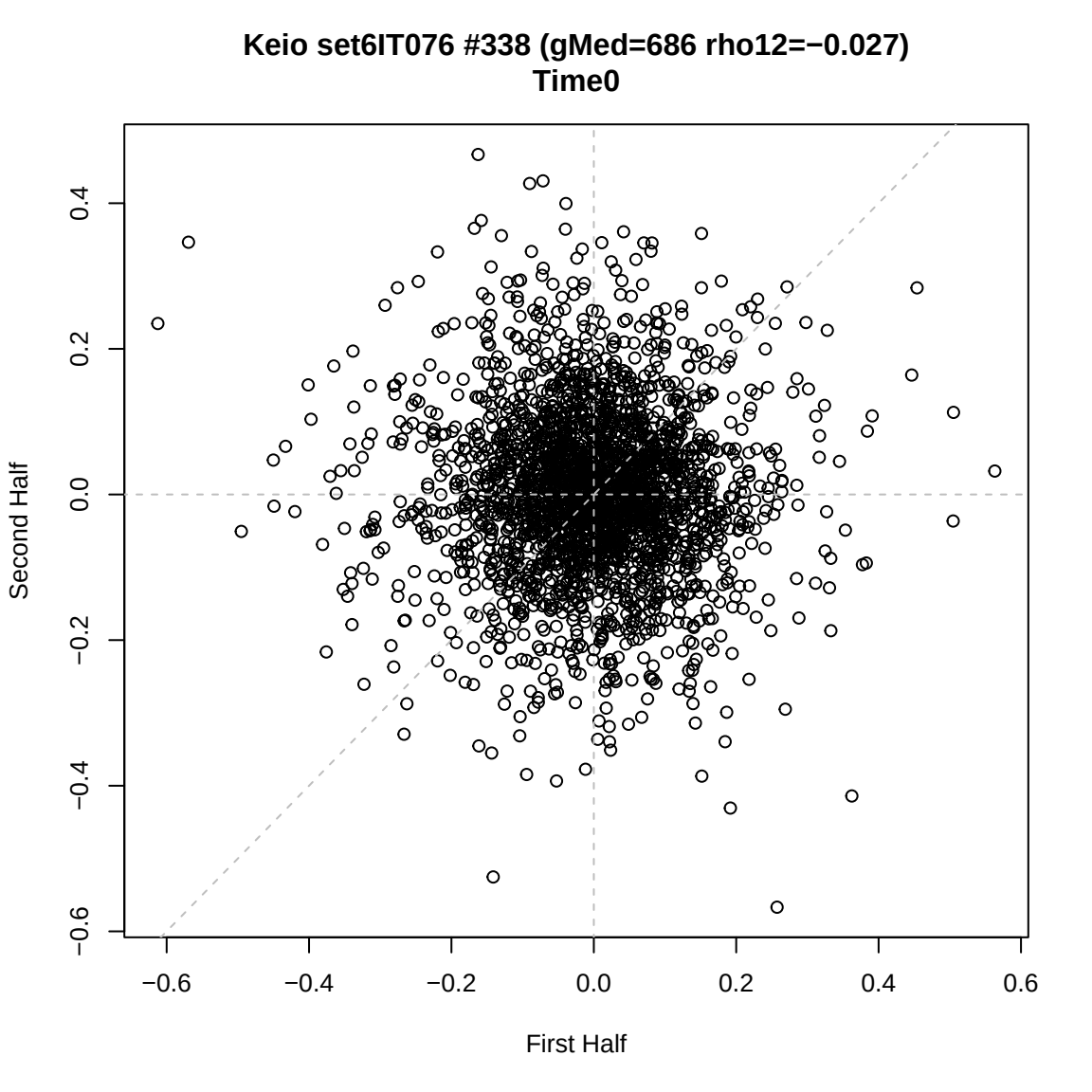

Keio set6IT071 #333 (gMed=219 rho12=0.210)
outer cut, LB soft agar motility assay
Second Half
First Half
5
0
−5
−5
0
5

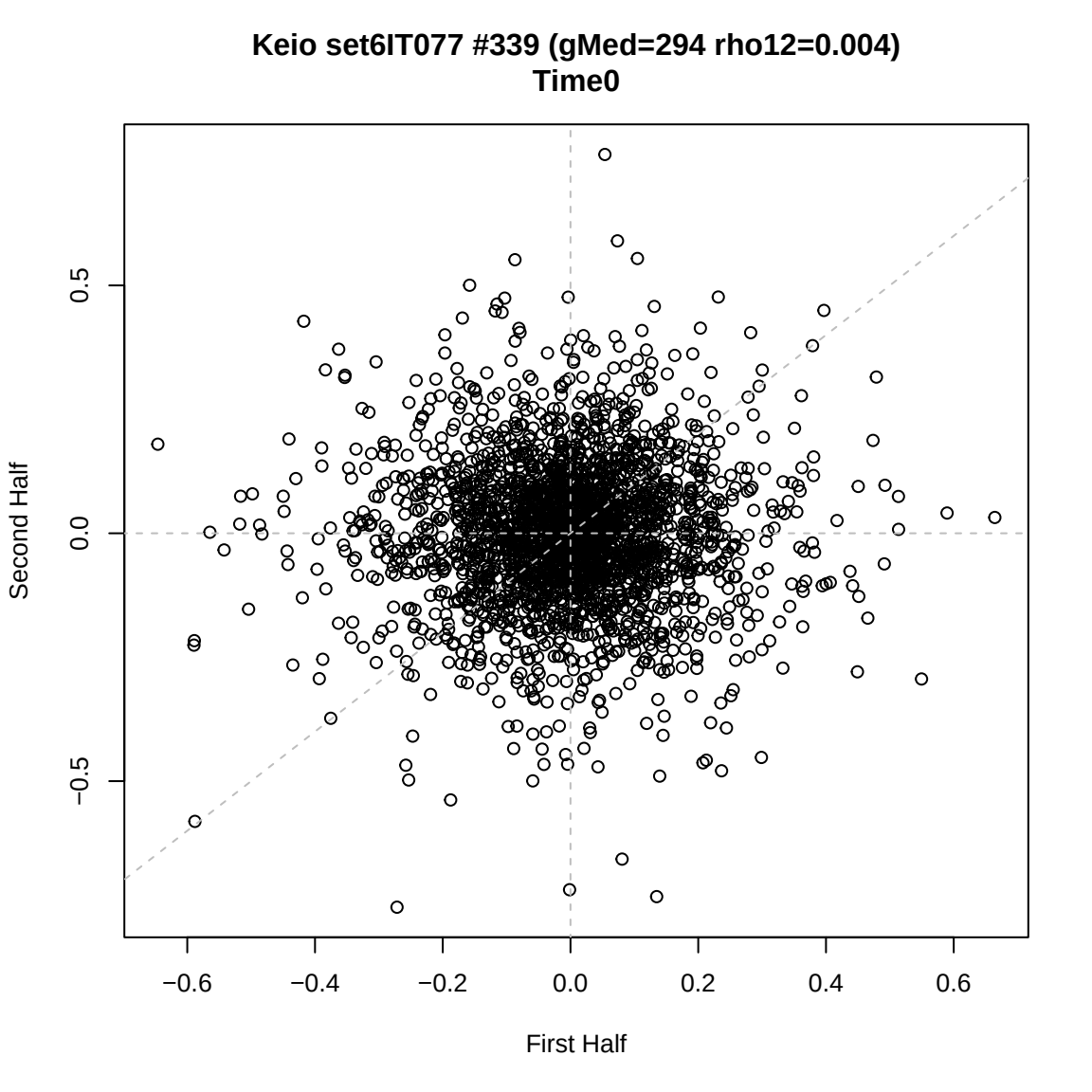

Keio set6IT072 #334 (gMed=299 rho12=0.243)
inner cut, LB soft agar motility assay
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

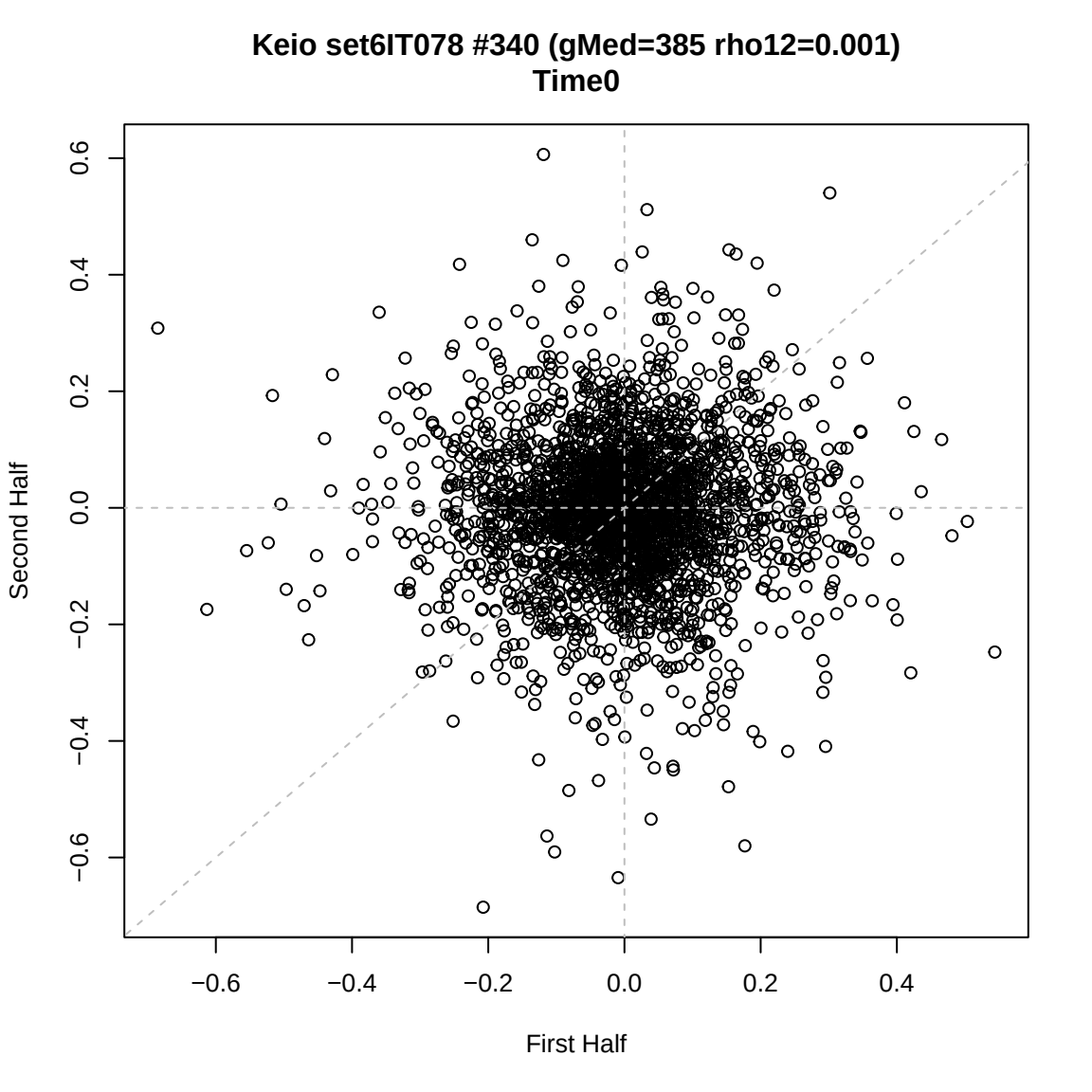

Keio set6IT073 #335 (gMed=533 rho12=0.283)
inner cut, LB soft agar motility assay
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

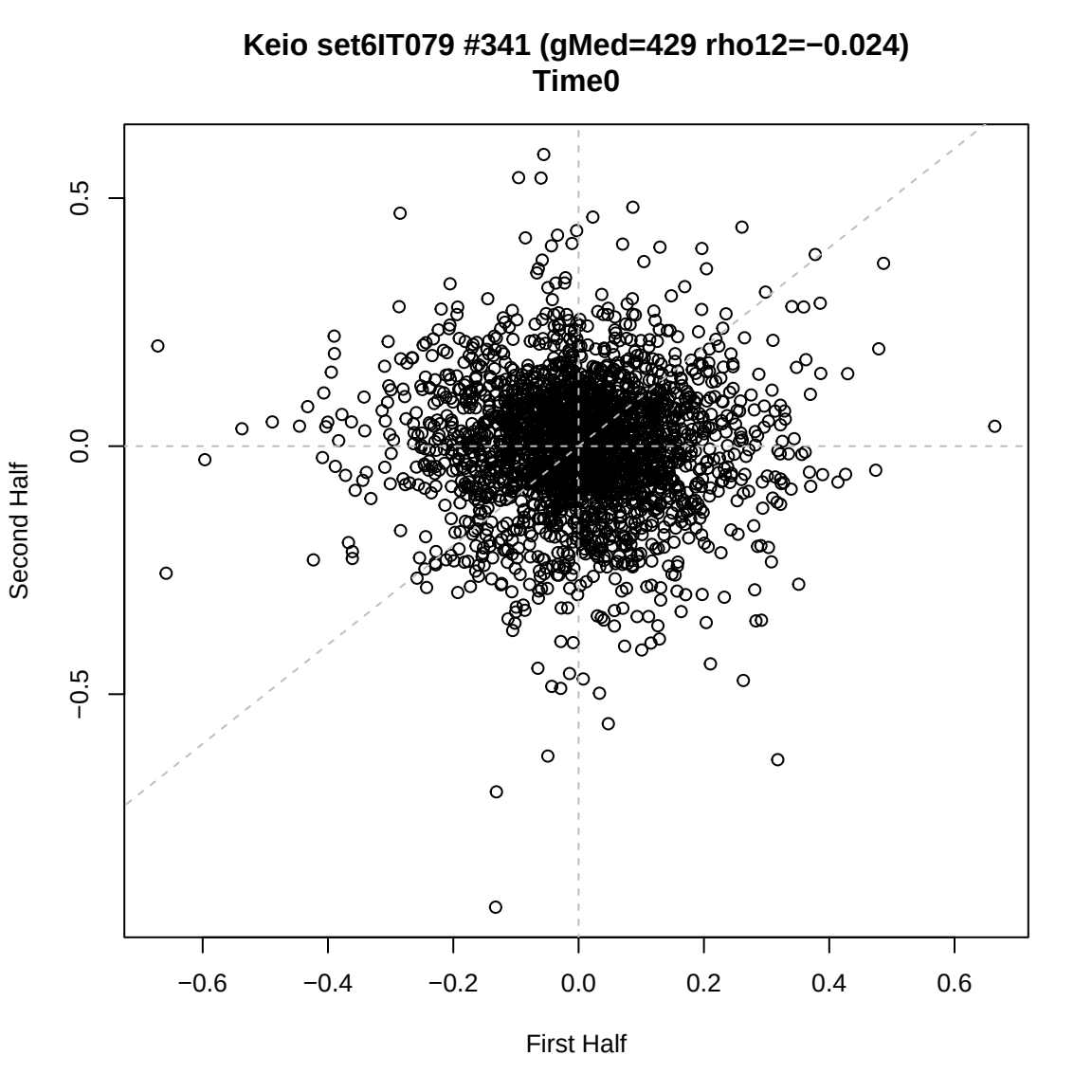

Keio set6IT074 #336 (gMed=456 rho12=0.222)
inner cut, LB soft agar motility assay
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

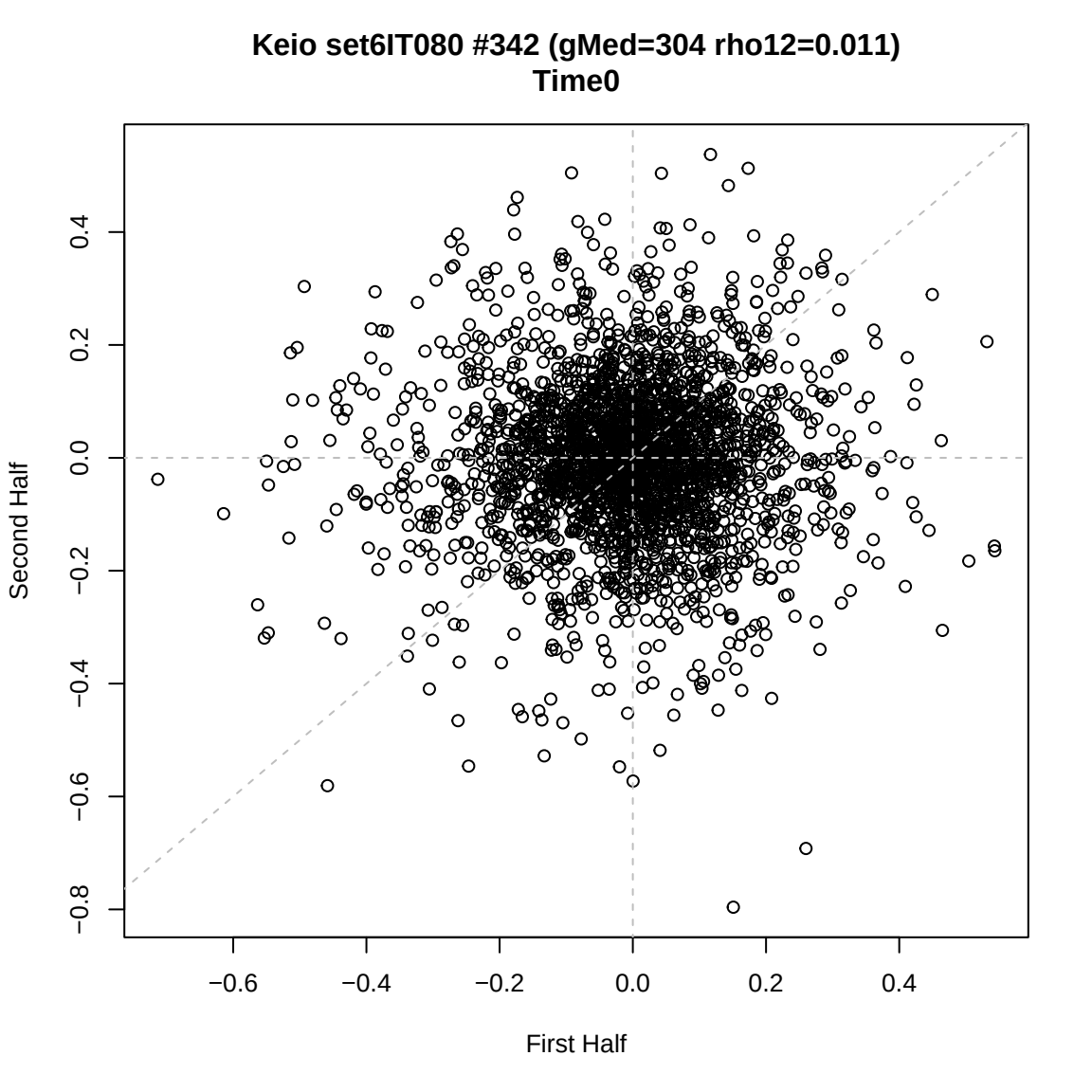

Keio set6IT075 #337 (gMed=370 rho12=0.211)
inner cut, LB soft agar motility assay
Second Half
First Half
−6
−4
−2
0
2
4

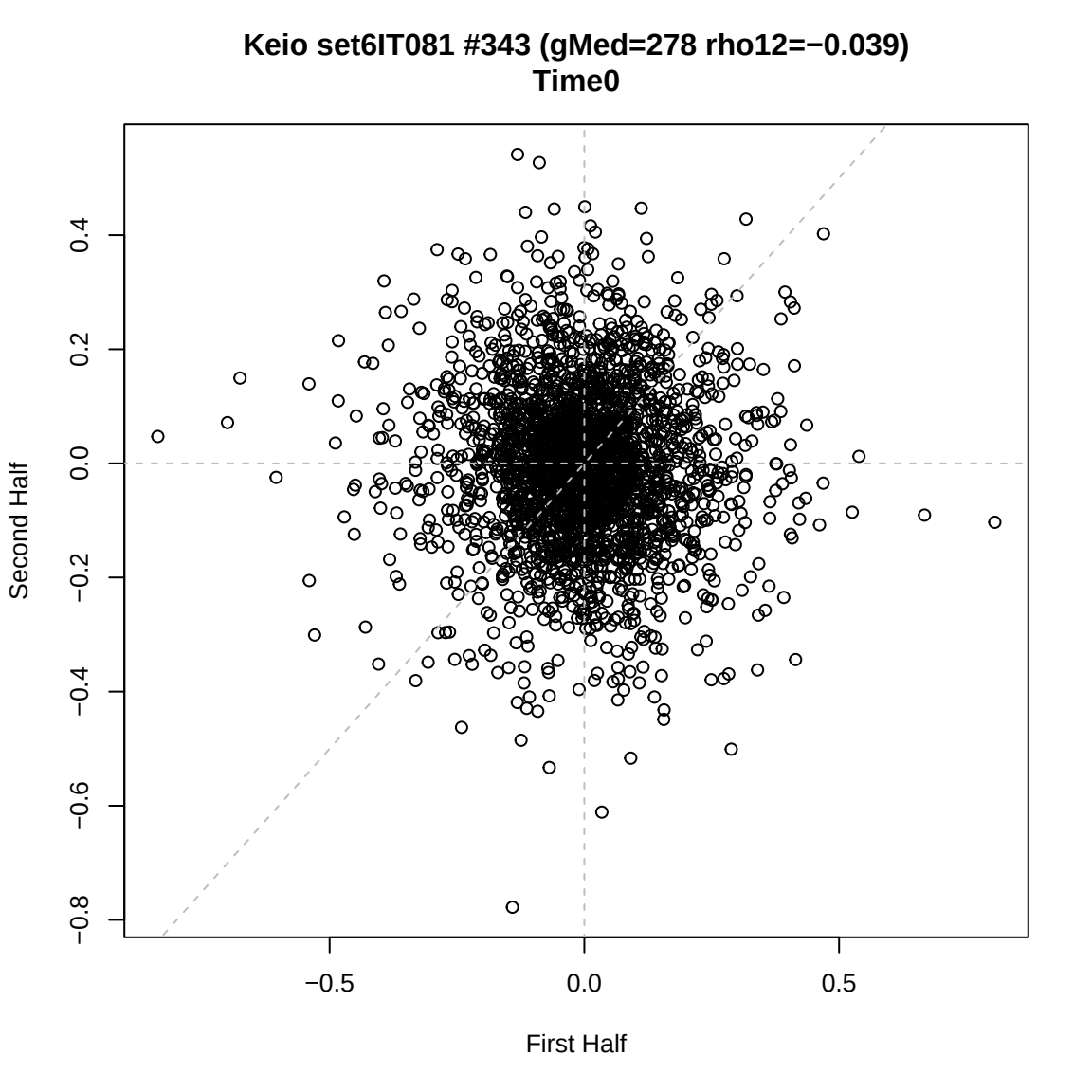

Keio set6IT076 #338 (gMed=686 rho12=−0.027)
Time0
Second Half
First Half
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6

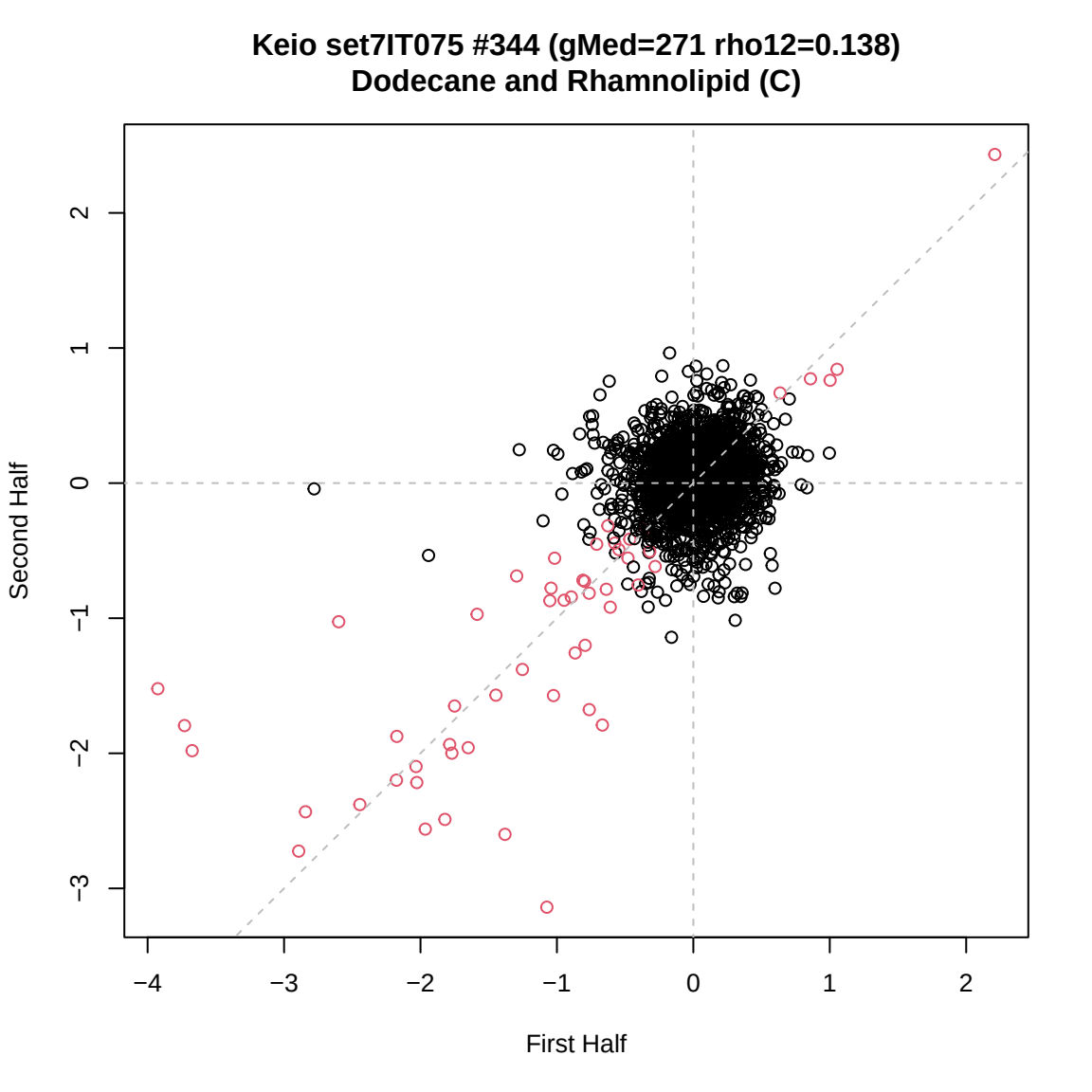

Keio set6IT077 #339 (gMed=294 rho12=0.004)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6

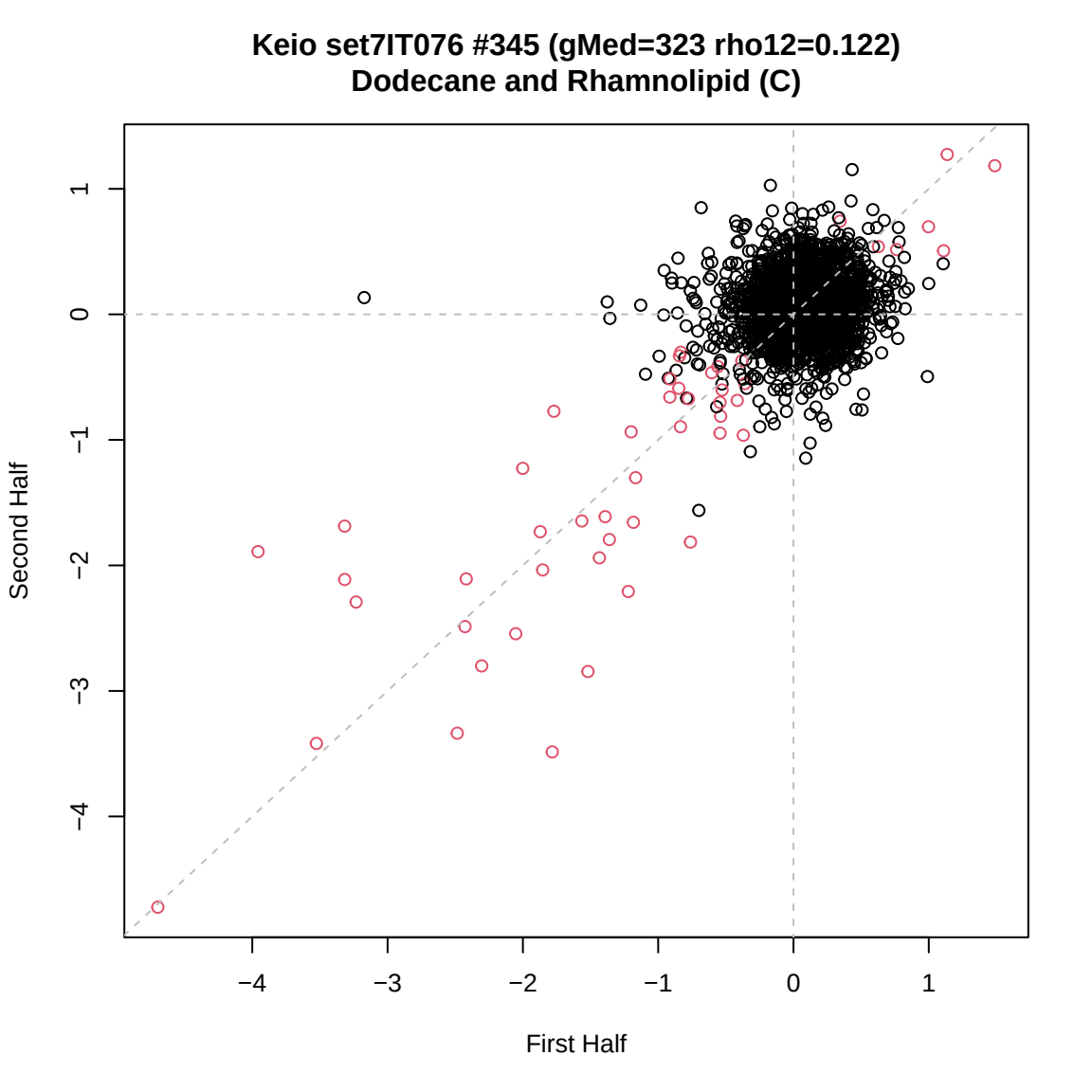

Keio set6IT078 #340 (gMed=385 rho12=0.001)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.6
−0.4
−0.2
0.0
0.2
0.4

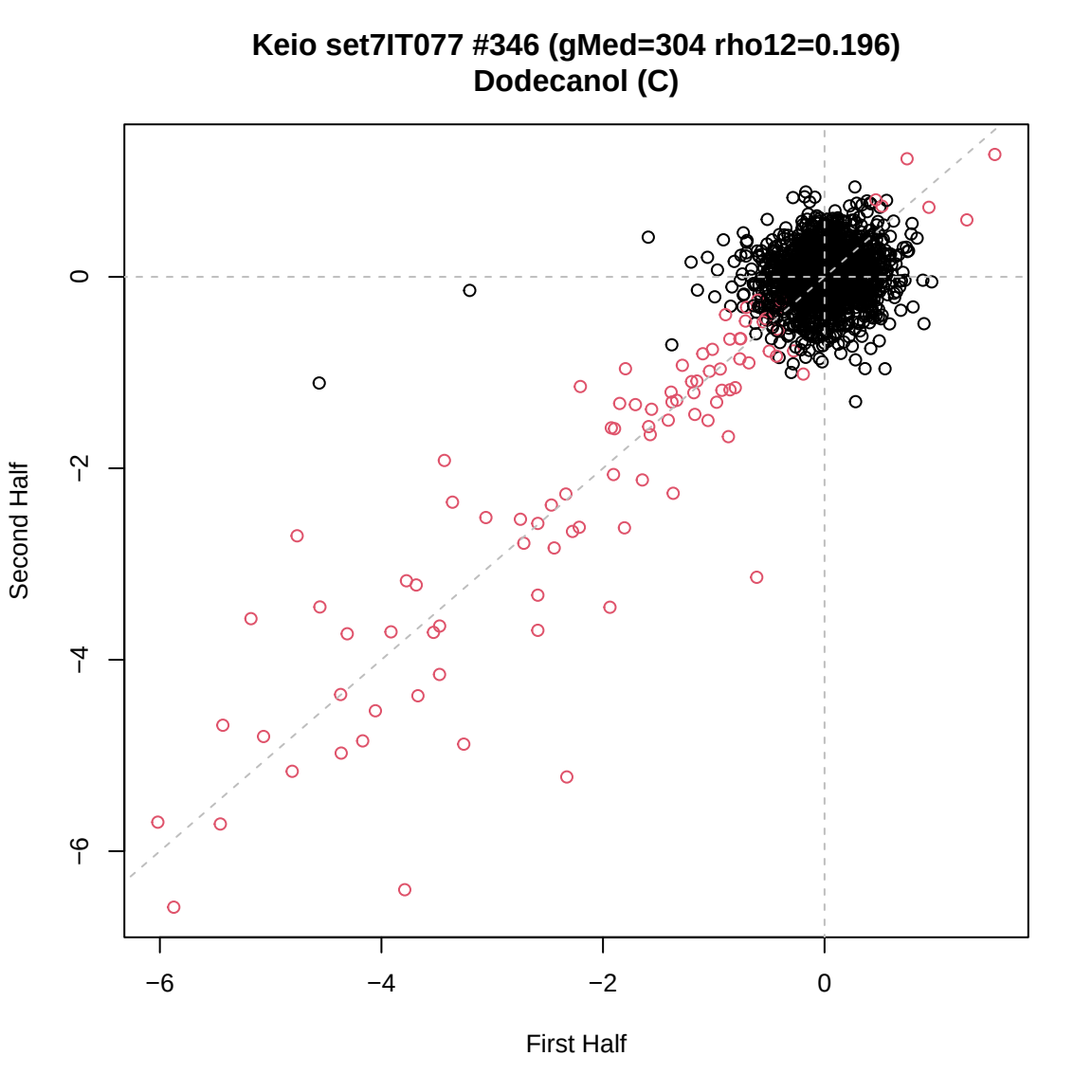

Keio set6IT079 #341 (gMed=429 rho12=−0.024)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6

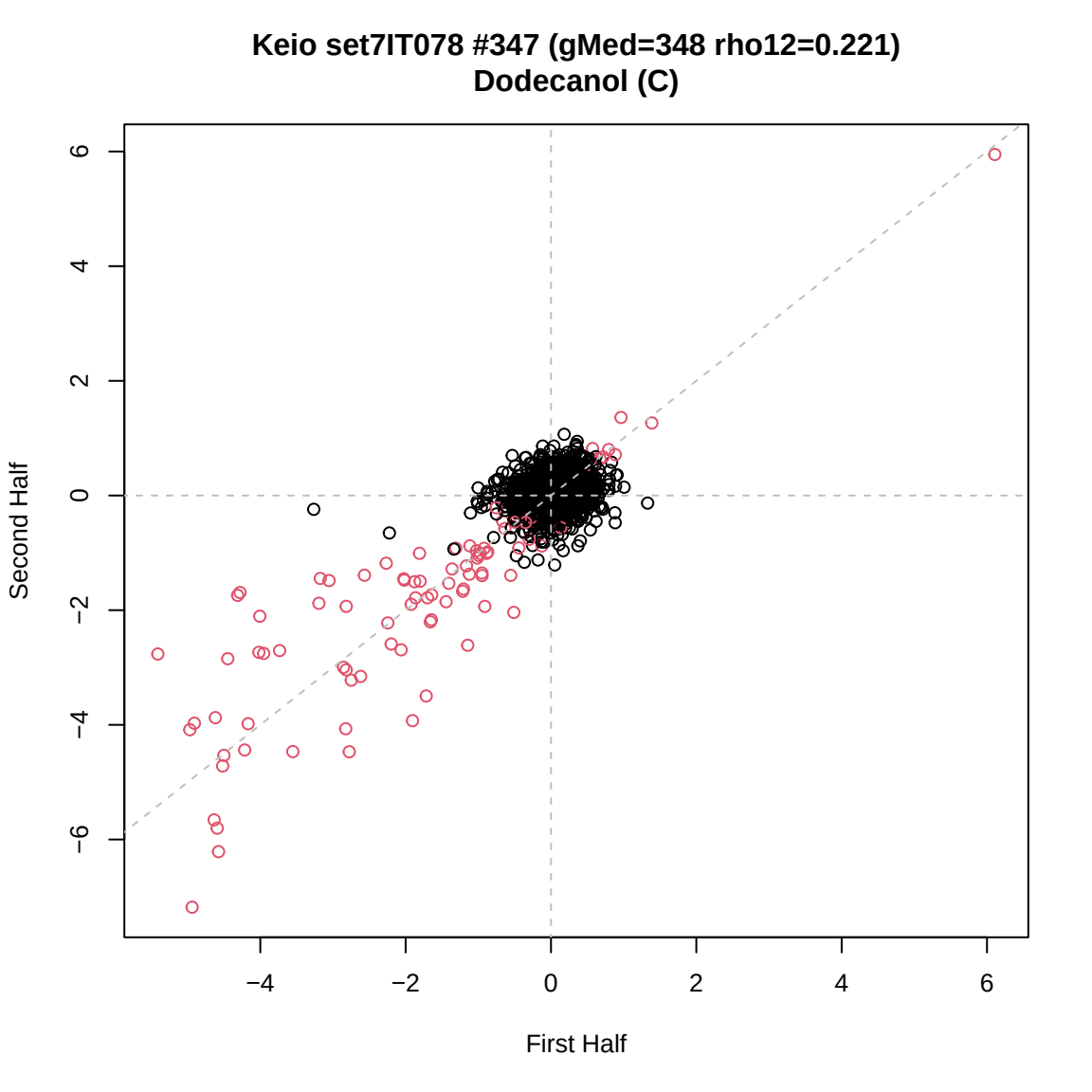

Keio set6lT080 #342 (gMed=304 rho12=0.011)
Time0
Second Half
First Half
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4

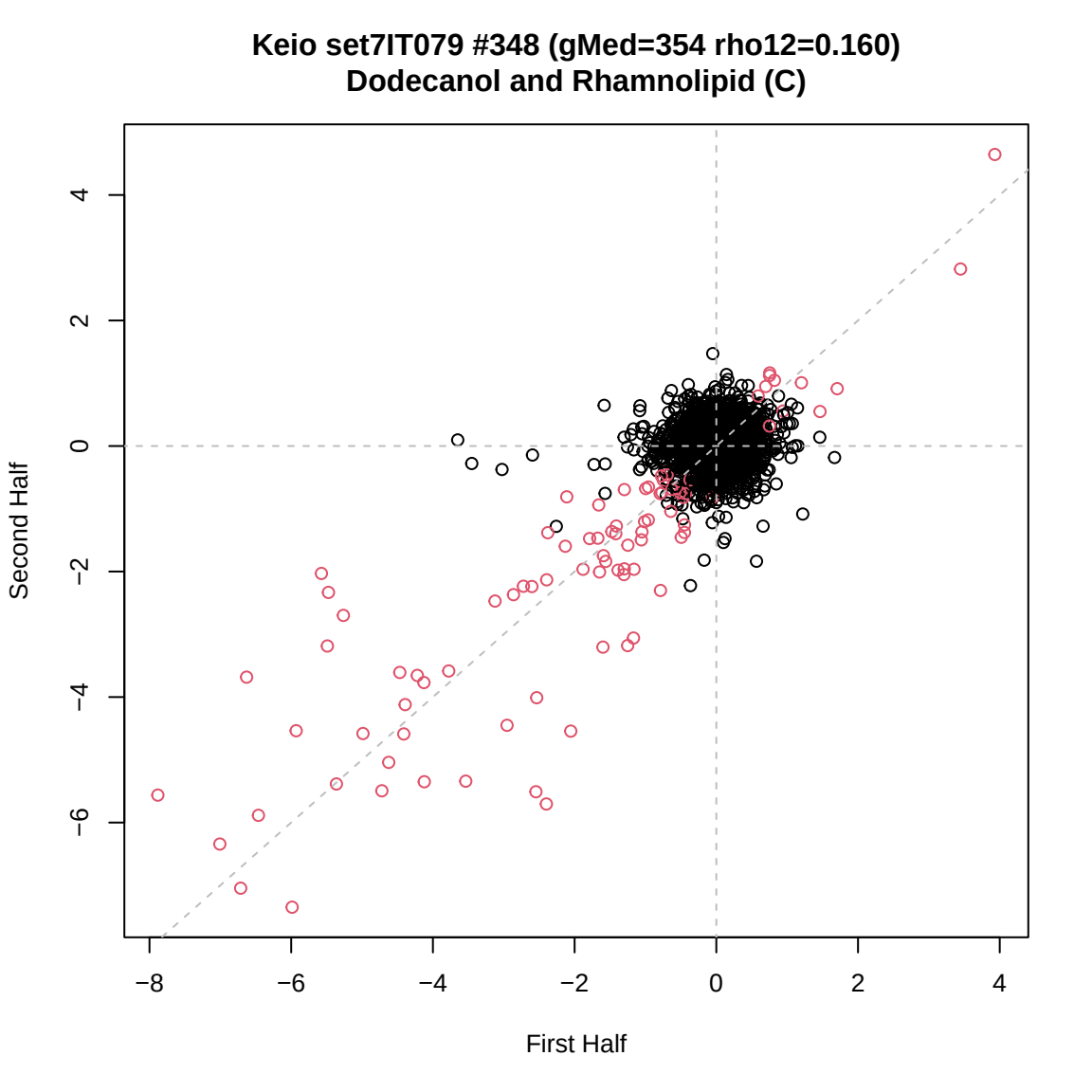

Keio set6IT081 #343 (gMed=278 rho12=−0.039)
Time0
Second Half
First Half
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.5
0.0
0.5

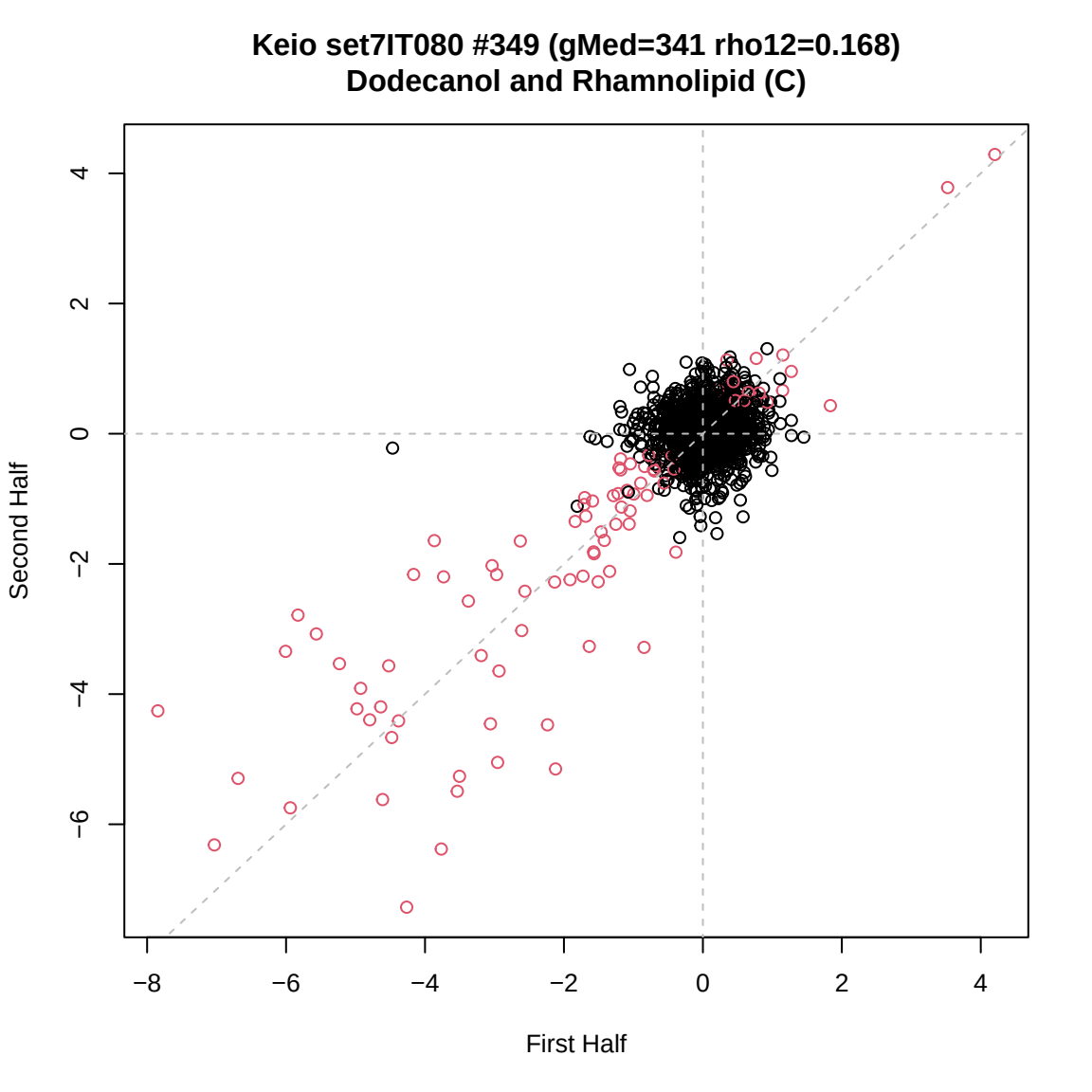

Keio set7IT075 #344 (gMed=271 rho12=0.138)
Dodecane and Rhamnolipid (C)
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

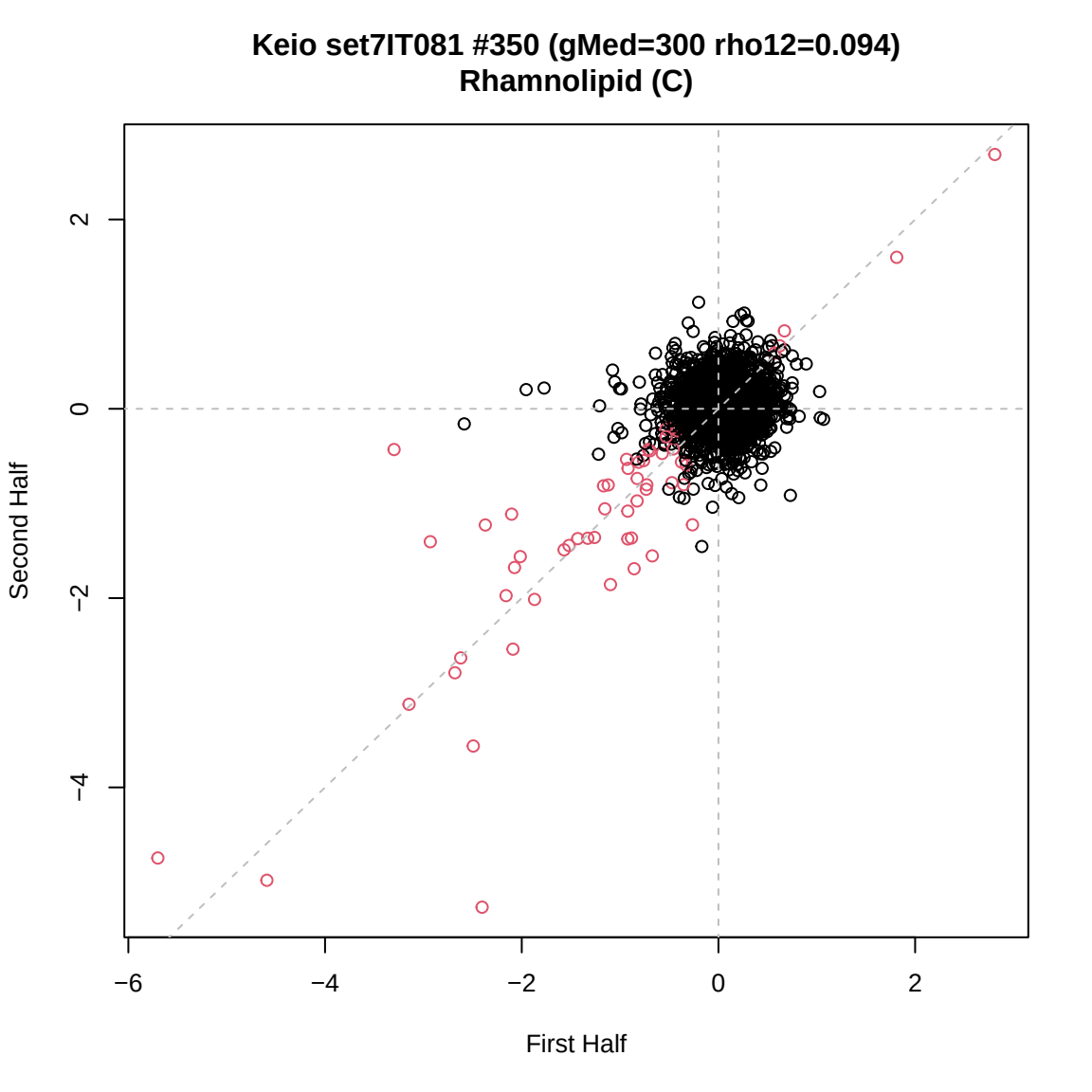

Keio set7IT076 #345 (gMed=323 rho12=0.122)
Dodecane and Rhamnolipid (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

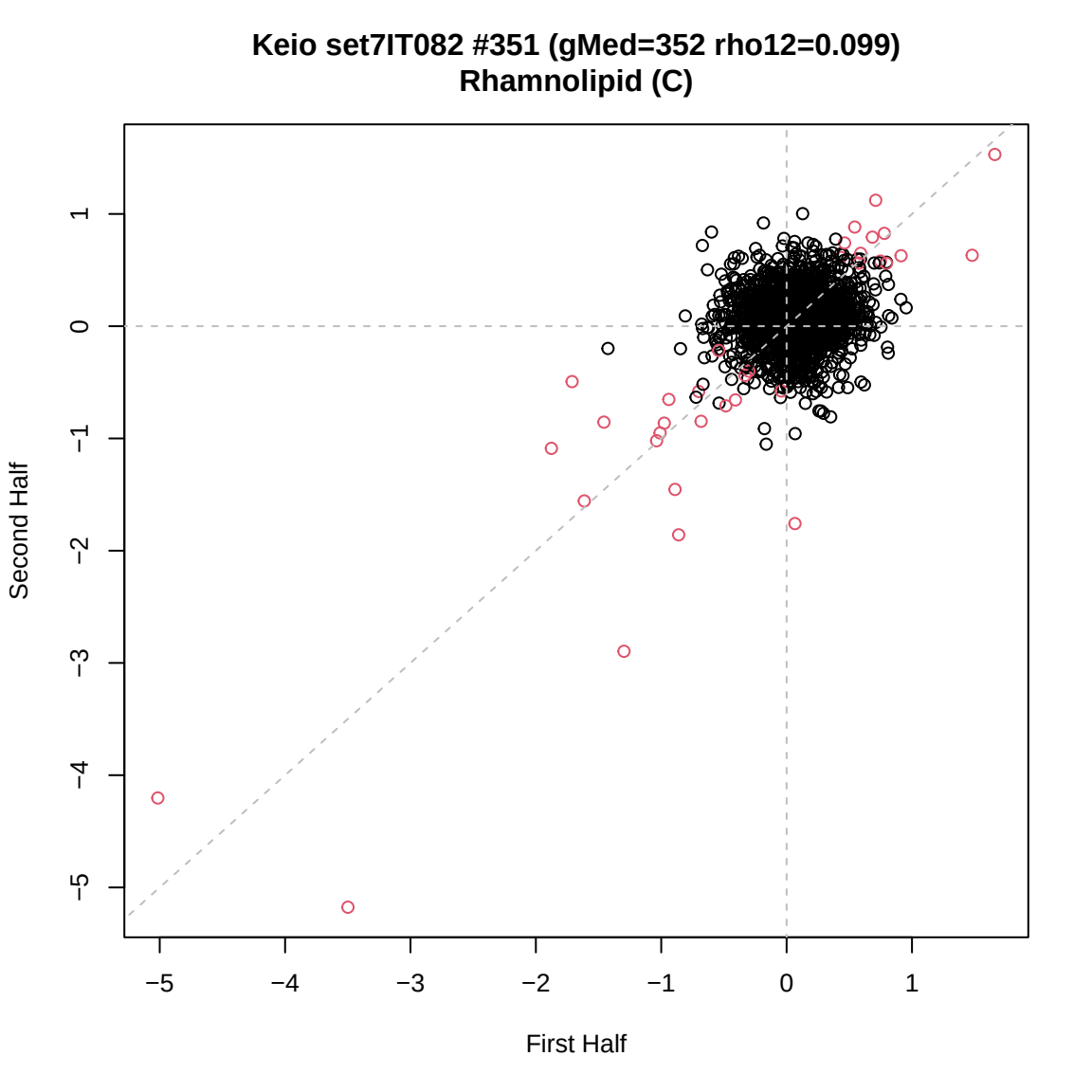

Keio set7IT077 #346 (gMed=304 rho12=0.196)
Dodecanol (C)
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

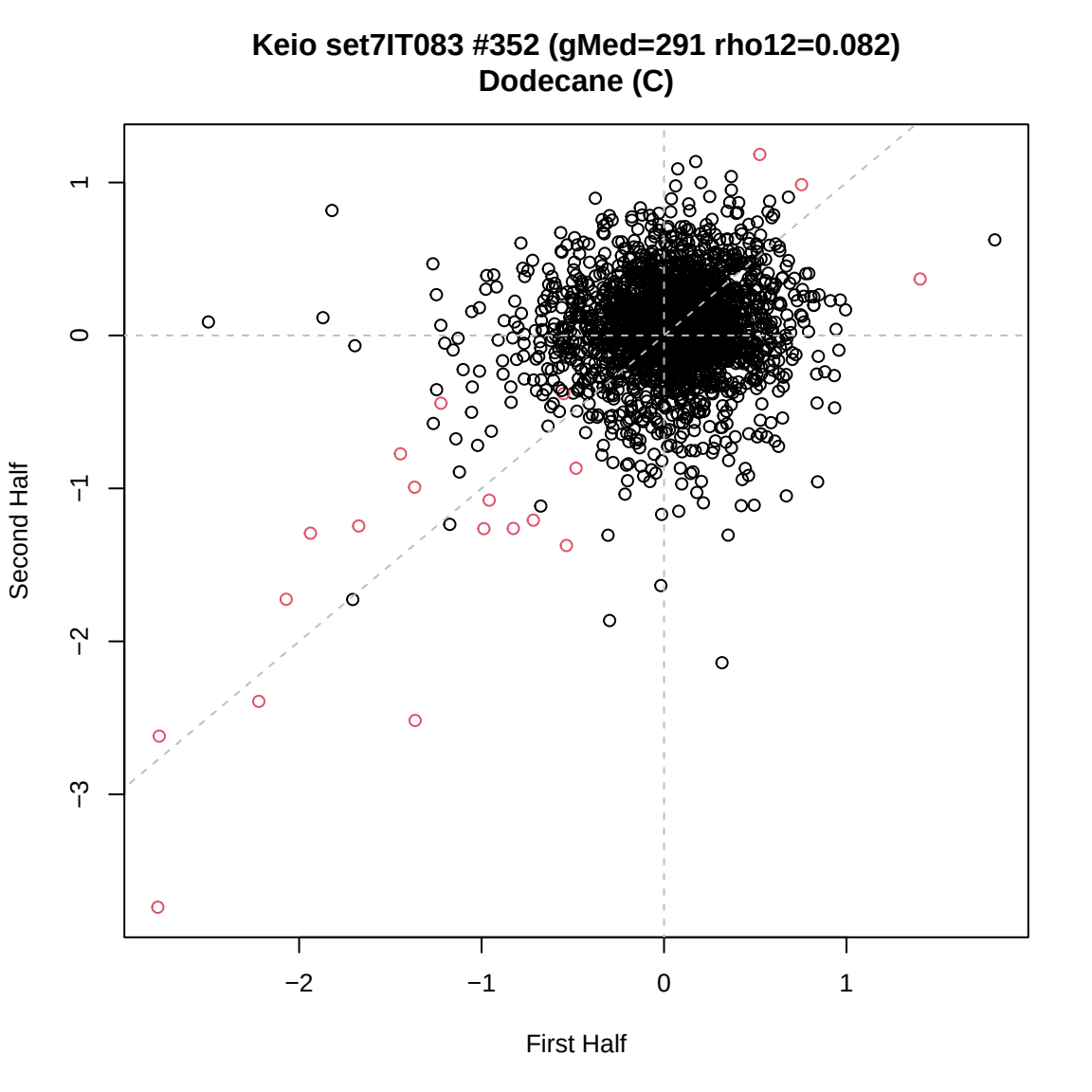

Keio set7IT078 #347 (gMed=348 rho12=0.221)
Dodecanol (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

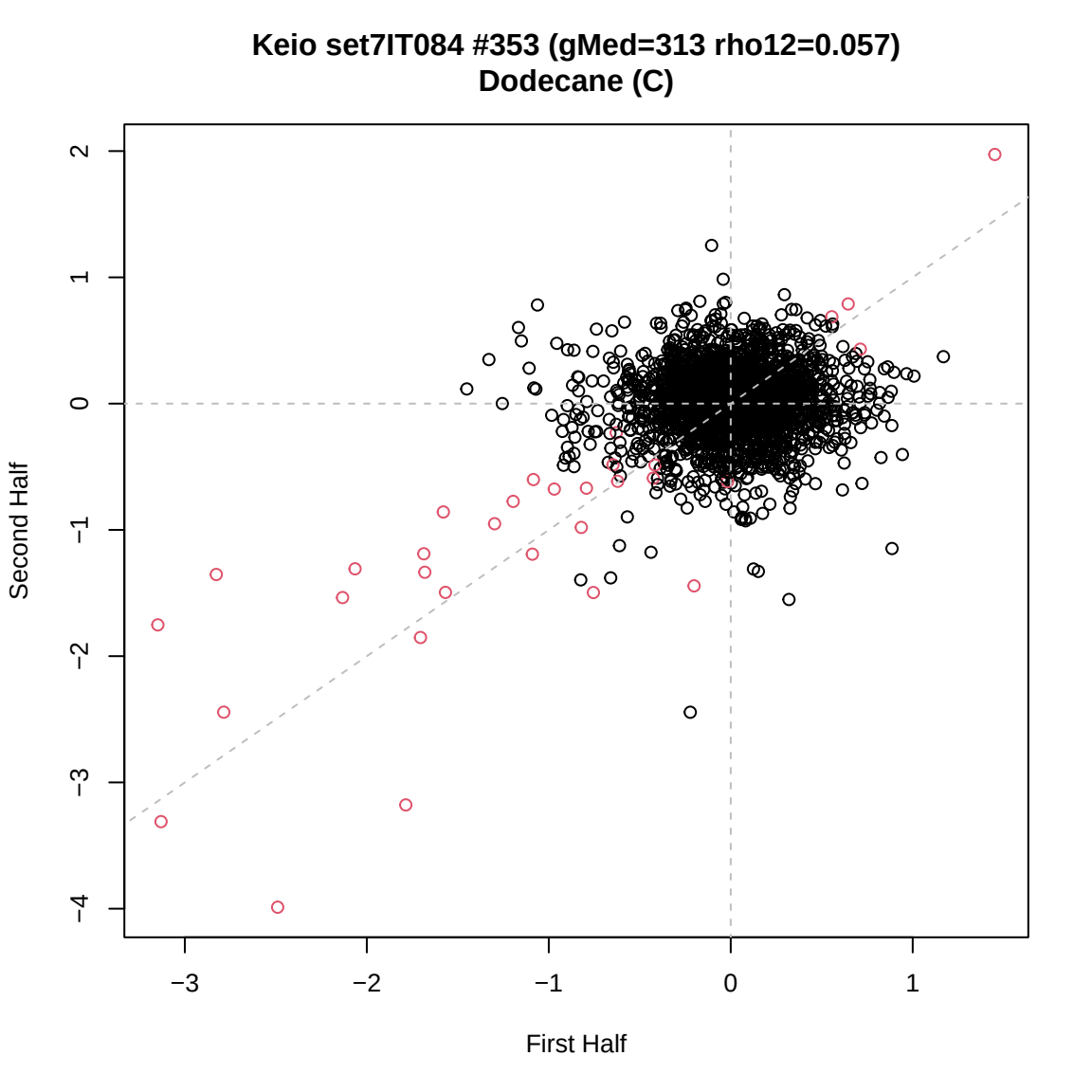

Keio set7IT079 #348 (gMed=354 rho12=0.160)
Dodecanol and Rhamnolipid (C)
Second Half
First Half
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4

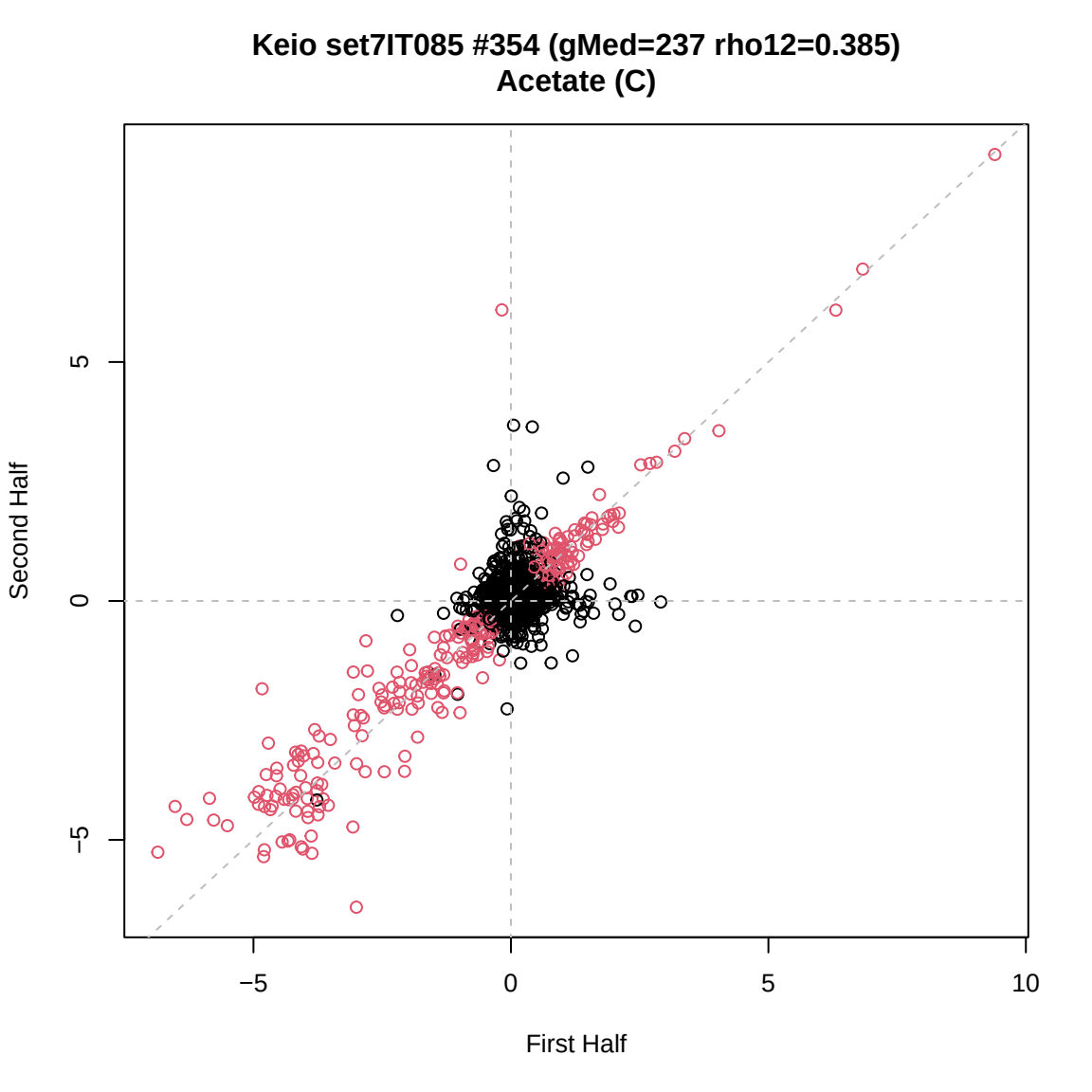

Keio set7IT080 #349 (gMed=341 rho12=0.168)
Dodecanol and Rhamnolipid (C)
Second Half
First Half
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4

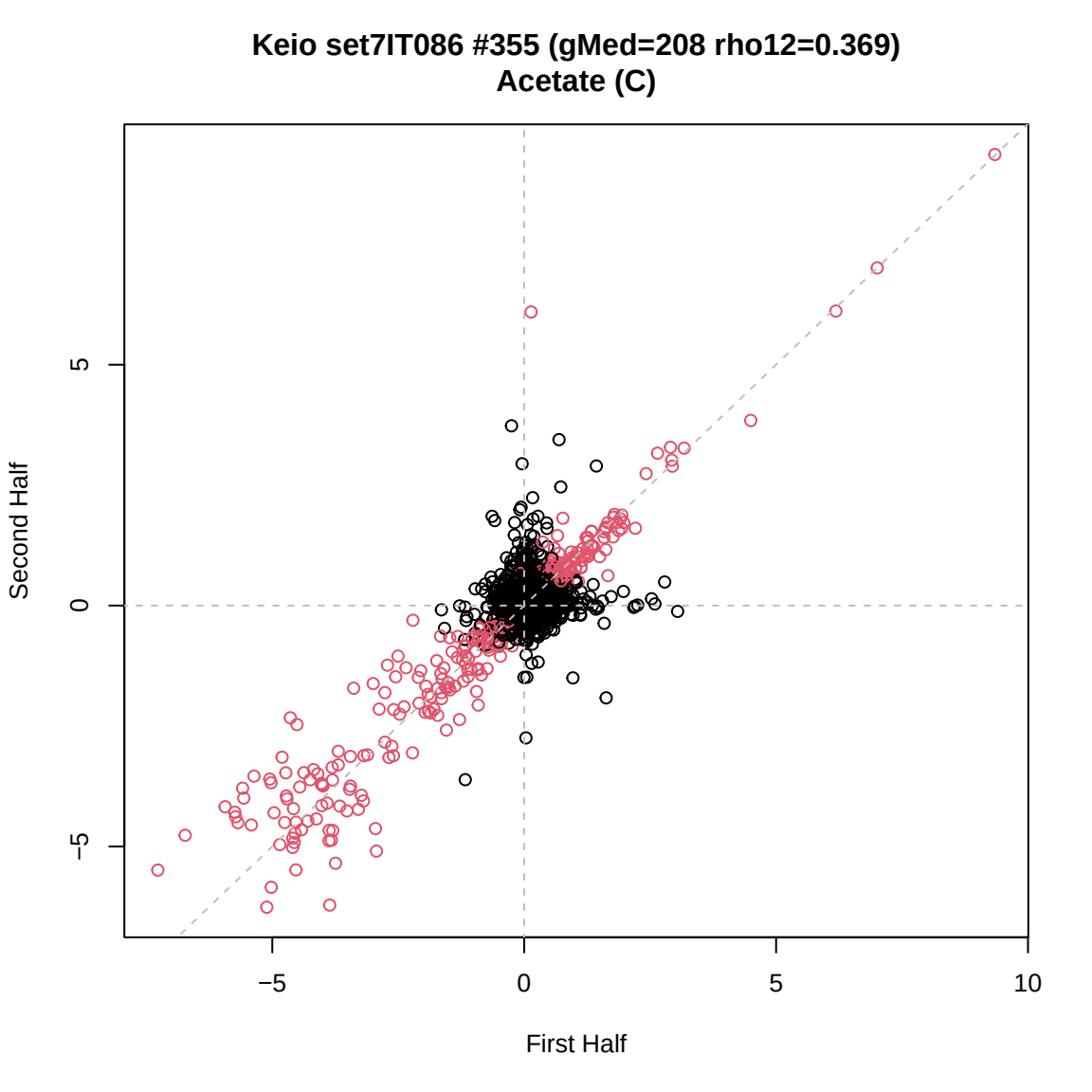

Keio set7IT081 #350 (gMed=300 rho12=0.094)
Rhamnolipid (C)
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

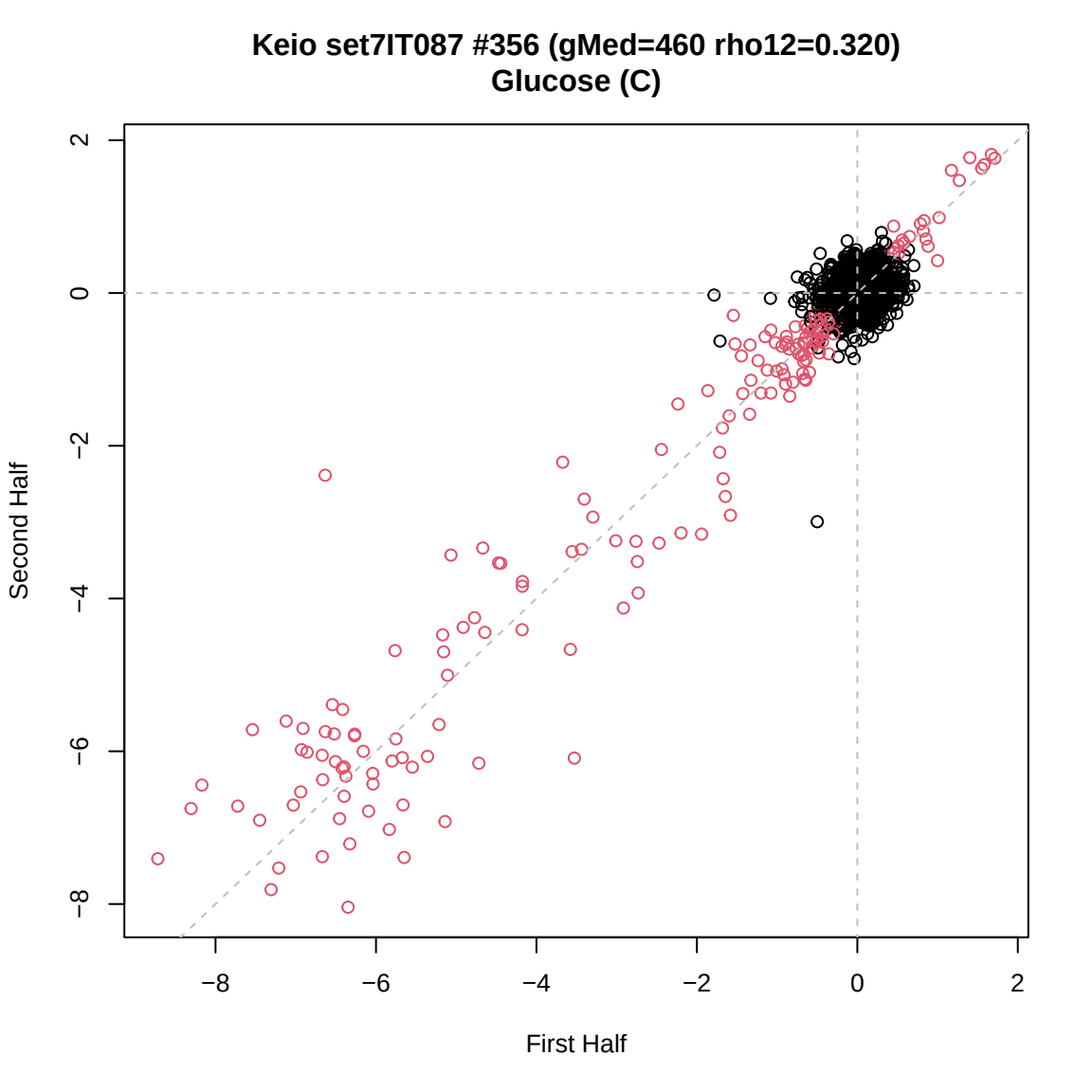

Keio set7IT082 #351 (gMed=352 rho12=0.099)
Rhamnolipid (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

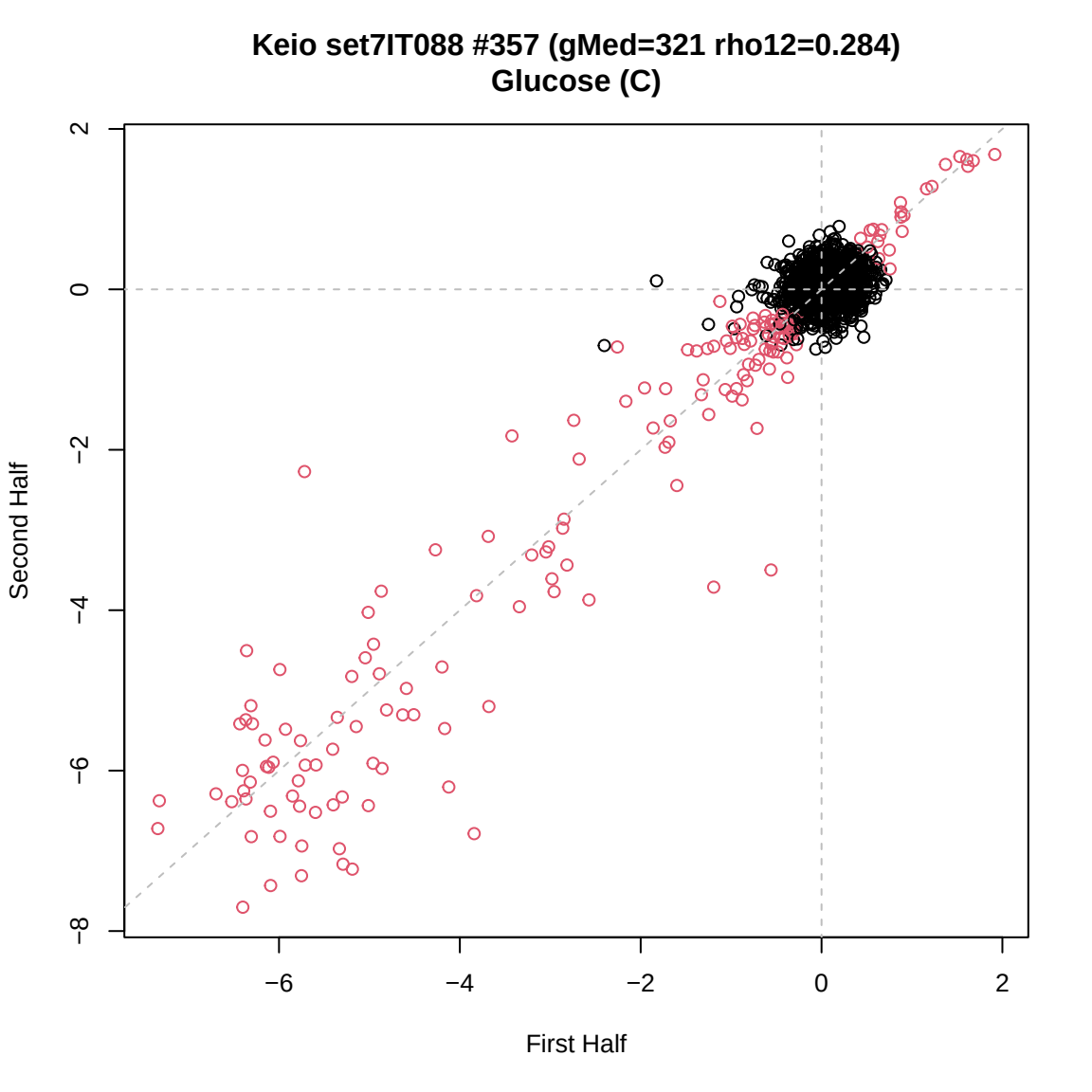

Keio set7IT083 #352 (gMed=291 rho12=0.082)
Dodecane (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

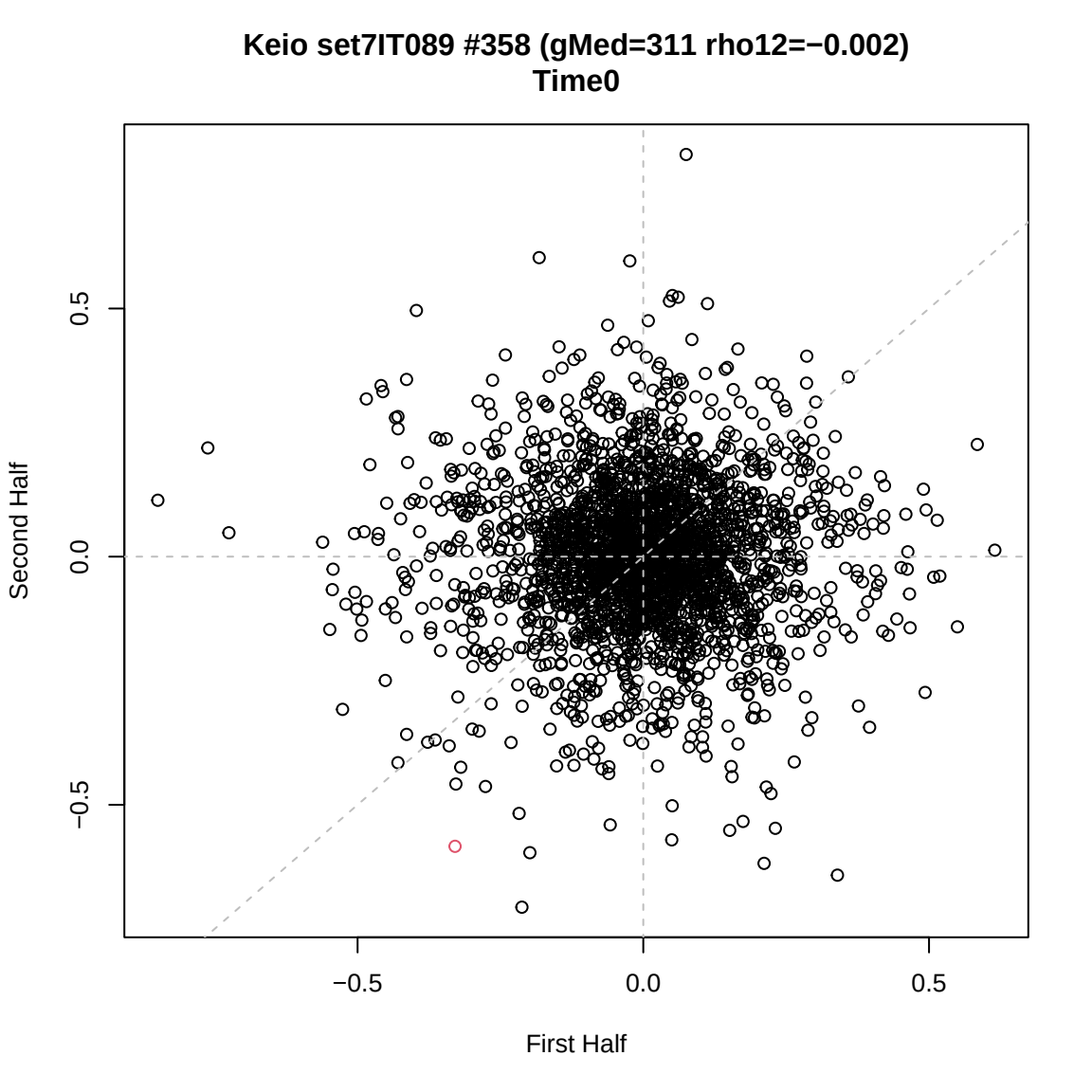

Keio set7IT084 #353 (gMed=313 rho12=0.057)
Dodecane (C)
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

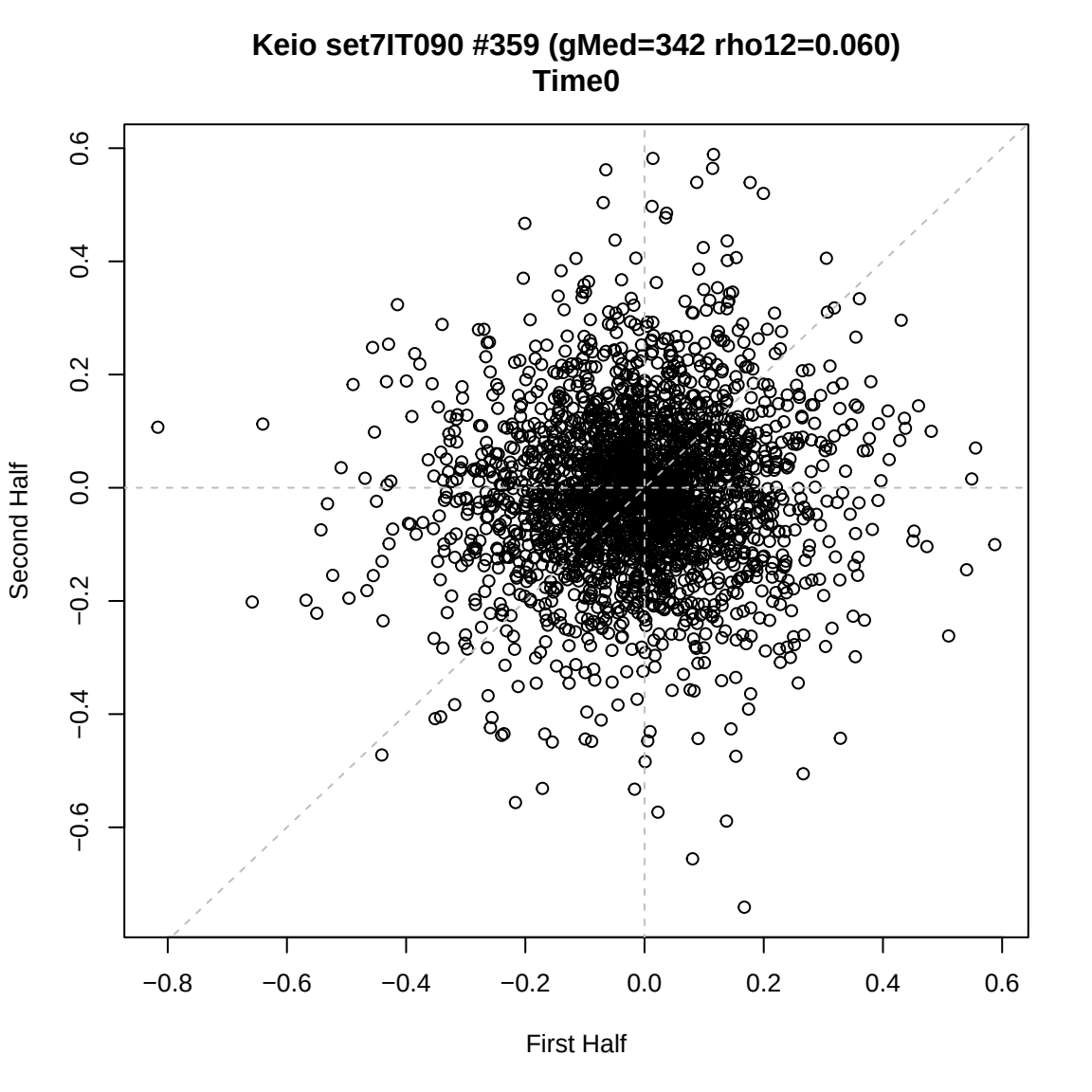

Keio set7IT085 #354 (gMed=237 rho12=0.385)
Acetate (C)
Second Half
First Half
−5
0
5
10
−5
0
5

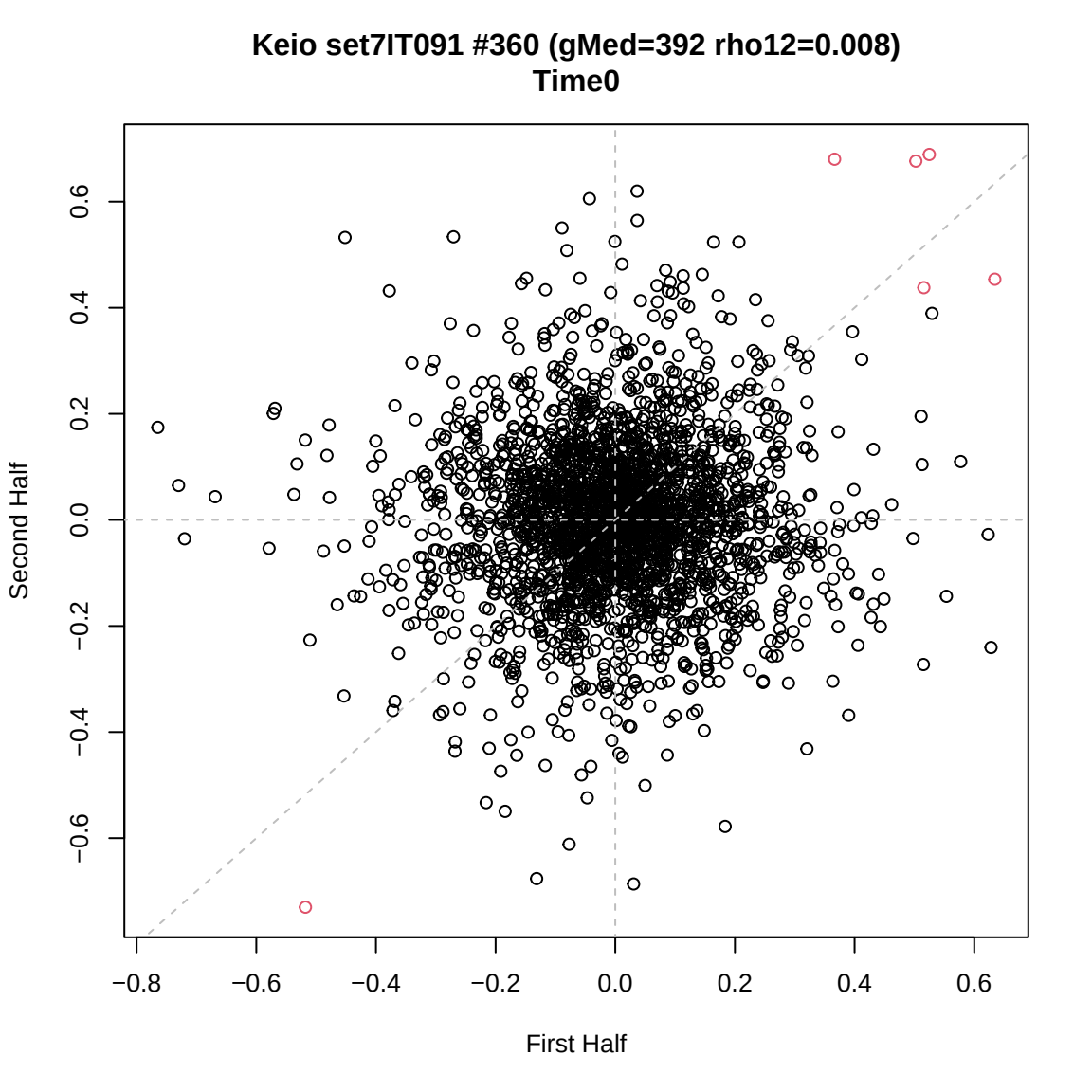

Keio set7IT086 #355 (gMed=208 rho12=0.369)
Acetate (C)
Second Half
First Half
5
0
−5
−5
0
5
10

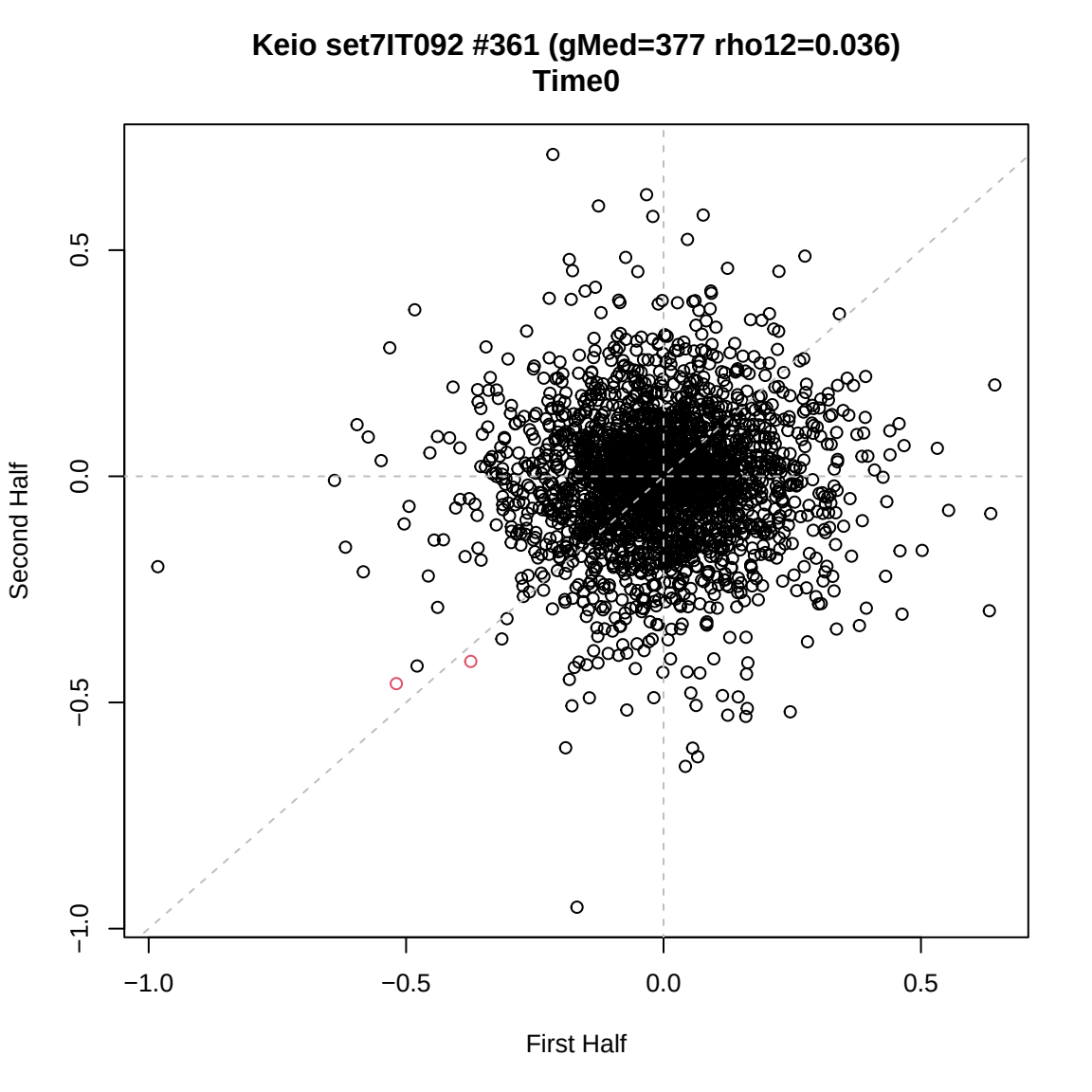

Keio set7IT087 #356 (gMed=460 rho12=0.320)
Glucose (C)
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

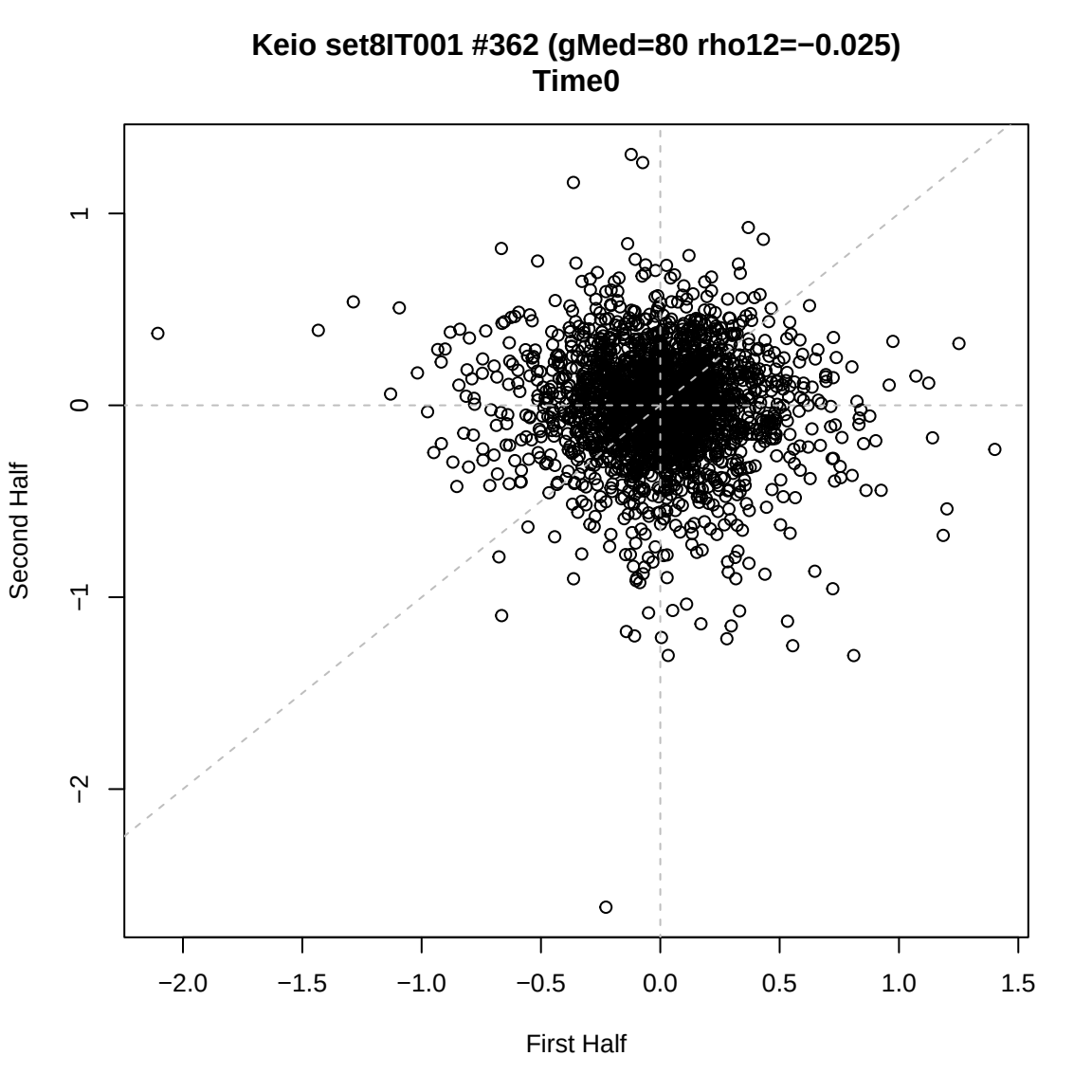

Keio set7IT088 #357 (gMed=321 rho12=0.284)
Glucose (C)
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

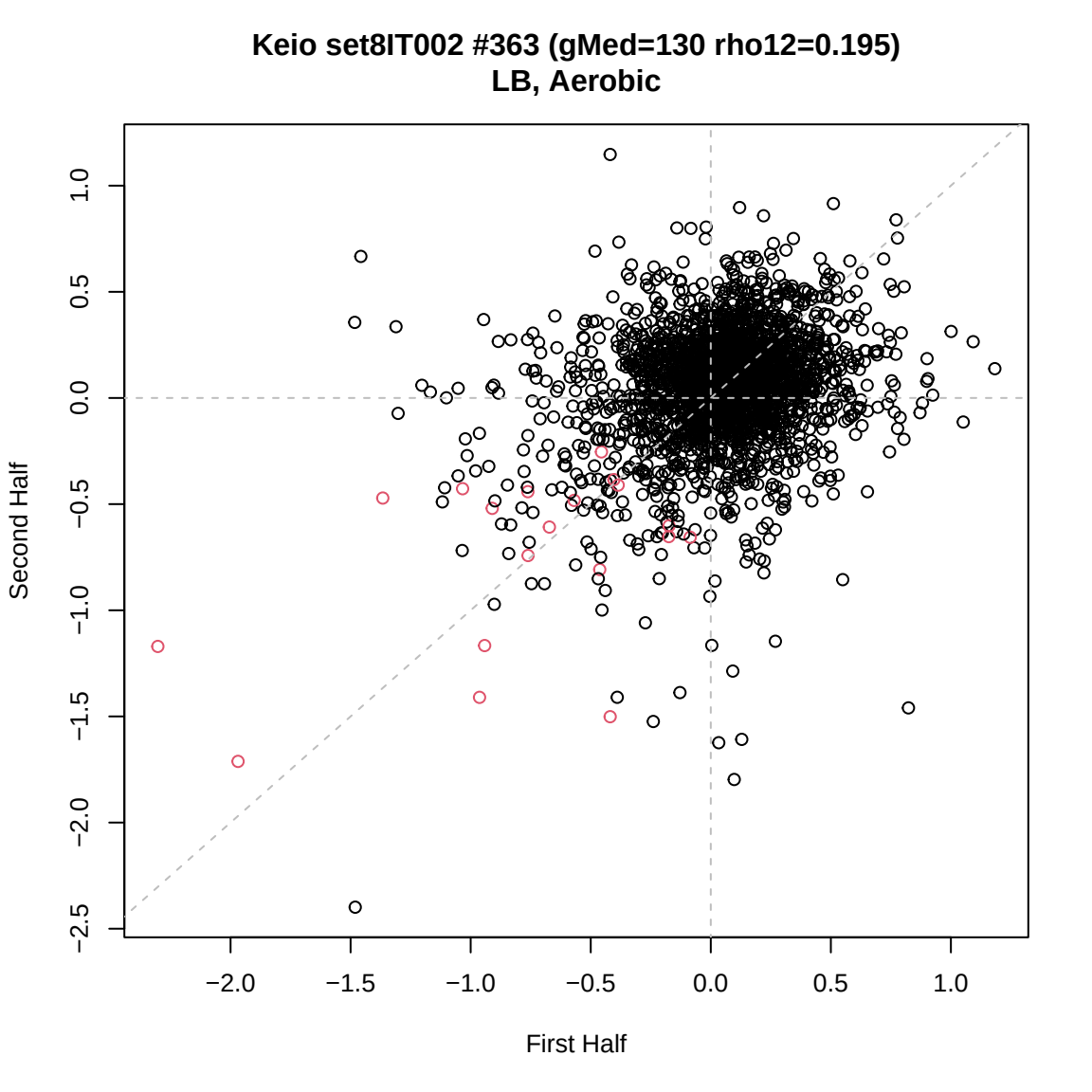

Keio set7IT089 #358 (gMed=311 rho12=−0.002)
Time0
Second Half
First Half
0.5
0.0
−0.5
−0.5
0.0
0.5

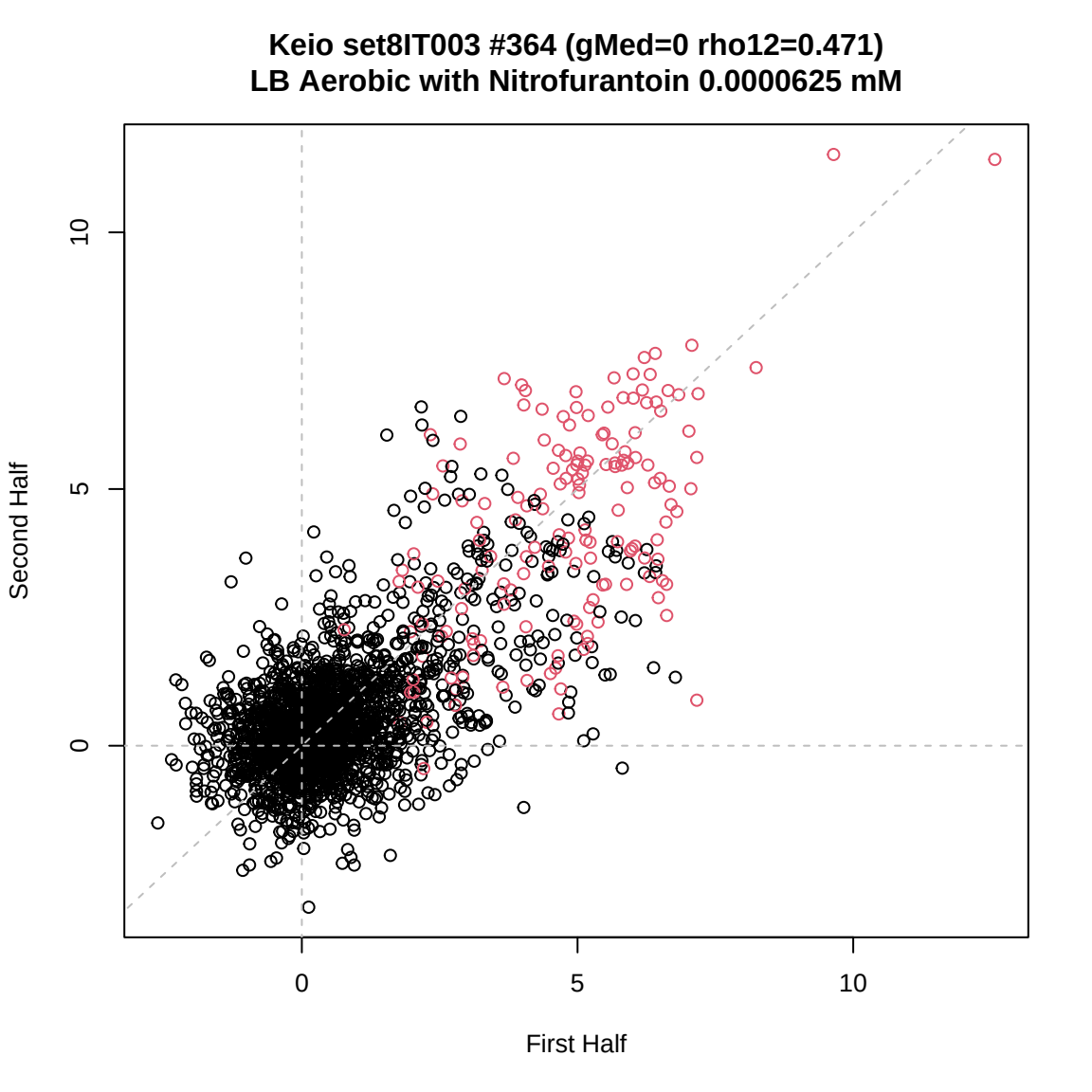

Keio set7IT090 #359 (gMed=342 rho12=0.060)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6

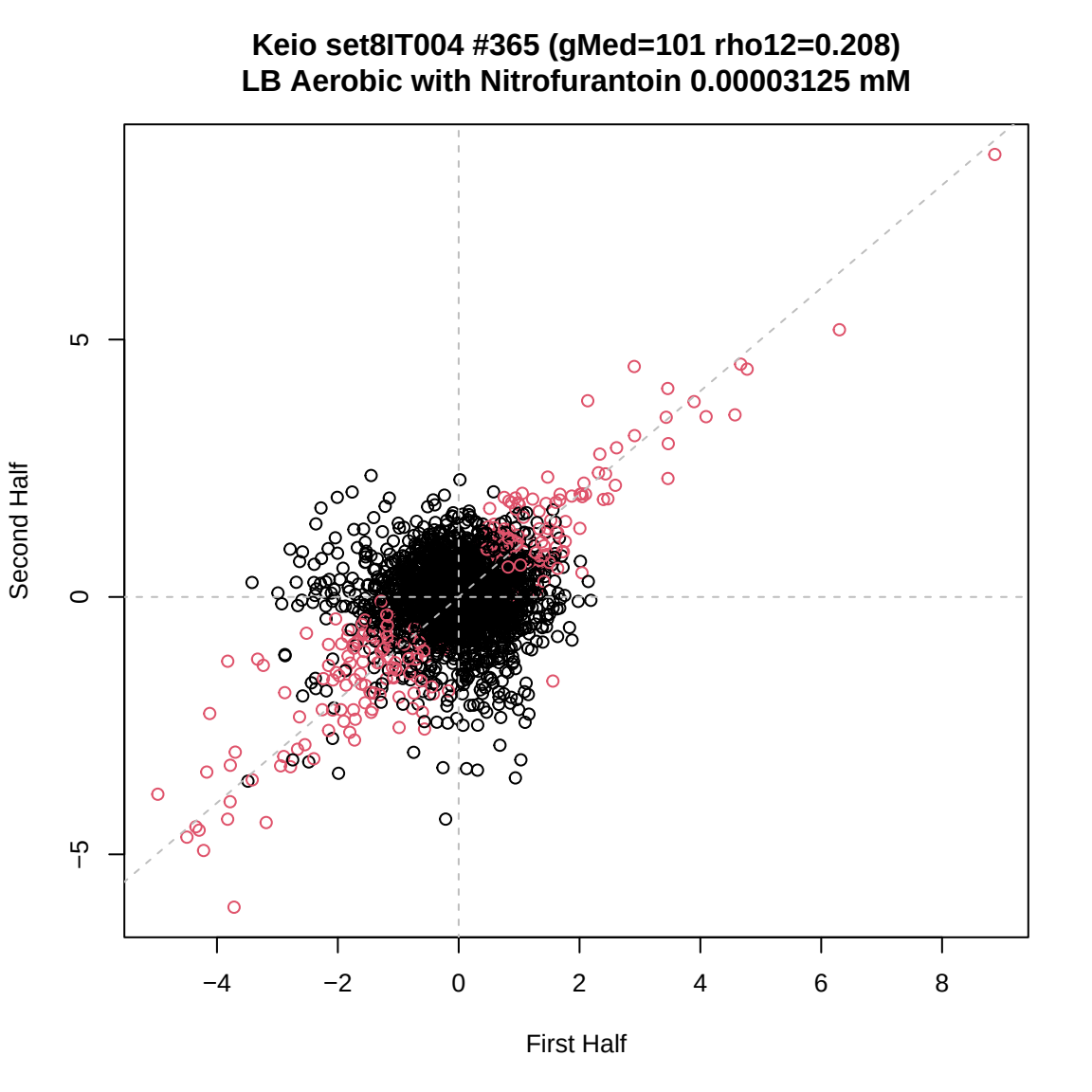

Keio set7IT091 #360 (gMed=392 rho12=0.008)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6

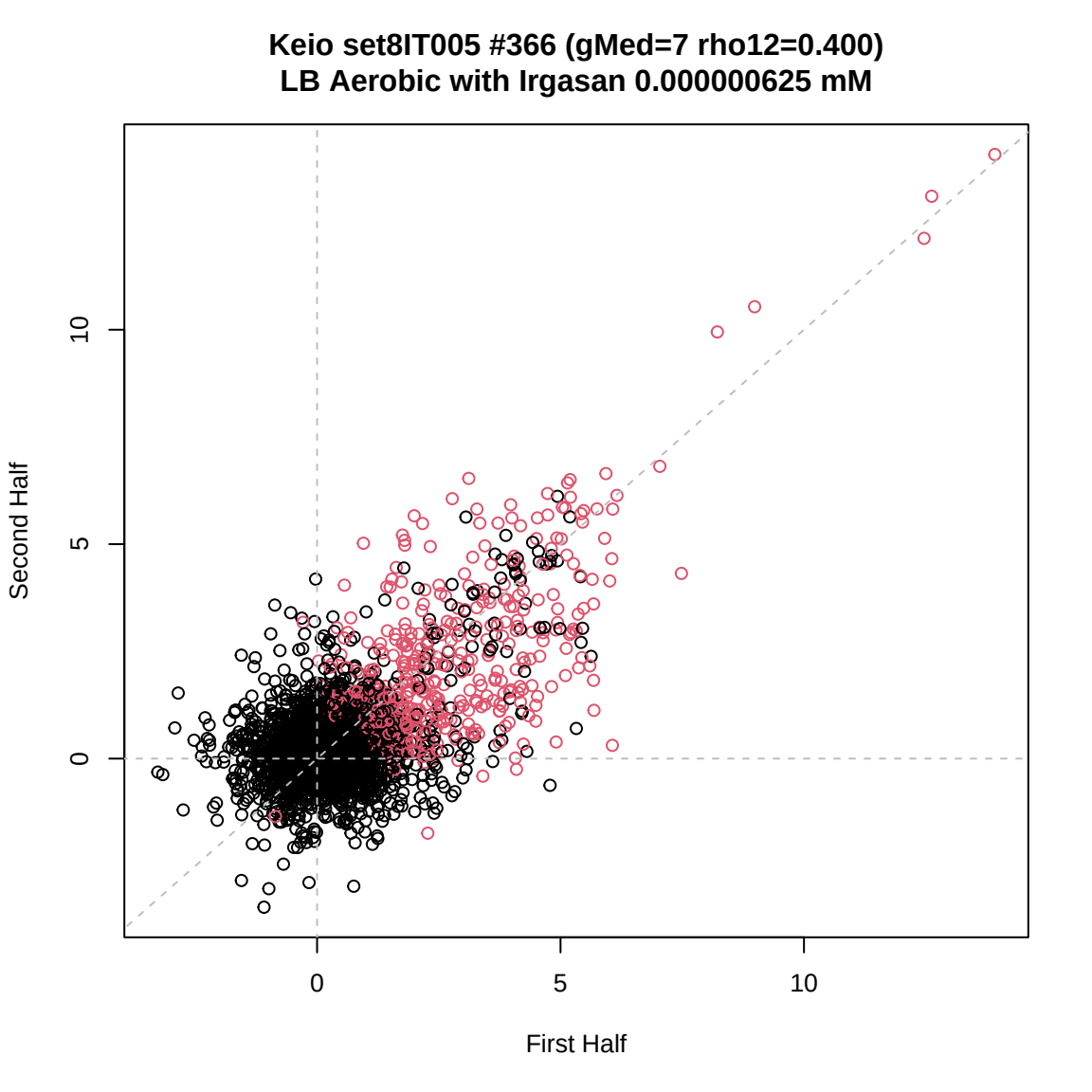

Keio set7IT092 #361 (gMed=377 rho12=0.036)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

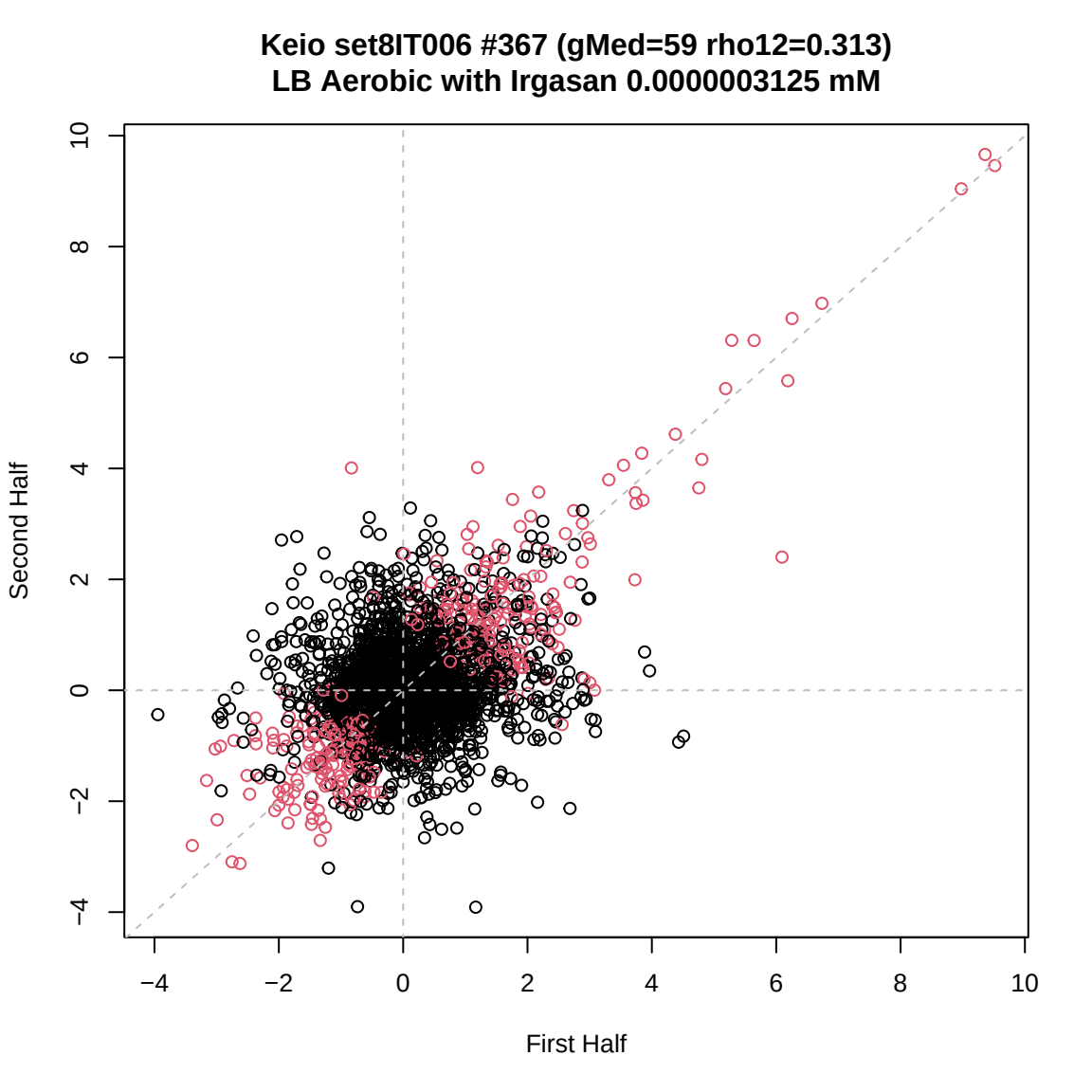

Keio set8IT001 #362 (gMed=80 rho12=−0.025)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

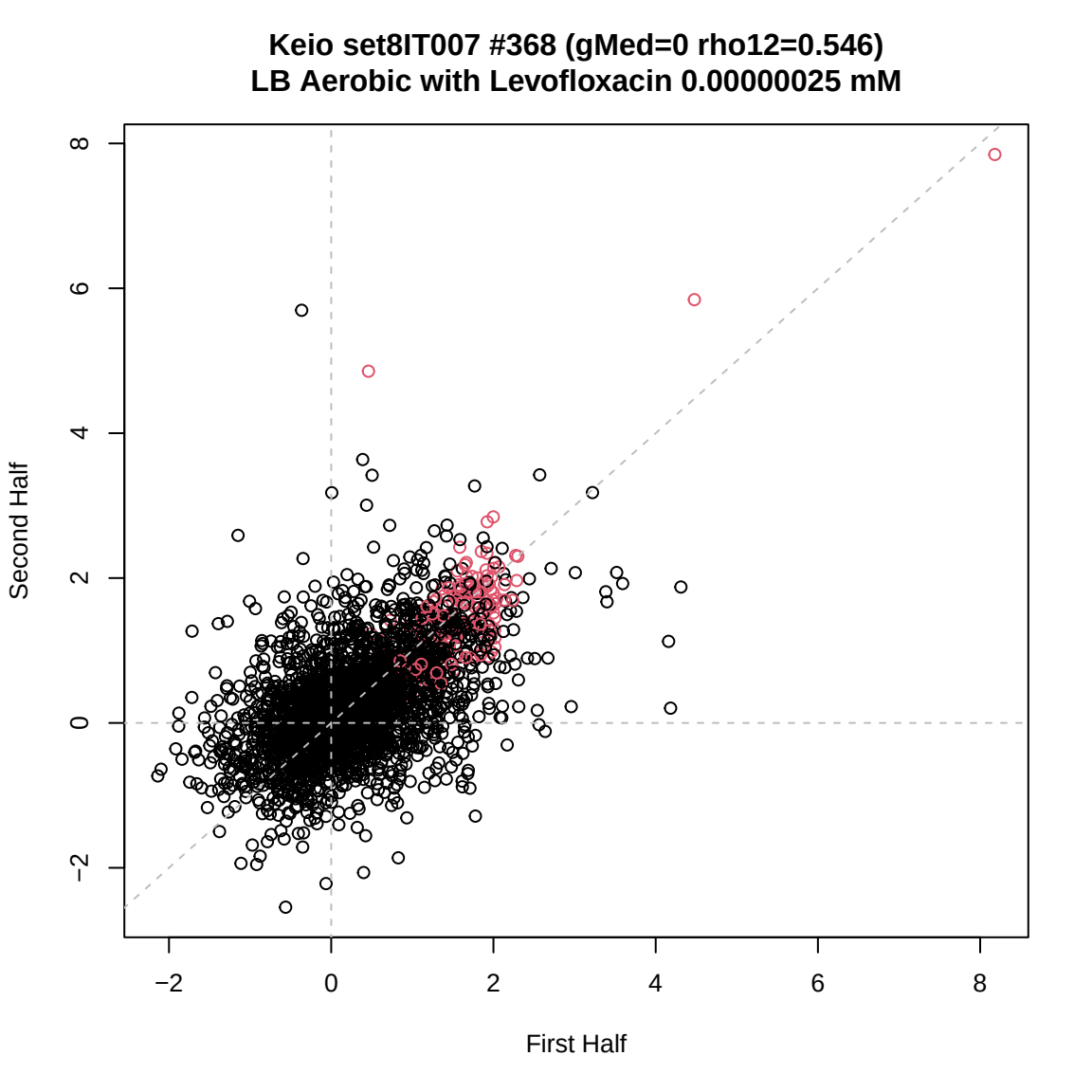

Keio set8IT002 #363 (gMed=130 rho12=0.195)
LB, Aerobic
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

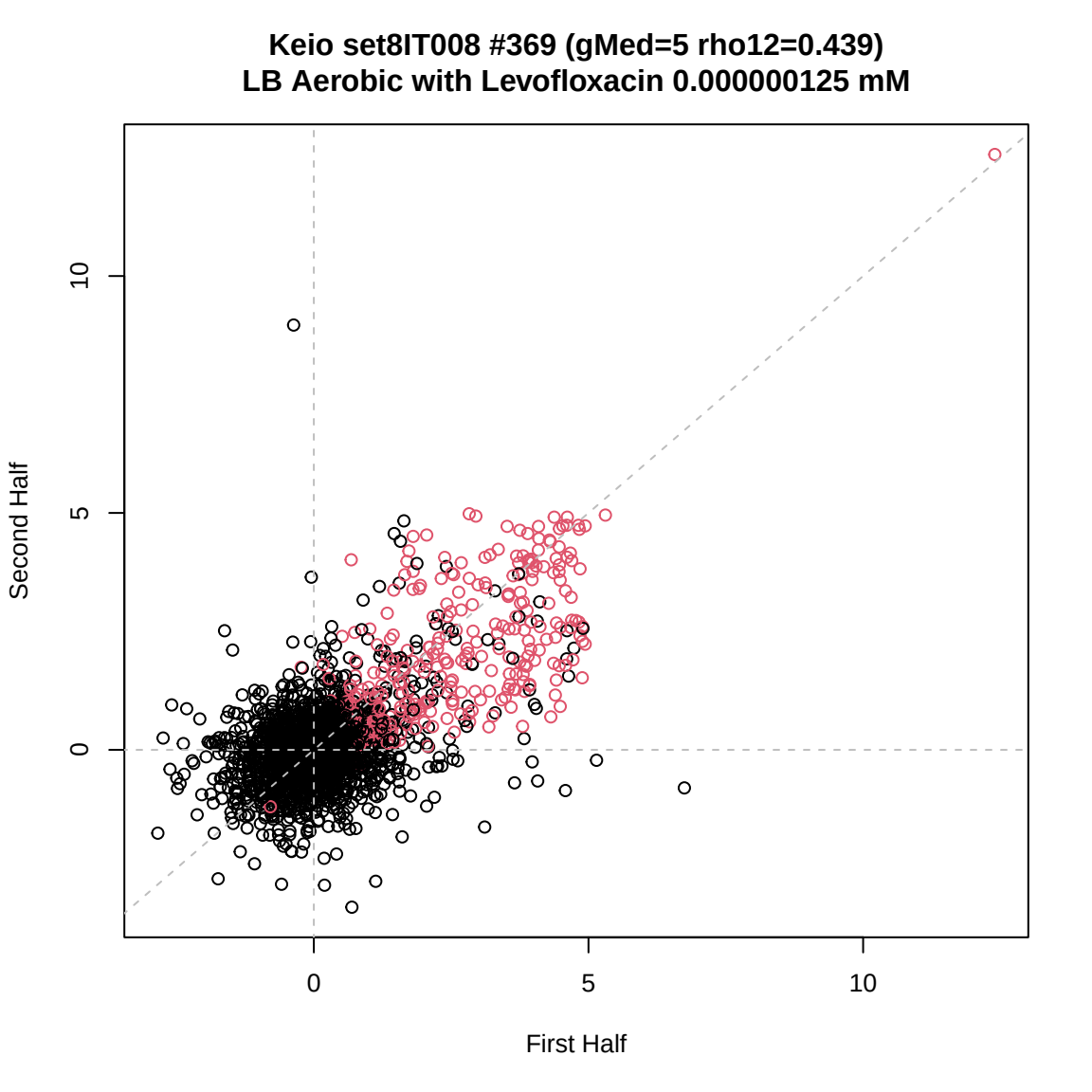

Keio set8IT003 #364 (gMed=0 rho12=0.471)
LB Aerobic with Nitrofurantoin 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

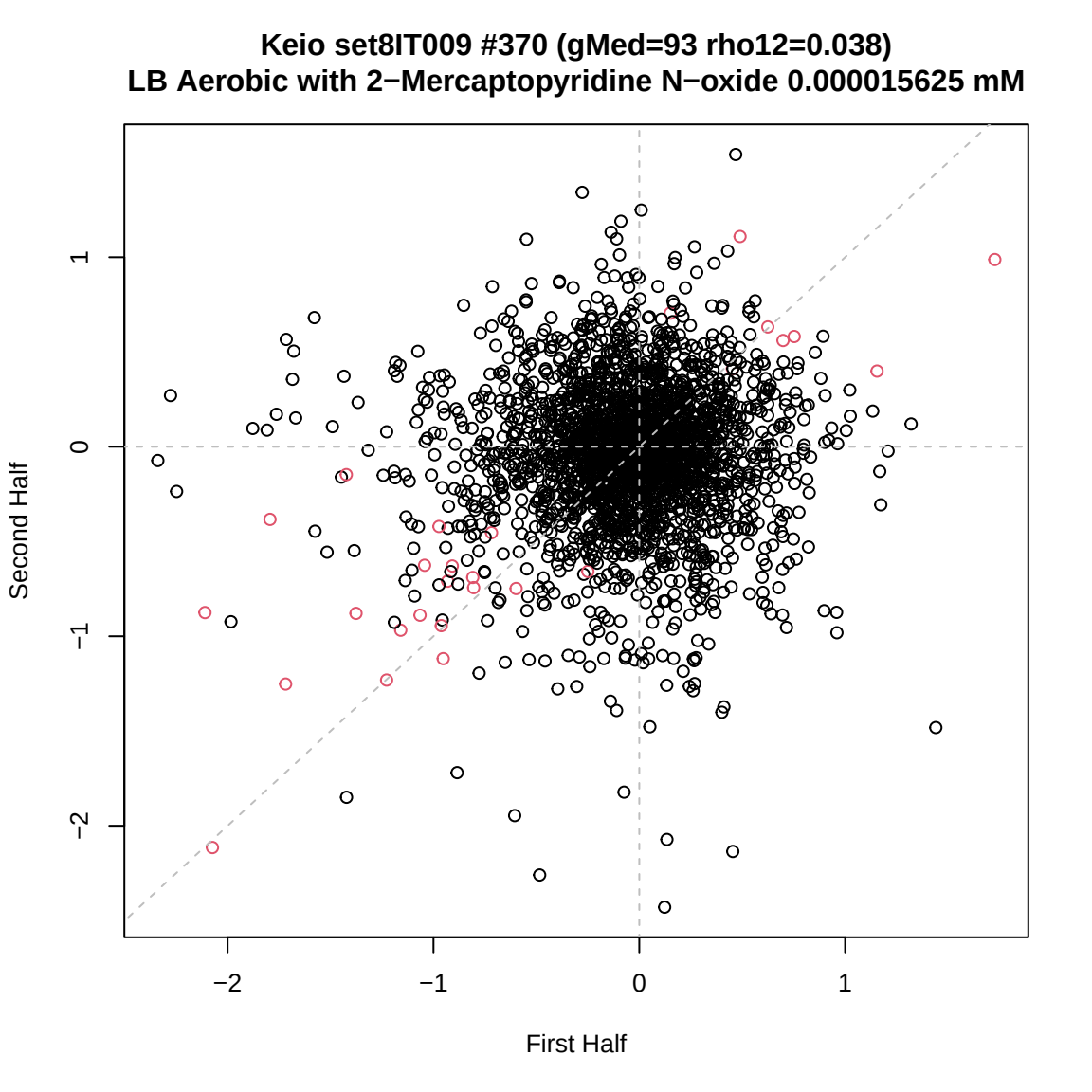

Keio set8IT004 #365 (gMed=101 rho12=0.208)
LB Aerobic with Nitrofurantoin 0.00003125 mM
Second Half
First Half
5
0
−5
−4
−2
0
2
4
6
8

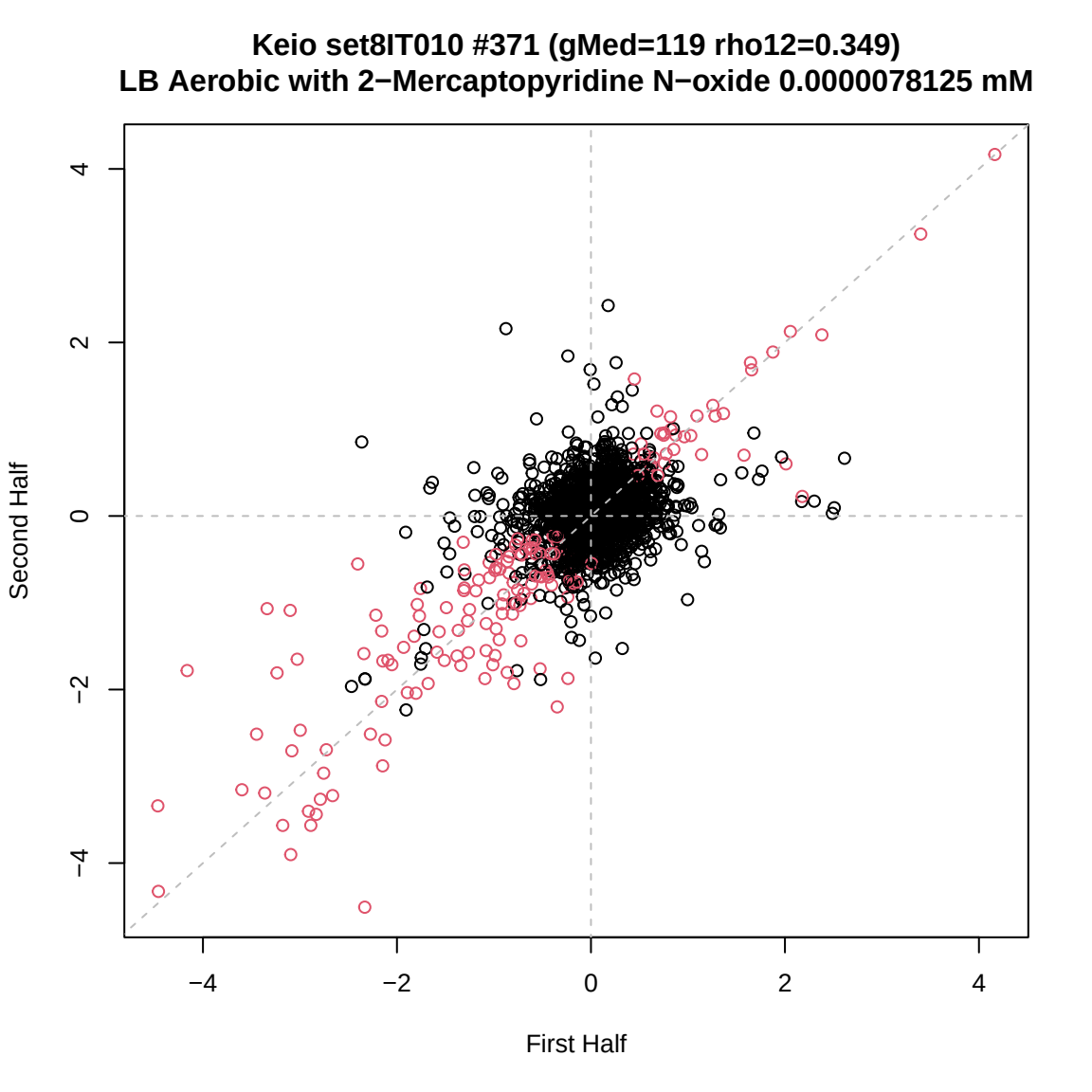

Keio set8IT005 #366 (gMed=7 rho12=0.400)
LB Aerobic with Irgasan 0.000000625 mM
Second Half
First Half
0
5
10
0
5
10

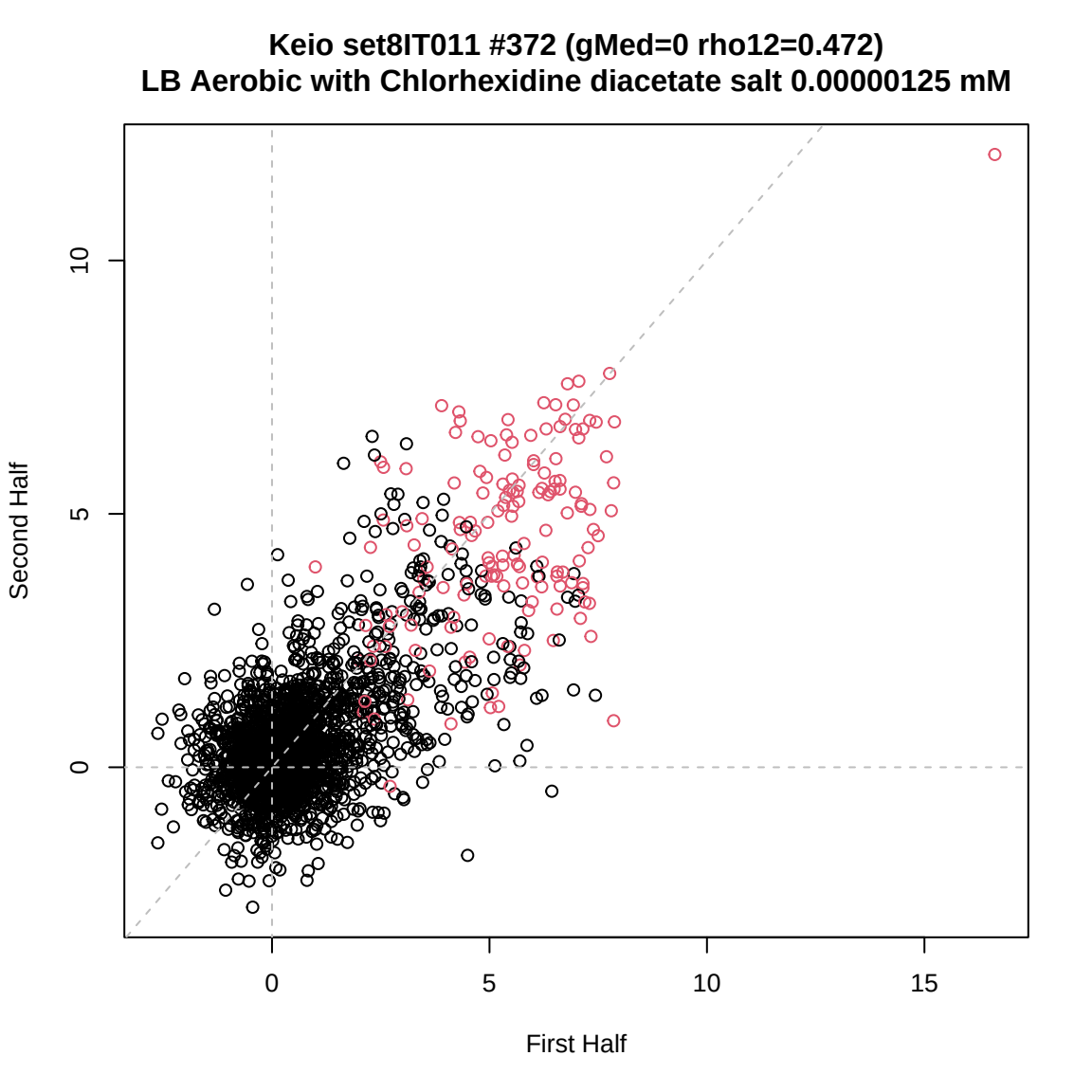

Keio set8IT006 #367 (gMed=59 rho12=0.313)
LB Aerobic with Irgasan 0.0000003125 mM
Second Half
First Half
10
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8
10

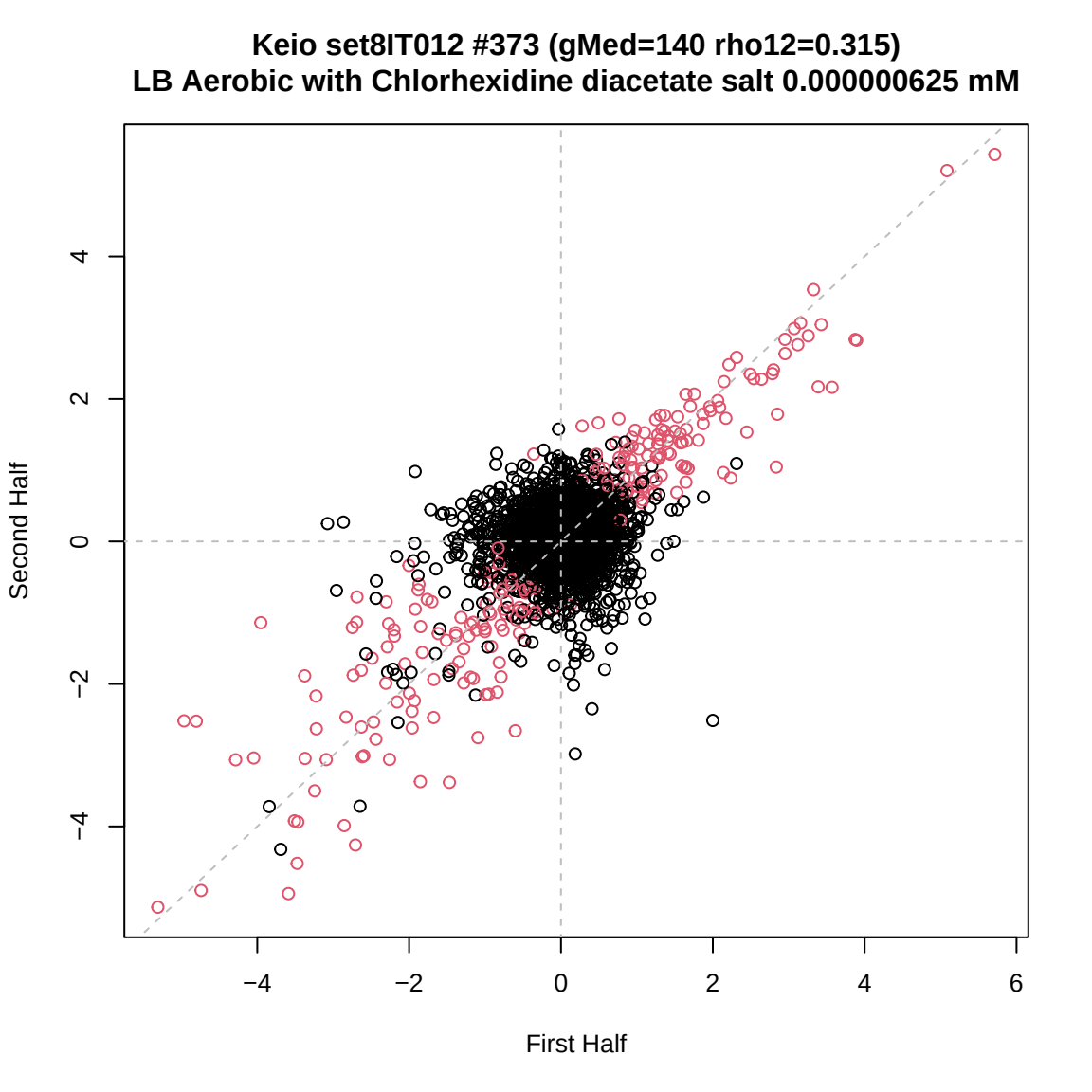

Keio set8IT007 #368 (gMed=0 rho12=0.546)
LB Aerobic with Levofloxacin 0.00000025 mM
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

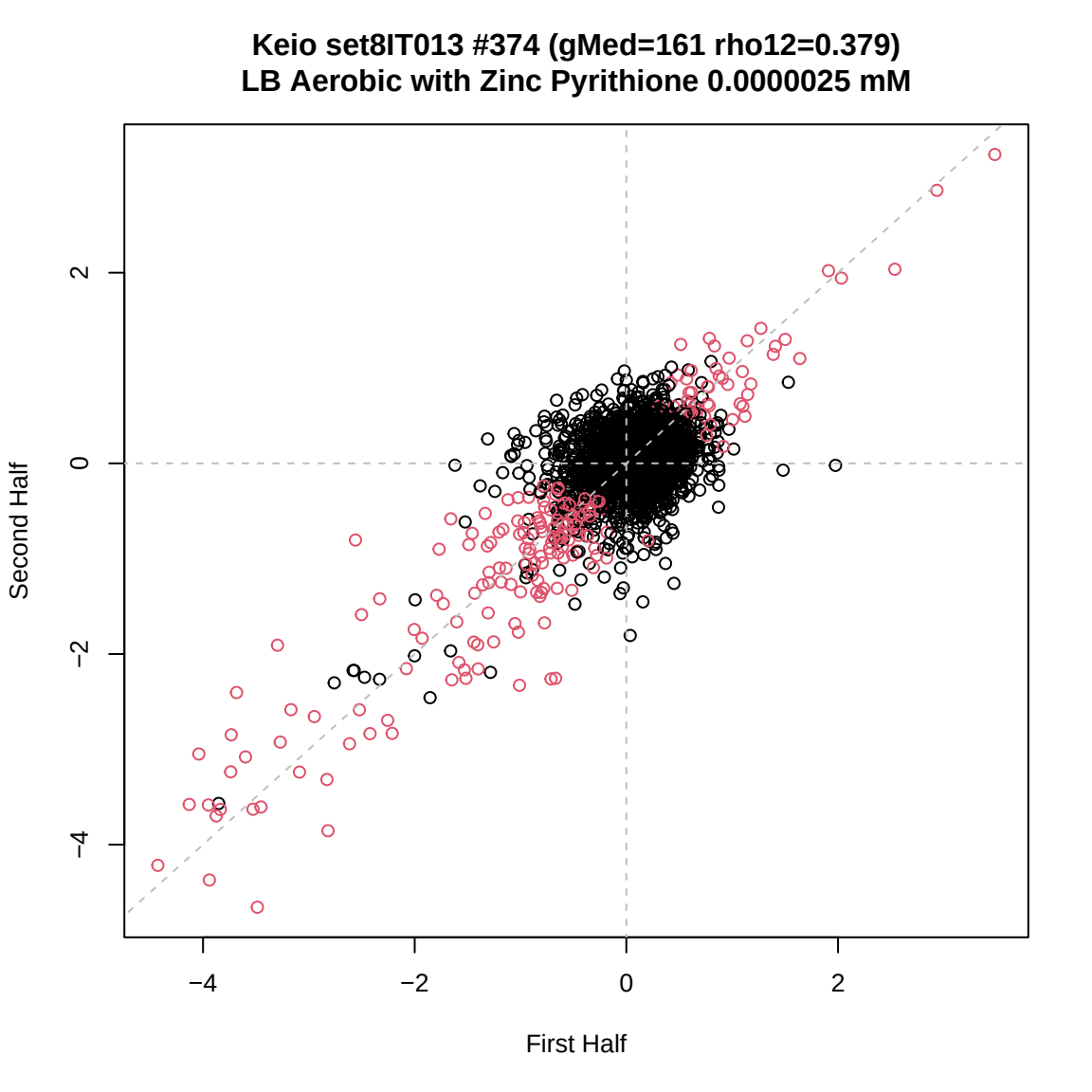

Keio set8IT008 #369 (gMed=5 rho12=0.439)
LB Aerobic with Levofloxacin 0.000000125 mM
Second Half
First Half
0
5
10
0
5
10

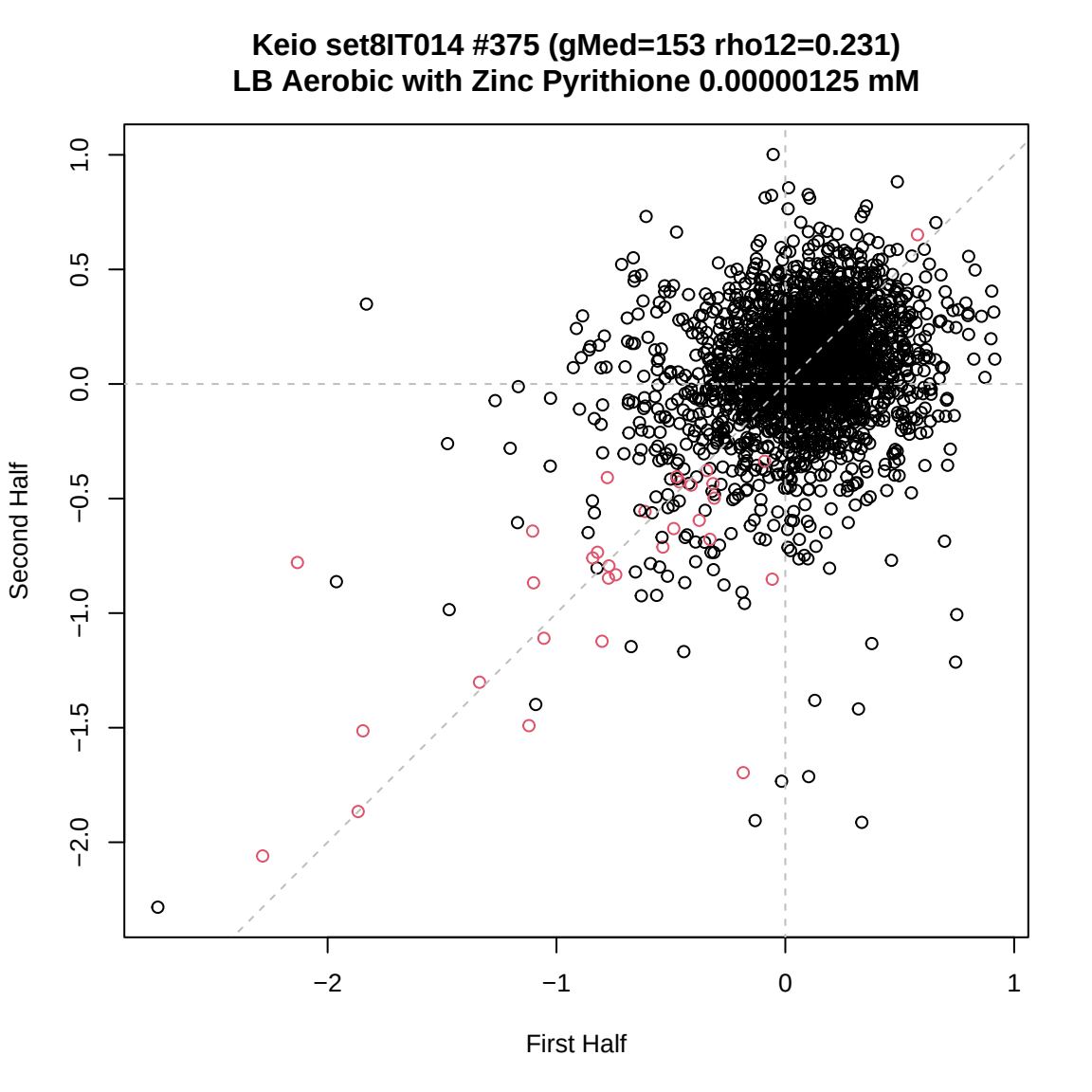

Keio set8IT009 #370 (gMed=93 rho12=0.038)
LB Aerobic with 2−Mercaptopyridine N−oxide 0.000015625 mM
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

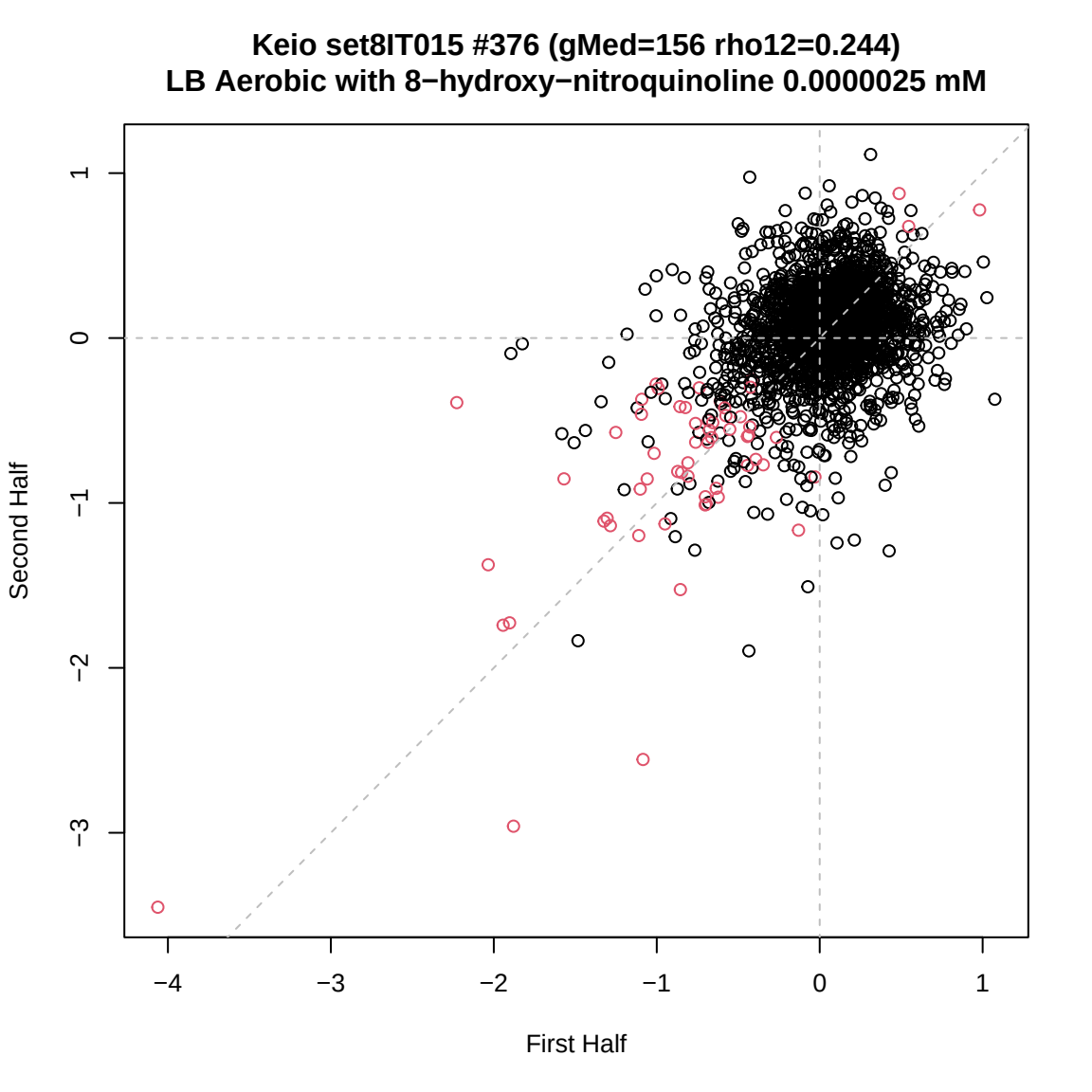

Keio set8IT010 #371 (gMed=119 rho12=0.349)
LB Aerobic with 2−Mercaptopyridine N−oxide 0.0000078125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

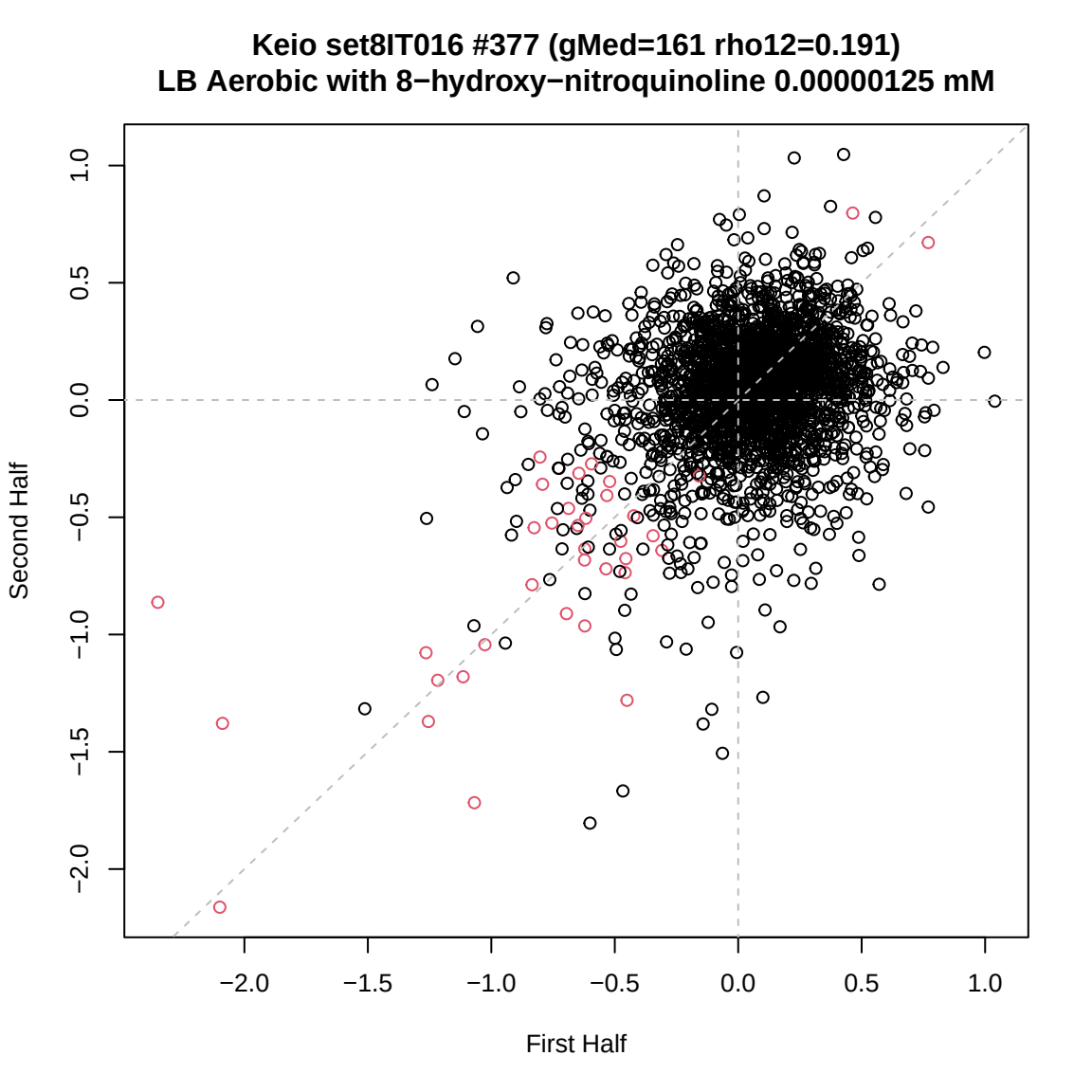

Keio set8IT011 #372 (gMed=0 rho12=0.472)
LB Aerobic with Chlorhexidine diacetate salt 0.00000125 mM
Second Half
First Half
0
5
10
15
0
5
10

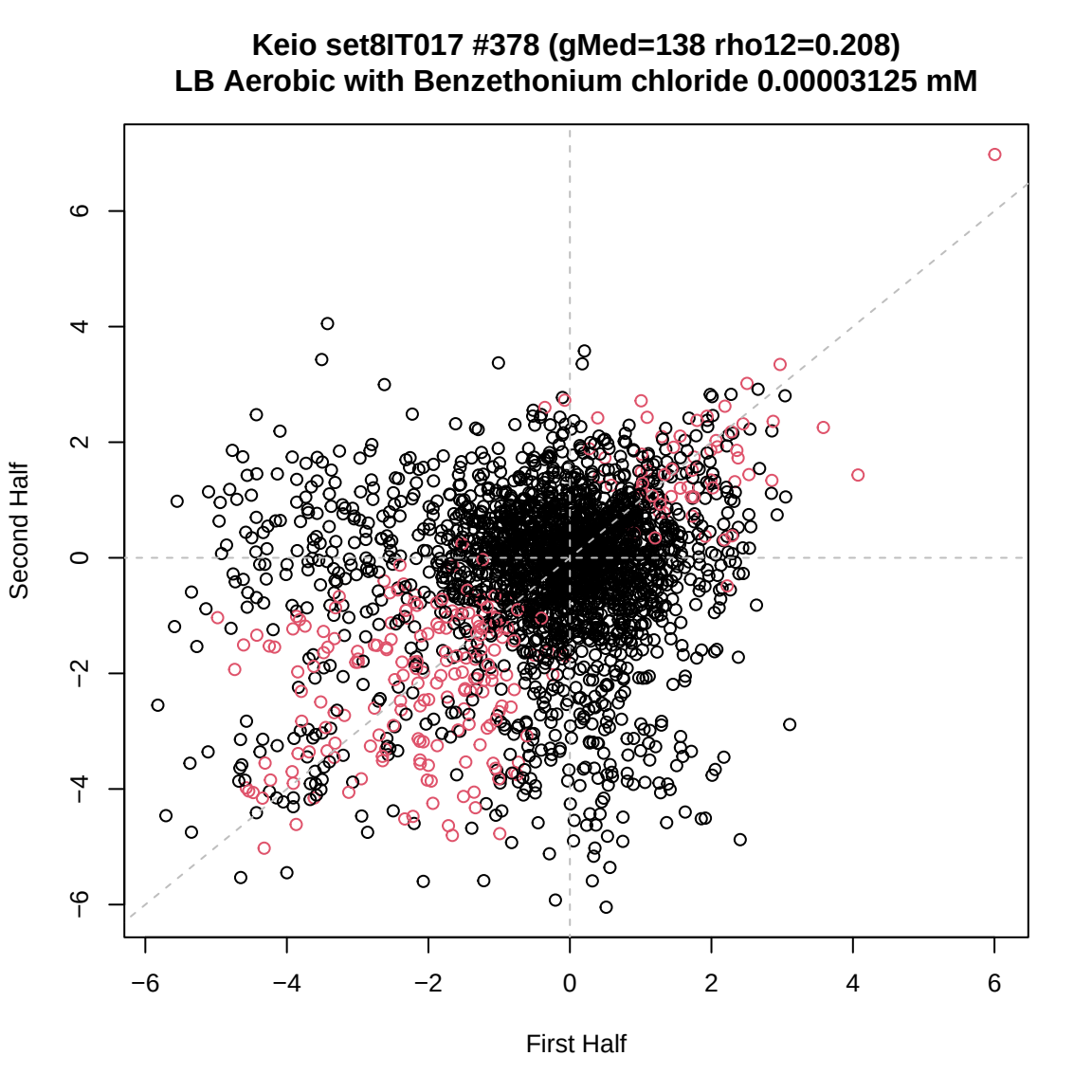

Keio set8IT012 #373 (gMed=140 rho12=0.315)
LB Aerobic with Chlorhexidine diacetate salt 0.000000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4
6

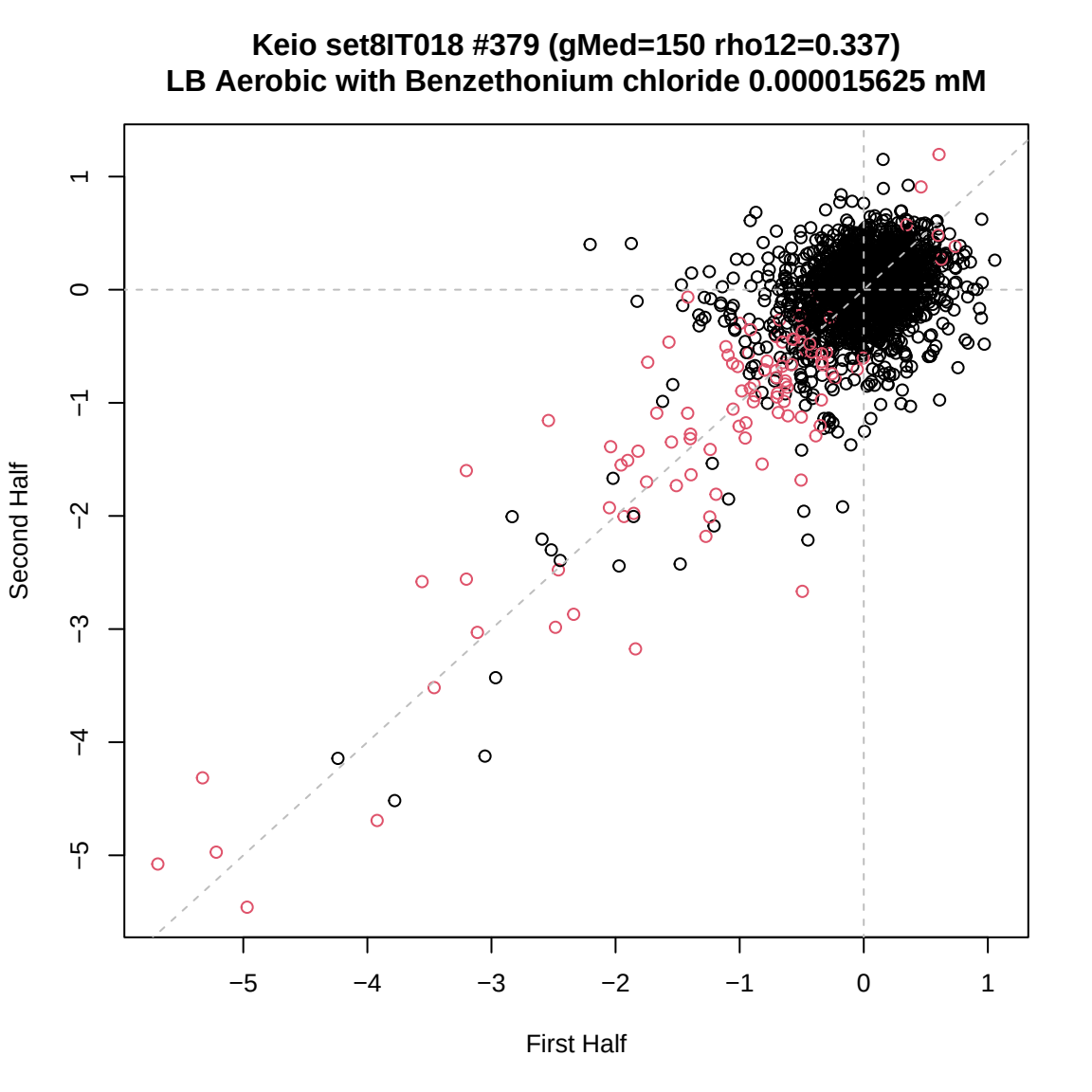

Keio set8IT013 #374 (gMed=161 rho12=0.379)
LB Aerobic with Zinc Pyrithione 0.0000025 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

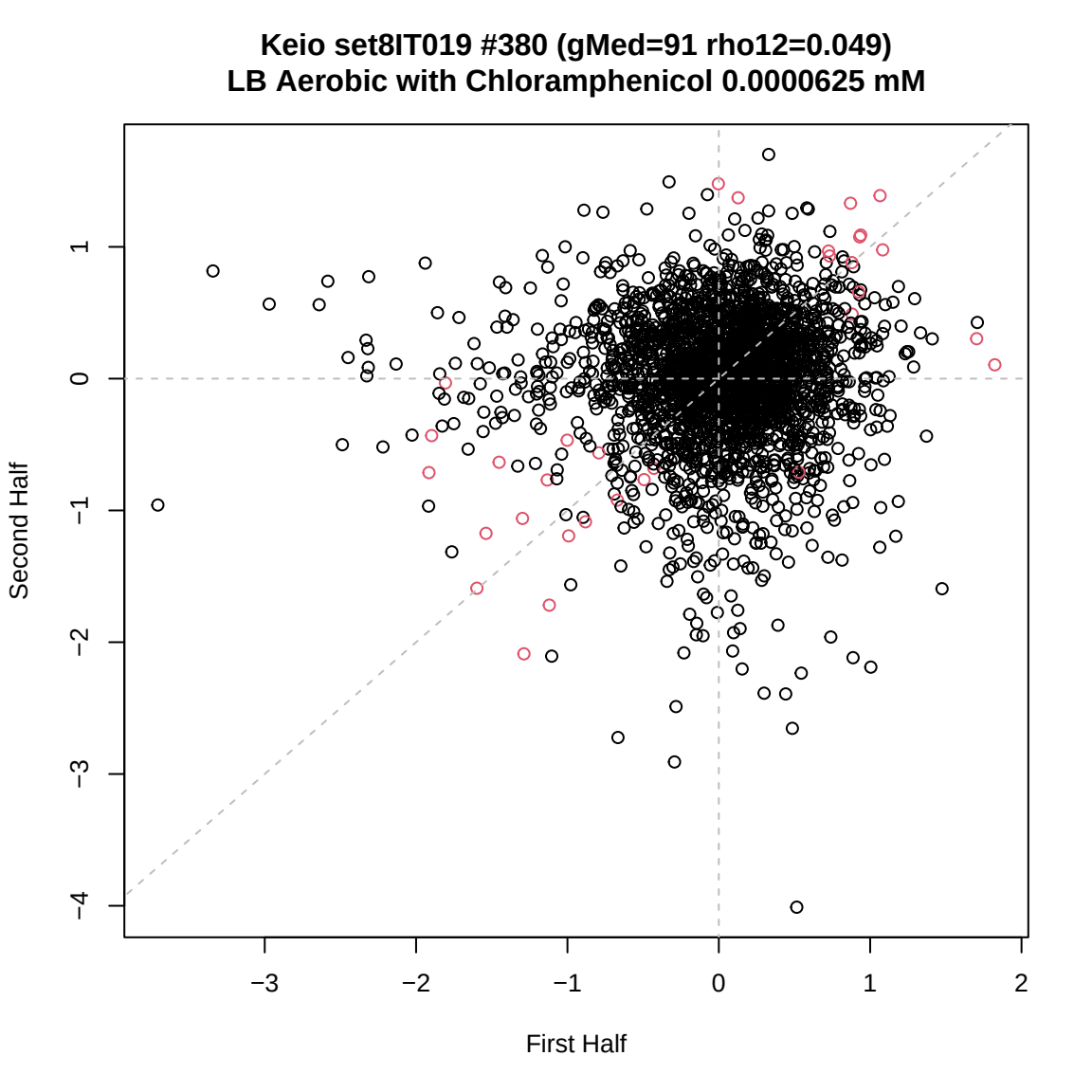

Keio set8IT014 #375 (gMed=153 rho12=0.231)
LB Aerobic with Zinc Pyrithione 0.00000125 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

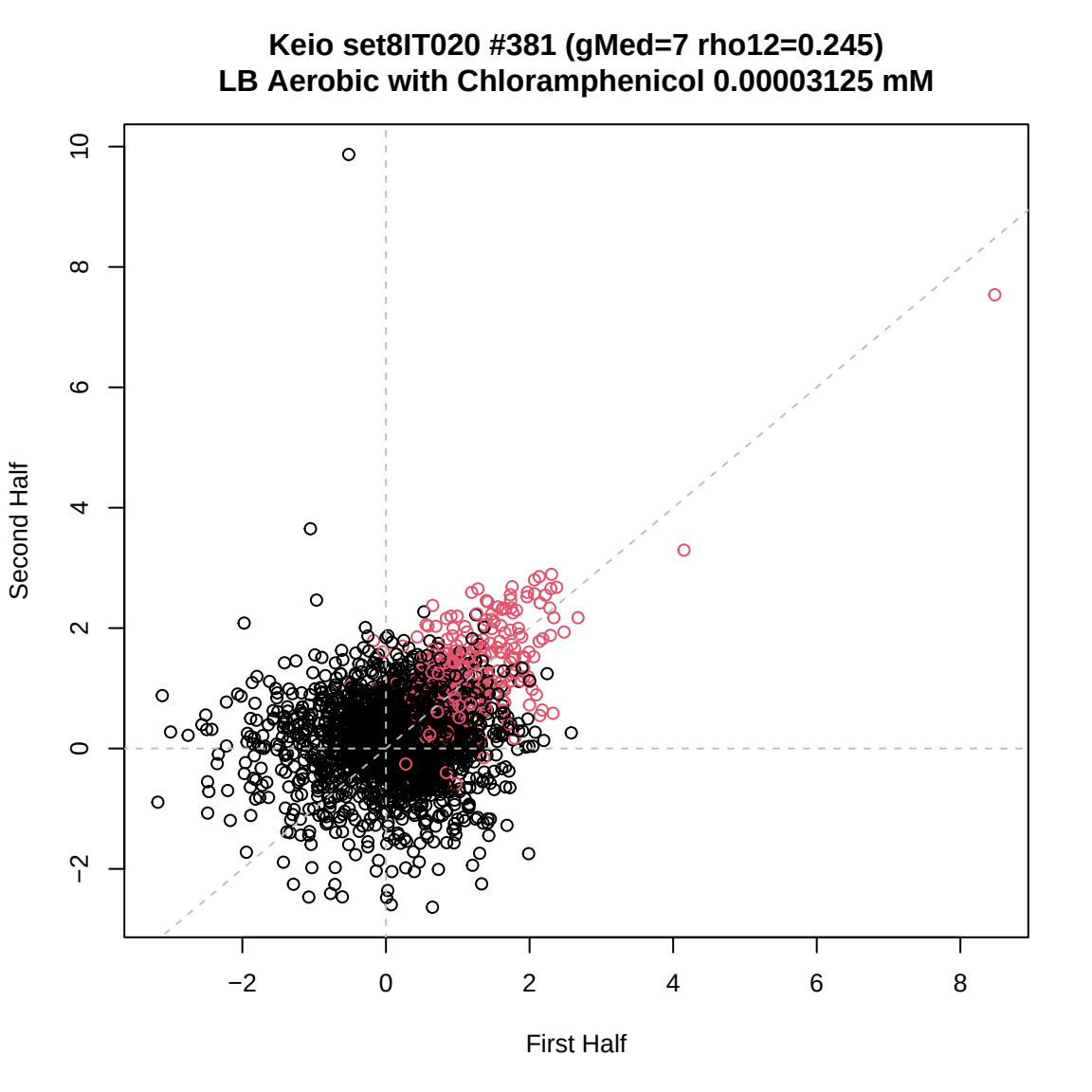

Keio set8IT015 #376 (gMed=156 rho12=0.244)
LB Aerobic with 8−hydroxy−nitroquinoline 0.0000025 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

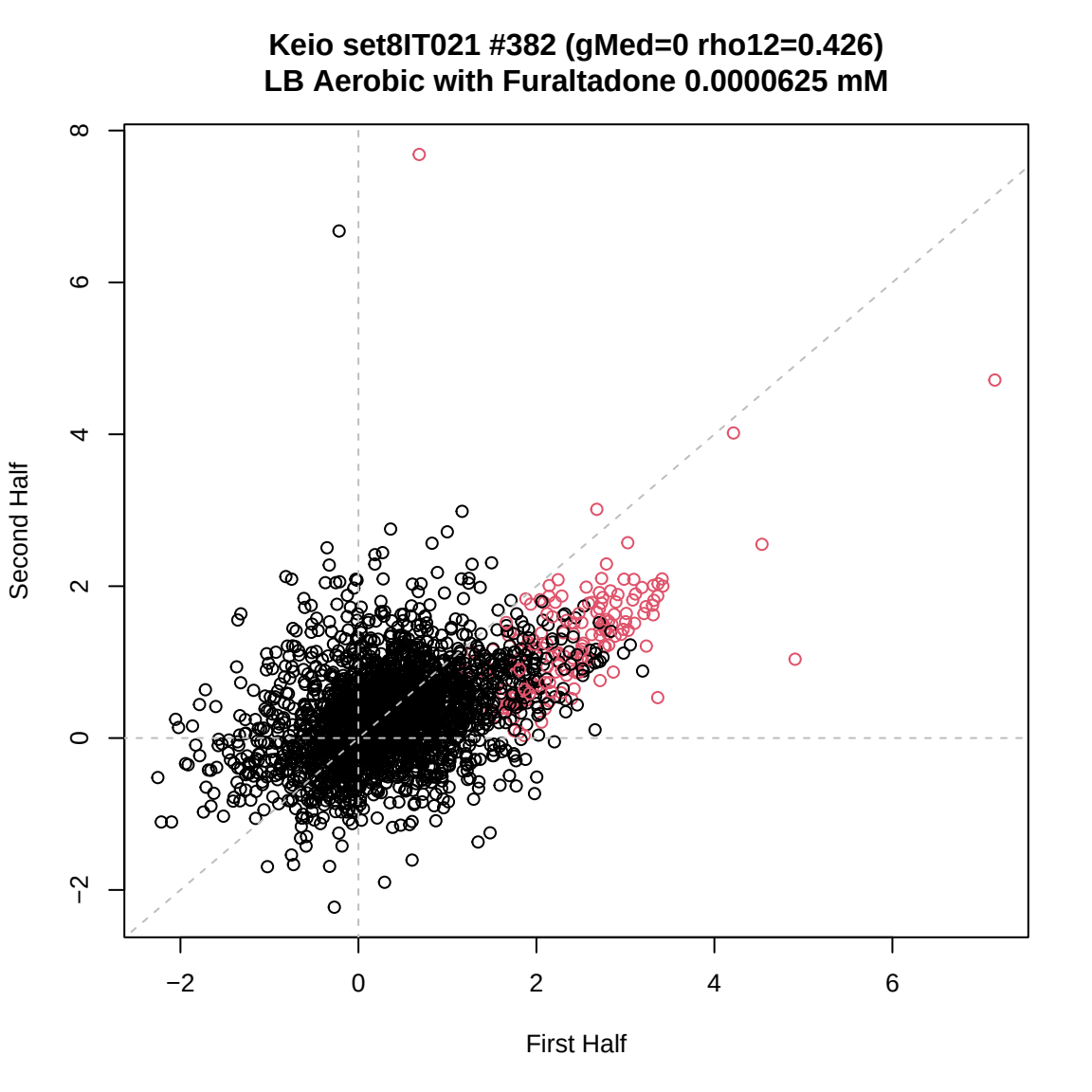

Keio set8IT016 #377 (gMed=161 rho12=0.191)
LB Aerobic with 8−hydroxy−nitroquinoline 0.00000125 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

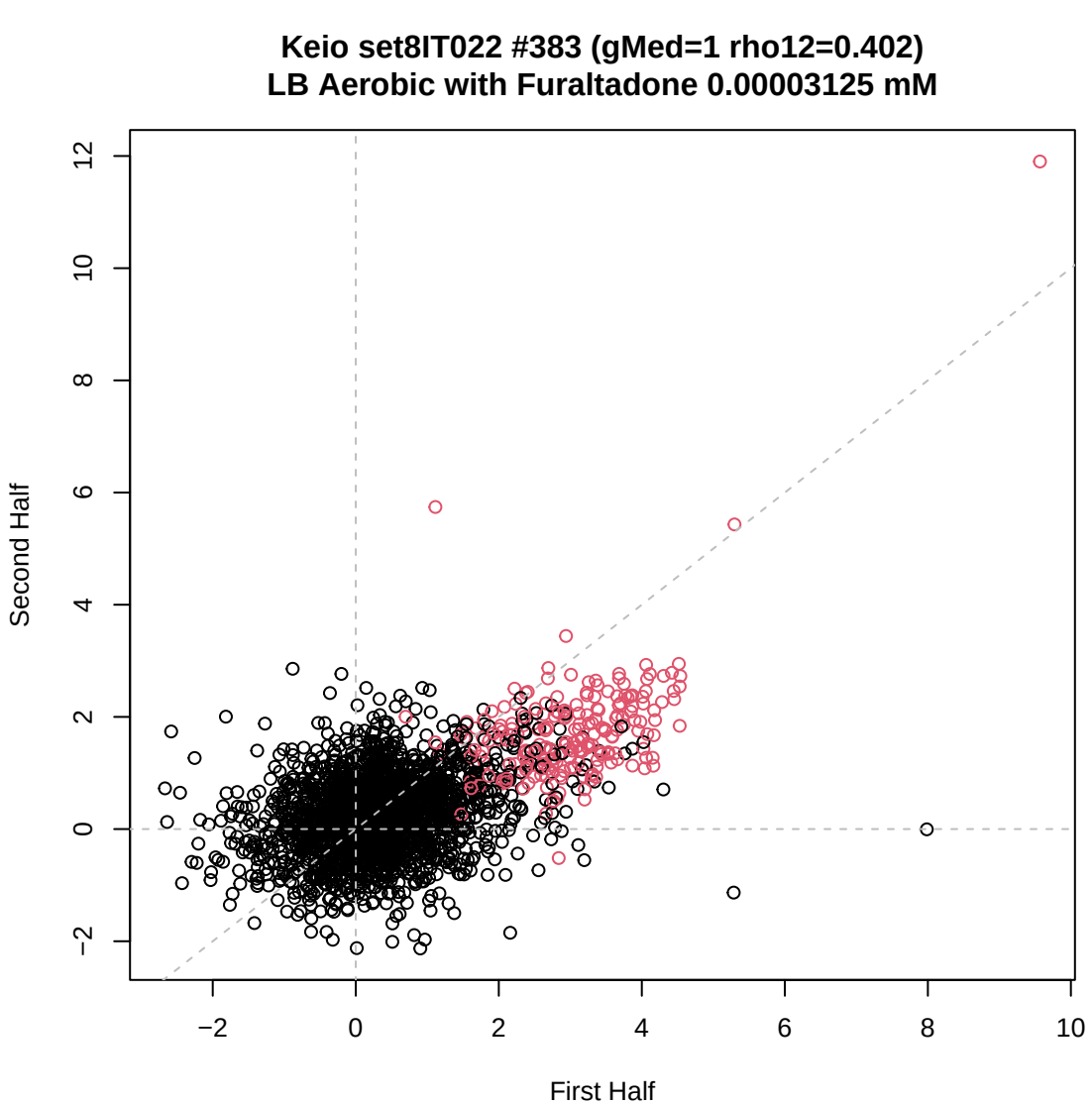

Keio set8IT017 #378 (gMed=138 rho12=0.208)
LB Aerobic with Benzethonium chloride 0.00003125 mM
Second Half
First Half
−6
−4
−2
0
2
4
6

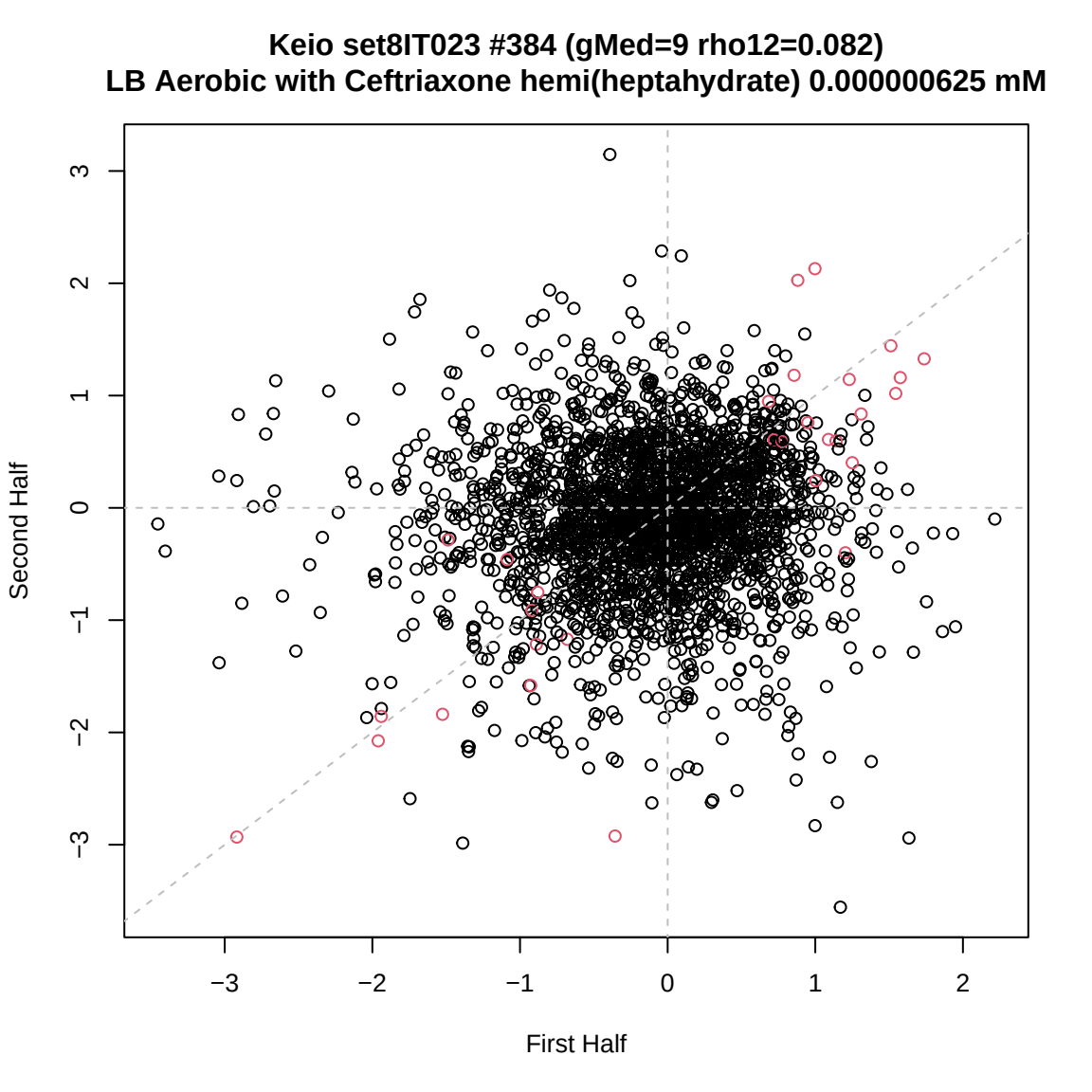

Keio set8IT018 #379 (gMed=150 rho12=0.337)
LB Aerobic with Benzethonium chloride 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

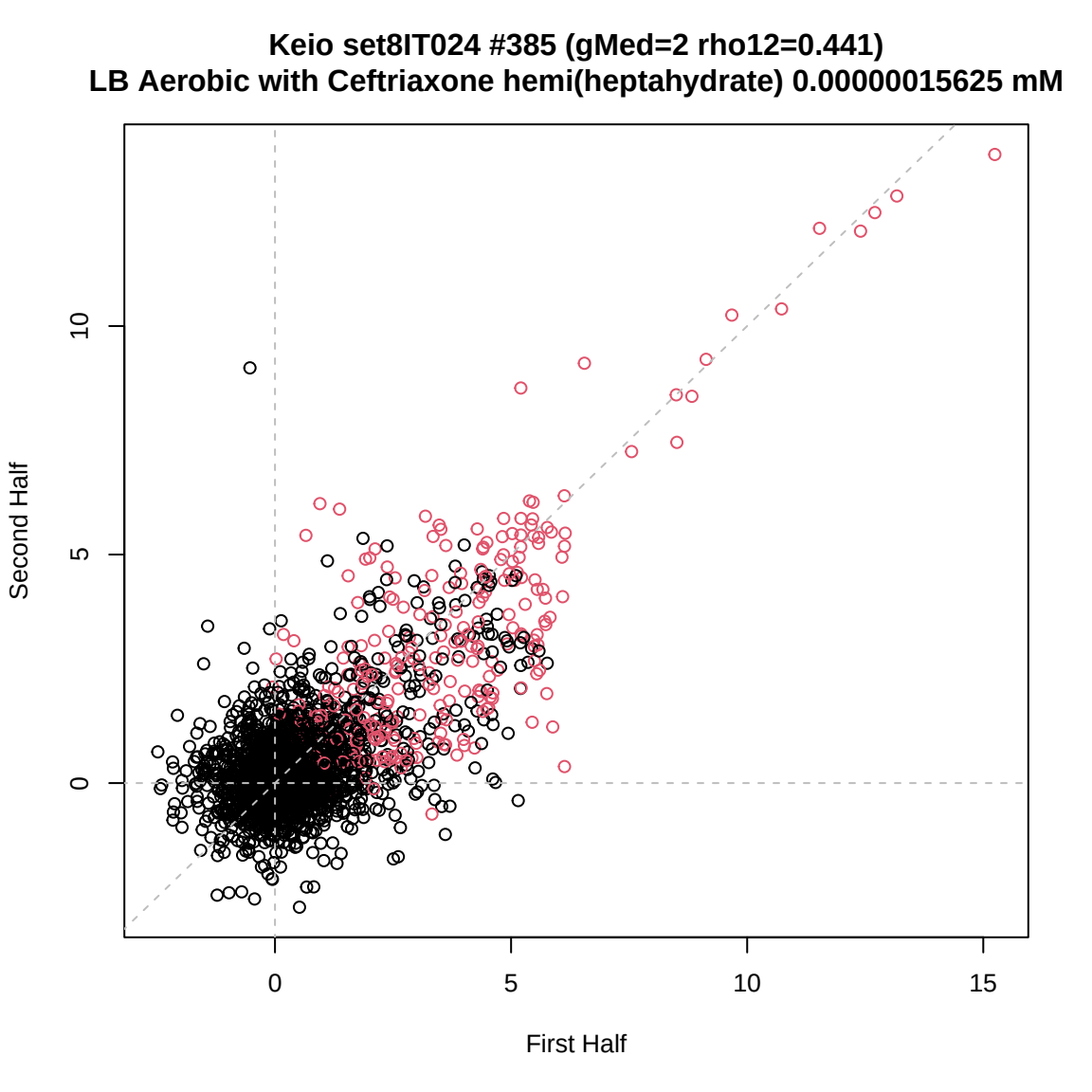

Keio set8IT019 #380 (gMed=91 rho12=0.049)
LB Aerobic with Chloramphenicol 0.0000625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

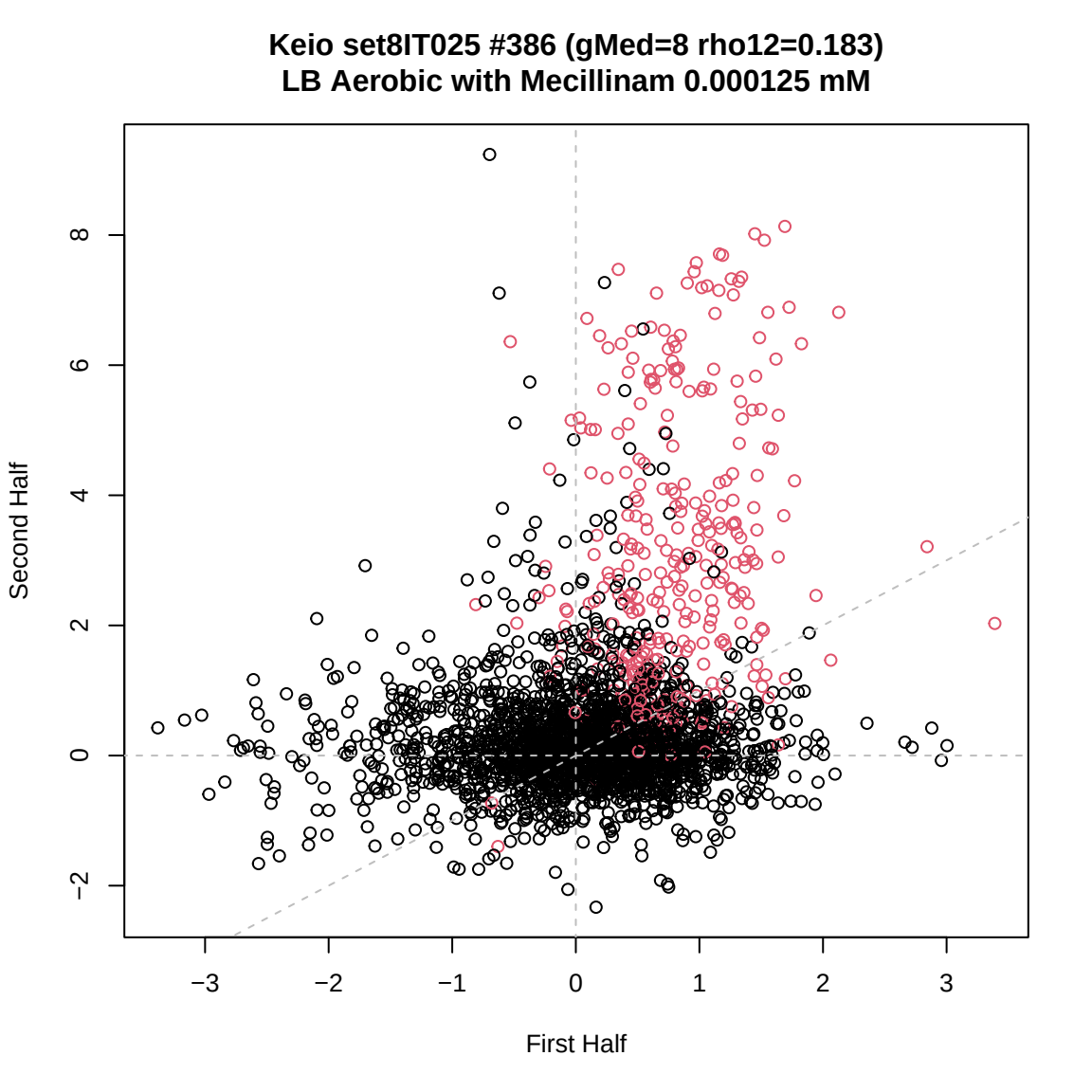

Keio set8IT020 #381 (gMed=7 rho12=0.245)
LB Aerobic with Chloramphenicol 0.00003125 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

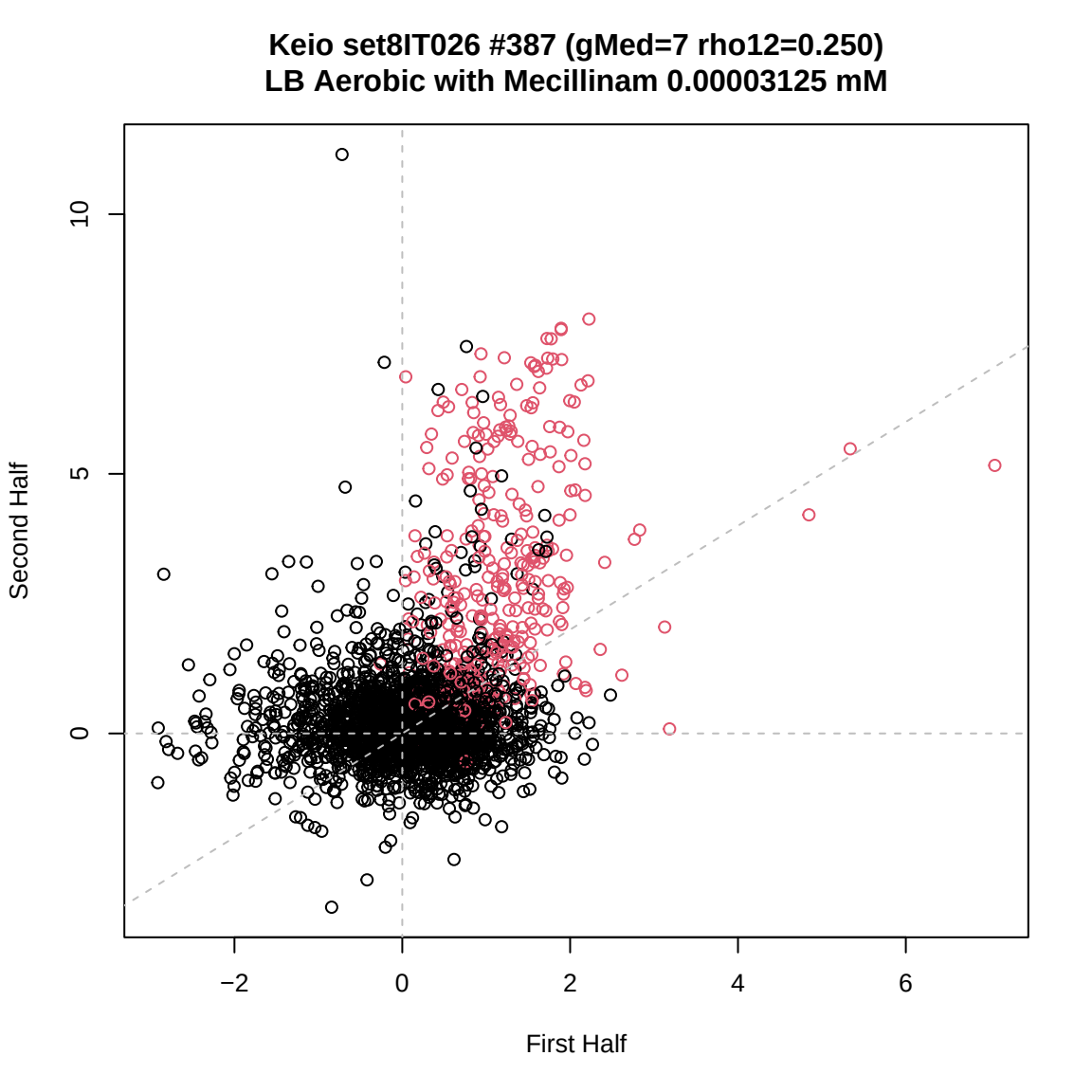

Keio set8IT021 #382 (gMed=0 rho12=0.426)
LB Aerobic with Furaltadone 0.0000625 mM
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6

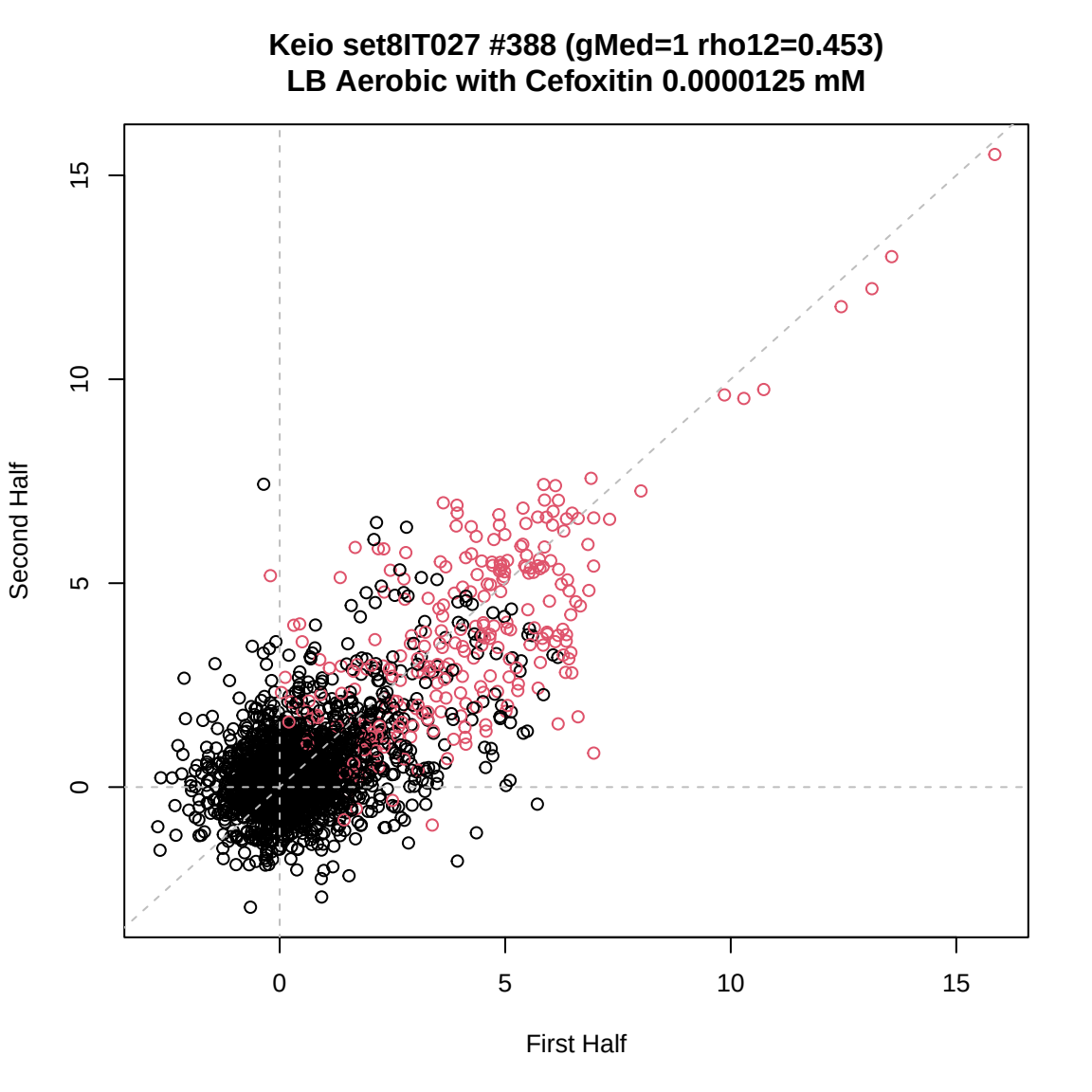

Keio set8IT022 #383 (gMed=1 rho12=0.402)
LB Aerobic with Furaltadone 0.00003125 mM
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

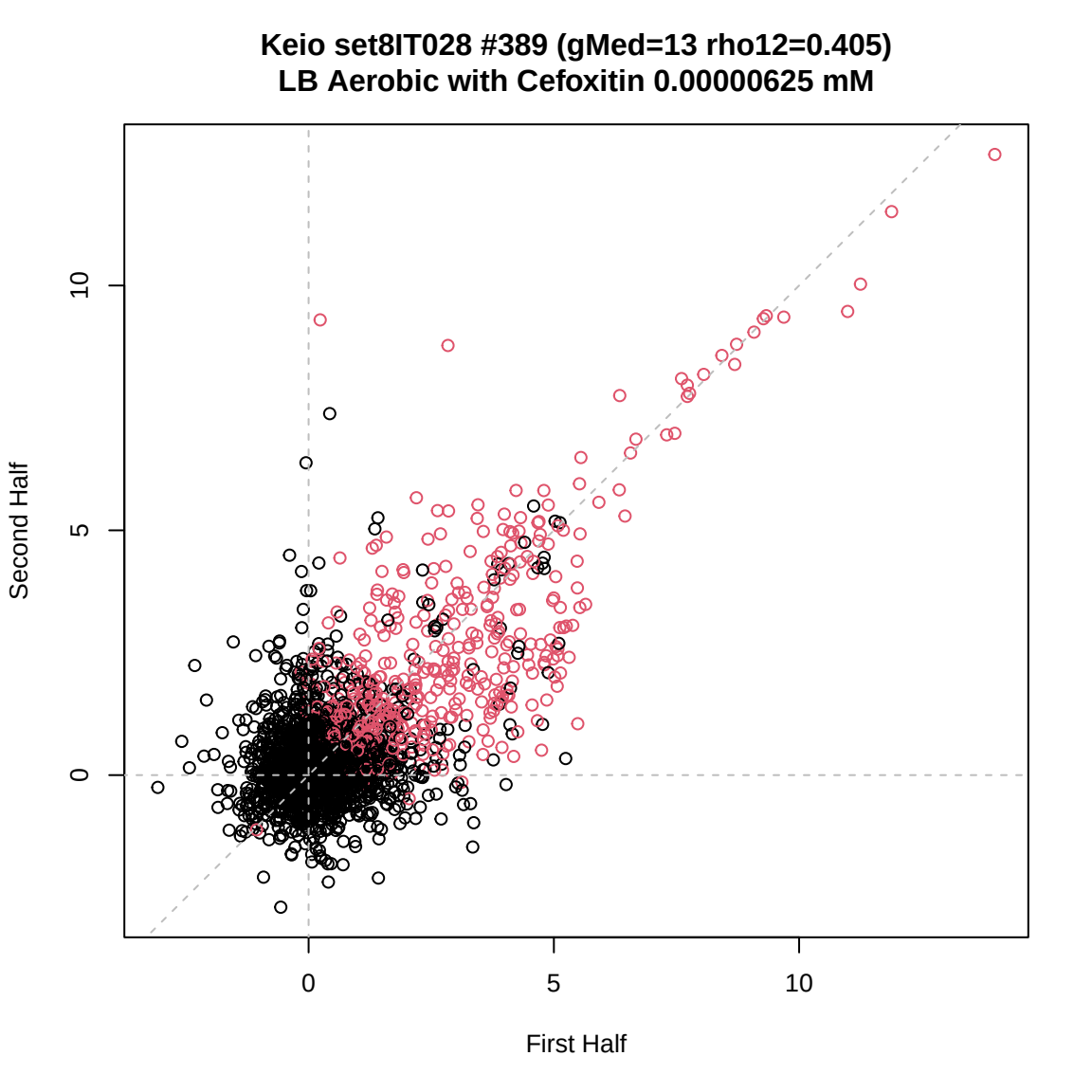

Keio set8IT023 #384 (gMed=9 rho12=0.082)
LB Aerobic with Ceftriaxone hemi(heptahydrate) 0.000000625 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

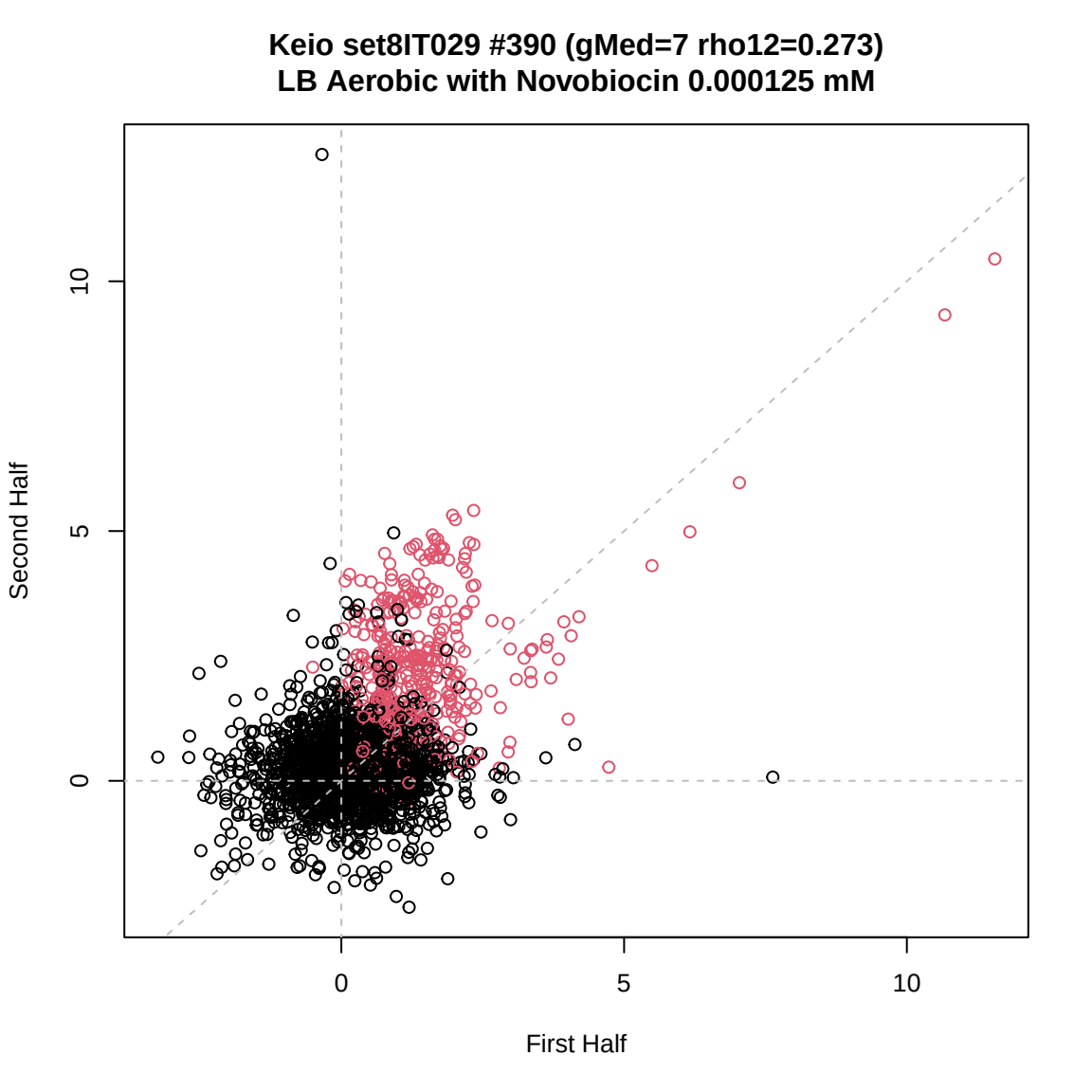

Keio set8IT024 #385 (gMed=2 rho12=0.441)
LB Aerobic with Ceftriaxone hemi(heptahydrate) 0.00000015625 mM
Second Half
First Half
0
5
10
15

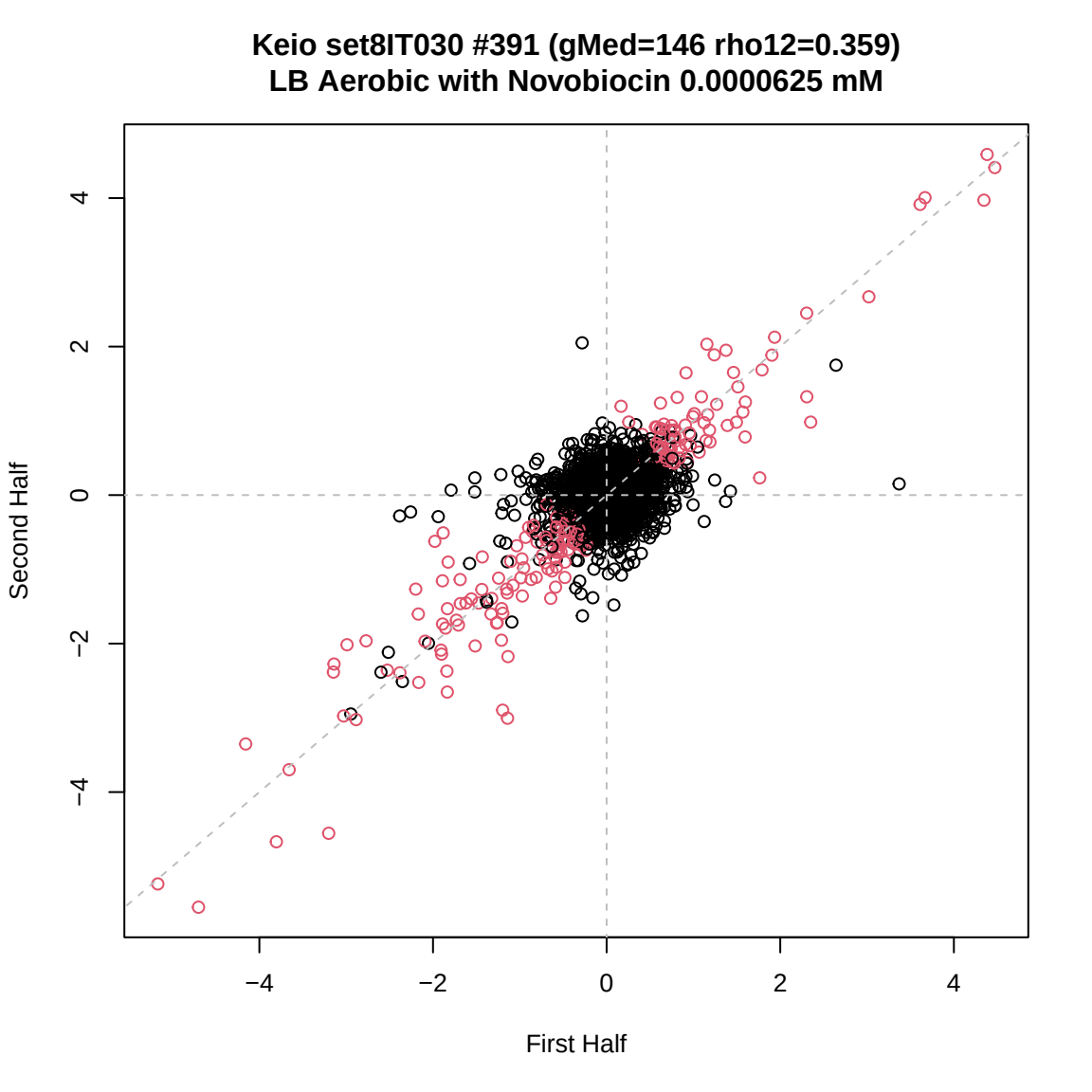

Keio set8IT025 #386 (gMed=8 rho12=0.183)
LB Aerobic with Mecillinam 0.000125 mM
Second Half
First Half
8
6
4
2
0
−2
−3
−2
−1
0
1
2
3

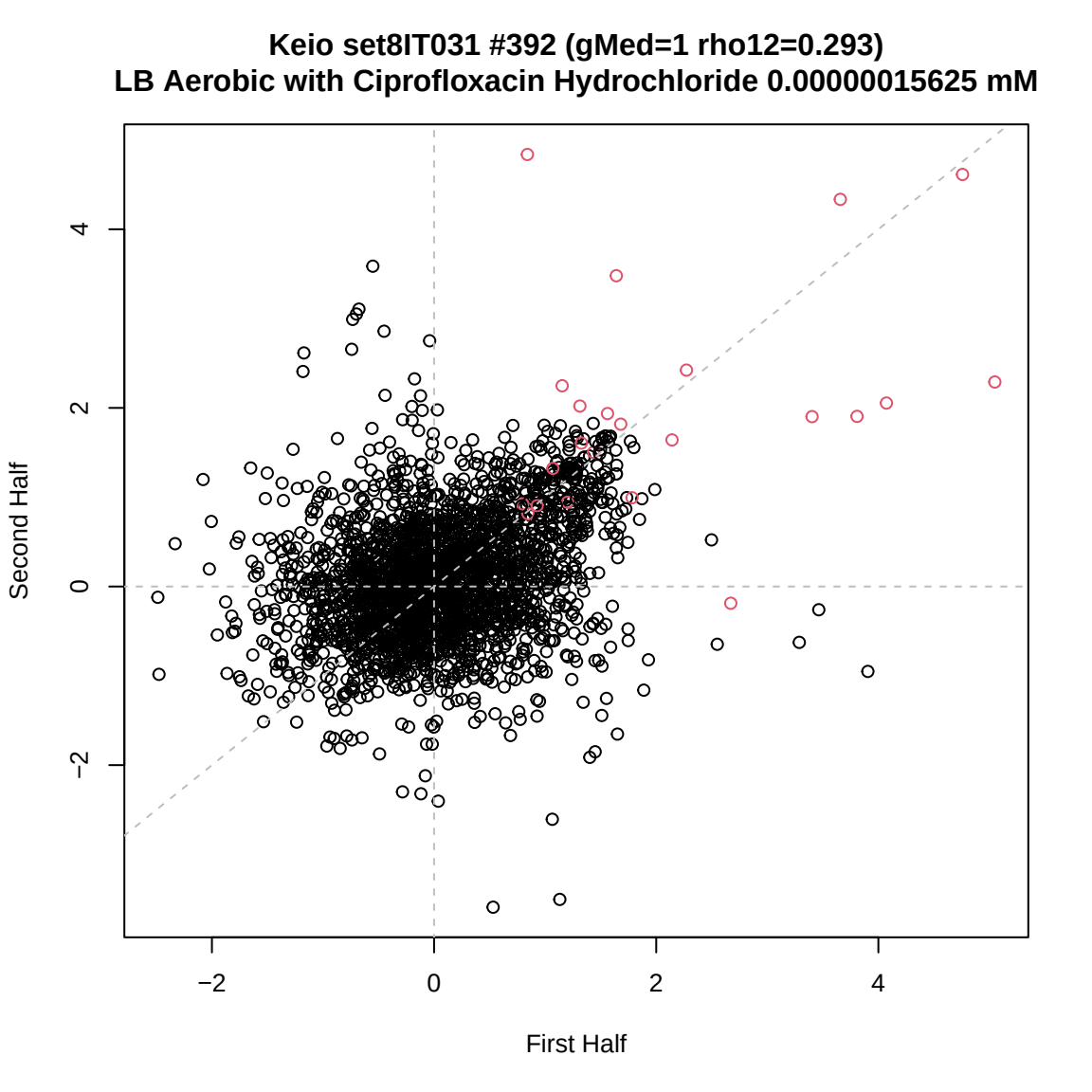

Keio set8IT026 #387 (gMed=7 rho12=0.250)
LB Aerobic with Mecillinam 0.00003125 mM
Second Half
First Half
10
5
0
−2
0
2
4
6

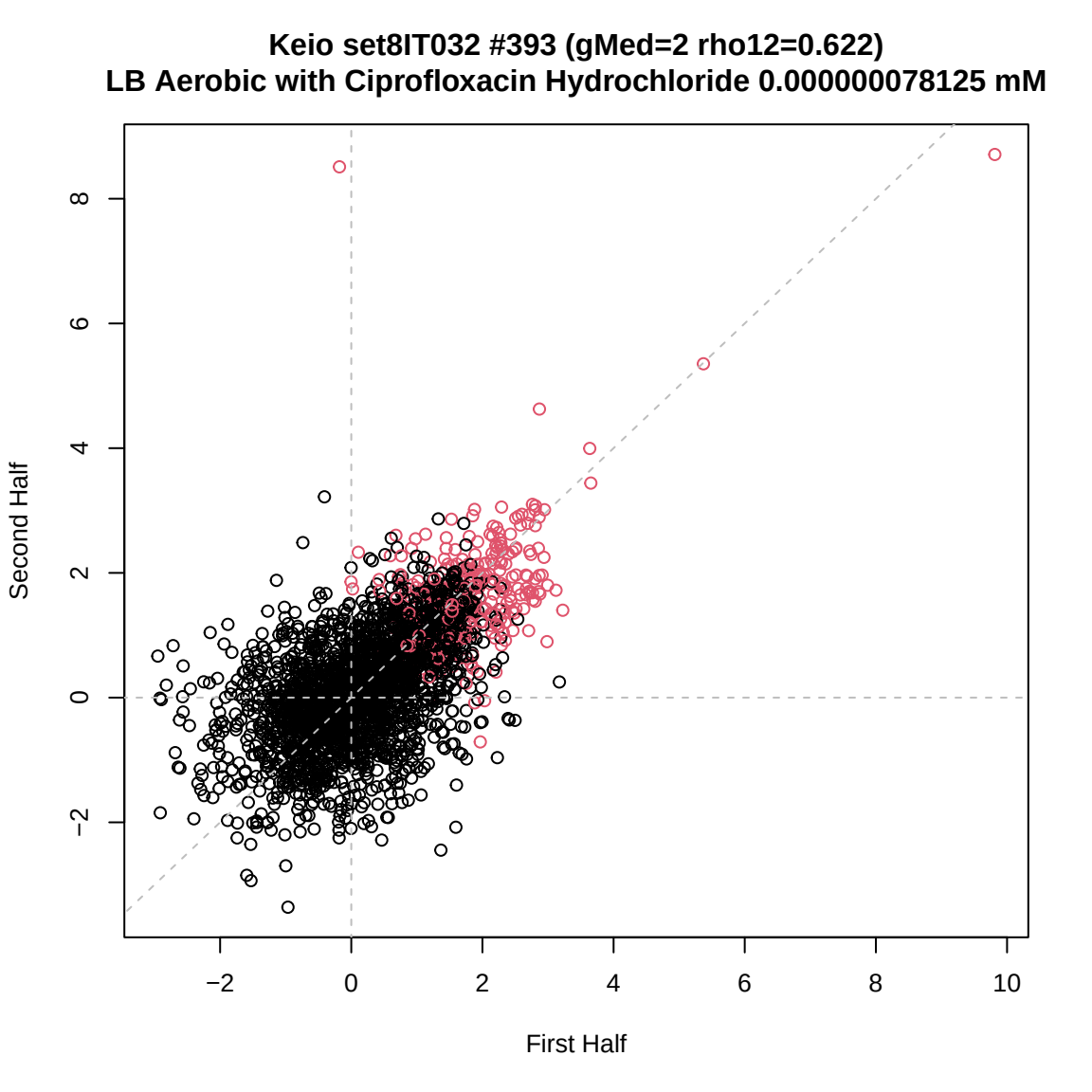

Keio set8IT027 #388 (gMed=1 rho12=0.453)
LB Aerobic with Cefoxitin 0.0000125 mM
Second Half
First Half
0
5
10
15

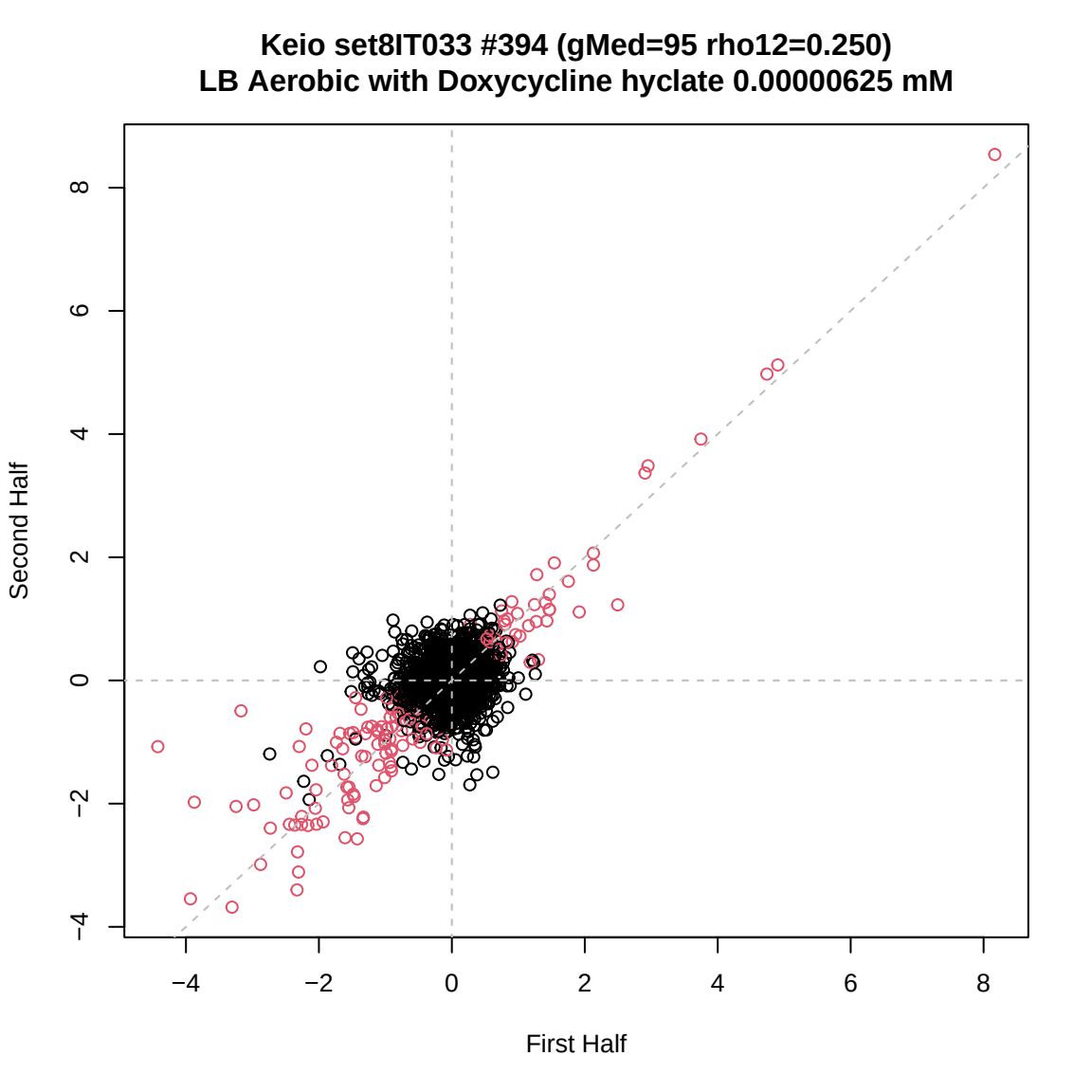

Keio set8IT028 #389 (gMed=13 rho12=0.405)
LB Aerobic with Cefoxitin 0.00000625 mM
Second Half
First Half
0
5
10
0
5
10

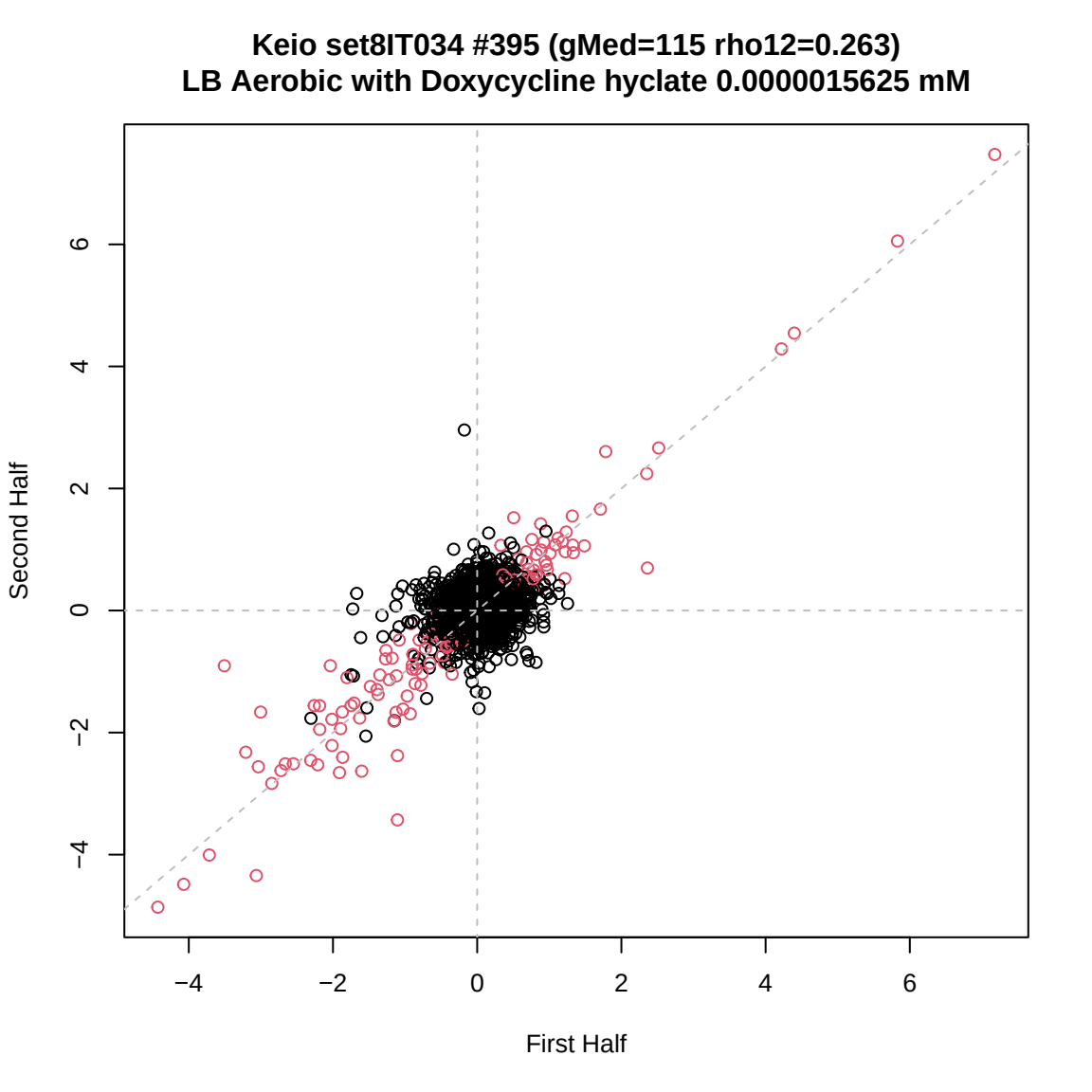

Keio set8IT029 #390 (gMed=7 rho12=0.273)
LB Aerobic with Novobiocin 0.000125 mM
Second Half
First Half
0
5
10
0
5
10

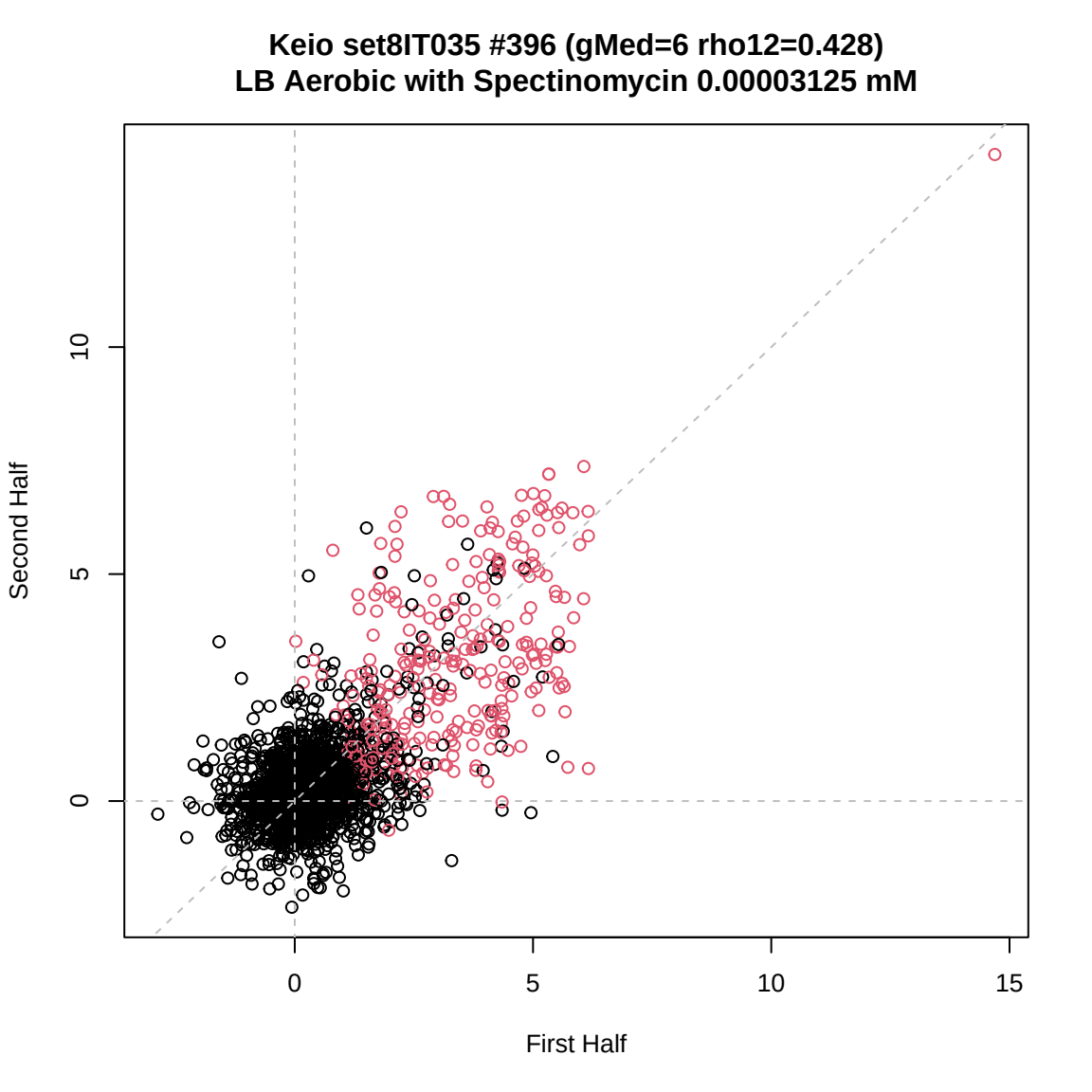

Keio set8IT030 #391 (gMed=146 rho12=0.359)
LB Aerobic with Novobiocin 0.0000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

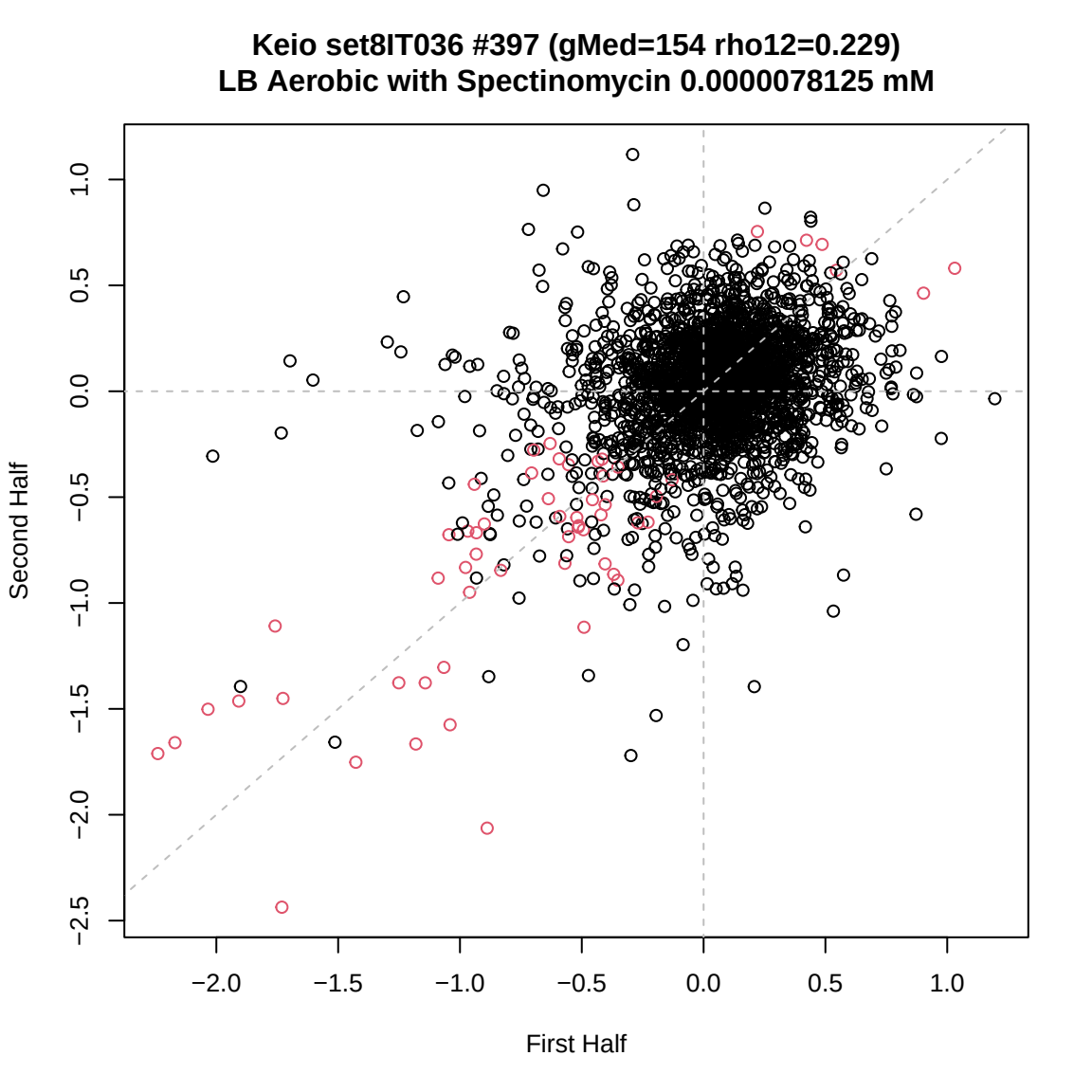

Keio set8IT031 #392 (gMed=1 rho12=0.293)
LB Aerobic with Ciprofloxacin Hydrochloride 0.00000015625 mM
Second Half
First Half
−2
0
2
4
−2
0
2
4

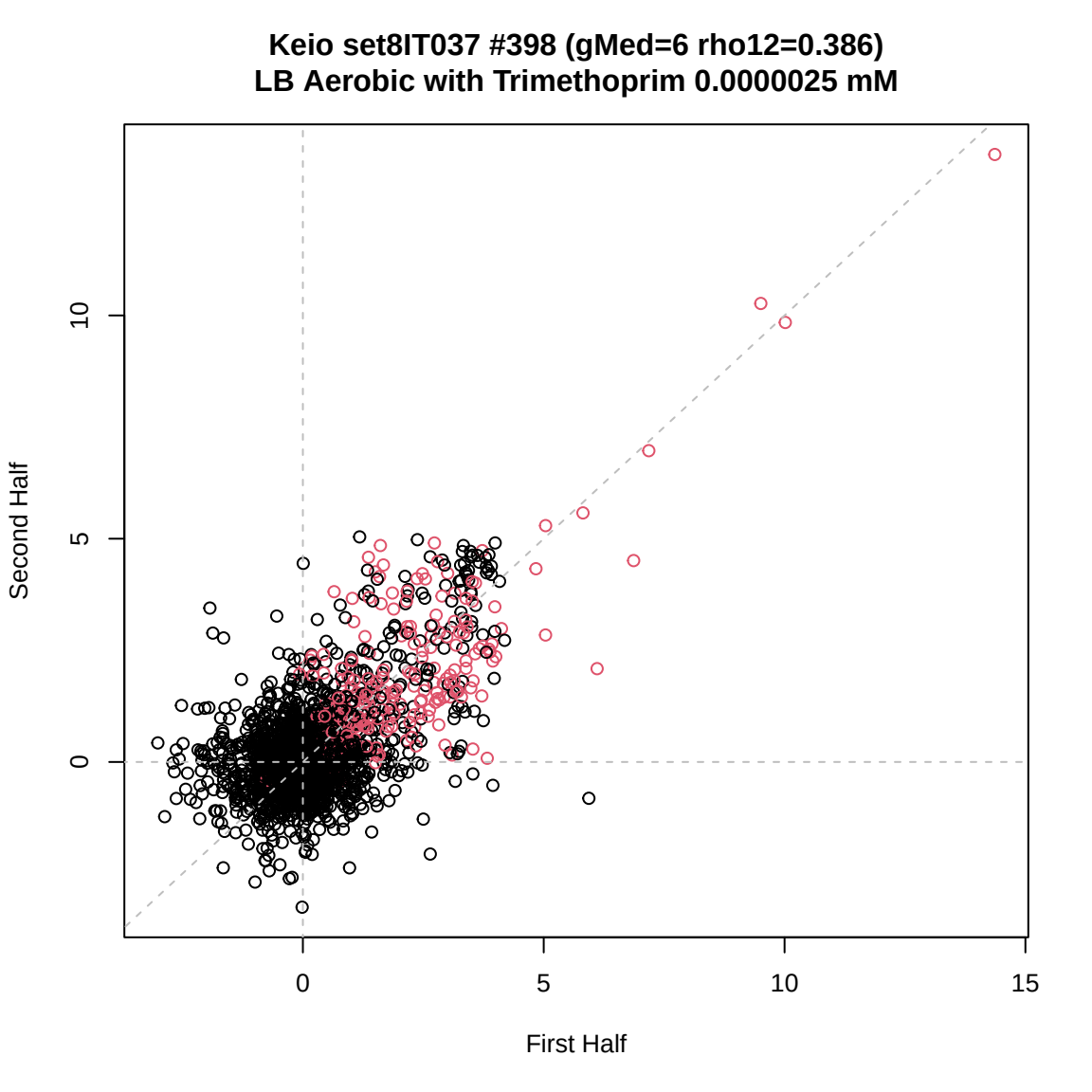

Keio set8IT032 #393 (gMed=2 rho12=0.622)
LB Aerobic with Ciprofloxacin Hydrochloride 0.000000078125 mM
Second Half
First Half
−2
0
2
4
6
8
10

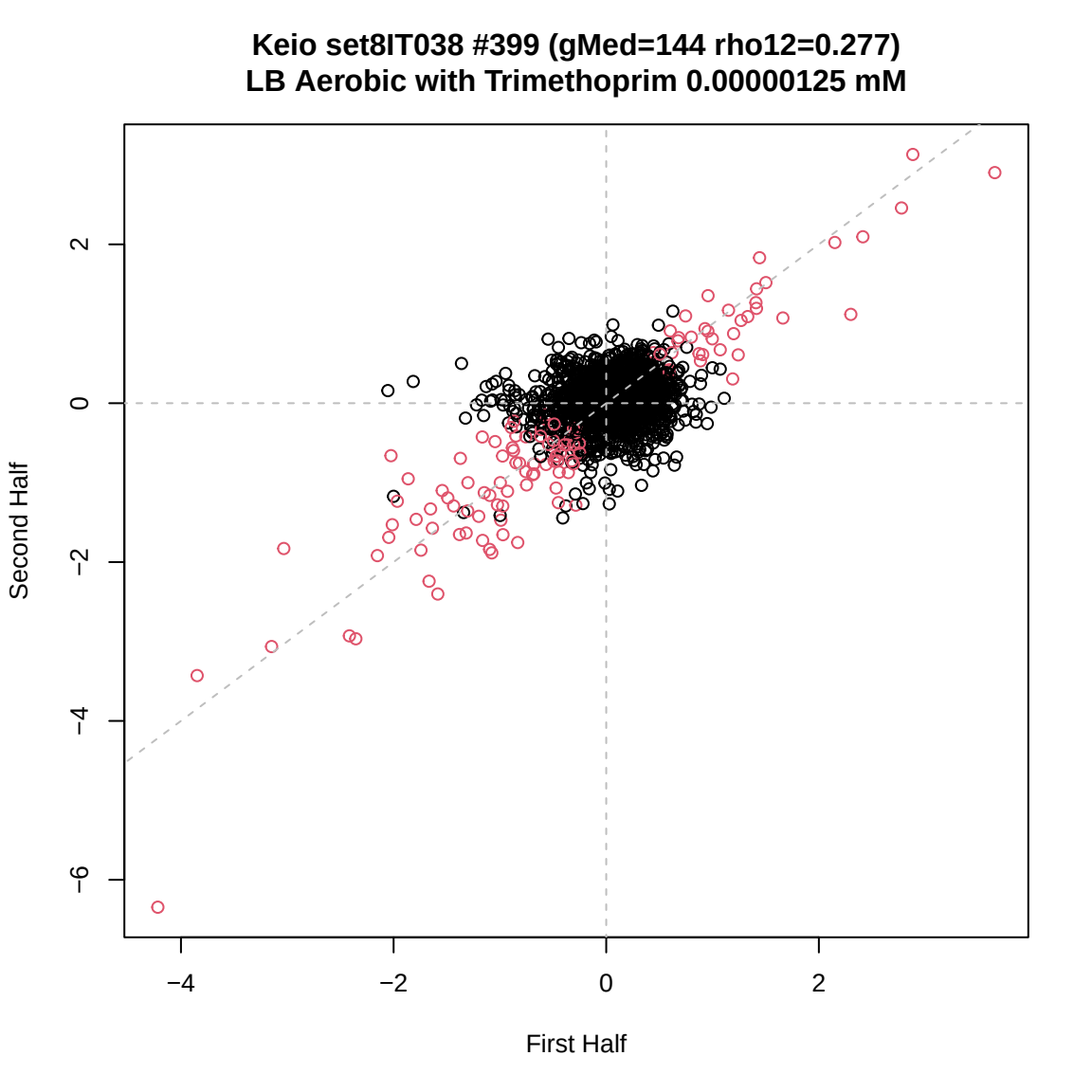

Keio set8IT033 #394 (gMed=95 rho12=0.250)
LB Aerobic with Doxycycline hyclate 0.00000625 mM
Second Half
First Half
−4
−2
0
2
4
6
8

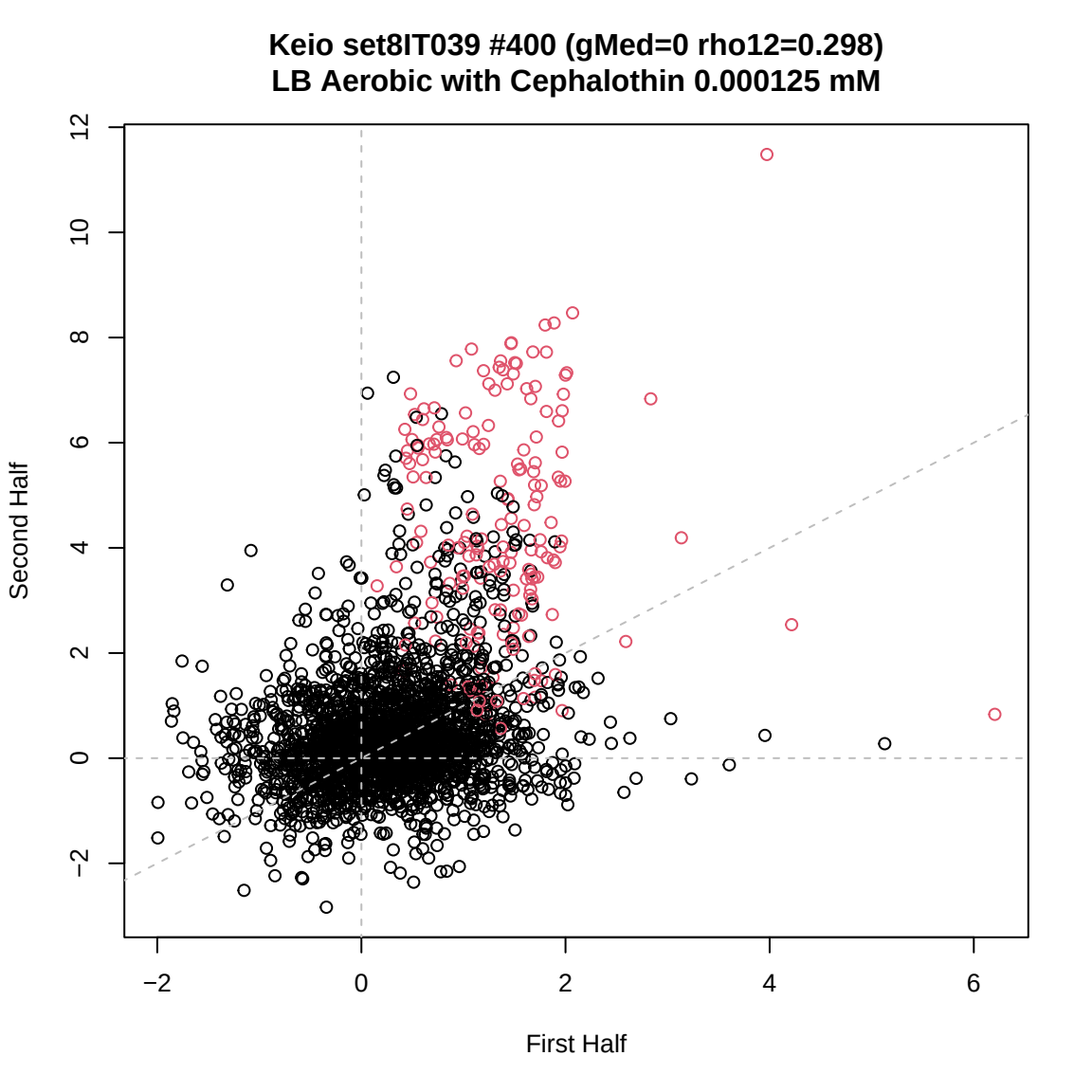

Keio set8IT034 #395 (gMed=115 rho12=0.263)
LB Aerobic with Doxycycline hyclate 0.0000015625 mM
Second Half
First Half
−4
−2
0
2
4
6

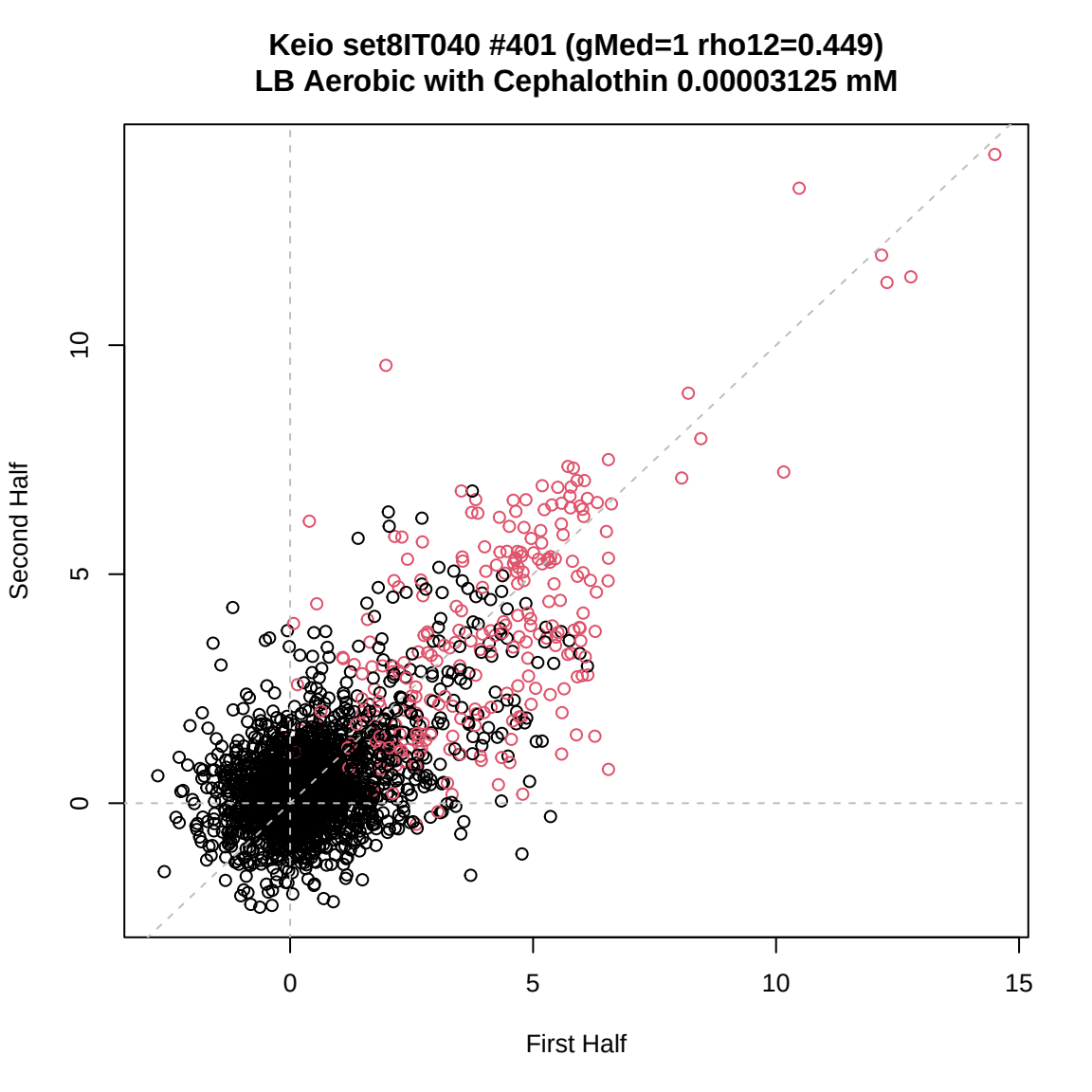

Keio set8IT035 #396 (gMed=6 rho12=0.428)
LB Aerobic with Spectinomycin 0.00003125 mM
Second Half
First Half
0
5
10
15
0
5
10

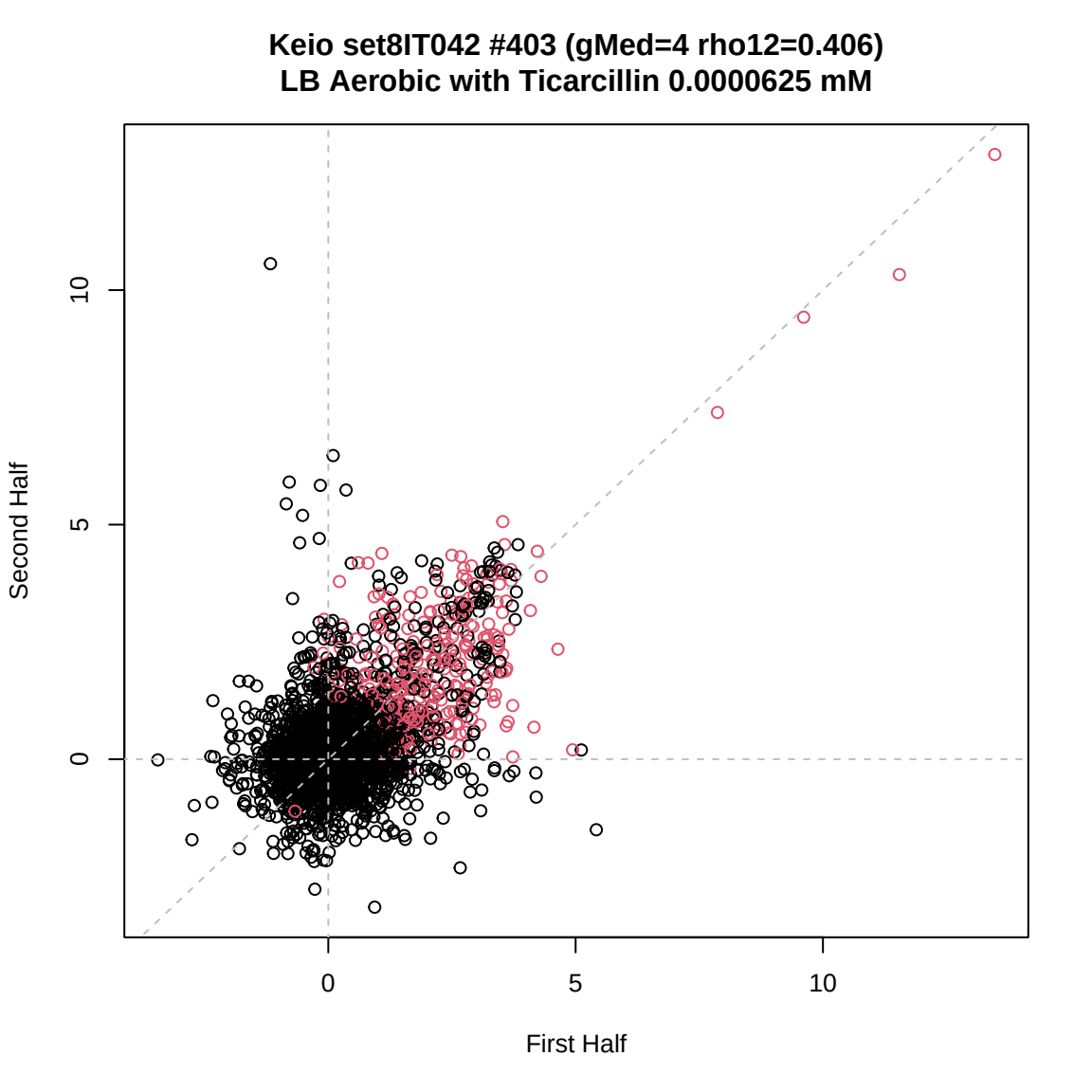

Keio set8IT036 #397 (gMed=154 rho12=0.229)
LB Aerobic with Spectinomycin 0.0000078125 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

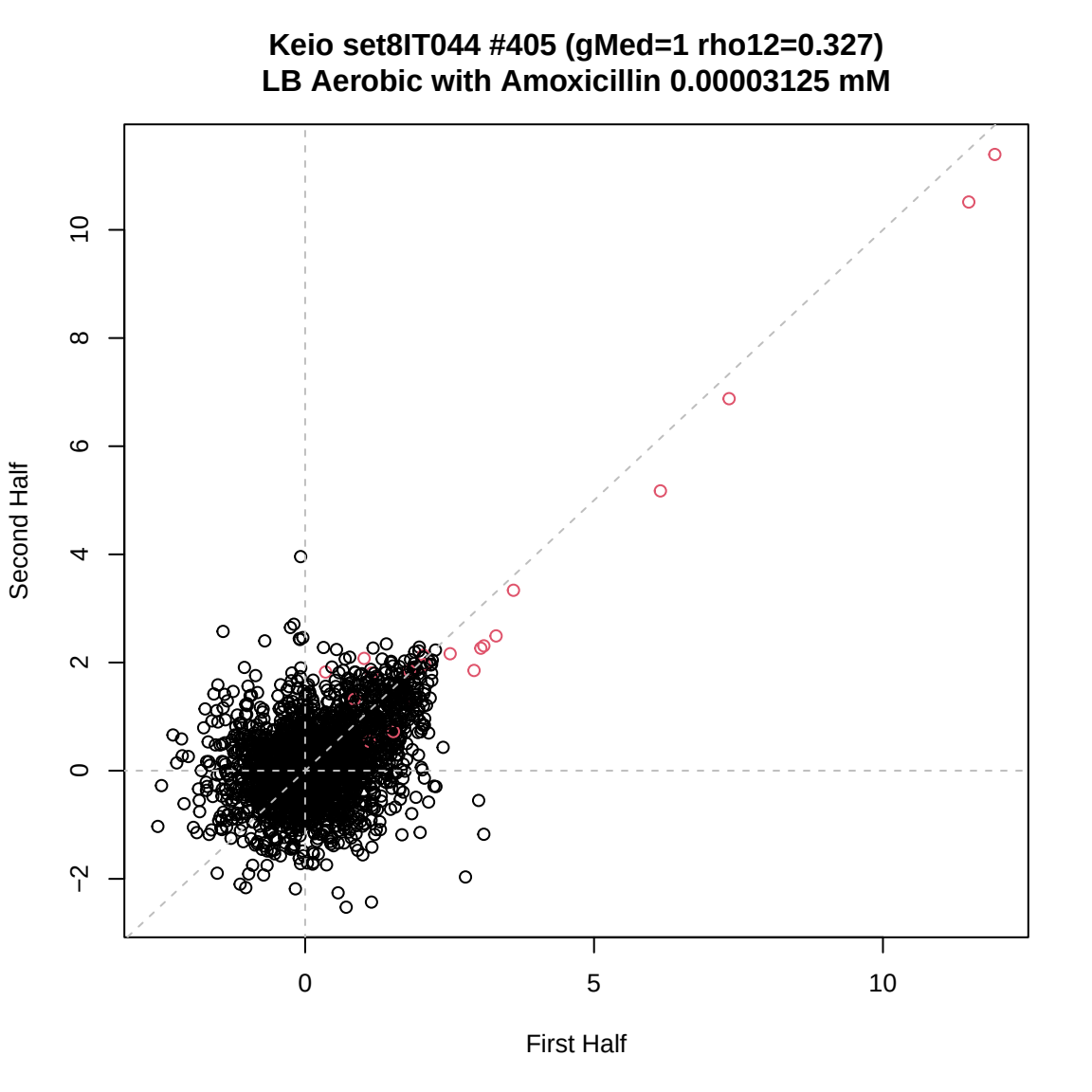

Keio set8IT037 #398 (gMed=6 rho12=0.386)
LB Aerobic with Trimethoprim 0.0000025 mM
Second Half
First Half
0
5
10
15
0
5
10

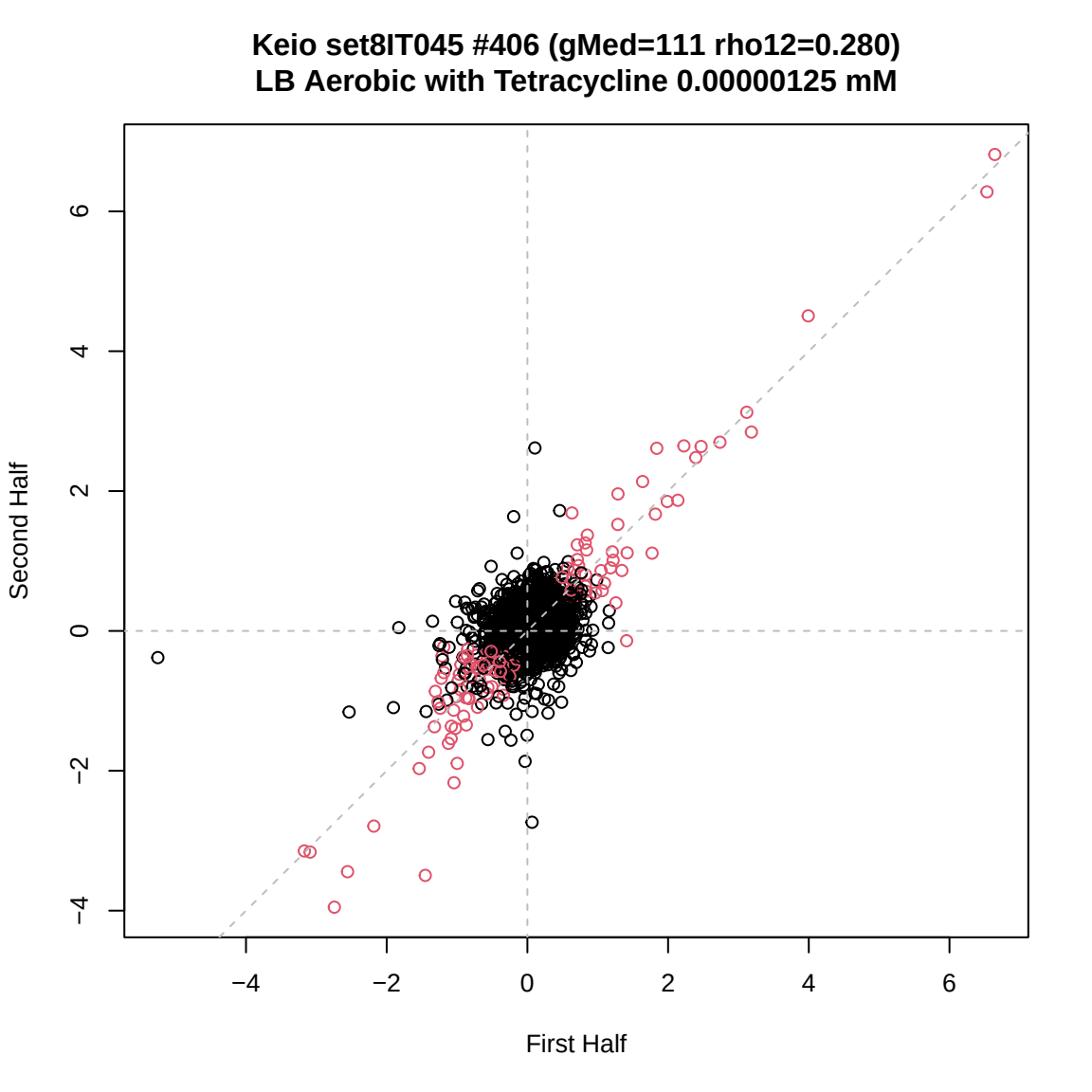

Keio set8IT038 #399 (gMed=144 rho12=0.277)
LB Aerobic with Trimethoprim 0.00000125 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

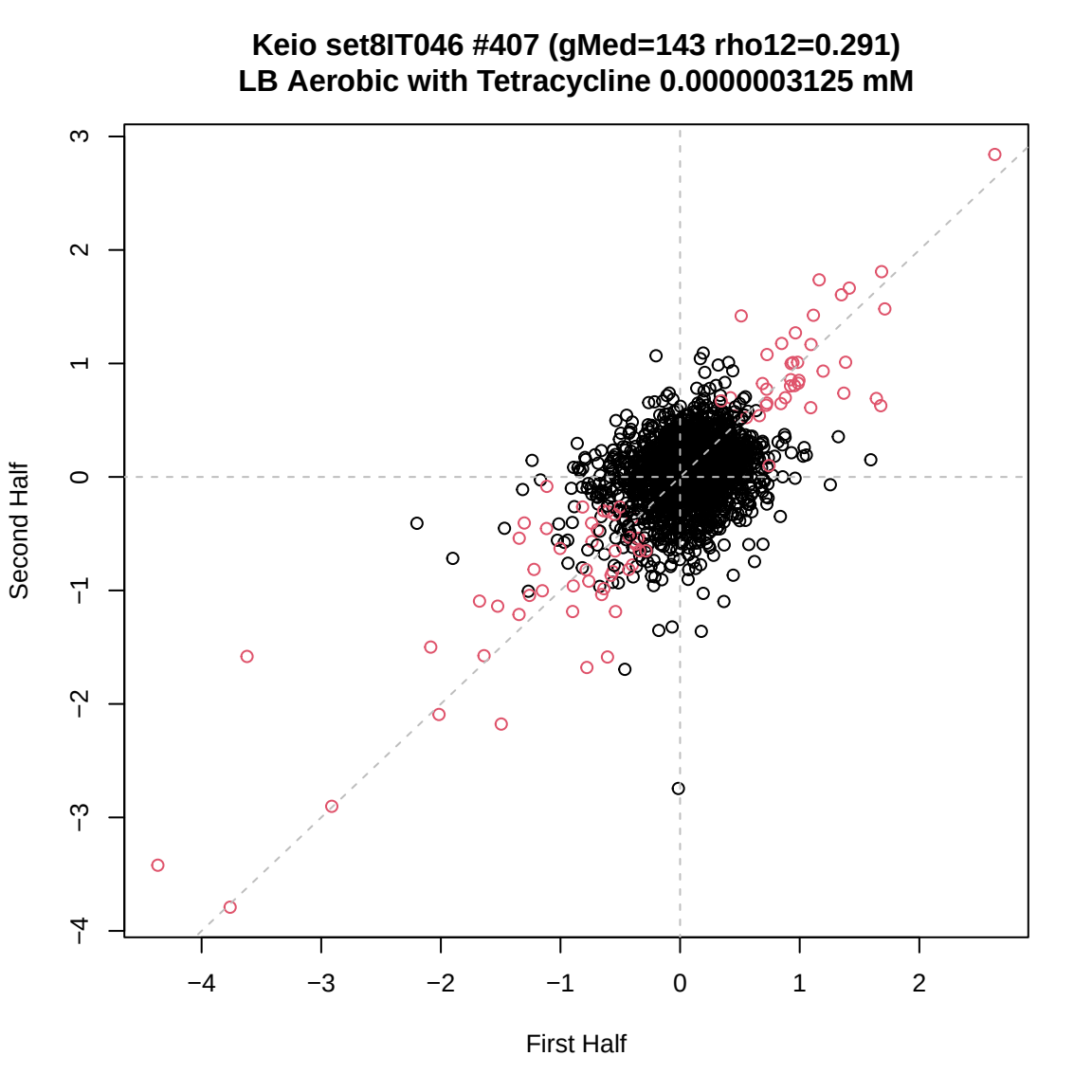

Keio set8IT039 #400 (gMed=0 rho12=0.298)
LB Aerobic with Cephalothin 0.000125 mM
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6

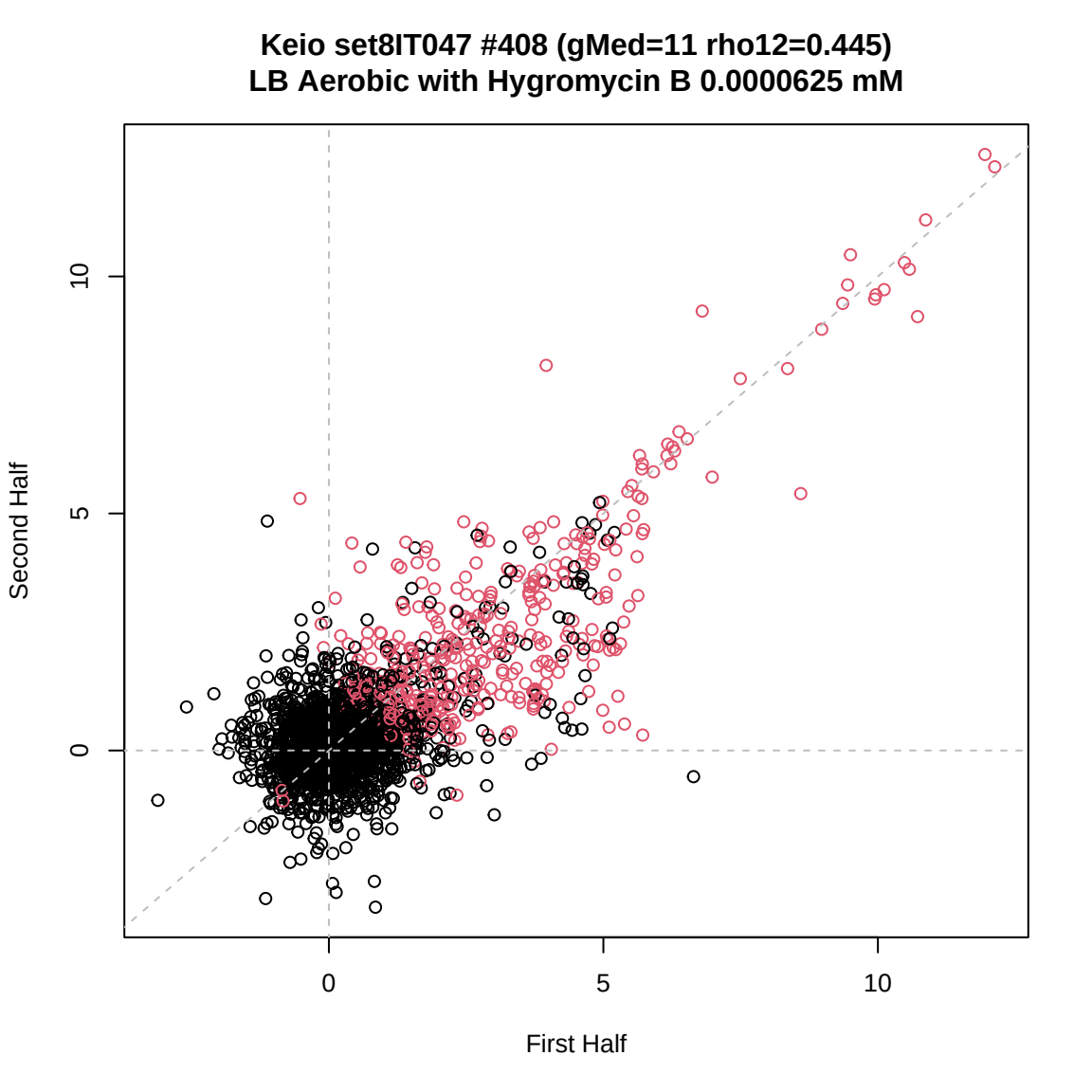

Keio set8IT040 #401 (gMed=1 rho12=0.449)
LB Aerobic with Cephalothin 0.00003125 mM
Second Half
First Half
0
5
10
15
0
5
10

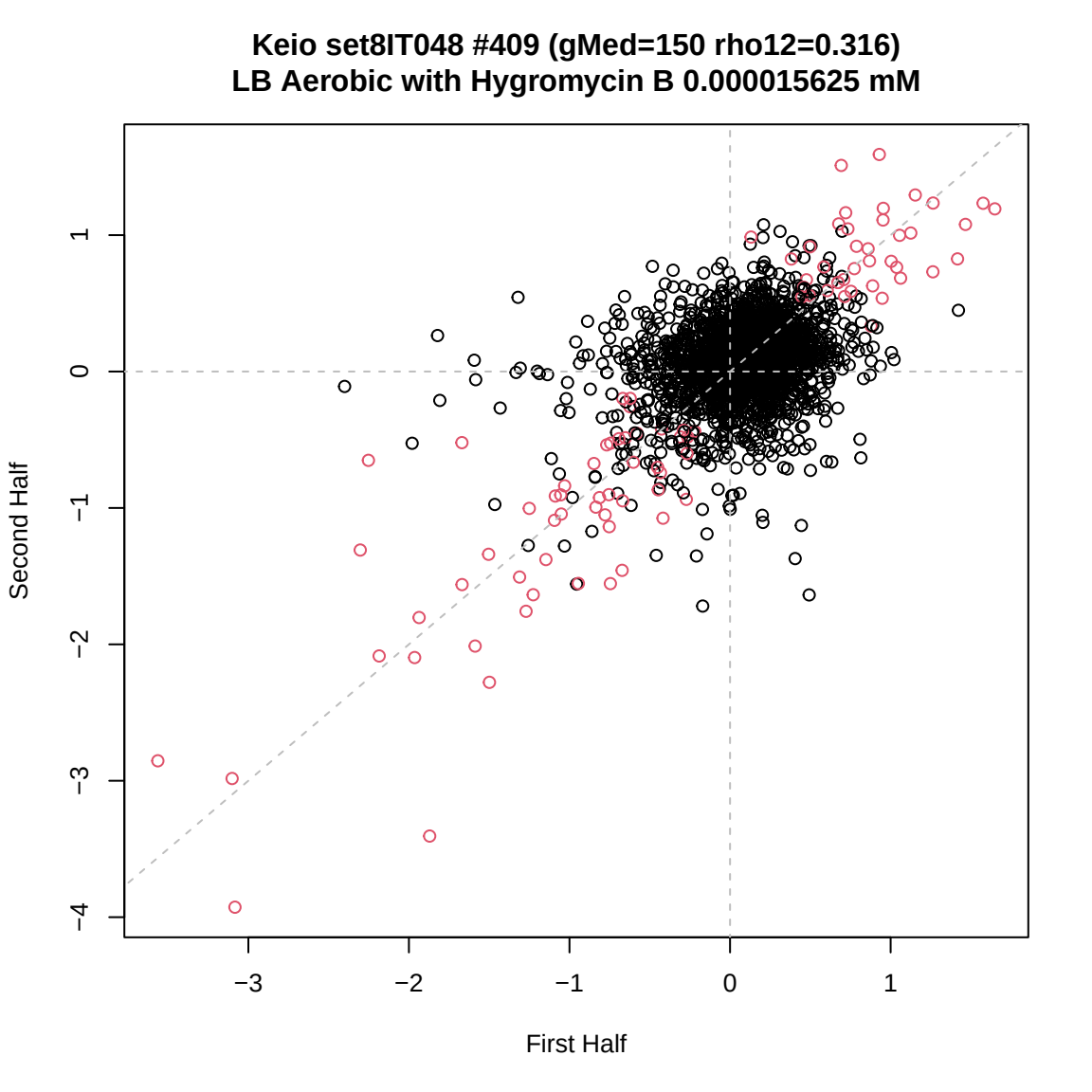

Keio set8IT042 #403 (gMed=4 rho12=0.406)
LB Aerobic with Ticarcillin 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

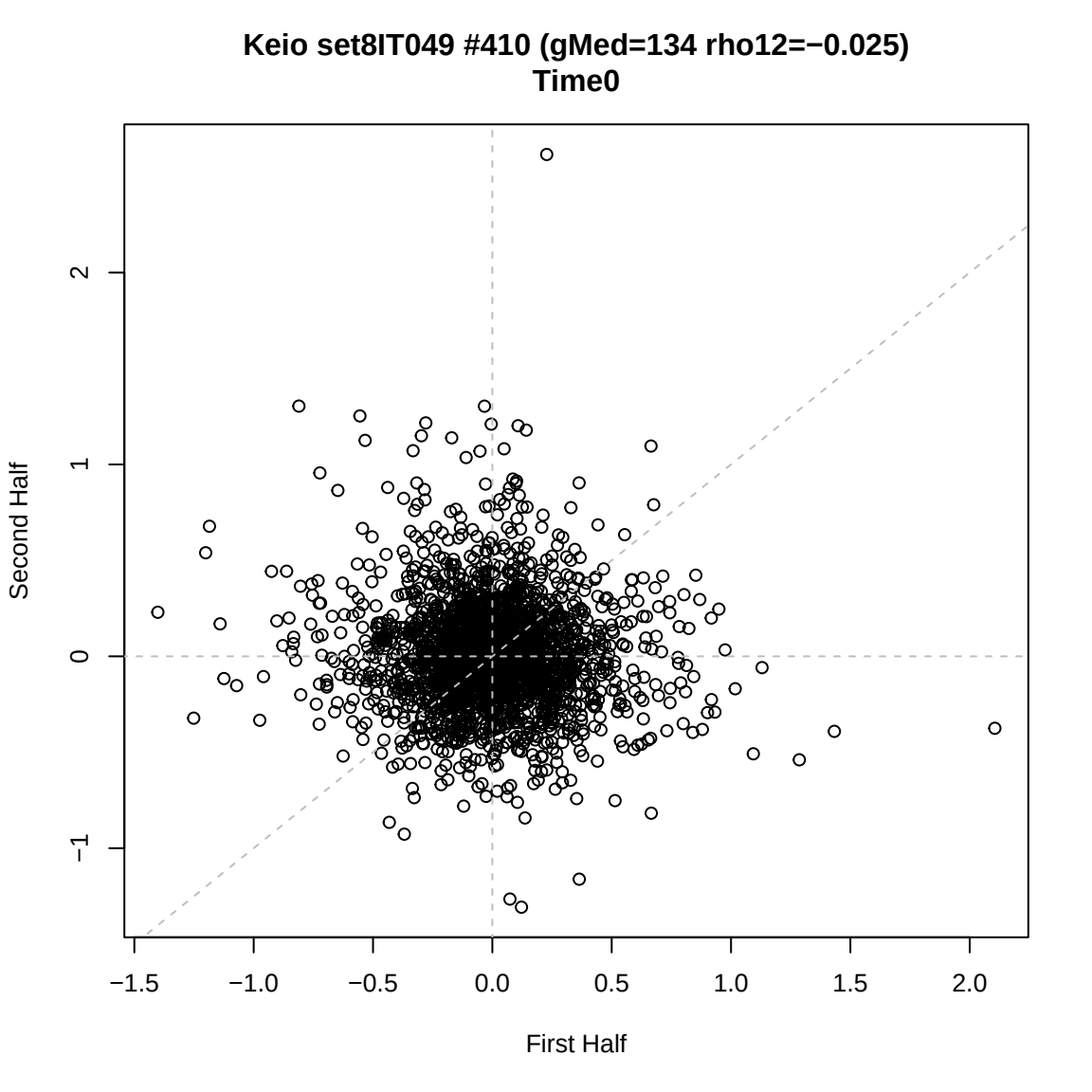

Keio set8IT044 #405 (gMed=1 rho12=0.327)
LB Aerobic with Amoxicillin 0.00003125 mM
Second Half
First Half
−2
0
2
4
6
8
10
0
5
10

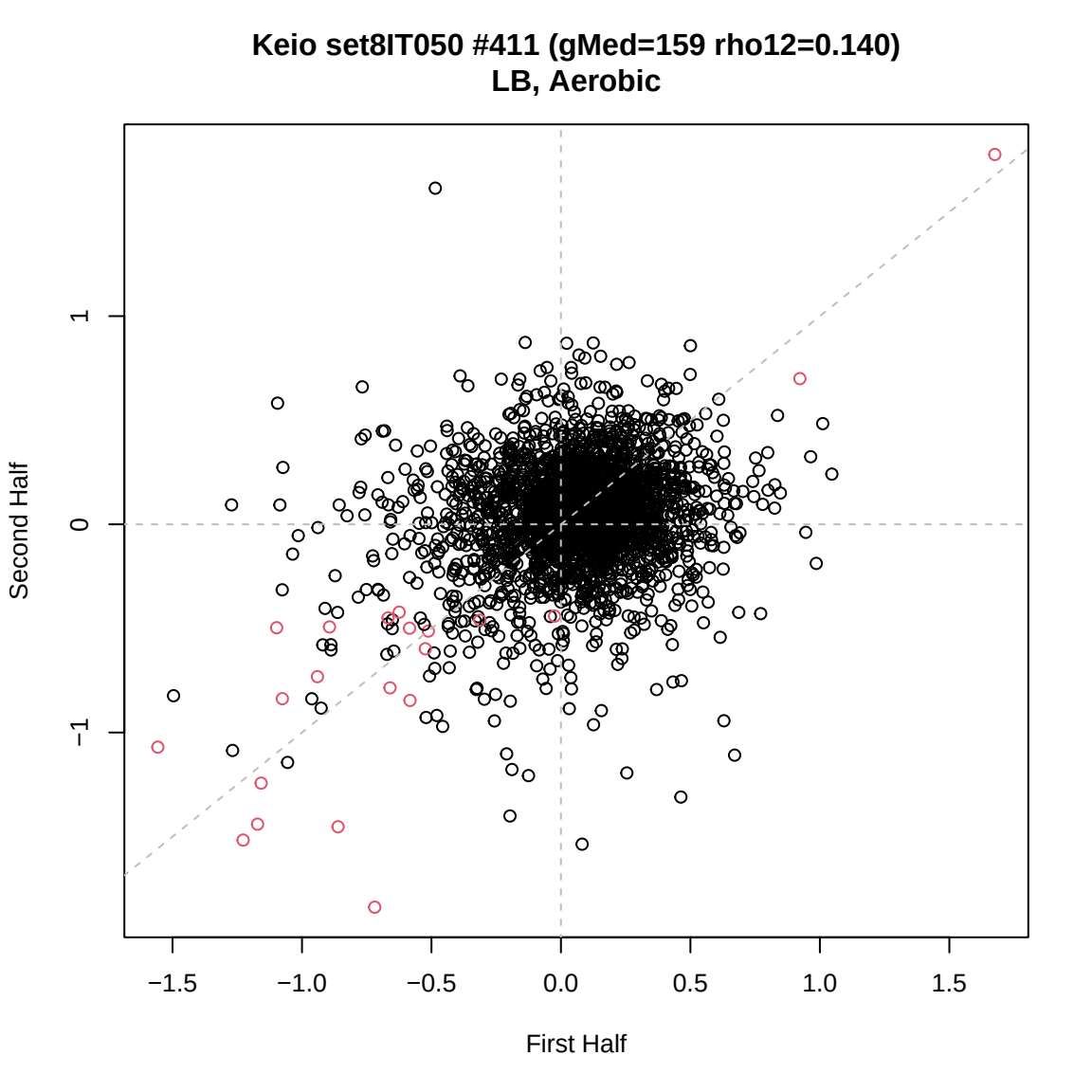

Keio set8lT045 #406 (gMed=111 rho12=0.280)
LB Aerobic with Tetracycline 0.00000125 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

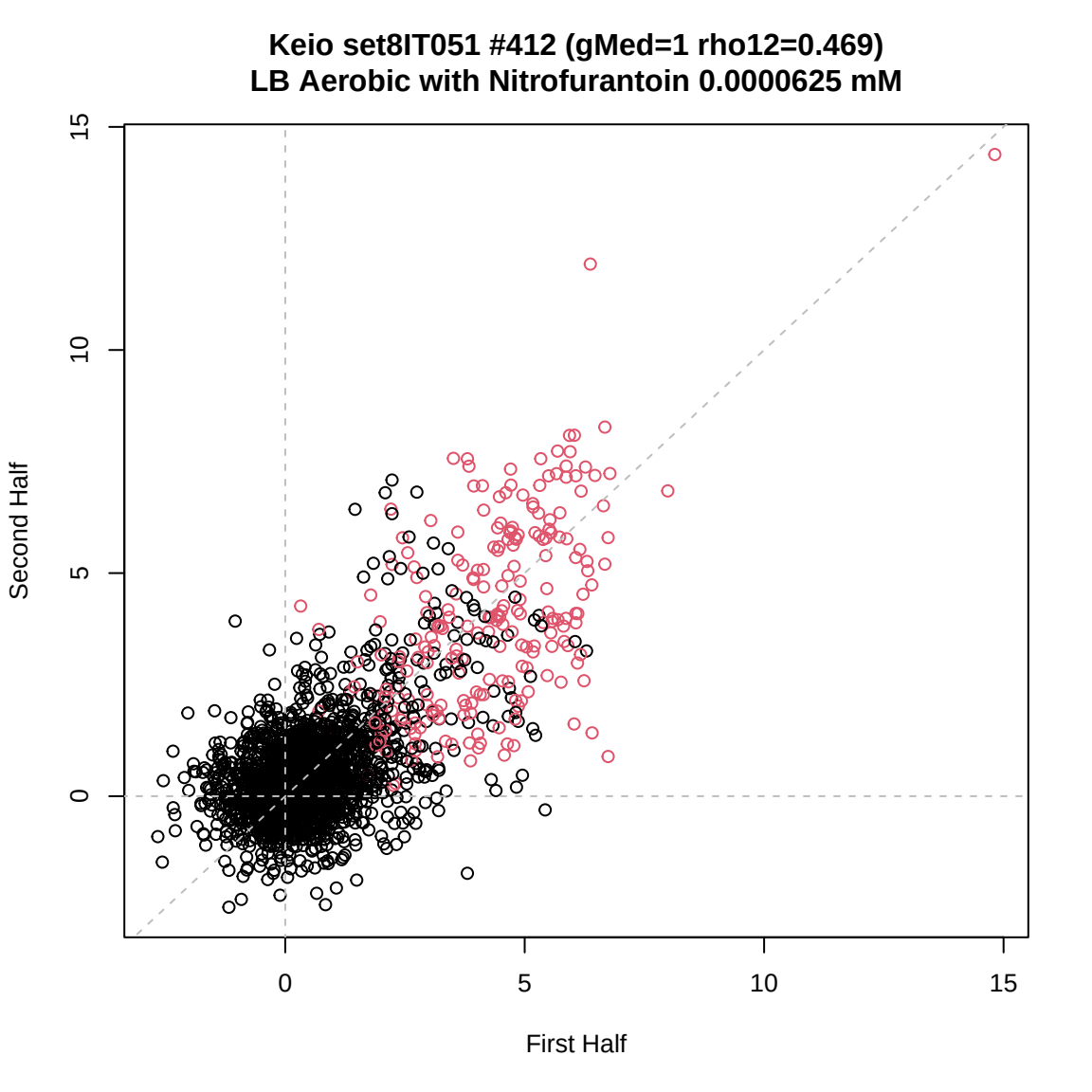

Keio set8IT046 #407 (gMed=143 rho12=0.291)
LB Aerobic with Tetracycline 0.0000003125 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

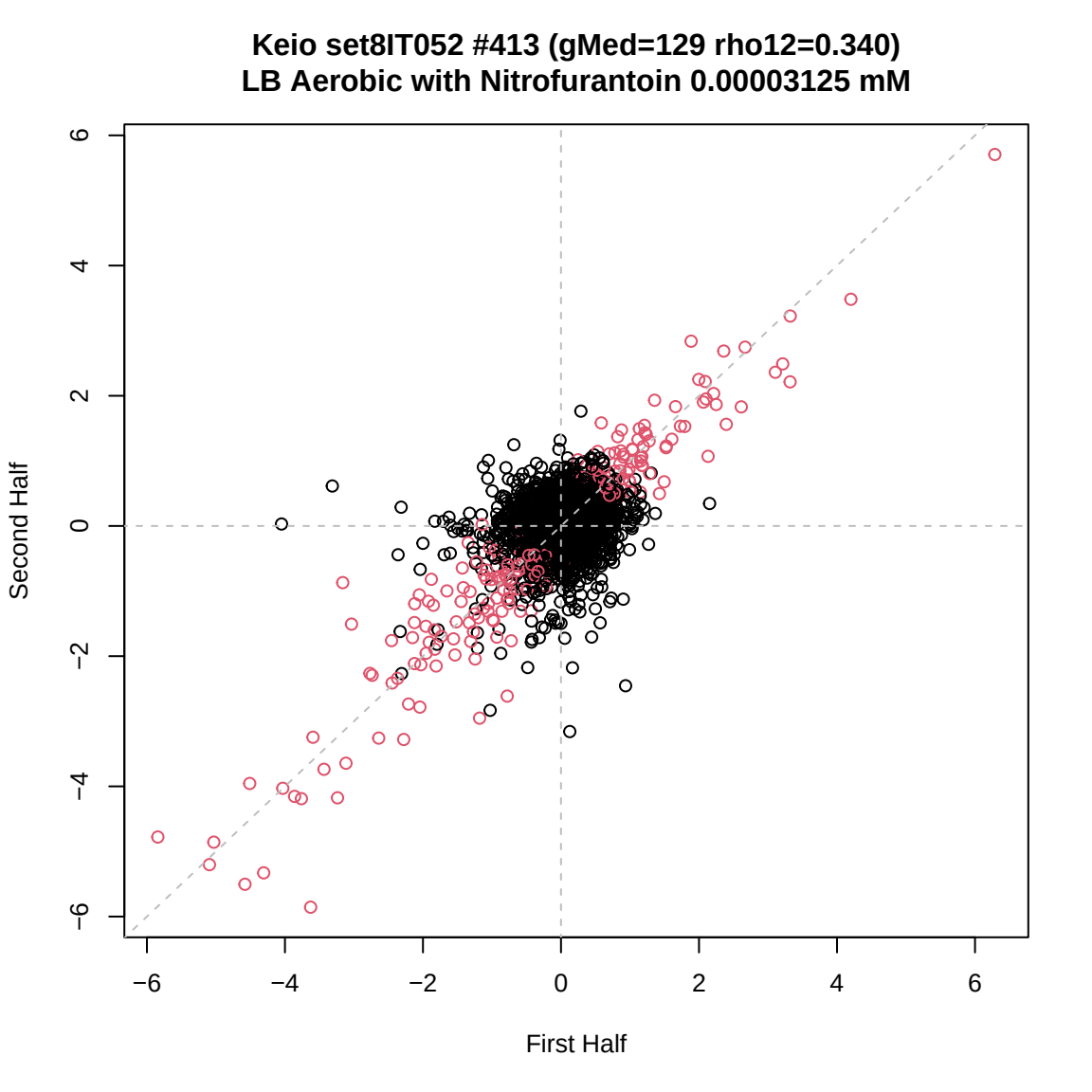

Keio set8IT047 #408 (gMed=11 rho12=0.445)
LB Aerobic with Hygromycin B 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

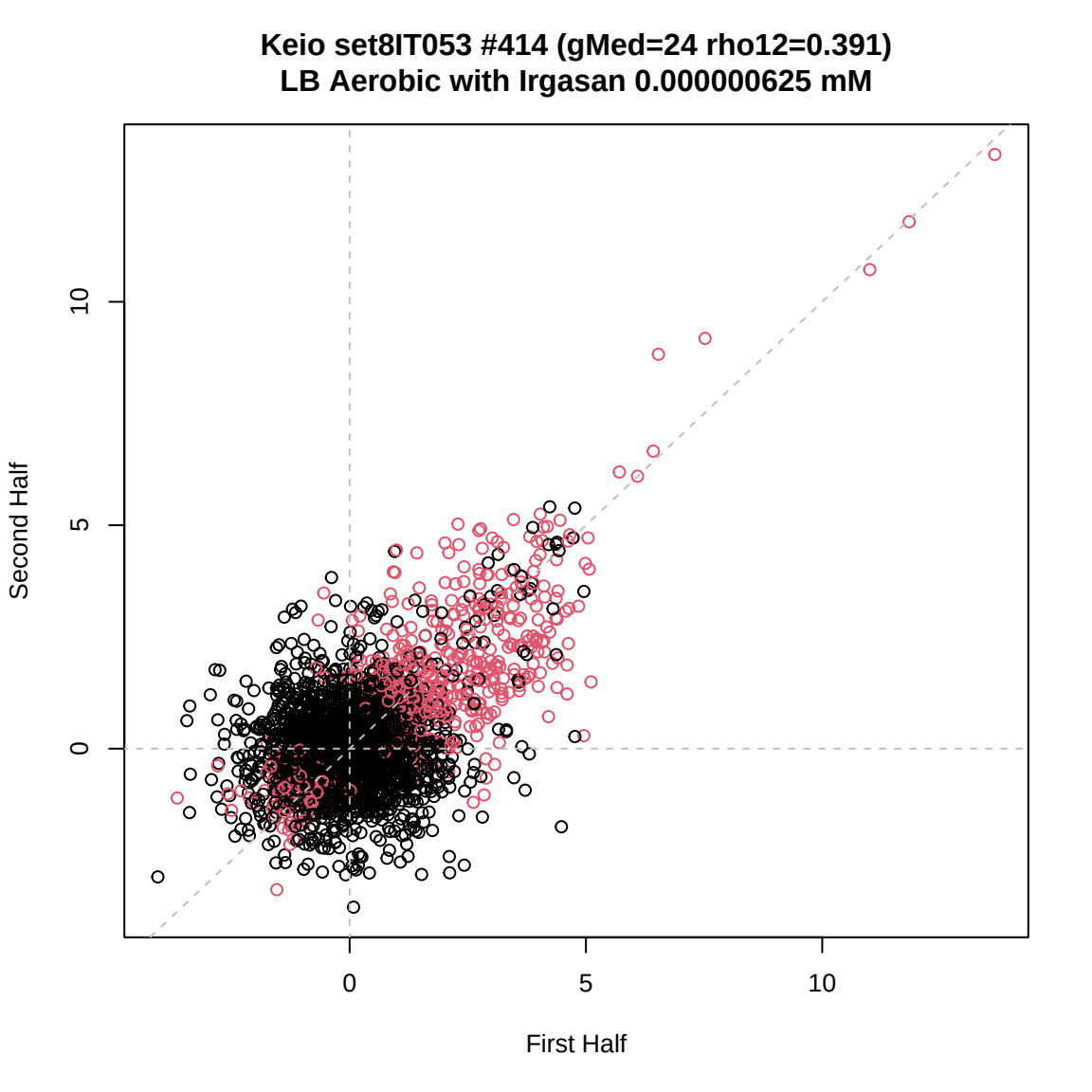

Keio set8lT048 #409 (gMed=150 rho12=0.316)
LB Aerobic with Hygromycin B 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

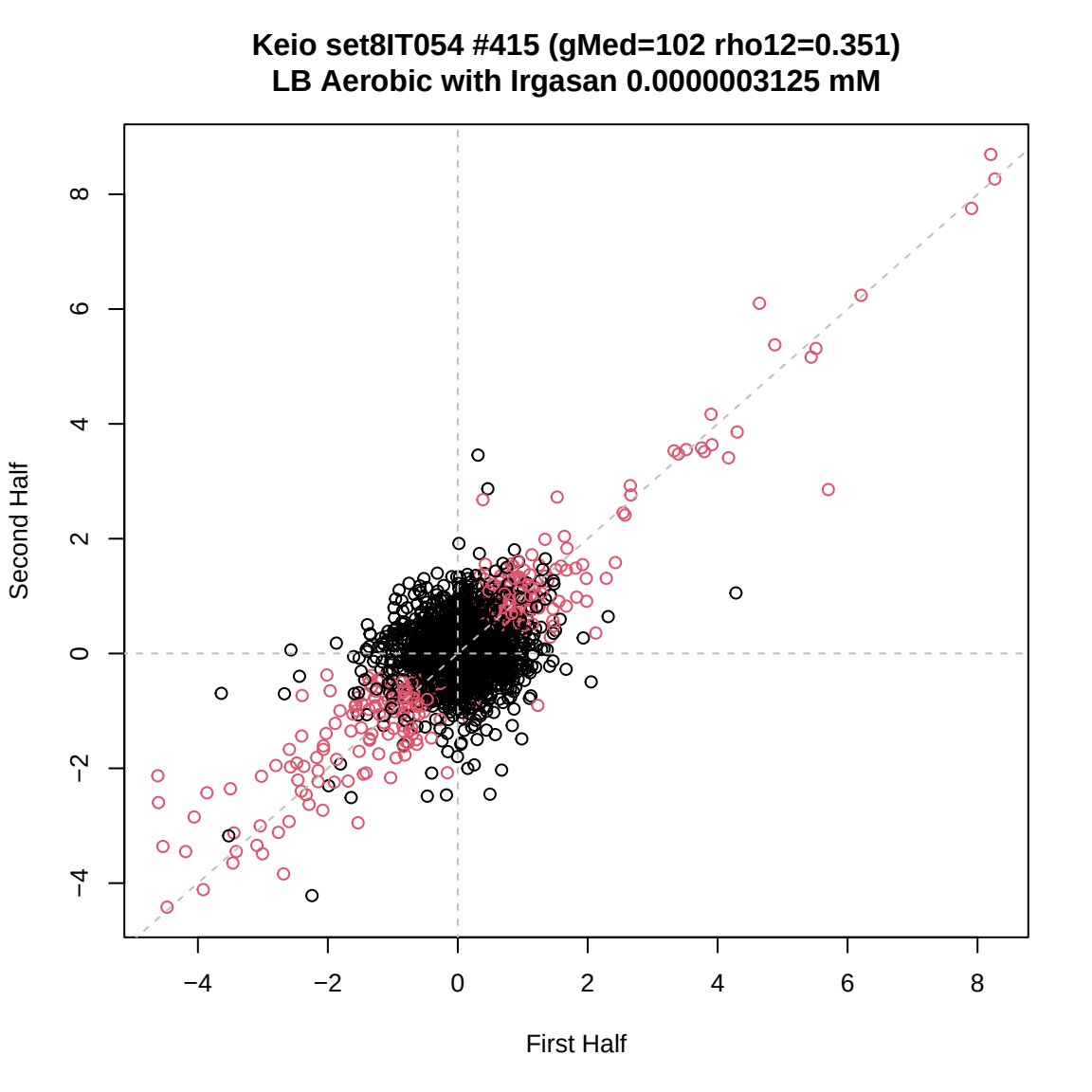

Keio set8IT049 #410 (gMed=134 rho12=−0.025)
Time0
Second Half
First Half
2
1
0
−1
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

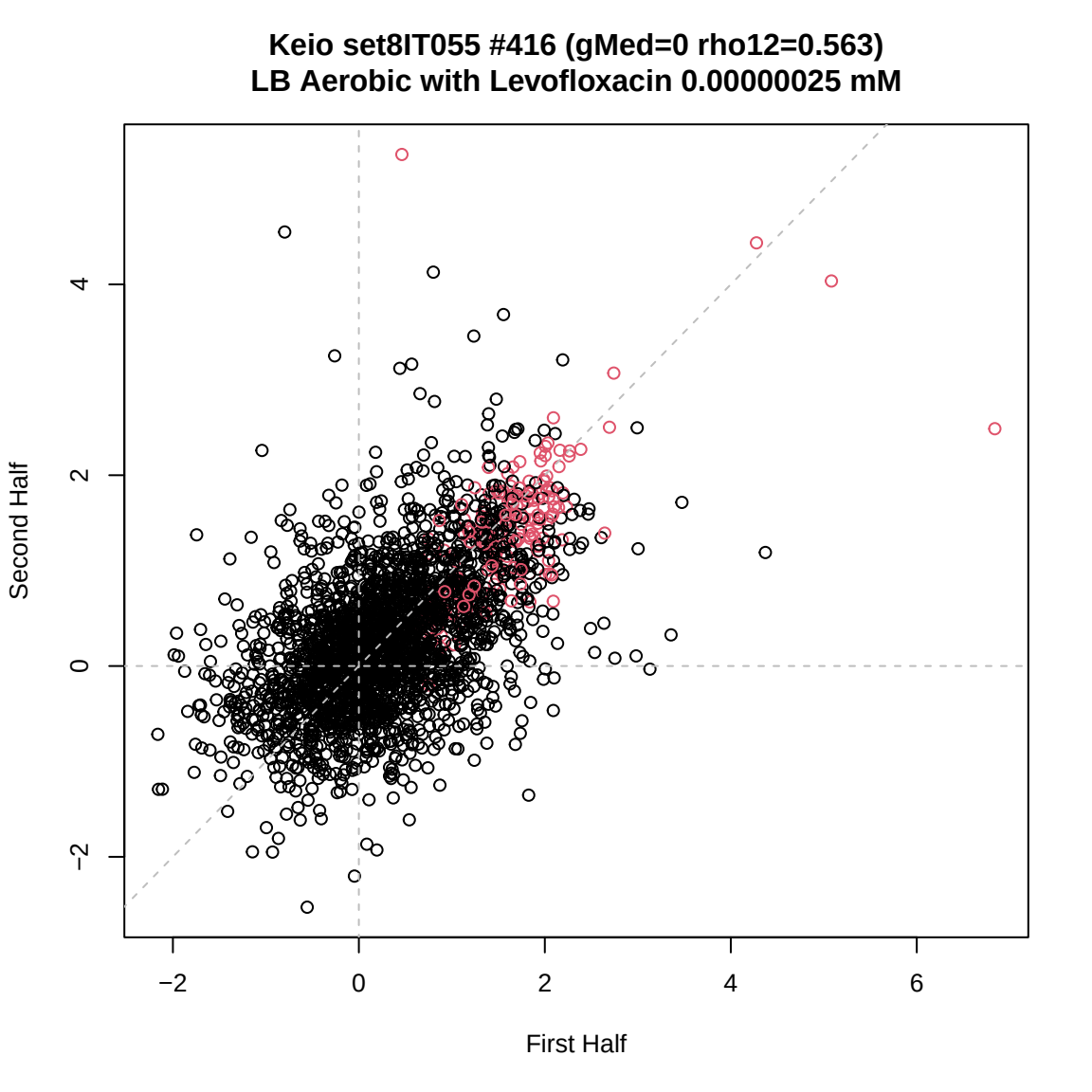

Keio set8IT050 #411 (gMed=159 rho12=0.140)
LB, Aerobic
Second Half
First Half
1
0
−1
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

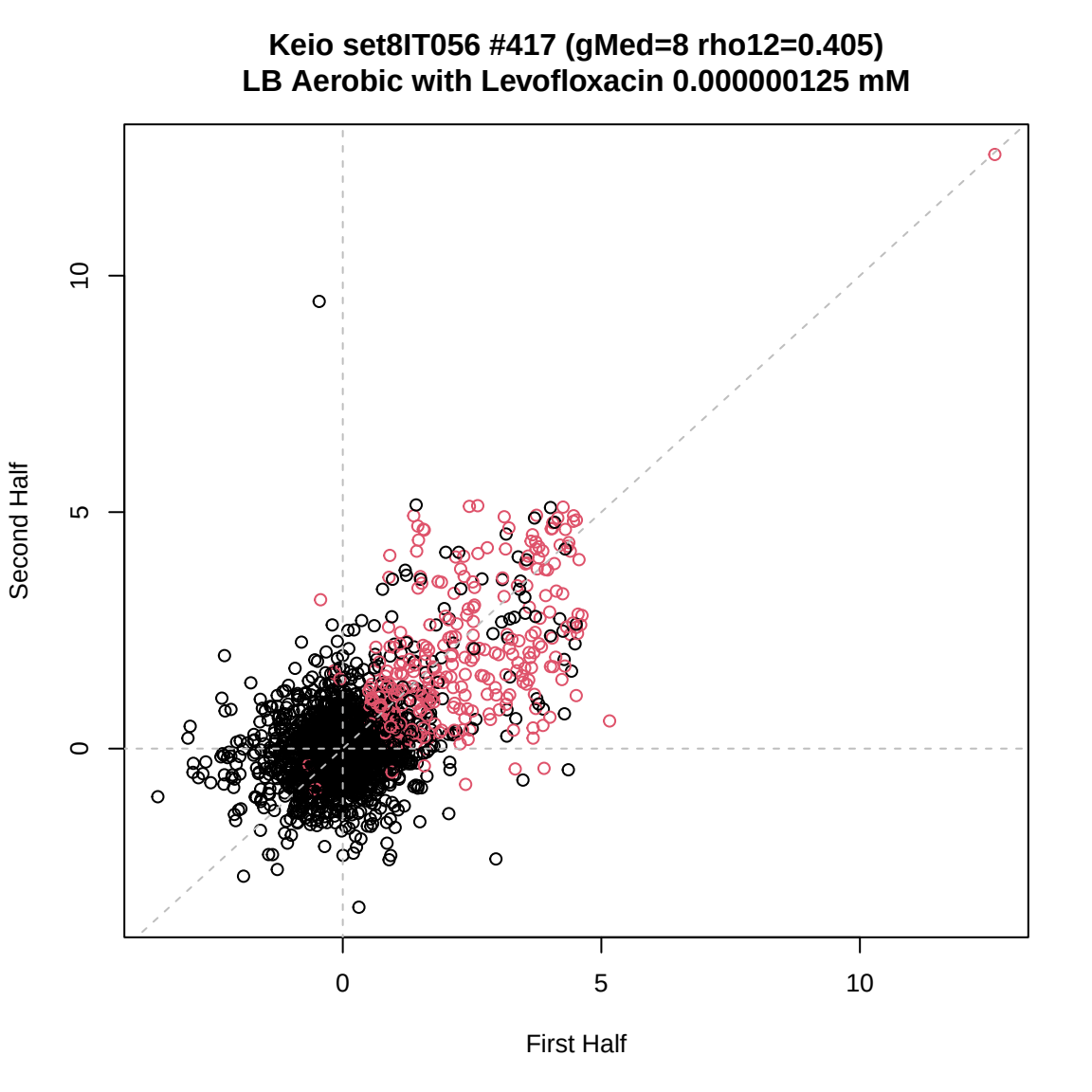

Keio set8IT051 #412 (gMed=1 rho12=0.469)
LB Aerobic with Nitrofurantoin 0.0000625 mM
Second Half
First Half
0
5
10
15

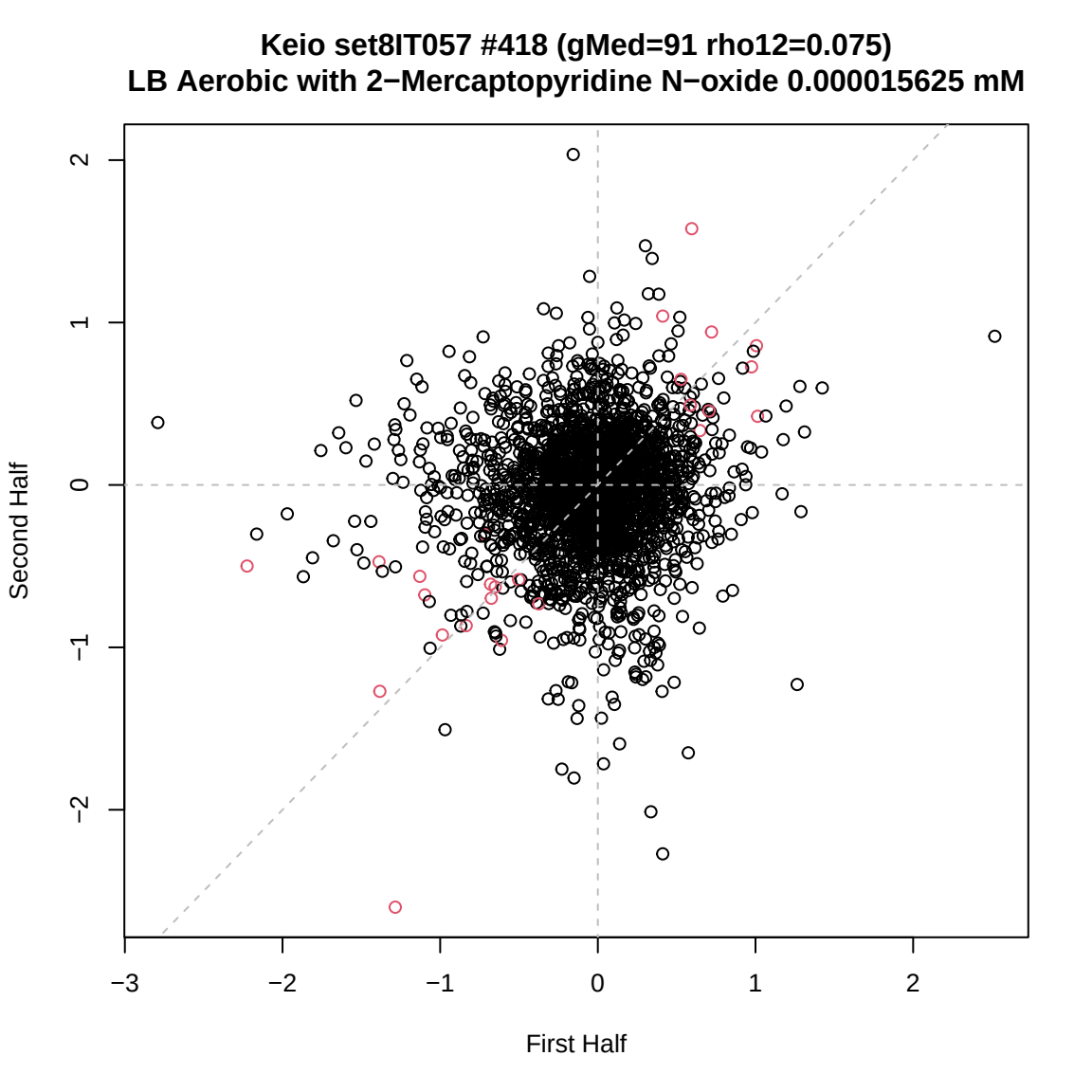

Keio set8IT052 #413 (gMed=129 rho12=0.340)
LB Aerobic with Nitrofurantoin 0.00003125 mM
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

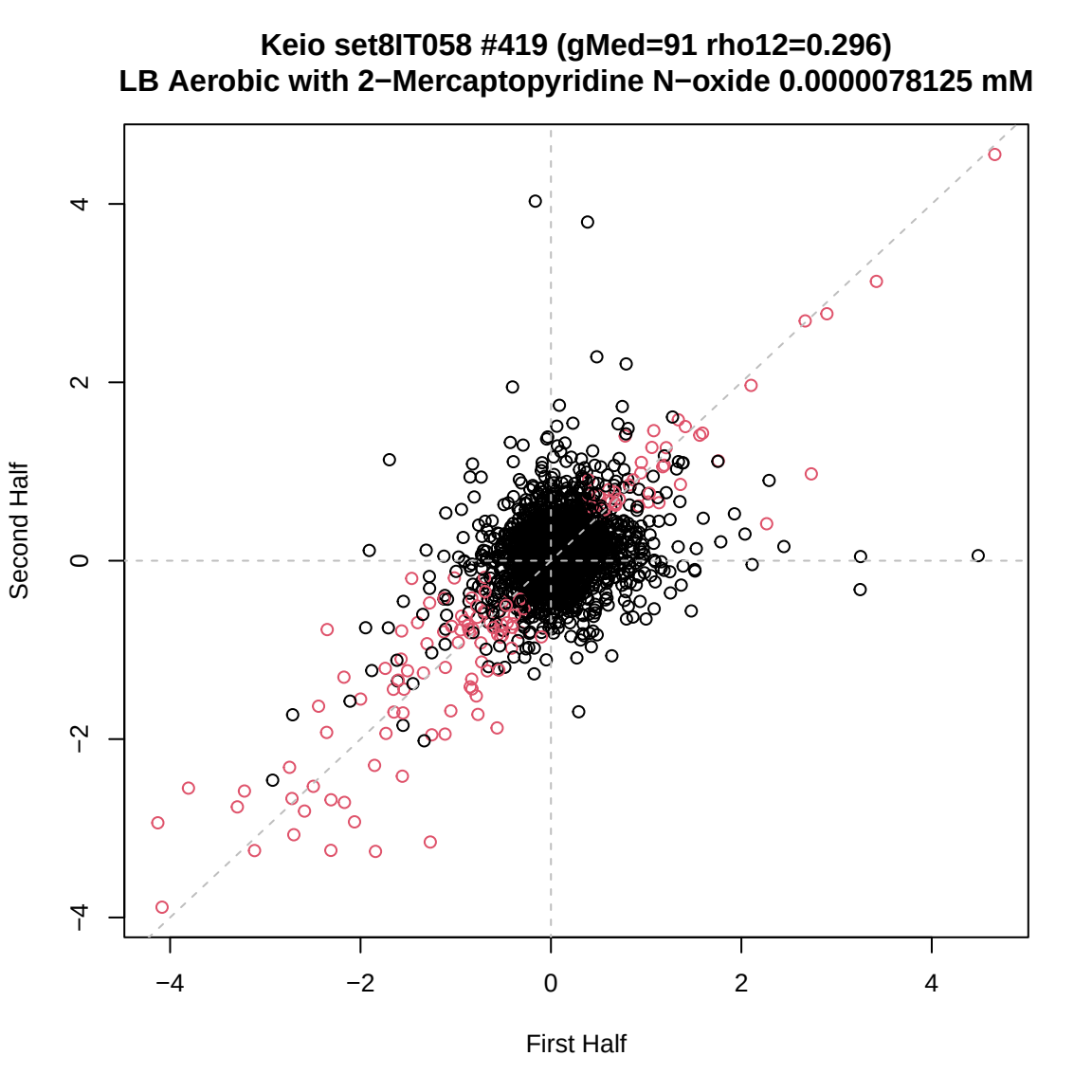

Keio set8IT053 #414 (gMed=24 rho12=0.391)
LB Aerobic with Irgasan 0.000000625 mM
Second Half
First Half
0
5
10
0
5
10

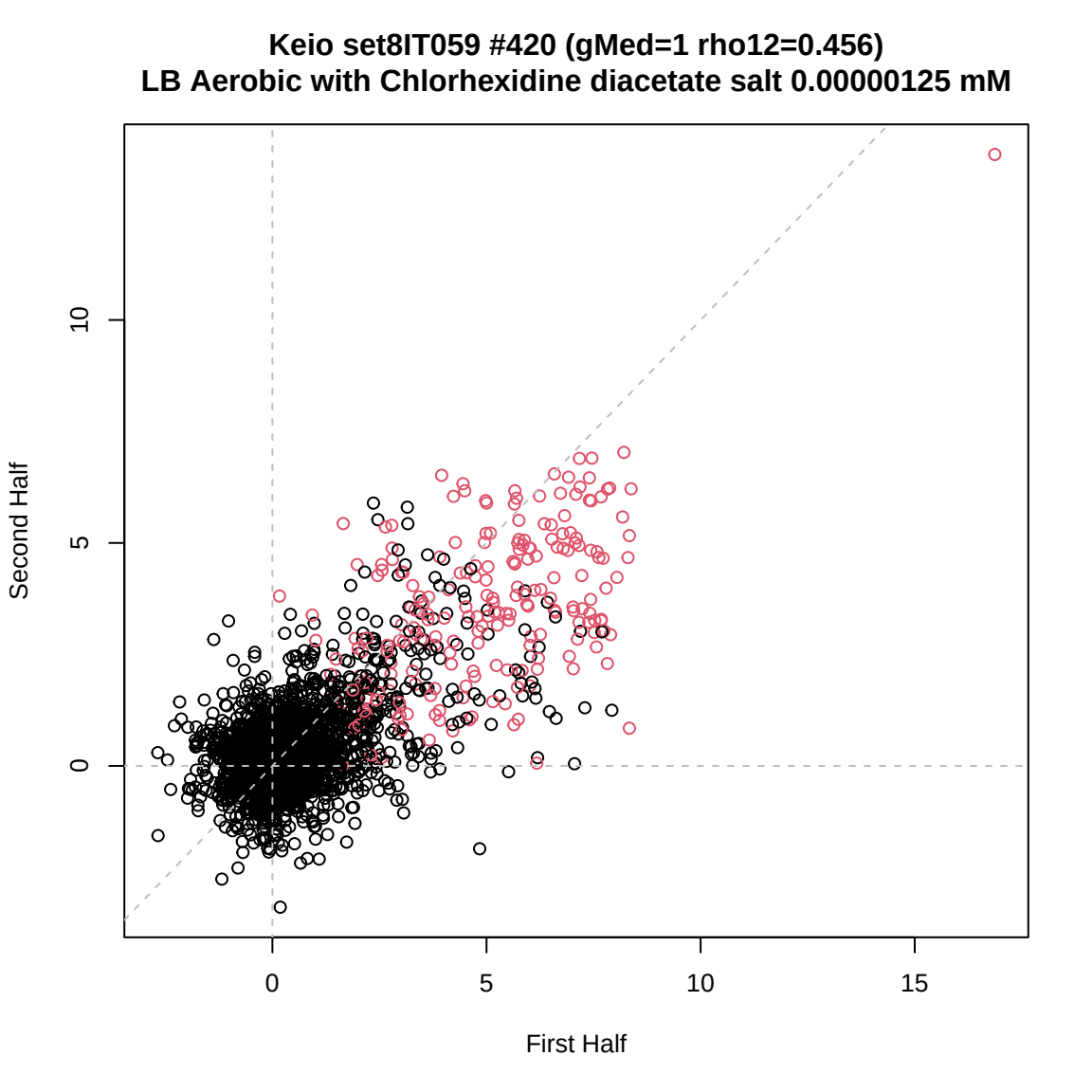

Keio set8IT054 #415 (gMed=102 rho12=0.351)
LB Aerobic with Irgasan 0.0000003125 mM
Second Half
First Half
−4
−2
0
2
4
6
8

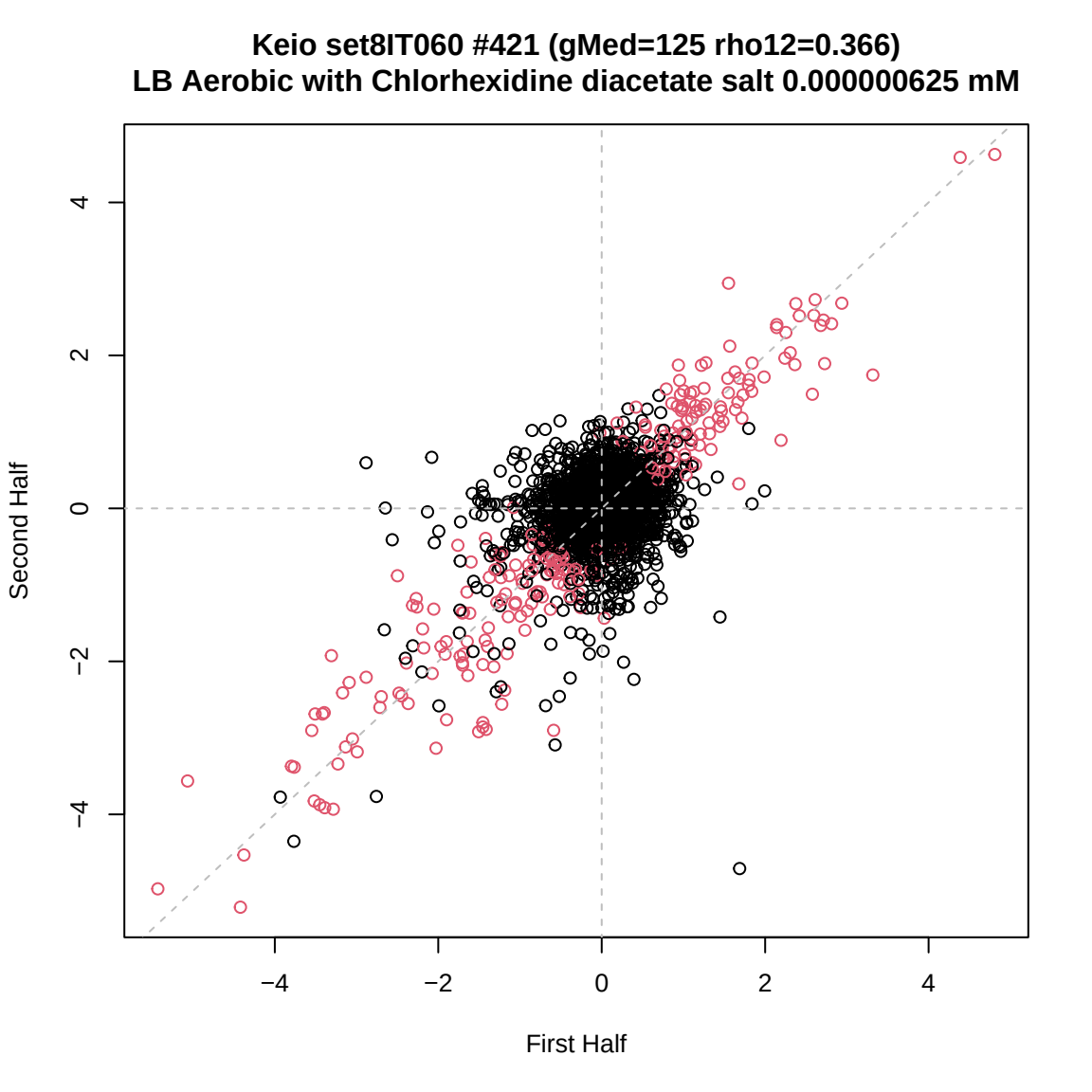

Keio set8IT055 #416 (gMed=0 rho12=0.563)
LB Aerobic with Levofloxacin 0.00000025 mM
Second Half
First Half
−2
0
2
4
6
−2
0
2
4

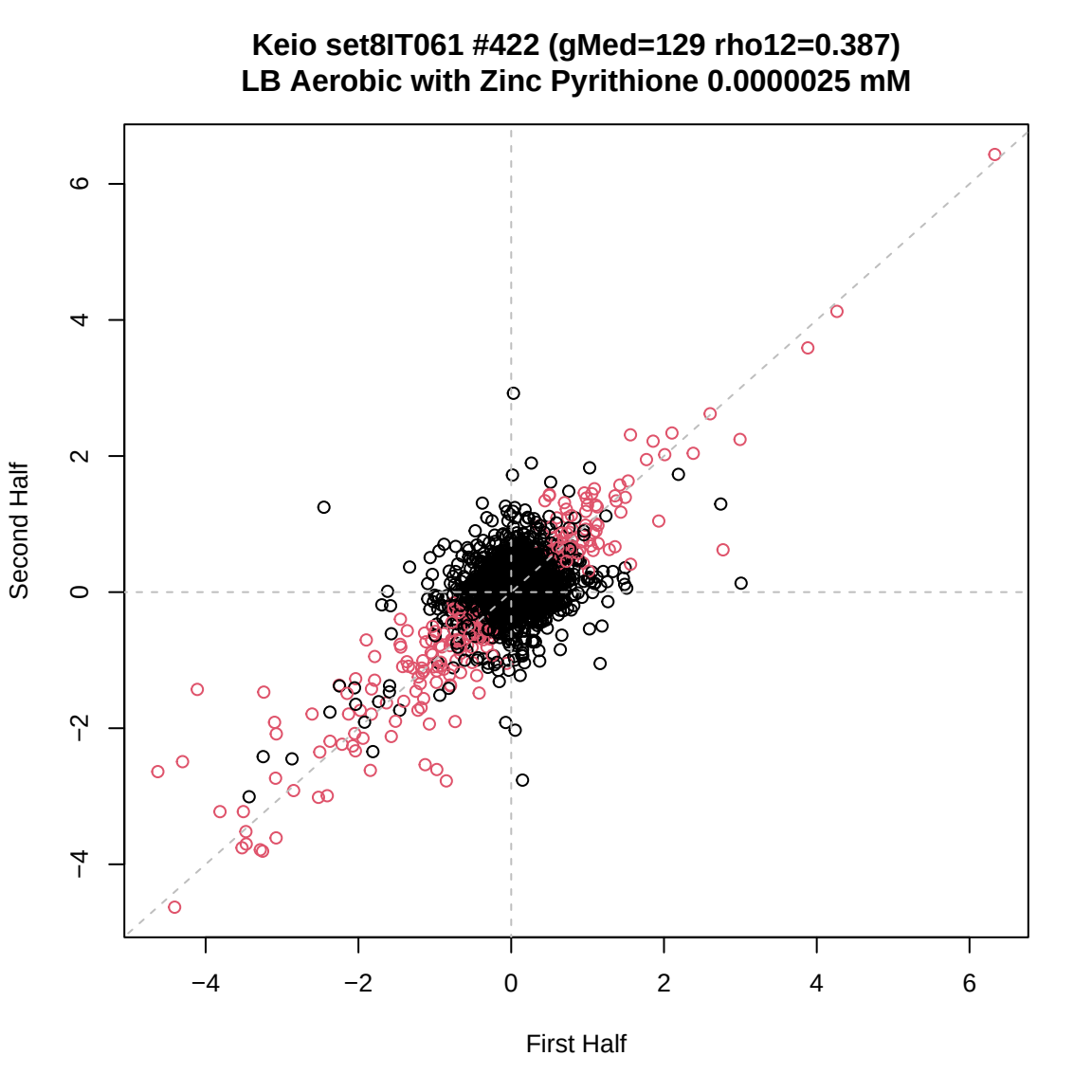

Keio set8IT056 #417 (gMed=8 rho12=0.405)
LB Aerobic with Levofloxacin 0.000000125 mM
Second Half
First Half
0
5
10
0
5
10

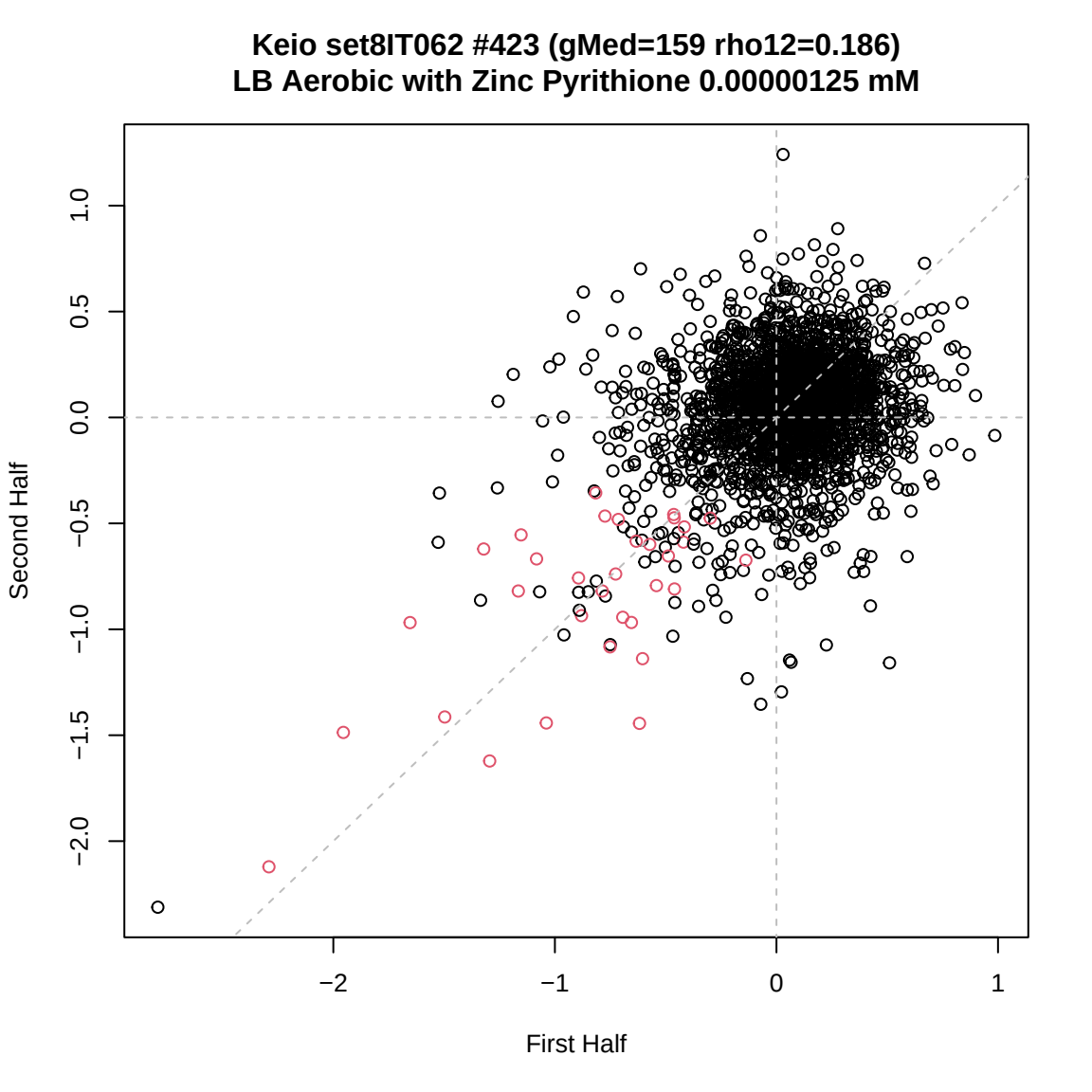

Keio set8IT057 #418 (gMed=91 rho12=0.075)
LB Aerobic with 2−Mercaptopyridine N−oxide 0.000015625 mM
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

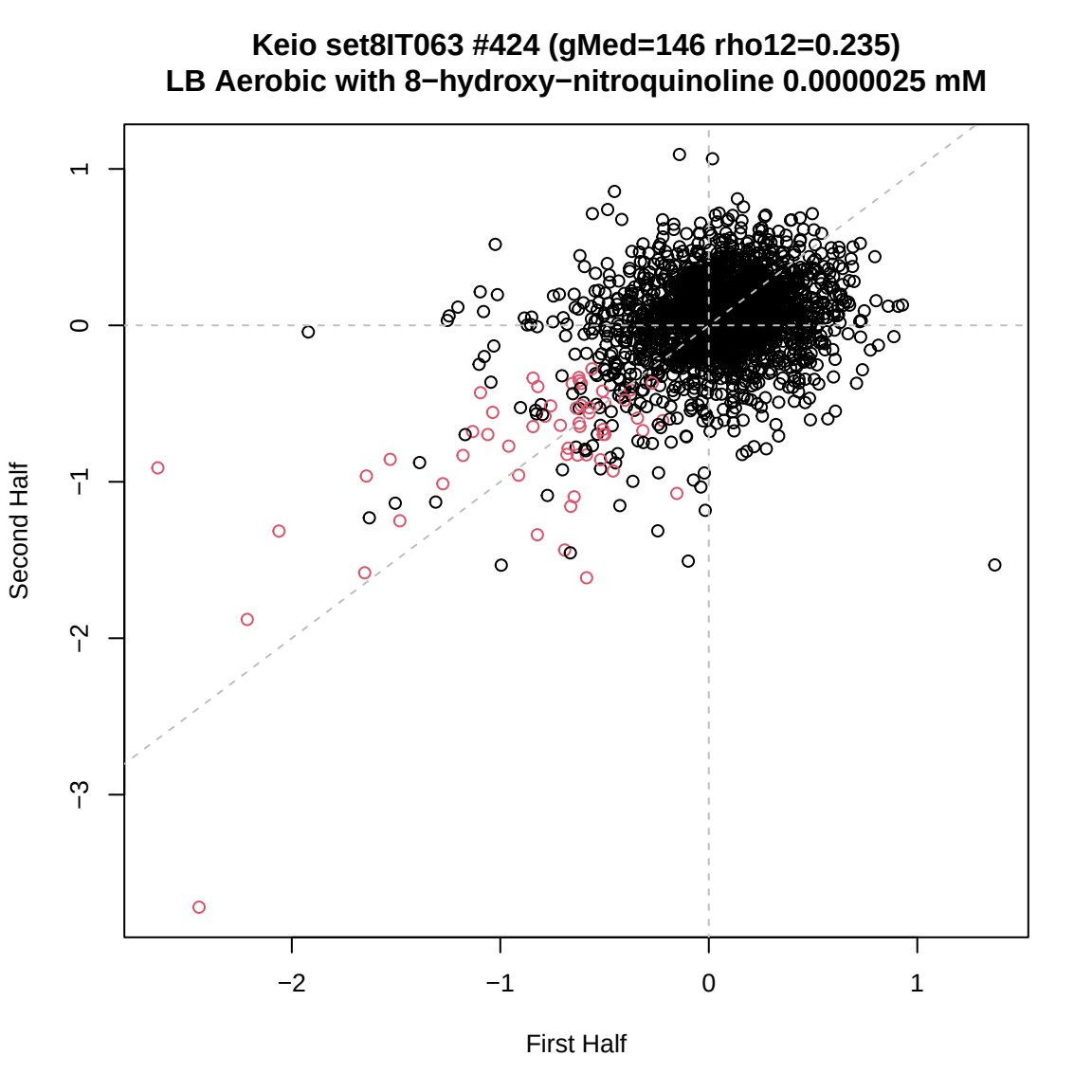

Keio set8IT058 #419 (gMed=91 rho12=0.296)
LB Aerobic with 2−Mercaptopyridine N−oxide 0.0000078125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

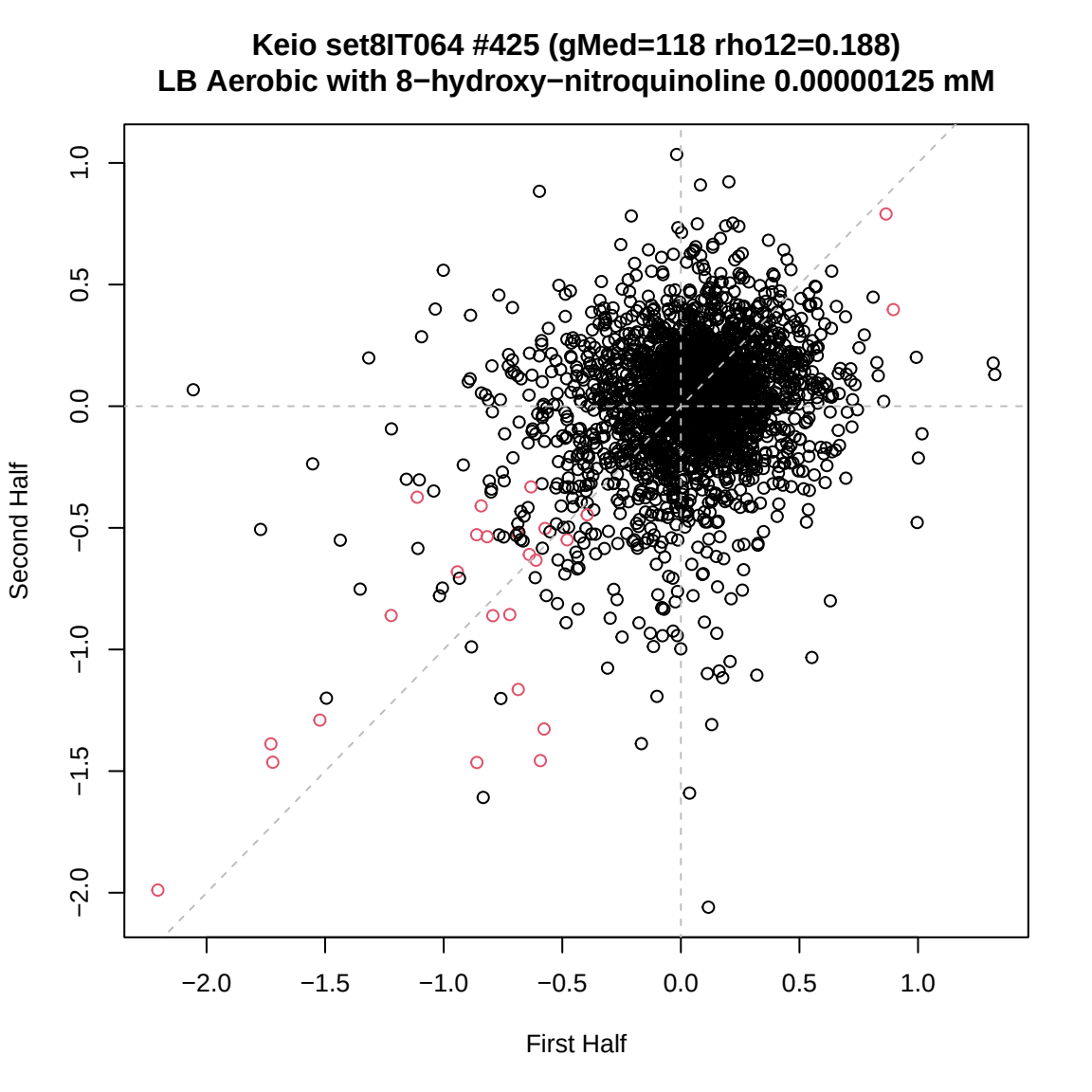

Keio set8IT059 #420 (gMed=1 rho12=0.456)
LB Aerobic with Chlorhexidine diacetate salt 0.00000125 mM
Second Half
First Half
0
5
10
15
0
5
10

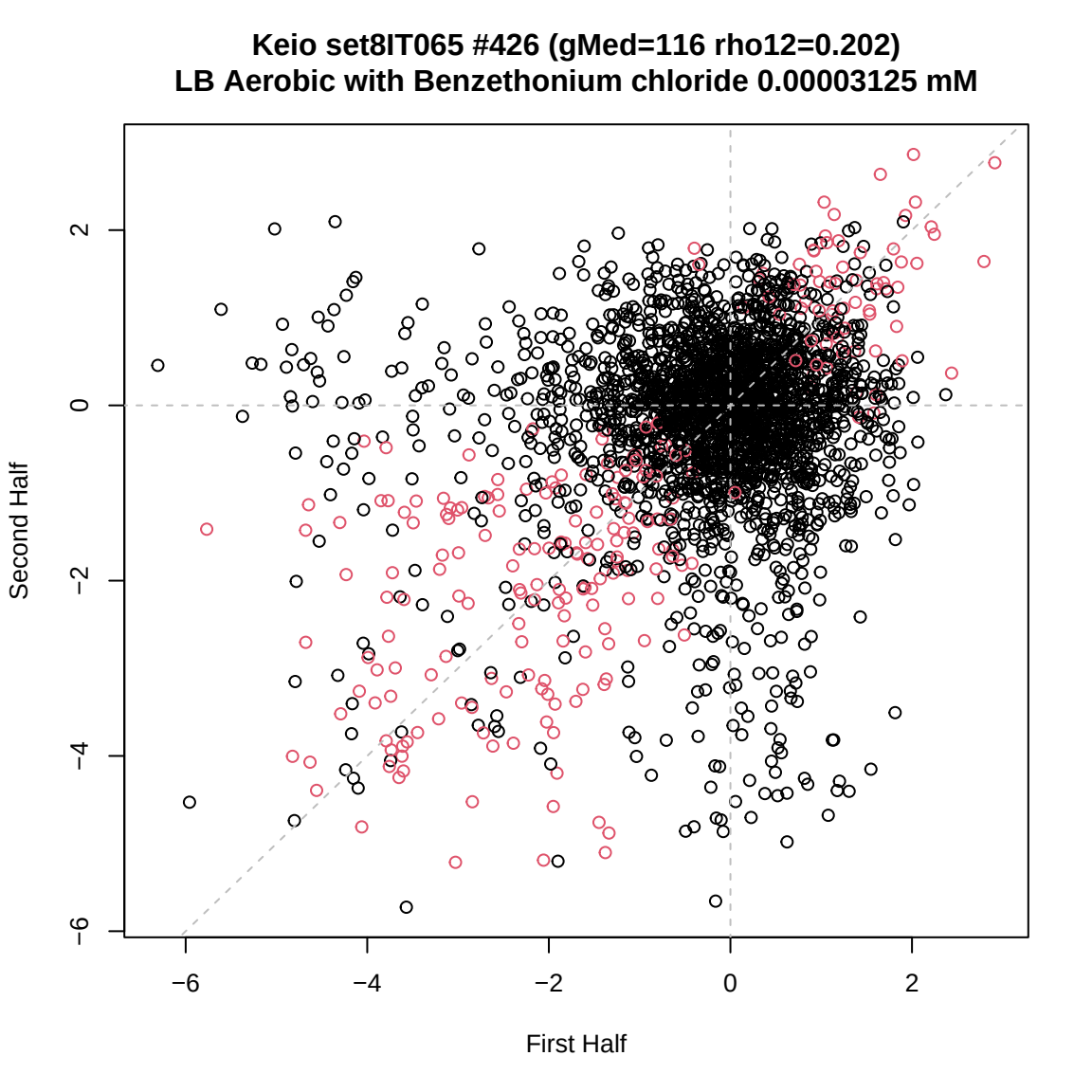

Keio set8IT060 #421 (gMed=125 rho12=0.366)
LB Aerobic with Chlorhexidine diacetate salt 0.000000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

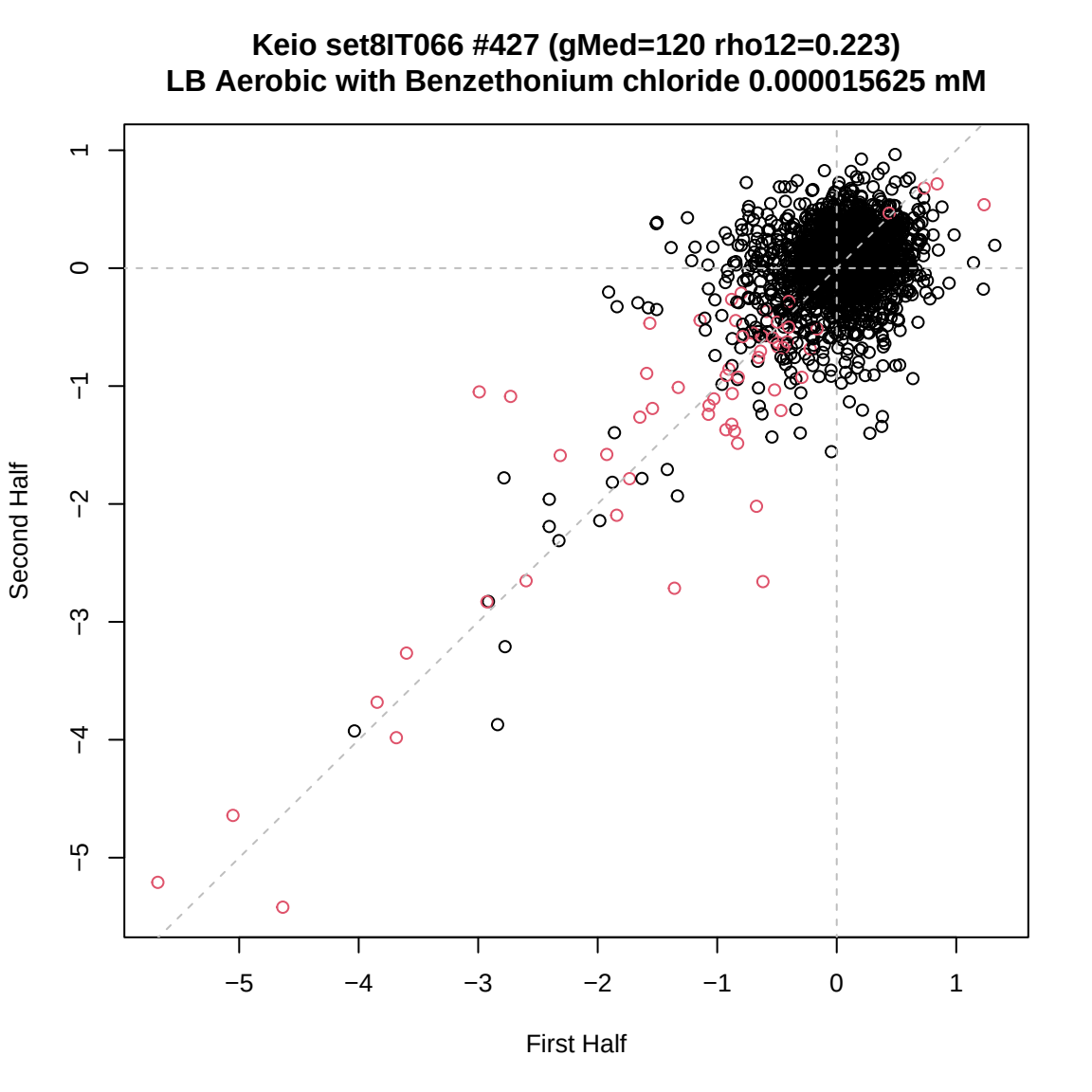

Keio set8IT061 #422 (gMed=129 rho12=0.387)
LB Aerobic with Zinc Pyrithione 0.0000025 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

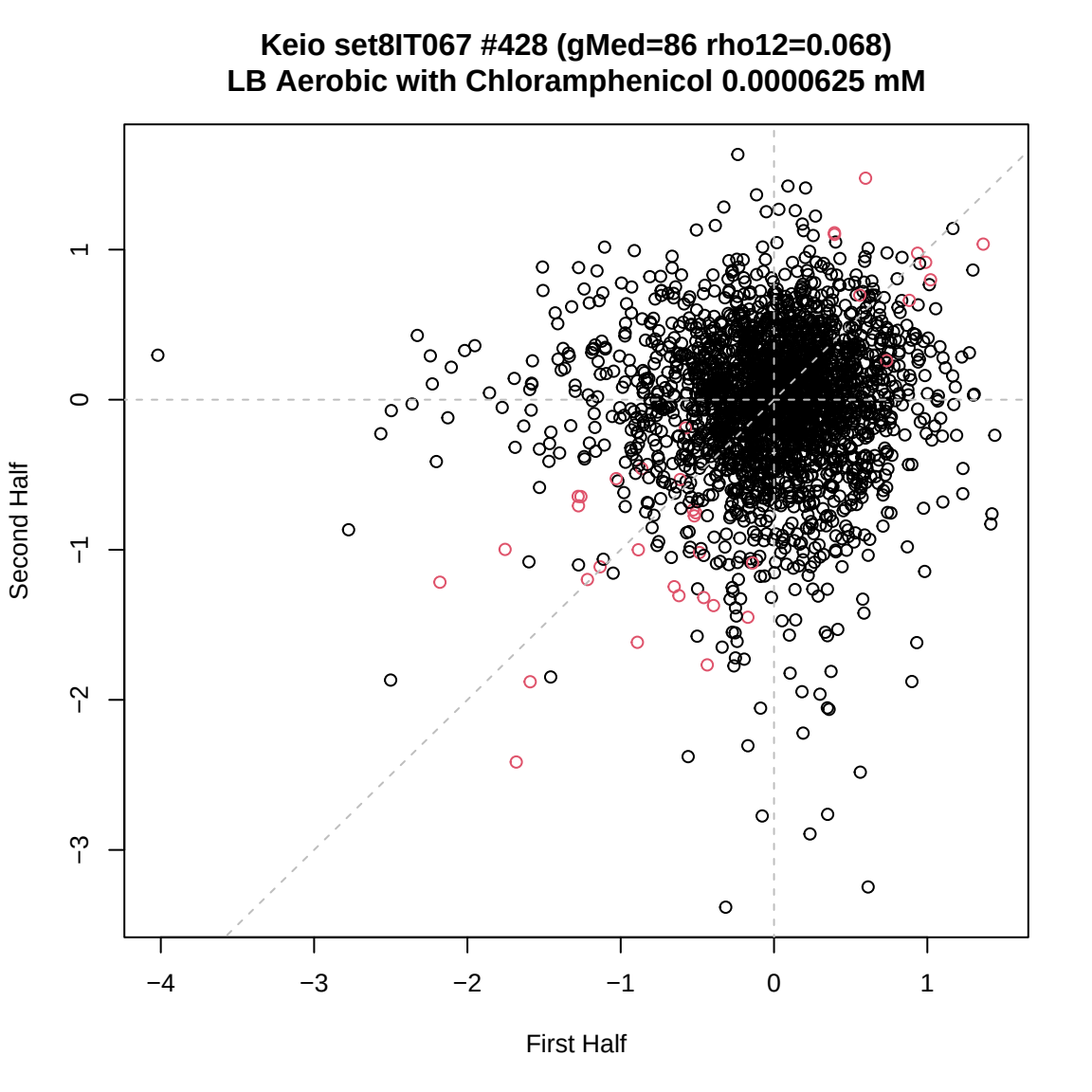

Keio set8IT062 #423 (gMed=159 rho12=0.186)
LB Aerobic with Zinc Pyrithione 0.00000125 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

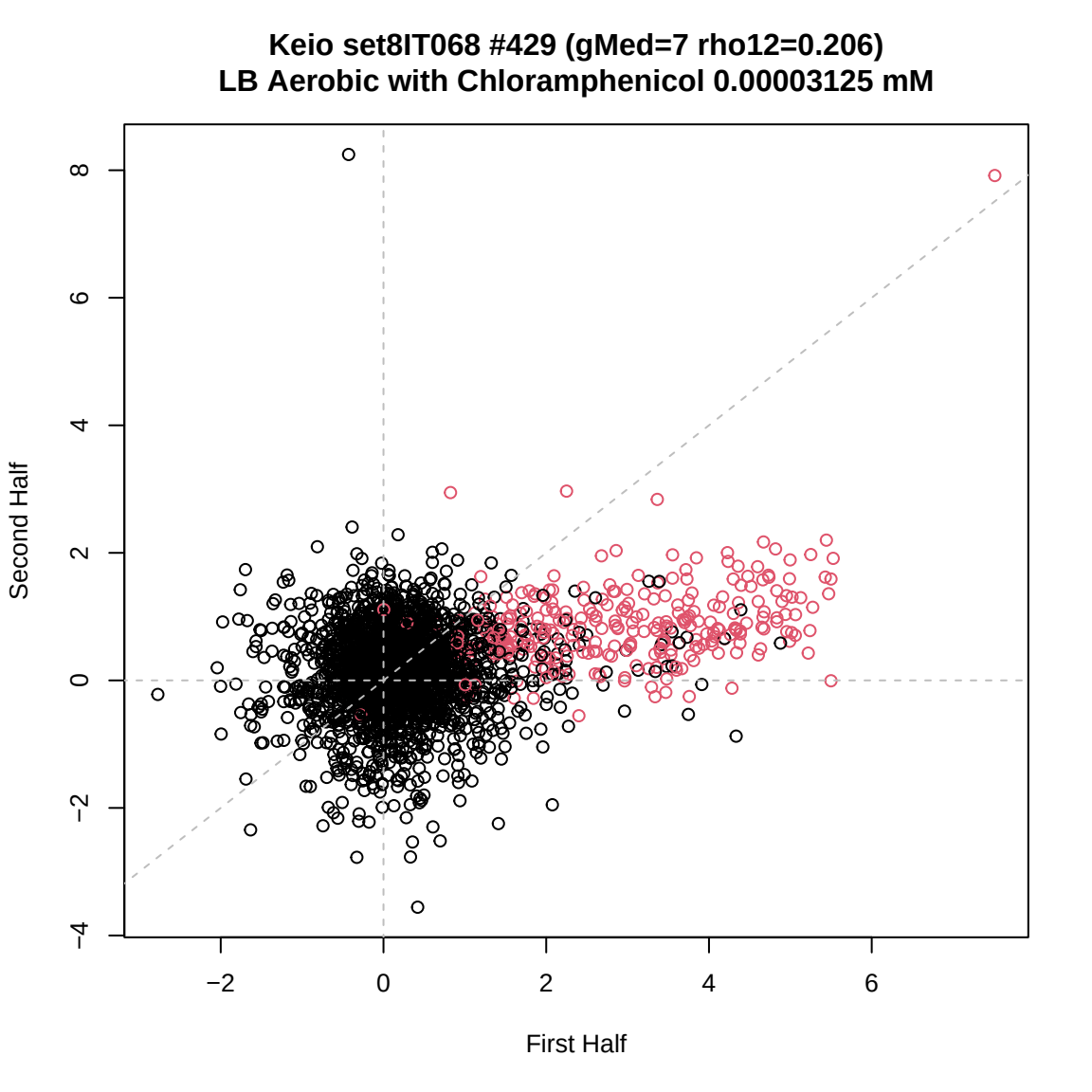

Keio set8IT063 #424 (gMed=146 rho12=0.235)
LB Aerobic with 8−hydroxy−nitroquinoline 0.0000025 mM
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

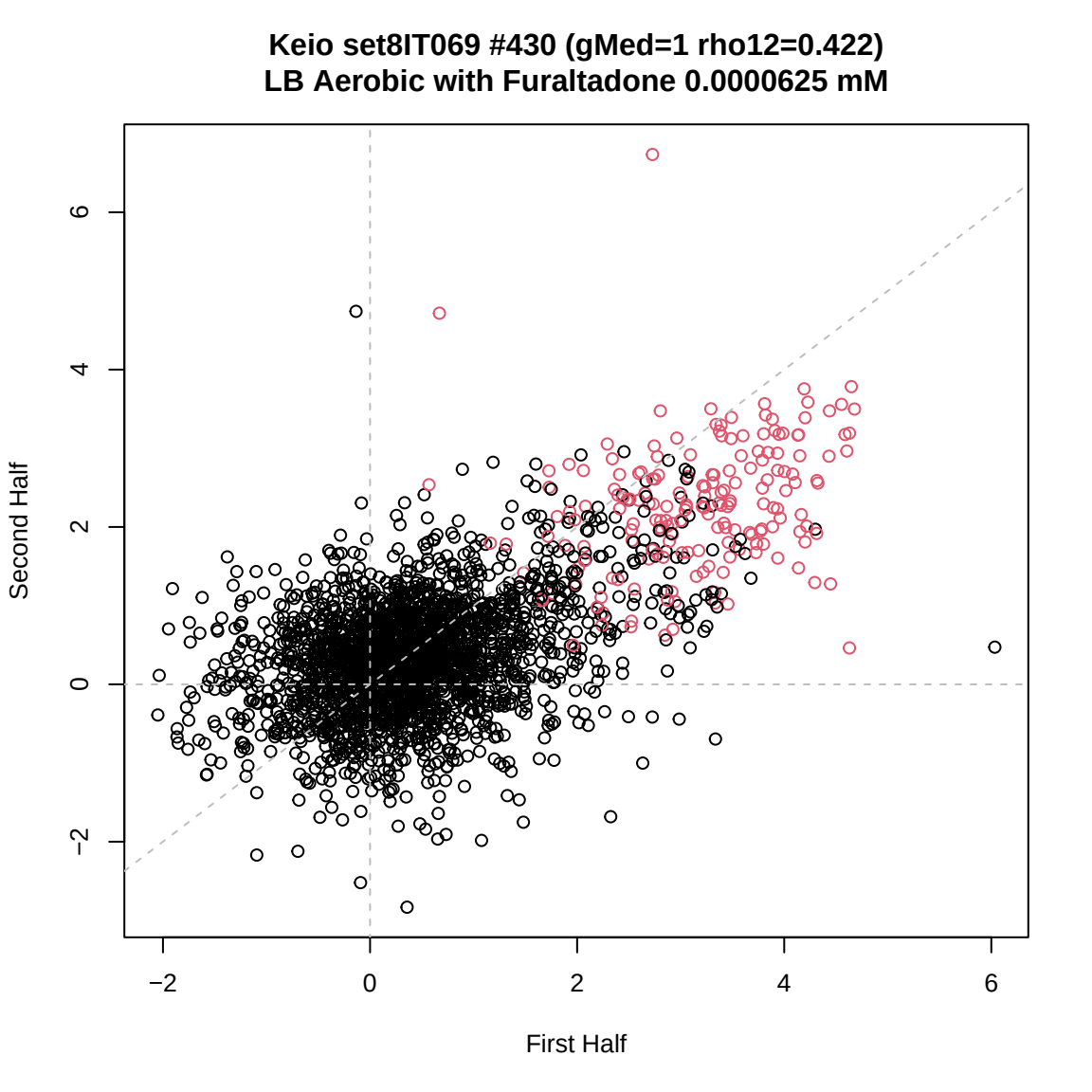

Keio set8IT064 #425 (gMed=118 rho12=0.188)
LB Aerobic with 8−hydroxy−nitroquinoline 0.00000125 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

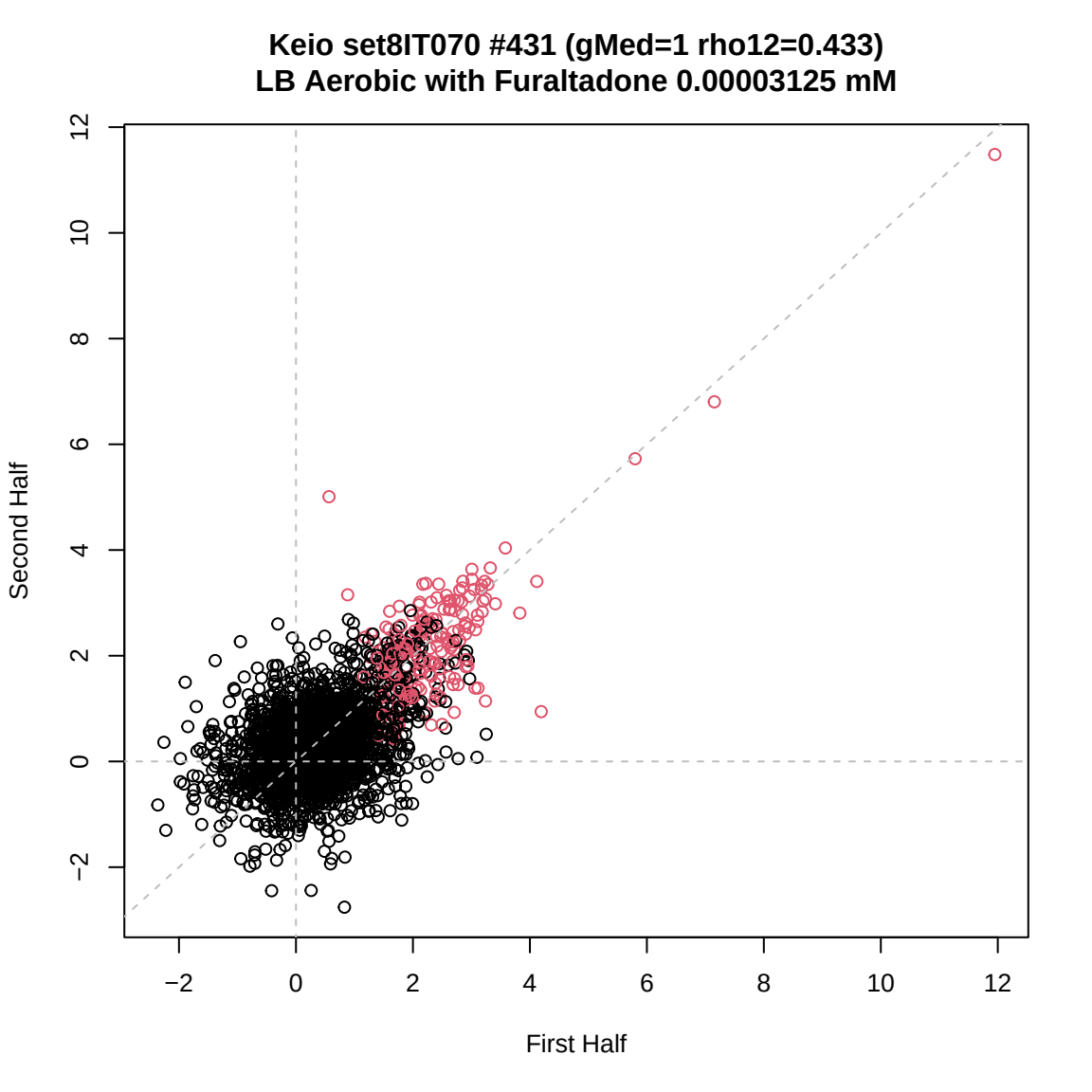

Keio set8IT065 #426 (gMed=116 rho12=0.202)
LB Aerobic with Benzethonium chloride 0.00003125 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

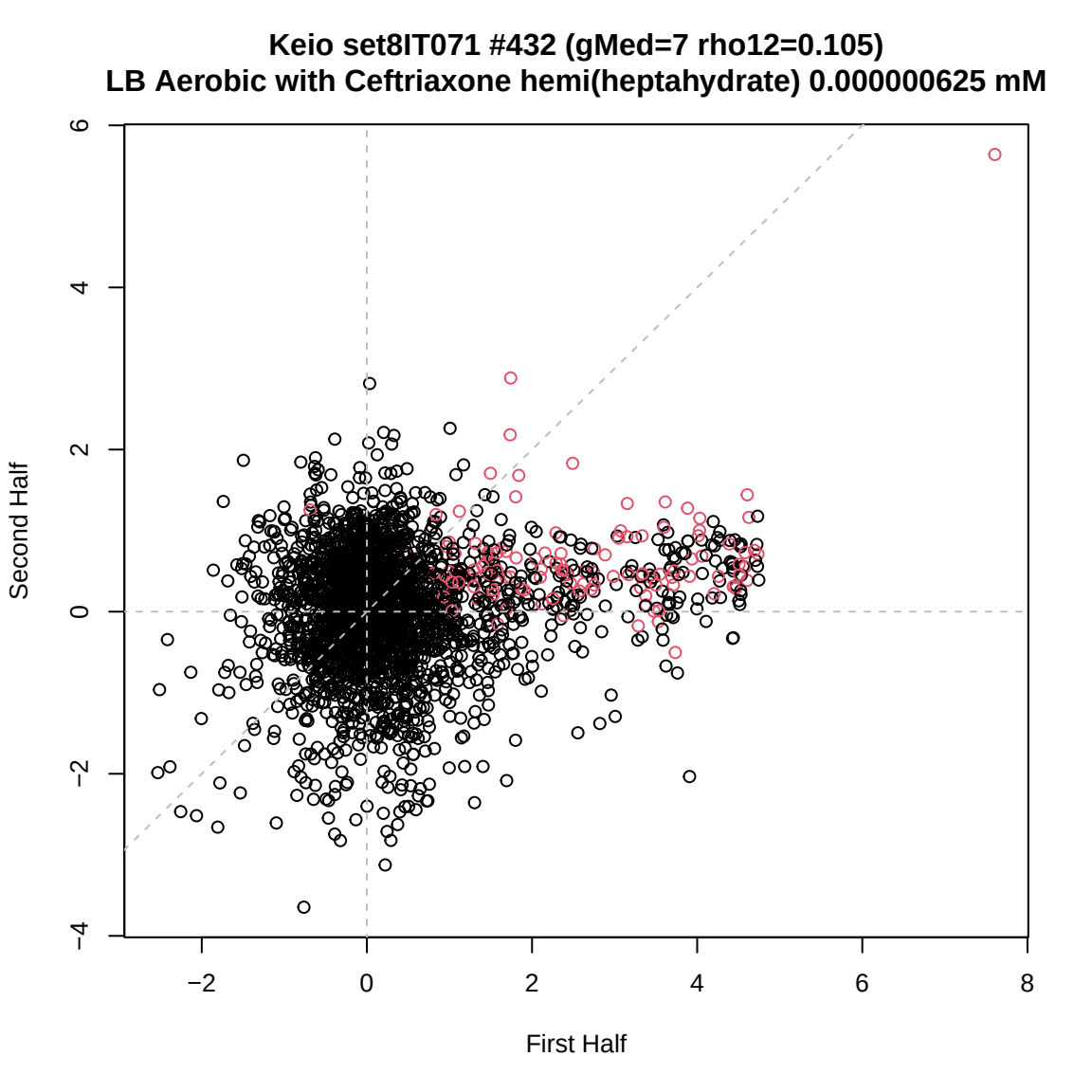

Keio set8IT066 #427 (gMed=120 rho12=0.223)
LB Aerobic with Benzethonium chloride 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

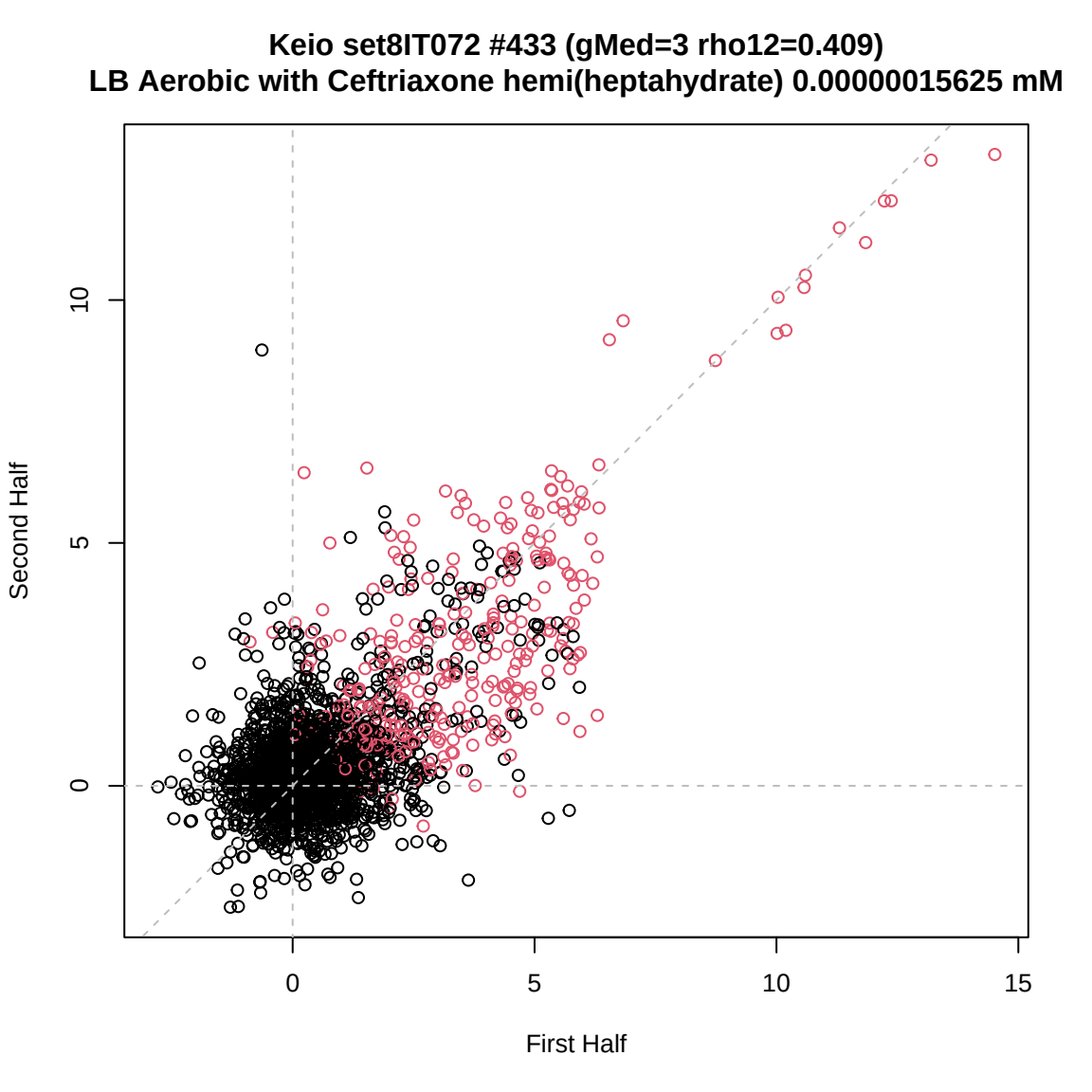

Keio set8IT067 #428 (gMed=86 rho12=0.068)
LB Aerobic with Chloramphenicol 0.0000625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

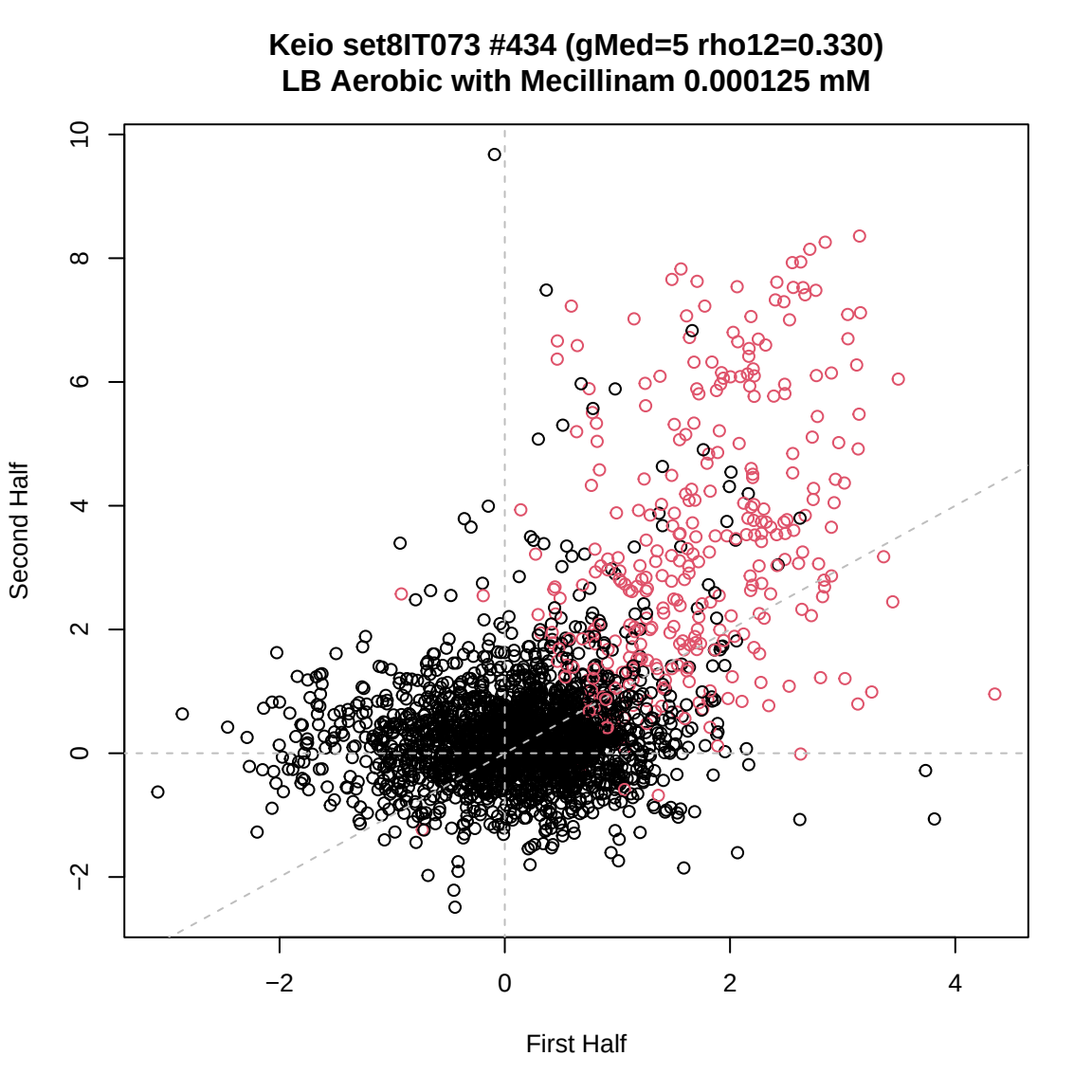

Keio set8IT068 #429 (gMed=7 rho12=0.206)
LB Aerobic with Chloramphenicol 0.00003125 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

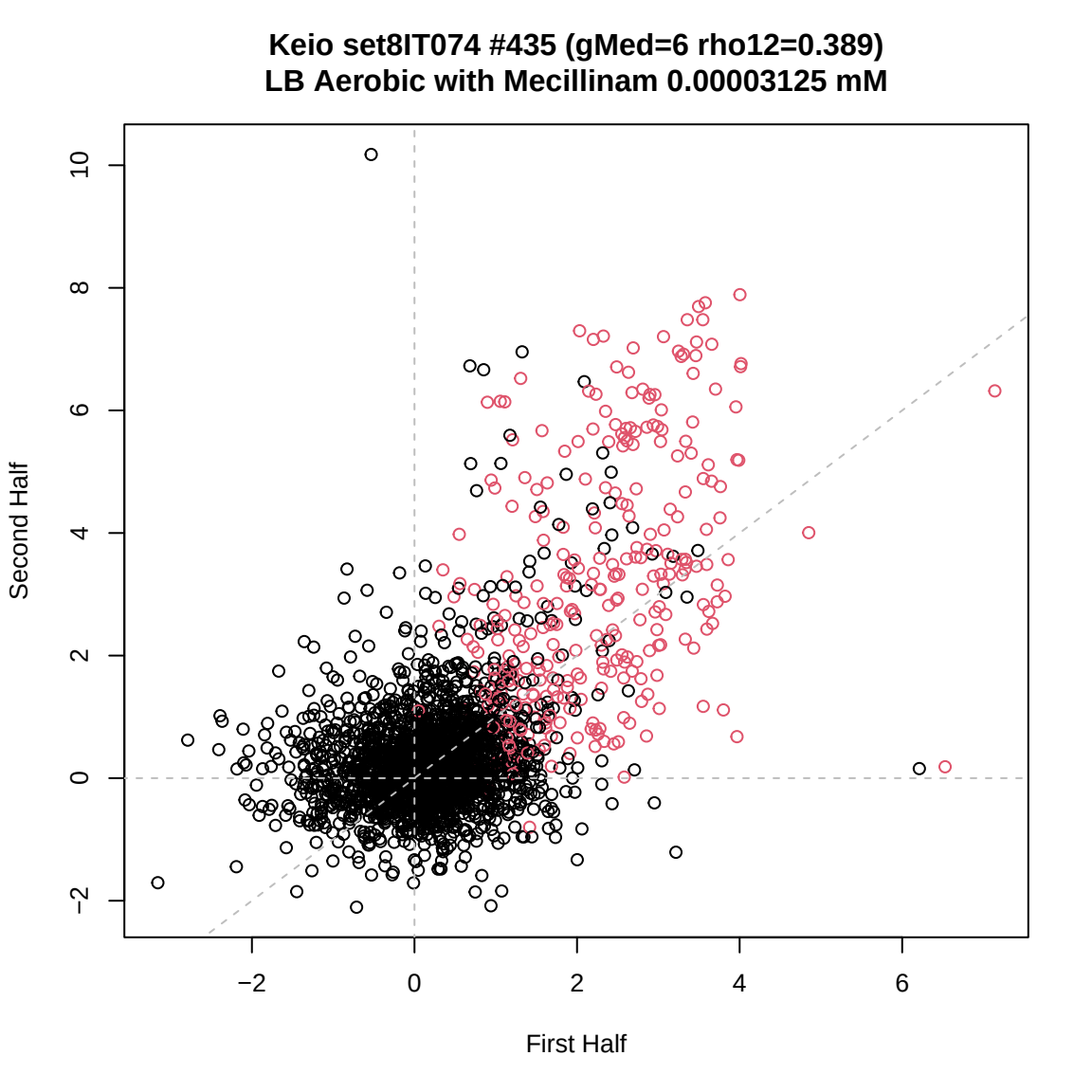

Keio set8IT069 #430 (gMed=1 rho12=0.422)
LB Aerobic with Furaltadone 0.0000625 mM
Second Half
First Half
−2
0
2
4
6

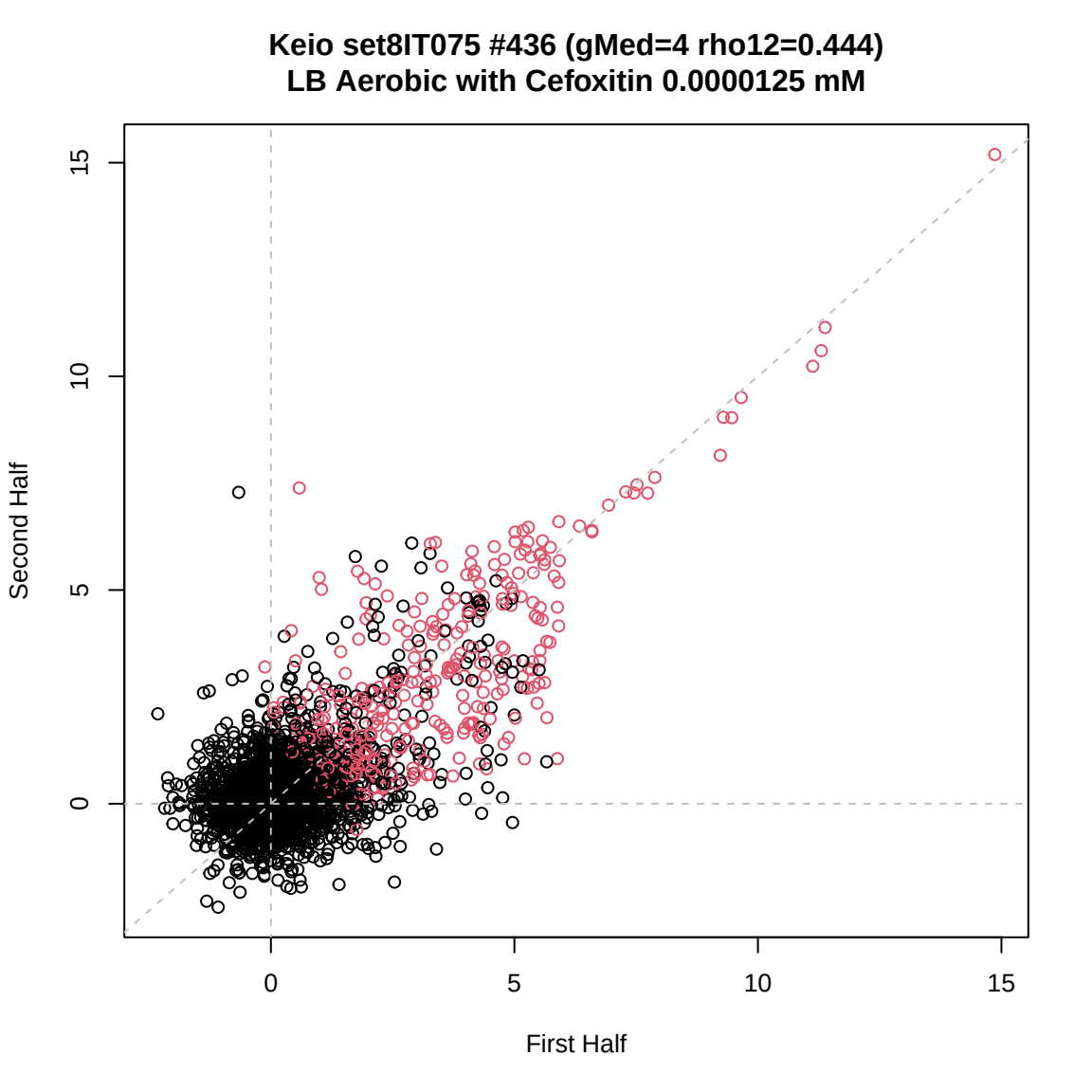

Keio set8IT070 #431 (gMed=1 rho12=0.433)
LB Aerobic with Furaltadone 0.00003125 mM
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10
12

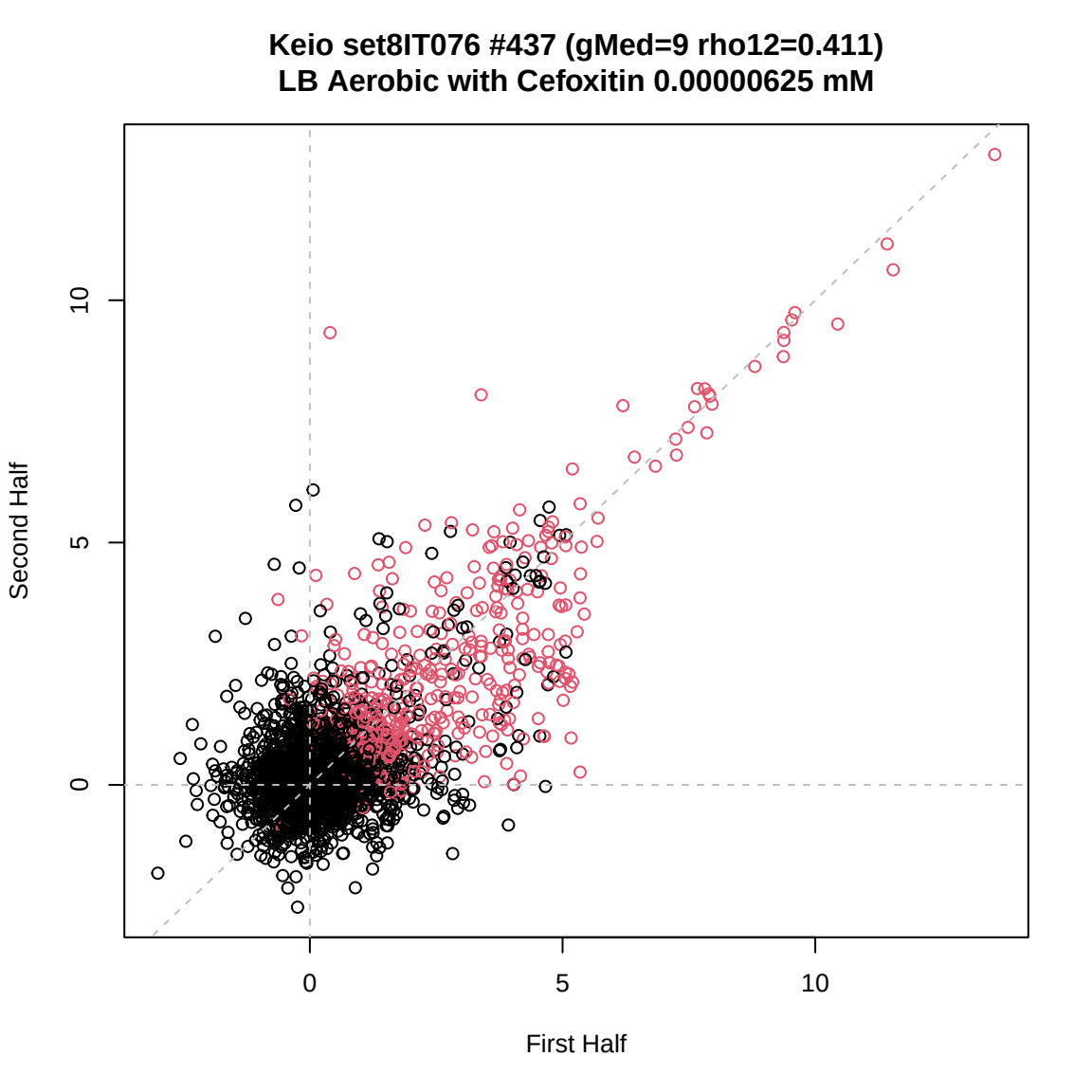

Keio set8IT071 #432 (gMed=7 rho12=0.105)
LB Aerobic with Ceftriaxone hemi(heptahydrate) 0.000000625 mM
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

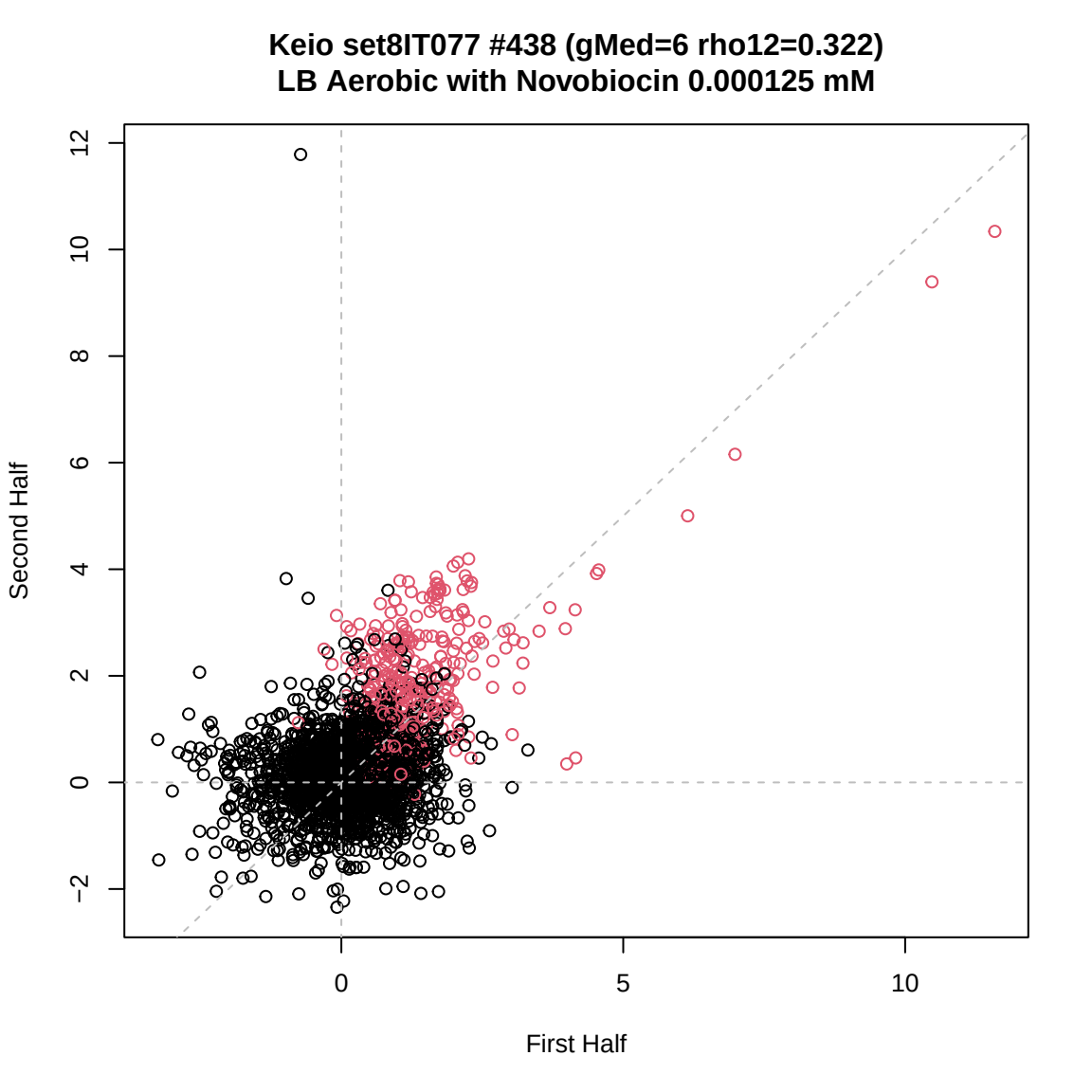

Keio set8IT072 #433 (gMed=3 rho12=0.409)
LB Aerobic with Ceftriaxone hemi(heptahydrate) 0.00000015625 mM
Second Half
First Half
0
5
10
15

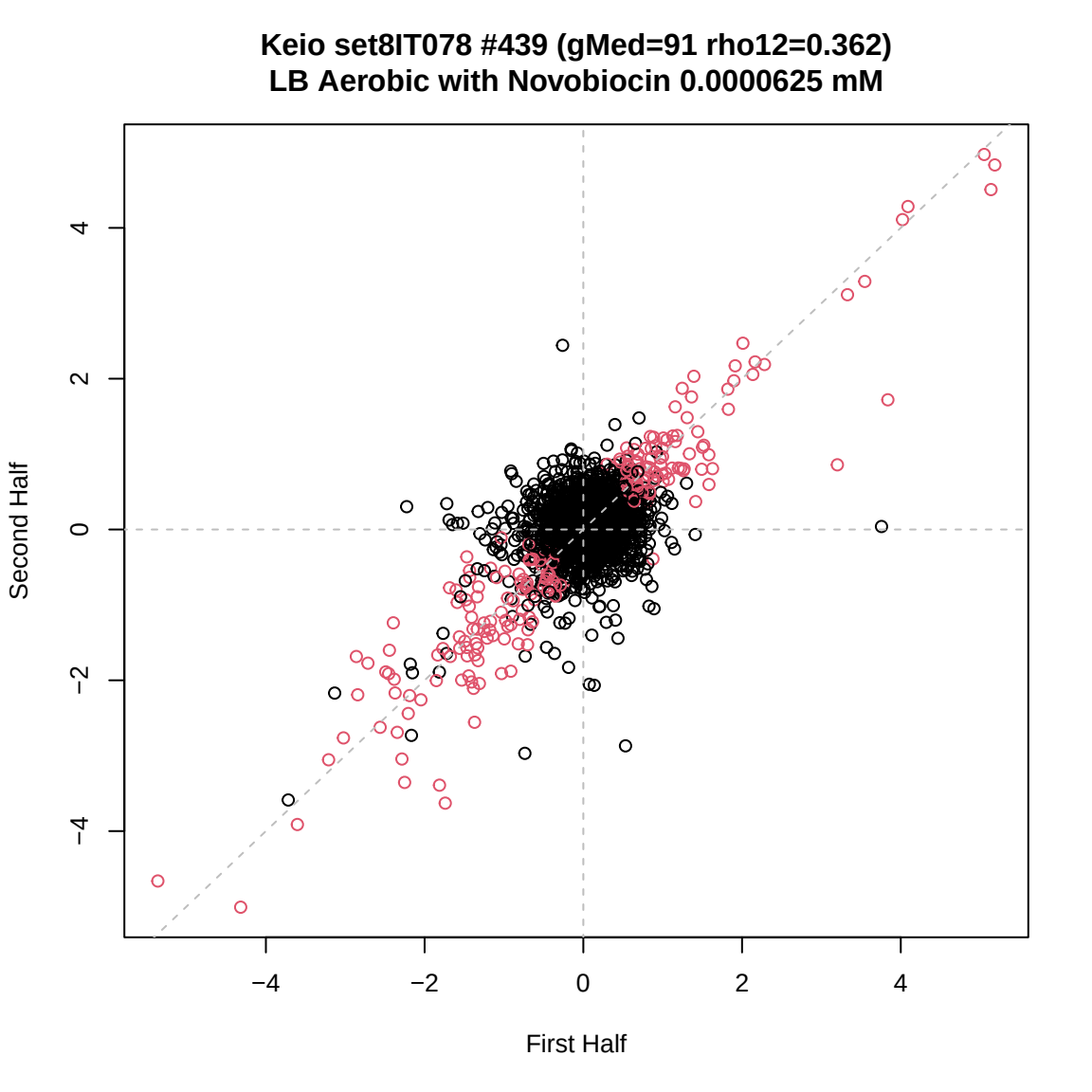

Keio set8IT073 #434 (gMed=5 rho12=0.330)
LB Aerobic with Mecillinam 0.000125 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4

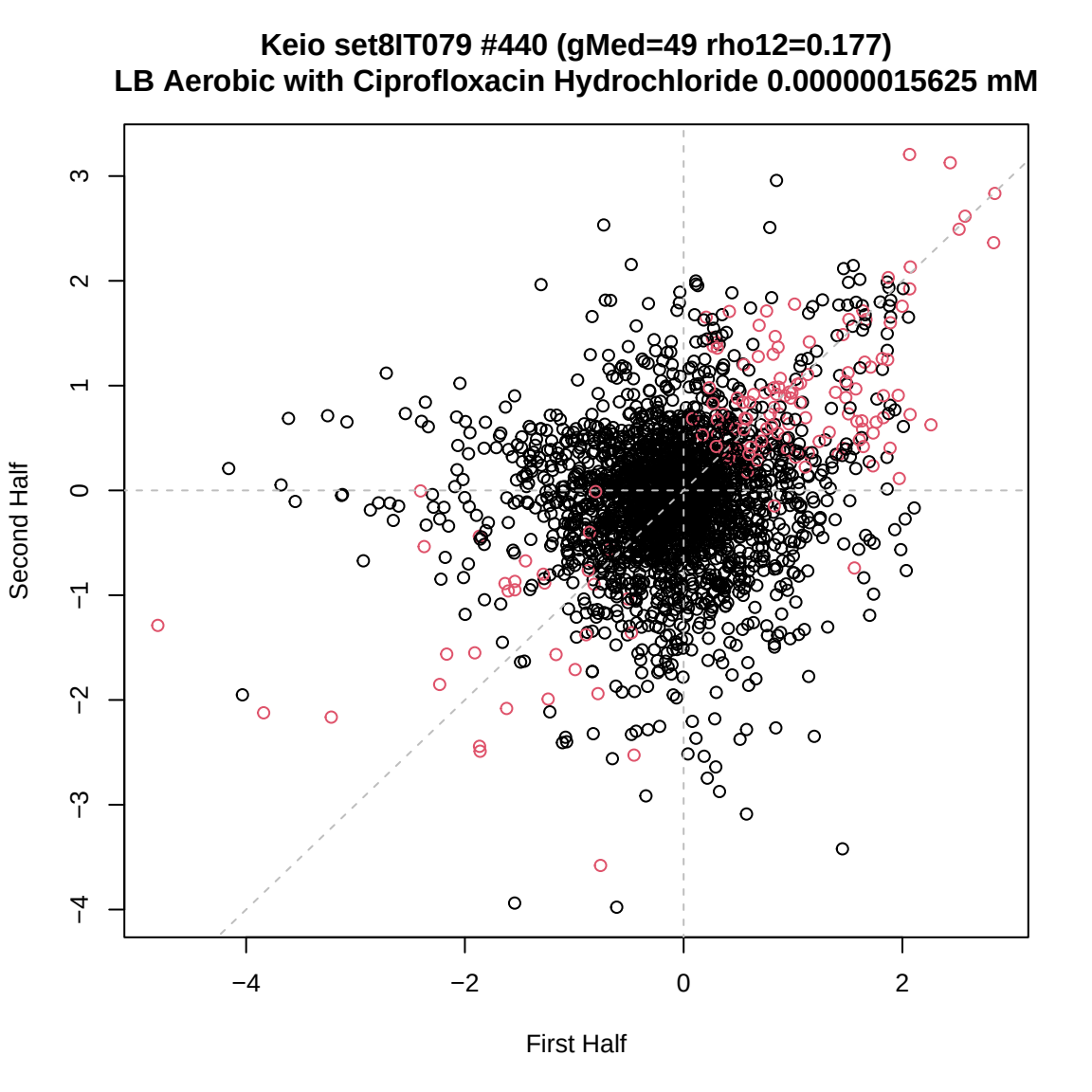

Keio set8IT074 #435 (gMed=6 rho12=0.389)
LB Aerobic with Mecillinam 0.00003125 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6

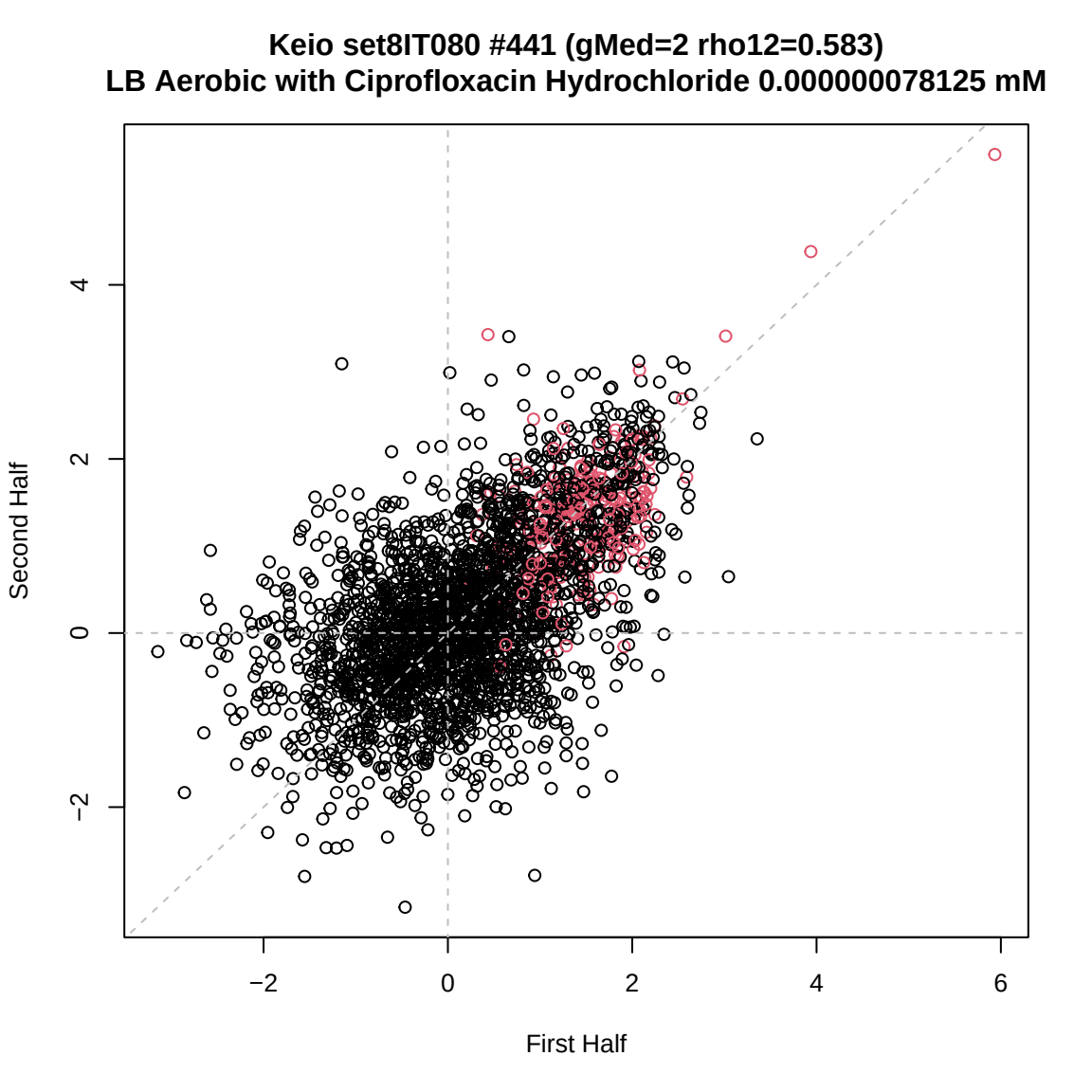

Keio set8IT075 #436 (gMed=4 rho12=0.444)
LB Aerobic with Cefoxitin 0.0000125 mM
Second Half
First Half
0
5
10
15

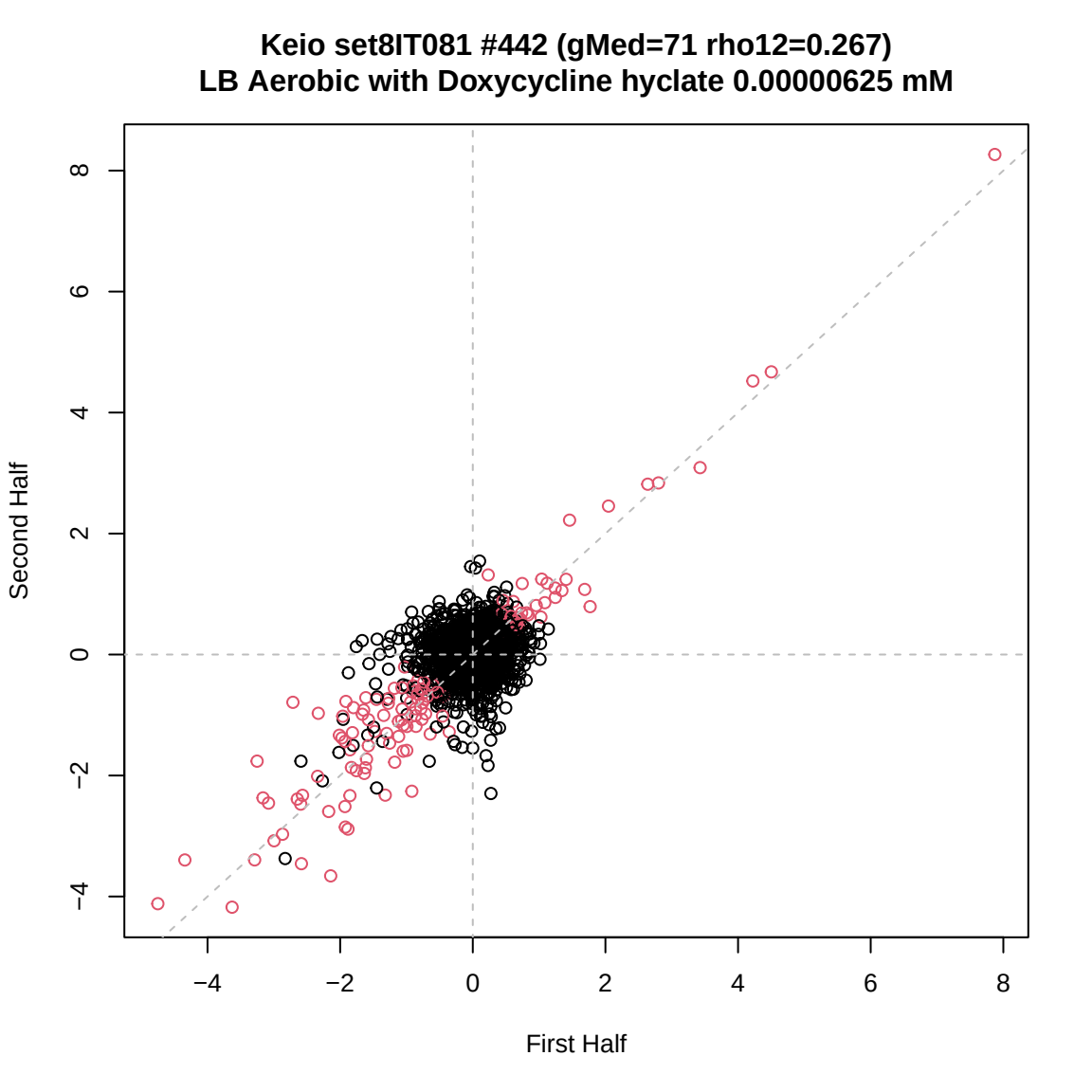

Keio set8IT076 #437 (gMed=9 rho12=0.411)
LB Aerobic with Cefoxitin 0.00000625 mM
Second Half
First Half
0
5
10
0
5
10

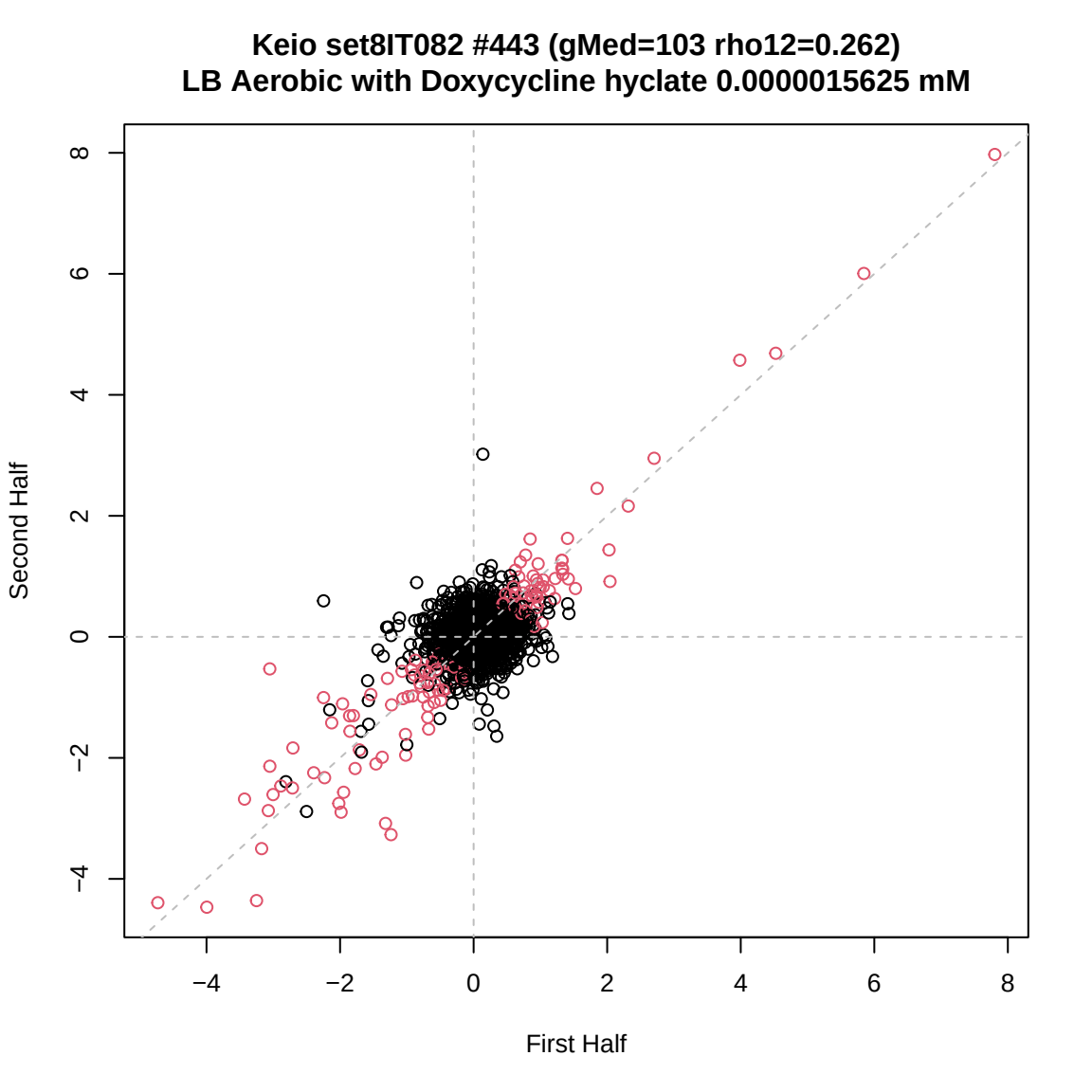

Keio set8IT077 #438 (gMed=6 rho12=0.322)
LB Aerobic with Novobiocin 0.000125 mM
Second Half
First Half
12
10
8
6
4
2
0
−2
0
5
10

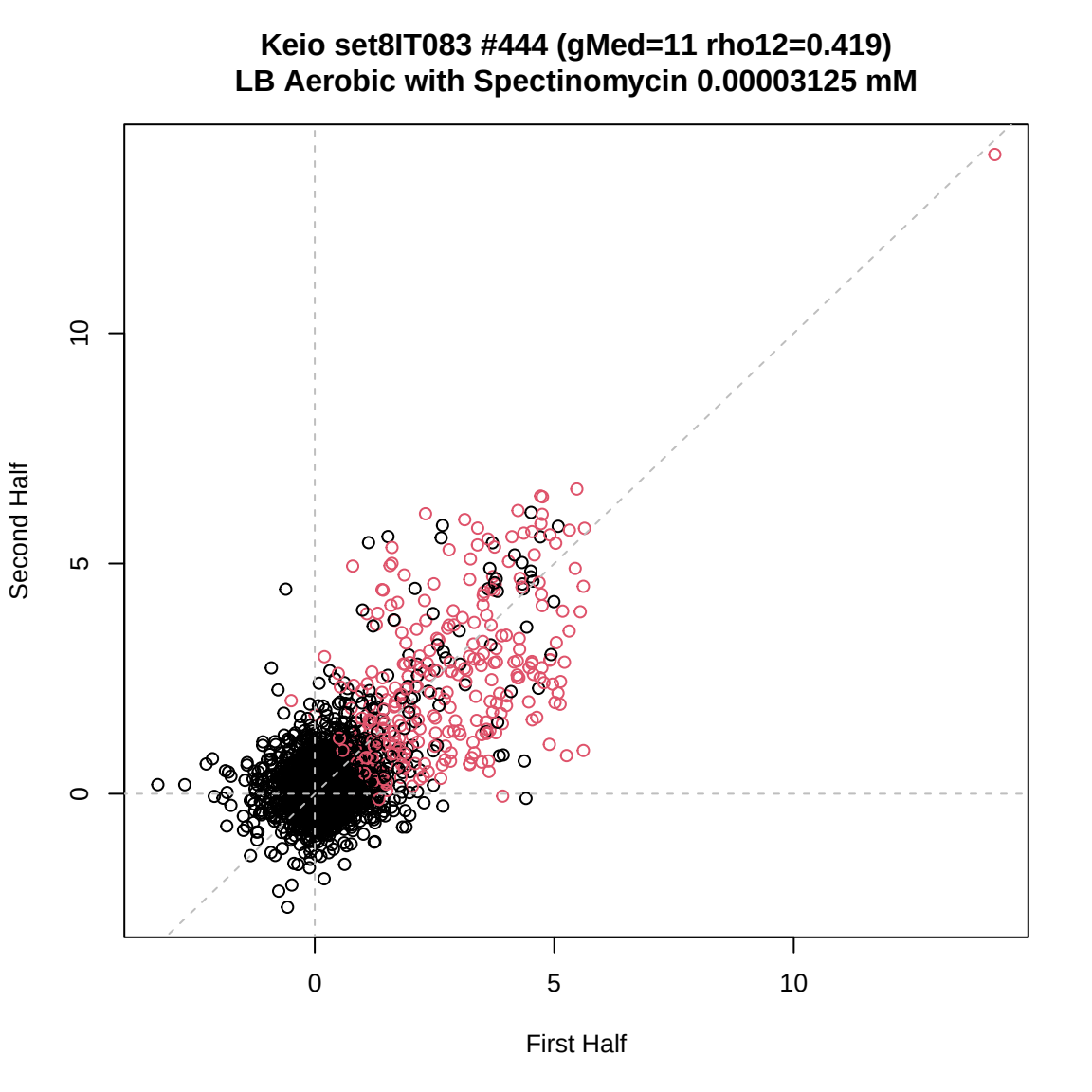

Keio set8IT078 #439 (gMed=91 rho12=0.362)
LB Aerobic with Novobiocin 0.0000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

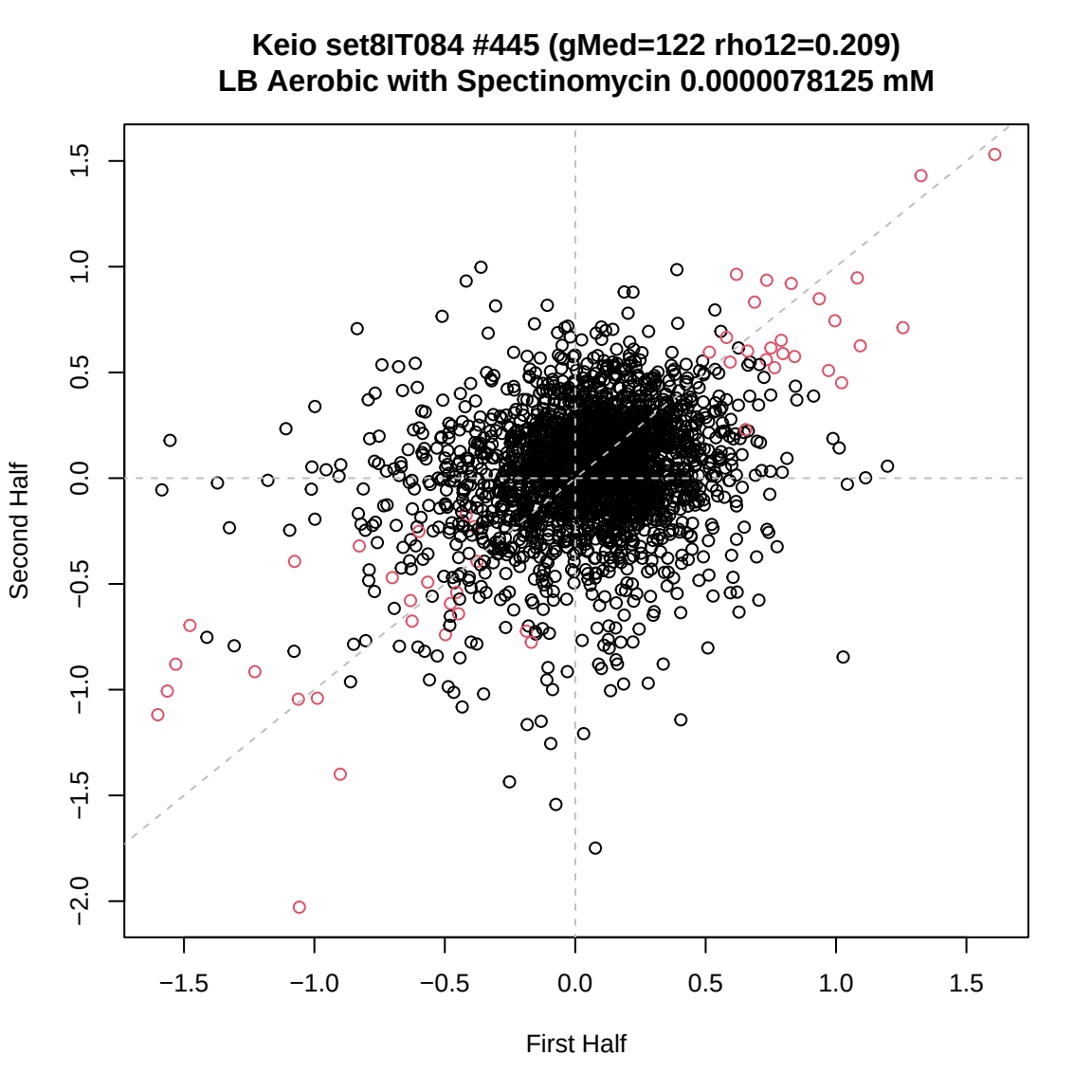

Keio set8IT079 #440 (gMed=49 rho12=0.177)
LB Aerobic with Ciprofloxacin Hydrochloride 0.00000015625 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2

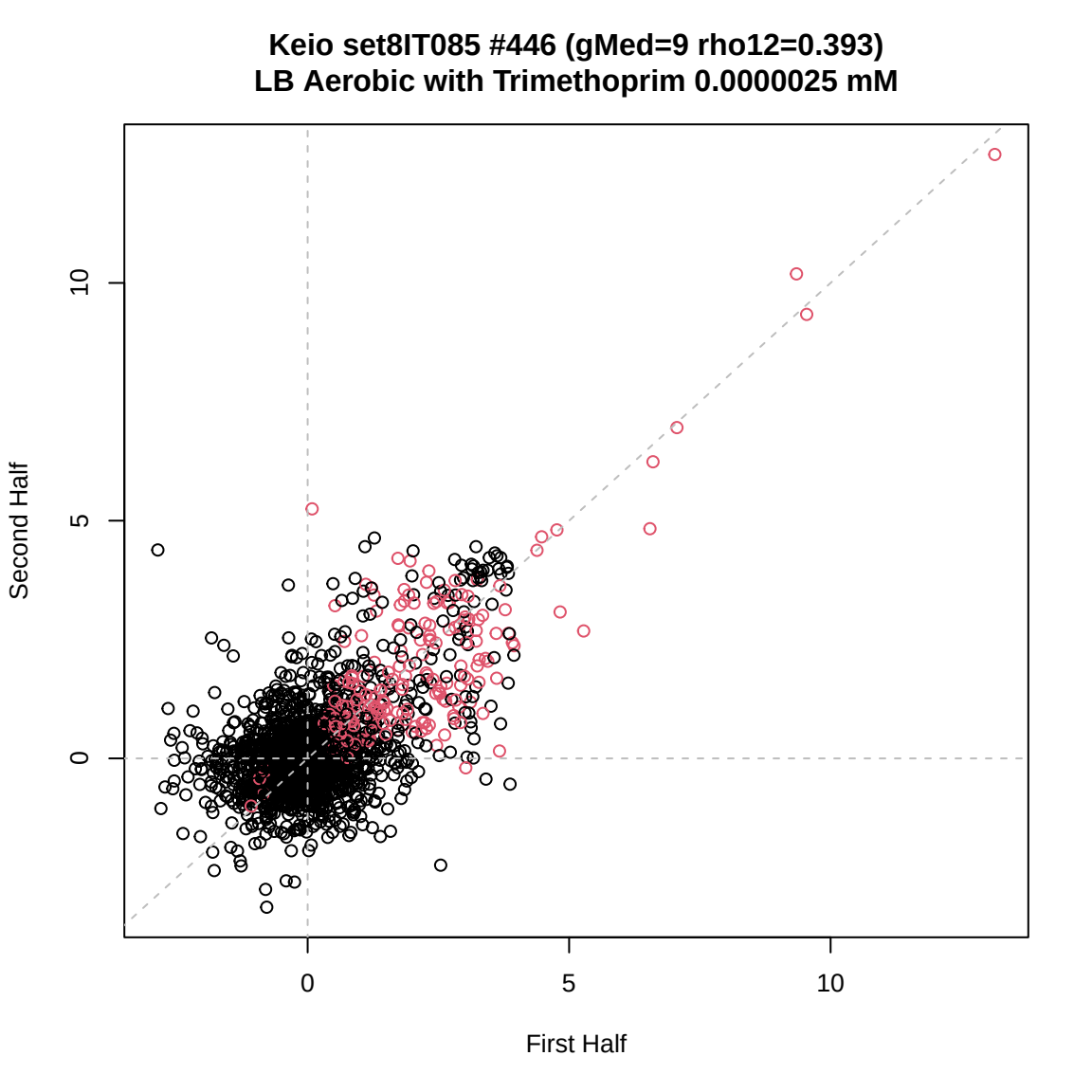

Keio set8IT080 #441 (gMed=2 rho12=0.583)
LB Aerobic with Ciprofloxacin Hydrochloride 0.000000078125 mM
Second Half
First Half
−2
0
2
4
6
−2
0
2
4

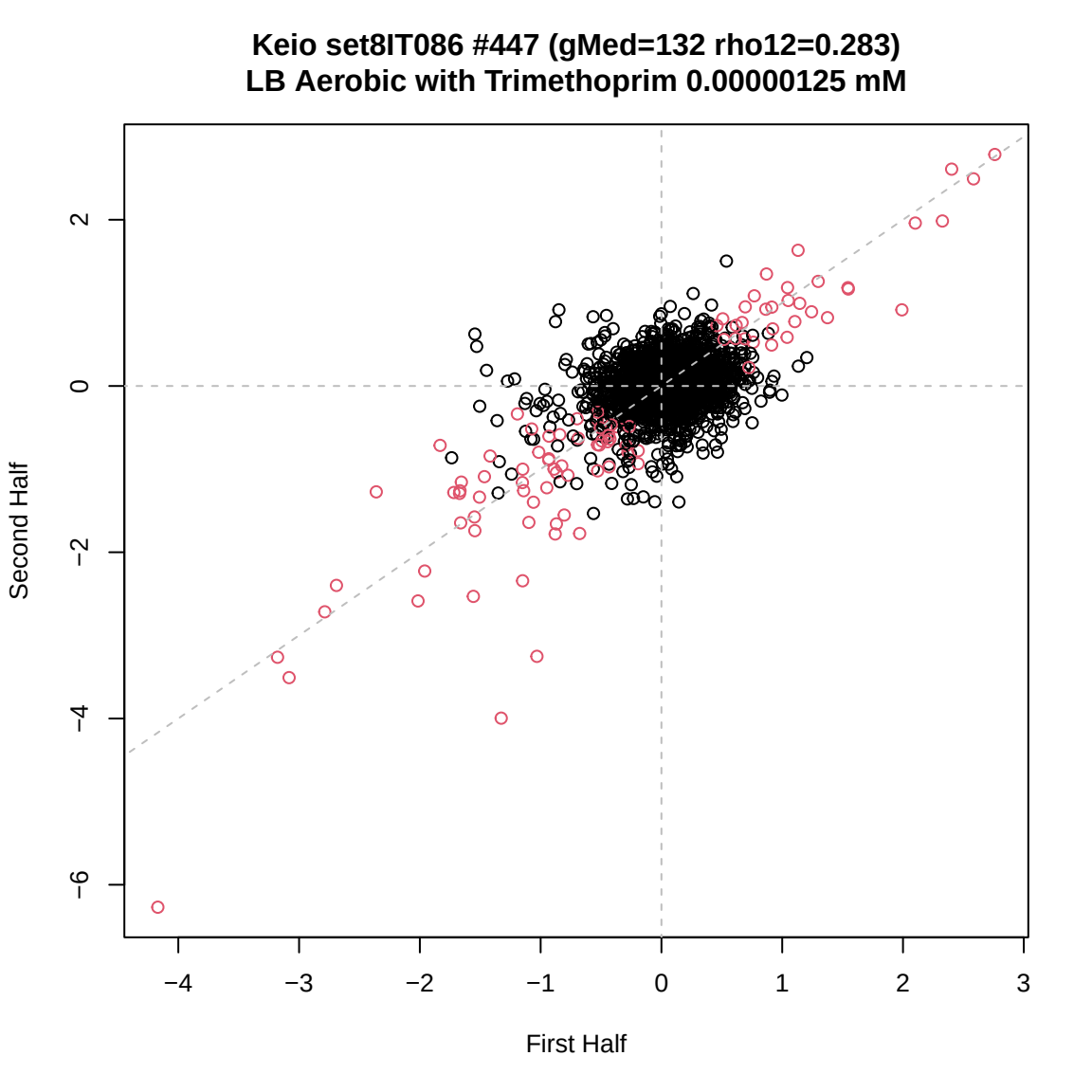

Keio set8IT081 #442 (gMed=71 rho12=0.267)
LB Aerobic with Doxycycline hyclate 0.00000625 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

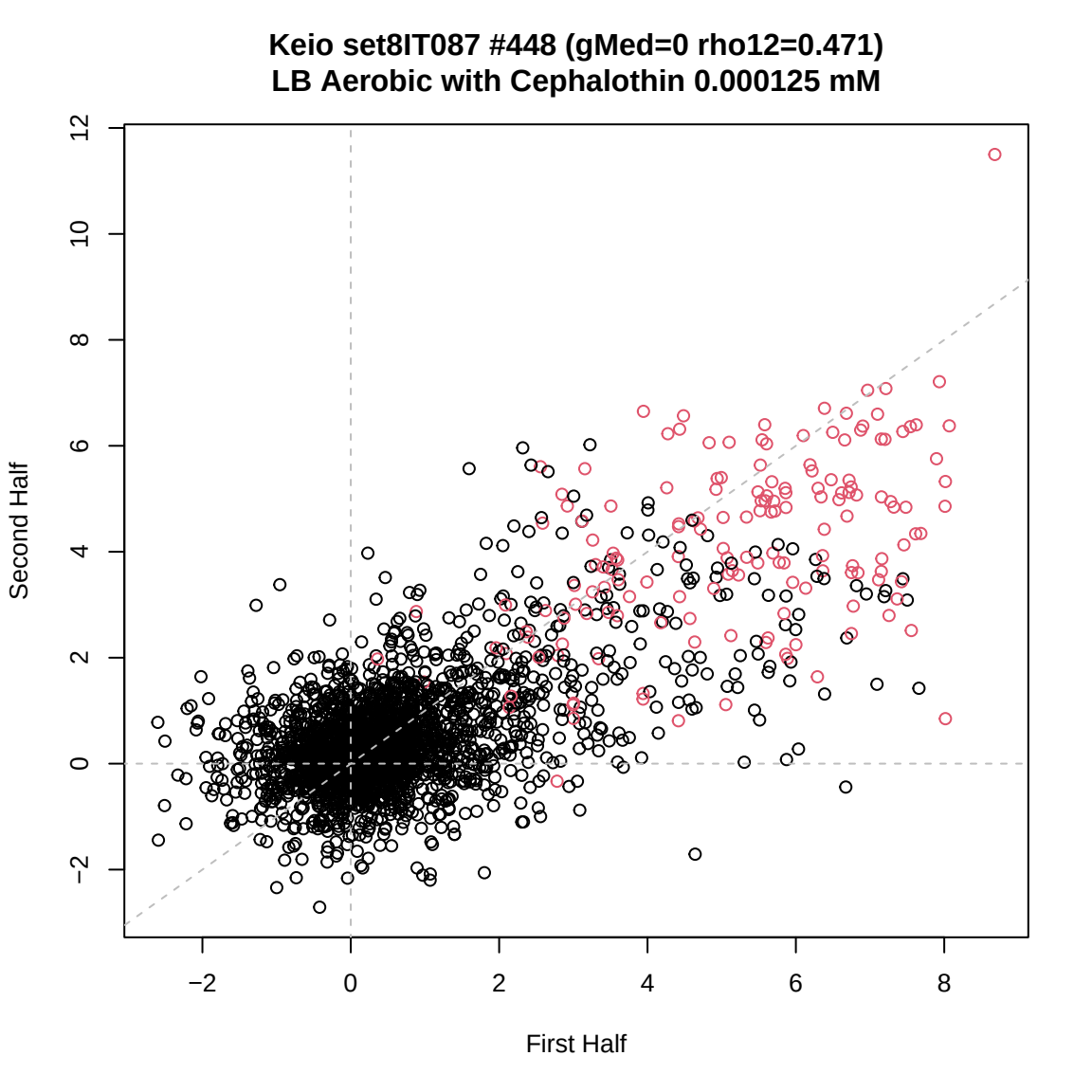

Keio set8IT082 #443 (gMed=103 rho12=0.262)
LB Aerobic with Doxycycline hyclate 0.0000015625 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

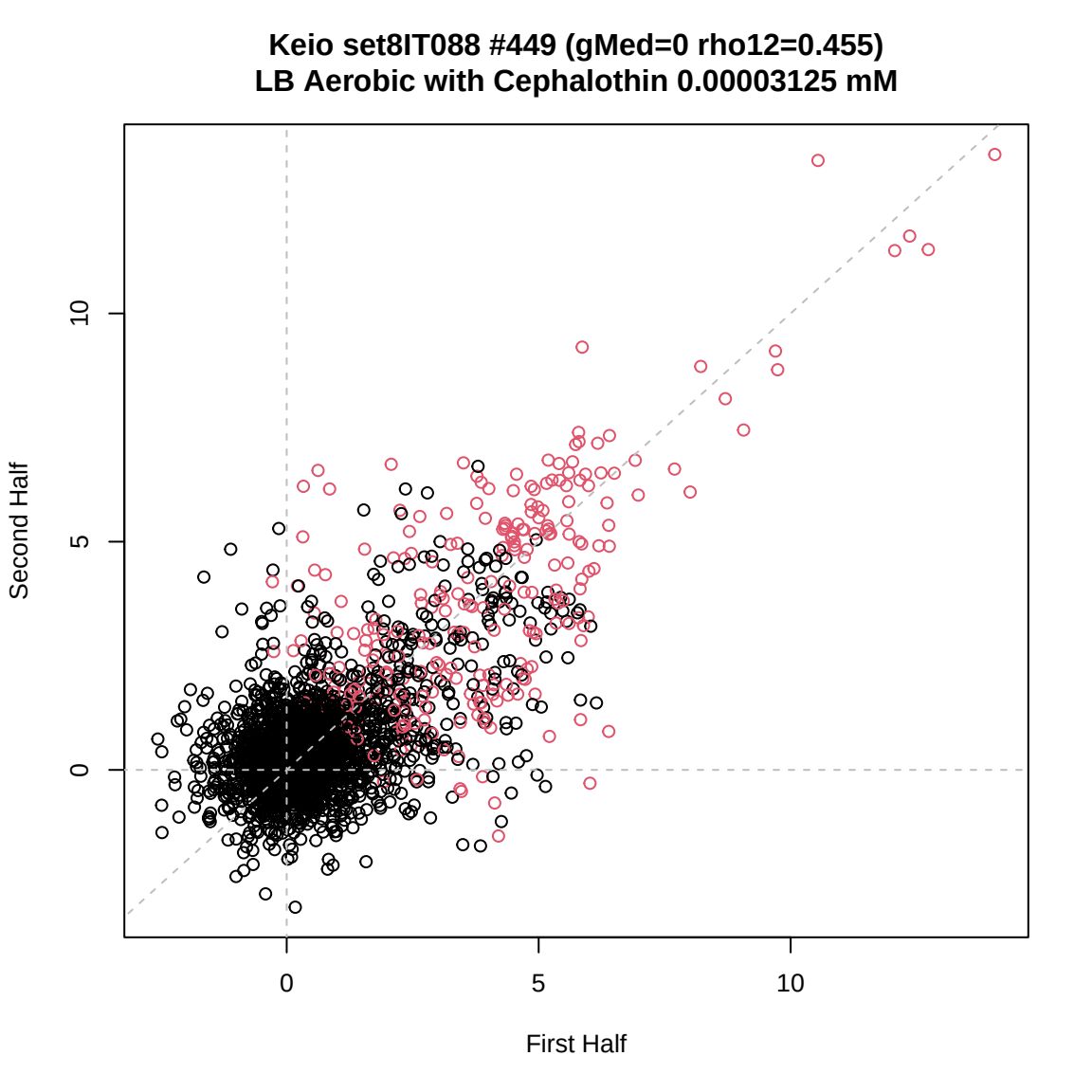

Keio set8IT083 #444 (gMed=11 rho12=0.419)
LB Aerobic with Spectinomycin 0.00003125 mM
Second Half
First Half
0
5
10
0
5
10

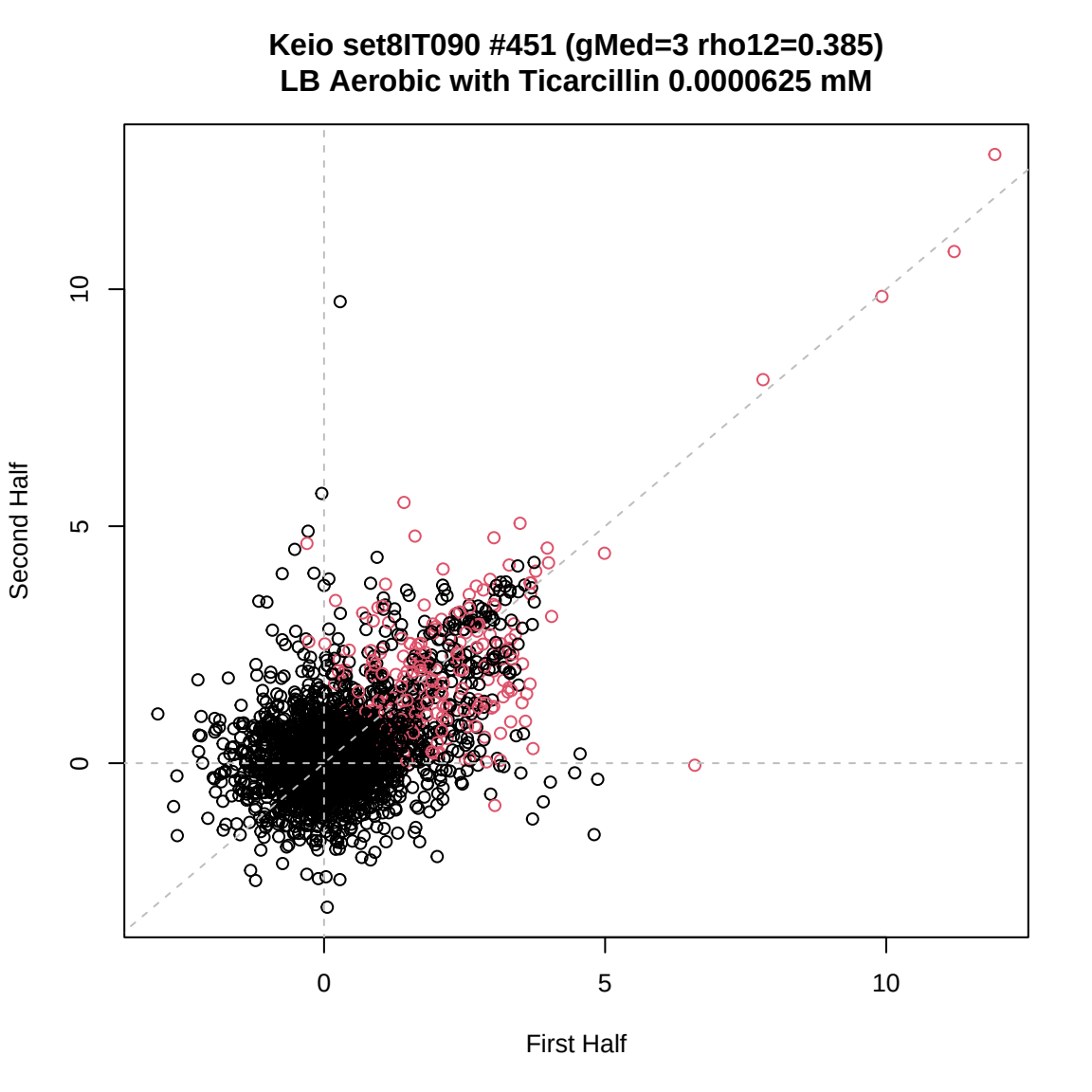

Keio set8IT084 #445 (gMed=122 rho12=0.209)
LB Aerobic with Spectinomycin 0.0000078125 mM
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

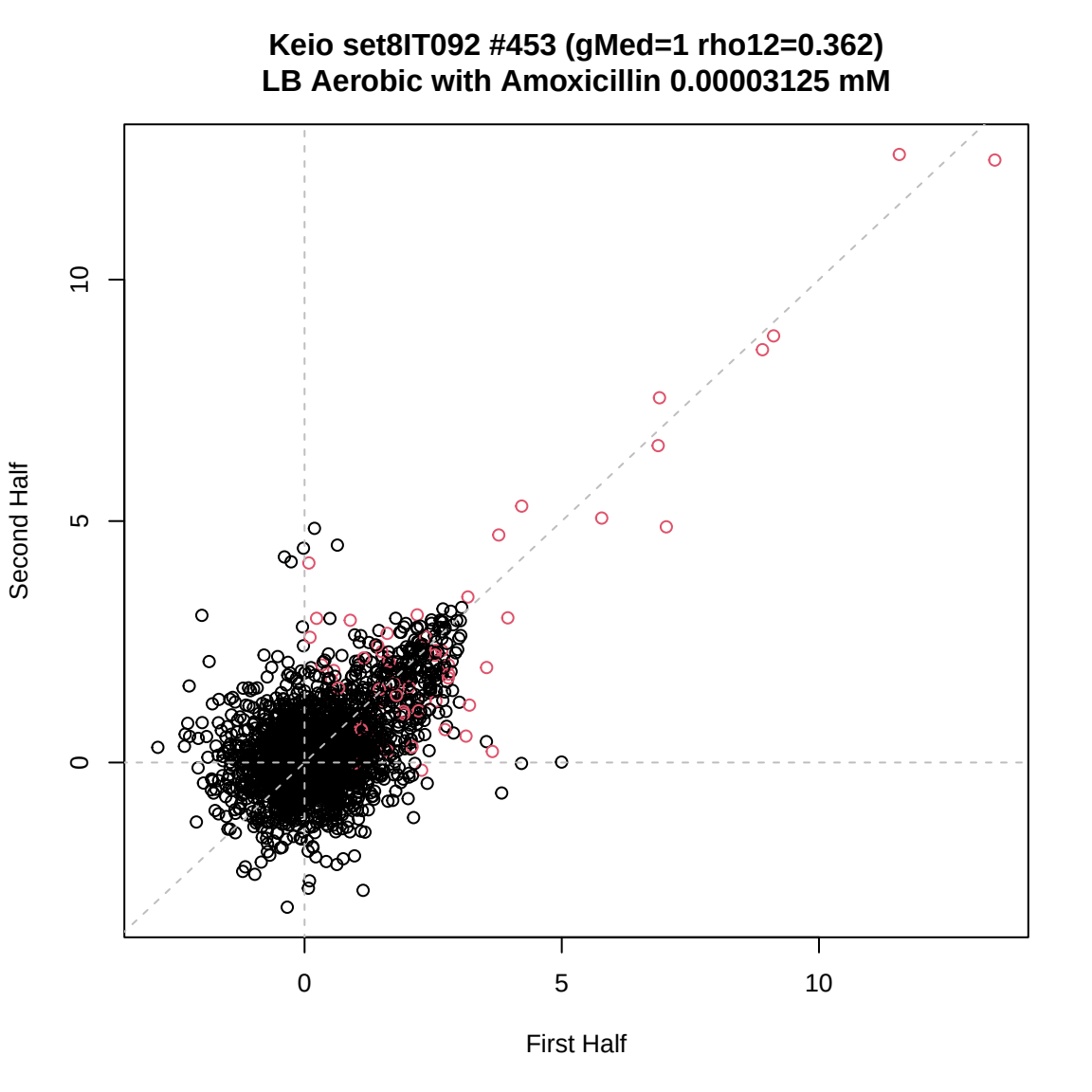

Keio set8IT085 #446 (gMed=9 rho12=0.393)
LB Aerobic with Trimethoprim 0.0000025 mM
Second Half
First Half
0
5
10
0
5
10

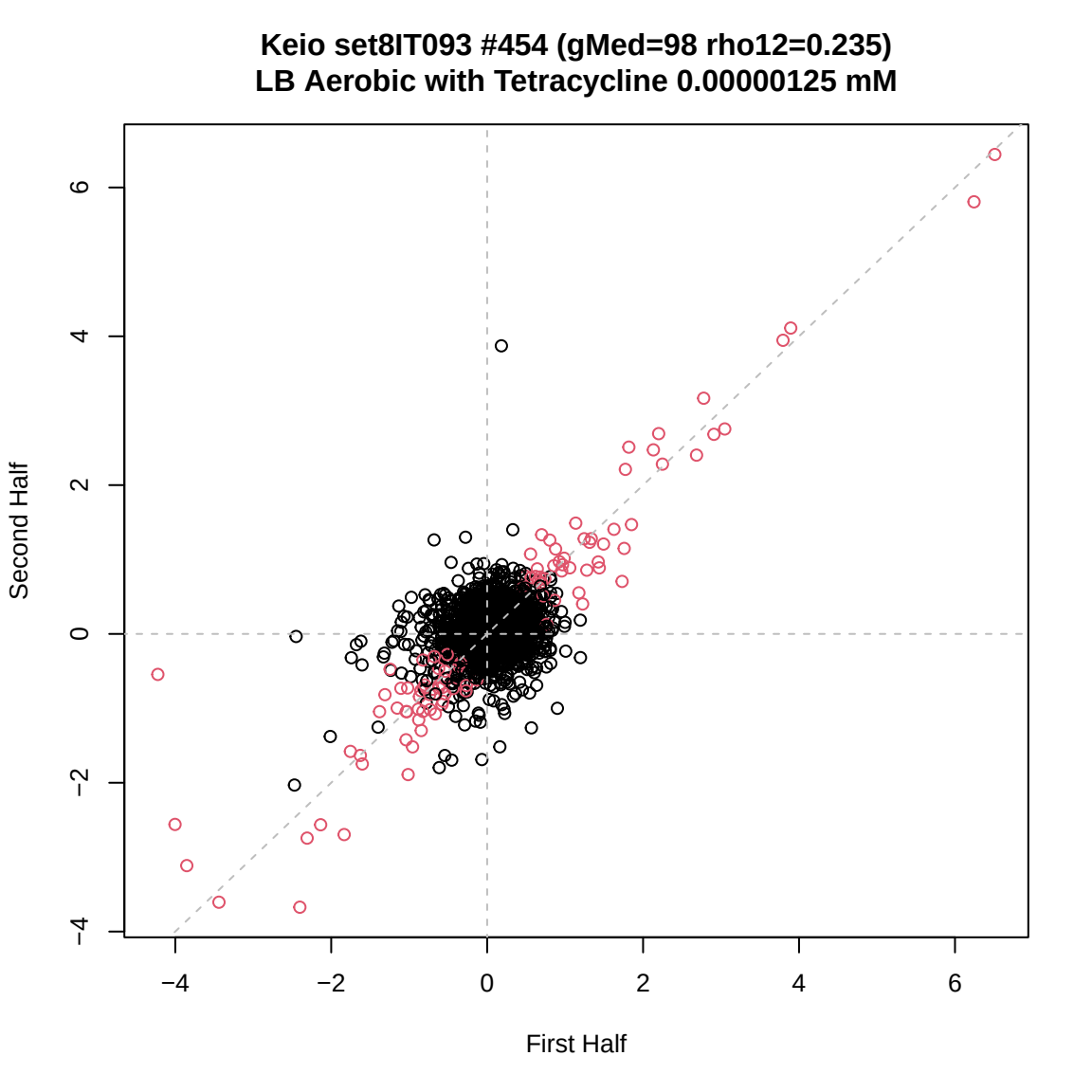

Keio set8IT086 #447 (gMed=132 rho12=0.283)
LB Aerobic with Trimethoprim 0.00000125 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−3
−2
−1
0
1
2
3

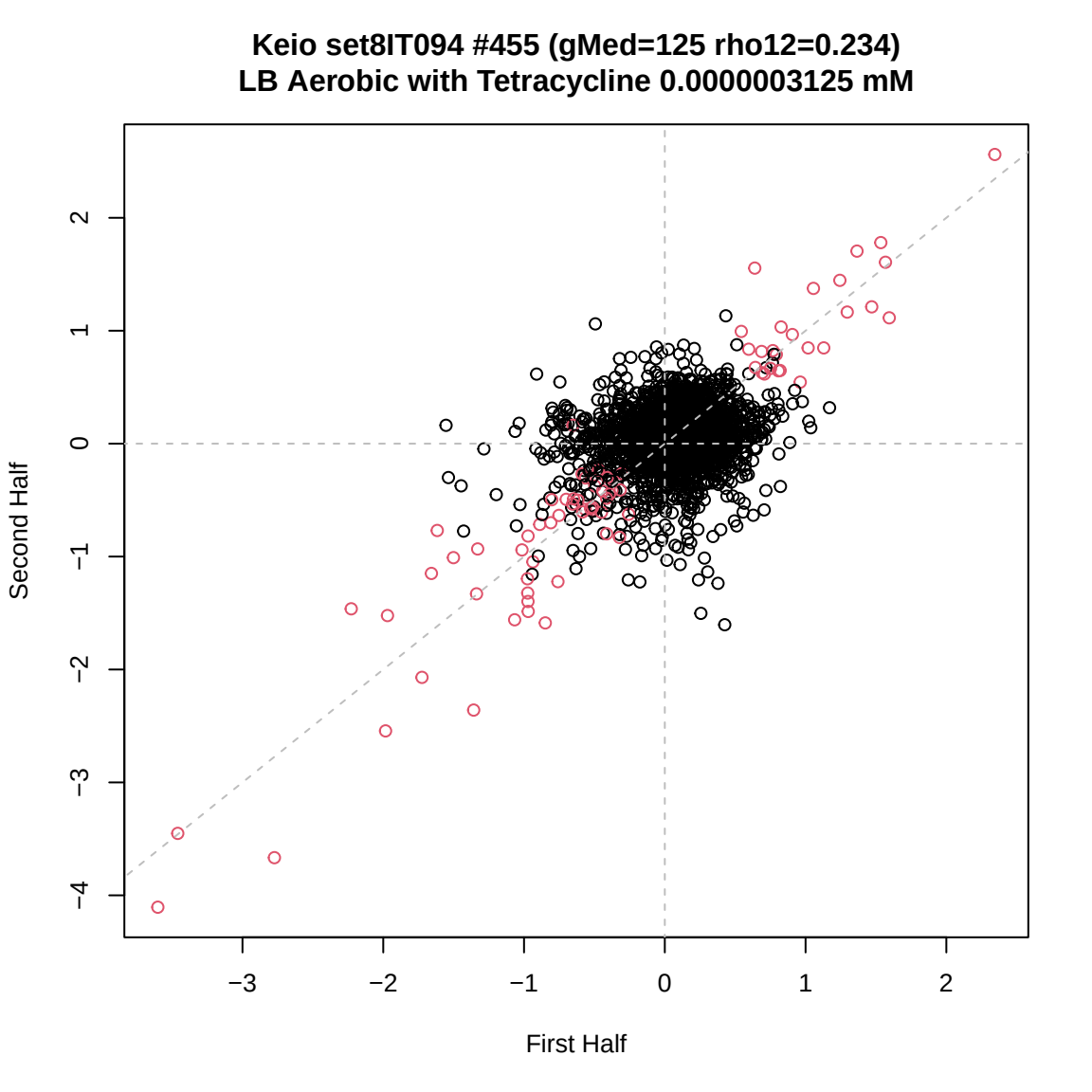

Keio set8IT087 #448 (gMed=0 rho12=0.471)
LB Aerobic with Cephalothin 0.000125 mM
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8

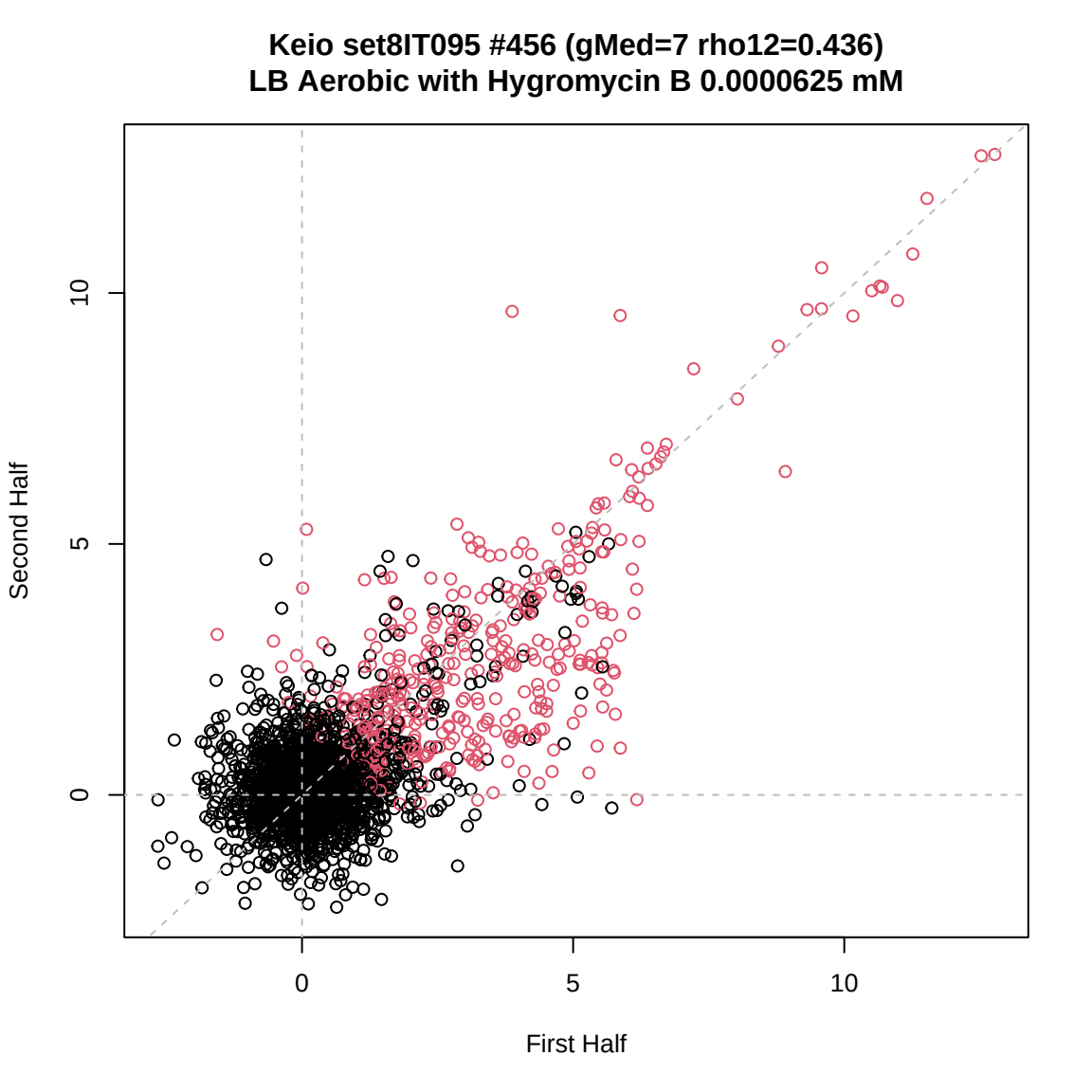

Keio set8IT088 #449 (gMed=0 rho12=0.455)
LB Aerobic with Cephalothin 0.00003125 mM
Second Half
First Half
0
5
10
0
5
10

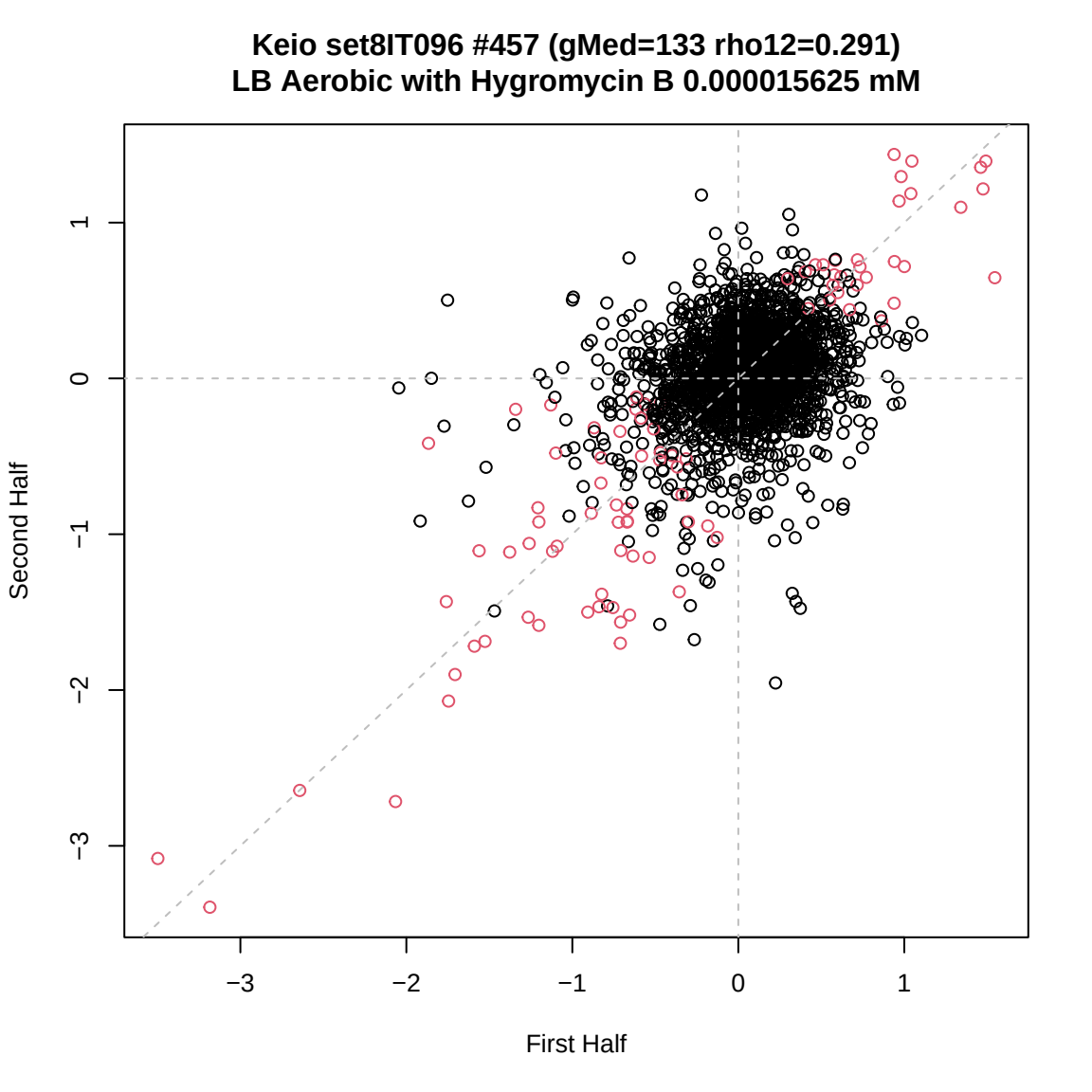

Keio set8IT090 #451 (gMed=3 rho12=0.385)
LB Aerobic with Ticarcillin 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

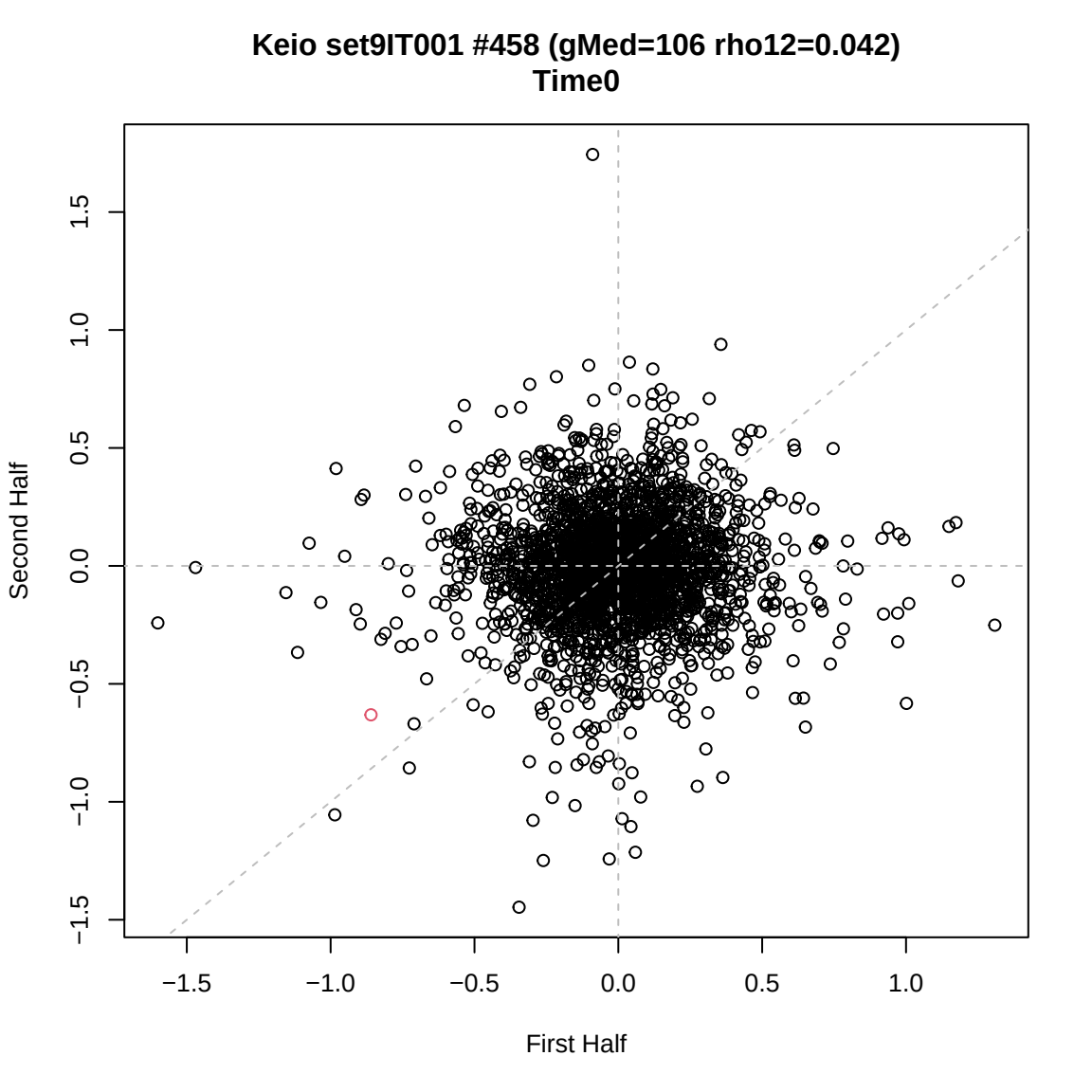

Keio set8IT092 #453 (gMed=1 rho12=0.362)
LB Aerobic with Amoxicillin 0.00003125 mM
Second Half
First Half
0
5
10
0
5
10

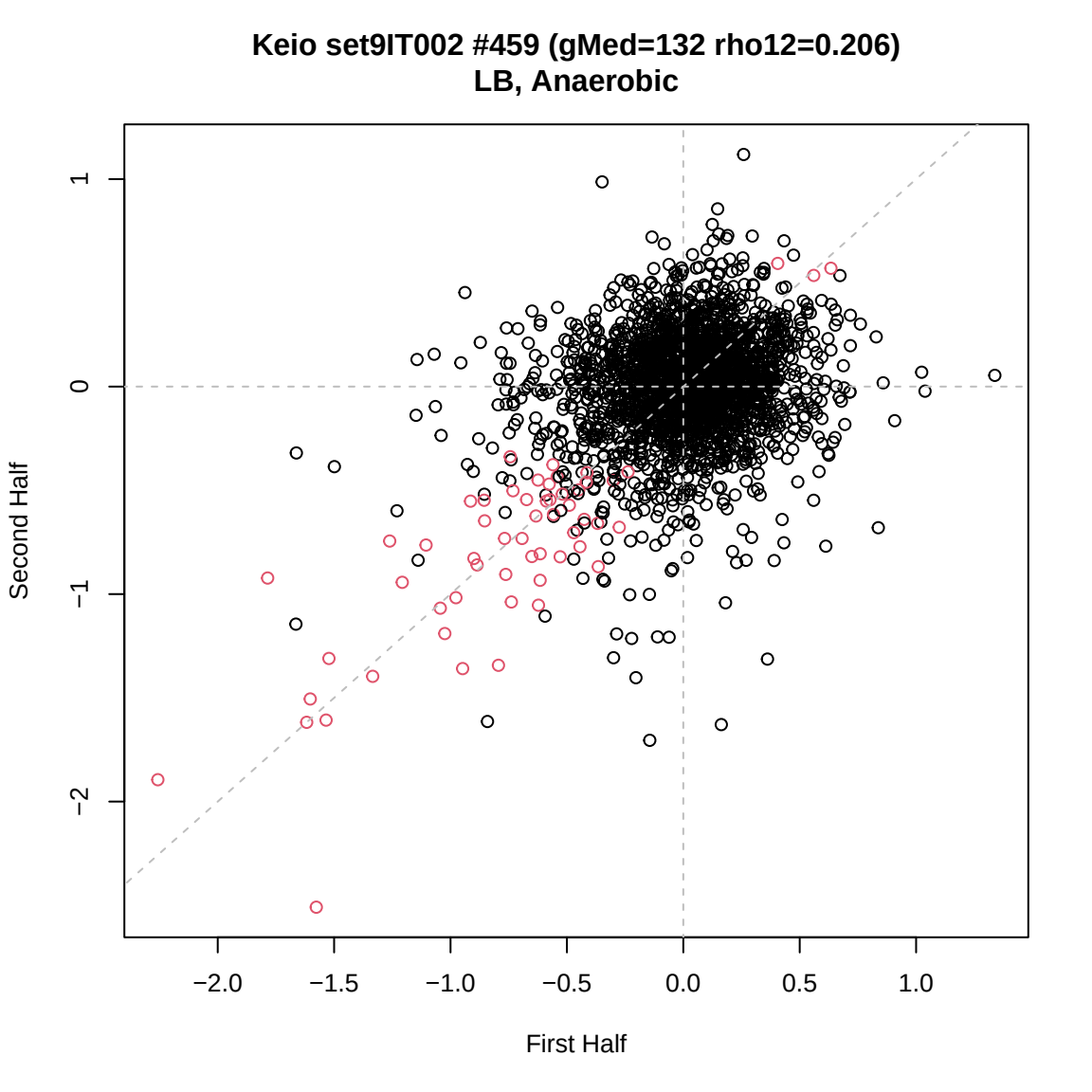

Keio set8IT093 #454 (gMed=98 rho12=0.235)
LB Aerobic with Tetracycline 0.00000125 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

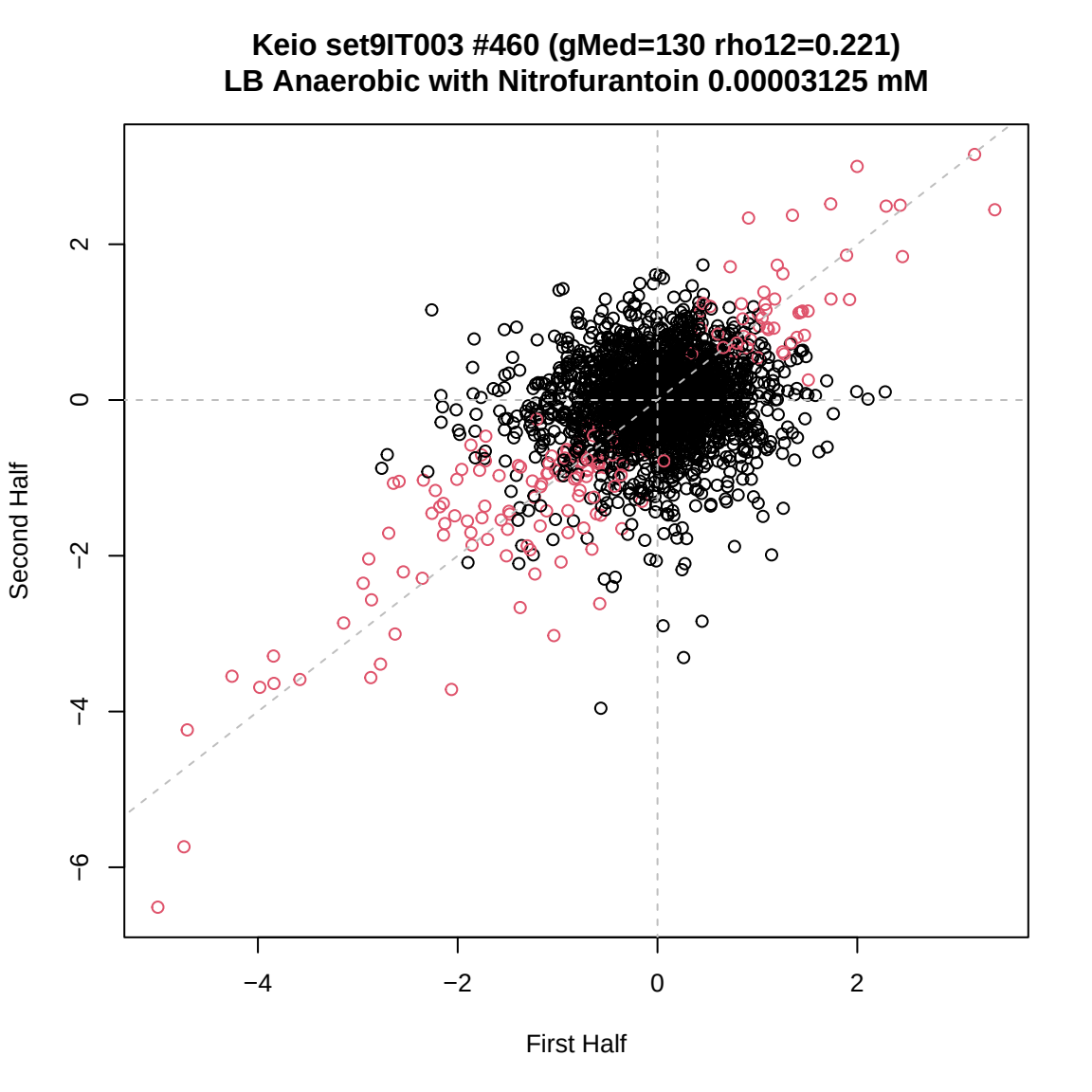

Keio set8IT094 #455 (gMed=125 rho12=0.234)
LB Aerobic with Tetracycline 0.0000003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

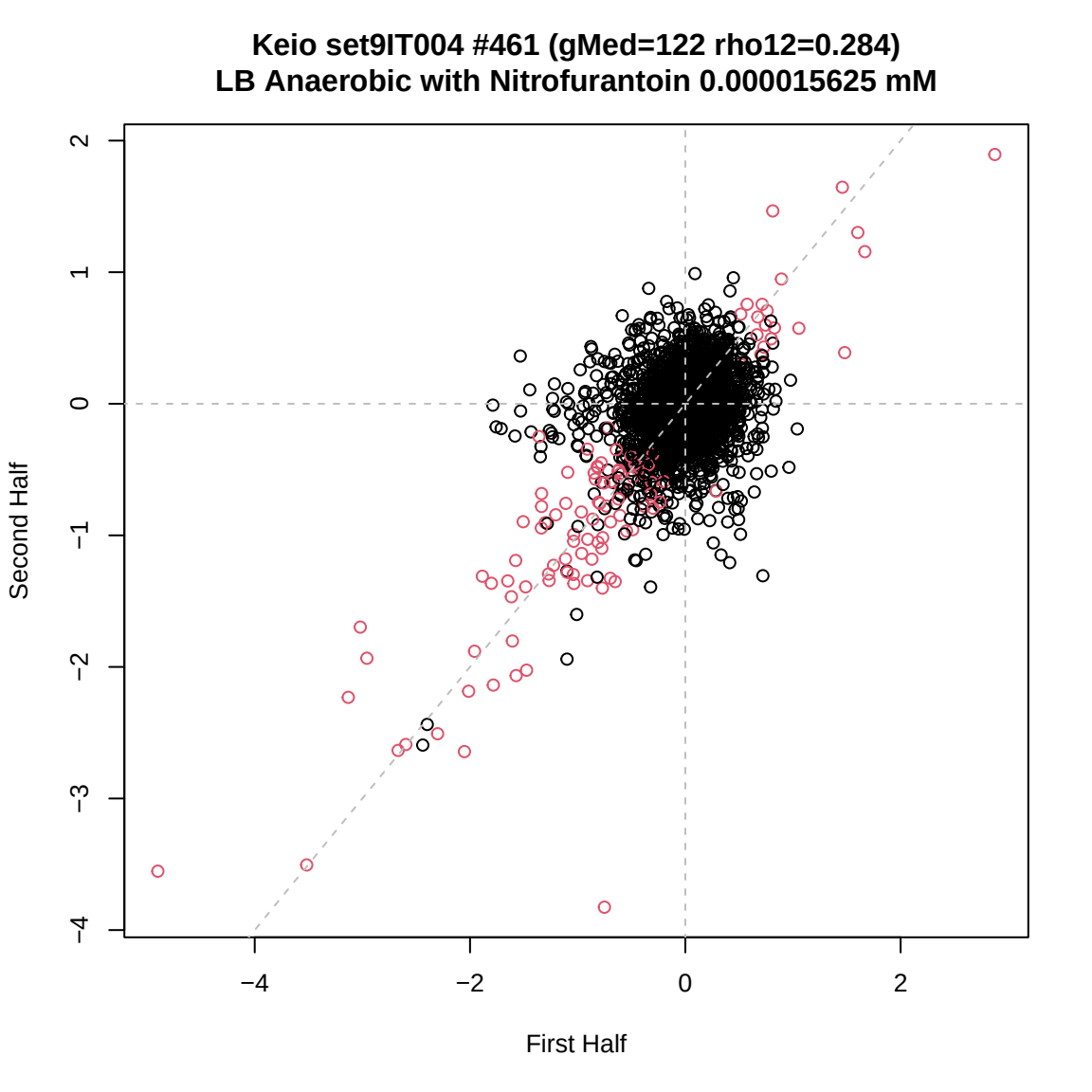

Keio set8IT095 #456 (gMed=7 rho12=0.436)
LB Aerobic with Hygromycin B 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

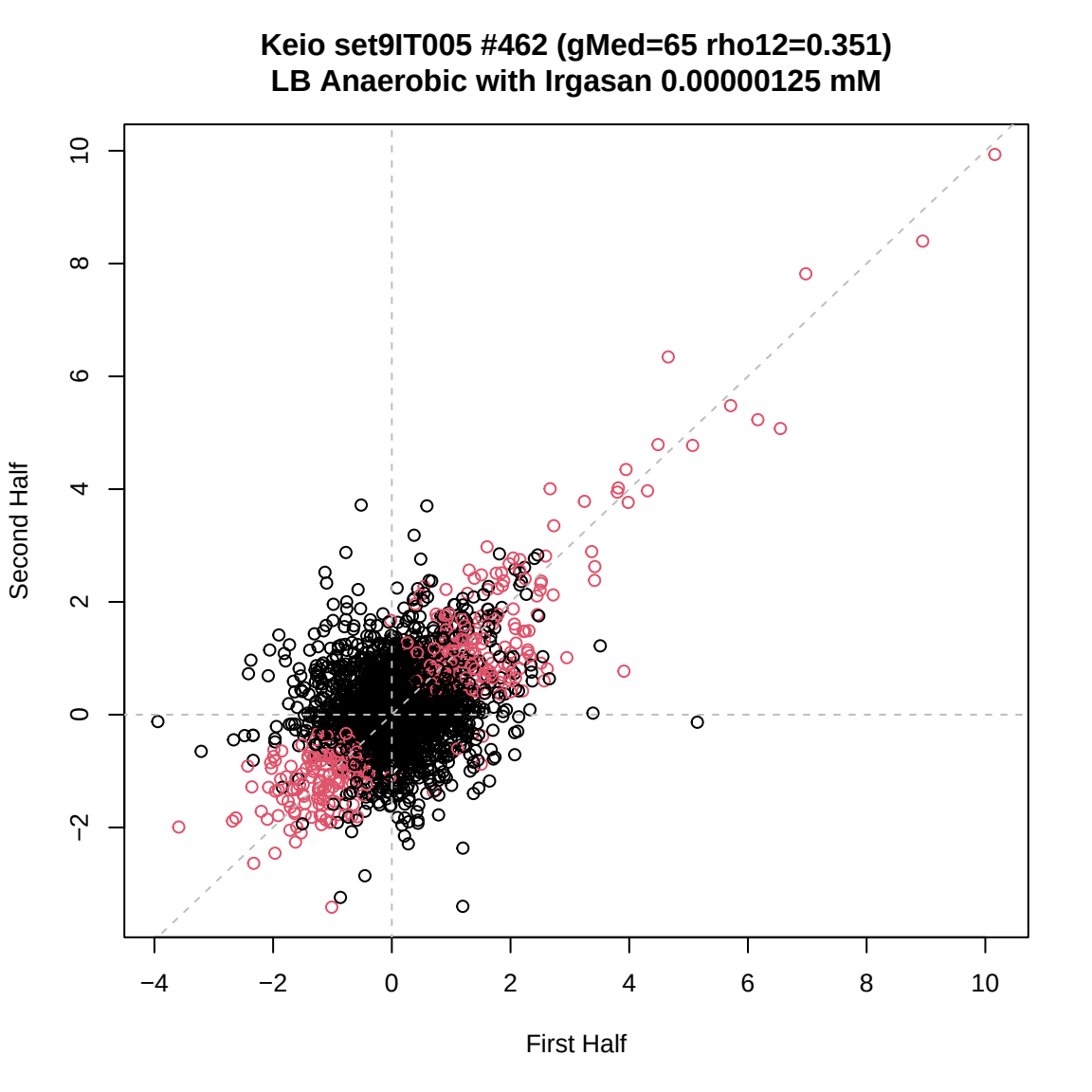

Keio set8lT096 #457 (gMed=133 rho12=0.291)
LB Aerobic with Hygromycin B 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

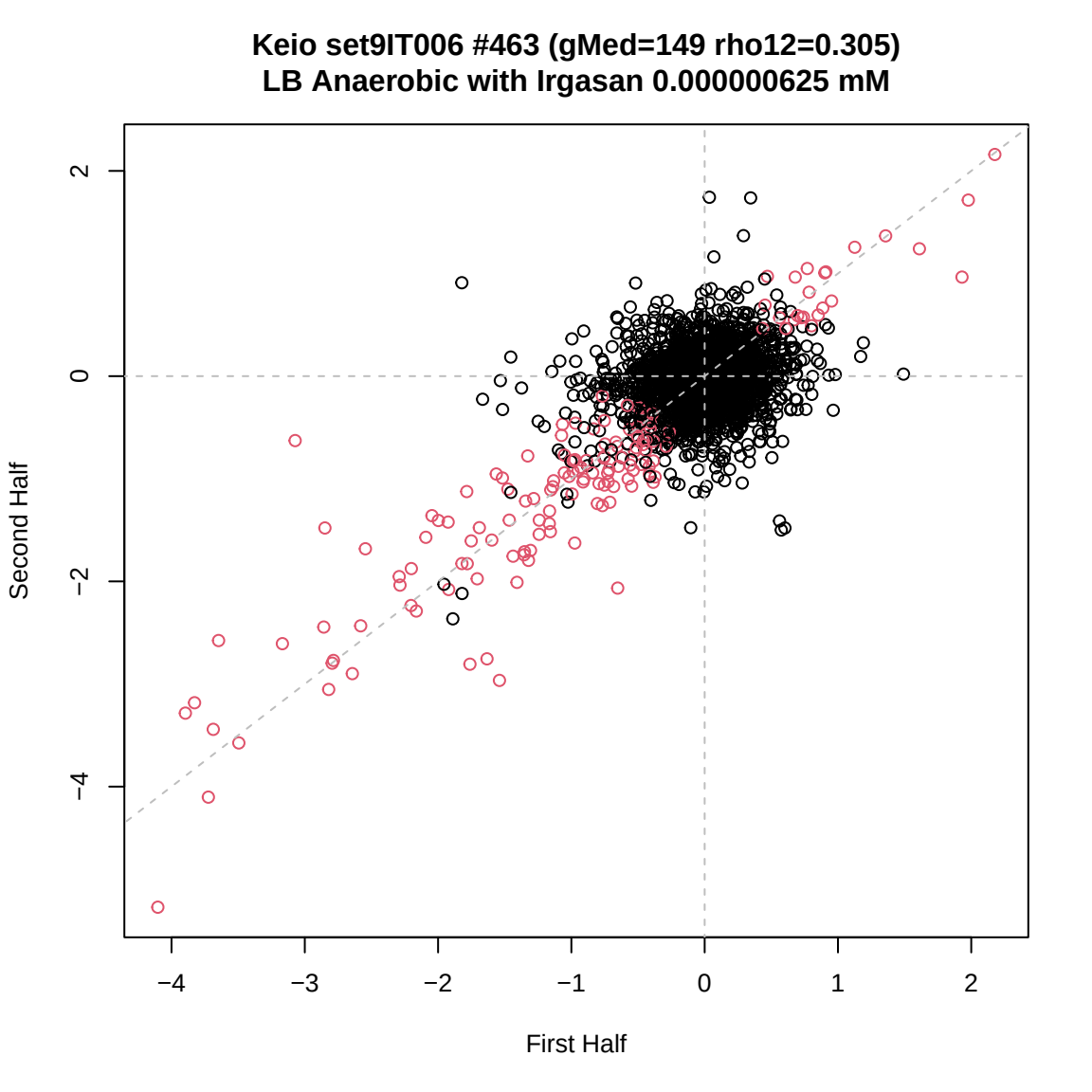

Keio set9IT001 #458 (gMed=106 rho12=0.042)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

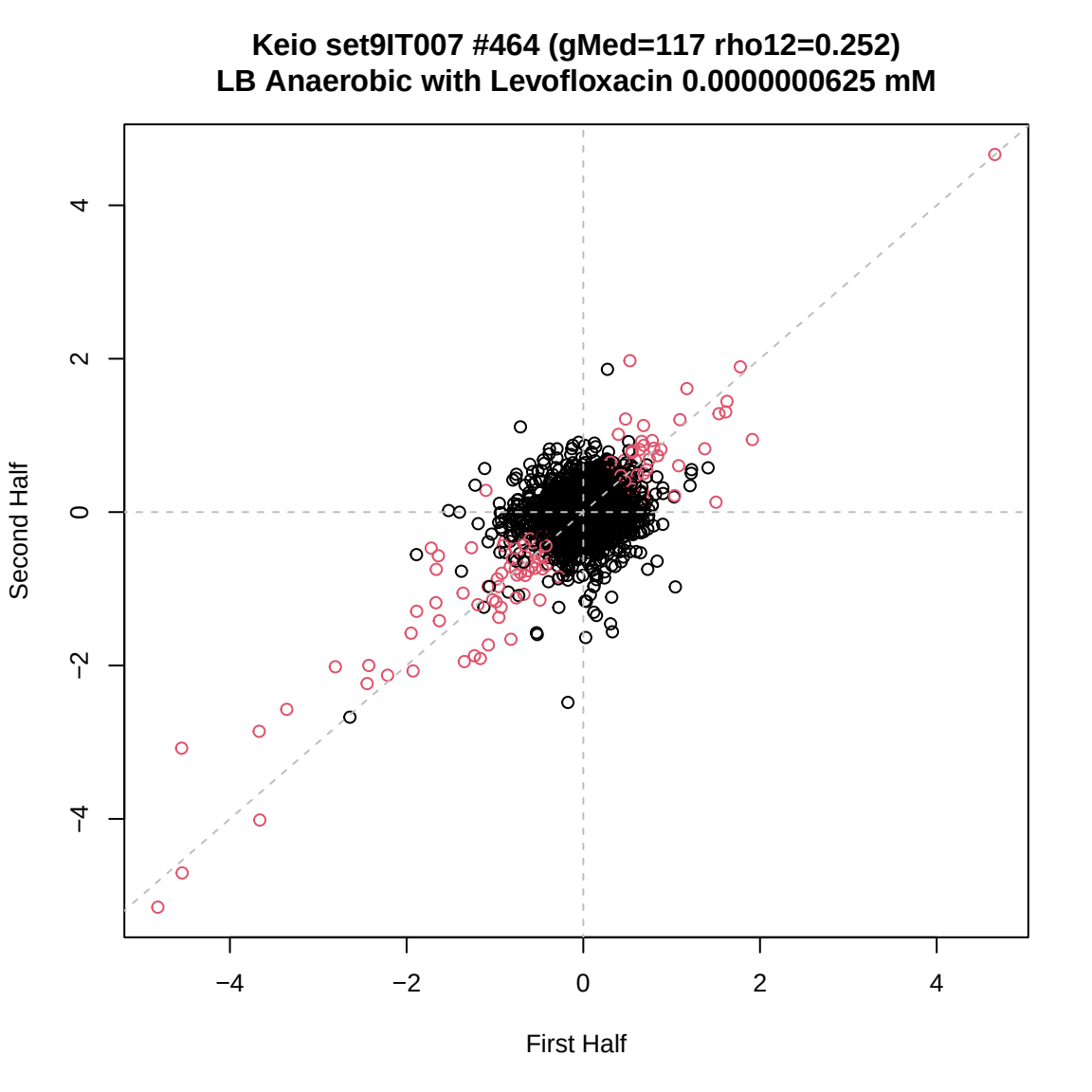

Keio set9IT002 #459 (gMed=132 rho12=0.206)
LB, Anaerobic
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

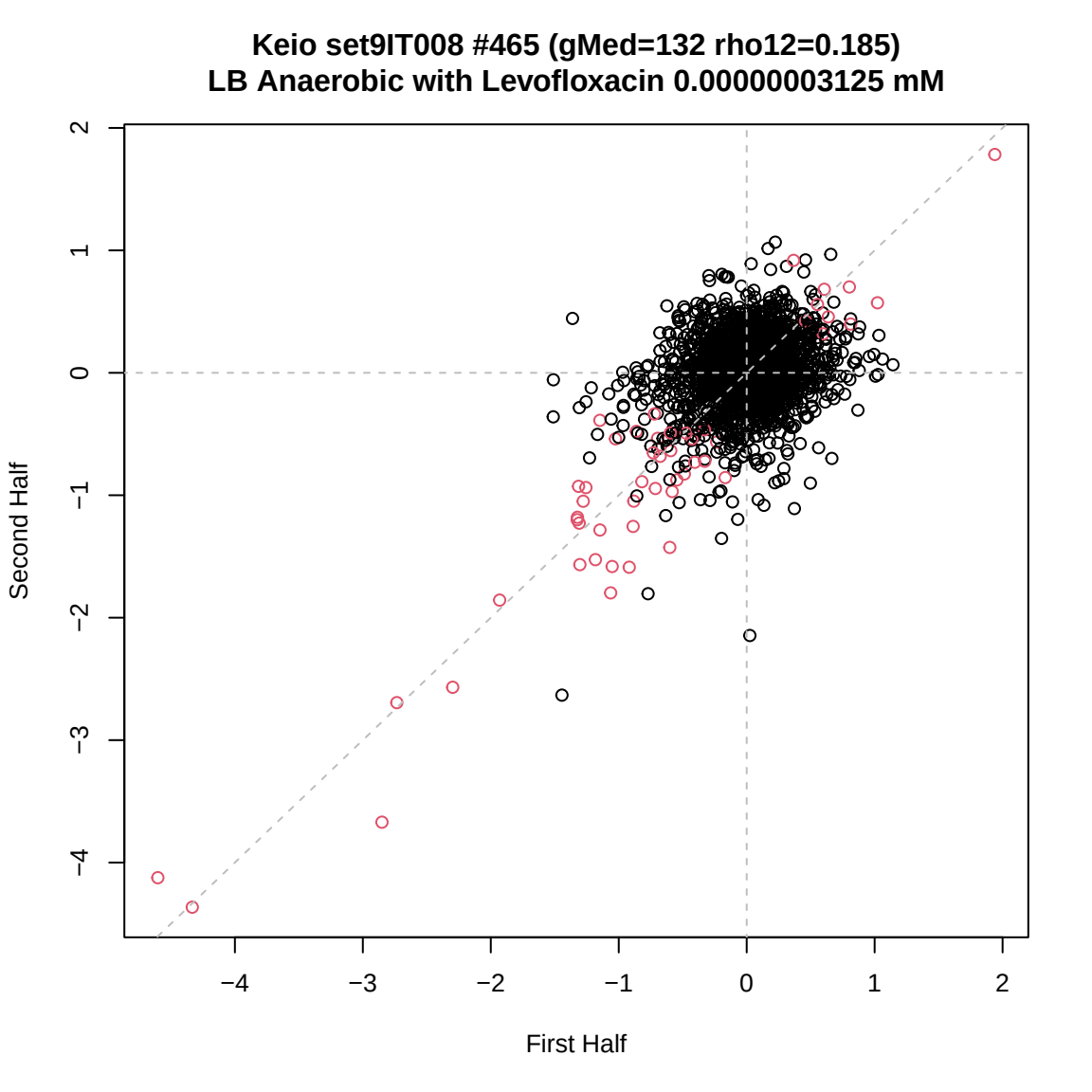

Keio set9IT003 #460 (gMed=130 rho12=0.221)
LB Anaerobic with Nitrofurantoin 0.00003125 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

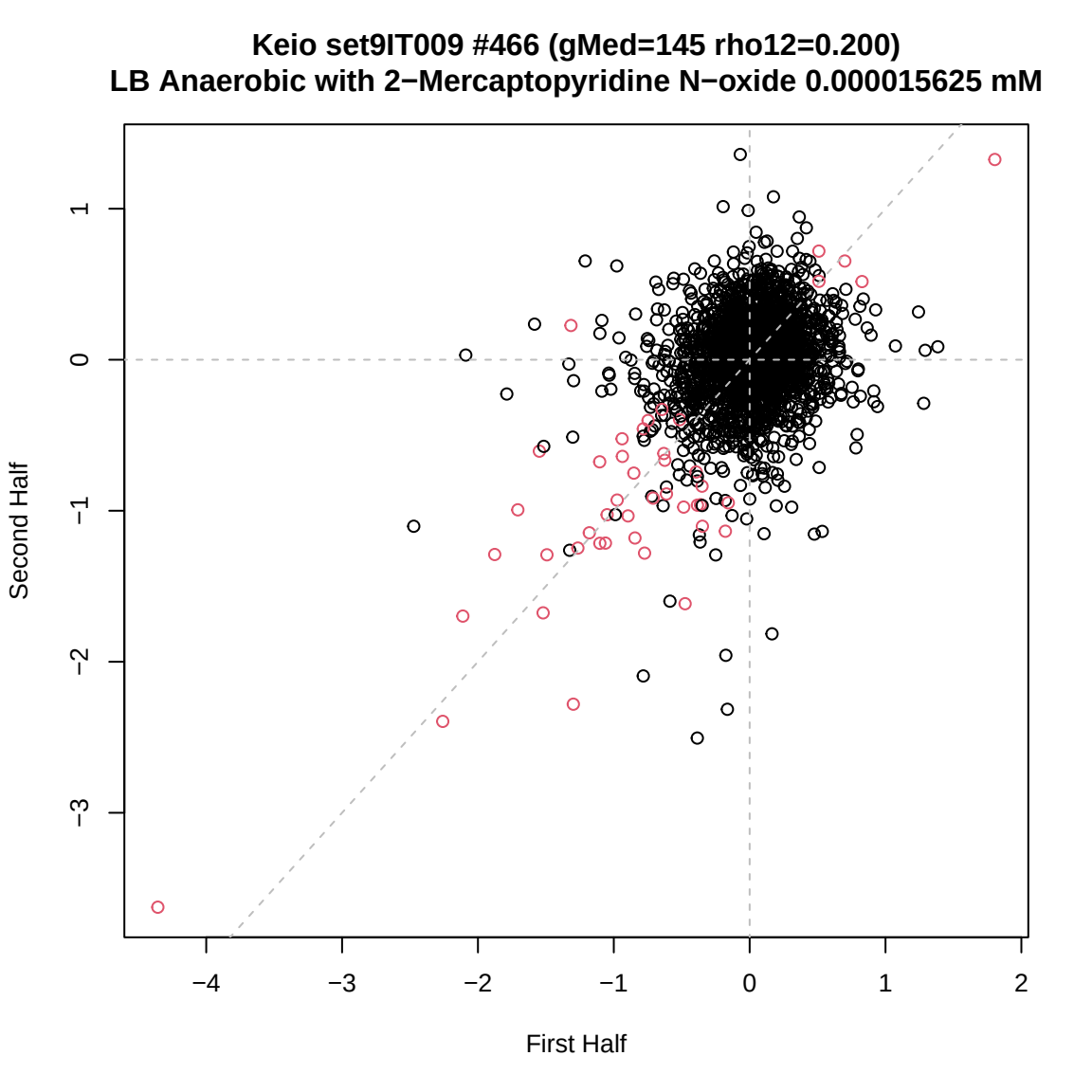

Keio set9IT004 #461 (gMed=122 rho12=0.284)
LB Anaerobic with Nitrofurantoin 0.000015625 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

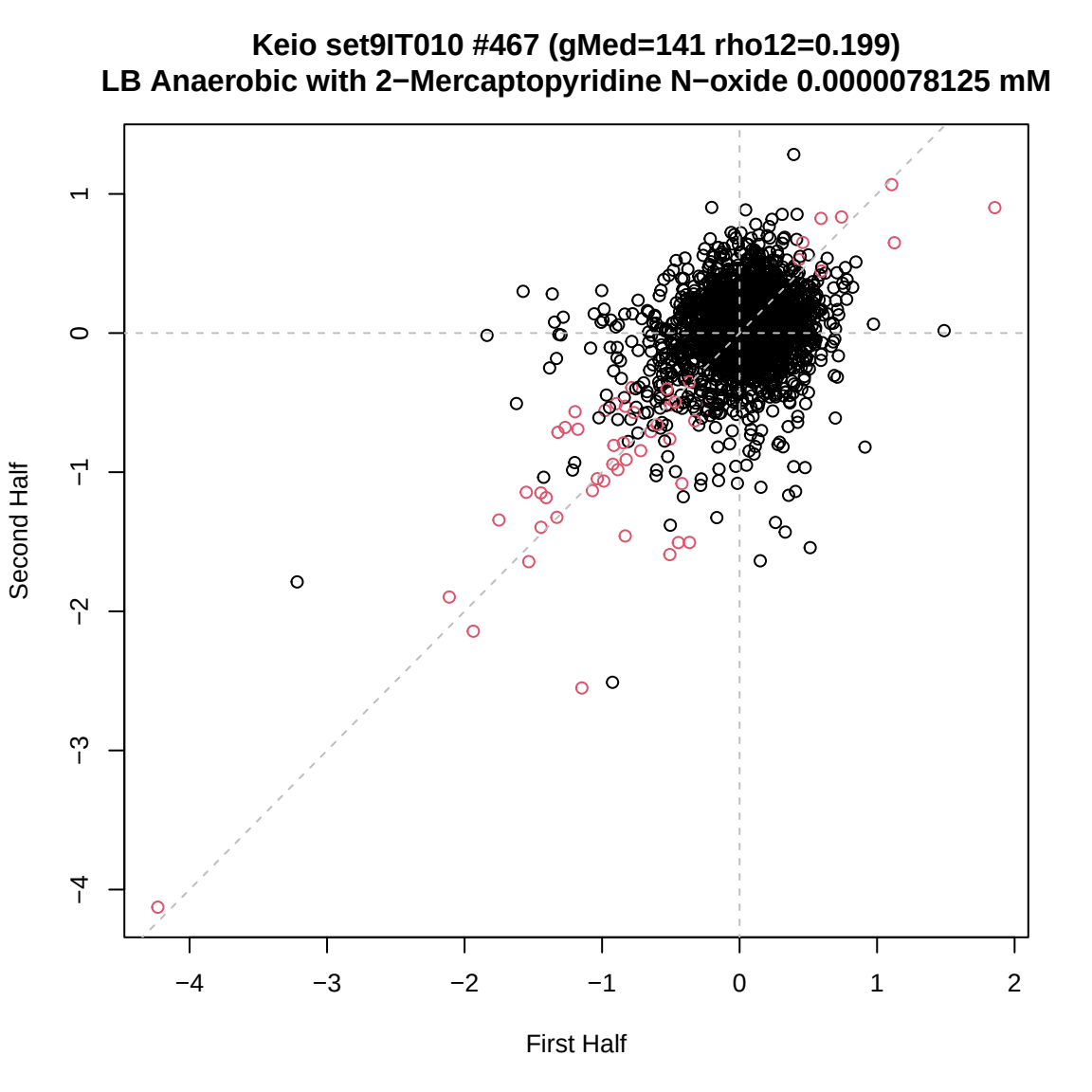

Keio set9IT005 #462 (gMed=65 rho12=0.351)
LB Anaerobic with Irgasan 0.00000125 mM
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

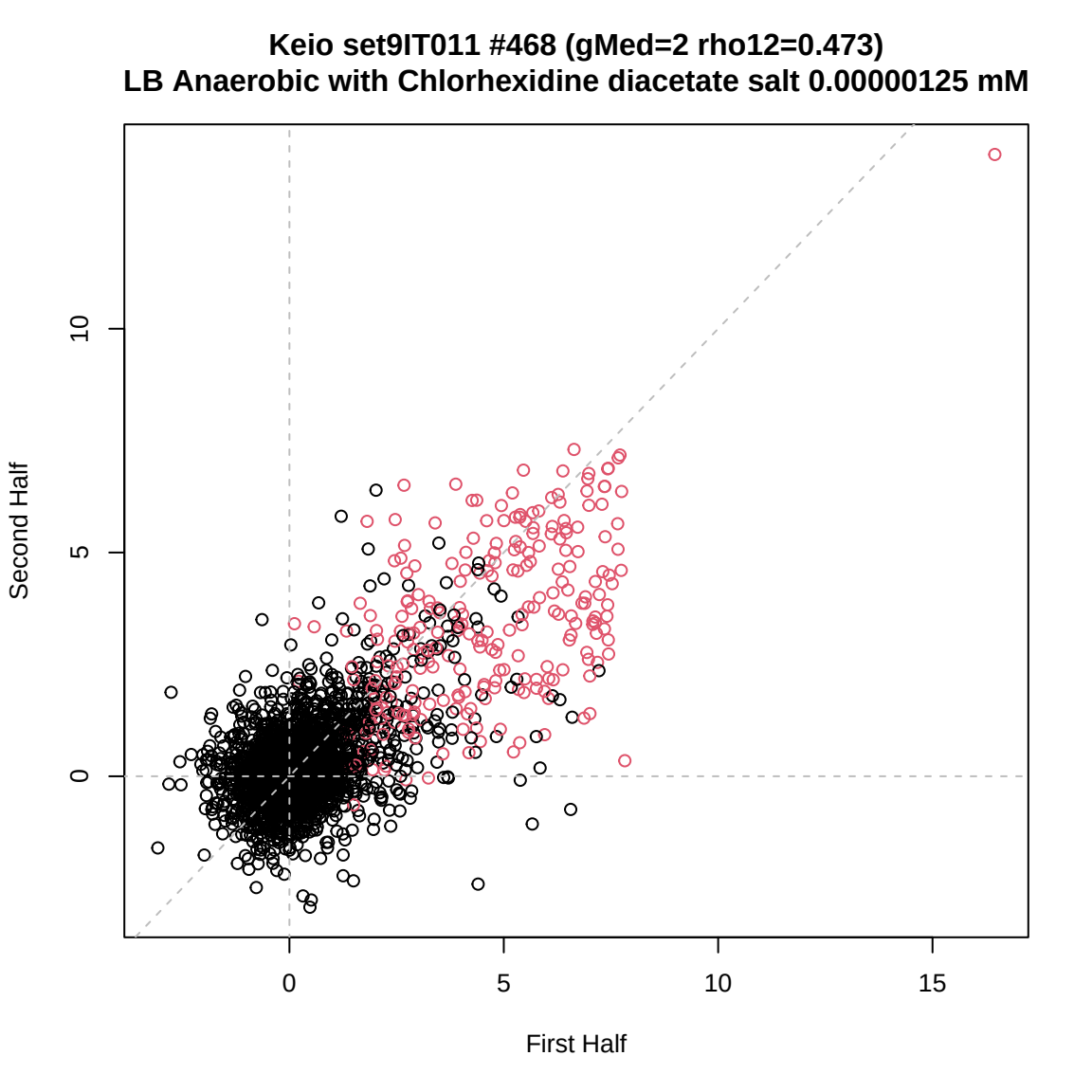

Keio set9IT006 #463 (gMed=149 rho12=0.305)
LB Anaerobic with Irgasan 0.000000625 mM
Second Half
First Half
2
0
−2
−4
−4
−3
−2
−1
0
1
2

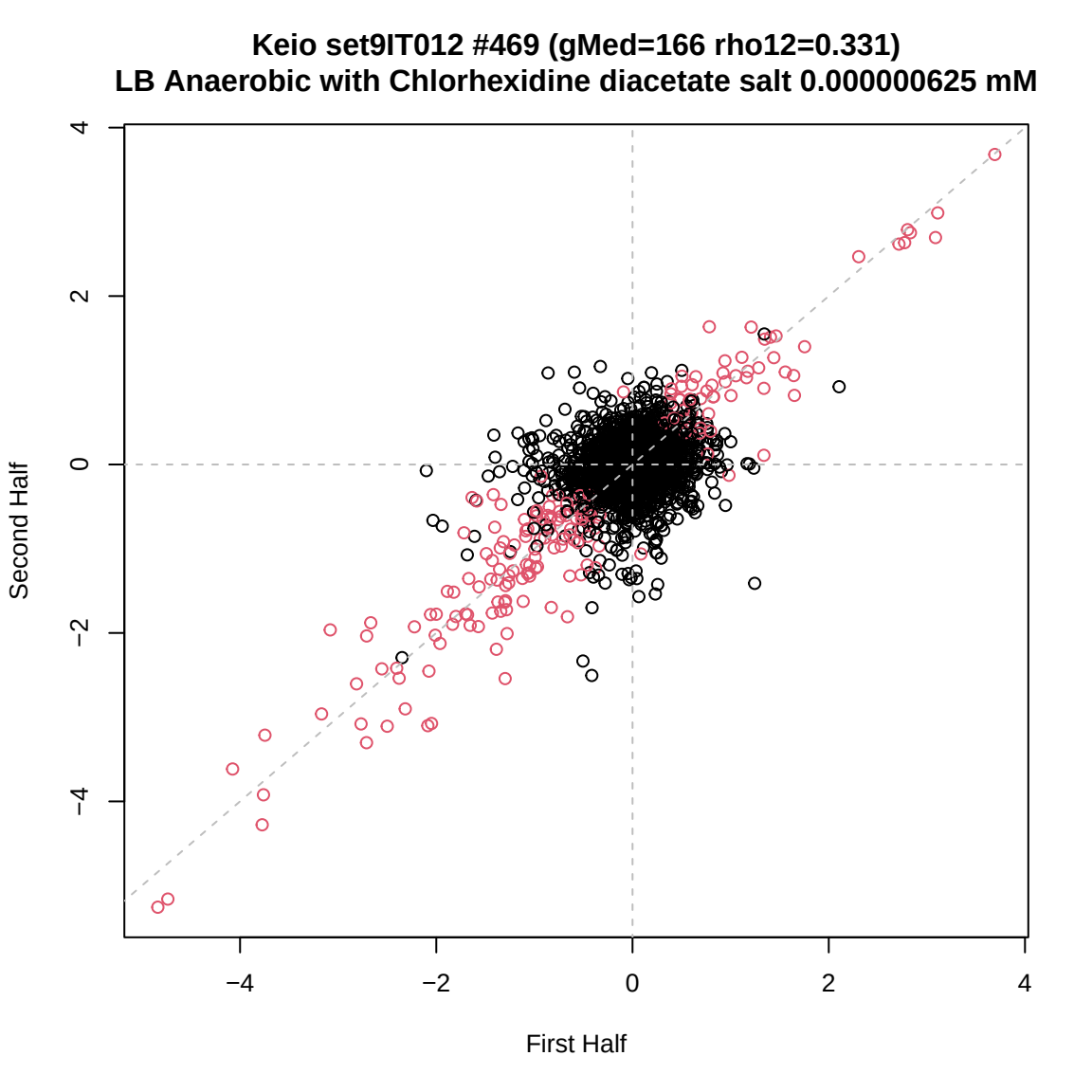

Keio set9IT007 #464 (gMed=117 rho12=0.252)
LB Anaerobic with Levofloxacin 0.0000000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

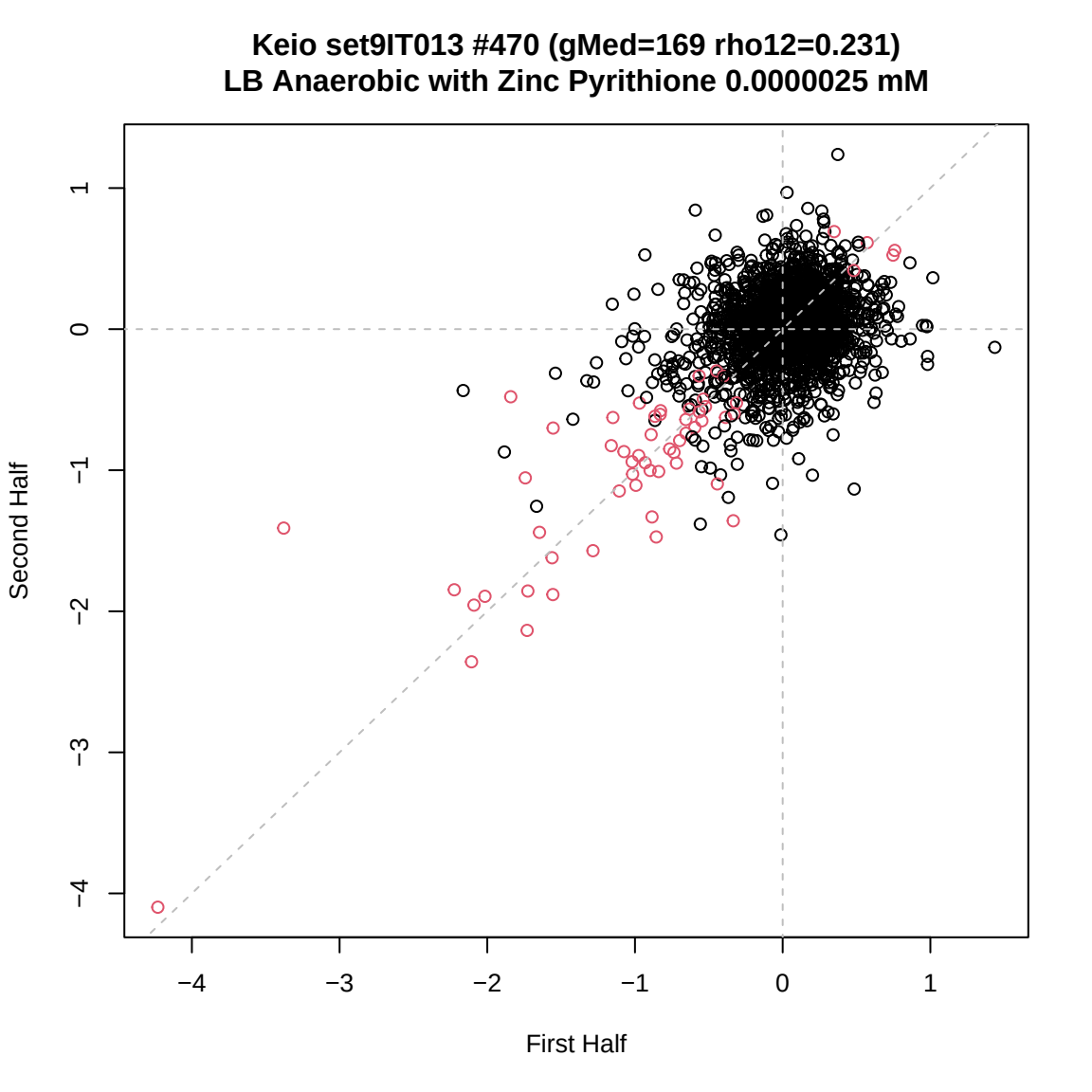

Keio set9IT008 #465 (gMed=132 rho12=0.185)
LB Anaerobic with Levofloxacin 0.00000003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

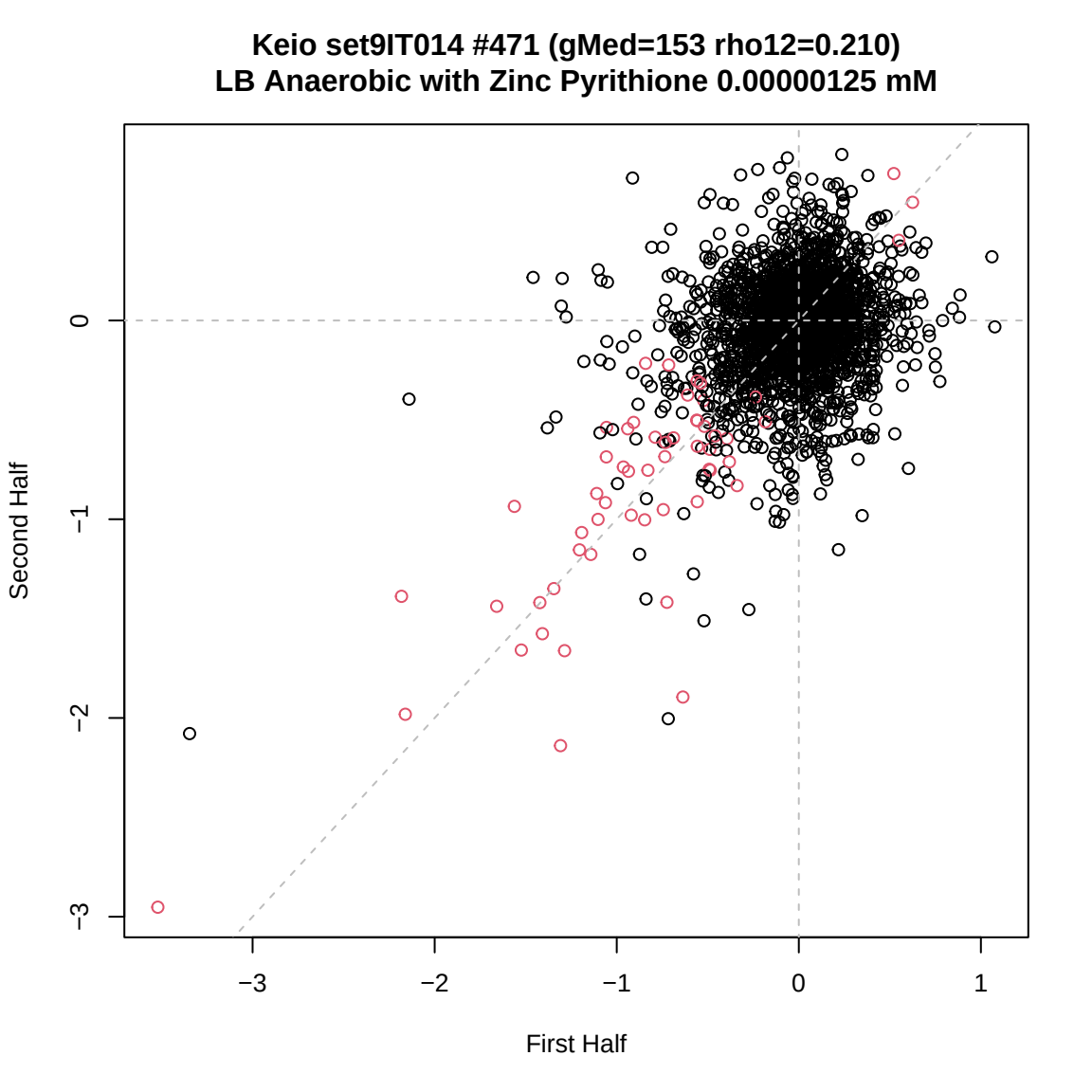

Keio set9IT009 #466 (gMed=145 rho12=0.200)
LB Anaerobic with 2−Mercaptopyridine N−oxide 0.000015625 mM
Second Half
First Half
−4
−3
−2
−1
0
1
2
−3
−2
−1
0
1

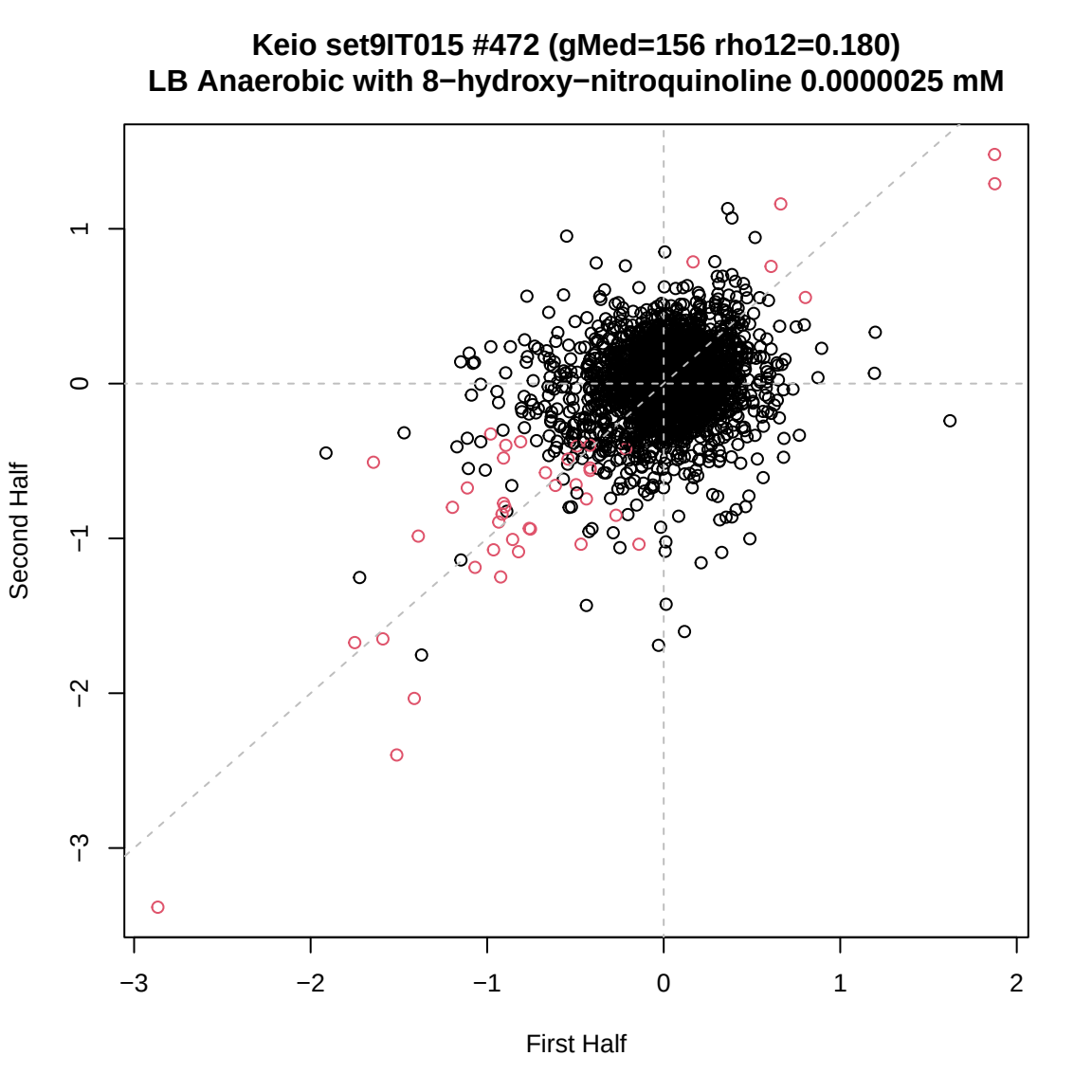

Keio set9IT010 #467 (gMed=141 rho12=0.199)
LB Anaerobic with 2−Mercaptopyridine N−oxide 0.0000078125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

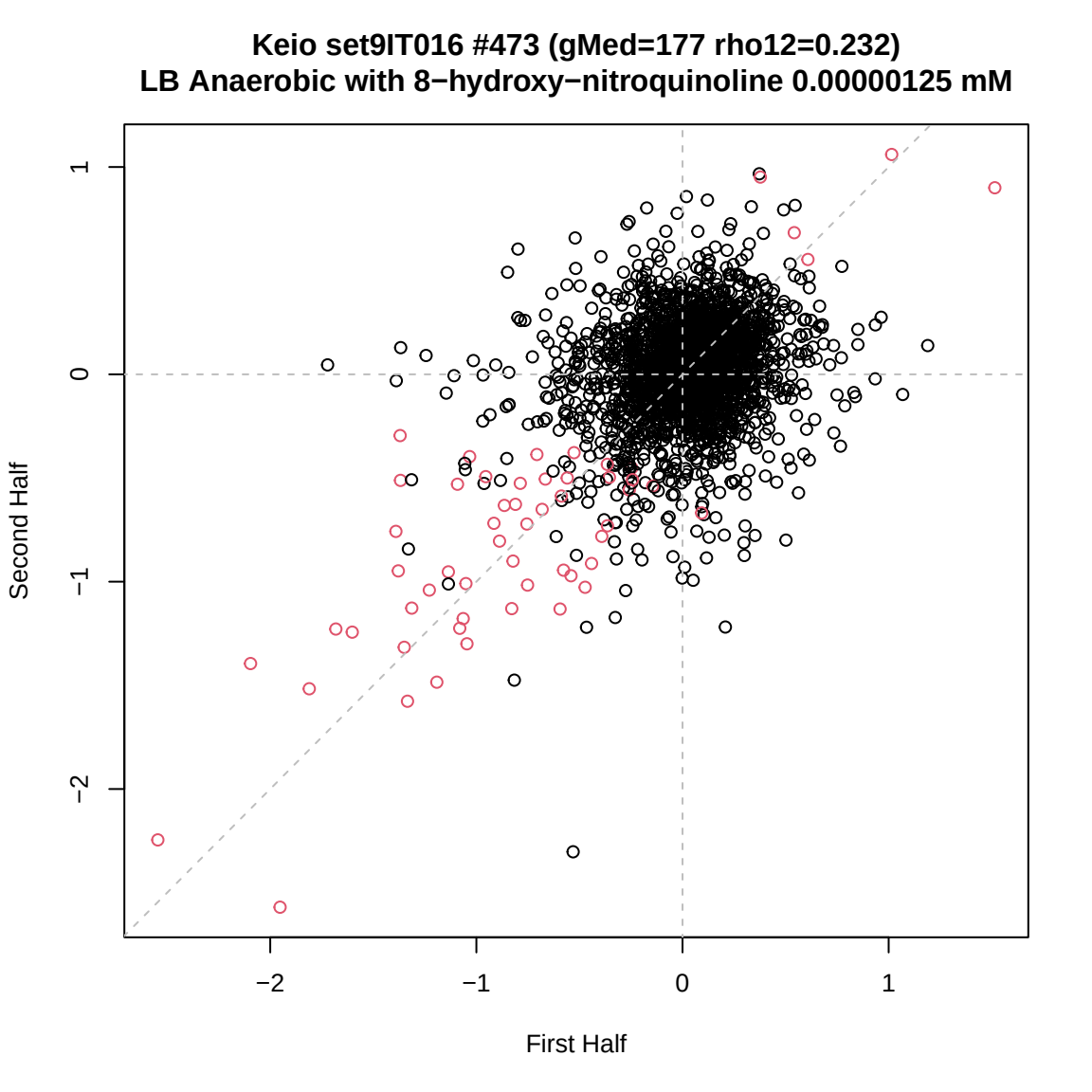

Keio set9IT011 #468 (gMed=2 rho12=0.473)
LB Anaerobic with Chlorhexidine diacetate salt 0.00000125 mM
Second Half
First Half
0
5
10
15
0
5
10

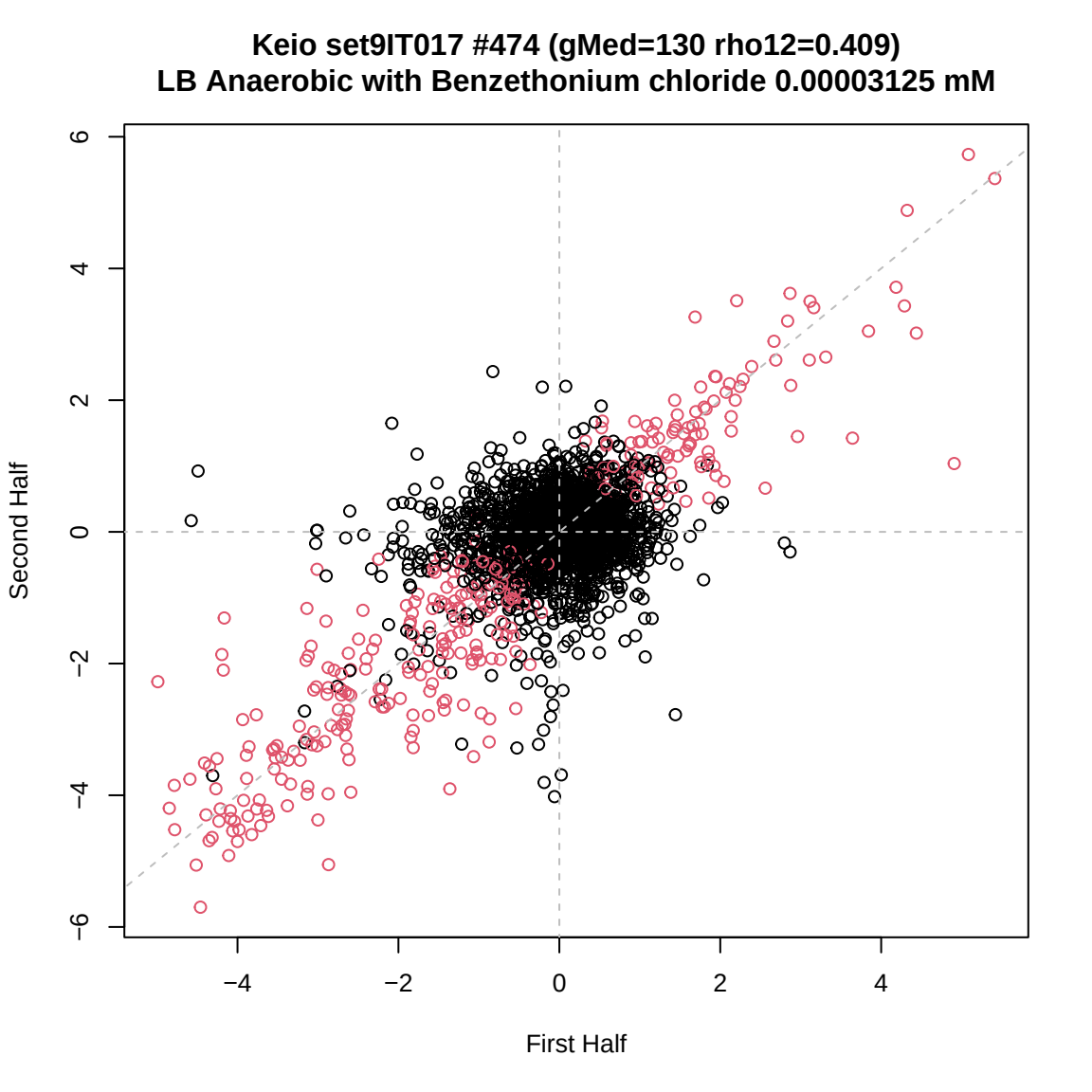

Keio set9IT012 #469 (gMed=166 rho12=0.331)
LB Anaerobic with Chlorhexidine diacetate salt 0.000000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

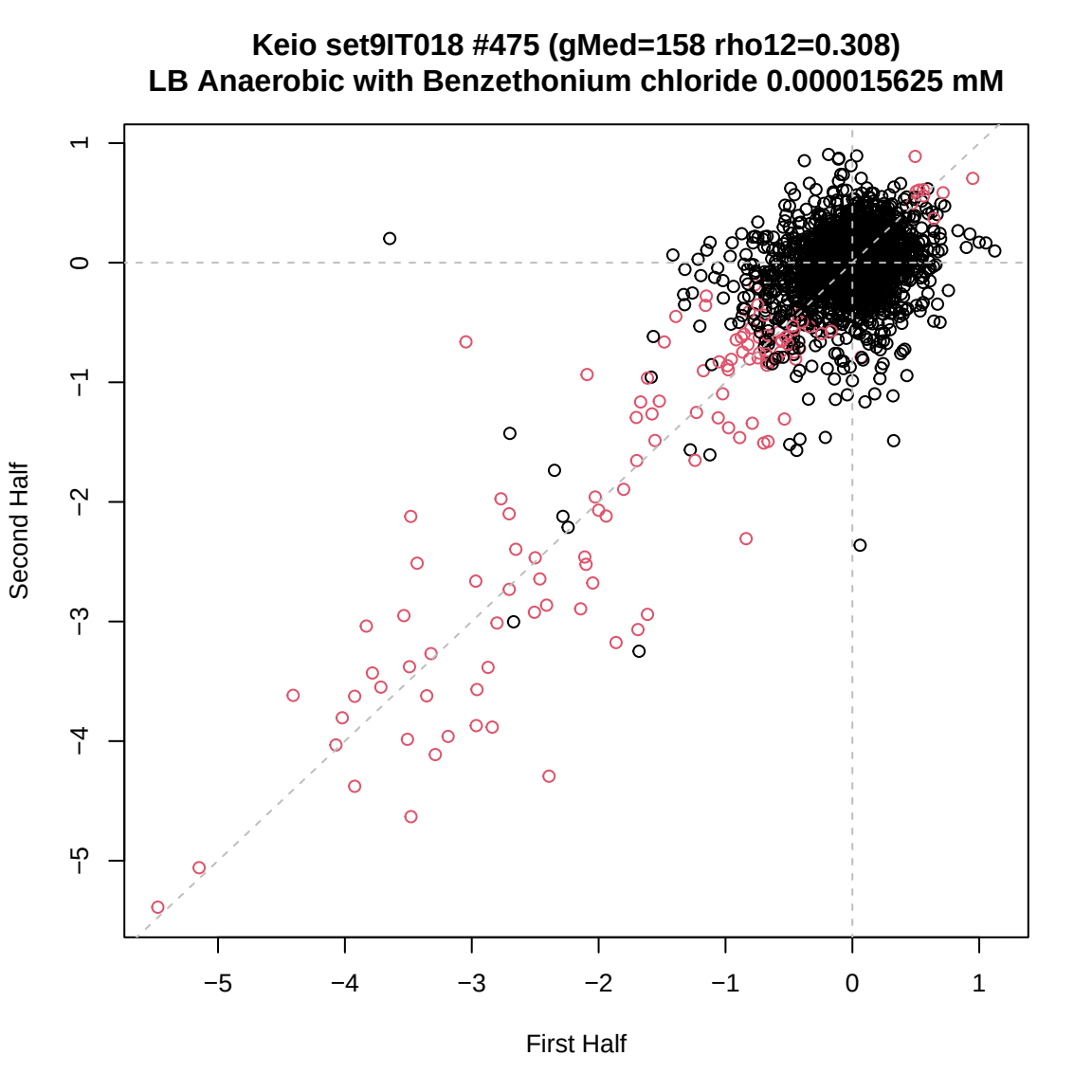

Keio set9IT013 #470 (gMed=169 rho12=0.231)
LB Anaerobic with Zinc Pyrithione 0.0000025 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

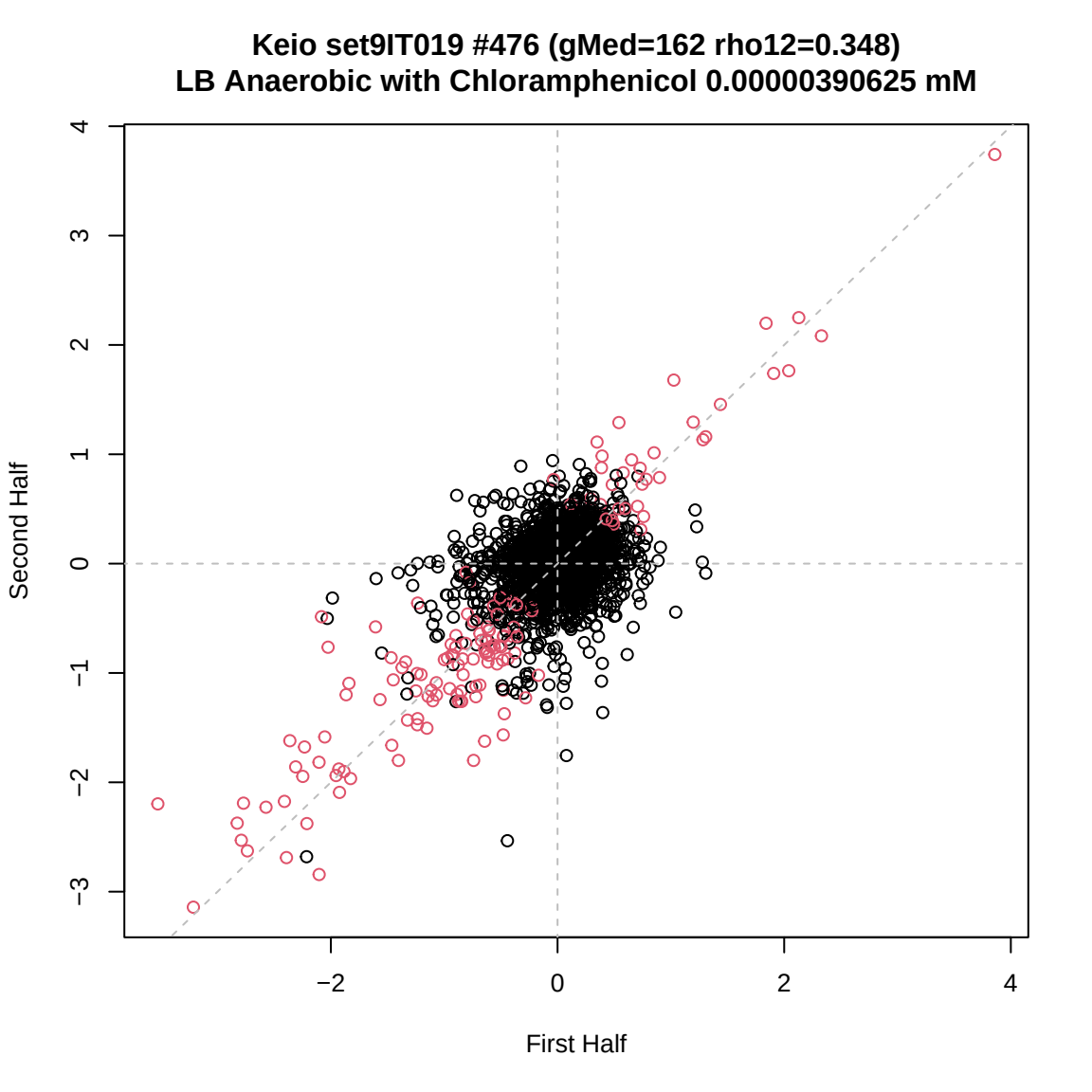

Keio set9IT014 #471 (gMed=153 rho12=0.210)
LB Anaerobic with Zinc Pyrithione 0.00000125 mM
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0
1

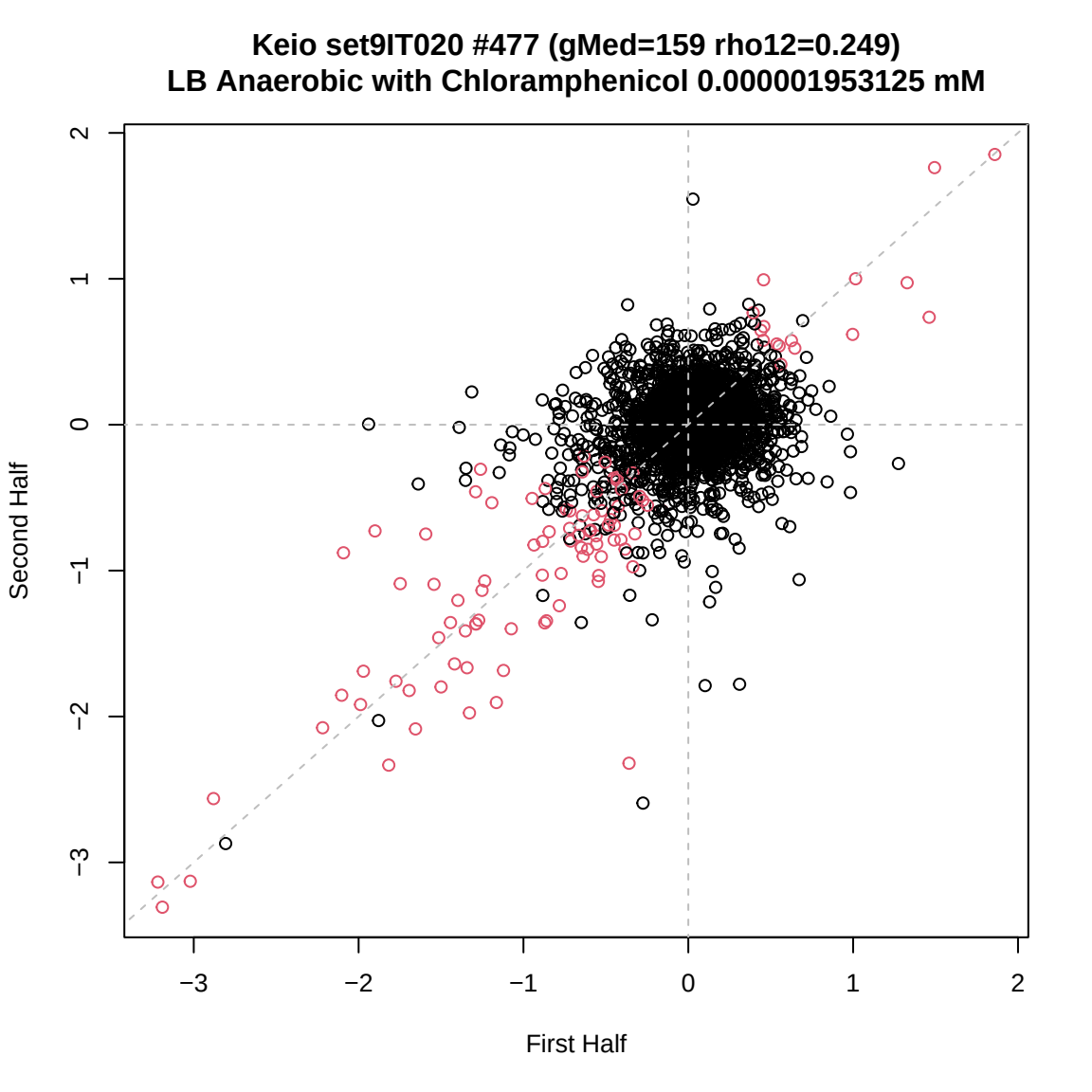

Keio set9IT015 #472 (gMed=156 rho12=0.180)
LB Anaerobic with 8−hydroxy−nitroquinoline 0.0000025 mM
Second Half
First Half
−3
−2
−1
0
1
2
−3
−2
−1
0
1

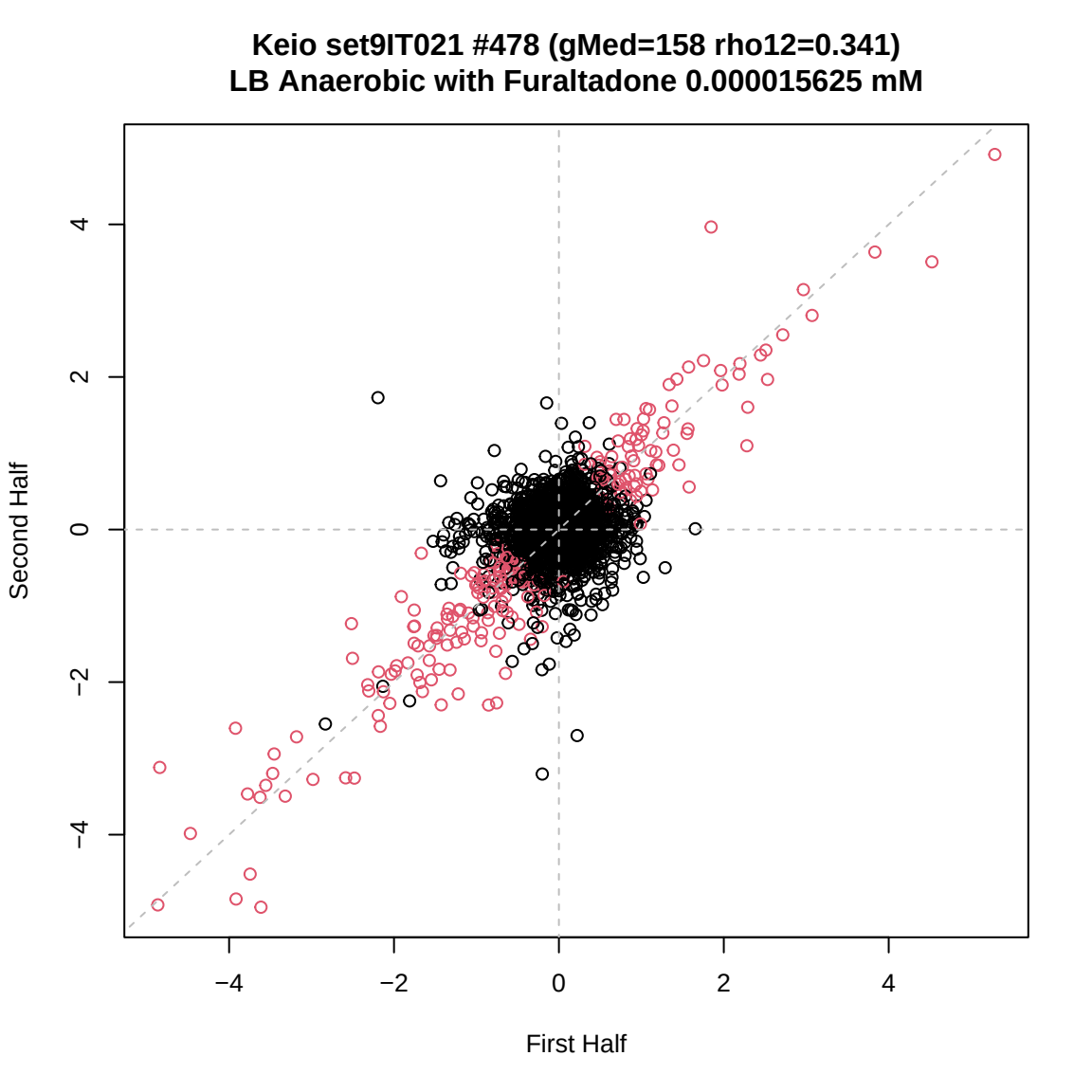

Keio set9IT016 #473 (gMed=177 rho12=0.232)
LB Anaerobic with 8−hydroxy−nitroquinoline 0.00000125 mM
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

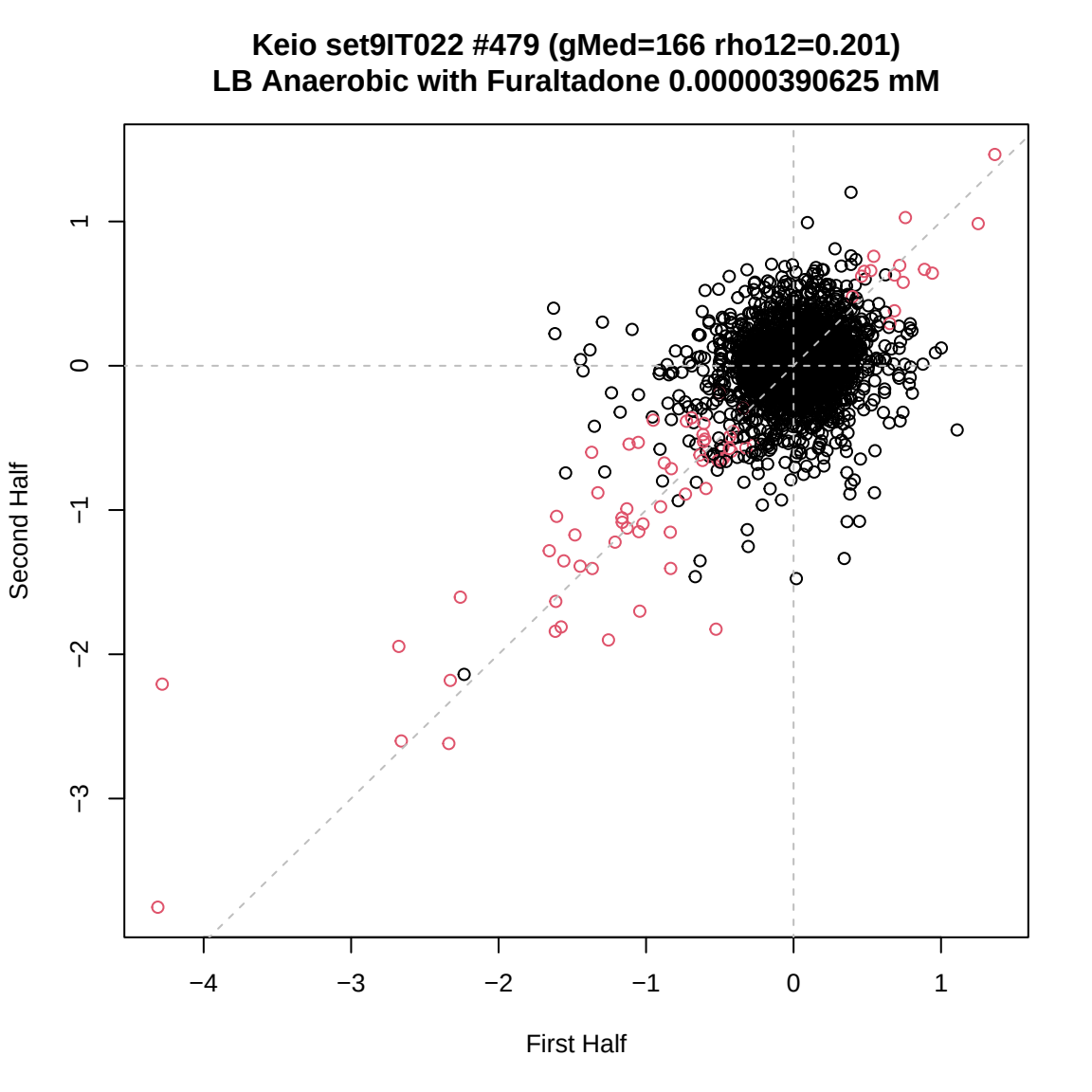

Keio set9IT017 #474 (gMed=130 rho12=0.409)
LB Anaerobic with Benzethonium chloride 0.00003125 mM
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4

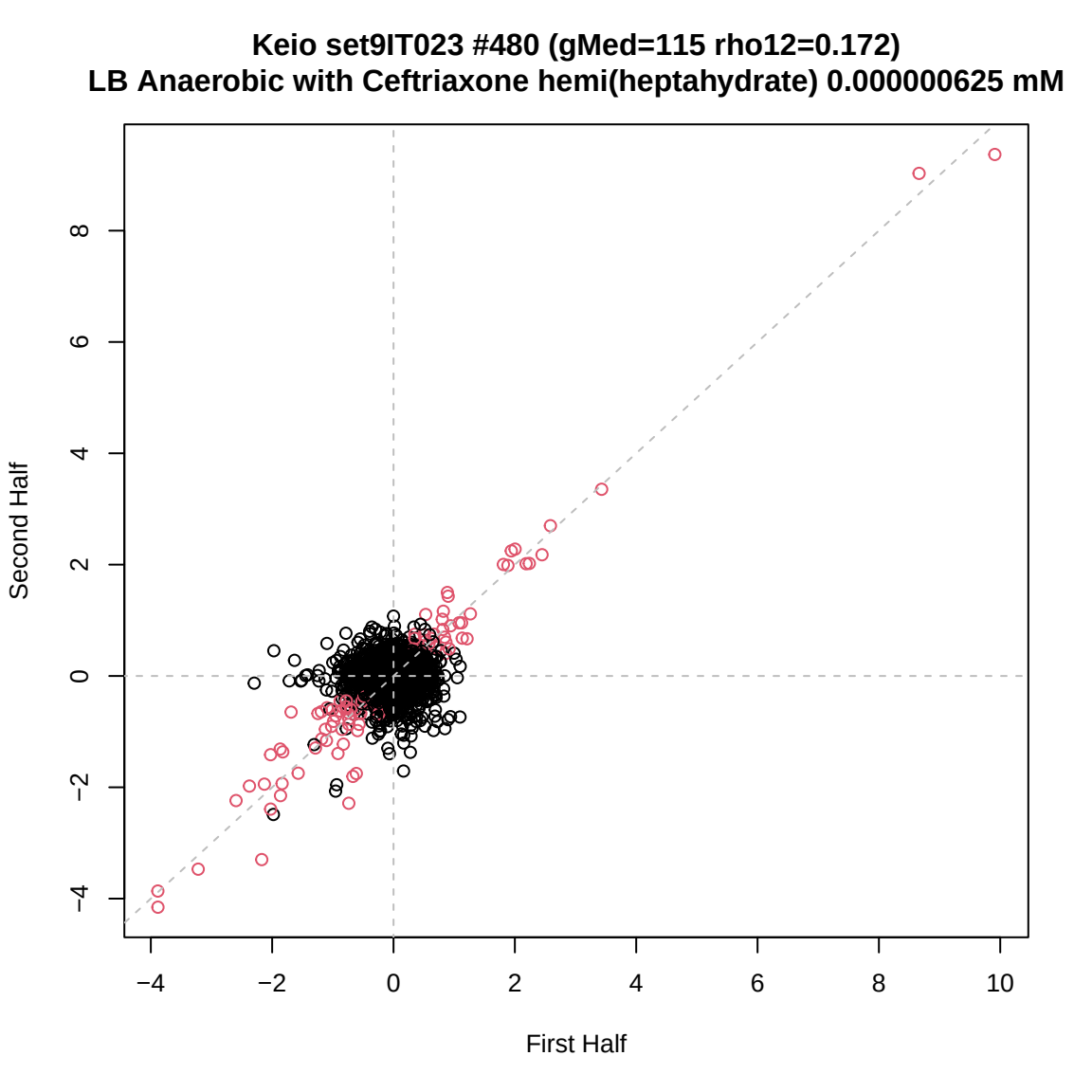

Keio set9IT018 #475 (gMed=158 rho12=0.308)
LB Anaerobic with Benzethonium chloride 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

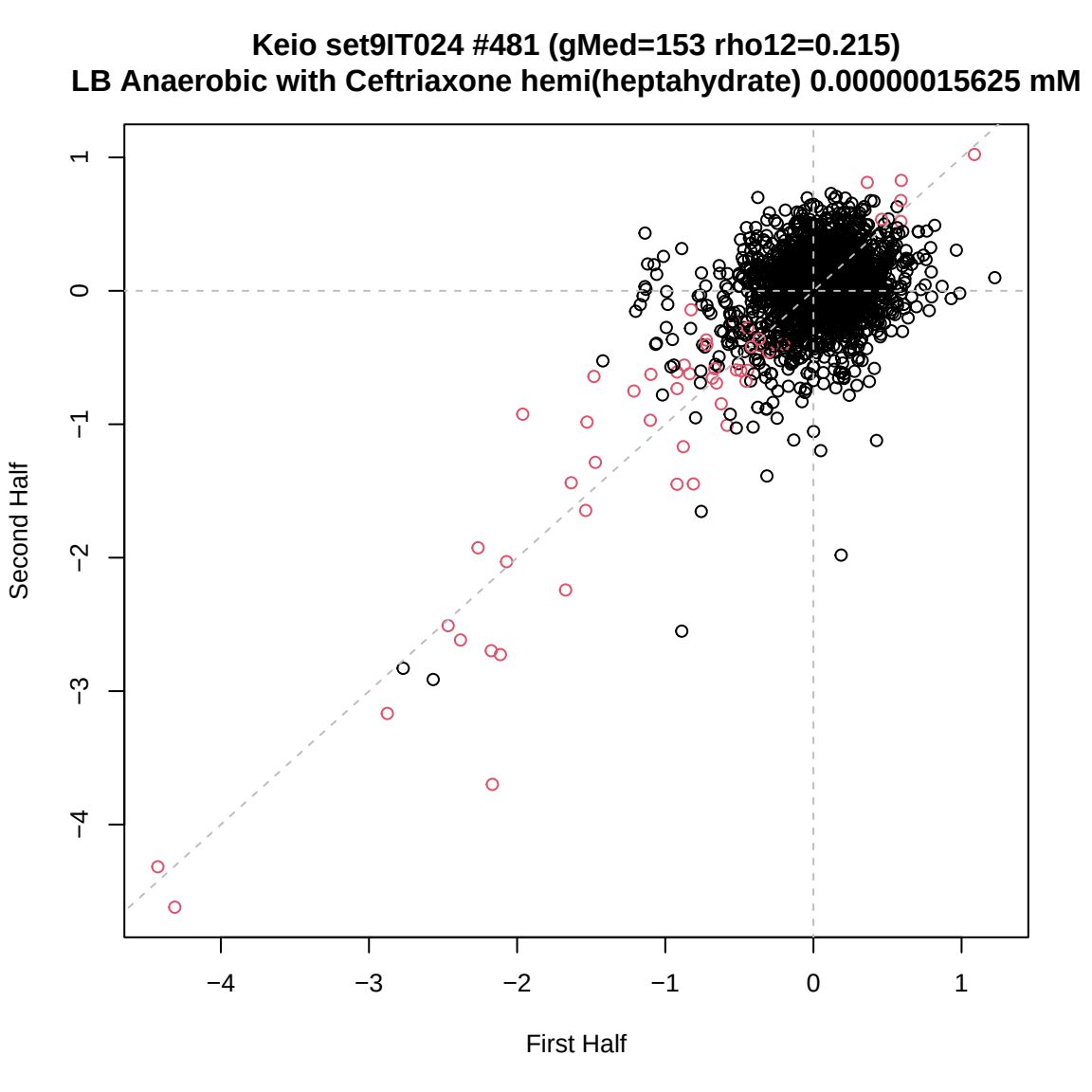

Keio set9IT019 #476 (gMed=162 rho12=0.348)
LB Anaerobic with Chloramphenicol 0.00000390625 mM
Second Half
First Half
4
3
2
1
0
−1
−2
−3
−2
0
2
4

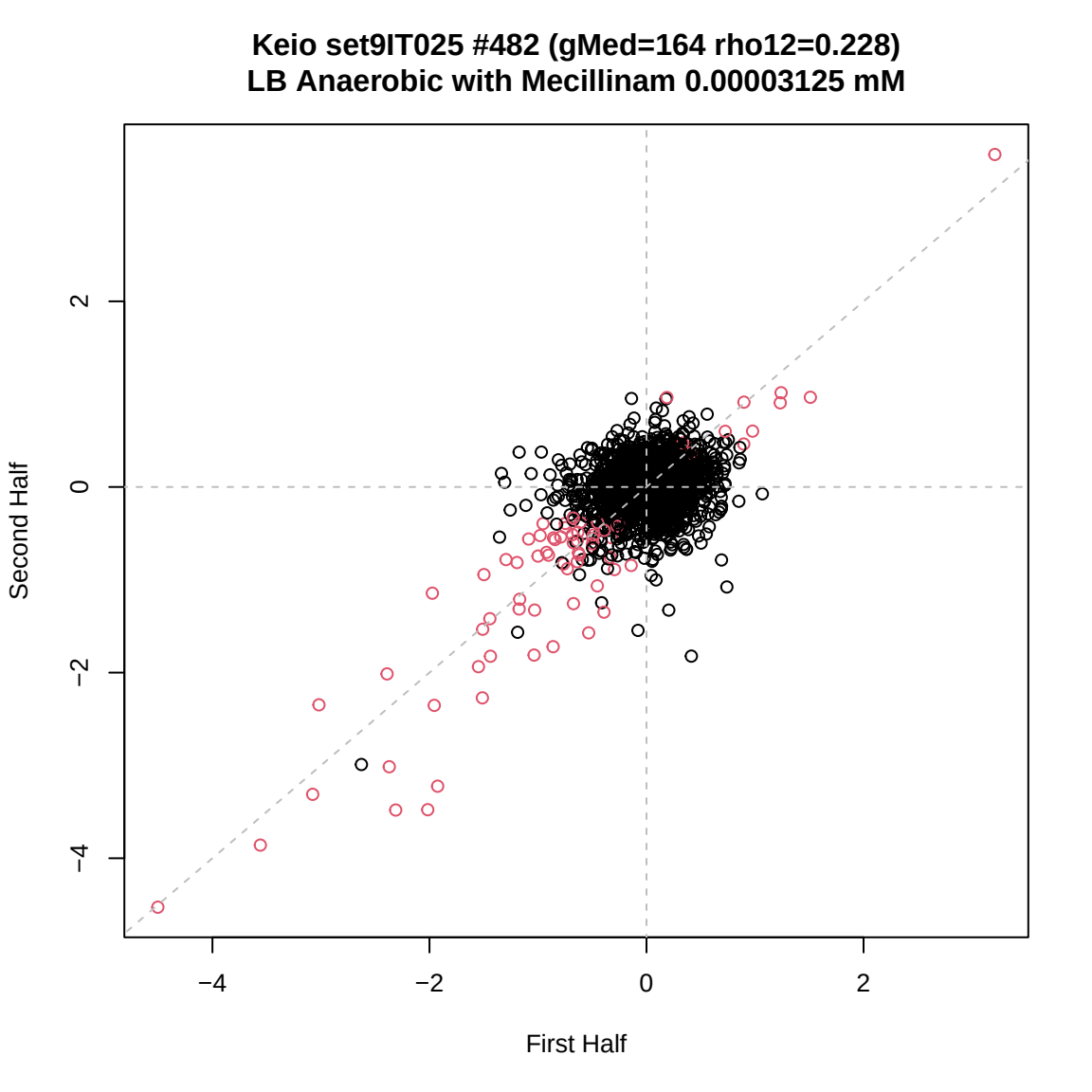

Keio set9IT020 #477 (gMed=159 rho12=0.249)
LB Anaerobic with Chloramphenicol 0.000001953125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

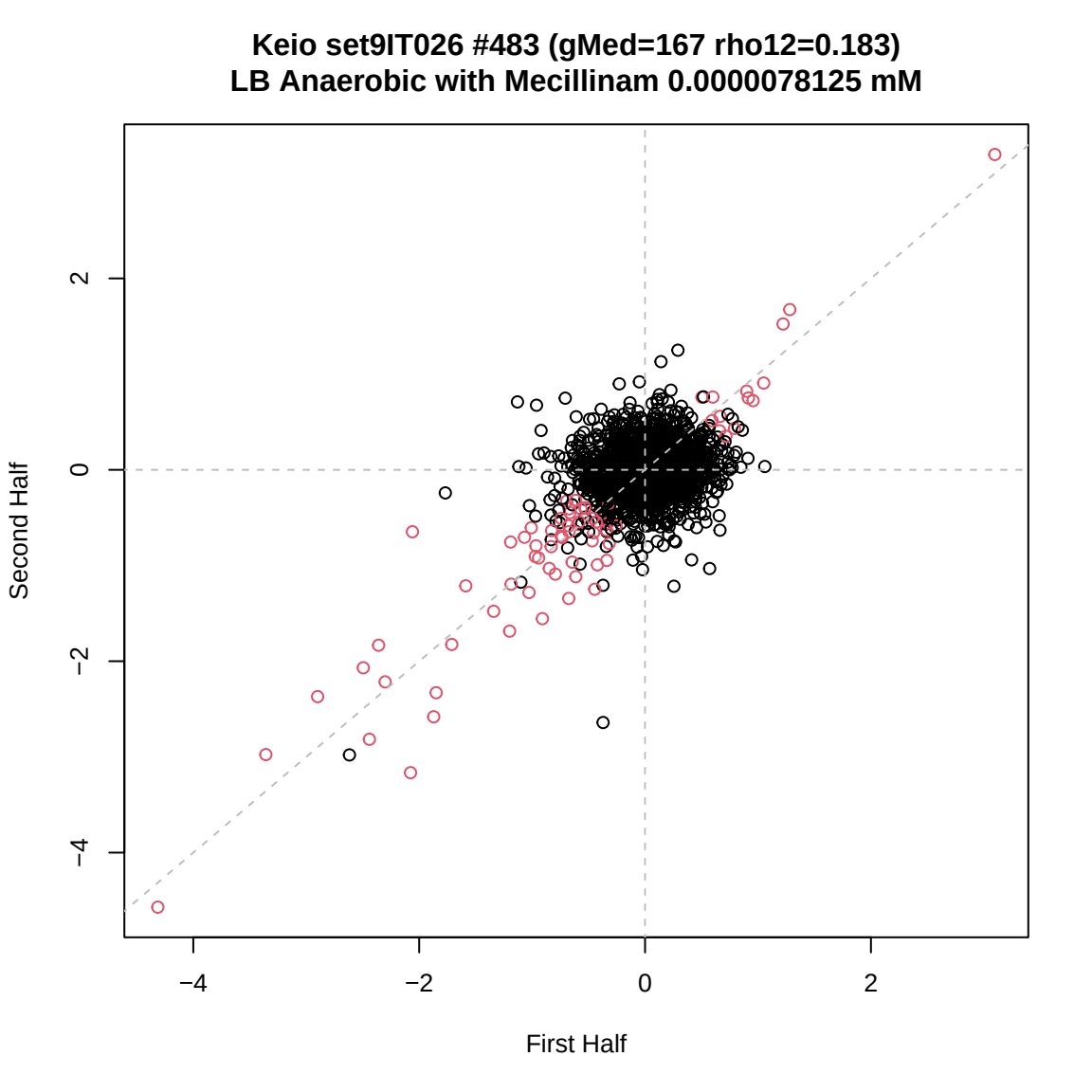

Keio set9lT021 #478 (gMed=158 rho12=0.341)
LB Anaerobic with Furaltadone 0.000015625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

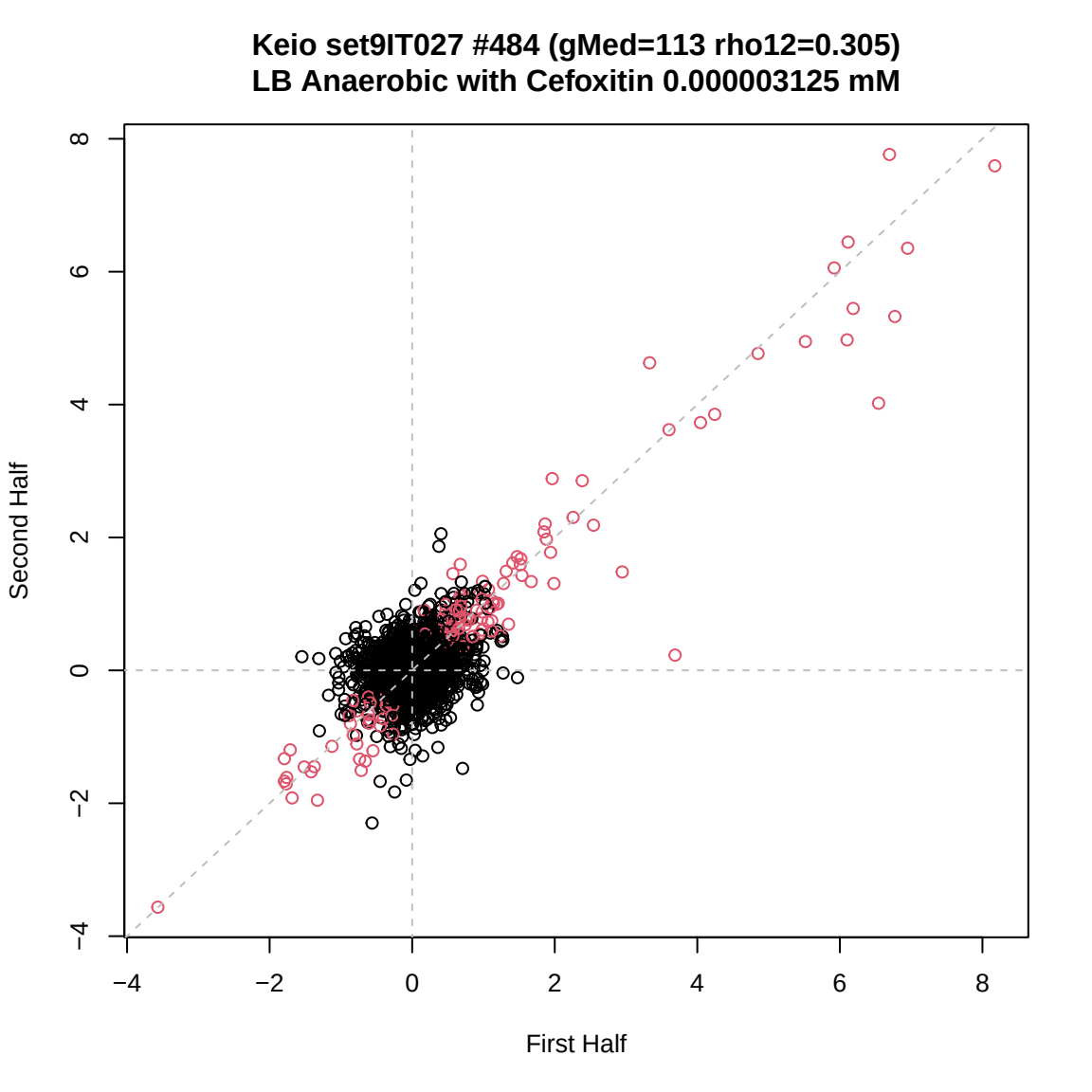

Keio set9IT022 #479 (gMed=166 rho12=0.201)
LB Anaerobic with Furaltadone 0.00000390625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

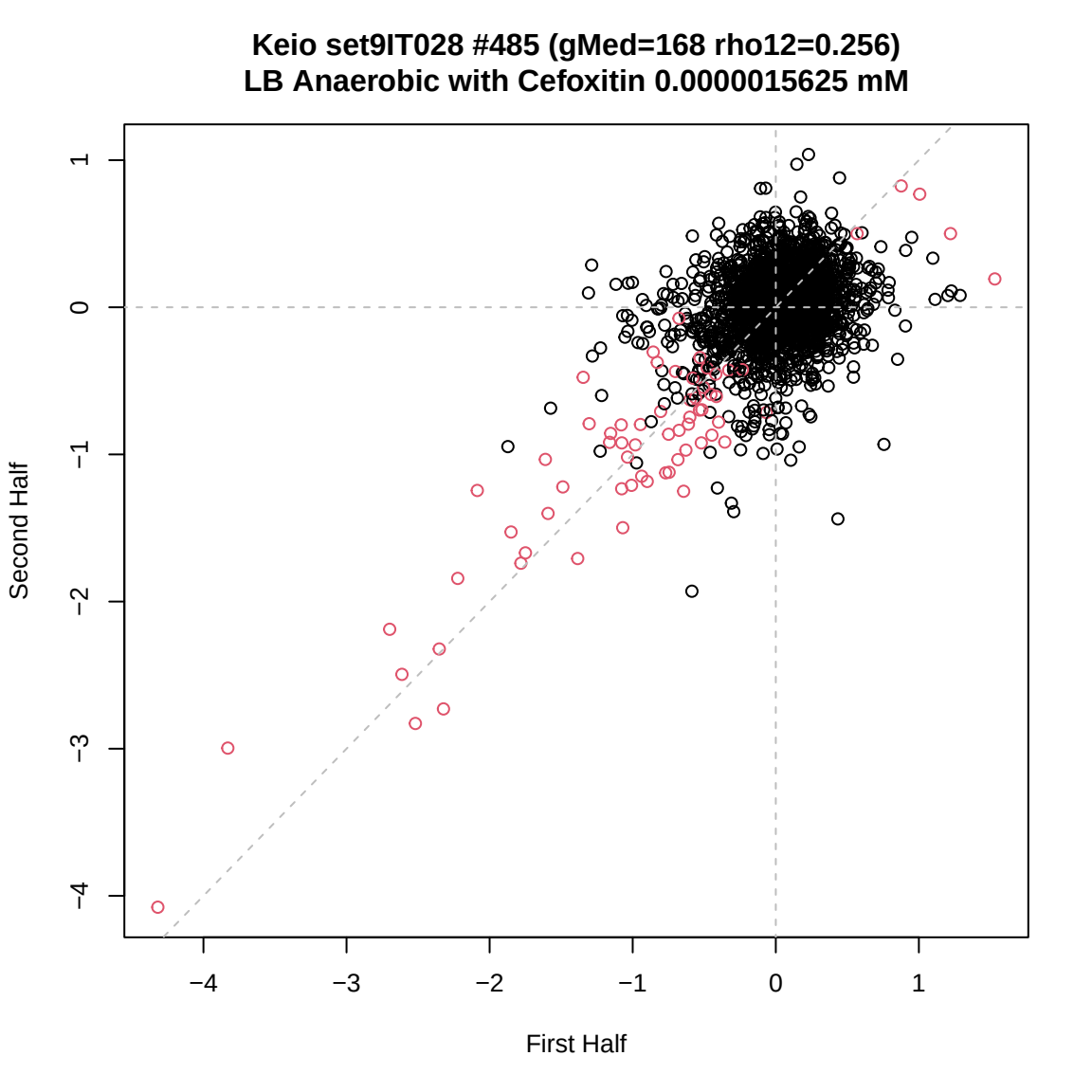

Keio set9IT023 #480 (gMed=115 rho12=0.172)
LB Anaerobic with Ceftriaxone hemi(heptahydrate) 0.000000625 mM
Second Half
First Half
−4
−2
0
2
4
6
8
10

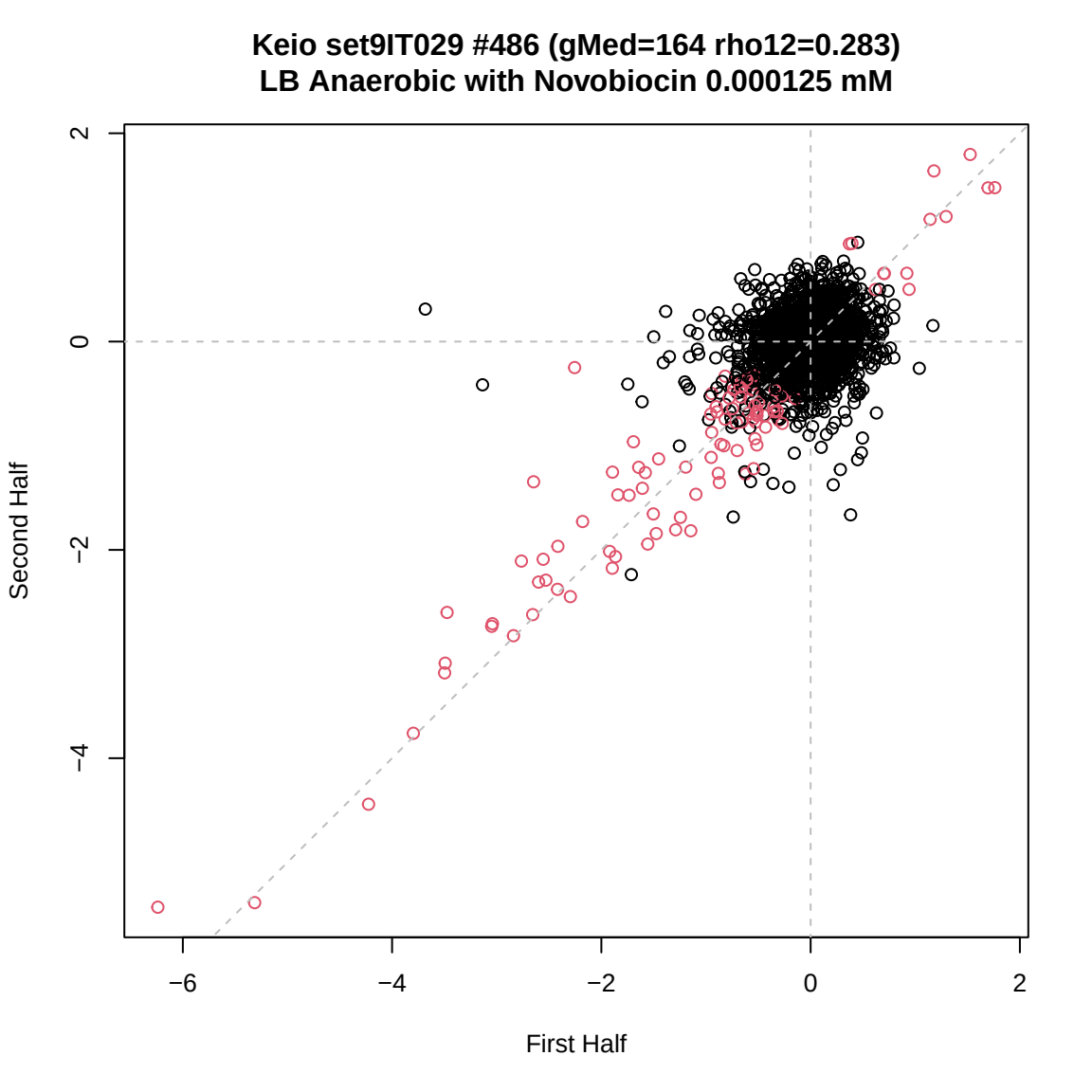

Keio set9IT024 #481 (gMed=153 rho12=0.215)
LB Anaerobic with Ceftriaxone hemi(heptahydrate) 0.00000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

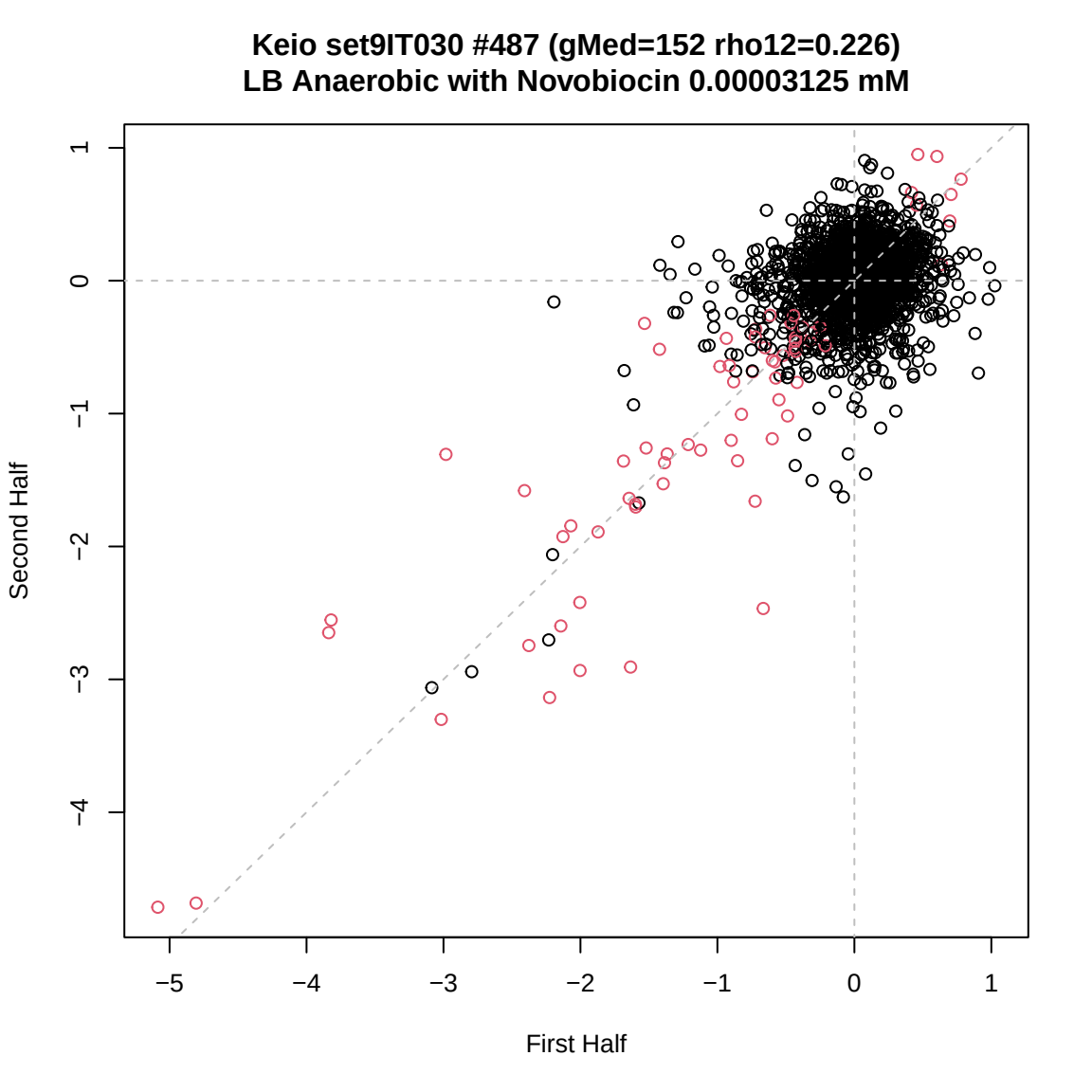

Keio set9IT025 #482 (gMed=164 rho12=0.228)
LB Anaerobic with Mecillinam 0.00003125 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

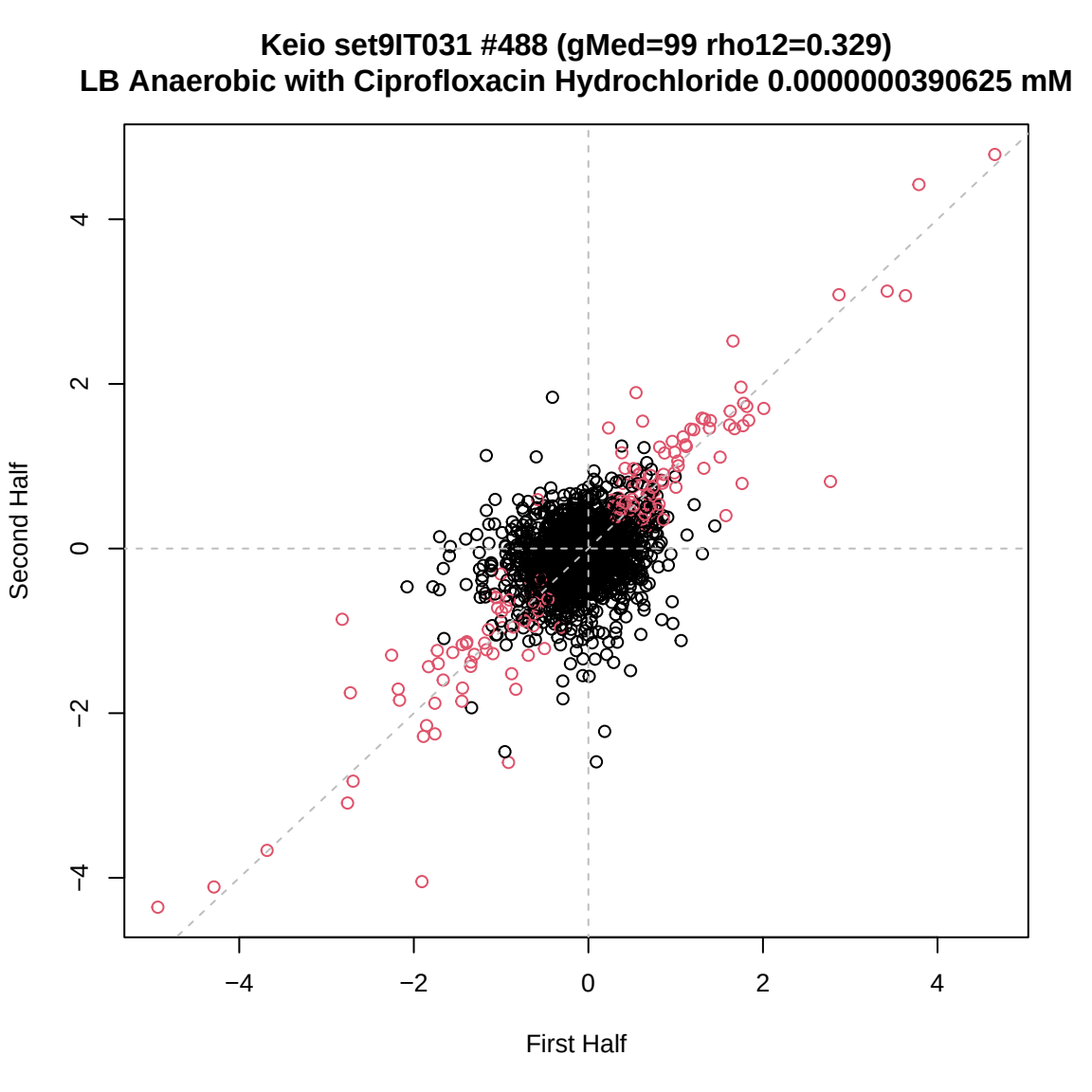

Keio set9IT026 #483 (gMed=167 rho12=0.183)
LB Anaerobic with Mecillinam 0.0000078125 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

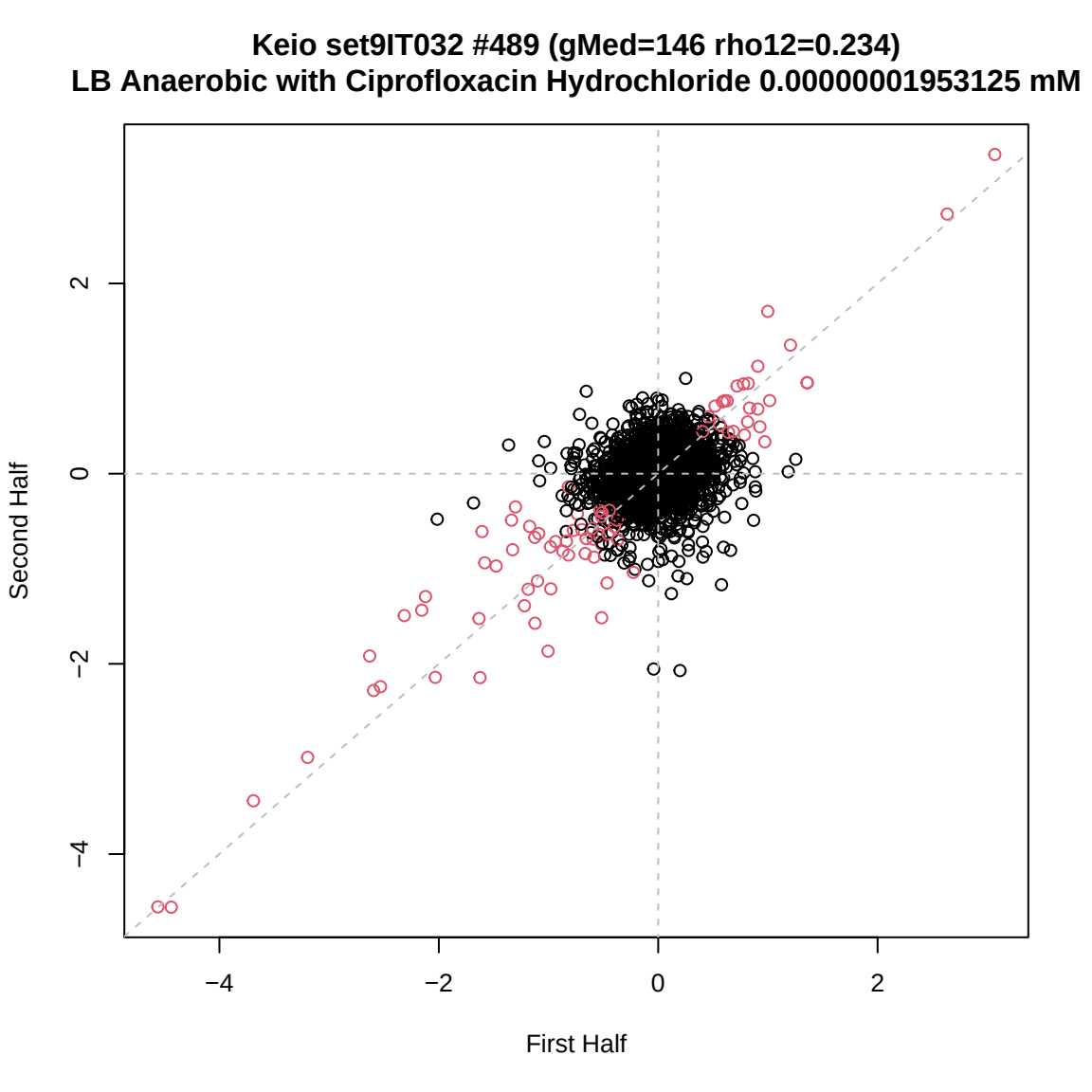

Keio set9IT027 #484 (gMed=113 rho12=0.305)
LB Anaerobic with Cefoxitin 0.000003125 mM
Second Half
First Half
−4
−2
0
2
4
6
8

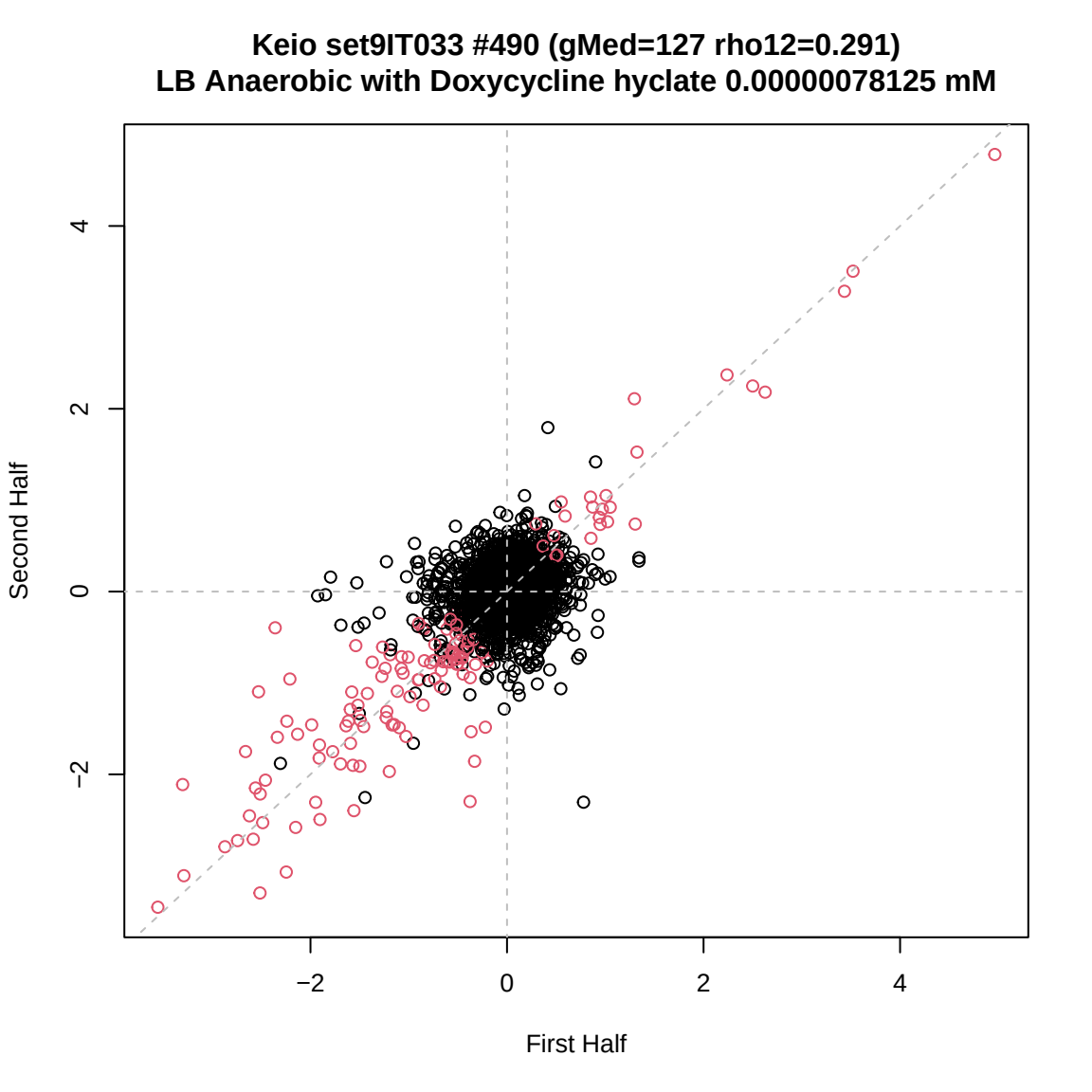

Keio set9IT028 #485 (gMed=168 rho12=0.256)
LB Anaerobic with Cefoxitin 0.0000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

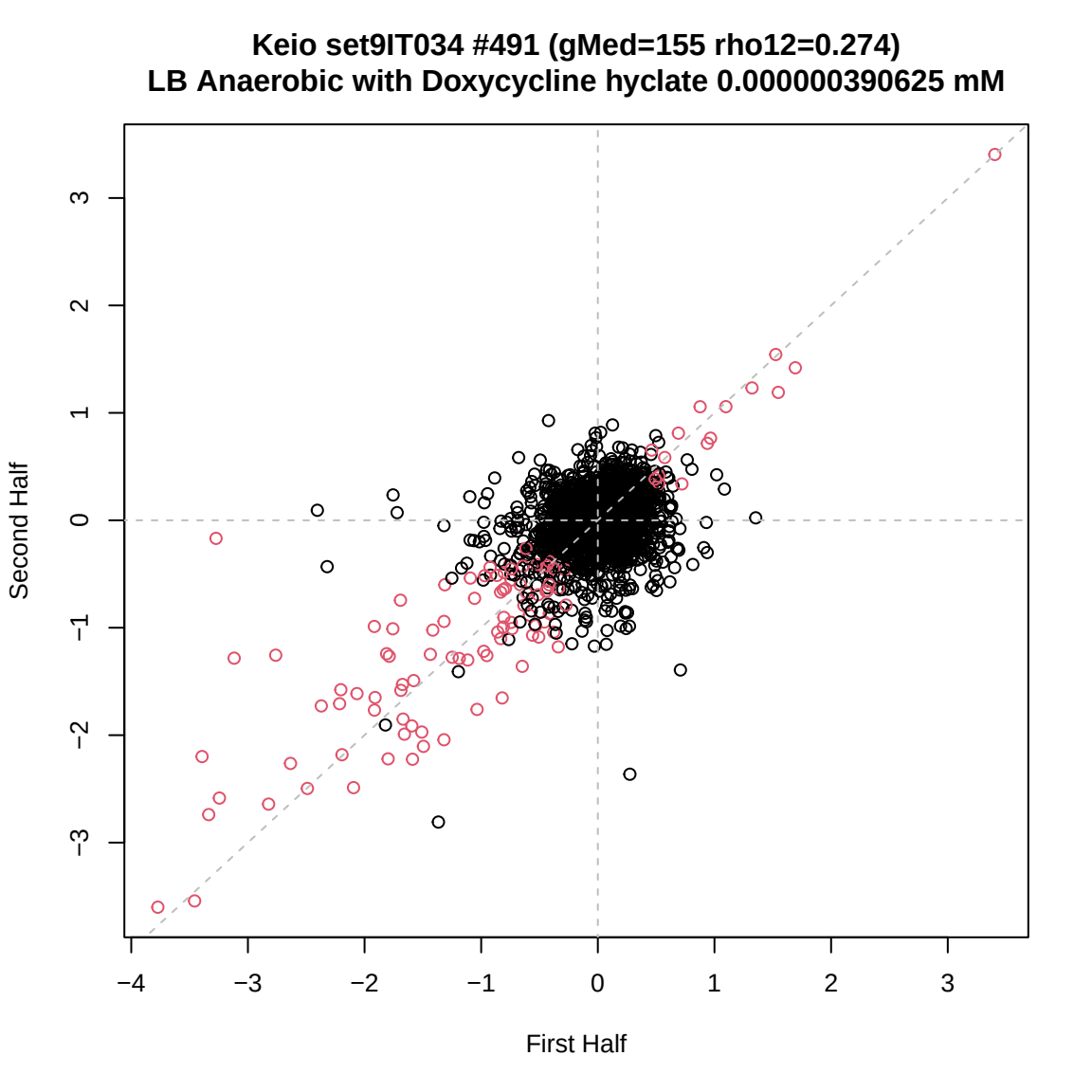

Keio set9IT029 #486 (gMed=164 rho12=0.283)
LB Anaerobic with Novobiocin 0.000125 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

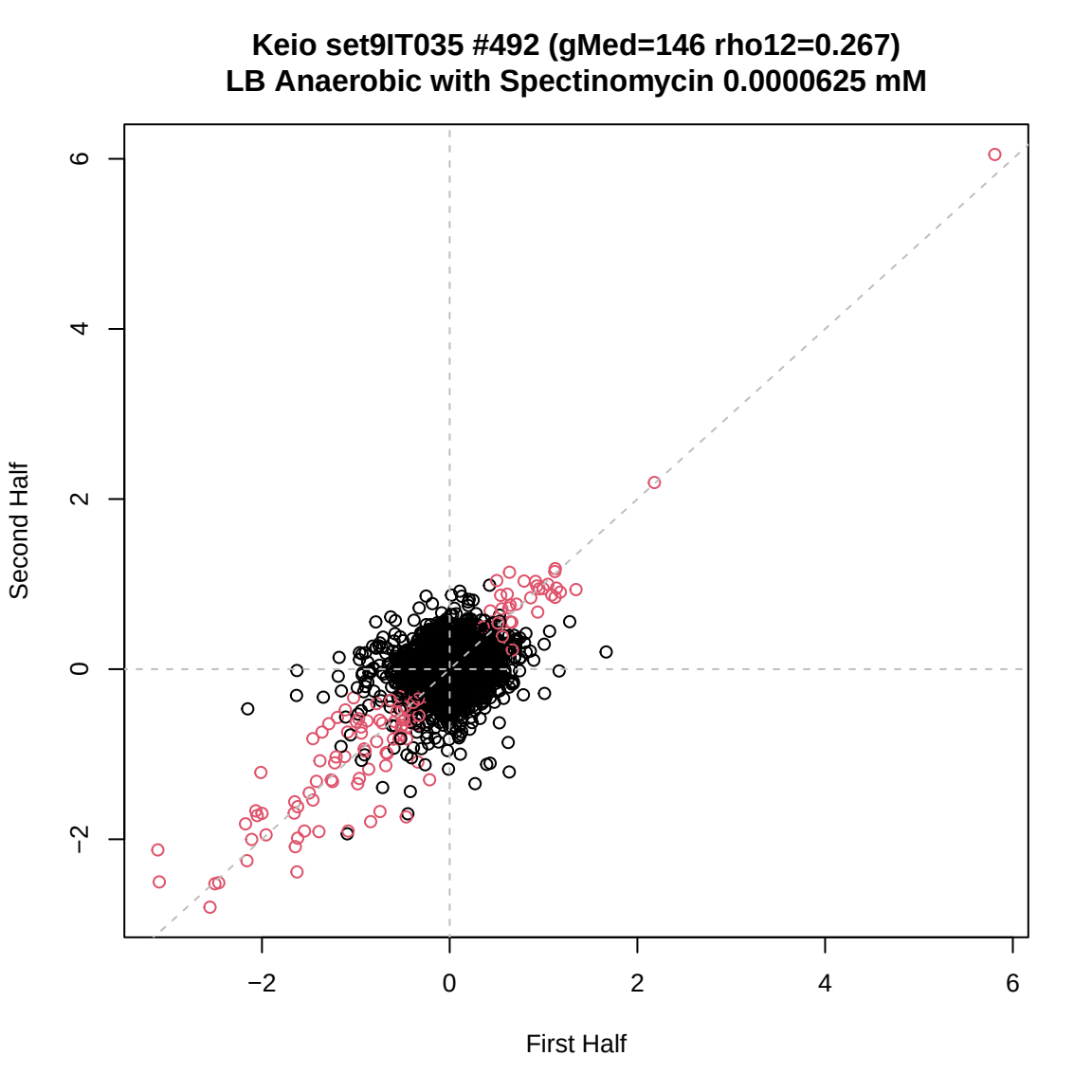

Keio set9lT030 #487 (gMed=152 rho12=0.226)
LB Anaerobic with Novobiocin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

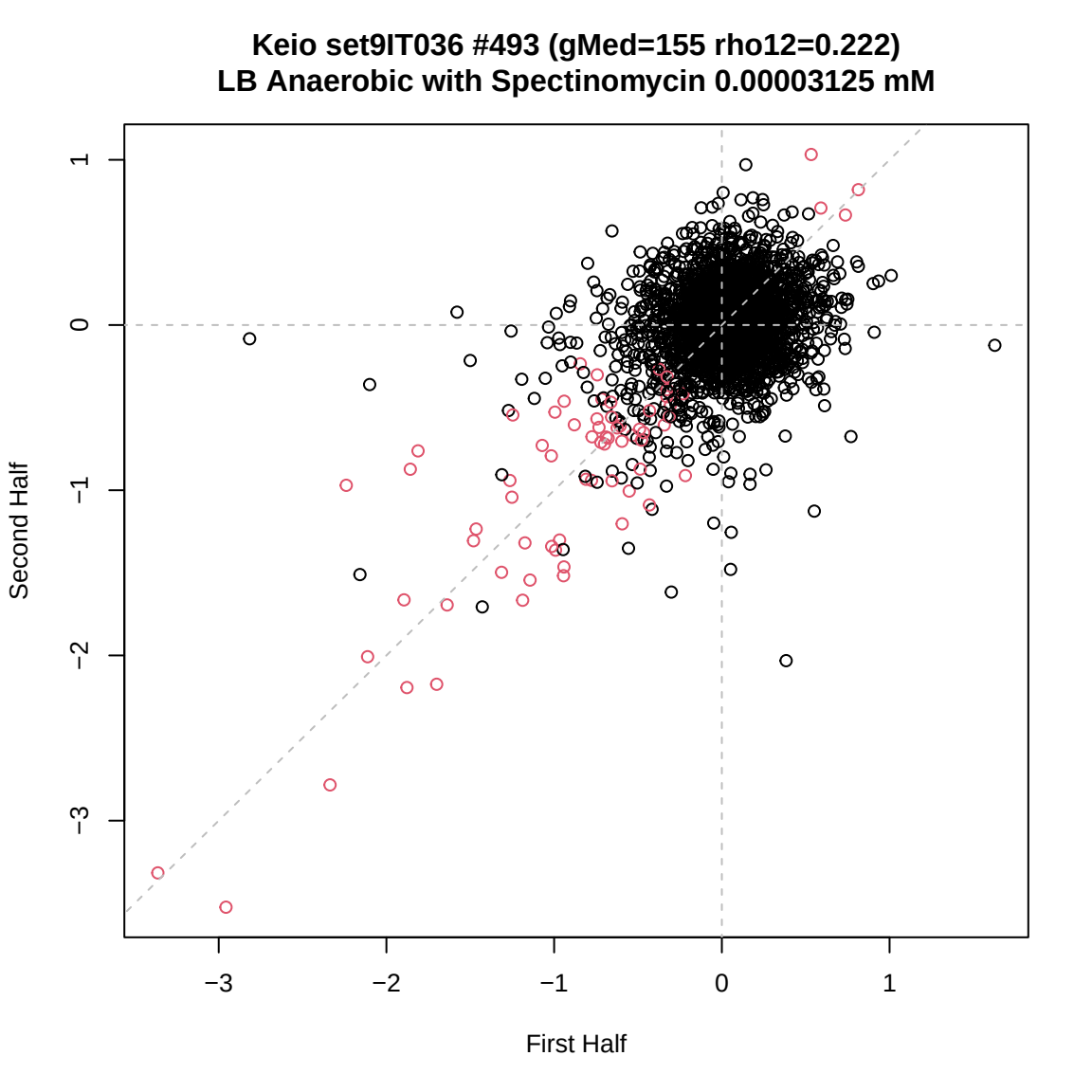

Keio set9IT031 #488 (gMed=99 rho12=0.329)
LB Anaerobic with Ciprofloxacin Hydrochloride 0.0000000390625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

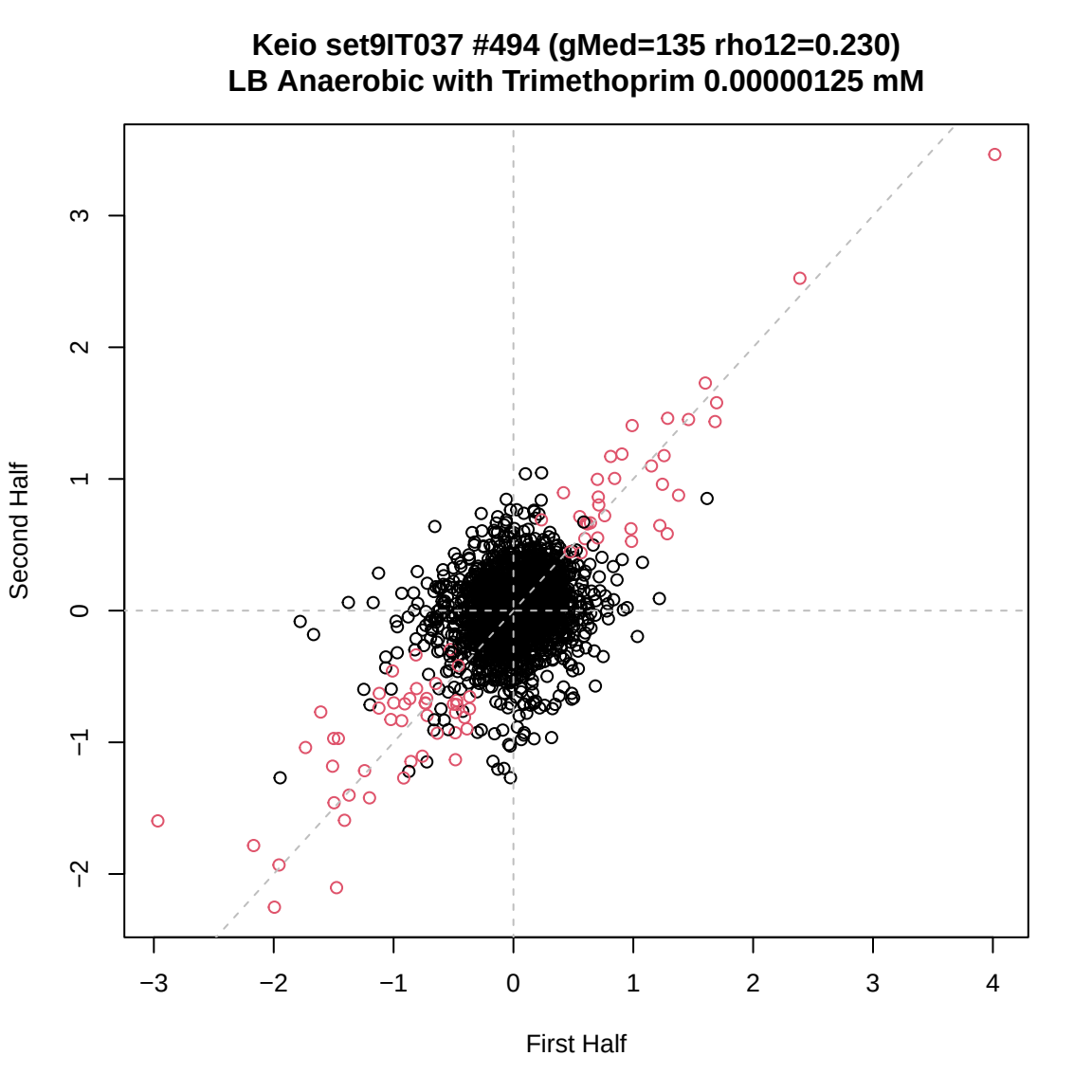

Keio set9IT032 #489 (gMed=146 rho12=0.234)
LB Anaerobic with Ciprofloxacin Hydrochloride 0.00000001953125 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

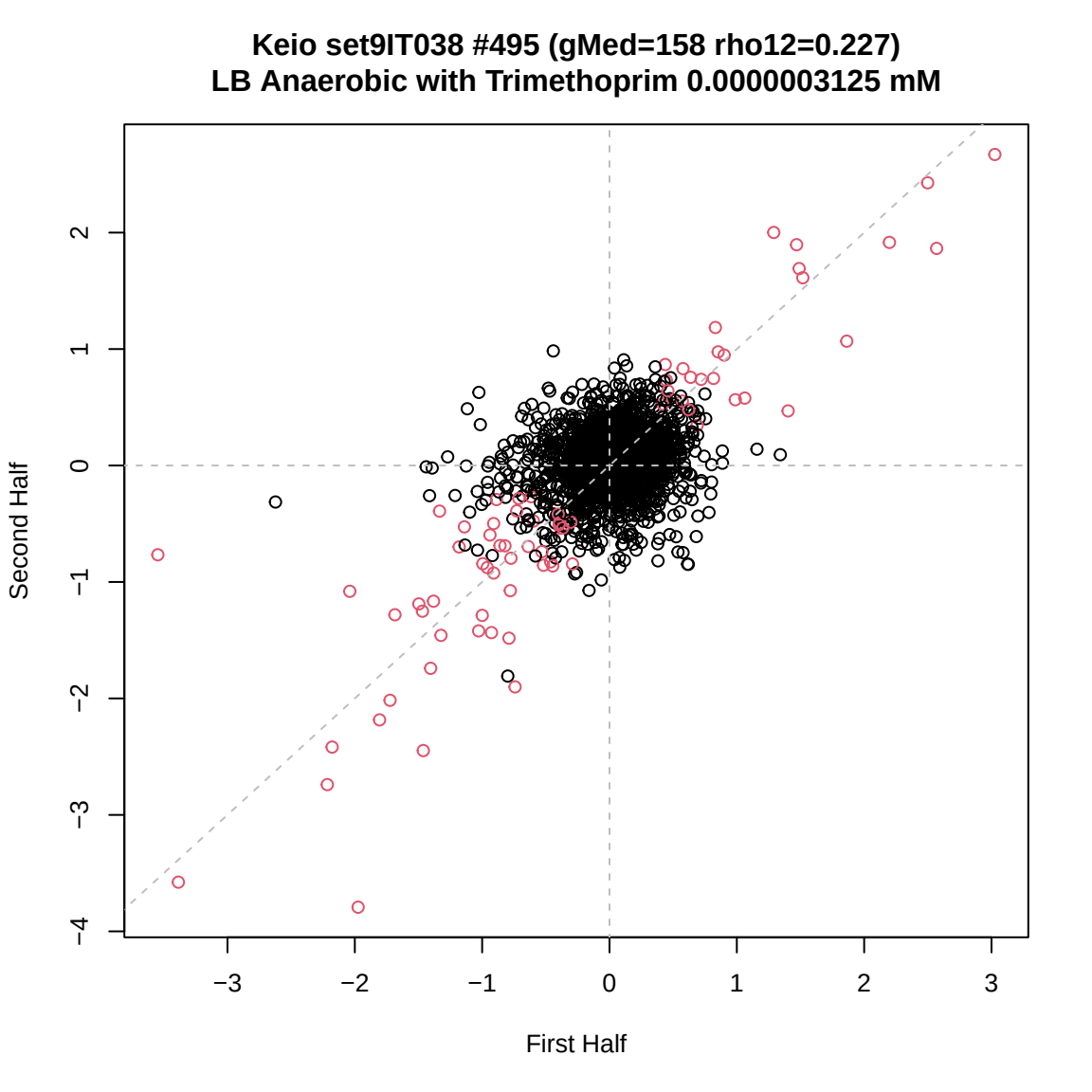

Keio set9IT033 #490 (gMed=127 rho12=0.291)
LB Anaerobic with Doxycycline hyclate 0.00000078125 mM
Second Half
First Half
4
2
0
−2
−2
0
2
4

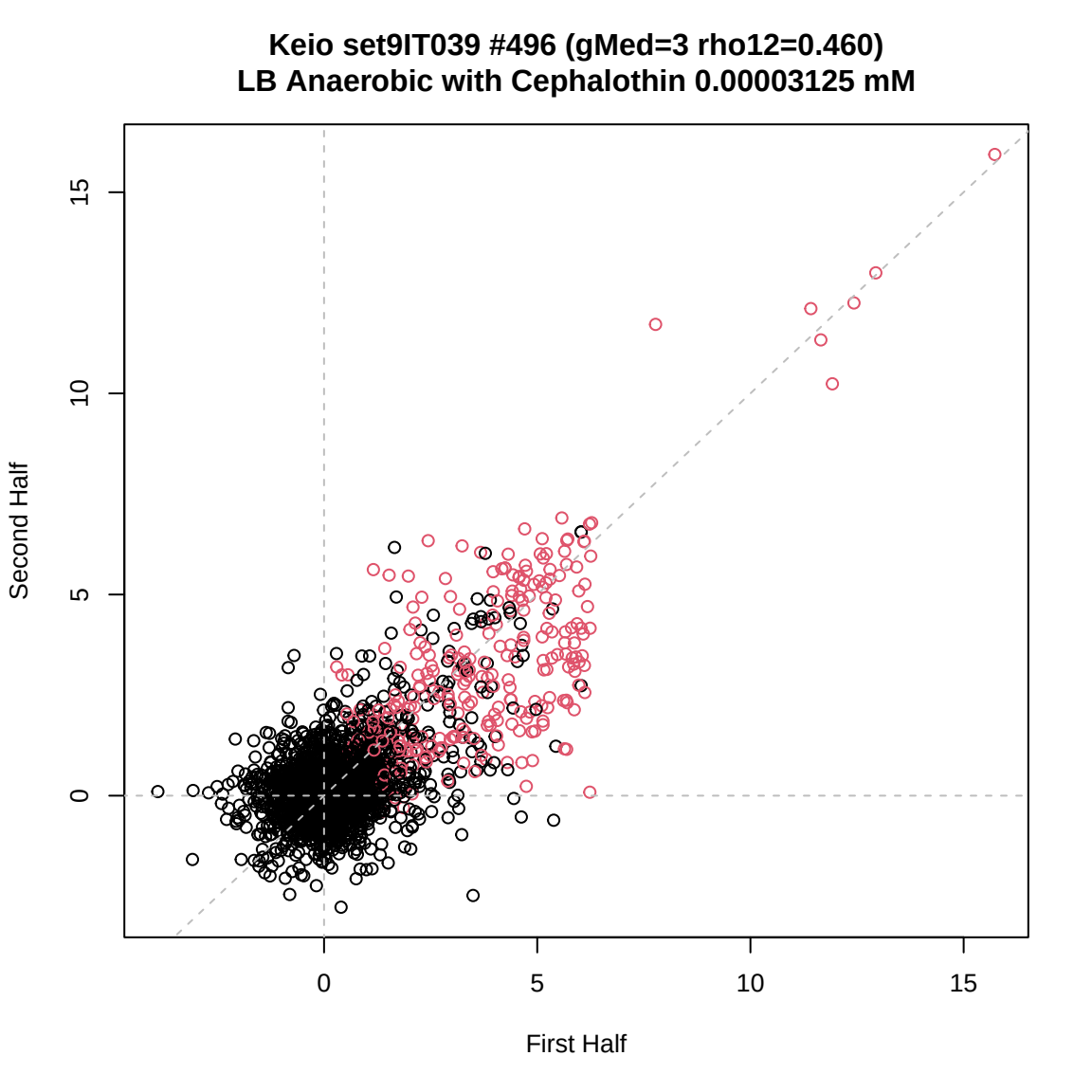

Keio set9IT034 #491 (gMed=155 rho12=0.274)
LB Anaerobic with Doxycycline hyclate 0.000000390625 mM
Second Half
First Half
−4
−3
−2
−1
0
1
2
3

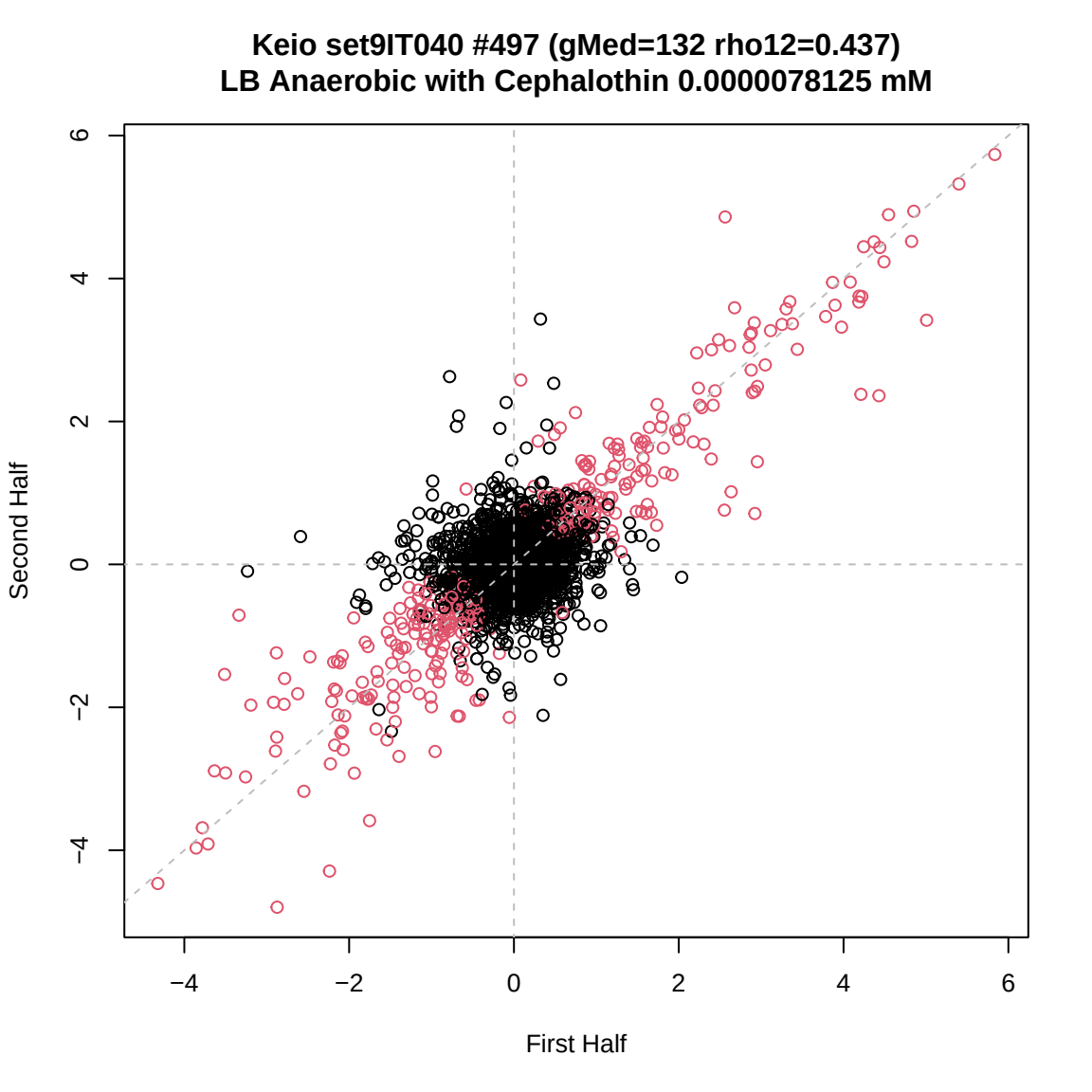

Keio set9IT035 #492 (gMed=146 rho12=0.267)
LB Anaerobic with Spectinomycin 0.0000625 mM
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

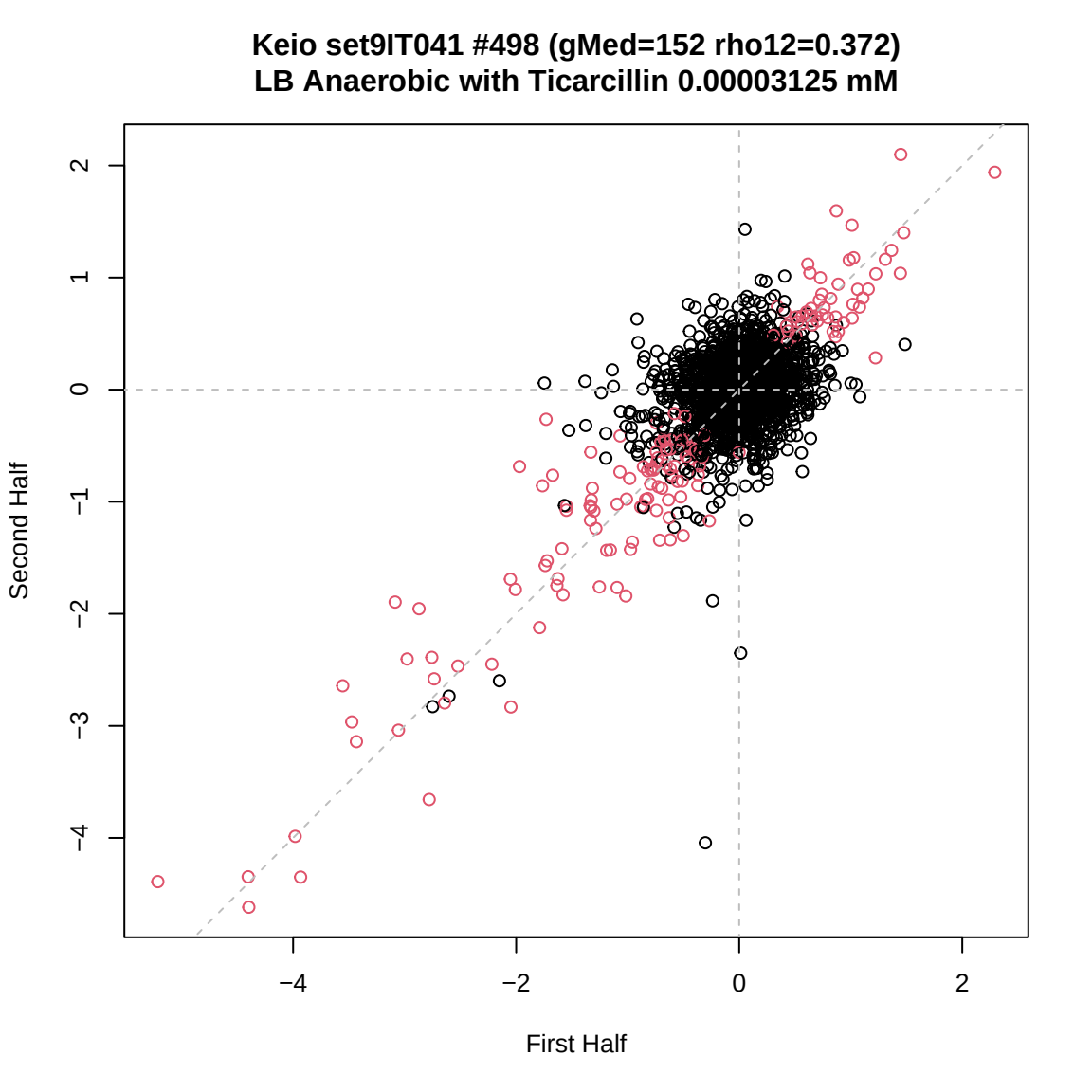

Keio set9IT036 #493 (gMed=155 rho12=0.222)
LB Anaerobic with Spectinomycin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

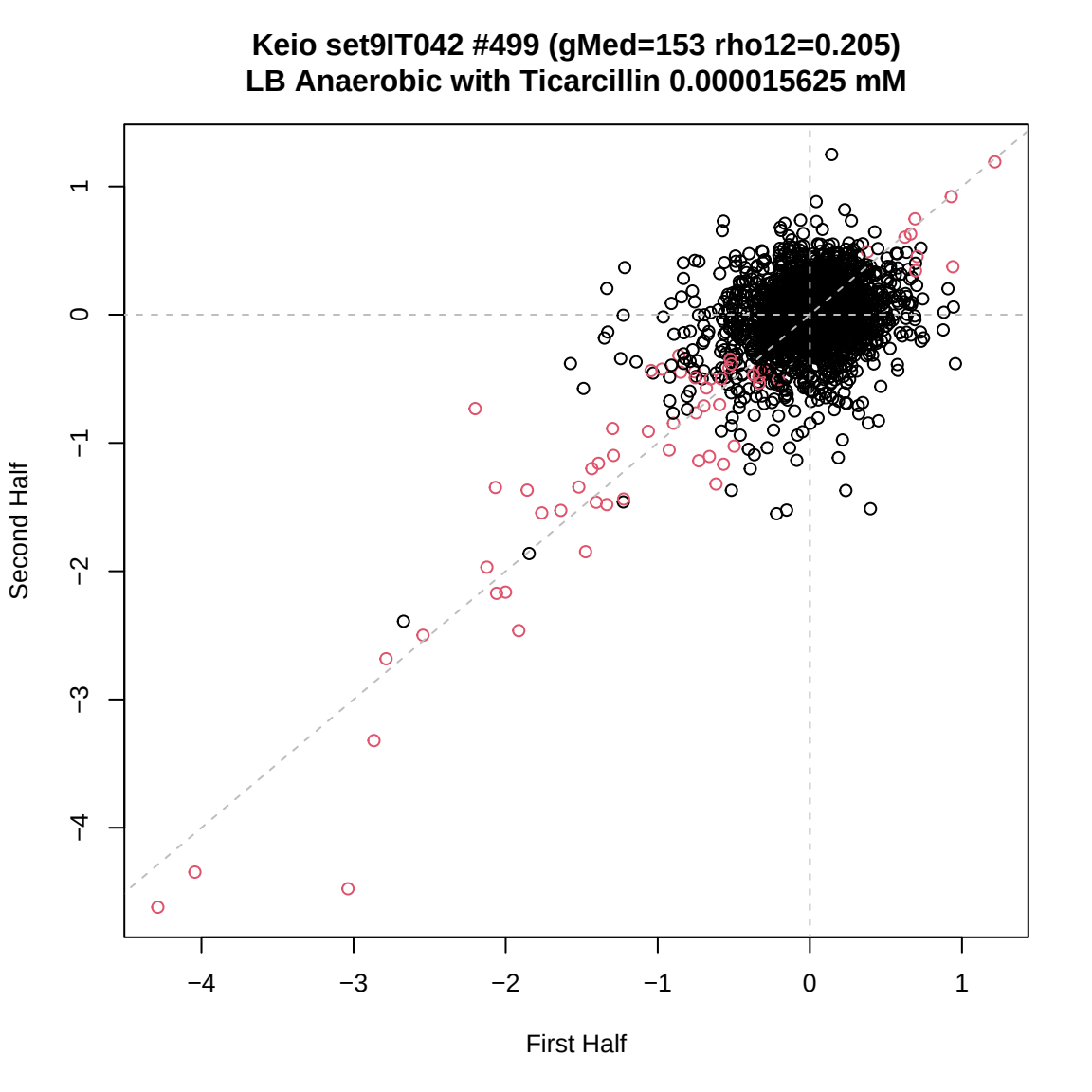

Keio set9IT037 #494 (gMed=135 rho12=0.230)
LB Anaerobic with Trimethoprim 0.00000125 mM
Second Half
First Half
−3
−2
−1
0
1
2
3
4

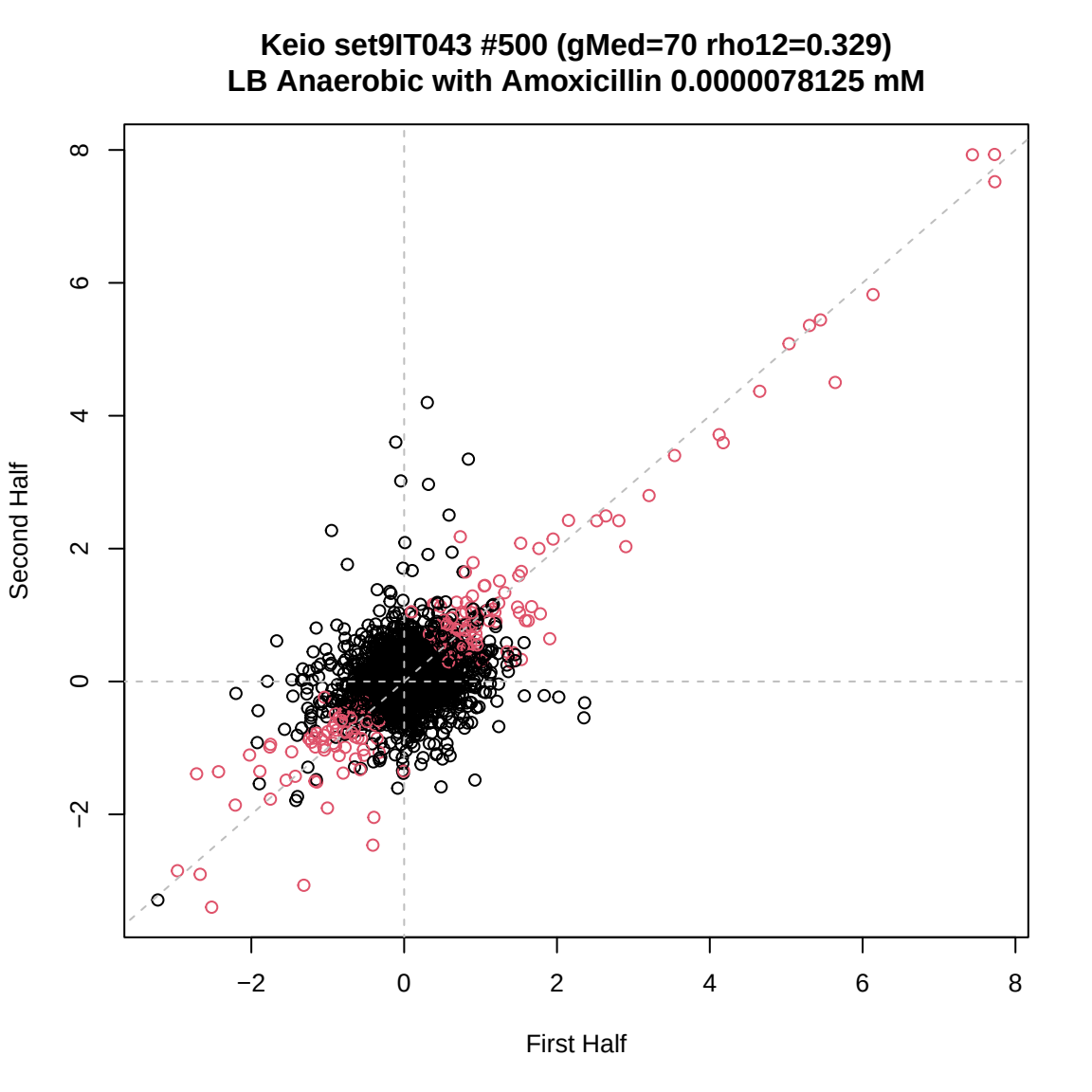

Keio set9lT038 #495 (gMed=158 rho12=0.227)
LB Anaerobic with Trimethoprim 0.0000003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3

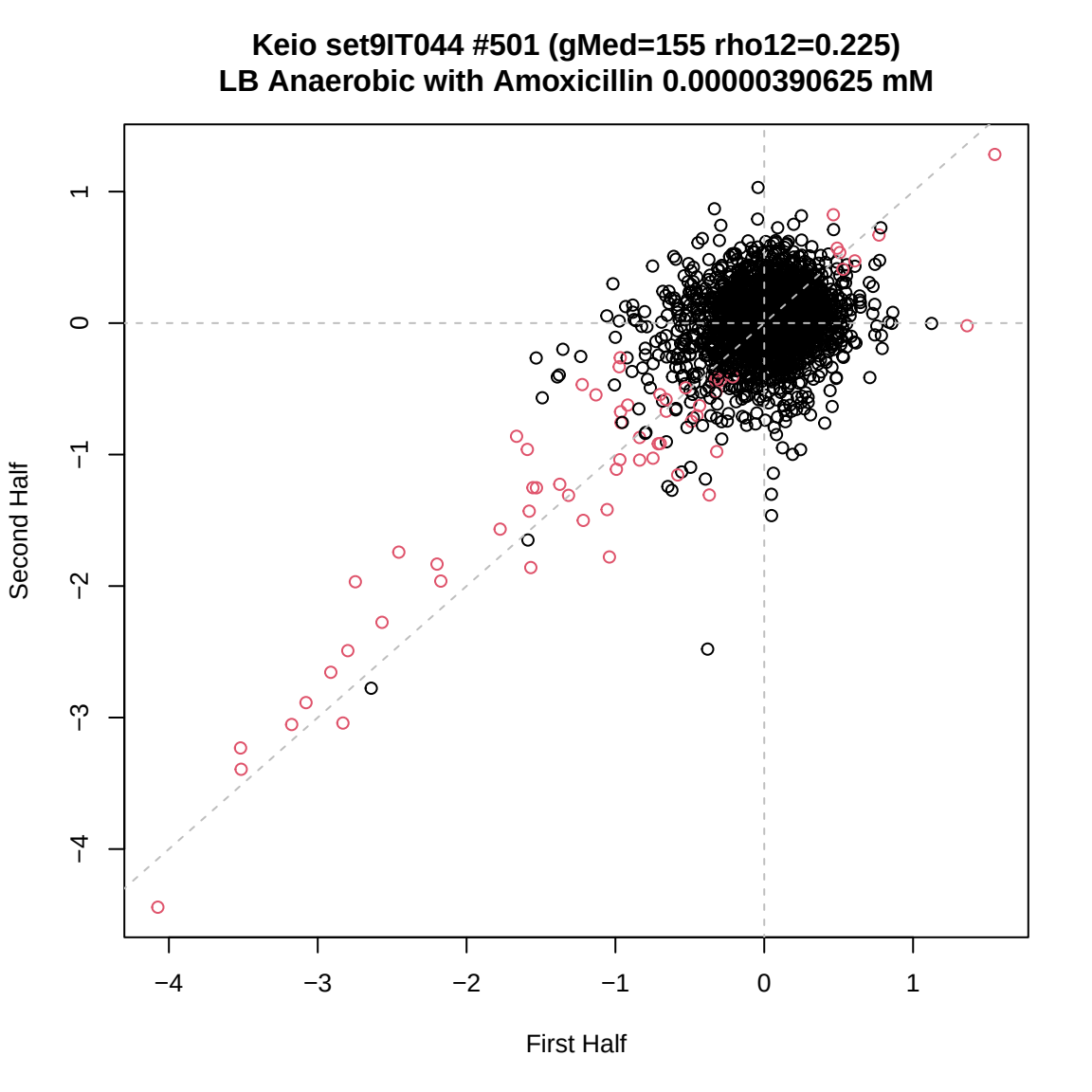

Keio set9IT039 #496 (gMed=3 rho12=0.460)
LB Anaerobic with Cephalothin 0.00003125 mM
Second Half
First Half
0
5
10
15

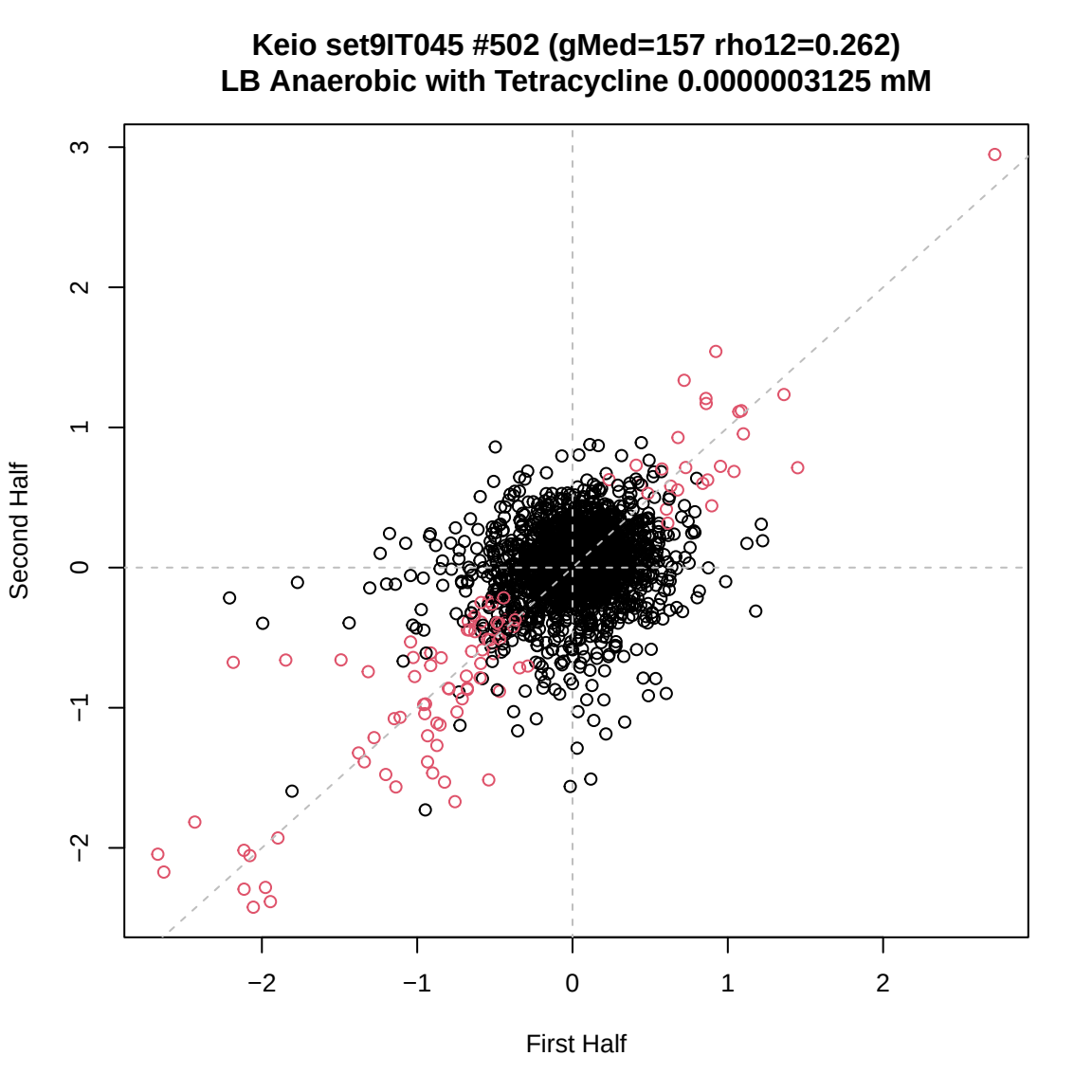

Keio set9IT040 #497 (gMed=132 rho12=0.437)
LB Anaerobic with Cephalothin 0.0000078125 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

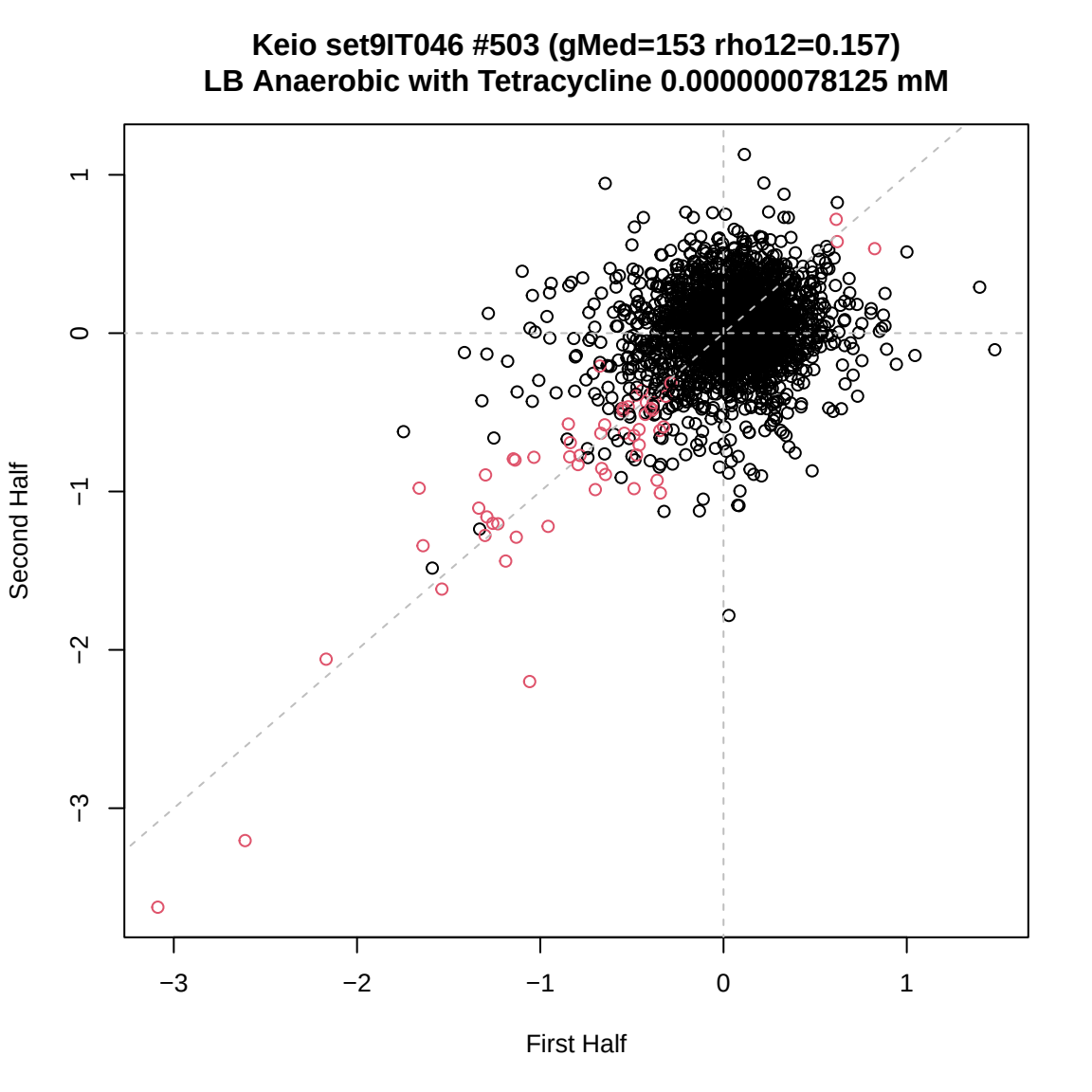

Keio set9IT041 #498 (gMed=152 rho12=0.372)
LB Anaerobic with Ticarcillin 0.00003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

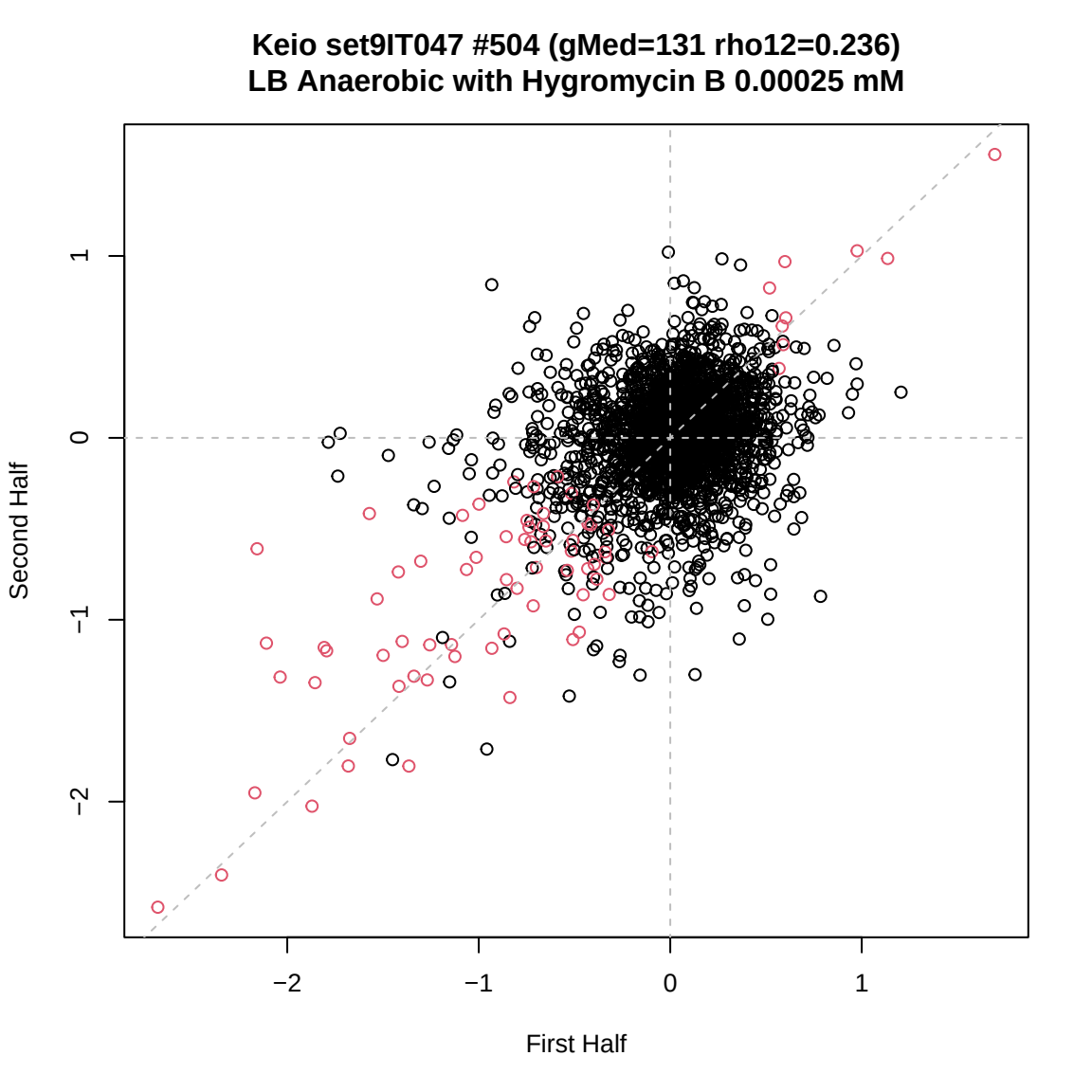

Keio set9IT042 #499 (gMed=153 rho12=0.205)
LB Anaerobic with Ticarcillin 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

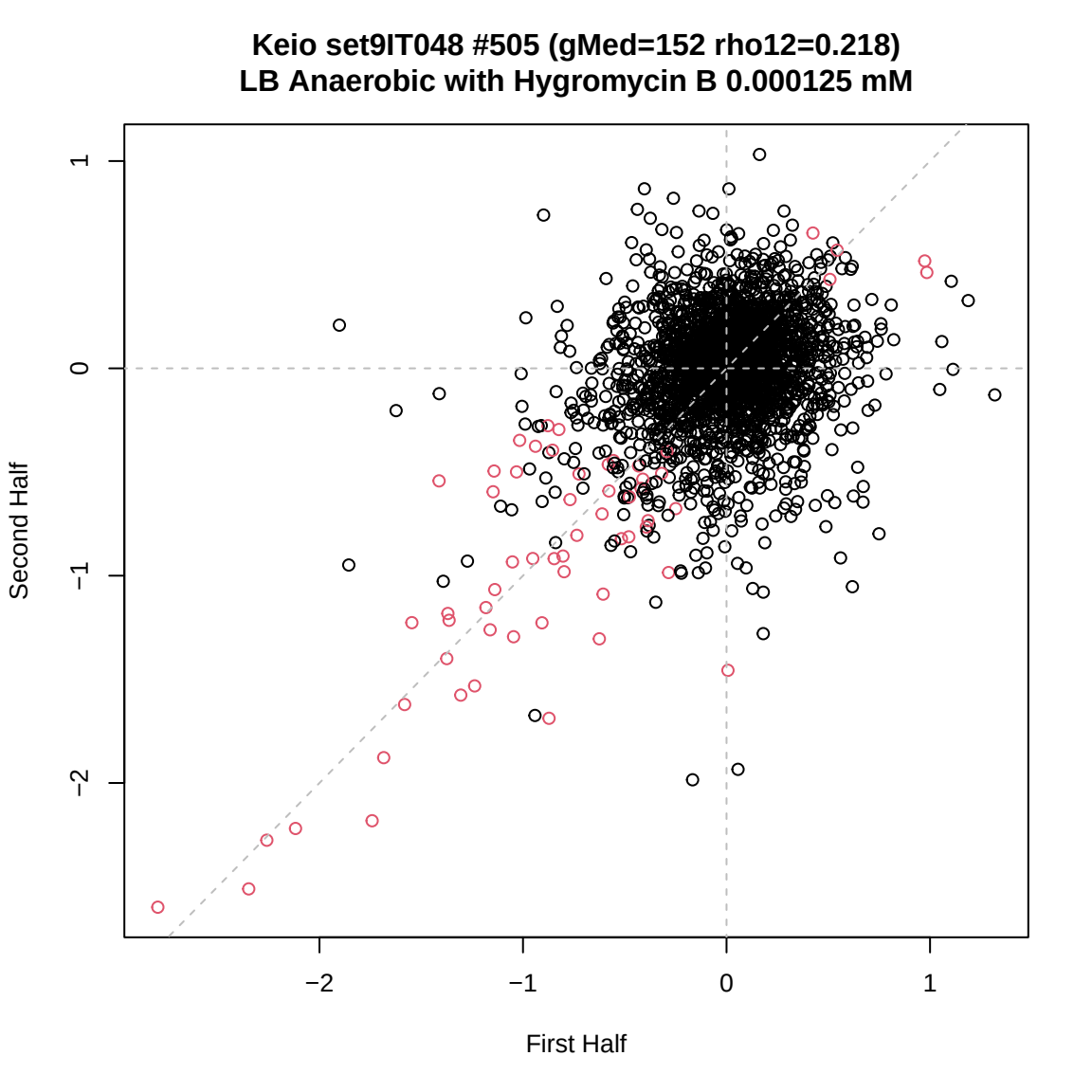

Keio set9IT043 #500 (gMed=70 rho12=0.329)
LB Anaerobic with Amoxicillin 0.0000078125 mM
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

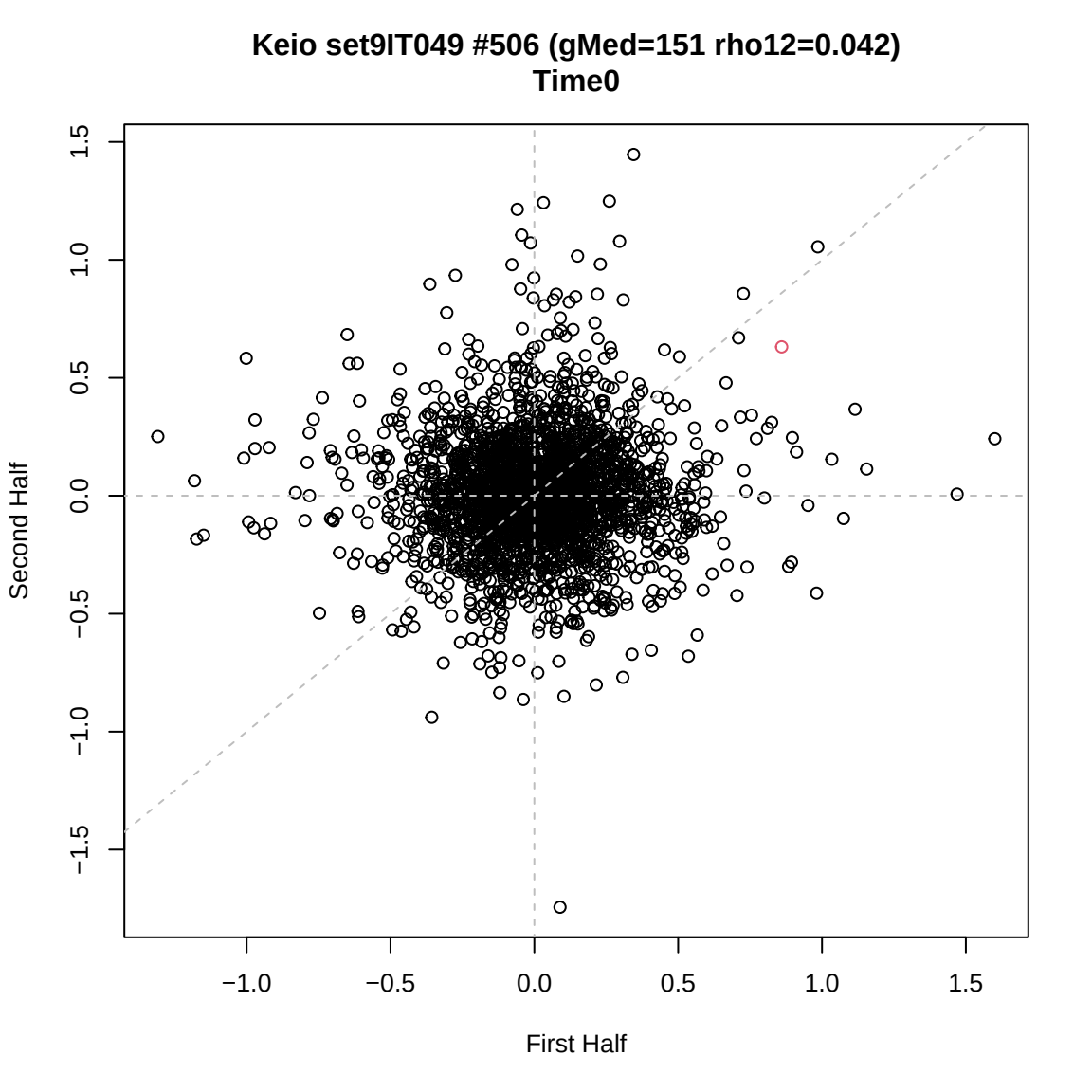

Keio set9IT044 #501 (gMed=155 rho12=0.225)
LB Anaerobic with Amoxicillin 0.00000390625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

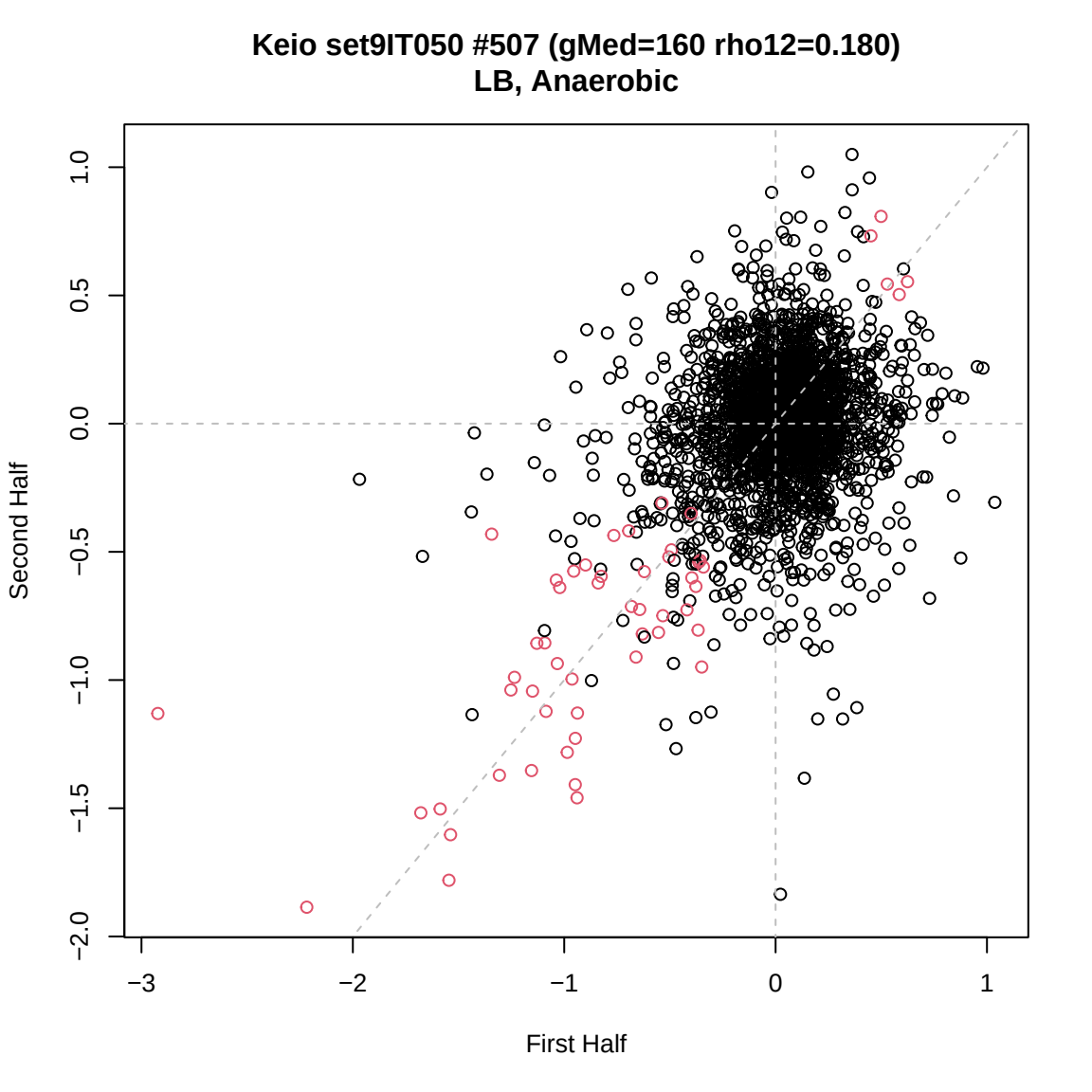

Keio set9IT045 #502 (gMed=157 rho12=0.262)
LB Anaerobic with Tetracycline 0.0000003125 mM
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2

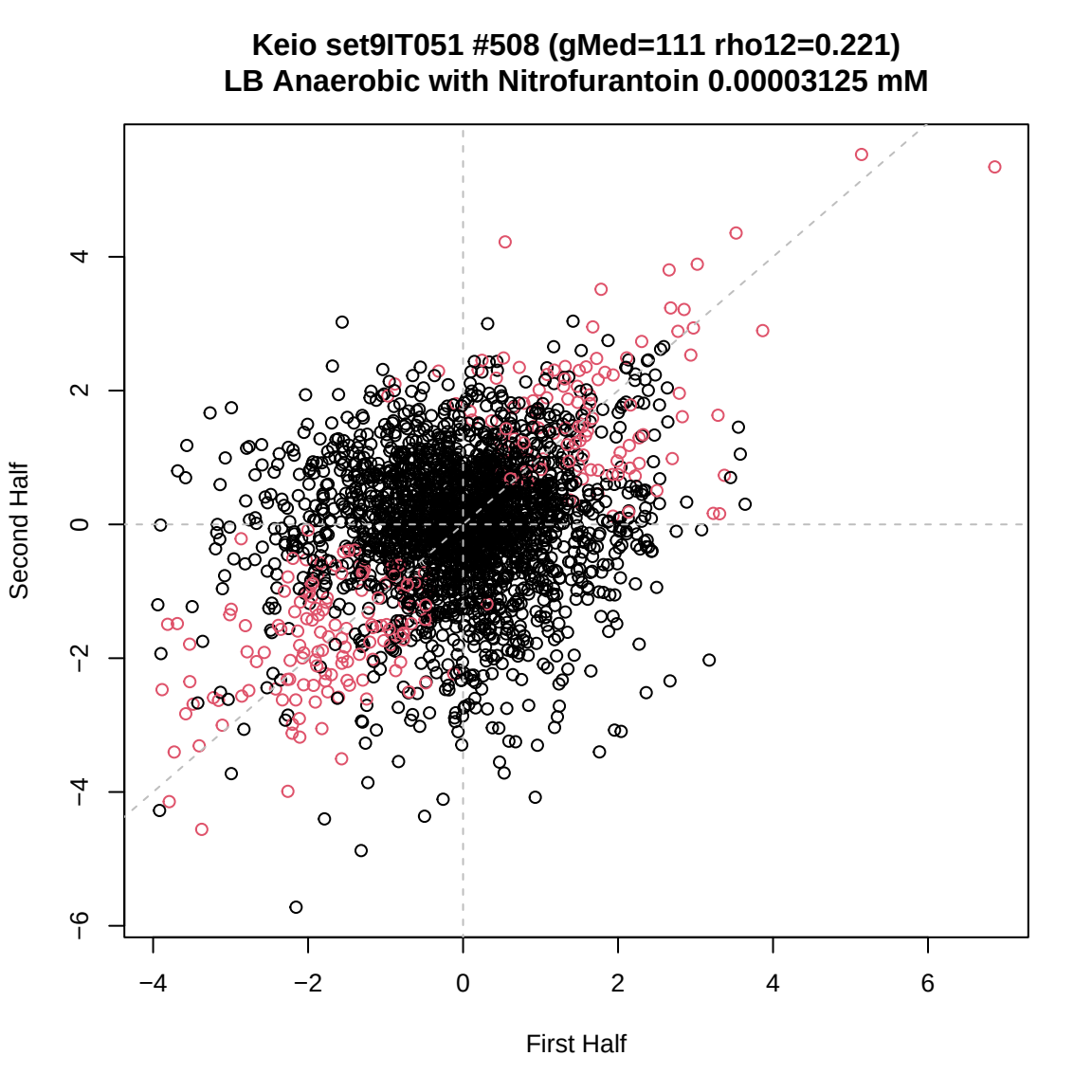

Keio set9IT046 #503 (gMed=153 rho12=0.157)
LB Anaerobic with Tetracycline 0.000000078125 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

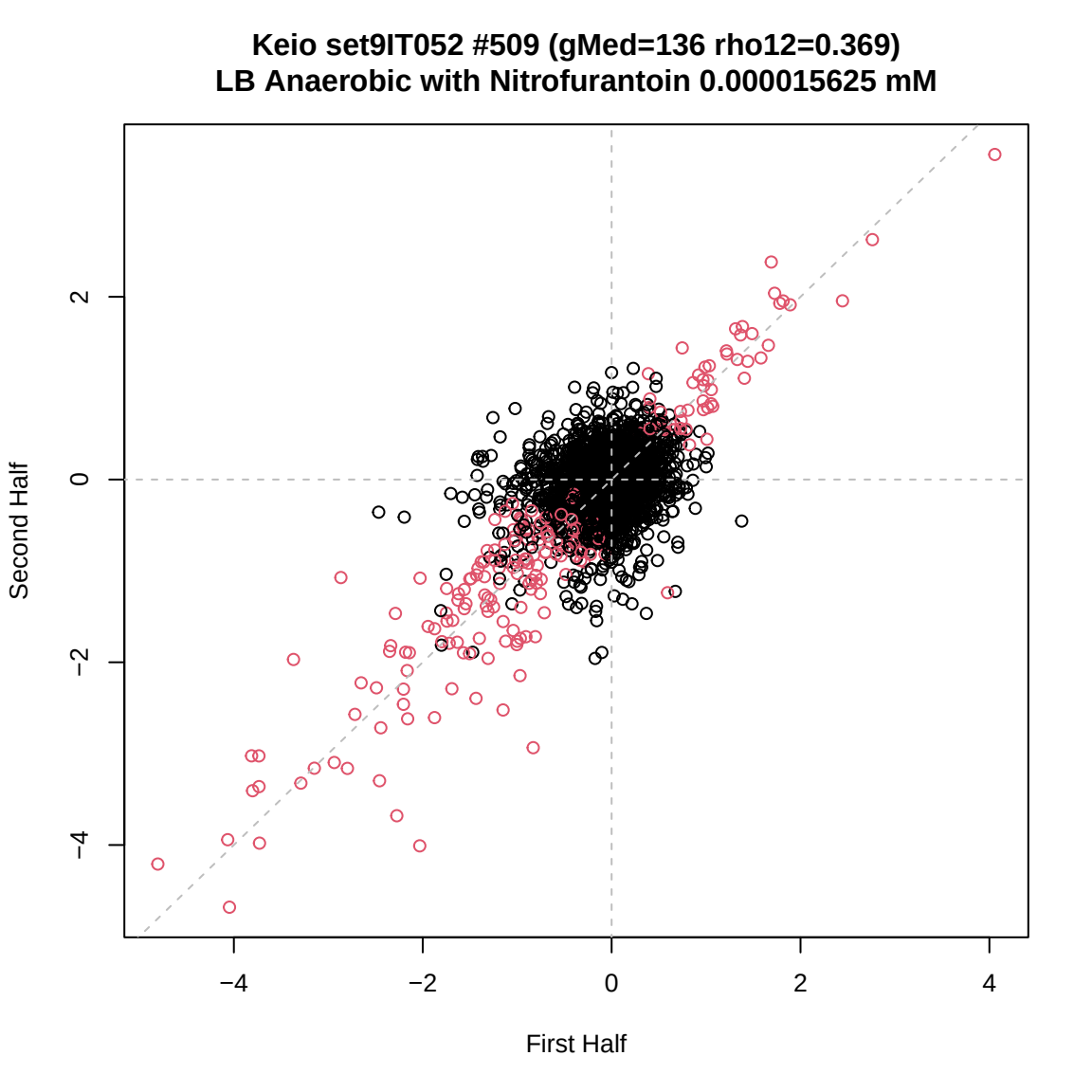

Keio set9IT047 #504 (gMed=131 rho12=0.236)
LB Anaerobic with Hygromycin B 0.00025 mM
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

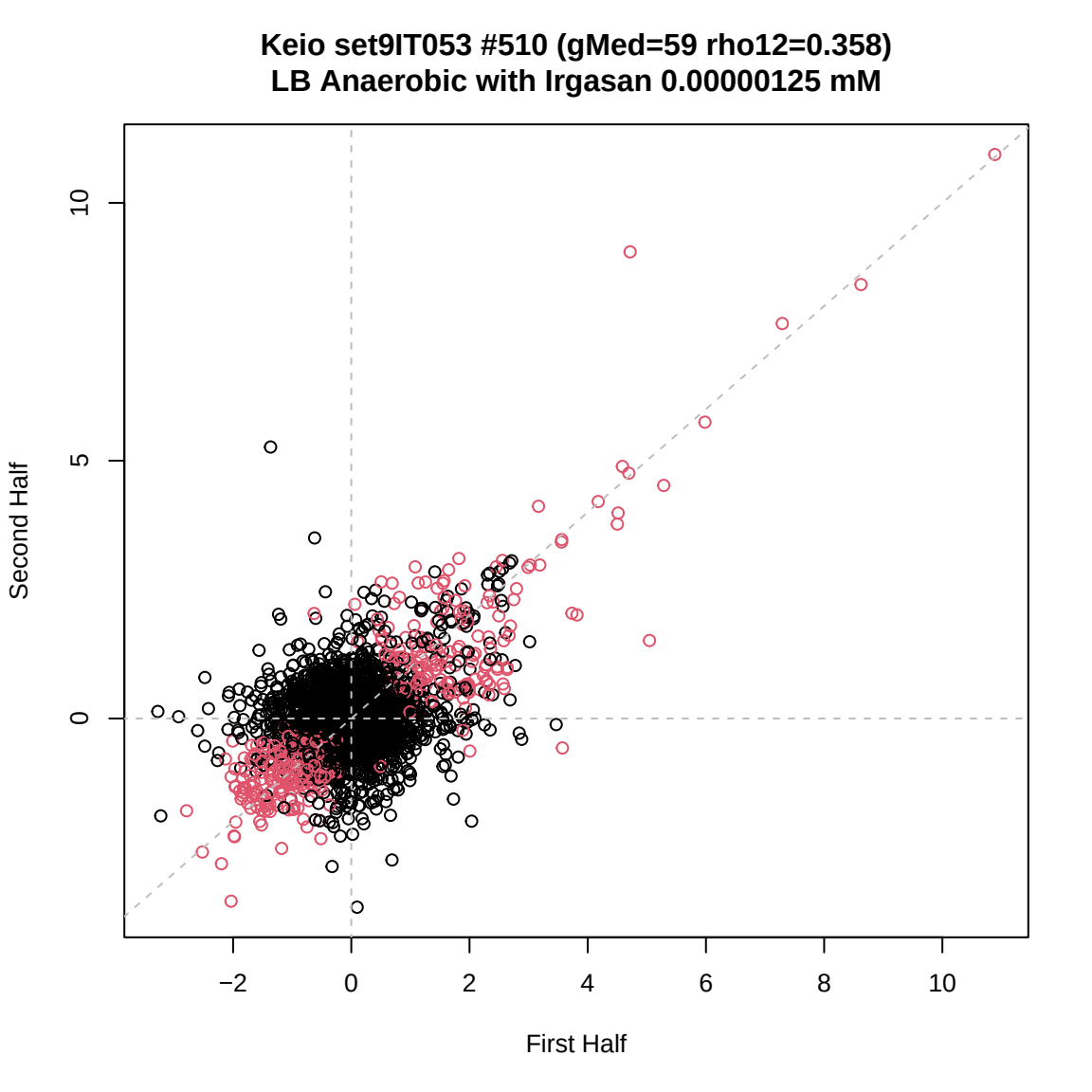

Keio set9IT048 #505 (gMed=152 rho12=0.218)
LB Anaerobic with Hygromycin B 0.000125 mM
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

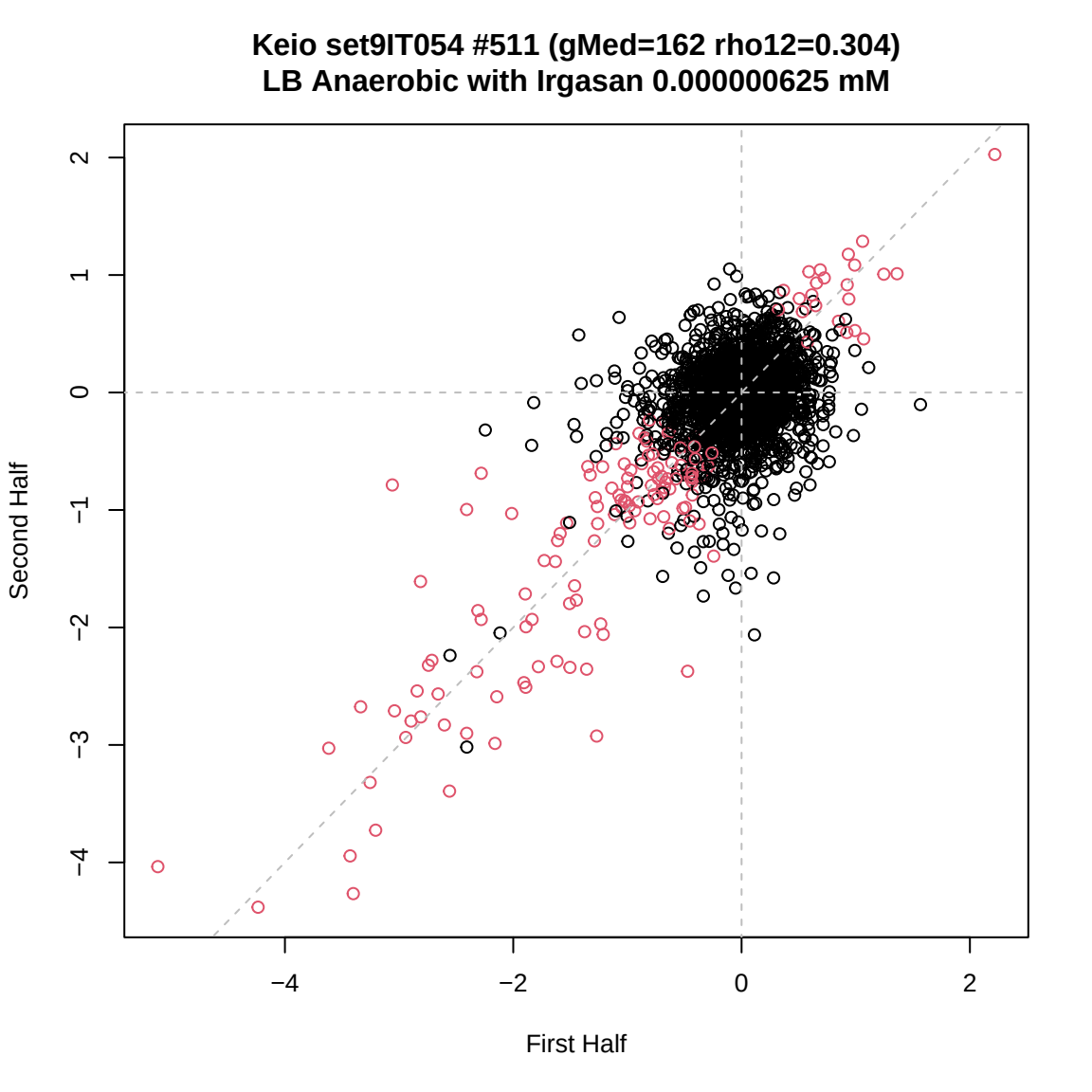

Keio set9IT049 #506 (gMed=151 rho12=0.042)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

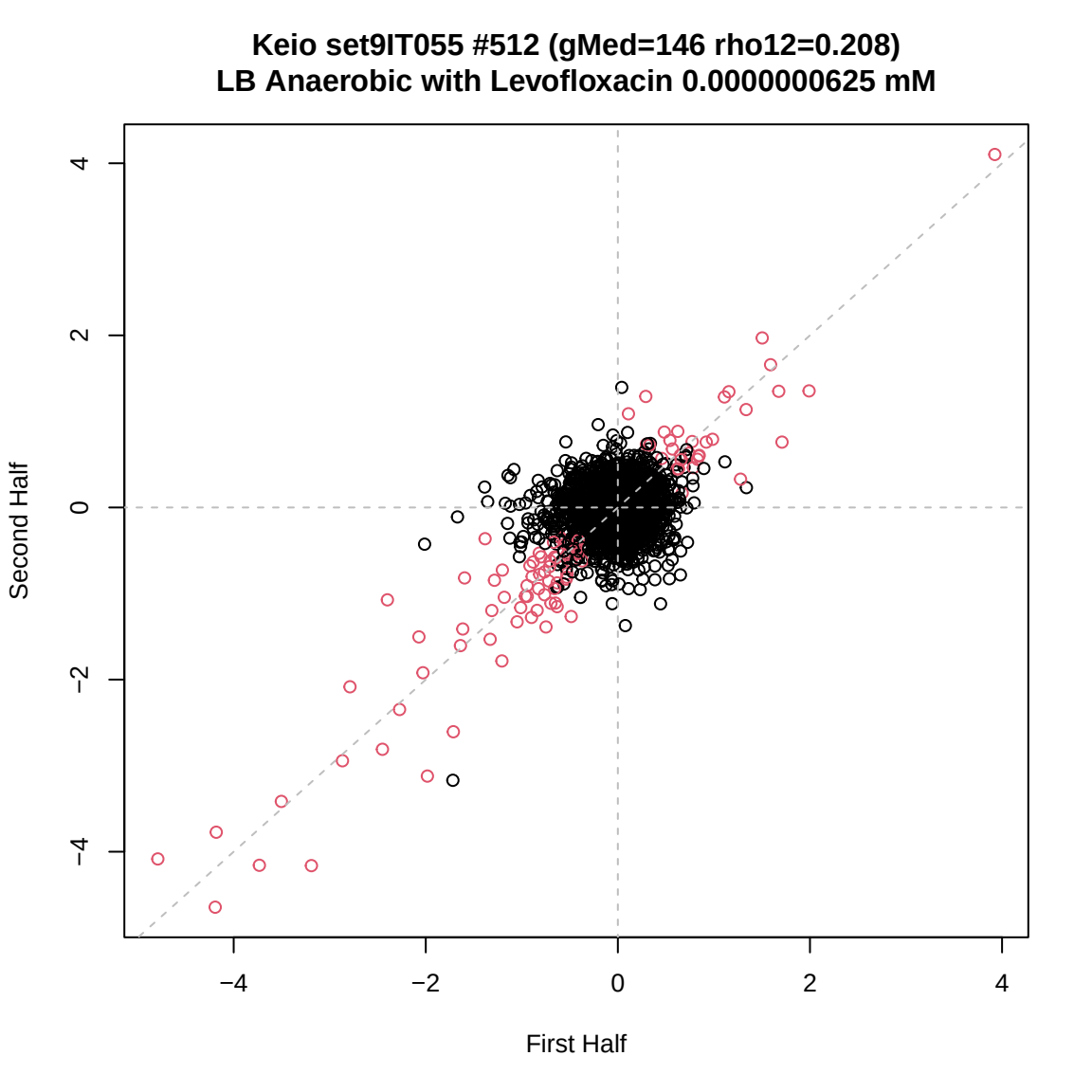

Keio set9IT050 #507 (gMed=160 rho12=0.180)
LB, Anaerobic
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1

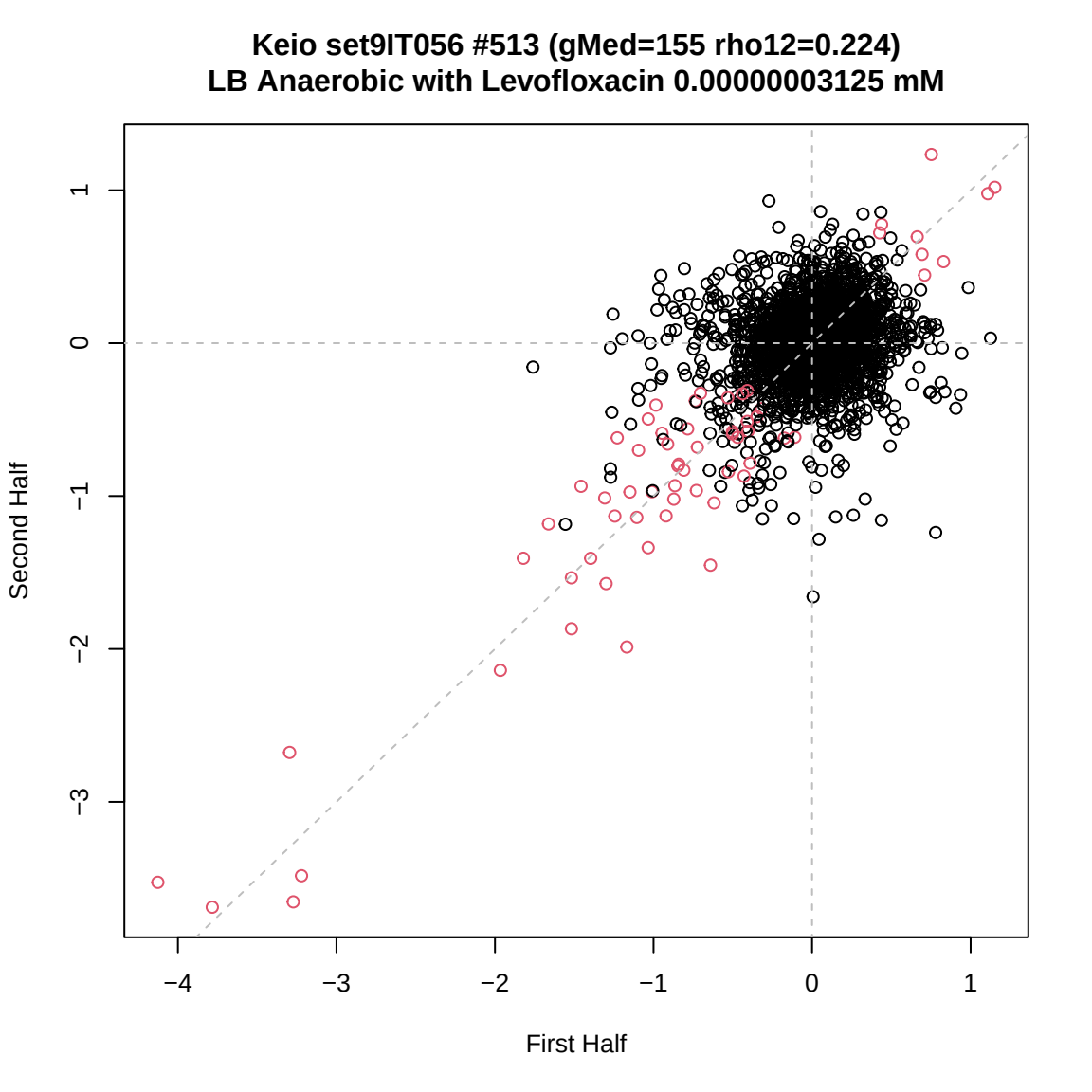

Keio set9IT051 #508 (gMed=111 rho12=0.221)
LB Anaerobic with Nitrofurantoin 0.00003125 mM
Second Half
First Half
−6
−4
−2
0
2
4
−4
−2
0
2
4
6

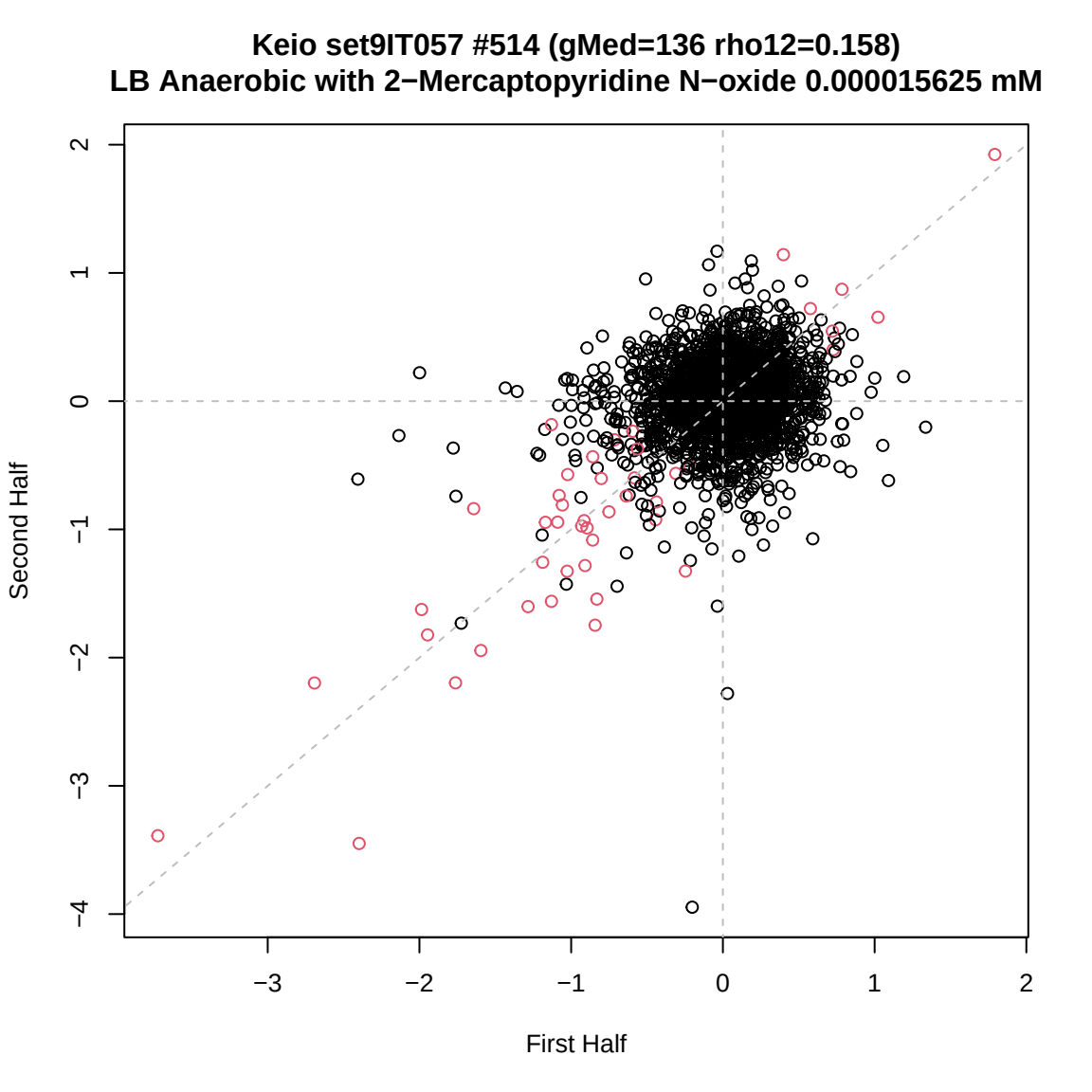

Keio set9IT052 #509 (gMed=136 rho12=0.369)
LB Anaerobic with Nitrofurantoin 0.000015625 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2
4

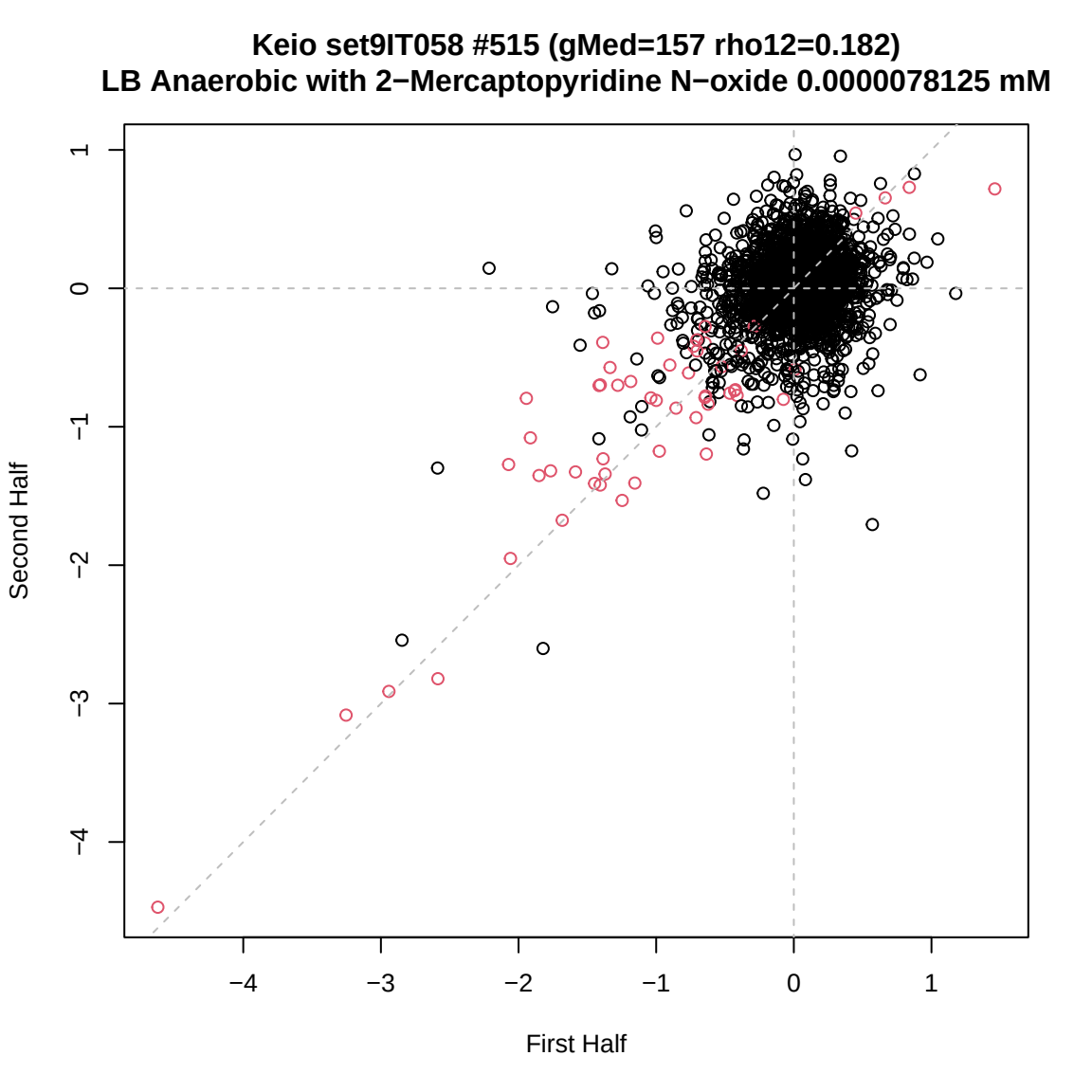

Keio set9IT053 #510 (gMed=59 rho12=0.358)
LB Anaerobic with Irgasan 0.00000125 mM
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

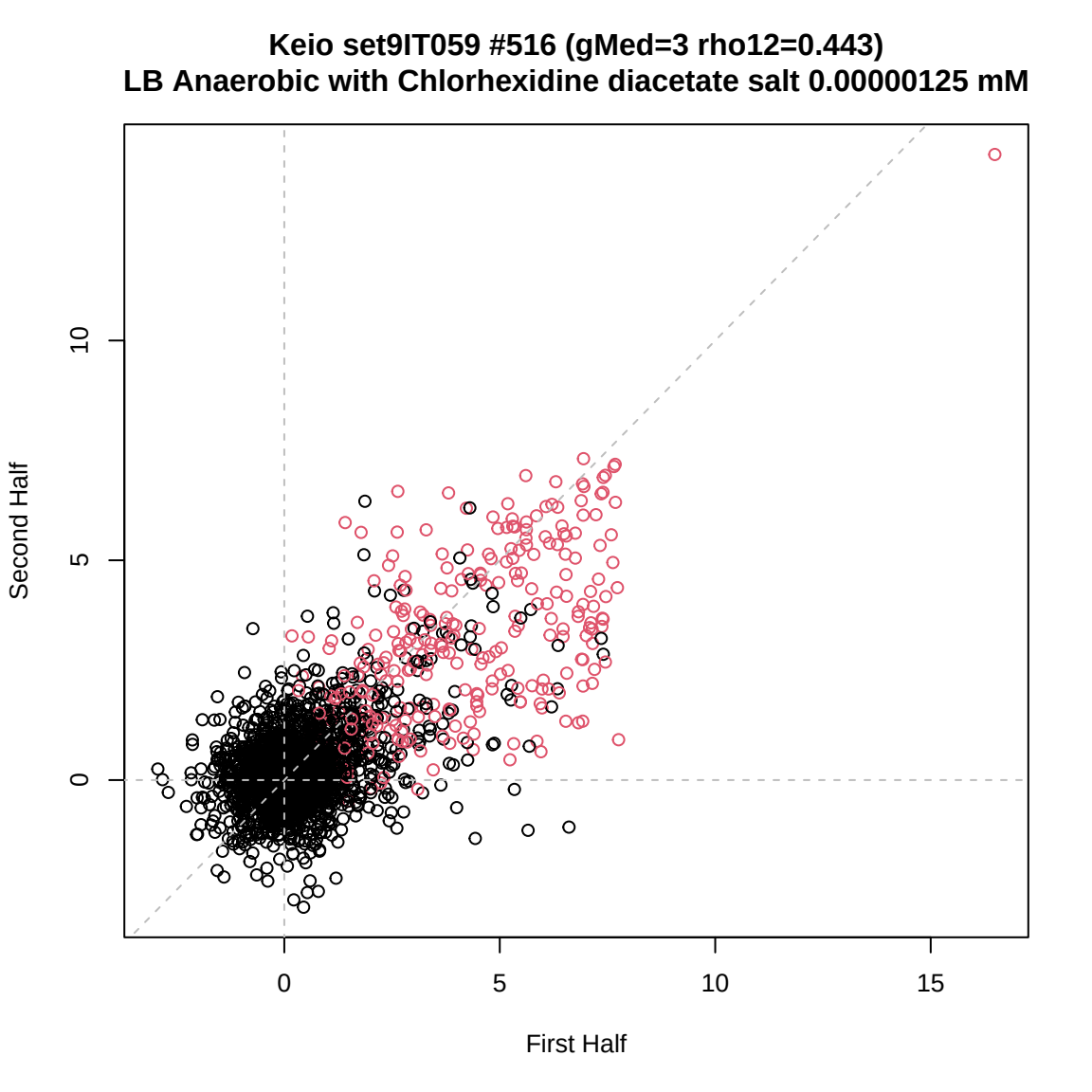

Keio set9IT054 #511 (gMed=162 rho12=0.304)
LB Anaerobic with Irgasan 0.000000625 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

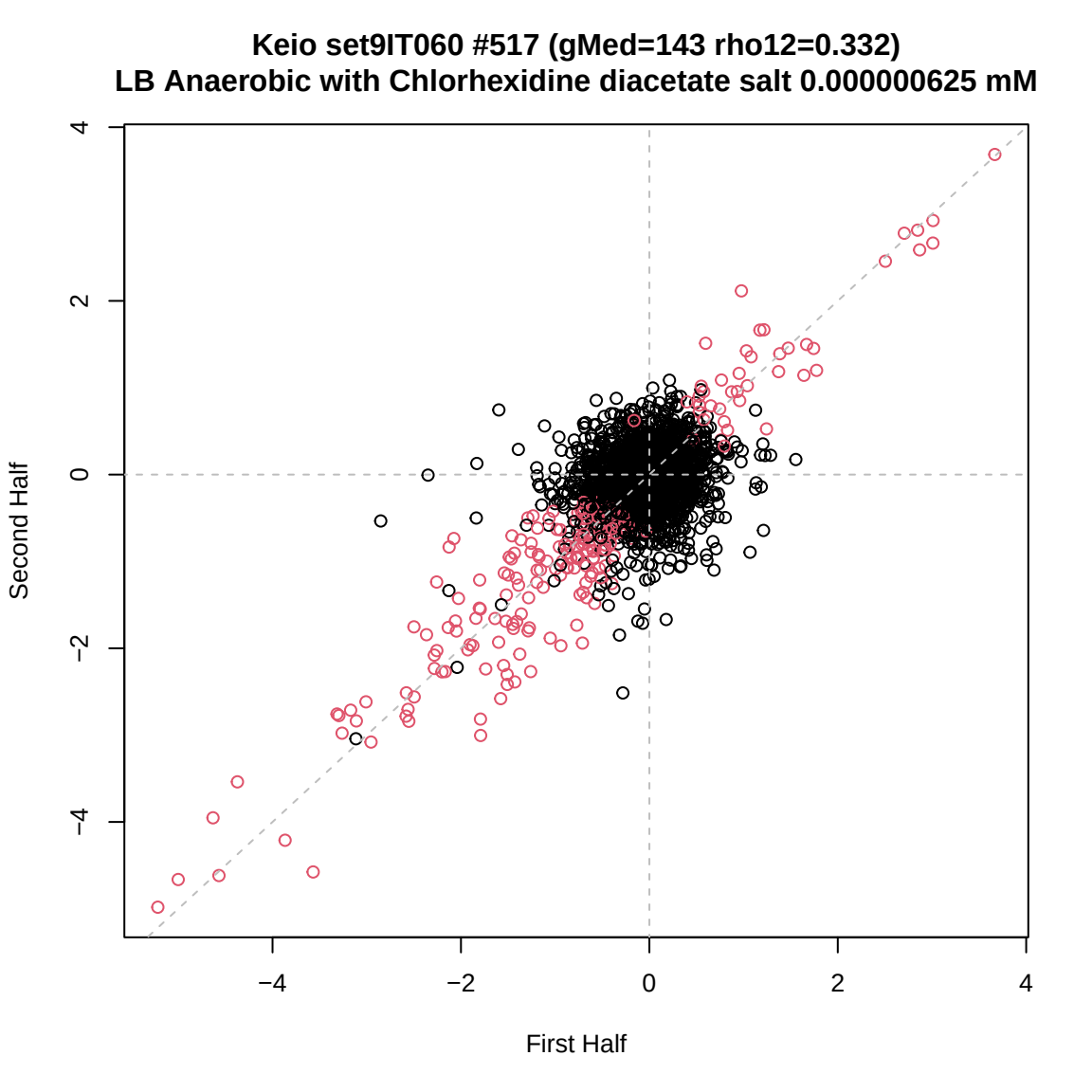

Keio set9IT055 #512 (gMed=146 rho12=0.208)
LB Anaerobic with Levofloxacin 0.0000000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

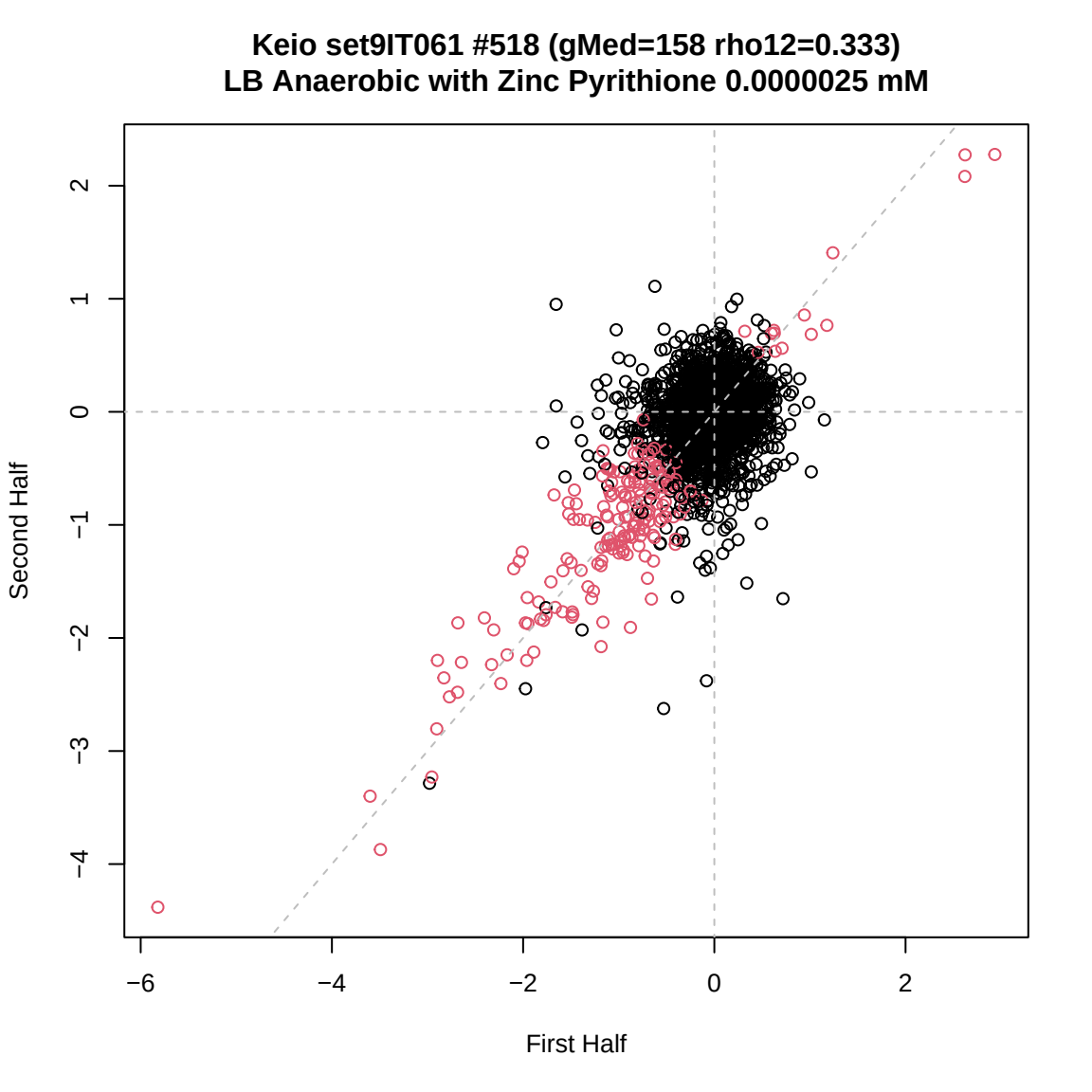

Keio set9IT056 #513 (gMed=155 rho12=0.224)
LB Anaerobic with Levofloxacin 0.00000003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

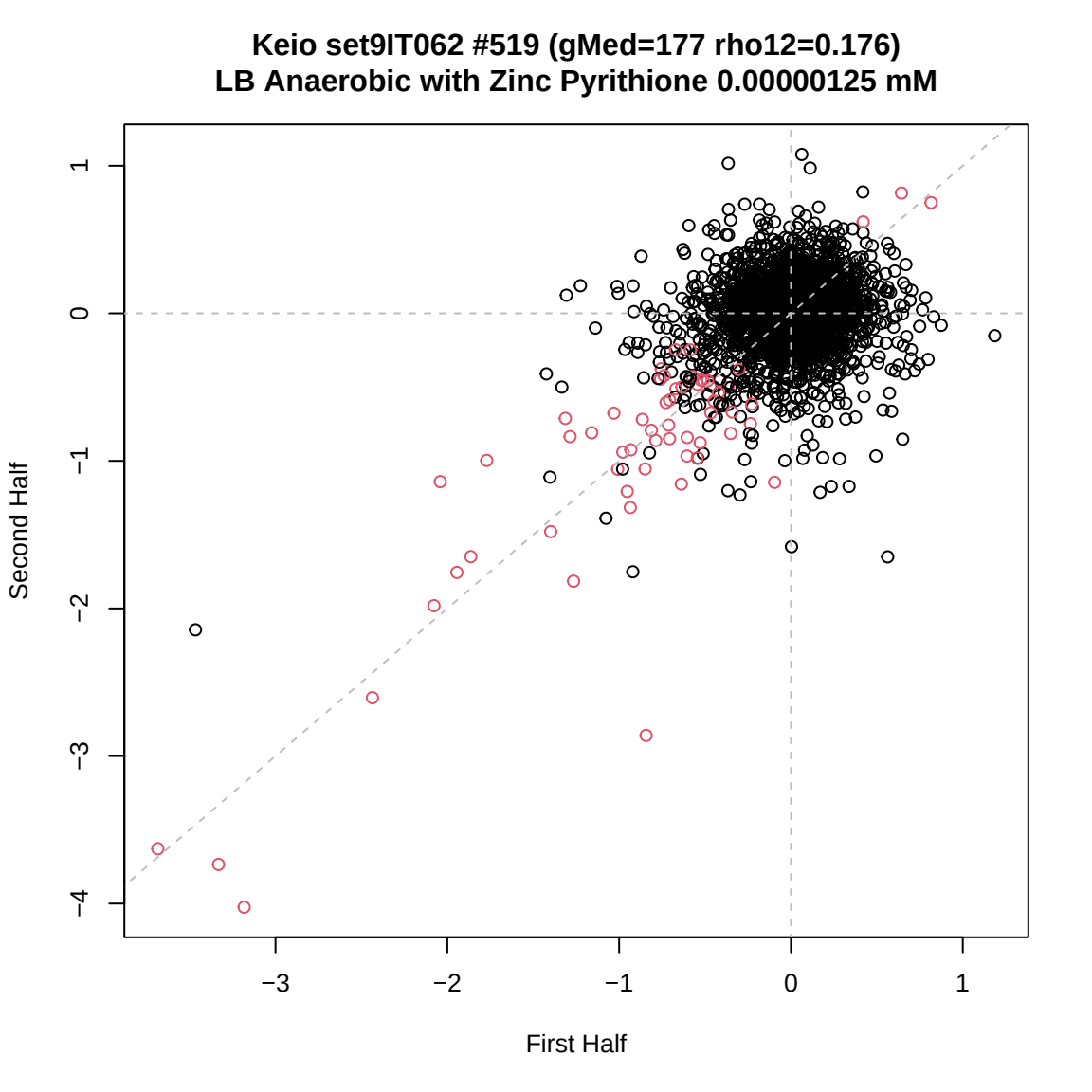

Keio set9IT057 #514 (gMed=136 rho12=0.158)
LB Anaerobic with 2−Mercaptopyridine N−oxide 0.000015625 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

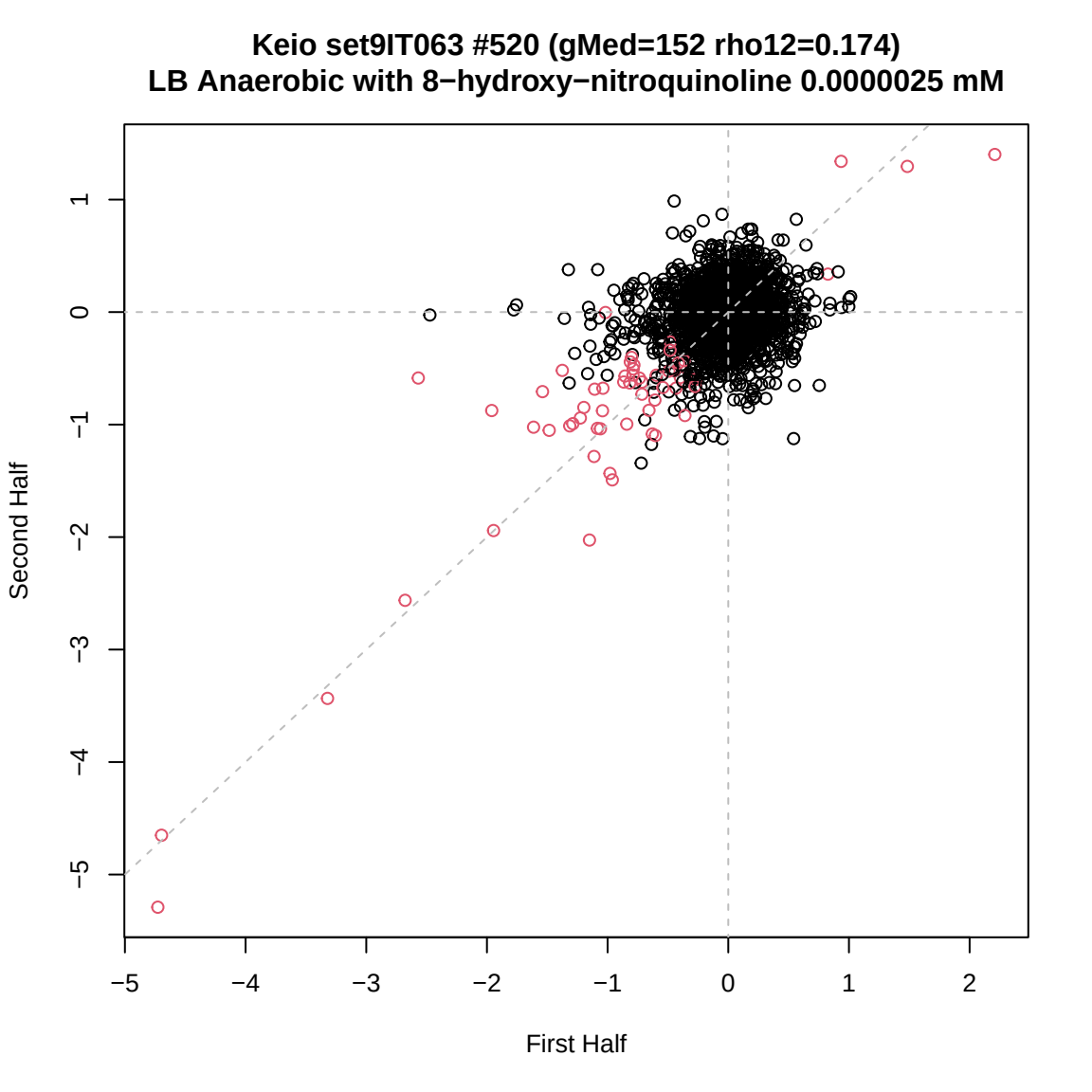

Keio set9IT058 #515 (gMed=157 rho12=0.182)
LB Anaerobic with 2−Mercaptopyridine N−oxide 0.0000078125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

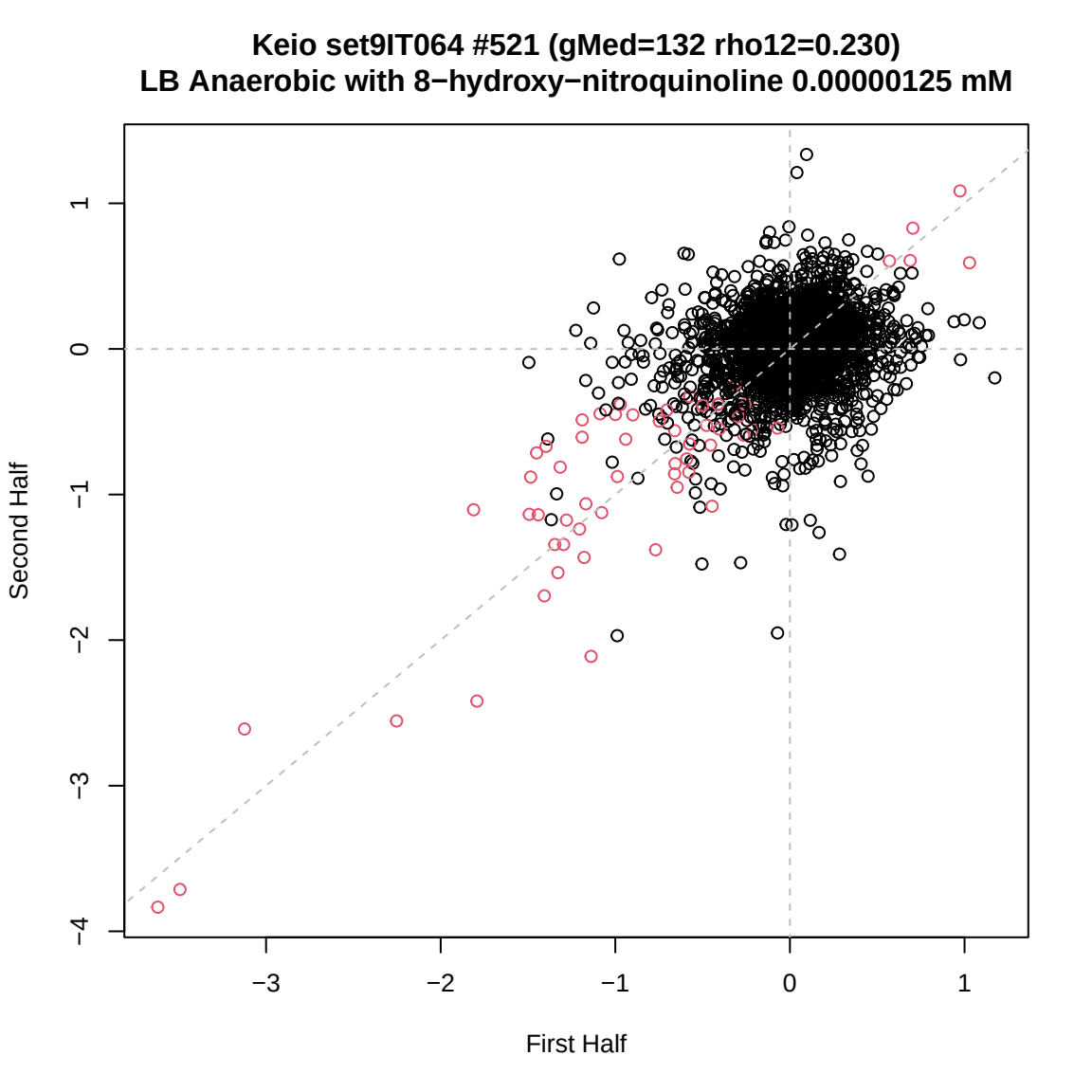

Keio set9IT059 #516 (gMed=3 rho12=0.443)
LB Anaerobic with Chlorhexidine diacetate salt 0.00000125 mM
Second Half
First Half
0
5
10
0
5
10
15

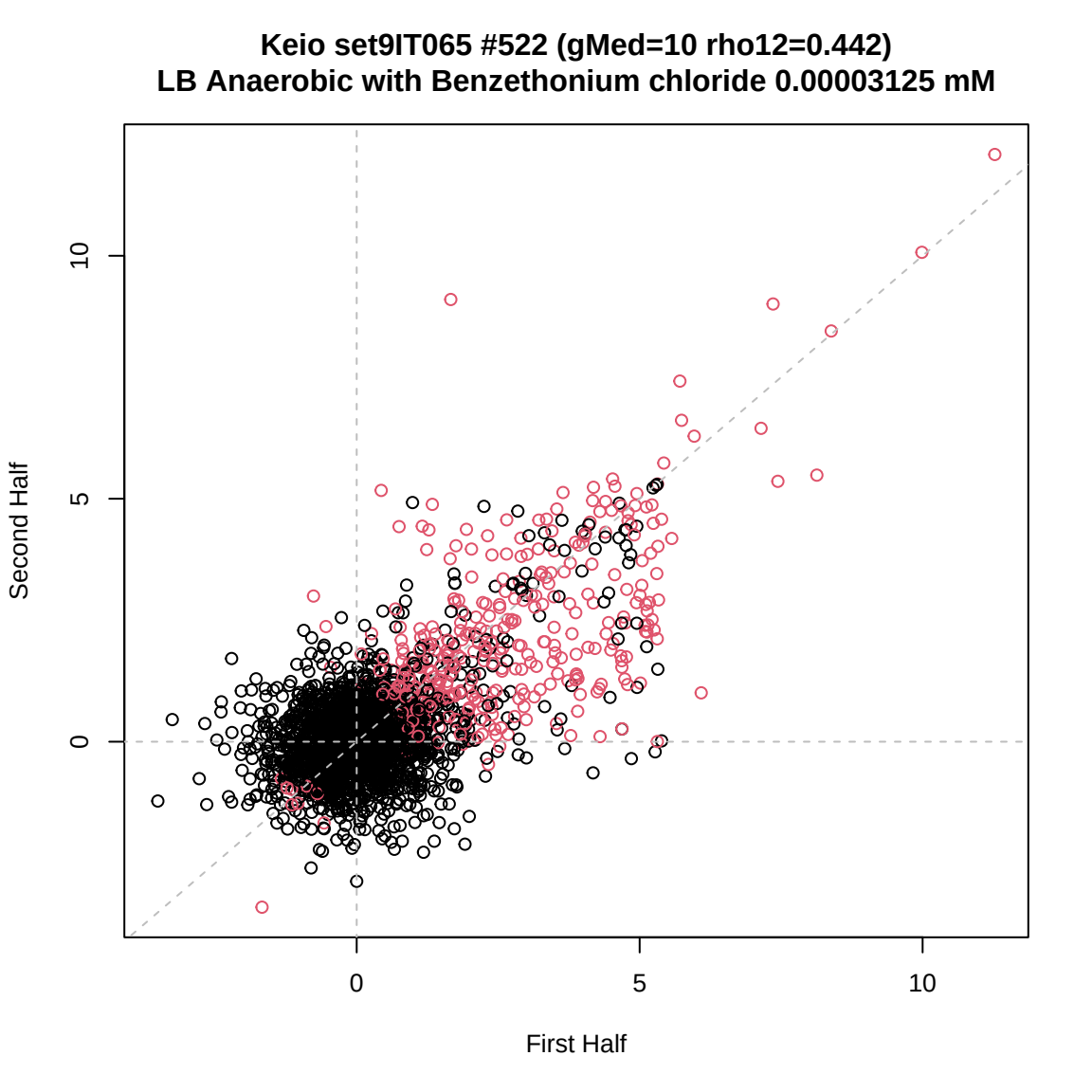

Keio set9IT060 #517 (gMed=143 rho12=0.332)
LB Anaerobic with Chlorhexidine diacetate salt 0.000000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

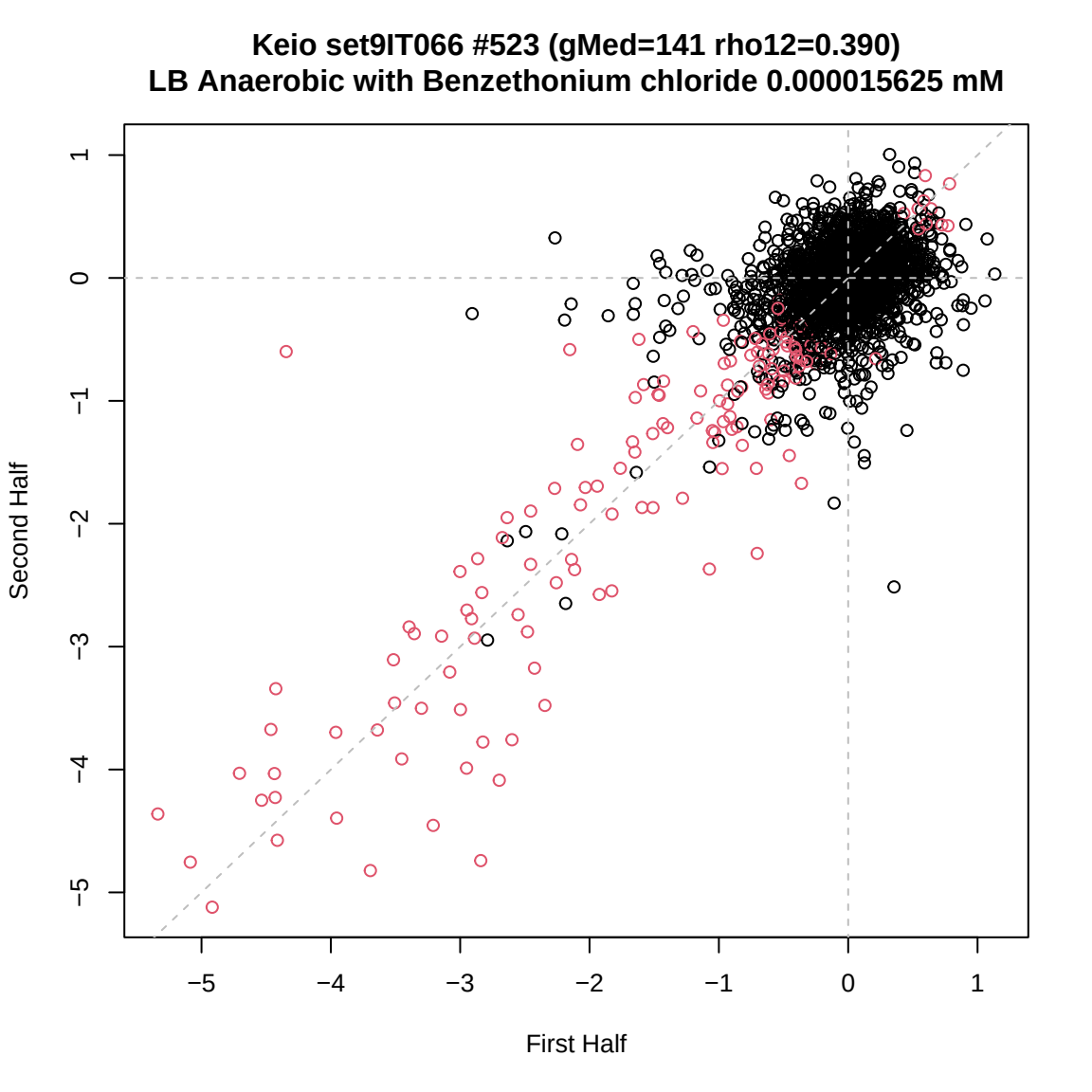

Keio set9IT061 #518 (gMed=158 rho12=0.333)
LB Anaerobic with Zinc Pyrithione 0.0000025 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0
2

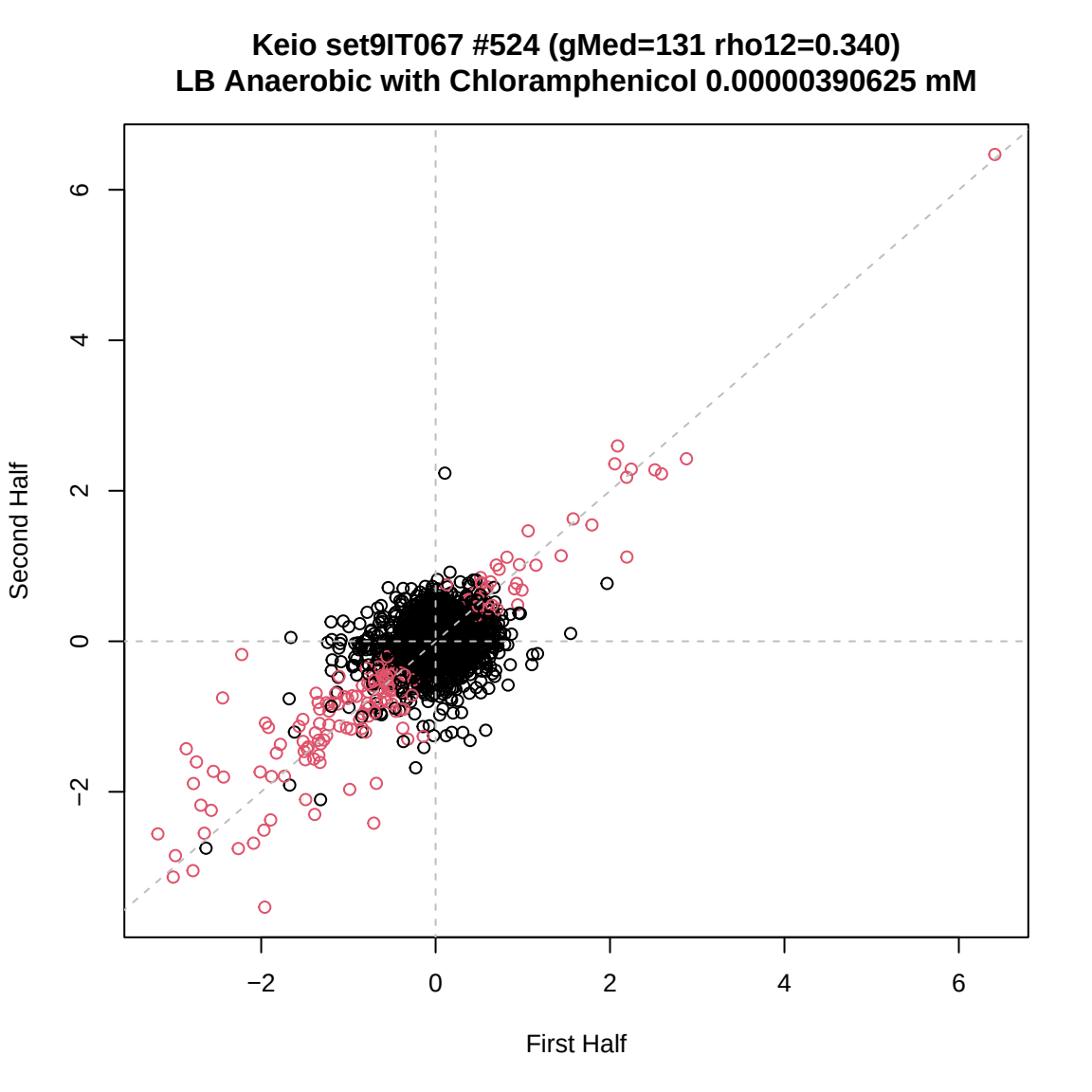

Keio set9IT062 #519 (gMed=177 rho12=0.176)
LB Anaerobic with Zinc Pyrithione 0.00000125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

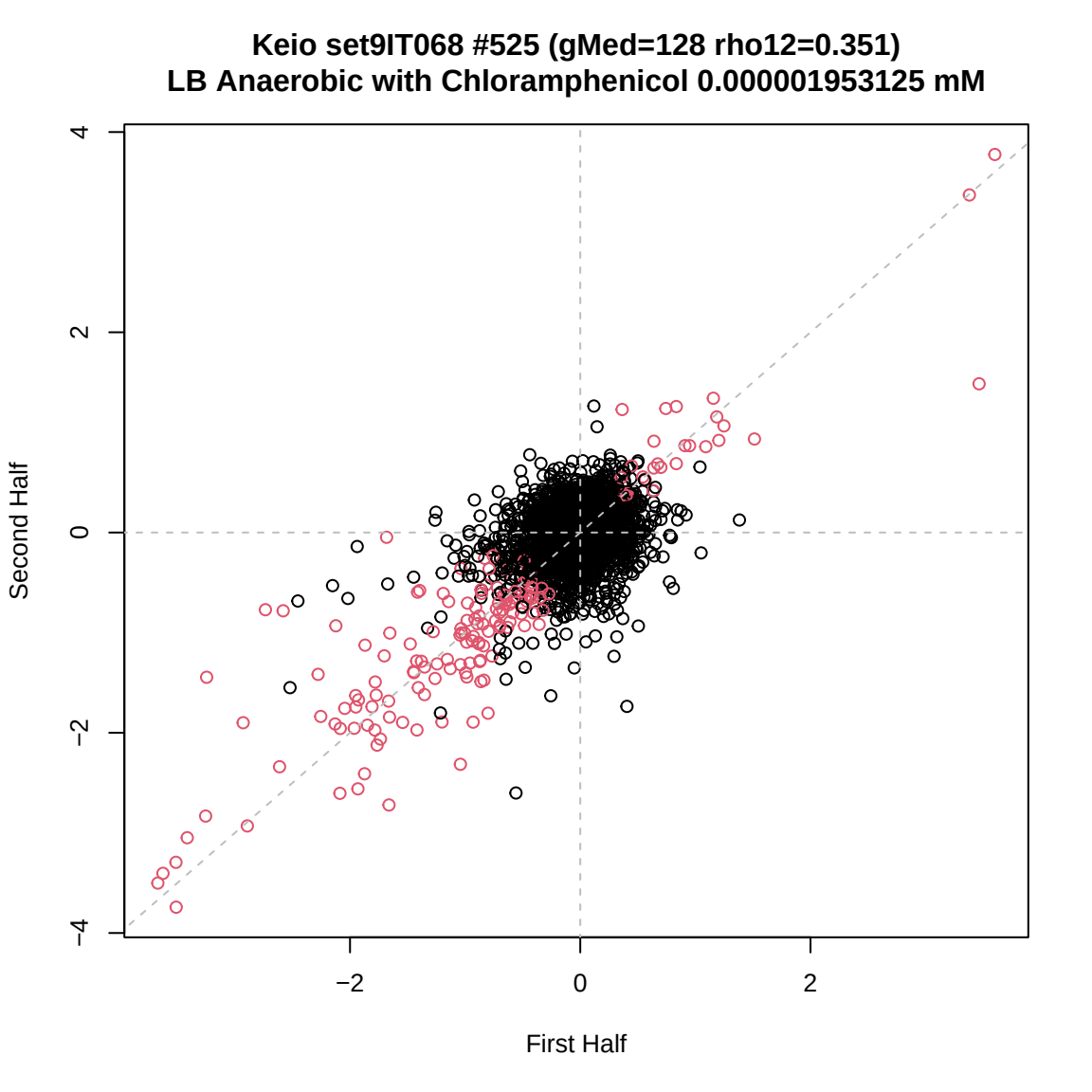

Keio set9IT063 #520 (gMed=152 rho12=0.174)
LB Anaerobic with 8−hydroxy−nitroquinoline 0.0000025 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
2

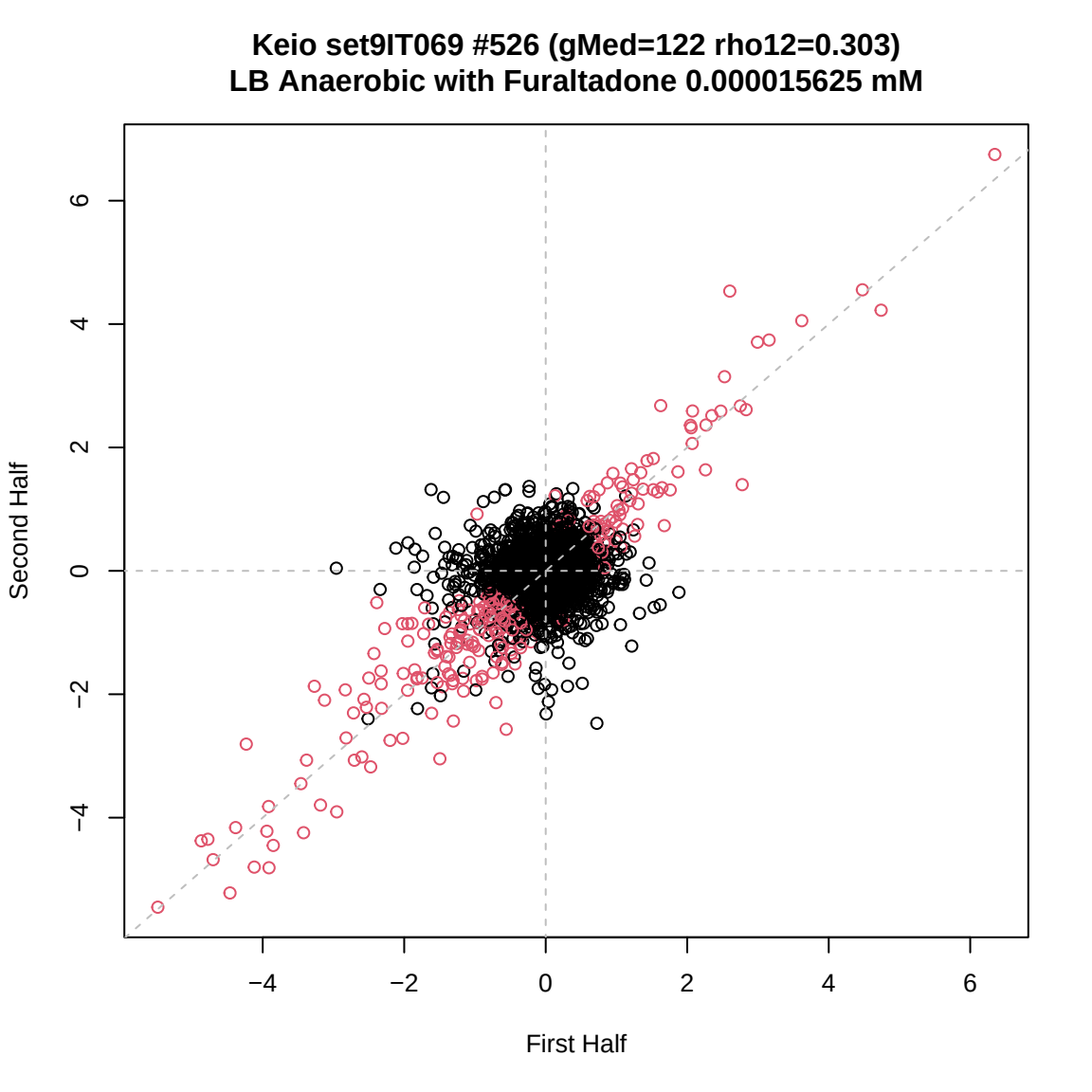

Keio set9IT064 #521 (gMed=132 rho12=0.230)
LB Anaerobic with 8−hydroxy−nitroquinoline 0.00000125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

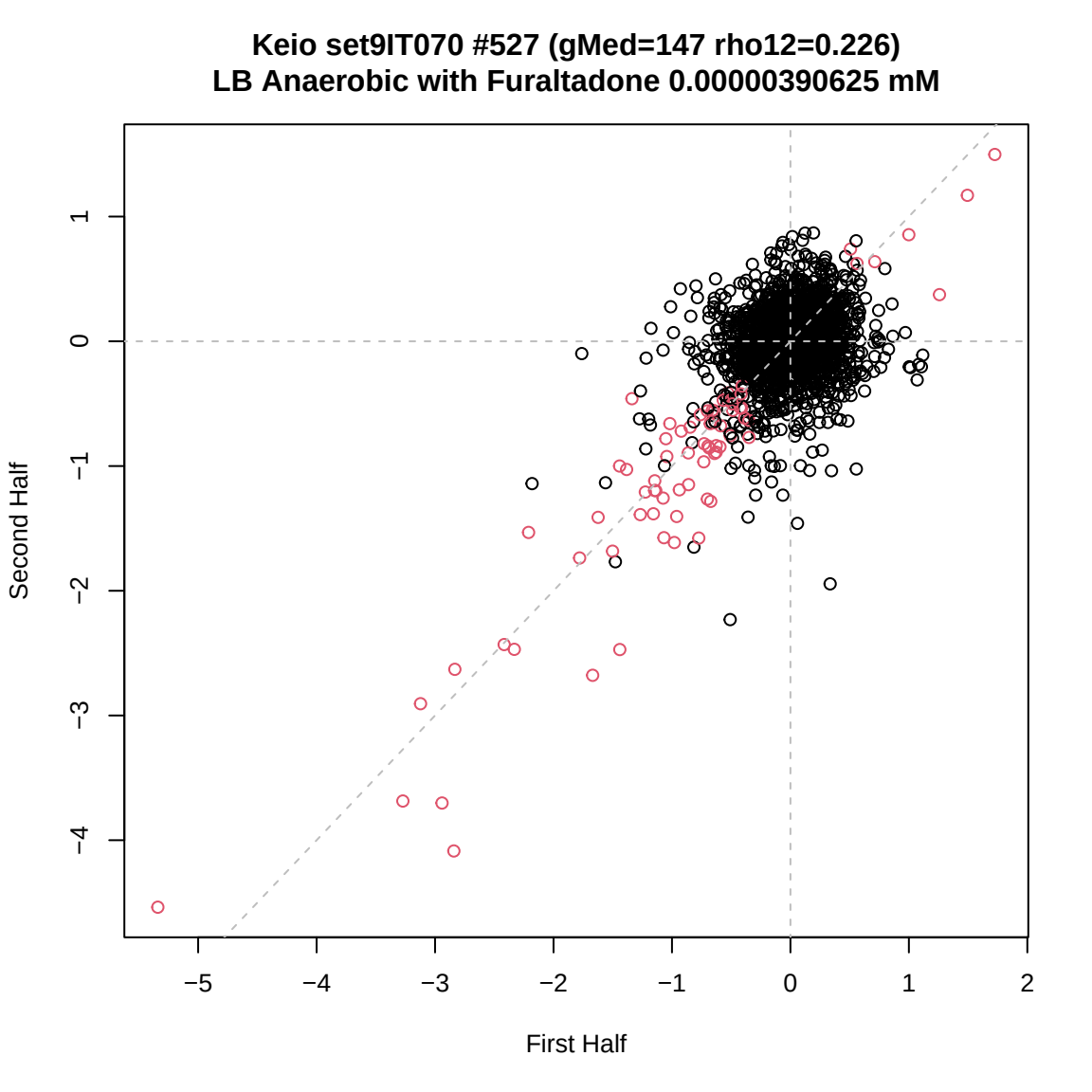

Keio set9IT065 #522 (gMed=10 rho12=0.442)
LB Anaerobic with Benzethonium chloride 0.00003125 mM
Second Half
First Half
0
5
10
0
5
10

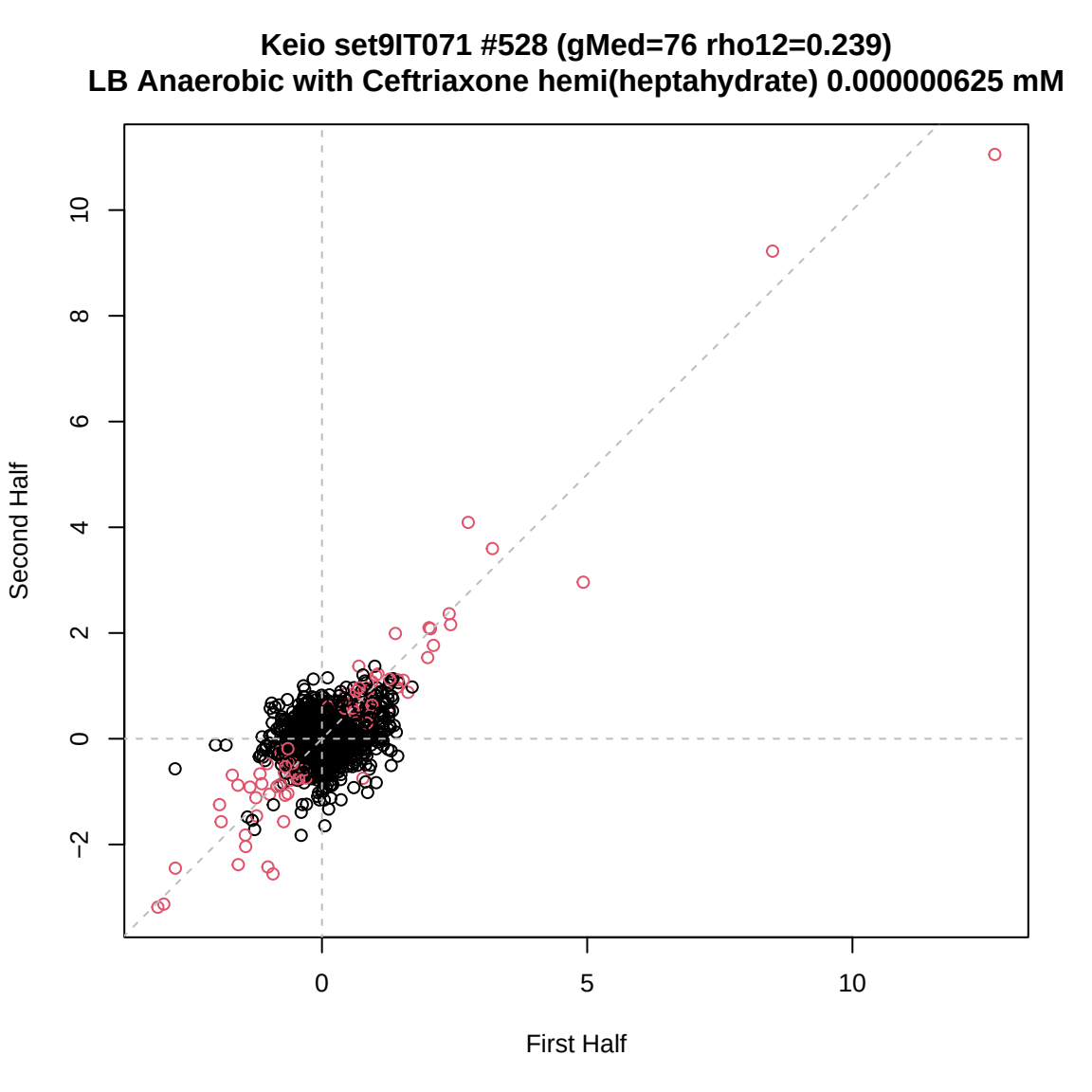

Keio set9IT066 #523 (gMed=141 rho12=0.390)
LB Anaerobic with Benzethonium chloride 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

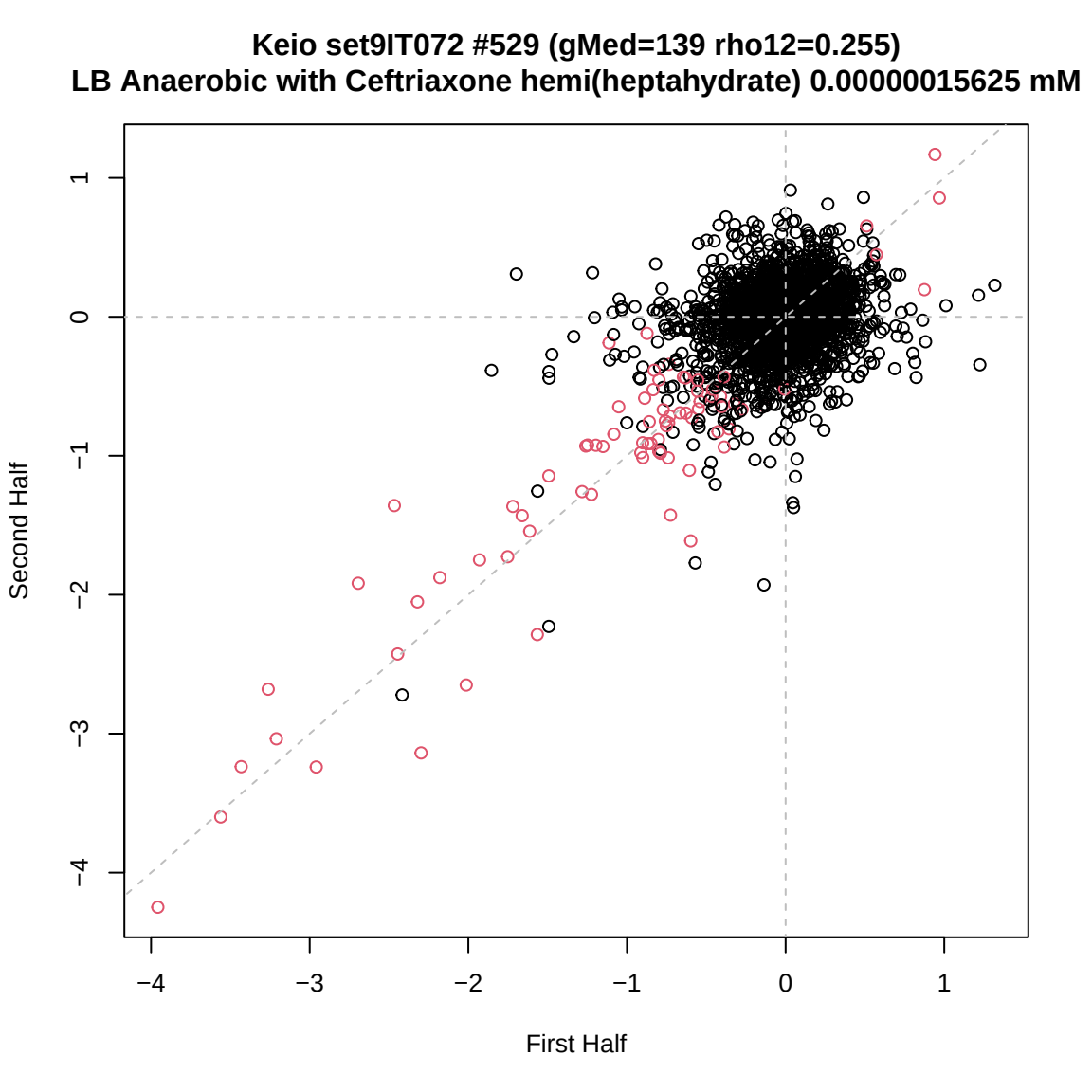

Keio set9IT067 #524 (gMed=131 rho12=0.340)
LB Anaerobic with Chloramphenicol 0.00000390625 mM
Second Half
First Half
−2
0
2
4
6

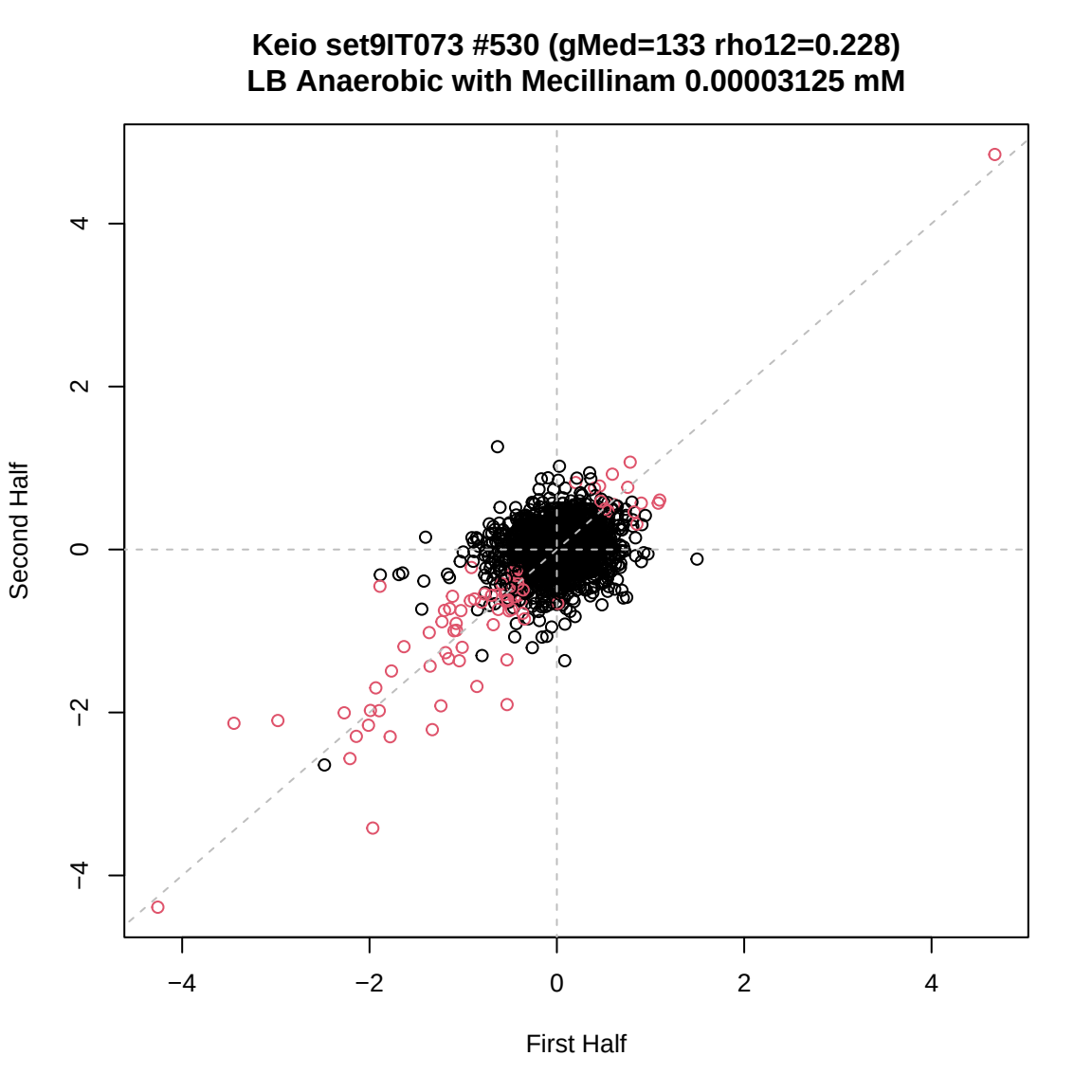

Keio set9lT068 #525 (gMed=128 rho12=0.351)
LB Anaerobic with Chloramphenicol 0.000001953125 mM
Second Half
First Half
4
2
0
−2
−4
−2
0
2

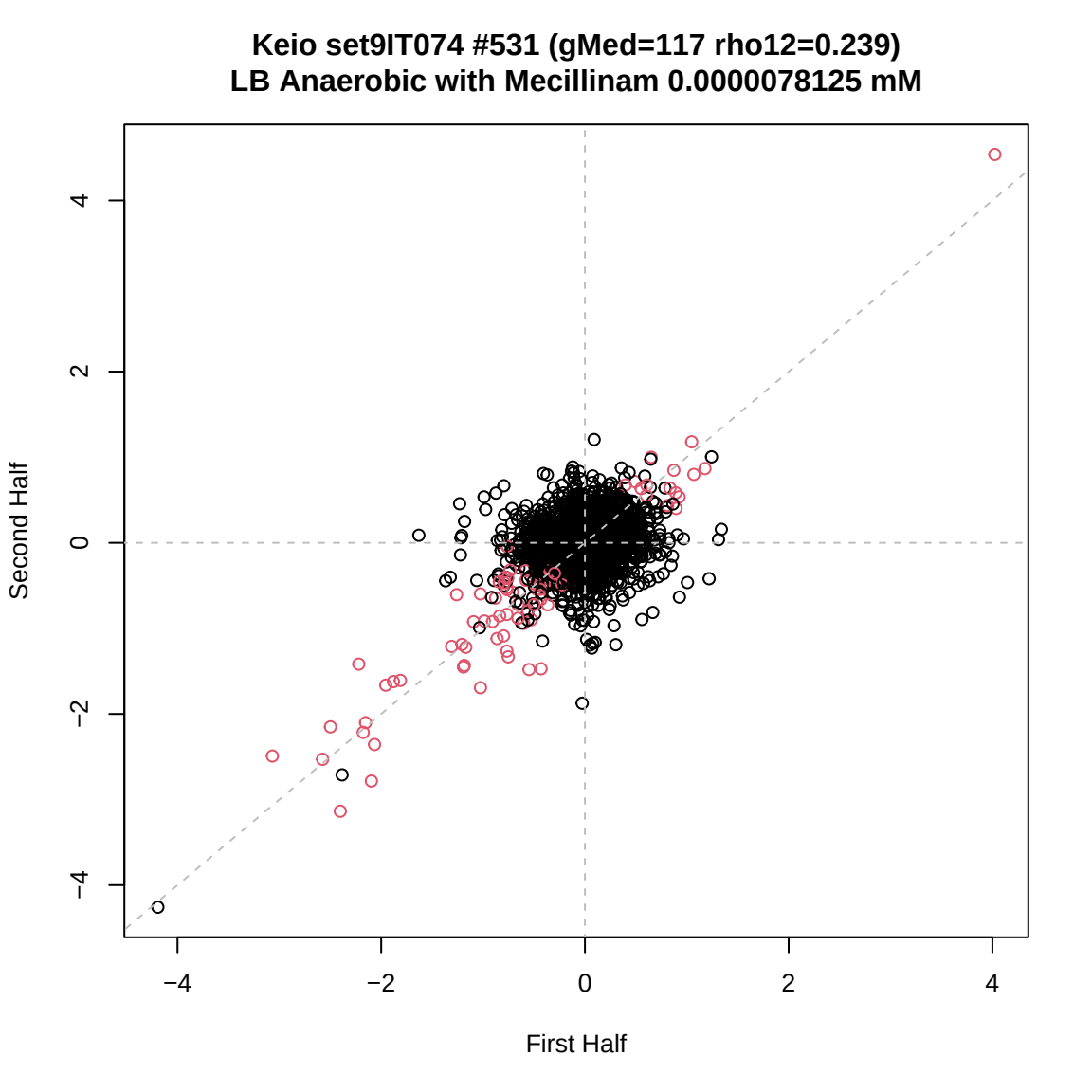

Keio set9IT069 #526 (gMed=122 rho12=0.303)
LB Anaerobic with Furaltadone 0.000015625 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

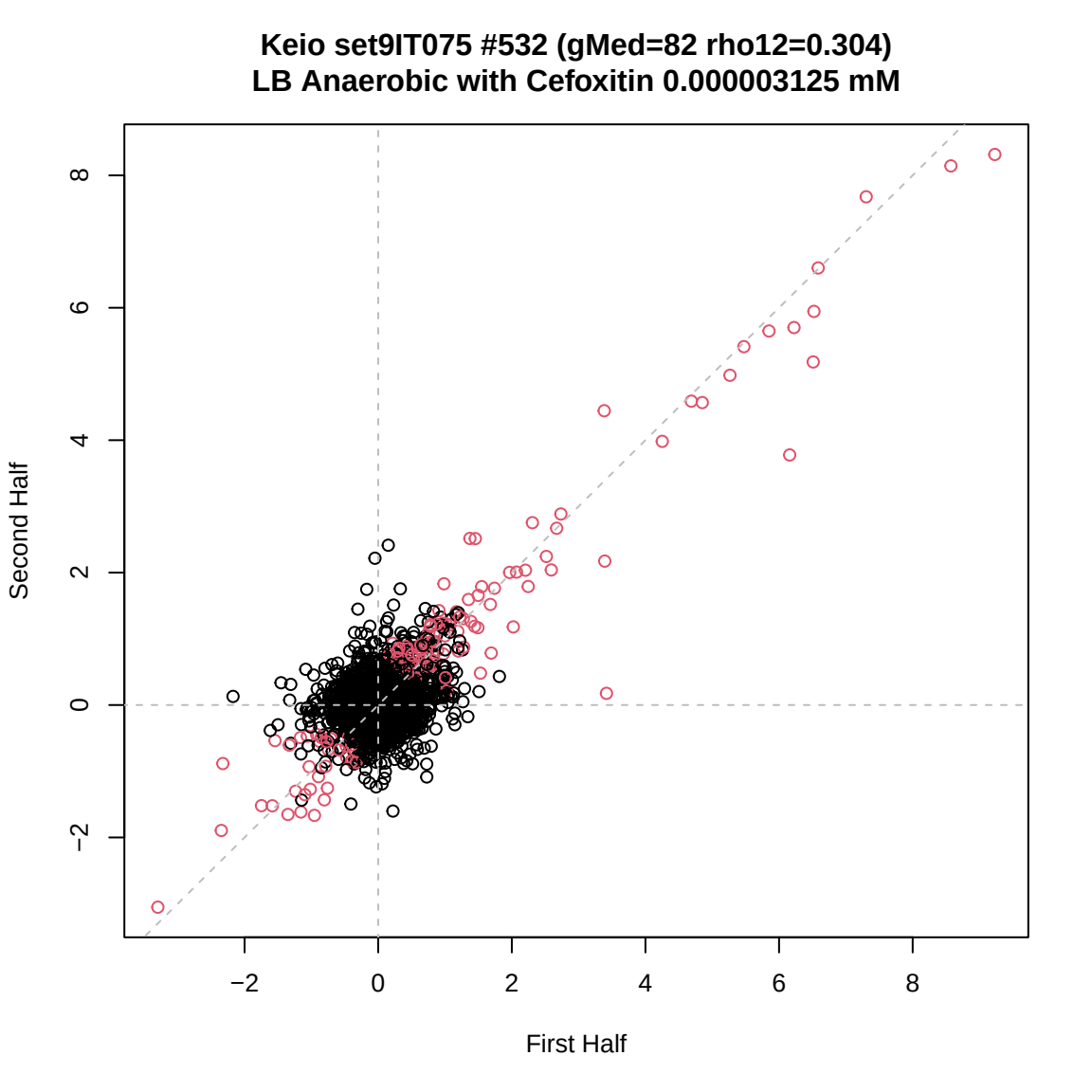

Keio set9IT070 #527 (gMed=147 rho12=0.226)
LB Anaerobic with Furaltadone 0.00000390625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

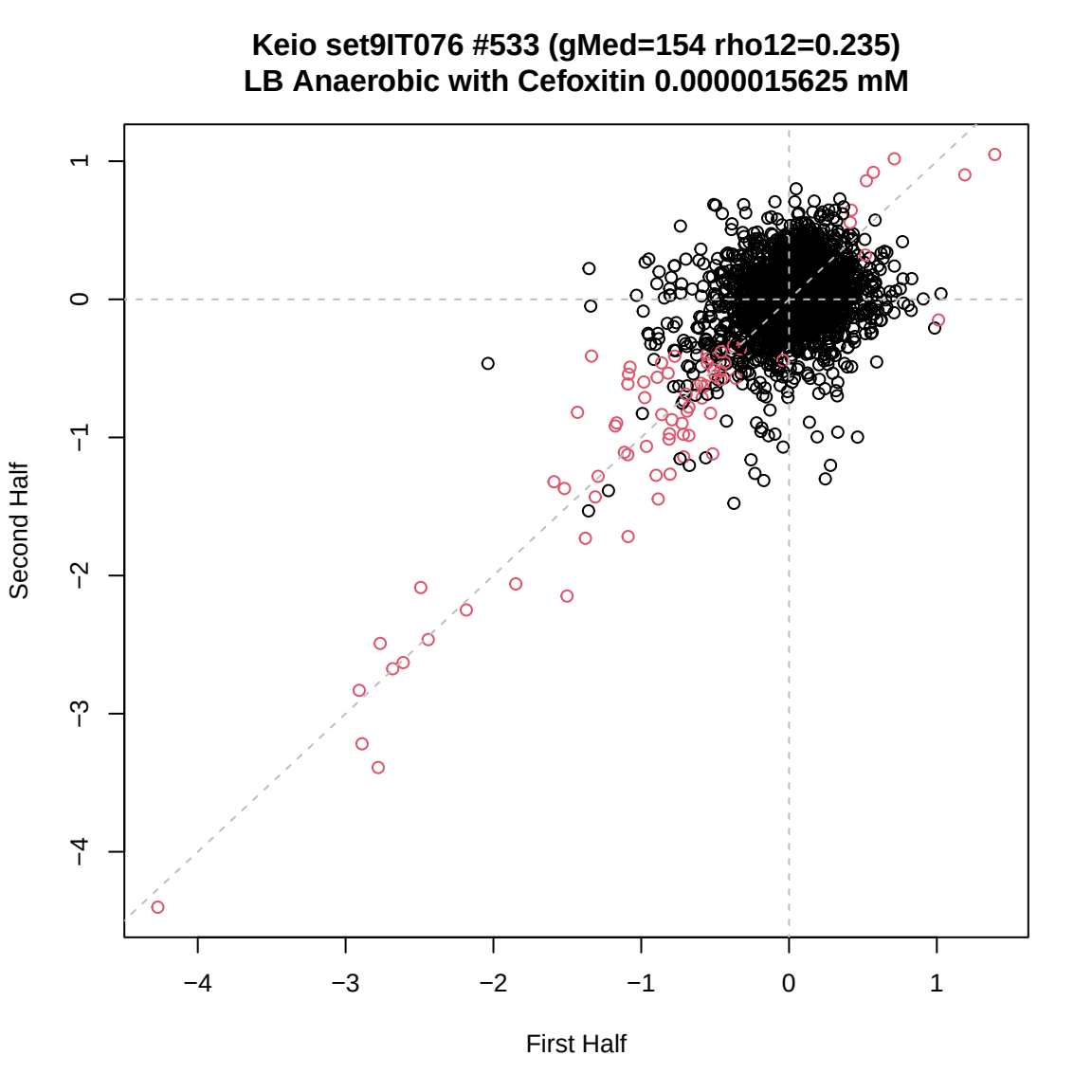

Keio set9IT071 #528 (gMed=76 rho12=0.239)
LB Anaerobic with Ceftriaxone hemi(heptahydrate) 0.000000625 mM
Second Half
First Half
−2
0
2
4
6
8
10
0
5
10

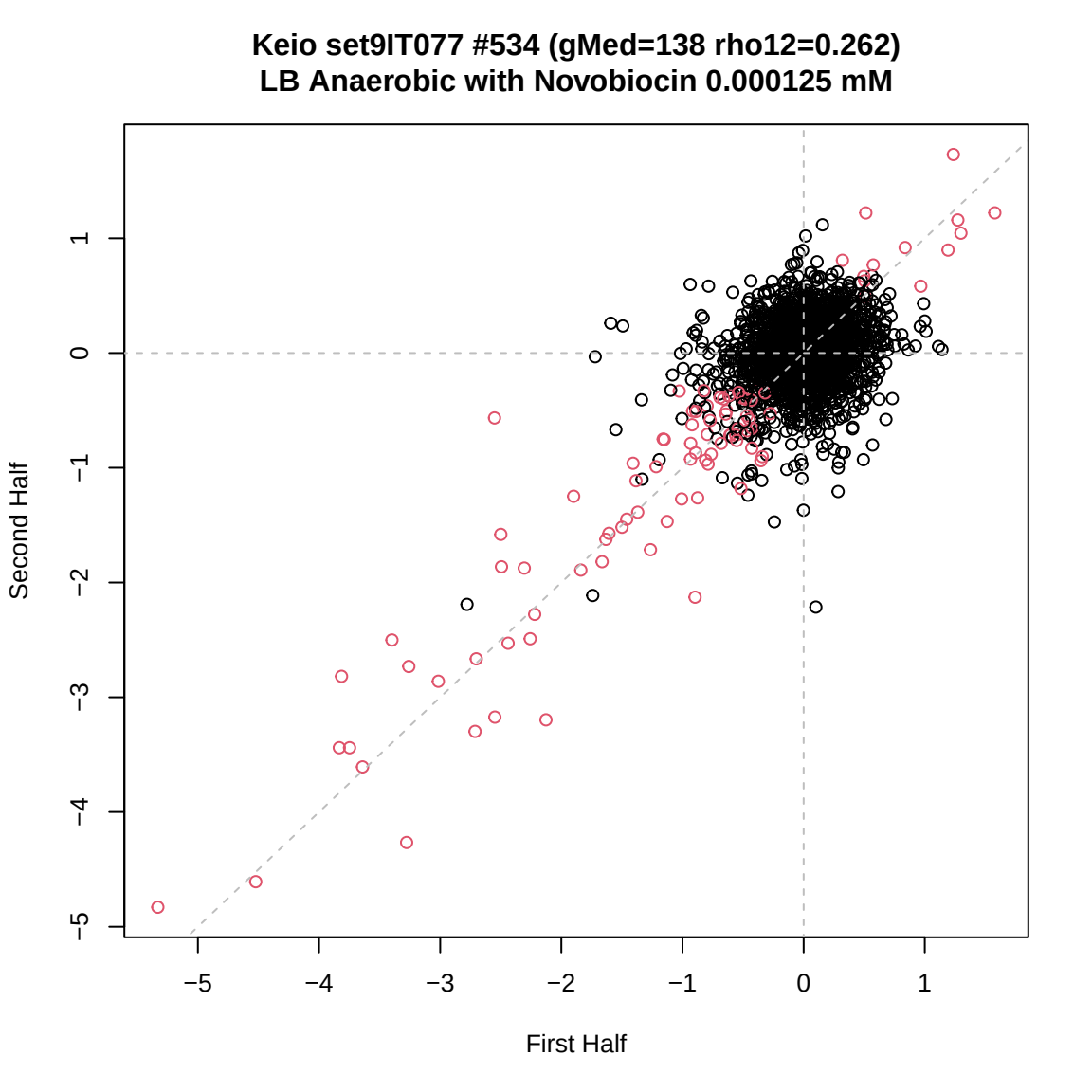

Keio set9IT072 #529 (gMed=139 rho12=0.255)
LB Anaerobic with Ceftriaxone hemi(heptahydrate) 0.00000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

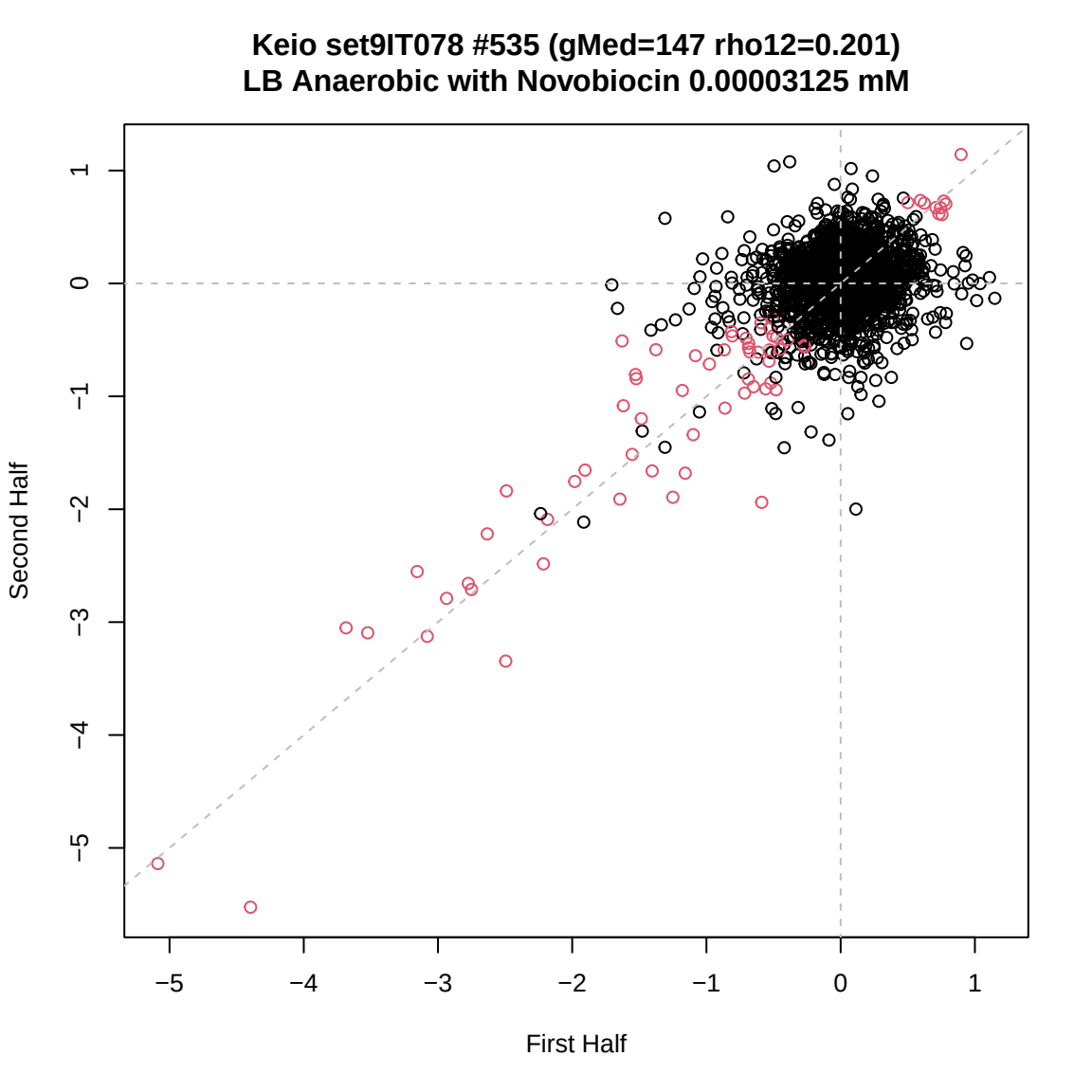

Keio set9IT073 #530 (gMed=133 rho12=0.228)
LB Anaerobic with Mecillinam 0.00003125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

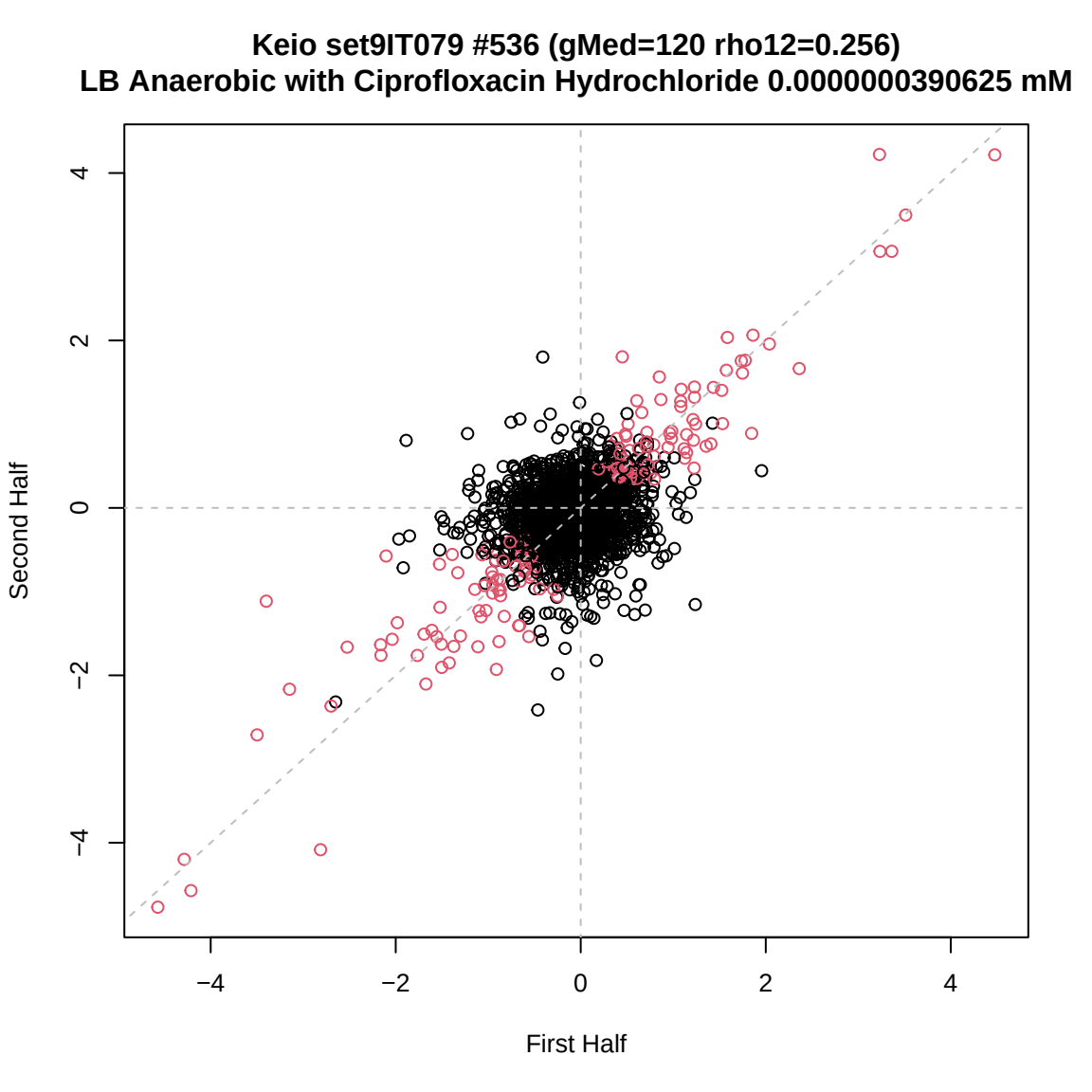

Keio set9IT074 #531 (gMed=117 rho12=0.239)
LB Anaerobic with Mecillinam 0.0000078125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

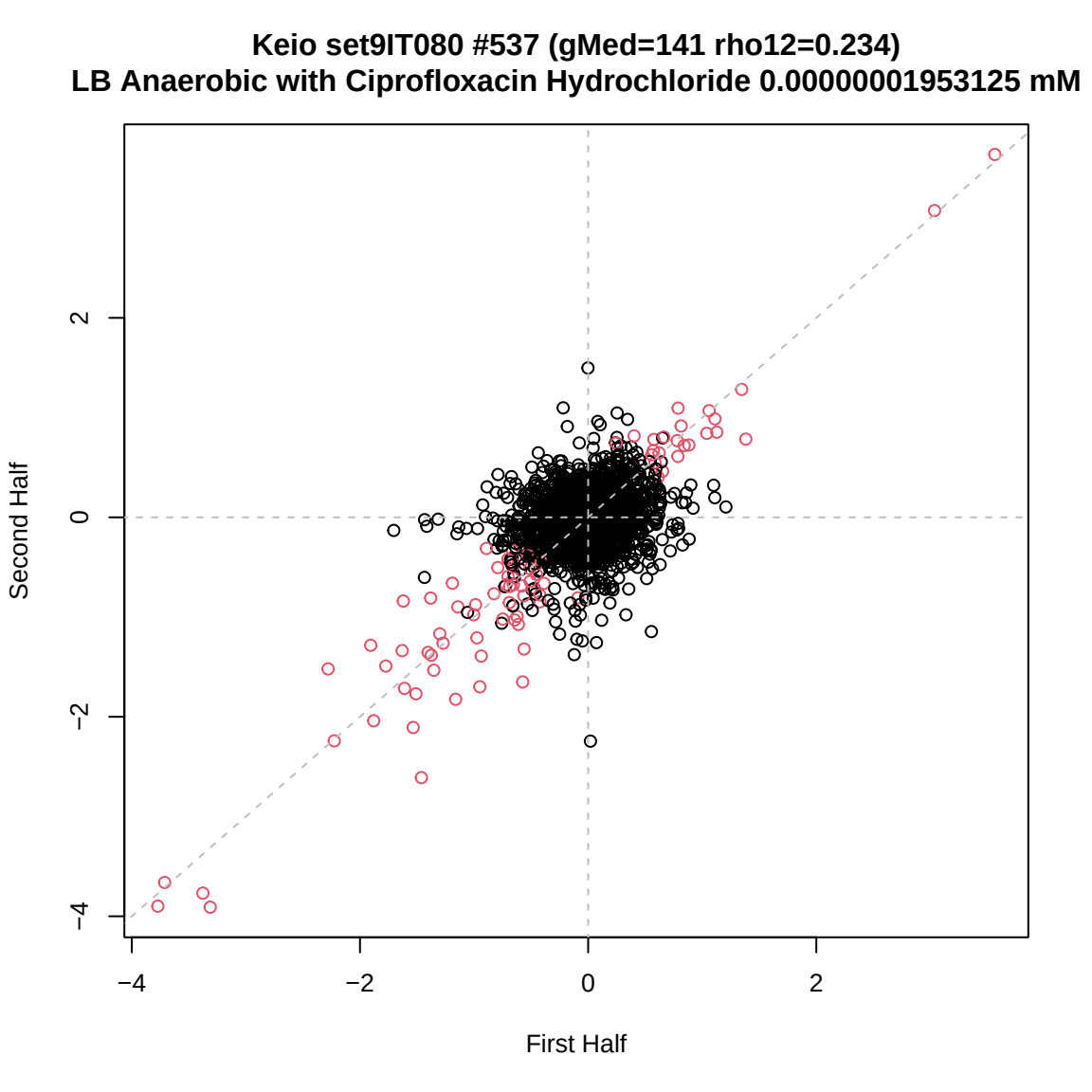

Keio set9IT075 #532 (gMed=82 rho12=0.304)
LB Anaerobic with Cefoxitin 0.000003125 mM
Second Half
First Half
−2
0
2
4
6
8

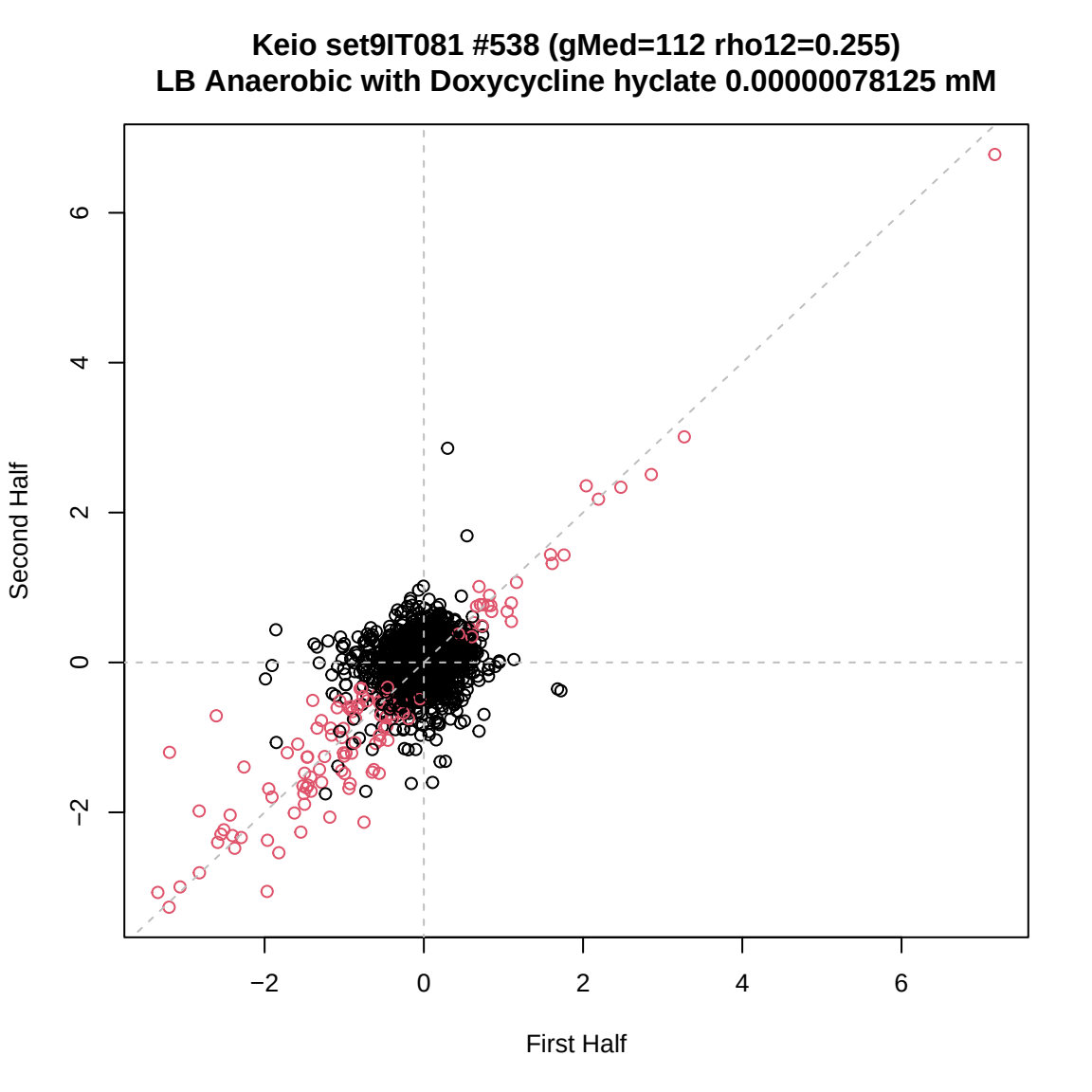

Keio set9IT076 #533 (gMed=154 rho12=0.235)
LB Anaerobic with Cefoxitin 0.0000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

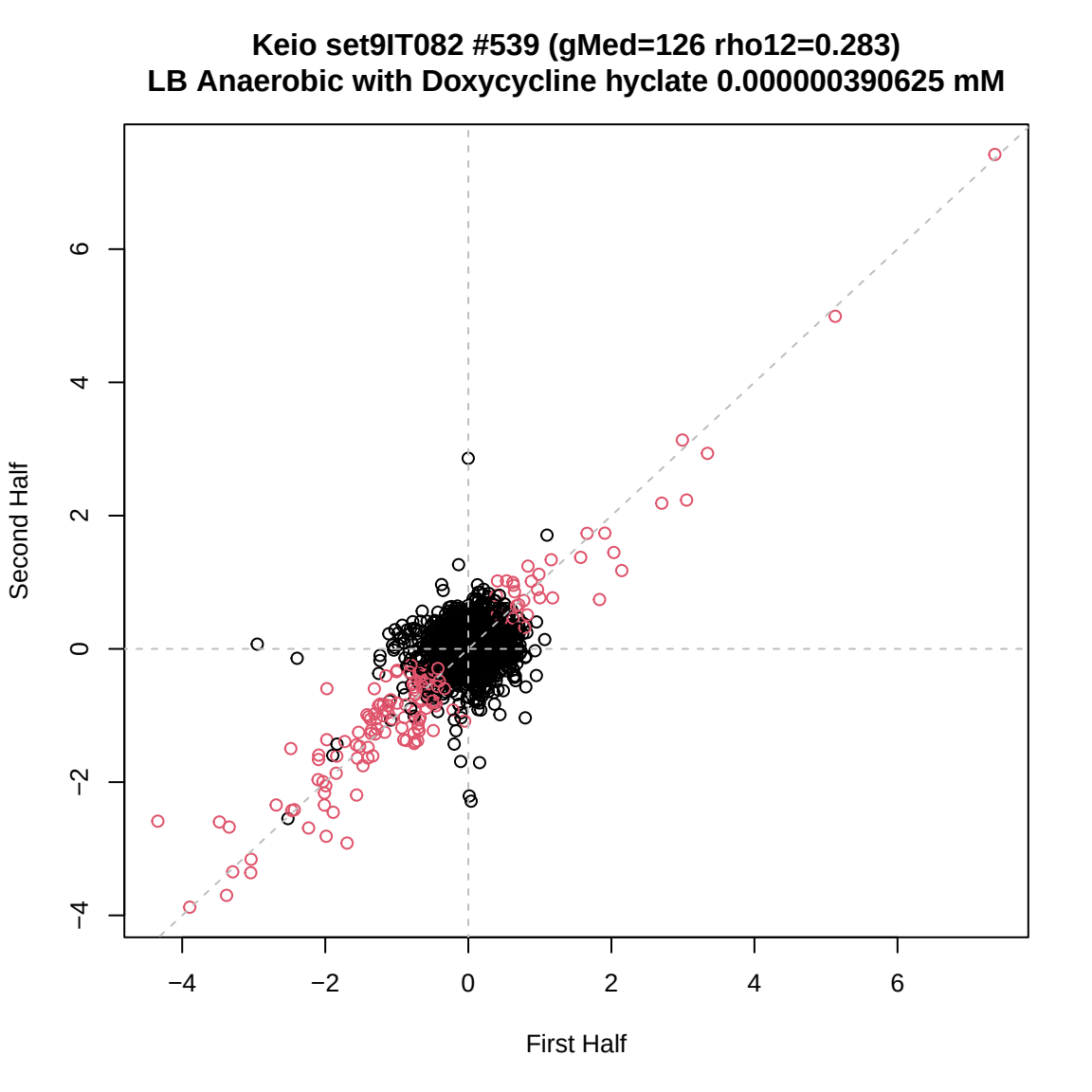

Keio set9IT077 #534 (gMed=138 rho12=0.262)
LB Anaerobic with Novobiocin 0.000125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

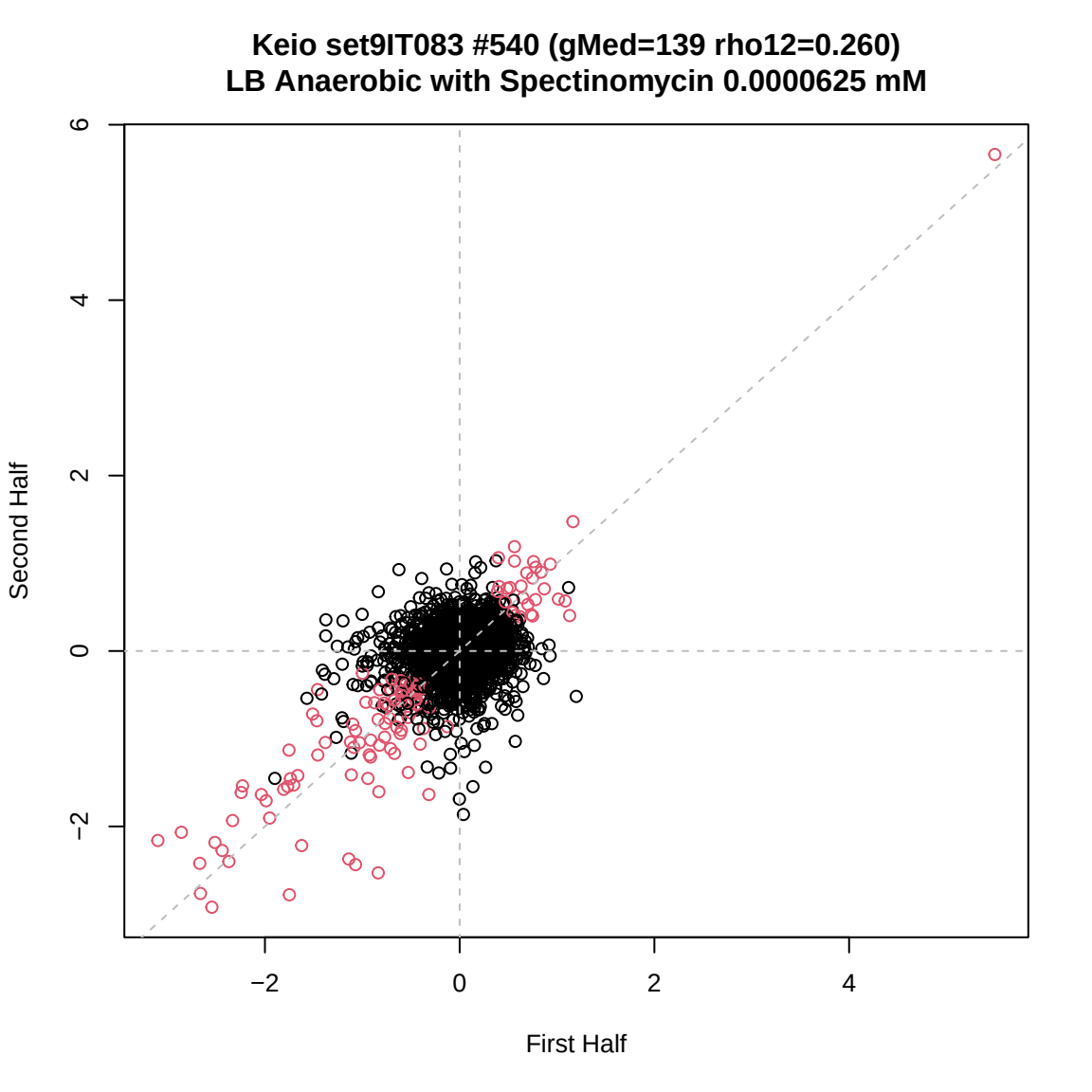

Keio set9IT078 #535 (gMed=147 rho12=0.201)
LB Anaerobic with Novobiocin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

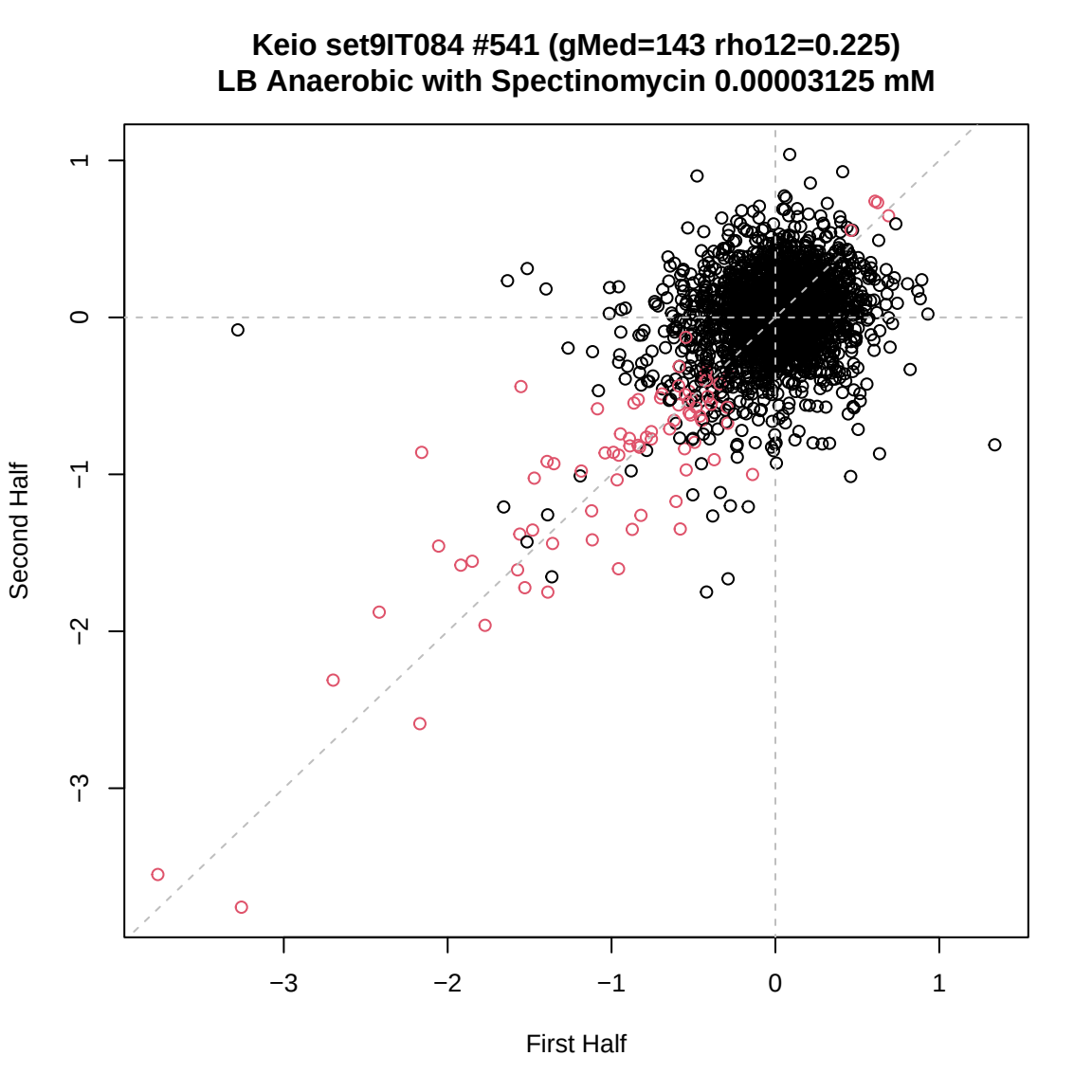

Keio set9IT079 #536 (gMed=120 rho12=0.256)
LB Anaerobic with Ciprofloxacin Hydrochloride 0.0000000390625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

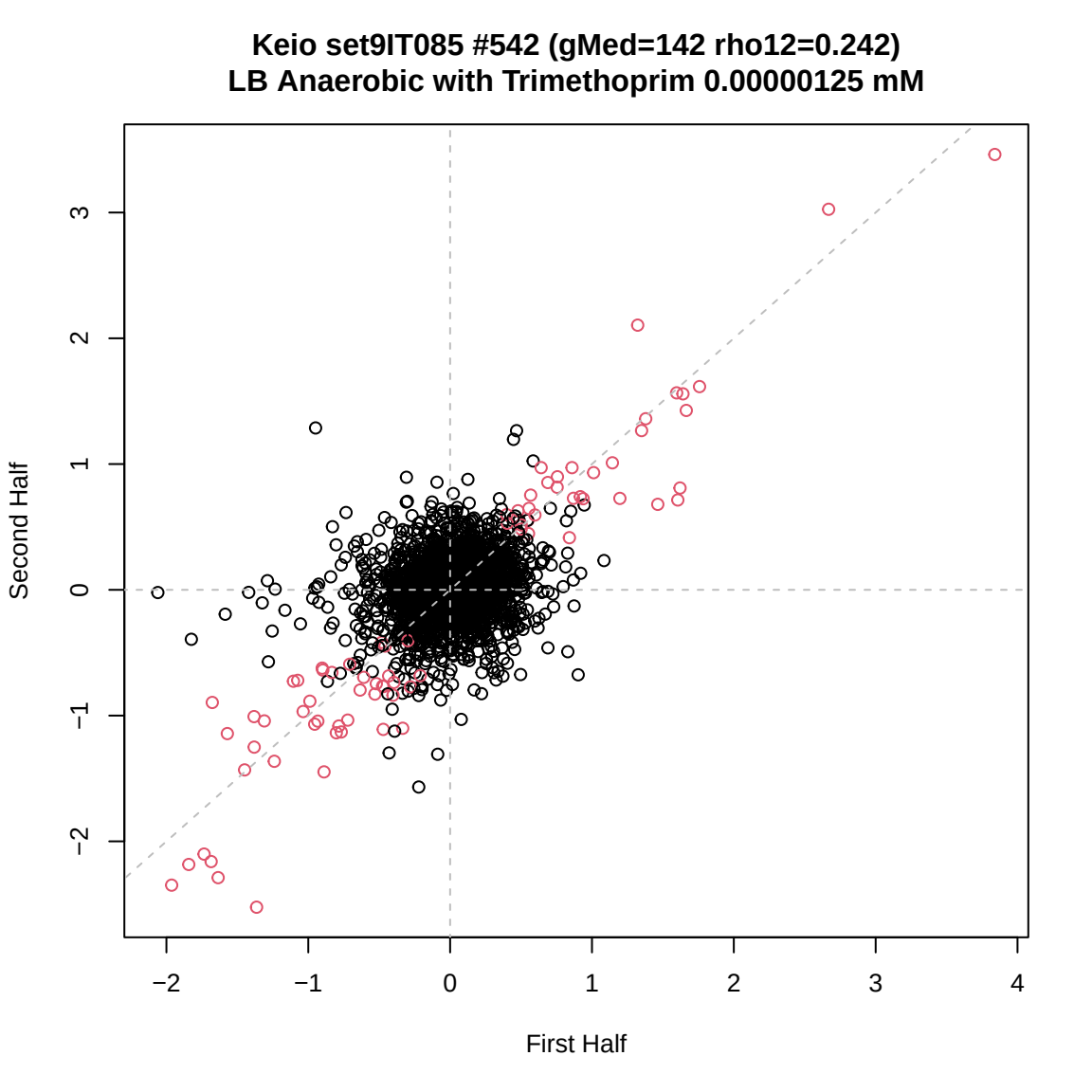

Keio set9IT080 #537 (gMed=141 rho12=0.234)
LB Anaerobic with Ciprofloxacin Hydrochloride 0.00000001953125 mM
Second Half
First Half
−4
−2
0
2
−4
−2
0
2

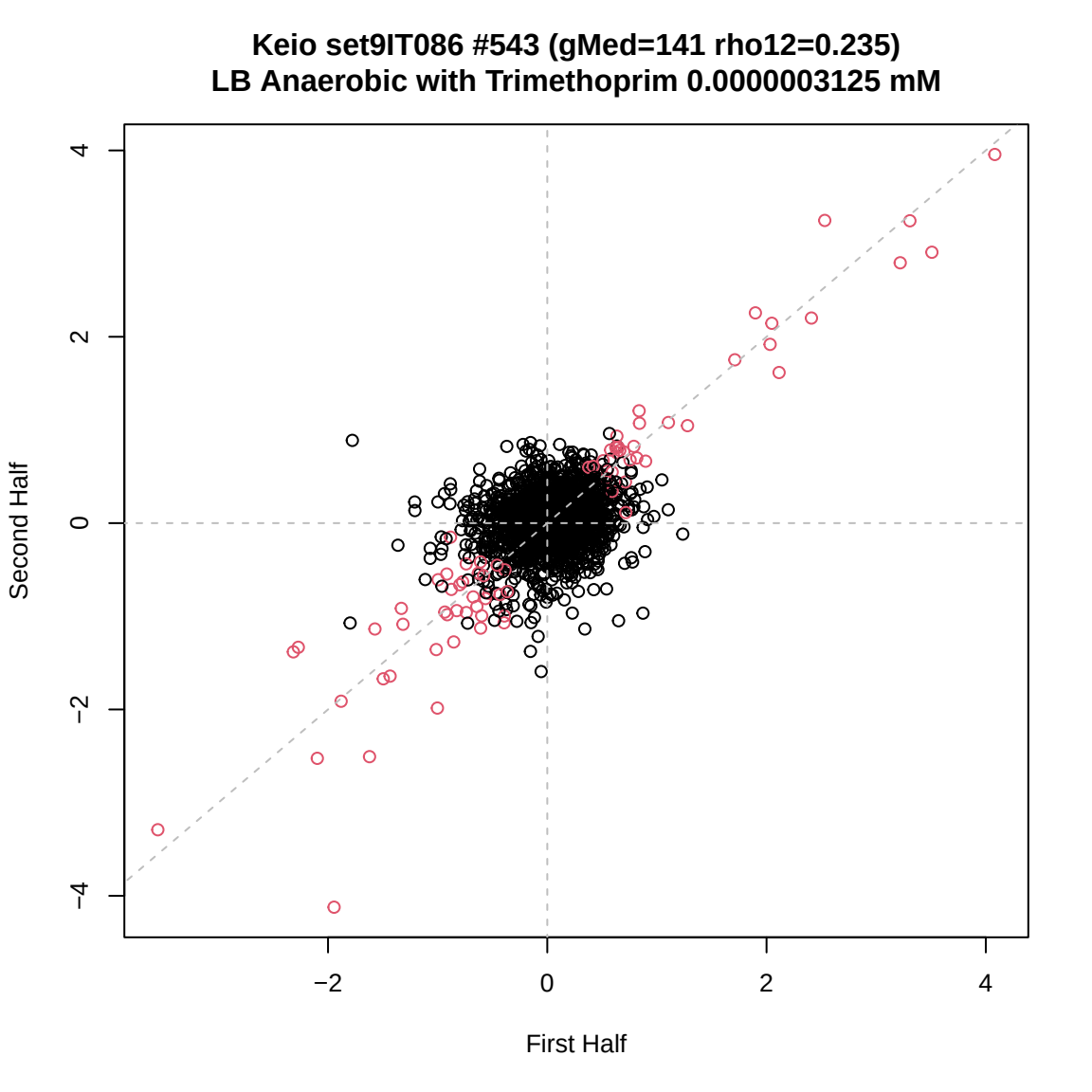

Keio set9IT081 #538 (gMed=112 rho12=0.255)
LB Anaerobic with Doxycycline hyclate 0.00000078125 mM
Second Half
First Half
−2
0
2
4
6

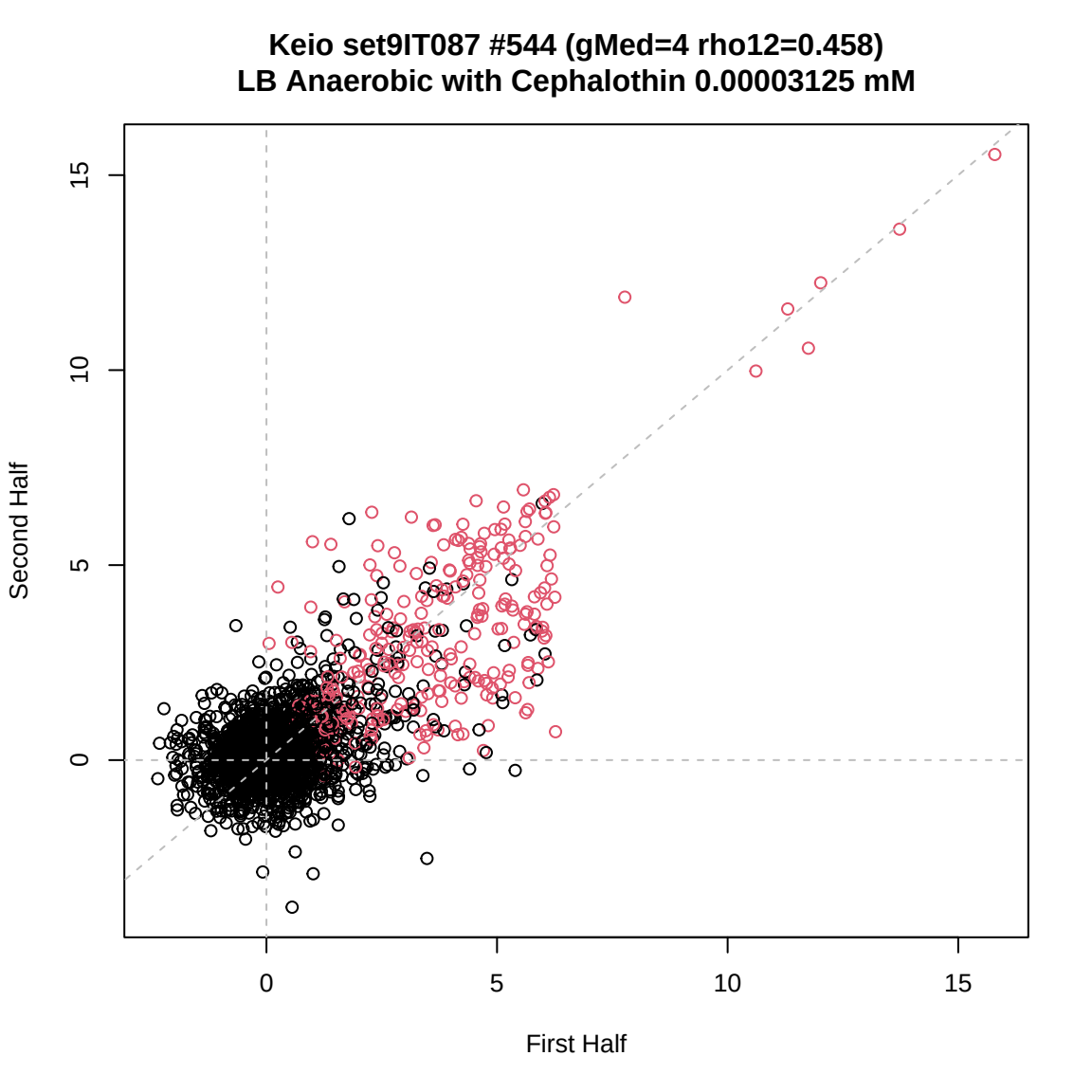

Keio set9IT082 #539 (gMed=126 rho12=0.283)
LB Anaerobic with Doxycycline hyclate 0.000000390625 mM
Second Half
First Half
−4
−2
0
2
4
6

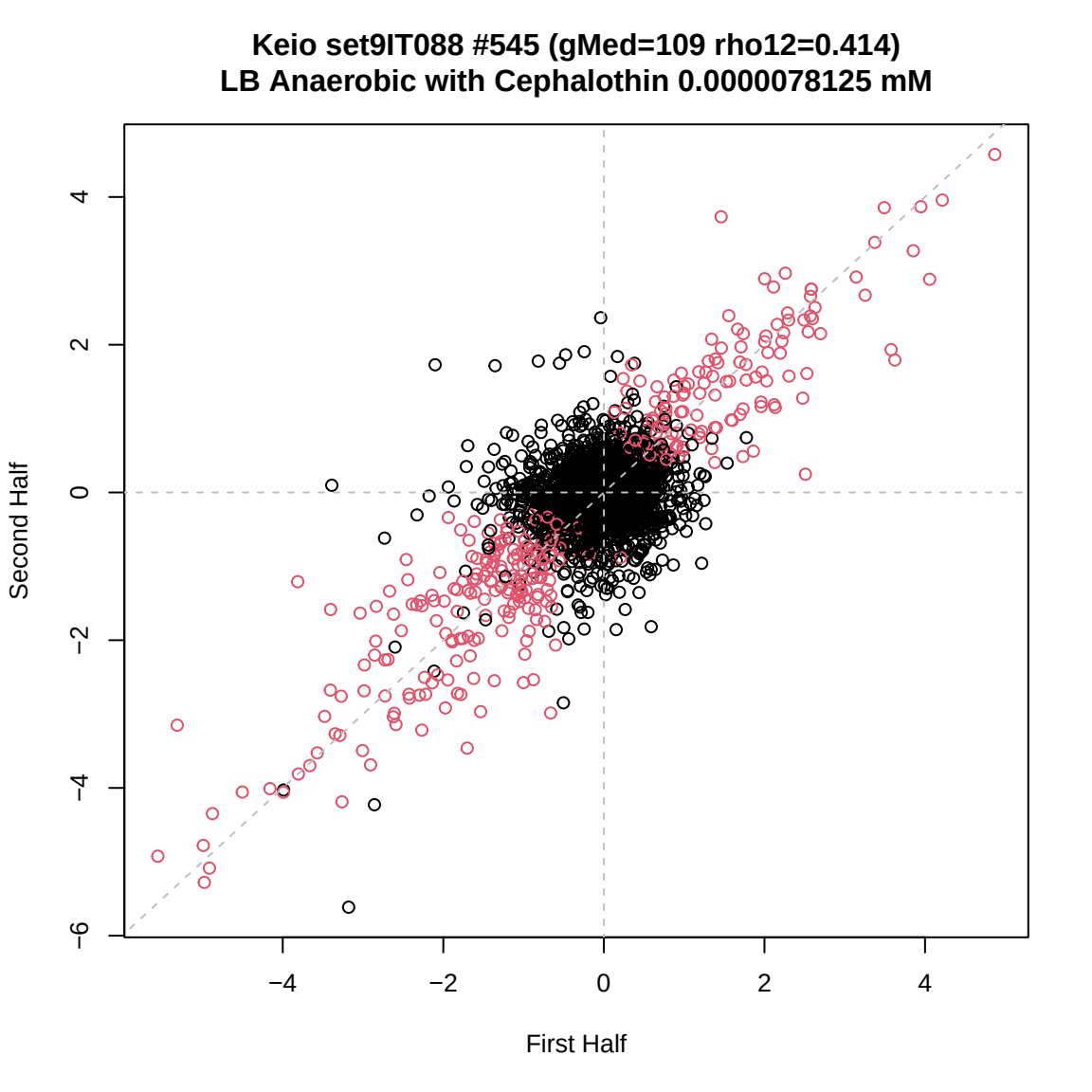

Keio set9IT083 #540 (gMed=139 rho12=0.260)
LB Anaerobic with Spectinomycin 0.0000625 mM
Second Half
First Half
6
4
2
0
−2
−2
0
2
4

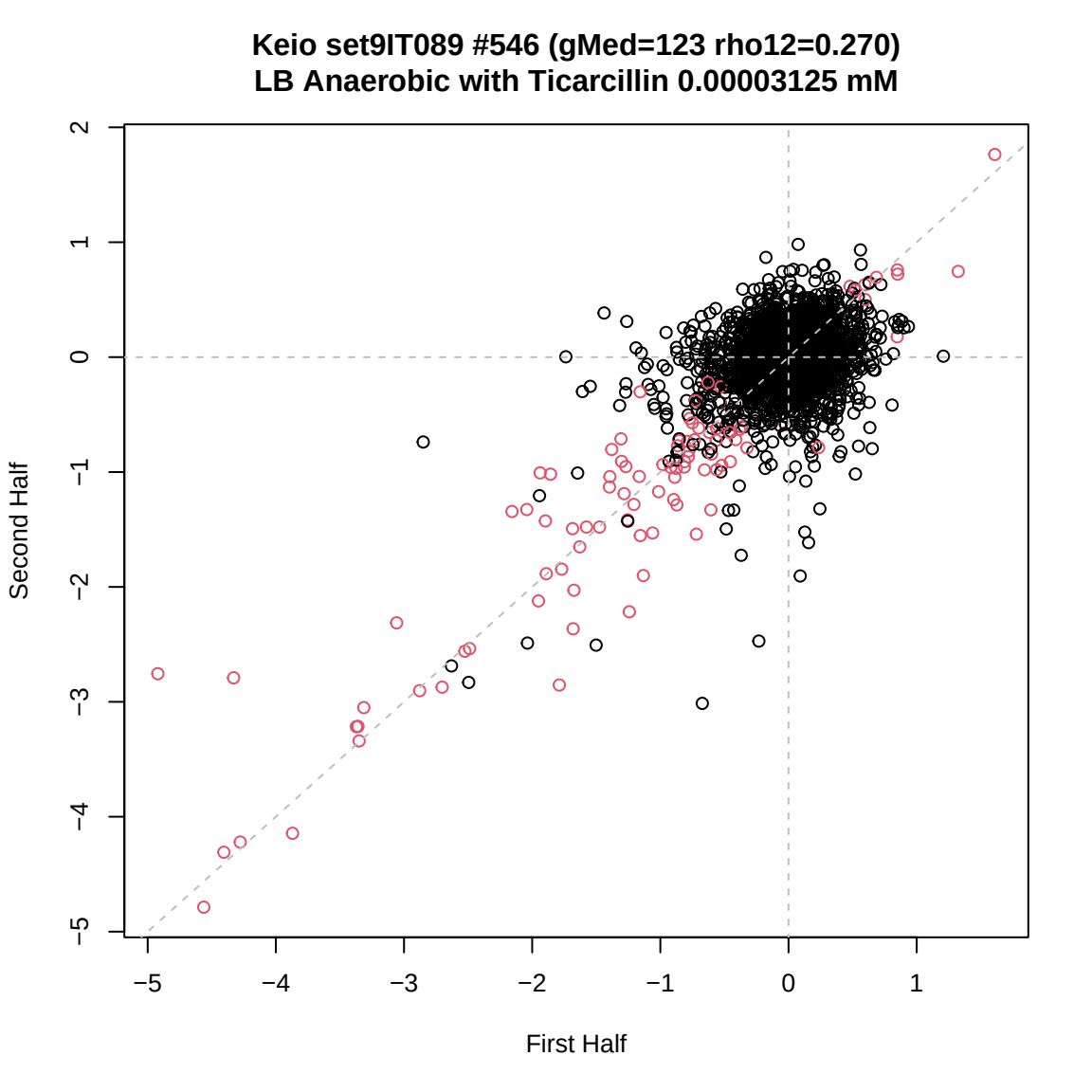

Keio set9IT084 #541 (gMed=143 rho12=0.225)
LB Anaerobic with Spectinomycin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

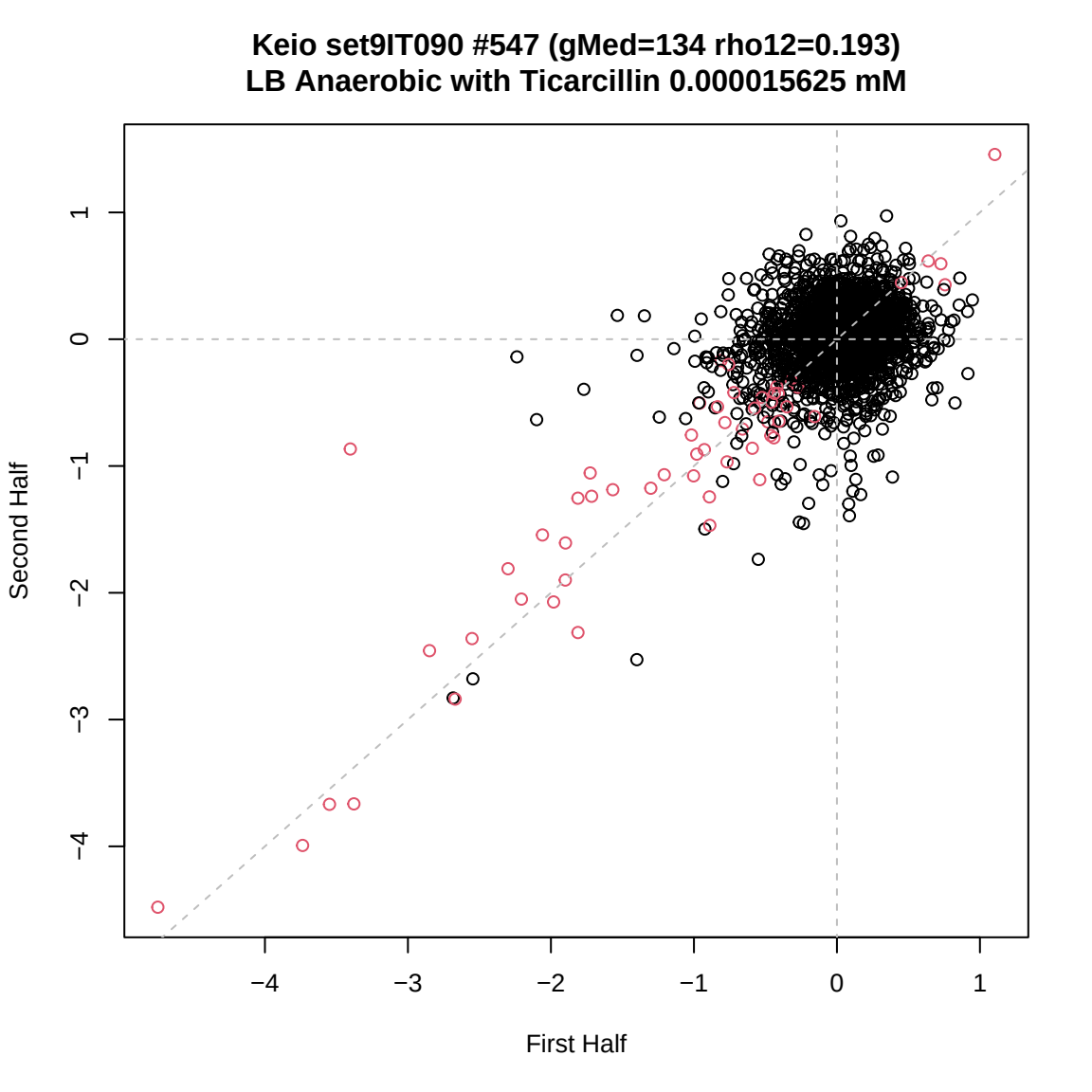

Keio set9IT085 #542 (gMed=142 rho12=0.242)
LB Anaerobic with Trimethoprim 0.00000125 mM
Second Half
First Half
−2
−1
0
1
2
3
4

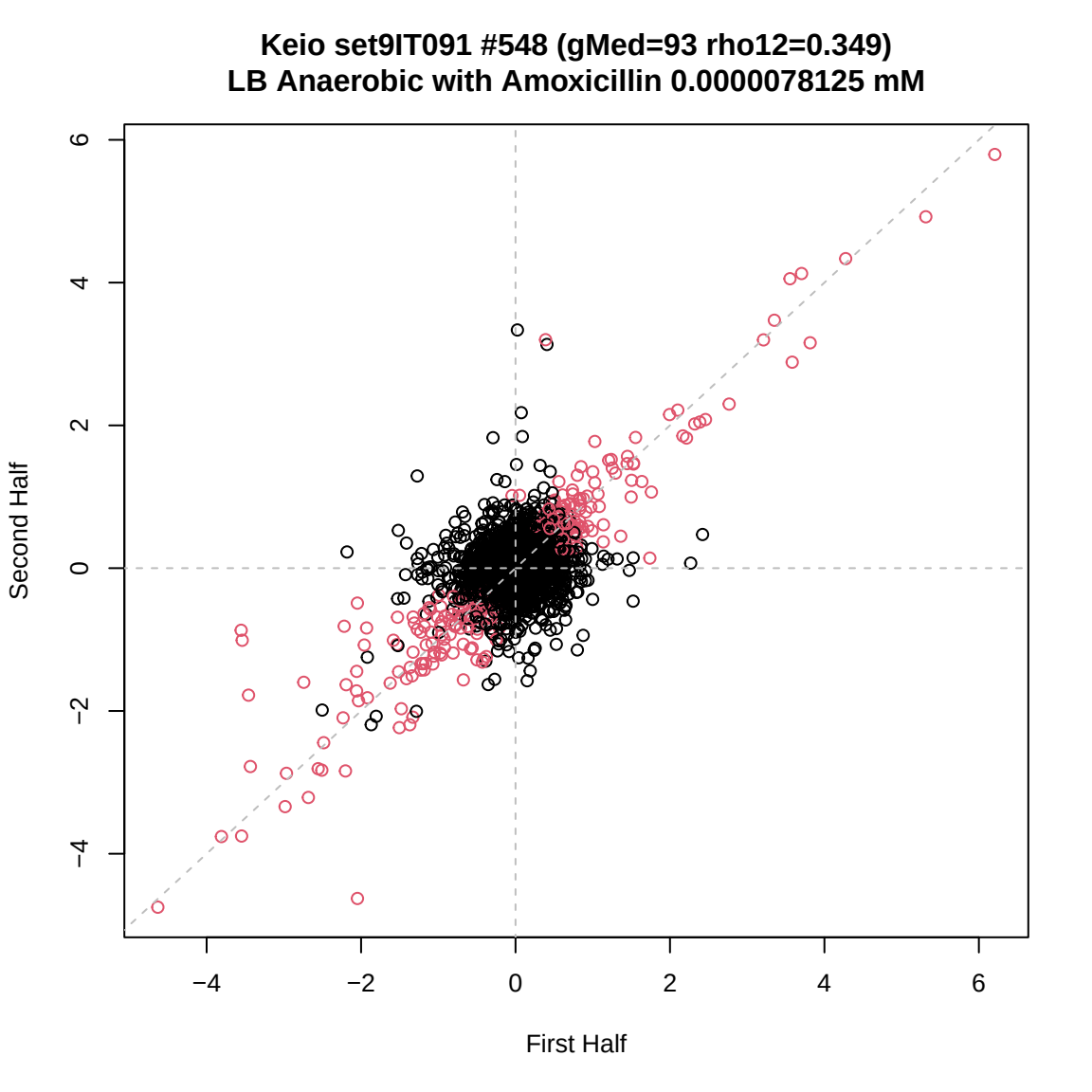

Keio set9IT086 #543 (gMed=141 rho12=0.235)
LB Anaerobic with Trimethoprim 0.0000003125 mM
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

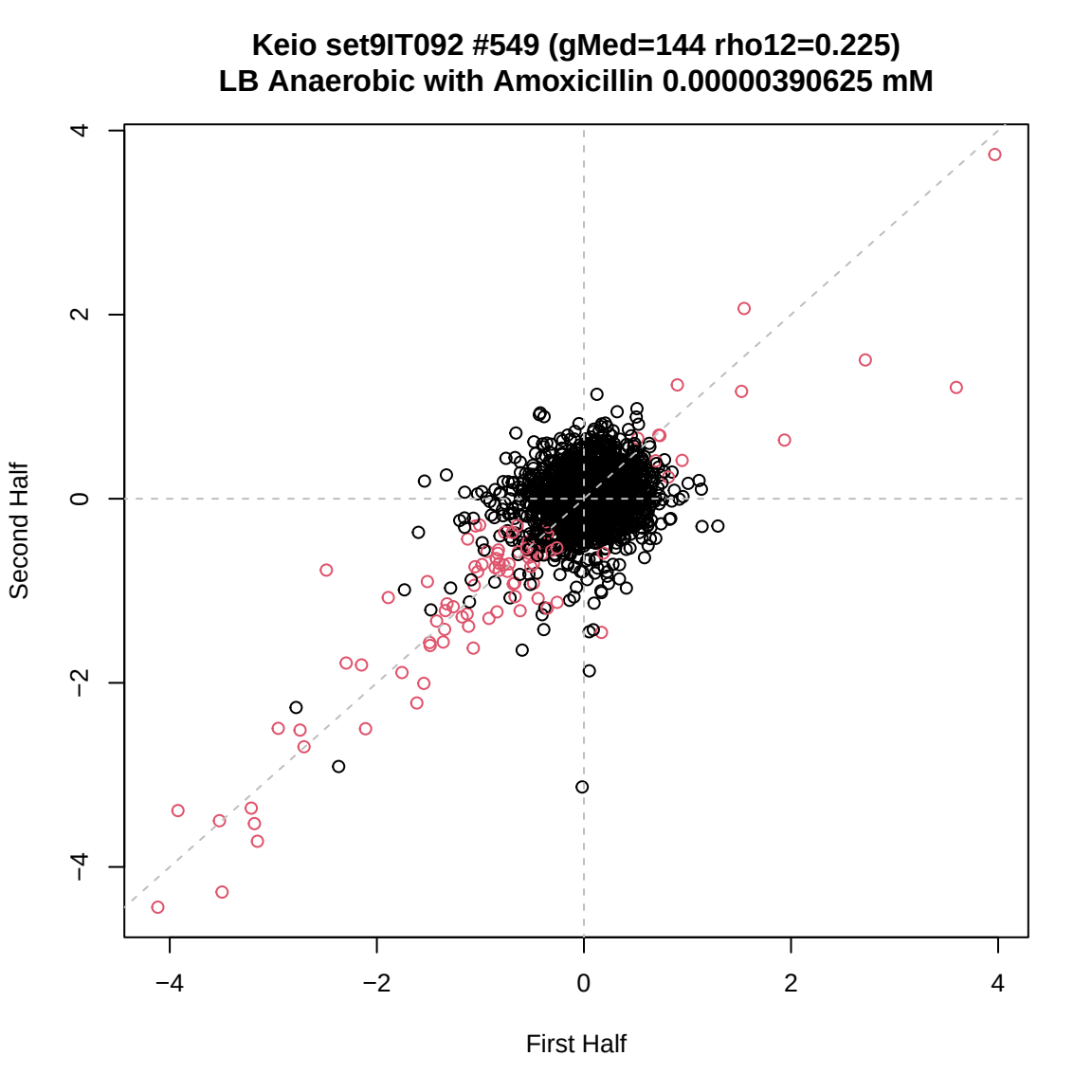

Keio set9IT087 #544 (gMed=4 rho12=0.458)
LB Anaerobic with Cephalothin 0.00003125 mM
Second Half
First Half
0
5
10
15

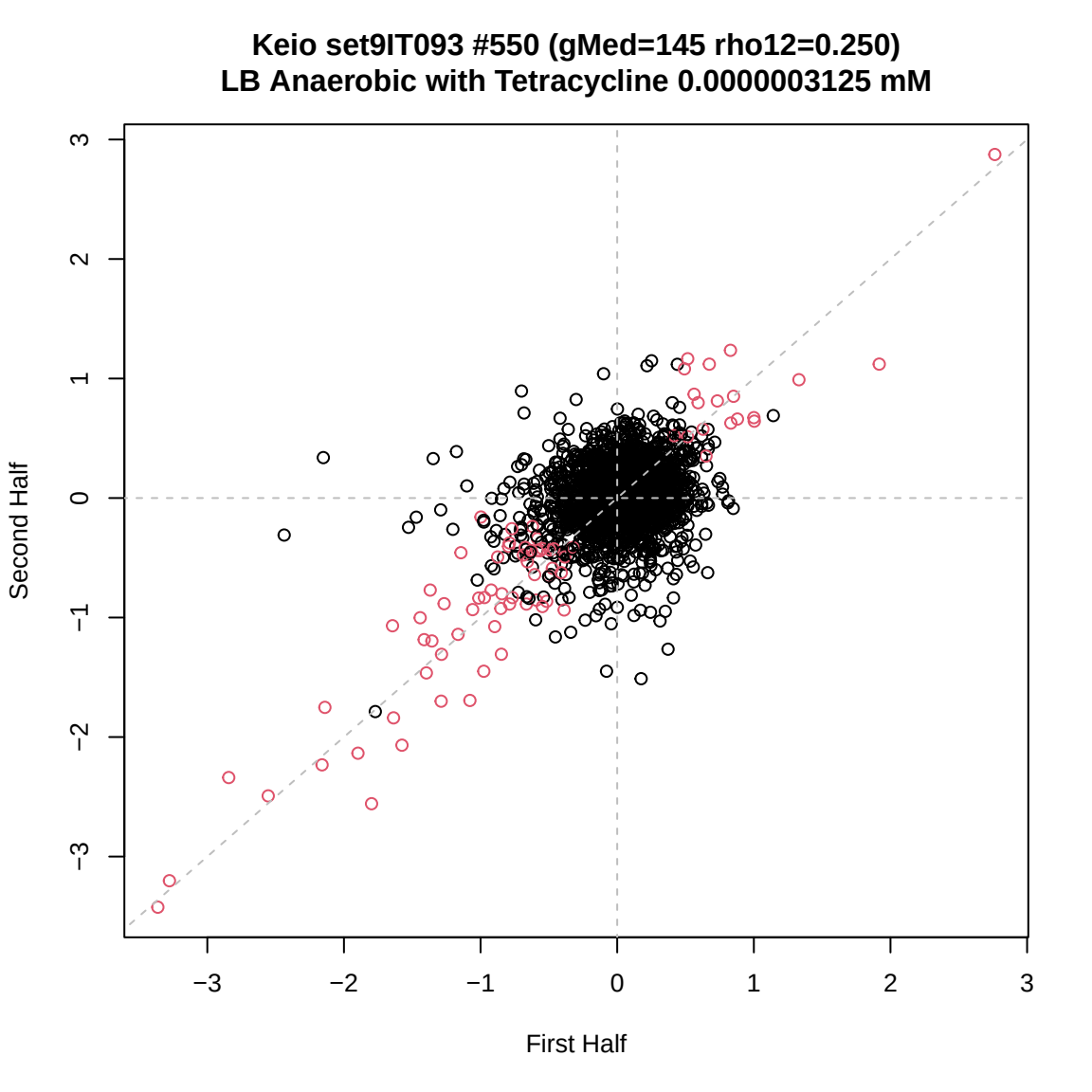

Keio set9IT088 #545 (gMed=109 rho12=0.414)
LB Anaerobic with Cephalothin 0.0000078125 mM
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

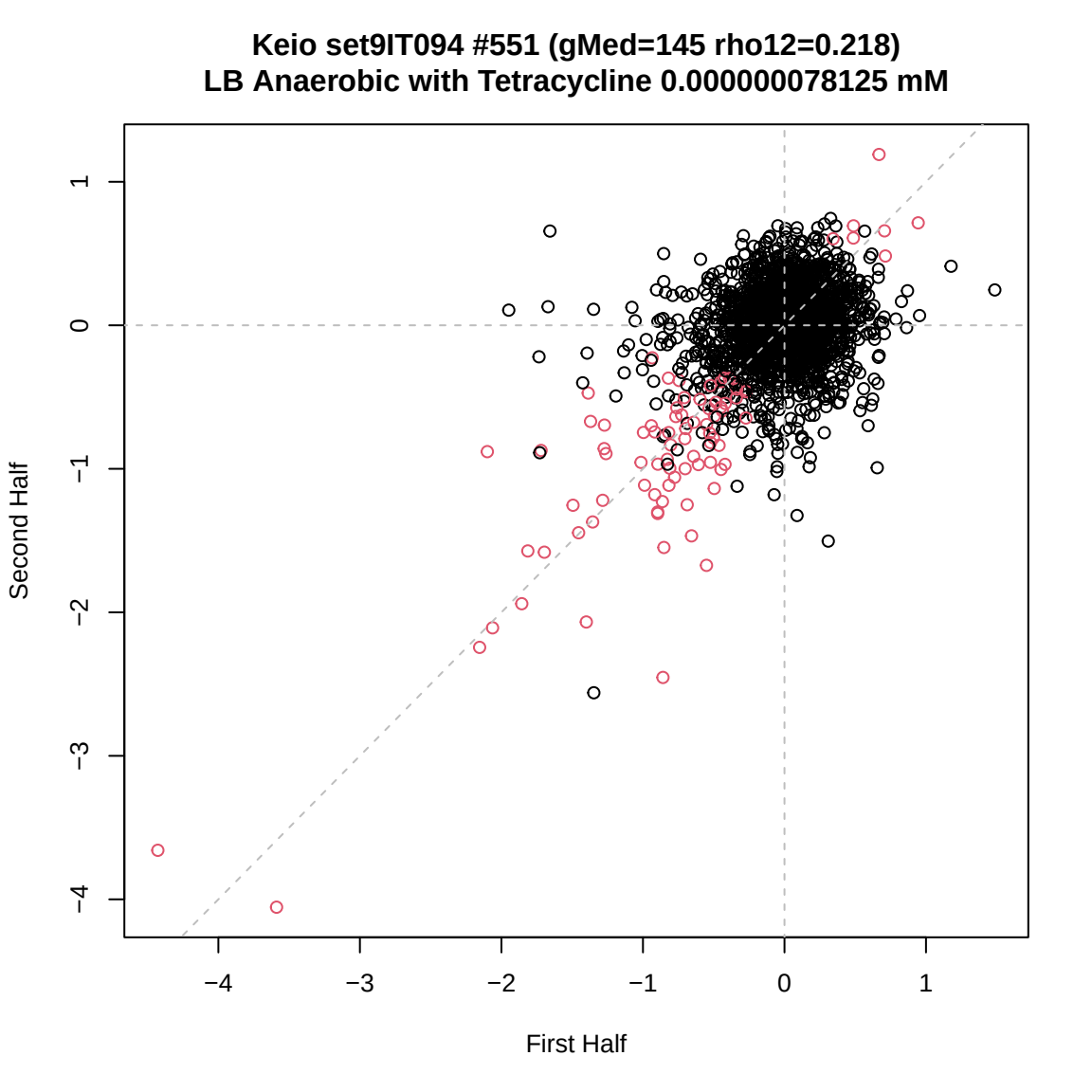

Keio set9IT089 #546 (gMed=123 rho12=0.270)
LB Anaerobic with Ticarcillin 0.00003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

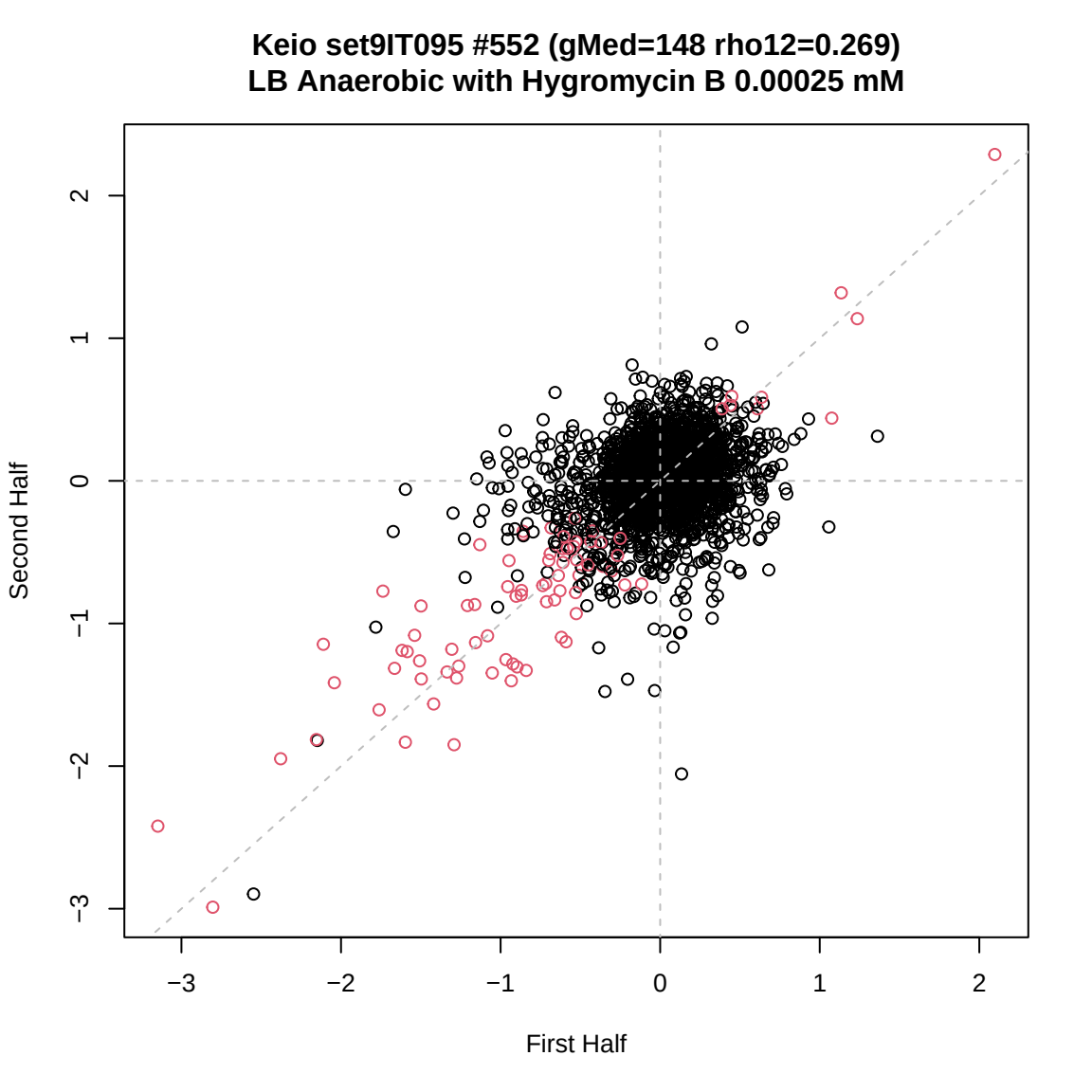

Keio set9IT090 #547 (gMed=134 rho12=0.193)
LB Anaerobic with Ticarcillin 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

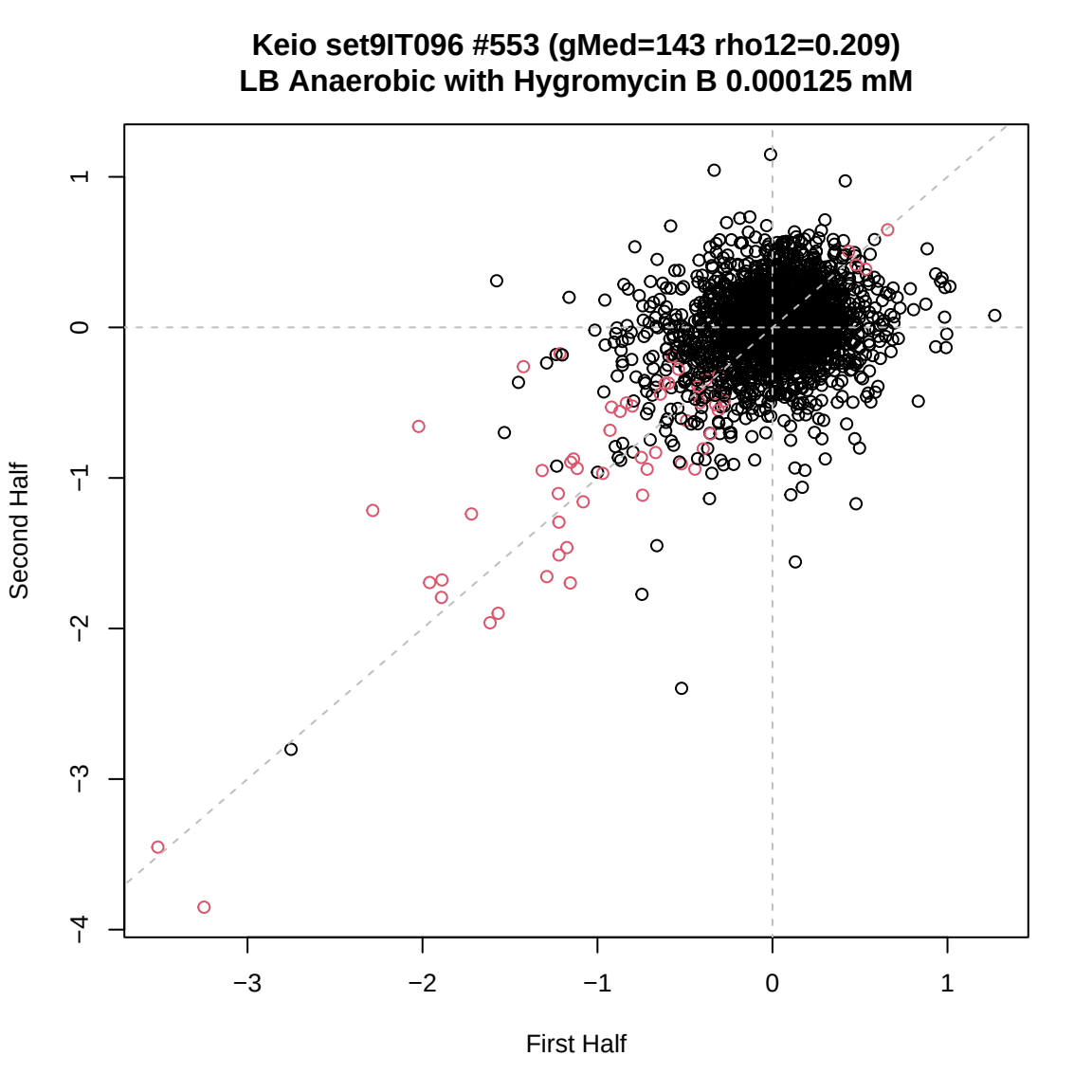

Keio set9IT091 #548 (gMed=93 rho12=0.349)
LB Anaerobic with Amoxicillin 0.0000078125 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

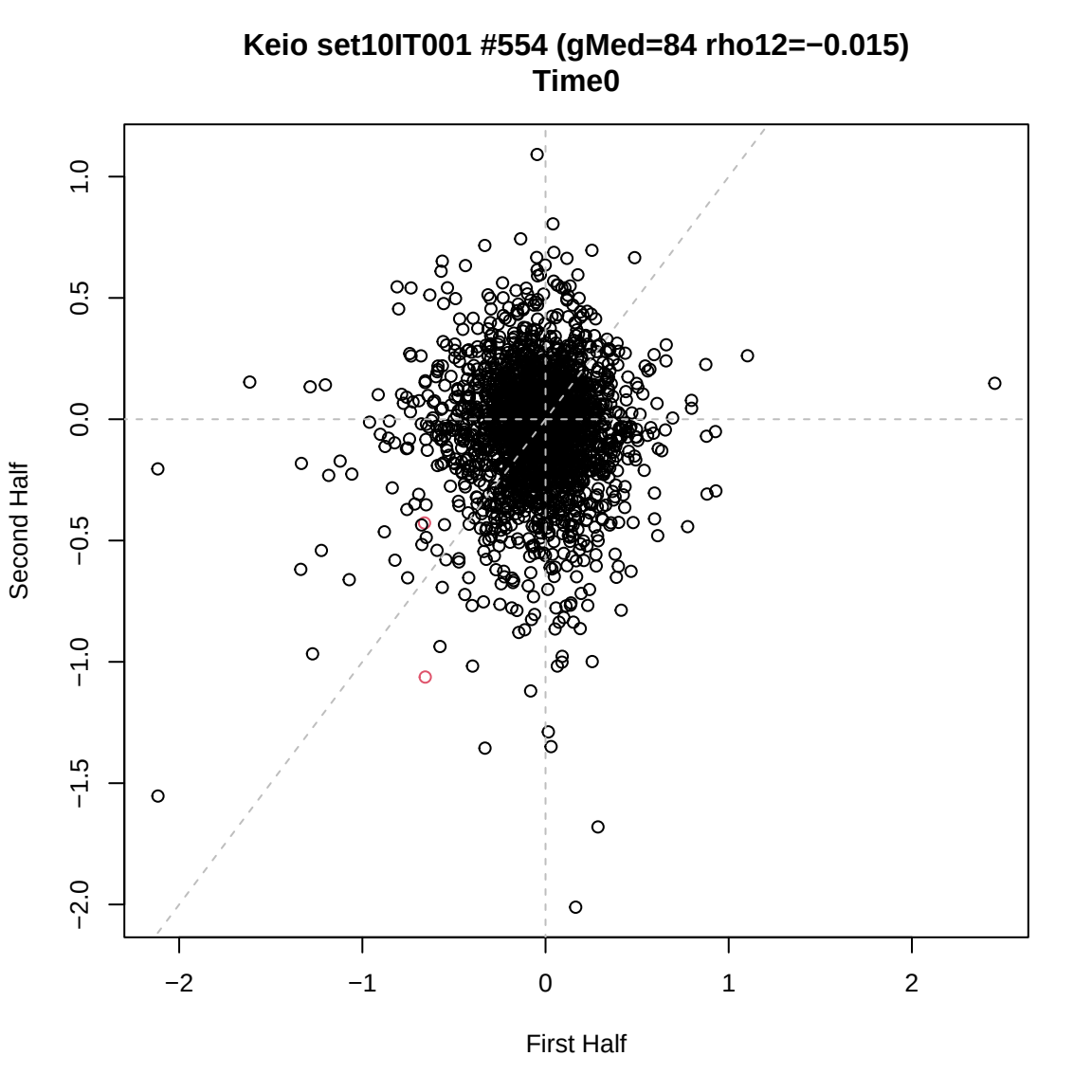

Keio set9IT092 #549 (gMed=144 rho12=0.225)
LB Anaerobic with Amoxicillin 0.00000390625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

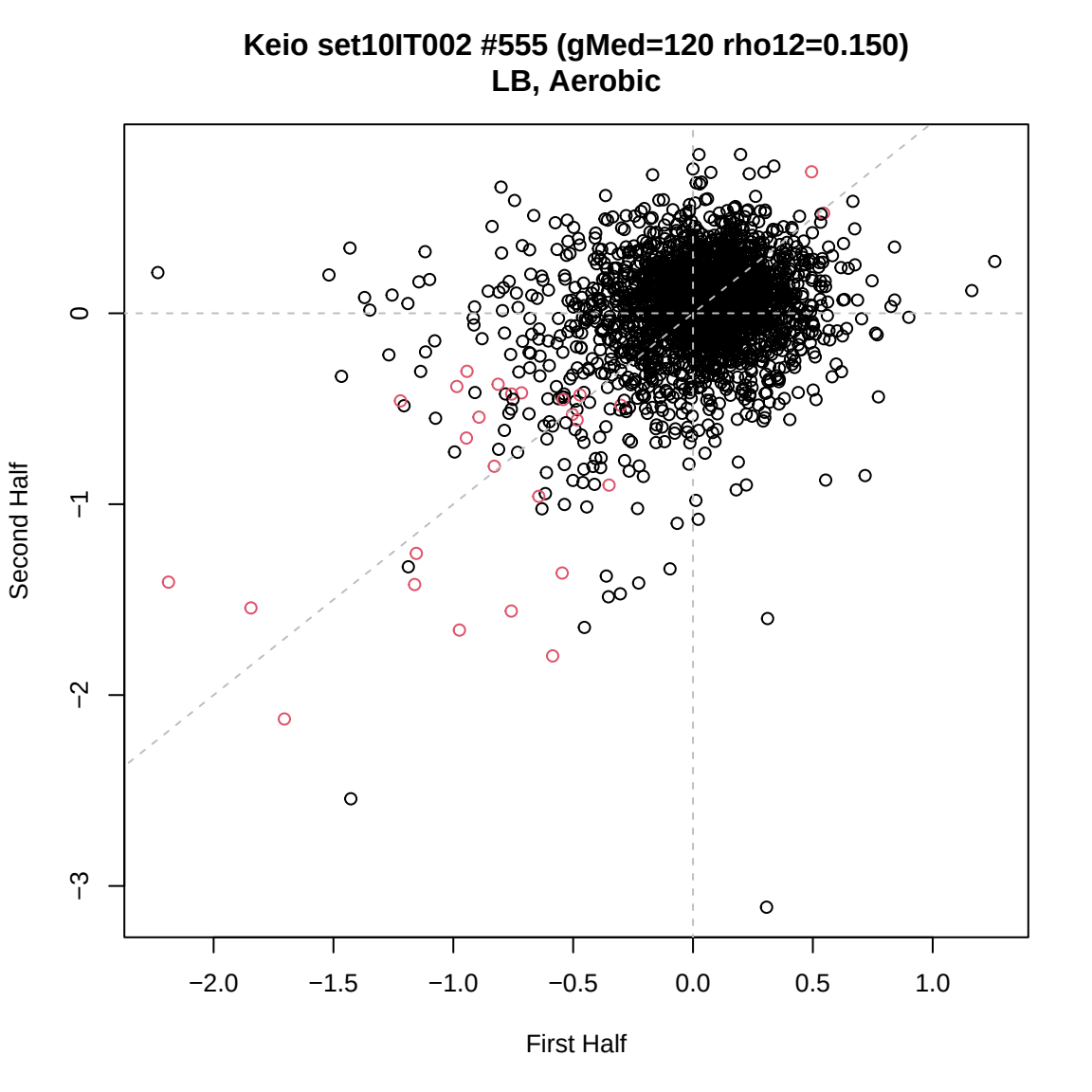

Keio set9IT093 #550 (gMed=145 rho12=0.250)
LB Anaerobic with Tetracycline 0.0000003125 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

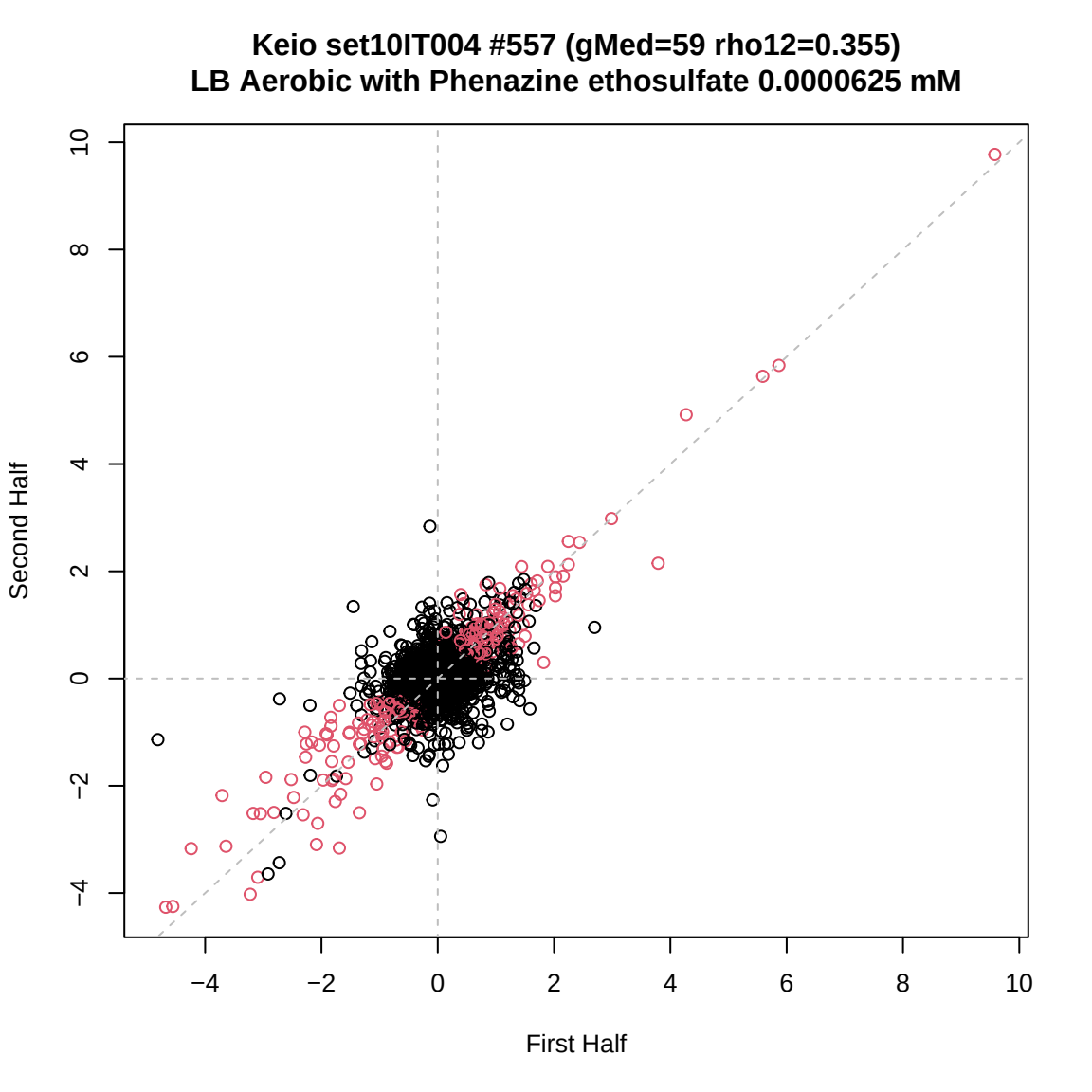

Keio set9IT094 #551 (gMed=145 rho12=0.218)
LB Anaerobic with Tetracycline 0.000000078125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

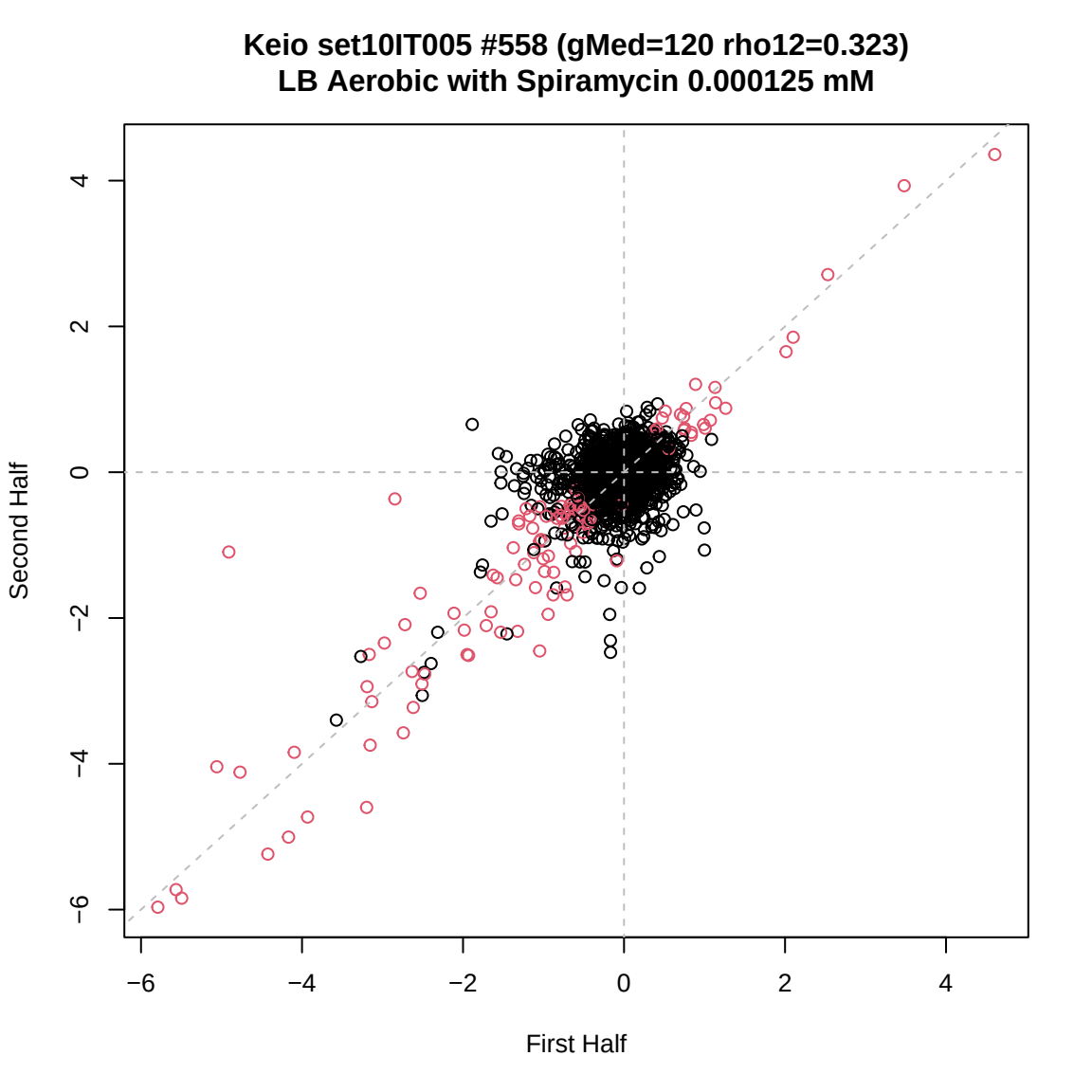

Keio set9IT095 #552 (gMed=148 rho12=0.269)
LB Anaerobic with Hygromycin B 0.00025 mM
Second Half
First Half
−3
−2
−1
0
1
2

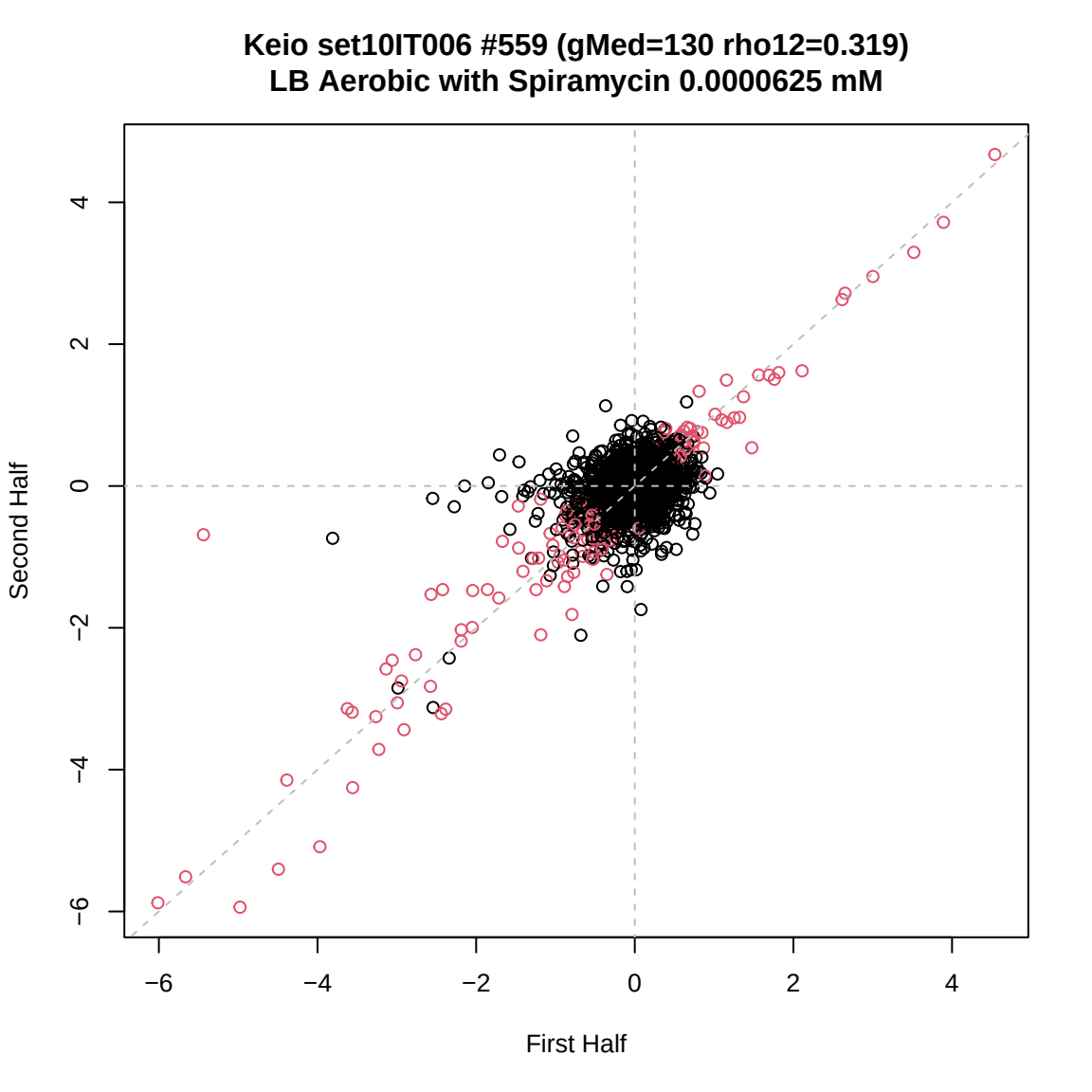

Keio set9IT096 #553 (gMed=143 rho12=0.209)
LB Anaerobic with Hygromycin B 0.000125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

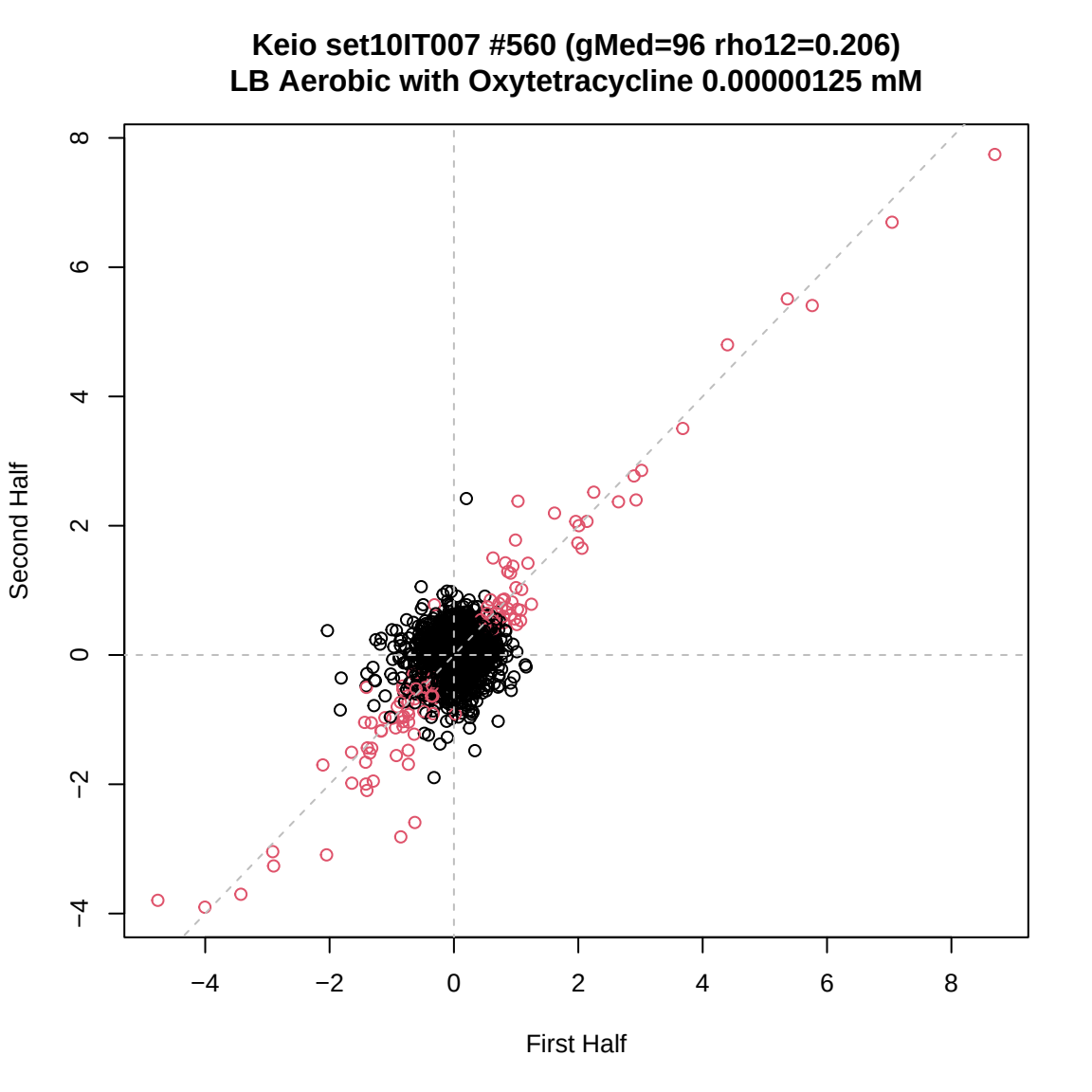

Keio set10IT001 #554 (gMed=84 rho12=−0.015)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1
2

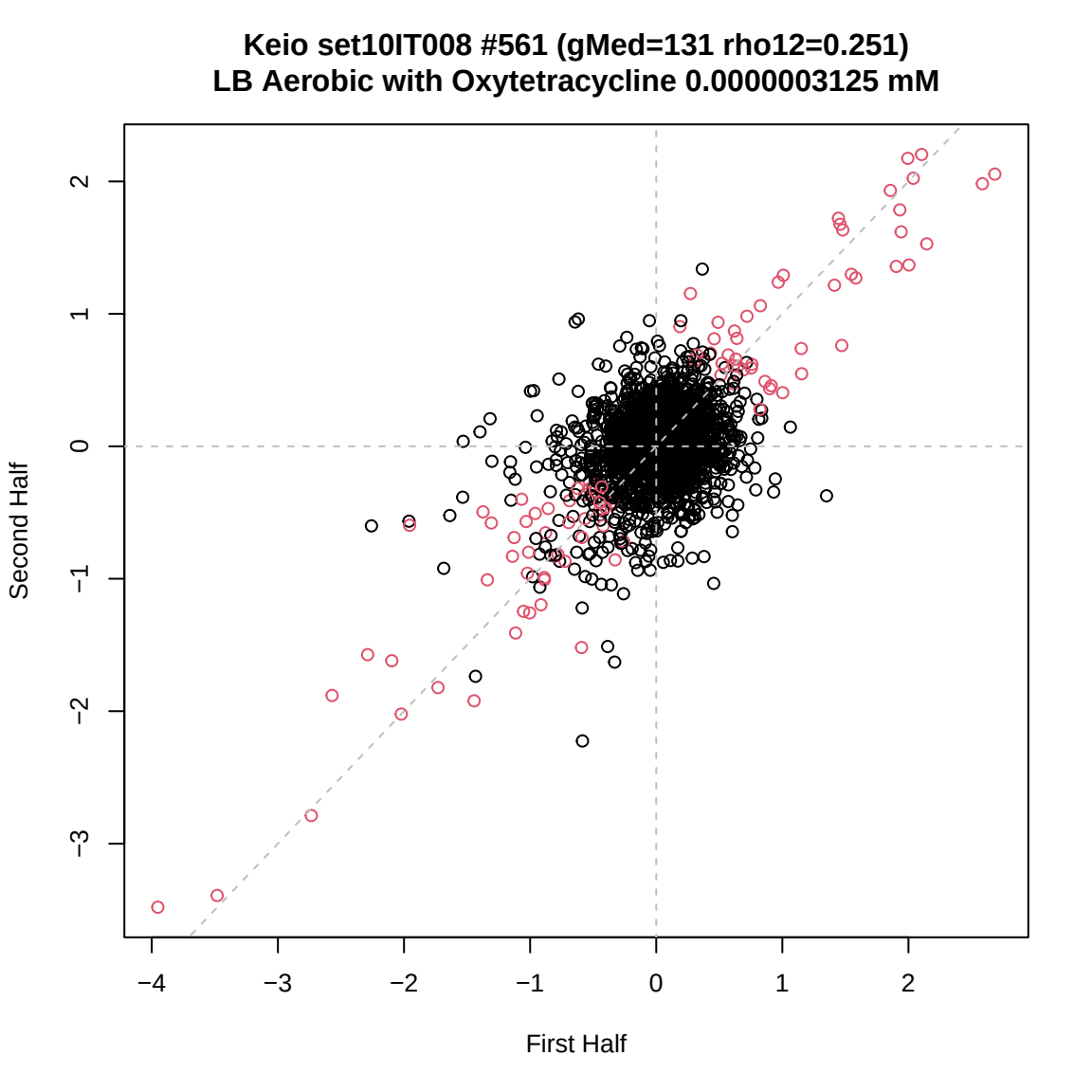

Keio set10IT002 #555 (gMed=120 rho12=0.150)
LB, Aerobic
Second Half
First Half
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

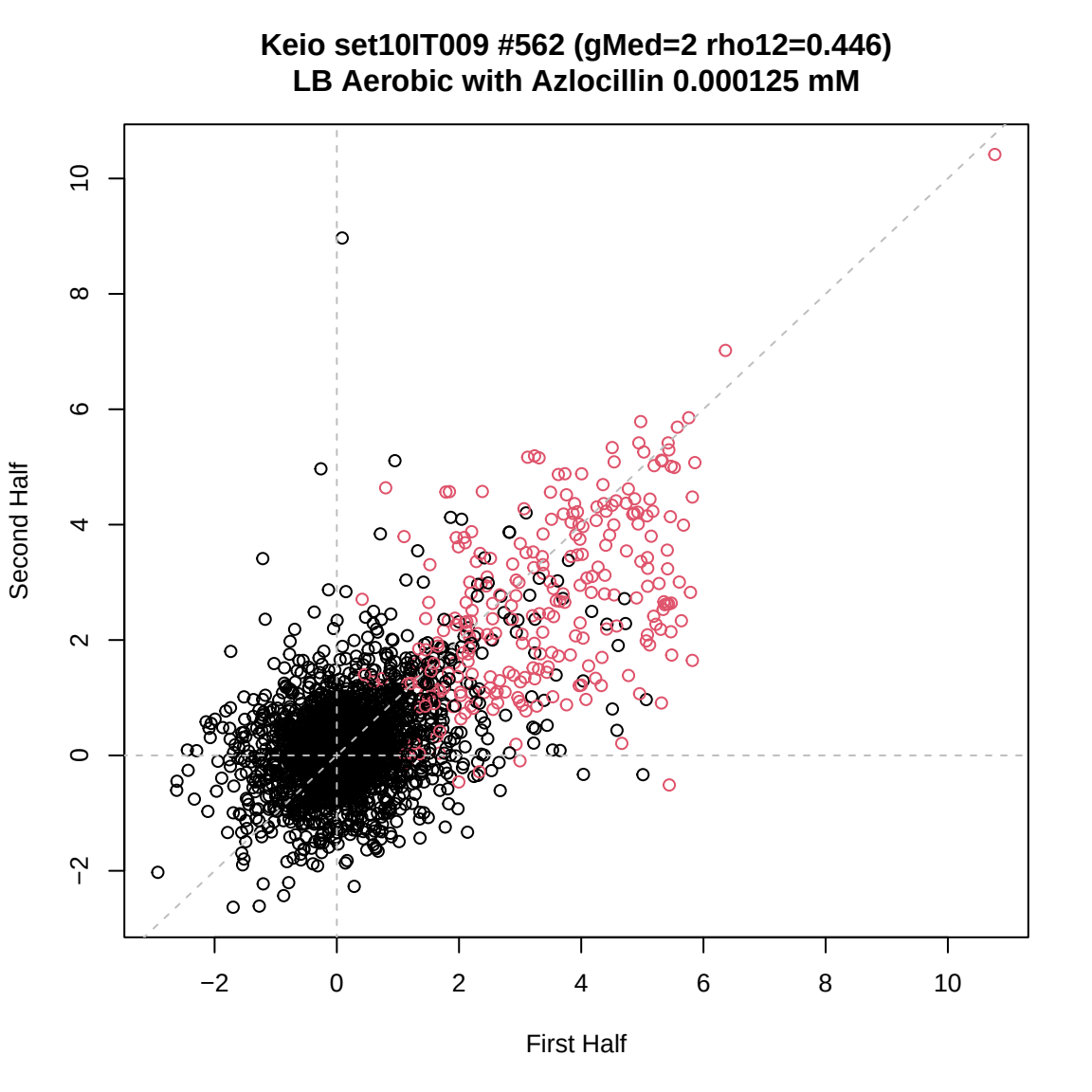

Keio set10IT004 #557 (gMed=59 rho12=0.355)
LB Aerobic with Phenazine ethosulfate 0.0000625 mM
Second Half
First Half
10
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8
10

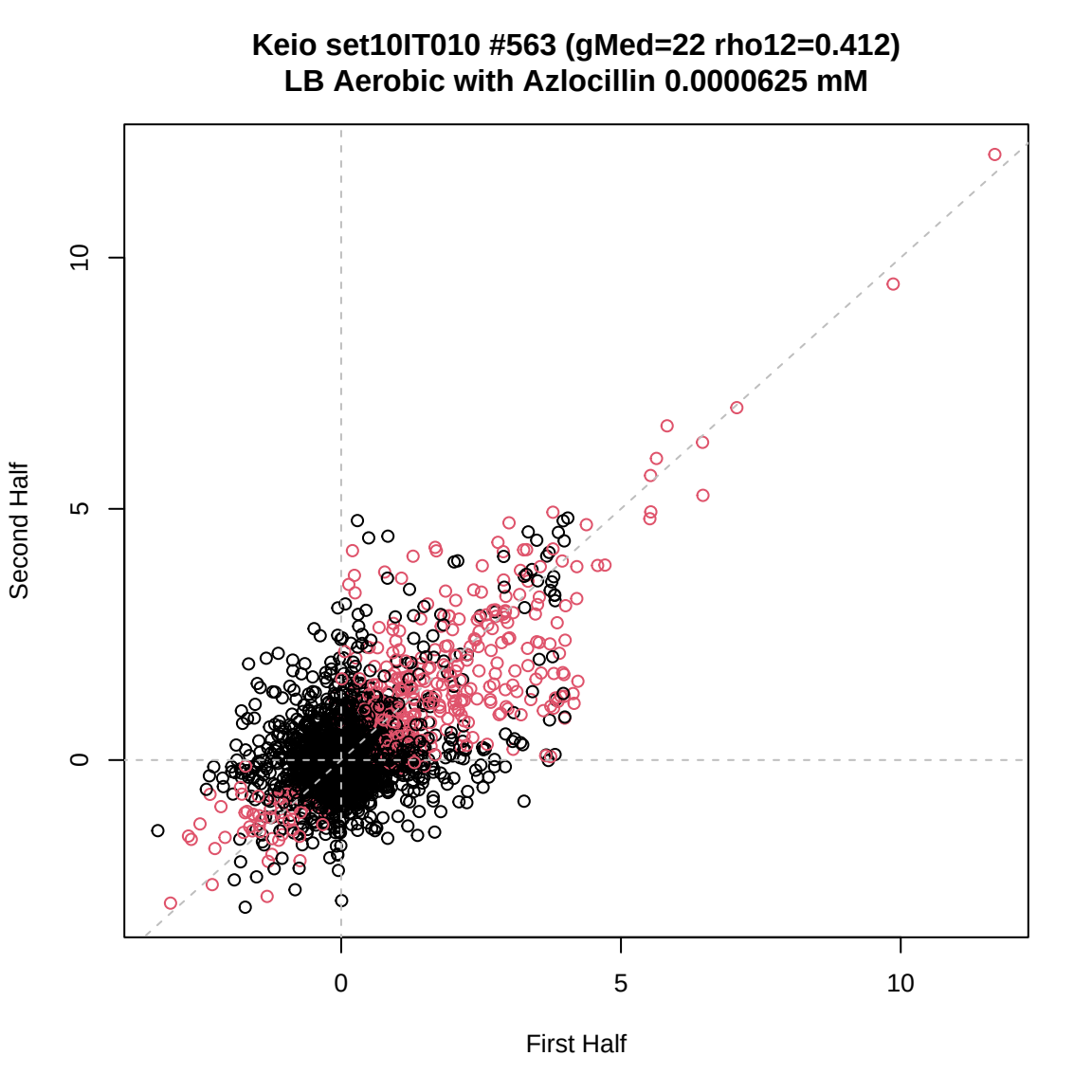

Keio set10IT005 #558 (gMed=120 rho12=0.323)
LB Aerobic with Spiramycin 0.000125 mM
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

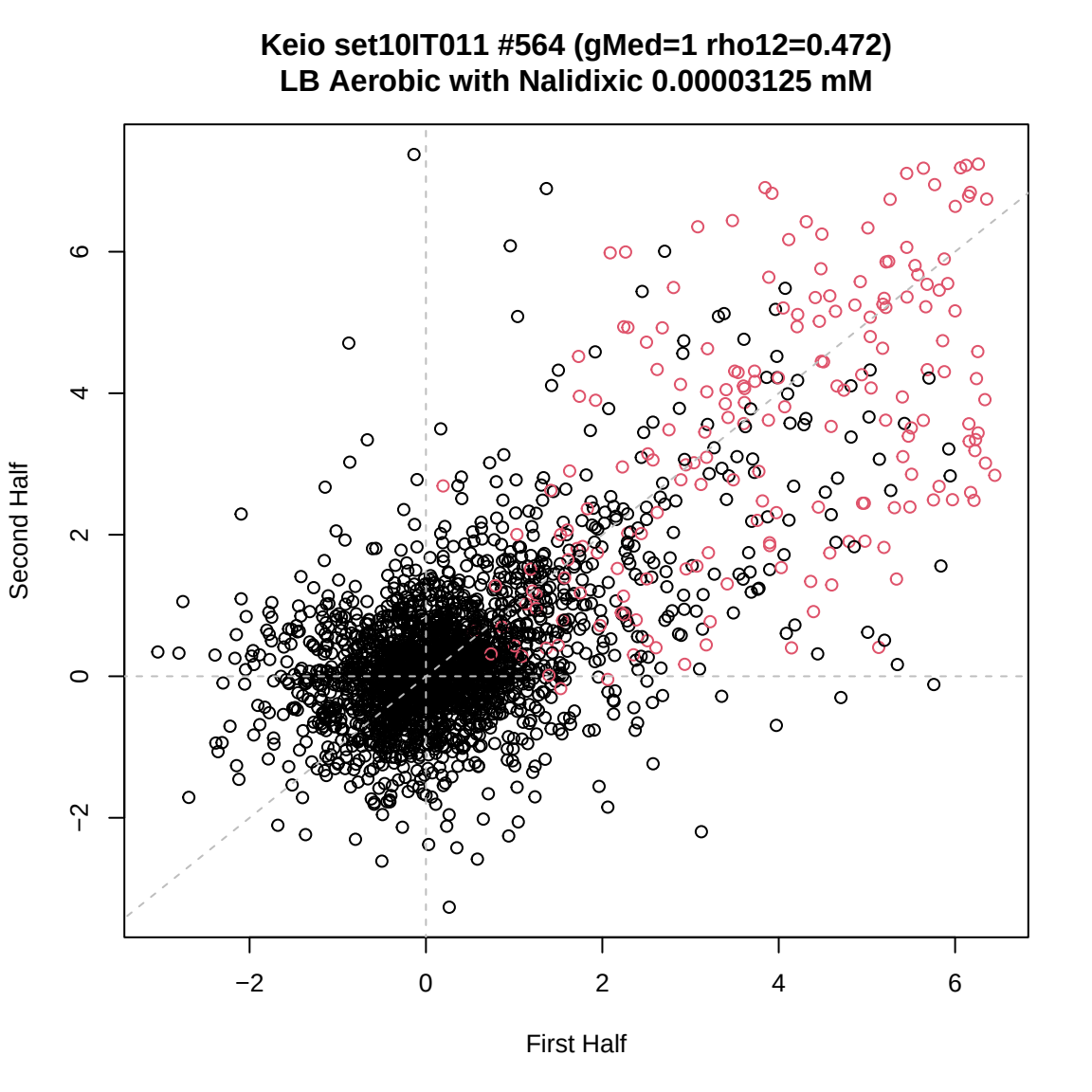

Keio set10IT006 #559 (gMed=130 rho12=0.319)
LB Aerobic with Spiramycin 0.0000625 mM
Second Half
First Half
−6
−4
−2
0
2
4

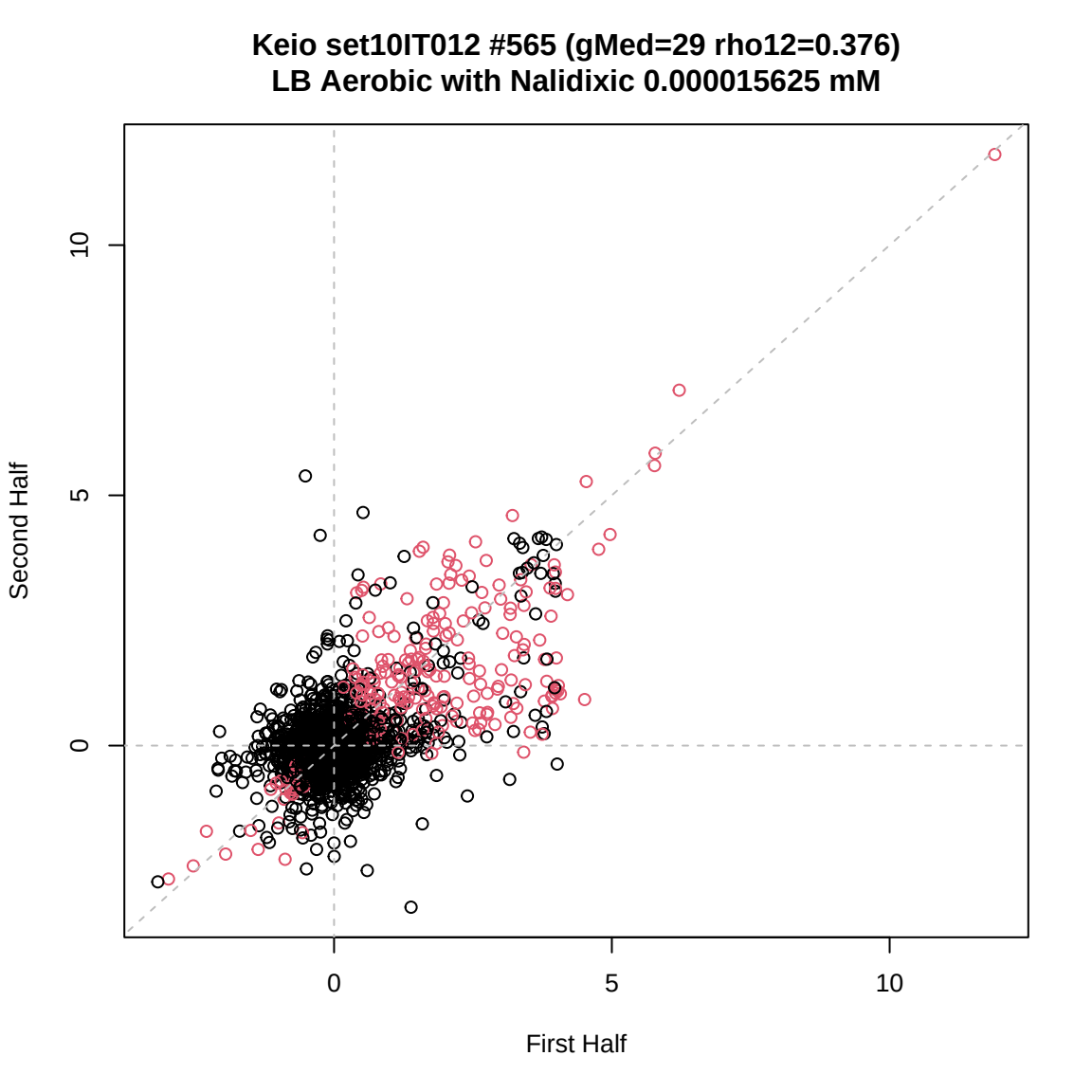

Keio set10IT007 #560 (gMed=96 rho12=0.206)
LB Aerobic with Oxytetracycline 0.00000125 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

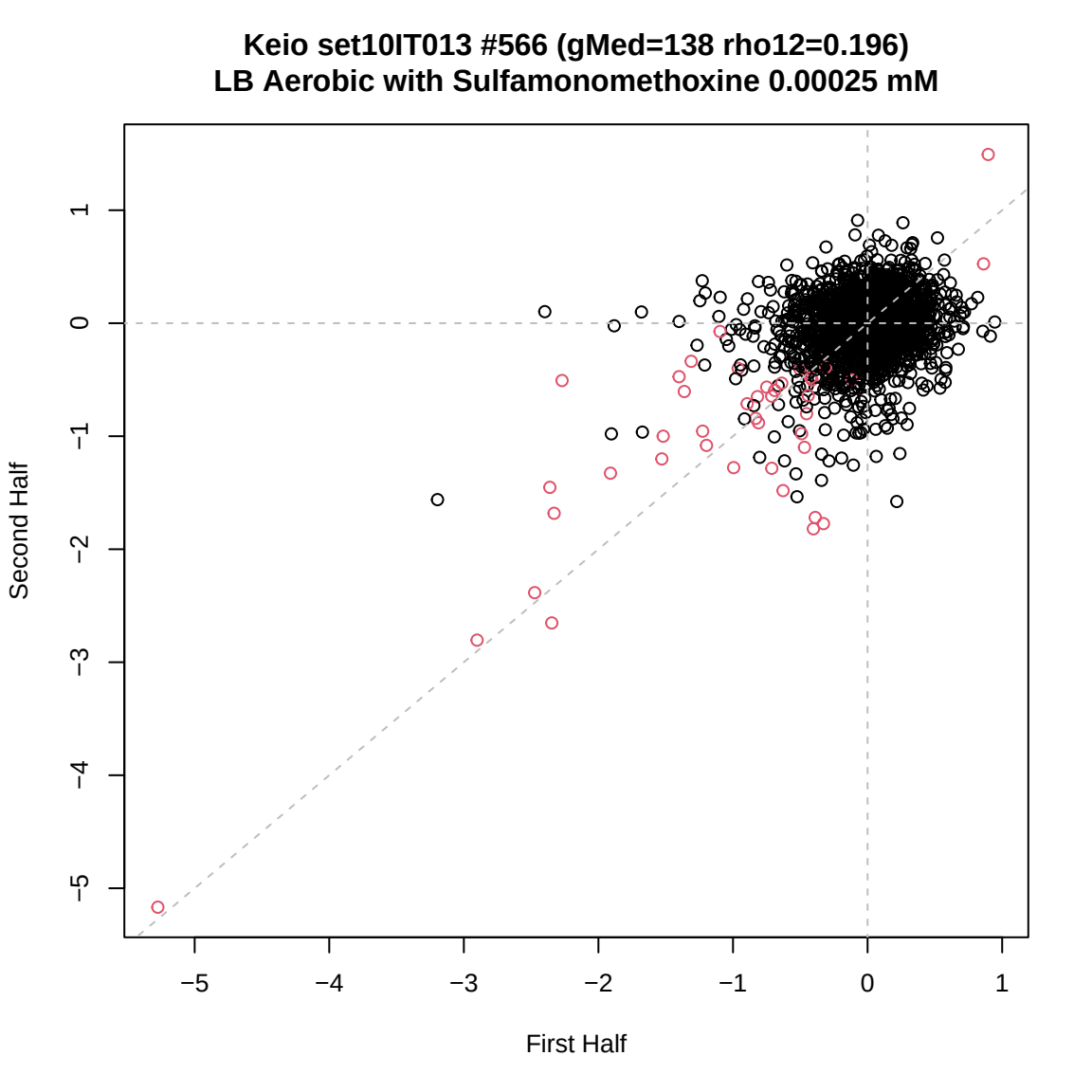

Keio set10IT008 #561 (gMed=131 rho12=0.251)
LB Aerobic with Oxytetracycline 0.0000003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

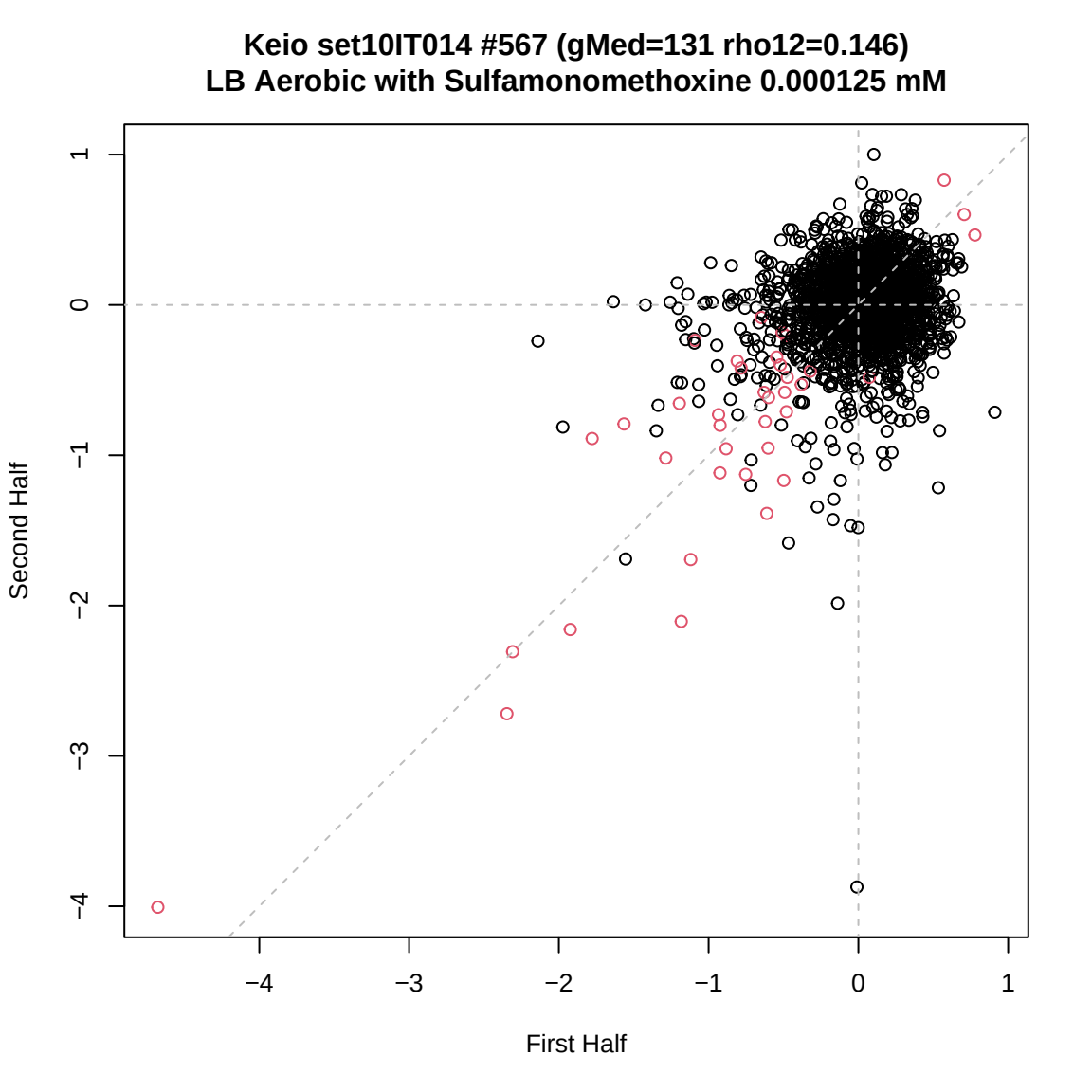

Keio set10IT009 #562 (gMed=2 rho12=0.446)
LB Aerobic with Azlocillin 0.000125 mM
Second Half
First Half
−2
0
2
4
6
8
10

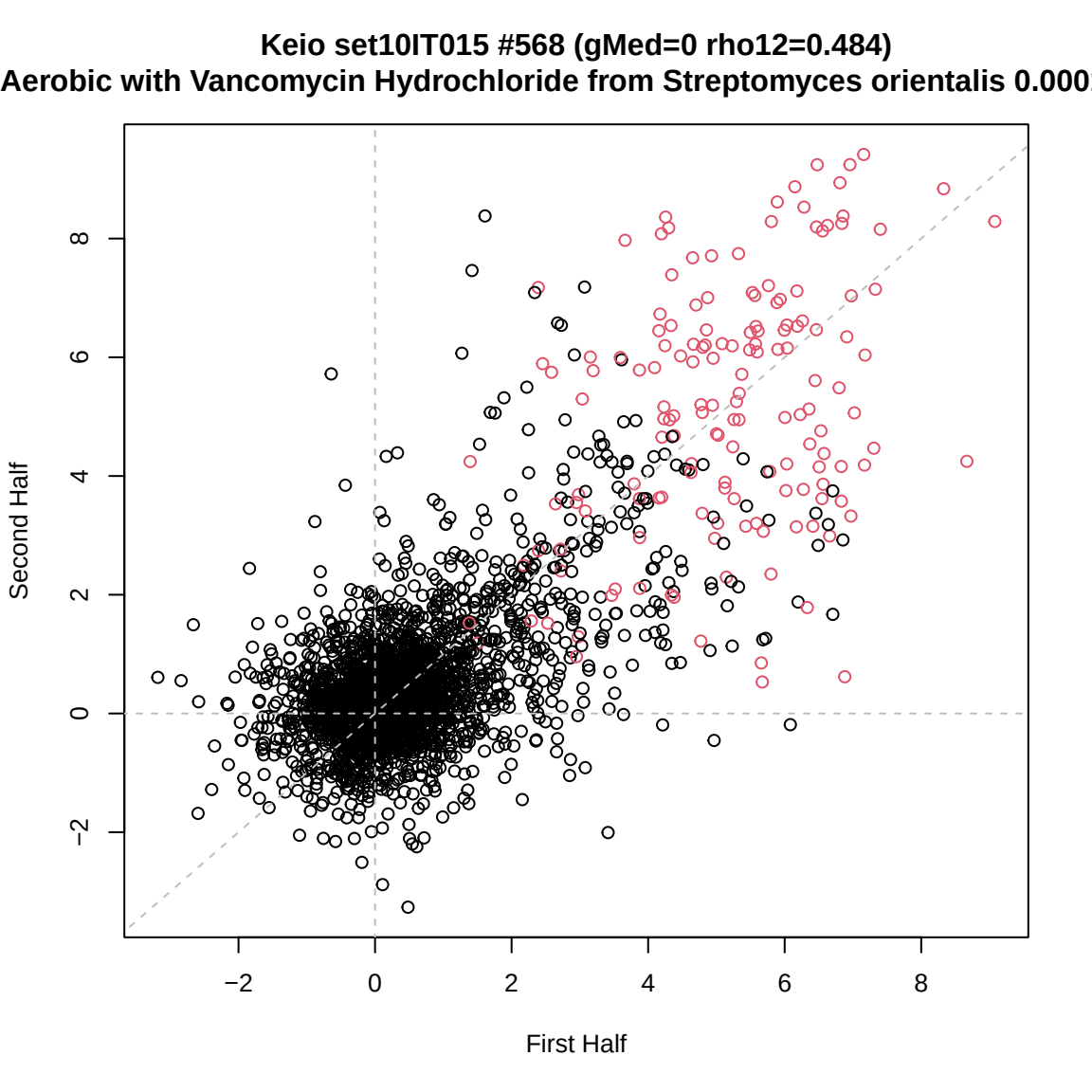

Keio set10IT010 #563 (gMed=22 rho12=0.412)
LB Aerobic with Azlocillin 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

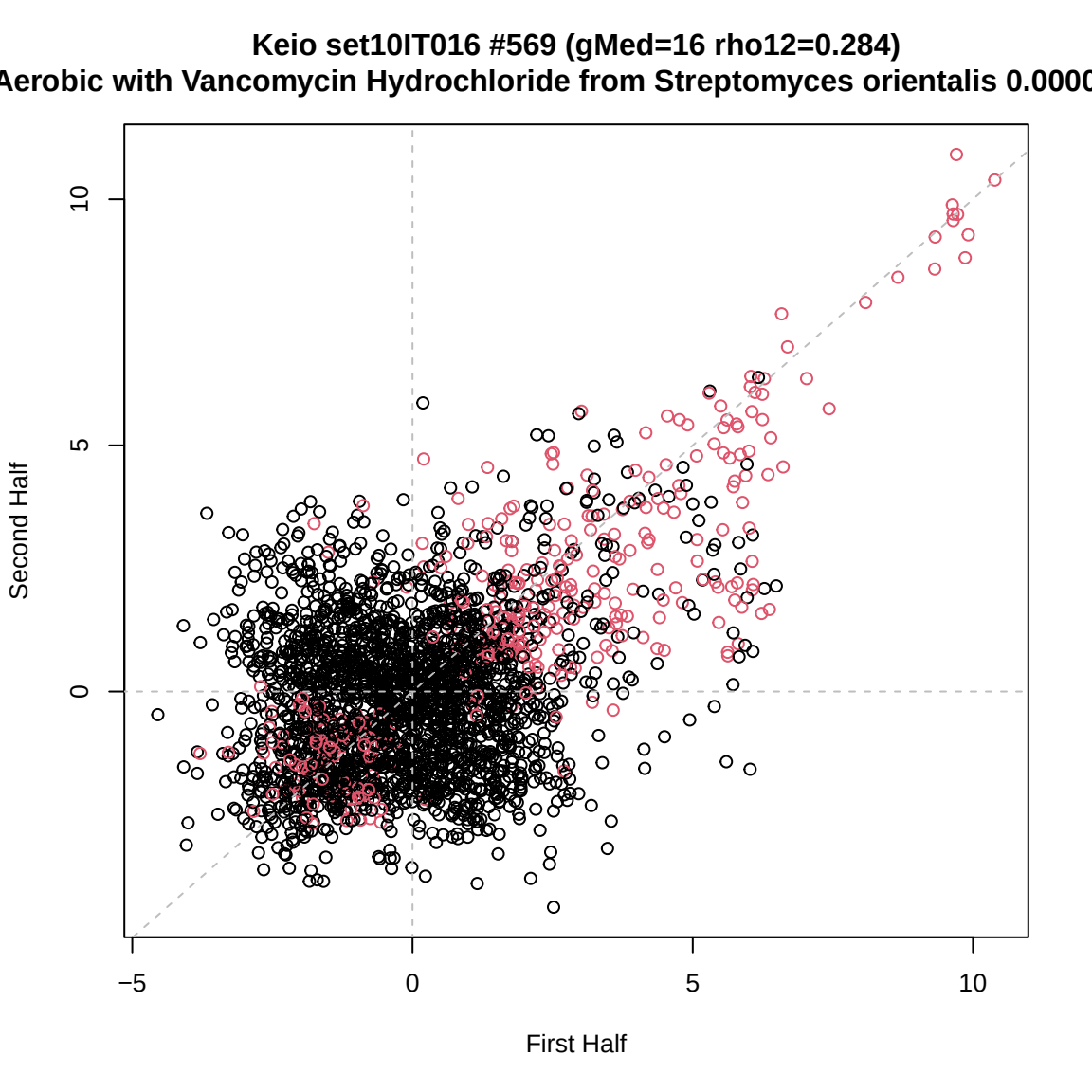

Keio set10IT011 #564 (gMed=1 rho12=0.472)
LB Aerobic with Nalidixic 0.00003125 mM
Second Half
First Half
−2
0
2
4
6

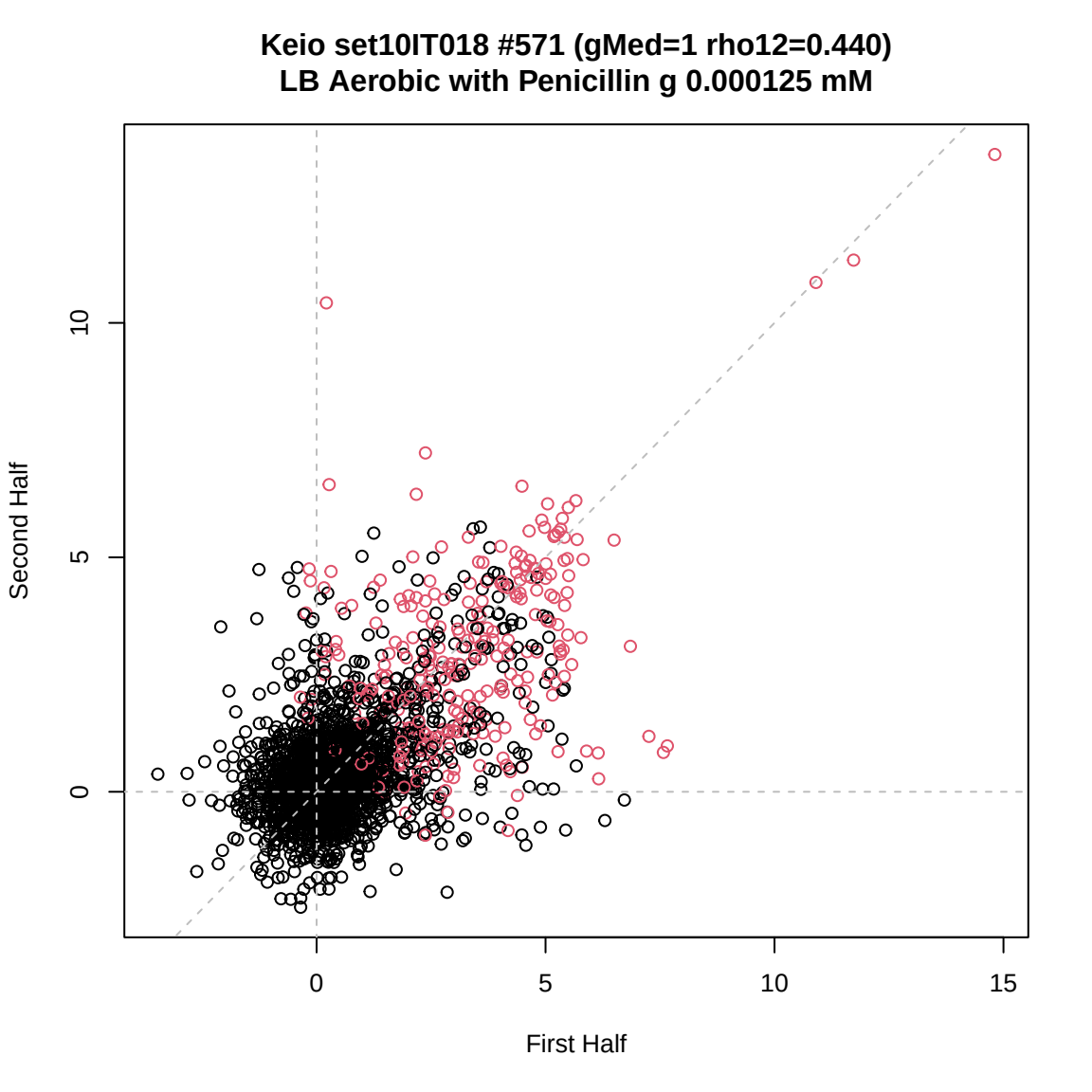

Keio set10IT012 #565 (gMed=29 rho12=0.376)
LB Aerobic with Nalidixic 0.000015625 mM
Second Half
First Half
0
5
10
0
5
10

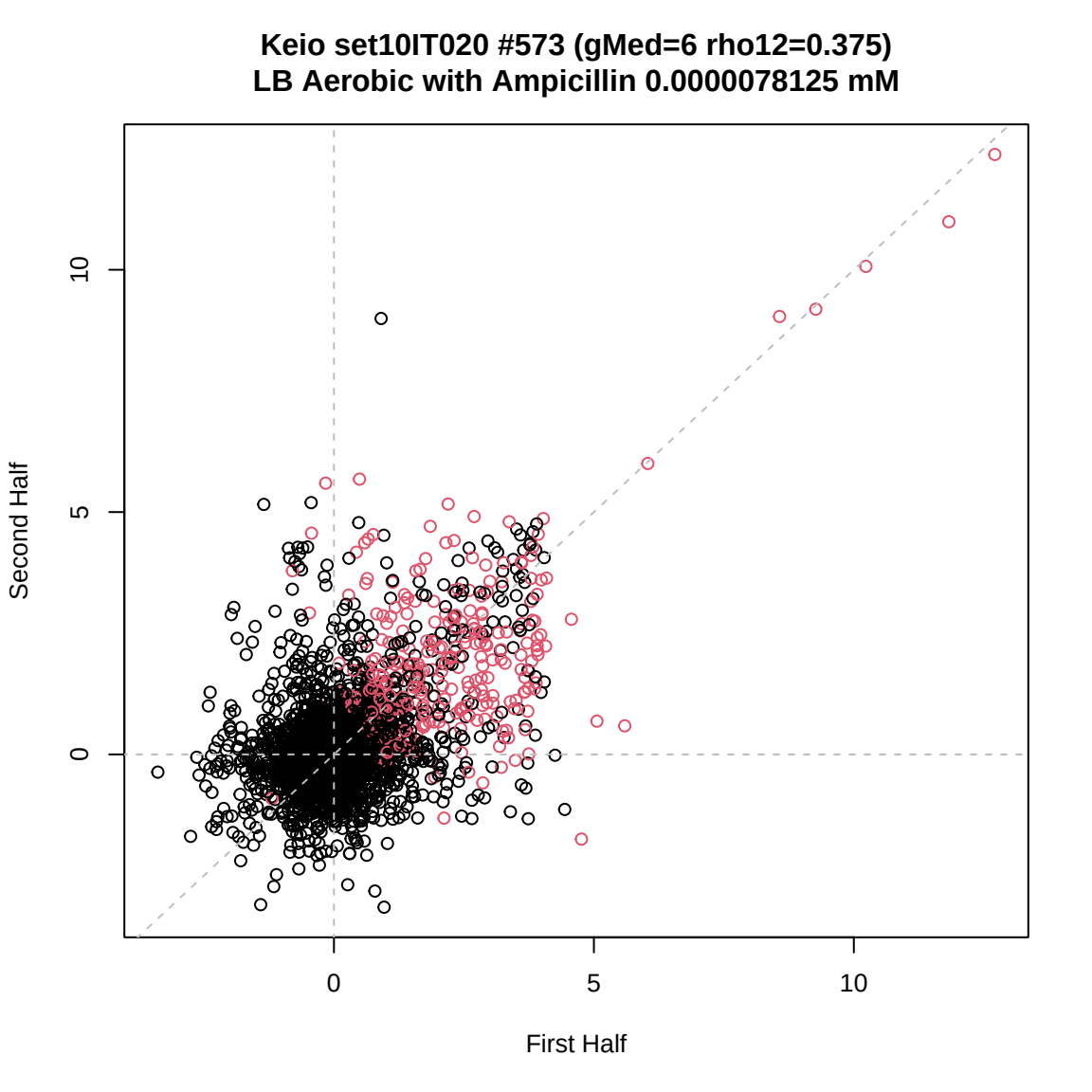

Keio set10IT013 #566 (gMed=138 rho12=0.196)
LB Aerobic with Sulfamonomethoxine 0.00025 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

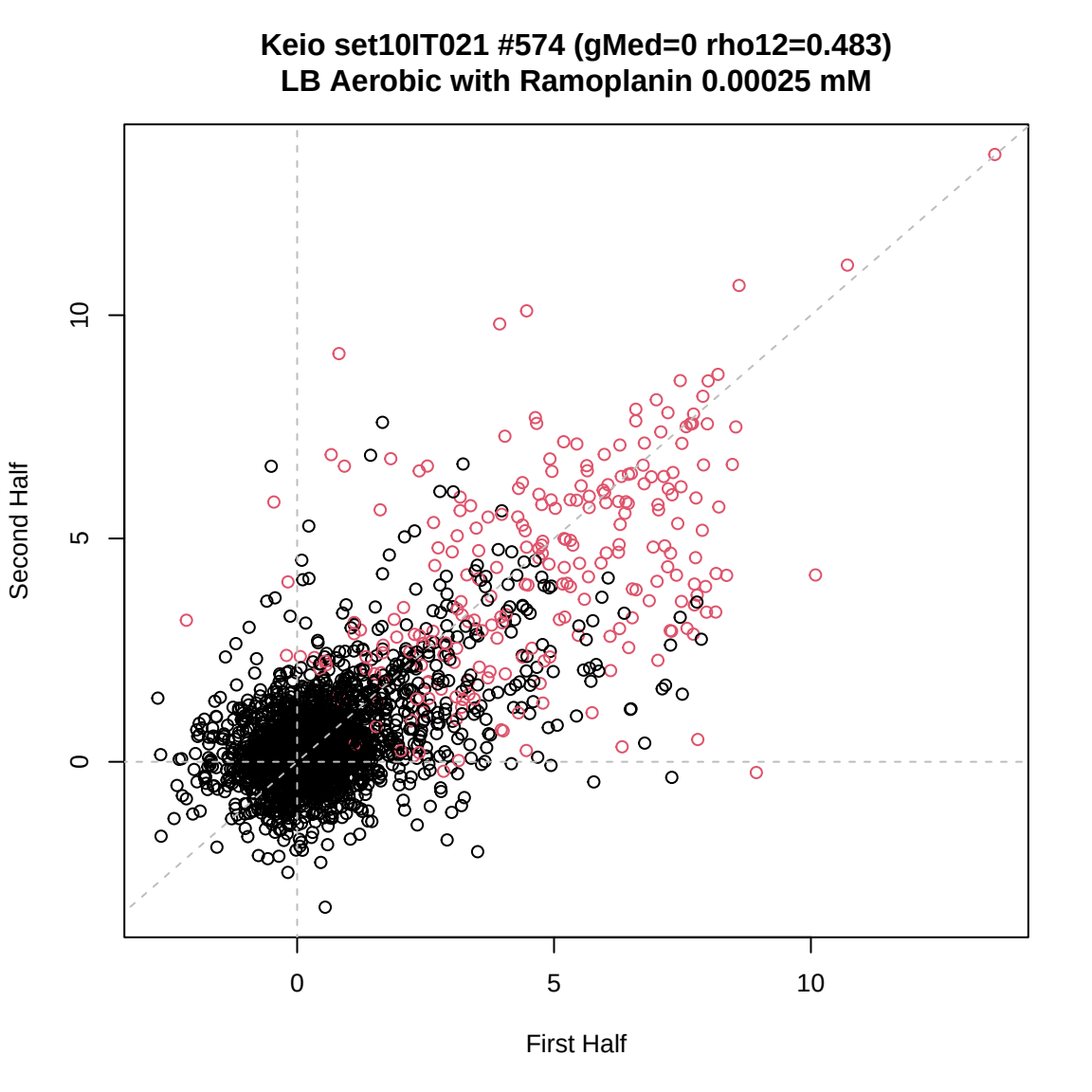

Keio set10IT014 #567 (gMed=131 rho12=0.146)
LB Aerobic with Sulfamonomethoxine 0.000125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

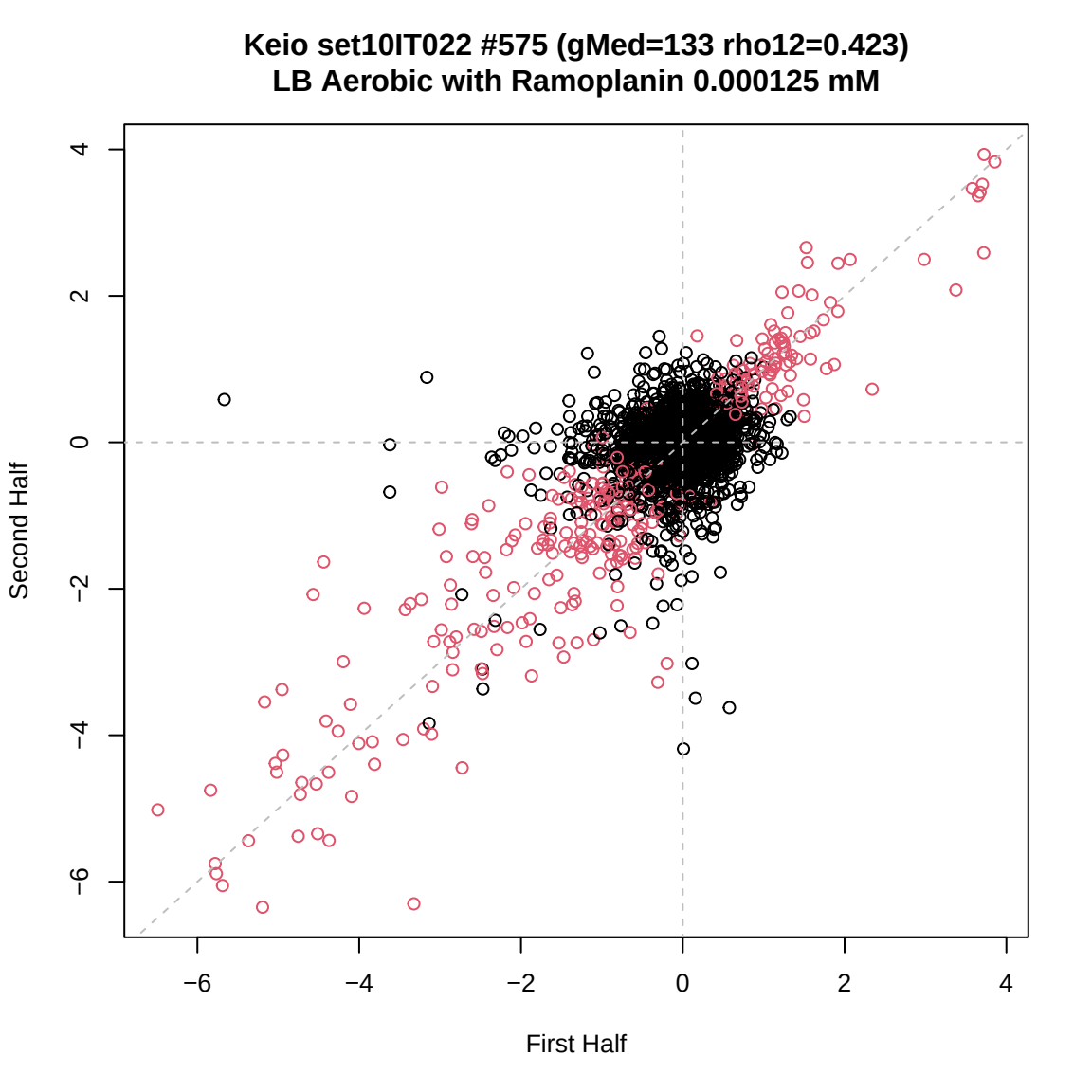

Keio set10IT015 #568 (gMed=0 rho12=0.484)
Aerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.000
Second Half
First Half
−2
0
2
4
6
8

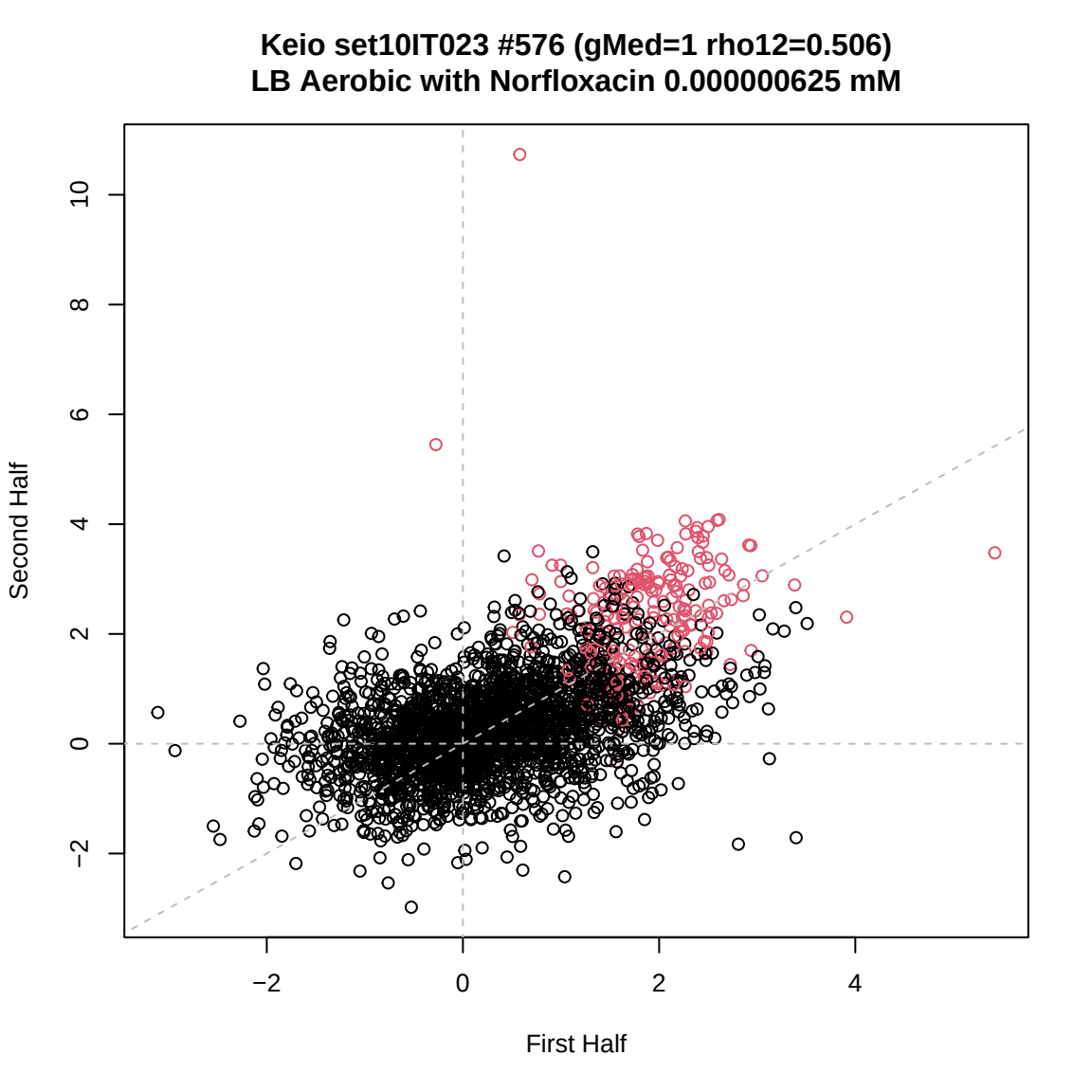

Keio set10IT016 #569 (gMed=16 rho12=0.284)
Aerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.0000
Second Half
First Half
−5
0
5
10
0
5
10


Keio set10IT018 #571 (gMed=1 rho12=0.440)
LB Aerobic with Penicillin g 0.000125 mM
Second Half
First Half
0
5
10
15

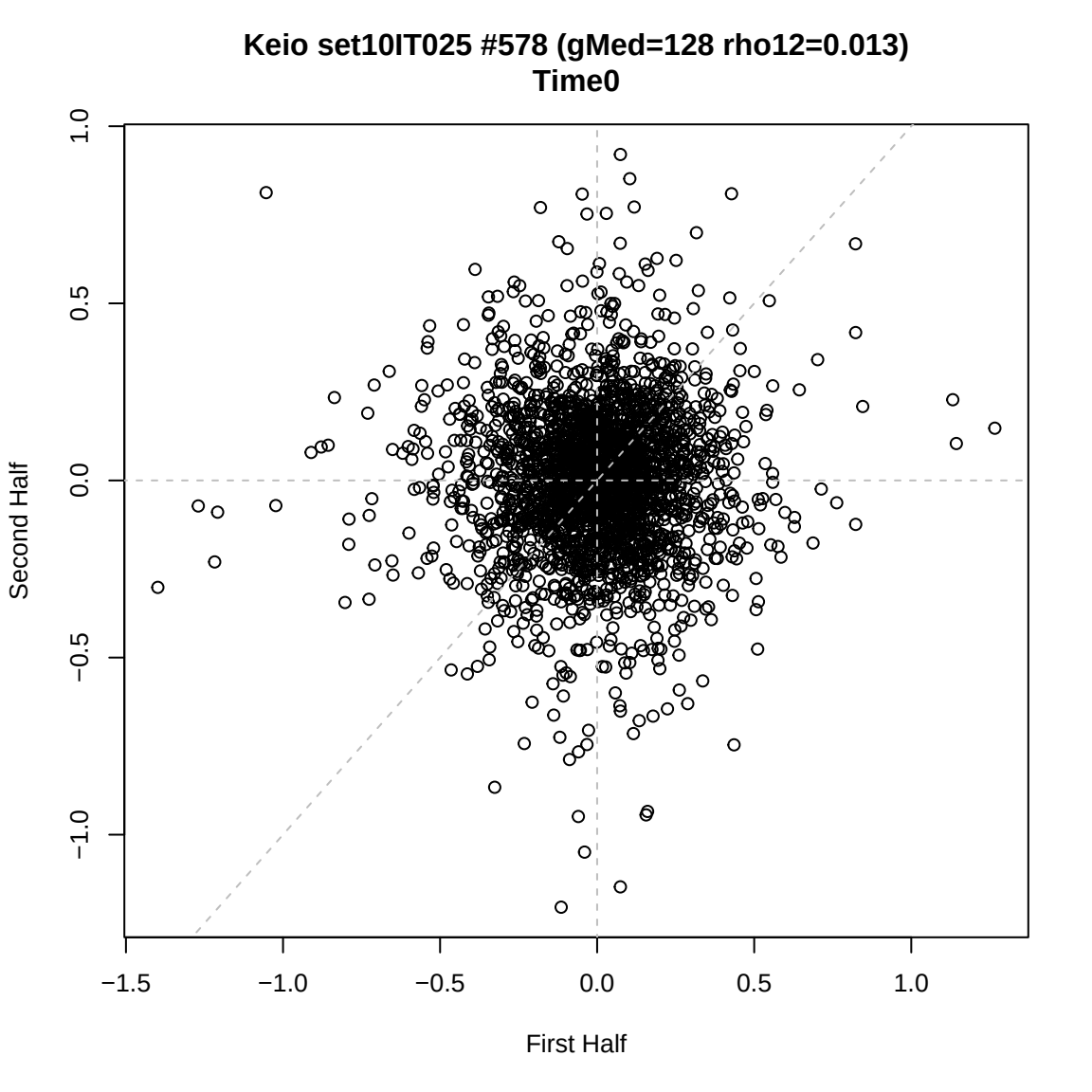

Keio set10IT020 #573 (gMed=6 rho12=0.375)
LB Aerobic with Ampicillin 0.0000078125 mM
Second Half
First Half
0
5
10
0
5
10

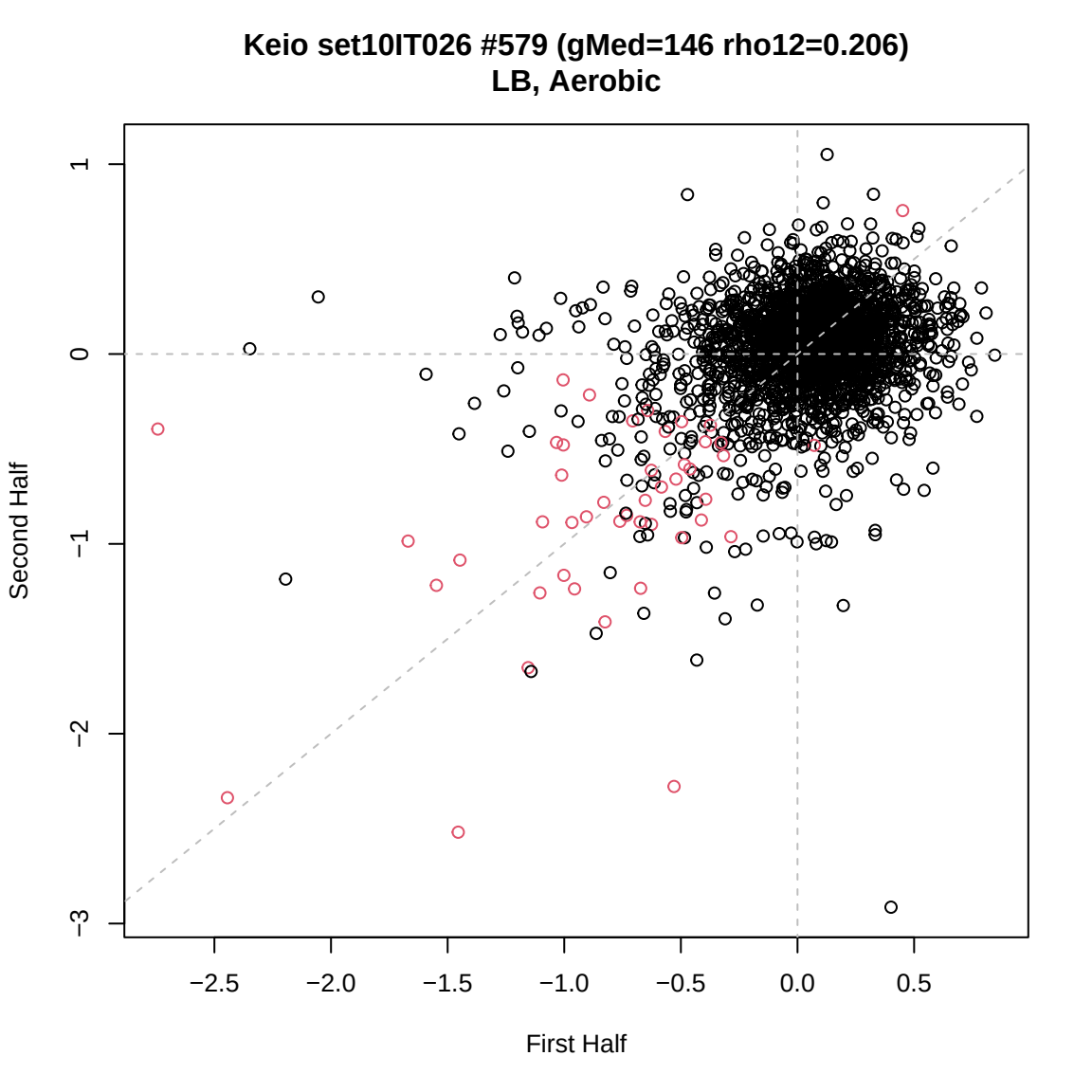

Keio set10IT021 #574 (gMed=0 rho12=0.483)
LB Aerobic with Ramoplanin 0.00025 mM
Second Half
First Half
0
5
10
0
5
10

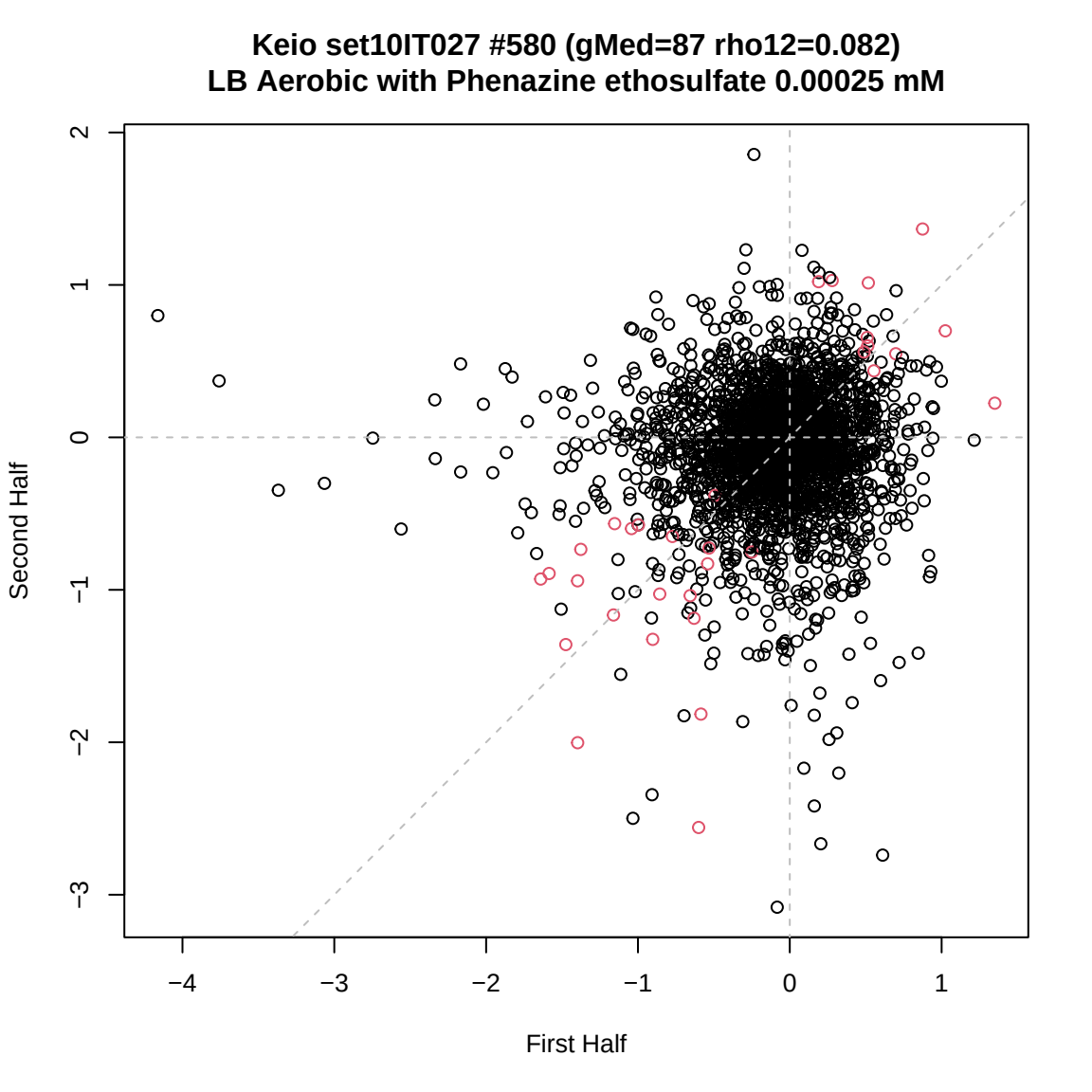

Keio set10IT022 #575 (gMed=133 rho12=0.423)
LB Aerobic with Ramoplanin 0.000125 mM
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

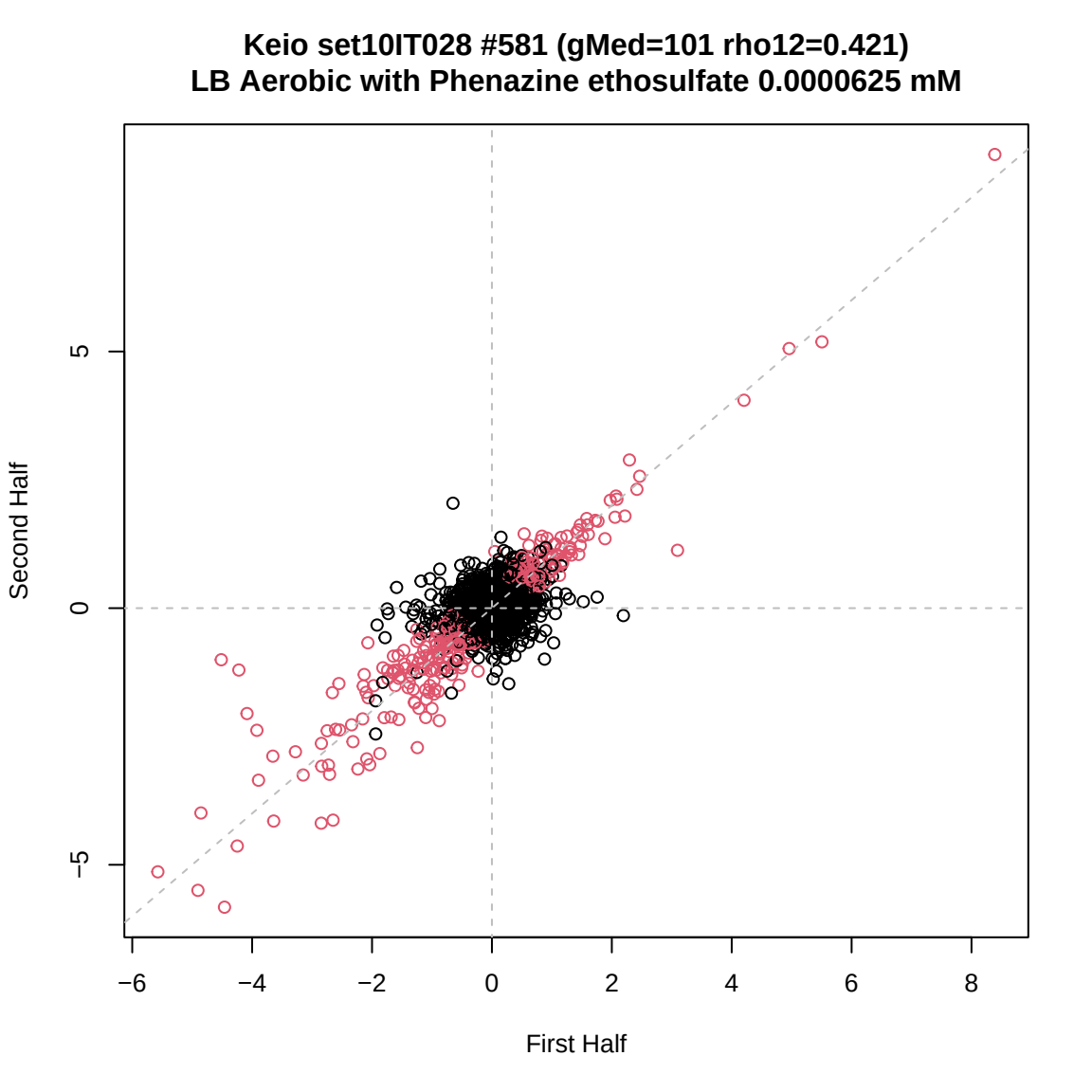

Keio set10IT023 #576 (gMed=1 rho12=0.506)
LB Aerobic with Norfloxacin 0.000000625 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4

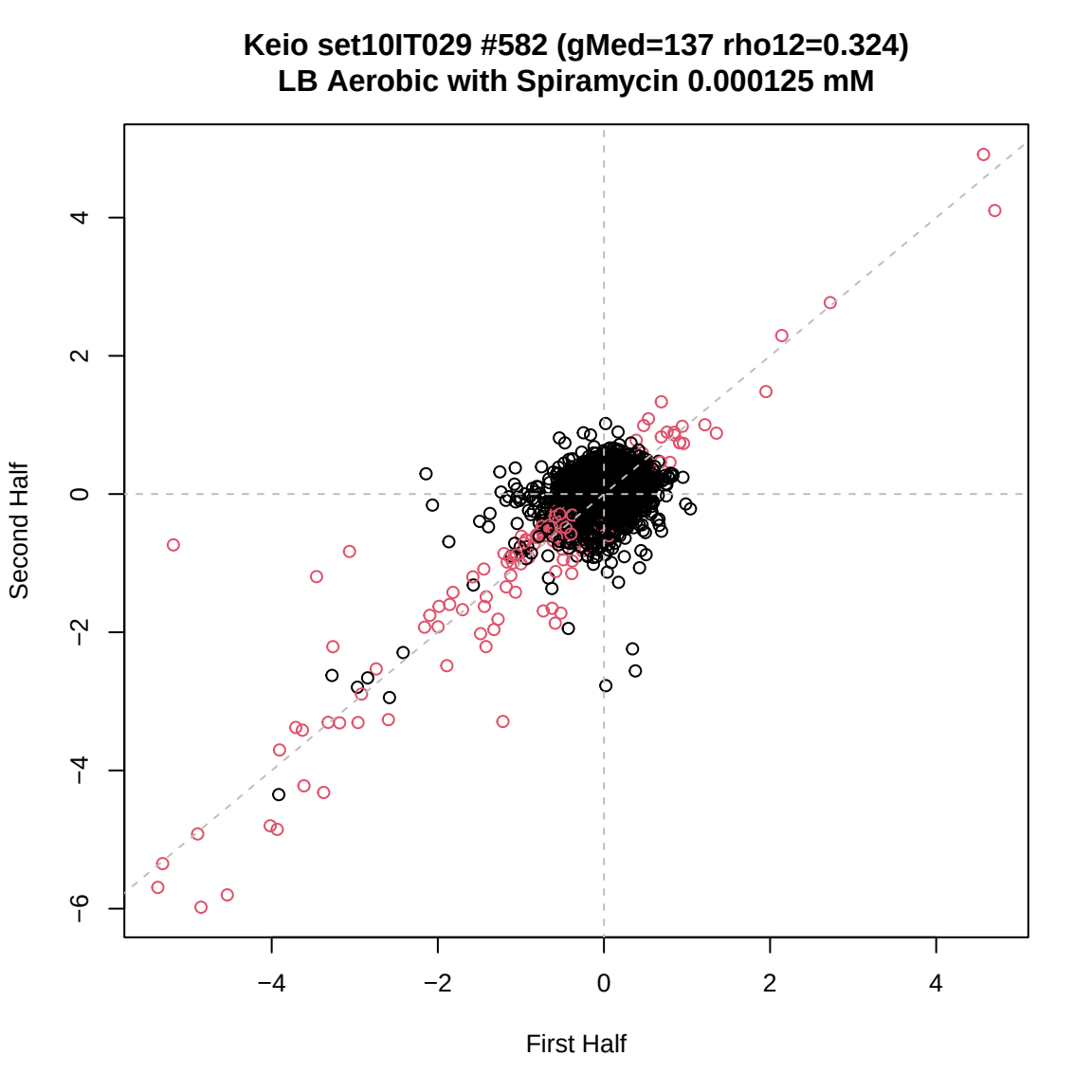

Keio set10IT024 #577 (gMed=7 rho12=0.423)
LB Aerobic with Norfloxacin 0.0000003125 mM
Second Half
First Half
0
5
10
0
5
10

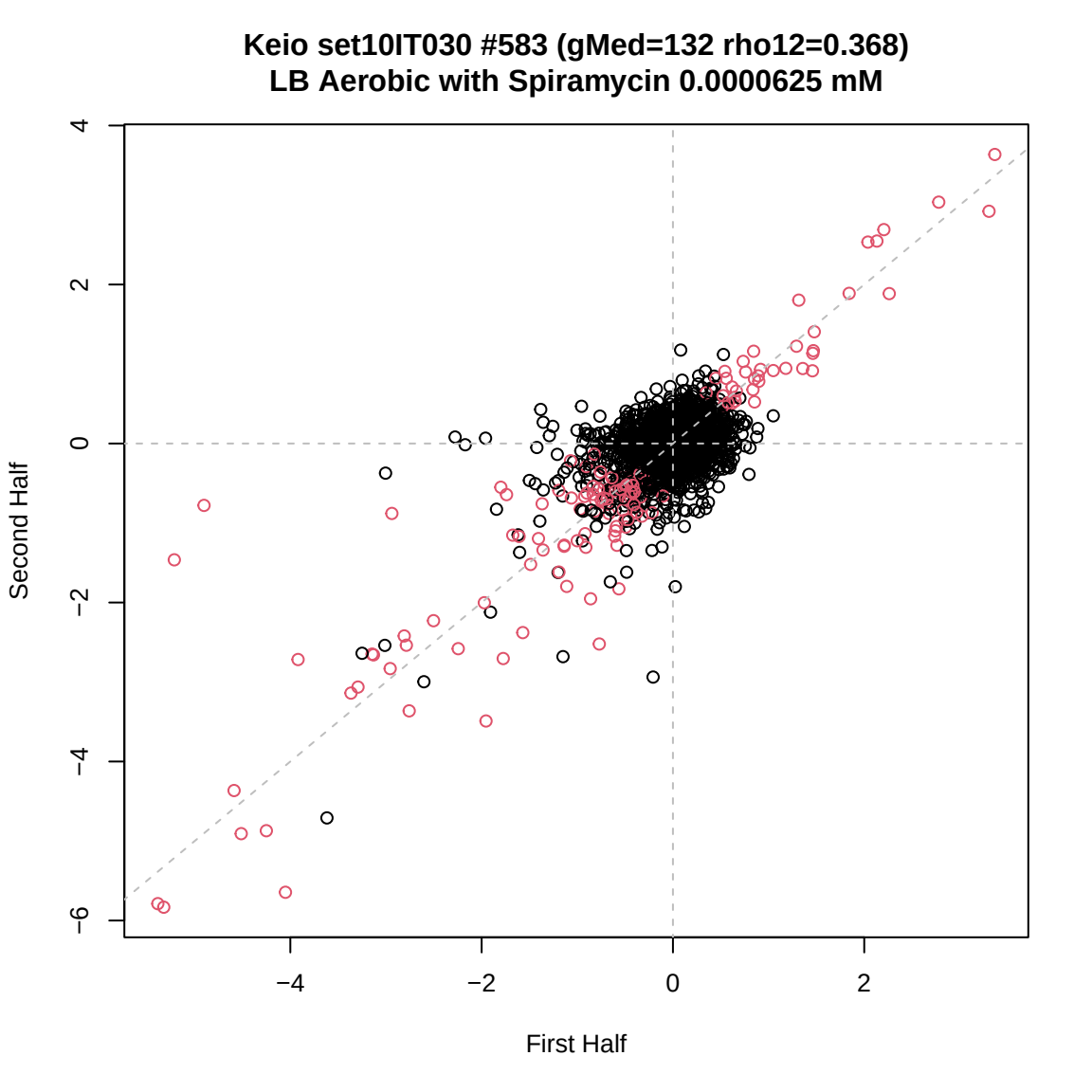

Keio set10IT025 #578 (gMed=128 rho12=0.013)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

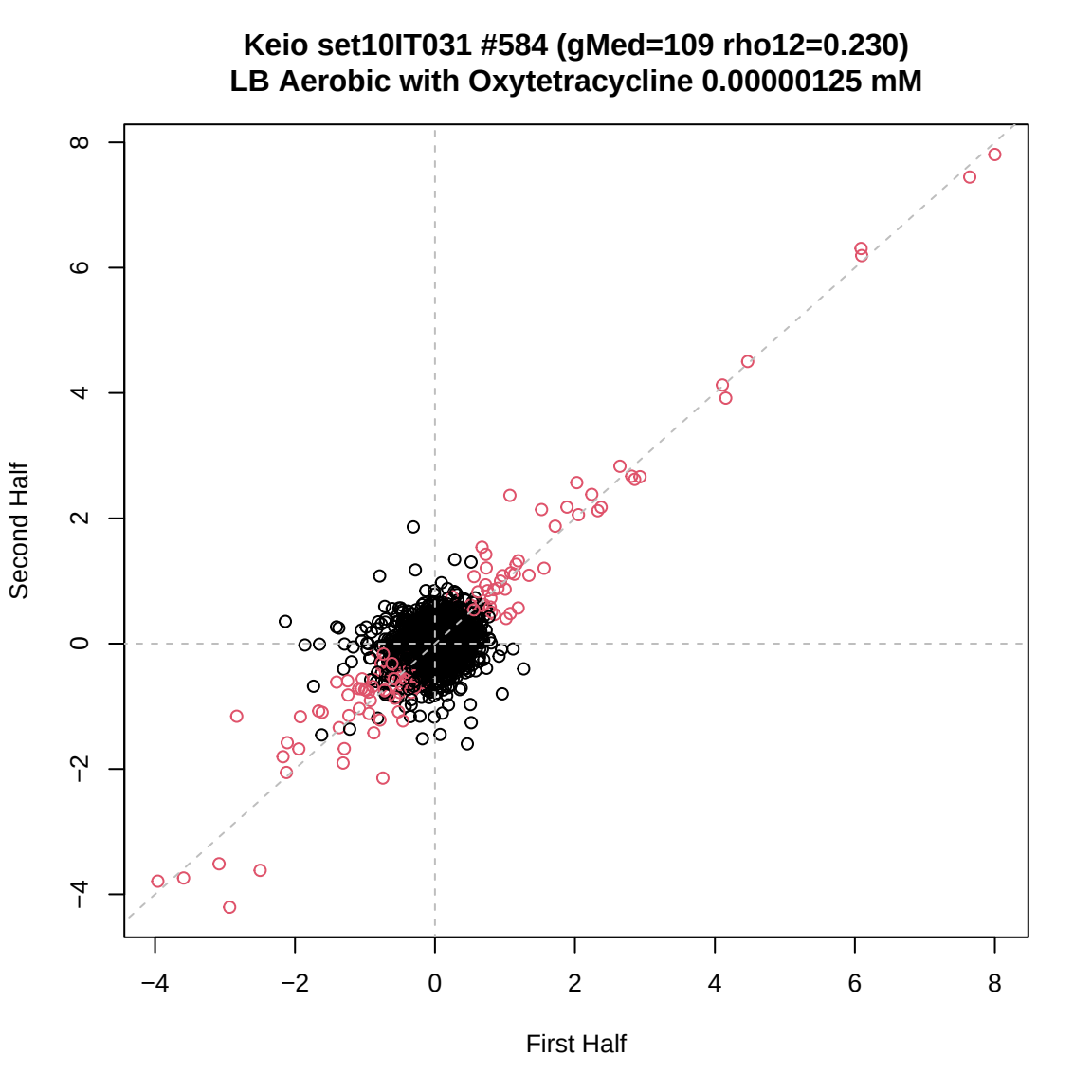

Keio set10IT026 #579 (gMed=146 rho12=0.206)
LB, Aerobic
Second Half
First Half
1
0
−1
−2
−3
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

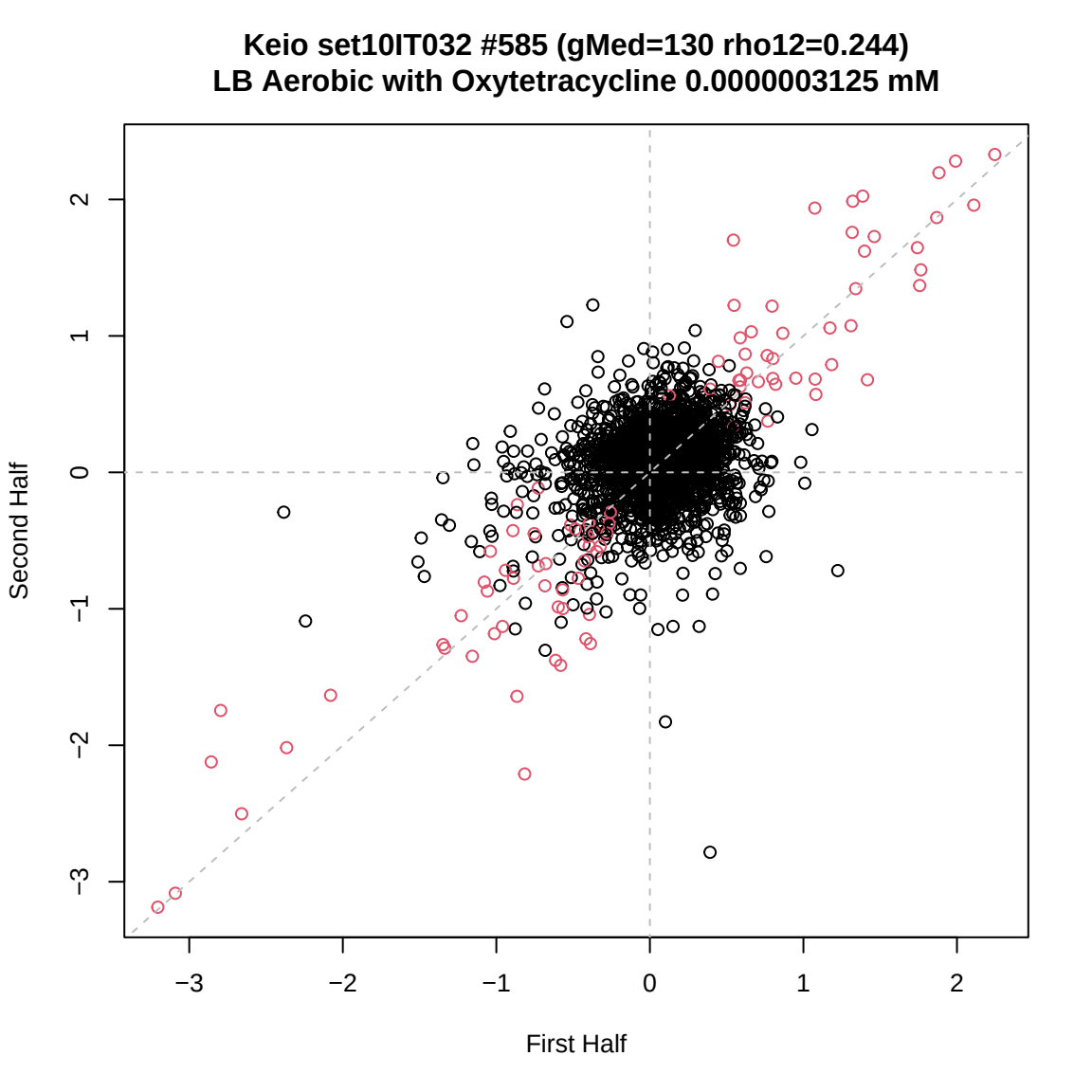

Keio set10IT027 #580 (gMed=87 rho12=0.082)
LB Aerobic with Phenazine ethosulfate 0.00025 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

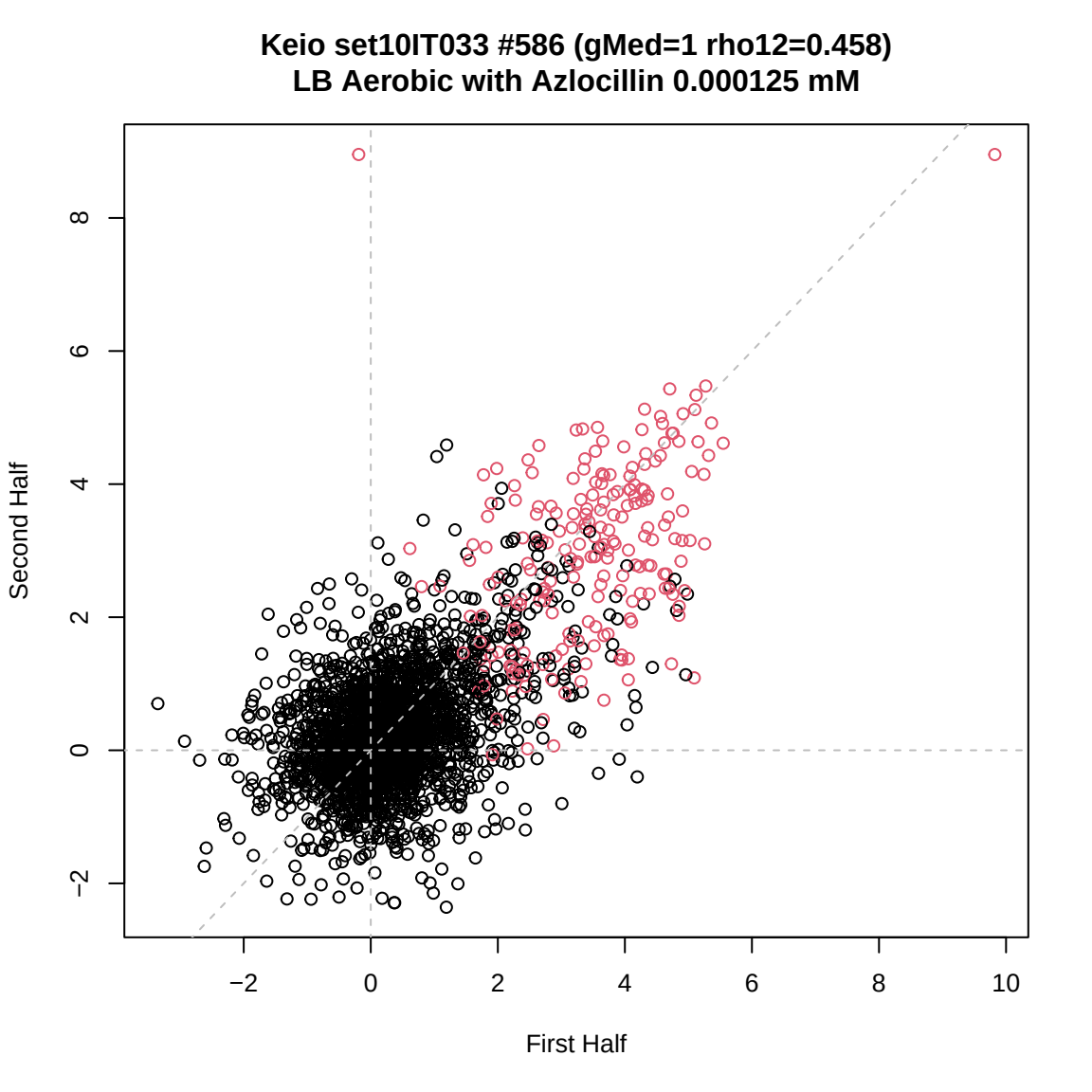

Keio set10IT028 #581 (gMed=101 rho12=0.421)
LB Aerobic with Phenazine ethosulfate 0.0000625 mM
Second Half
First Half
5
0
−5
−6
−4
−2
0
2
4
6
8

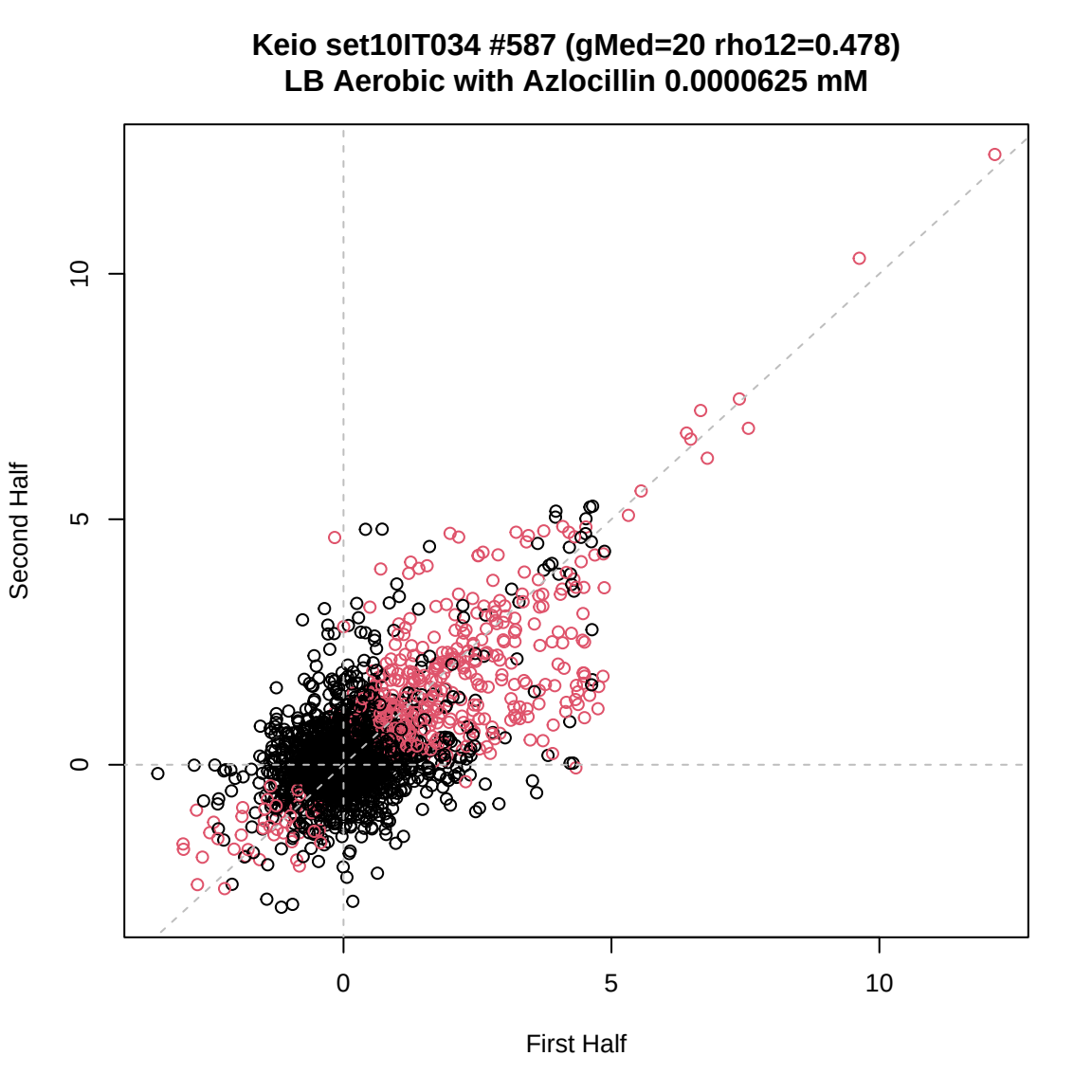

Keio set10IT029 #582 (gMed=137 rho12=0.324)
LB Aerobic with Spiramycin 0.000125 mM
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

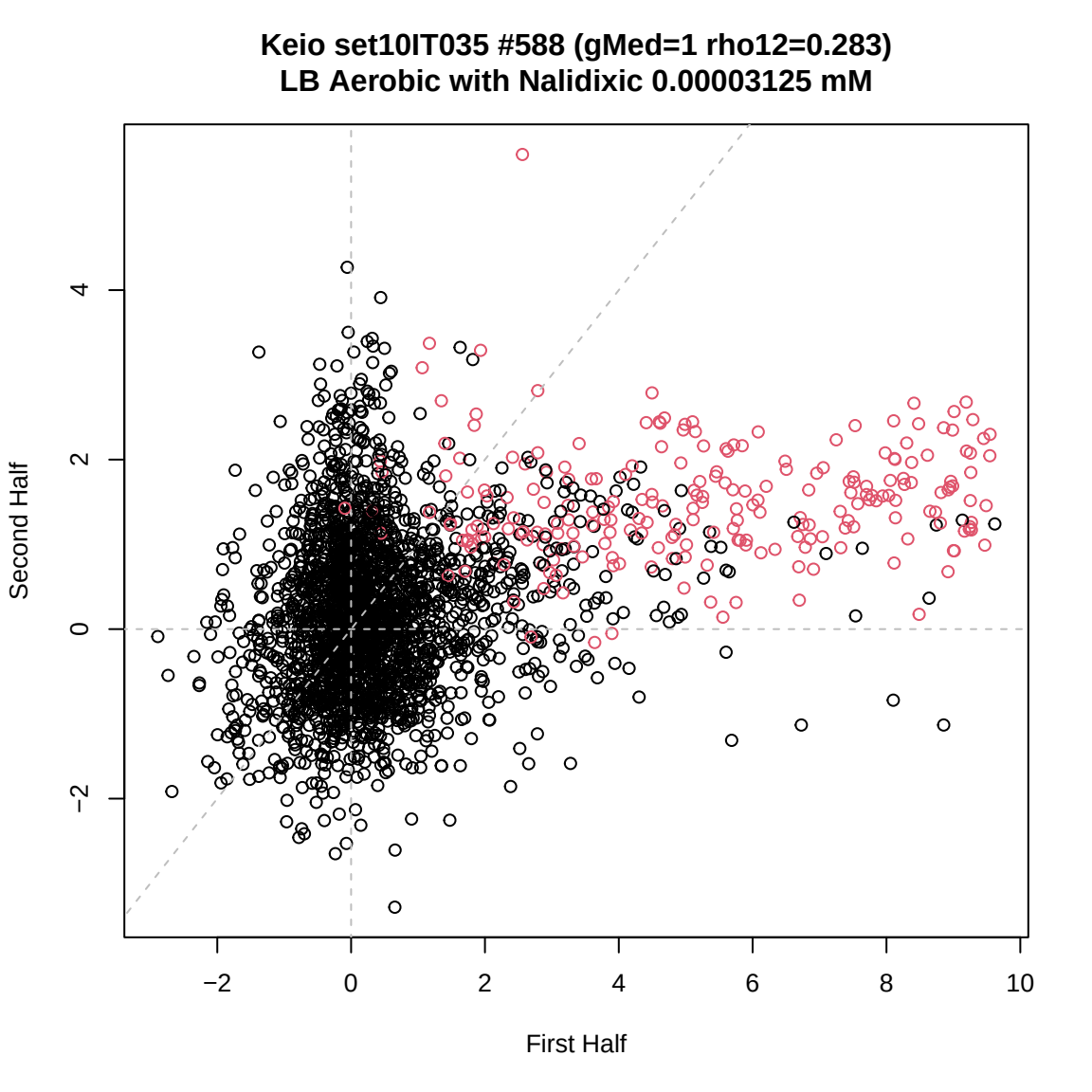

Keio set10IT030 #583 (gMed=132 rho12=0.368)
LB Aerobic with Spiramycin 0.0000625 mM
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2

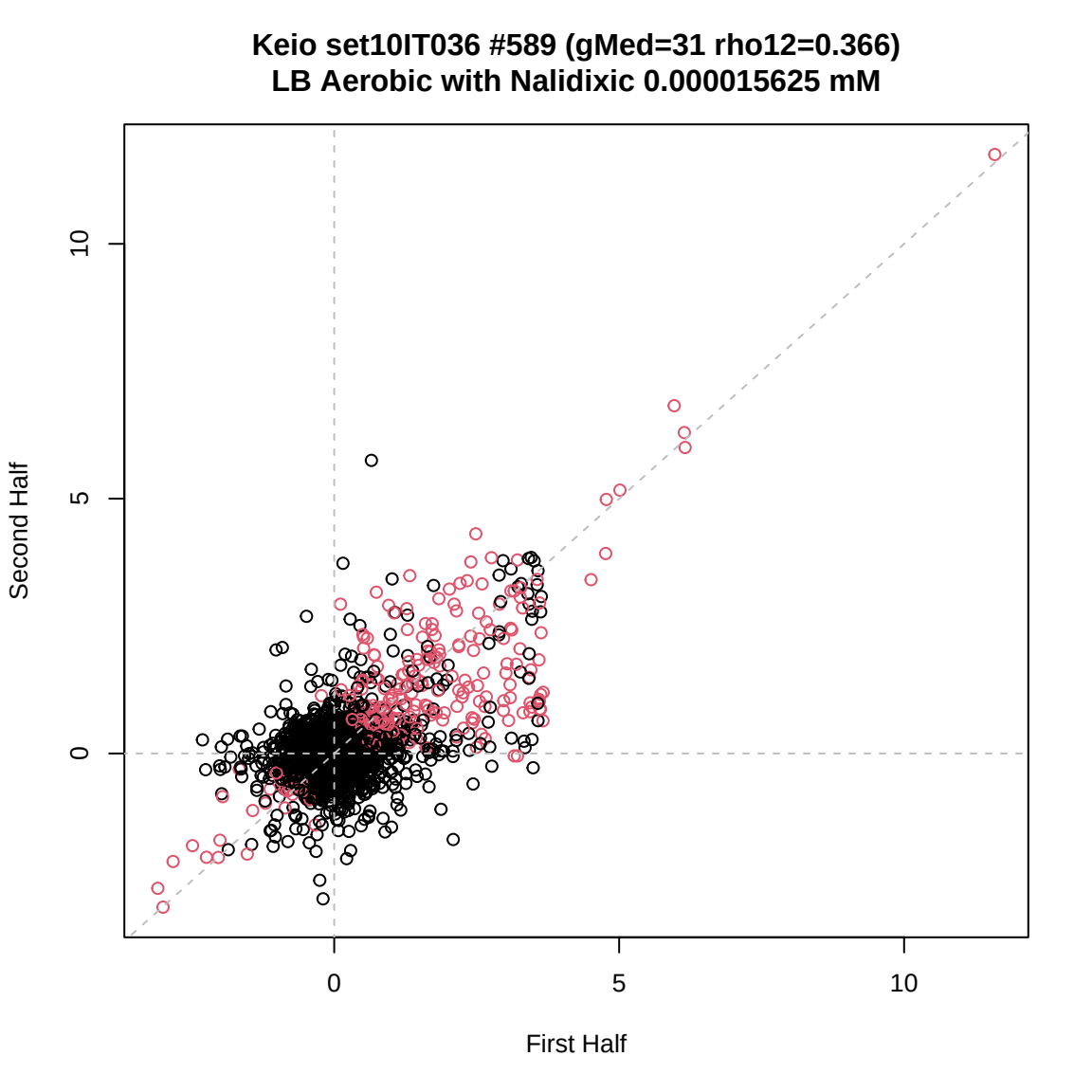

Keio set10IT031 #584 (gMed=109 rho12=0.230)
LB Aerobic with Oxytetracycline 0.00000125 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

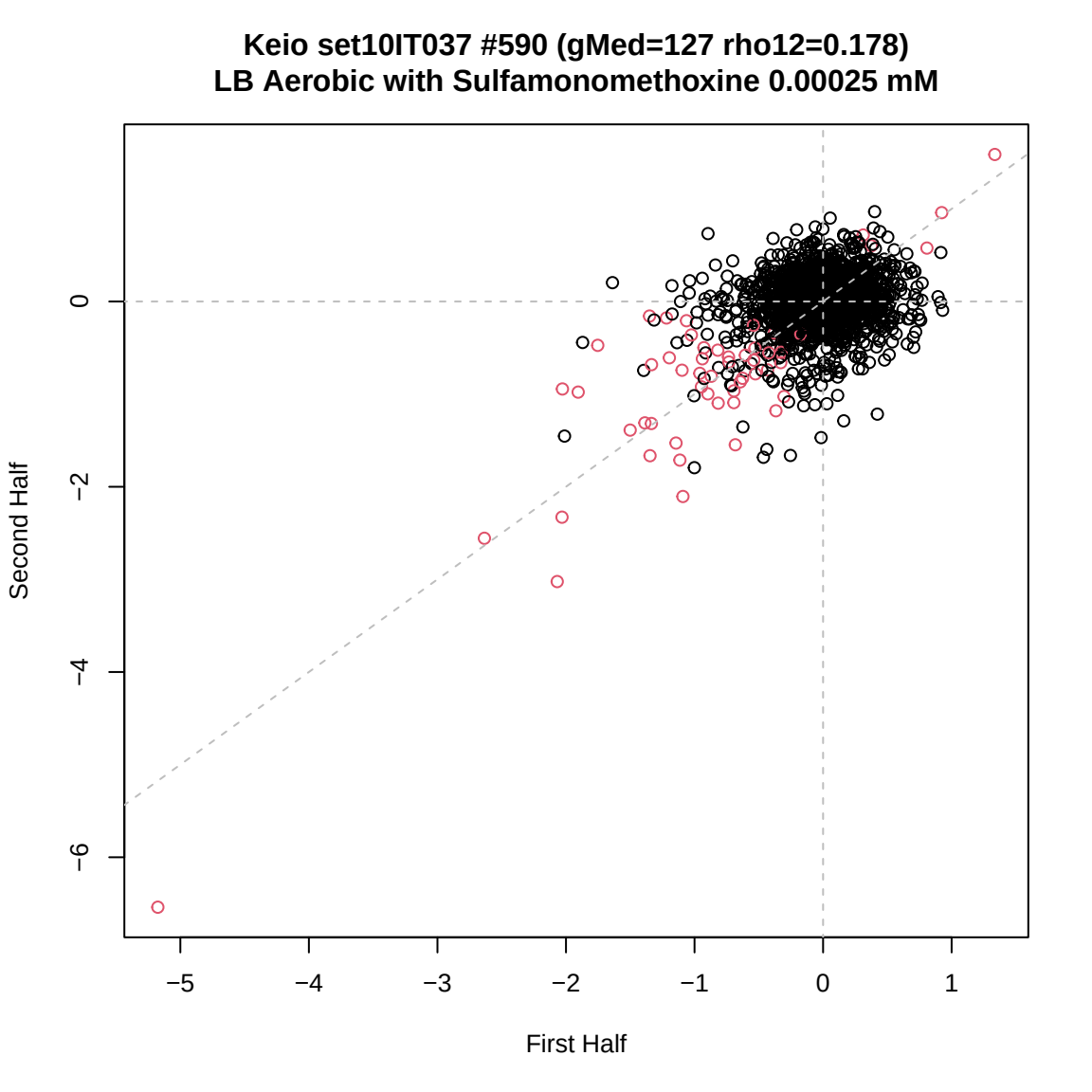

Keio set10IT032 #585 (gMed=130 rho12=0.244)
LB Aerobic with Oxytetracycline 0.0000003125 mM
Second Half
First Half
−3
−2
−1
0
1
2

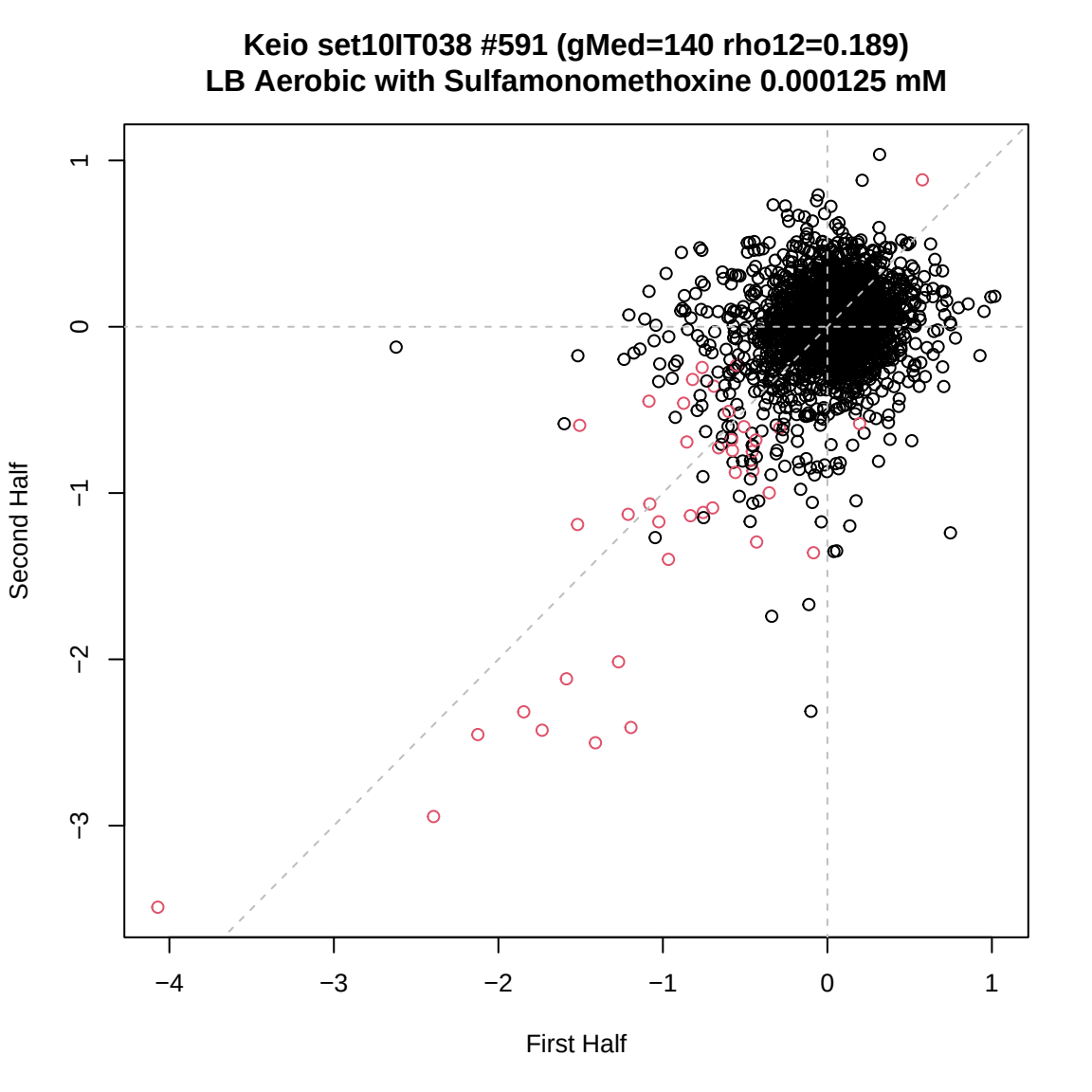

Keio set10IT033 #586 (gMed=1 rho12=0.458)
LB Aerobic with Azlocillin 0.000125 mM
Second Half
First Half
−2
0
2
4
6
8
10

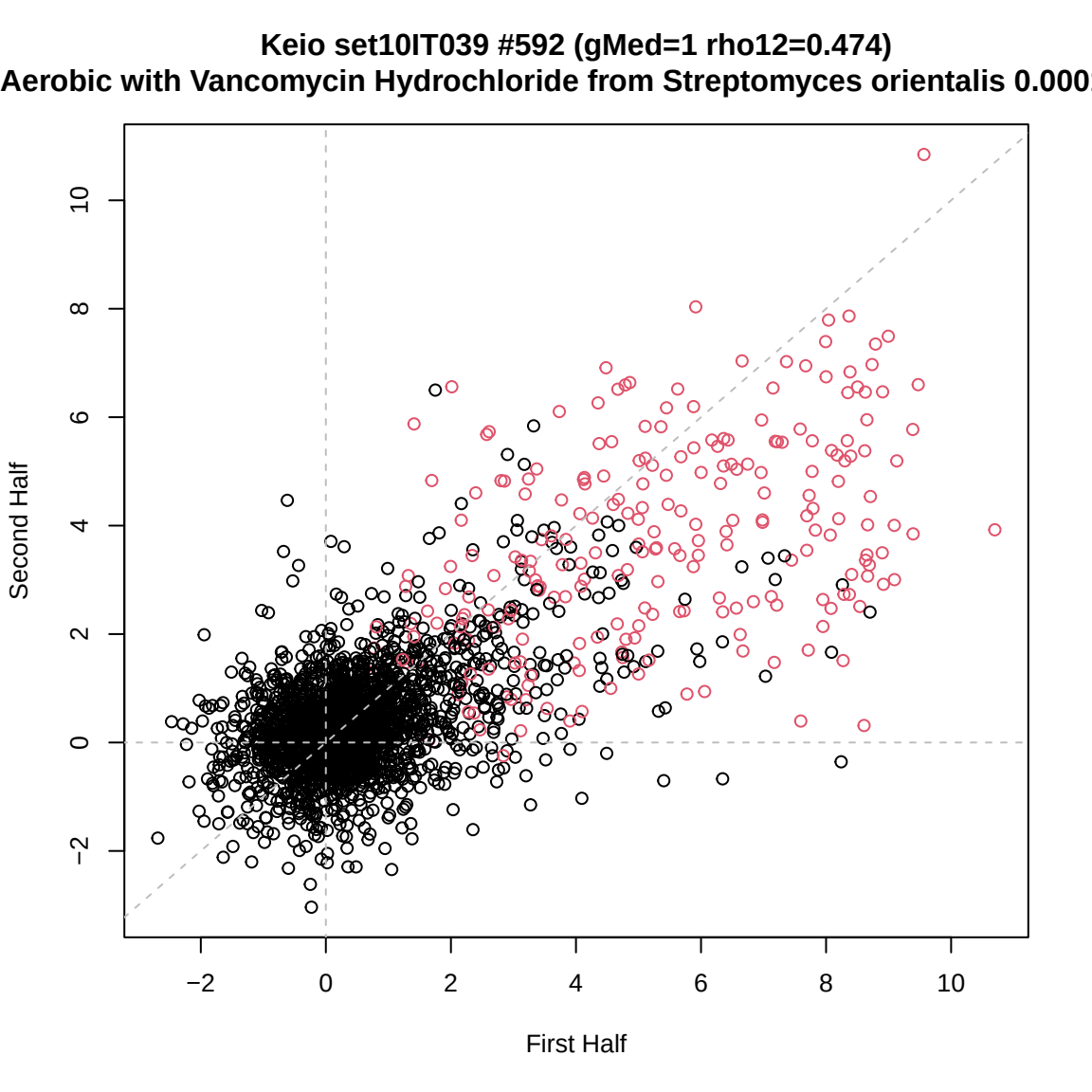

Keio set10IT034 #587 (gMed=20 rho12=0.478)
LB Aerobic with Azlocillin 0.0000625 mM
Second Half
First Half
0
5
10
0
5
10

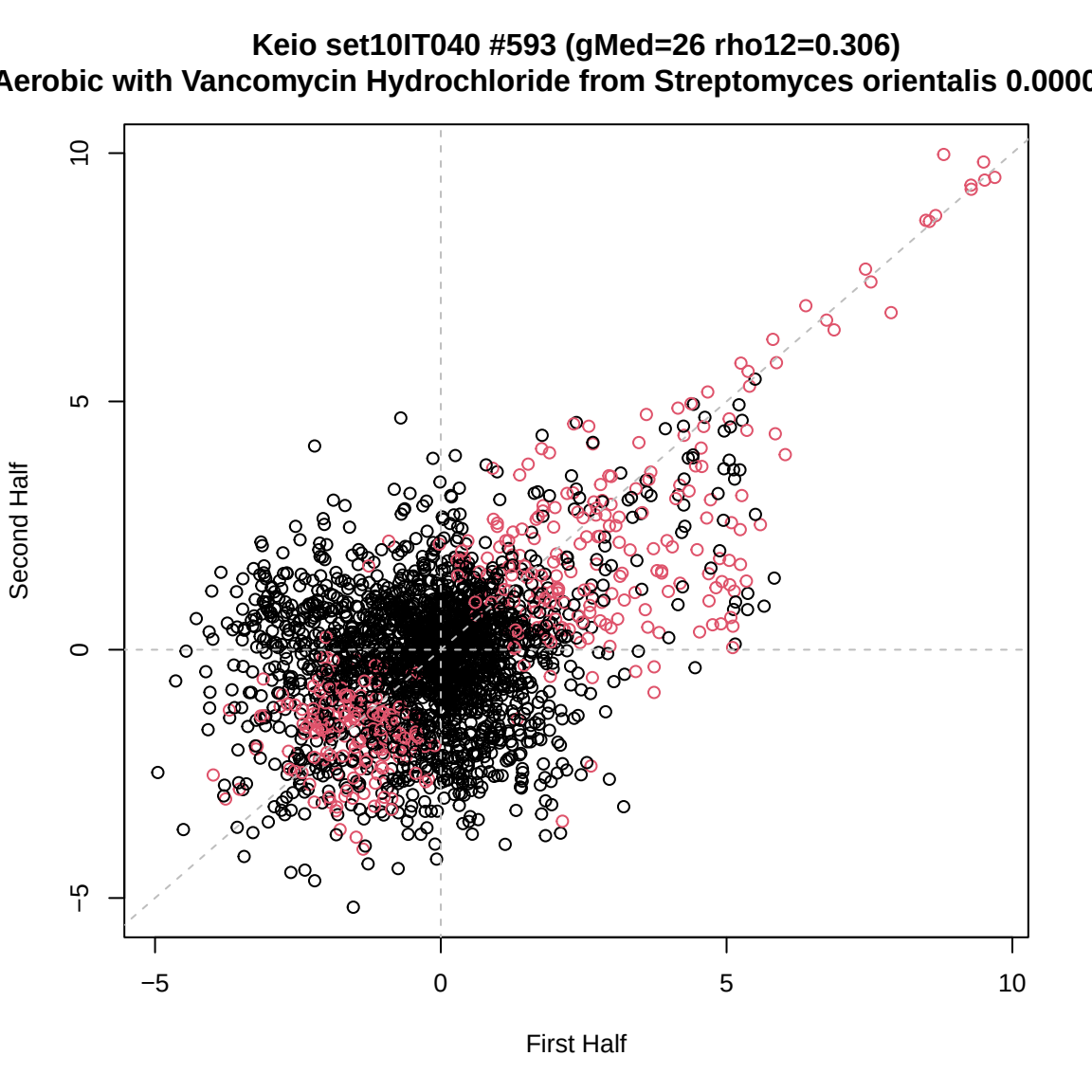

Keio set10IT035 #588 (gMed=1 rho12=0.283)
LB Aerobic with Nalidixic 0.00003125 mM
Second Half
First Half
−2
0
2
4
6
8
10
−2
0
2
4

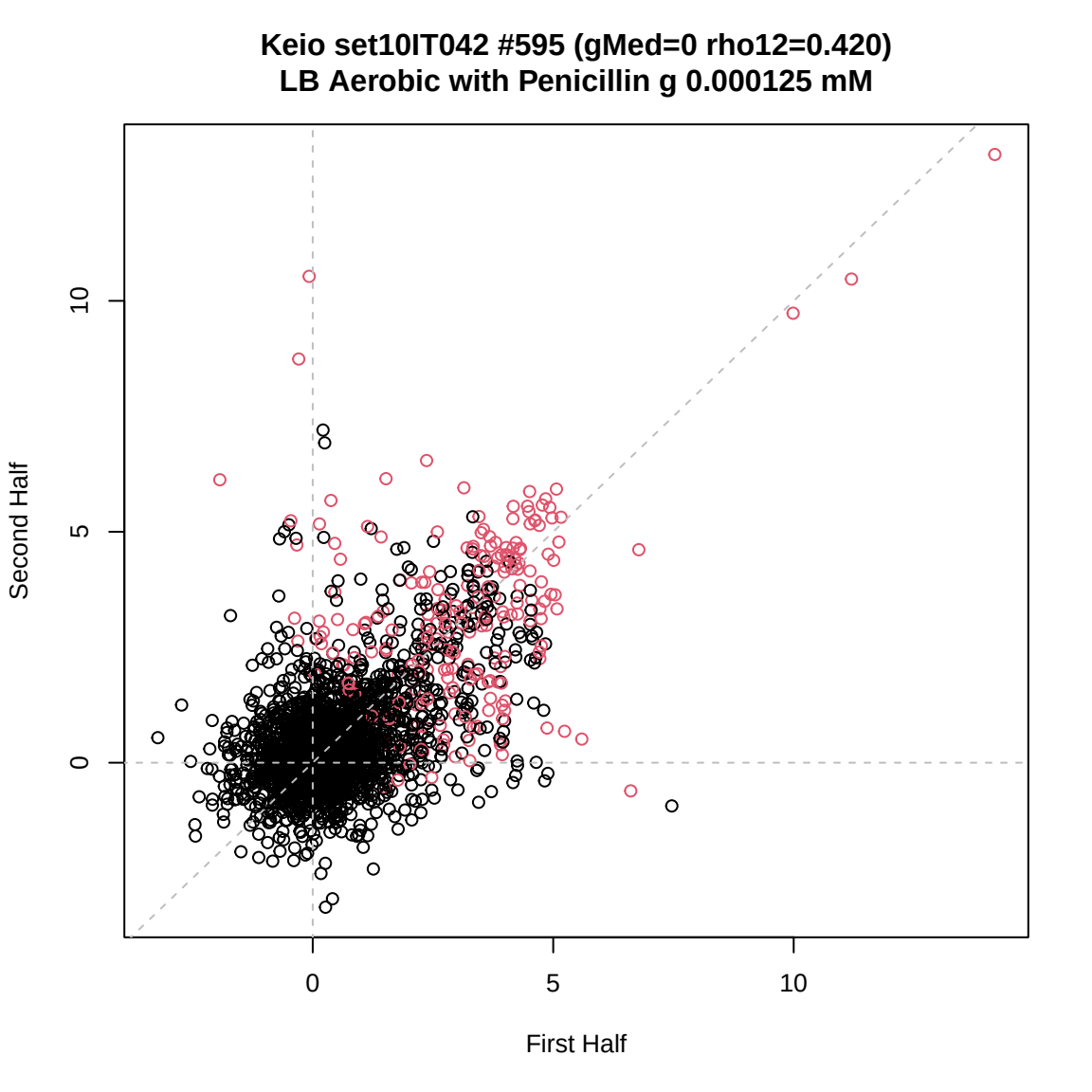

Keio set10IT036 #589 (gMed=31 rho12=0.366)
LB Aerobic with Nalidixic 0.000015625 mM
Second Half
First Half
0
5
10
0
5
10

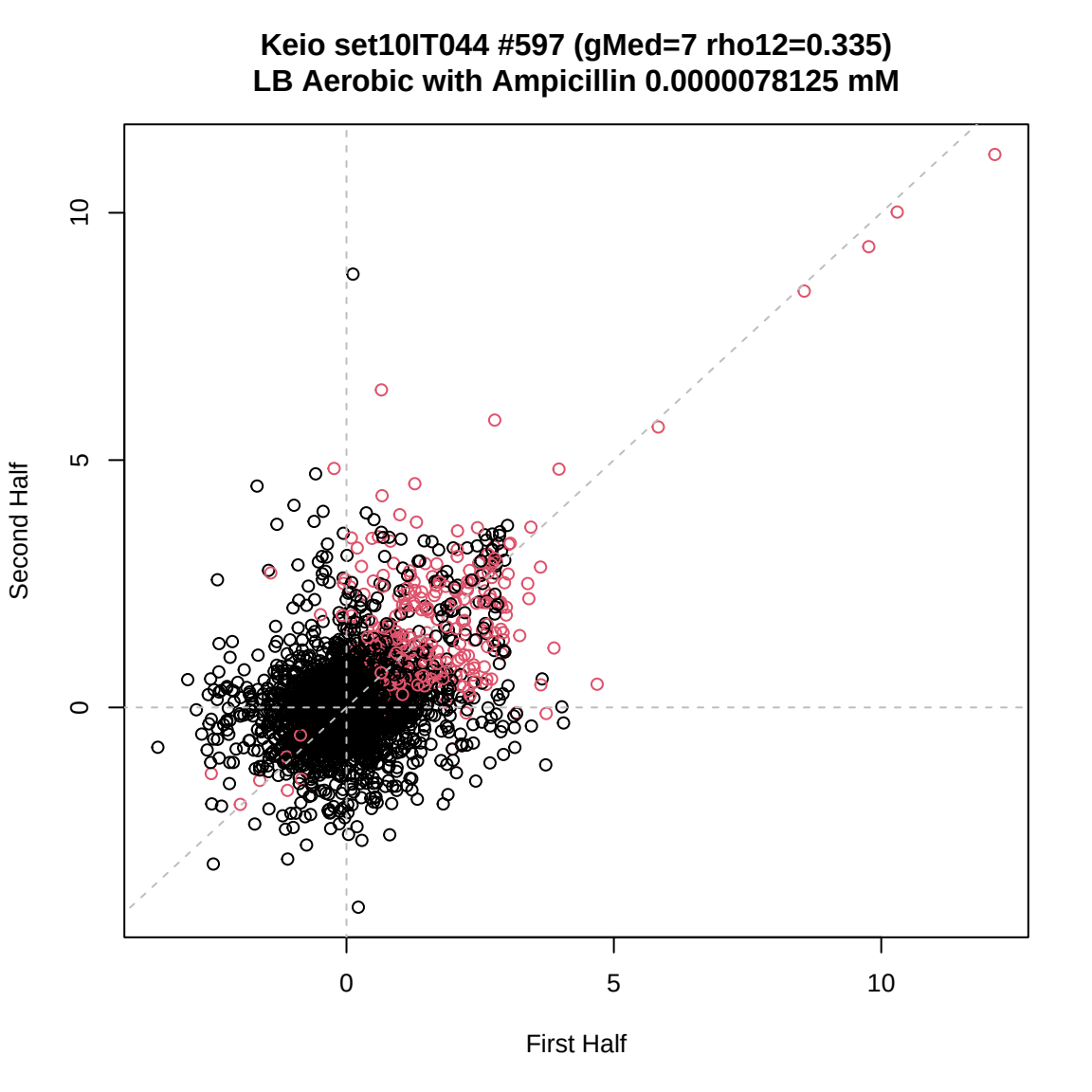

Keio set10IT037 #590 (gMed=127 rho12=0.178)
LB Aerobic with Sulfamonomethoxine 0.00025 mM
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

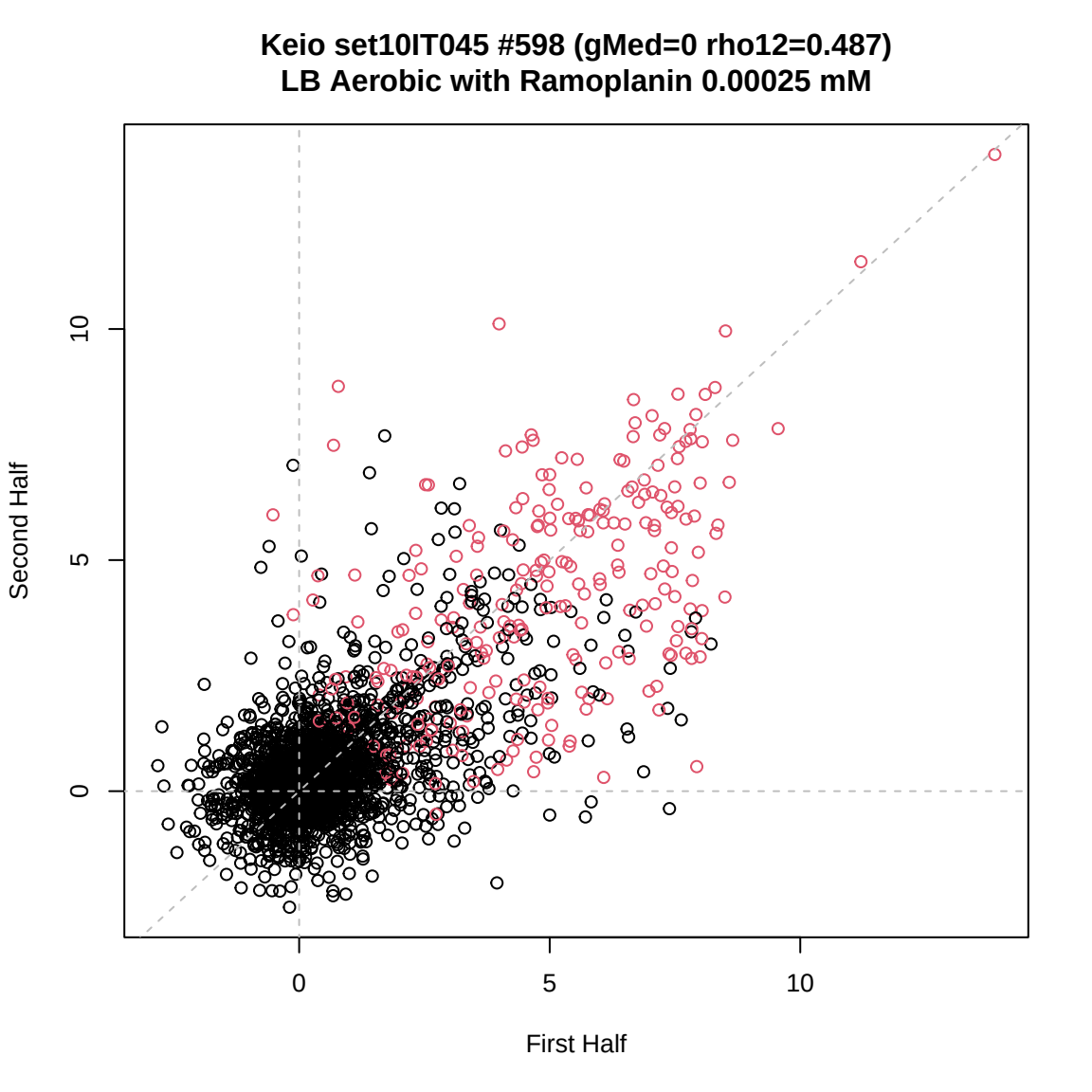

Keio set10IT038 #591 (gMed=140 rho12=0.189)
LB Aerobic with Sulfamonomethoxine 0.000125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

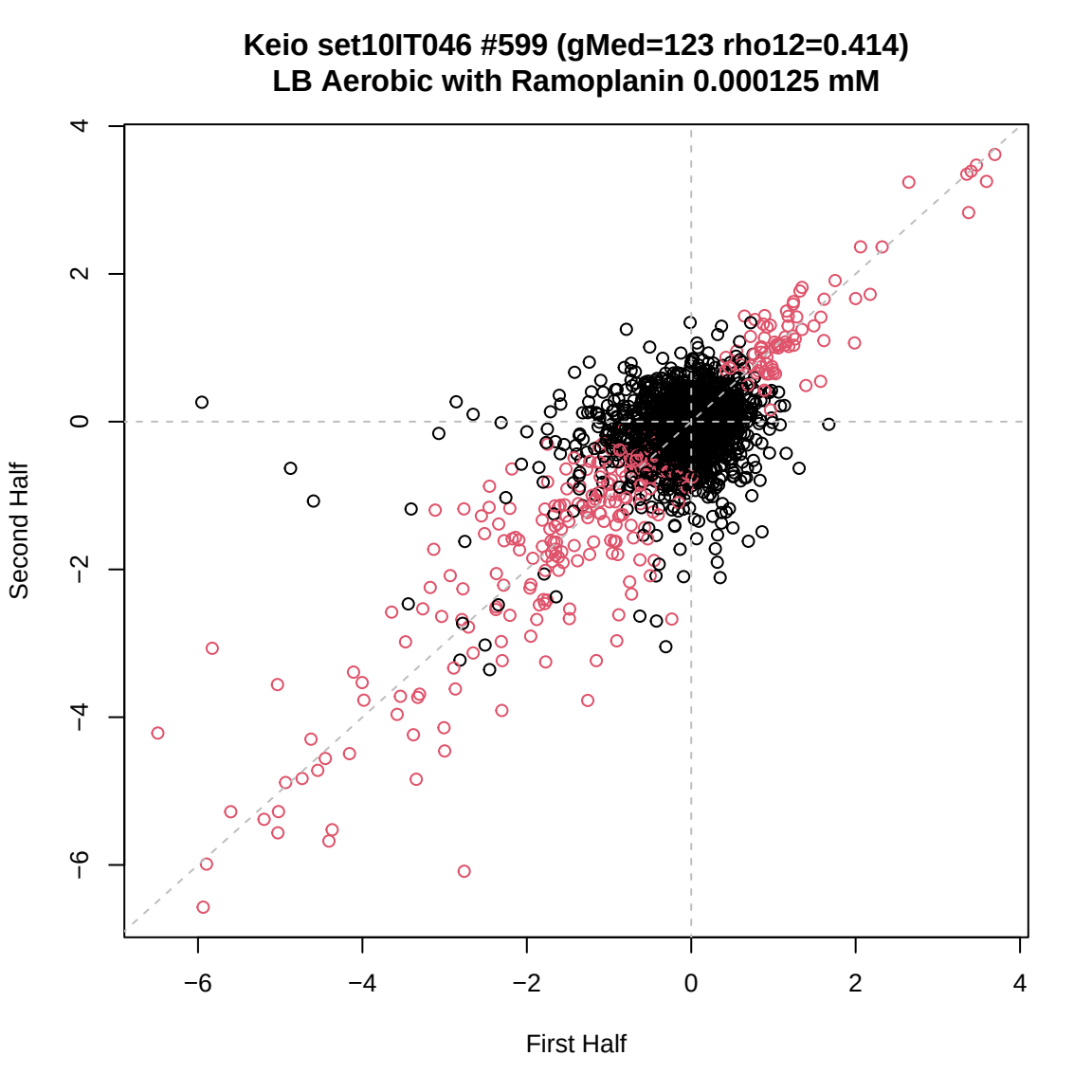

Keio set10IT039 #592 (gMed=1 rho12=0.474)
Aerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.000
Second Half
First Half
−2
0
2
4
6
8
10

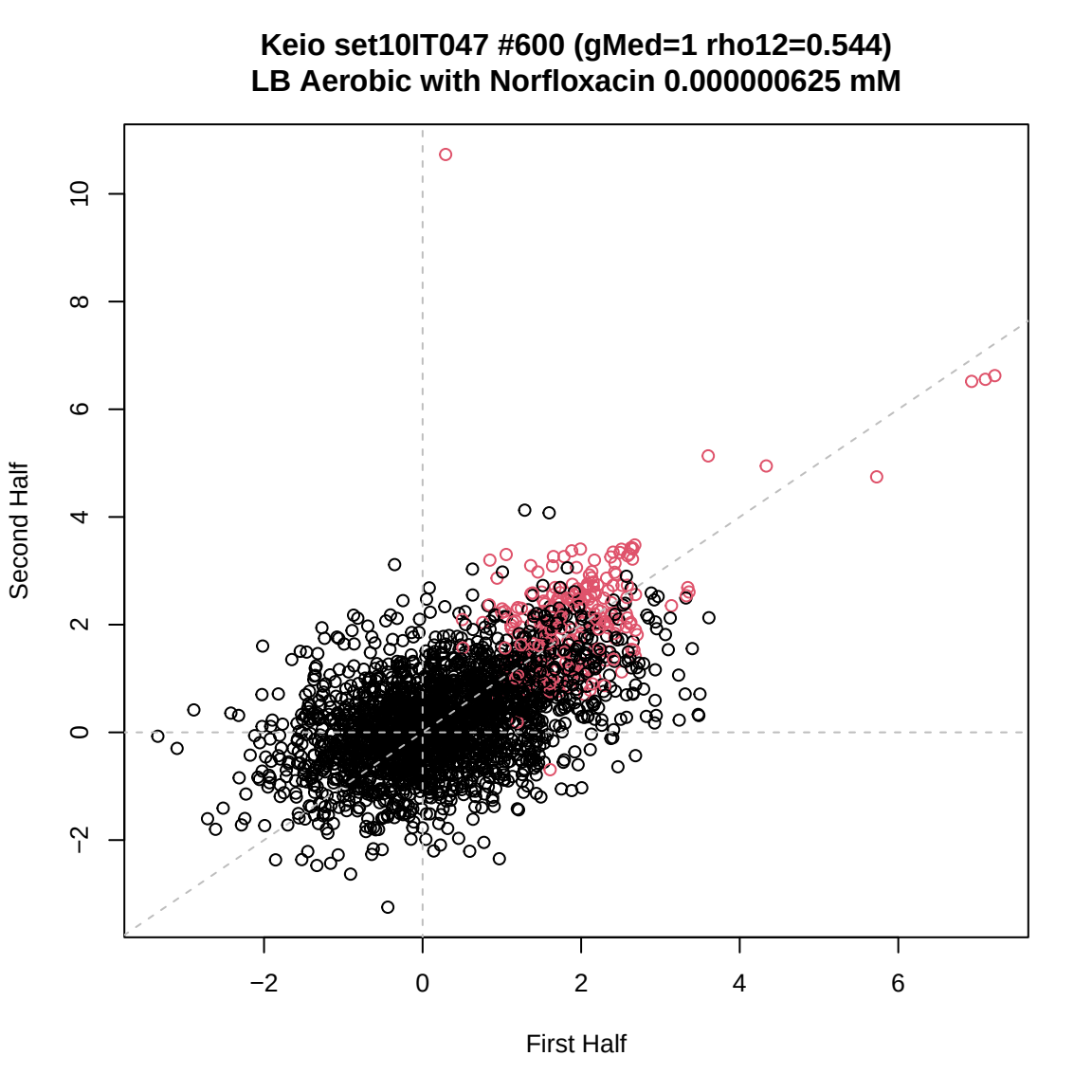

Keio set10IT040 #593 (gMed=26 rho12=0.306)
Aerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.0000
Second Half
First Half
10
5
0
−5
−5
0
5
10

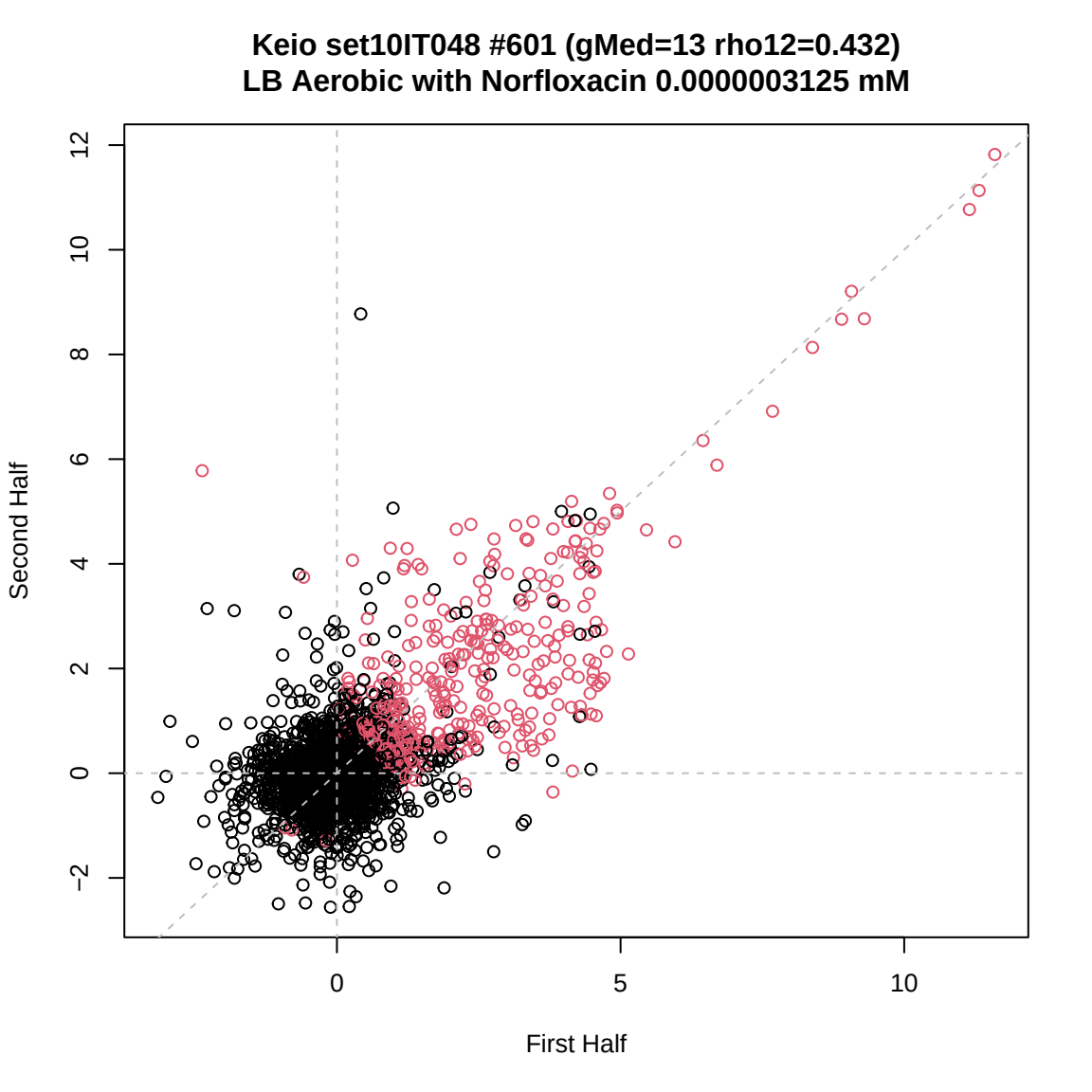

Keio set10IT042 #595 (gMed=0 rho12=0.420)
LB Aerobic with Penicillin g 0.000125 mM
Second Half
First Half
0
5
10
0
5
10

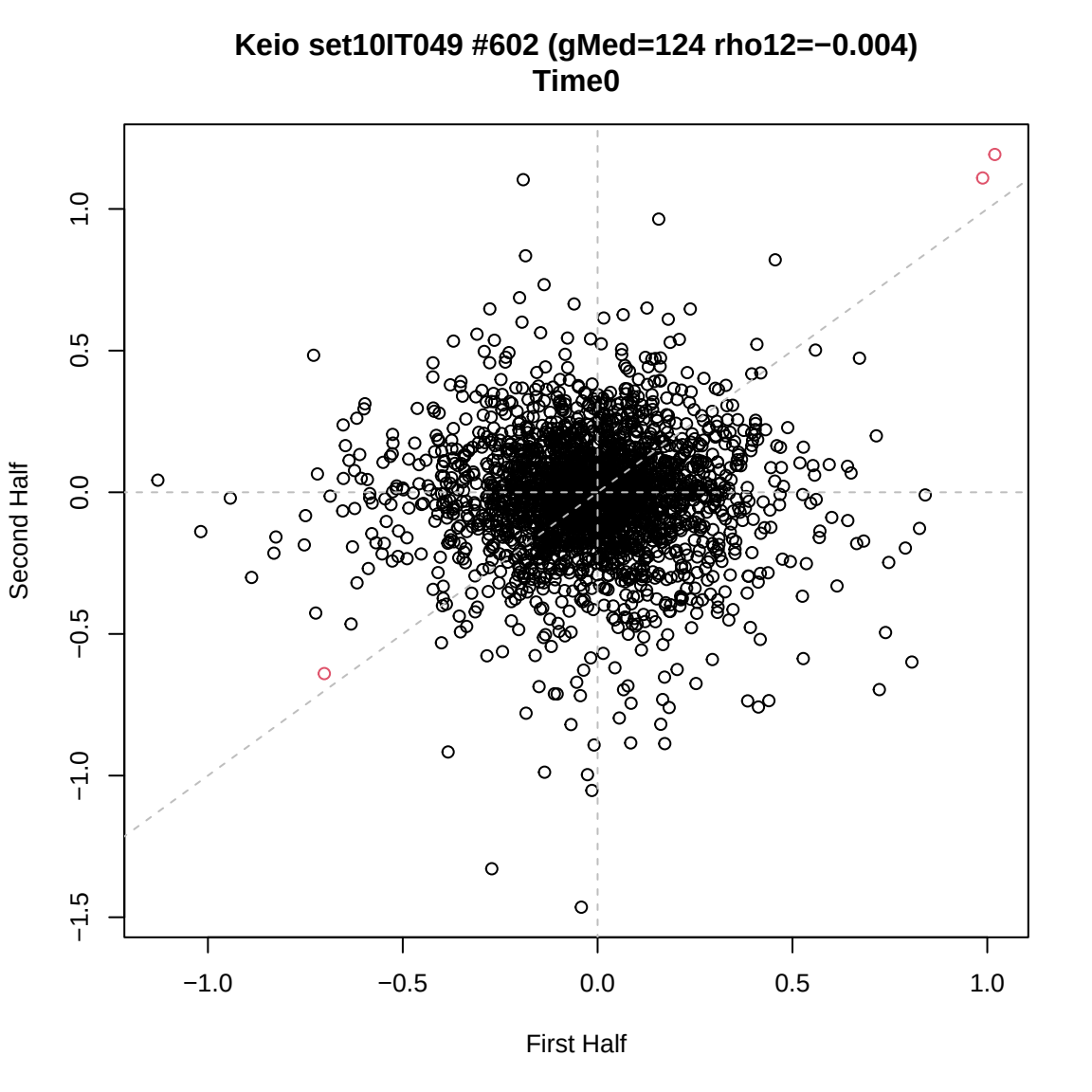

Keio set10IT044 #597 (gMed=7 rho12=0.335)
LB Aerobic with Ampicillin 0.0000078125 mM
Second Half
First Half
0
5
10
0
5
10

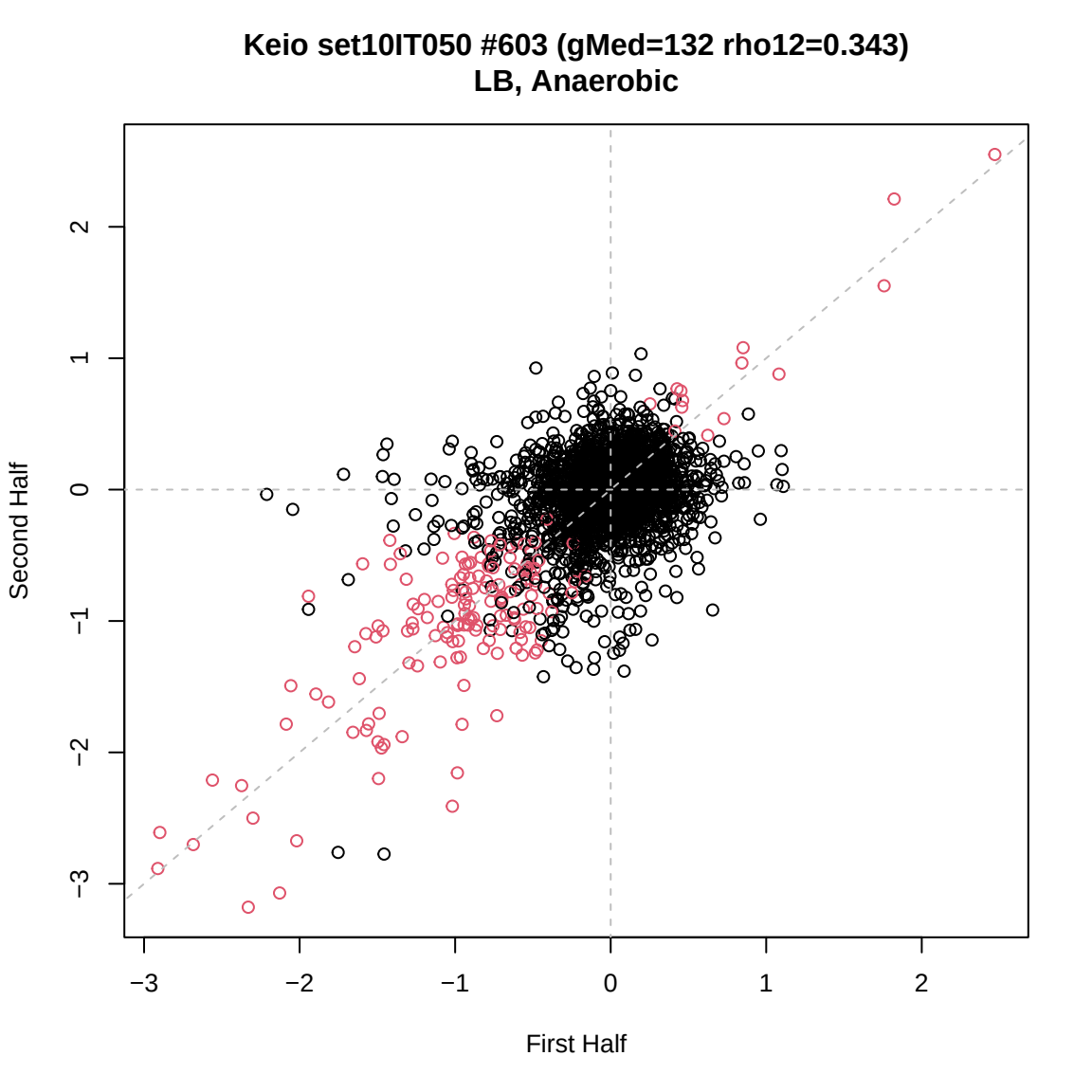

Keio set10IT045 #598 (gMed=0 rho12=0.487)
LB Aerobic with Ramoplanin 0.00025 mM
Second Half
First Half
0
5
10
0
5
10

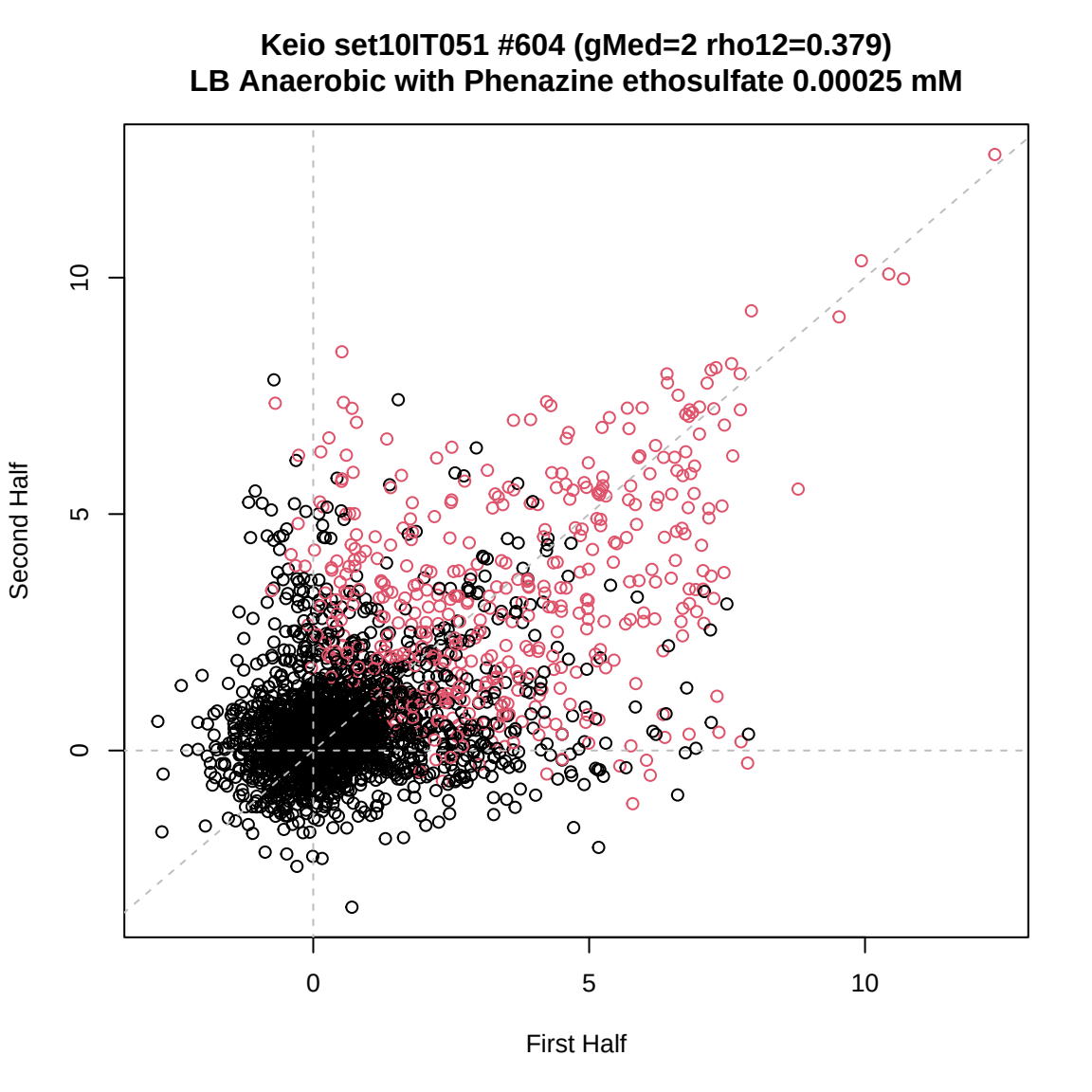

Keio set10IT046 #599 (gMed=123 rho12=0.414)
LB Aerobic with Ramoplanin 0.000125 mM
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

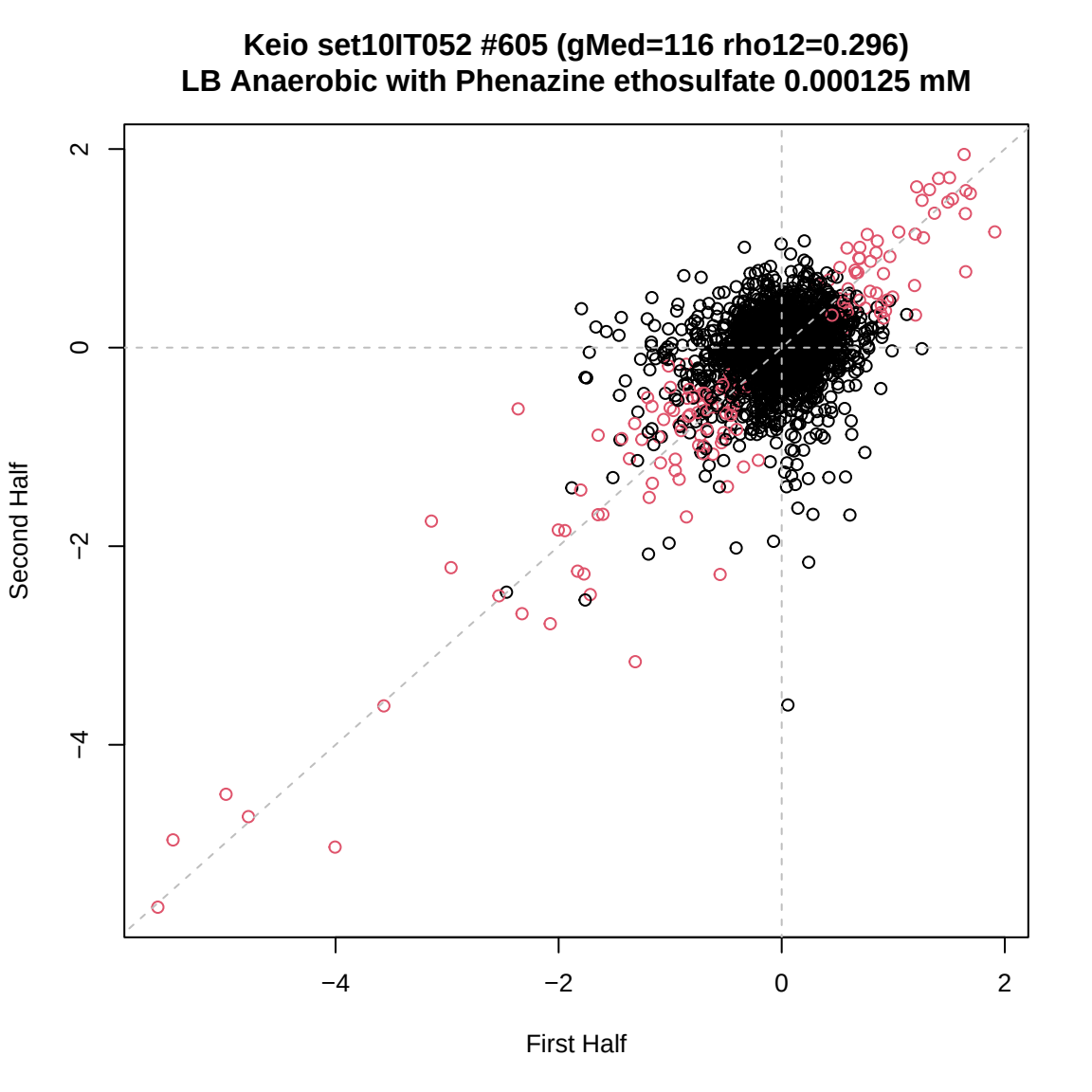

Keio set10IT047 #600 (gMed=1 rho12=0.544)
LB Aerobic with Norfloxacin 0.000000625 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6

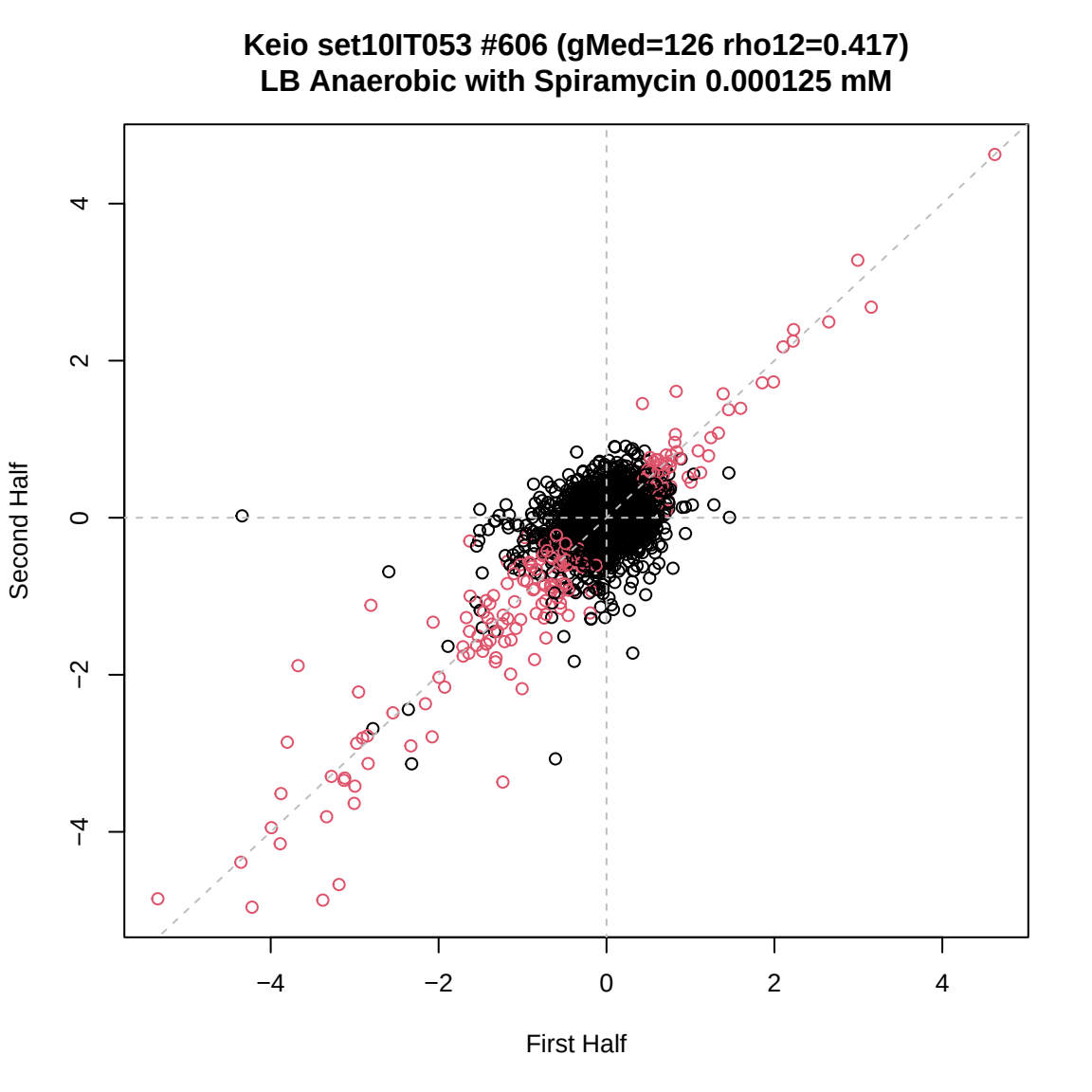

Keio set10IT048 #601 (gMed=13 rho12=0.432)
LB Aerobic with Norfloxacin 0.0000003125 mM
Second Half
First Half
12
10
8
6
4
2
0
−2
0
5
10

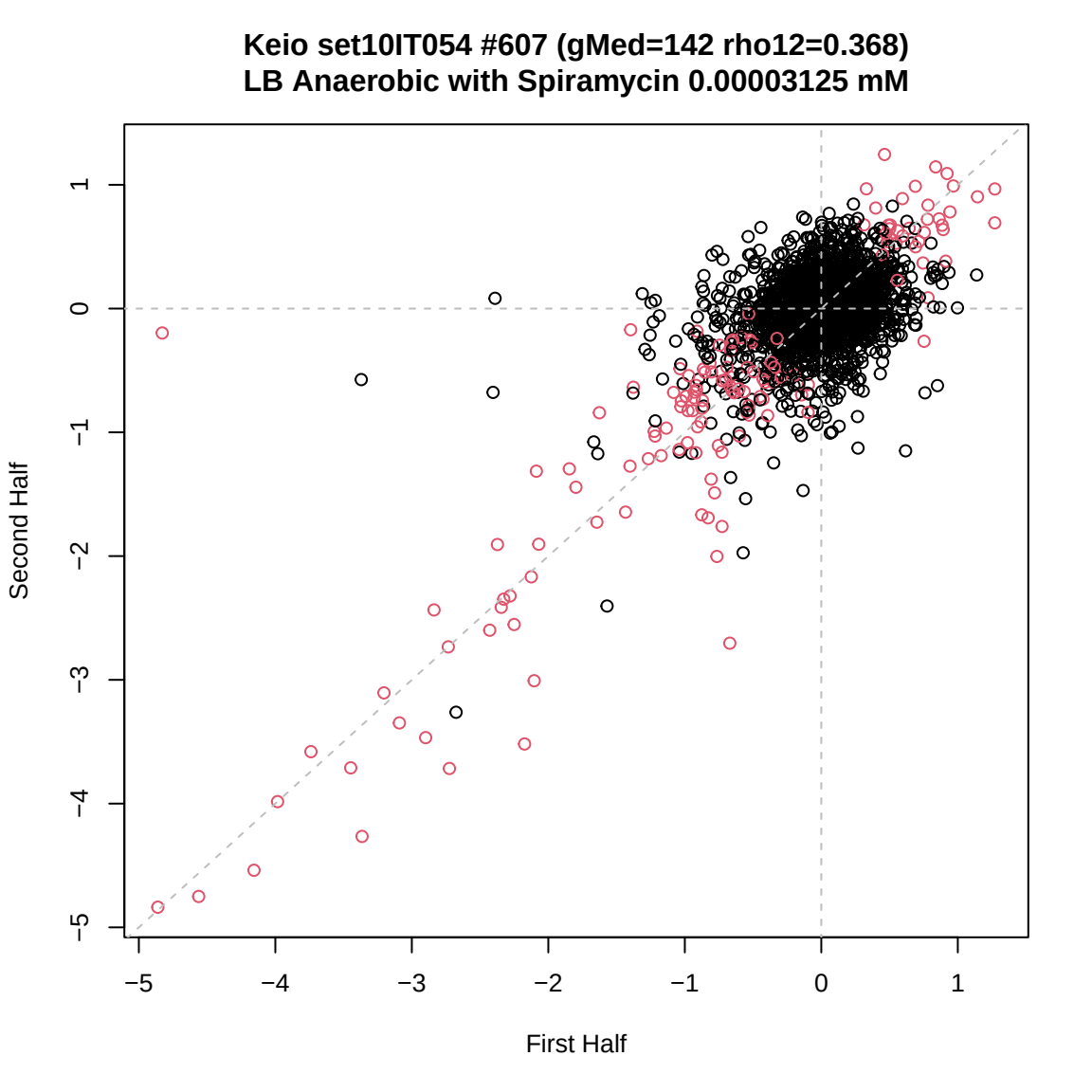

Keio set10IT049 #602 (gMed=124 rho12=−0.004)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

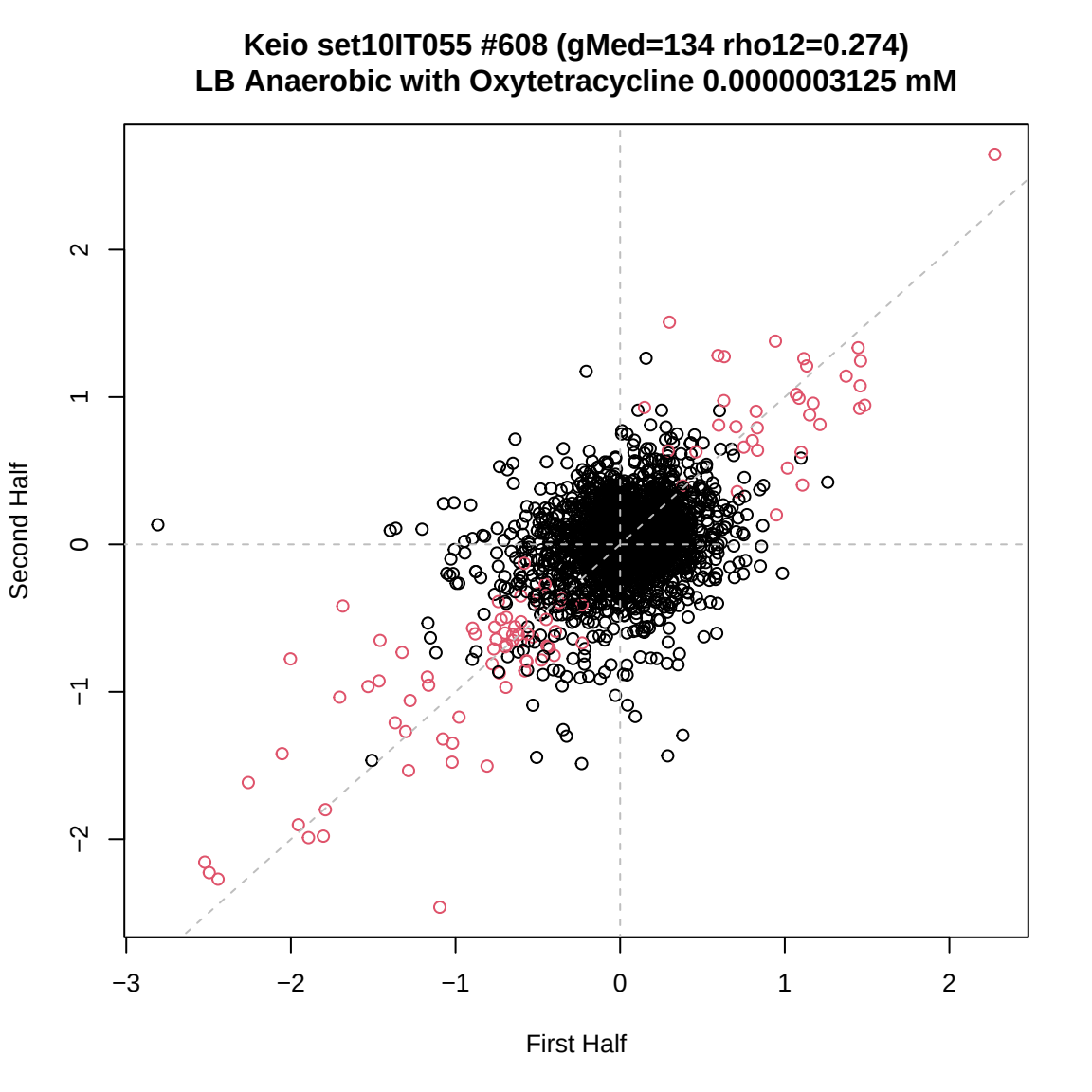

Keio set10IT050 #603 (gMed=132 rho12=0.343)
LB, Anaerobic
Second Half
First Half
−3
−2
−1
0
1
2

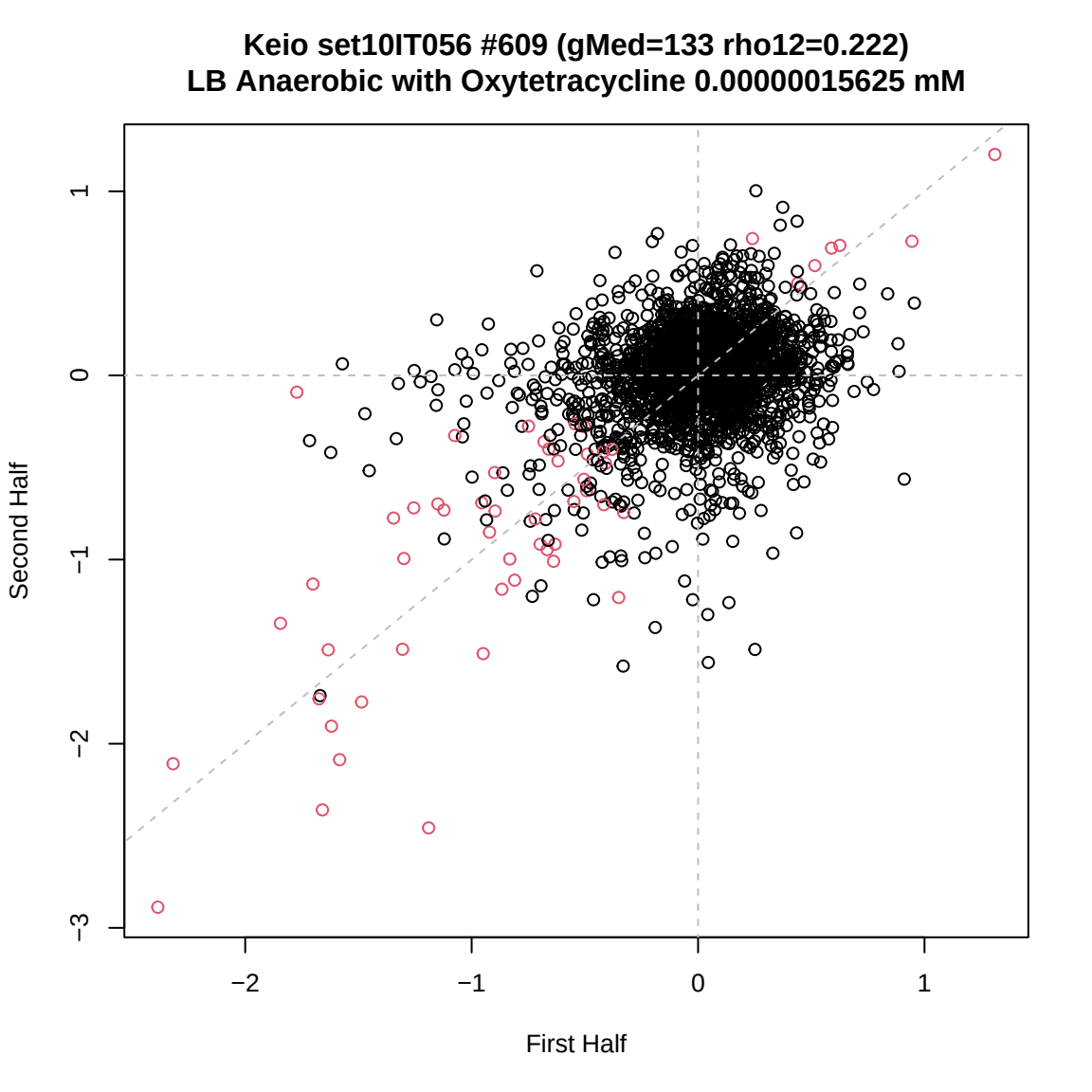

Keio set10IT051 #604 (gMed=2 rho12=0.379)
LB Anaerobic with Phenazine ethosulfate 0.00025 mM
Second Half
First Half
0
5
10
0
5
10

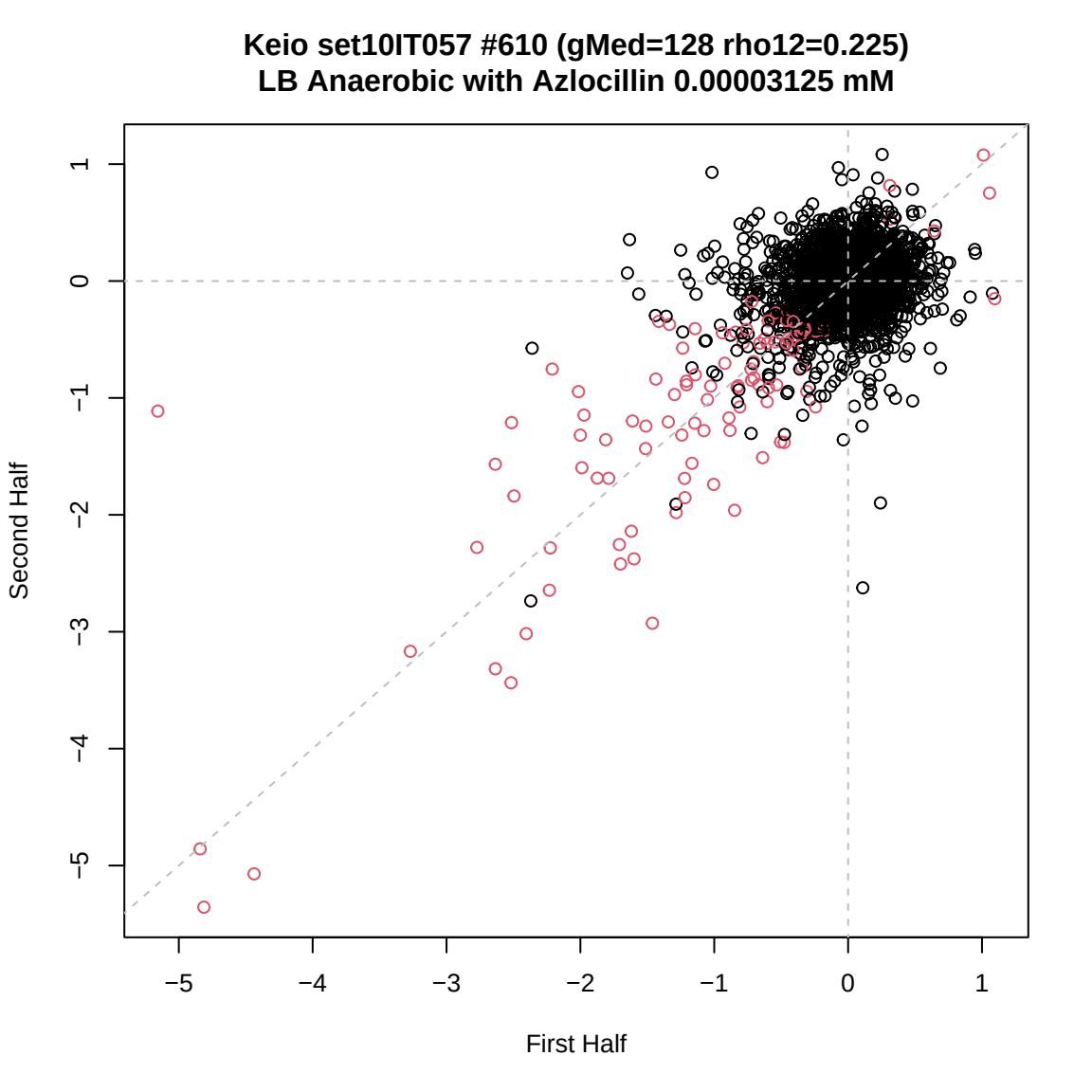

Keio set10IT052 #605 (gMed=116 rho12=0.296)
LB Anaerobic with Phenazine ethosulfate 0.000125 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

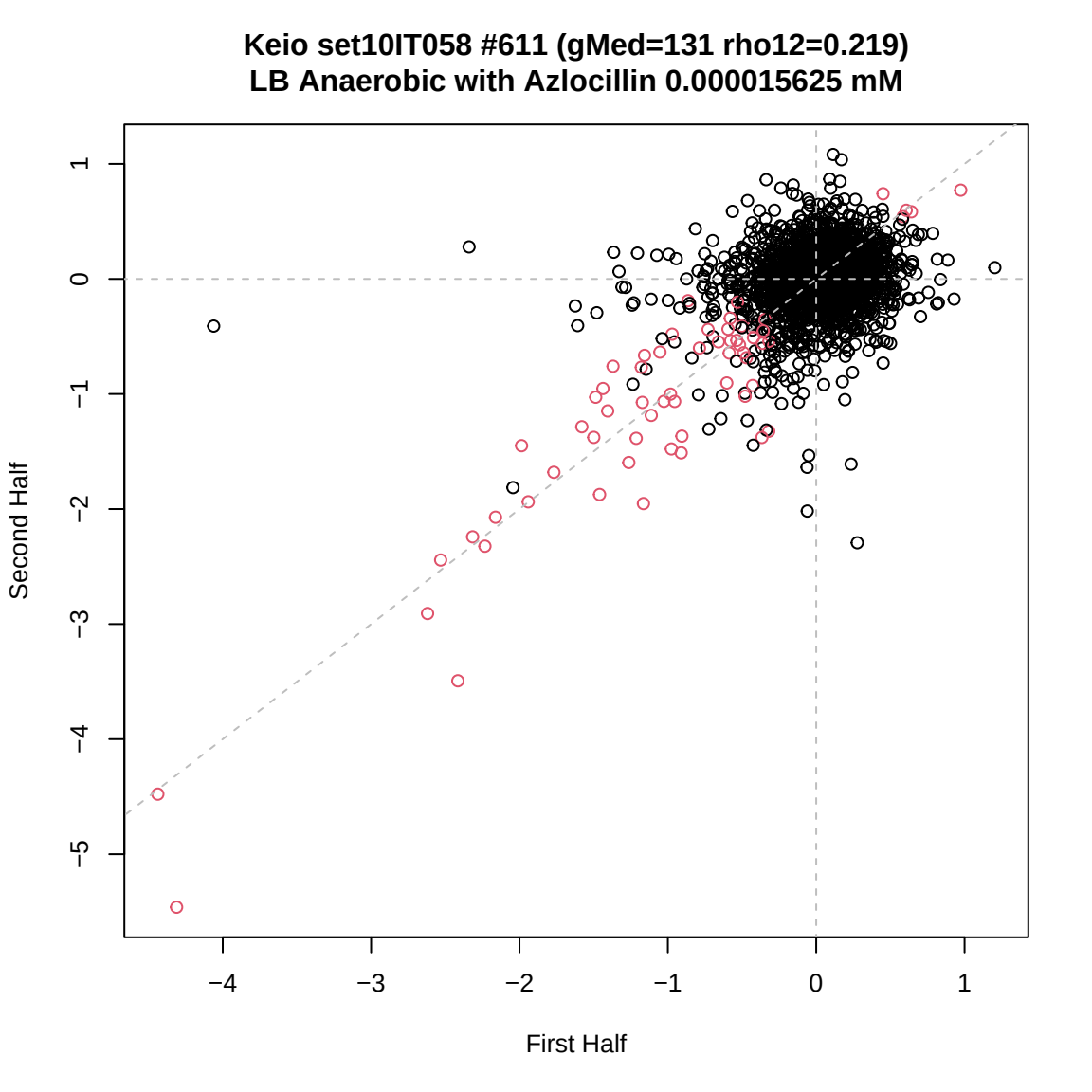

Keio set10IT053 #606 (gMed=126 rho12=0.417)
LB Anaerobic with Spiramycin 0.000125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

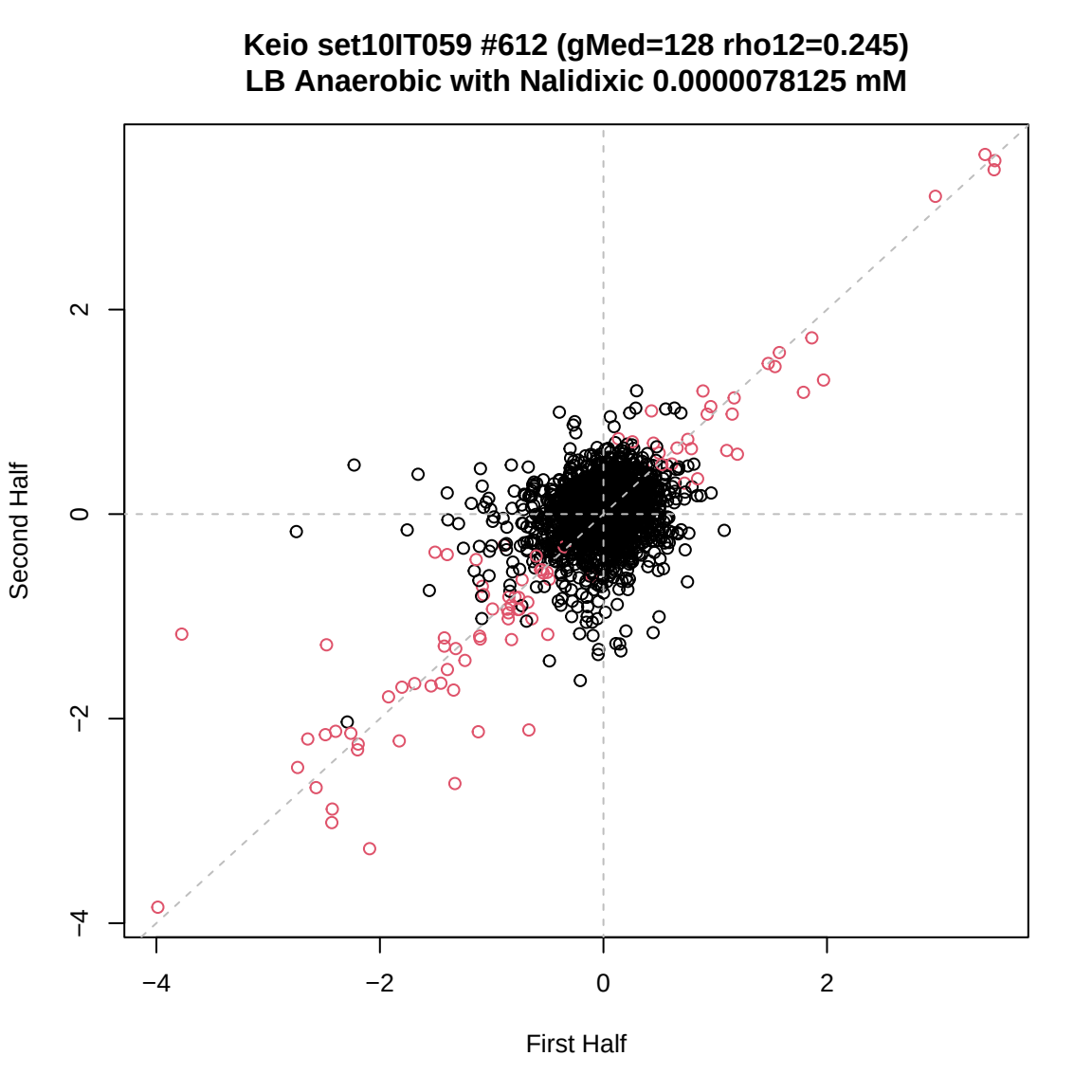

Keio set10IT054 #607 (gMed=142 rho12=0.368)
LB Anaerobic with Spiramycin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

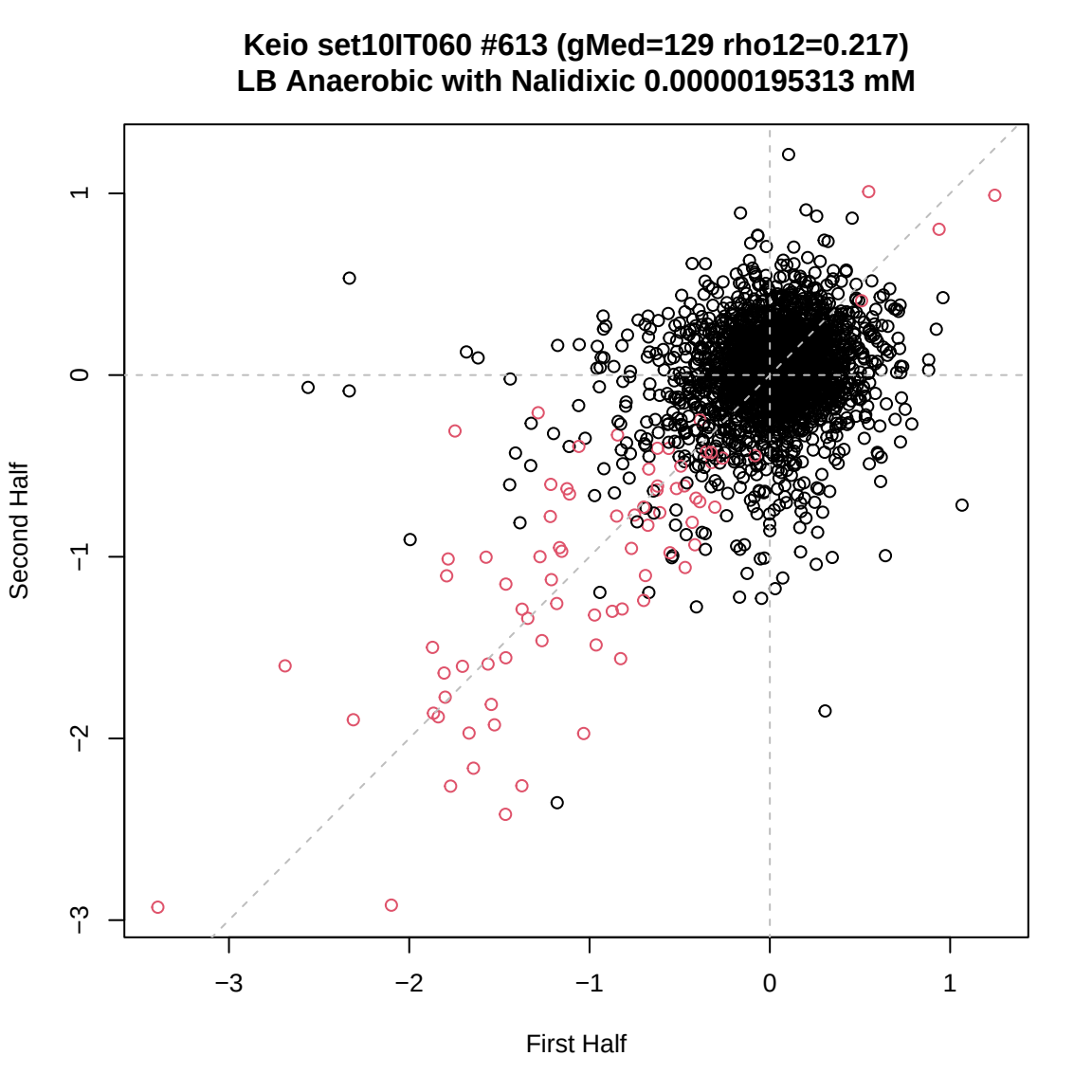

Keio set10IT055 #608 (gMed=134 rho12=0.274)
LB Anaerobic with Oxytetracycline 0.0000003125 mM
Second Half
First Half
−3
−2
−1
0
1
2

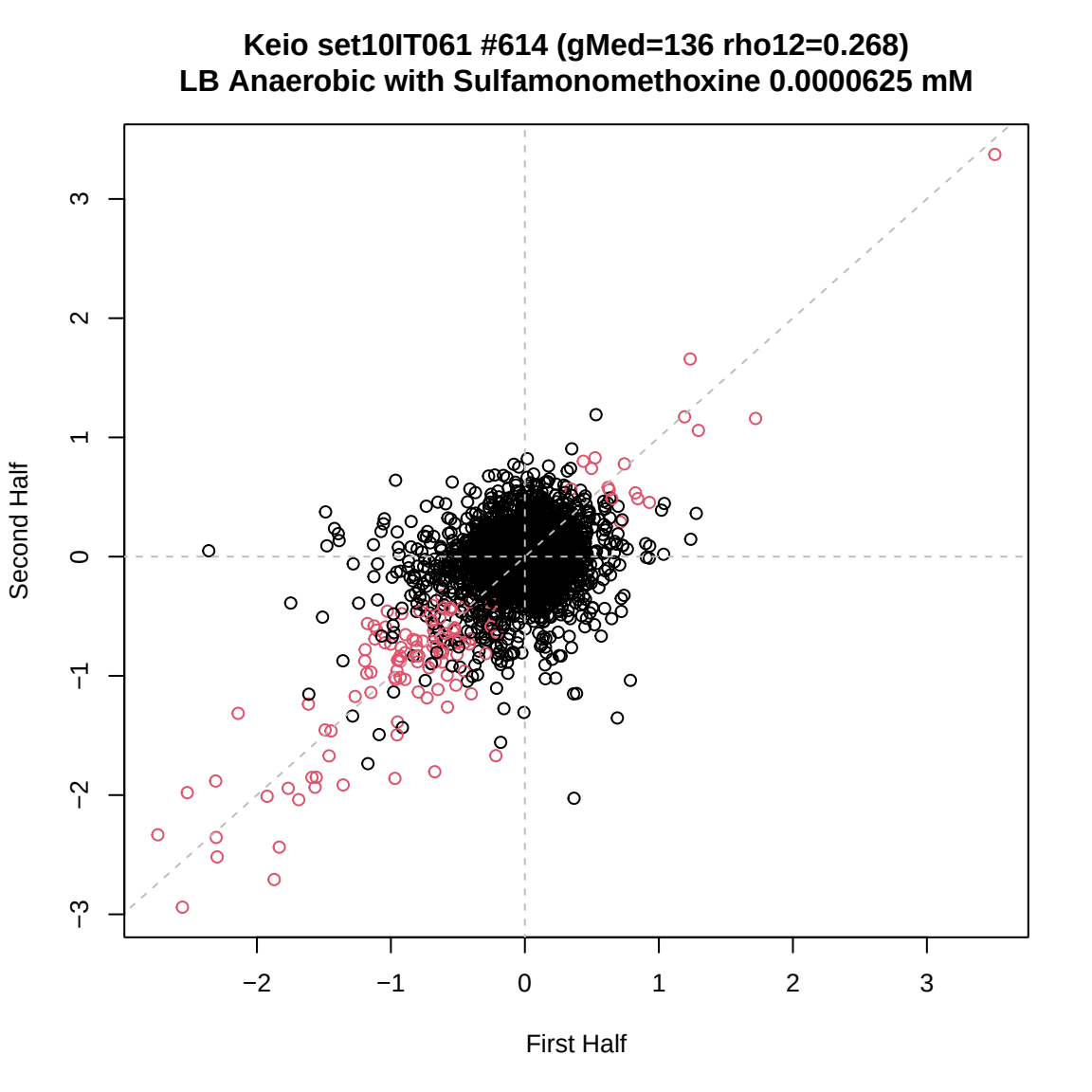

Keio set10IT056 #609 (gMed=133 rho12=0.222)
LB Anaerobic with Oxytetracycline 0.00000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

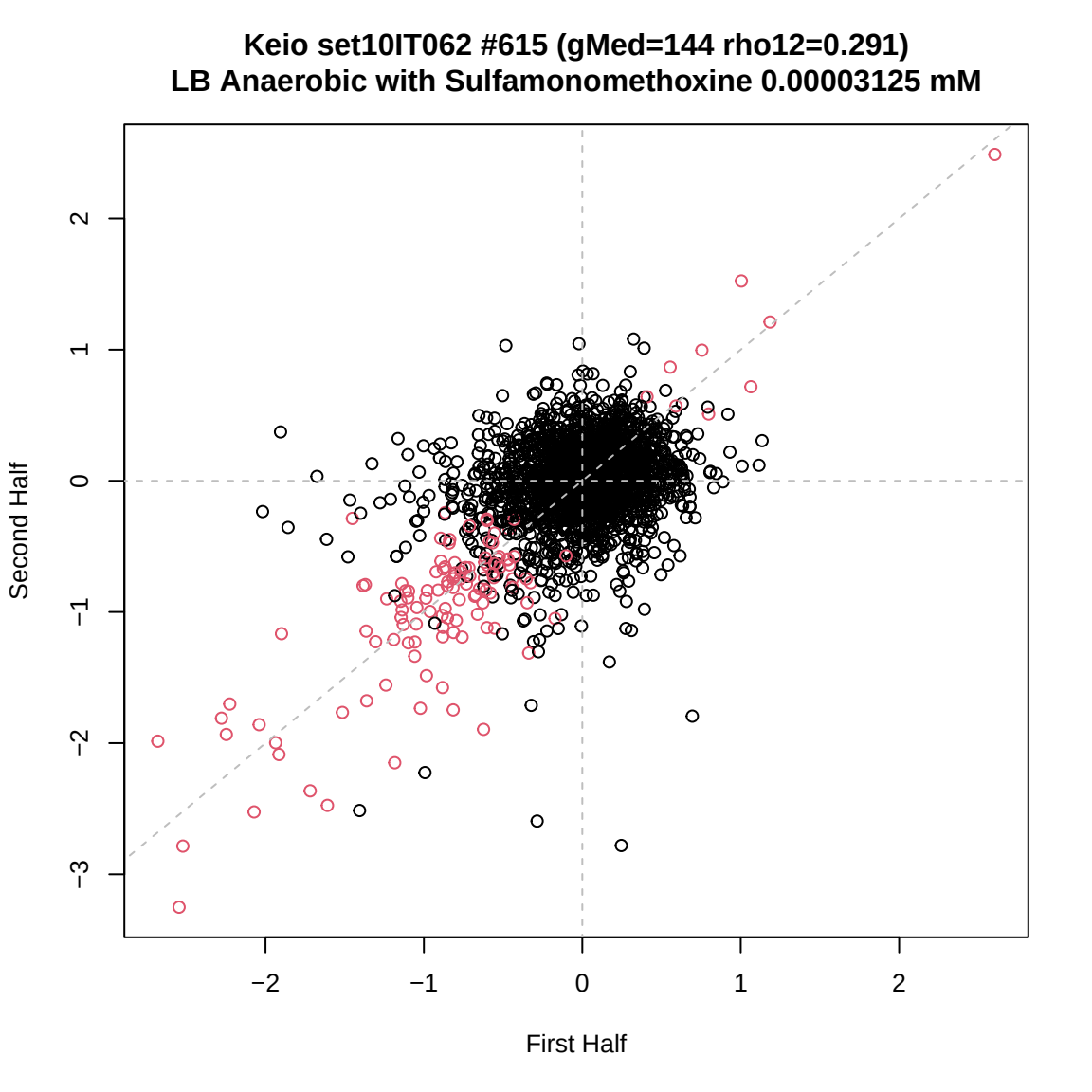

Keio set10IT057 #610 (gMed=128 rho12=0.225)
LB Anaerobic with Azlocillin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

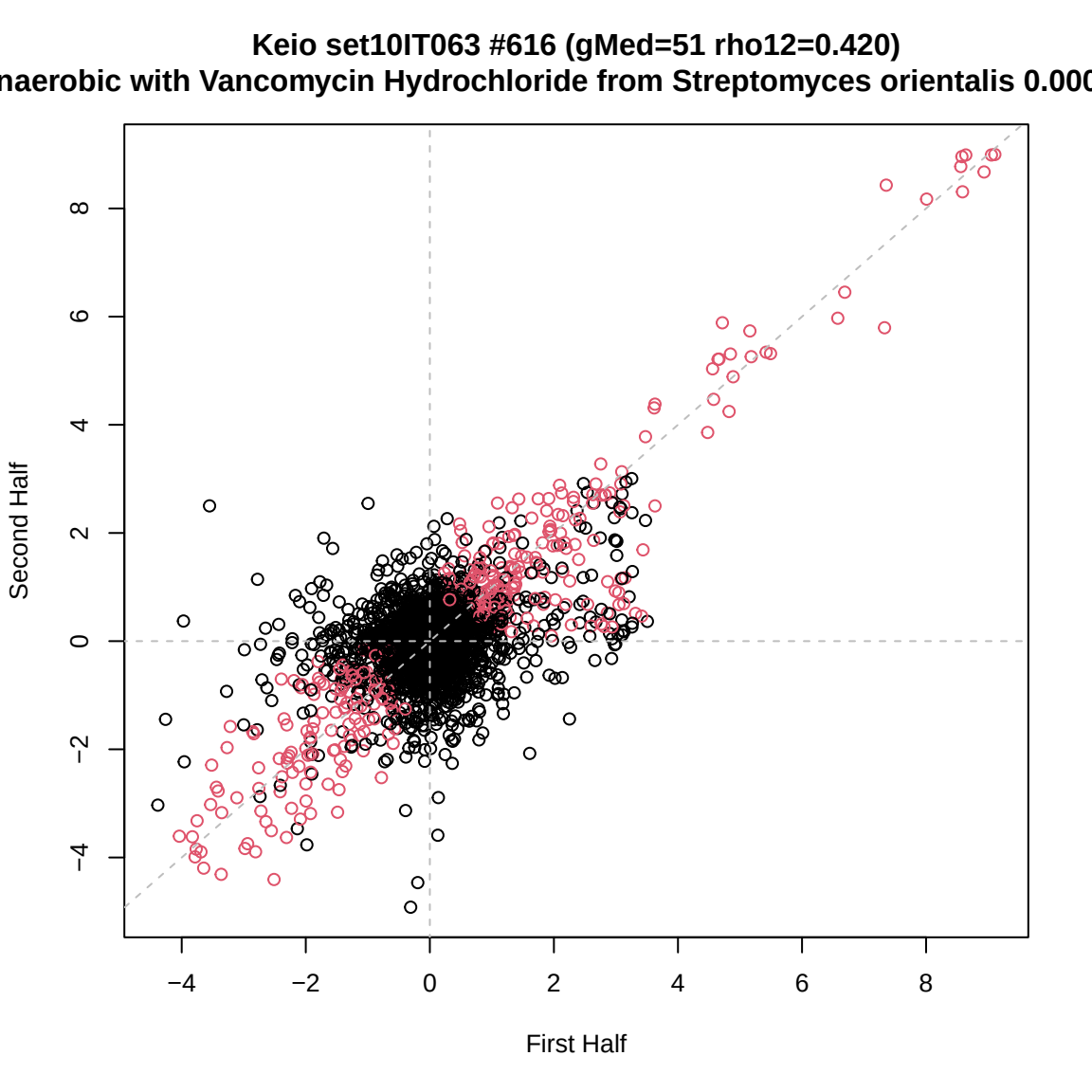

Keio set10IT058 #611 (gMed=131 rho12=0.219)
LB Anaerobic with Azlocillin 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

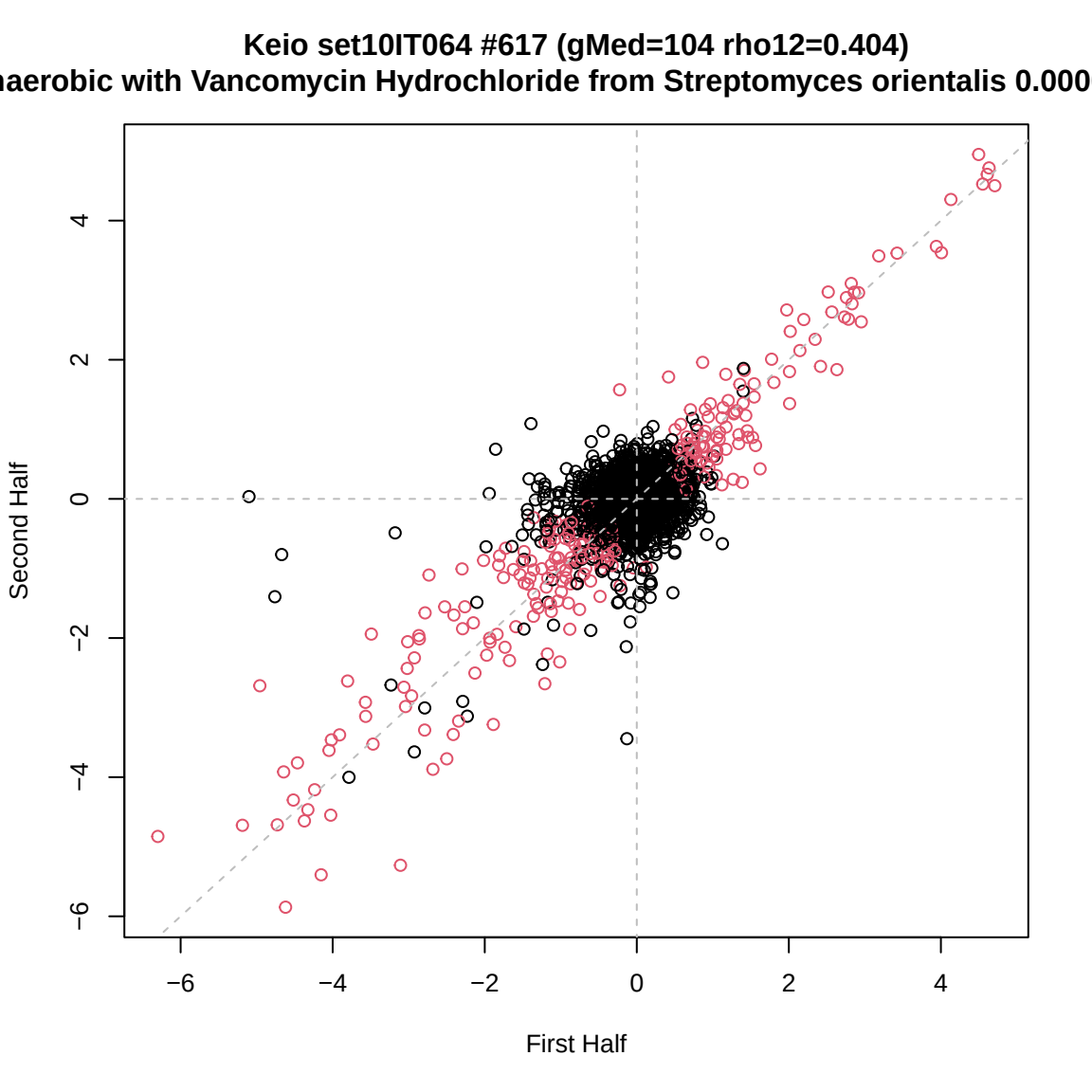

Keio set10IT059 #612 (gMed=128 rho12=0.245)
LB Anaerobic with Nalidixic 0.0000078125 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

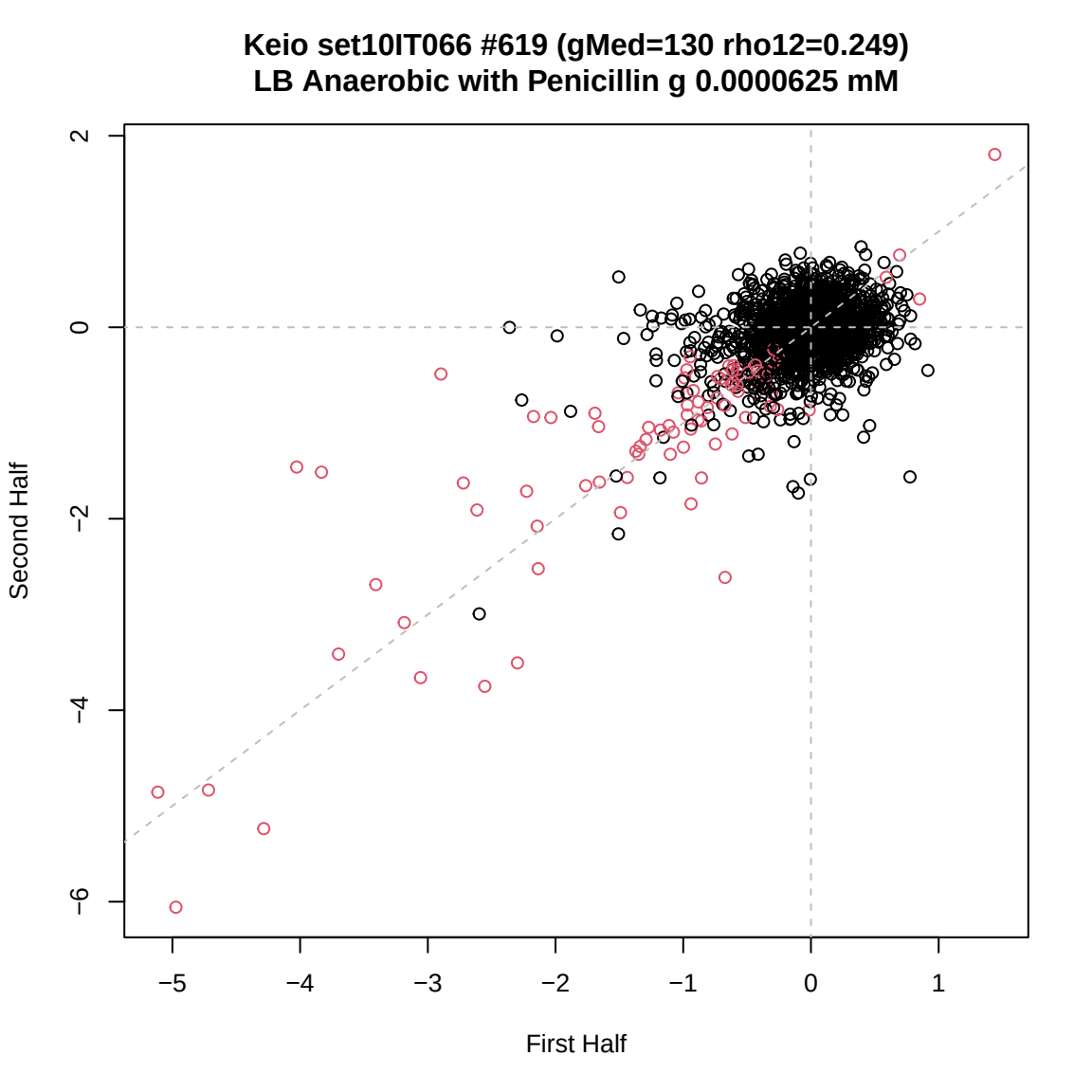

Keio set10IT060 #613 (gMed=129 rho12=0.217)
LB Anaerobic with Nalidixic 0.00000195313 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

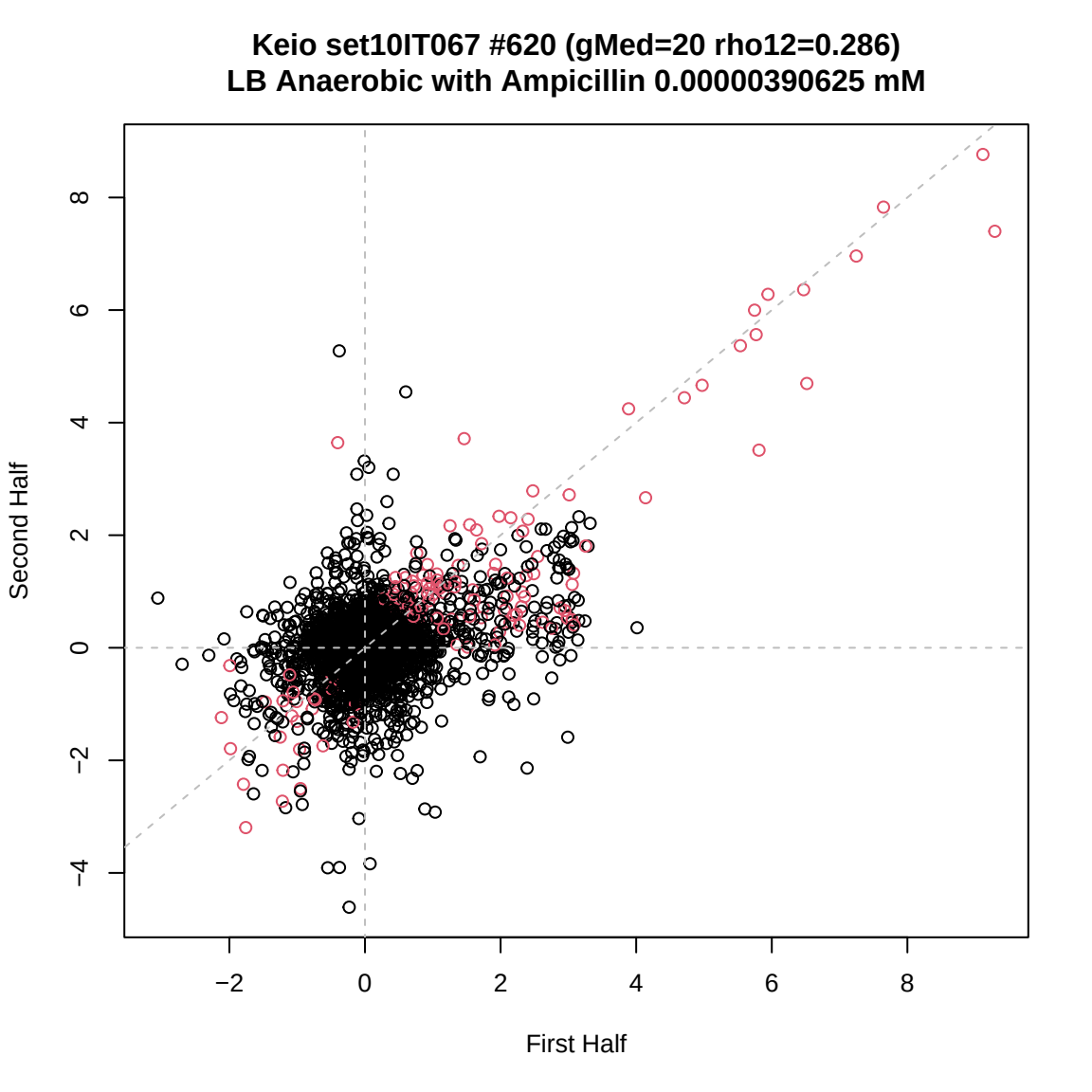

Keio set10IT061 #614 (gMed=136 rho12=0.268)
LB Anaerobic with Sulfamonomethoxine 0.0000625 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

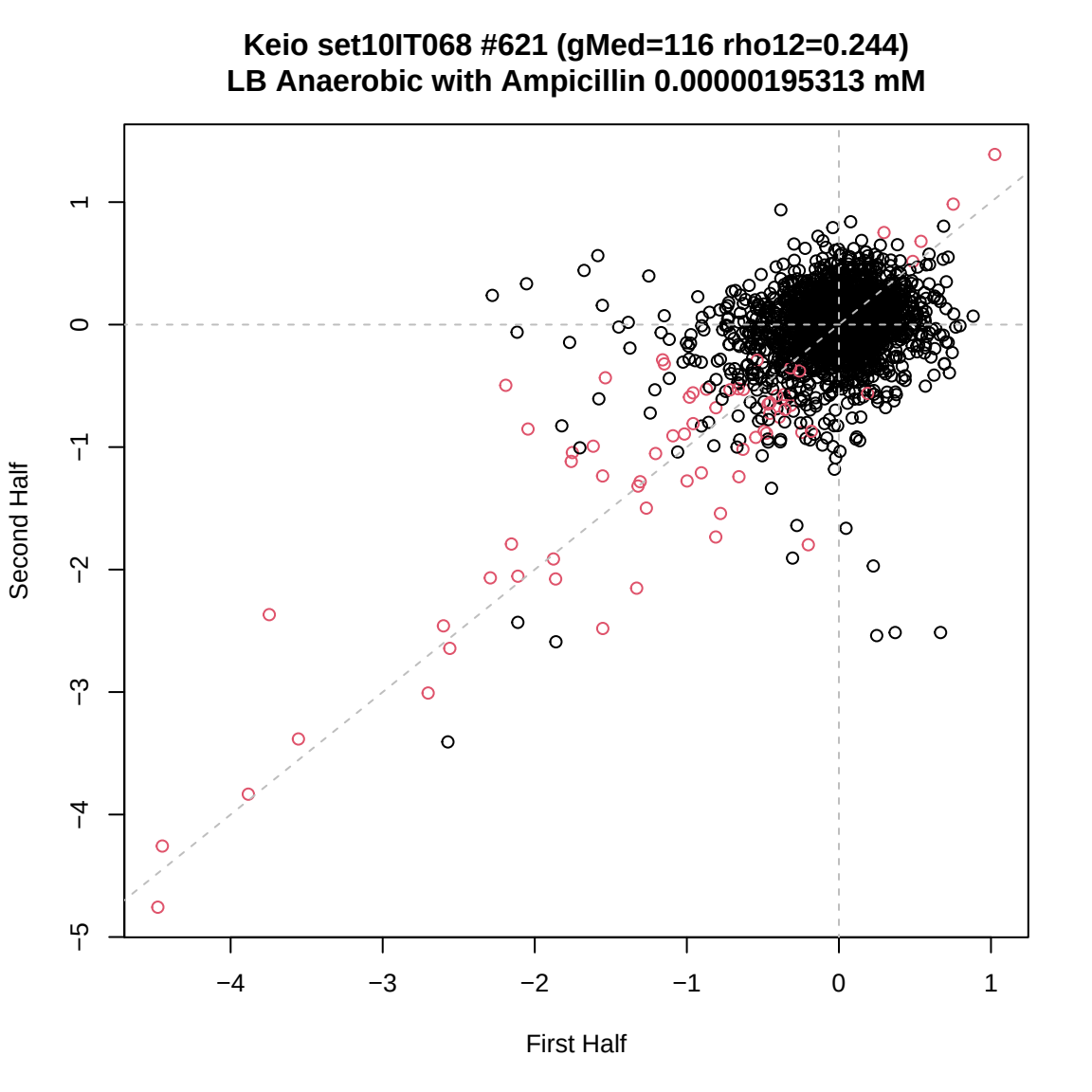

Keio set10IT062 #615 (gMed=144 rho12=0.291)
LB Anaerobic with Sulfamonomethoxine 0.00003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

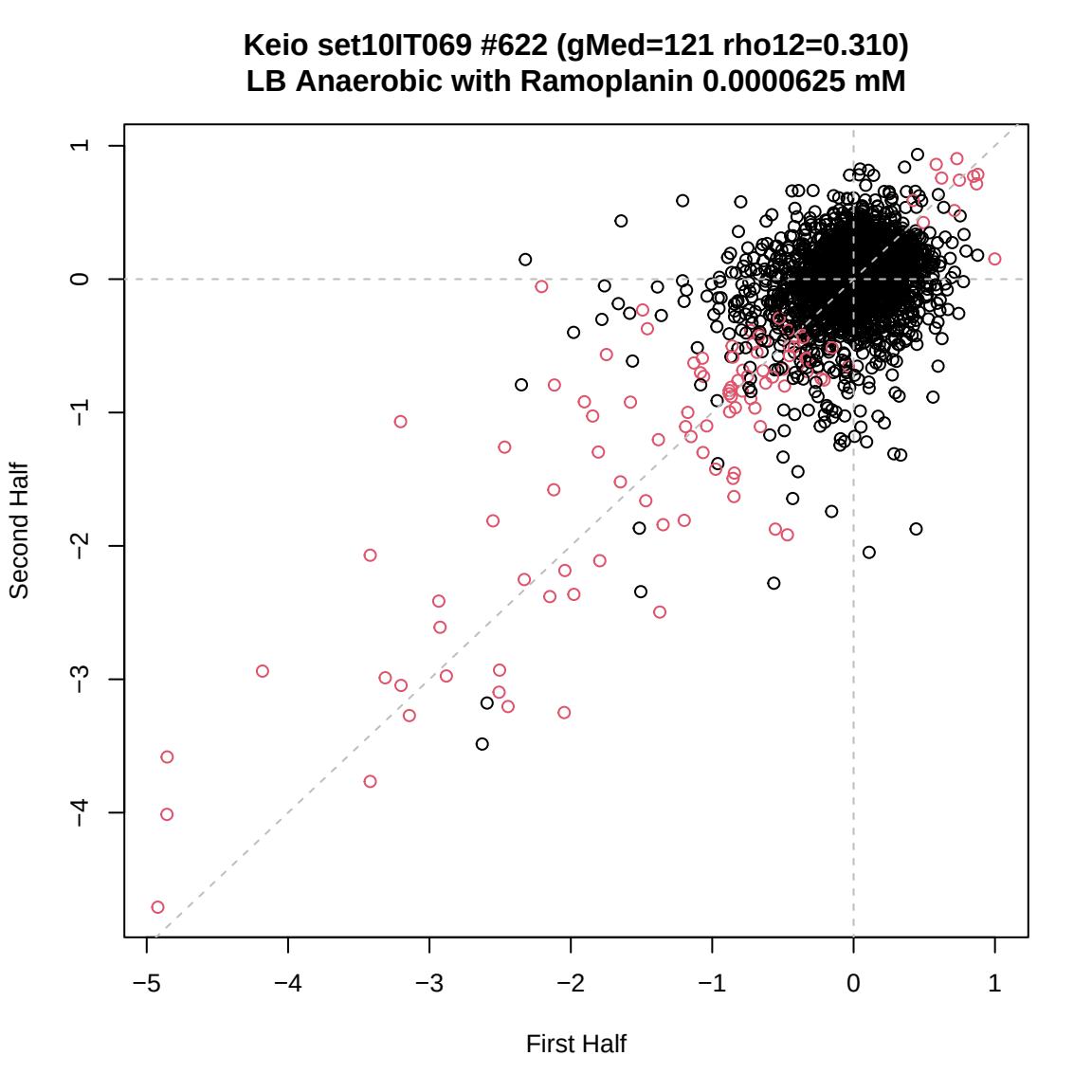

Keio set10IT063 #616 (gMed=51 rho12=0.420)
naerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.000
Second Half
First Half
−4
−2
0
2
4
6
8

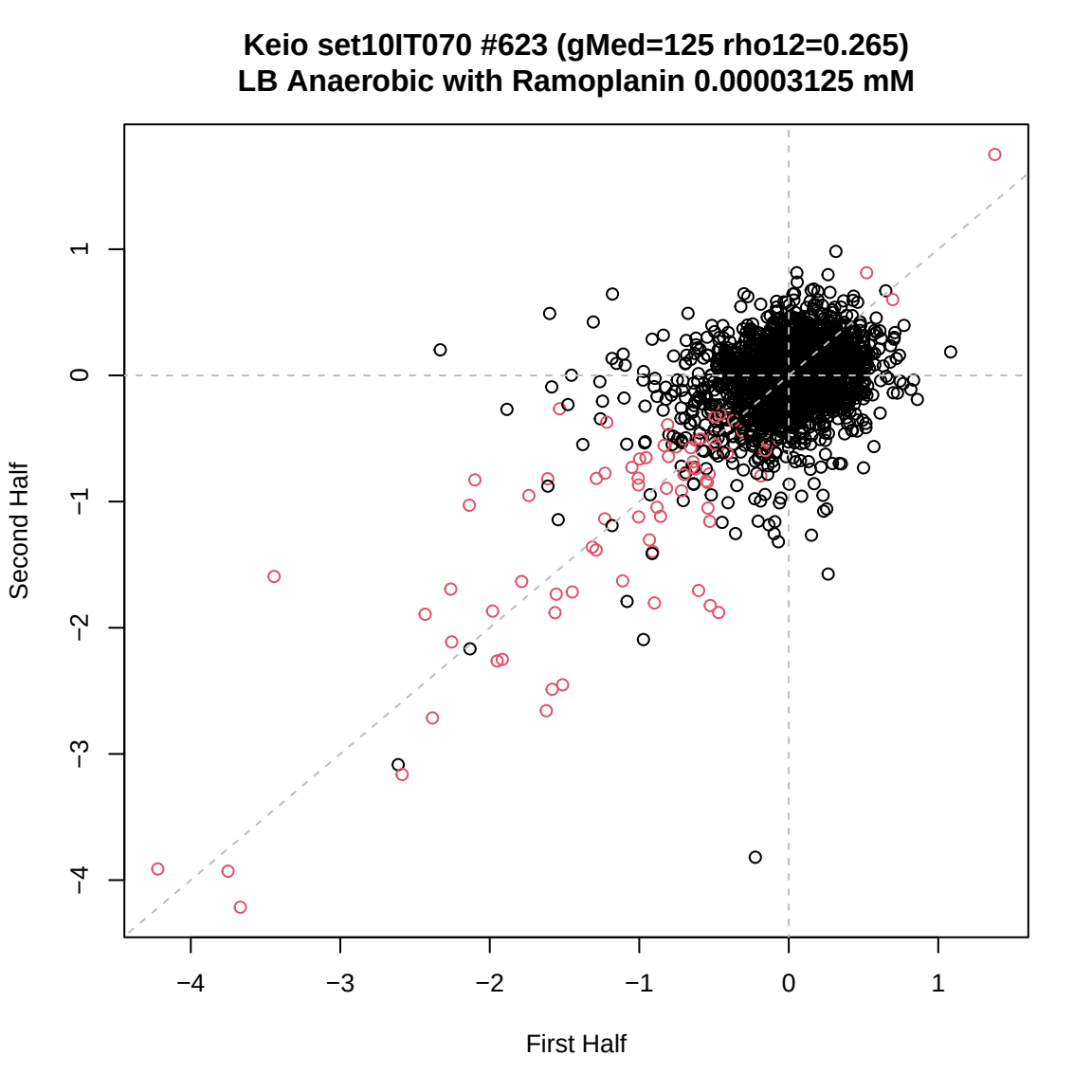

Keio set10IT064 #617 (gMed=104 rho12=0.404)
naerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.000
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

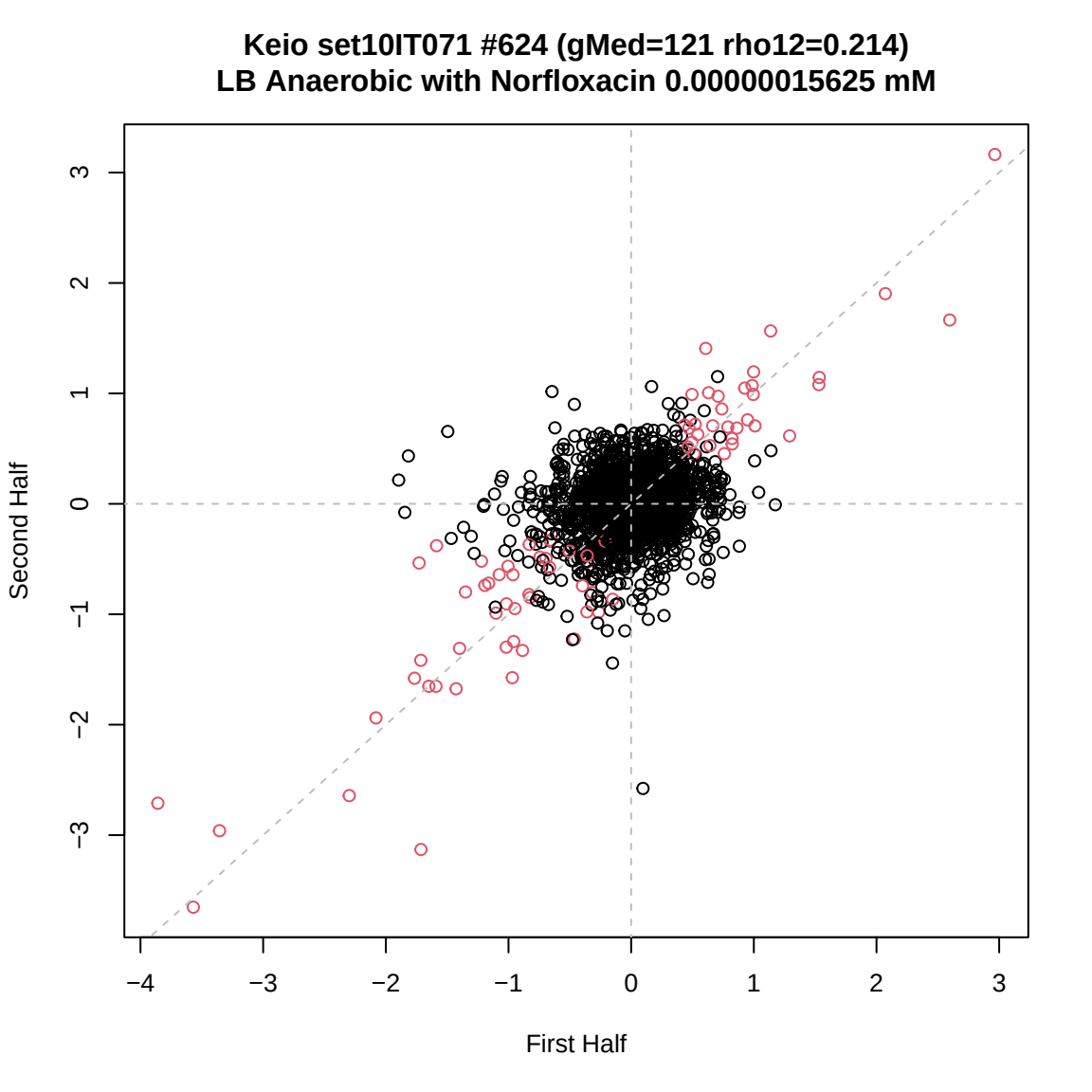

Keio set10IT066 #619 (gMed=130 rho12=0.249)
LB Anaerobic with Penicillin g 0.0000625 mM
Second Half
First Half
2
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

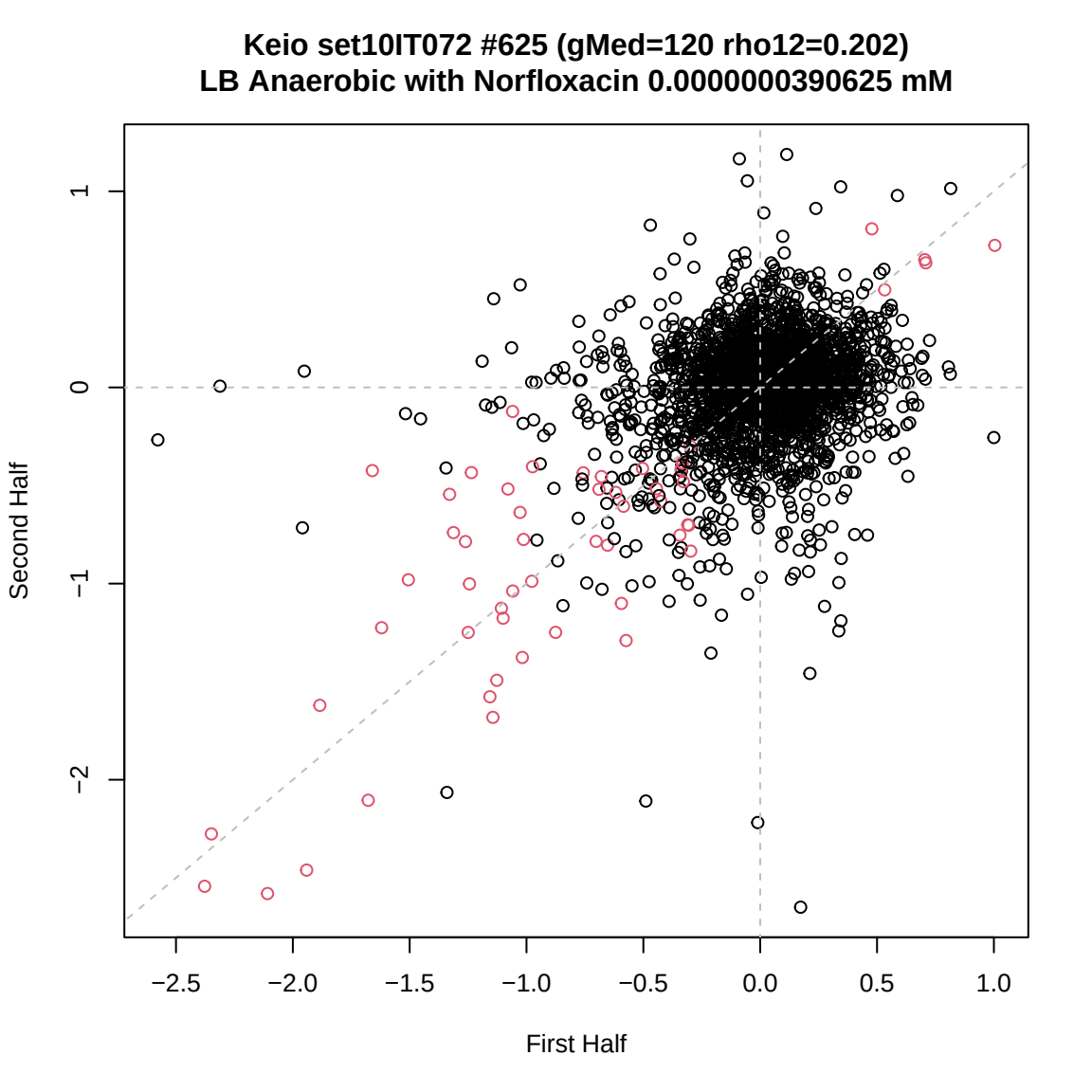

Keio set10IT067 #620 (gMed=20 rho12=0.286)
LB Anaerobic with Ampicillin 0.00000390625 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

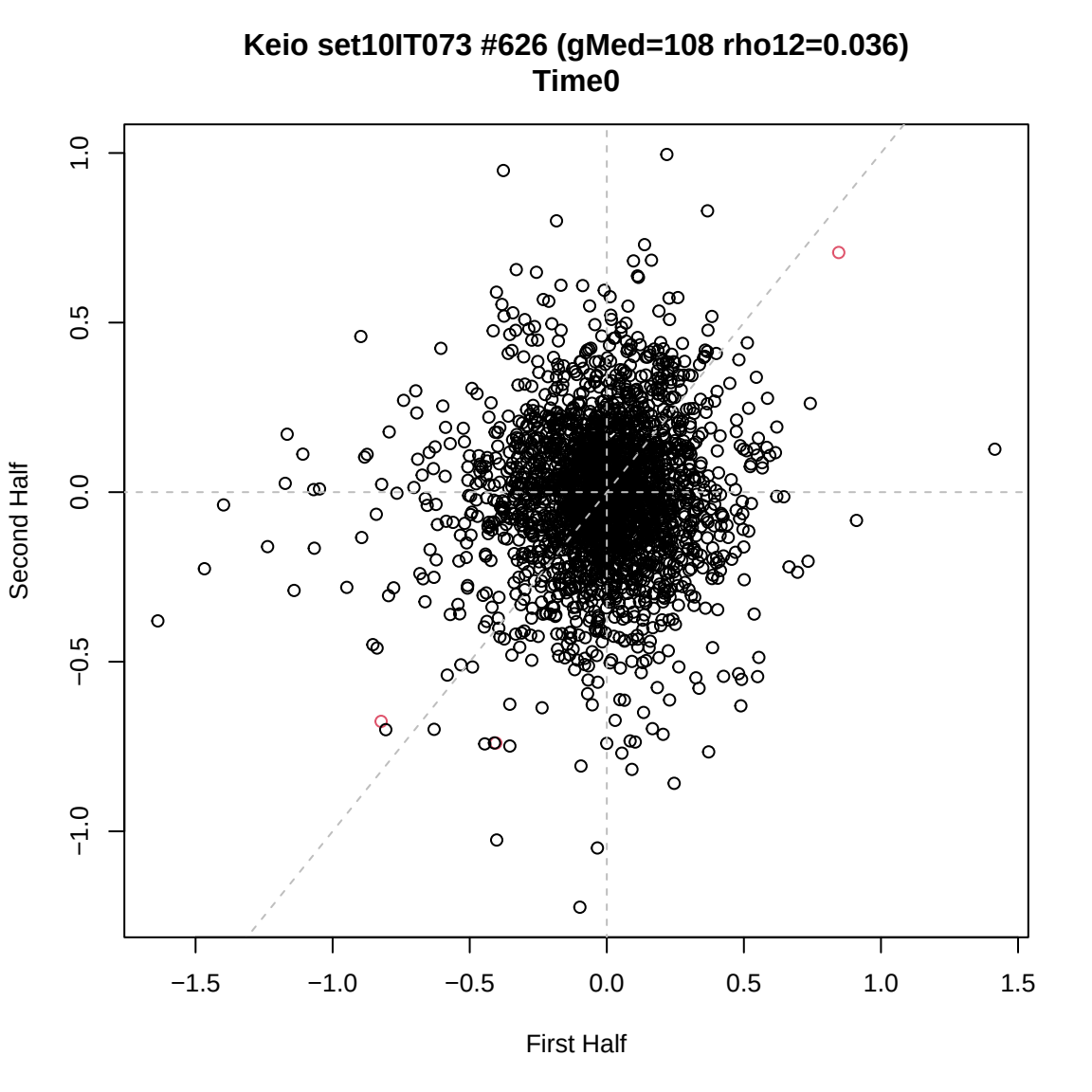

Keio set10IT068 #621 (gMed=116 rho12=0.244)
LB Anaerobic with Ampicillin 0.00000195313 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

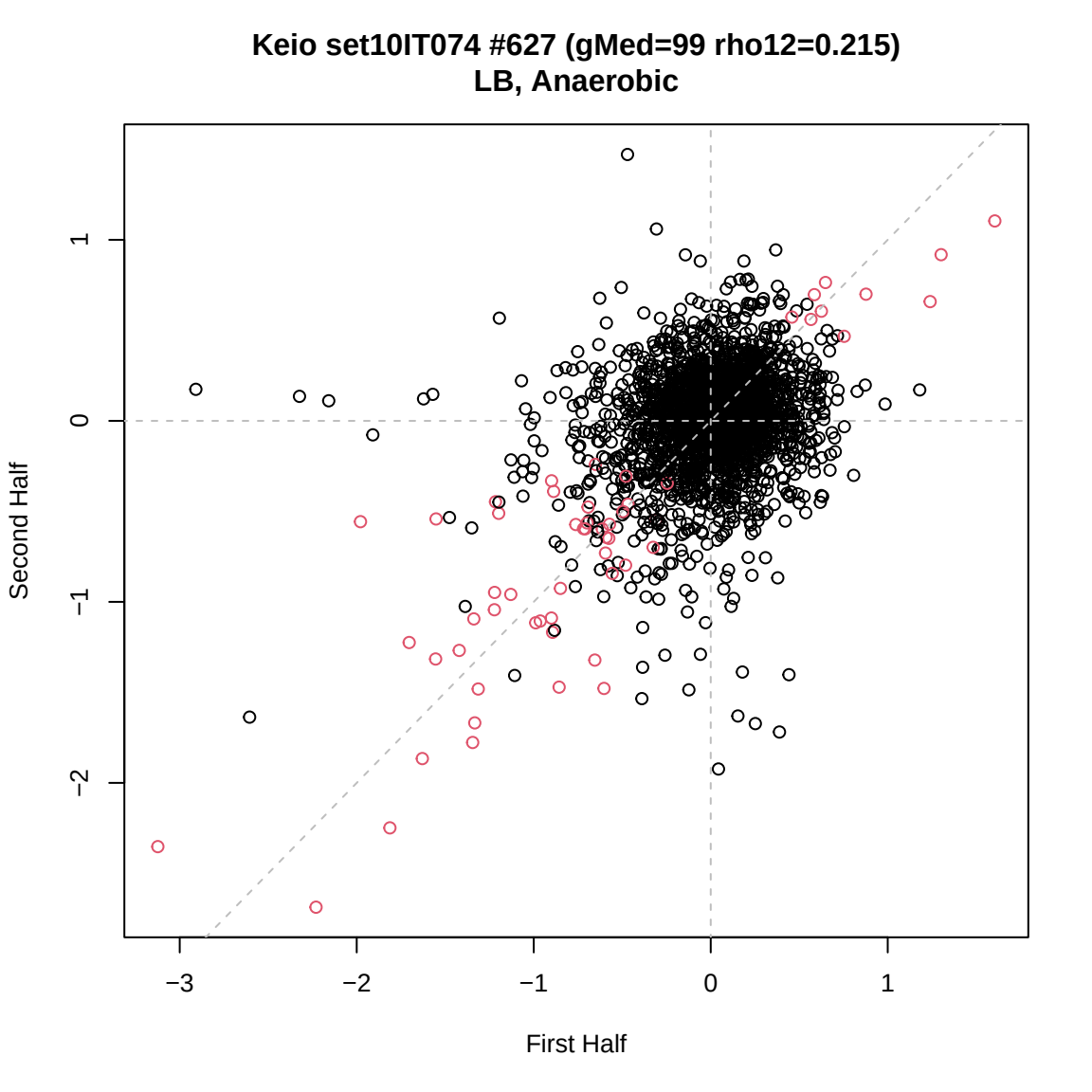

Keio set10IT069 #622 (gMed=121 rho12=0.310)
LB Anaerobic with Ramoplanin 0.0000625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

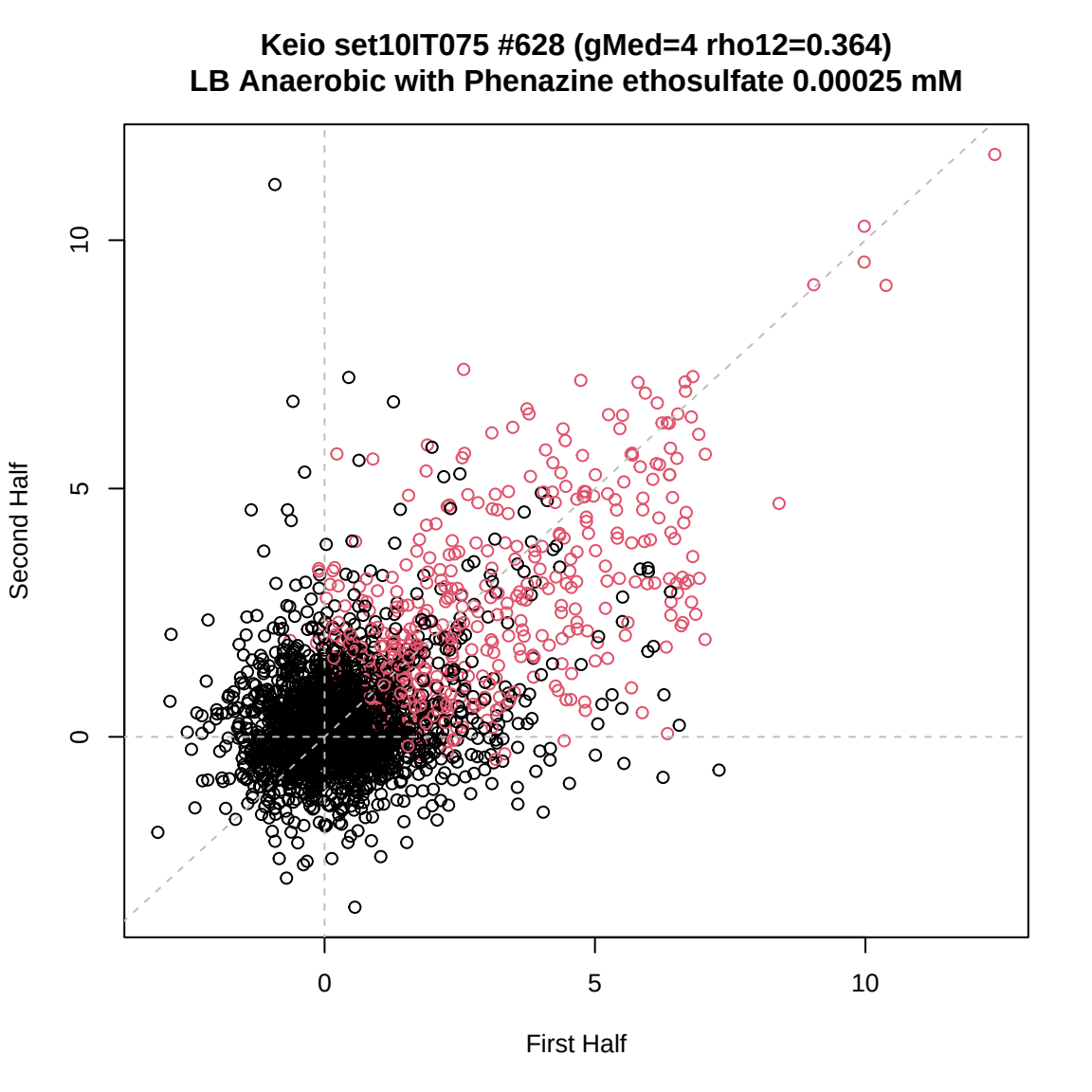

Keio set10IT070 #623 (gMed=125 rho12=0.265)
LB Anaerobic with Ramoplanin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

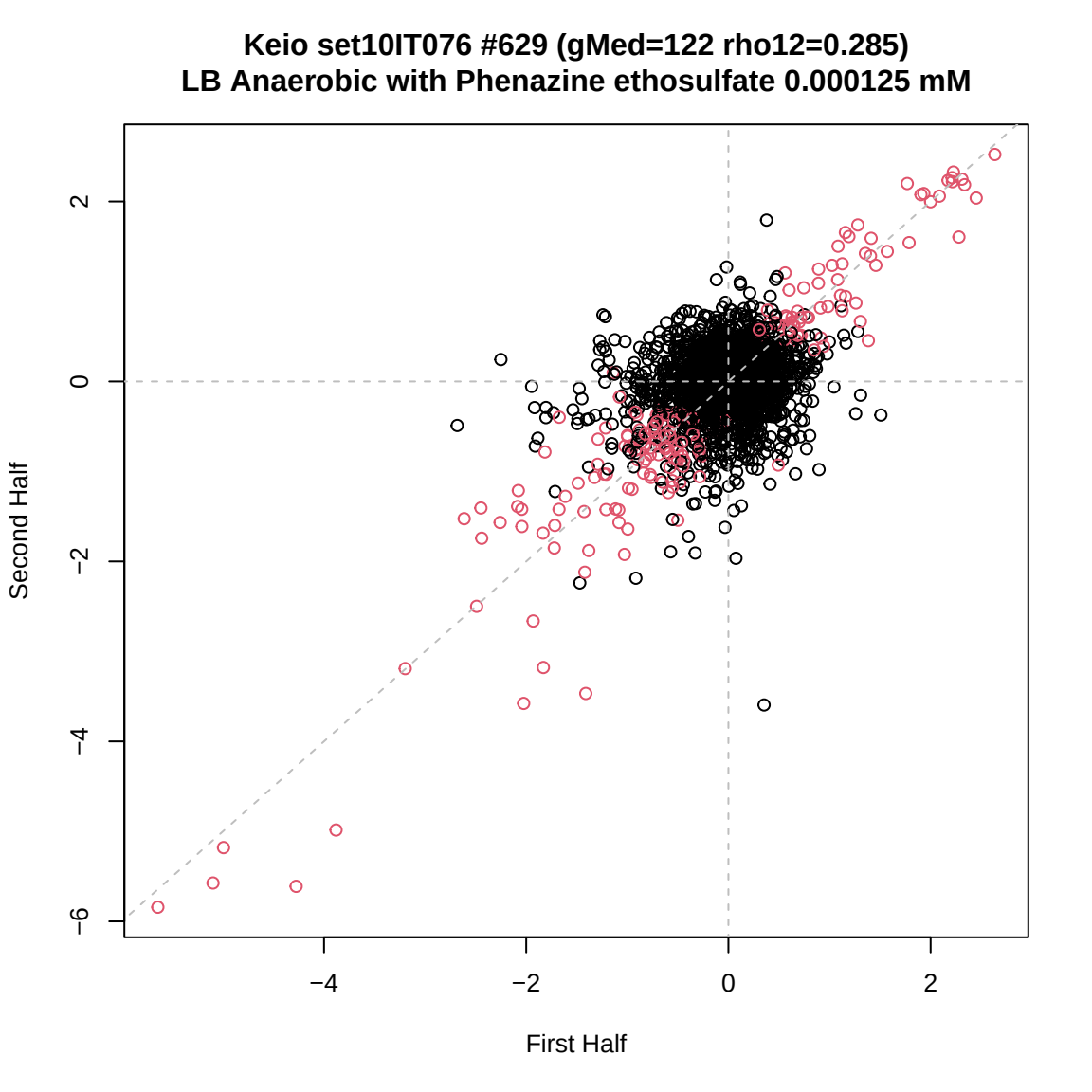

Keio set10IT071 #624 (gMed=121 rho12=0.214)
LB Anaerobic with Norfloxacin 0.00000015625 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3

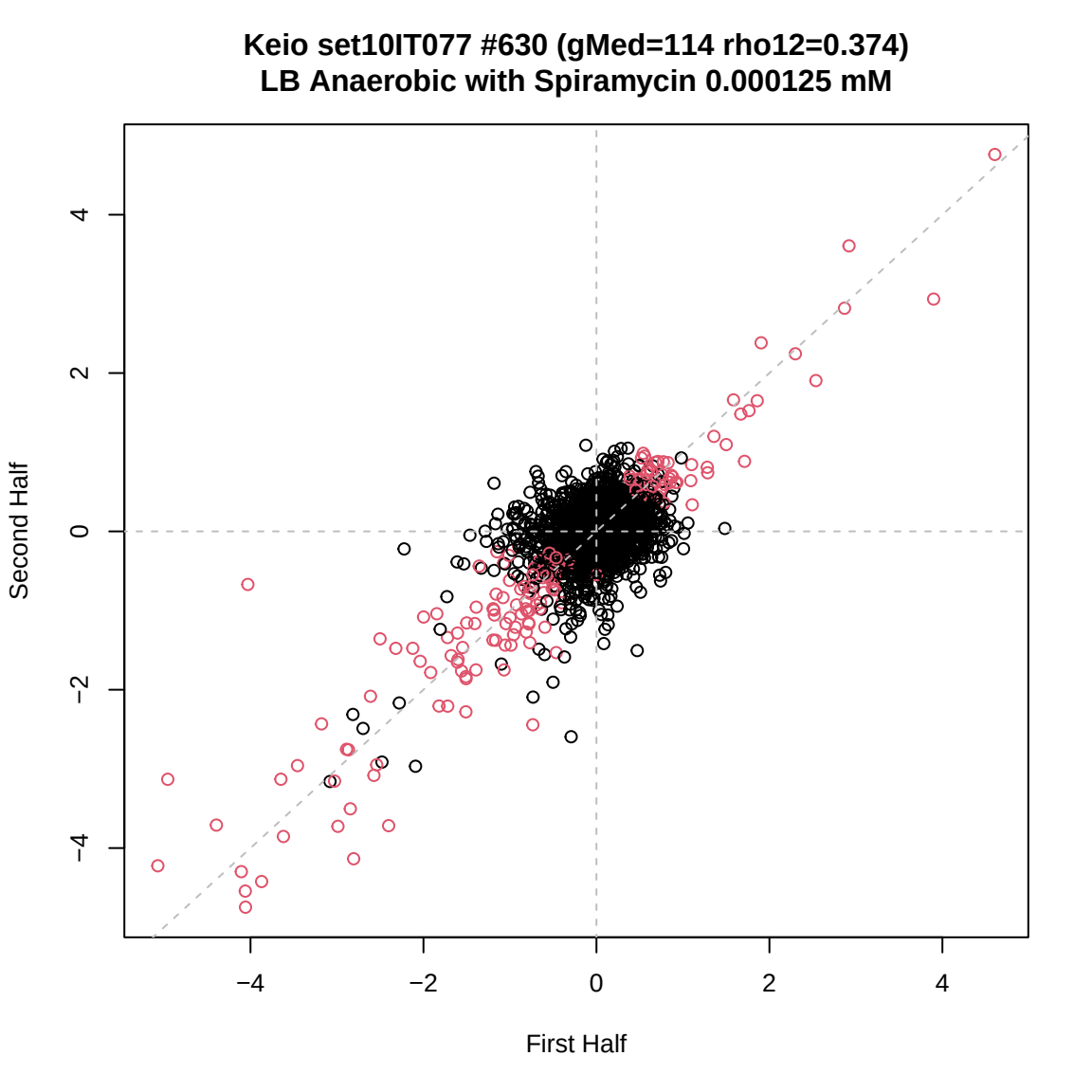

Keio set10IT072 #625 (gMed=120 rho12=0.202)
LB Anaerobic with Norfloxacin 0.0000000390625 mM
Second Half
First Half
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

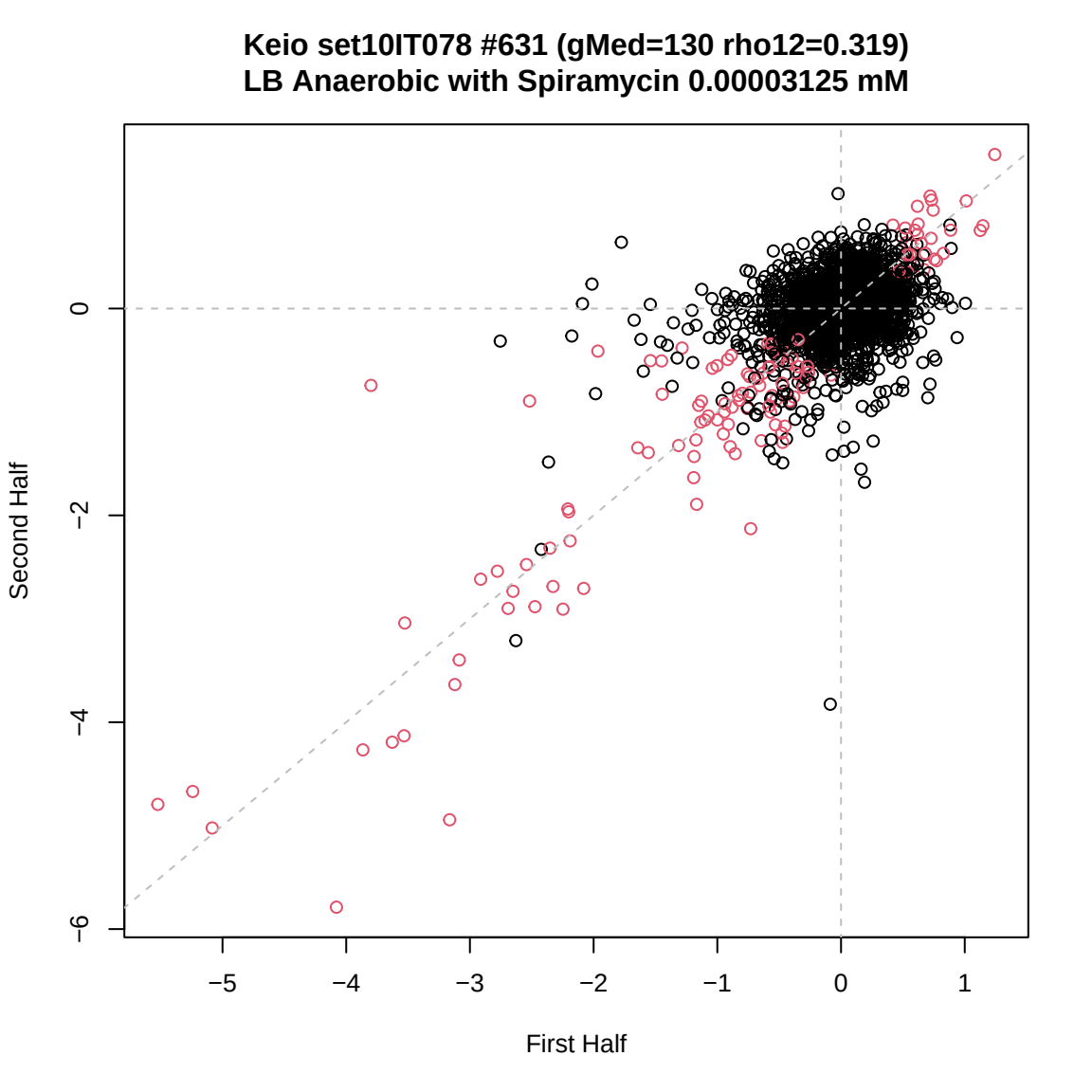

Keio set10IT073 #626 (gMed=108 rho12=0.036)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

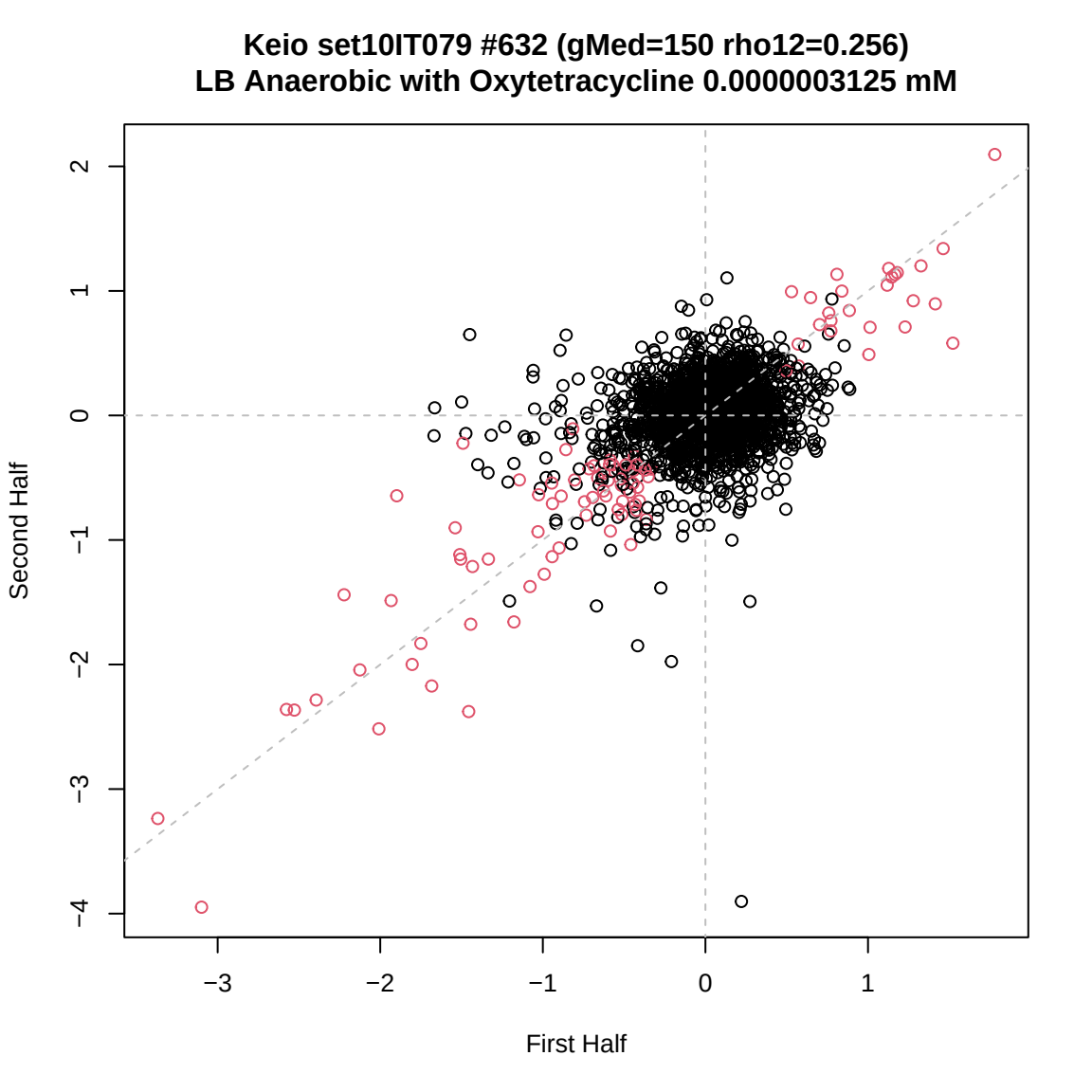

Keio set10IT074 #627 (gMed=99 rho12=0.215)
LB, Anaerobic
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

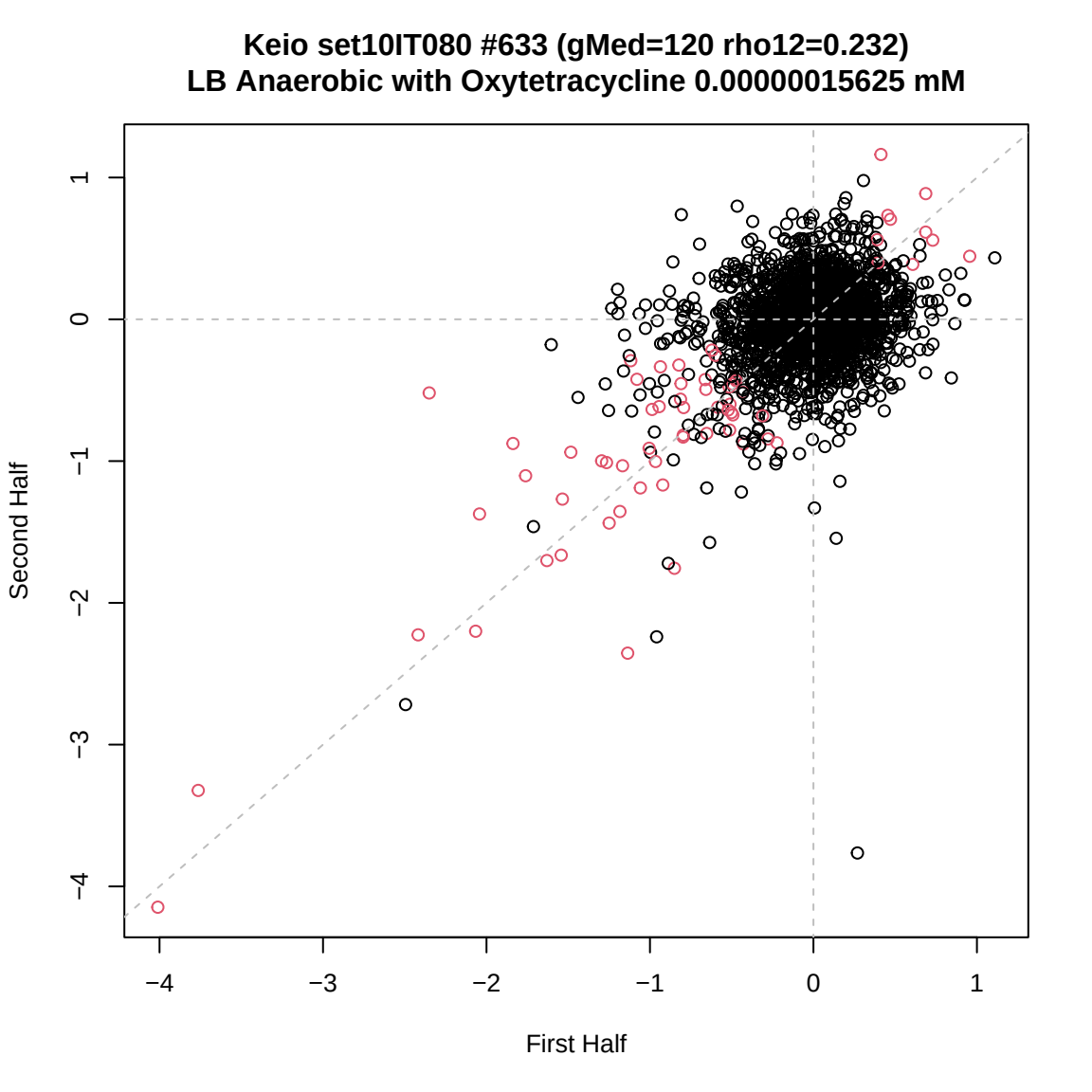

Keio set10IT075 #628 (gMed=4 rho12=0.364)
LB Anaerobic with Phenazine ethosulfate 0.00025 mM
Second Half
First Half
0
5
10
0
5
10

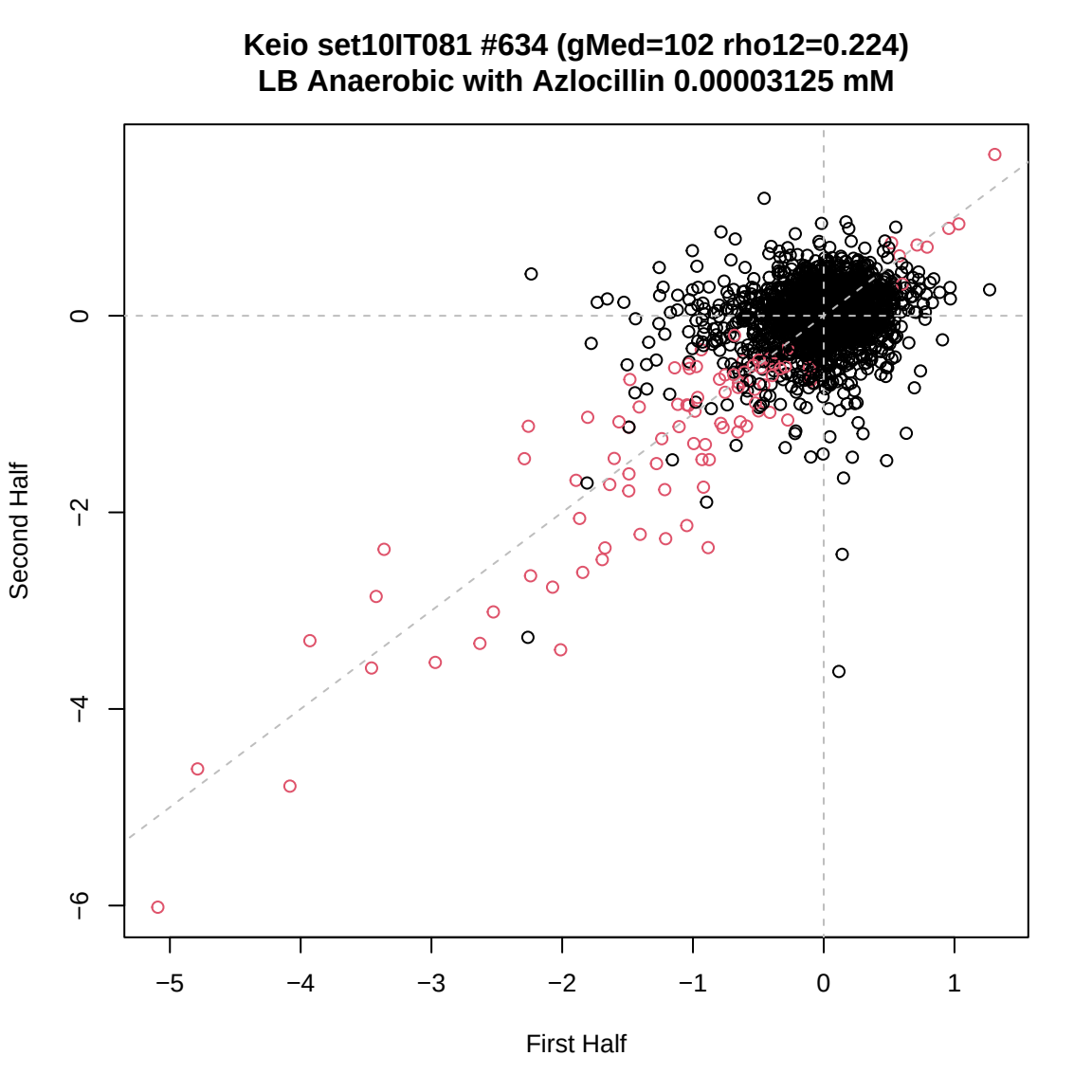

Keio set10IT076 #629 (gMed=122 rho12=0.285)
LB Anaerobic with Phenazine ethosulfate 0.000125 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

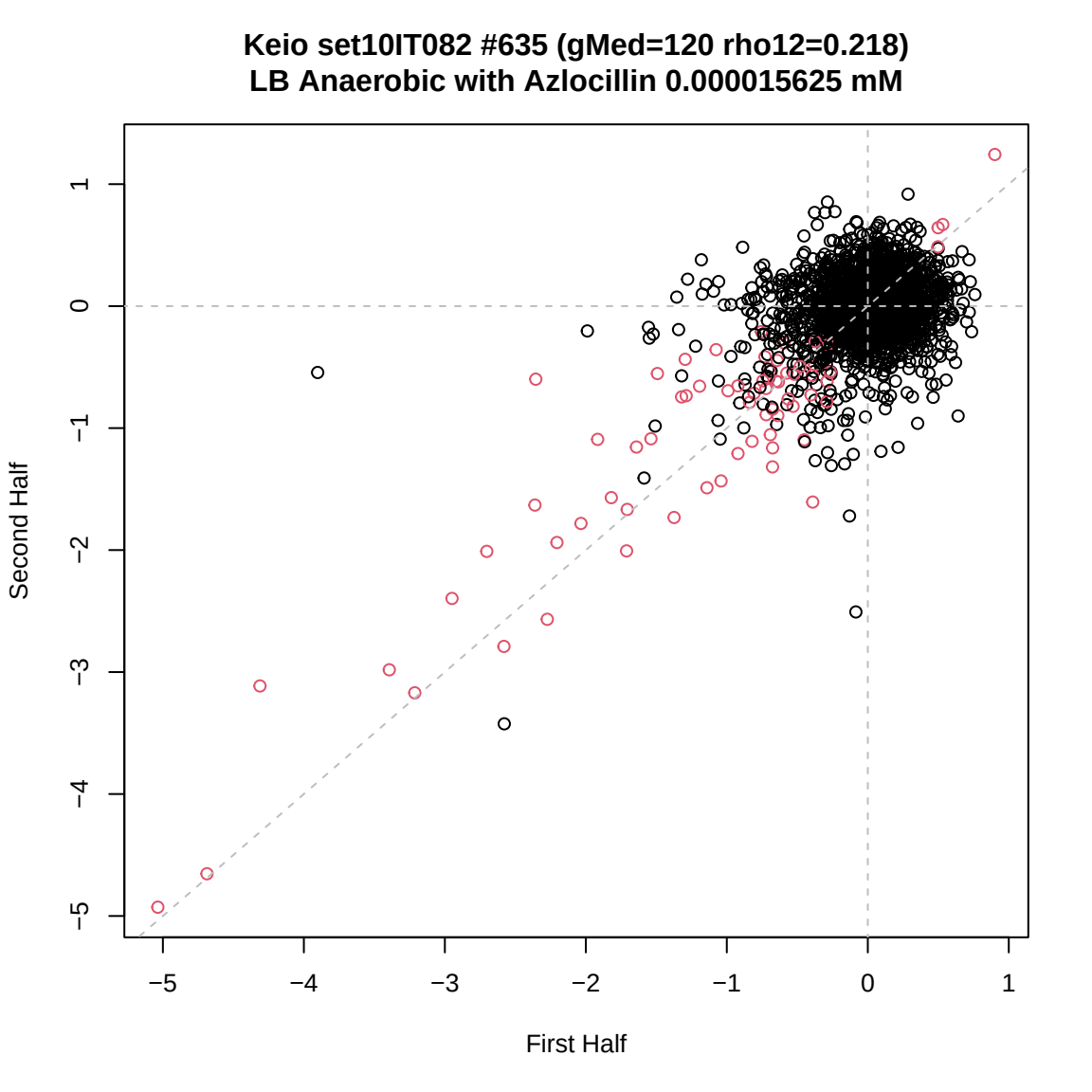

Keio set10IT077 #630 (gMed=114 rho12=0.374)
LB Anaerobic with Spiramycin 0.000125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

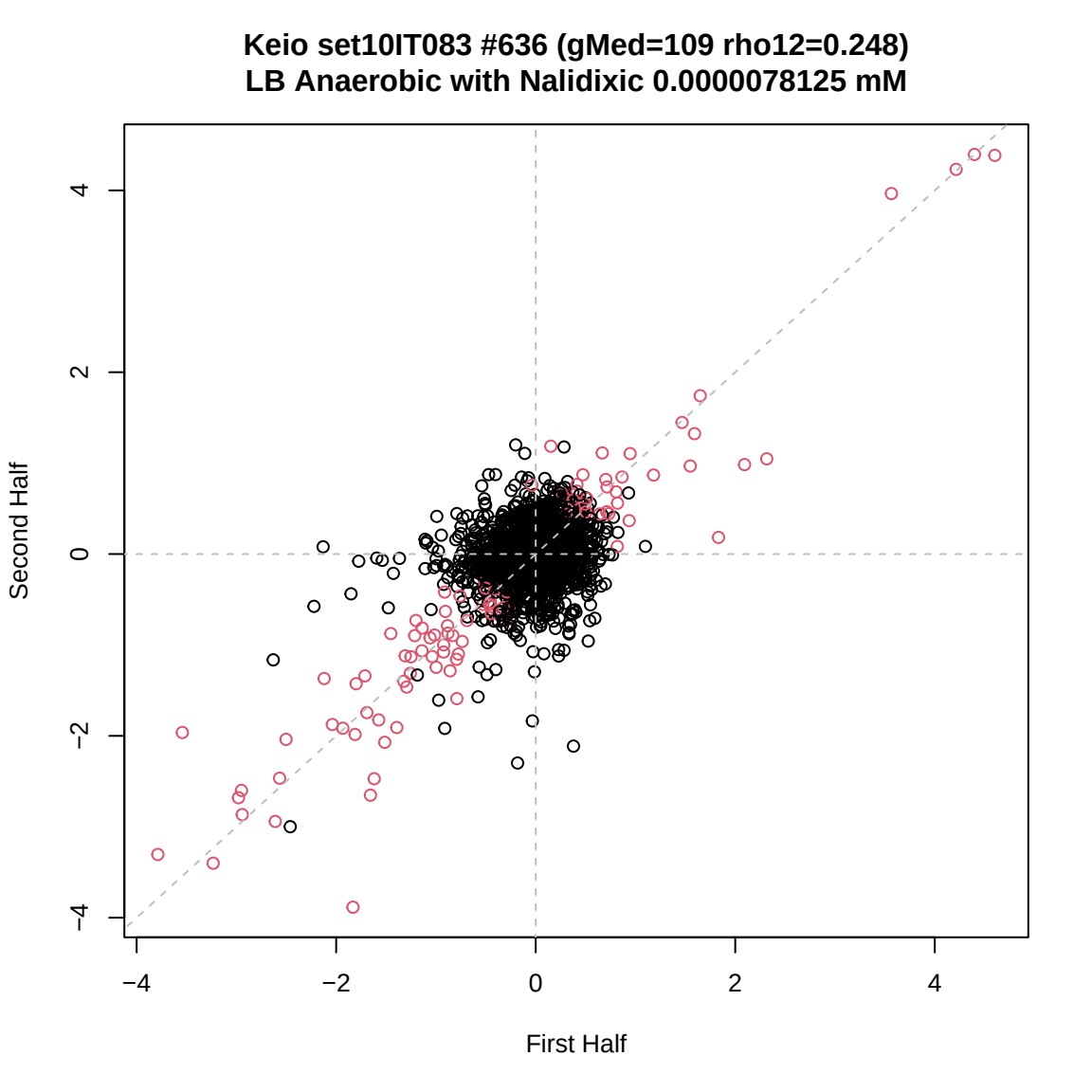

Keio set10IT078 #631 (gMed=130 rho12=0.319)
LB Anaerobic with Spiramycin 0.00003125 mM
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

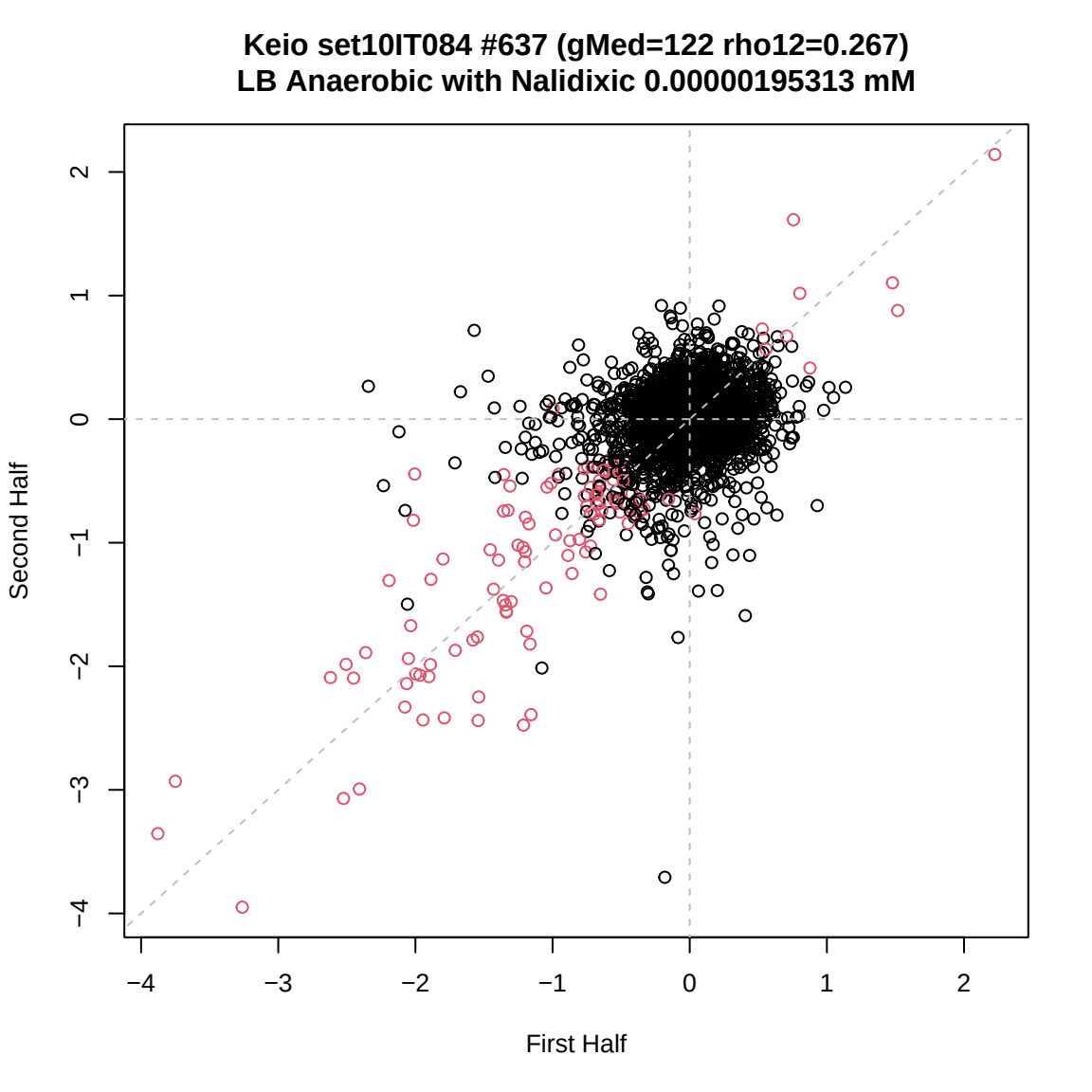

Keio set10IT079 #632 (gMed=150 rho12=0.256)
LB Anaerobic with Oxytetracycline 0.0000003125 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

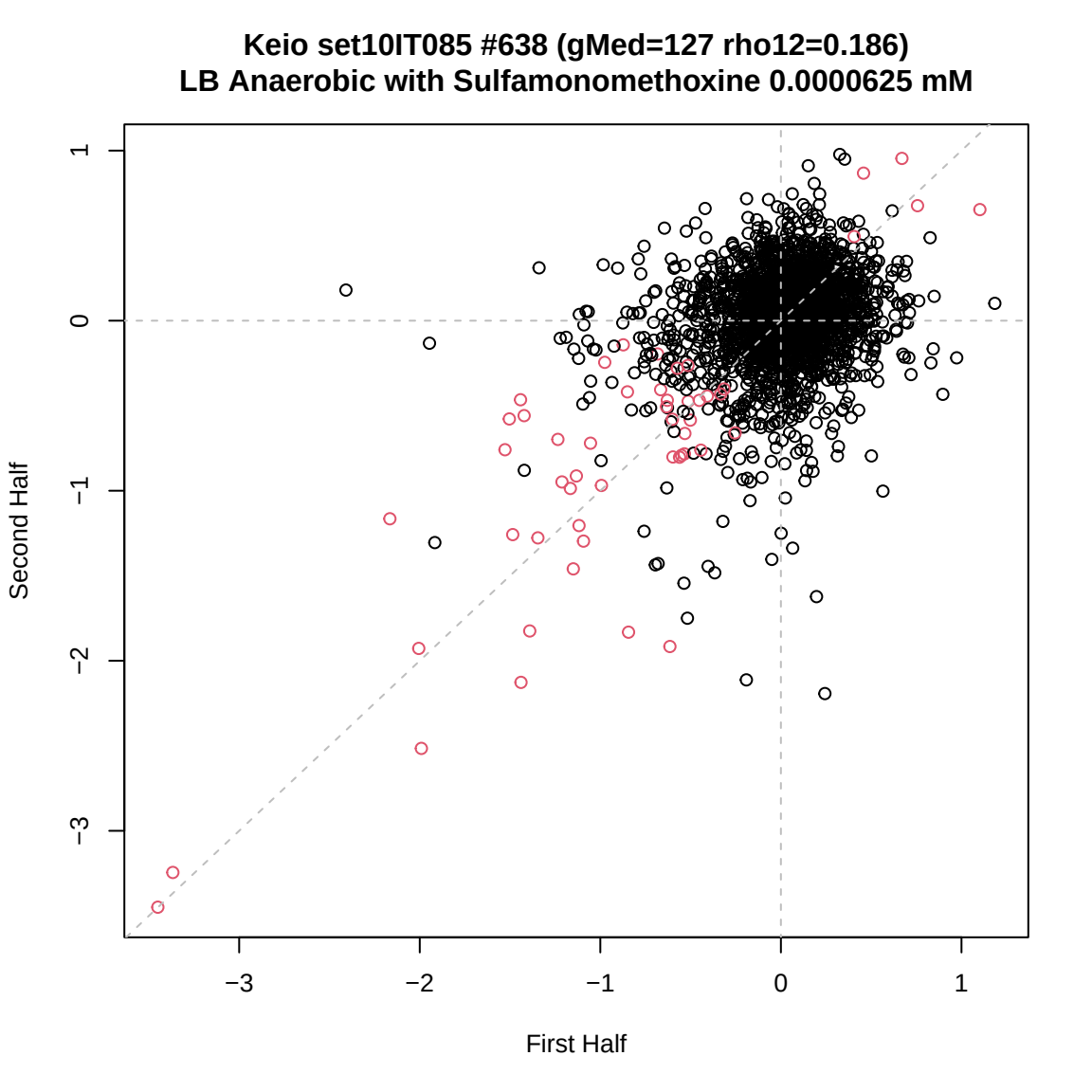

Keio set10IT080 #633 (gMed=120 rho12=0.232)
LB Anaerobic with Oxytetracycline 0.00000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

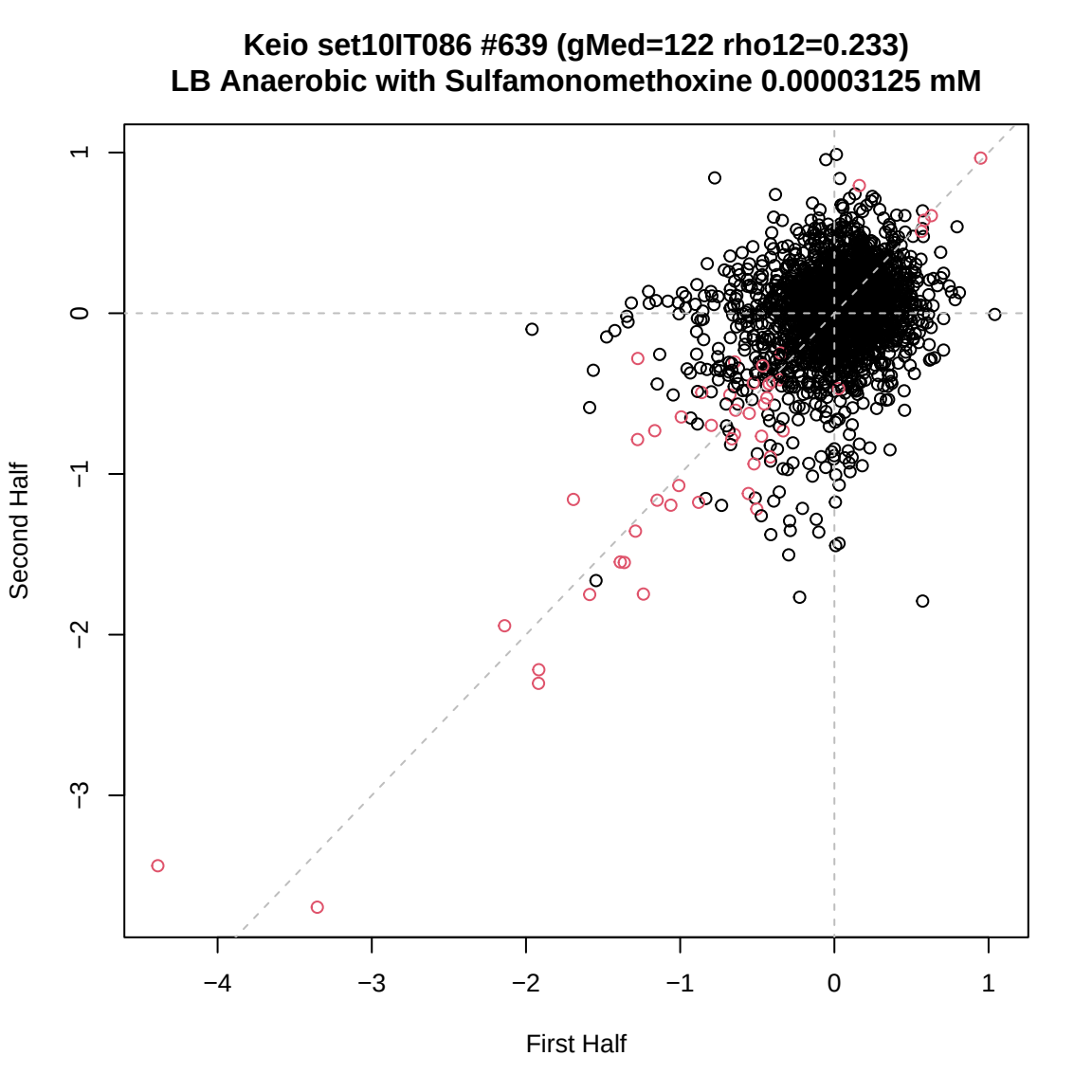

Keio set10IT081 #634 (gMed=102 rho12=0.224)
LB Anaerobic with Azlocillin 0.00003125 mM
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

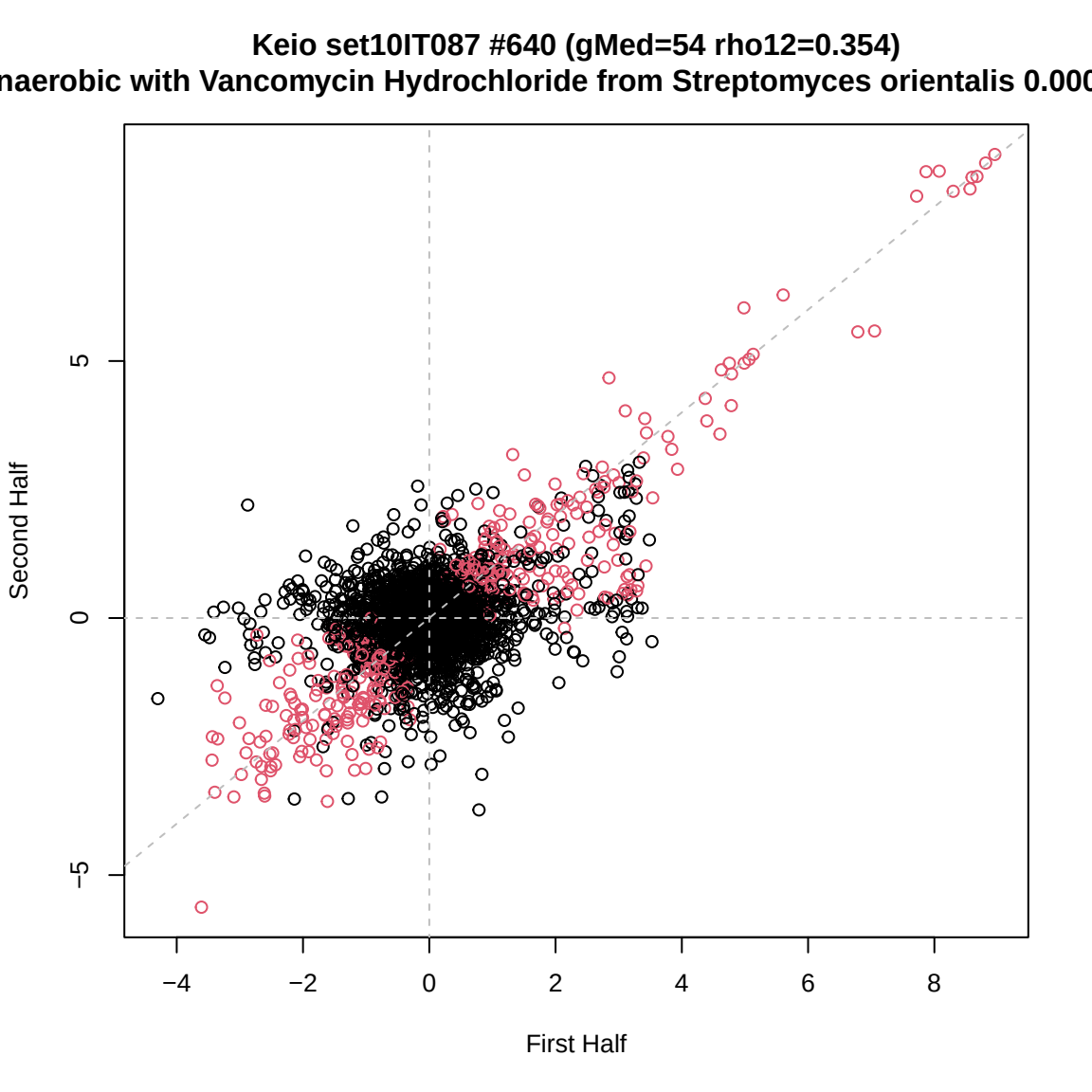

Keio set10IT082 #635 (gMed=120 rho12=0.218)
LB Anaerobic with Azlocillin 0.000015625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

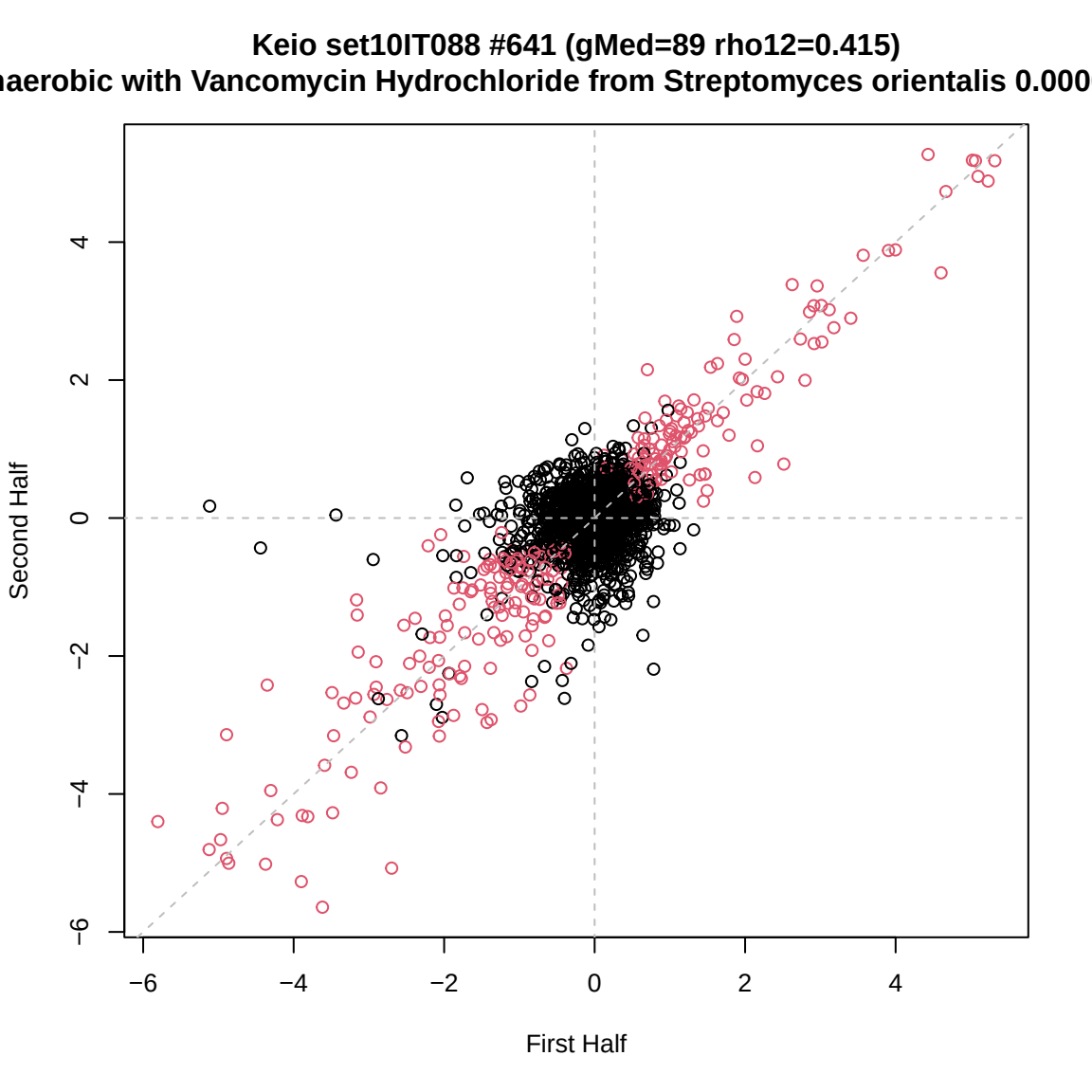

Keio set10IT083 #636 (gMed=109 rho12=0.248)
LB Anaerobic with Nalidixic 0.0000078125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

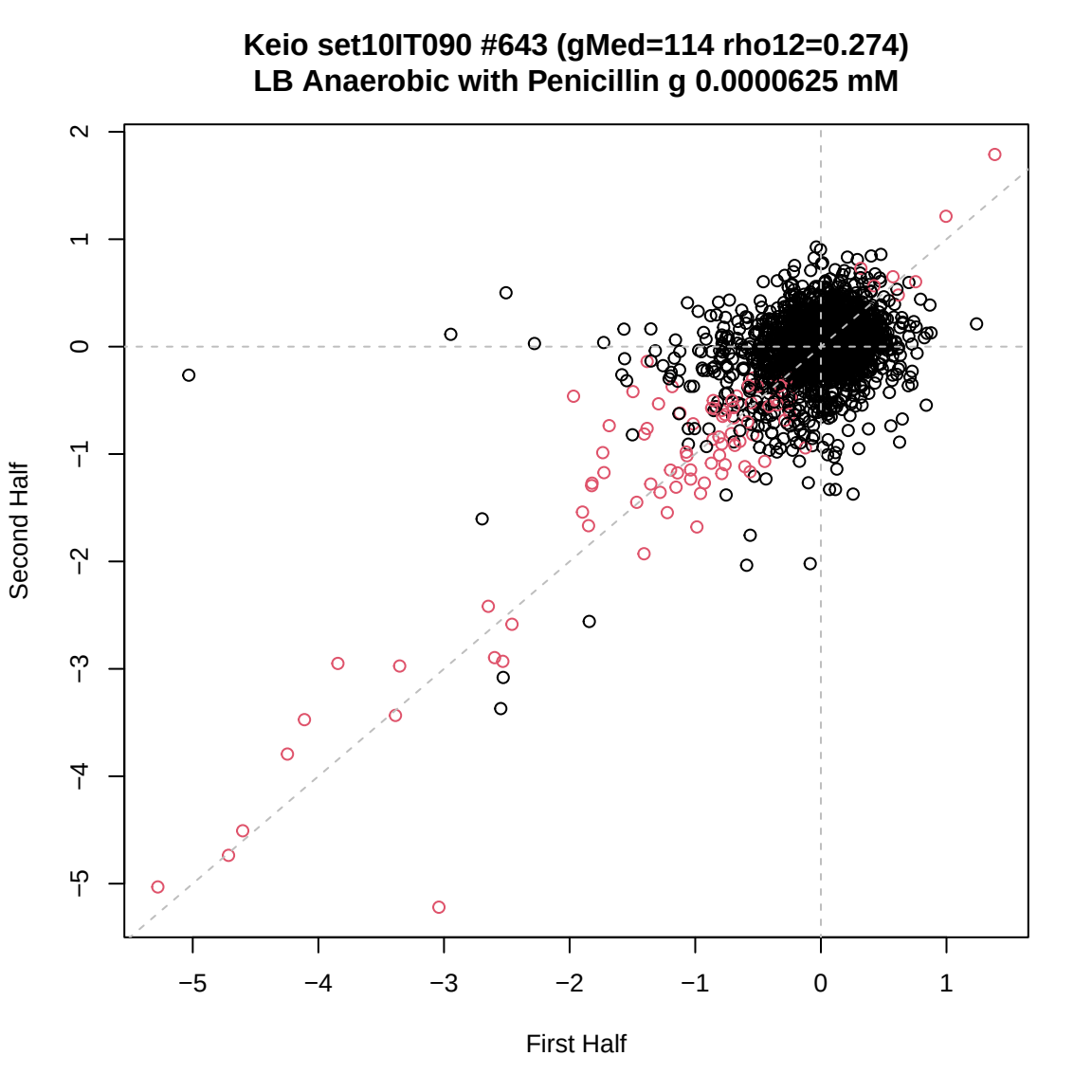

Keio set10IT084 #637 (gMed=122 rho12=0.267)
LB Anaerobic with Nalidixic 0.00000195313 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

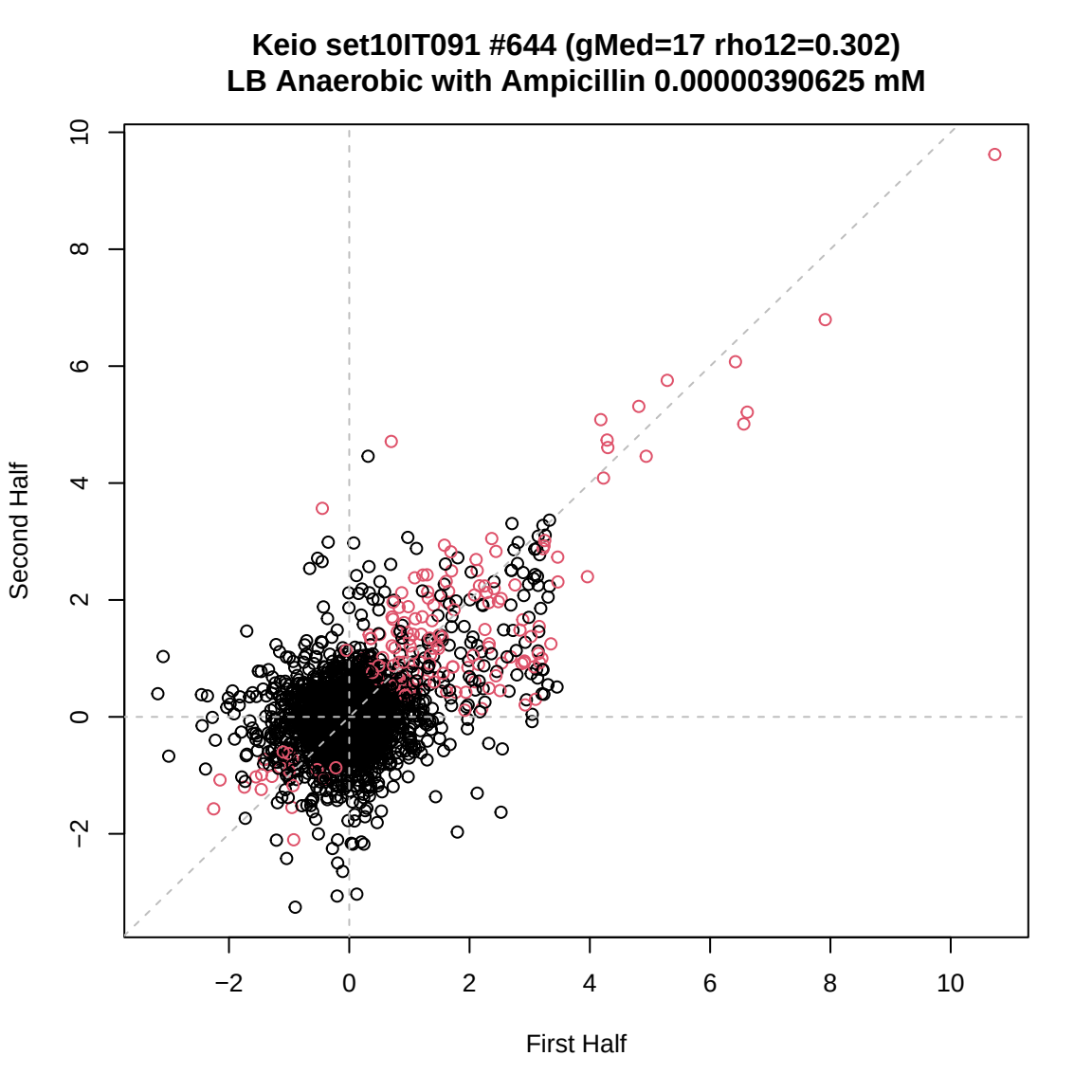

Keio set10IT085 #638 (gMed=127 rho12=0.186)
LB Anaerobic with Sulfamonomethoxine 0.0000625 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

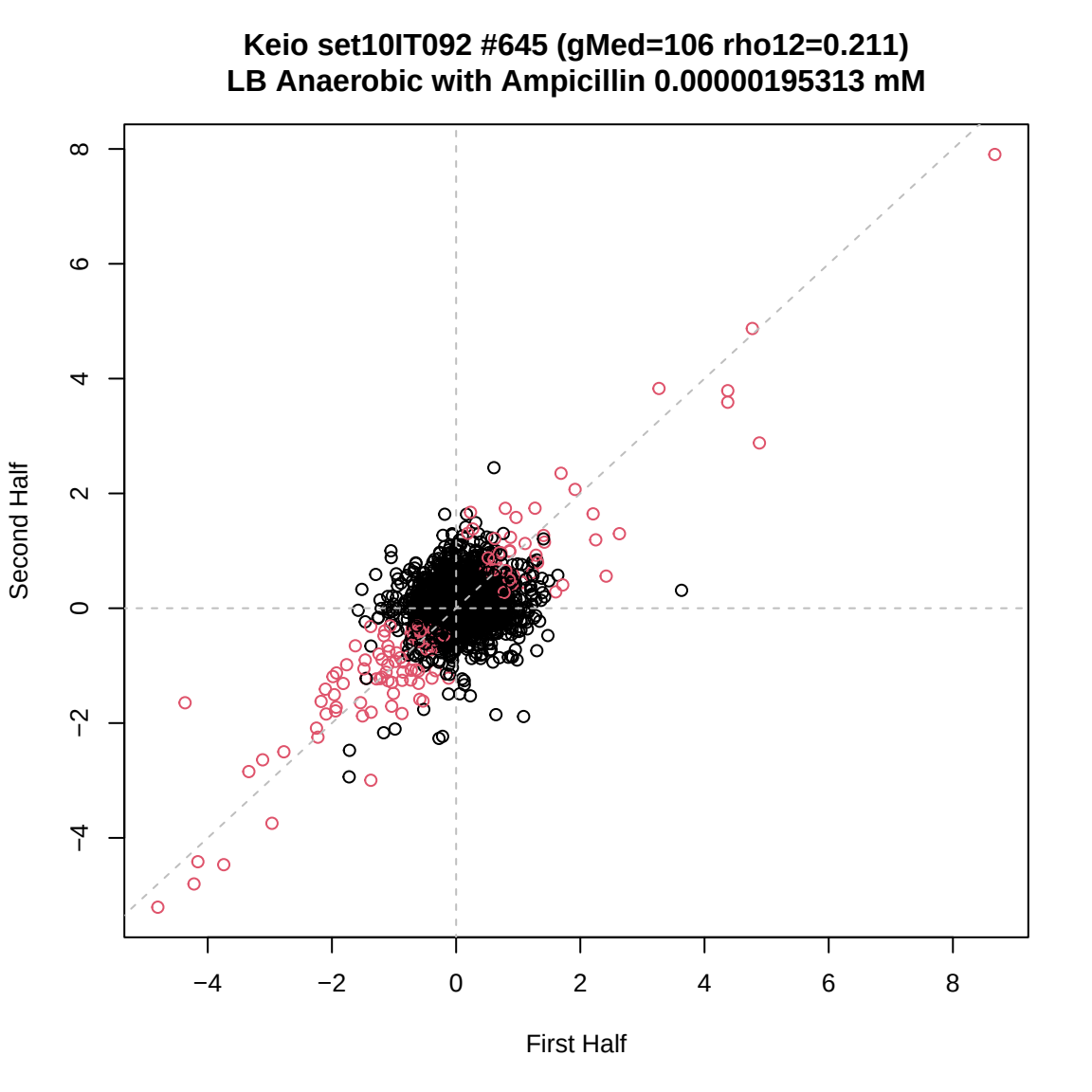

Keio set10IT086 #639 (gMed=122 rho12=0.233)
LB Anaerobic with Sulfamonomethoxine 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

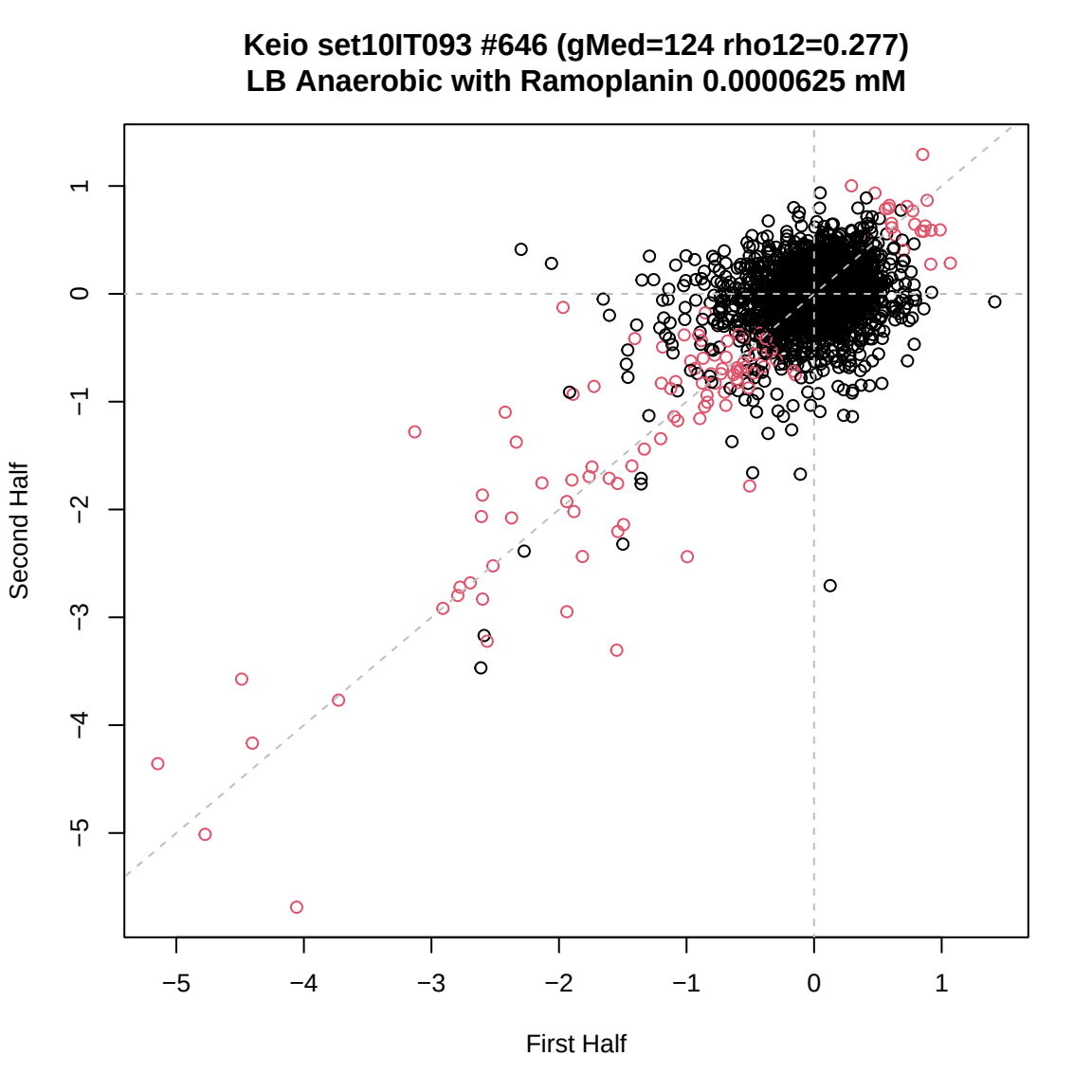

Keio set10IT087 #640 (gMed=54 rho12=0.354)
naerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.000
Second Half
First Half
5
0
−5
−4
−2
0
2
4
6
8

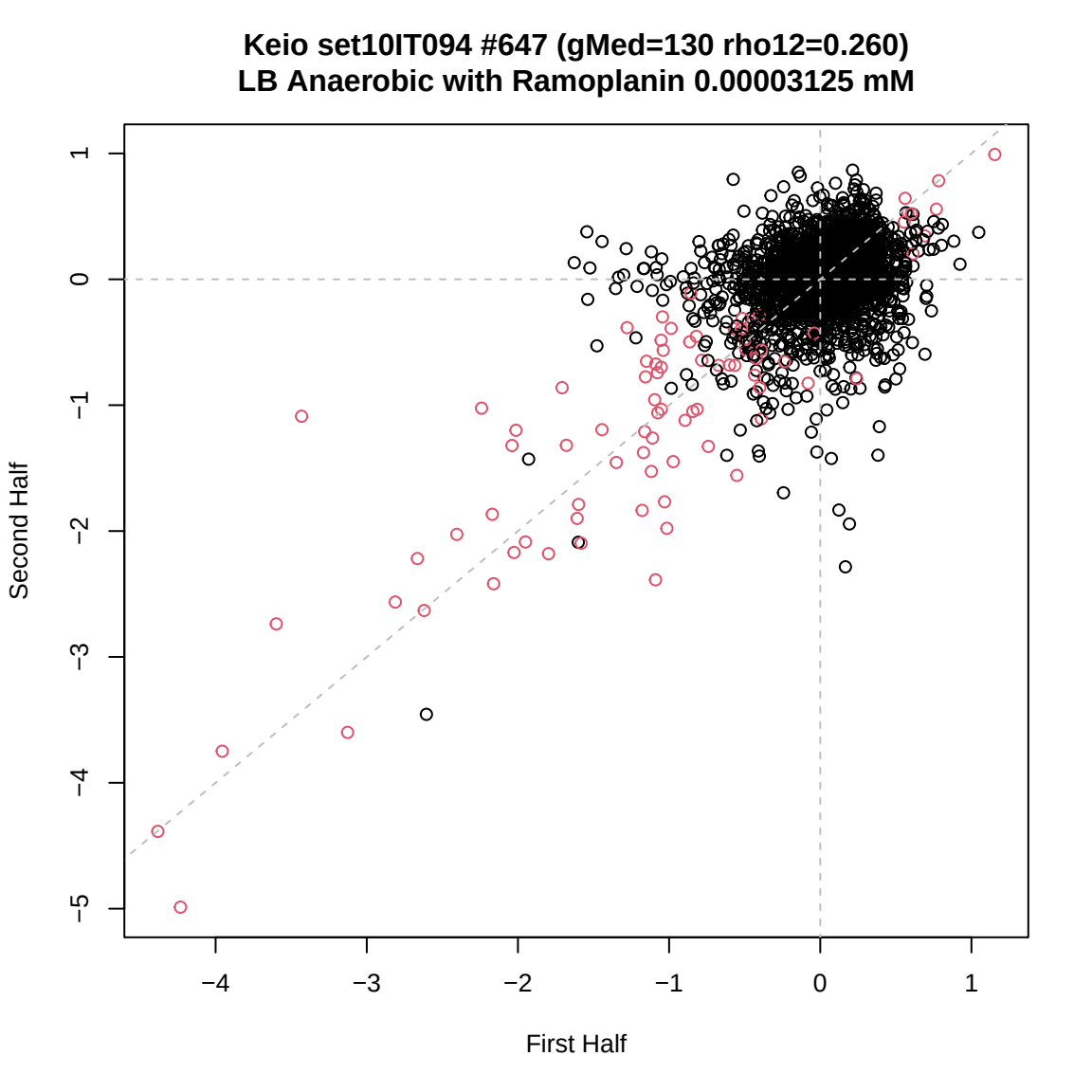

Keio set10IT088 #641 (gMed=89 rho12=0.415)
naerobic with Vancomycin Hydrochloride from Streptomyces orientalis 0.000
Second Half
First Half
−6
−4
−2
0
2
4

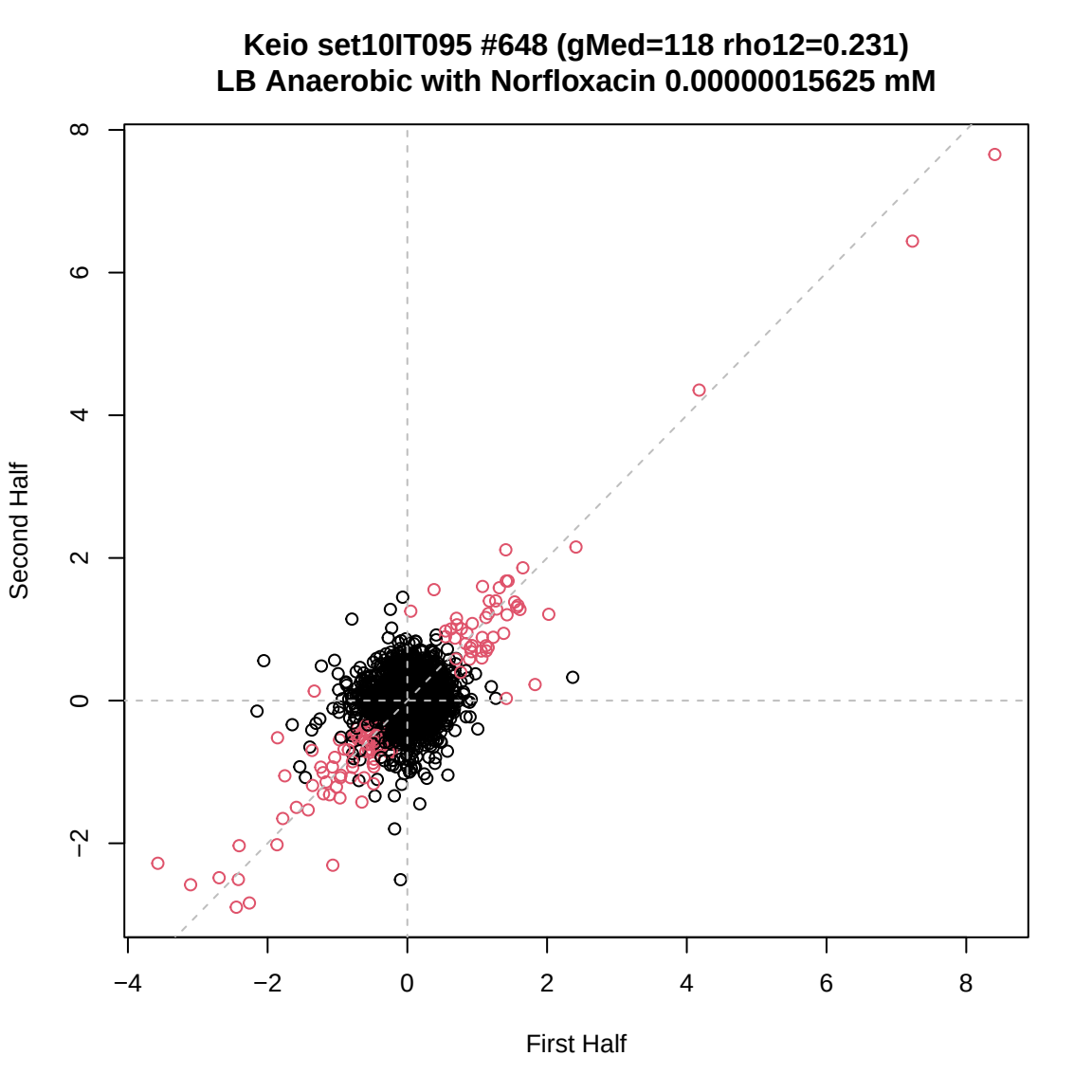

Keio set10IT090 #643 (gMed=114 rho12=0.274)
LB Anaerobic with Penicillin g 0.0000625 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

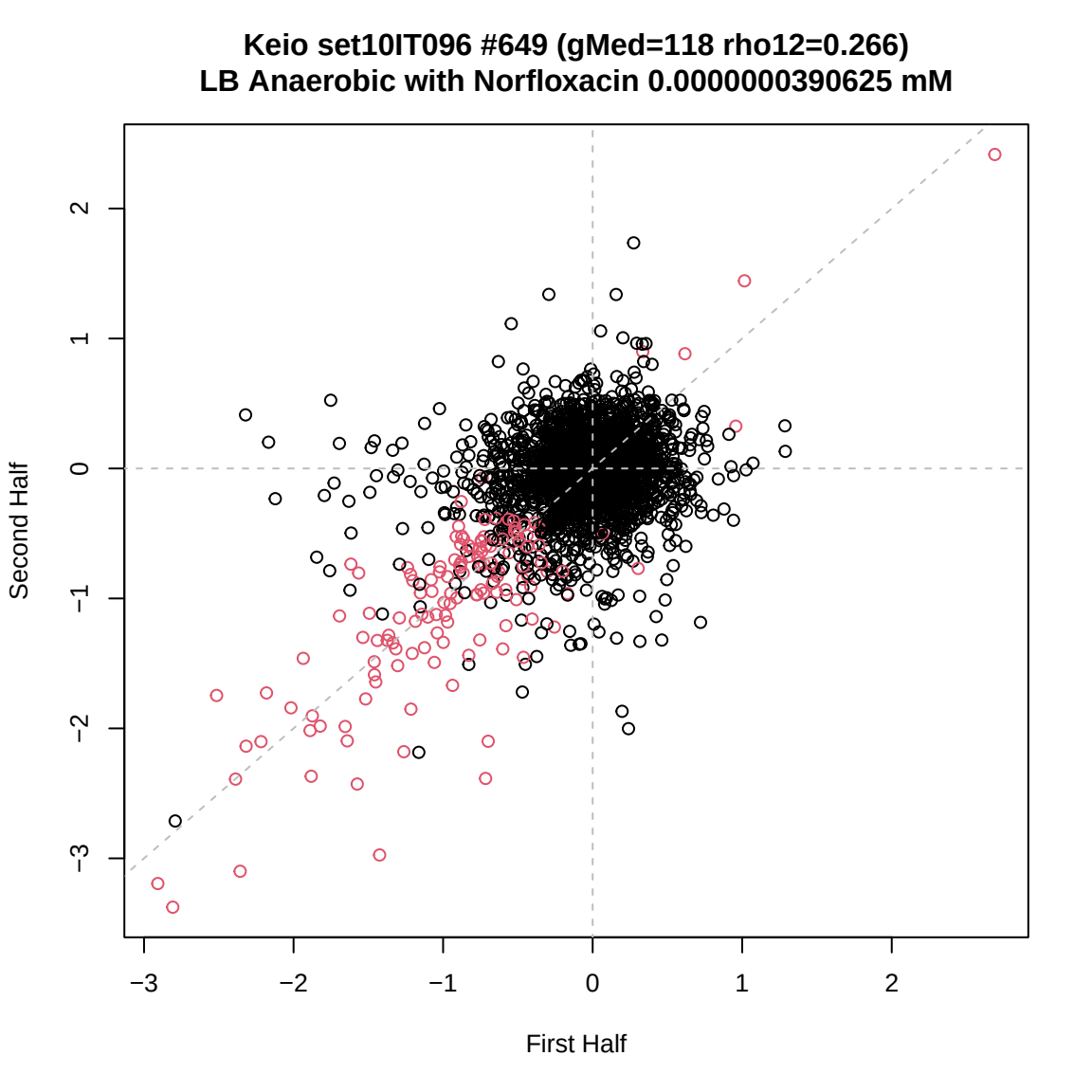

Keio set10IT091 #644 (gMed=17 rho12=0.302)
LB Anaerobic with Ampicillin 0.00000390625 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

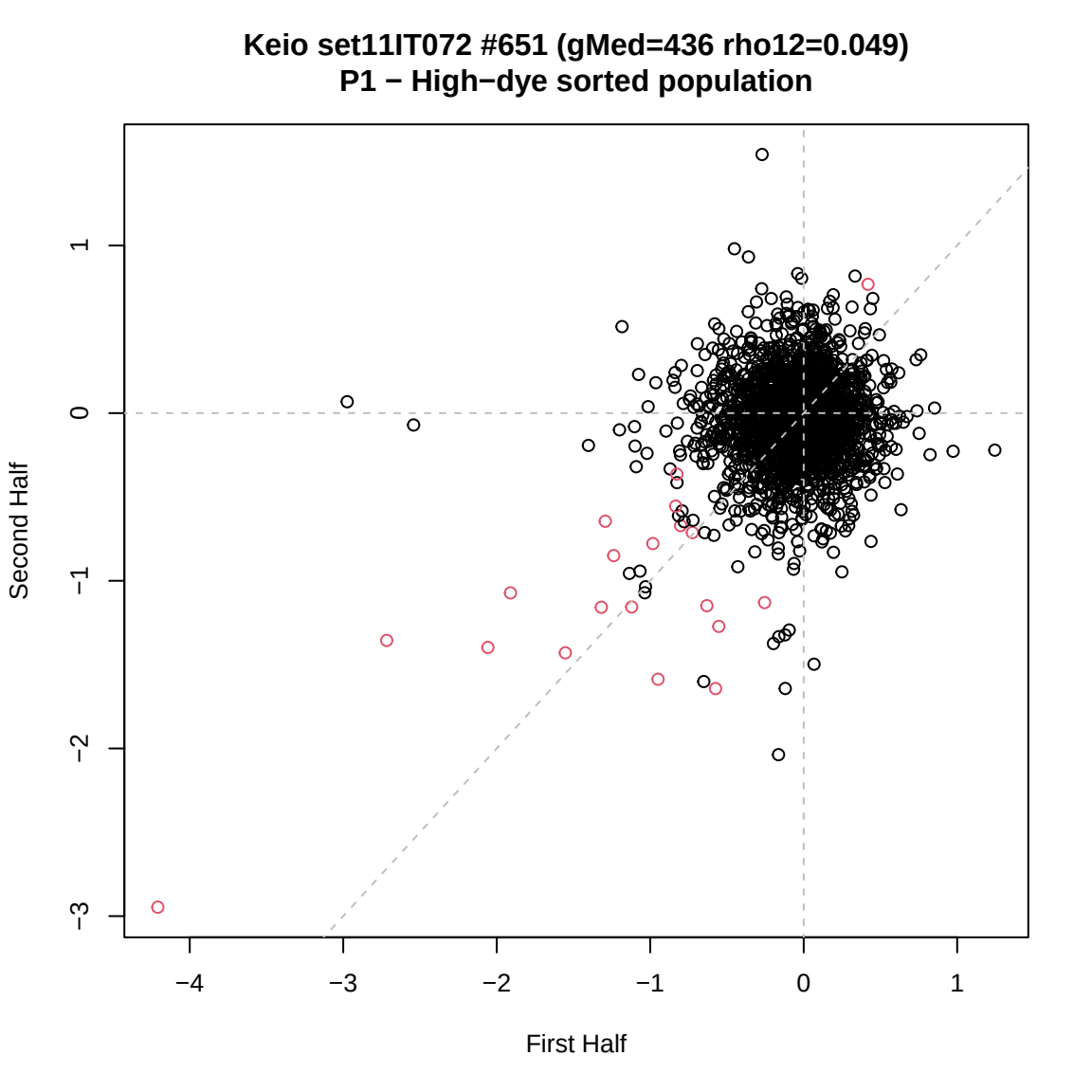

Keio set10IT092 #645 (gMed=106 rho12=0.211)
LB Anaerobic with Ampicillin 0.00000195313 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

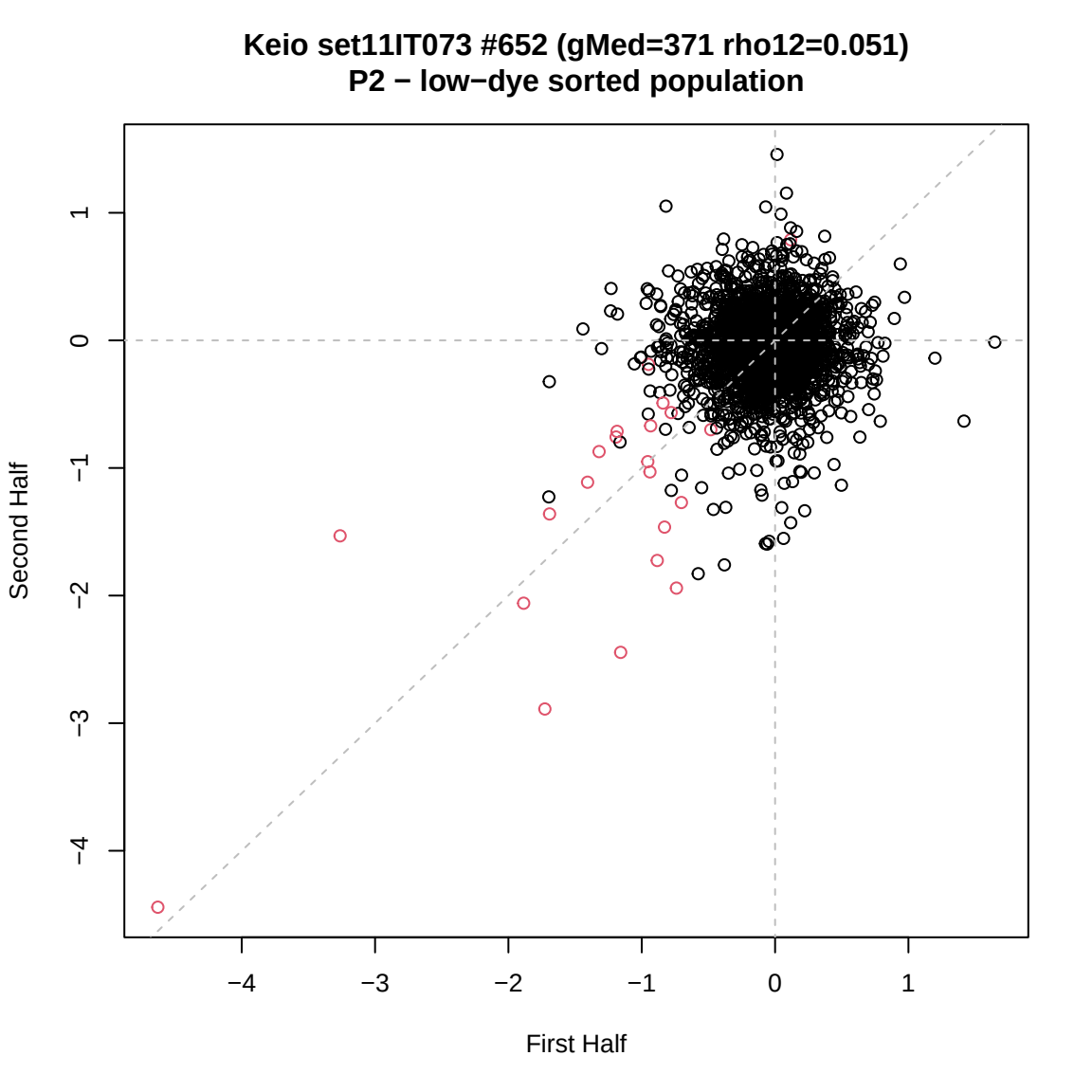

Keio set10IT093 #646 (gMed=124 rho12=0.277)
LB Anaerobic with Ramoplanin 0.0000625 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

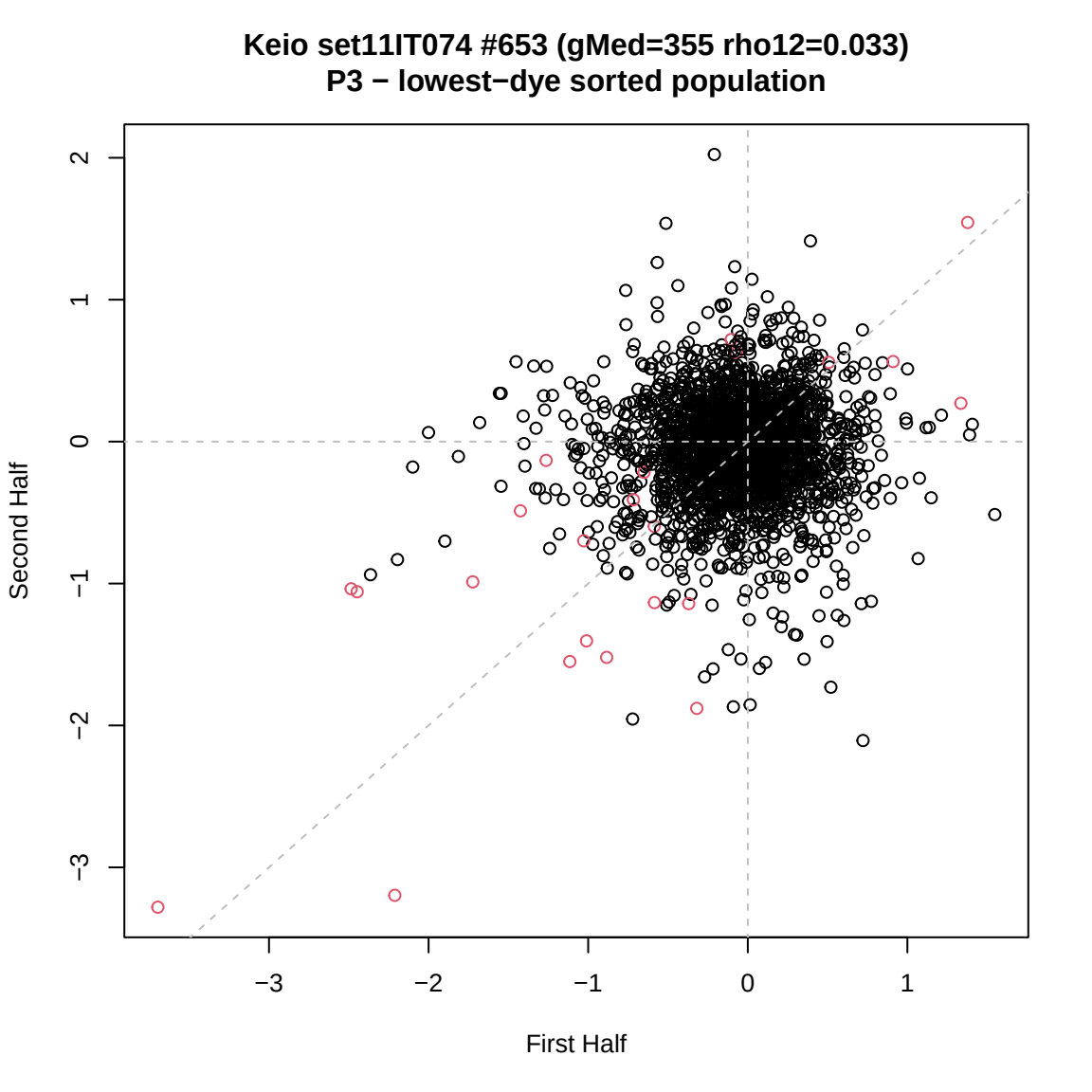

Keio set10IT094 #647 (gMed=130 rho12=0.260)
LB Anaerobic with Ramoplanin 0.00003125 mM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

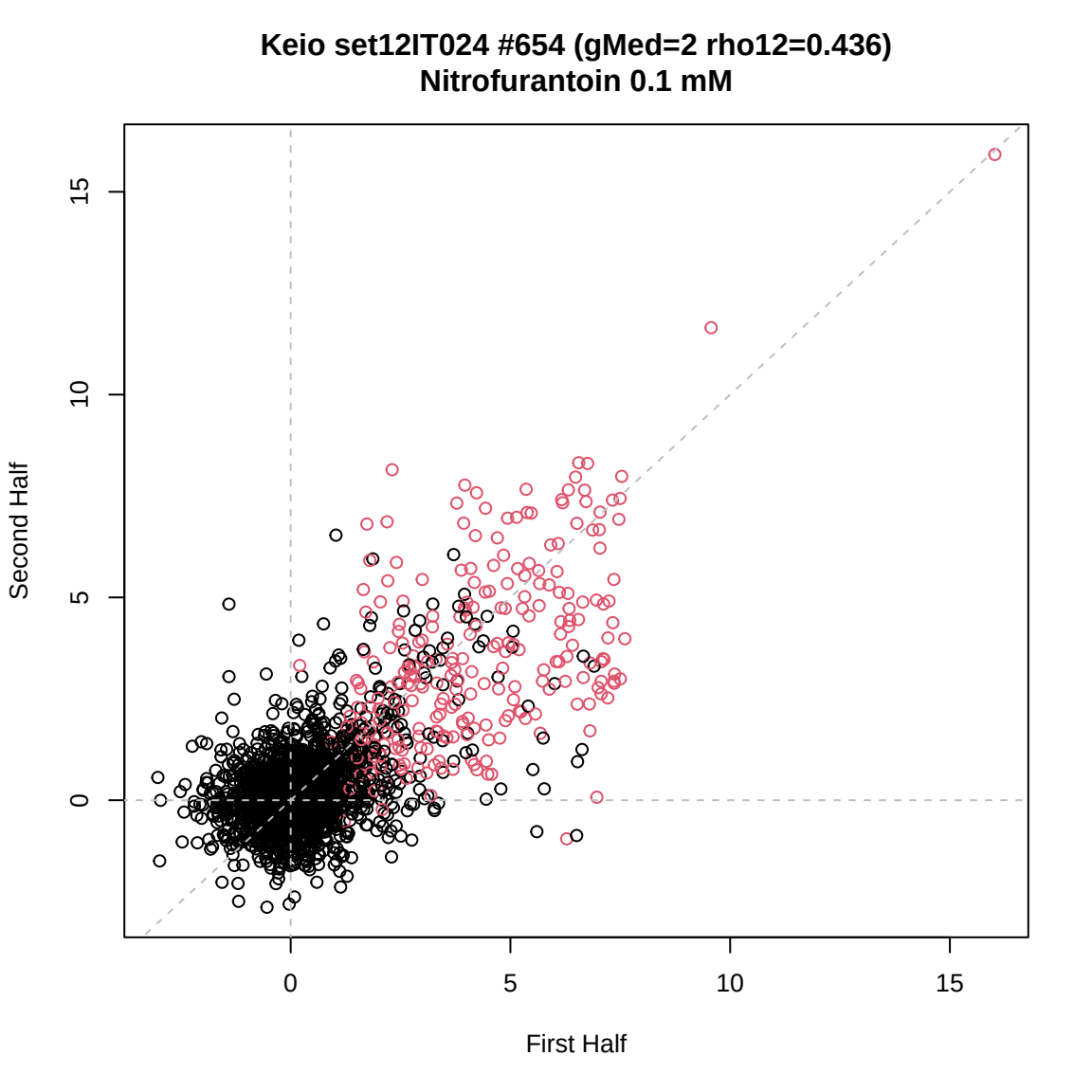

Keio set10IT095 #648 (gMed=118 rho12=0.231)
LB Anaerobic with Norfloxacin 0.00000015625 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

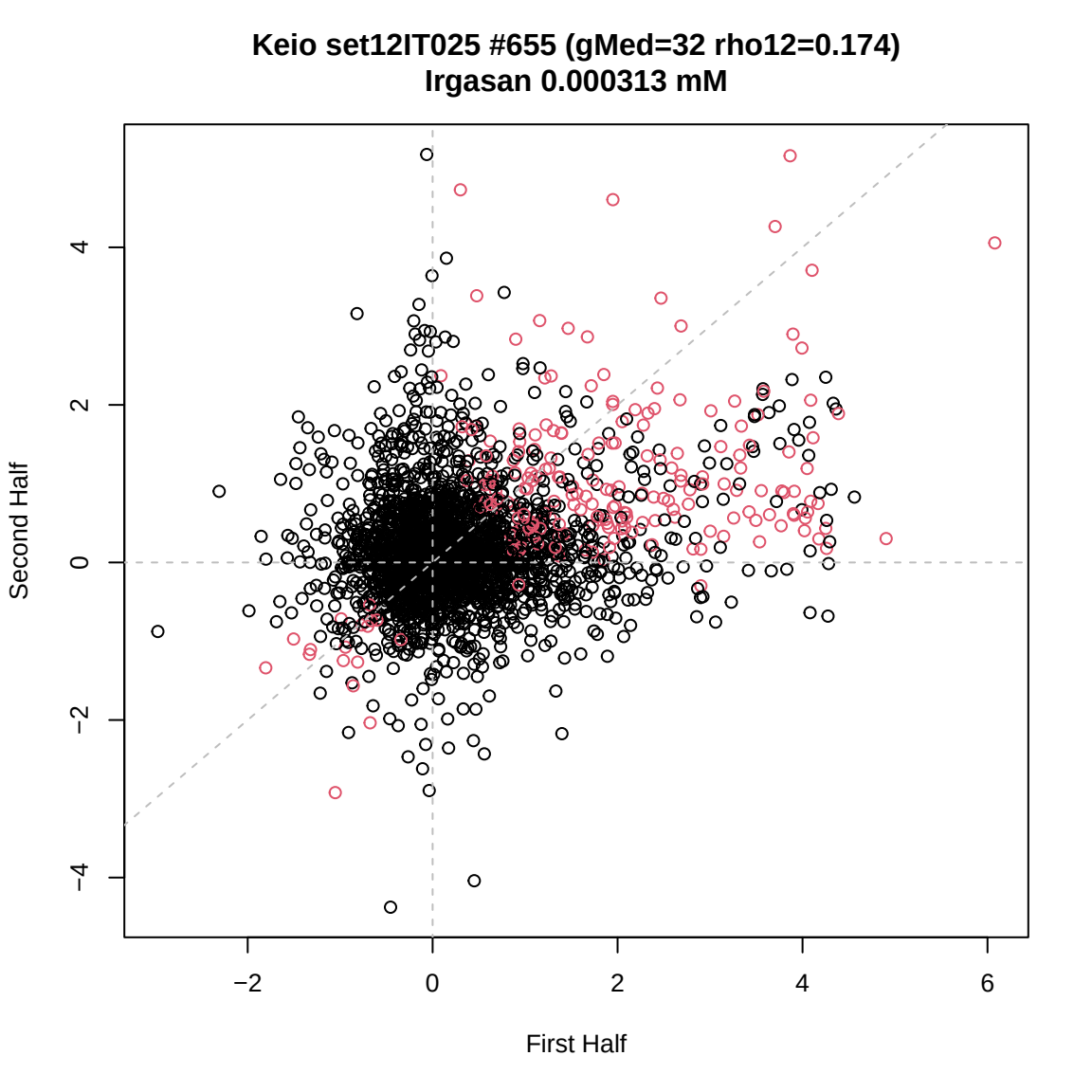

Keio set10IT096 #649 (gMed=118 rho12=0.266)
LB Anaerobic with Norfloxacin 0.0000000390625 mM
Second Half
First Half
−3
−2
−1
0
1
2

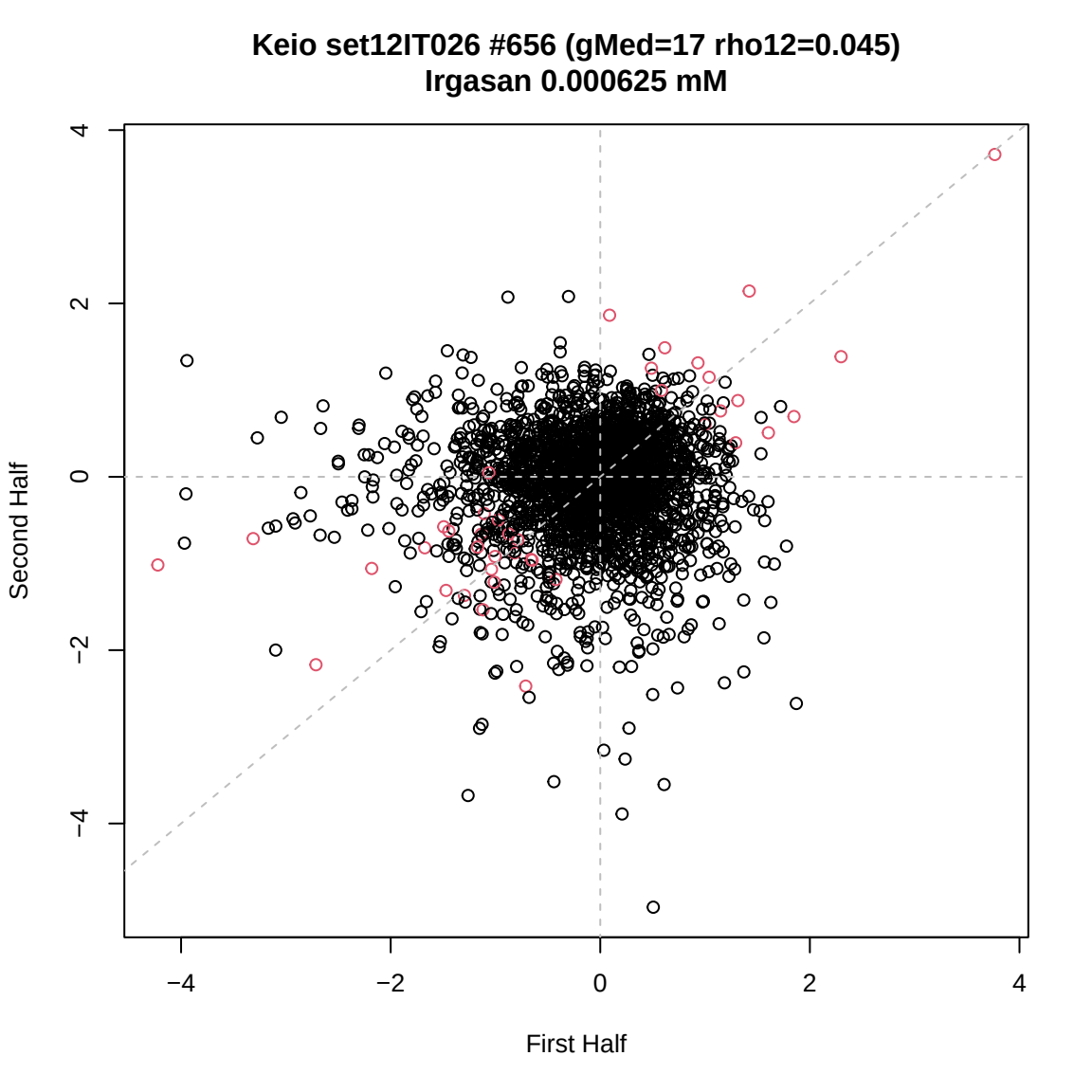

Keio set11IT072 #651 (gMed=436 rho12=0.049)
P1 − High−dye sorted population
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

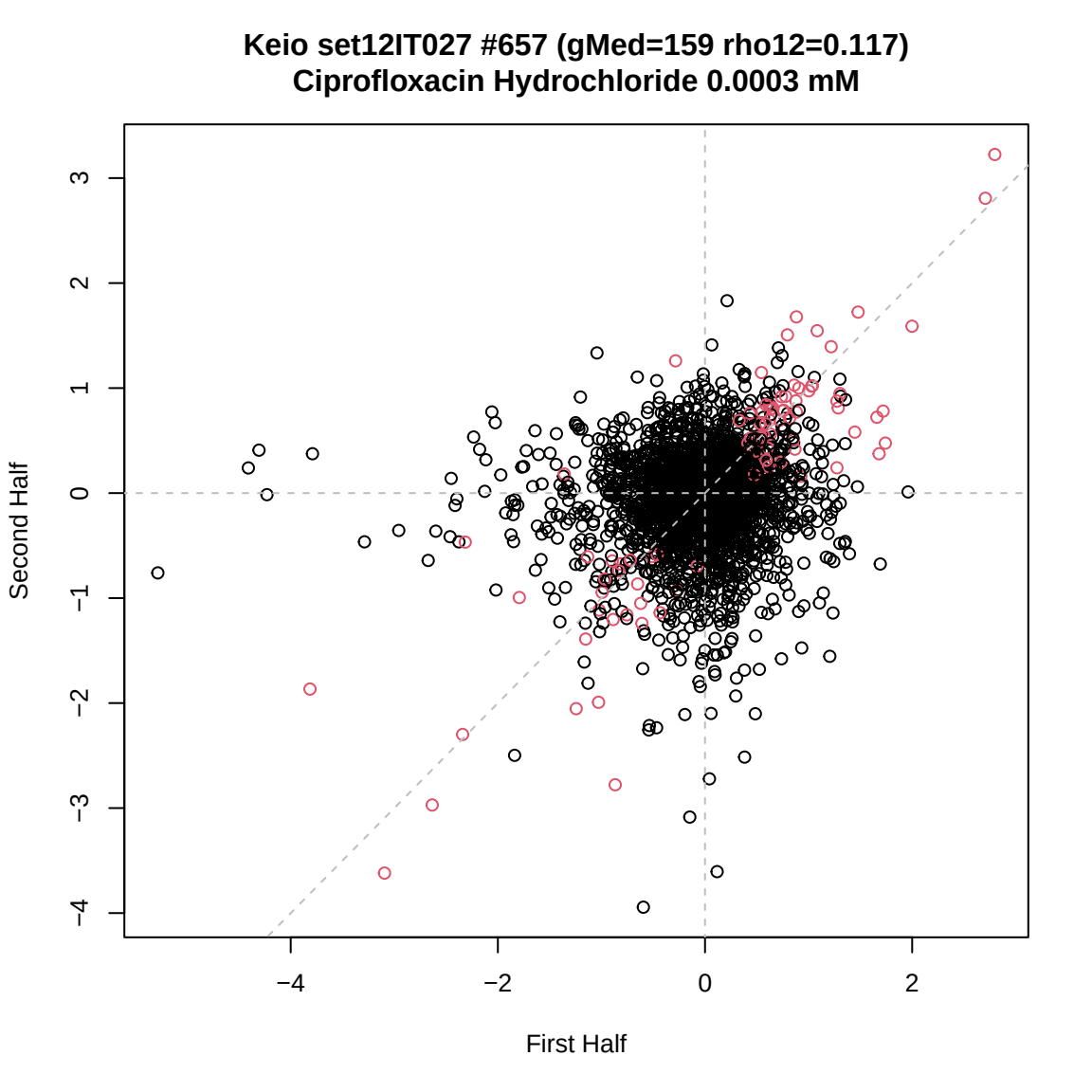

Keio set11IT073 #652 (gMed=371 rho12=0.051)
P2 − low−dye sorted population
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

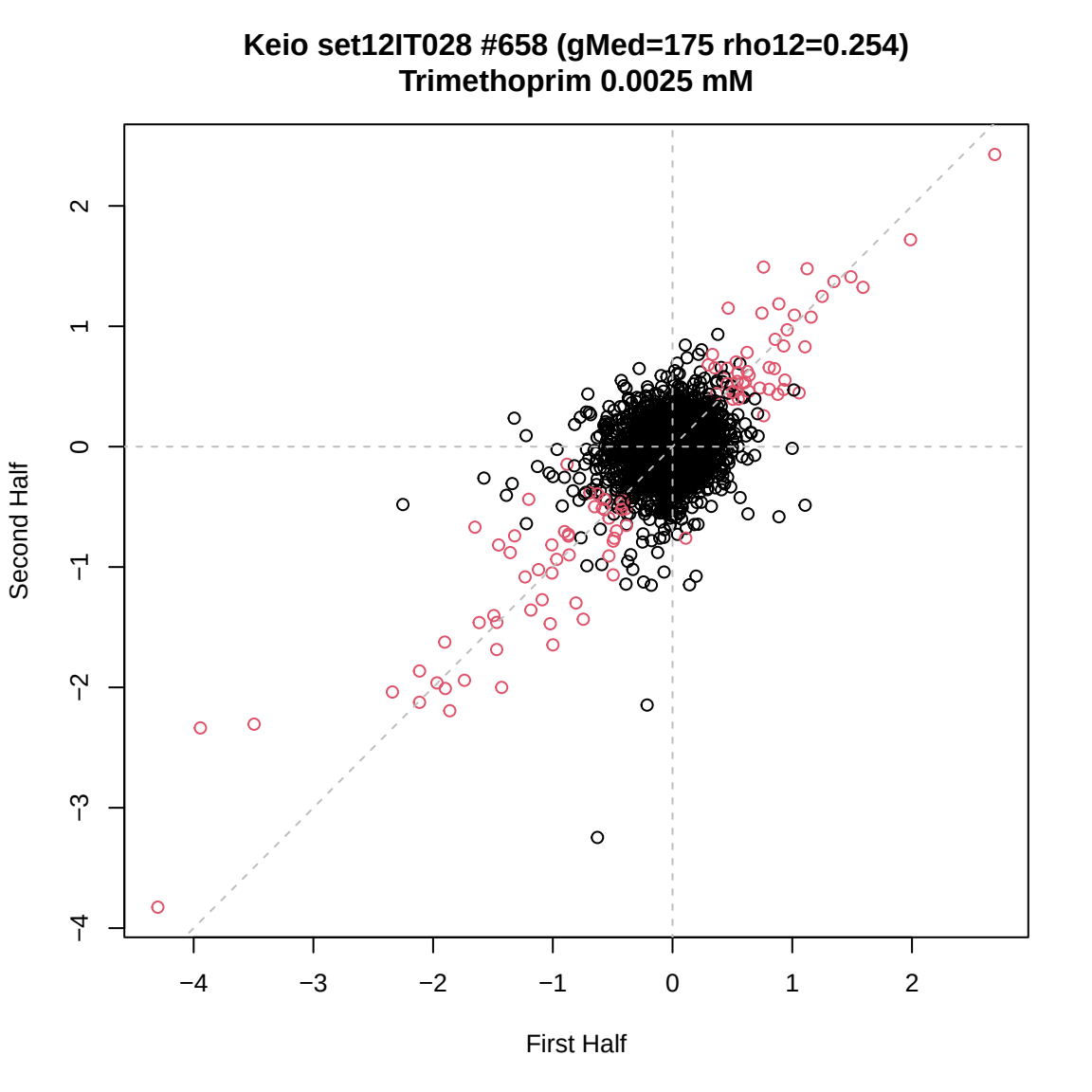

Keio set11IT074 #653 (gMed=355 rho12=0.033)
P3 − lowest−dye sorted population
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1

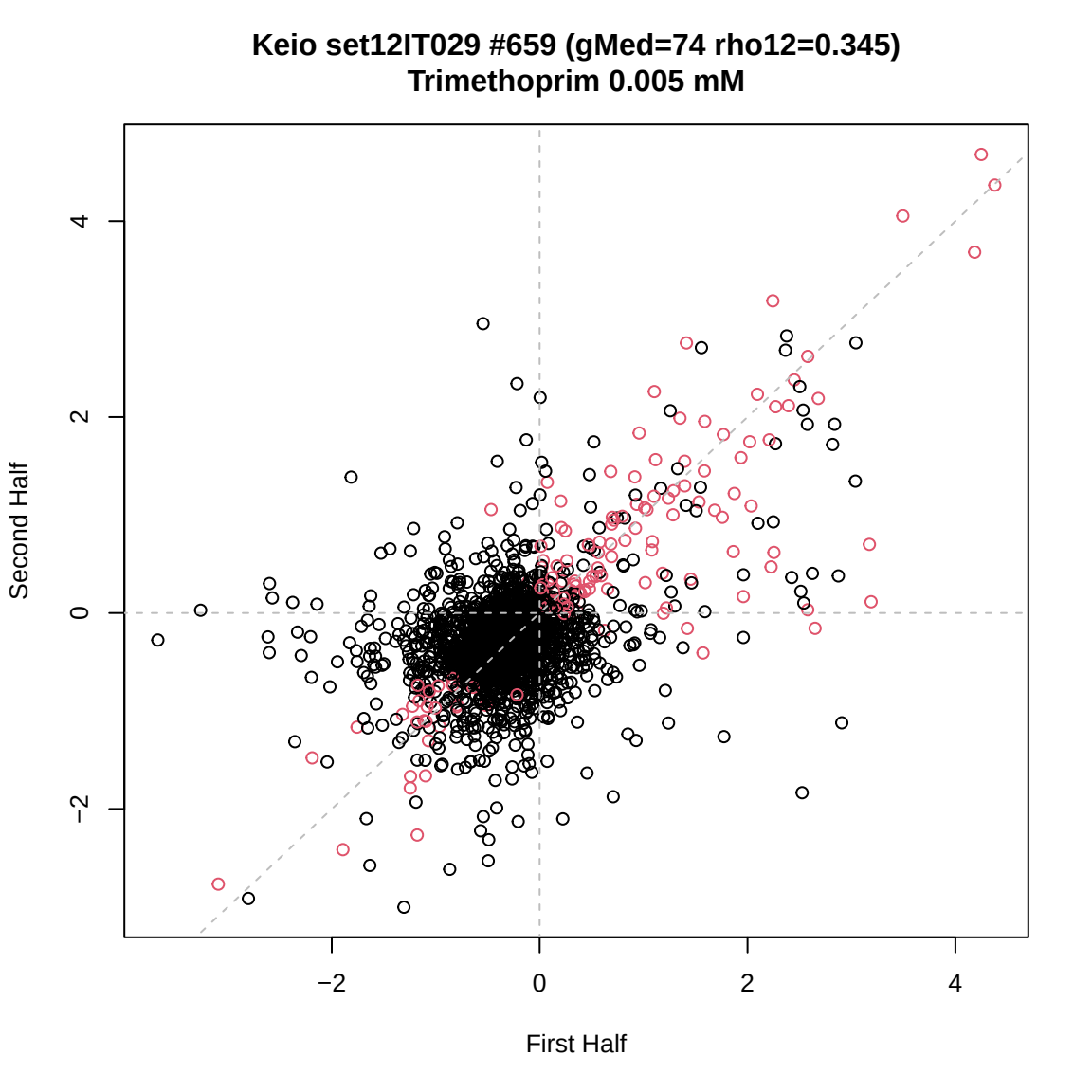

Keio set12IT024 #654 (gMed=2 rho12=0.436)
Nitrofurantoin 0.1 mM
Second Half
First Half
0
5
10
15

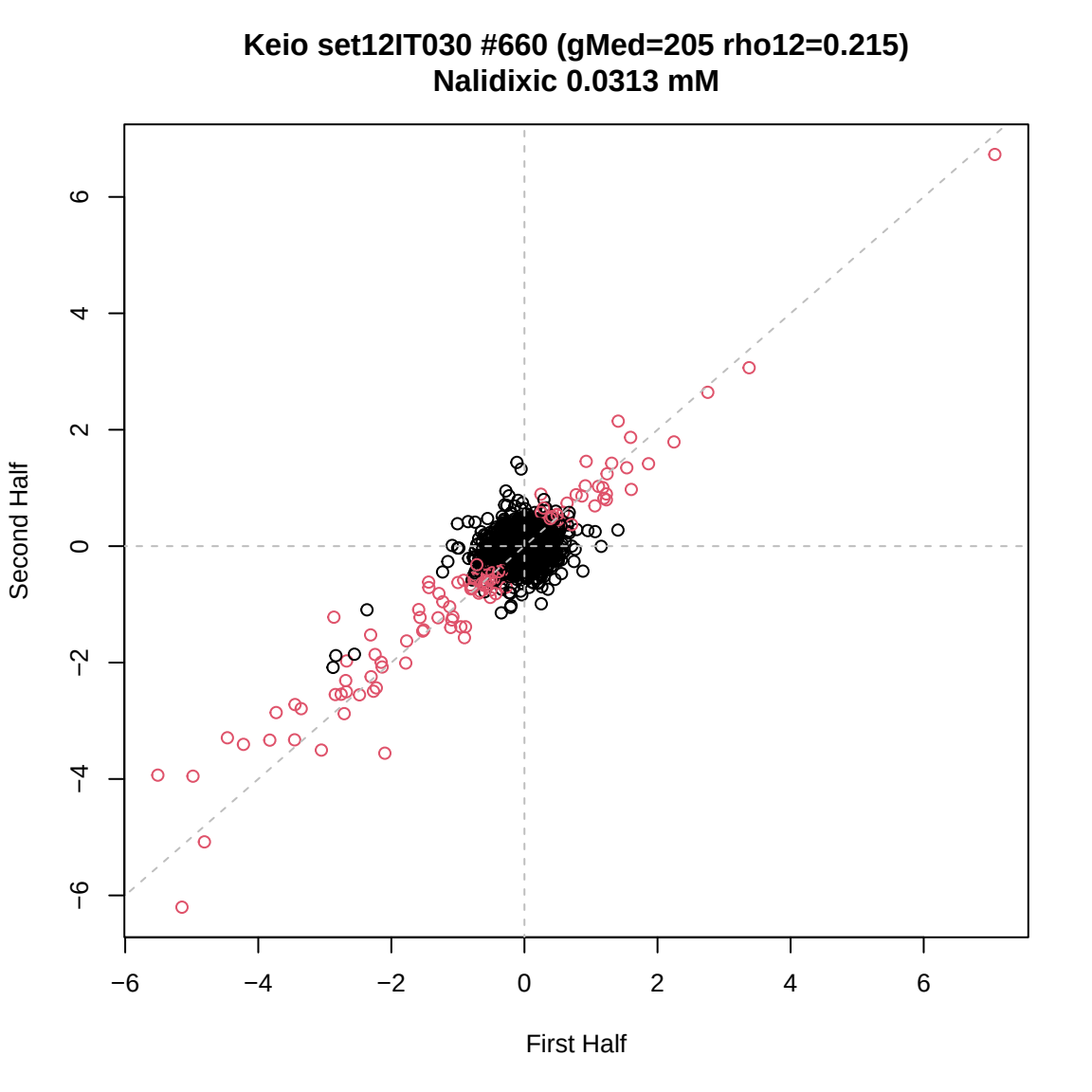

Keio set12IT025 #655 (gMed=32 rho12=0.174)
Irgasan 0.000313 mM
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6

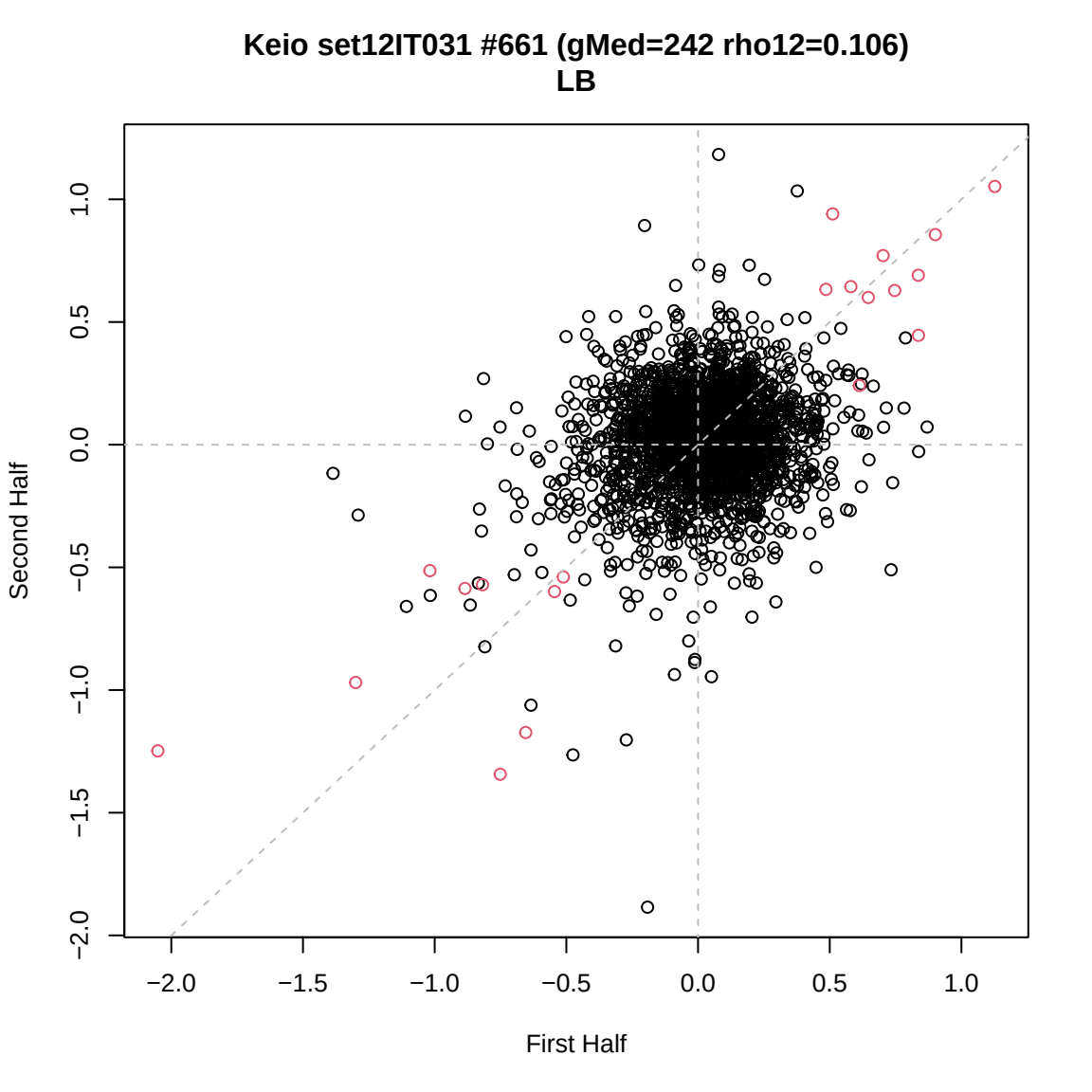

Keio set12IT026 #656 (gMed=17 rho12=0.045)
Irgasan 0.000625 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

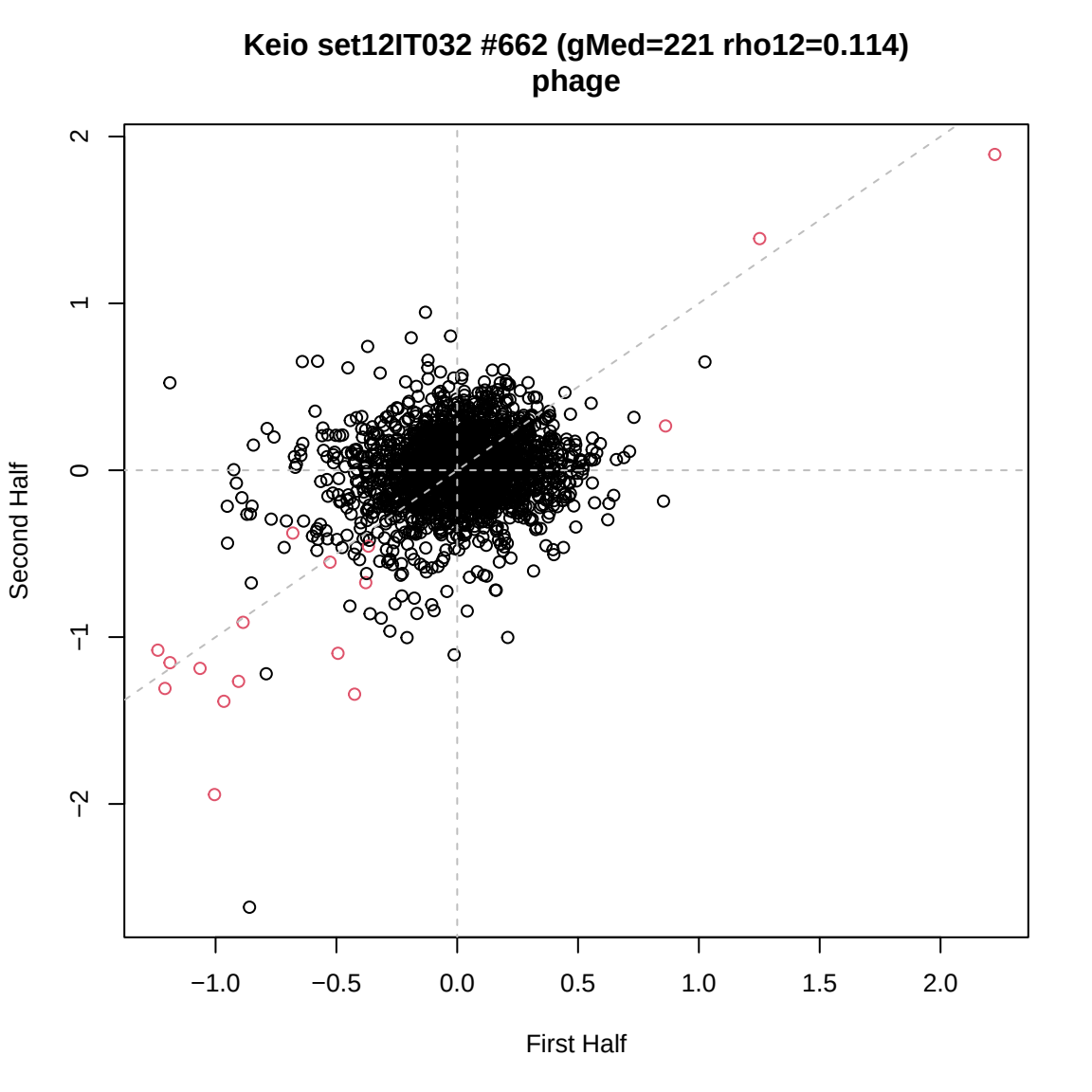

Keio set12IT027 #657 (gMed=159 rho12=0.117)
Ciprofloxacin Hydrochloride 0.0003 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2

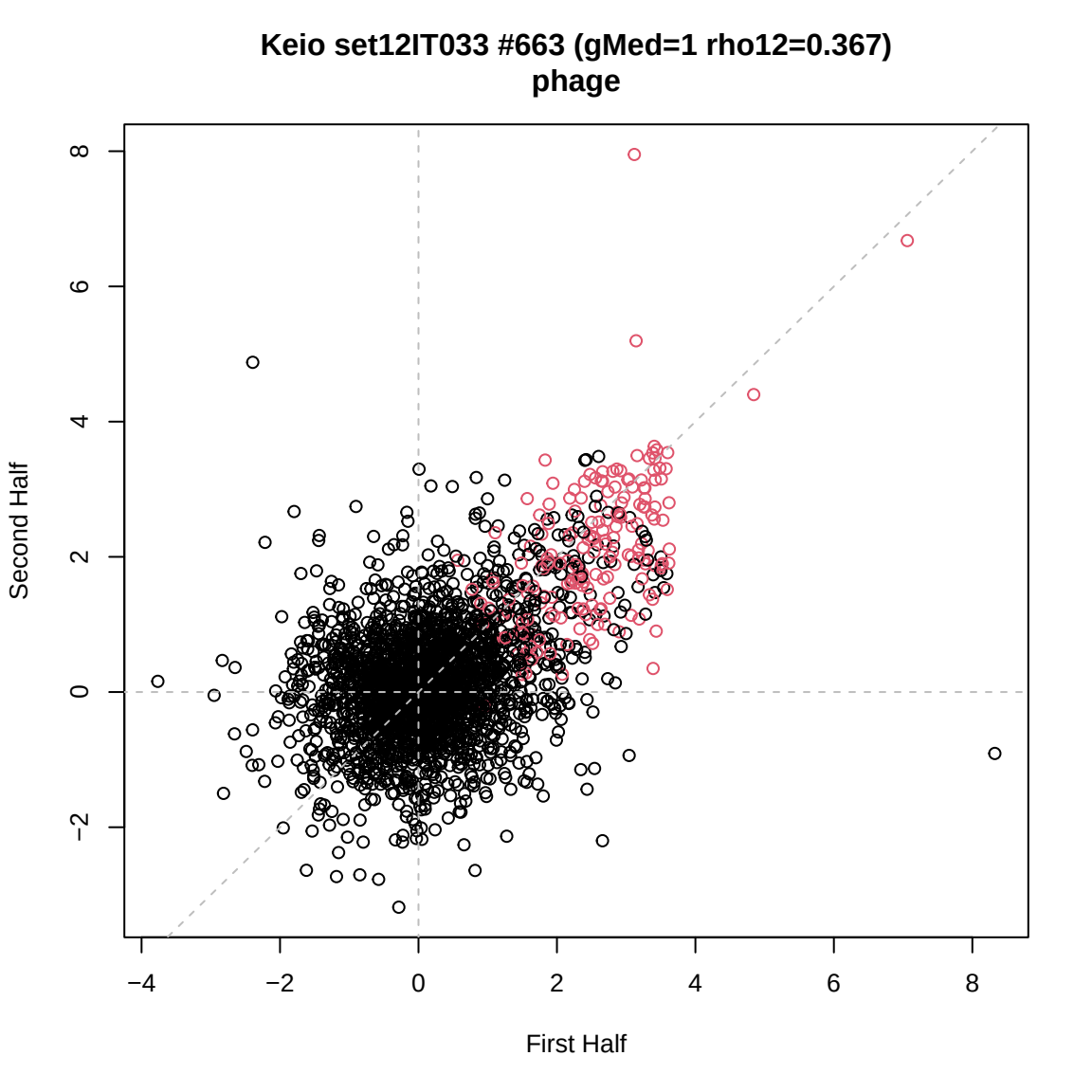

Keio set12IT028 #658 (gMed=175 rho12=0.254)
Trimethoprim 0.0025 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

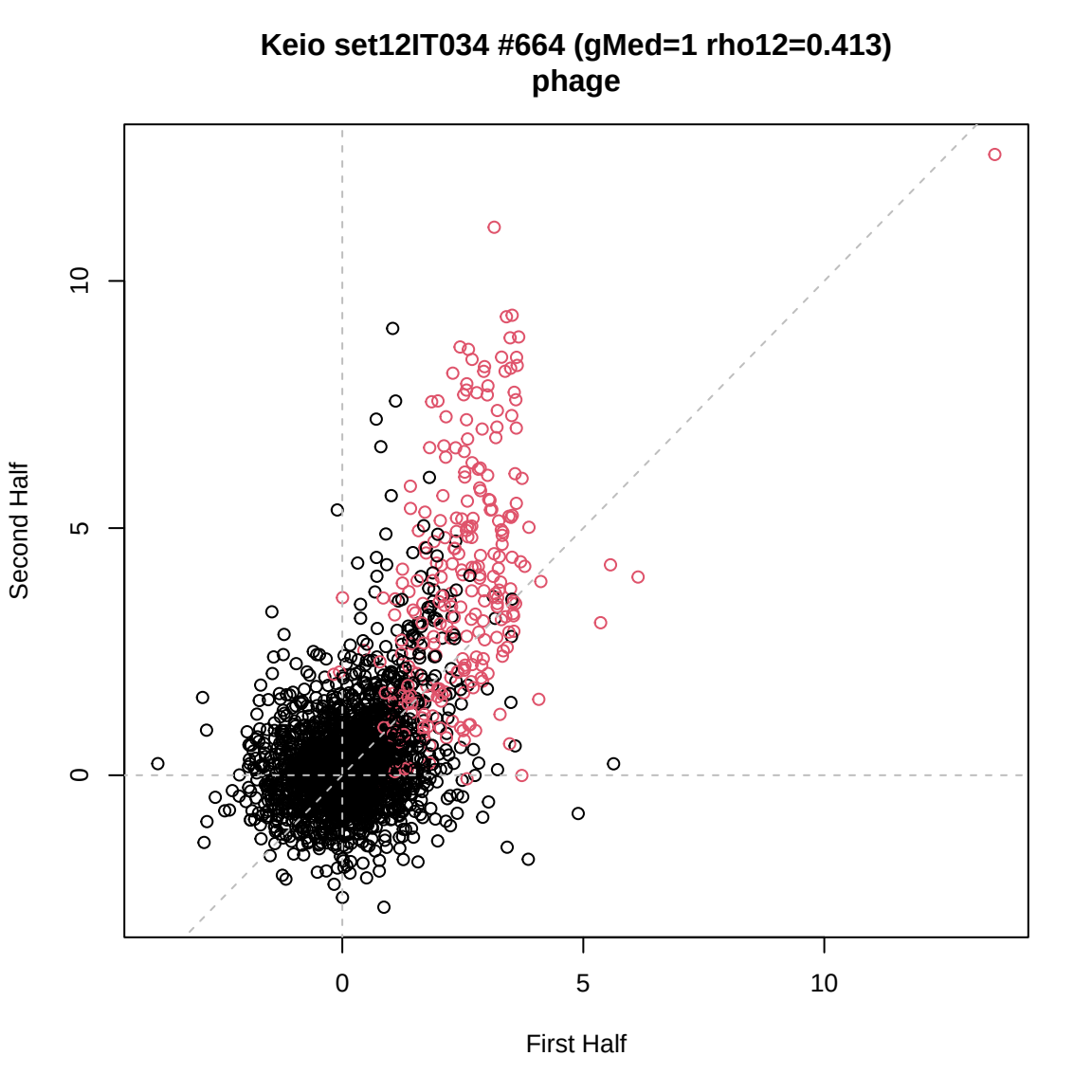

Keio set12IT029 #659 (gMed=74 rho12=0.345)
Trimethoprim 0.005 mM
Second Half
First Half
4
2
0
−2
−2
0
2
4

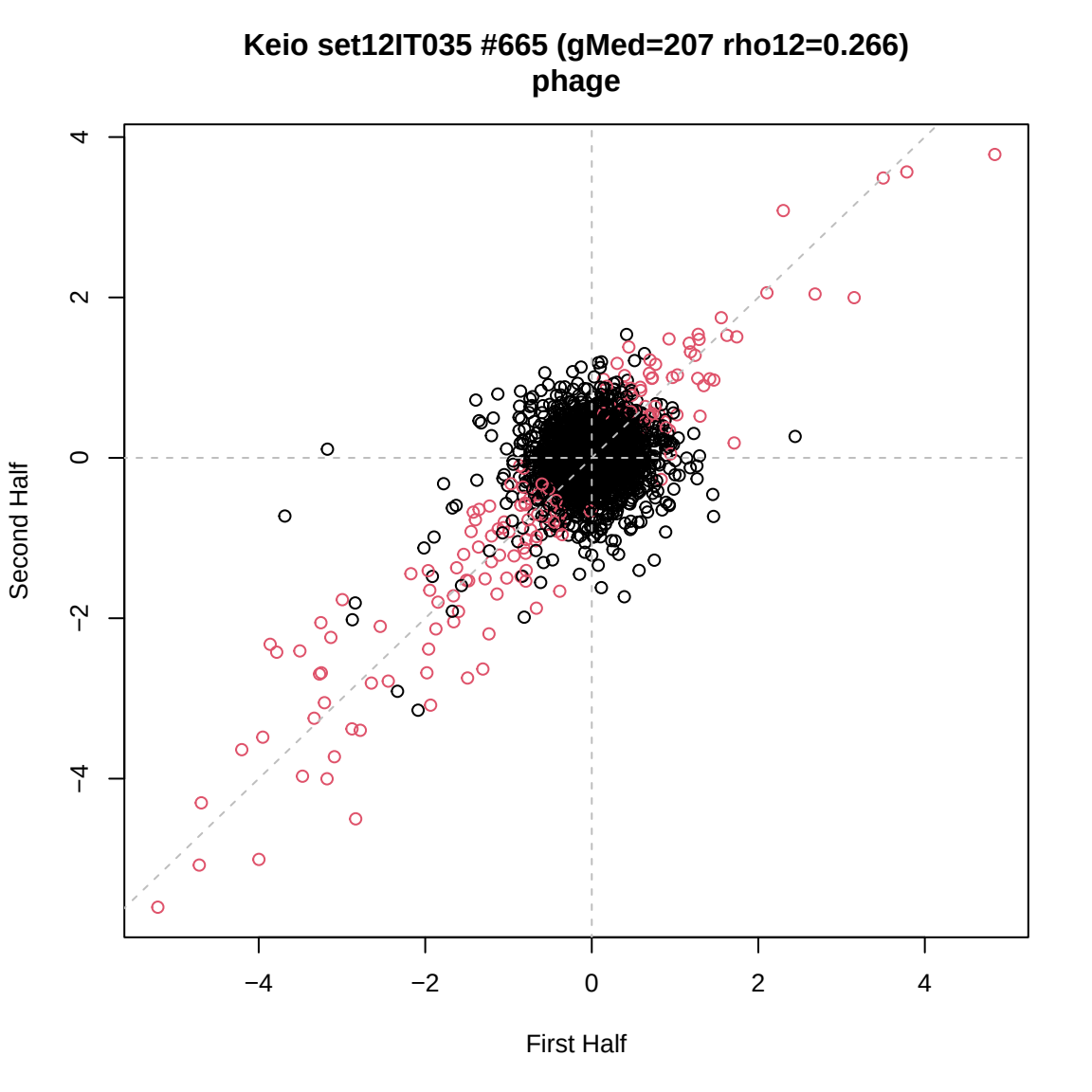

Keio set12IT030 #660 (gMed=205 rho12=0.215)
Nalidixic 0.0313 mM
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

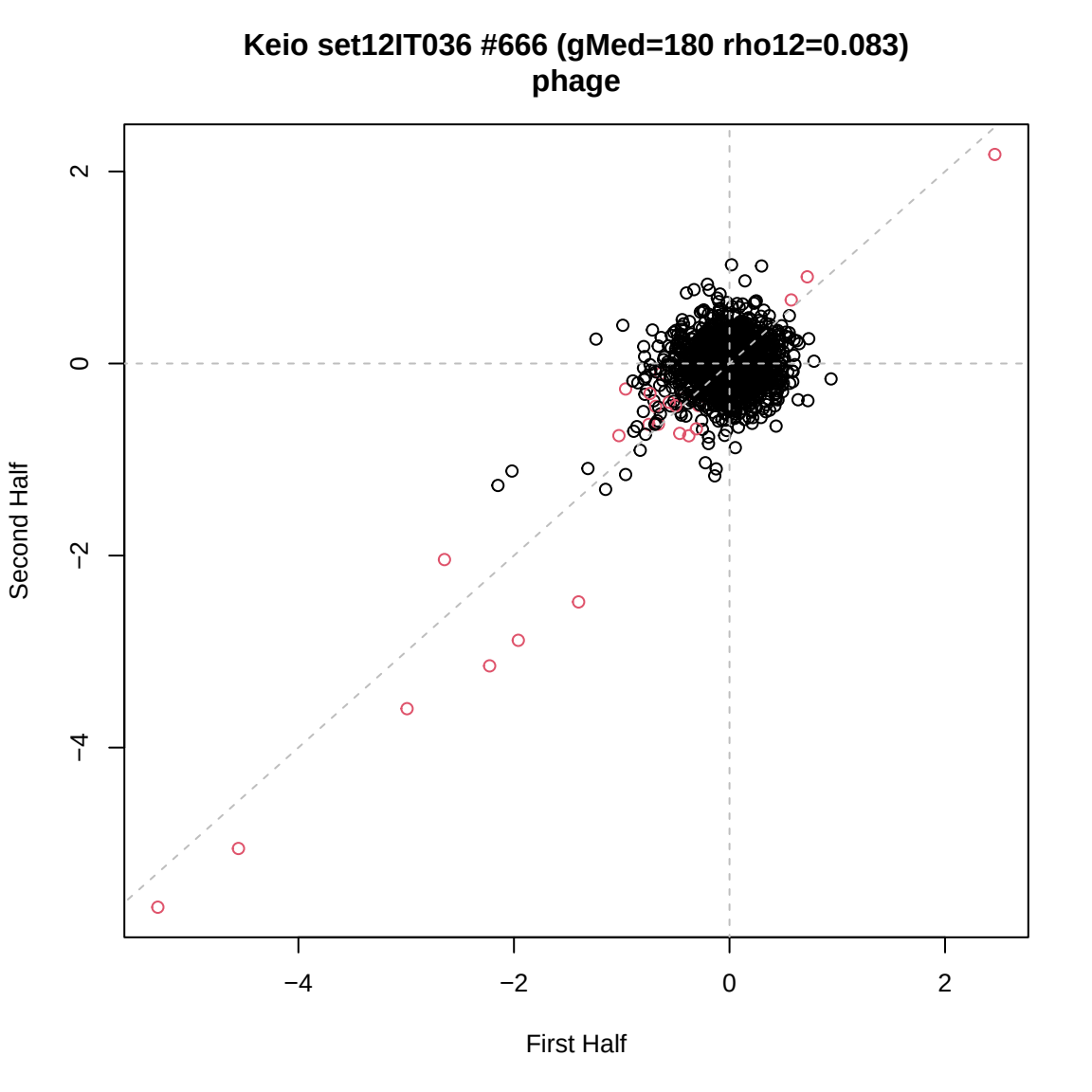

Keio set12IT031 #661 (gMed=242 rho12=0.106)
LB
Second Half
First Half
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

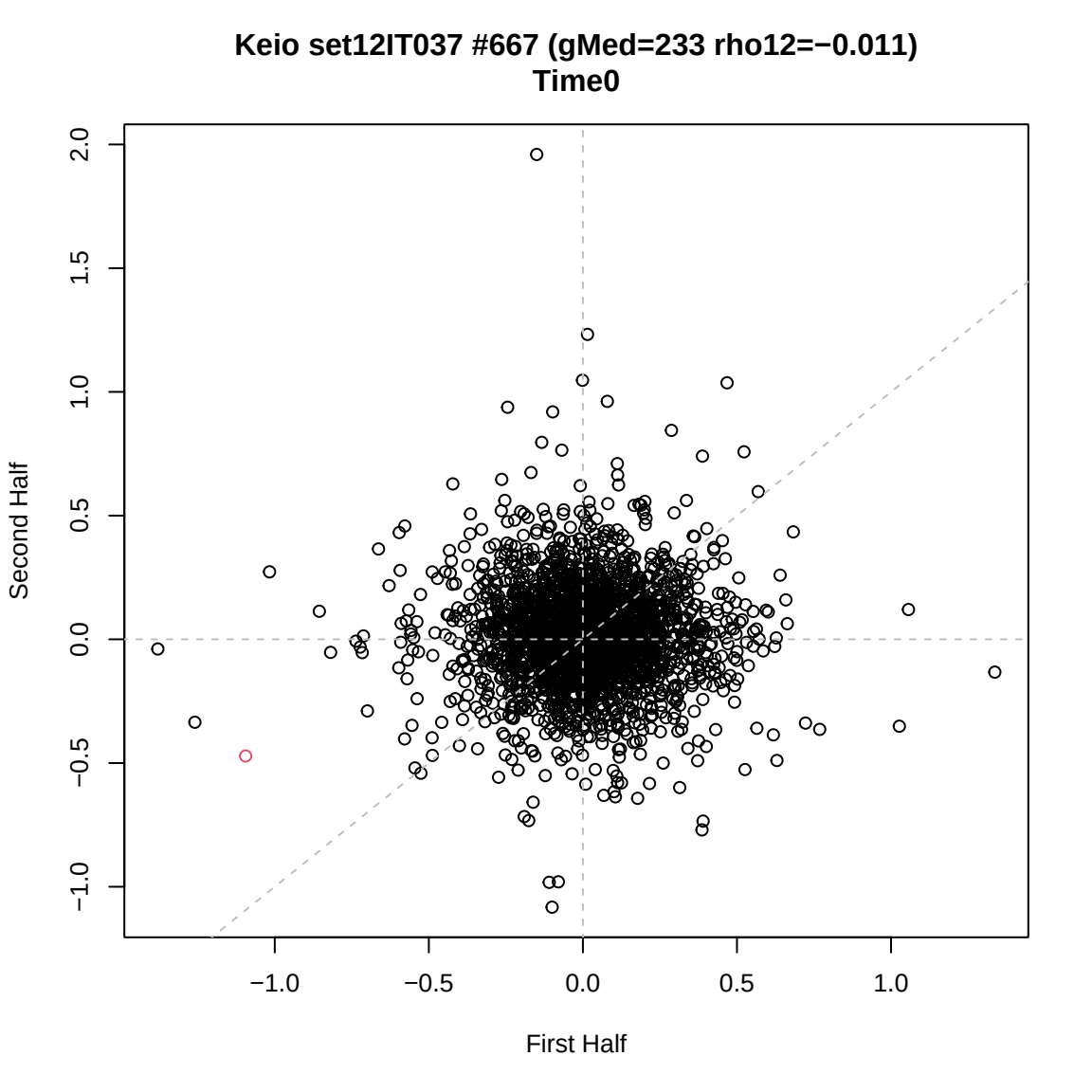

Keio set12IT032 #662 (gMed=221 rho12=0.114)
phage
Second Half
First Half
2
1
0
−1
−2
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

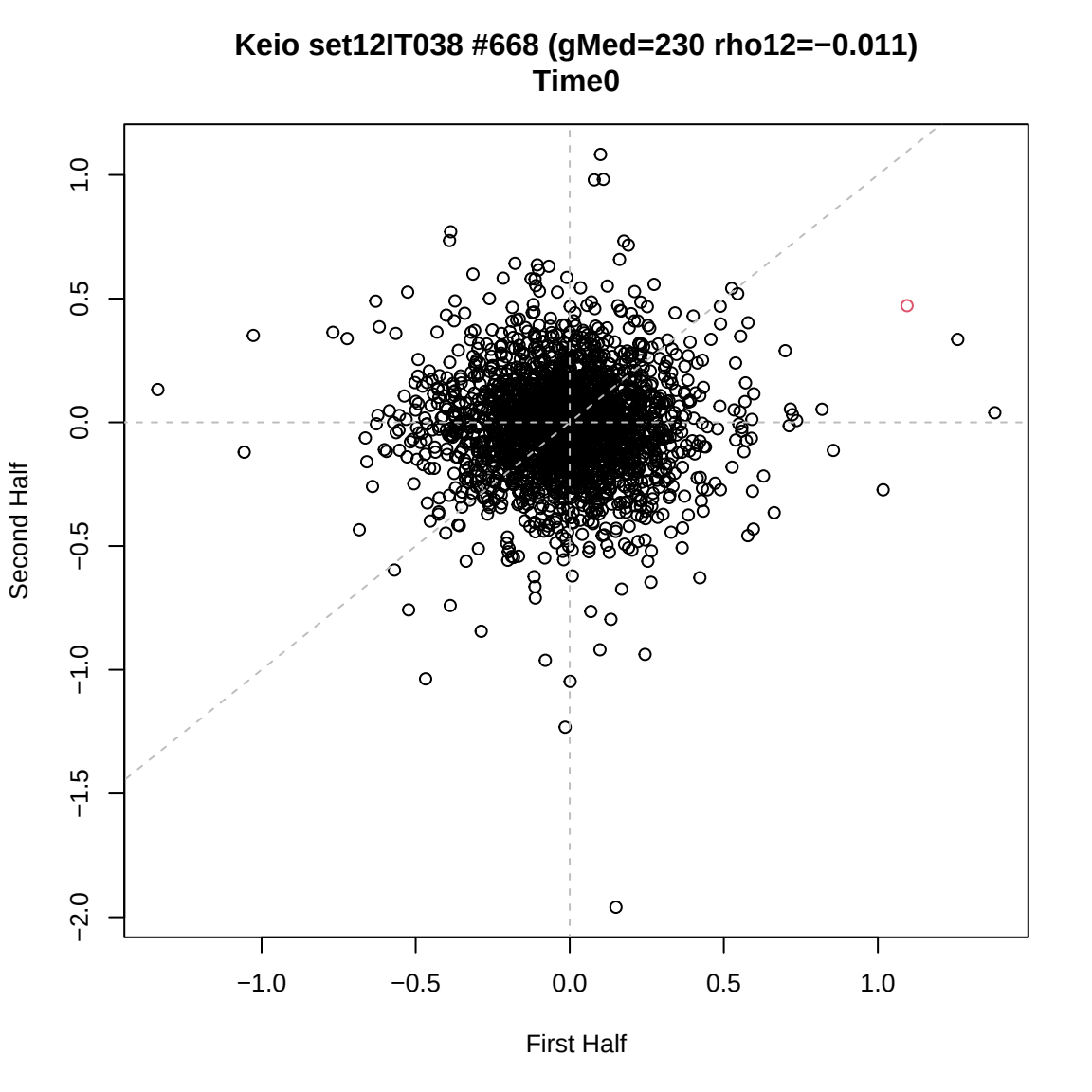

Keio set12IT033 #663 (gMed=1 rho12=0.367)
phage
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

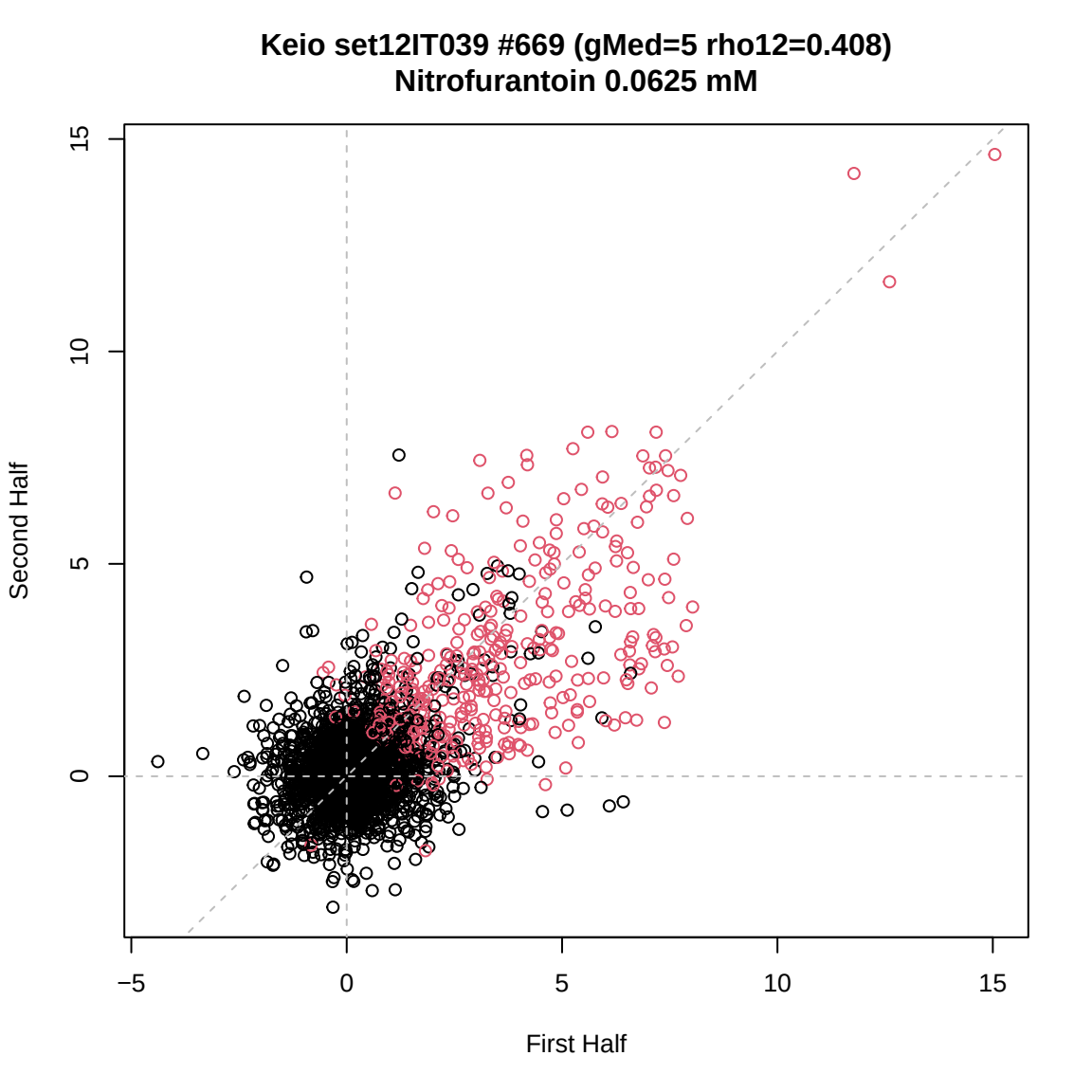

Keio set12IT034 #664 (gMed=1 rho12=0.413)
phage
Second Half
First Half
0
5
10
0
5
10

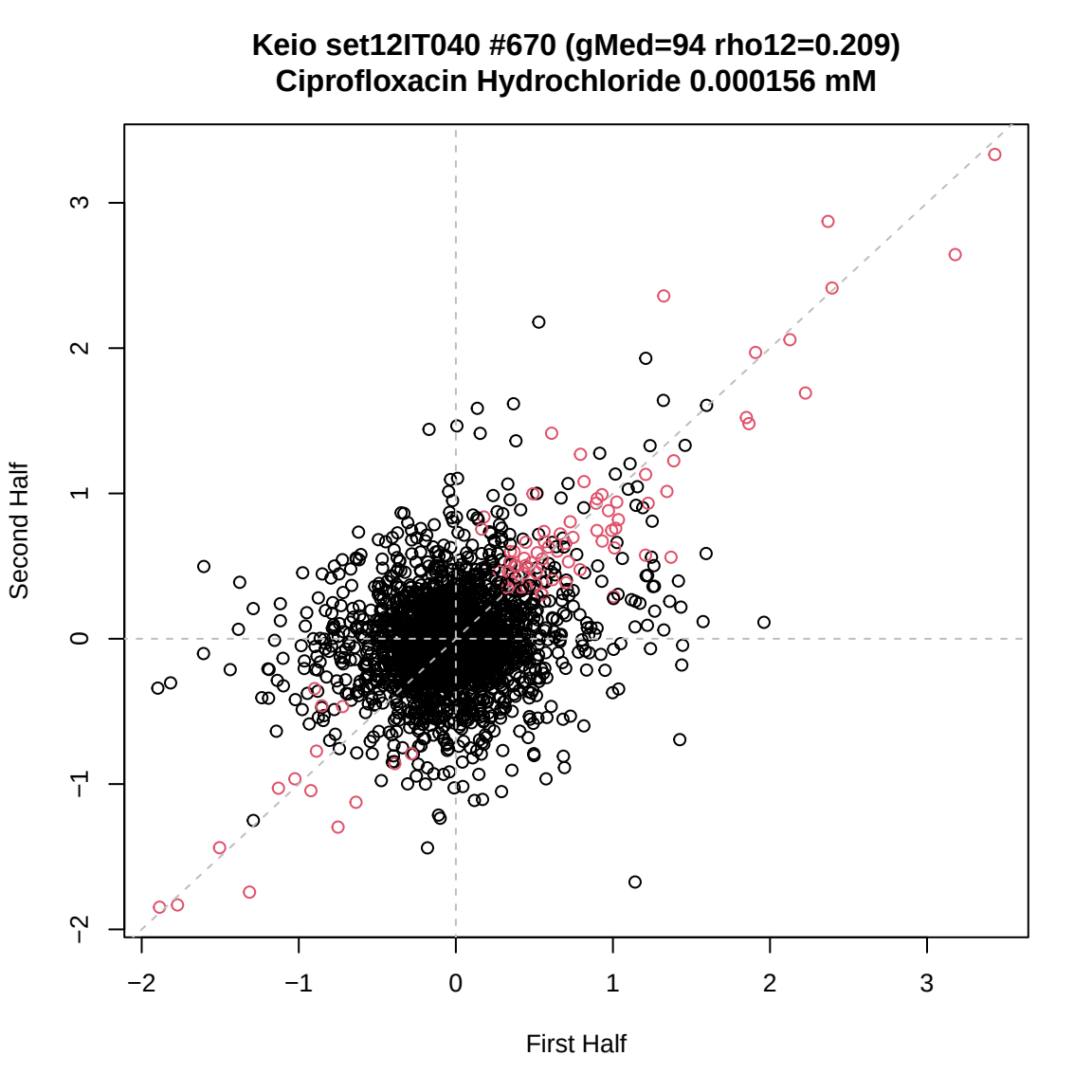

Keio set12IT035 #665 (gMed=207 rho12=0.266)
phage
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

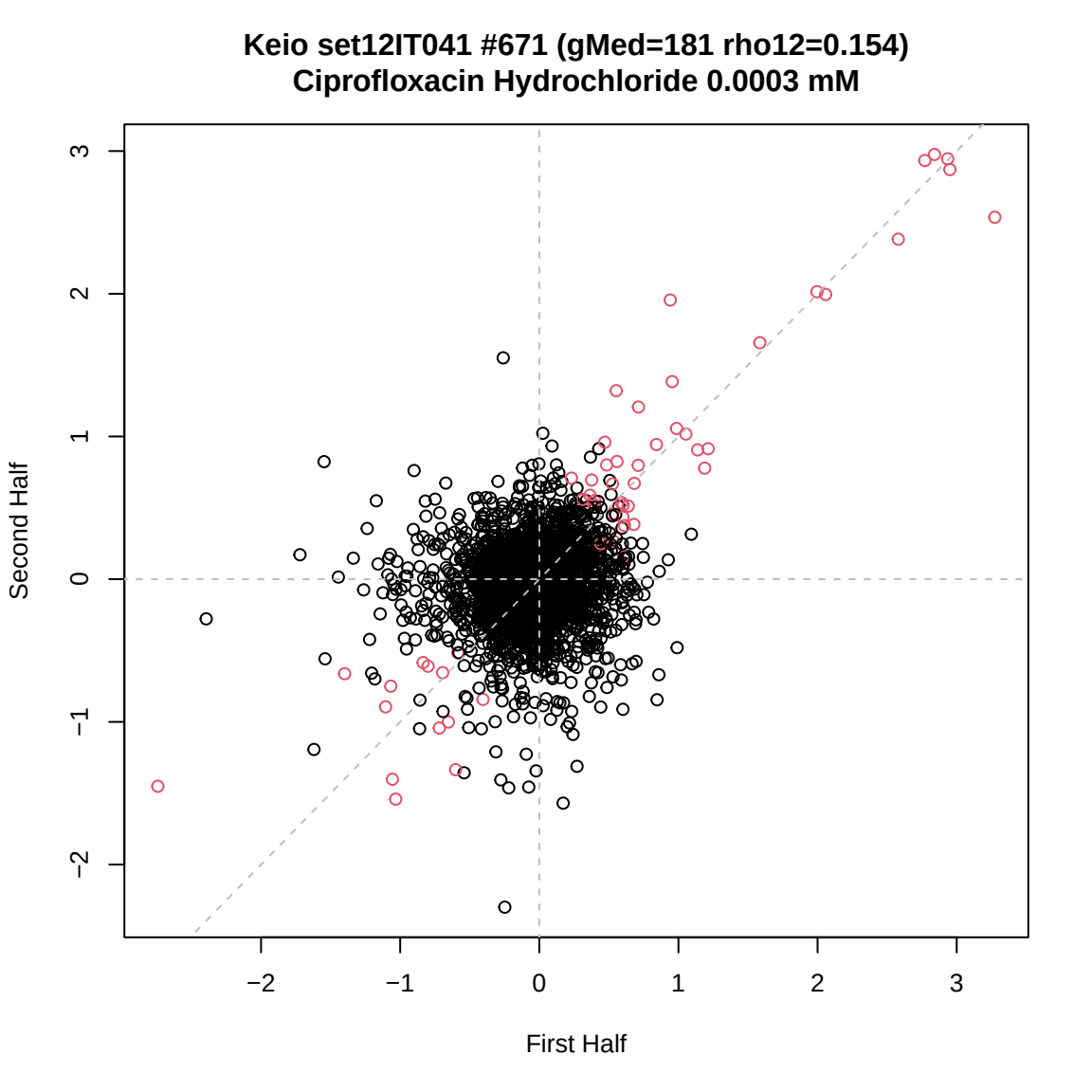

Keio set12IT036 #666 (gMed=180 rho12=0.083)
phage
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

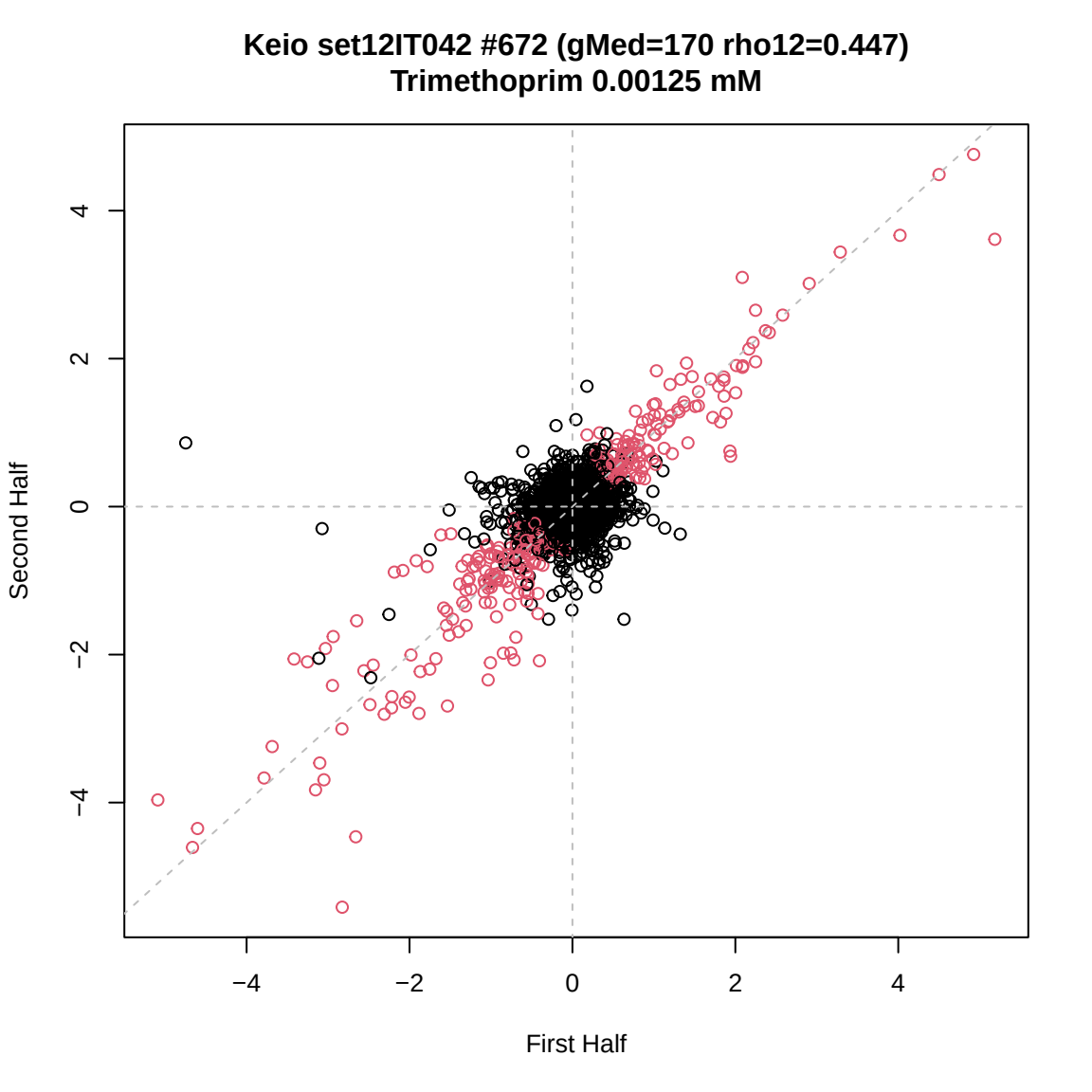

Keio set12IT037 #667 (gMed=233 rho12=−0.011)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

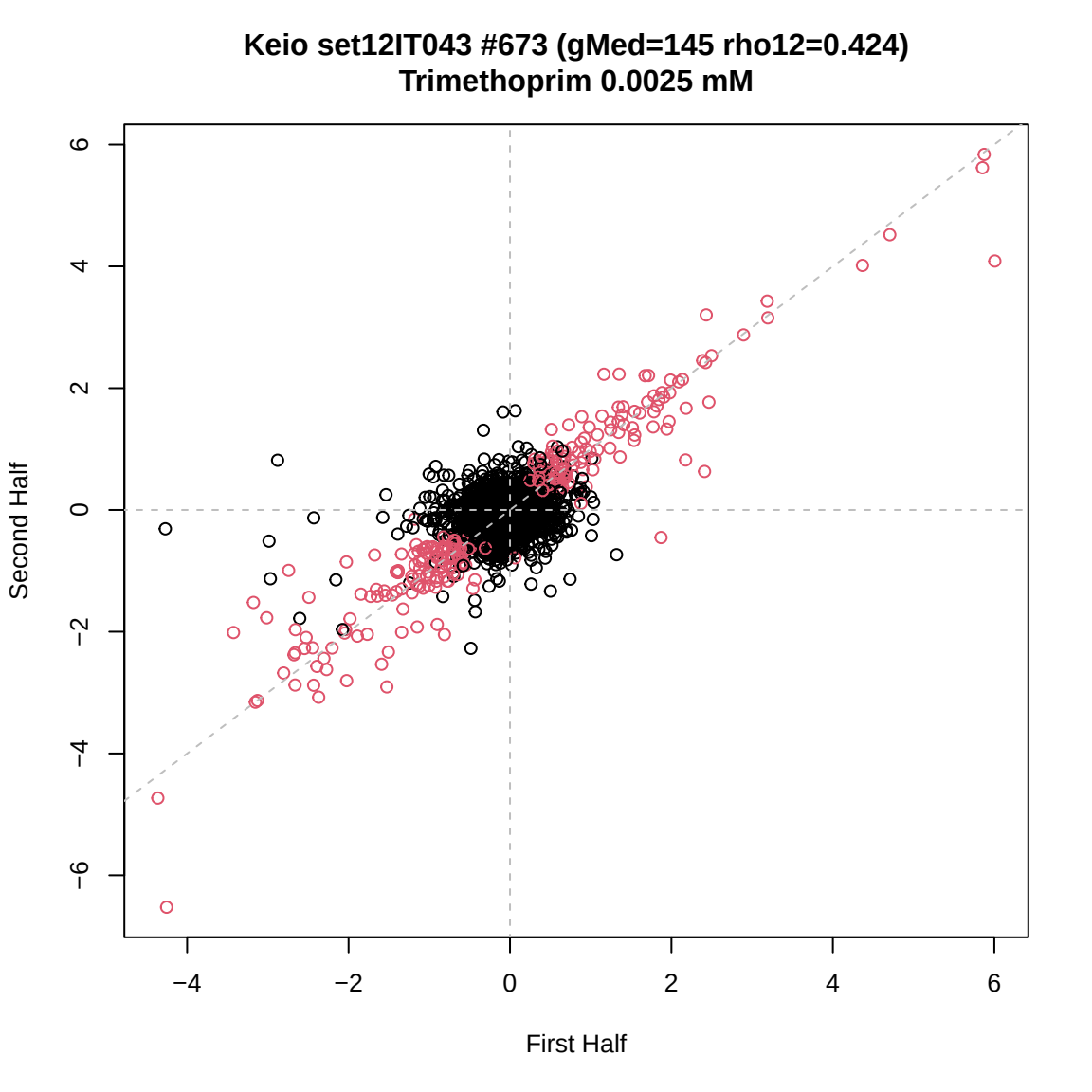

Keio set12IT038 #668 (gMed=230 rho12=−0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

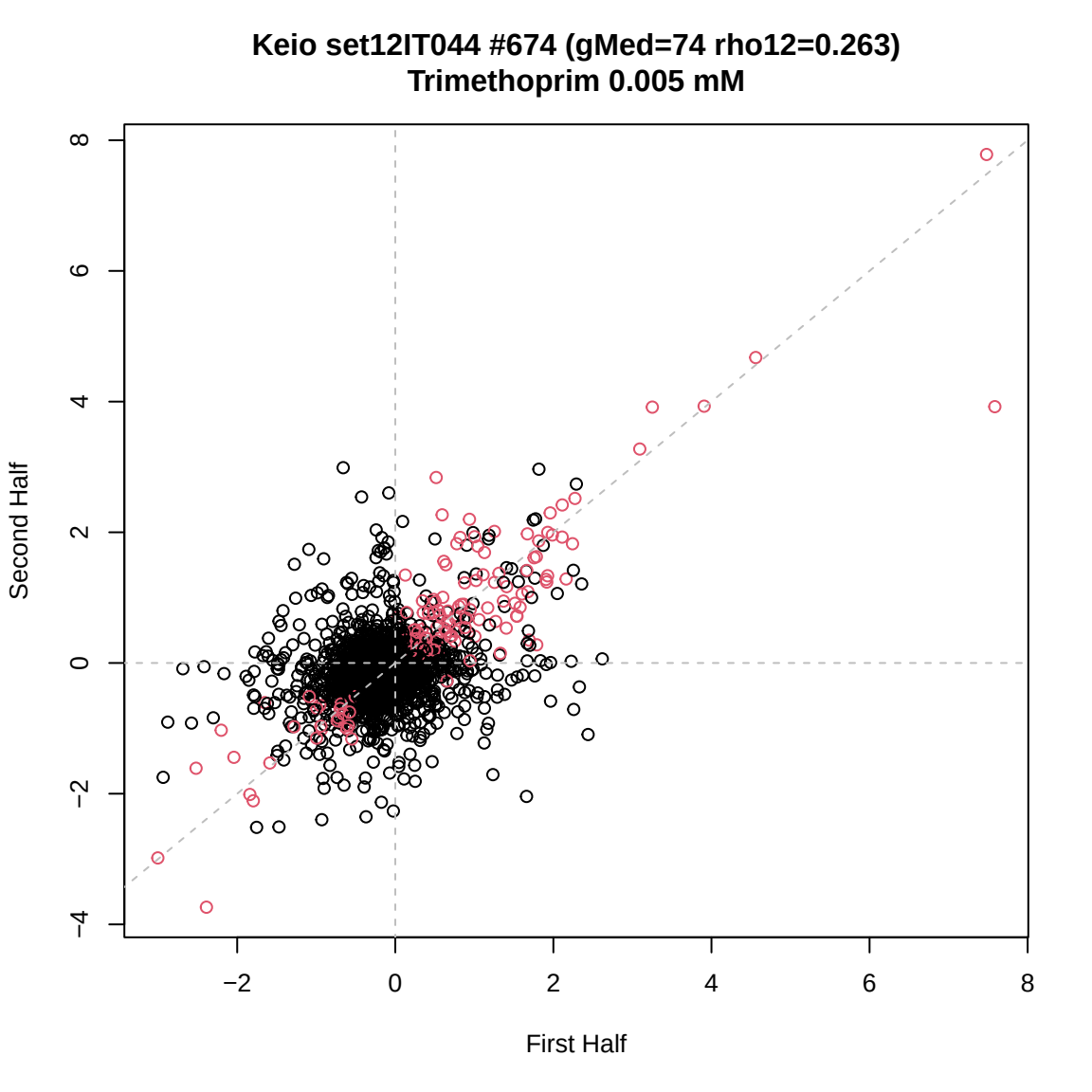

Keio set12IT039 #669 (gMed=5 rho12=0.408)
Nitrofurantoin 0.0625 mM
Second Half
First Half
15
10
5
0
−5
0
5
10
15

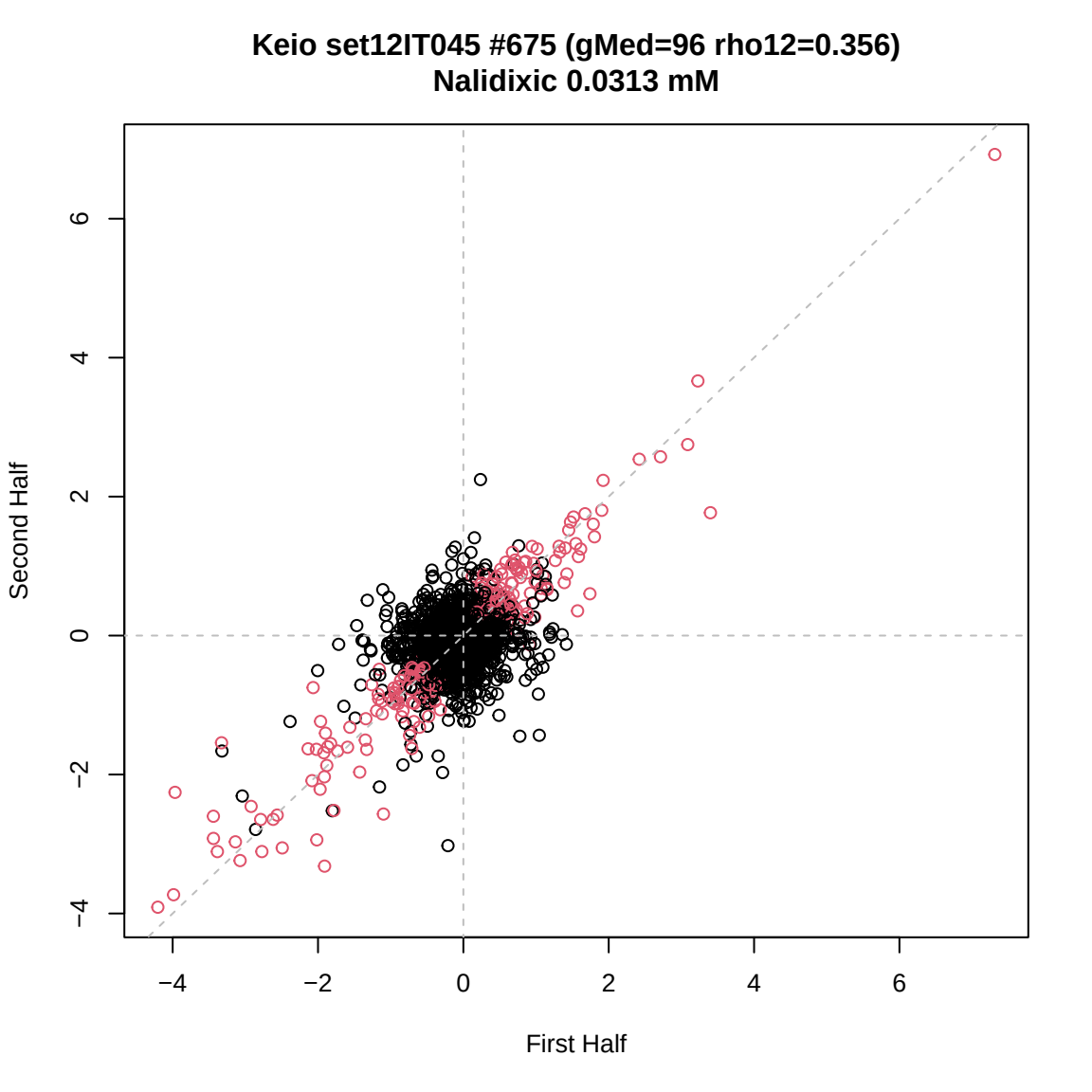

Keio set12IT040 #670 (gMed=94 rho12=0.209)
Ciprofloxacin Hydrochloride 0.000156 mM
Second Half
First Half
−2
−1
0
1
2
3

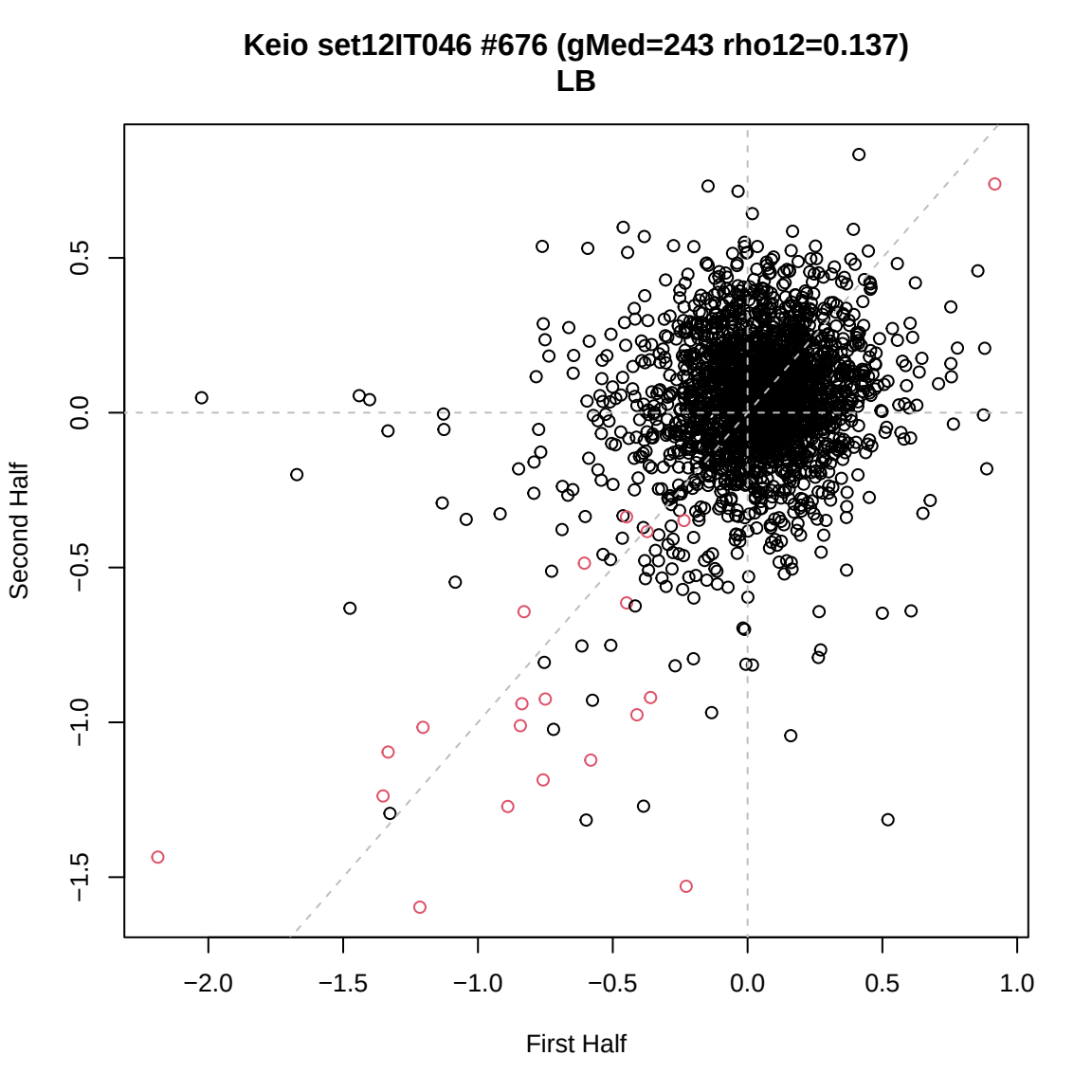

Keio set12IT041 #671 (gMed=181 rho12=0.154)
Ciprofloxacin Hydrochloride 0.0003 mM
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

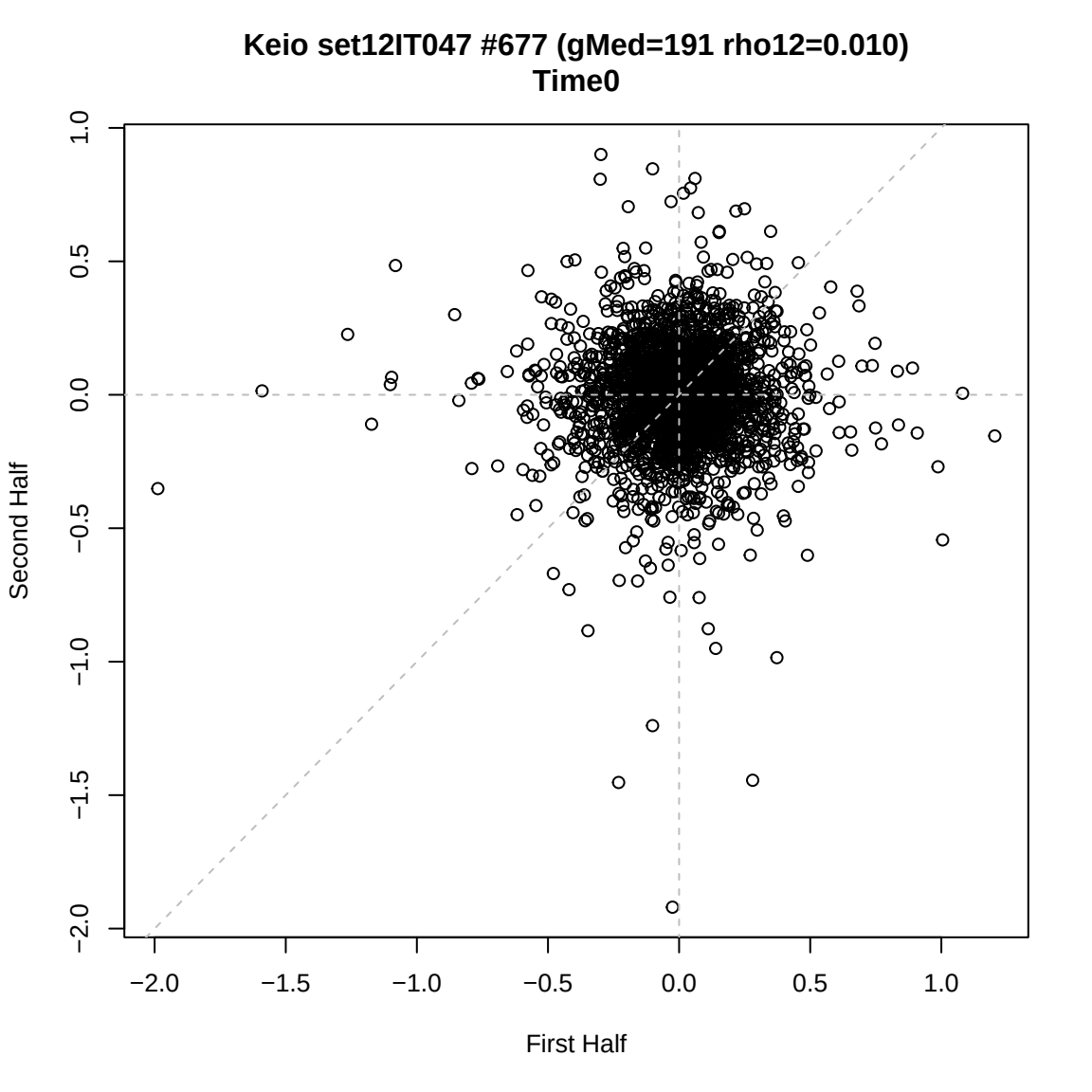

Keio set12IT042 #672 (gMed=170 rho12=0.447)
Trimethoprim 0.00125 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

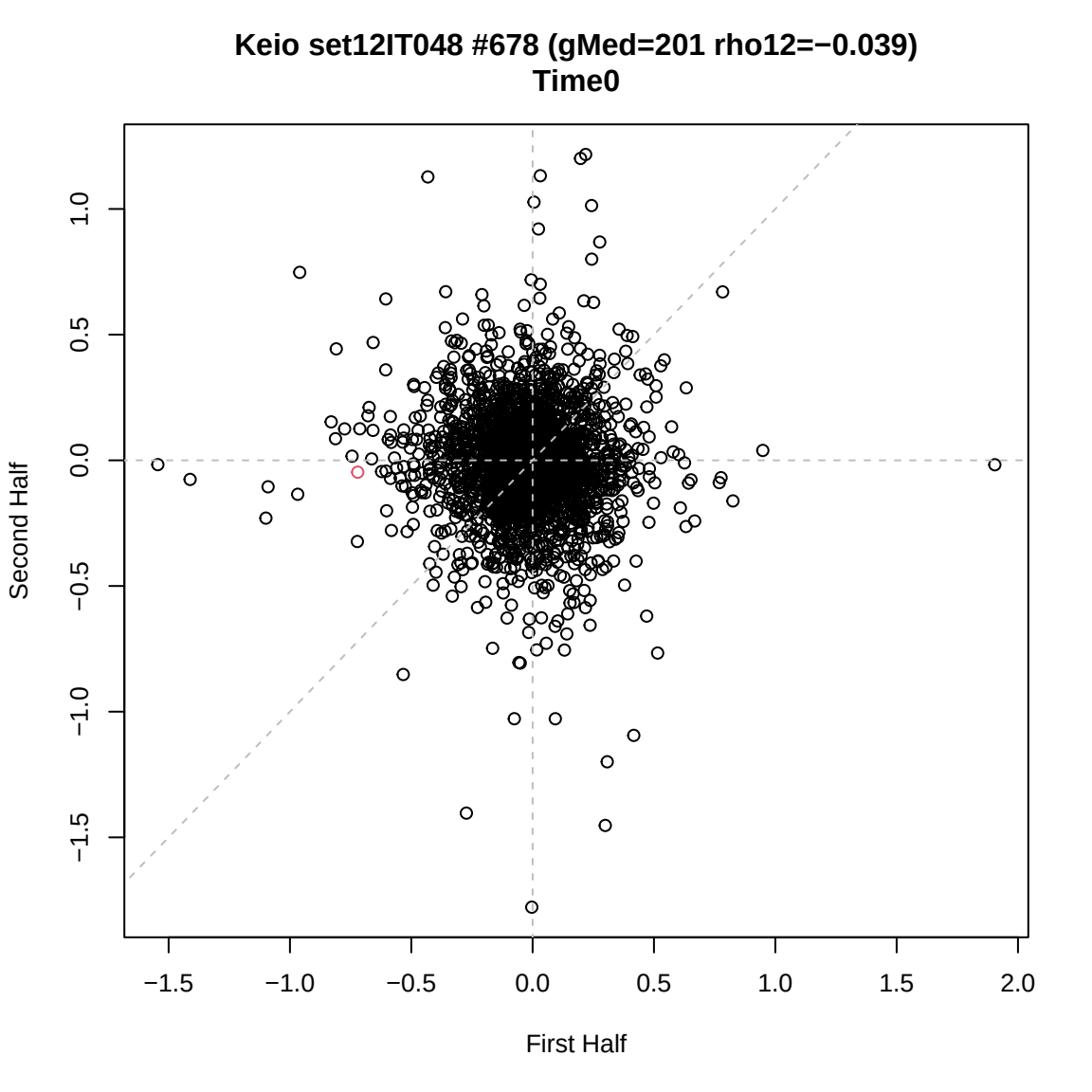

Keio set12IT043 #673 (gMed=145 rho12=0.424)
Trimethoprim 0.0025 mM
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

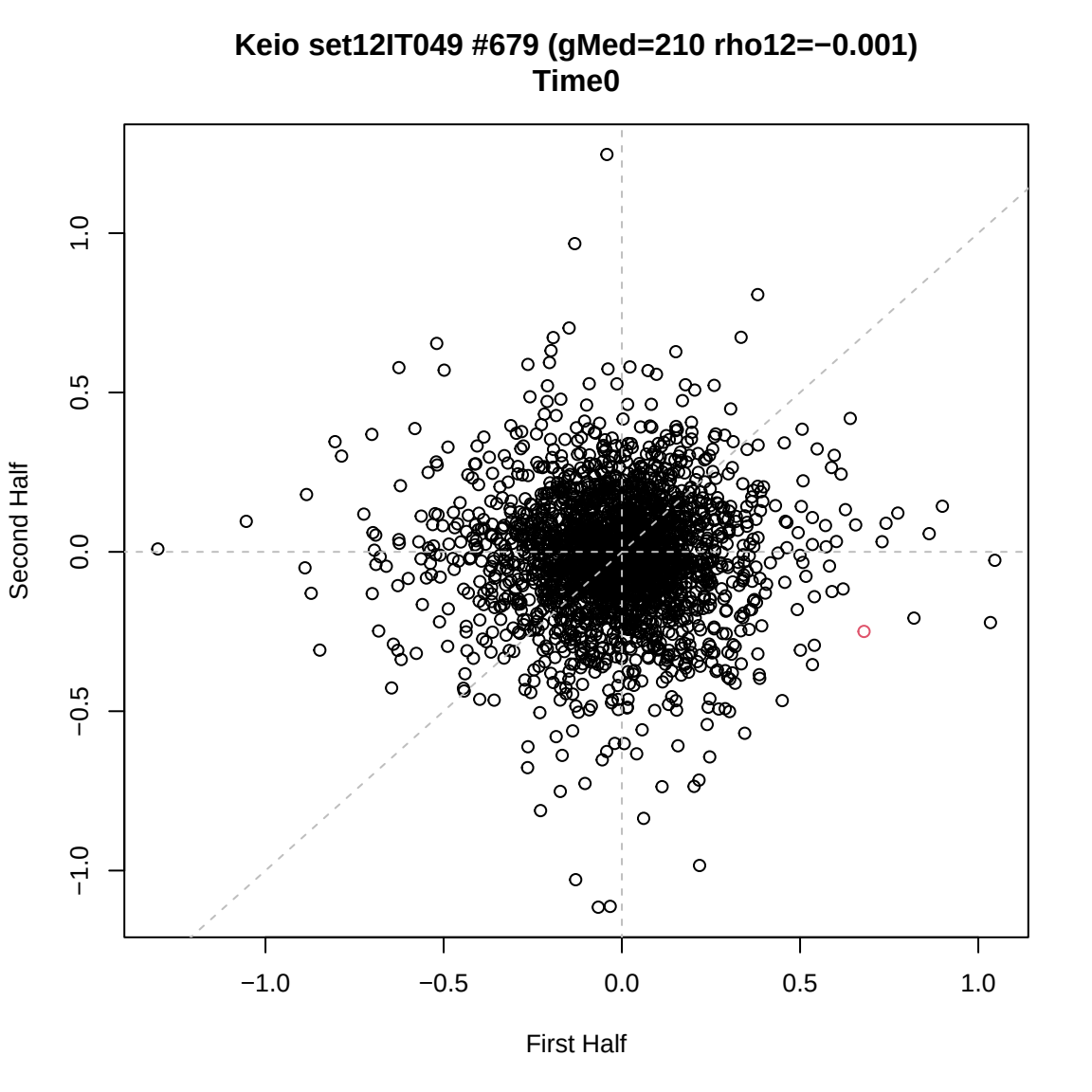

Keio set12IT044 #674 (gMed=74 rho12=0.263)
Trimethoprim 0.005 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

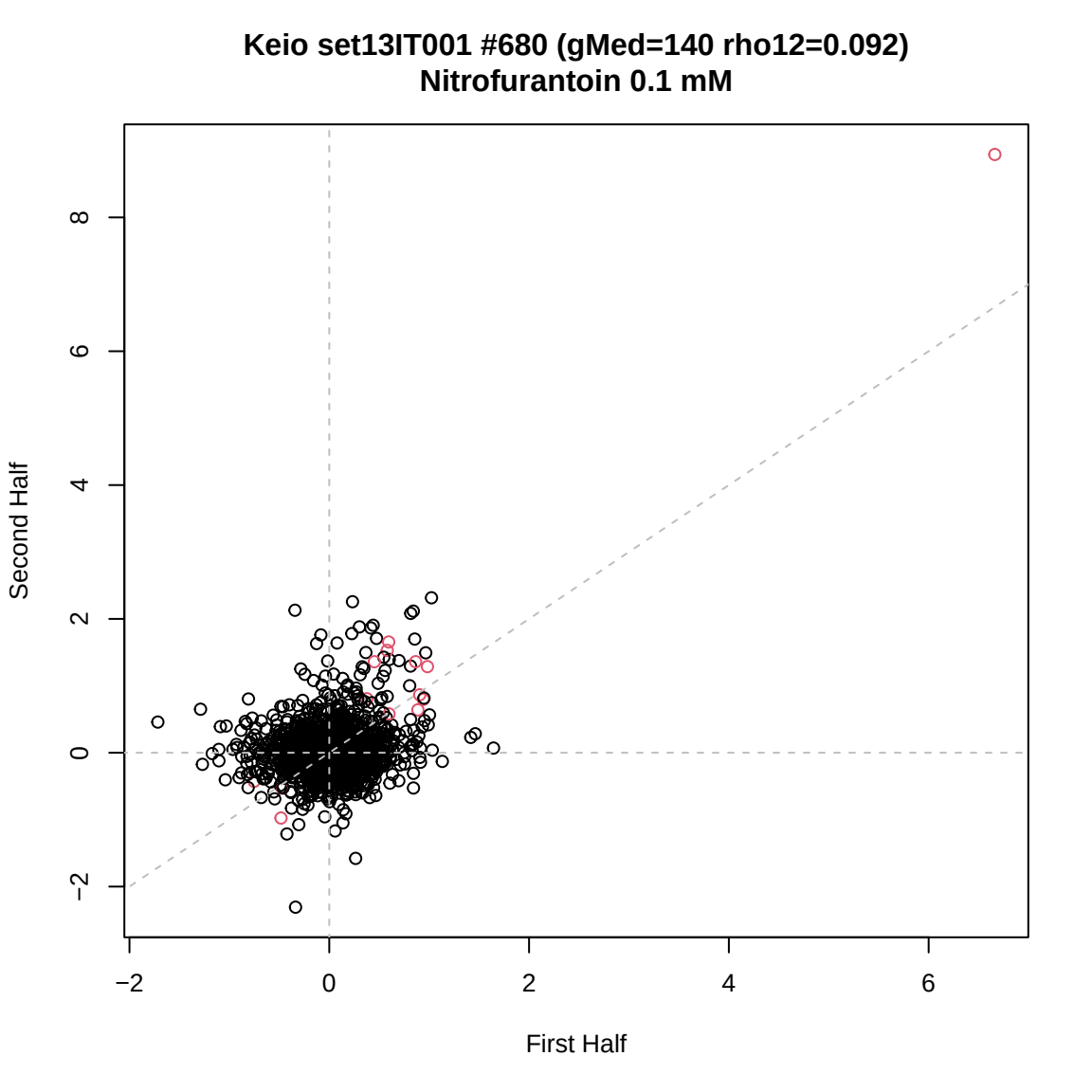

Keio set12IT045 #675 (gMed=96 rho12=0.356)
Nalidixic 0.0313 mM
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

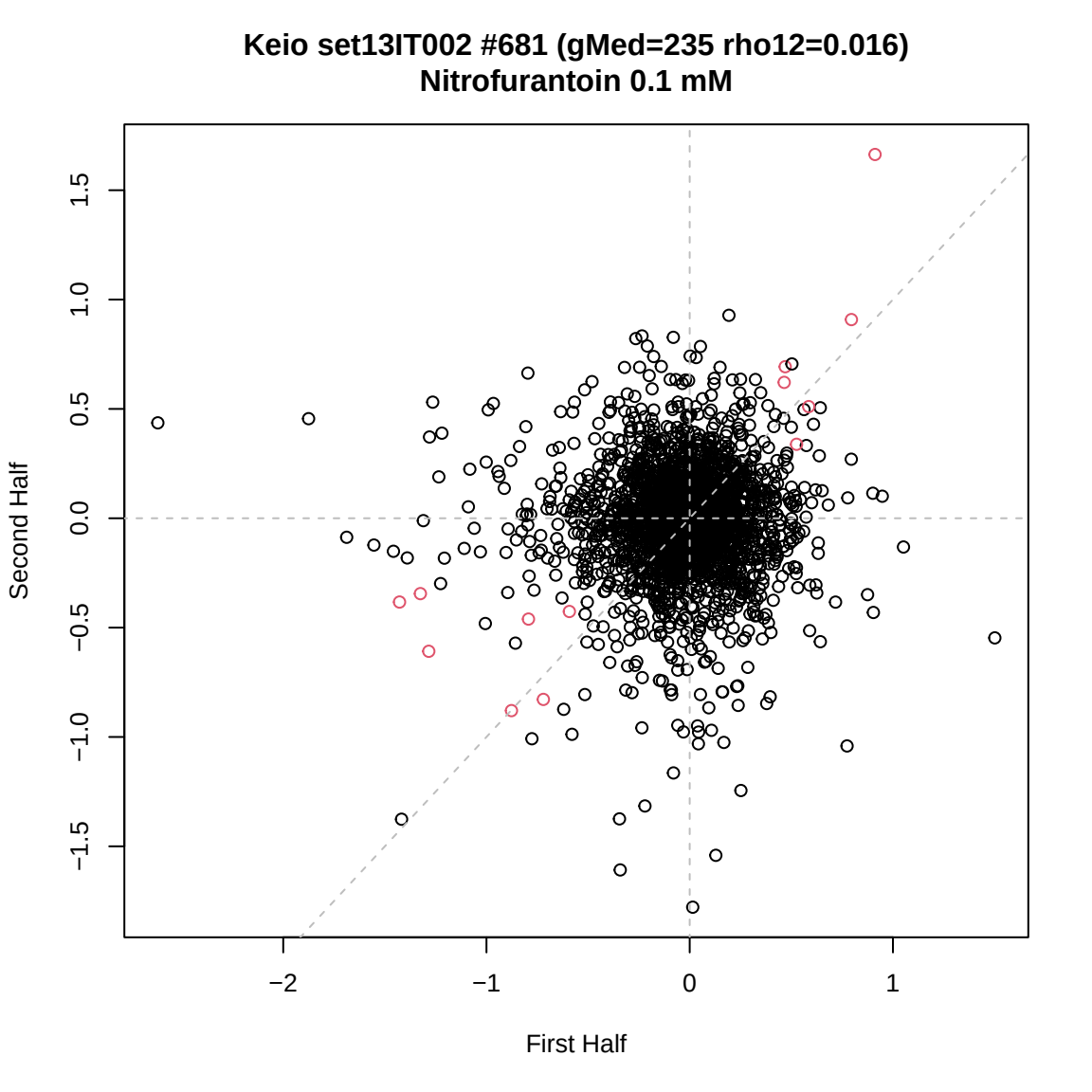

Keio set12IT046 #676 (gMed=243 rho12=0.137)
LB
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

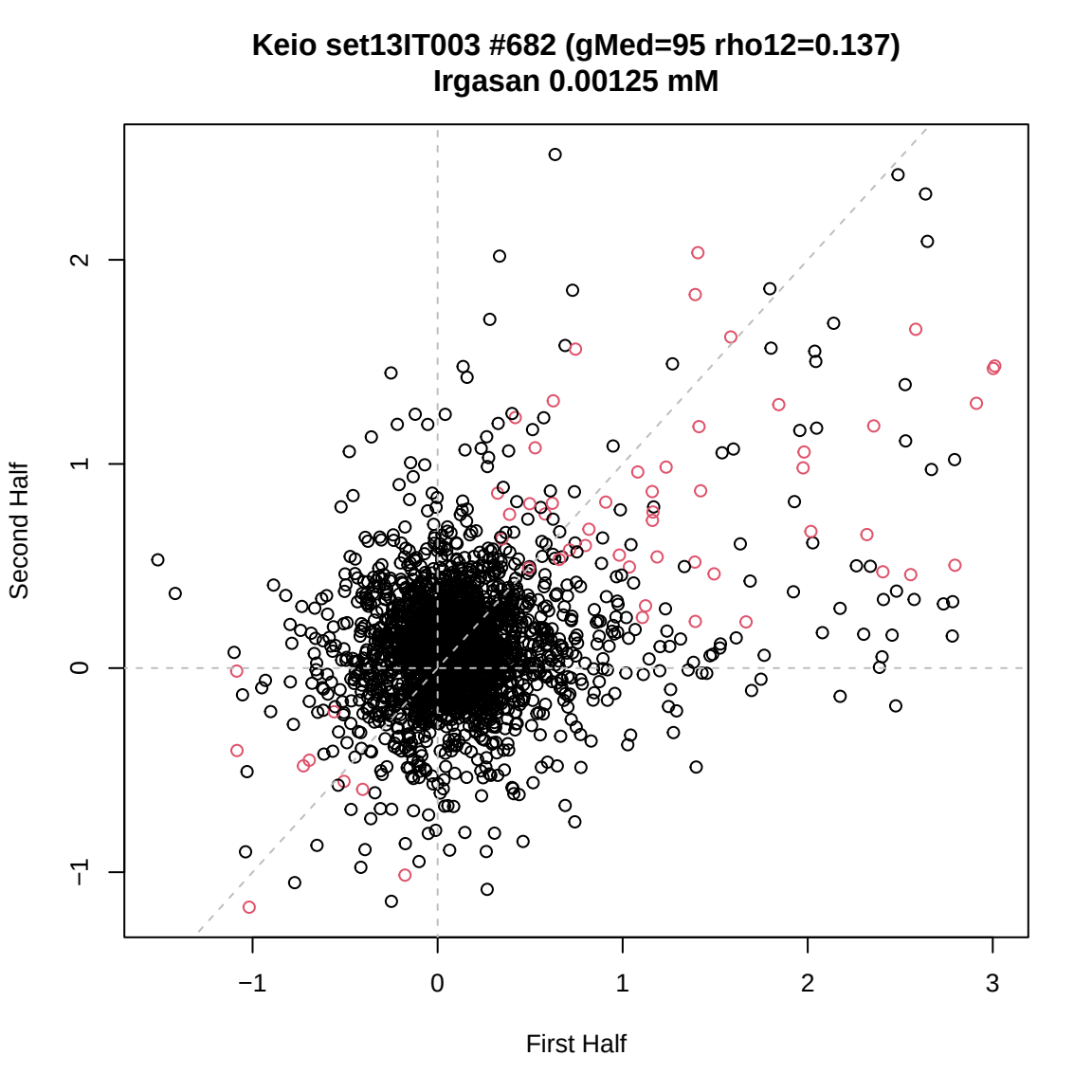

Keio set12IT047 #677 (gMed=191 rho12=0.010)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

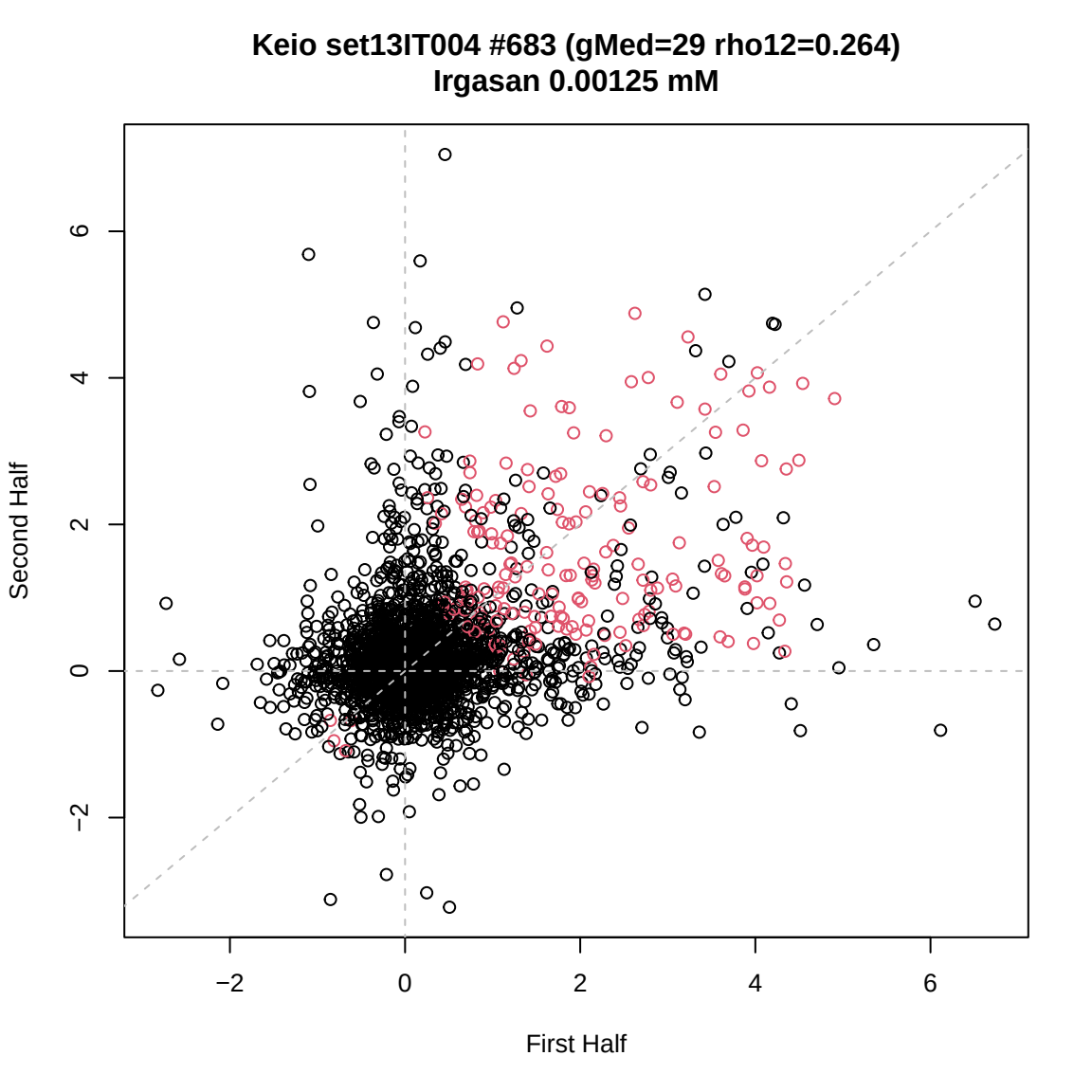

Keio set12IT048 #678 (gMed=201 rho12=−0.039)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

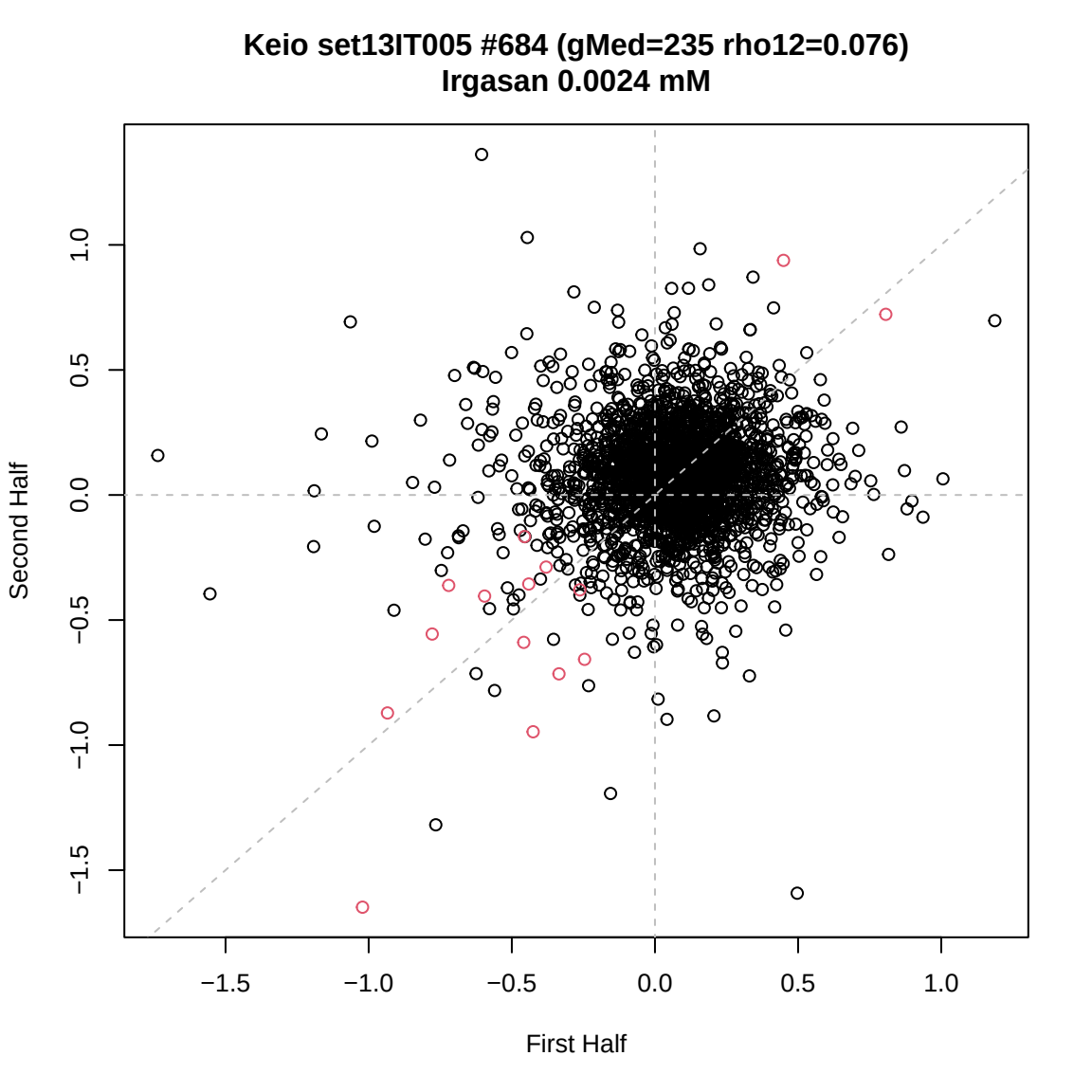

Keio set12IT049 #679 (gMed=210 rho12=−0.001)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

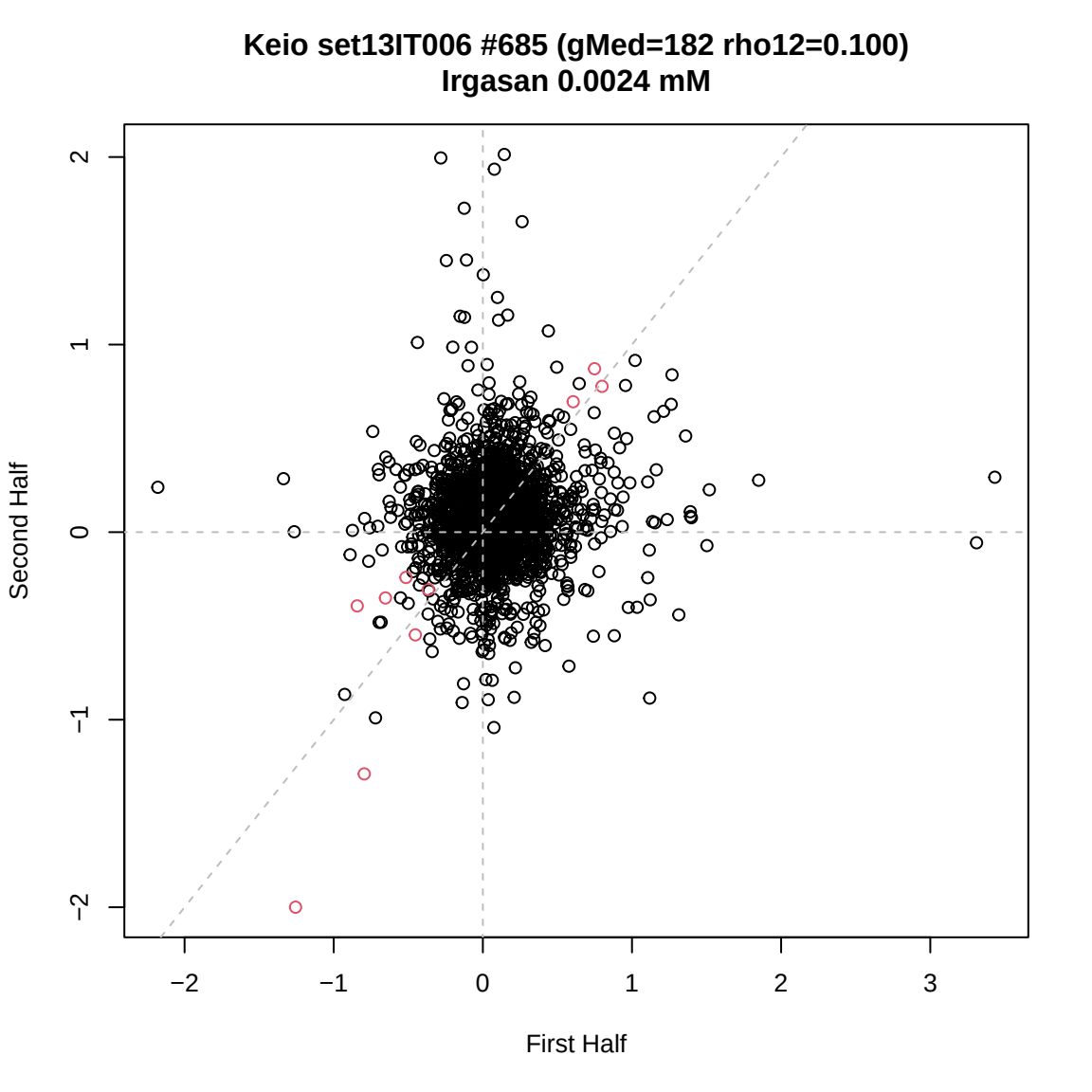

Keio set13IT001 #680 (gMed=140 rho12=0.092)
Nitrofurantoin 0.1 mM
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

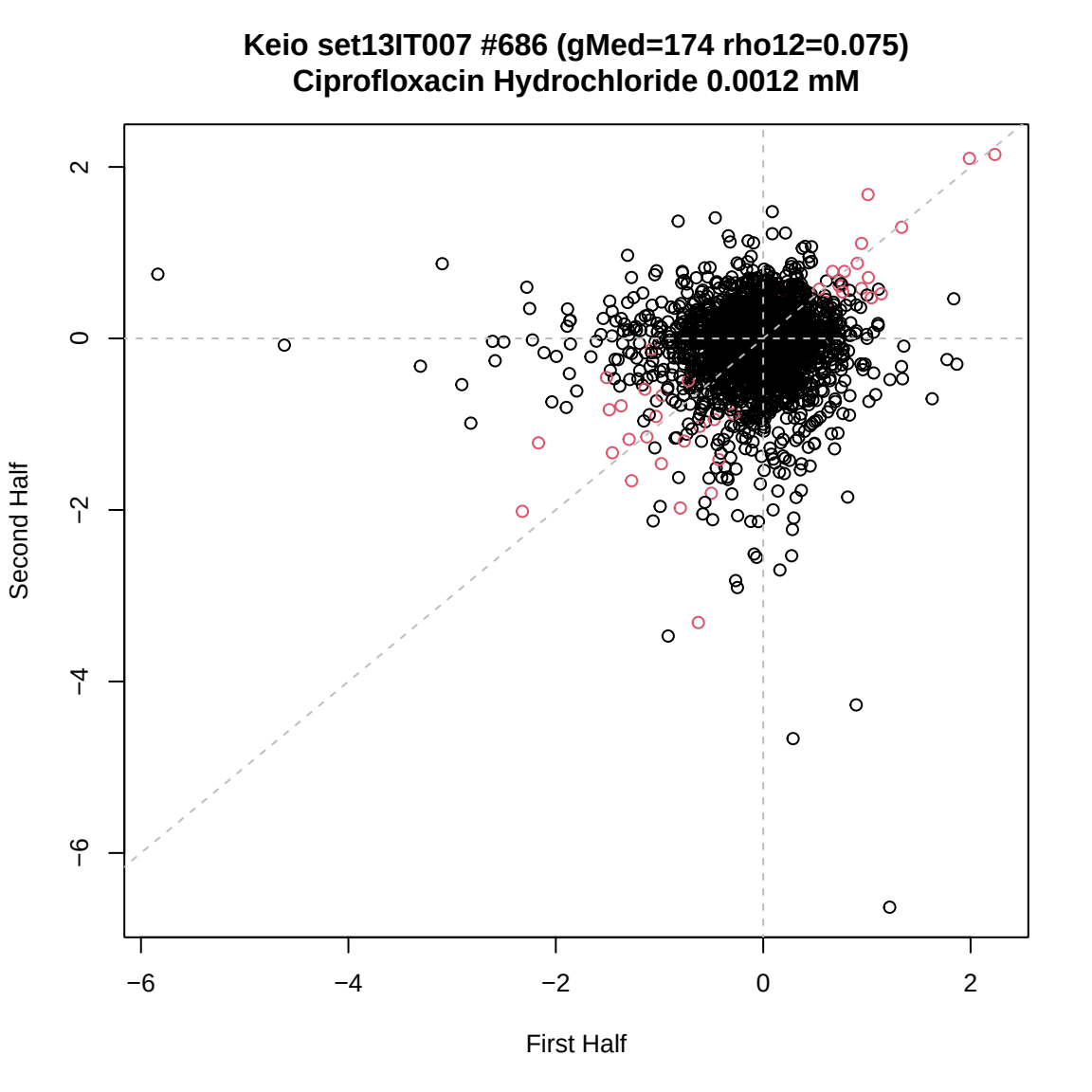

Keio set13IT002 #681 (gMed=235 rho12=0.016)
Nitrofurantoin 0.1 mM
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

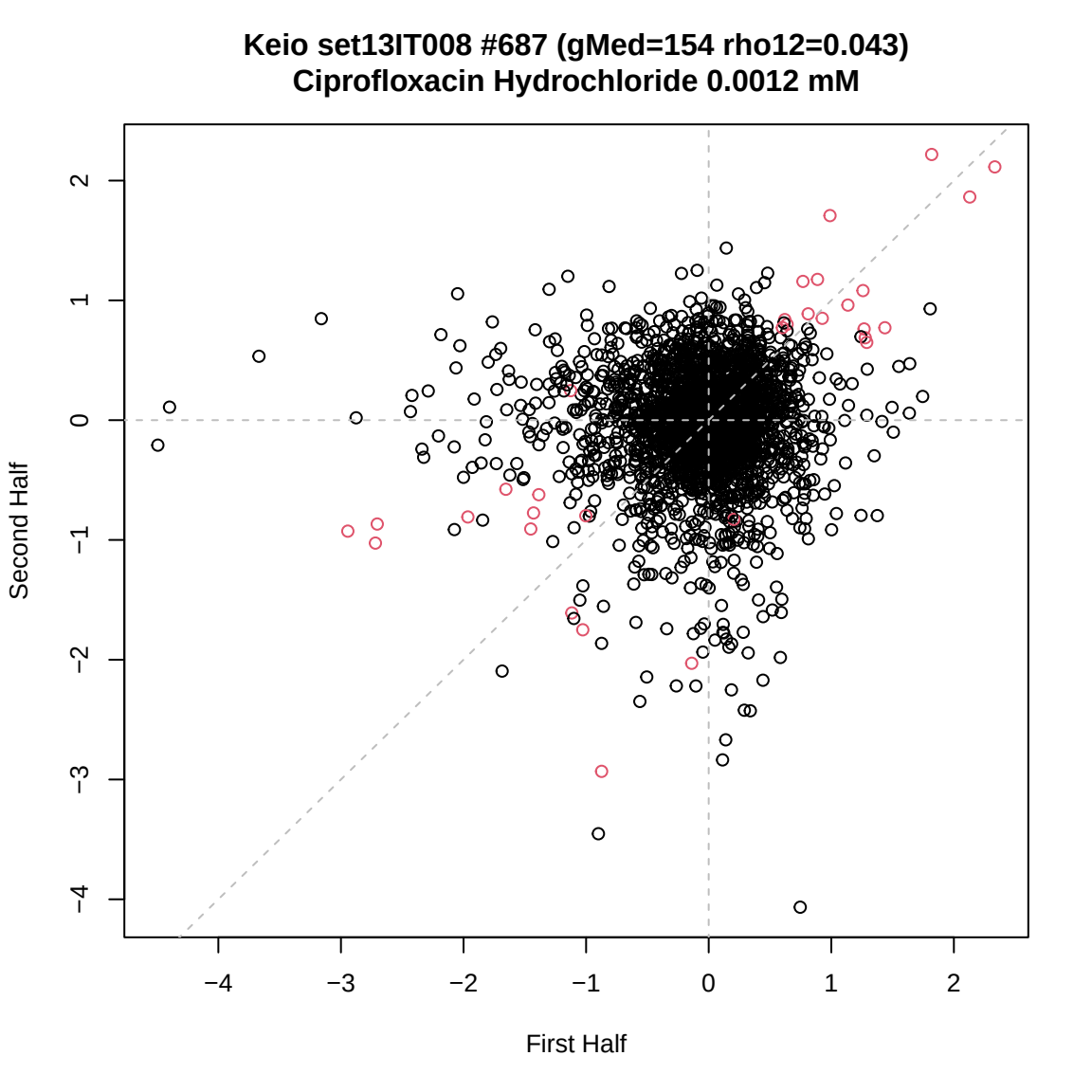

Keio set13IT003 #682 (gMed=95 rho12=0.137)
Irgasan 0.00125 mM
Second Half
First Half
−1
0
1
2
3
−1
0
1
2

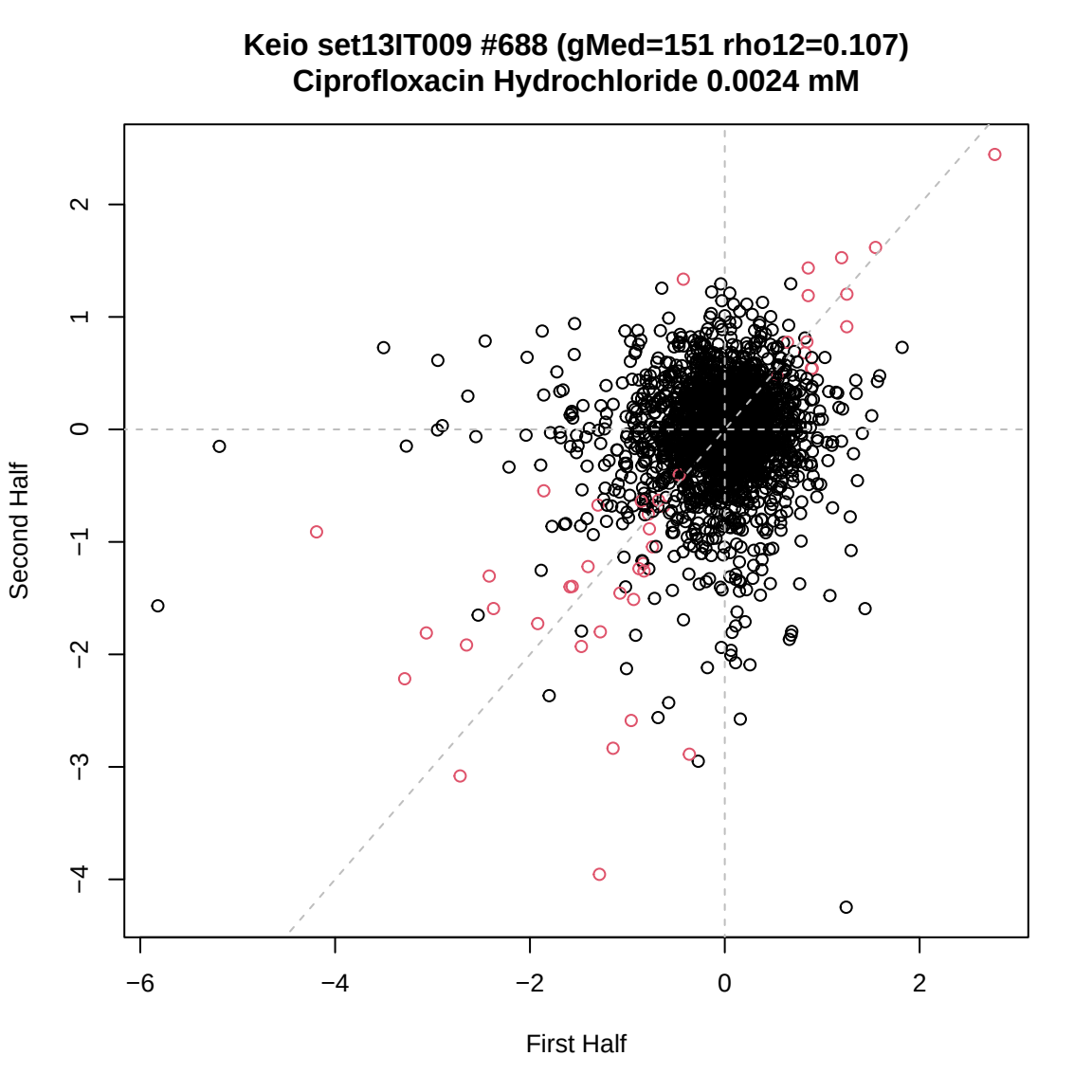

Keio set13IT004 #683 (gMed=29 rho12=0.264)
Irgasan 0.00125 mM
Second Half
First Half
−2
0
2
4
6

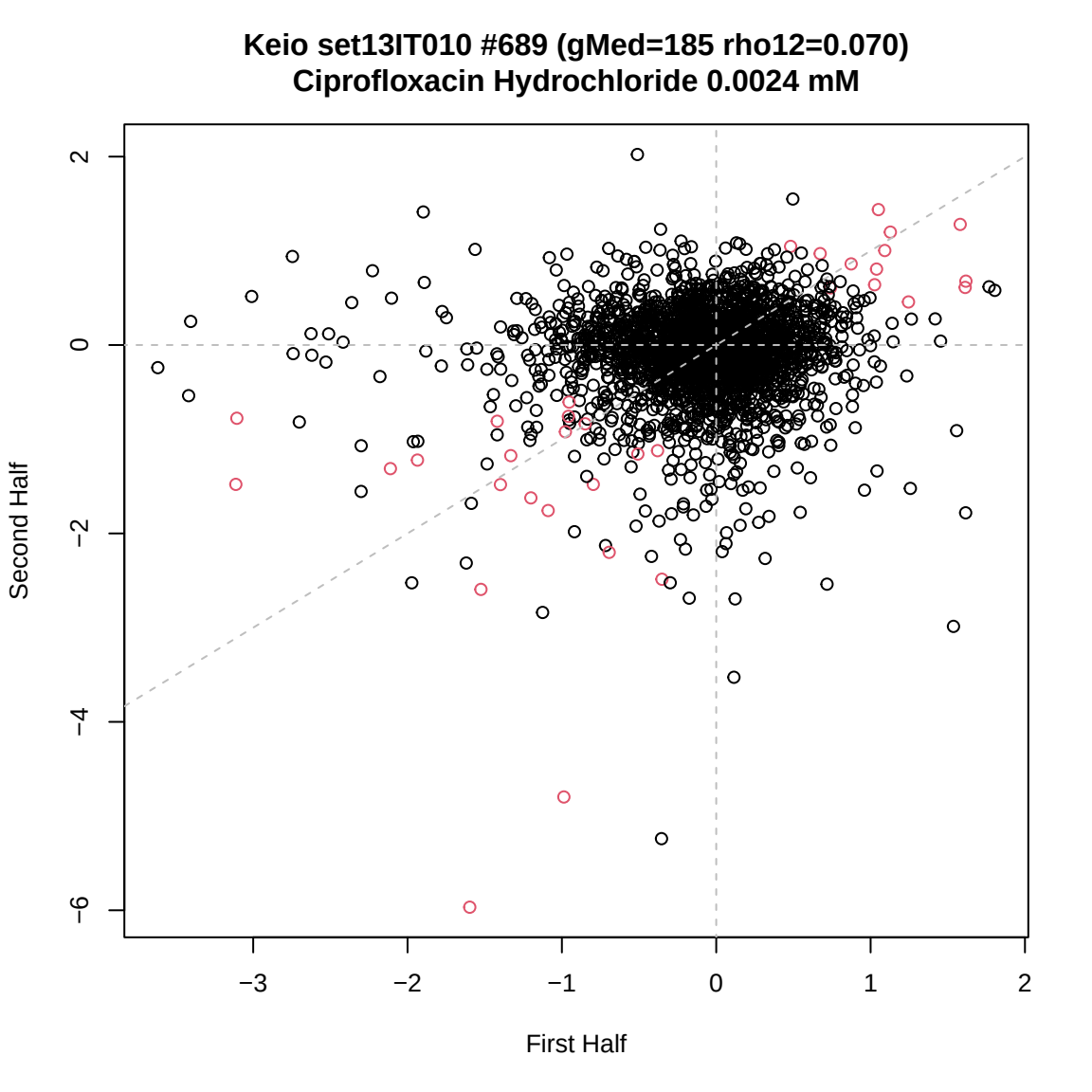

Keio set13IT005 #684 (gMed=235 rho12=0.076)
Irgasan 0.0024 mM
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

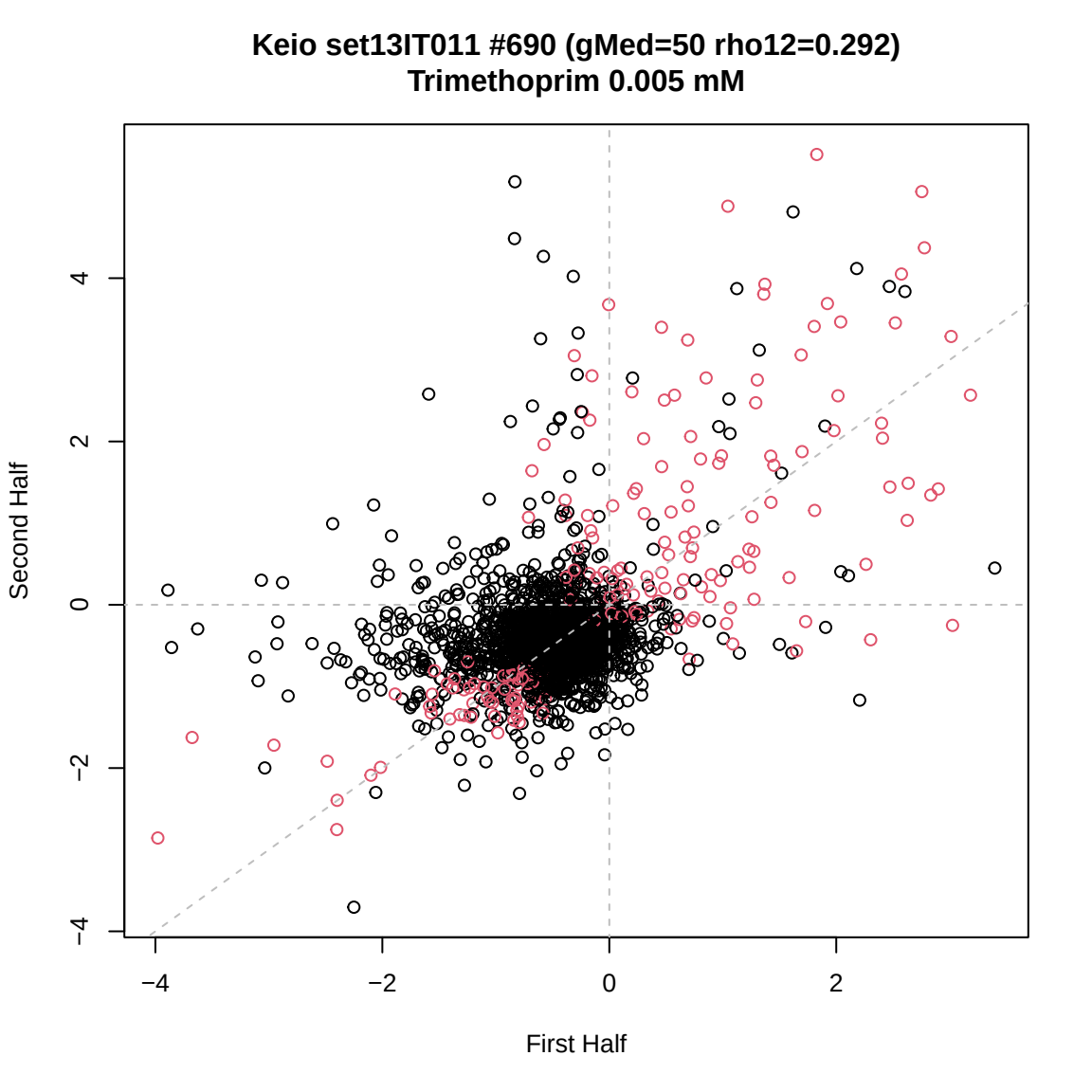

Keio set13IT006 #685 (gMed=182 rho12=0.100)
Irgasan 0.0024 mM
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2
3

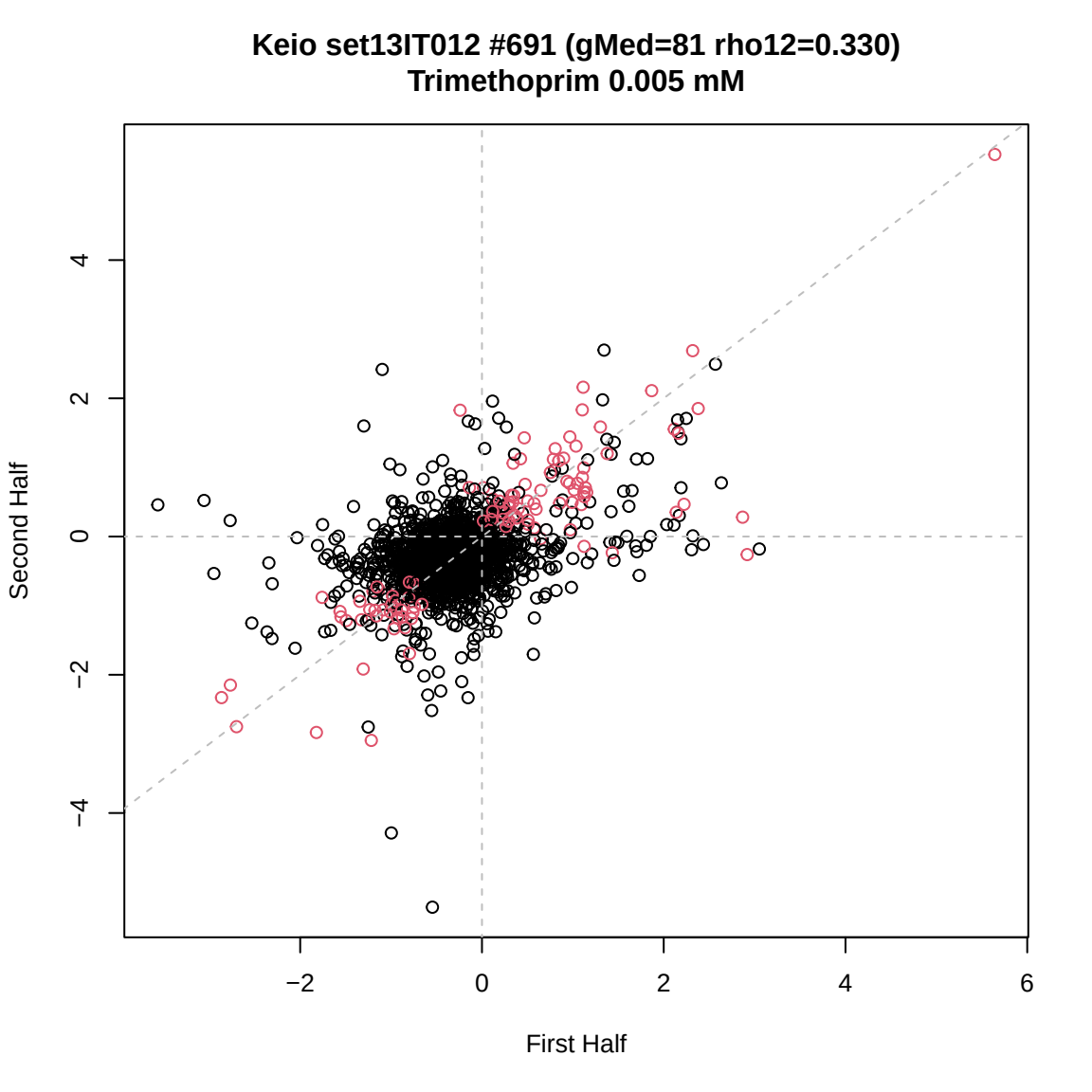

Keio set13IT007 #686 (gMed=174 rho12=0.075)
Ciprofloxacin Hydrochloride 0.0012 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

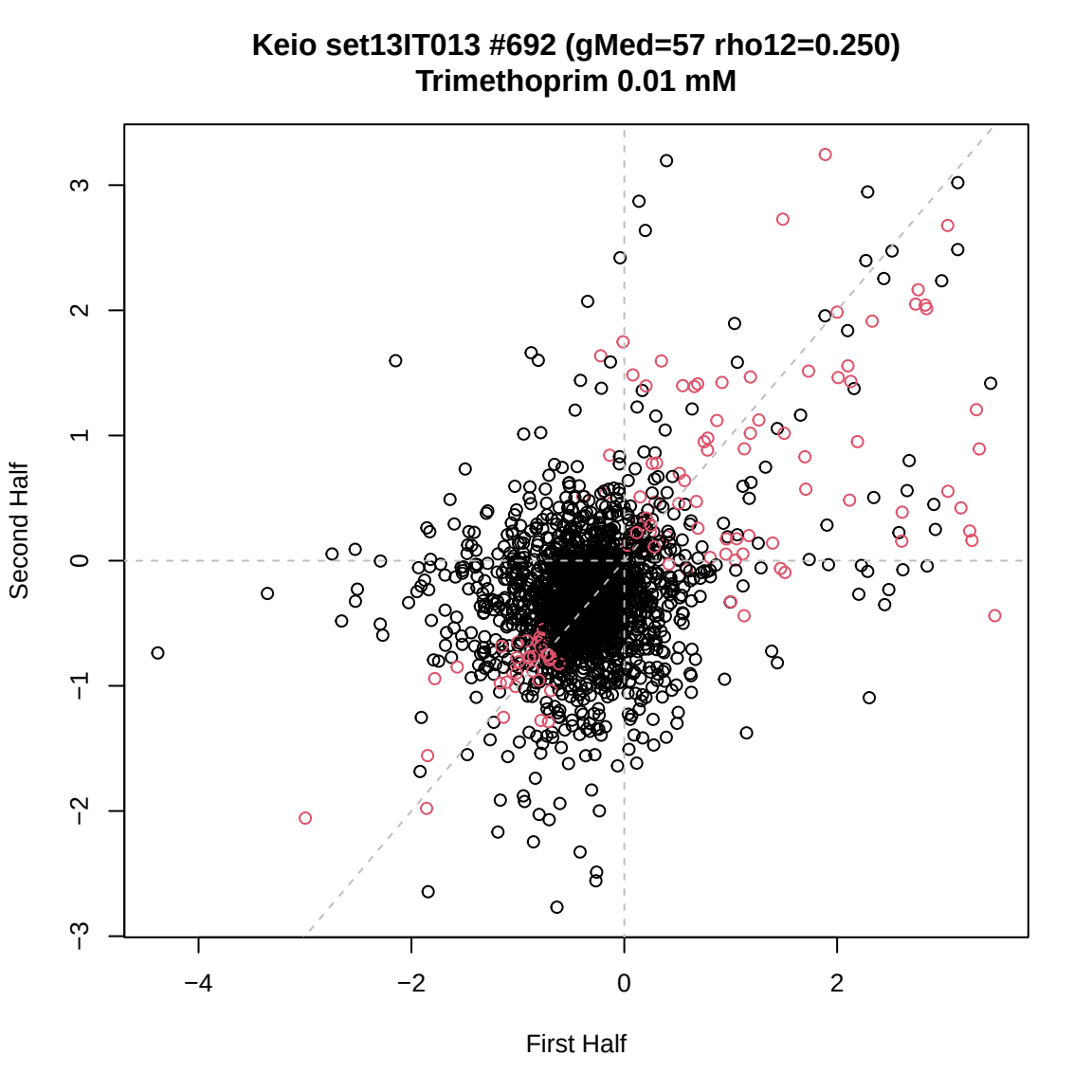

Keio set13IT008 #687 (gMed=154 rho12=0.043)
Ciprofloxacin Hydrochloride 0.0012 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

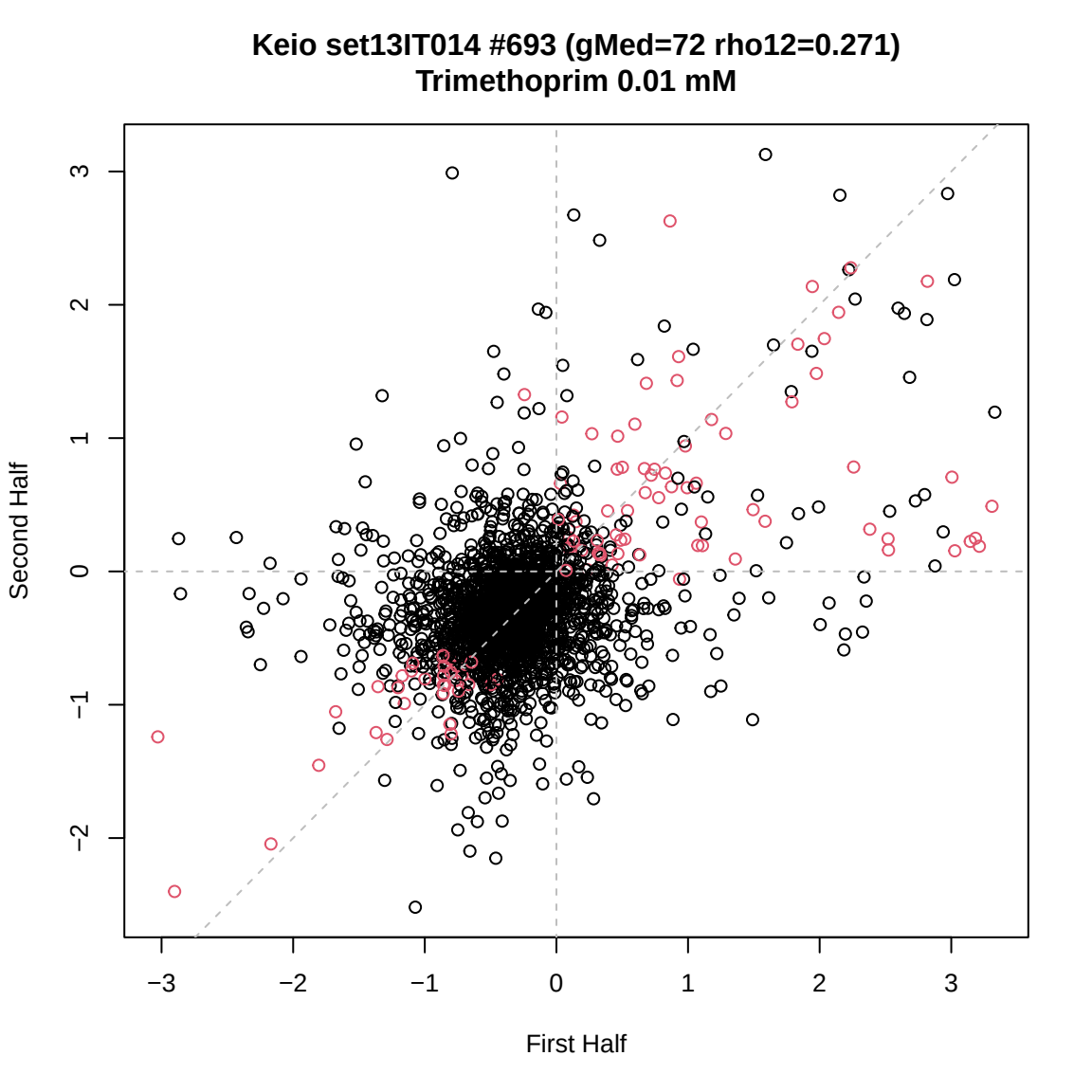

Keio set13IT009 #688 (gMed=151 rho12=0.107)
Ciprofloxacin Hydrochloride 0.0024 mM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0
2

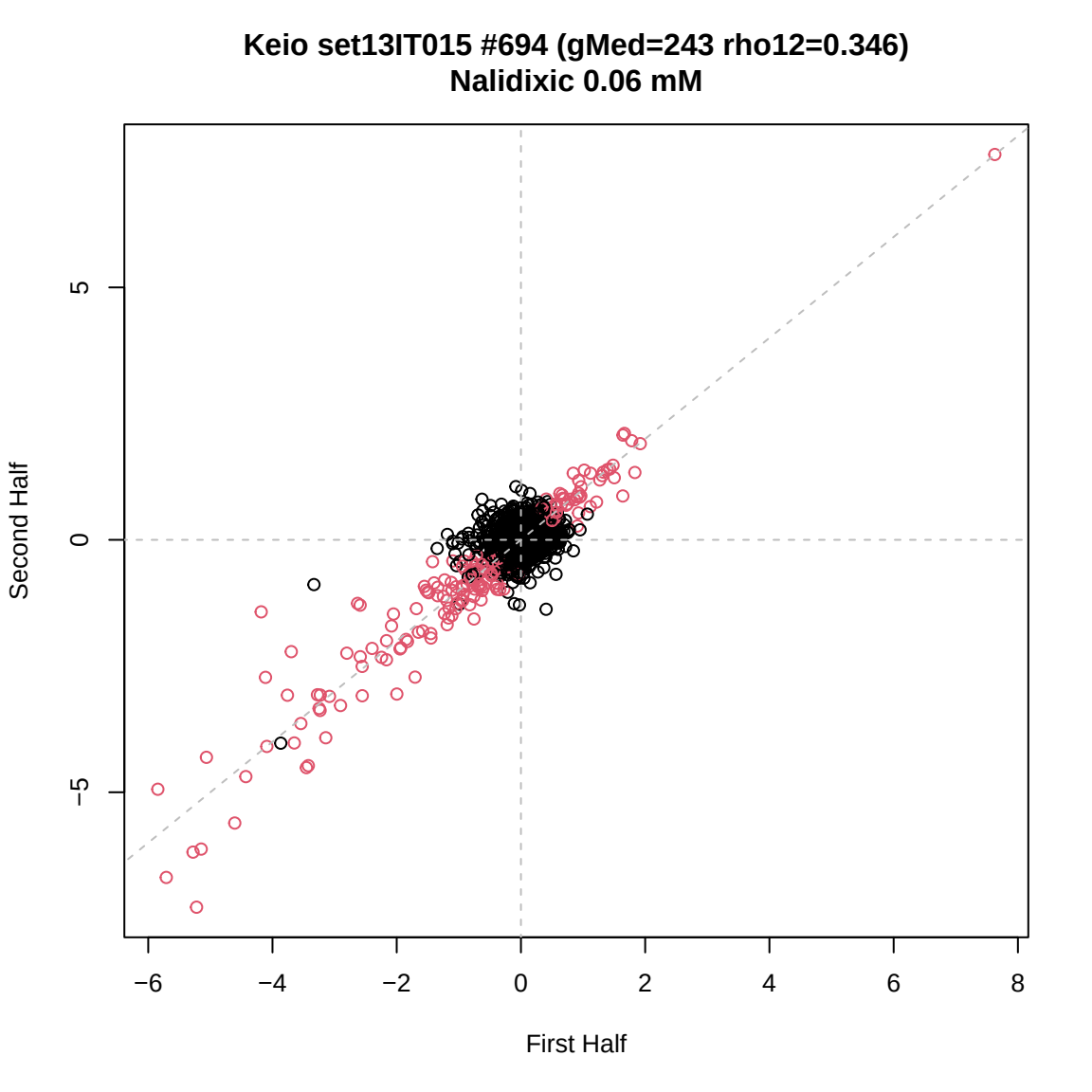

Keio set13IT010 #689 (gMed=185 rho12=0.070)
Ciprofloxacin Hydrochloride 0.0024 mM
Second Half
First Half
2
0
−2
−4
−6
−3
−2
−1
0
1
2

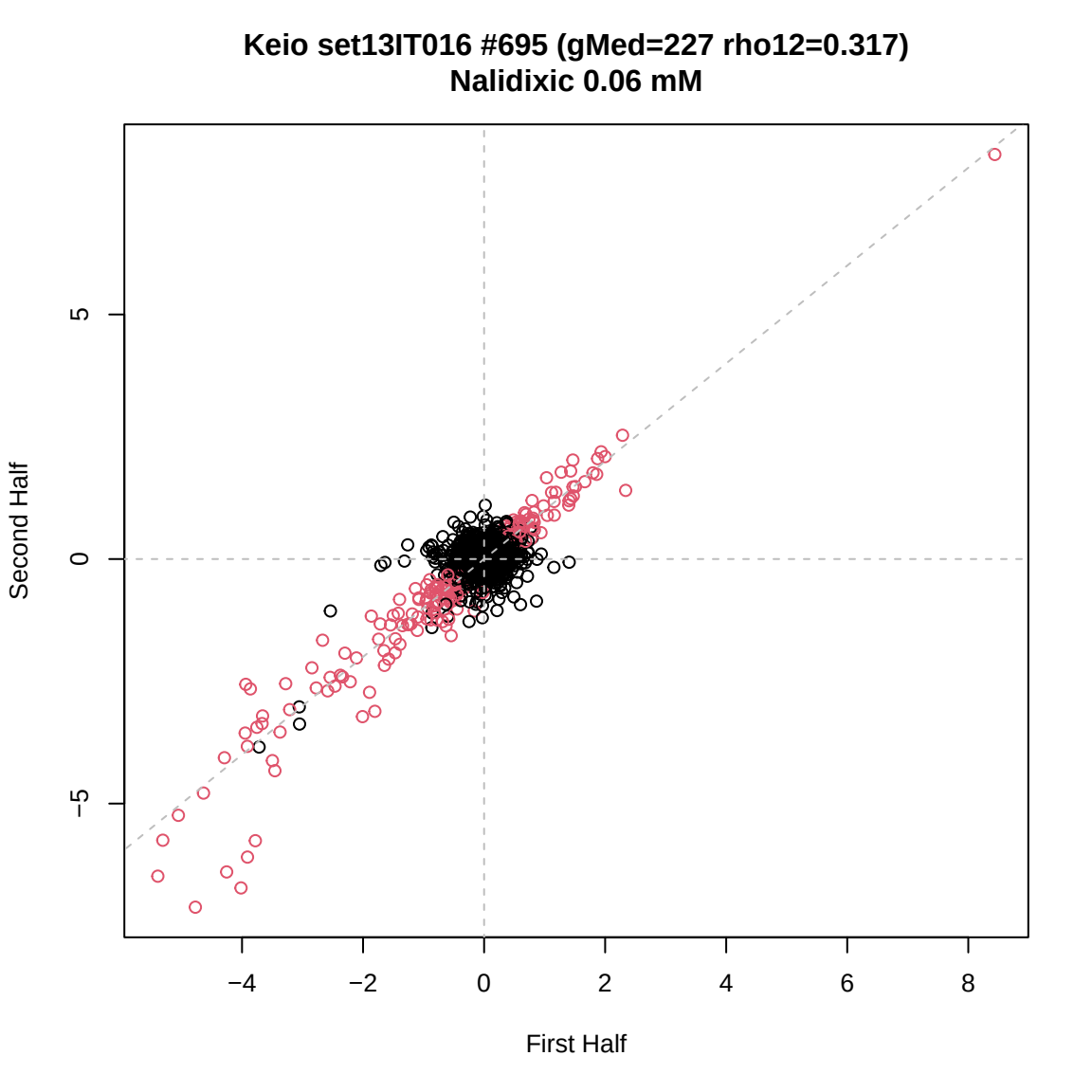

Keio set13IT011 #690 (gMed=50 rho12=0.292)
Trimethoprim 0.005 mM
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2

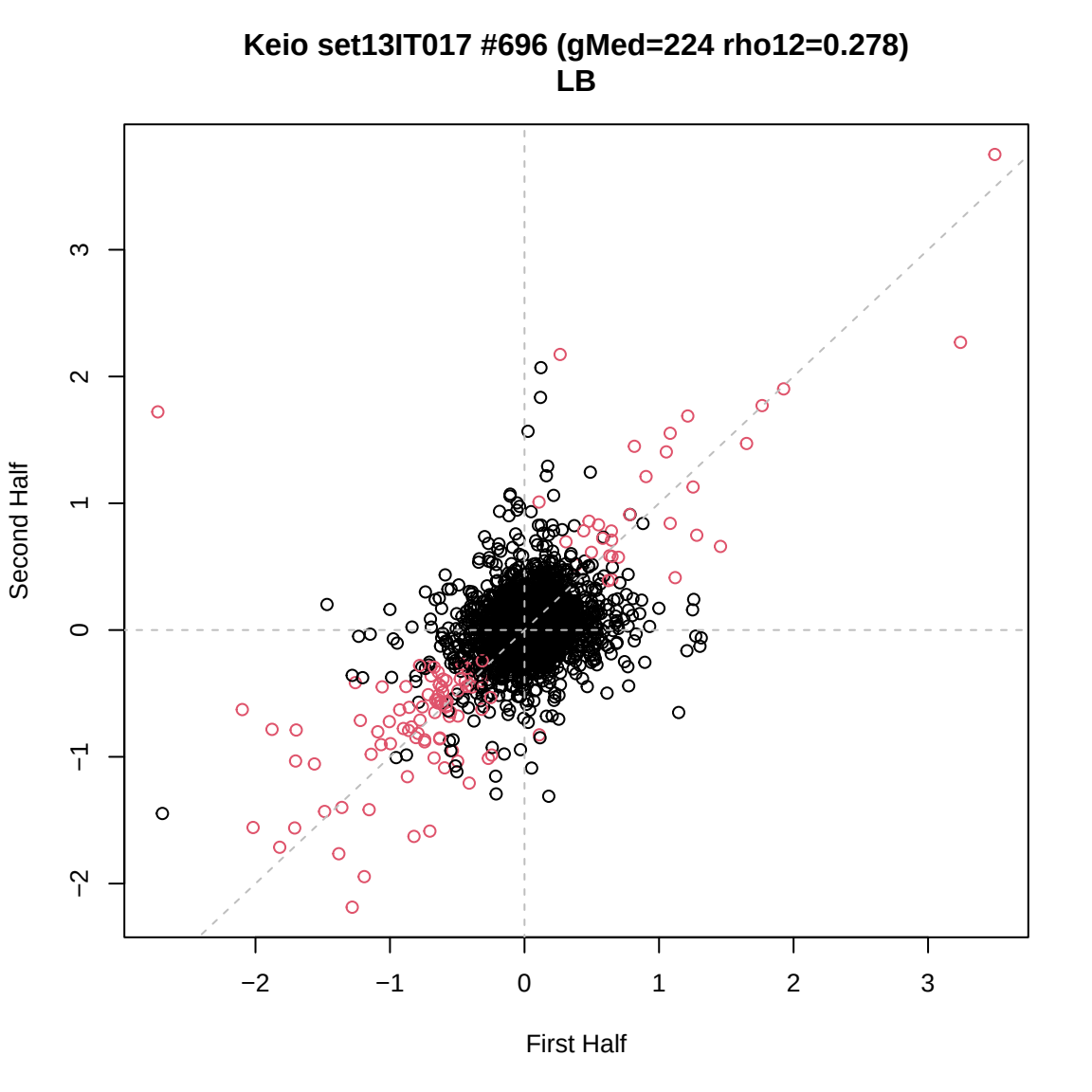

Keio set13IT012 #691 (gMed=81 rho12=0.330)
Trimethoprim 0.005 mM
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6

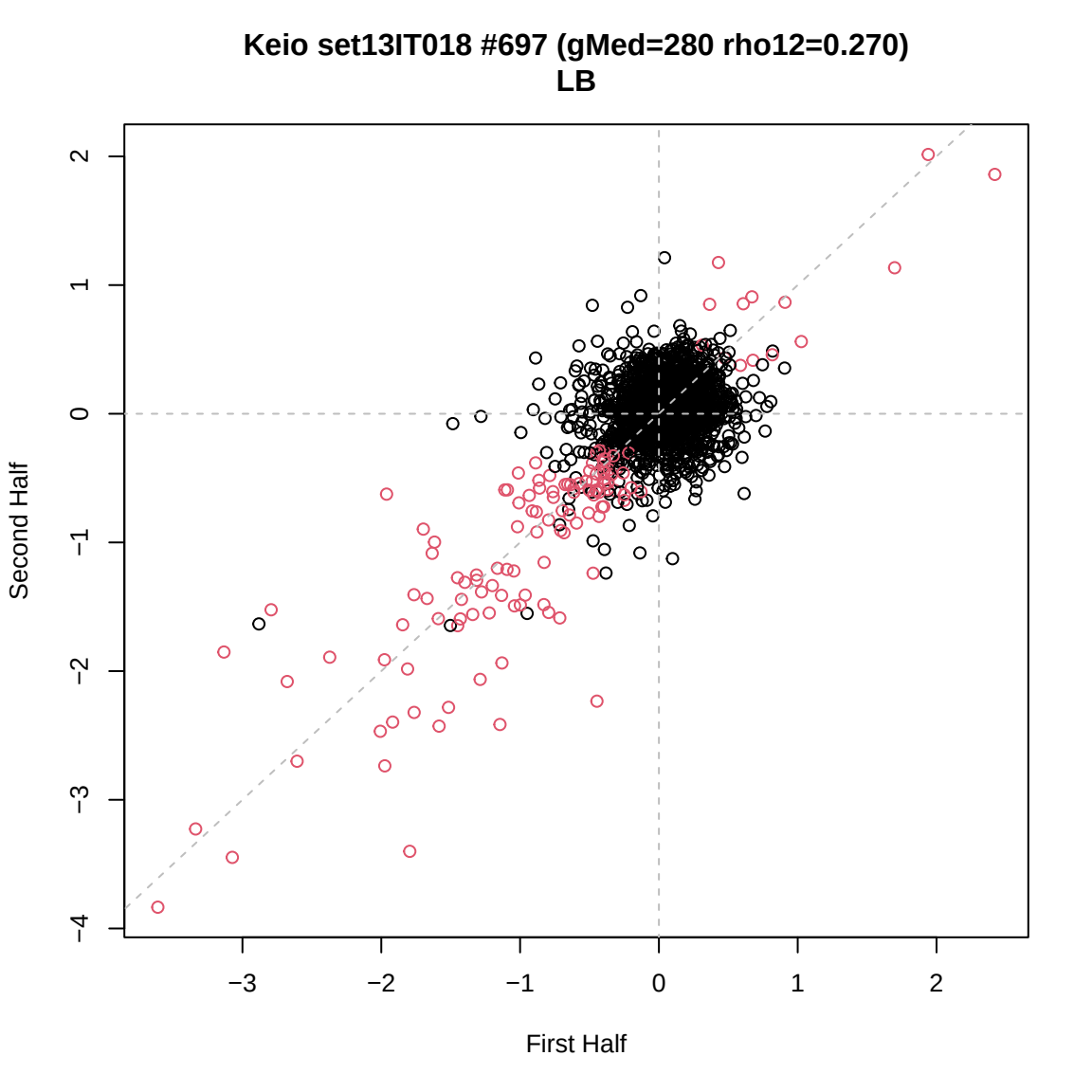

Keio set13IT013 #692 (gMed=57 rho12=0.250)
Trimethoprim 0.01 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−2
0
2

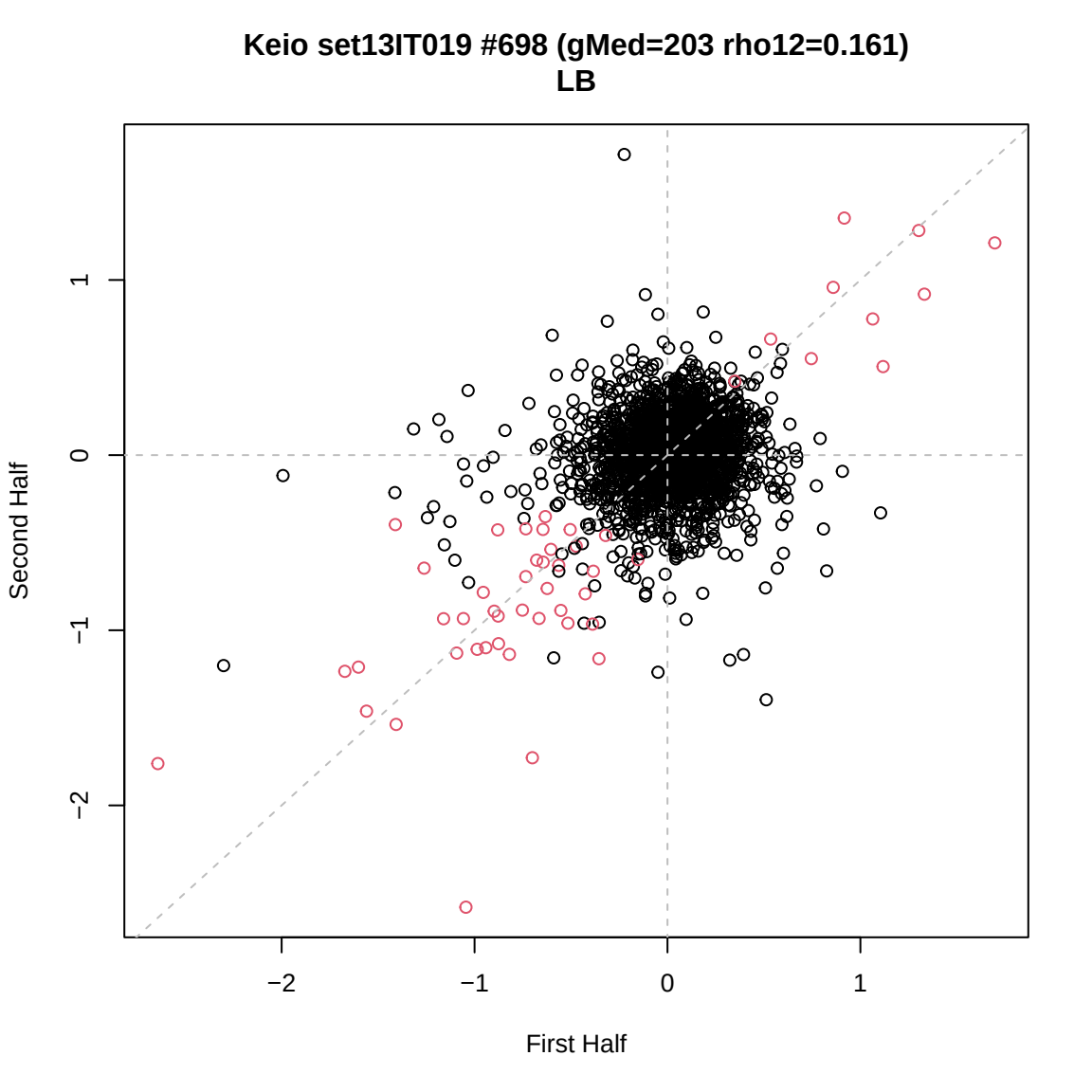

Keio set13IT014 #693 (gMed=72 rho12=0.271)
Trimethoprim 0.01 mM
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

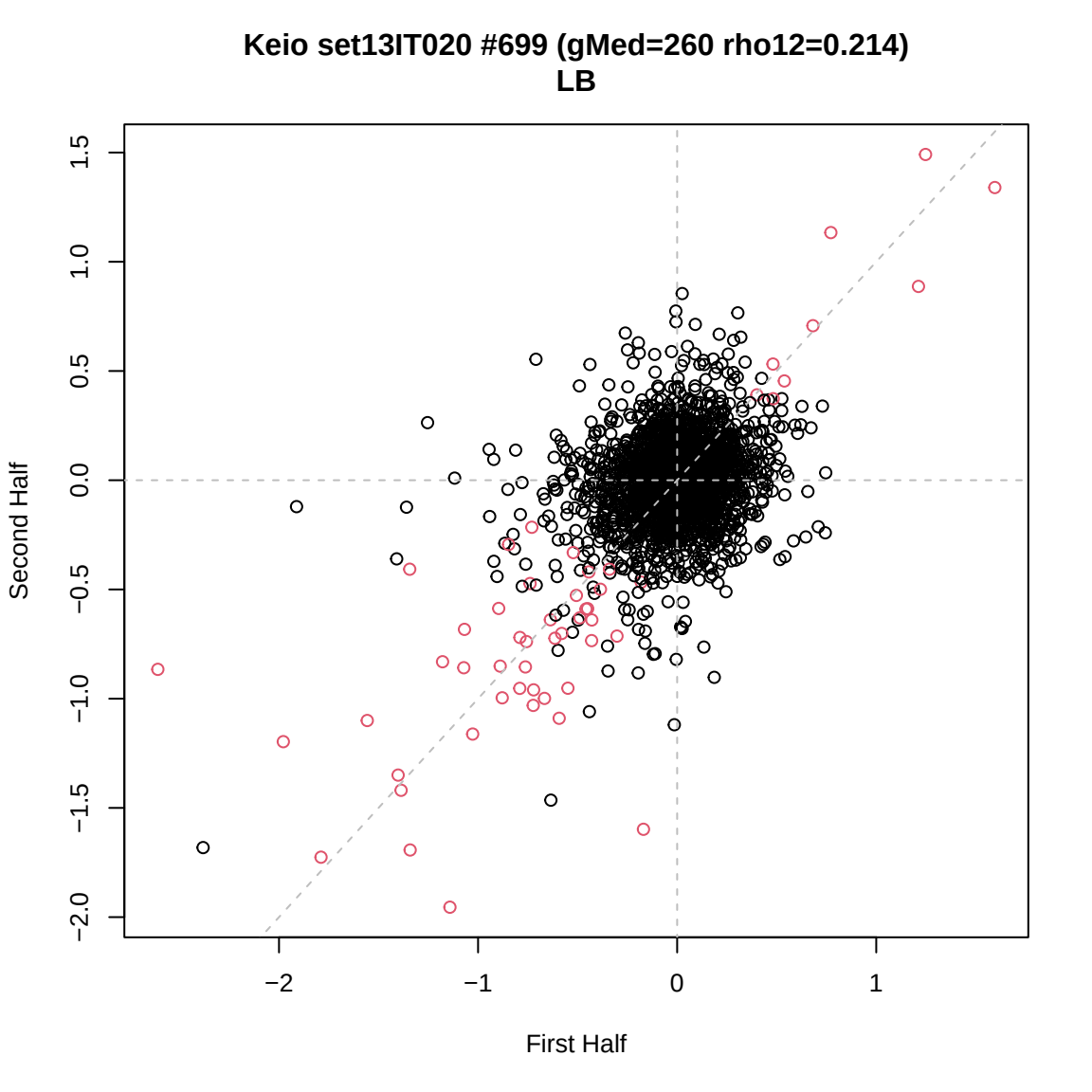

Keio set13IT015 #694 (gMed=243 rho12=0.346)
Nalidixic 0.06 mM
Second Half
First Half
5
0
−5
−6
−4
−2
0
2
4
6
8

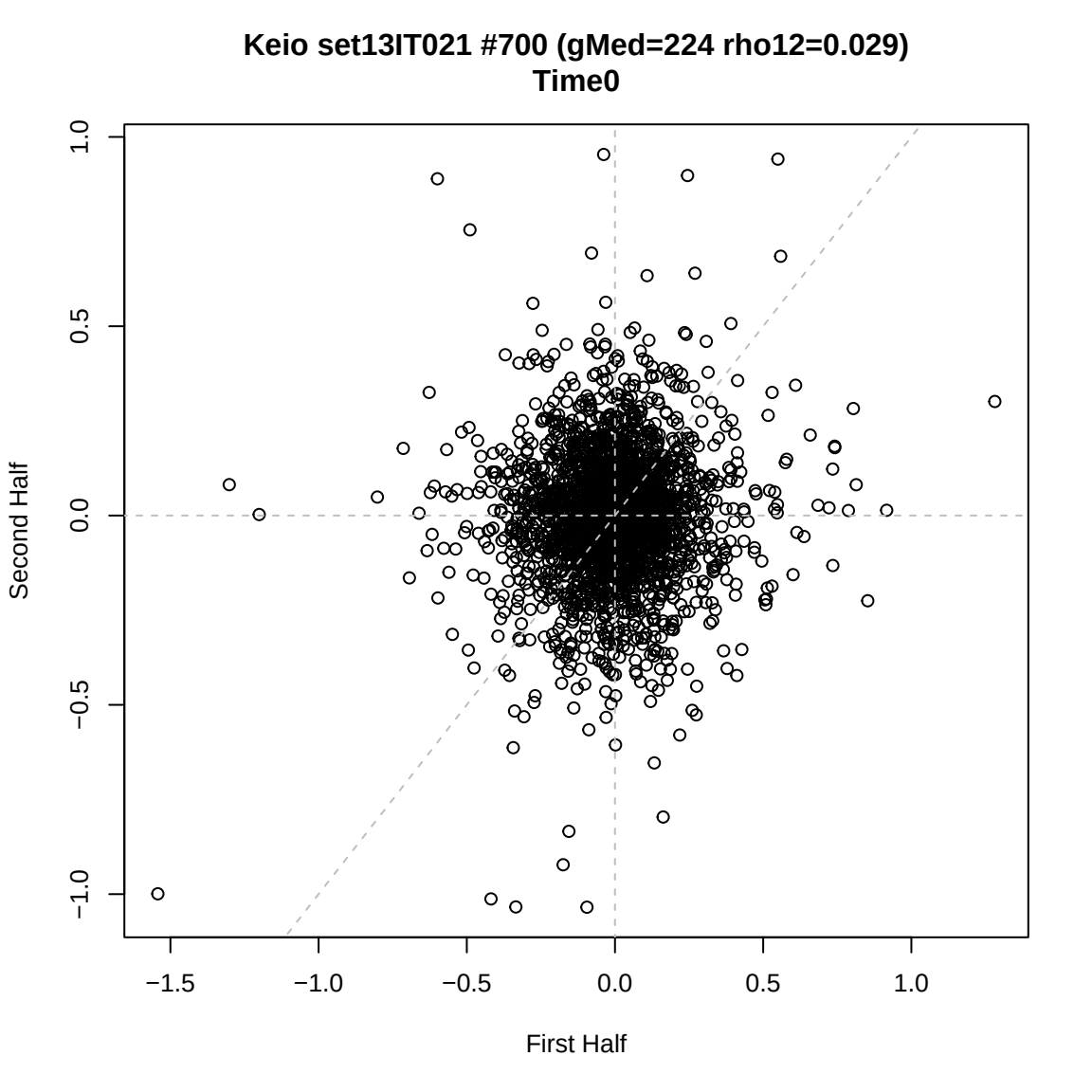

Keio set13IT016 #695 (gMed=227 rho12=0.317)
Nalidixic 0.06 mM
Second Half
First Half
5
0
−5
−4
−2
0
2
4
6
8

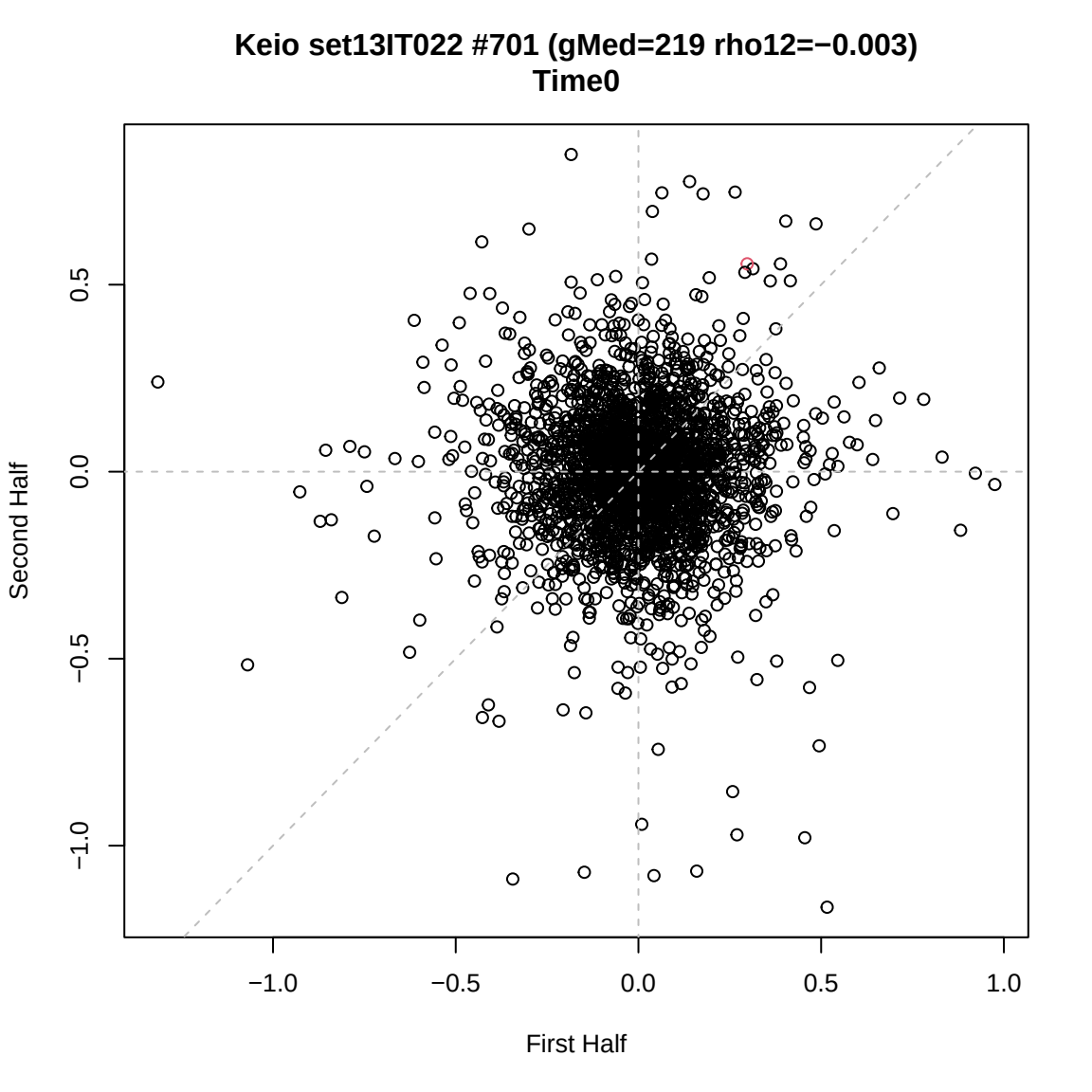

Keio set13IT017 #696 (gMed=224 rho12=0.278)
LB
Second Half
First Half
−2
−1
0
1
2
3

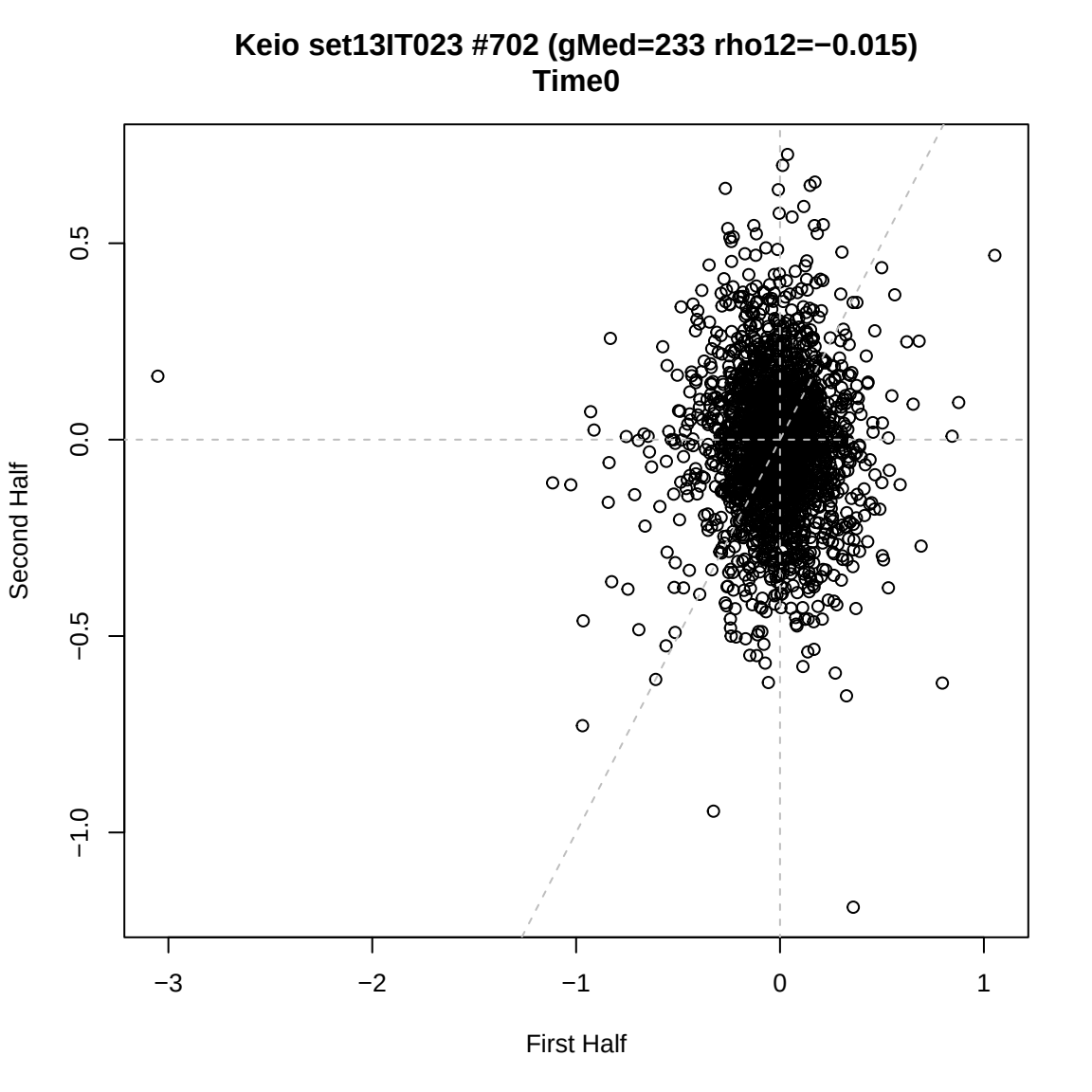

Keio set13IT018 #697 (gMed=280 rho12=0.270)
LB
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

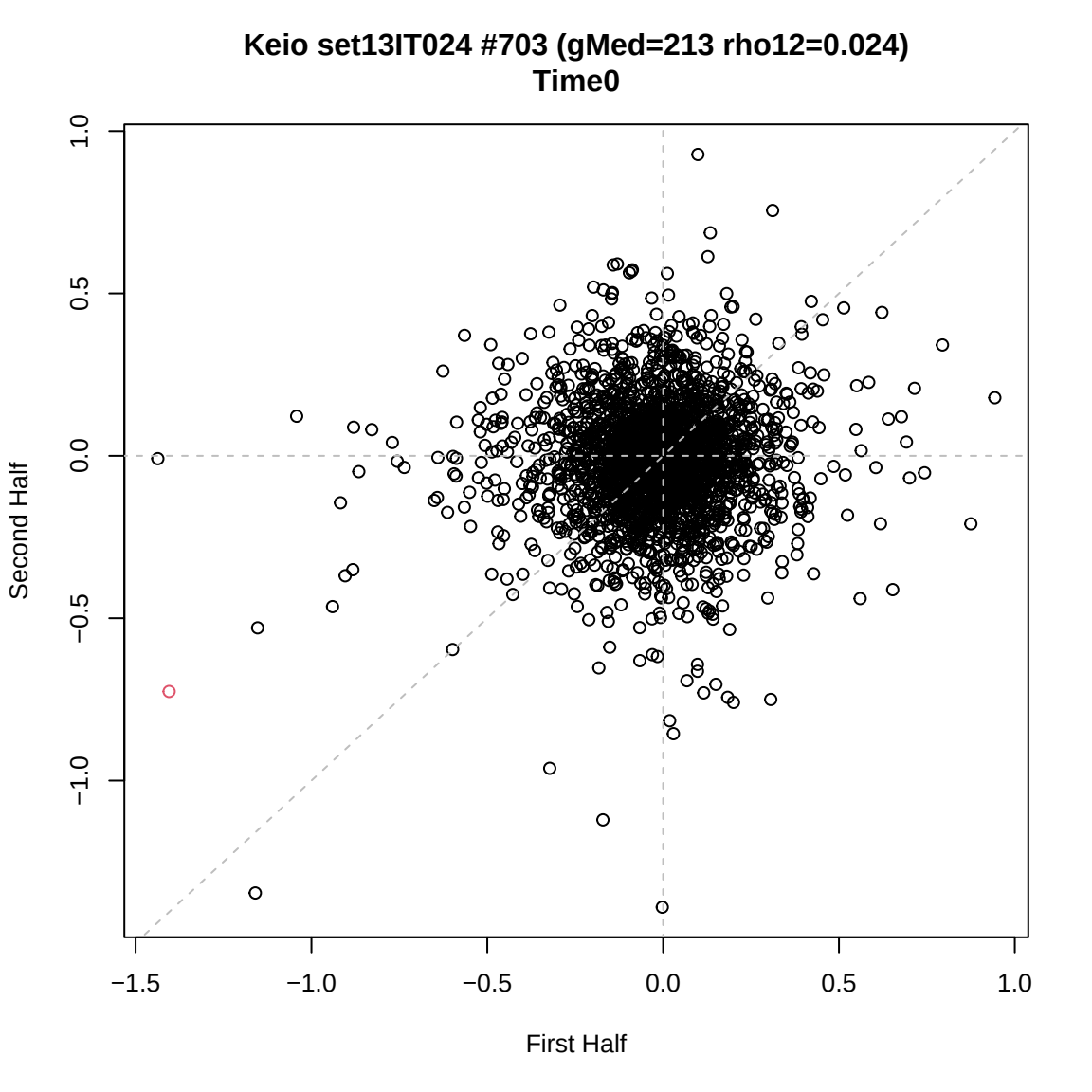

Keio set13IT019 #698 (gMed=203 rho12=0.161)
LB
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

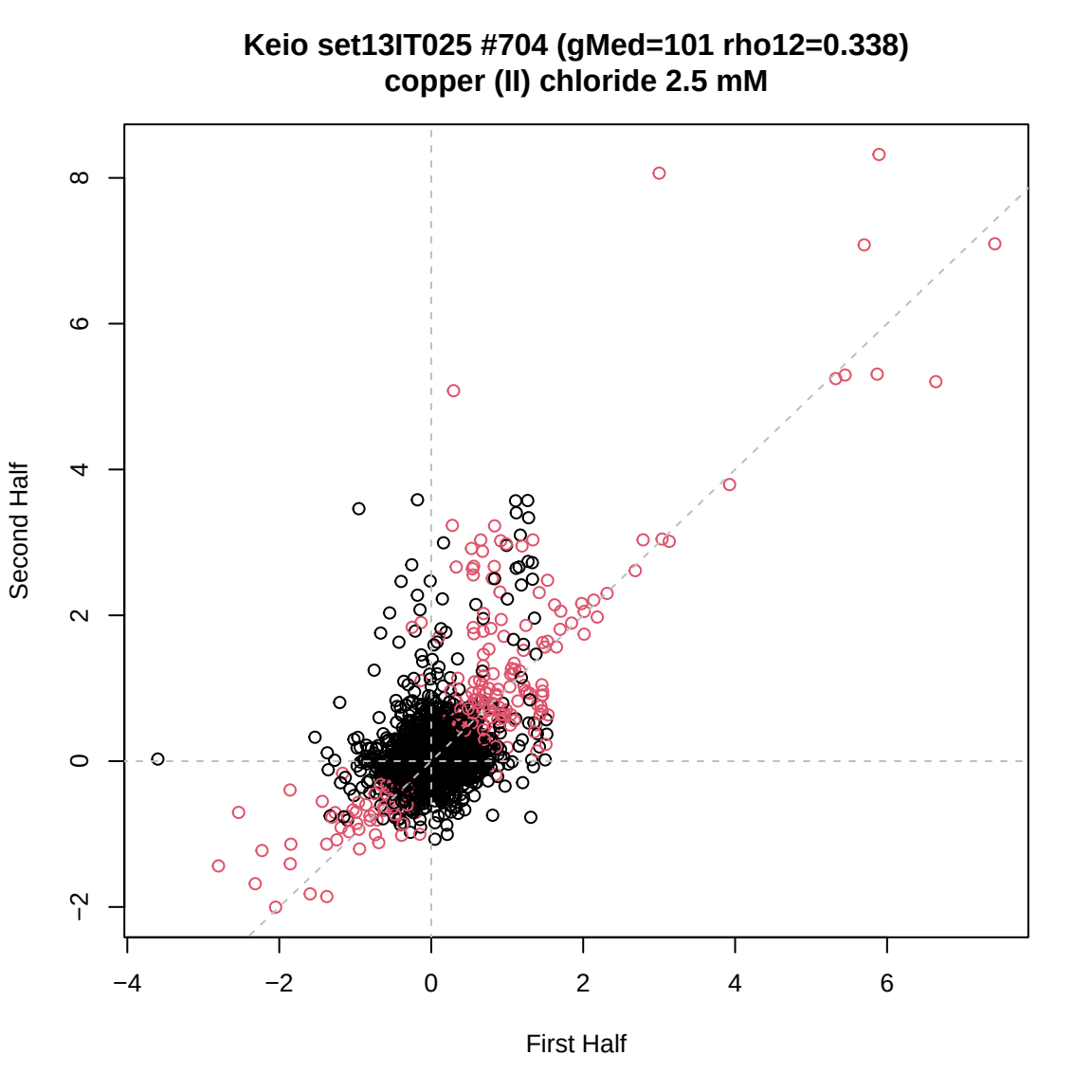

Keio set13IT020 #699 (gMed=260 rho12=0.214)
LB
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

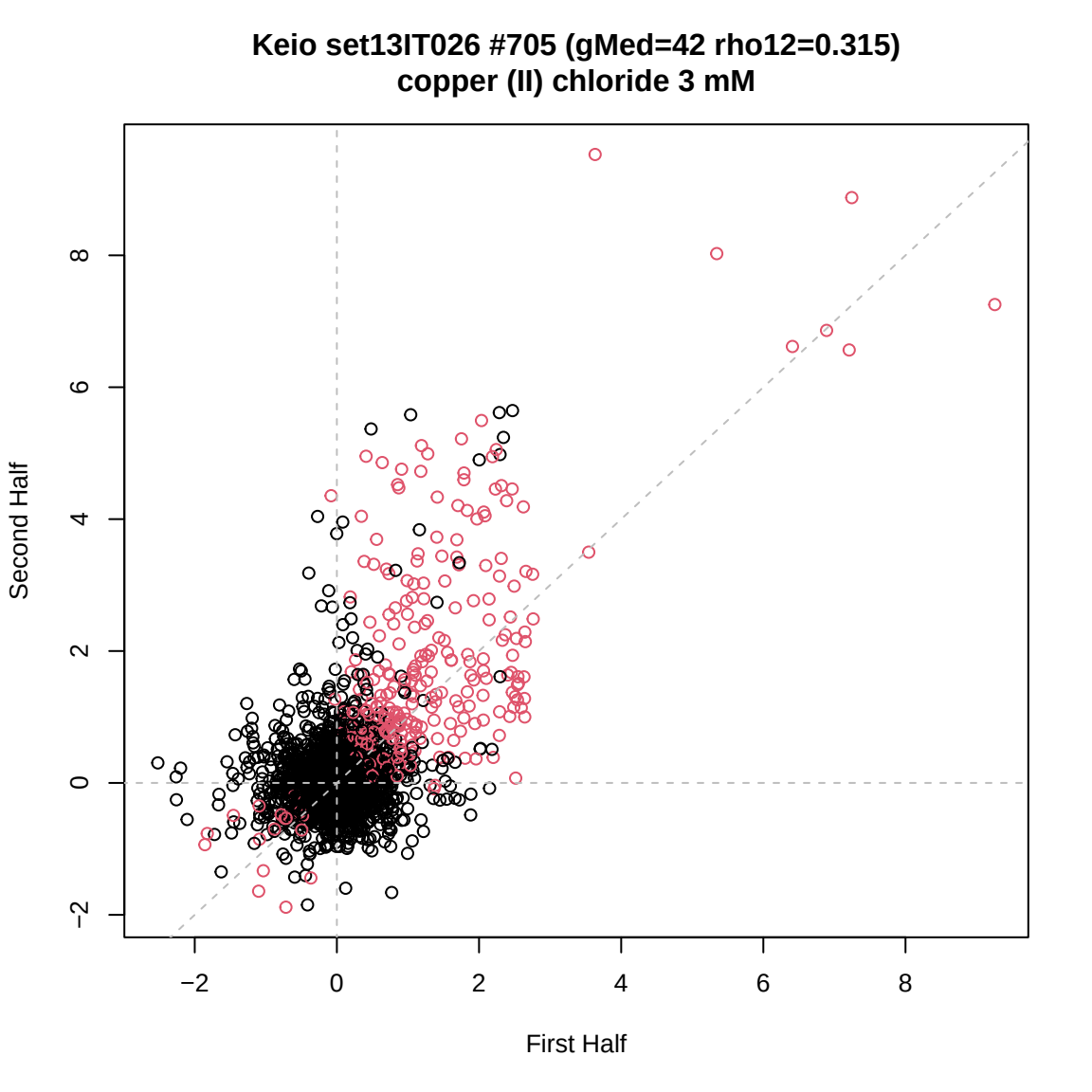

Keio set13IT021 #700 (gMed=224 rho12=0.029)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

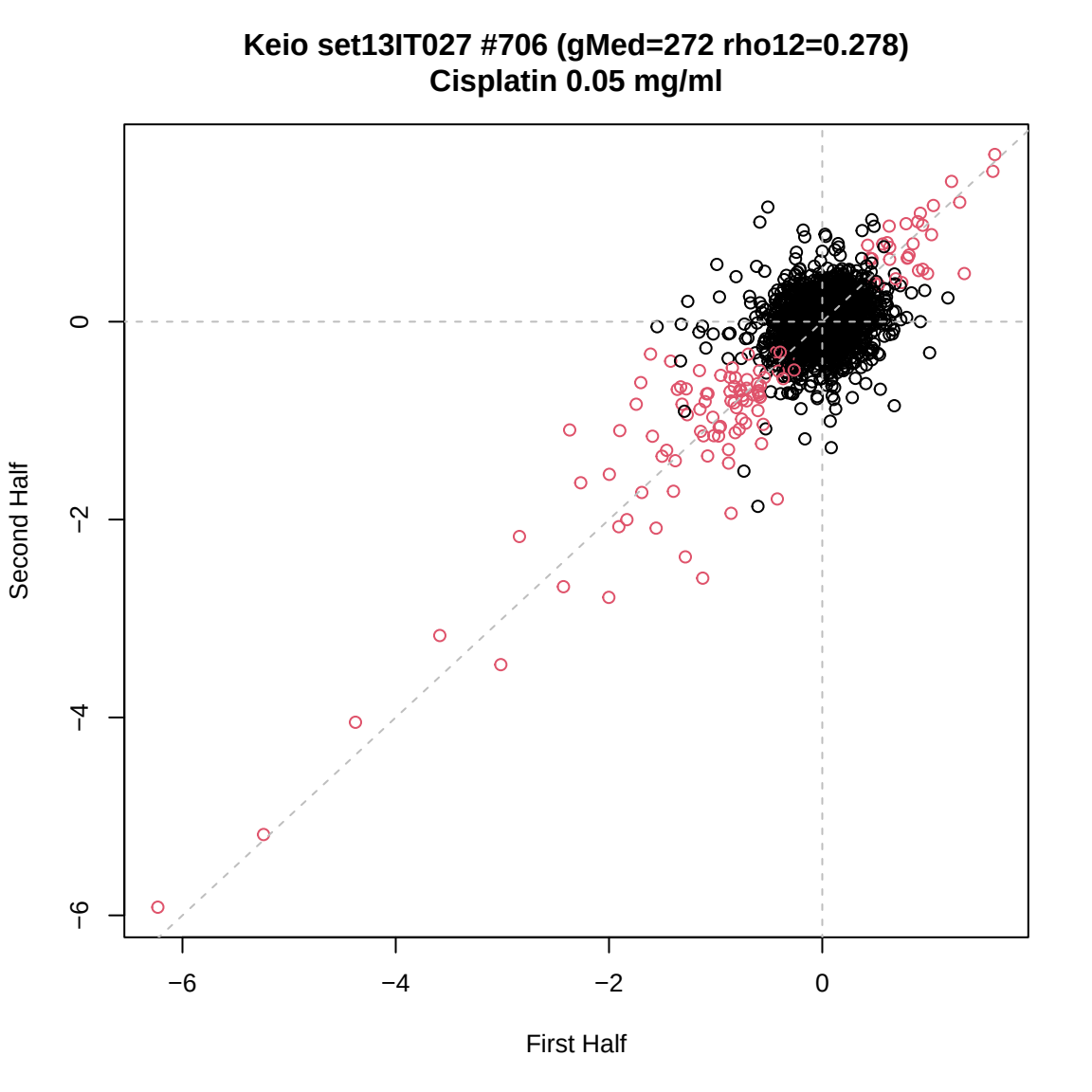

Keio set13IT022 #701 (gMed=219 rho12=−0.003)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

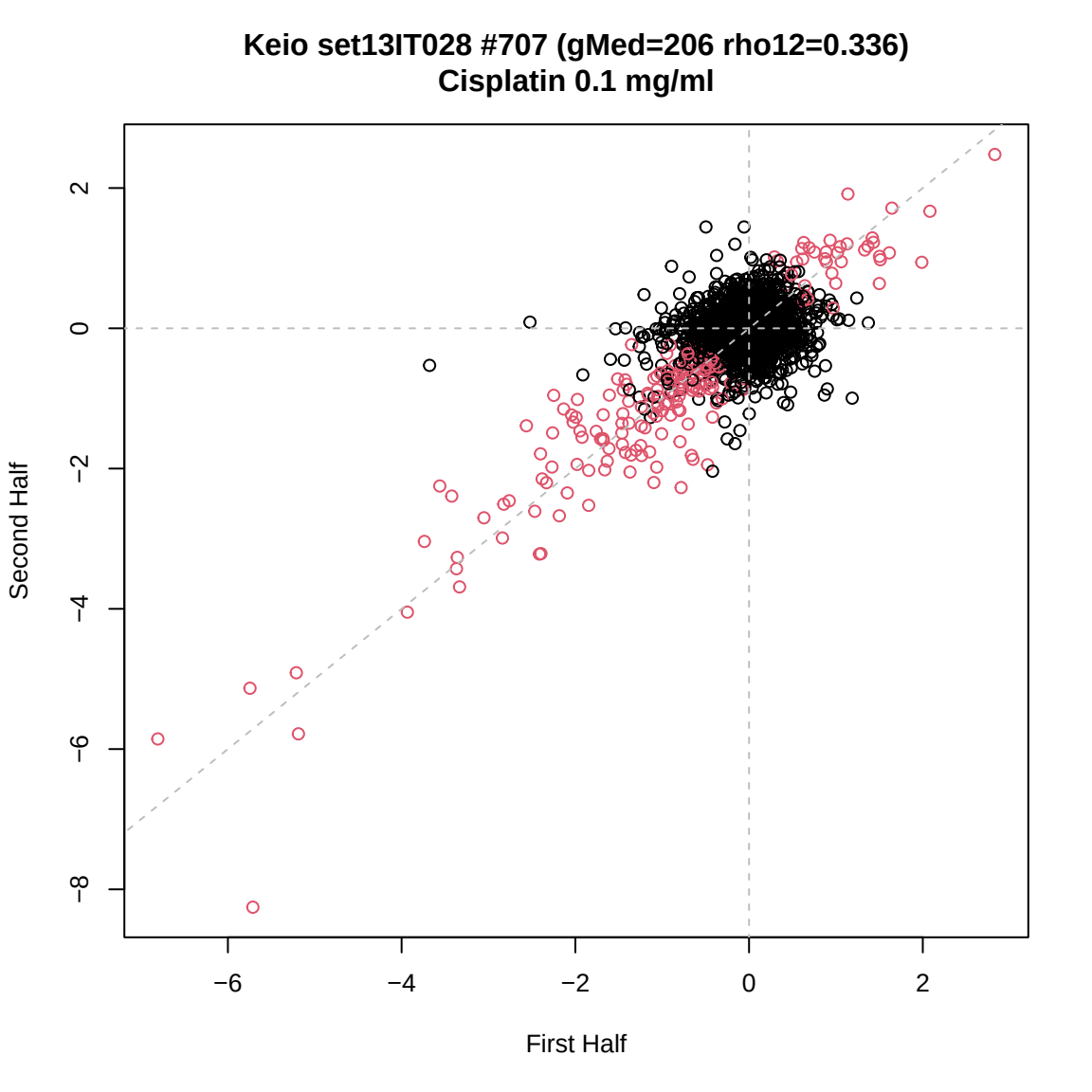

Keio set13IT023 #702 (gMed=233 rho12=−0.015)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−3
−2
−1
0
1

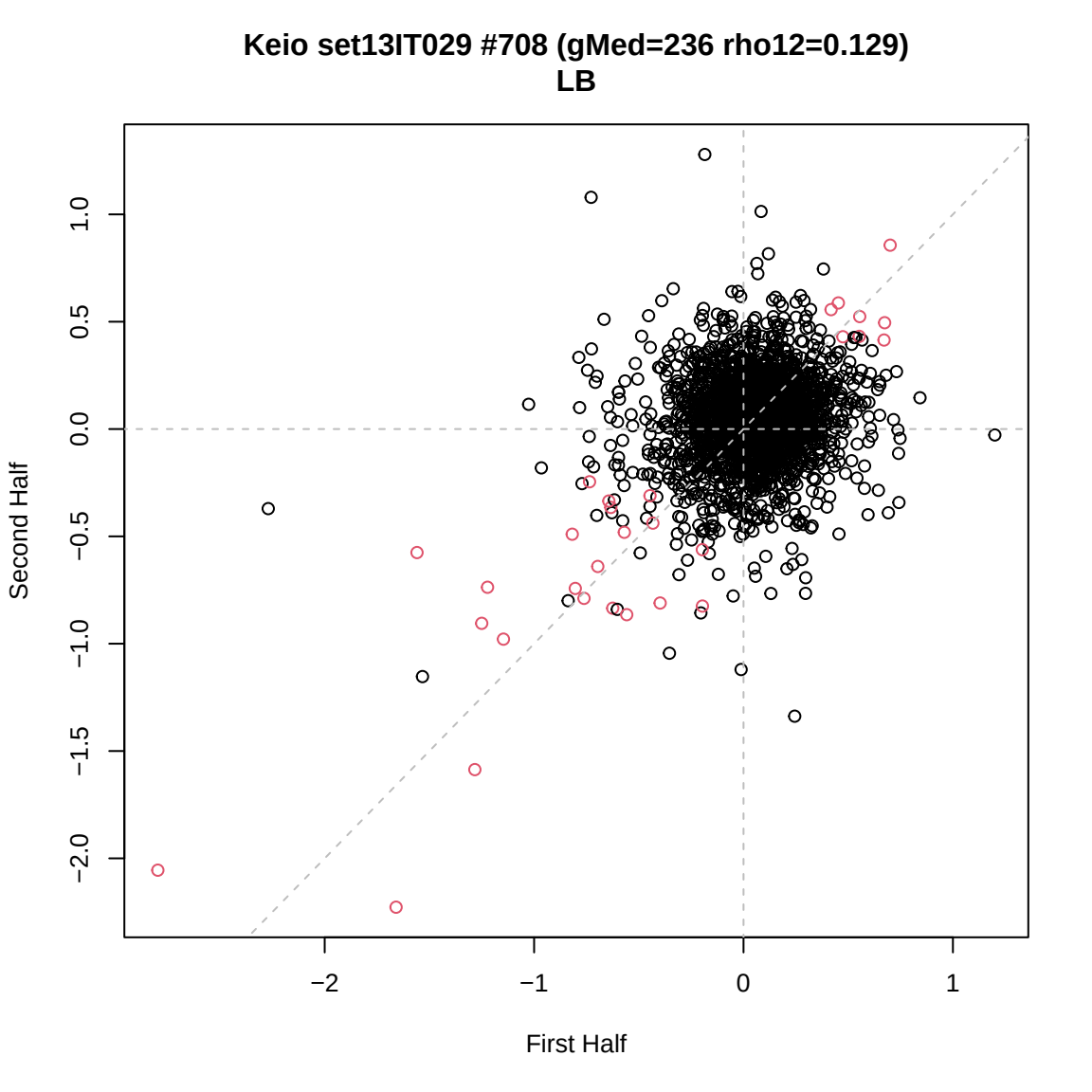

Keio set13IT024 #703 (gMed=213 rho12=0.024)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

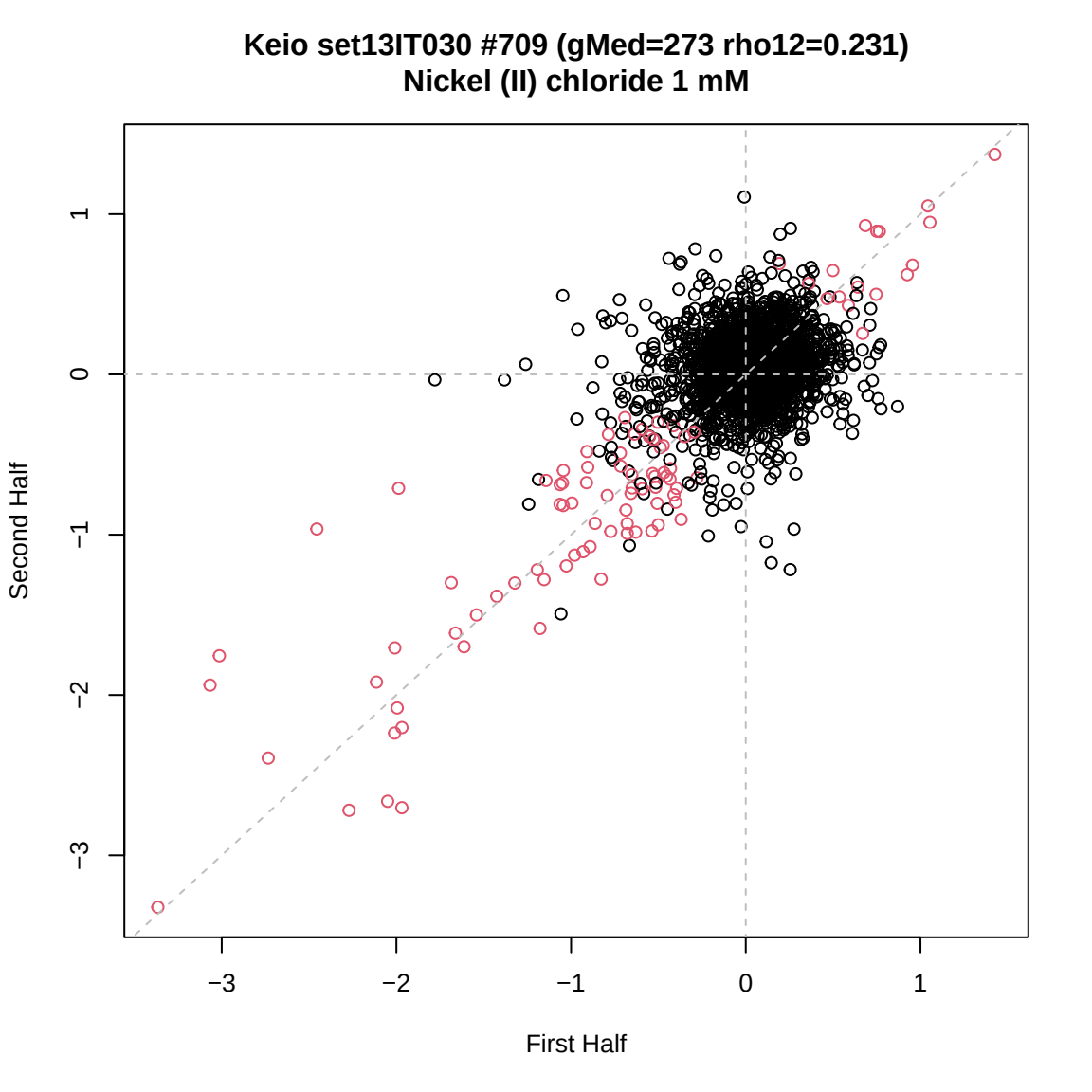

Keio set13IT025 #704 (gMed=101 rho12=0.338)
copper (II) chloride 2.5 mM
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

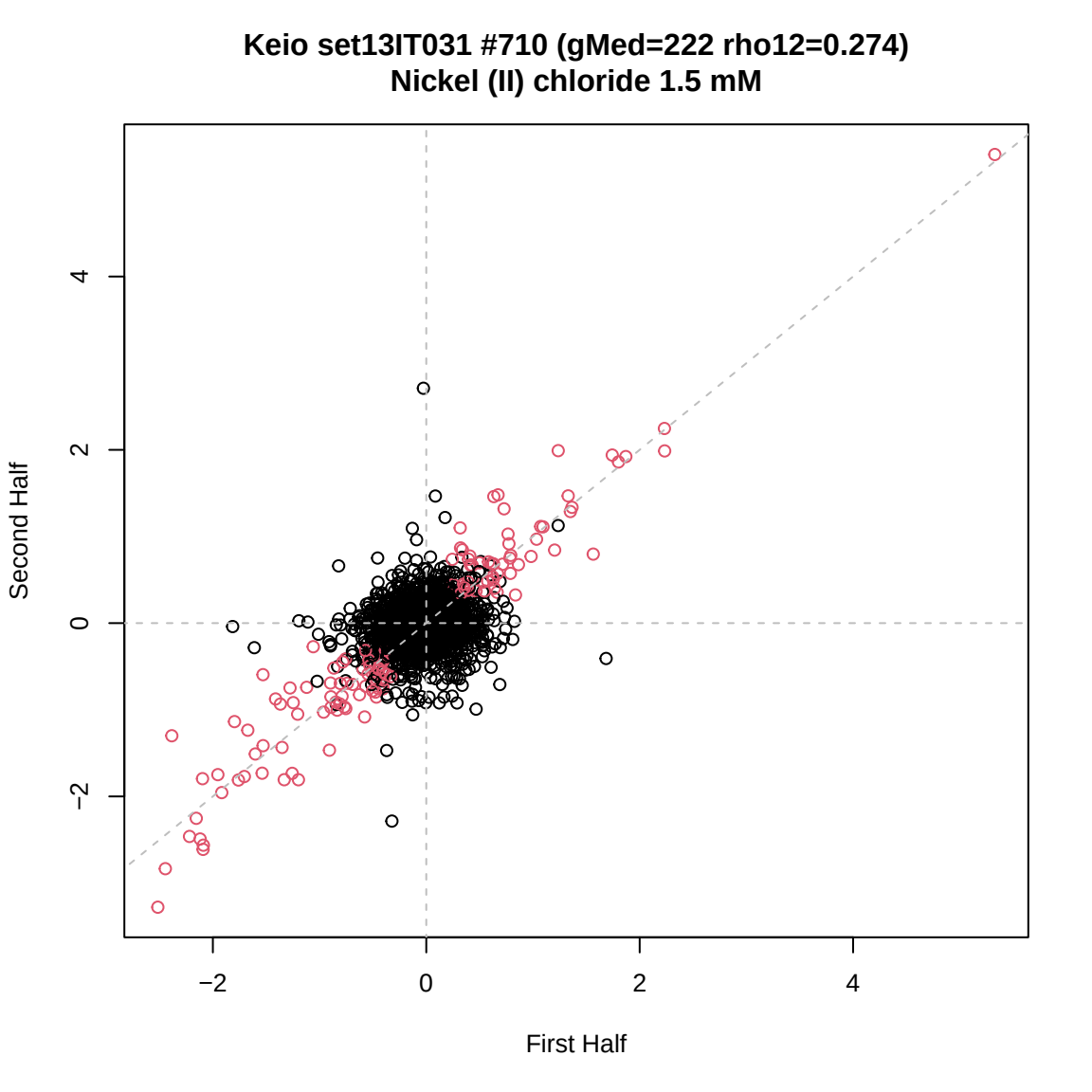

Keio set13IT026 #705 (gMed=42 rho12=0.315)
copper (II) chloride 3 mM
Second Half
First Half
−2
0
2
4
6
8

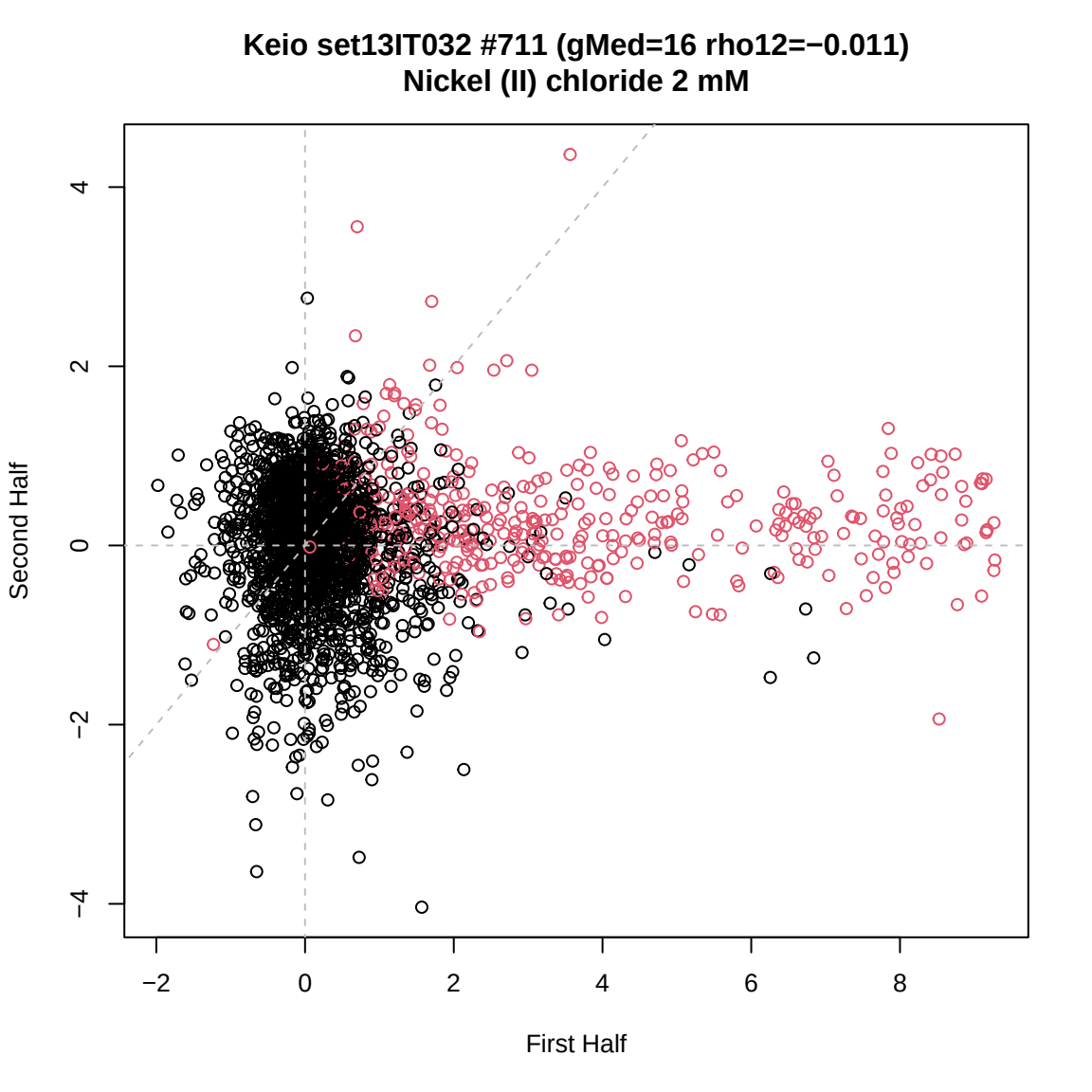

Keio set13IT027 #706 (gMed=272 rho12=0.278)
Cisplatin 0.05 mg/ml
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

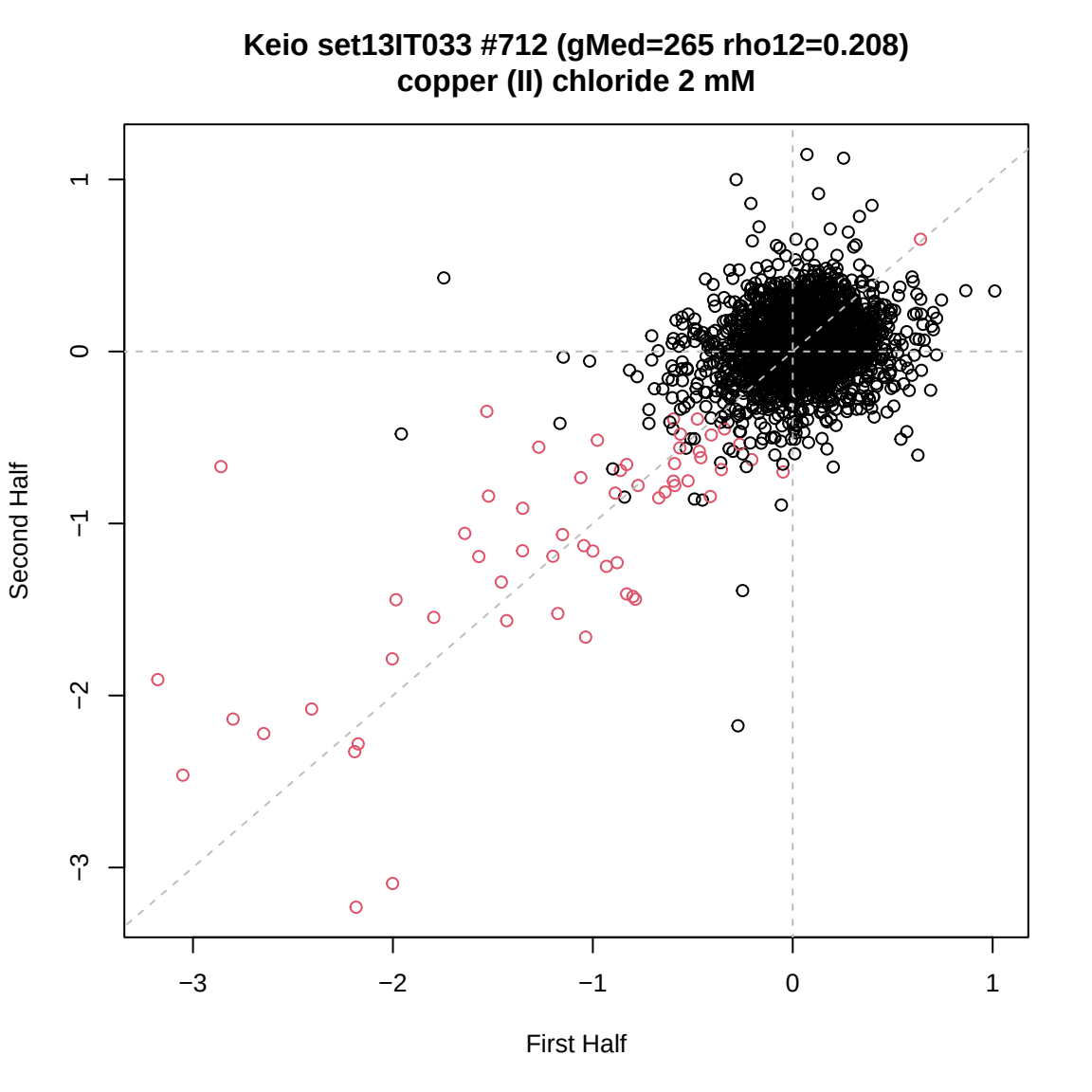

Keio set13IT028 #707 (gMed=206 rho12=0.336)
Cisplatin 0.1 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

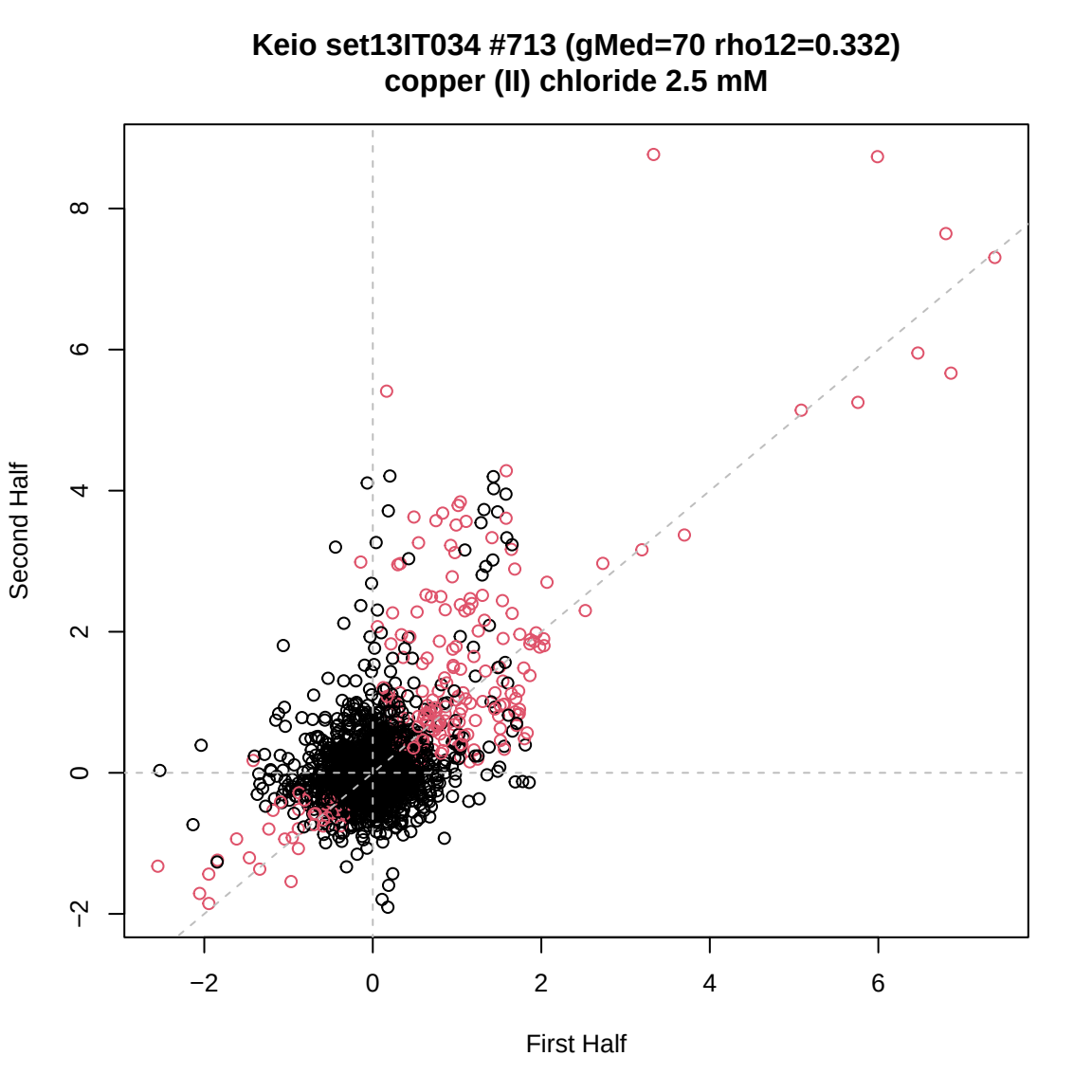

Keio set13IT029 #708 (gMed=236 rho12=0.129)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

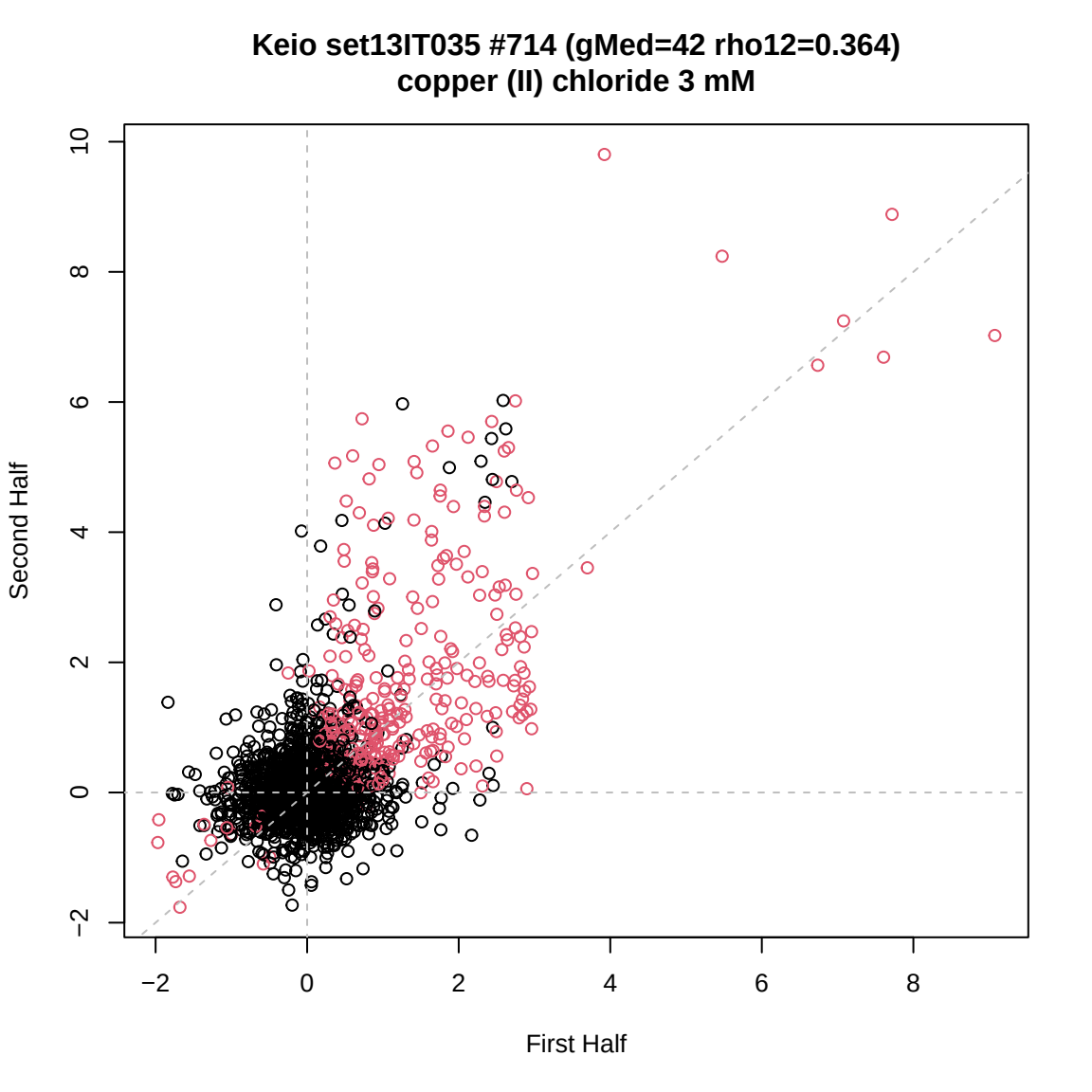

Keio set13IT030 #709 (gMed=273 rho12=0.231)
Nickel (II) chloride 1 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

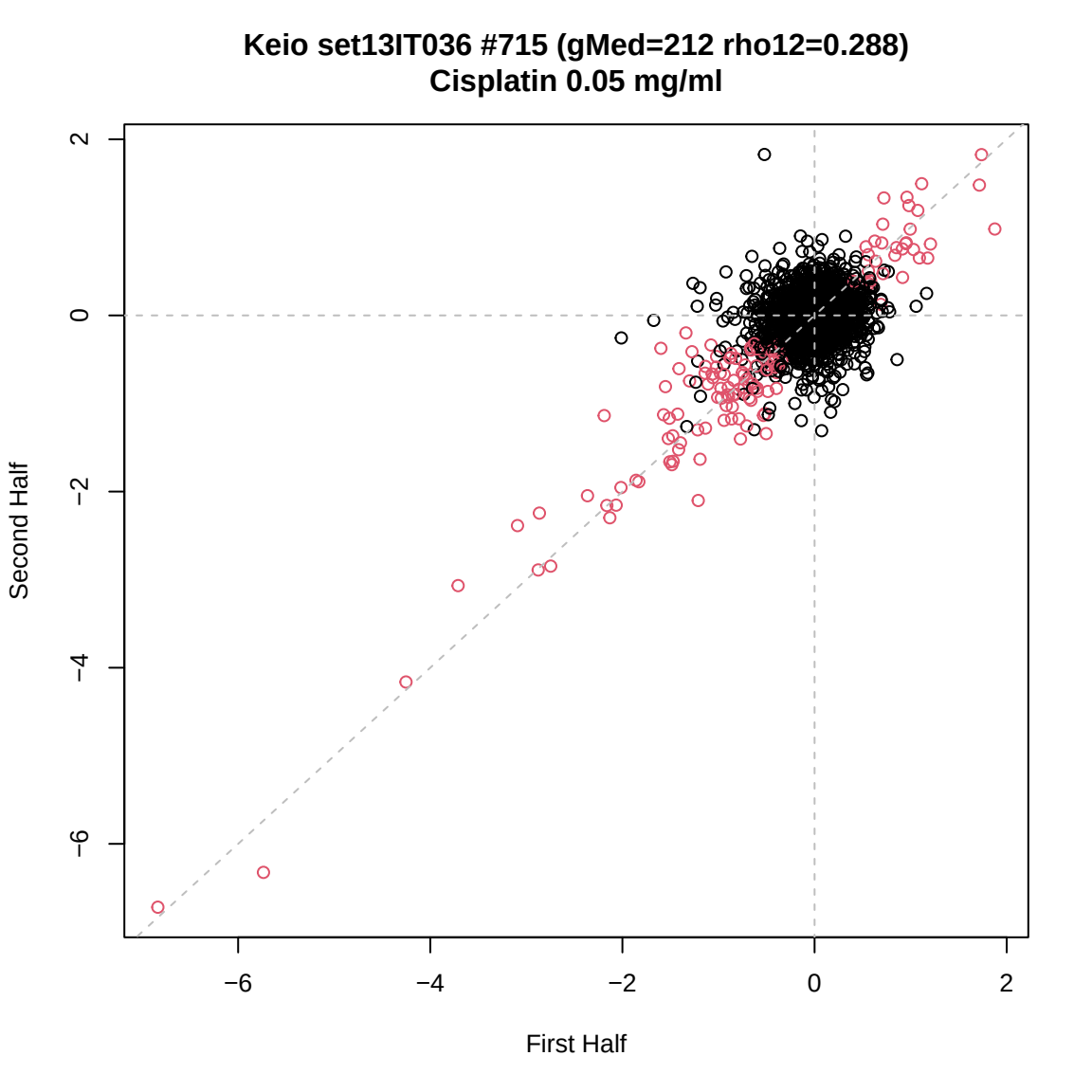

Keio set13IT031 #710 (gMed=222 rho12=0.274)
Nickel (II) chloride 1.5 mM
Second Half
First Half
−2
0
2
4
−2
0
2
4

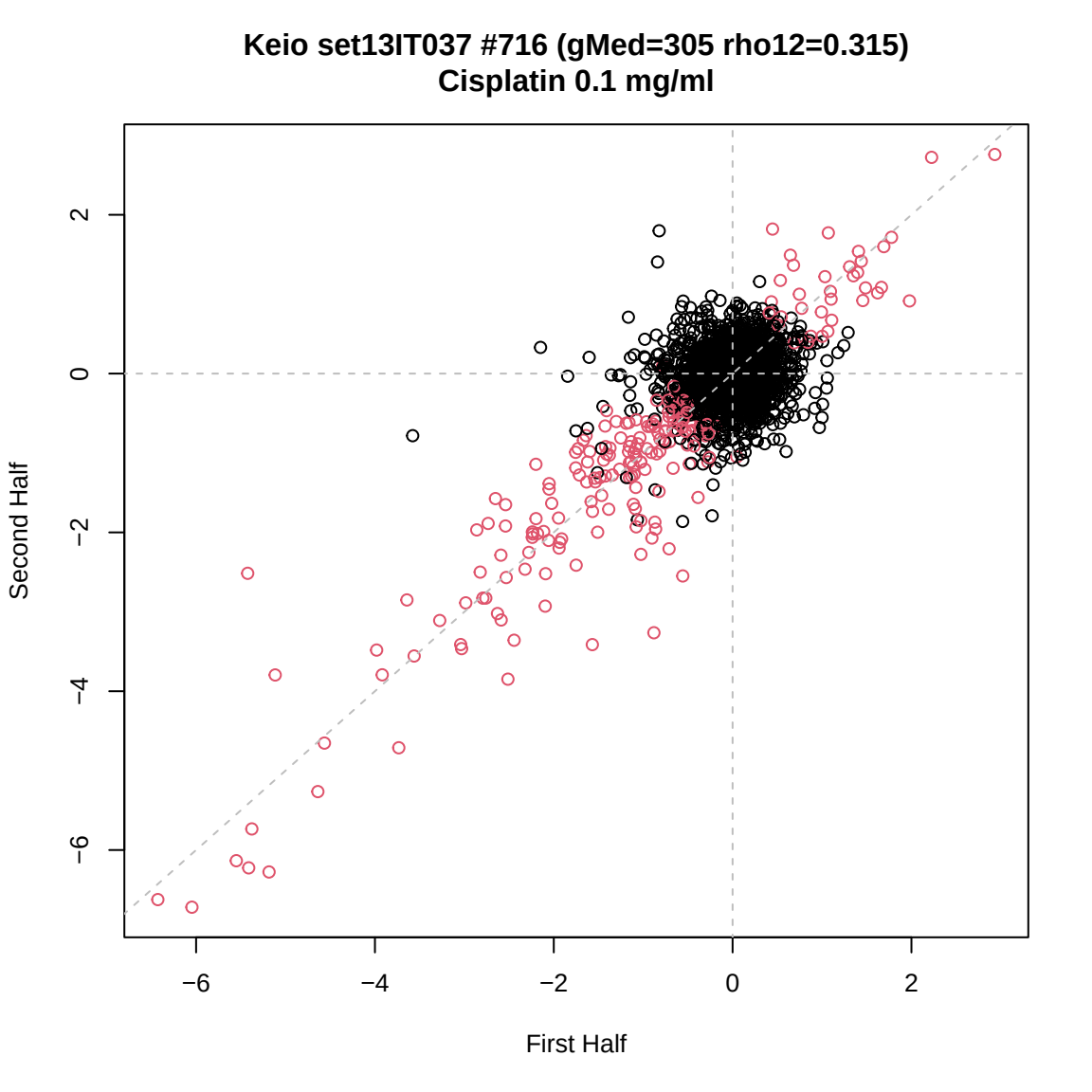

Keio set13IT032 #711 (gMed=16 rho12=−0.011)
Nickel (II) chloride 2 mM
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6
8

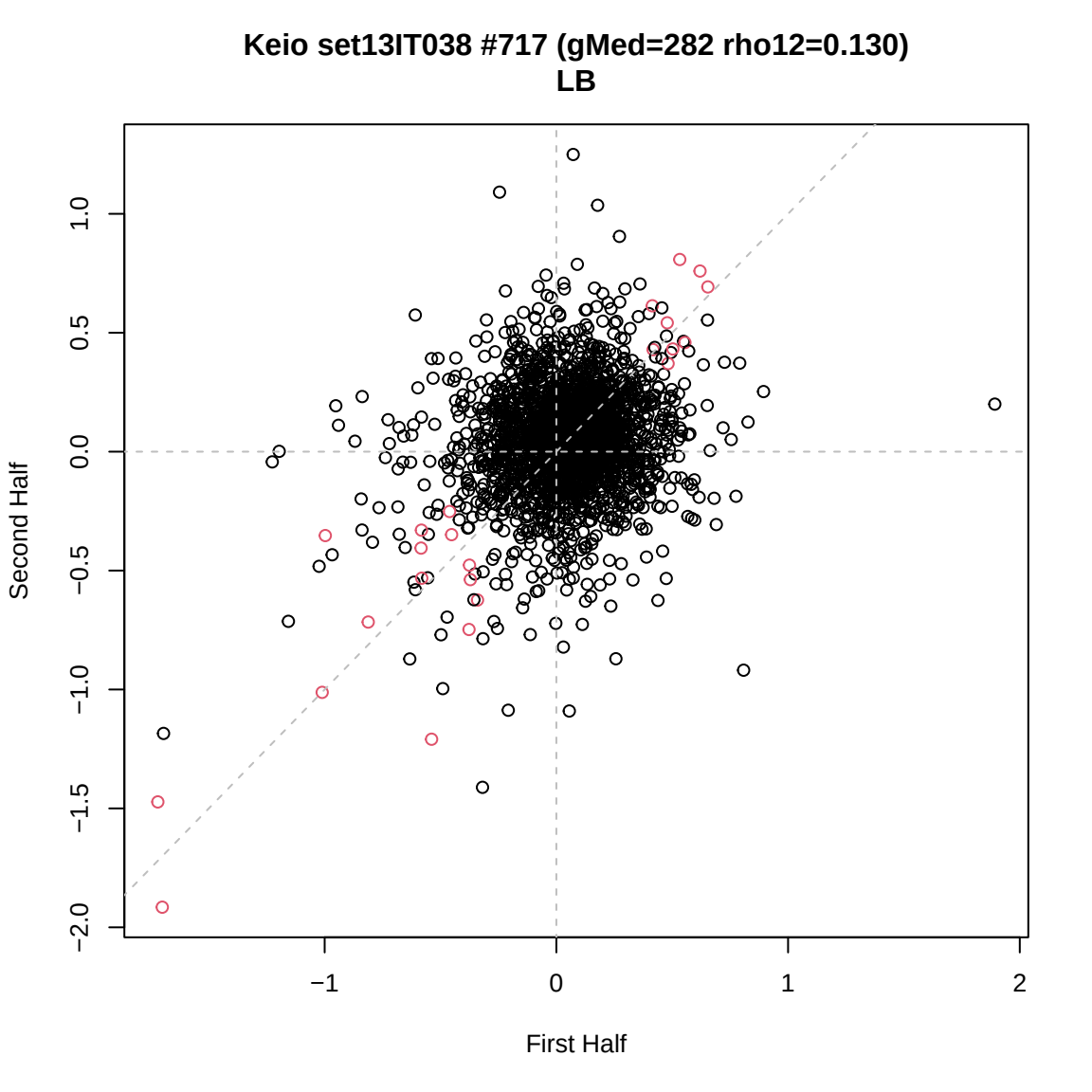

Keio set13IT033 #712 (gMed=265 rho12=0.208)
copper (II) chloride 2 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

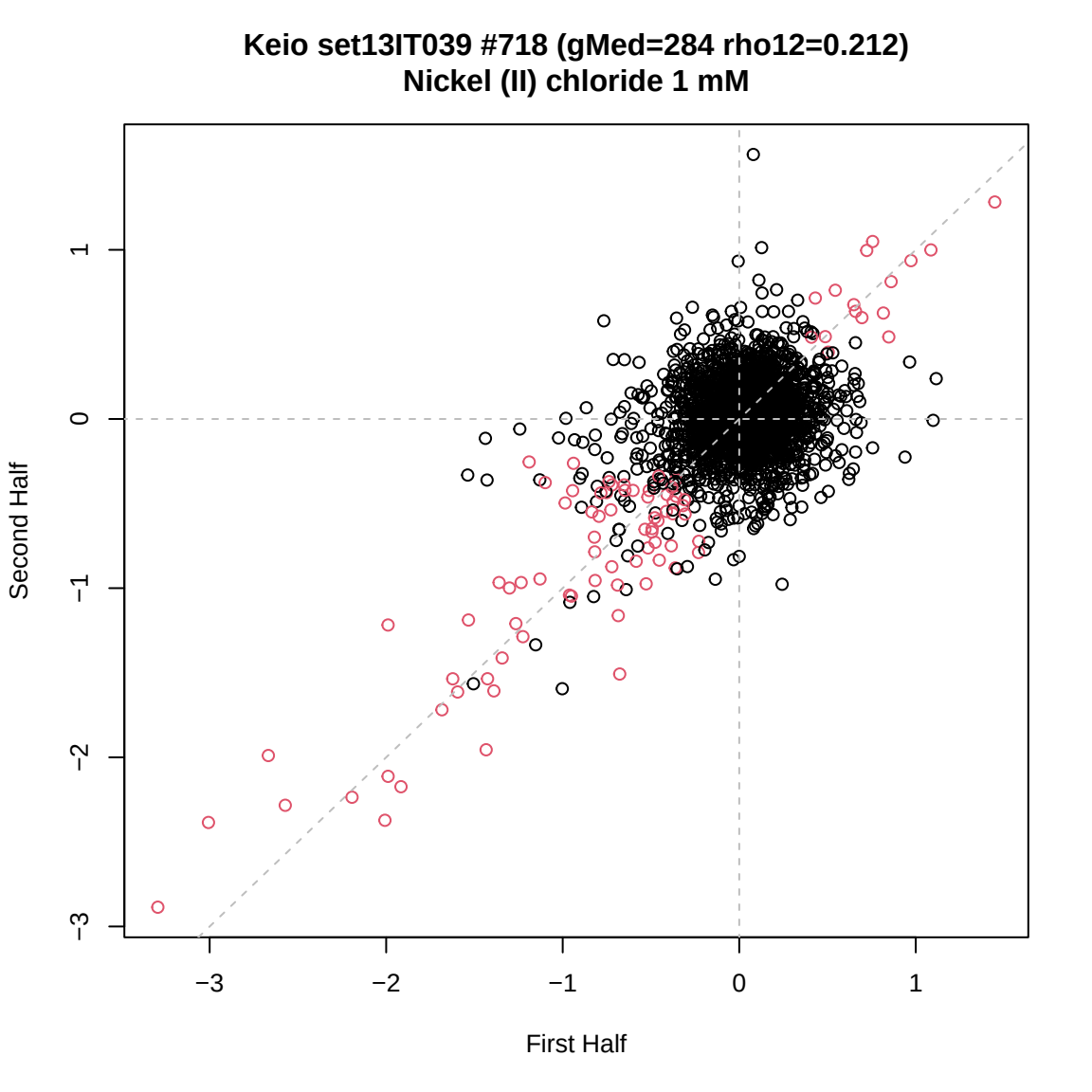

Keio set13IT034 #713 (gMed=70 rho12=0.332)
copper (II) chloride 2.5 mM
Second Half
First Half
−2
0
2
4
6
8

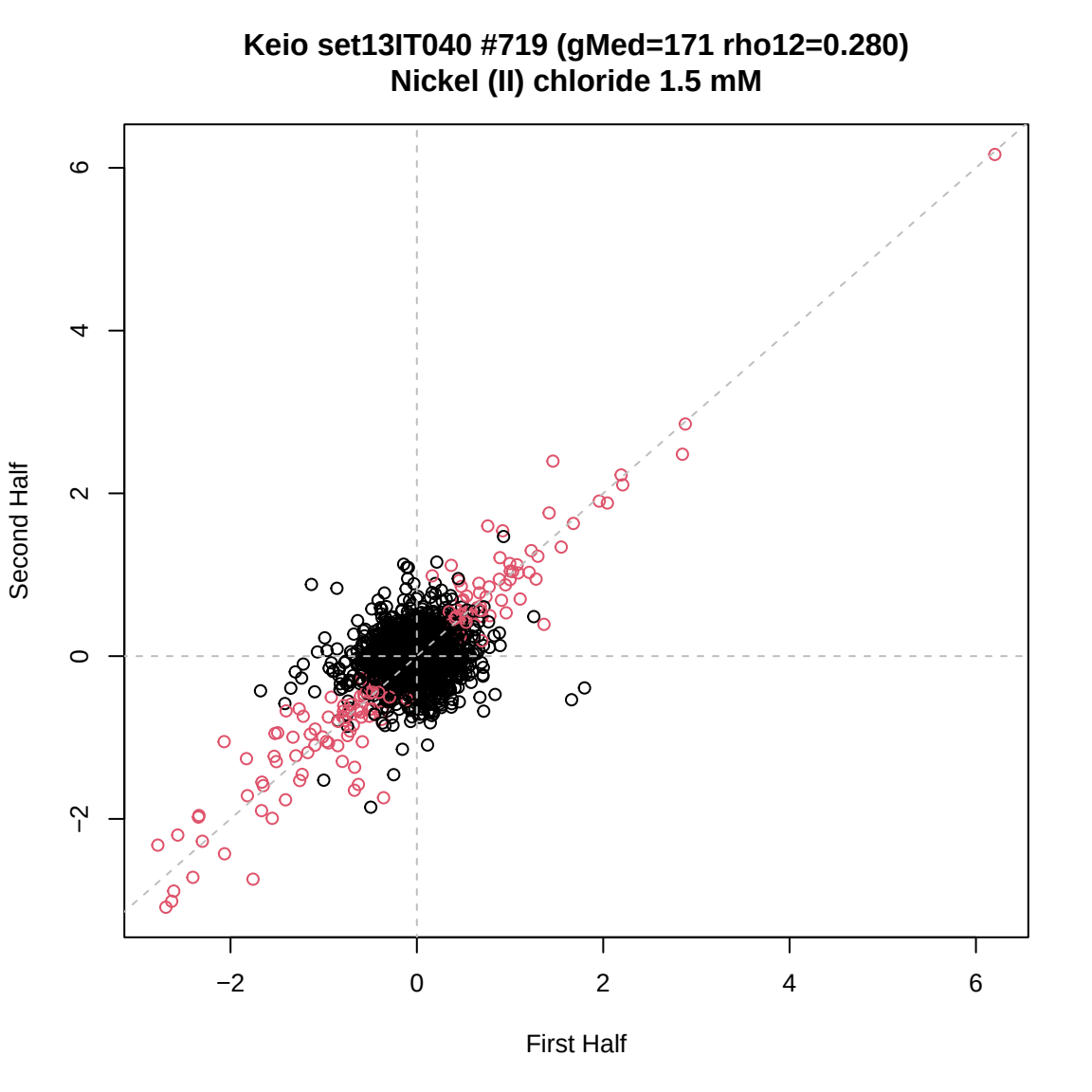

Keio set13IT035 #714 (gMed=42 rho12=0.364)
copper (II) chloride 3 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

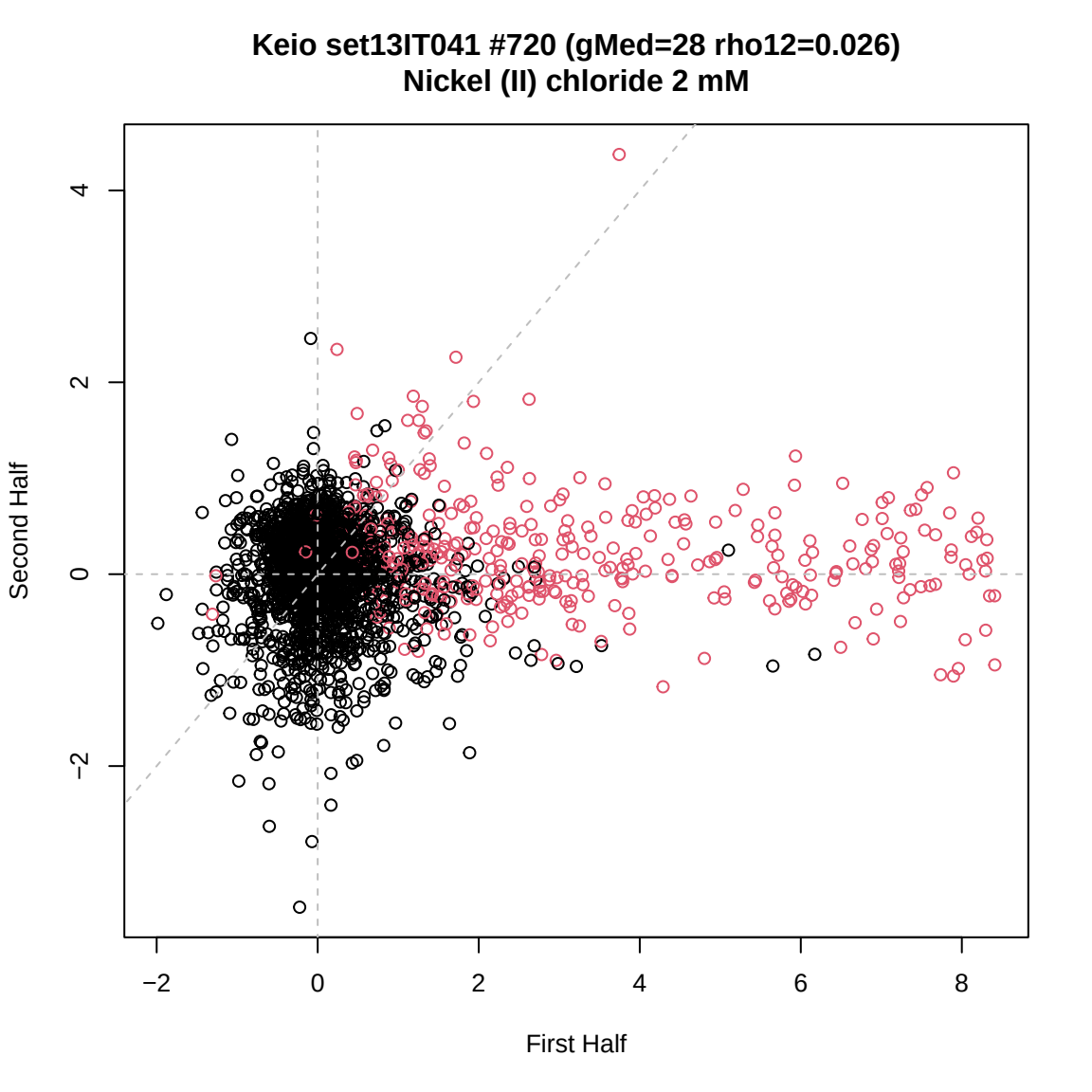

Keio set13IT036 #715 (gMed=212 rho12=0.288)
Cisplatin 0.05 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

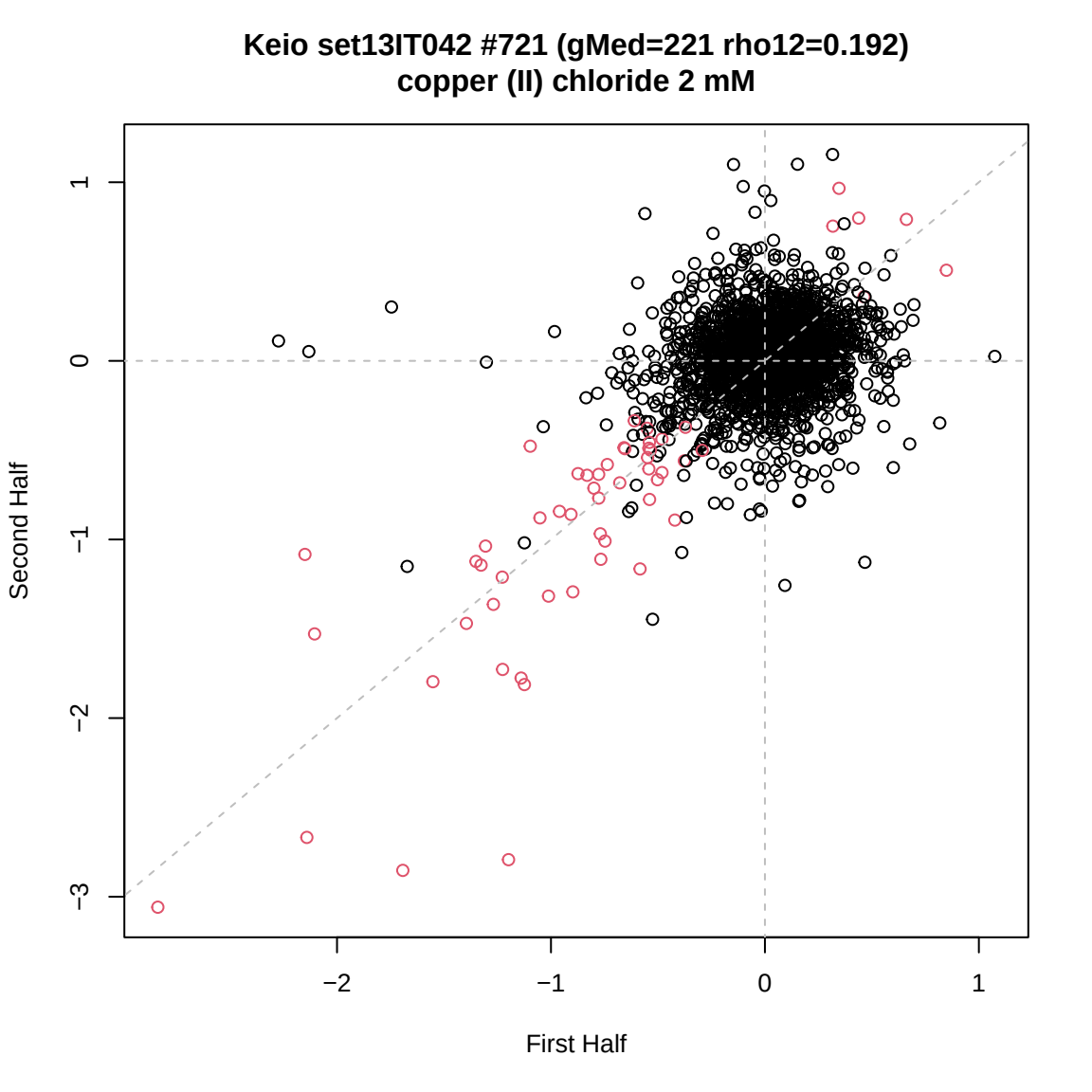

Keio set13IT037 #716 (gMed=305 rho12=0.315)
Cisplatin 0.1 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

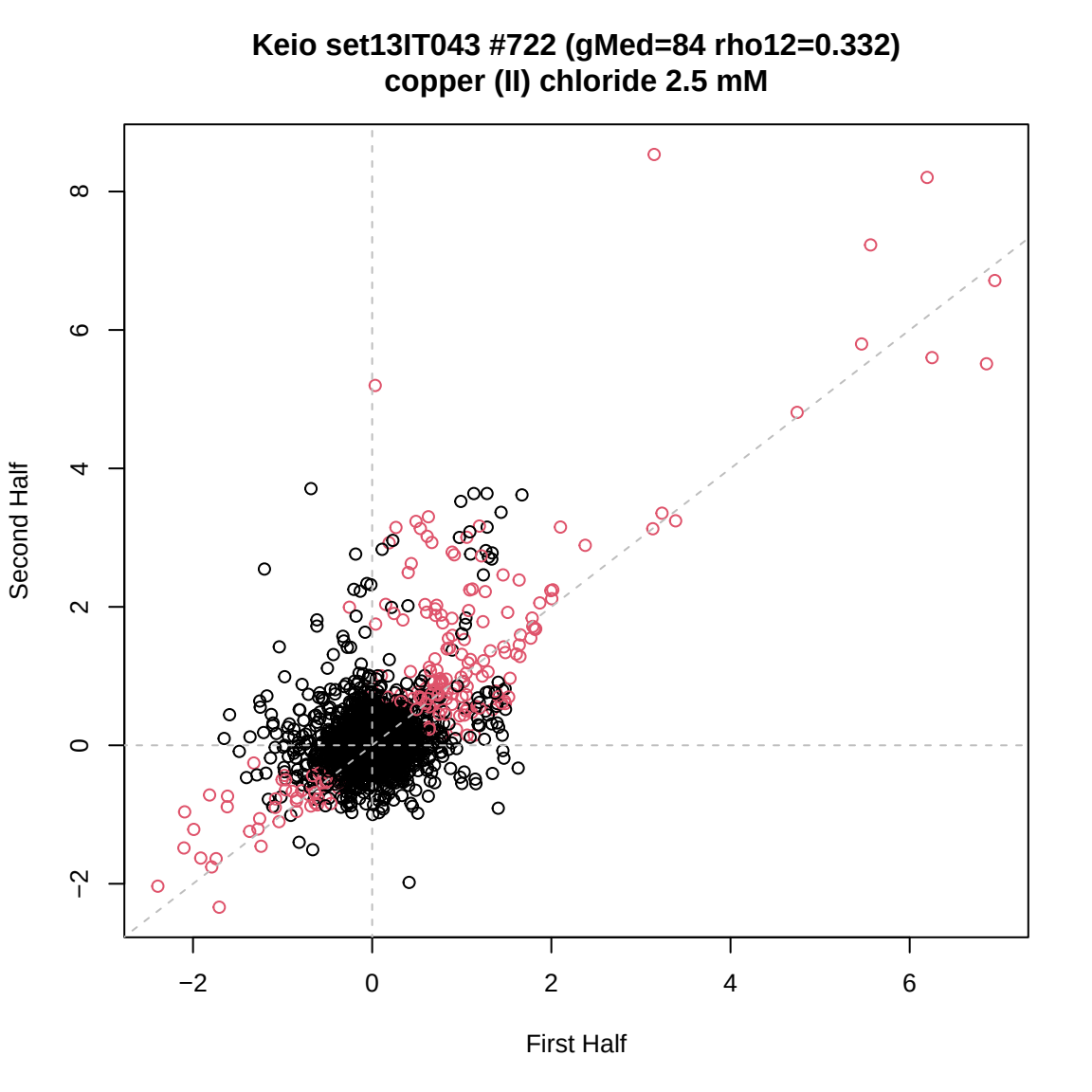

Keio set13IT038 #717 (gMed=282 rho12=0.130)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1
0
1
2

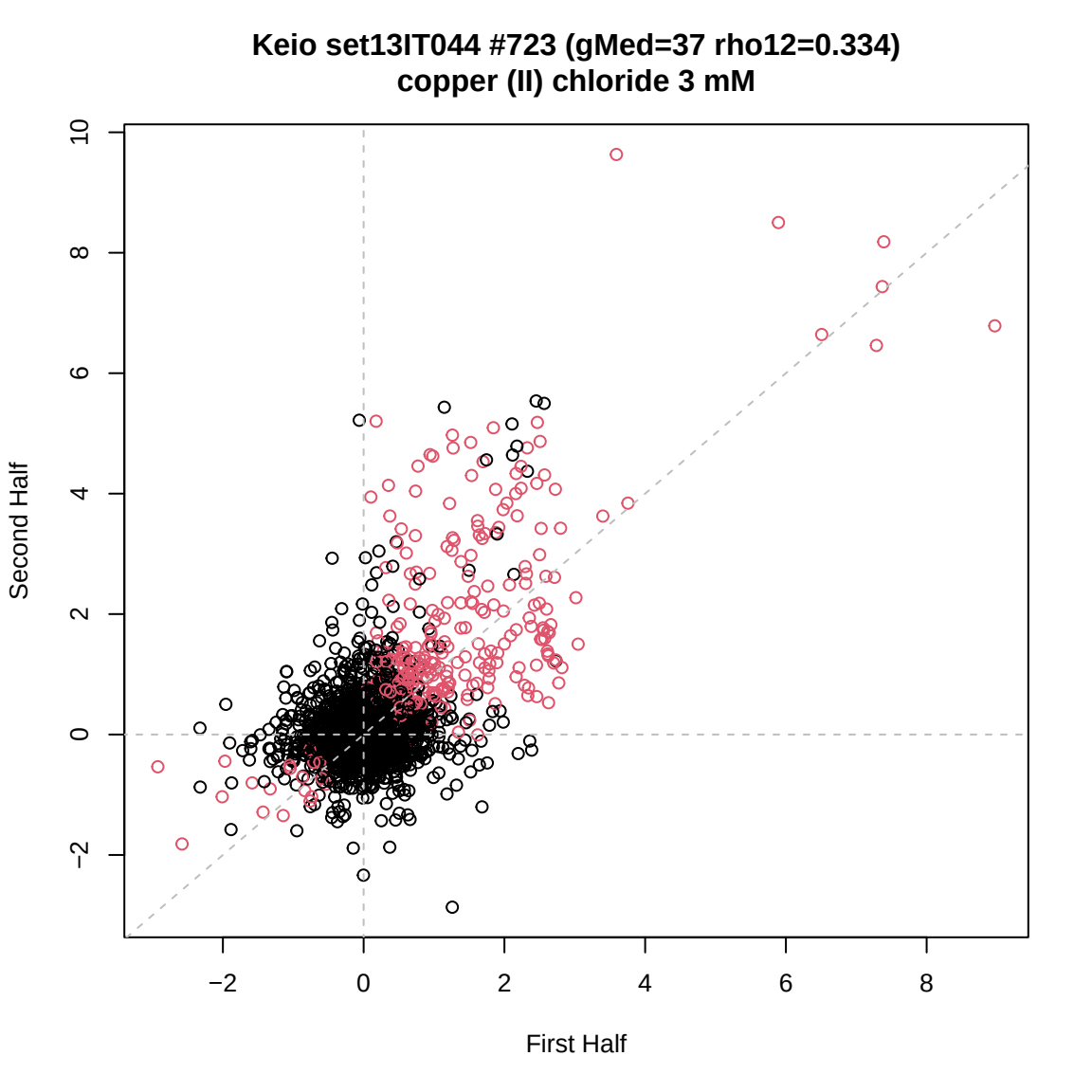

Keio set13IT039 #718 (gMed=284 rho12=0.212)
Nickel (II) chloride 1 mM
Second Half
First Half
−3
−2
−1
0
1

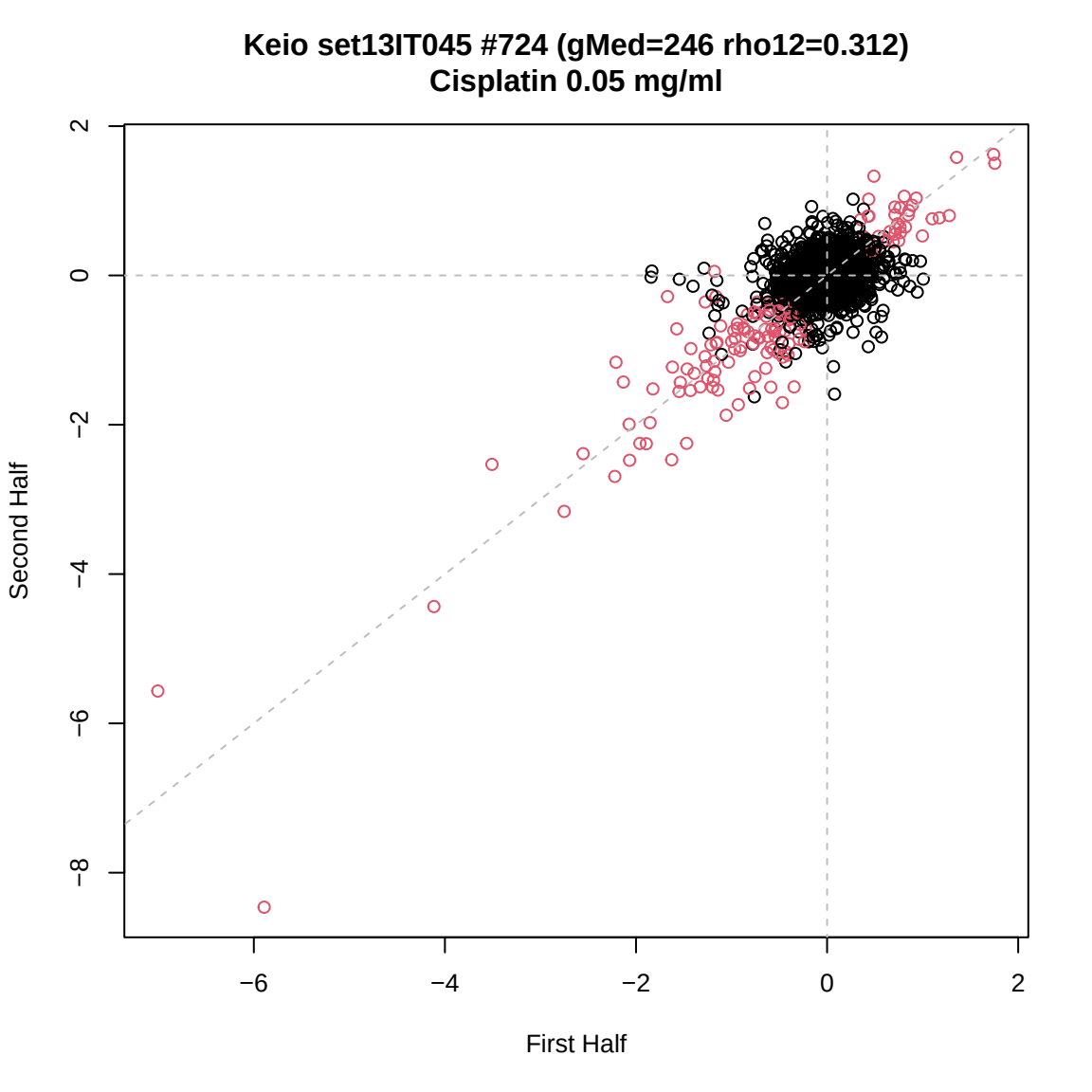

Keio set13IT040 #719 (gMed=171 rho12=0.280)
Nickel (II) chloride 1.5 mM
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

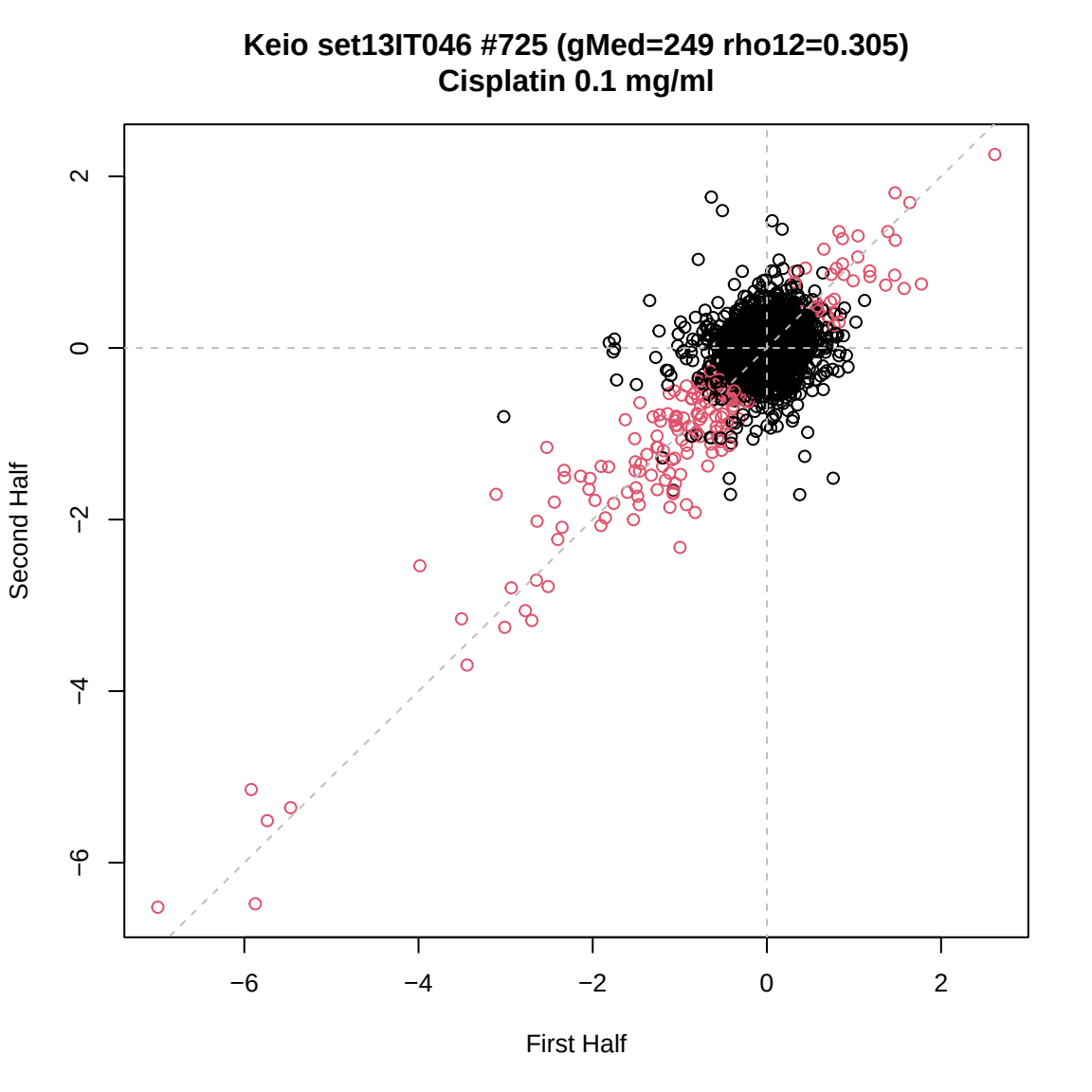

Keio set13IT041 #720 (gMed=28 rho12=0.026)
Nickel (II) chloride 2 mM
Second Half
First Half
4
2
0
−2
−2
0
2
4
6
8

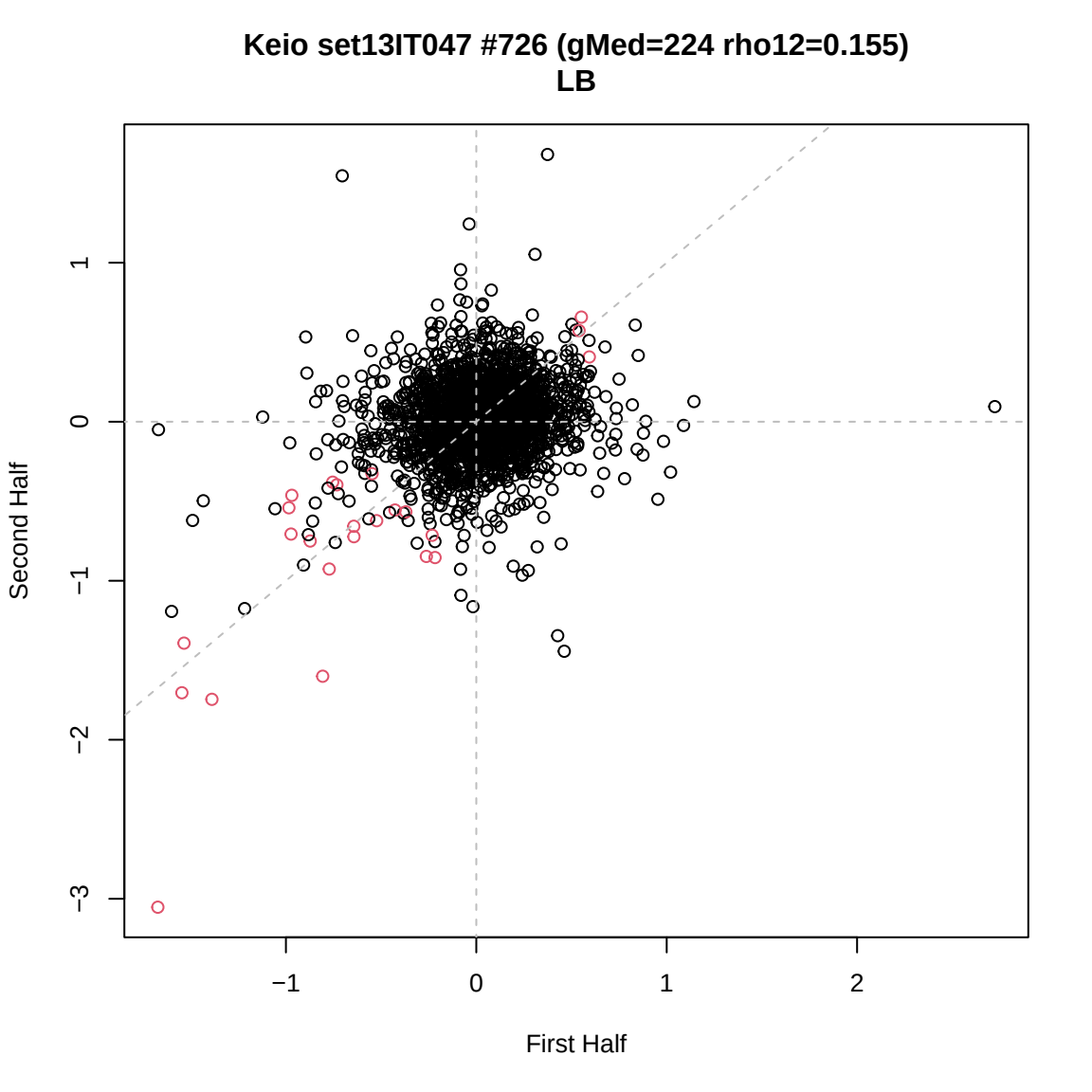

Keio set13IT042 #721 (gMed=221 rho12=0.192)
copper (II) chloride 2 mM
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

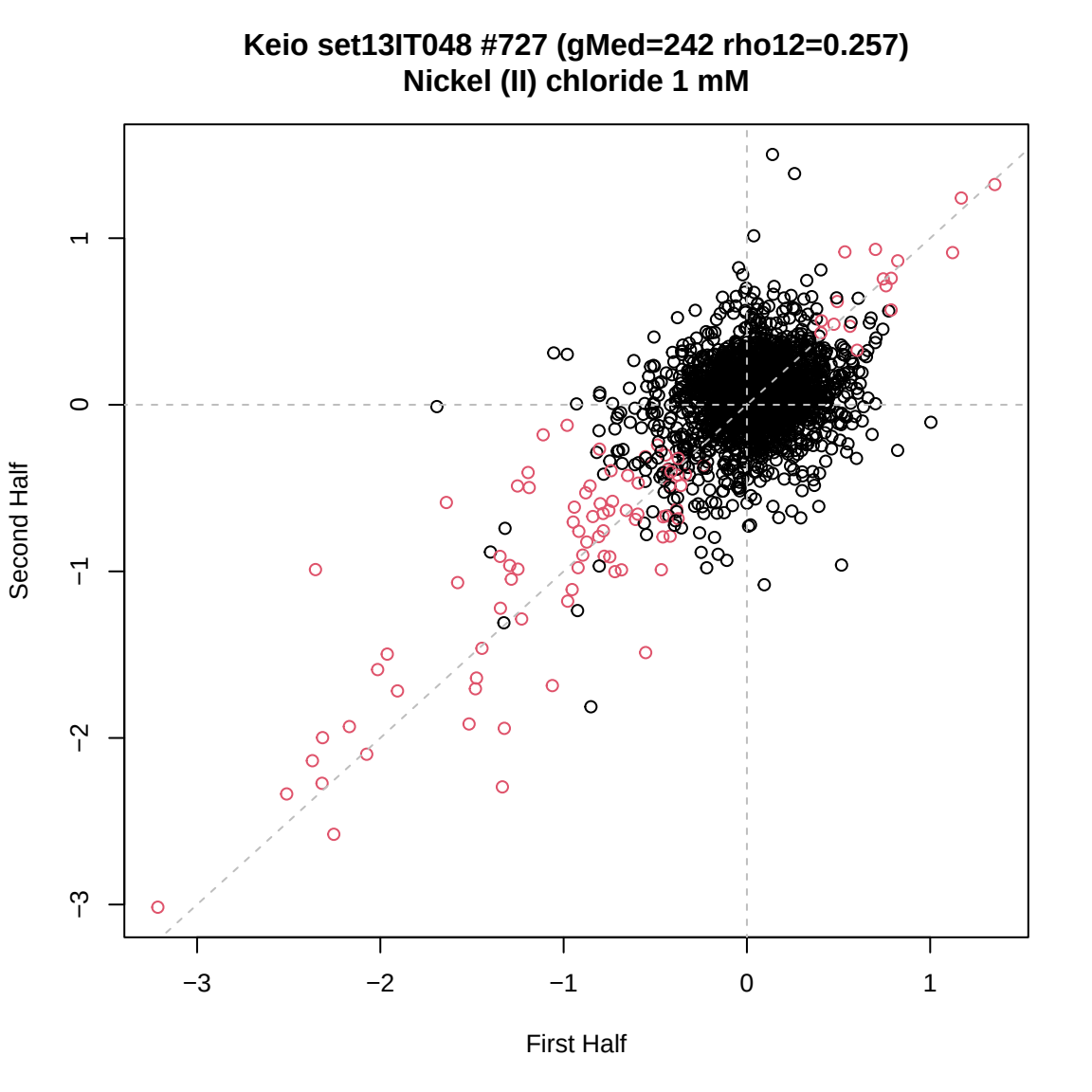

Keio set13IT043 #722 (gMed=84 rho12=0.332)
copper (II) chloride 2.5 mM
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6

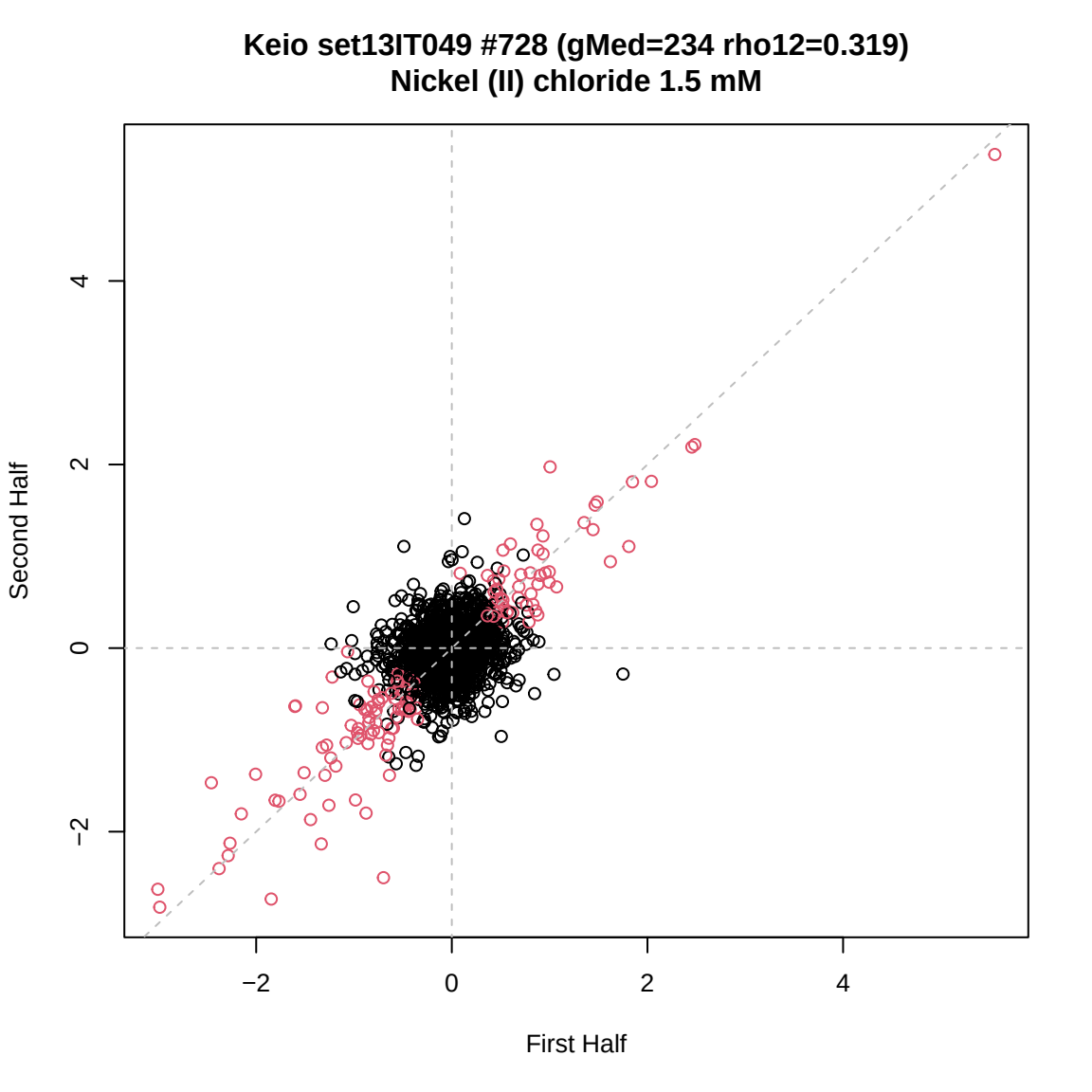

Keio set13IT044 #723 (gMed=37 rho12=0.334)
copper (II) chloride 3 mM
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

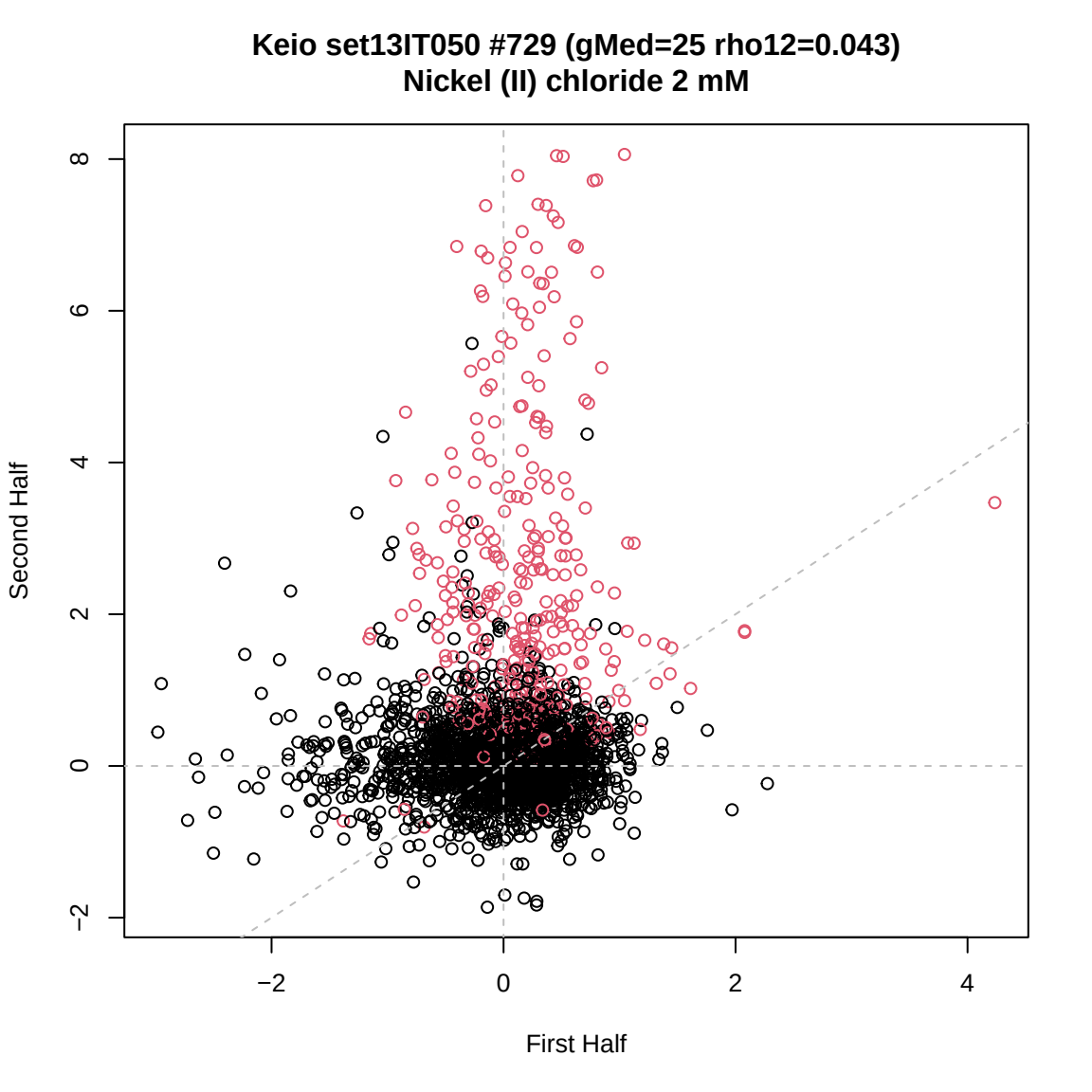

Keio set13IT045 #724 (gMed=246 rho12=0.312)
Cisplatin 0.05 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

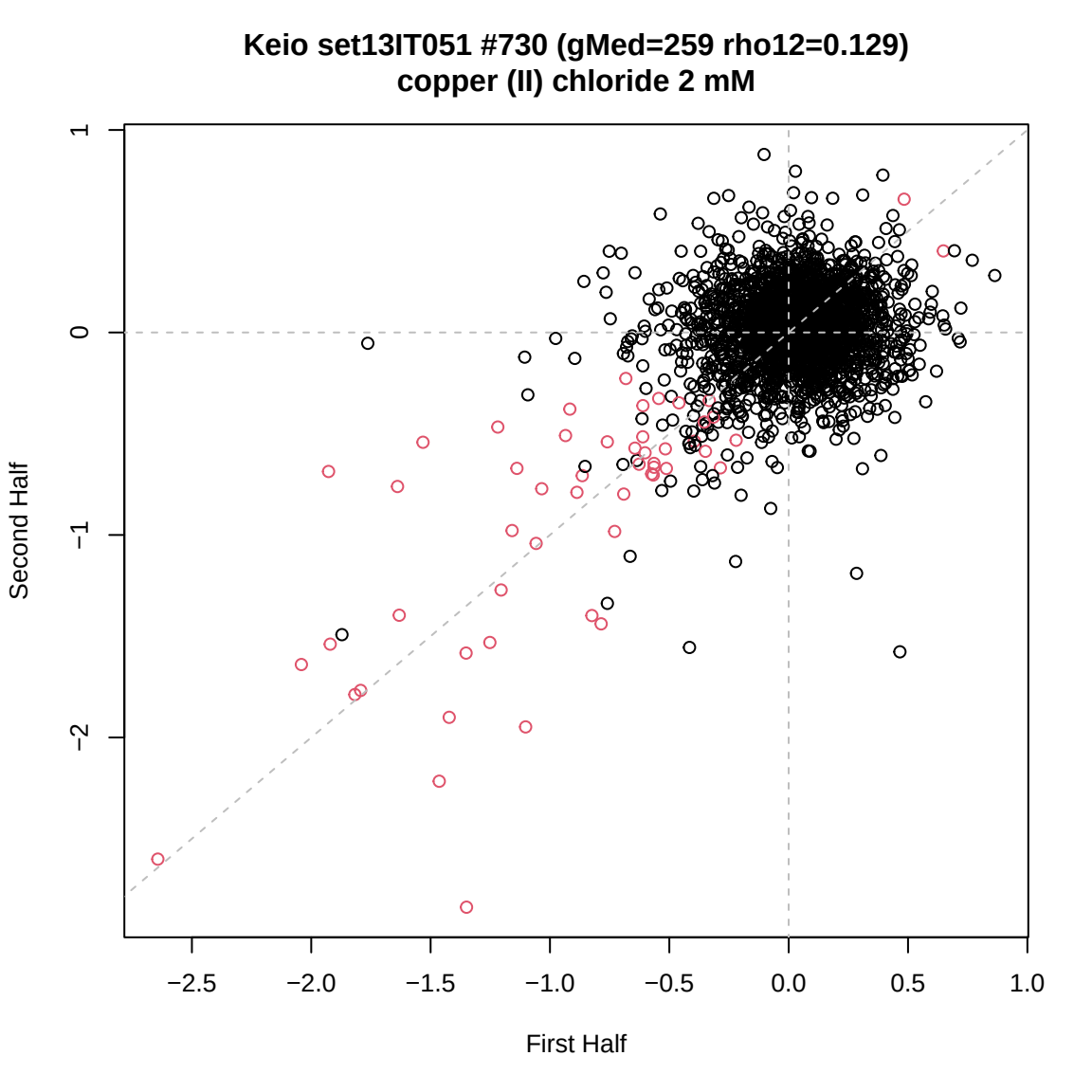

Keio set13IT046 #725 (gMed=249 rho12=0.305)
Cisplatin 0.1 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

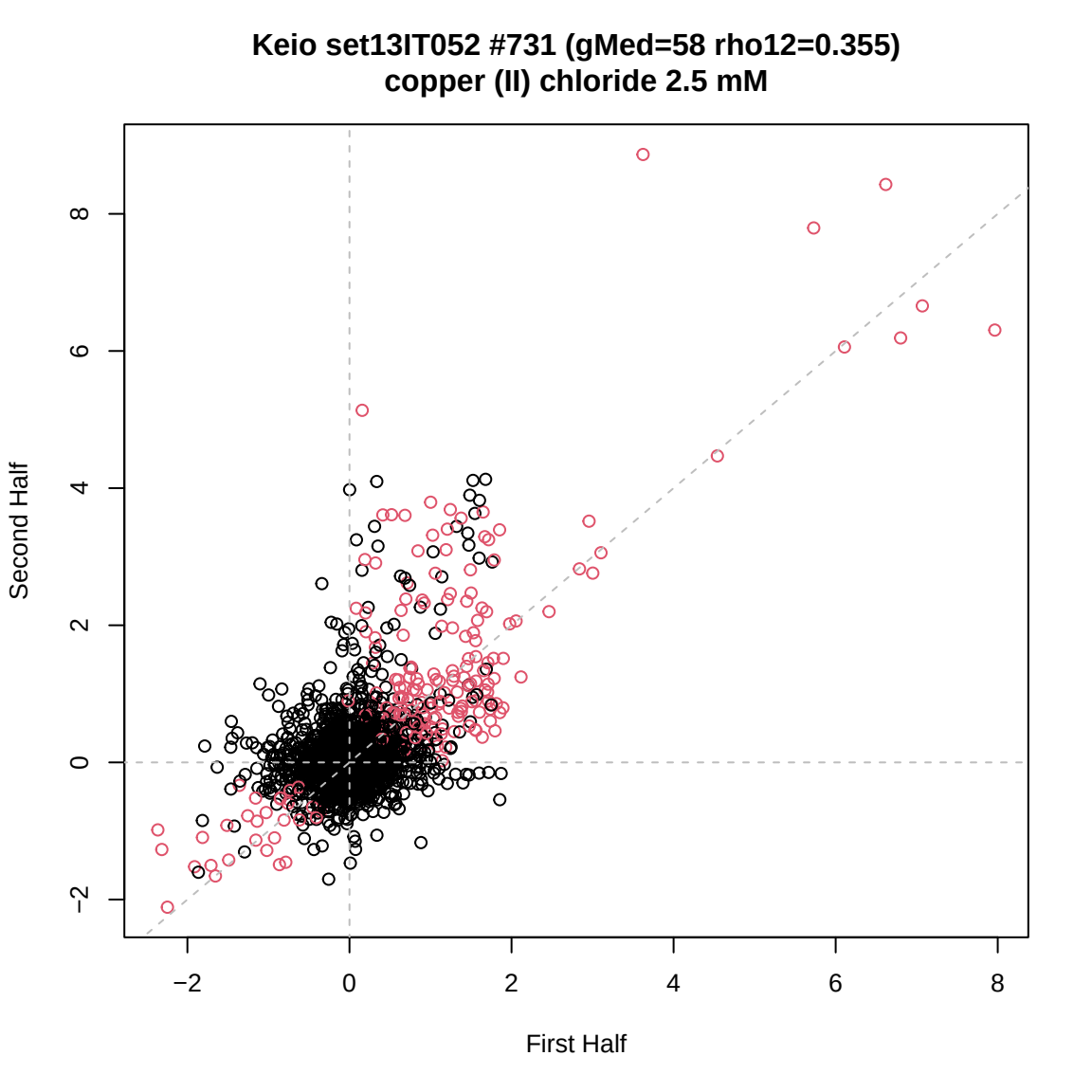

Keio set13IT047 #726 (gMed=224 rho12=0.155)
LB
Second Half
First Half
1
0
−1
−2
−3
−1
0
1
2

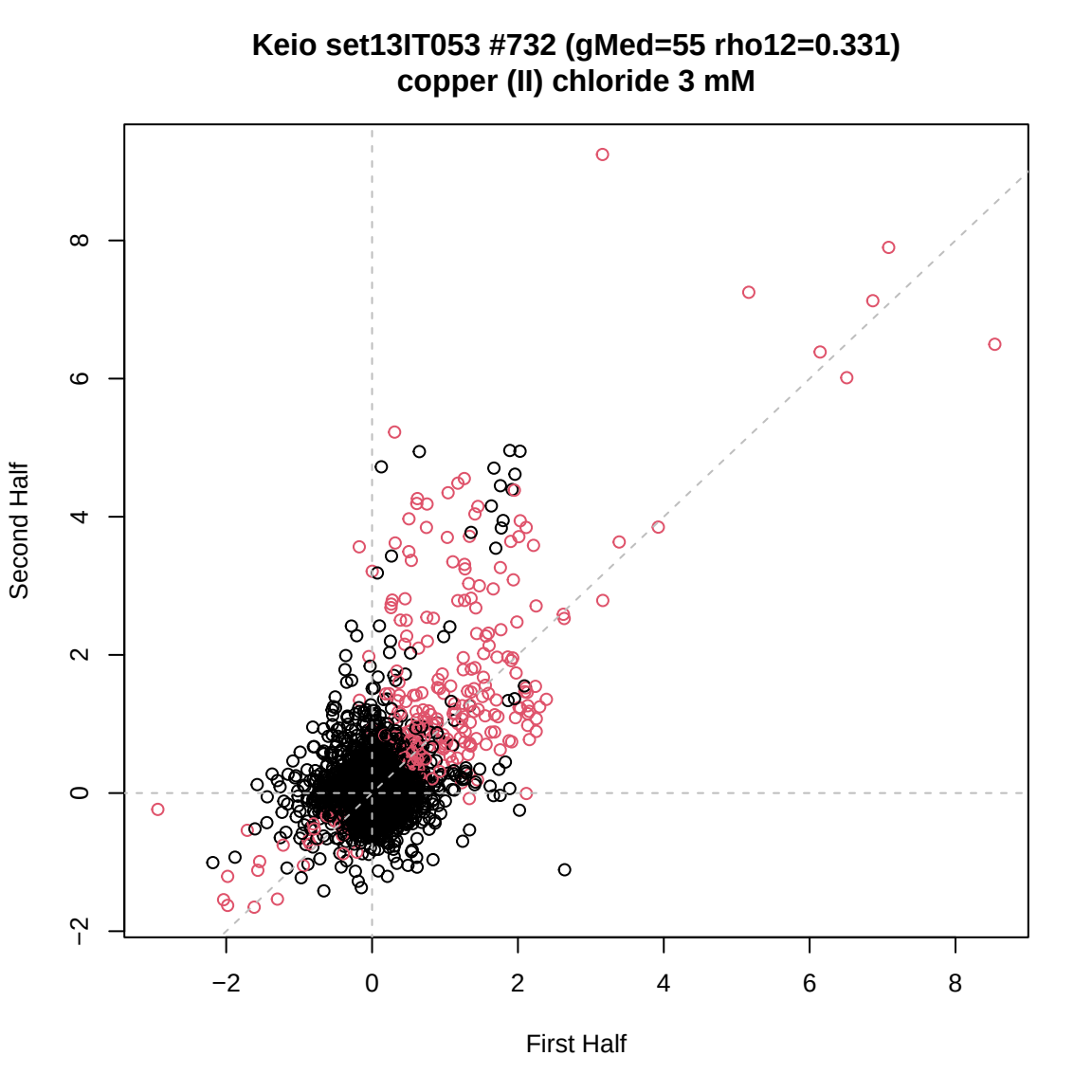

Keio set13IT048 #727 (gMed=242 rho12=0.257)
Nickel (II) chloride 1 mM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

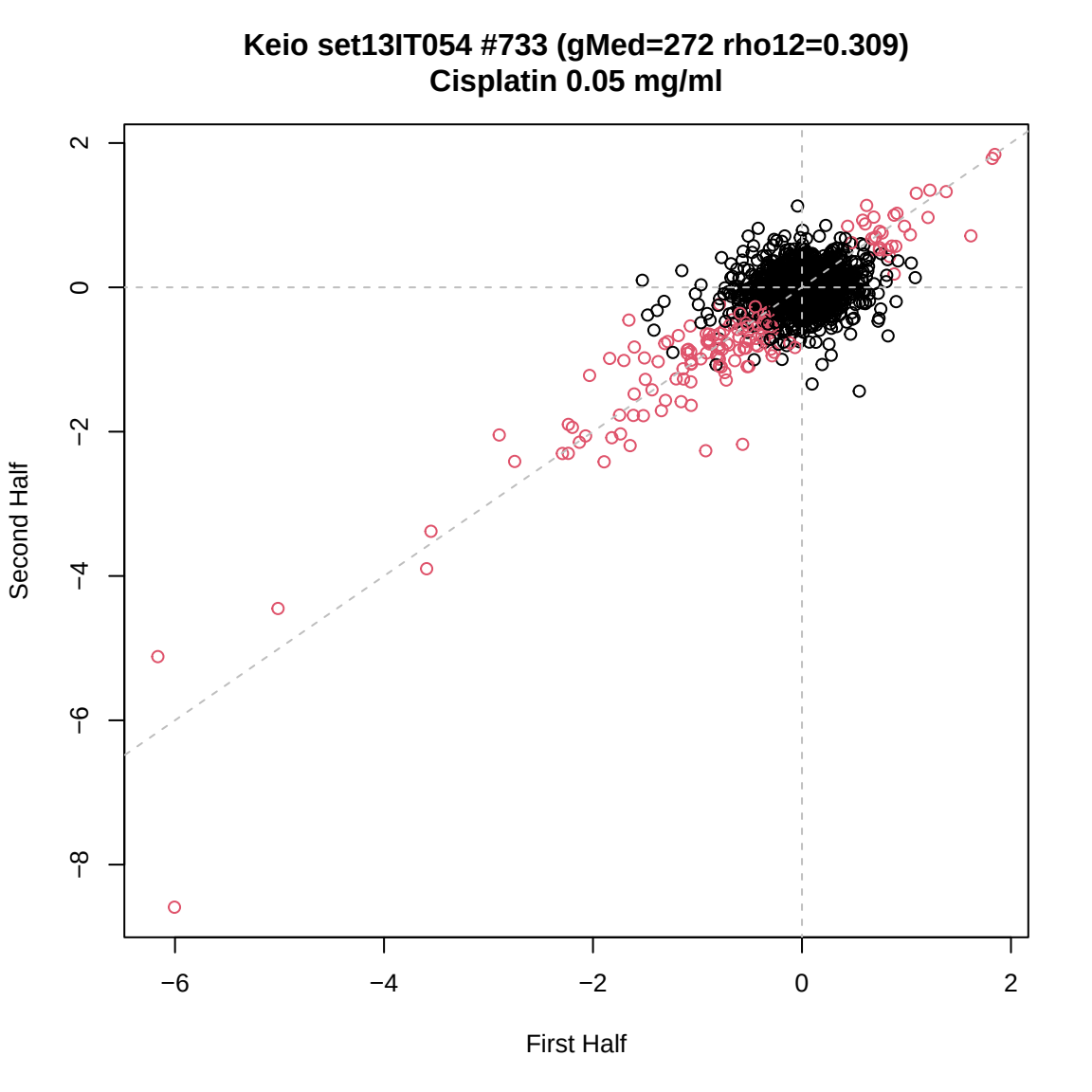

Keio set13IT049 #728 (gMed=234 rho12=0.319)
Nickel (II) chloride 1.5 mM
Second Half
First Half
4
2
0
−2
−2
0
2
4

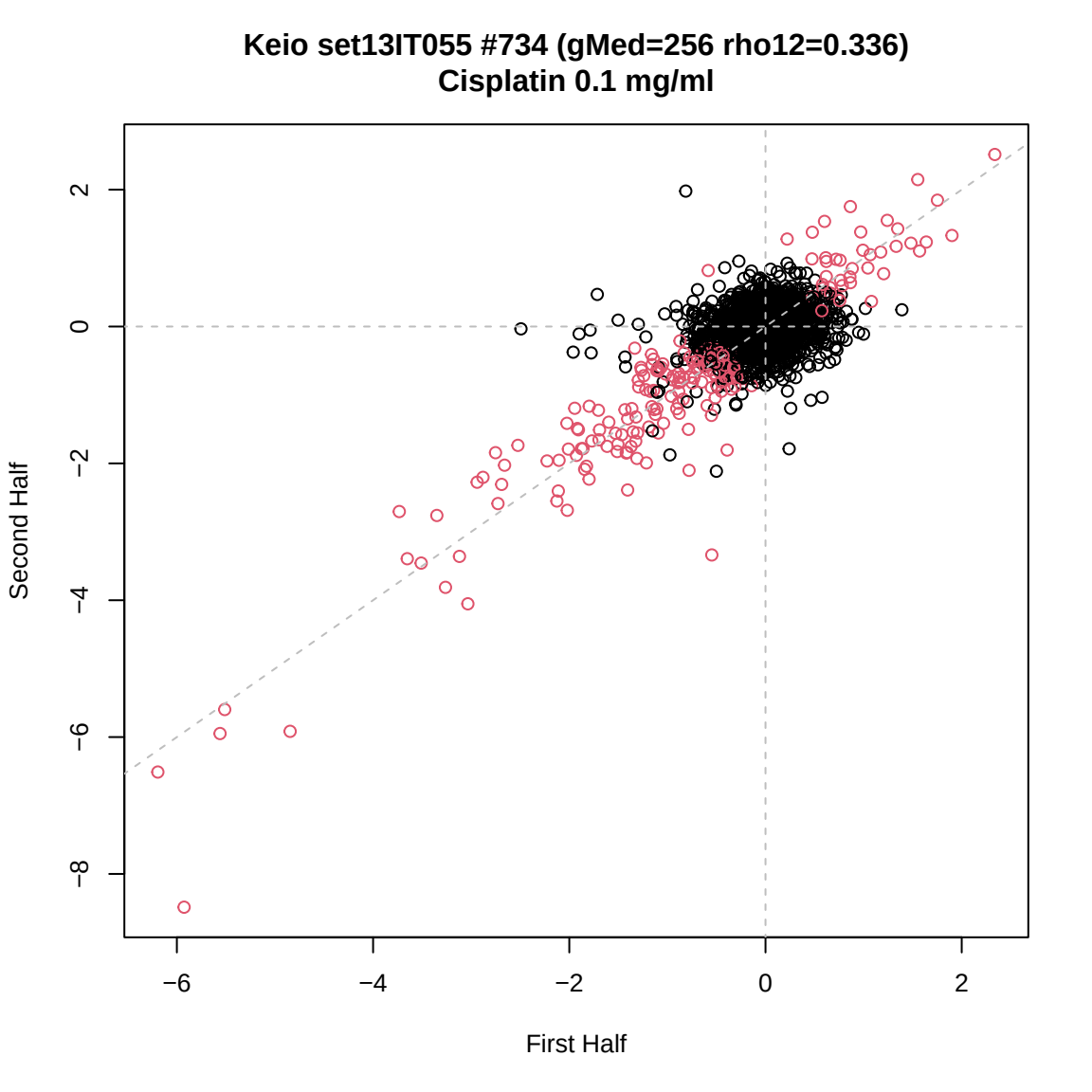

Keio set13IT050 #729 (gMed=25 rho12=0.043)
Nickel (II) chloride 2 mM
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4

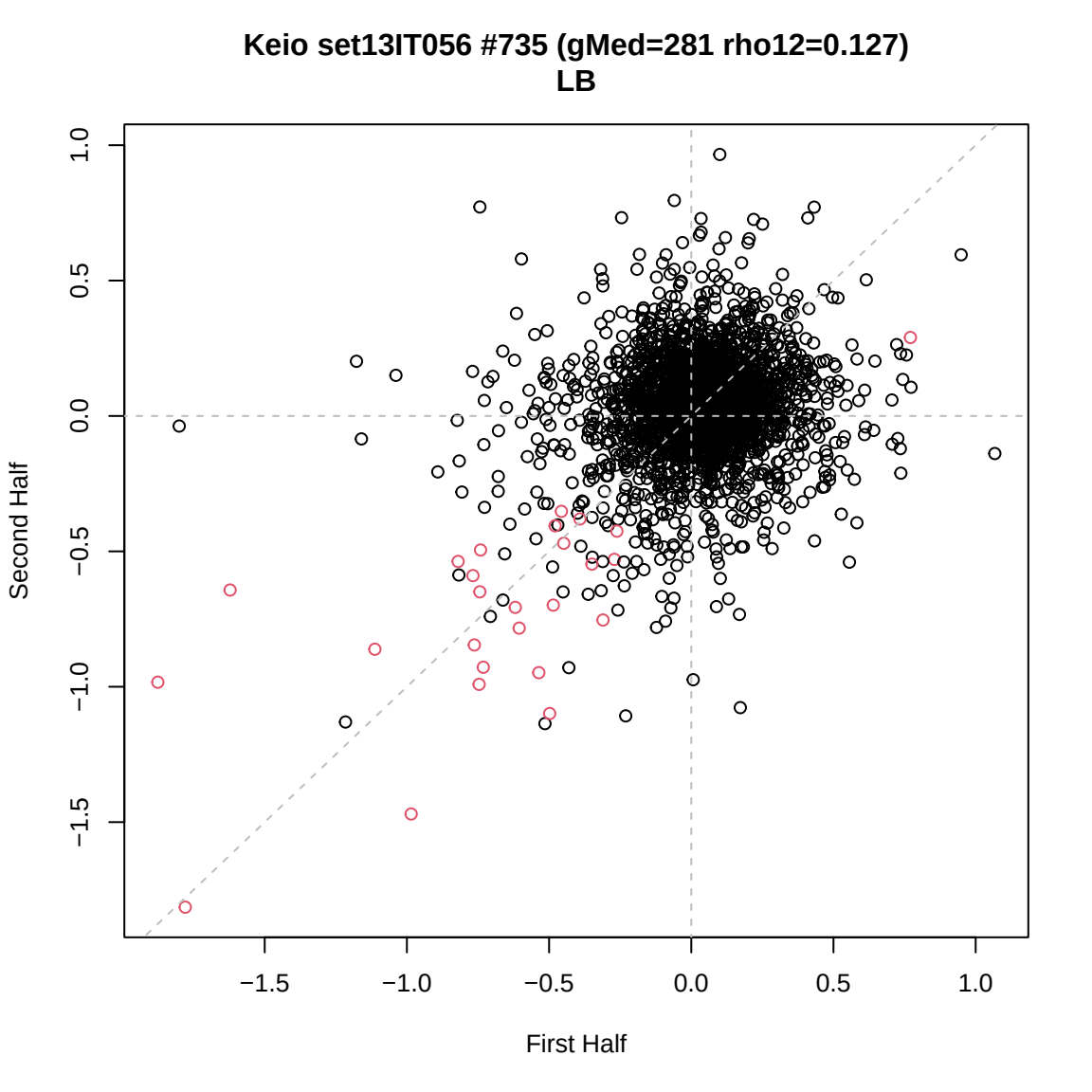

Keio set13IT051 #730 (gMed=259 rho12=0.129)
copper (II) chloride 2 mM
Second Half
First Half
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

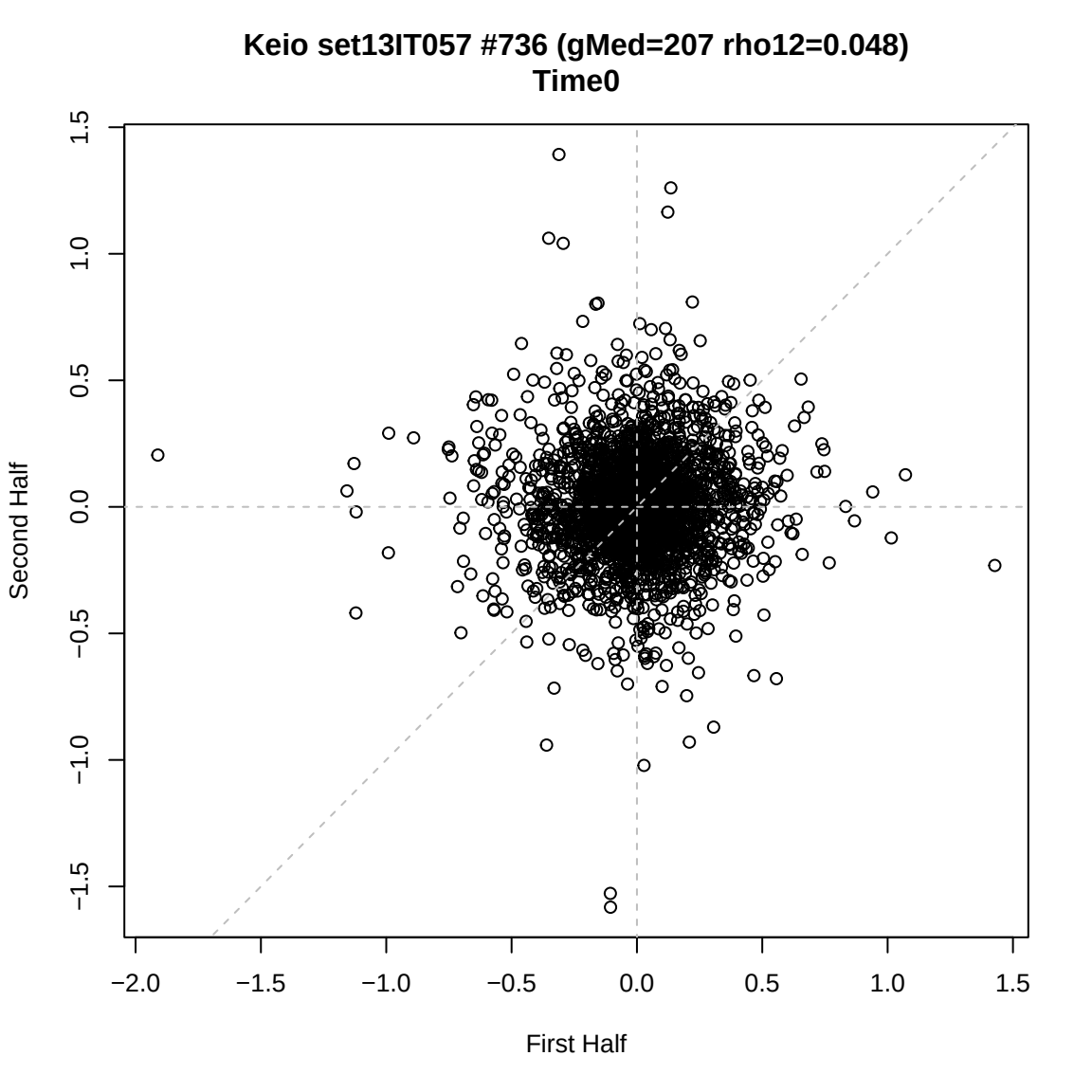

Keio set13IT052 #731 (gMed=58 rho12=0.355)
copper (II) chloride 2.5 mM
Second Half
First Half
−2
0
2
4
6
8

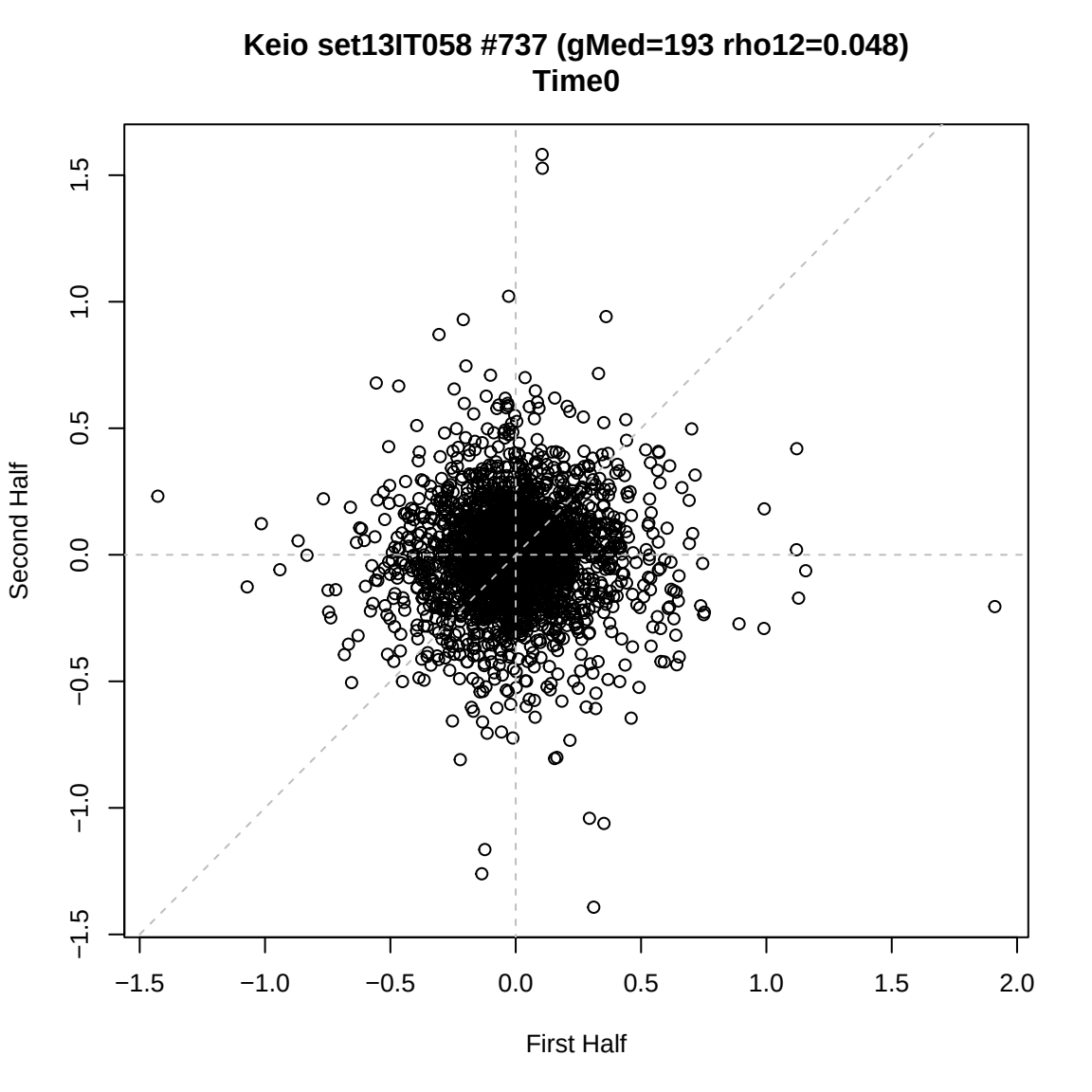

Keio set13IT053 #732 (gMed=55 rho12=0.331)
copper (II) chloride 3 mM
Second Half
First Half
−2
0
2
4
6
8

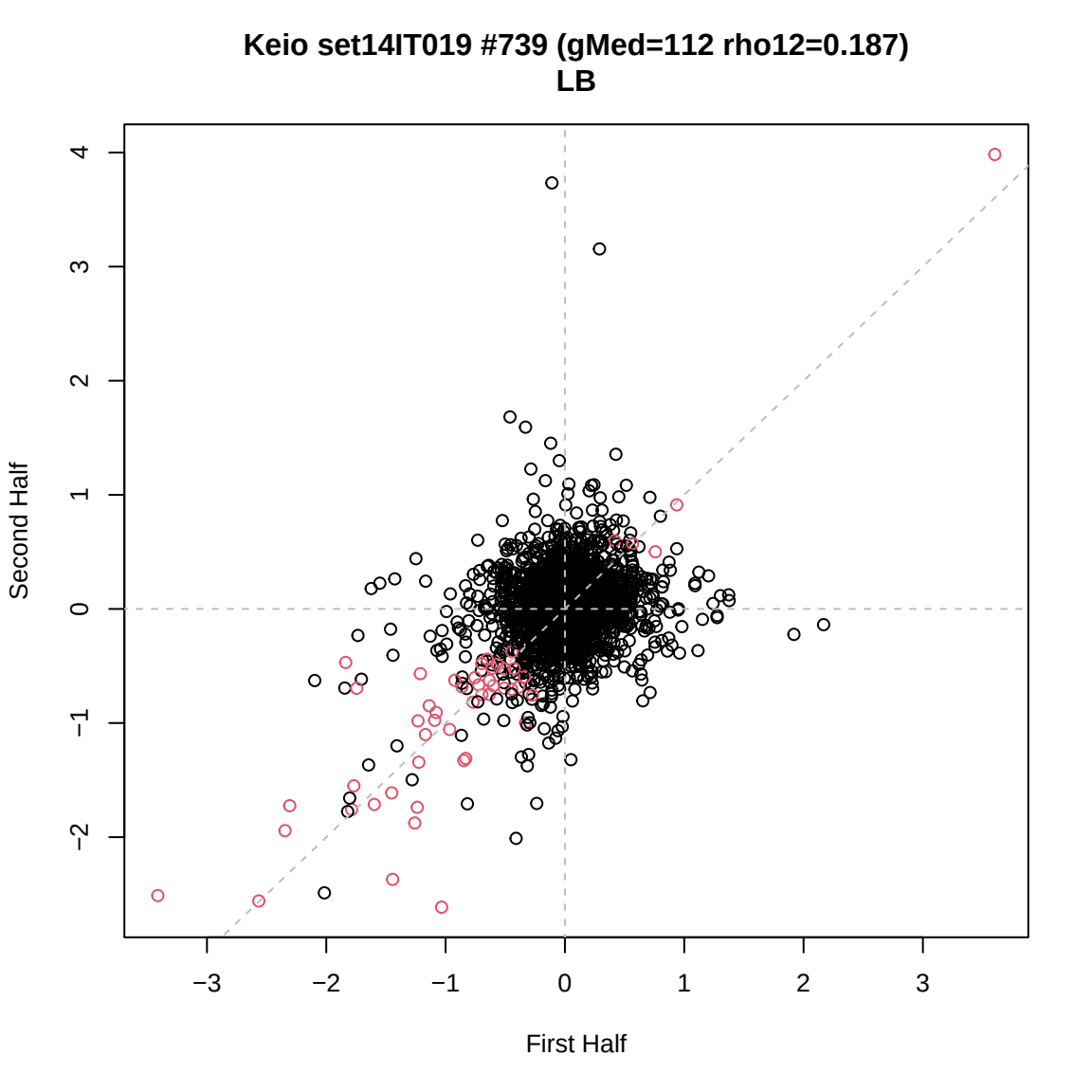

Keio set13IT054 #733 (gMed=272 rho12=0.309)
Cisplatin 0.05 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

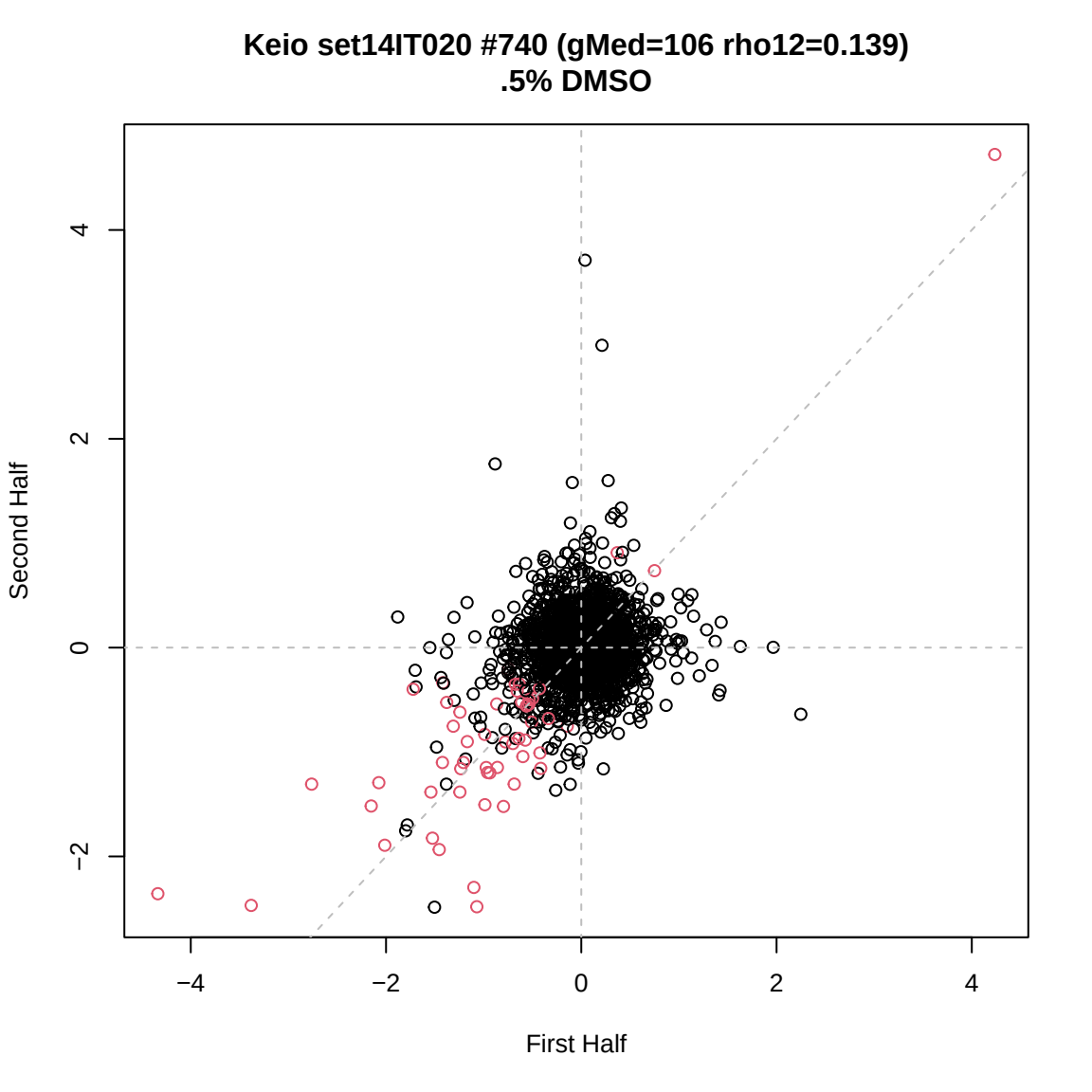

Keio set13IT055 #734 (gMed=256 rho12=0.336)
Cisplatin 0.1 mg/ml
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

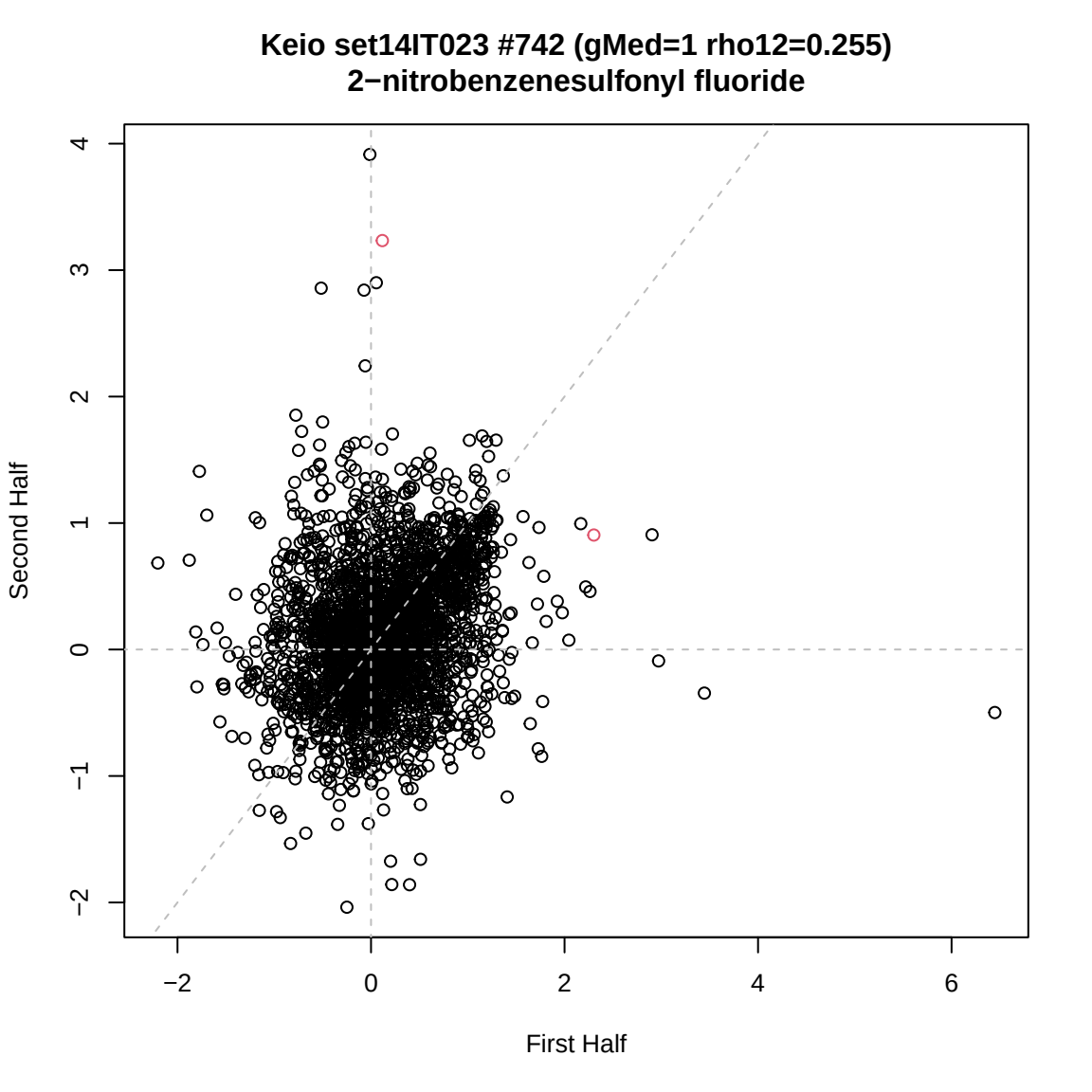

Keio set13IT056 #735 (gMed=281 rho12=0.127)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

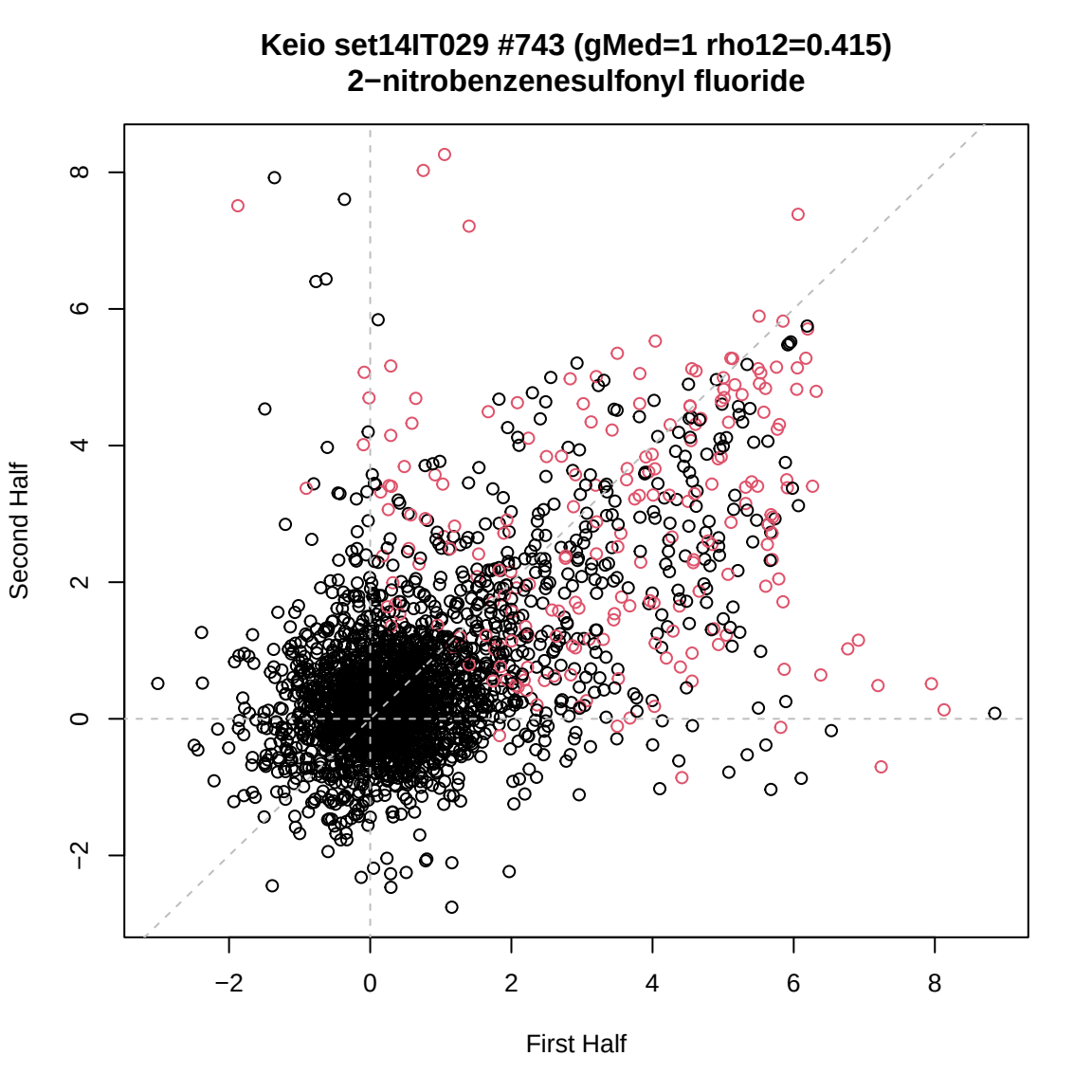

Keio set13IT057 #736 (gMed=207 rho12=0.048)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

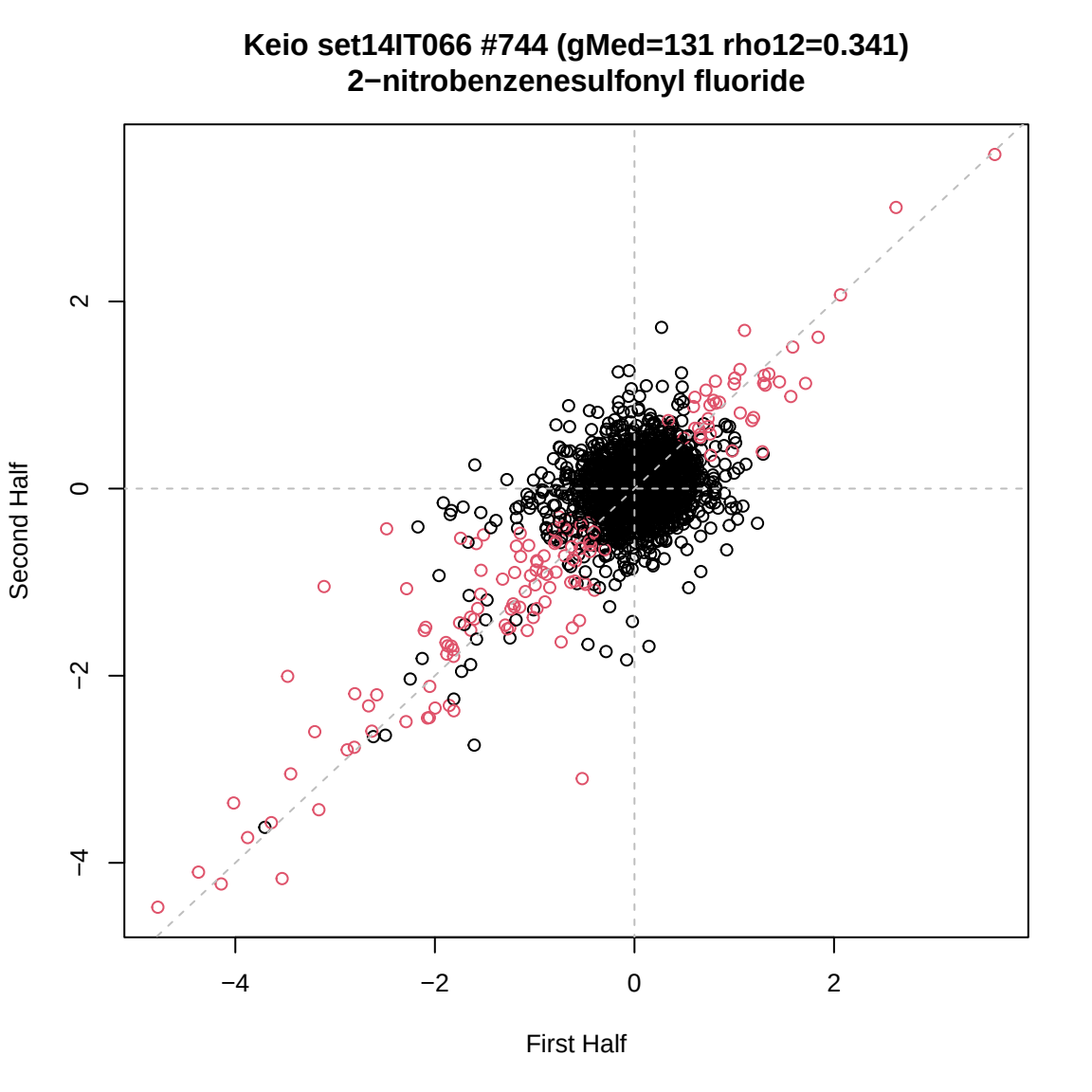

Keio set13IT058 #737 (gMed=193 rho12=0.048)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

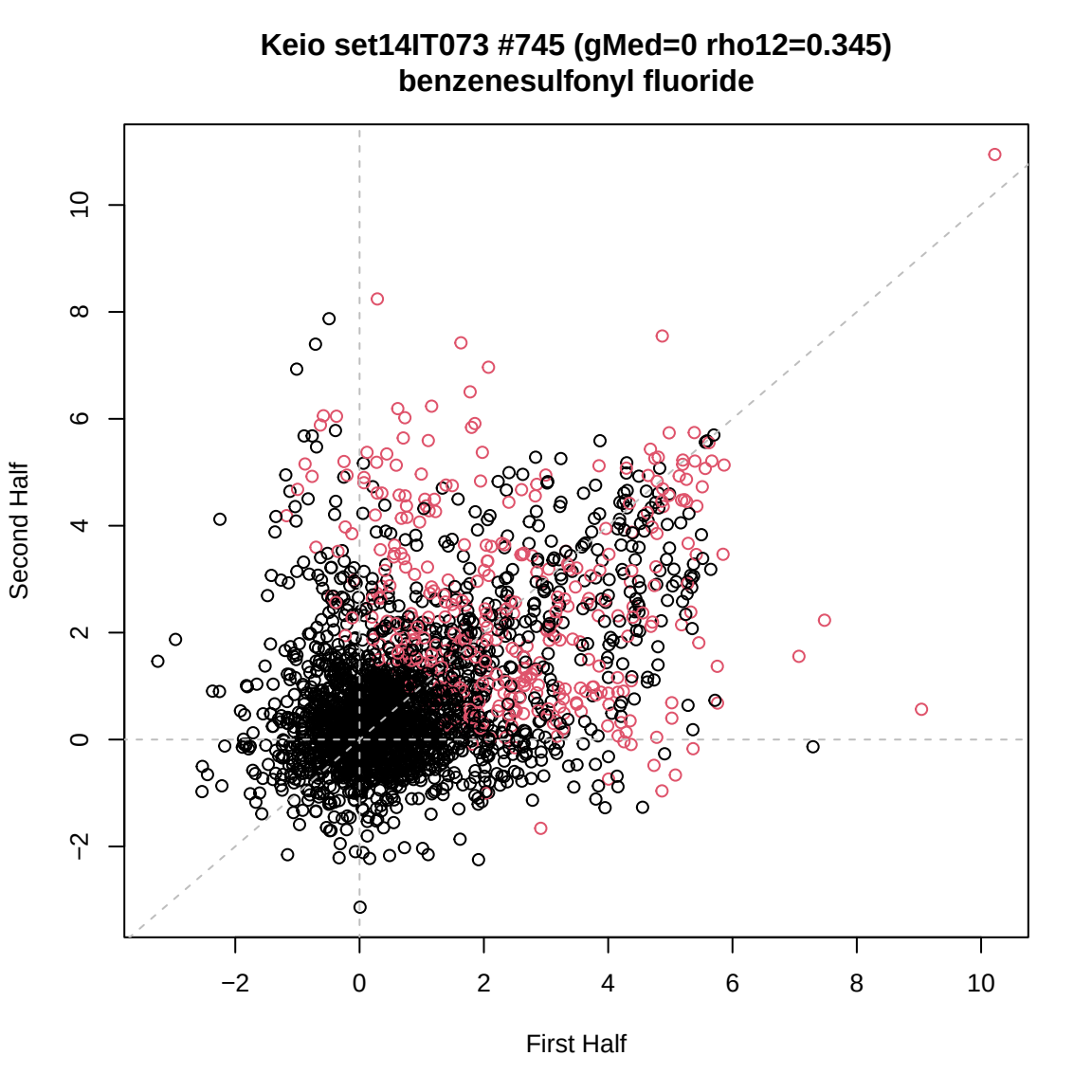

Keio set14IT019 #739 (gMed=112 rho12=0.187)
LB
Second Half
First Half
4
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

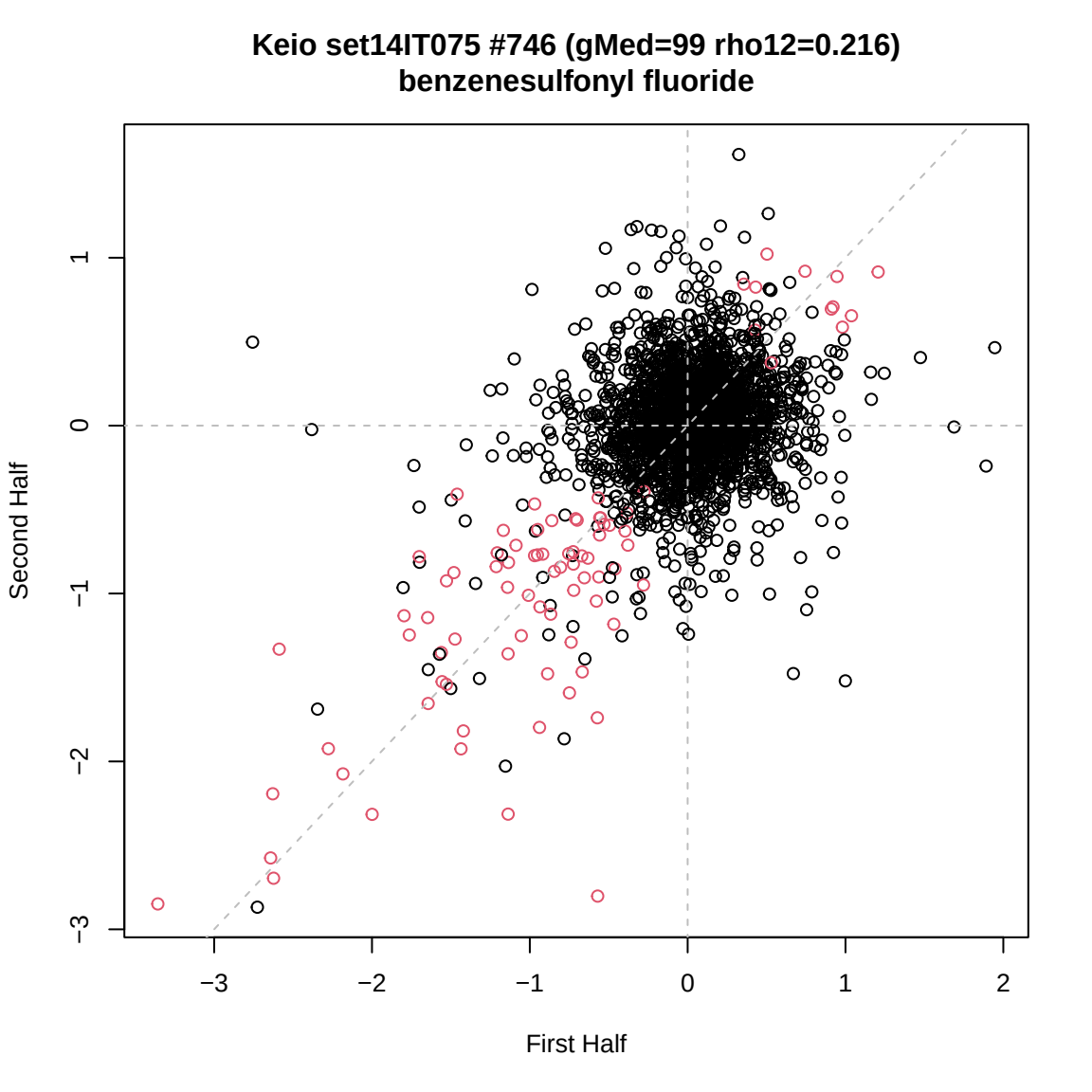

Keio set14IT020 #740 (gMed=106 rho12=0.139)
.5% DMSO
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

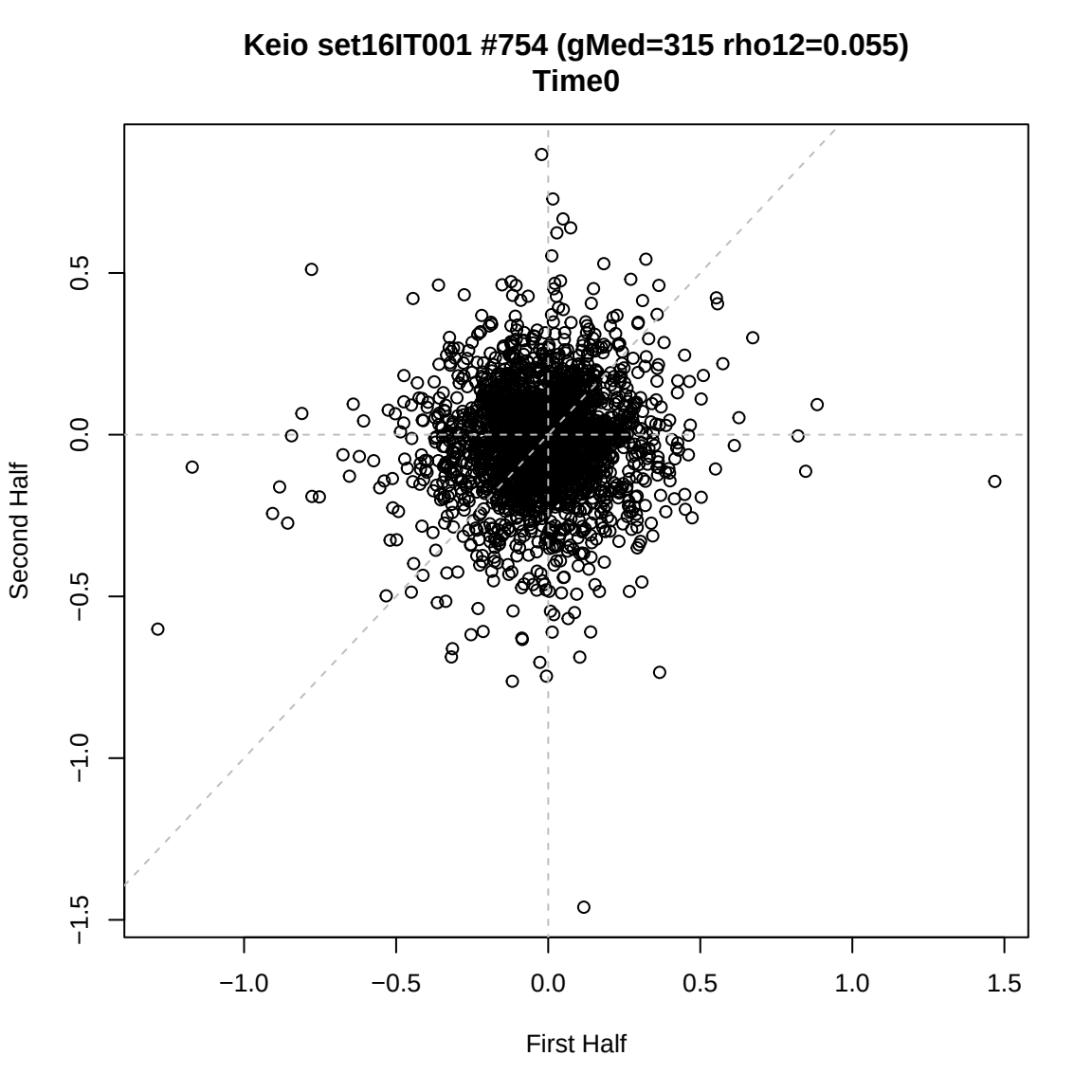

Keio set14IT023 #742 (gMed=1 rho12=0.255)
2−nitrobenzenesulfonyl fluoride
Second Half
First Half
4
3
2
1
0
−1
−2
−2
0
2
4
6

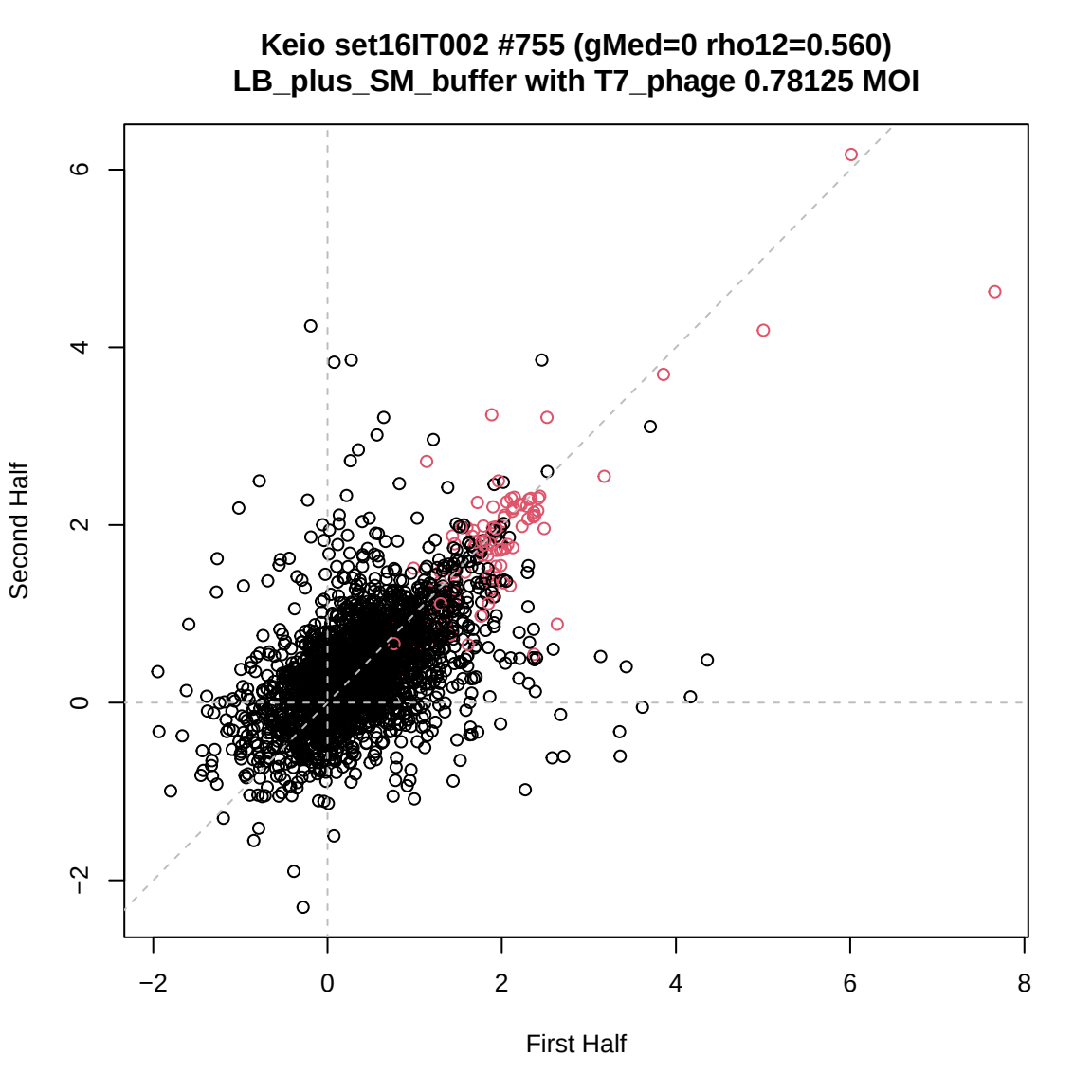

Keio set14IT029 #743 (gMed=1 rho12=0.415)
2−nitrobenzenesulfonyl fluoride
Second Half
First Half
−2
0
2
4
6
8

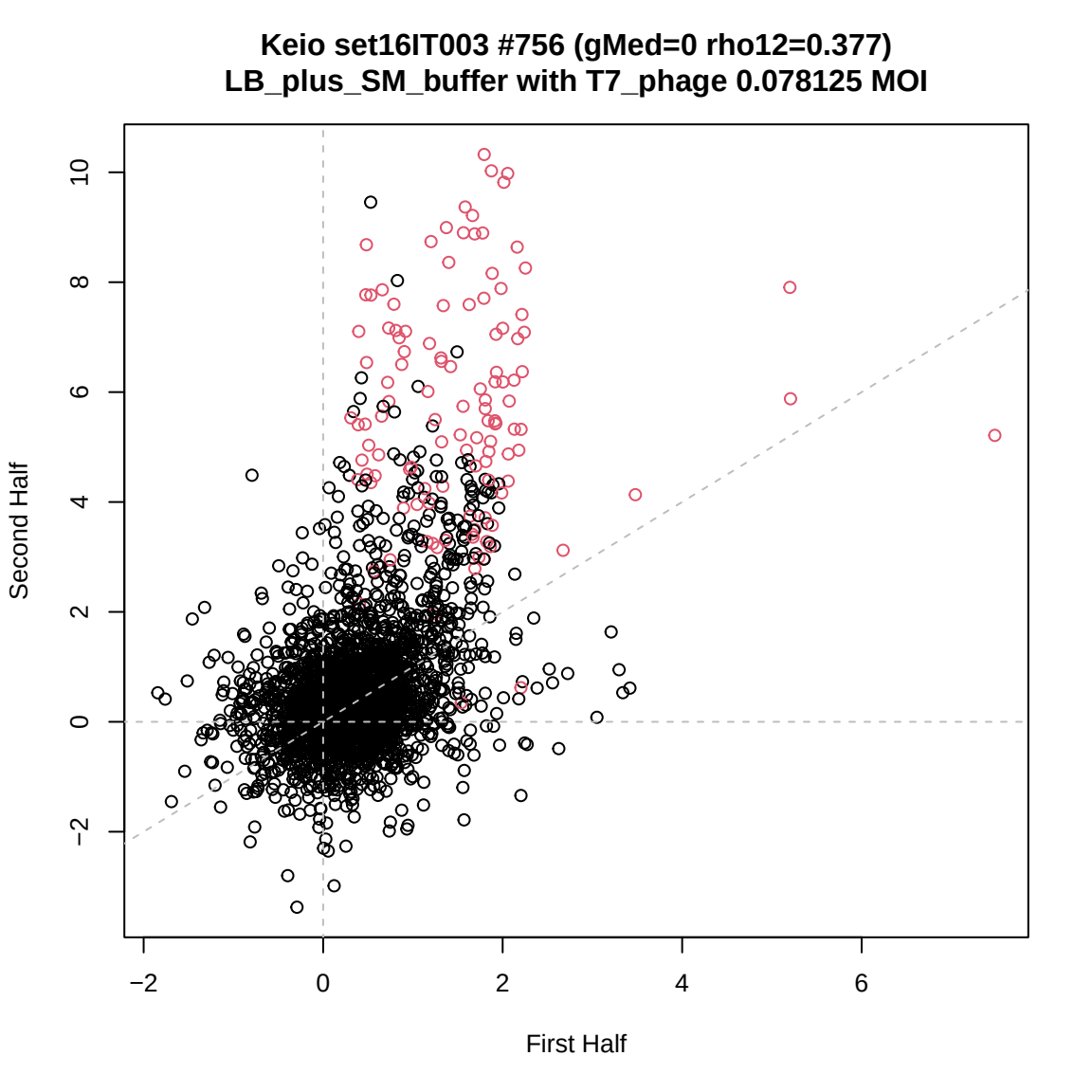

Keio set14IT066 #744 (gMed=131 rho12=0.341)
2−nitrobenzenesulfonyl fluoride
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

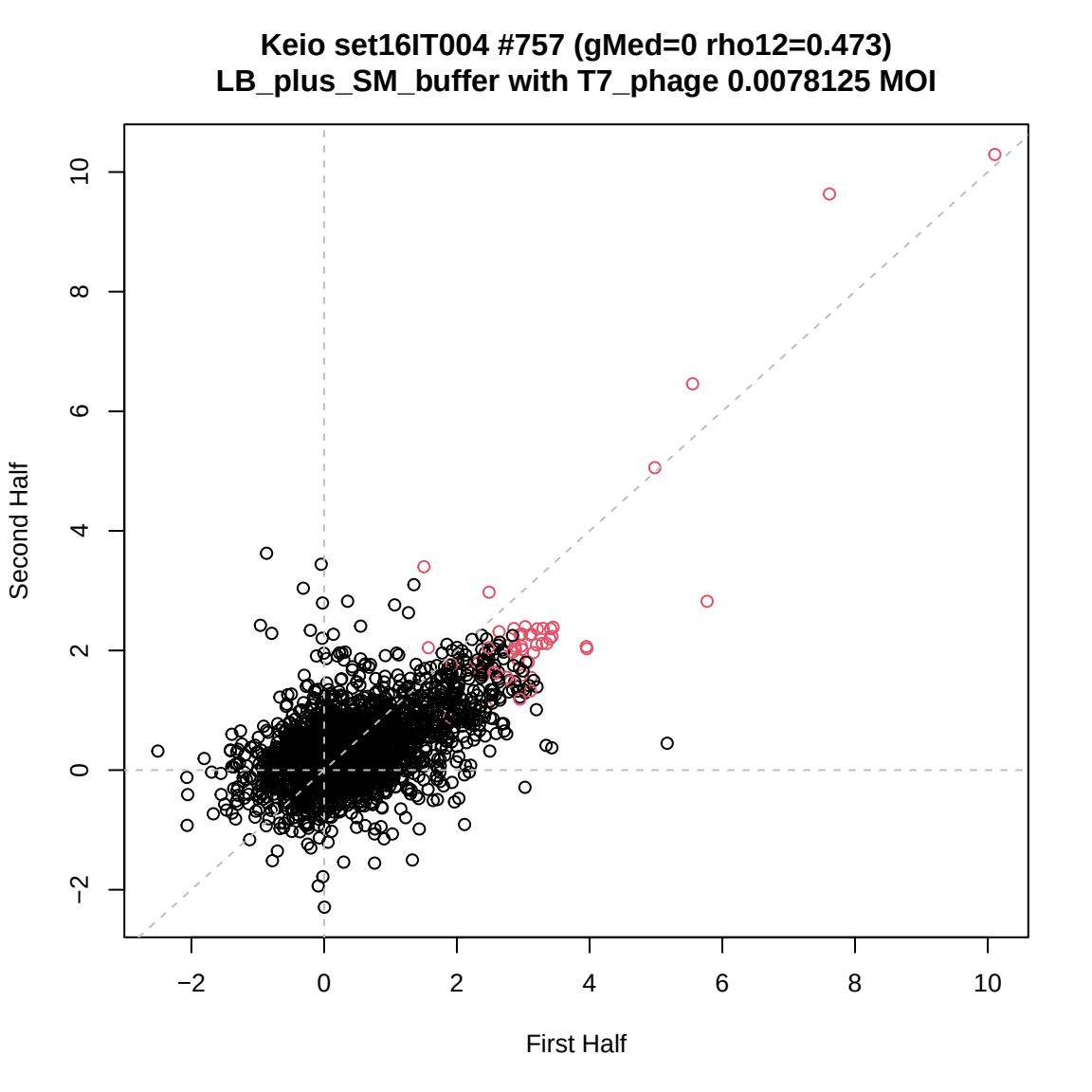

Keio set14IT073 #745 (gMed=0 rho12=0.345)
benzenesulfonyl fluoride
Second Half
First Half
−2
0
2
4
6
8
10

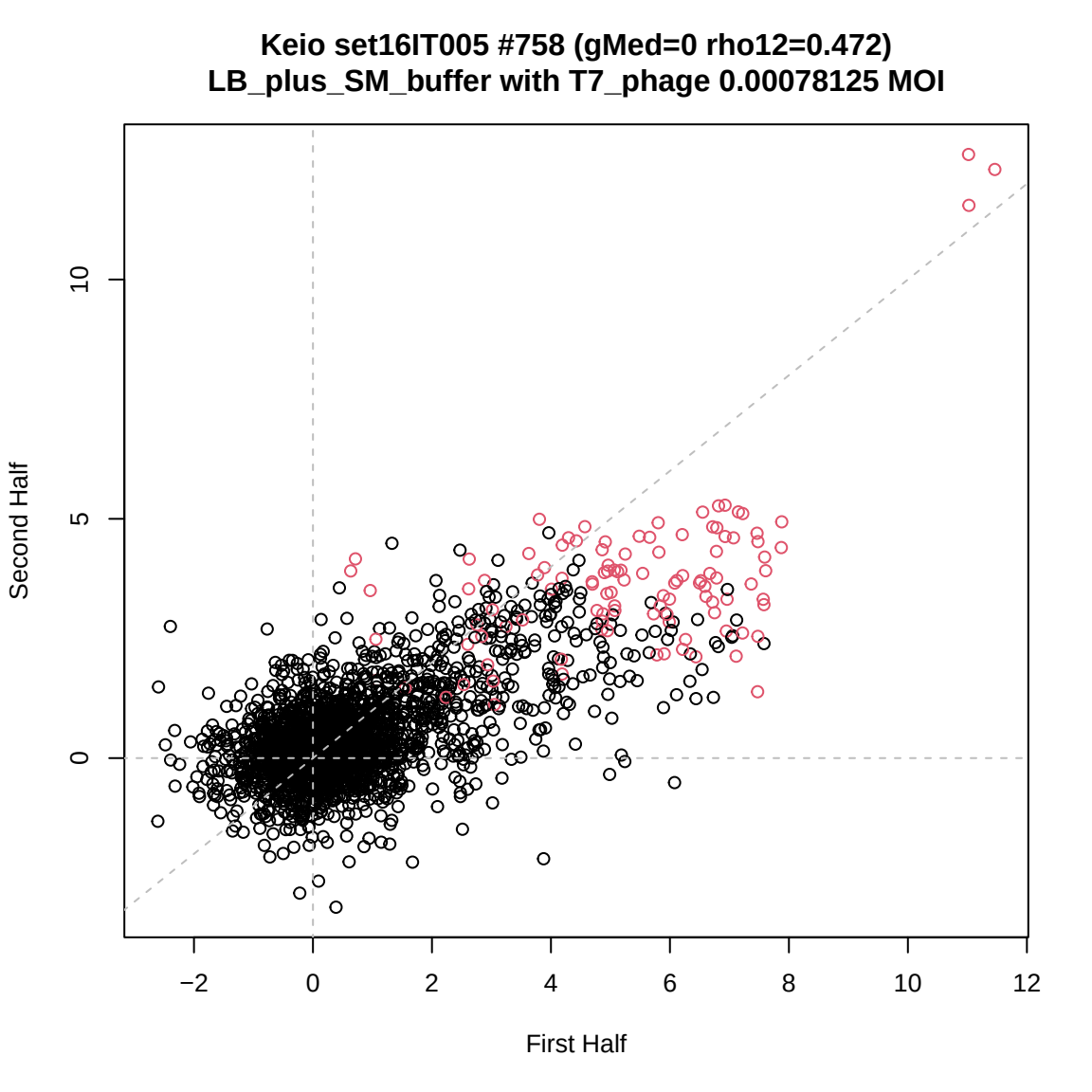

Keio set14IT075 #746 (gMed=99 rho12=0.216)
benzenesulfonyl fluoride
Second Half
First Half
−3
−2
−1
0
1
2
−3
−2
−1
0
1
2

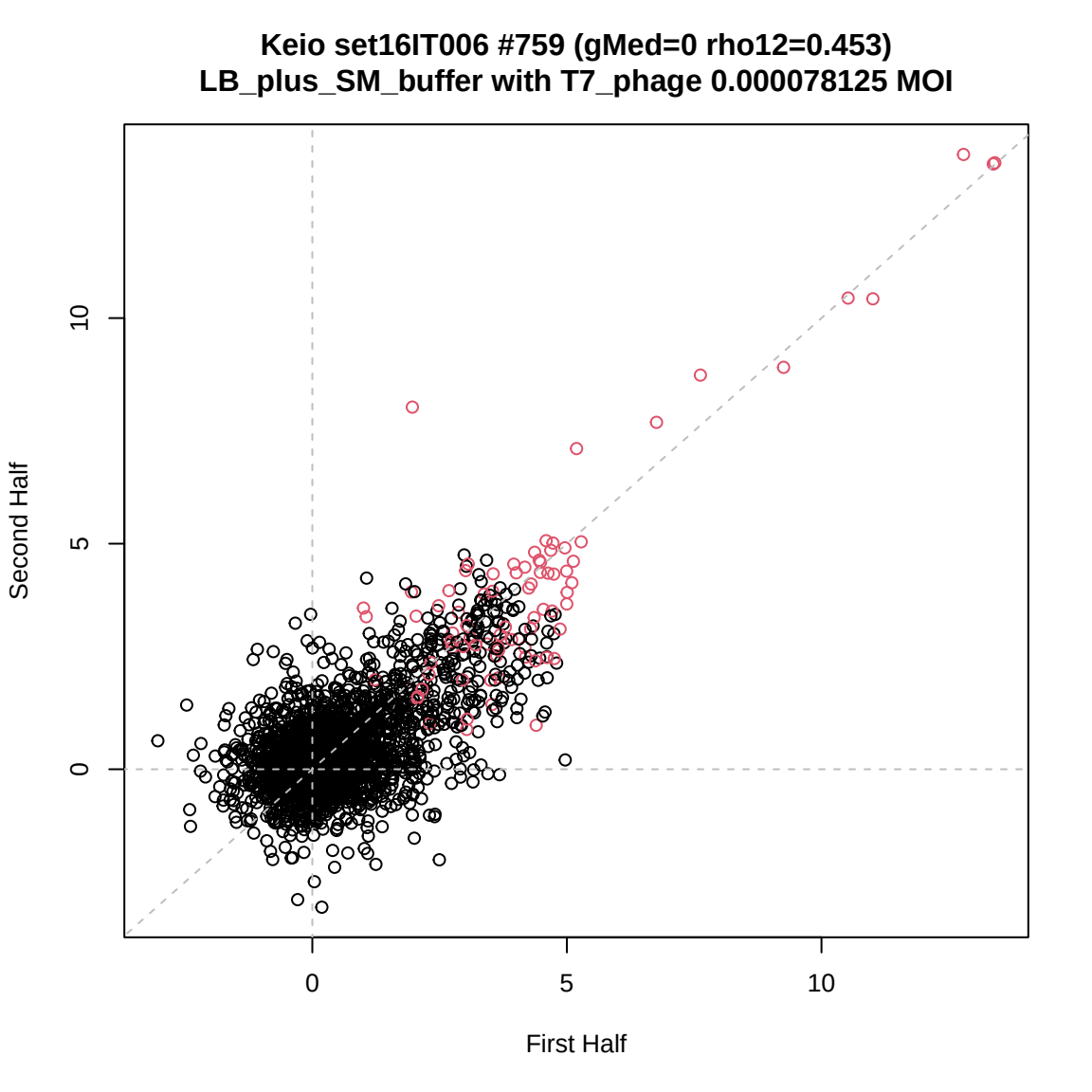

Keio set16IT001 #754 (gMed=315 rho12=0.055)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

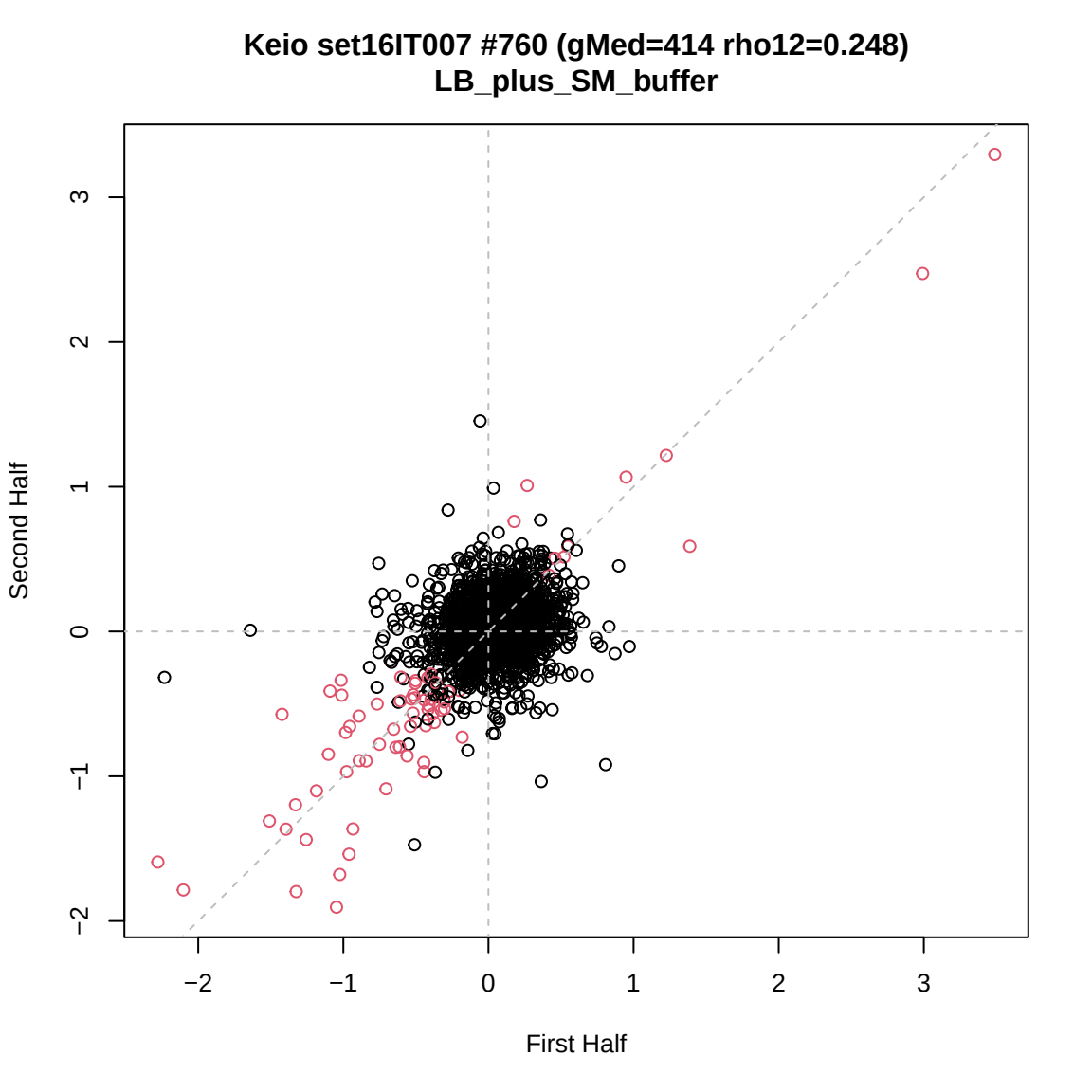

Keio set16IT002 #755 (gMed=0 rho12=0.560)
LB_plus_SM_buffer with T7_phage 0.78125 MOI
Second Half
First Half
−2
0
2
4
6
8

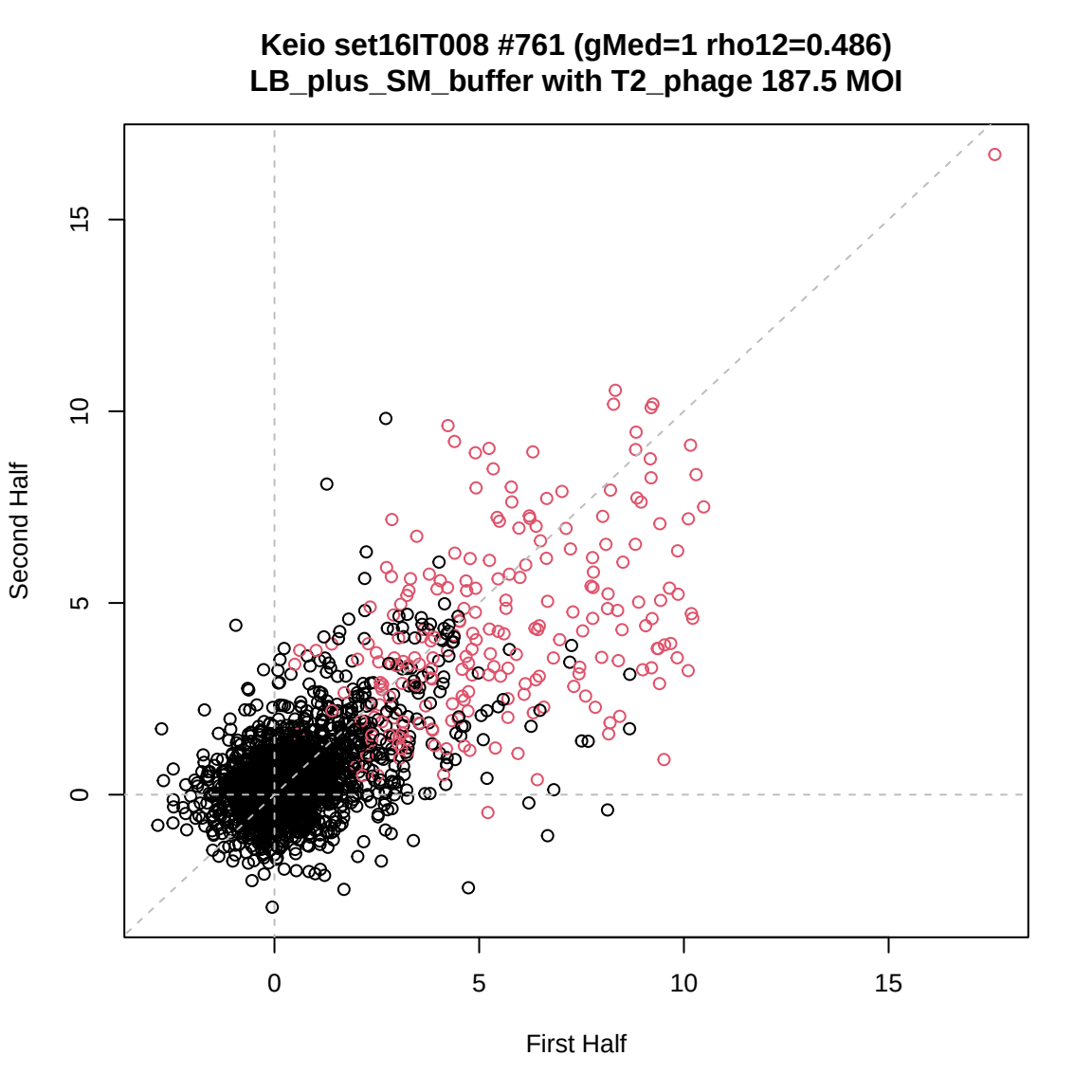

Keio set16IT003 #756 (gMed=0 rho12=0.377)
LB_plus_SM_buffer with T7_phage 0.078125 MOI
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6


Keio set16IT004 #757 (gMed=0 rho12=0.473)
LB_plus_SM_buffer with T7_phage 0.0078125 MOI
Second Half
First Half
−2
0
2
4
6
8
10

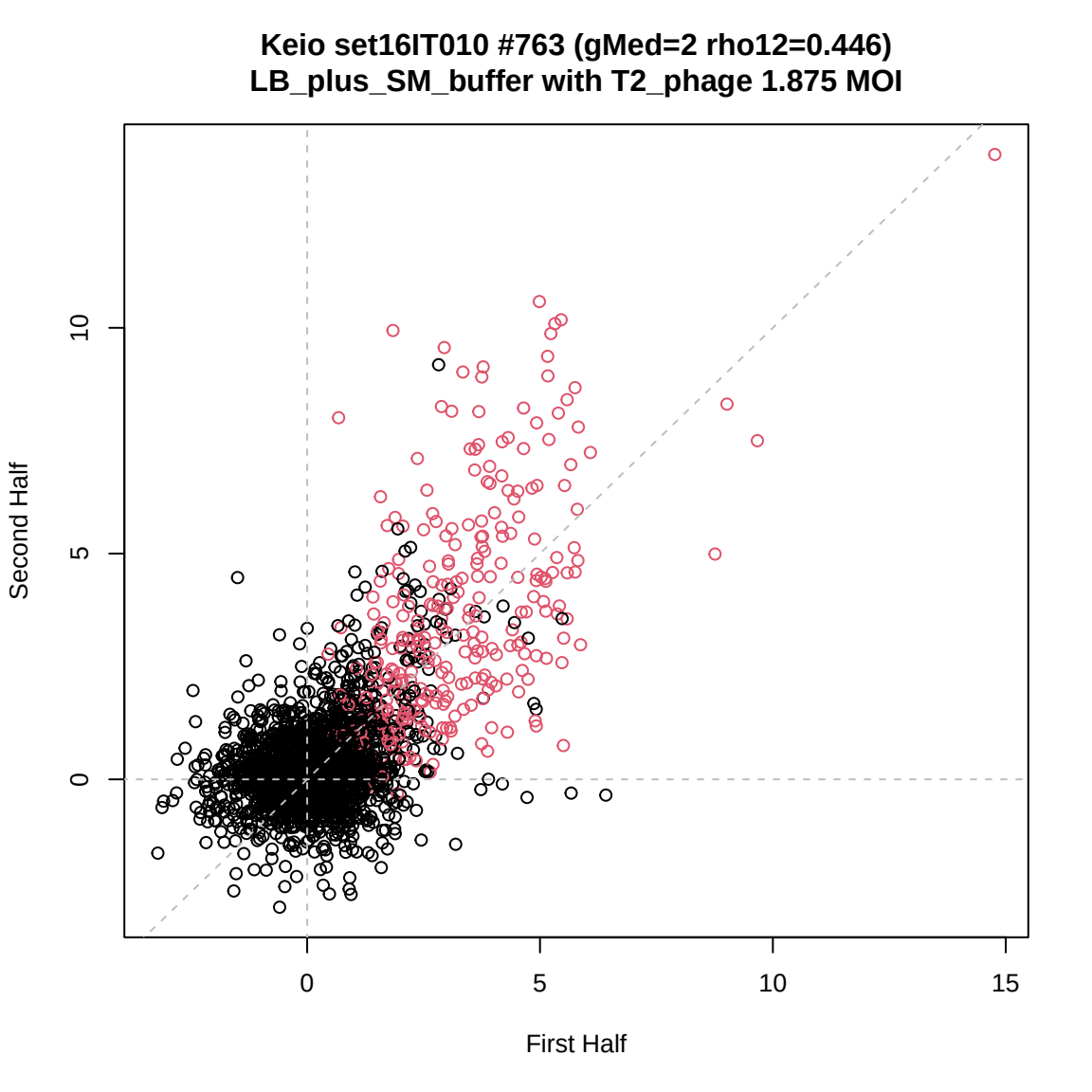

Keio set16IT005 #758 (gMed=0 rho12=0.472)
LB_plus_SM_buffer with T7_phage 0.00078125 MOI
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10
12

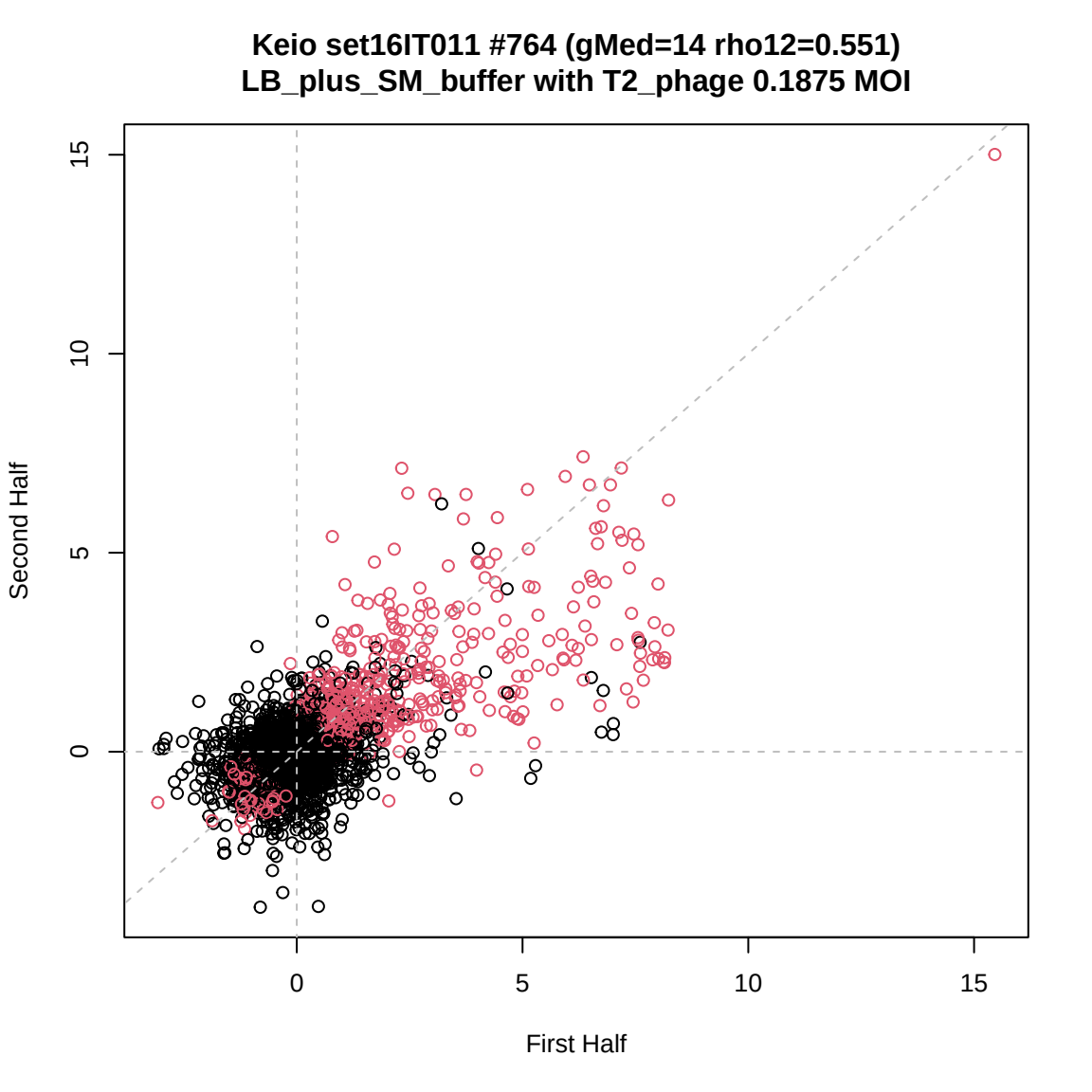

Keio set16IT006 #759 (gMed=0 rho12=0.453)
LB_plus_SM_buffer with T7_phage 0.000078125 MOI
Second Half
First Half
0
5
10
0
5
10

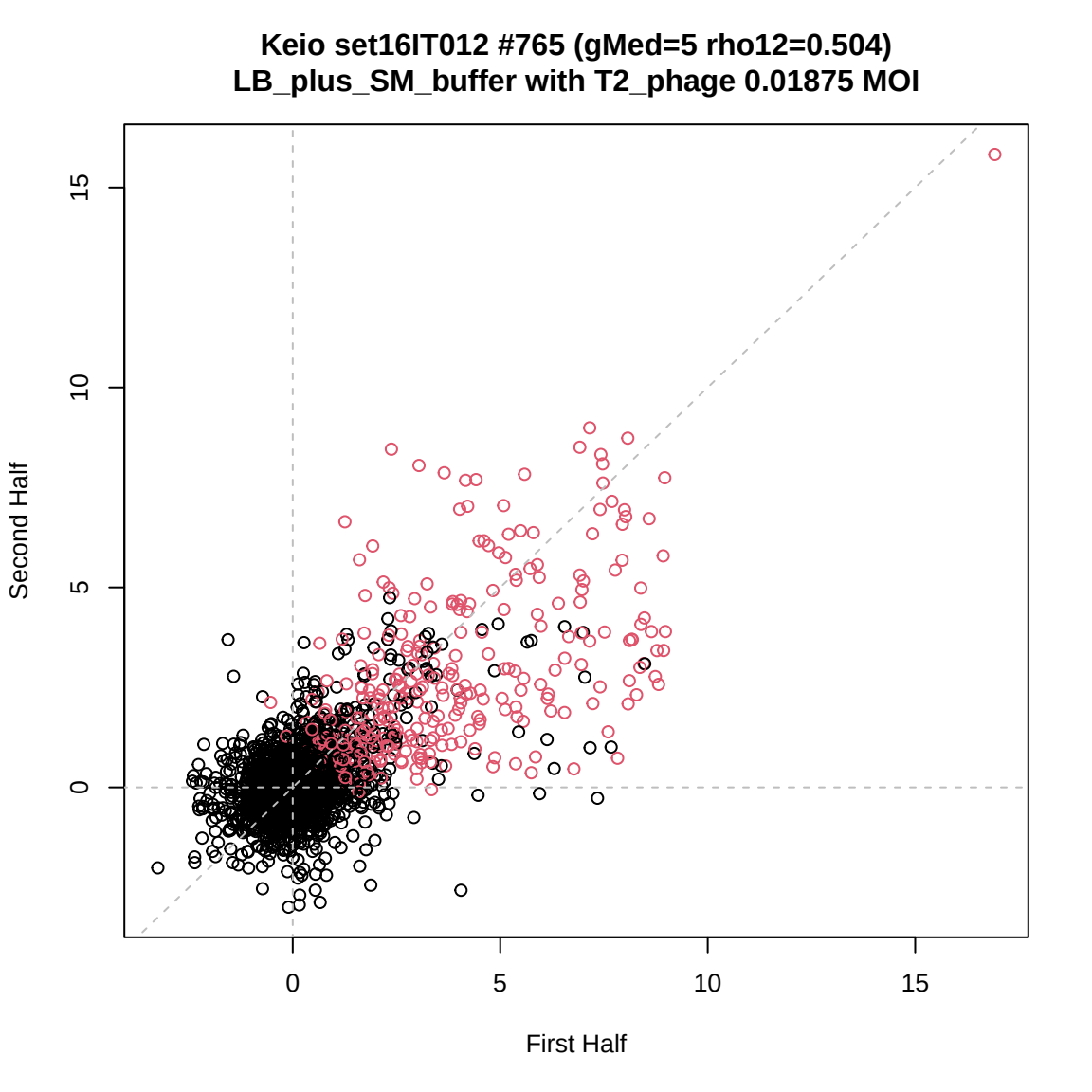

Keio set16IT007 #760 (gMed=414 rho12=0.248)
LB_plus_SM_buffer
Second Half
First Half
−2
−1
0
1
2
3

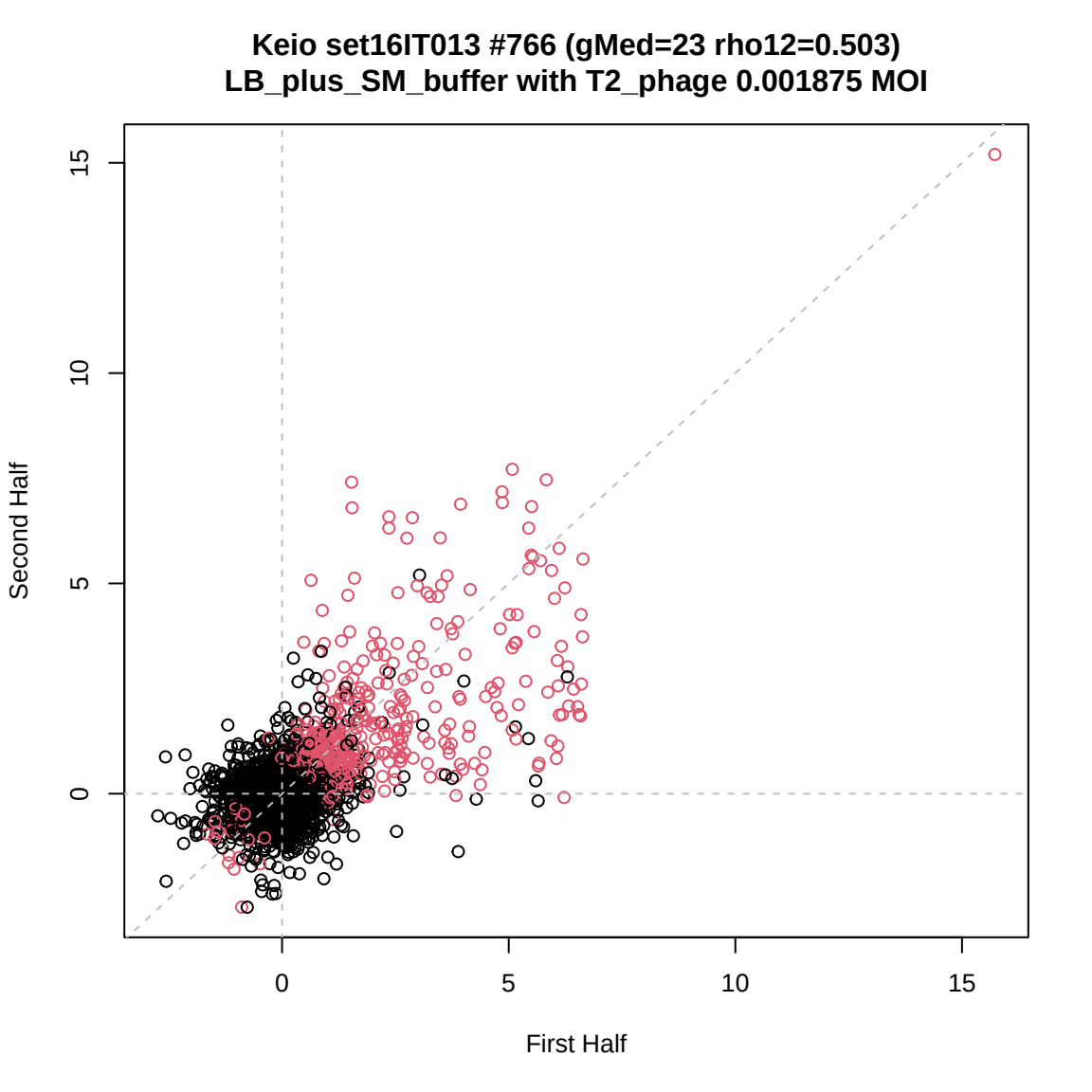

Keio set16IT008 #761 (gMed=1 rho12=0.486)
LB_plus_SM_buffer with T2_phage 187.5 MOI
Second Half
First Half
0
5
10
15

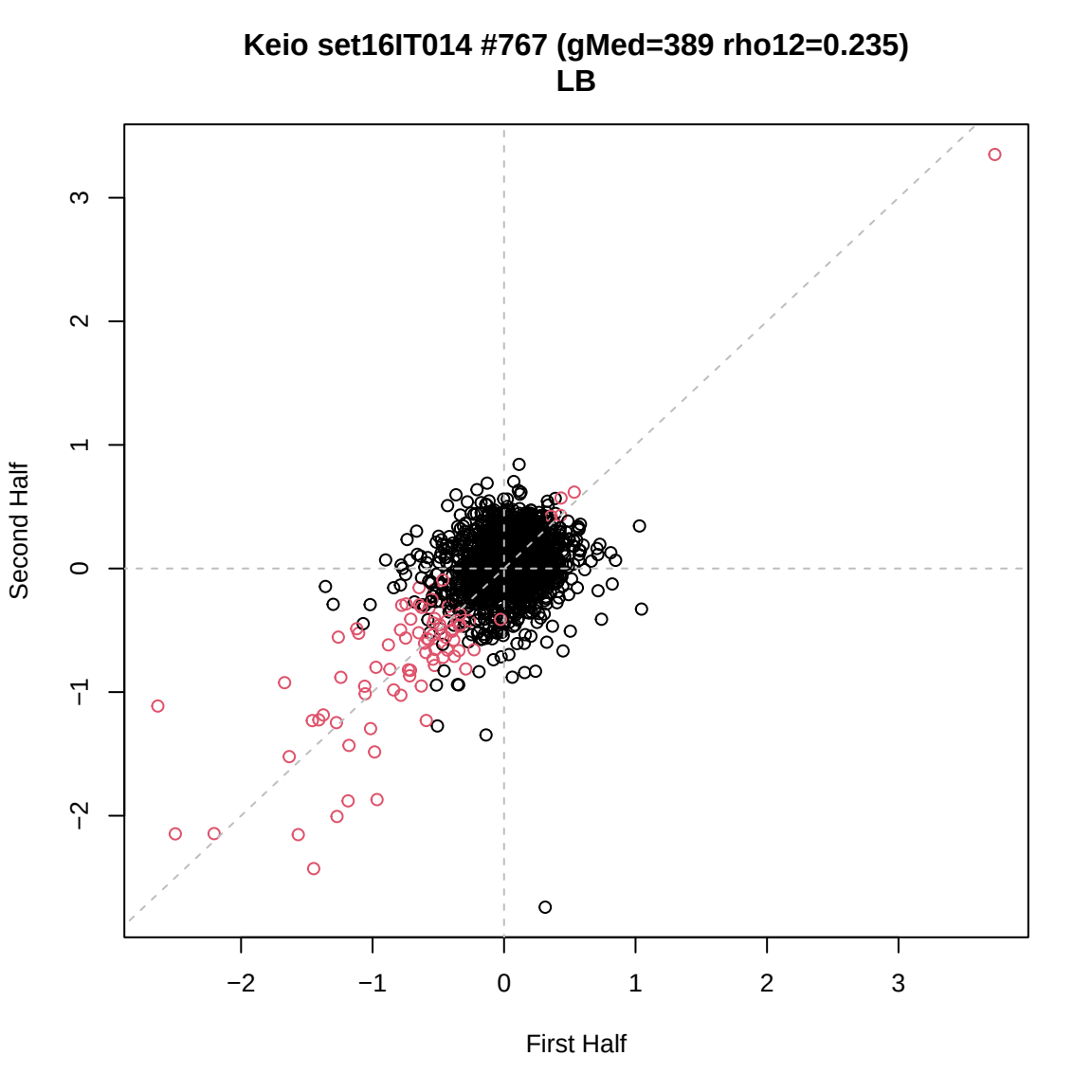

Keio set16IT009 #762 (gMed=0 rho12=0.474)
LB_plus_SM_buffer with T2_phage 18.75 MOI
Second Half
First Half
0
5
10
15

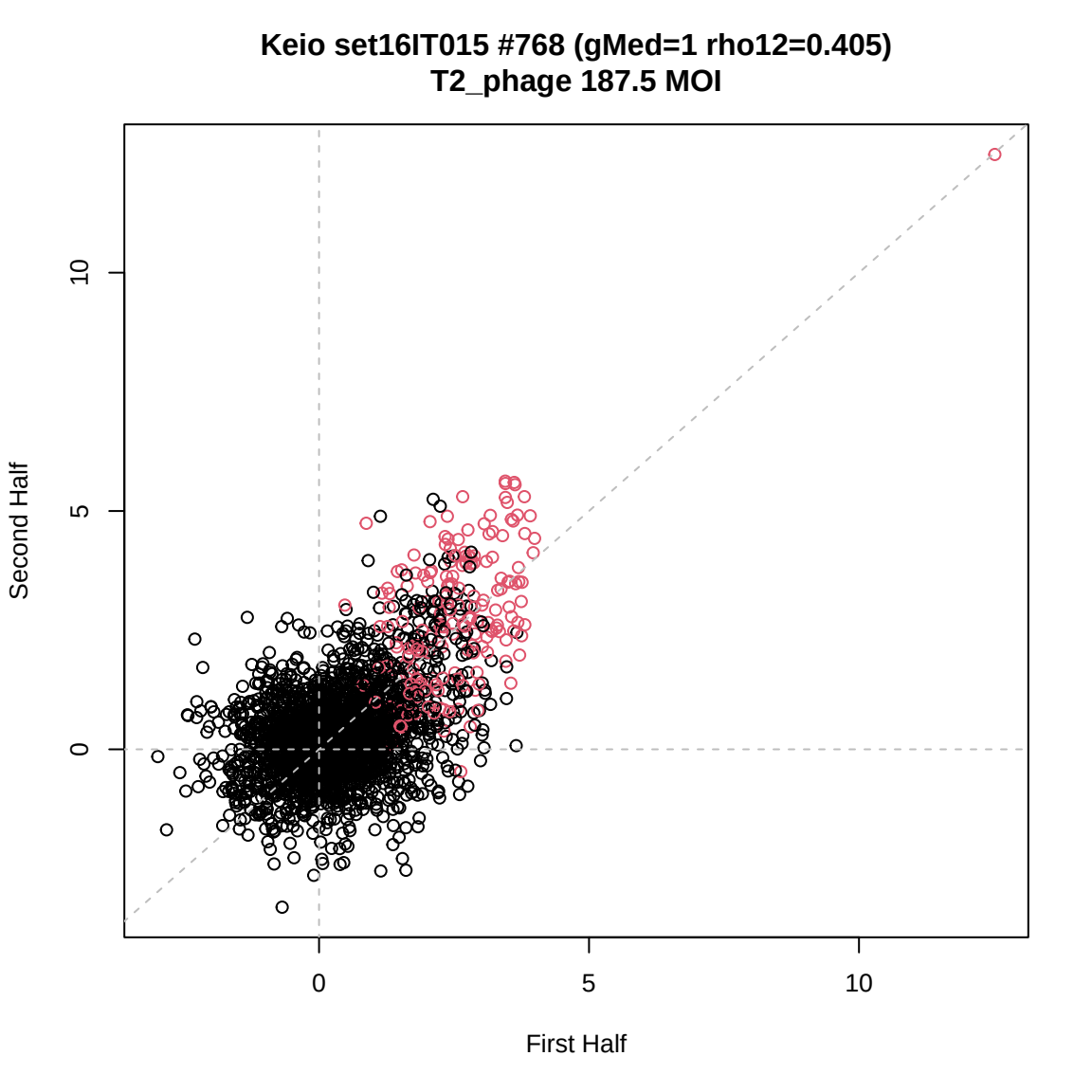

Keio set16IT010 #763 (gMed=2 rho12=0.446)
LB_plus_SM_buffer with T2_phage 1.875 MOI
Second Half
First Half
0
5
10
15
0
5
10

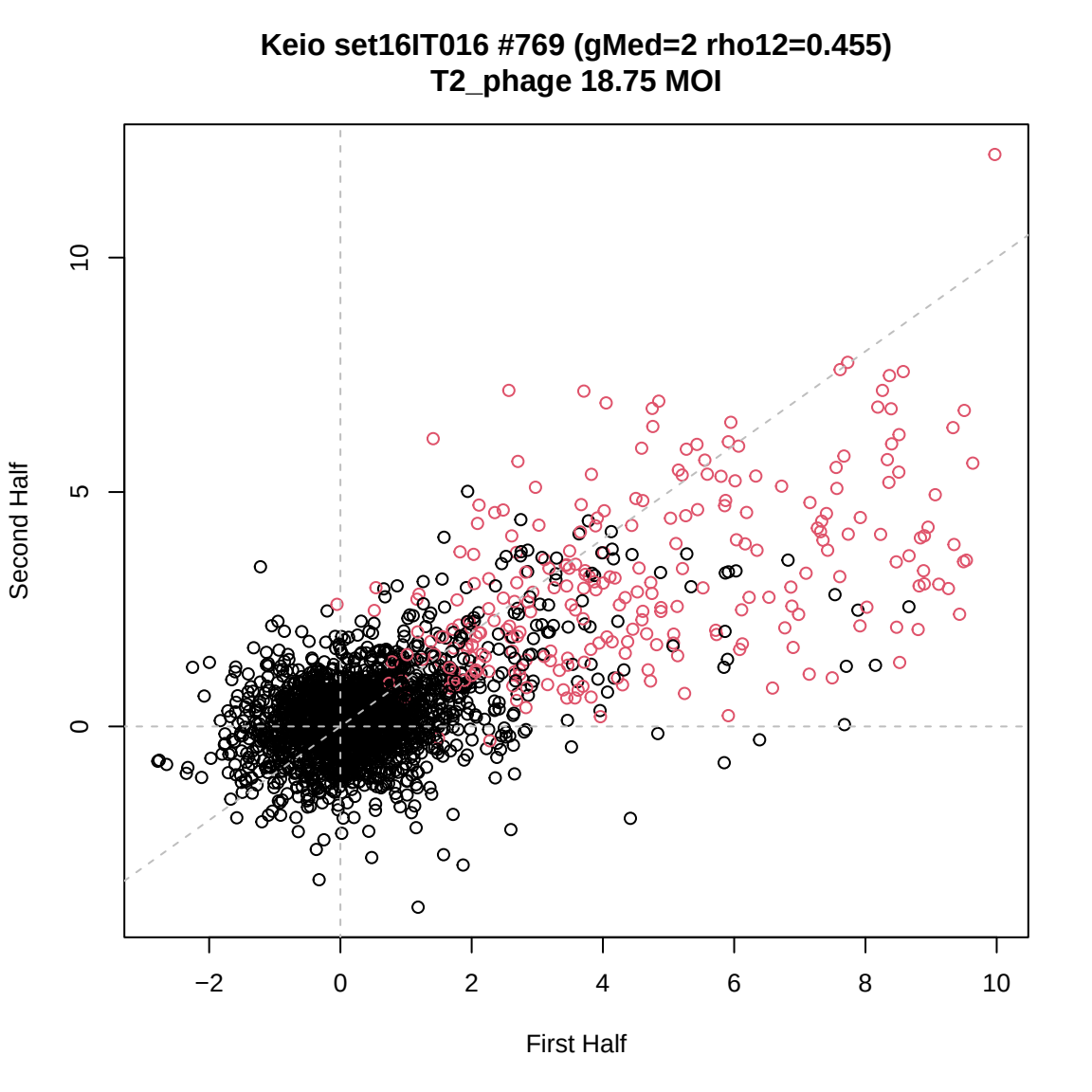

Keio set16IT011 #764 (gMed=14 rho12=0.551)
LB_plus_SM_buffer with T2_phage 0.1875 MOI
Second Half
First Half
15
10
5
0
0
5
10
15

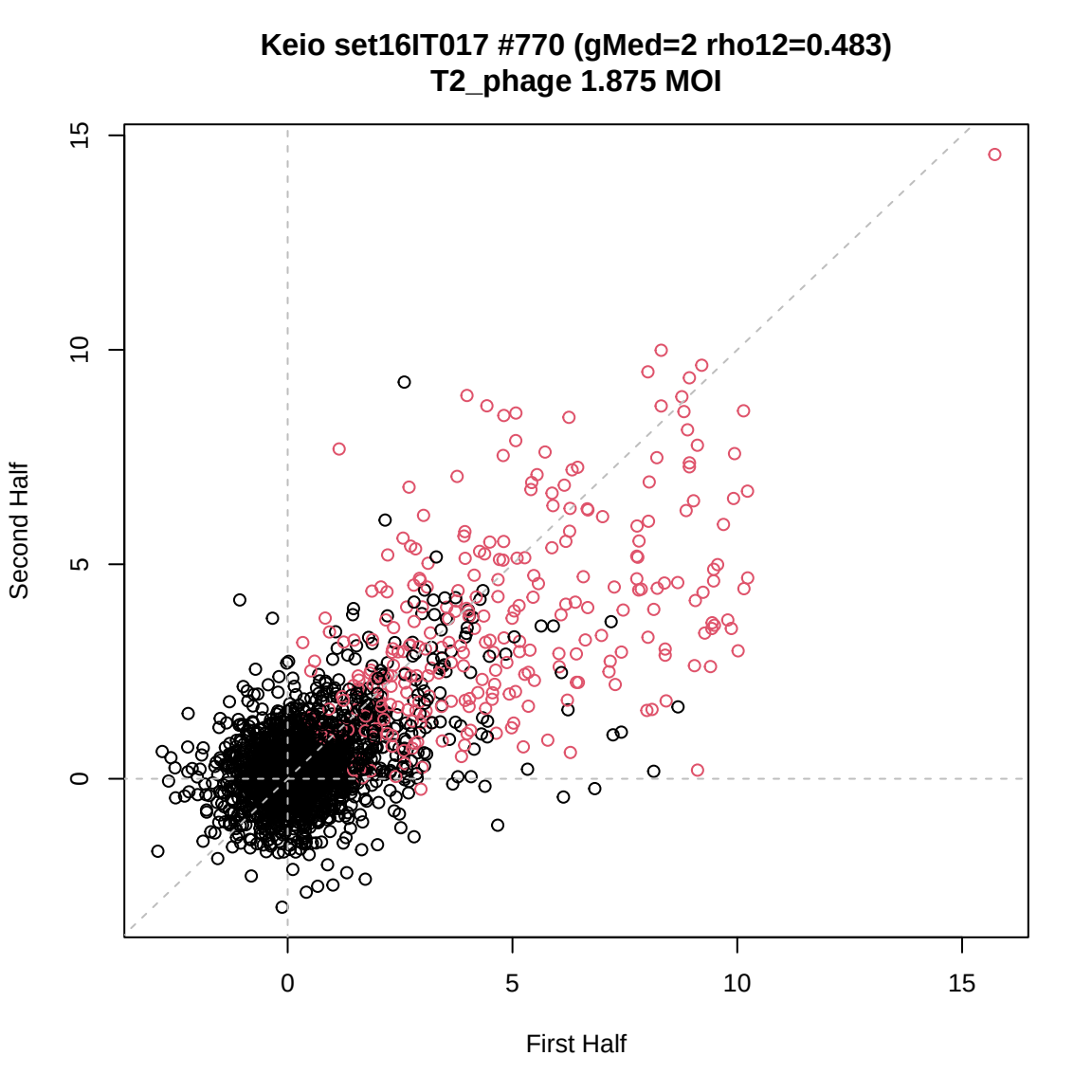

Keio set16IT012 #765 (gMed=5 rho12=0.504)
LB_plus_SM_buffer with T2_phage 0.01875 MOI
Second Half
First Half
0
5
10
15

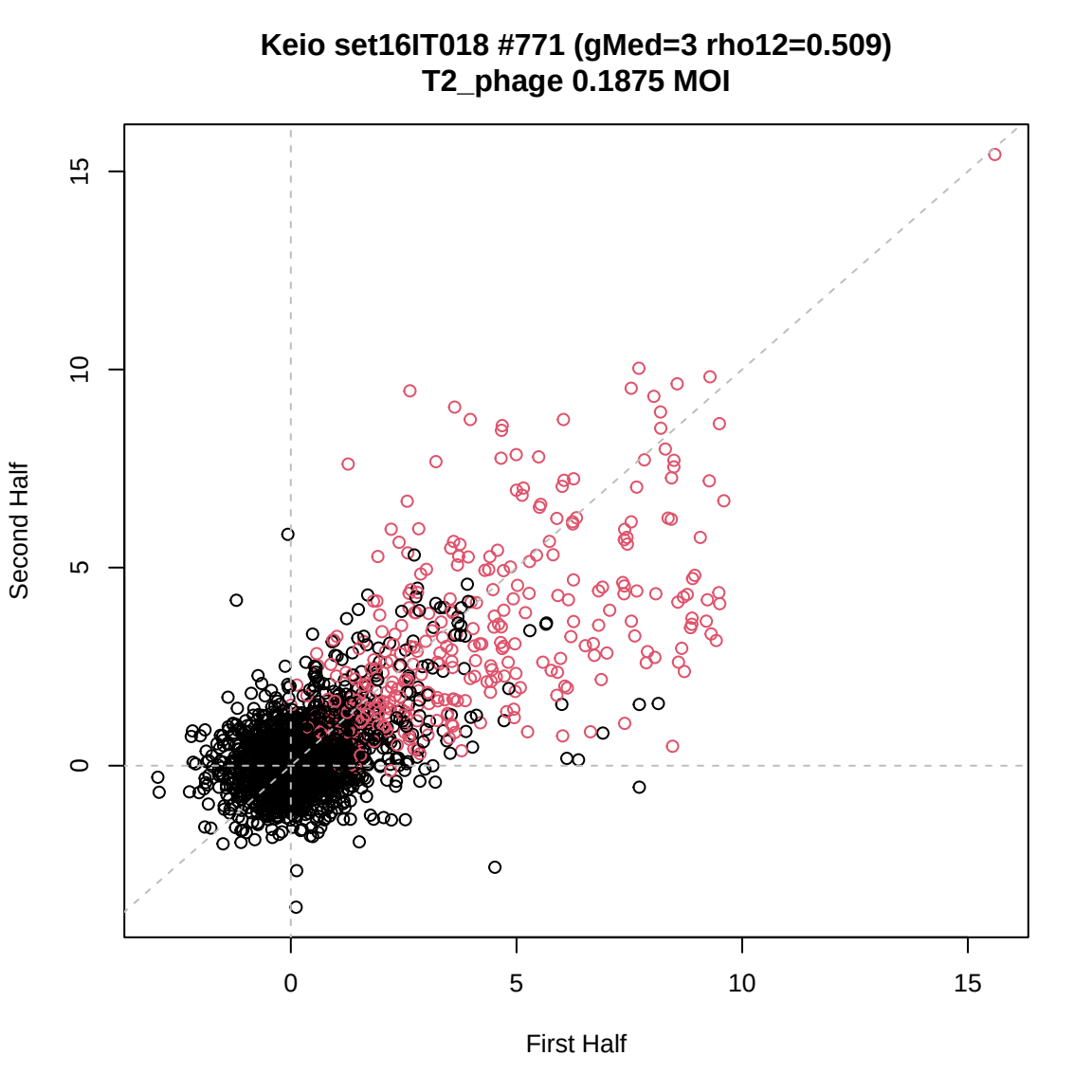

Keio set16IT013 #766 (gMed=23 rho12=0.503)
LB_plus_SM_buffer with T2_phage 0.001875 MOI
Second Half
First Half
0
5
10
15

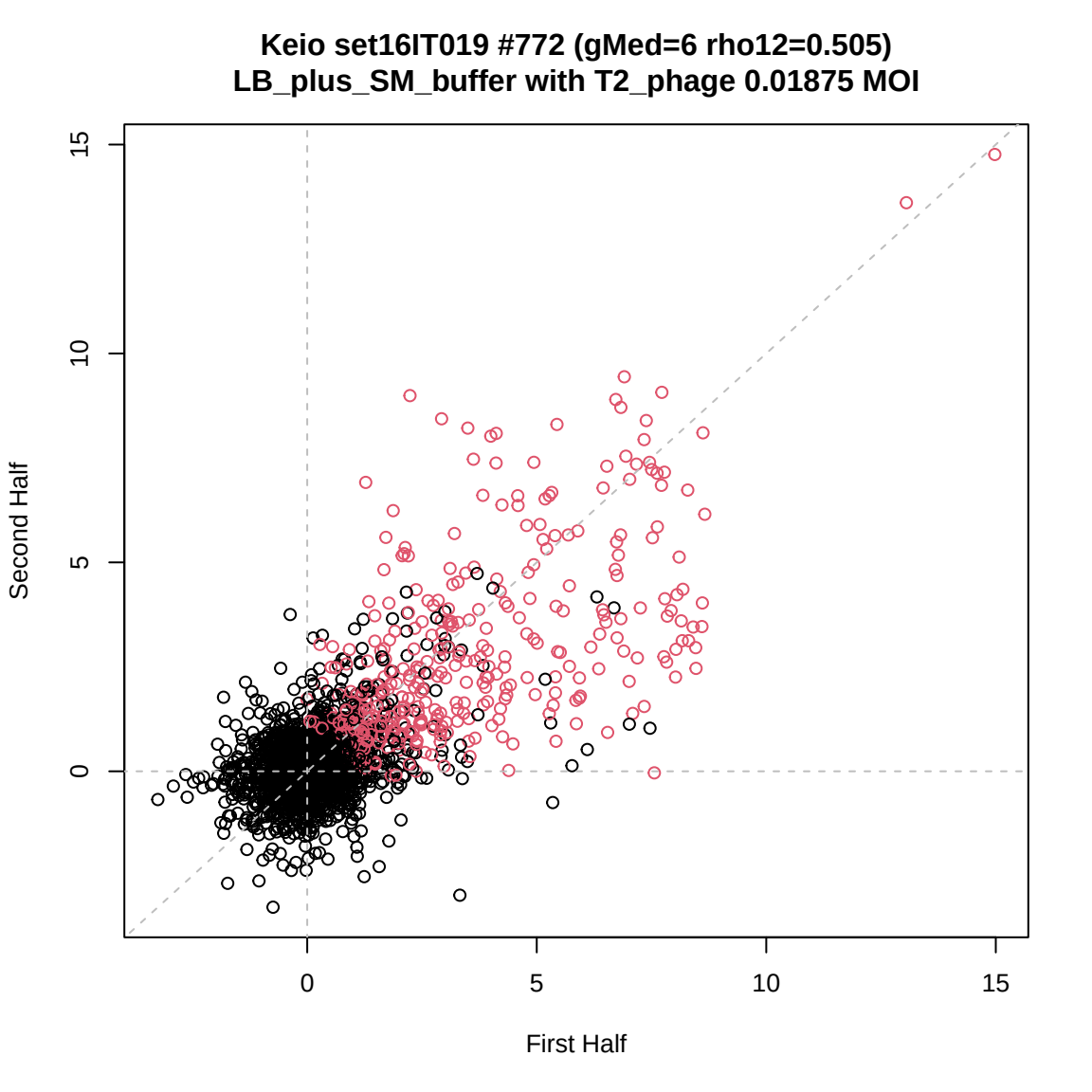

Keio set16IT014 #767 (gMed=389 rho12=0.235)
LB
Second Half
First Half
−2
−1
0
1
2
3

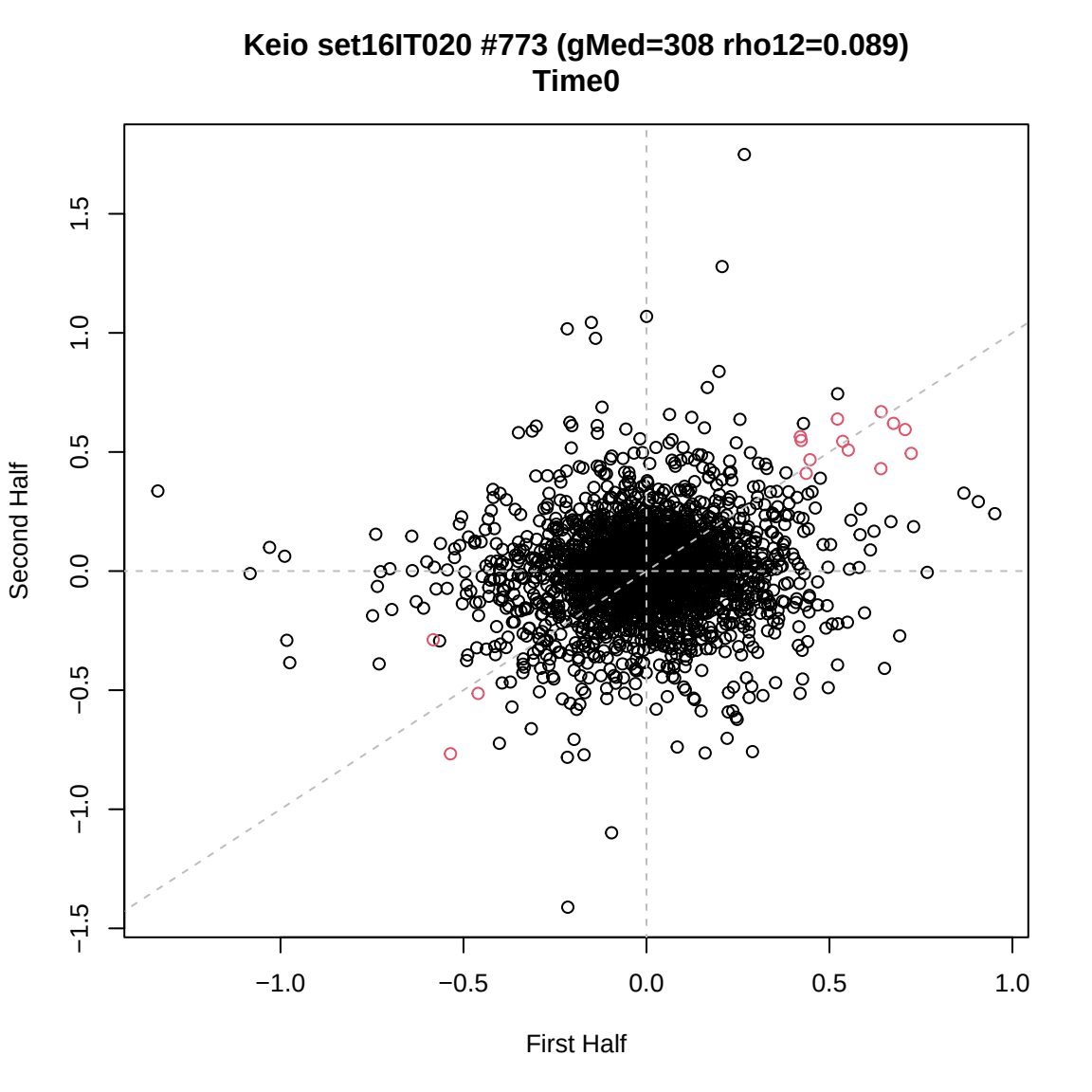

Keio set16IT015 #768 (gMed=1 rho12=0.405)
T2_phage 187.5 MOI
Second Half
First Half
0
5
10
0
5
10

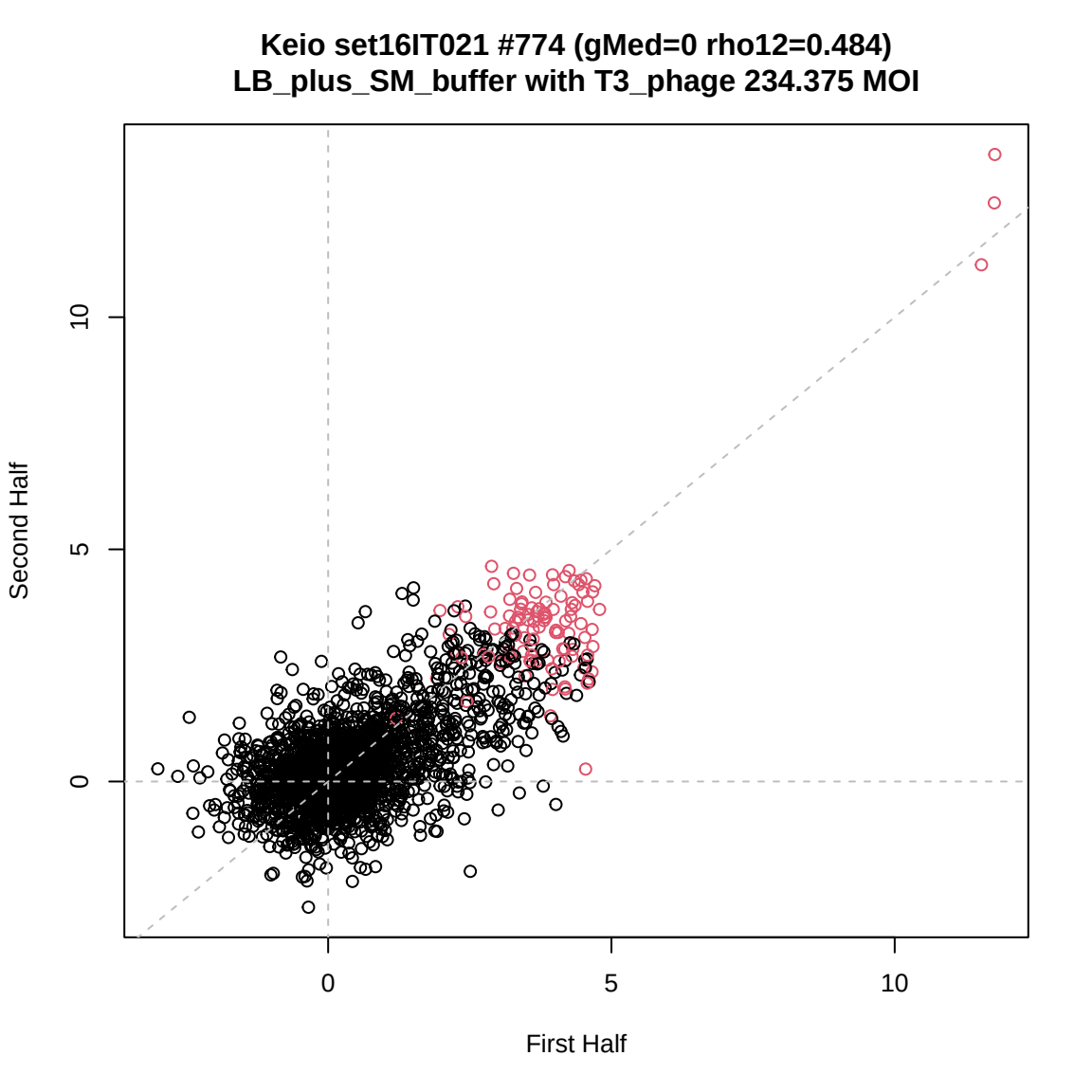

Keio set16IT016 #769 (gMed=2 rho12=0.455)
T2_phage 18.75 MOI
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

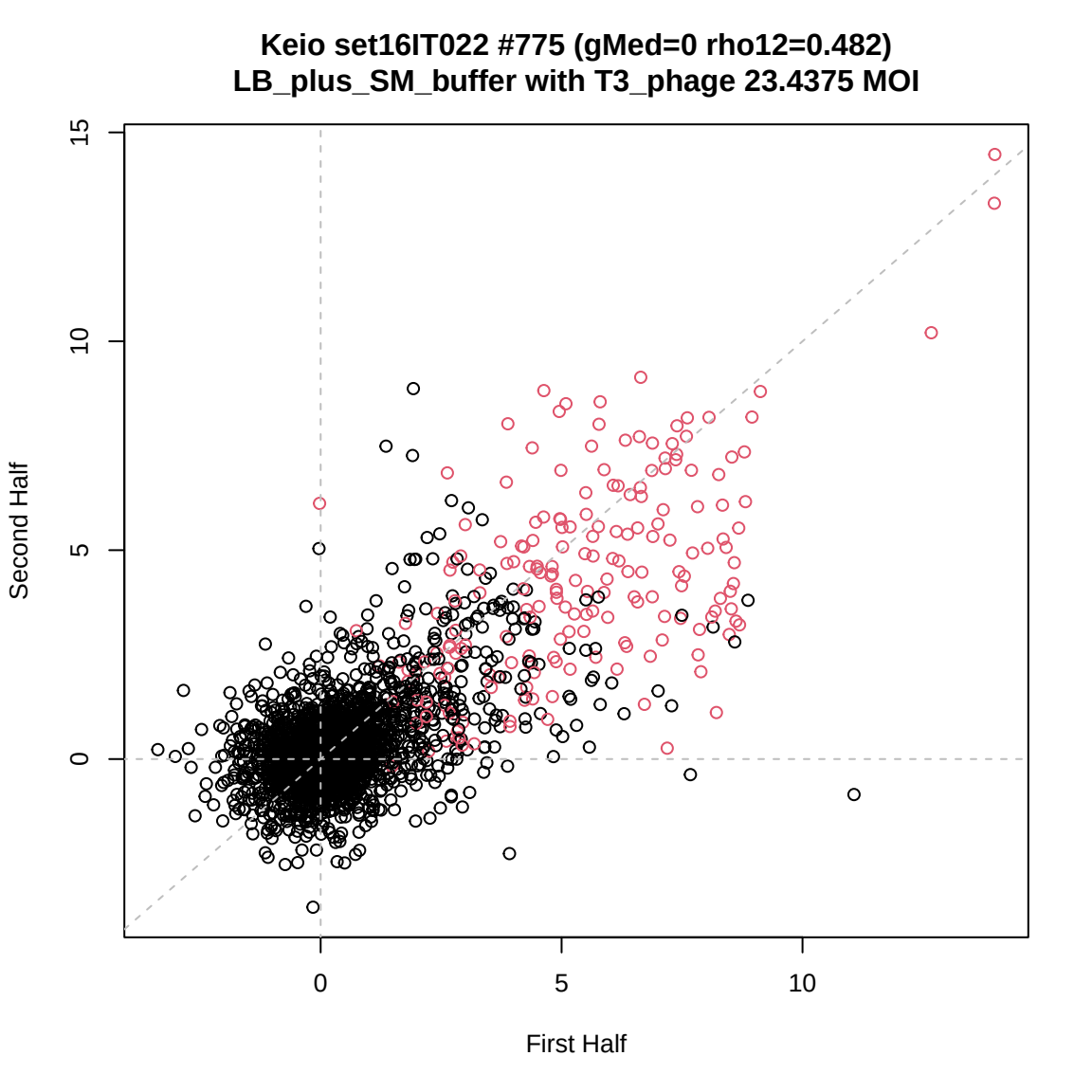

Keio set16IT017 #770 (gMed=2 rho12=0.483)
T2_phage 1.875 MOI
Second Half
First Half
0
5
10
15

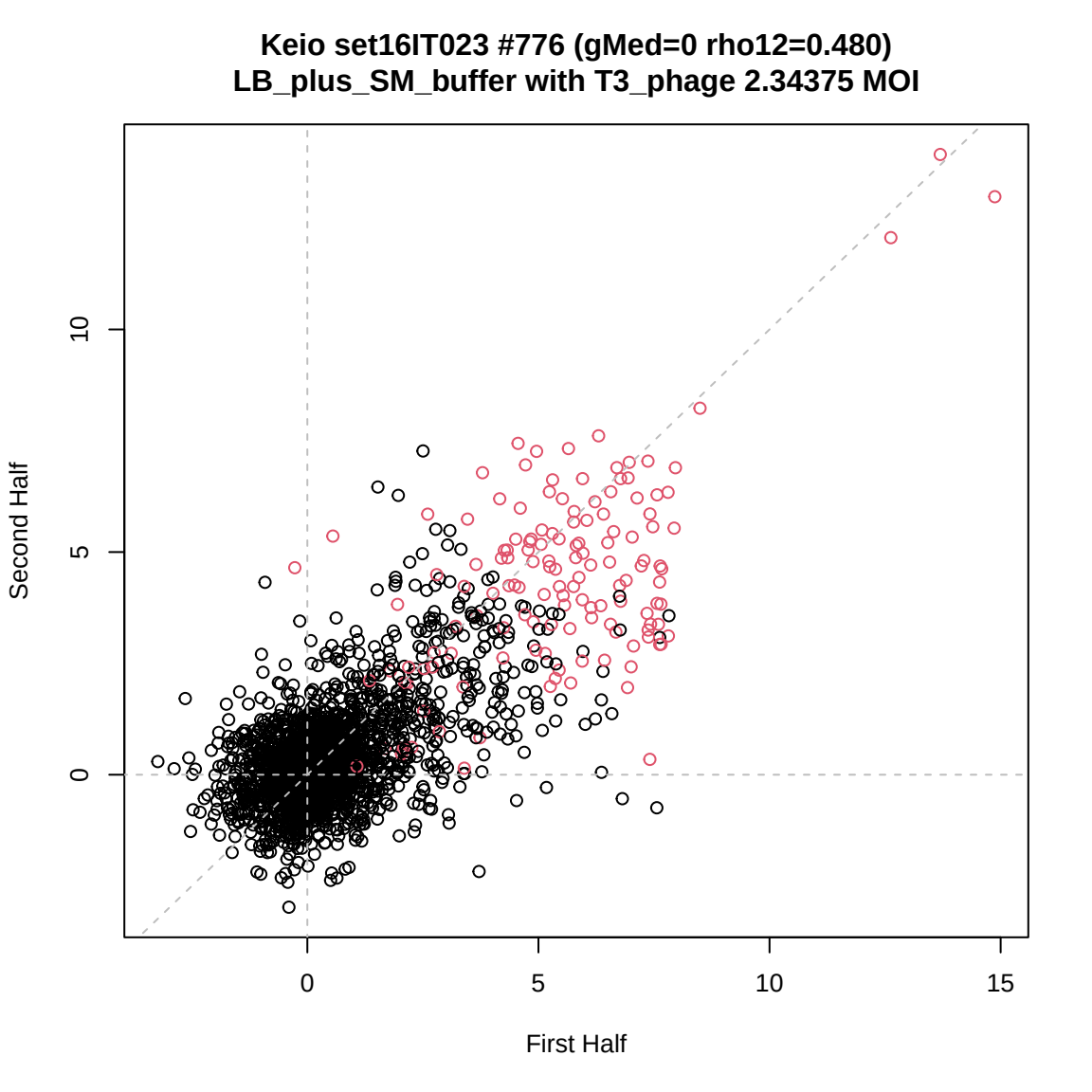

Keio set16IT018 #771 (gMed=3 rho12=0.509)
T2_phage 0.1875 MOI
Second Half
First Half
0
5
10
15

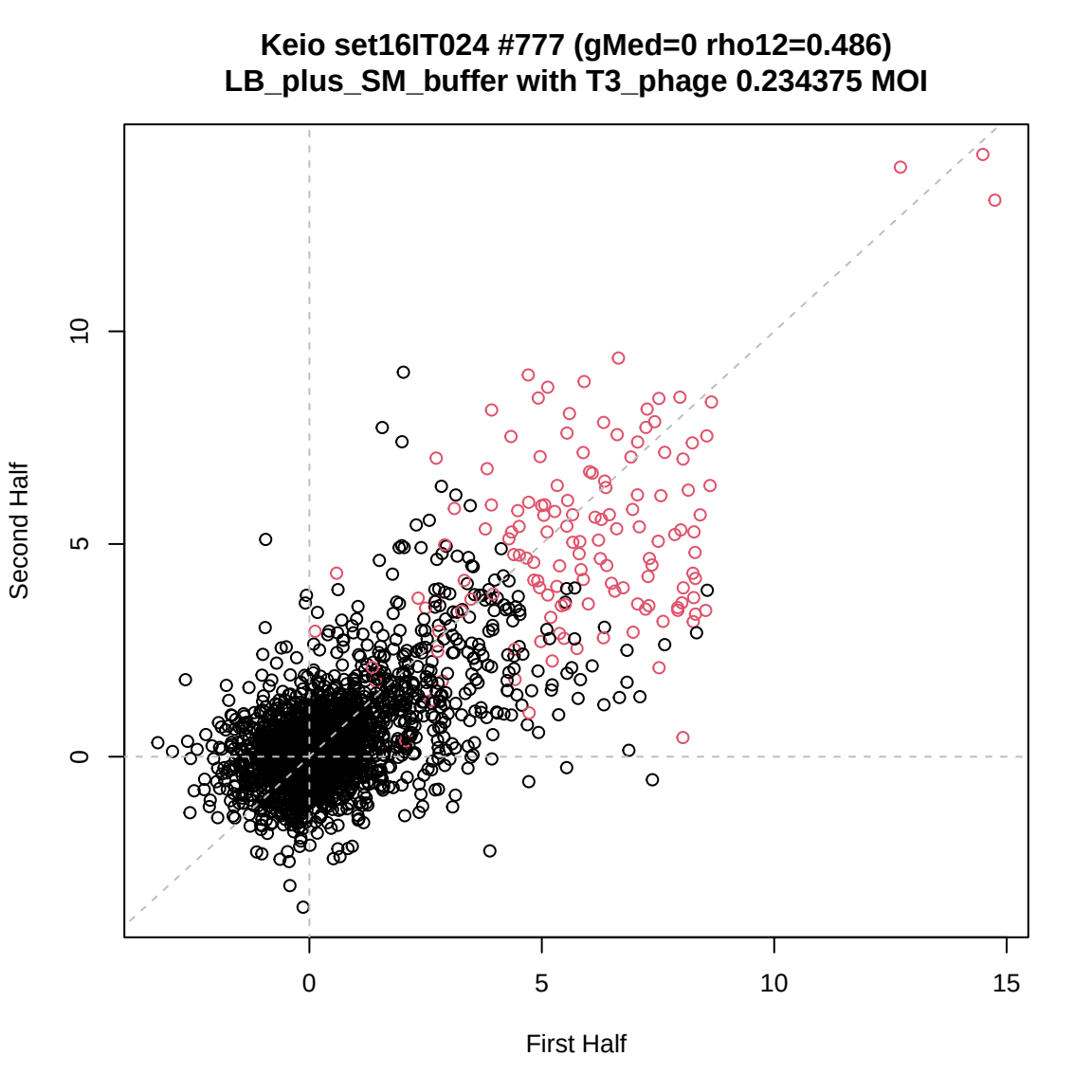

Keio set16IT019 #772 (gMed=6 rho12=0.505)
LB_plus_SM_buffer with T2_phage 0.01875 MOI
Second Half
First Half
15
10
5
0
0
5
10
15

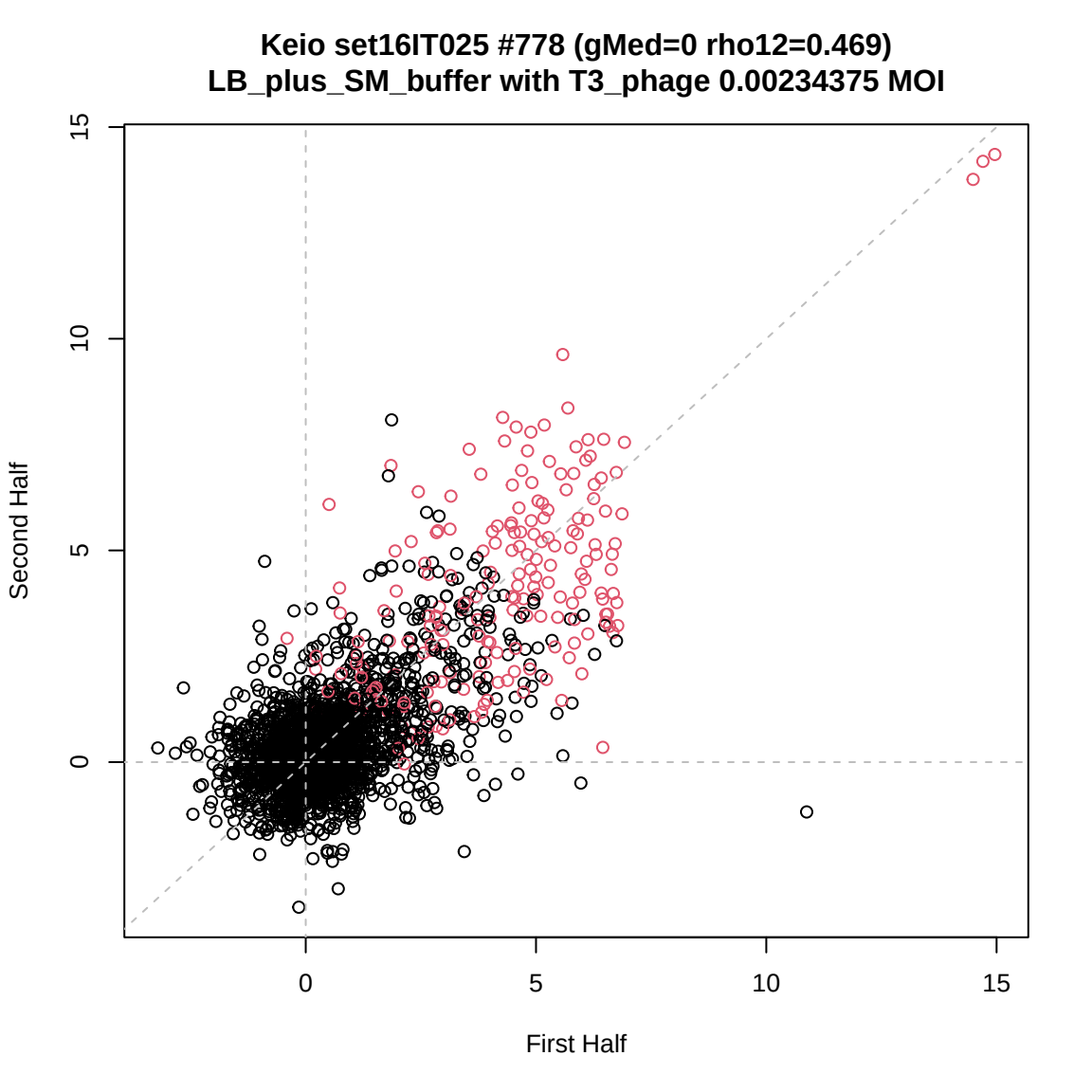

Keio set16IT020 #773 (gMed=308 rho12=0.089)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

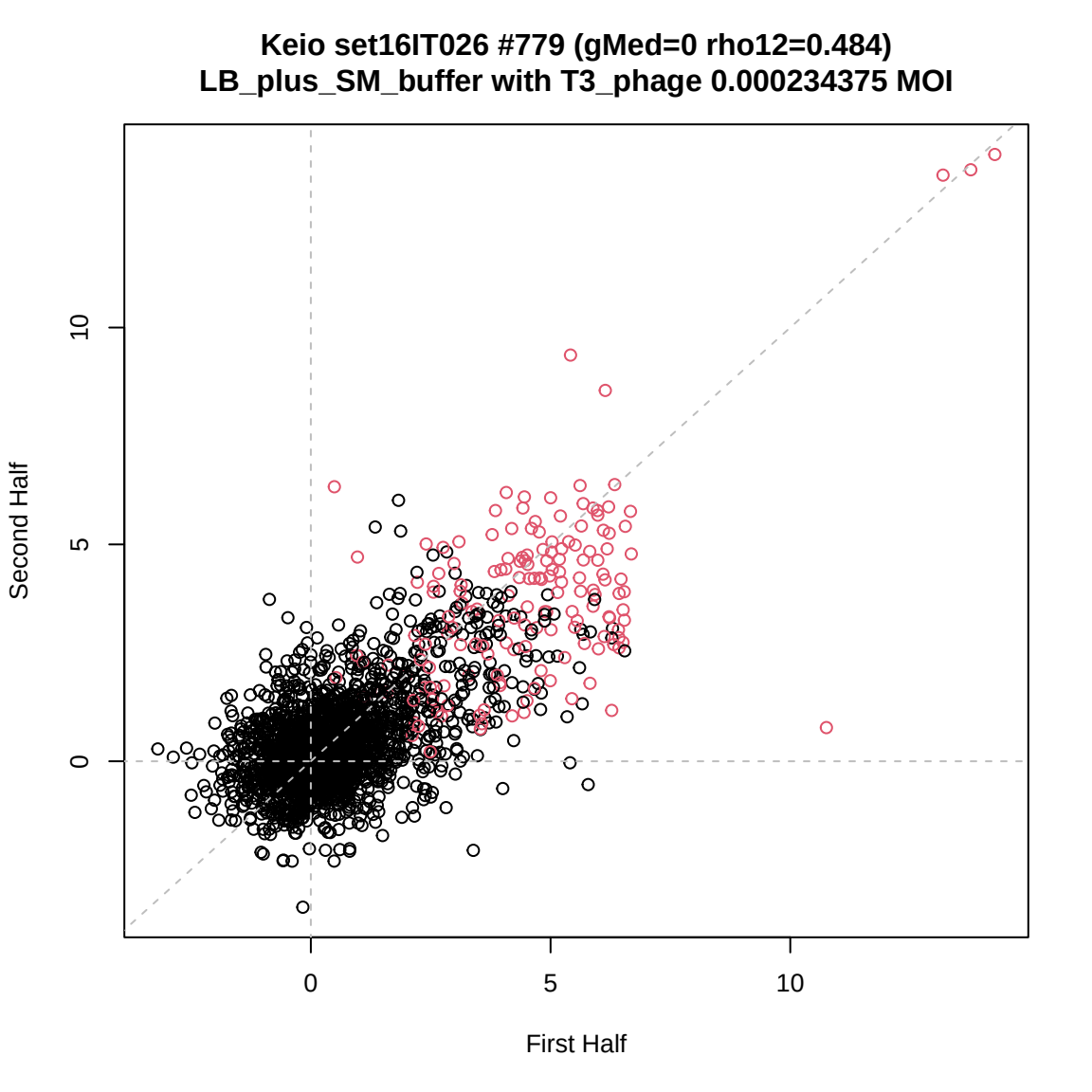

Keio set16IT021 #774 (gMed=0 rho12=0.484)
LB_plus_SM_buffer with T3_phage 234.375 MOI
Second Half
First Half
0
5
10
0
5
10

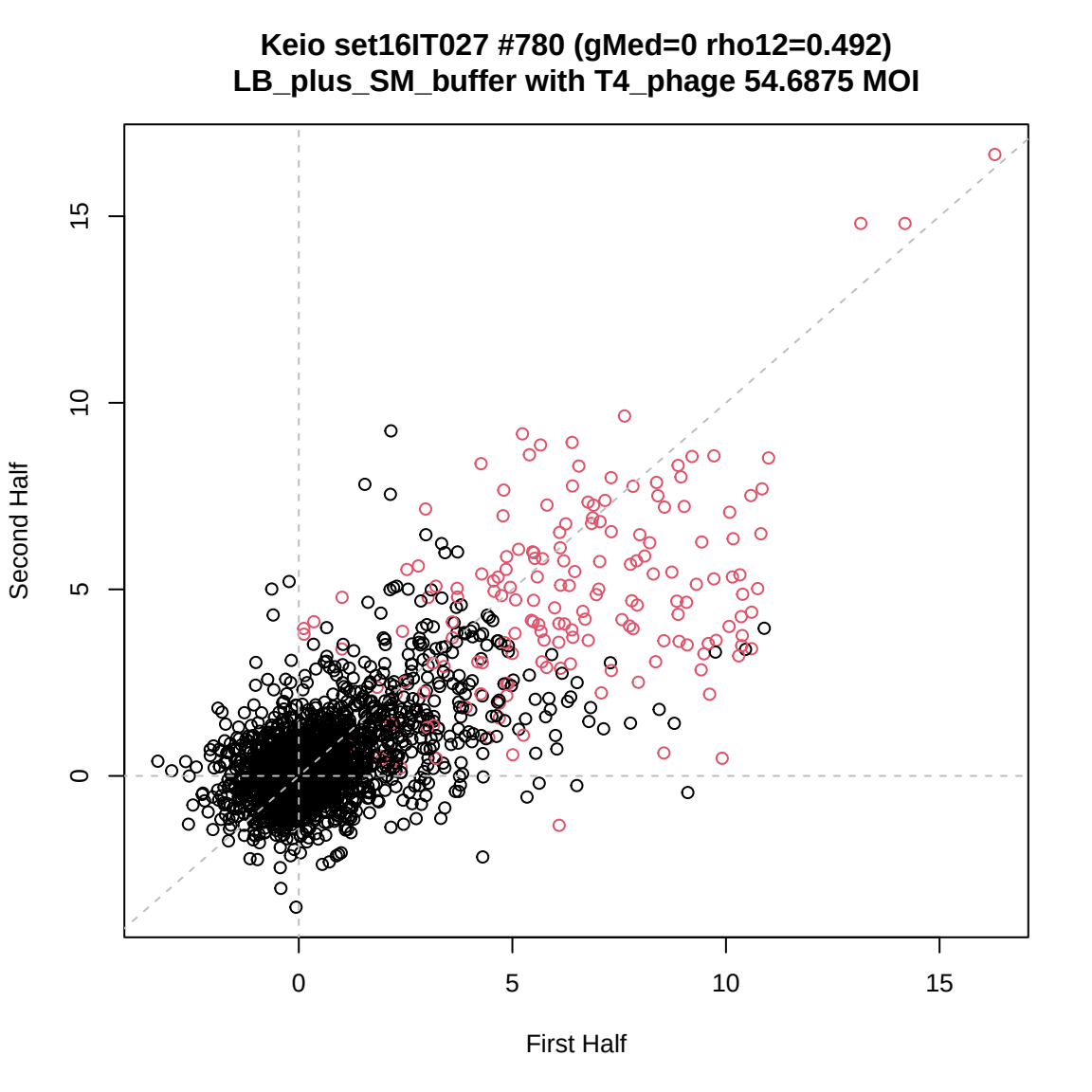

Keio set16IT022 #775 (gMed=0 rho12=0.482)
LB_plus_SM_buffer with T3_phage 23.4375 MOI
Second Half
First Half
15
10
5
0
0
5
10

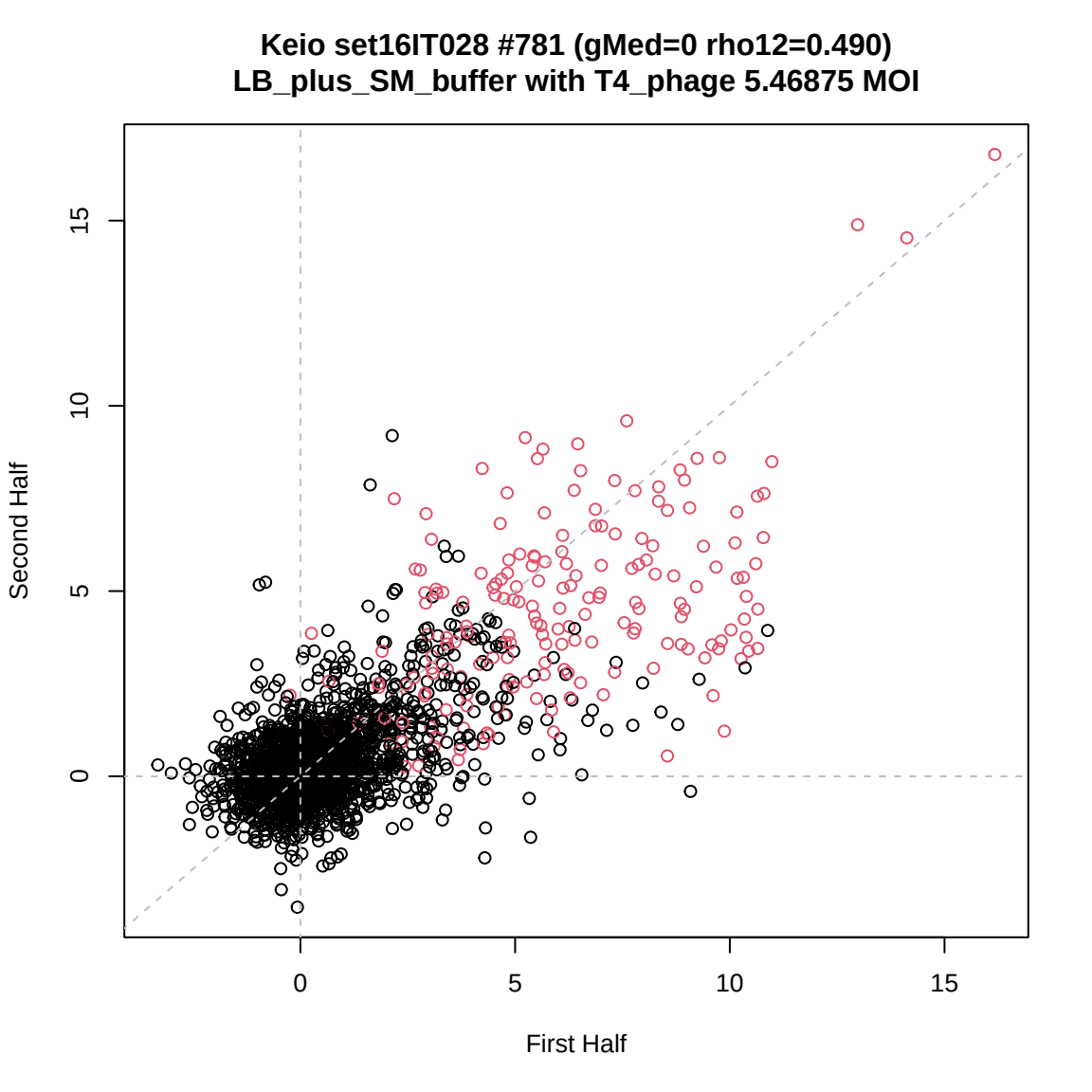

Keio set16IT023 #776 (gMed=0 rho12=0.480)
LB_plus_SM_buffer with T3_phage 2.34375 MOI
Second Half
First Half
0
5
10
15
0
5
10

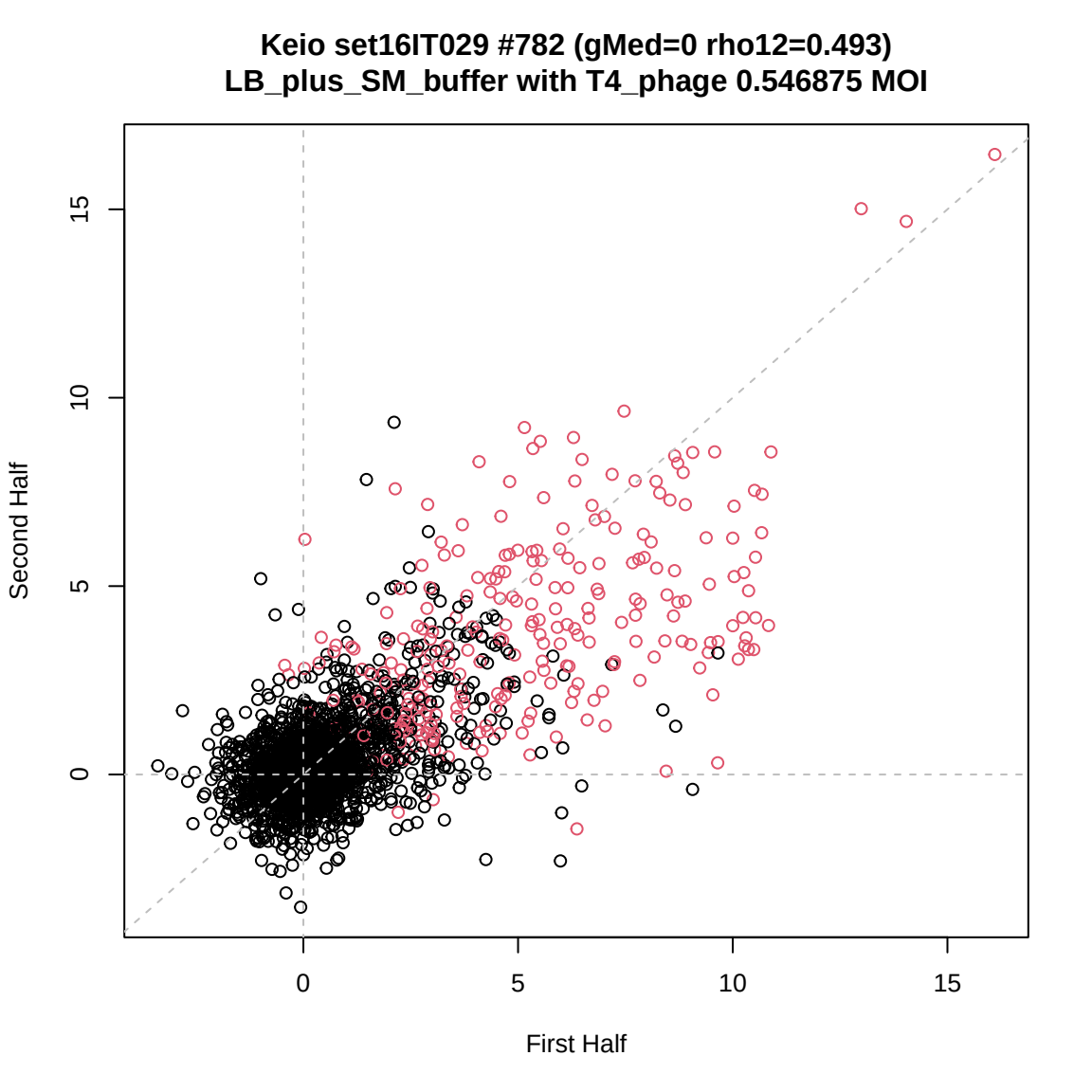

Keio set16IT024 #777 (gMed=0 rho12=0.486)
LB_plus_SM_buffer with T3_phage 0.234375 MOI
Second Half
First Half
0
5
10
15
0
5
10

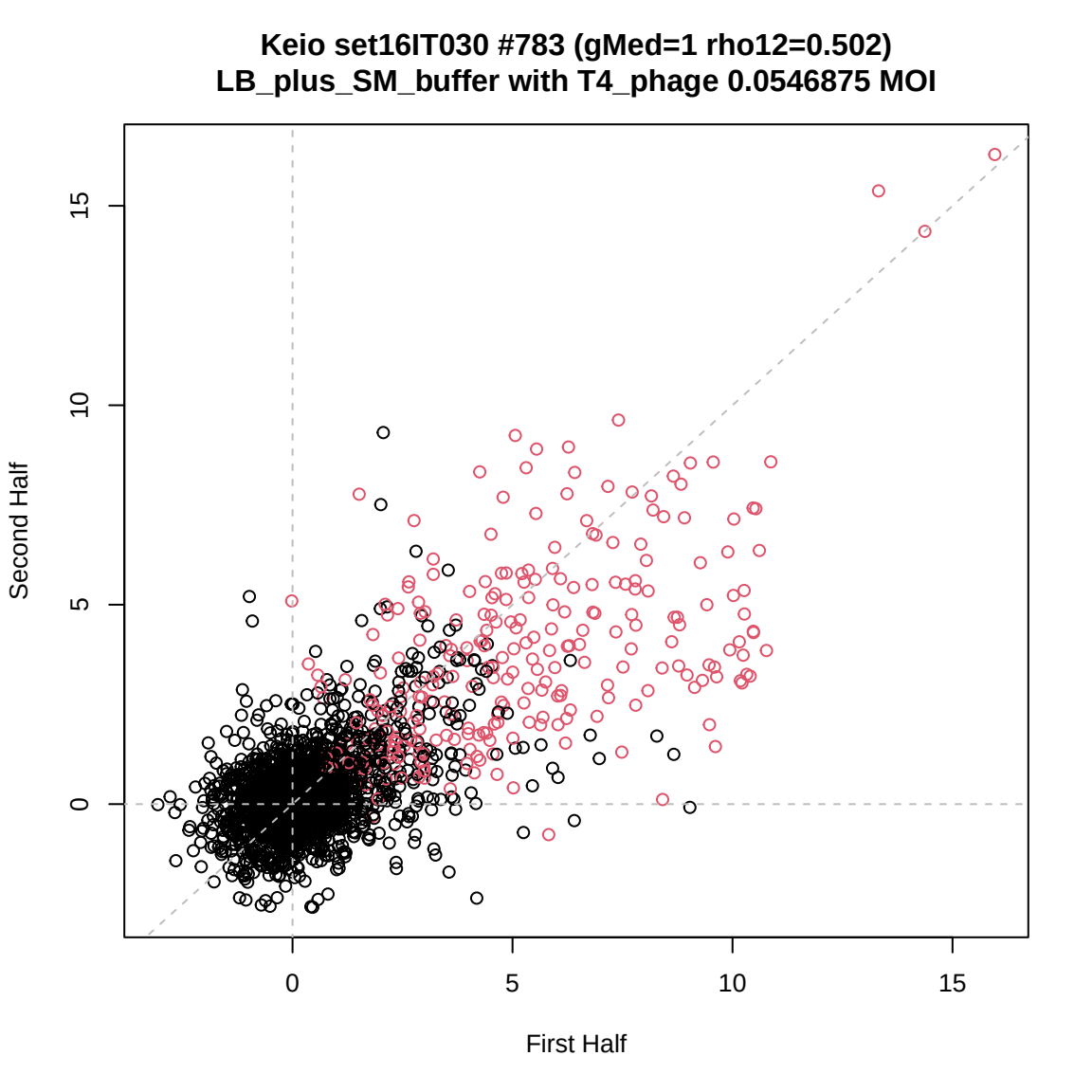

Keio set16IT025 #778 (gMed=0 rho12=0.469)
LB_plus_SM_buffer with T3_phage 0.00234375 MOI
Second Half
First Half
0
5
10
15

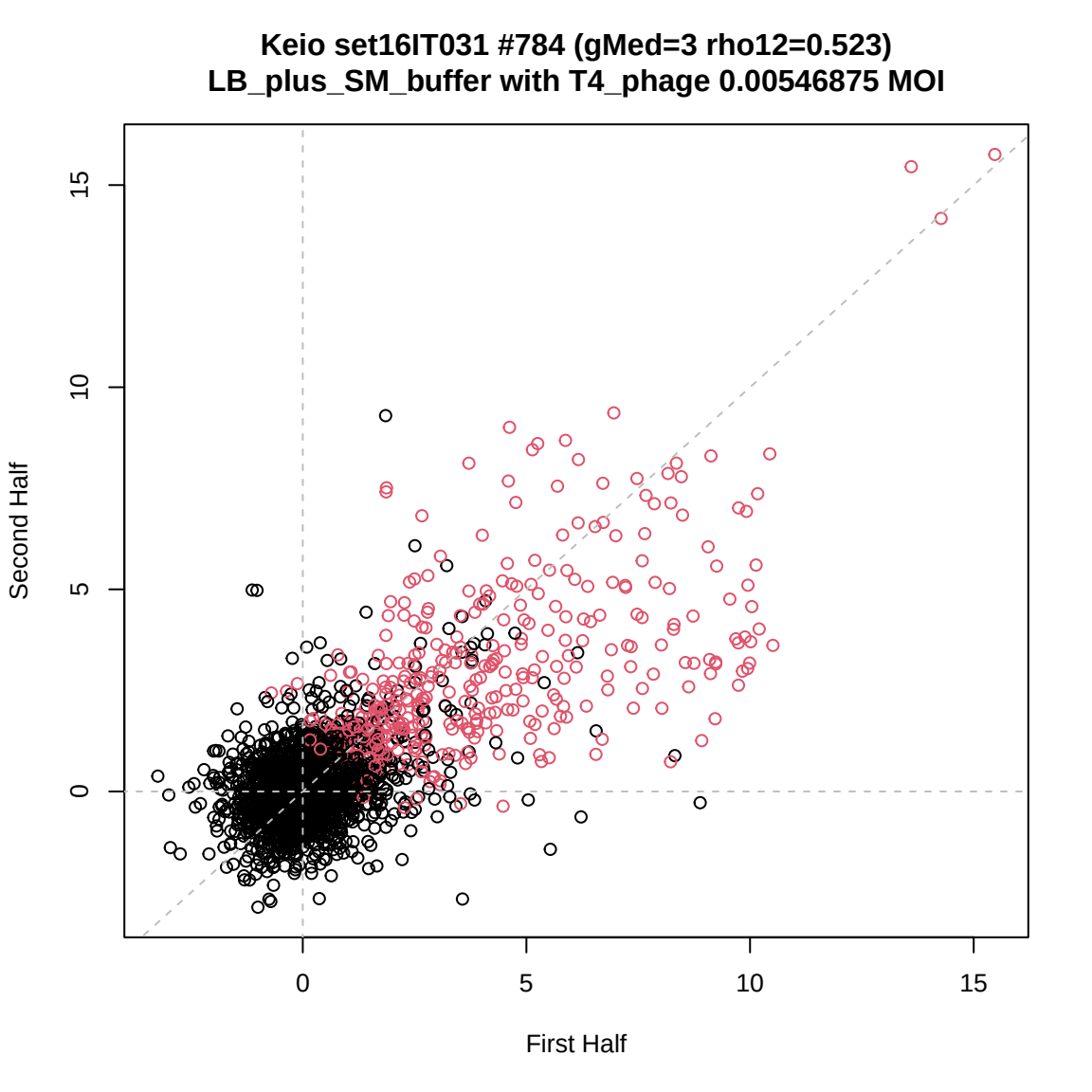

Keio set16IT026 #779 (gMed=0 rho12=0.484)
LB_plus_SM_buffer with T3_phage 0.000234375 MOI
Second Half
First Half
0
5
10
0
5
10

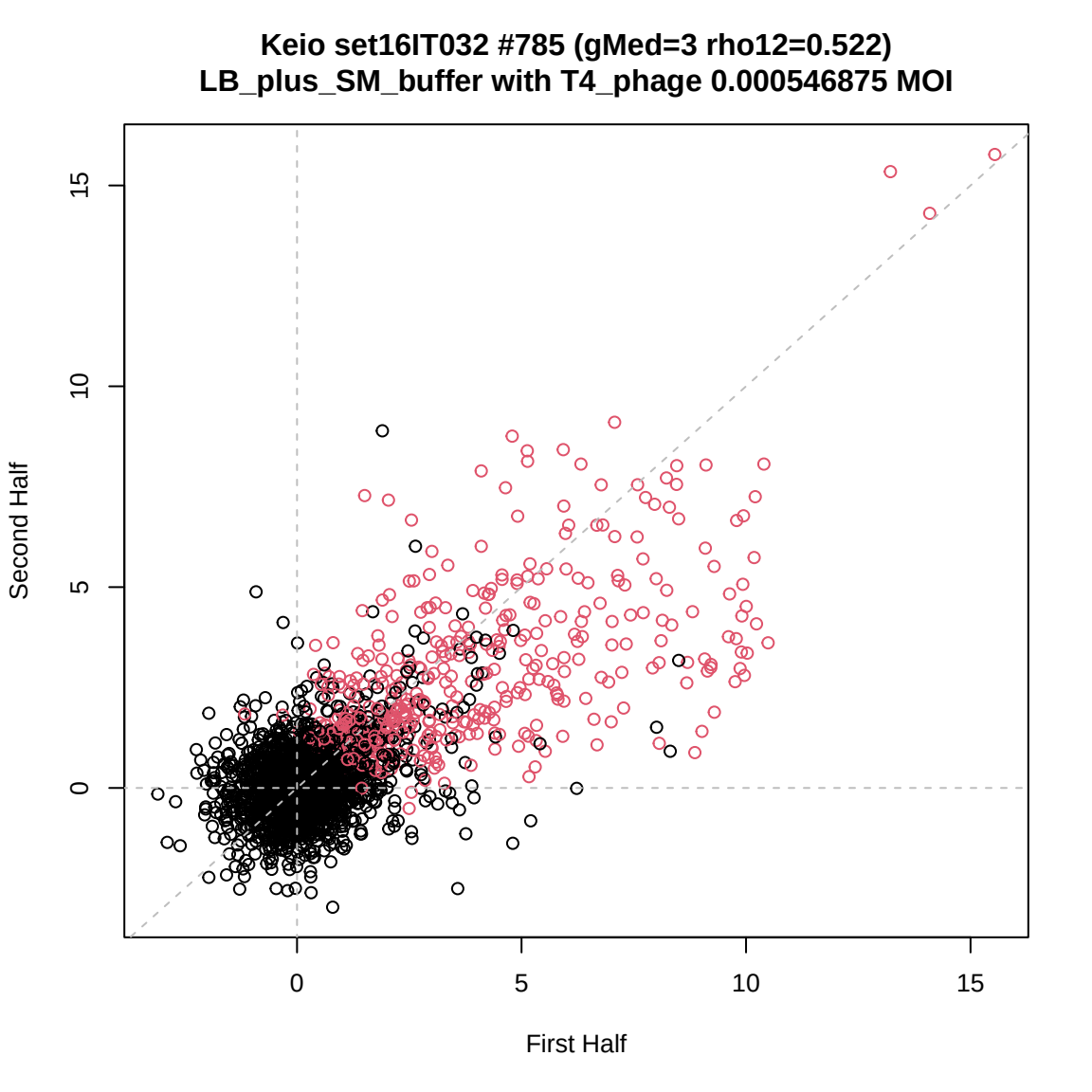

Keio set16IT027 #780 (gMed=0 rho12=0.492)
LB_plus_SM_buffer with T4_phage 54.6875 MOI
Second Half
First Half
0
5
10
15

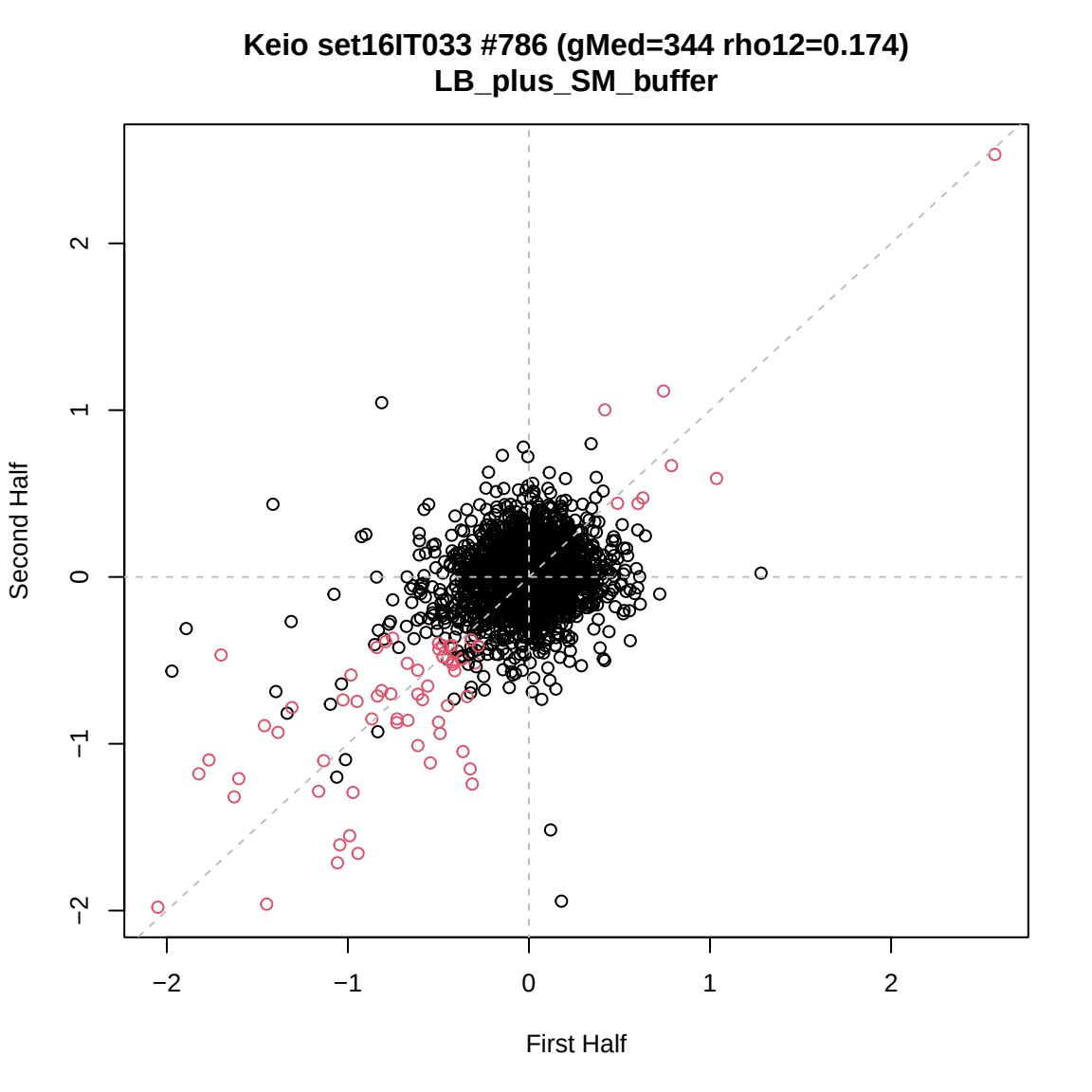

Keio set16IT028 #781 (gMed=0 rho12=0.490)
LB_plus_SM_buffer with T4_phage 5.46875 MOI
Second Half
First Half
0
5
10
15

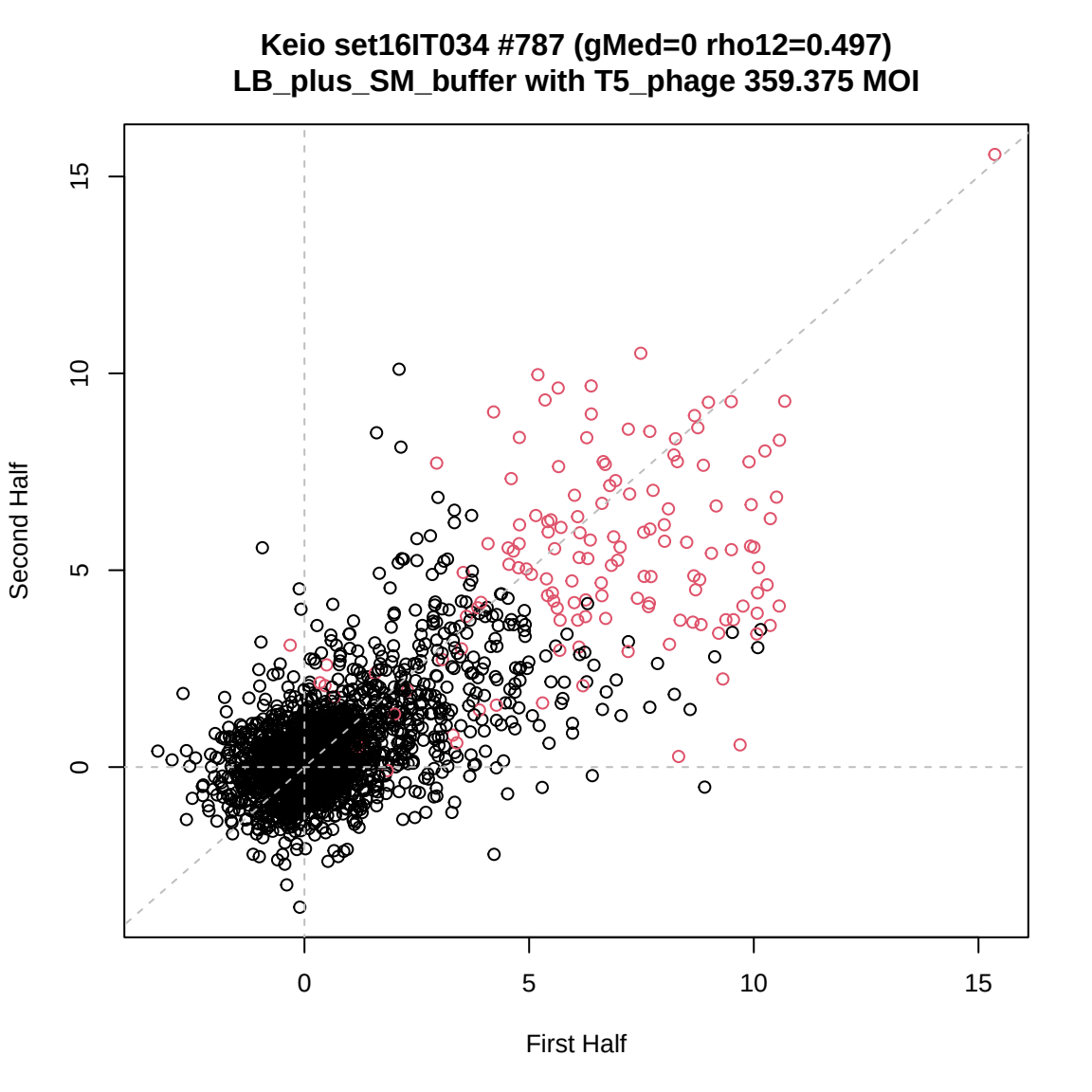

Keio set16IT029 #782 (gMed=0 rho12=0.493)
LB_plus_SM_buffer with T4_phage 0.546875 MOI
Second Half
First Half
0
5
10
15

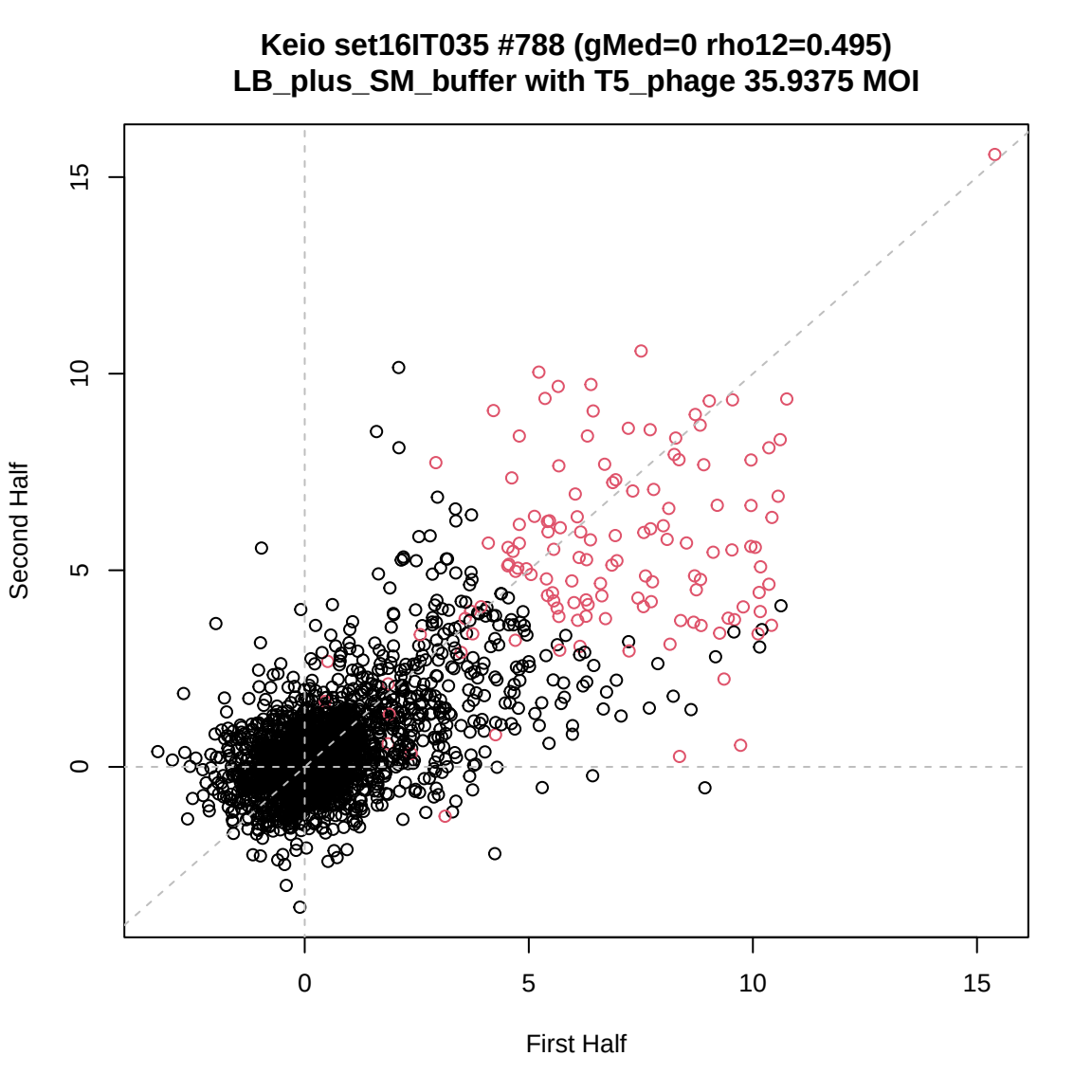

Keio set16IT030 #783 (gMed=1 rho12=0.502)
LB_plus_SM_buffer with T4_phage 0.0546875 MOI
Second Half
First Half
0
5
10
15

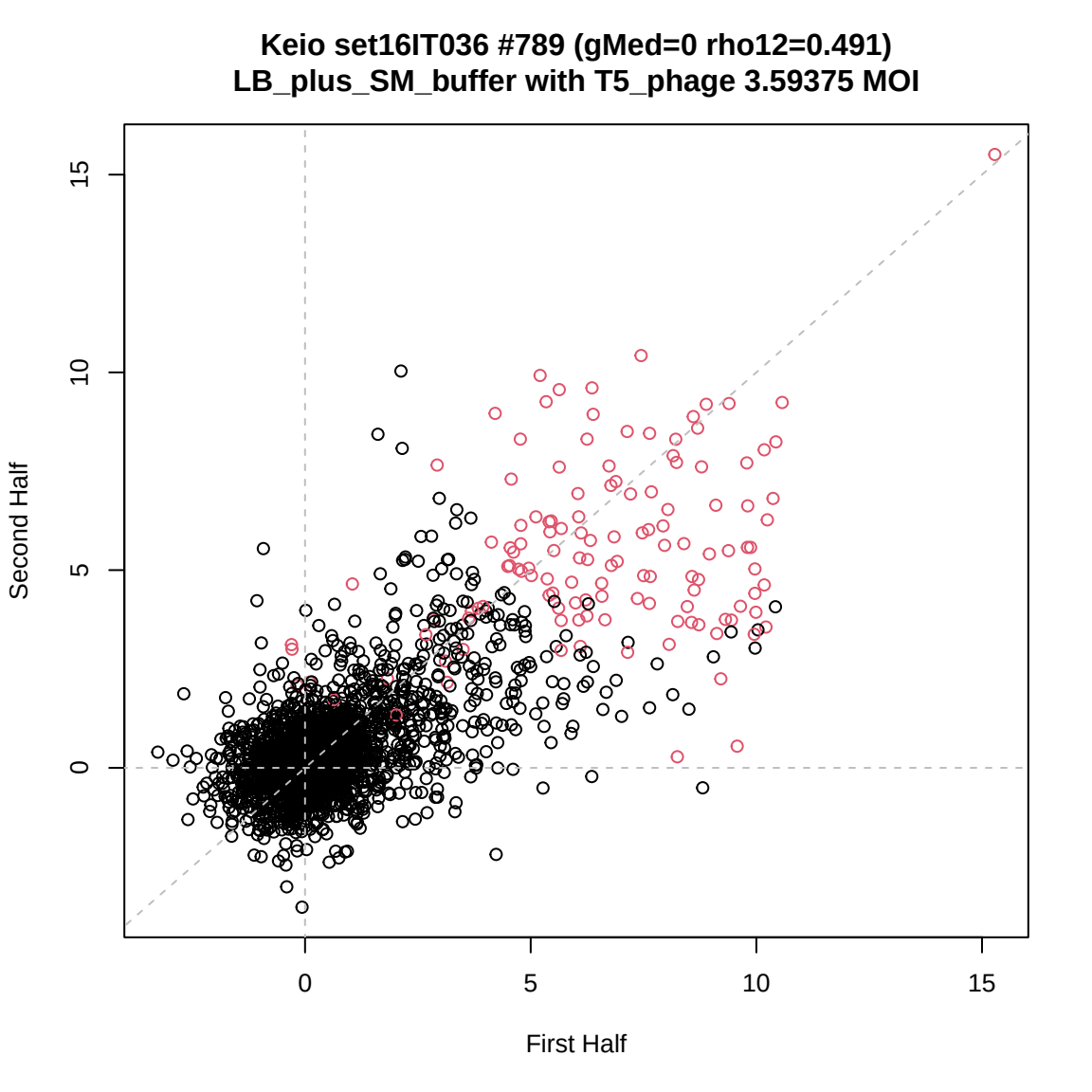

Keio set16IT031 #784 (gMed=3 rho12=0.523)
LB_plus_SM_buffer with T4_phage 0.00546875 MOI
Second Half
First Half
0
5
10
15

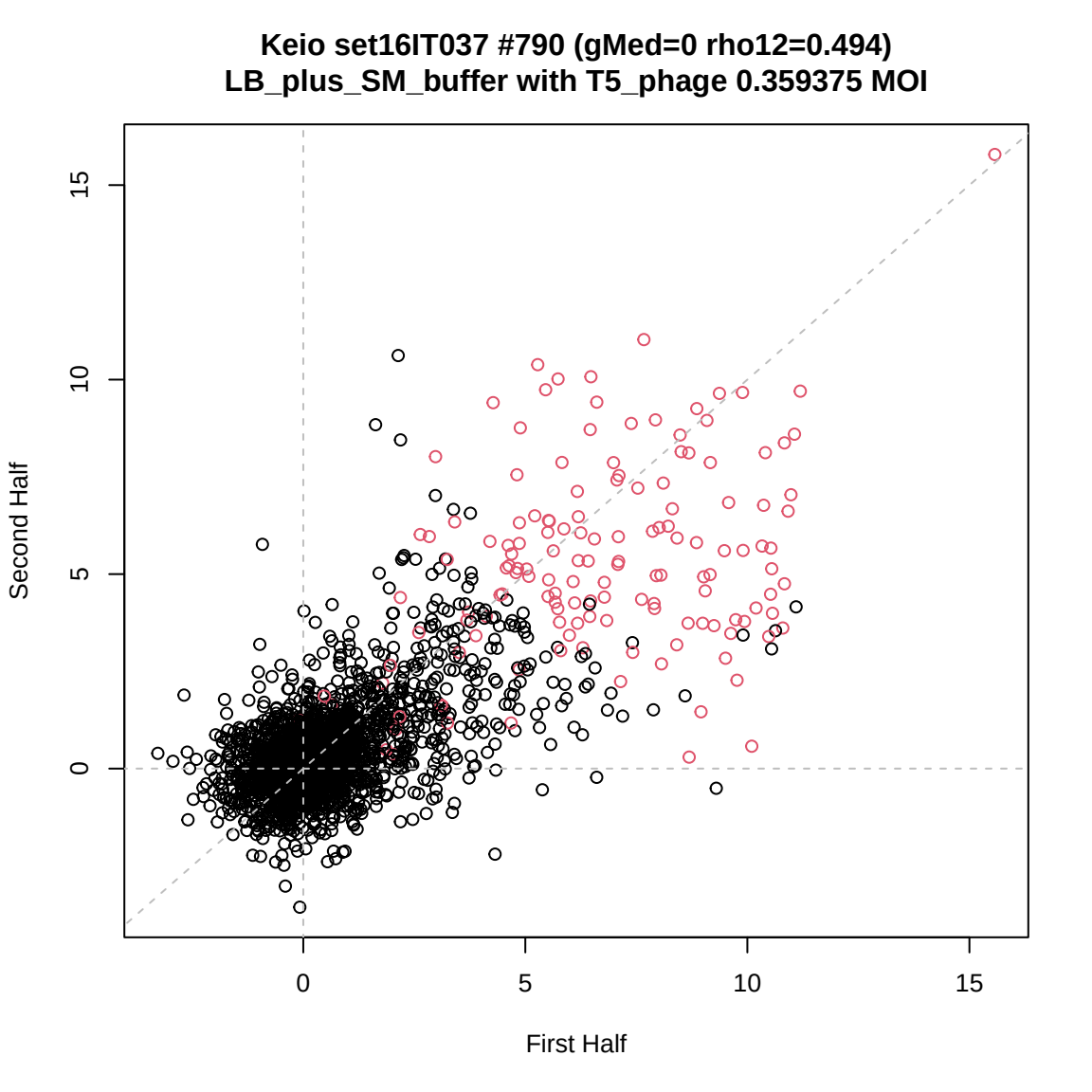

Keio set16IT032 #785 (gMed=3 rho12=0.522)
LB_plus_SM_buffer with T4_phage 0.000546875 MOI
Second Half
First Half
0
5
10
15

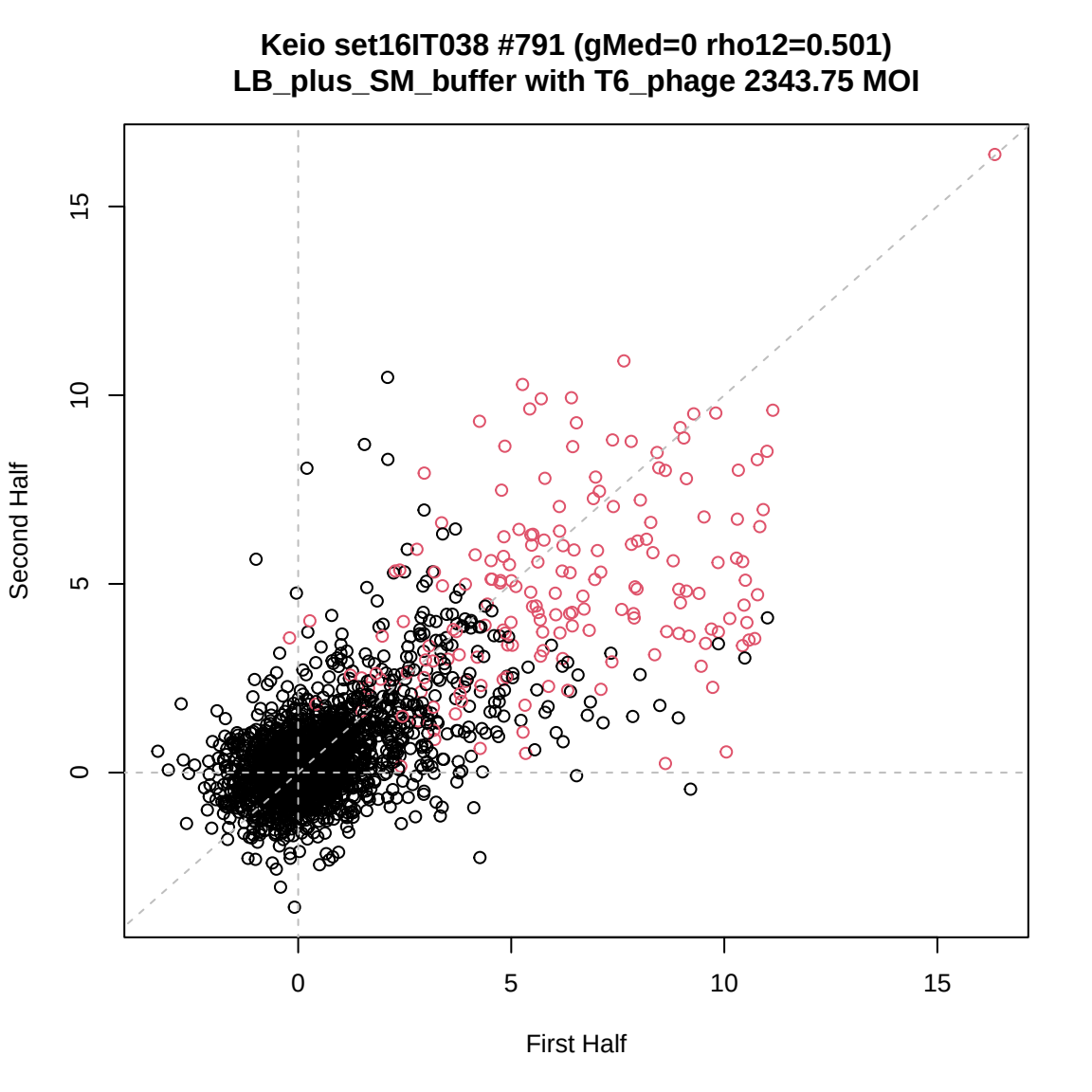

Keio set16IT033 #786 (gMed=344 rho12=0.174)
LB_plus_SM_buffer
Second Half
First Half
−2
−1
0
1
2

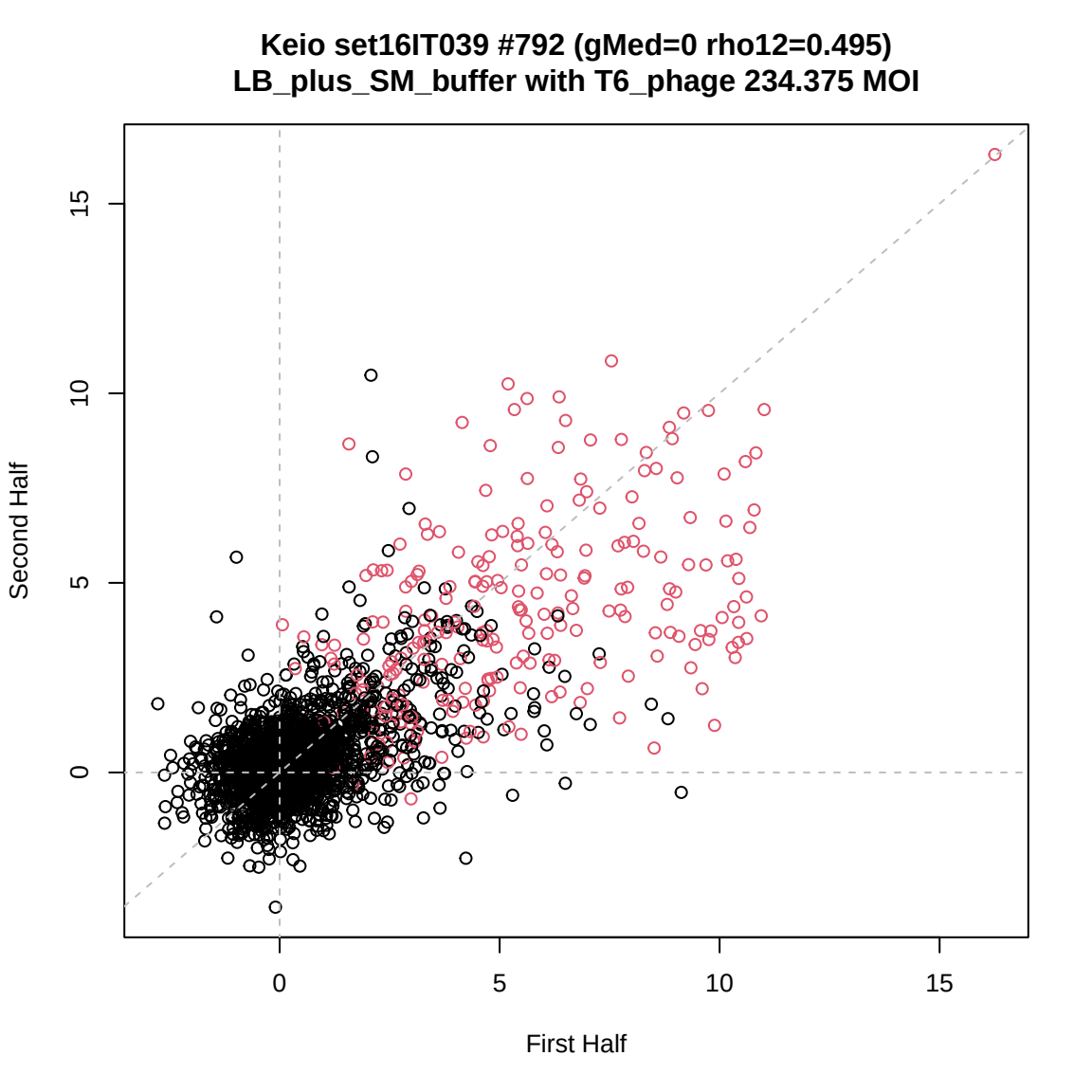

Keio set16IT034 #787 (gMed=0 rho12=0.497)
LB_plus_SM_buffer with T5_phage 359.375 MOI
Second Half
First Half
0
5
10
15

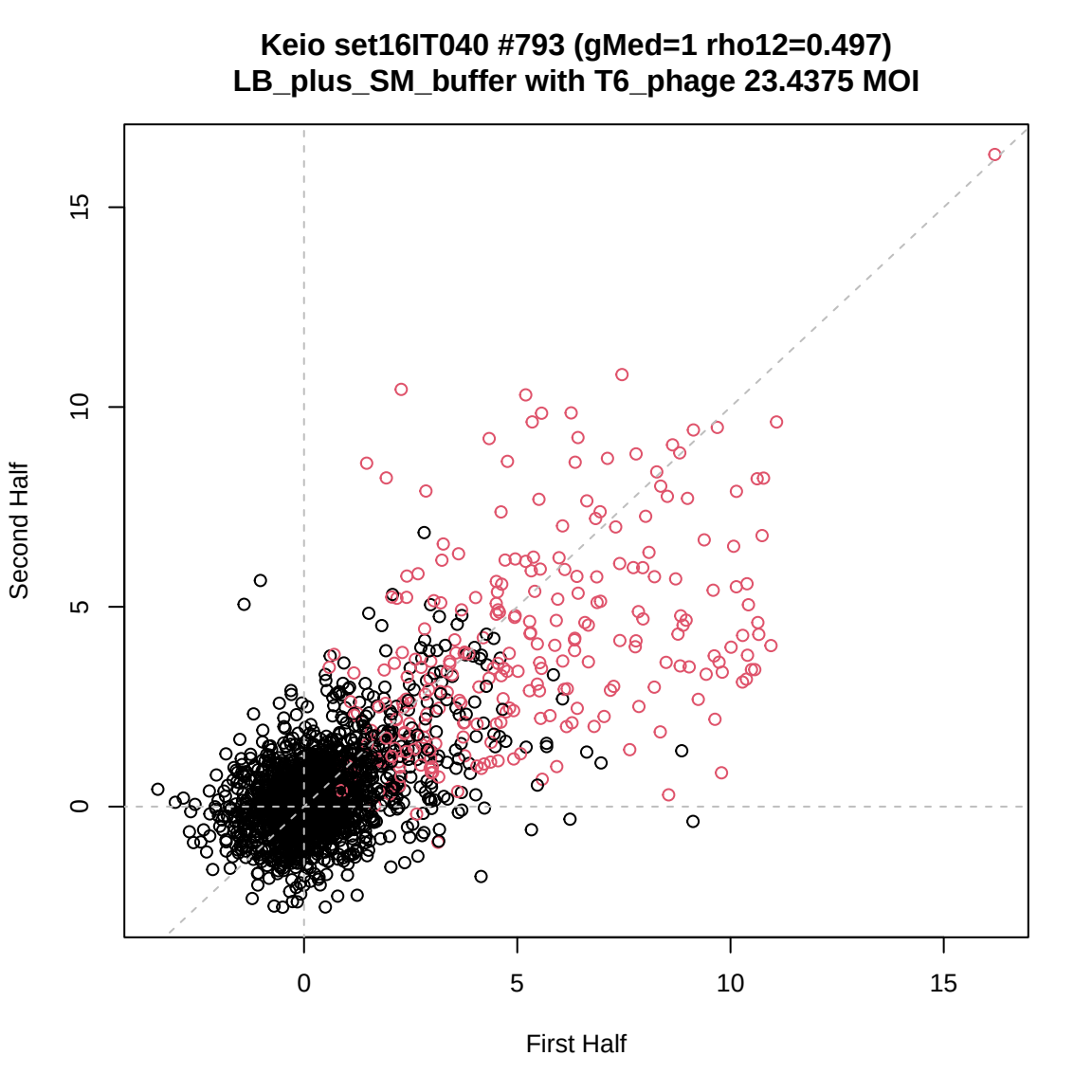

Keio set16IT035 #788 (gMed=0 rho12=0.495)
LB_plus_SM_buffer with T5_phage 35.9375 MOI
Second Half
First Half
0
5
10
15

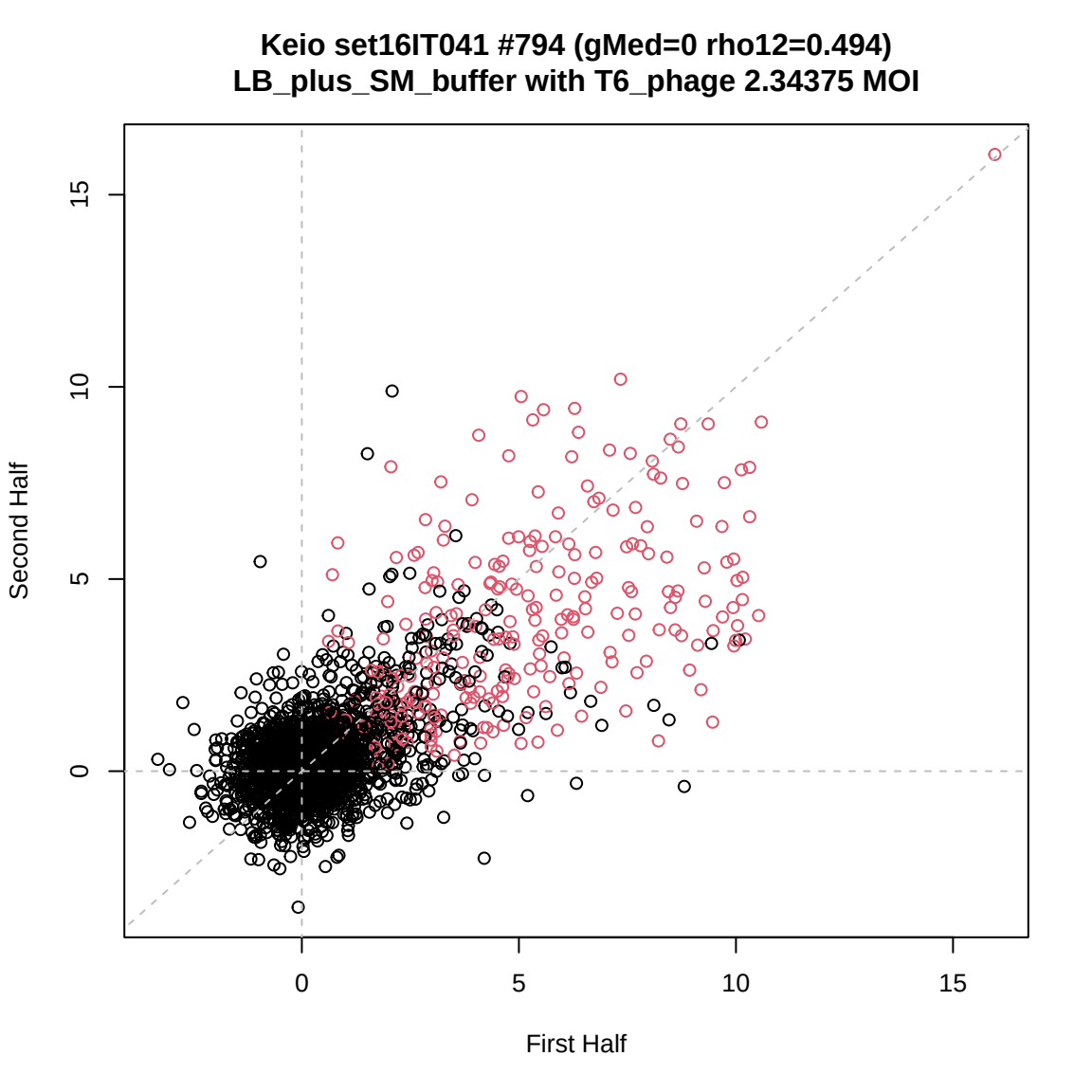

Keio set16IT036 #789 (gMed=0 rho12=0.491)
LB_plus_SM_buffer with T5_phage 3.59375 MOI
Second Half
First Half
0
5
10
15

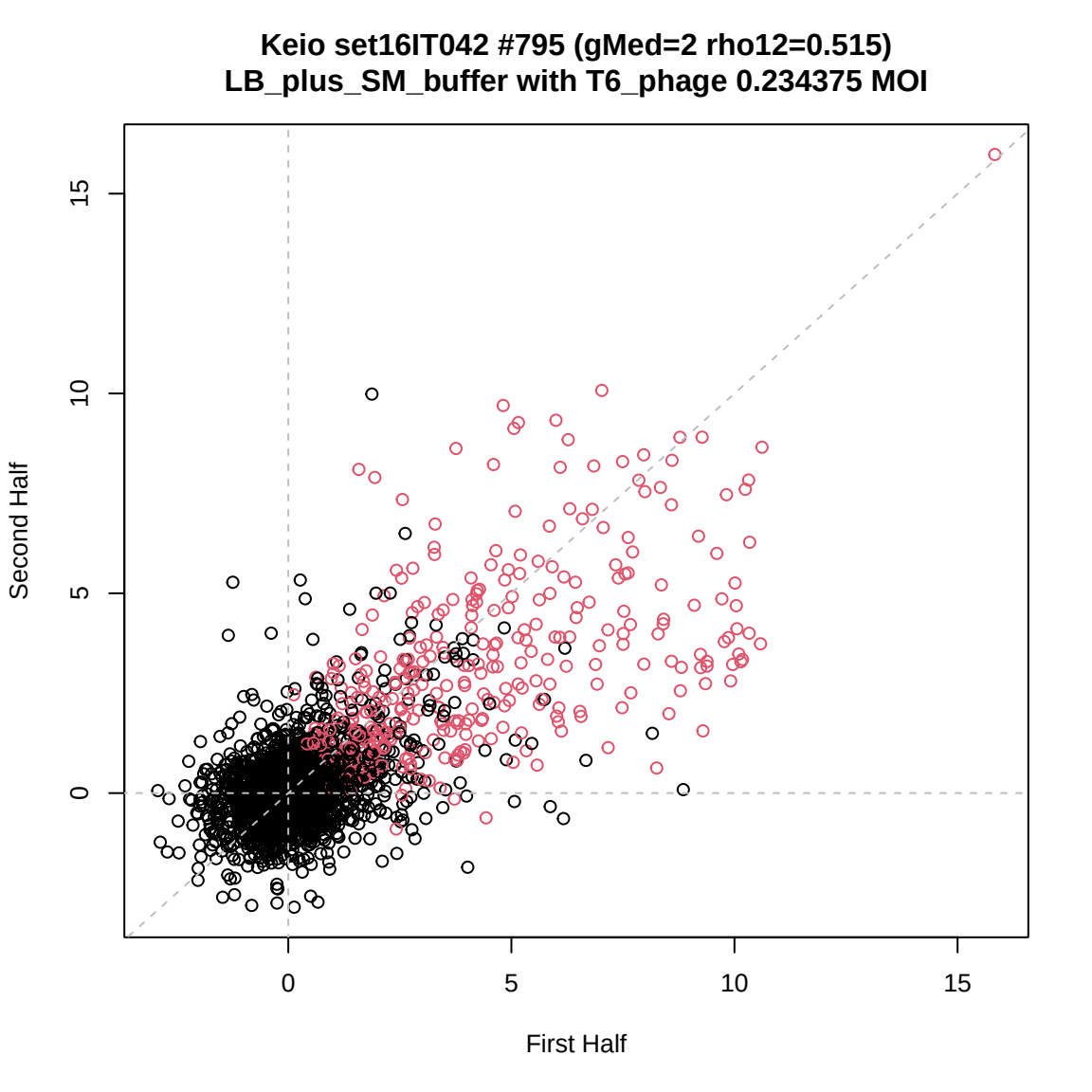

Keio set16IT037 #790 (gMed=0 rho12=0.494)
LB_plus_SM_buffer with T5_phage 0.359375 MOI
Second Half
First Half
0
5
10
15

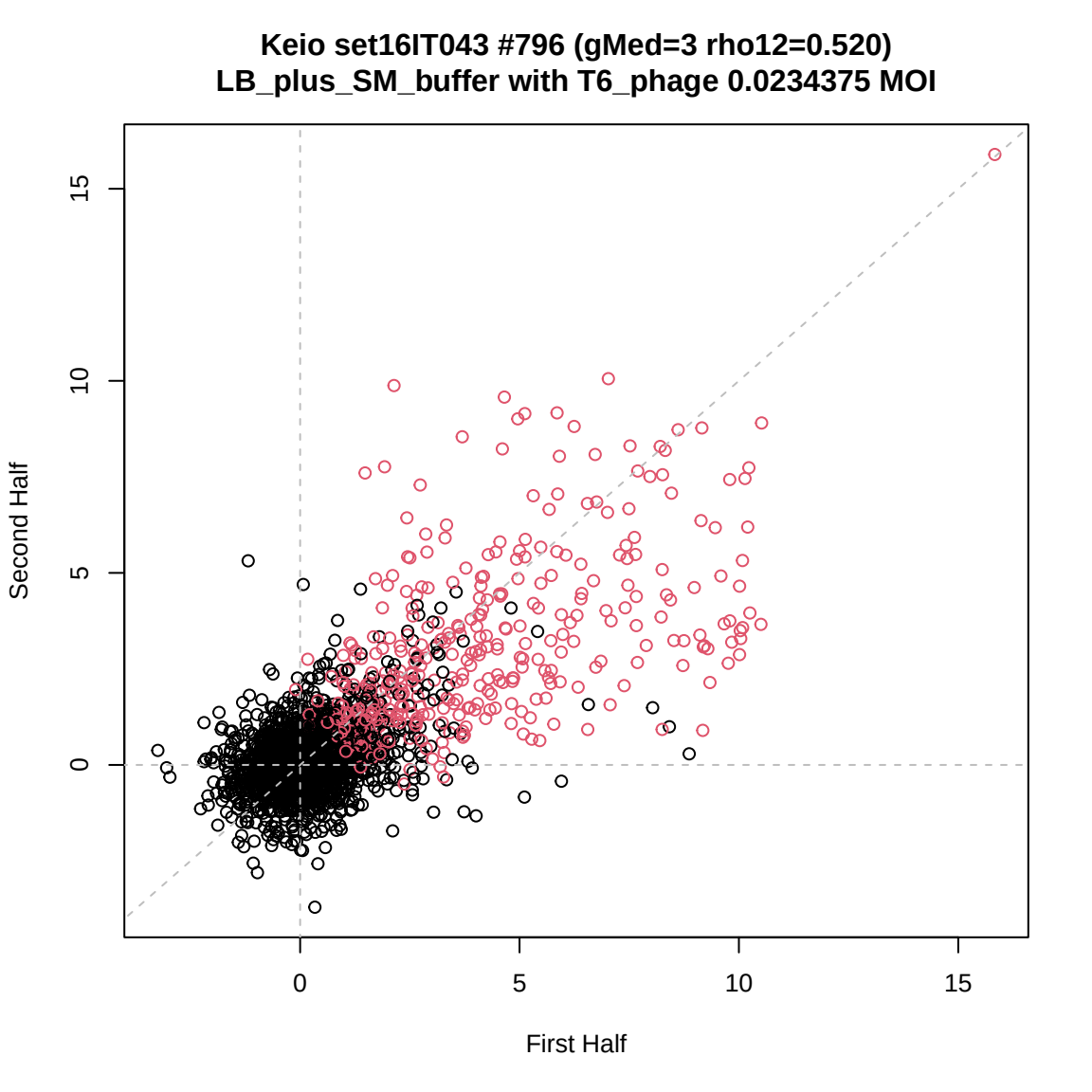

Keio set16IT038 #791 (gMed=0 rho12=0.501)
LB_plus_SM_buffer with T6_phage 2343.75 MOI
Second Half
First Half
0
5
10
15

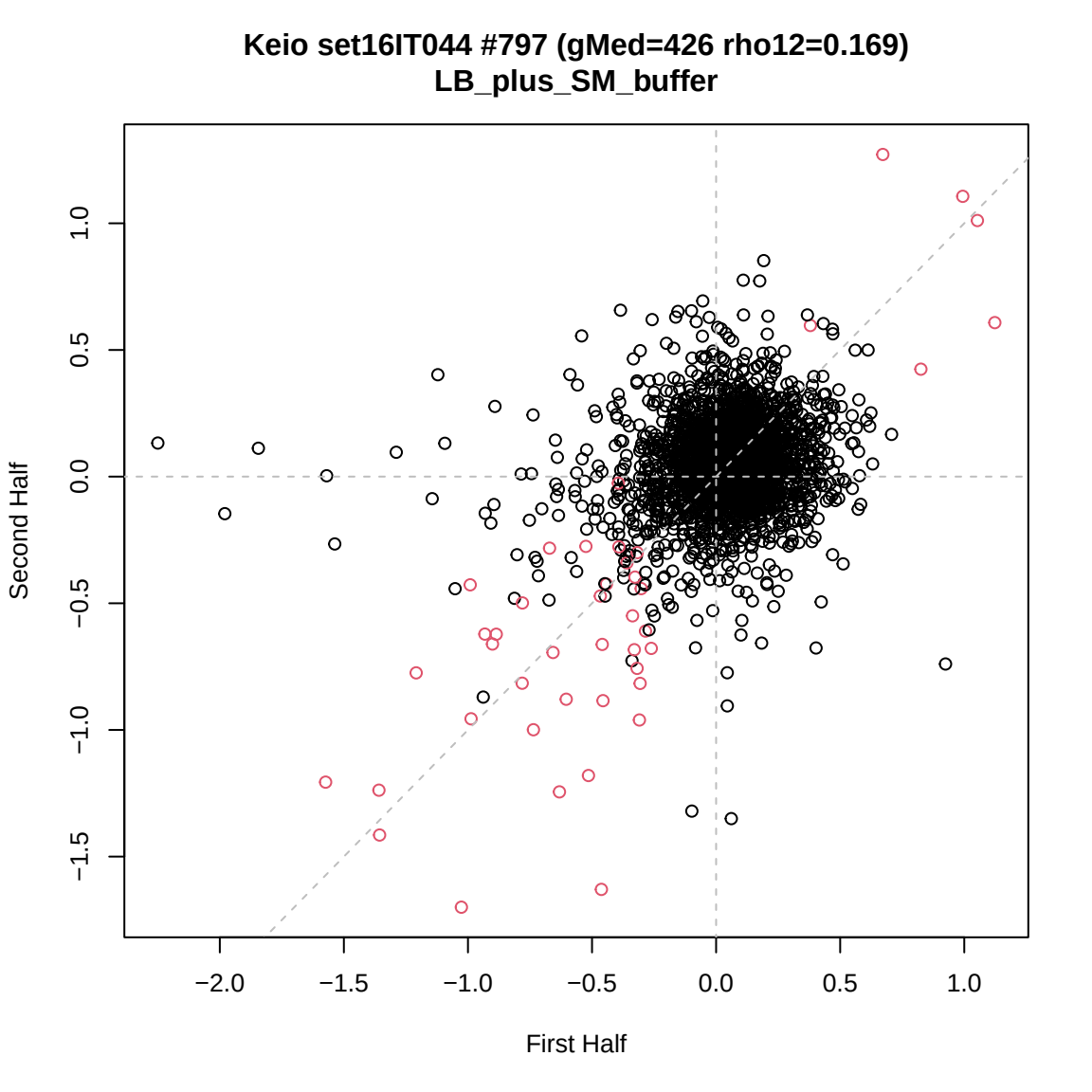

Keio set16IT039 #792 (gMed=0 rho12=0.495)
LB_plus_SM_buffer with T6_phage 234.375 MOI
Second Half
First Half
0
5
10
15

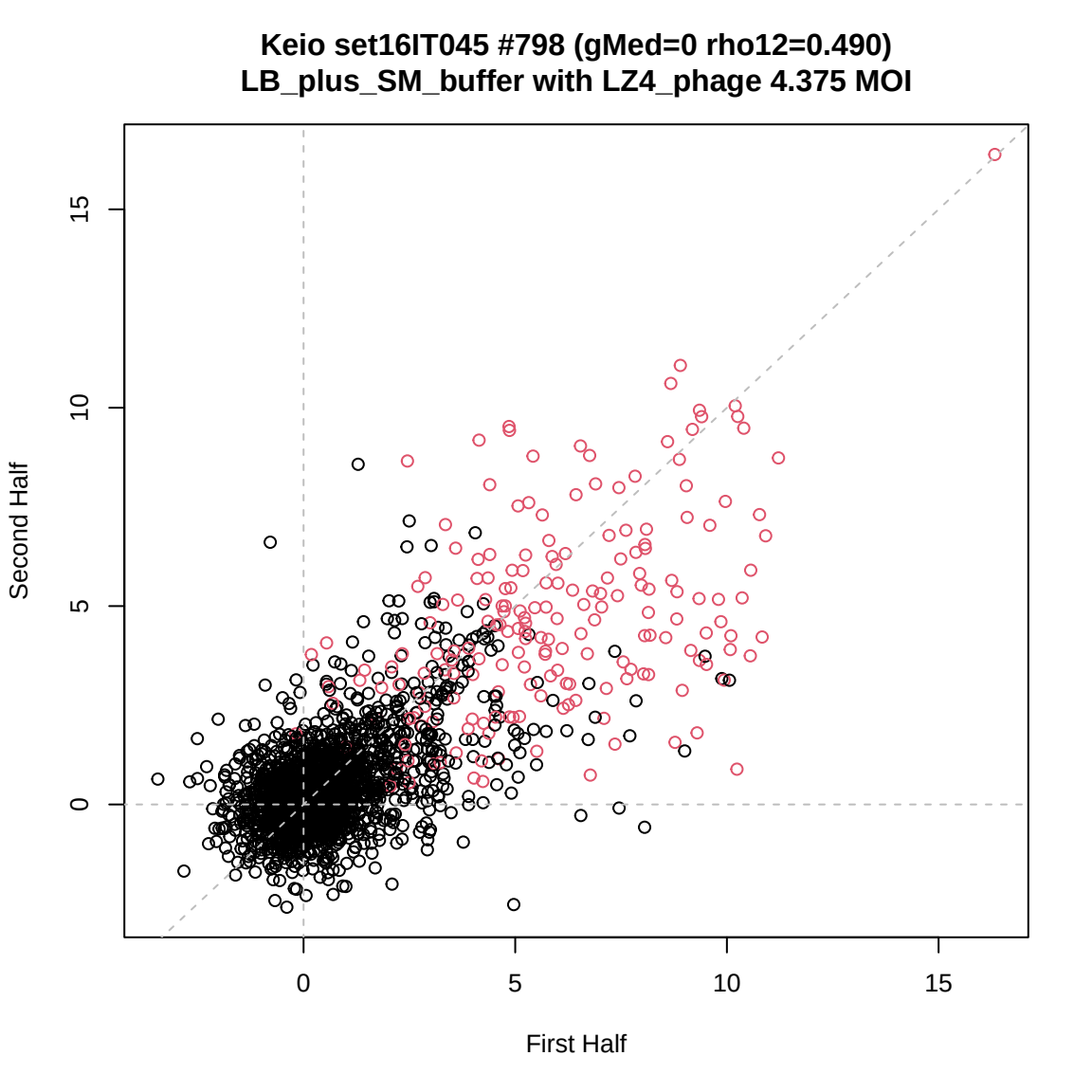

Keio set16IT040 #793 (gMed=1 rho12=0.497)
LB_plus_SM_buffer with T6_phage 23.4375 MOI
Second Half
First Half
0
5
10
15

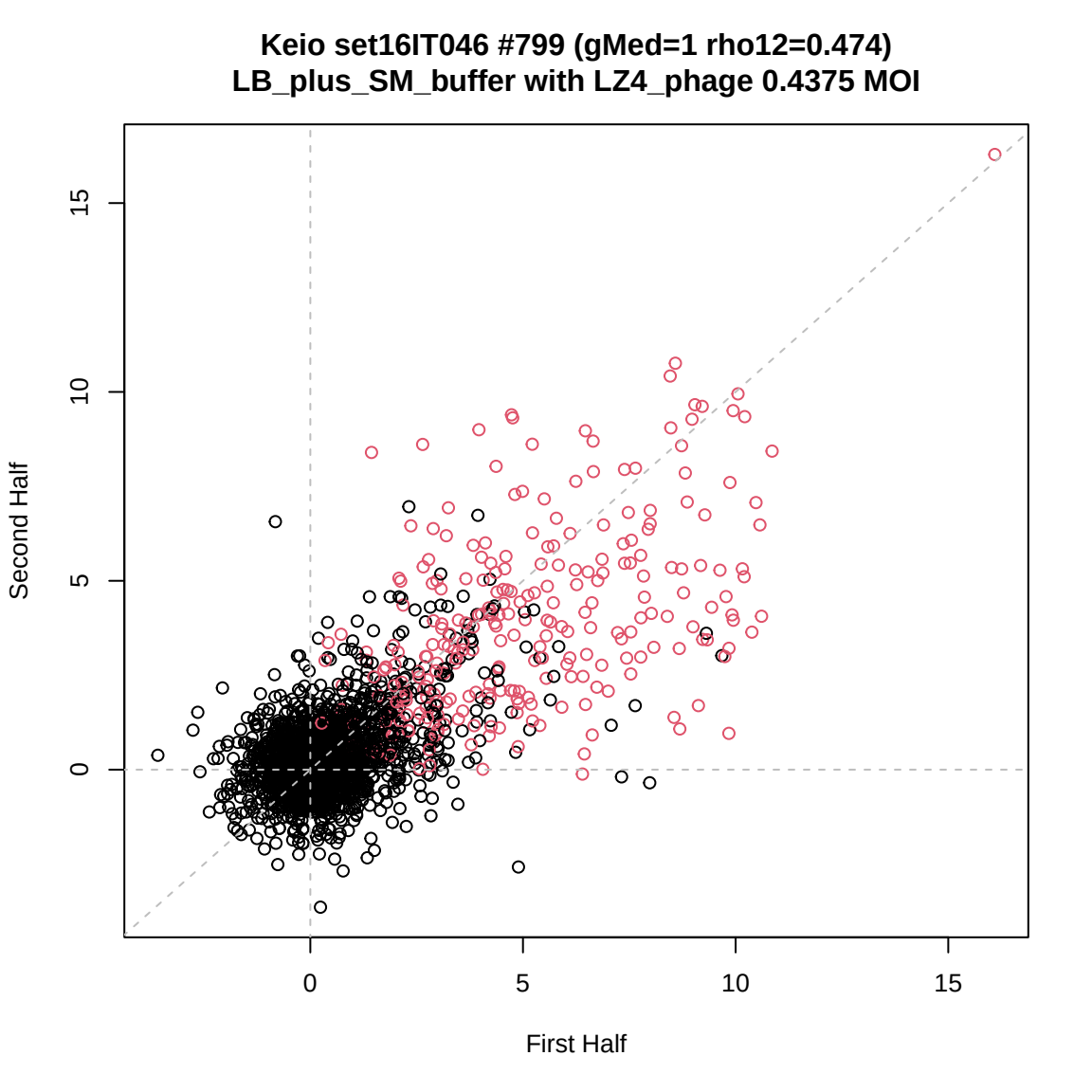

Keio set16IT041 #794 (gMed=0 rho12=0.494)
LB_plus_SM_buffer with T6_phage 2.34375 MOI
Second Half
First Half
0
5
10
15

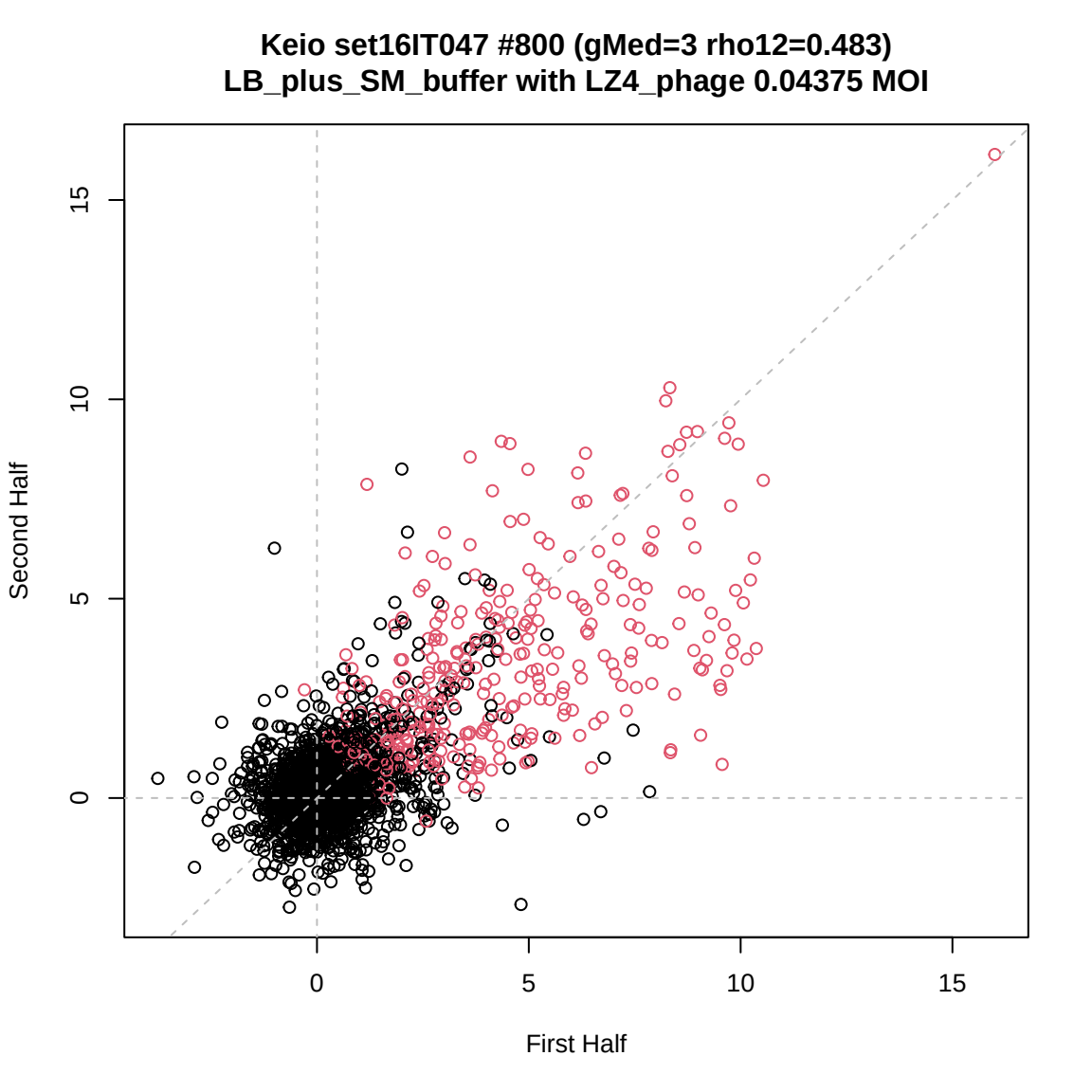

Keio set16IT042 #795 (gMed=2 rho12=0.515)
LB_plus_SM_buffer with T6_phage 0.234375 MOI
Second Half
First Half
0
5
10
15

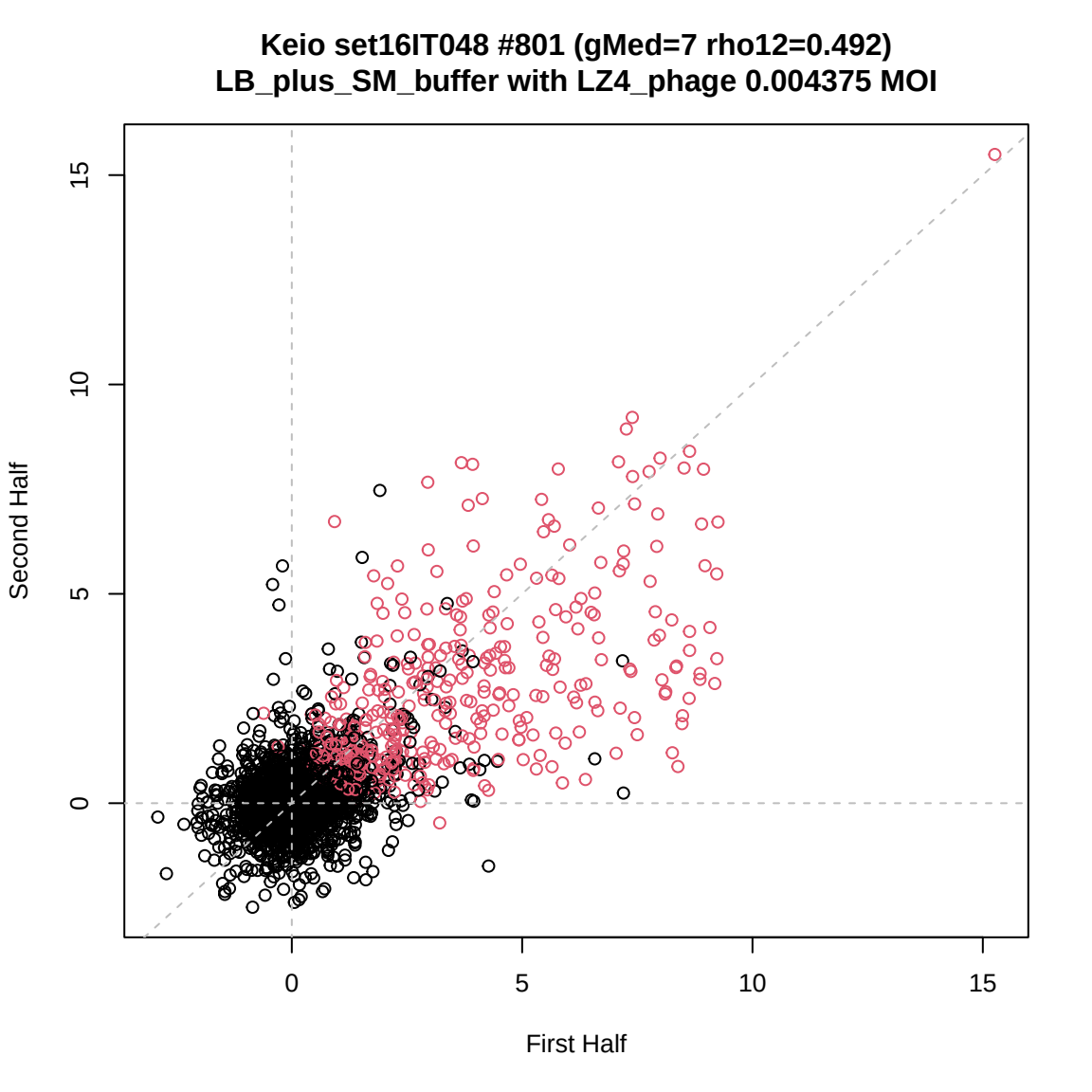

Keio set16IT043 #796 (gMed=3 rho12=0.520)
LB_plus_SM_buffer with T6_phage 0.0234375 MOI
Second Half
First Half
0
5
10
15

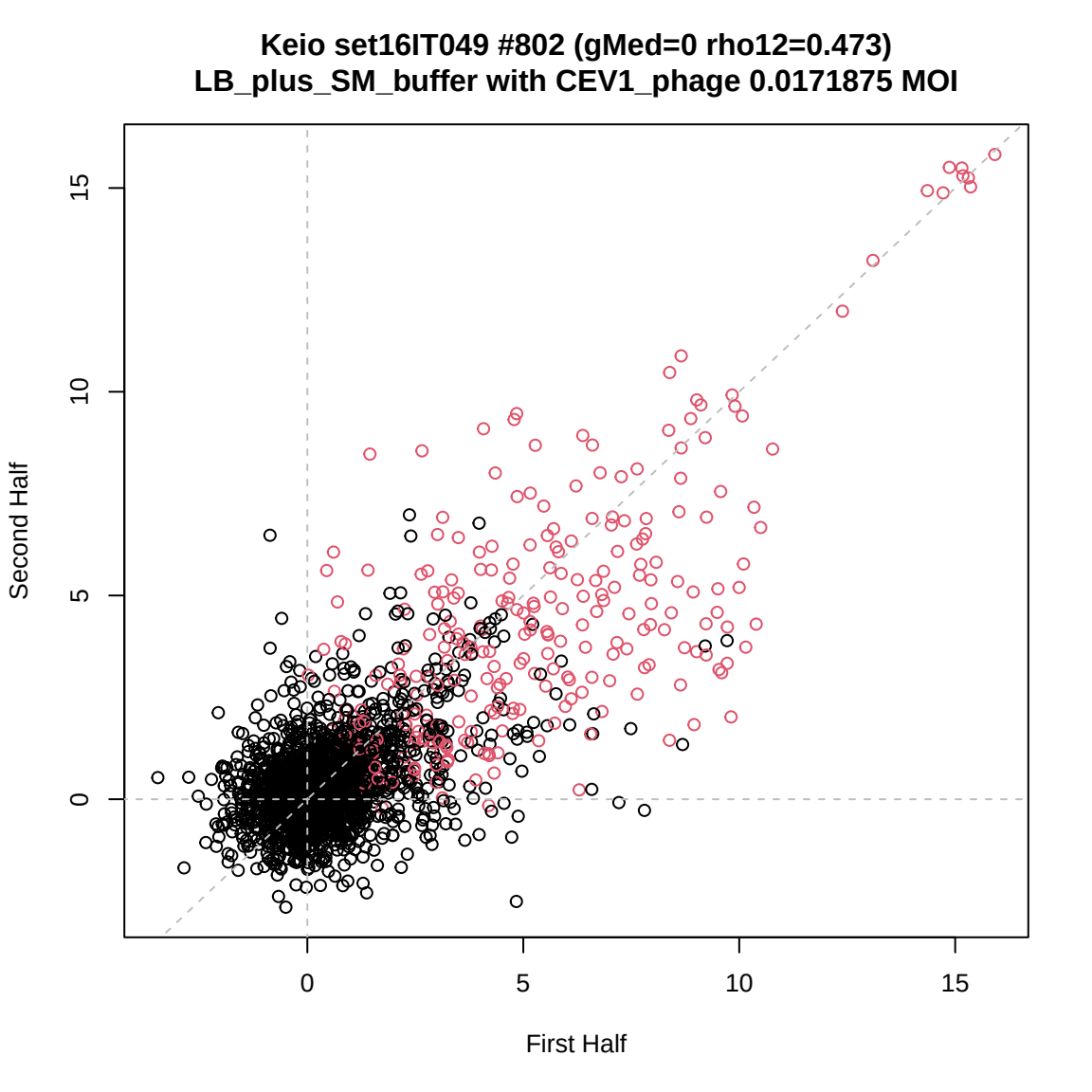

Keio set16IT044 #797 (gMed=426 rho12=0.169)
LB_plus_SM_buffer
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

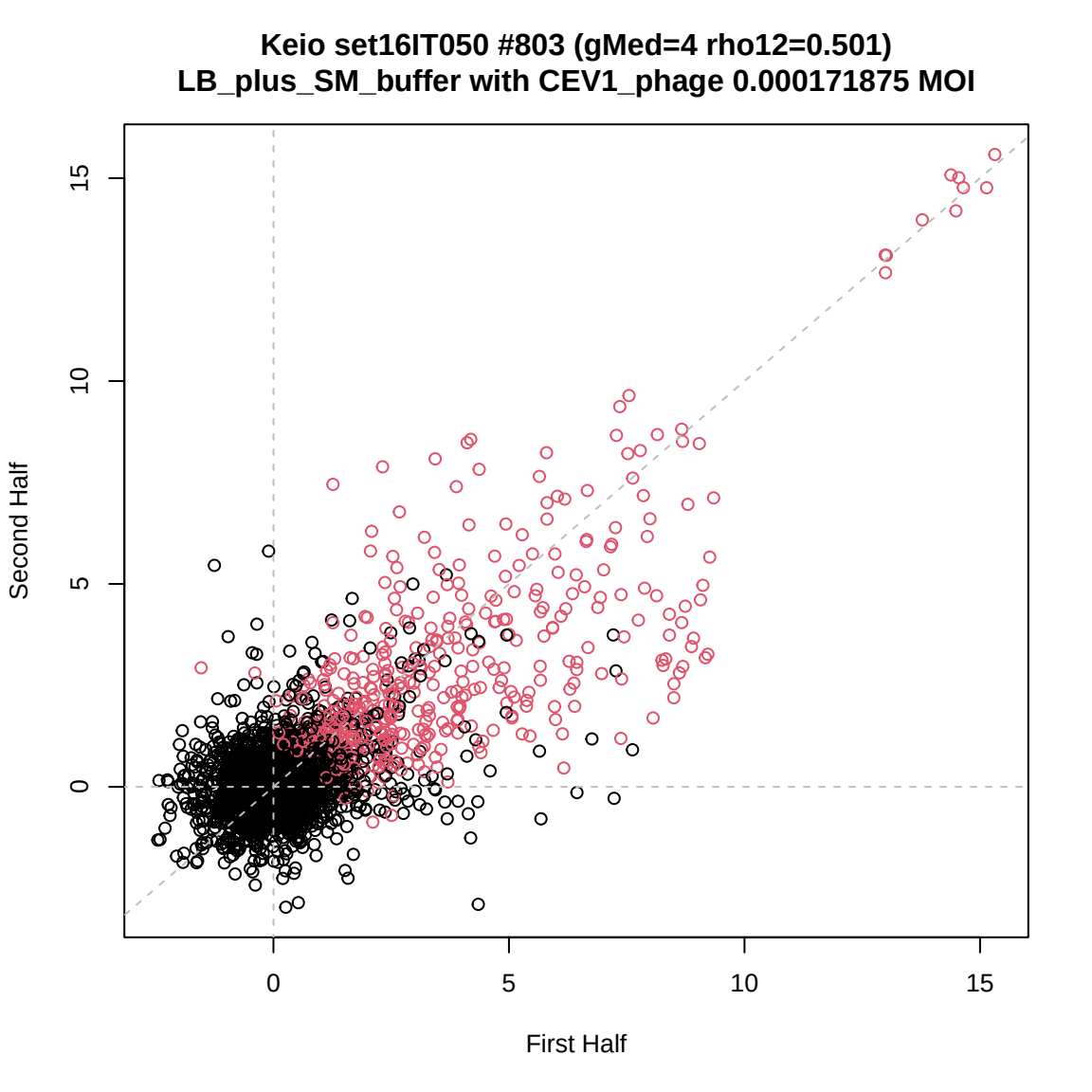

Keio set16IT045 #798 (gMed=0 rho12=0.490)
LB_plus_SM_buffer with LZ4_phage 4.375 MOI
Second Half
First Half
0
5
10
15

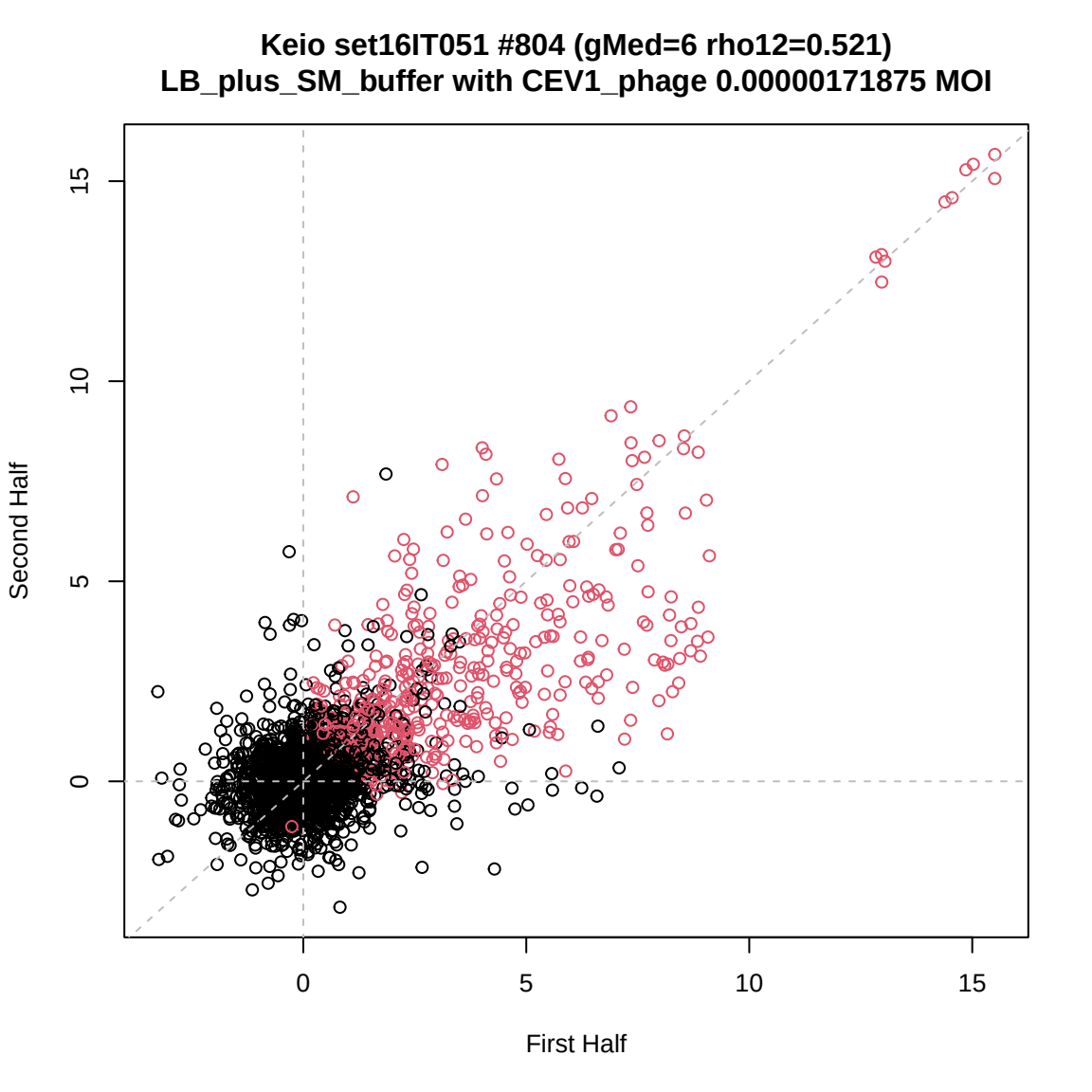

Keio set16IT046 #799 (gMed=1 rho12=0.474)
LB_plus_SM_buffer with LZ4_phage 0.4375 MOI
Second Half
First Half
0
5
10
15

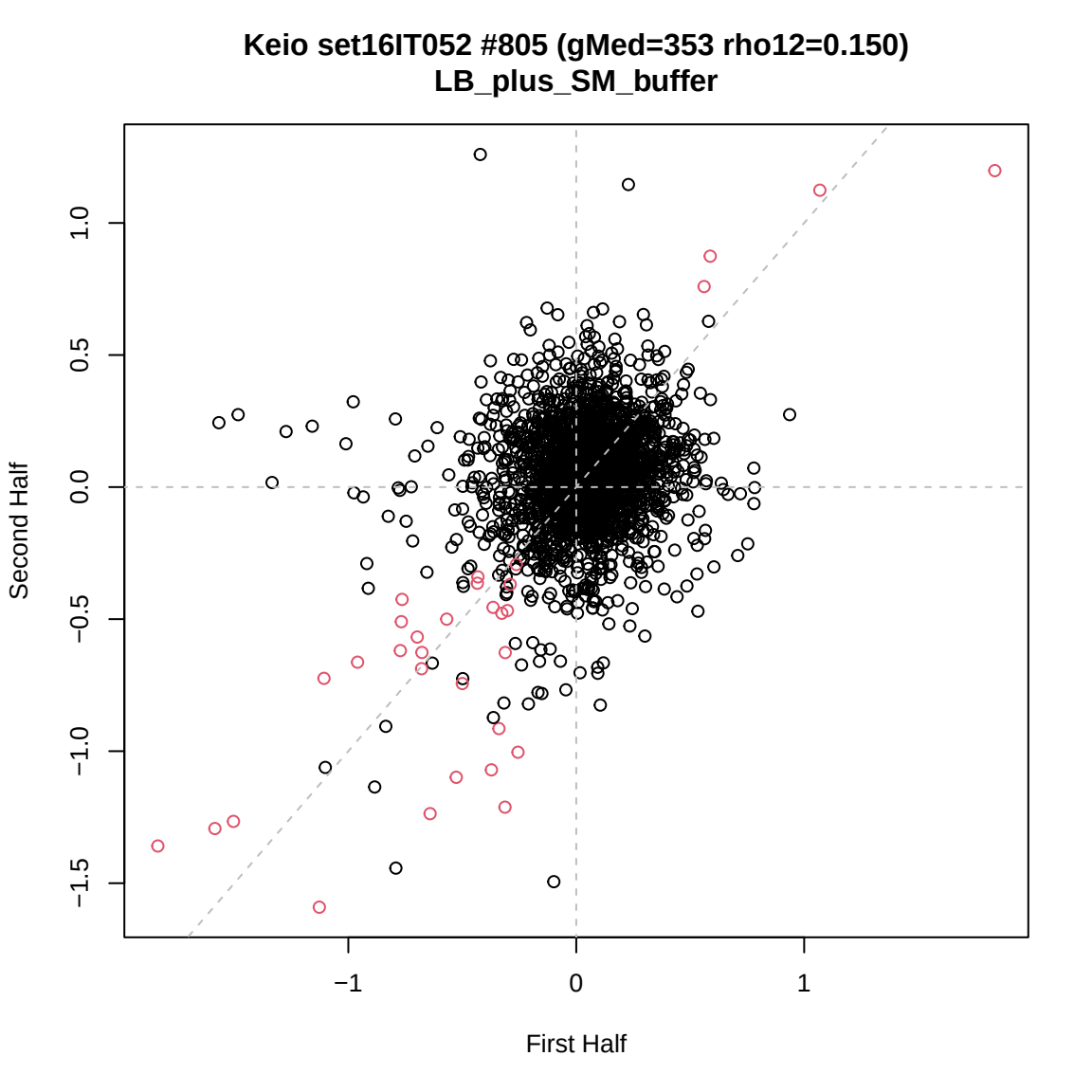

Keio set16IT047 #800 (gMed=3 rho12=0.483)
LB_plus_SM_buffer with LZ4_phage 0.04375 MOI
Second Half
First Half
0
5
10
15

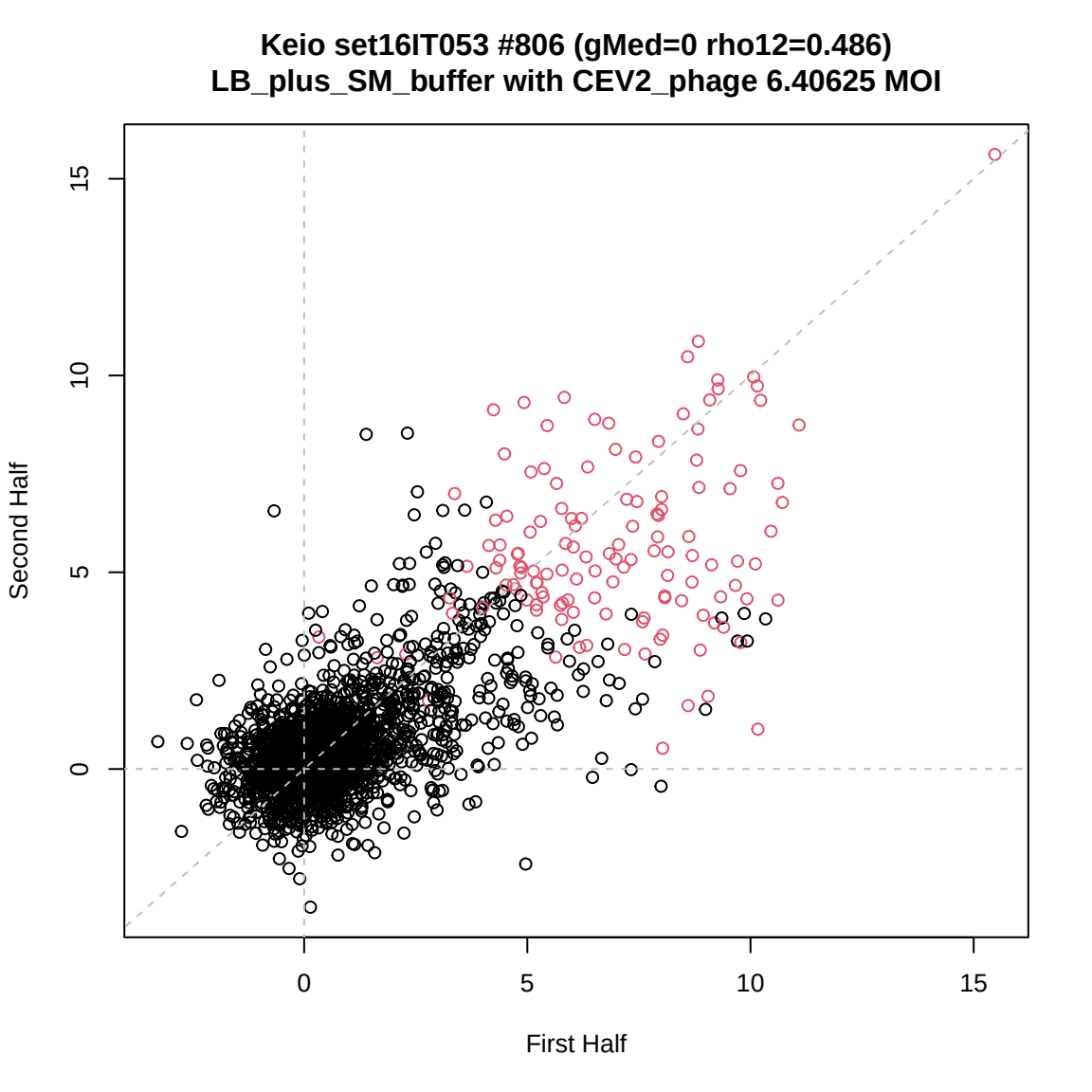

Keio set16IT048 #801 (gMed=7 rho12=0.492)
LB_plus_SM_buffer with LZ4_phage 0.004375 MOI
Second Half
First Half
0
5
10
15

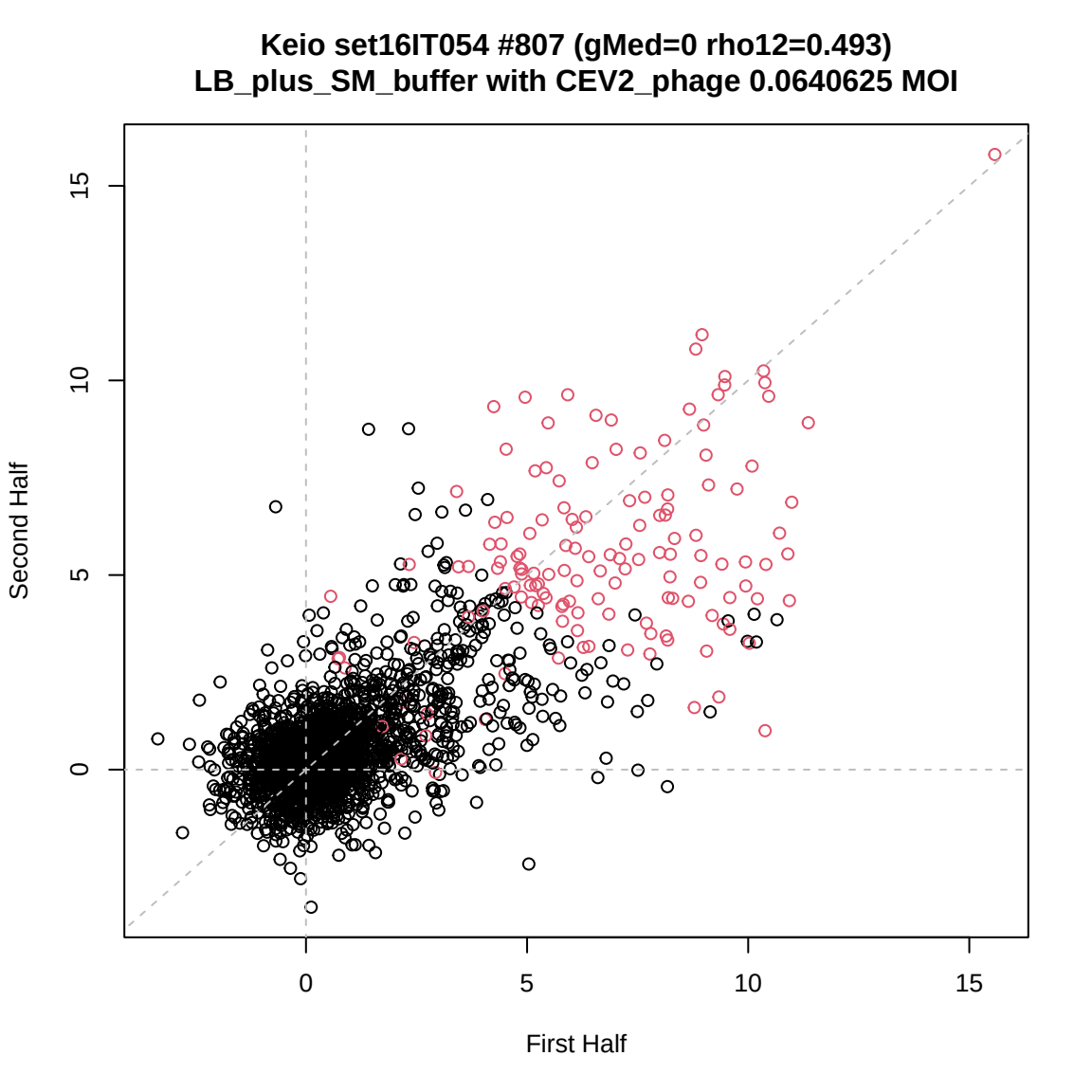

Keio set16IT049 #802 (gMed=0 rho12=0.473)
LB_plus_SM_buffer with CEV1_phage 0.0171875 MOI
Second Half
First Half
0
5
10
15

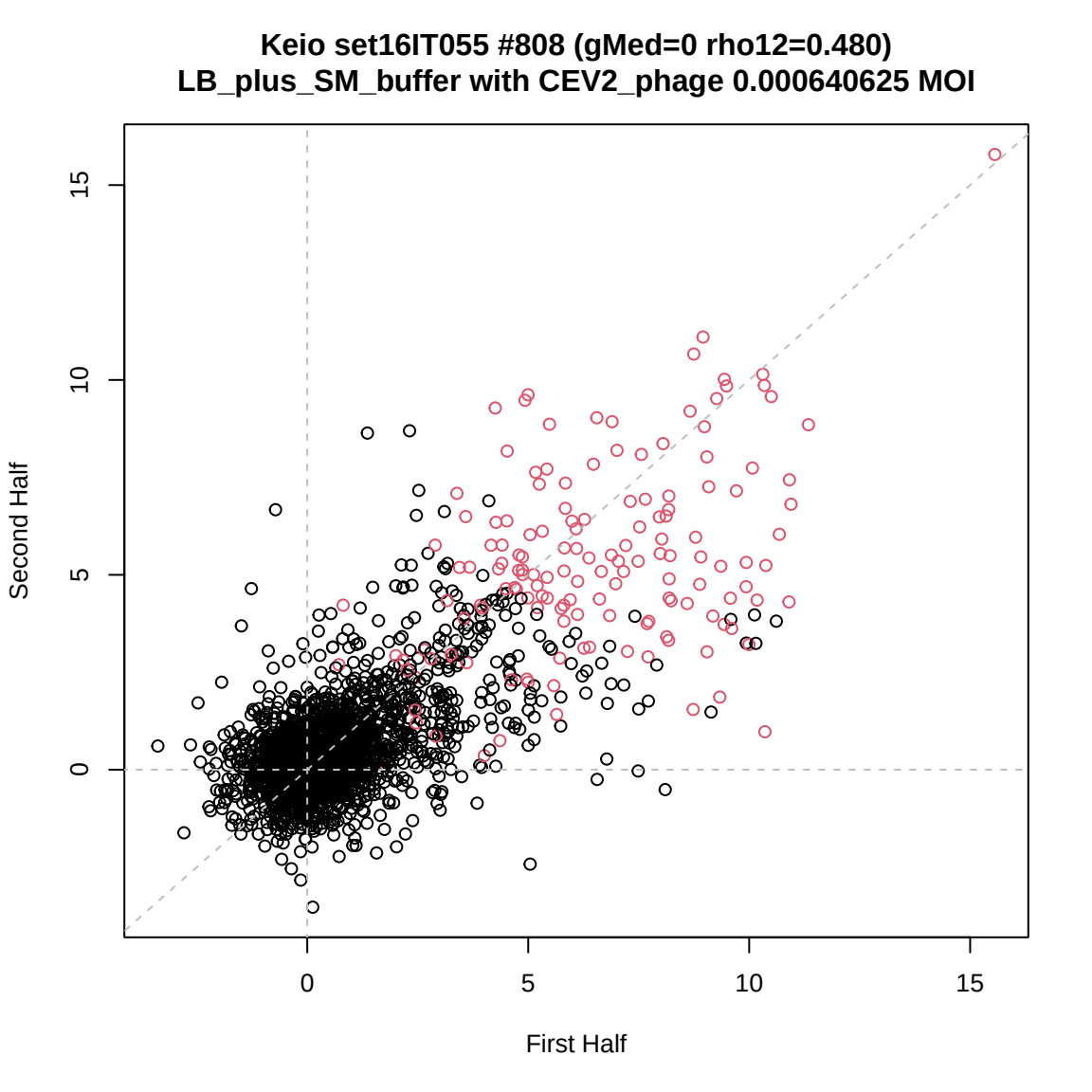

Keio set16IT050 #803 (gMed=4 rho12=0.501)
LB_plus_SM_buffer with CEV1_phage 0.000171875 MOI
Second Half
First Half
0
5
10
15

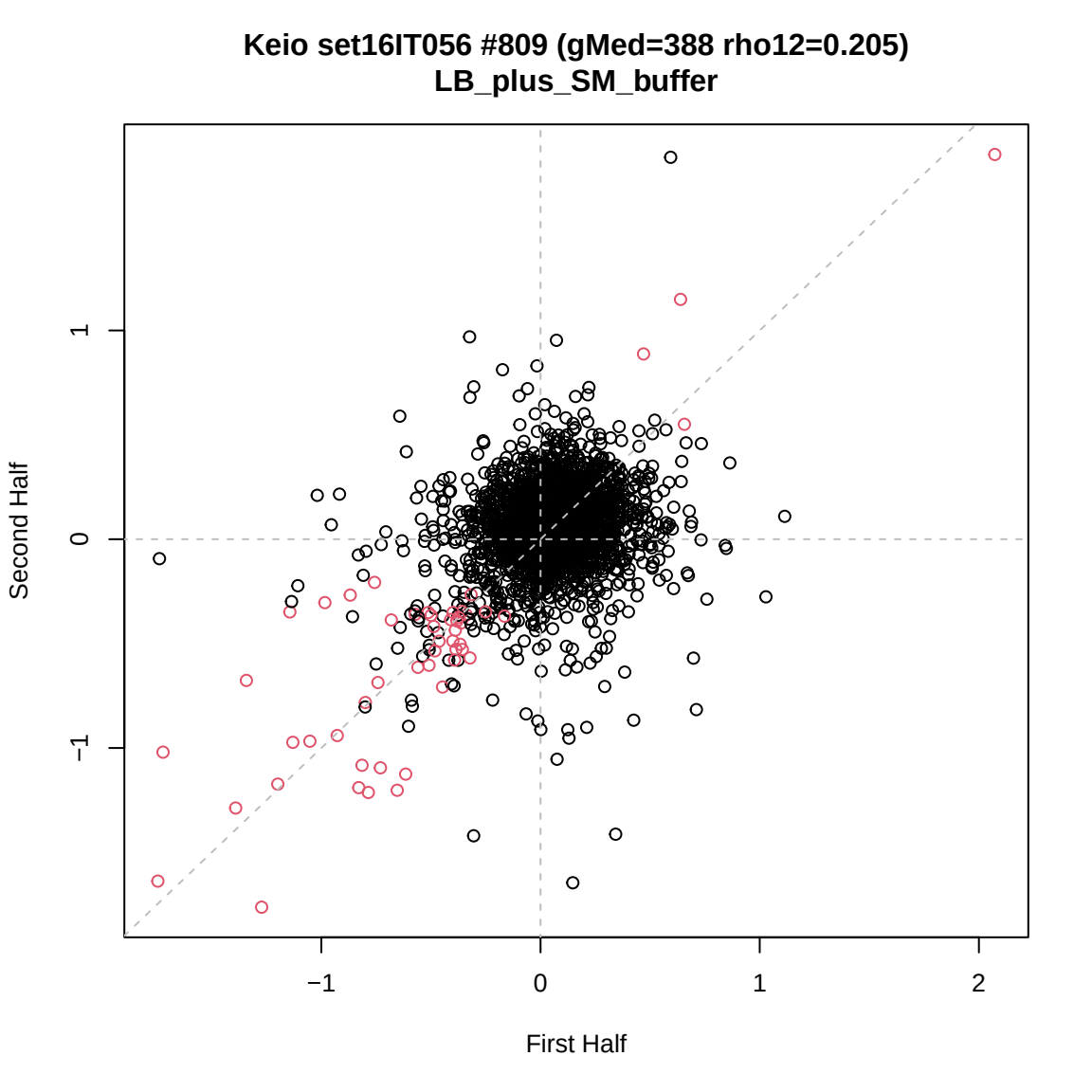

Keio set16IT051 #804 (gMed=6 rho12=0.521)
LB_plus_SM_buffer with CEV1_phage 0.00000171875 MOI
Second Half
First Half
0
5
10
15

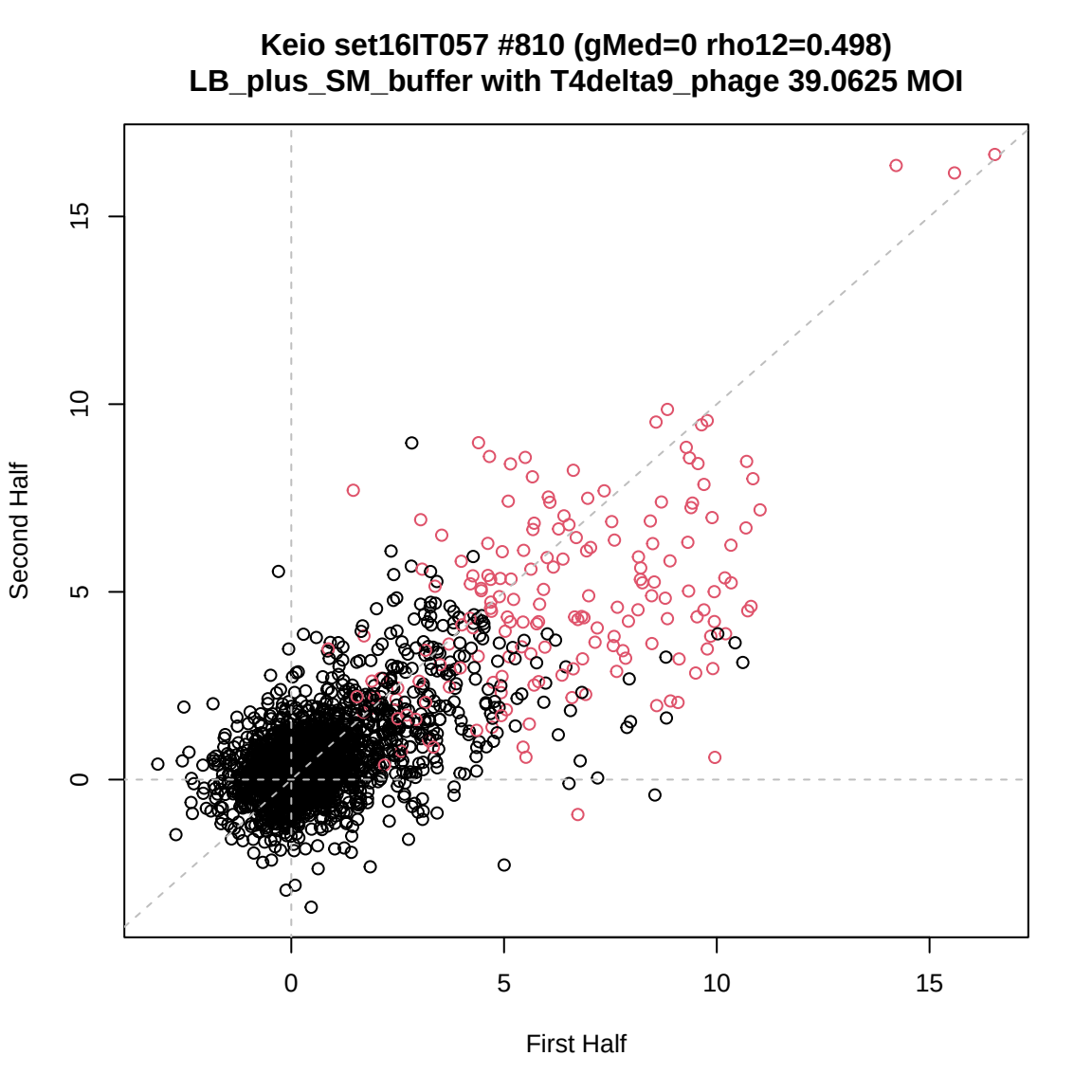

Keio set16IT052 #805 (gMed=353 rho12=0.150)
LB_plus_SM_buffer
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1
0
1

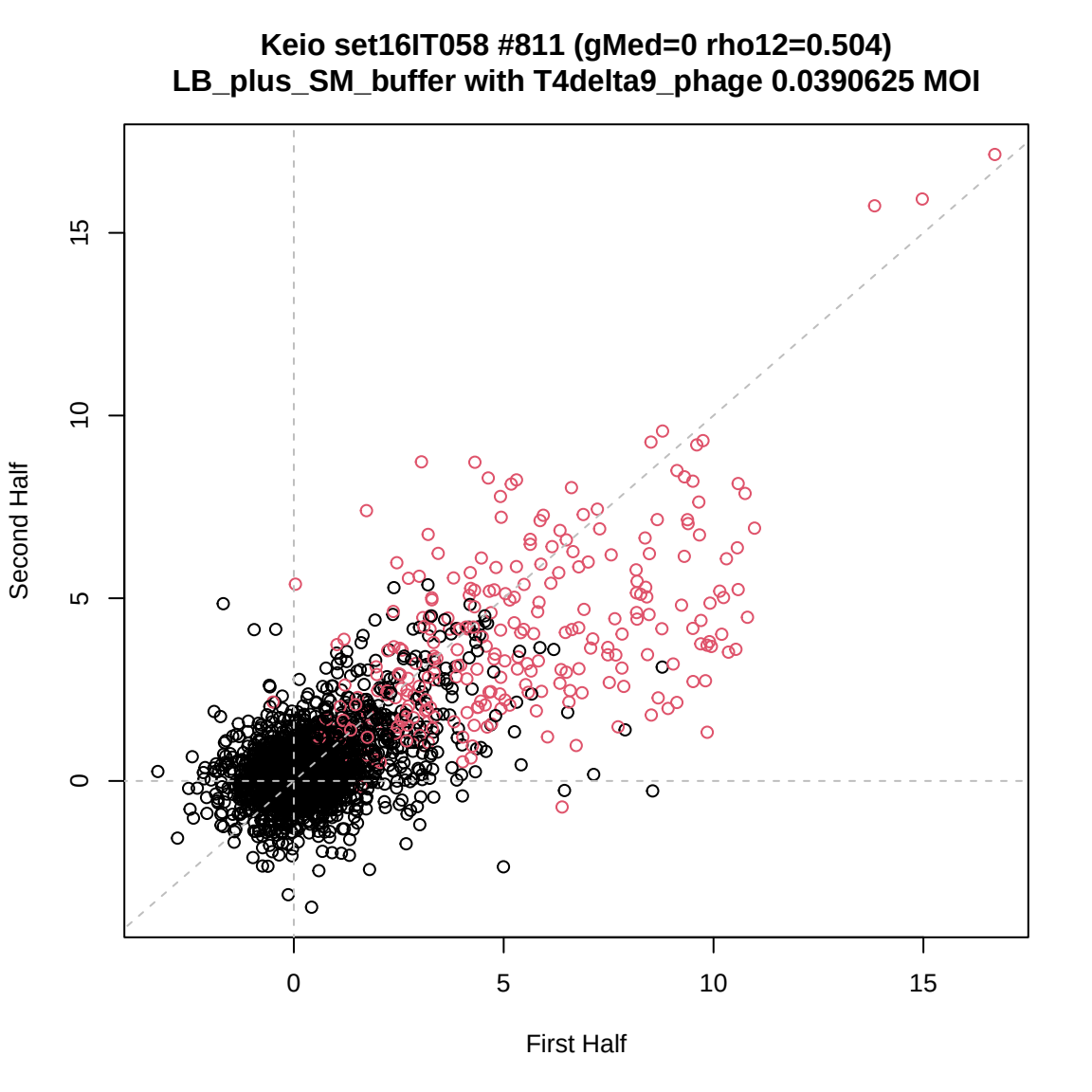

Keio set16IT053 #806 (gMed=0 rho12=0.486)
LB_plus_SM_buffer with CEV2_phage 6.40625 MOI
Second Half
First Half
0
5
10
15

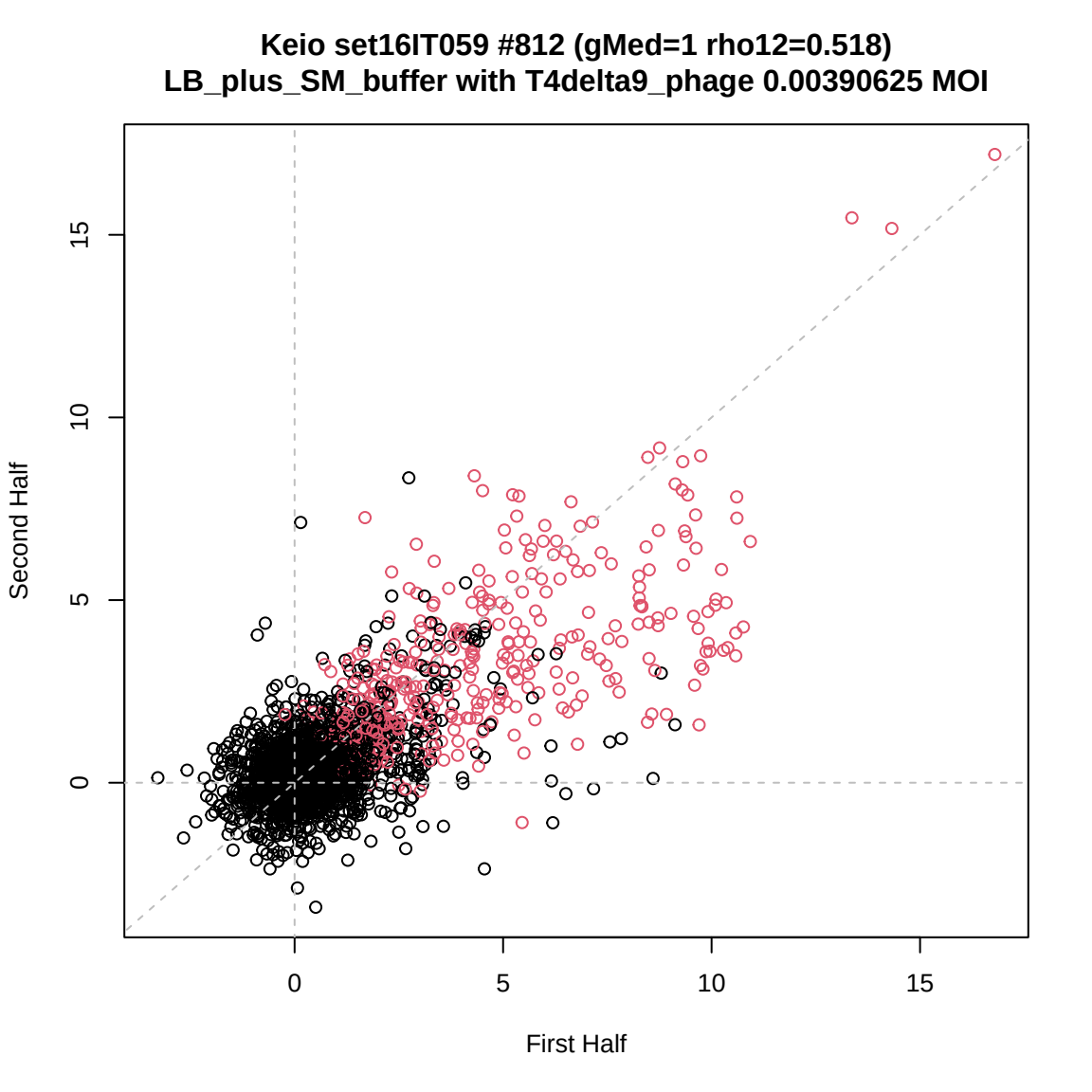

Keio set16IT054 #807 (gMed=0 rho12=0.493)
LB_plus_SM_buffer with CEV2_phage 0.0640625 MOI
Second Half
First Half
0
5
10
15

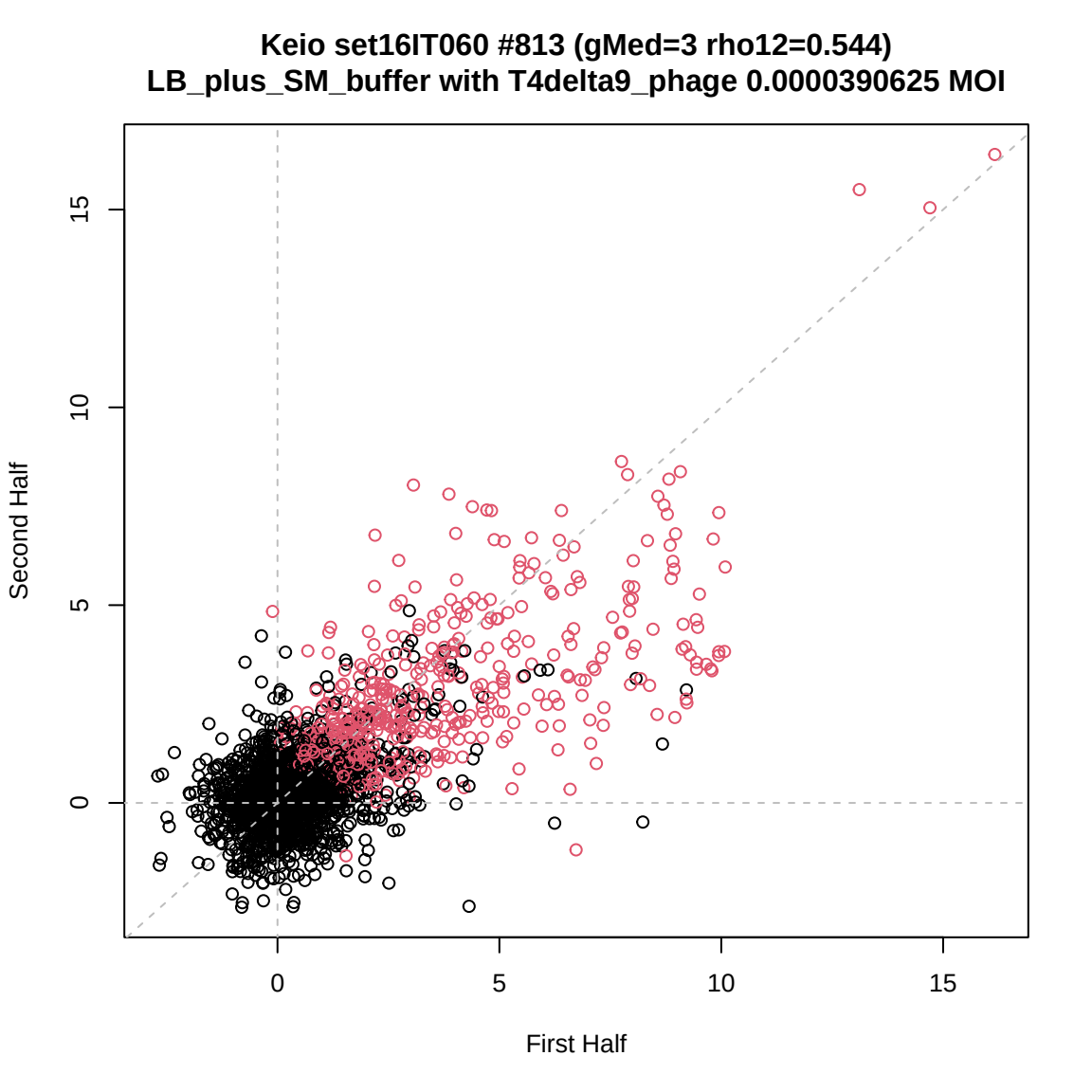

Keio set16IT055 #808 (gMed=0 rho12=0.480)
LB_plus_SM_buffer with CEV2_phage 0.000640625 MOI
Second Half
First Half
0
5
10
15

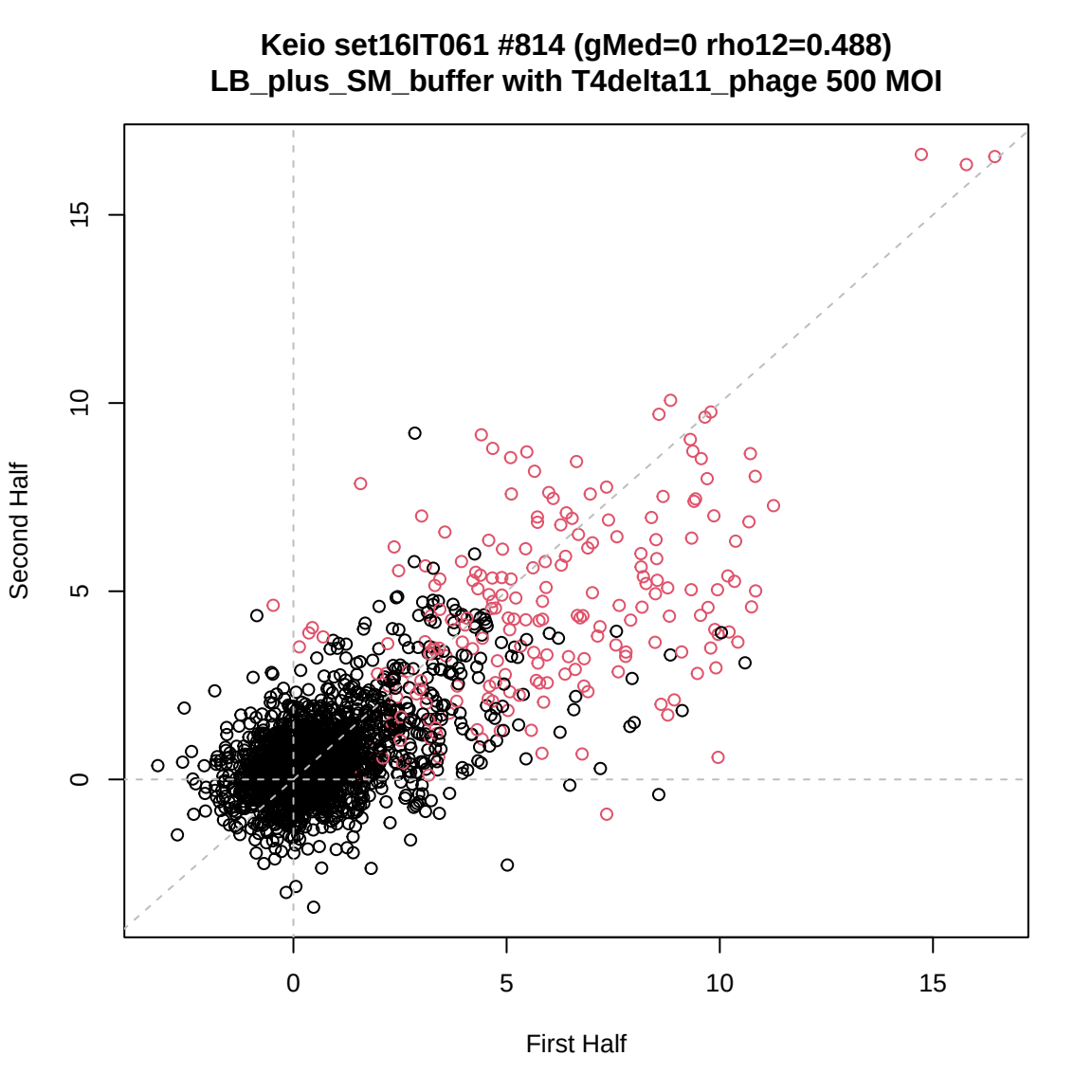

Keio set16IT056 #809 (gMed=388 rho12=0.205)
LB_plus_SM_buffer
Second Half
First Half
−1
0
1
2
−1
0
1

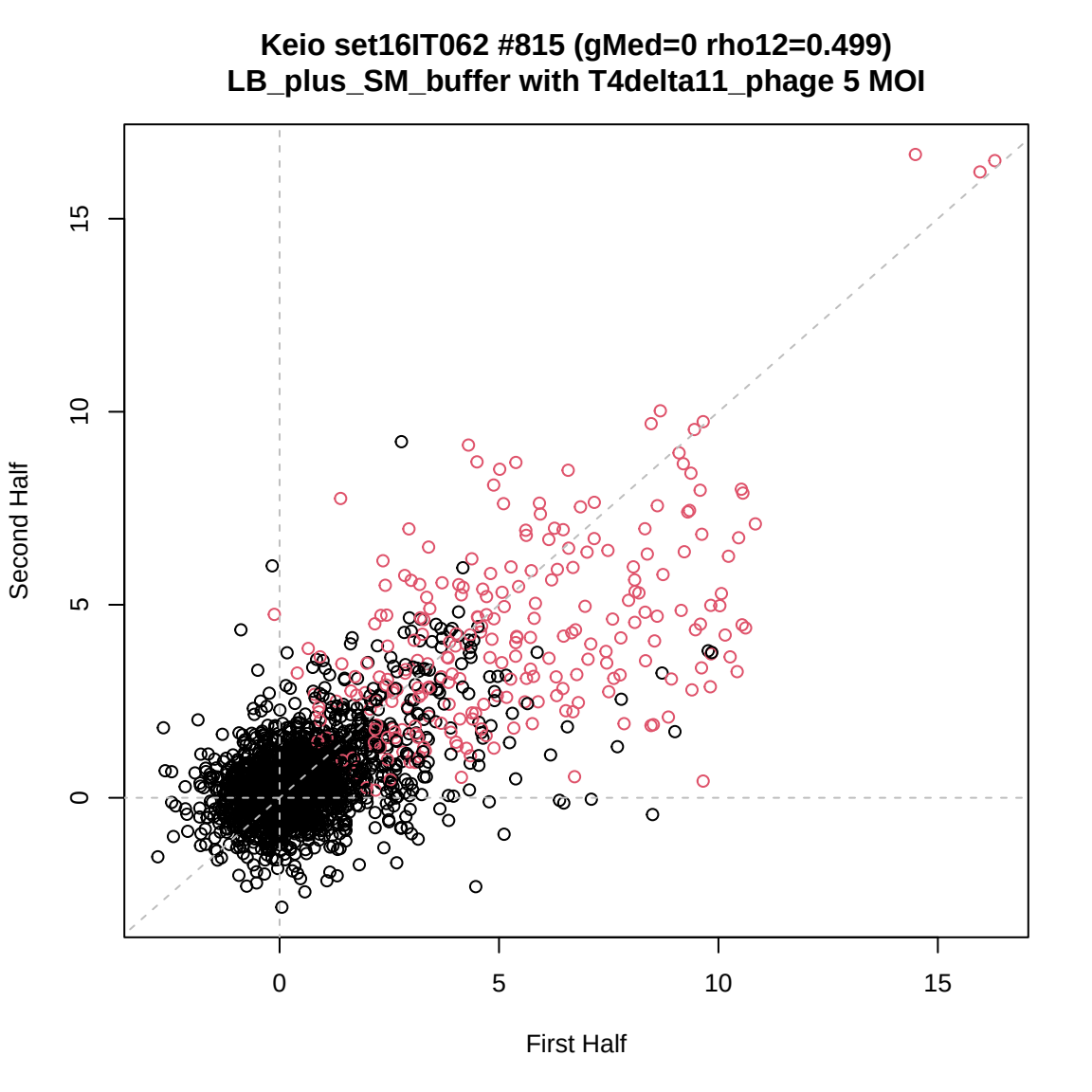

Keio set16IT057 #810 (gMed=0 rho12=0.498)
LB_plus_SM_buffer with T4delta9_phage 39.0625 MOI
Second Half
First Half
0
5
10
15

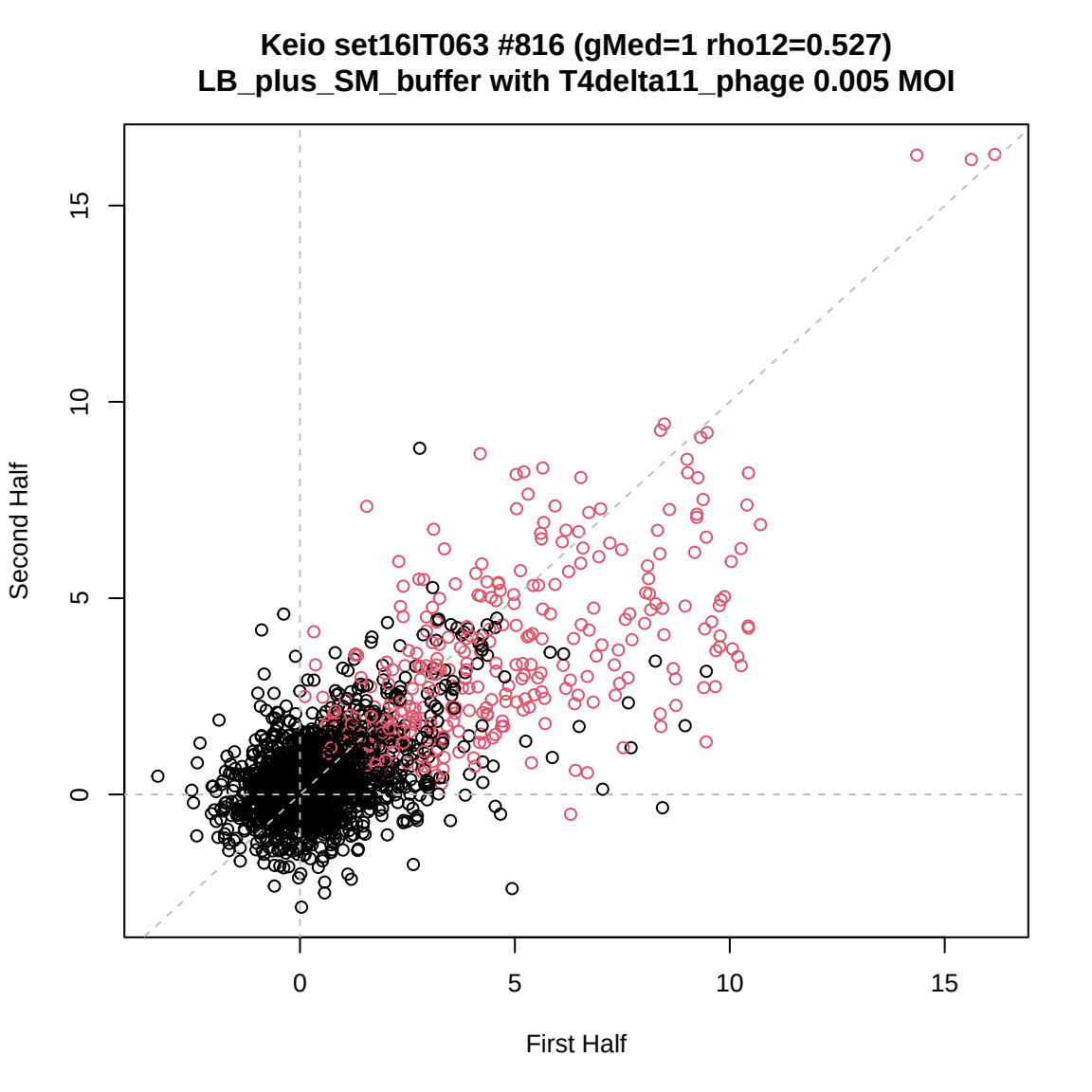

Keio set16IT058 #811 (gMed=0 rho12=0.504)
LB_plus_SM_buffer with T4delta9_phage 0.0390625 MOI
Second Half
First Half
0
5
10
15

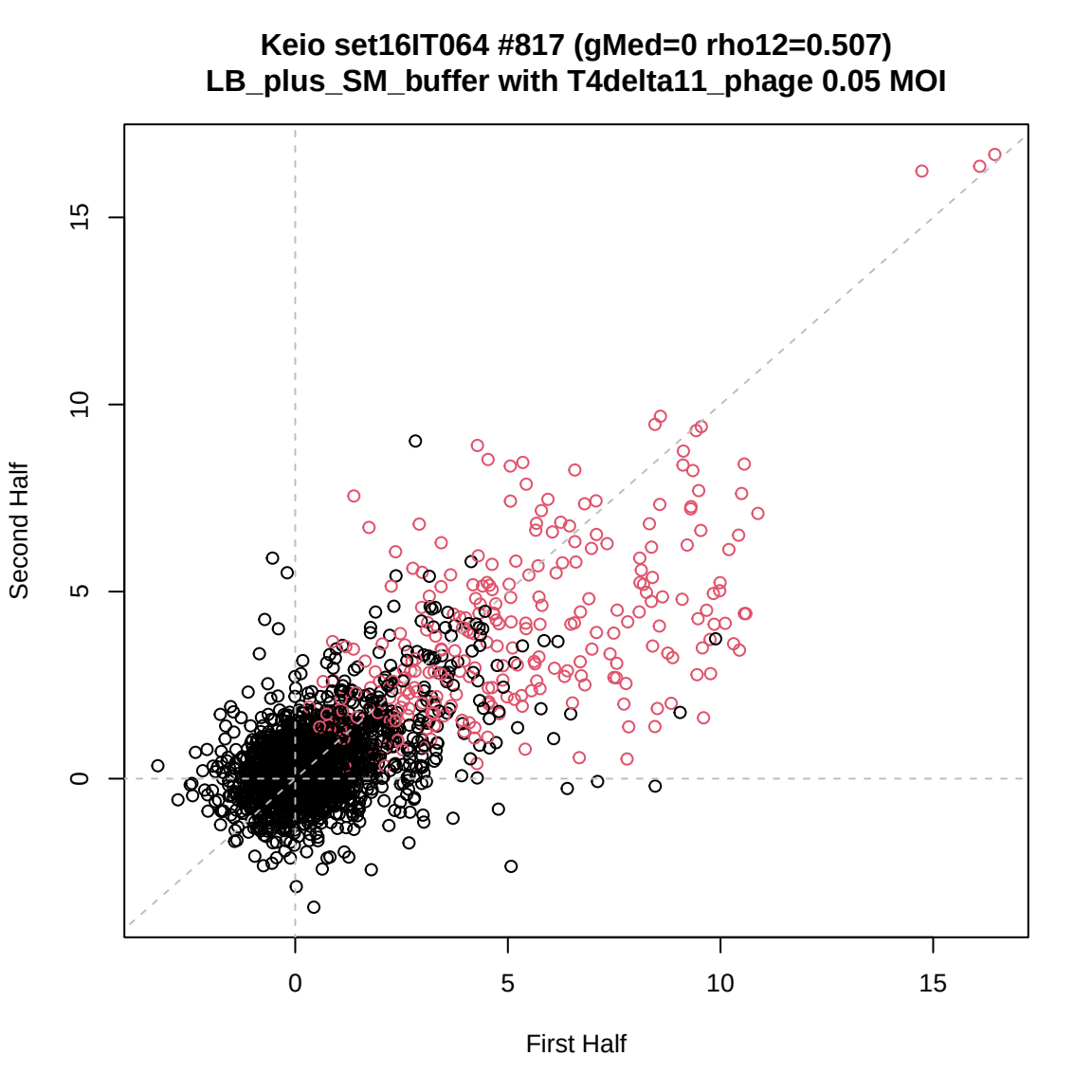

Keio set16IT059 #812 (gMed=1 rho12=0.518)
LB_plus_SM_buffer with T4delta9_phage 0.00390625 MOI
Second Half
First Half
0
5
10
15

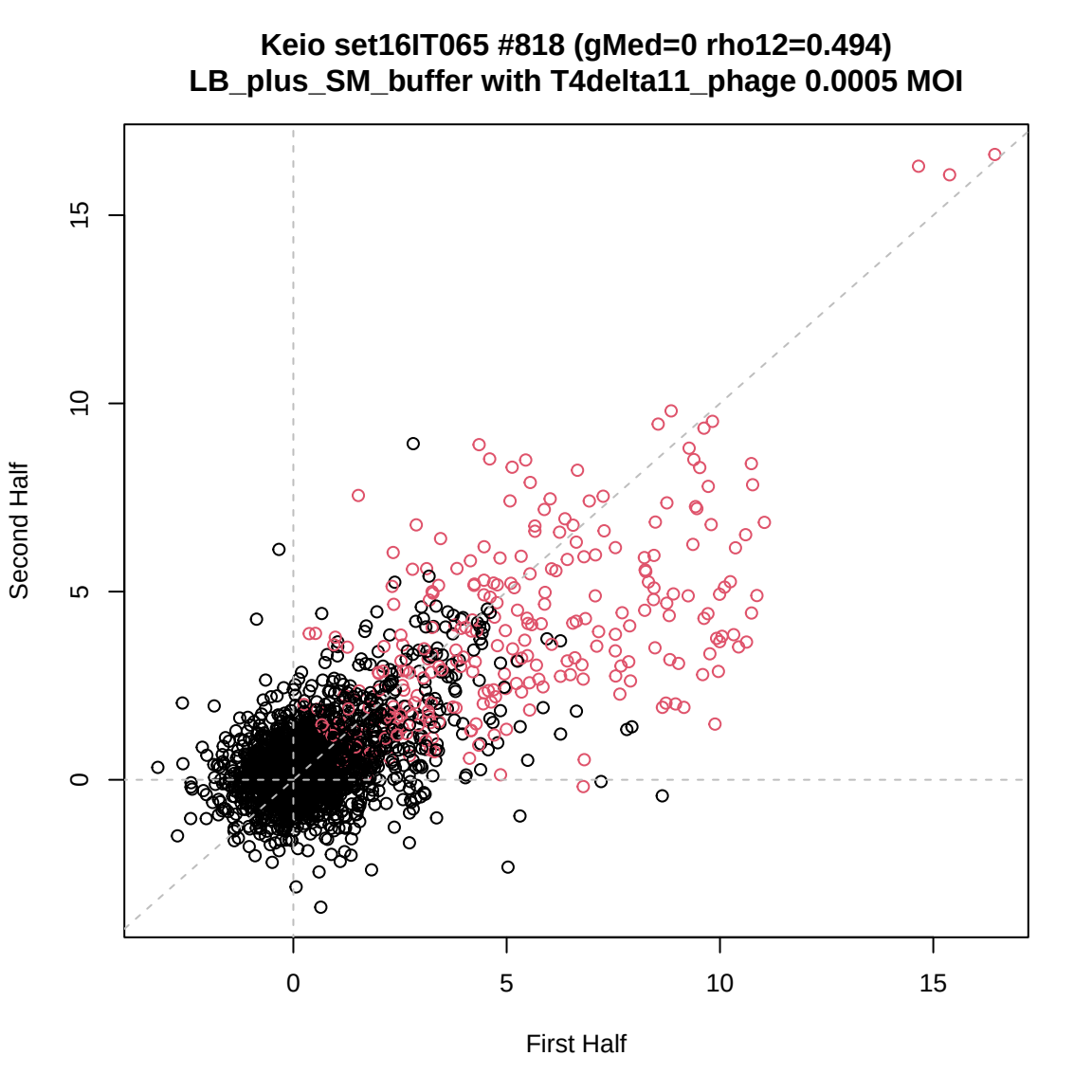

Keio set16IT060 #813 (gMed=3 rho12=0.544)
LB_plus_SM_buffer with T4delta9_phage 0.0000390625 MOI
Second Half
First Half
0
5
10
15

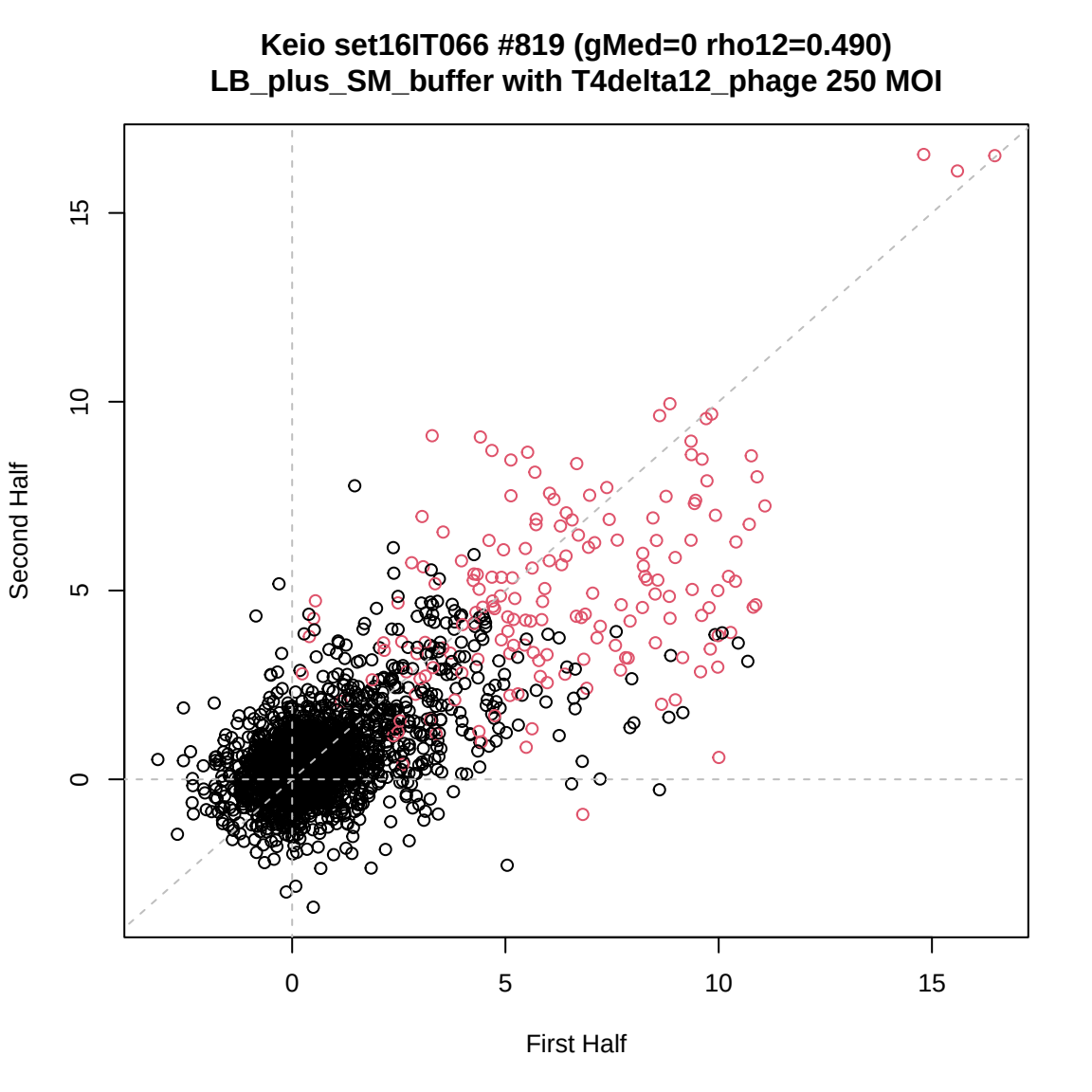

Keio set16IT061 #814 (gMed=0 rho12=0.488)
LB_plus_SM_buffer with T4delta11_phage 500 MOI
Second Half
First Half
0
5
10
15

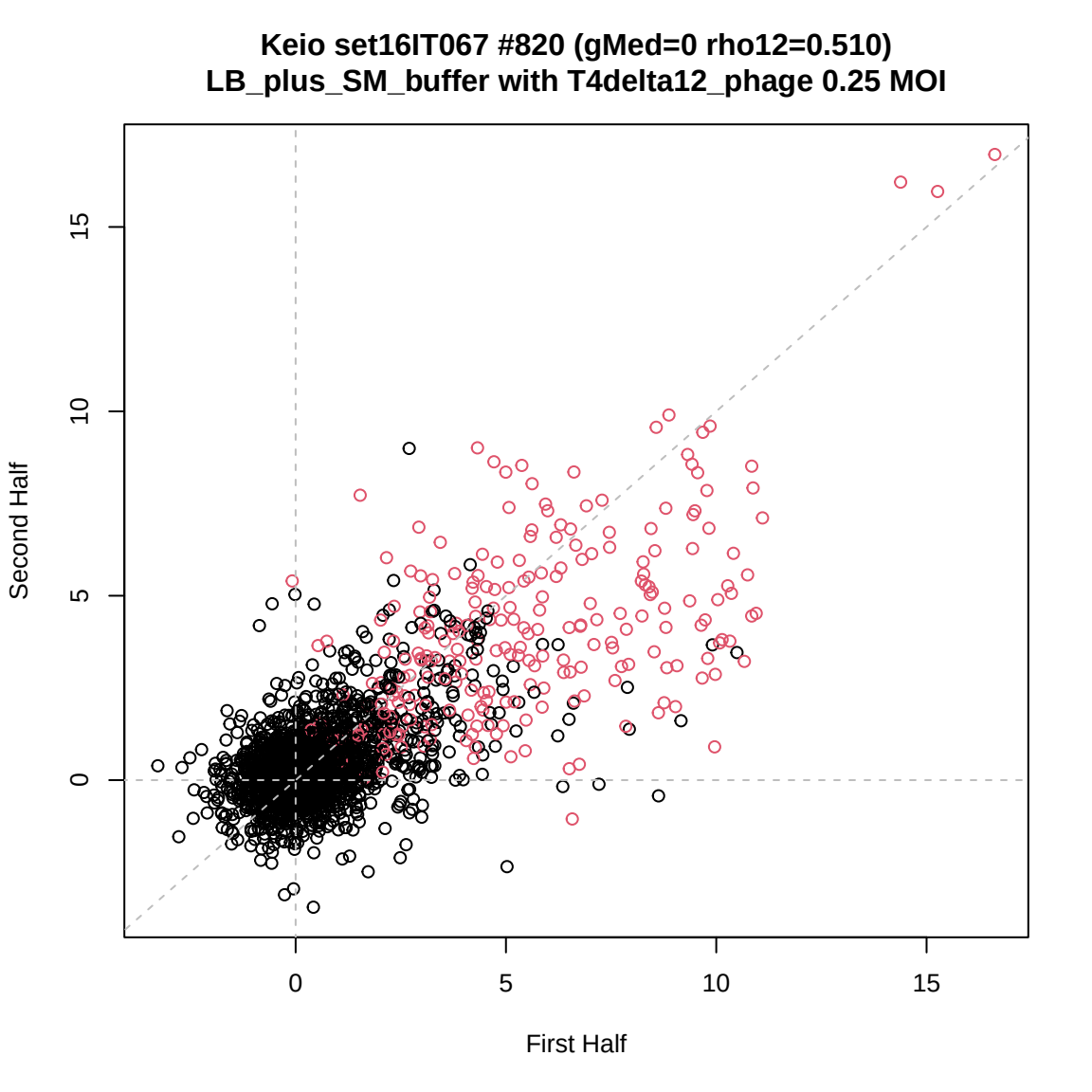

Keio set16IT062 #815 (gMed=0 rho12=0.499)
LB_plus_SM_buffer with T4delta11_phage 5 MOI
Second Half
First Half
0
5
10
15

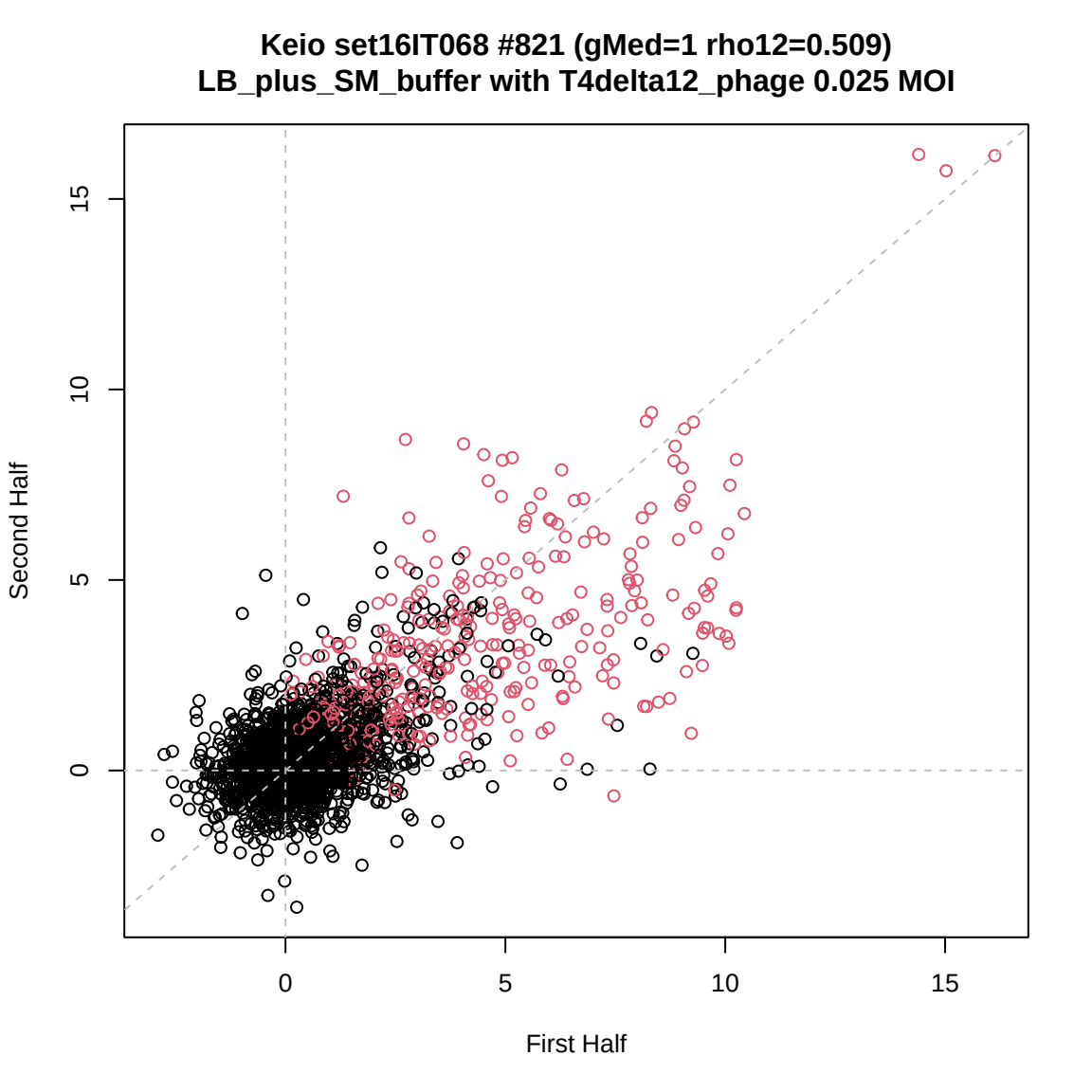

Keio set16IT063 #816 (gMed=1 rho12=0.527)
LB_plus_SM_buffer with T4delta11_phage 0.005 MOI
Second Half
First Half
0
5
10
15

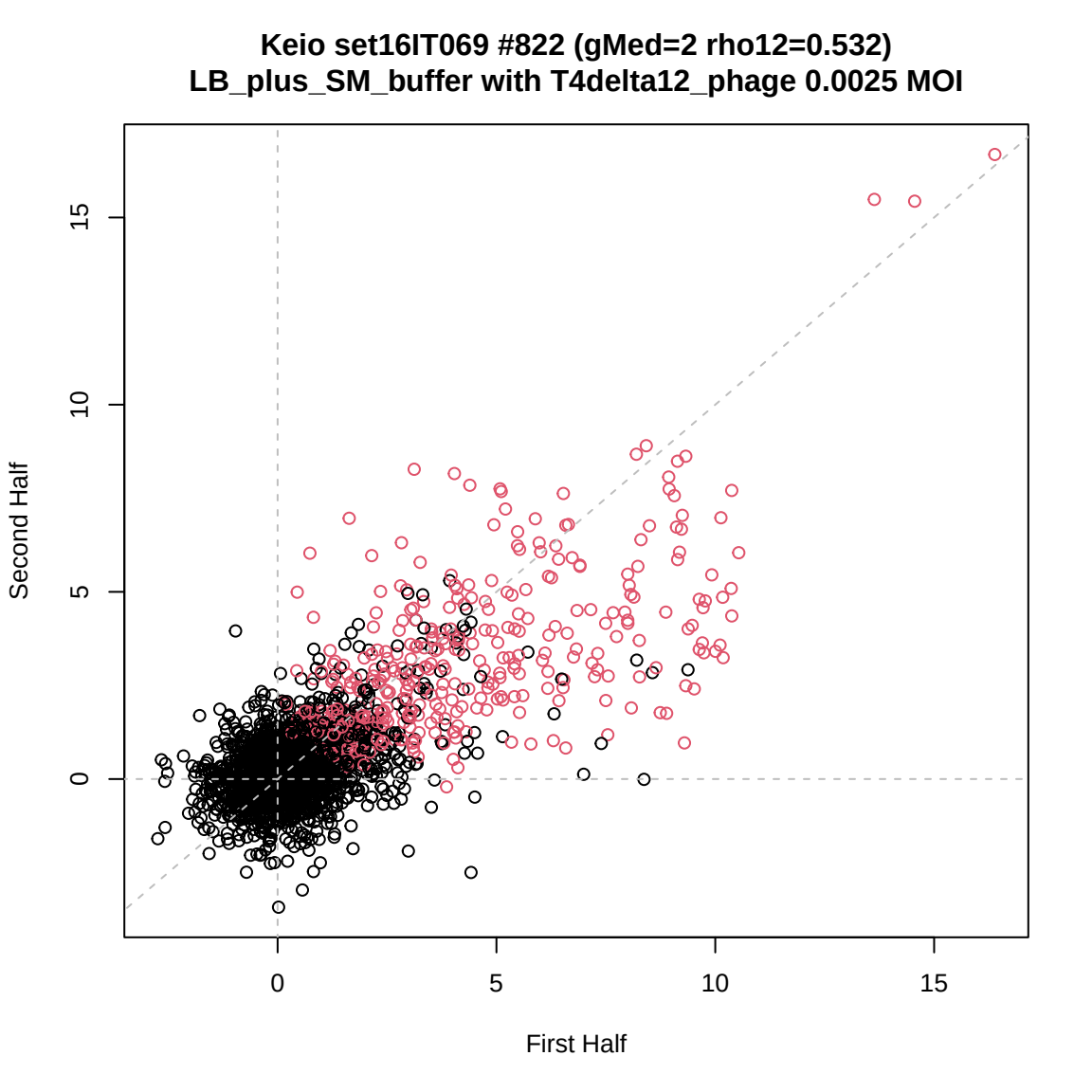

Keio set16IT064 #817 (gMed=0 rho12=0.507)
LB_plus_SM_buffer with T4delta11_phage 0.05 MOI
Second Half
First Half
0
5
10
15

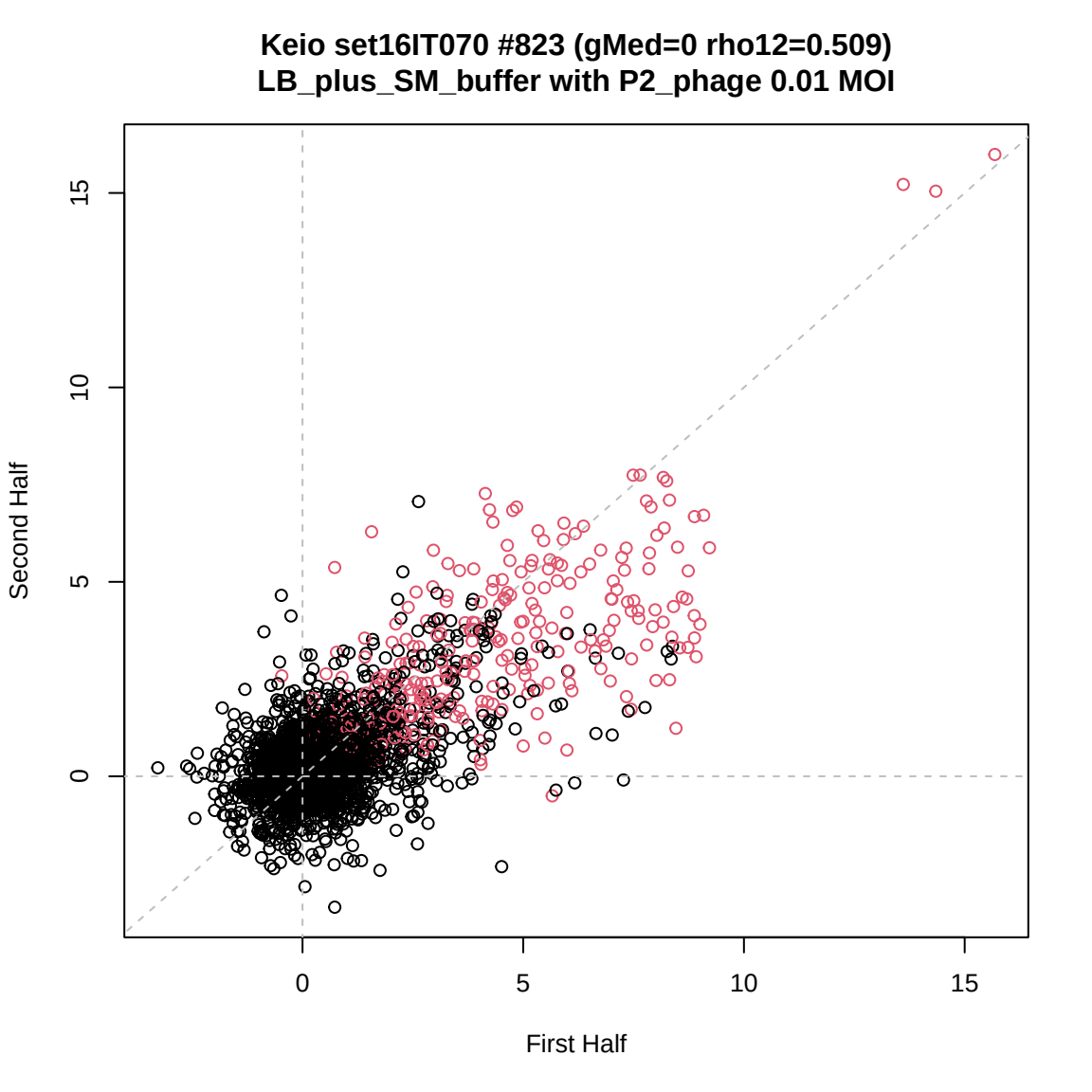

Keio set16IT065 #818 (gMed=0 rho12=0.494)
LB_plus_SM_buffer with T4delta11_phage 0.0005 MOI
Second Half
First Half
0
5
10
15

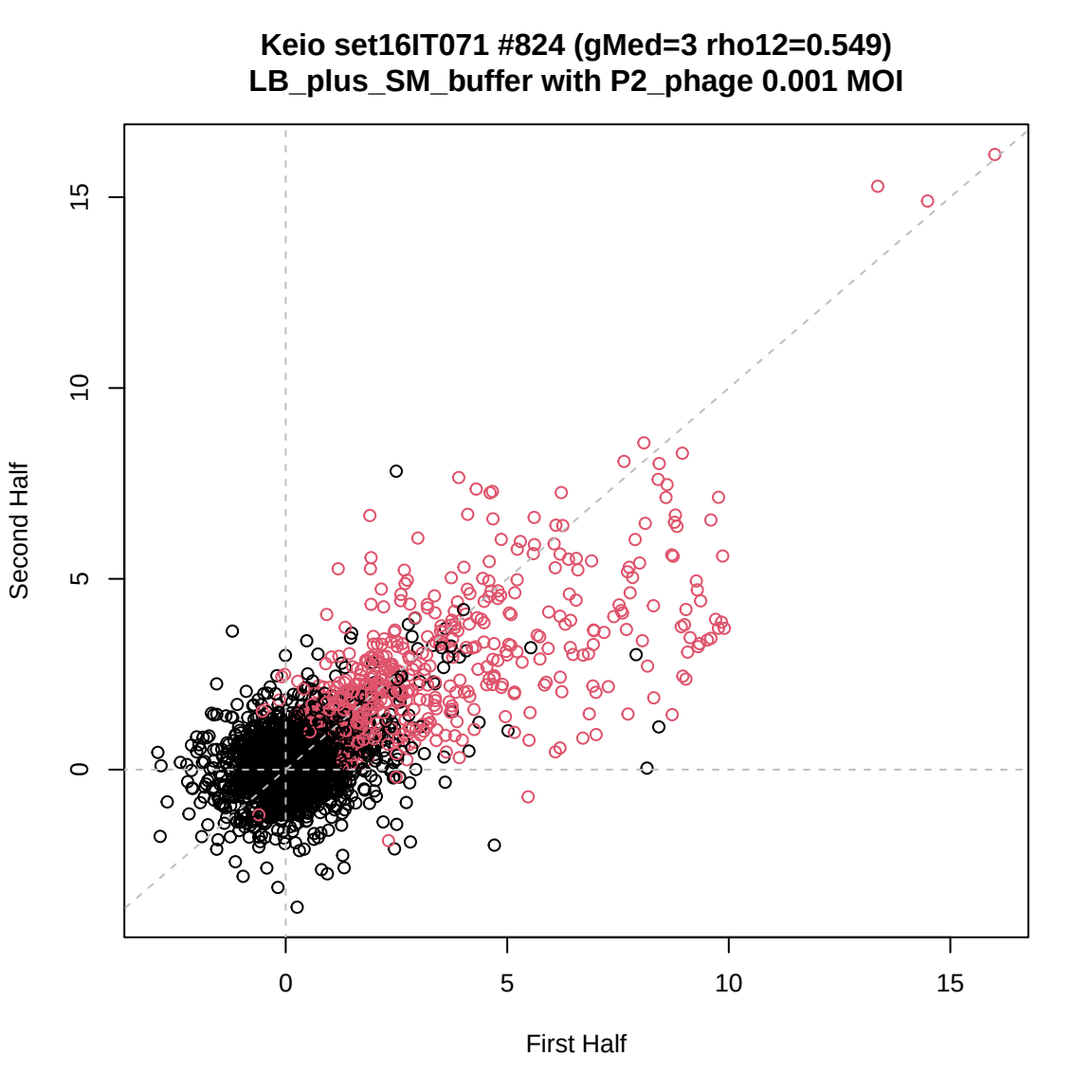

Keio set16IT066 #819 (gMed=0 rho12=0.490)
LB_plus_SM_buffer with T4delta12_phage 250 MOI
Second Half
First Half
0
5
10
15

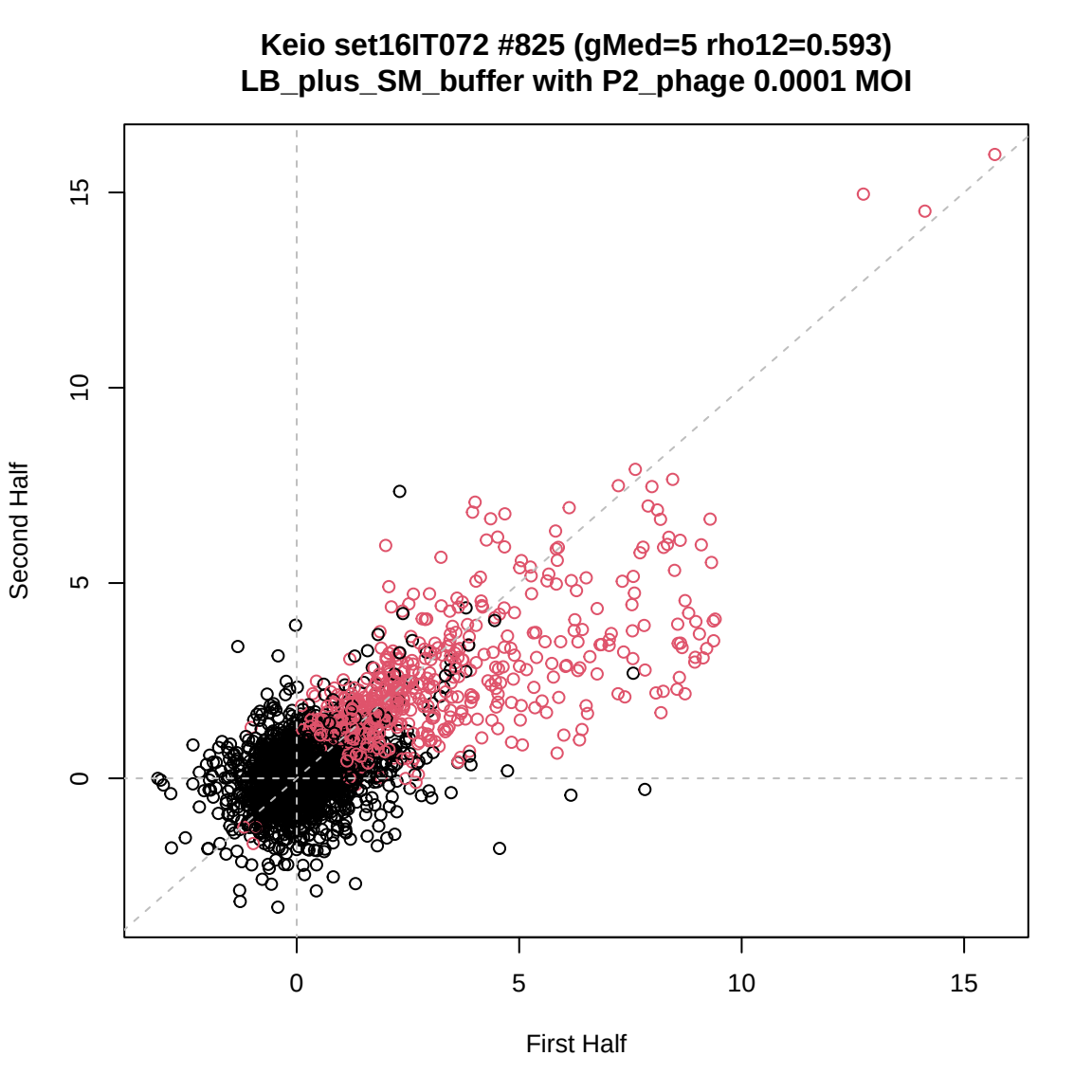

Keio set16IT067 #820 (gMed=0 rho12=0.510)
LB_plus_SM_buffer with T4delta12_phage 0.25 MOI
Second Half
First Half
0
5
10
15

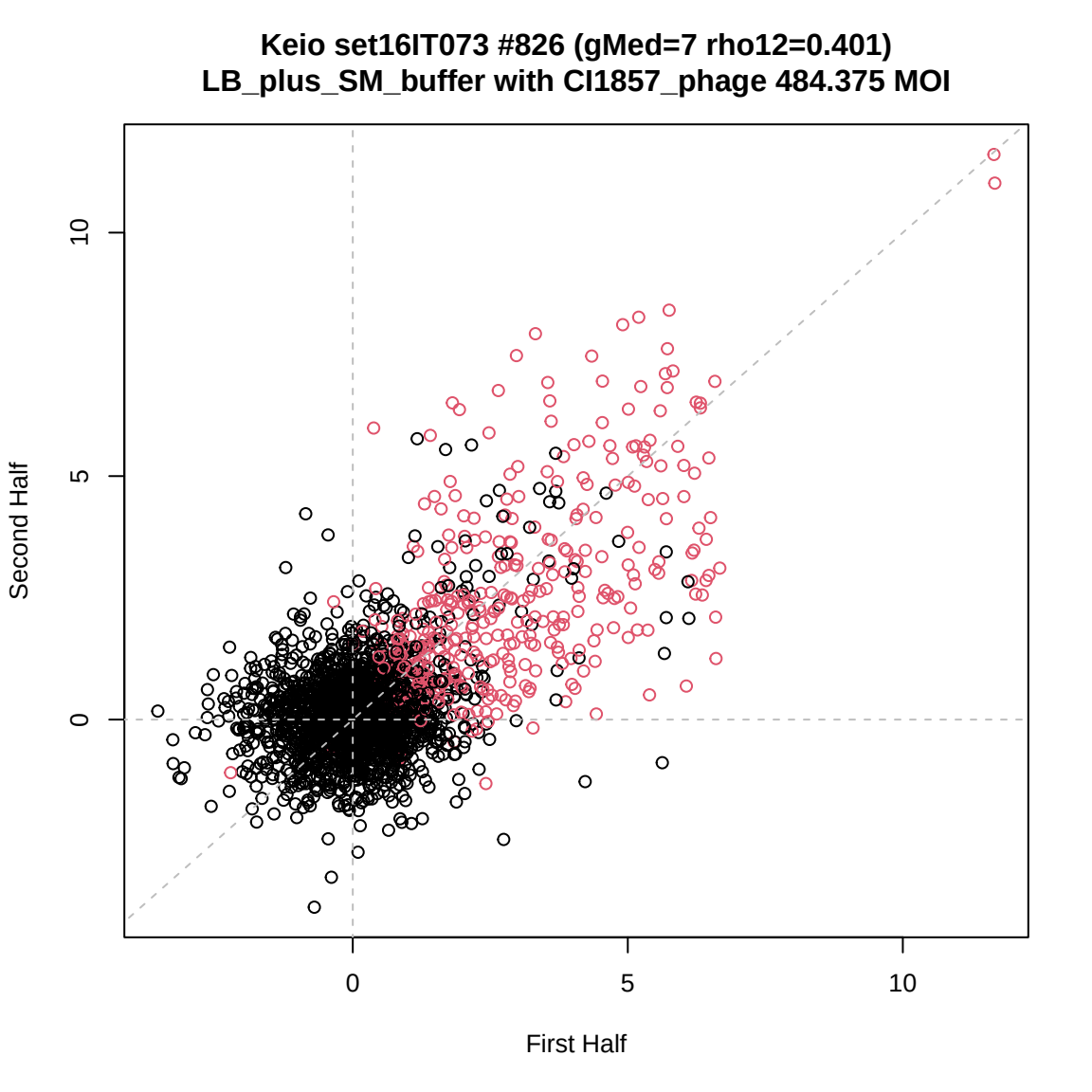

Keio set16IT068 #821 (gMed=1 rho12=0.509)
LB_plus_SM_buffer with T4delta12_phage 0.025 MOI
Second Half
First Half
0
5
10
15

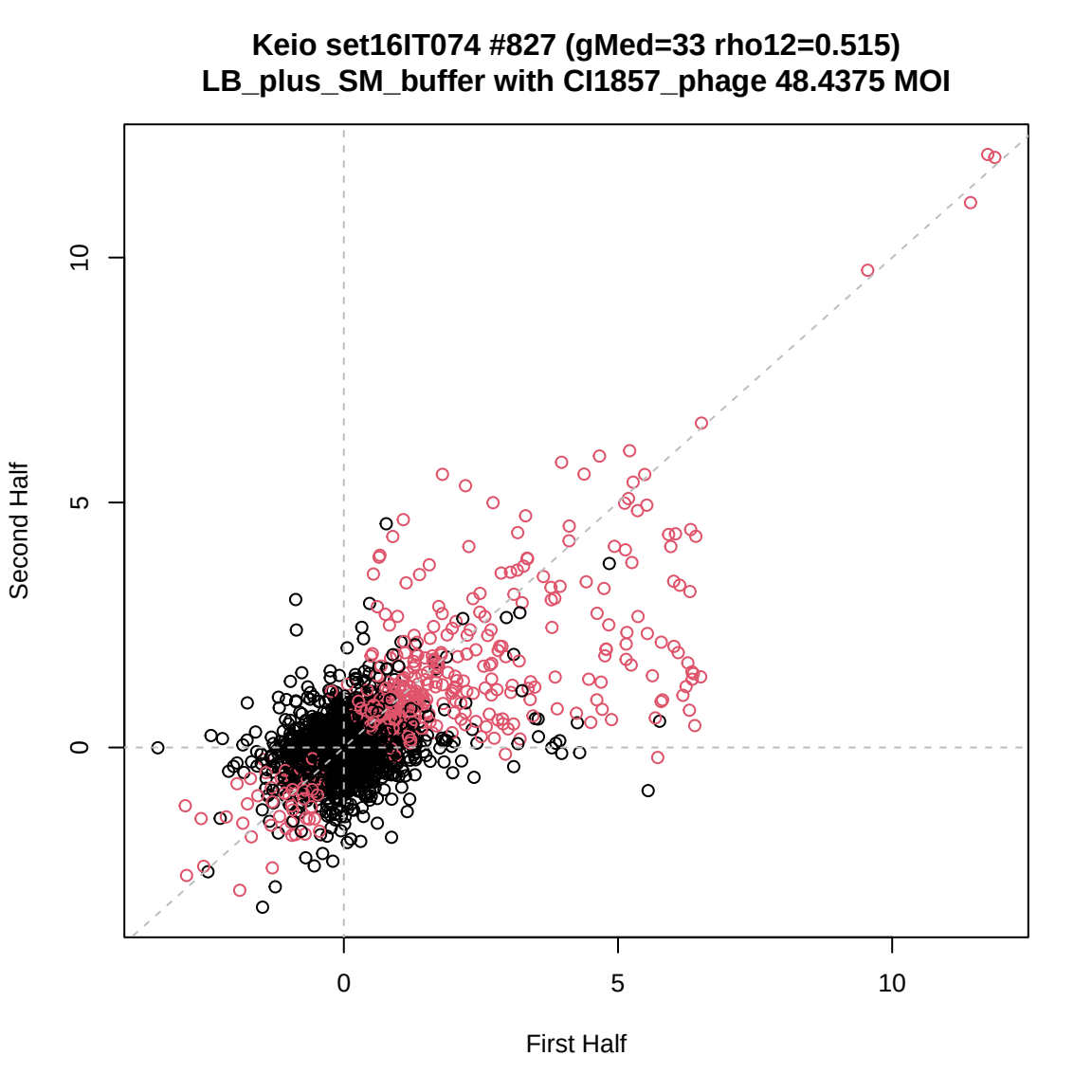

Keio set16IT069 #822 (gMed=2 rho12=0.532)
LB_plus_SM_buffer with T4delta12_phage 0.0025 MOI
Second Half
First Half
0
5
10
15

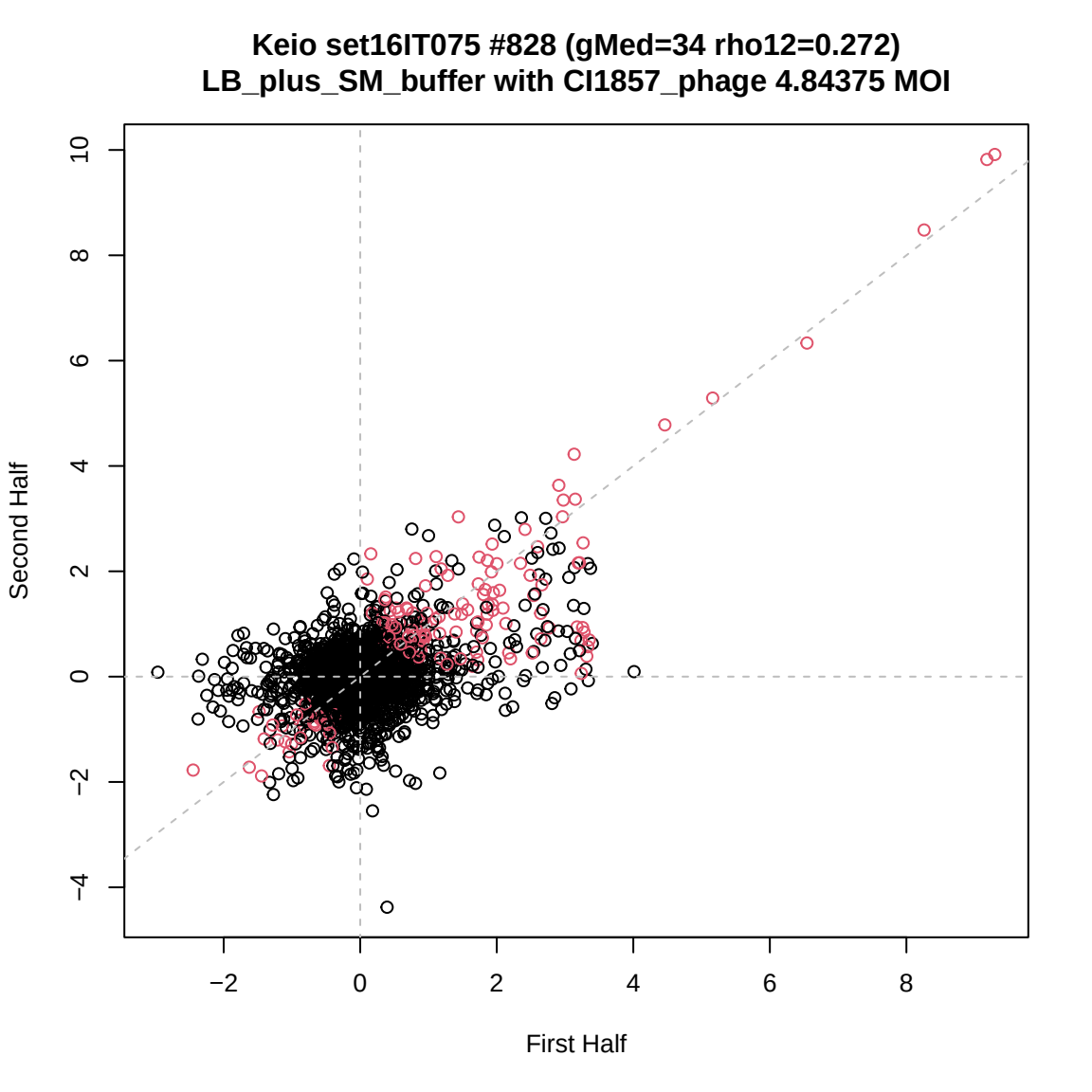

Keio set16IT070 #823 (gMed=0 rho12=0.509)
LB_plus_SM_buffer with P2_phage 0.01 MOI
Second Half
First Half
0
5
10
15

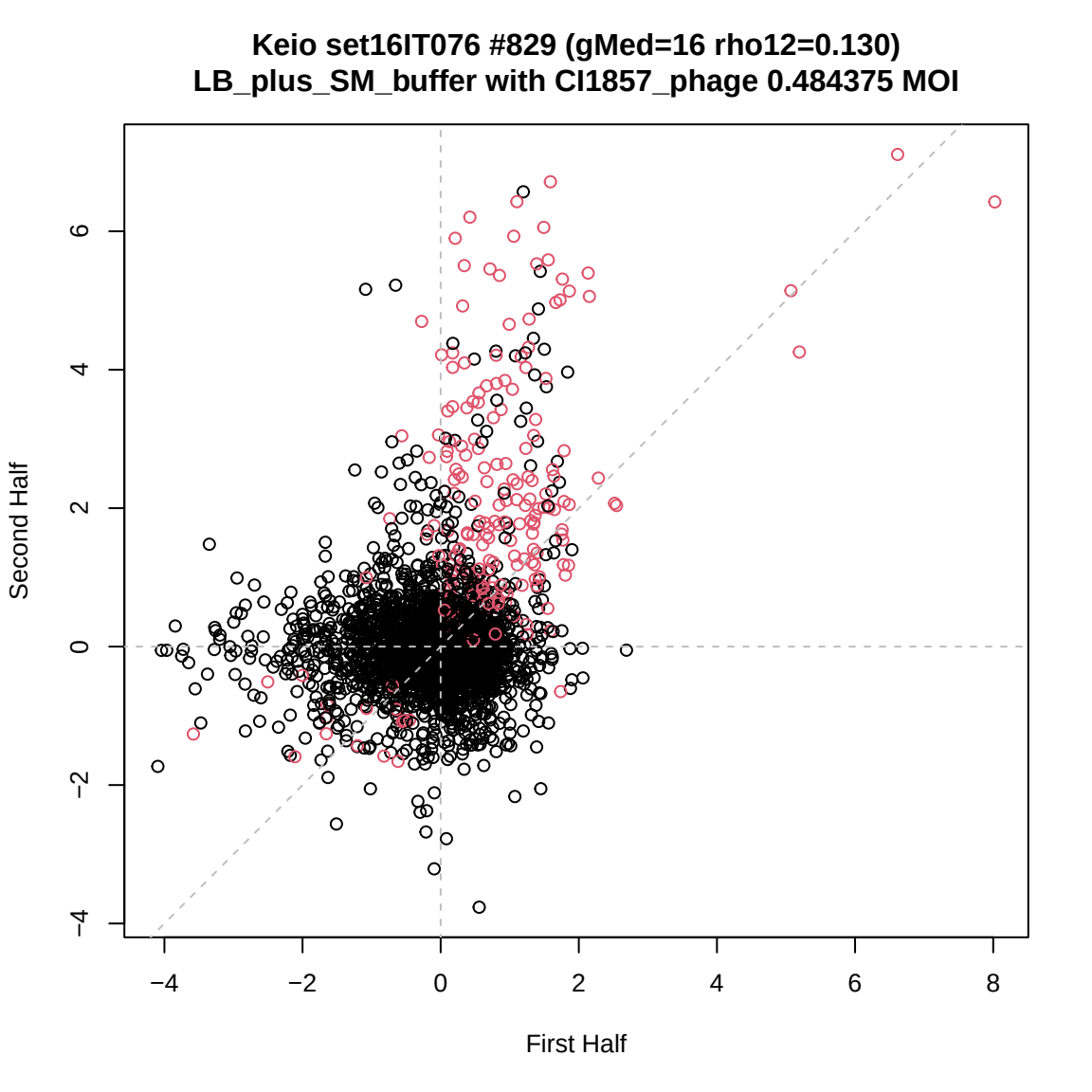

Keio set16IT071 #824 (gMed=3 rho12=0.549)
LB_plus_SM_buffer with P2_phage 0.001 MOI
Second Half
First Half
0
5
10
15

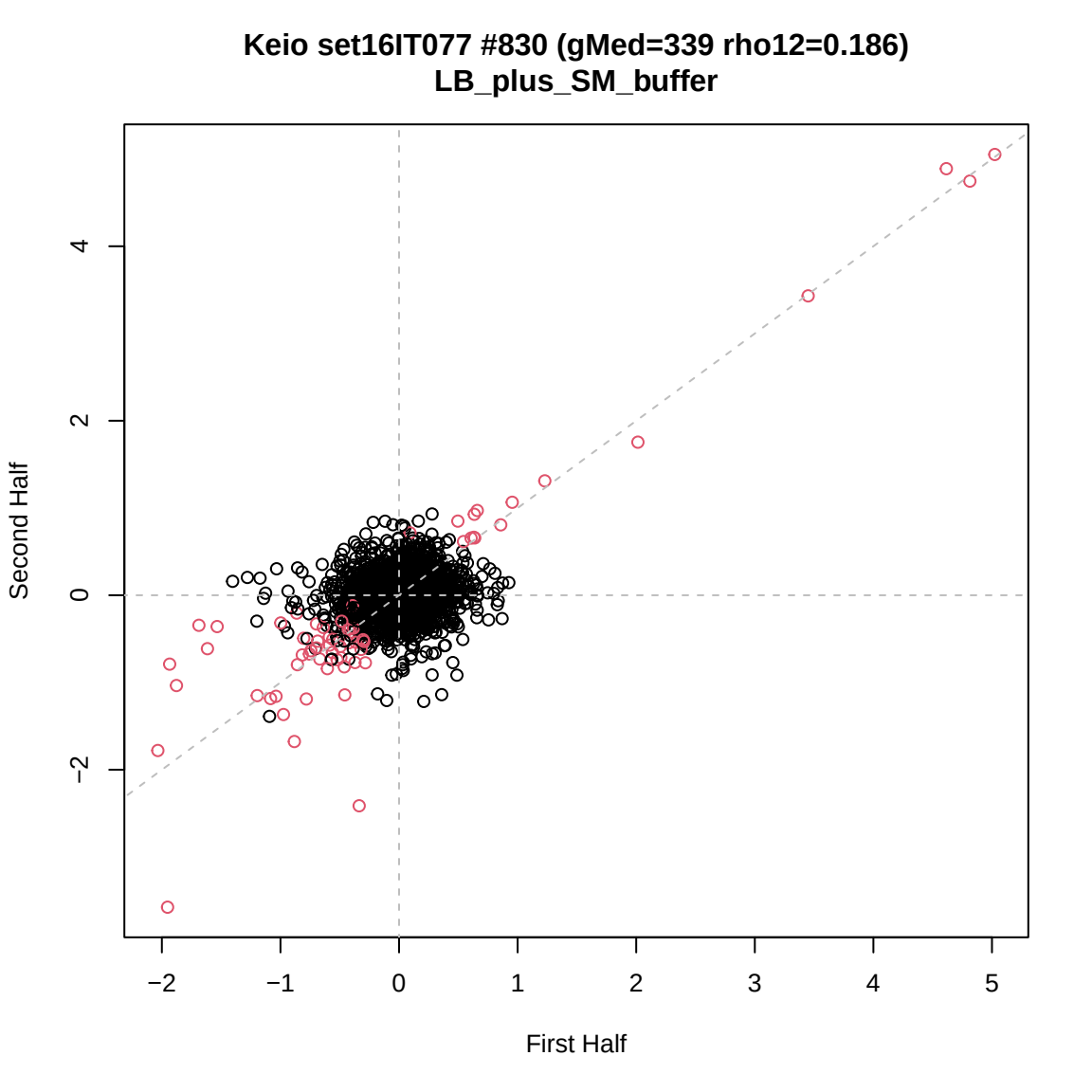

Keio set16IT072 #825 (gMed=5 rho12=0.593)
LB_plus_SM_buffer with P2_phage 0.0001 MOI
Second Half
First Half
0
5
10
15

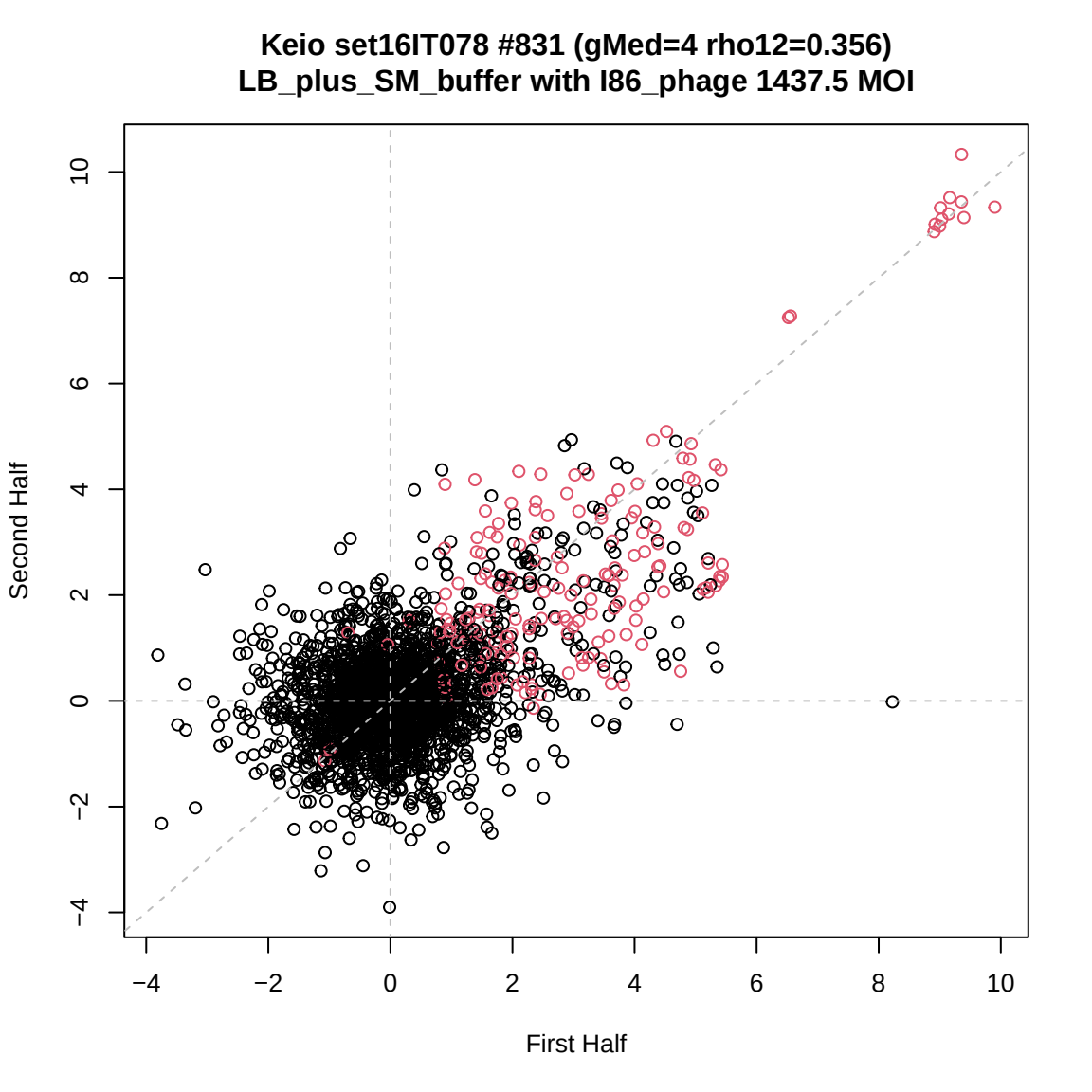

Keio set16IT073 #826 (gMed=7 rho12=0.401)
LB_plus_SM_buffer with CI1857_phage 484.375 MOI
Second Half
First Half
0
5
10
0
5
10

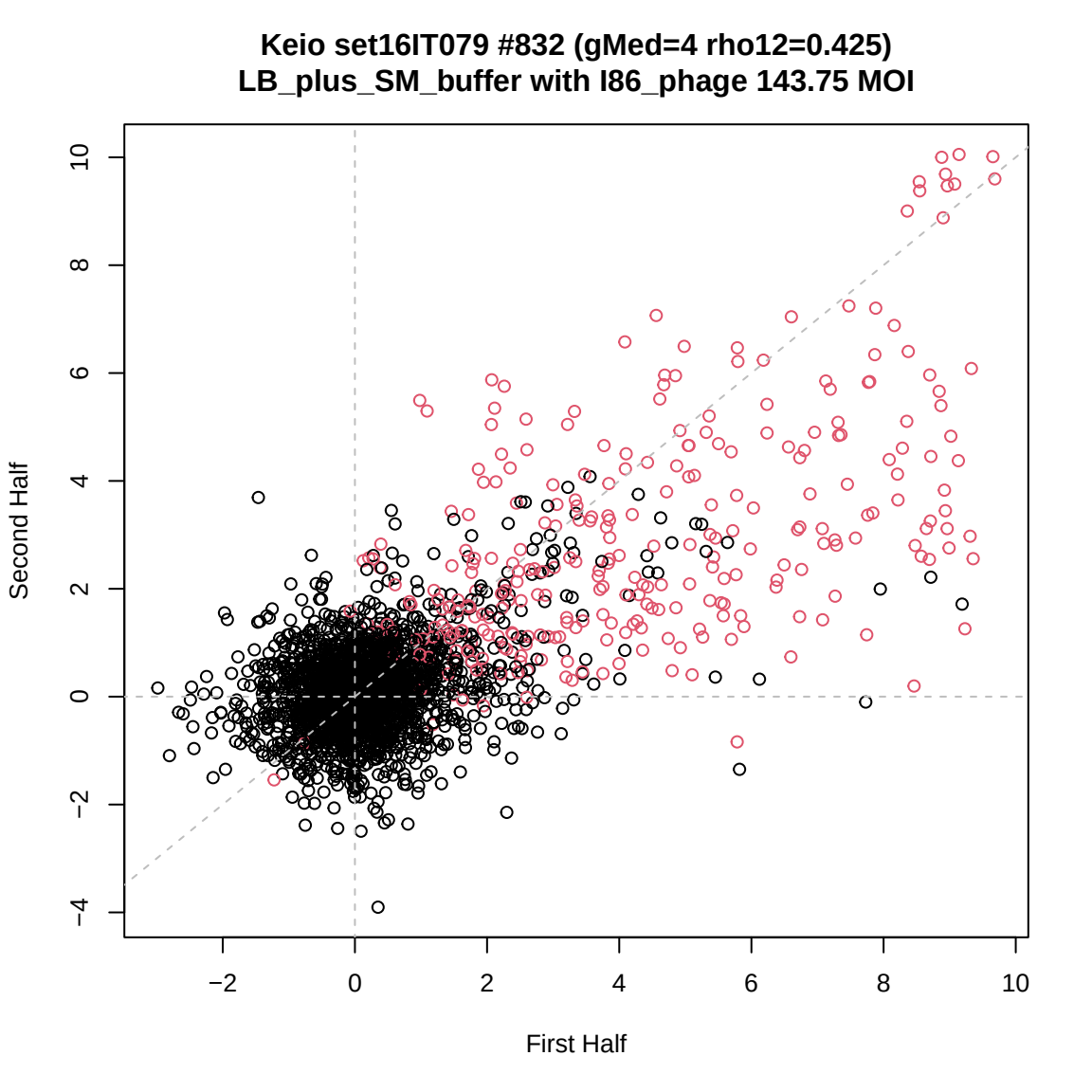

Keio set16IT074 #827 (gMed=33 rho12=0.515)
LB_plus_SM_buffer with CI1857_phage 48.4375 MOI
Second Half
First Half
0
5
10
0
5
10

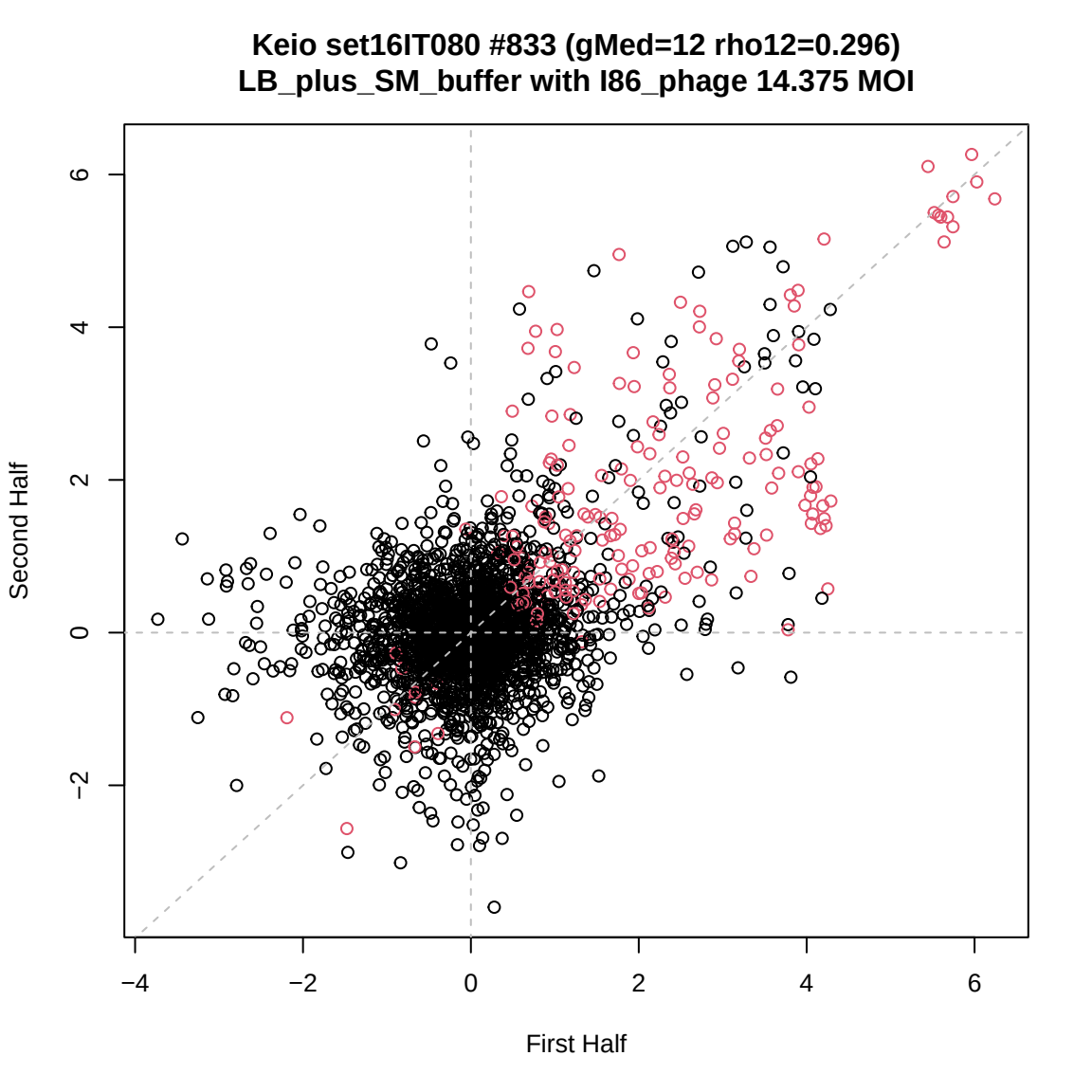

Keio set16IT075 #828 (gMed=34 rho12=0.272)
LB_plus_SM_buffer with CI1857_phage 4.84375 MOI
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

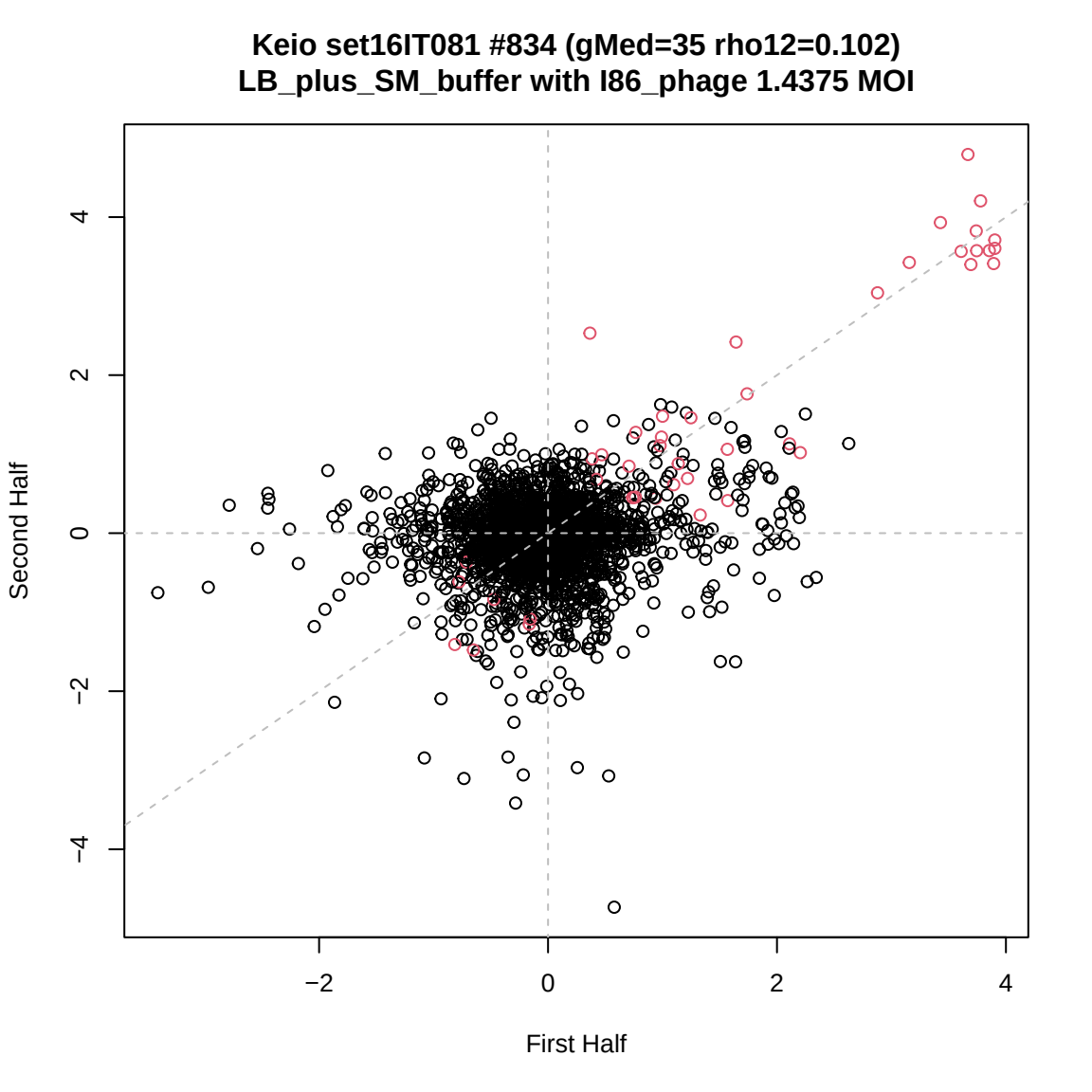

Keio set16IT076 #829 (gMed=16 rho12=0.130)
LB_plus_SM_buffer with CI1857_phage 0.484375 MOI
Second Half
First Half
−4
−2
0
2
4
6
8


Keio set16IT077 #830 (gMed=339 rho12=0.186)
LB_plus_SM_buffer
Second Half
First Half
−2
−1
0
1
2
3
4
5
−2
0
2
4

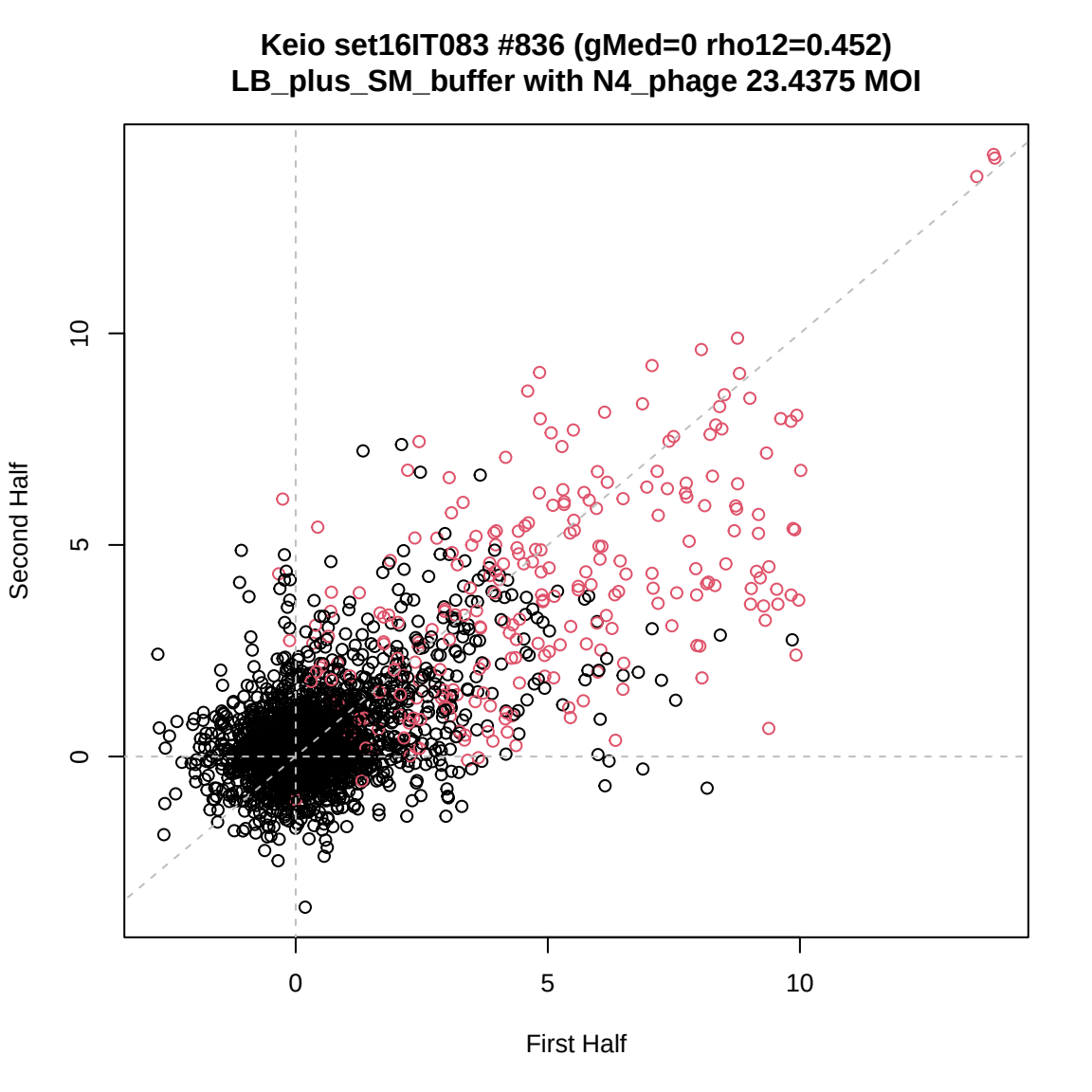

Keio set16IT078 #831 (gMed=4 rho12=0.356)
LB_plus_SM_buffer with I86_phage 1437.5 MOI
Second Half
First Half
−4
−2
0
2
4
6
8
10

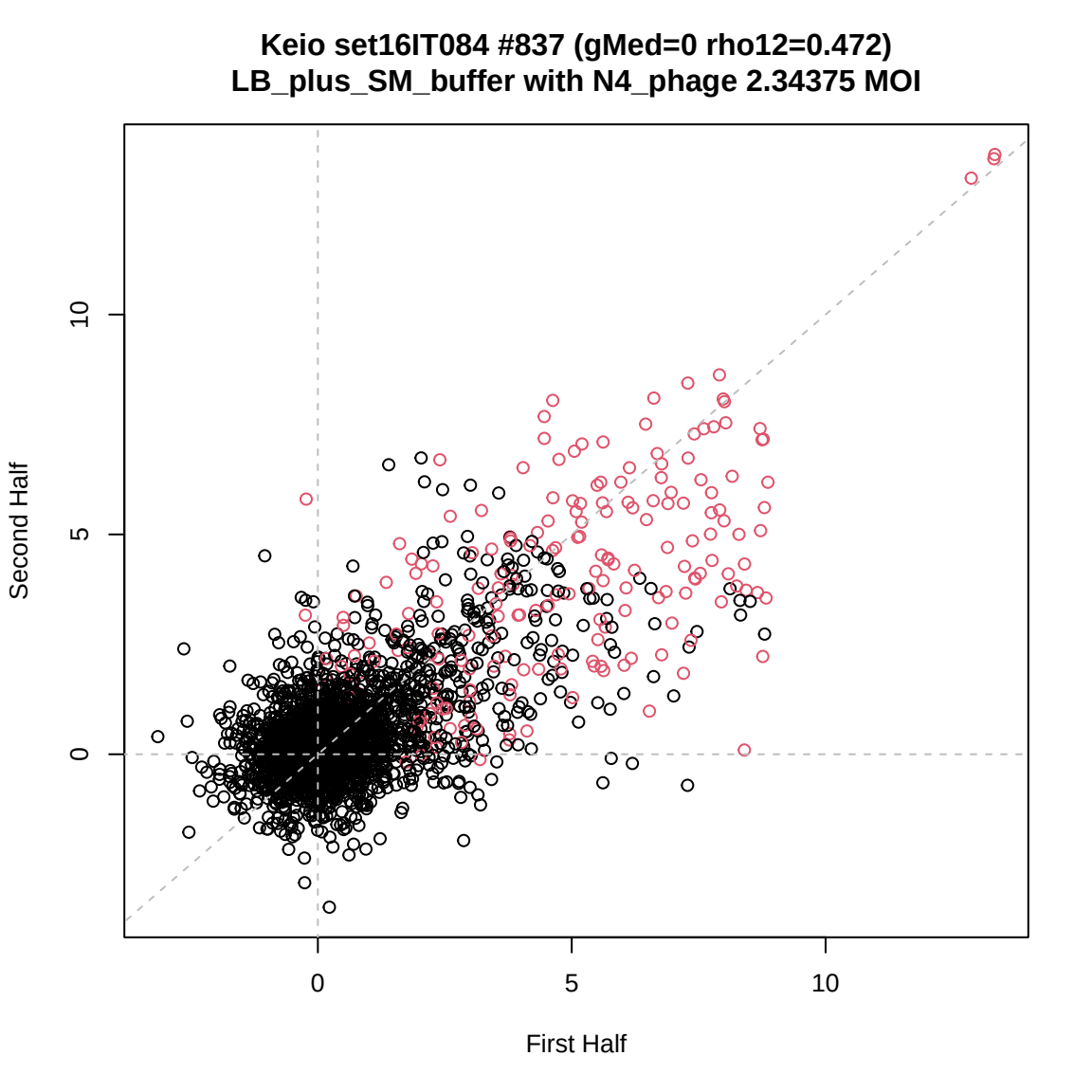

Keio set16IT079 #832 (gMed=4 rho12=0.425)
LB_plus_SM_buffer with I86_phage 143.75 MOI
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

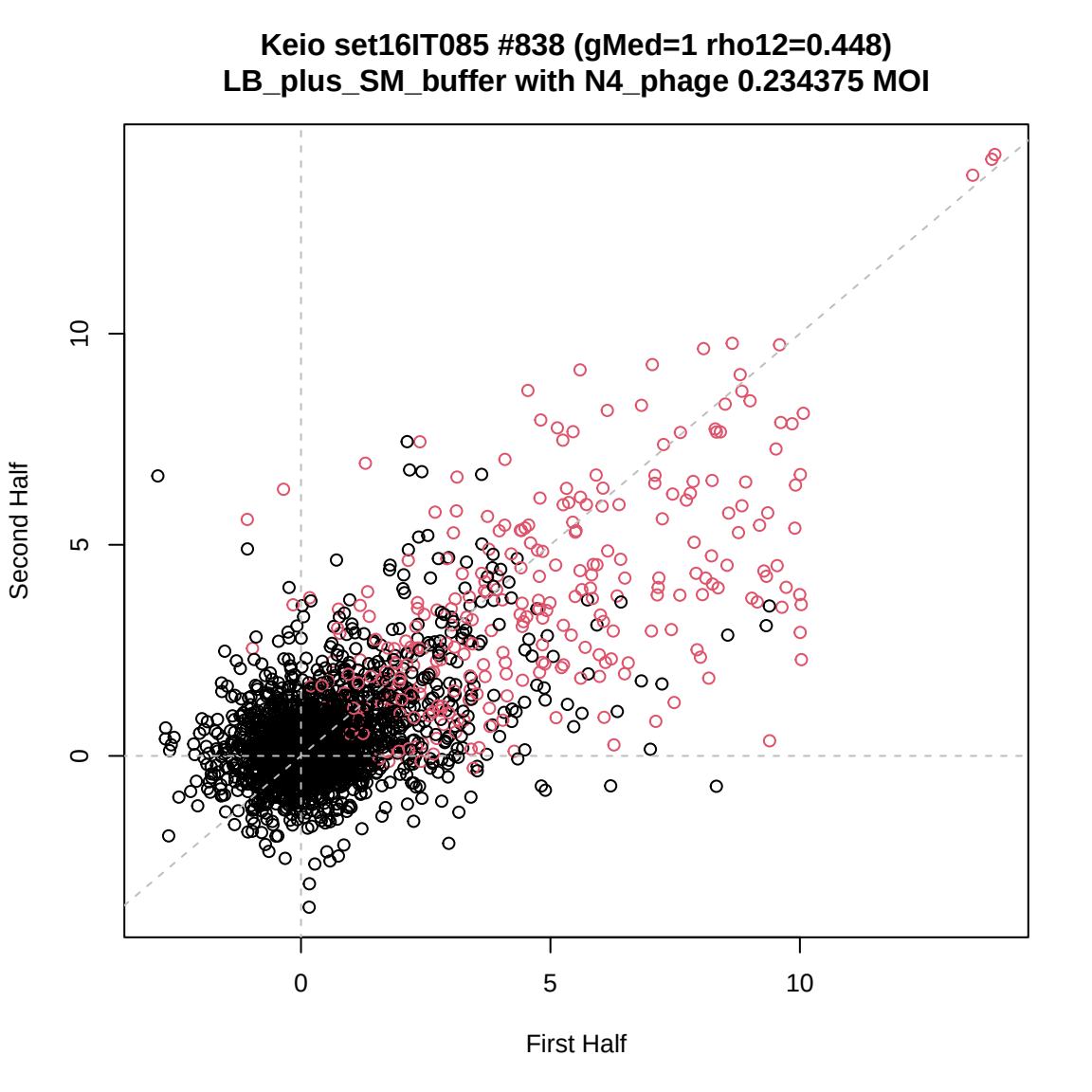

Keio set16IT080 #833 (gMed=12 rho12=0.296)
LB_plus_SM_buffer with I86_phage 14.375 MOI
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

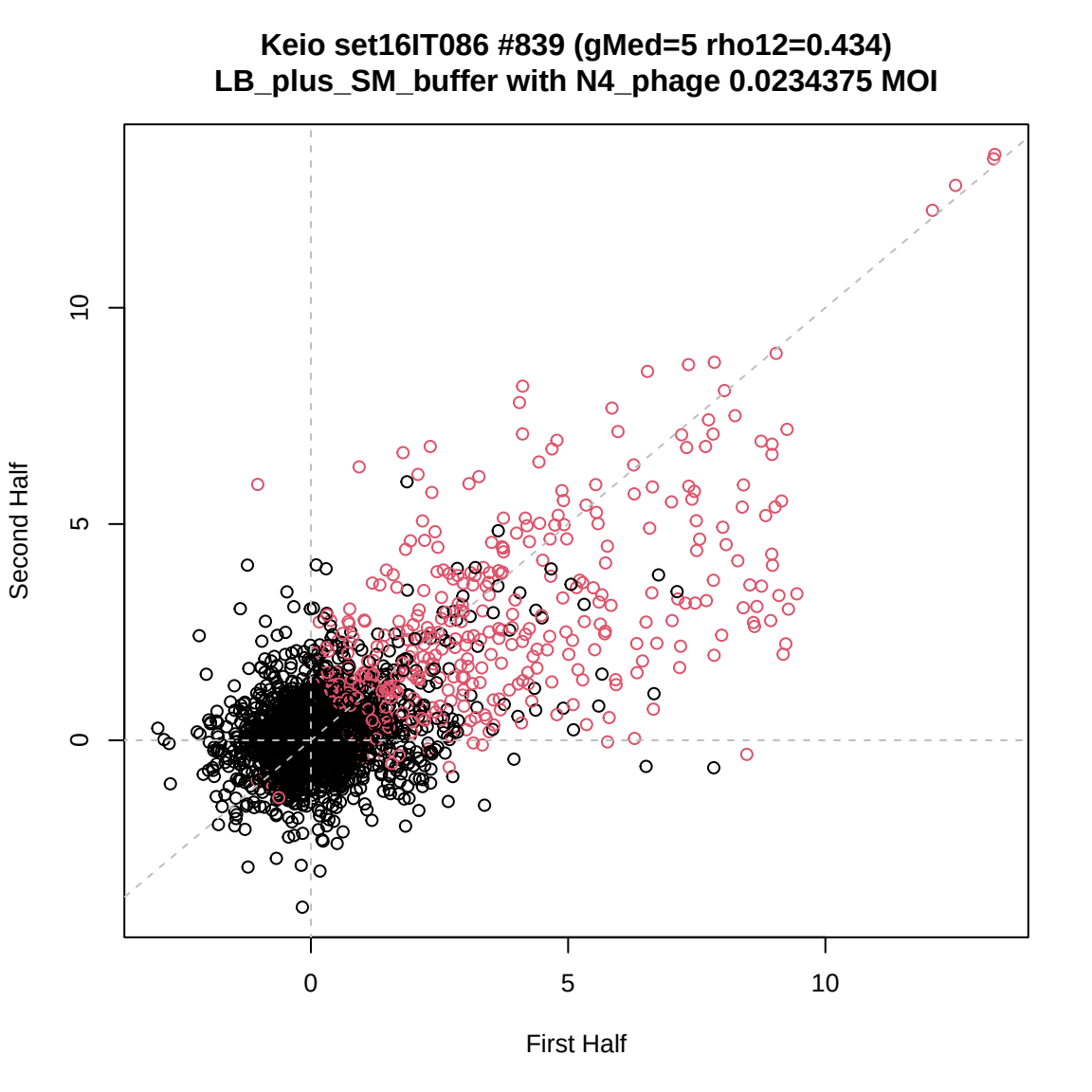

Keio set16IT081 #834 (gMed=35 rho12=0.102)
LB_plus_SM_buffer with I86_phage 1.4375 MOI
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

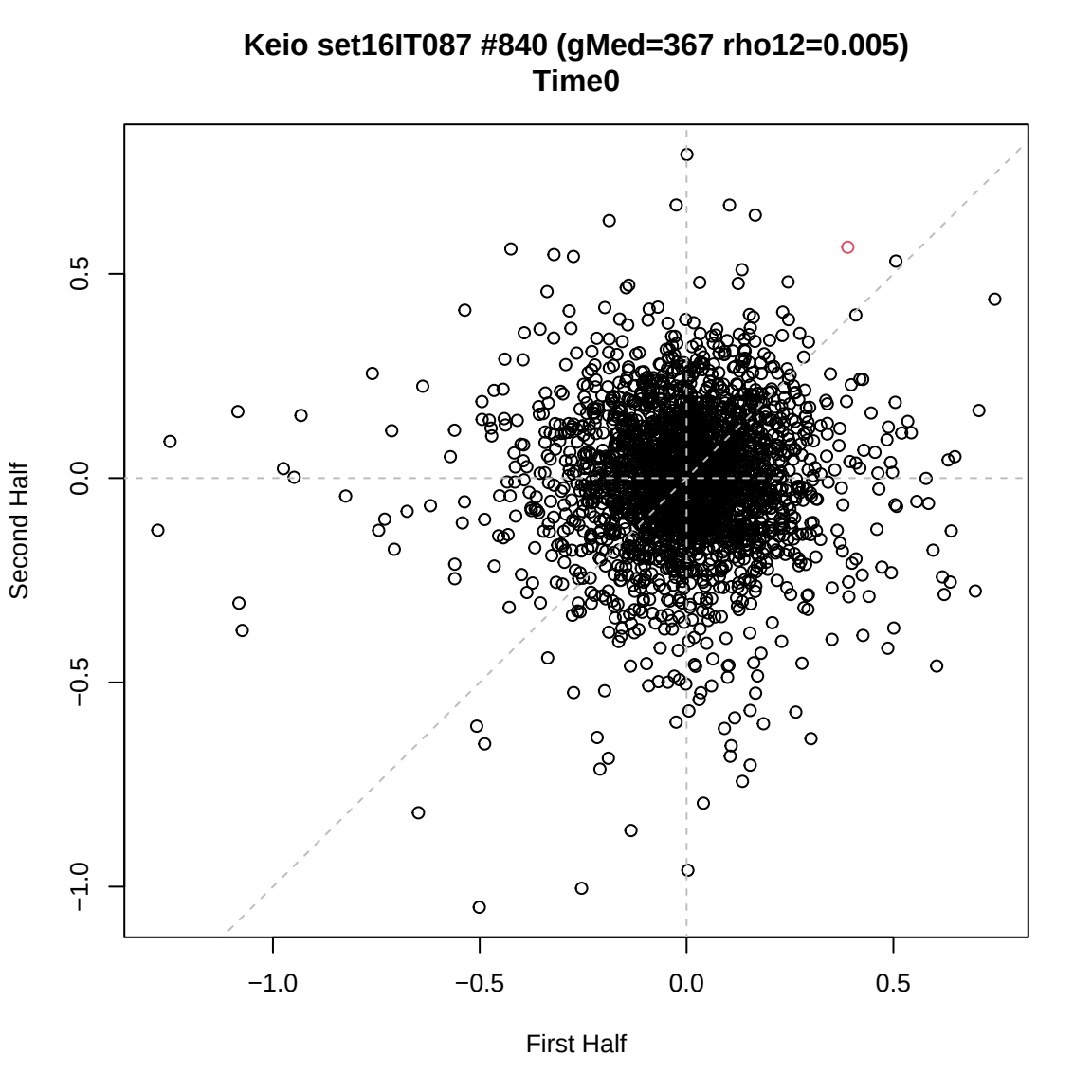

Keio set16IT082 #835 (gMed=1 rho12=0.465)
LB_plus_SM_buffer with N4_phage 234.375 MOI
Second Half
First Half
0
5
10
0
5
10

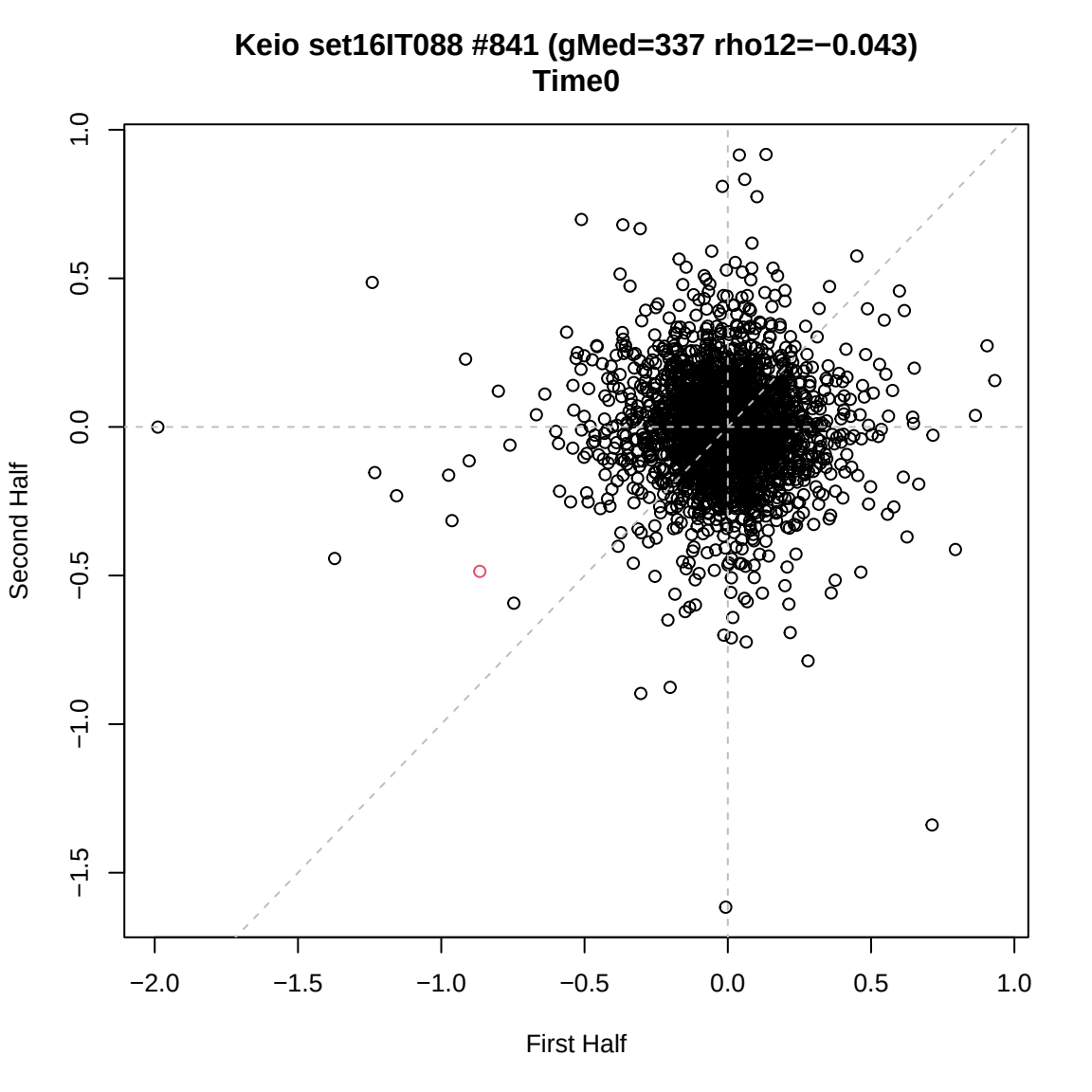

Keio set16IT083 #836 (gMed=0 rho12=0.452)
LB_plus_SM_buffer with N4_phage 23.4375 MOI
Second Half
First Half
0
5
10
0
5
10

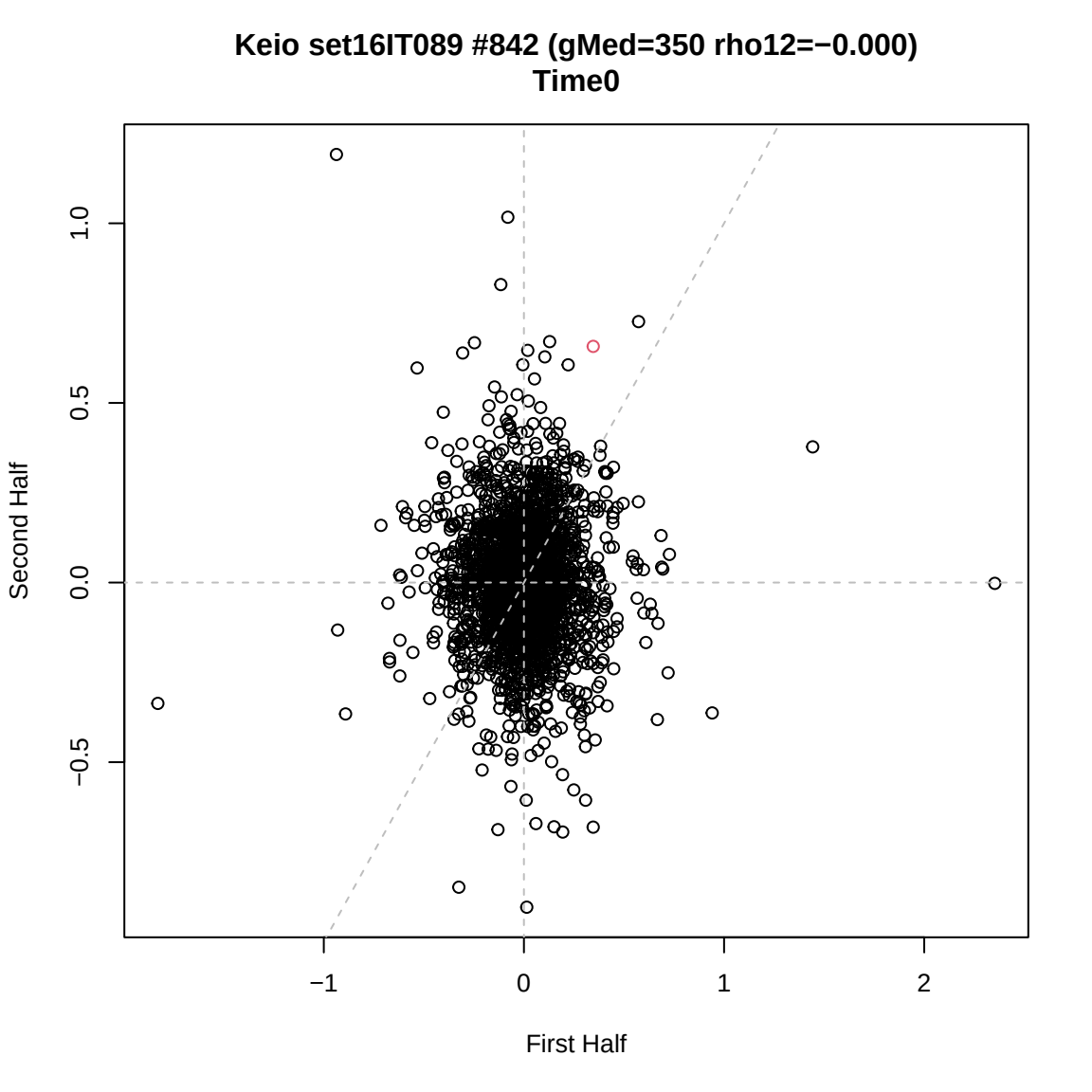

Keio set16IT084 #837 (gMed=0 rho12=0.472)
LB_plus_SM_buffer with N4_phage 2.34375 MOI
Second Half
First Half
0
5
10
0
5
10

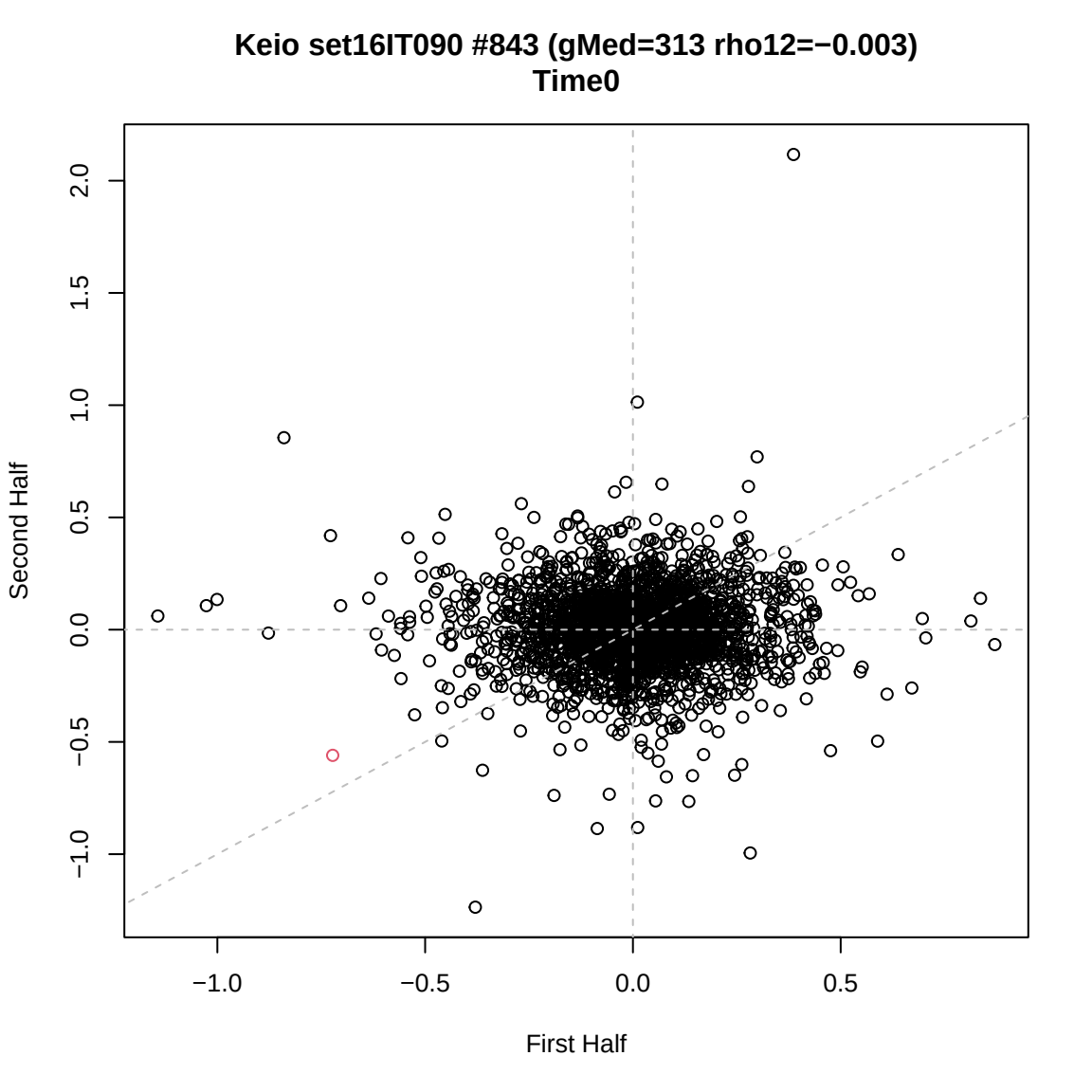

Keio set16IT085 #838 (gMed=1 rho12=0.448)
LB_plus_SM_buffer with N4_phage 0.234375 MOI
Second Half
First Half
0
5
10
0
5
10

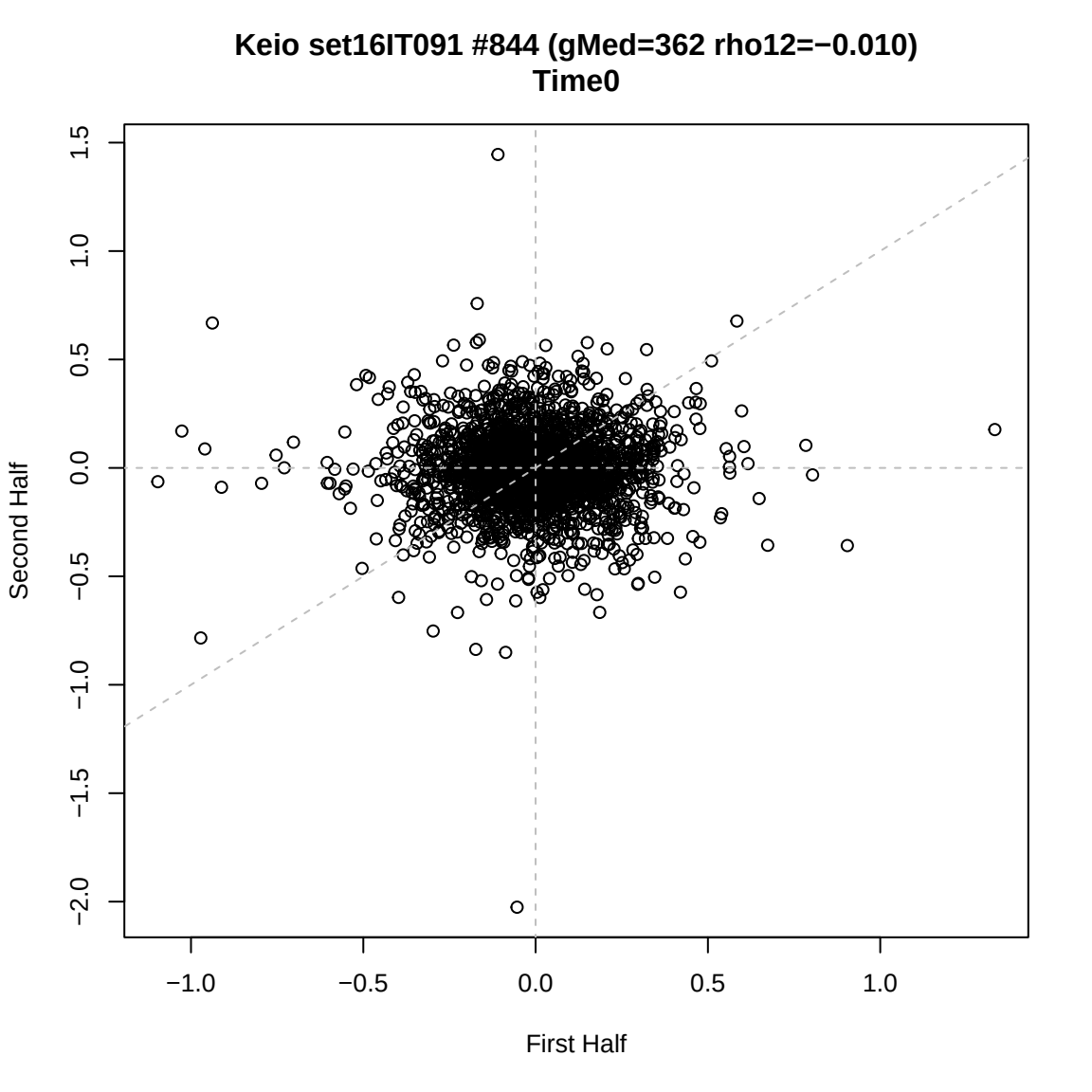

Keio set16IT086 #839 (gMed=5 rho12=0.434)
LB_plus_SM_buffer with N4_phage 0.0234375 MOI
Second Half
First Half
0
5
10
0
5
10

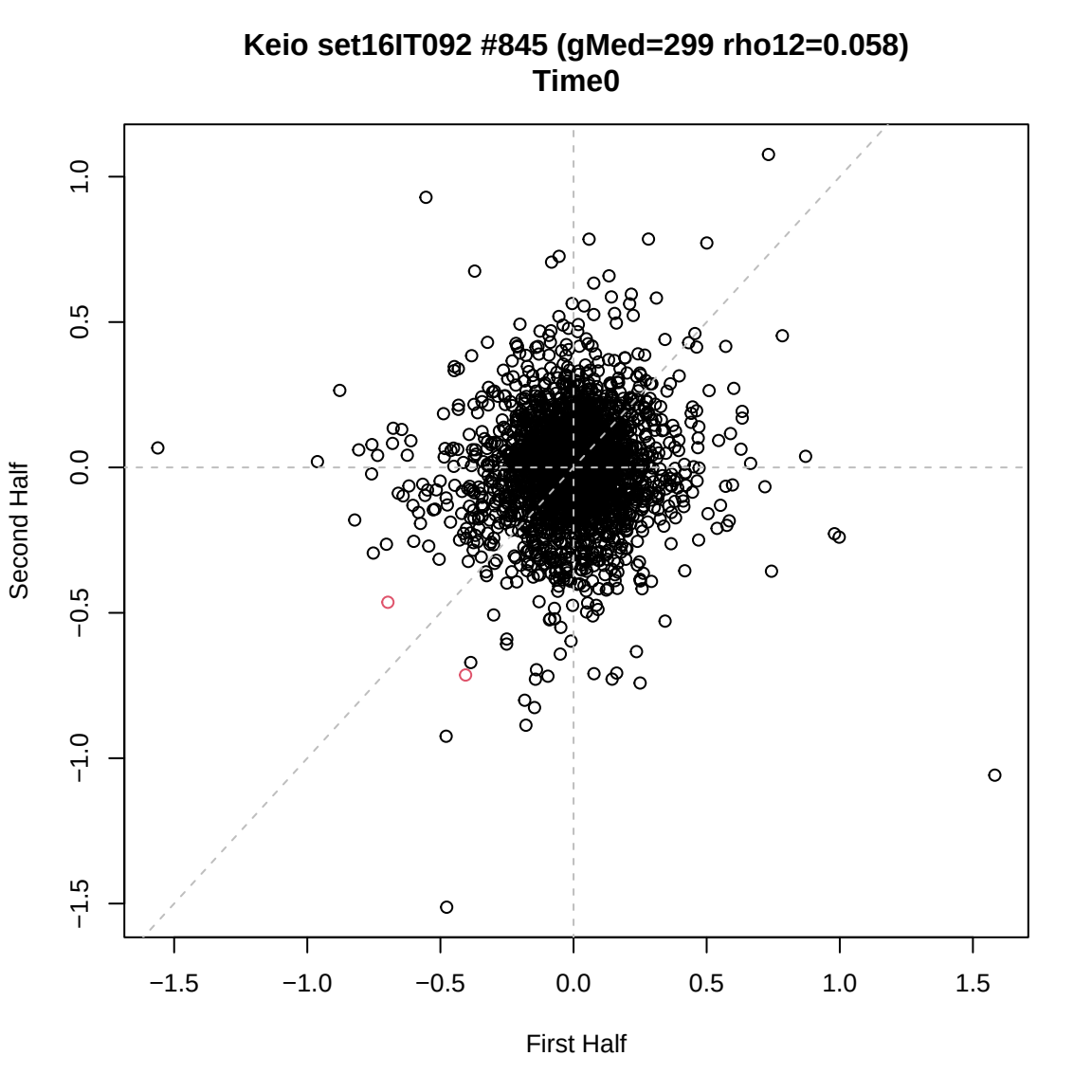

Keio set16IT087 #840 (gMed=367 rho12=0.005)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

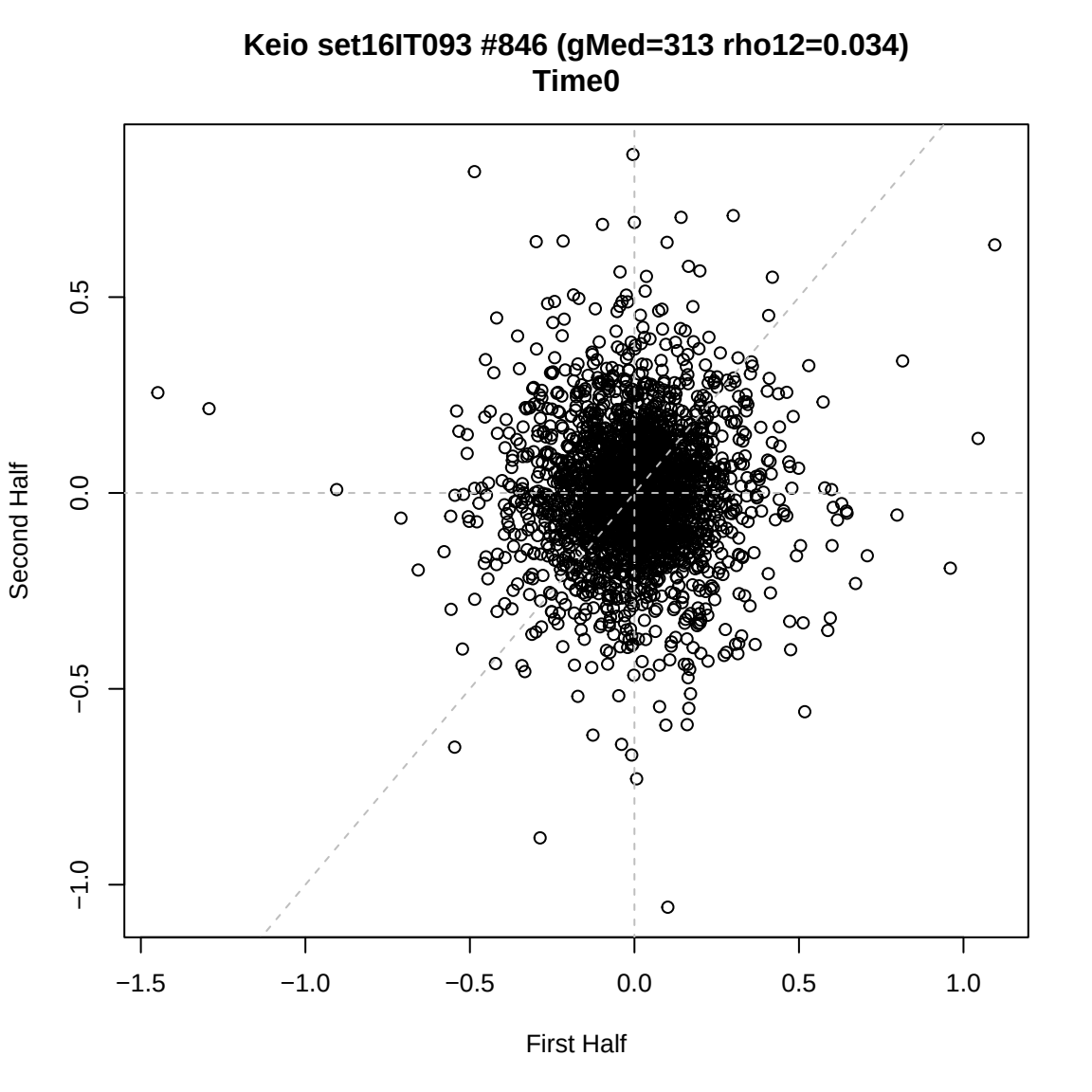

Keio set16IT088 #841 (gMed=337 rho12=−0.043)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

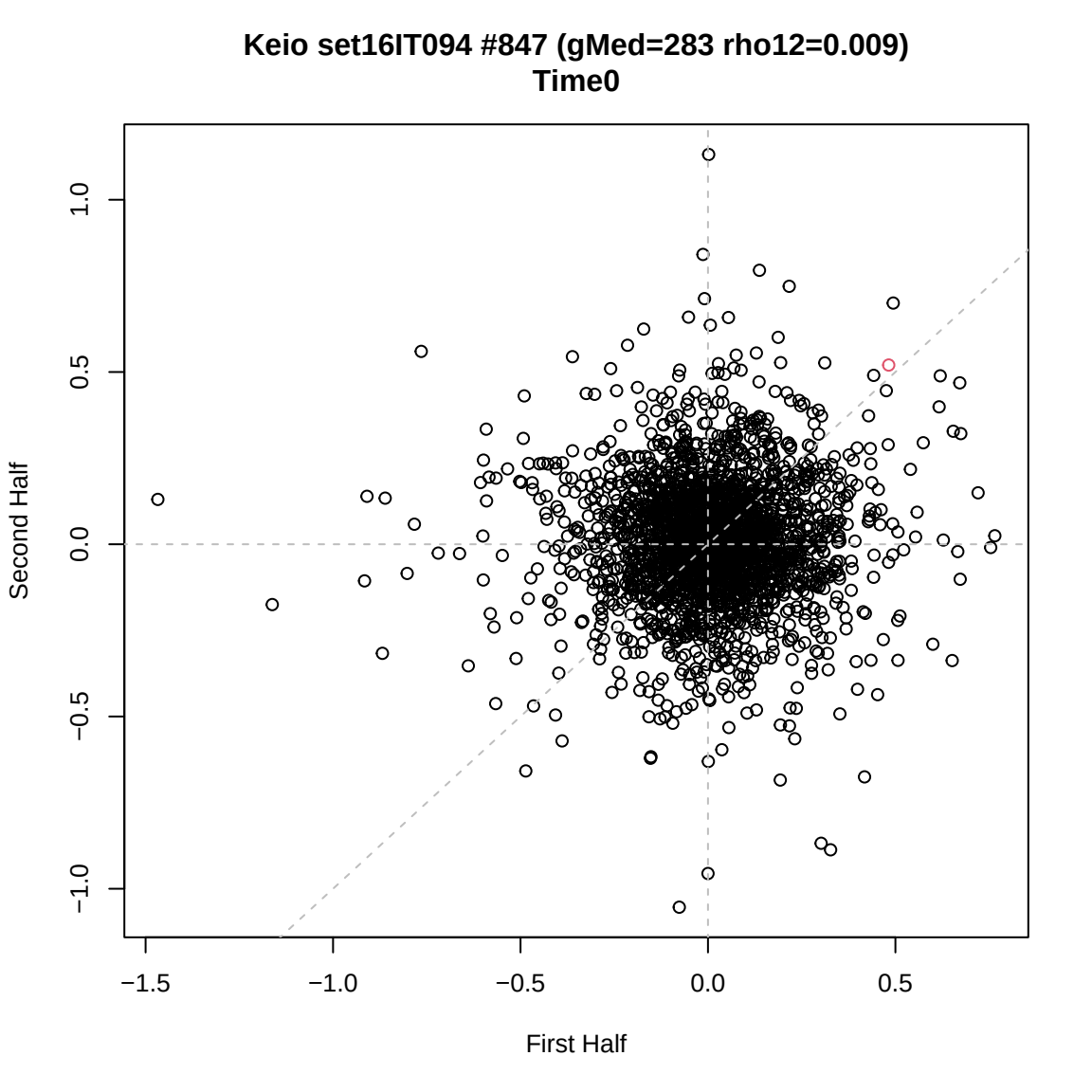

Keio set16IT089 #842 (gMed=350 rho12=−0.000)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1
0
1
2

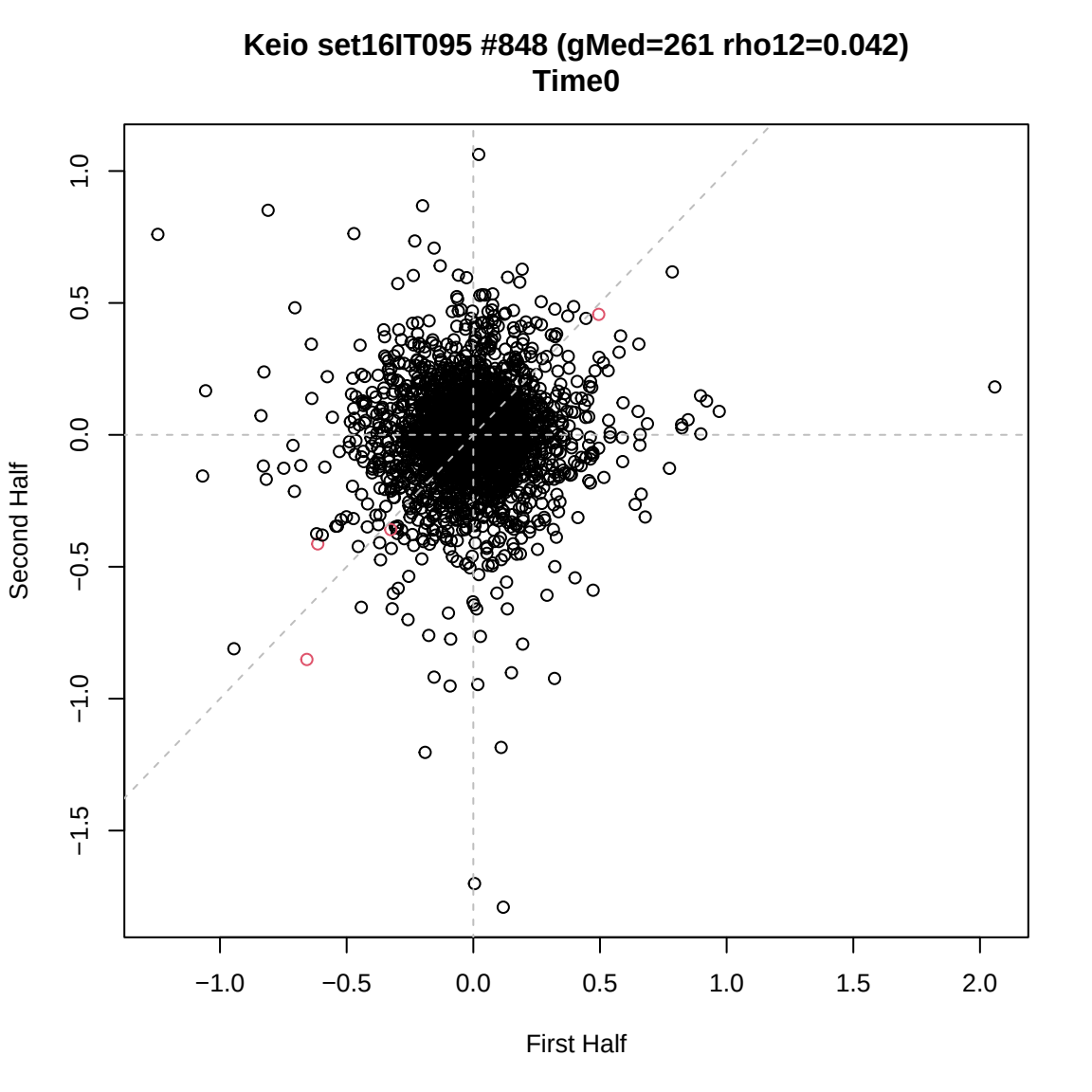

Keio set16IT090 #843 (gMed=313 rho12=−0.003)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

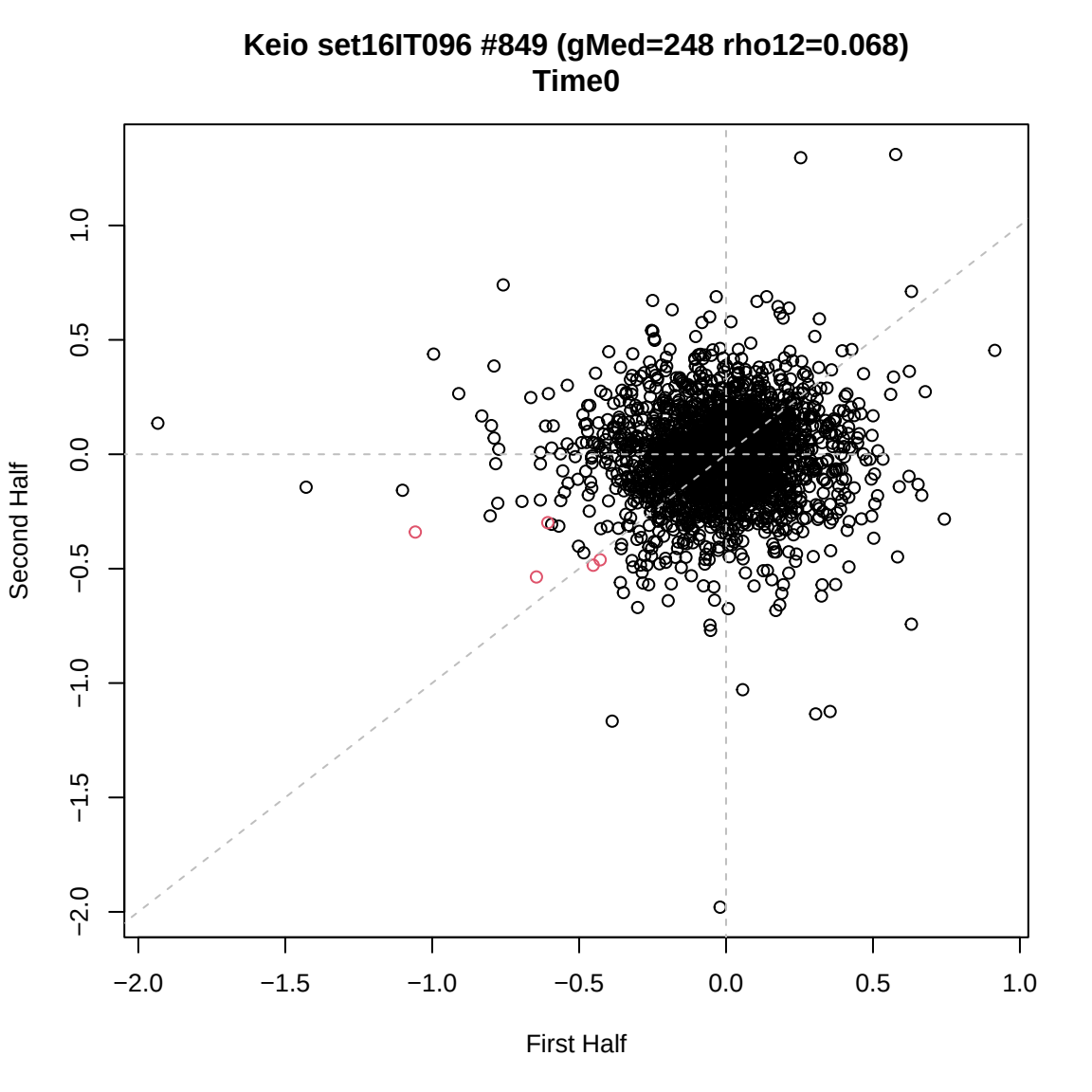

Keio set16IT091 #844 (gMed=362 rho12=−0.010)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

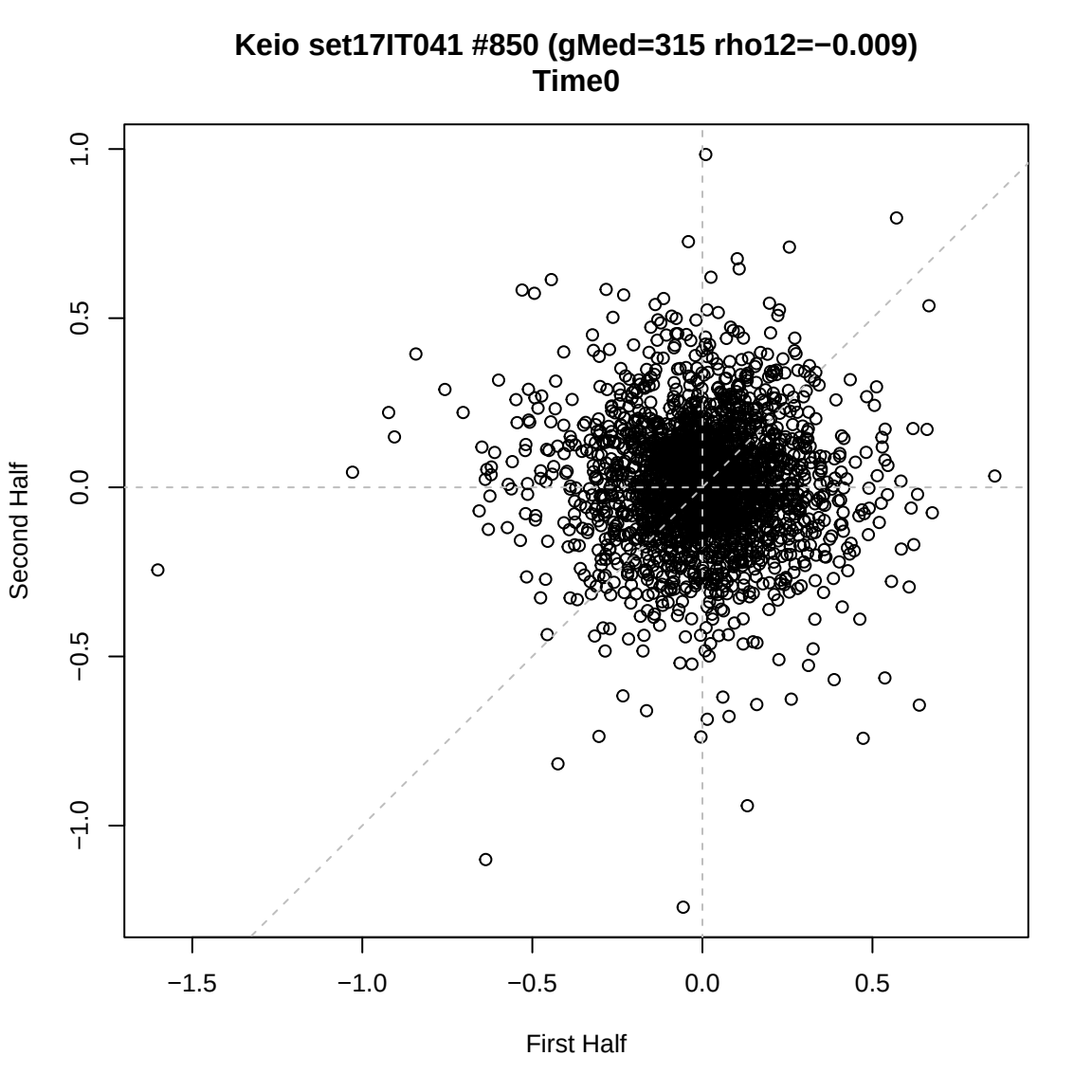

Keio set16IT092 #845 (gMed=299 rho12=0.058)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

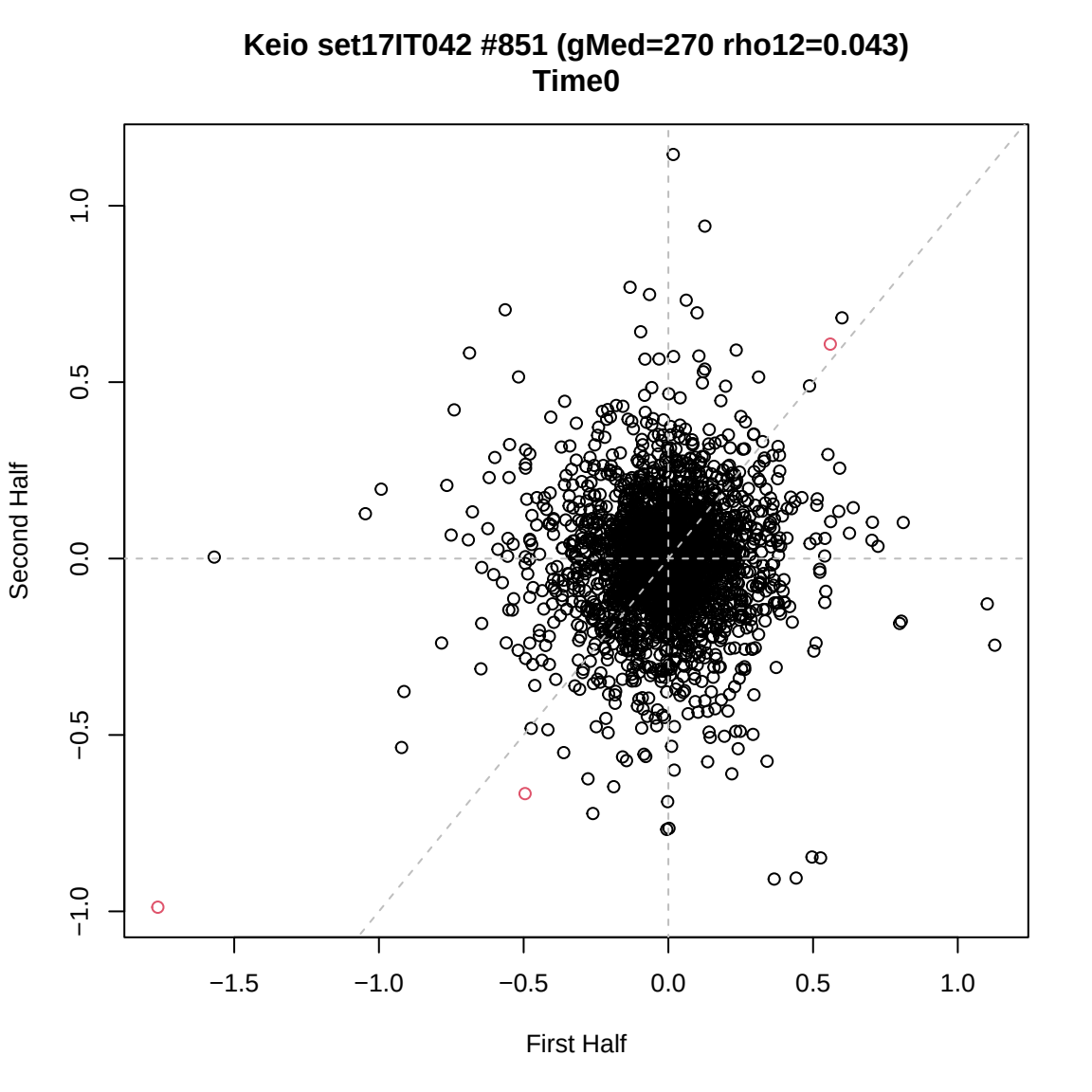

Keio set16IT093 #846 (gMed=313 rho12=0.034)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

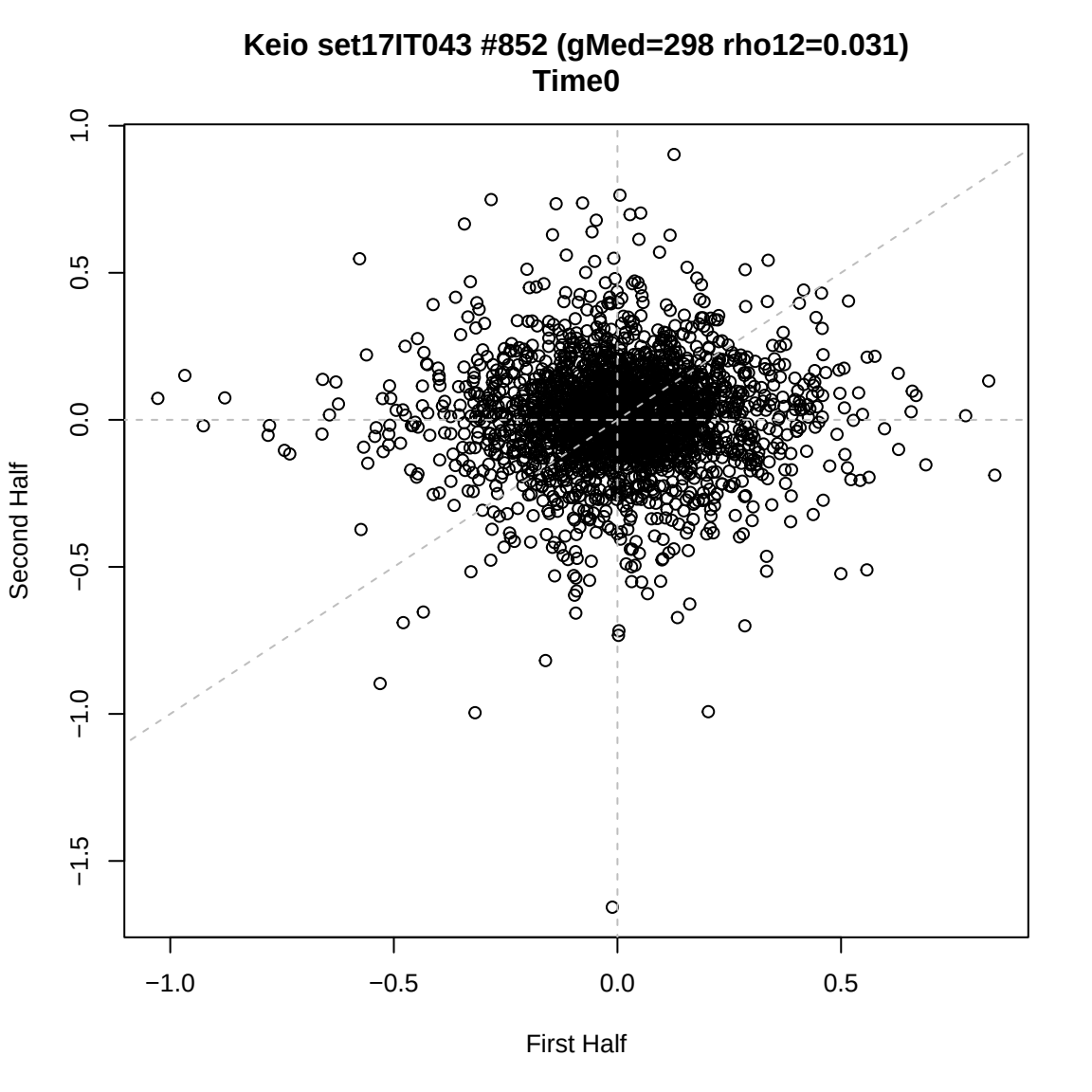

Keio set16IT094 #847 (gMed=283 rho12=0.009)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

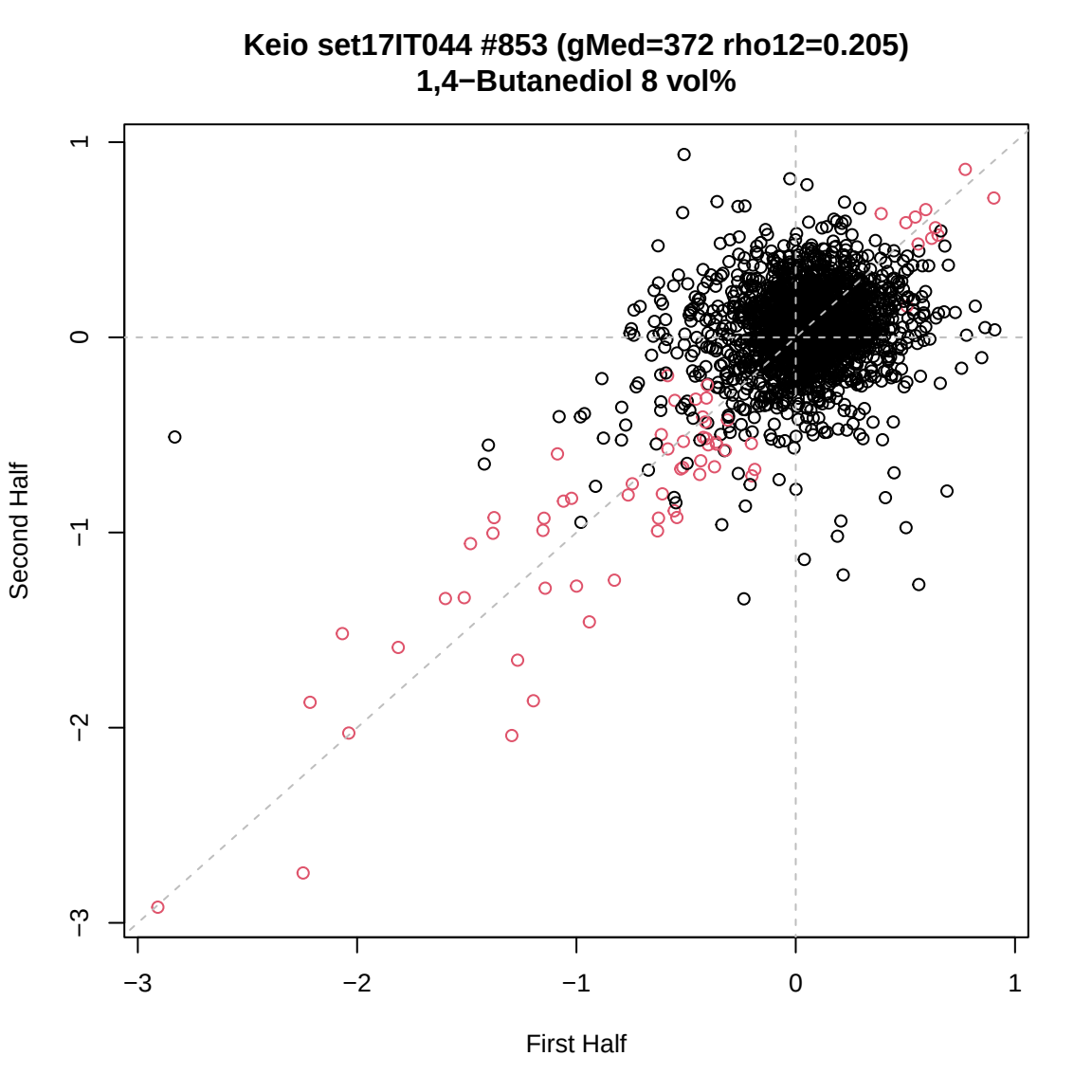

Keio set16IT095 #848 (gMed=261 rho12=0.042)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

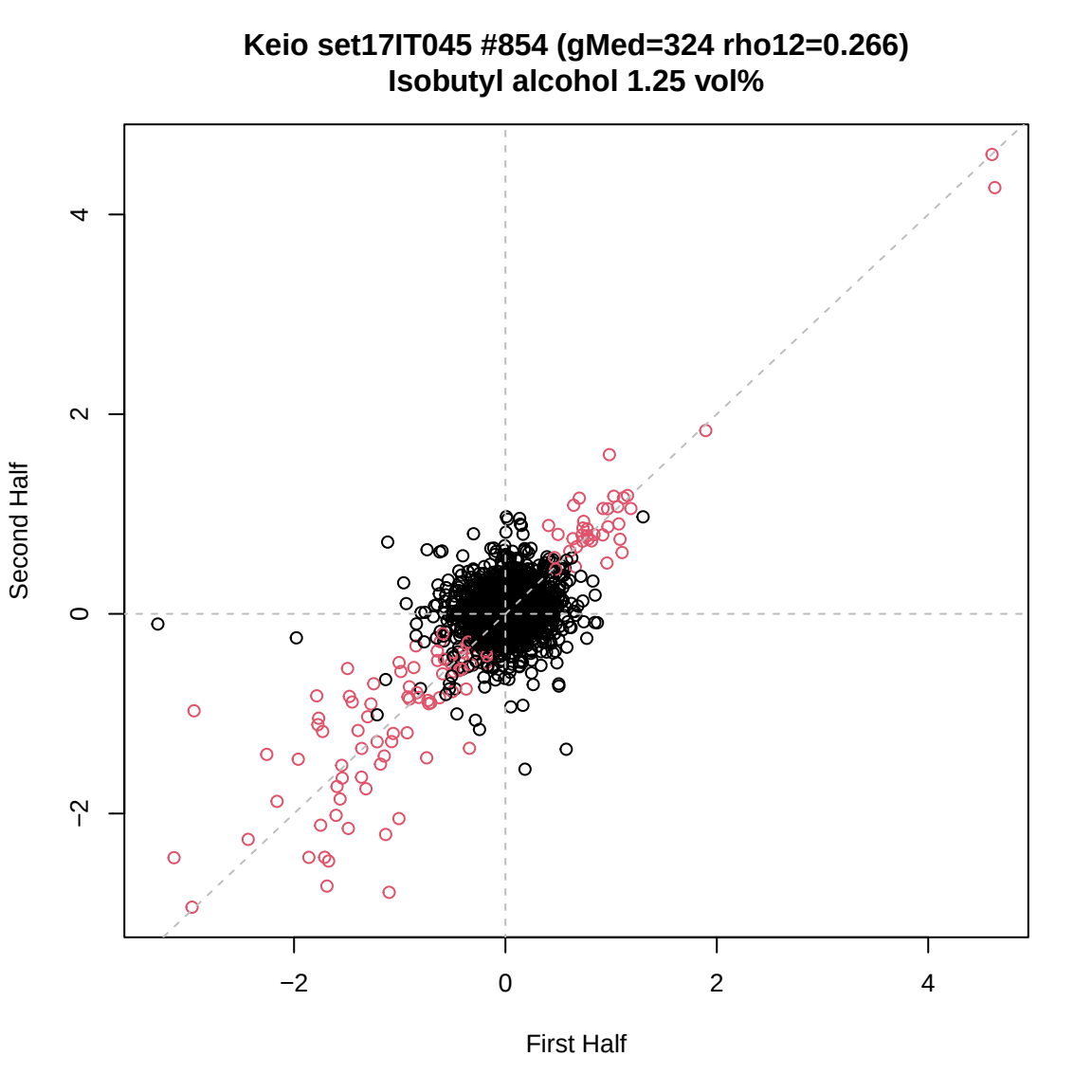

Keio set16IT096 #849 (gMed=248 rho12=0.068)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

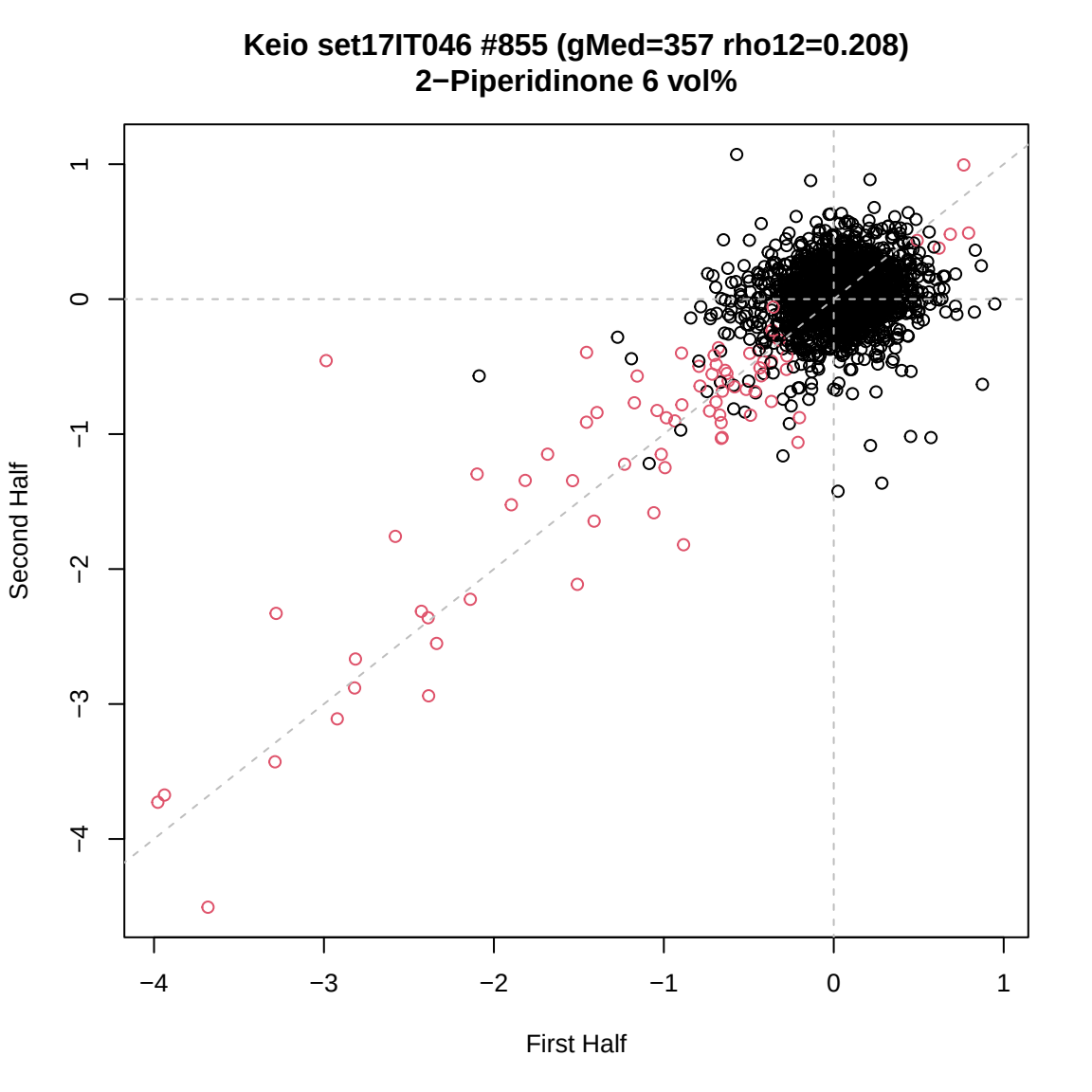

Keio set17IT041 #850 (gMed=315 rho12=−0.009)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

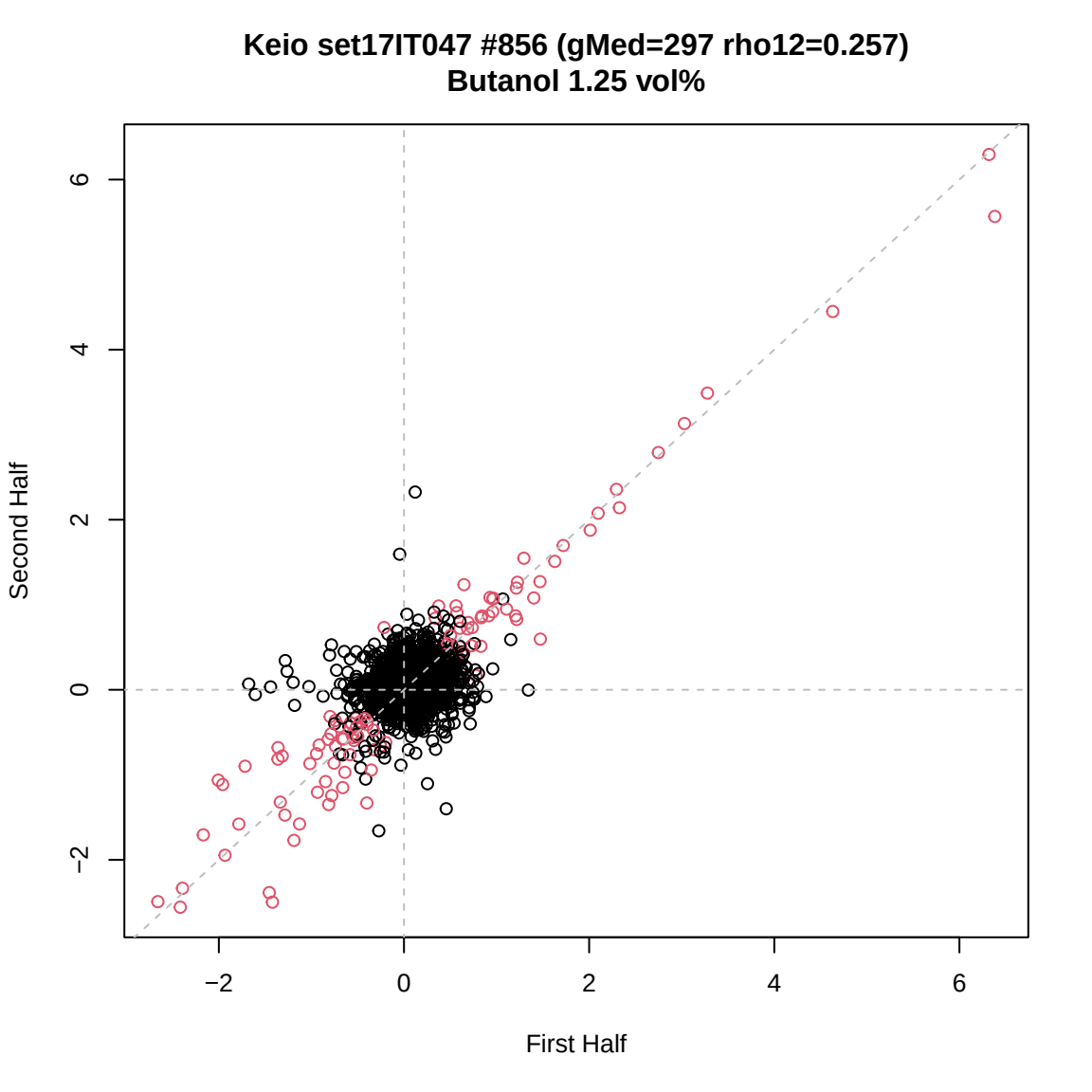

Keio set17IT042 #851 (gMed=270 rho12=0.043)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

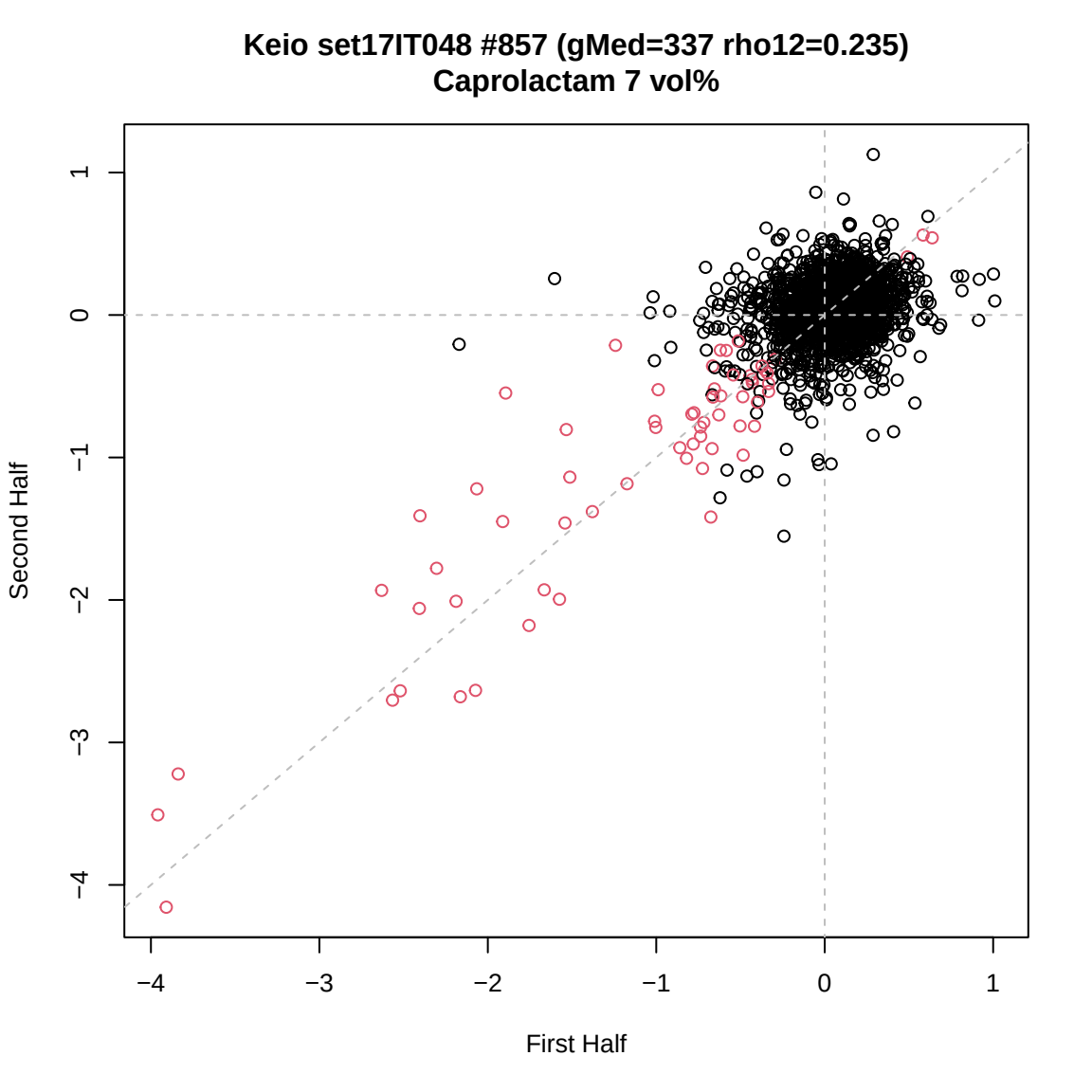

Keio set17IT043 #852 (gMed=298 rho12=0.031)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

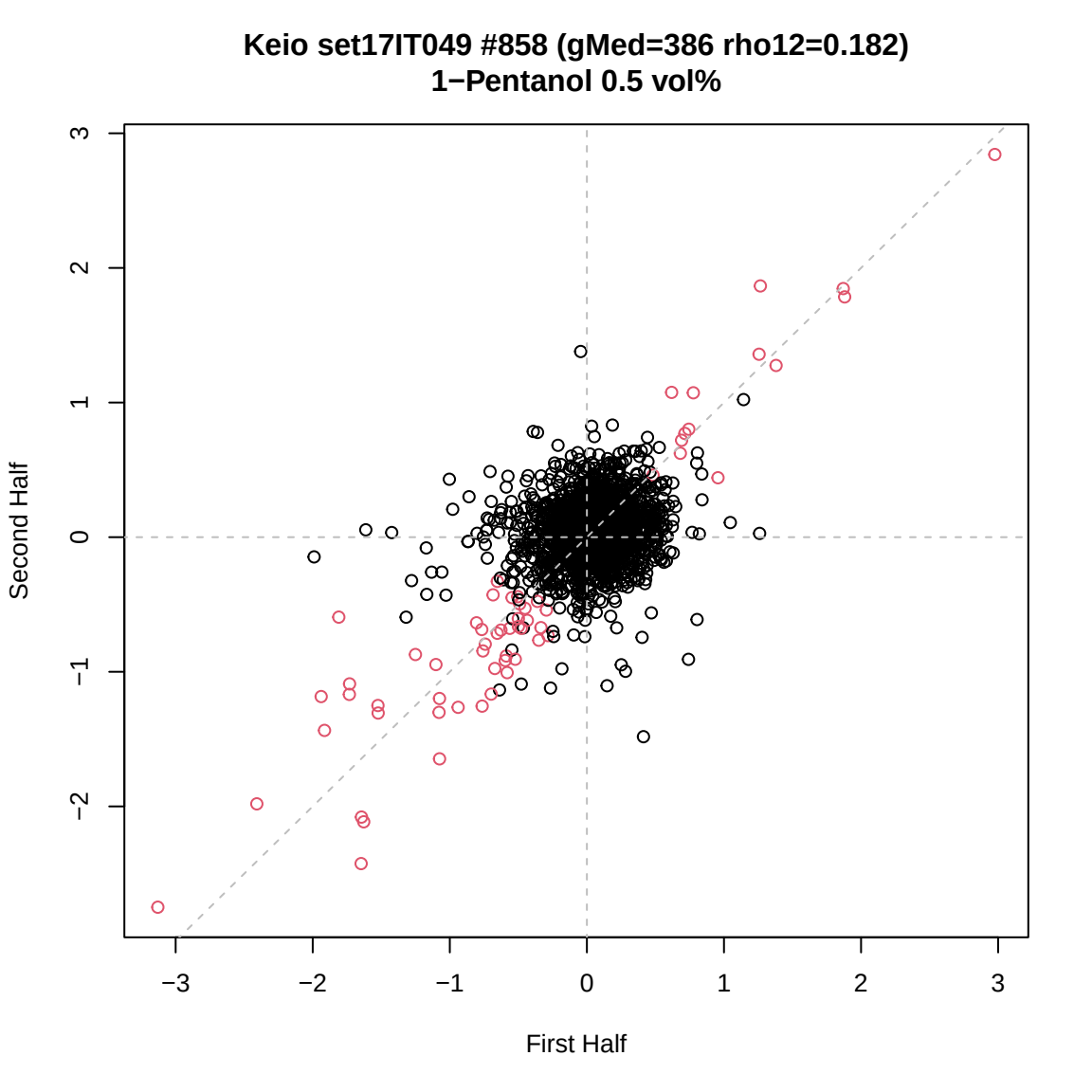

Keio set17IT044 #853 (gMed=372 rho12=0.205)
1,4−Butanediol 8 vol%
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

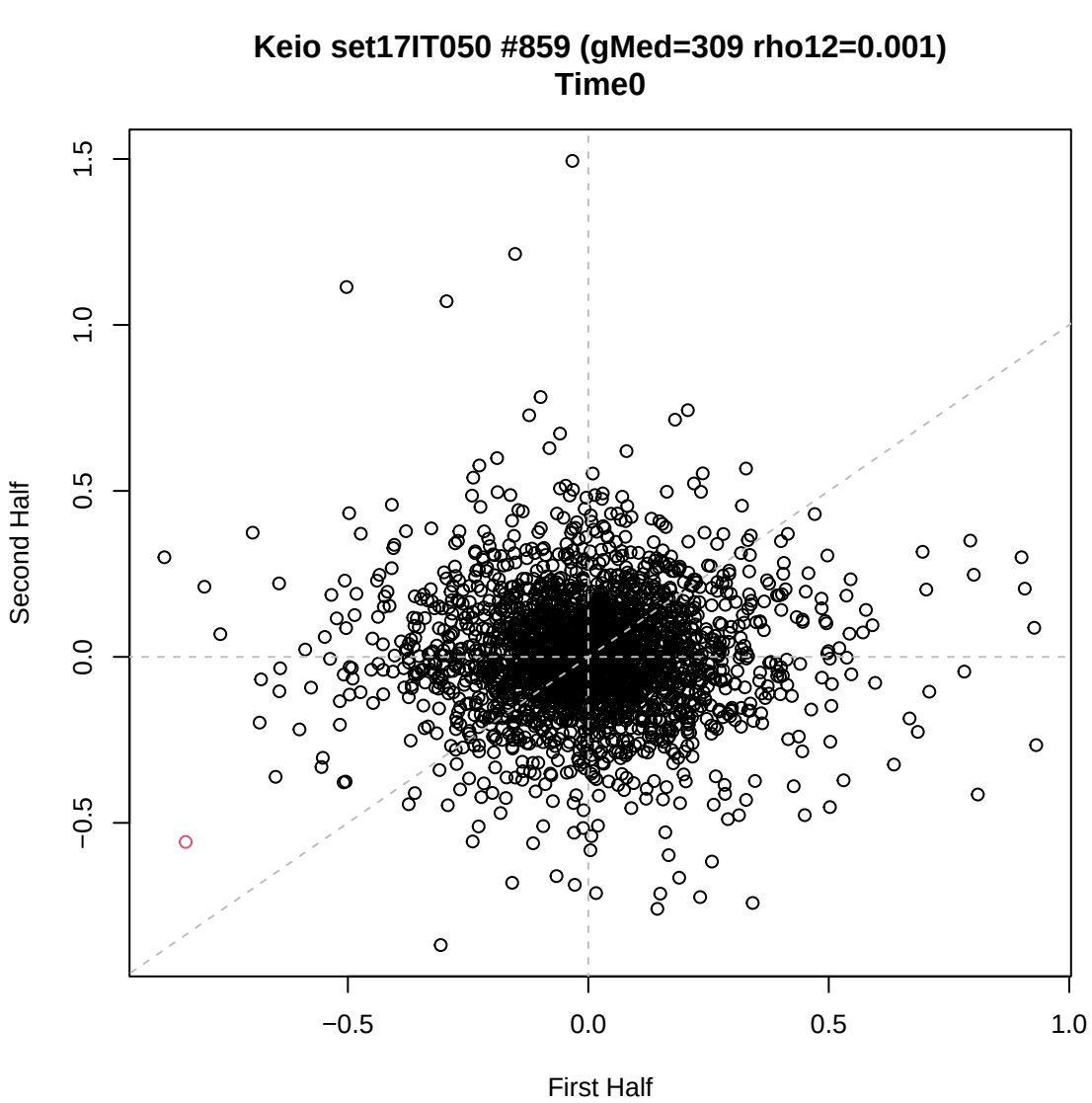

Keio set17IT045 #854 (gMed=324 rho12=0.266)
Isobutyl alcohol 1.25 vol%
Second Half
First Half
4
2
0
−2
−2
0
2
4

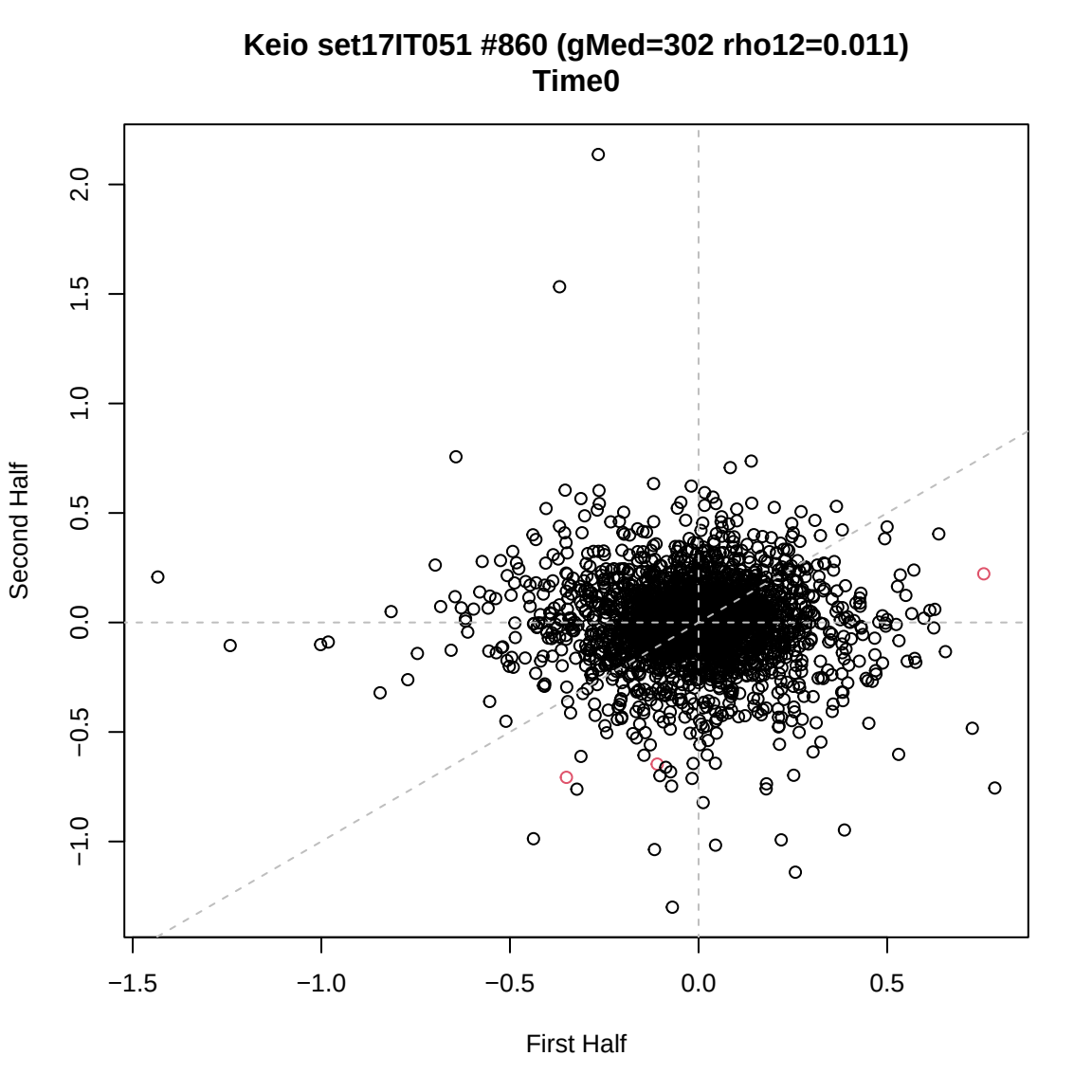

Keio set17IT046 #855 (gMed=357 rho12=0.208)
2−Piperidinone 6 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

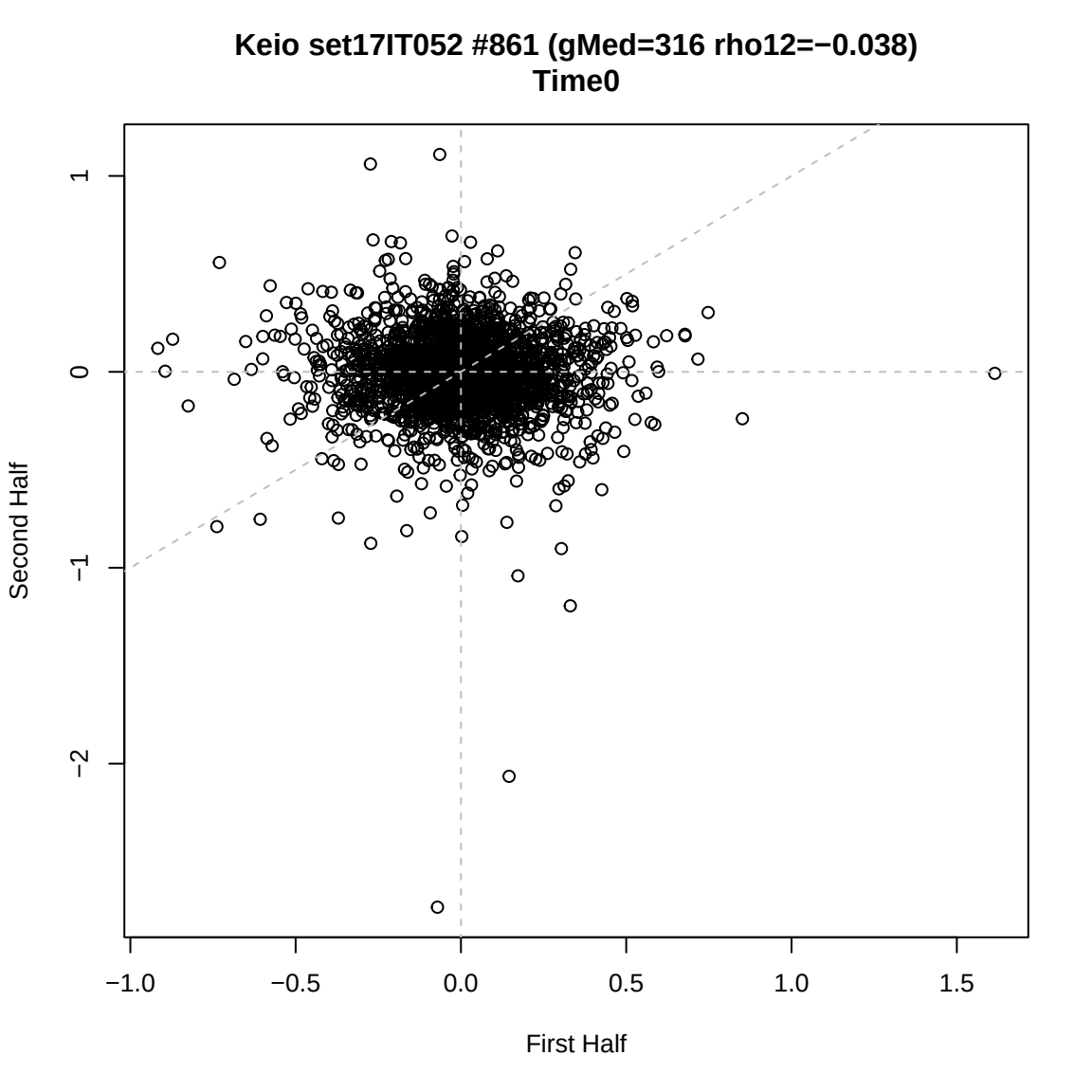

Keio set17IT047 #856 (gMed=297 rho12=0.257)
Butanol 1.25 vol%
Second Half
First Half
−2
0
2
4
6

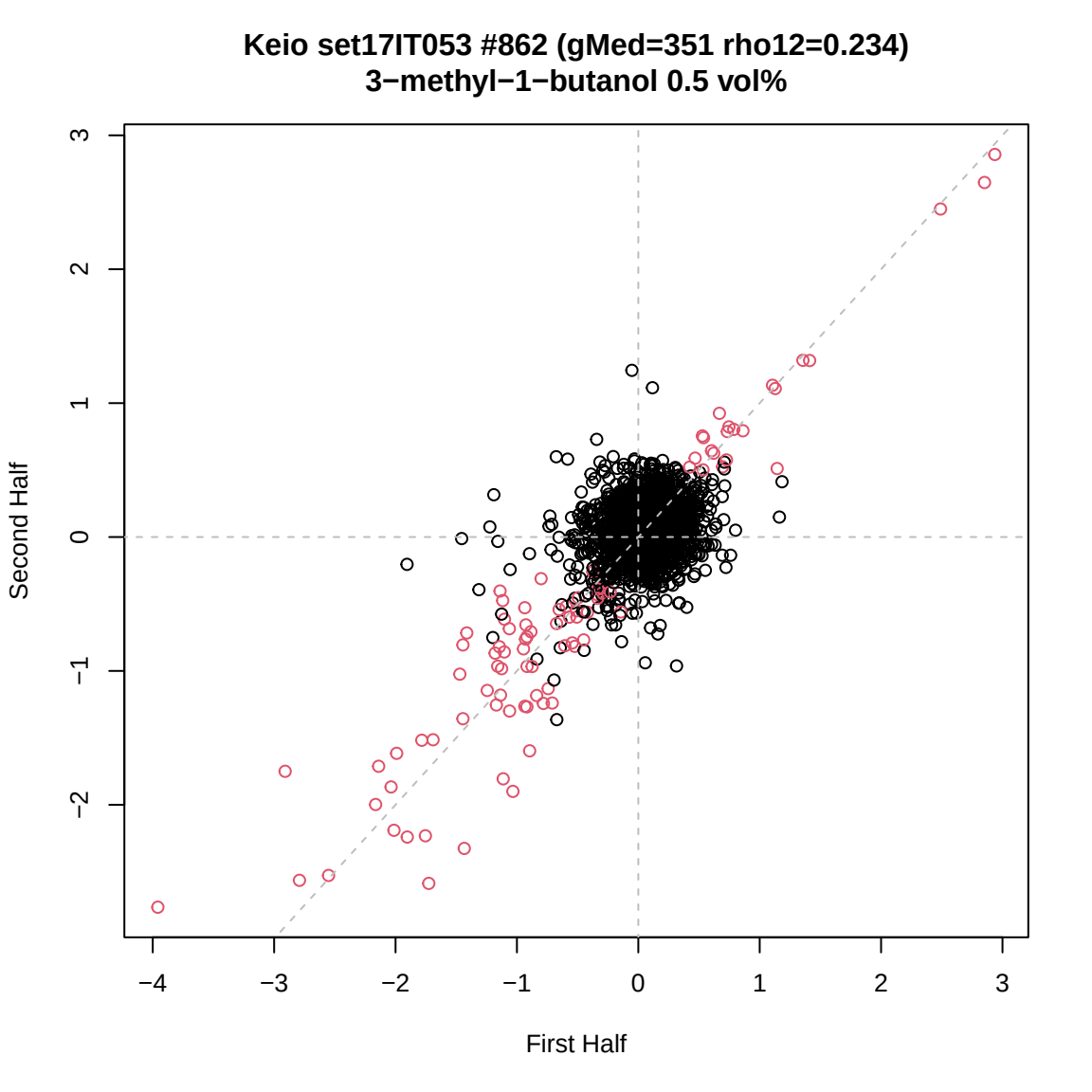

Keio set17IT048 #857 (gMed=337 rho12=0.235)
Caprolactam 7 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

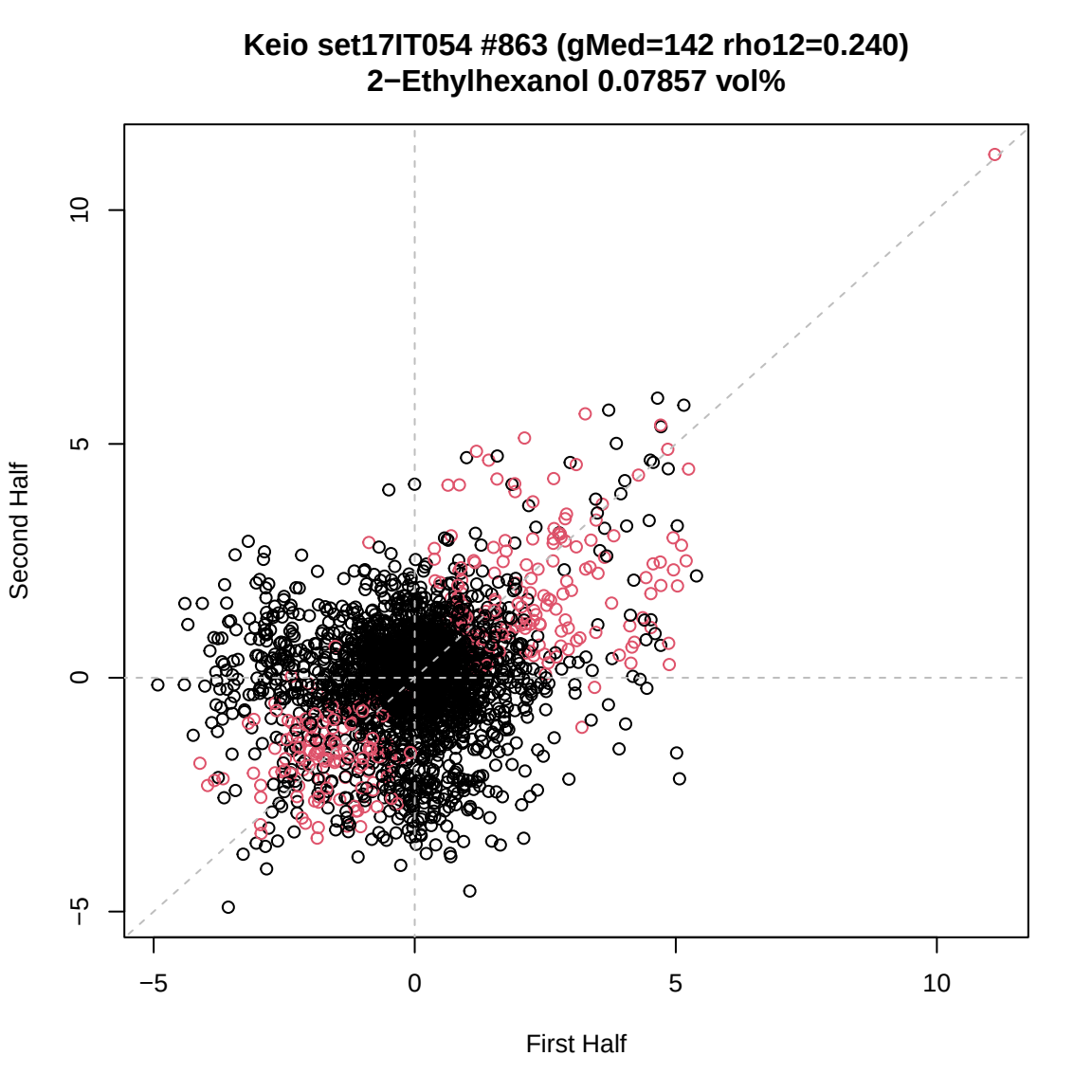

Keio set17IT049 #858 (gMed=386 rho12=0.182)
1−Pentanol 0.5 vol%
Second Half
First Half
3
2
1
0
−1
−2
−3

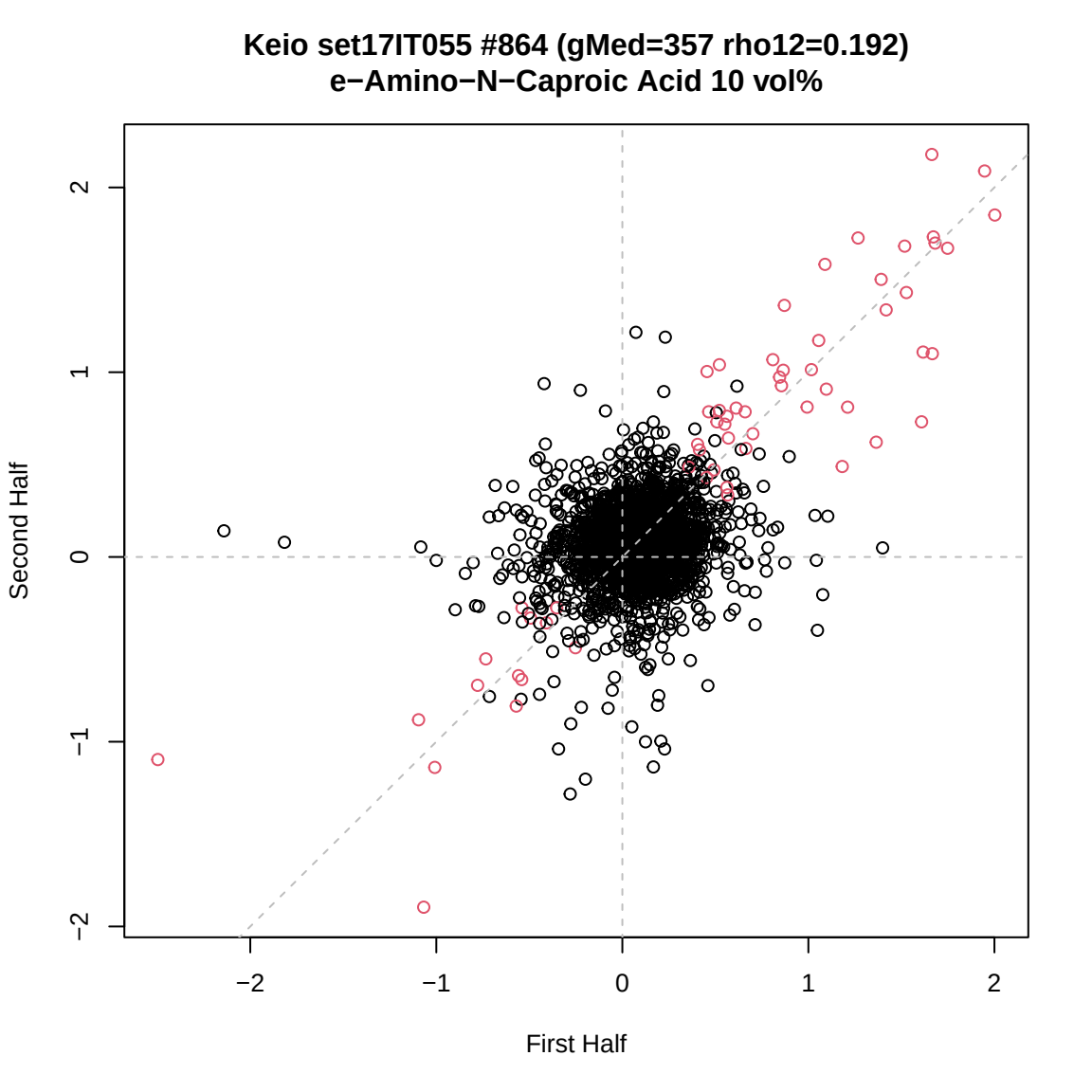

Keio set17IT050 #859 (gMed=309 rho12=0.001)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−0.5
0.0
0.5
1.0

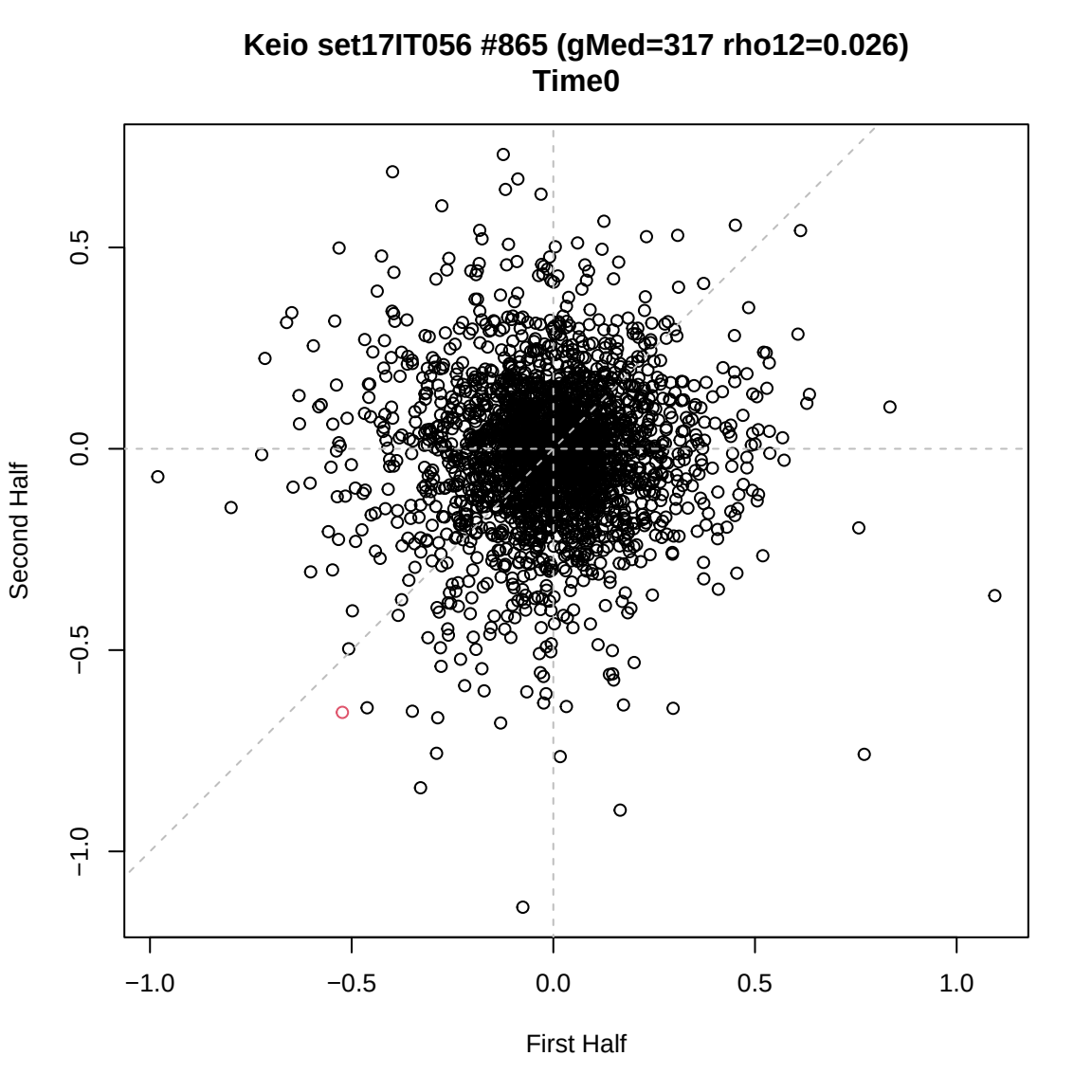

Keio set17IT051 #860 (gMed=302 rho12=0.011)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

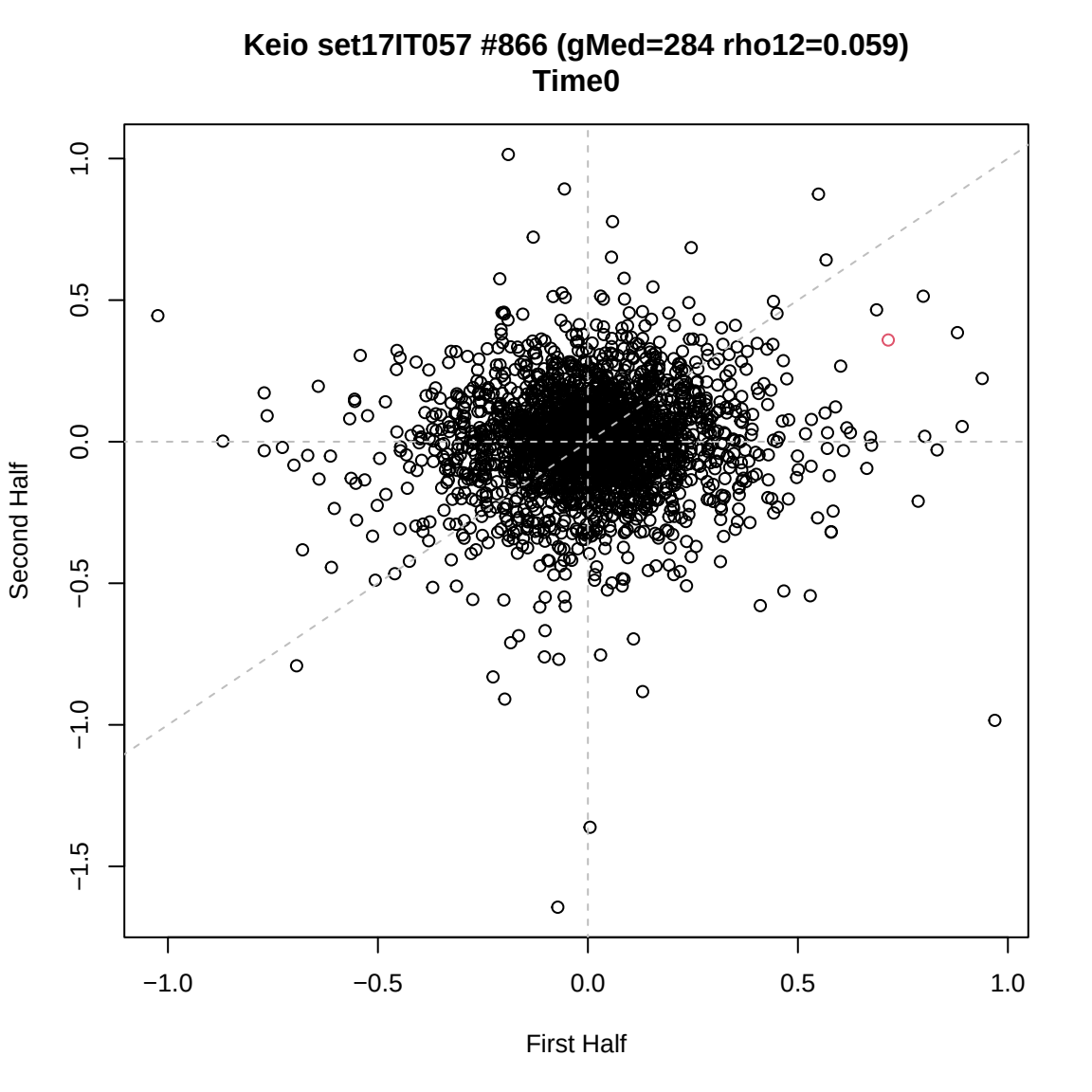

Keio set17IT052 #861 (gMed=316 rho12=−0.038)
Time0
Second Half
First Half
1
0
−1
−2
−1.0
−0.5
0.0
0.5
1.0
1.5

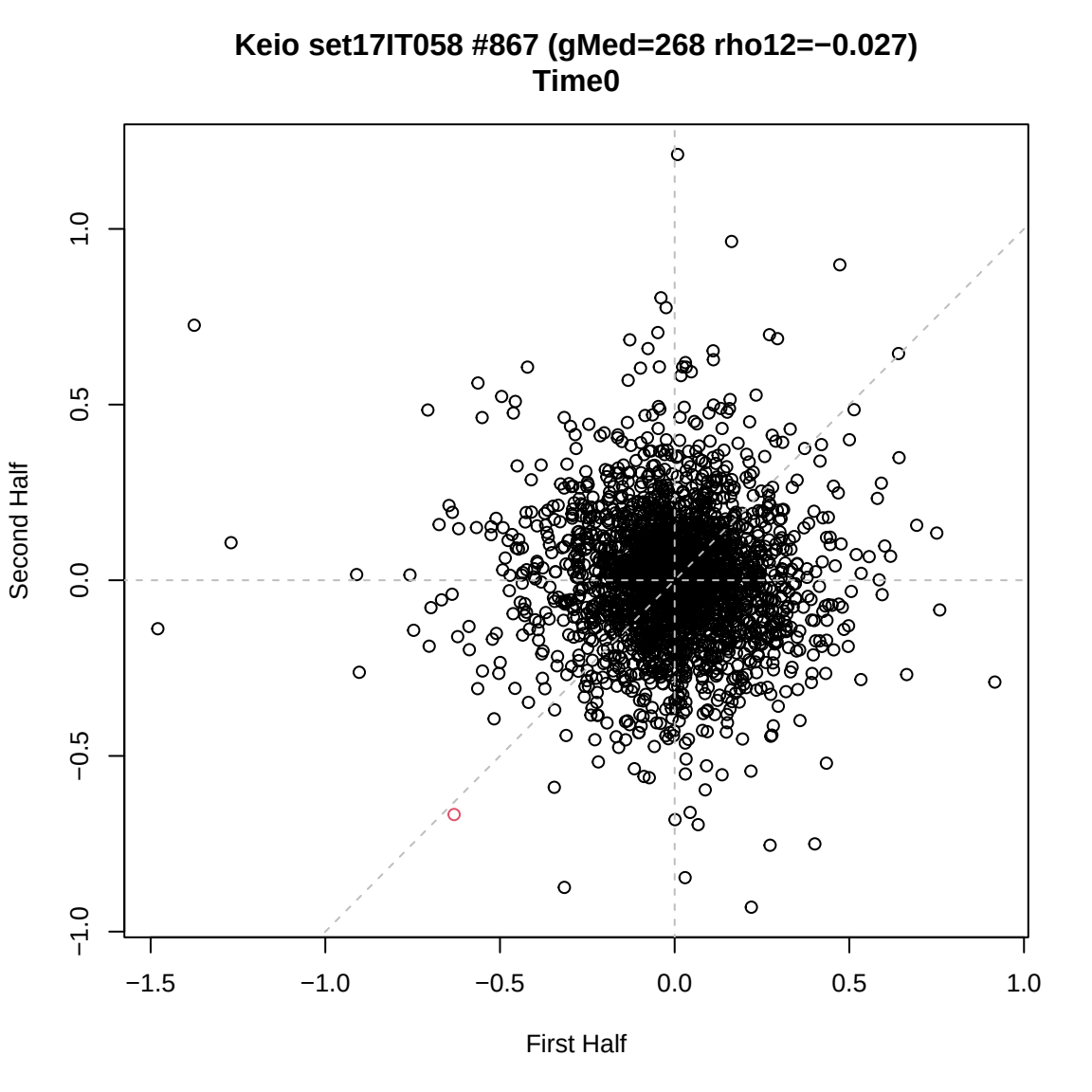

Keio set17IT053 #862 (gMed=351 rho12=0.234)
3−methyl−1−butanol 0.5 vol%
Second Half
First Half
3
2
1
0
−1
−2
−4
−3
−2
−1
0
1
2
3

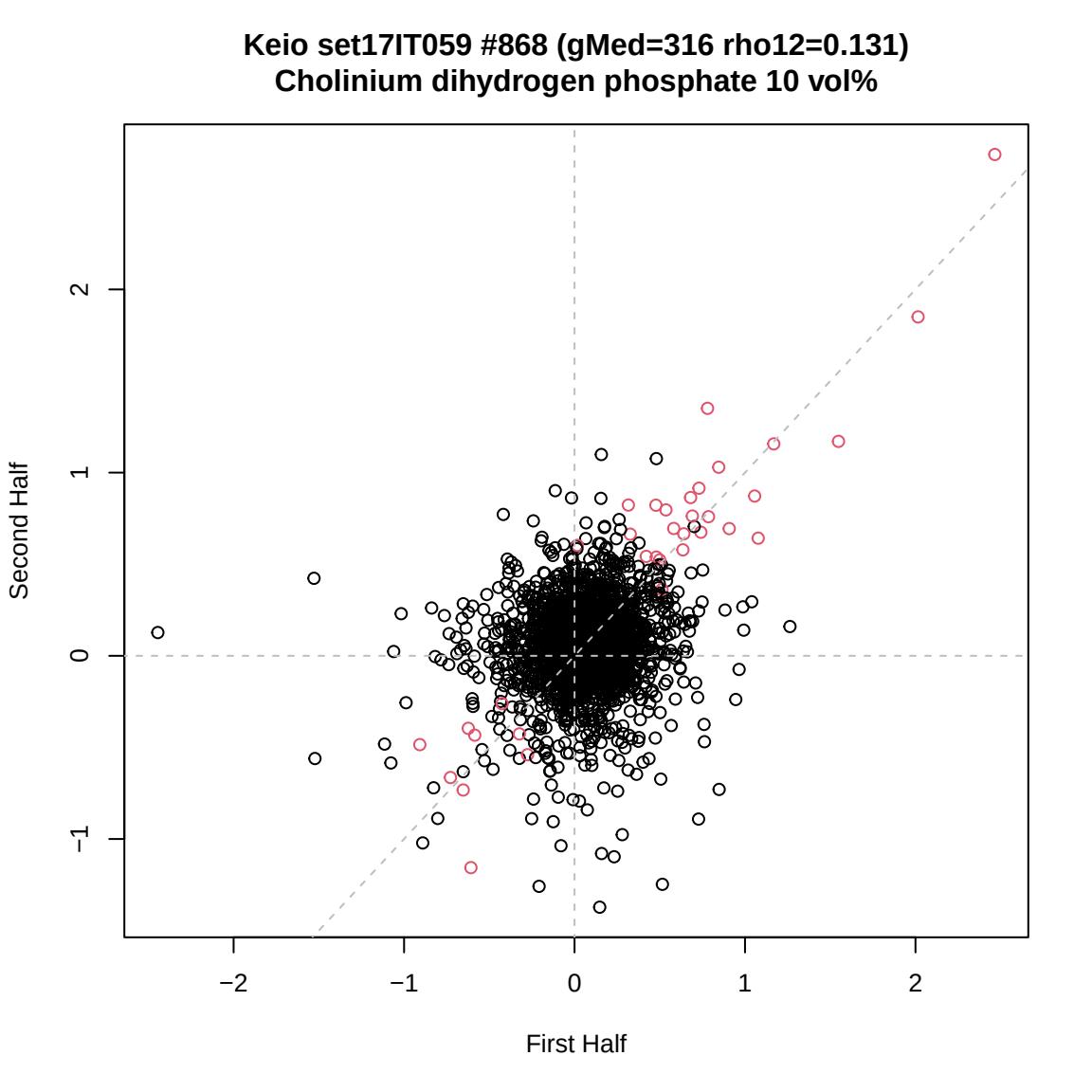

Keio set17IT054 #863 (gMed=142 rho12=0.240)
2−Ethylhexanol 0.07857 vol%
Second Half
First Half
10
5
0
−5
−5
0
5
10

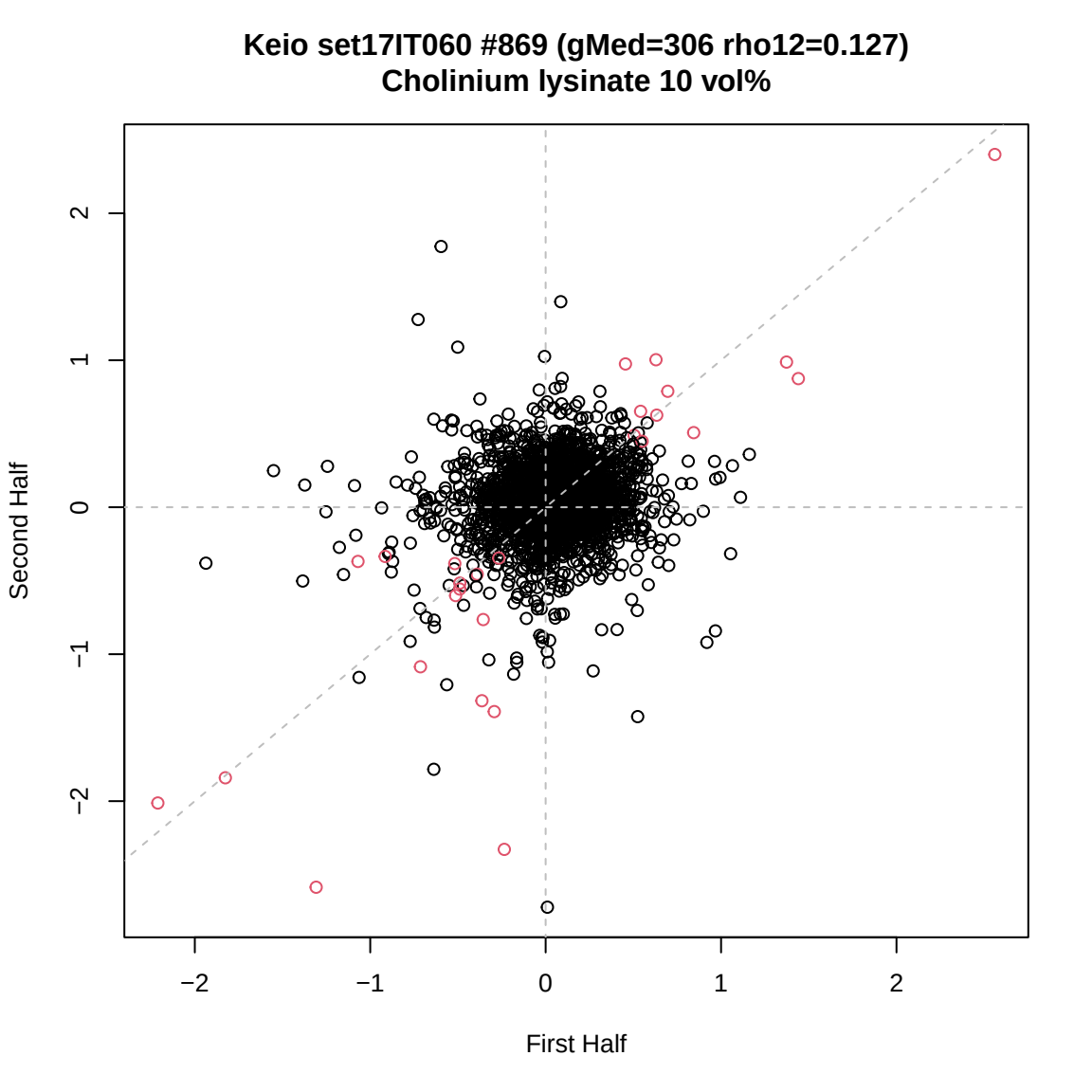

Keio set17IT055 #864 (gMed=357 rho12=0.192)
e−Amino−N−Caproic Acid 10 vol%
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

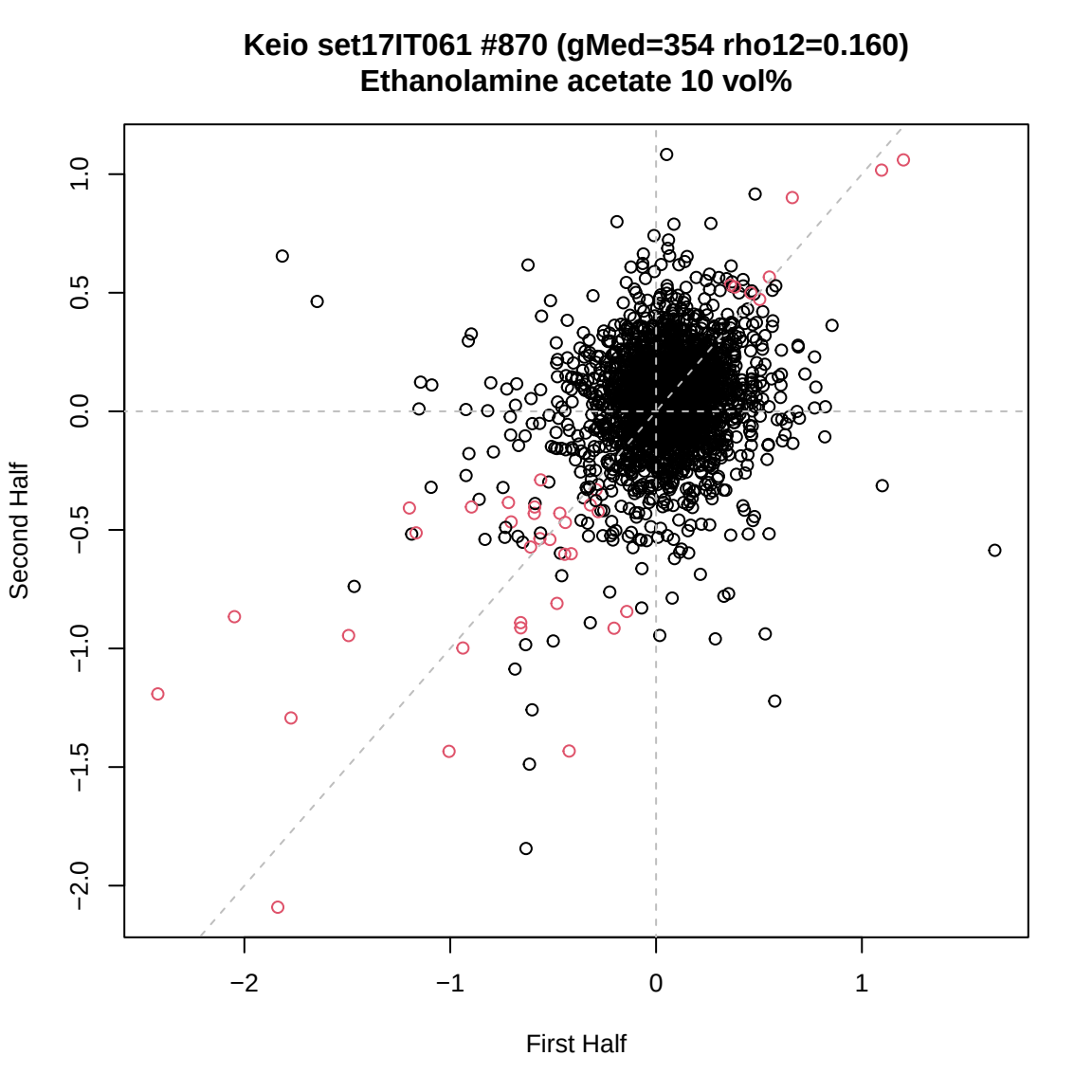

Keio set17IT056 #865 (gMed=317 rho12=0.026)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

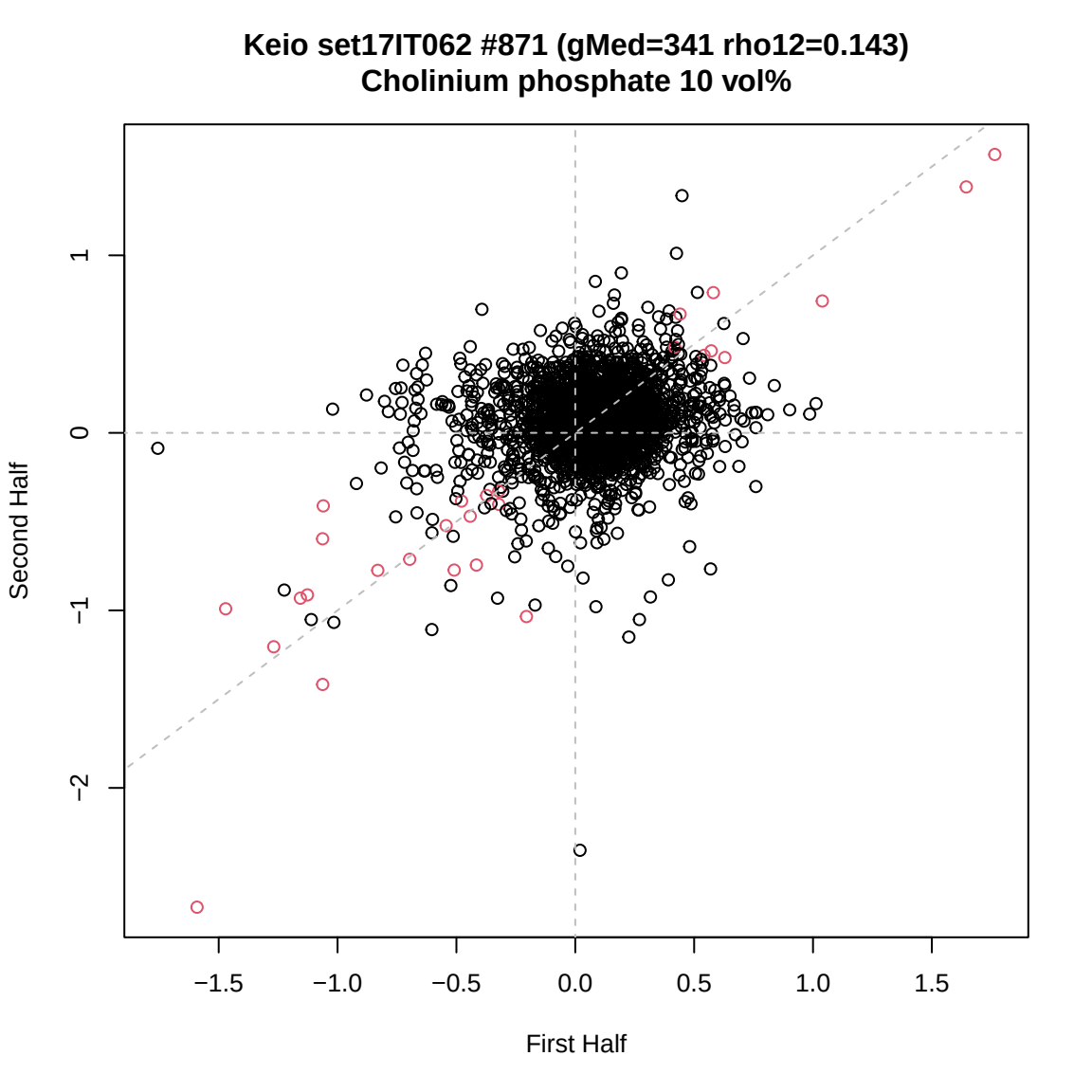

Keio set17IT057 #866 (gMed=284 rho12=0.059)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

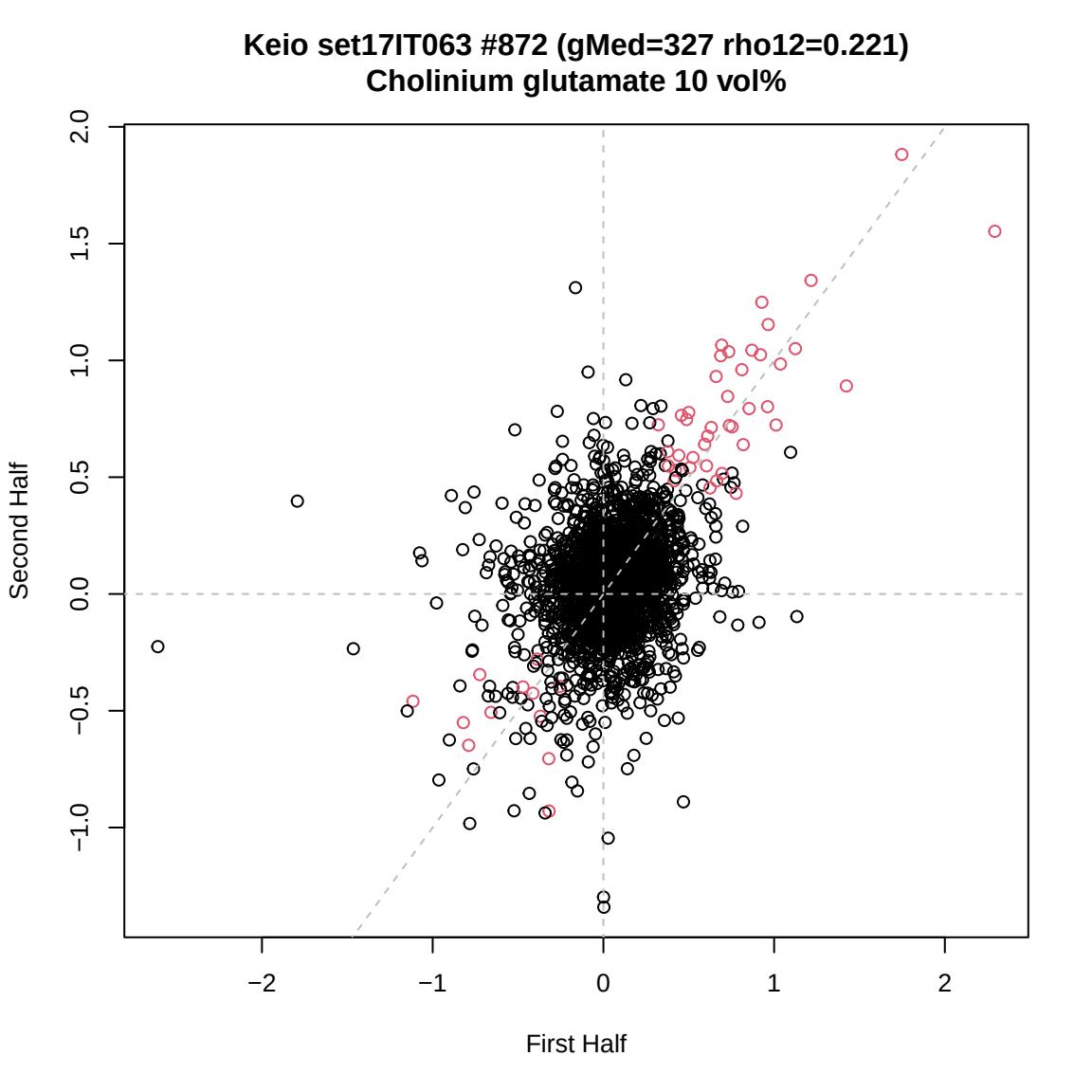

Keio set17IT058 #867 (gMed=268 rho12=−0.027)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

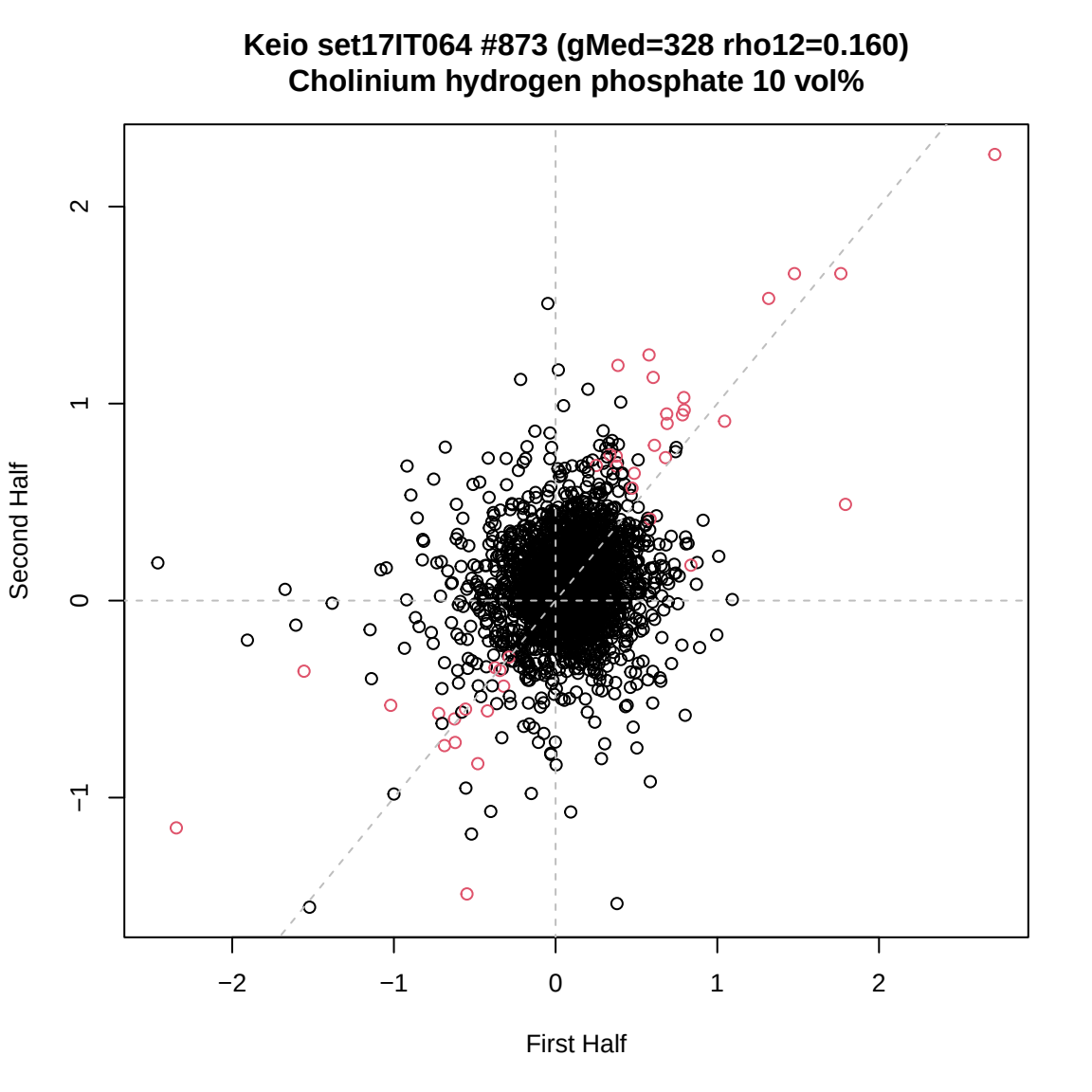

Keio set17IT059 #868 (gMed=316 rho12=0.131)
Cholinium dihydrogen phosphate 10 vol%
Second Half
First Half
−2
−1
0
1
2
−1
0
1
2

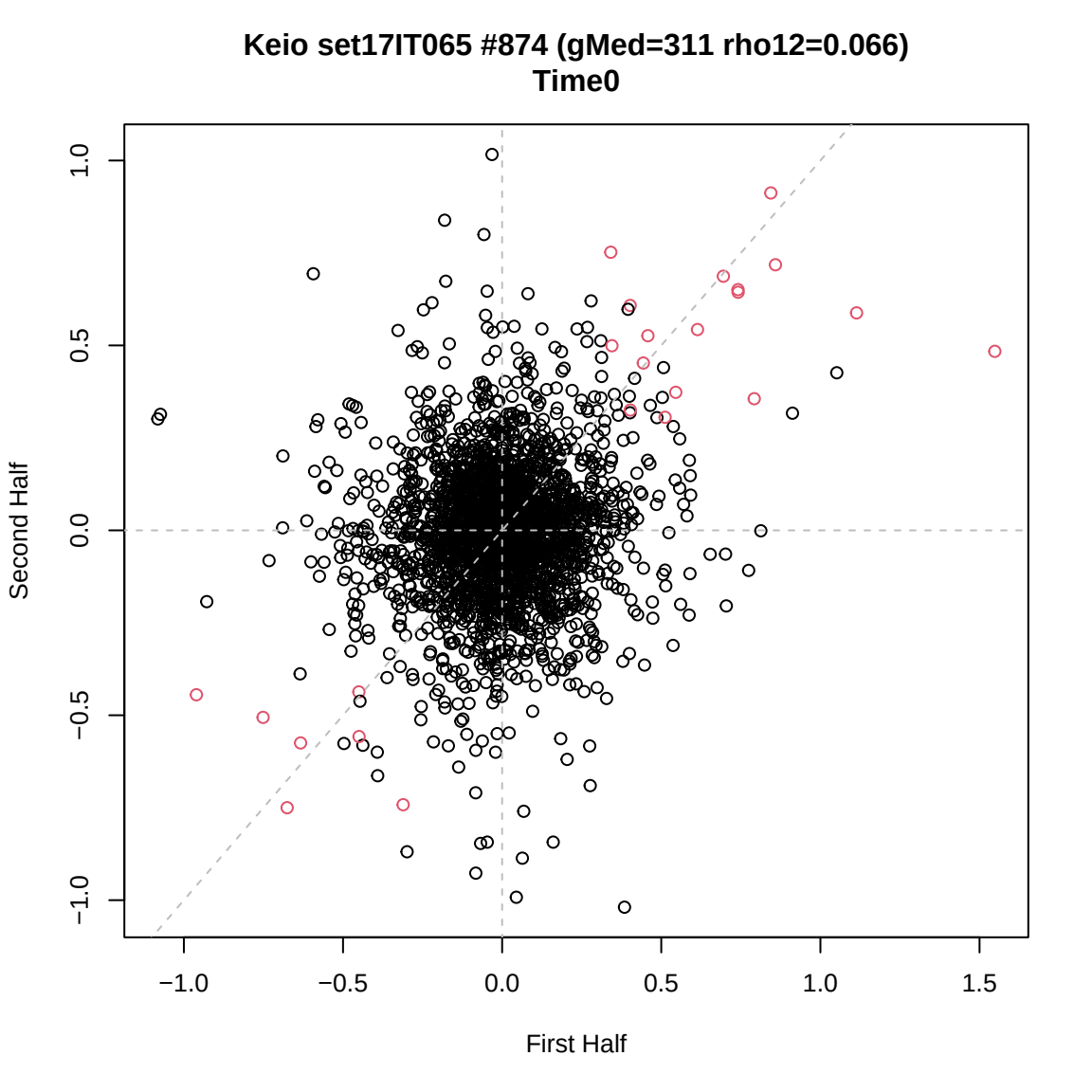

Keio set17IT060 #869 (gMed=306 rho12=0.127)
Cholinium lysinate 10 vol%
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

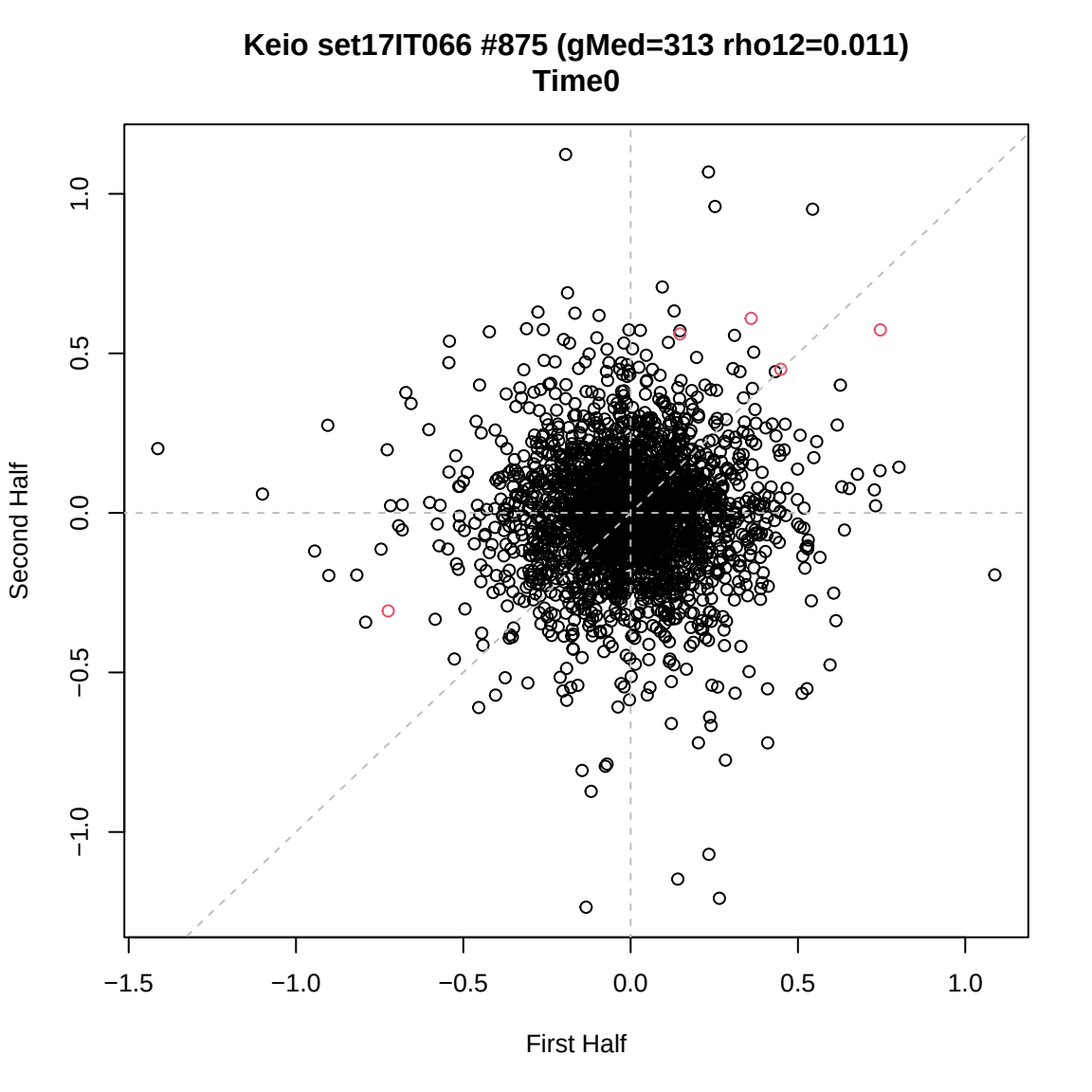

Keio set17IT061 #870 (gMed=354 rho12=0.160)
Ethanolamine acetate 10 vol%
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

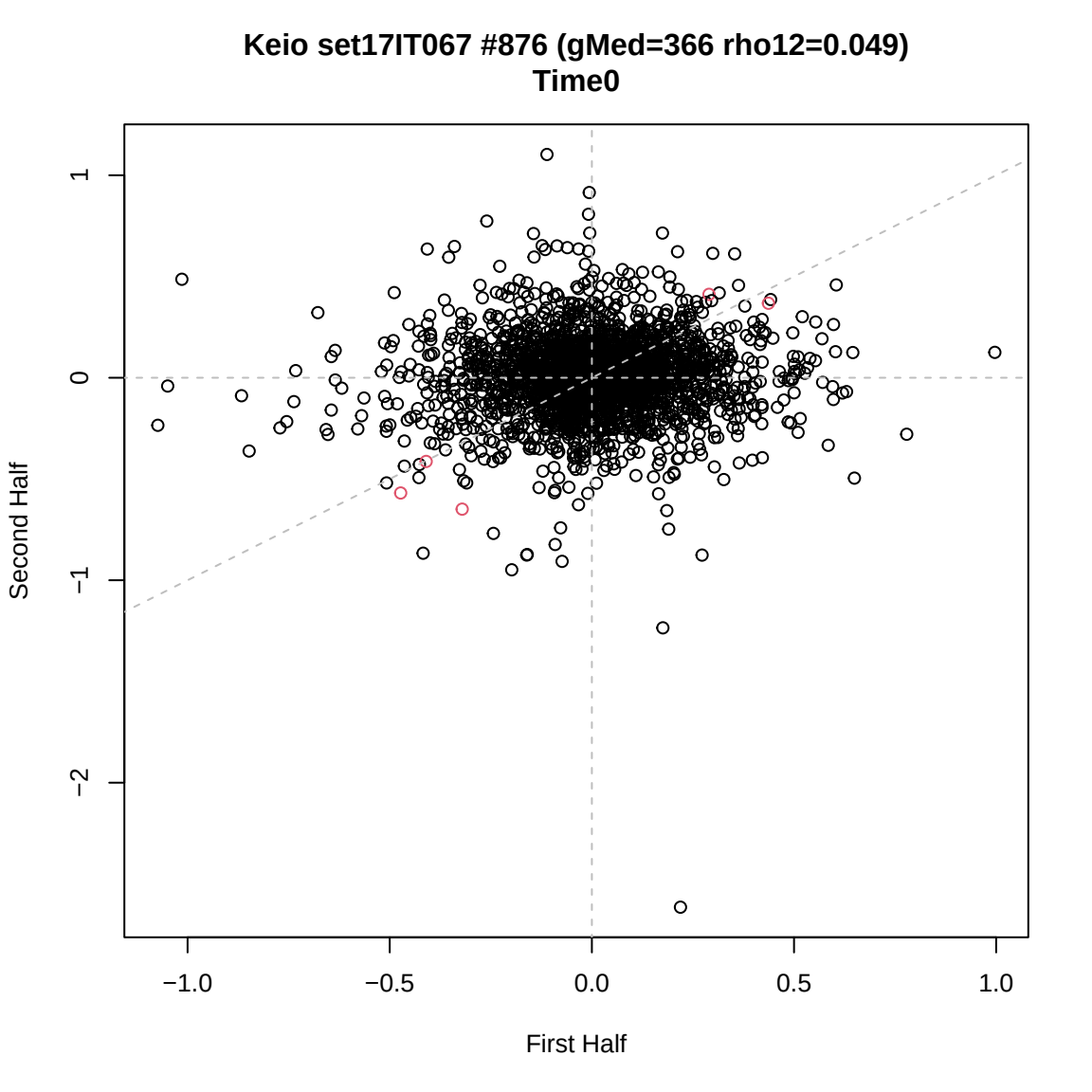

Keio set17IT062 #871 (gMed=341 rho12=0.143)
Cholinium phosphate 10 vol%
Second Half
First Half
1
0
−1
−2
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

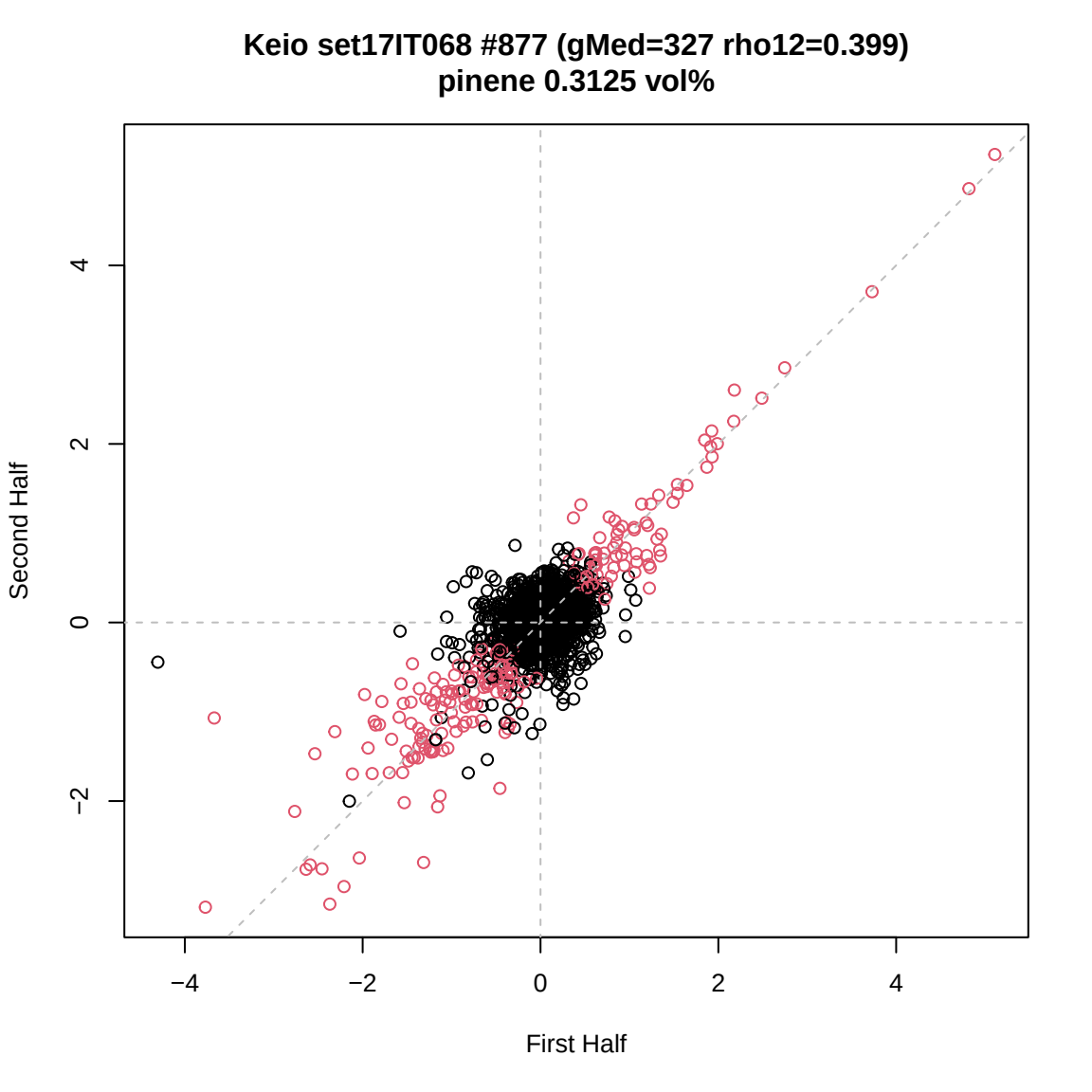

Keio set17IT063 #872 (gMed=327 rho12=0.221)
Cholinium glutamate 10 vol%
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−2
−1
0
1
2

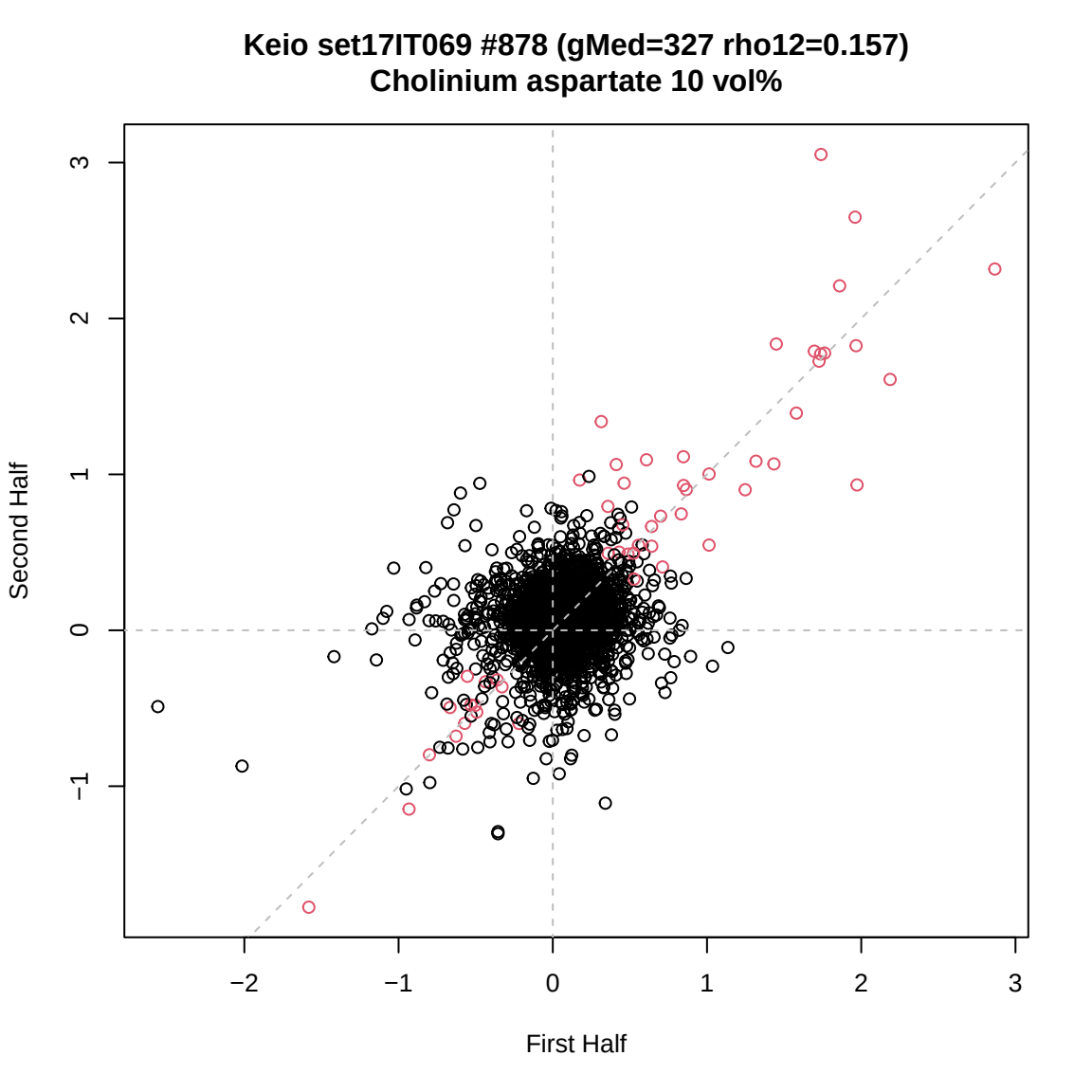

Keio set17IT064 #873 (gMed=328 rho12=0.160)
Cholinium hydrogen phosphate 10 vol%
Second Half
First Half
2
1
0
−1
−2
−1
0
1
2

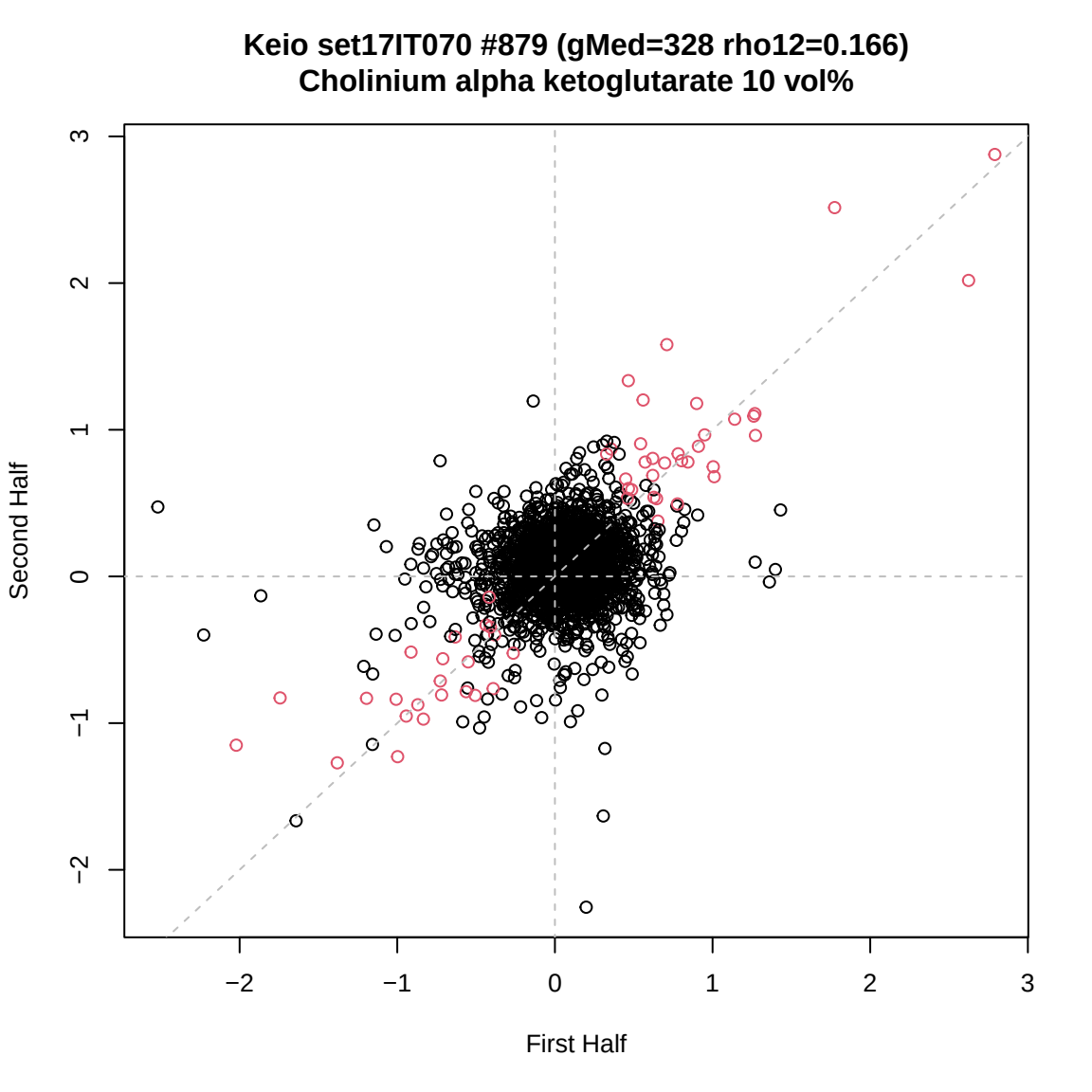

Keio set17IT065 #874 (gMed=311 rho12=0.066)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

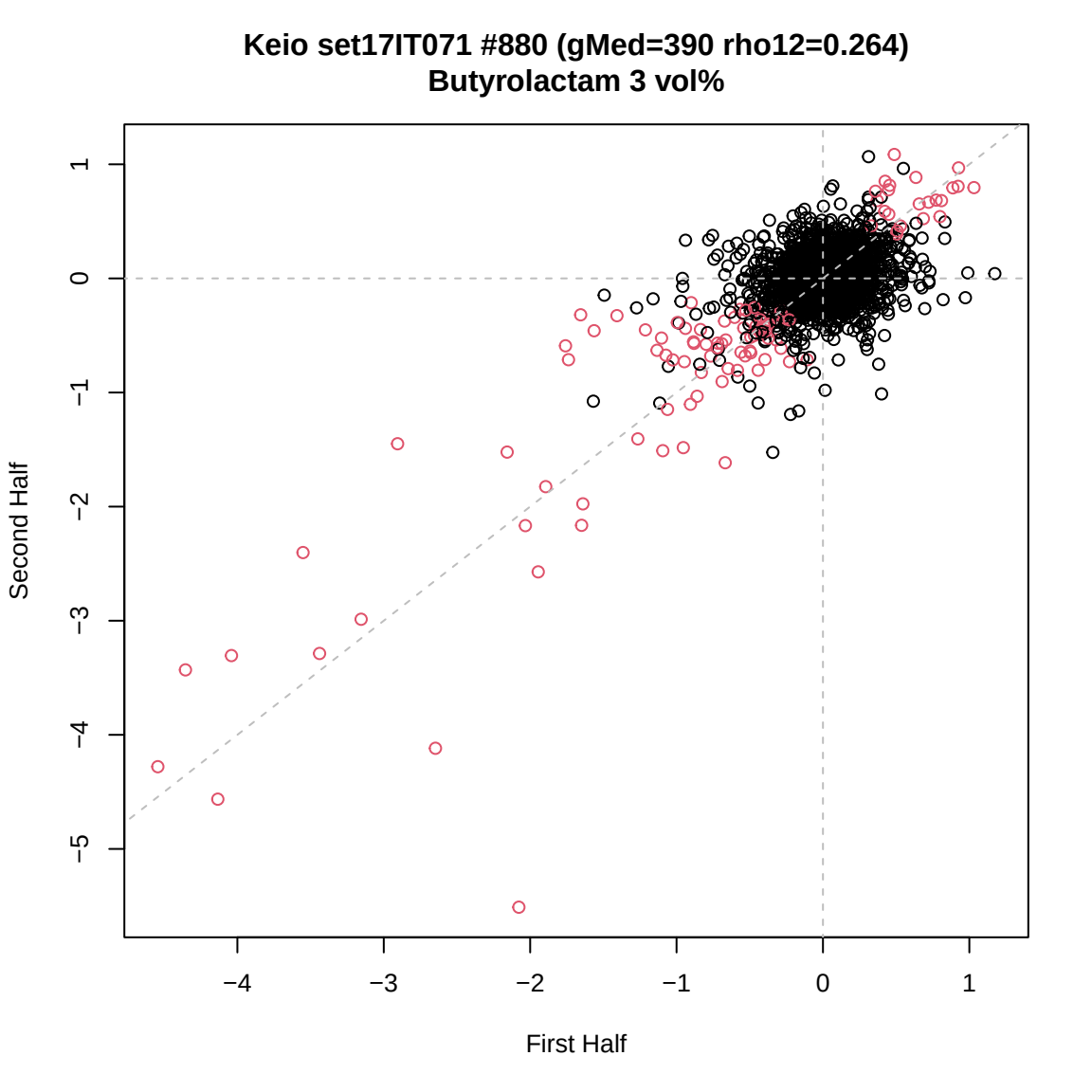

Keio set17IT066 #875 (gMed=313 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

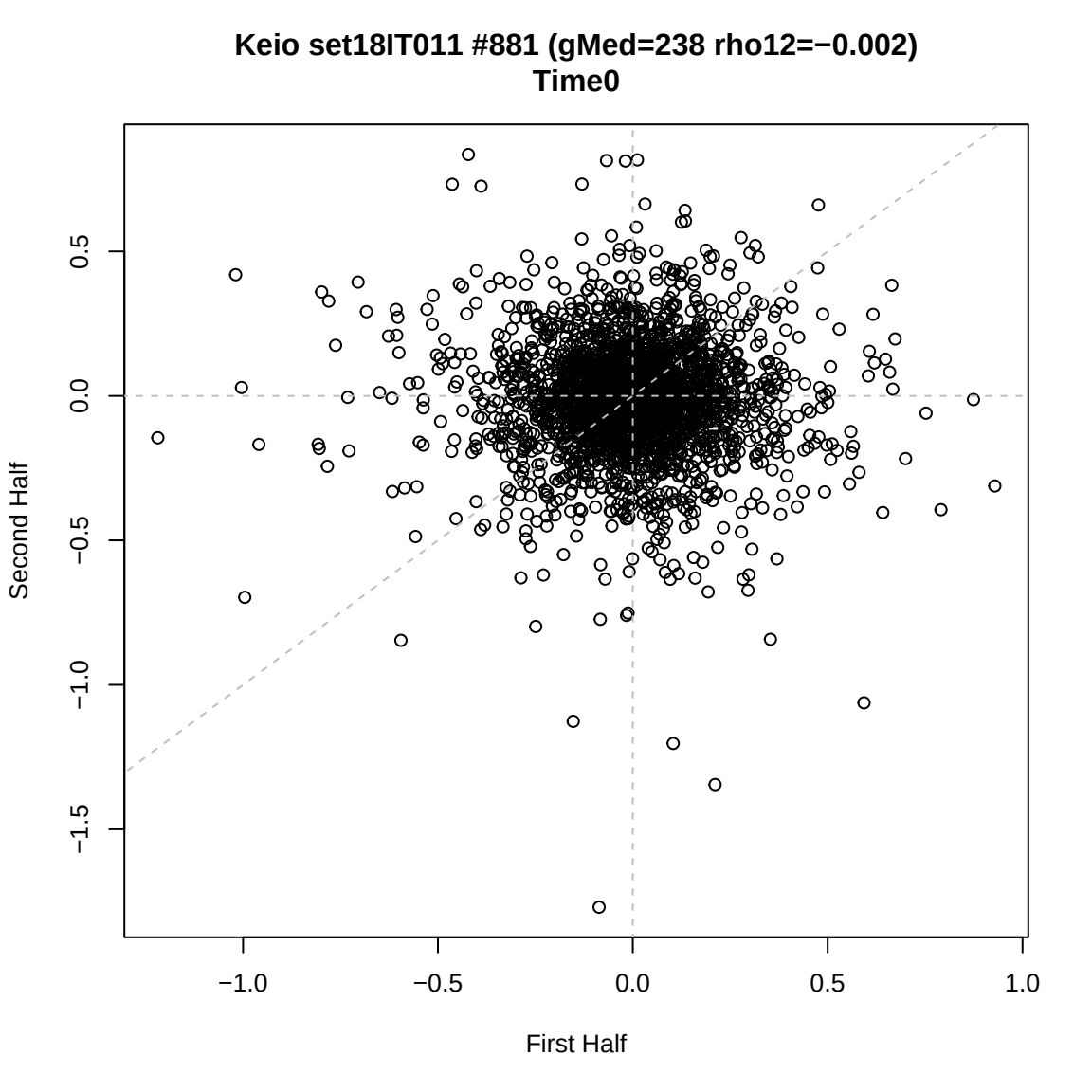

Keio set17IT067 #876 (gMed=366 rho12=0.049)
Time0
Second Half
First Half
1
0
−1
−2
−1.0
−0.5
0.0
0.5
1.0

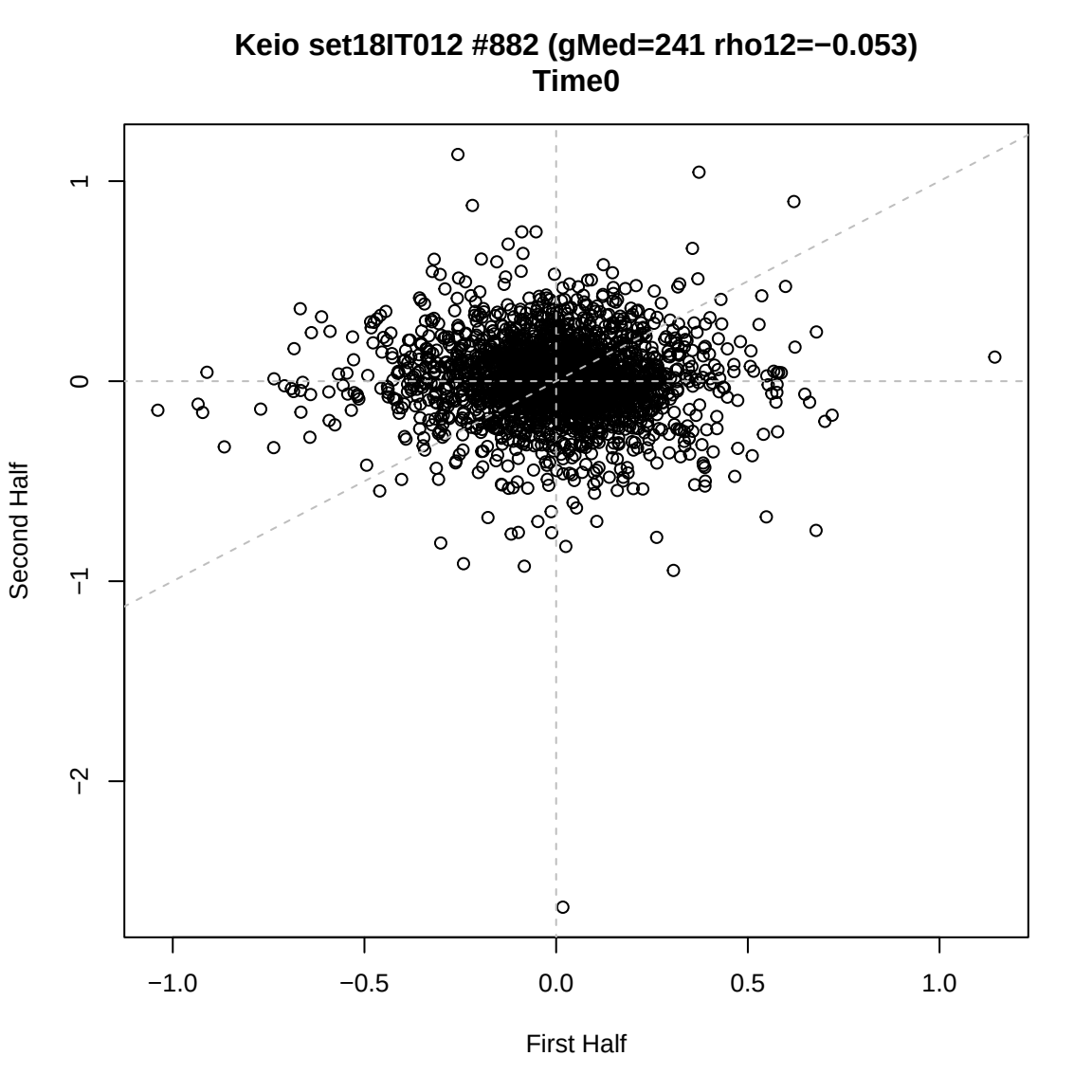

Keio set17IT068 #877 (gMed=327 rho12=0.399)
pinene 0.3125 vol%
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

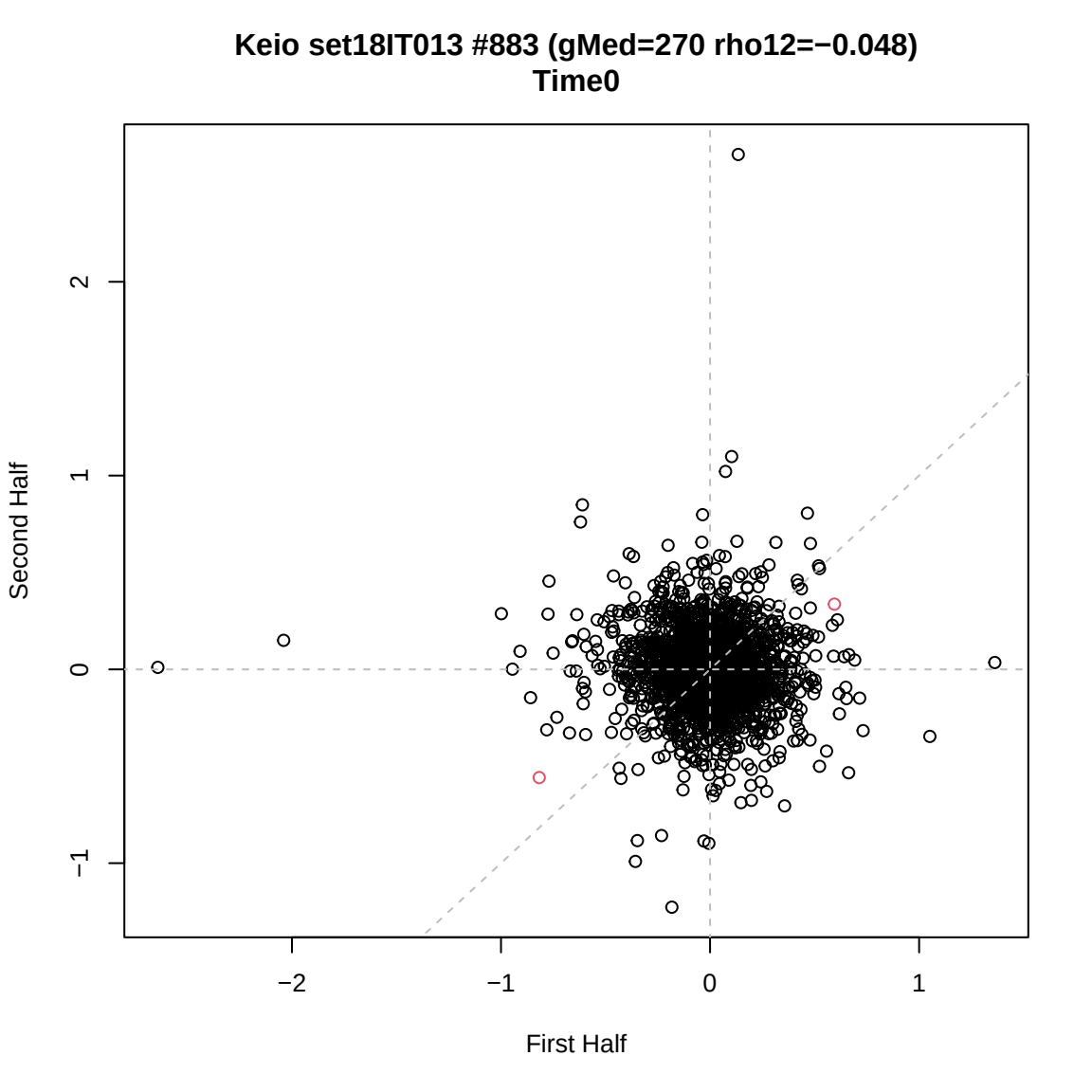

Keio set17IT069 #878 (gMed=327 rho12=0.157)
Cholinium aspartate 10 vol%
Second Half
First Half
3
2
1
0
−1
−2
−1
0
1
2
3

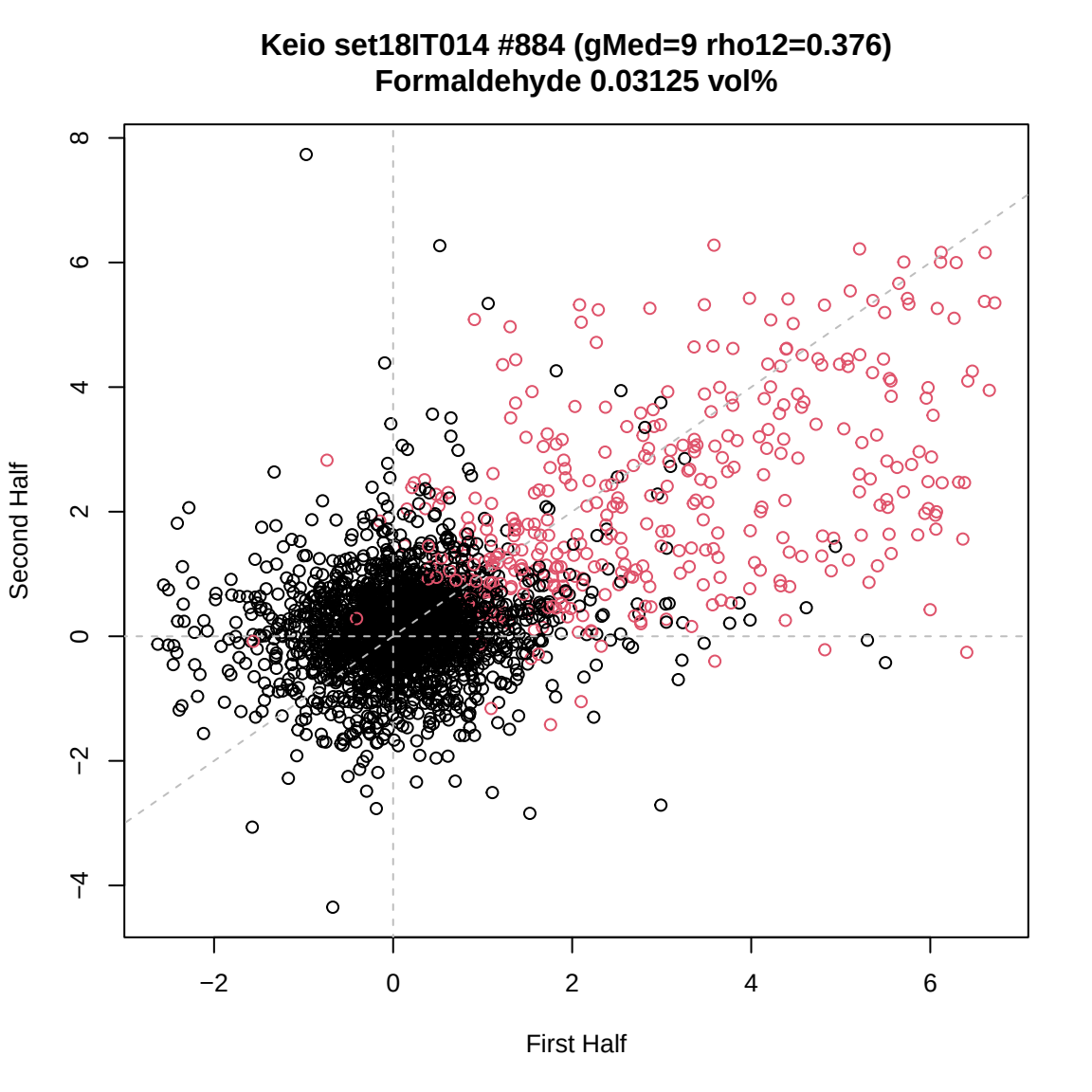

Keio set17IT070 #879 (gMed=328 rho12=0.166)
Cholinium alpha ketoglutarate 10 vol%
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

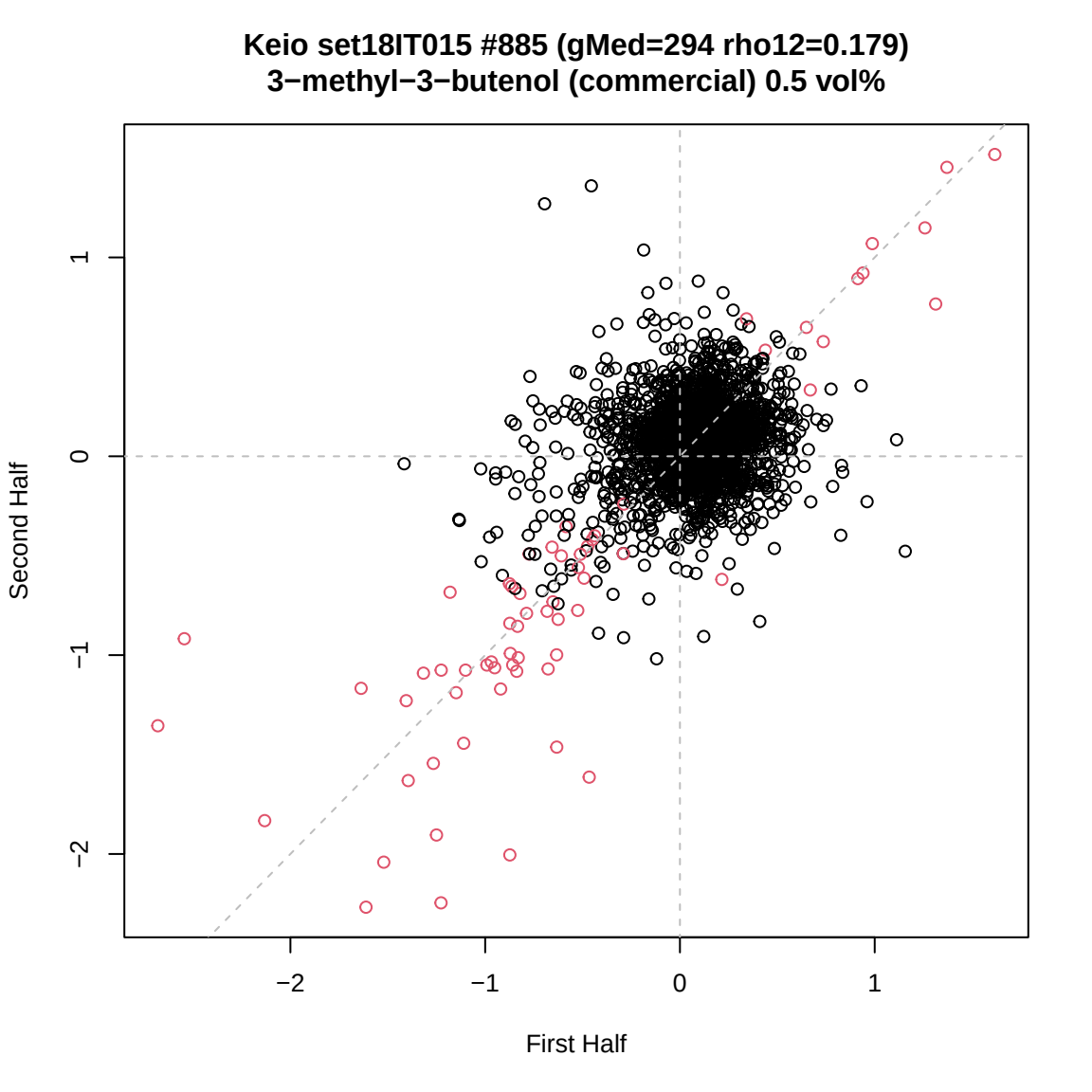

Keio set17IT071 #880 (gMed=390 rho12=0.264)
Butyrolactam 3 vol%
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

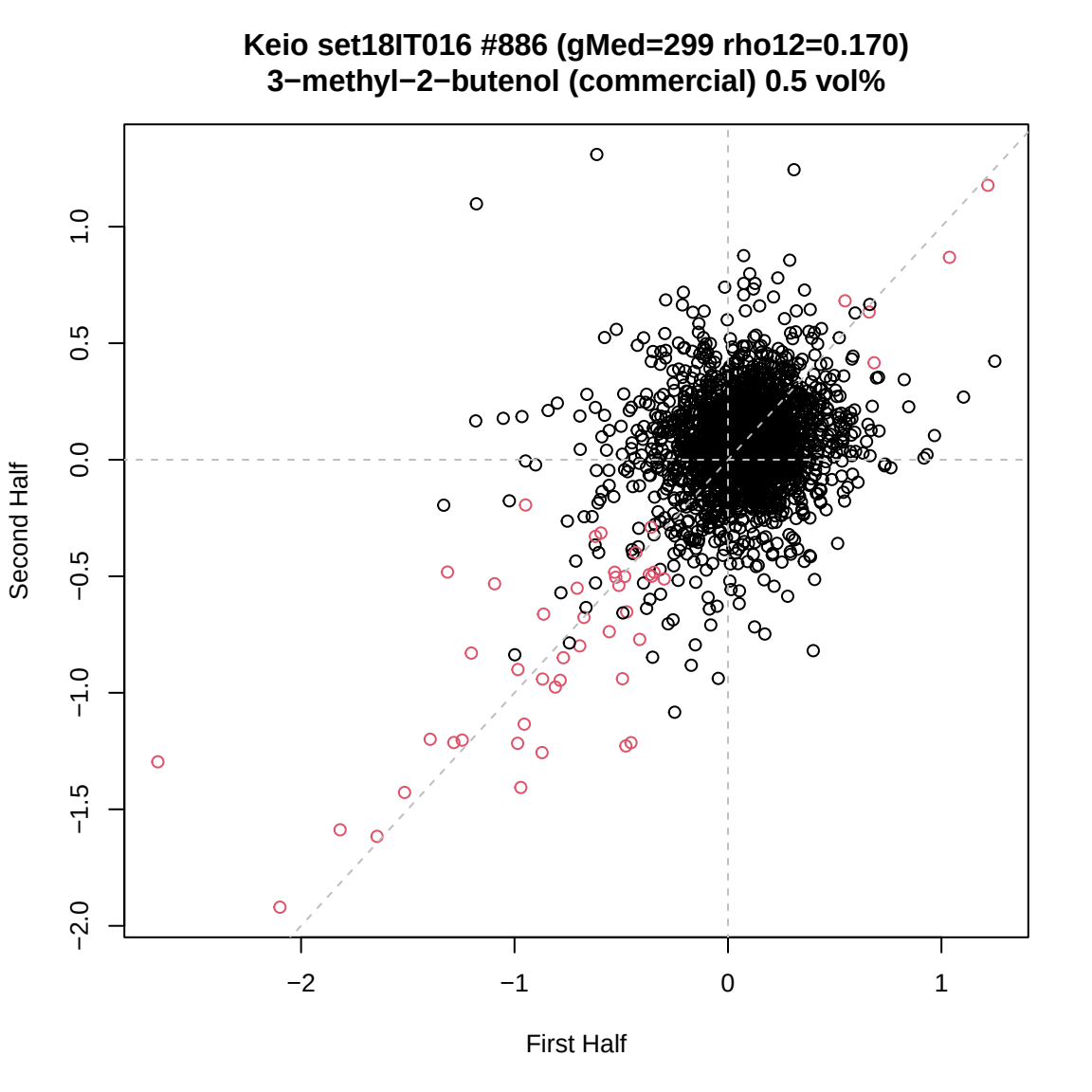

Keio set18IT011 #881 (gMed=238 rho12=−0.002)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

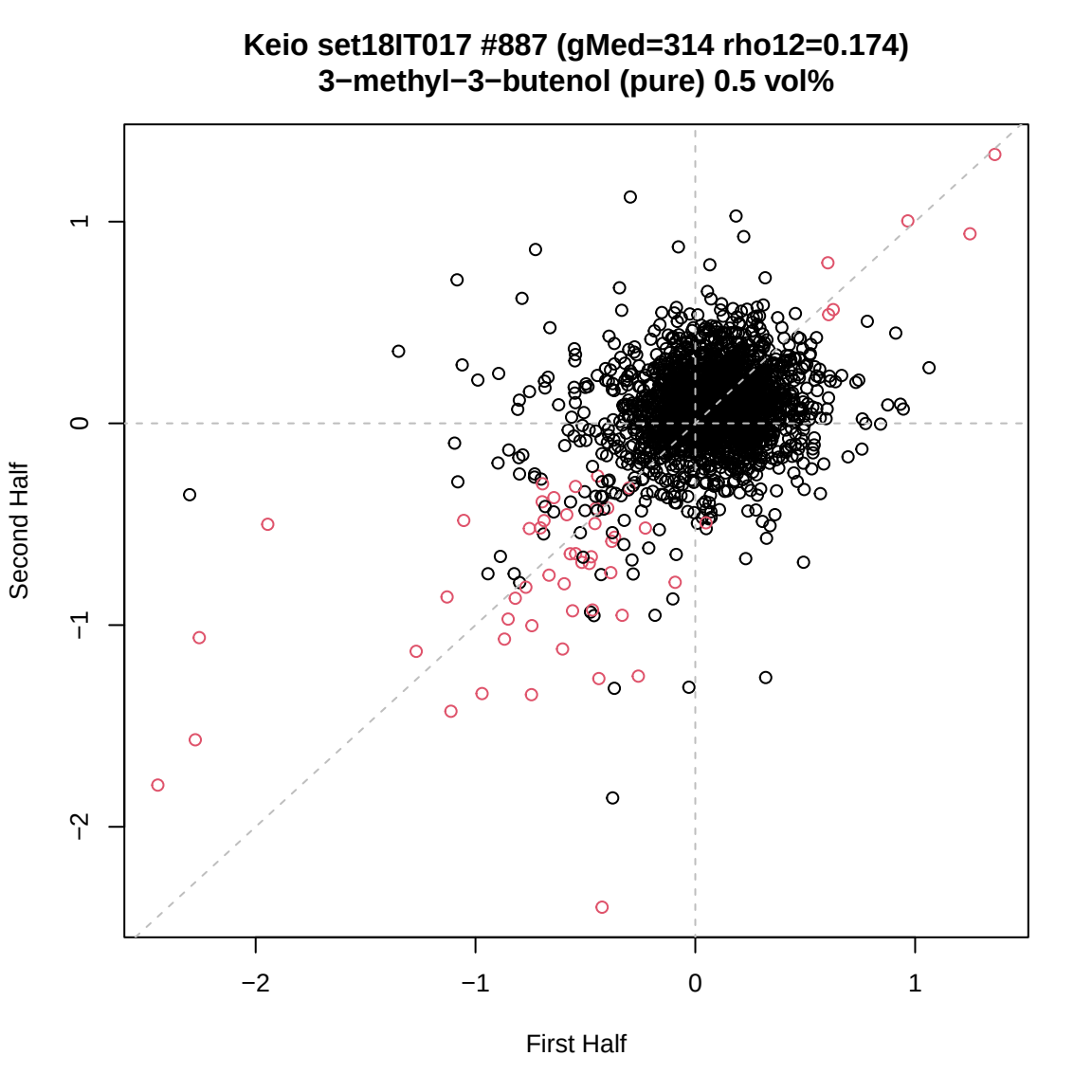

Keio set18IT012 #882 (gMed=241 rho12=−0.053)
Time0
Second Half
First Half
1
0
−1
−2
−1.0
−0.5
0.0
0.5
1.0

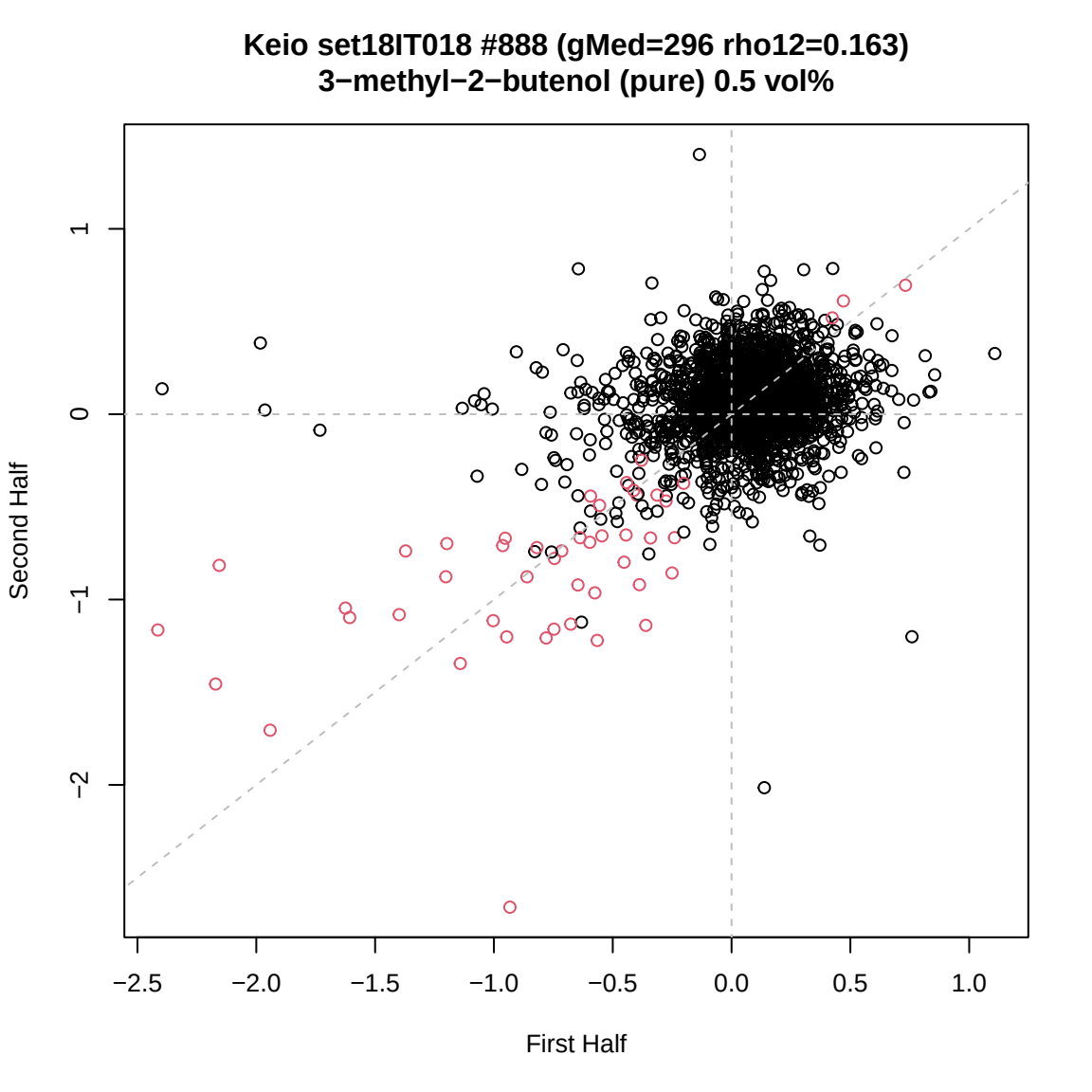

Keio set18IT013 #883 (gMed=270 rho12=−0.048)
Time0
Second Half
First Half
2
1
0
−1
−2
−1
0
1

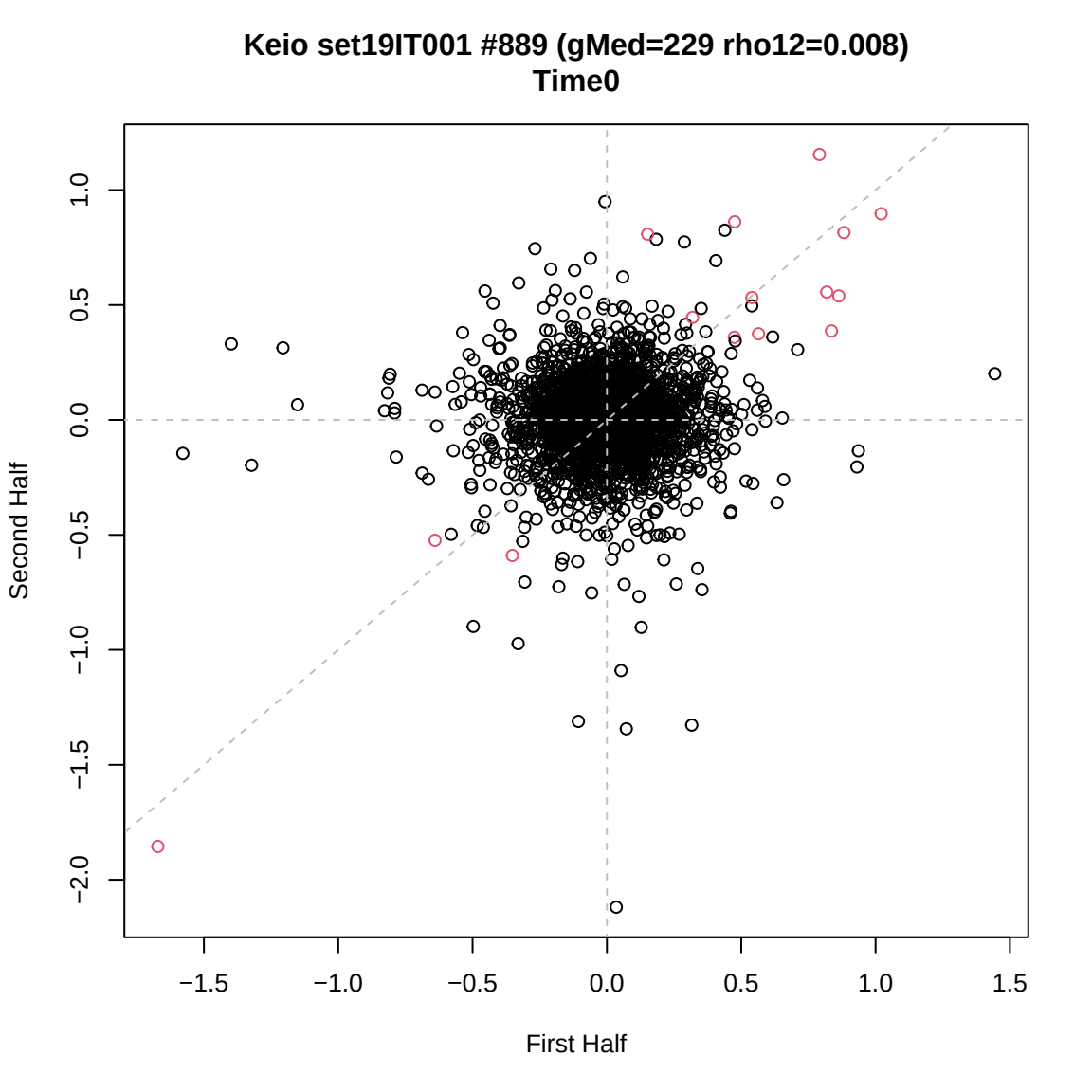

Keio set18IT014 #884 (gMed=9 rho12=0.376)
Formaldehyde 0.03125 vol%
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

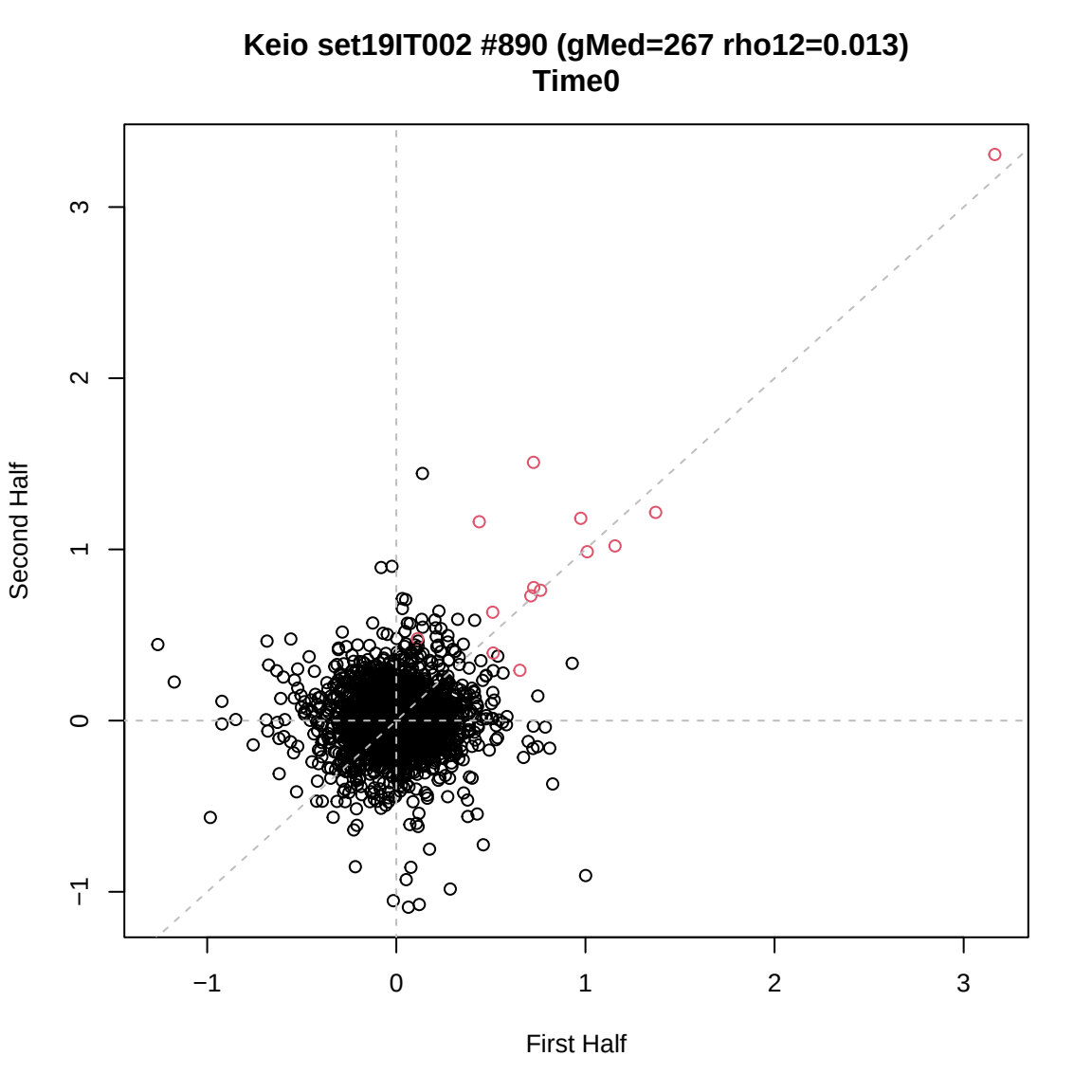

Keio set18IT015 #885 (gMed=294 rho12=0.179)
3−methyl−3−butenol (commercial) 0.5 vol%
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

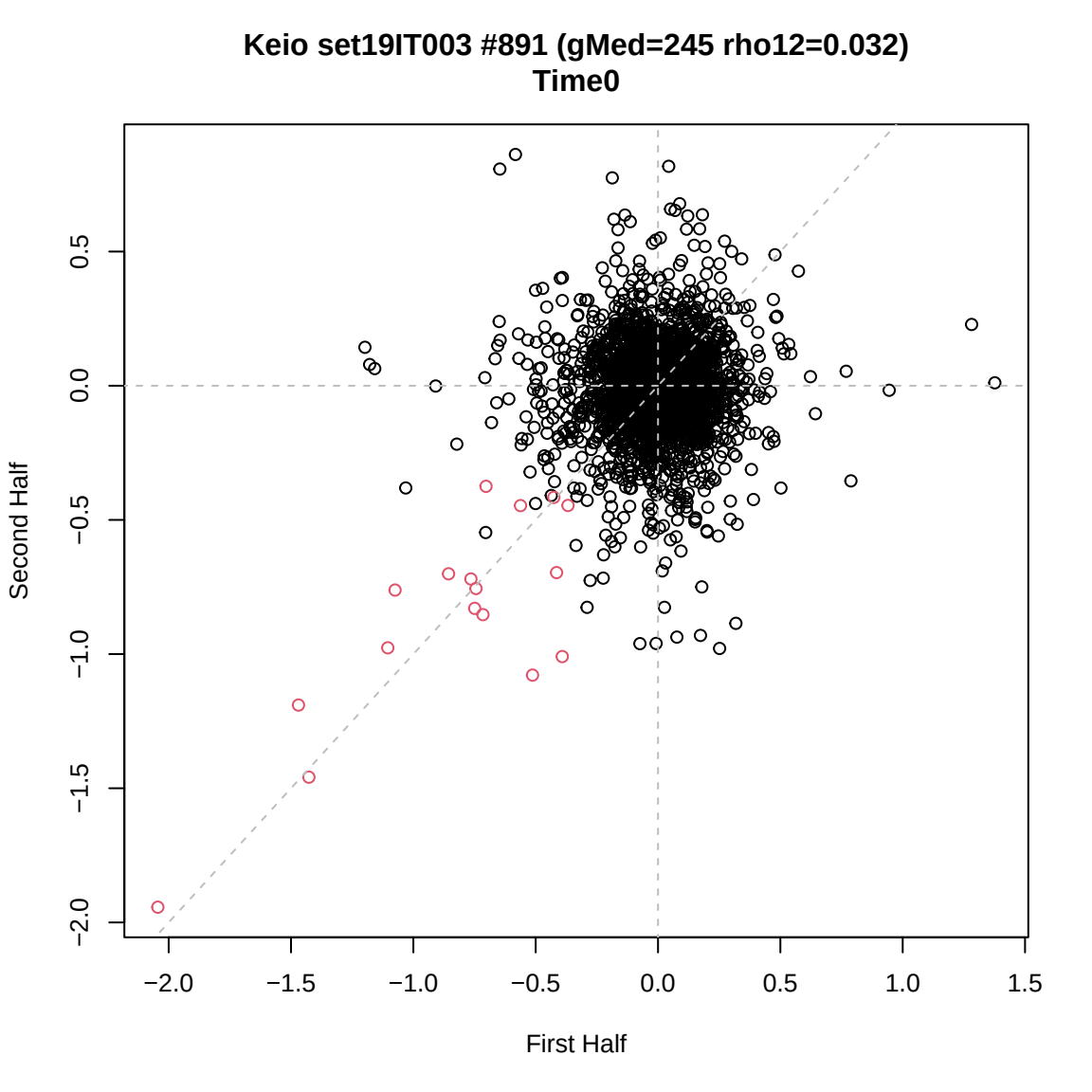

Keio set18IT016 #886 (gMed=299 rho12=0.170)
3−methyl−2−butenol (commercial) 0.5 vol%
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

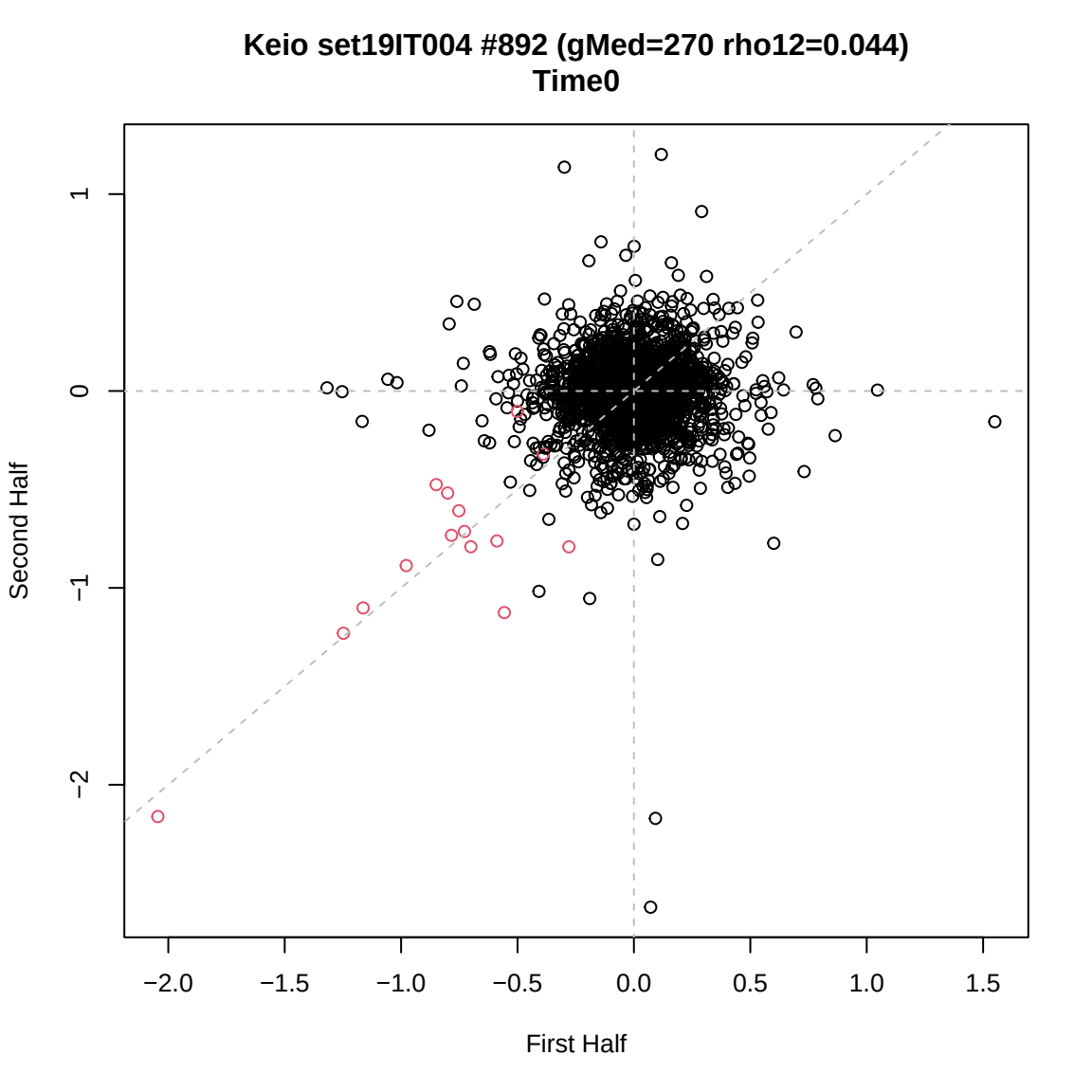

Keio set18IT017 #887 (gMed=314 rho12=0.174)
3−methyl−3−butenol (pure) 0.5 vol%
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

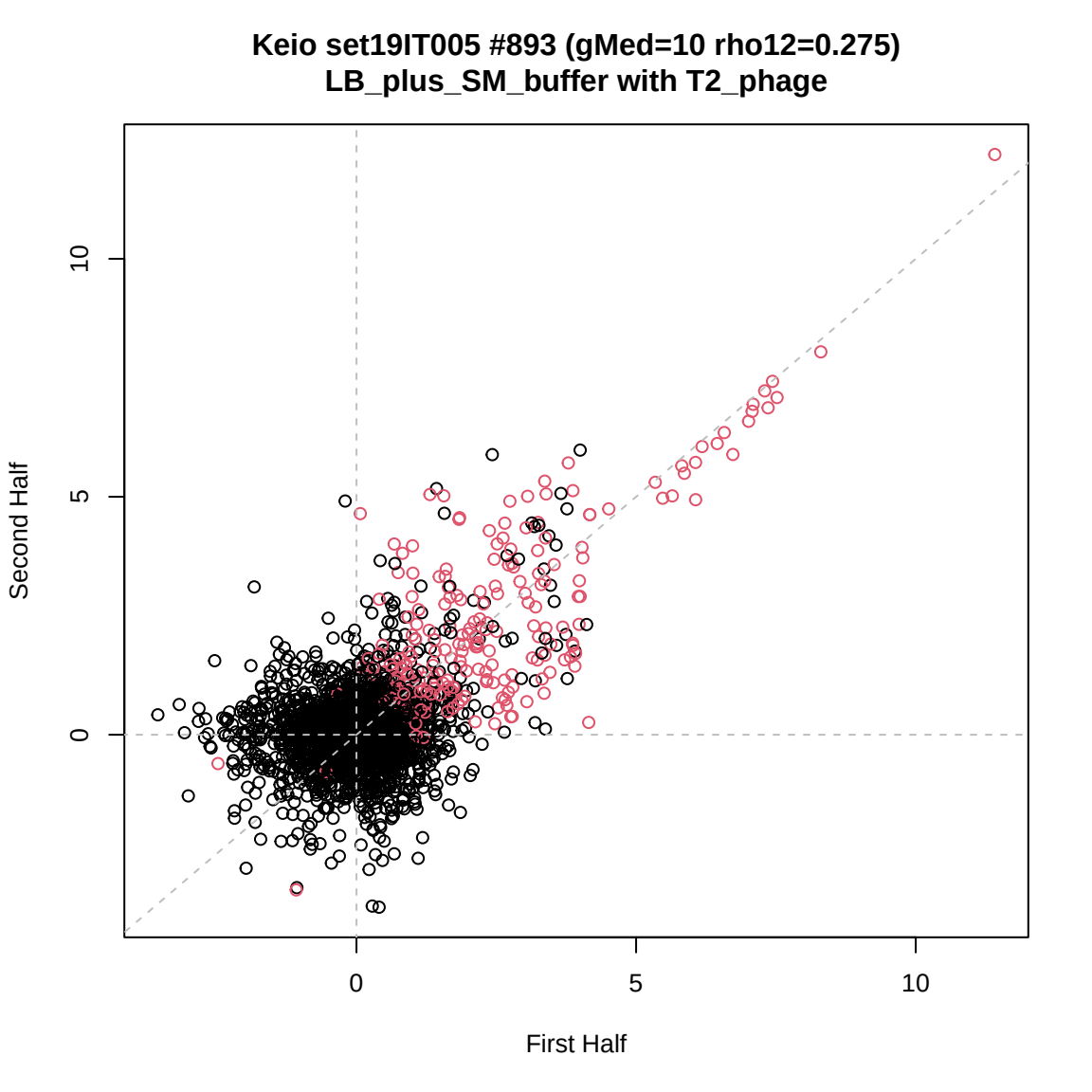

Keio set18IT018 #888 (gMed=296 rho12=0.163)
3−methyl−2−butenol (pure) 0.5 vol%
Second Half
First Half
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

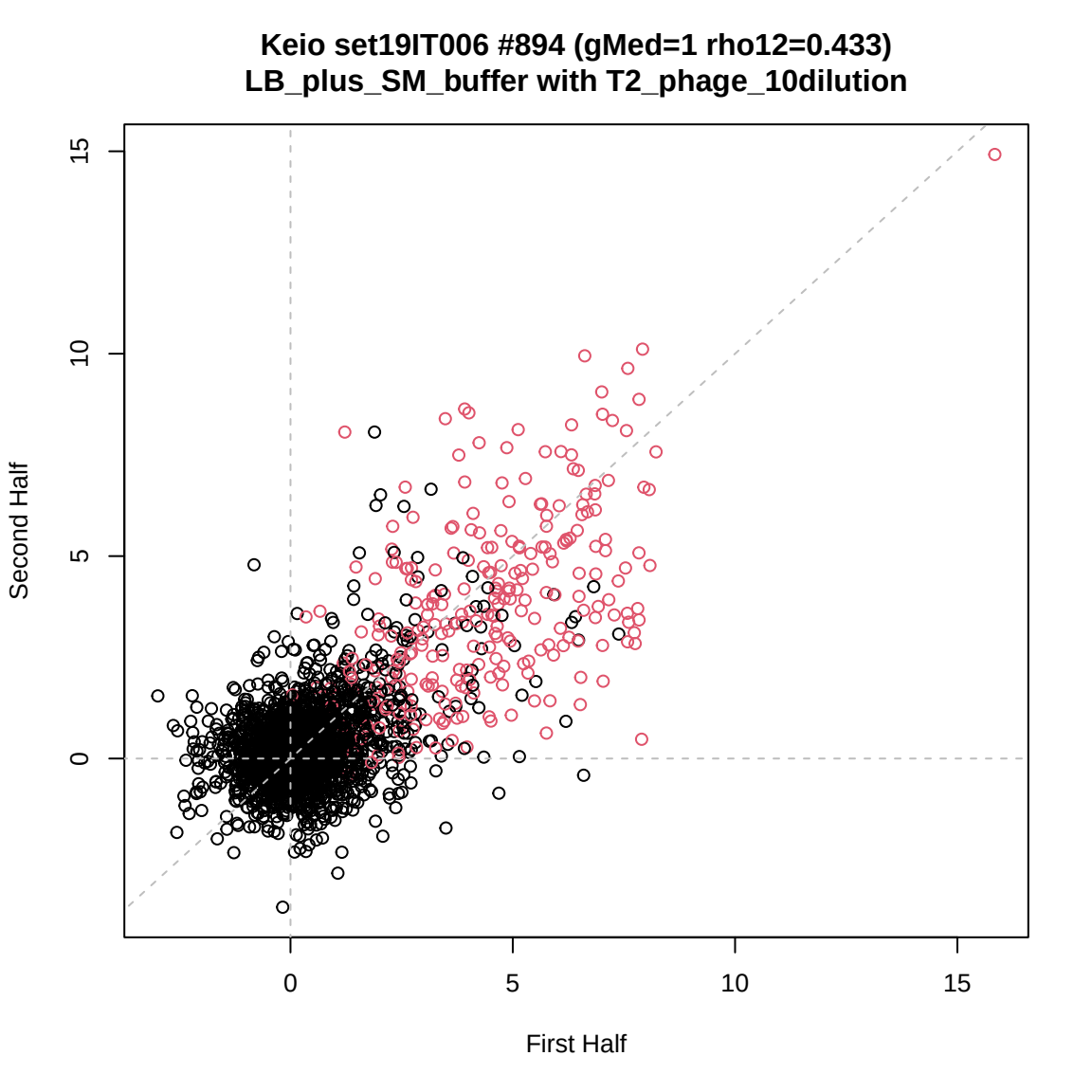

Keio set19IT001 #889 (gMed=229 rho12=0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

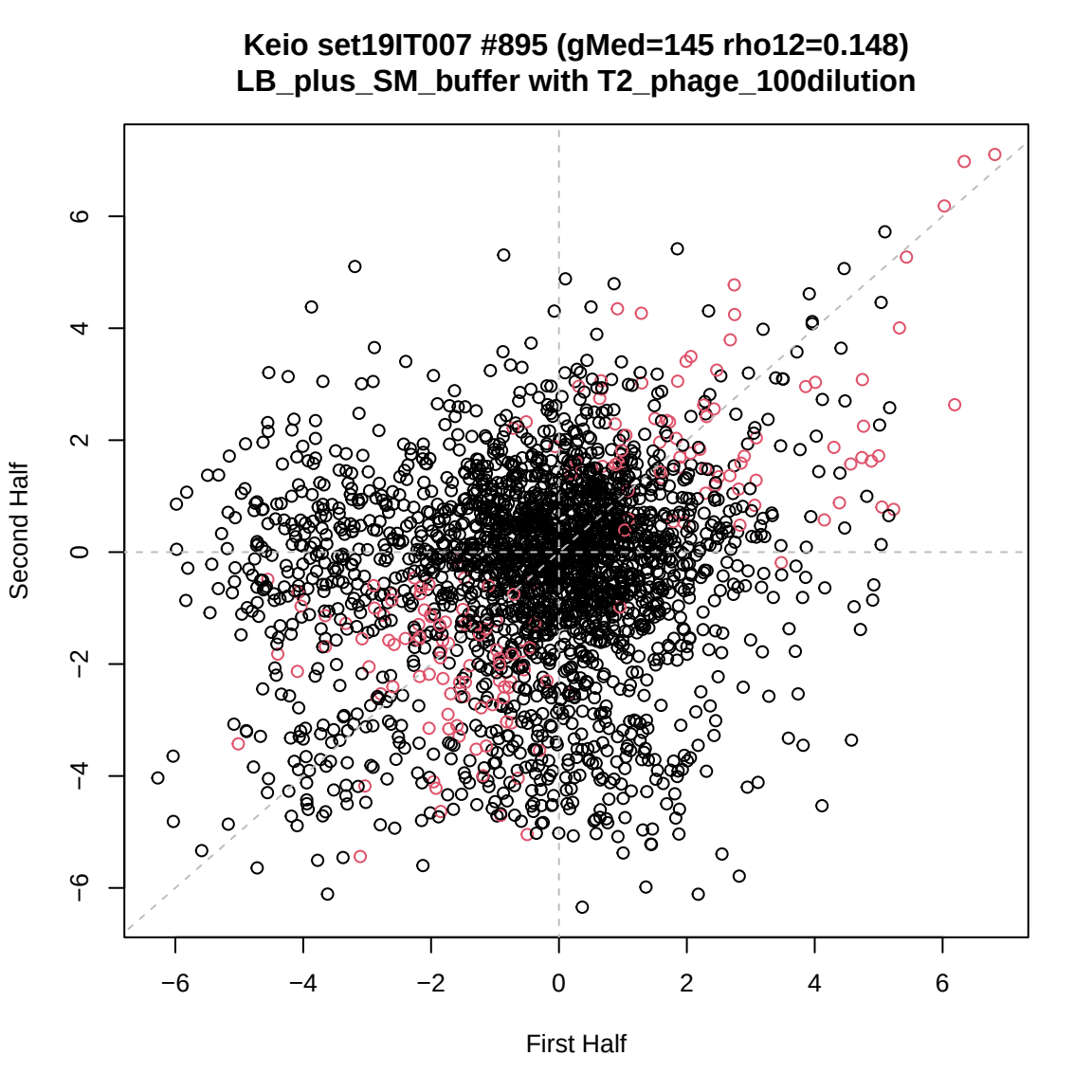

Keio set19IT002 #890 (gMed=267 rho12=0.013)
Time0
Second Half
First Half
−1
0
1
2
3

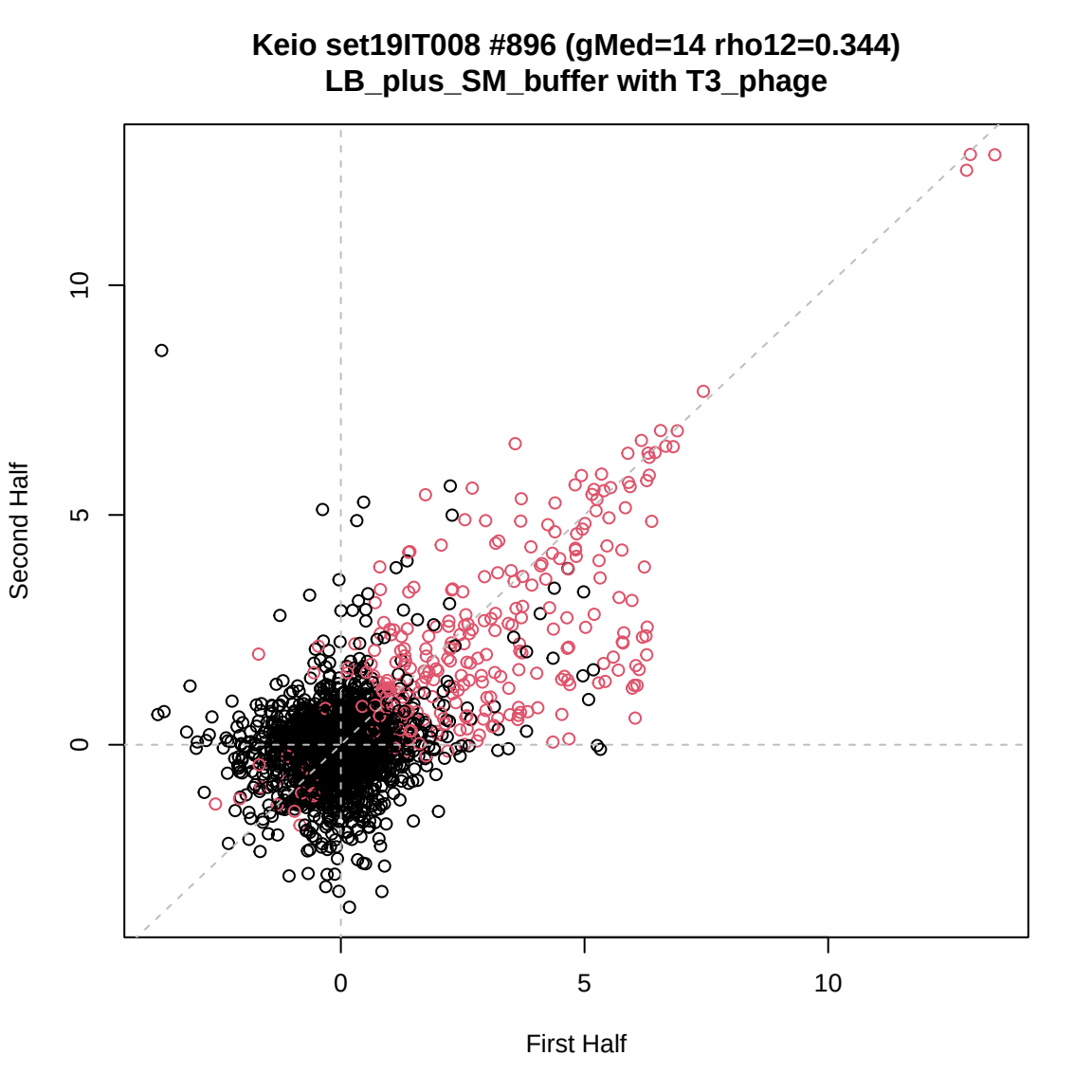

Keio set19IT003 #891 (gMed=245 rho12=0.032)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

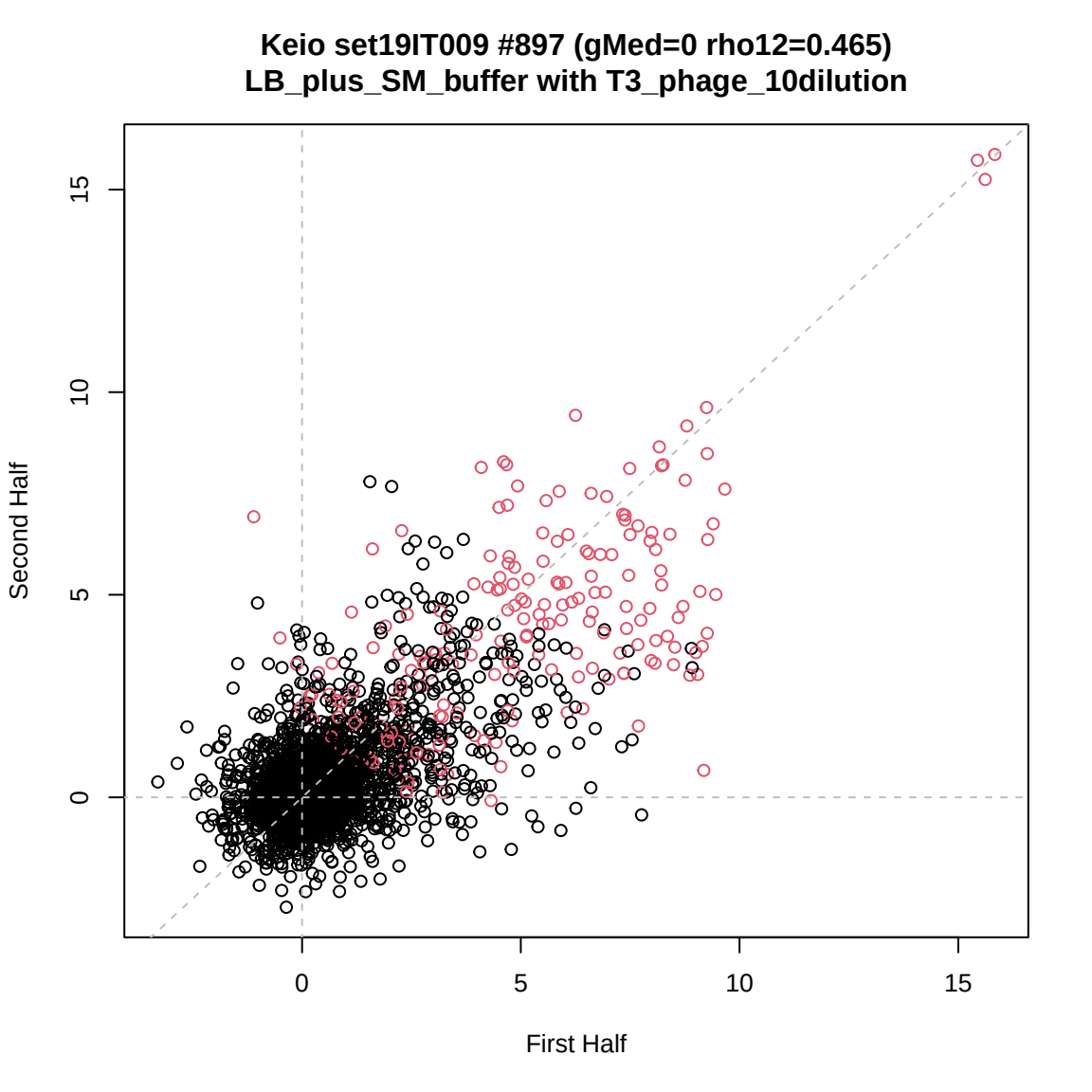

Keio set19IT004 #892 (gMed=270 rho12=0.044)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

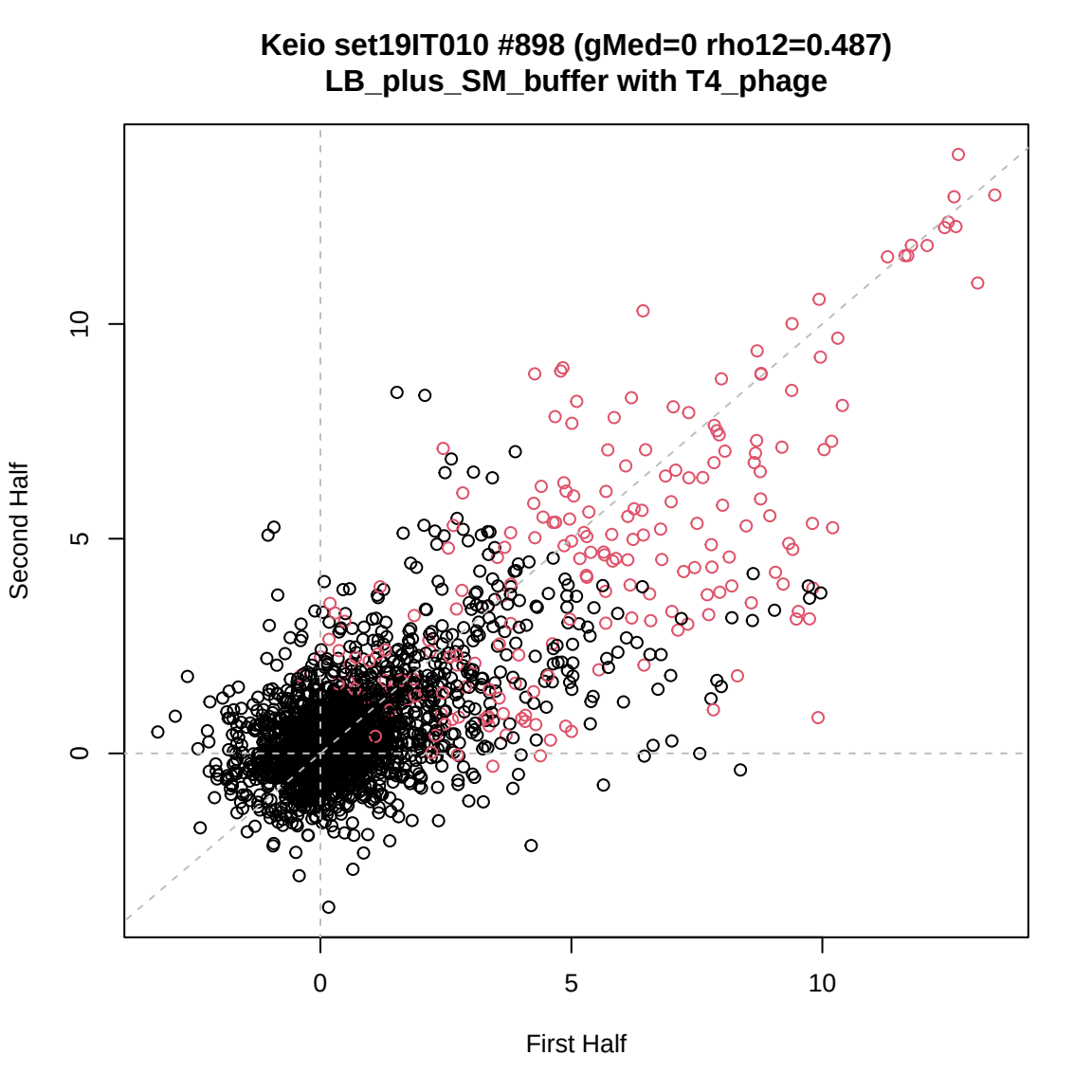

Keio set19IT005 #893 (gMed=10 rho12=0.275)
LB_plus_SM_buffer with T2_phage
Second Half
First Half
0
5
10
0
5
10

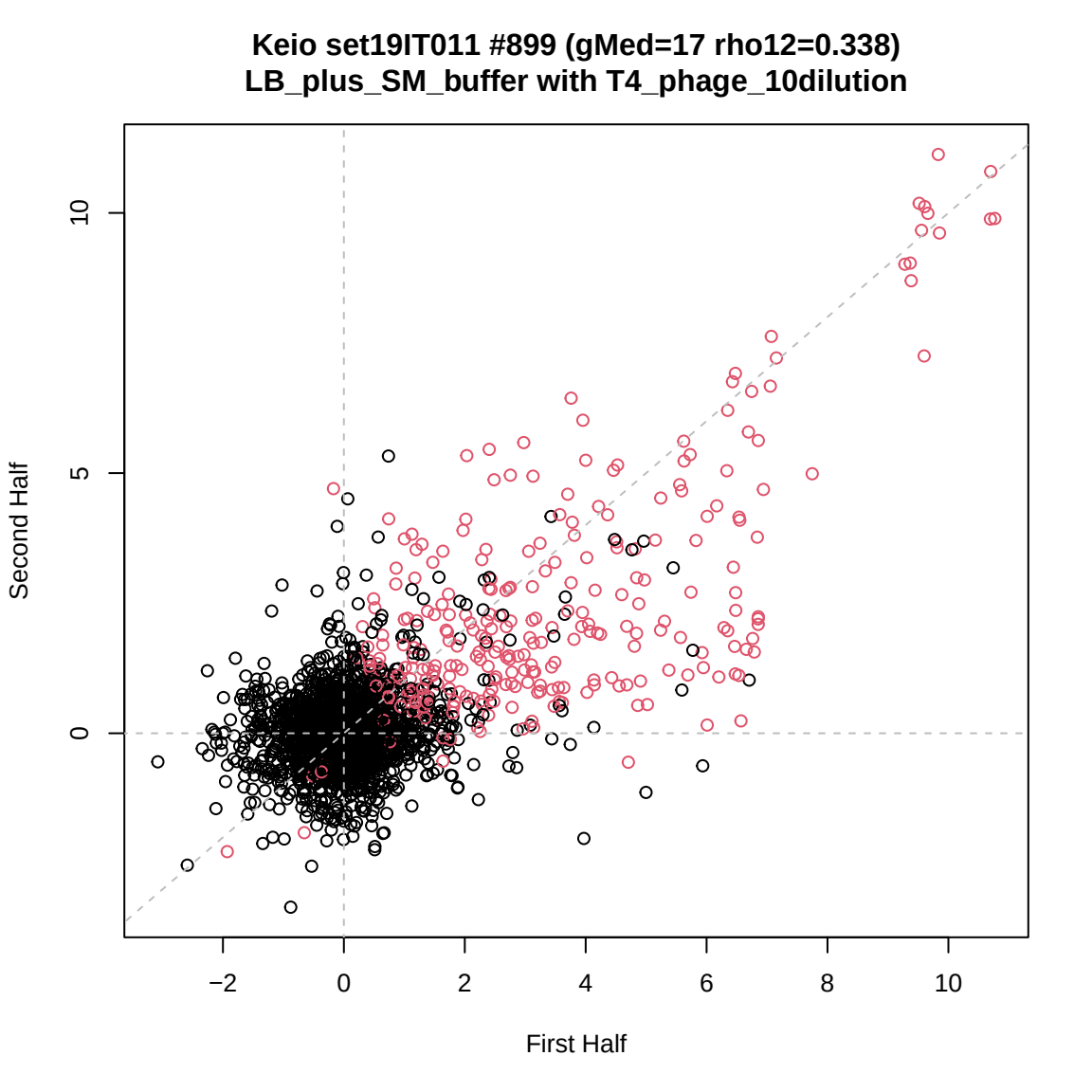

Keio set19IT006 #894 (gMed=1 rho12=0.433)
LB_plus_SM_buffer with T2_phage_10dilution
Second Half
First Half
0
5
10
15

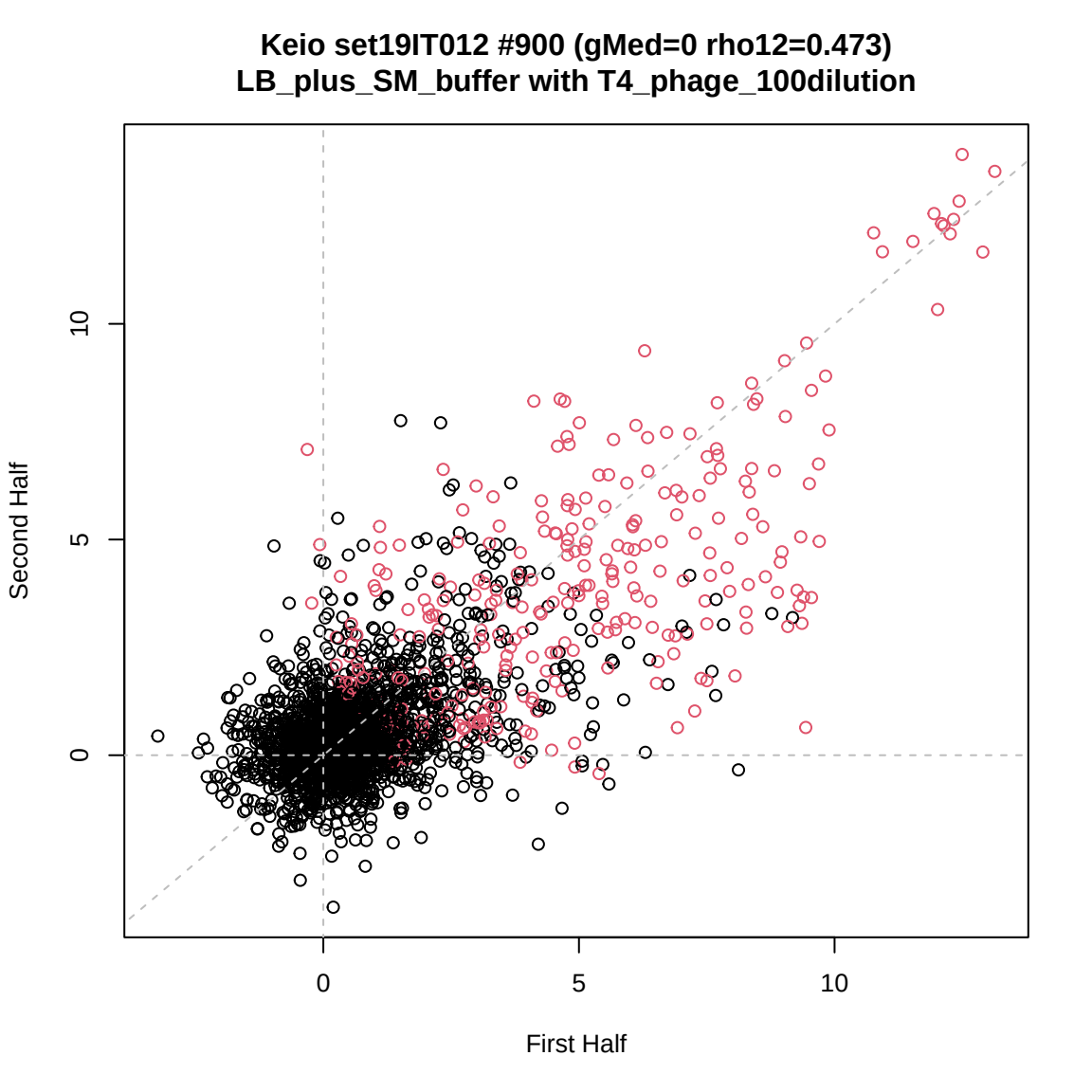

Keio set19IT007 #895 (gMed=145 rho12=0.148)
LB_plus_SM_buffer with T2_phage_100dilution
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

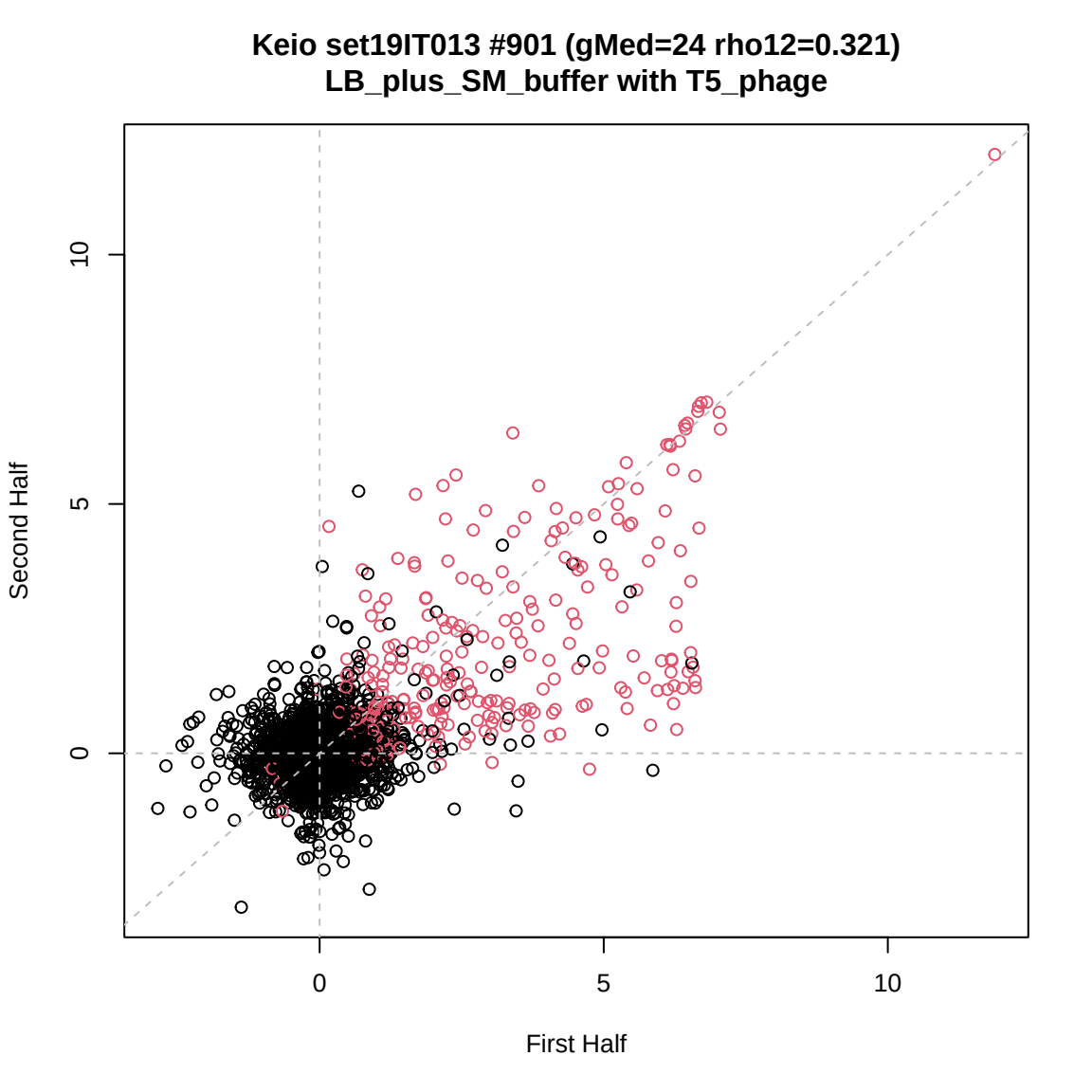

Keio set19IT008 #896 (gMed=14 rho12=0.344)
LB_plus_SM_buffer with T3_phage
Second Half
First Half
0
5
10
0
5
10

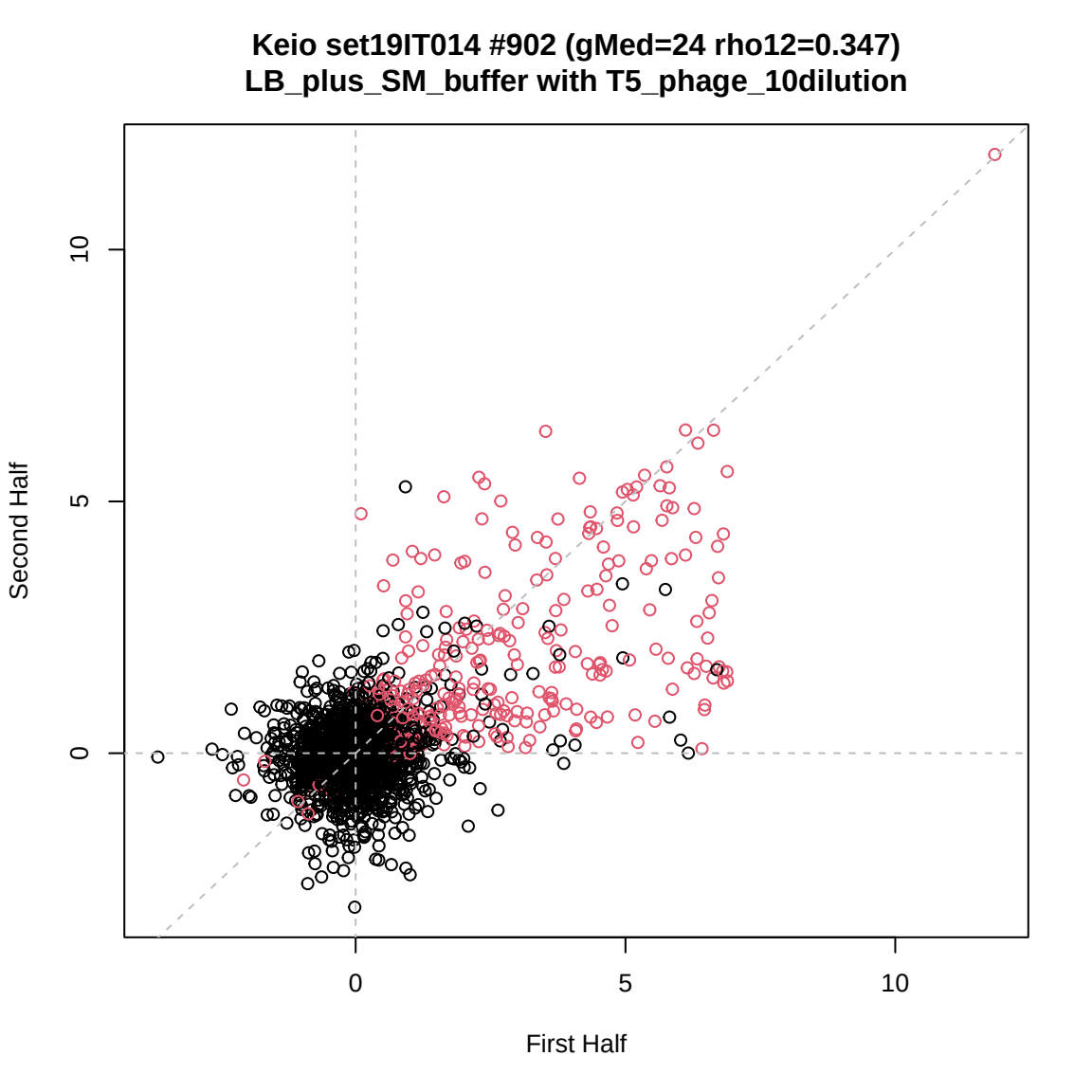

Keio set19IT009 #897 (gMed=0 rho12=0.465)
LB_plus_SM_buffer with T3_phage_10dilution
Second Half
First Half
0
5
10
15

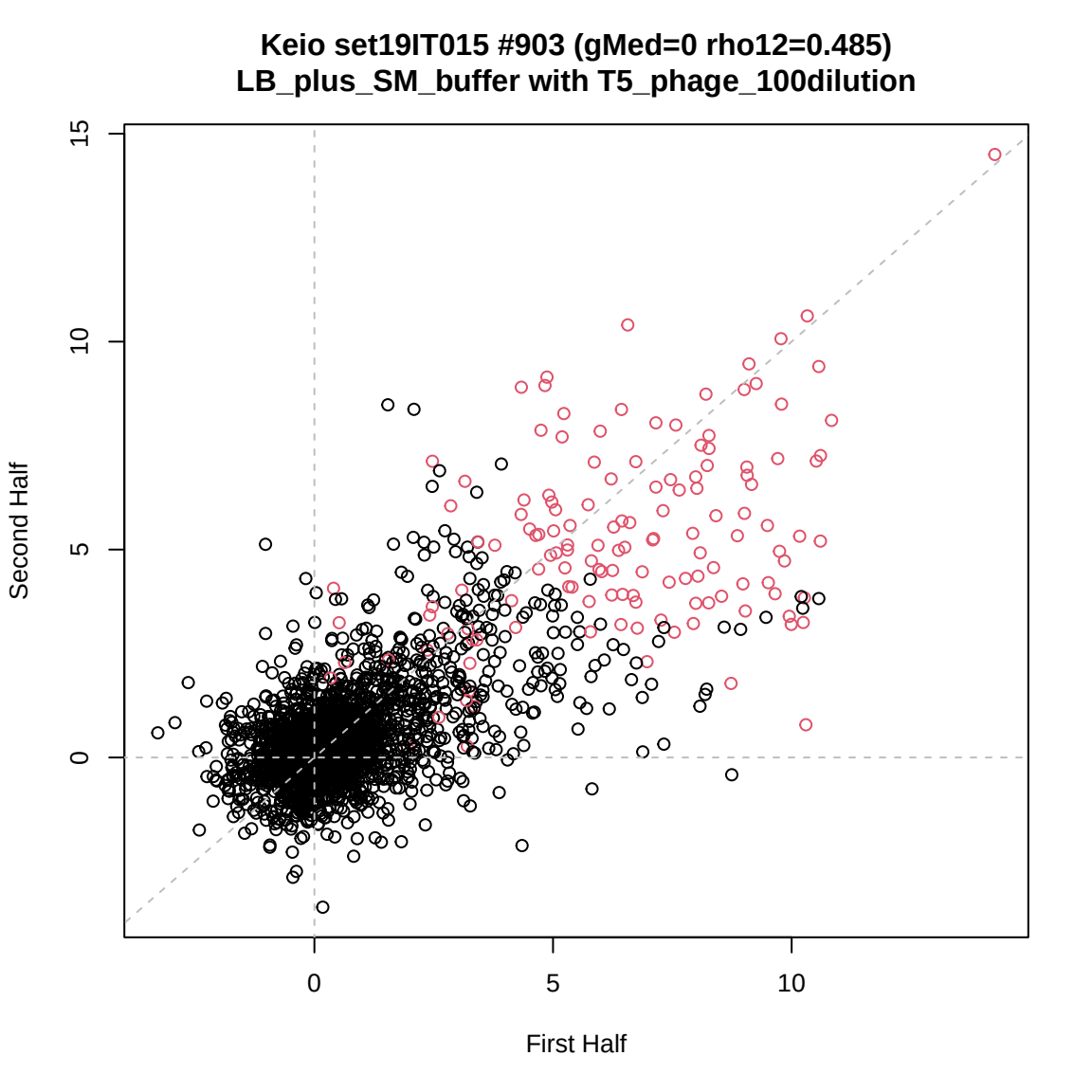

Keio set19IT010 #898 (gMed=0 rho12=0.487)
LB_plus_SM_buffer with T4_phage
Second Half
First Half
0
5
10
0
5
10

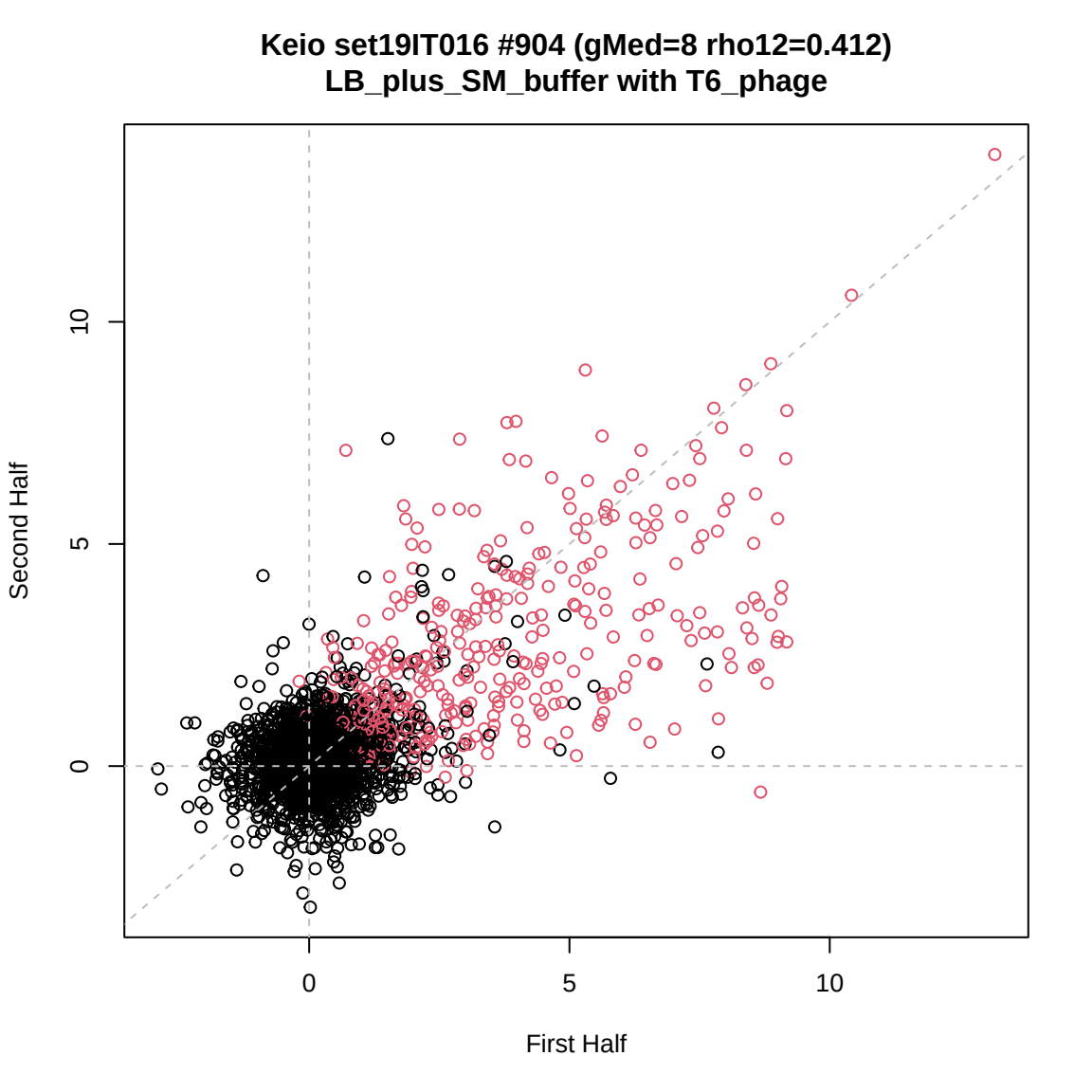

Keio set19IT011 #899 (gMed=17 rho12=0.338)
LB_plus_SM_buffer with T4_phage_10dilution
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

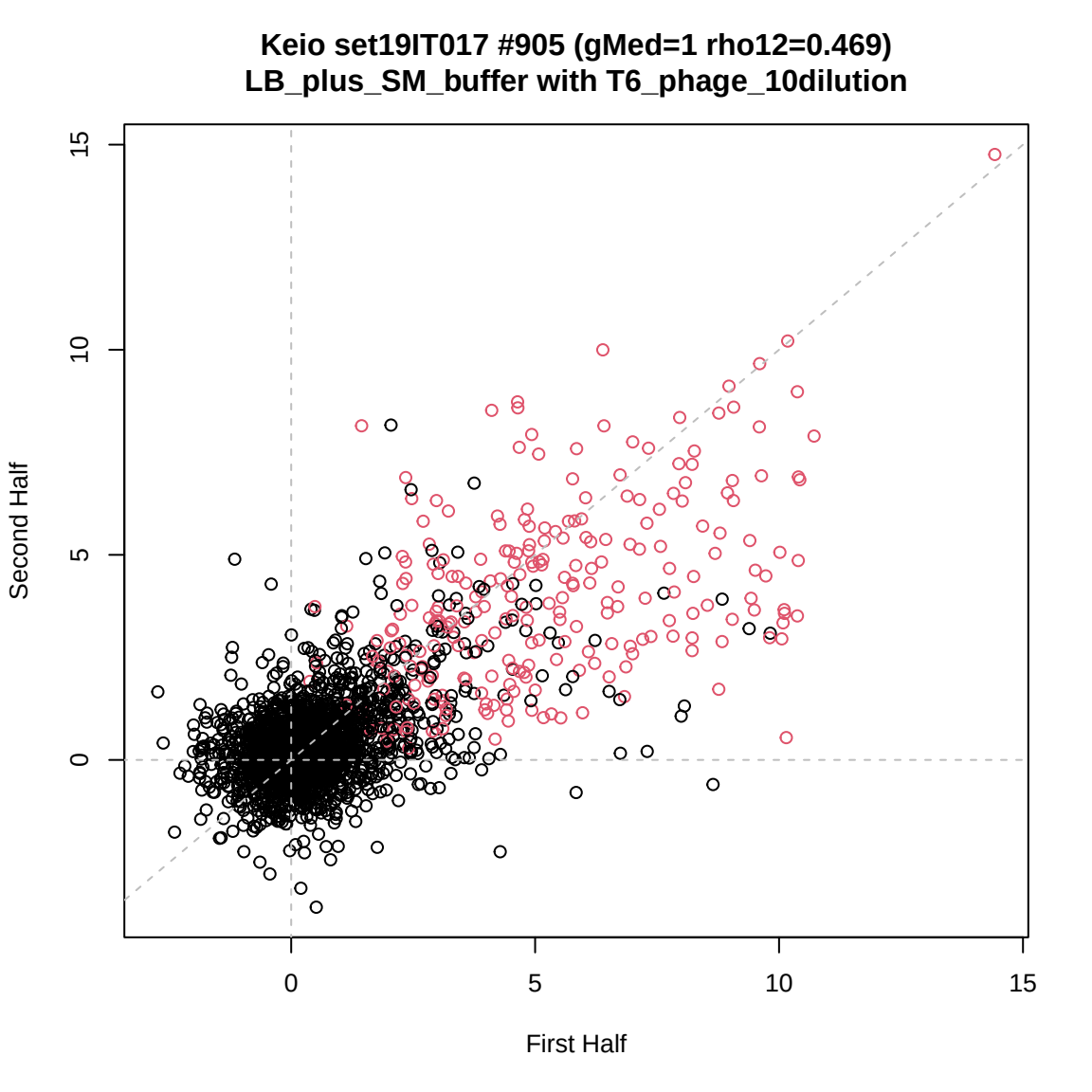

Keio set19IT012 #900 (gMed=0 rho12=0.473)
LB_plus_SM_buffer with T4_phage_100dilution
Second Half
First Half
0
5
10
0
5
10

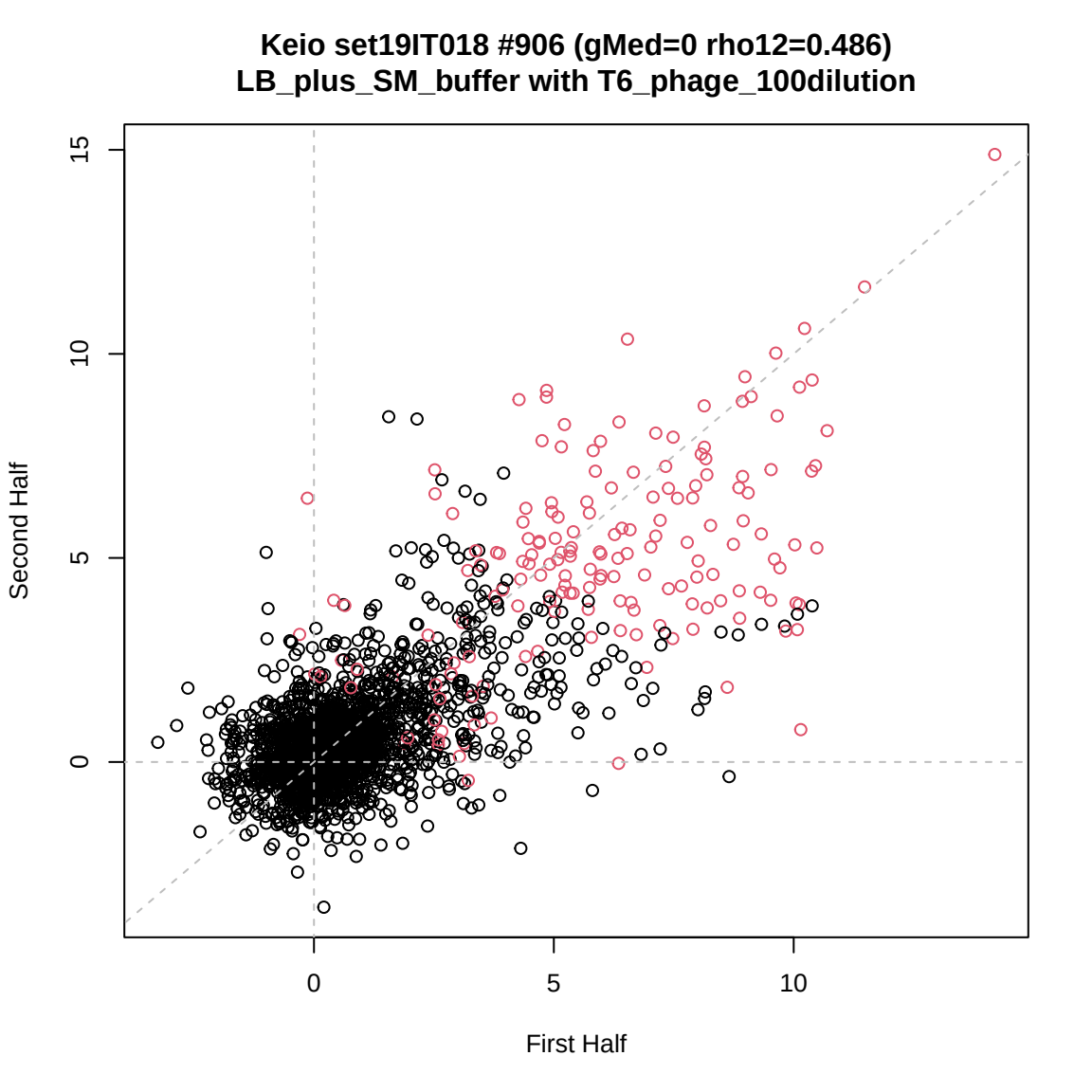

Keio set19IT013 #901 (gMed=24 rho12=0.321)
LB_plus_SM_buffer with T5_phage
Second Half
First Half
0
5
10
0
5
10

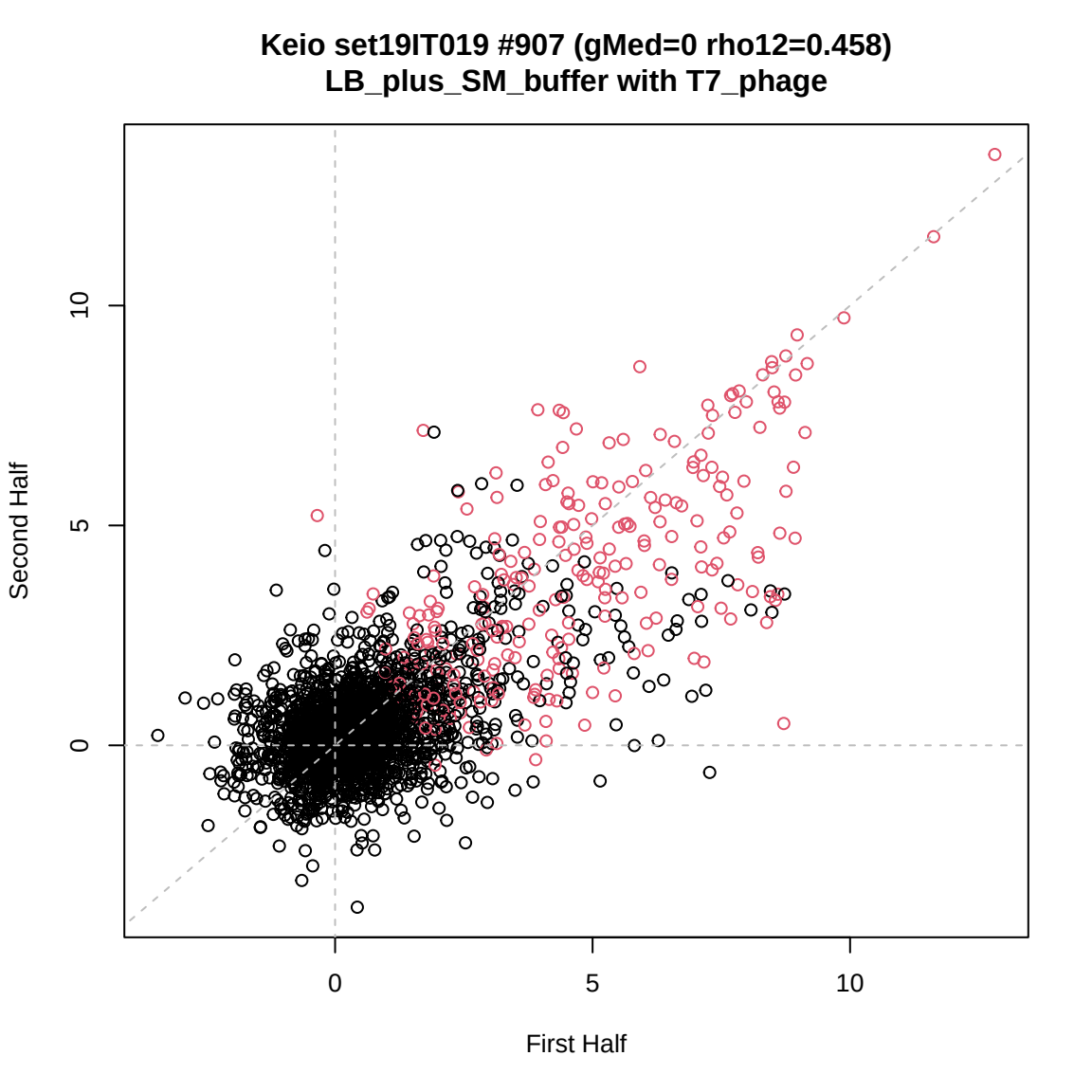

Keio set19IT014 #902 (gMed=24 rho12=0.347)
LB_plus_SM_buffer with T5_phage_10dilution
Second Half
First Half
0
5
10
0
5
10

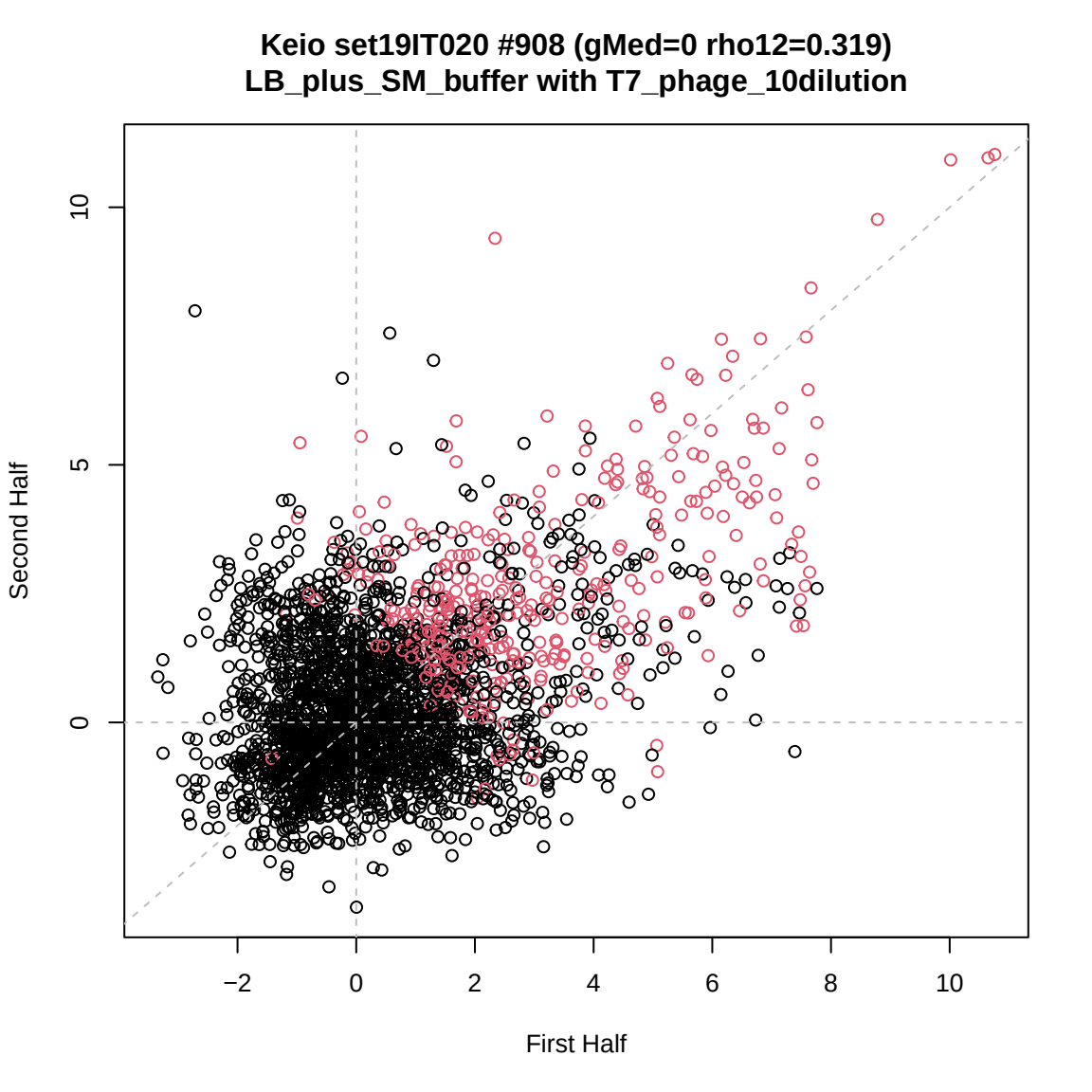

Keio set19IT015 #903 (gMed=0 rho12=0.485)
LB_plus_SM_buffer with T5_phage_100dilution
Second Half
First Half
15
10
5
0
0
5
10

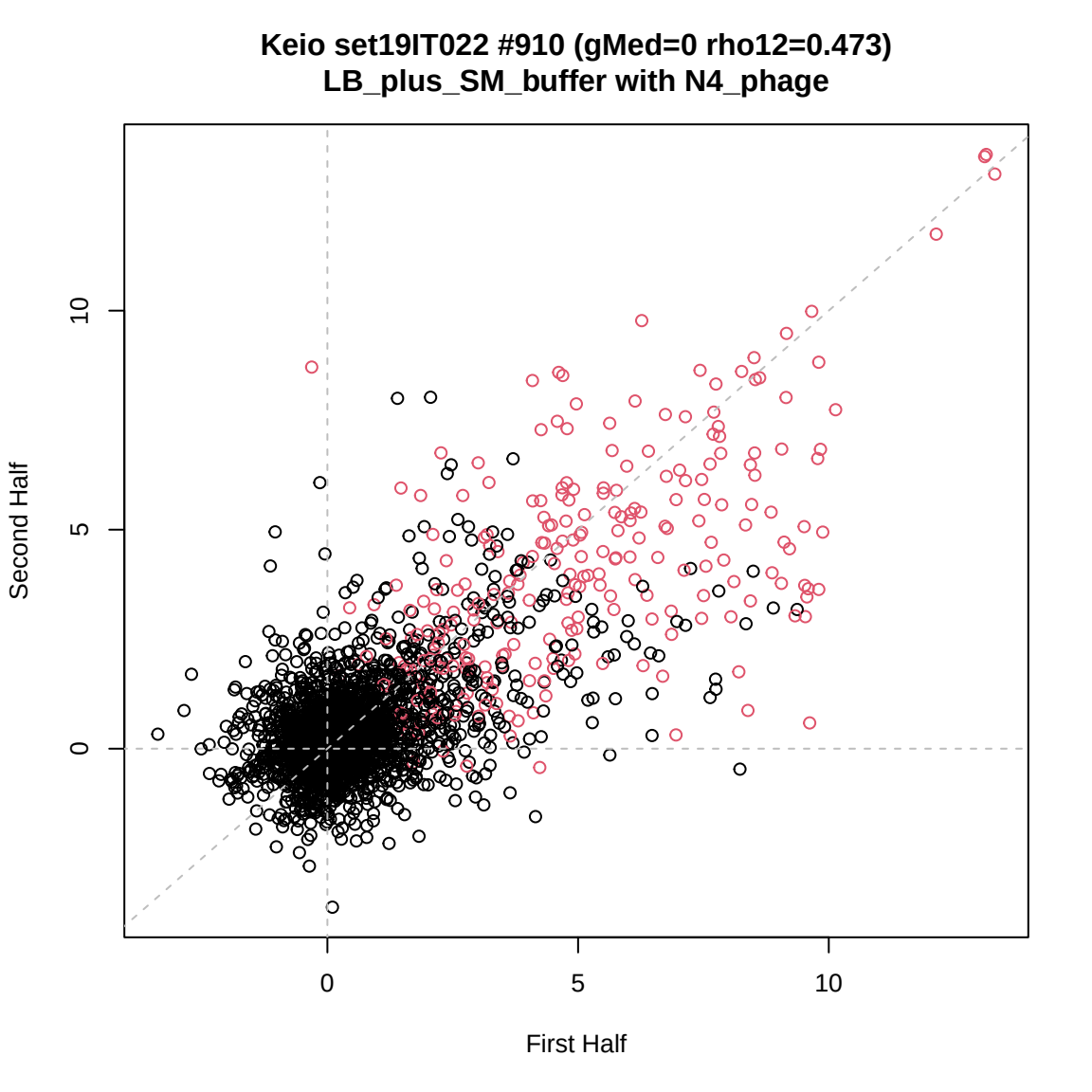

Keio set19IT016 #904 (gMed=8 rho12=0.412)
LB_plus_SM_buffer with T6_phage
Second Half
First Half
0
5
10
0
5
10

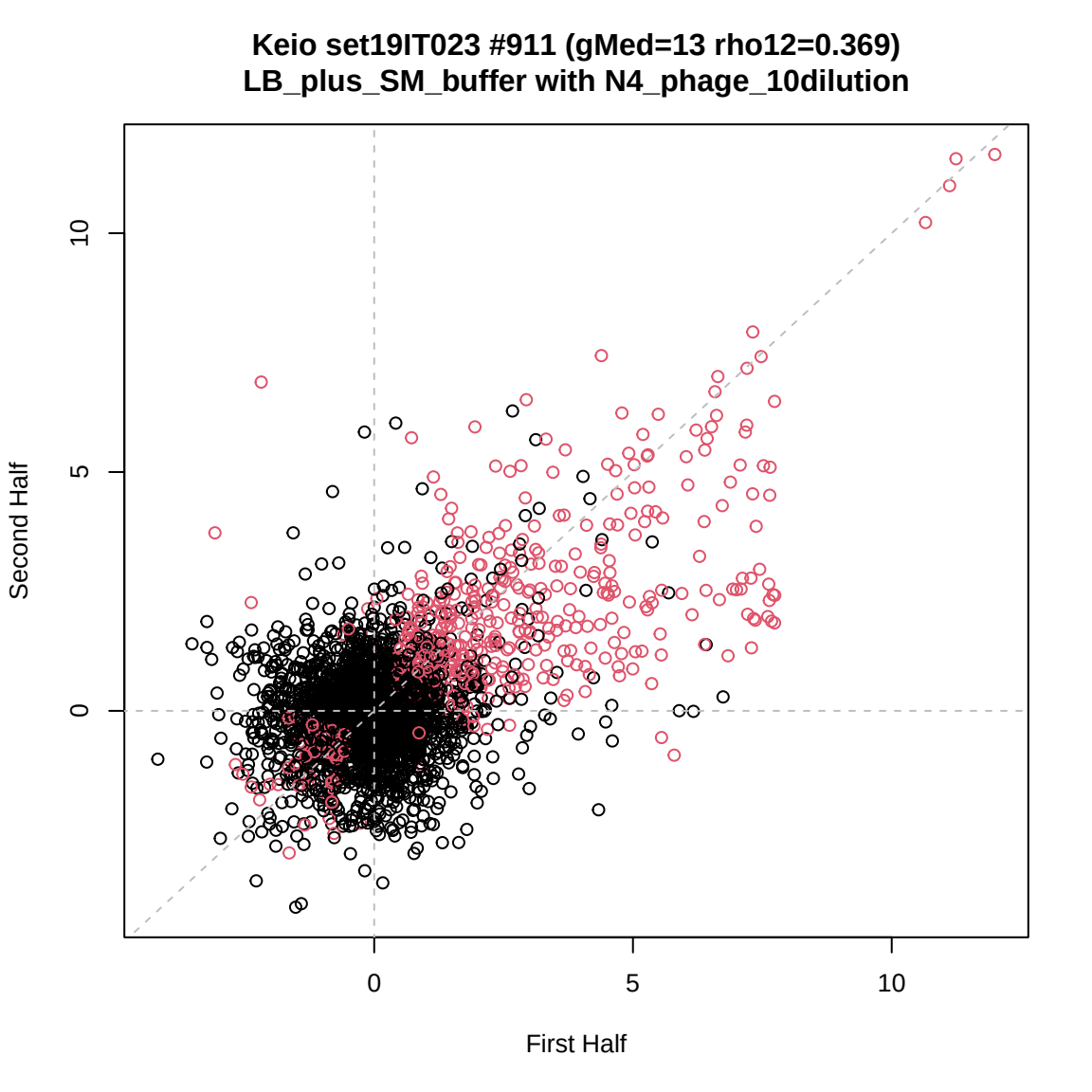

Keio set19IT017 #905 (gMed=1 rho12=0.469)
LB_plus_SM_buffer with T6_phage_10dilution
Second Half
First Half
0
5
10
15

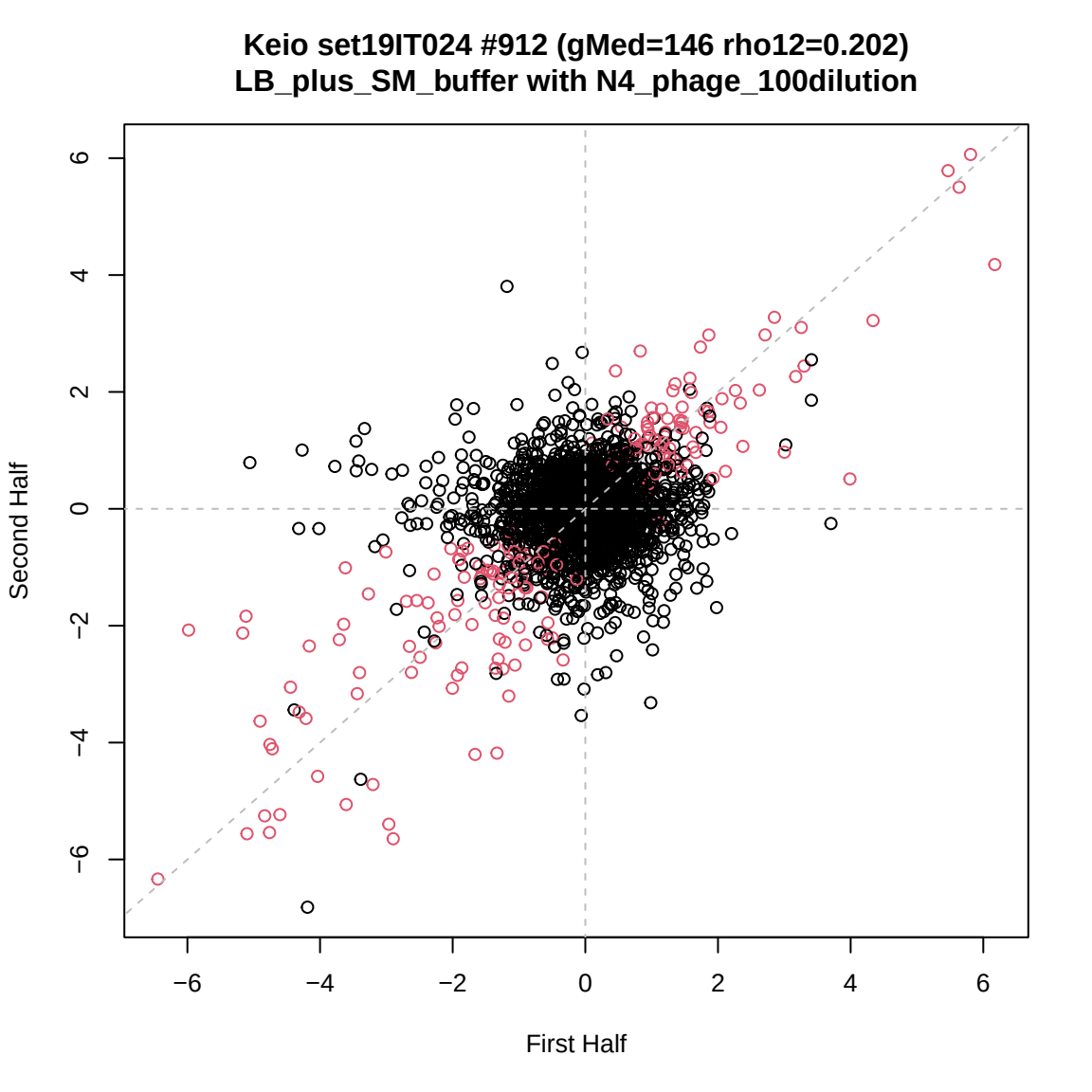

Keio set19IT018 #906 (gMed=0 rho12=0.486)
LB_plus_SM_buffer with T6_phage_100dilution
Second Half
First Half
15
10
5
0
0
5
10

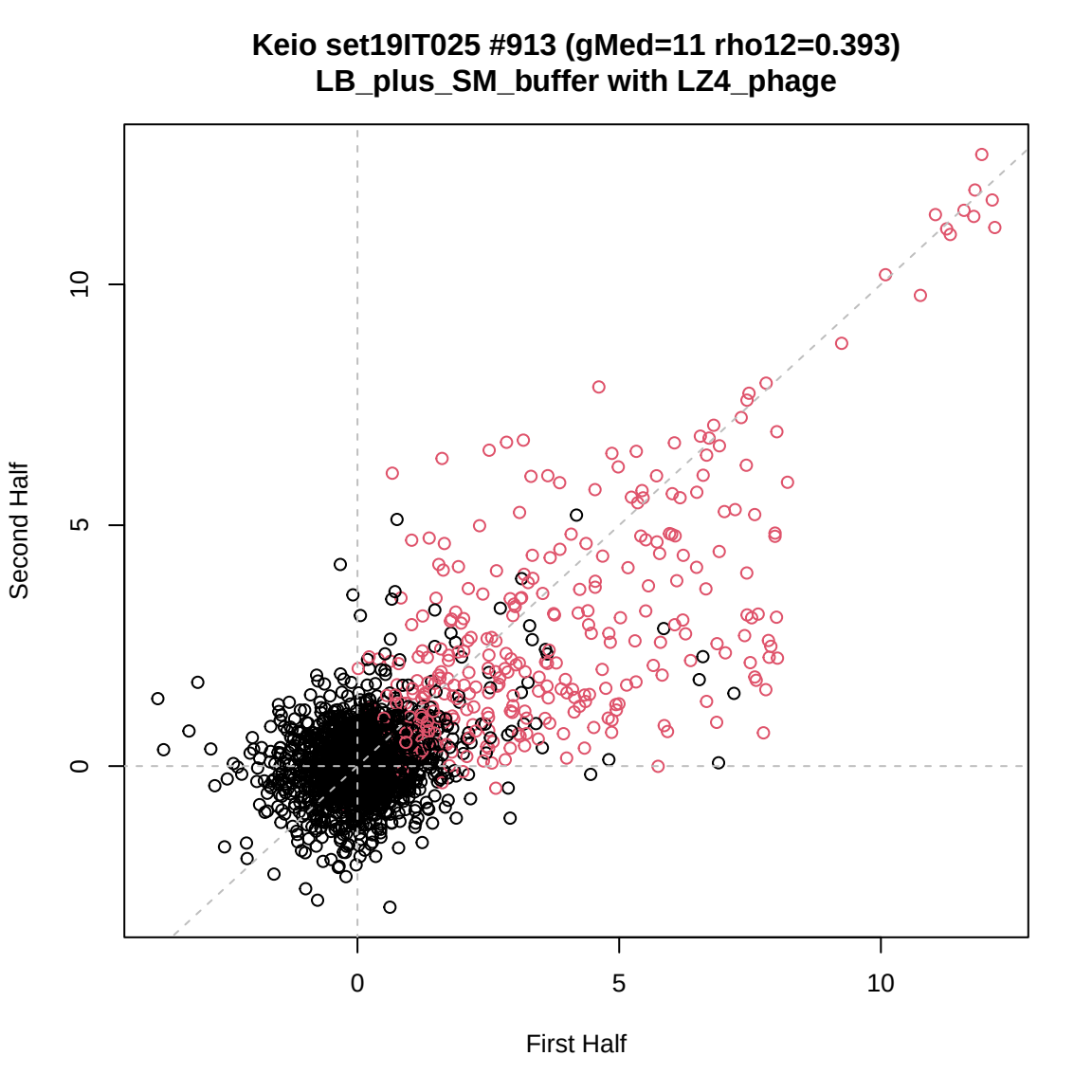

Keio set19IT019 #907 (gMed=0 rho12=0.458)
LB_plus_SM_buffer with T7_phage
Second Half
First Half
0
5
10
0
5
10

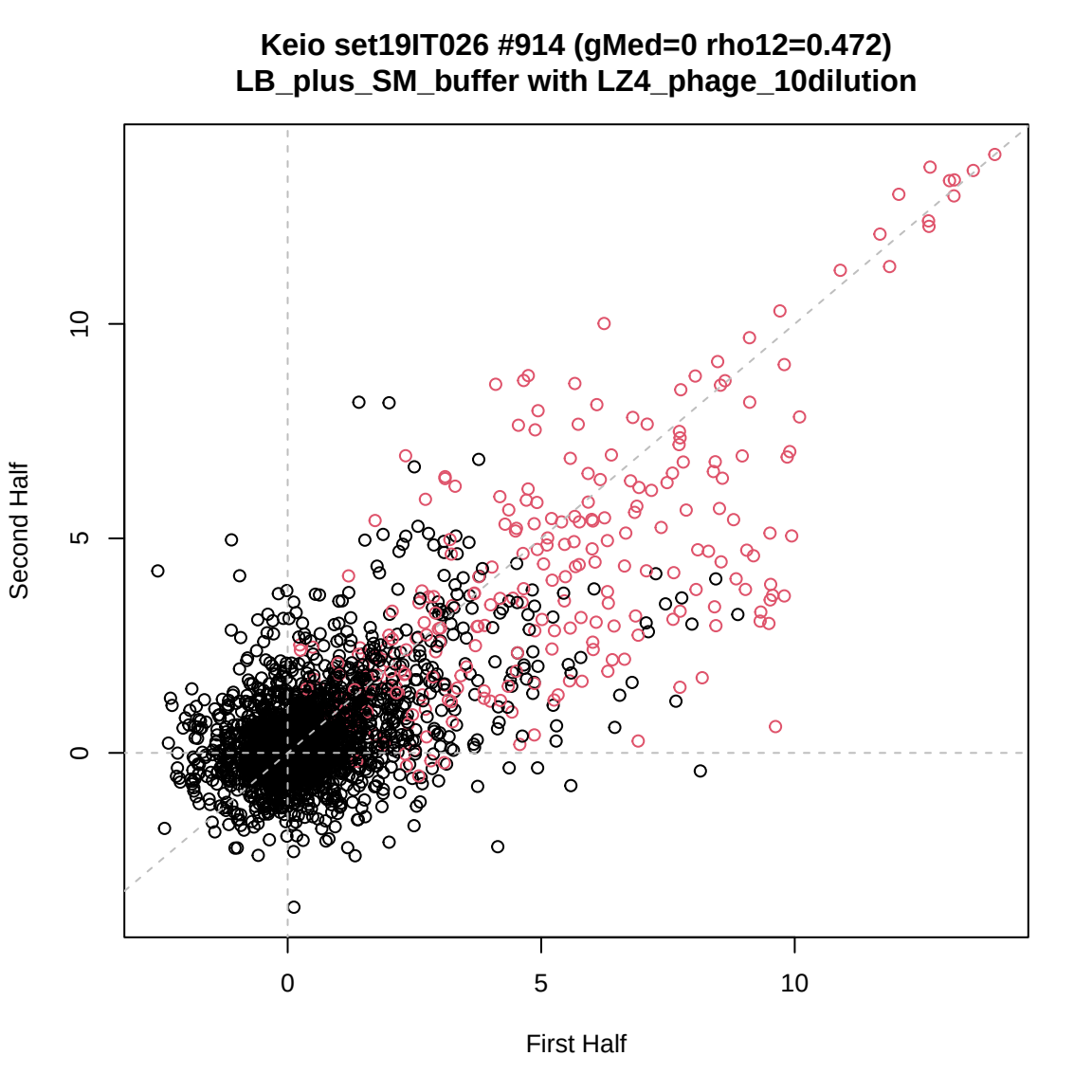

Keio set19IT020 #908 (gMed=0 rho12=0.319)
LB_plus_SM_buffer with T7_phage_10dilution
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

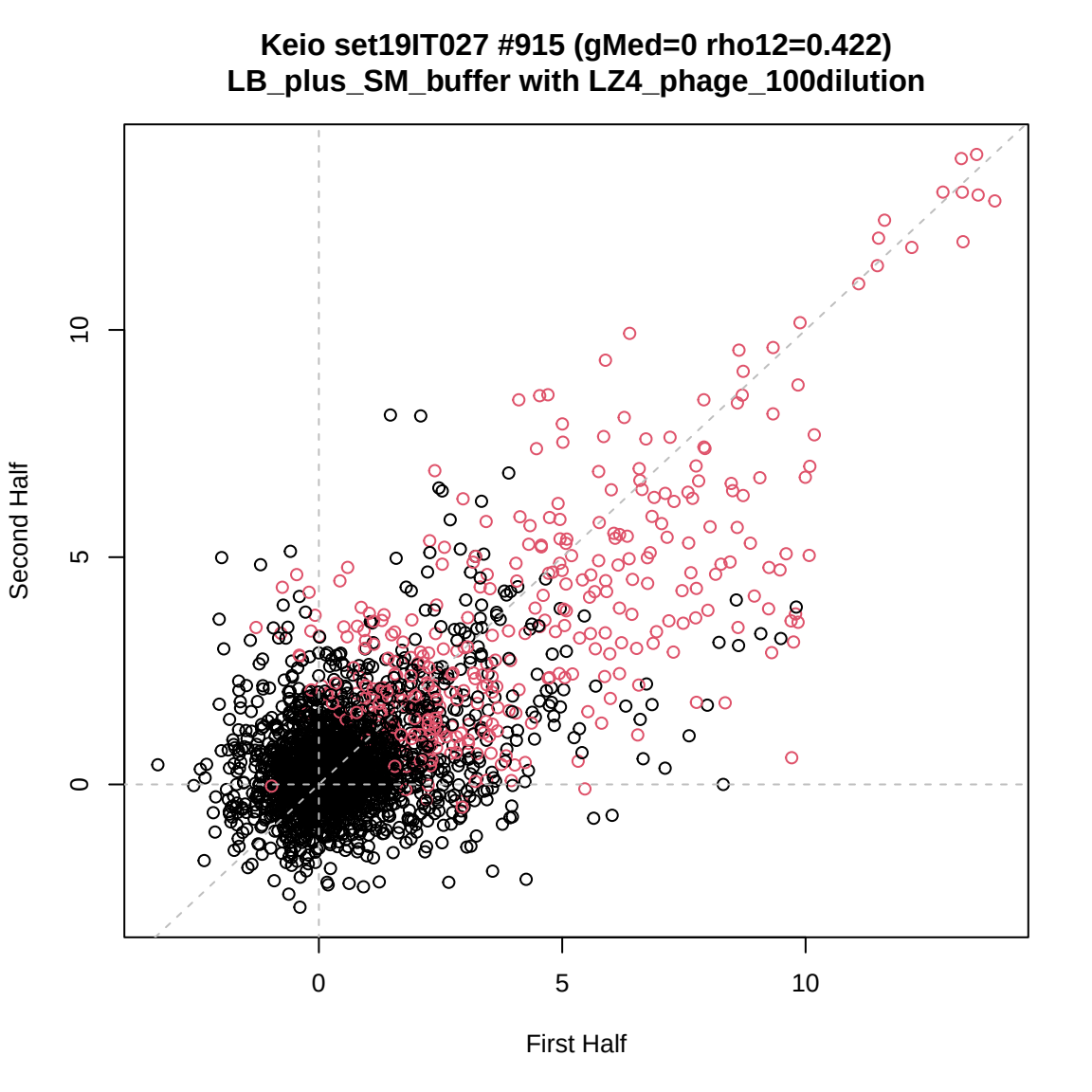

Keio set19IT022 #910 (gMed=0 rho12=0.473)
LB_plus_SM_buffer with N4_phage
Second Half
First Half
0
5
10
0
5
10

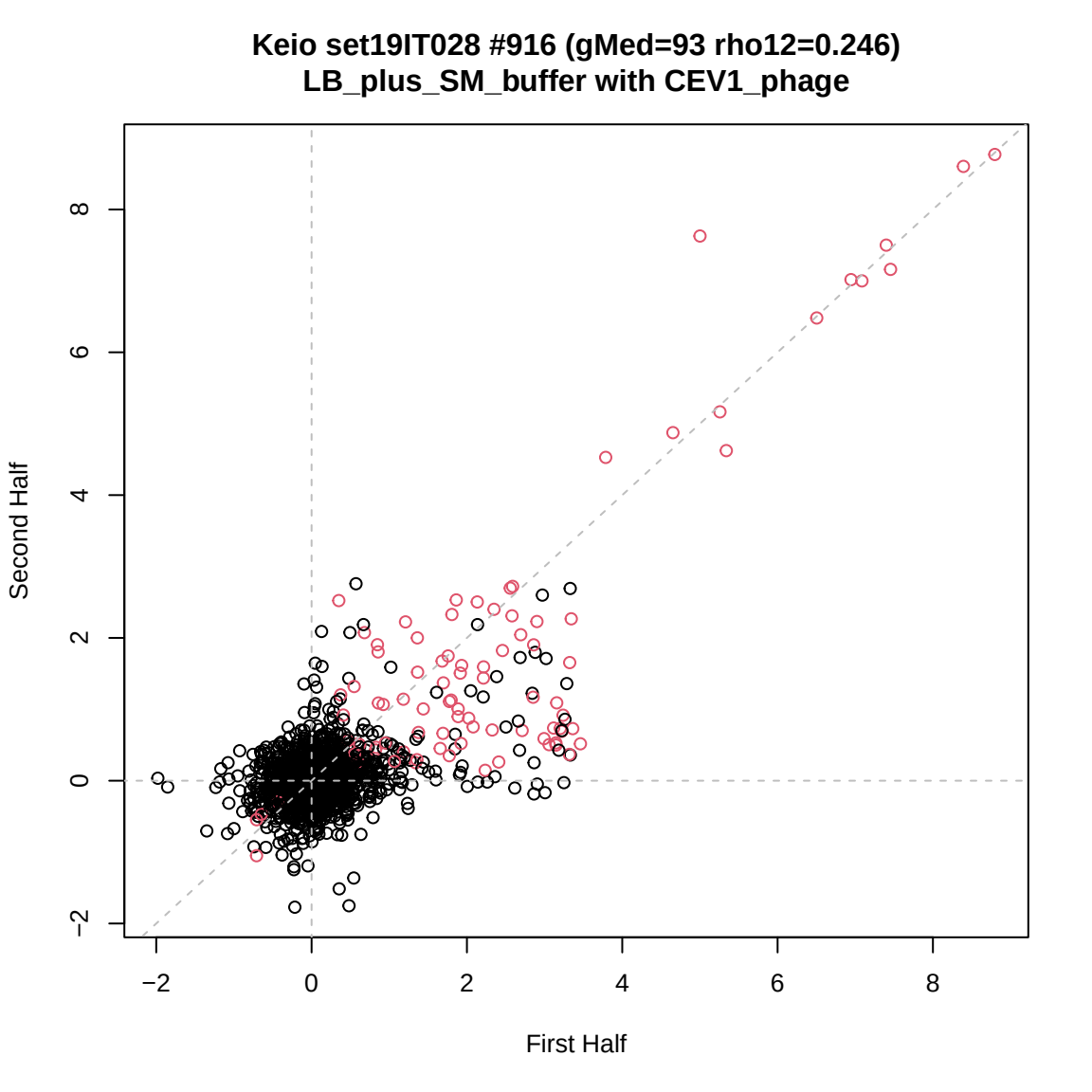

Keio set19IT023 #911 (gMed=13 rho12=0.369)
LB_plus_SM_buffer with N4_phage_10dilution
Second Half
First Half
0
5
10
0
5
10

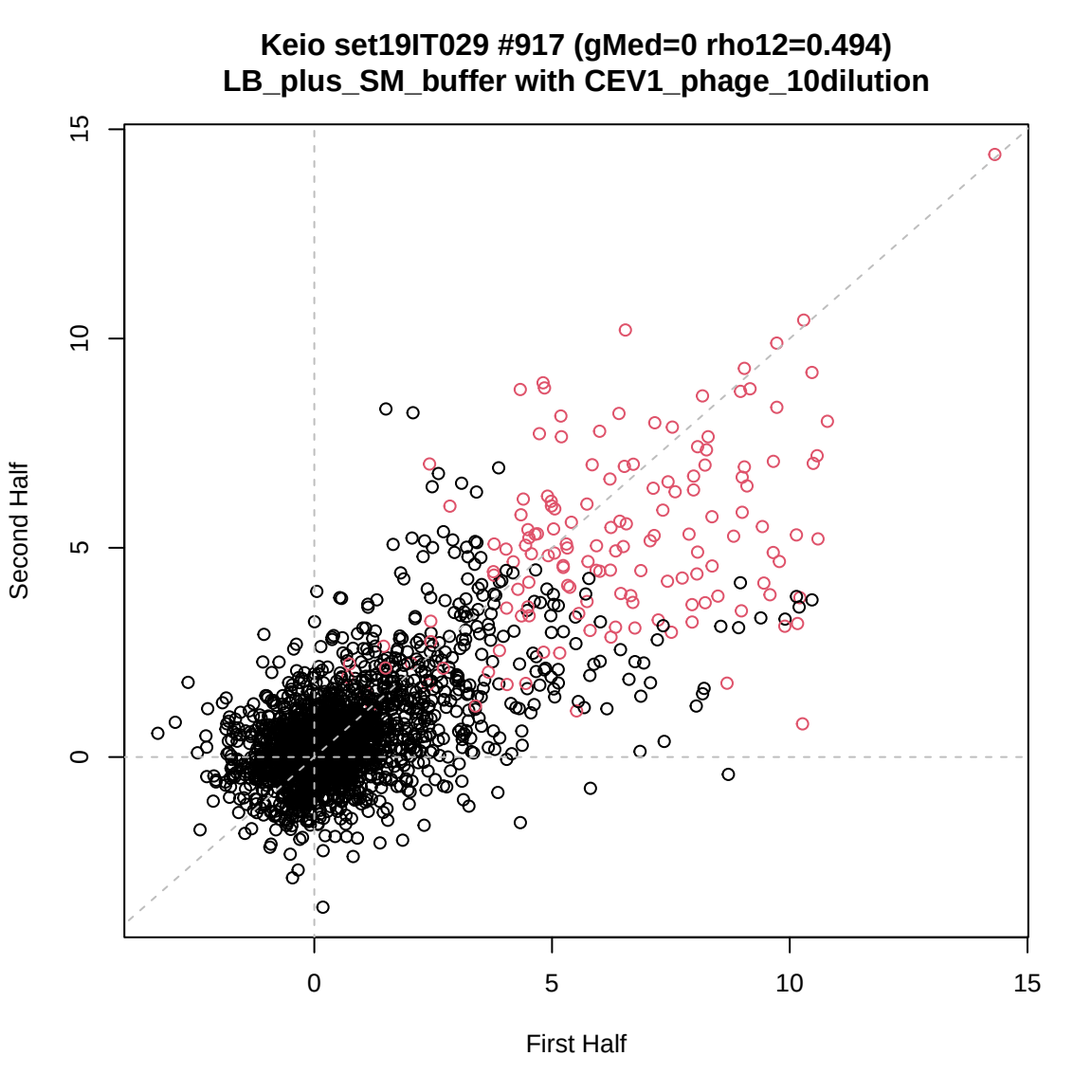

Keio set19IT024 #912 (gMed=146 rho12=0.202)
LB_plus_SM_buffer with N4_phage_100dilution
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

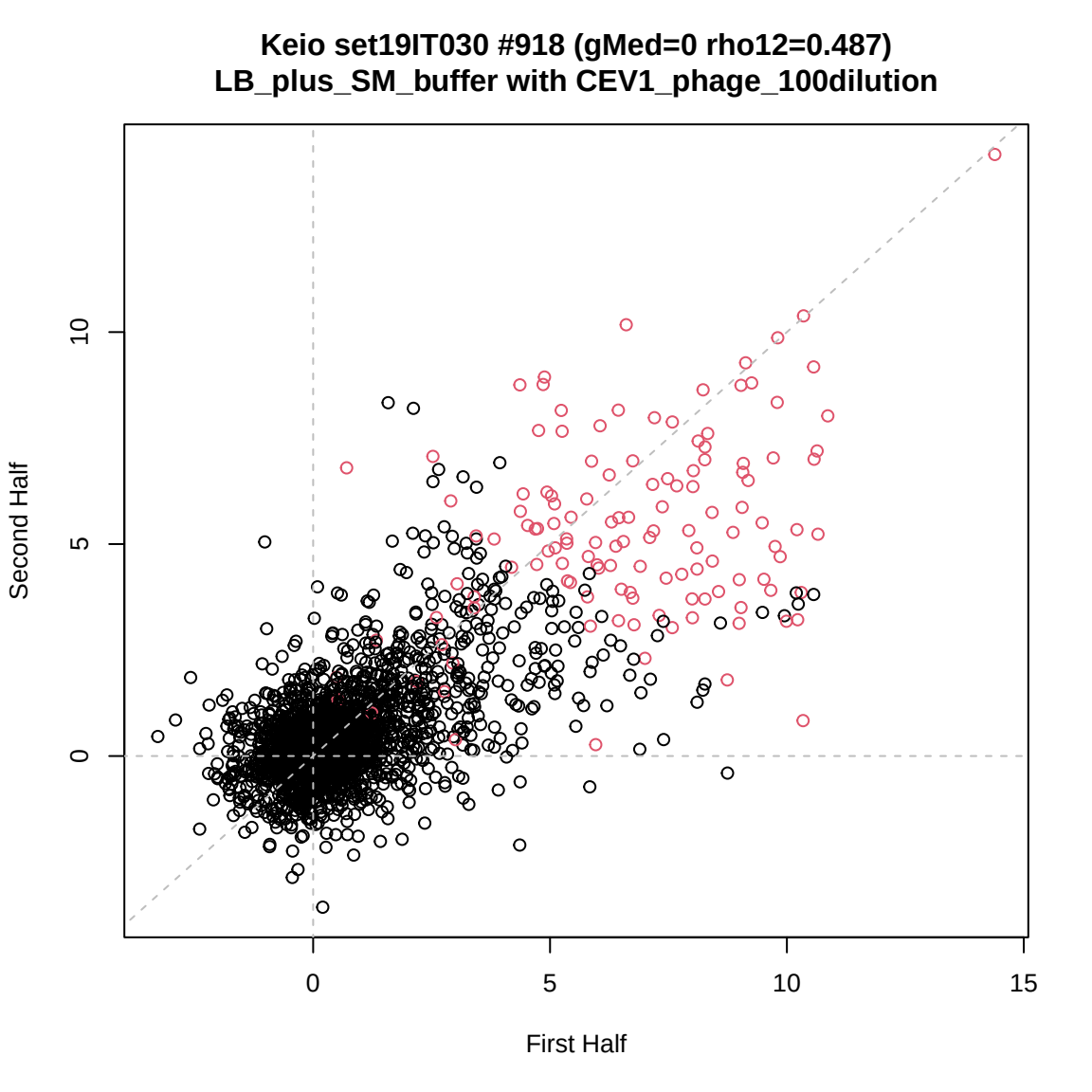

Keio set19IT025 #913 (gMed=11 rho12=0.393)
LB_plus_SM_buffer with LZ4_phage
Second Half
First Half
0
5
10
0
5
10

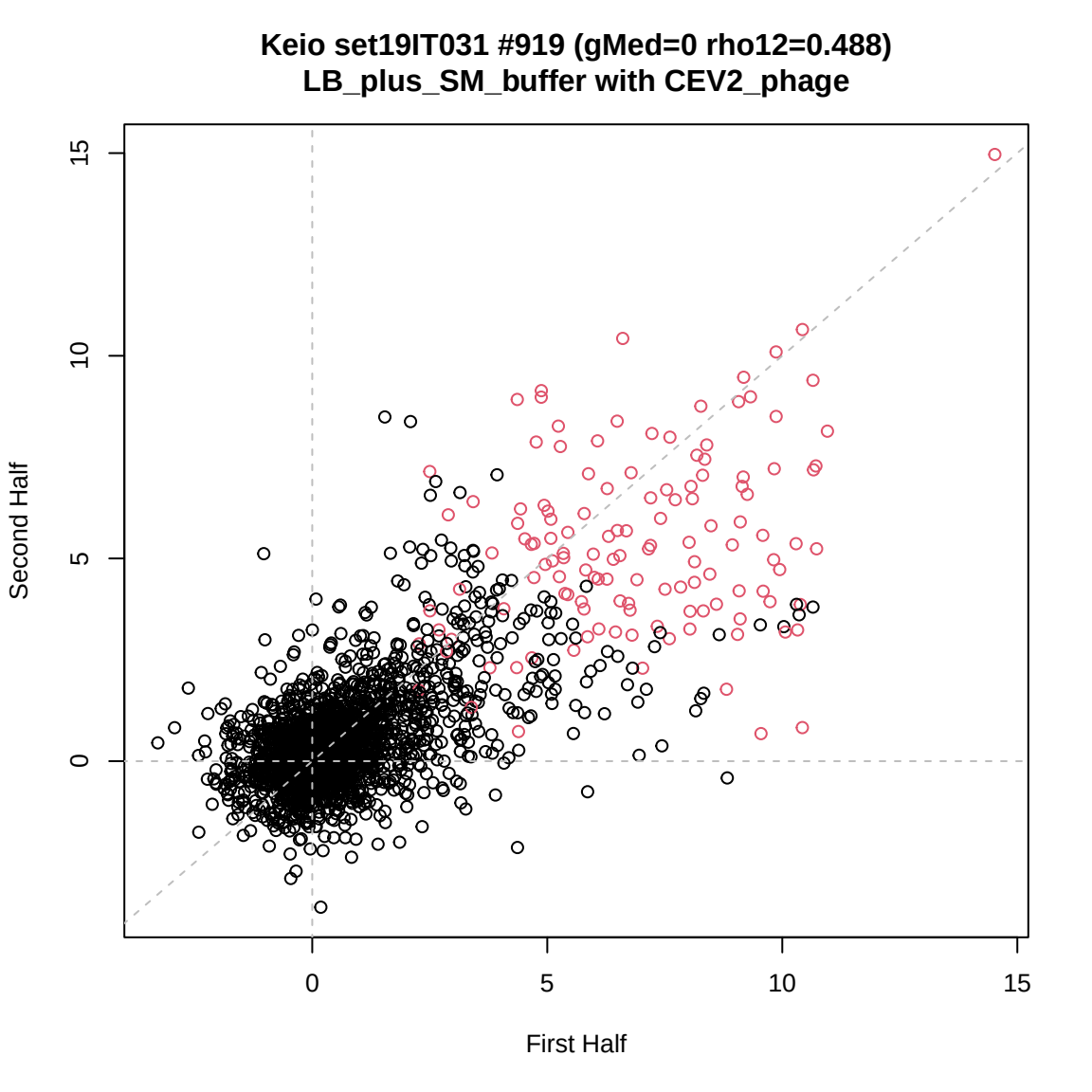

Keio set19IT026 #914 (gMed=0 rho12=0.472)
LB_plus_SM_buffer with LZ4_phage_10dilution
Second Half
First Half
0
5
10
0
5
10

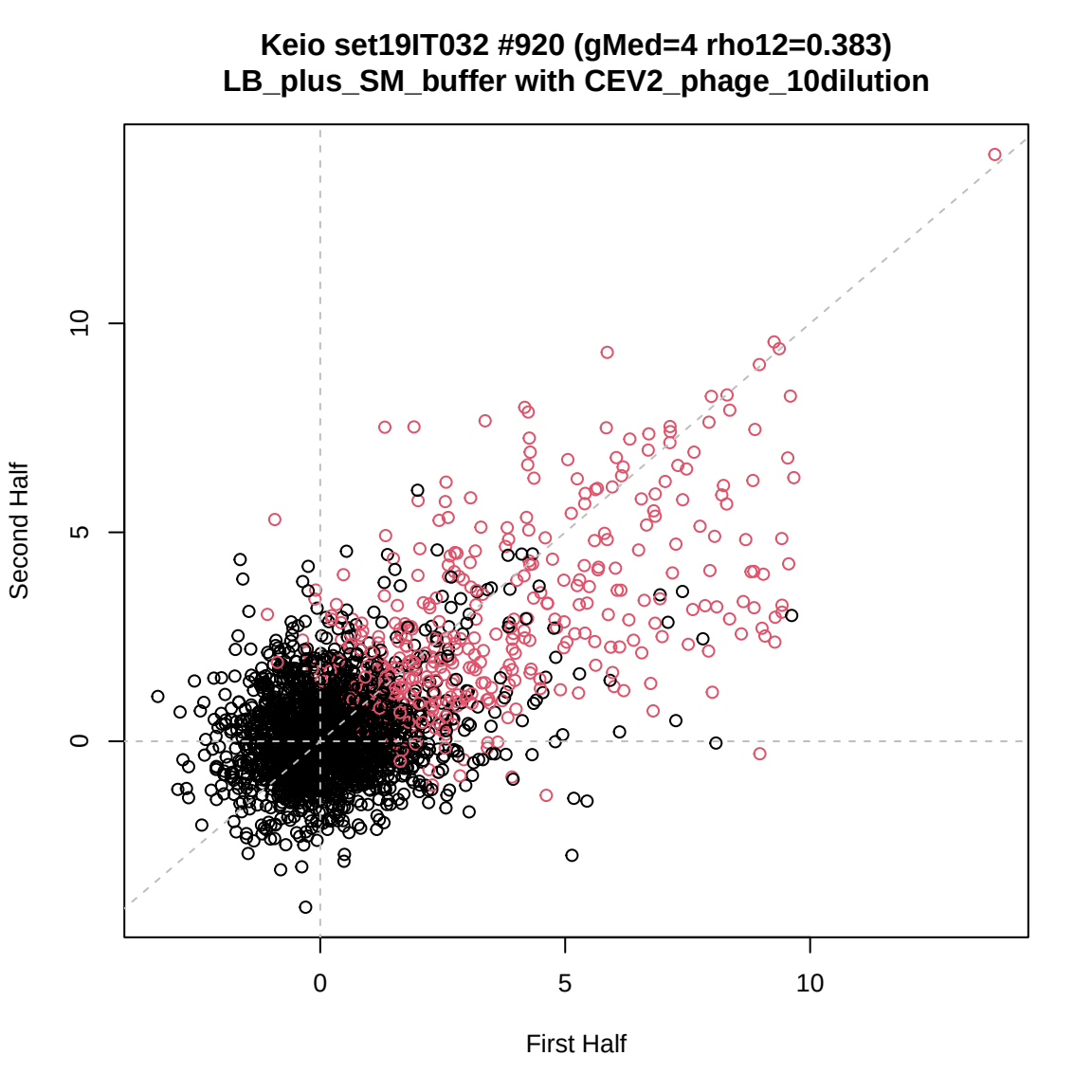

Keio set19IT027 #915 (gMed=0 rho12=0.422)
LB_plus_SM_buffer with LZ4_phage_100dilution
Second Half
First Half
0
5
10
0
5
10

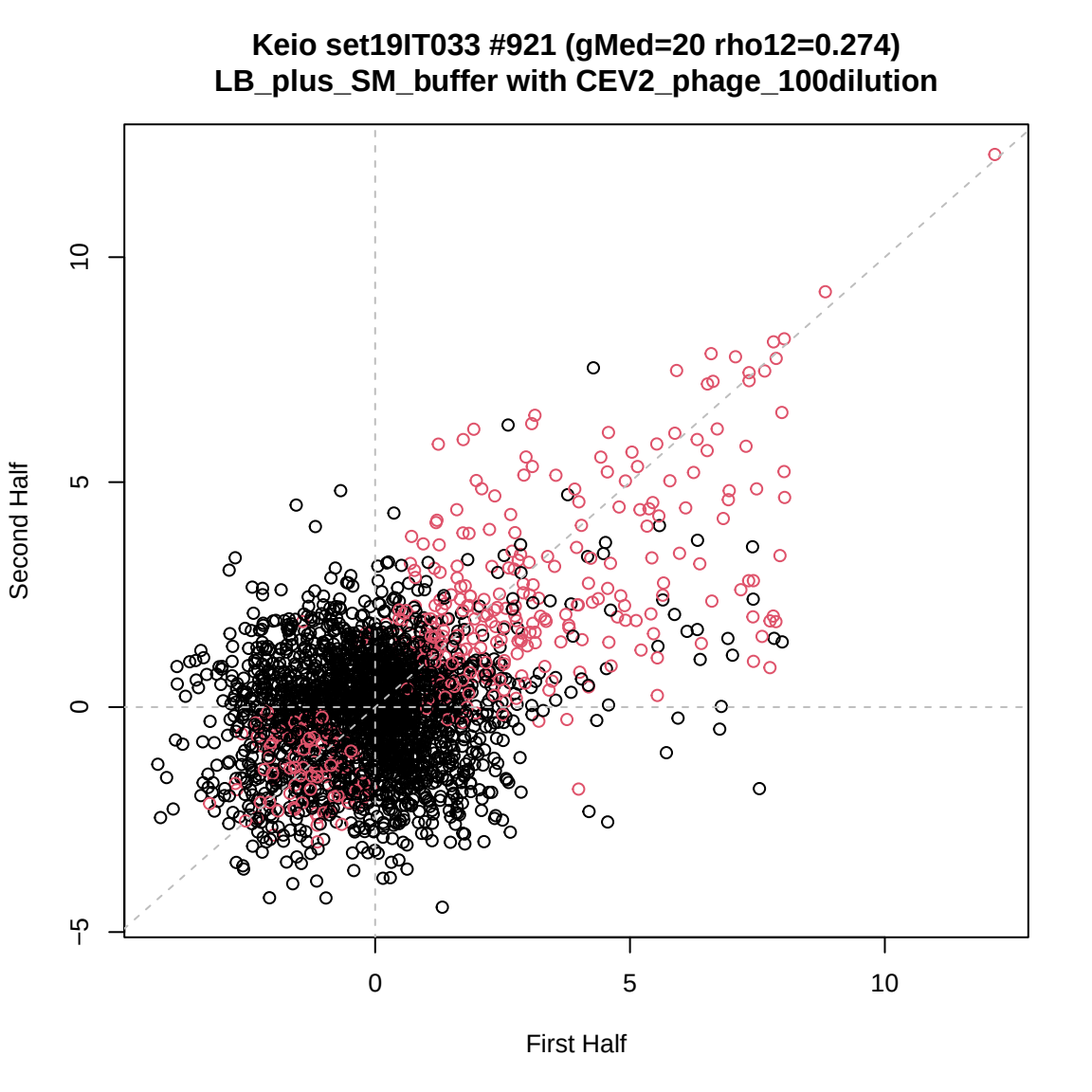

Keio set19IT028 #916 (gMed=93 rho12=0.246)
LB_plus_SM_buffer with CEV1_phage
Second Half
First Half
−2
0
2
4
6
8

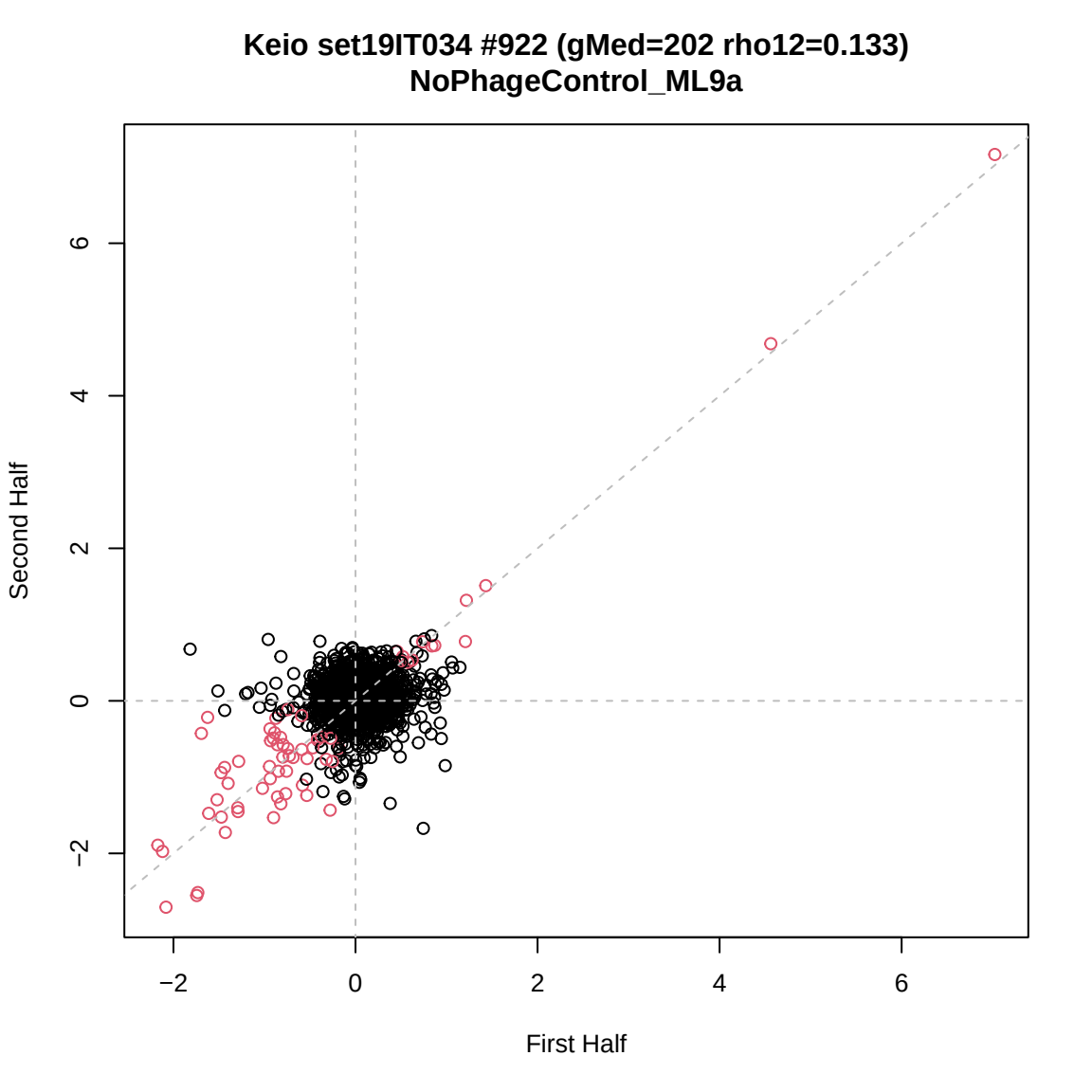

Keio set19IT029 #917 (gMed=0 rho12=0.494)
LB_plus_SM_buffer with CEV1_phage_10dilution
Second Half
First Half
15
10
5
0
0
5
10
15

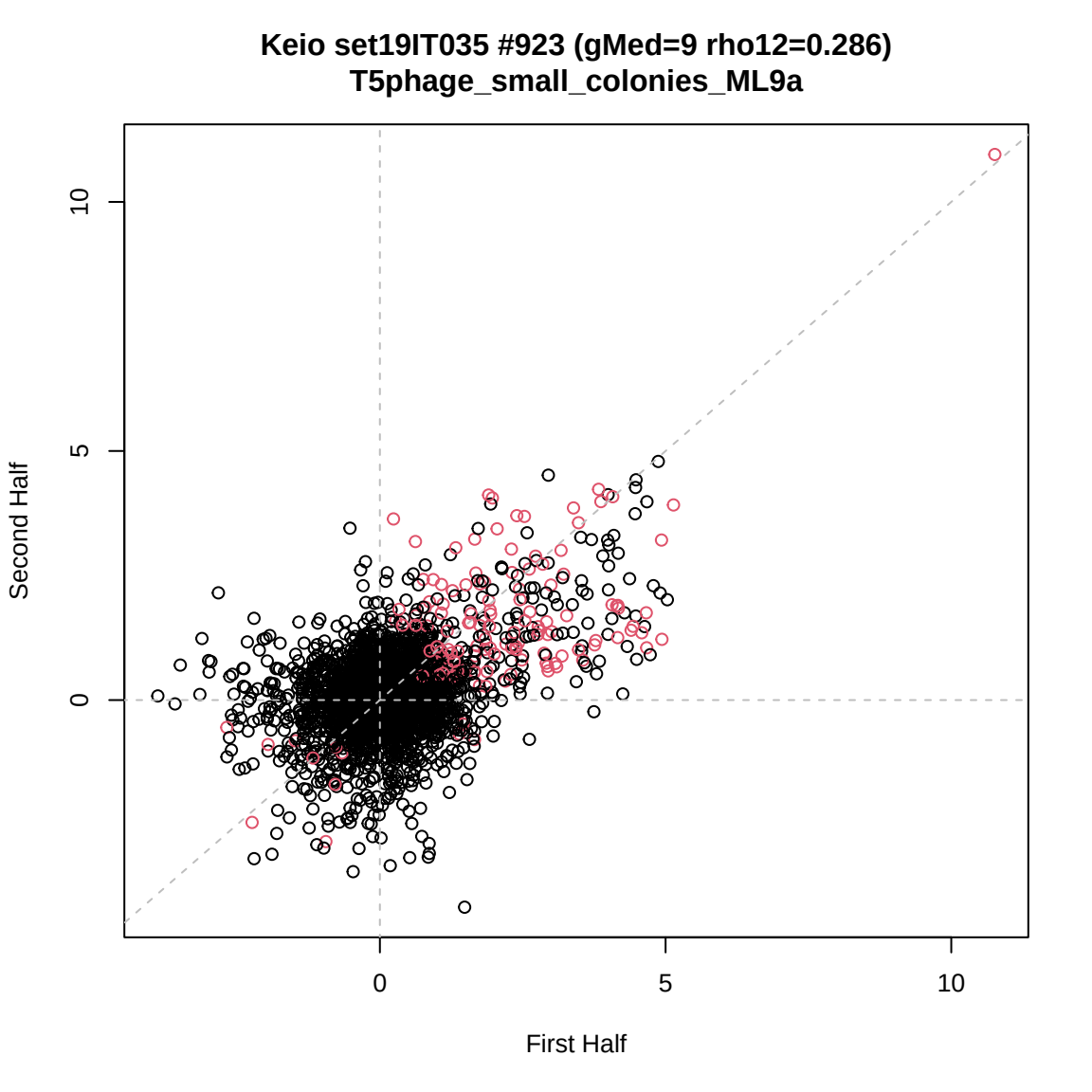

Keio set19IT030 #918 (gMed=0 rho12=0.487)
LB_plus_SM_buffer with CEV1_phage_100dilution
Second Half
First Half
0
5
10
15
0
5
10

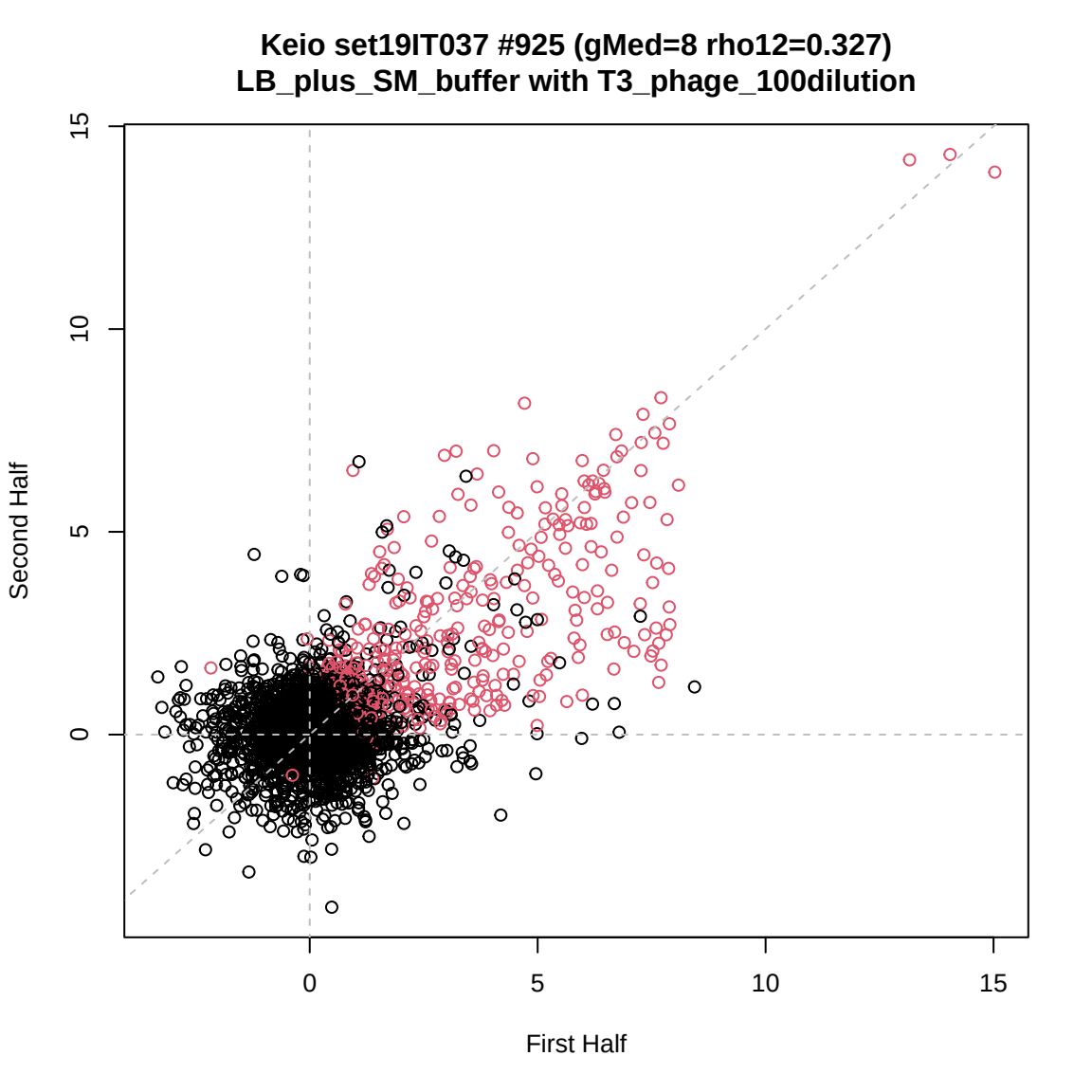

Keio set19IT031 #919 (gMed=0 rho12=0.488)
LB_plus_SM_buffer with CEV2_phage
Second Half
First Half
0
5
10
15

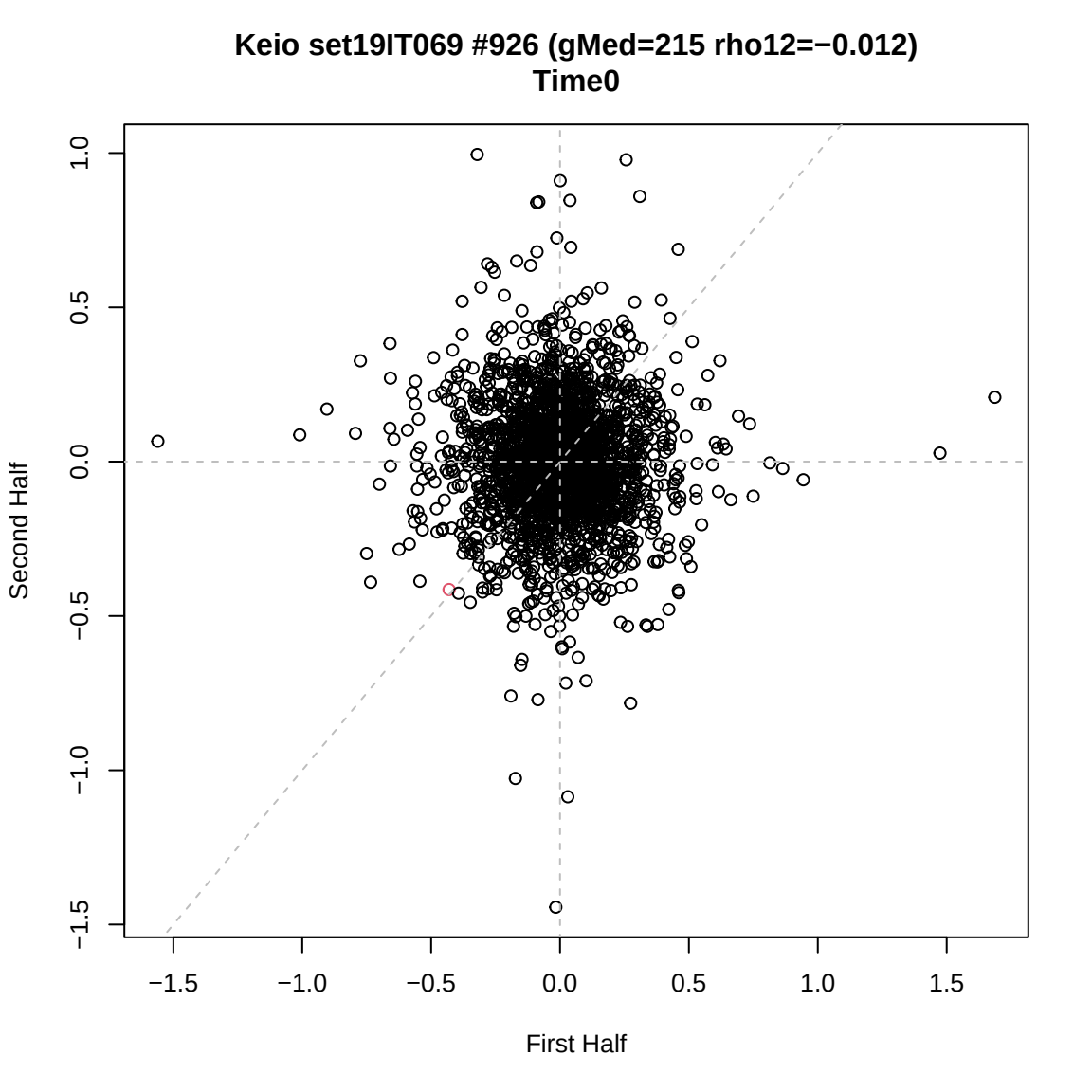

Keio set19IT032 #920 (gMed=4 rho12=0.383)
LB_plus_SM_buffer with CEV2_phage_10dilution
Second Half
First Half
0
5
10
0
5
10

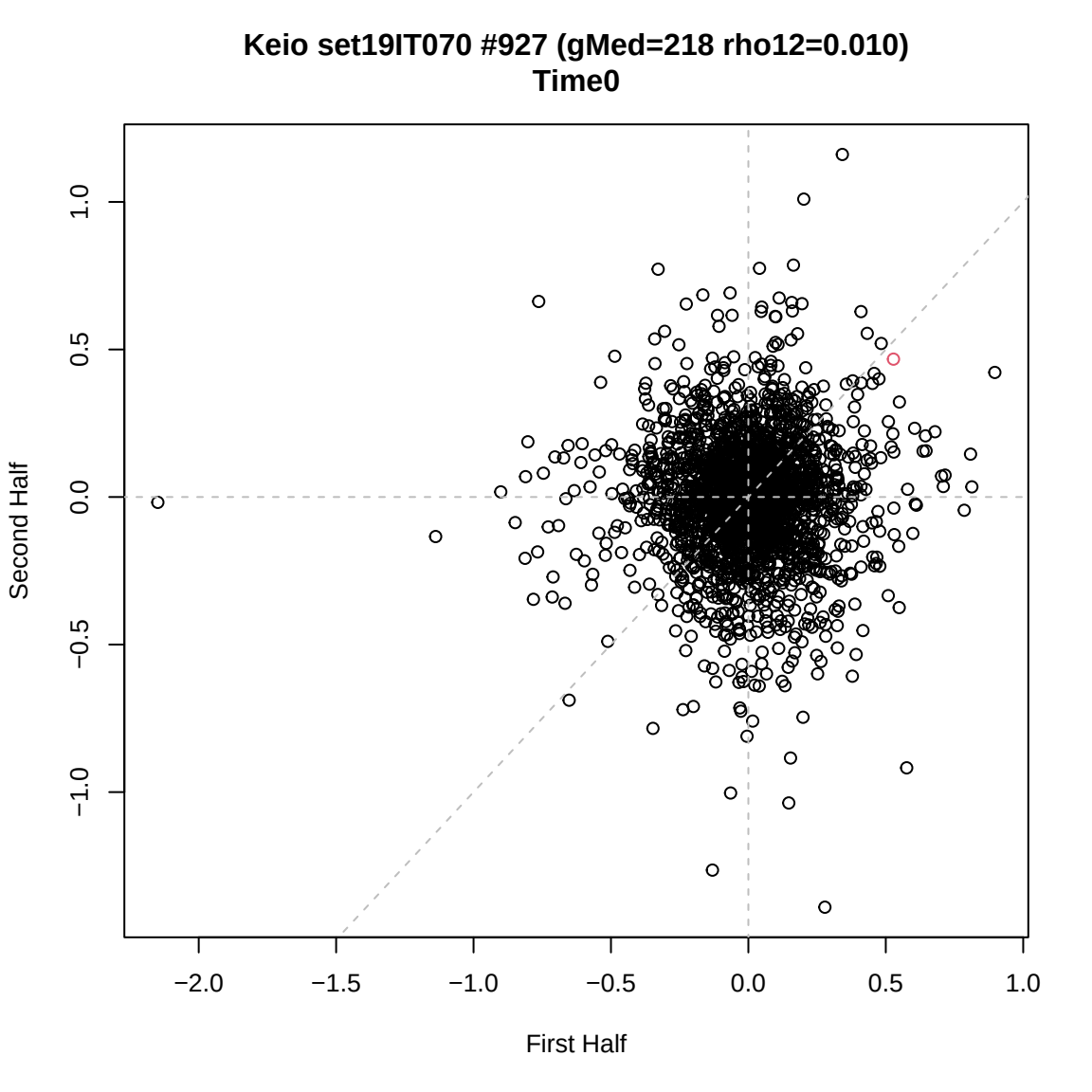

Keio set19IT033 #921 (gMed=20 rho12=0.274)
LB_plus_SM_buffer with CEV2_phage_100dilution
Second Half
First Half
10
5
0
−5
0
5
10

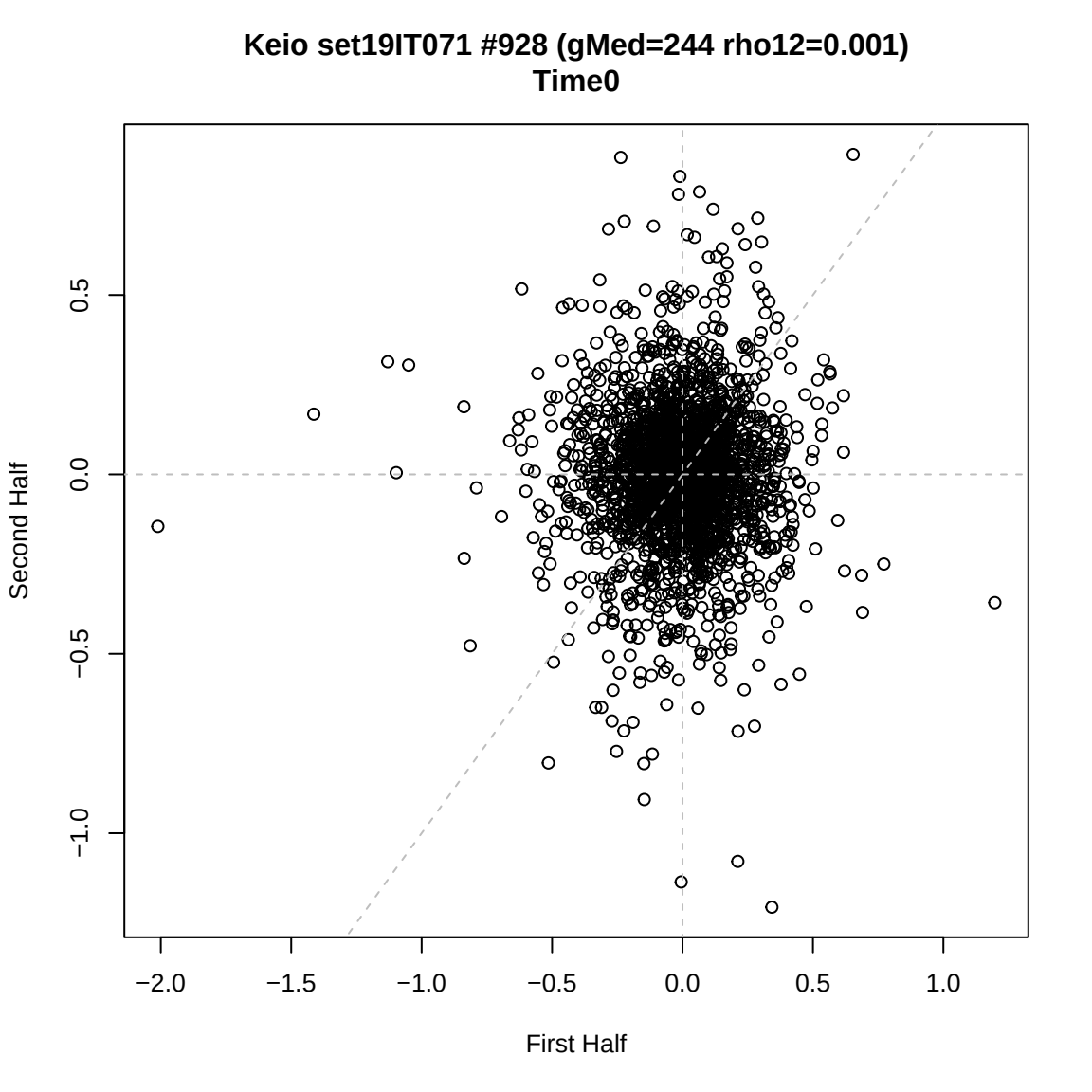

Keio set19IT034 #922 (gMed=202 rho12=0.133)
NoPhageControl_ML9a
Second Half
First Half
−2
0
2
4
6
−2
0
2
4
6

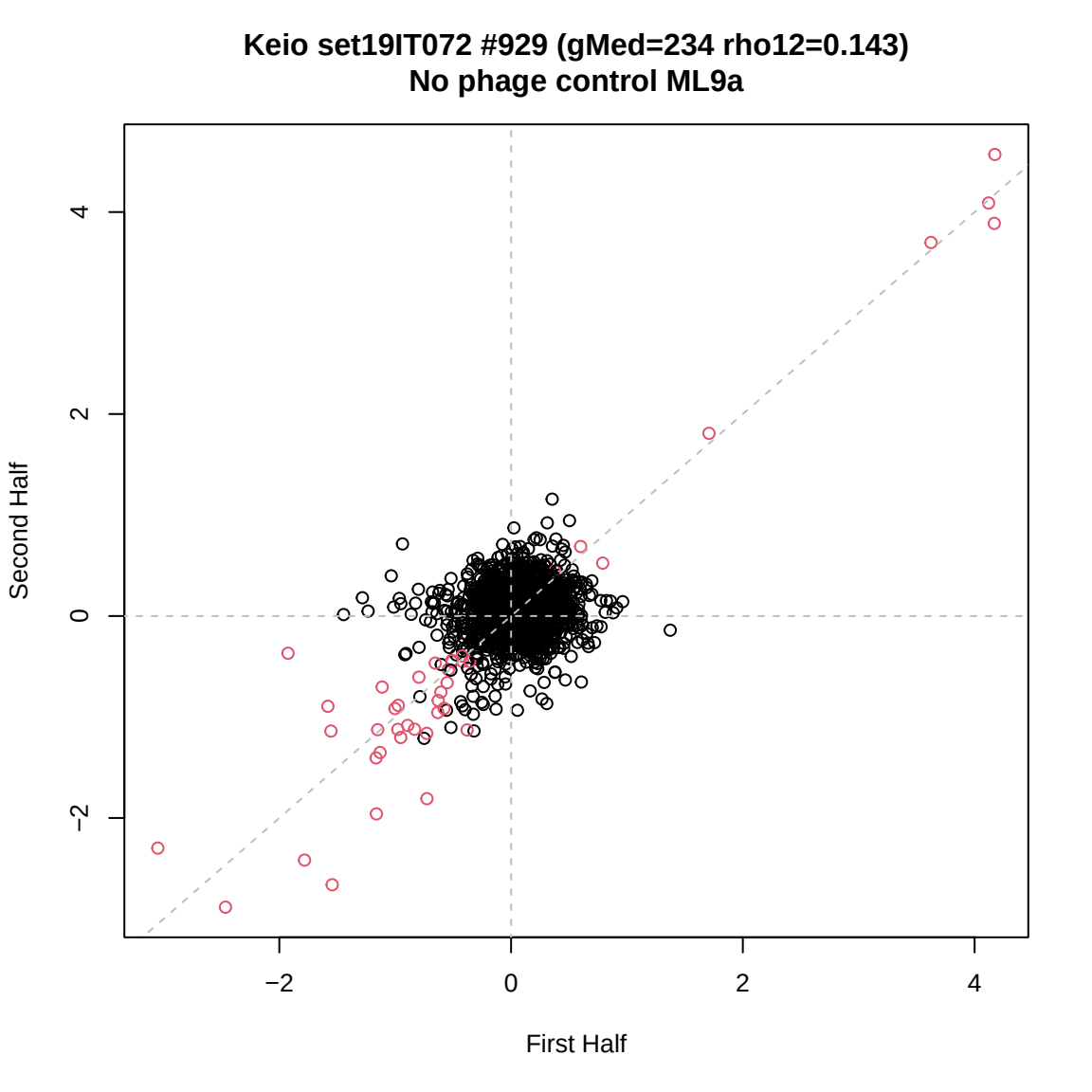

Keio set19IT035 #923 (gMed=9 rho12=0.286)
T5phage_small_colonies_ML9a
Second Half
First Half
10
5
0
0
5
10

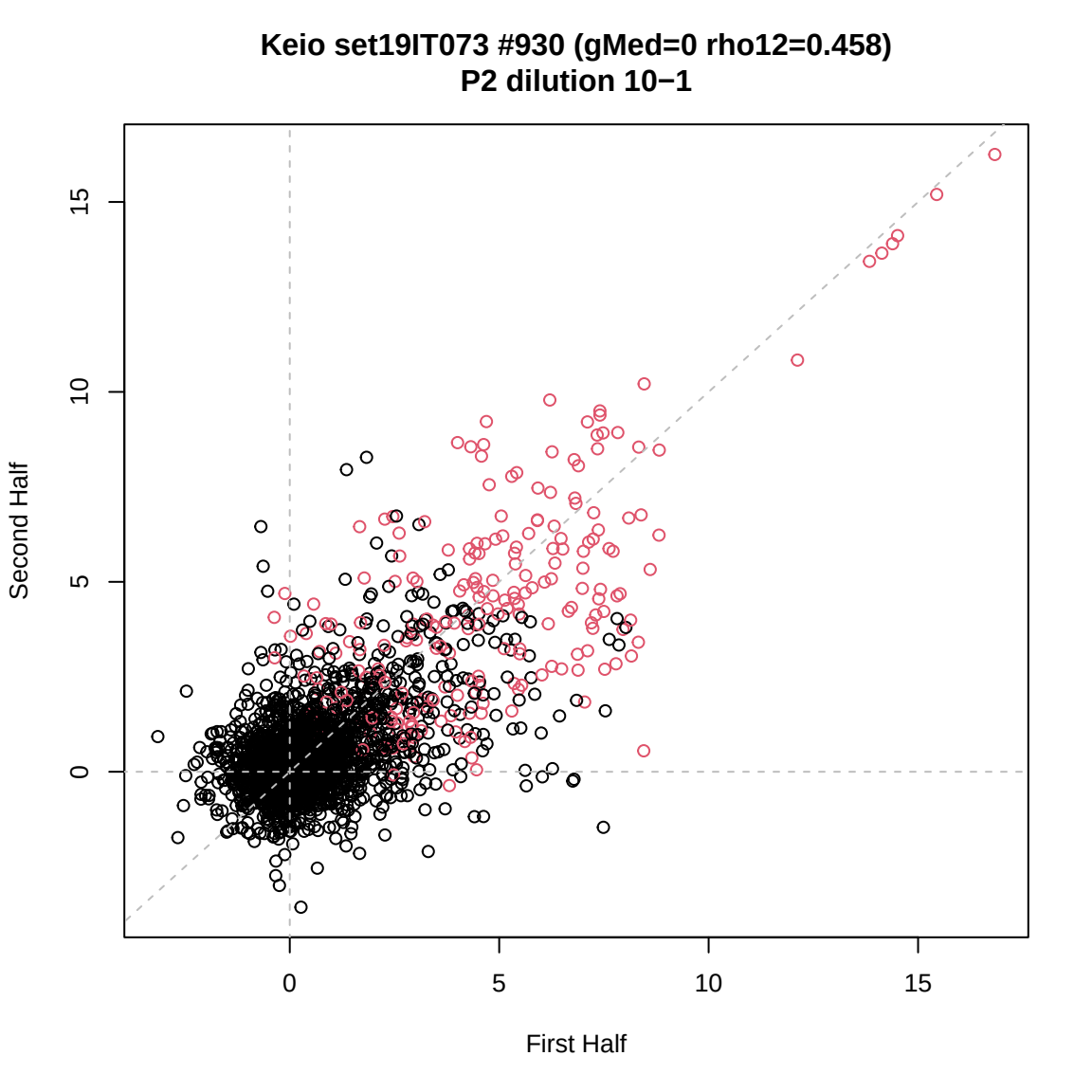

Keio set19IT037 #925 (gMed=8 rho12=0.327)
LB_plus_SM_buffer with T3_phage_100dilution
Second Half
First Half
0
5
10
15

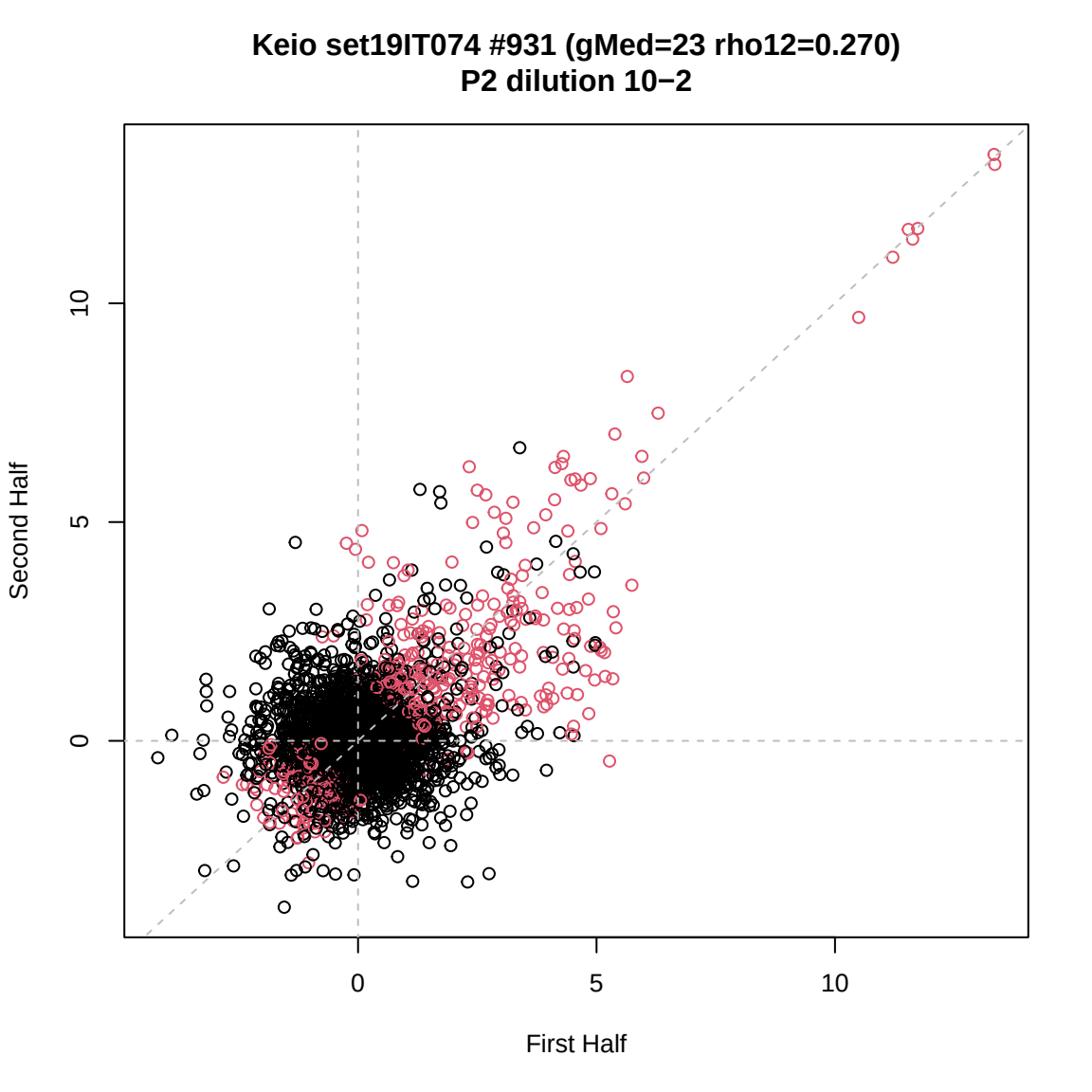

Keio set19IT069 #926 (gMed=215 rho12=−0.012)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

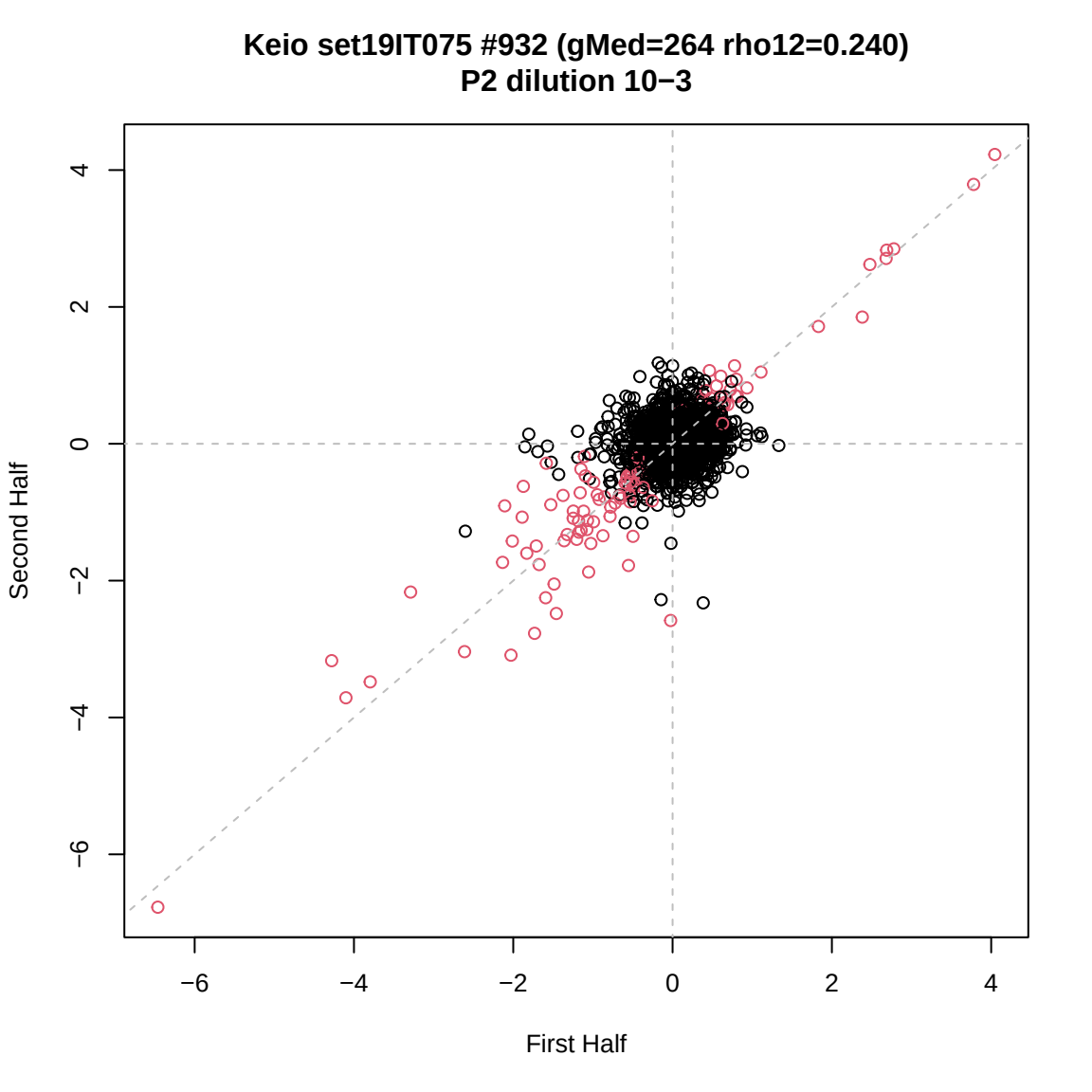

Keio set19IT070 #927 (gMed=218 rho12=0.010)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

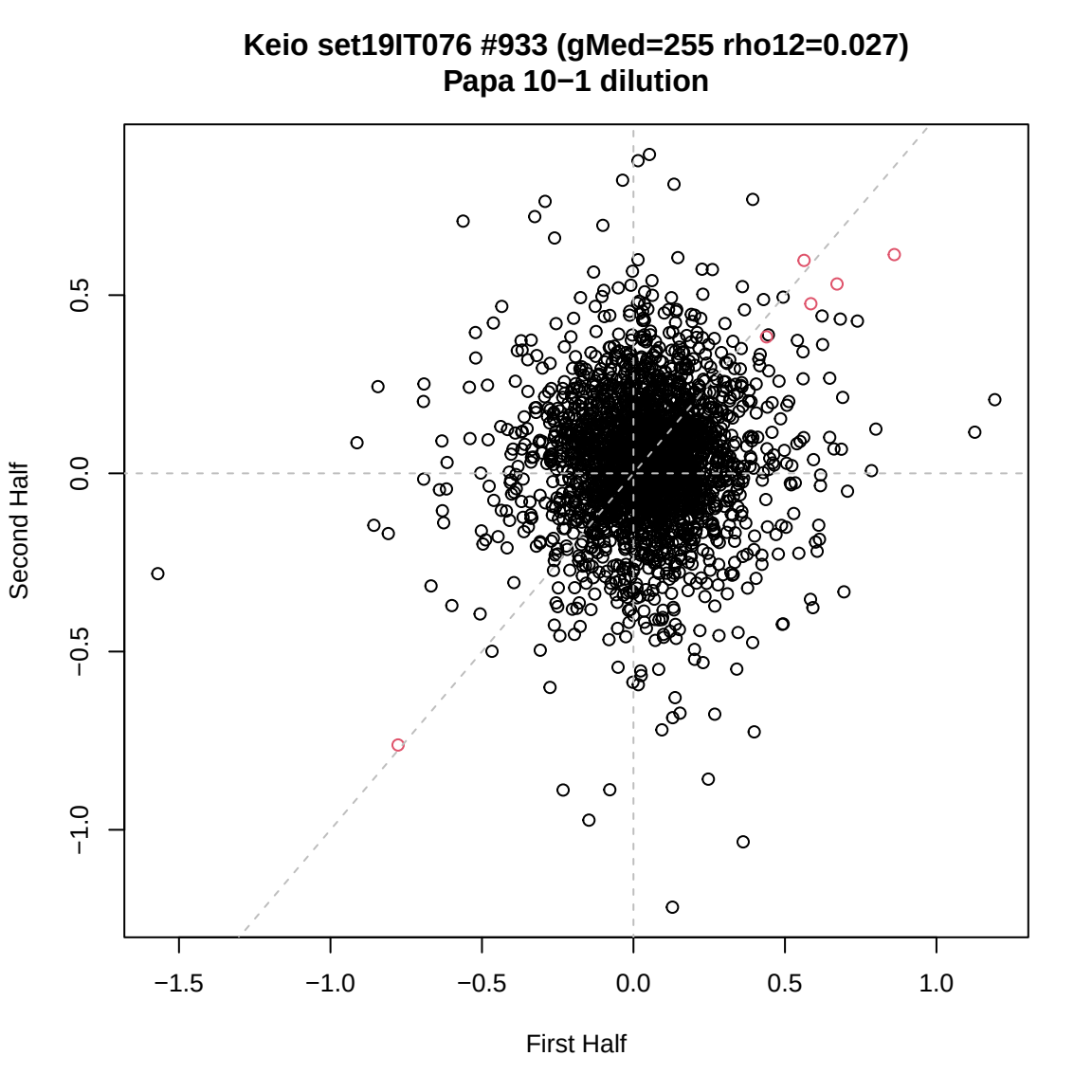

Keio set19IT071 #928 (gMed=244 rho12=0.001)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

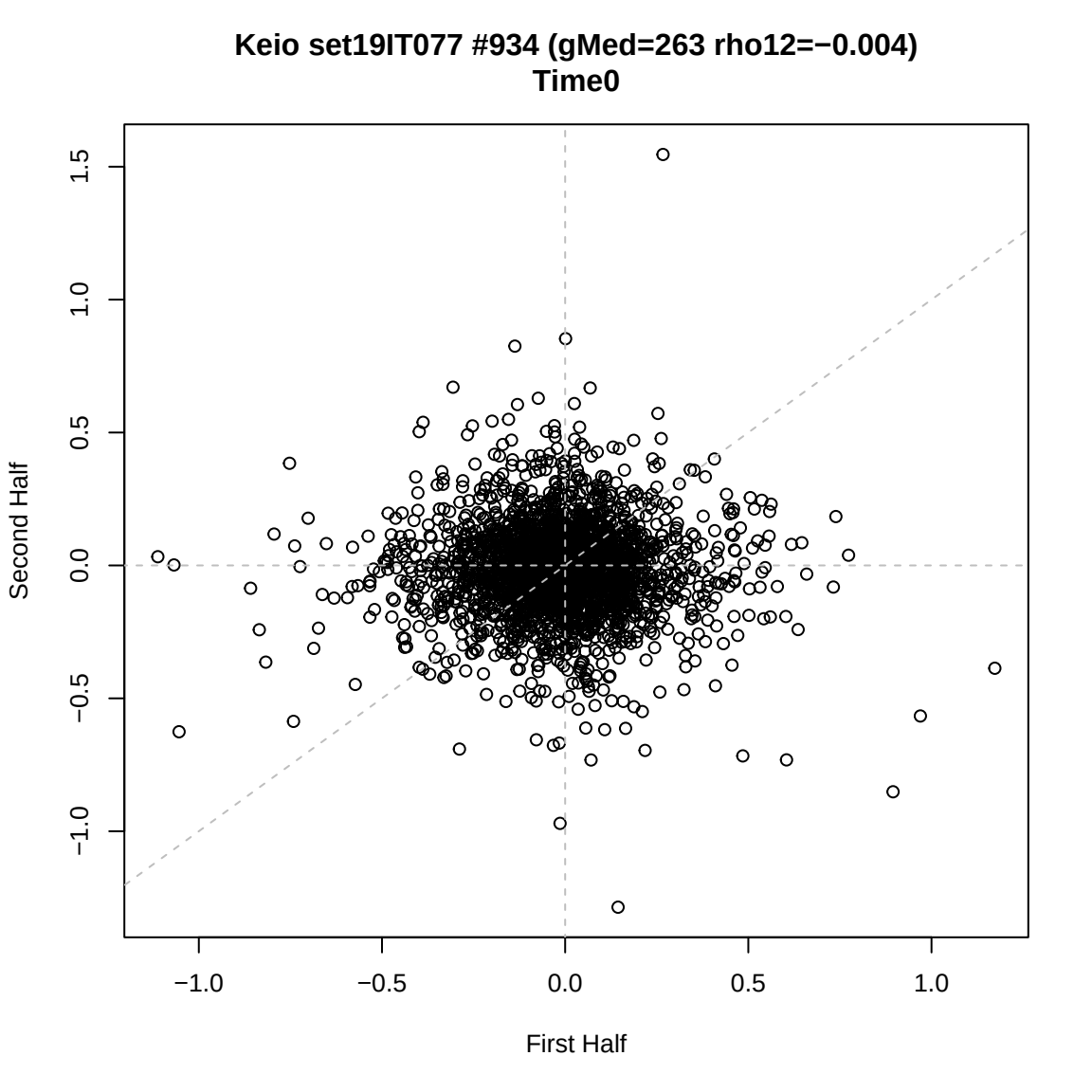

Keio set19IT072 #929 (gMed=234 rho12=0.143)
No phage control ML9a
Second Half
First Half
4
2
0
−2
−2
0
2
4

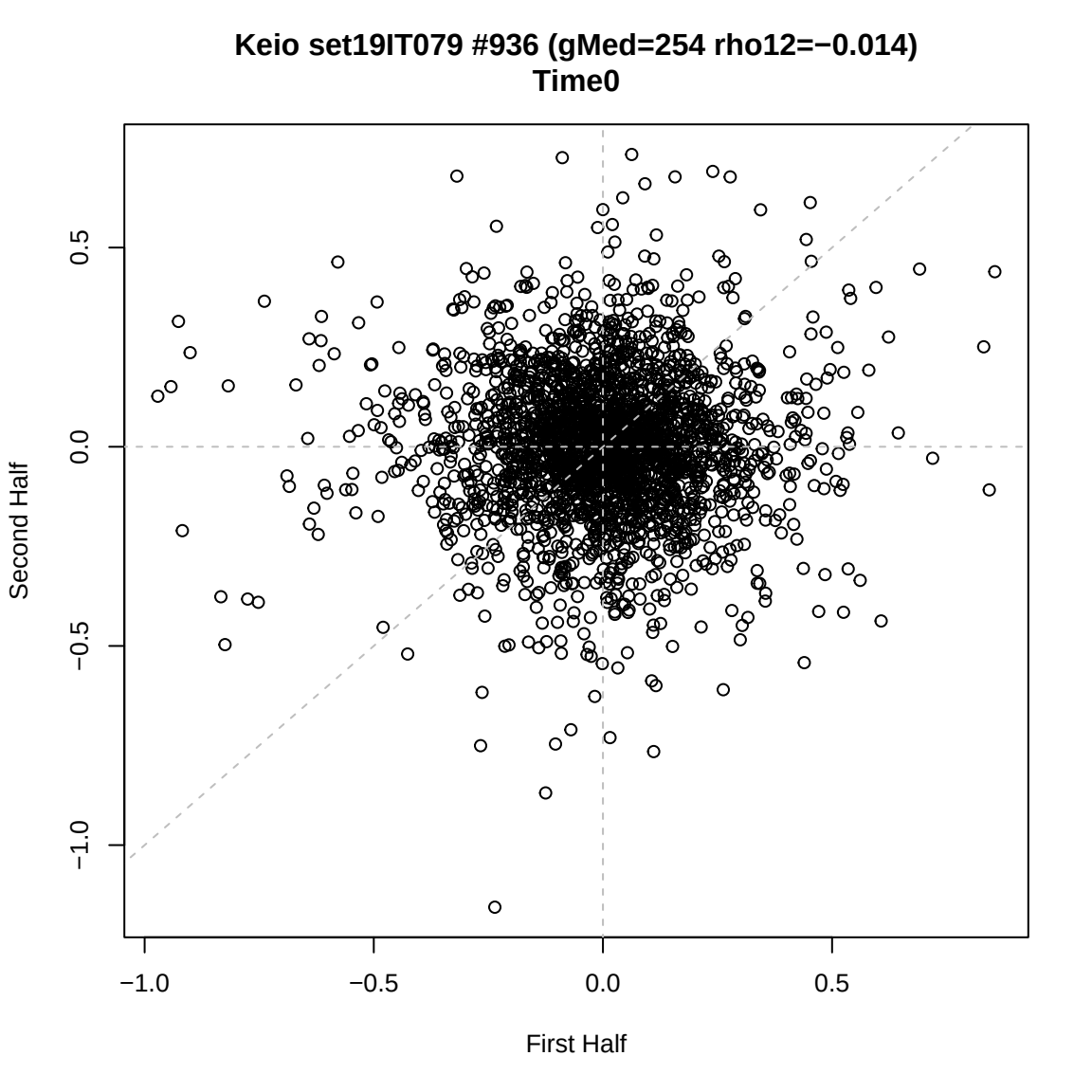

Keio set19IT073 #930 (gMed=0 rho12=0.458)
P2 dilution 10−1
Second Half
First Half
0
5
10
15

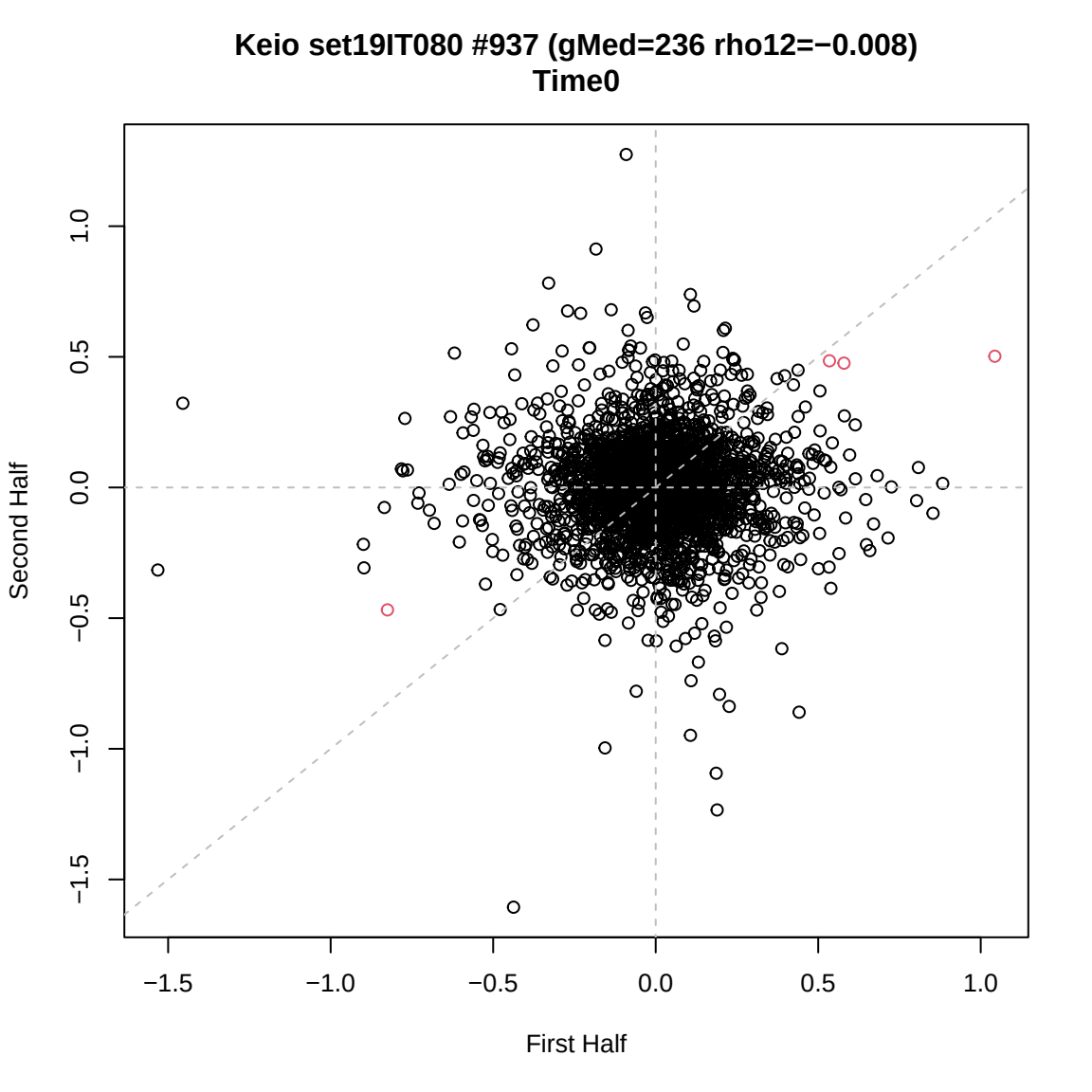

Keio set19IT074 #931 (gMed=23 rho12=0.270)
P2 dilution 10−2
Second Half
First Half
0
5
10
0
5
10

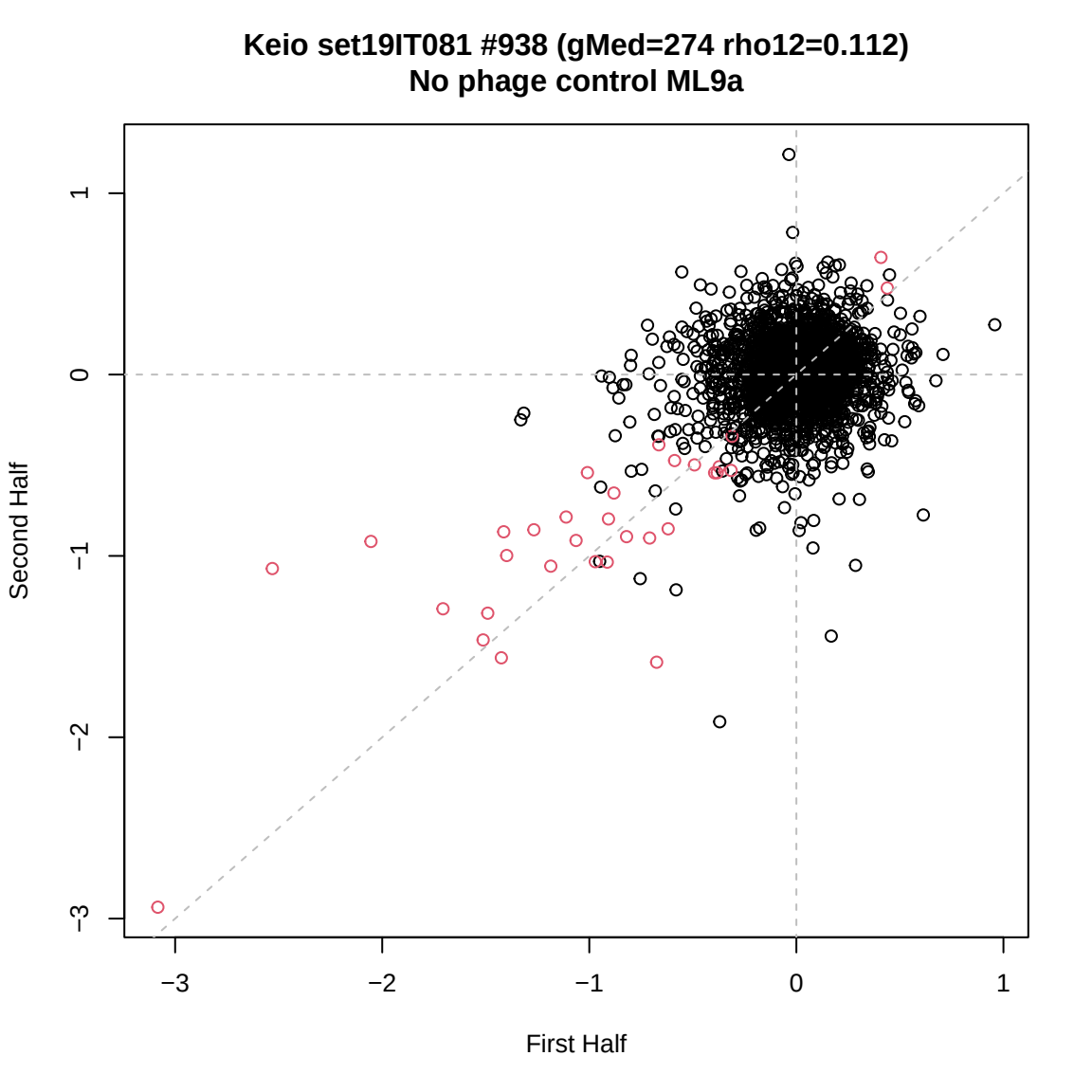

Keio set19IT075 #932 (gMed=264 rho12=0.240)
P2 dilution 10−3
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

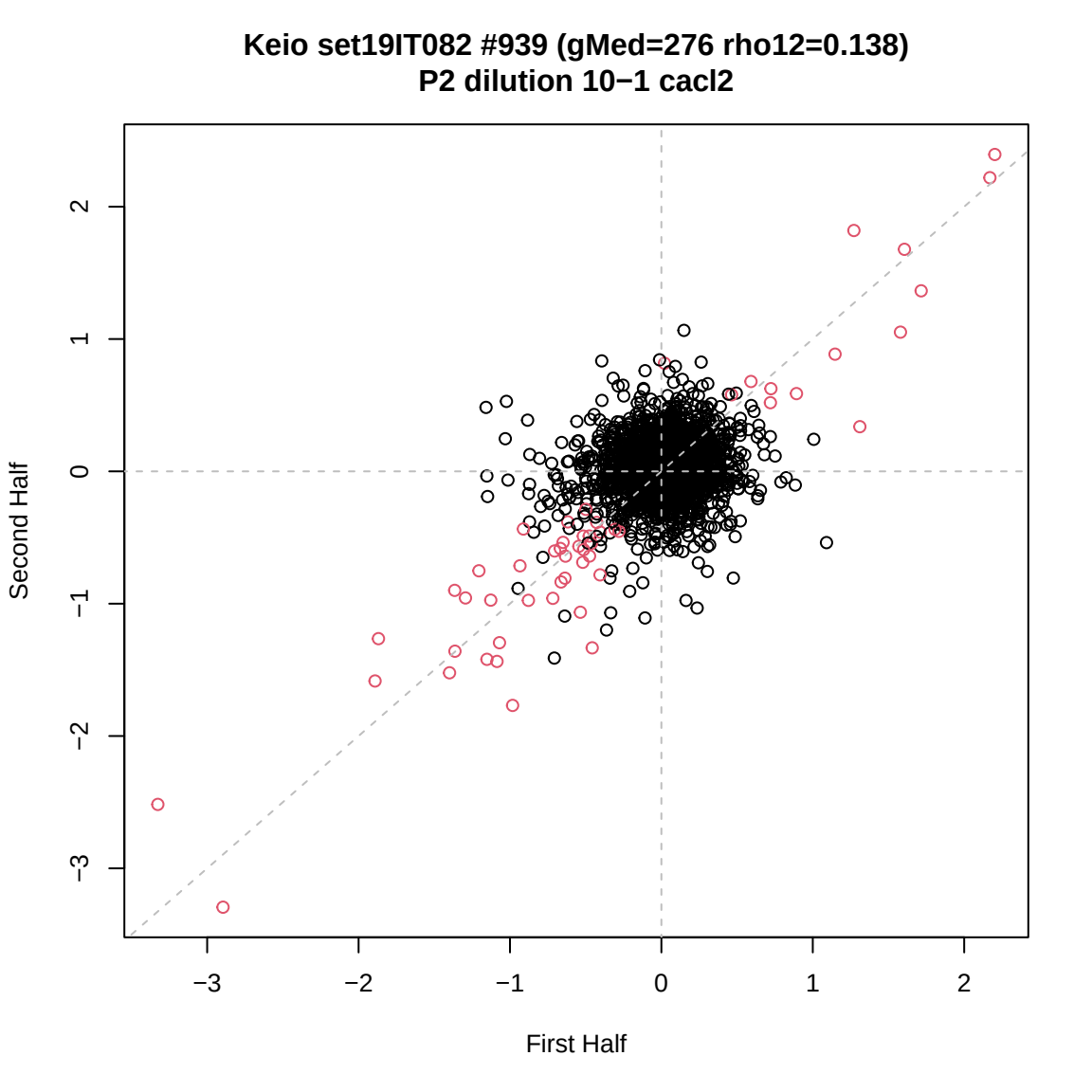

Keio set19IT076 #933 (gMed=255 rho12=0.027)
Papa 10−1 dilution
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

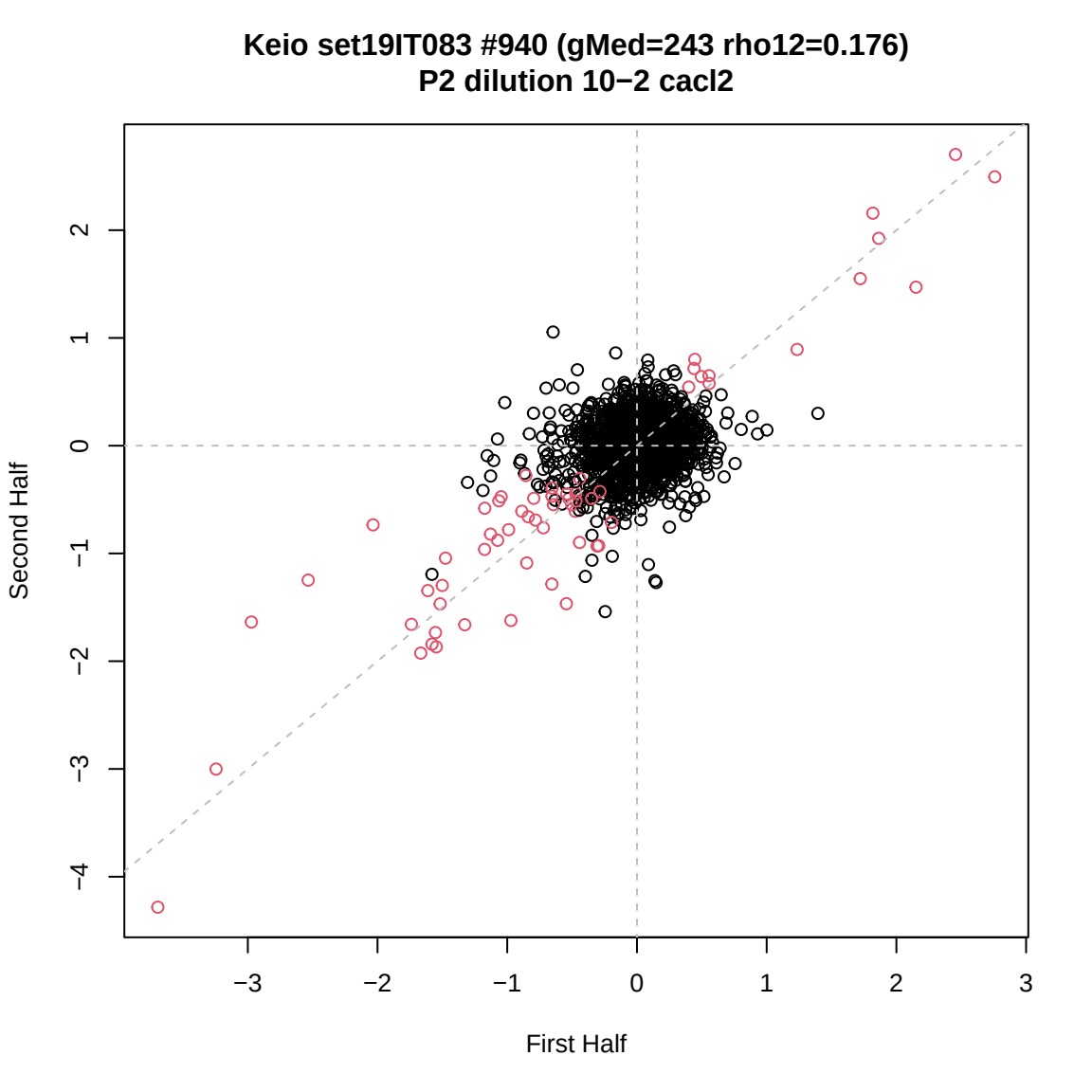

Keio set19IT077 #934 (gMed=263 rho12=−0.004)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

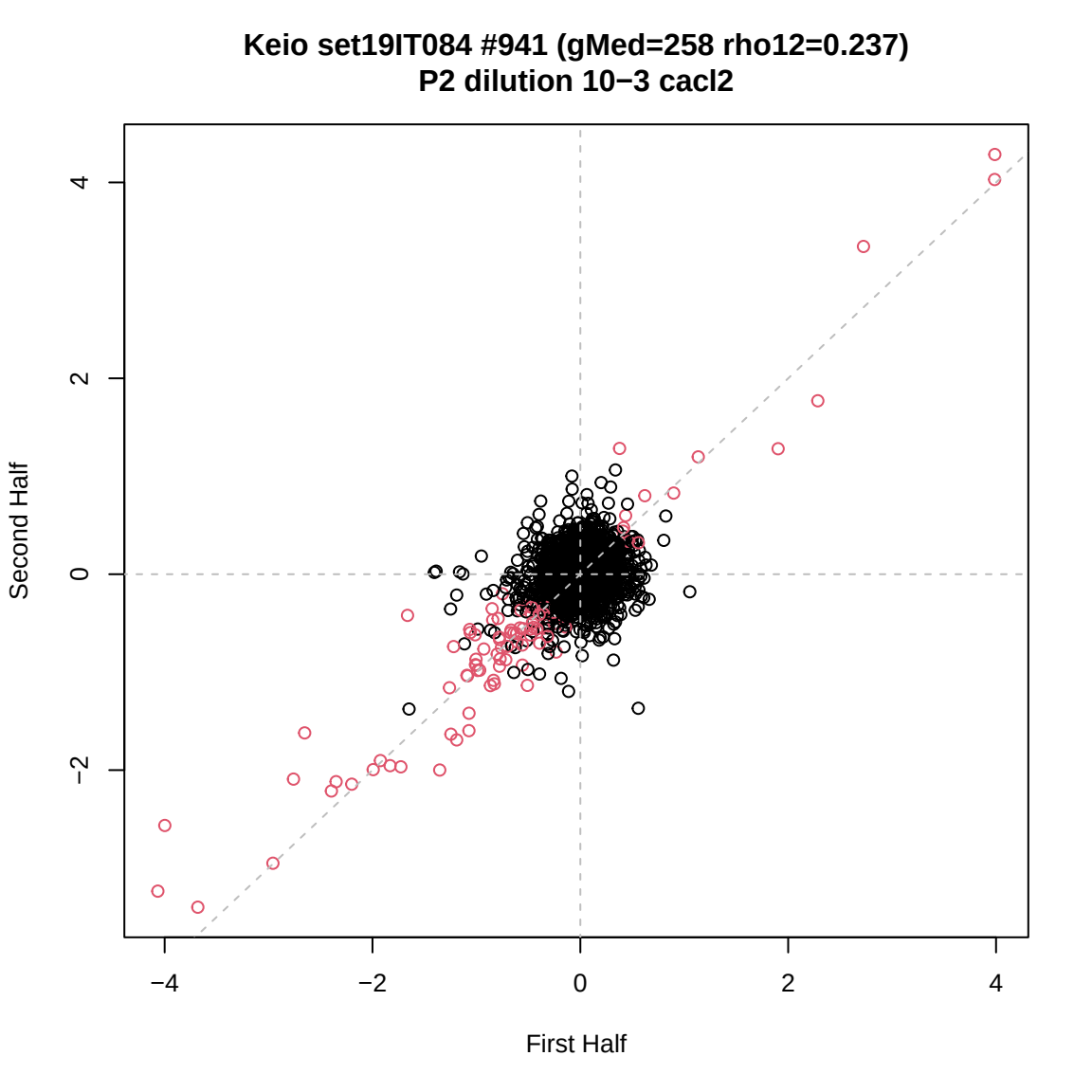

Keio set19IT079 #936 (gMed=254 rho12=−0.014)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

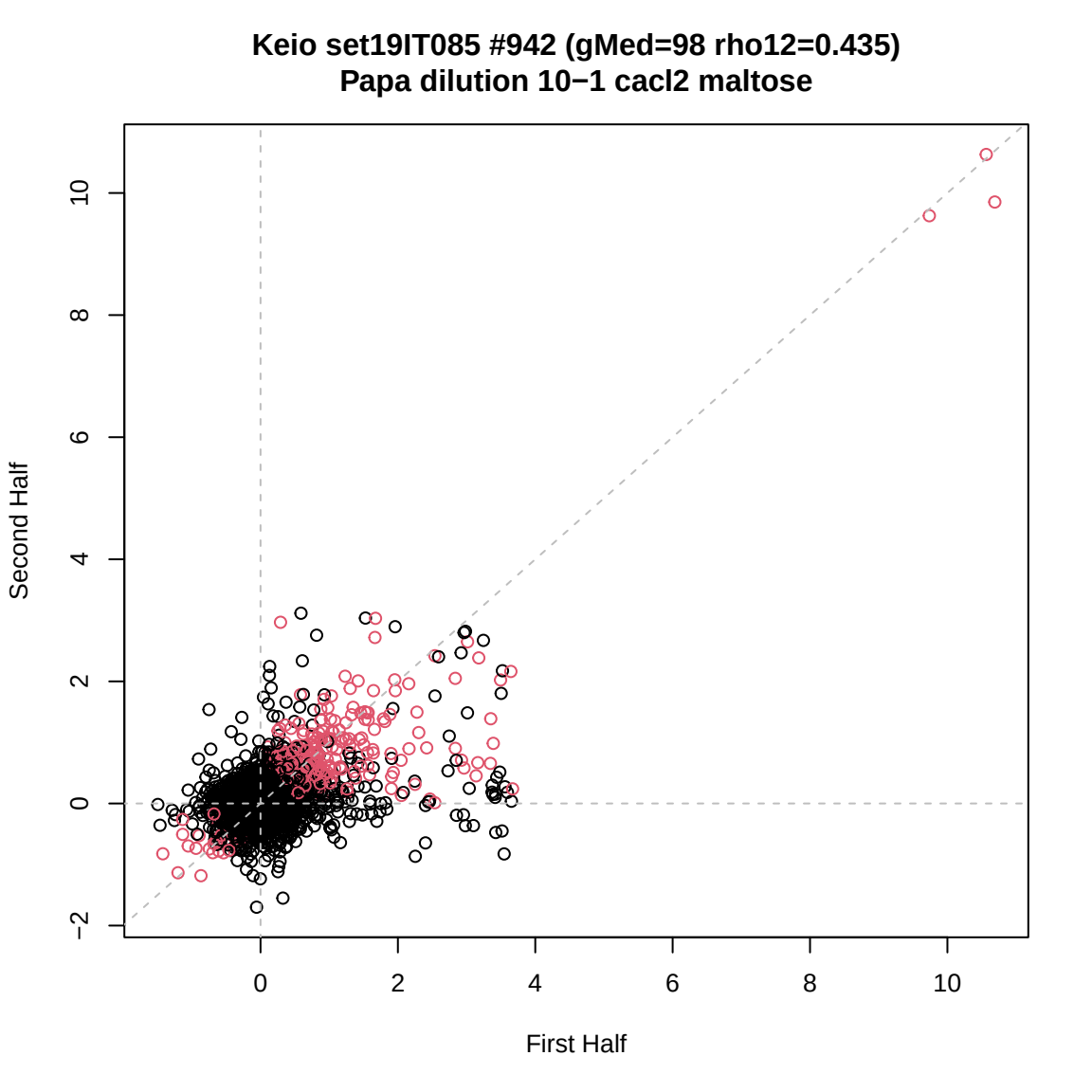

Keio set19IT080 #937 (gMed=236 rho12=−0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

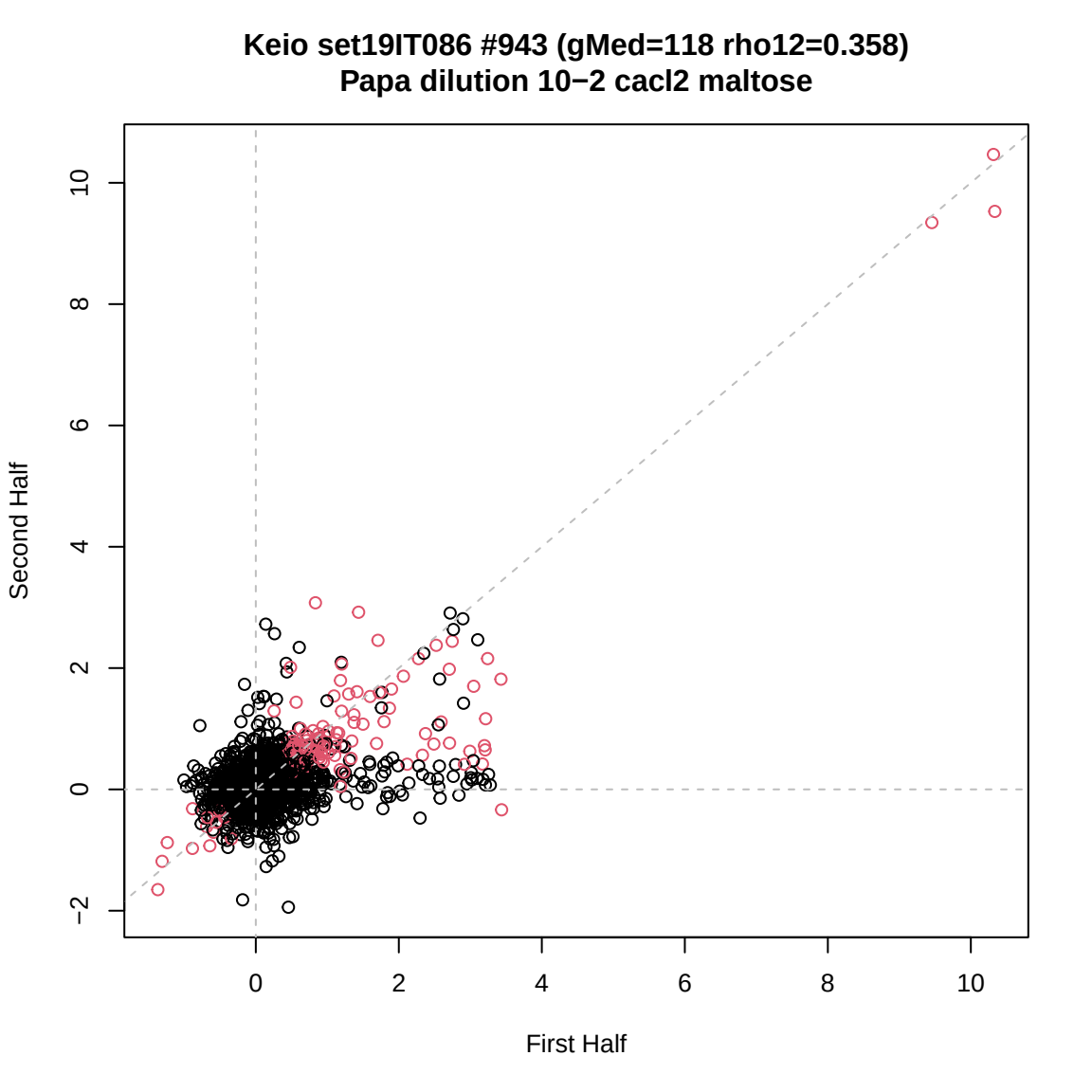

Keio set19IT081 #938 (gMed=274 rho12=0.112)
No phage control ML9a
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

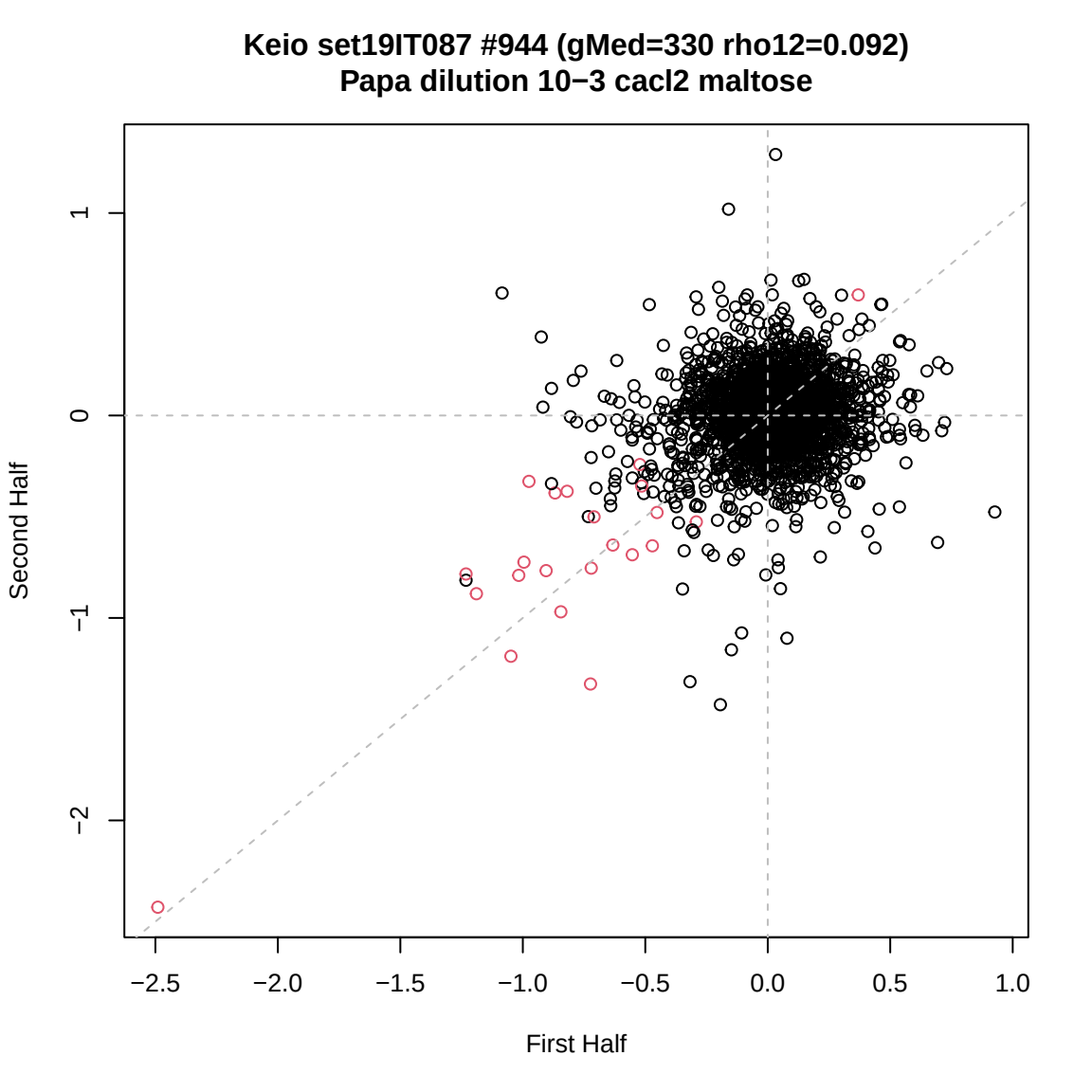

Keio set19IT082 #939 (gMed=276 rho12=0.138)
P2 dilution 10−1 cacl2
Second Half
First Half
−3
−2
−1
0
1
2

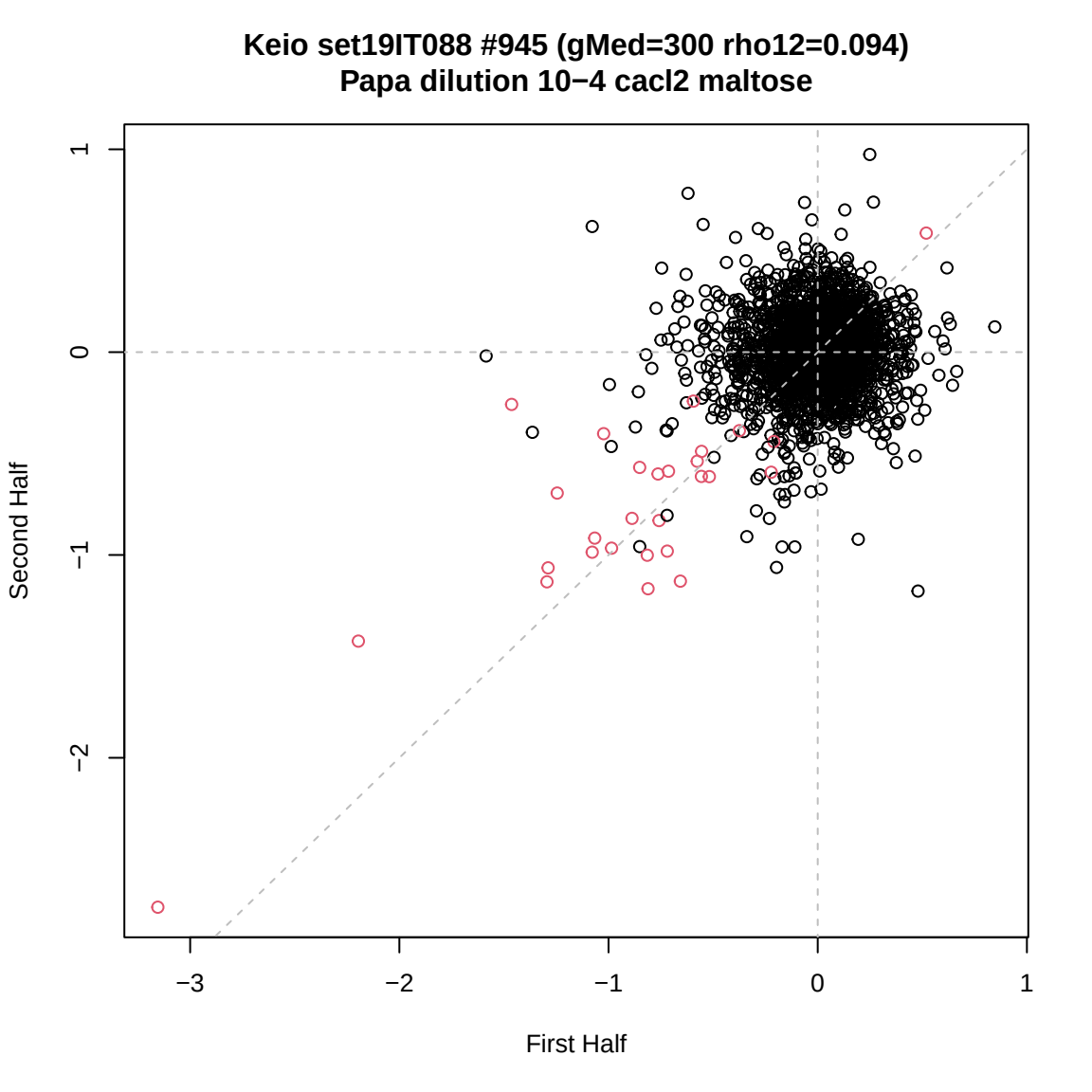

Keio set19IT083 #940 (gMed=243 rho12=0.176)
P2 dilution 10−2 cacl2
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3

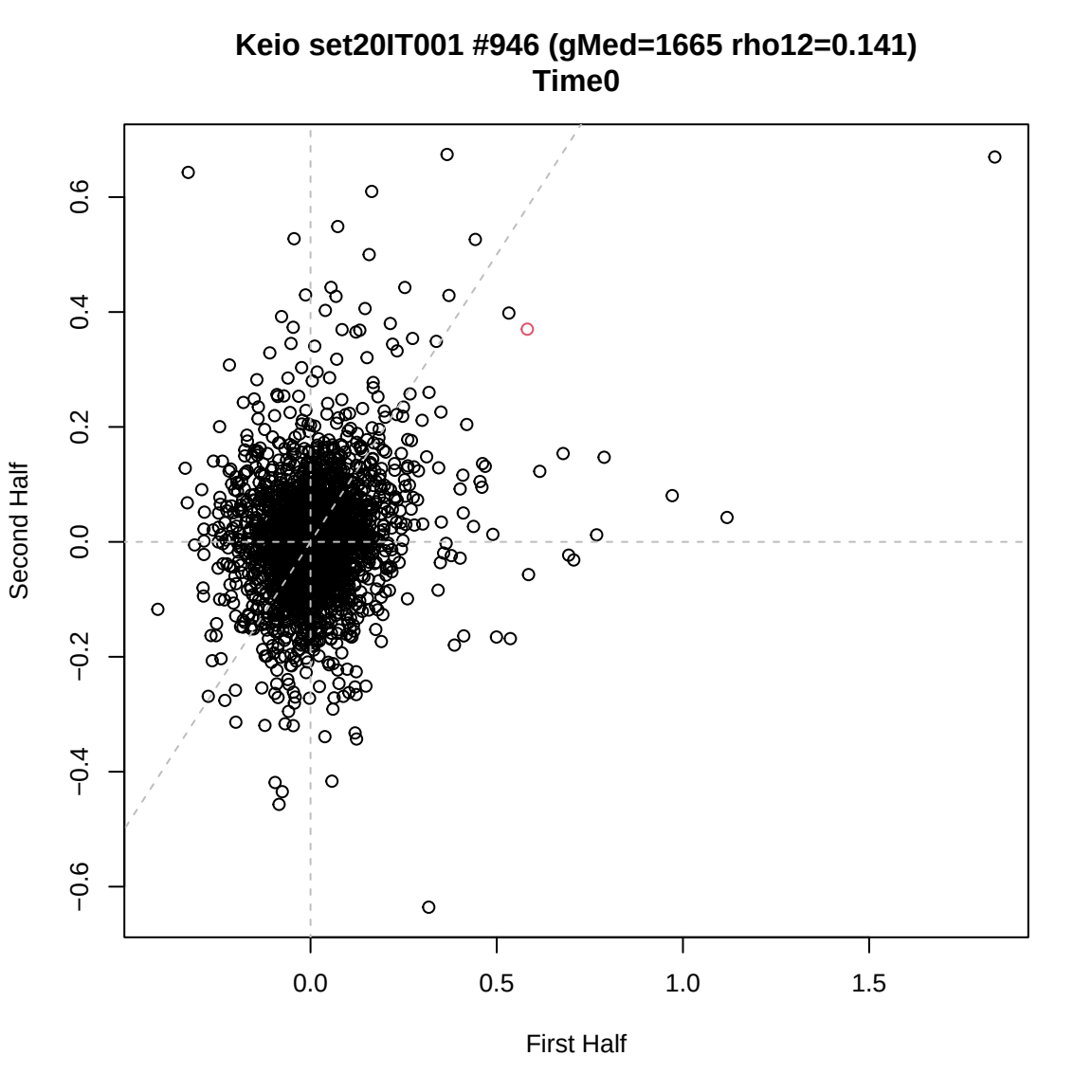

Keio set19IT084 #941 (gMed=258 rho12=0.237)
P2 dilution 10−3 cacl2
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

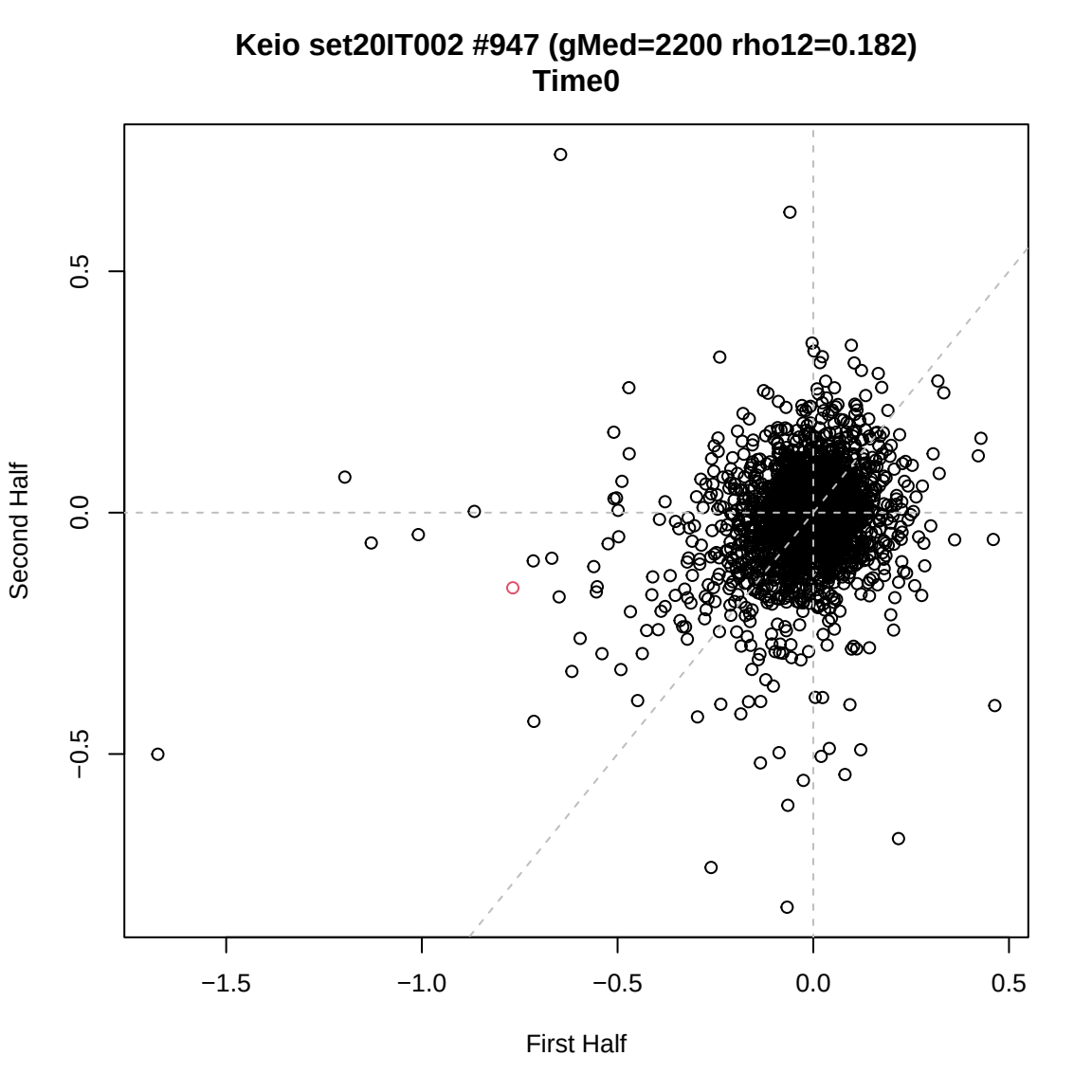

Keio set19IT085 #942 (gMed=98 rho12=0.435)
Papa dilution 10−1 cacl2 maltose
Second Half
First Half
−2
0
2
4
6
8
10

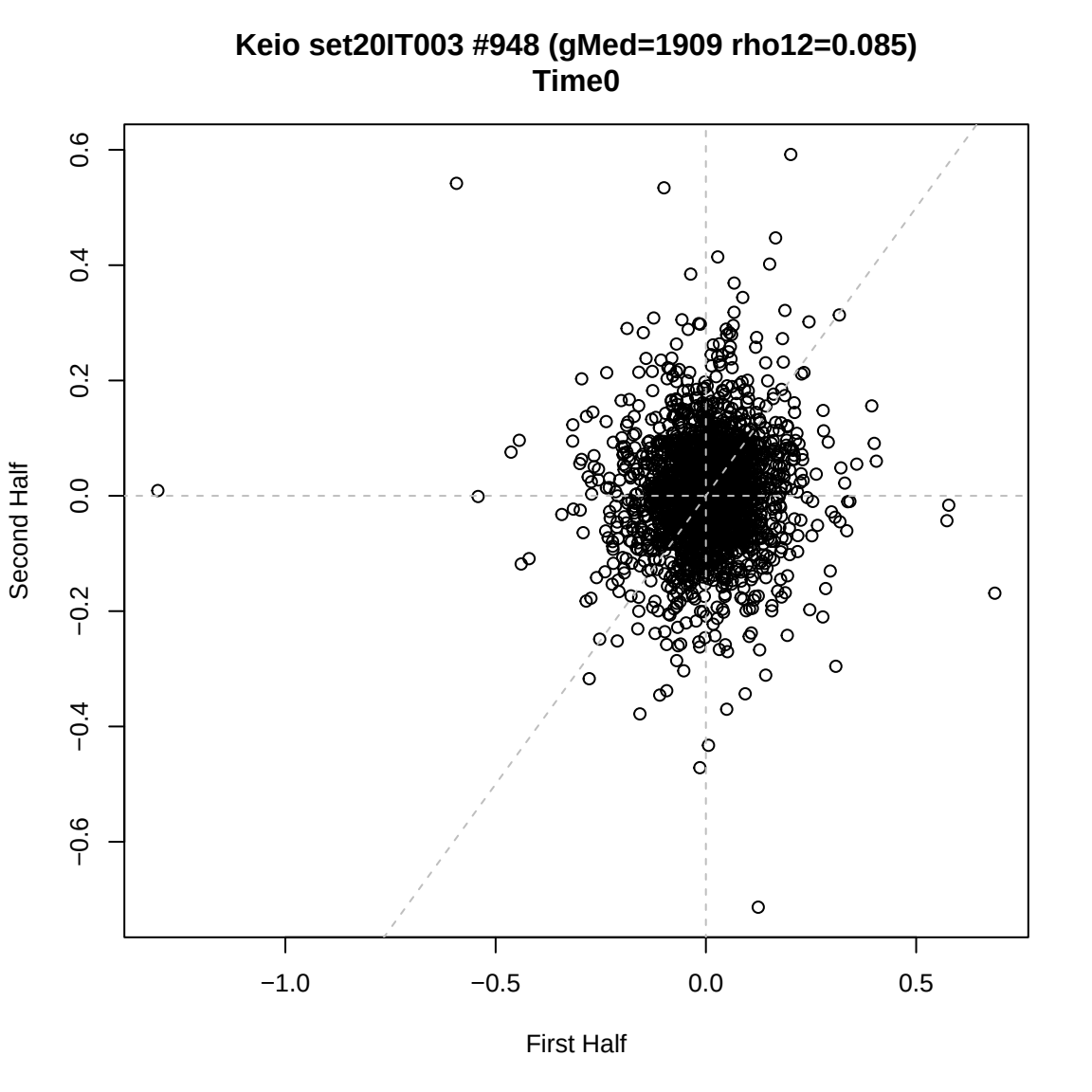

Keio set19IT086 #943 (gMed=118 rho12=0.358)
Papa dilution 10−2 cacl2 maltose
Second Half
First Half
−2
0
2
4
6
8
10
0
2
4
6
8
10

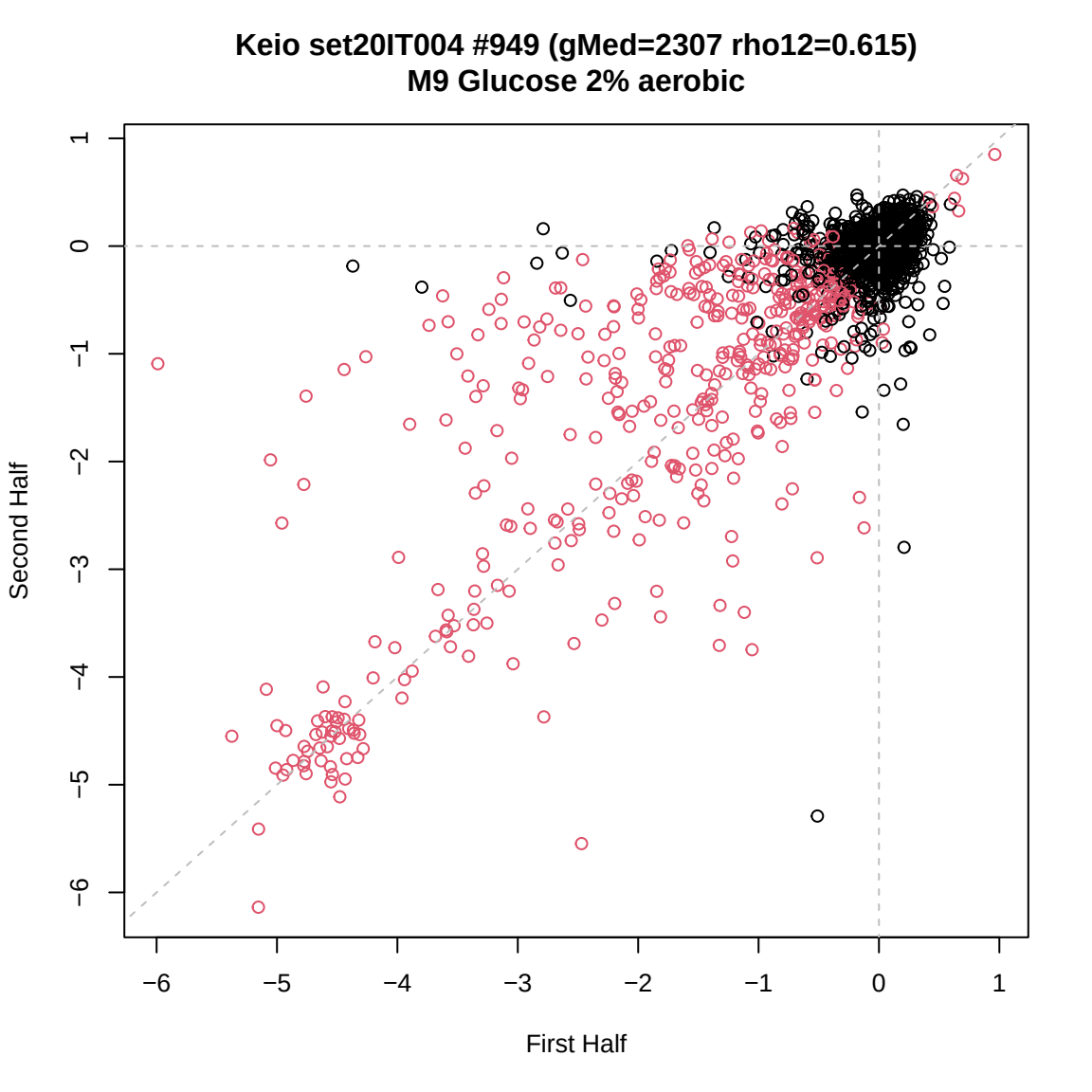

Keio set19IT087 #944 (gMed=330 rho12=0.092)
Papa dilution 10−3 cacl2 maltose
Second Half
First Half
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

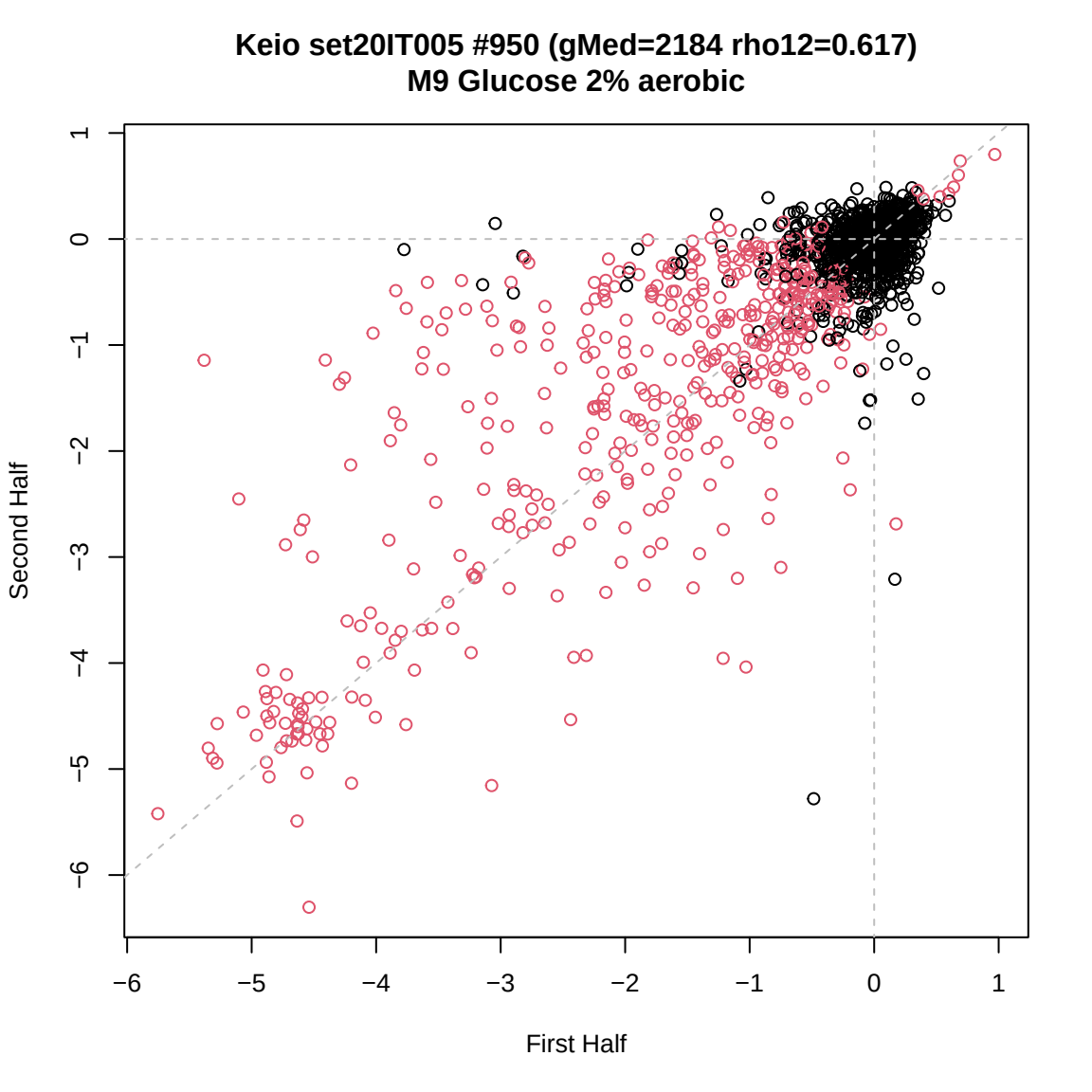

Keio set19IT088 #945 (gMed=300 rho12=0.094)
Papa dilution 10−4 cacl2 maltose
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

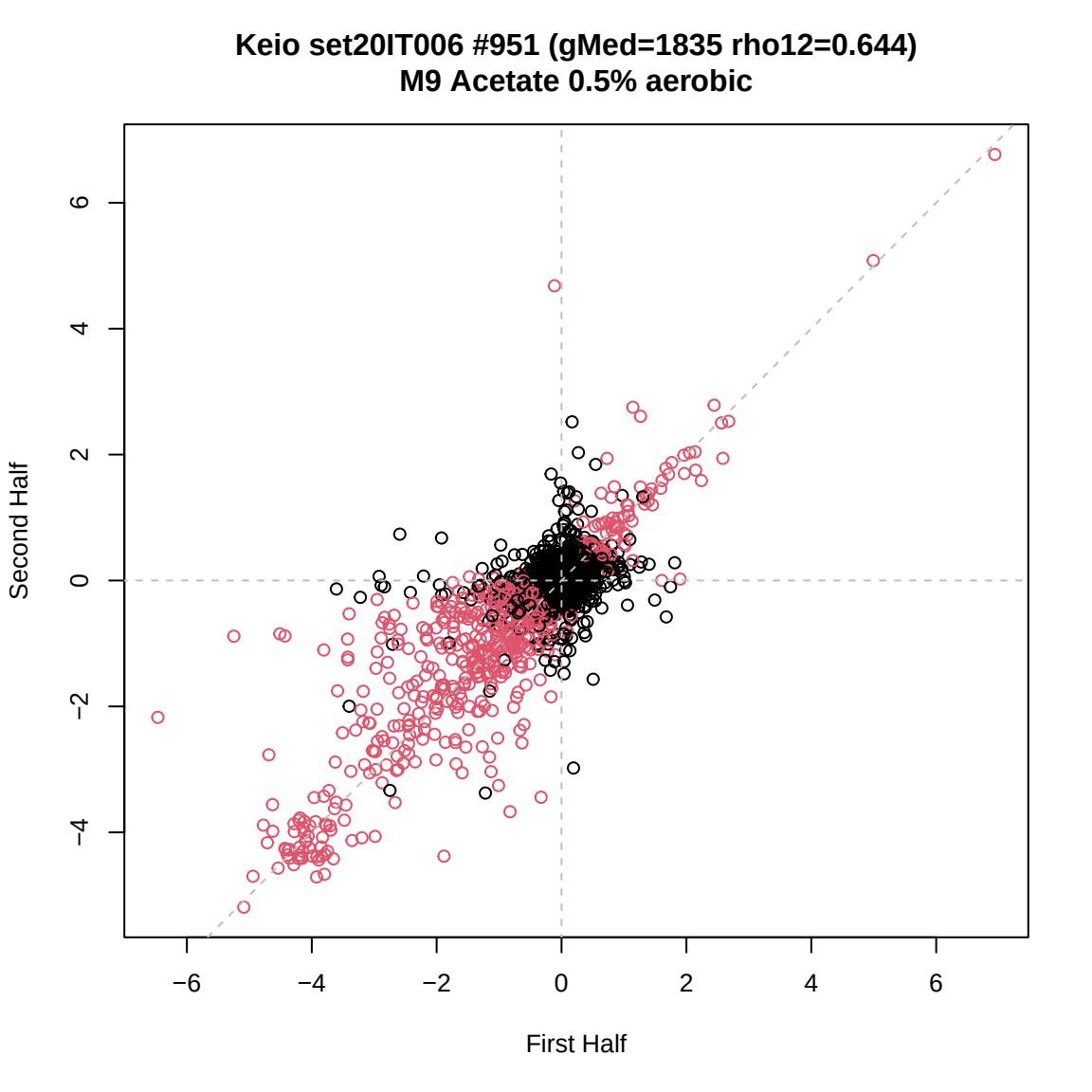

Keio set20IT001 #946 (gMed=1665 rho12=0.141)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0.0
0.5
1.0
1.5

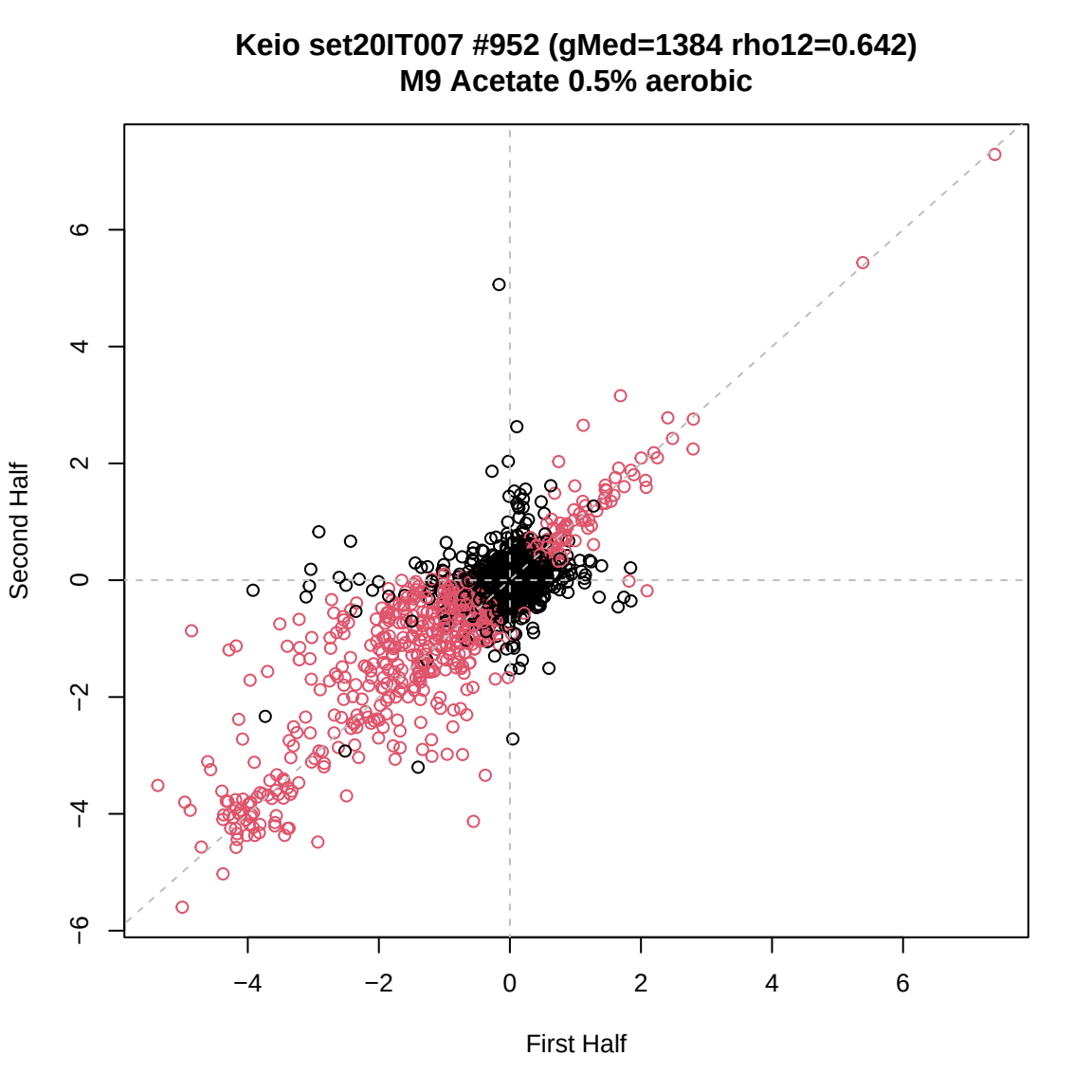

Keio set20IT002 #947 (gMed=2200 rho12=0.182)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5

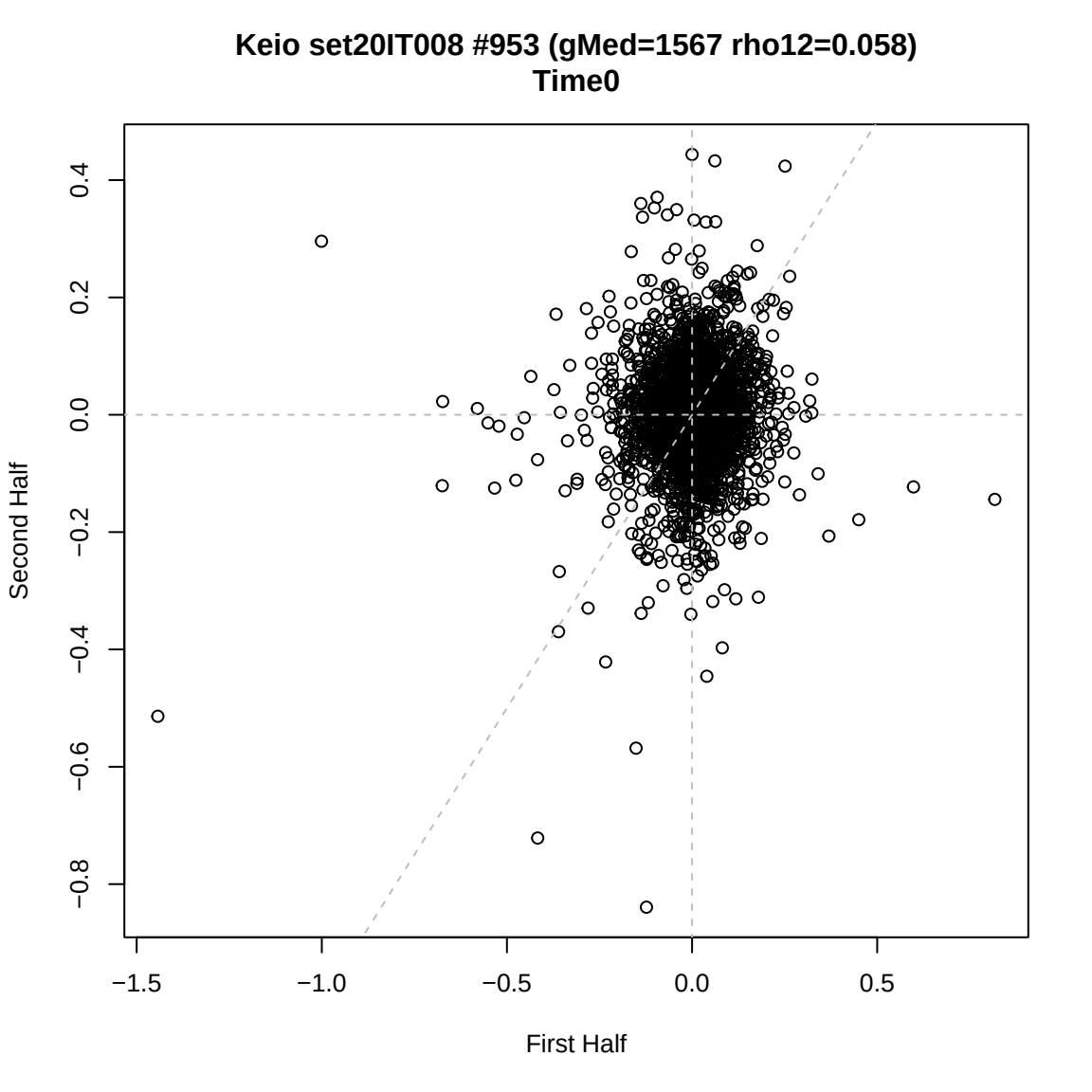

Keio set20IT003 #948 (gMed=1909 rho12=0.085)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−1.0
−0.5
0.0
0.5

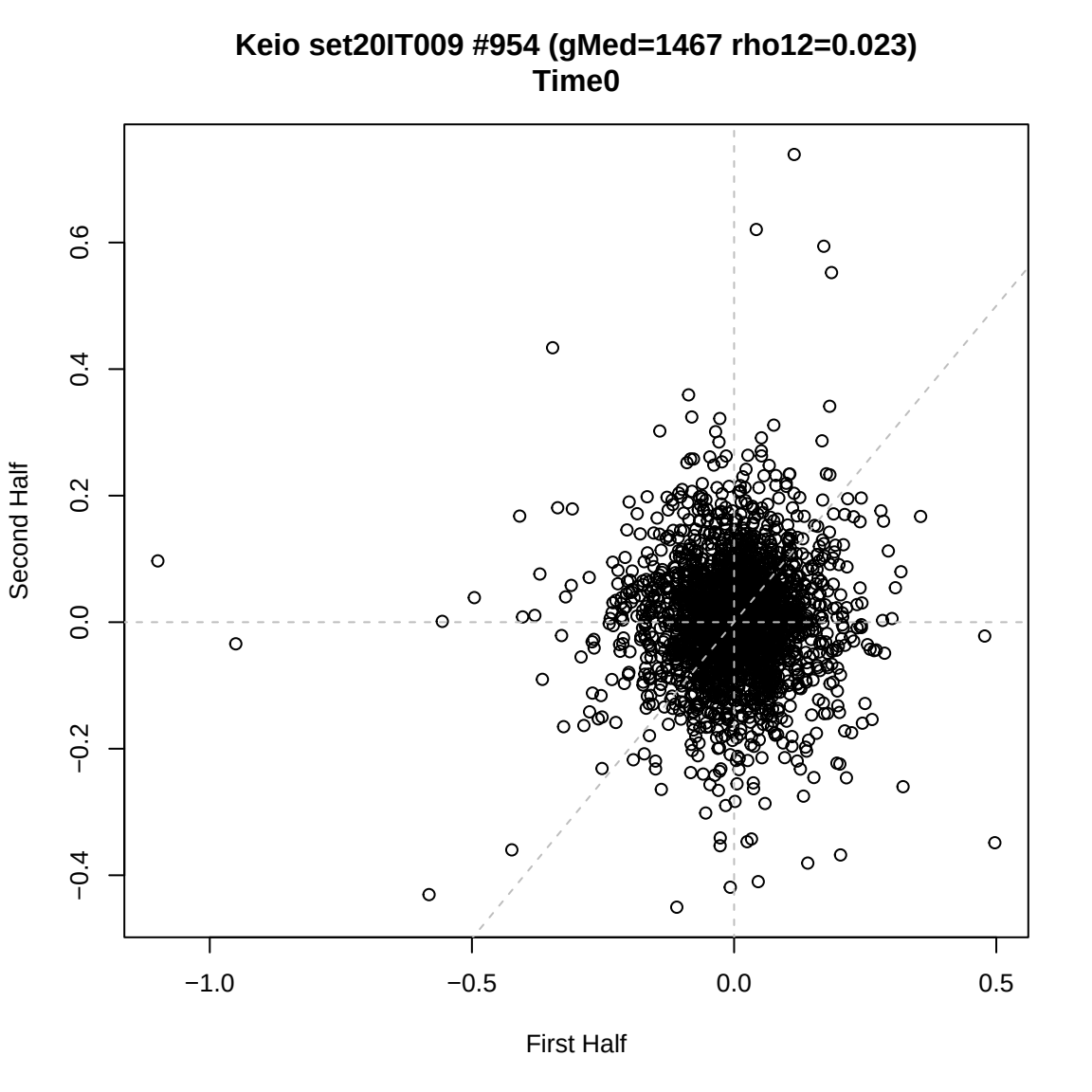

Keio set20IT004 #949 (gMed=2307 rho12=0.615)
M9 Glucose 2% aerobic
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−5
−4
−3
−2
−1
0
1

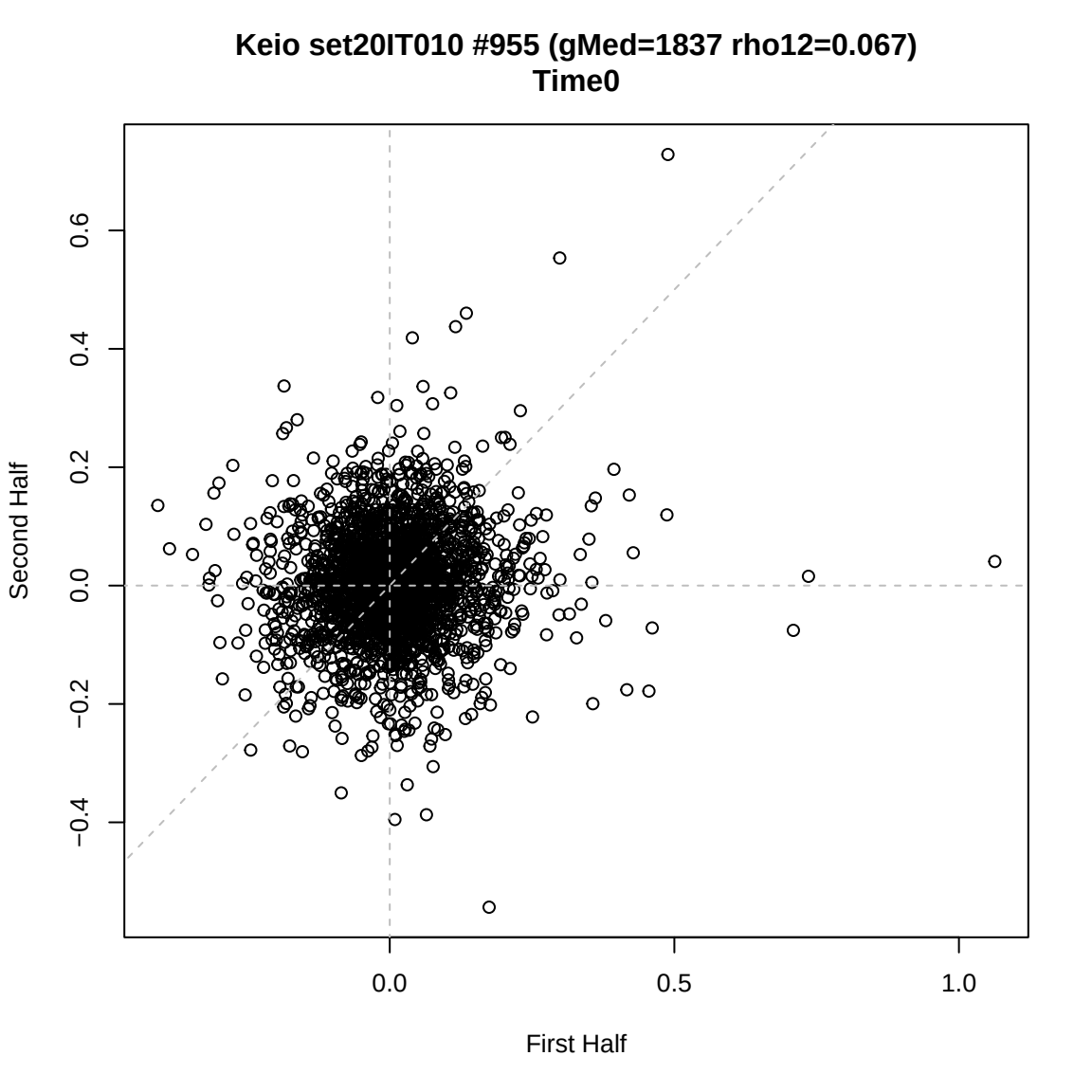

Keio set20IT005 #950 (gMed=2184 rho12=0.617)
M9 Glucose 2% aerobic
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−5
−4
−3
−2
−1
0
1

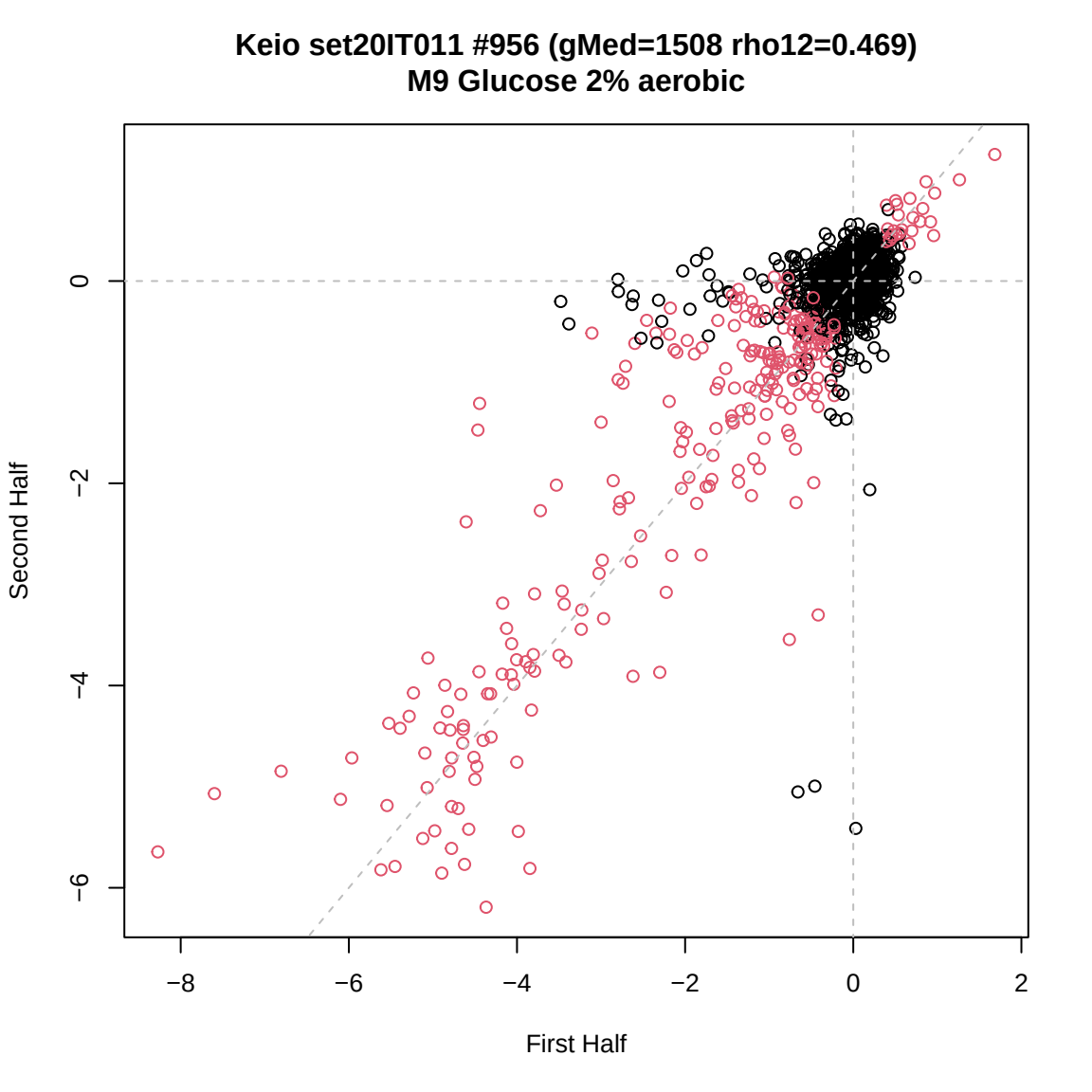

Keio set20IT006 #951 (gMed=1835 rho12=0.644)
M9 Acetate 0.5% aerobic
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

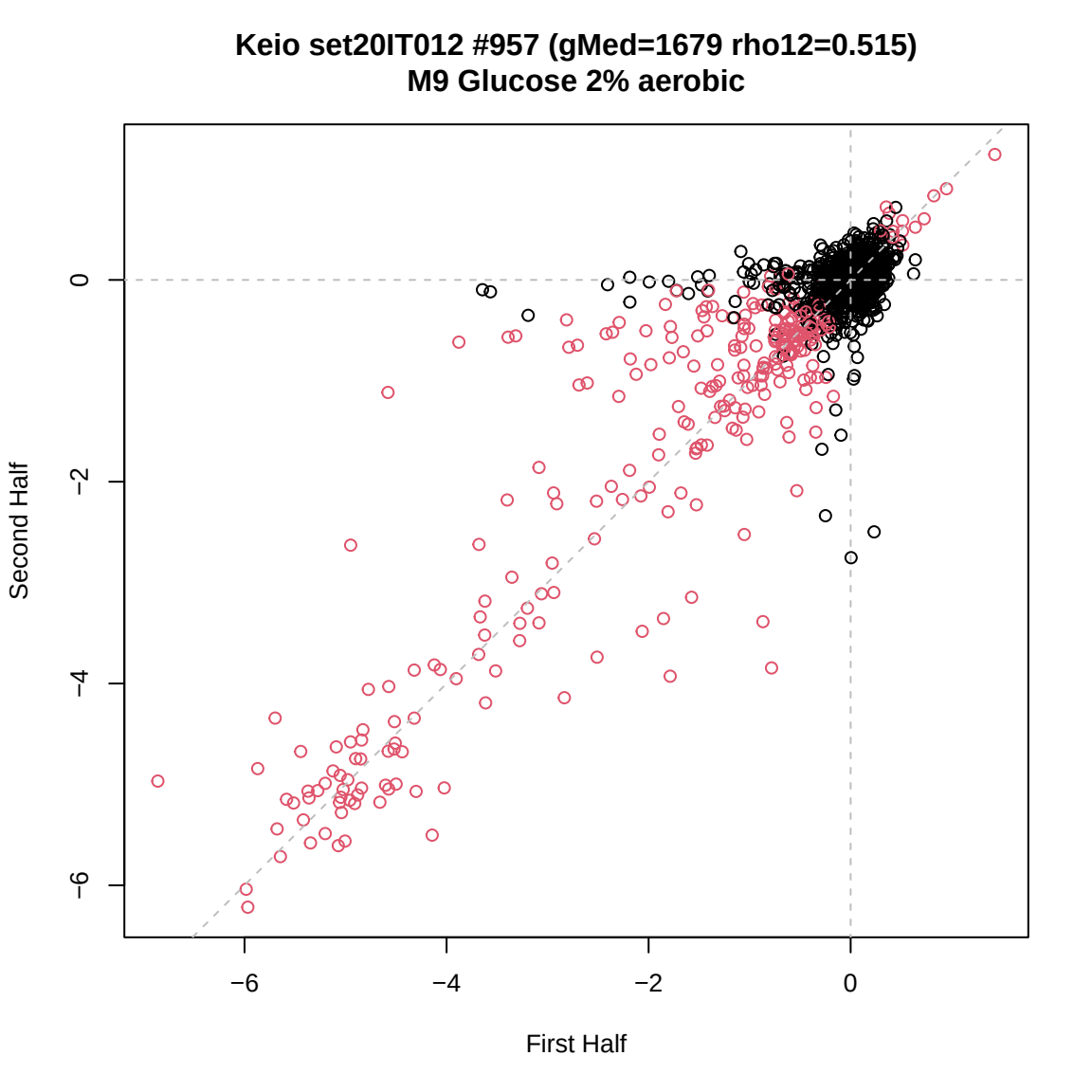

Keio set20IT007 #952 (gMed=1384 rho12=0.642)
M9 Acetate 0.5% aerobic
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

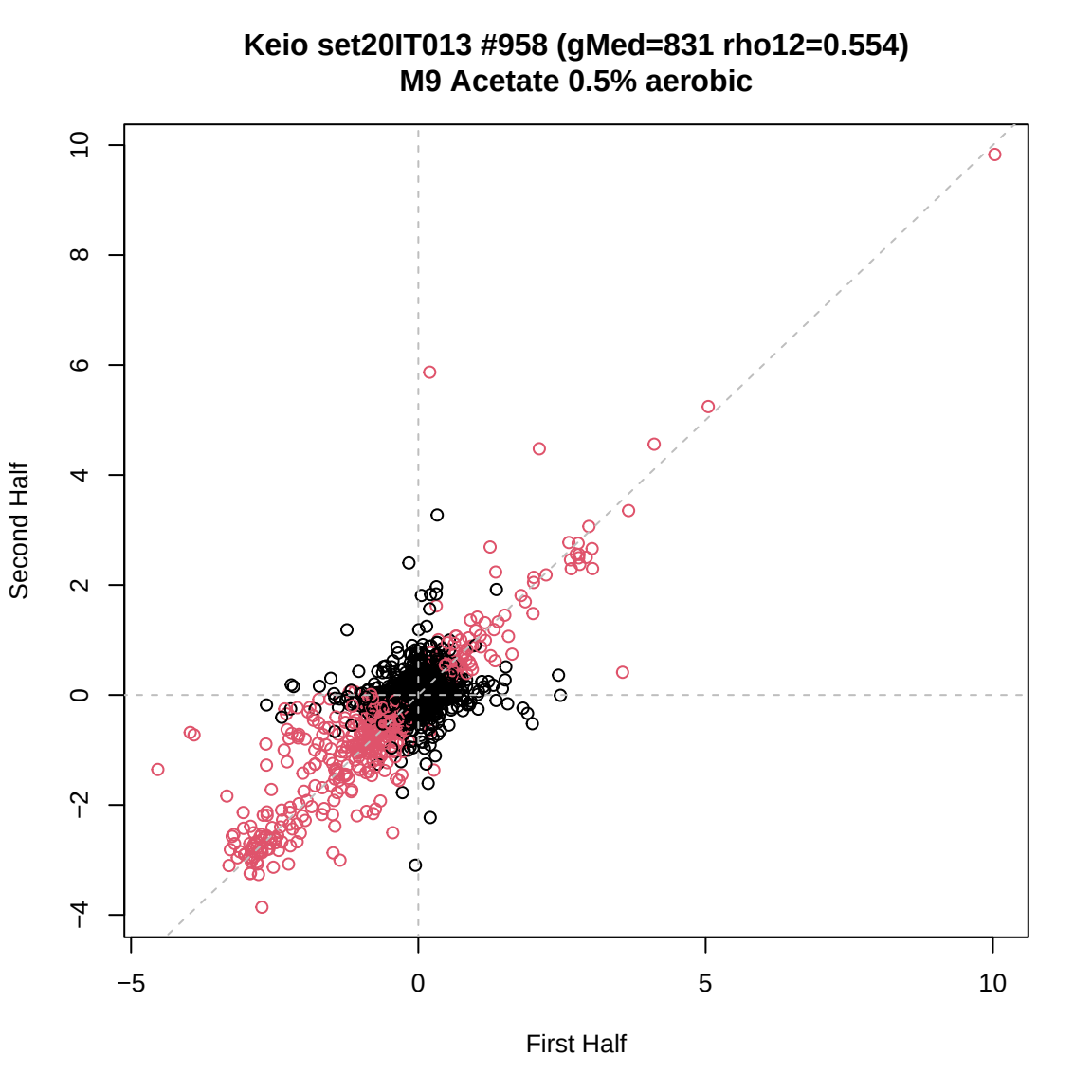

Keio set20IT008 #953 (gMed=1567 rho12=0.058)
Time0
Second Half
First Half
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.5
−1.0
−0.5
0.0
0.5

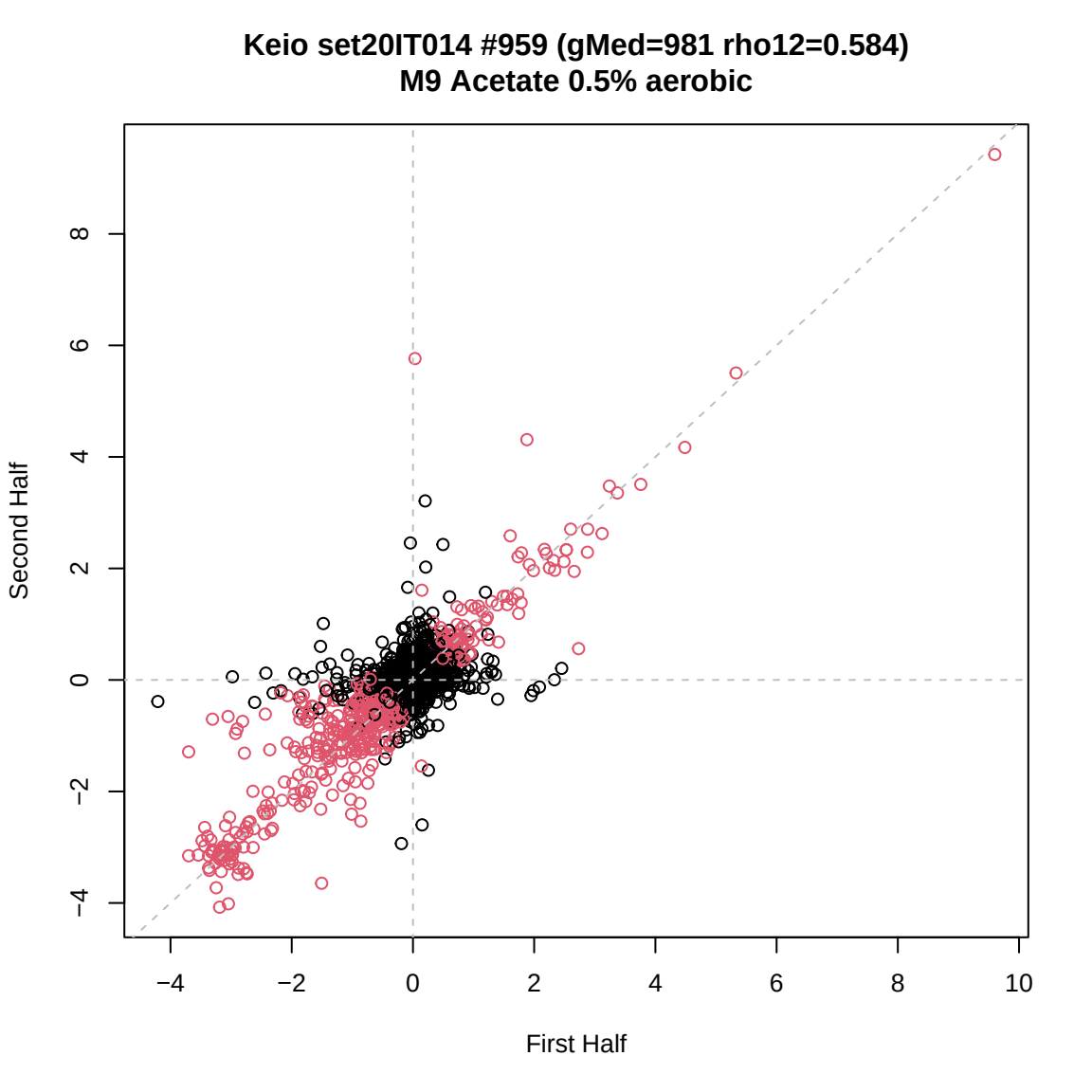

Keio set20IT009 #954 (gMed=1467 rho12=0.023)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−1.0
−0.5
0.0
0.5

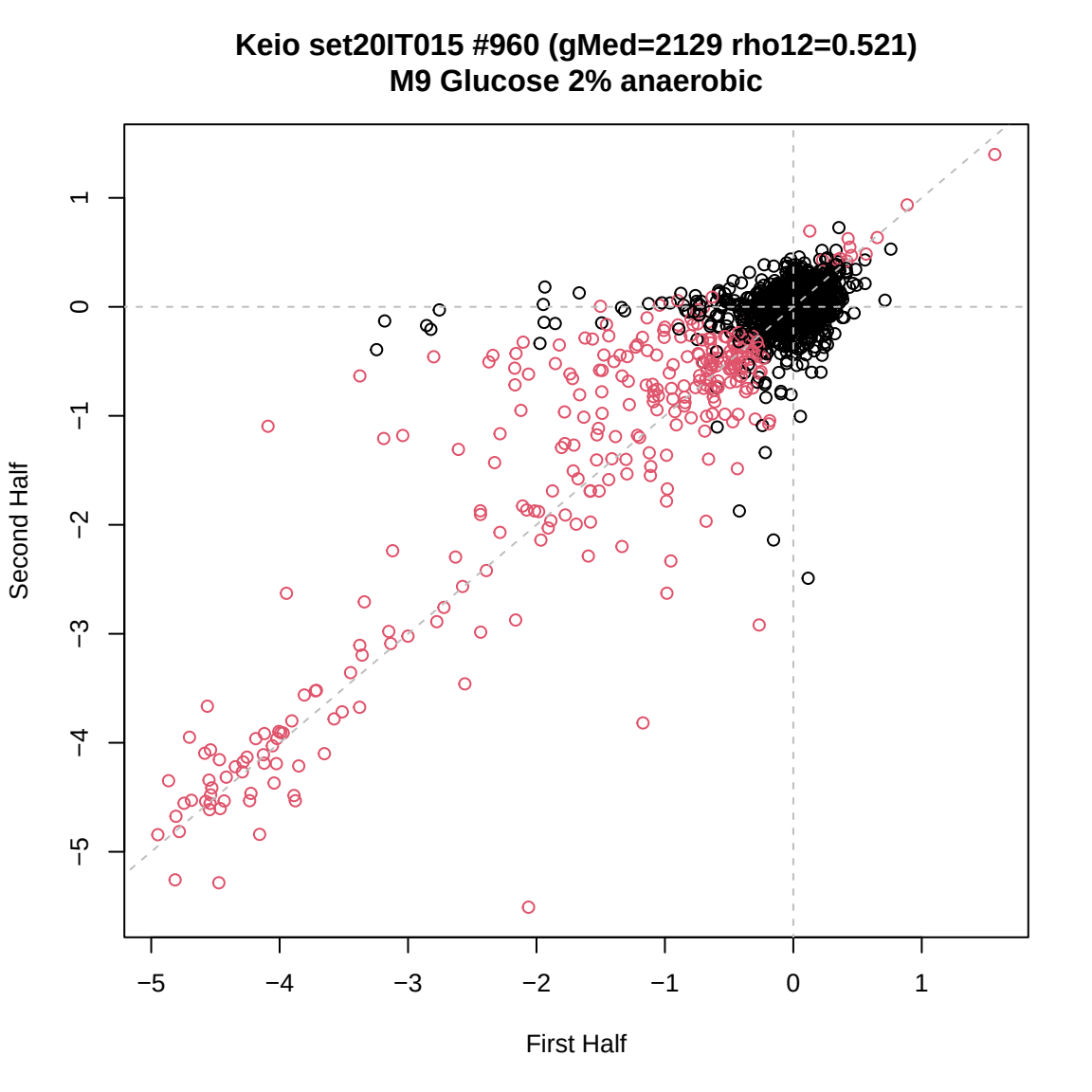

Keio set20IT010 #955 (gMed=1837 rho12=0.067)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
0.0
0.5
1.0

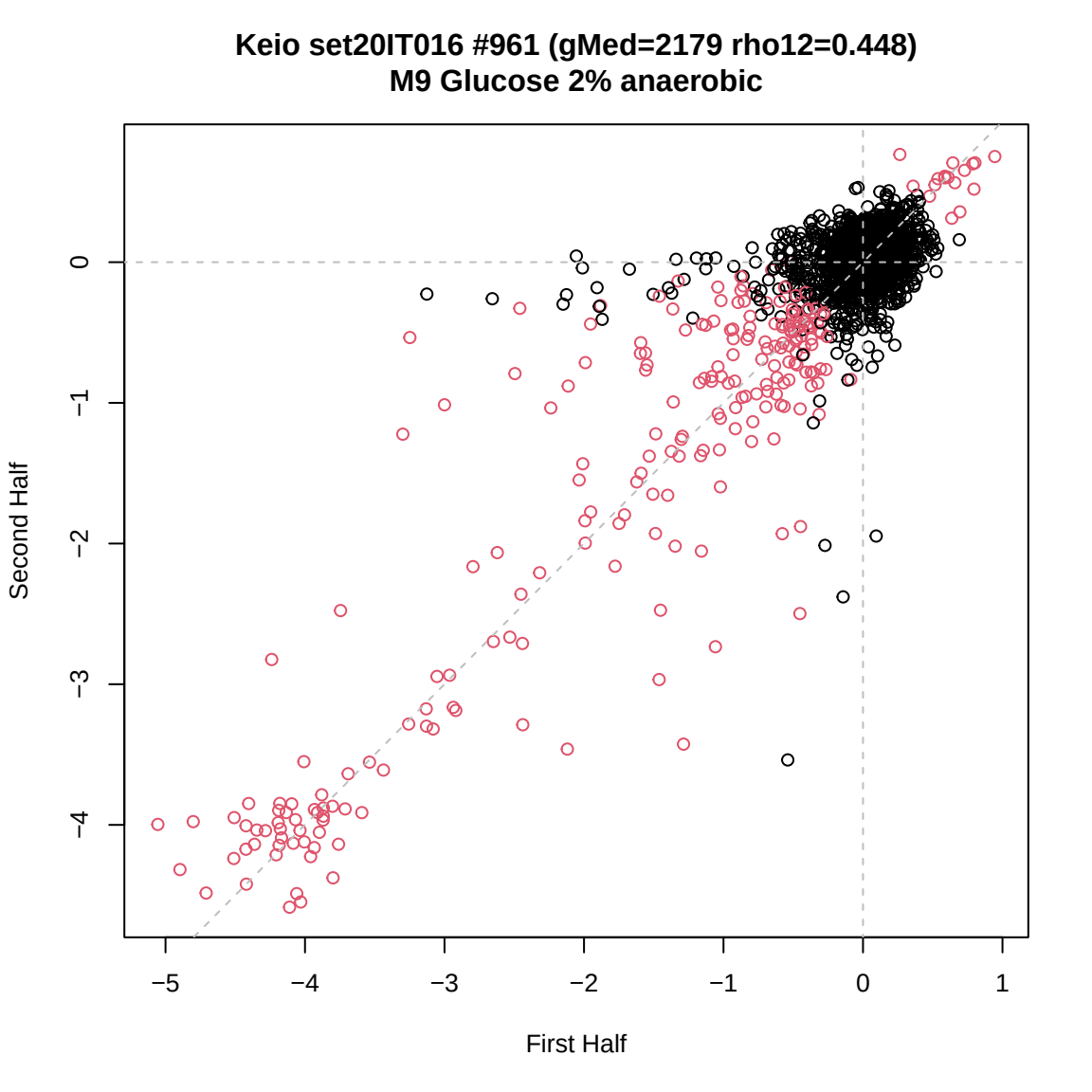

Keio set20IT011 #956 (gMed=1508 rho12=0.469)
M9 Glucose 2% aerobic
Second Half
First Half
0
−2
−4
−6
−8
2

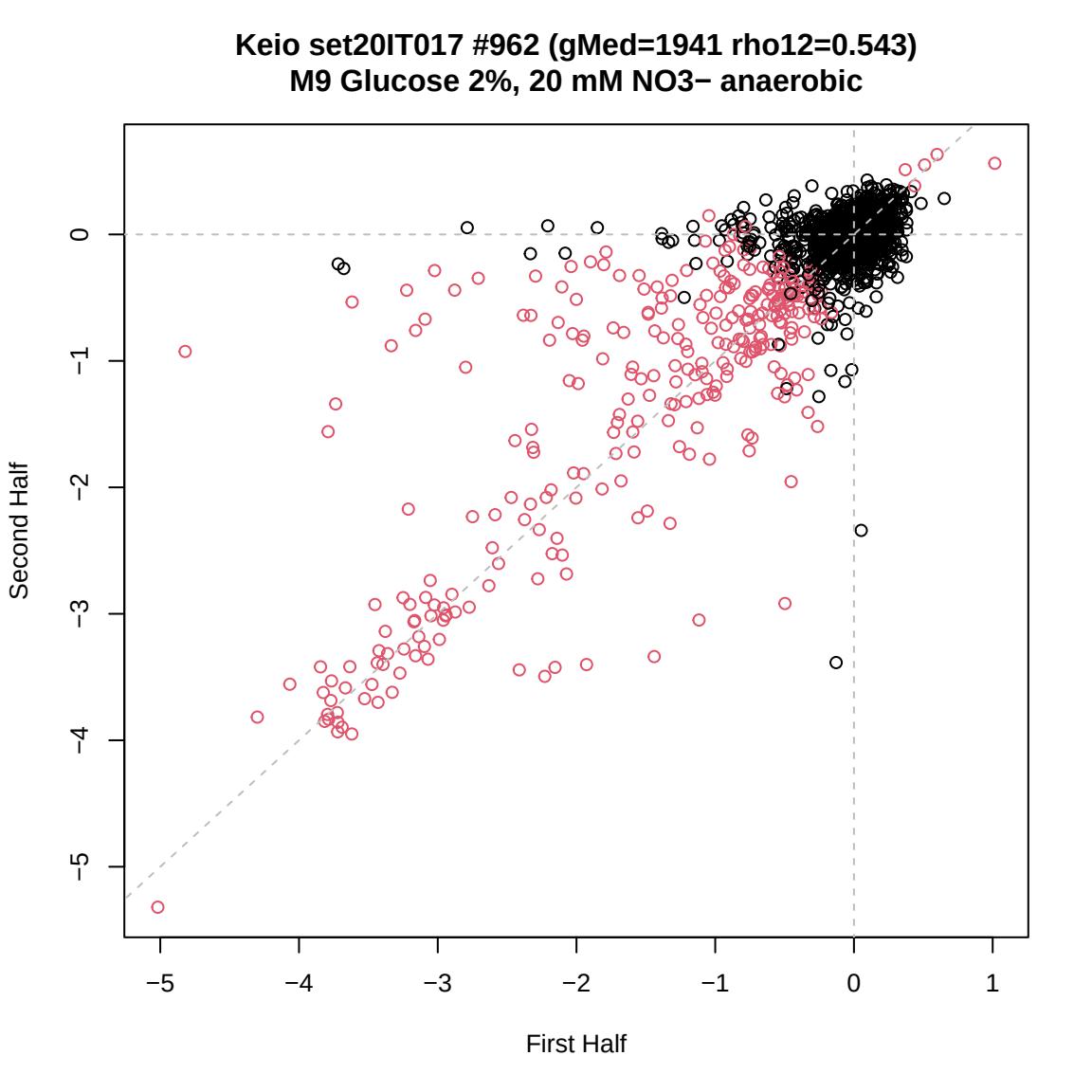

Keio set20IT012 #957 (gMed=1679 rho12=0.515)
M9 Glucose 2% aerobic
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

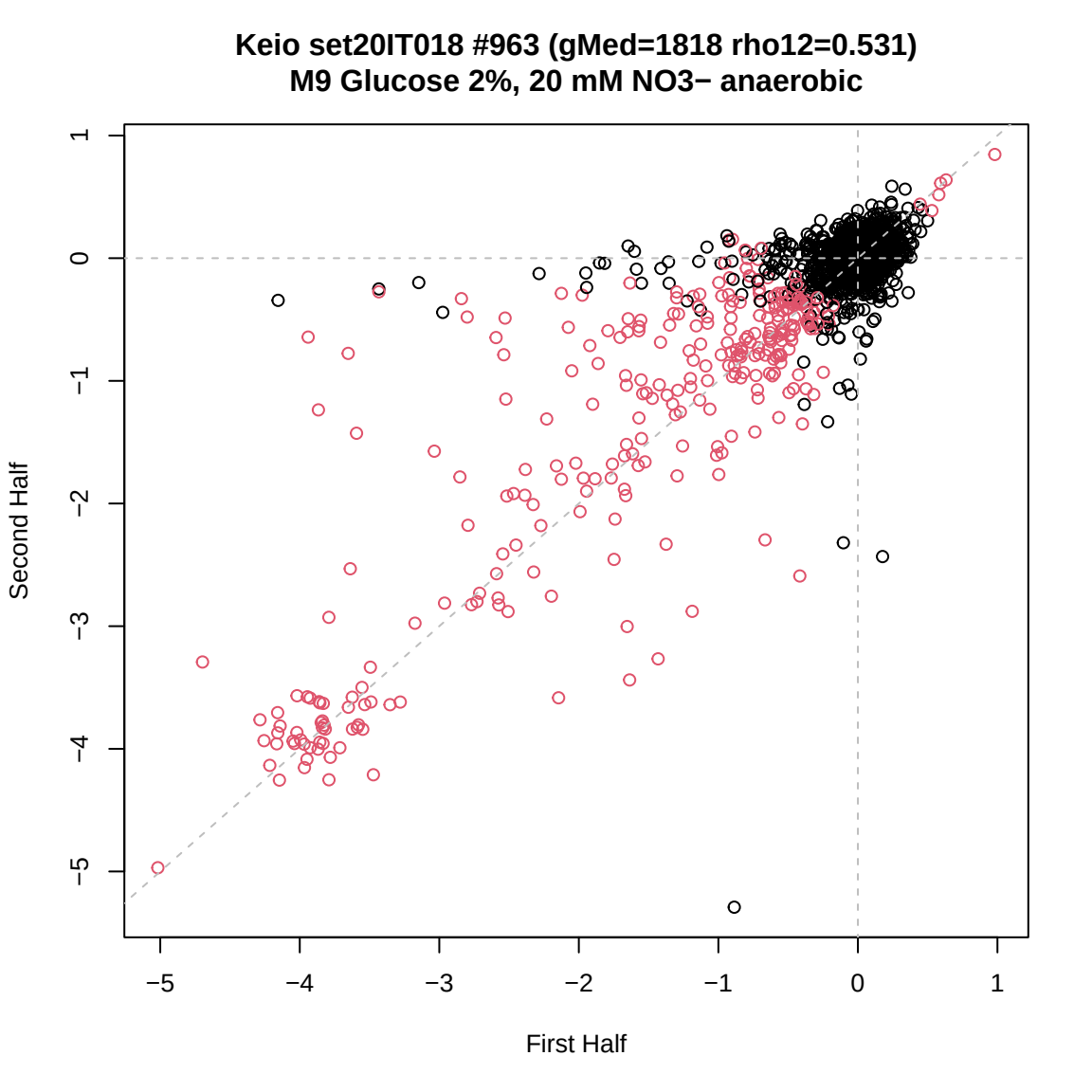

Keio set20IT013 #958 (gMed=831 rho12=0.554)
M9 Acetate 0.5% aerobic
Second Half
First Half
10
8
6
4
2
0
−2
−4
−5
0
5
10

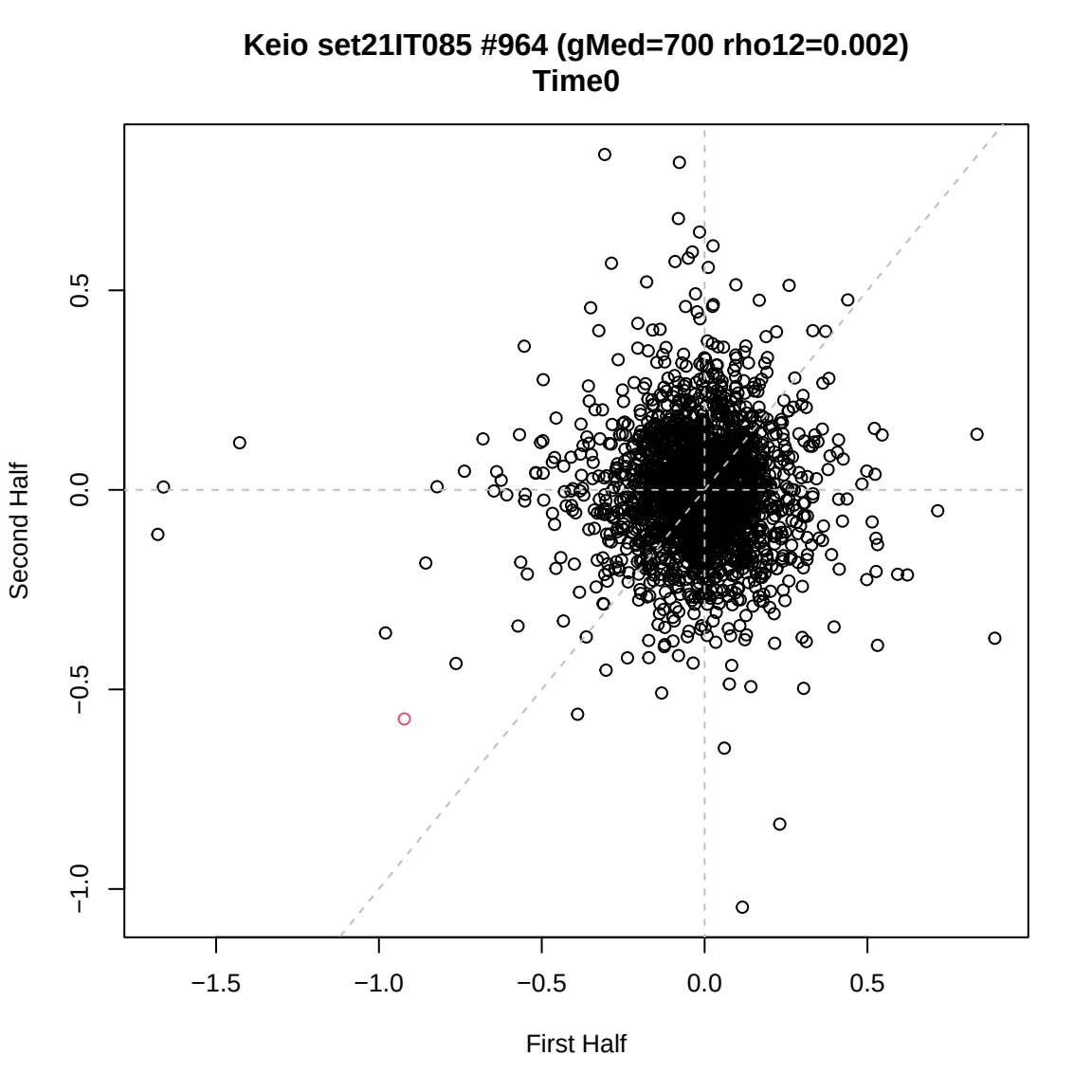

Keio set20IT014 #959 (gMed=981 rho12=0.584)
M9 Acetate 0.5% aerobic
Second Half
First Half
−4
−2
0
2
4
6
8
10

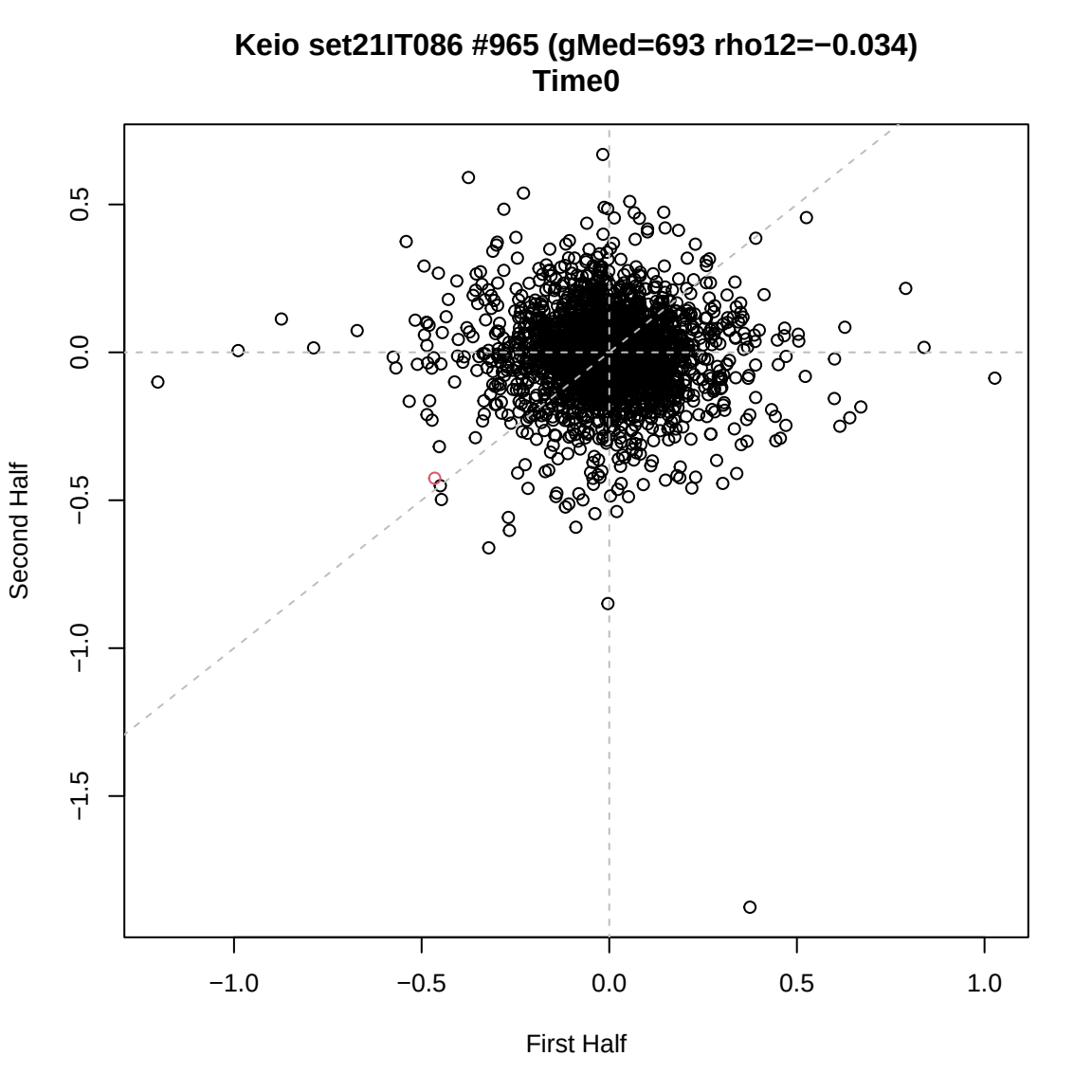

Keio set20IT015 #960 (gMed=2129 rho12=0.521)
M9 Glucose 2% anaerobic
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

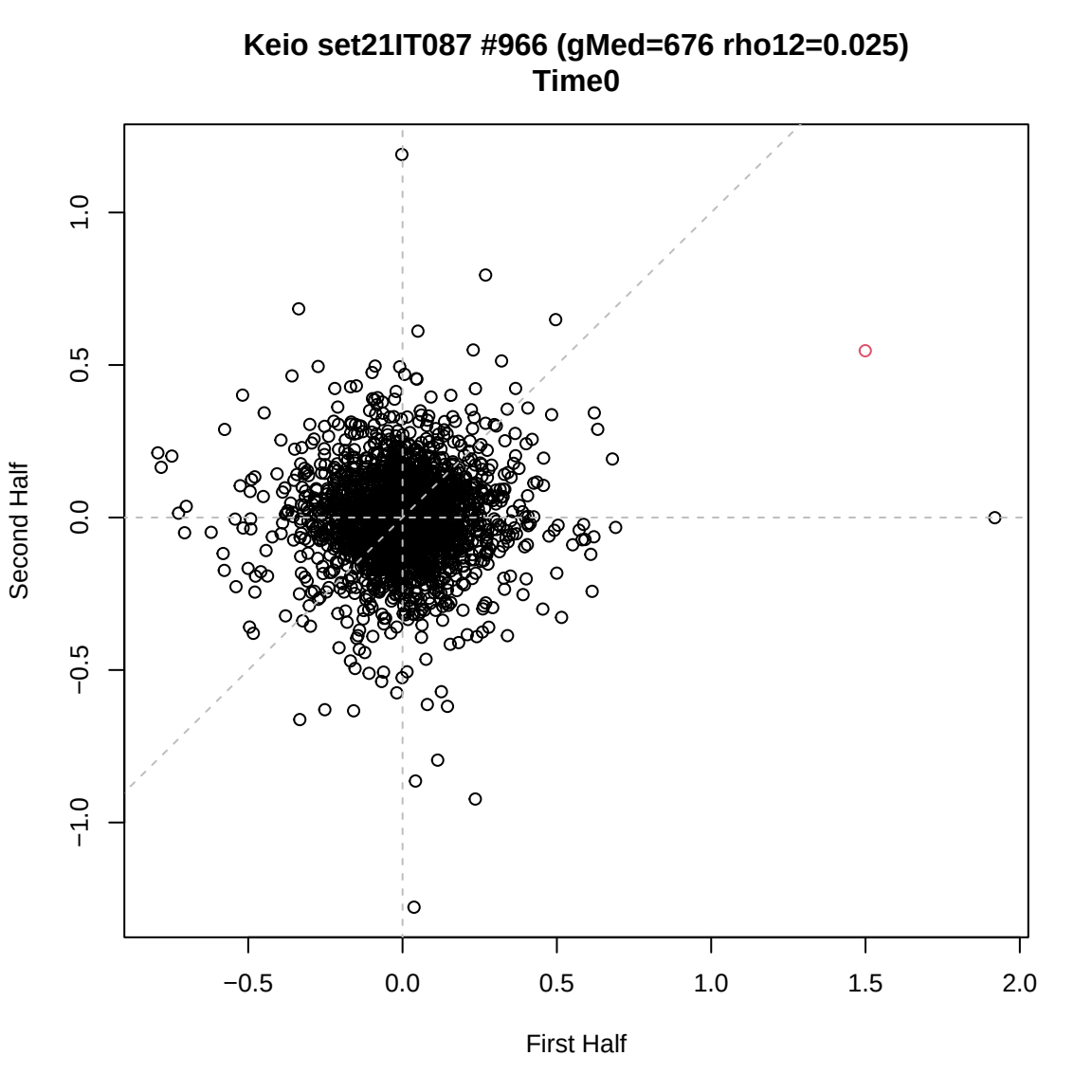

Keio set20IT016 #961 (gMed=2179 rho12=0.448)
M9 Glucose 2% anaerobic
Second Half
First Half
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

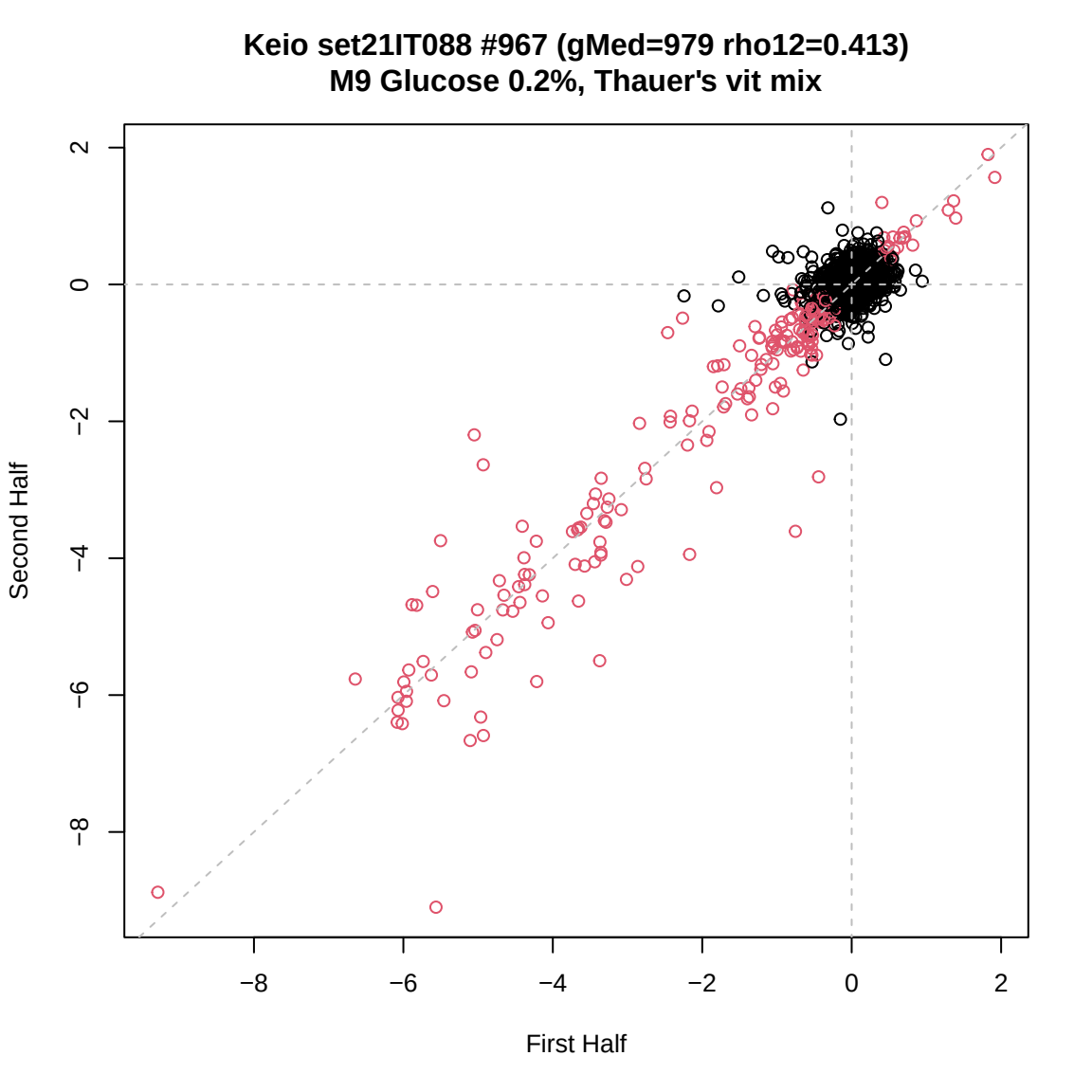

Keio set20IT017 #962 (gMed=1941 rho12=0.543)
M9 Glucose 2%, 20 mM NO3− anaerobic
Second Half
First Half
0
−1
−2
−3
−4
−5
1

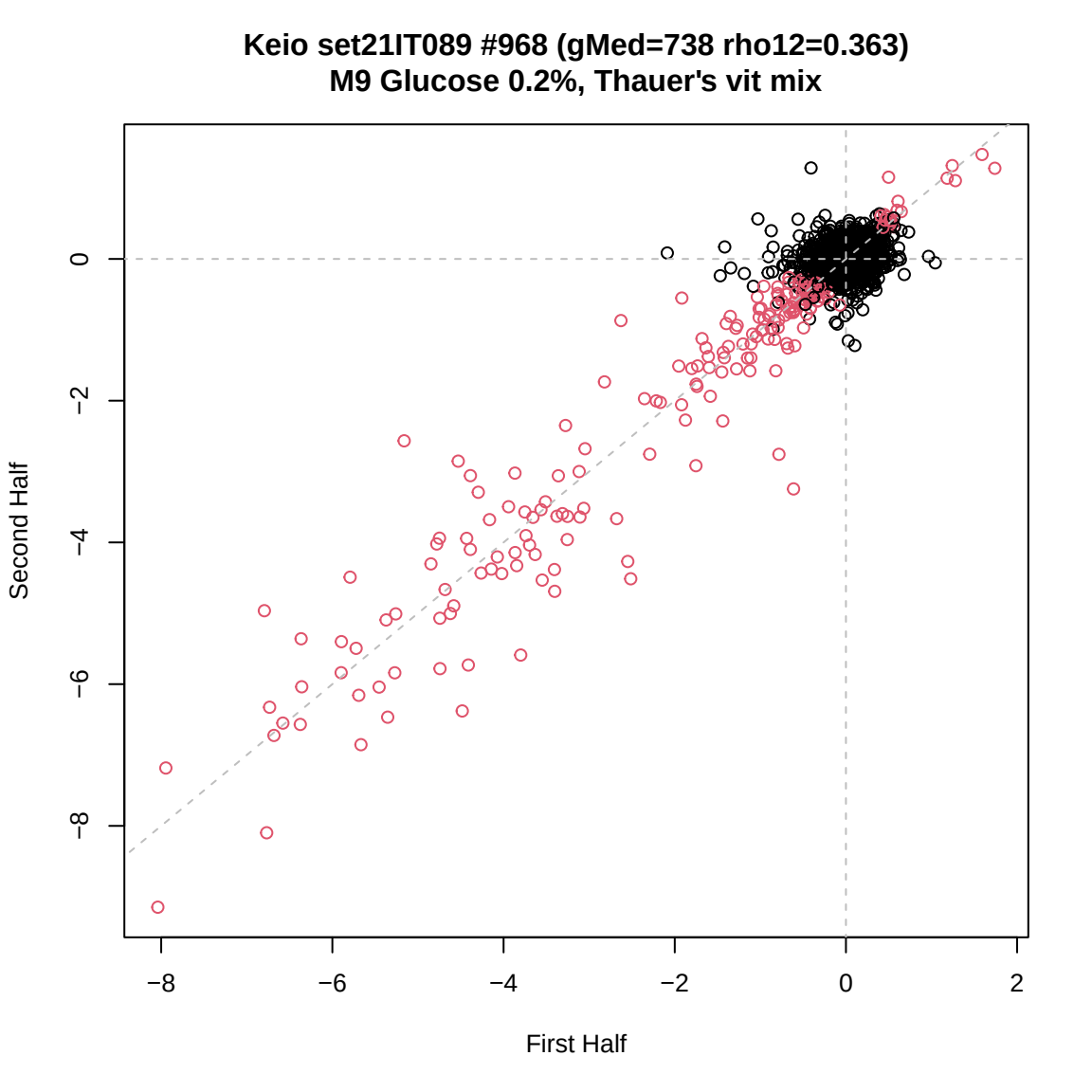

Keio set20IT018 #963 (gMed=1818 rho12=0.531)
M9 Glucose 2%, 20 mM NO3− anaerobic
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

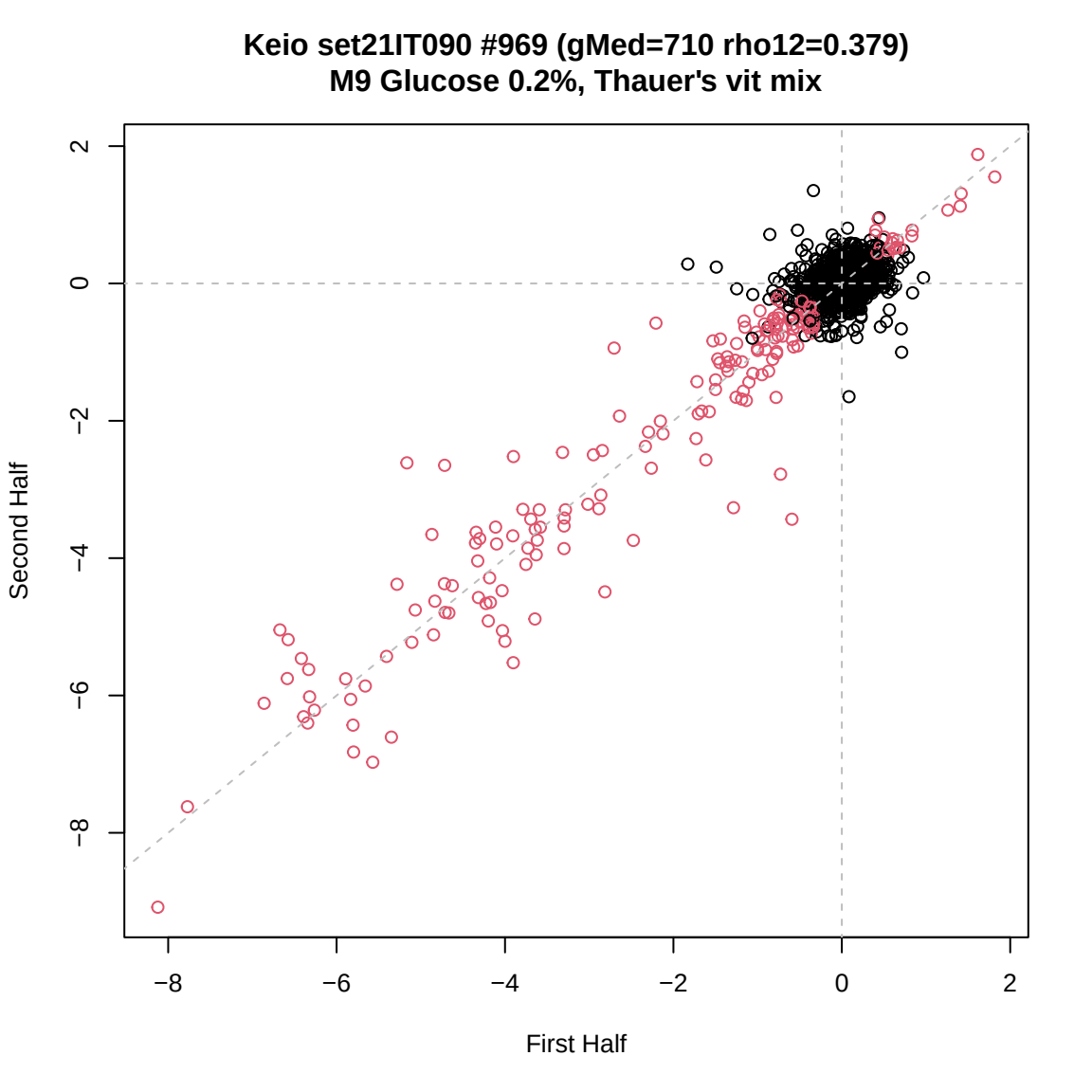

Keio set21IT085 #964 (gMed=700 rho12=0.002)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

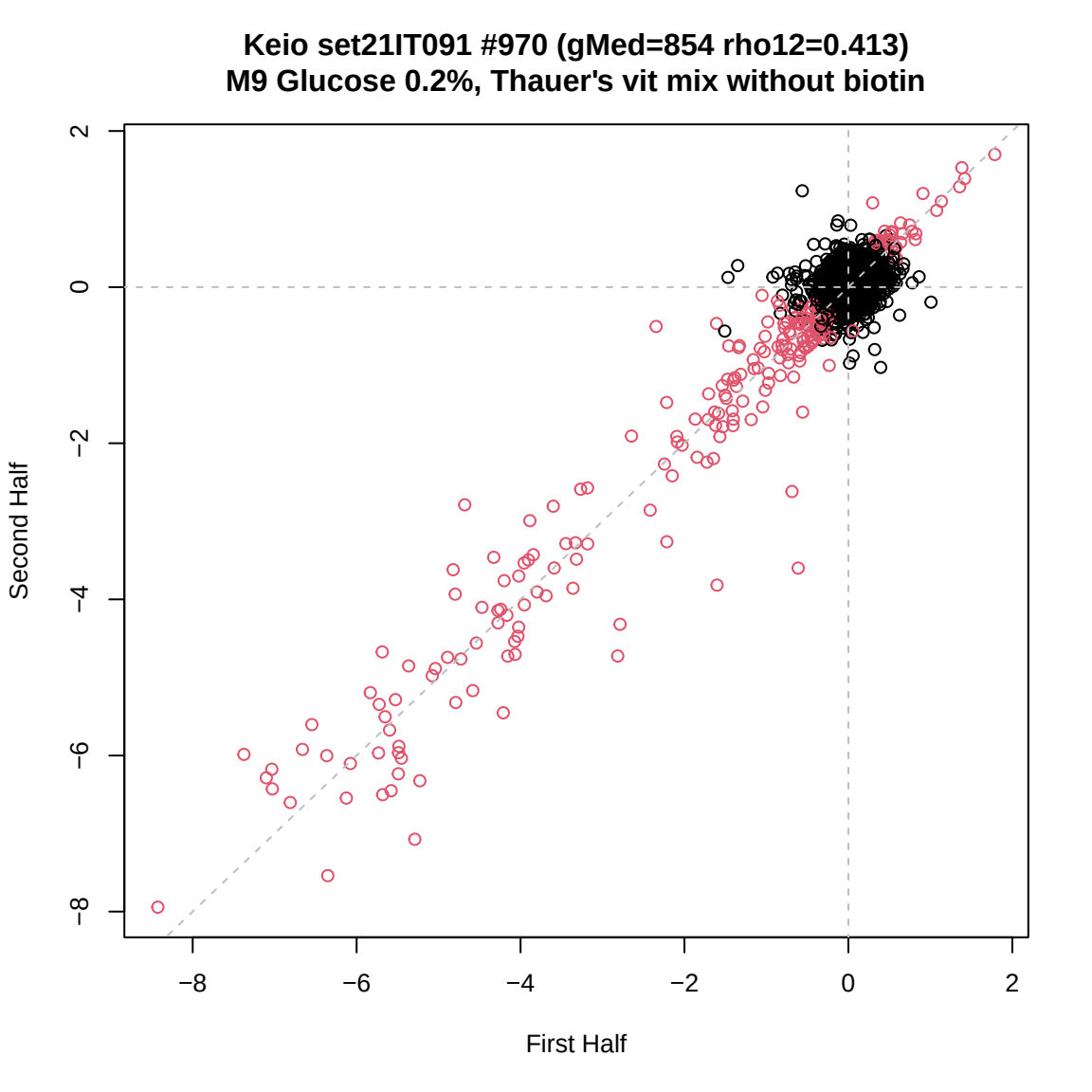

Keio set21IT086 #965 (gMed=693 rho12=−0.034)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

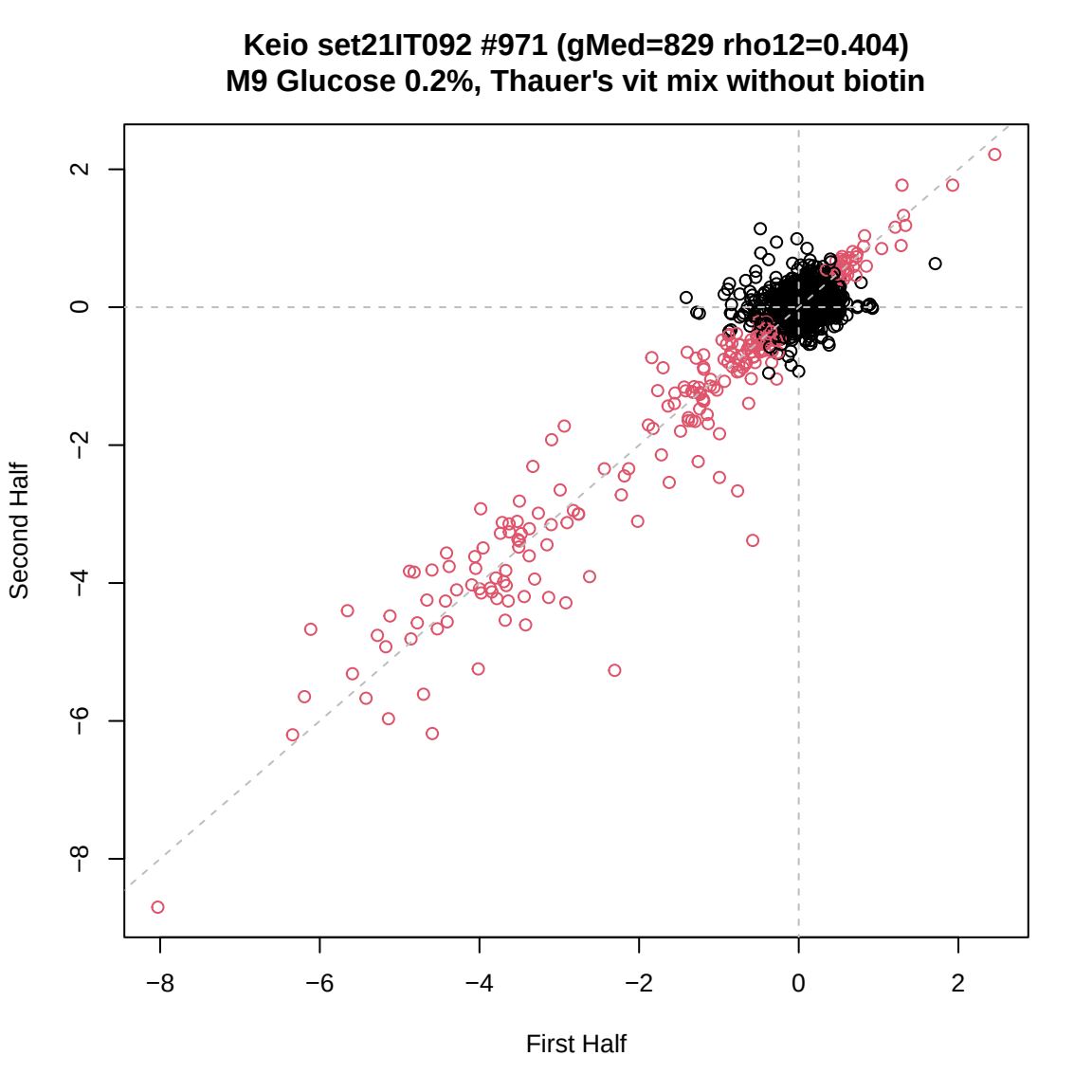

Keio set21IT087 #966 (gMed=676 rho12=0.025)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

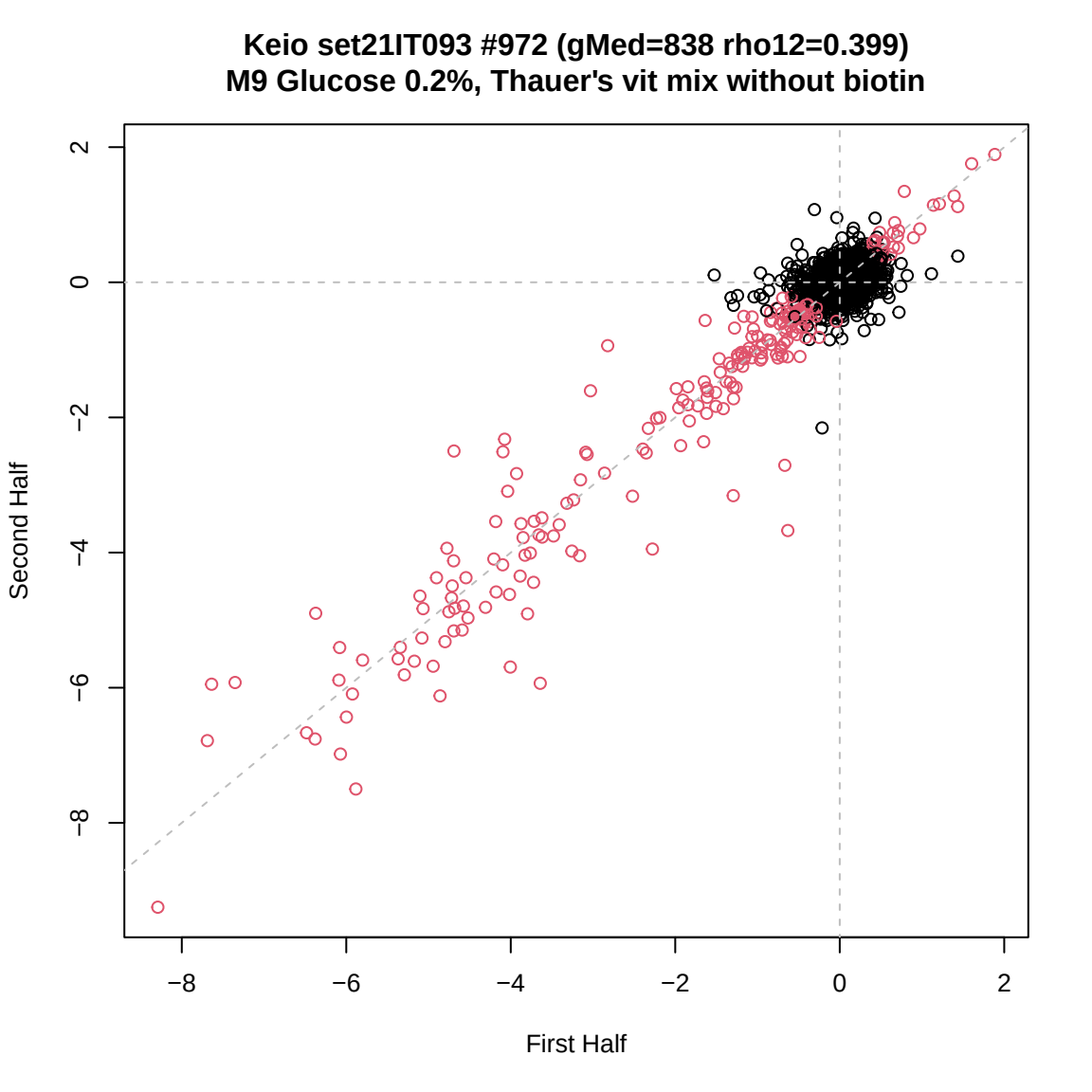

Keio set21IT088 #967 (gMed=979 rho12=0.413)
M9 Glucose 0.2%, Thauer's vit mix
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

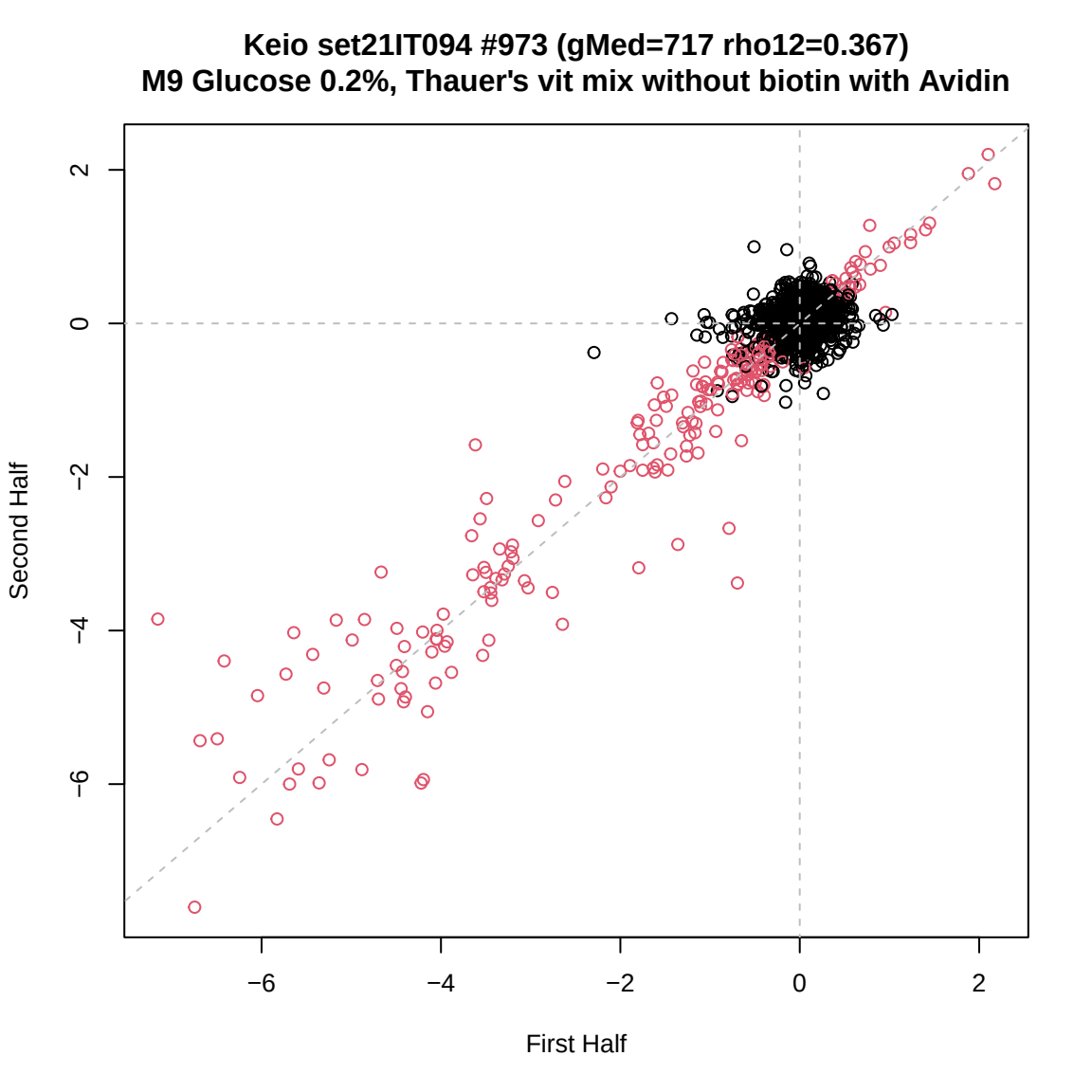

Keio set21IT089 #968 (gMed=738 rho12=0.363)
M9 Glucose 0.2%, Thauer's vit mix
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

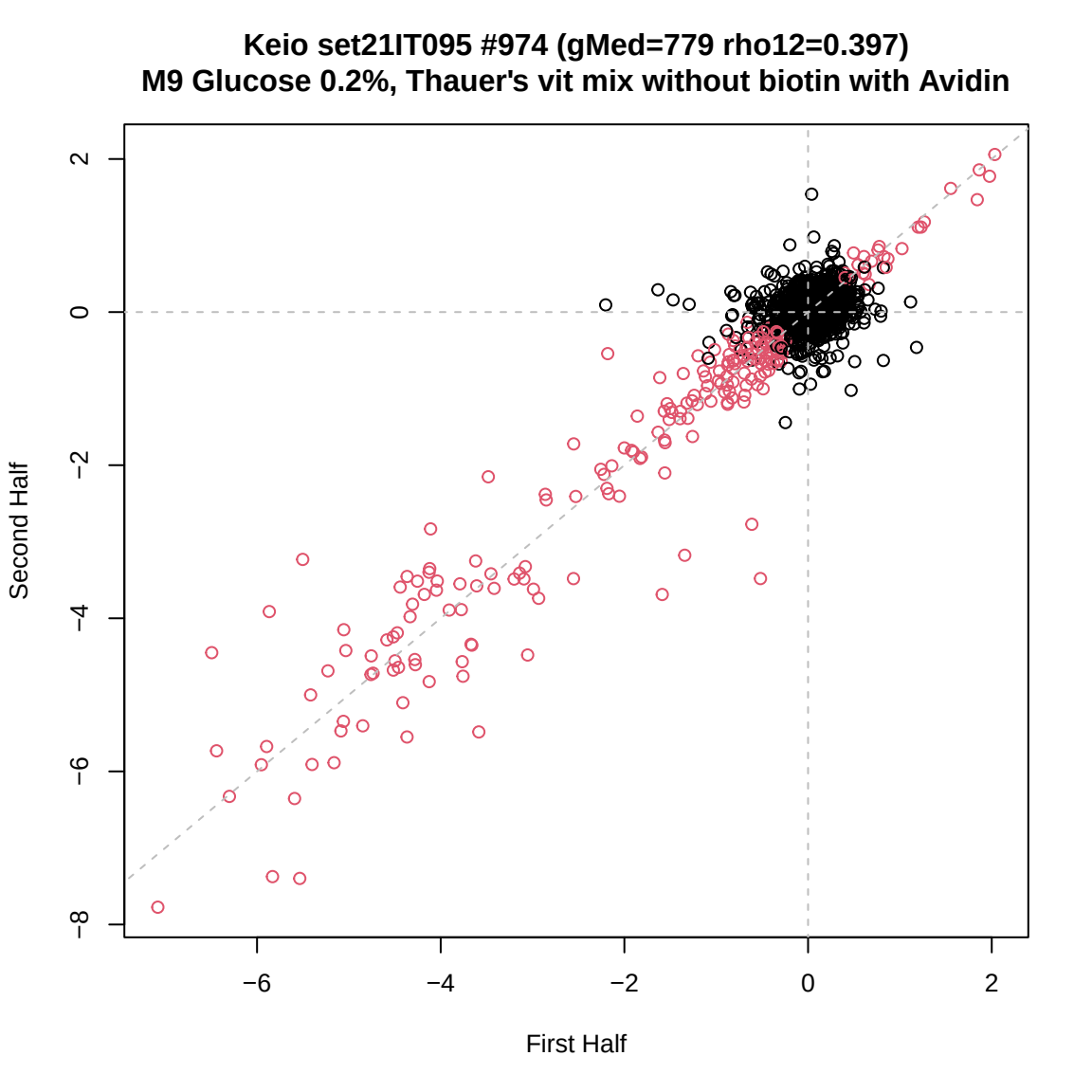

Keio set21IT090 #969 (gMed=710 rho12=0.379)
M9 Glucose 0.2%, Thauer's vit mix
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

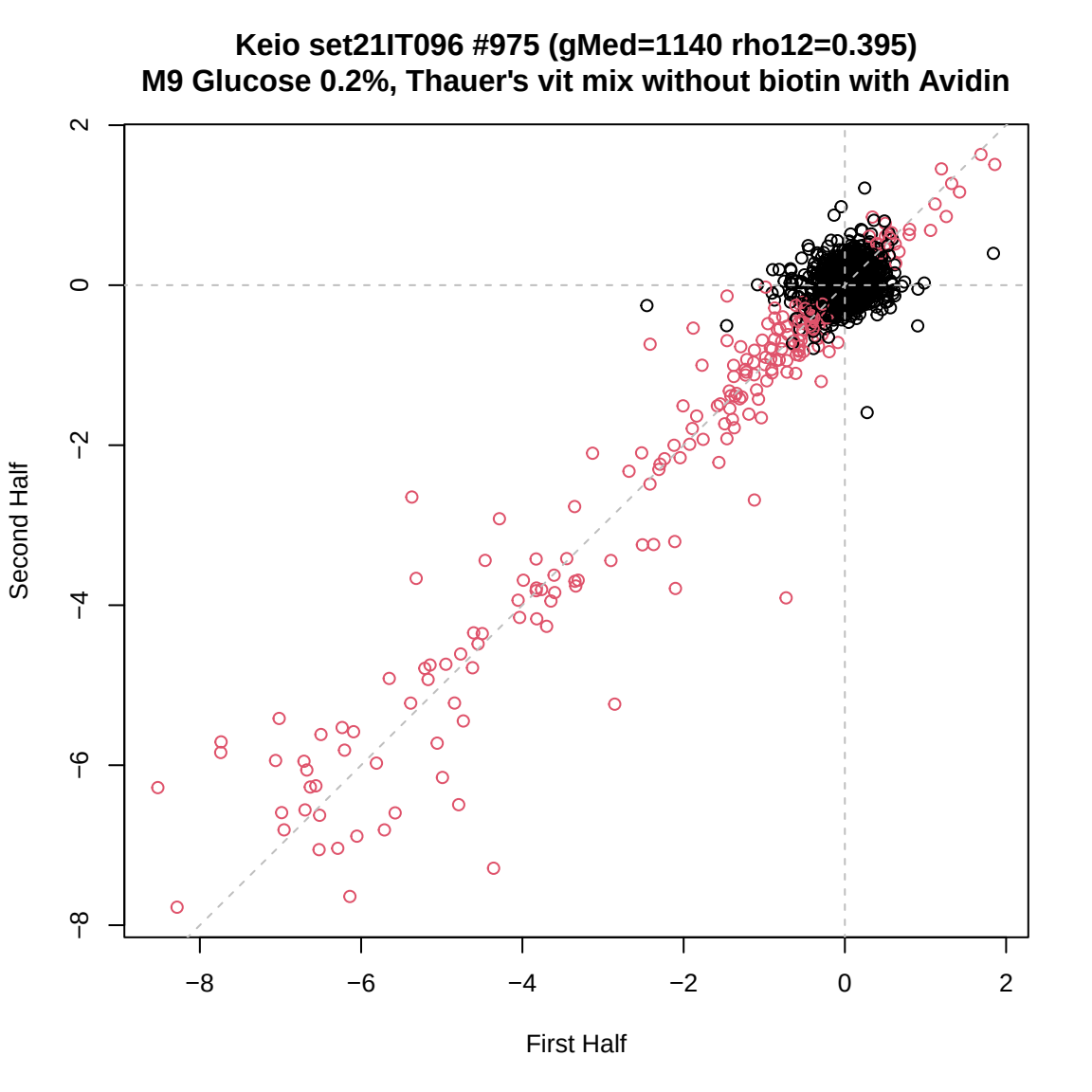

Keio set21IT091 #970 (gMed=854 rho12=0.413)
M9 Glucose 0.2%, Thauer's vit mix without biotin
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

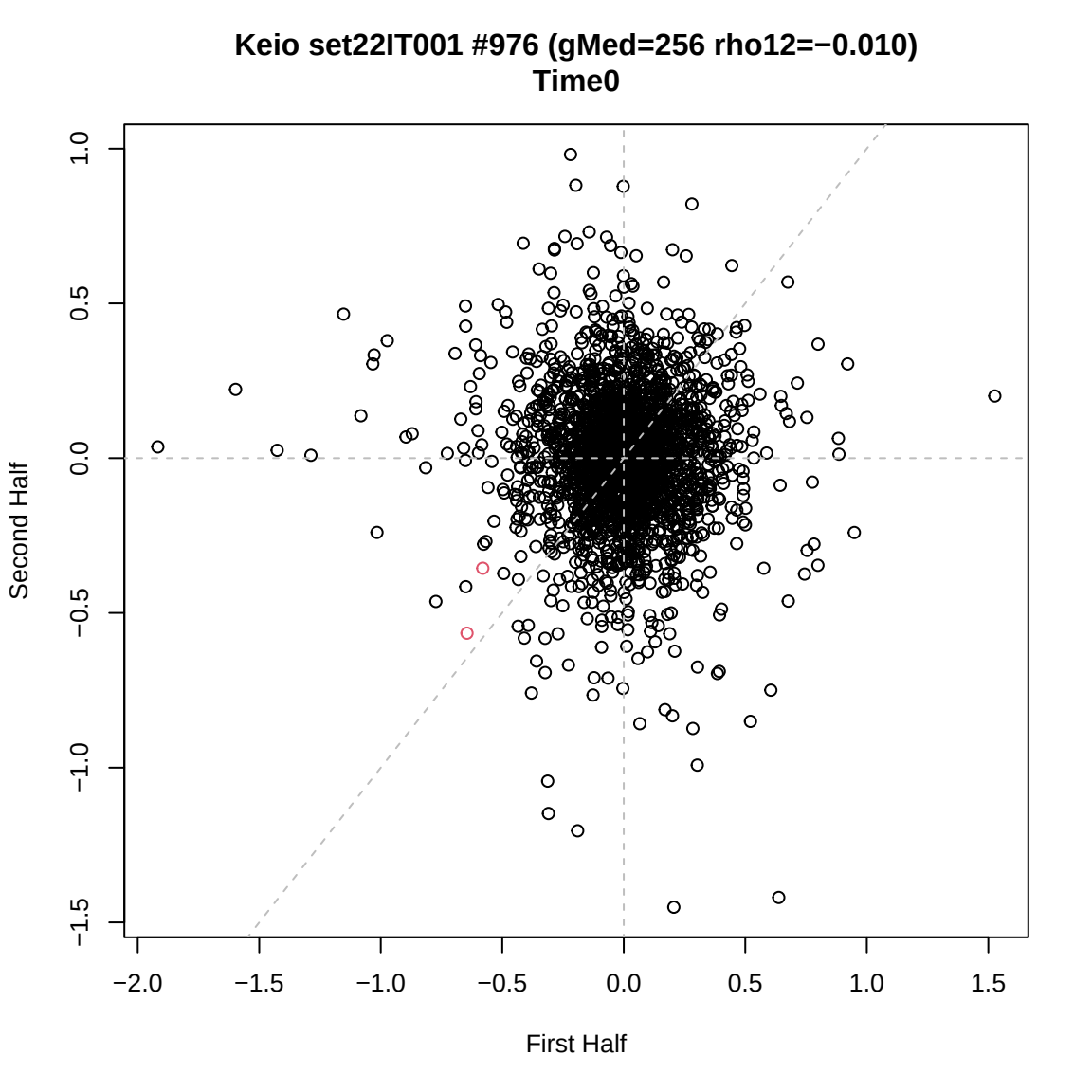

Keio set21IT092 #971 (gMed=829 rho12=0.404)
M9 Glucose 0.2%, Thauer's vit mix without biotin
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

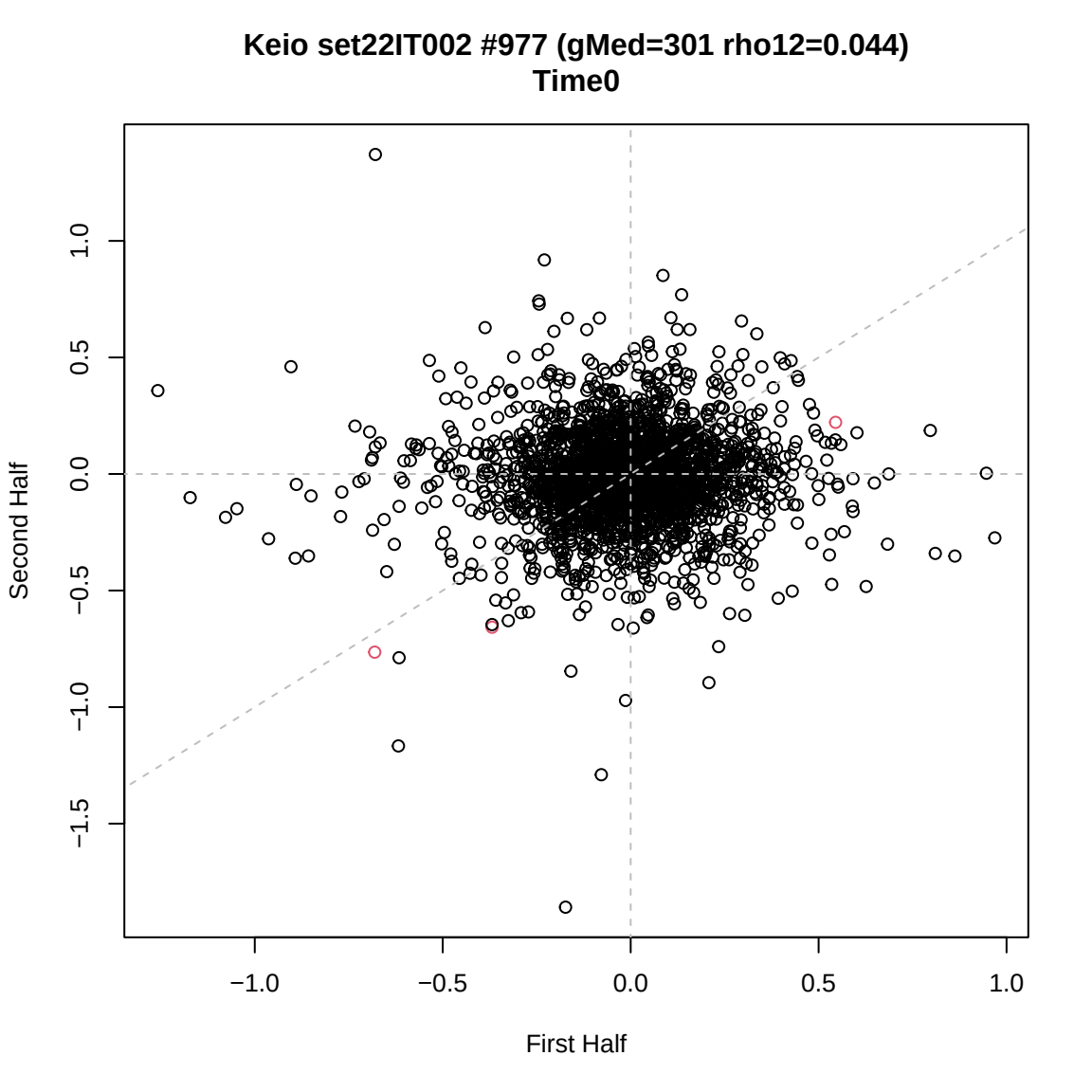

Keio set21IT093 #972 (gMed=838 rho12=0.399)
M9 Glucose 0.2%, Thauer's vit mix without biotin
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

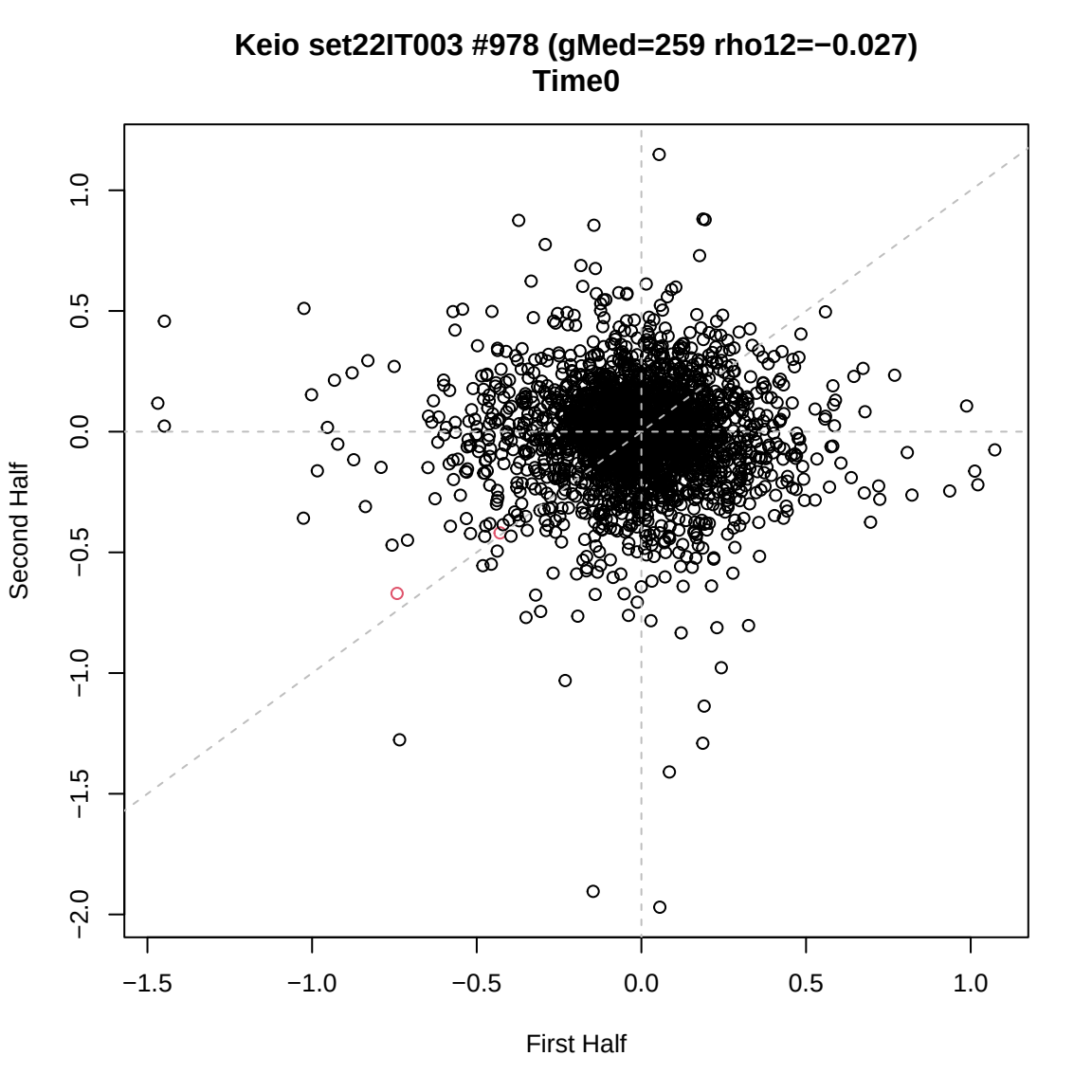

Keio set21IT094 #973 (gMed=717 rho12=0.367)
M9 Glucose 0.2%, Thauer's vit mix without biotin with Avidin
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

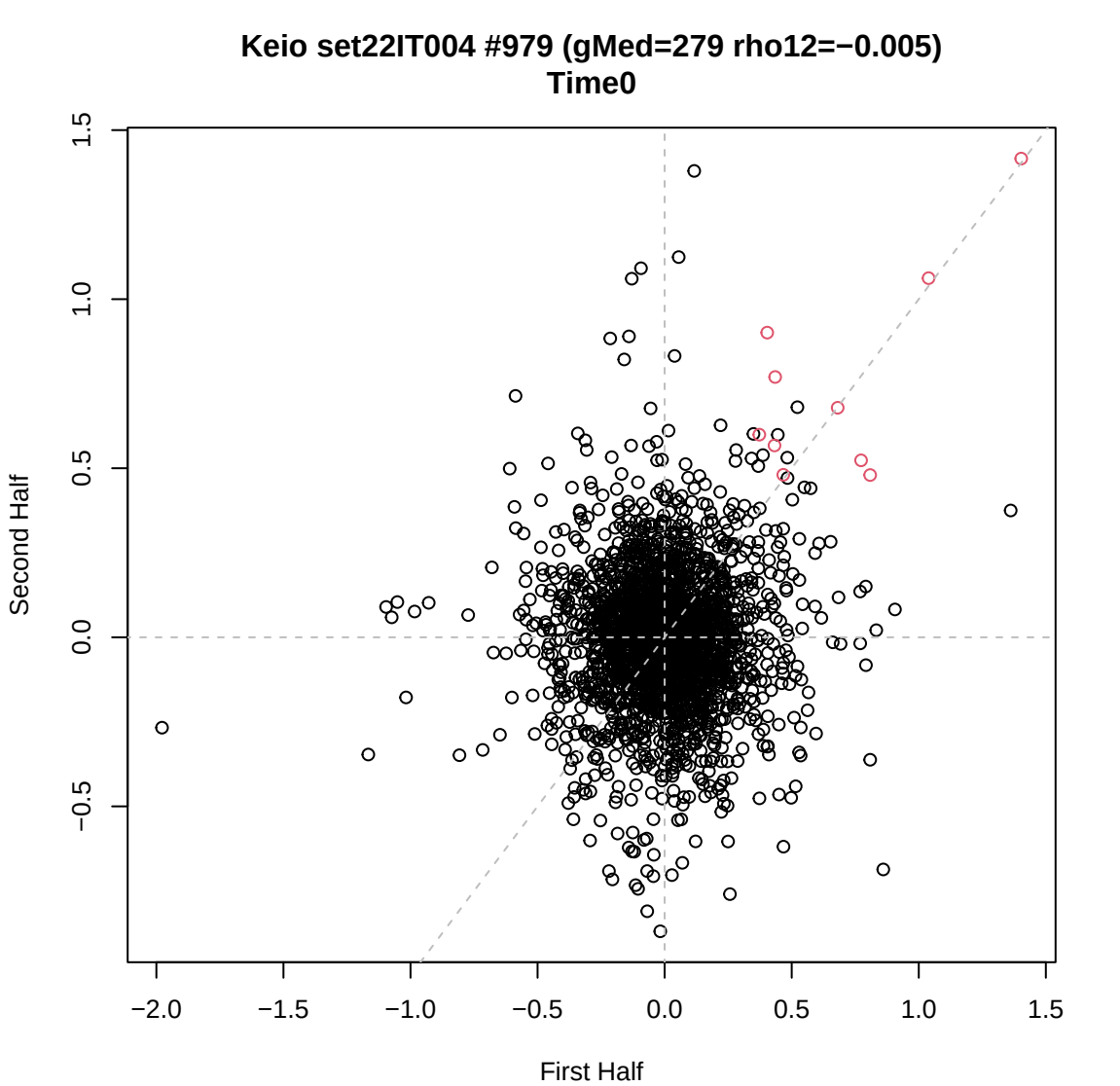

Keio set21IT095 #974 (gMed=779 rho12=0.397)
M9 Glucose 0.2%, Thauer's vit mix without biotin with Avidin
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

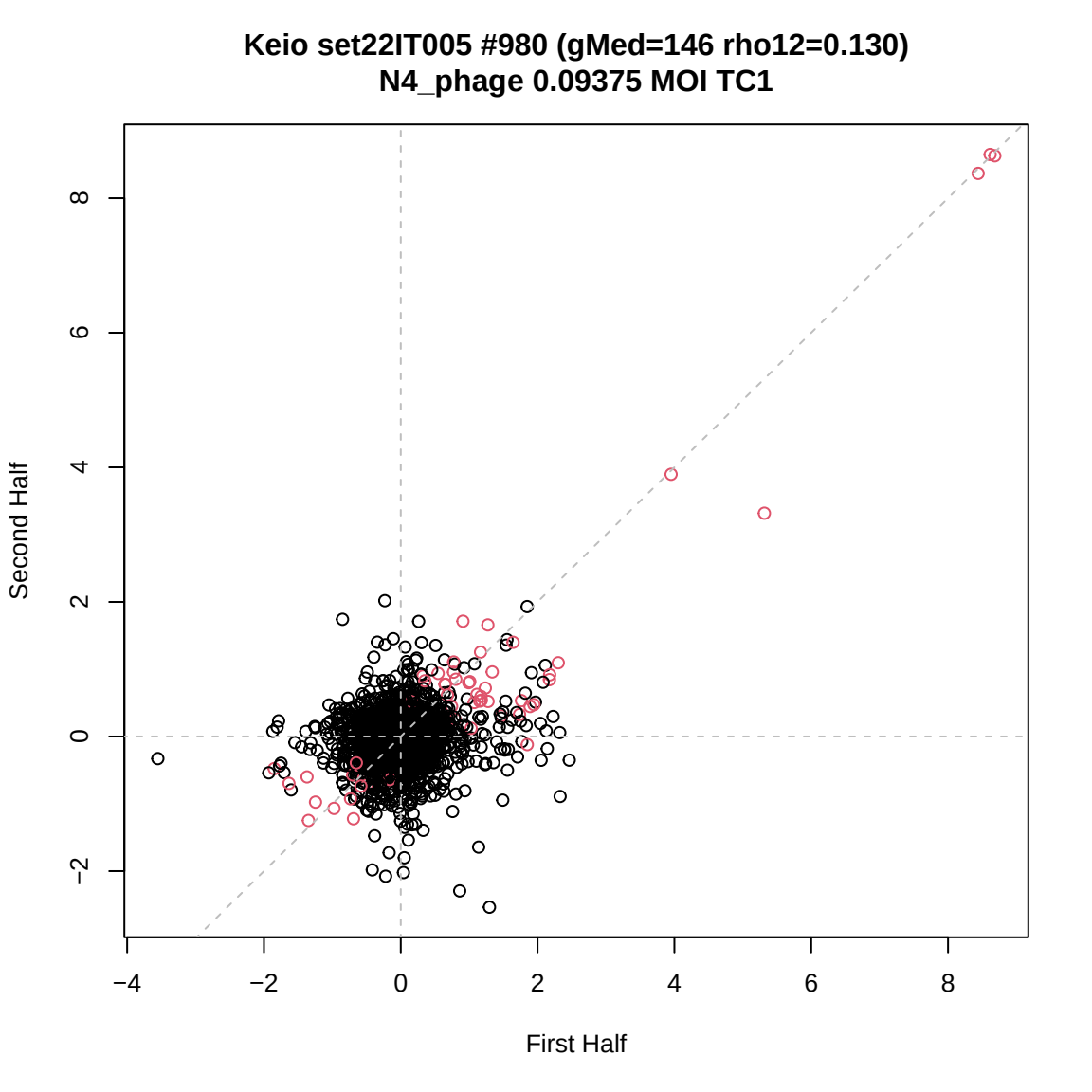

Keio set21IT096 #975 (gMed=1140 rho12=0.395)
M9 Glucose 0.2%, Thauer's vit mix without biotin with Avidin
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

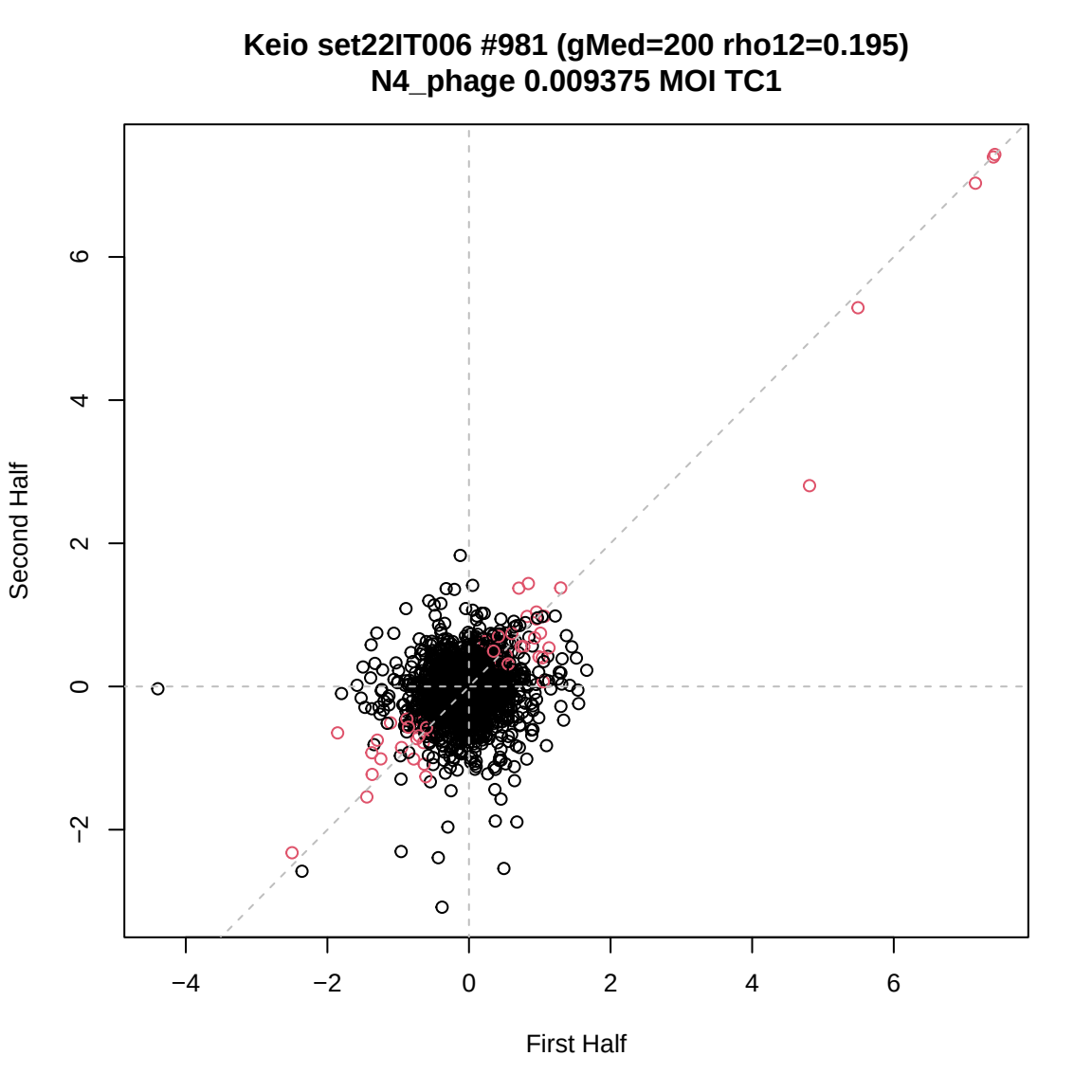

Keio set22IT001 #976 (gMed=256 rho12=−0.010)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

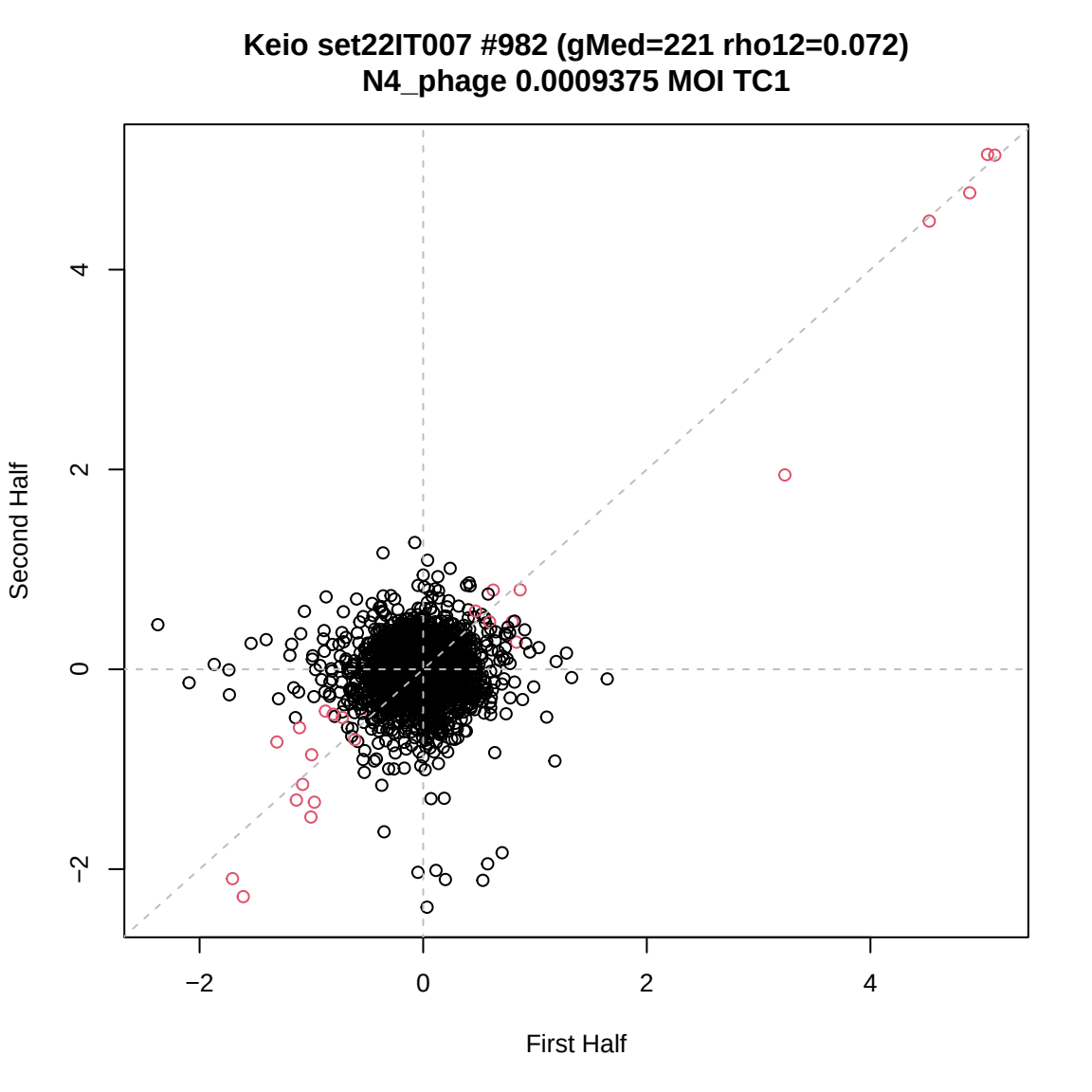

Keio set22IT002 #977 (gMed=301 rho12=0.044)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

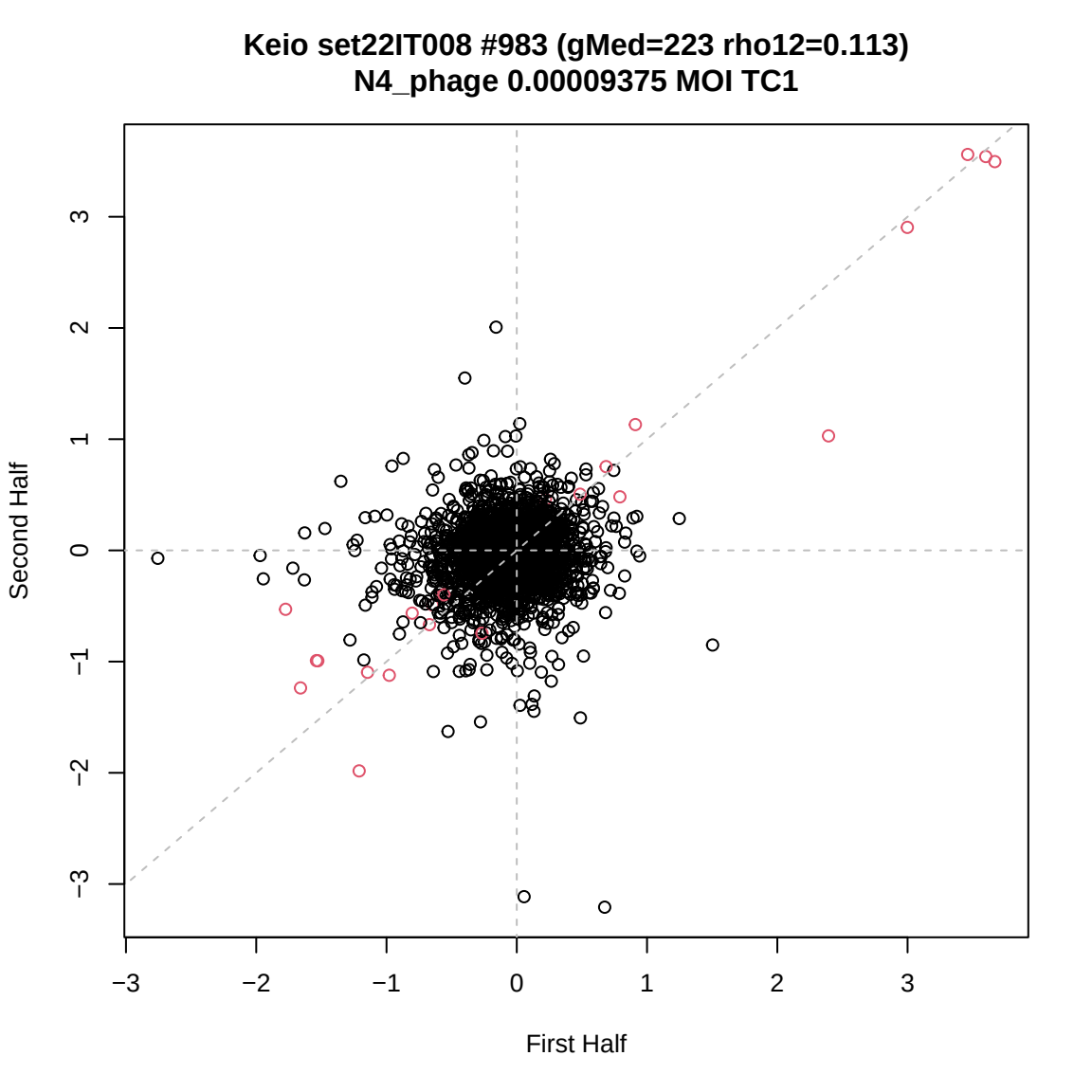

Keio set22IT003 #978 (gMed=259 rho12=−0.027)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

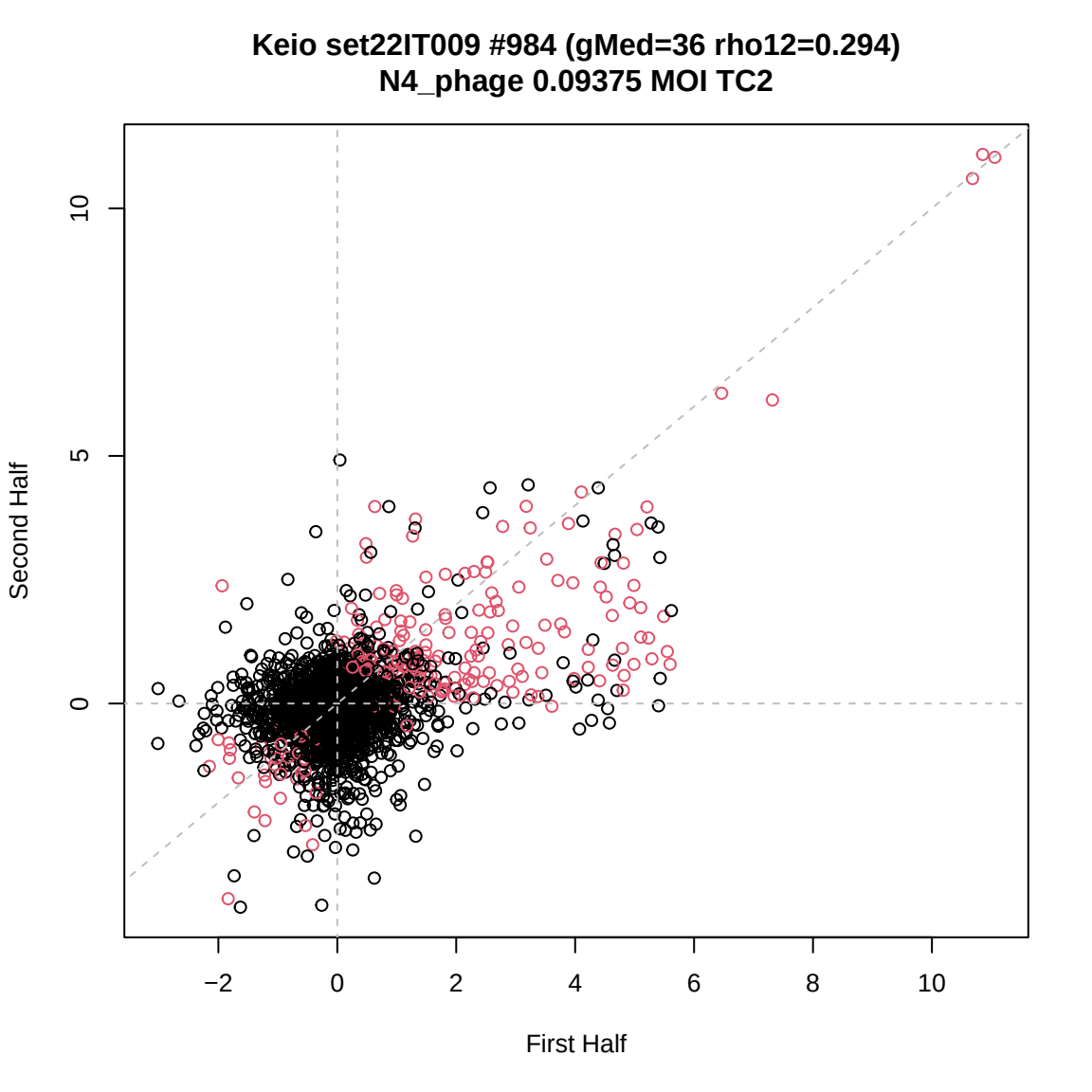

Keio set22IT004 #979 (gMed=279 rho12=−0.005)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

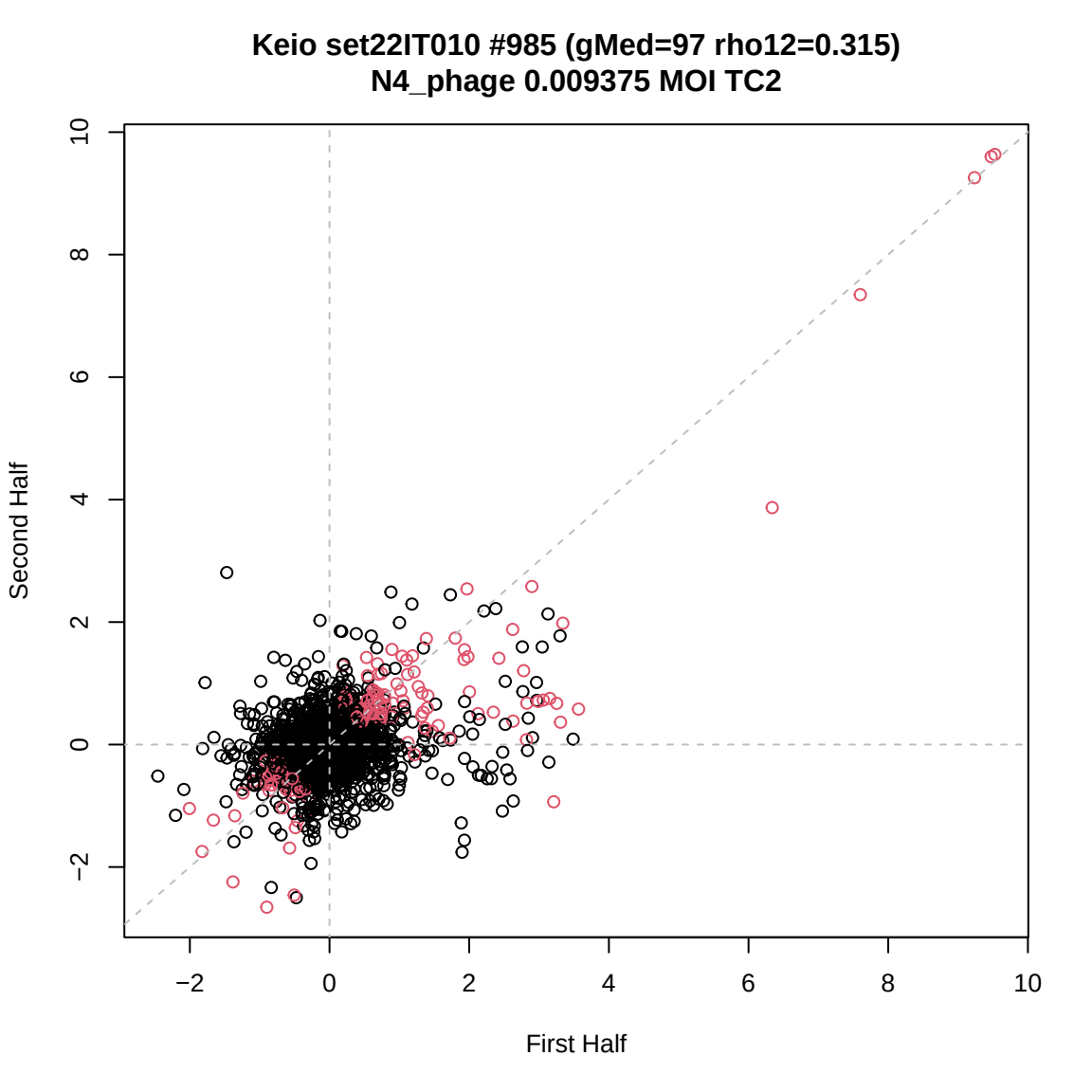

Keio set22IT005 #980 (gMed=146 rho12=0.130)
N4_phage 0.09375 MOI TC1
Second Half
First Half
−4
−2
0
2
4
6
8
−2
0
2
4
6
8

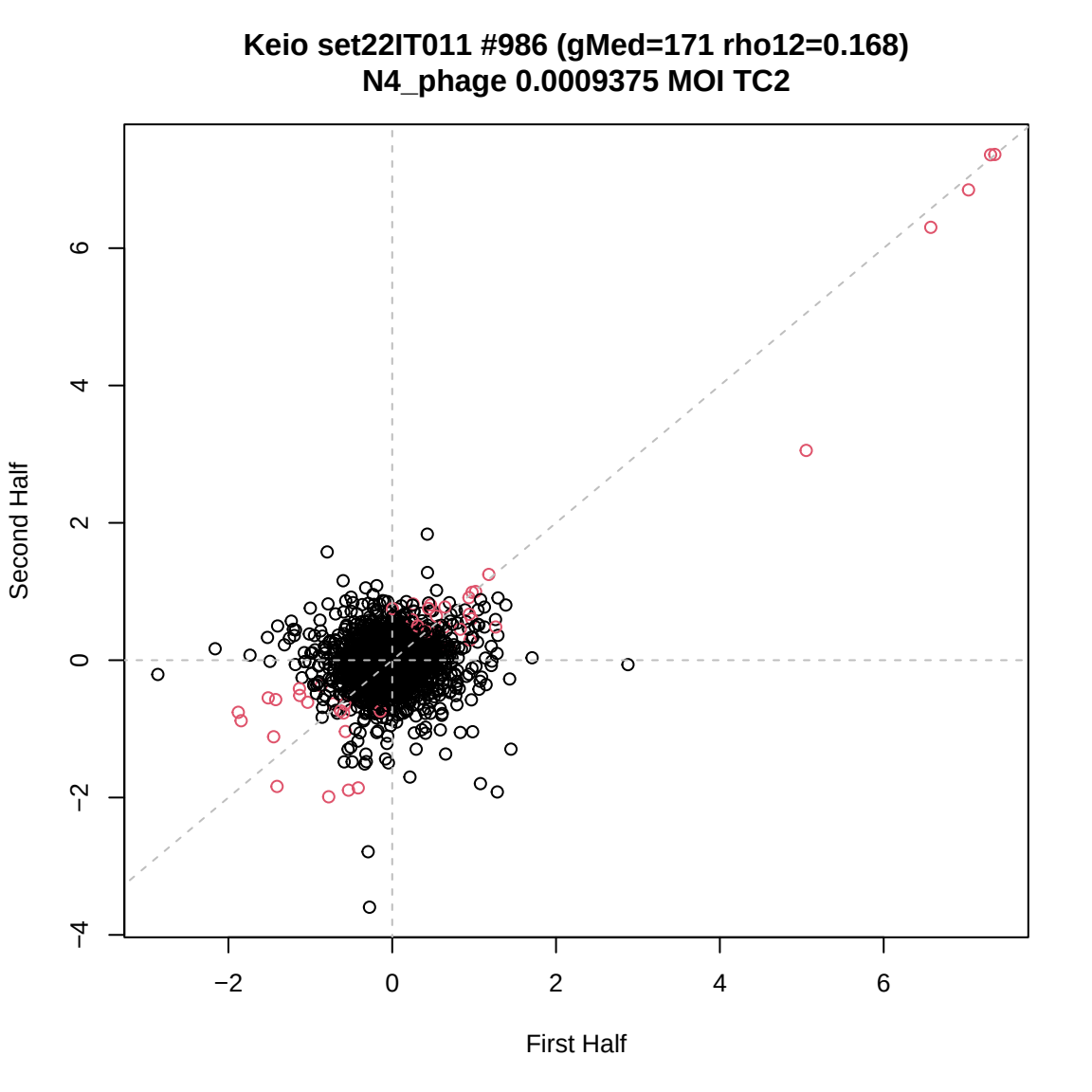

Keio set22IT006 #981 (gMed=200 rho12=0.195)
N4_phage 0.009375 MOI TC1
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

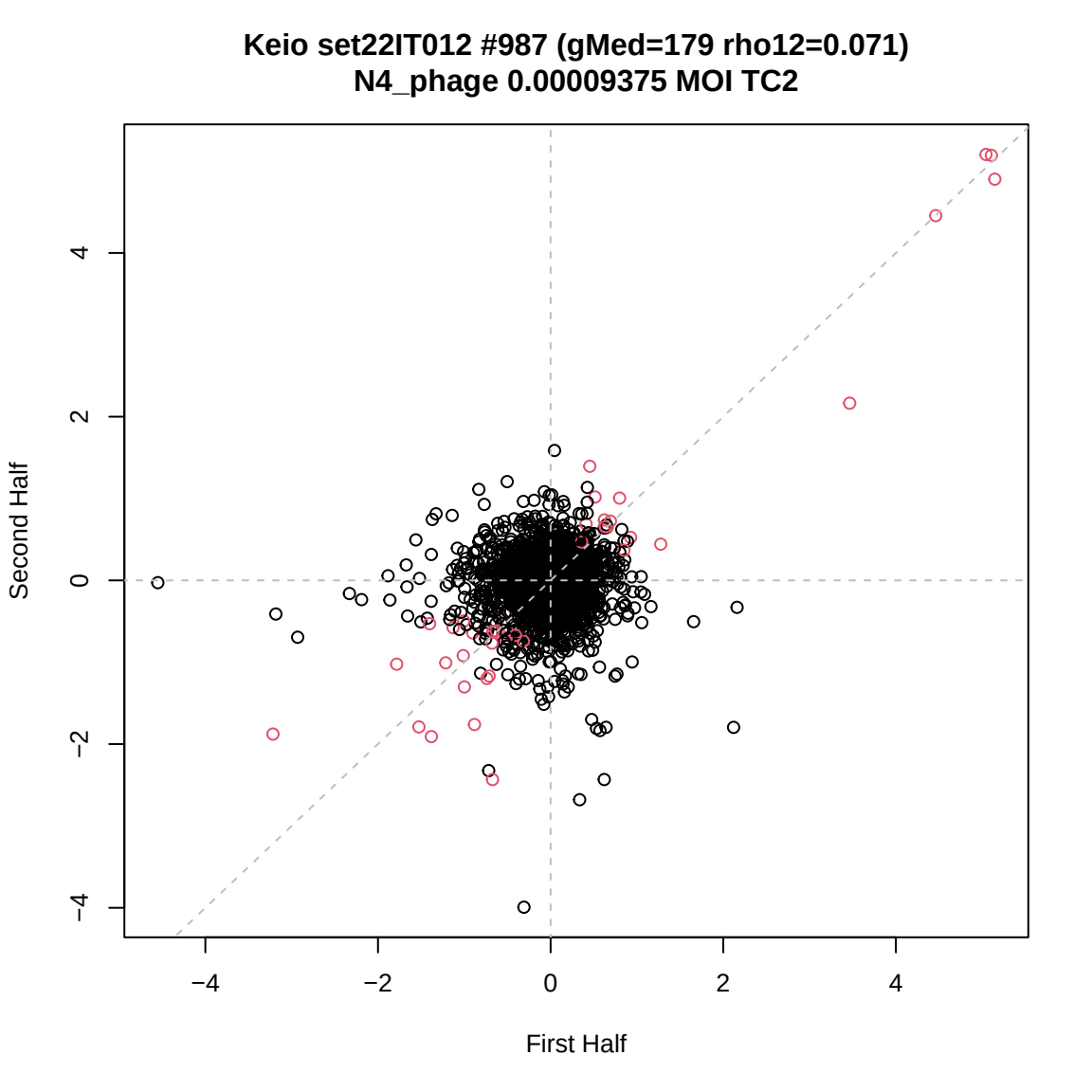

Keio set22IT007 #982 (gMed=221 rho12=0.072)
N4_phage 0.0009375 MOI TC1
Second Half
First Half
4
2
0
−2
−2
0
2
4

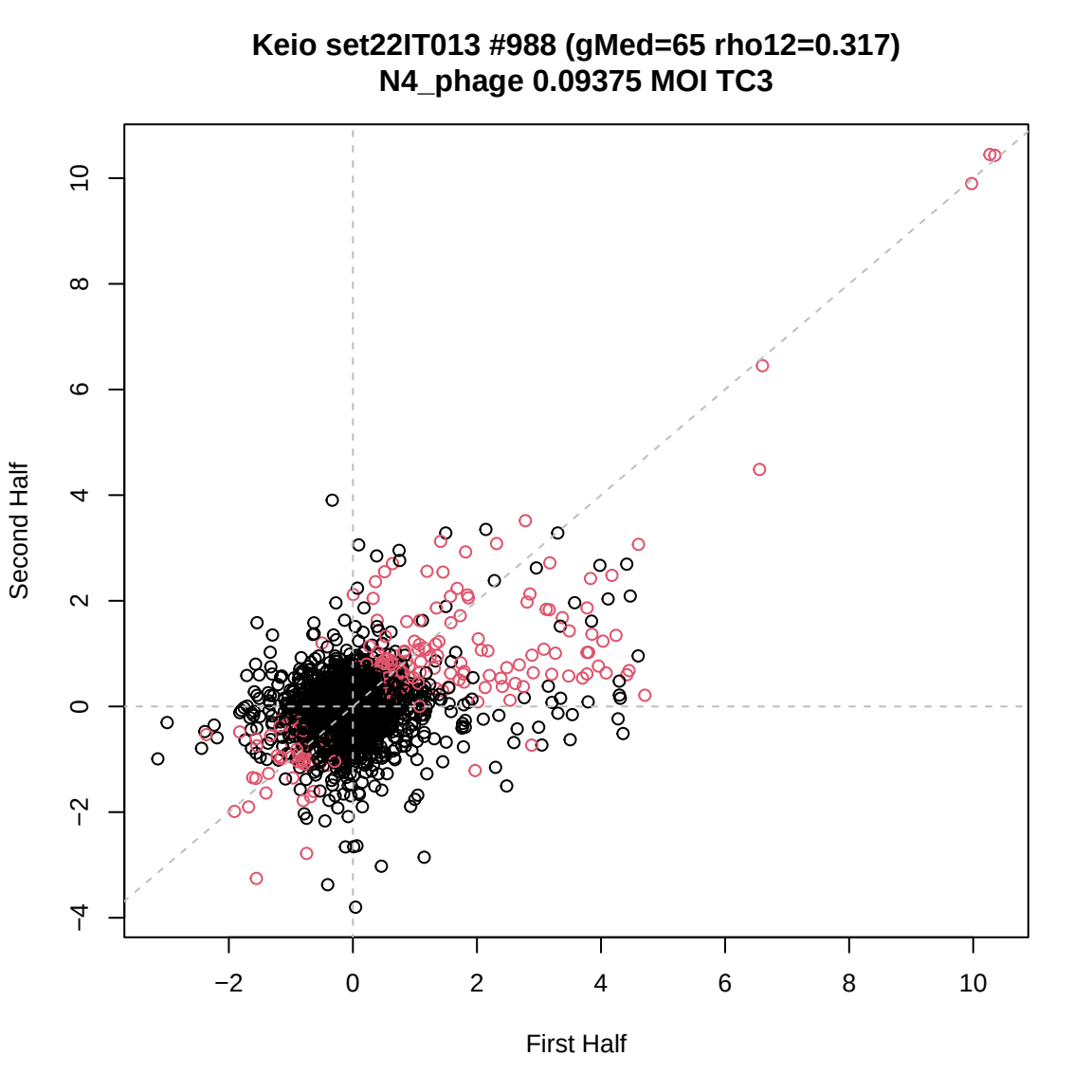

Keio set22IT008 #983 (gMed=223 rho12=0.113)
N4_phage 0.00009375 MOI TC1
Second Half
First Half
−3
−2
−1
0
1
2
3

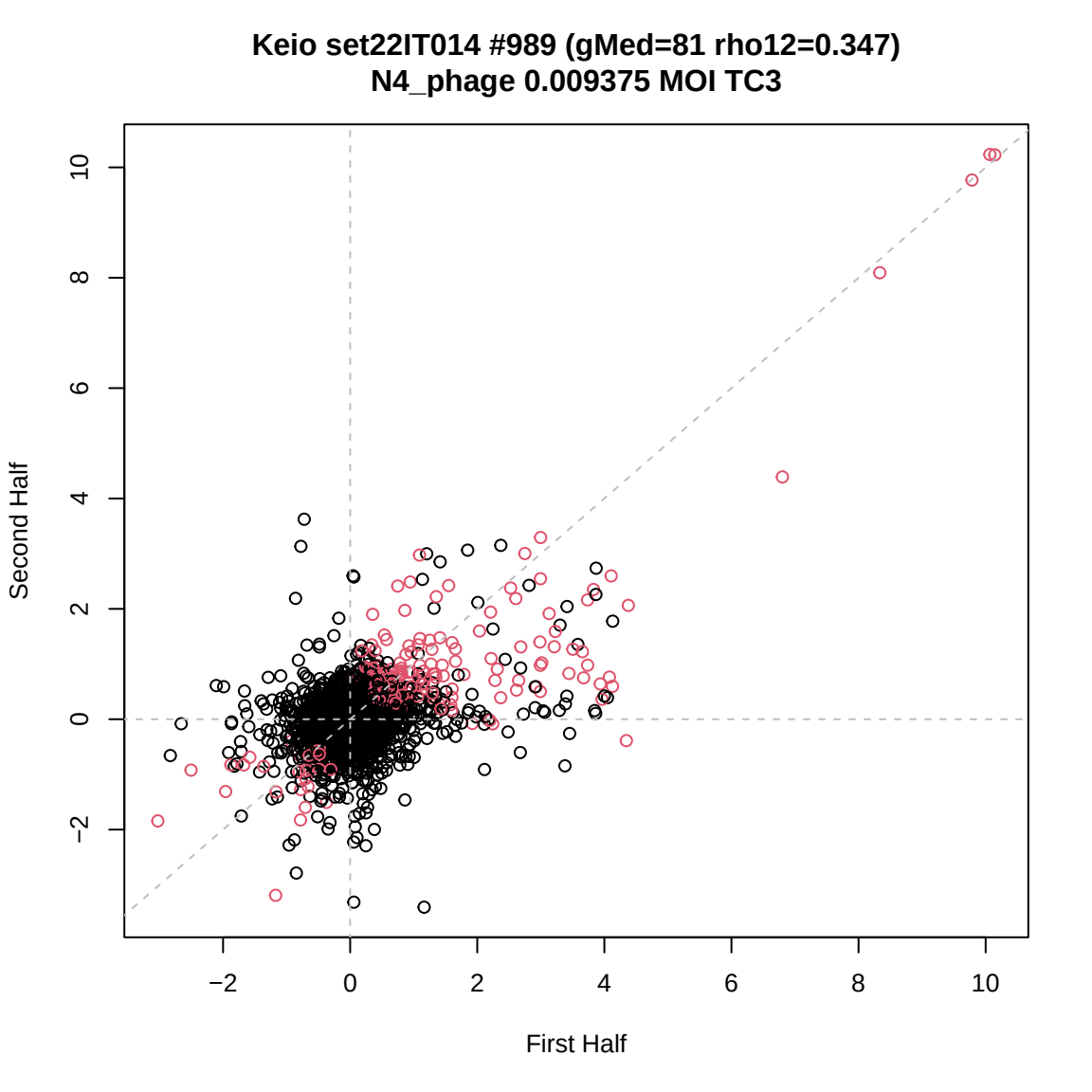

Keio set22IT009 #984 (gMed=36 rho12=0.294)
N4_phage 0.09375 MOI TC2
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

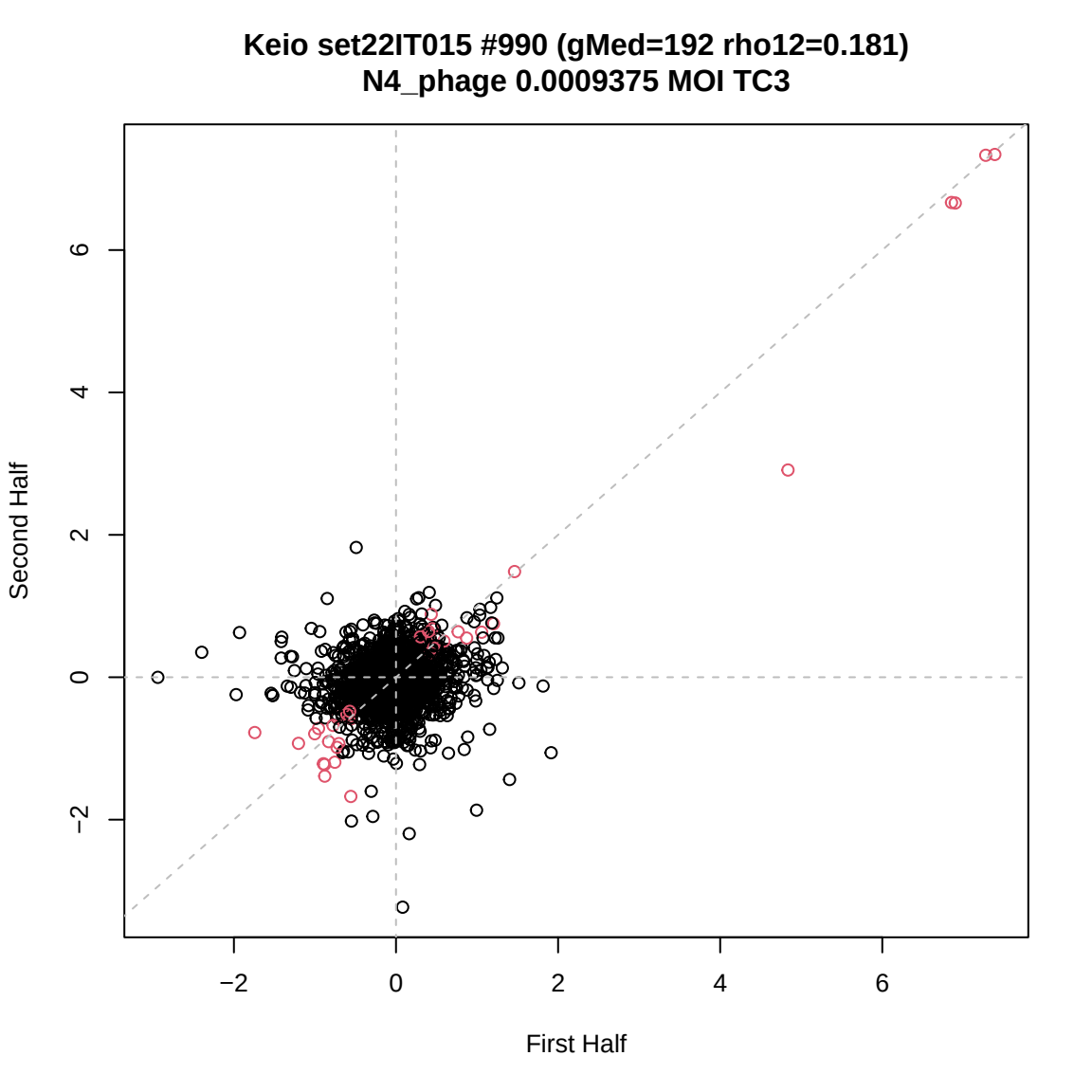

Keio set22IT010 #985 (gMed=97 rho12=0.315)
N4_phage 0.009375 MOI TC2
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

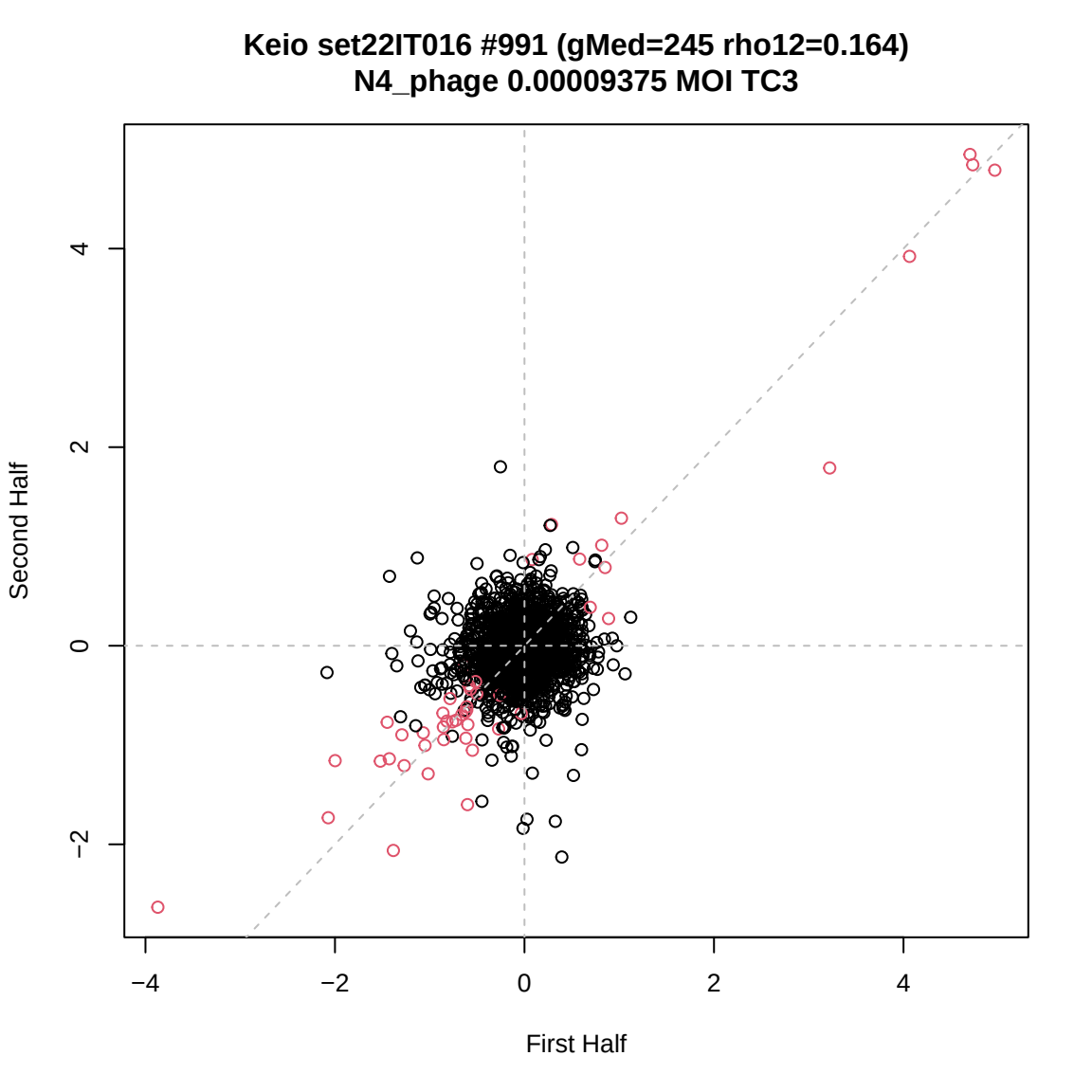

Keio set22IT011 #986 (gMed=171 rho12=0.168)
N4_phage 0.0009375 MOI TC2
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

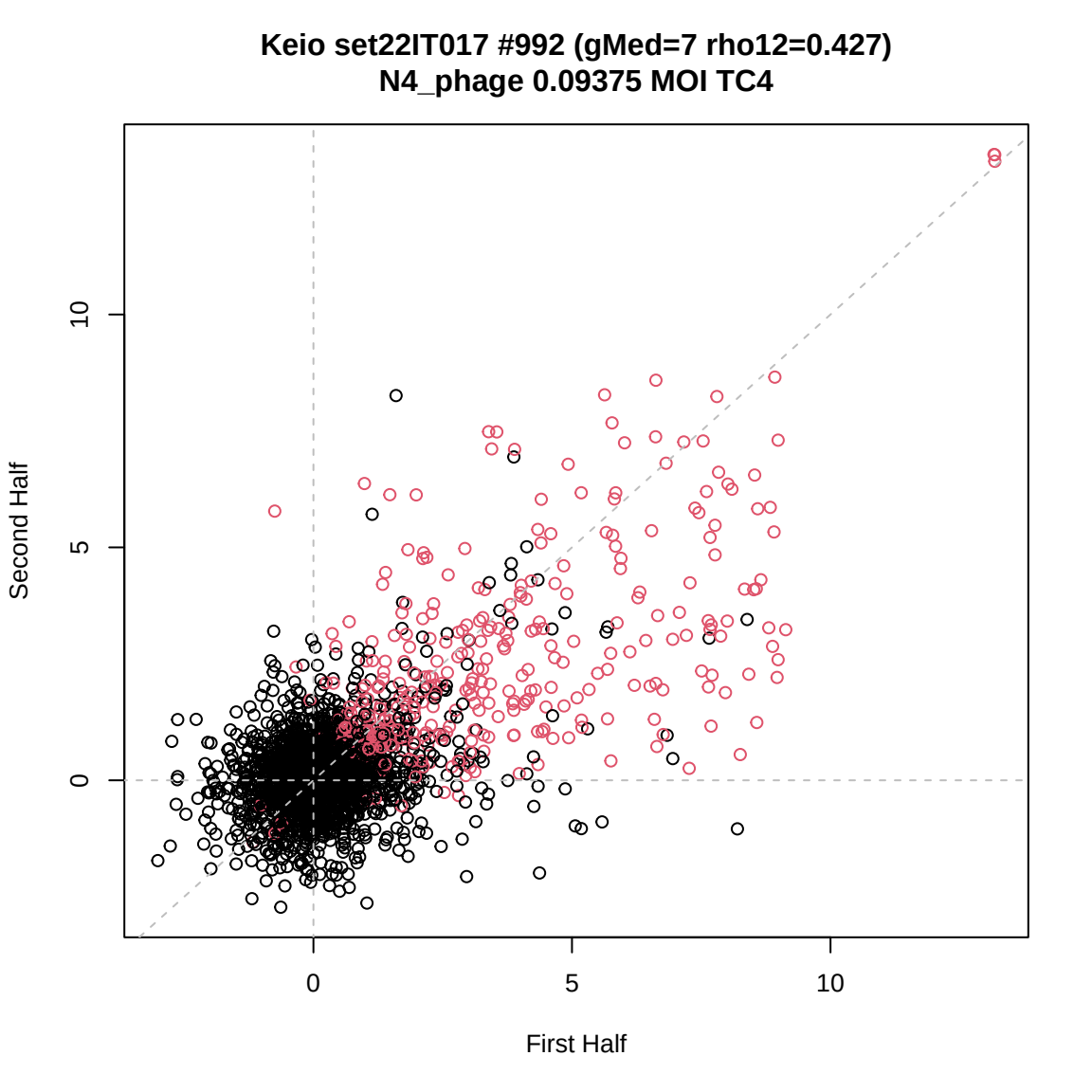

Keio set22IT012 #987 (gMed=179 rho12=0.071)
N4_phage 0.00009375 MOI TC2
Second Half
First Half
−4
−2
0
2
4

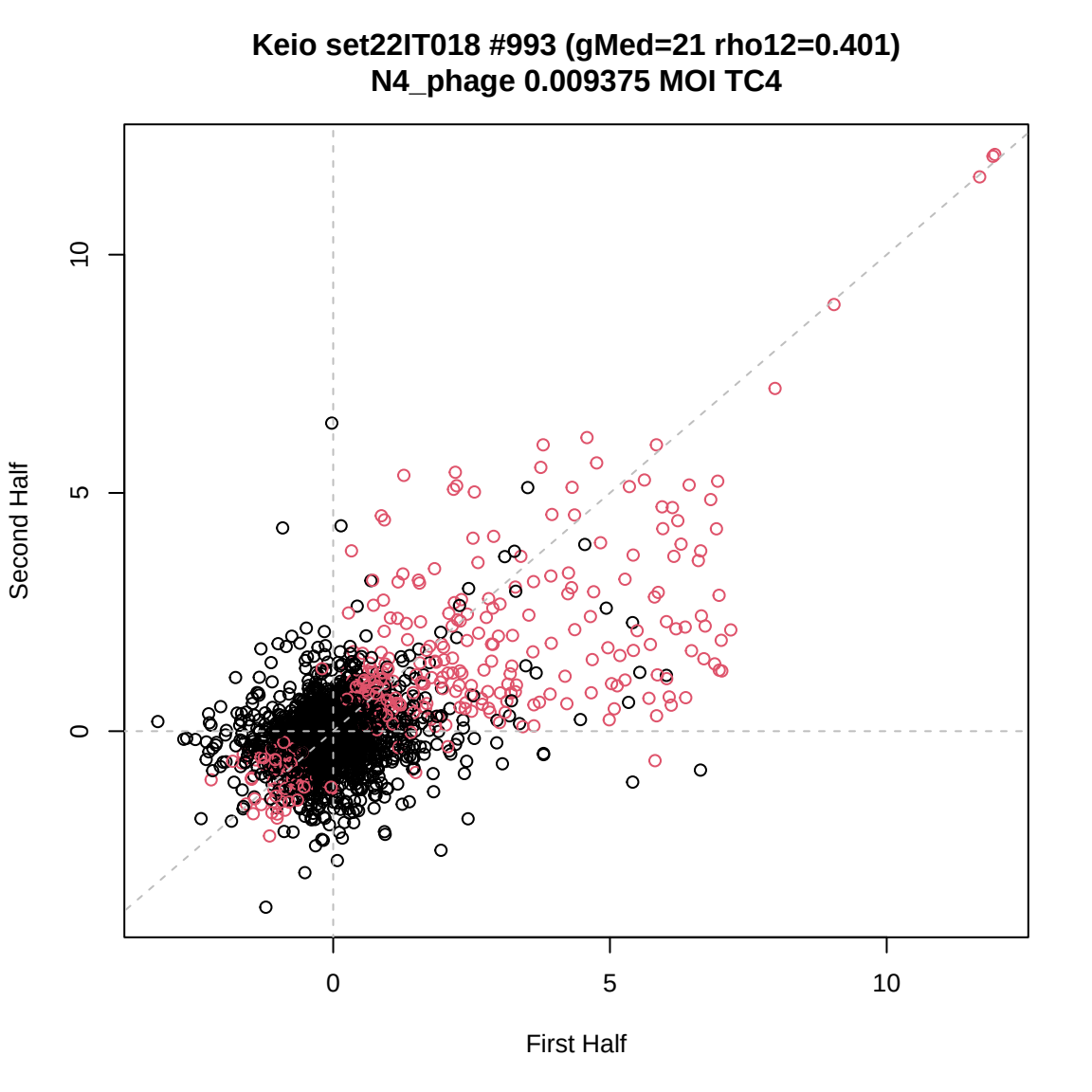

Keio set22IT013 #988 (gMed=65 rho12=0.317)
N4_phage 0.09375 MOI TC3
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

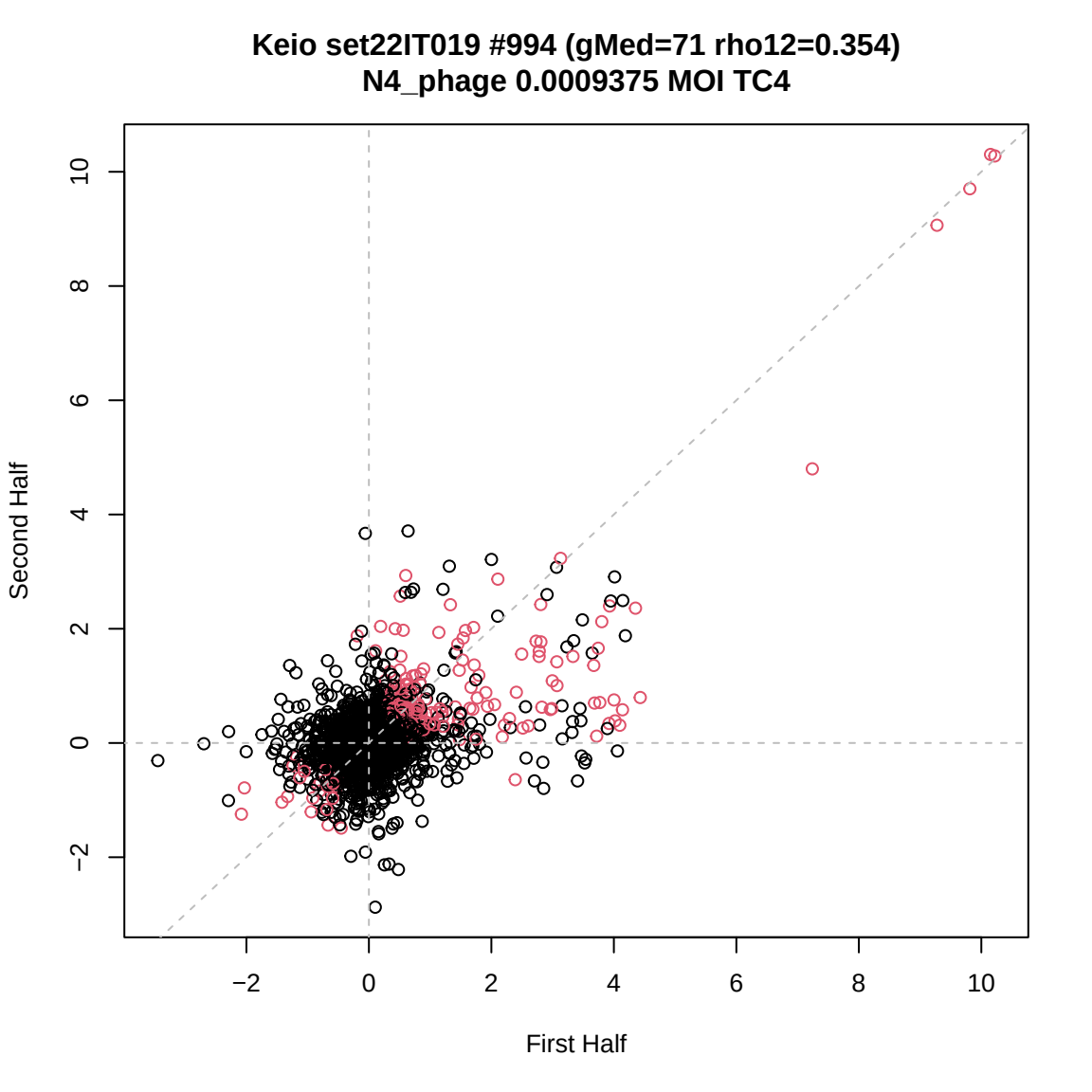

Keio set22IT014 #989 (gMed=81 rho12=0.347)
N4_phage 0.009375 MOI TC3
Second Half
First Half
−2
0
2
4
6
8
10

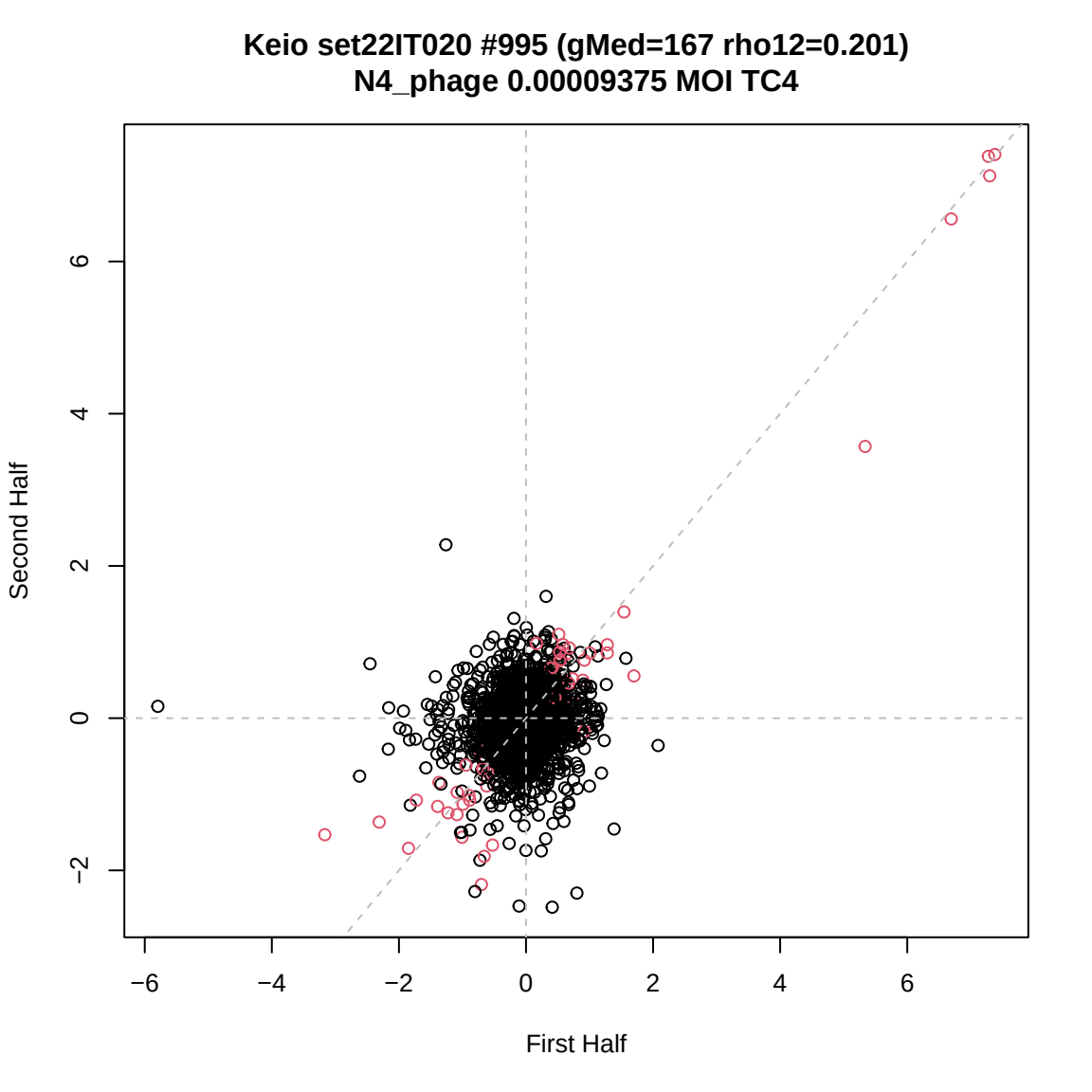

Keio set22IT015 #990 (gMed=192 rho12=0.181)
N4_phage 0.0009375 MOI TC3
Second Half
First Half
−2
0
2
4
6

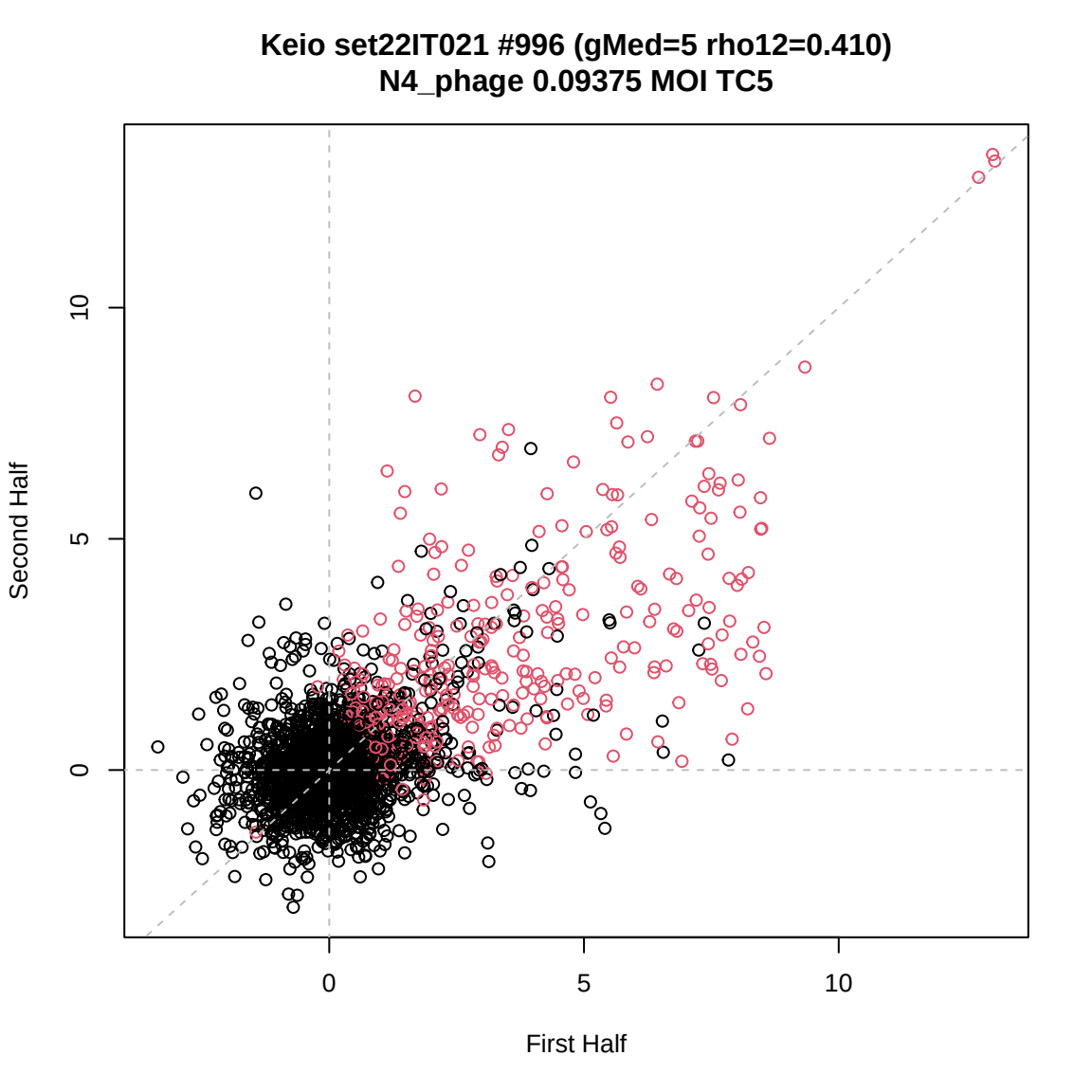

Keio set22IT016 #991 (gMed=245 rho12=0.164)
N4_phage 0.00009375 MOI TC3
Second Half
First Half
−4
−2
0
2
4
−2
0
2
4

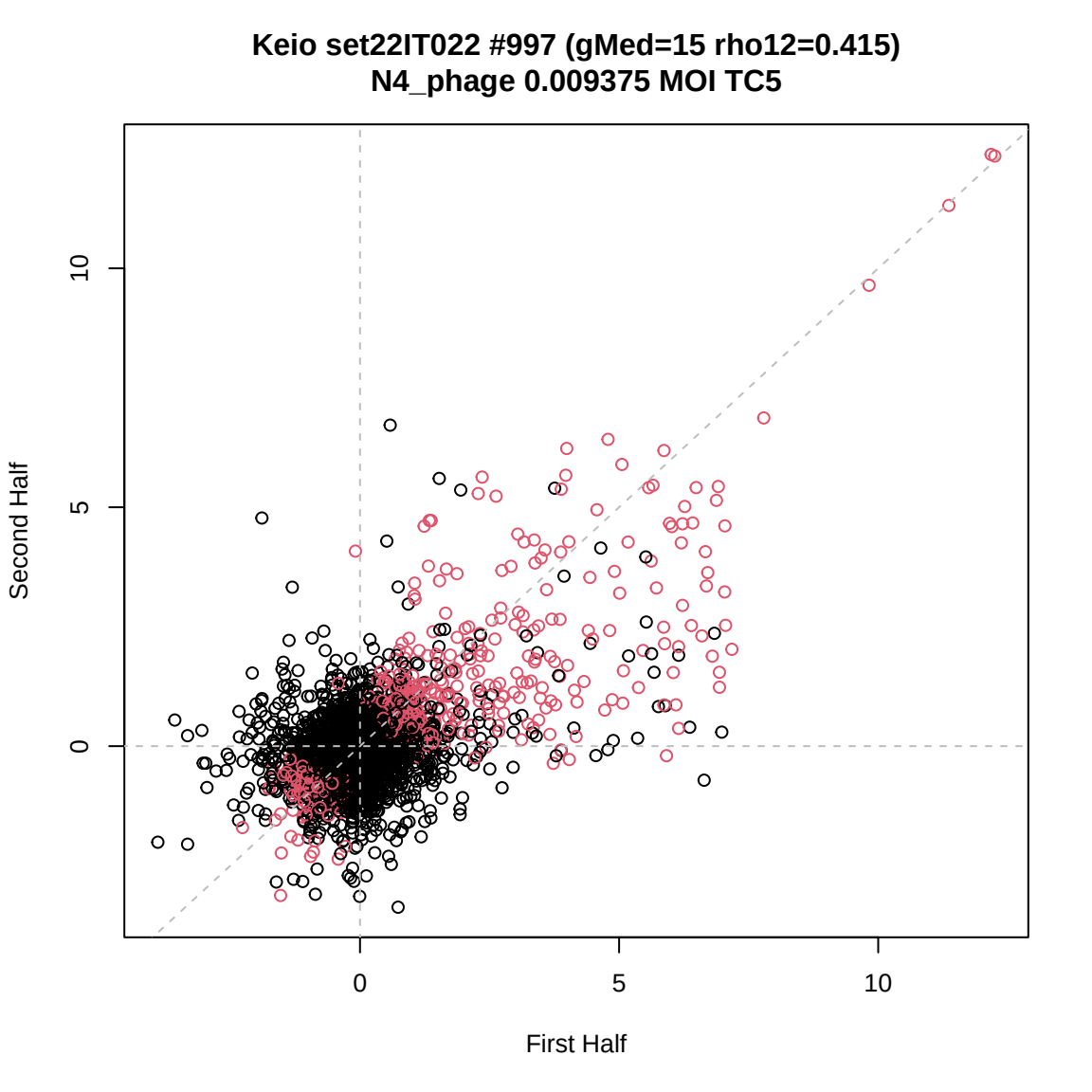

Keio set22IT017 #992 (gMed=7 rho12=0.427)
N4_phage 0.09375 MOI TC4
Second Half
First Half
0
5
10
0
5
10

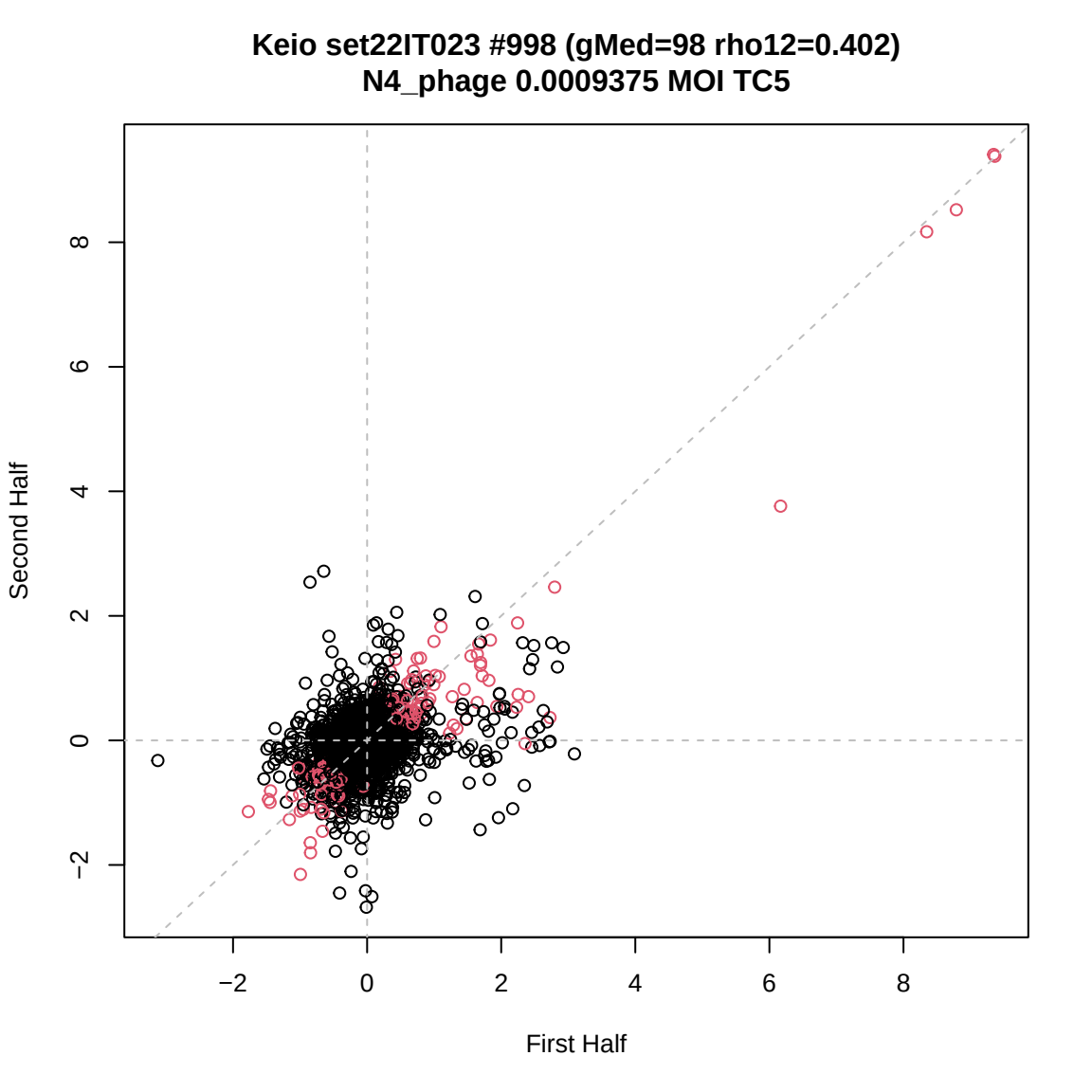

Keio set22IT018 #993 (gMed=21 rho12=0.401)
N4_phage 0.009375 MOI TC4
Second Half
First Half
0
5
10
0
5
10

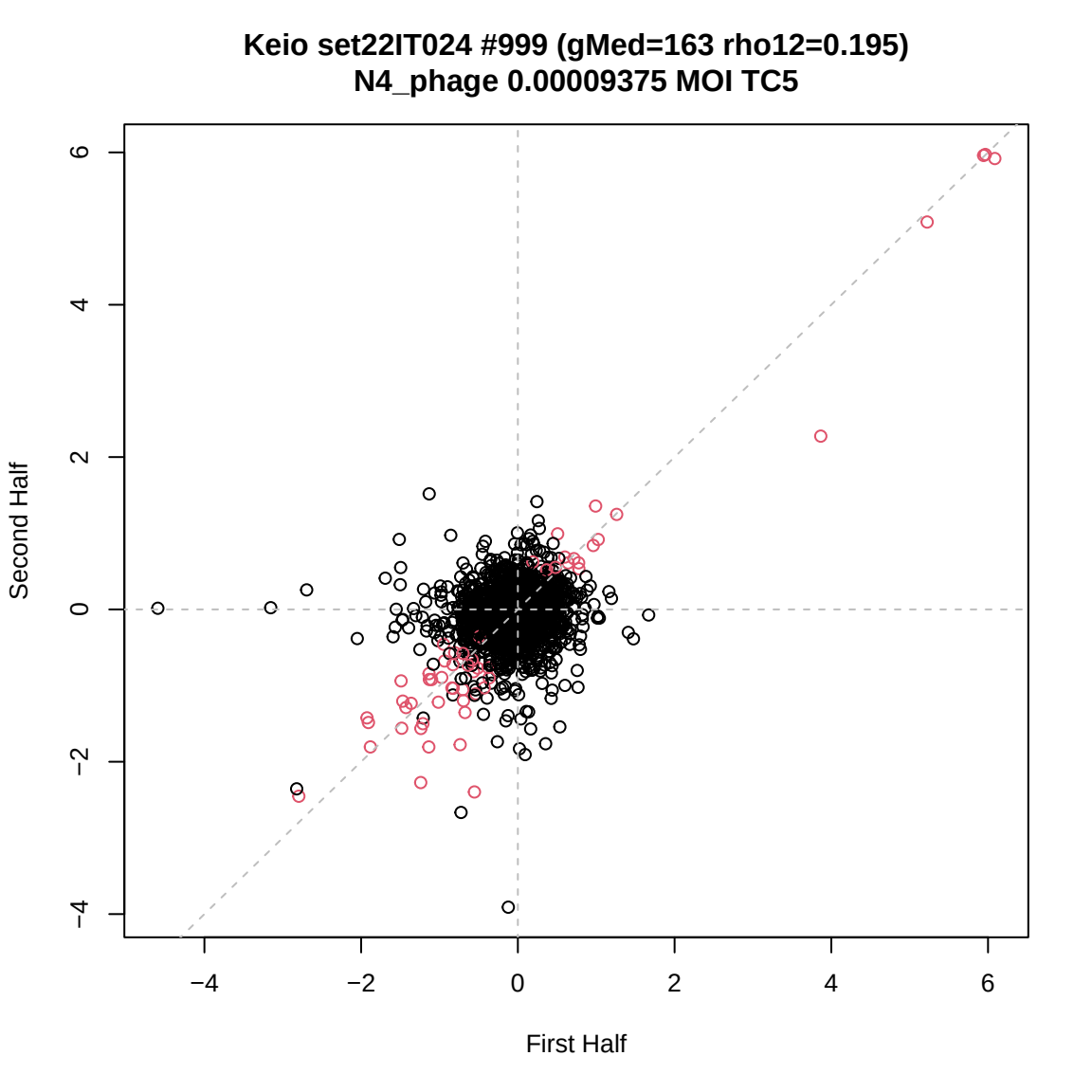

Keio set22IT019 #994 (gMed=71 rho12=0.354)
N4_phage 0.0009375 MOI TC4
Second Half
First Half
−2
0
2
4
6
8
10

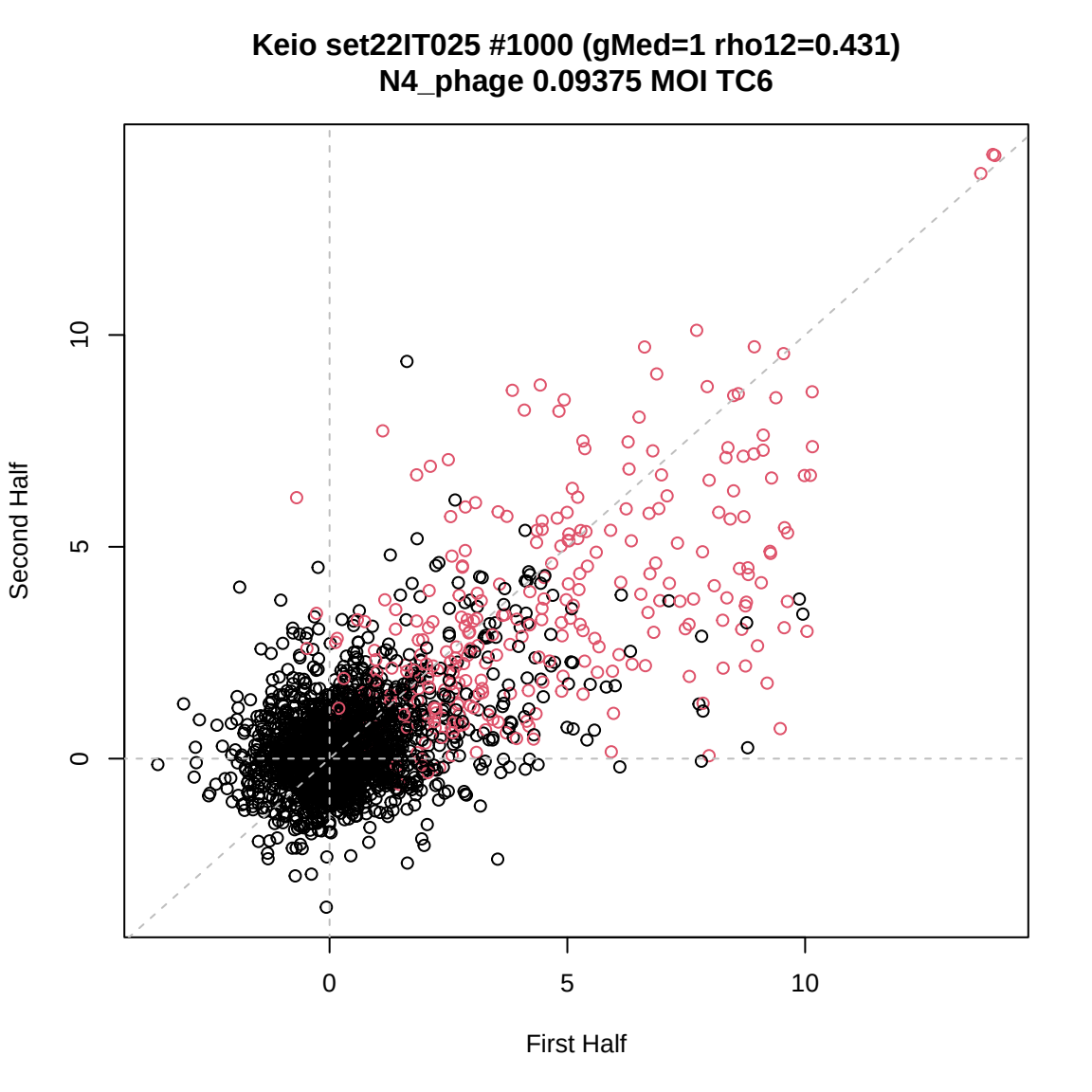

Keio set22IT020 #995 (gMed=167 rho12=0.201)
N4_phage 0.00009375 MOI TC4
Second Half
First Half
6
4
2
0
−2
−6
−4
−2
0
2
4
6

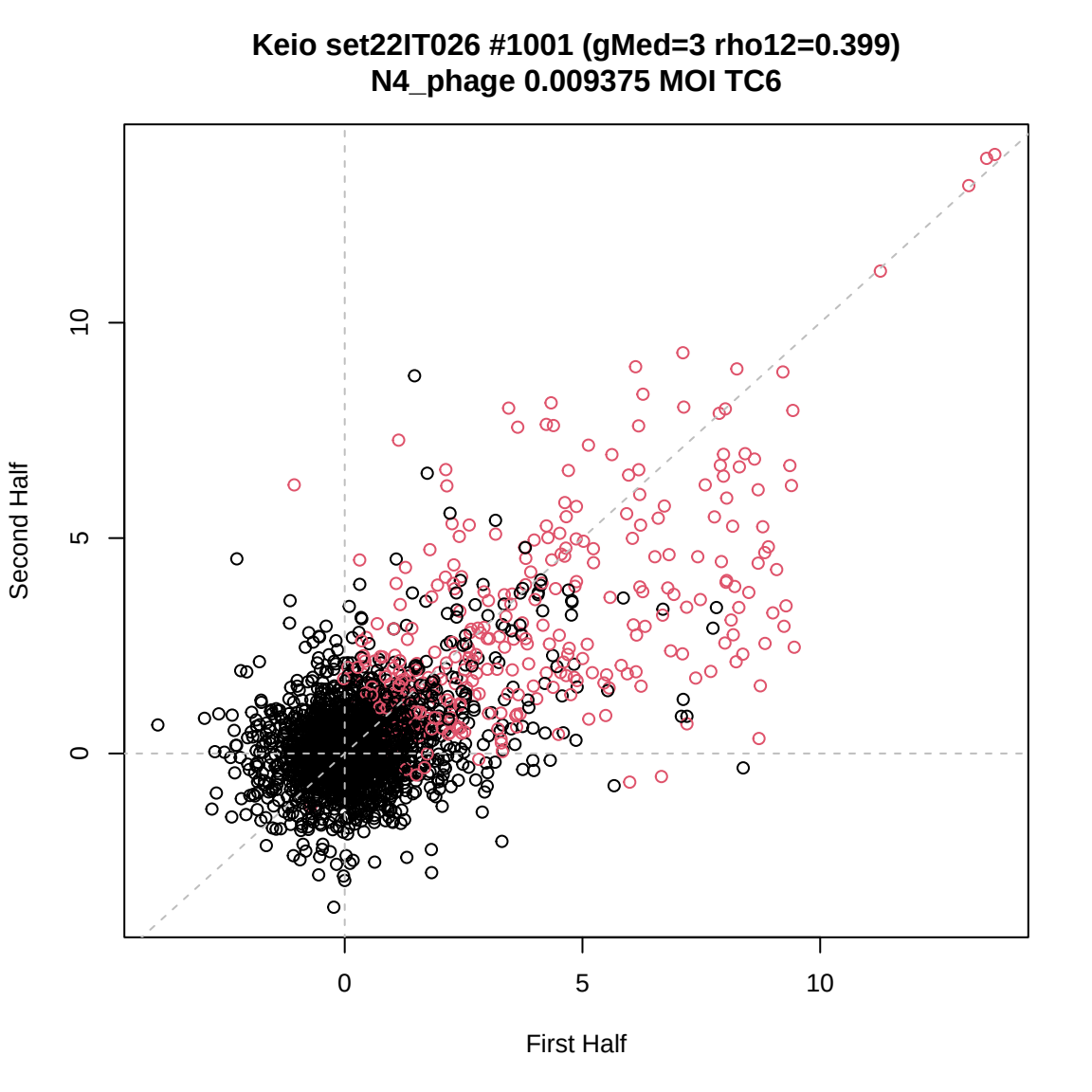

Keio set22IT021 #996 (gMed=5 rho12=0.410)
N4_phage 0.09375 MOI TC5
Second Half
First Half
0
5
10
0
5
10

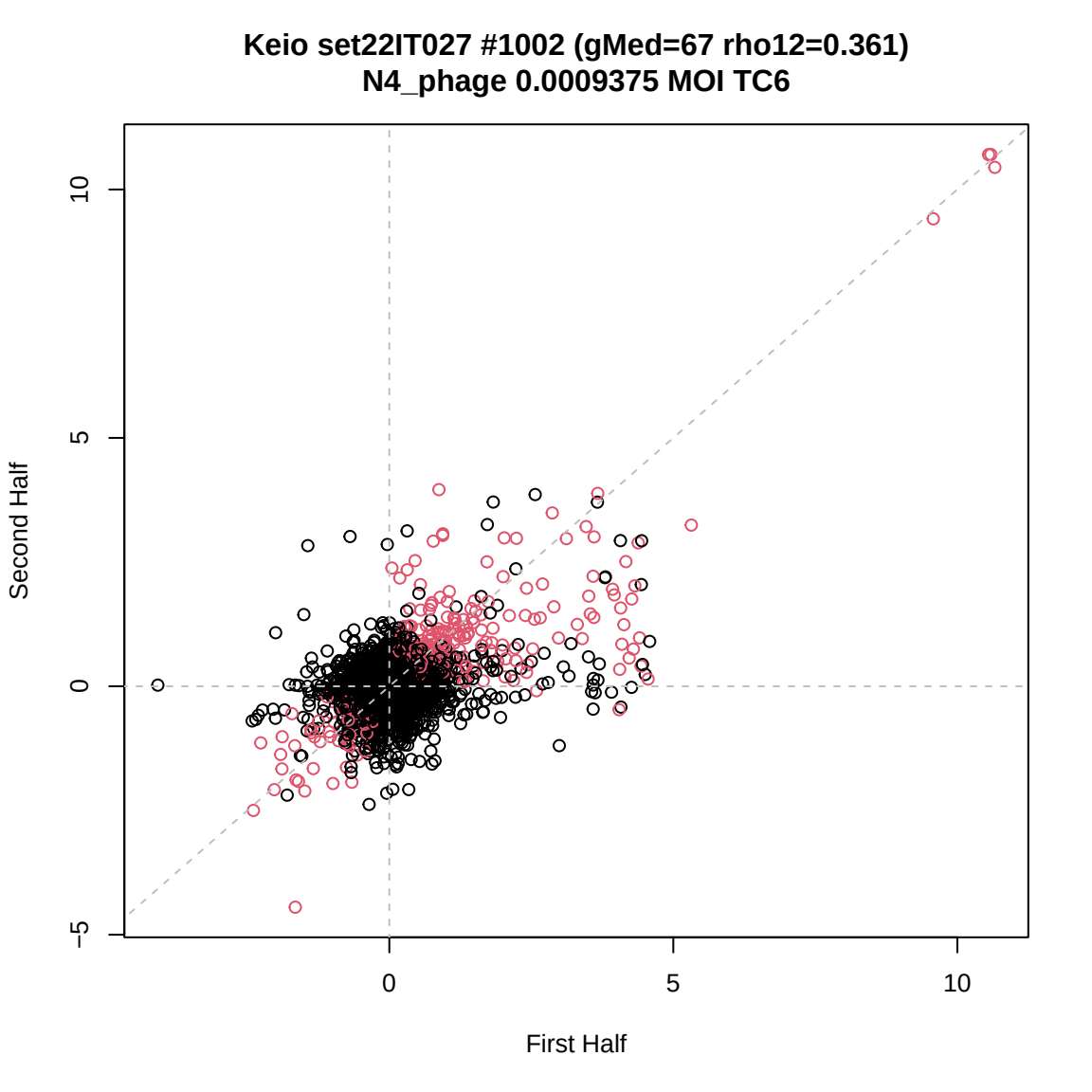

Keio set22IT022 #997 (gMed=15 rho12=0.415)
N4_phage 0.009375 MOI TC5
Second Half
First Half
0
5
10
0
5
10

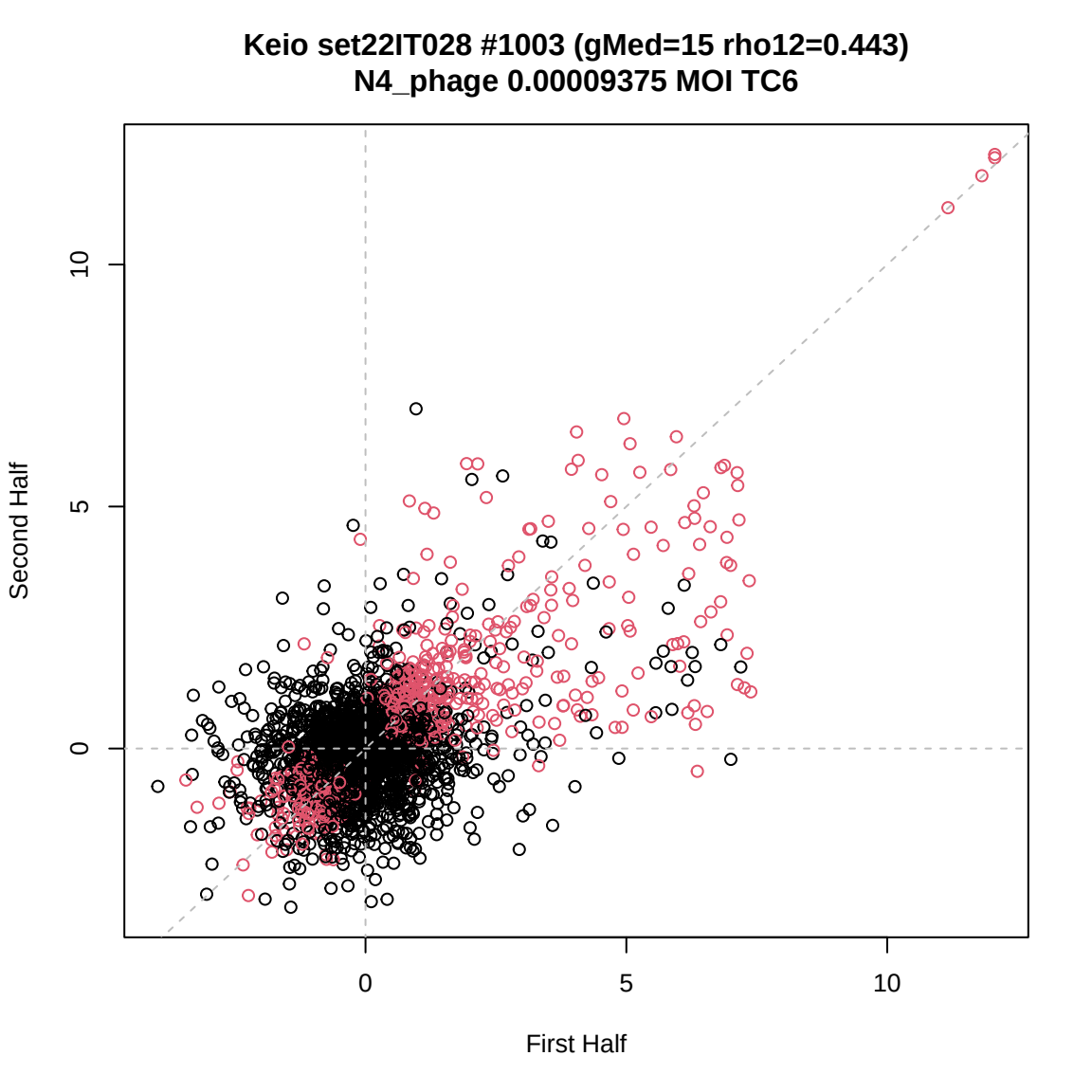

Keio set22IT023 #998 (gMed=98 rho12=0.402)
N4_phage 0.0009375 MOI TC5
Second Half
First Half
−2
0
2
4
6
8

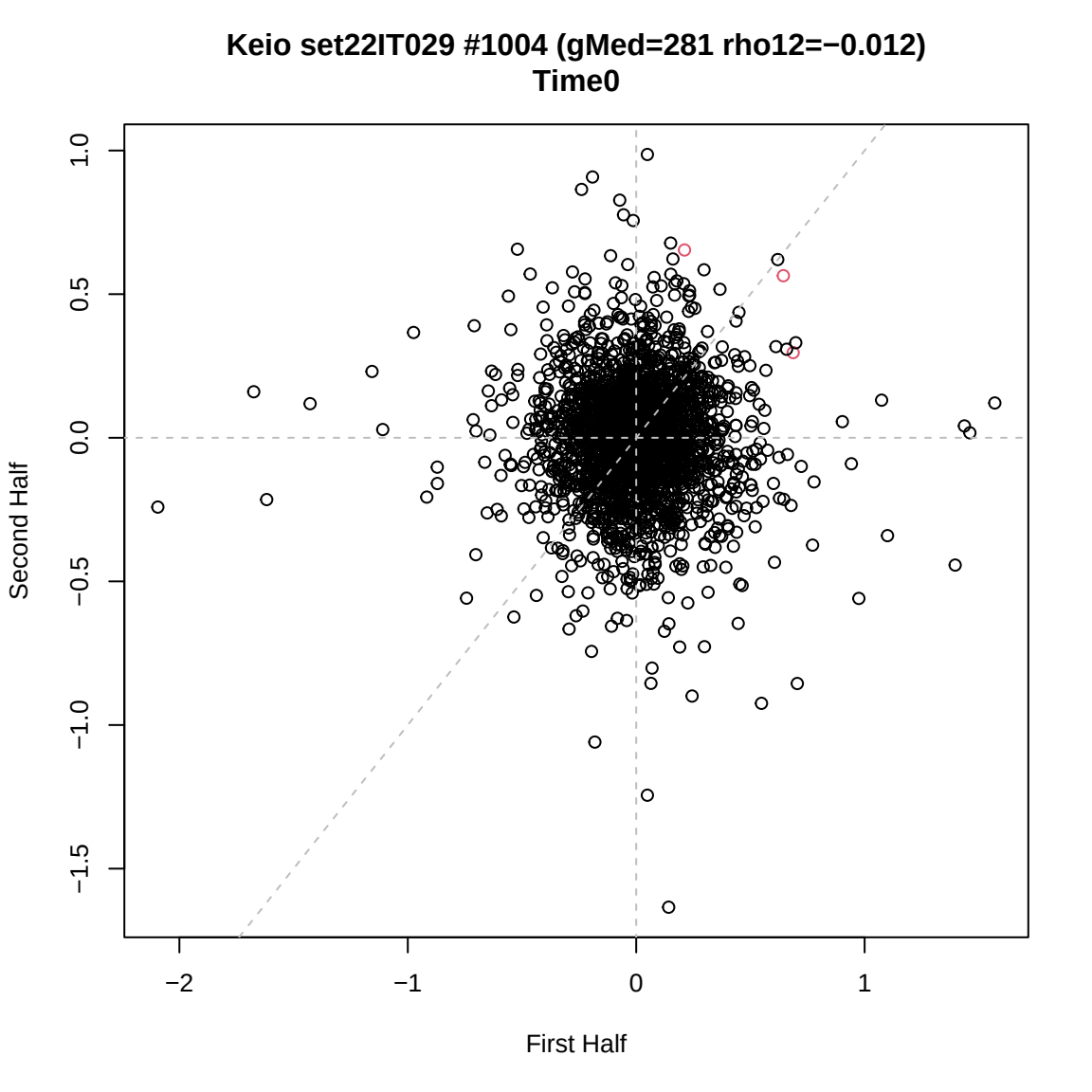

Keio set22IT024 #999 (gMed=163 rho12=0.195)
N4_phage 0.00009375 MOI TC5
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

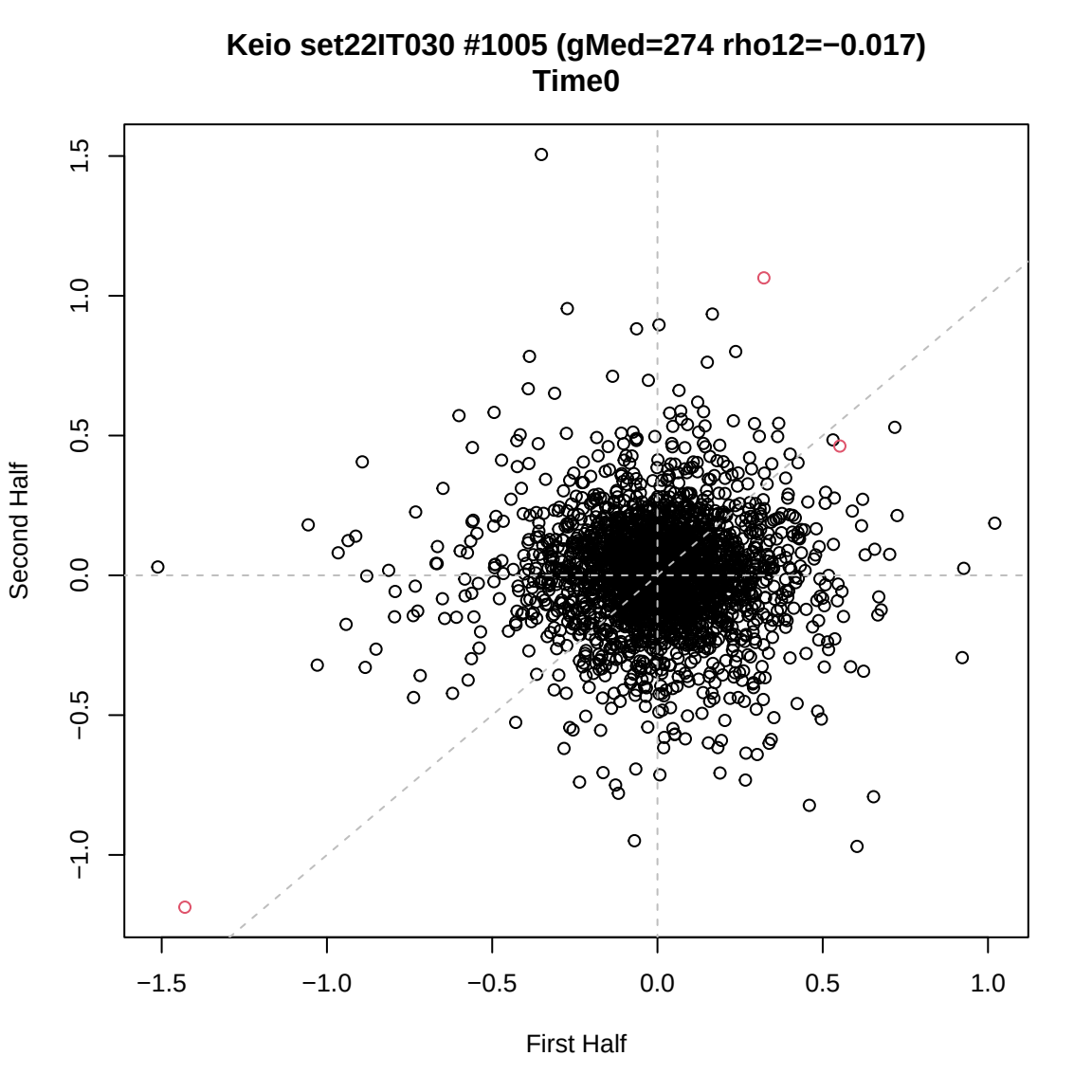

Keio set22IT025 #1000 (gMed=1 rho12=0.431)
N4_phage 0.09375 MOI TC6
Second Half
First Half
0
5
10
0
5
10

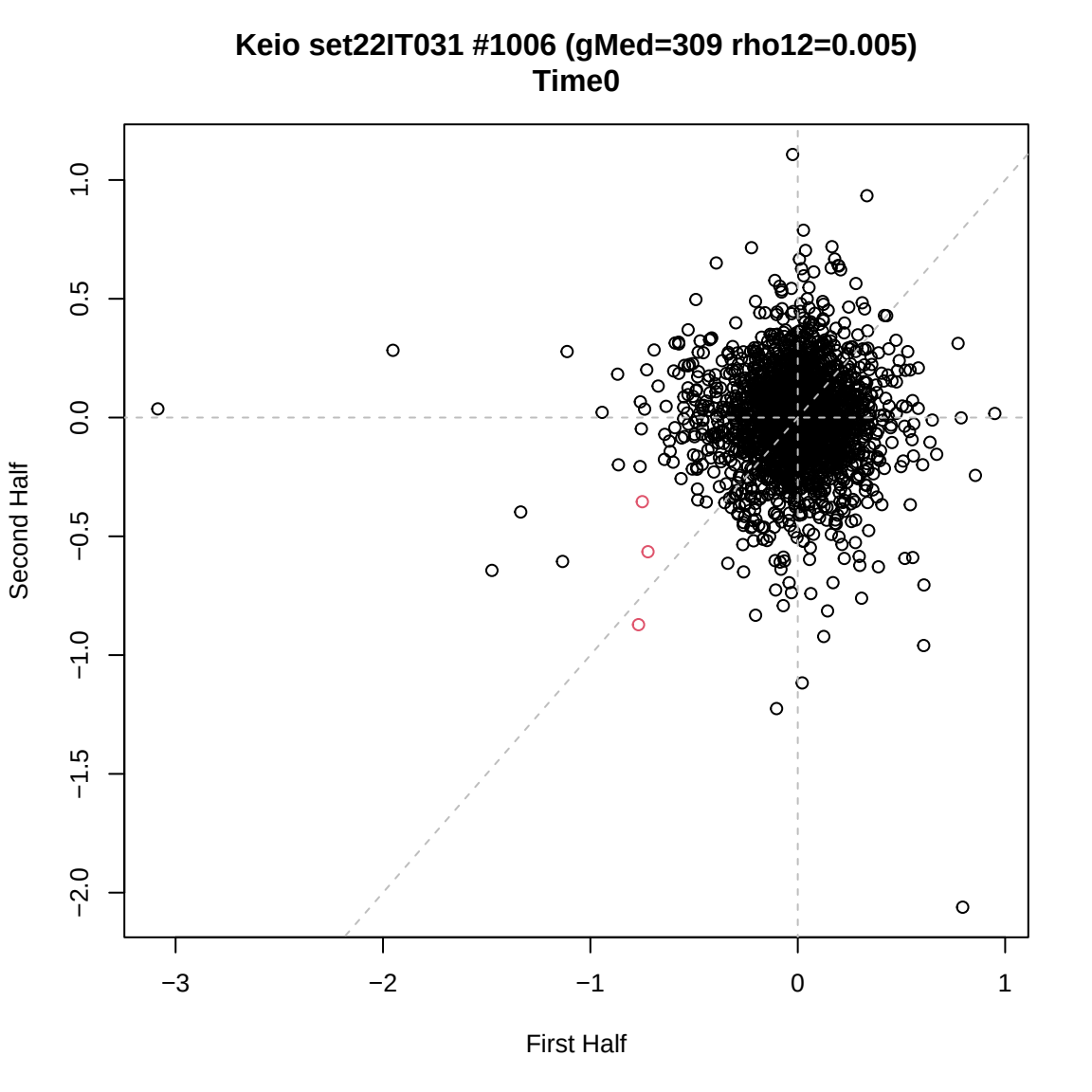

Keio set22IT026 #1001 (gMed=3 rho12=0.399)
N4_phage 0.009375 MOI TC6
Second Half
First Half
0
5
10
0
5
10

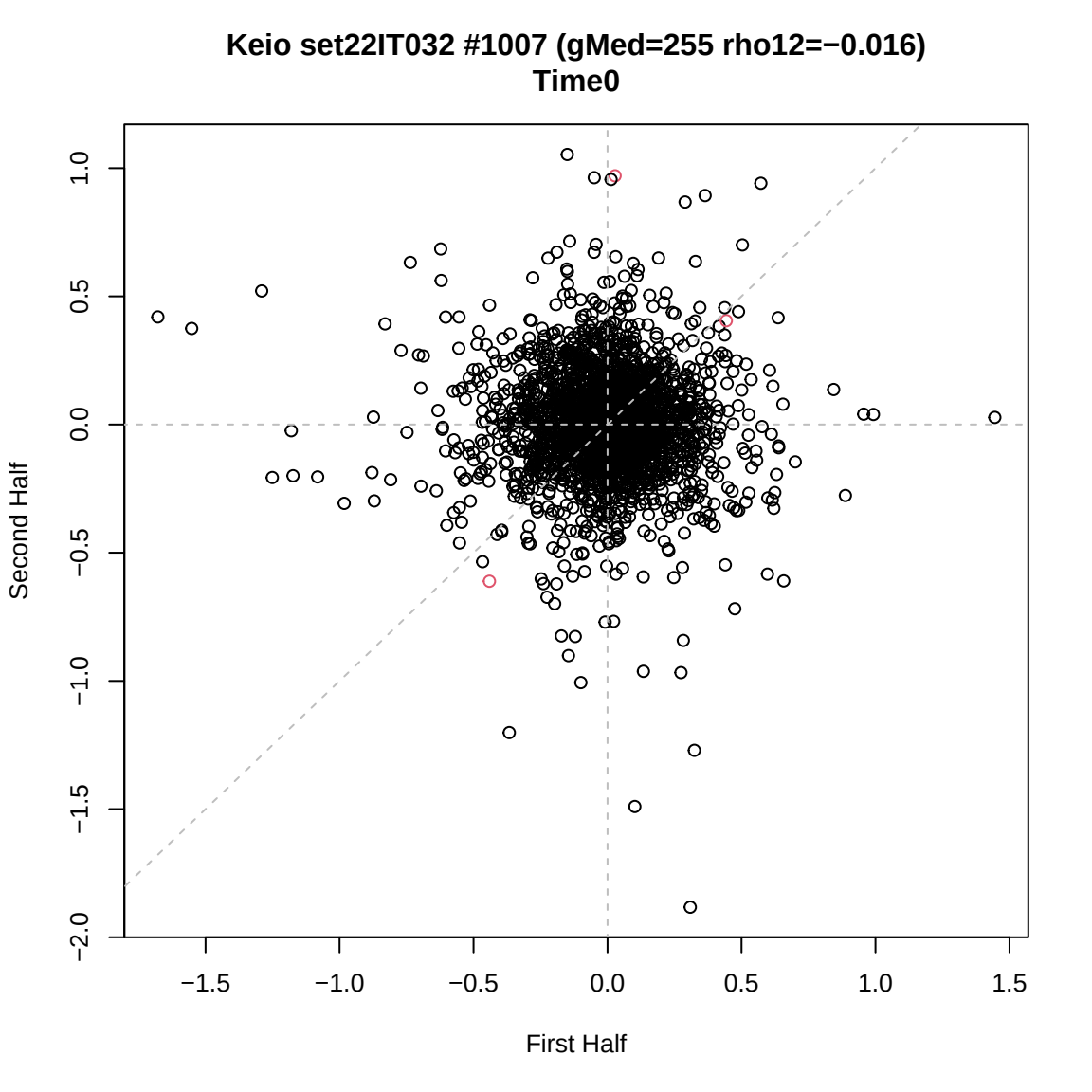

Keio set22IT027 #1002 (gMed=67 rho12=0.361)
N4_phage 0.0009375 MOI TC6
Second Half
First Half
10
5
0
−5
0
5
10

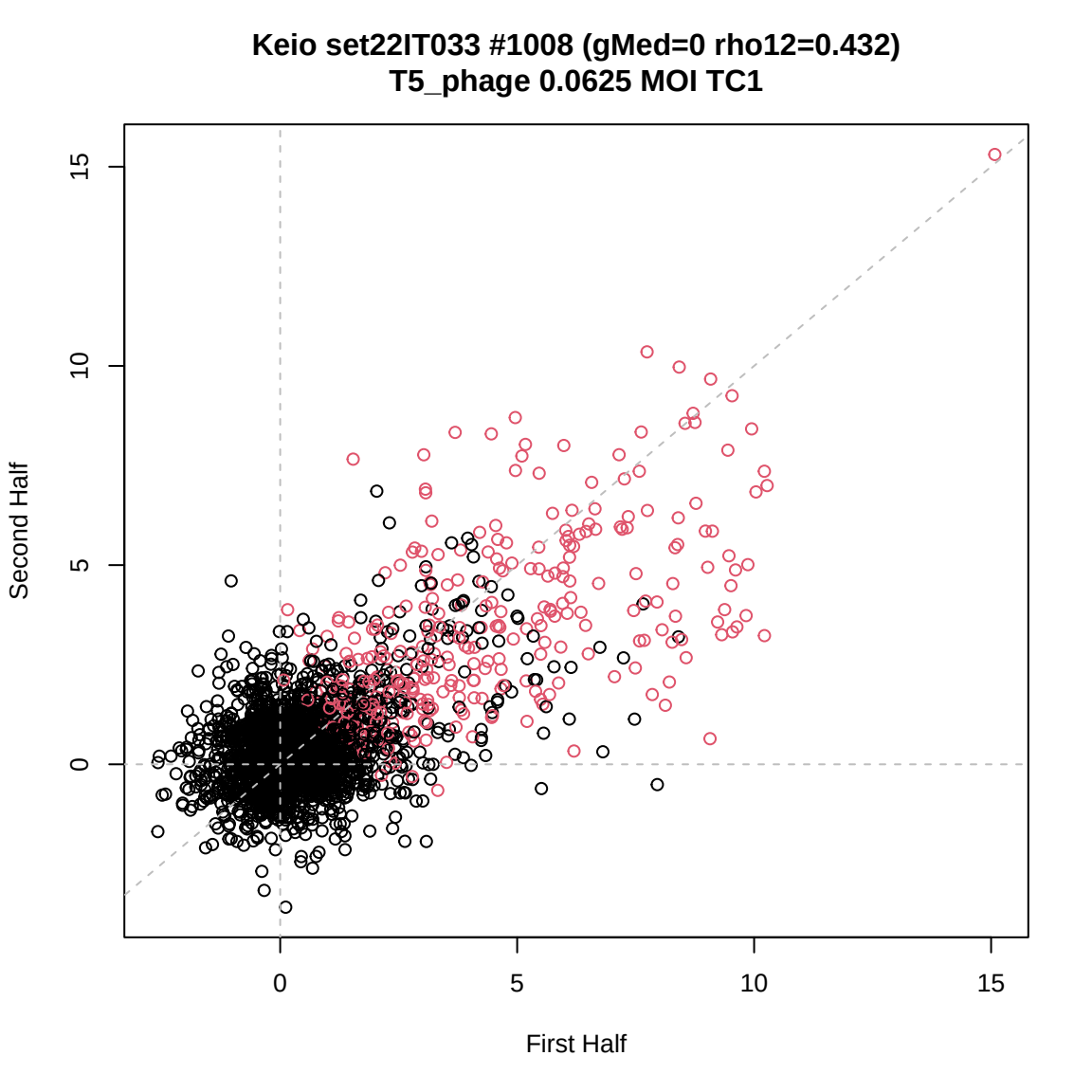

Keio set22IT028 #1003 (gMed=15 rho12=0.443)
N4_phage 0.00009375 MOI TC6
Second Half
First Half
0
5
10
0
5
10

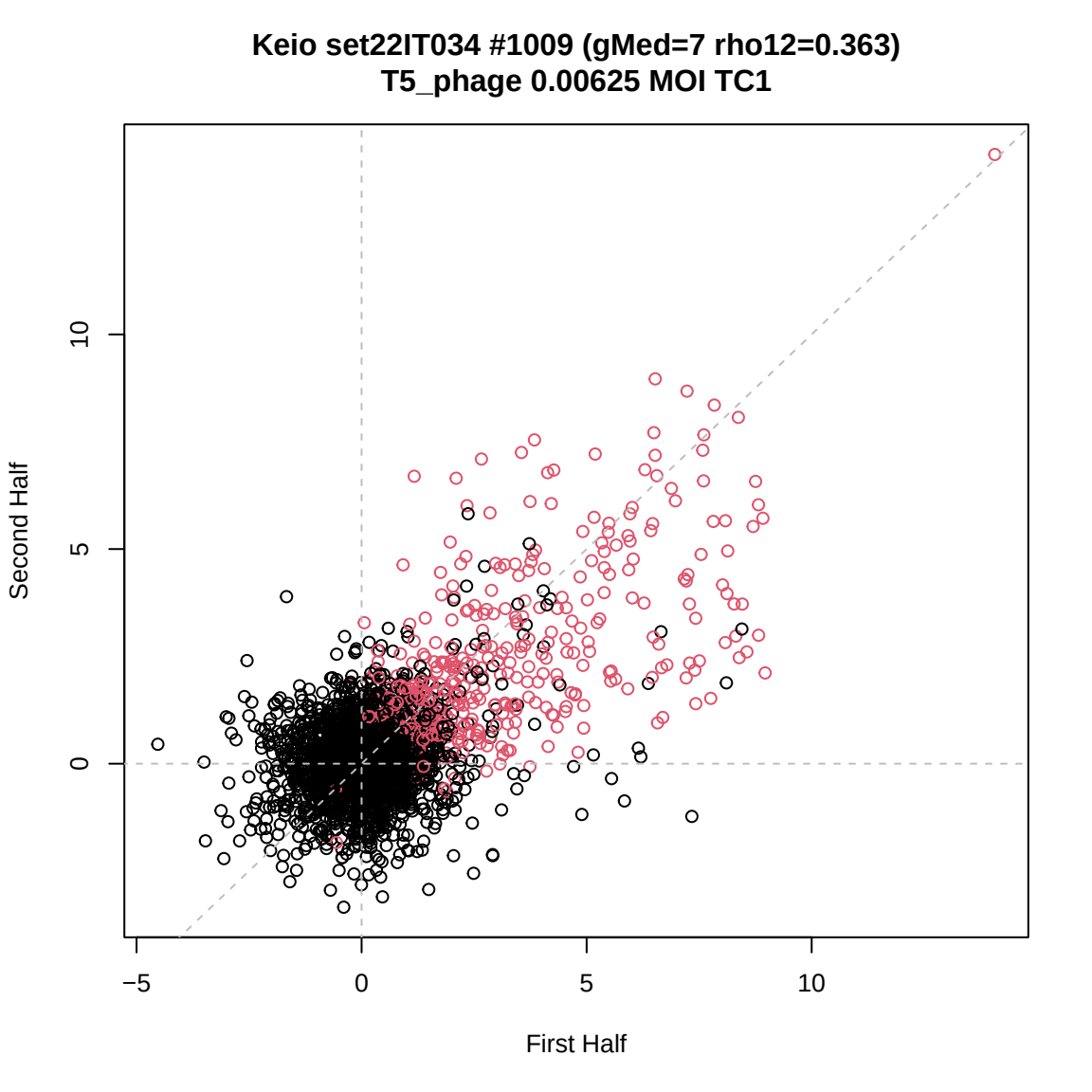

Keio set22IT029 #1004 (gMed=281 rho12=−0.012)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

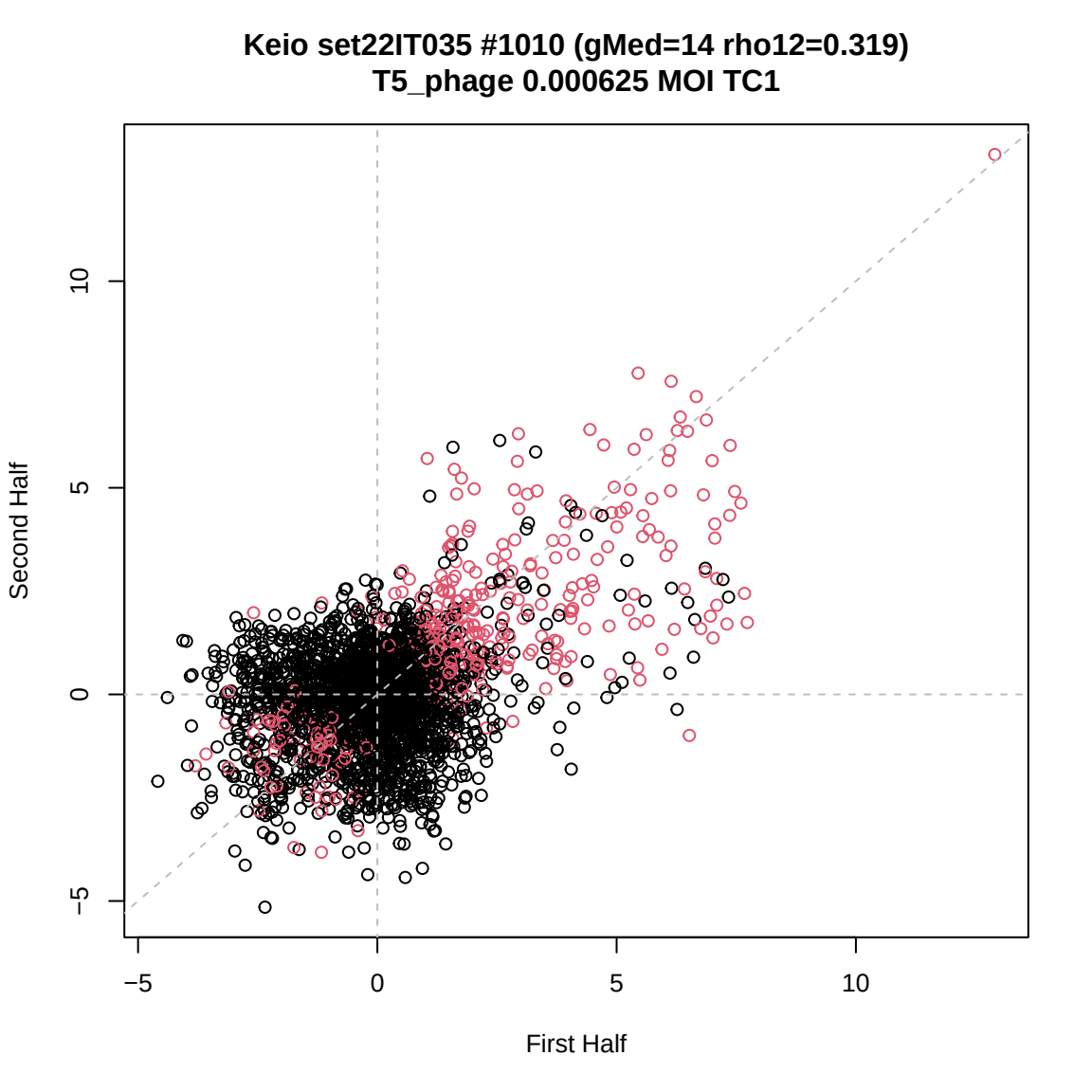

Keio set22IT030 #1005 (gMed=274 rho12=−0.017)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

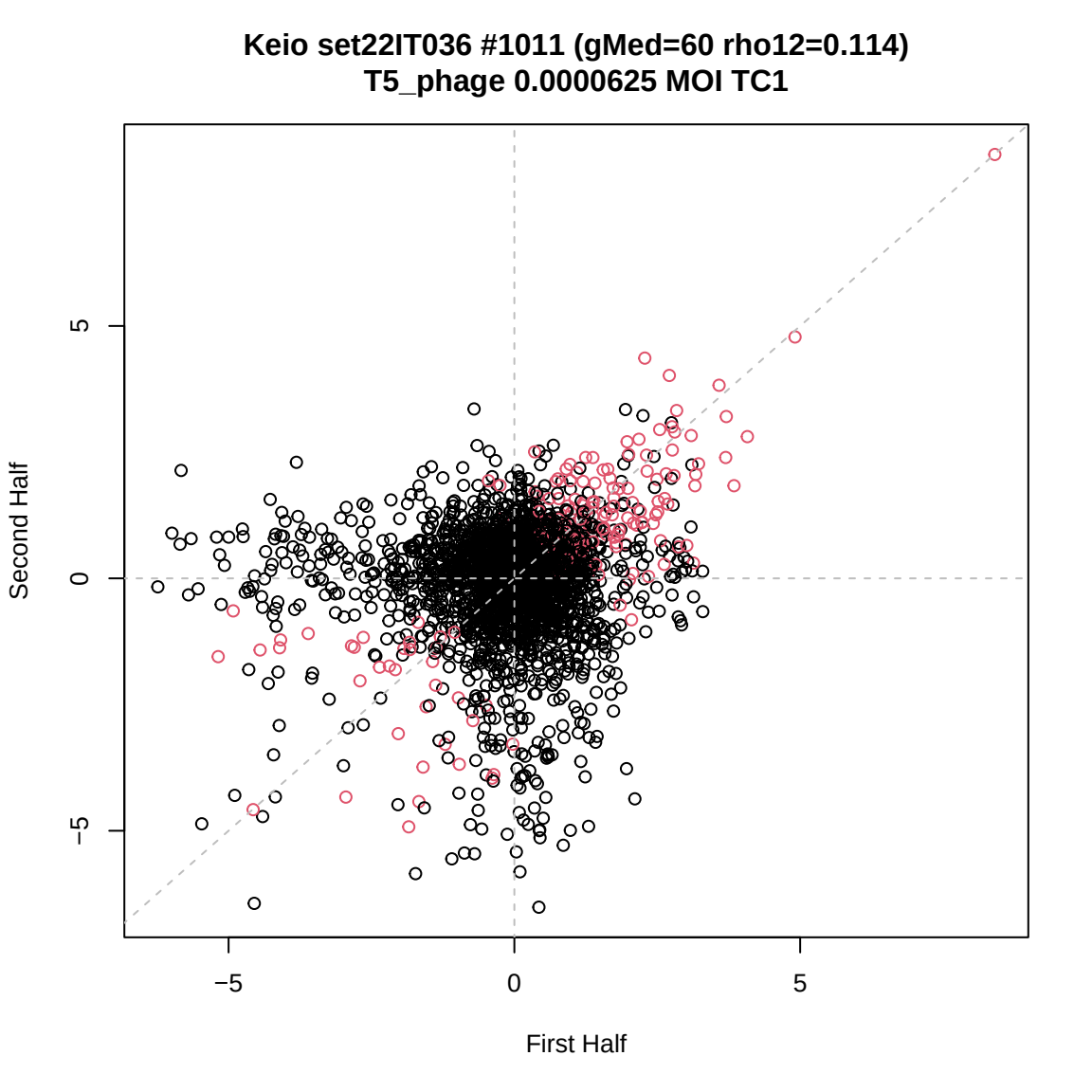

Keio set22IT031 #1006 (gMed=309 rho12=0.005)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1

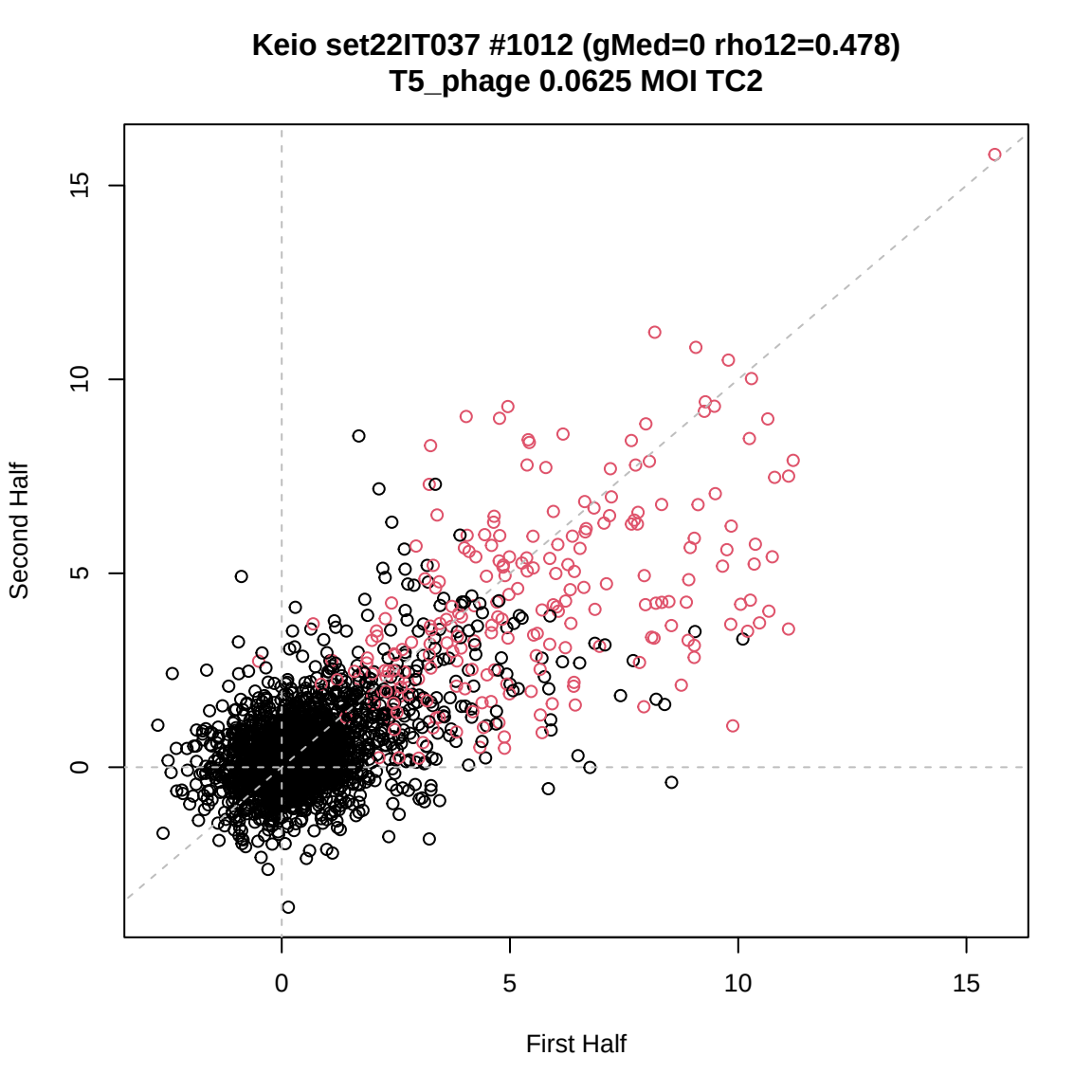

Keio set22IT032 #1007 (gMed=255 rho12=−0.016)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

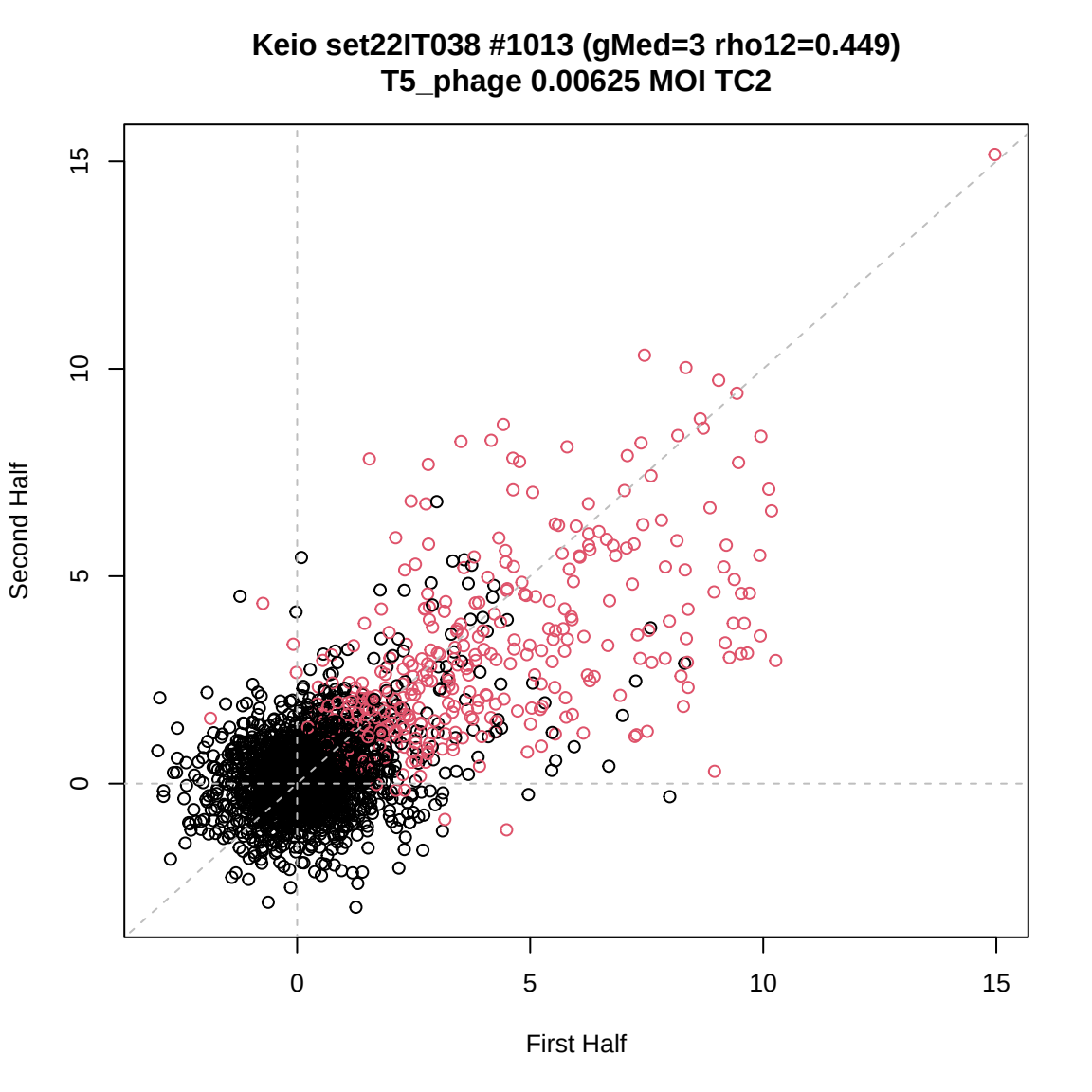

Keio set22IT033 #1008 (gMed=0 rho12=0.432)
T5_phage 0.0625 MOI TC1
Second Half
First Half
0
5
10
15

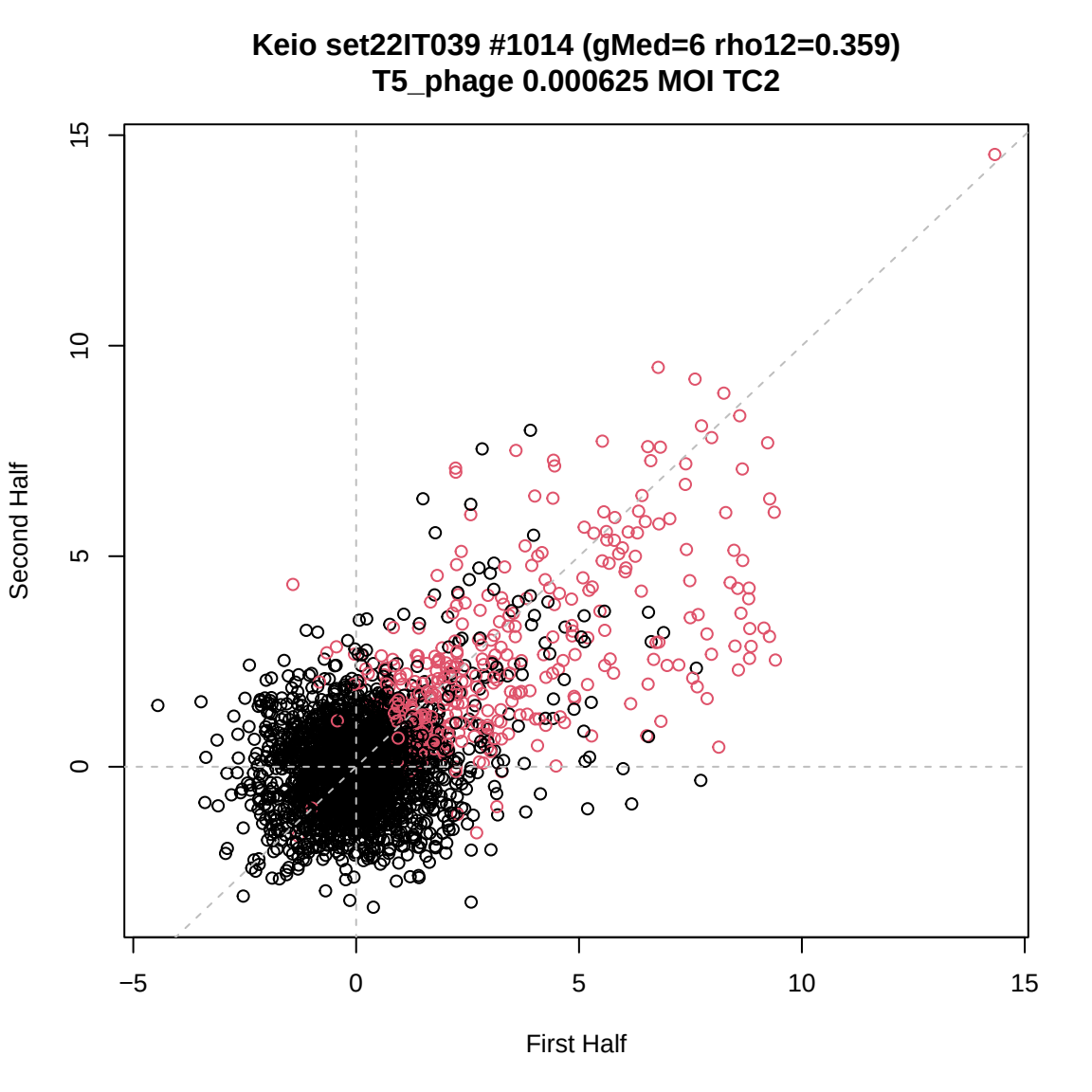

Keio set22IT034 #1009 (gMed=7 rho12=0.363)
T5_phage 0.00625 MOI TC1
Second Half
First Half
−5
0
5
10
0
5
10

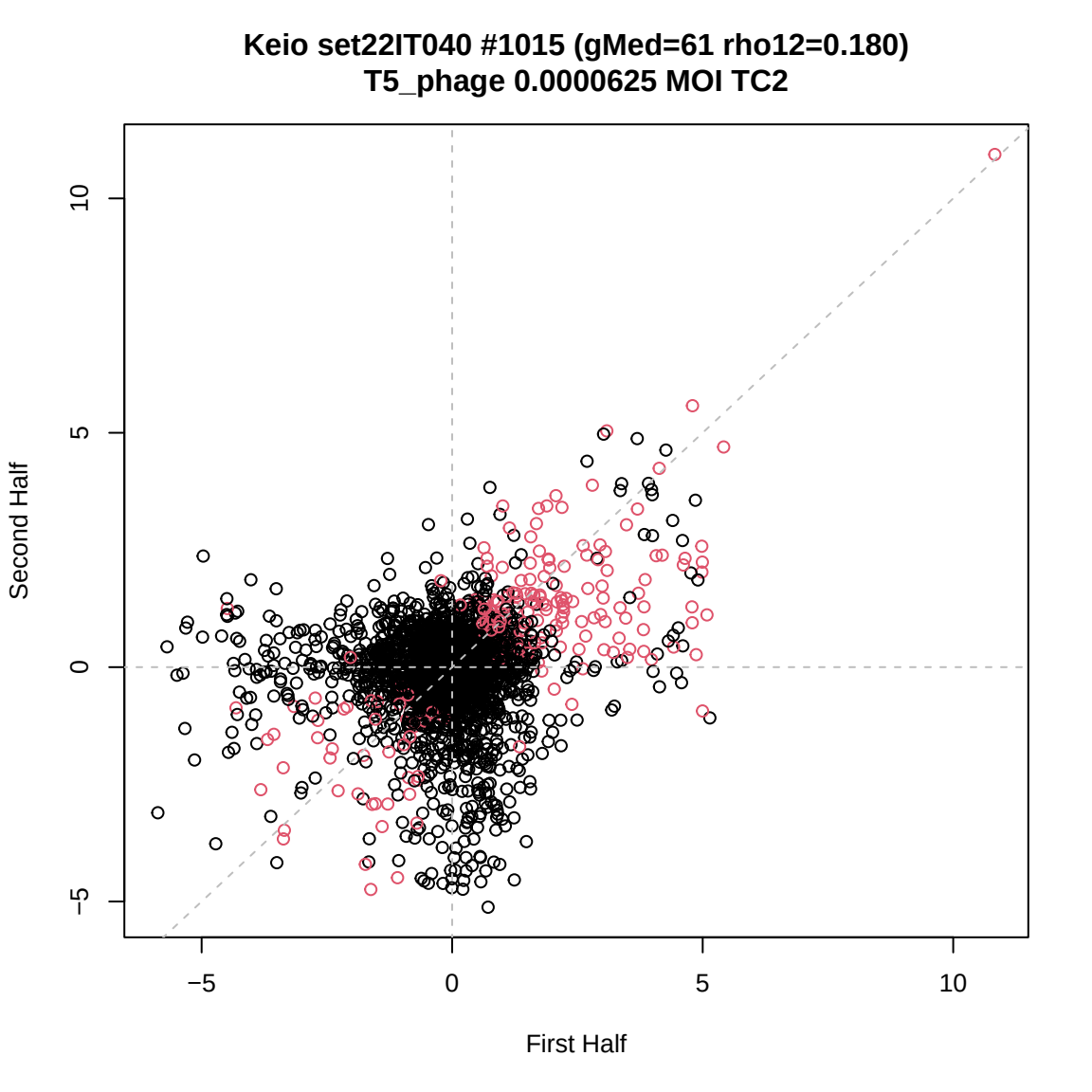

Keio set22IT035 #1010 (gMed=14 rho12=0.319)
T5_phage 0.000625 MOI TC1
Second Half
First Half
−5
0
5
10

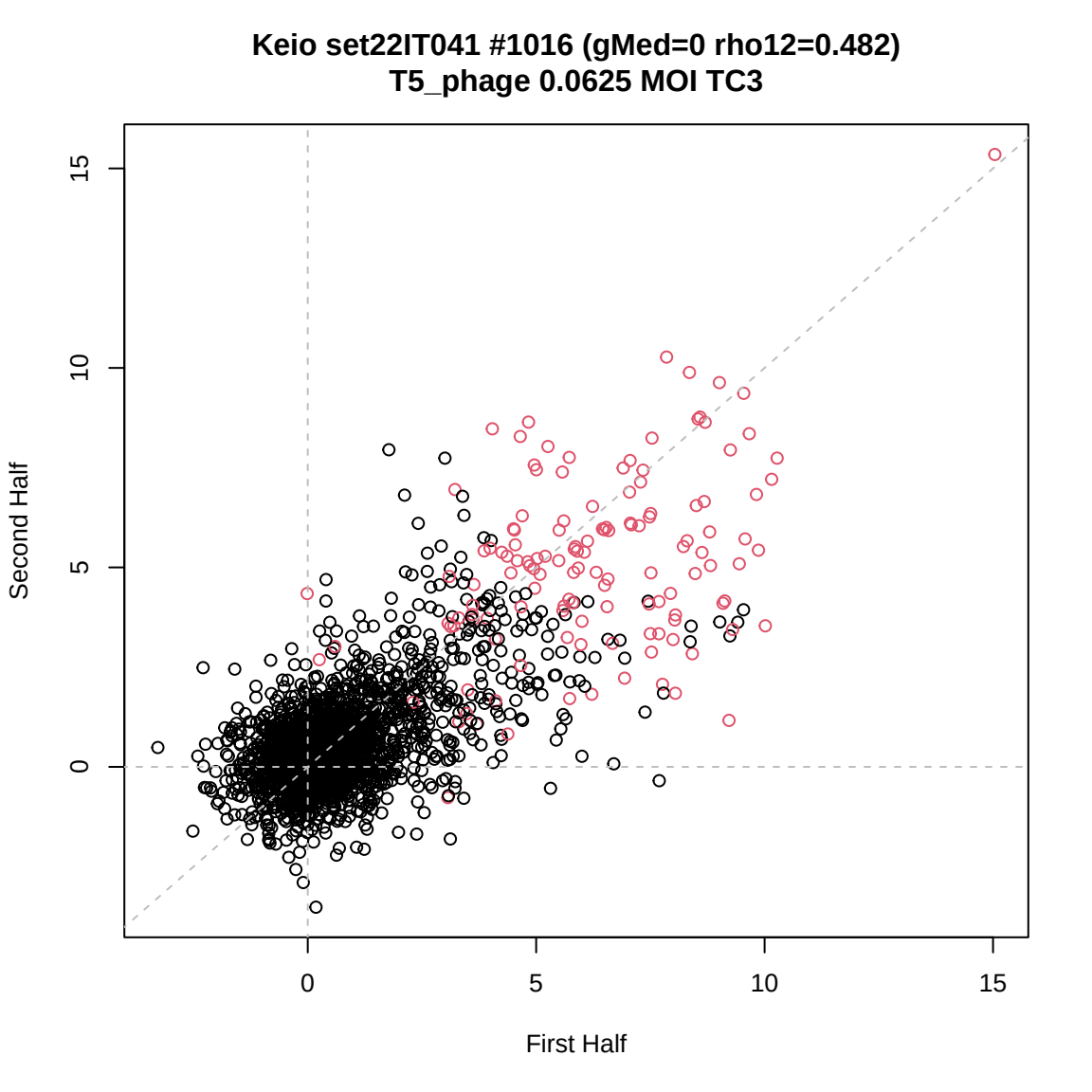

Keio set22IT036 #1011 (gMed=60 rho12=0.114)
T5_phage 0.0000625 MOI TC1
Second Half
First Half
5
0
−5
−5
0
5

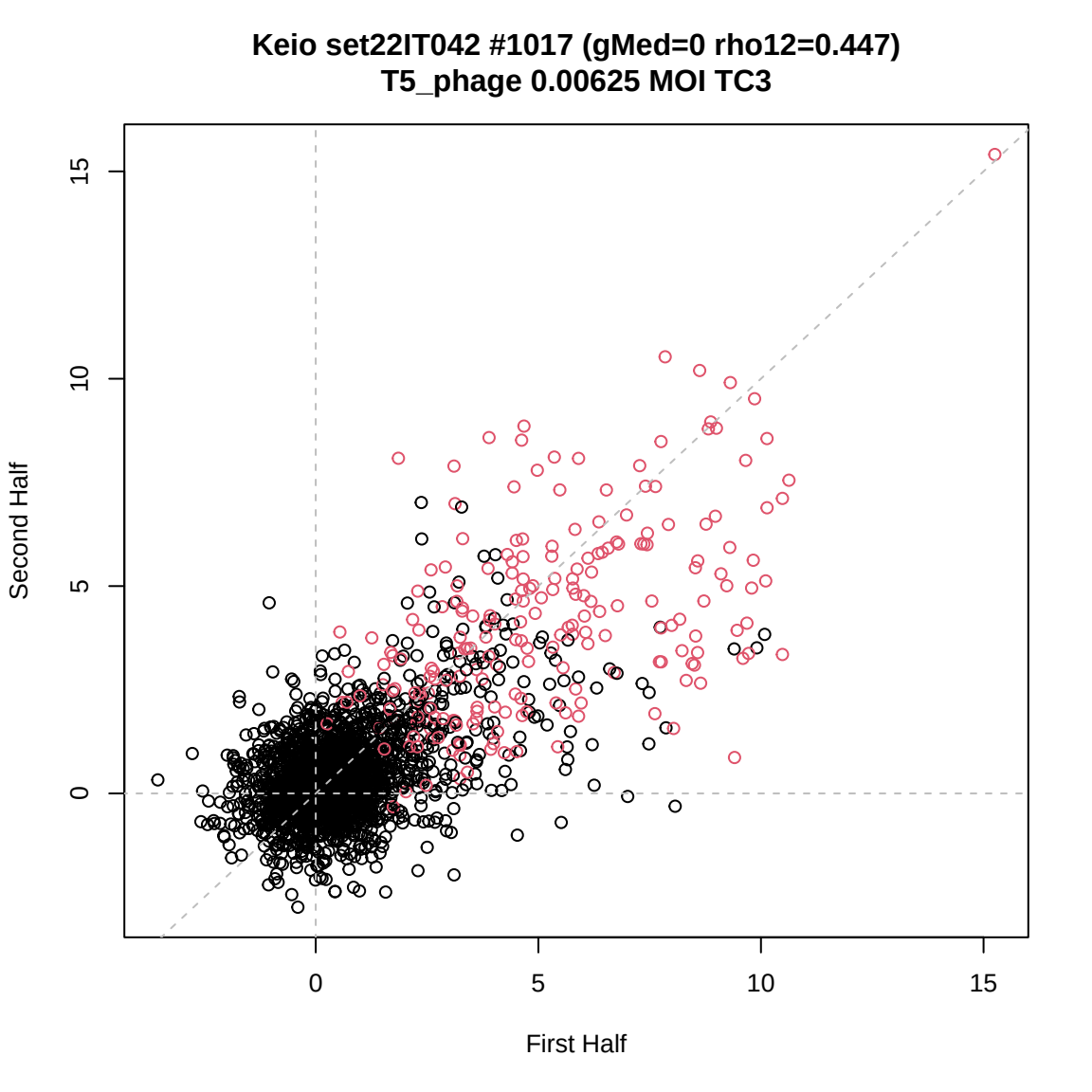

Keio set22IT037 #1012 (gMed=0 rho12=0.478)
T5_phage 0.0625 MOI TC2
Second Half
First Half
0
5
10
15

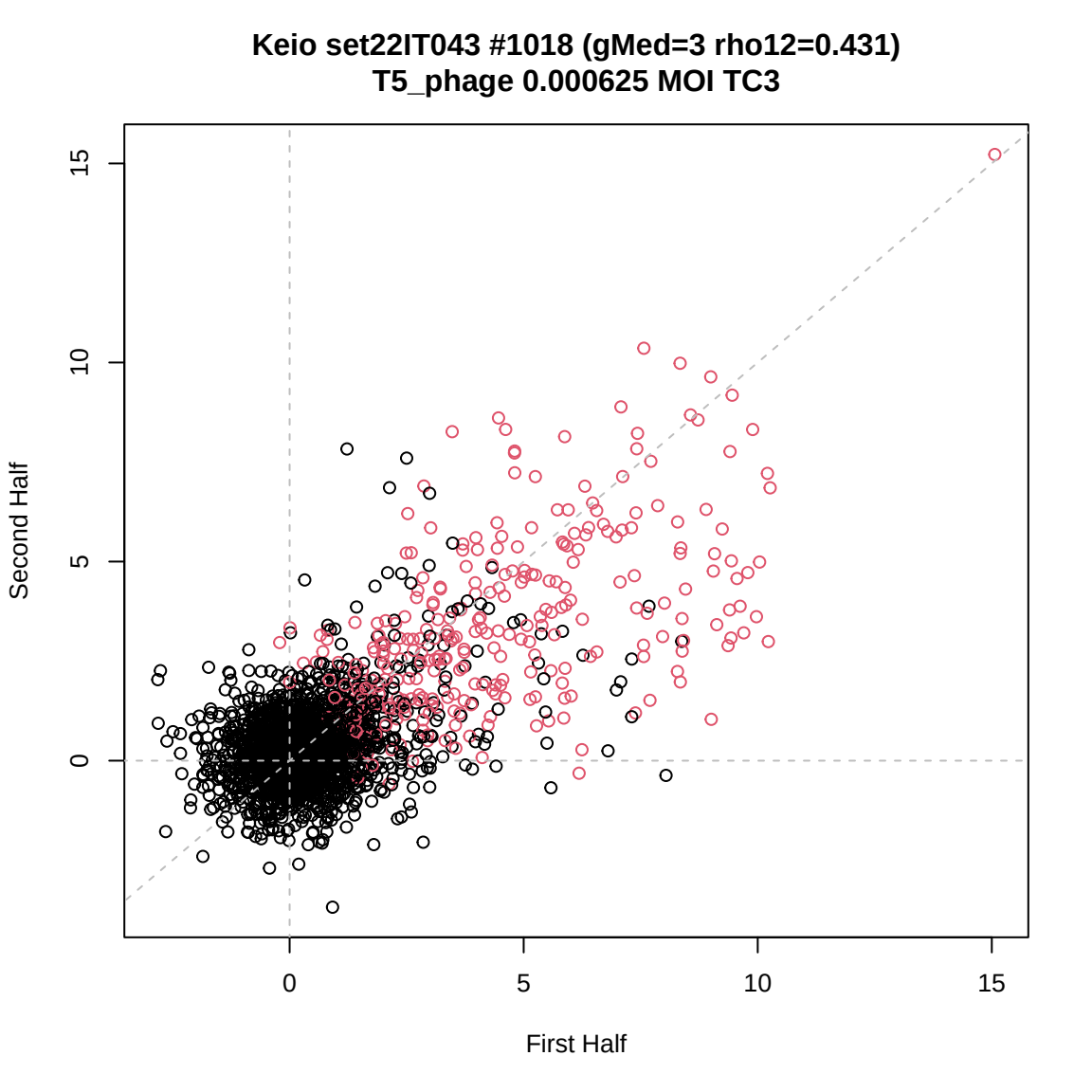

Keio set22IT038 #1013 (gMed=3 rho12=0.449)
T5_phage 0.00625 MOI TC2
Second Half
First Half
0
5
10
15

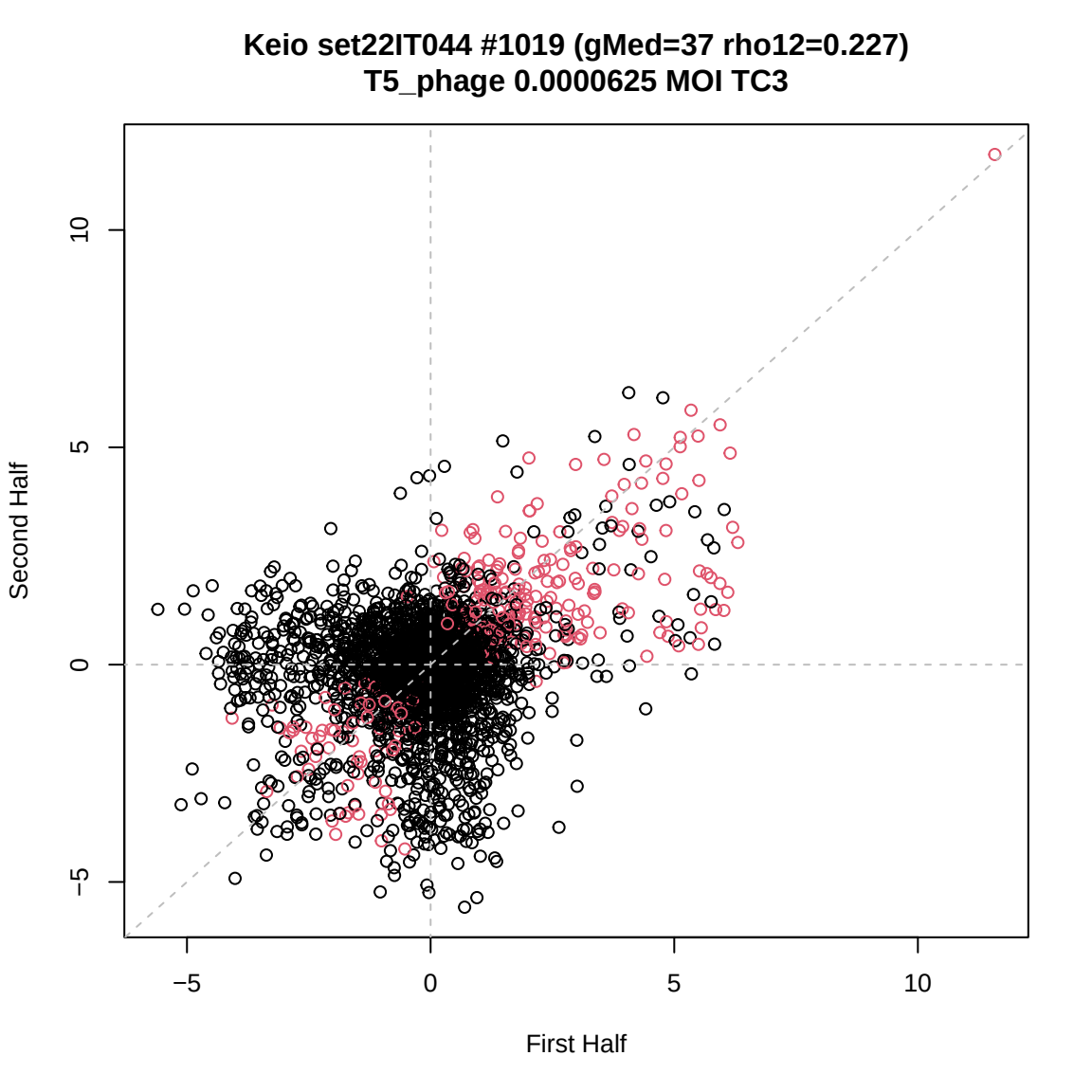

Keio set22IT039 #1014 (gMed=6 rho12=0.359)
T5_phage 0.000625 MOI TC2
Second Half
First Half
15
10
5
0
−5
0
5
10
15

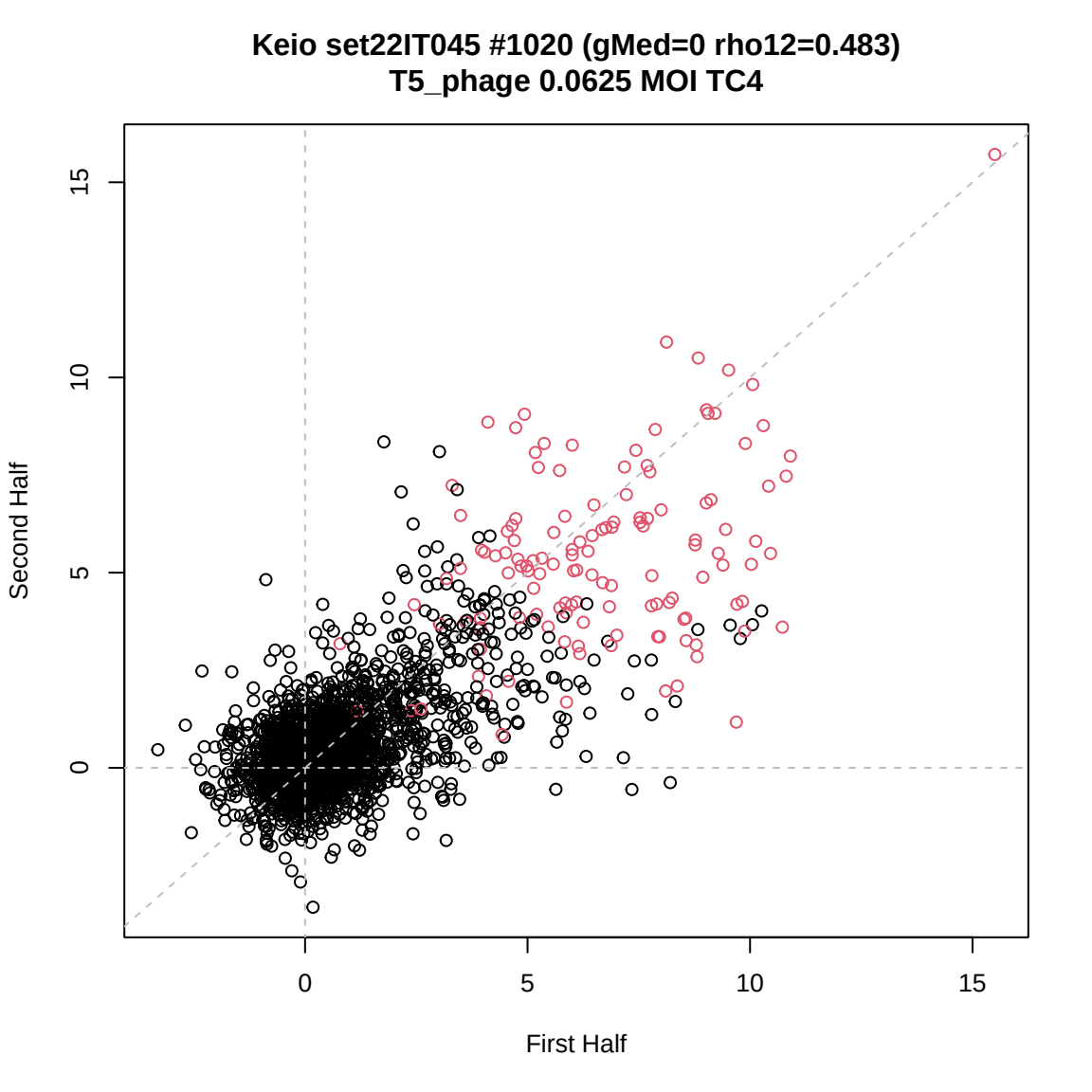

Keio set22IT040 #1015 (gMed=61 rho12=0.180)
T5_phage 0.0000625 MOI TC2
Second Half
First Half
10
5
0
−5
−5
0
5
10

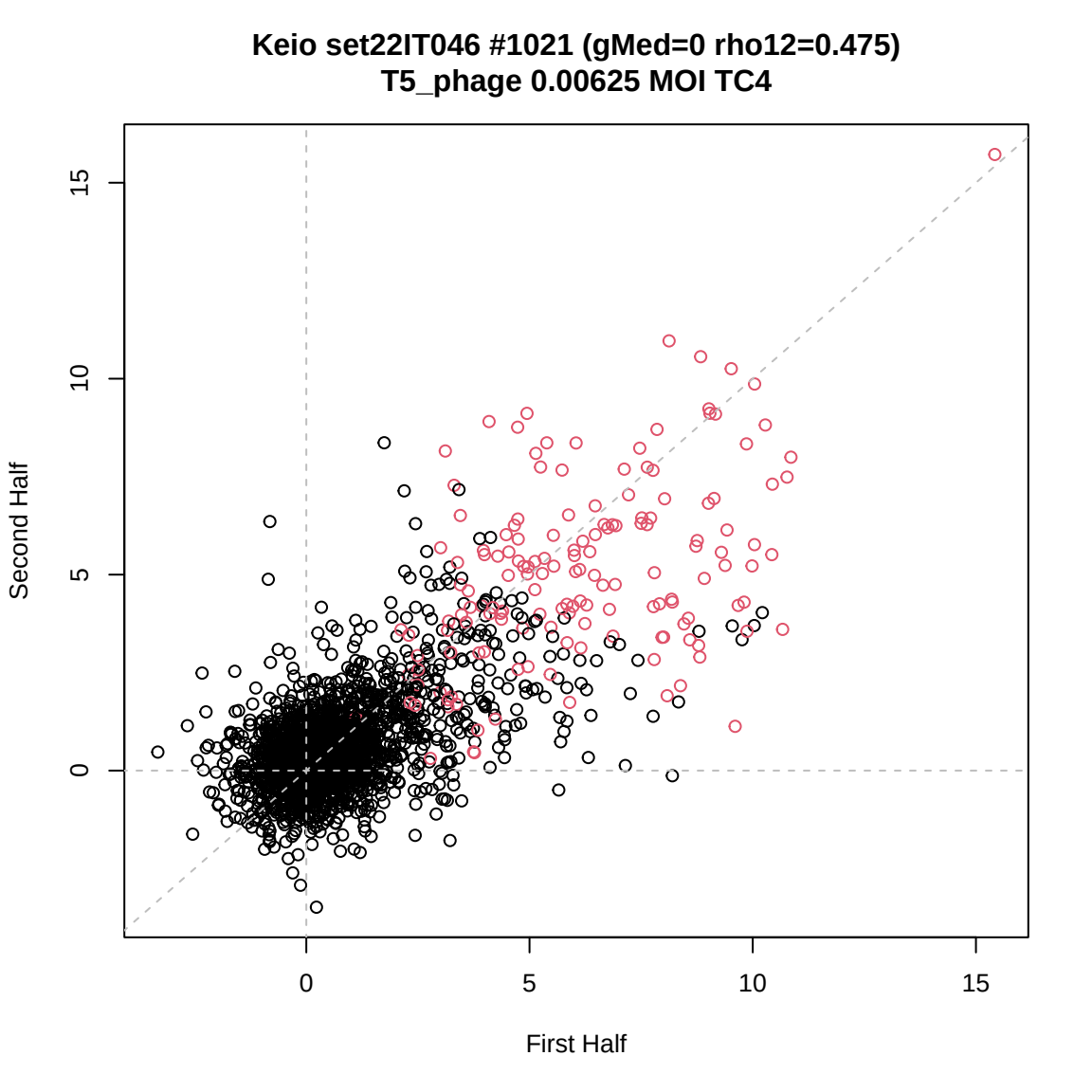

Keio set22IT041 #1016 (gMed=0 rho12=0.482)
T5_phage 0.0625 MOI TC3
Second Half
First Half
0
5
10
15

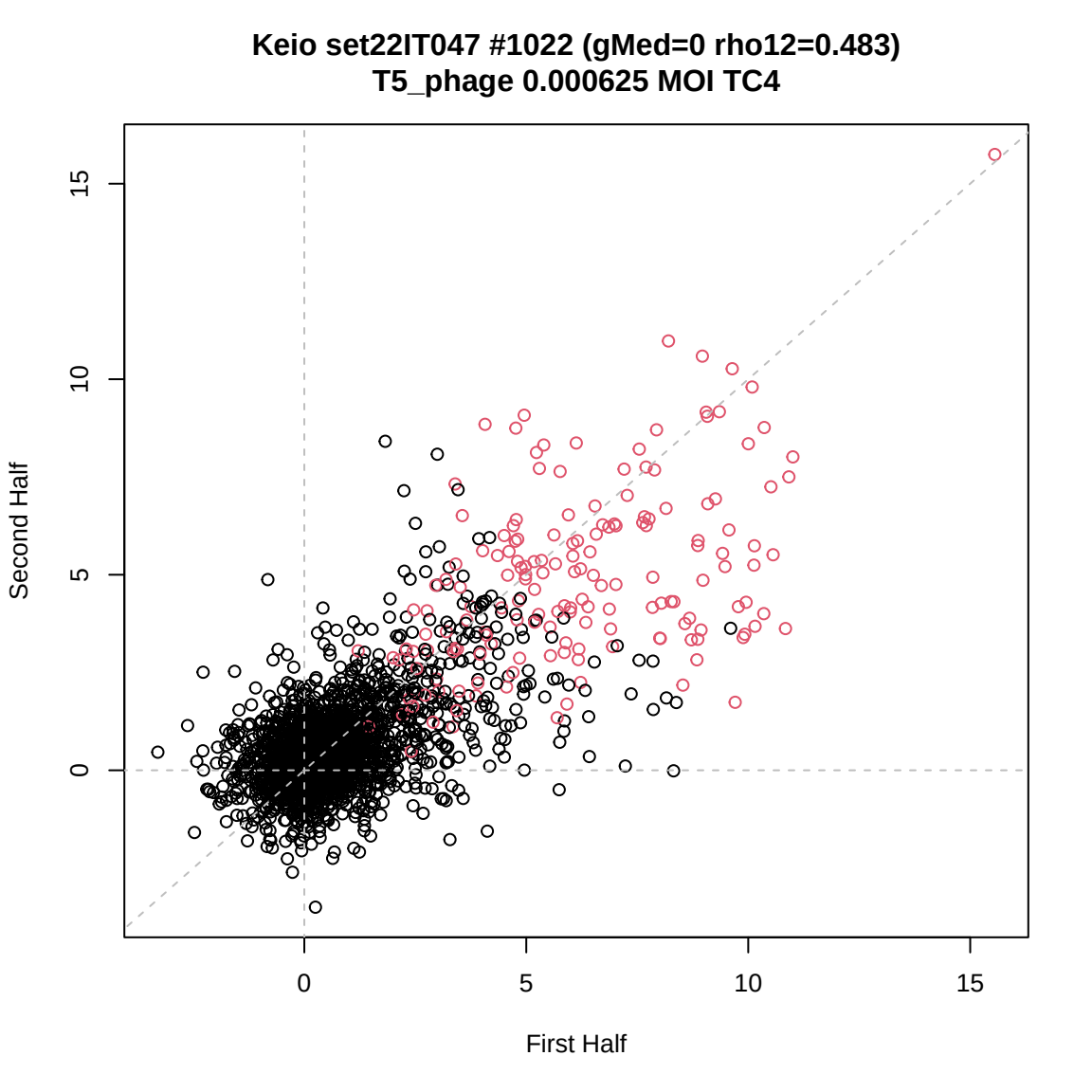

Keio set22IT042 #1017 (gMed=0 rho12=0.447)
T5_phage 0.00625 MOI TC3
Second Half
First Half
0
5
10
15

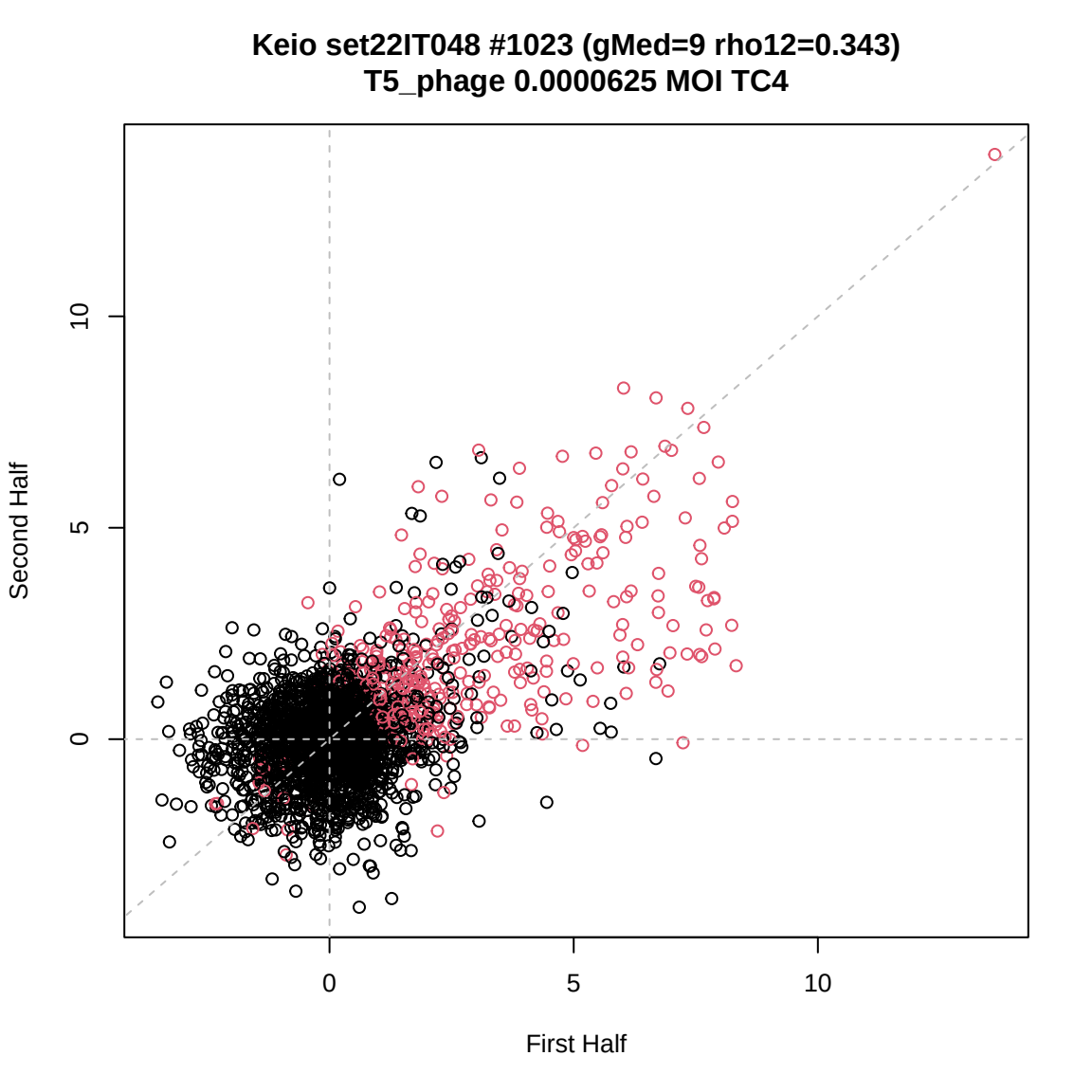

Keio set22IT043 #1018 (gMed=3 rho12=0.431)
T5_phage 0.000625 MOI TC3
Second Half
First Half
0
5
10
15

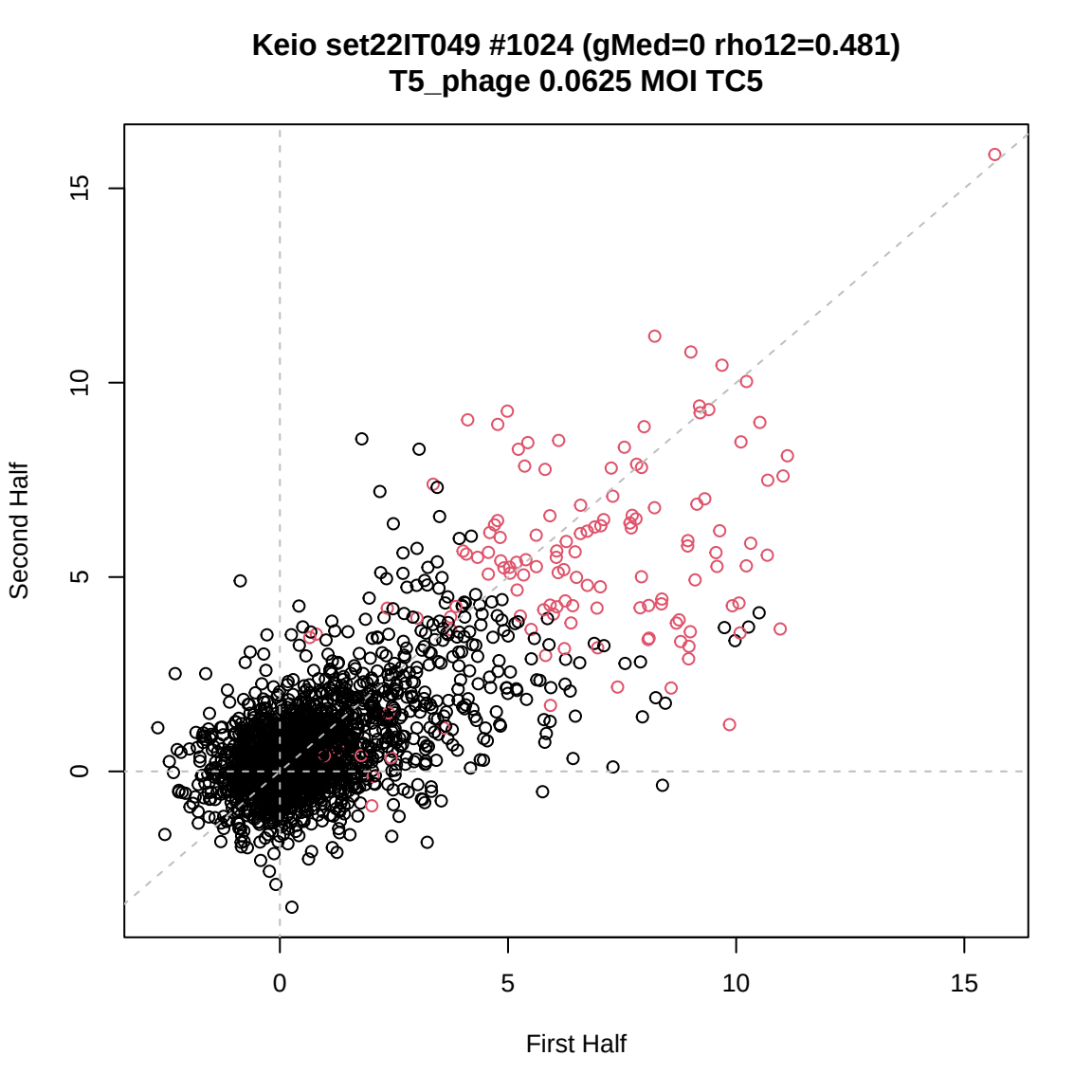

Keio set22IT044 #1019 (gMed=37 rho12=0.227)
T5_phage 0.0000625 MOI TC3
Second Half
First Half
−5
0
5
10

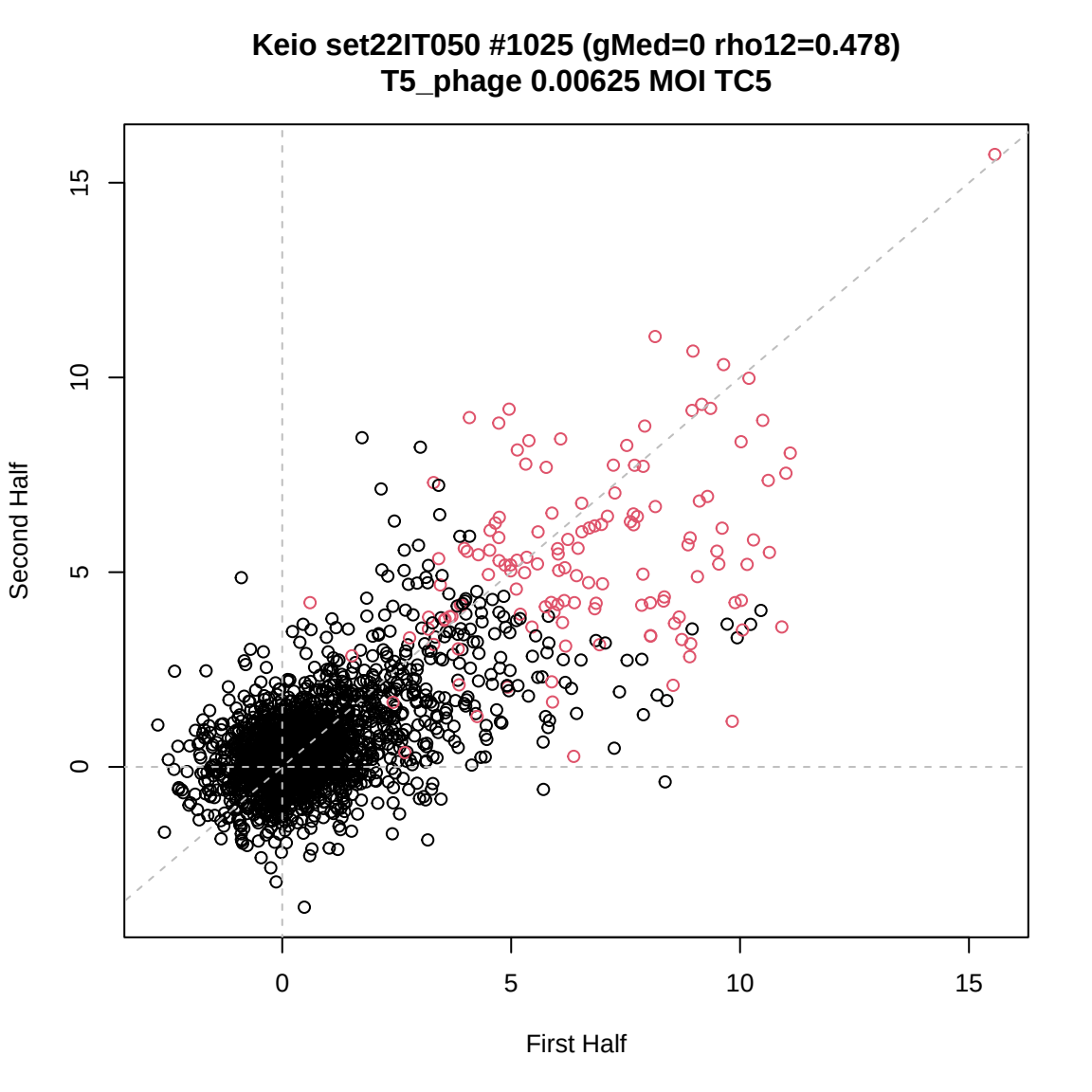

Keio set22IT045 #1020 (gMed=0 rho12=0.483)
T5_phage 0.0625 MOI TC4
Second Half
First Half
0
5
10
15

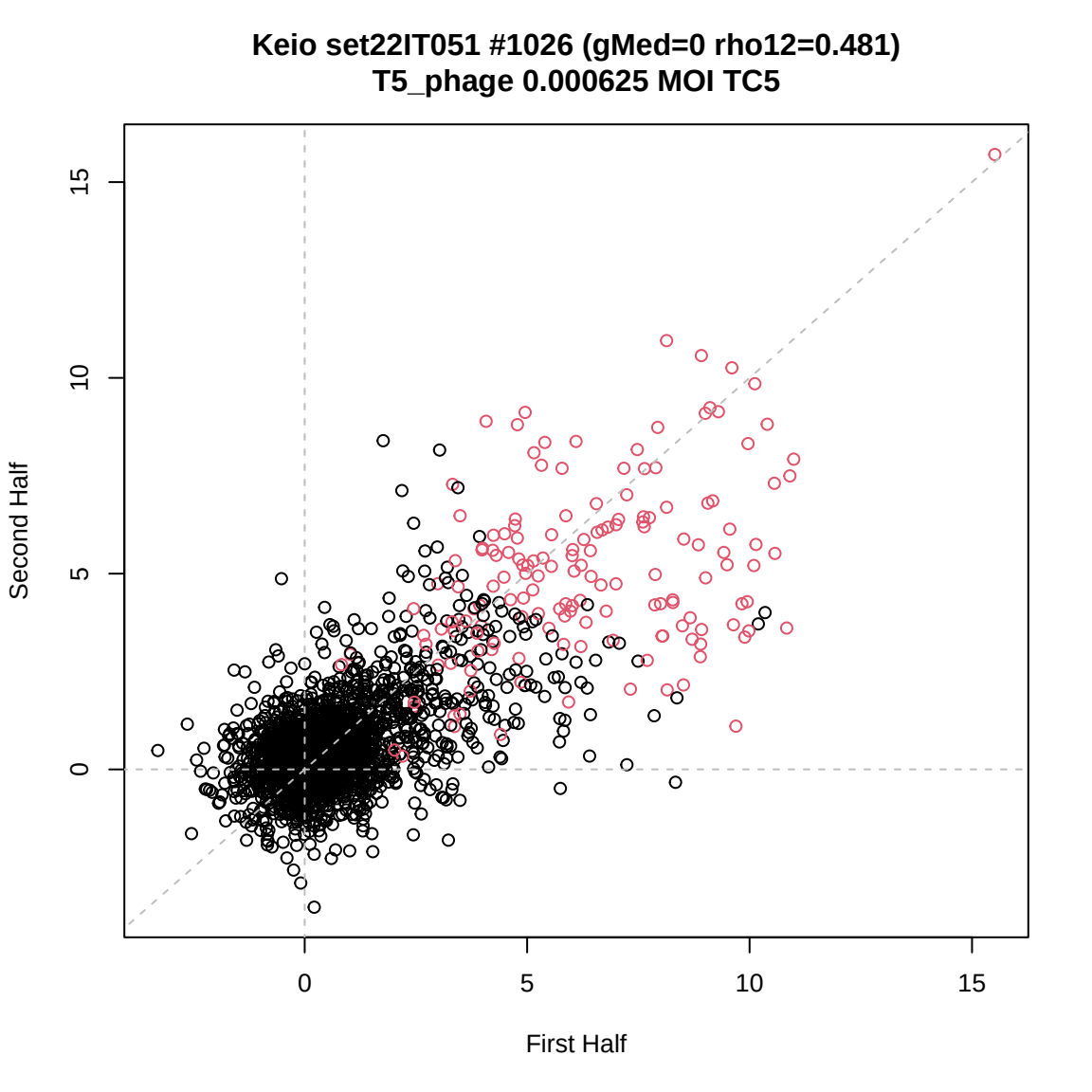

Keio set22IT046 #1021 (gMed=0 rho12=0.475)
T5_phage 0.00625 MOI TC4
Second Half
First Half
0
5
10
15

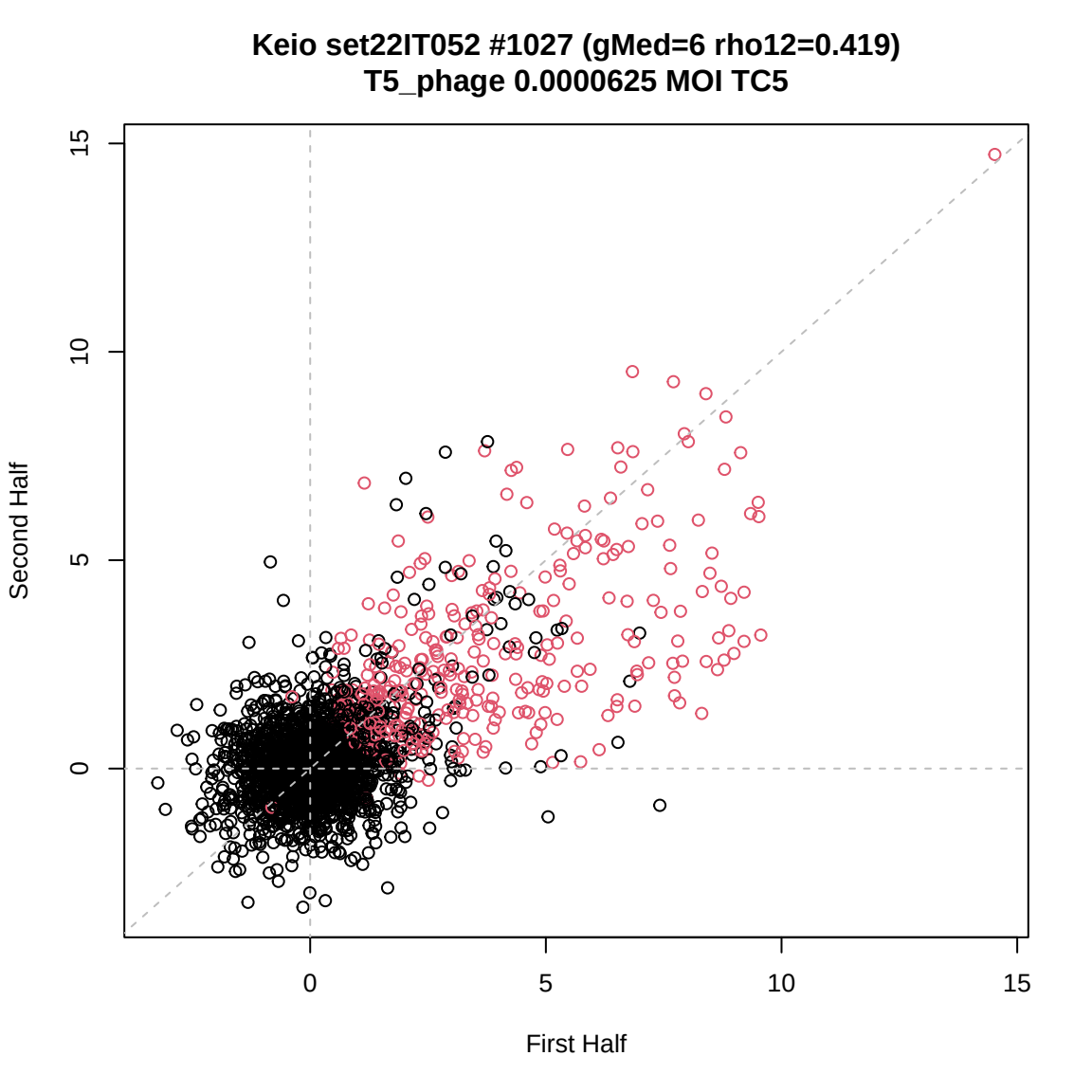

Keio set22IT047 #1022 (gMed=0 rho12=0.483)
T5_phage 0.000625 MOI TC4
Second Half
First Half
0
5
10
15

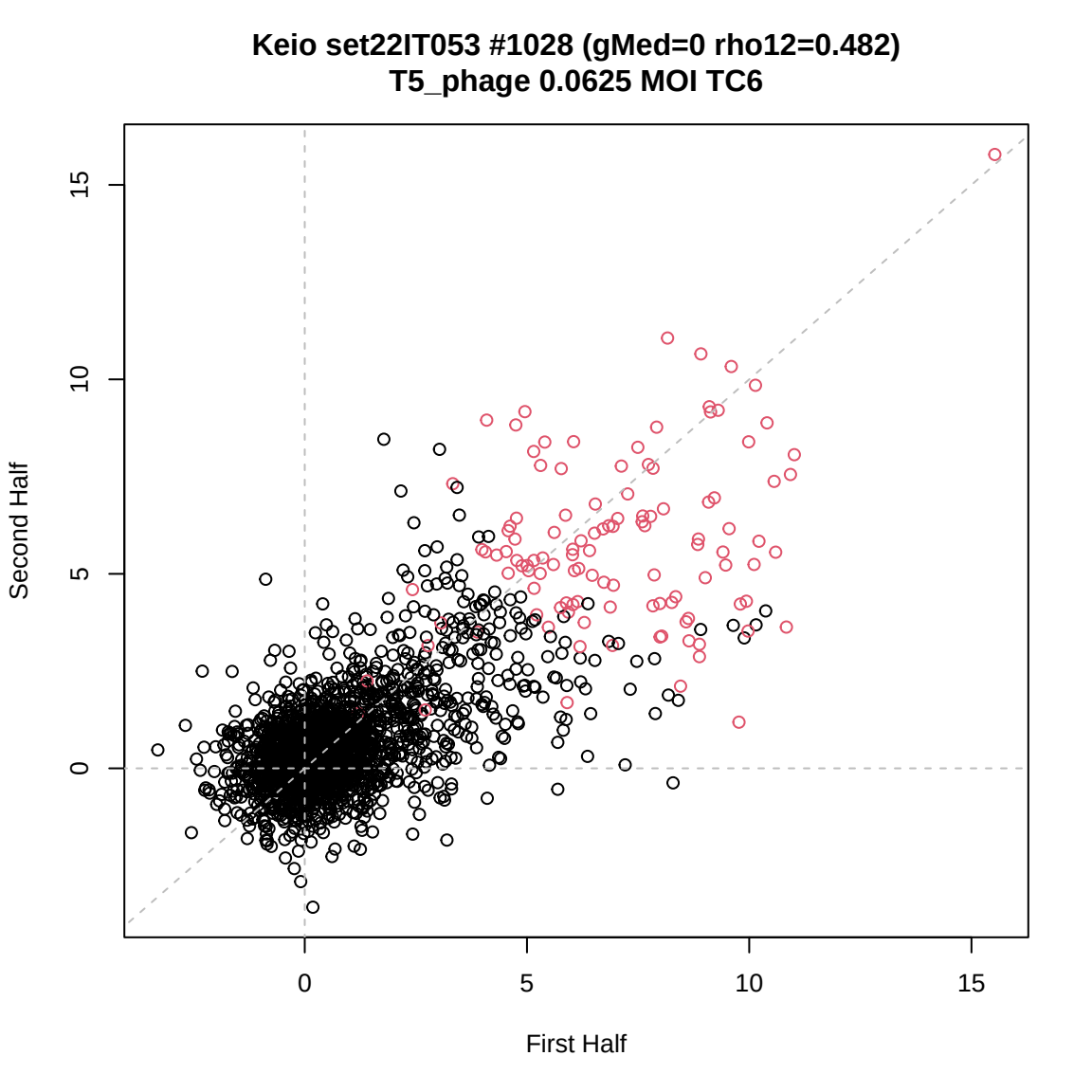

Keio set22IT048 #1023 (gMed=9 rho12=0.343)
T5_phage 0.0000625 MOI TC4
Second Half
First Half
0
5
10
0
5
10

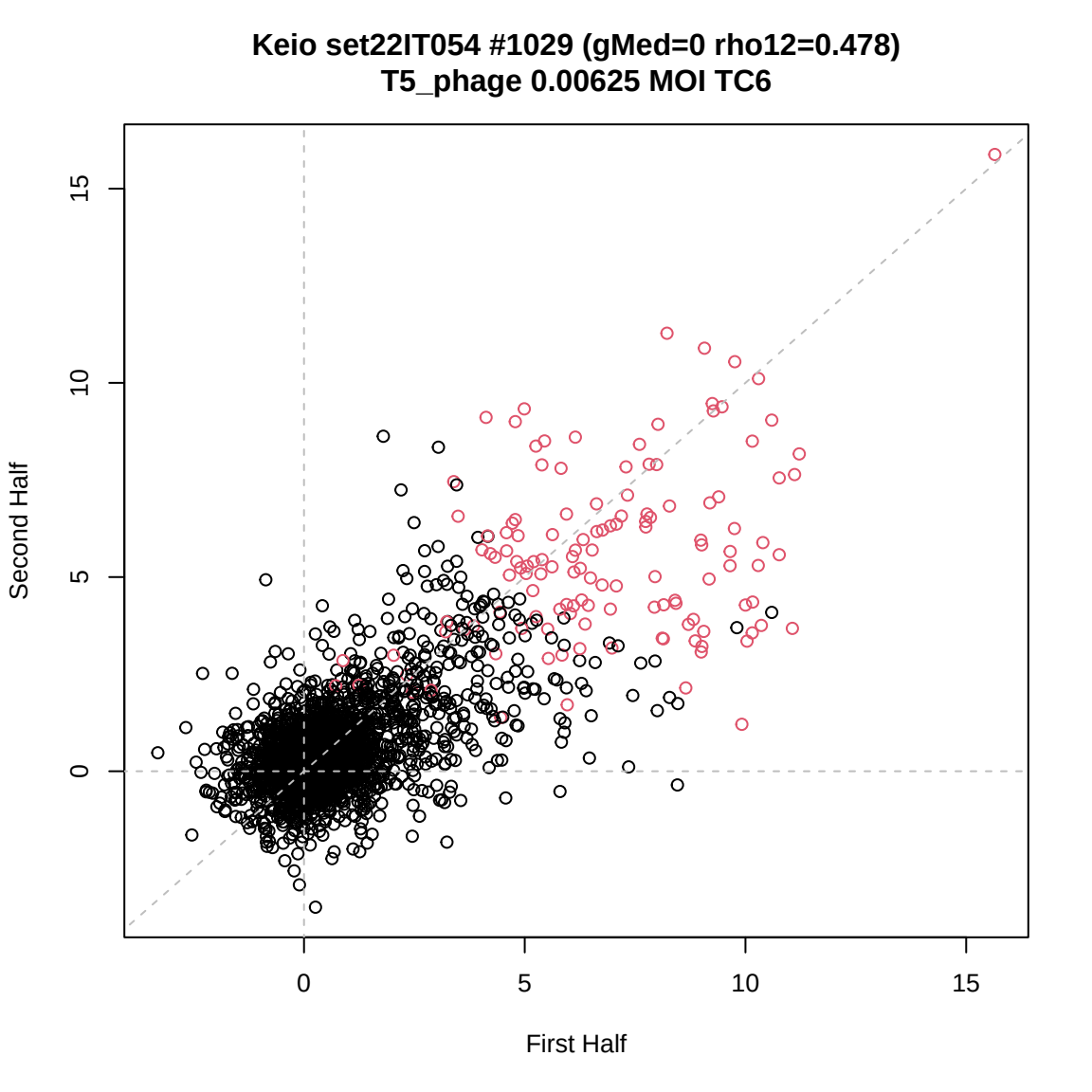

Keio set22IT049 #1024 (gMed=0 rho12=0.481)
T5_phage 0.0625 MOI TC5
Second Half
First Half
0
5
10
15

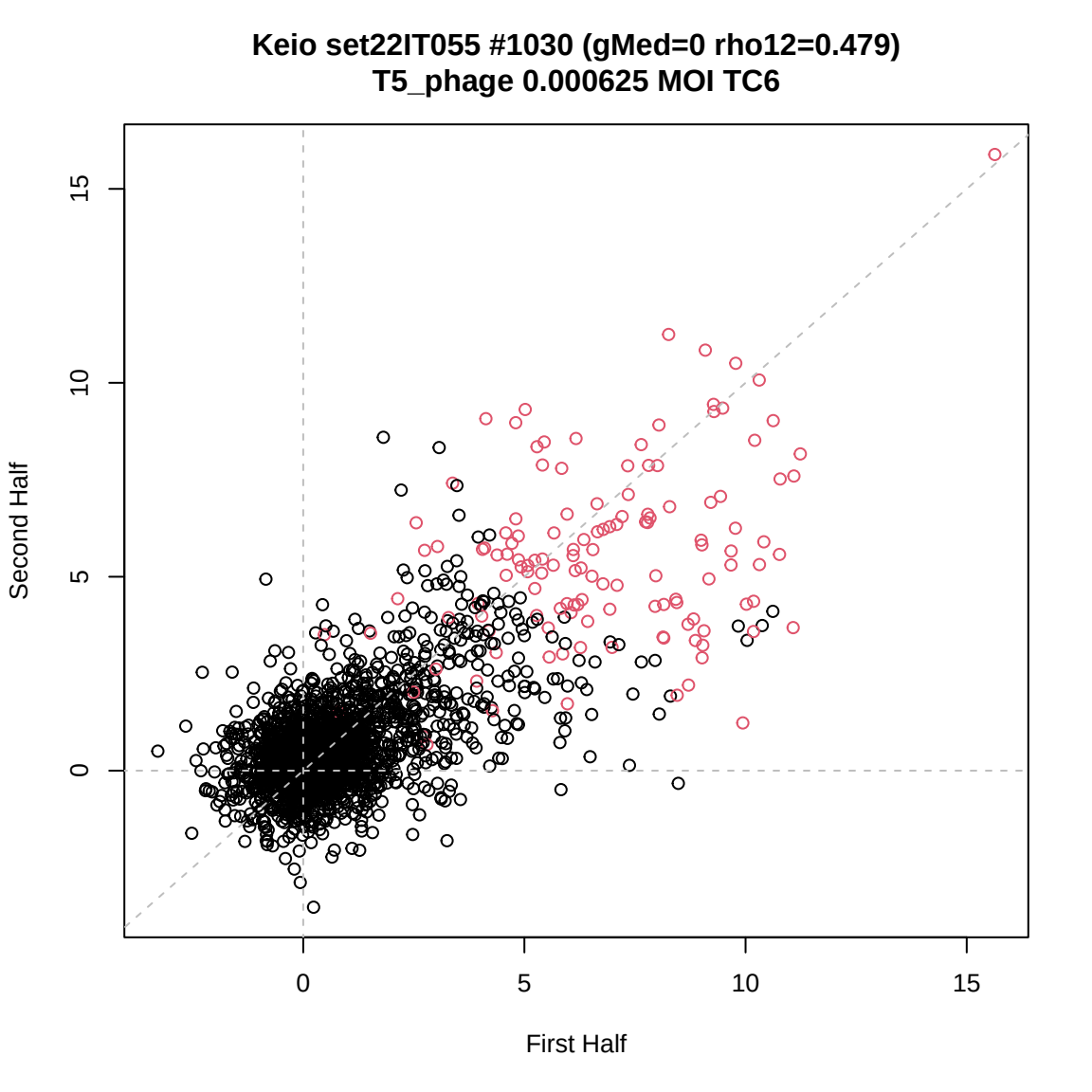

Keio set22IT050 #1025 (gMed=0 rho12=0.478)
T5_phage 0.00625 MOI TC5
Second Half
First Half
0
5
10
15

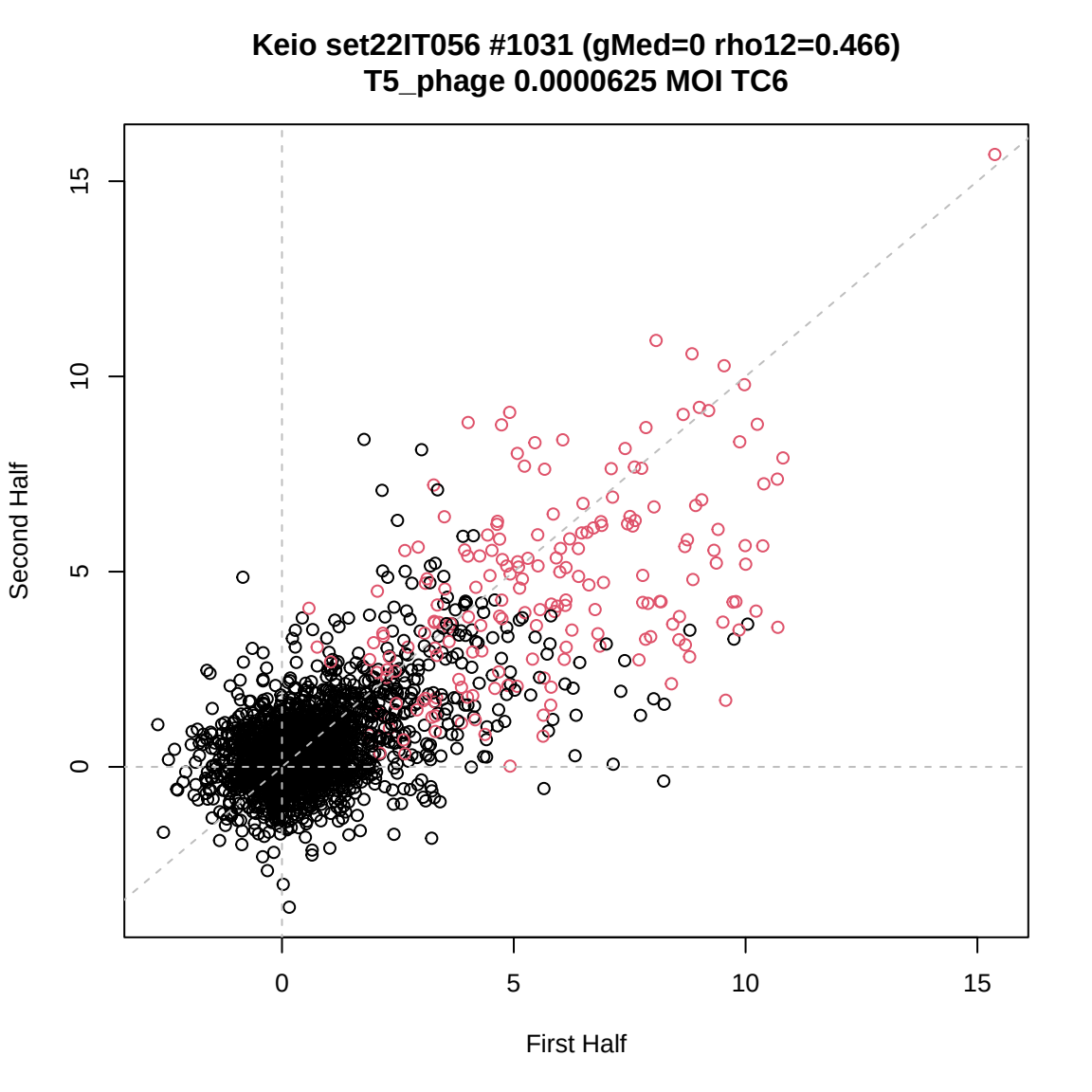

Keio set22IT051 #1026 (gMed=0 rho12=0.481)
T5_phage 0.000625 MOI TC5
Second Half
First Half
0
5
10
15

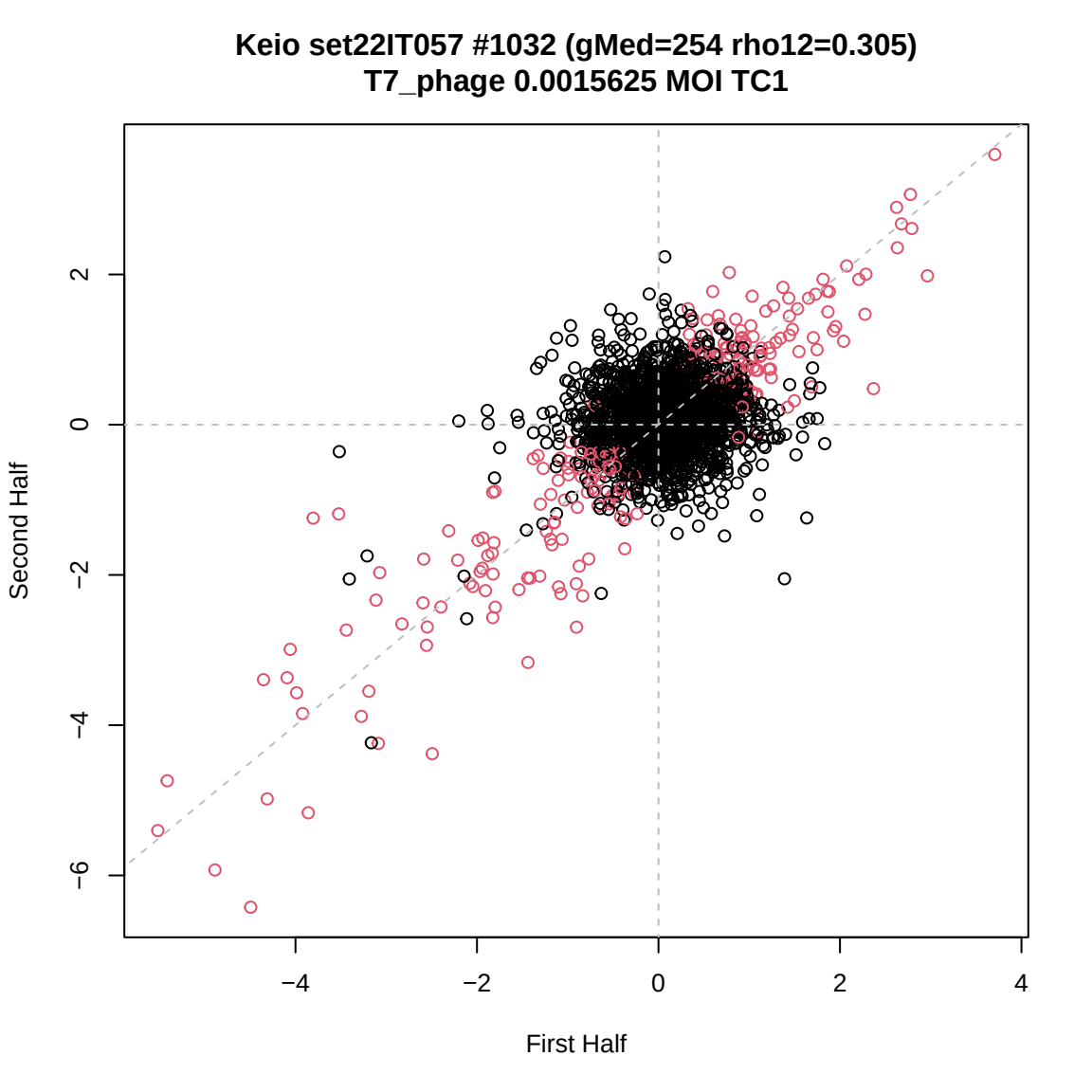

Keio set22IT052 #1027 (gMed=6 rho12=0.419)
T5_phage 0.0000625 MOI TC5
Second Half
First Half
0
5
10
15

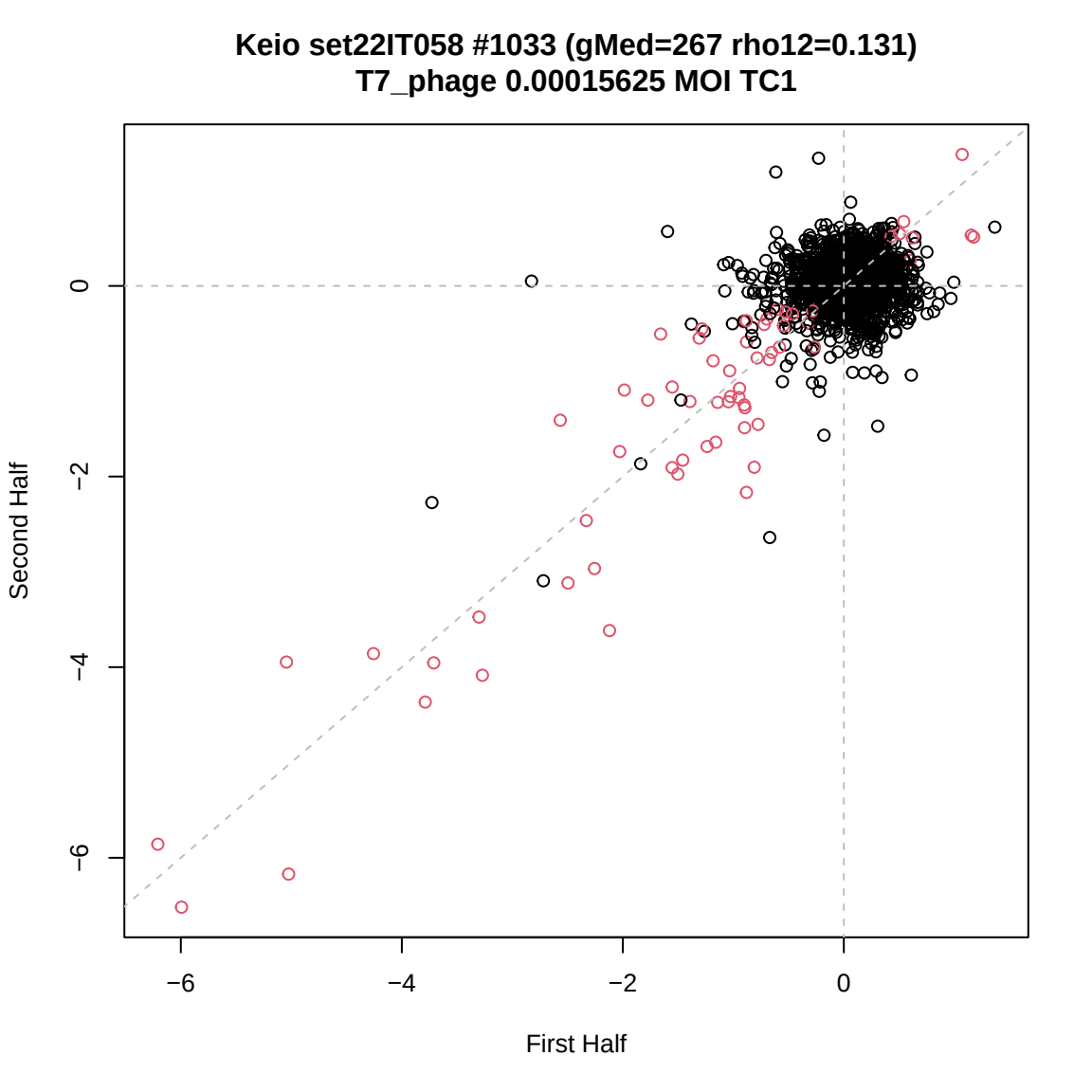

Keio set22IT053 #1028 (gMed=0 rho12=0.482)
T5_phage 0.0625 MOI TC6
Second Half
First Half
0
5
10
15

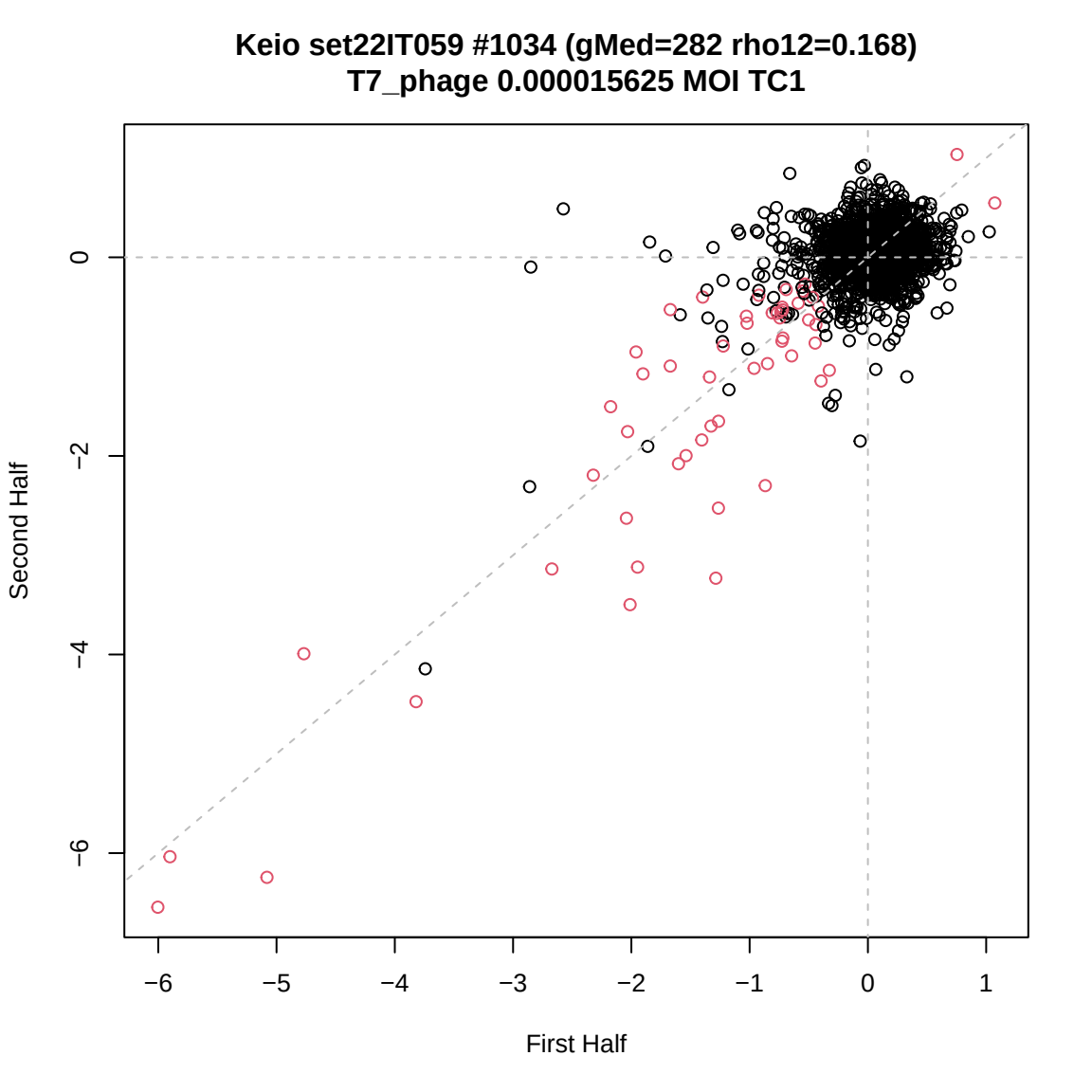

Keio set22IT054 #1029 (gMed=0 rho12=0.478)
T5_phage 0.00625 MOI TC6
Second Half
First Half
0
5
10
15

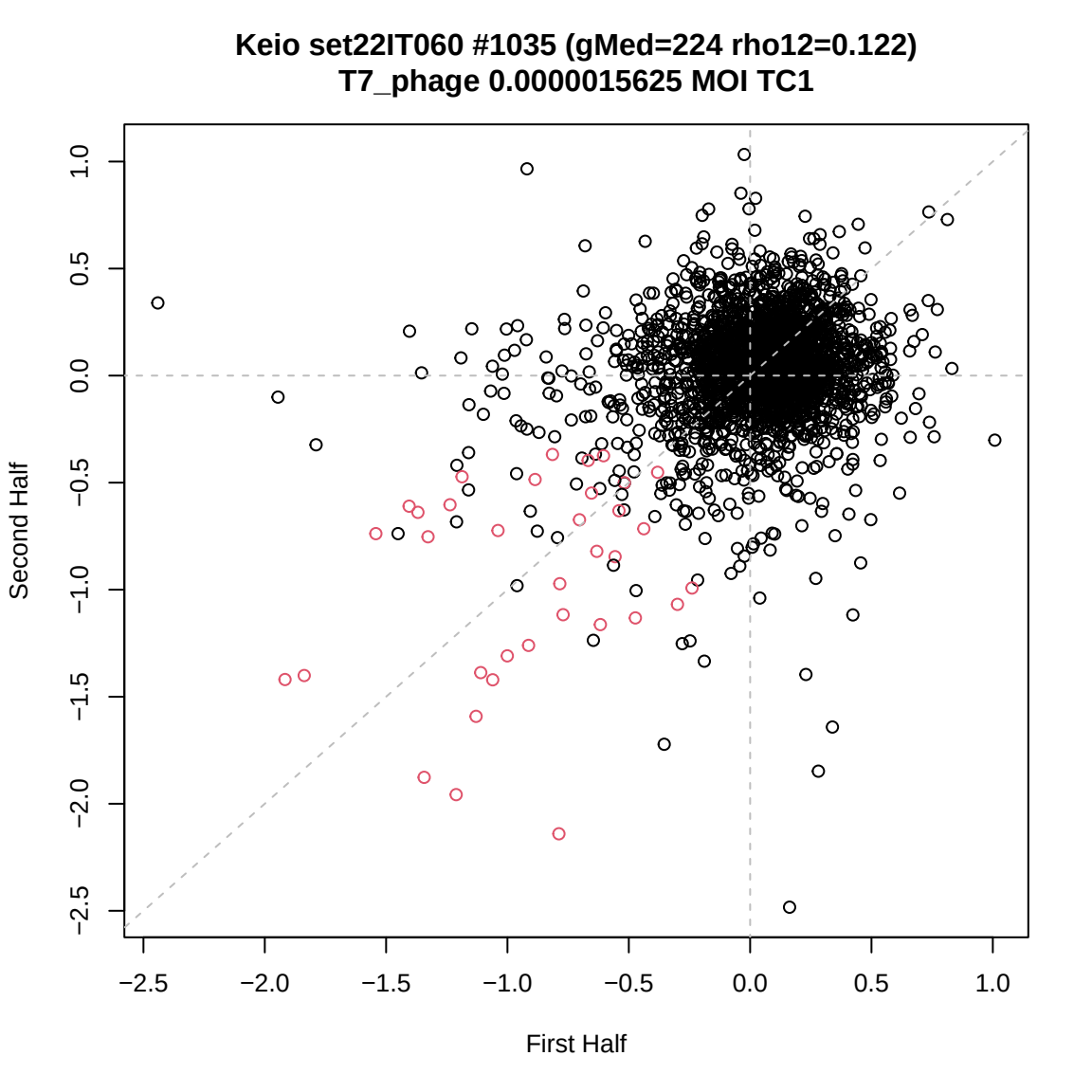

Keio set22IT055 #1030 (gMed=0 rho12=0.479)
T5_phage 0.000625 MOI TC6
Second Half
First Half
0
5
10
15

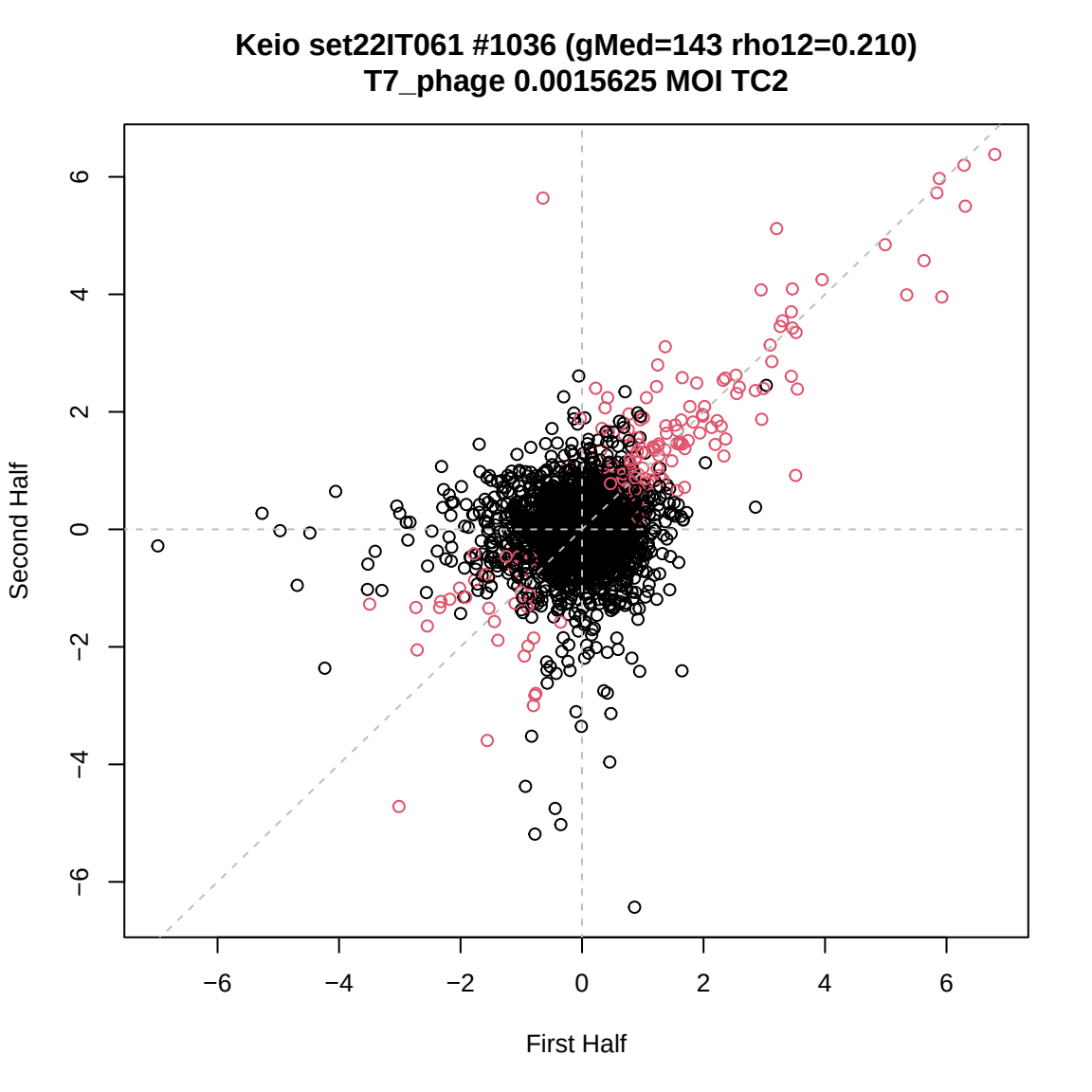

Keio set22IT056 #1031 (gMed=0 rho12=0.466)
T5_phage 0.0000625 MOI TC6
Second Half
First Half
0
5
10
15

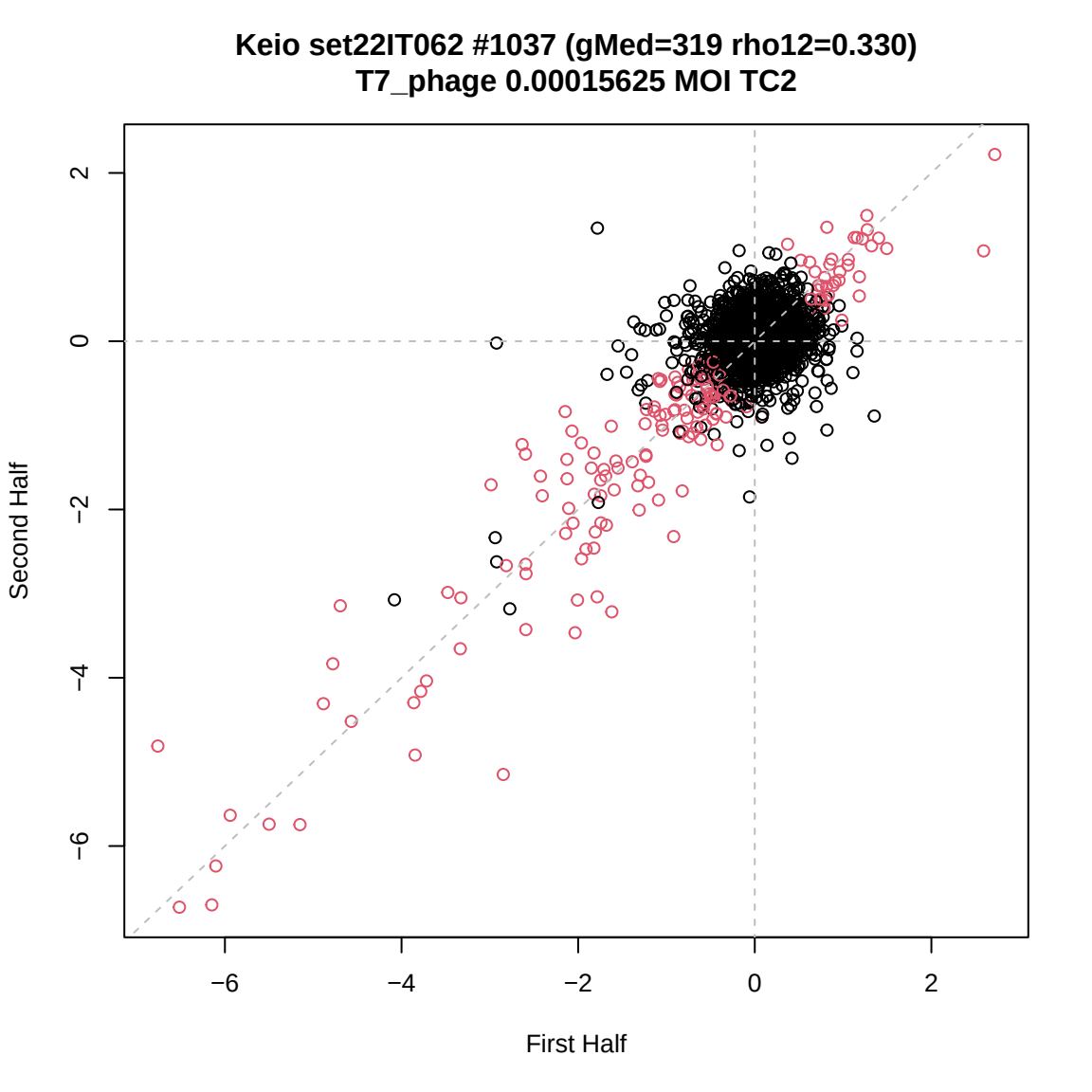

Keio set22IT057 #1032 (gMed=254 rho12=0.305)
T7_phage 0.0015625 MOI TC1
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2
4

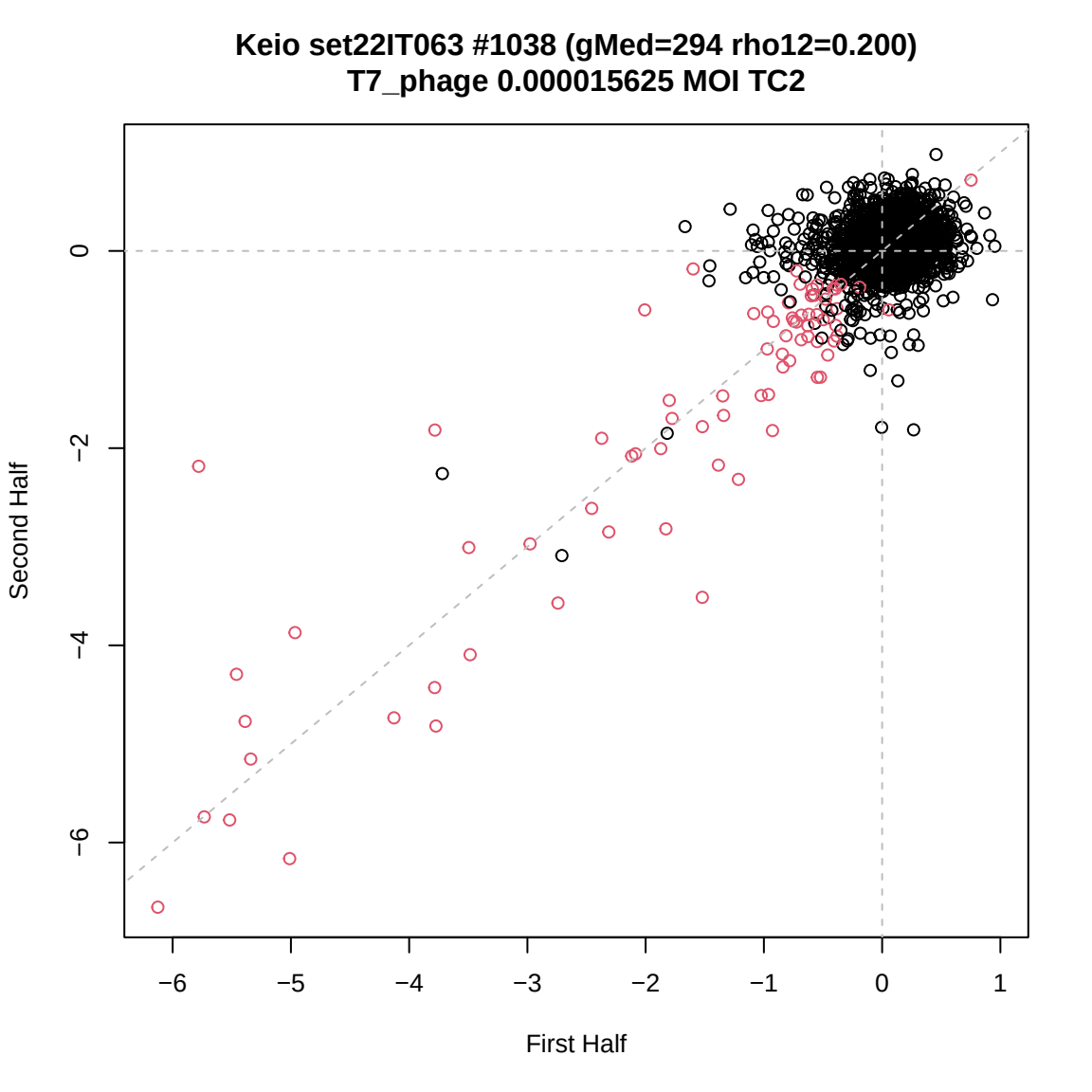

Keio set22IT058 #1033 (gMed=267 rho12=0.131)
T7_phage 0.00015625 MOI TC1
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

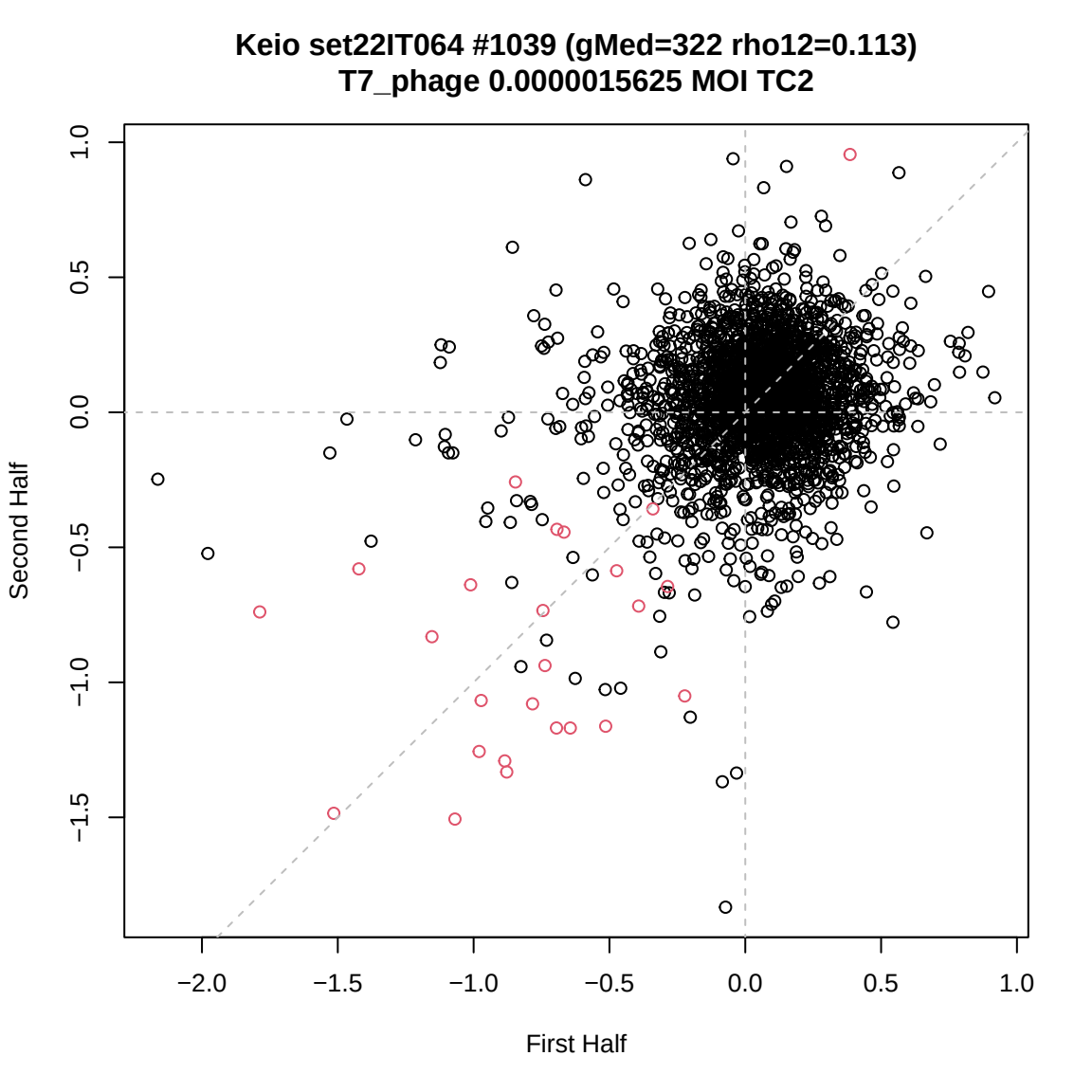

Keio set22IT059 #1034 (gMed=282 rho12=0.168)
T7_phage 0.000015625 MOI TC1
Second Half
First Half
0
−2
−4
−6
−6
−5
−4
−3
−2
−1
0
1

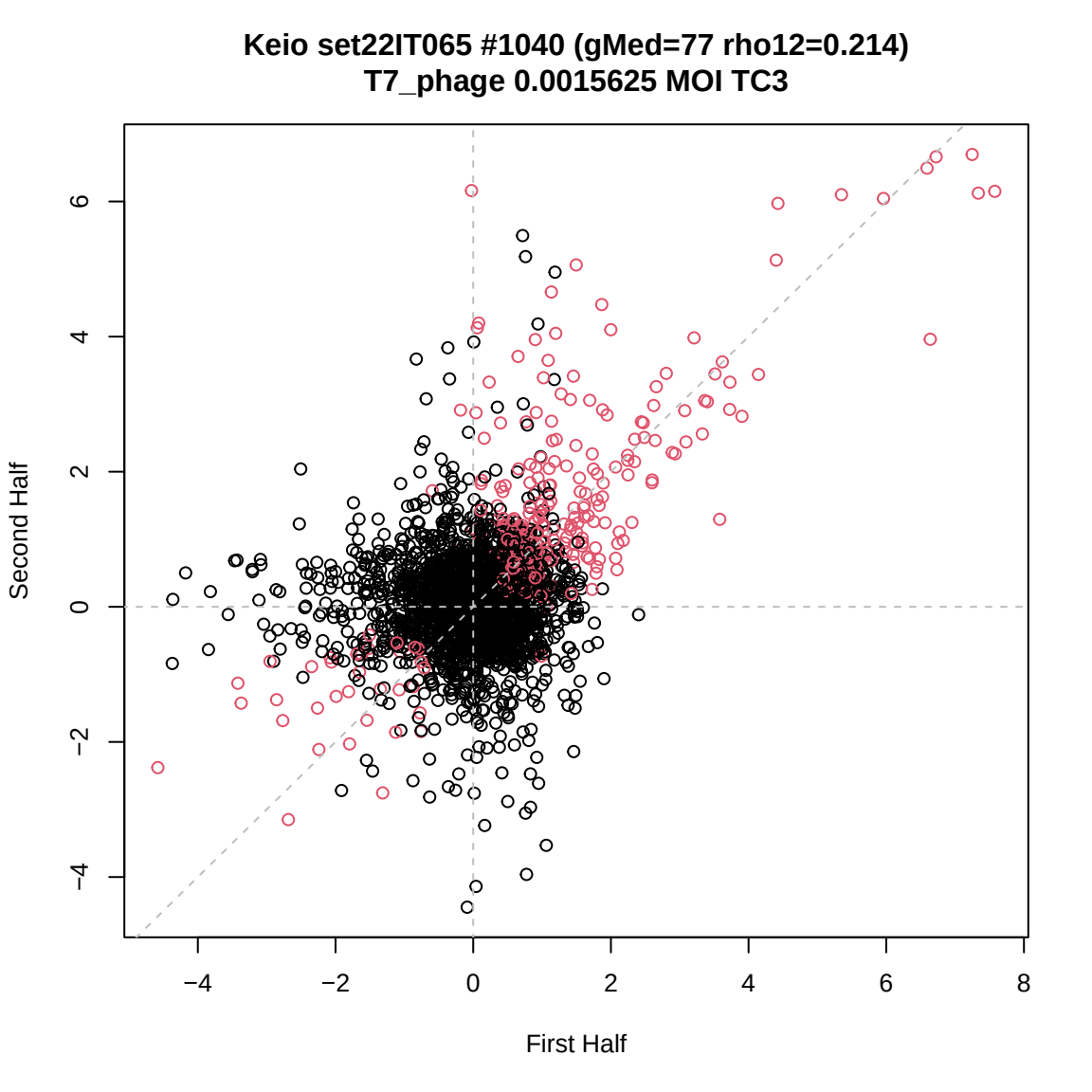

Keio set22IT060 #1035 (gMed=224 rho12=0.122)
T7_phage 0.0000015625 MOI TC1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

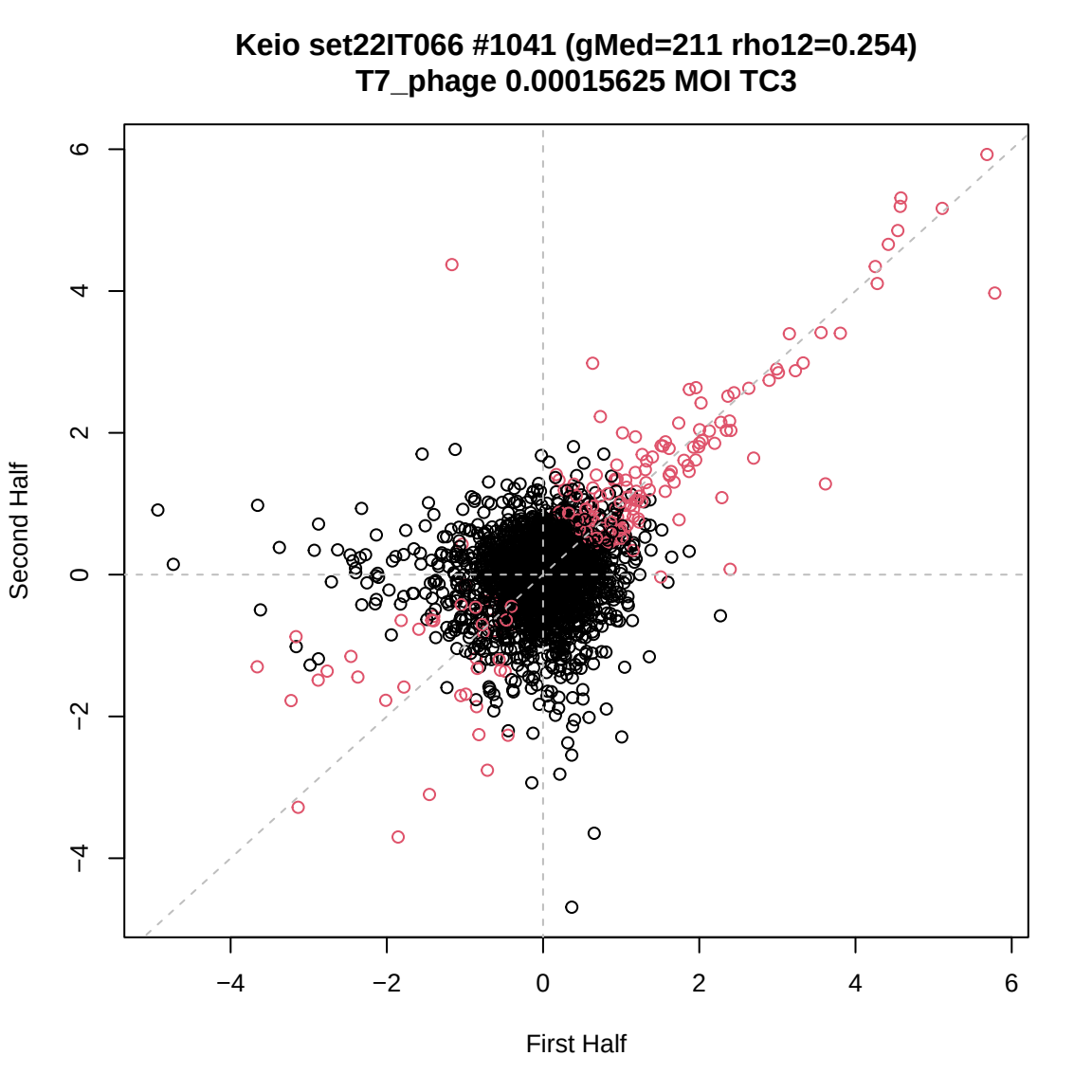

Keio set22IT061 #1036 (gMed=143 rho12=0.210)
T7_phage 0.0015625 MOI TC2
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6


Keio set22IT062 #1037 (gMed=319 rho12=0.330)
T7_phage 0.00015625 MOI TC2
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

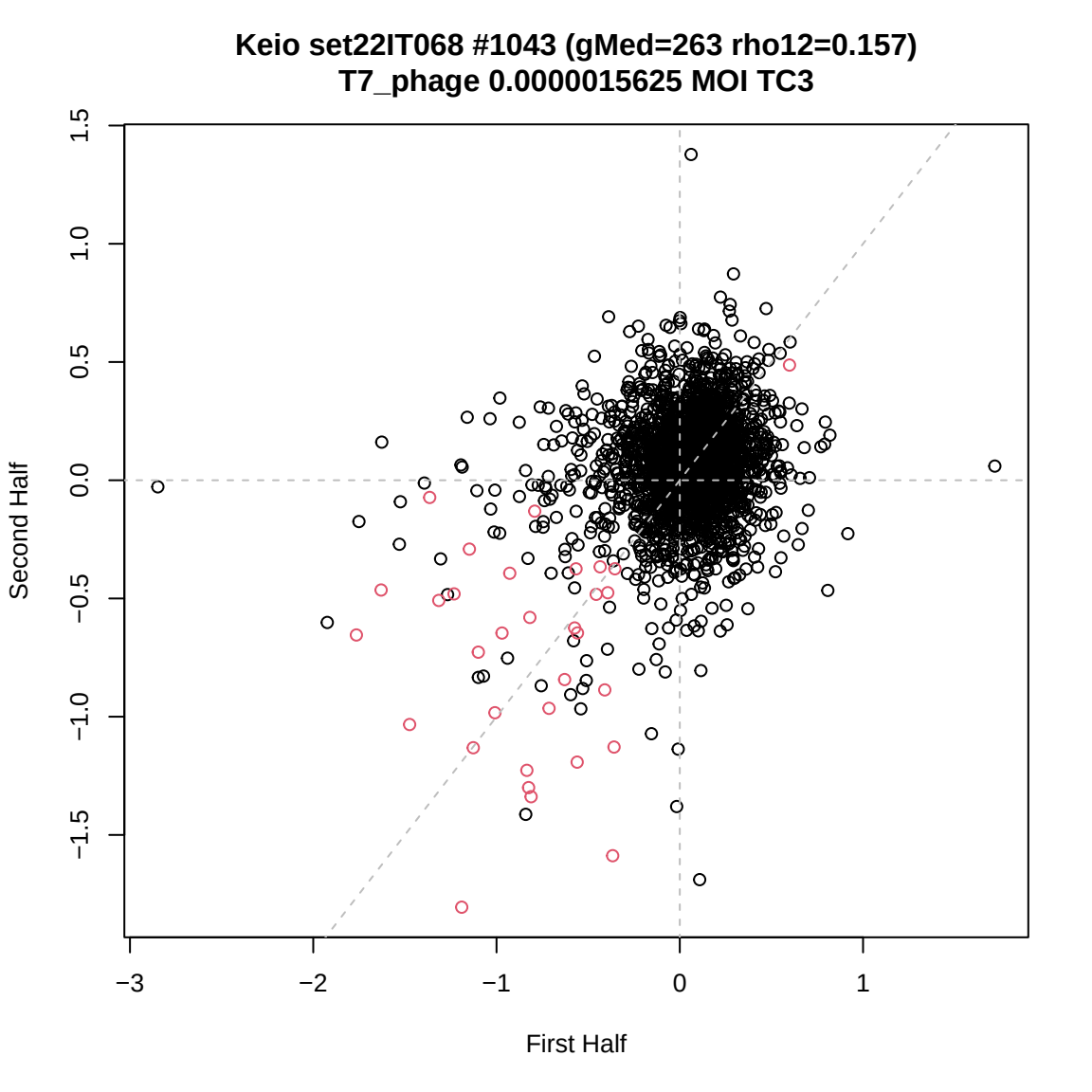

Keio set22IT063 #1038 (gMed=294 rho12=0.200)
T7_phage 0.000015625 MOI TC2
Second Half
First Half
0
−2
−4
−6
−6
−5
−4
−3
−2
−1
0
1

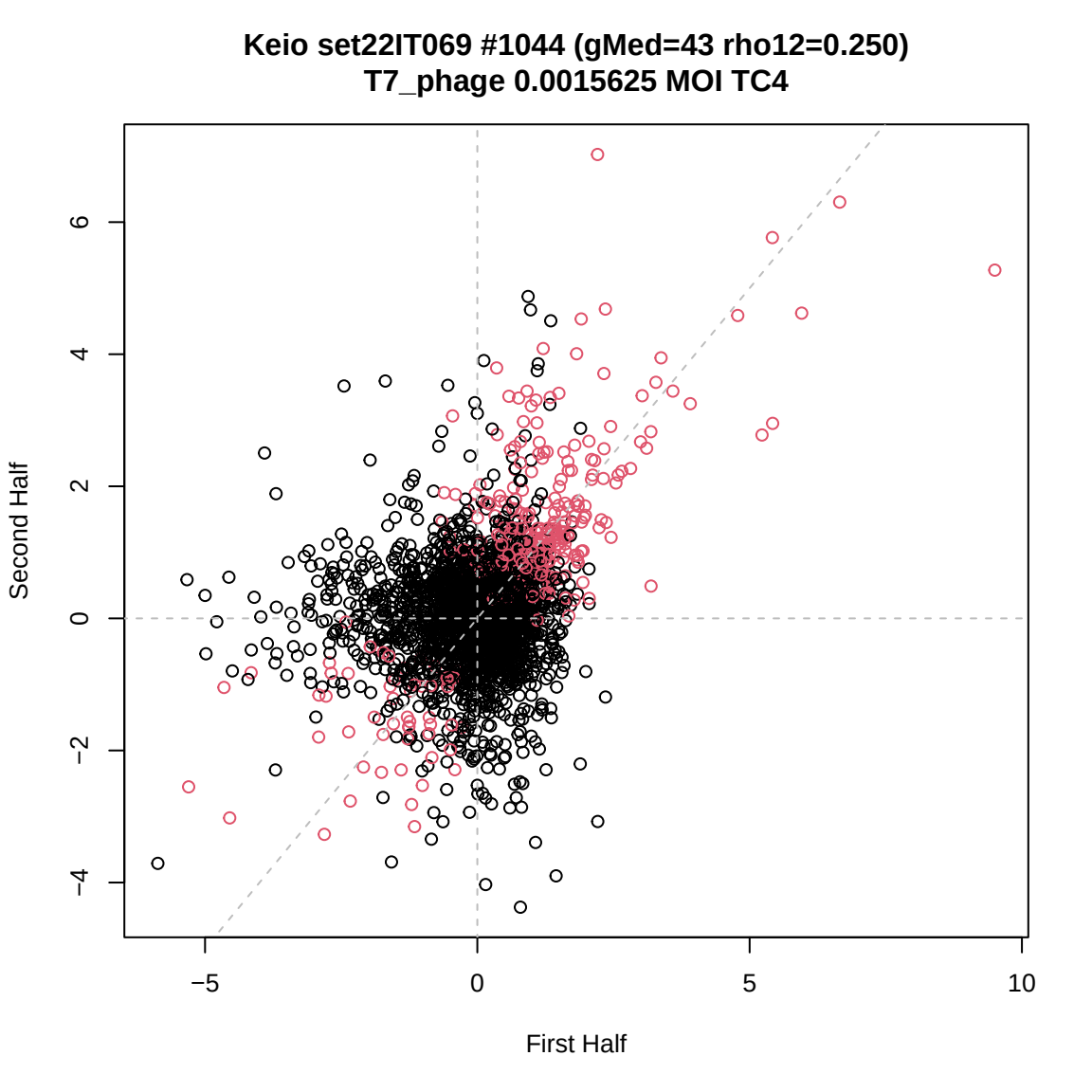

Keio set22IT064 #1039 (gMed=322 rho12=0.113)
T7_phage 0.0000015625 MOI TC2
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

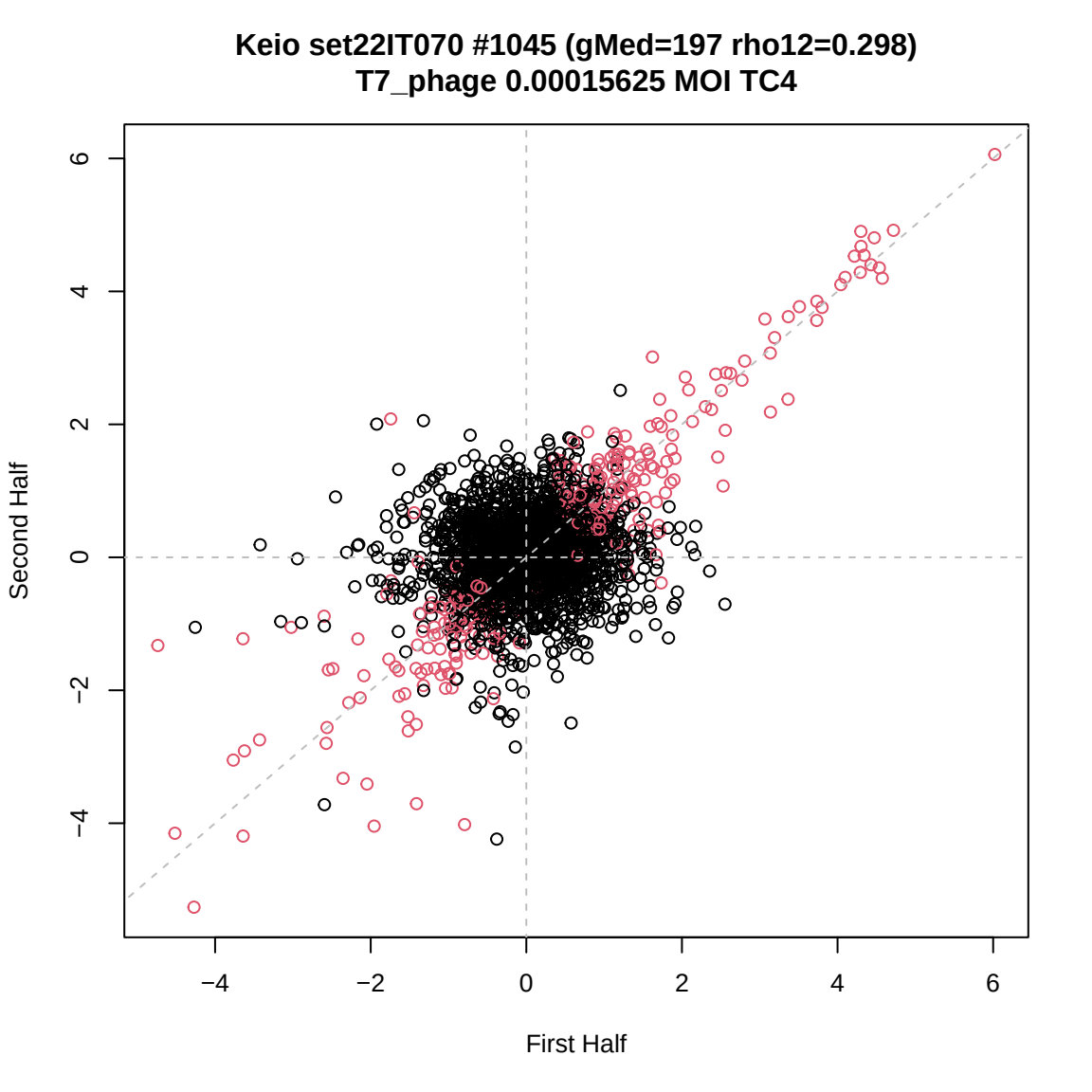

Keio set22IT065 #1040 (gMed=77 rho12=0.214)
T7_phage 0.0015625 MOI TC3
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

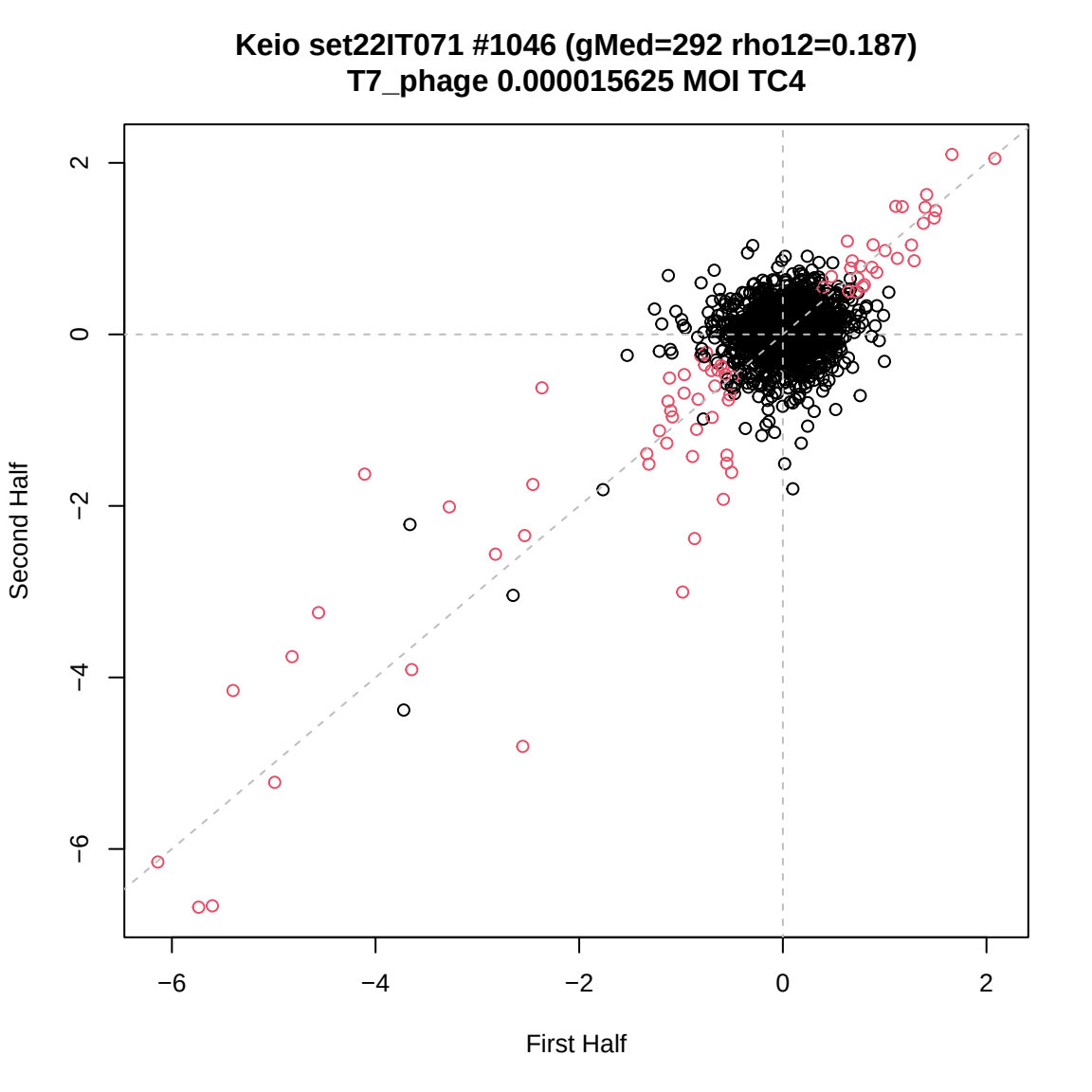

Keio set22IT066 #1041 (gMed=211 rho12=0.254)
T7_phage 0.00015625 MOI TC3
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

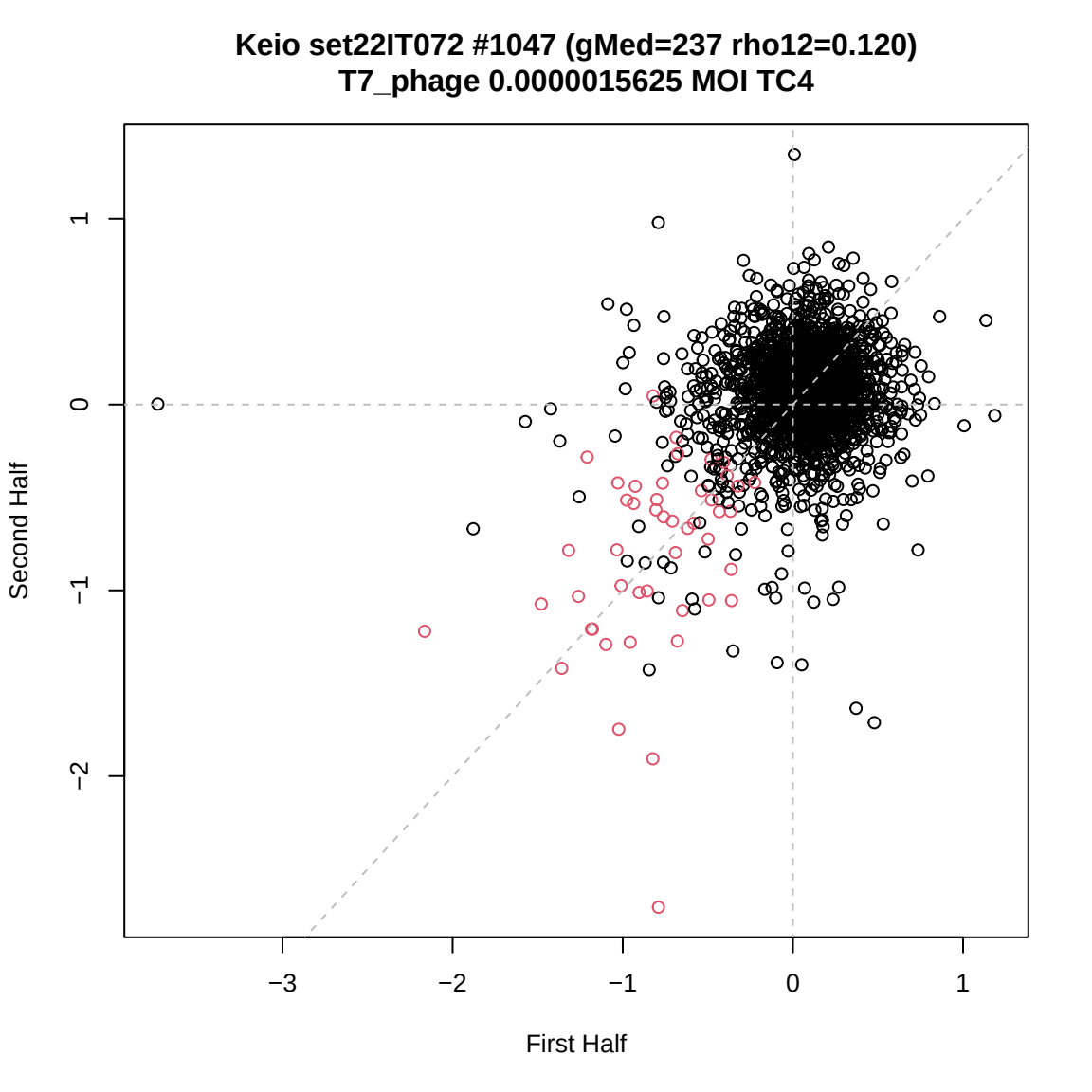

Keio set22IT067 #1042 (gMed=368 rho12=0.198)
T7_phage 0.000015625 MOI TC3
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

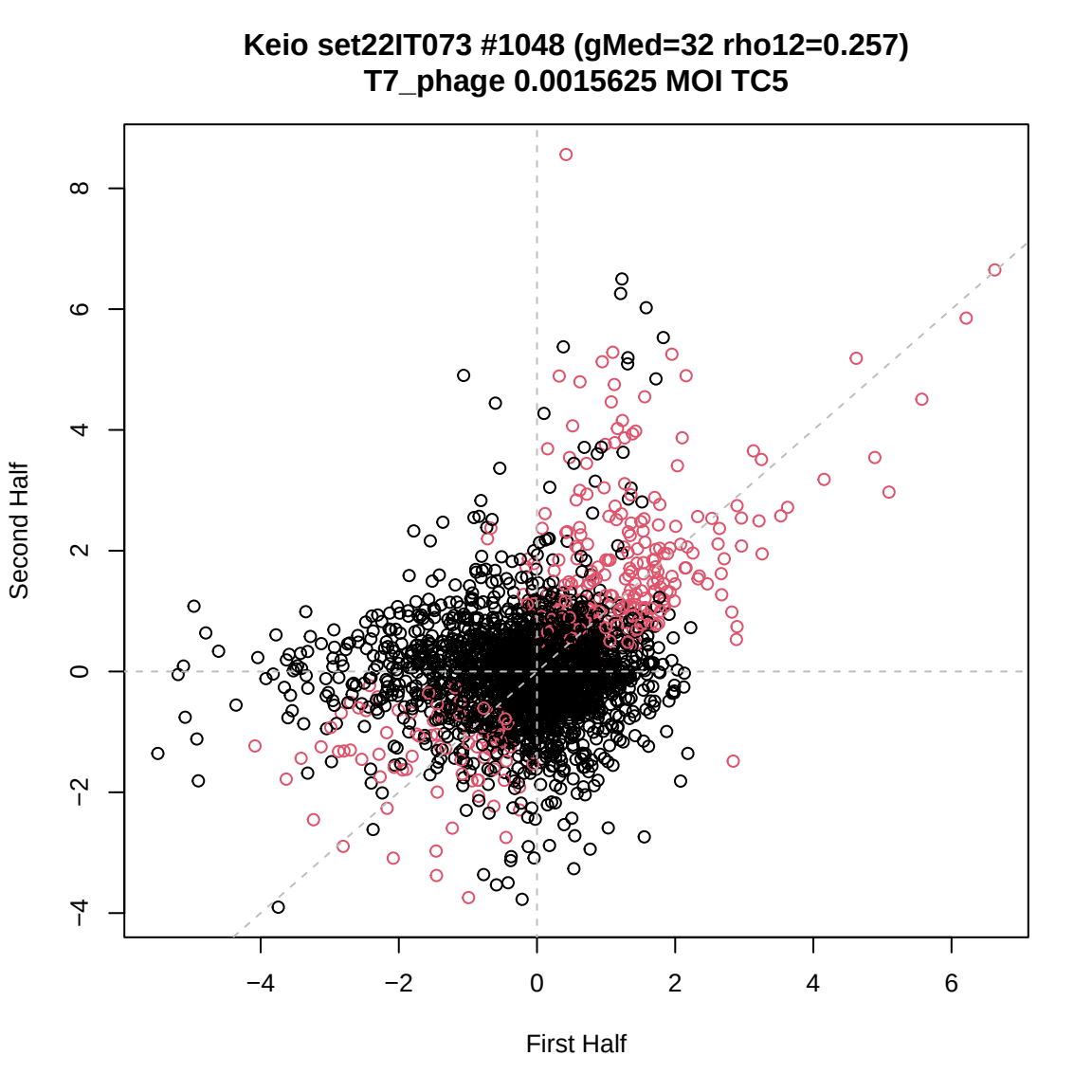

Keio set22IT068 #1043 (gMed=263 rho12=0.157)
T7_phage 0.0000015625 MOI TC3
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

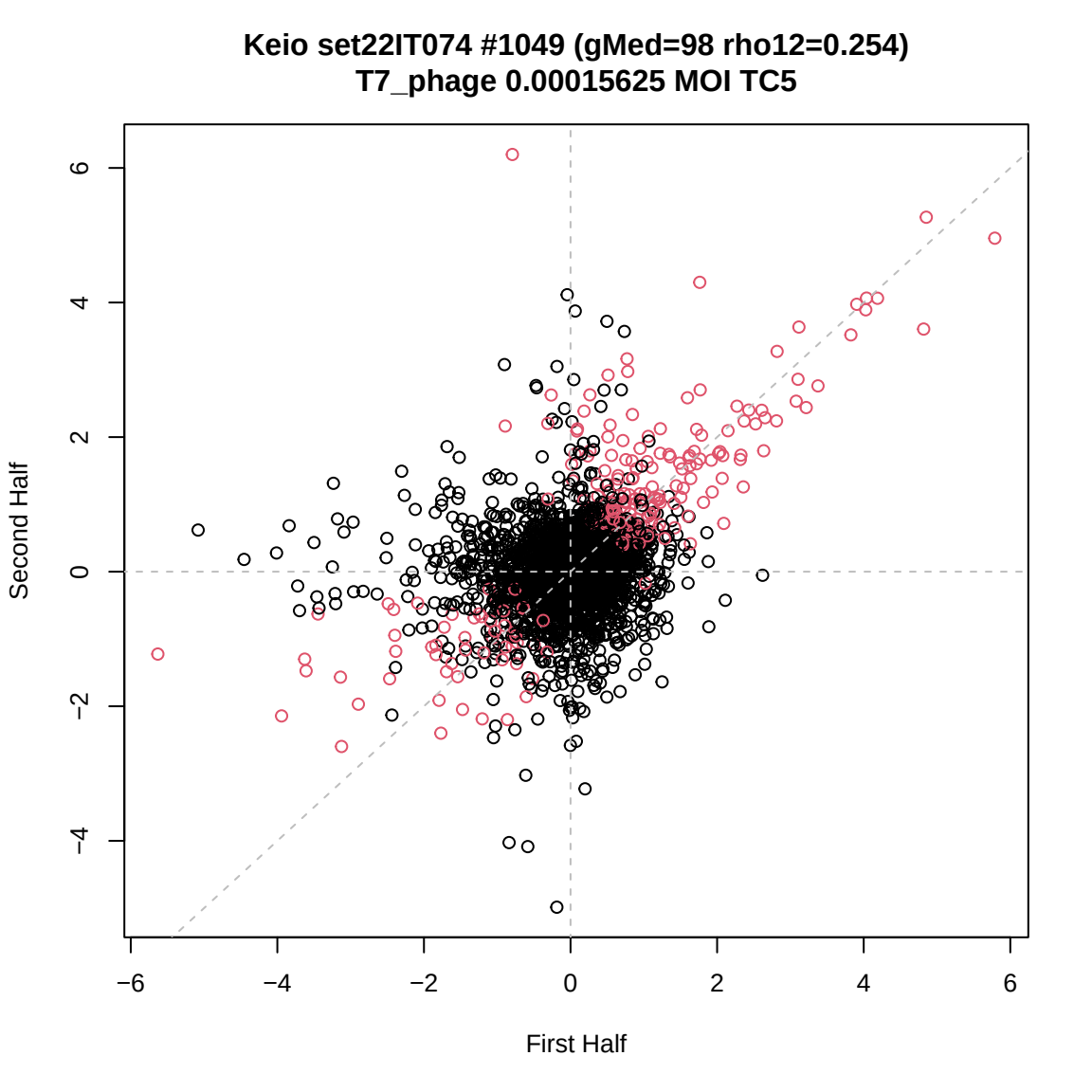

Keio set22IT069 #1044 (gMed=43 rho12=0.250)
T7_phage 0.0015625 MOI TC4
Second Half
First Half
6
4
2
0
−2
−4
−5
0
5
10

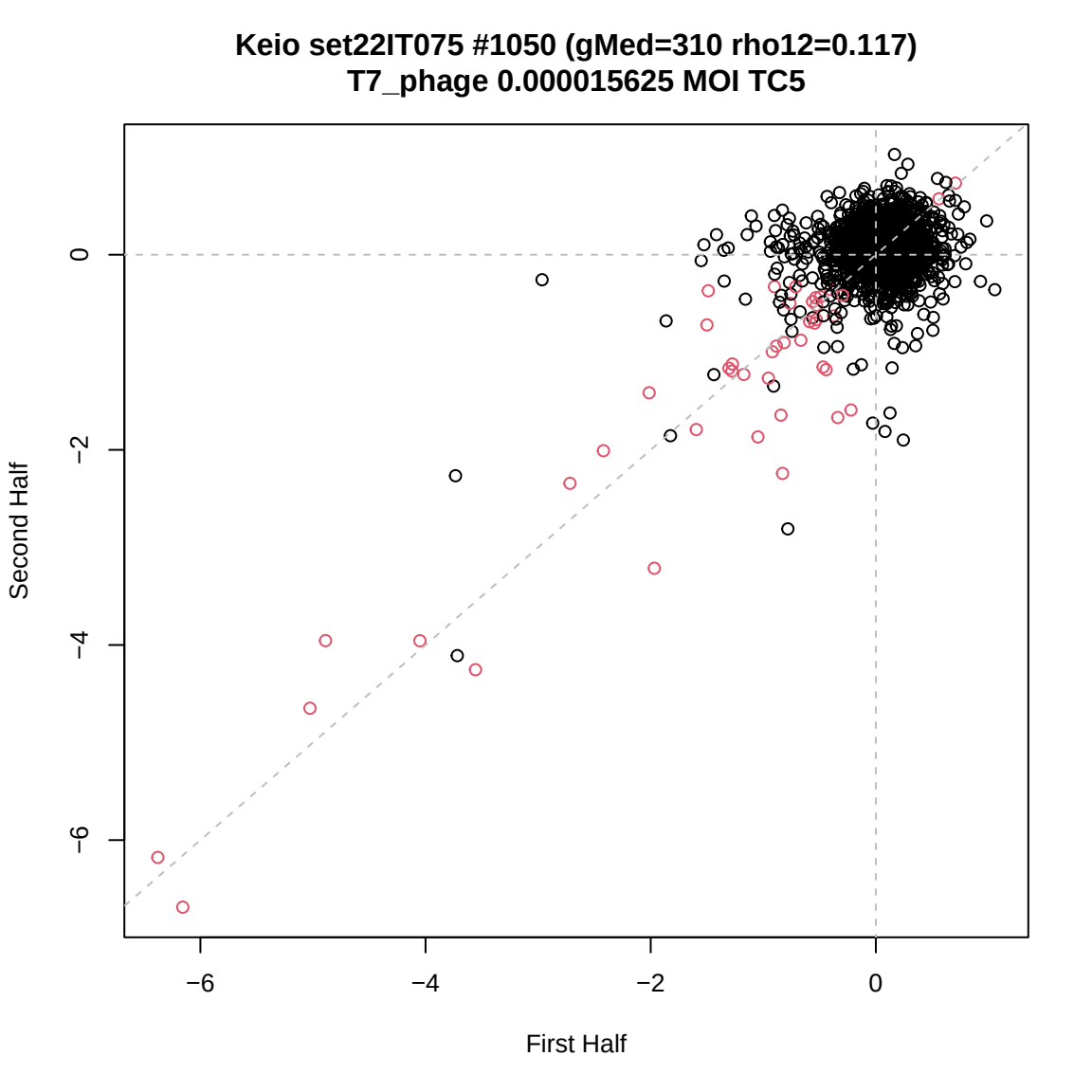

Keio set22IT070 #1045 (gMed=197 rho12=0.298)
T7_phage 0.00015625 MOI TC4
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

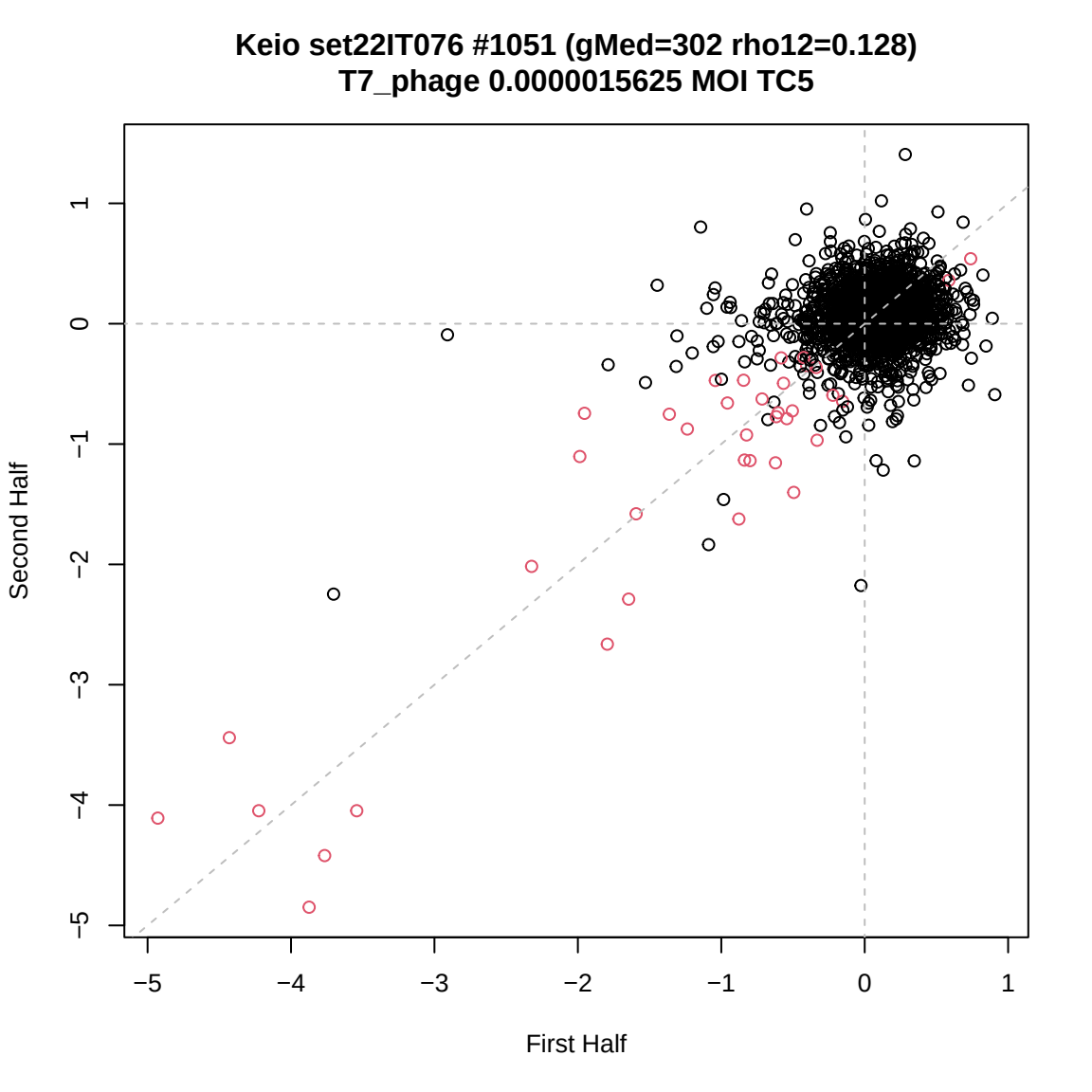

Keio set22IT071 #1046 (gMed=292 rho12=0.187)
T7_phage 0.000015625 MOI TC4
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

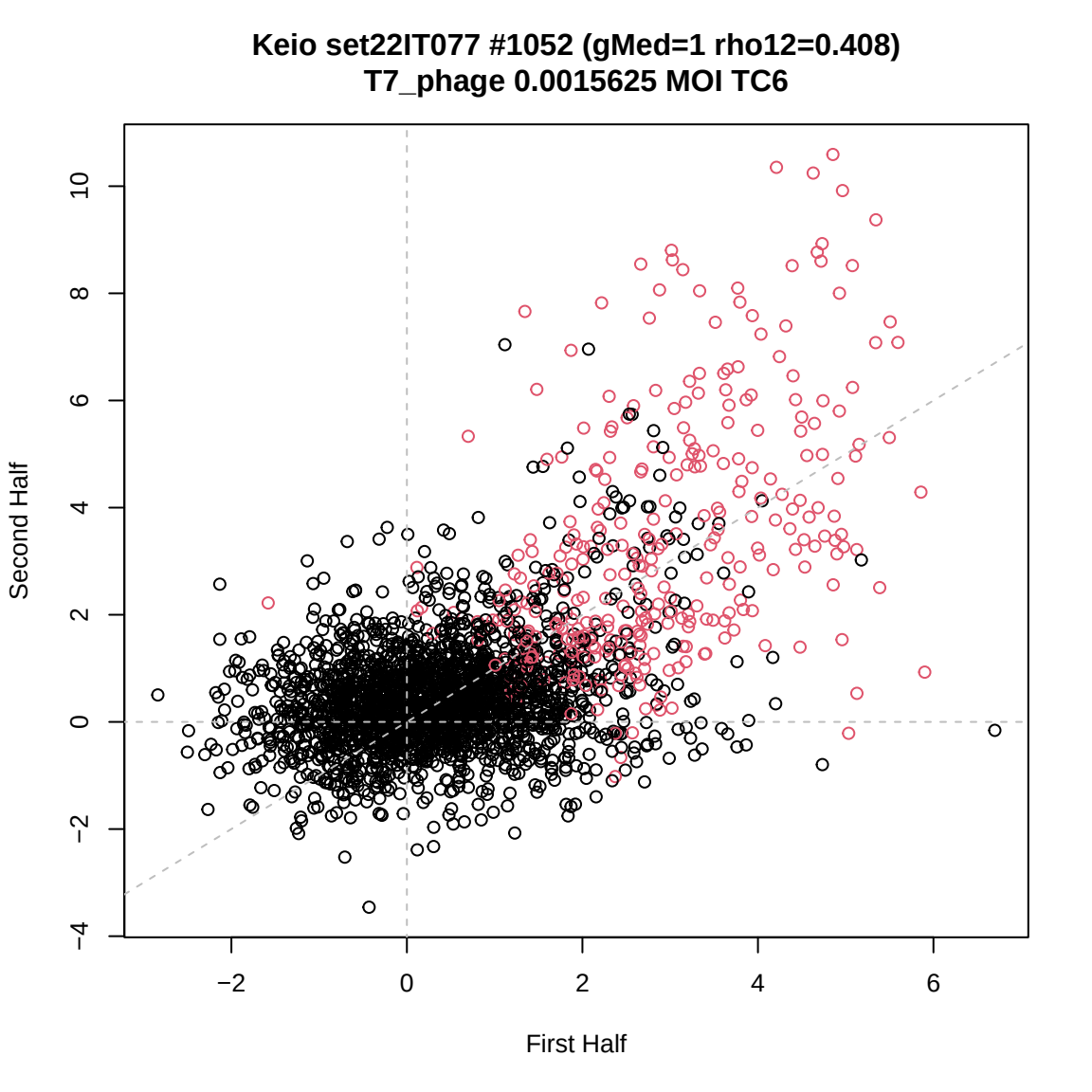

Keio set22IT072 #1047 (gMed=237 rho12=0.120)
T7_phage 0.0000015625 MOI TC4
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

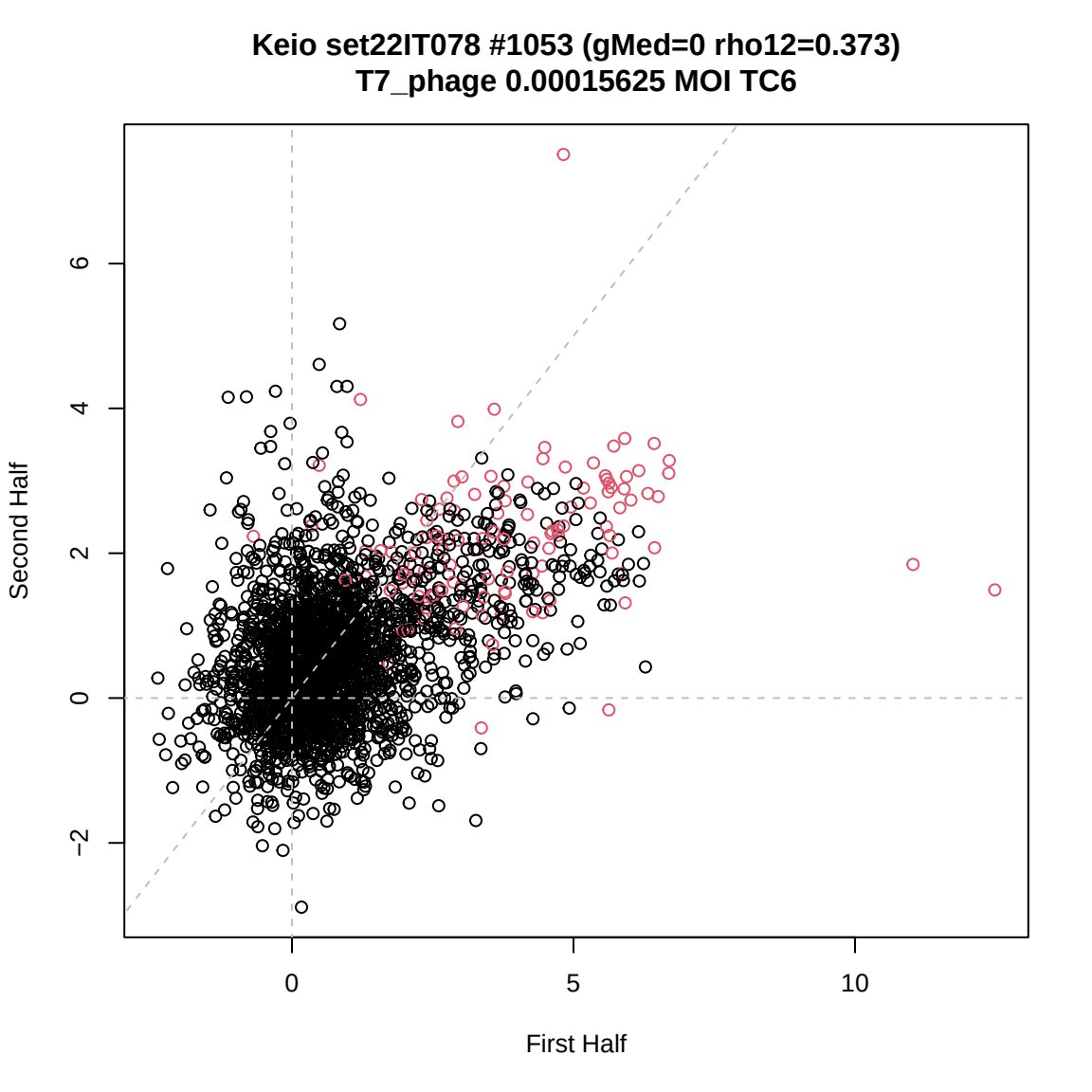

Keio set22IT073 #1048 (gMed=32 rho12=0.257)
T7_phage 0.0015625 MOI TC5
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6

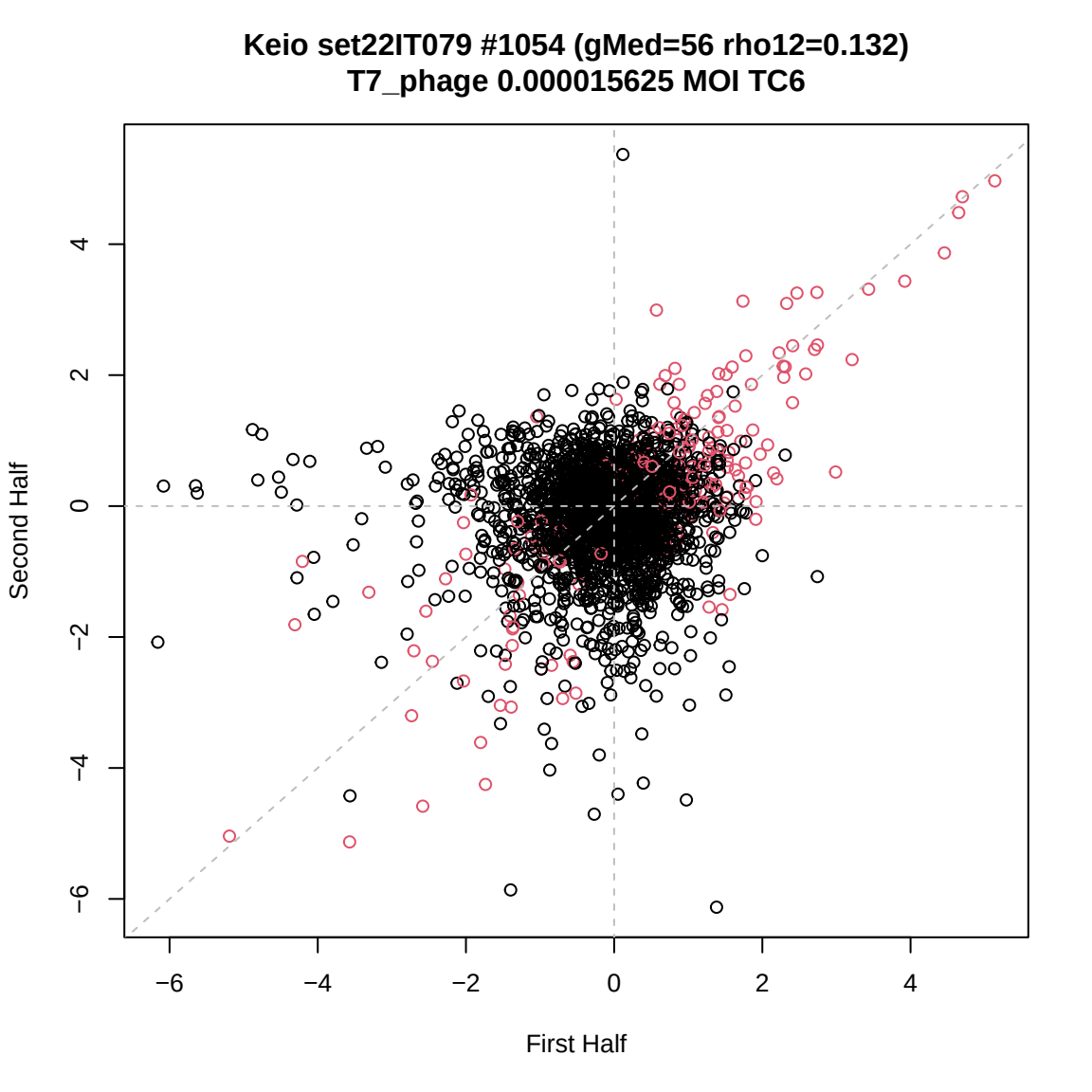

Keio set22IT074 #1049 (gMed=98 rho12=0.254)
T7_phage 0.00015625 MOI TC5
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

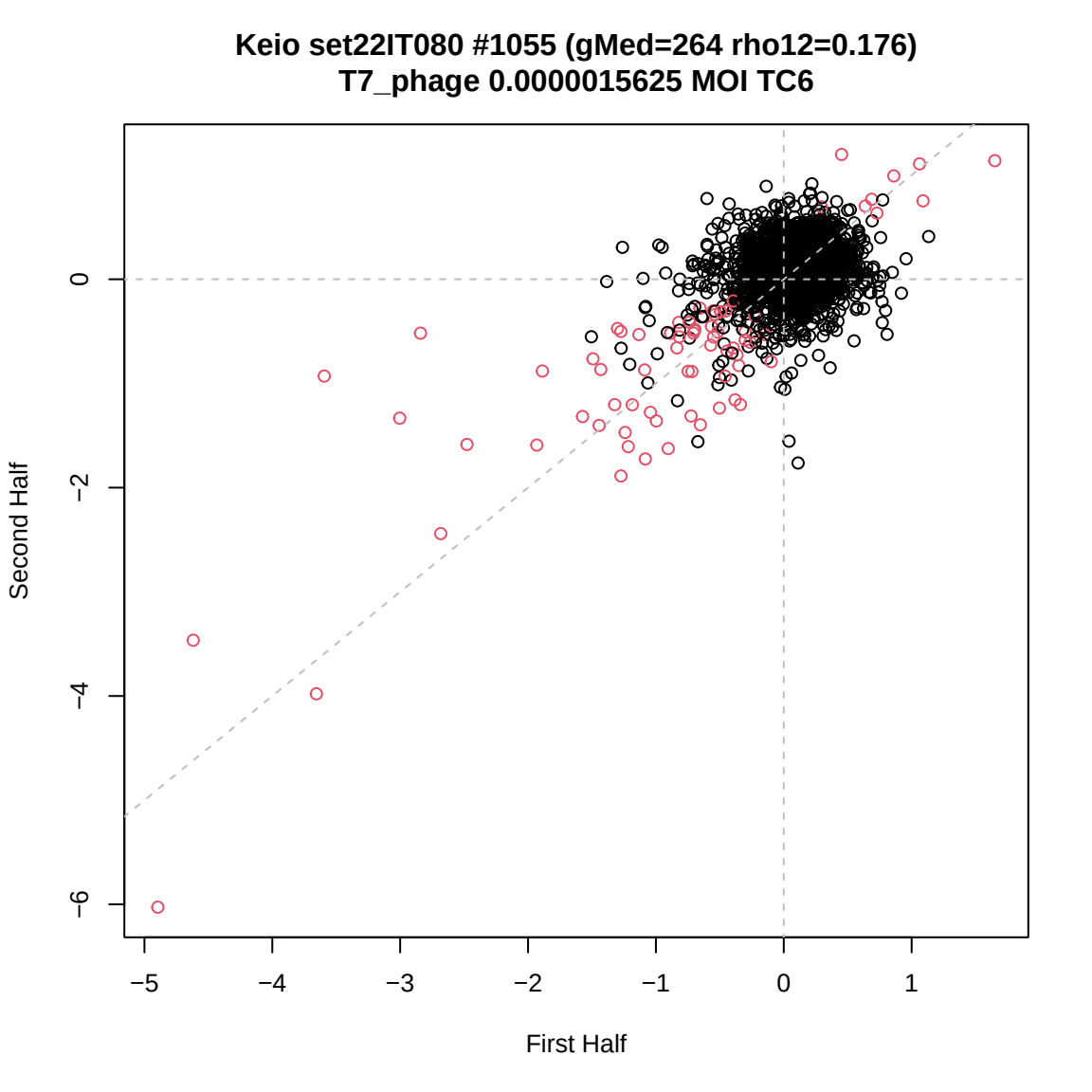

Keio set22IT075 #1050 (gMed=310 rho12=0.117)
T7_phage 0.000015625 MOI TC5
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

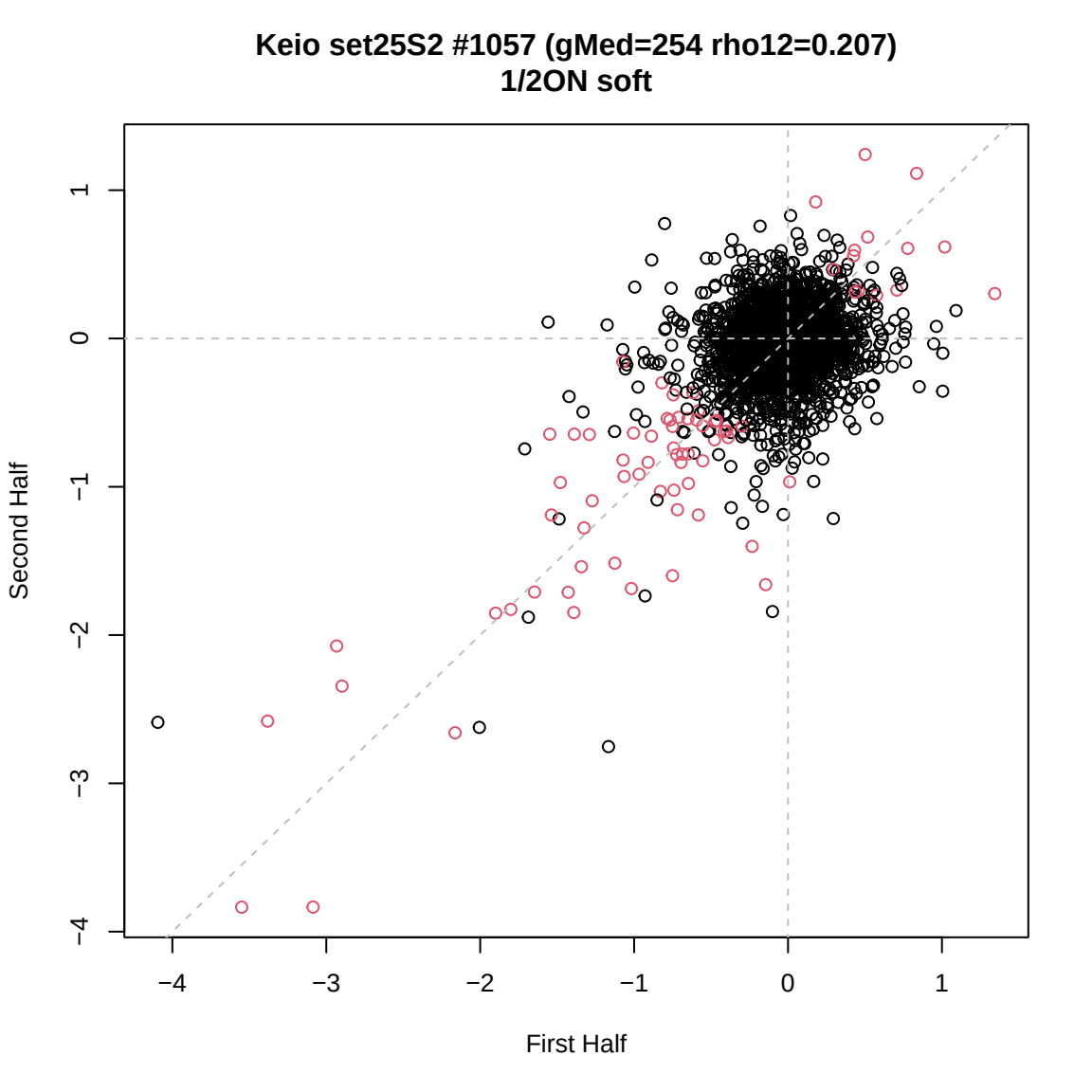

Keio set22IT076 #1051 (gMed=302 rho12=0.128)
T7_phage 0.0000015625 MOI TC5
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

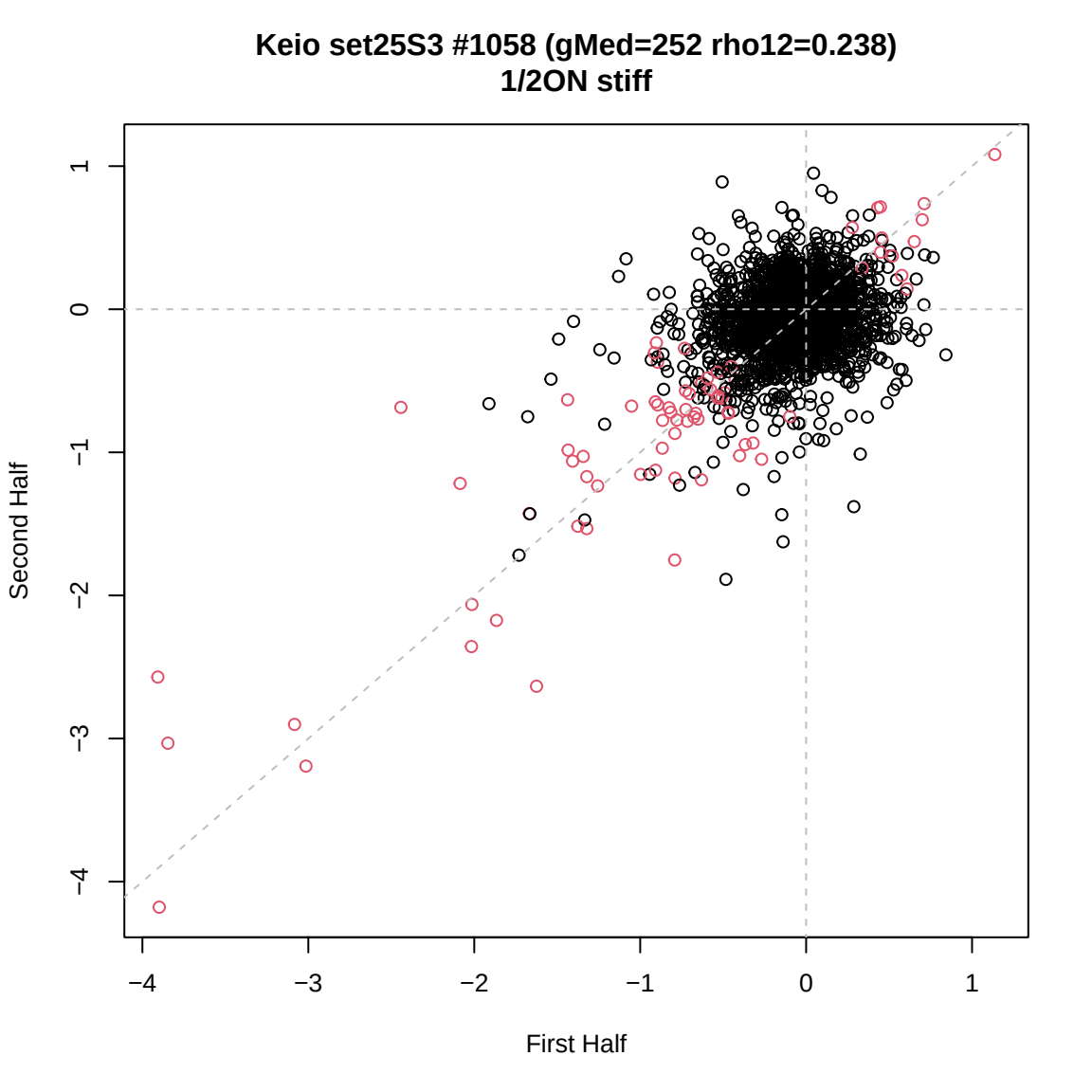

Keio set22IT077 #1052 (gMed=1 rho12=0.408)
T7_phage 0.0015625 MOI TC6
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6

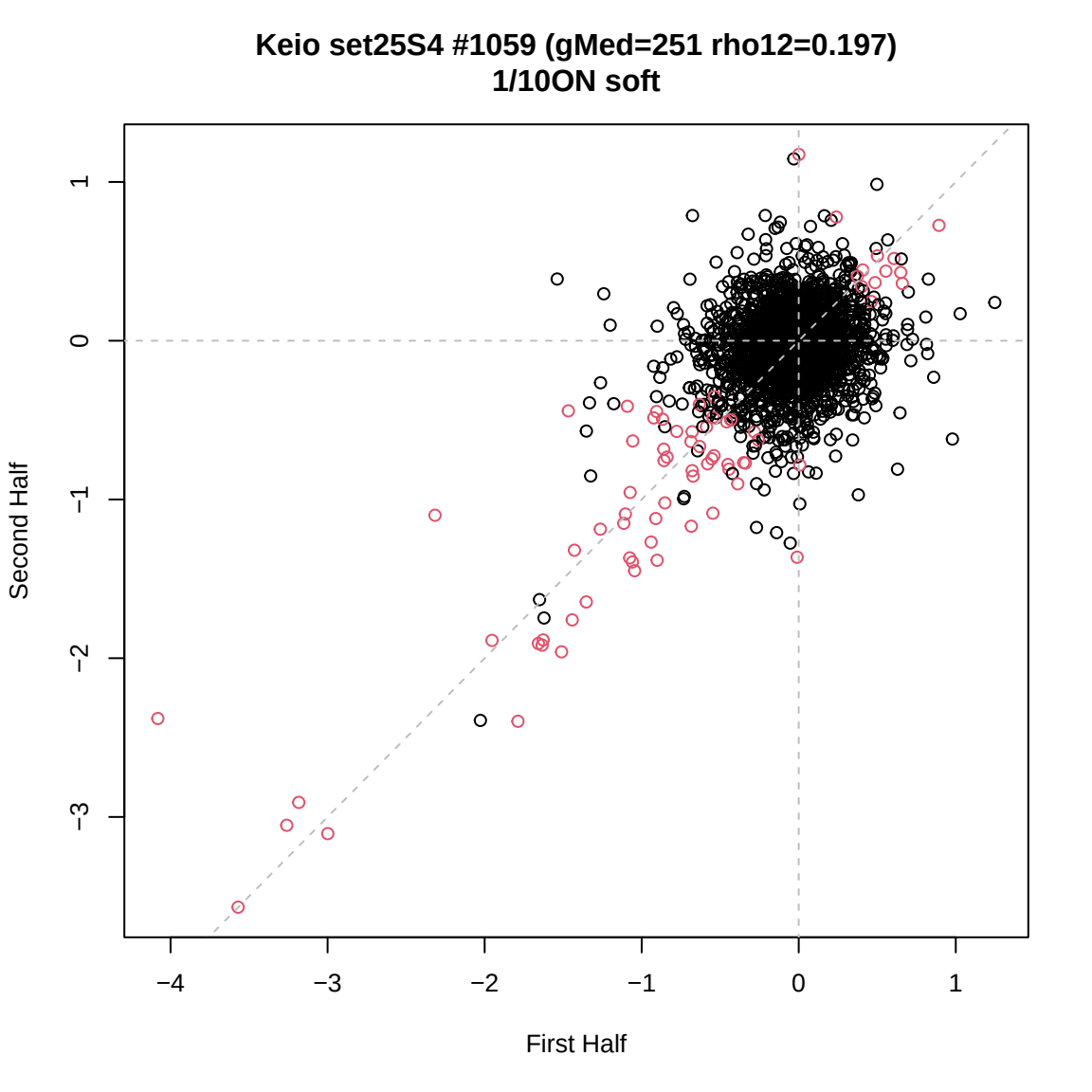

Keio set22IT078 #1053 (gMed=0 rho12=0.373)
T7_phage 0.00015625 MOI TC6
Second Half
First Half
6
4
2
0
−2
0
5
10

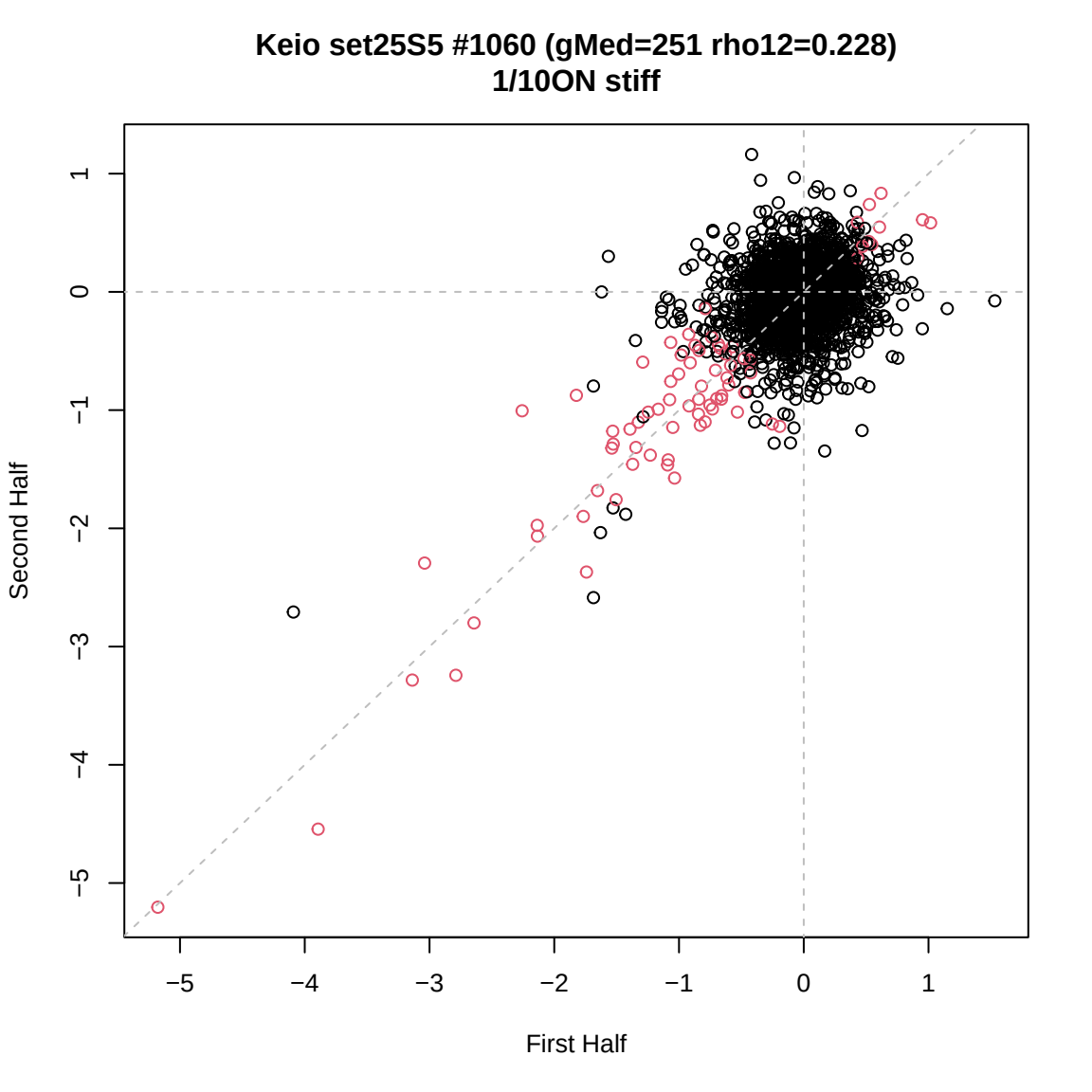

Keio set22IT079 #1054 (gMed=56 rho12=0.132)
T7_phage 0.000015625 MOI TC6
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

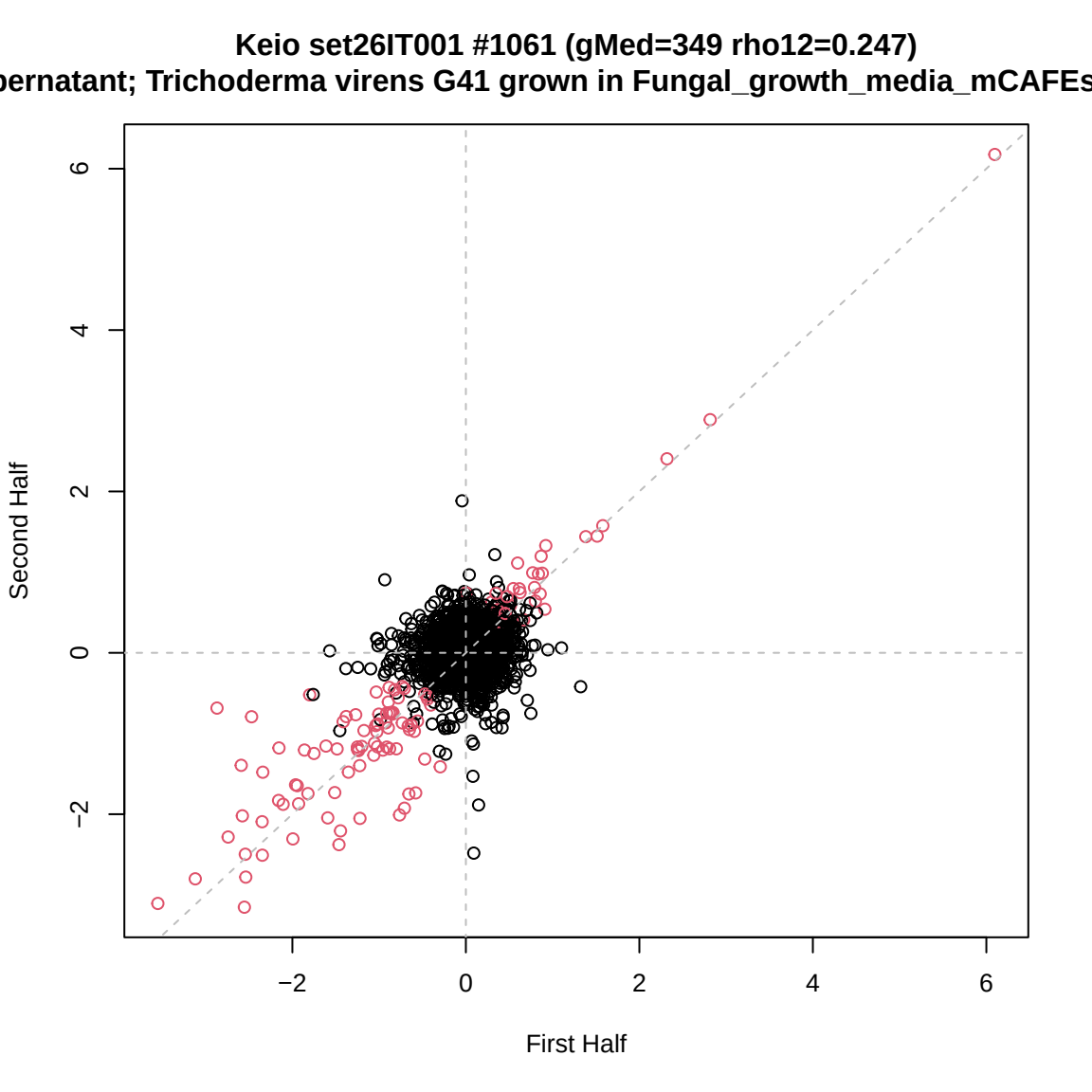

Keio set22IT080 #1055 (gMed=264 rho12=0.176)
T7_phage 0.0000015625 MOI TC6
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

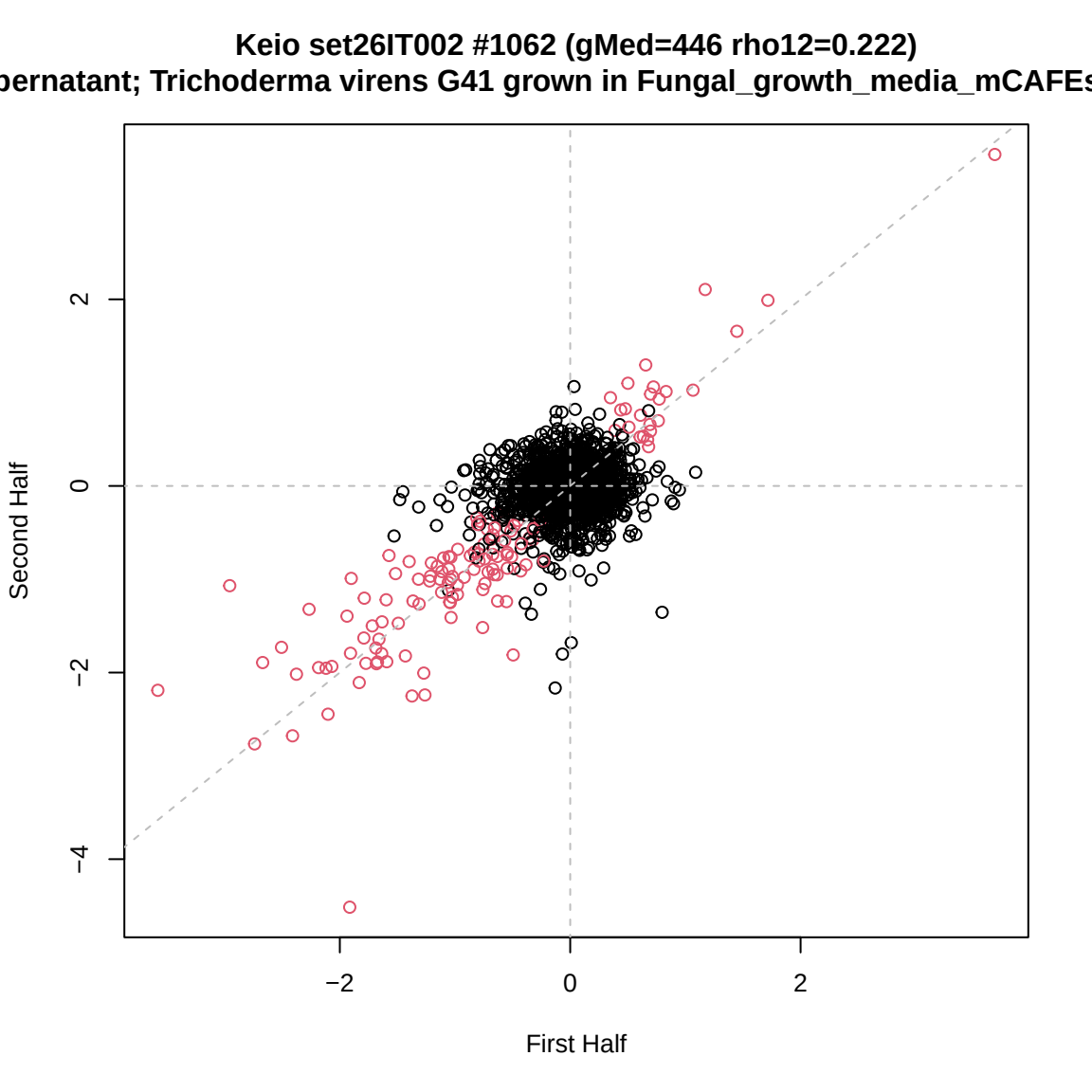

Keio set25S2 #1057 (gMed=254 rho12=0.207)
1/2ON soft
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

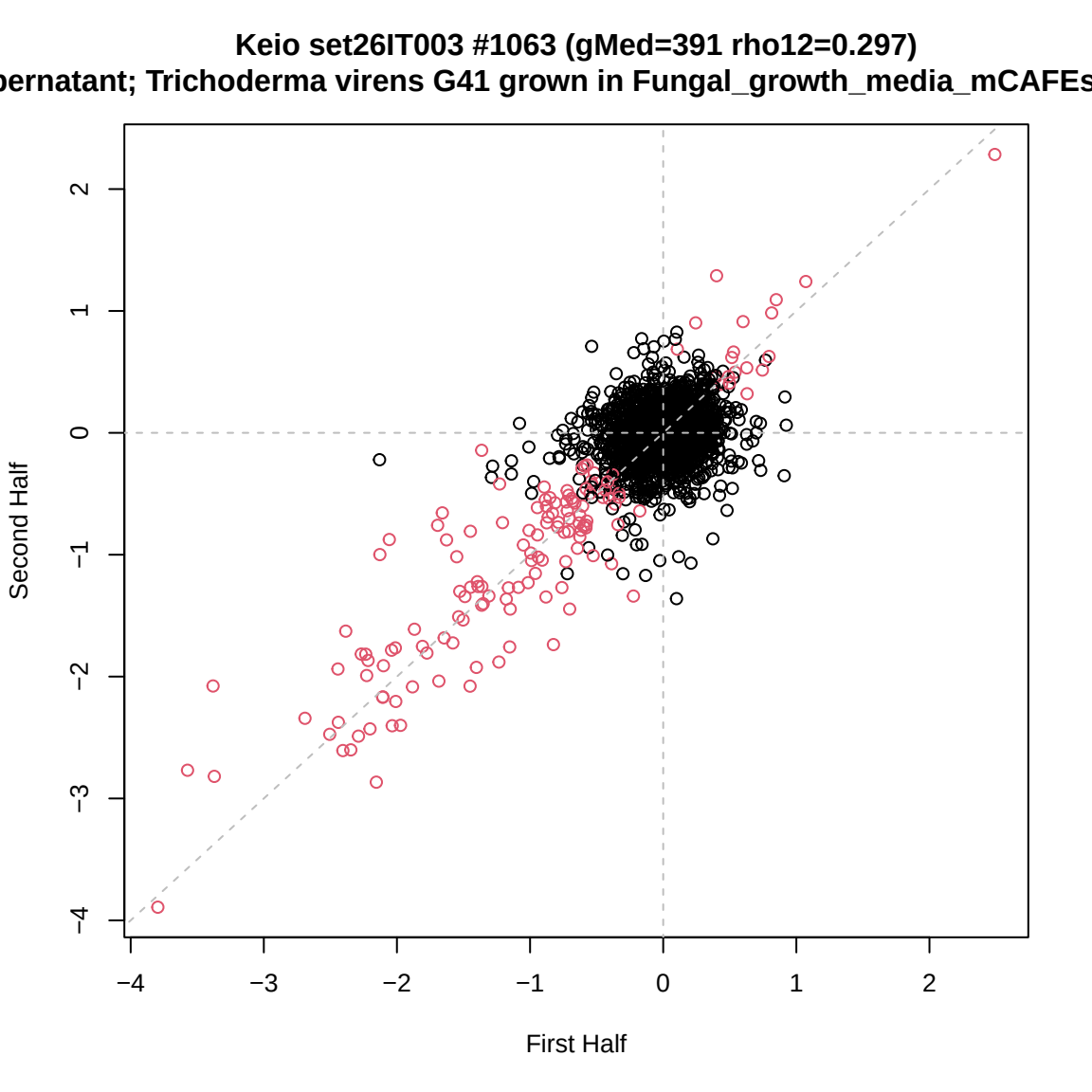

Keio set25S3 #1058 (gMed=252 rho12=0.238)
1/2ON stiff
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

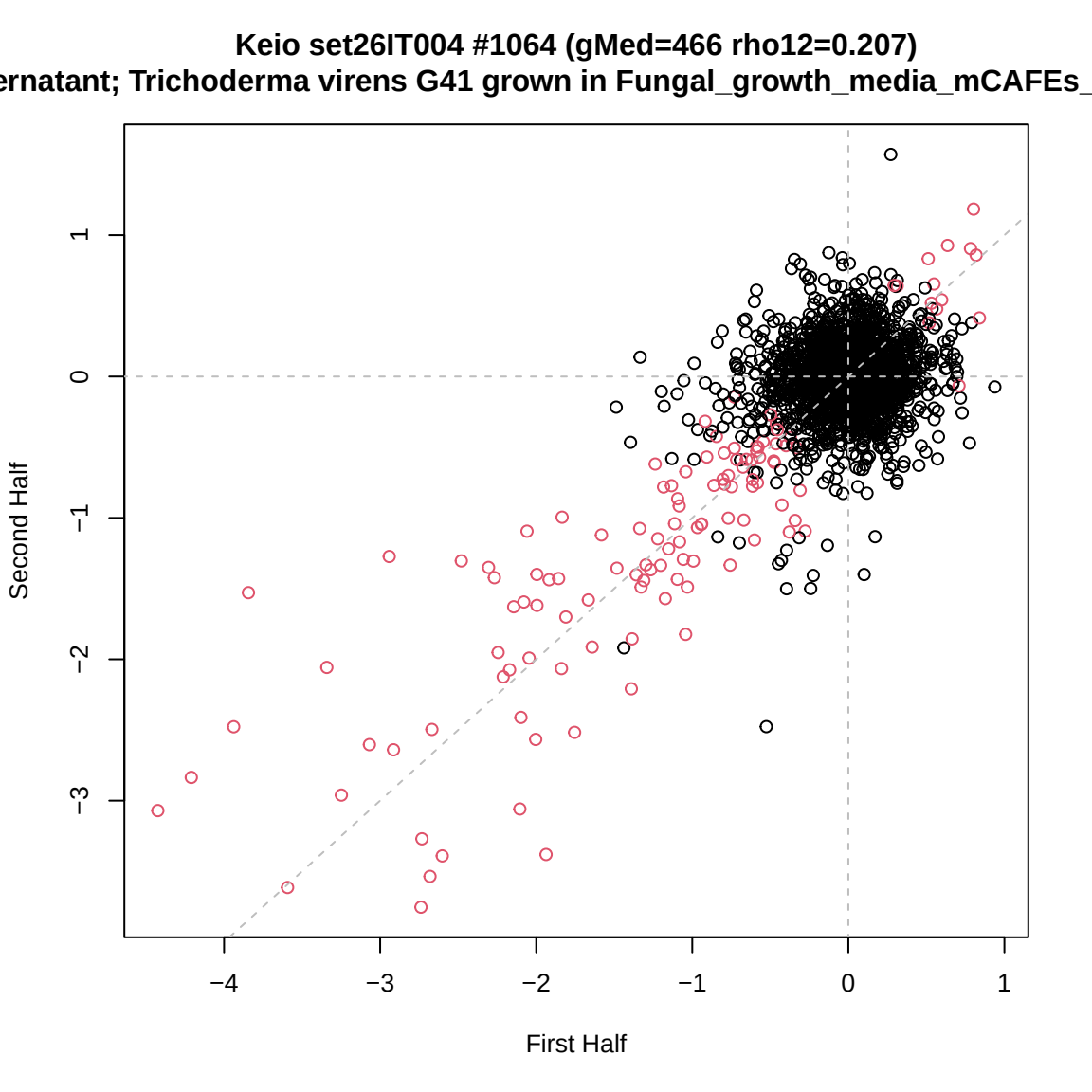

Keio set25S4 #1059 (gMed=251 rho12=0.197)
1/10ON soft
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

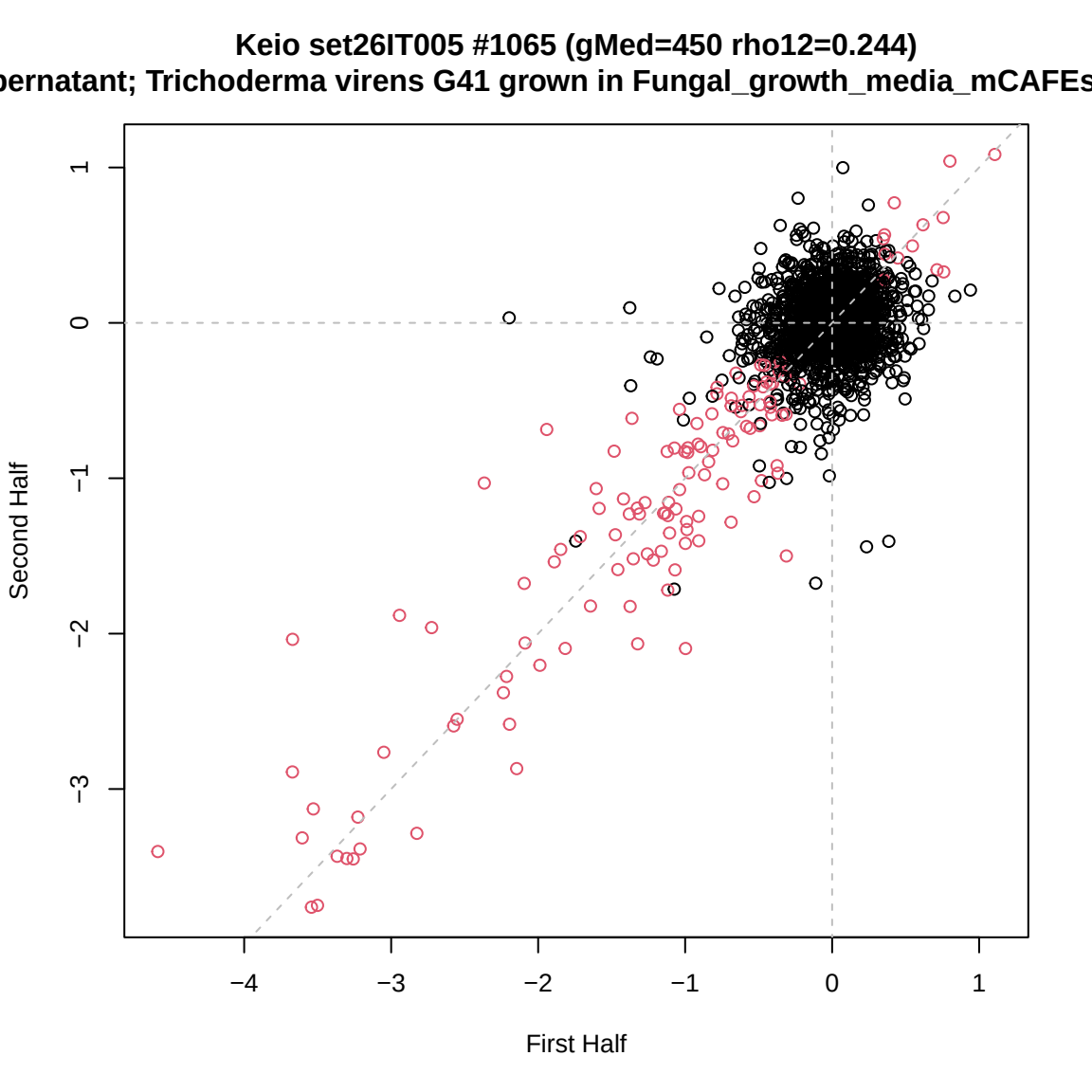

Keio set25S5 #1060 (gMed=251 rho12=0.228)
1/10ON stiff
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

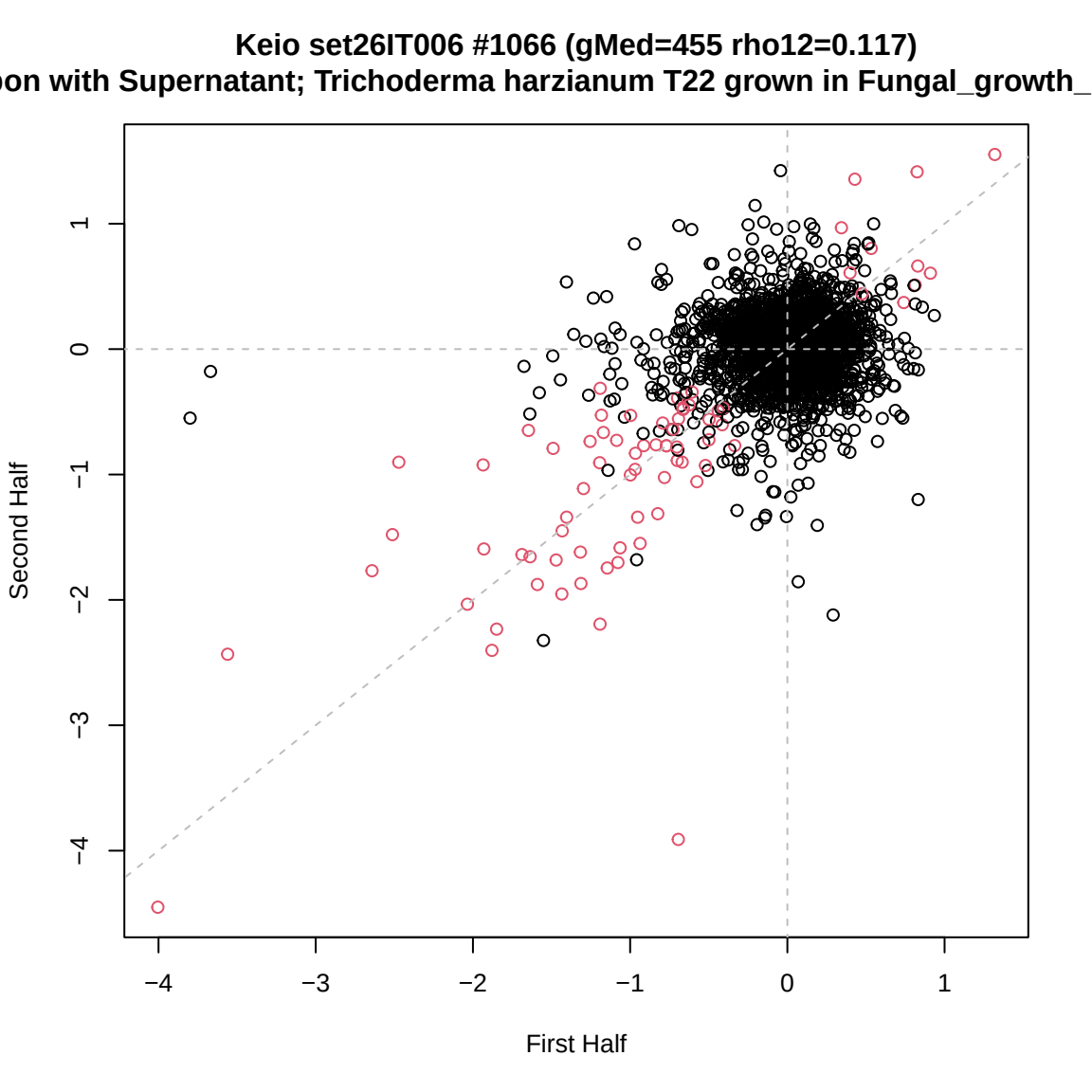

Keio set26IT001 #1061 (gMed=349 rho12=0.247)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

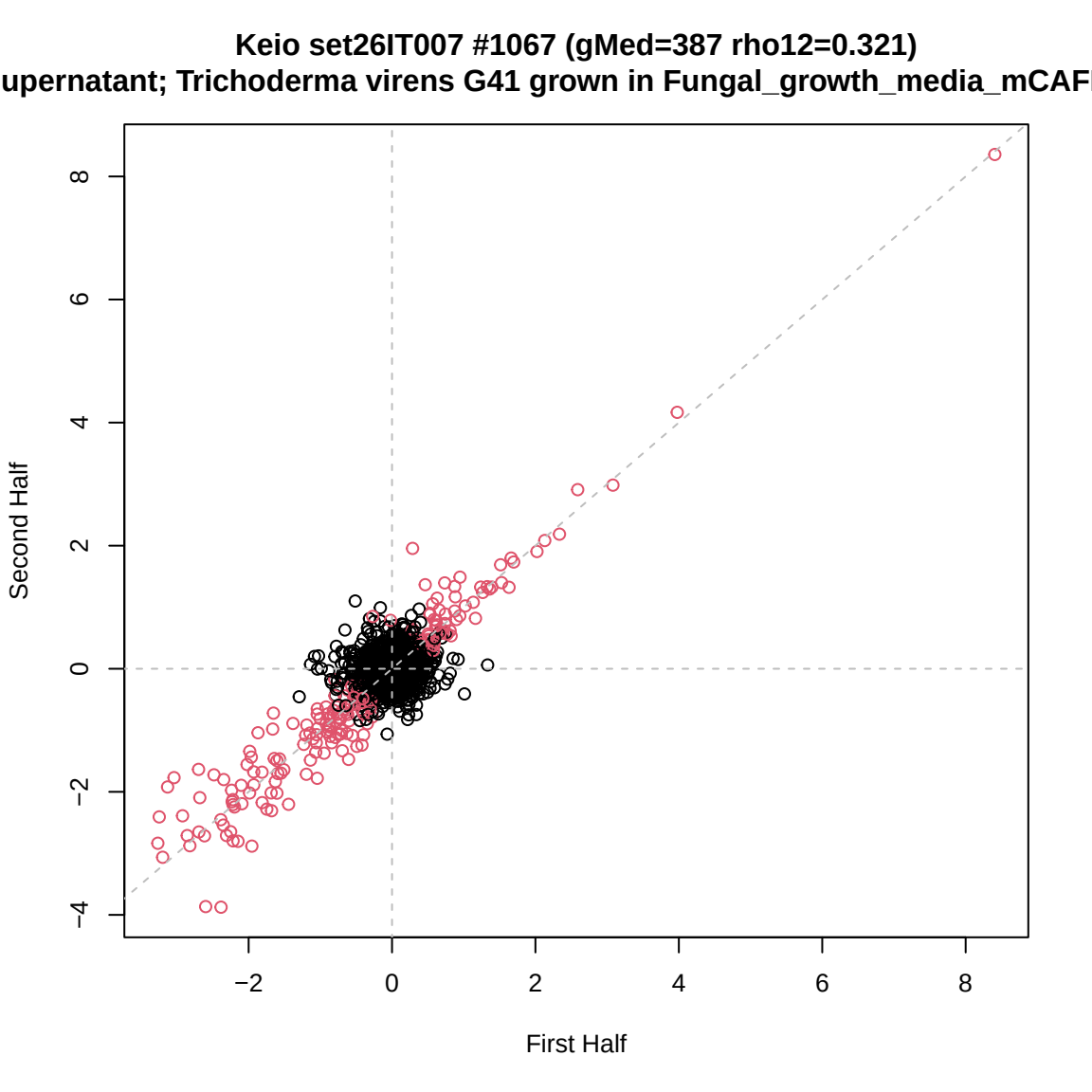

Keio set26IT002 #1062 (gMed=446 rho12=0.222)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
2
0
−2
−4
−2
0
2

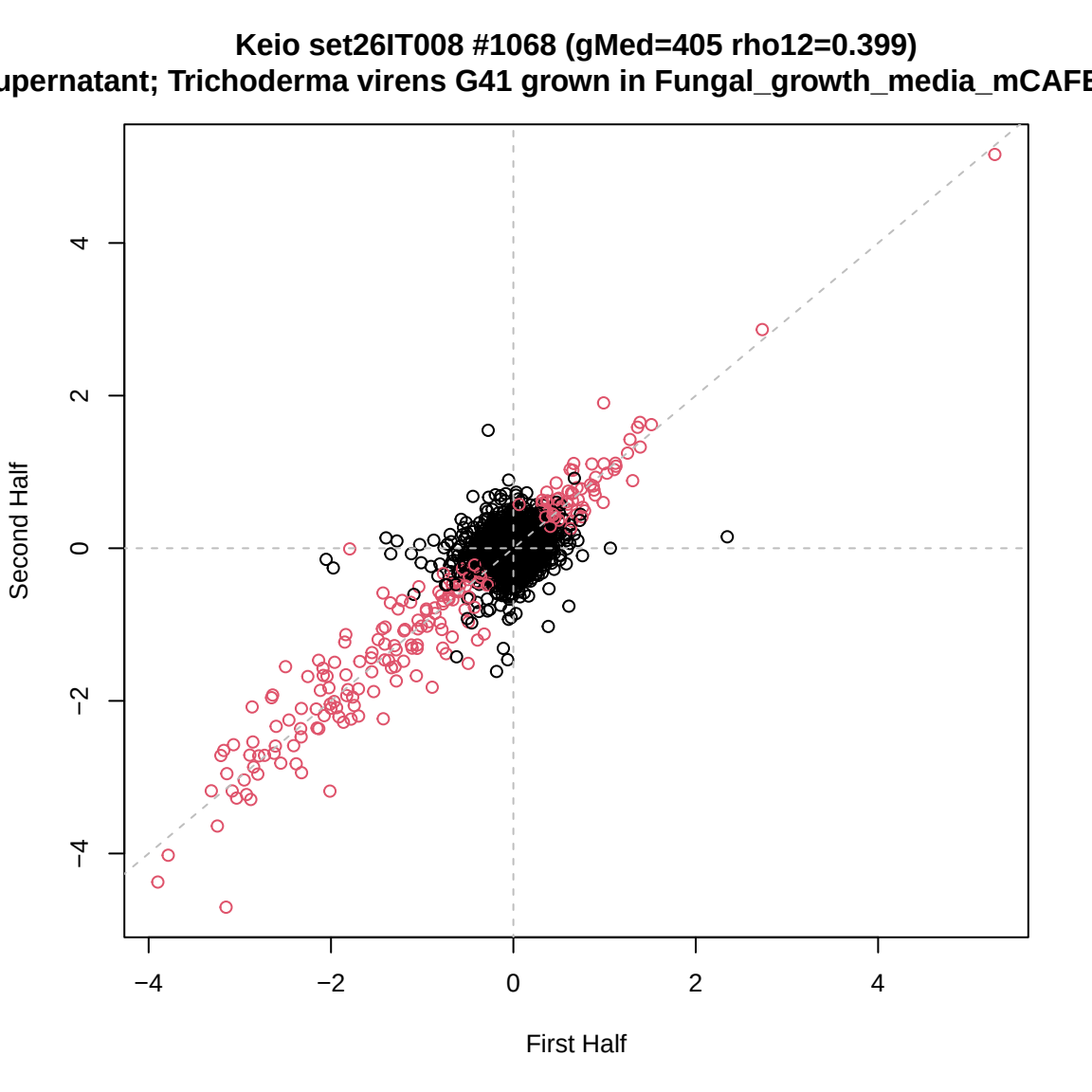

Keio set26IT003 #1063 (gMed=391 rho12=0.297)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

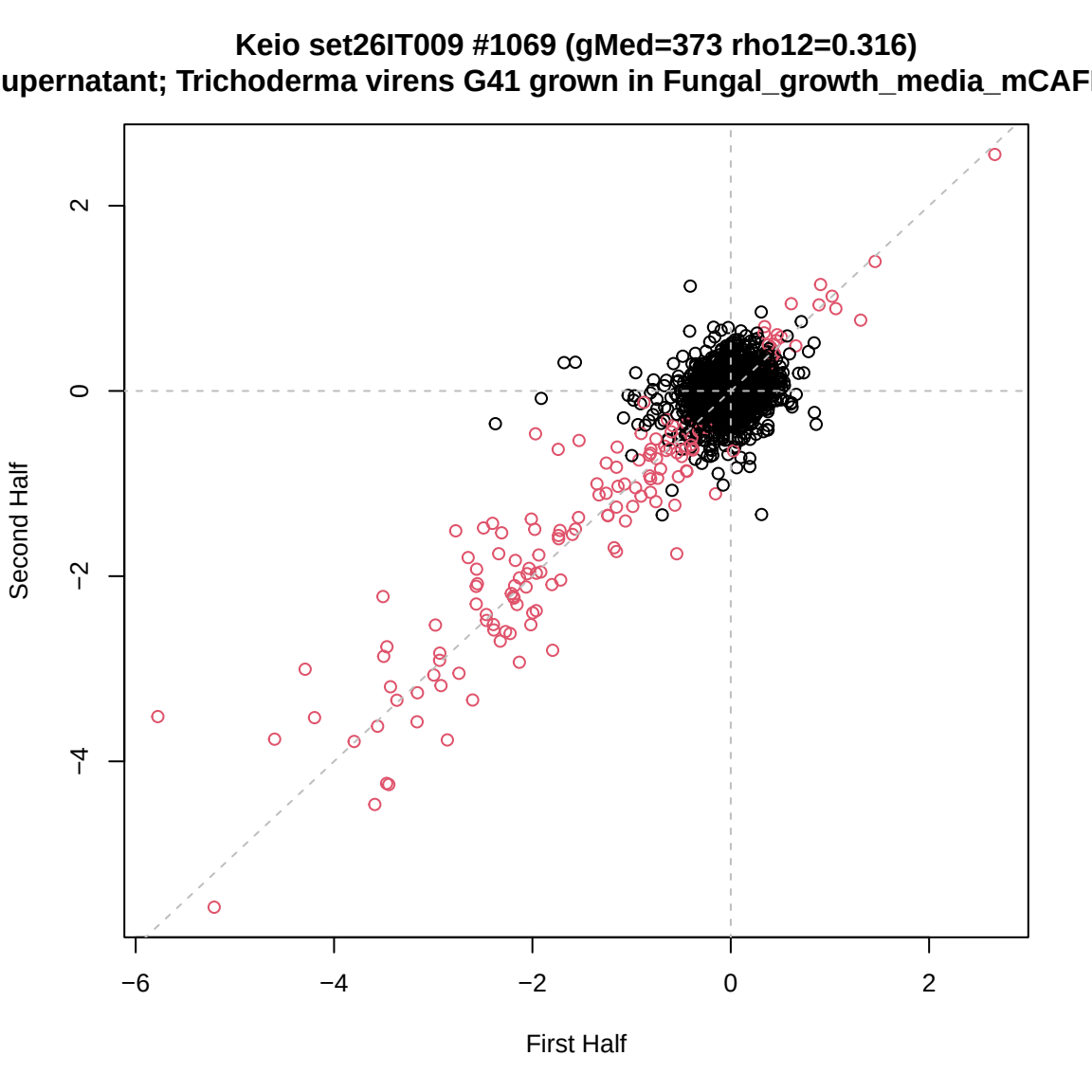

Keio set26IT004 #1064 (gMed=466 rho12=0.207)
ernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs_
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

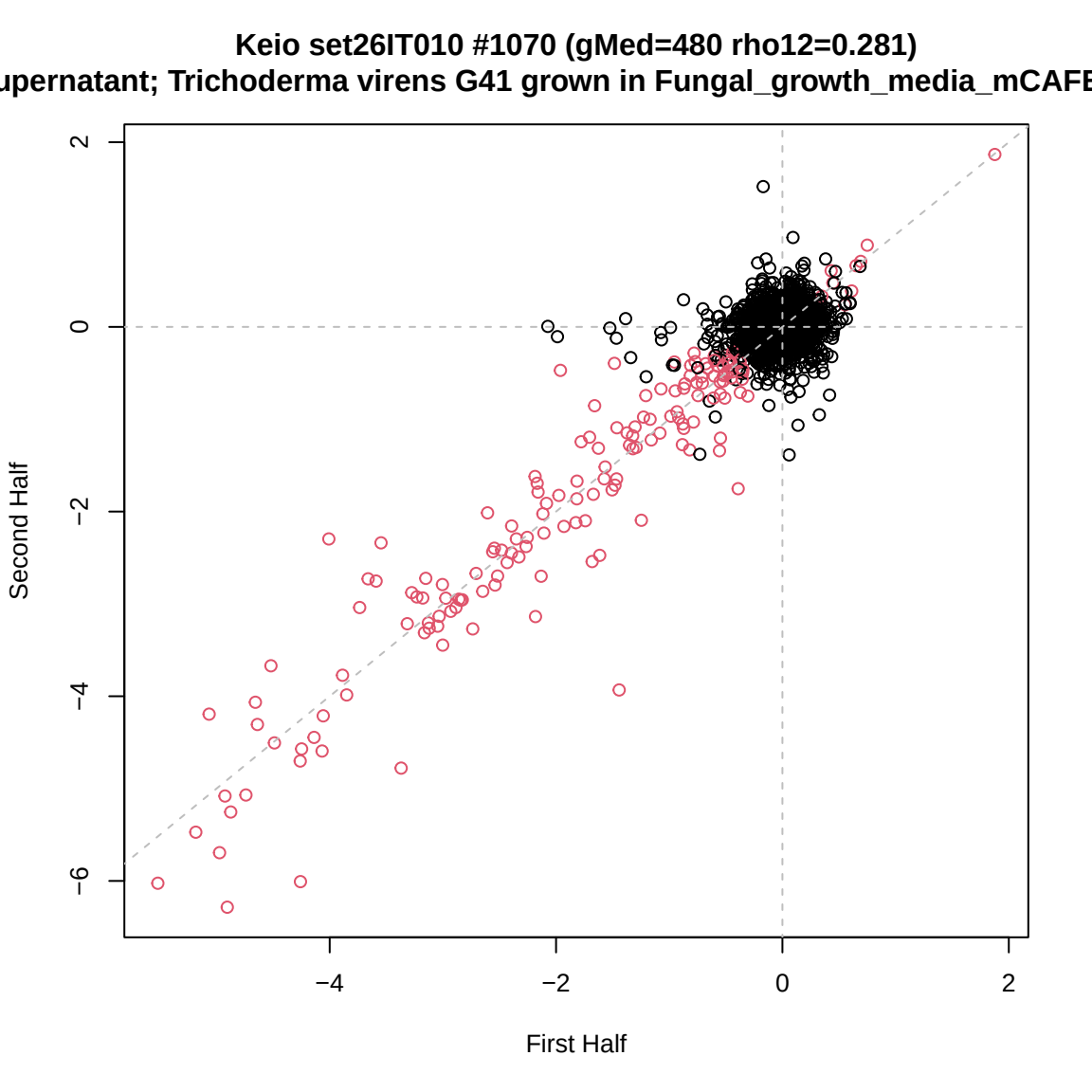

Keio set26IT005 #1065 (gMed=450 rho12=0.244)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

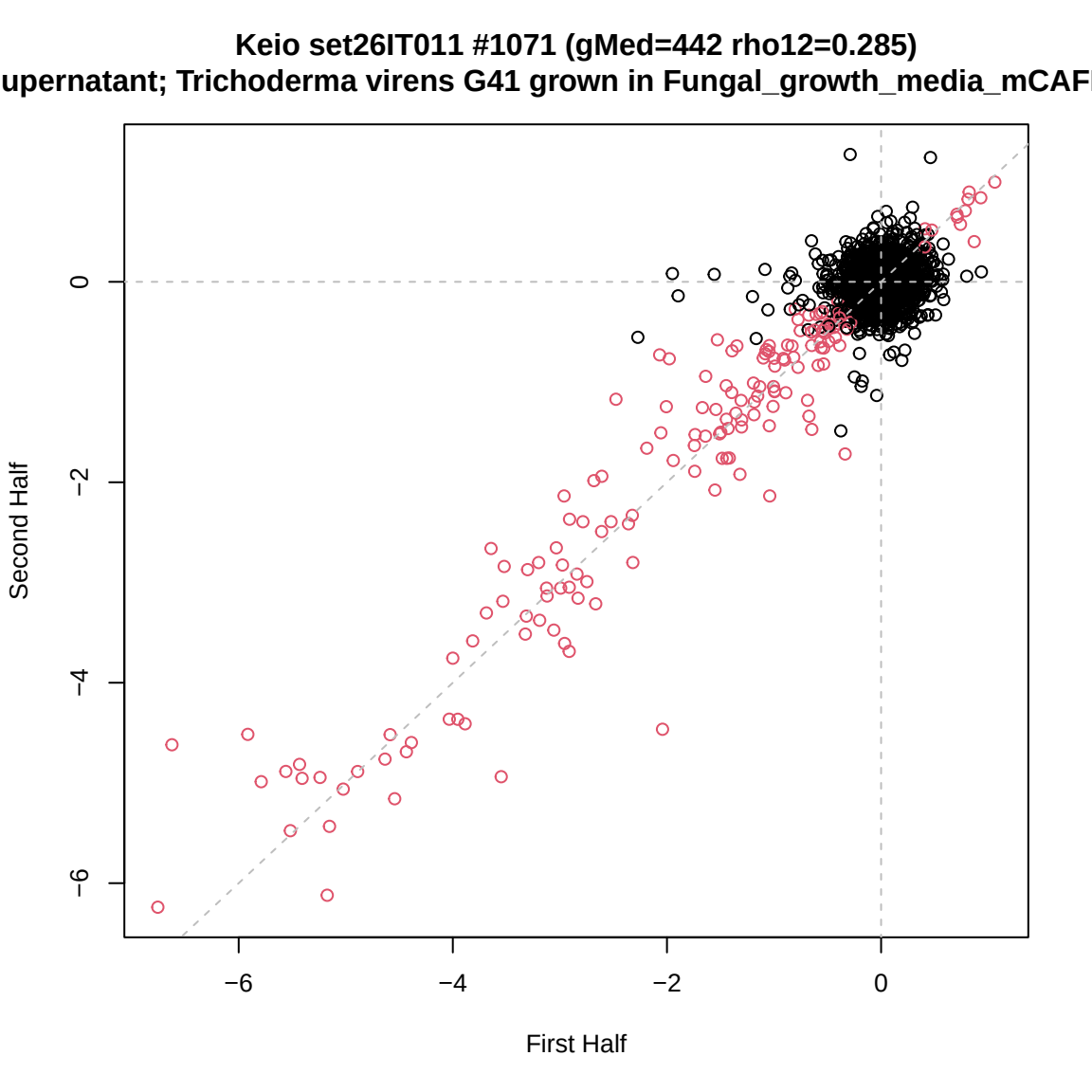

Keio set26IT006 #1066 (gMed=455 rho12=0.117)
on with Supernatant; Trichoderma harzianum T22 grown in Fungal_growth_
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

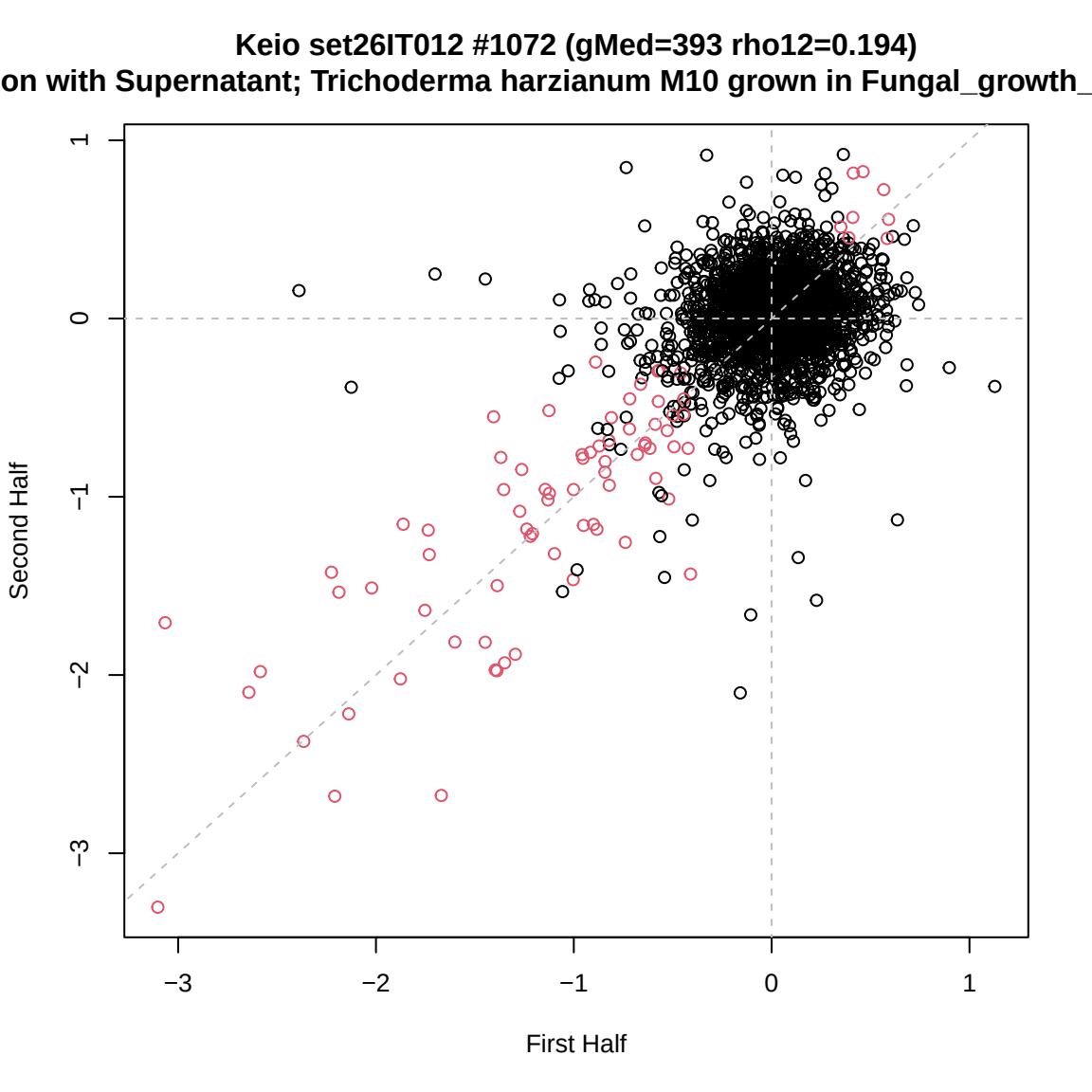

Keio set26IT007 #1067 (gMed=387 rho12=0.321)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAF
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

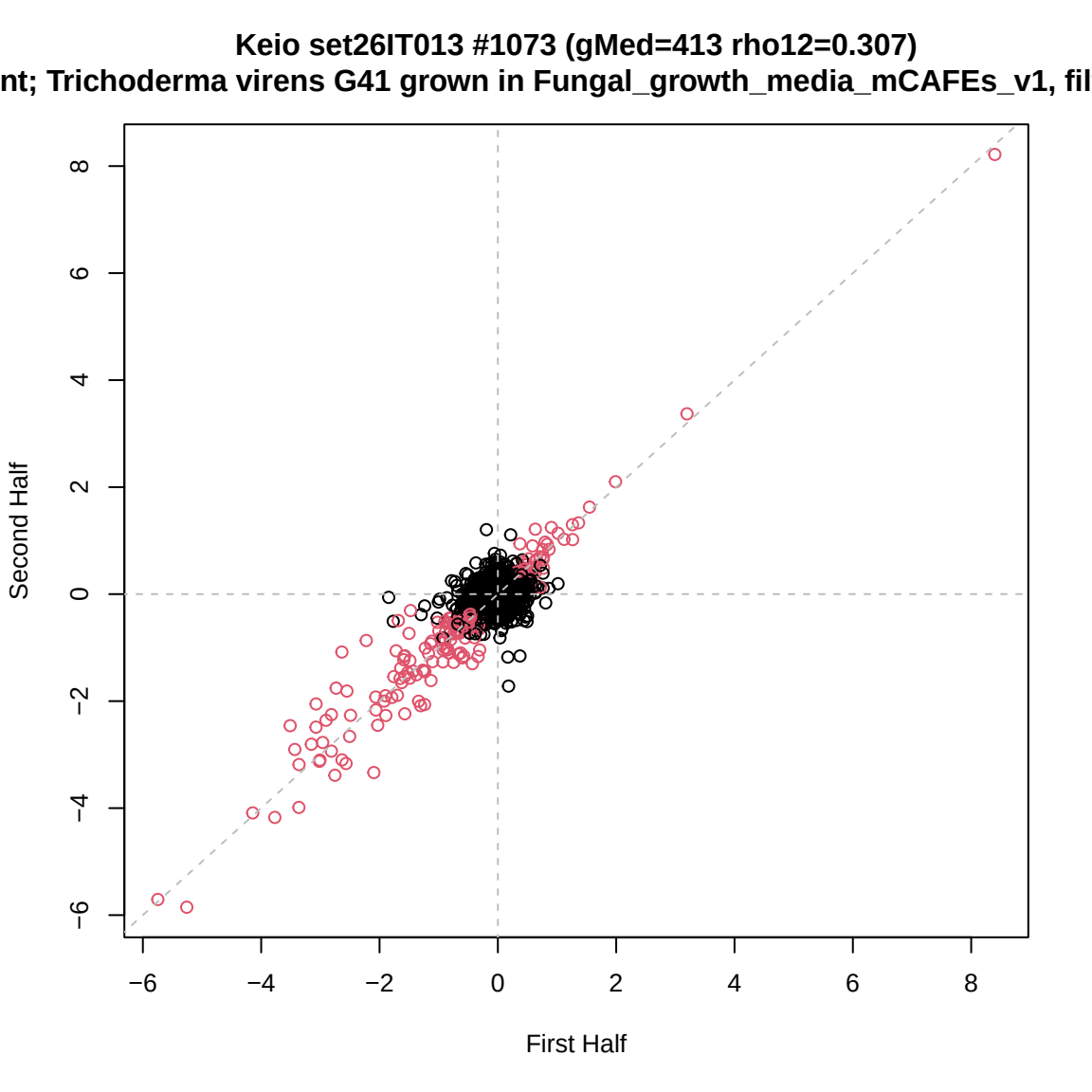

Keio set26IT008 #1068 (gMed=405 rho12=0.399)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFE
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

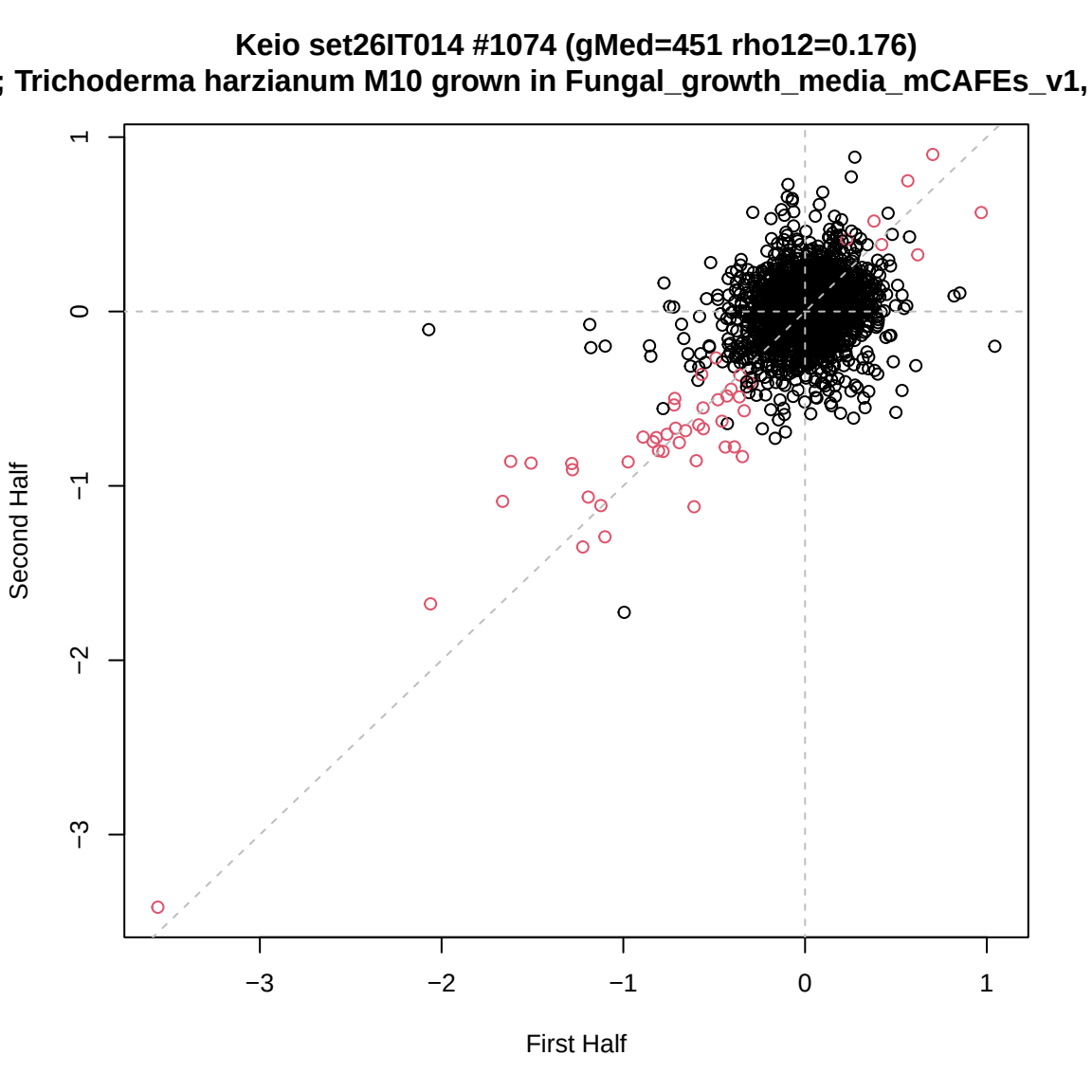

Keio set26IT009 #1069 (gMed=373 rho12=0.316)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAF
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

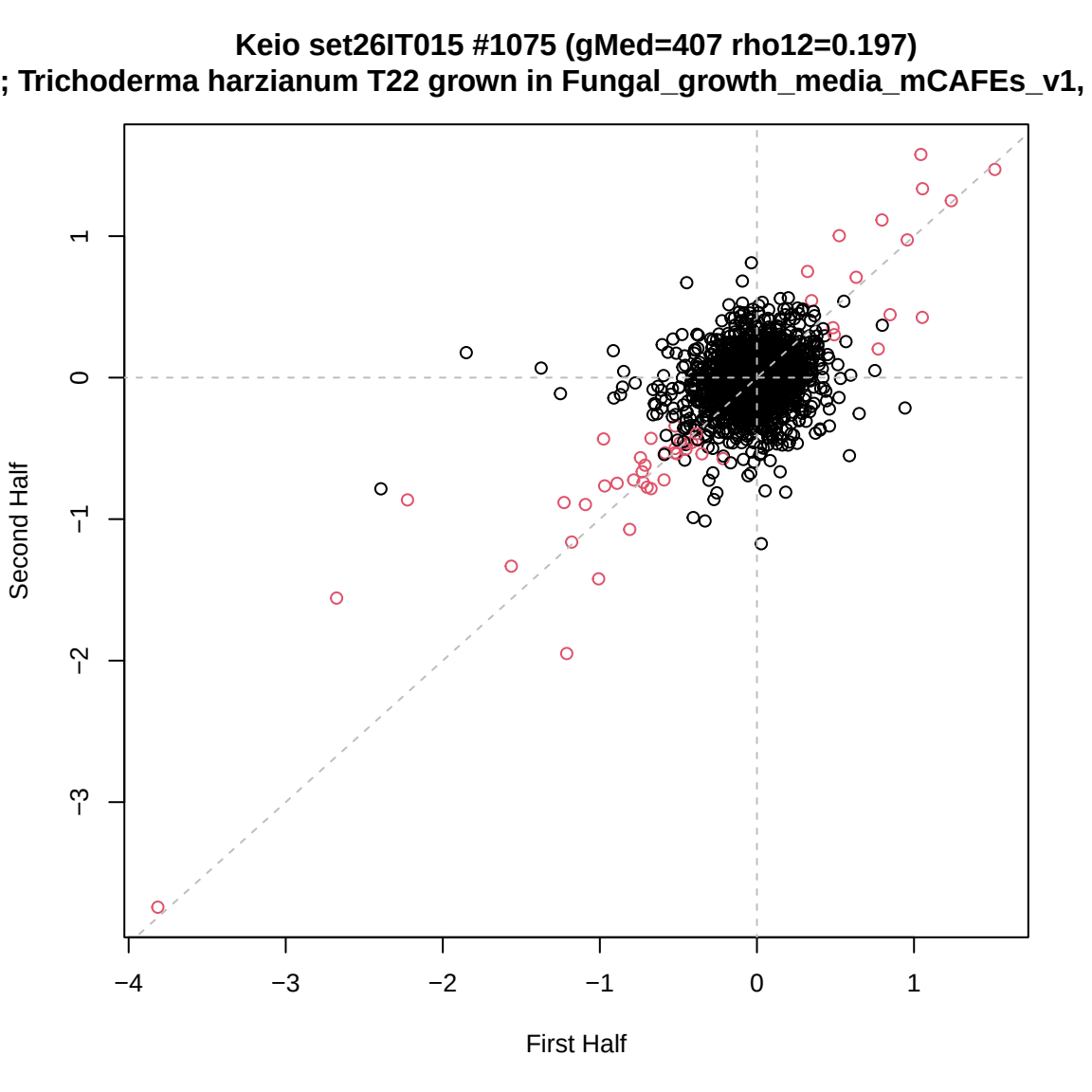

Keio set26IT010 #1070 (gMed=480 rho12=0.281)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFE
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

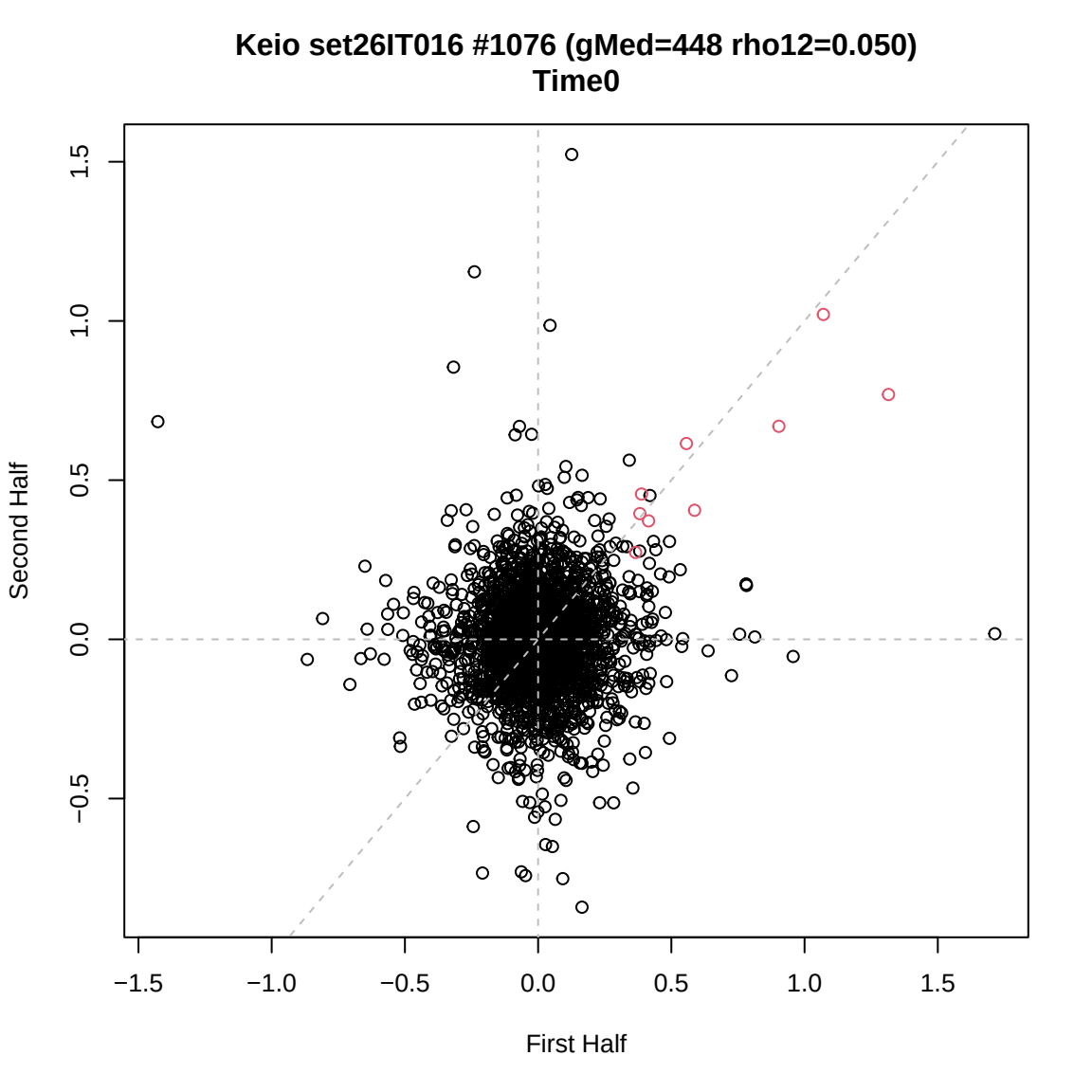

Keio set26IT011 #1071 (gMed=442 rho12=0.285)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAF
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

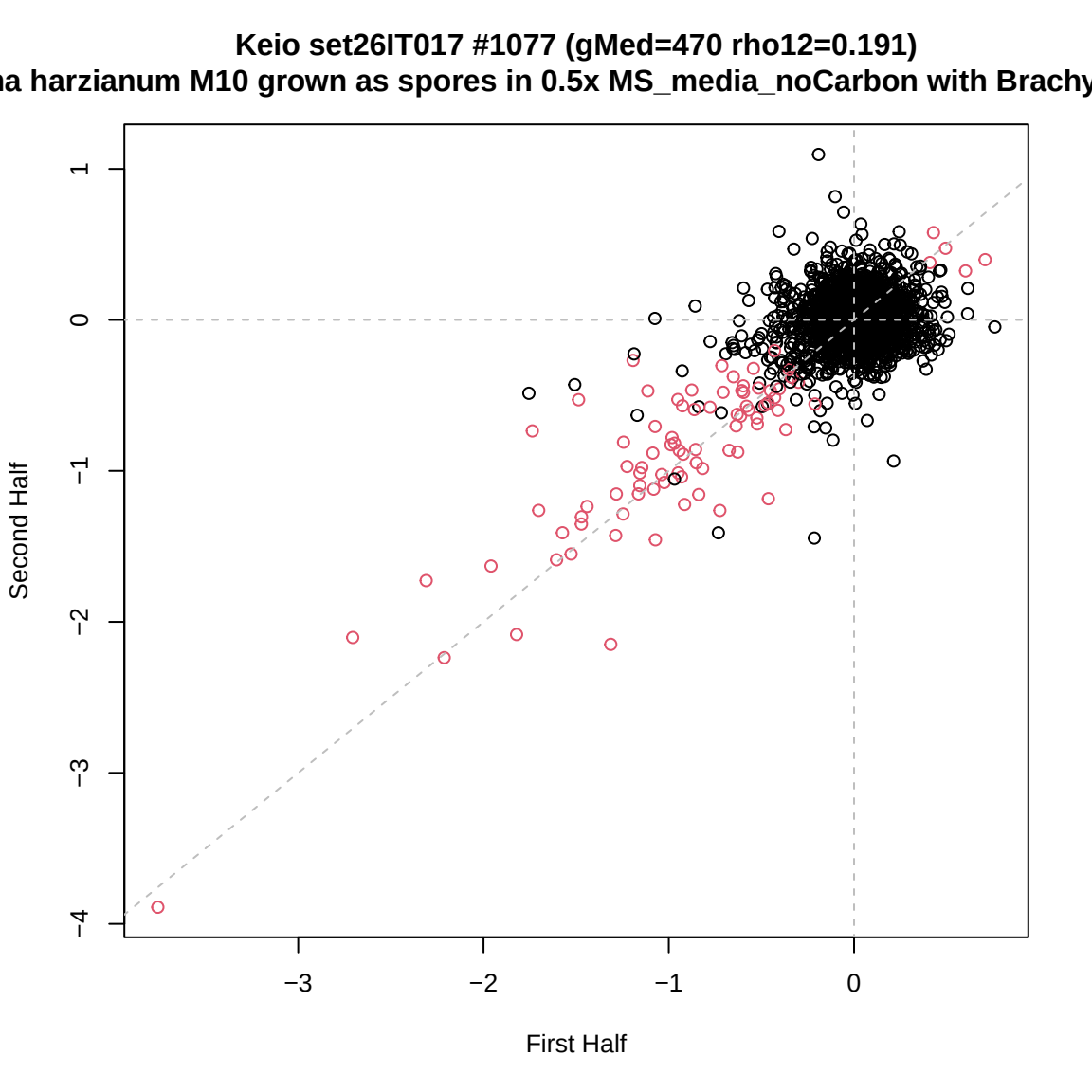

Keio set26IT012 #1072 (gMed=393 rho12=0.194)
on with Supernatant; Trichoderma harzianum M10 grown in Fungal_growth_
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

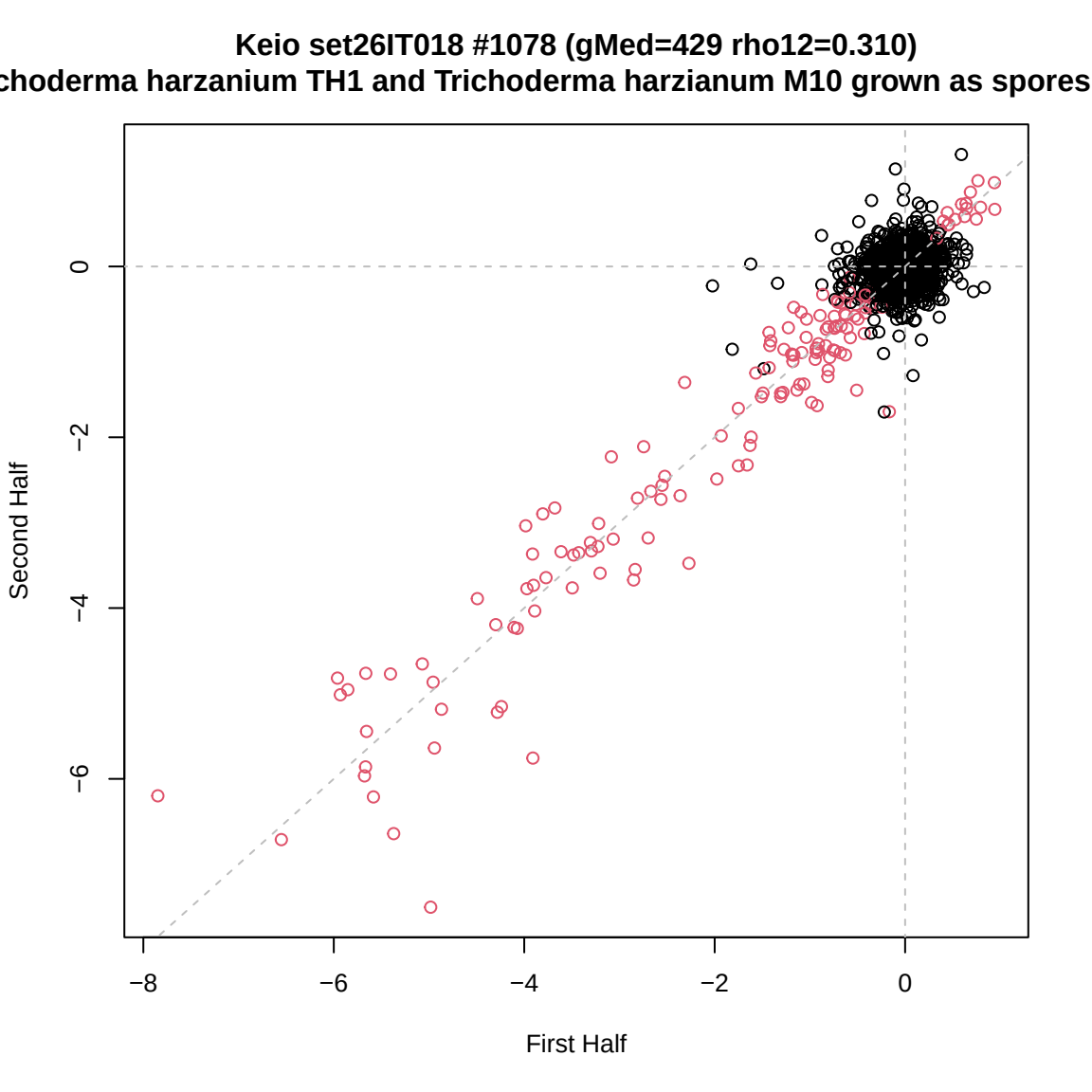

Keio set26IT013 #1073 (gMed=413 rho12=0.307)
nt; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs_v1, fil
Second Half
First Half
−6
−4
−2
0
2
4
6
8

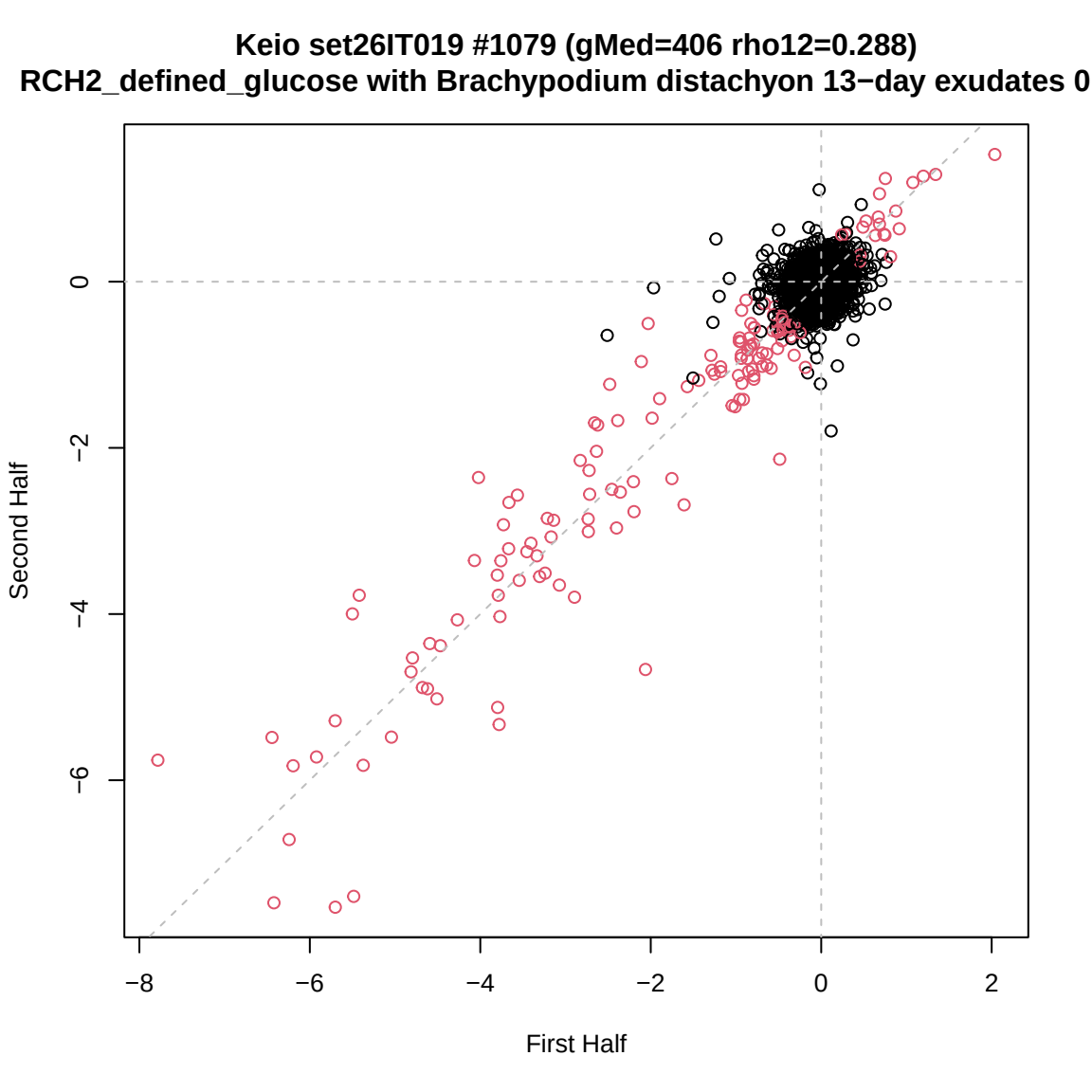

Keio set26IT014 #1074 (gMed=451 rho12=0.176)
; Trichoderma harzianum M10 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

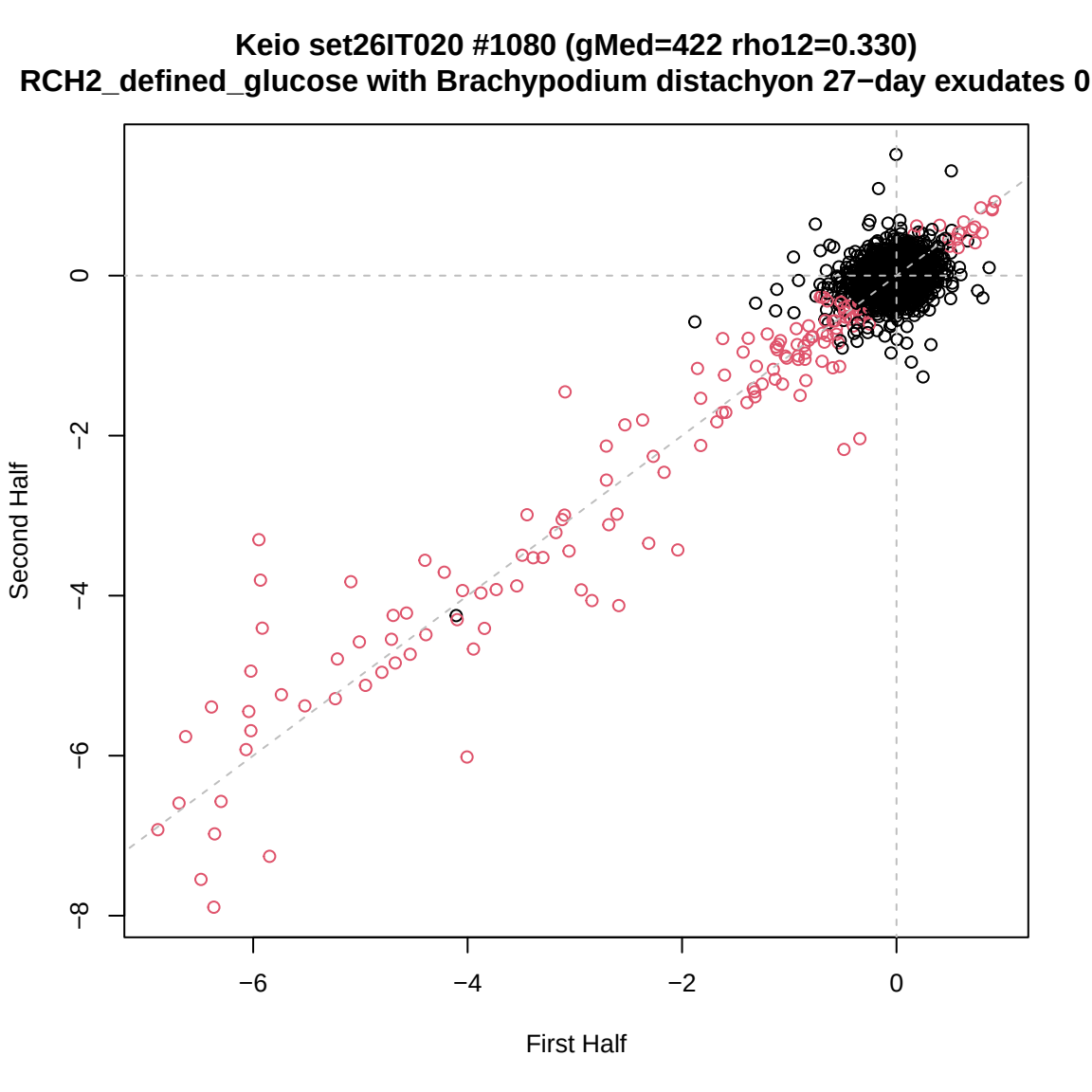

Keio set26IT015 #1075 (gMed=407 rho12=0.197)
; Trichoderma harzianum T22 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

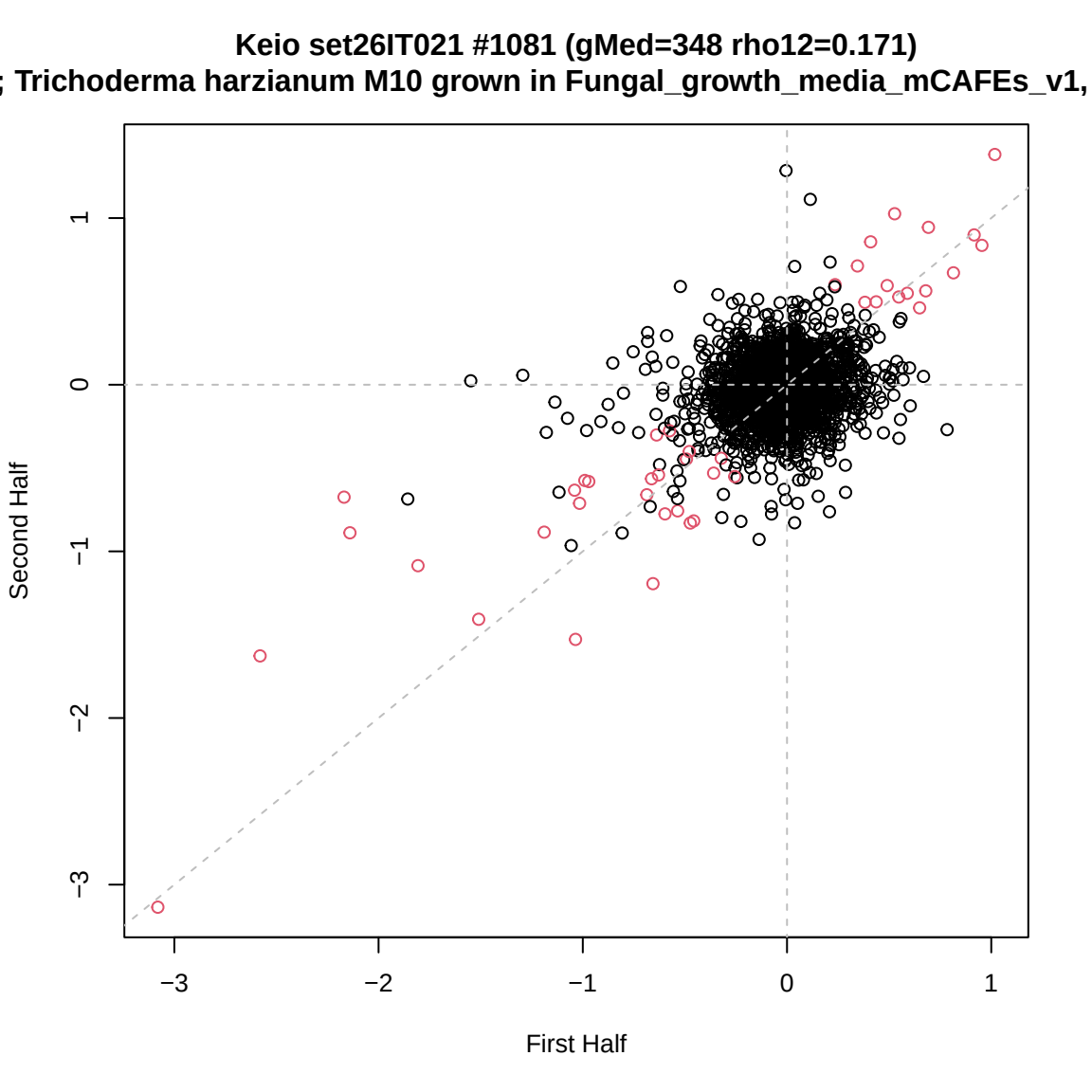

Keio set26IT016 #1076 (gMed=448 rho12=0.050)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

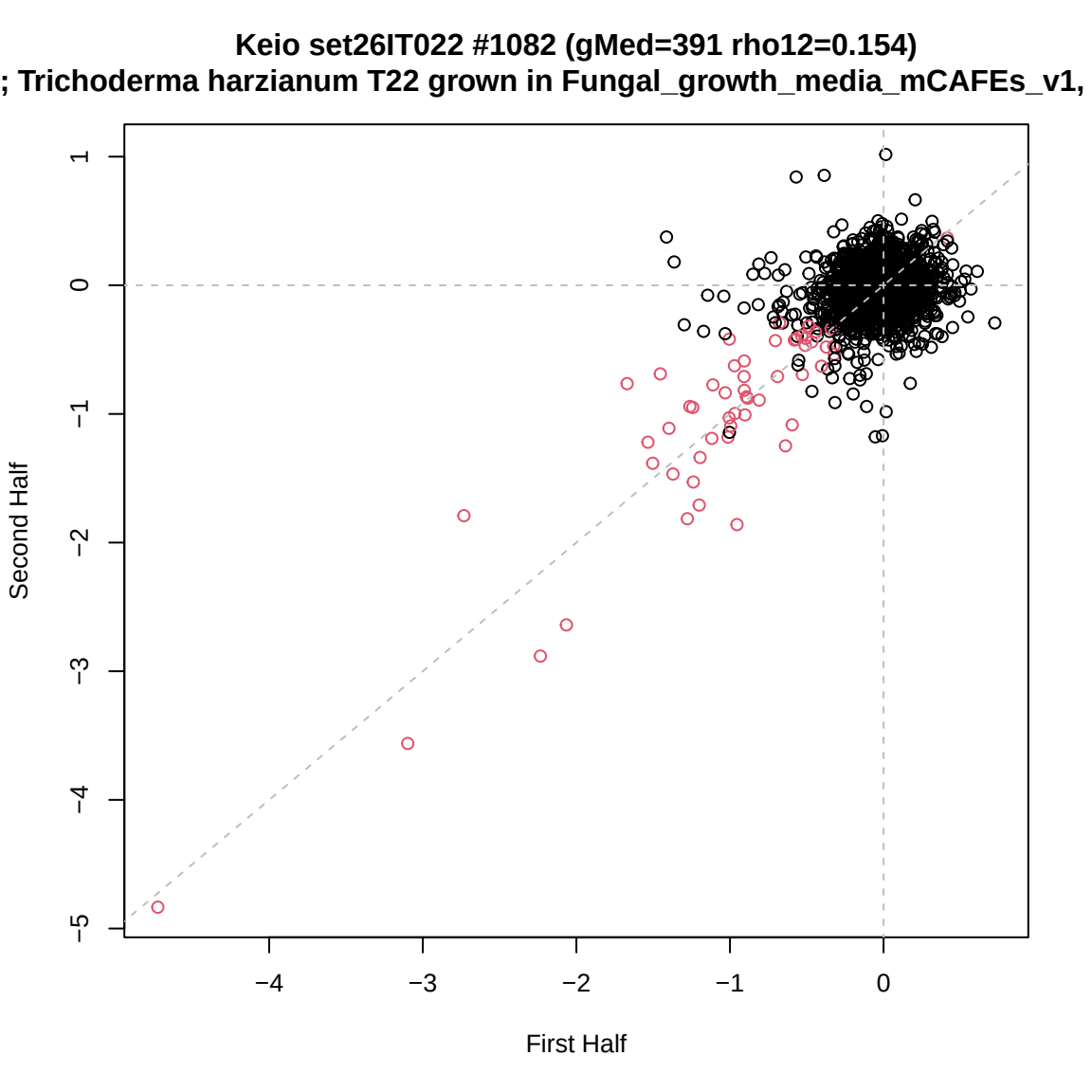

Keio set26IT017 #1077 (gMed=470 rho12=0.191)
ha harzianum M10 grown as spores in 0.5x MS_media_noCarbon with Brachy
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0

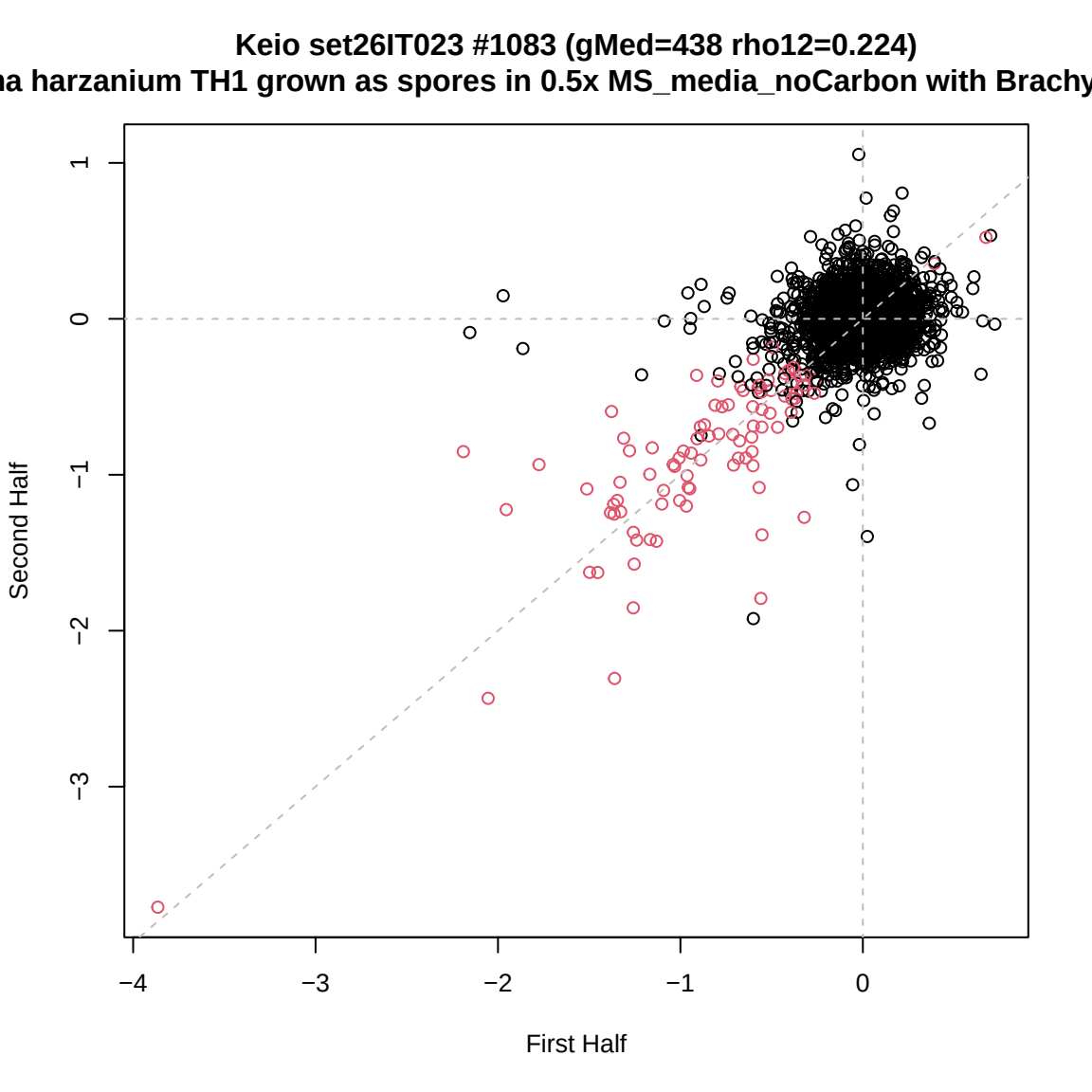

Keio set26IT018 #1078 (gMed=429 rho12=0.310)
choderma harzanium TH1 and Trichoderma harzianum M10 grown as spores
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

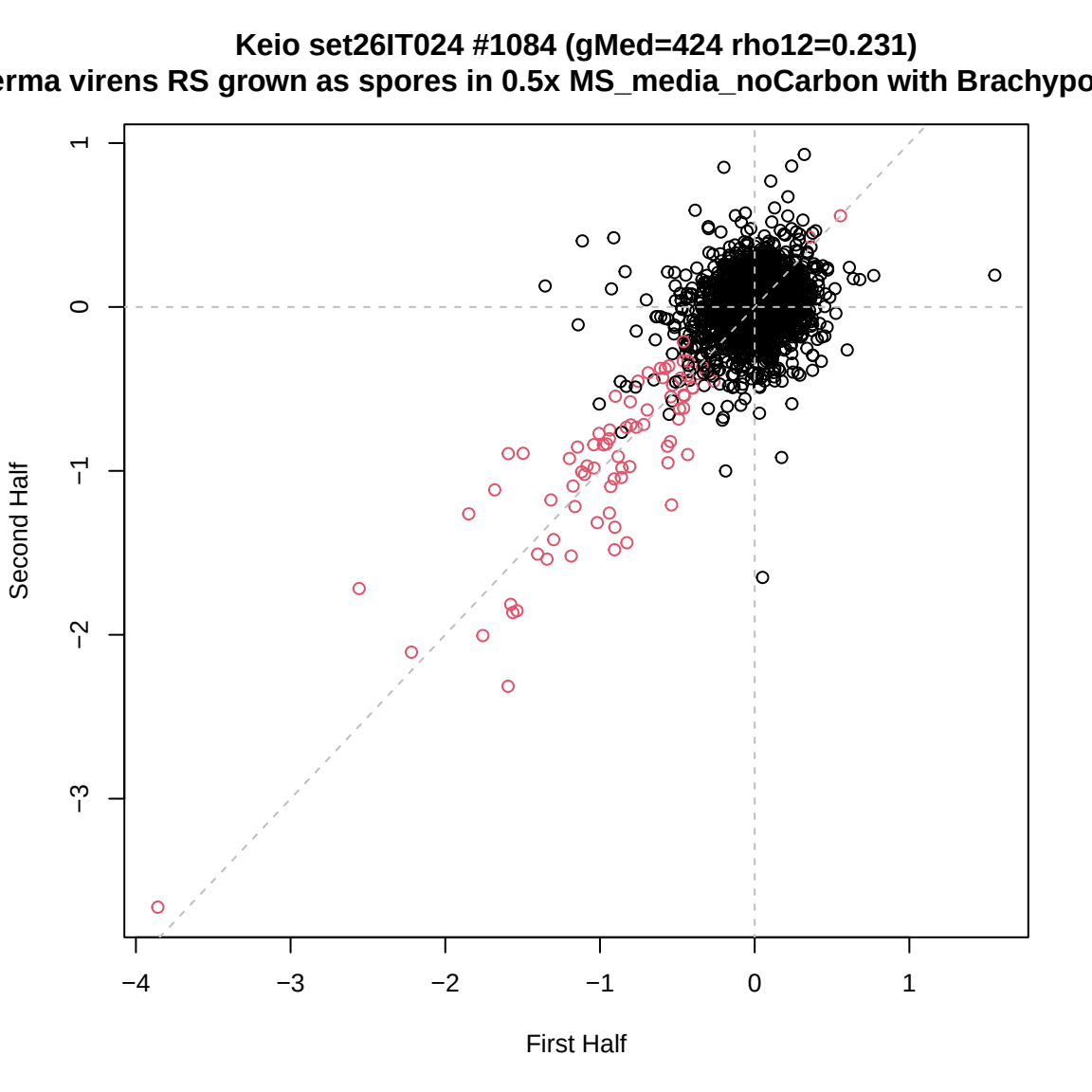

Keio set26IT019 #1079 (gMed=406 rho12=0.288)
RCH2_defined_glucose with Brachypodium distachyon 13−day exudates 0
Second Half
First Half
0
−2
−4
−6
−8
2

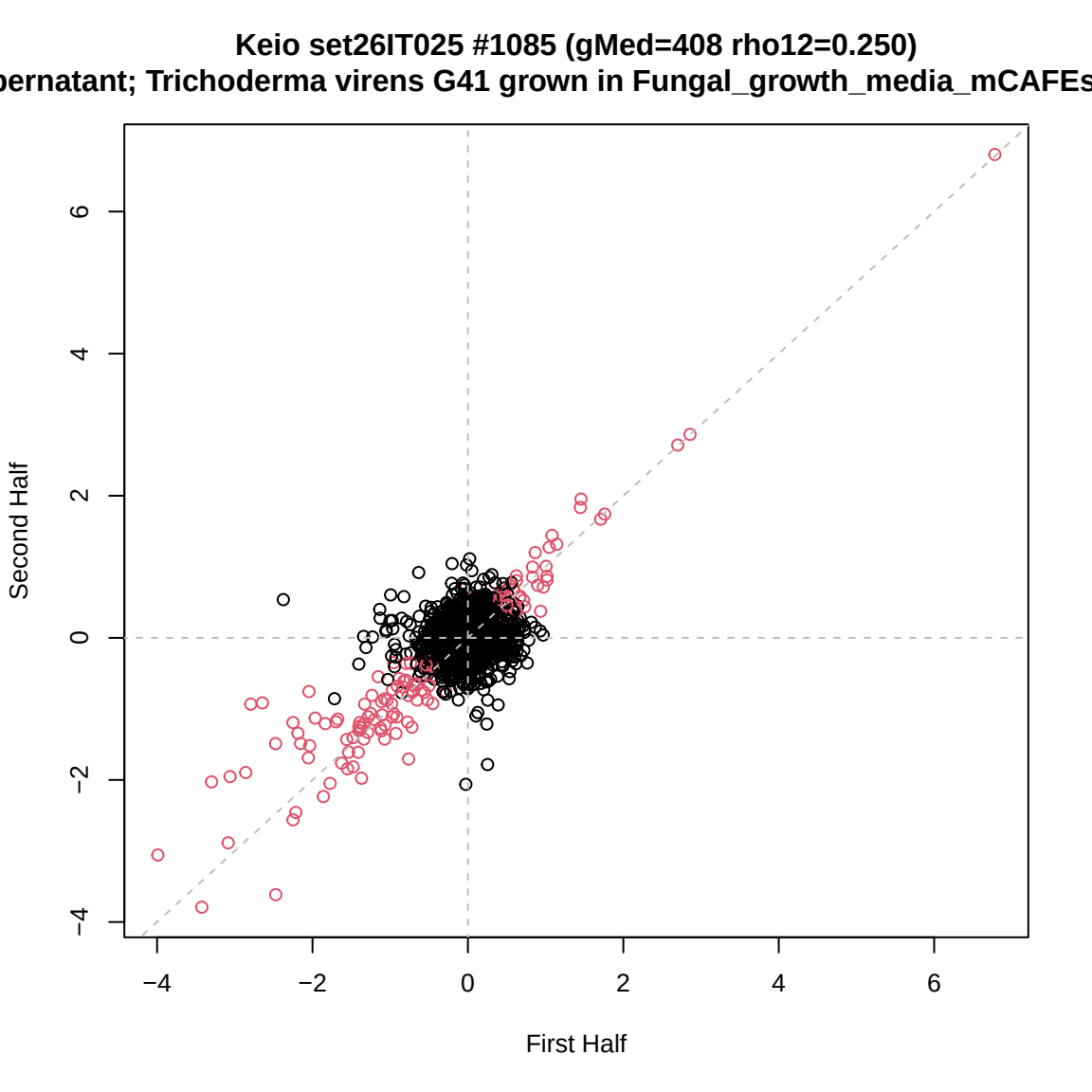

Keio set26IT020 #1080 (gMed=422 rho12=0.330)
RCH2_defined_glucose with Brachypodium distachyon 27−day exudates 0
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

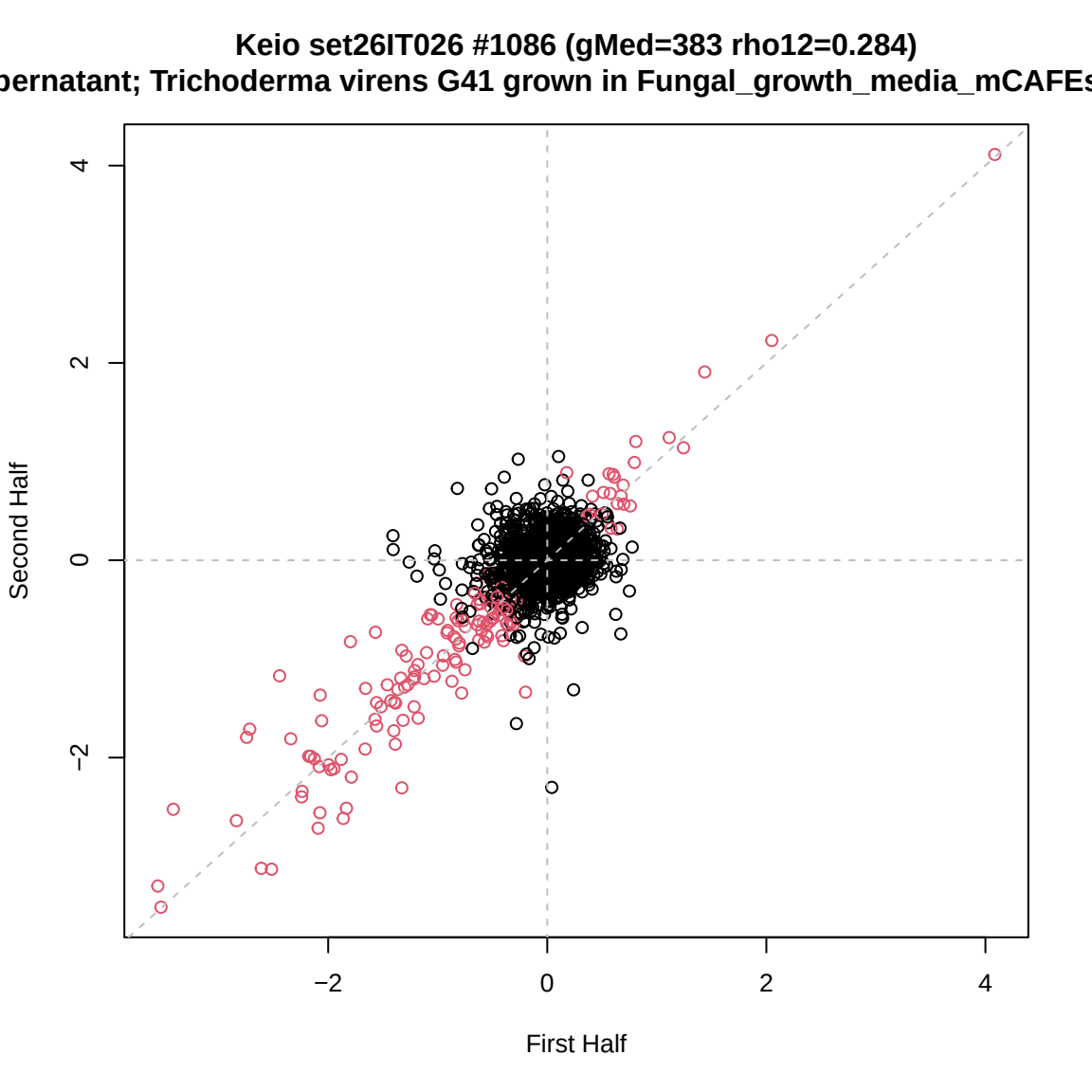

Keio set26IT021 #1081 (gMed=348 rho12=0.171)
; Trichoderma harzianum M10 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
−3
−2
−1
0
1

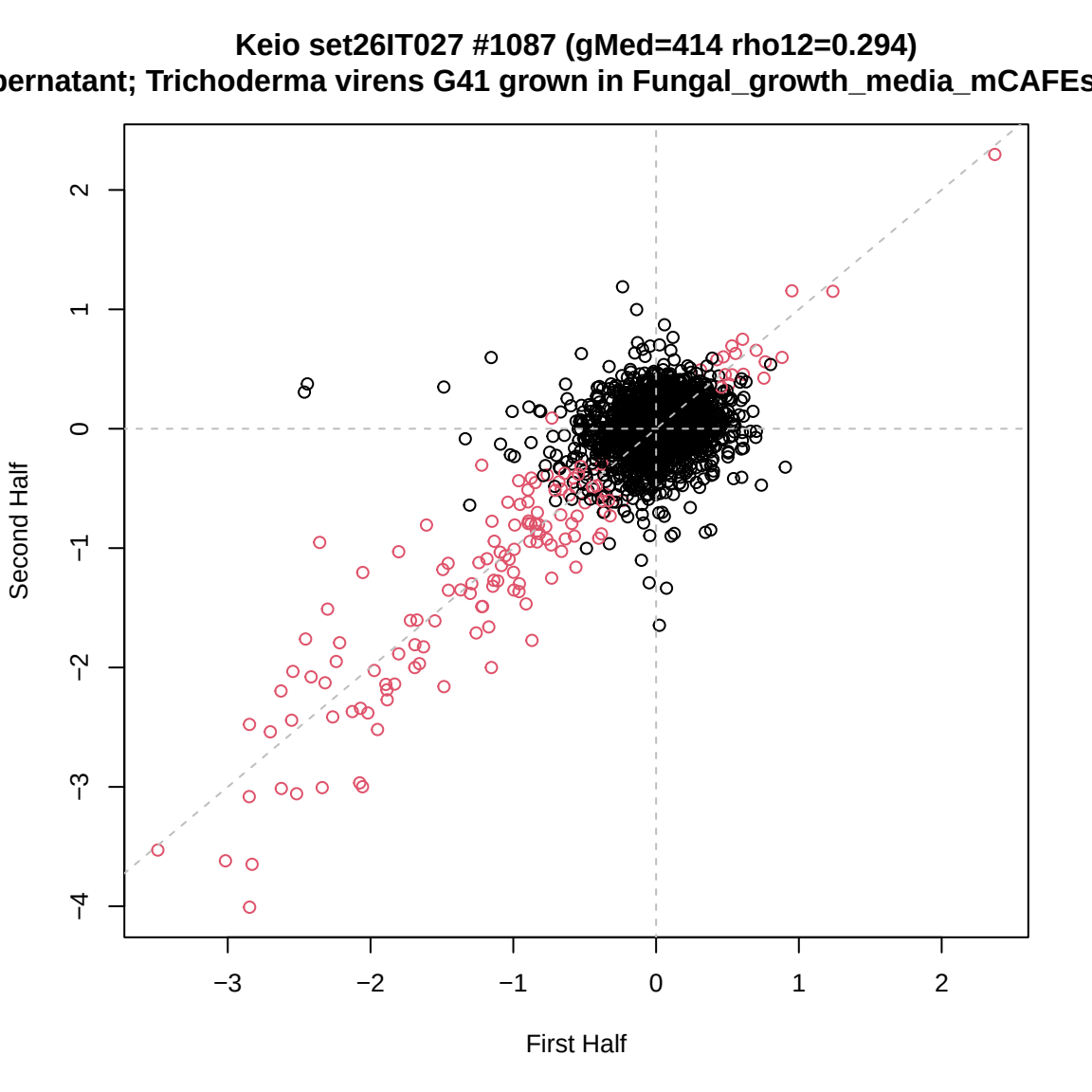

Keio set26IT022 #1082 (gMed=391 rho12=0.154)
; Trichoderma harzianum T22 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0

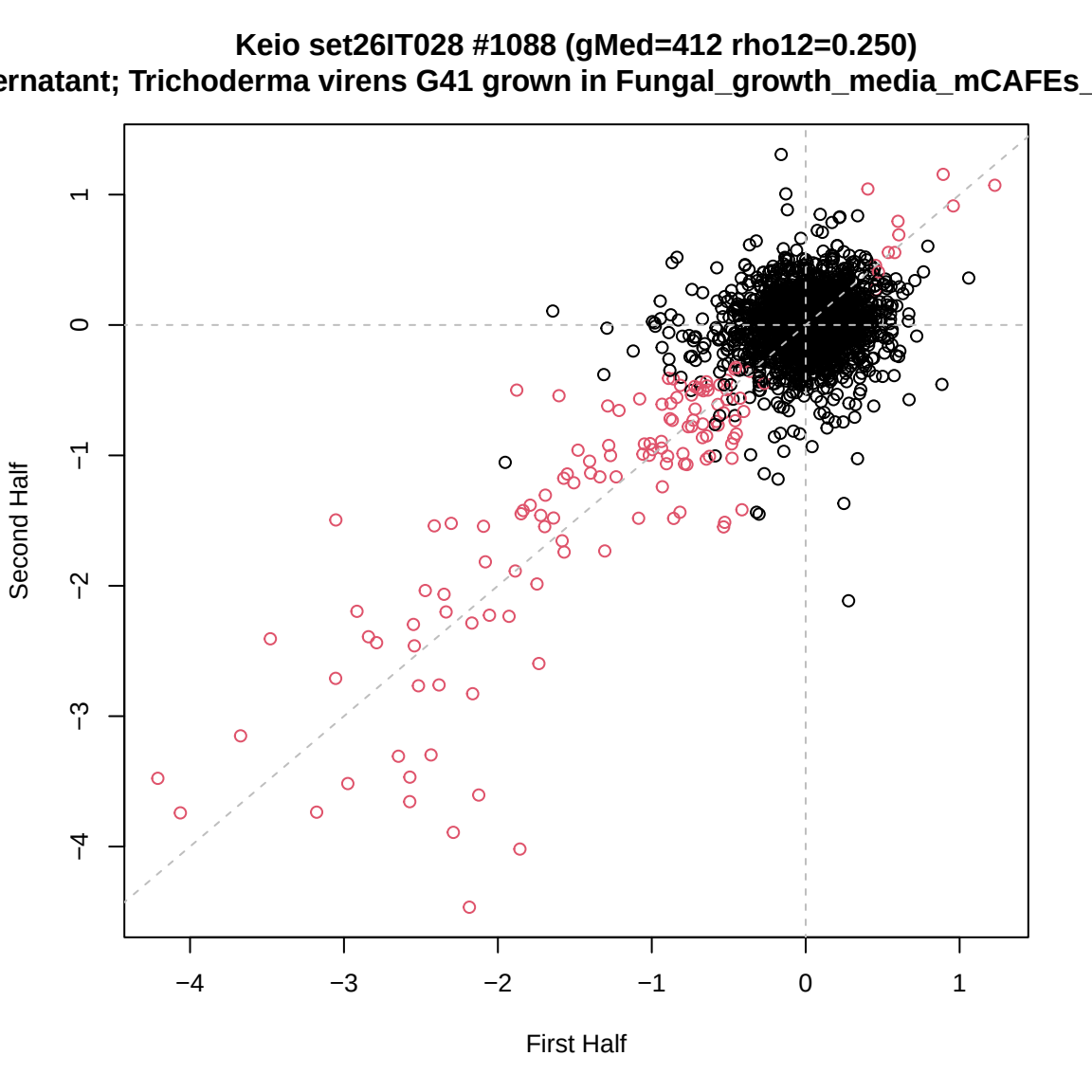

Keio set26IT023 #1083 (gMed=438 rho12=0.224)
na harzanium TH1 grown as spores in 0.5x MS_media_noCarbon with Brachy
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0

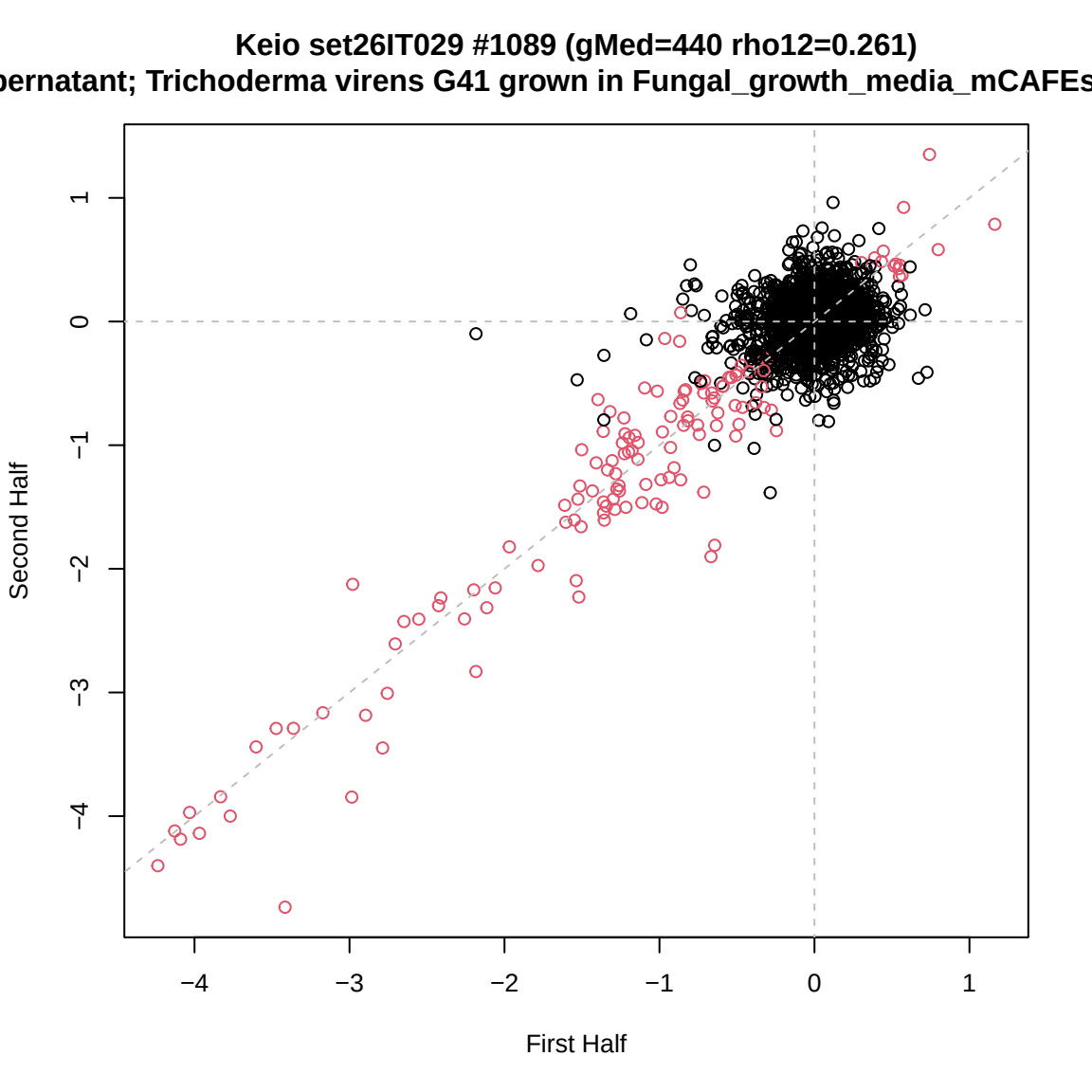

Keio set26IT024 #1084 (gMed=424 rho12=0.231)
erma virens RS grown as spores in 0.5x MS_media_noCarbon with Brachypo
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

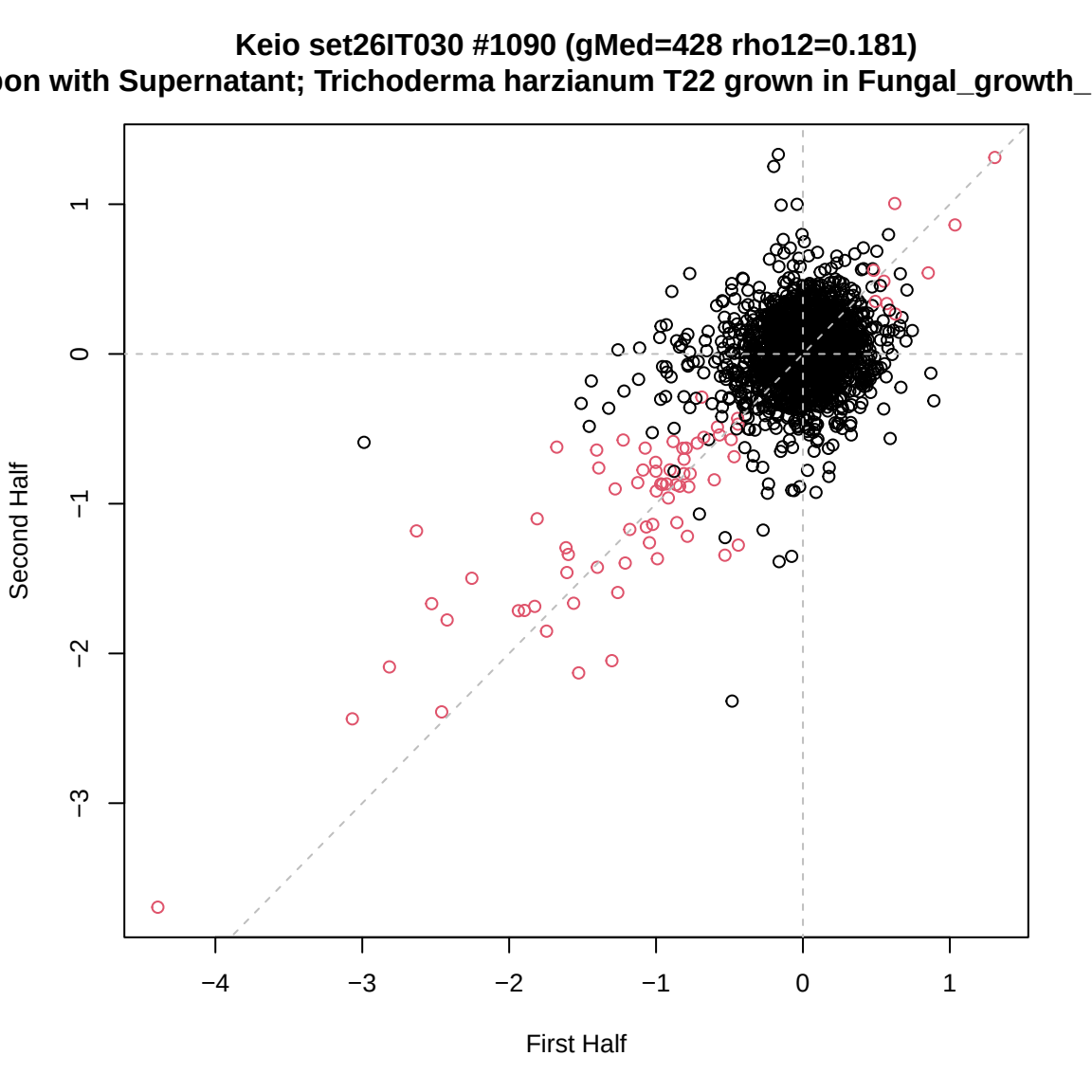

Keio set26IT025 #1085 (gMed=408 rho12=0.250)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

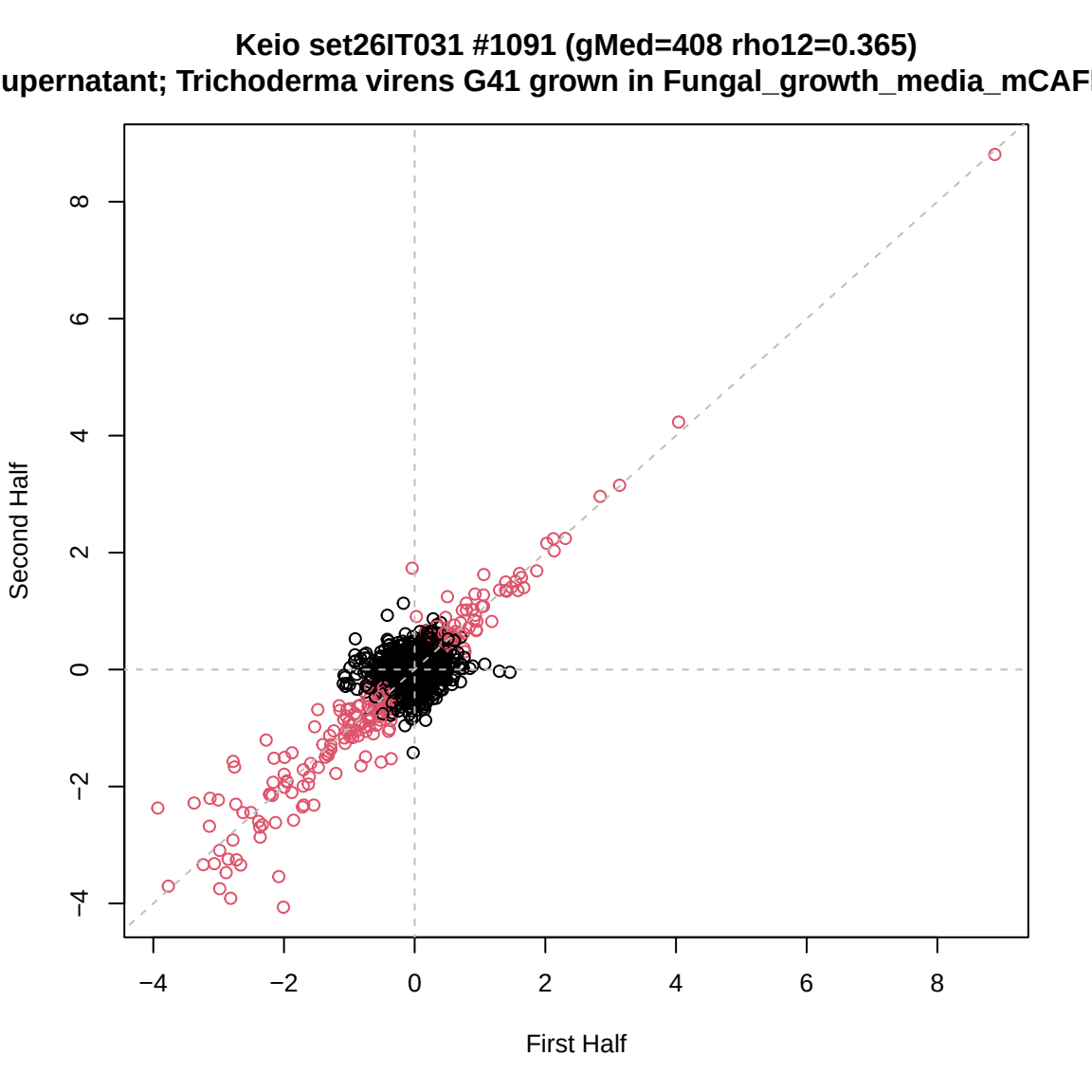

Keio set26IT026 #1086 (gMed=383 rho12=0.284)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
4
2
0
−2
−2
0
2
4

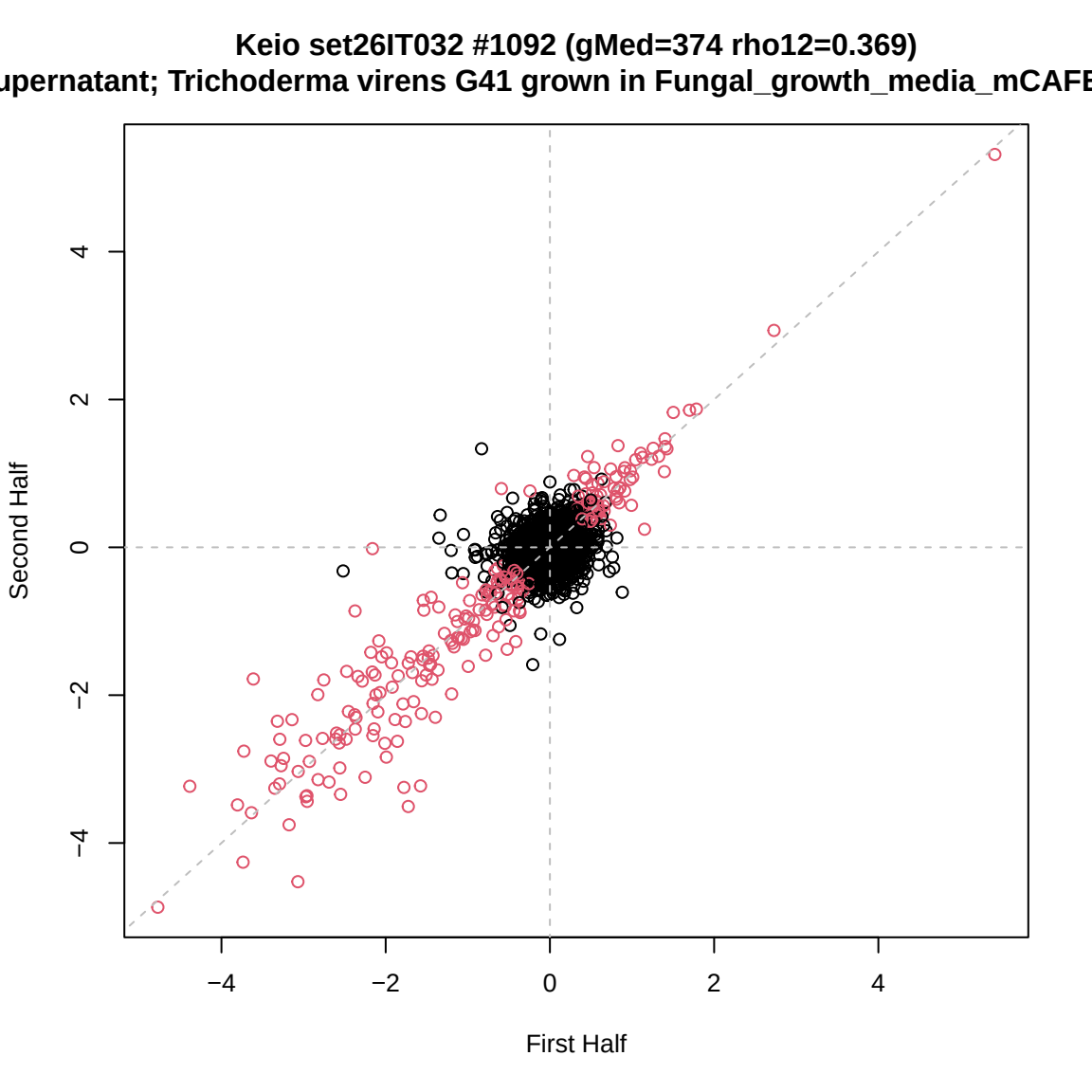

Keio set26IT027 #1087 (gMed=414 rho12=0.294)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

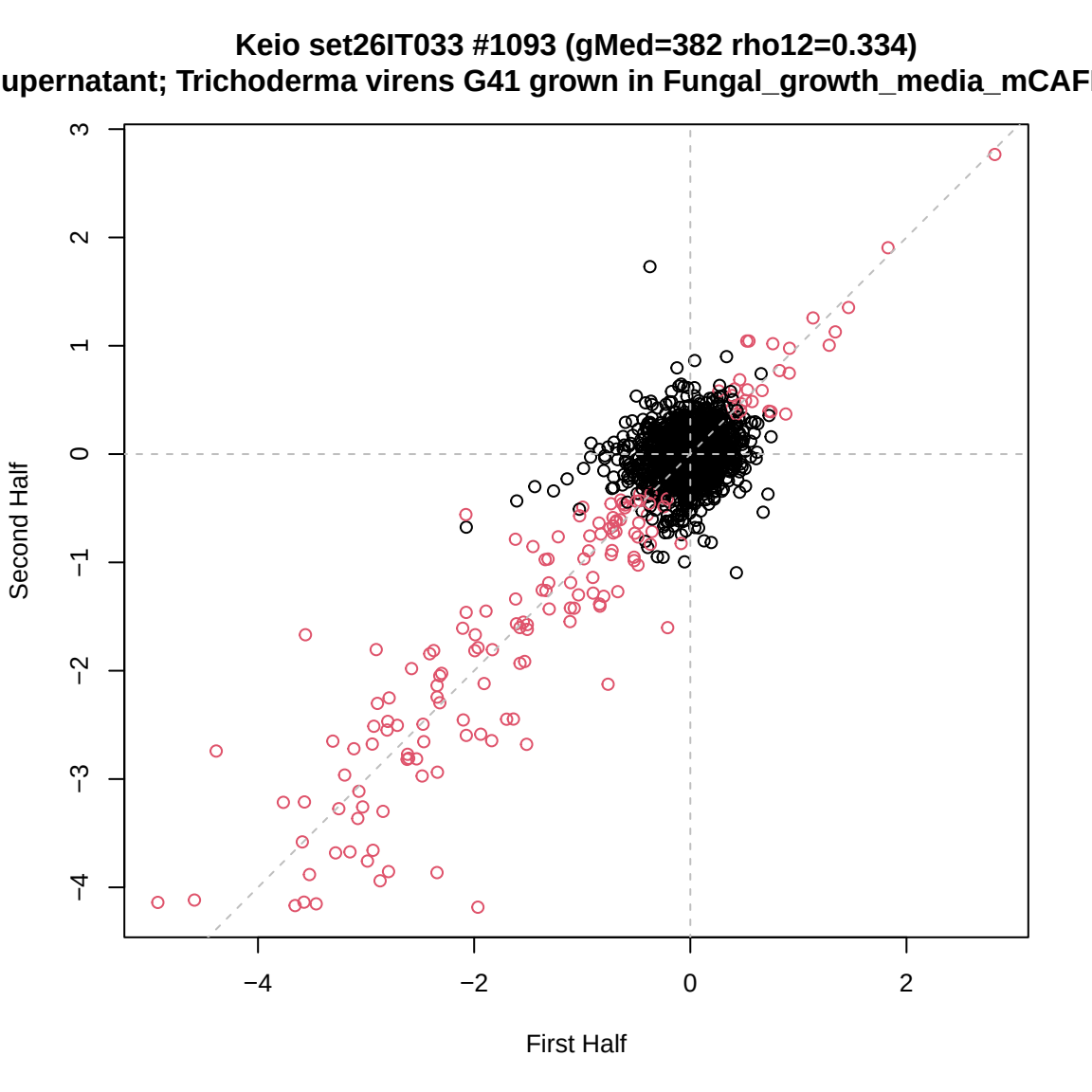

Keio set26IT028 #1088 (gMed=412 rho12=0.250)
ernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs_
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

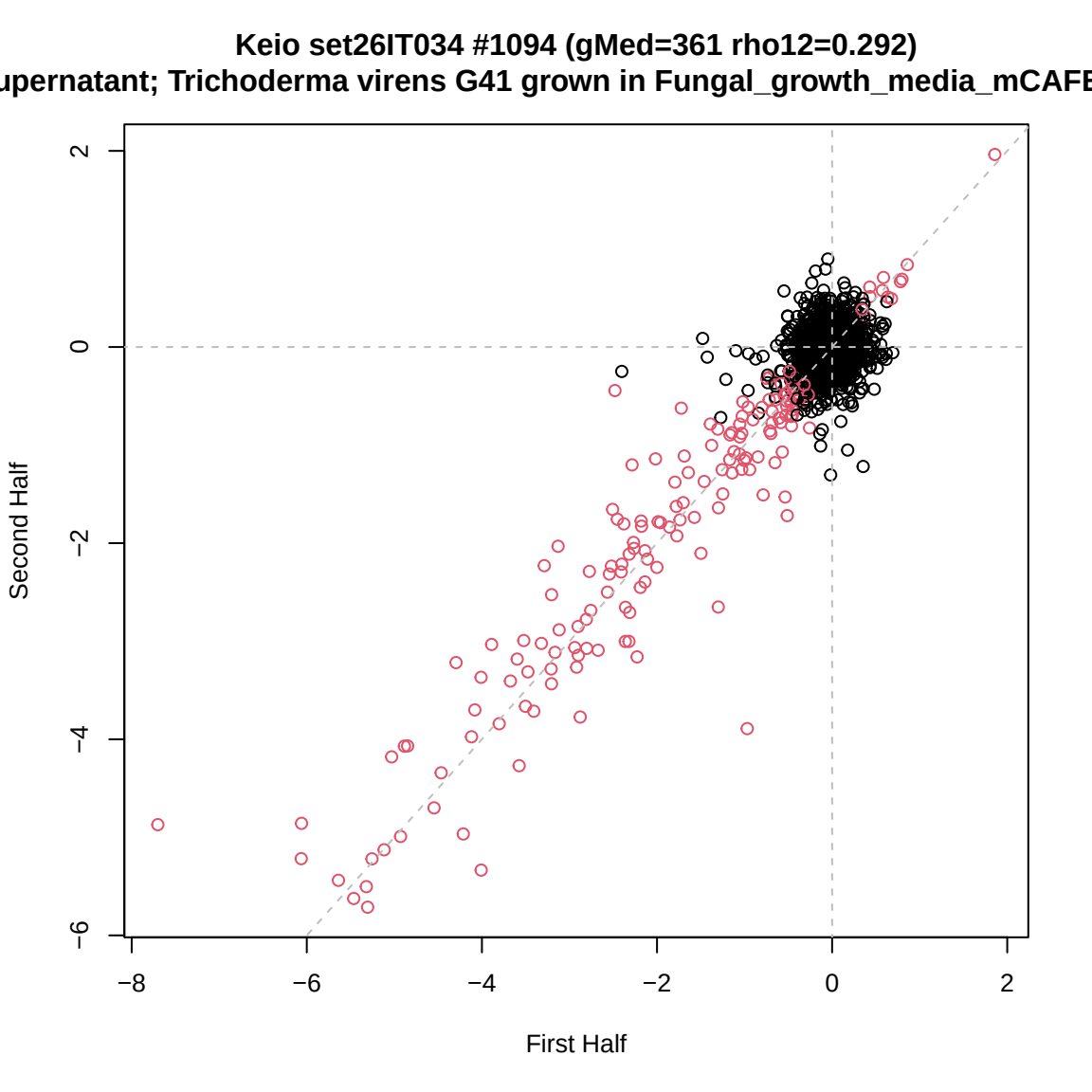

Keio set26IT029 #1089 (gMed=440 rho12=0.261)
pernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

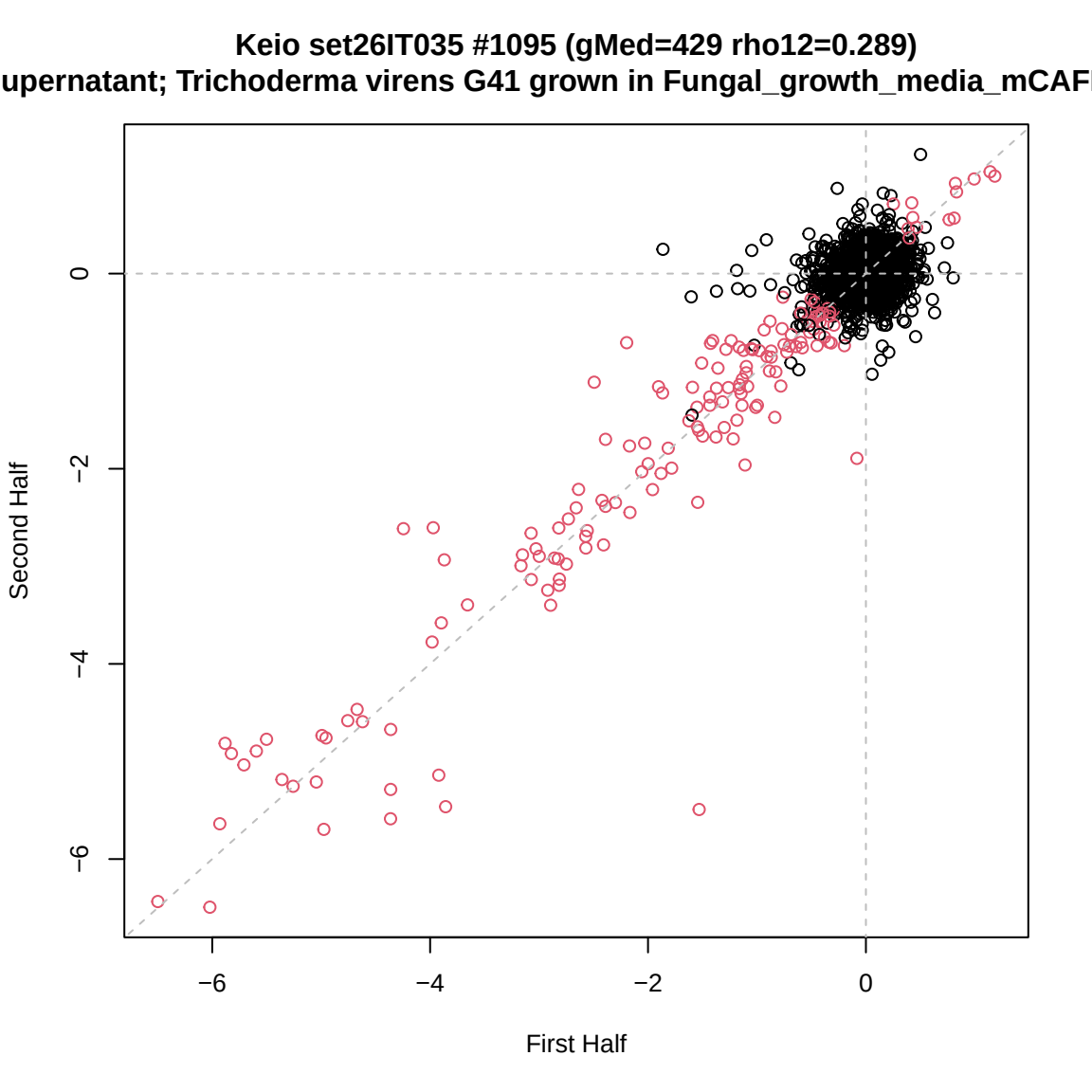

Keio set26IT030 #1090 (gMed=428 rho12=0.181)
pon with Supernatant; Trichoderma harzianum T22 grown in Fungal_growth_
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

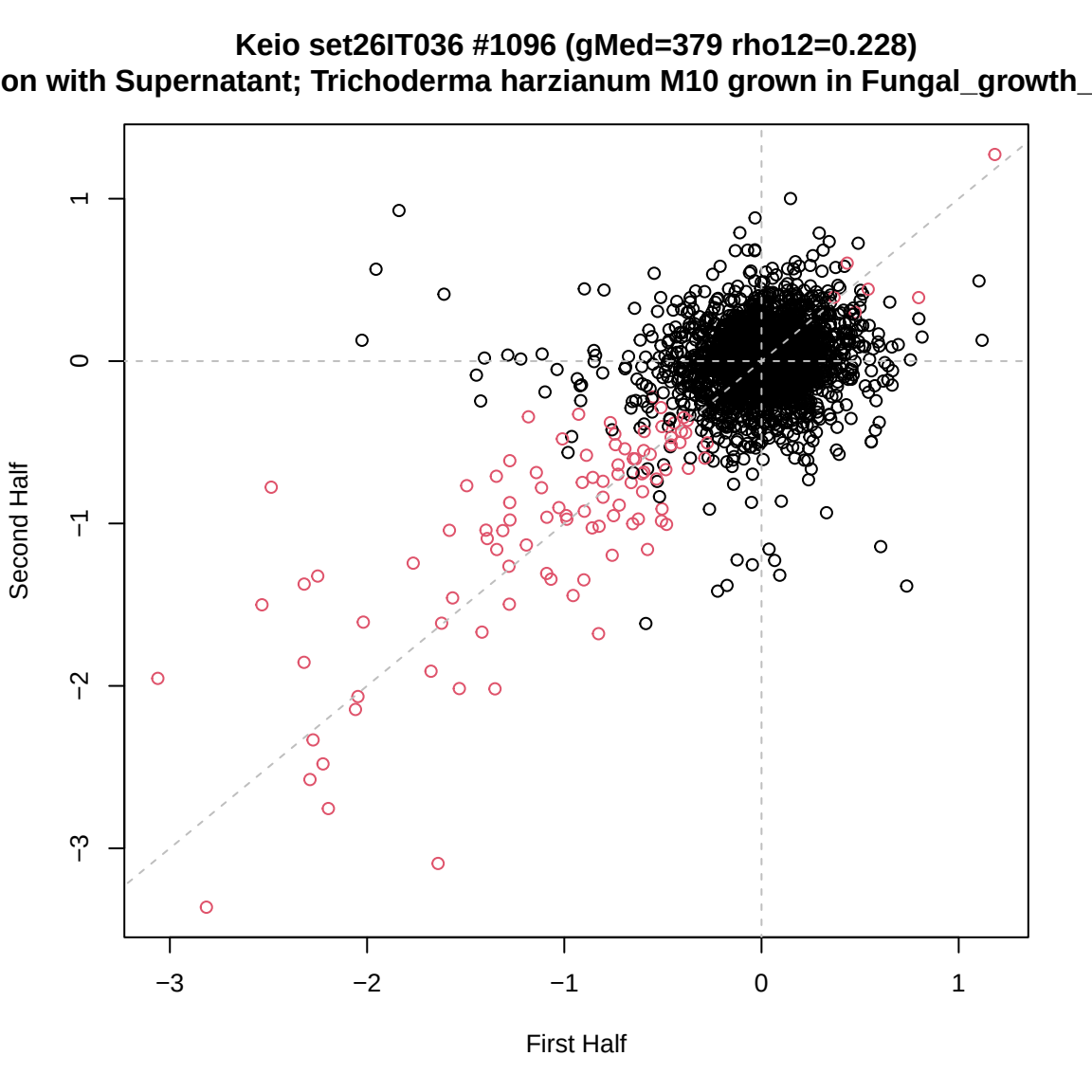

Keio set26IT031 #1091 (gMed=408 rho12=0.365)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAF
Second Half
First Half
−4
−2
0
2
4
6
8

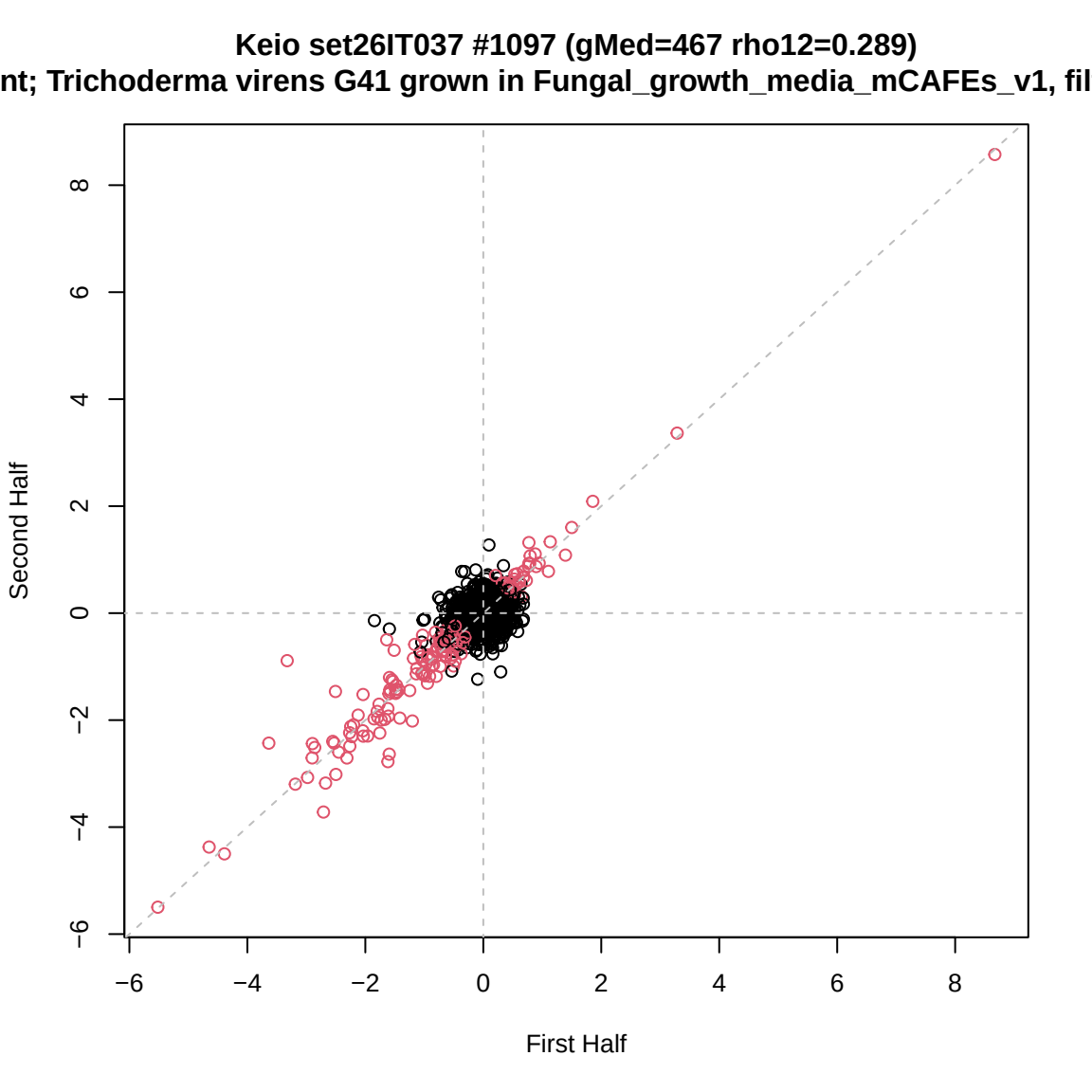

Keio set26IT032 #1092 (gMed=374 rho12=0.369)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFE
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

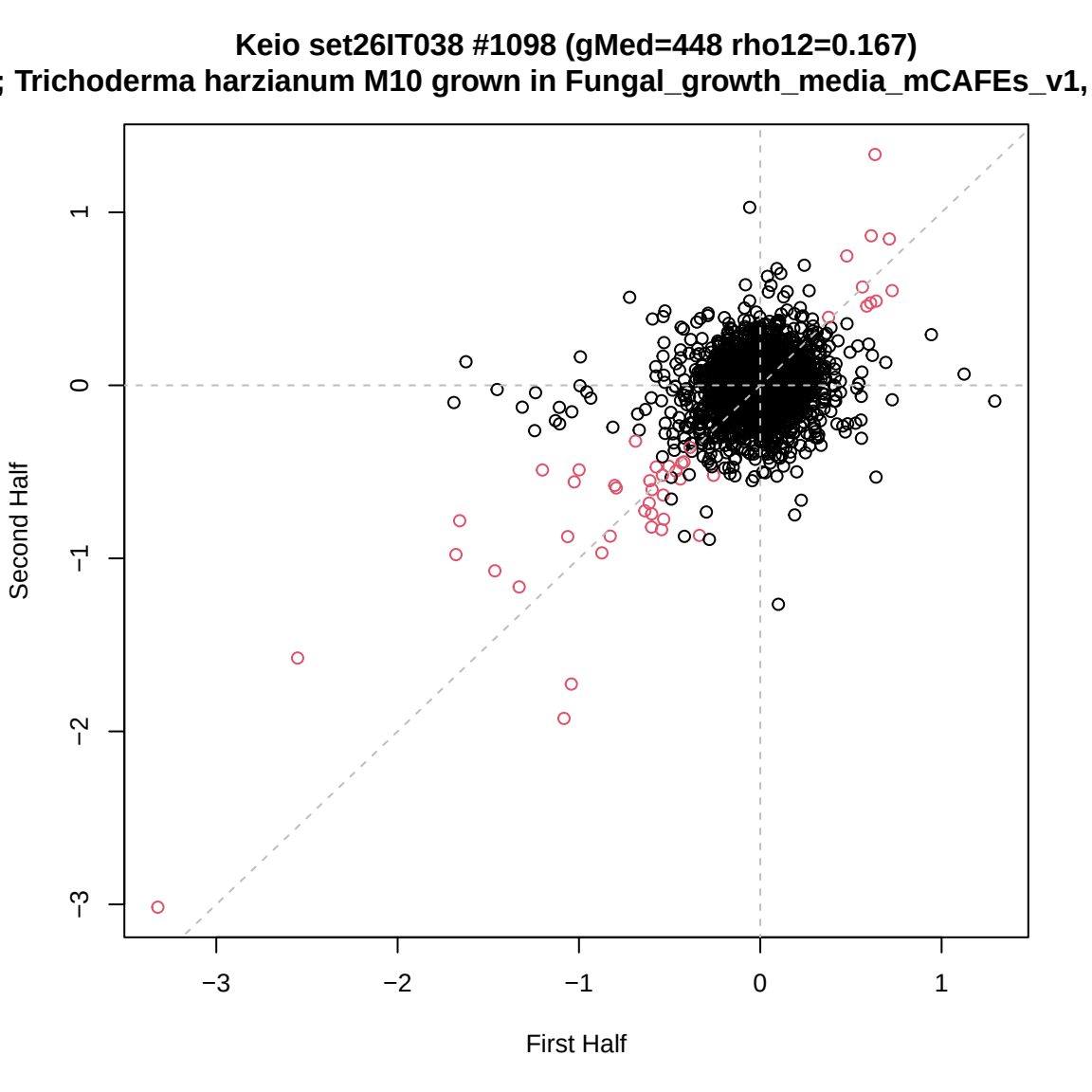

Keio set26IT033 #1093 (gMed=382 rho12=0.334)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAF
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2

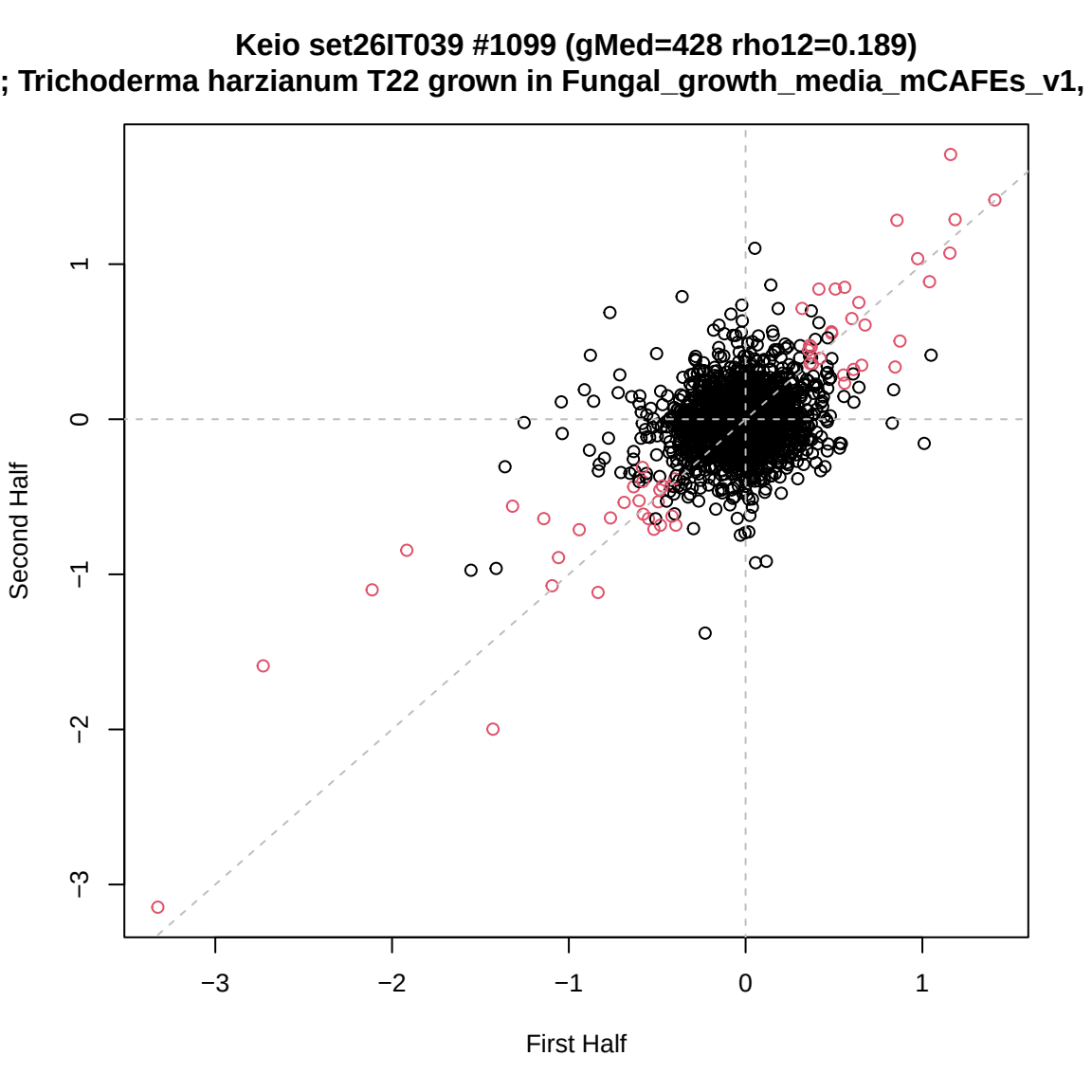

Keio set26IT034 #1094 (gMed=361 rho12=0.292)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAFE
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

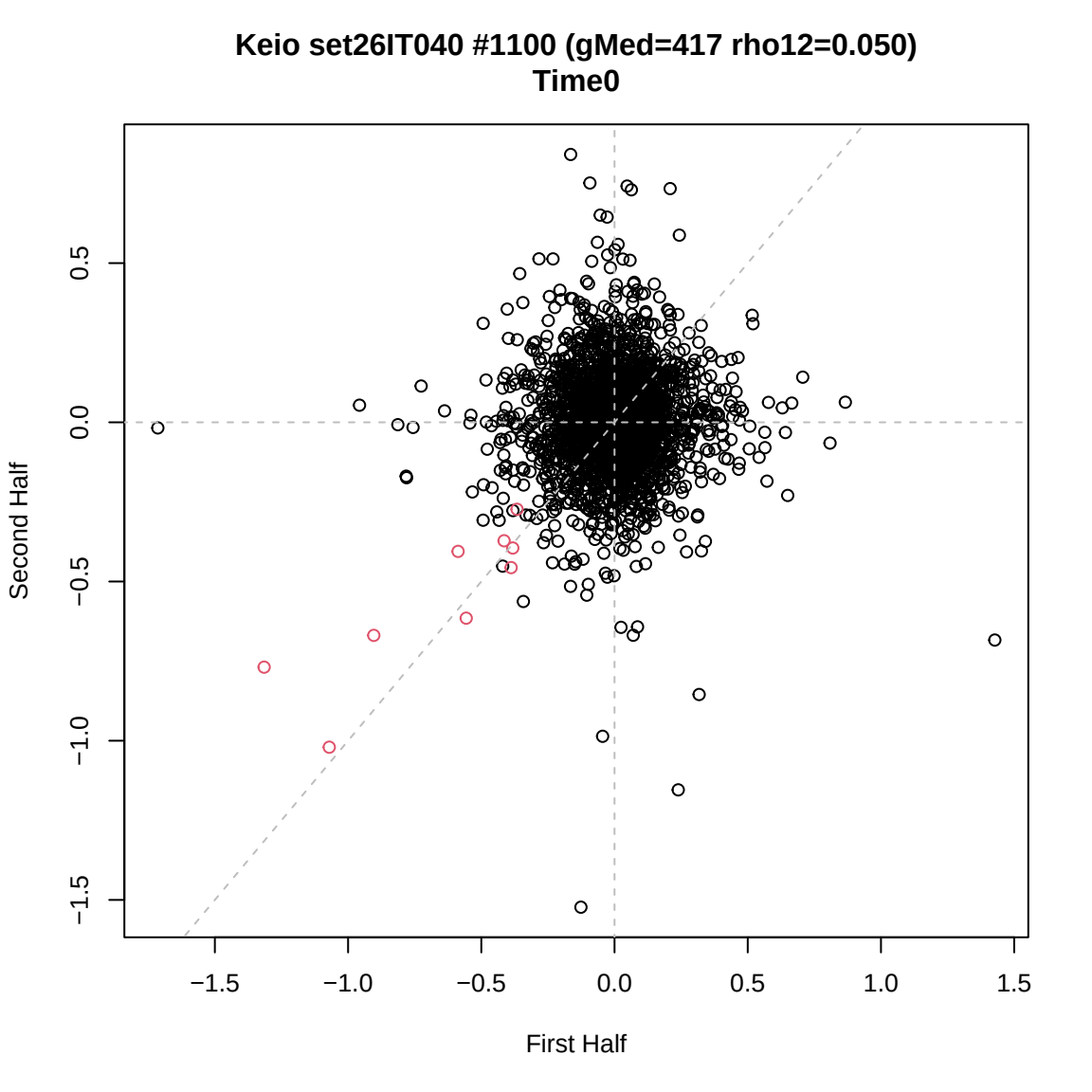

Keio set26IT035 #1095 (gMed=429 rho12=0.289)
upernatant; Trichoderma virens G41 grown in Fungal_growth_media_mCAF
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

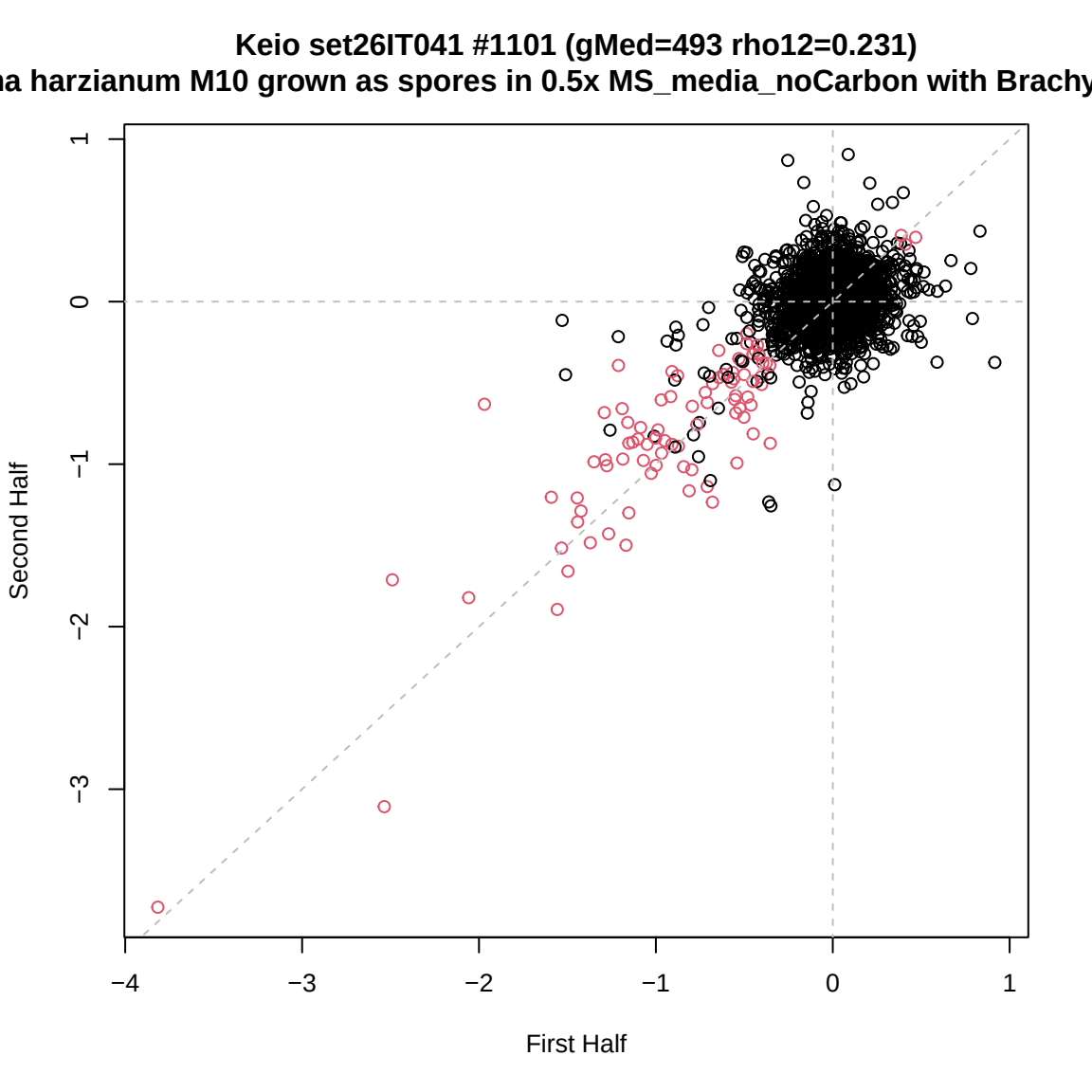

Keio set26IT036 #1096 (gMed=379 rho12=0.228)
on with Supernatant; Trichoderma harzianum M10 grown in Fungal_growth_
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

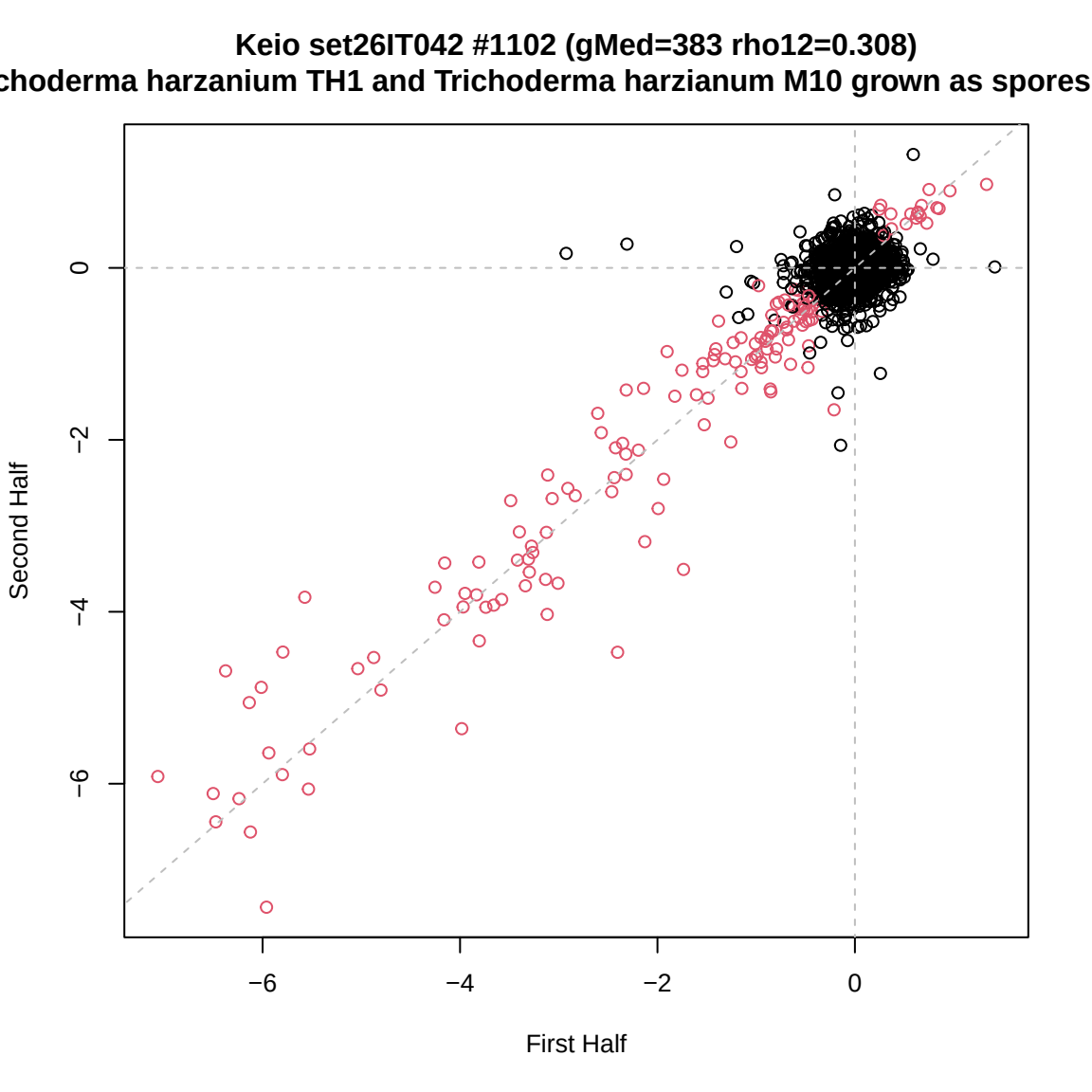

Keio set26IT037 #1097 (gMed=467 rho12=0.289)
nt; Trichoderma virens G41 grown in Fungal_growth_media_mCAFEs_v1, fil
Second Half
First Half
−6
−4
−2
0
2
4
6
8

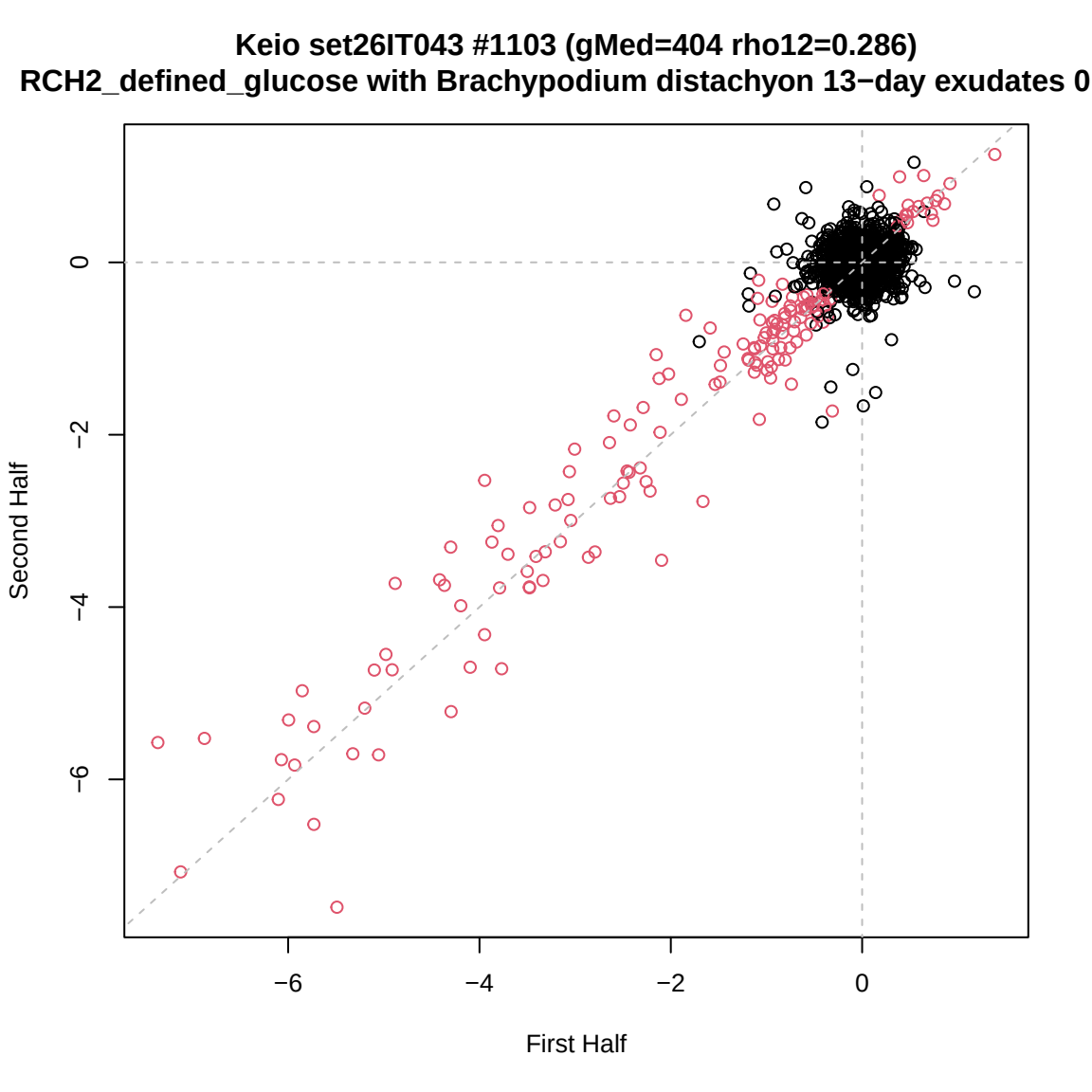

Keio set26IT038 #1098 (gMed=448 rho12=0.167)
; Trichoderma harzianum M10 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

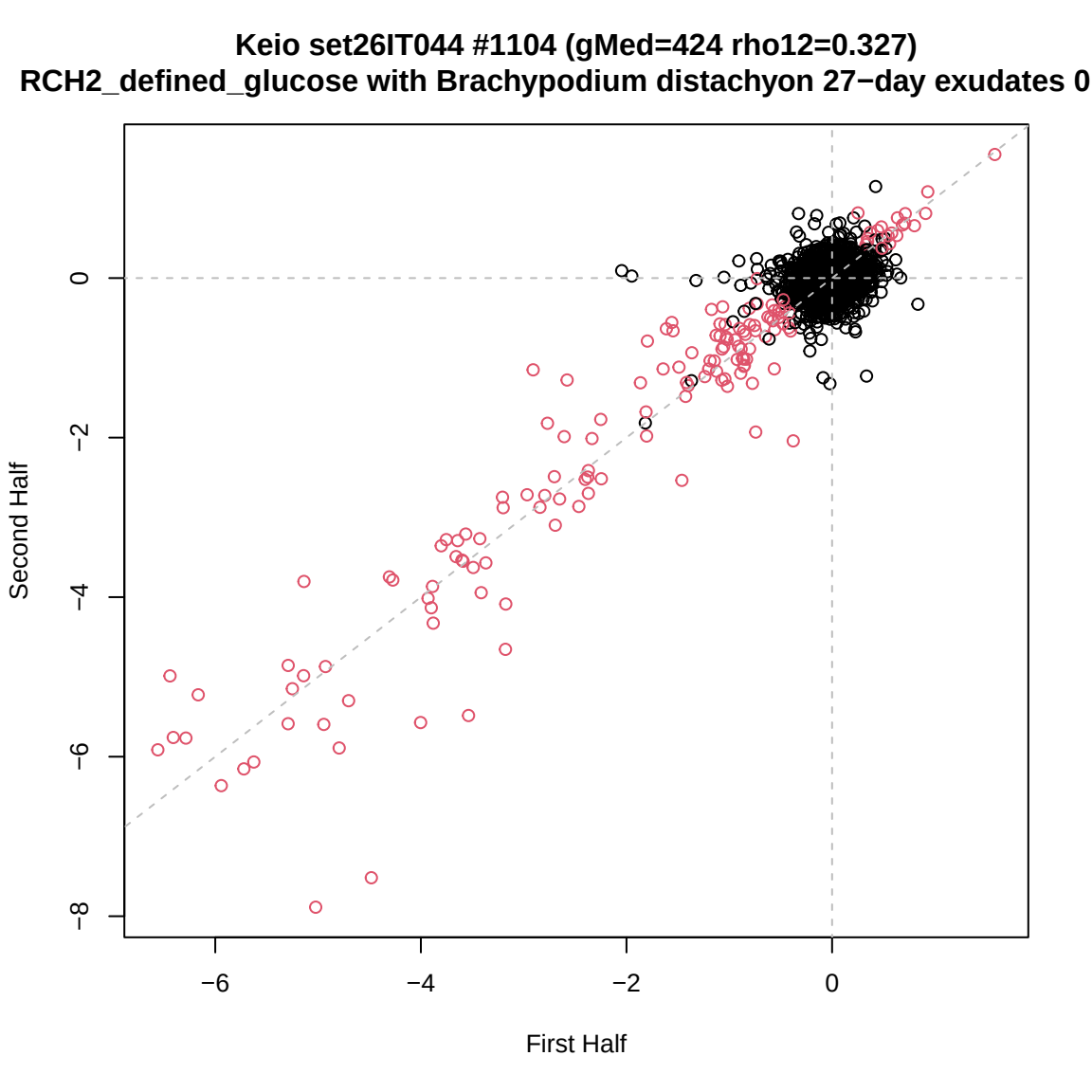

Keio set26IT039 #1099 (gMed=428 rho12=0.189)
; Trichoderma harzianum T22 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
−3
−2
−1
0
1

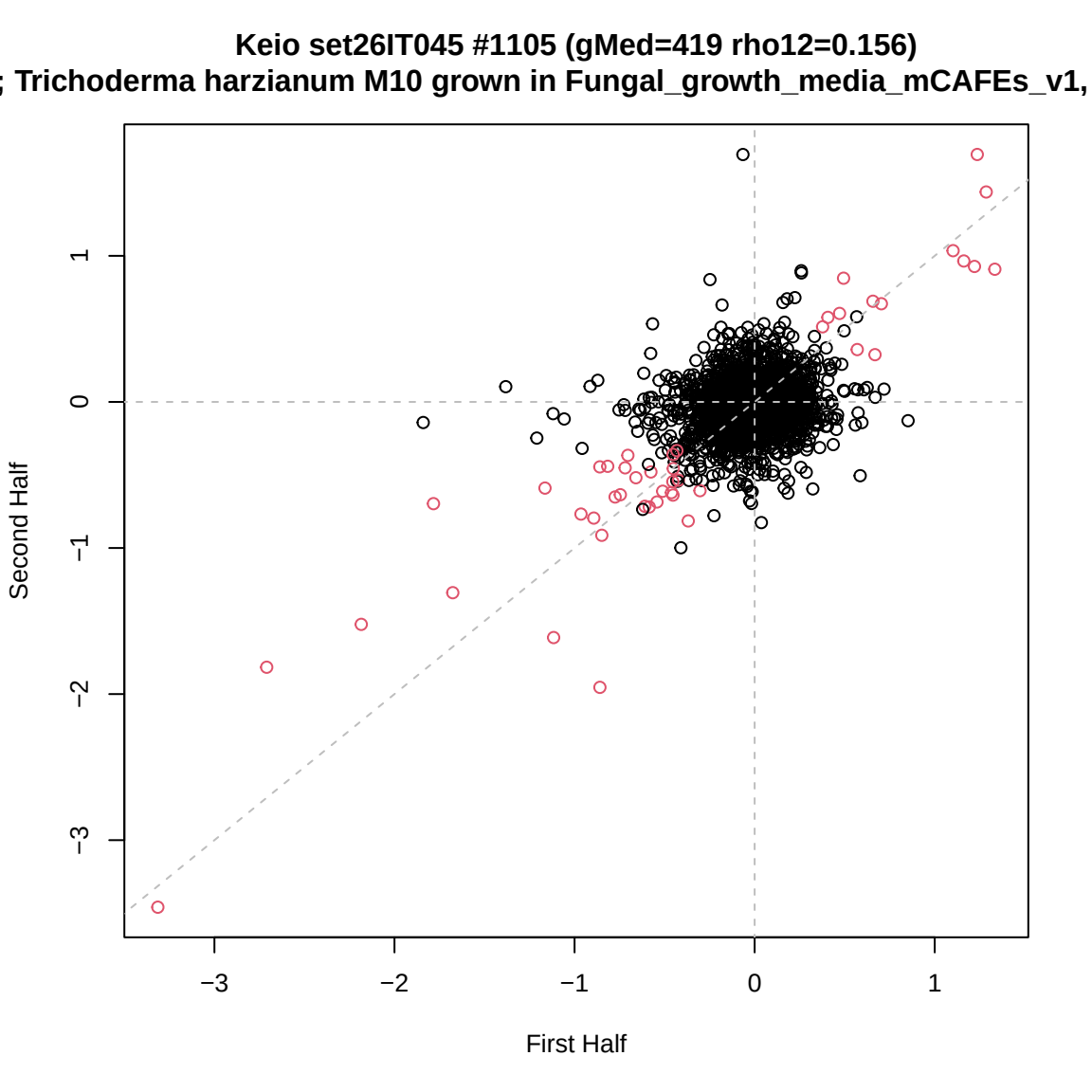

Keio set26IT040 #1100 (gMed=417 rho12=0.050)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

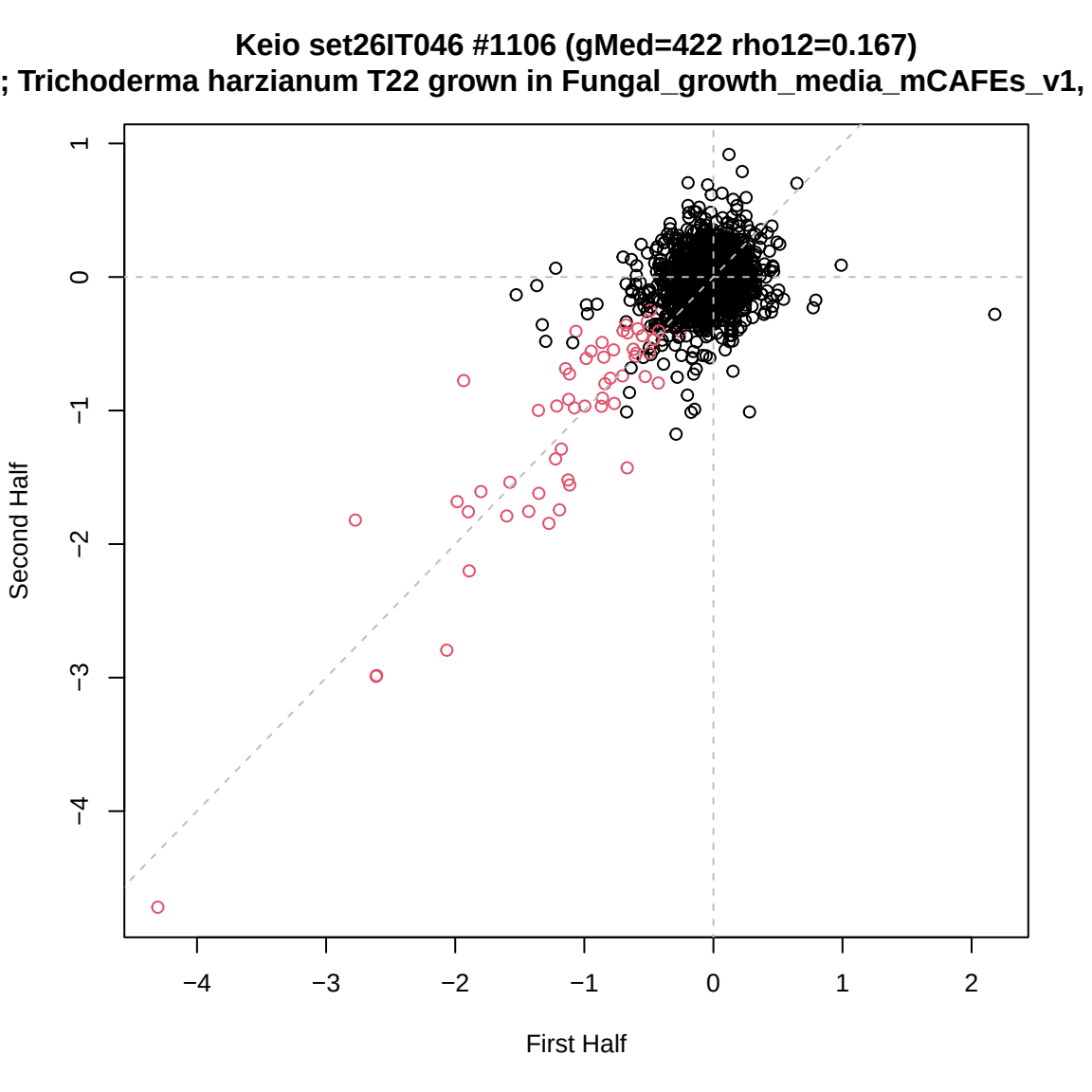

Keio set26IT041 #1101 (gMed=493 rho12=0.231)
ha harzianum M10 grown as spores in 0.5x MS_media_noCarbon with Brachy
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

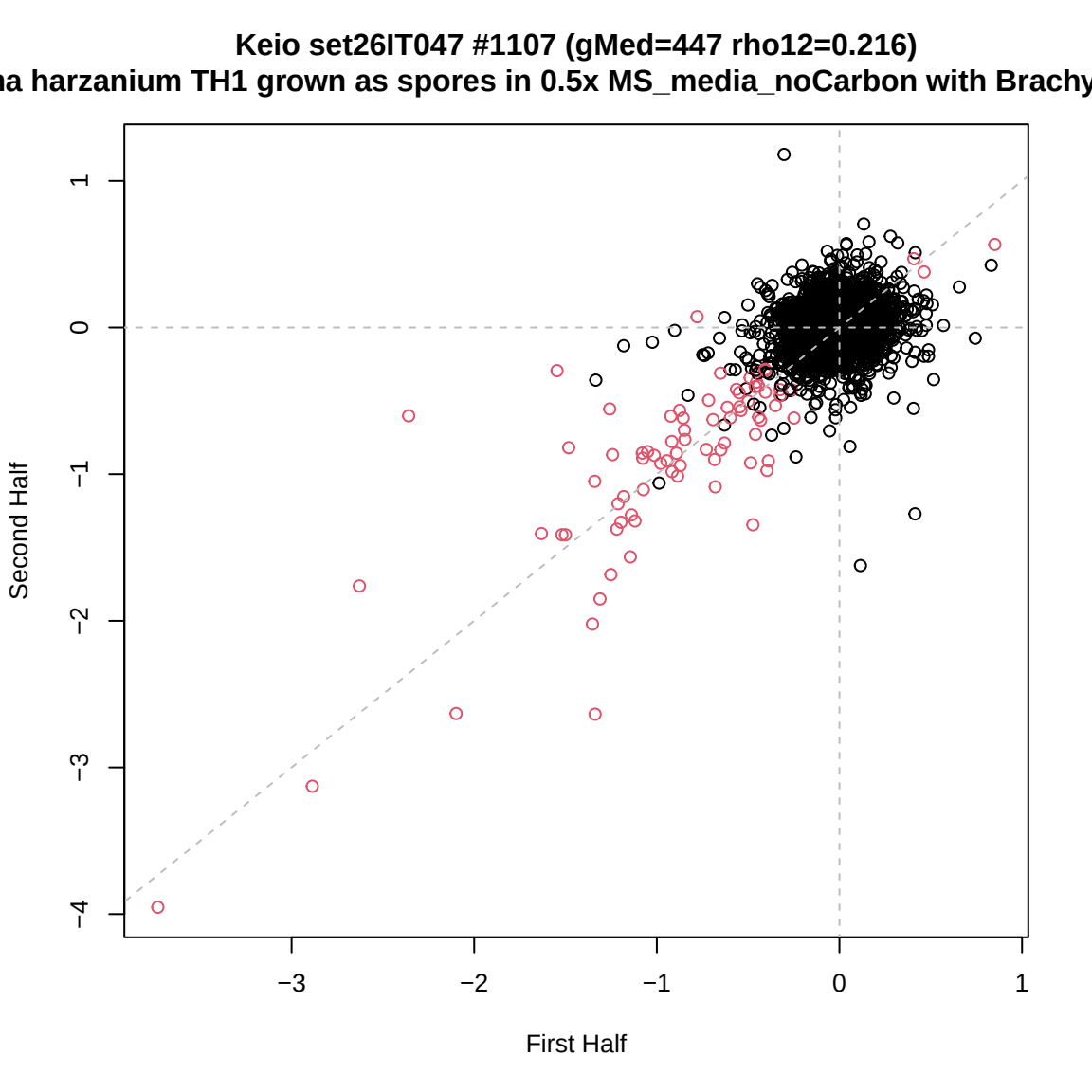

Keio set26IT042 #1102 (gMed=383 rho12=0.308)
choderma harzanium TH1 and Trichoderma harzianum M10 grown as spores
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

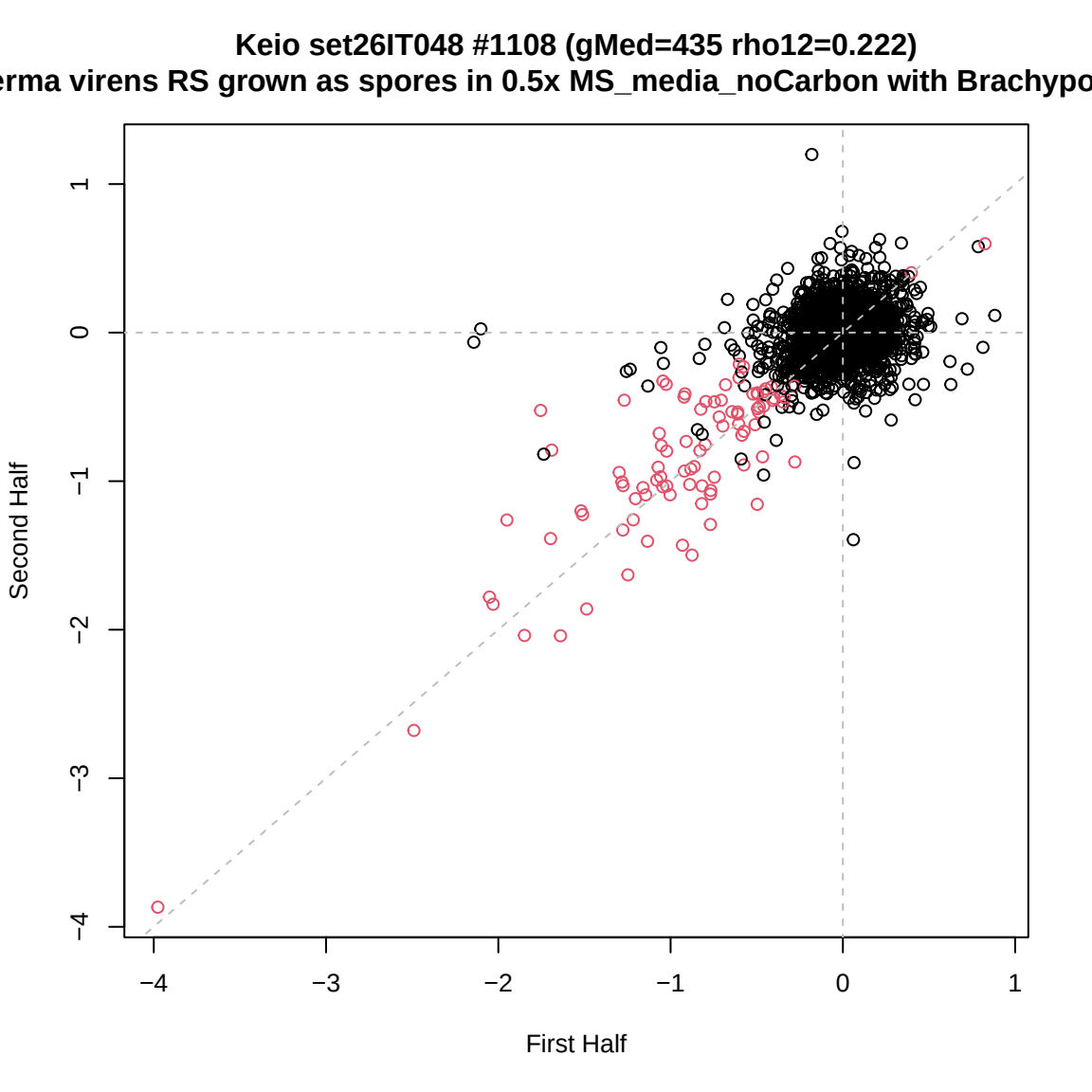

Keio set26IT043 #1103 (gMed=404 rho12=0.286)
RCH2_defined_glucose with Brachypodium distachyon 13−day exudates 0
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

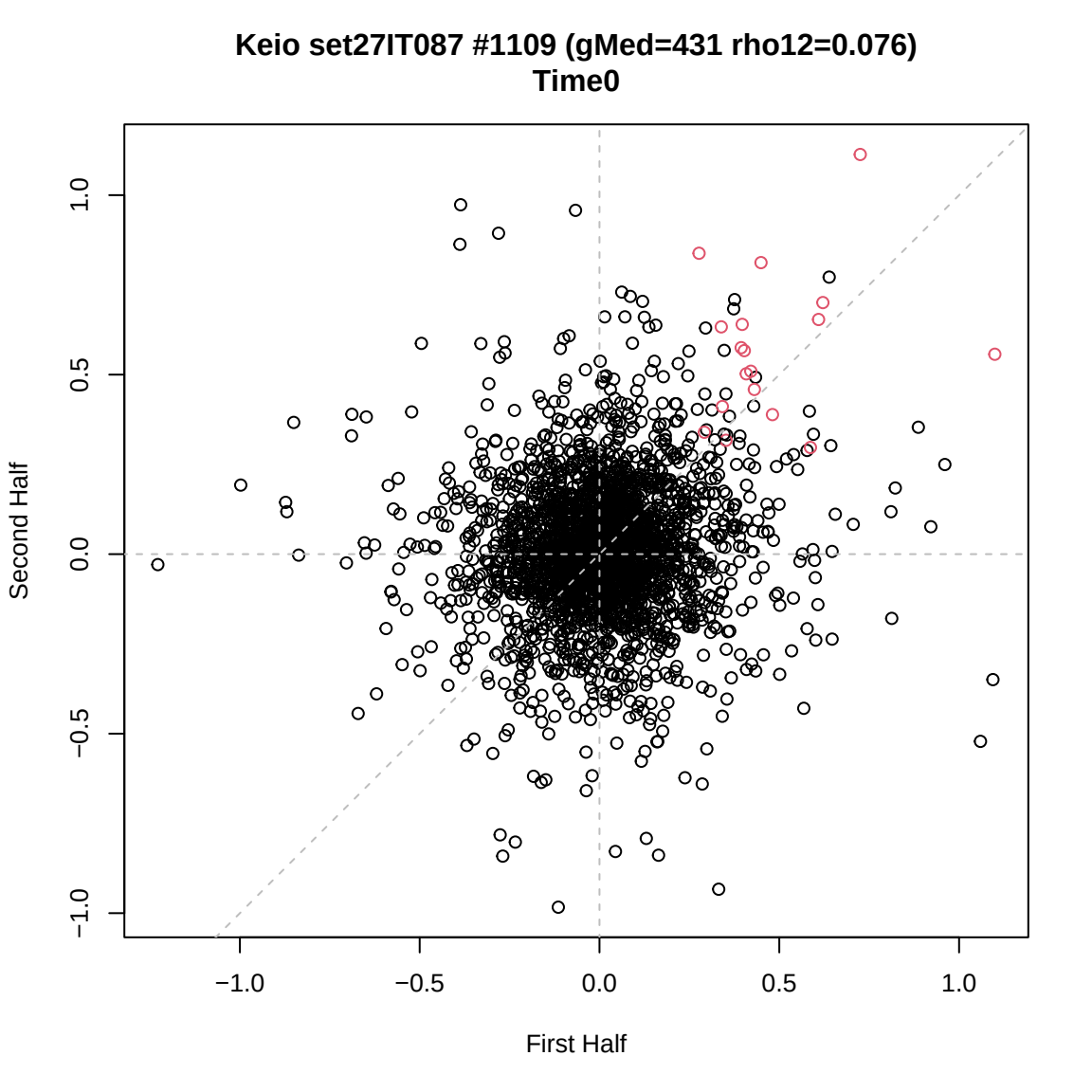

Keio set26IT044 #1104 (gMed=424 rho12=0.327)
RCH2_defined_glucose with Brachypodium distachyon 27−day exudates 0
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

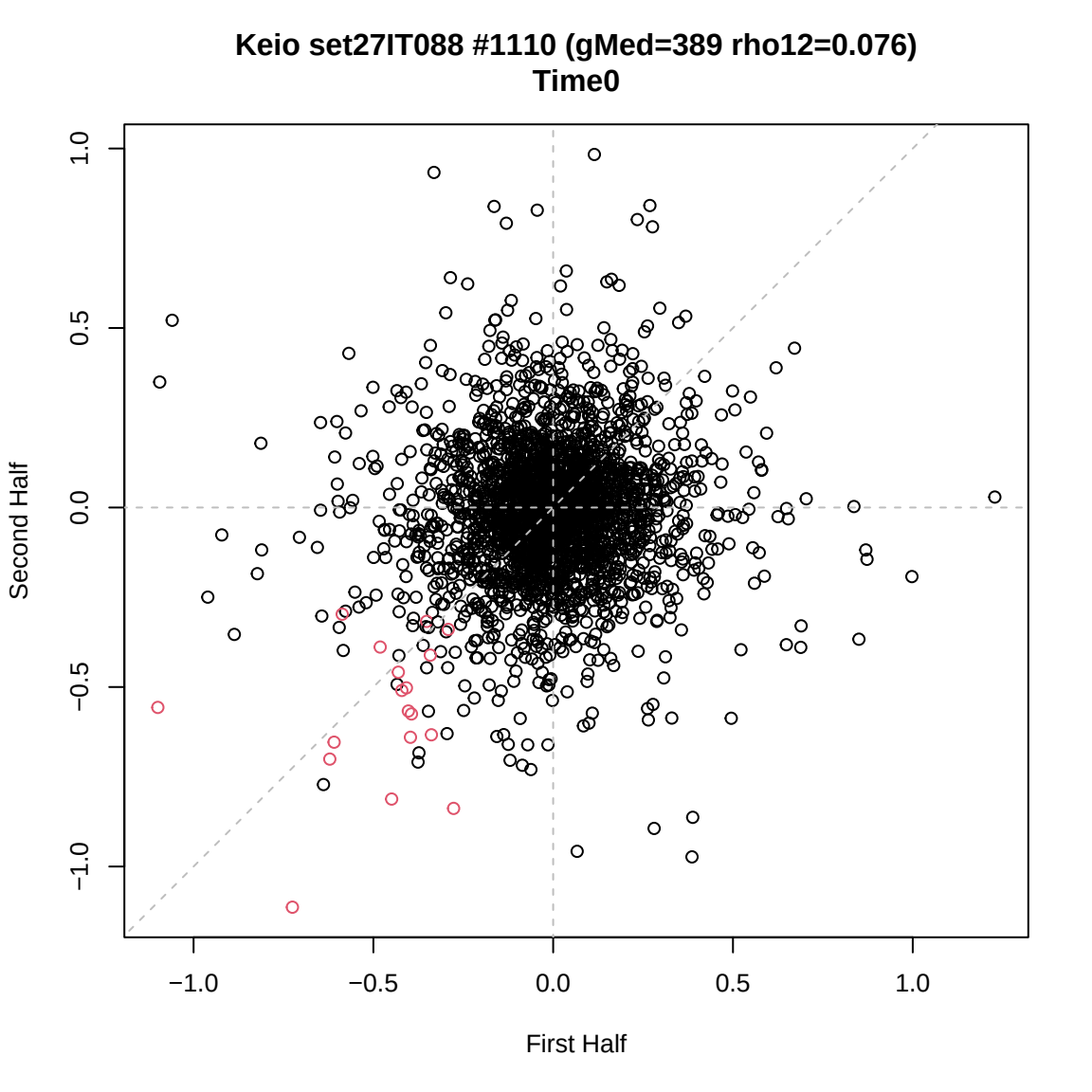

Keio set26IT045 #1105 (gMed=419 rho12=0.156)
; Trichoderma harzianum M10 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
−3
−2
−1
0
1

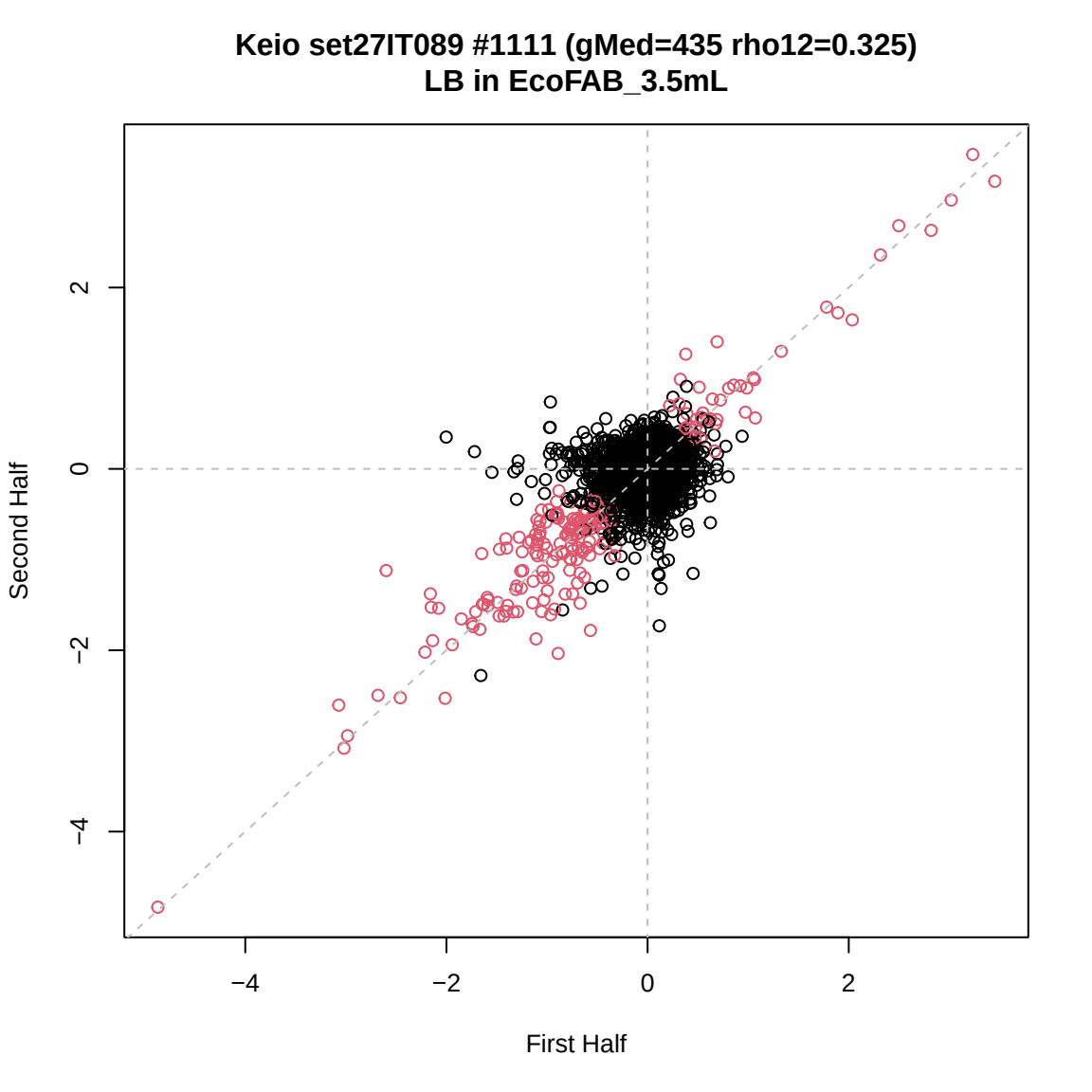

Keio set26IT046 #1106 (gMed=422 rho12=0.167)
; Trichoderma harzianum T22 grown in Fungal_growth_media_mCAFEs_v1,
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

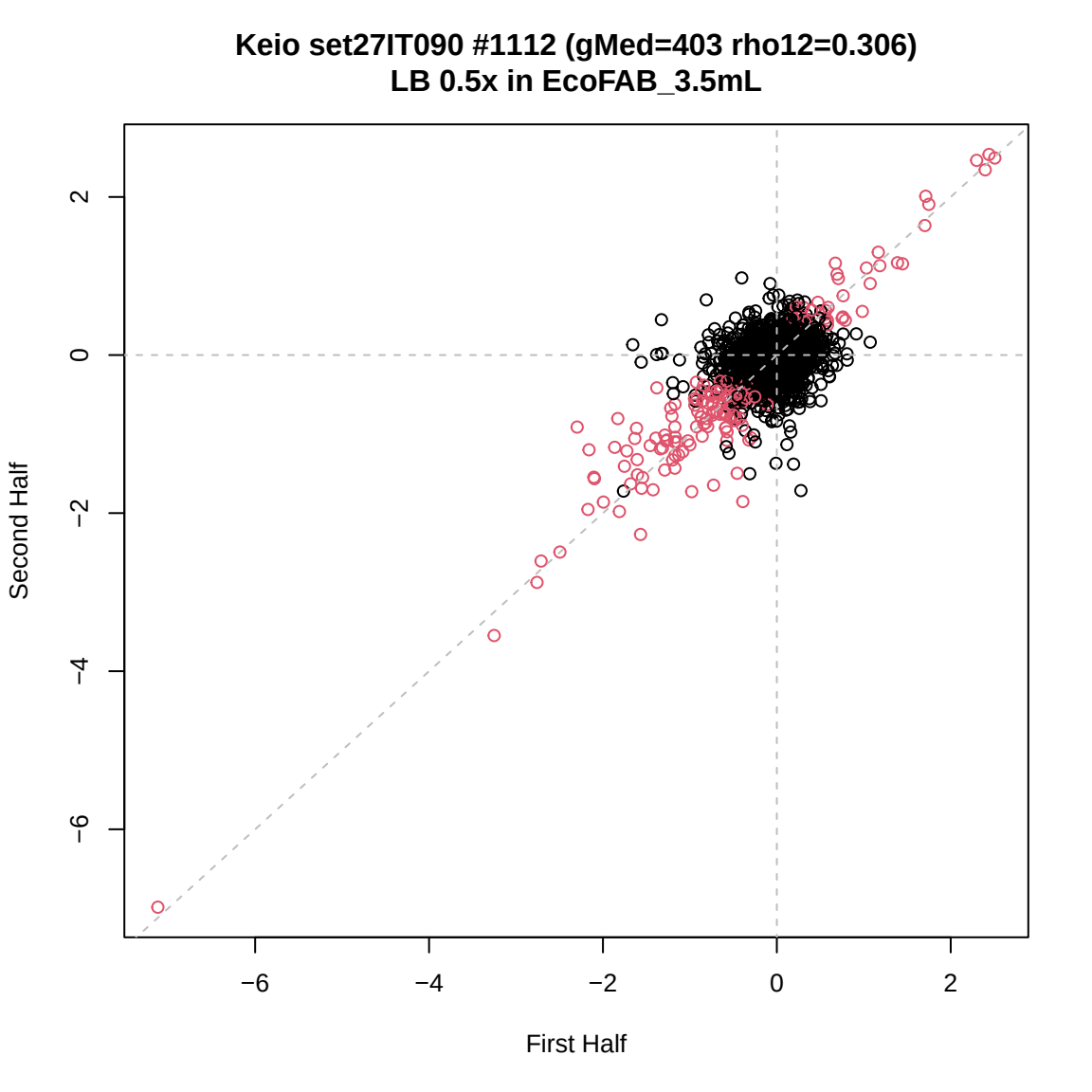

Keio set26IT047 #1107 (gMed=447 rho12=0.216)
na harzanium TH1 grown as spores in 0.5x MS_media_noCarbon with Brachy
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

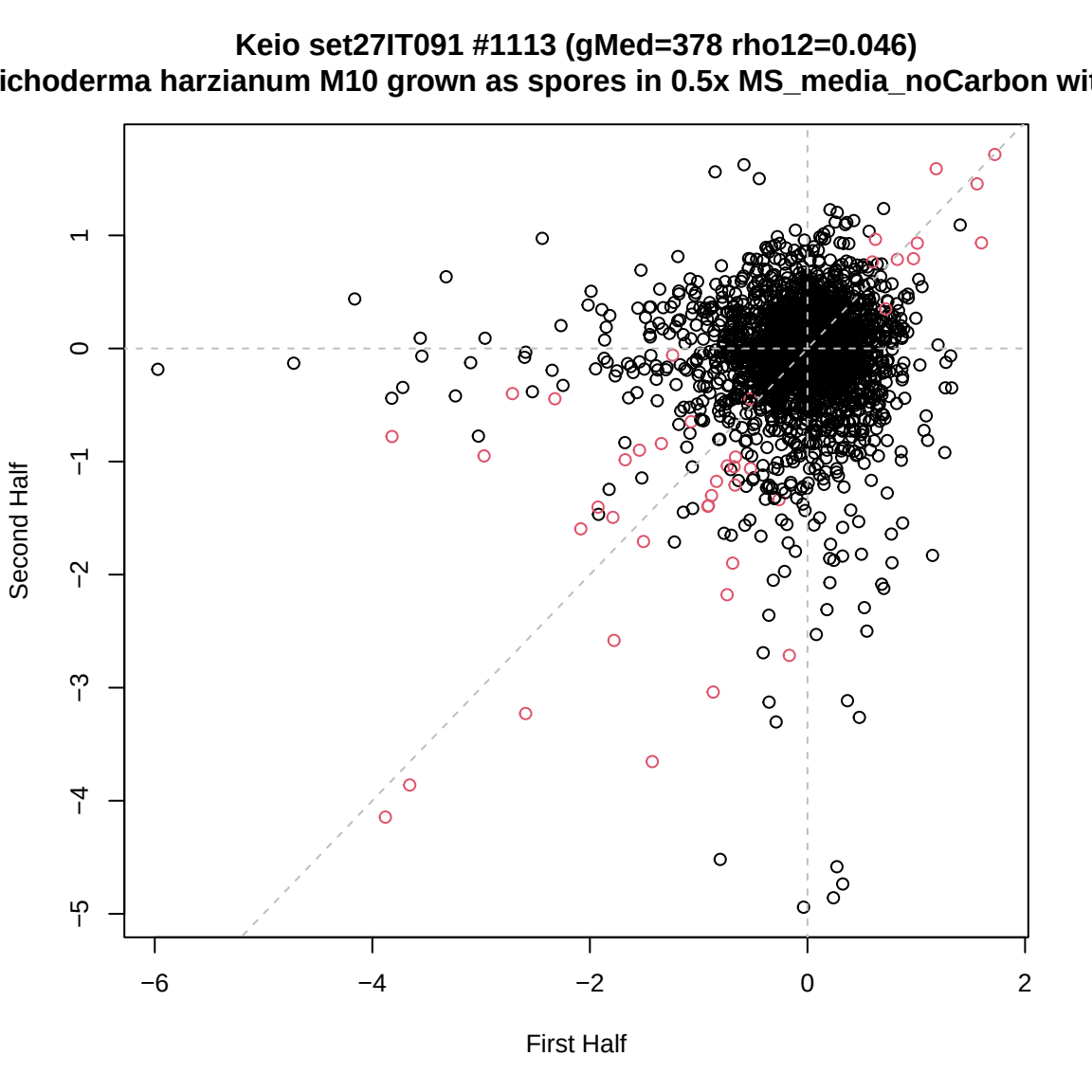

Keio set26IT048 #1108 (gMed=435 rho12=0.222)
erma virens RS grown as spores in 0.5x MS_media_noCarbon with Brachypo
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

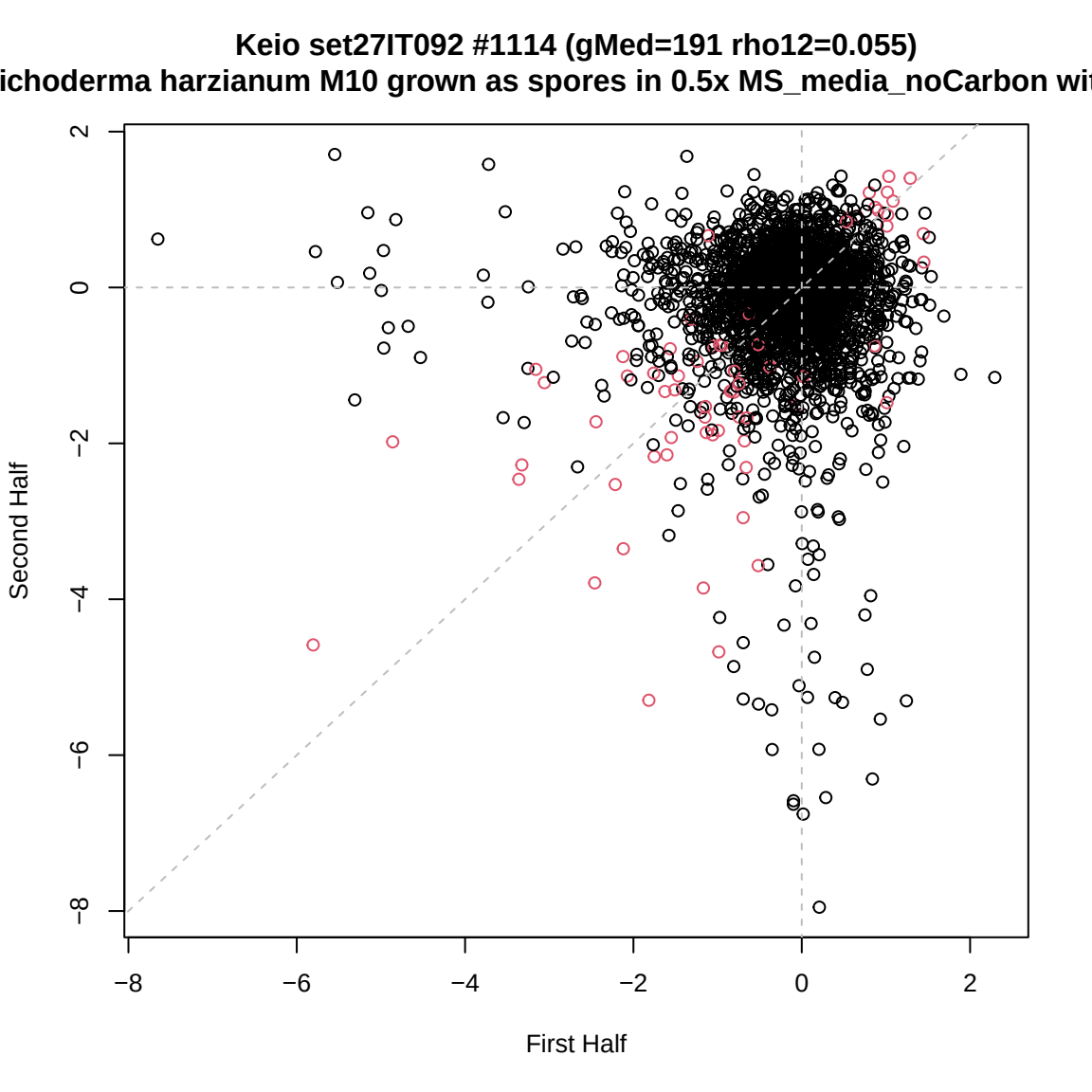

Keio set27IT087 #1109 (gMed=431 rho12=0.076)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

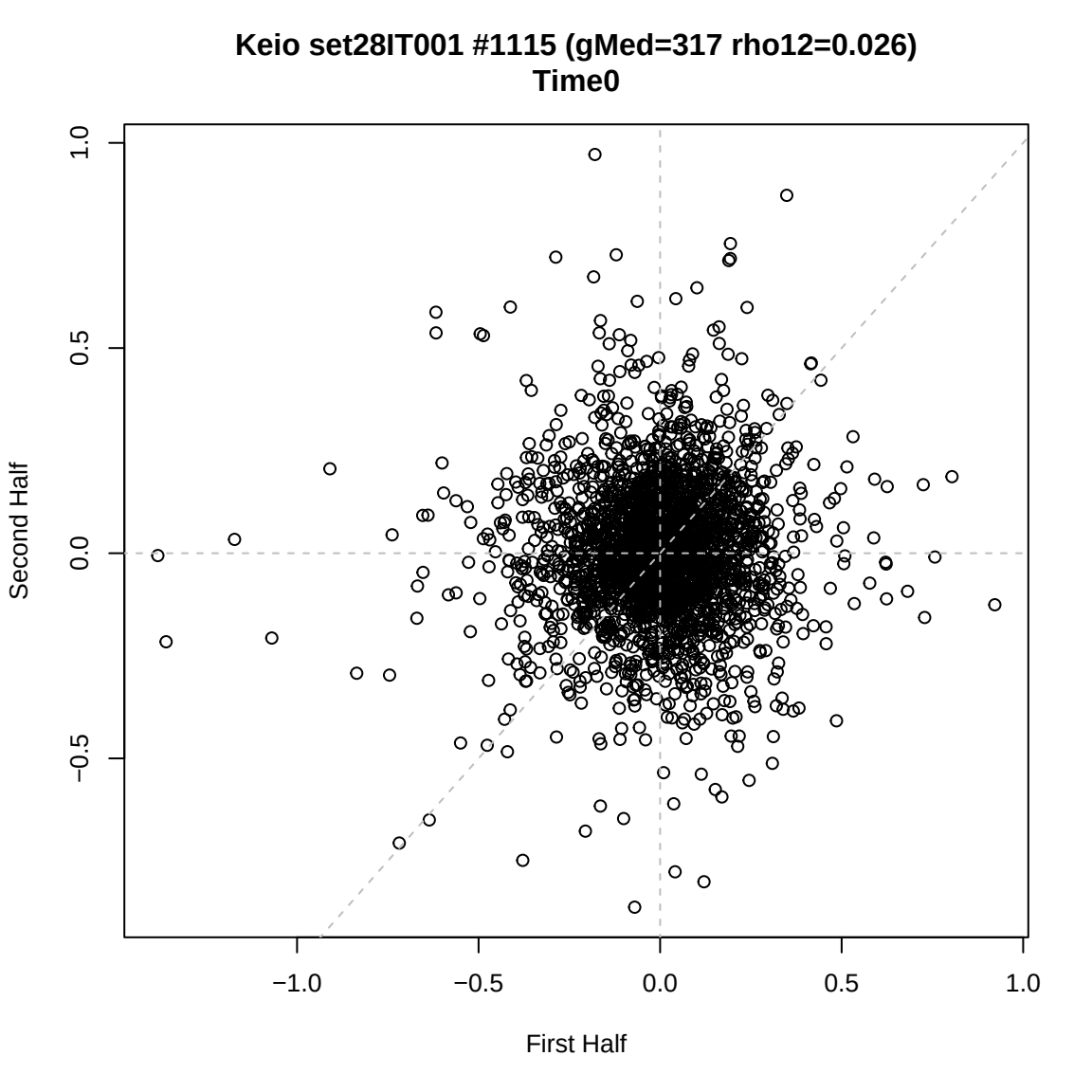

Keio set27IT088 #1110 (gMed=389 rho12=0.076)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

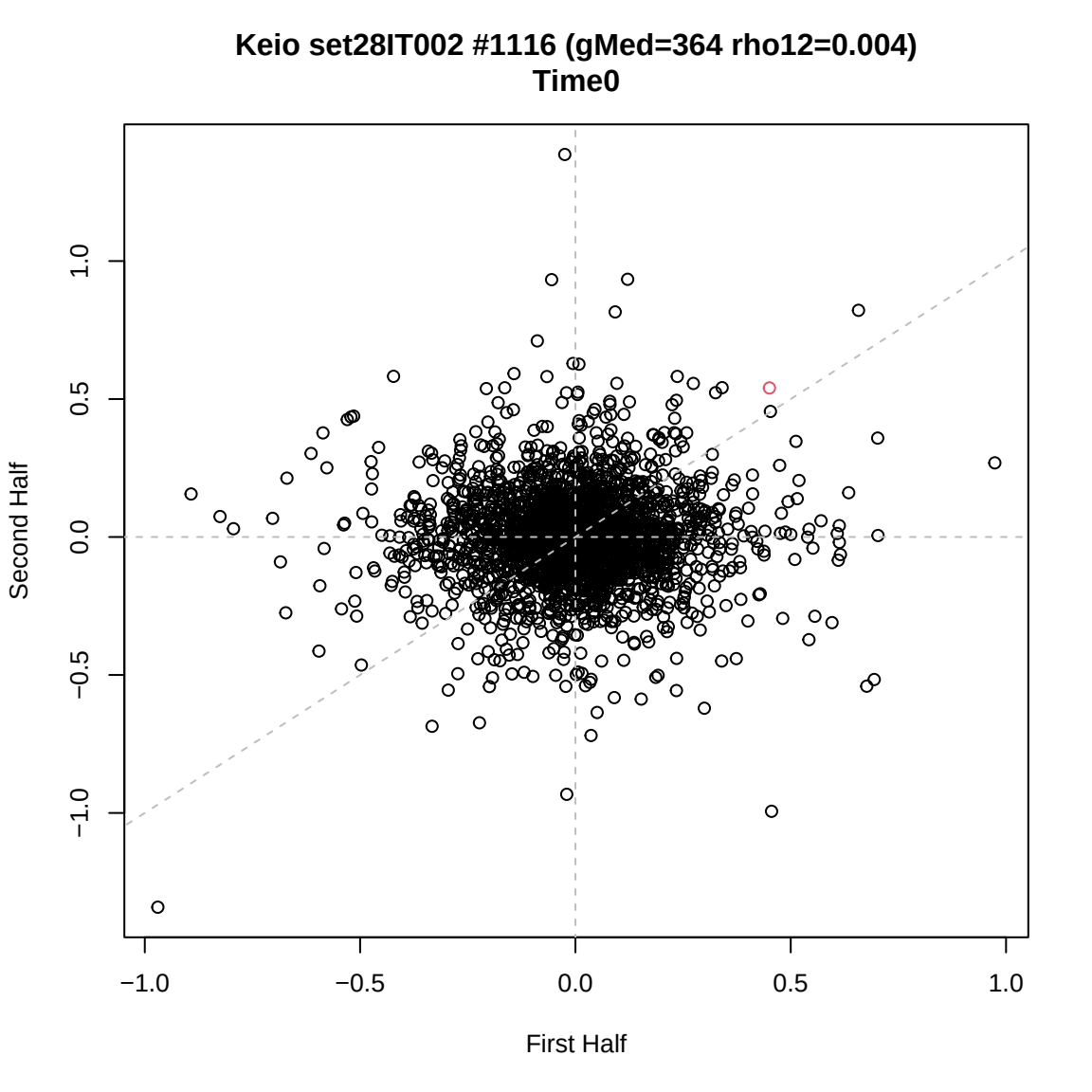

Keio set27IT089 #1111 (gMed=435 rho12=0.325)
LB in EcoFAB_3.5mL
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

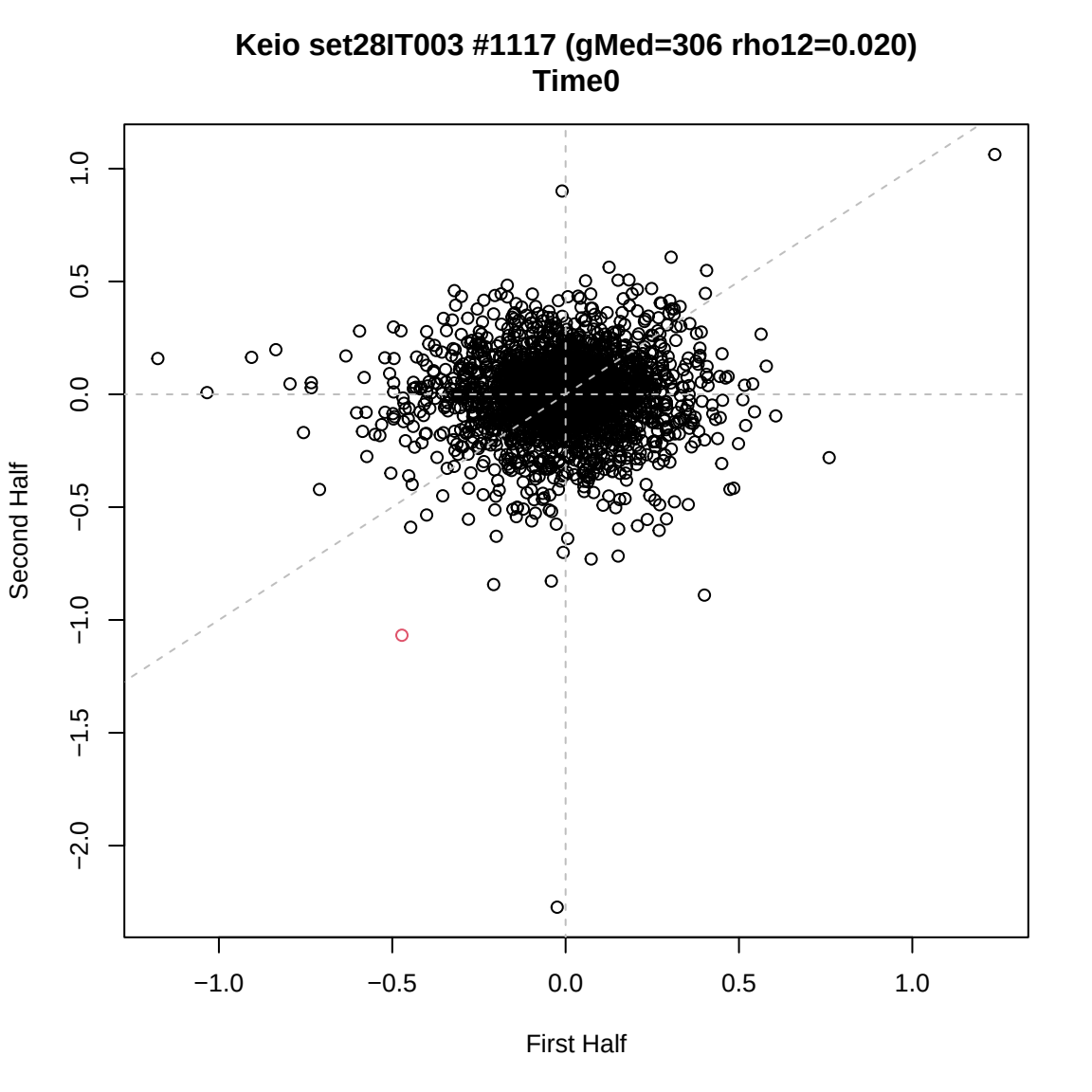

Keio set27IT090 #1112 (gMed=403 rho12=0.306)
LB 0.5x in EcoFAB_3.5mL
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

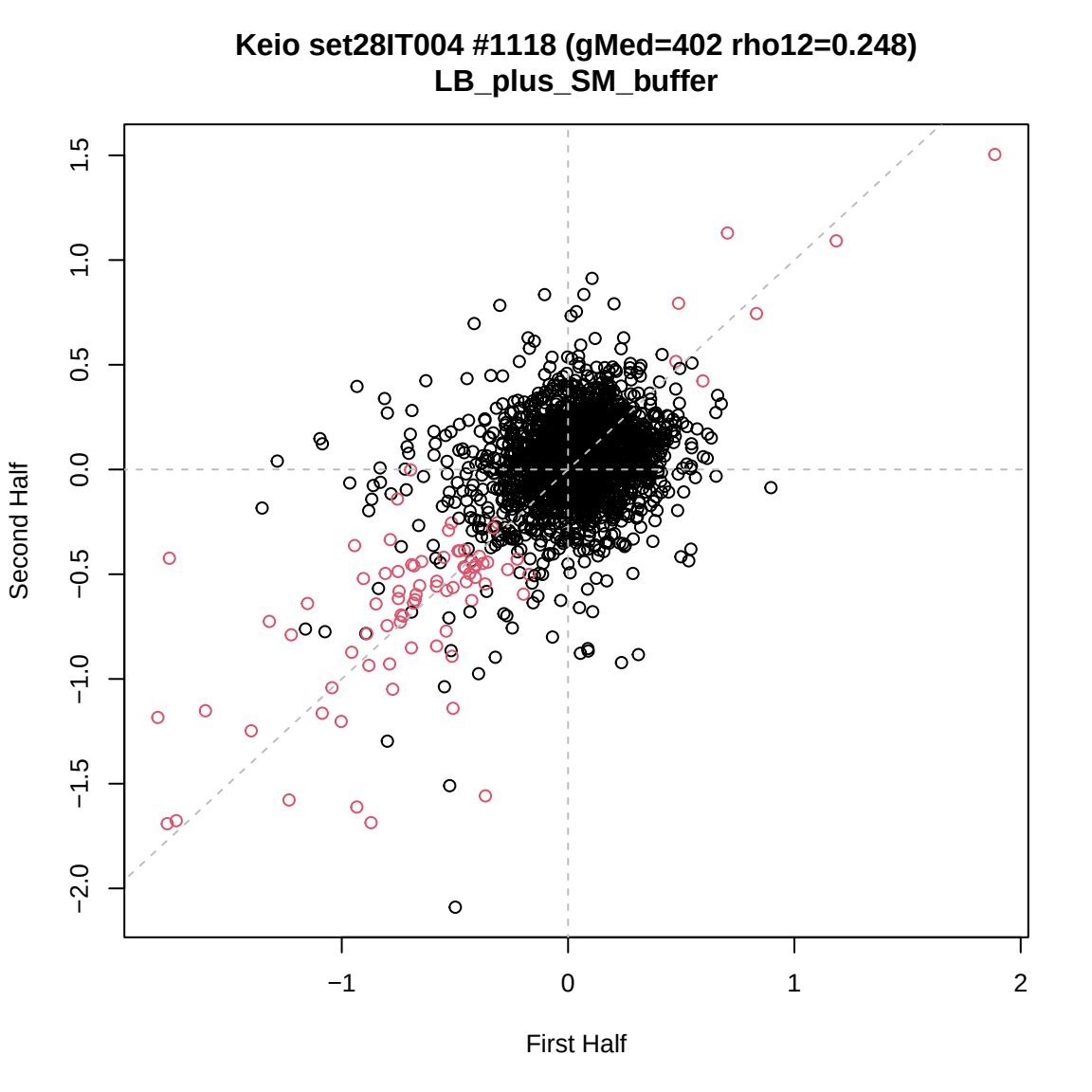

Keio set27IT091 #1113 (gMed=378 rho12=0.046)
ichoderma harzianum M10 grown as spores in 0.5x MS_media_noCarbon wit
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0
2

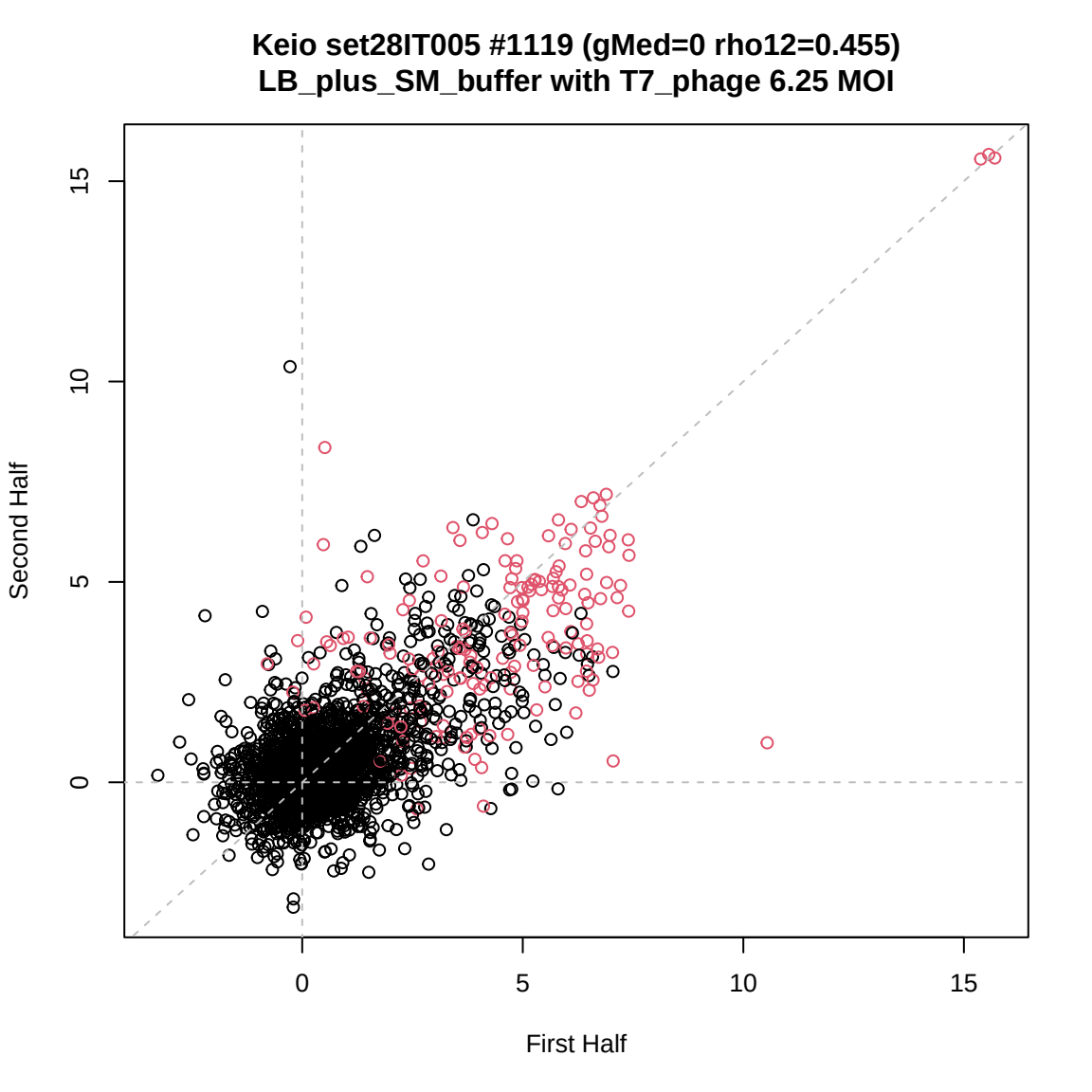

Keio set27IT092 #1114 (gMed=191 rho12=0.055)
ichoderma harzianum M10 grown as spores in 0.5x MS_media_noCarbon wit
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

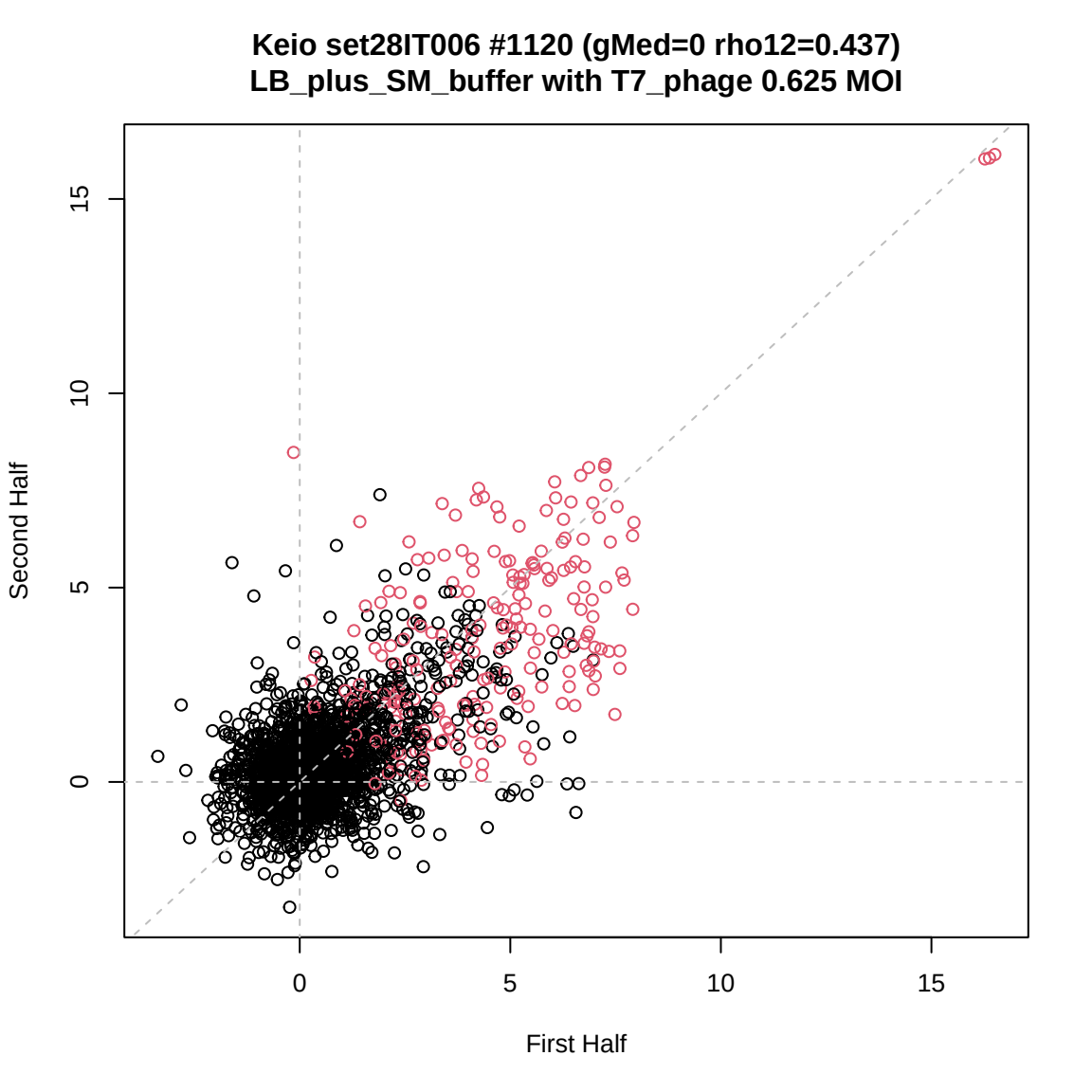

Keio set28IT001 #1115 (gMed=317 rho12=0.026)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

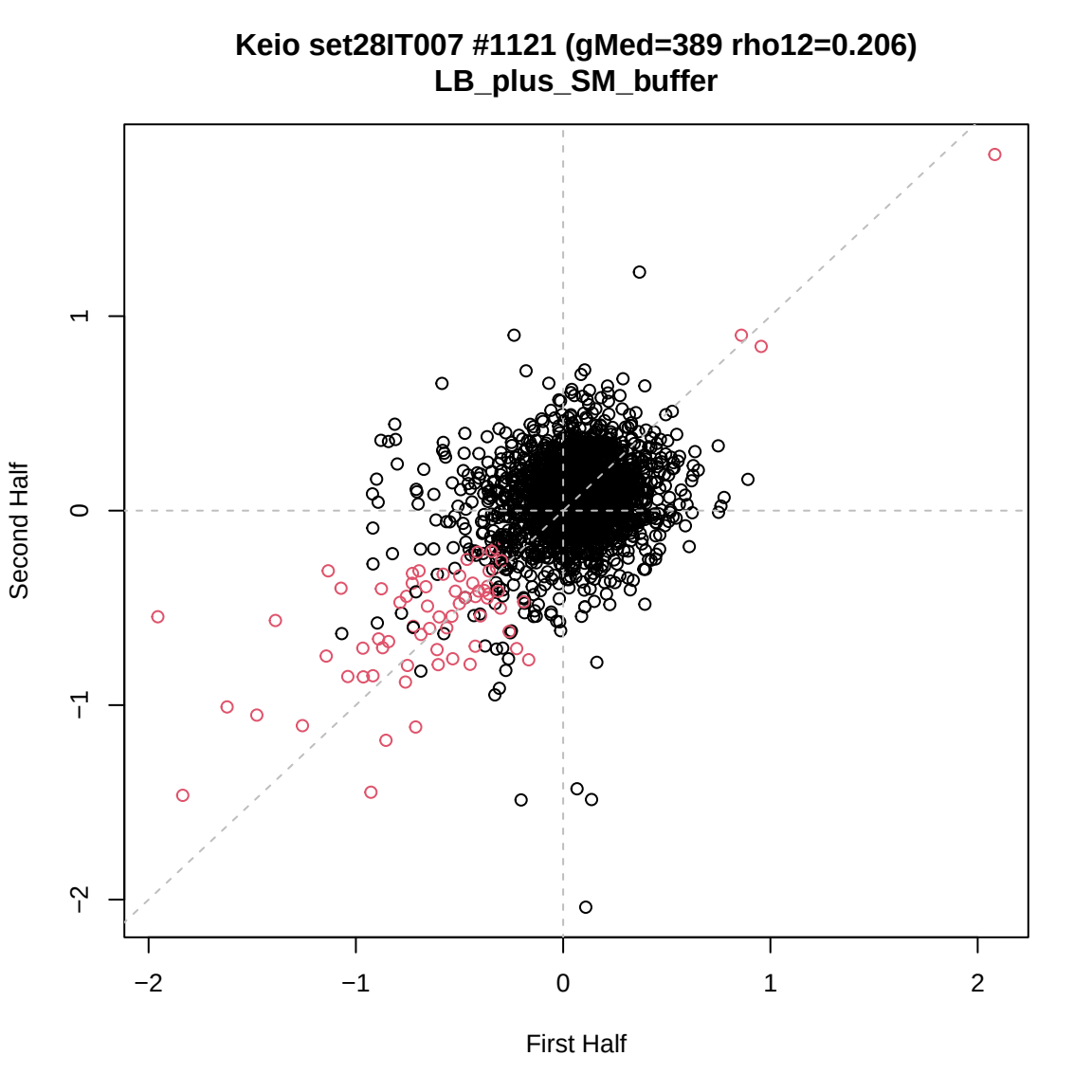

Keio set28IT002 #1116 (gMed=364 rho12=0.004)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

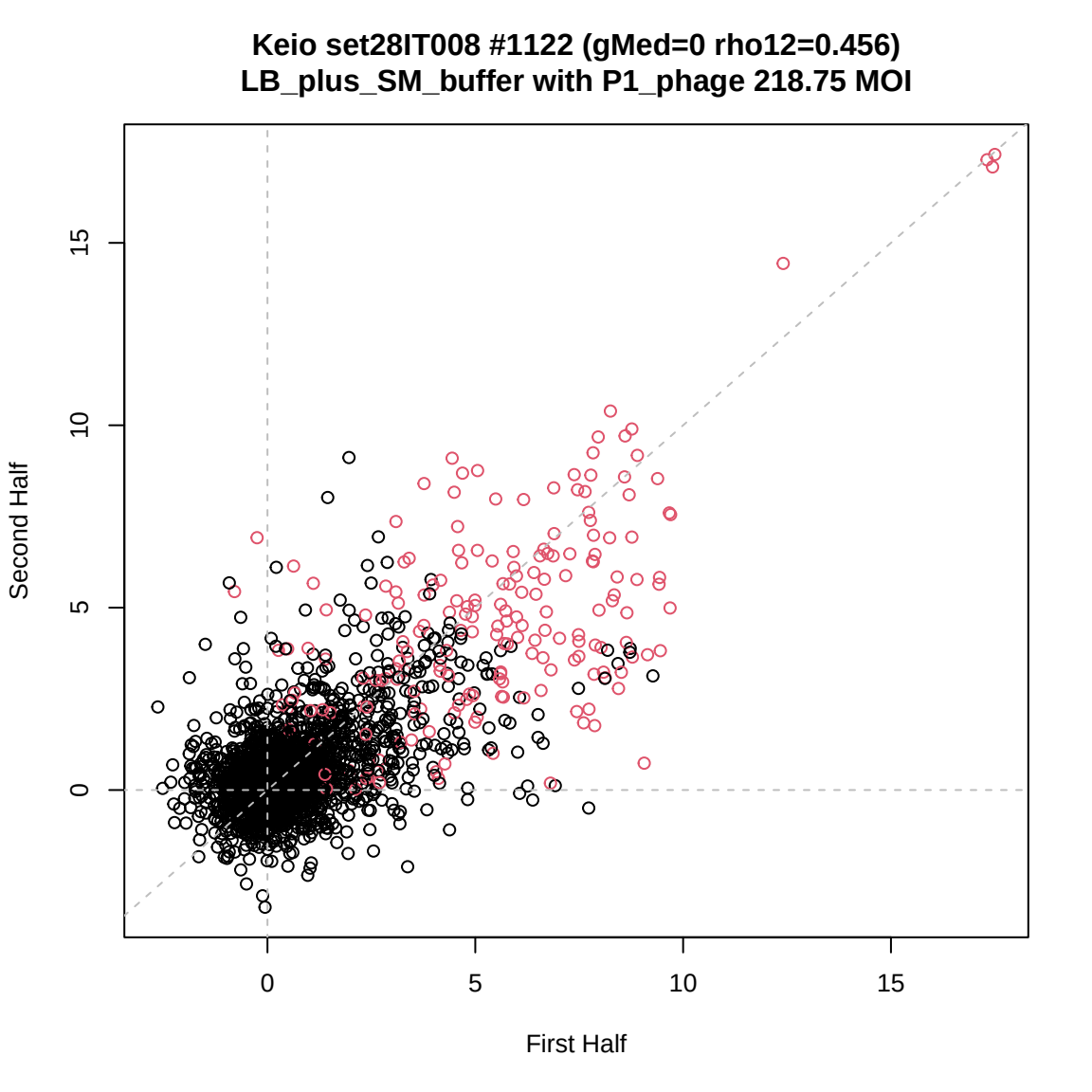

Keio set28IT003 #1117 (gMed=306 rho12=0.020)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

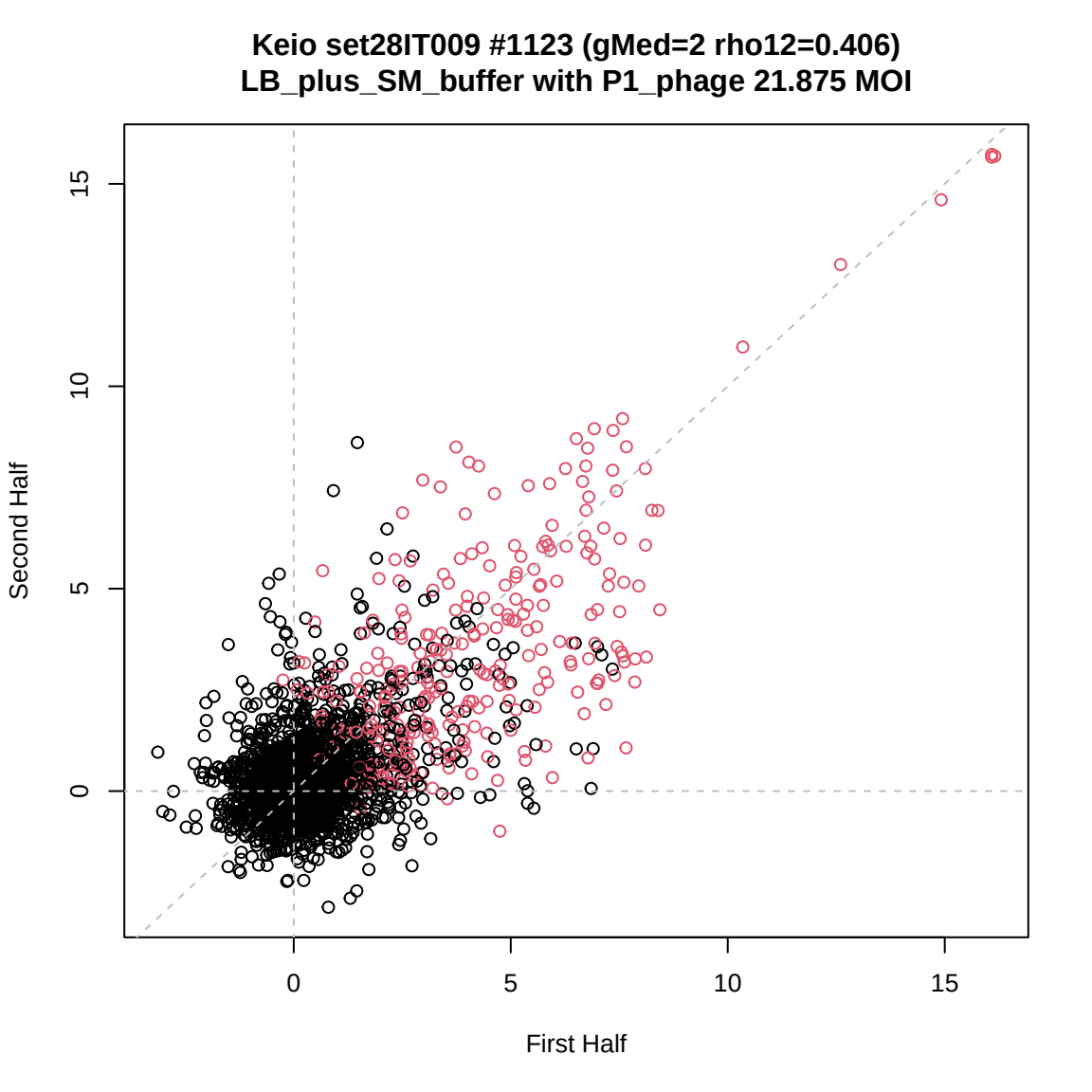

Keio set28IT004 #1118 (gMed=402 rho12=0.248)
LB_plus_SM_buffer
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1
0
1
2

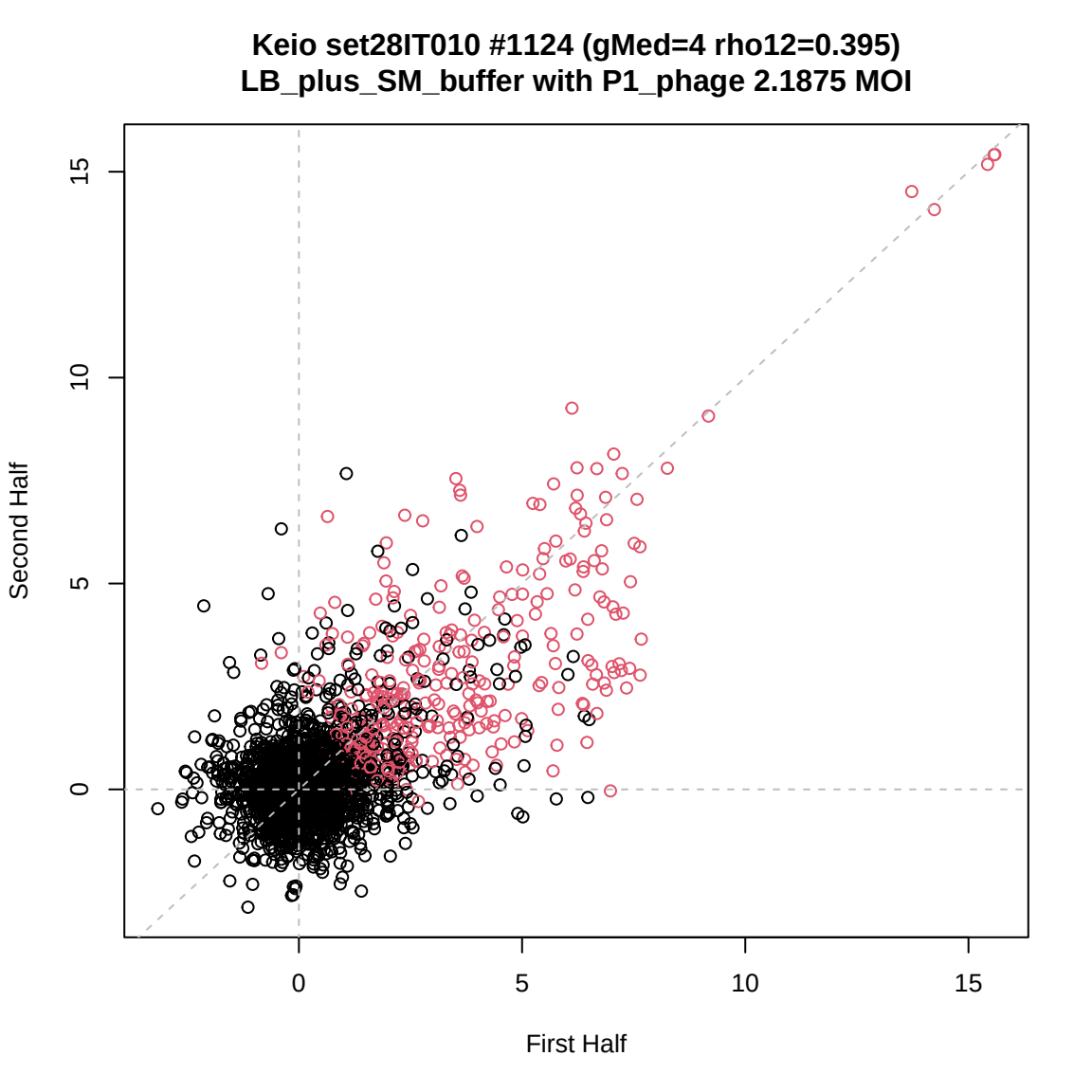

Keio set28IT005 #1119 (gMed=0 rho12=0.455)
LB_plus_SM_buffer with T7_phage 6.25 MOI
Second Half
First Half
0
5
10
15

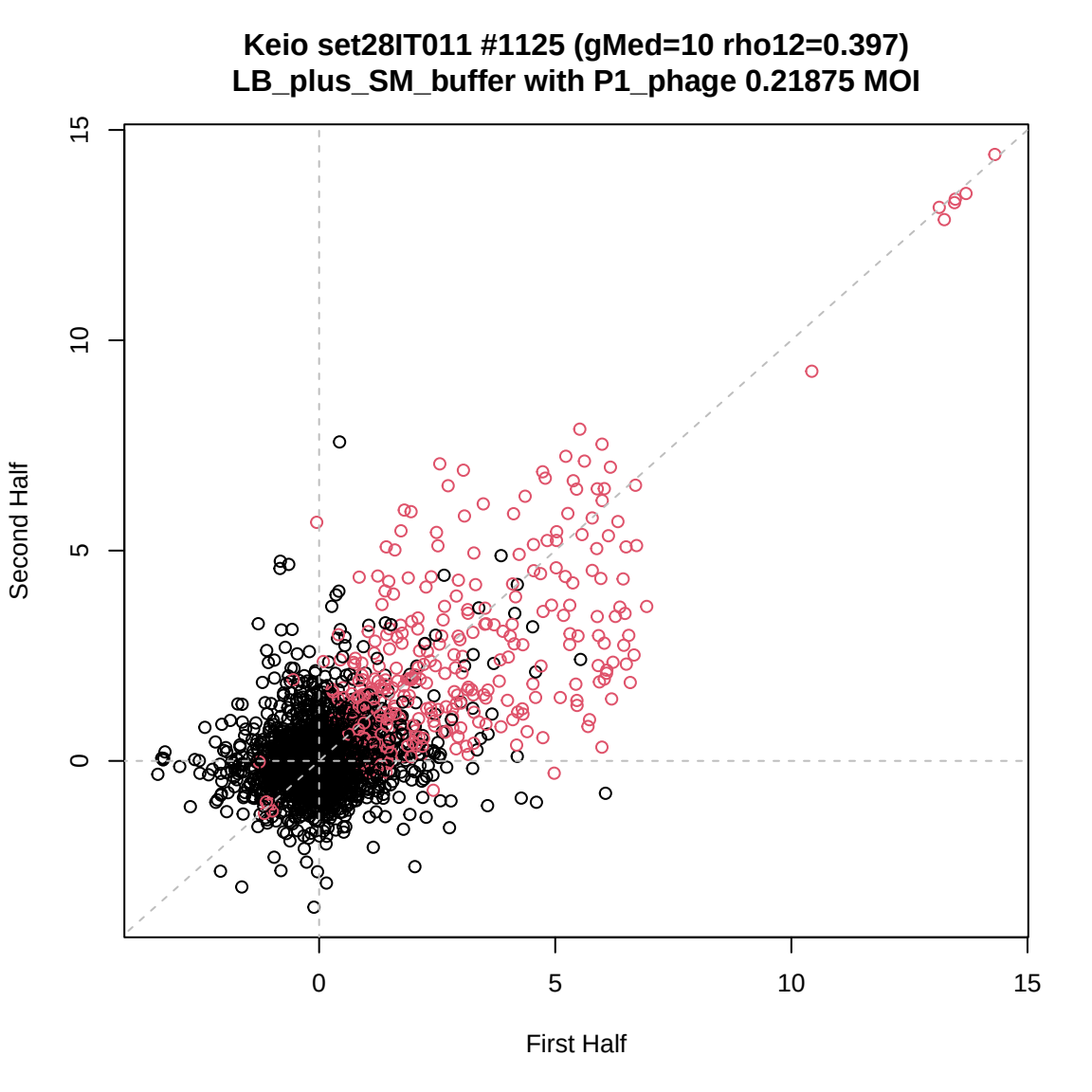

Keio set28IT006 #1120 (gMed=0 rho12=0.437)
LB_plus_SM_buffer with T7_phage 0.625 MOI
Second Half
First Half
0
5
10
15

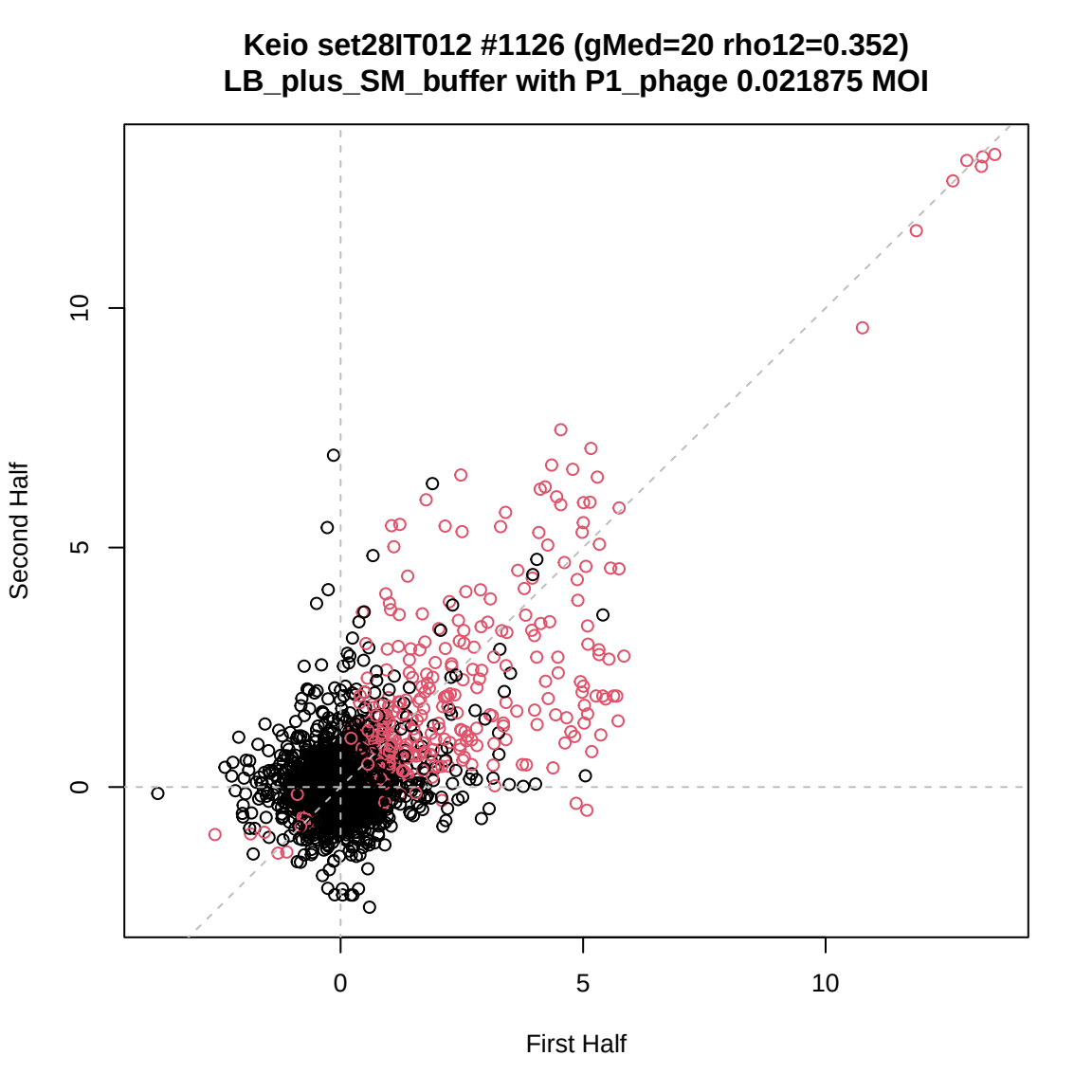

Keio set28IT007 #1121 (gMed=389 rho12=0.206)
LB_plus_SM_buffer
Second Half
First Half
−2
−1
0
1
2
−2
−1
0
1

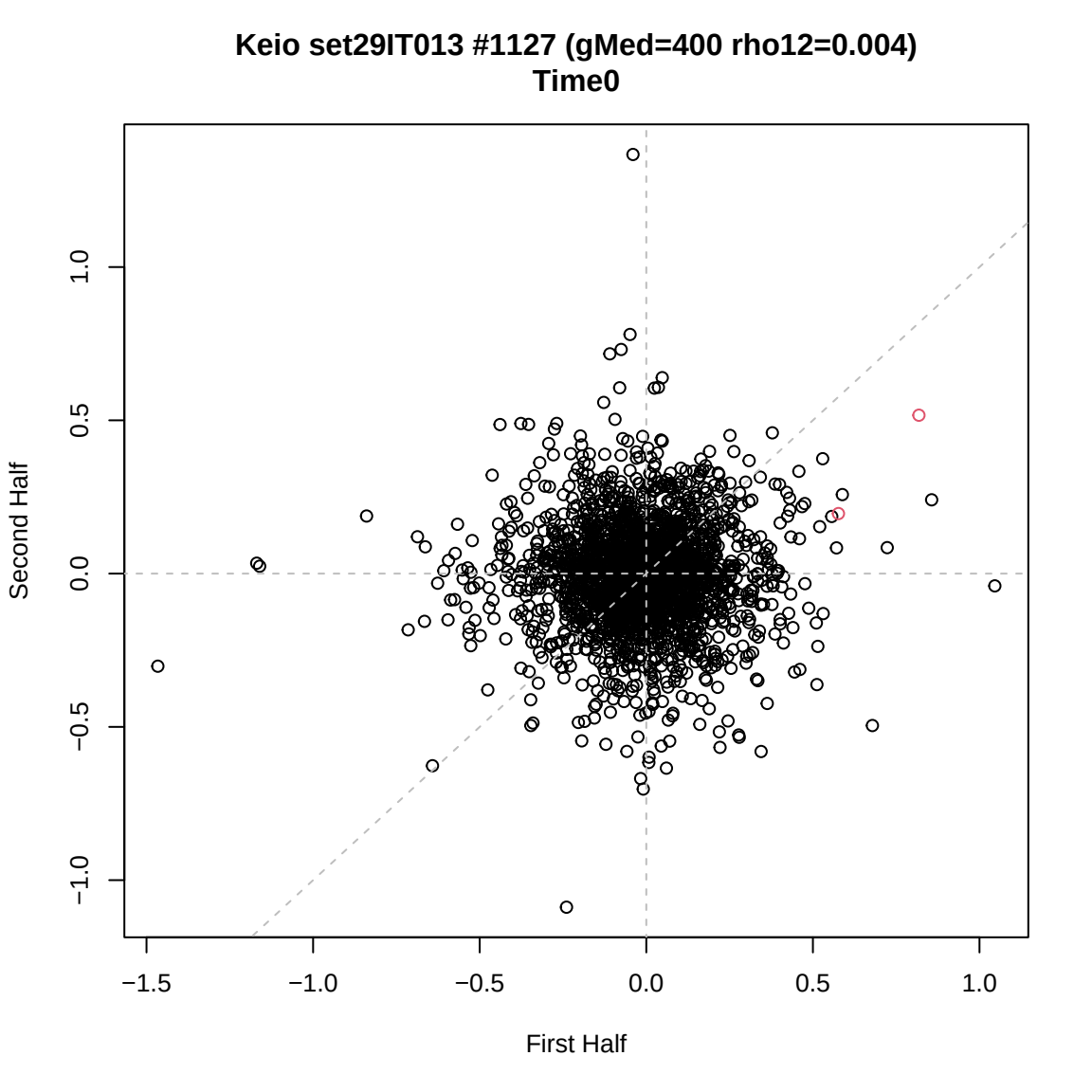

Keio set28IT008 #1122 (gMed=0 rho12=0.456)
LB_plus_SM_buffer with P1_phage 218.75 MOI
Second Half
First Half
0
5
10
15

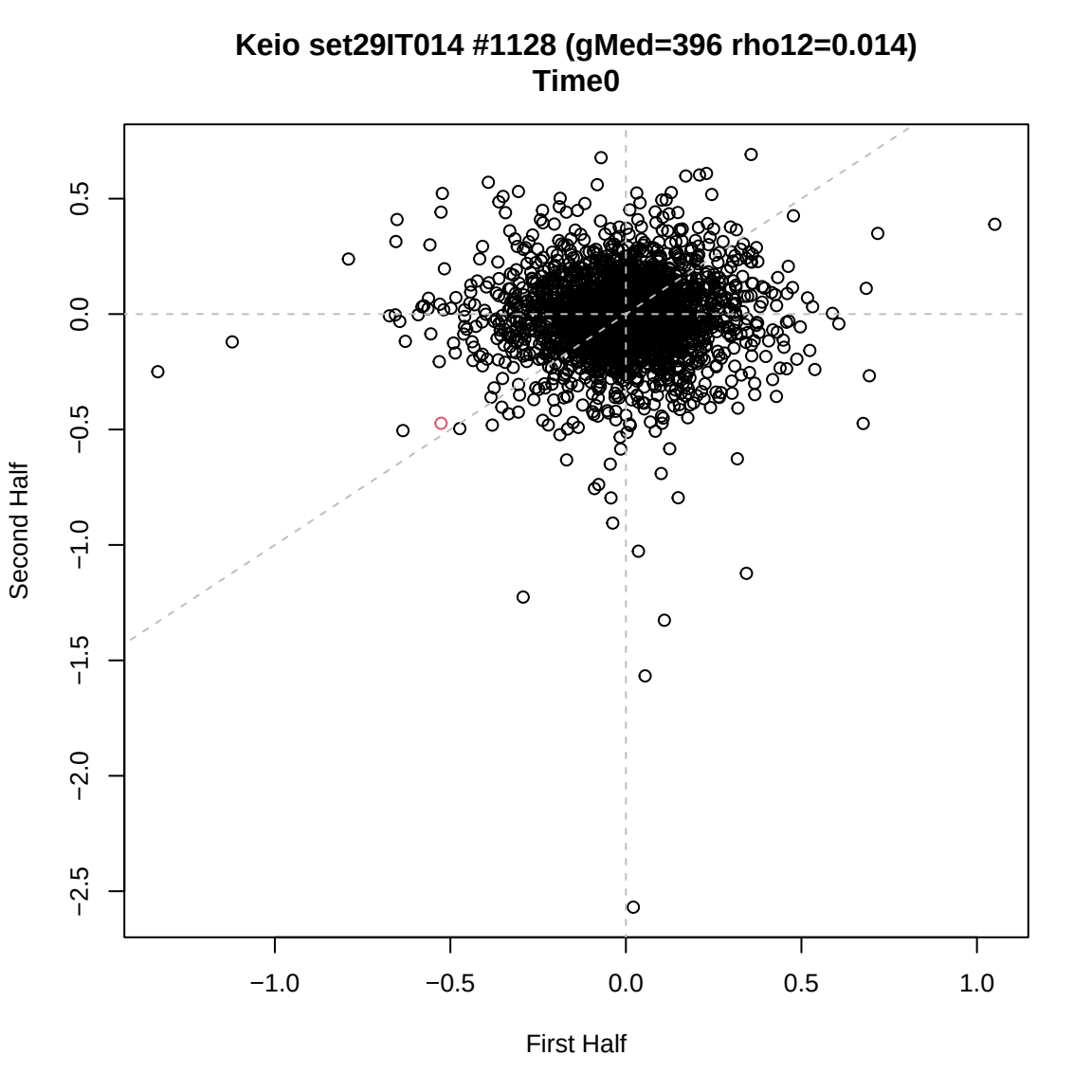

Keio set28IT009 #1123 (gMed=2 rho12=0.406)
LB_plus_SM_buffer with P1_phage 21.875 MOI
Second Half
First Half
0
5
10
15

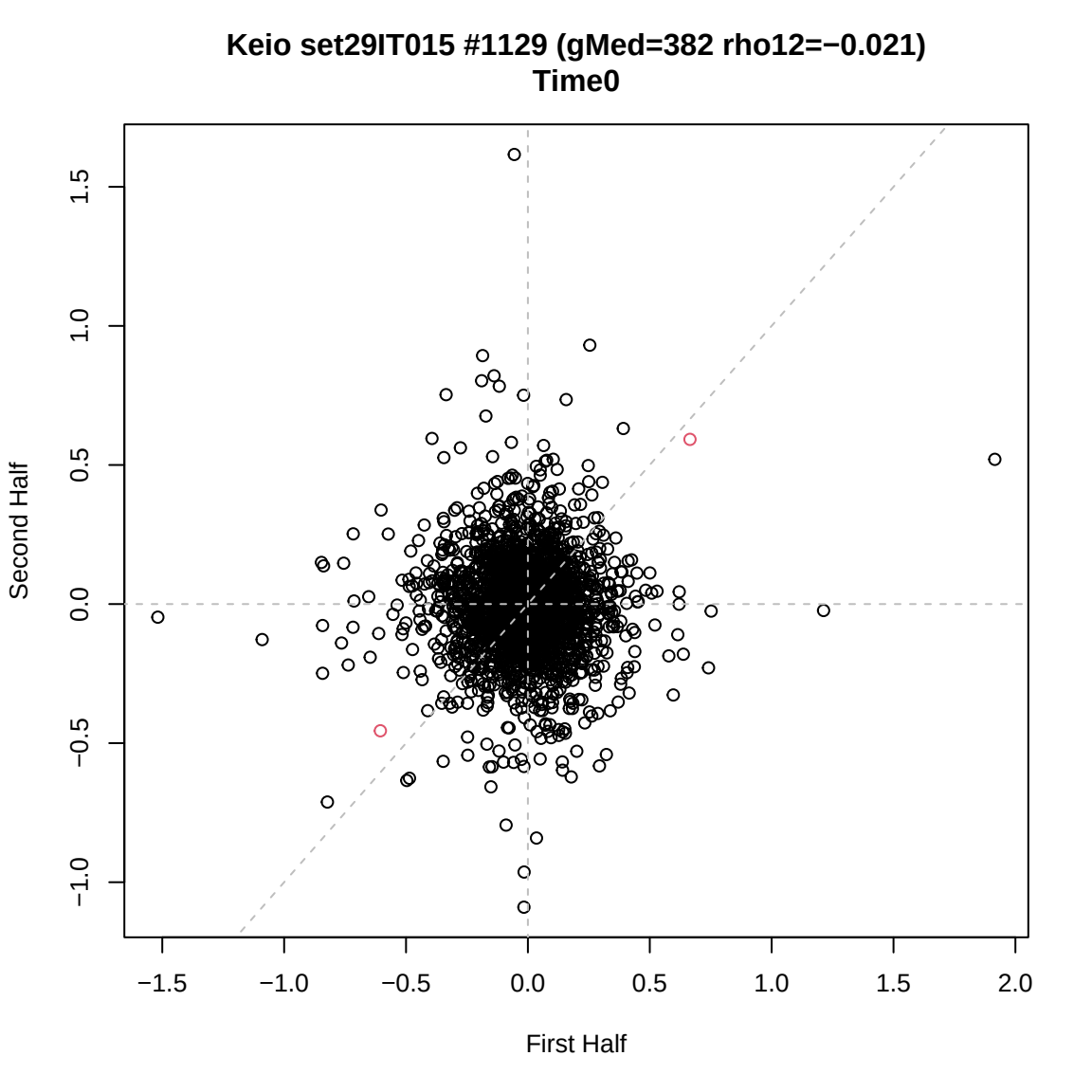

Keio set28IT010 #1124 (gMed=4 rho12=0.395)
LB_plus_SM_buffer with P1_phage 2.1875 MOI
Second Half
First Half
0
5
10
15

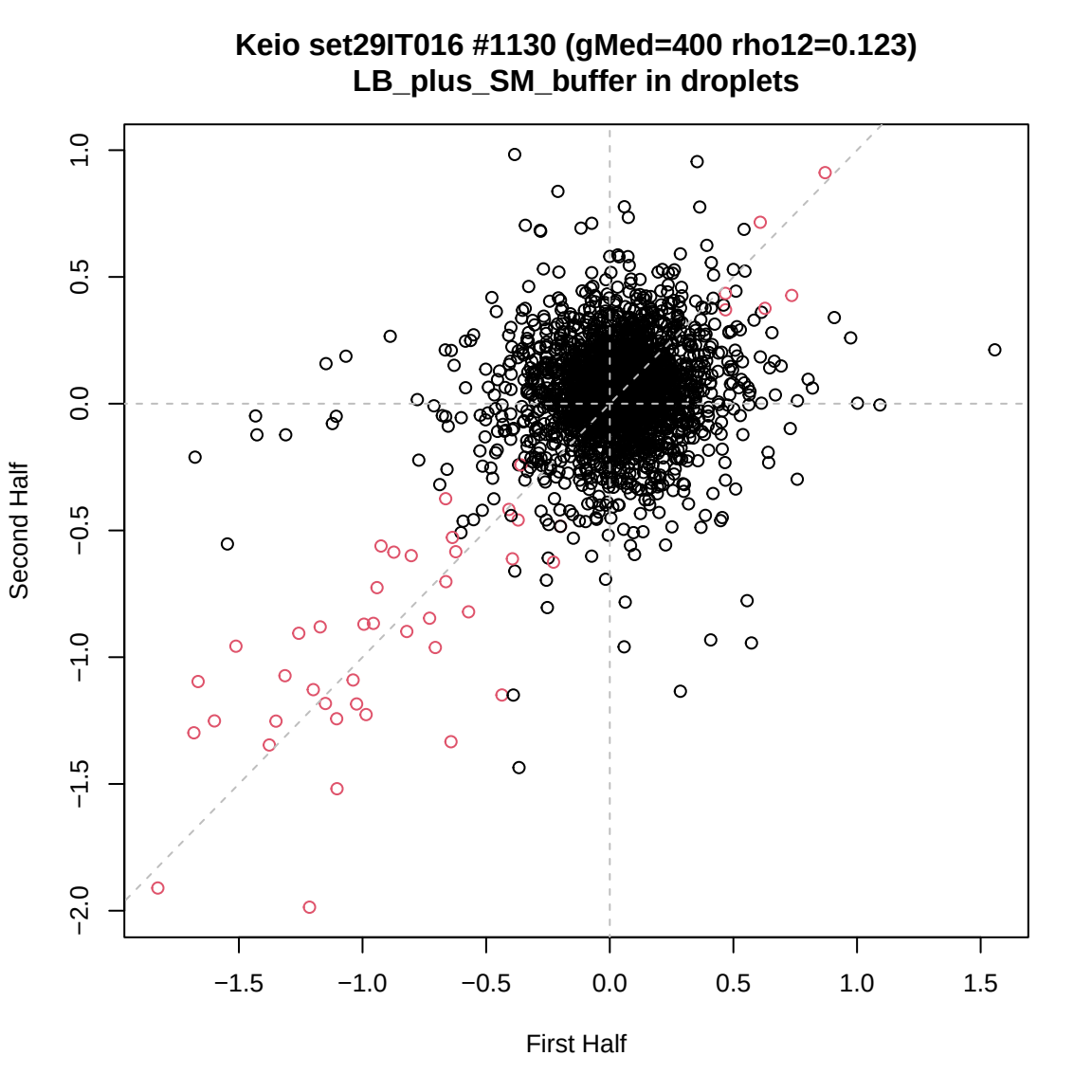

Keio set28IT011 #1125 (gMed=10 rho12=0.397)
LB_plus_SM_buffer with P1_phage 0.21875 MOI
Second Half
First Half
0
5
10
15

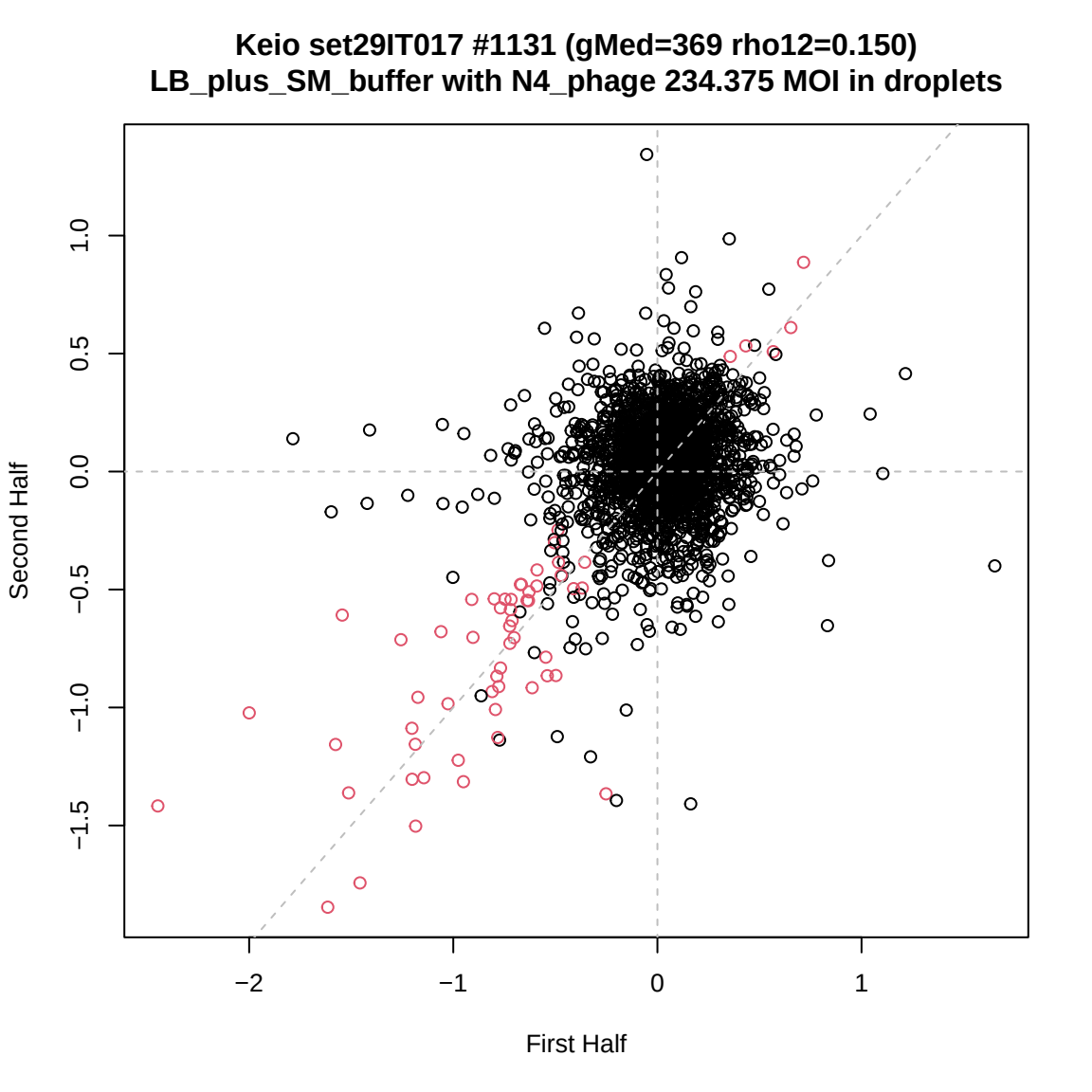

Keio set28IT012 #1126 (gMed=20 rho12=0.352)
LB_plus_SM_buffer with P1_phage 0.021875 MOI
Second Half
First Half
0
5
10
0
5
10

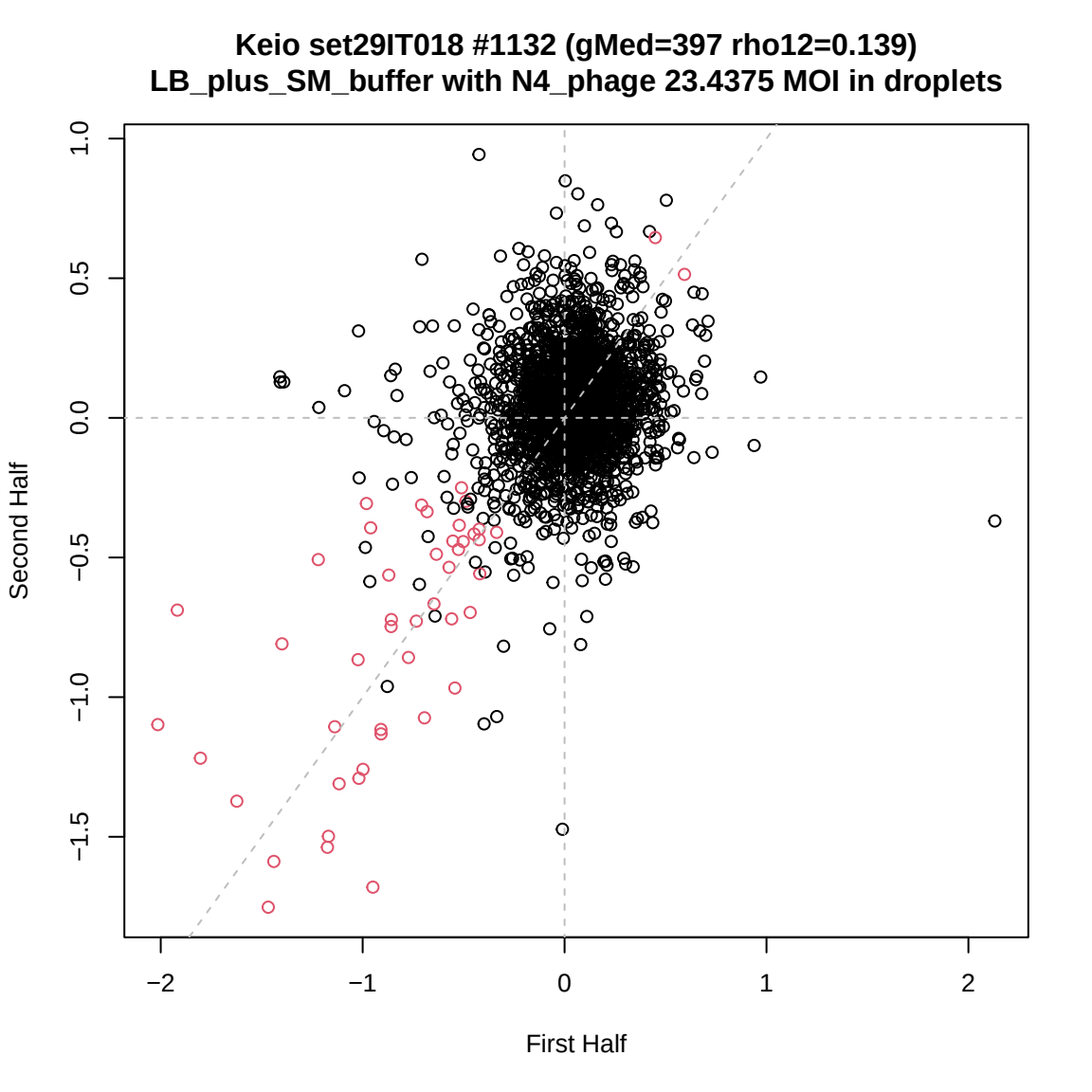

Keio set29IT013 #1127 (gMed=400 rho12=0.004)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

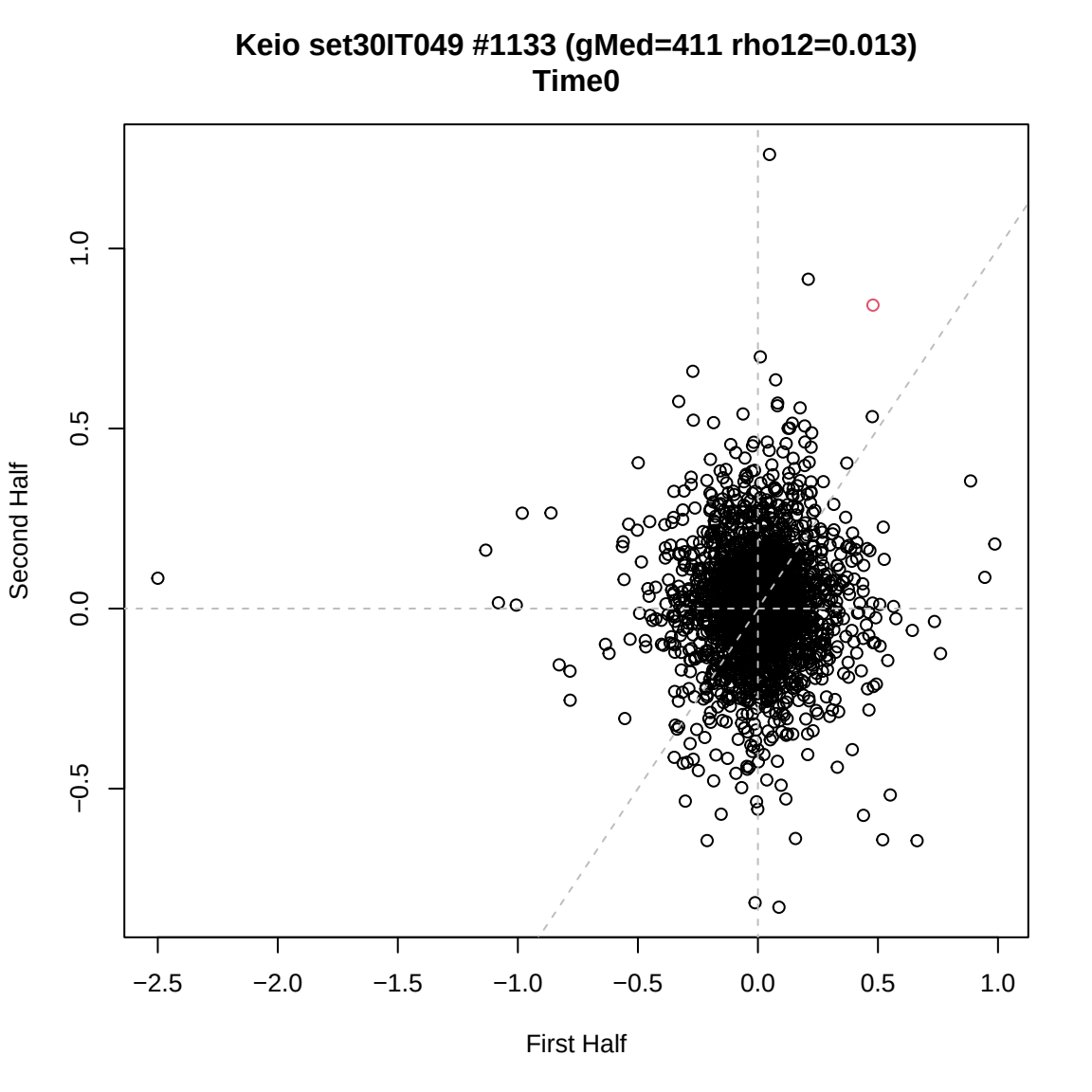

Keio set29IT014 #1128 (gMed=396 rho12=0.014)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−1.0
−0.5
0.0
0.5
1.0

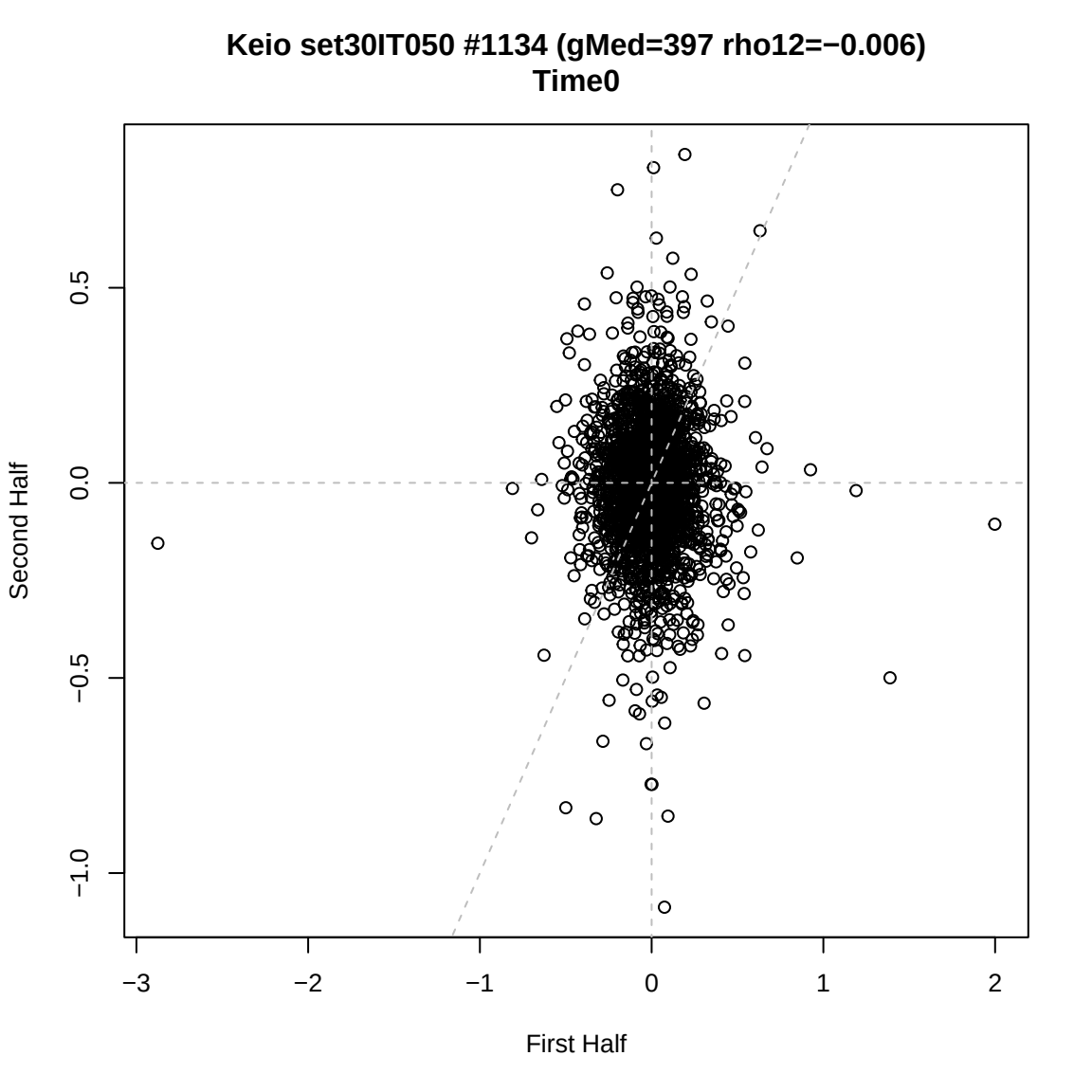

Keio set29IT015 #1129 (gMed=382 rho12=−0.021)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

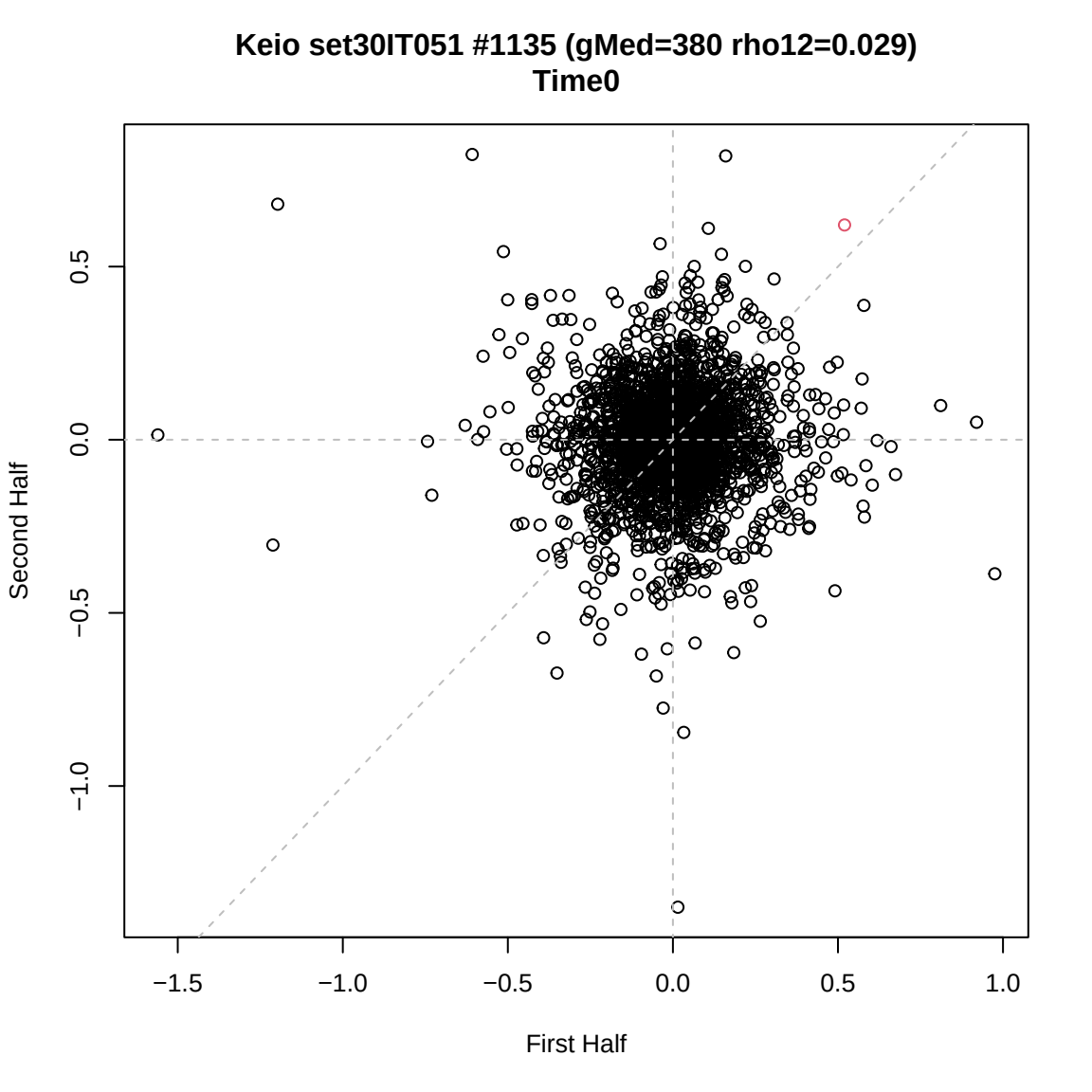

Keio set29IT016 #1130 (gMed=400 rho12=0.123)
LB_plus_SM_buffer in droplets
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

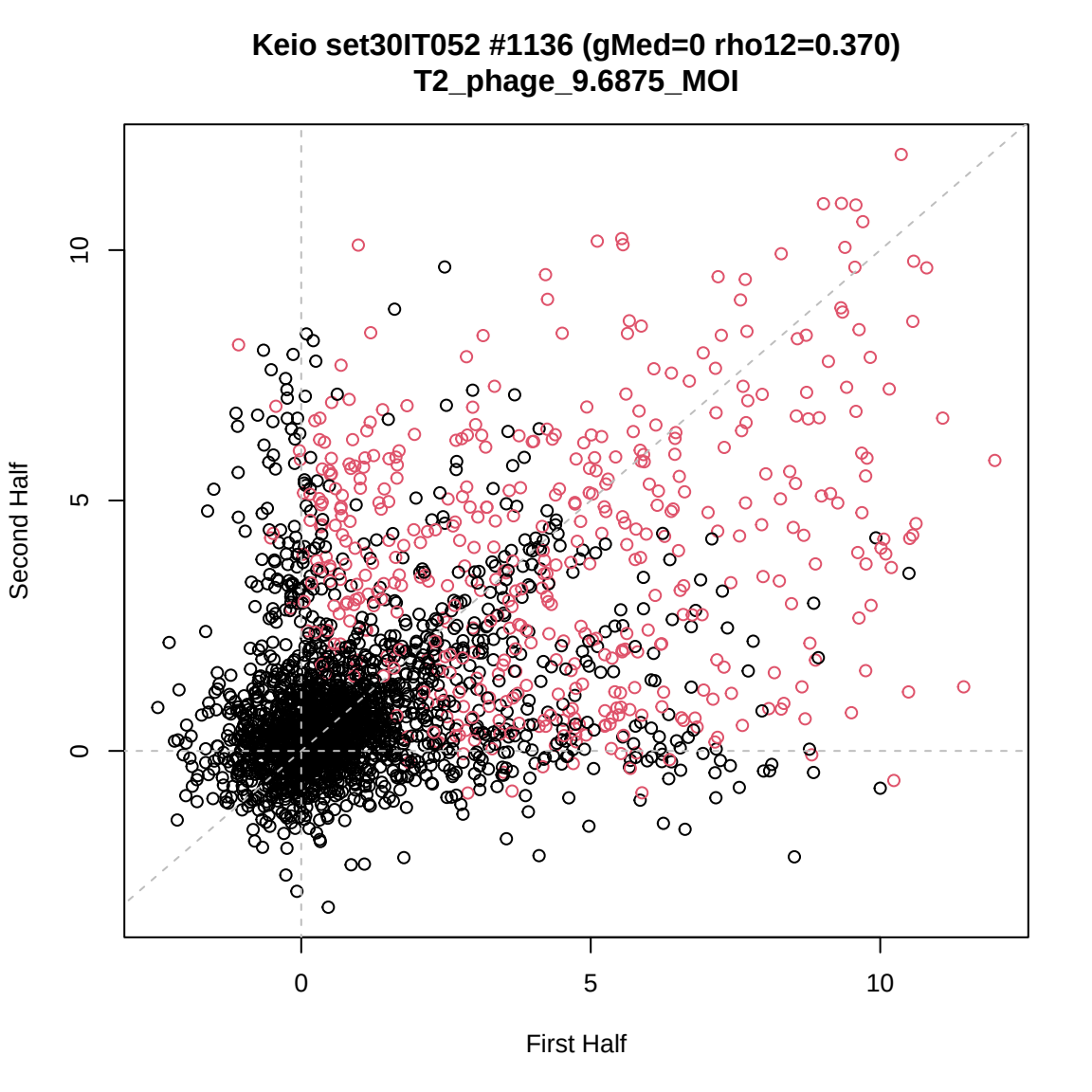

Keio set29IT017 #1131 (gMed=369 rho12=0.150)
LB_plus_SM_buffer with N4_phage 234.375 MOI in droplets
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

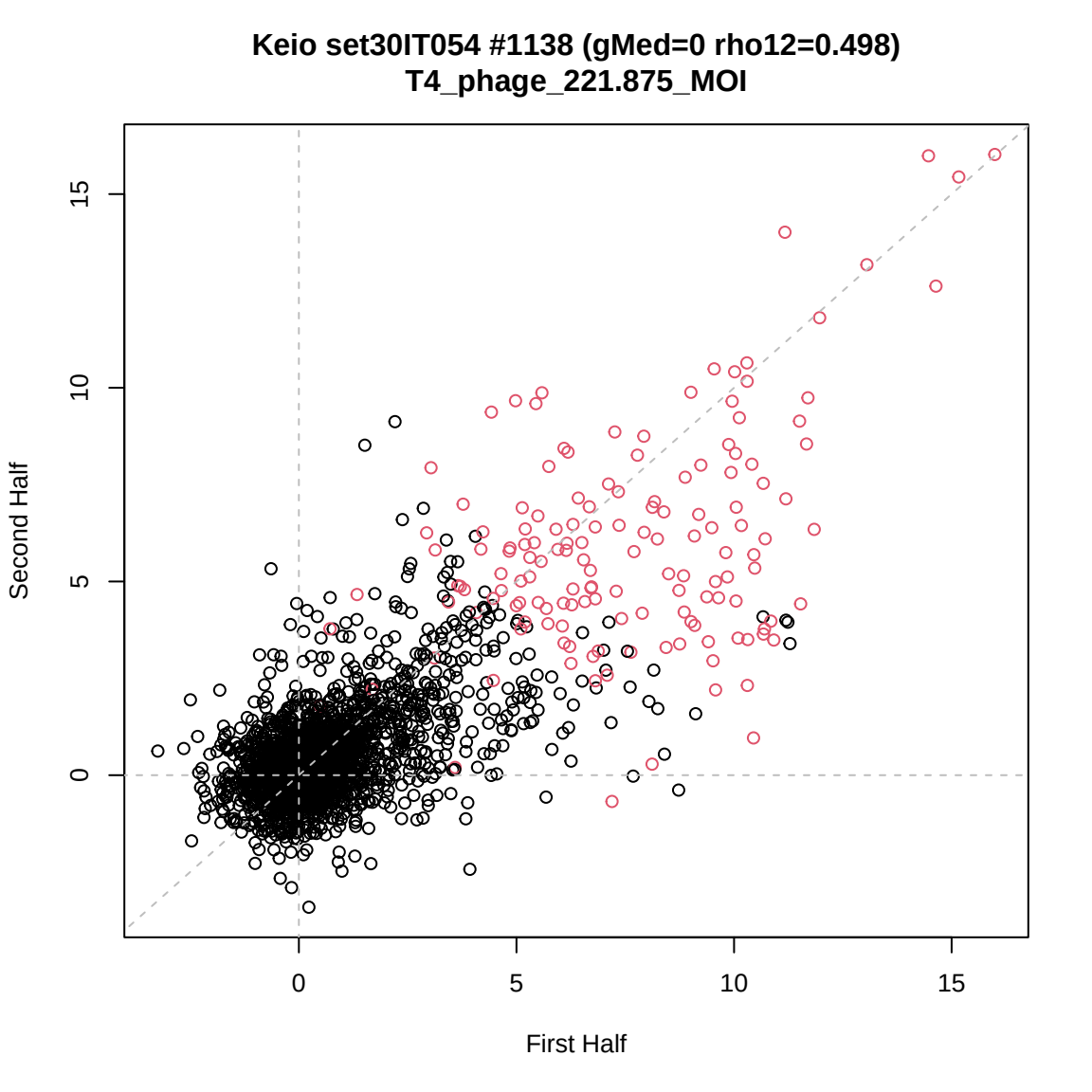

Keio set29IT018 #1132 (gMed=397 rho12=0.139)
LB_plus_SM_buffer with N4_phage 23.4375 MOI in droplets
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1
2

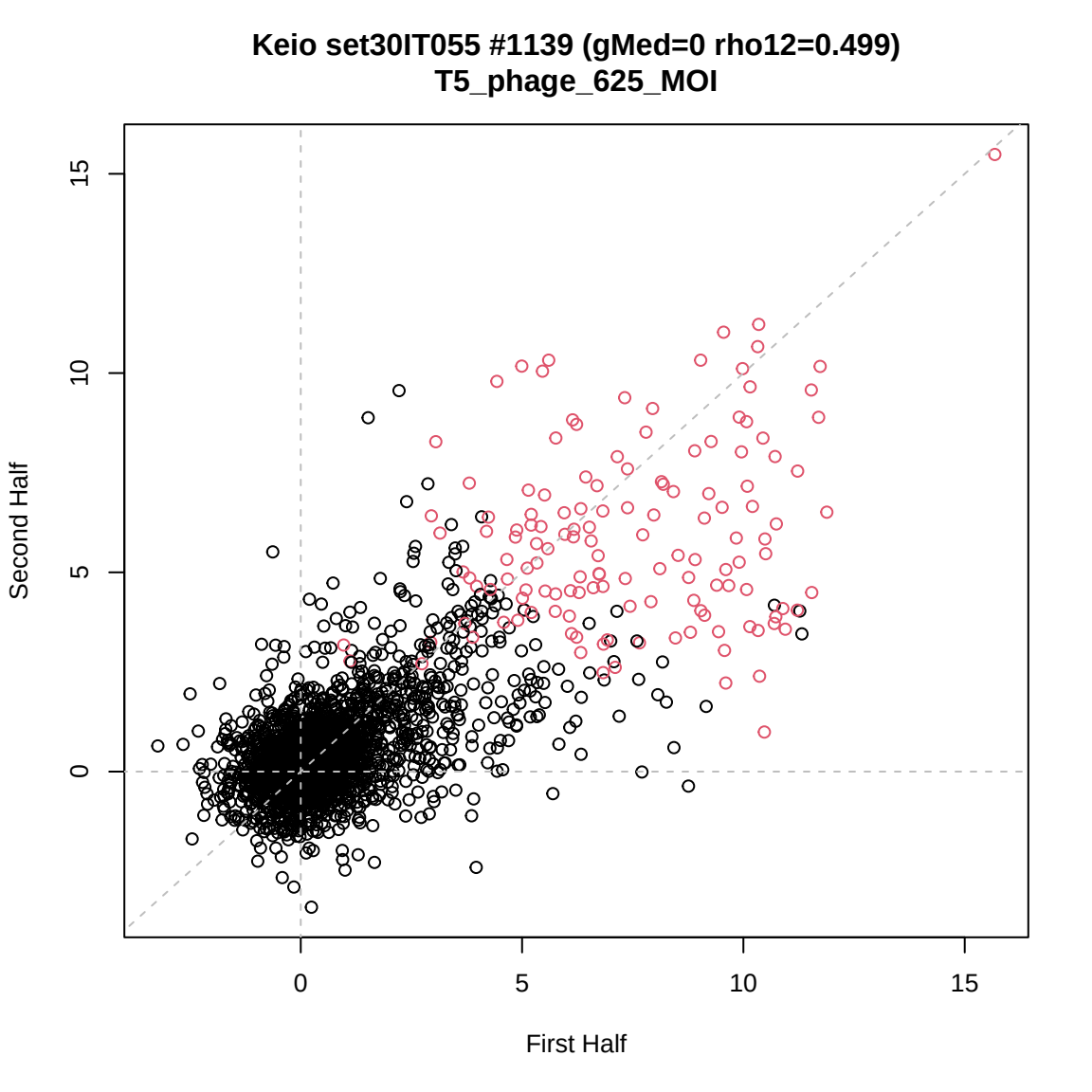

Keio set30IT049 #1133 (gMed=411 rho12=0.013)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

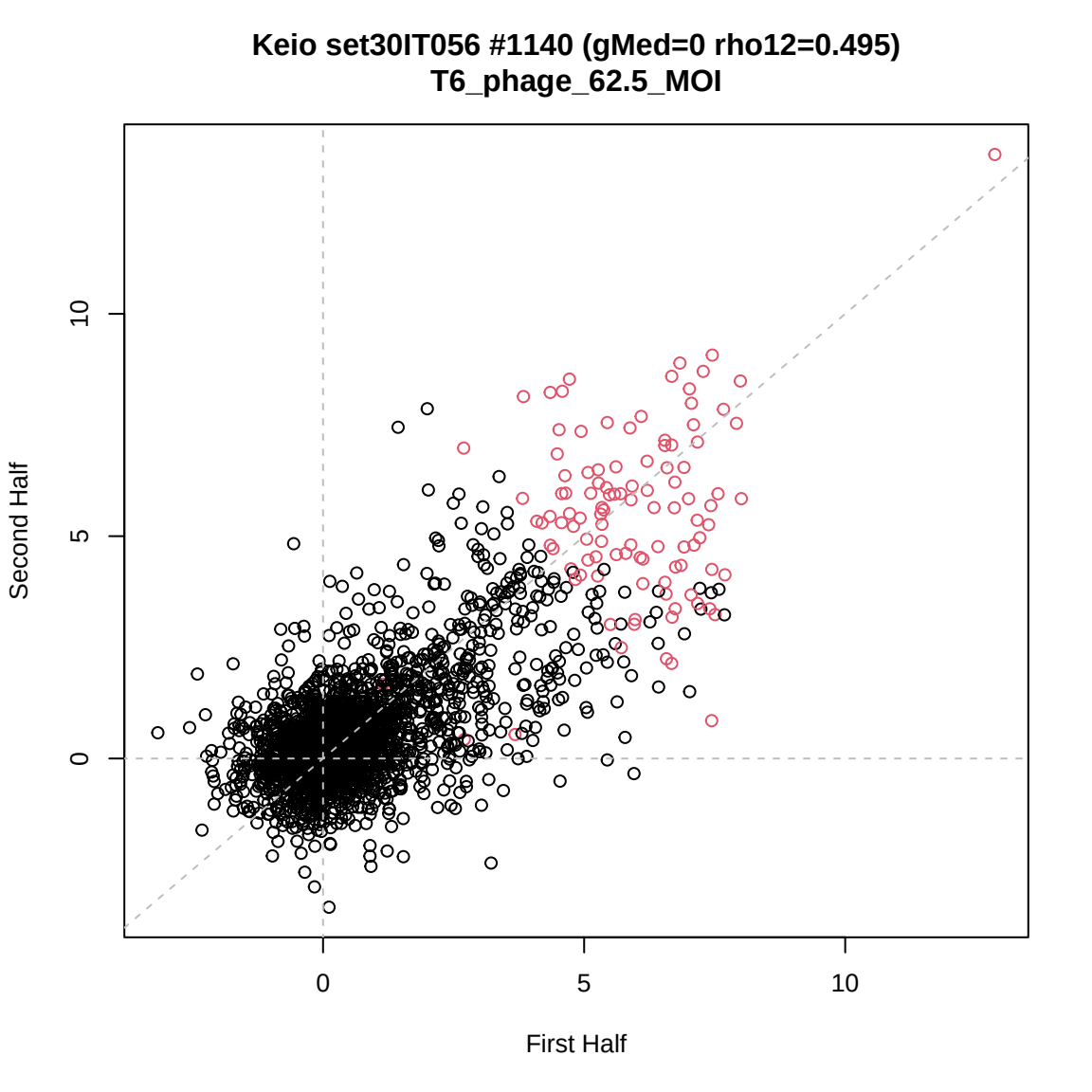

Keio set30IT050 #1134 (gMed=397 rho12=−0.006)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−3
−2
−1
0
1
2

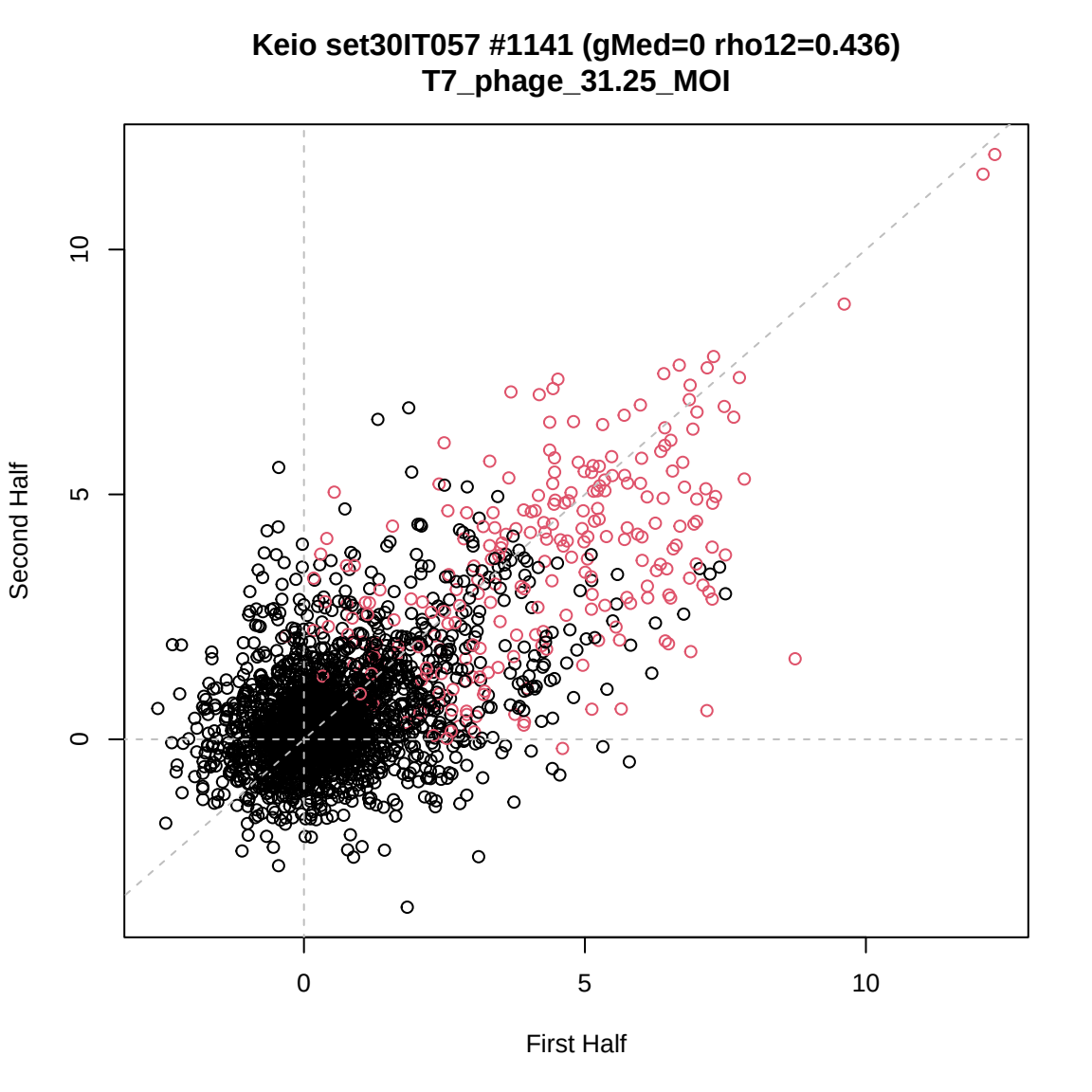

Keio set30IT051 #1135 (gMed=380 rho12=0.029)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

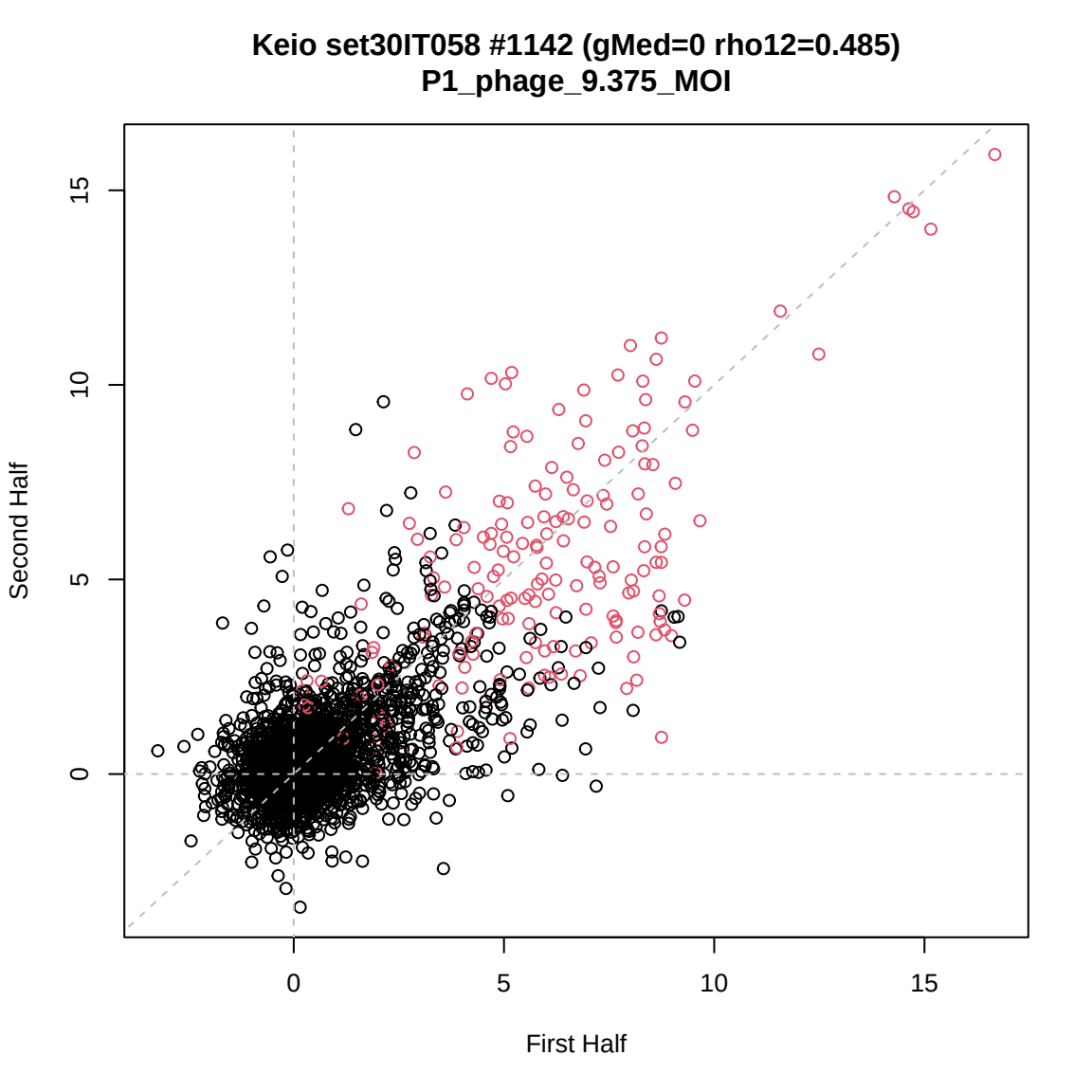

Keio set30IT052 #1136 (gMed=0 rho12=0.370)
T2_phage_9.6875_MOI
Second Half
First Half
0
5
10
0
5
10

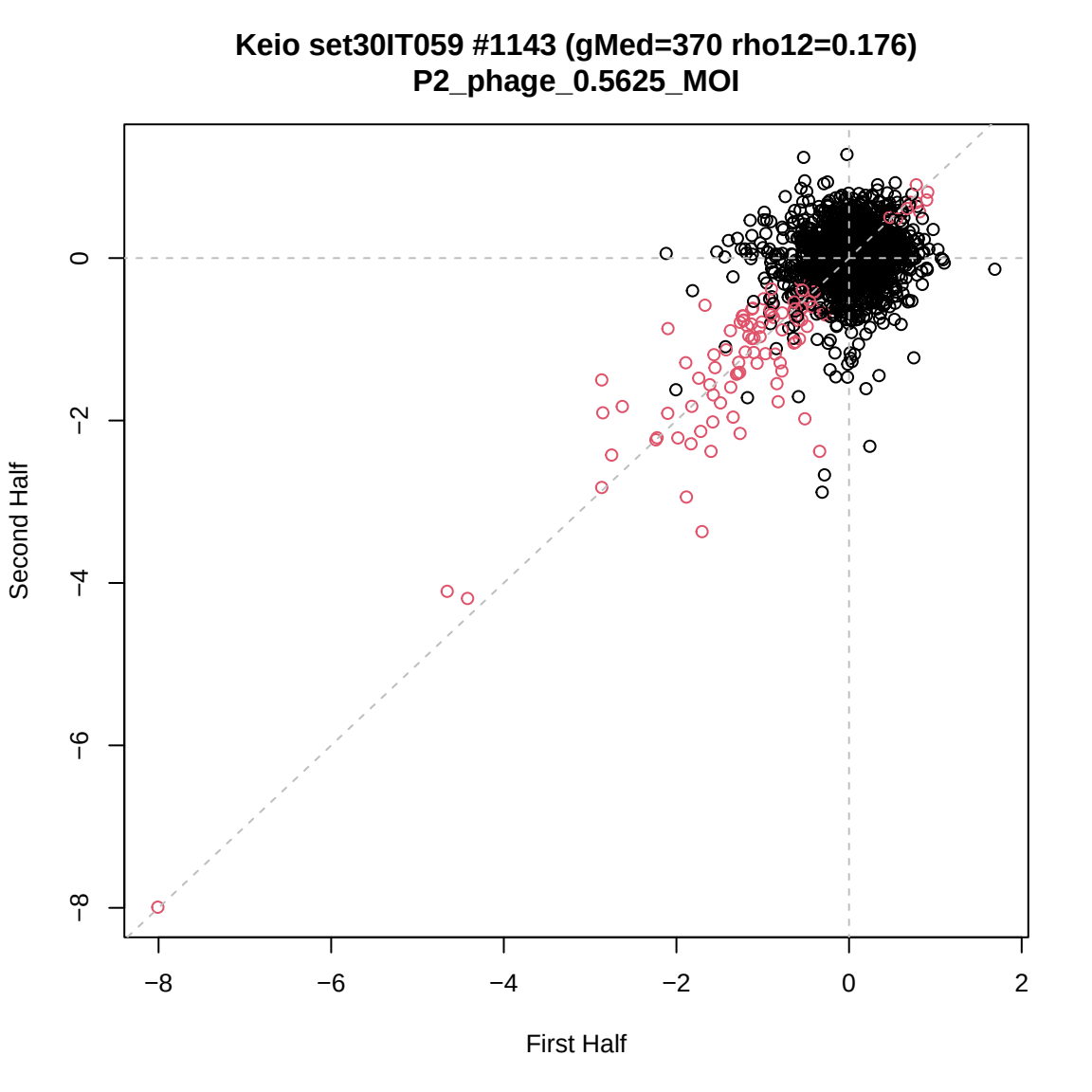

Keio set30IT054 #1138 (gMed=0 rho12=0.498)
T4_phage_221.875_MOI
Second Half
First Half
0
5
10
15

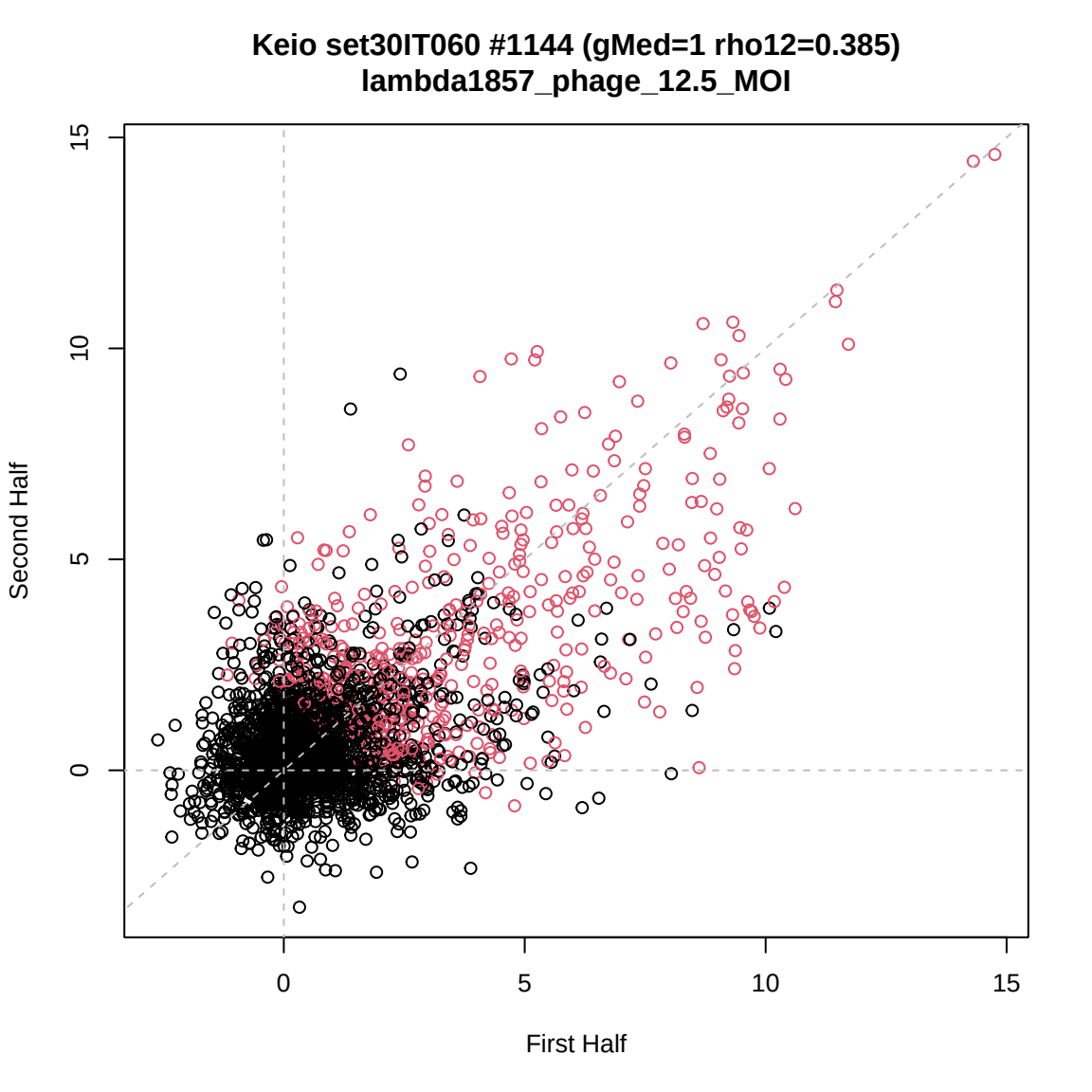

Keio set30IT055 #1139 (gMed=0 rho12=0.499)
T5_phage_625_MOI
Second Half
First Half
0
5
10
15

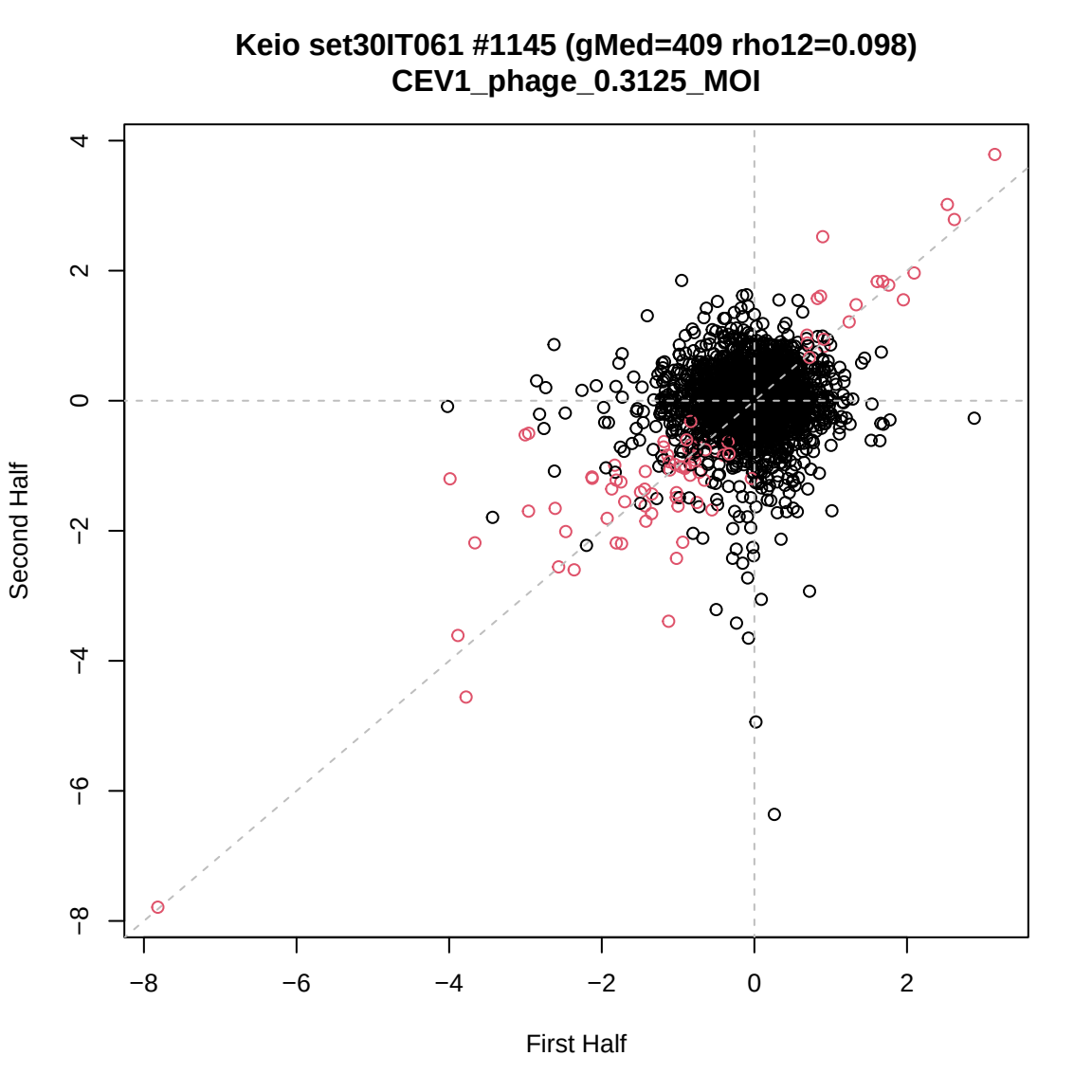

Keio set30IT056 #1140 (gMed=0 rho12=0.495)
T6_phage_62.5_MOI
Second Half
First Half
0
5
10
0
5
10

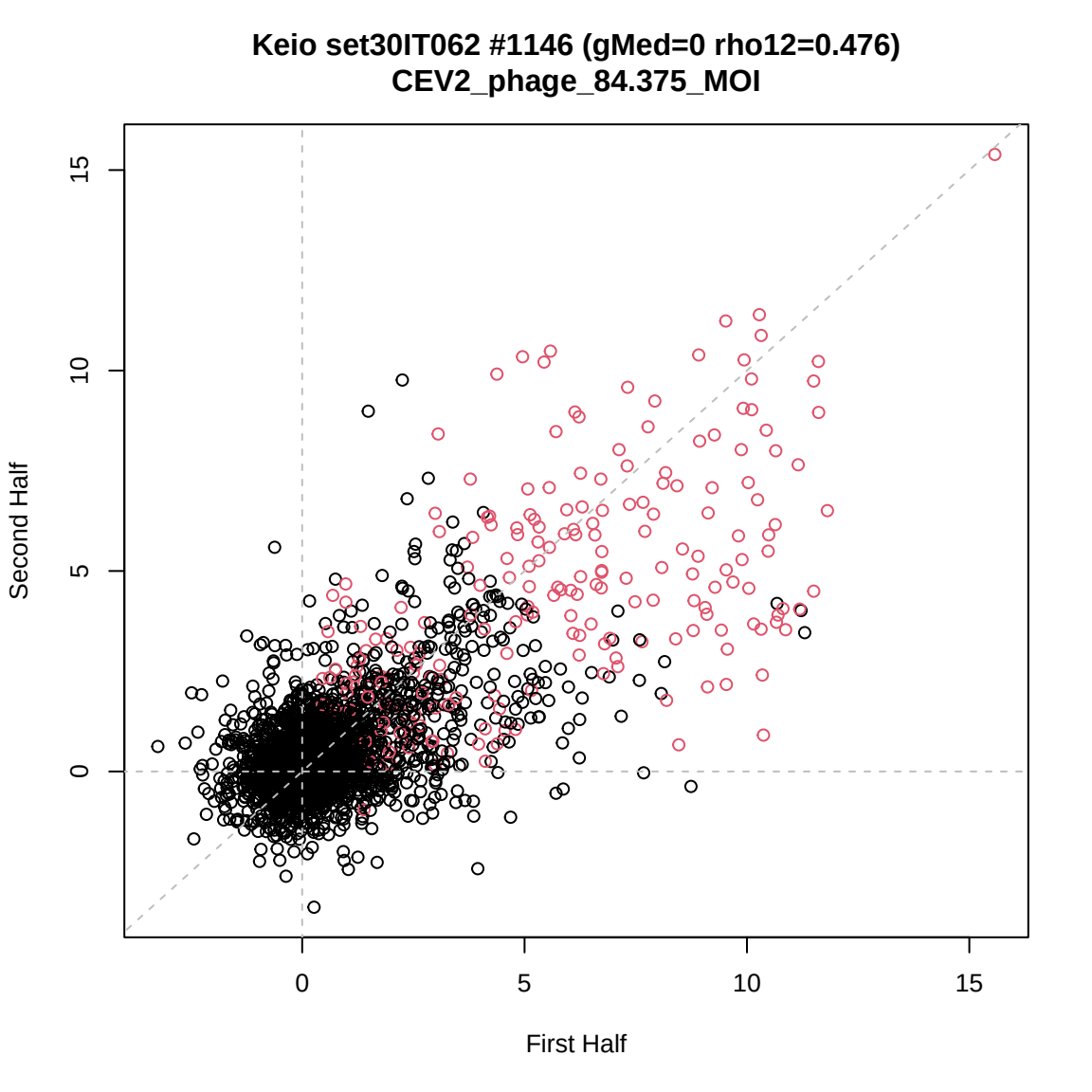

Keio set30IT057 #1141 (gMed=0 rho12=0.436)
T7_phage_31.25_MOI
Second Half
First Half
0
5
10
0
5
10

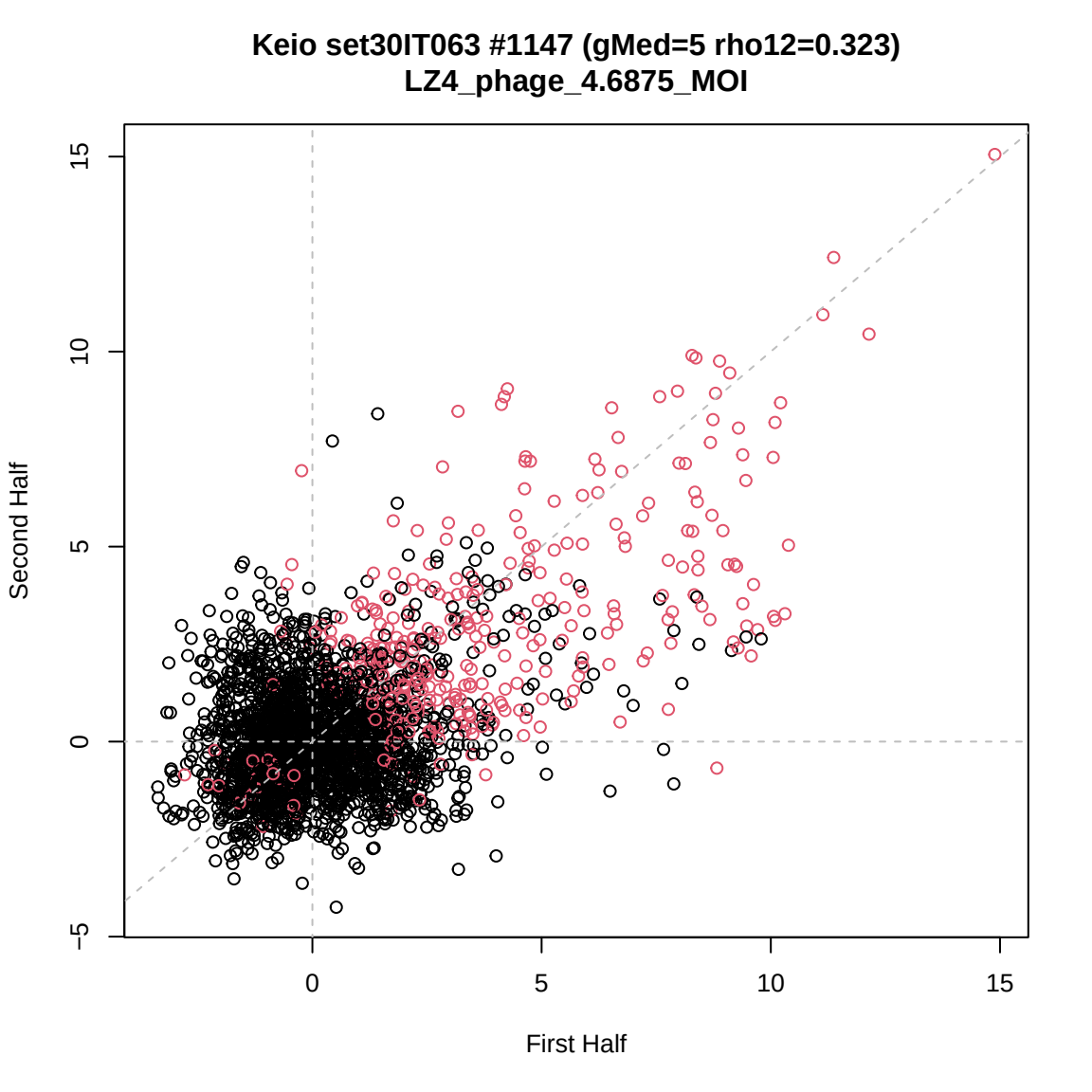

Keio set30IT058 #1142 (gMed=0 rho12=0.485)
P1_phage_9.375_MOI
Second Half
First Half
0
5
10
15

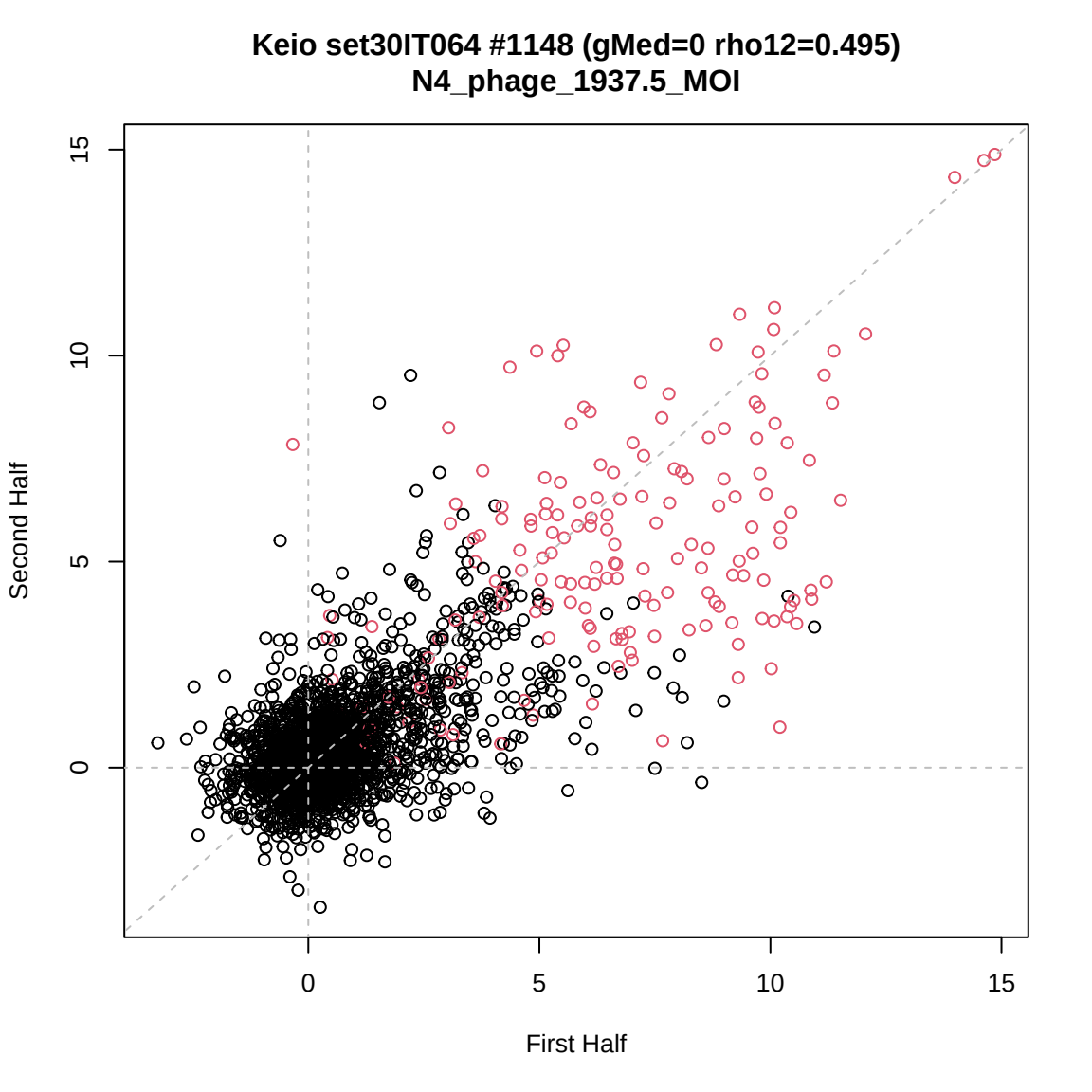

Keio set30IT059 #1143 (gMed=370 rho12=0.176)
P2_phage_0.5625_MOI
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

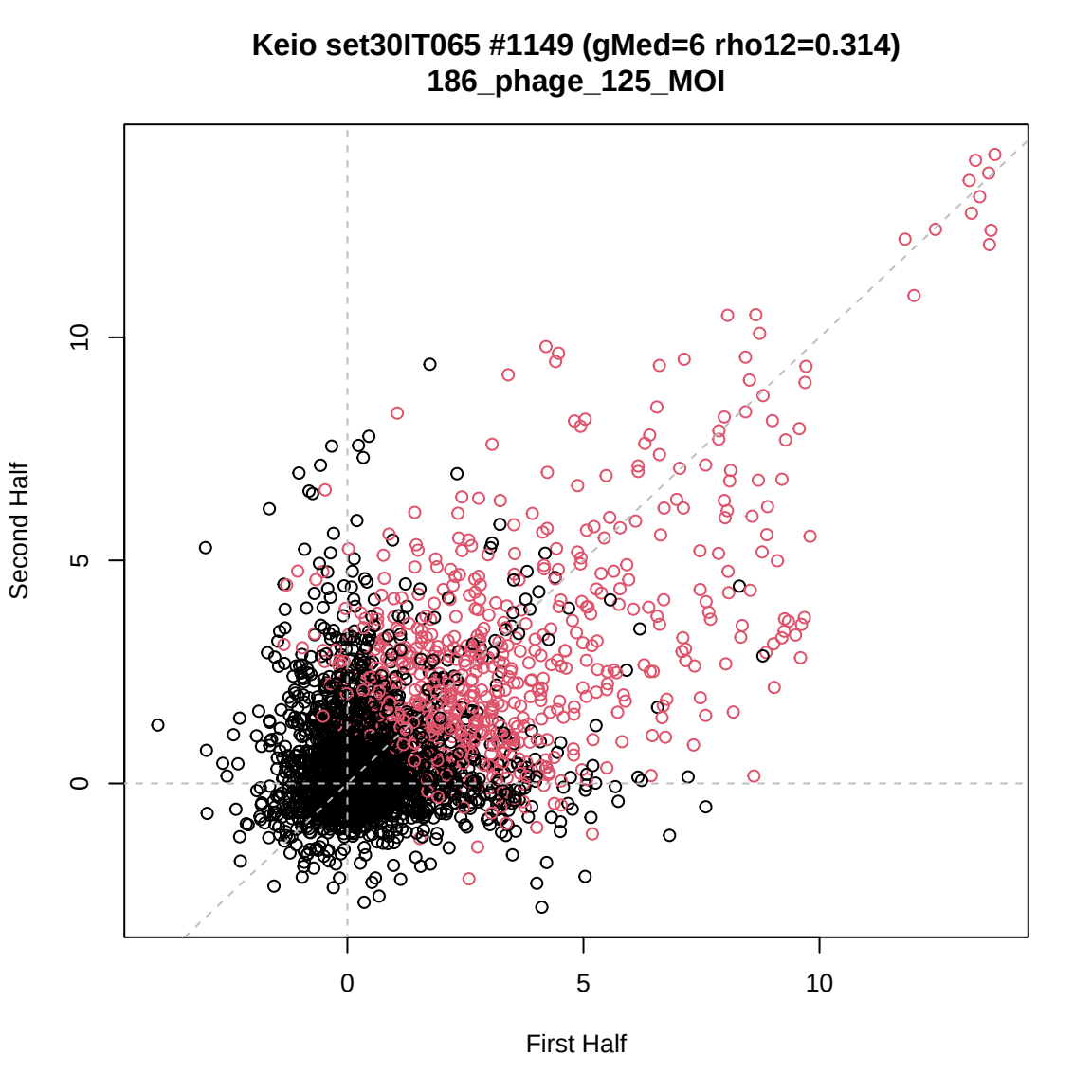

Keio set30IT060 #1144 (gMed=1 rho12=0.385)
lambda1857_phage_12.5_MOI
Second Half
First Half
0
5
10
15

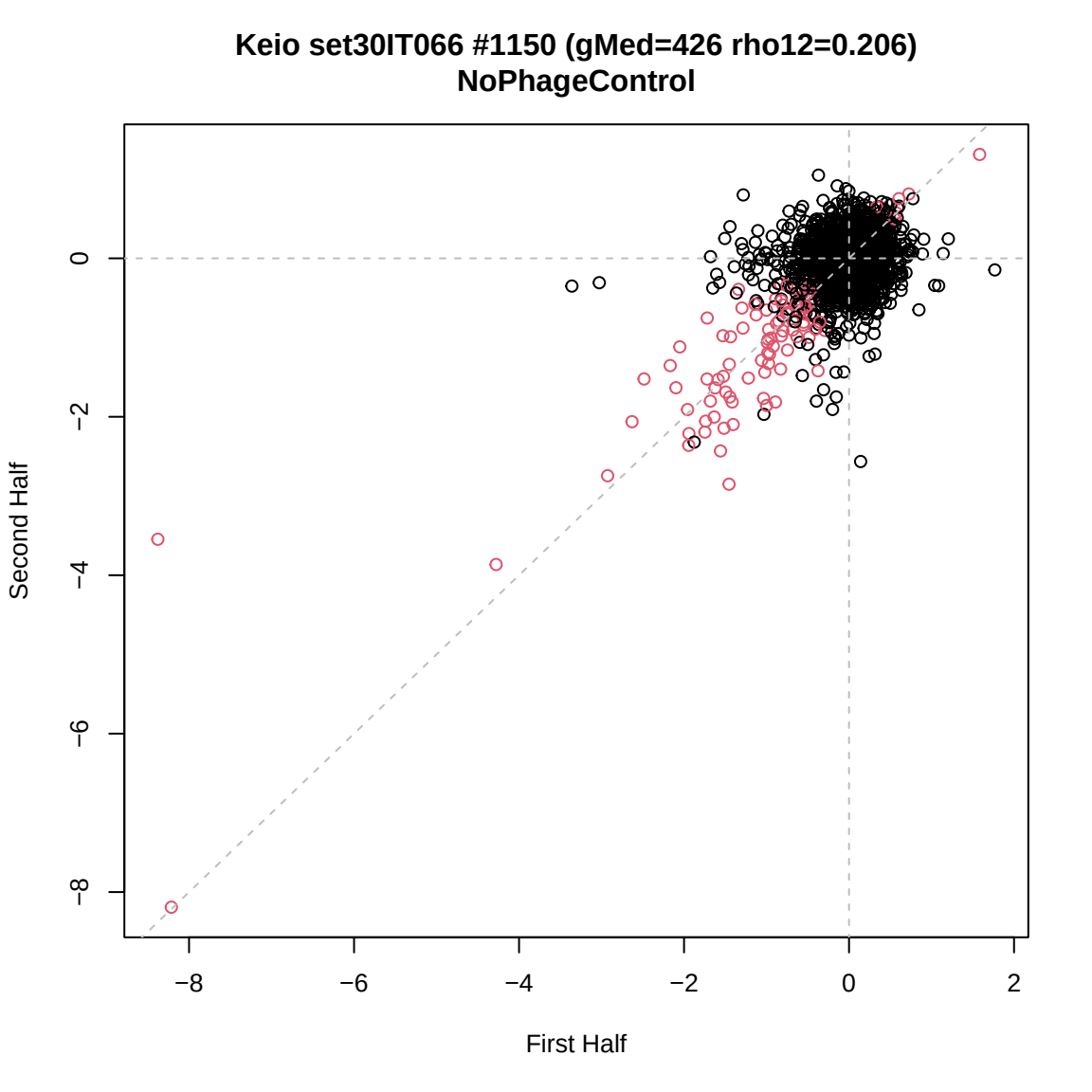

Keio set30IT061 #1145 (gMed=409 rho12=0.098)
CEV1_phage_0.3125_MOI
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

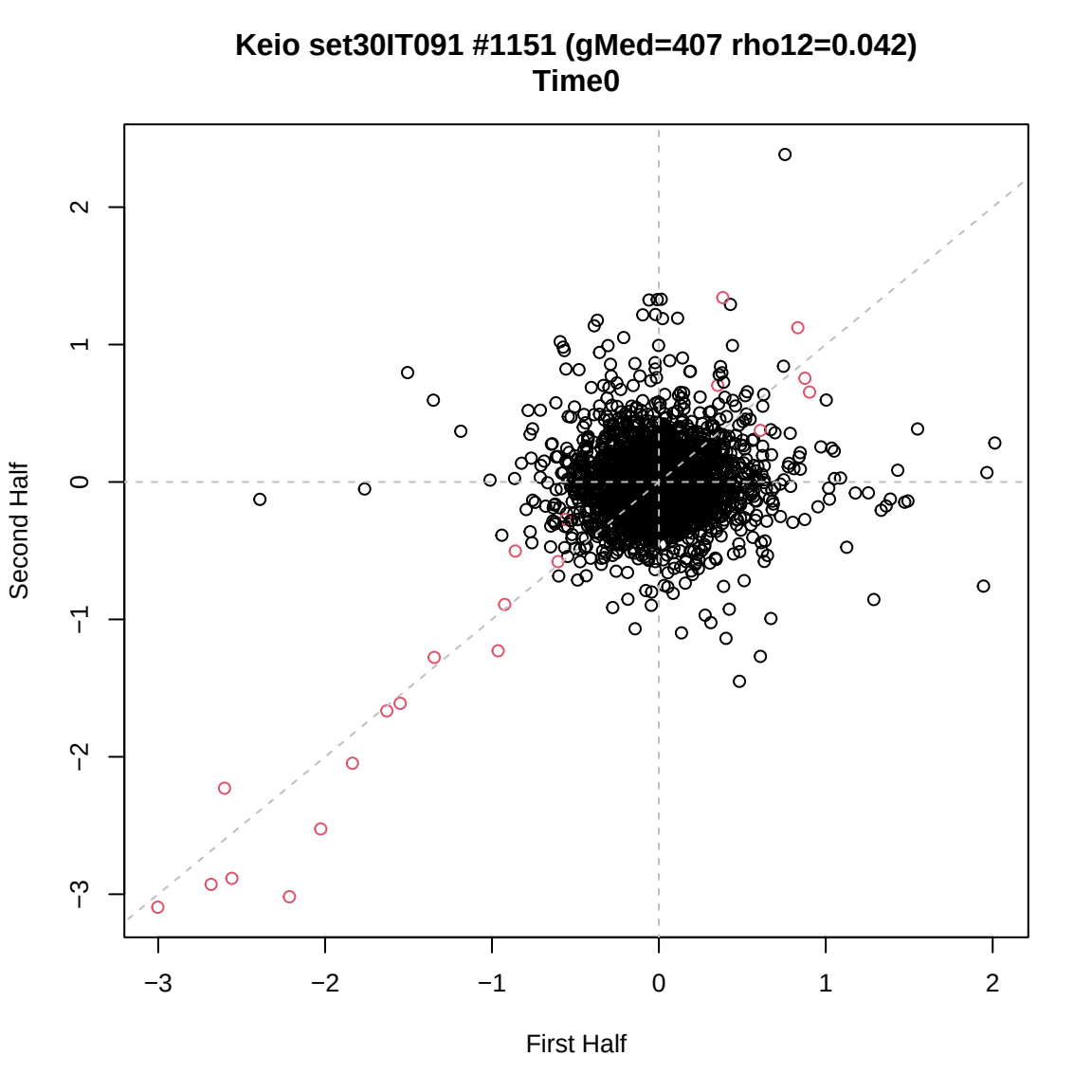

Keio set30IT062 #1146 (gMed=0 rho12=0.476)
CEV2_phage_84.375_MOI
Second Half
First Half
0
5
10
15

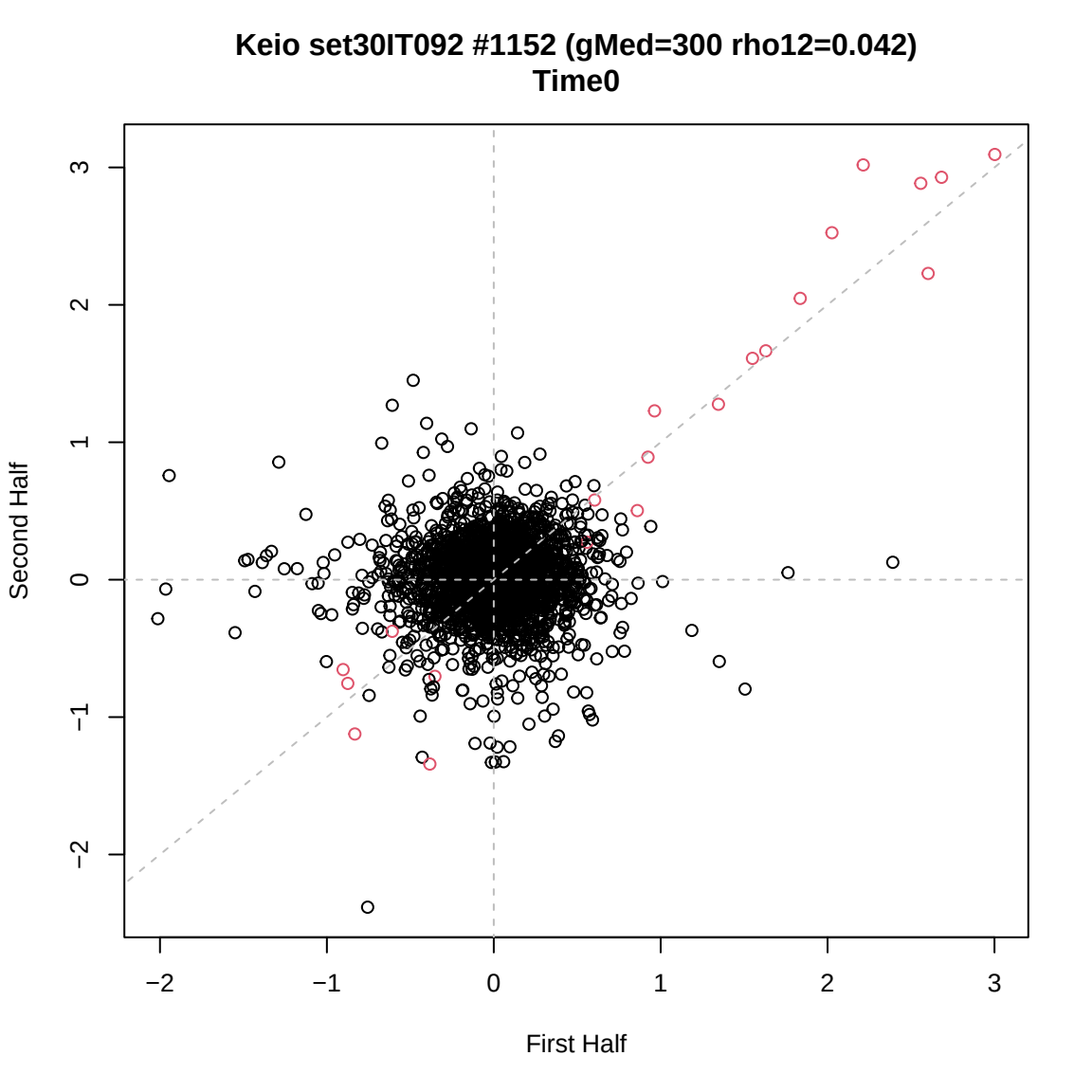

Keio set30IT063 #1147 (gMed=5 rho12=0.323)
LZ4_phage_4.6875_MOI
Second Half
First Half
15
10
5
0
−5
0
5
10
15

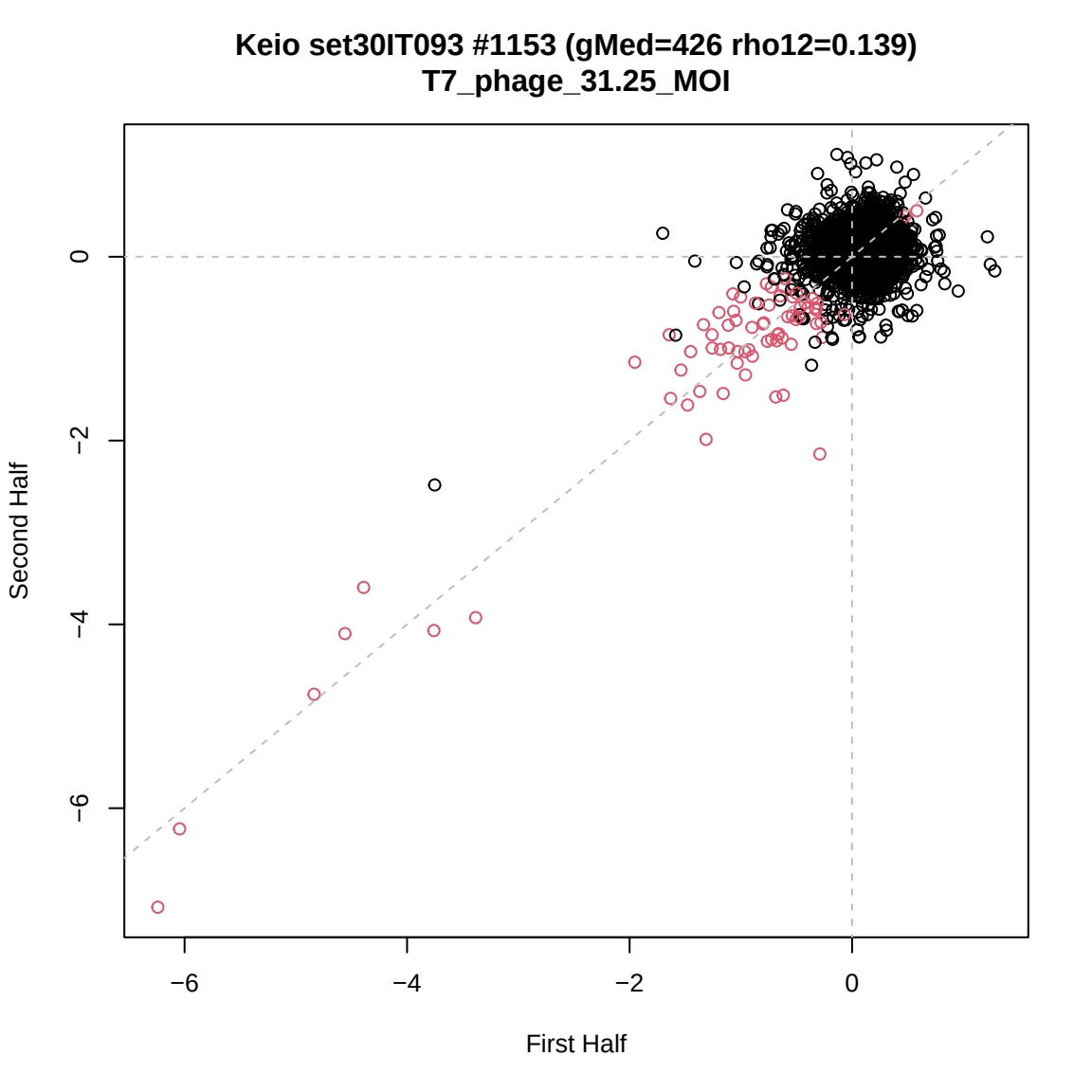

Keio set30IT064 #1148 (gMed=0 rho12=0.495)
N4_phage_1937.5_MOI
Second Half
First Half
0
5
10
15

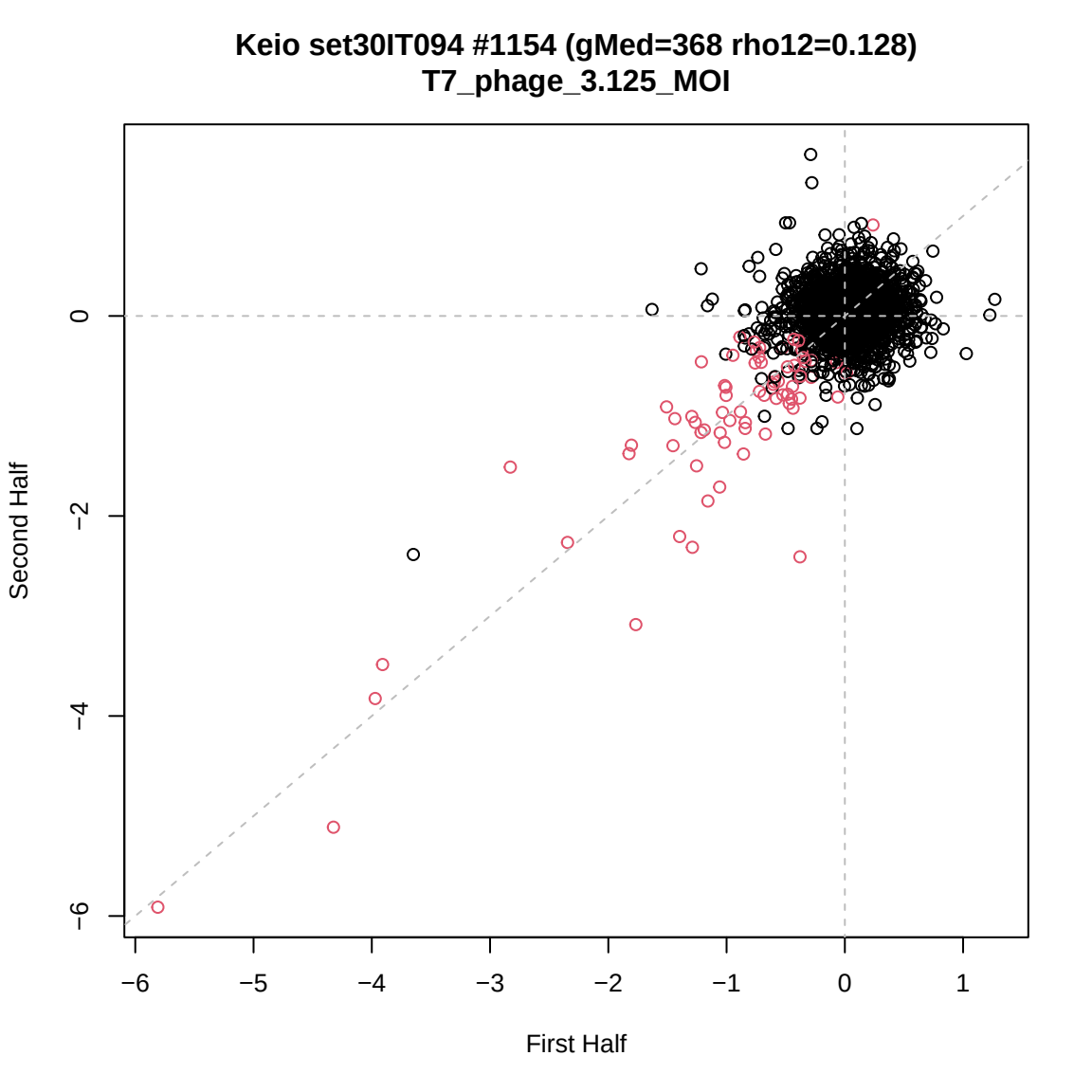

Keio set30IT065 #1149 (gMed=6 rho12=0.314)
186_phage_125_MOI
Second Half
First Half
0
5
10
0
5
10

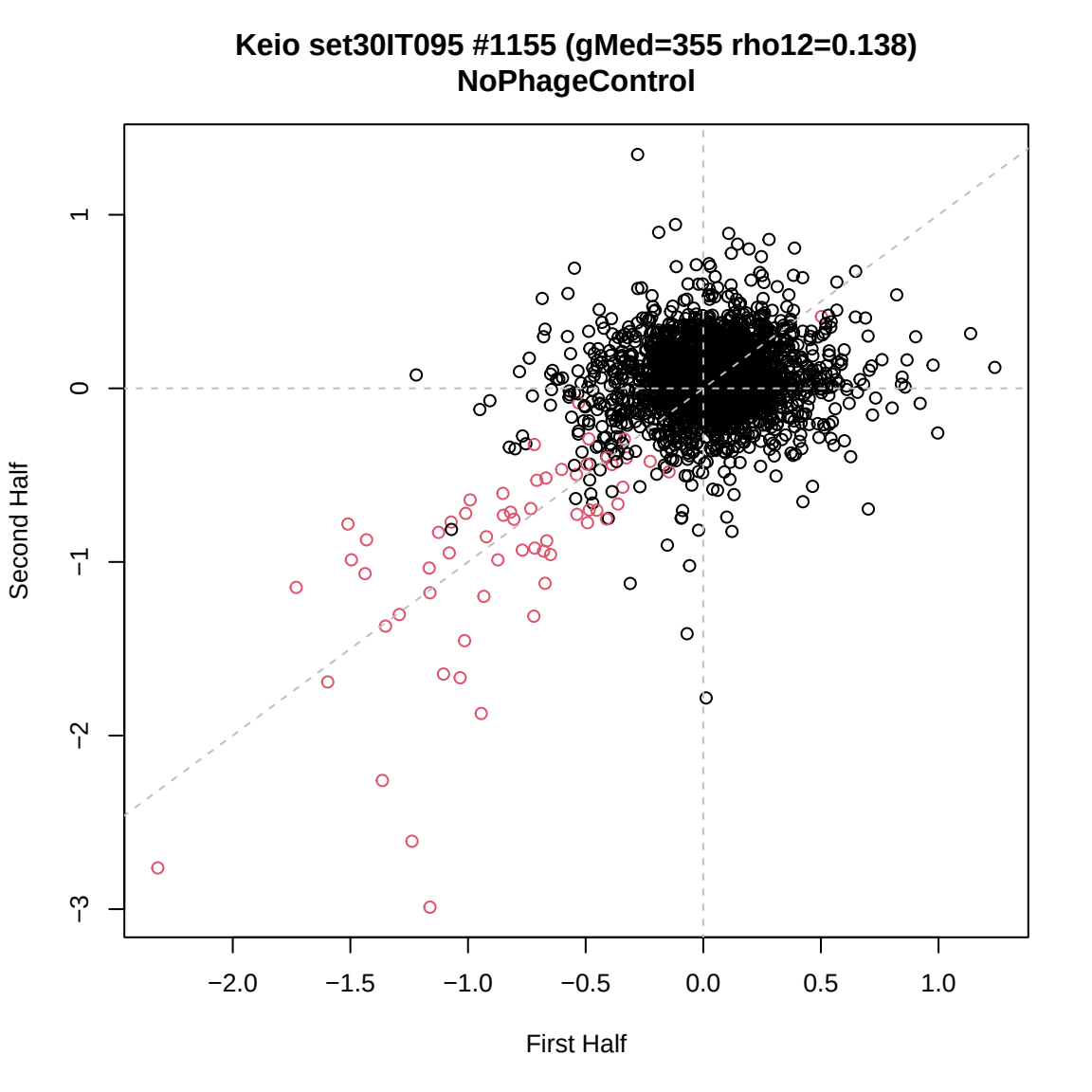

Keio set30IT066 #1150 (gMed=426 rho12=0.206)
NoPhageControl
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

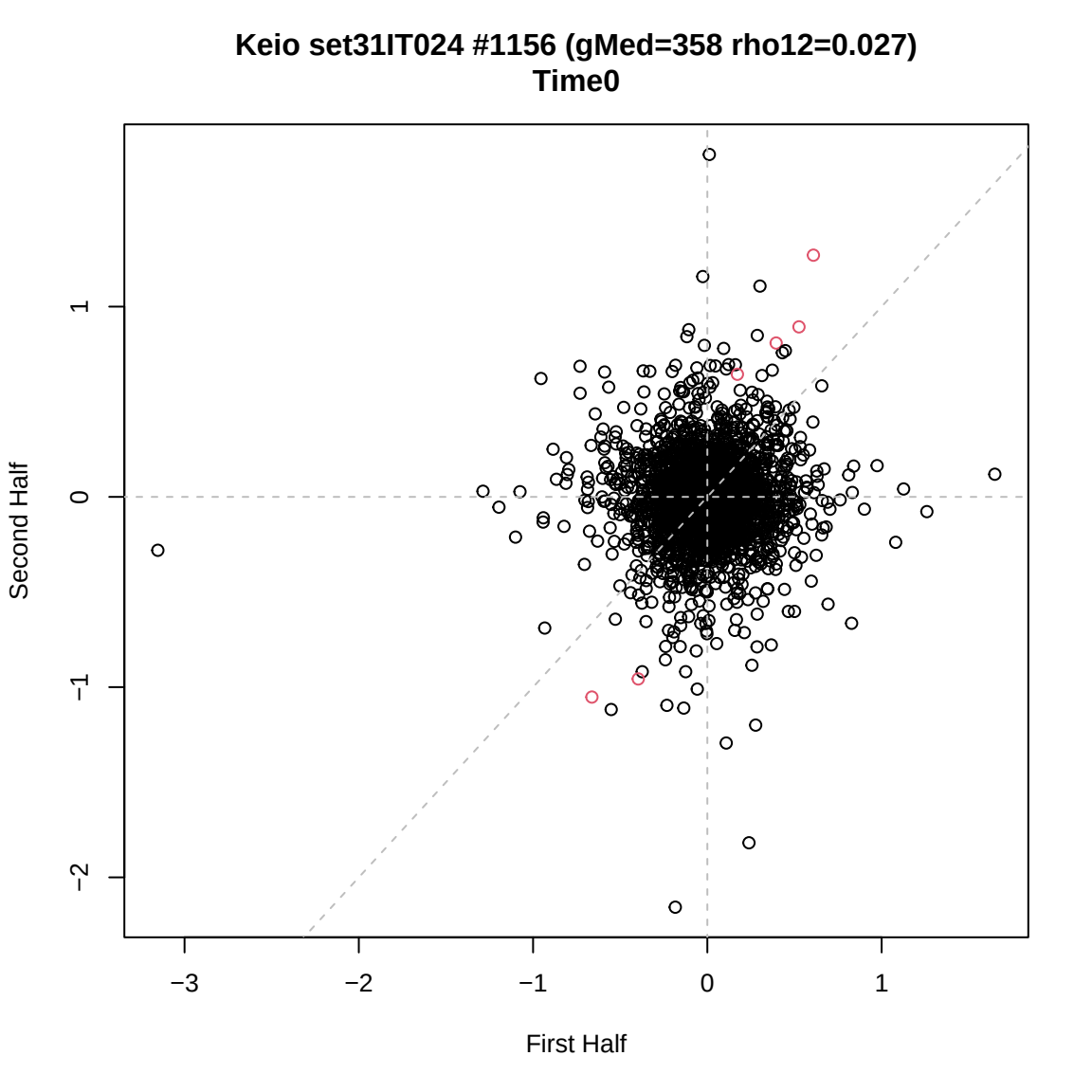

Keio set30IT091 #1151 (gMed=407 rho12=0.042)
Time0
Second Half
First Half
−3
−2
−1
0
1
2

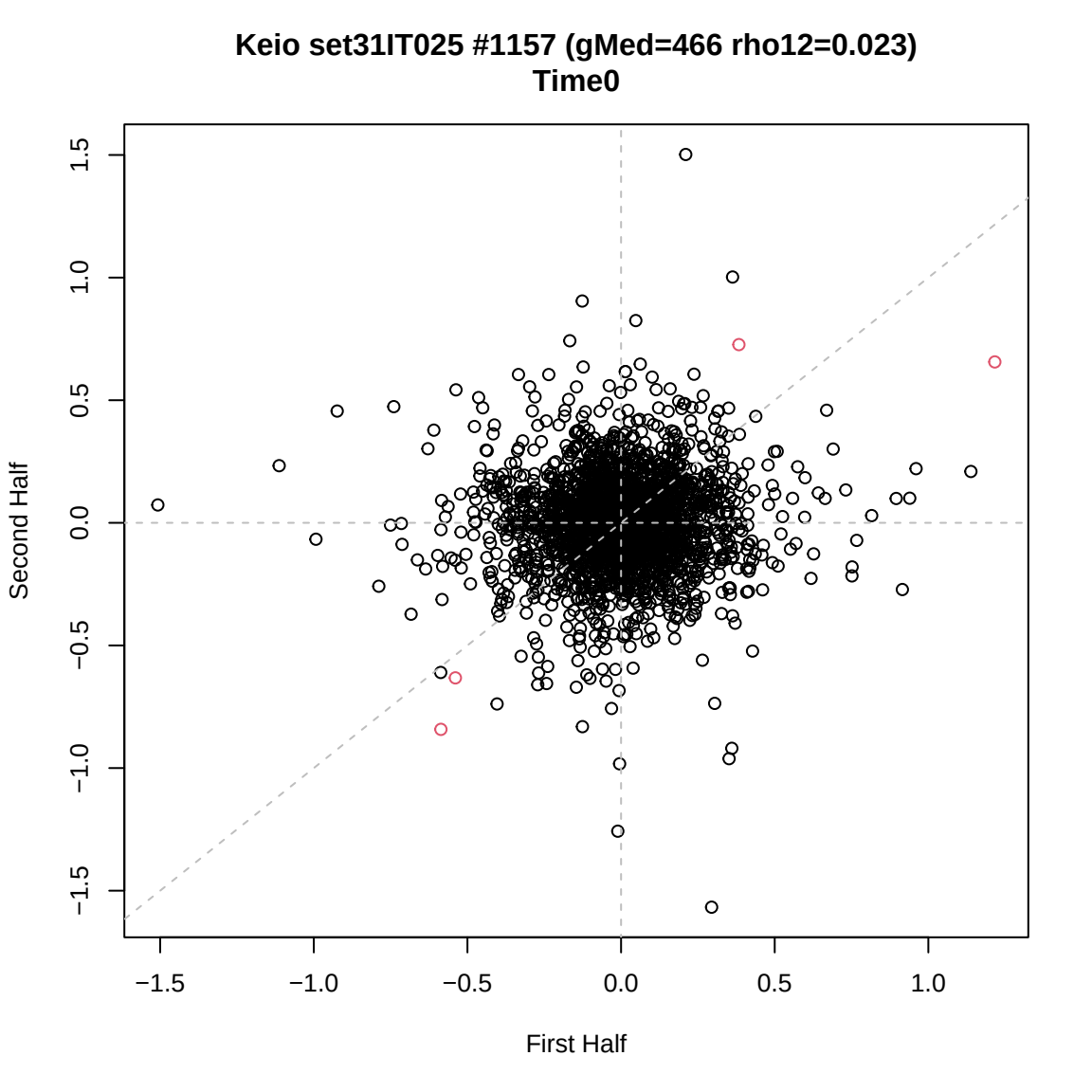

Keio set30IT092 #1152 (gMed=300 rho12=0.042)
Time0
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

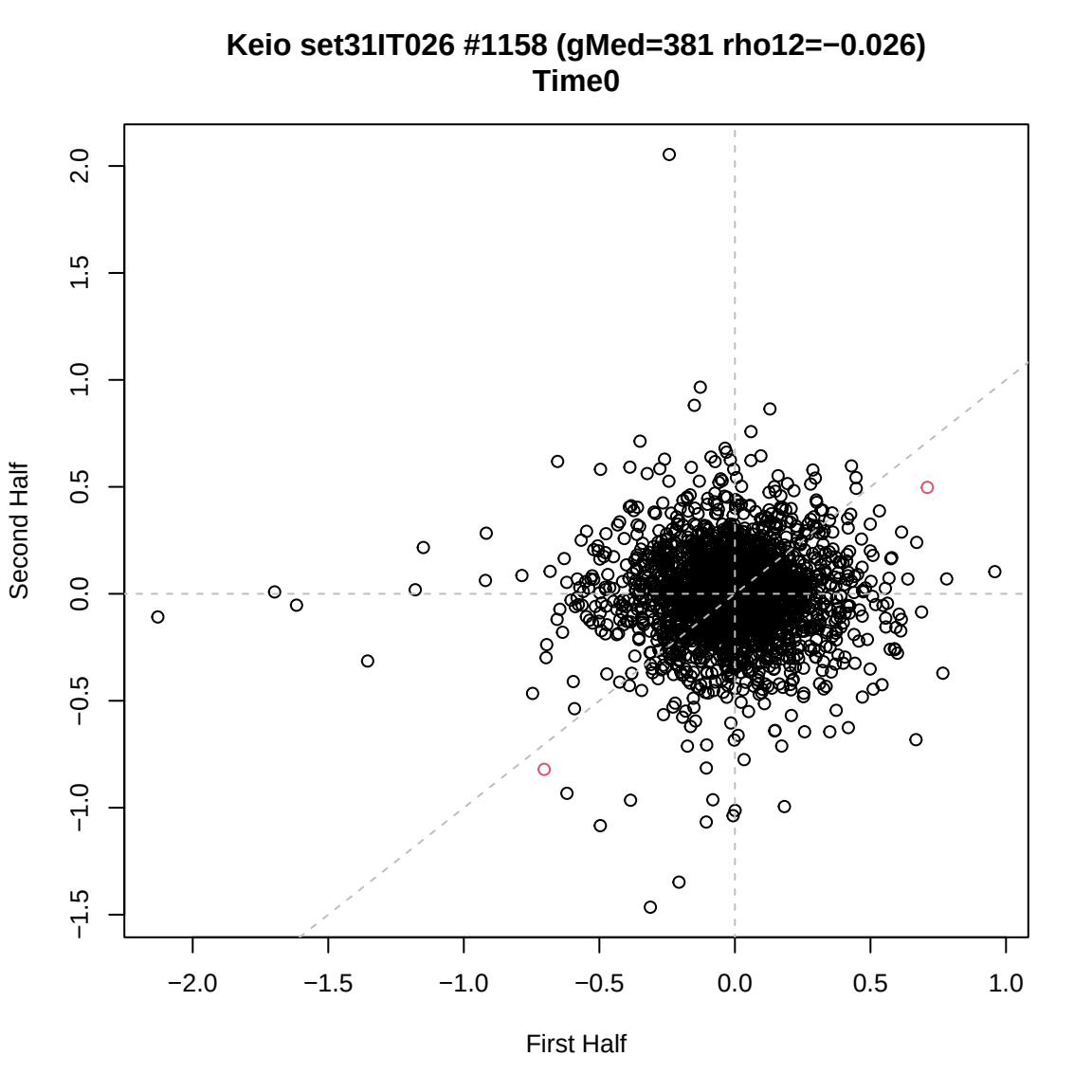

Keio set30IT093 #1153 (gMed=426 rho12=0.139)
T7_phage_31.25_MOI
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

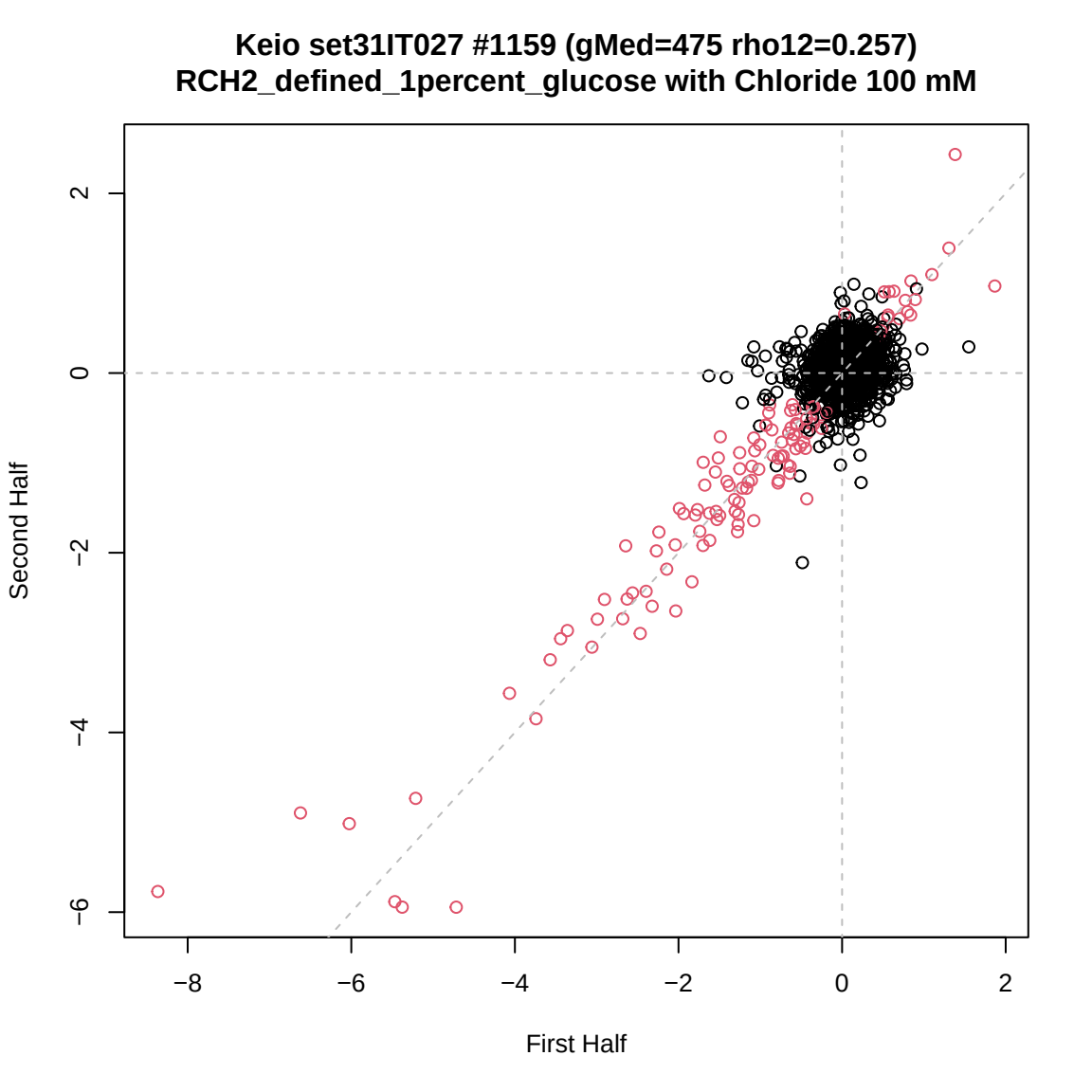

Keio set30IT094 #1154 (gMed=368 rho12=0.128)
T7_phage_3.125_MOI
Second Half
First Half
0
−2
−4
−6
−6
−5
−4
−3
−2
−1
0
1

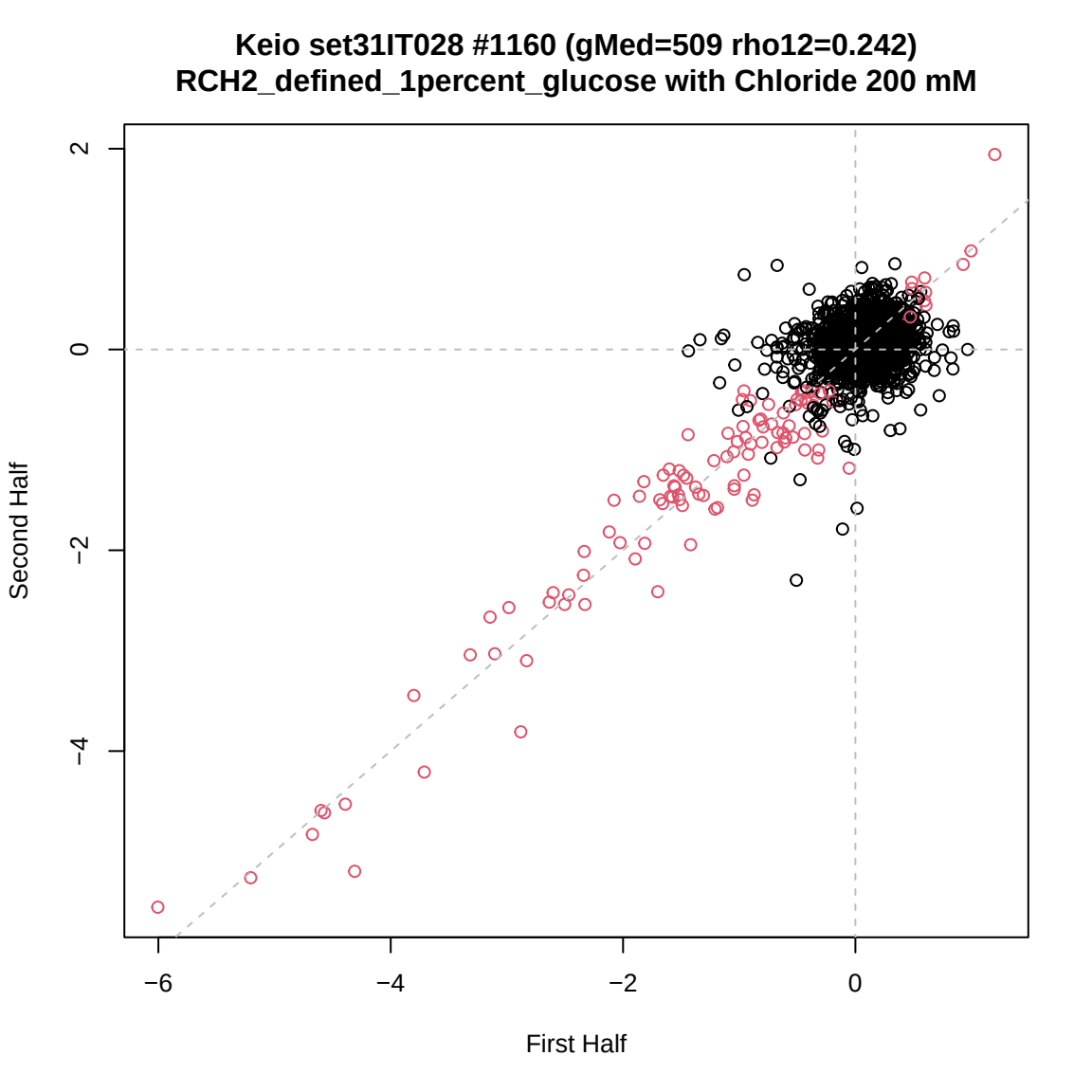

Keio set30IT095 #1155 (gMed=355 rho12=0.138)
NoPhageControl
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

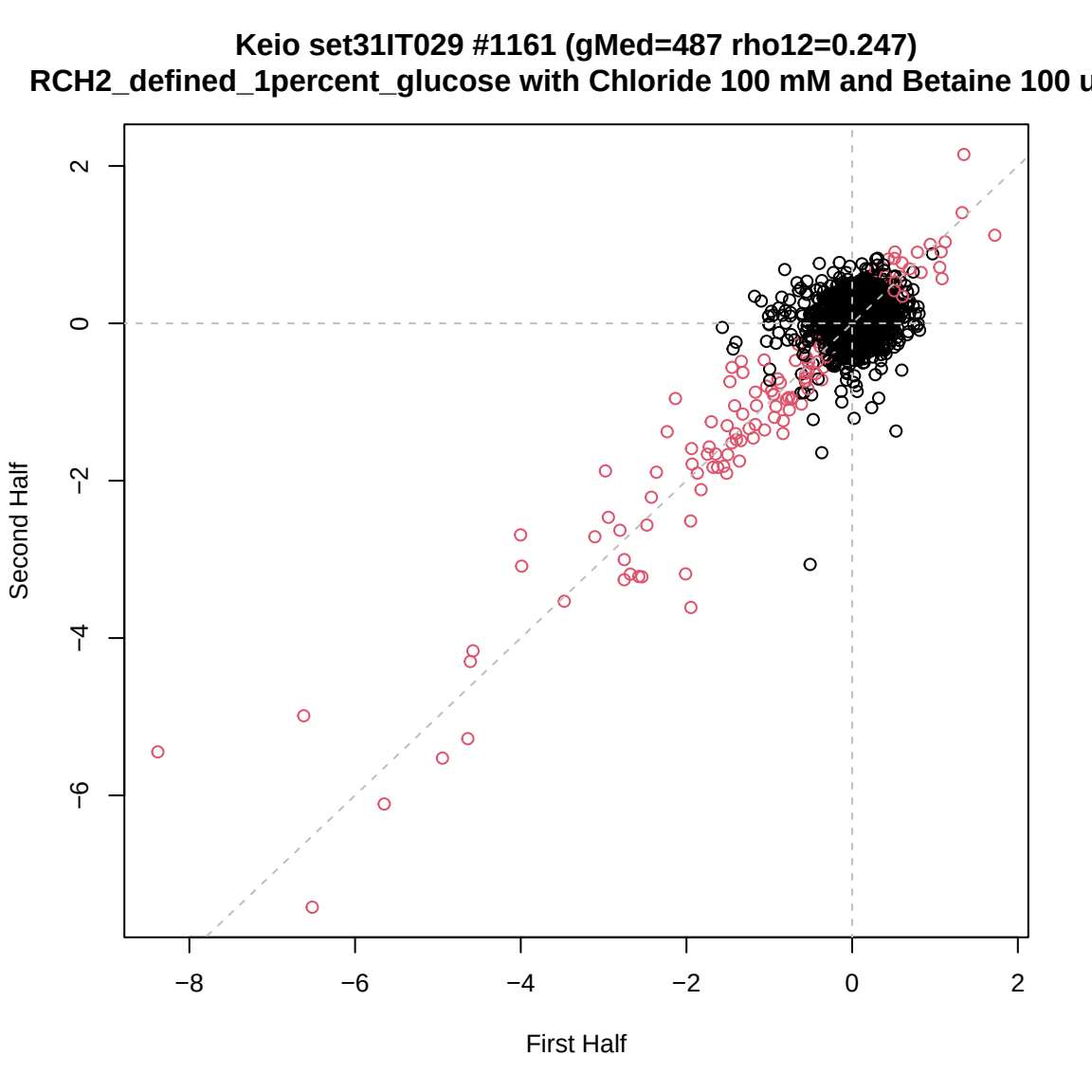

Keio set31IT024 #1156 (gMed=358 rho12=0.027)
Time0
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

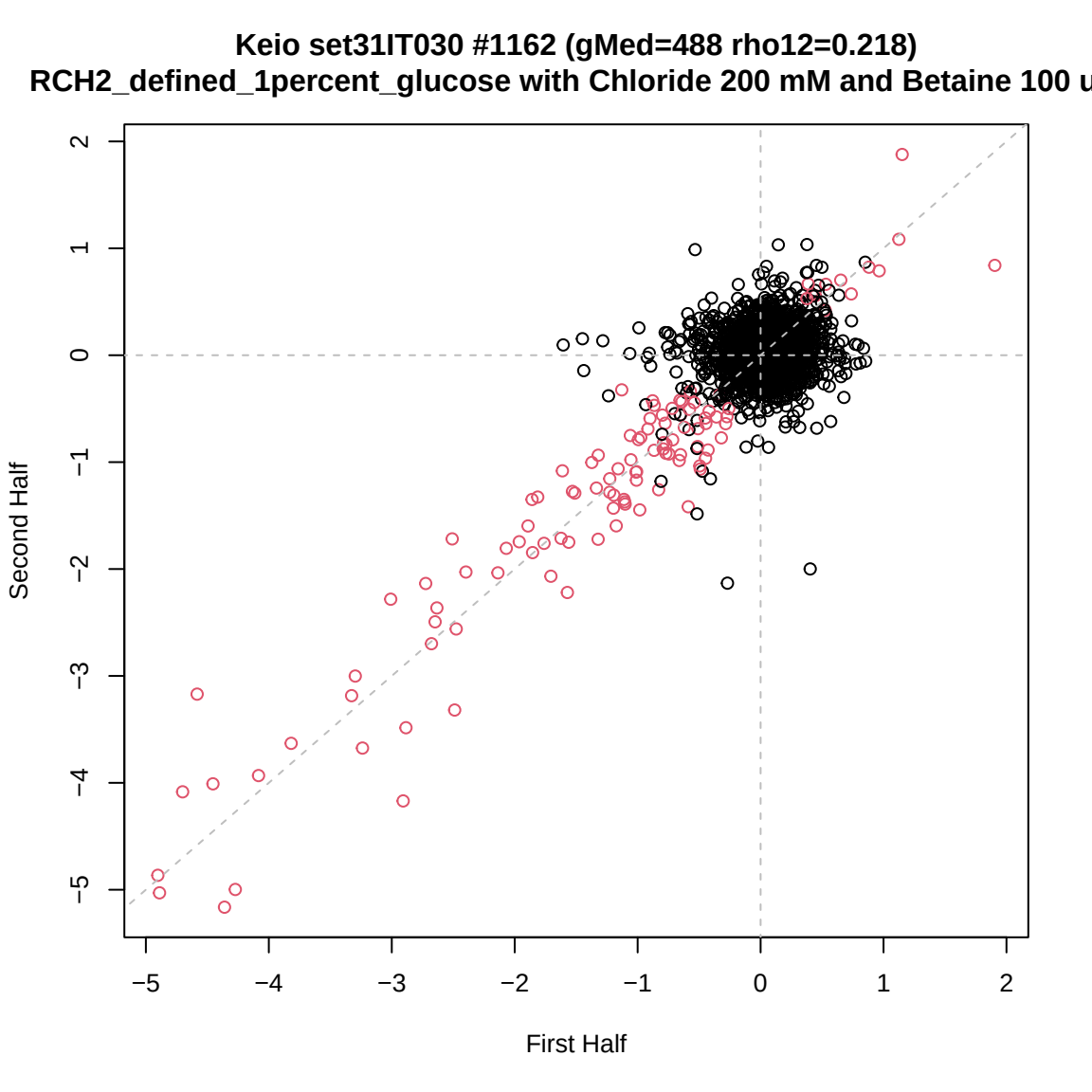

Keio set31IT025 #1157 (gMed=466 rho12=0.023)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

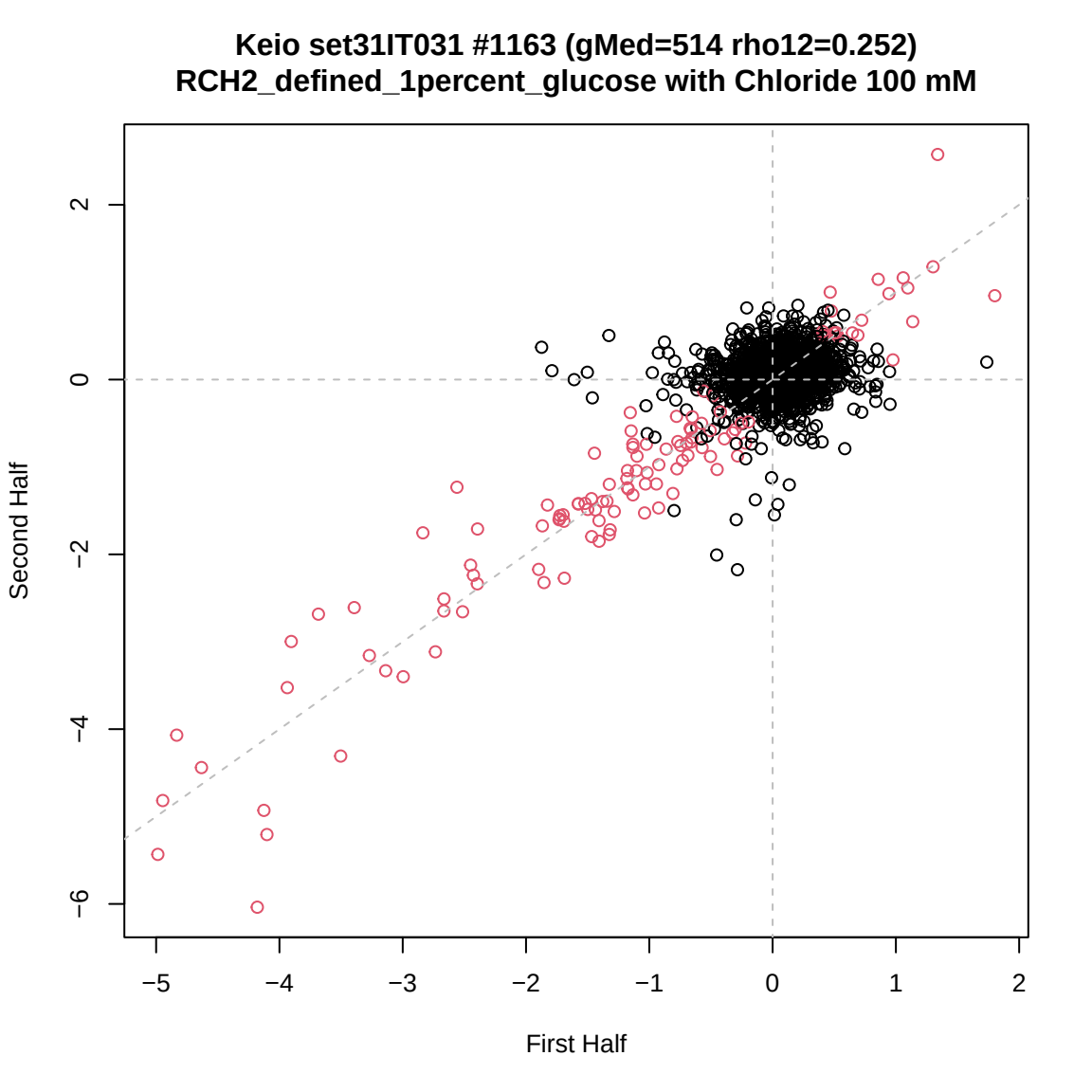

Keio set31IT026 #1158 (gMed=381 rho12=−0.026)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

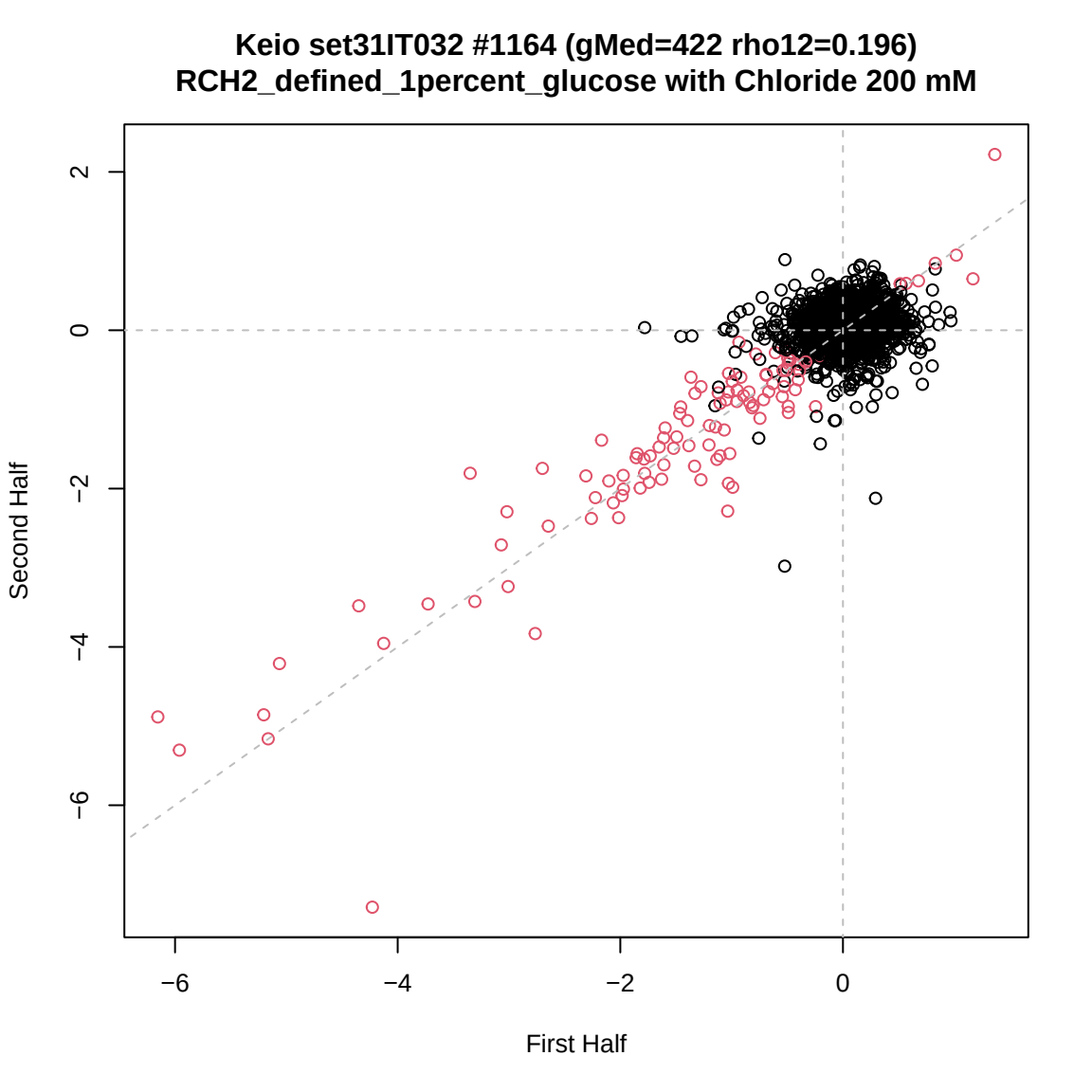

Keio set31IT027 #1159 (gMed=475 rho12=0.257)
RCH2_defined_1percent_glucose with Chloride 100 mM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

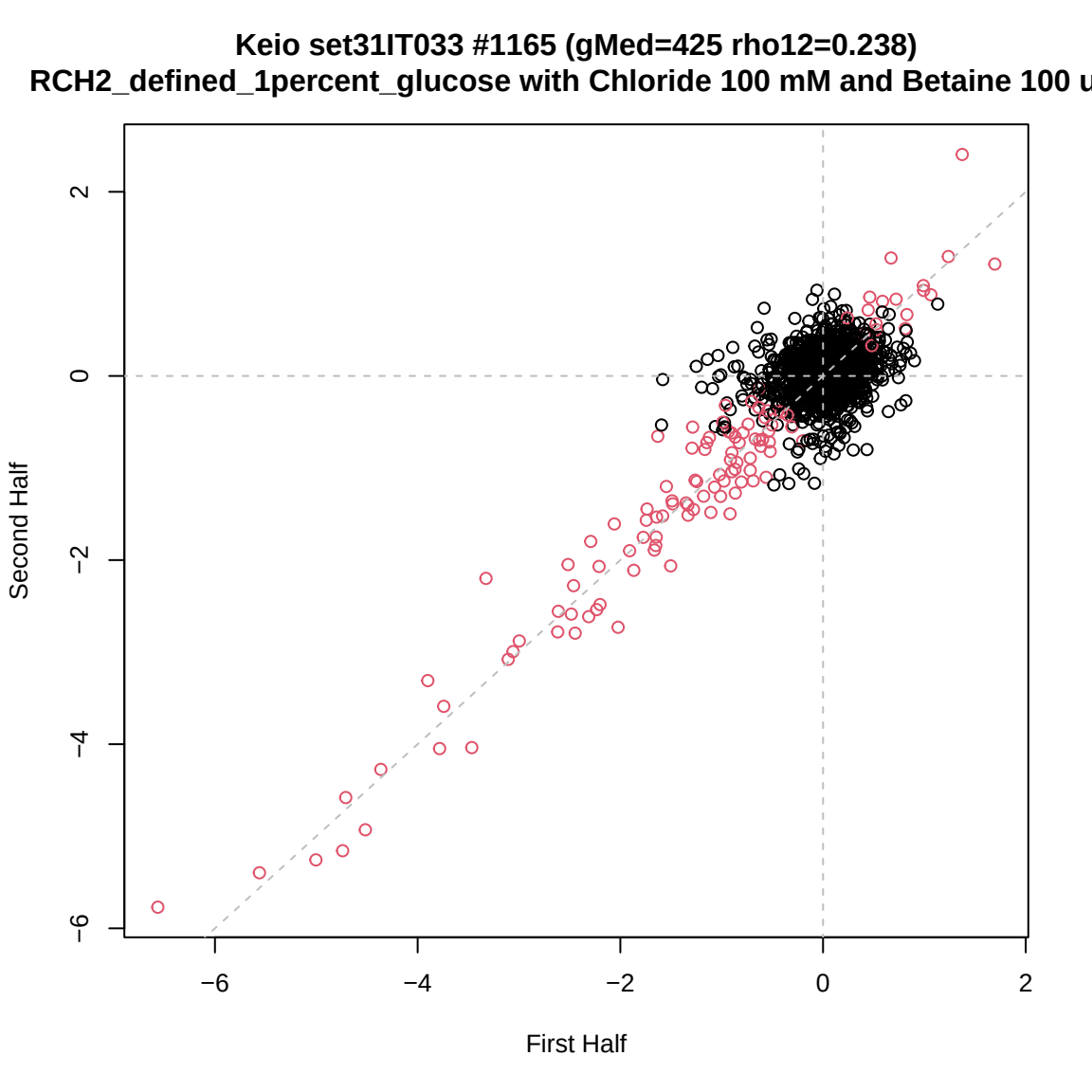

Keio set31IT028 #1160 (gMed=509 rho12=0.242)
RCH2_defined_1percent_glucose with Chloride 200 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0

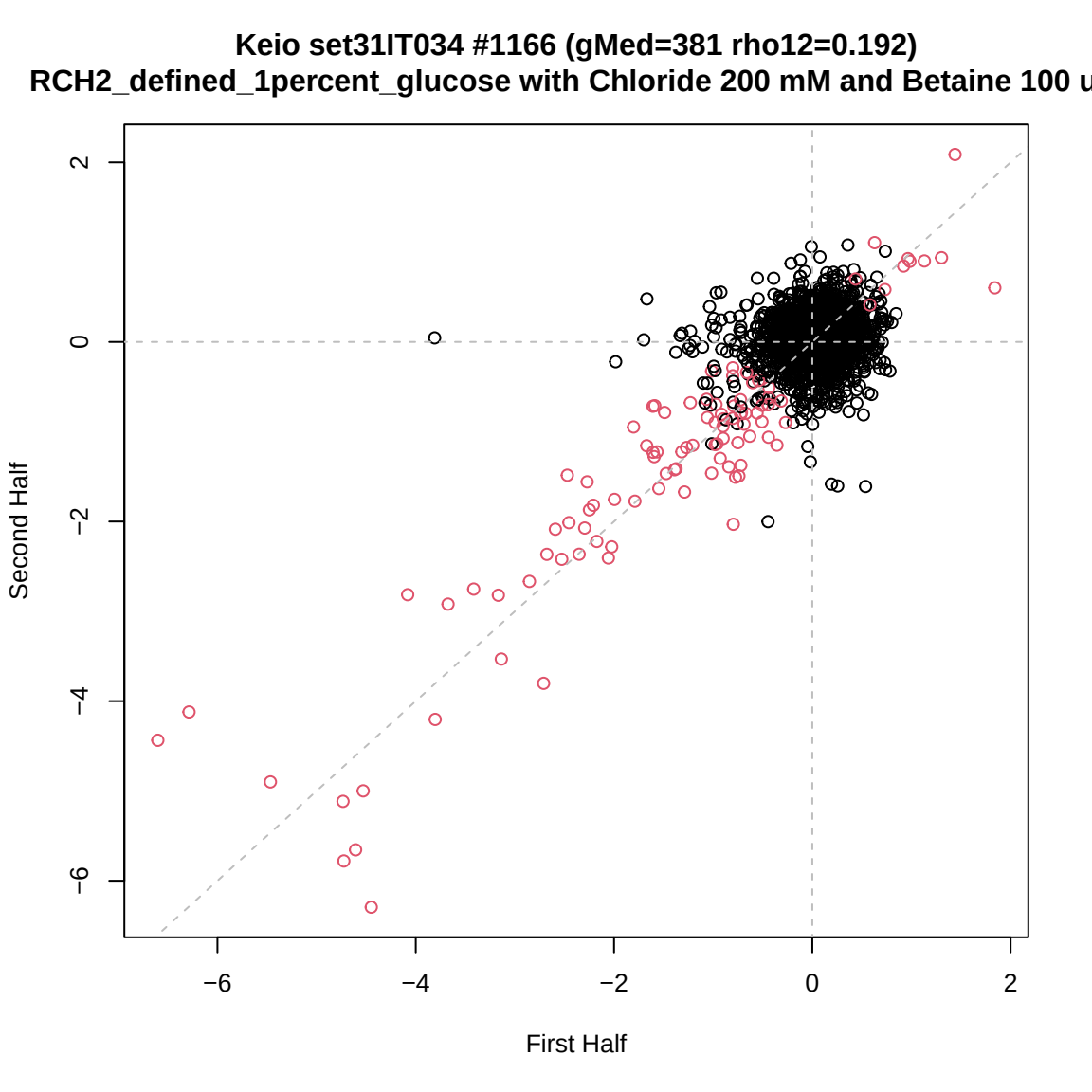

Keio set31IT029 #1161 (gMed=487 rho12=0.247)
RCH2_defined_1percent_glucose with Chloride 100 mM and Betaine 100 u
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

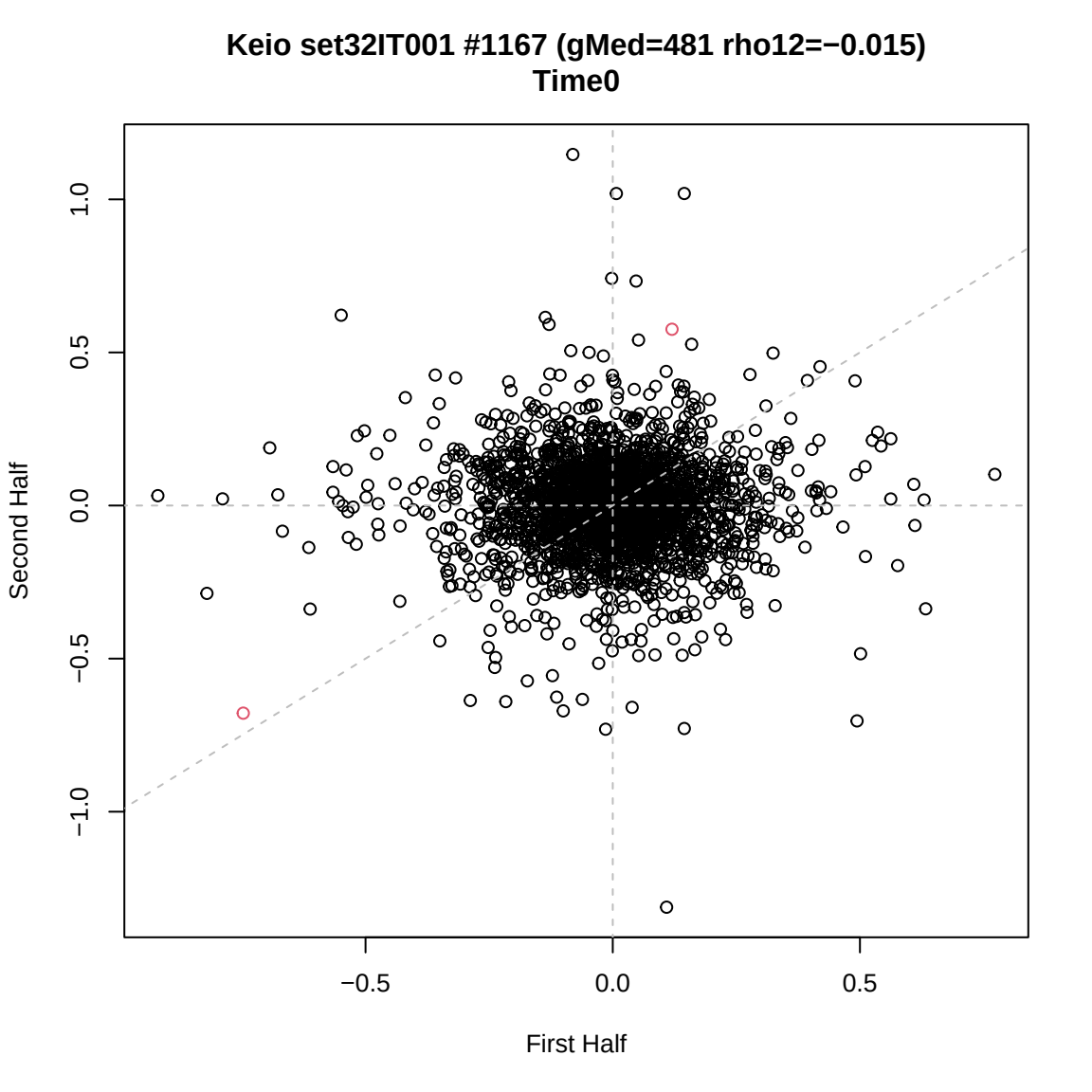

Keio set31IT030 #1162 (gMed=488 rho12=0.218)
RCH2_defined_1percent_glucose with Chloride 200 mM and Betaine 100 u
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
2

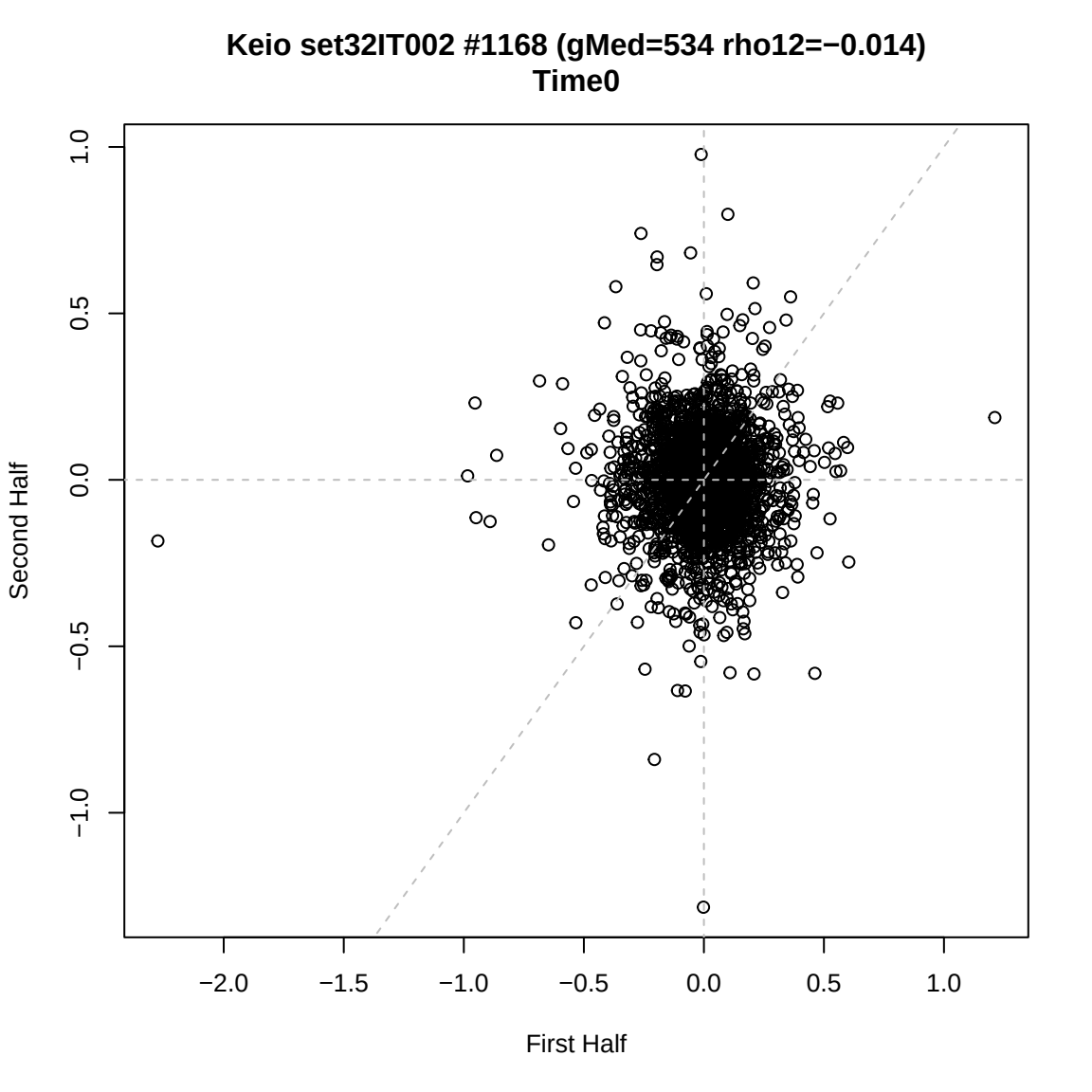

Keio set31IT031 #1163 (gMed=514 rho12=0.252)
RCH2_defined_1percent_glucose with Chloride 100 mM
Second Half
First Half
2
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1
2

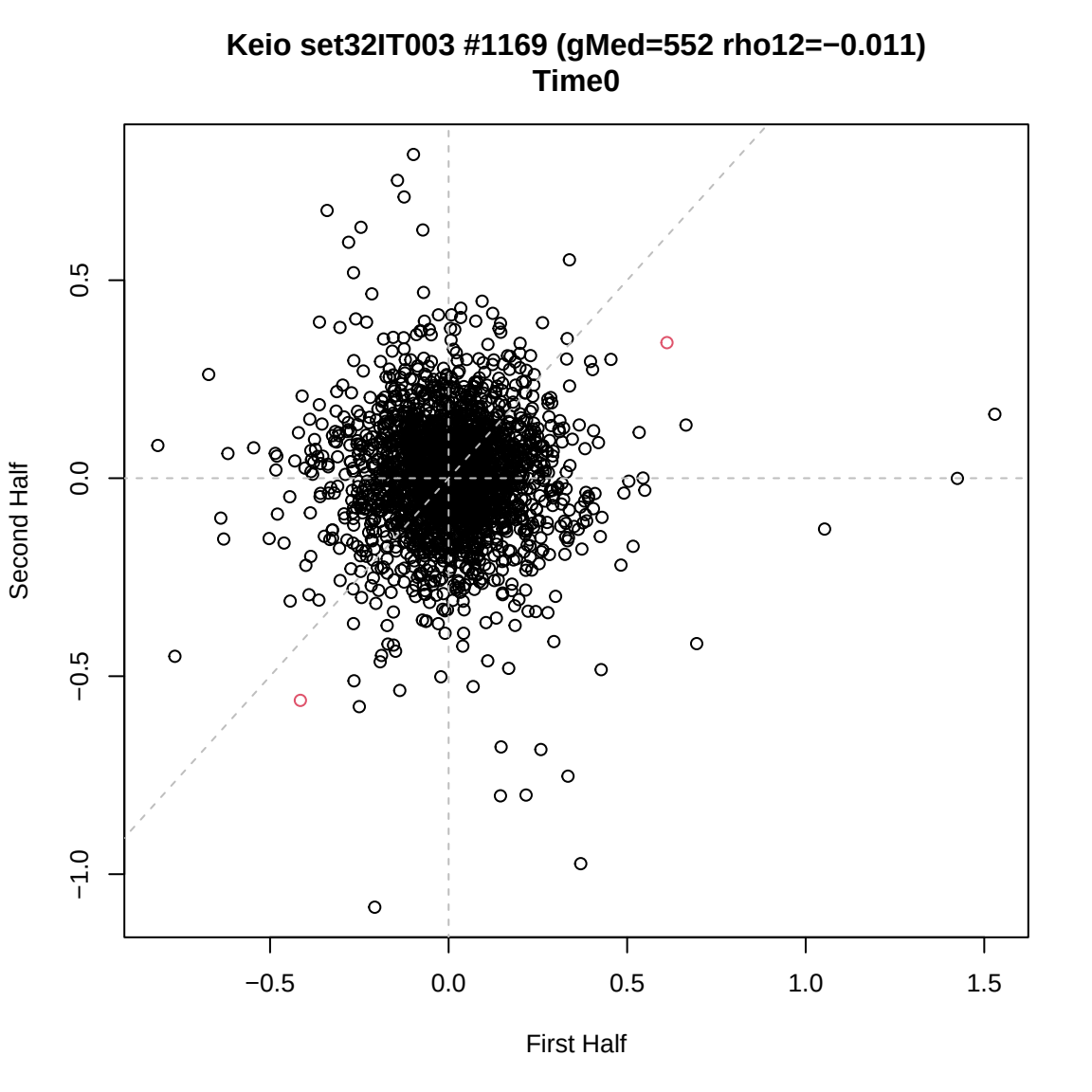

Keio set31IT032 #1164 (gMed=422 rho12=0.196)
RCH2_defined_1percent_glucose with Chloride 200 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0

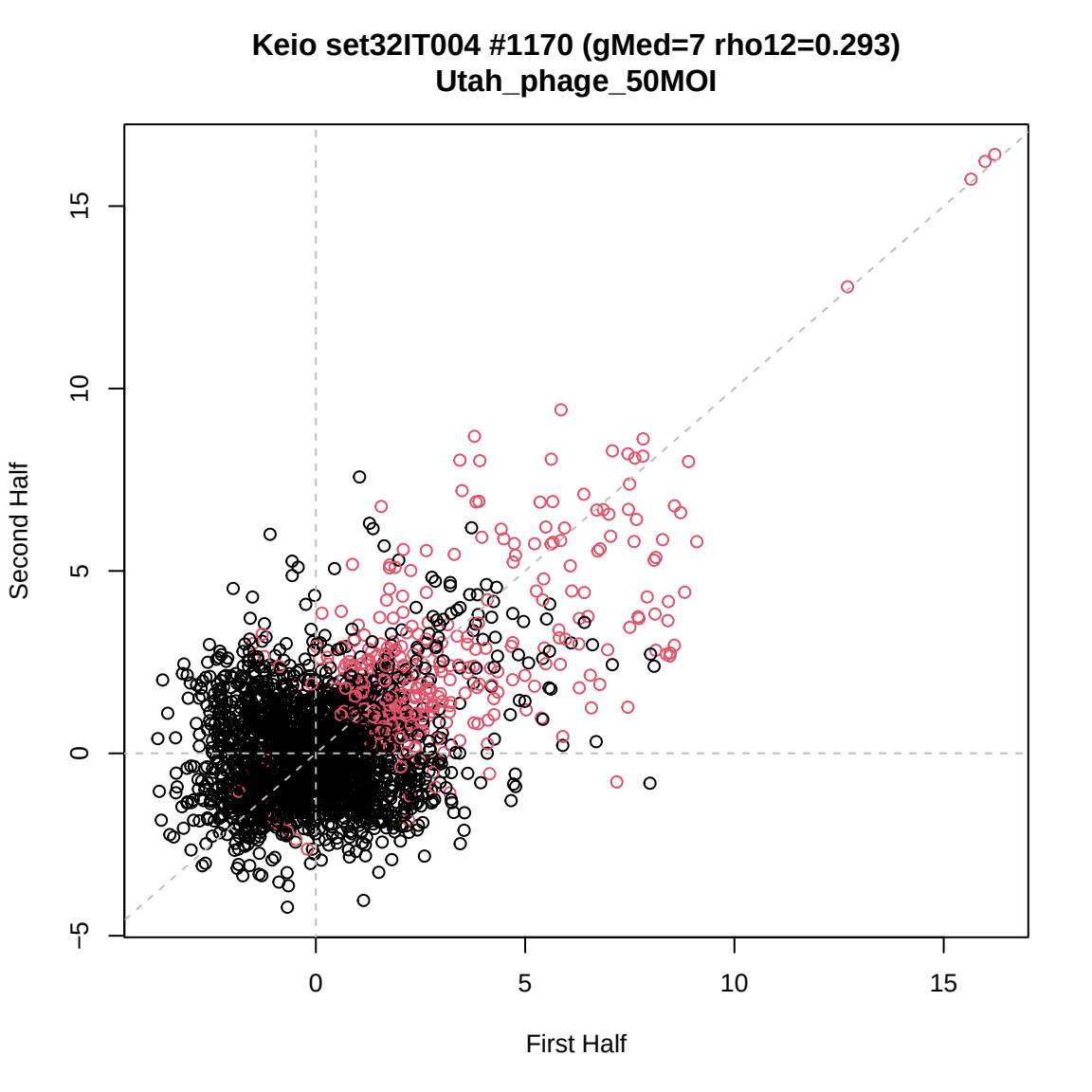

Keio set31IT033 #1165 (gMed=425 rho12=0.238)
RCH2_defined_1percent_glucose with Chloride 100 mM and Betaine 100 u
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

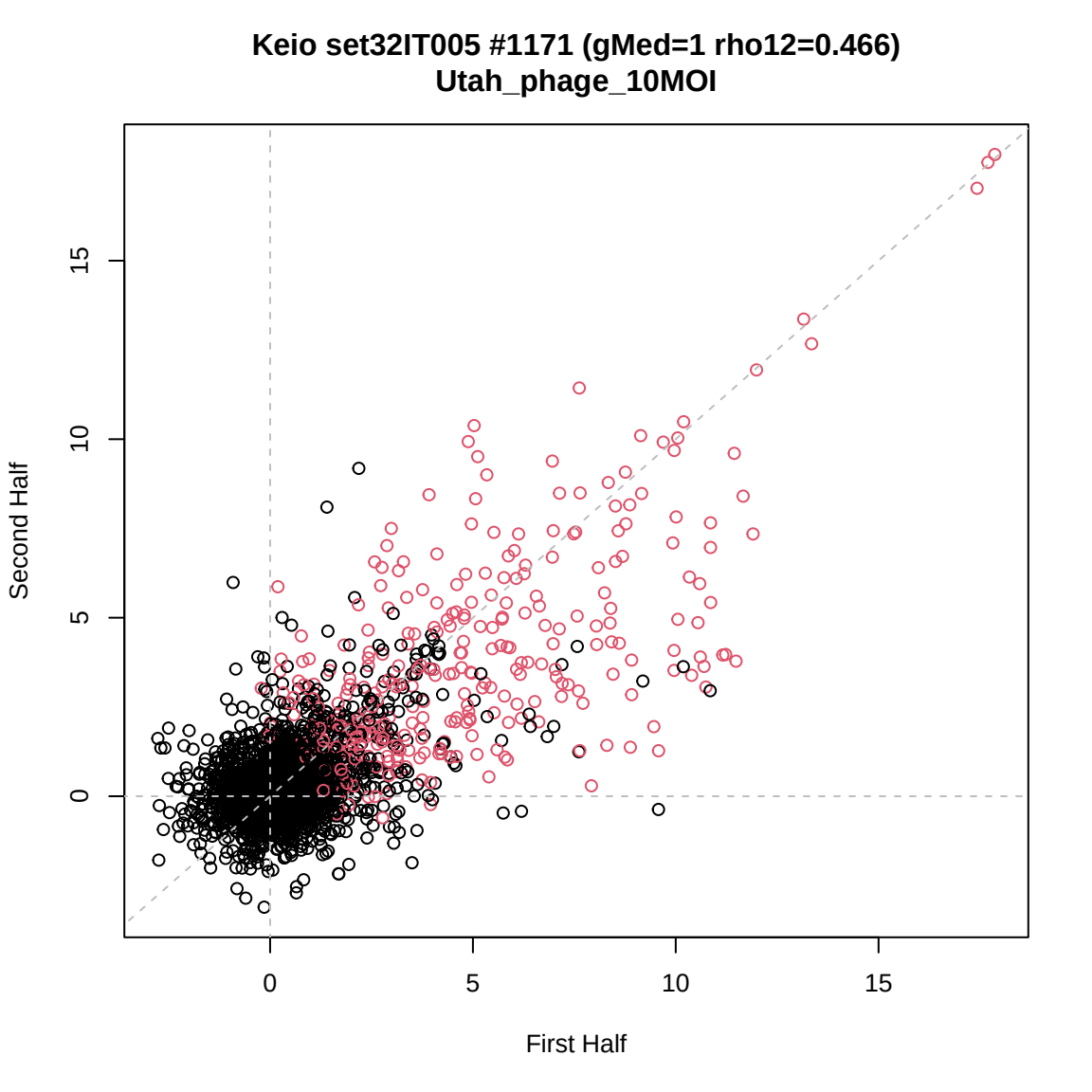

Keio set31IT034 #1166 (gMed=381 rho12=0.192)
RCH2_defined_1percent_glucose with Chloride 200 mM and Betaine 100 u
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

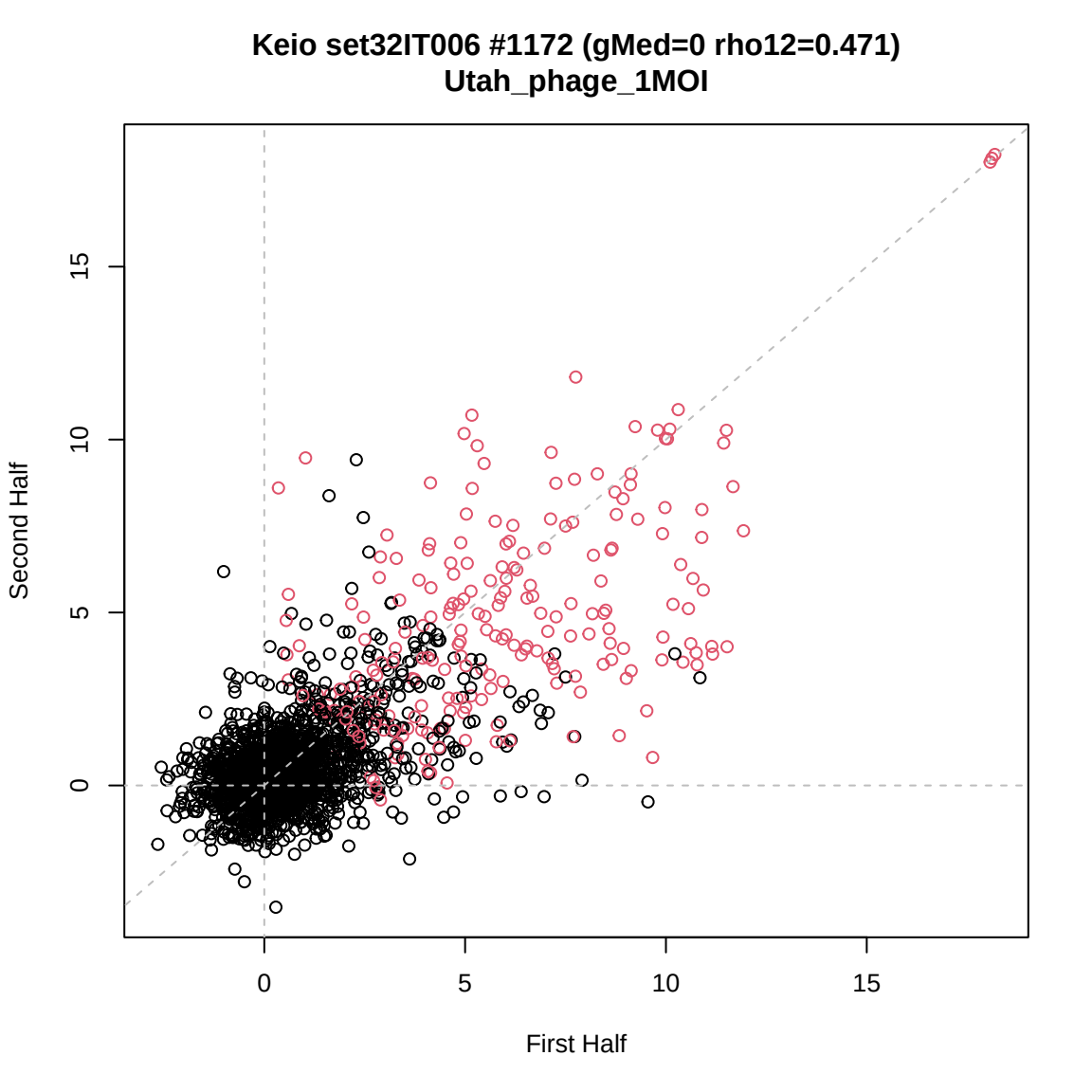

Keio set32IT001 #1167 (gMed=481 rho12=−0.015)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

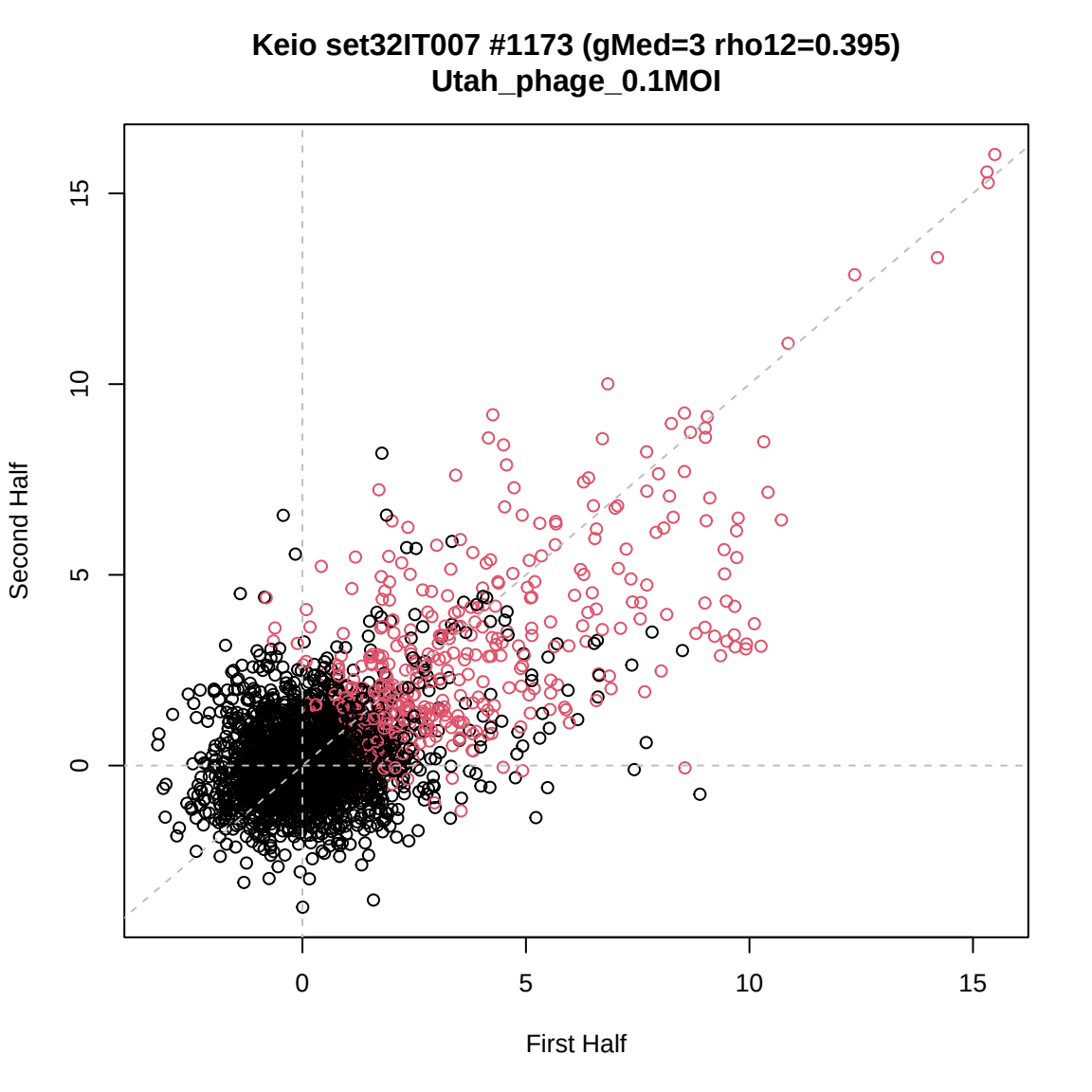

Keio set32IT002 #1168 (gMed=534 rho12=−0.014)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

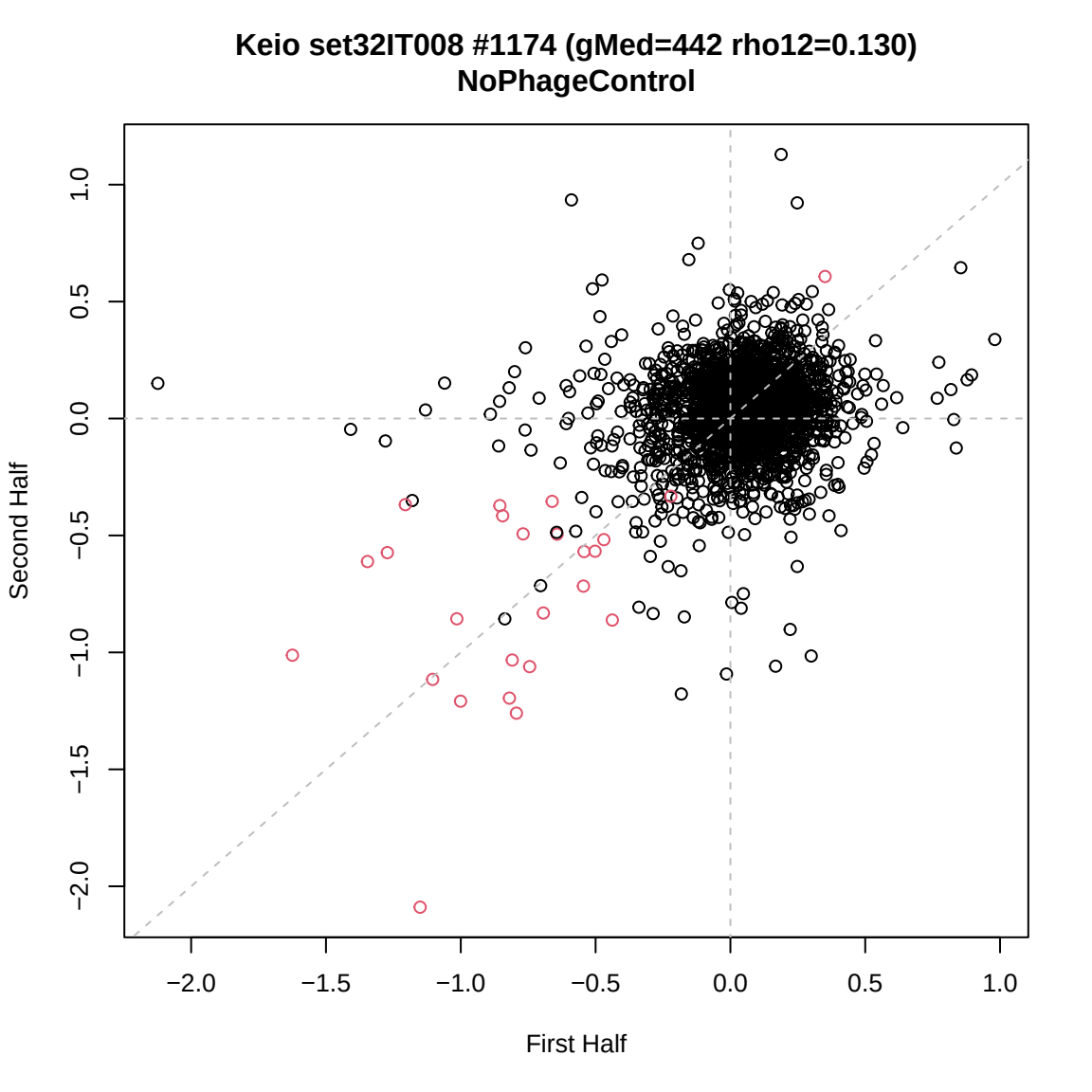

Keio set32IT003 #1169 (gMed=552 rho12=−0.011)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0
1.5

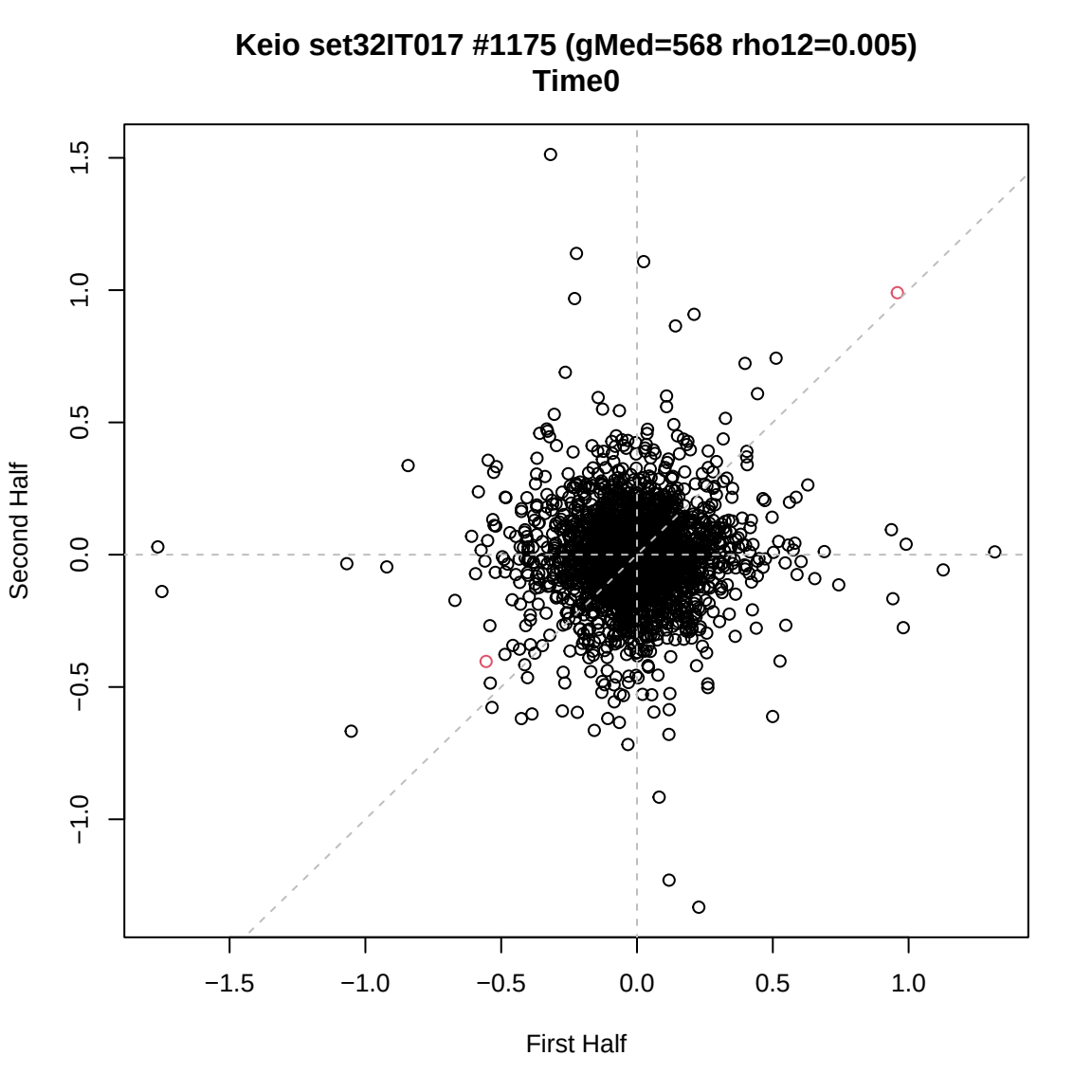

Keio set32IT004 #1170 (gMed=7 rho12=0.293)
Utah_phage_50MOI
Second Half
First Half
15
10
5
0
−5
0
5
10
15

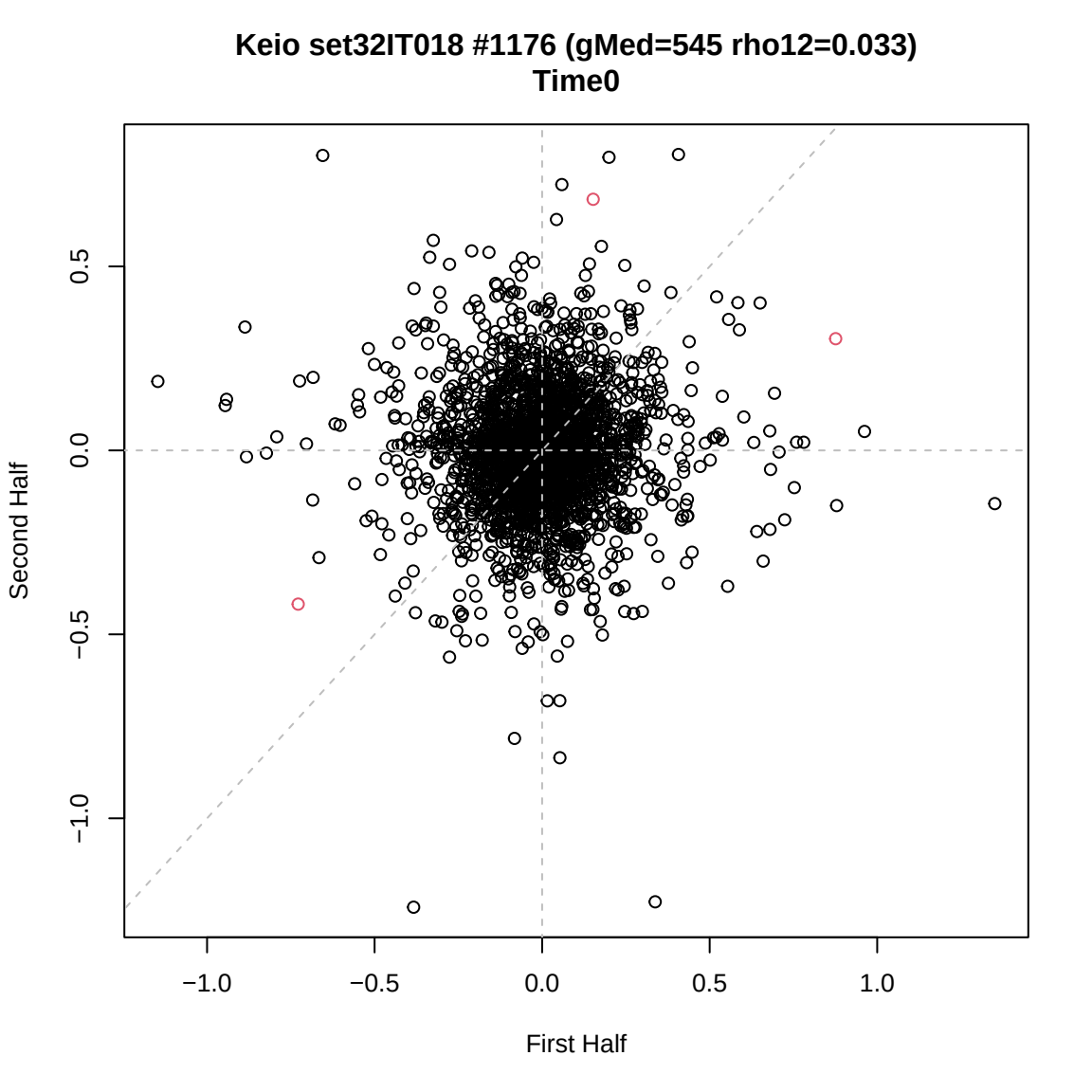

Keio set32IT005 #1171 (gMed=1 rho12=0.466)
Utah_phage_10MOI
Second Half
First Half
0
5
10
15

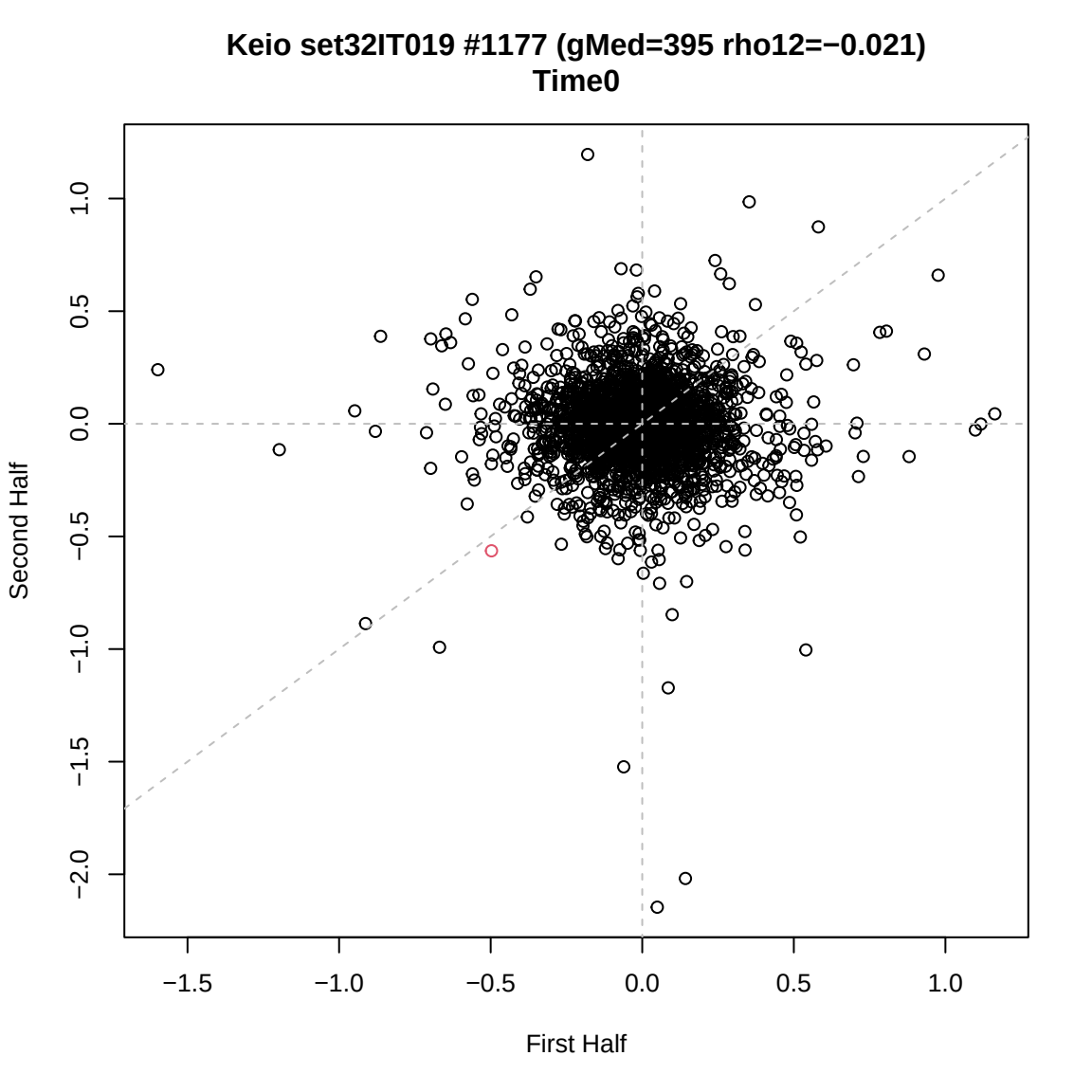

Keio set32IT006 #1172 (gMed=0 rho12=0.471)
Utah_phage_1MOI
Second Half
First Half
0
5
10
15

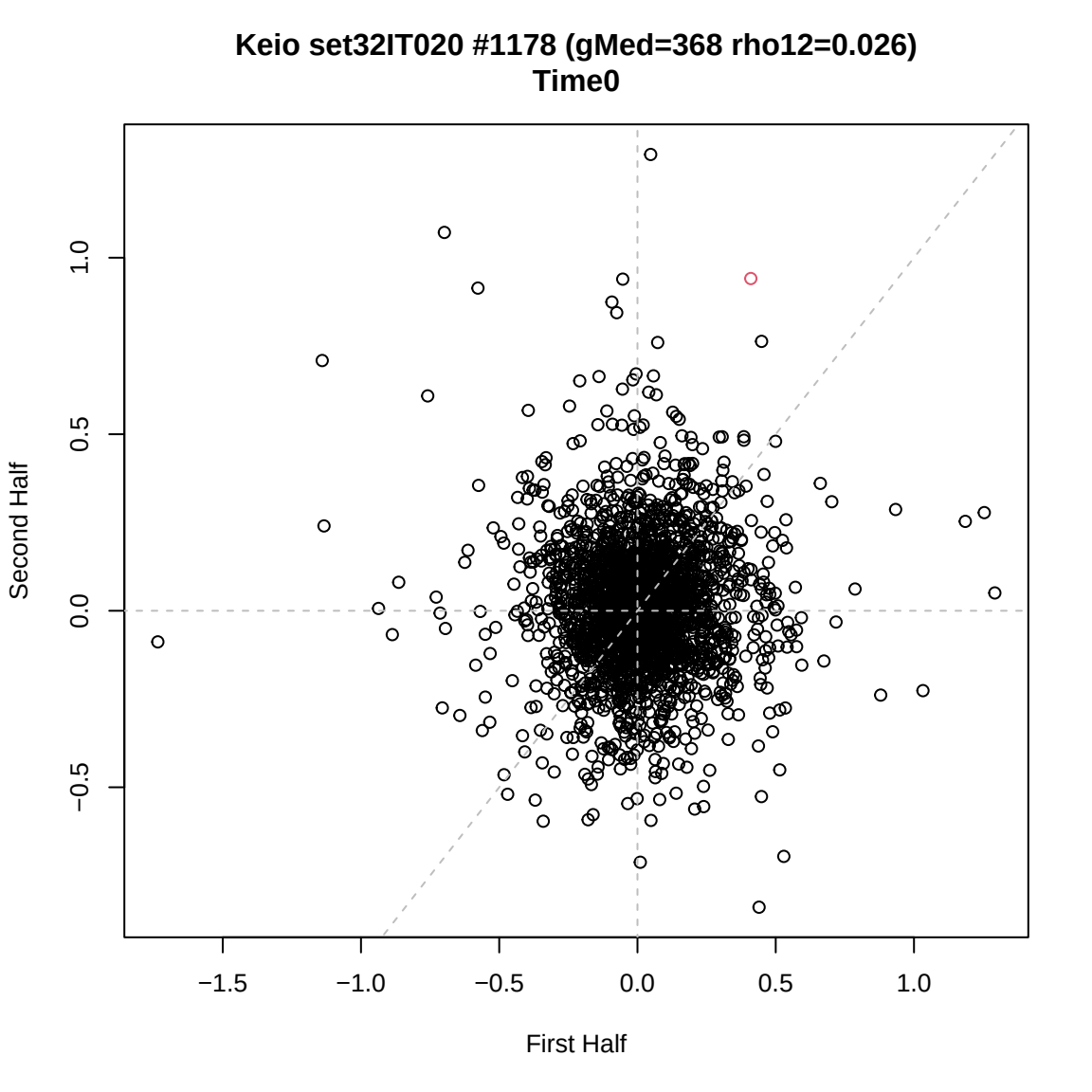

Keio set32IT007 #1173 (gMed=3 rho12=0.395)
Utah_phage_0.1MOI
Second Half
First Half
0
5
10
15

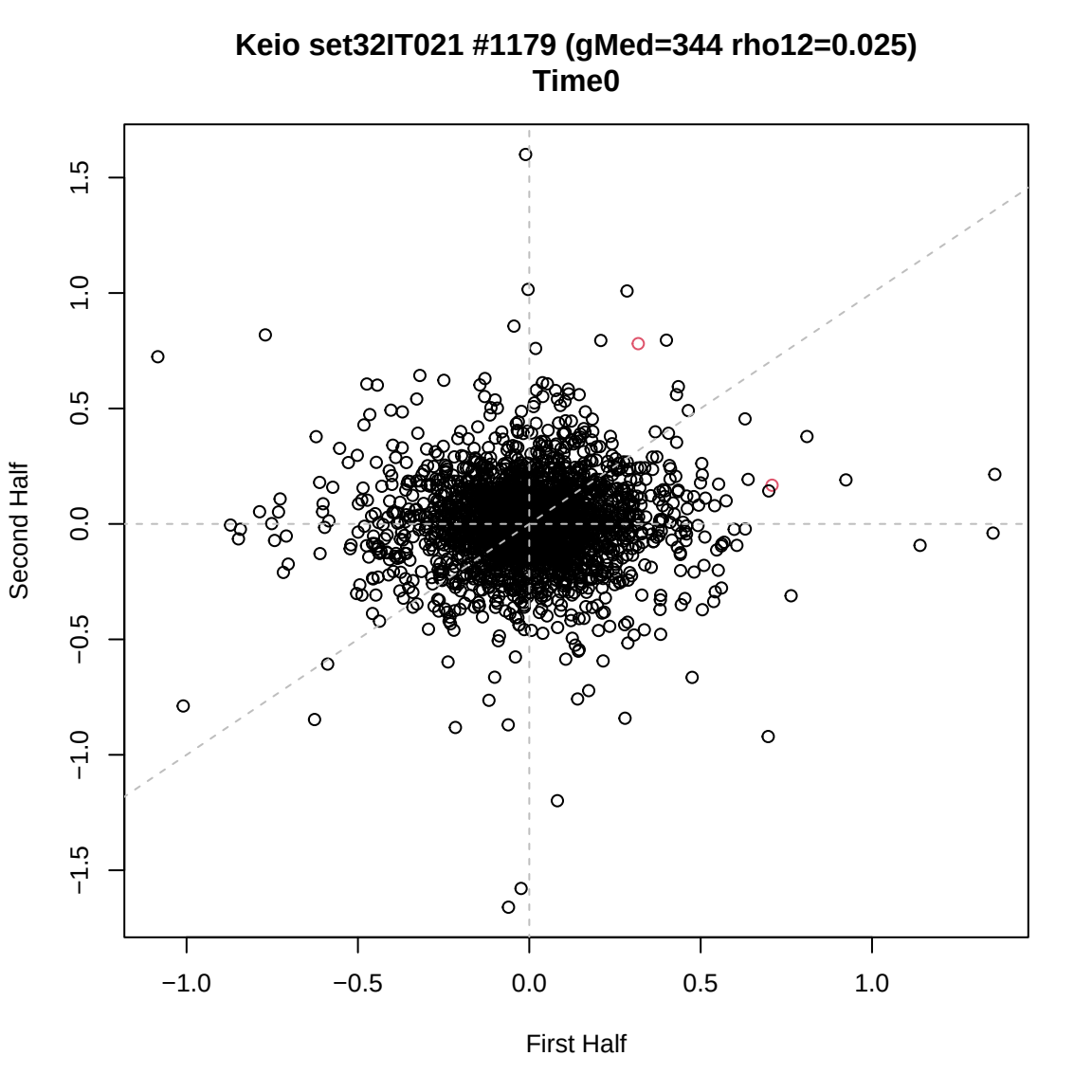

Keio set32IT008 #1174 (gMed=442 rho12=0.130)
NoPhageControl
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

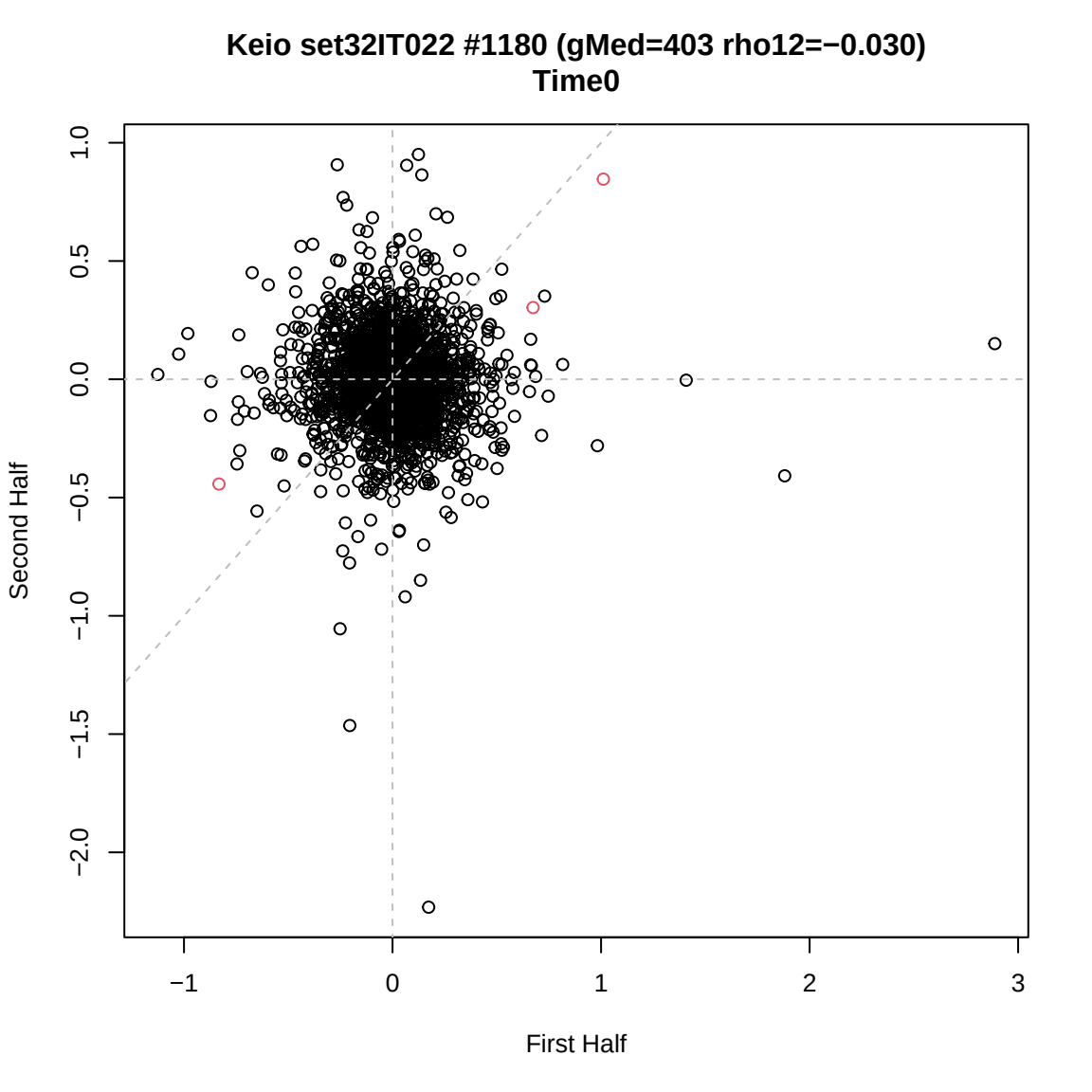

Keio set32IT017 #1175 (gMed=568 rho12=0.005)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

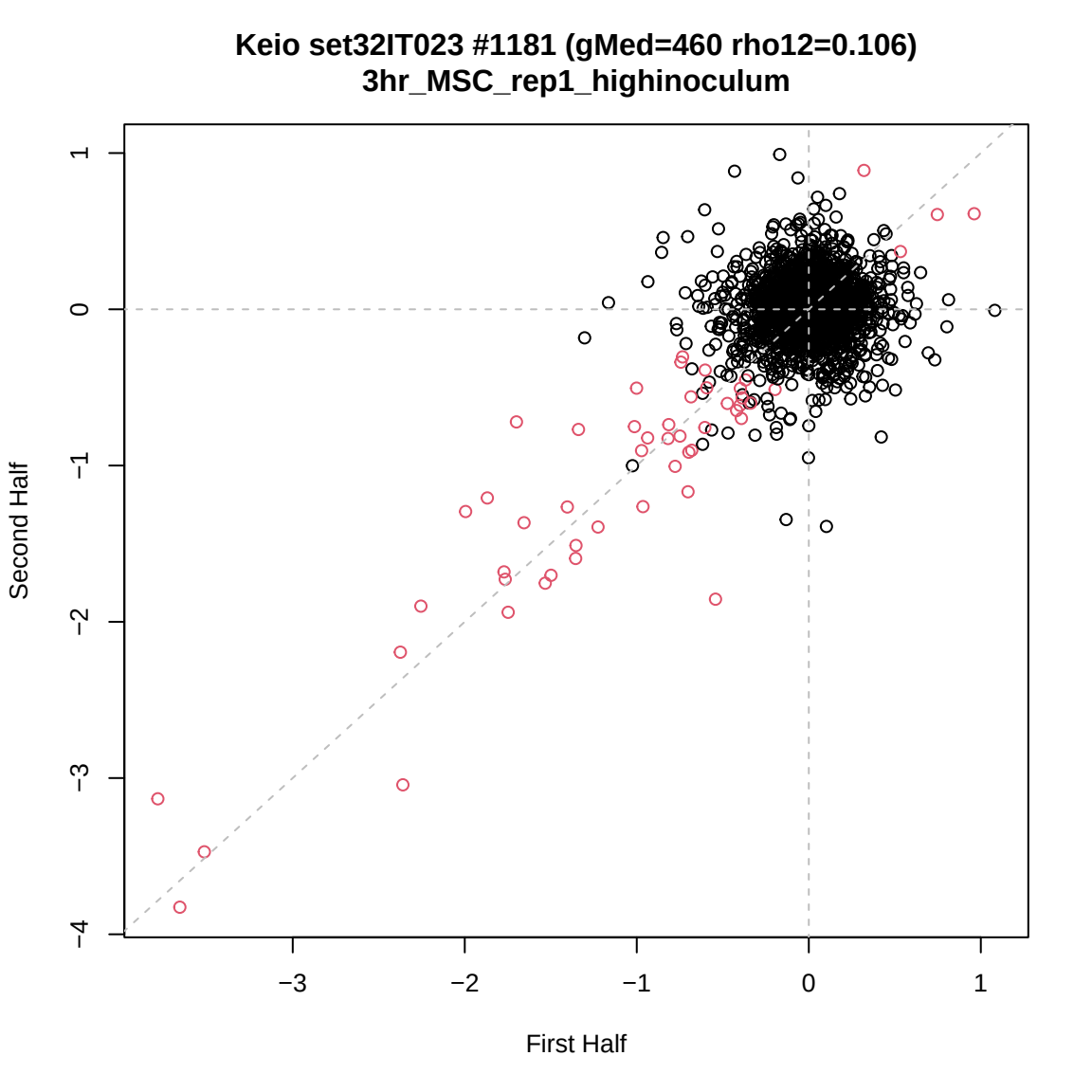

Keio set32IT018 #1176 (gMed=545 rho12=0.033)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

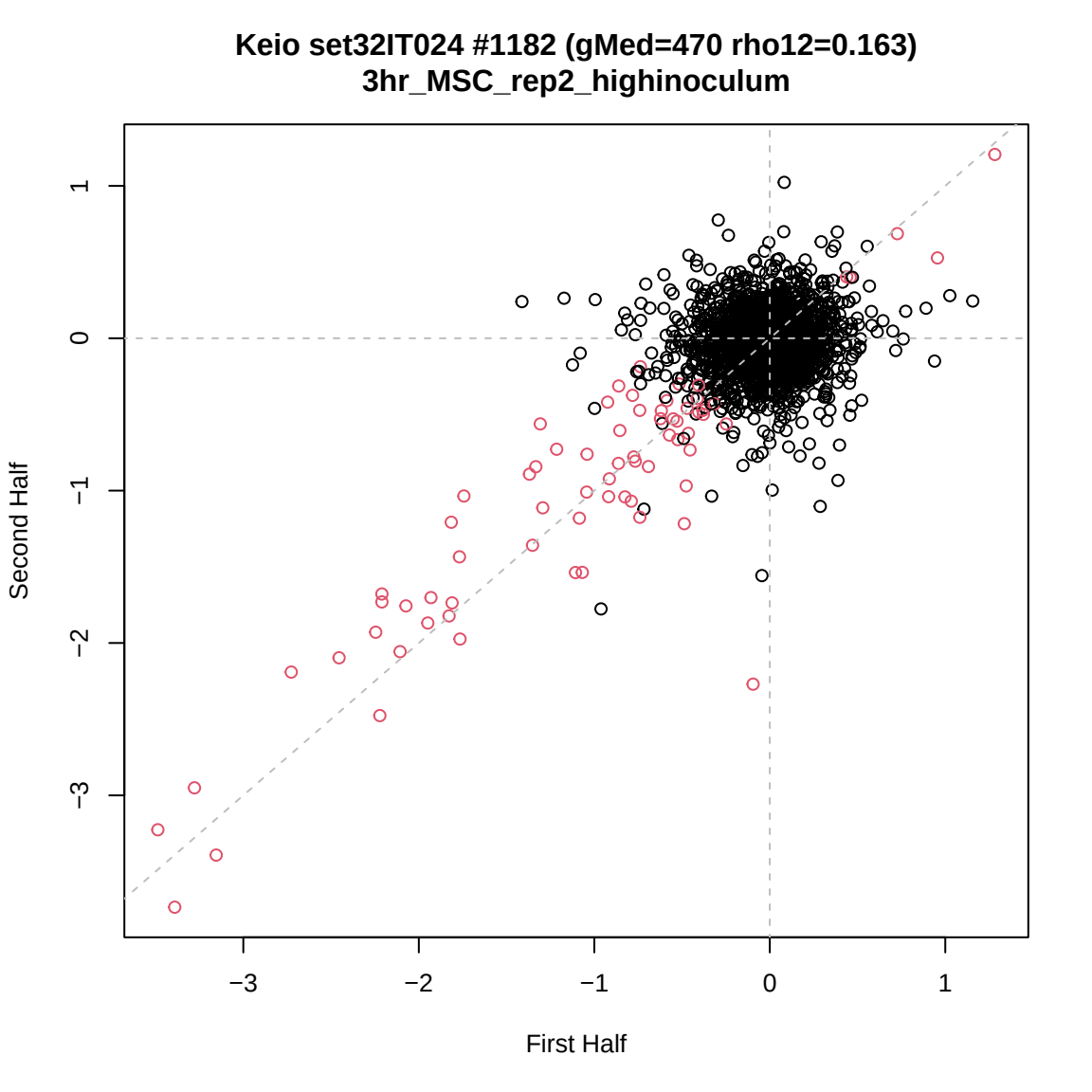

Keio set32IT019 #1177 (gMed=395 rho12=−0.021)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

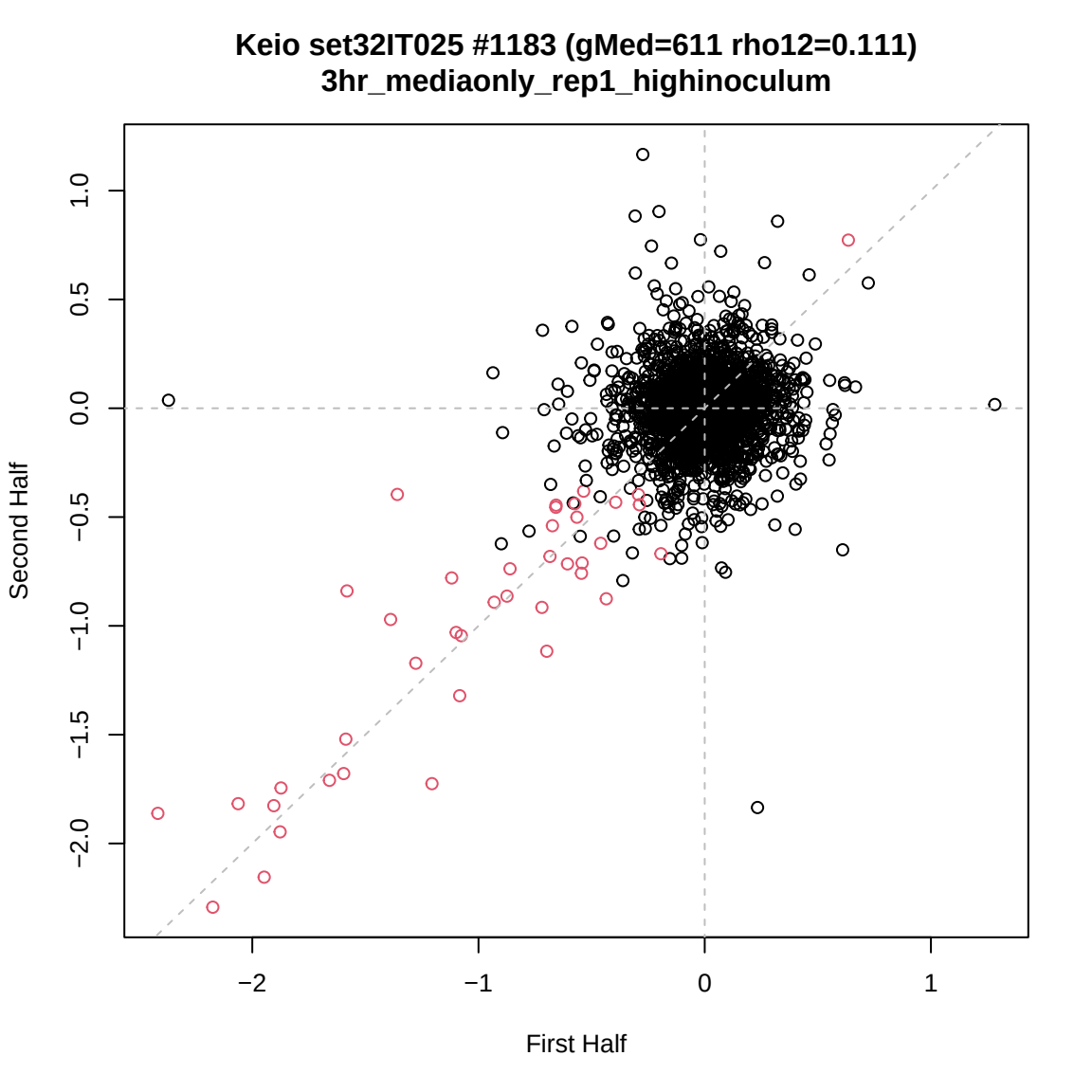

Keio set32IT020 #1178 (gMed=368 rho12=0.026)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

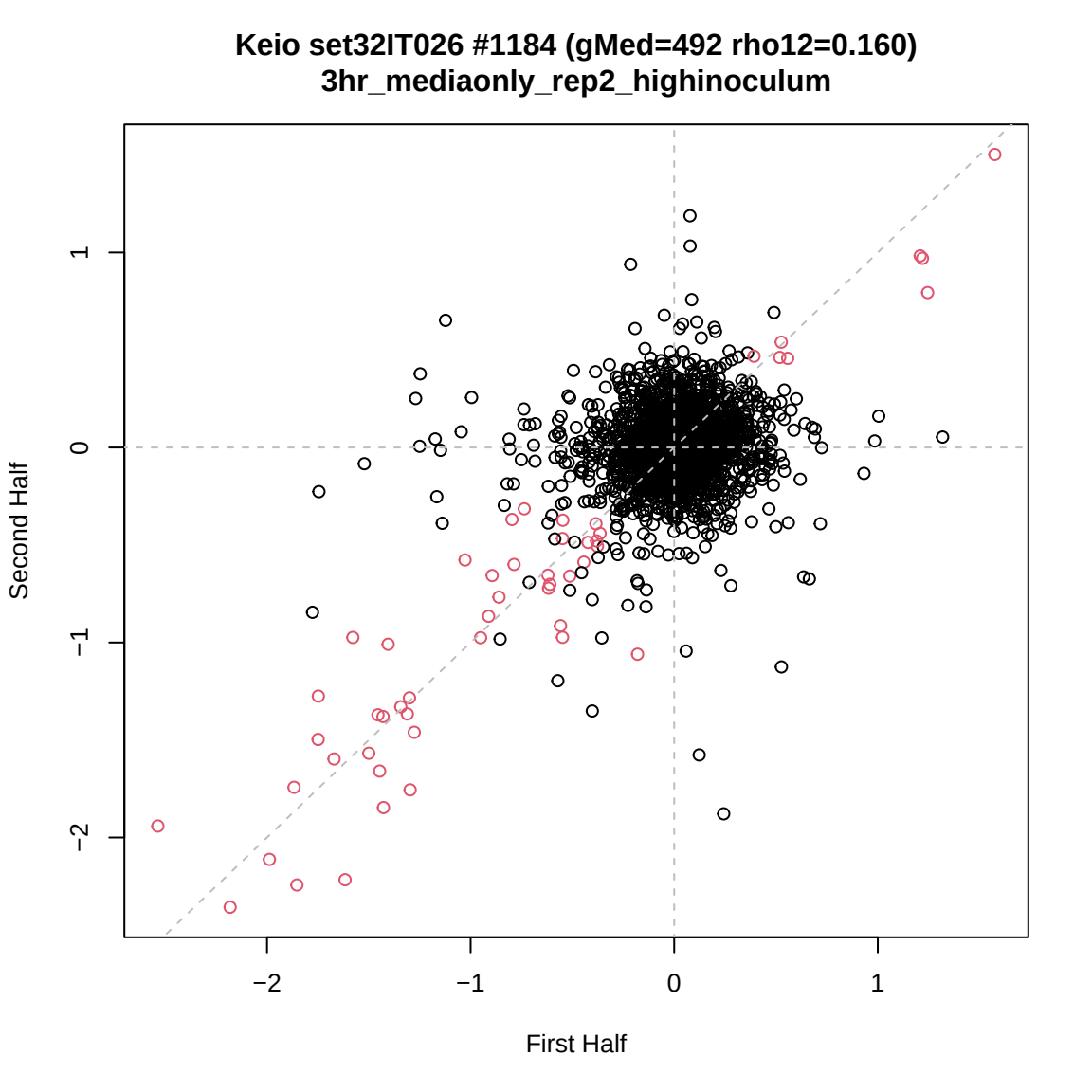

Keio set32IT021 #1179 (gMed=344 rho12=0.025)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

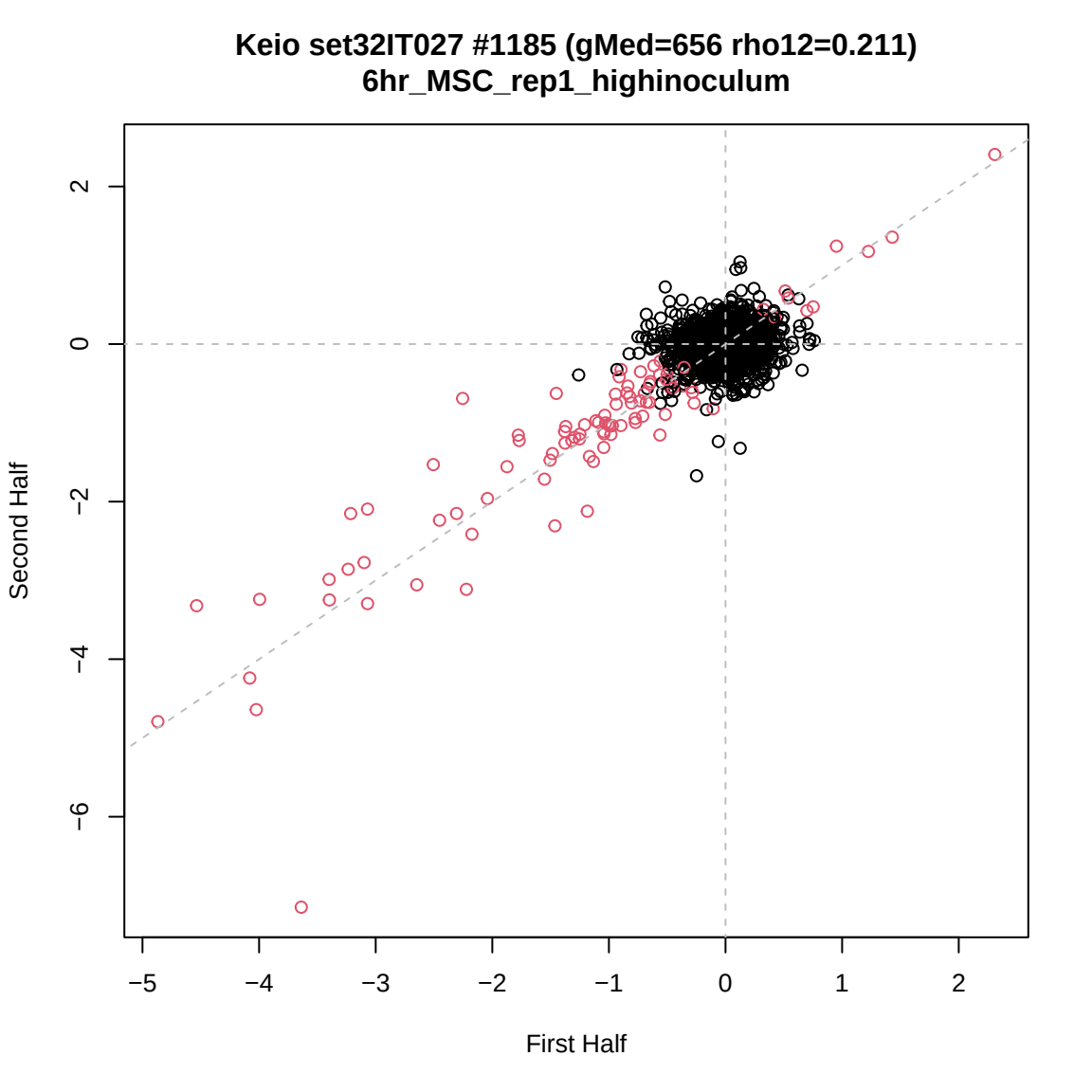

Keio set32IT022 #1180 (gMed=403 rho12=−0.030)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1
0
1
2
3

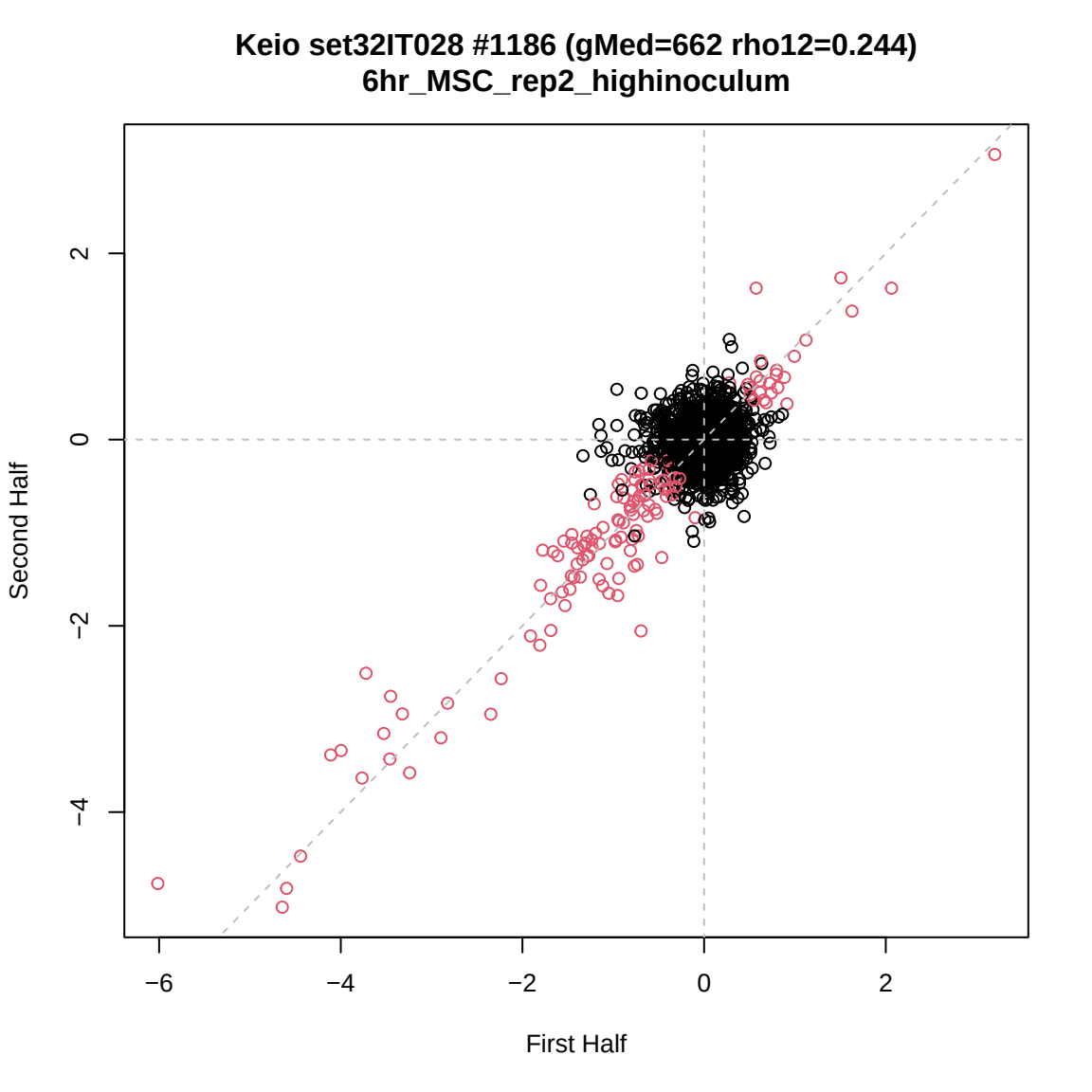

Keio set32IT023 #1181 (gMed=460 rho12=0.106)
3hr_MSC_rep1_highinoculum
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

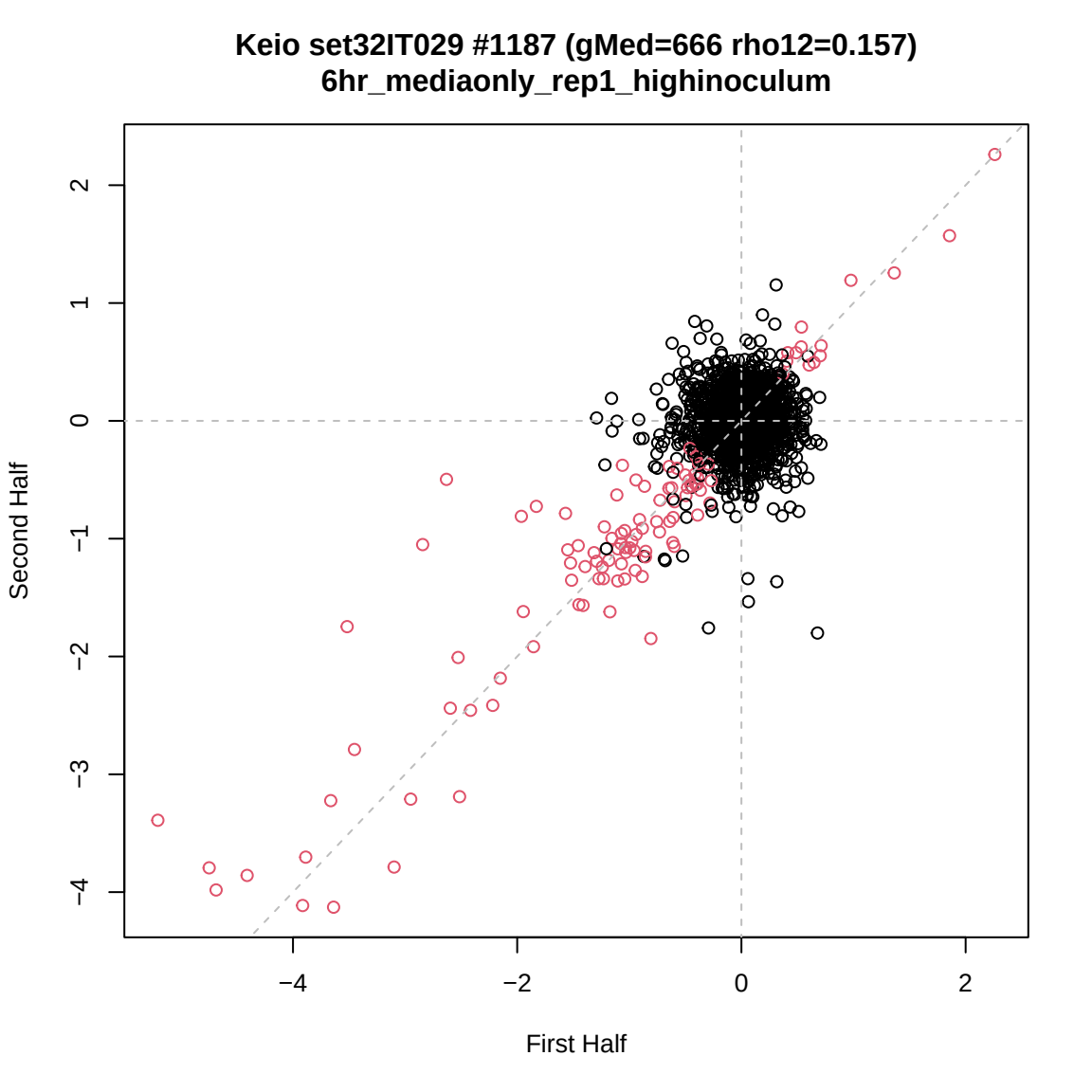

Keio set32IT024 #1182 (gMed=470 rho12=0.163)
3hr_MSC_rep2_highinoculum
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

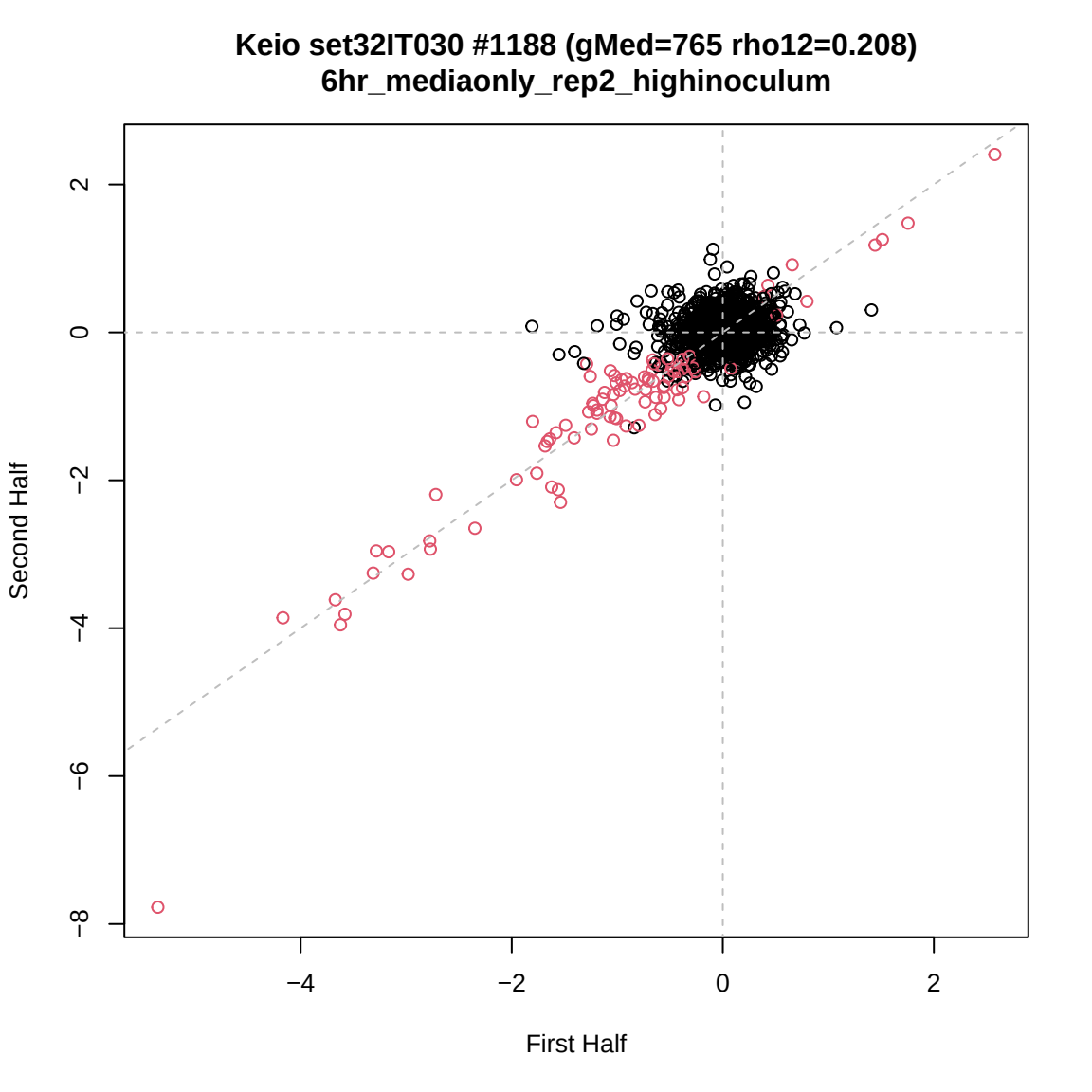

Keio set32IT025 #1183 (gMed=611 rho12=0.111)
3hr_mediaonly_rep1_highinoculum
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

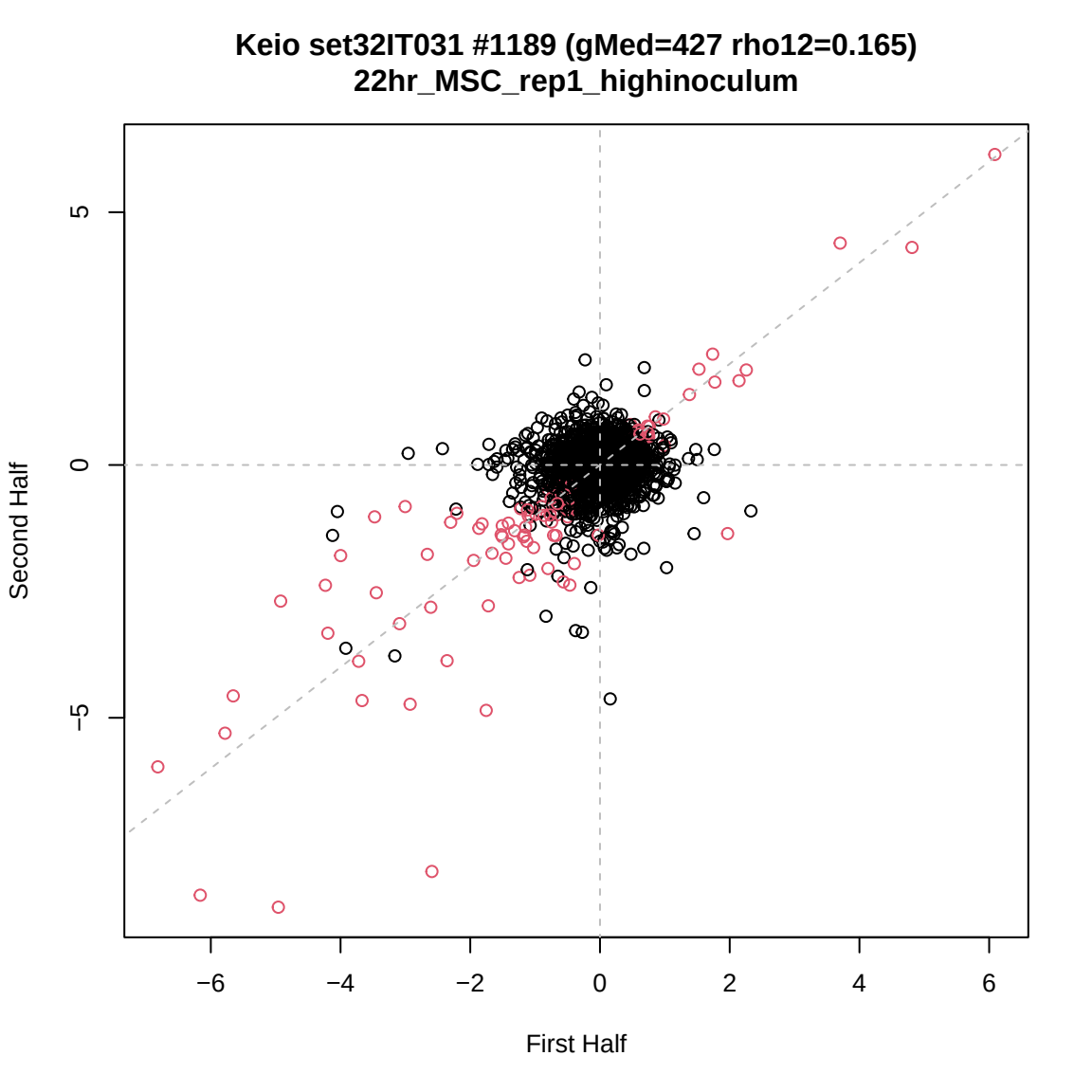

Keio set32IT026 #1184 (gMed=492 rho12=0.160)
3hr_mediaonly_rep2_highinoculum
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

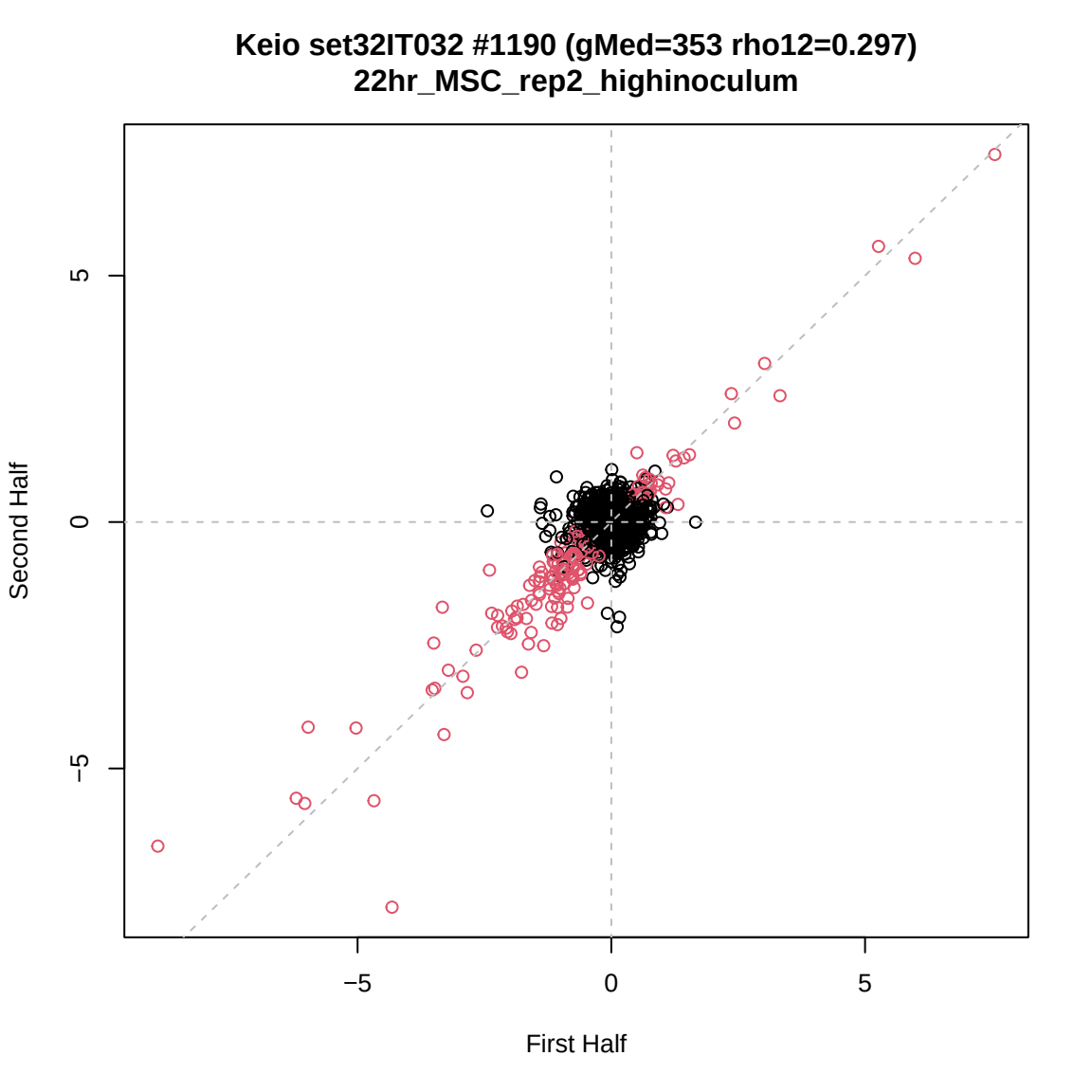

Keio set32IT027 #1185 (gMed=656 rho12=0.211)
6hr_MSC_rep1_highinoculum
Second Half
First Half
2
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1
2

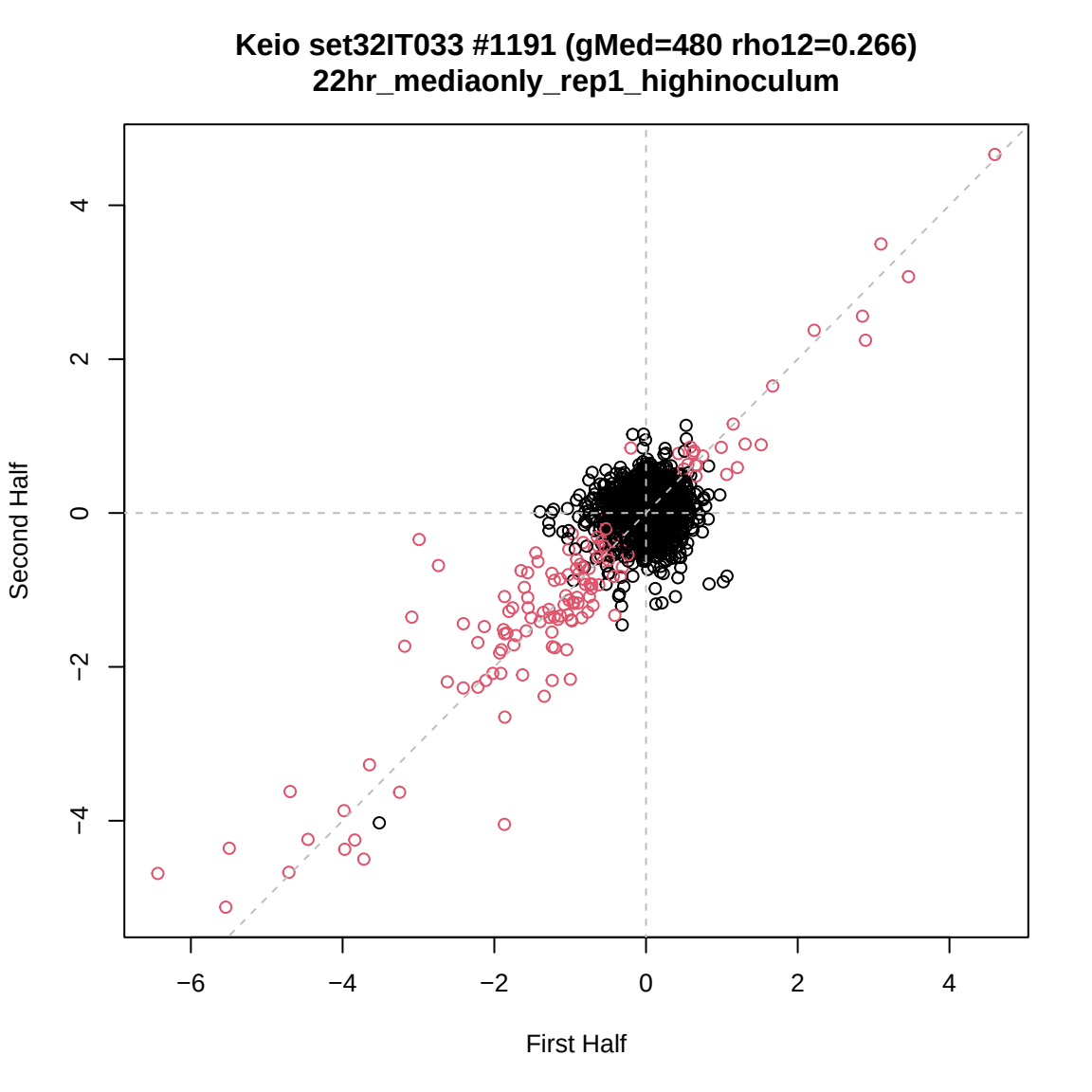

Keio set32IT028 #1186 (gMed=662 rho12=0.244)
6hr_MSC_rep2_highinoculum
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

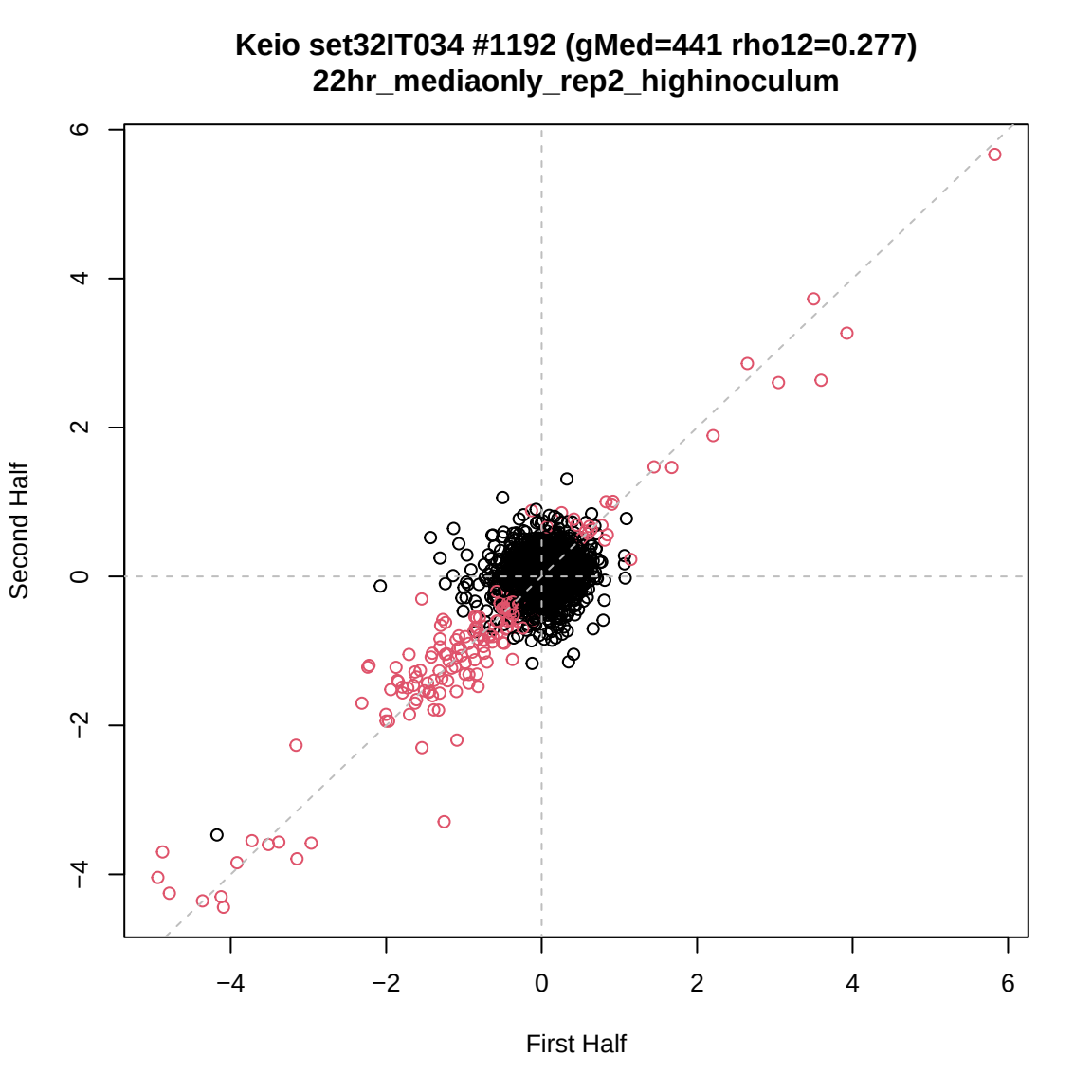

Keio set32IT029 #1187 (gMed=666 rho12=0.157)
6hr_mediaonly_rep1_highinoculum
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

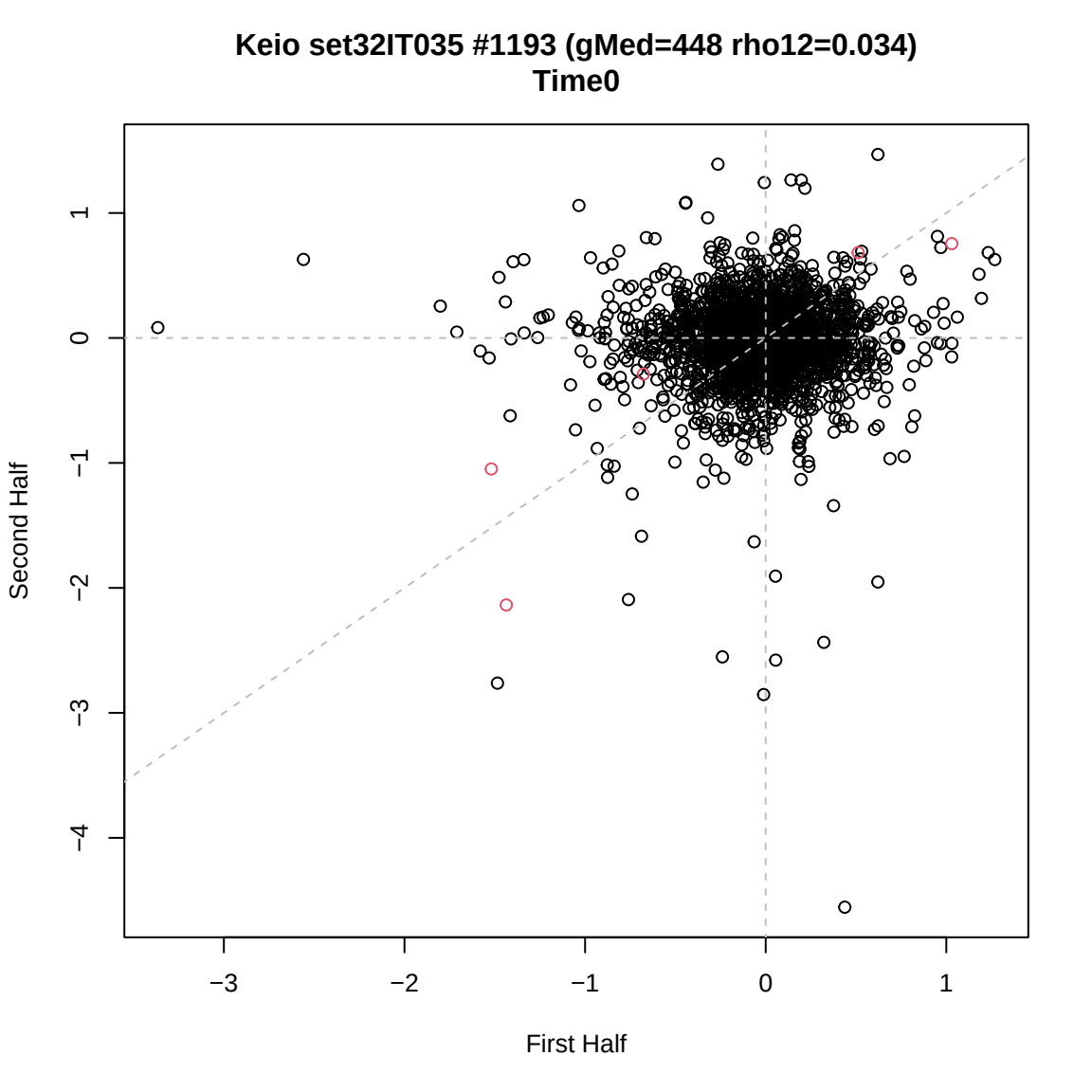

Keio set32IT030 #1188 (gMed=765 rho12=0.208)
6hr_mediaonly_rep2_highinoculum
Second Half
First Half
2
0
−2
−4
−6
−8
−4
−2
0
2

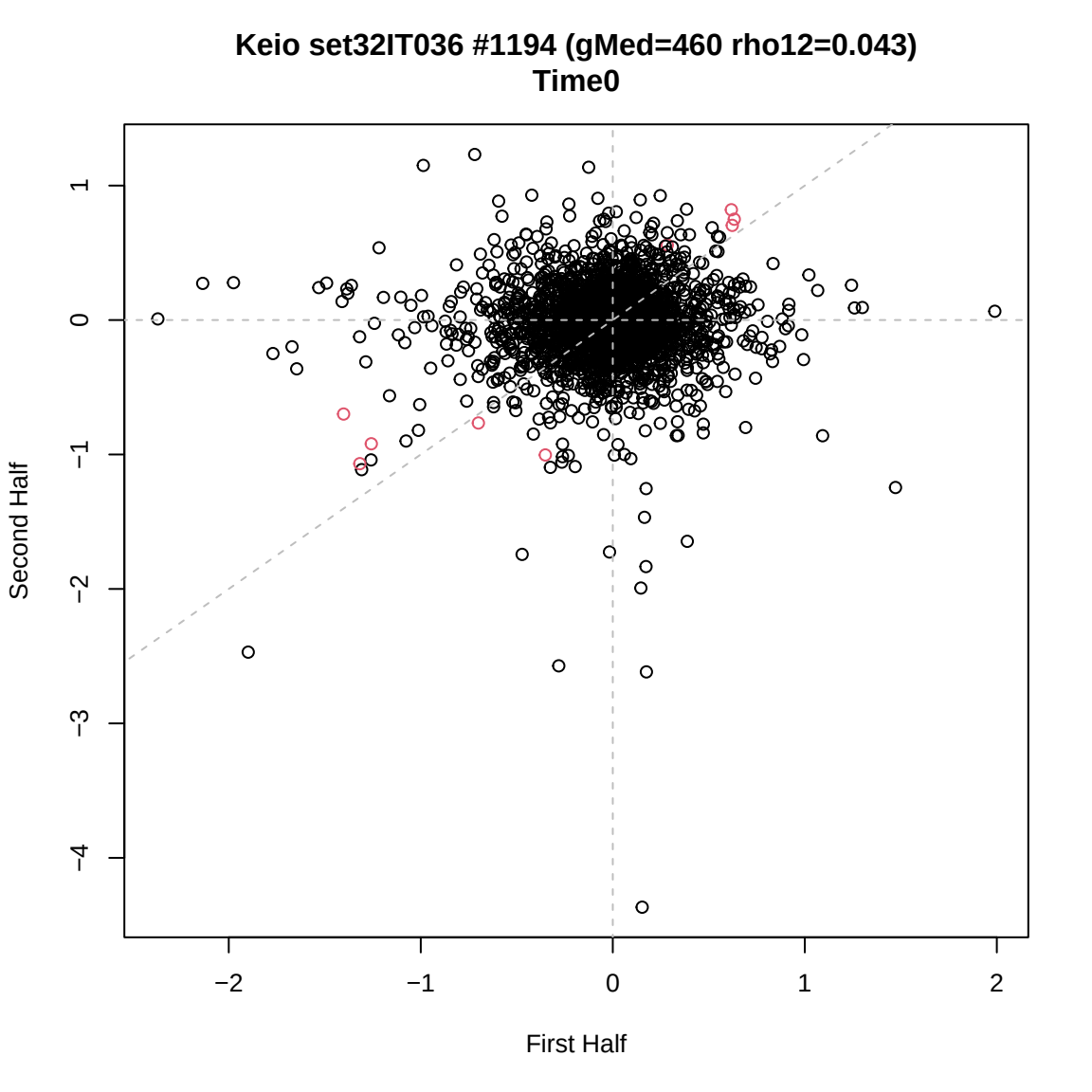

Keio set32IT031 #1189 (gMed=427 rho12=0.165)
22hr_MSC_rep1_highinoculum
Second Half
First Half
5
0
−5
−6
−4
−2
0
2
4
6

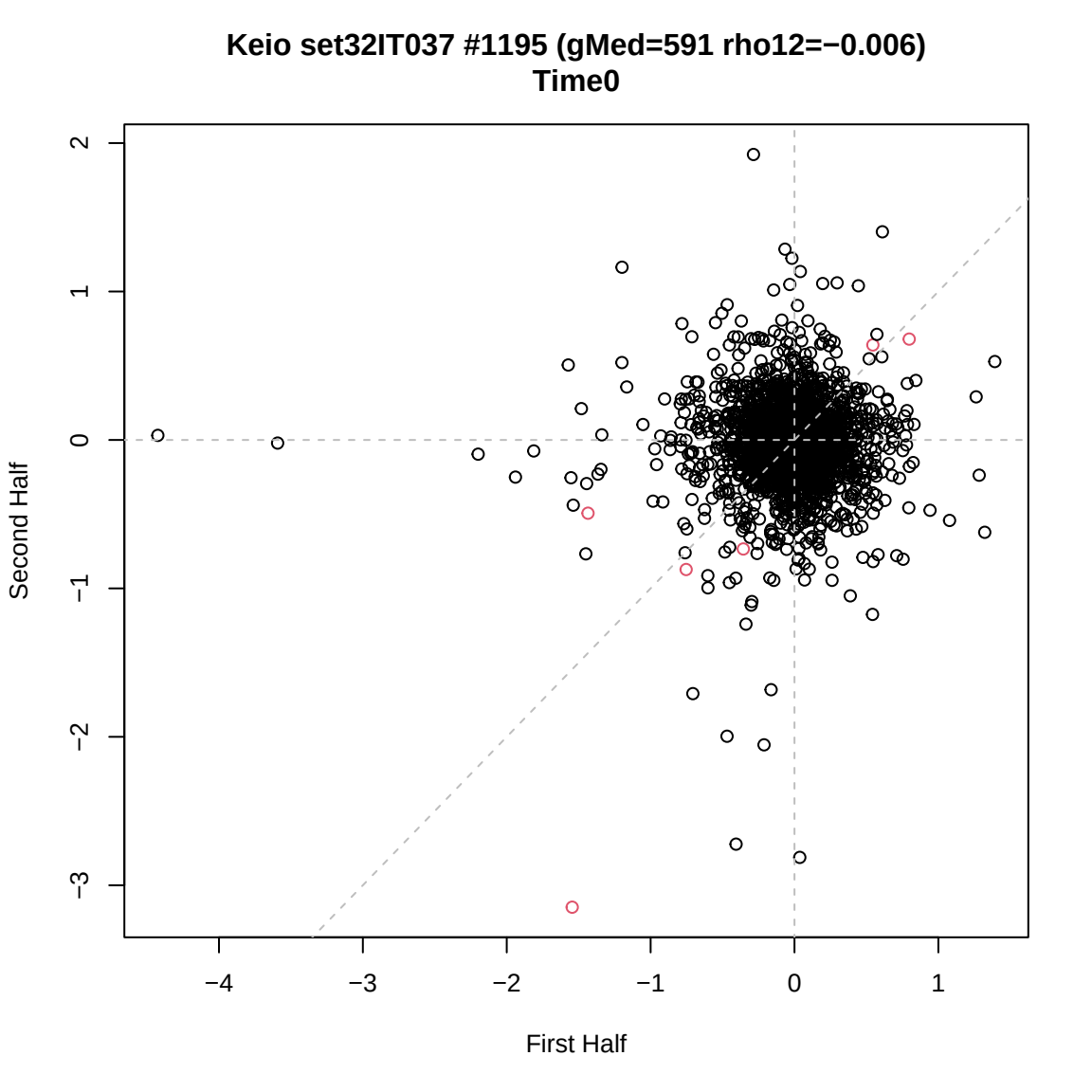

Keio set32IT032 #1190 (gMed=353 rho12=0.297)
22hr_MSC_rep2_highinoculum
Second Half
First Half
5
0
−5
−5
0
5

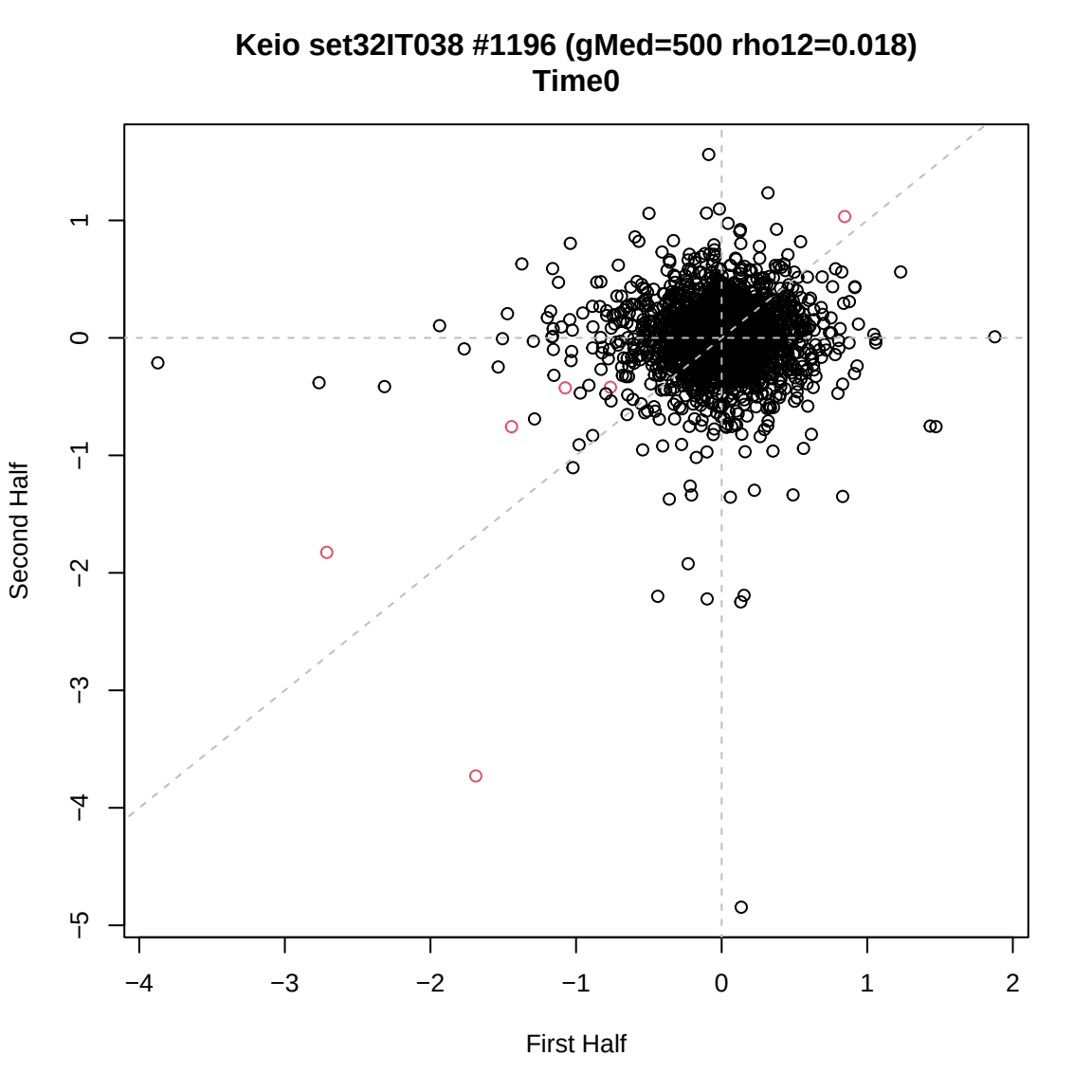

Keio set32IT033 #1191 (gMed=480 rho12=0.266)
22hr_mediaonly_rep1_highinoculum
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

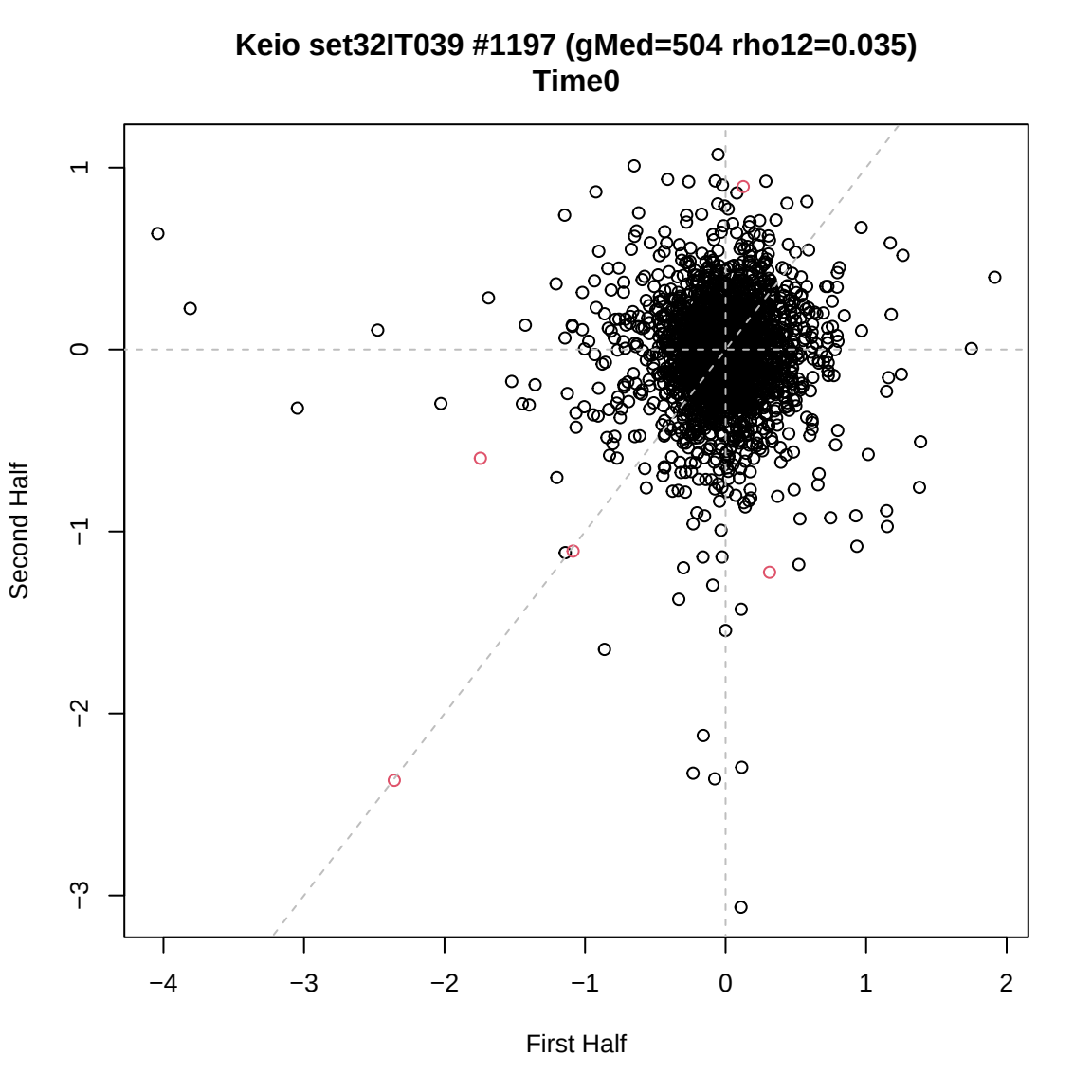

Keio set32IT034 #1192 (gMed=441 rho12=0.277)
22hr_mediaonly_rep2_highinoculum
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

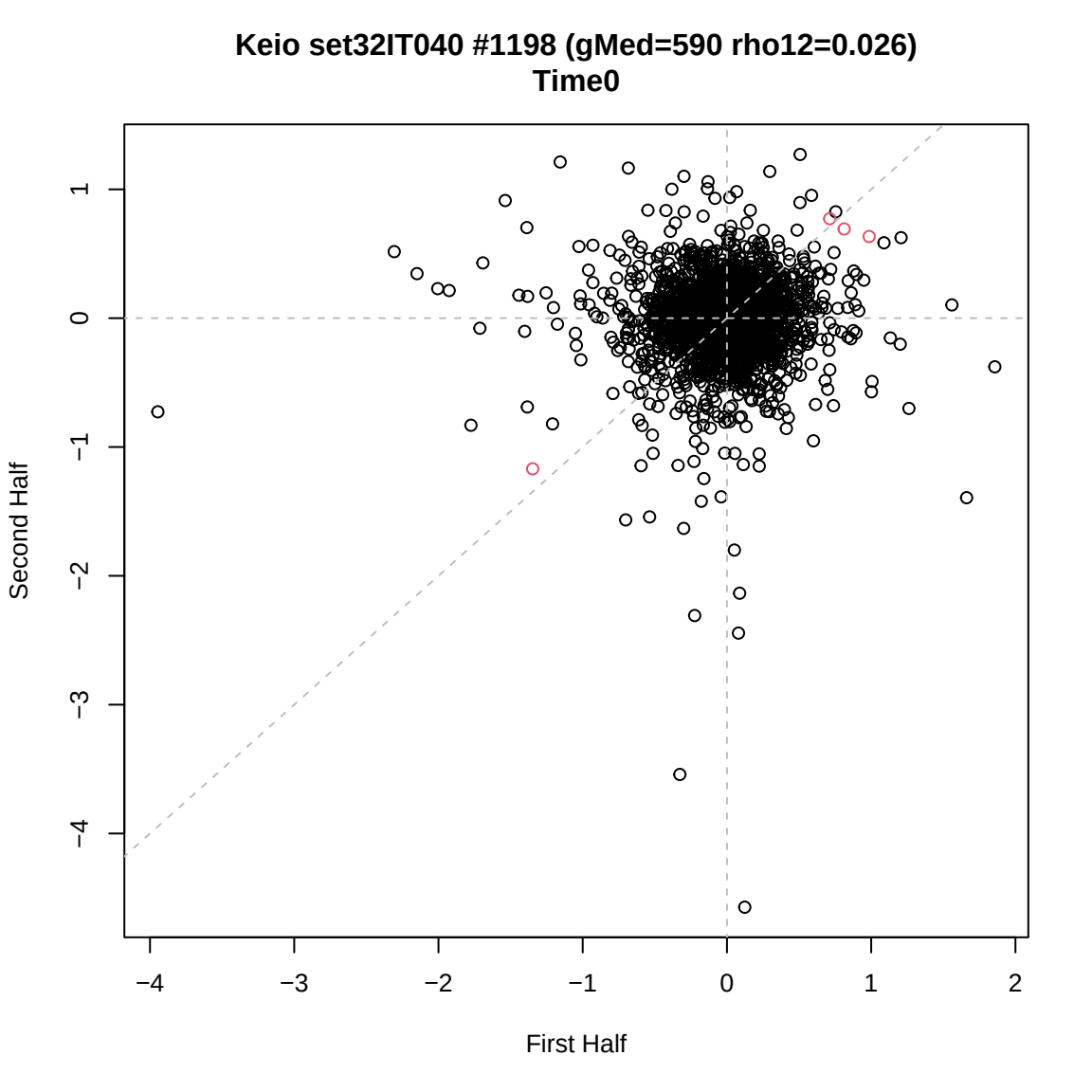

Keio set32IT035 #1193 (gMed=448 rho12=0.034)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

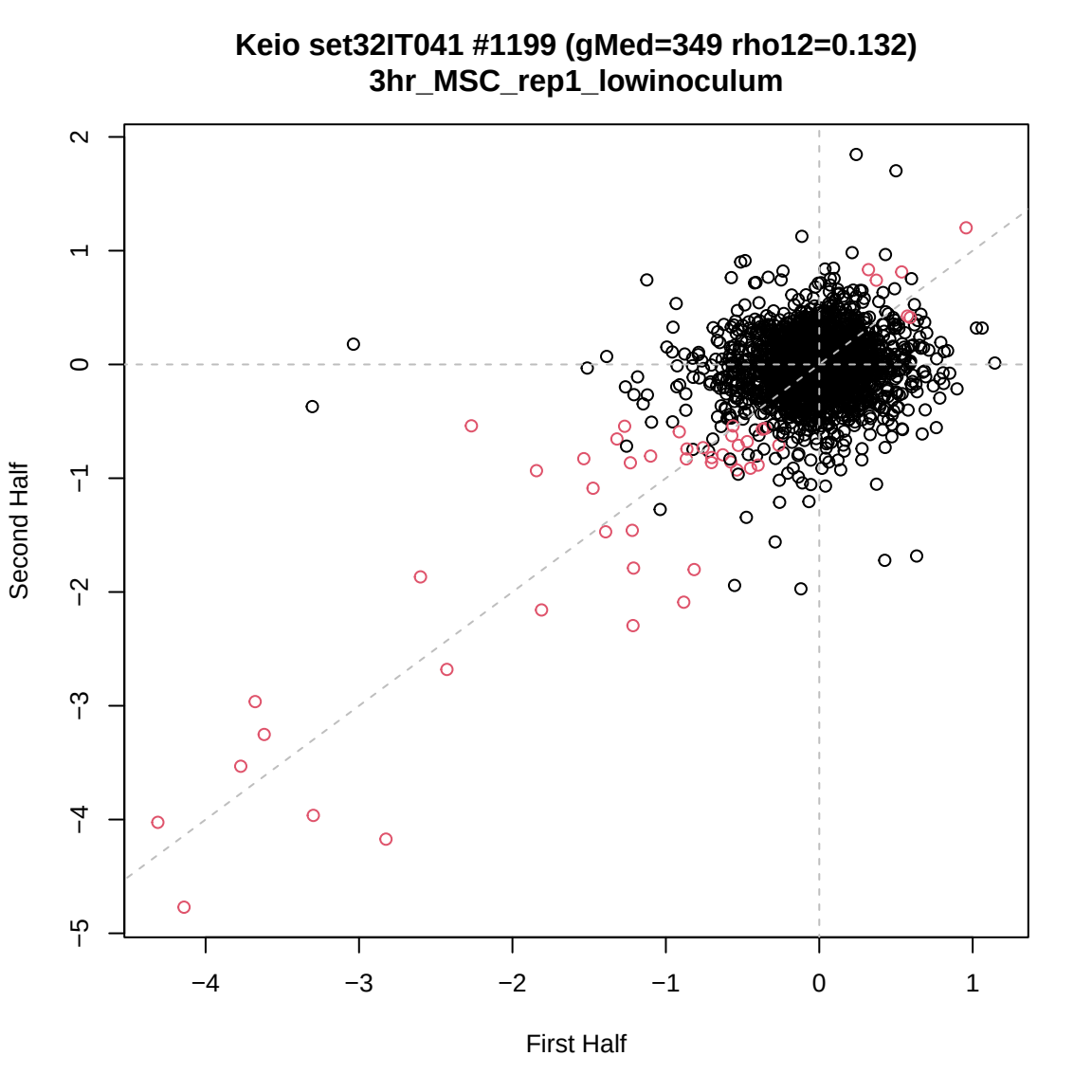

Keio set32IT036 #1194 (gMed=460 rho12=0.043)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−2
−1
0
1
2

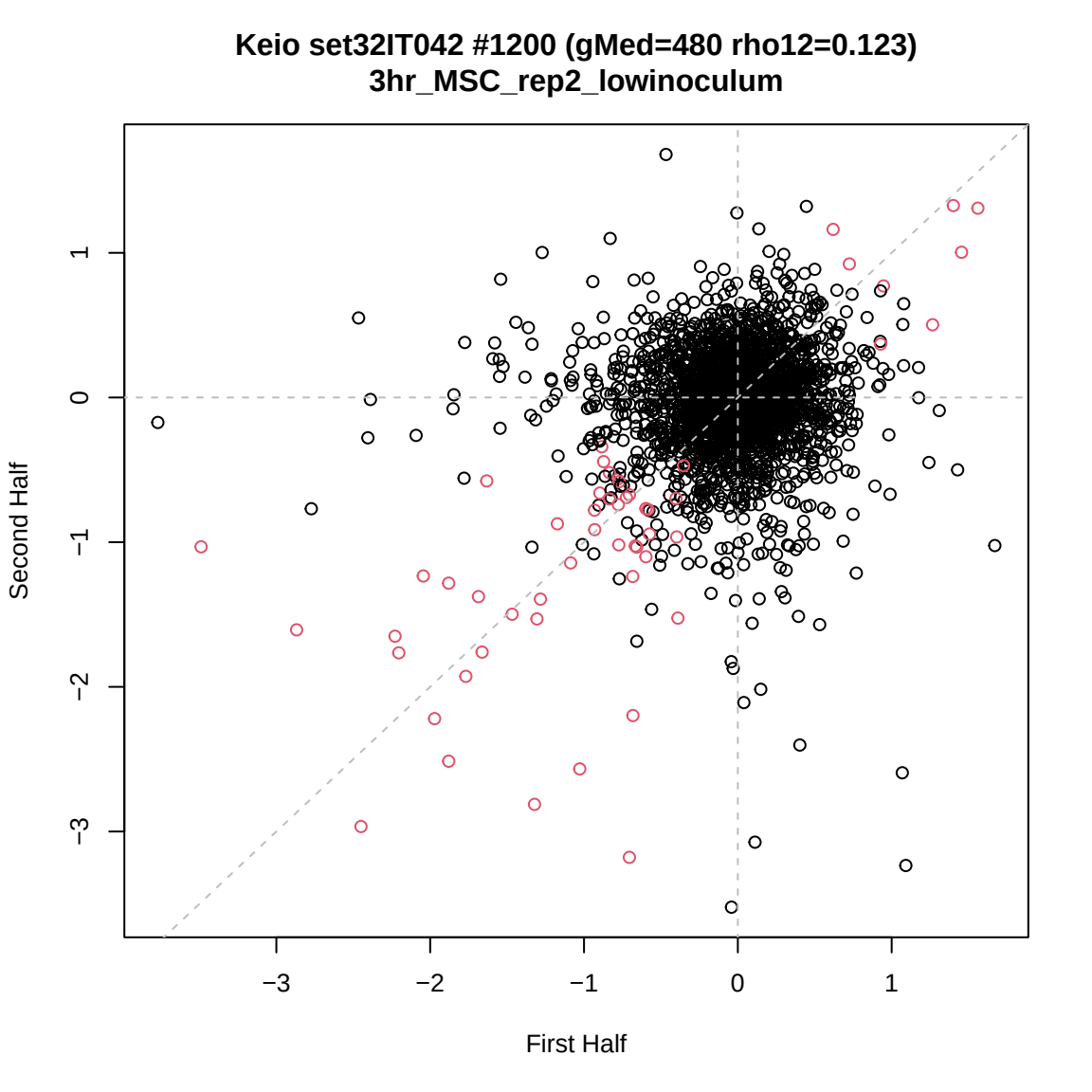

Keio set32IT037 #1195 (gMed=591 rho12=−0.006)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

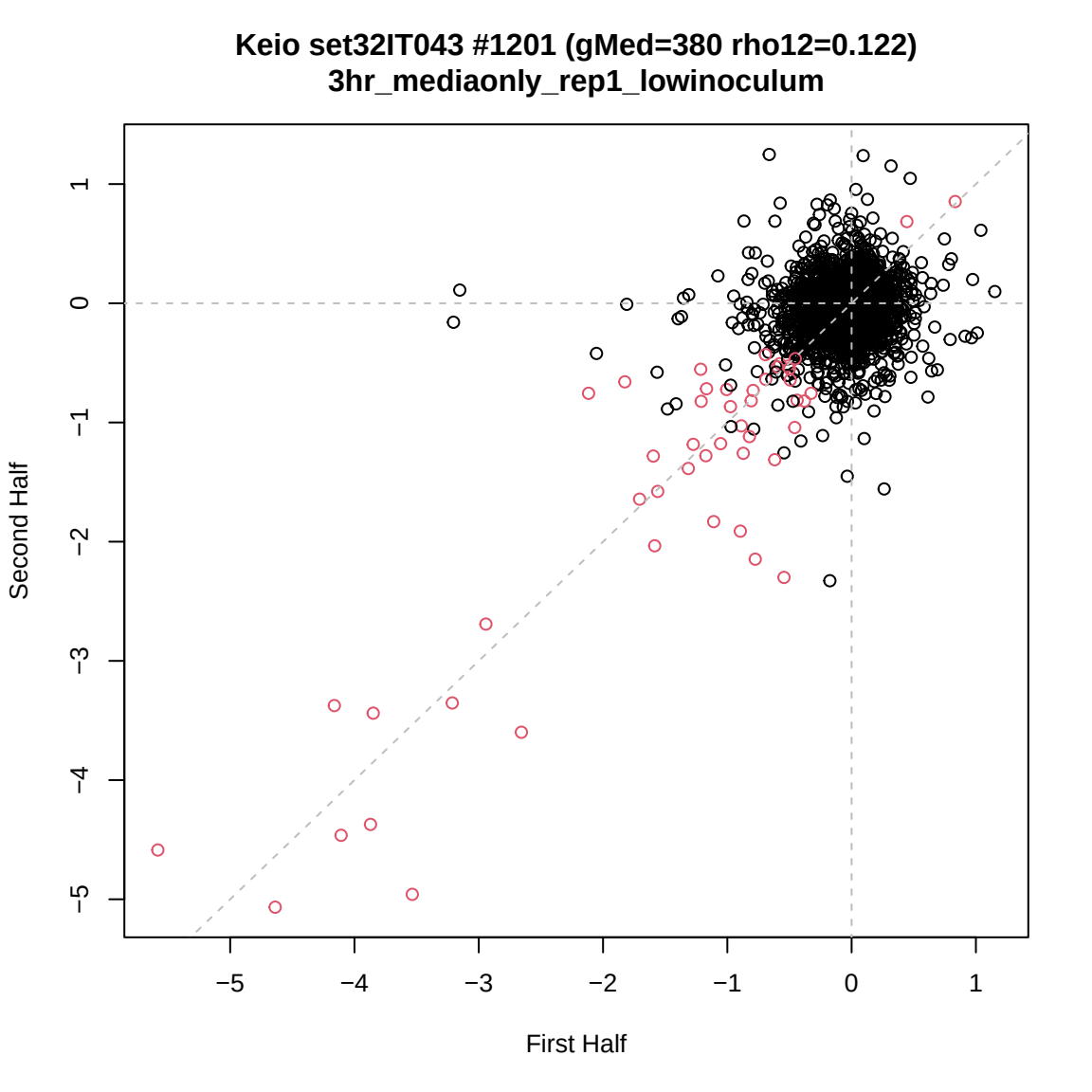

Keio set32IT038 #1196 (gMed=500 rho12=0.018)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

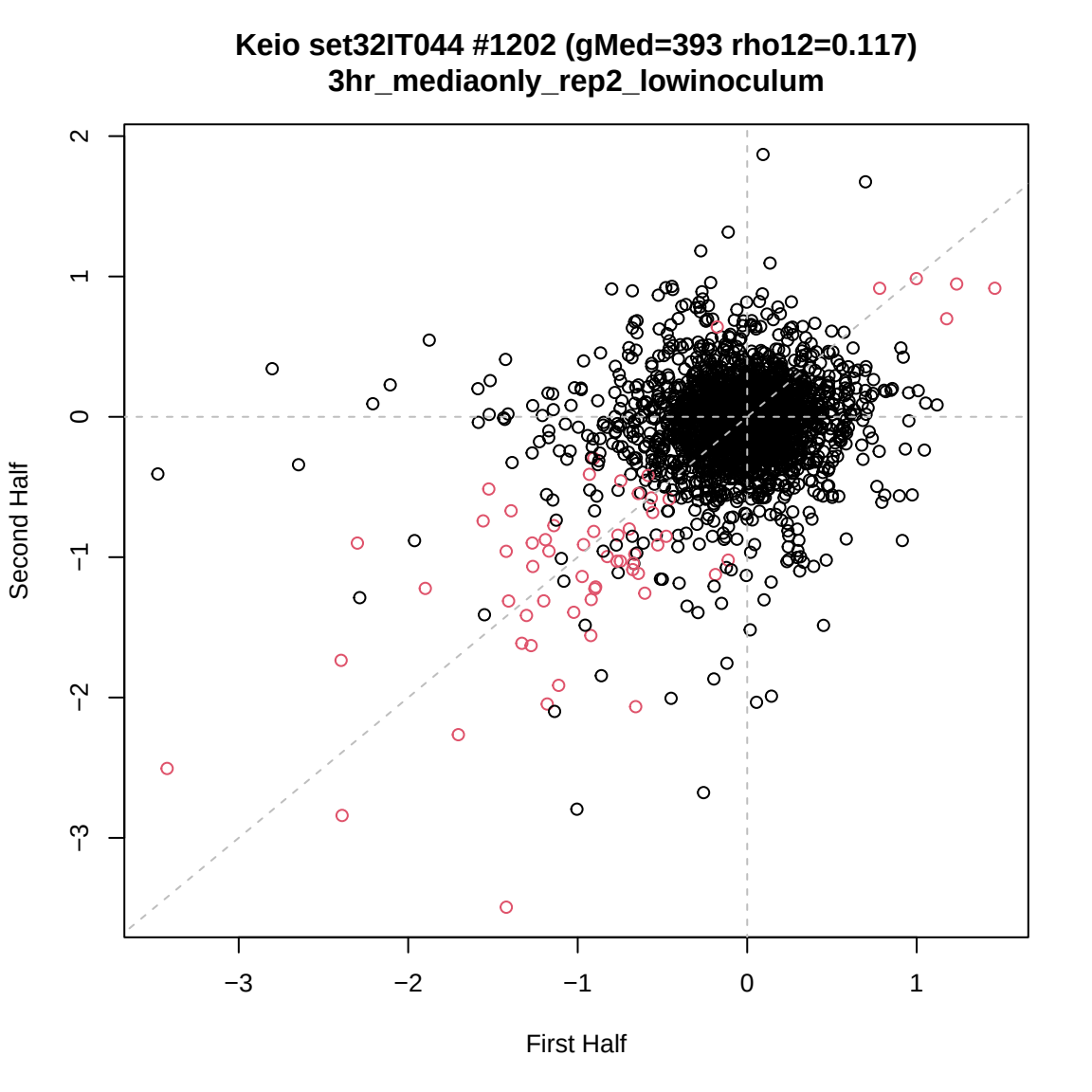

Keio set32IT039 #1197 (gMed=504 rho12=0.035)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

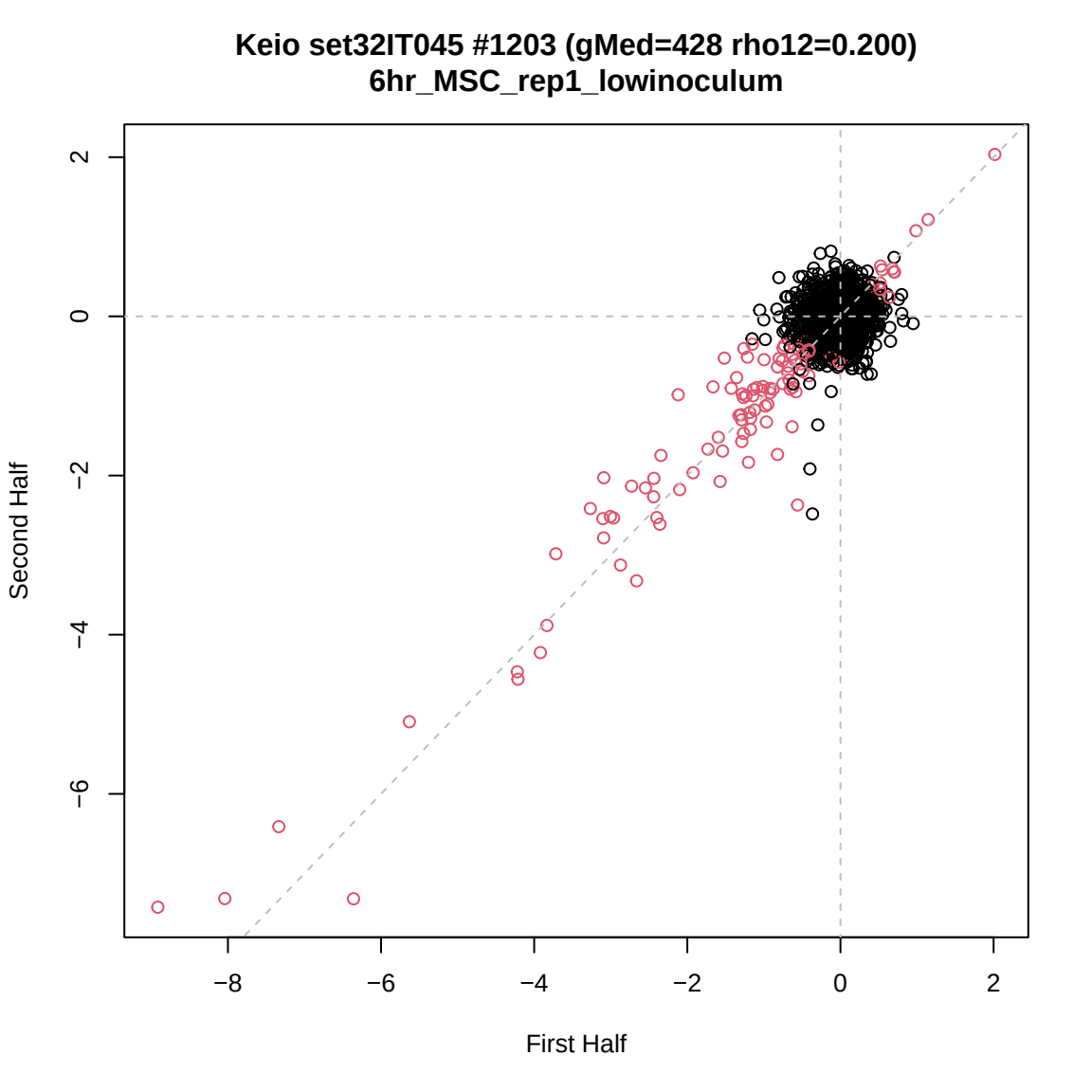

Keio set32IT040 #1198 (gMed=590 rho12=0.026)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

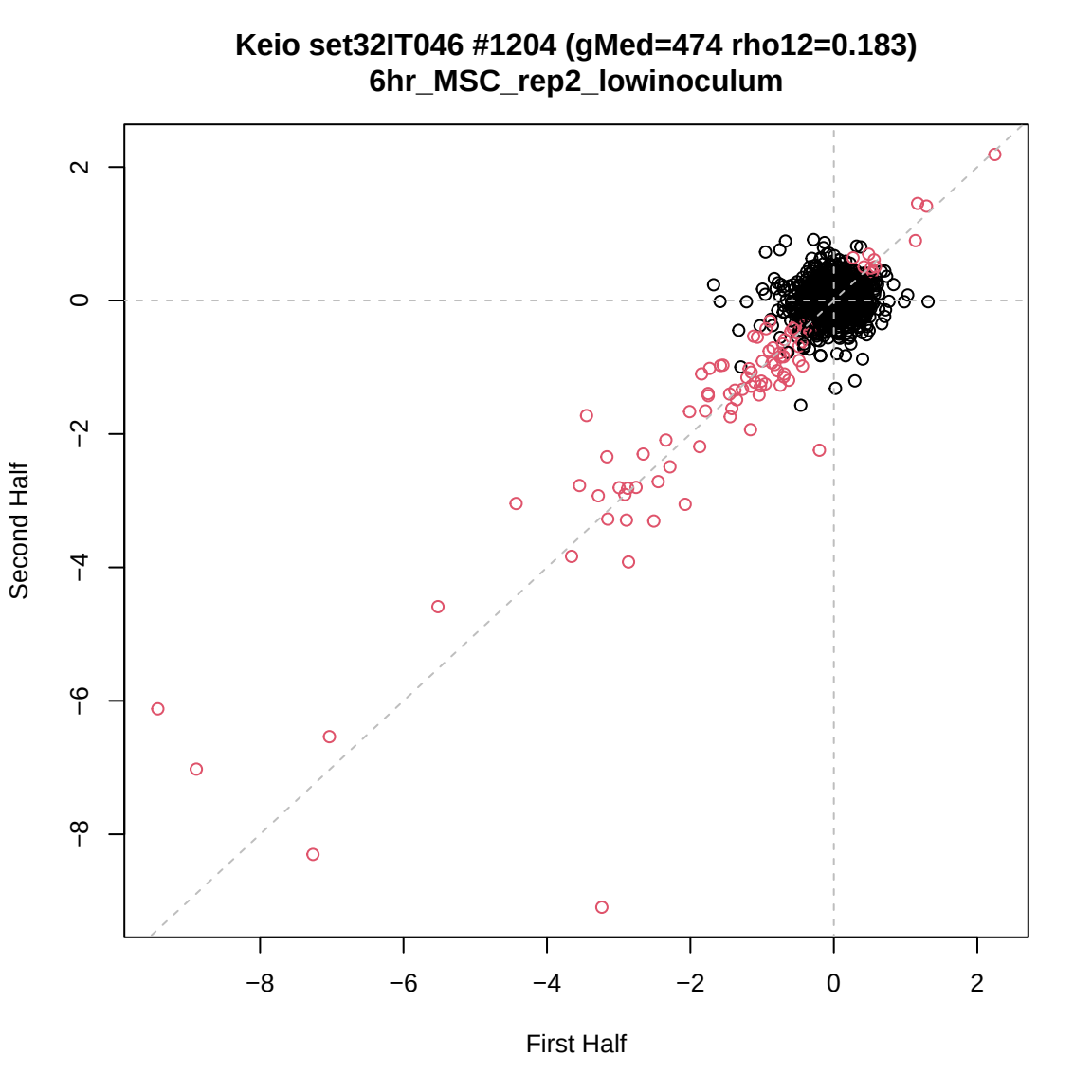

Keio set32IT041 #1199 (gMed=349 rho12=0.132)
3hr_MSC_rep1_lowinoculum
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

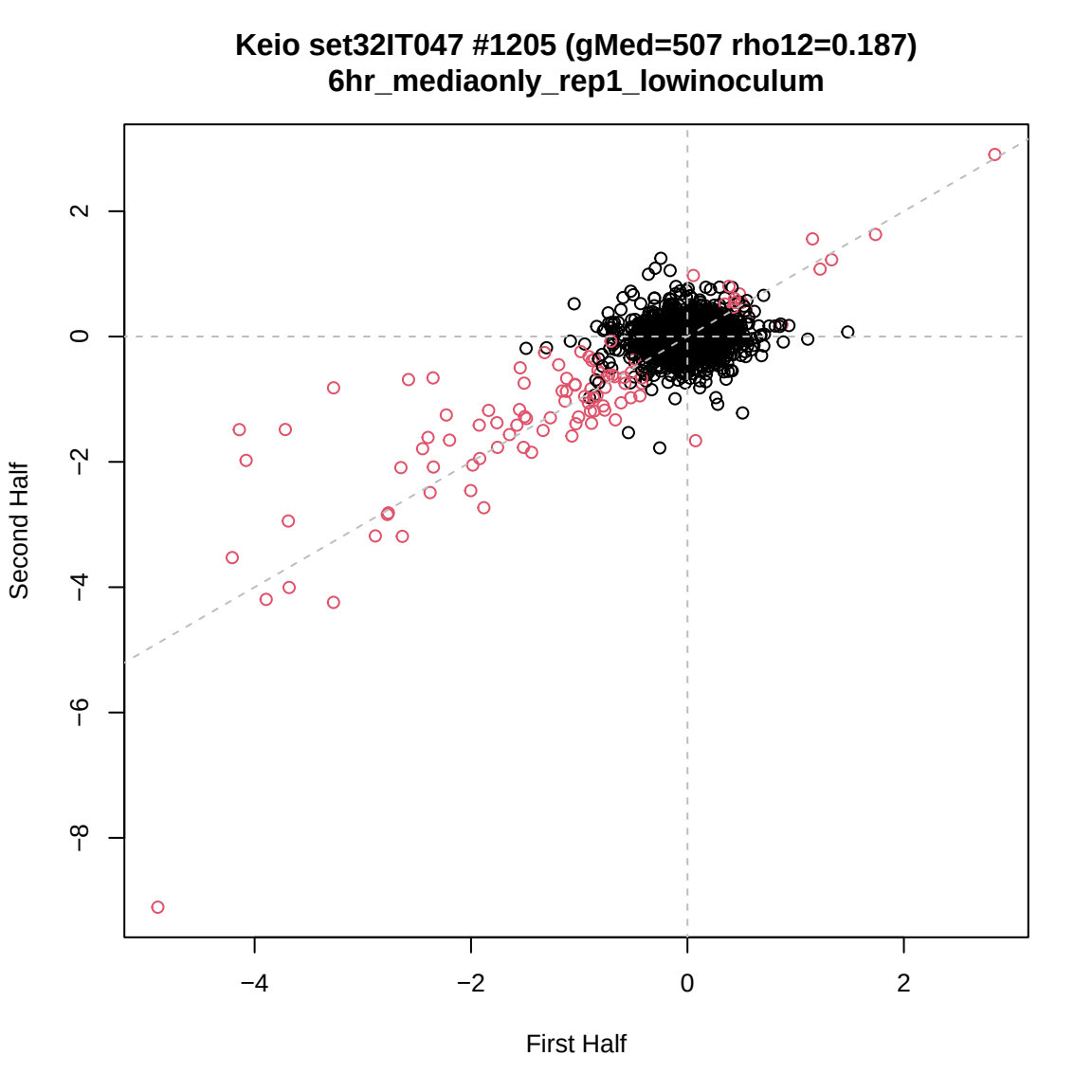

Keio set32IT042 #1200 (gMed=480 rho12=0.123)
3hr_MSC_rep2_lowinoculum
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

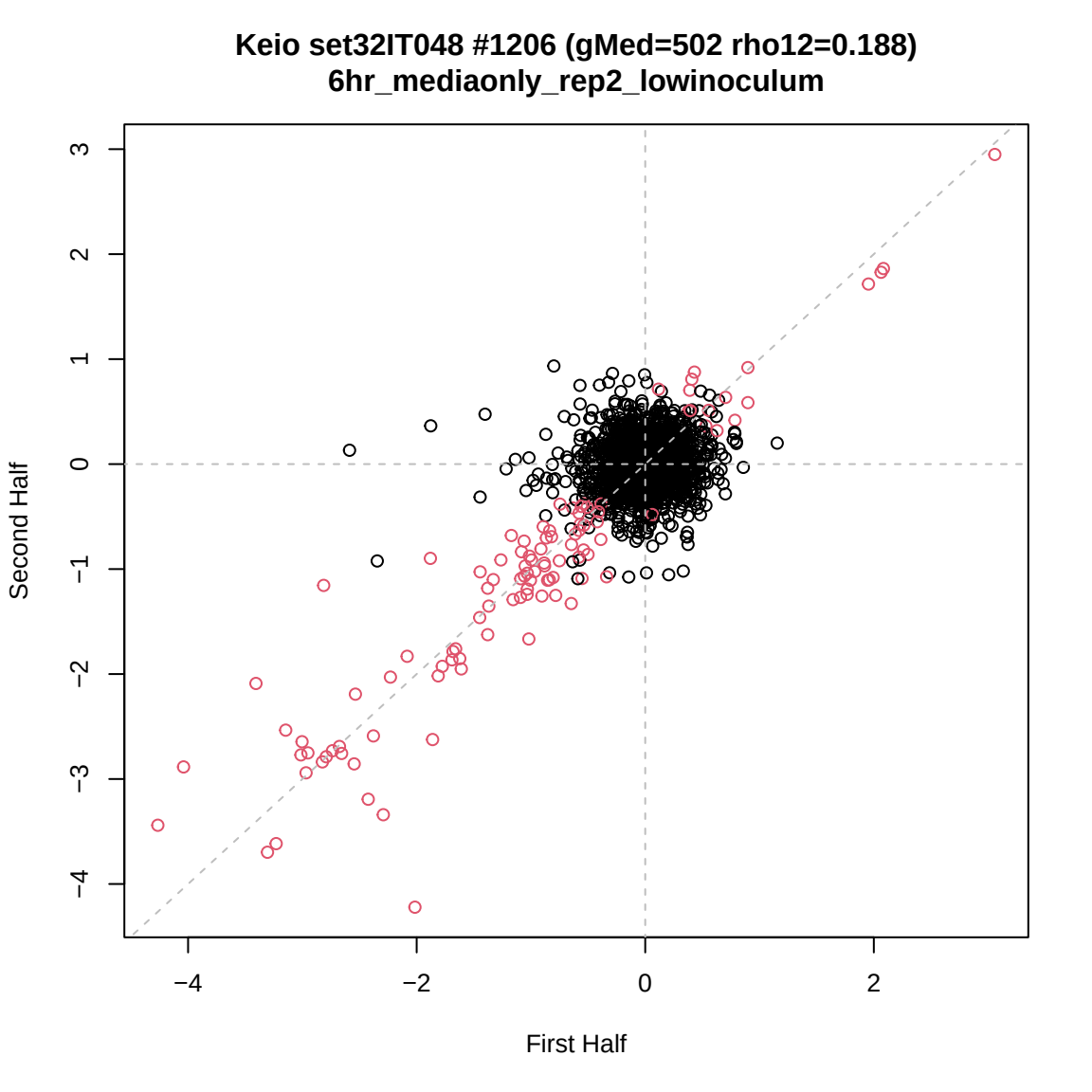

Keio set32IT043 #1201 (gMed=380 rho12=0.122)
3hr_mediaonly_rep1_lowinoculum
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

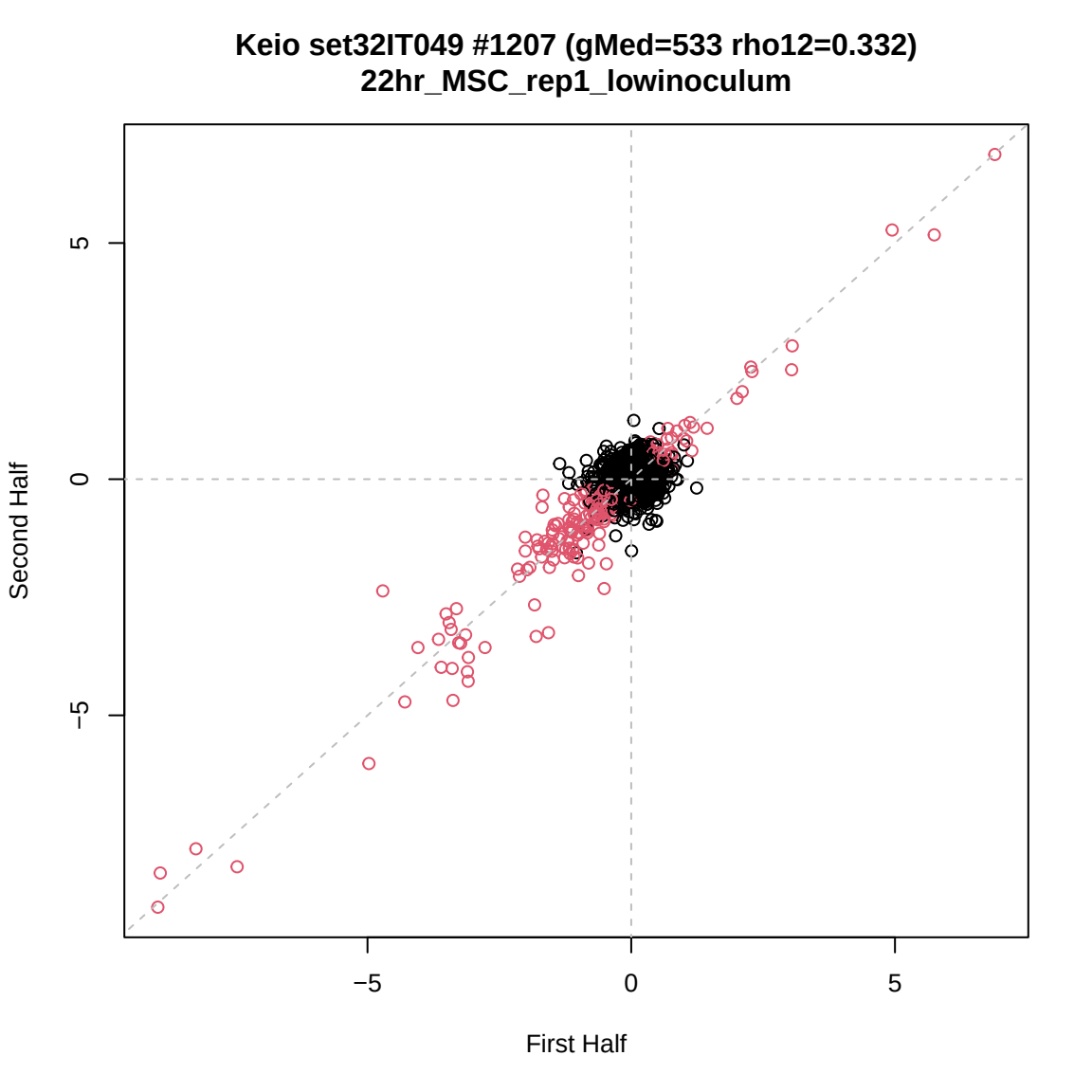

Keio set32IT044 #1202 (gMed=393 rho12=0.117)
3hr_mediaonly_rep2_lowinoculum
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1

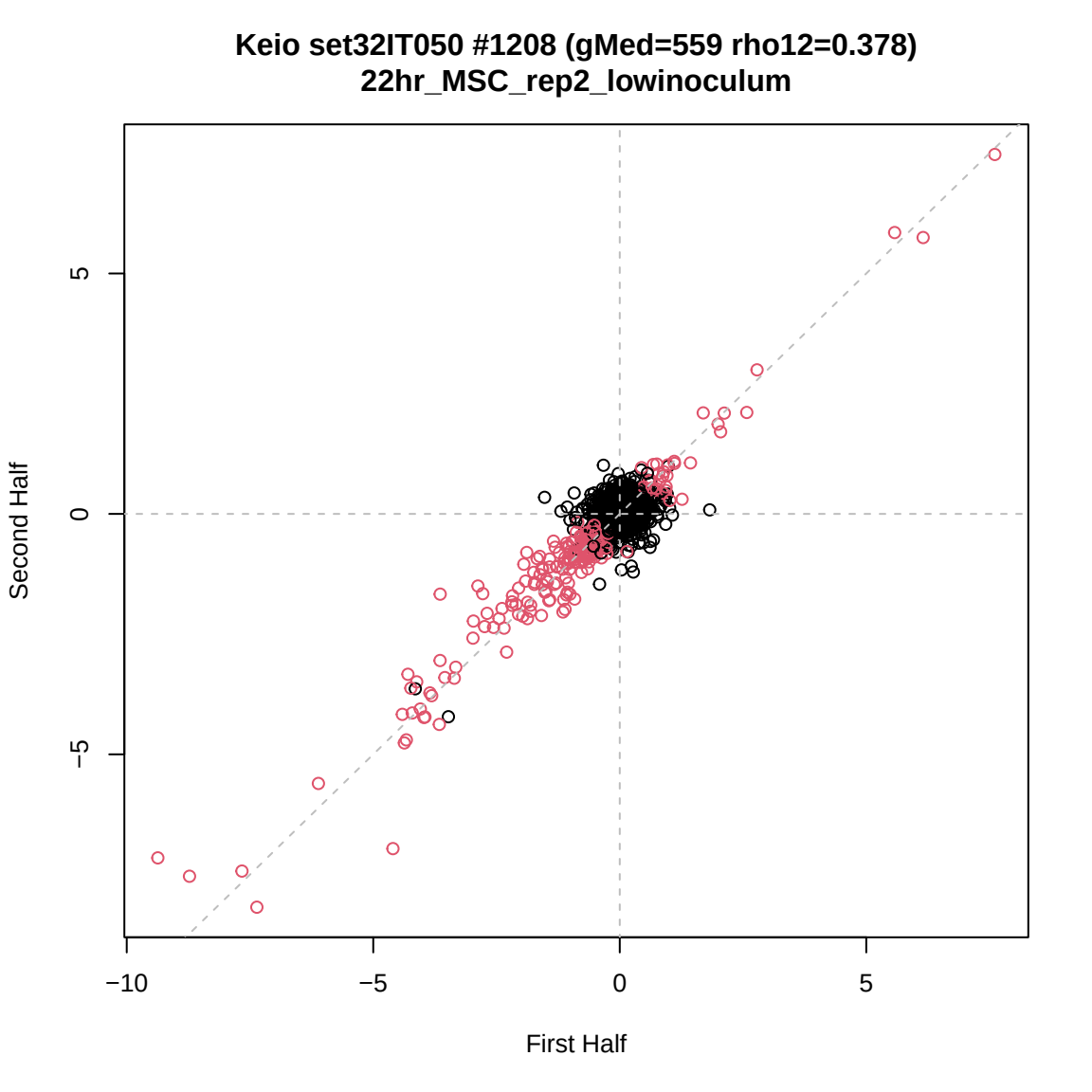

Keio set32IT045 #1203 (gMed=428 rho12=0.200)
6hr_MSC_rep1_lowinoculum
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

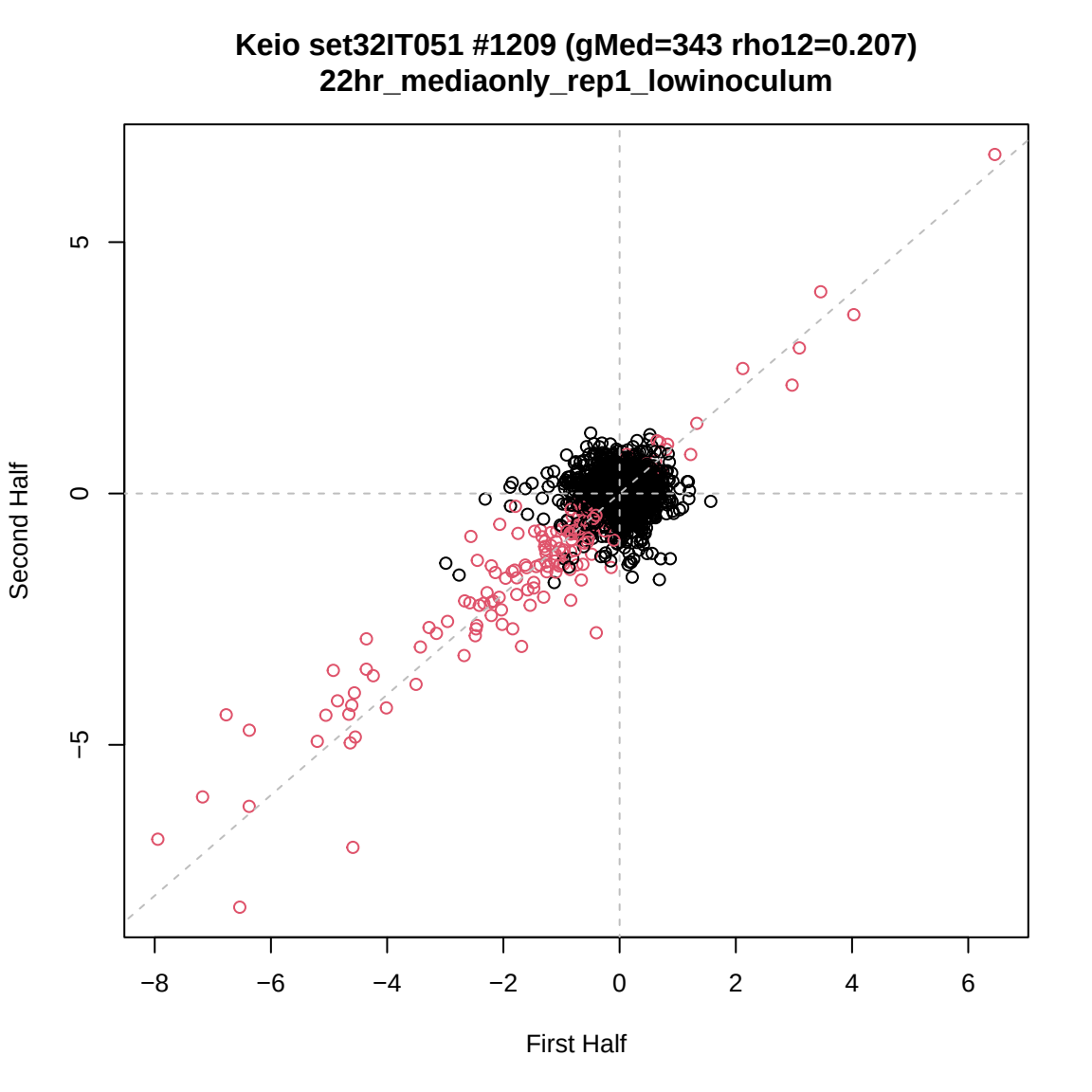

Keio set32IT046 #1204 (gMed=474 rho12=0.183)
6hr_MSC_rep2_lowinoculum
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

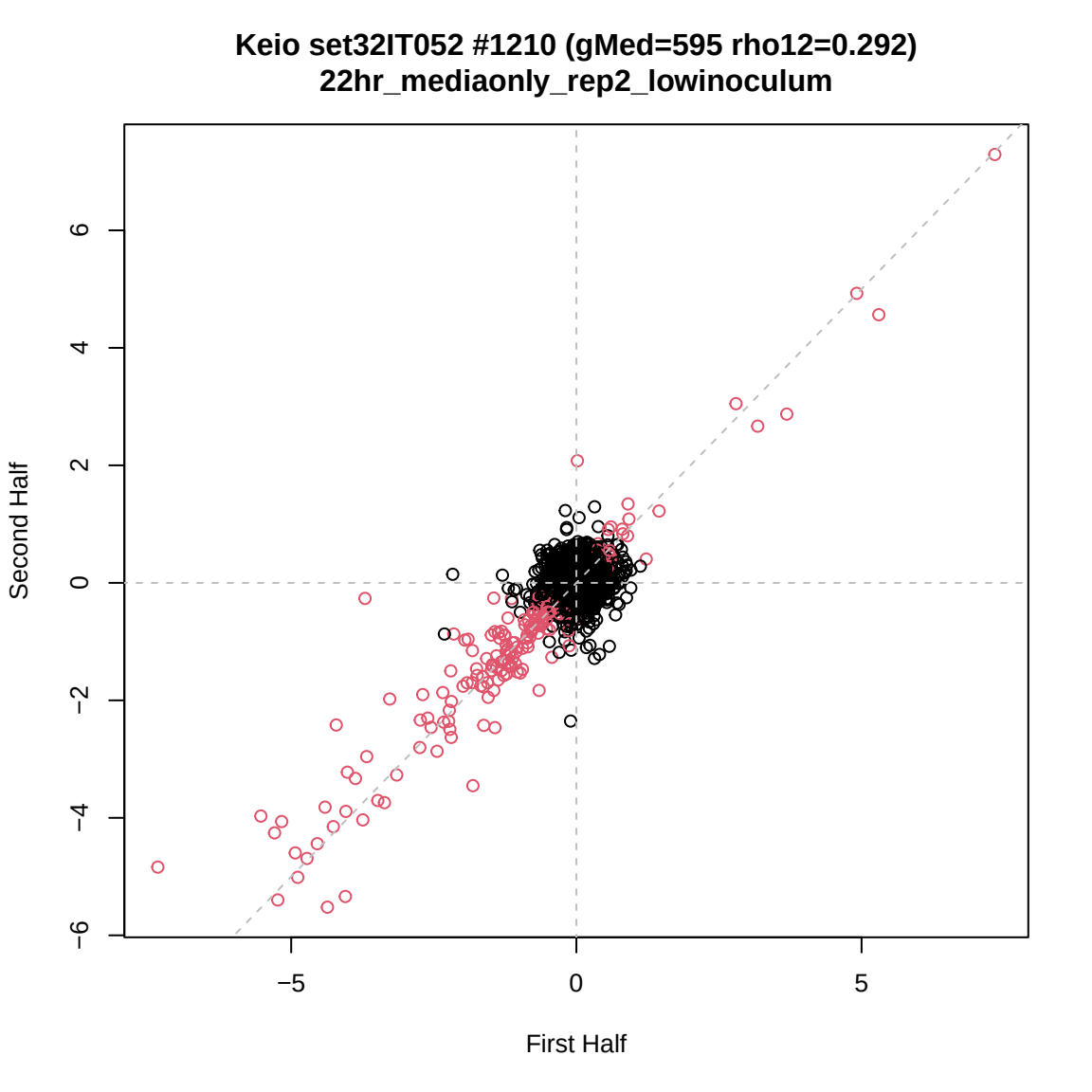

Keio set32IT047 #1205 (gMed=507 rho12=0.187)
6hr_mediaonly_rep1_lowinoculum
Second Half
First Half
2
0
−2
−4
−6
−8
−4
−2
0
2

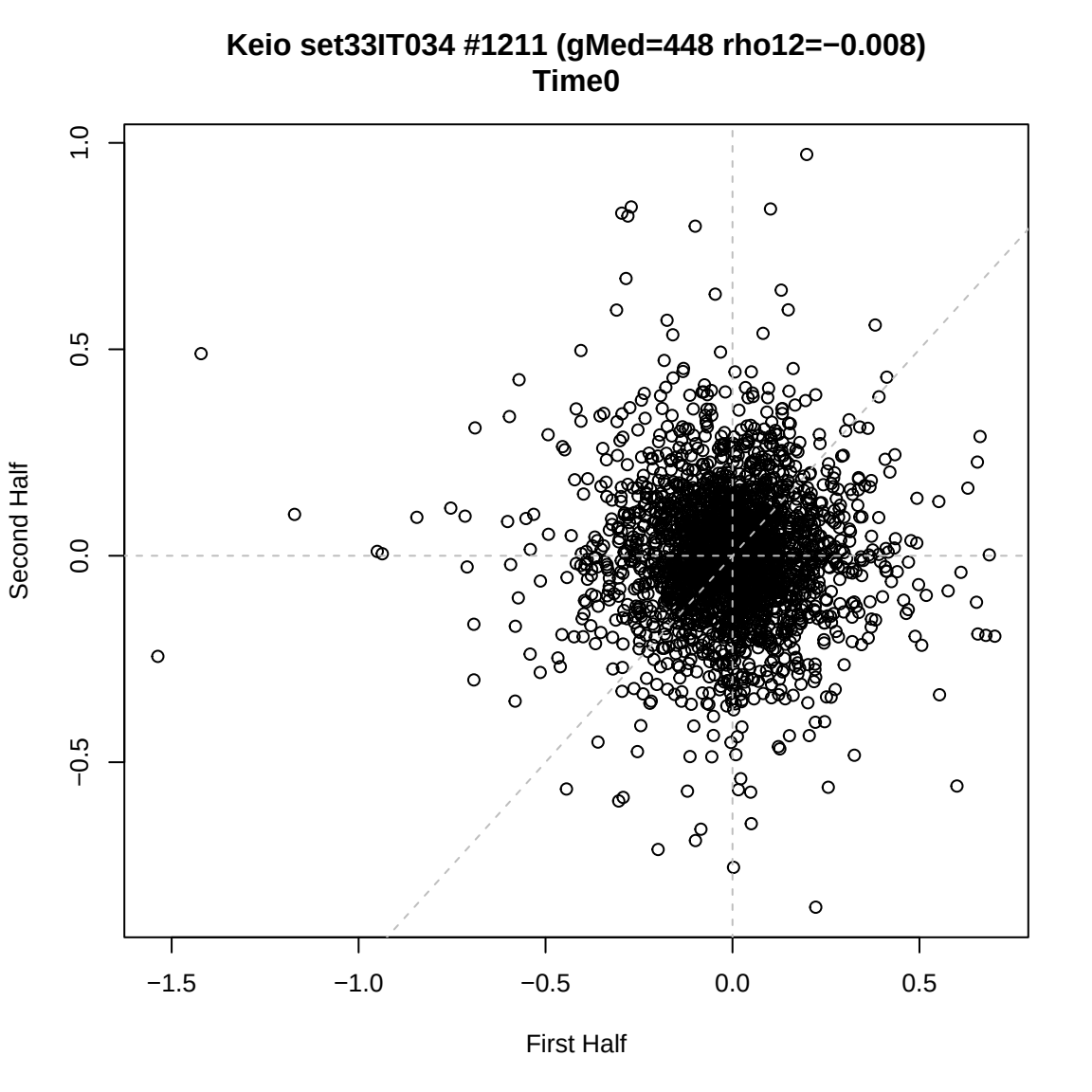

Keio set32IT048 #1206 (gMed=502 rho12=0.188)
6hr_mediaonly_rep2_lowinoculum
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2

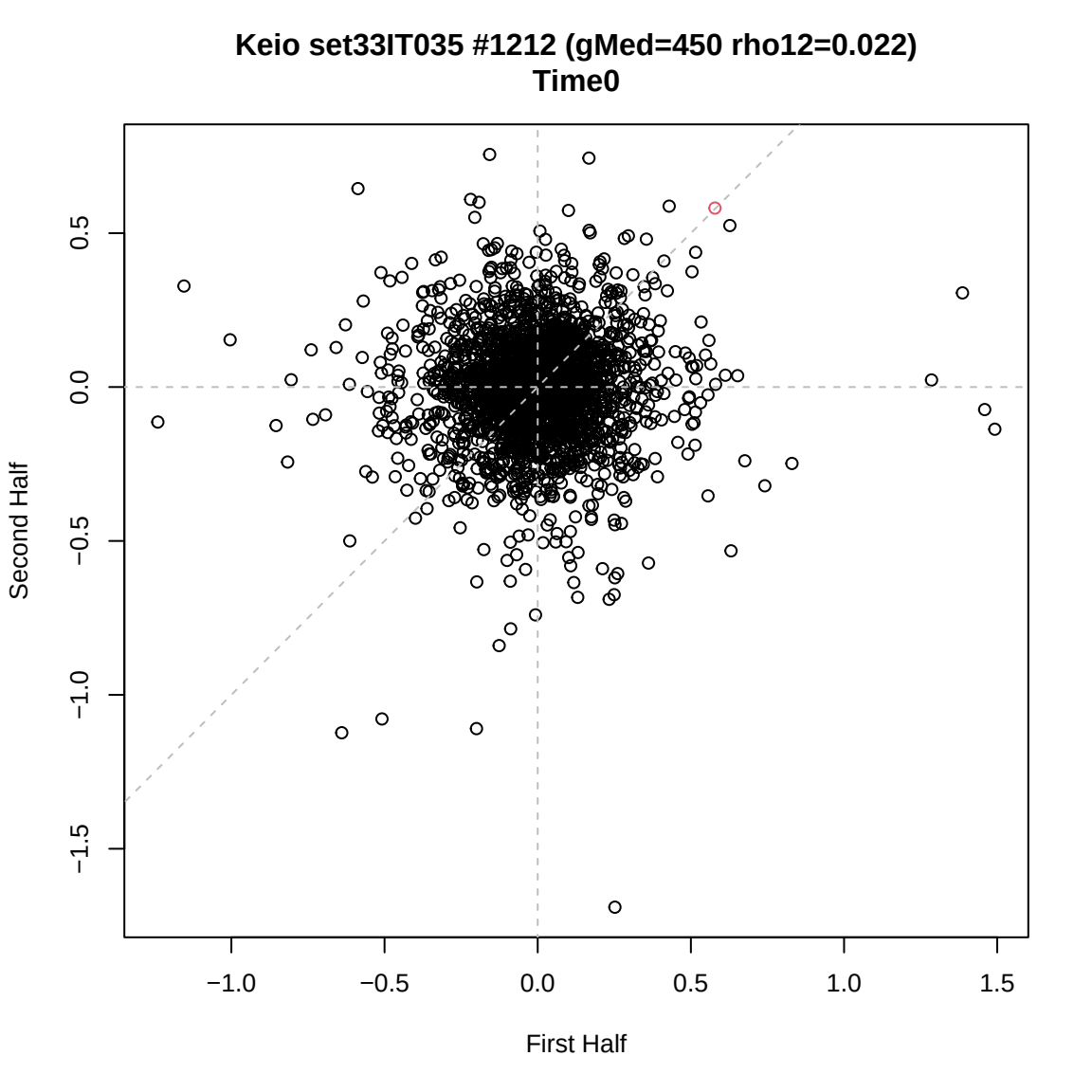

Keio set32IT049 #1207 (gMed=533 rho12=0.332)
22hr_MSC_rep1_lowinoculum
Second Half
First Half
5
0
−5
−5
0
5

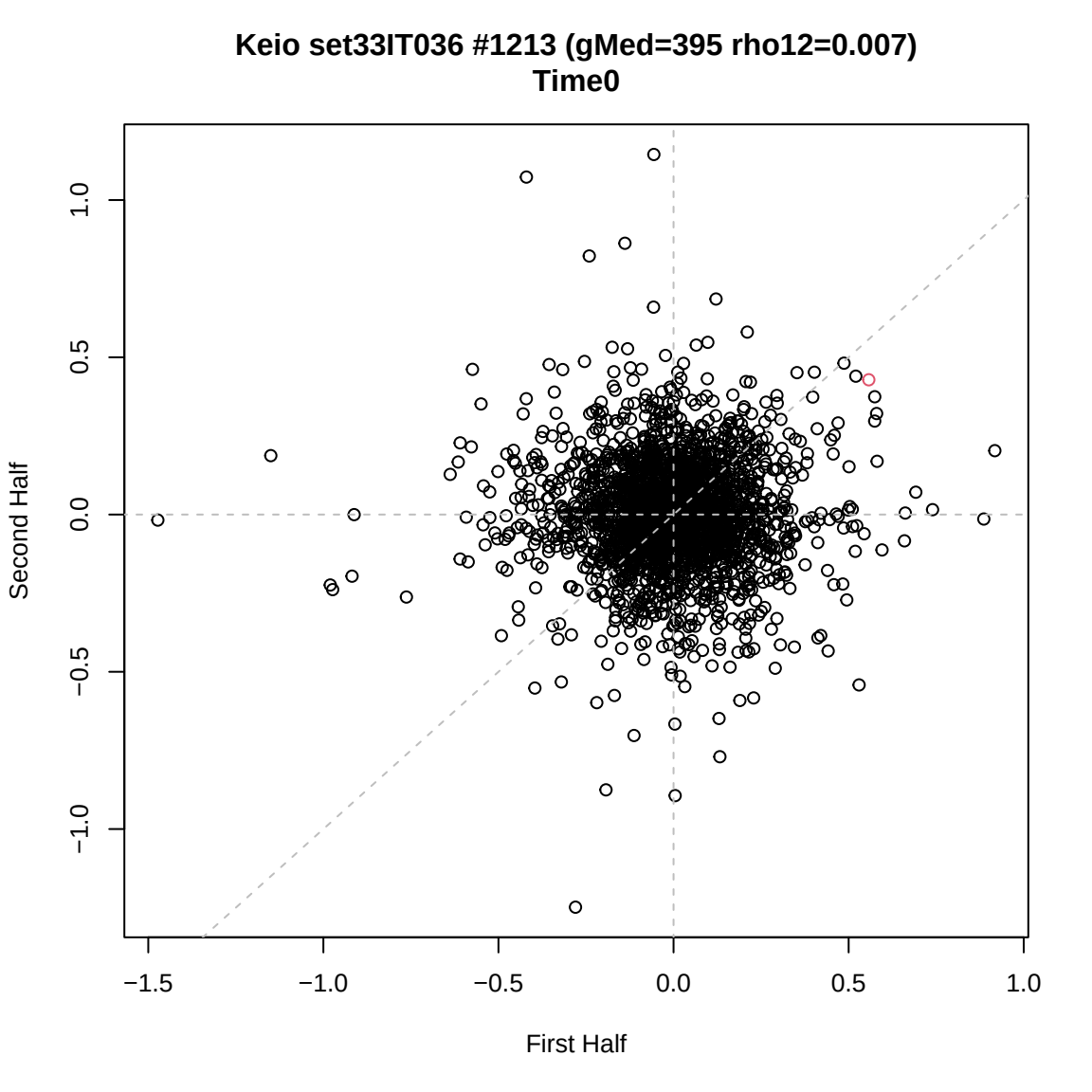

Keio set32IT050 #1208 (gMed=559 rho12=0.378)
22hr_MSC_rep2_lowinoculum
Second Half
First Half
5
0
−5
−10
−5
0
5

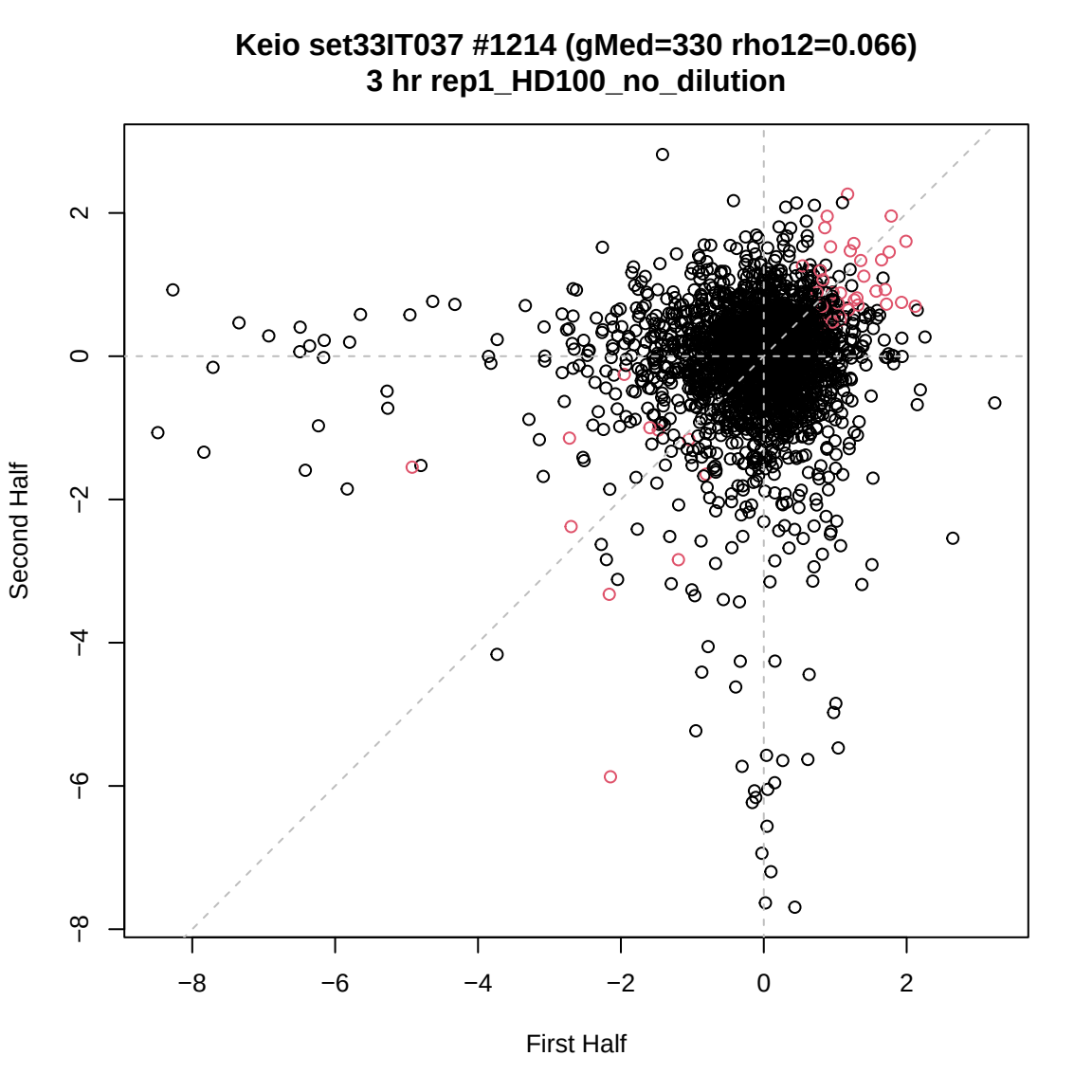

Keio set32IT051 #1209 (gMed=343 rho12=0.207)
22hr_mediaonly_rep1_lowinoculum
Second Half
First Half
5
0
−5
−8
−6
−4
−2
0
2
4
6

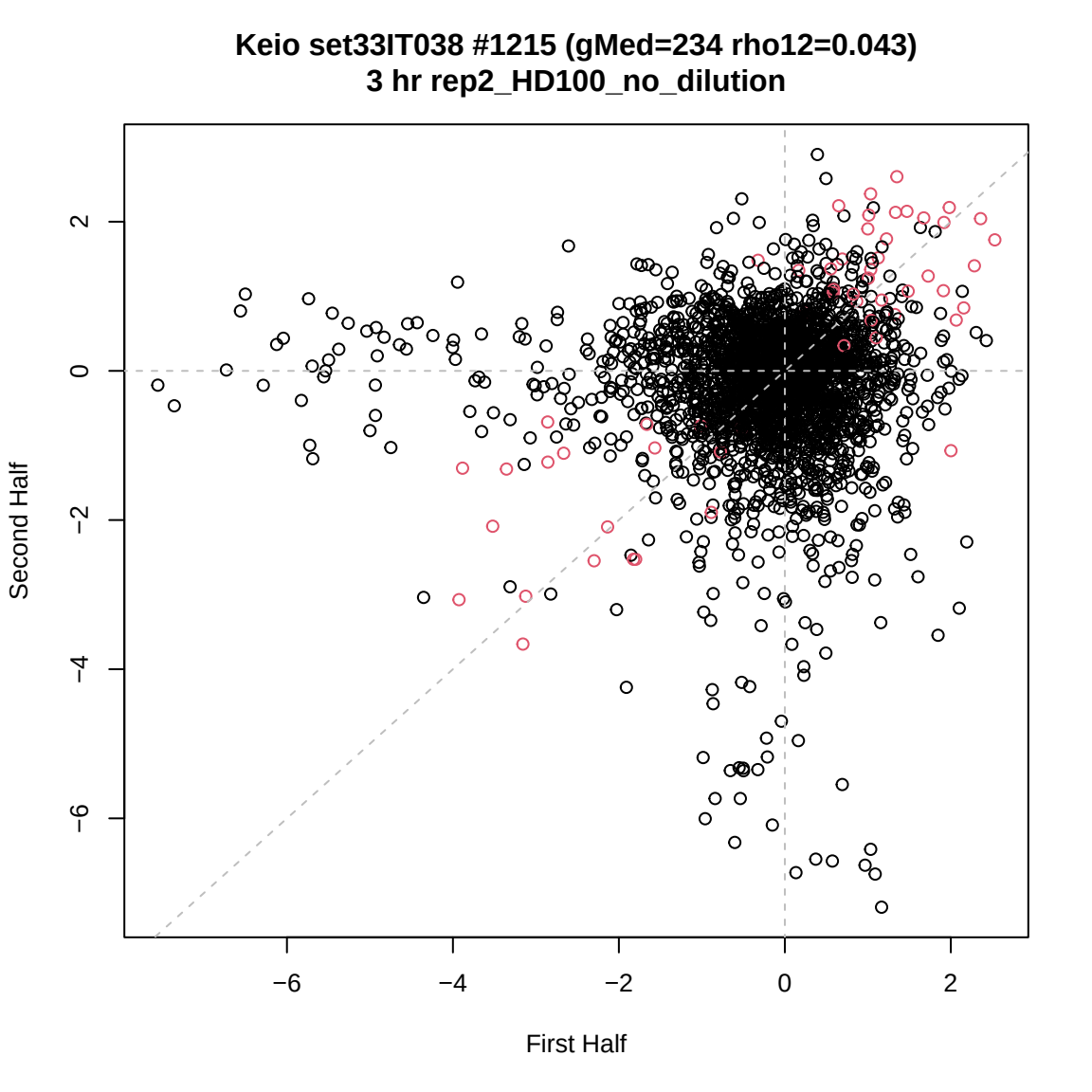

Keio set32IT052 #1210 (gMed=595 rho12=0.292)
22hr_mediaonly_rep2_lowinoculum
Second Half
First Half
6
4
2
0
−2
−4
−6
−5
0
5

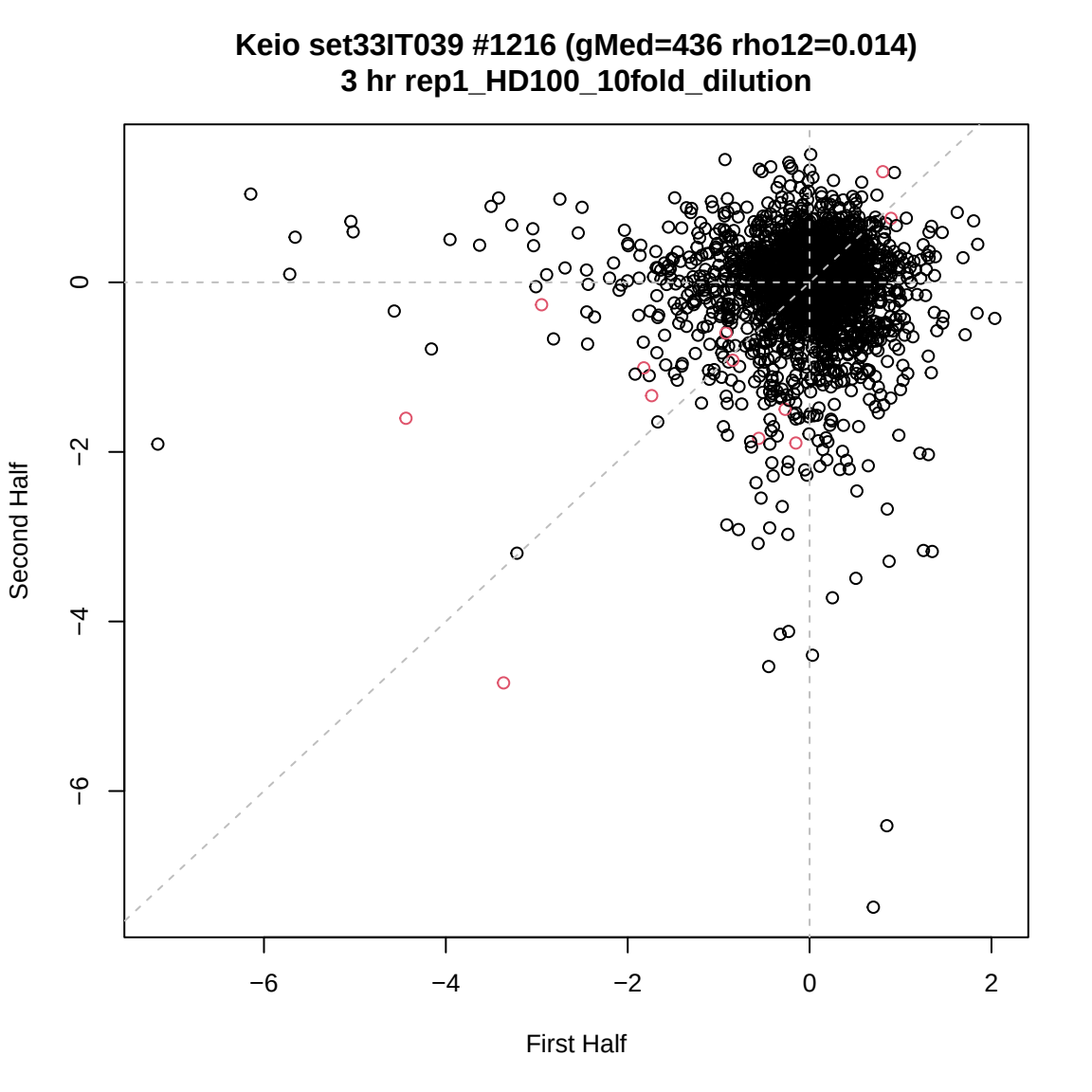

Keio set33IT034 #1211 (gMed=448 rho12=−0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5

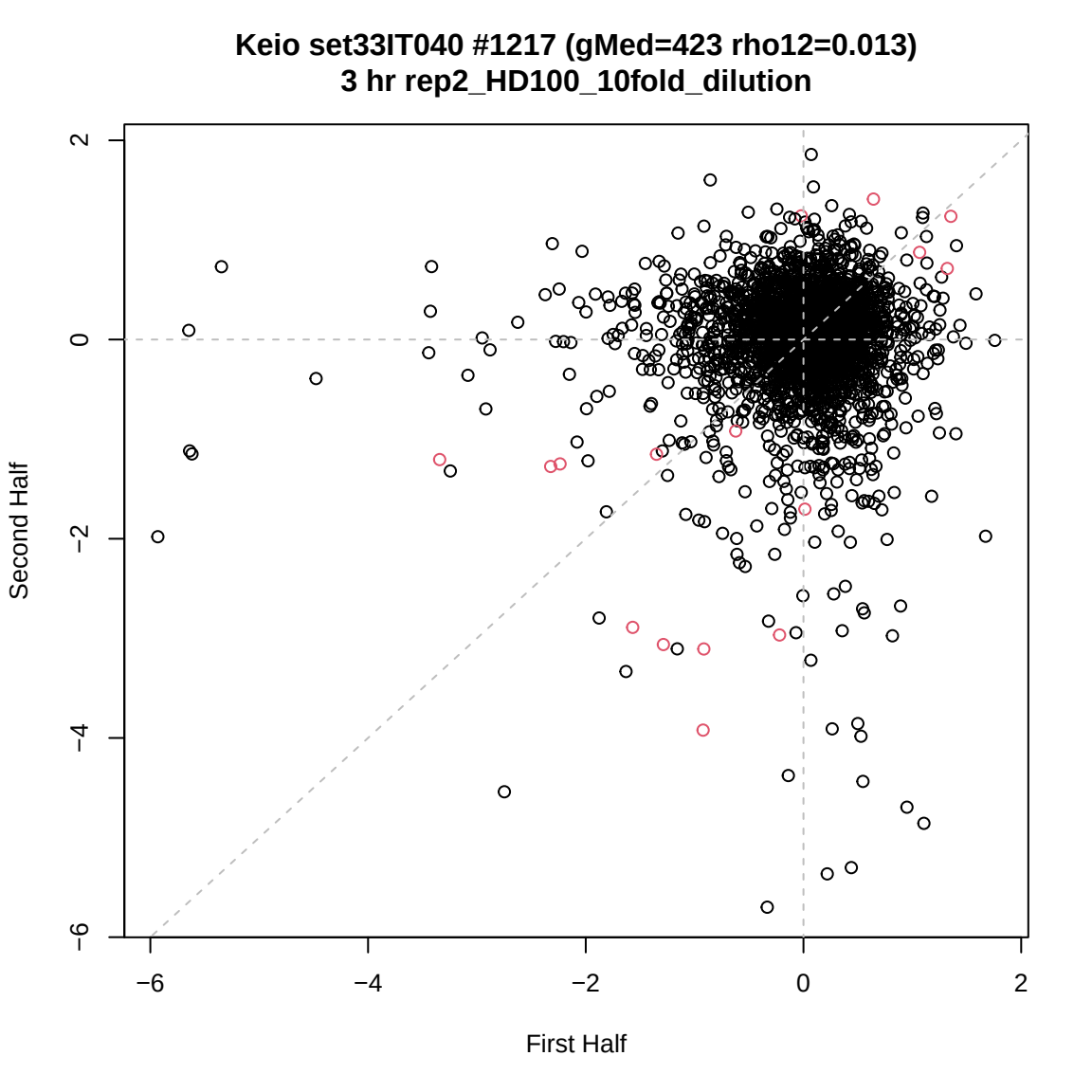

Keio set33IT035 #1212 (gMed=450 rho12=0.022)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

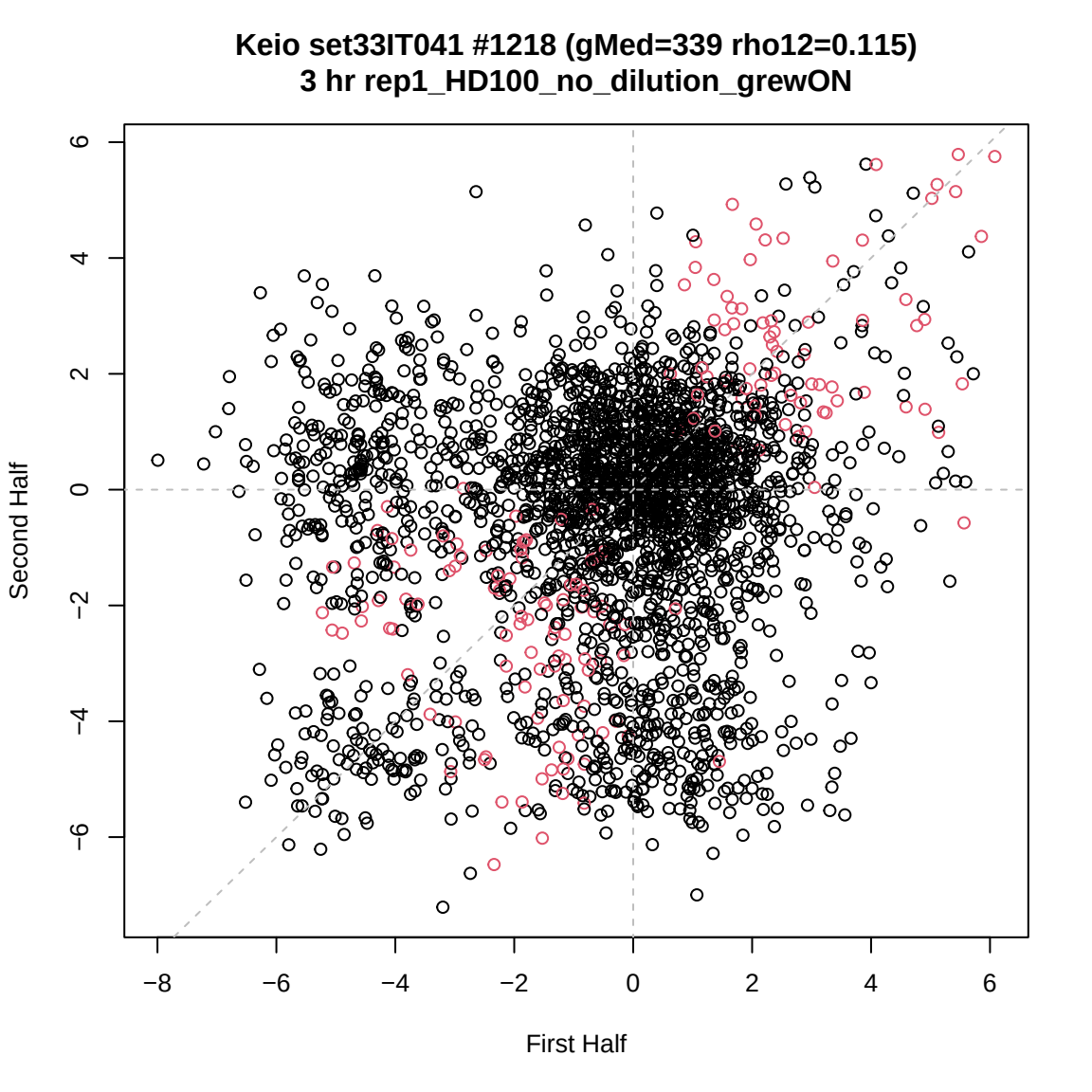

Keio set33IT036 #1213 (gMed=395 rho12=0.007)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

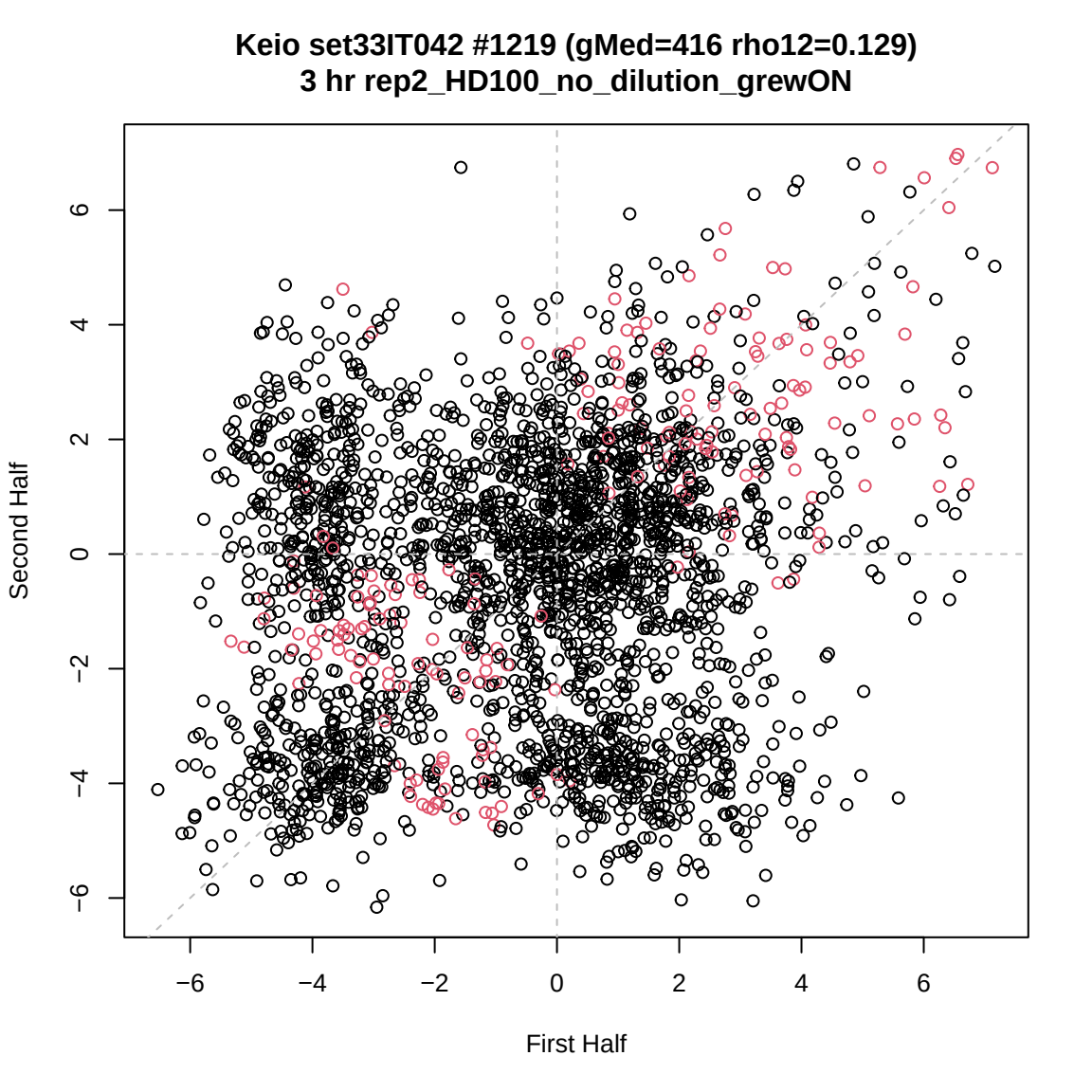

Keio set33IT037 #1214 (gMed=330 rho12=0.066)
3 hr rep1_HD100_no_dilution
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

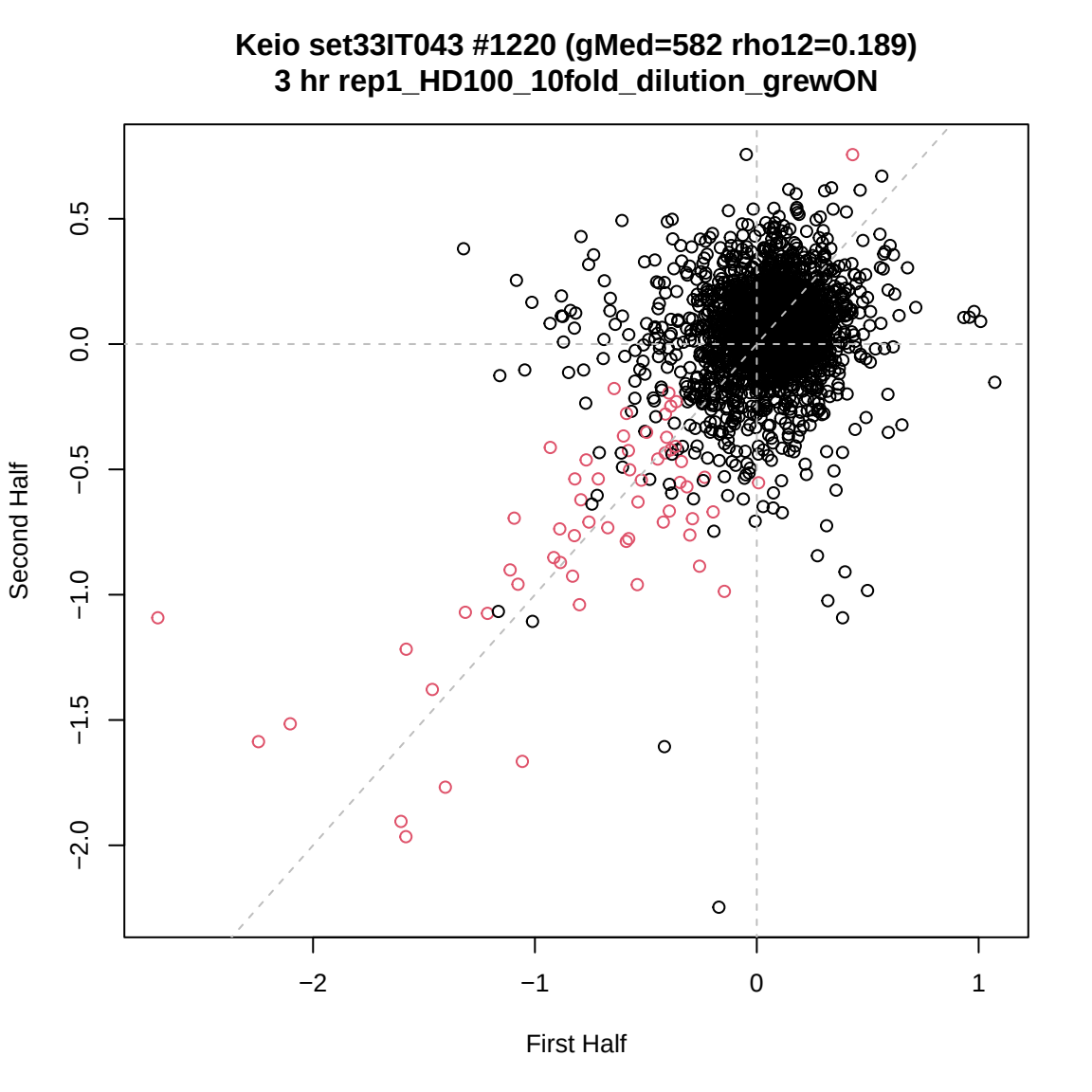

Keio set33IT038 #1215 (gMed=234 rho12=0.043)
3 hr rep2_HD100_no_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

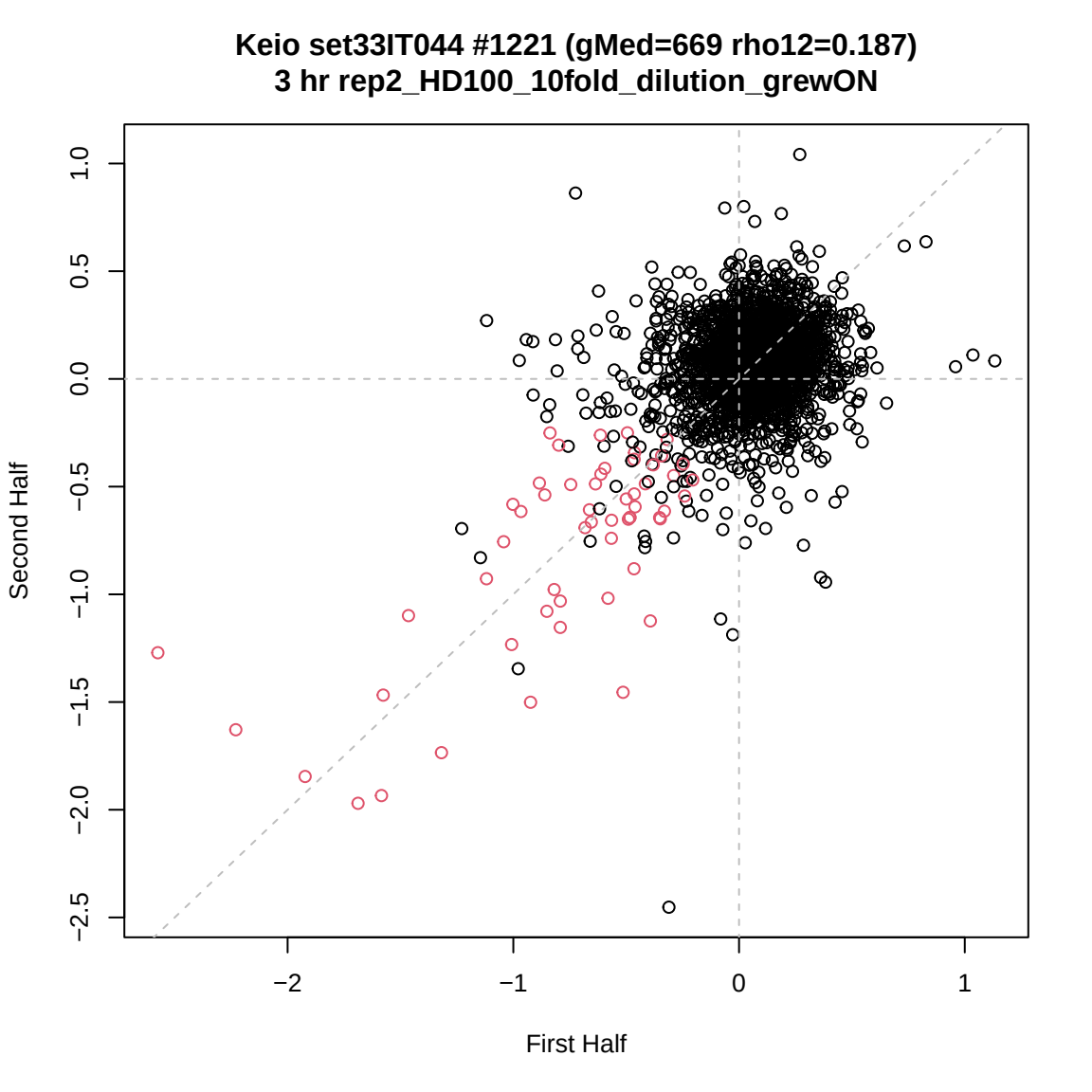

Keio set33IT039 #1216 (gMed=436 rho12=0.014)
3 hr rep1_HD100_10fold_dilution
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0
2

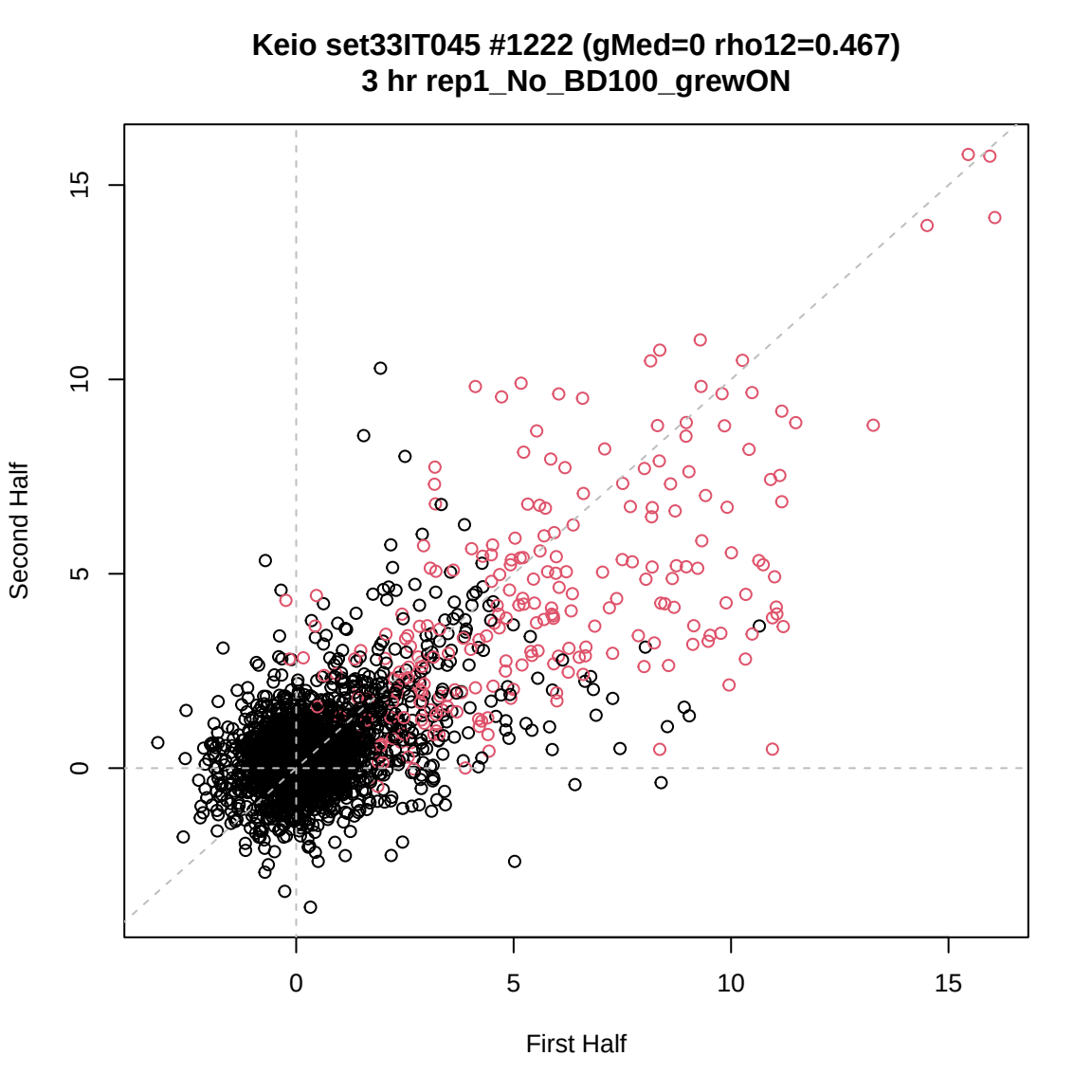

Keio set33IT040 #1217 (gMed=423 rho12=0.013)
3 hr rep2_HD100_10fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

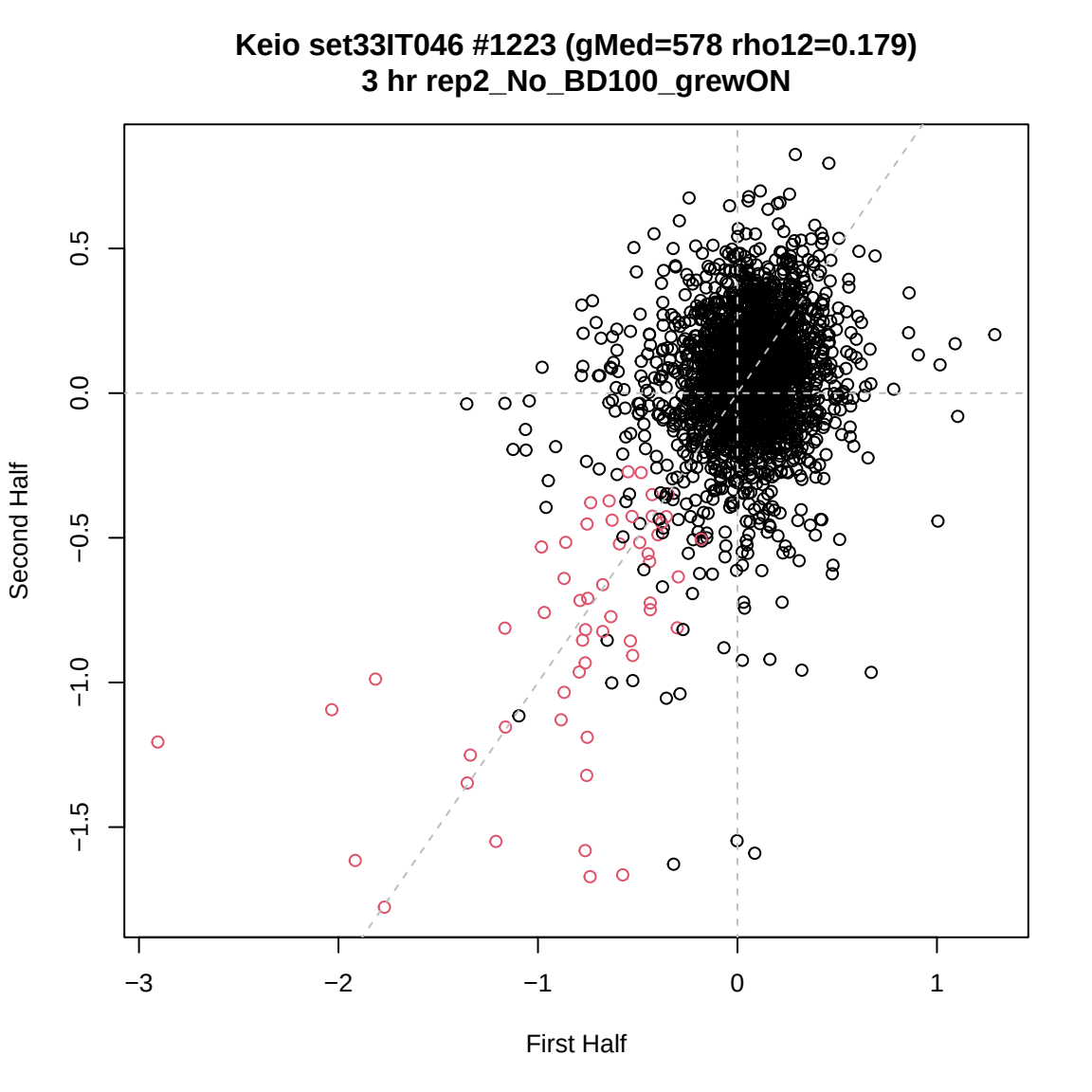

Keio set33IT041 #1218 (gMed=339 rho12=0.115)
3 hr rep1_HD100_no_dilution_grewON
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4
6

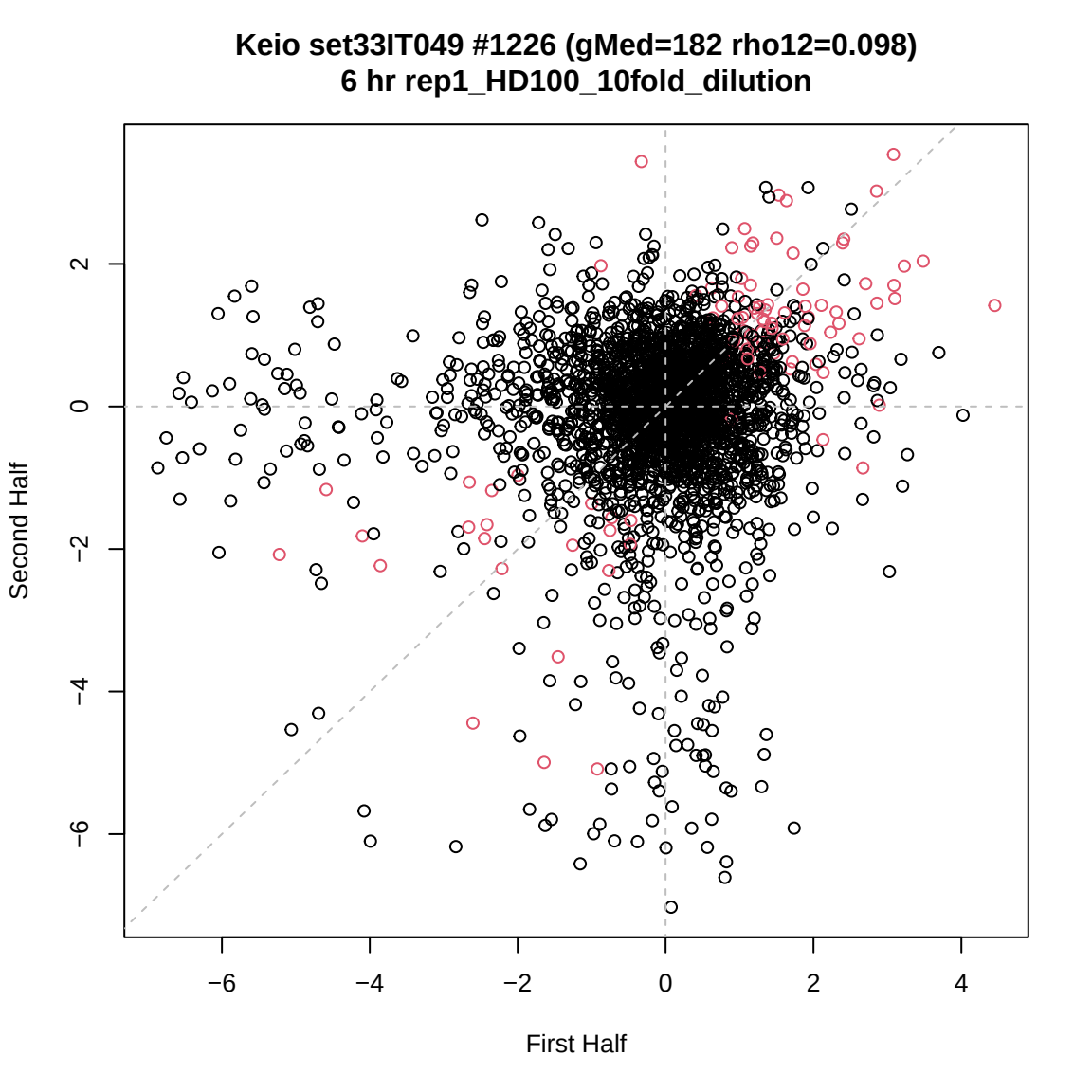

Keio set33IT042 #1219 (gMed=416 rho12=0.129)
3 hr rep2_HD100_no_dilution_grewON
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

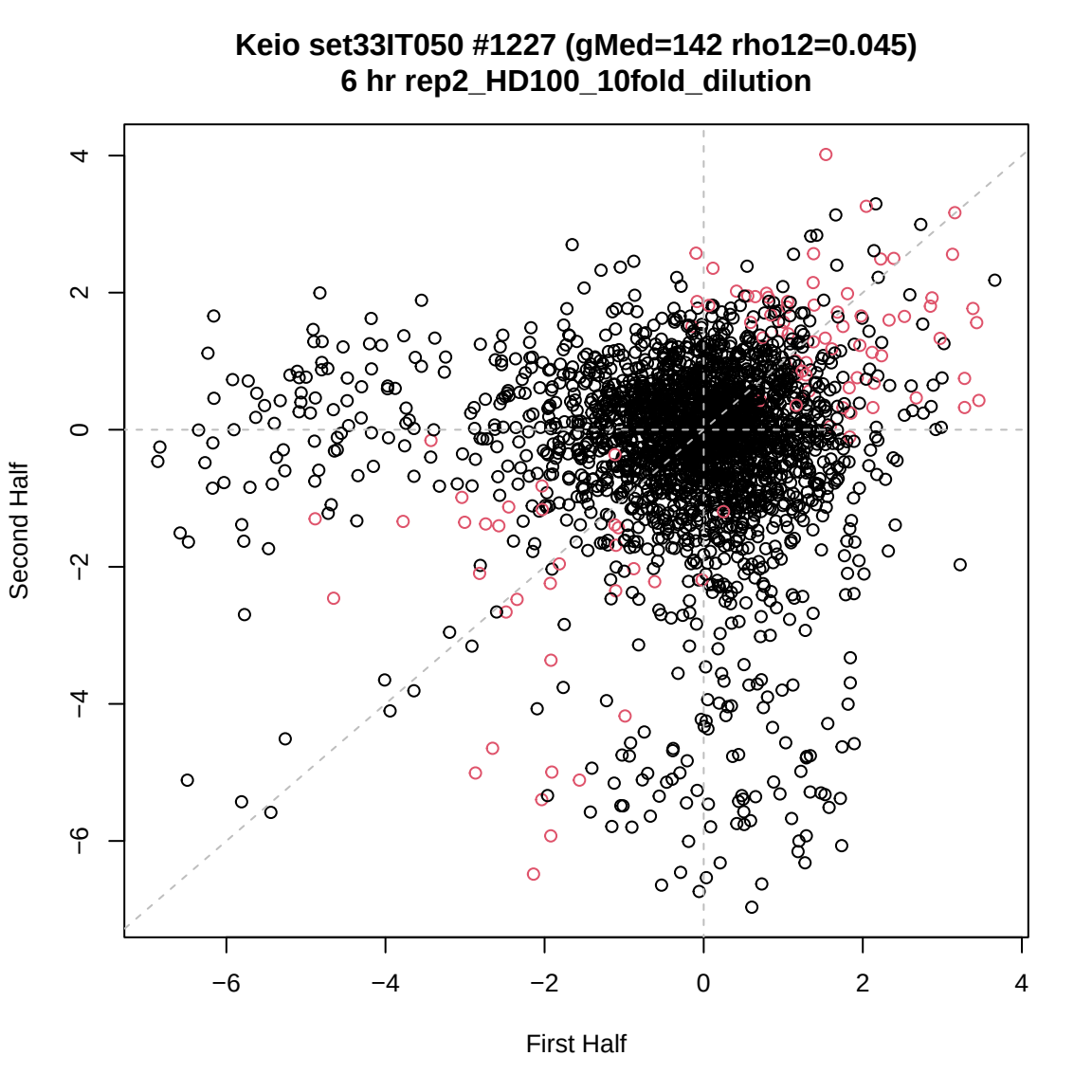

Keio set33IT043 #1220 (gMed=582 rho12=0.189)
3 hr rep1_HD100_10fold_dilution_grewON
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

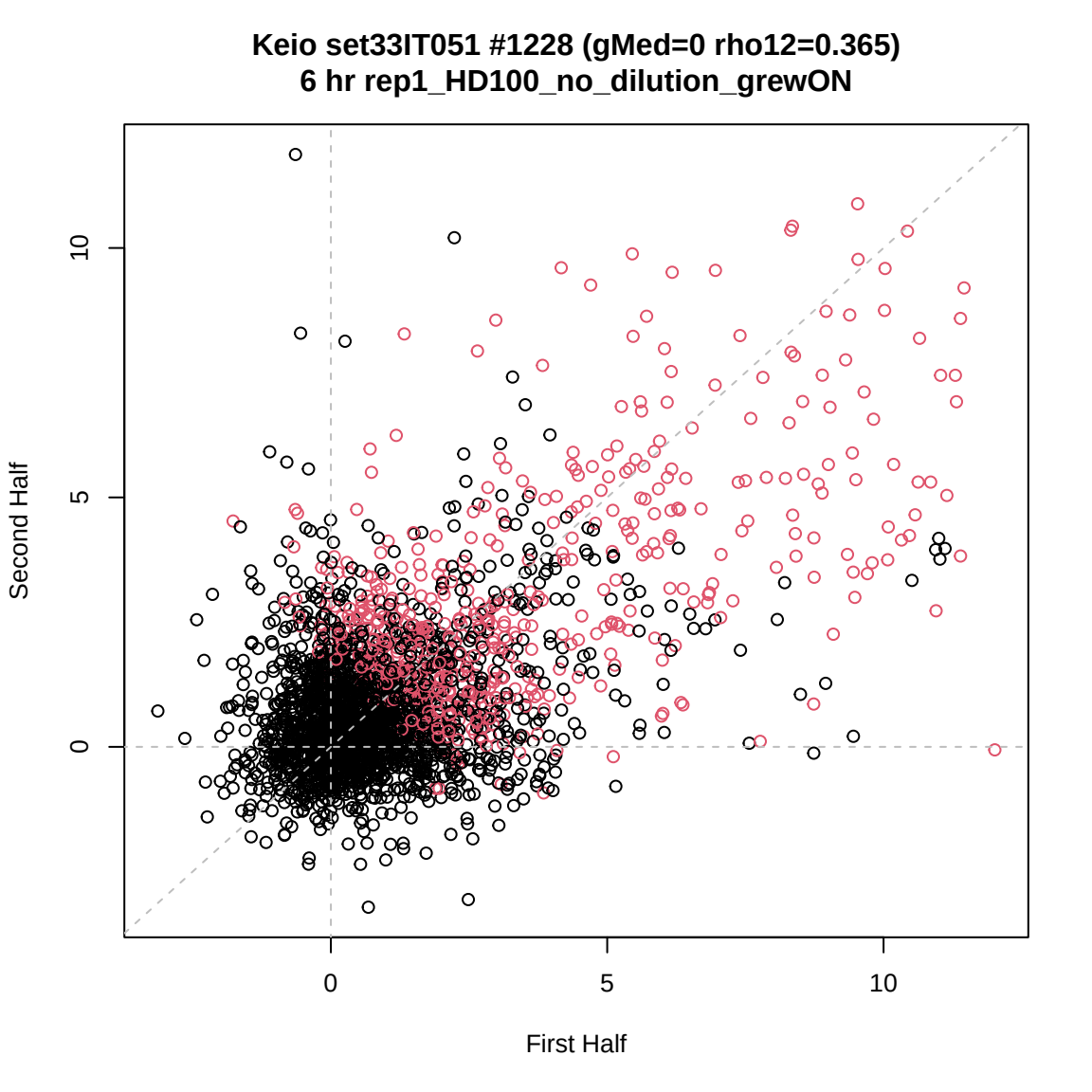

Keio set33IT044 #1221 (gMed=669 rho12=0.187)
3 hr rep2_HD100_10fold_dilution_grewON
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2
−1
0
1

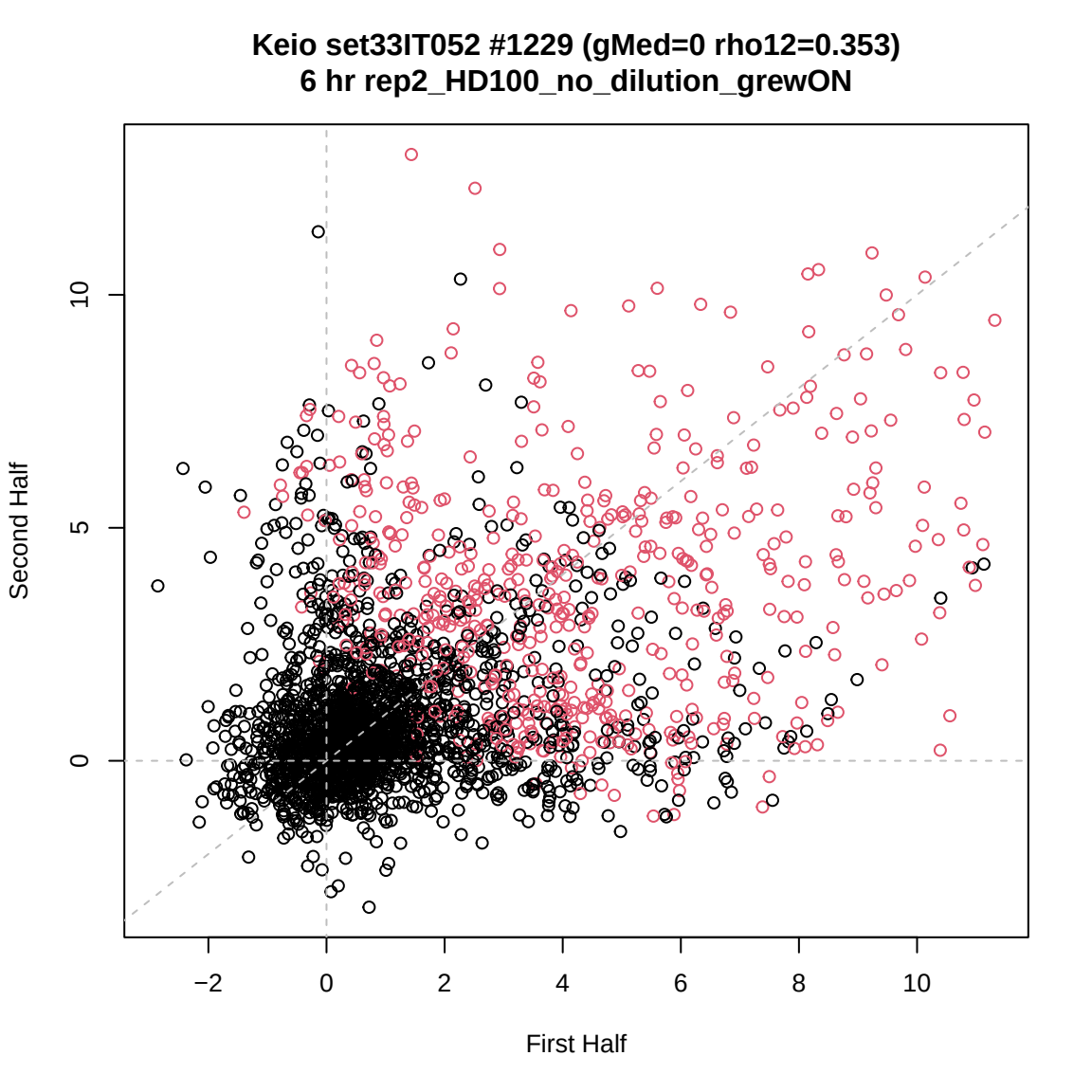

Keio set33IT045 #1222 (gMed=0 rho12=0.467)
3 hr rep1_No_BD100_grewON
Second Half
First Half
0
5
10
15

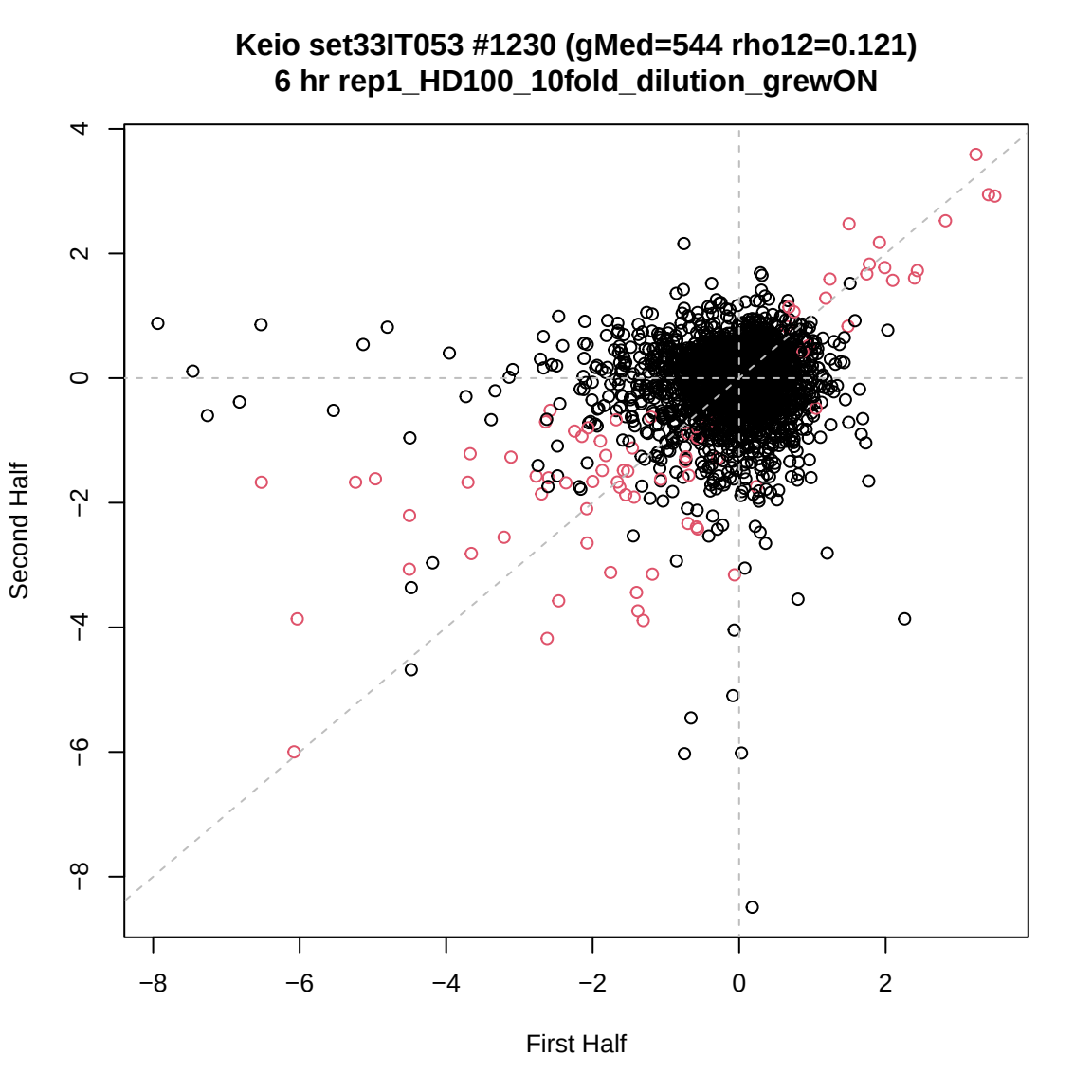

Keio set33IT046 #1223 (gMed=578 rho12=0.179)
3 hr rep2_No_BD100_grewON
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

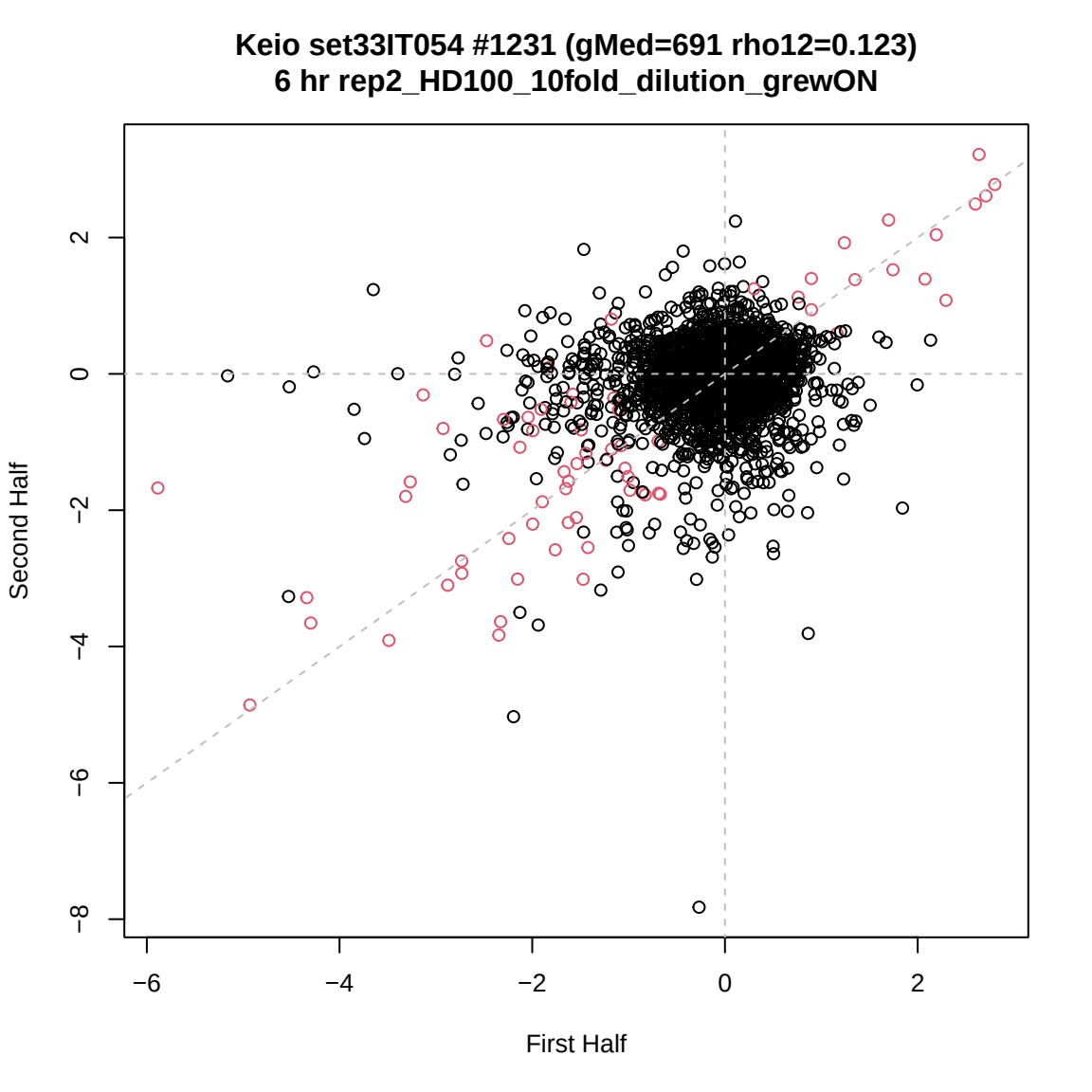

Keio set33IT049 #1226 (gMed=182 rho12=0.098)
6 hr rep1_HD100_10fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2
4

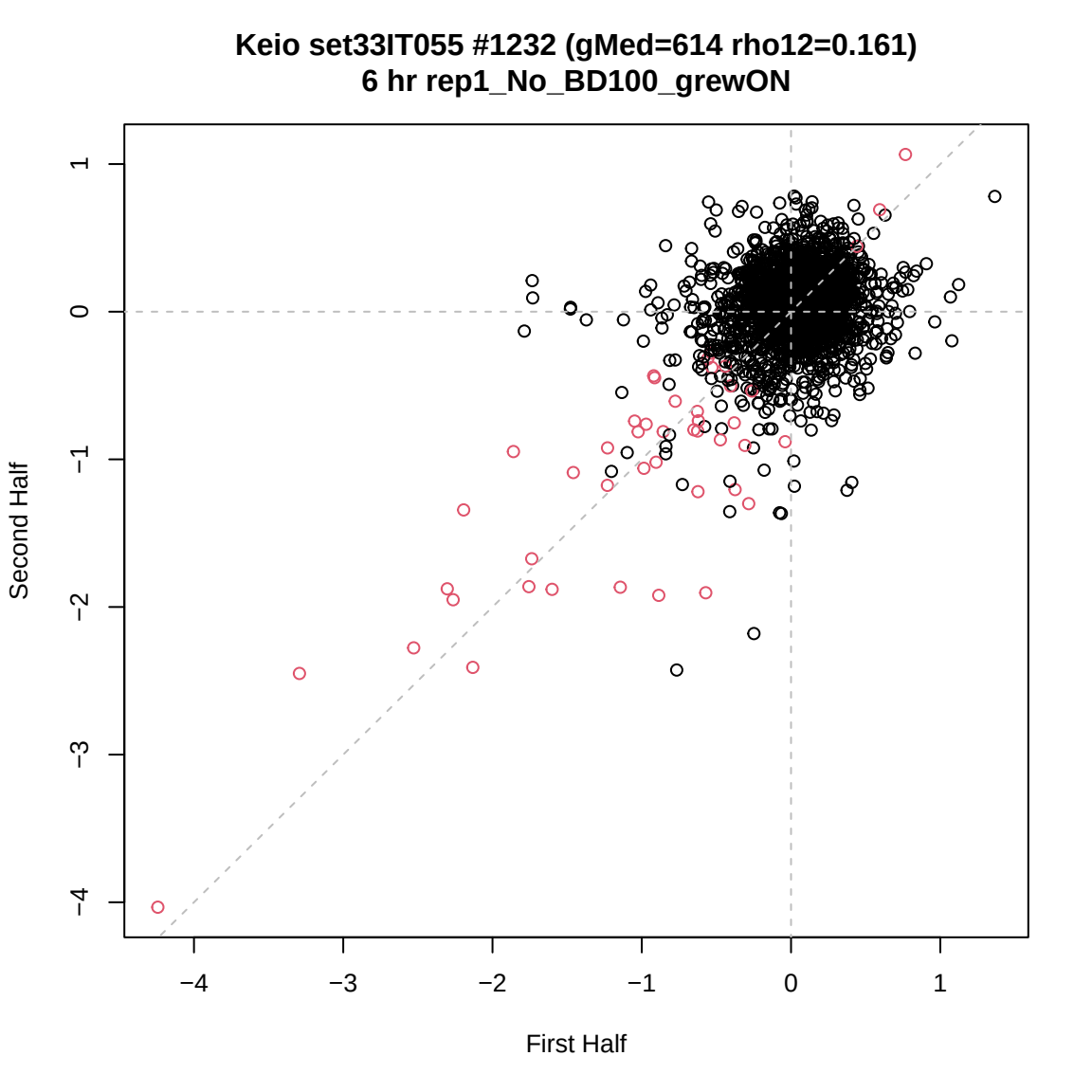

Keio set33IT050 #1227 (gMed=142 rho12=0.045)
6 hr rep2_HD100_10fold_dilution
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

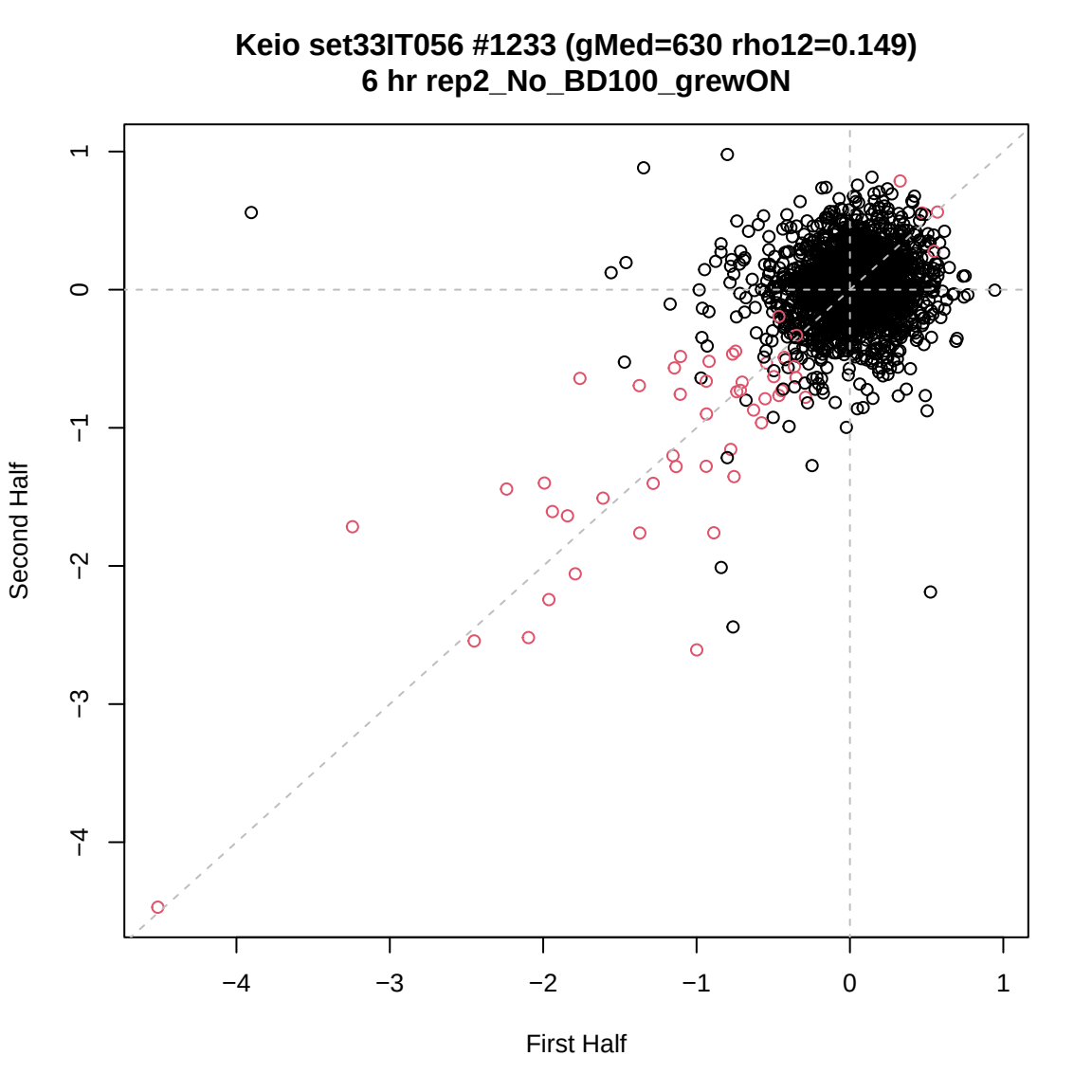

Keio set33IT051 #1228 (gMed=0 rho12=0.365)
6 hr rep1_HD100_no_dilution_grewON
Second Half
First Half
0
5
10
0
5
10

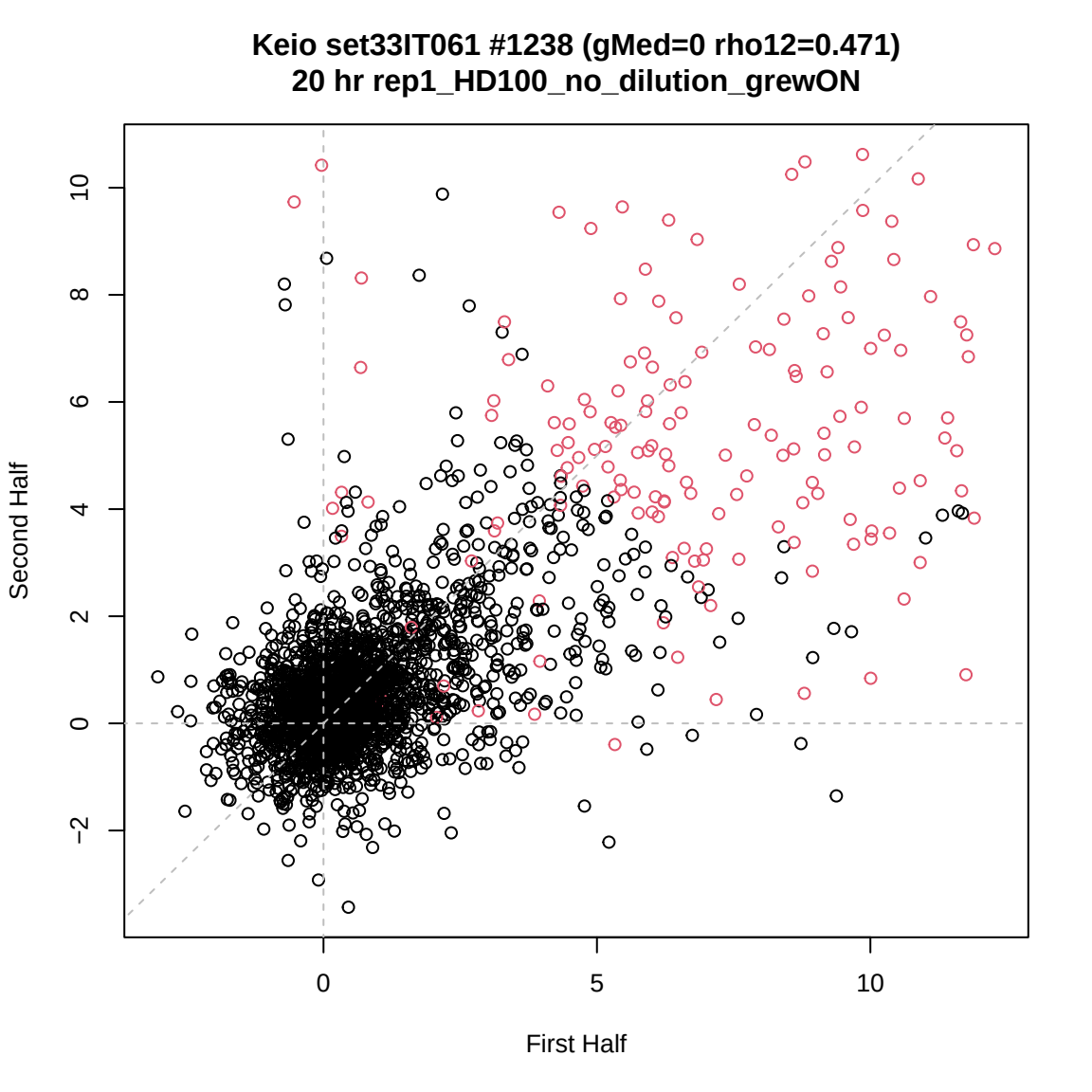

Keio set33IT052 #1229 (gMed=0 rho12=0.353)
6 hr rep2_HD100_no_dilution_grewON
Second Half
First Half
−2
0
2
4
6
8
10
0
5
10

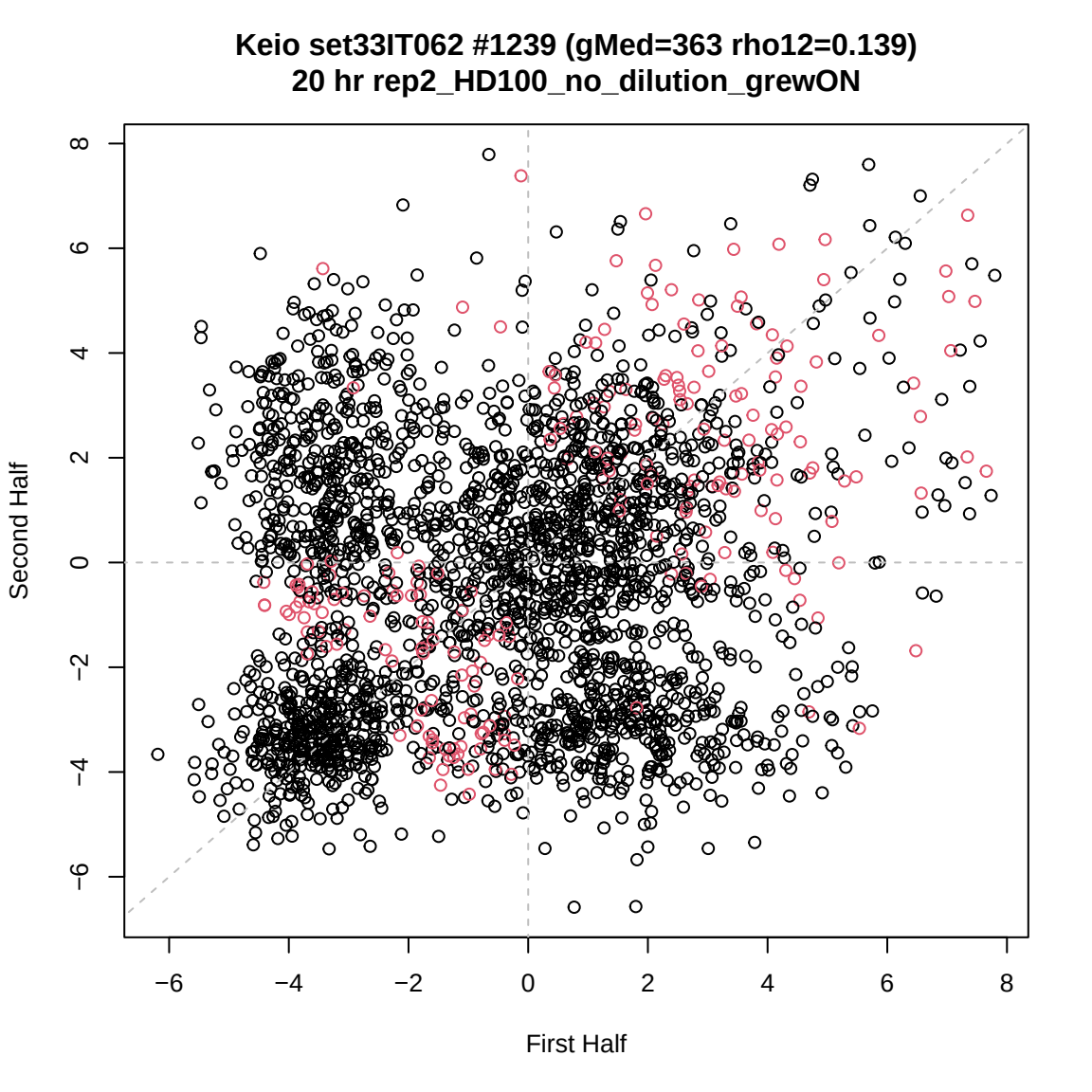

Keio set33IT053 #1230 (gMed=544 rho12=0.121)
6 hr rep1_HD100_10fold_dilution_grewON
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

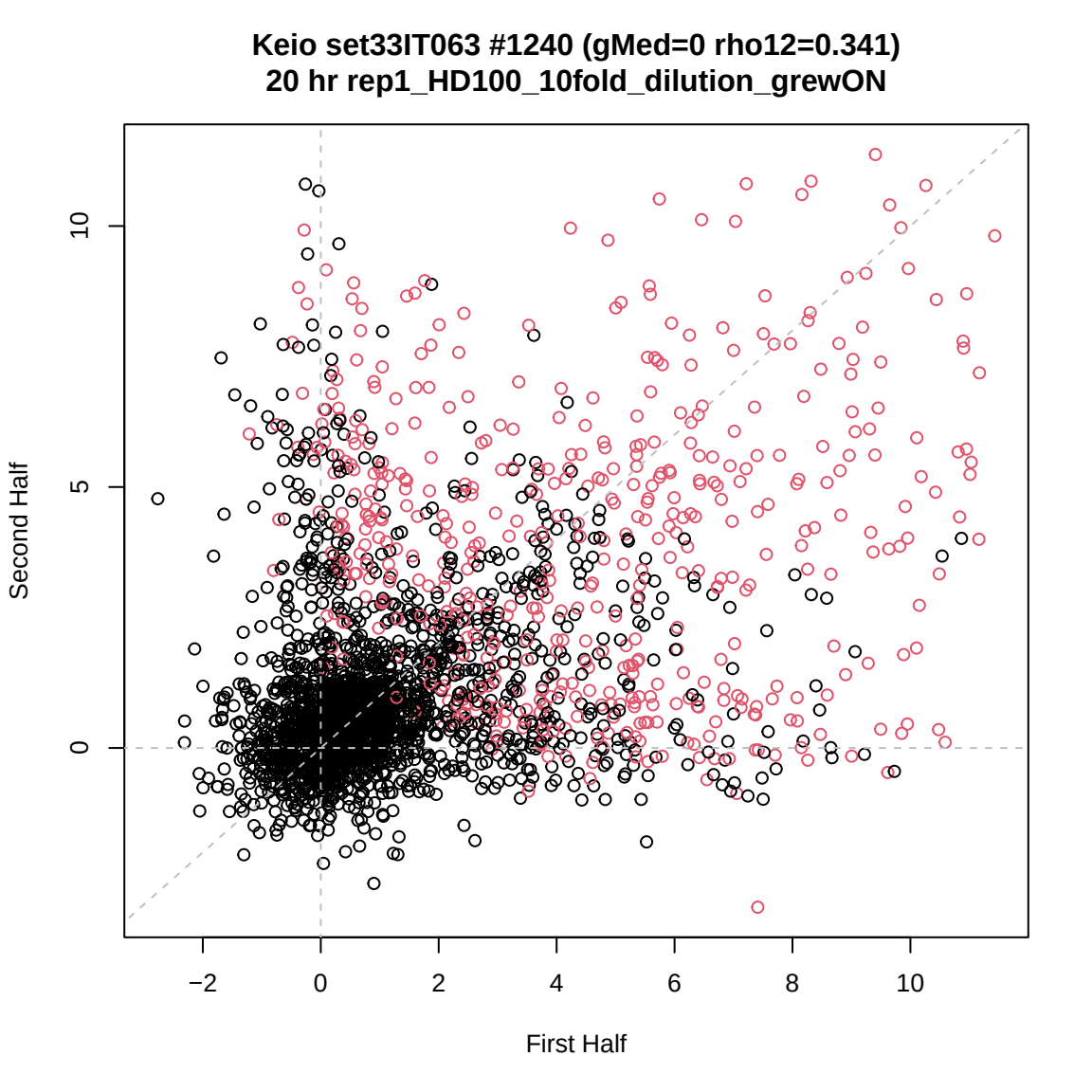

Keio set33IT054 #1231 (gMed=691 rho12=0.123)
6 hr rep2_HD100_10fold_dilution_grewON
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

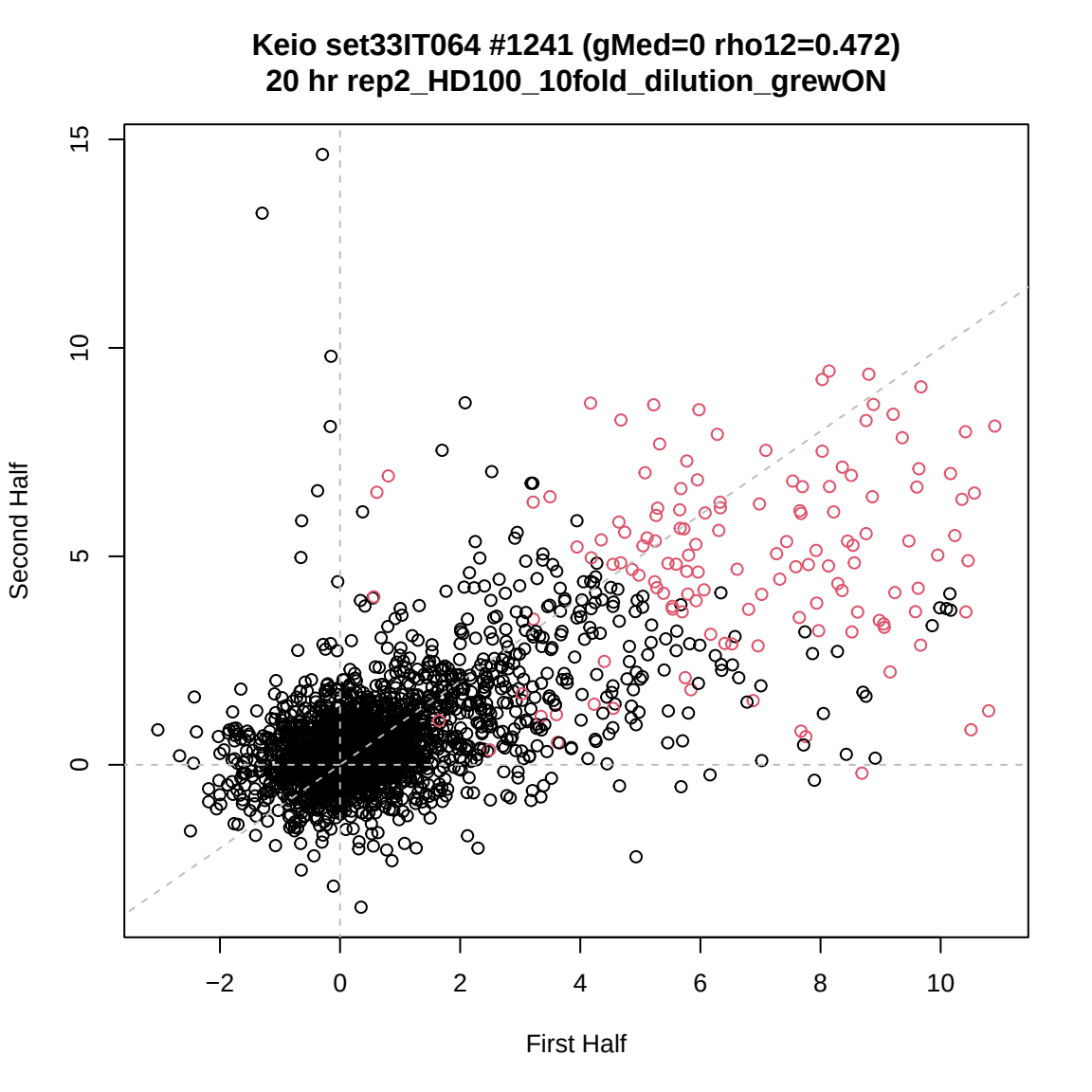

Keio set33IT055 #1232 (gMed=614 rho12=0.161)
6 hr rep1_No_BD100_grewON
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

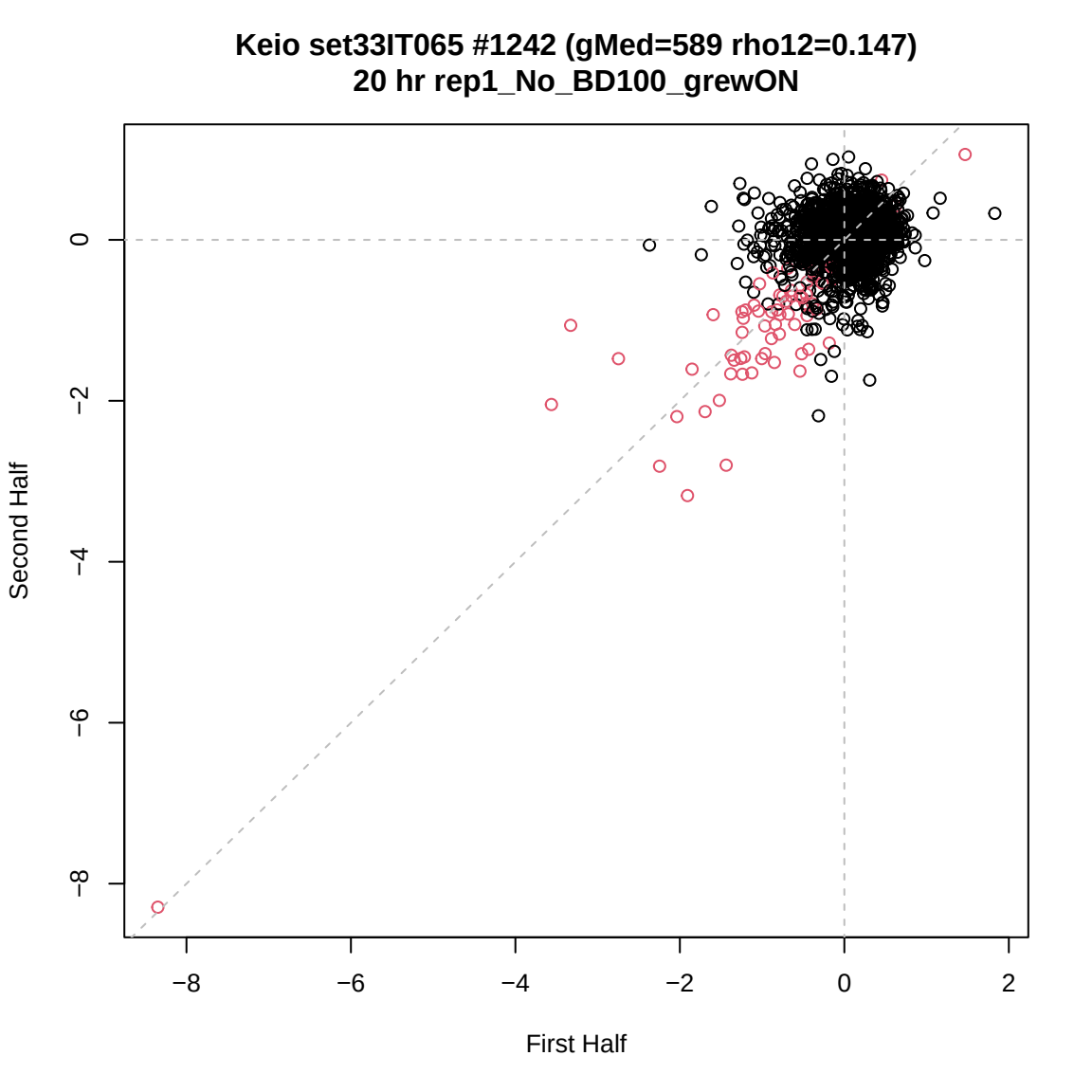

Keio set33IT056 #1233 (gMed=630 rho12=0.149)
6 hr rep2_No_BD100_grewON
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

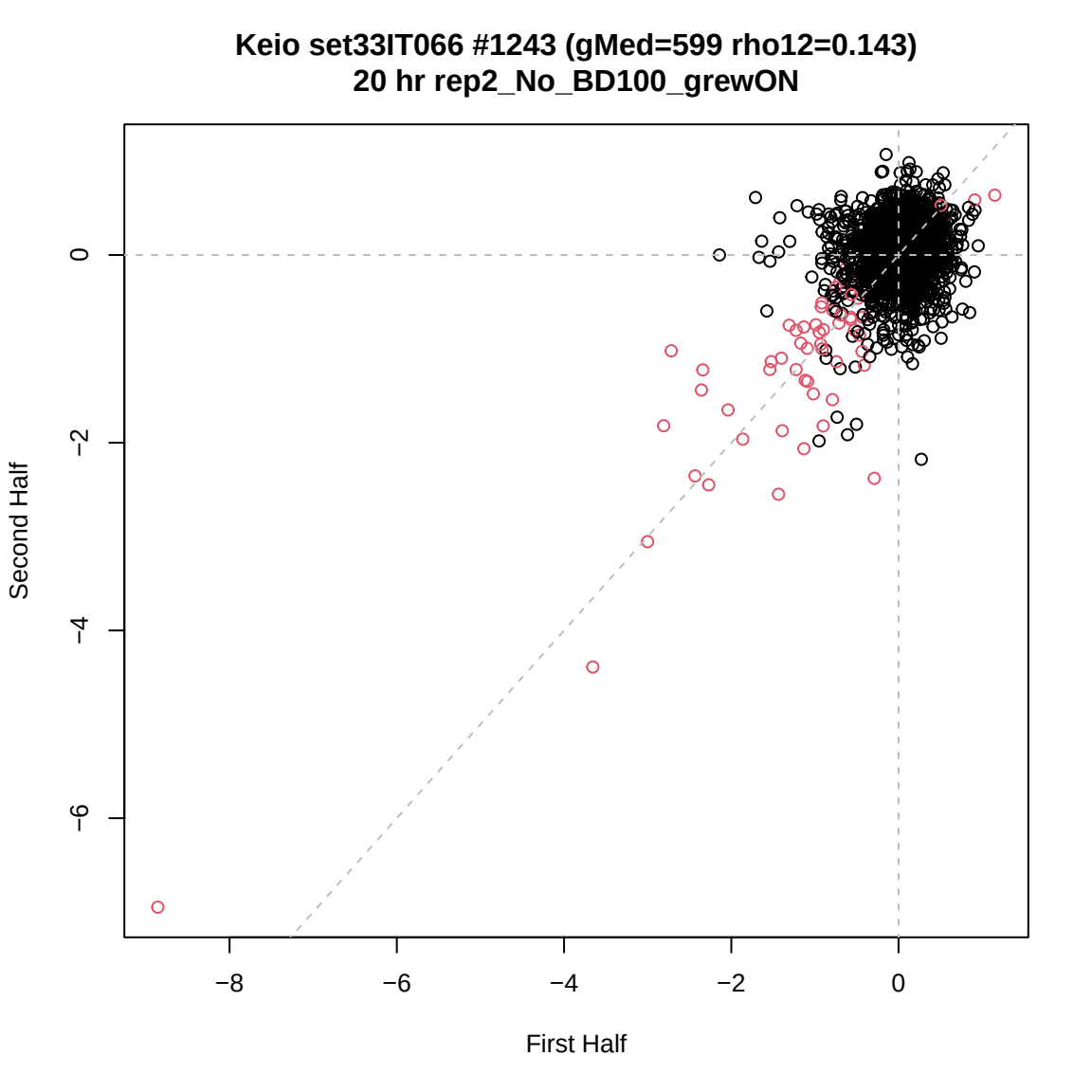

Keio set33IT061 #1238 (gMed=0 rho12=0.471)
20 hr rep1_HD100_no_dilution_grewON
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10

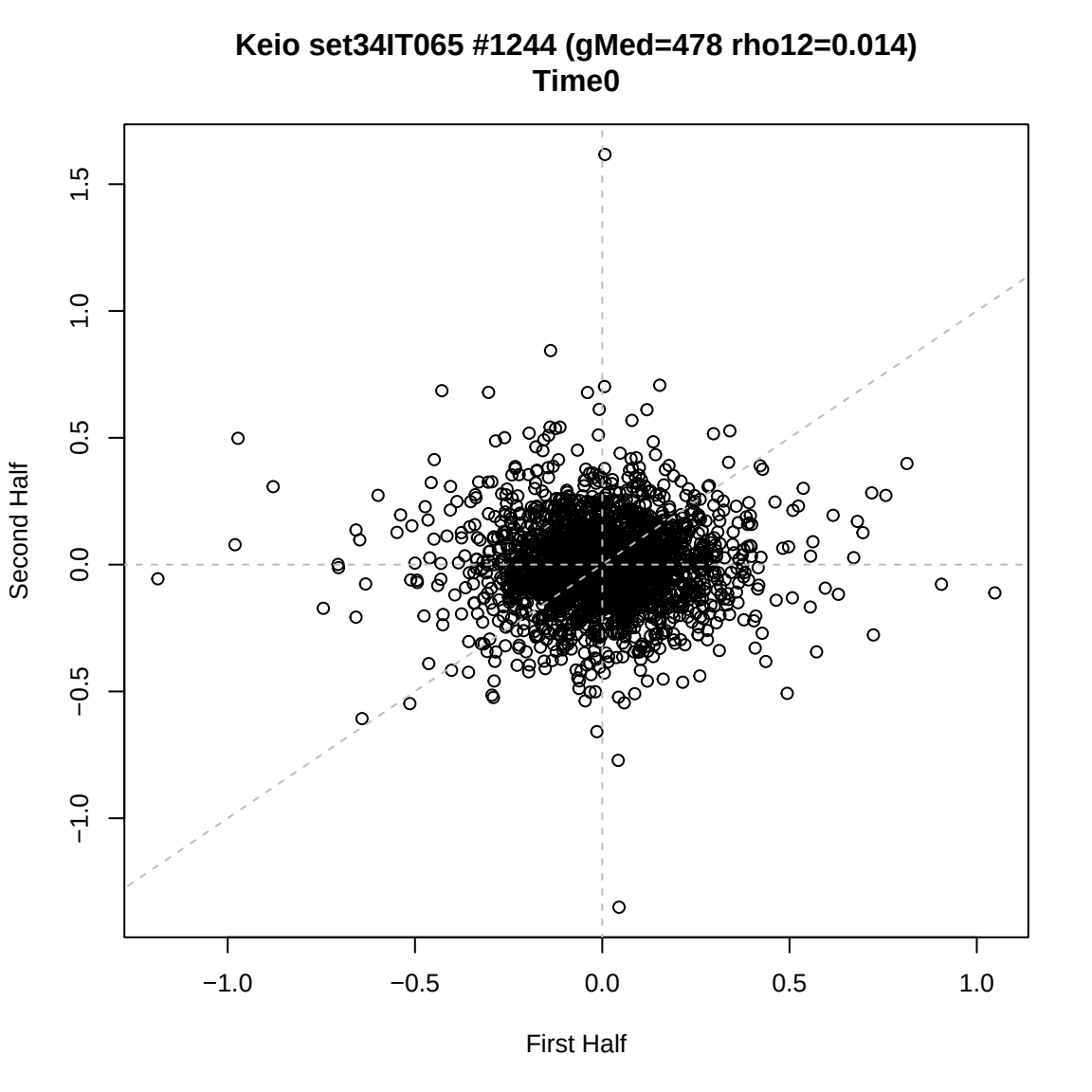

Keio set33IT062 #1239 (gMed=363 rho12=0.139)
20 hr rep2_HD100_no_dilution_grewON
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6
8

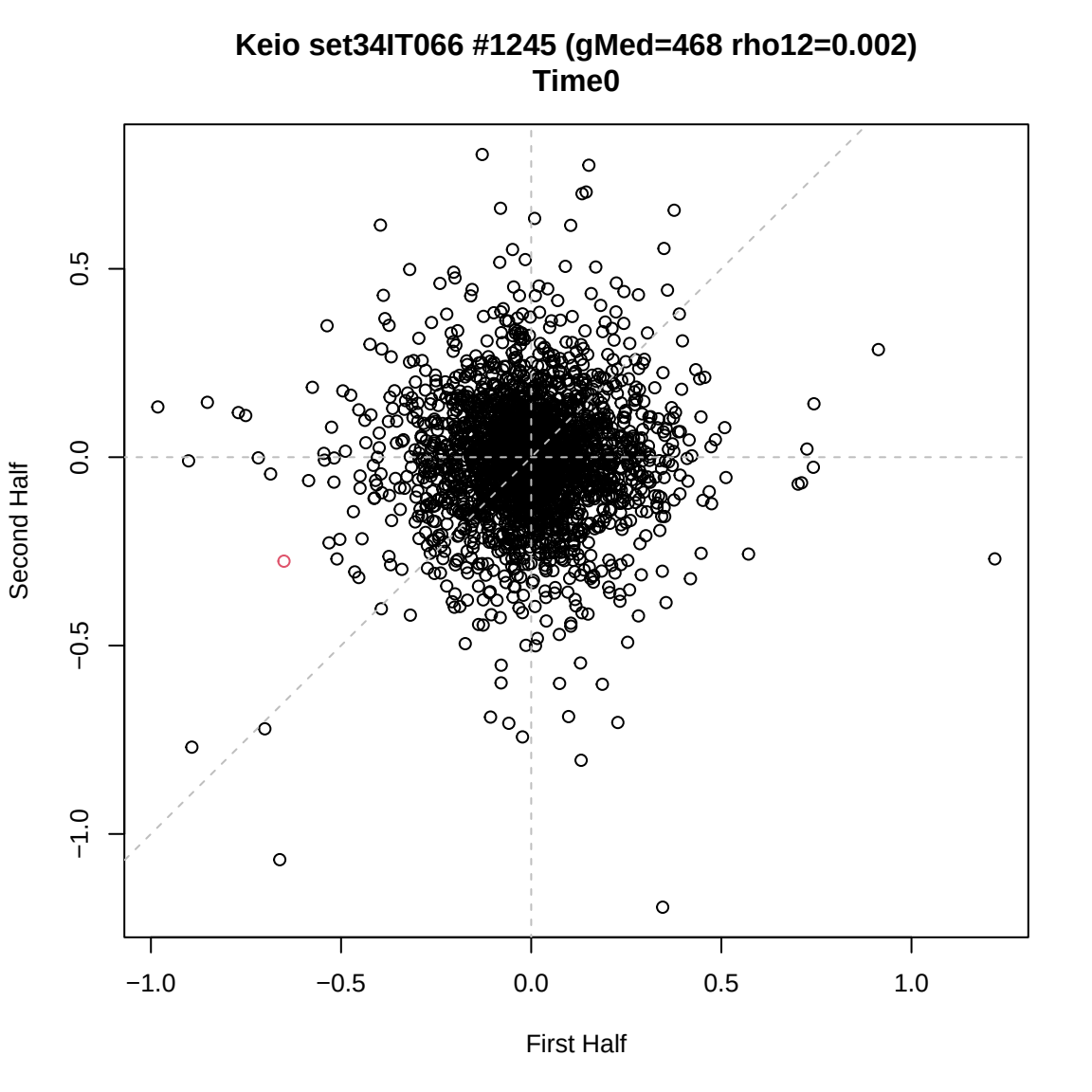

Keio set33IT063 #1240 (gMed=0 rho12=0.341)
20 hr rep1_HD100_10fold_dilution_grewON
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

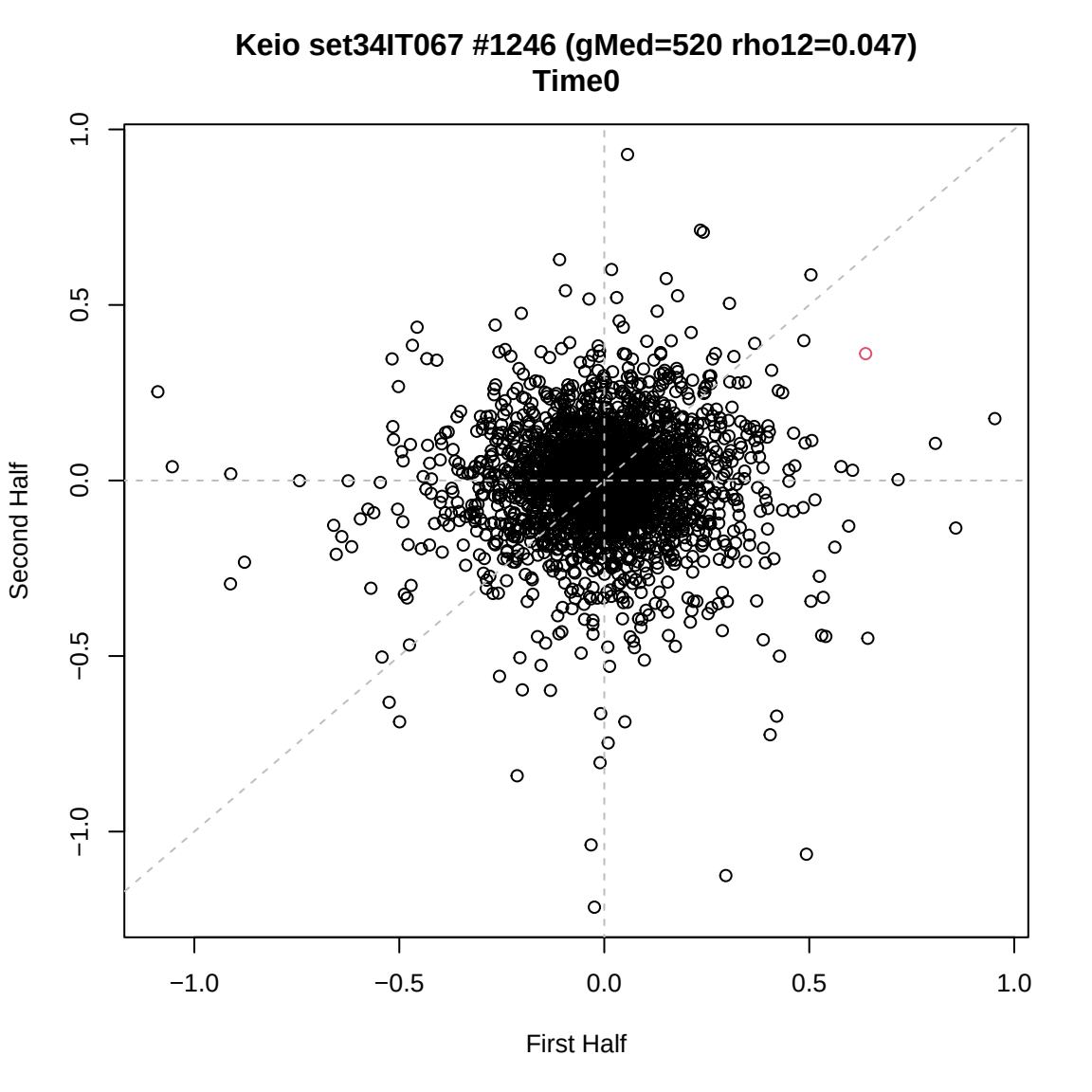

Keio set33IT064 #1241 (gMed=0 rho12=0.472)
20 hr rep2_HD100_10fold_dilution_grewON
Second Half
First Half
15
10
5
0
−2
0
2
4
6
8
10

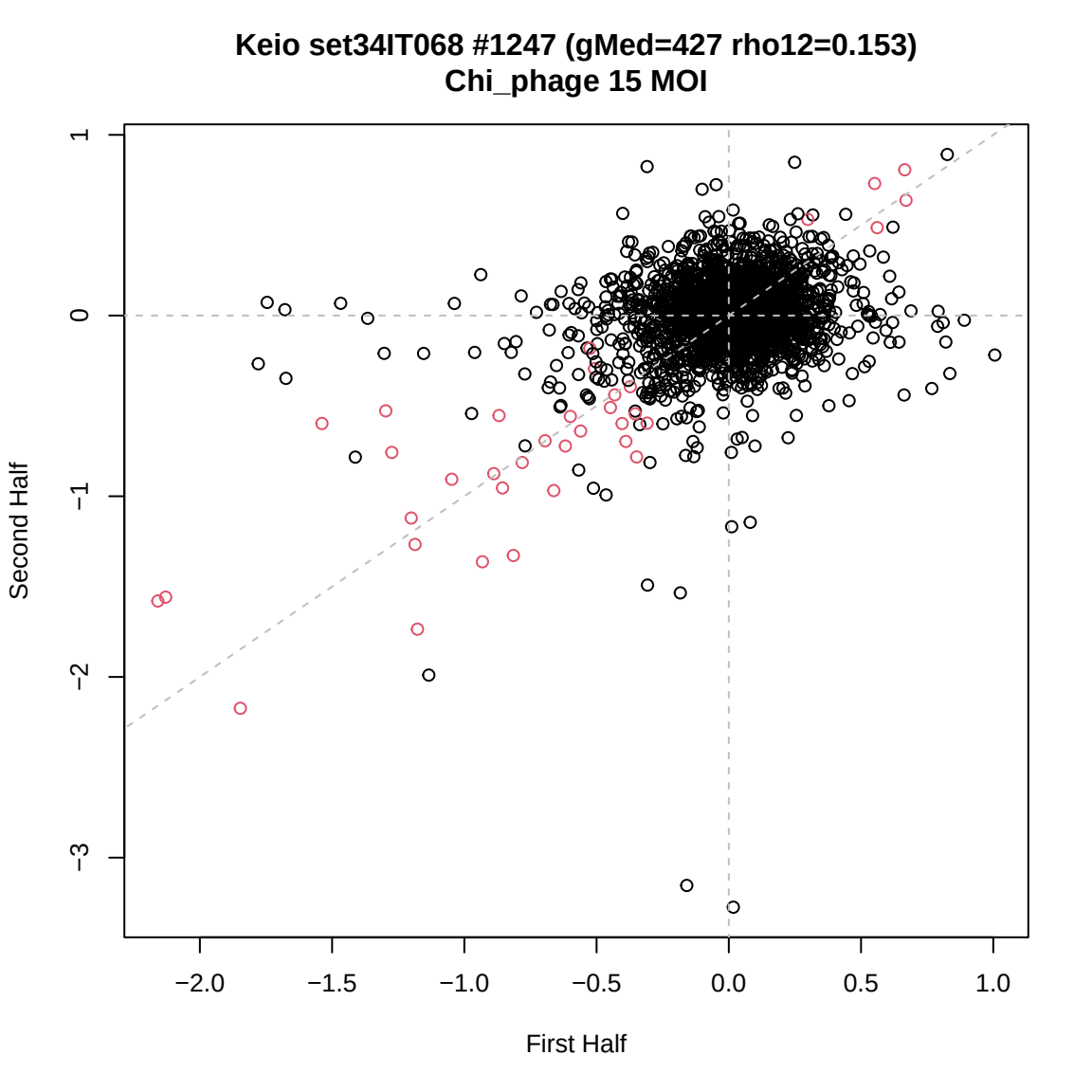

Keio set33IT065 #1242 (gMed=589 rho12=0.147)
20 hr rep1_No_BD100_grewON
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

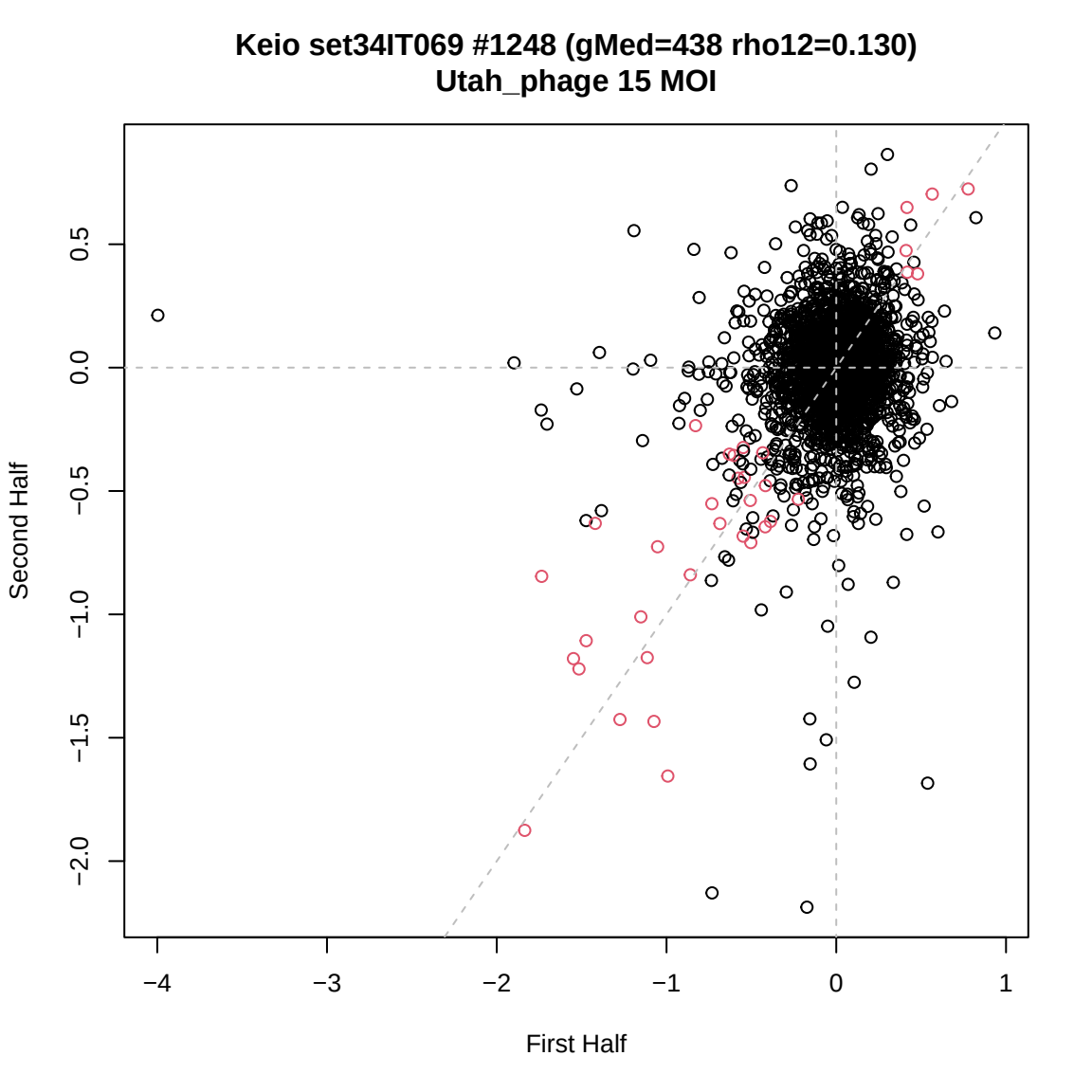

Keio set33IT066 #1243 (gMed=599 rho12=0.143)
20 hr rep2_No_BD100_grewON
Second Half
First Half
0
−2
−4
−6
−8

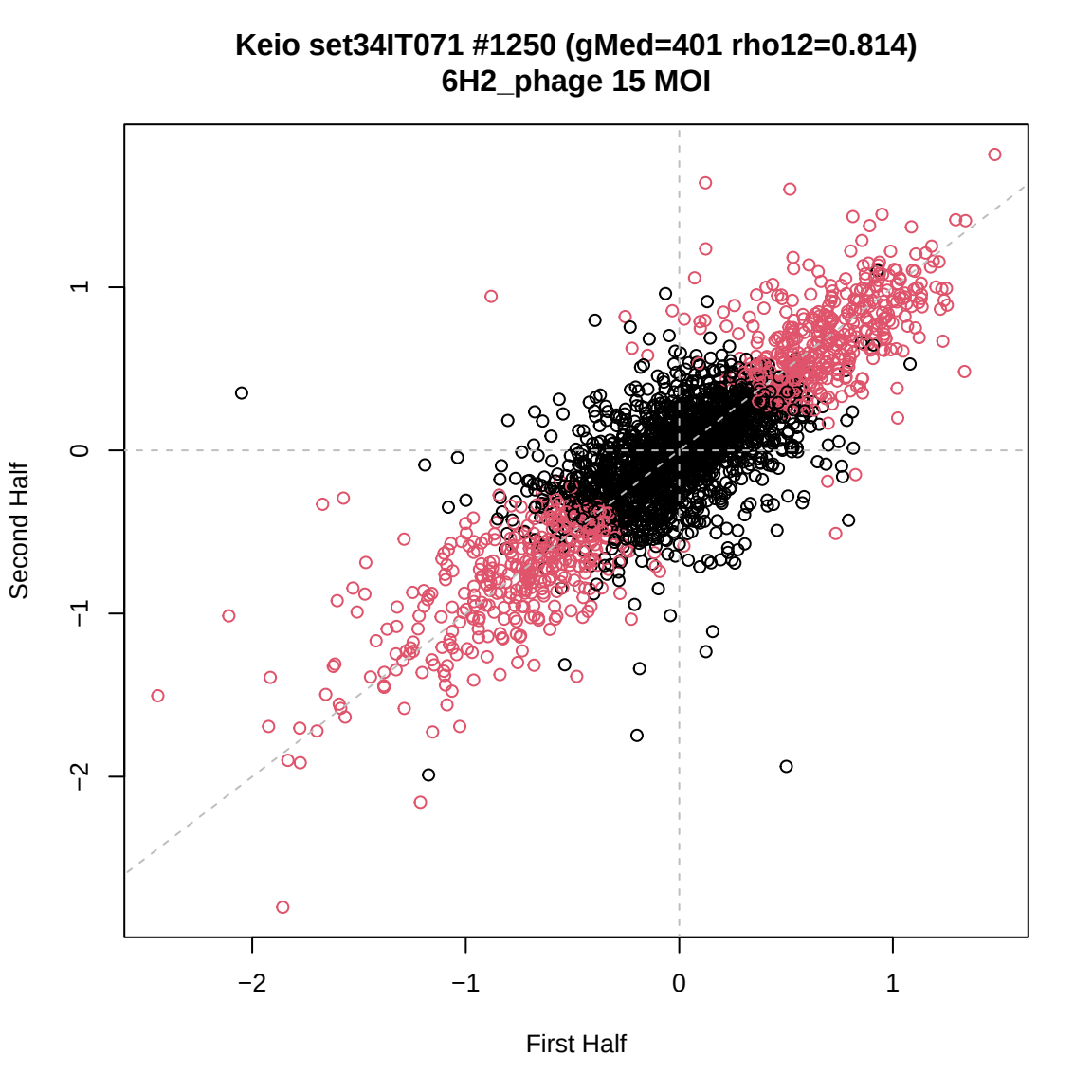

Keio set34IT065 #1244 (gMed=478 rho12=0.014)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

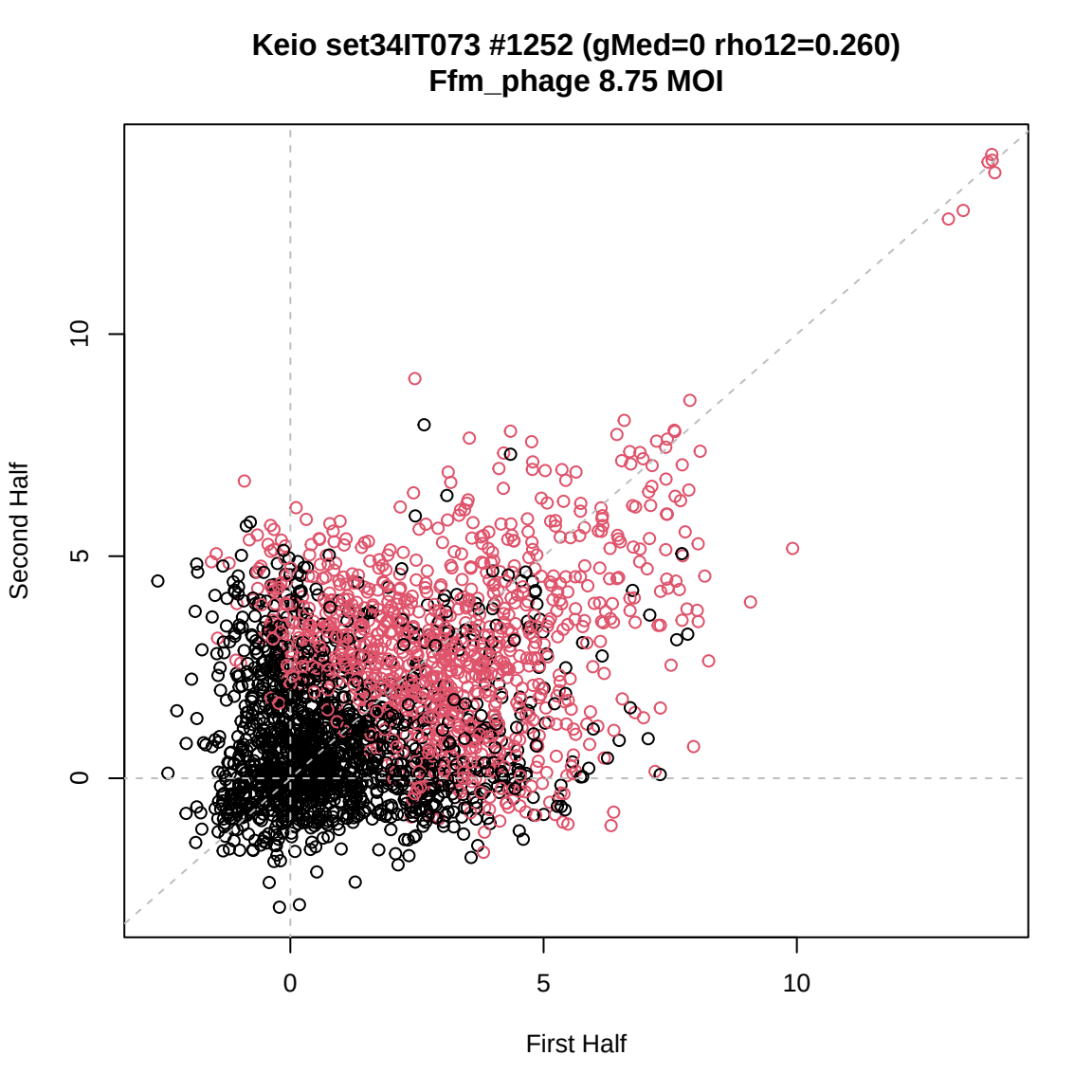

Keio set34IT066 #1245 (gMed=468 rho12=0.002)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

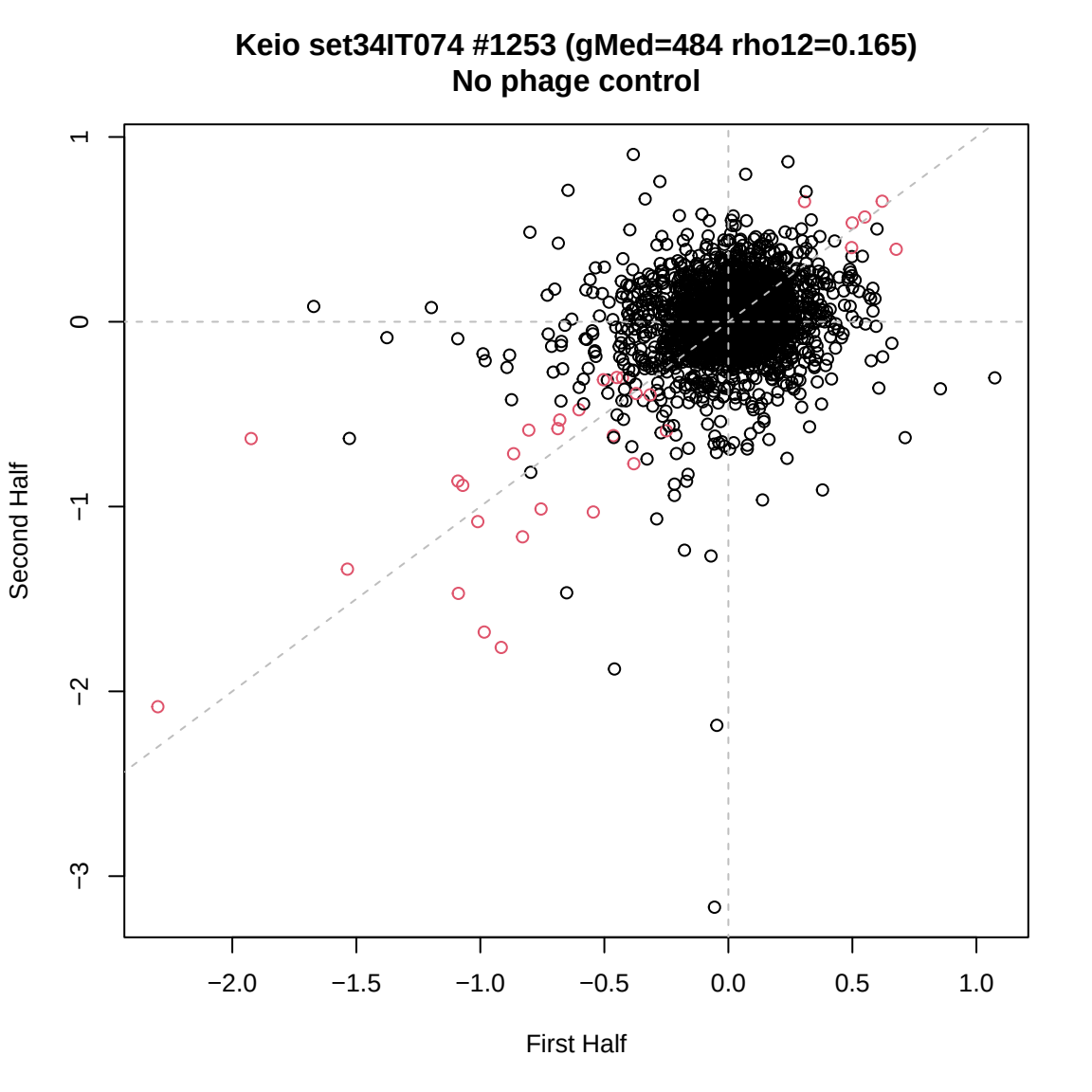

Keio set34IT067 #1246 (gMed=520 rho12=0.047)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

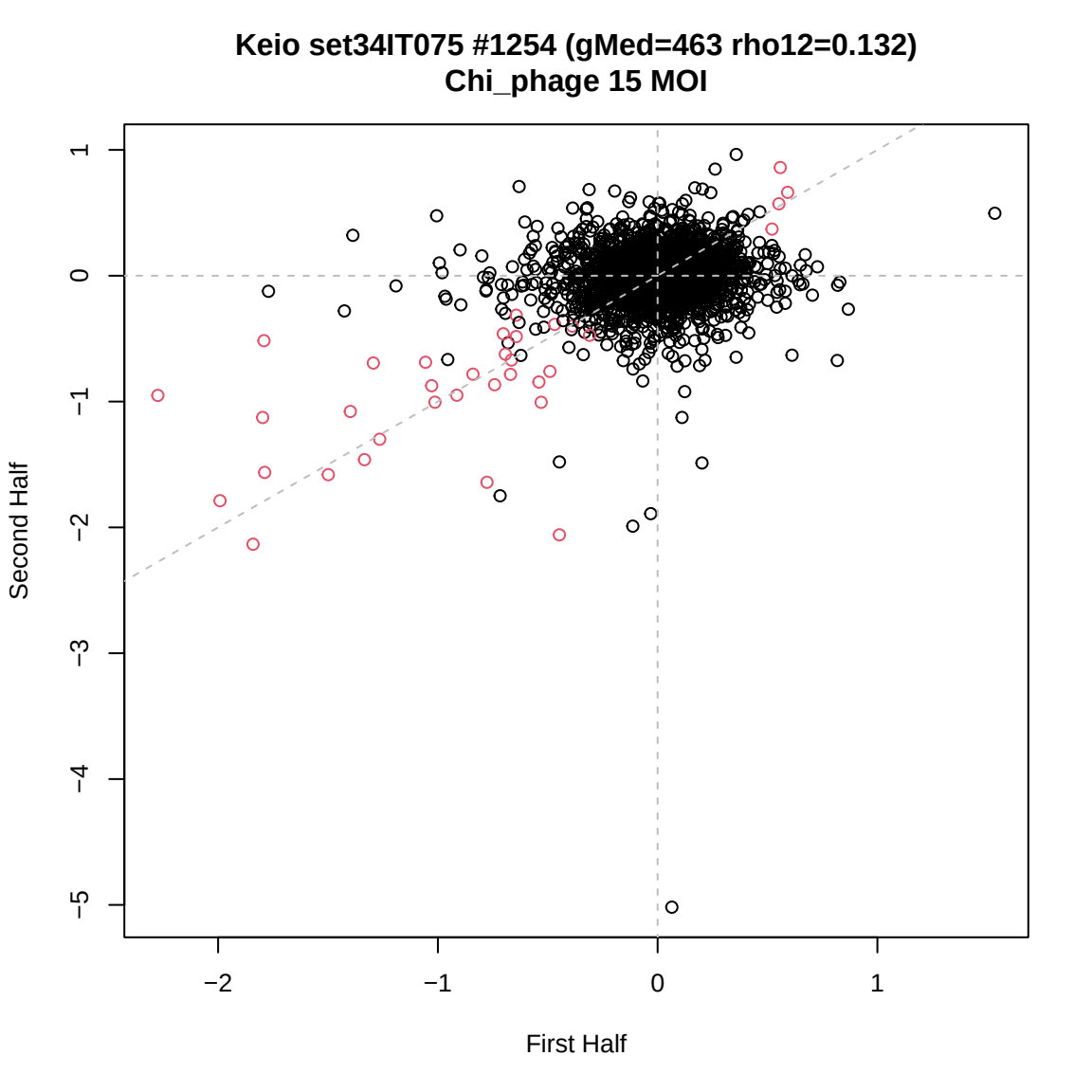

Keio set34IT068 #1247 (gMed=427 rho12=0.153)
Chi_phage 15 MOI
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

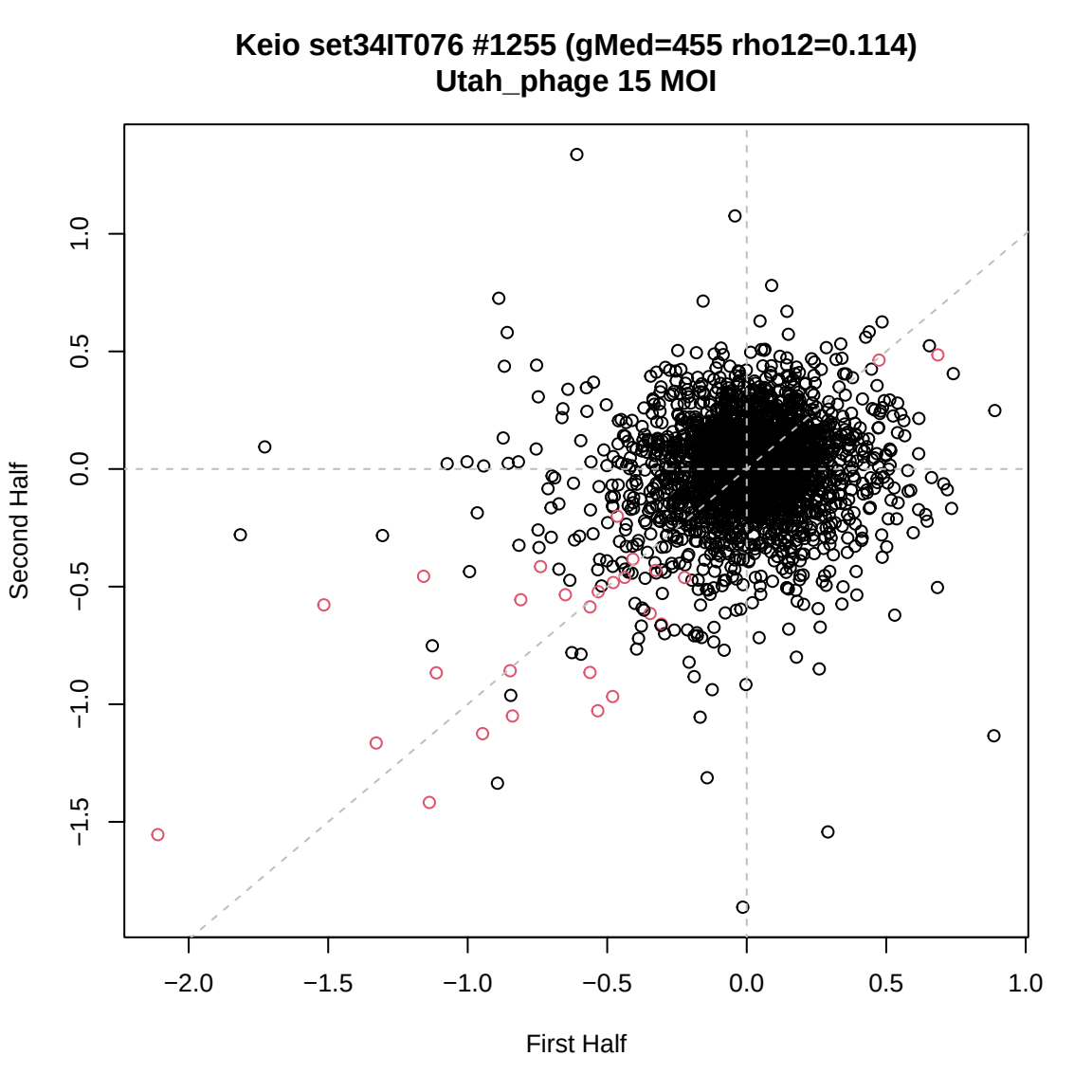

Keio set34IT069 #1248 (gMed=438 rho12=0.130)
Utah_phage 15 MOI
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−4
−3
−2
−1
0
1

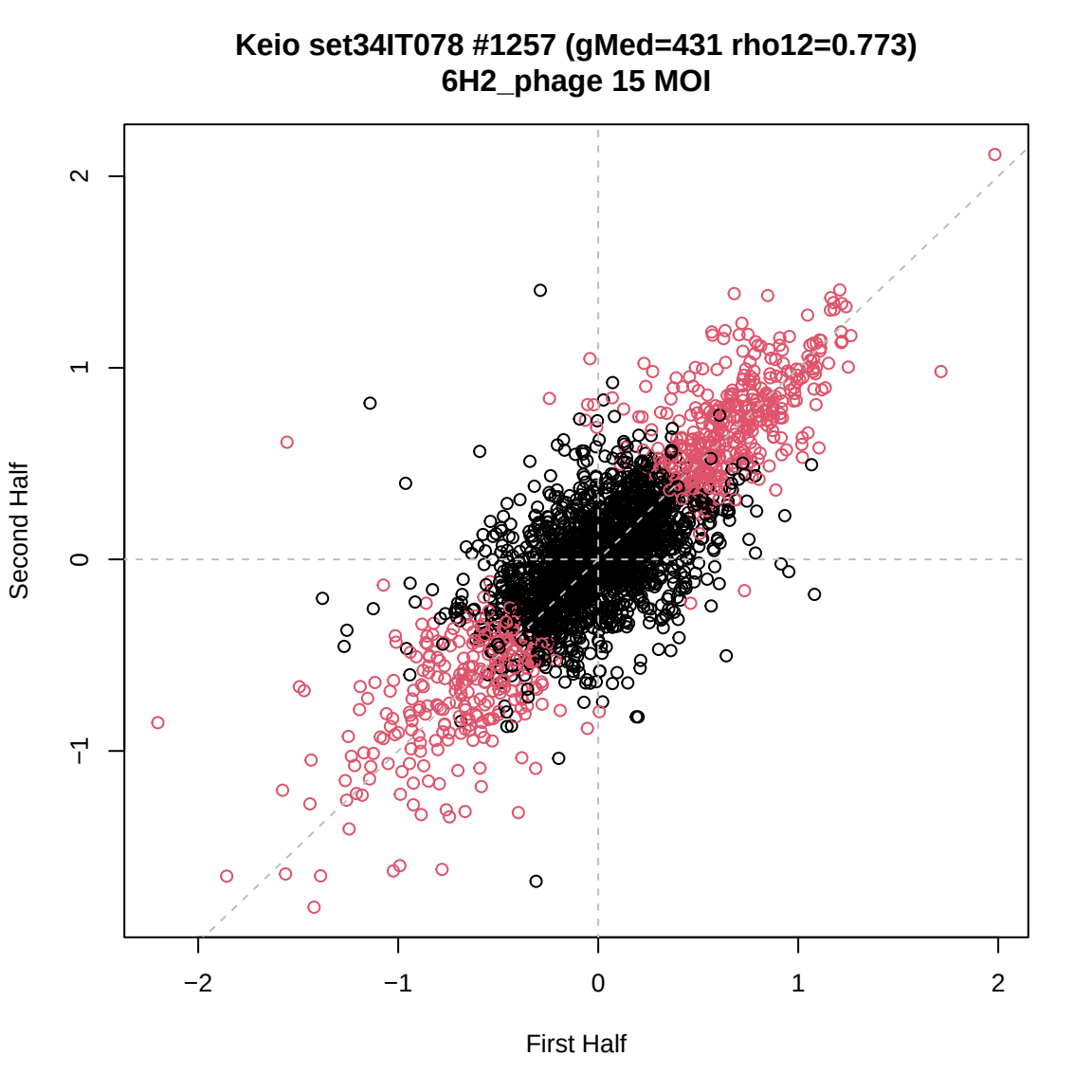

Keio set34IT071 #1250 (gMed=401 rho12=0.814)
6H2_phage 15 MOI
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

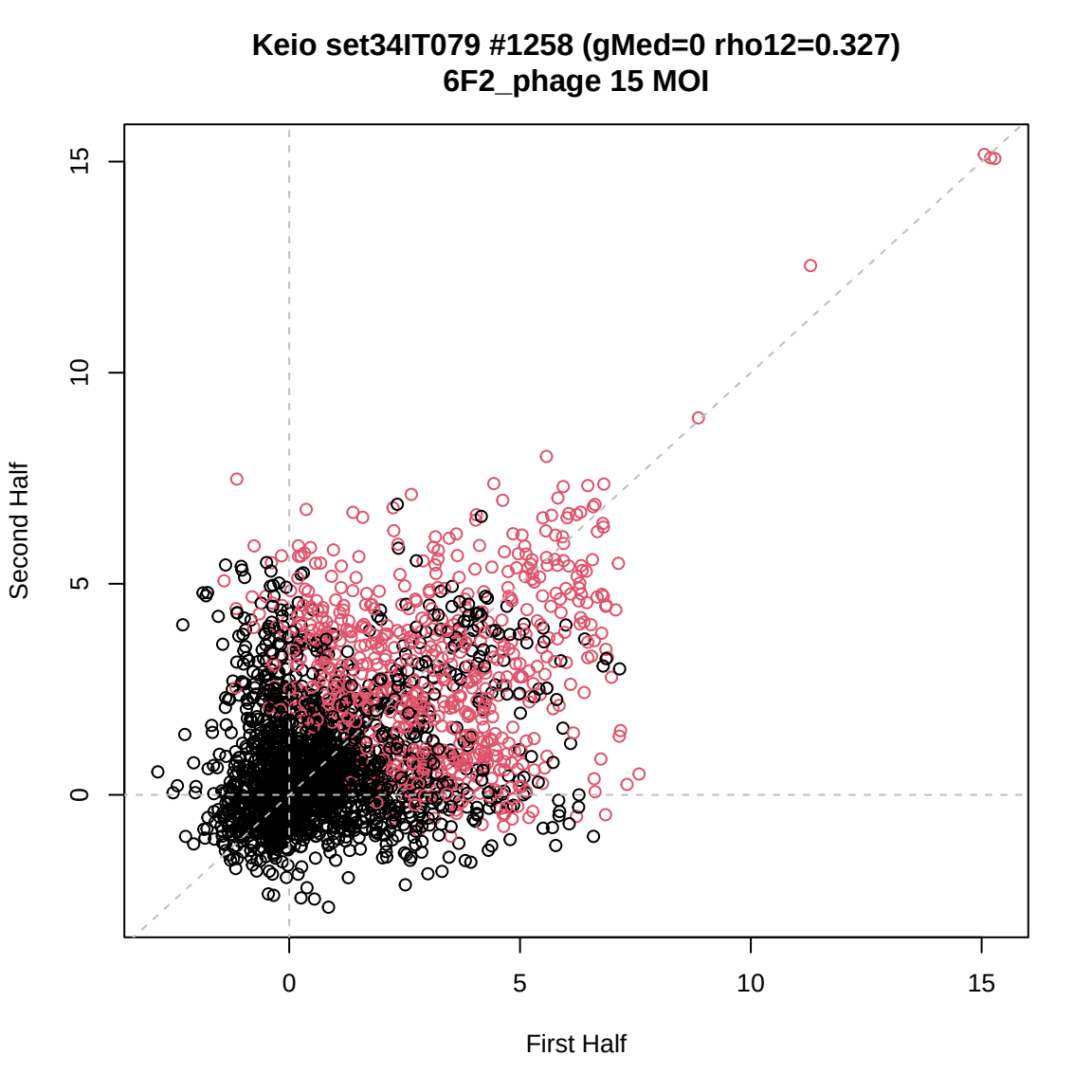

Keio set34IT073 #1252 (gMed=0 rho12=0.260)
Ffm_phage 8.75 MOI
Second Half
First Half
0
5
10
0
5
10

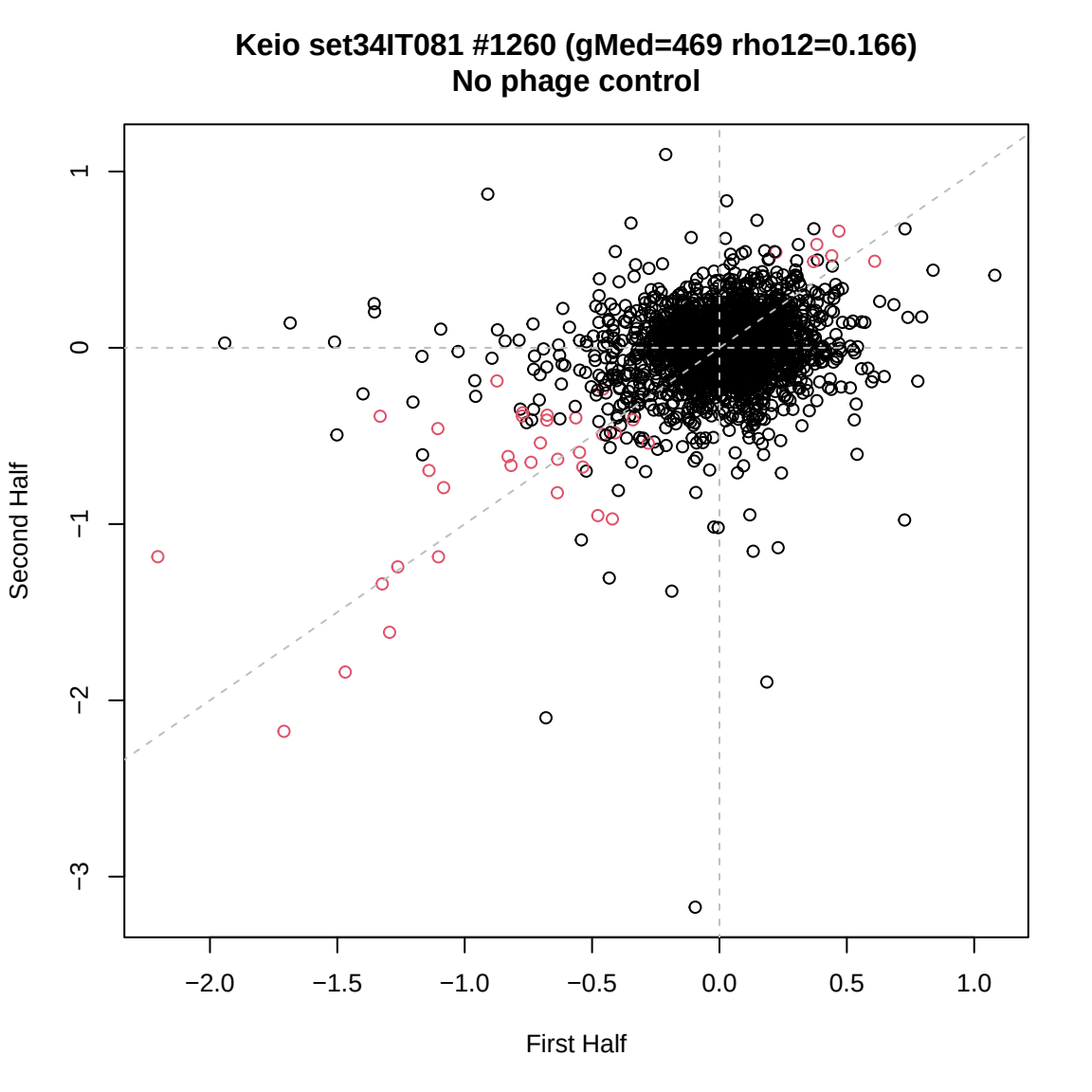

Keio set34IT074 #1253 (gMed=484 rho12=0.165)
No phage control
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

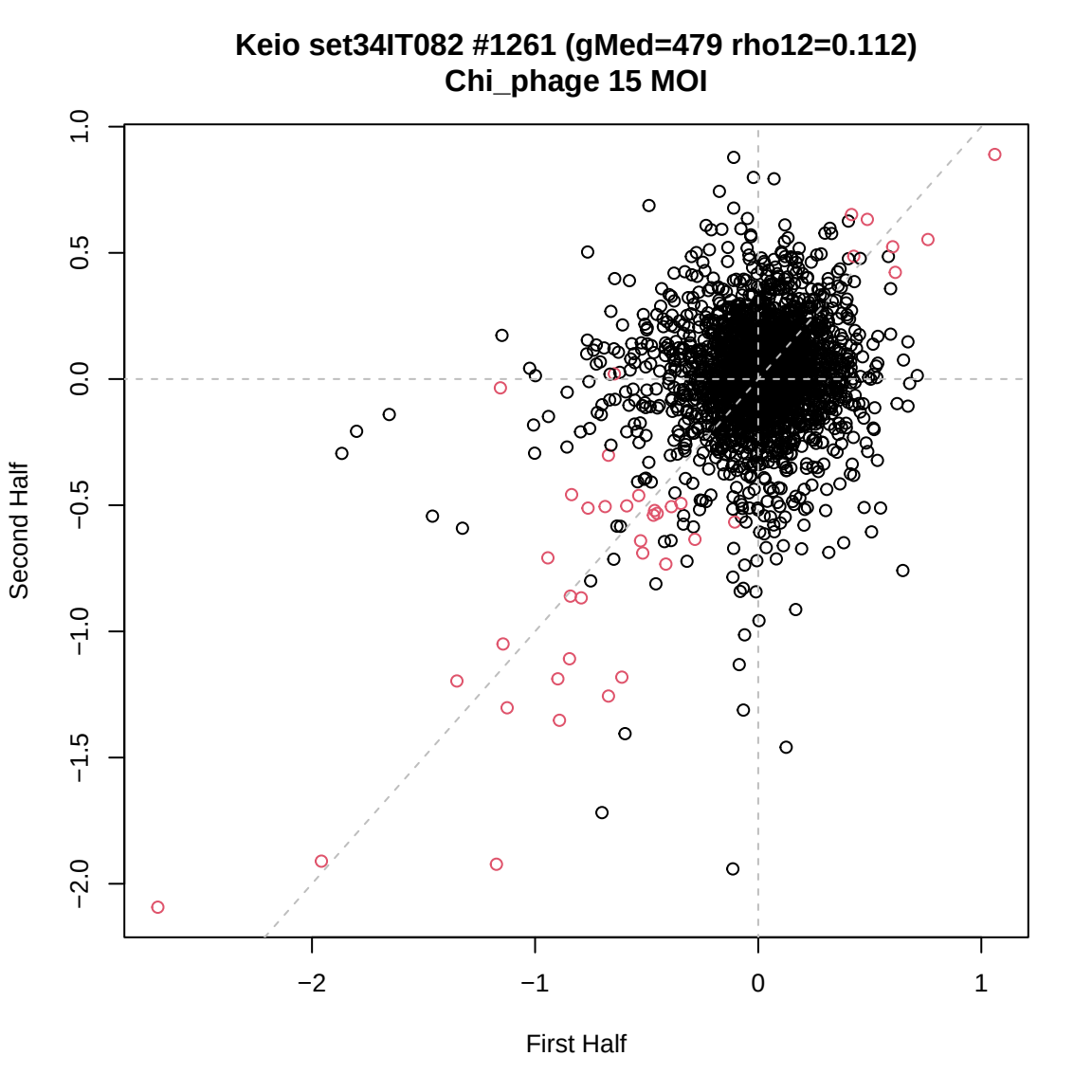

Keio set34IT075 #1254 (gMed=463 rho12=0.132)
Chi_phage 15 MOI
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−2
−1
0
1

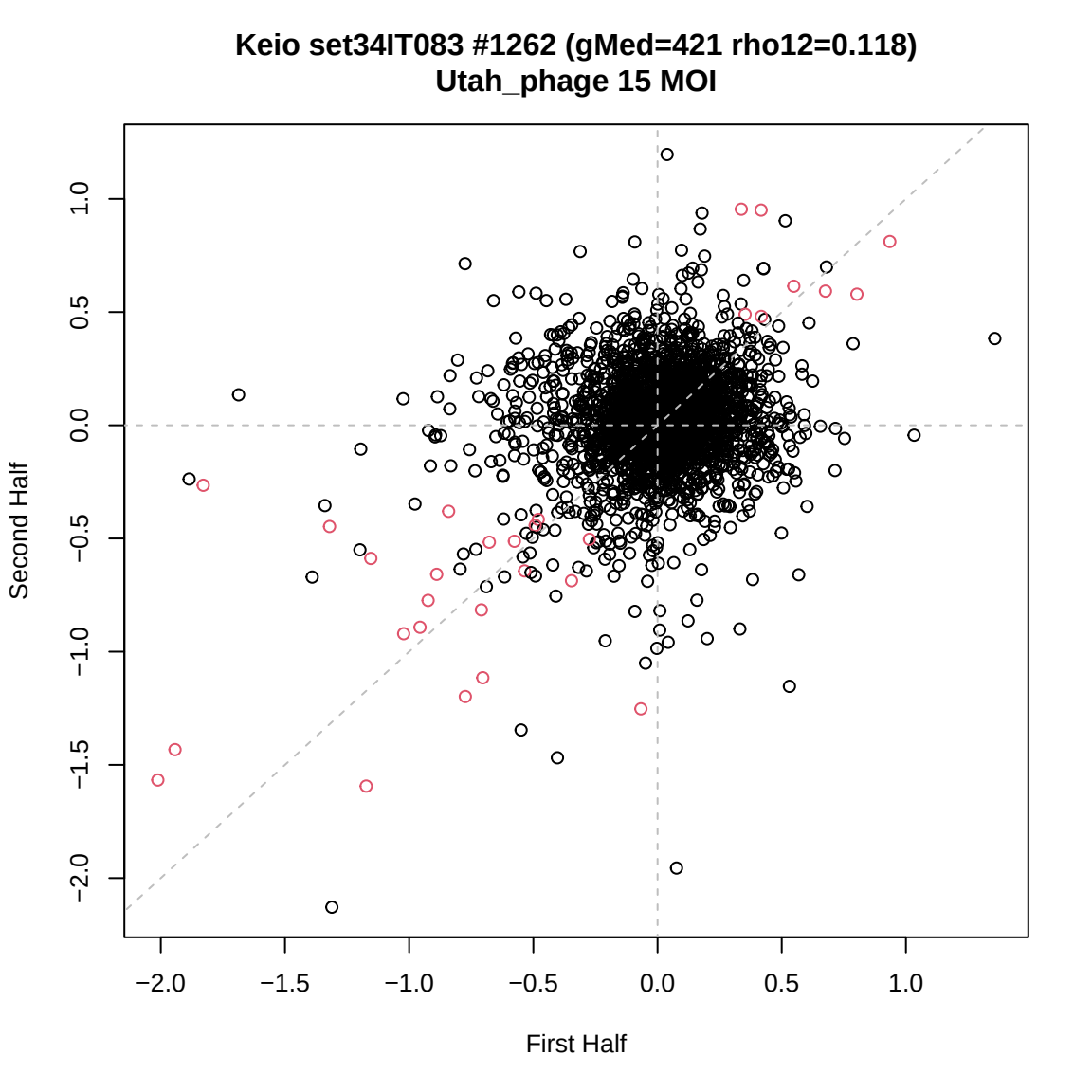

Keio set34IT076 #1255 (gMed=455 rho12=0.114)
Utah_phage 15 MOI
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

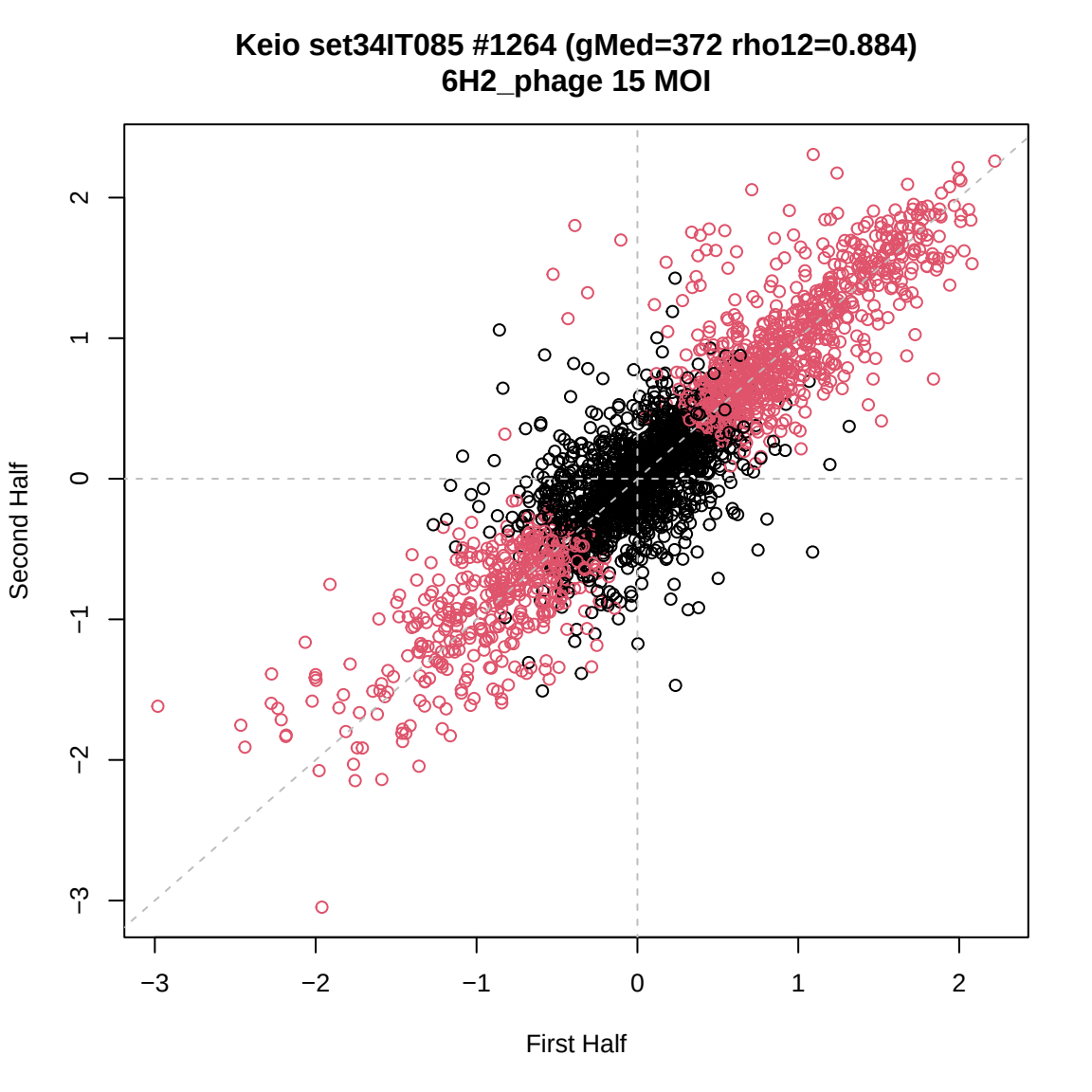

Keio set34IT078 #1257 (gMed=431 rho12=0.773)
6H2_phage 15 MOI
Second Half
First Half
2
1
0
−1
−2
−1
0
1
2

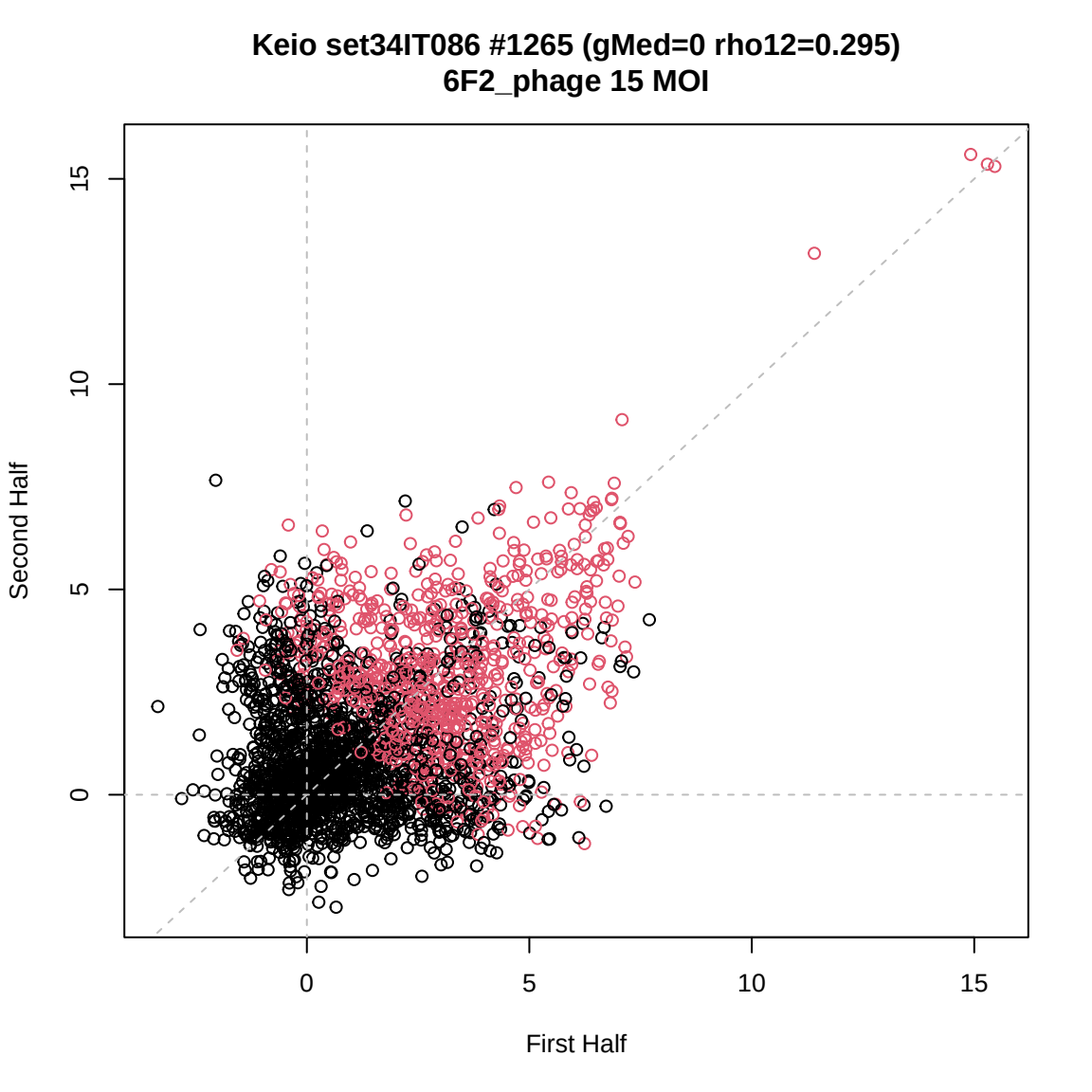

Keio set34IT079 #1258 (gMed=0 rho12=0.327)
6F2_phage 15 MOI
Second Half
First Half
0
5
10
15

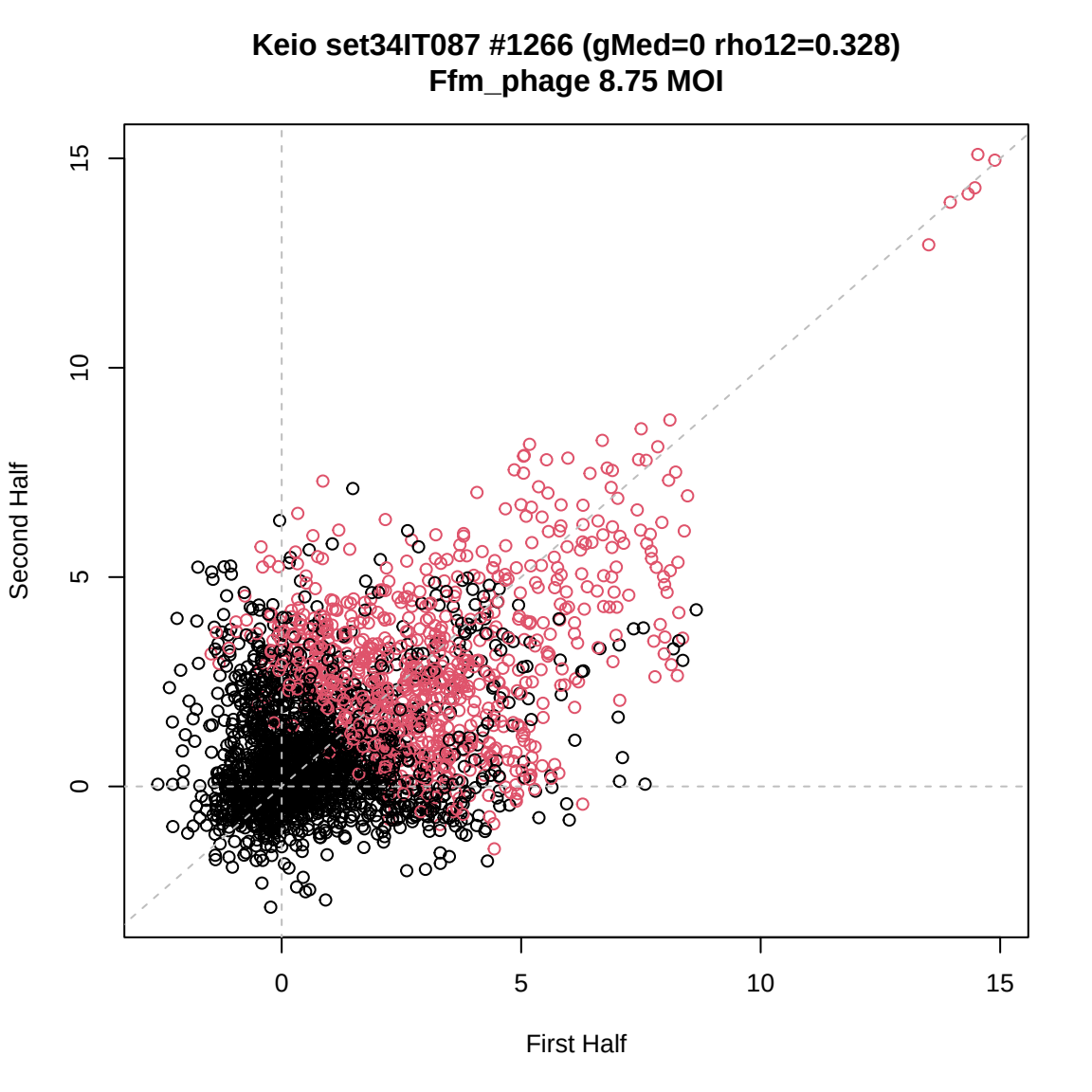

Keio set34IT081 #1260 (gMed=469 rho12=0.166)
No phage control
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

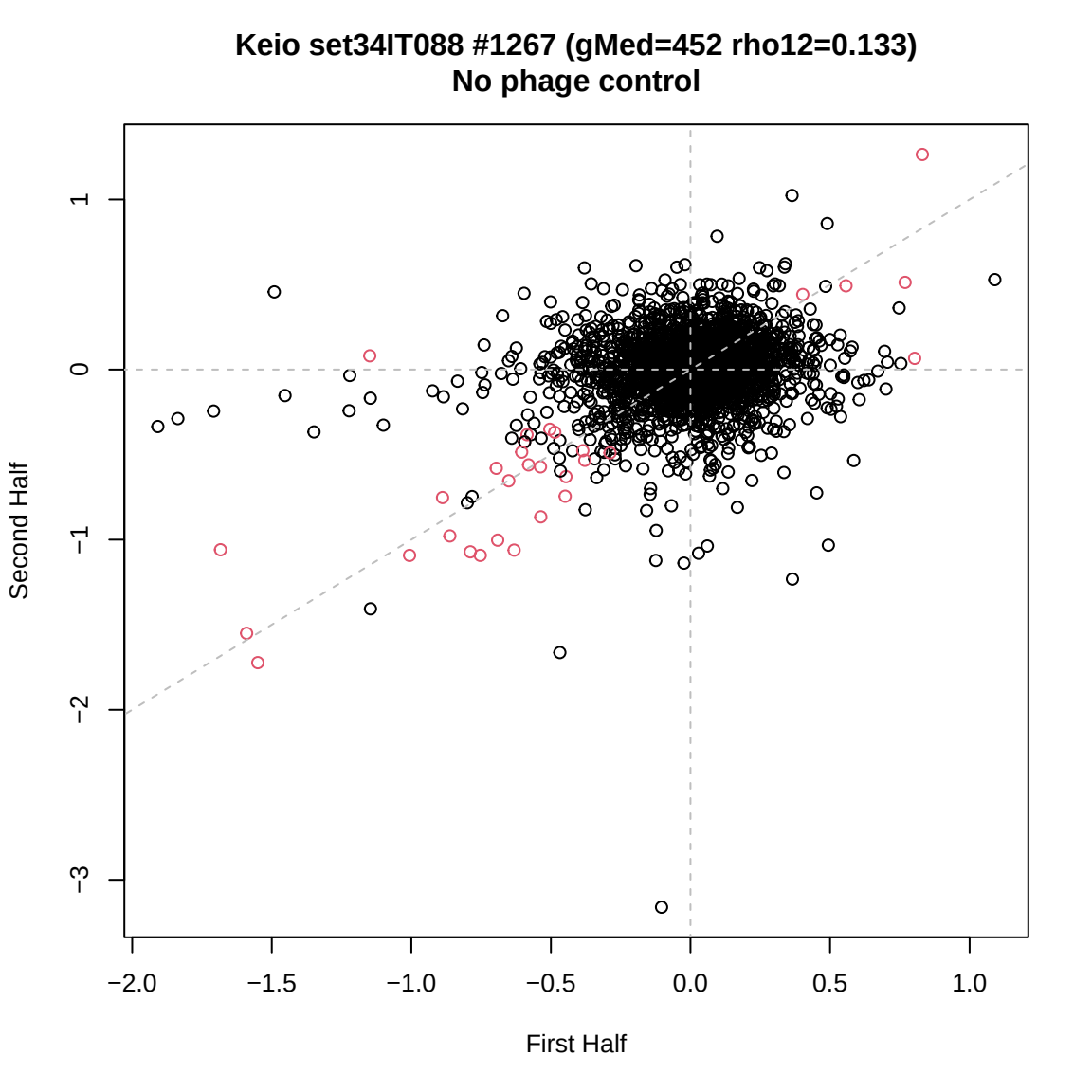

Keio set34IT082 #1261 (gMed=479 rho12=0.112)
Chi_phage 15 MOI
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

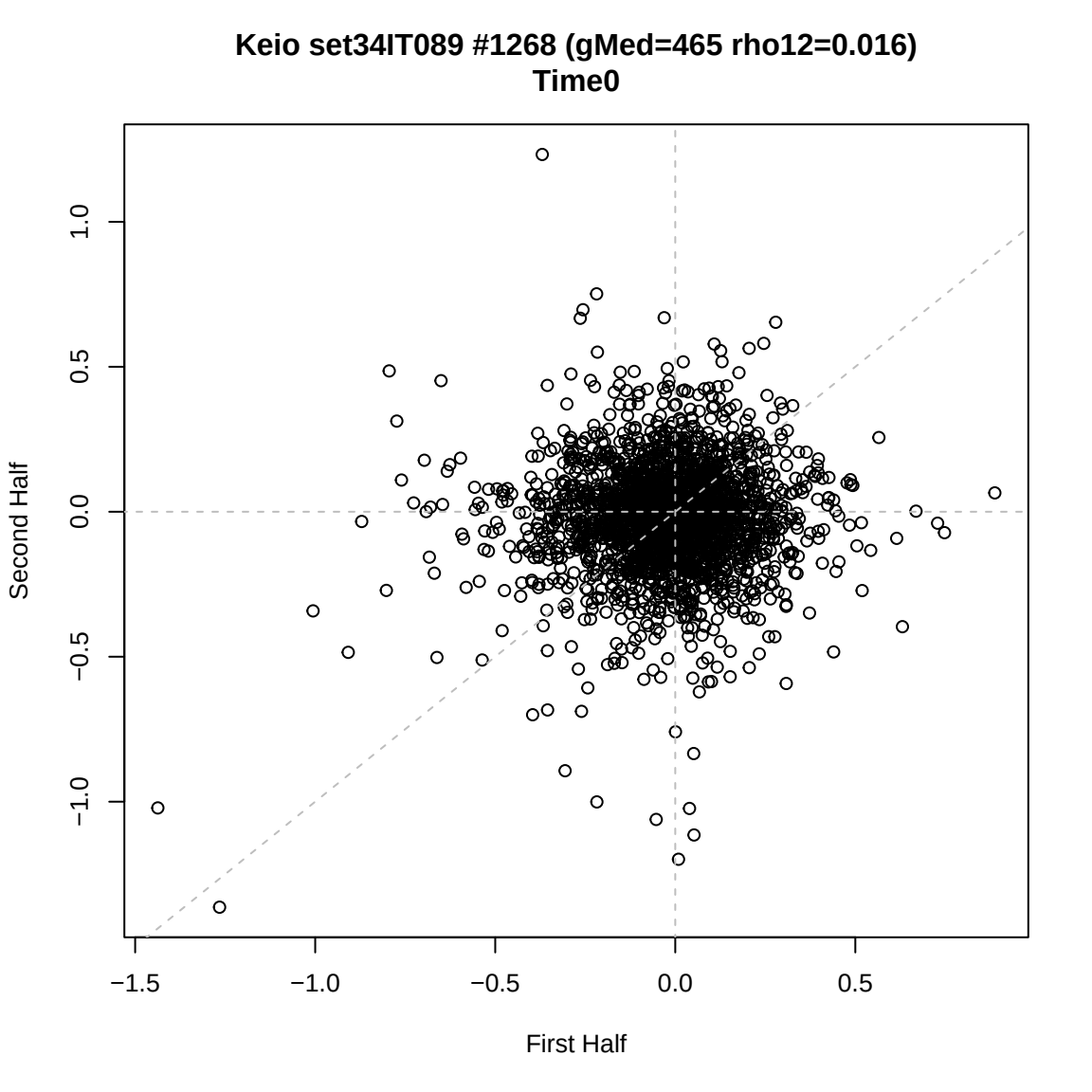

Keio set34IT083 #1262 (gMed=421 rho12=0.118)
Utah_phage 15 MOI
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

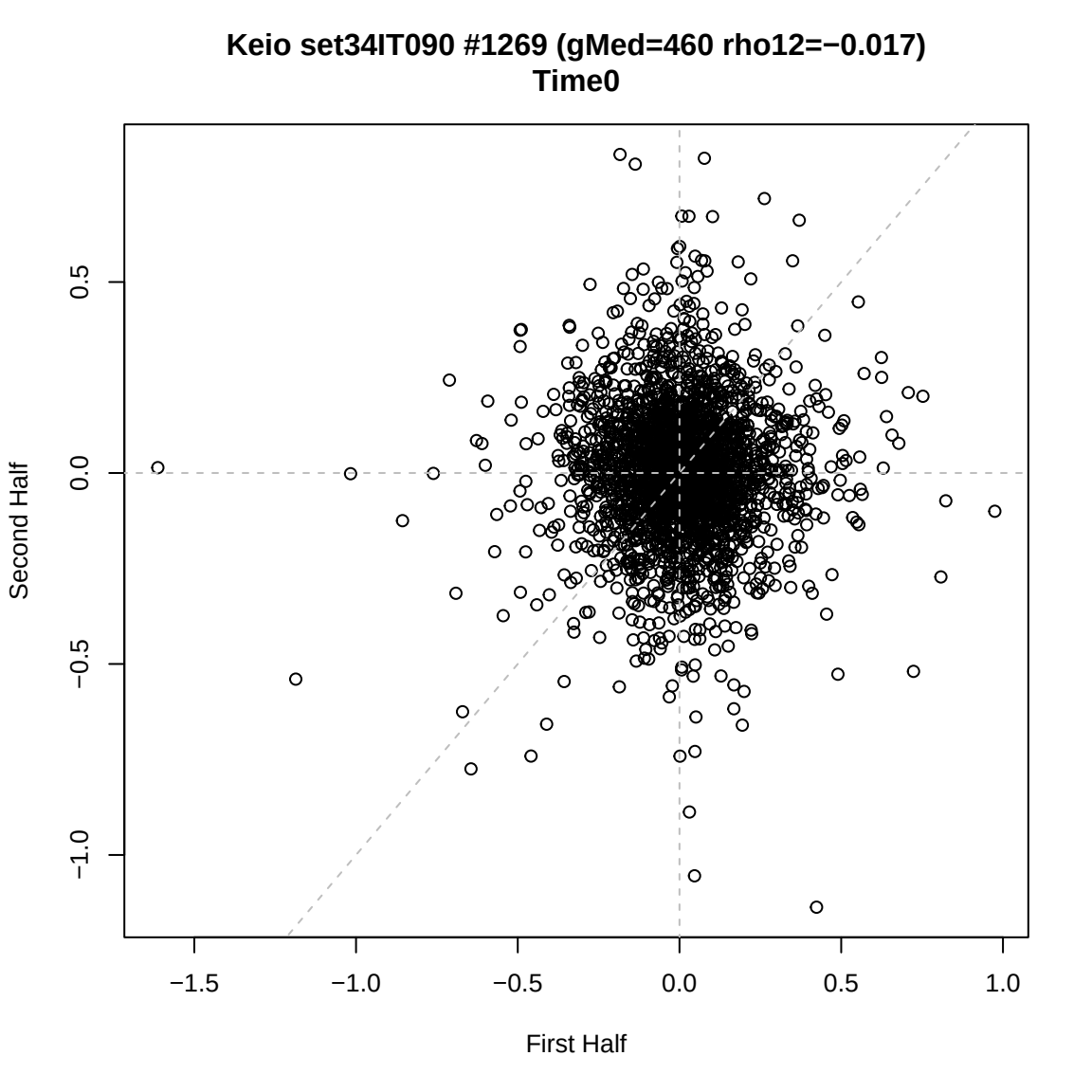

Keio set34IT085 #1264 (gMed=372 rho12=0.884)
6H2_phage 15 MOI
Second Half
First Half
−3
−2
−1
0
1
2

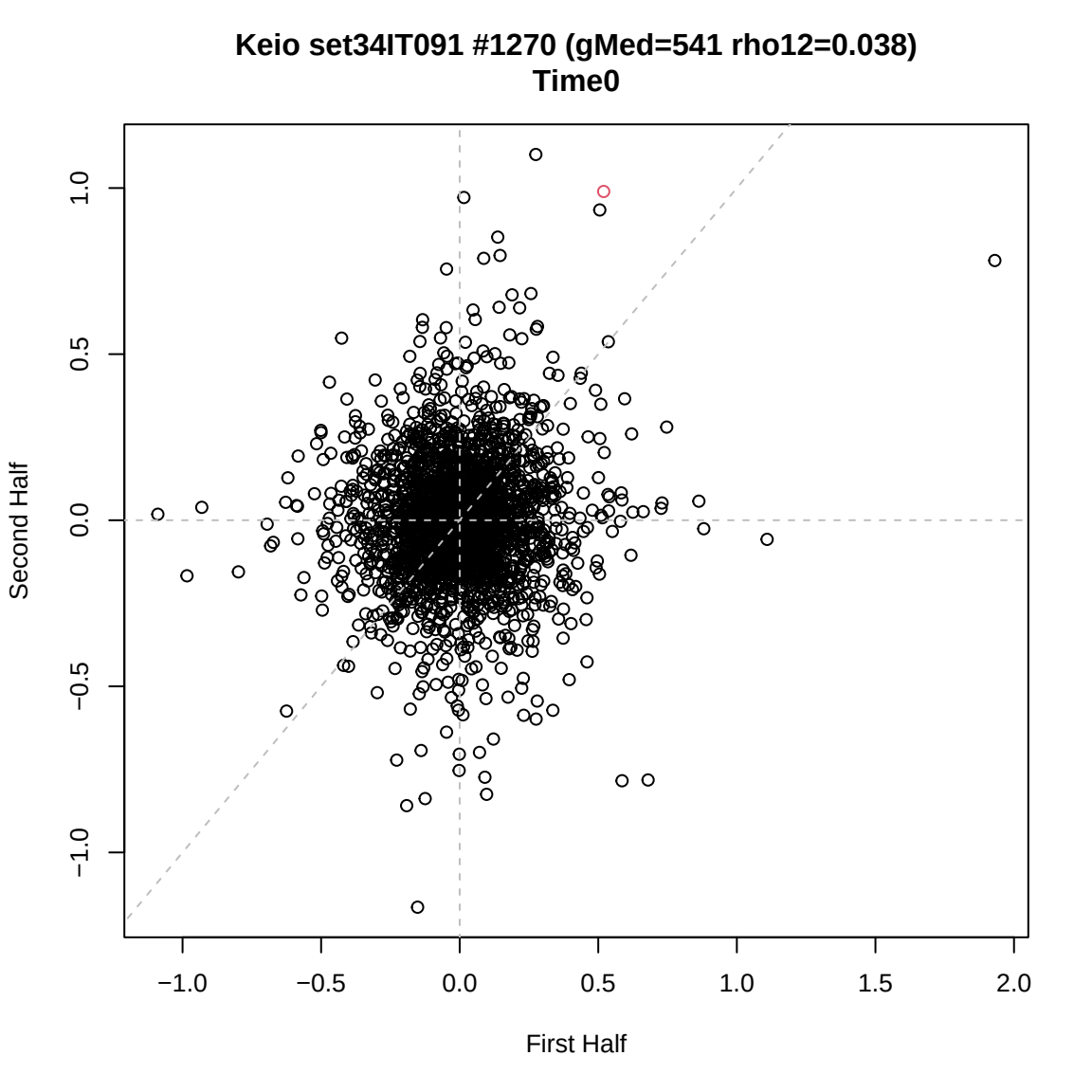

Keio set34IT086 #1265 (gMed=0 rho12=0.295)
6F2_phage 15 MOI
Second Half
First Half
0
5
10
15

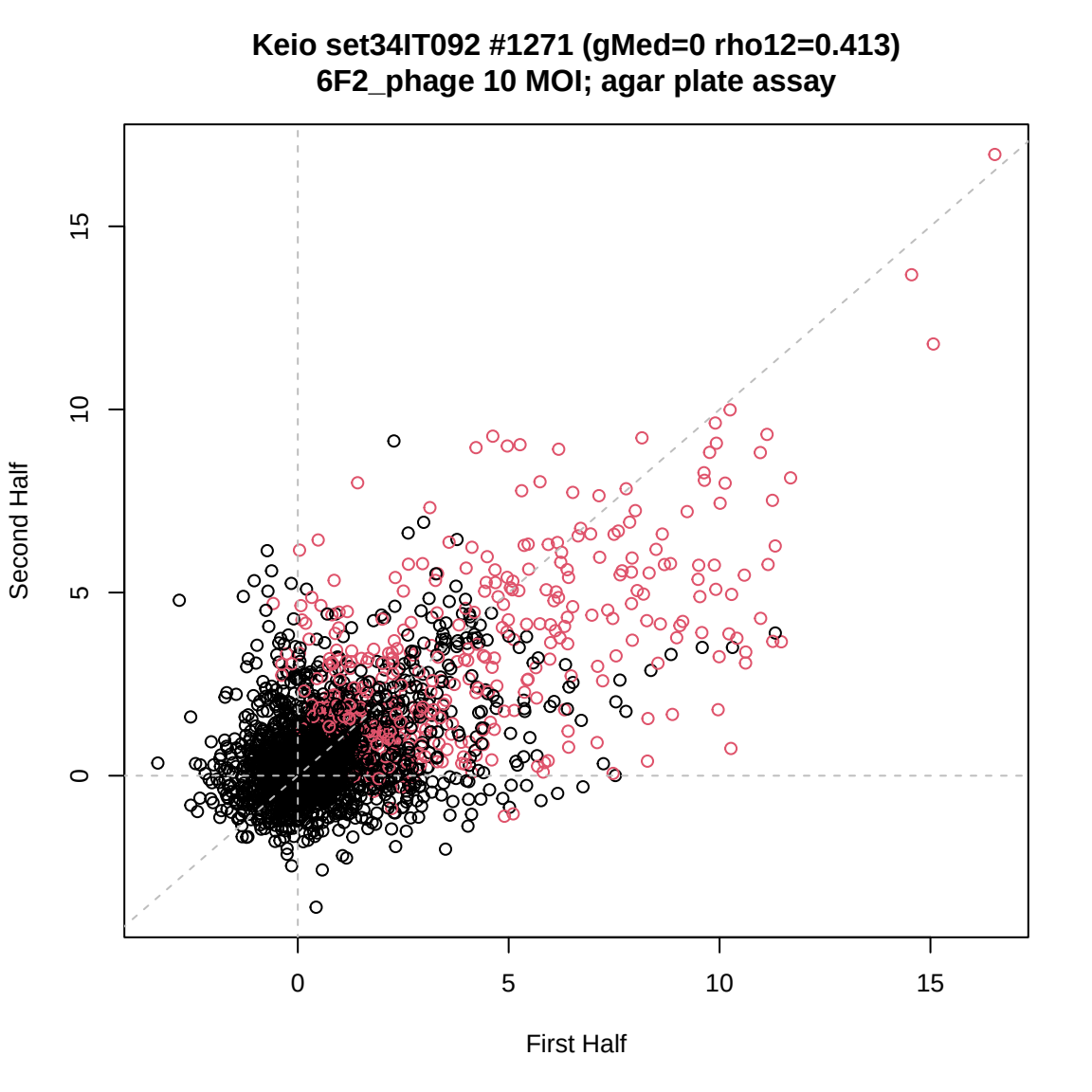

Keio set34IT087 #1266 (gMed=0 rho12=0.328)
Ffm_phage 8.75 MOI
Second Half
First Half
0
5
10
15

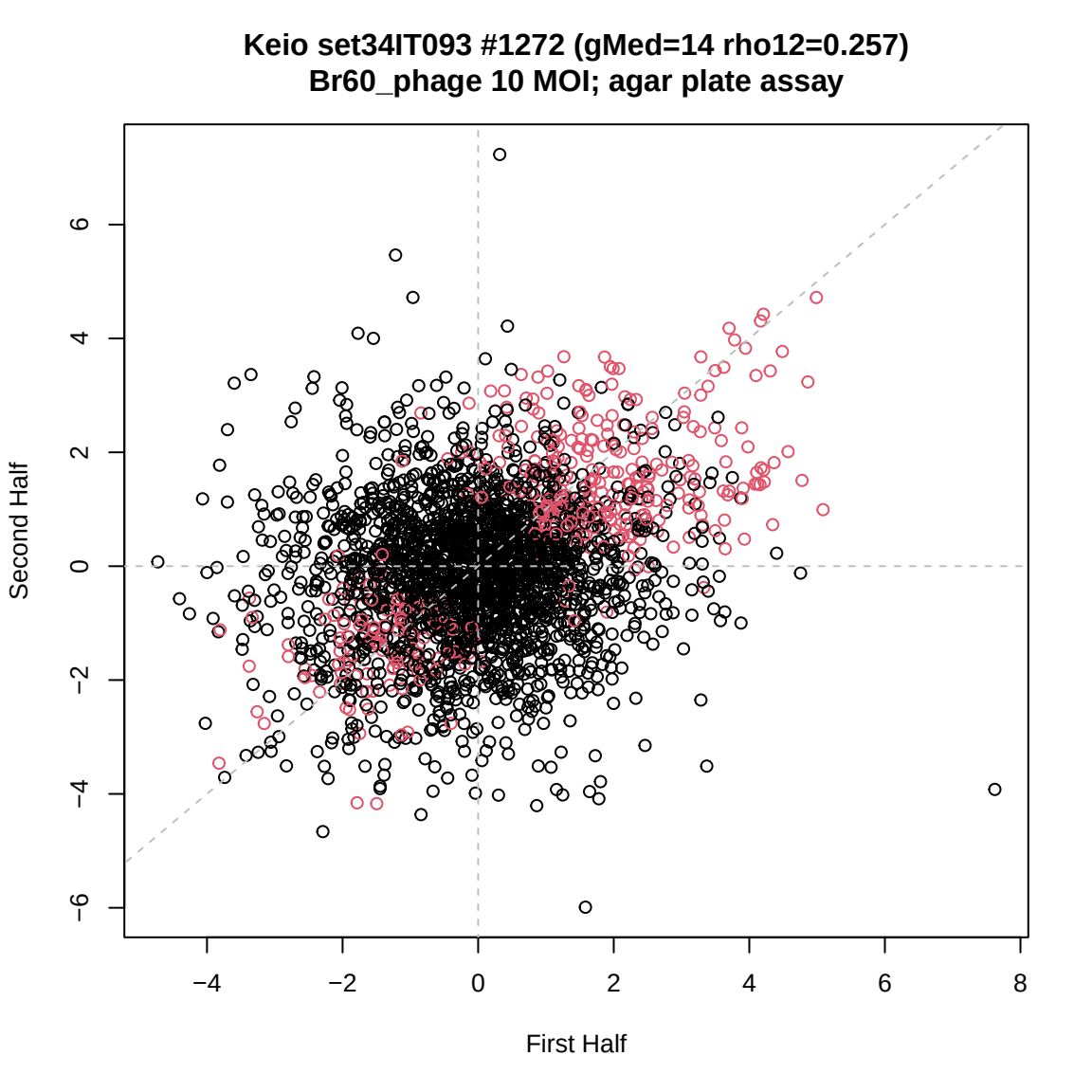

Keio set34IT088 #1267 (gMed=452 rho12=0.133)
No phage control
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

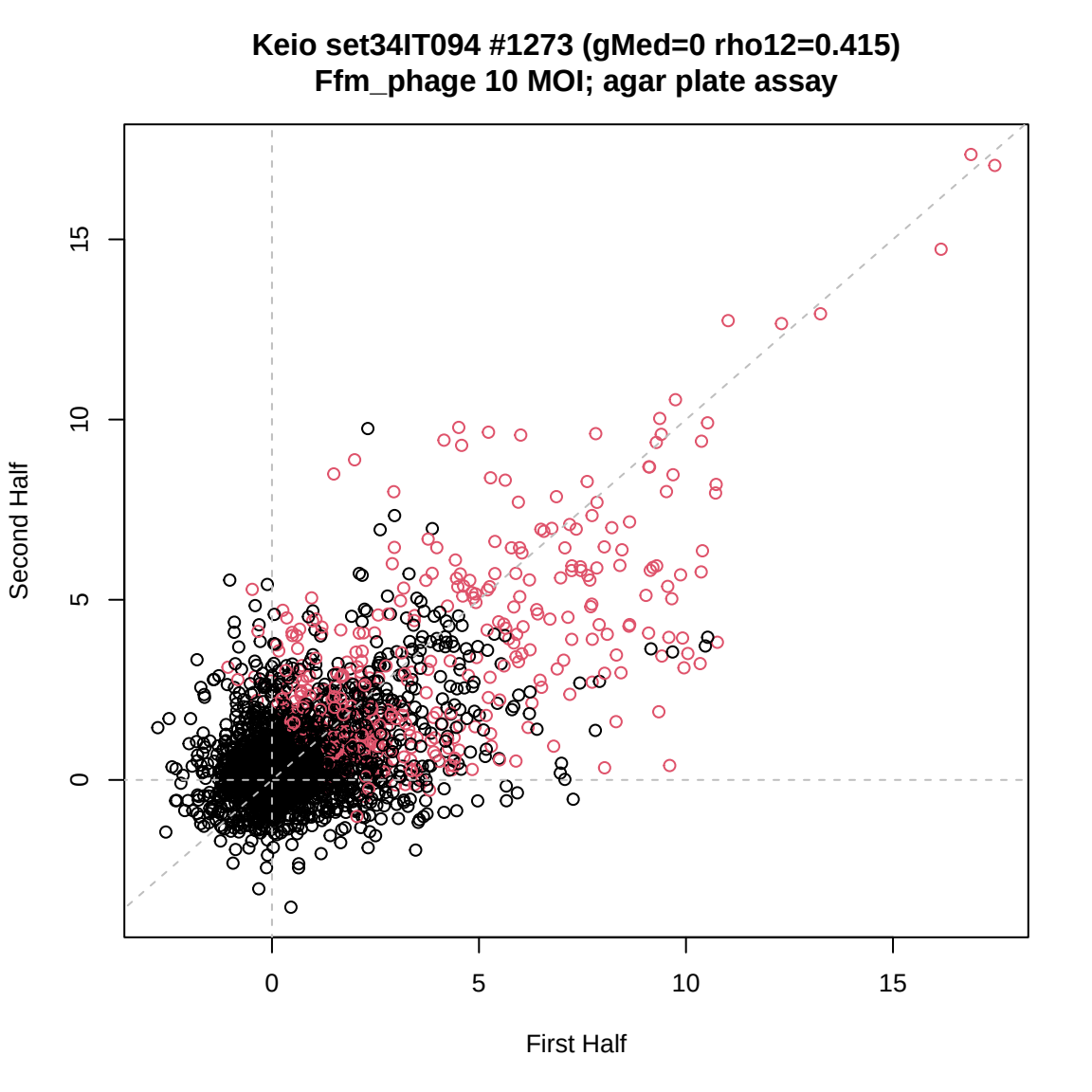

Keio set34IT089 #1268 (gMed=465 rho12=0.016)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

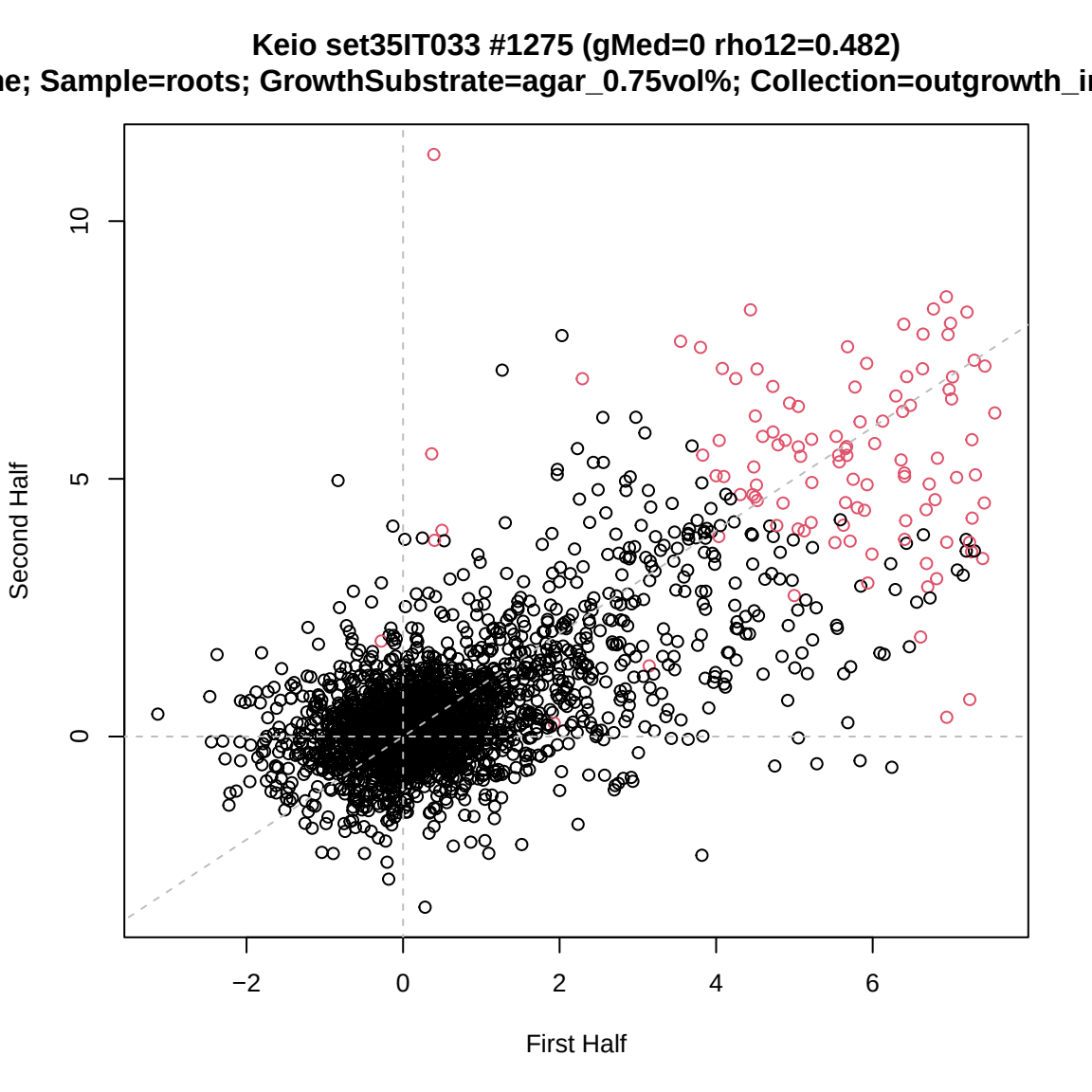

Keio set34IT090 #1269 (gMed=460 rho12=−0.017)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

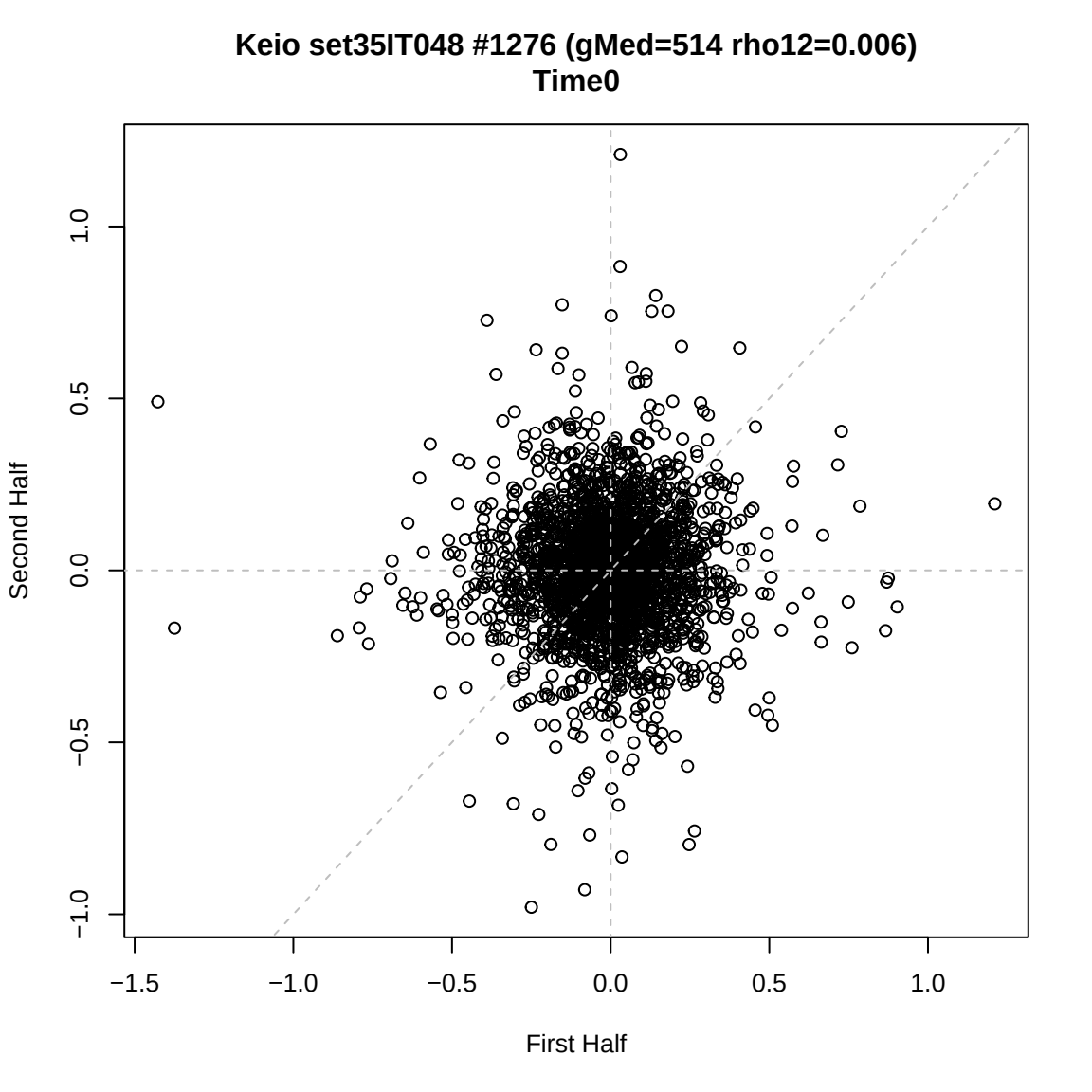

Keio set34IT091 #1270 (gMed=541 rho12=0.038)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

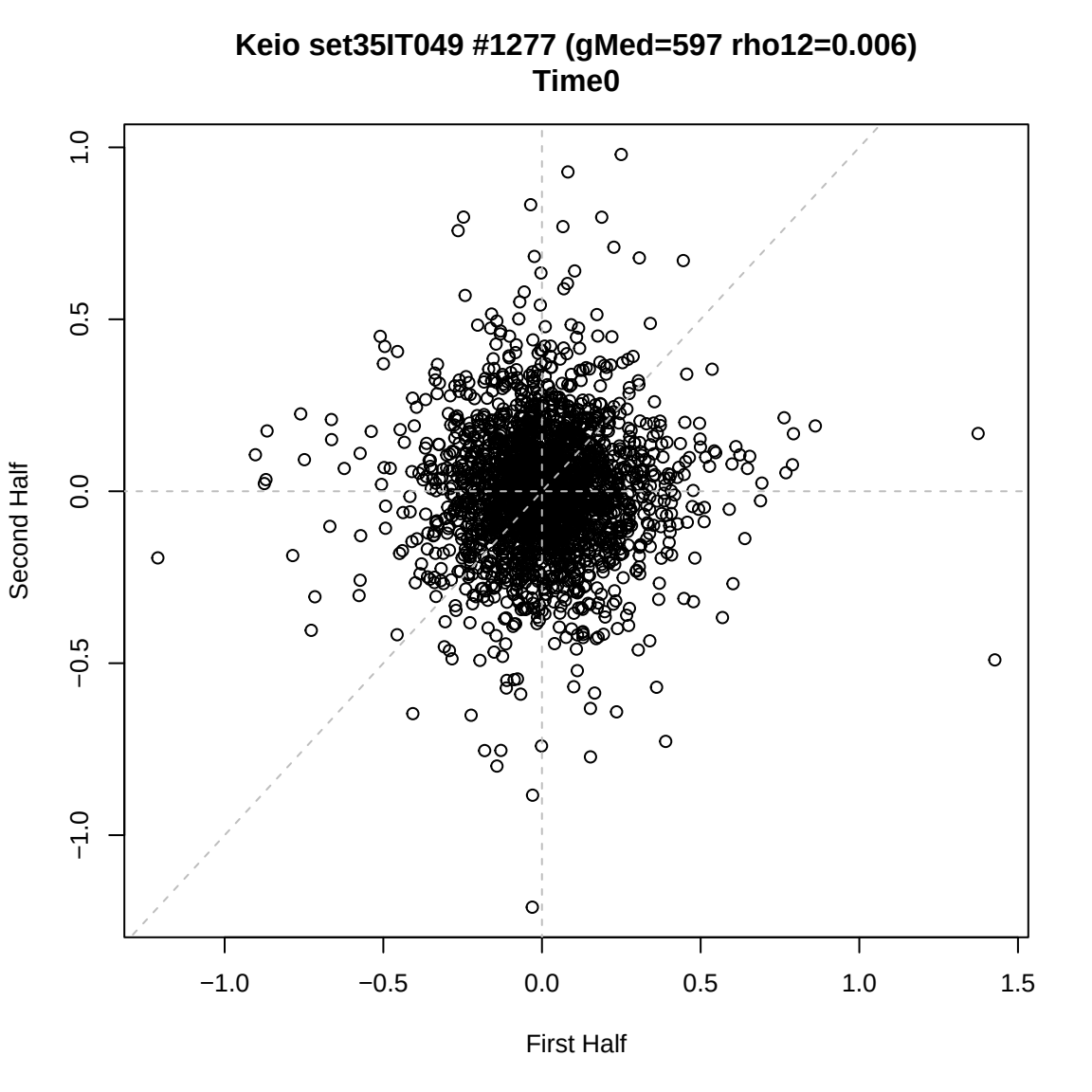

Keio set34IT092 #1271 (gMed=0 rho12=0.413)
6F2_phage 10 MOI; agar plate assay
Second Half
First Half
0
5
10
15

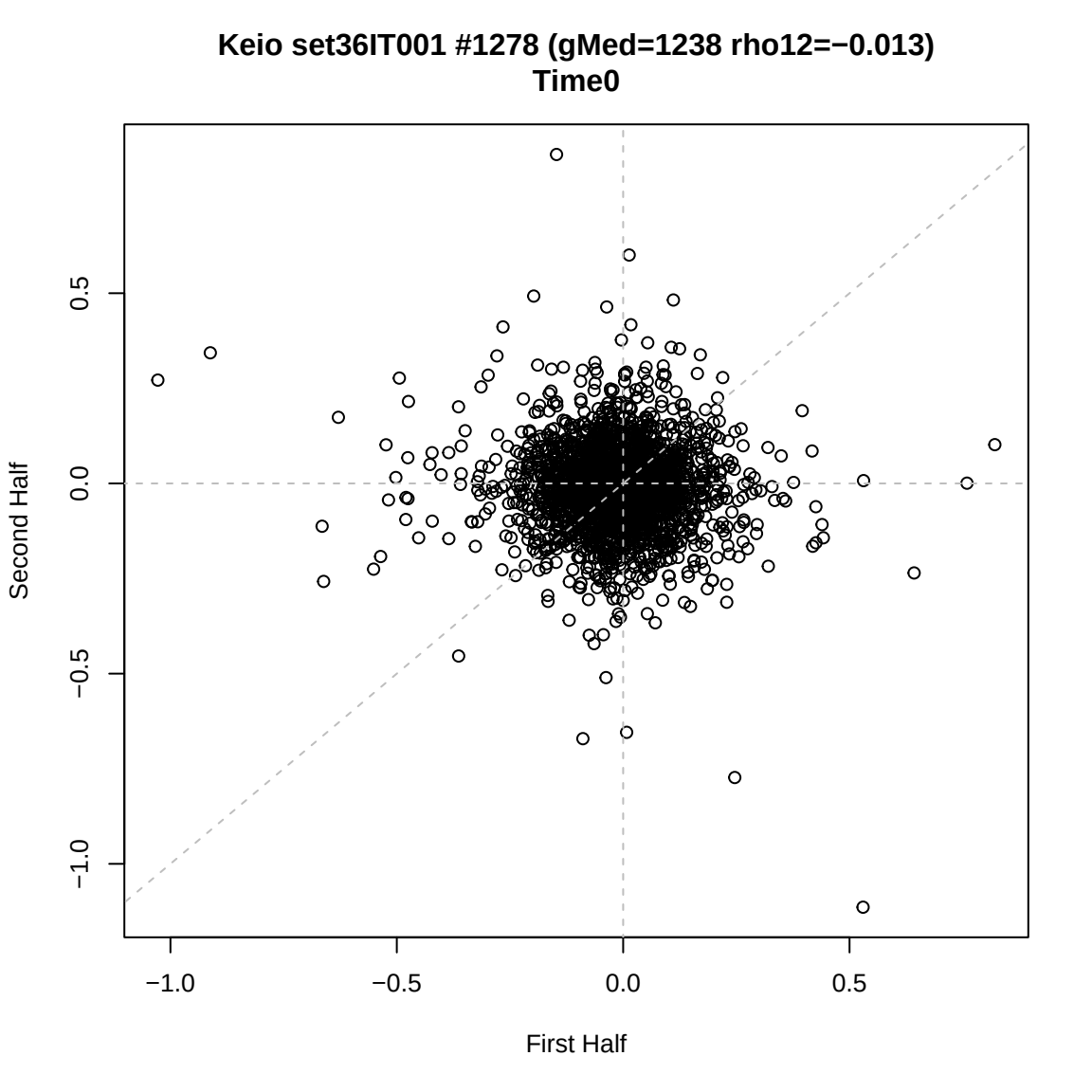

Keio set34IT093 #1272 (gMed=14 rho12=0.257)
Br60_phage 10 MOI; agar plate assay
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6
8

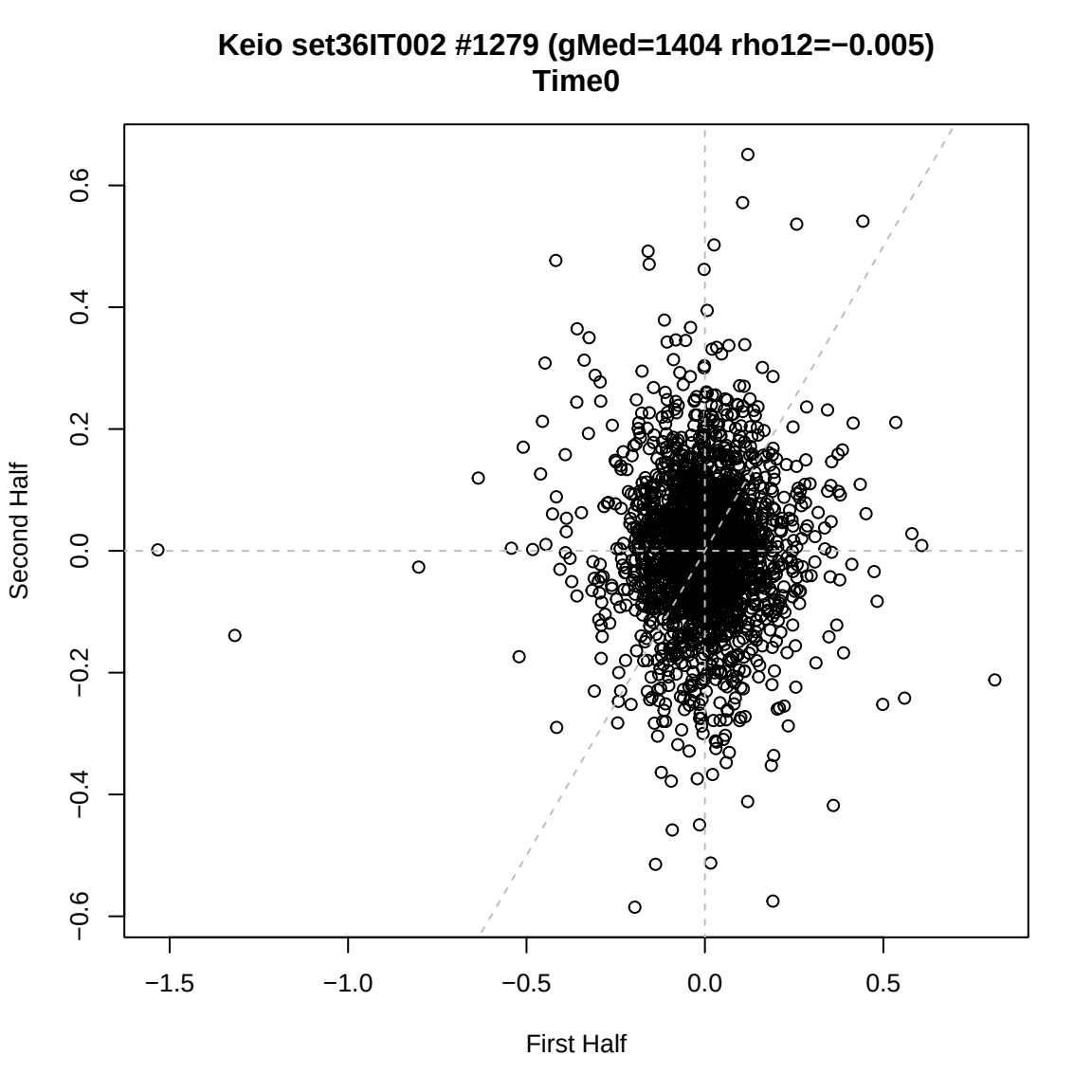

Keio set34IT094 #1273 (gMed=0 rho12=0.415)
Ffm_phage 10 MOI; agar plate assay
Second Half
First Half
0
5
10
15

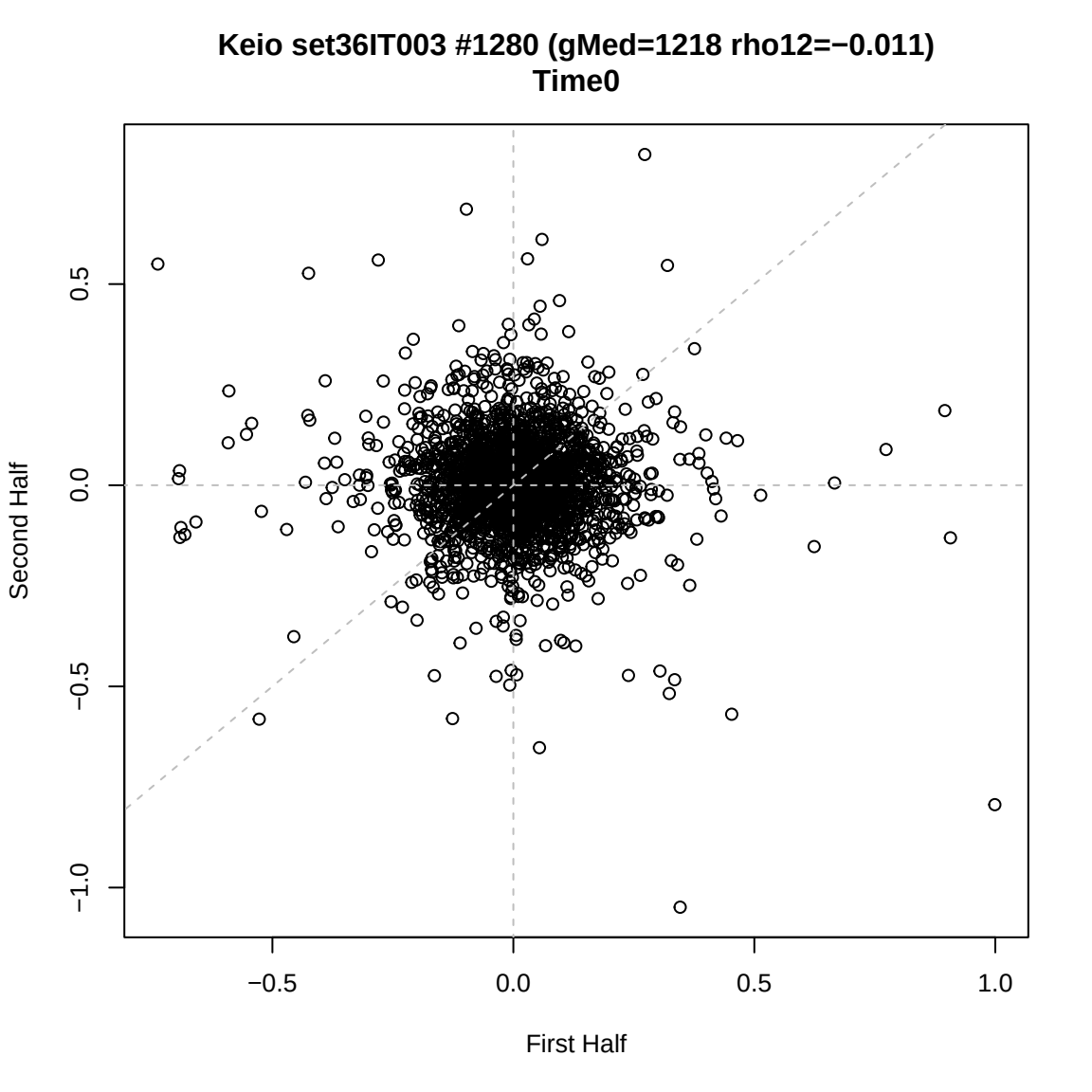

Keio set35IT033 #1275 (gMed=0 rho12=0.482)
e; Sample=roots; GrowthSubstrate=agar_0.75vol%; Collection=outgrowth_i
Second Half
10
5
0
−2
0
2
4
6
First Half

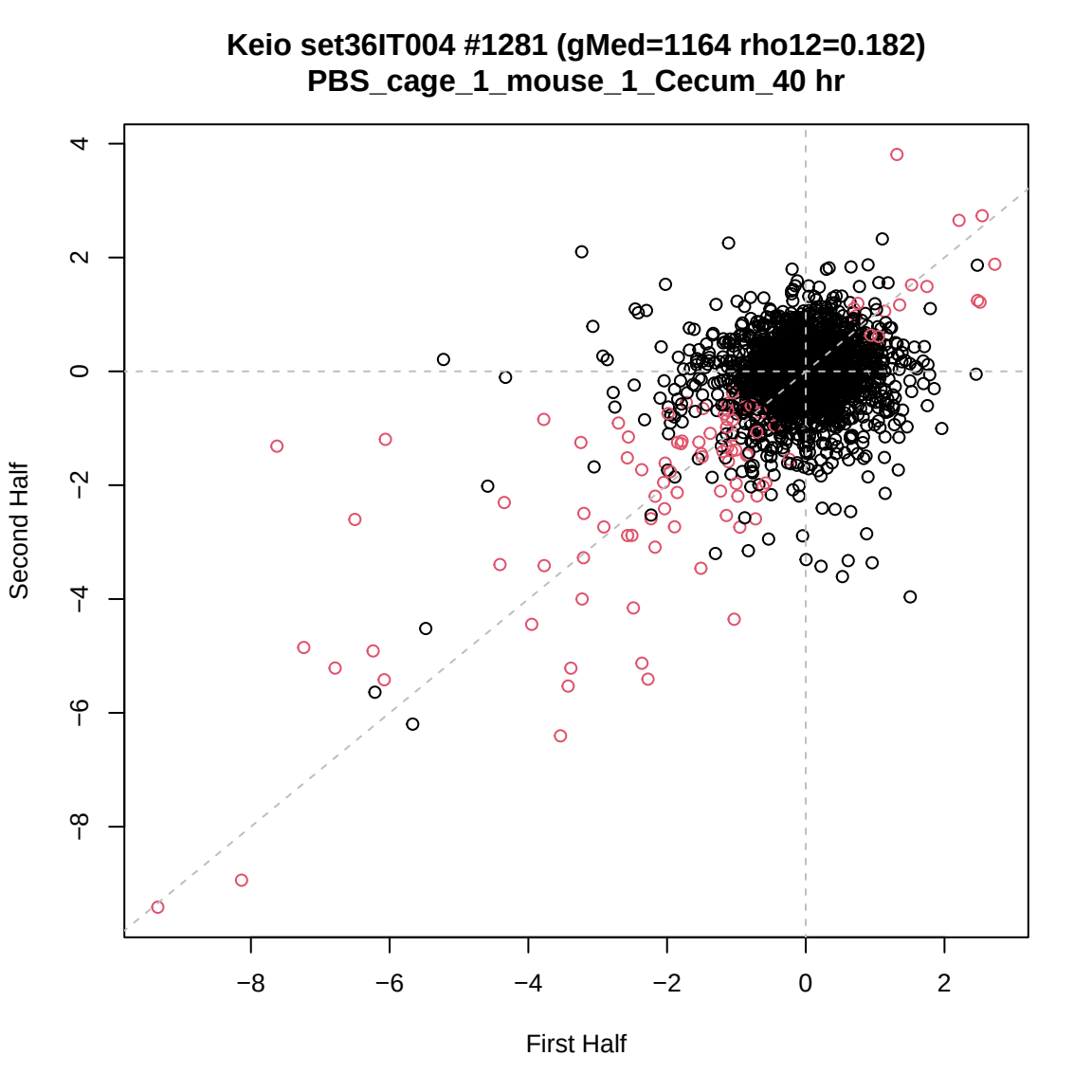

Keio set35IT048 #1276 (gMed=514 rho12=0.006)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

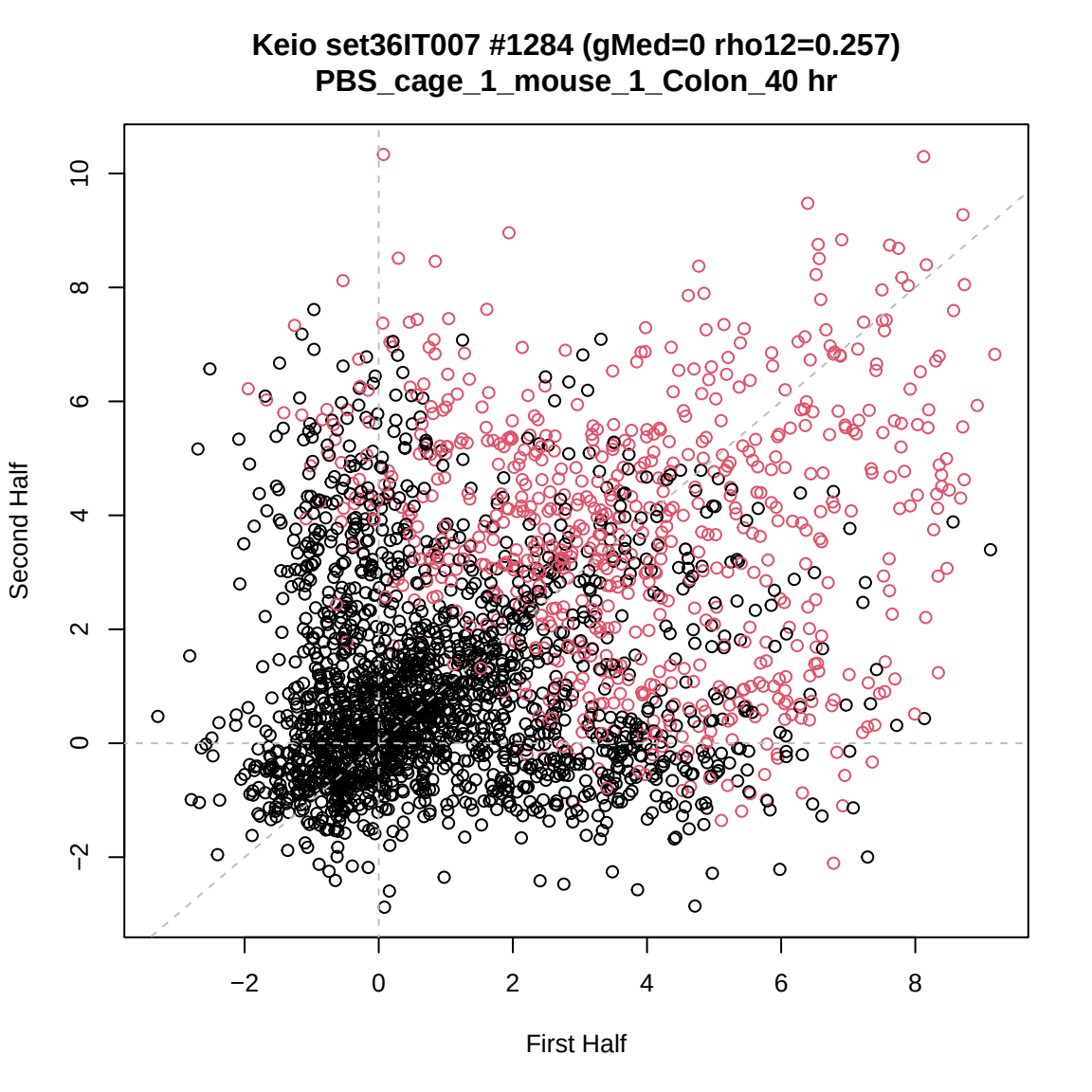

Keio set35IT049 #1277 (gMed=597 rho12=0.006)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

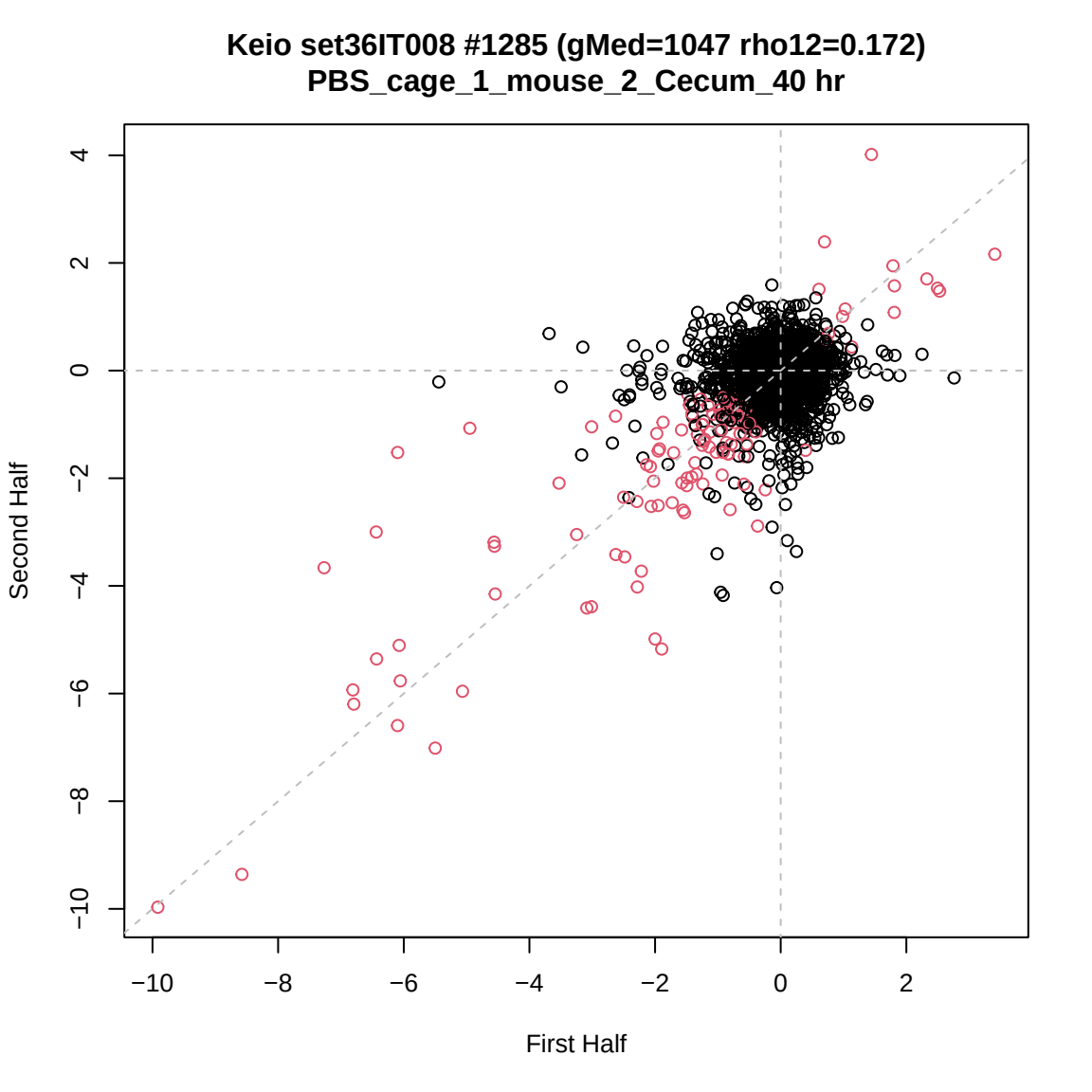

Keio set36IT001 #1278 (gMed=1238 rho12=−0.013)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

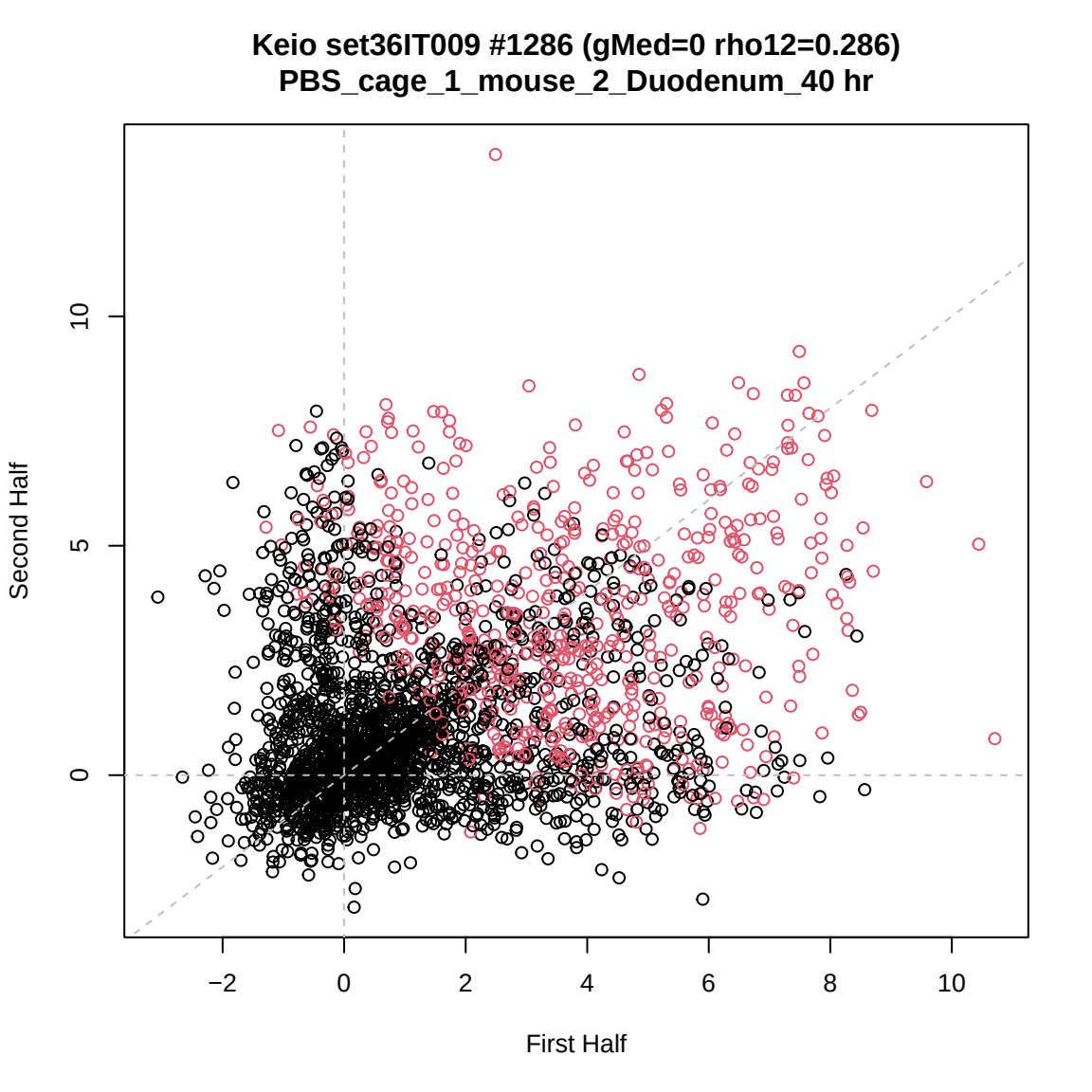

Keio set36IT002 #1279 (gMed=1404 rho12=−0.005)
Time0
Second Half
First Half
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−1.5
−1.0
−0.5
0.0
0.5

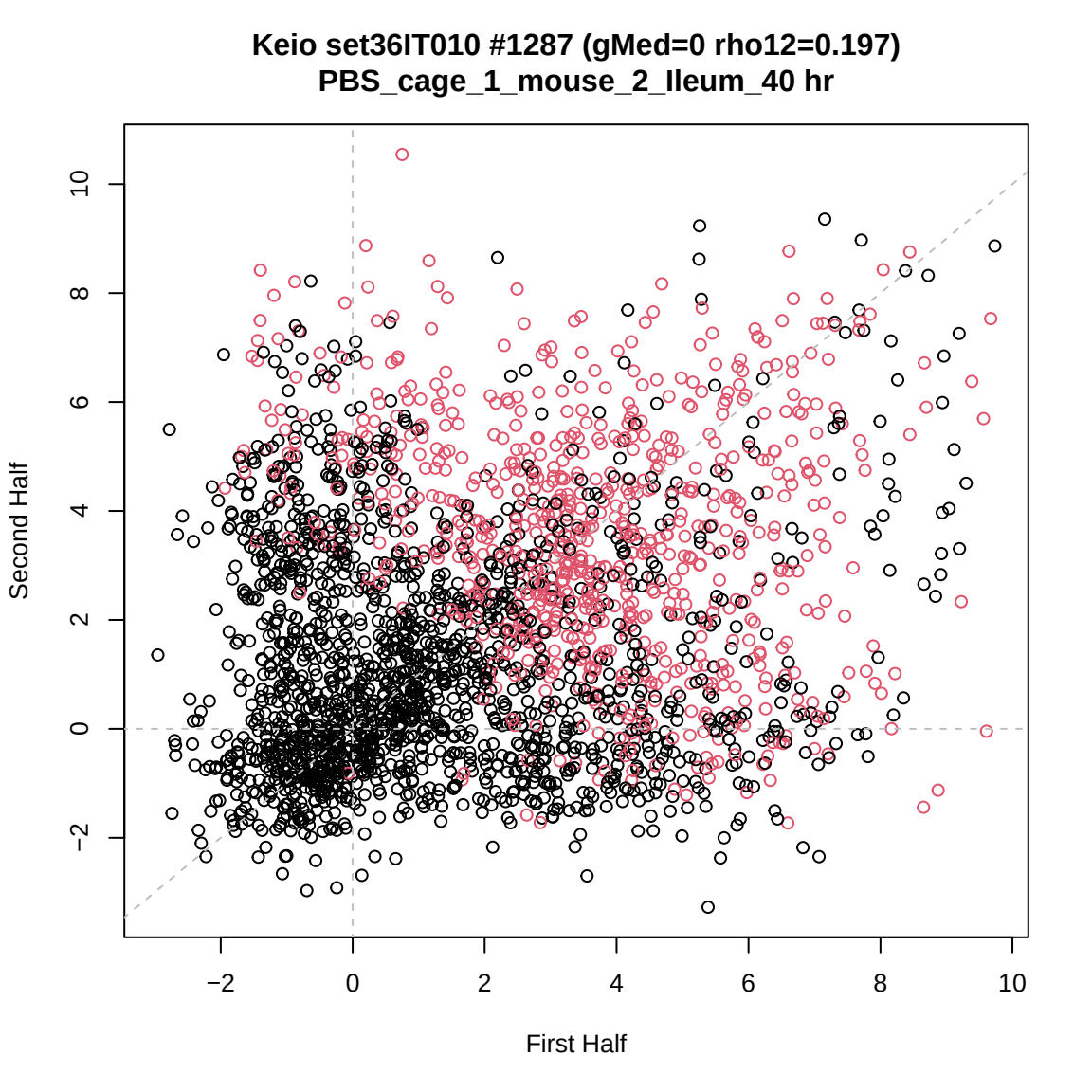

Keio set36IT003 #1280 (gMed=1218 rho12=−0.011)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

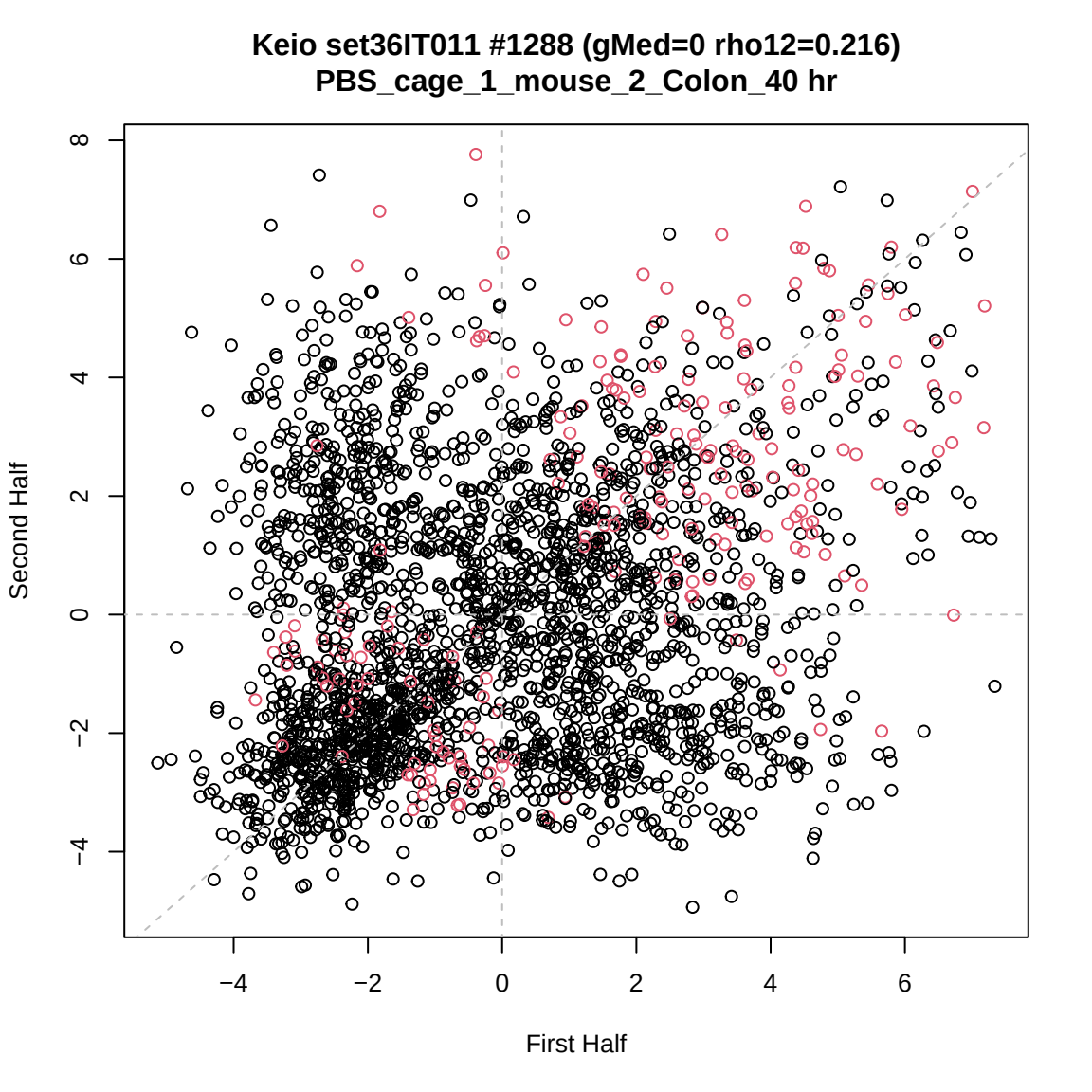

Keio set36IT004 #1281 (gMed=1164 rho12=0.182)
PBS_cage_1_mouse_1_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

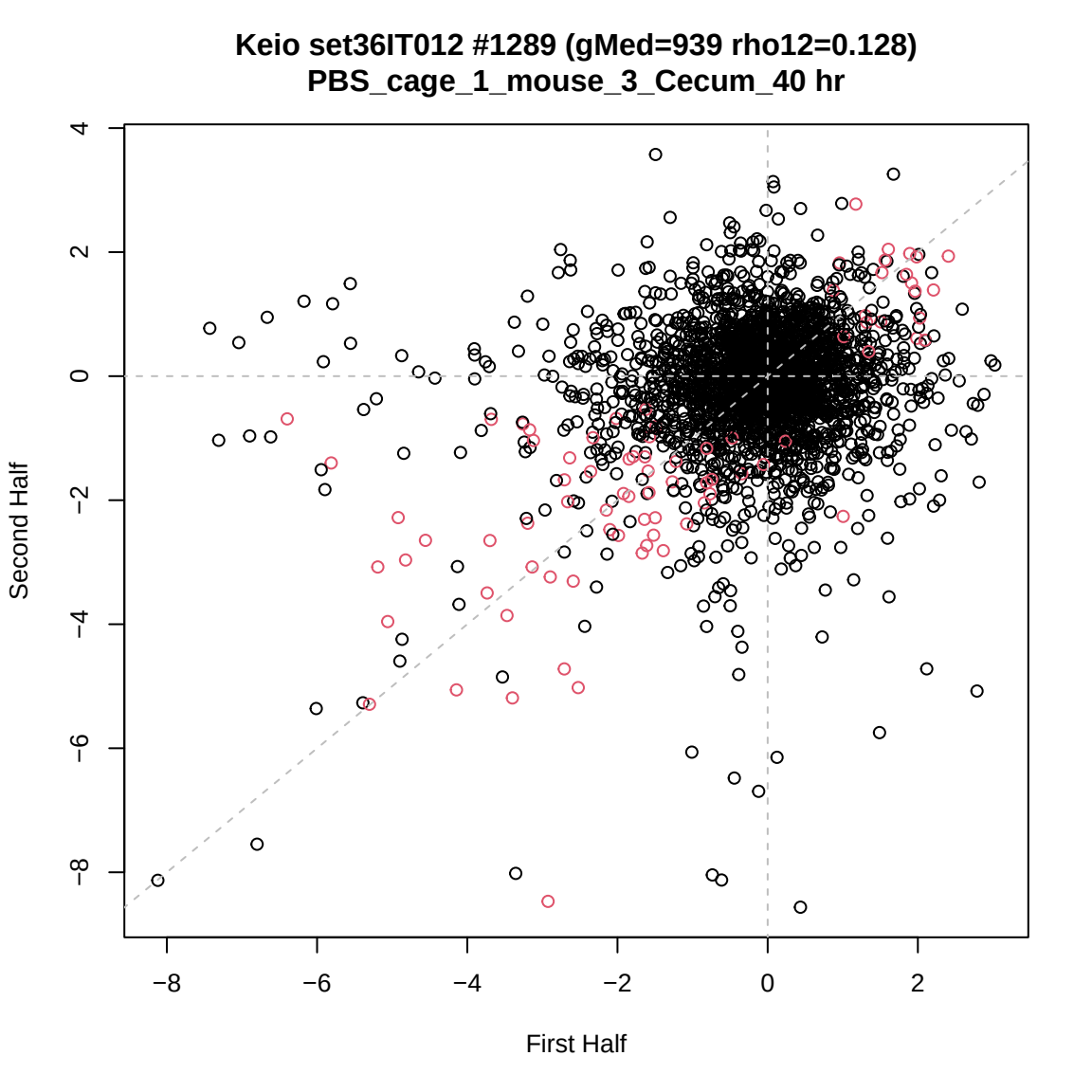

Keio set36IT007 #1284 (gMed=0 rho12=0.257)
PBS_cage_1_mouse_1_Colon_40 hr
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

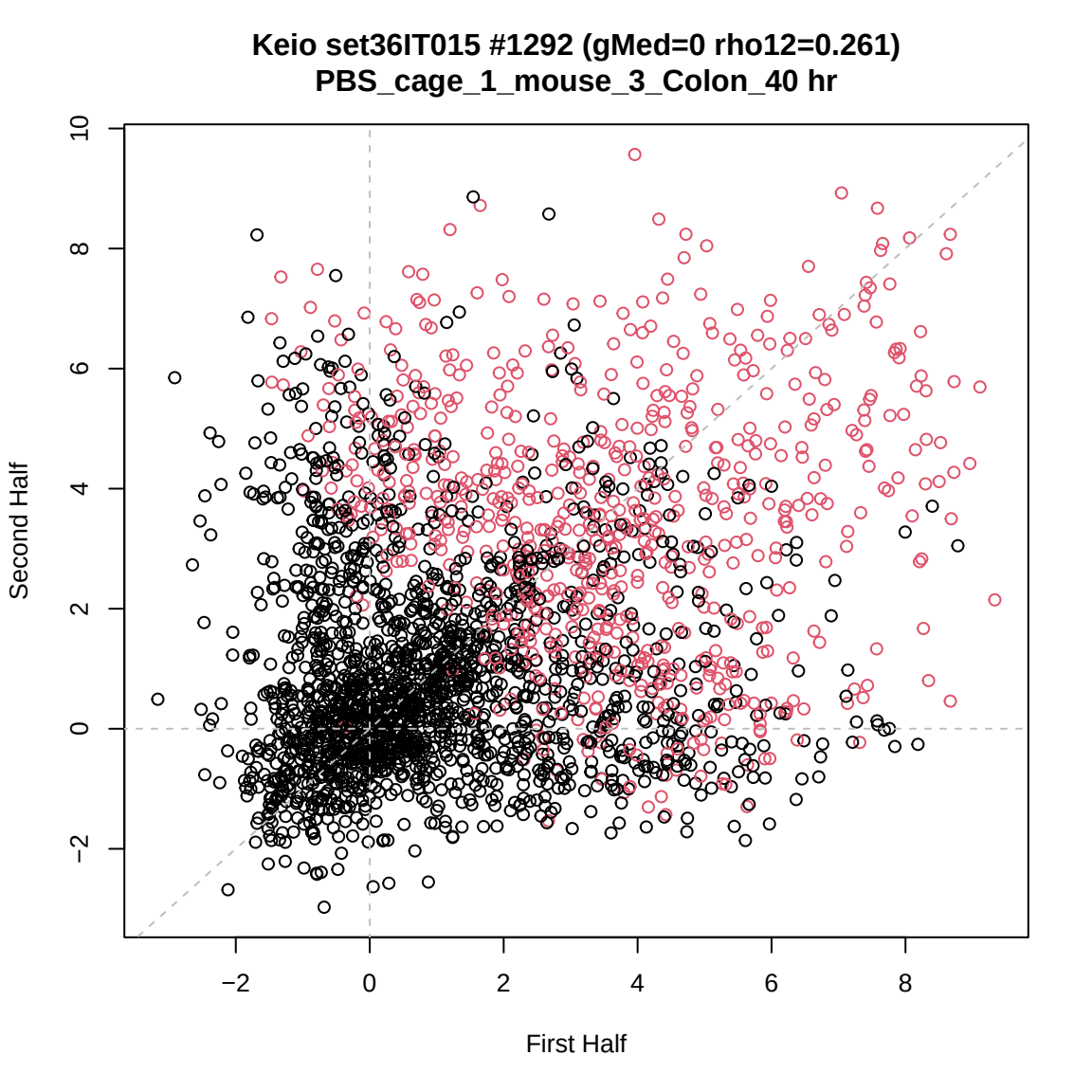

Keio set36IT008 #1285 (gMed=1047 rho12=0.172)
PBS_cage_1_mouse_2_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

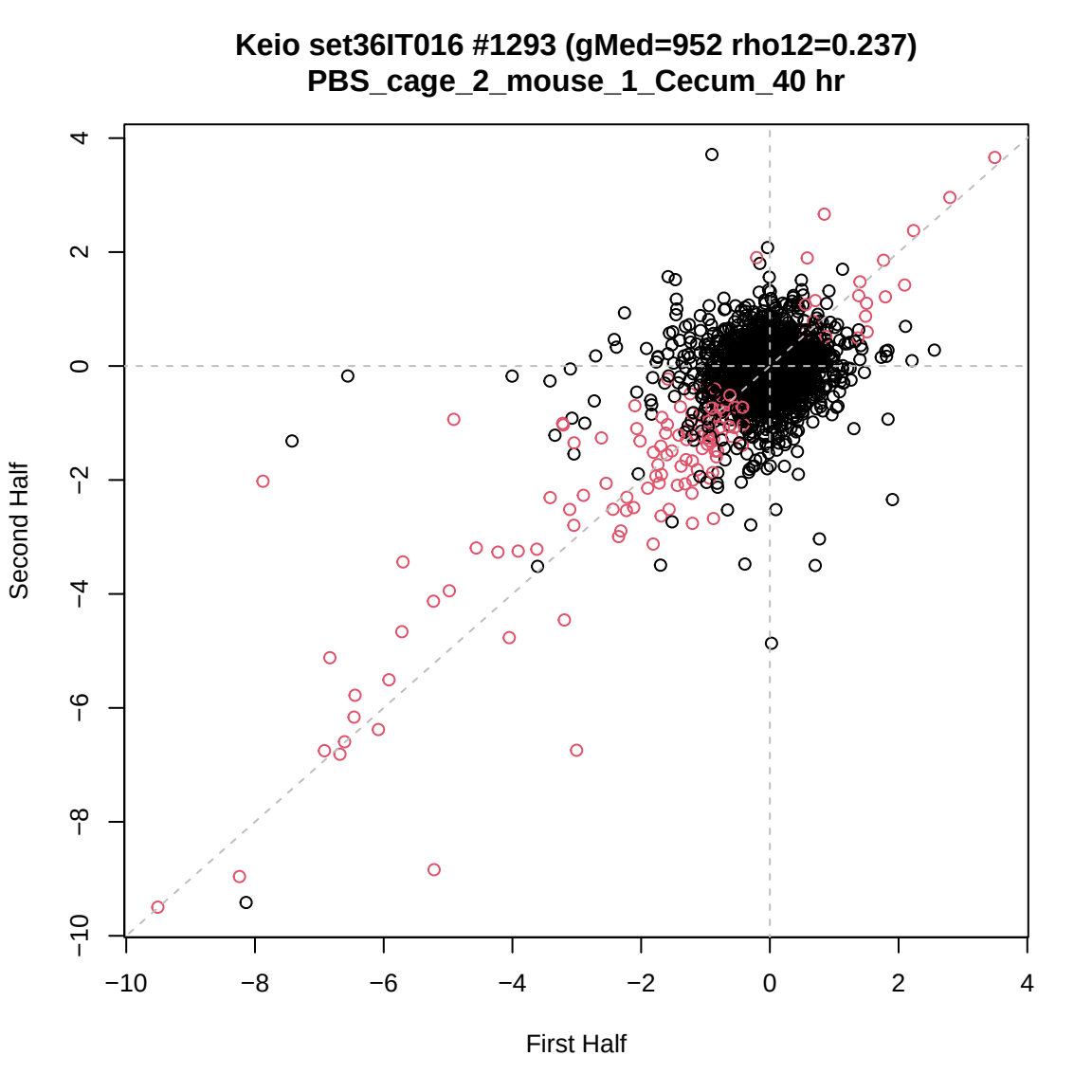

Keio set36IT009 #1286 (gMed=0 rho12=0.286)
PBS_cage_1_mouse_2_Duodenum_40 hr
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

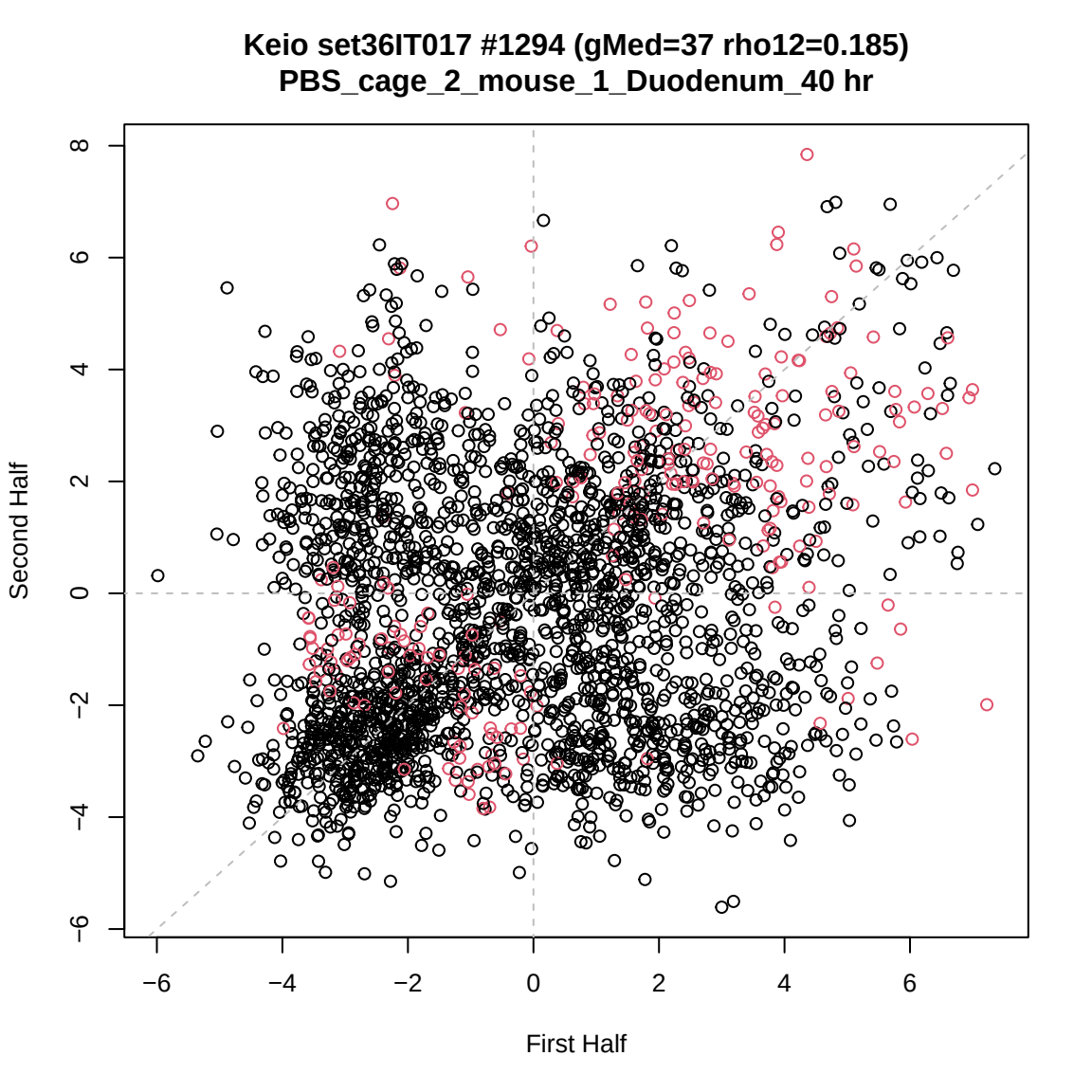

Keio set36IT010 #1287 (gMed=0 rho12=0.197)
PBS_cage_1_mouse_2_Ileum_40 hr
Second Half
First Half
−2
0
2
4
6
8
10

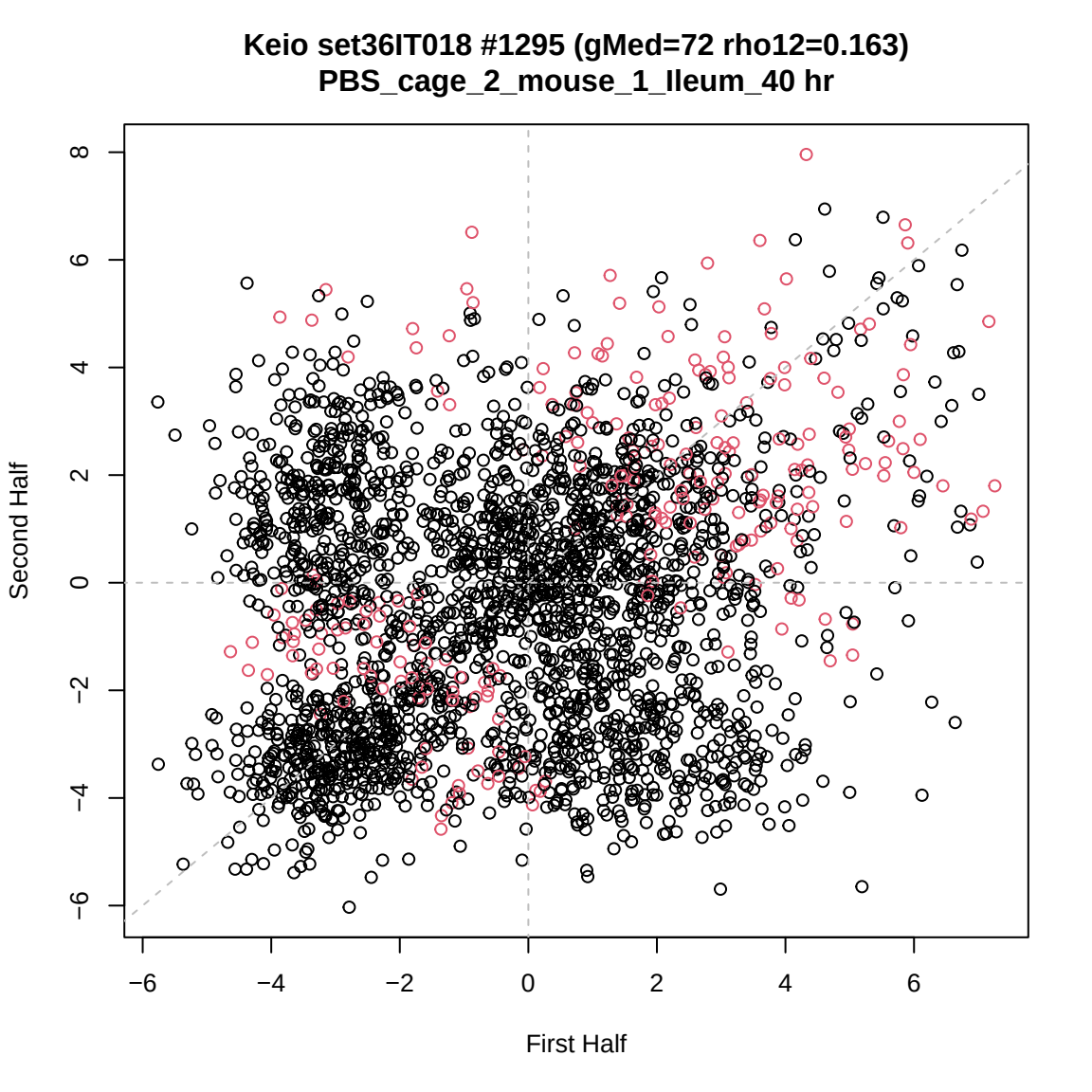

Keio set36IT011 #1288 (gMed=0 rho12=0.216)
PBS_cage_1_mouse_2_Colon_40 hr
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6

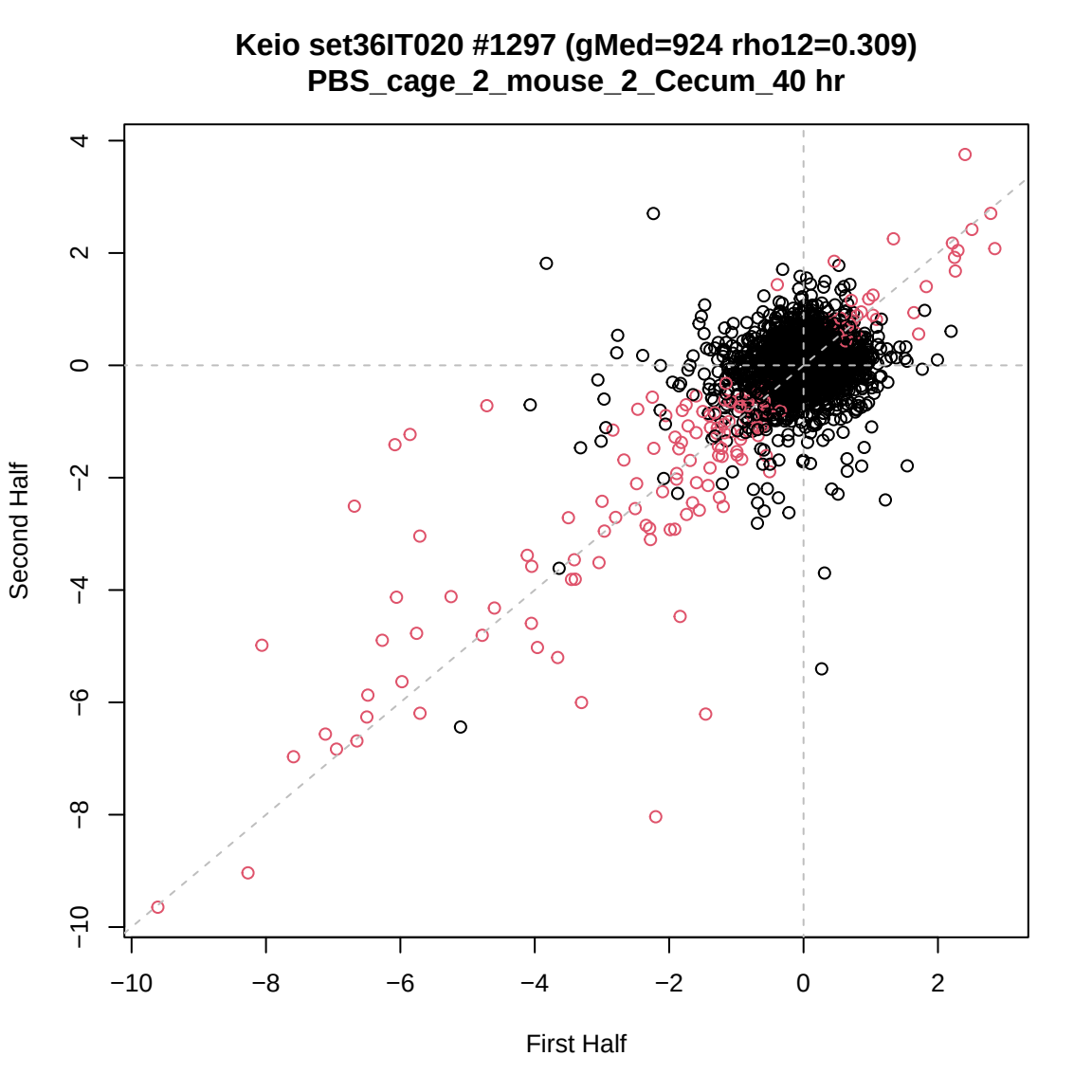

Keio set36IT012 #1289 (gMed=939 rho12=0.128)
PBS_cage_1_mouse_3_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

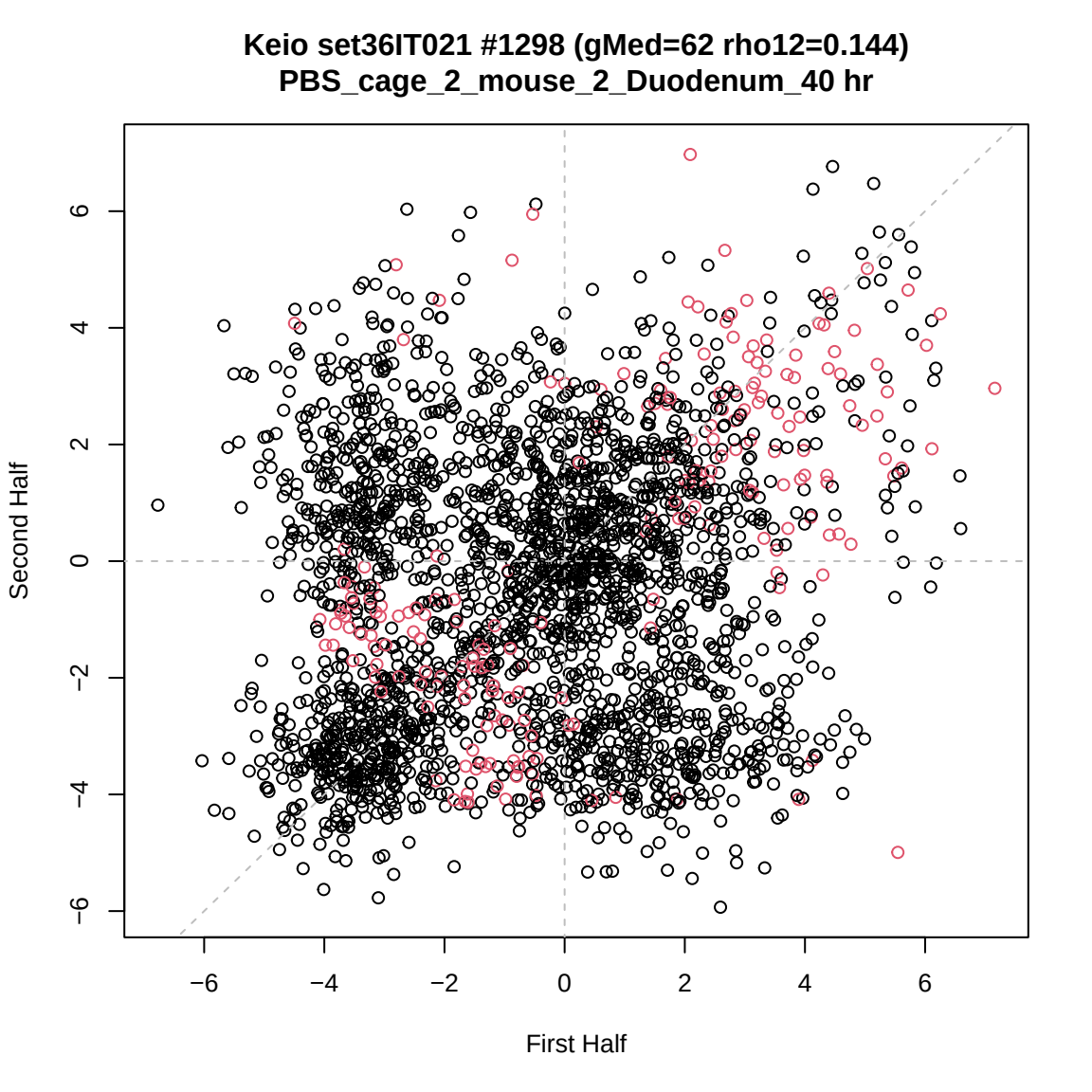

Keio set36IT015 #1292 (gMed=0 rho12=0.261)
PBS_cage_1_mouse_3_Colon_40 hr
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

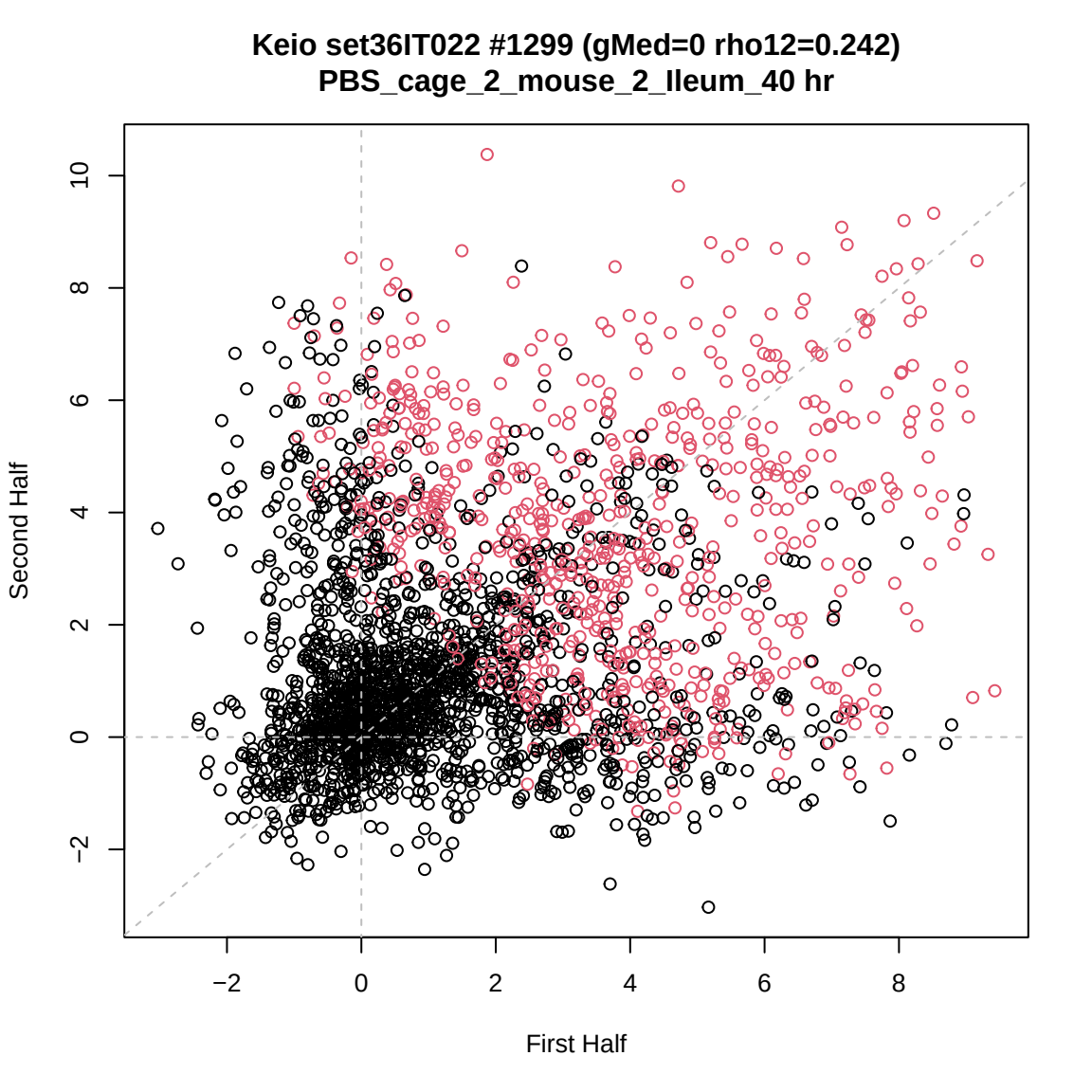

Keio set36IT016 #1293 (gMed=952 rho12=0.237)
PBS_cage_2_mouse_1_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2
4

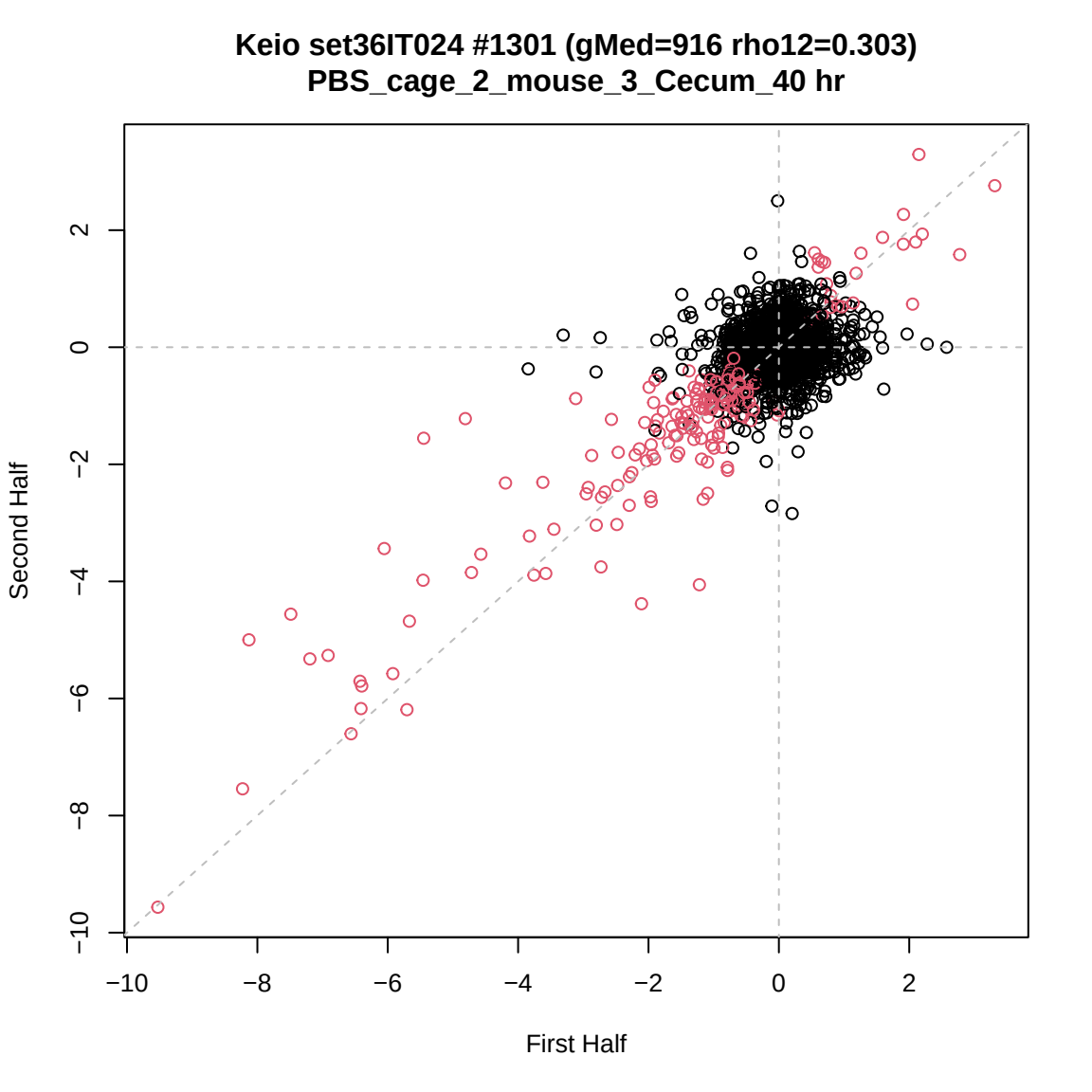

Keio set36IT017 #1294 (gMed=37 rho12=0.185)
PBS_cage_2_mouse_1_Duodenum_40 hr
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

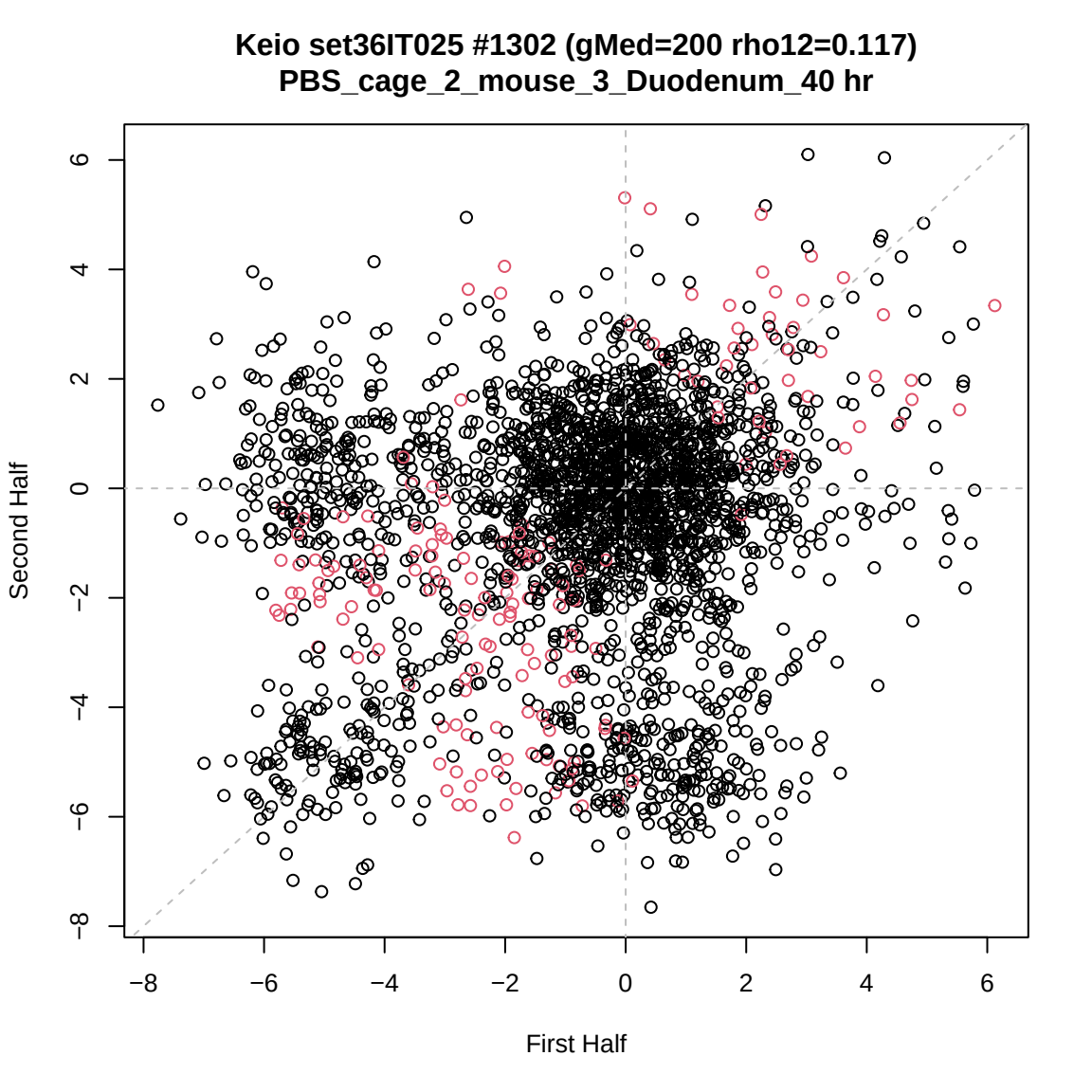

Keio set36IT018 #1295 (gMed=72 rho12=0.163)
PBS_cage_2_mouse_1_Ileum_40 hr
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

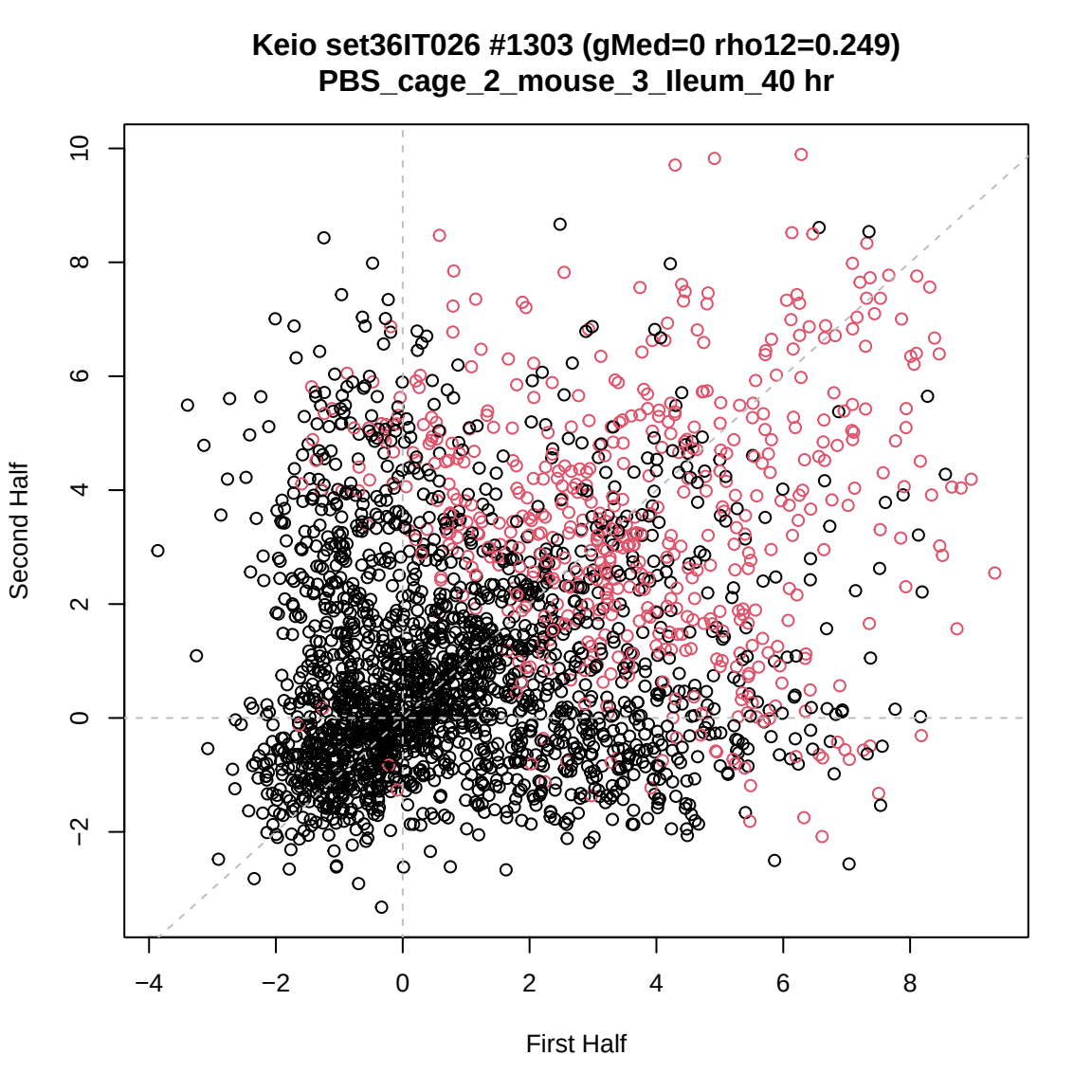

Keio set36IT020 #1297 (gMed=924 rho12=0.309)
PBS_cage_2_mouse_2_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

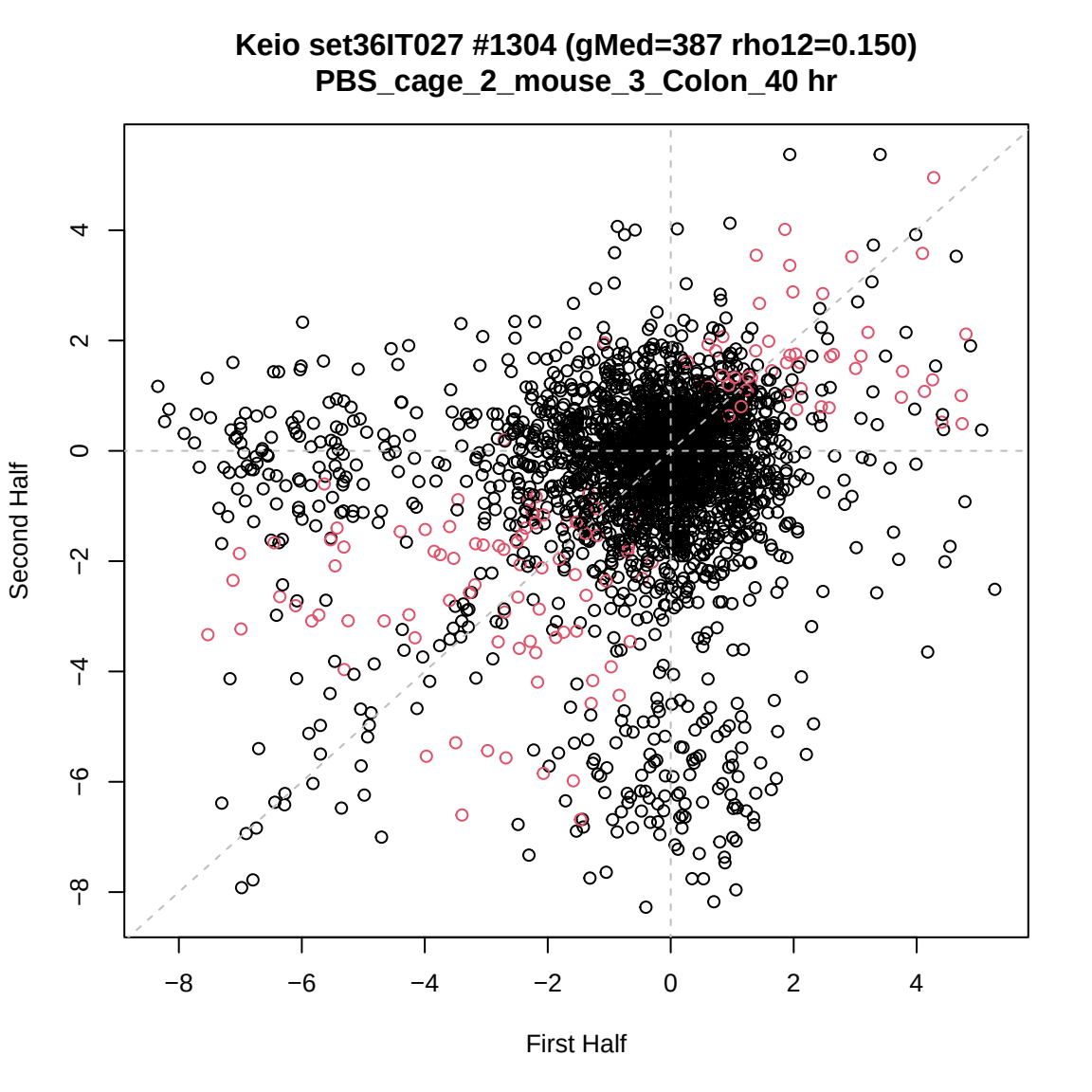

Keio set36IT021 #1298 (gMed=62 rho12=0.144)
PBS_cage_2_mouse_2_Duodenum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

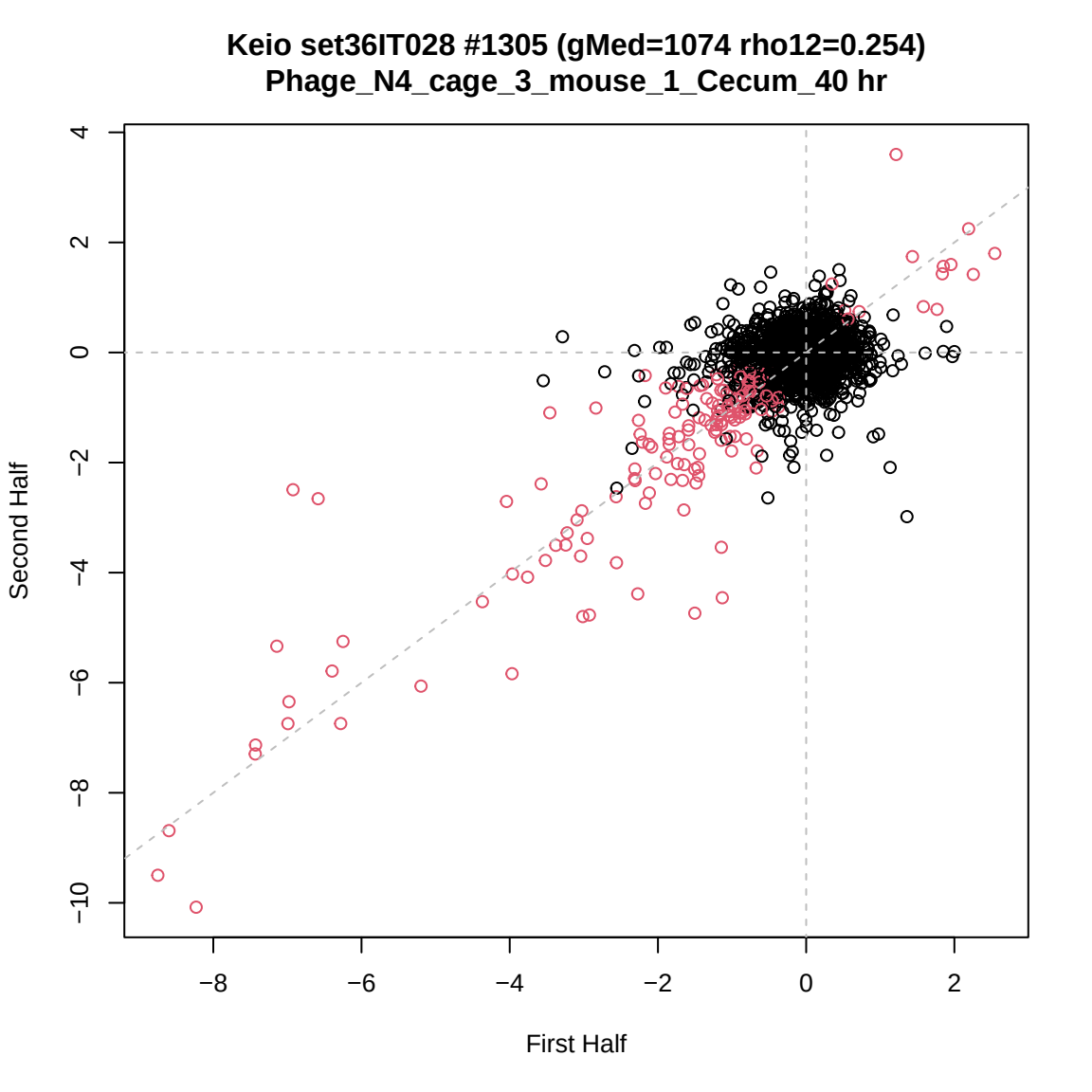

Keio set36IT022 #1299 (gMed=0 rho12=0.242)
PBS_cage_2_mouse_2_Ileum_40 hr
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

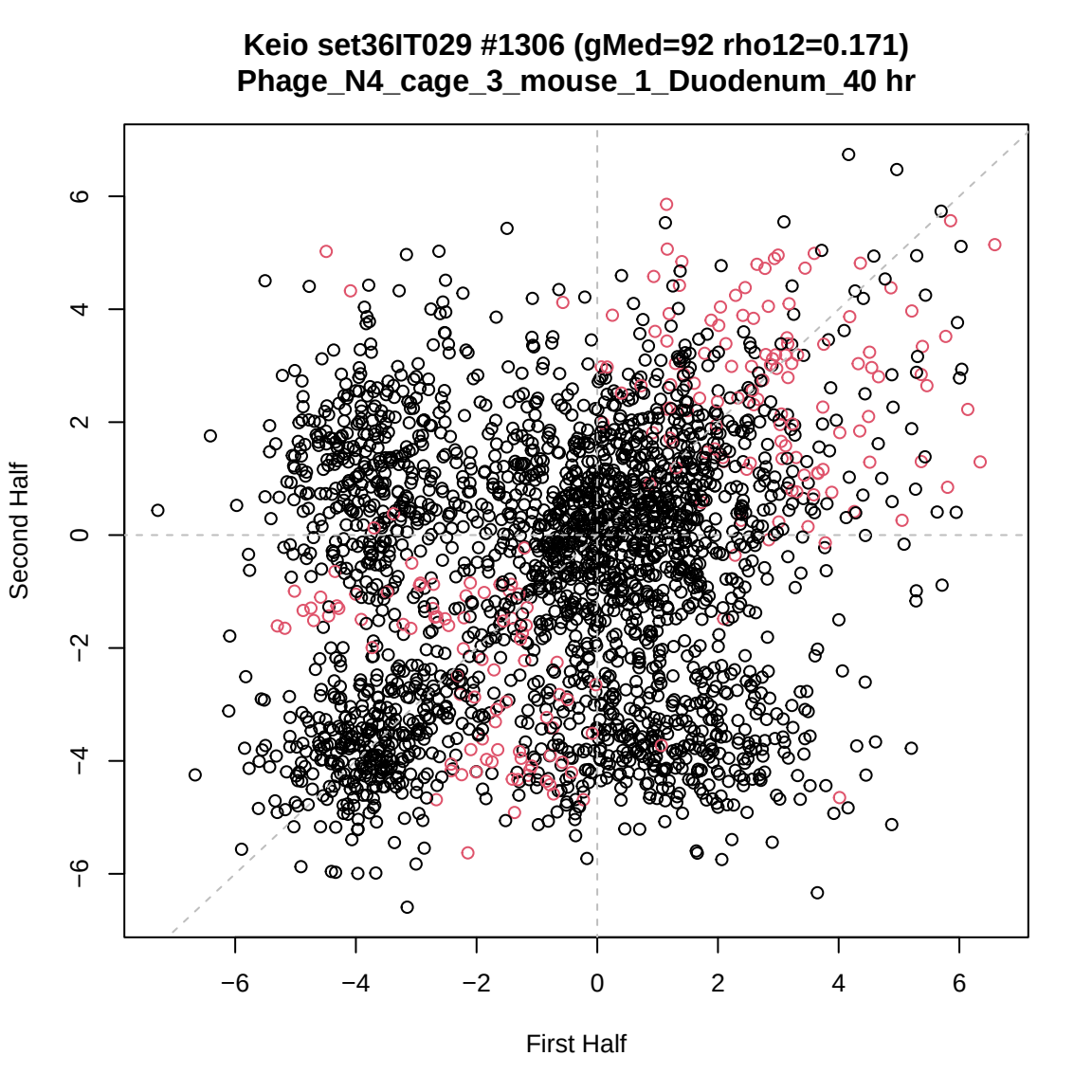

Keio set36IT024 #1301 (gMed=916 rho12=0.303)
PBS_cage_2_mouse_3_Cecum_40 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

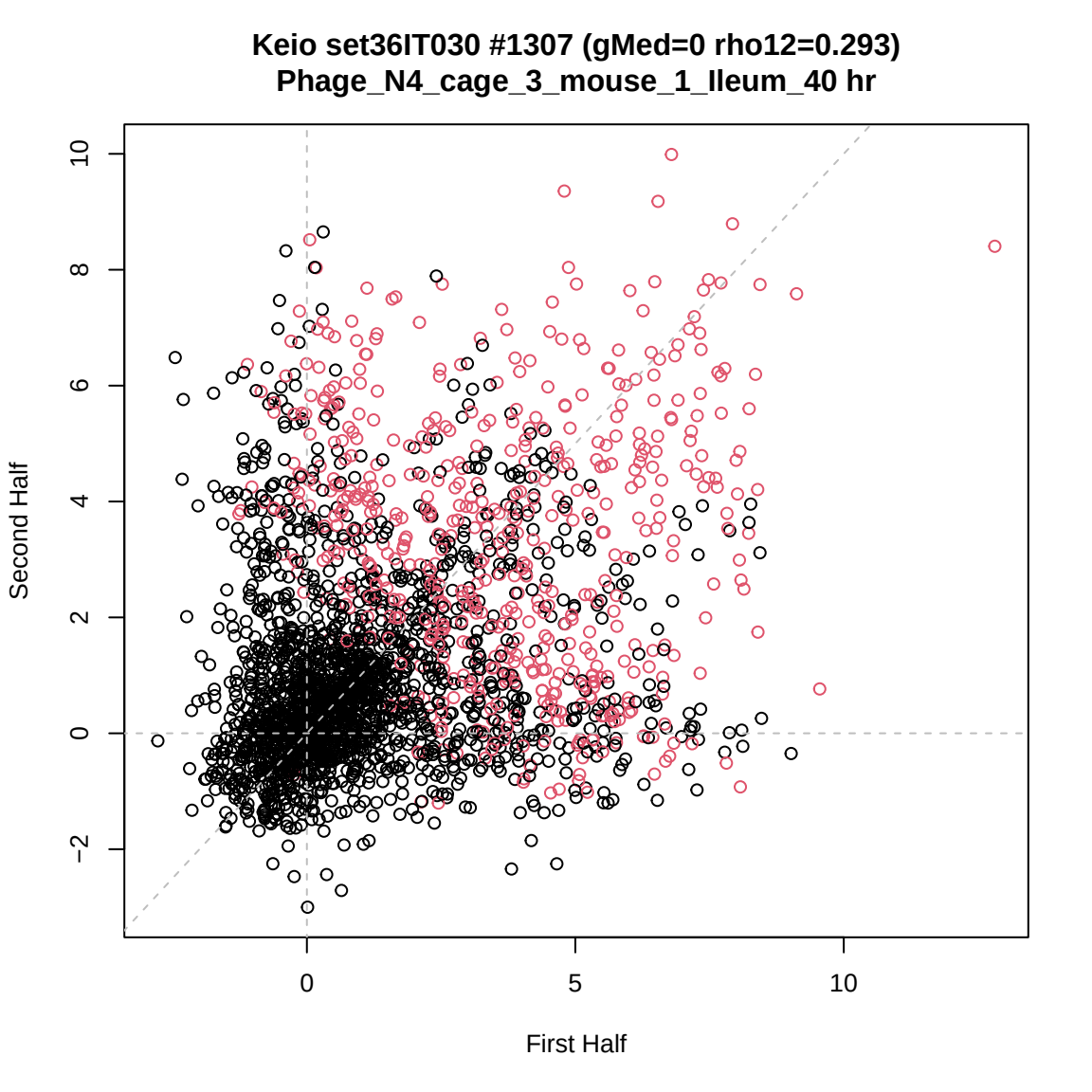

Keio set36IT025 #1302 (gMed=200 rho12=0.117)
PBS_cage_2_mouse_3_Duodenum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4
6

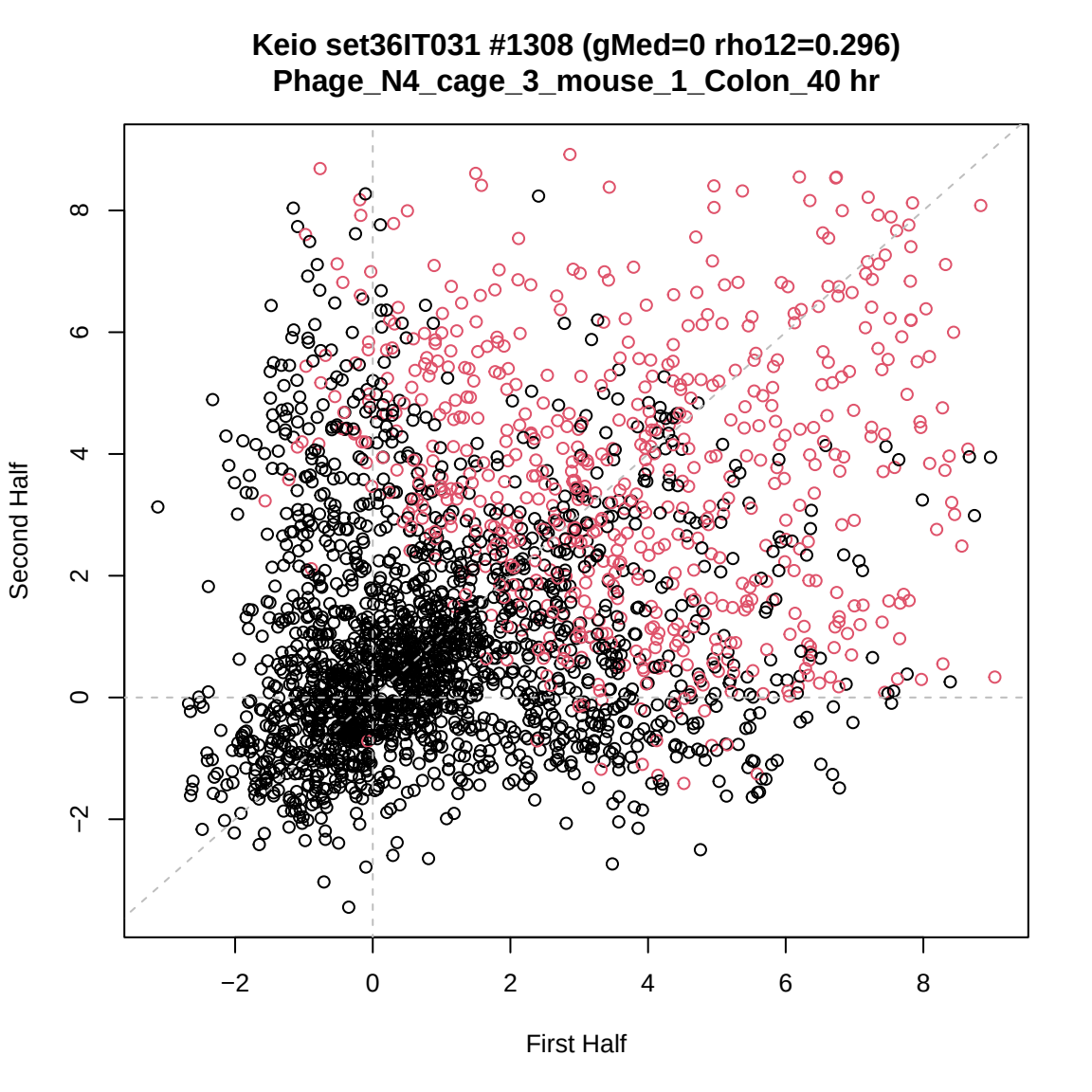

Keio set36IT026 #1303 (gMed=0 rho12=0.249)
PBS_cage_2_mouse_3_Ileum_40 hr
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

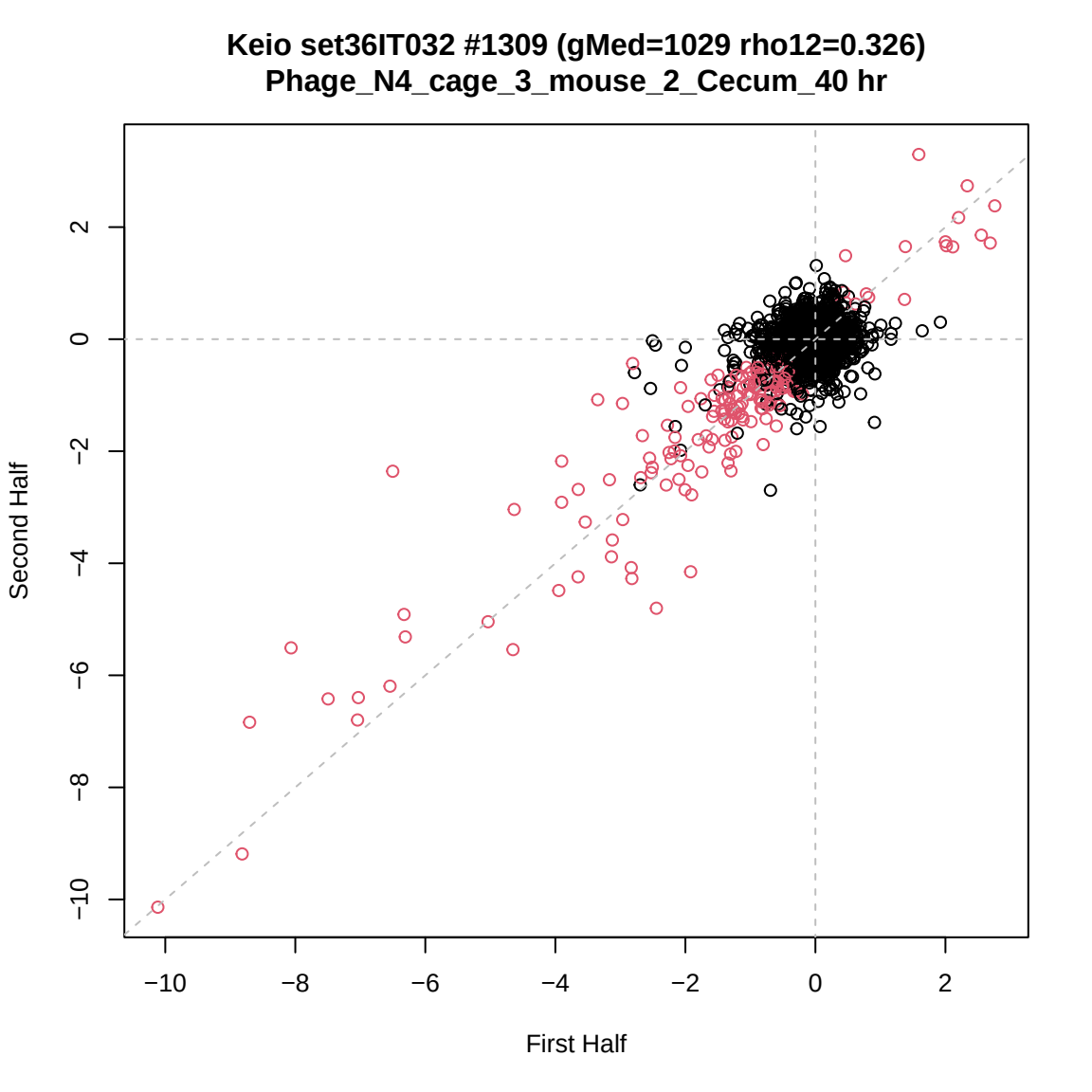

Keio set36IT027 #1304 (gMed=387 rho12=0.150)
PBS_cage_2_mouse_3_Colon_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

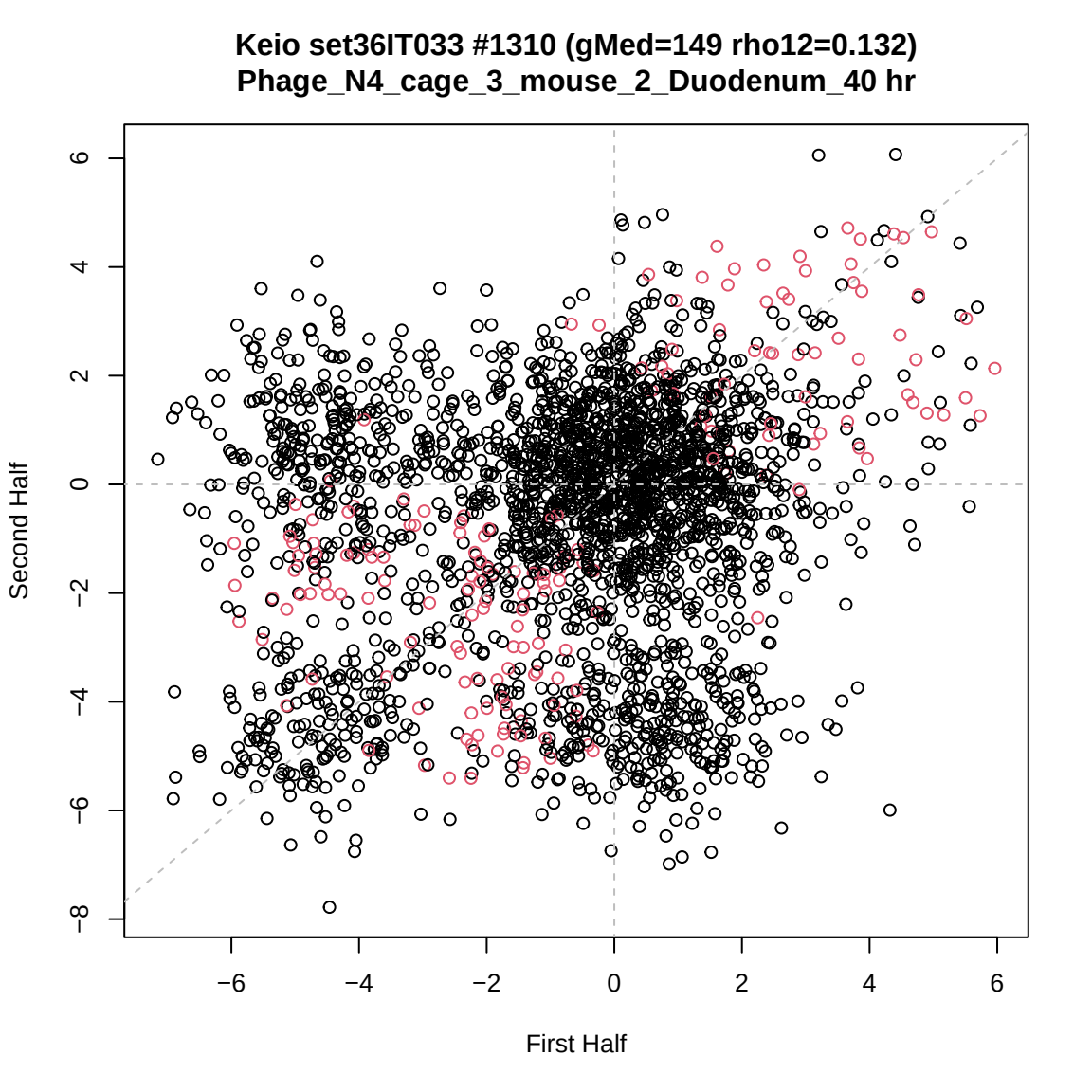

Keio set36IT028 #1305 (gMed=1074 rho12=0.254)
Phage_N4_cage_3_mouse_1_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

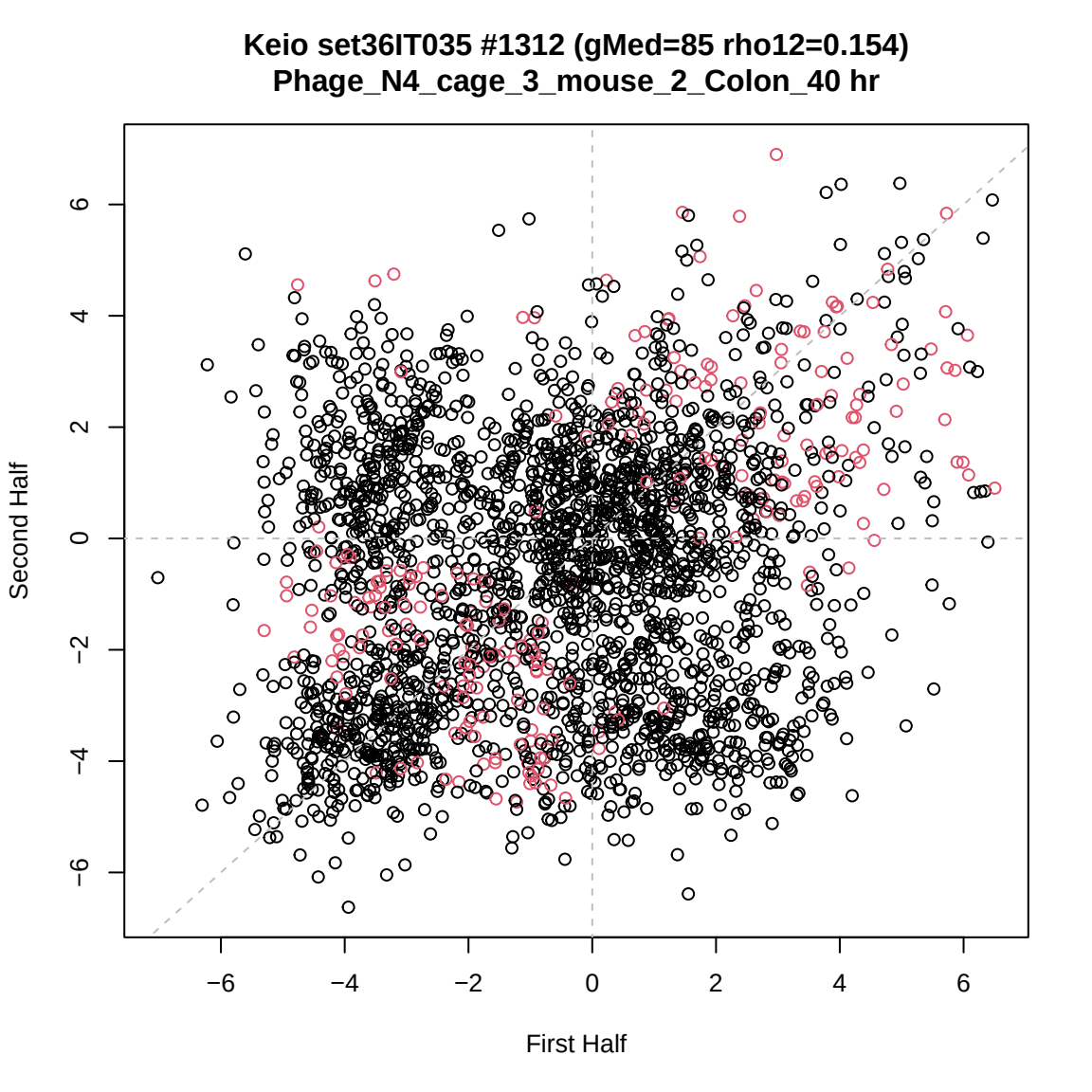

Keio set36IT029 #1306 (gMed=92 rho12=0.171)
Phage_N4_cage_3_mouse_1_Duodenum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

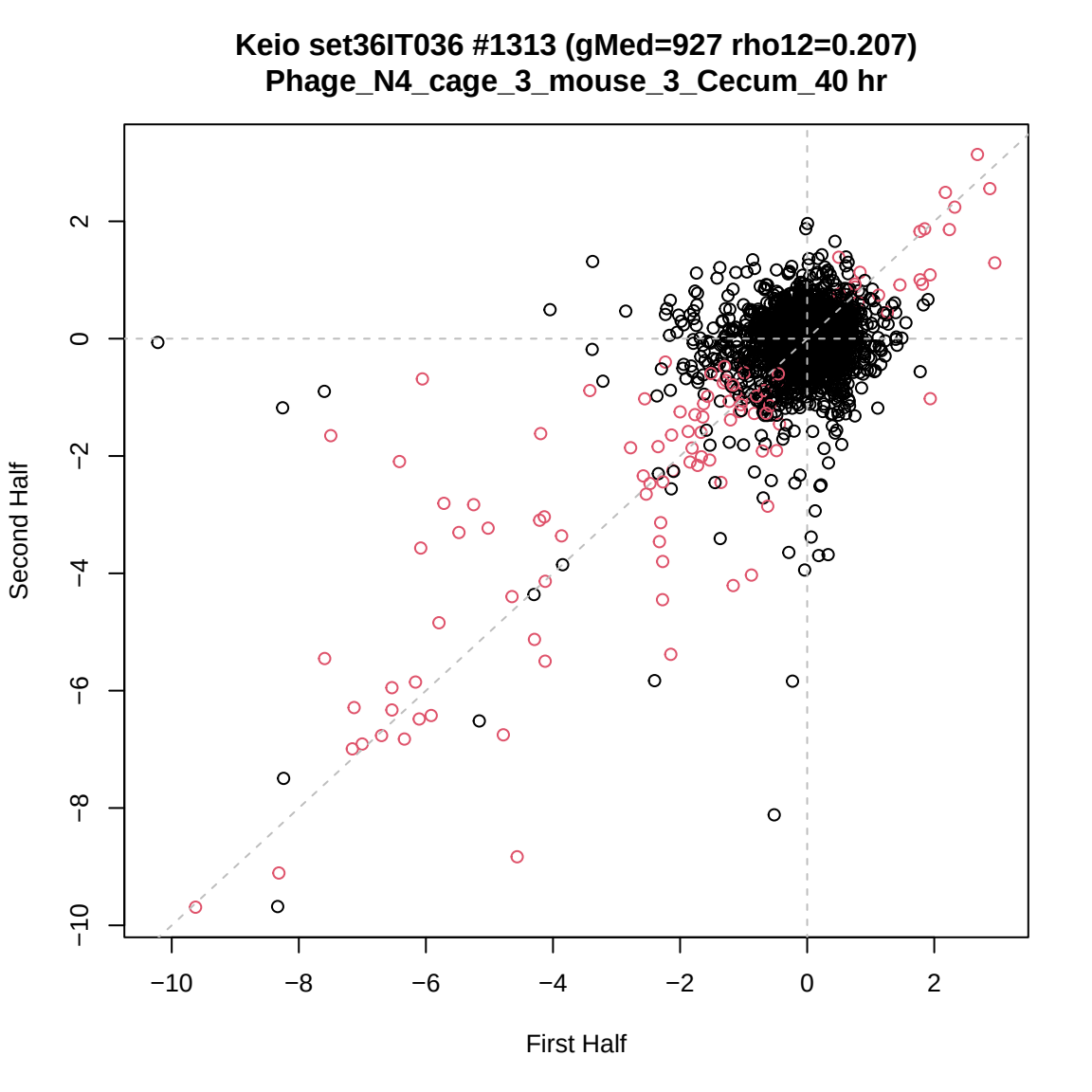

Keio set36IT030 #1307 (gMed=0 rho12=0.293)
Phage_N4_cage_3_mouse_1_Ileum_40 hr
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10

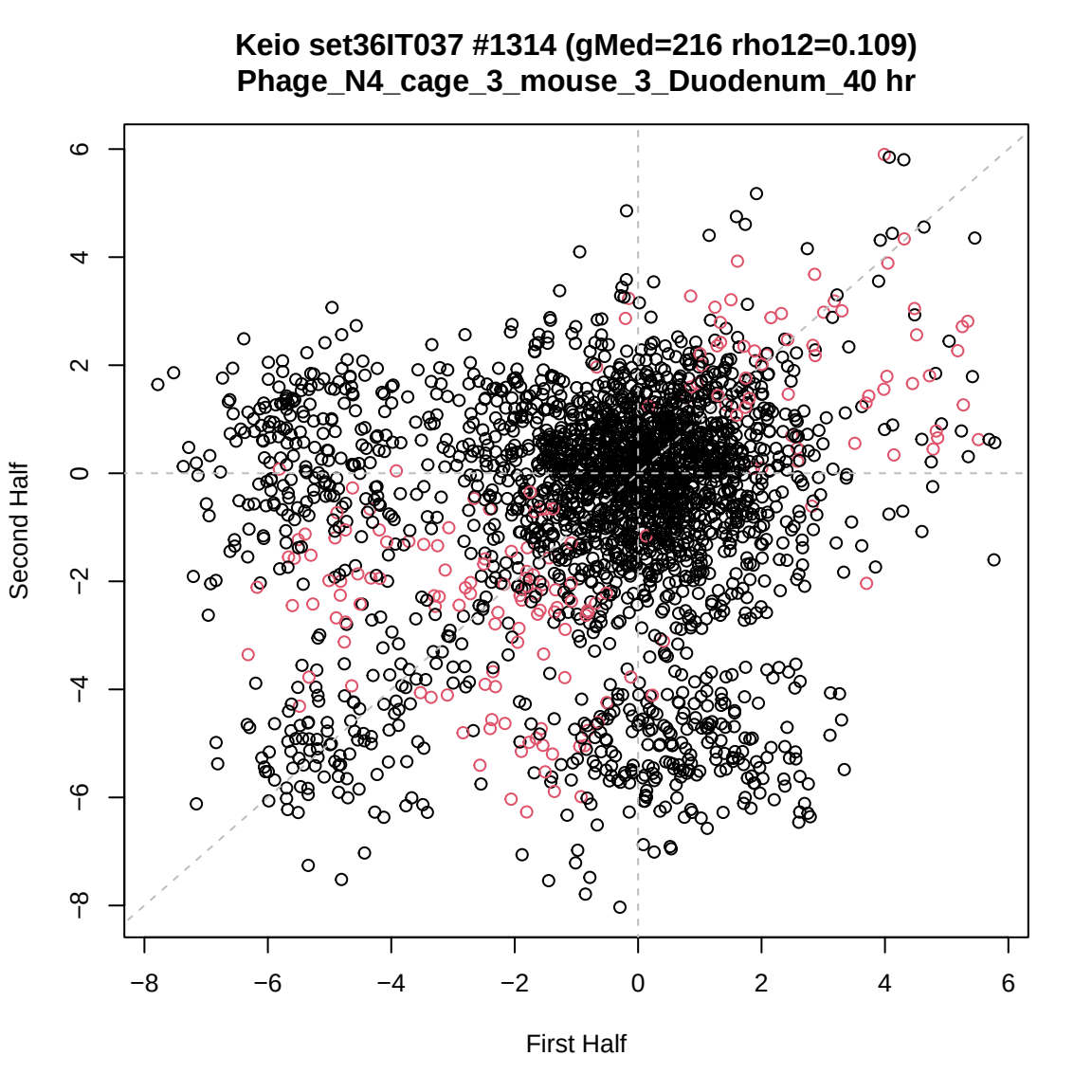

Keio set36IT031 #1308 (gMed=0 rho12=0.296)
Phage_N4_cage_3_mouse_1_Colon_40 hr
Second Half
First Half
−2
0
2
4
6
8

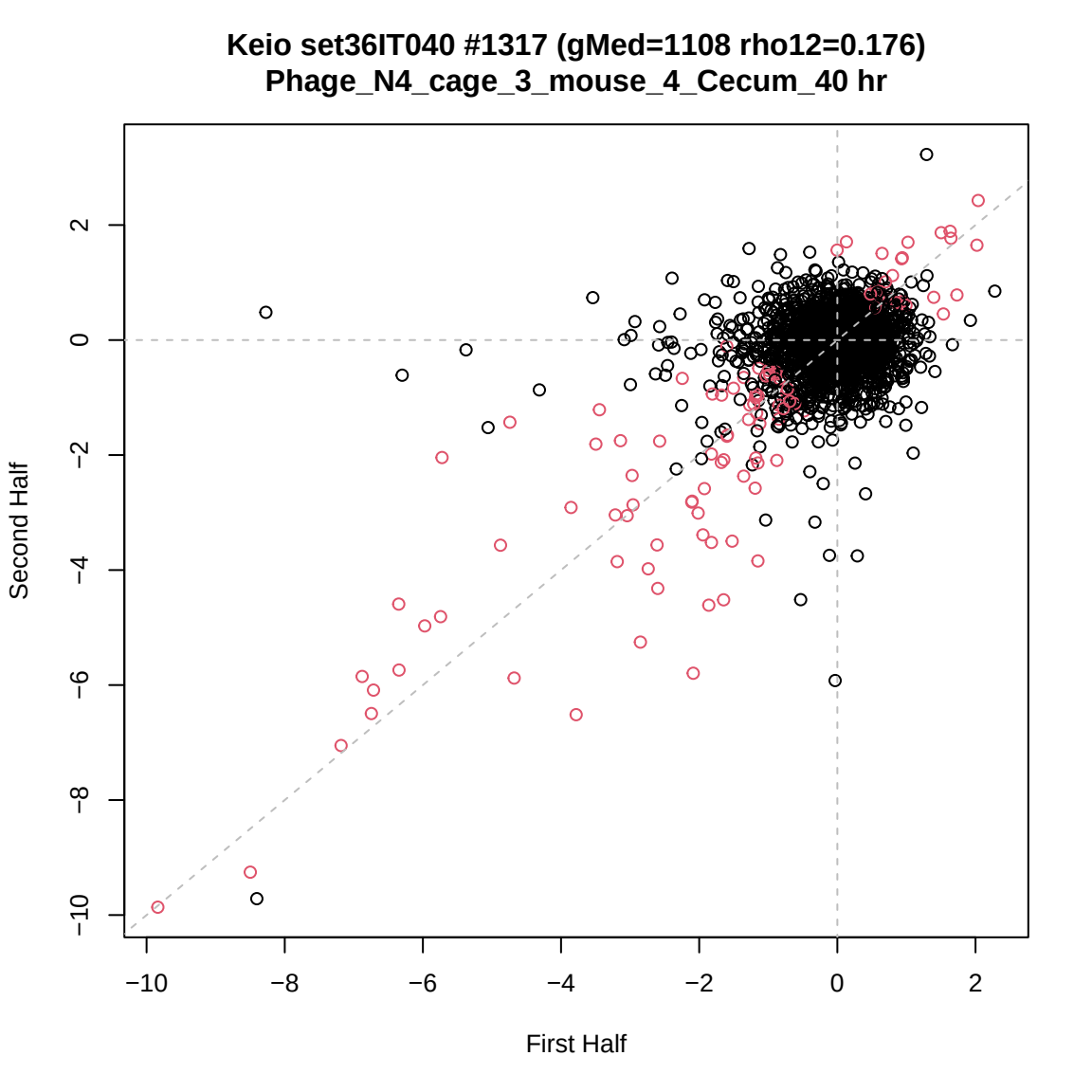

Keio set36IT032 #1309 (gMed=1029 rho12=0.326)
Phage_N4_cage_3_mouse_2_Cecum_40 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

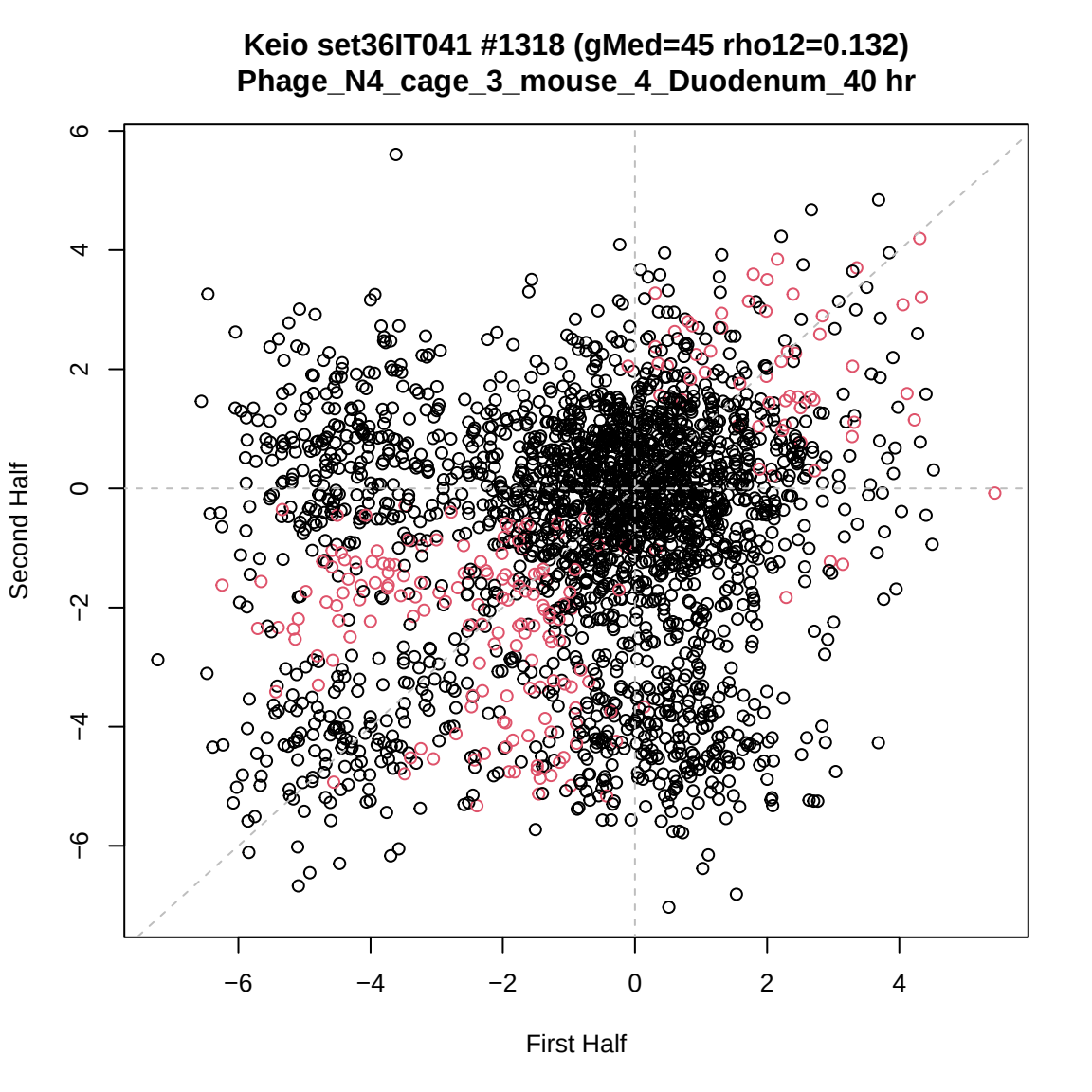

Keio set36IT033 #1310 (gMed=149 rho12=0.132)
Phage_N4_cage_3_mouse_2_Duodenum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4
6

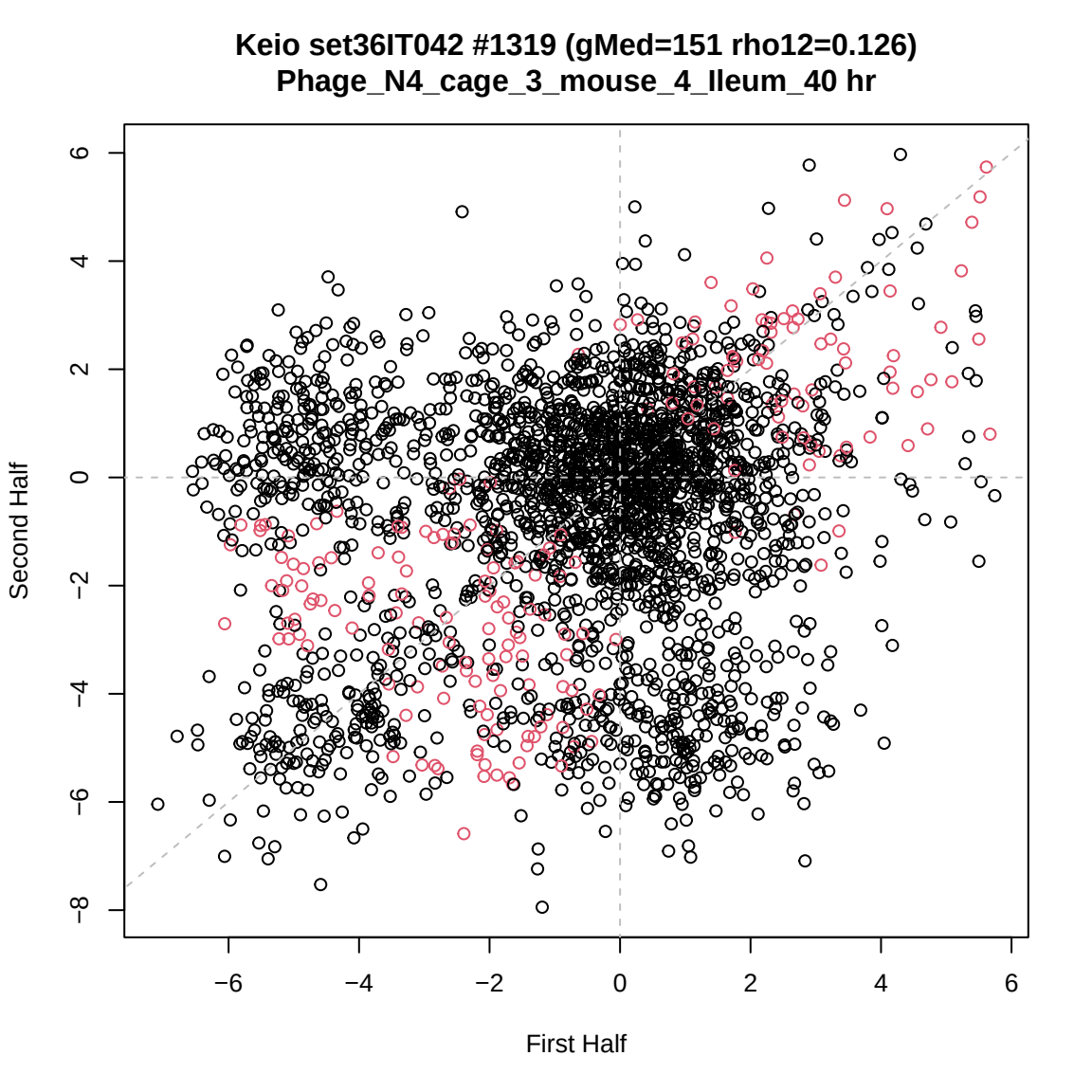

Keio set36IT035 #1312 (gMed=85 rho12=0.154)
Phage_N4_cage_3_mouse_2_Colon_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

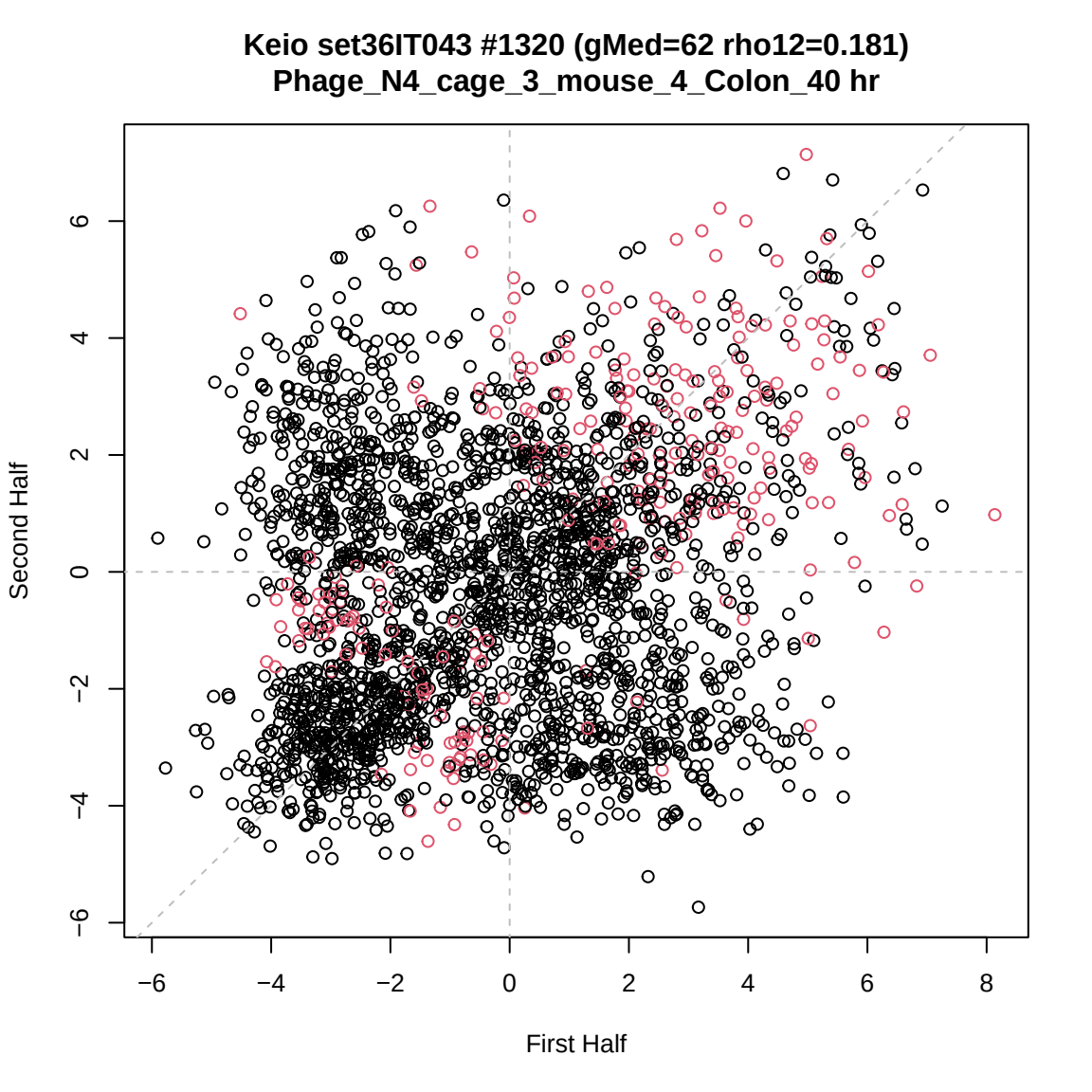

Keio set36IT036 #1313 (gMed=927 rho12=0.207)
Phage_N4_cage_3_mouse_3_Cecum_40 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

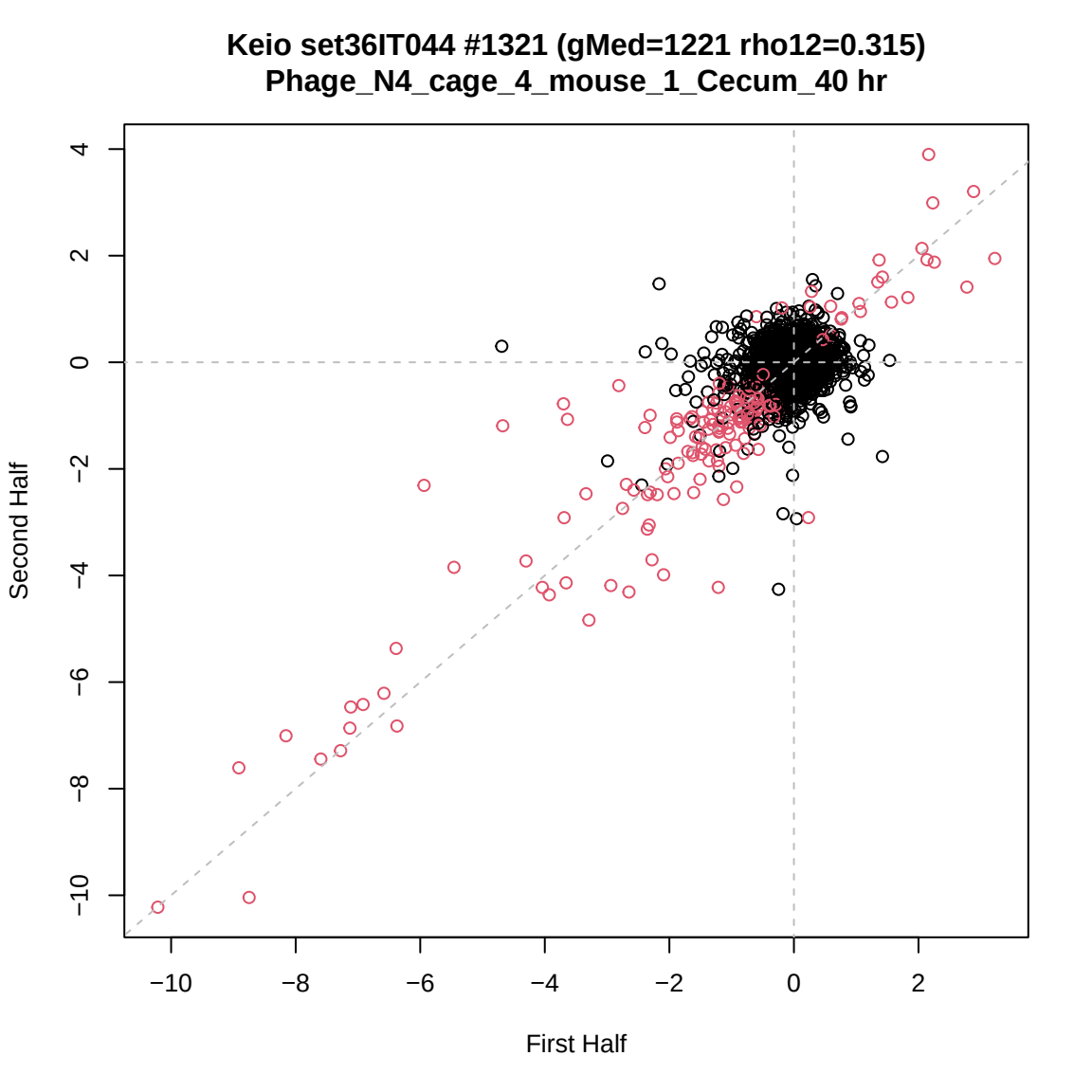

Keio set36IT037 #1314 (gMed=216 rho12=0.109)
Phage_N4_cage_3_mouse_3_Duodenum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4
6

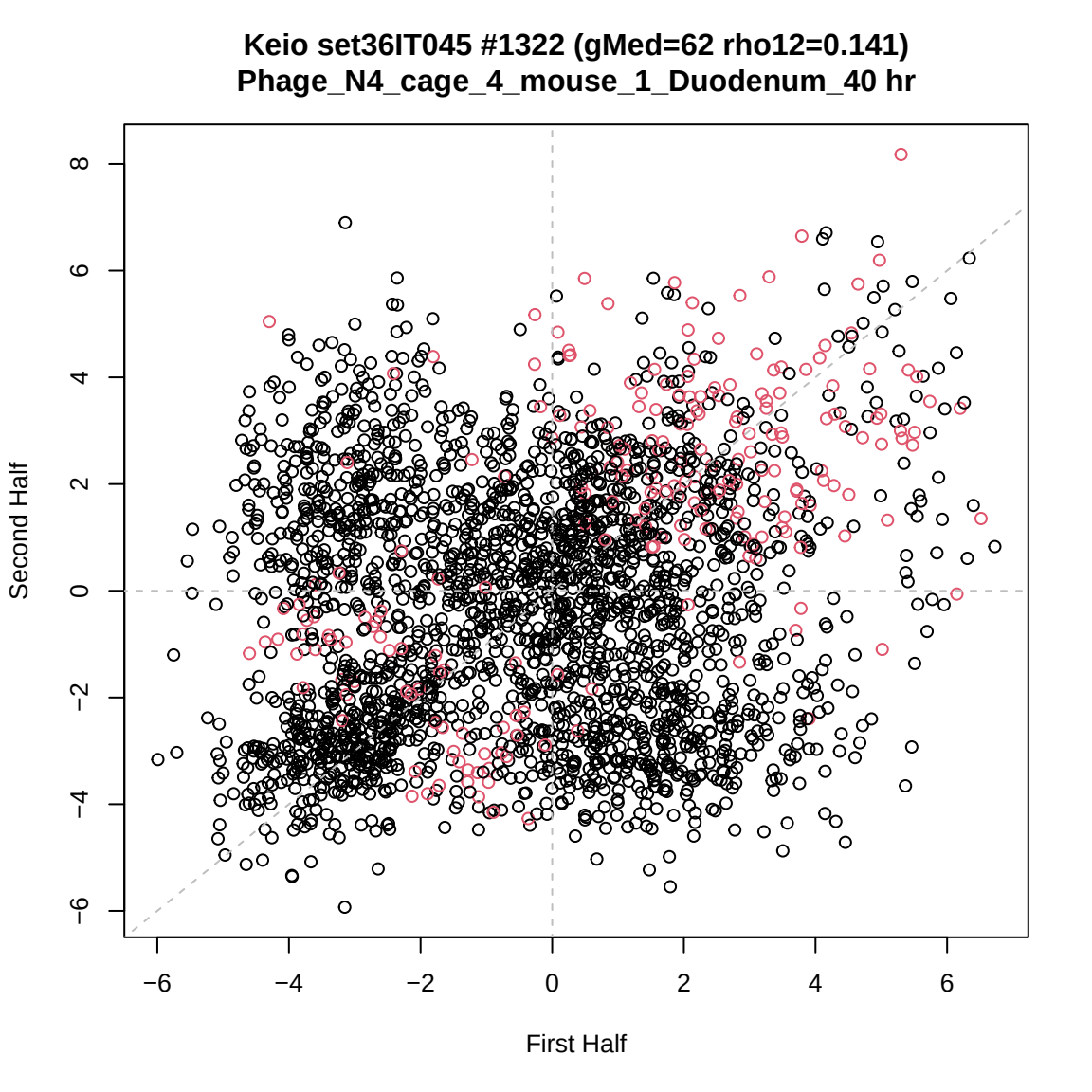

Keio set36IT040 #1317 (gMed=1108 rho12=0.176)
Phage_N4_cage_3_mouse_4_Cecum_40 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

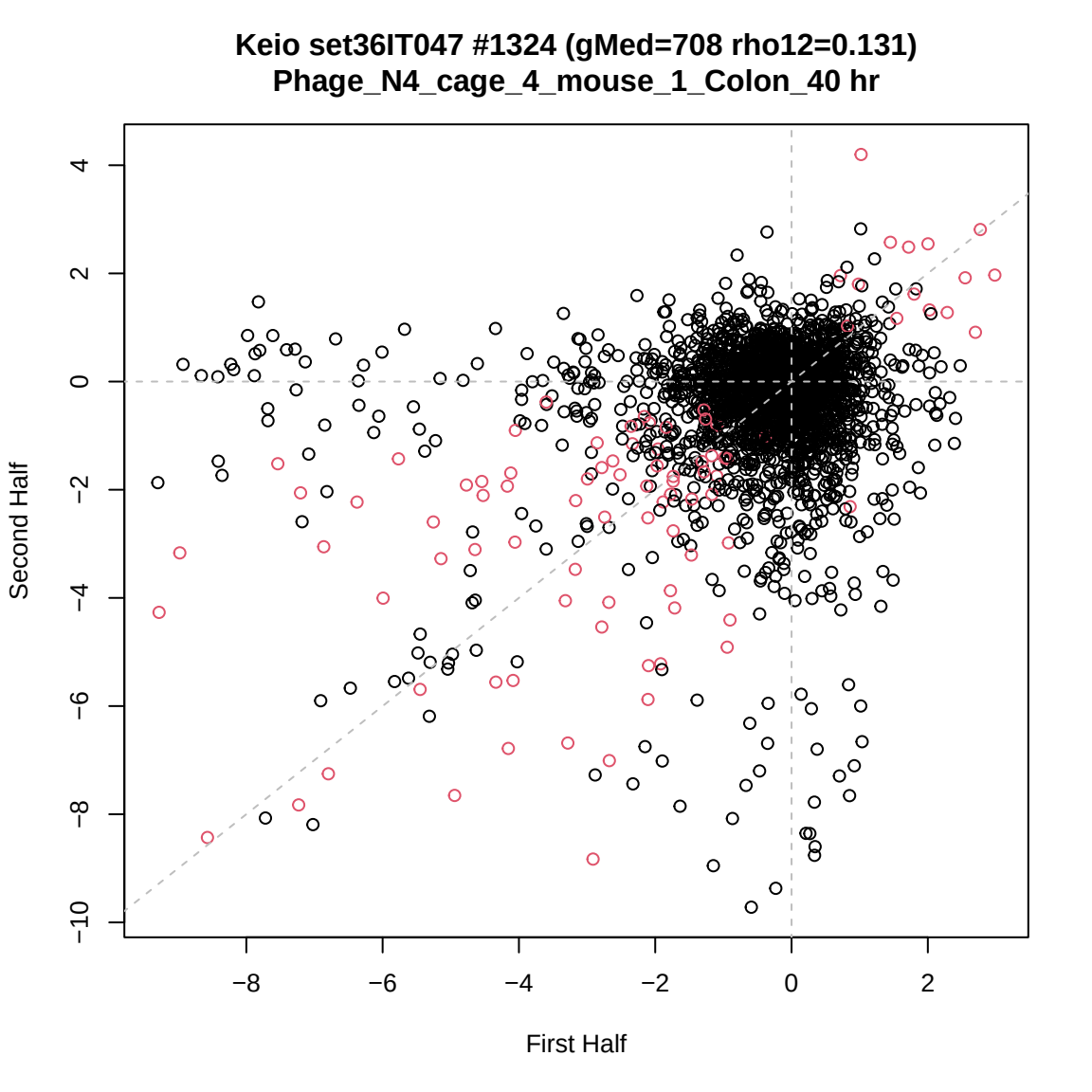

Keio set36IT041 #1318 (gMed=45 rho12=0.132)
Phage_N4_cage_3_mouse_4_Duodenum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

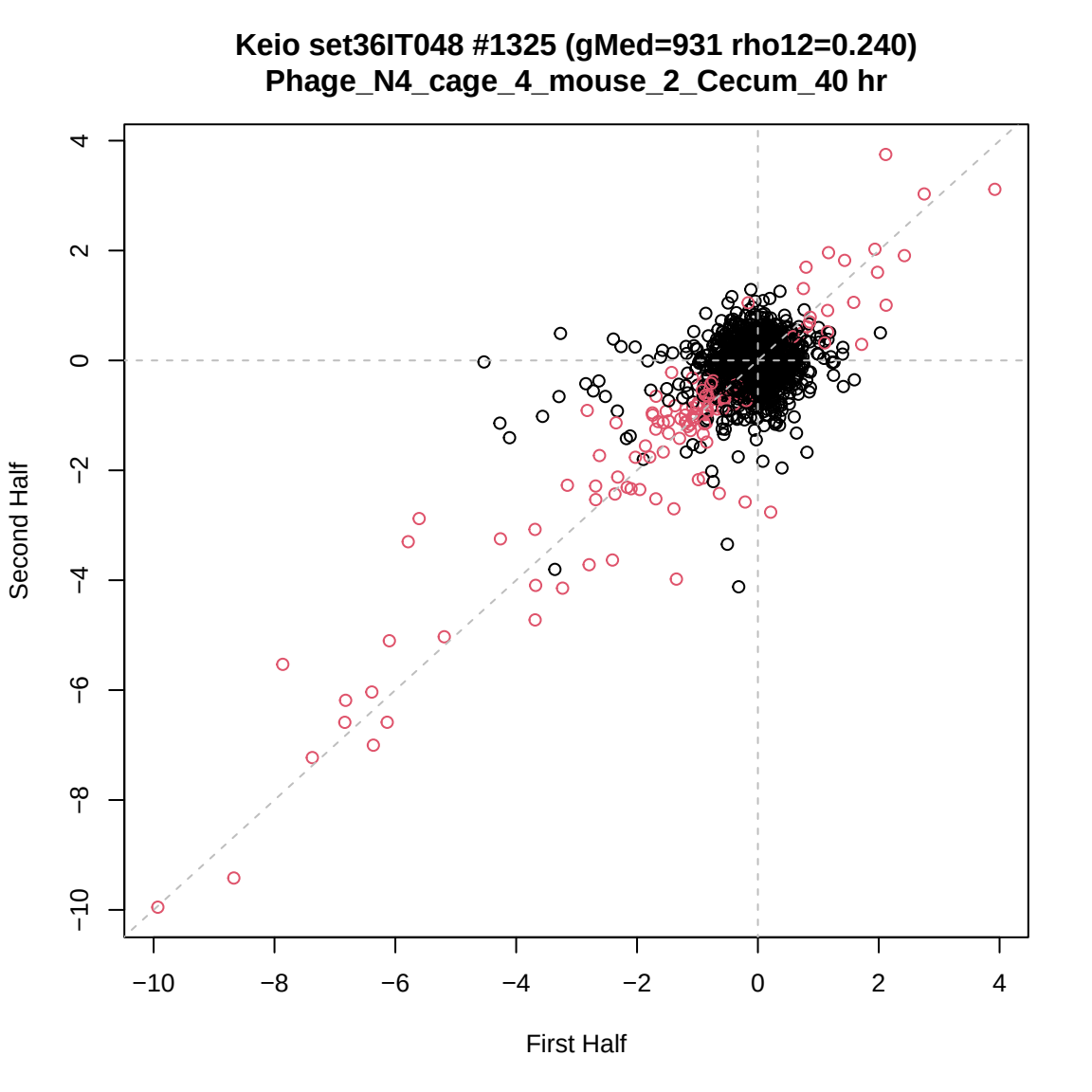

Keio set36IT042 #1319 (gMed=151 rho12=0.126)
Phage_N4_cage_3_mouse_4_Ileum_40 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4
6

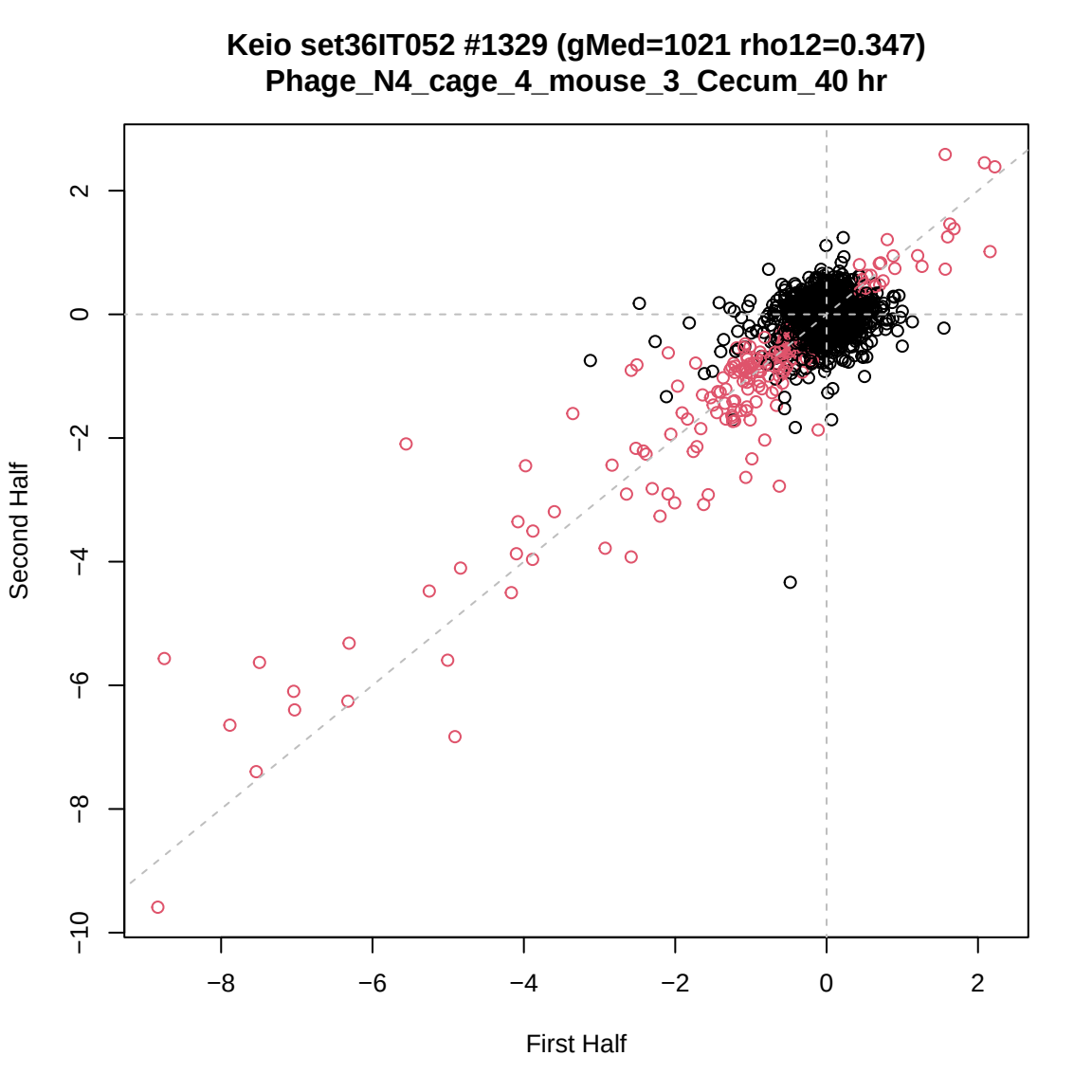

Keio set36IT043 #1320 (gMed=62 rho12=0.181)
Phage_N4_cage_3_mouse_4_Colon_40 hr
Second Half
First Half
−6
−4
−2
0
2
4
6
8

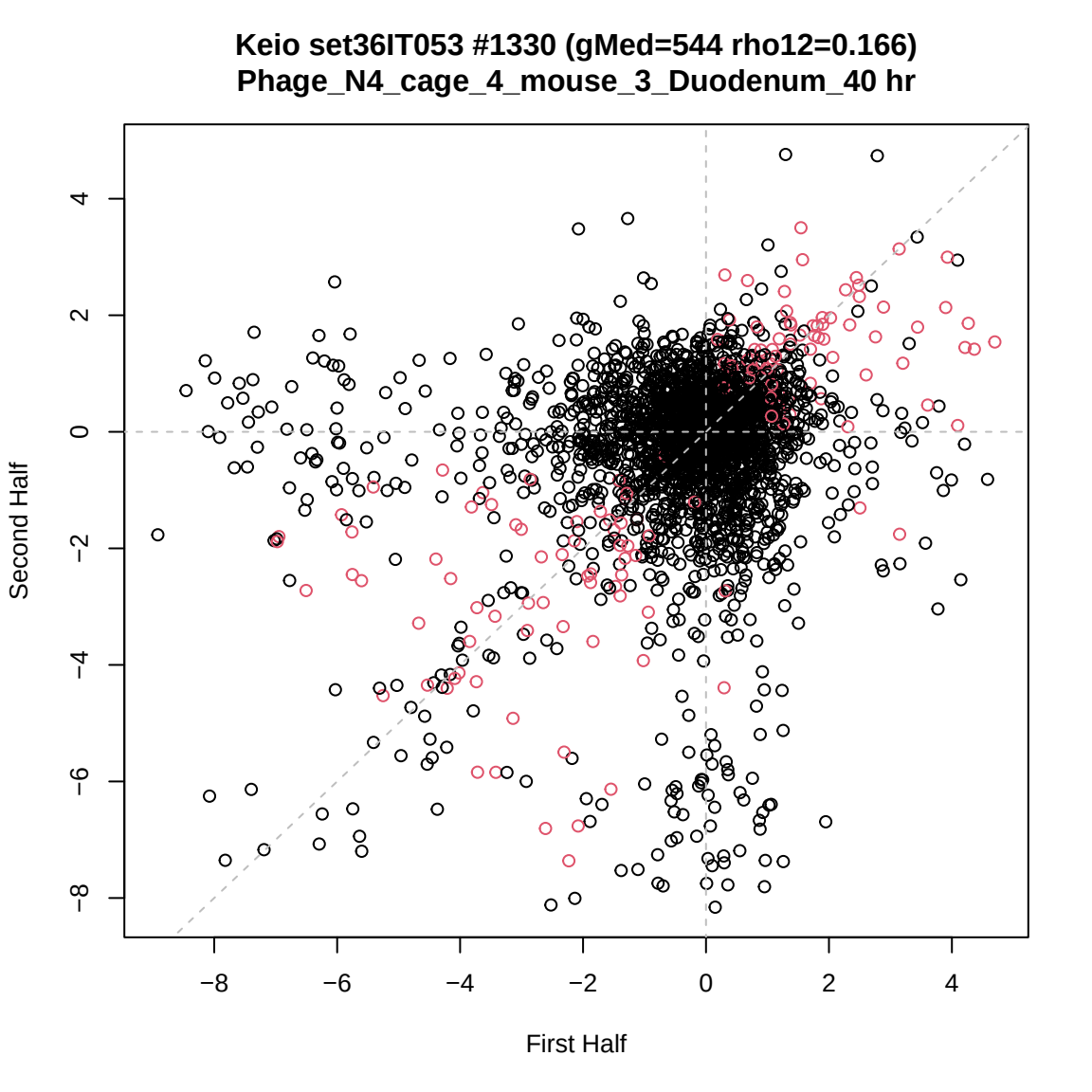

Keio set36IT044 #1321 (gMed=1221 rho12=0.315)
Phage_N4_cage_4_mouse_1_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

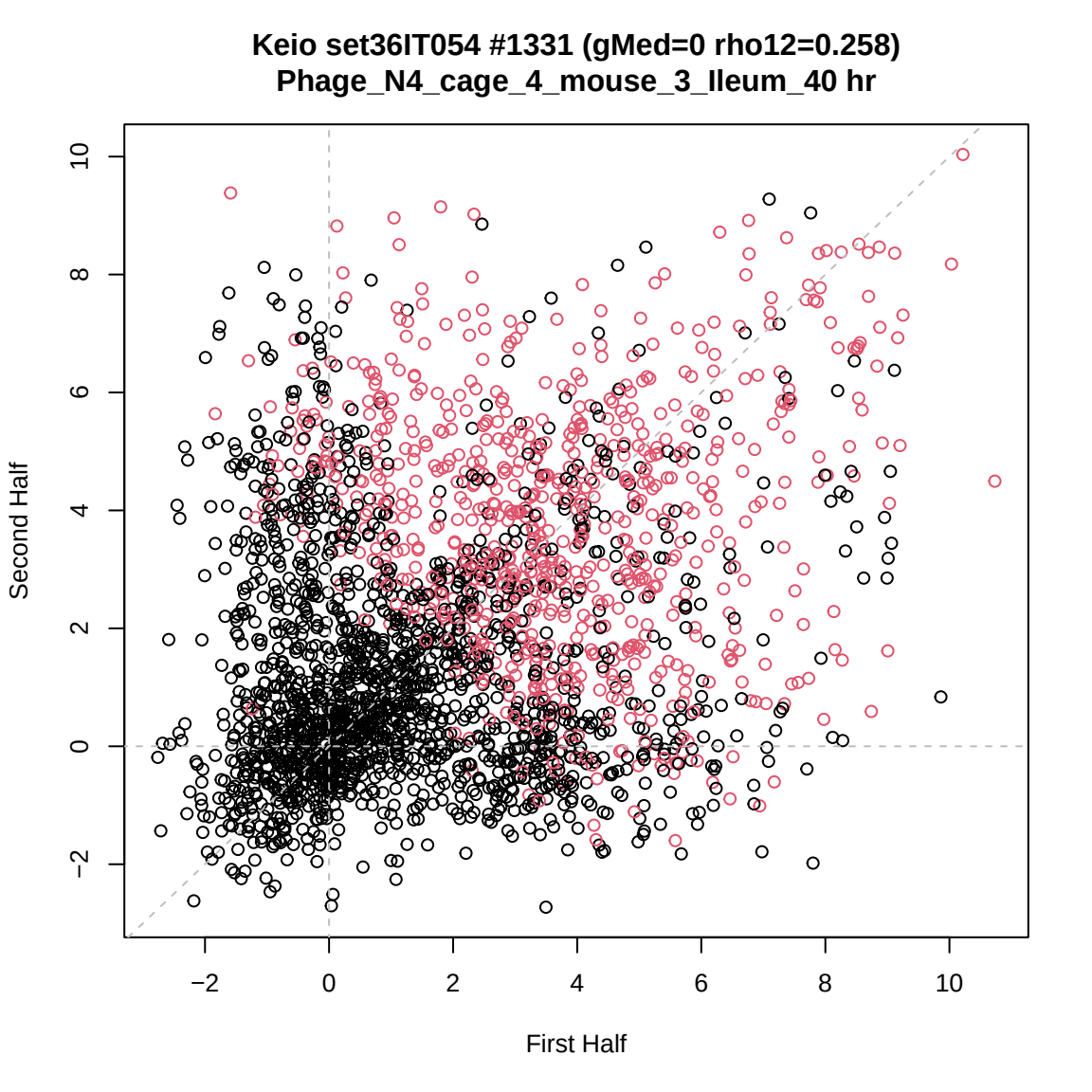

Keio set36IT045 #1322 (gMed=62 rho12=0.141)
Phage_N4_cage_4_mouse_1_Duodenum_40 hr
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

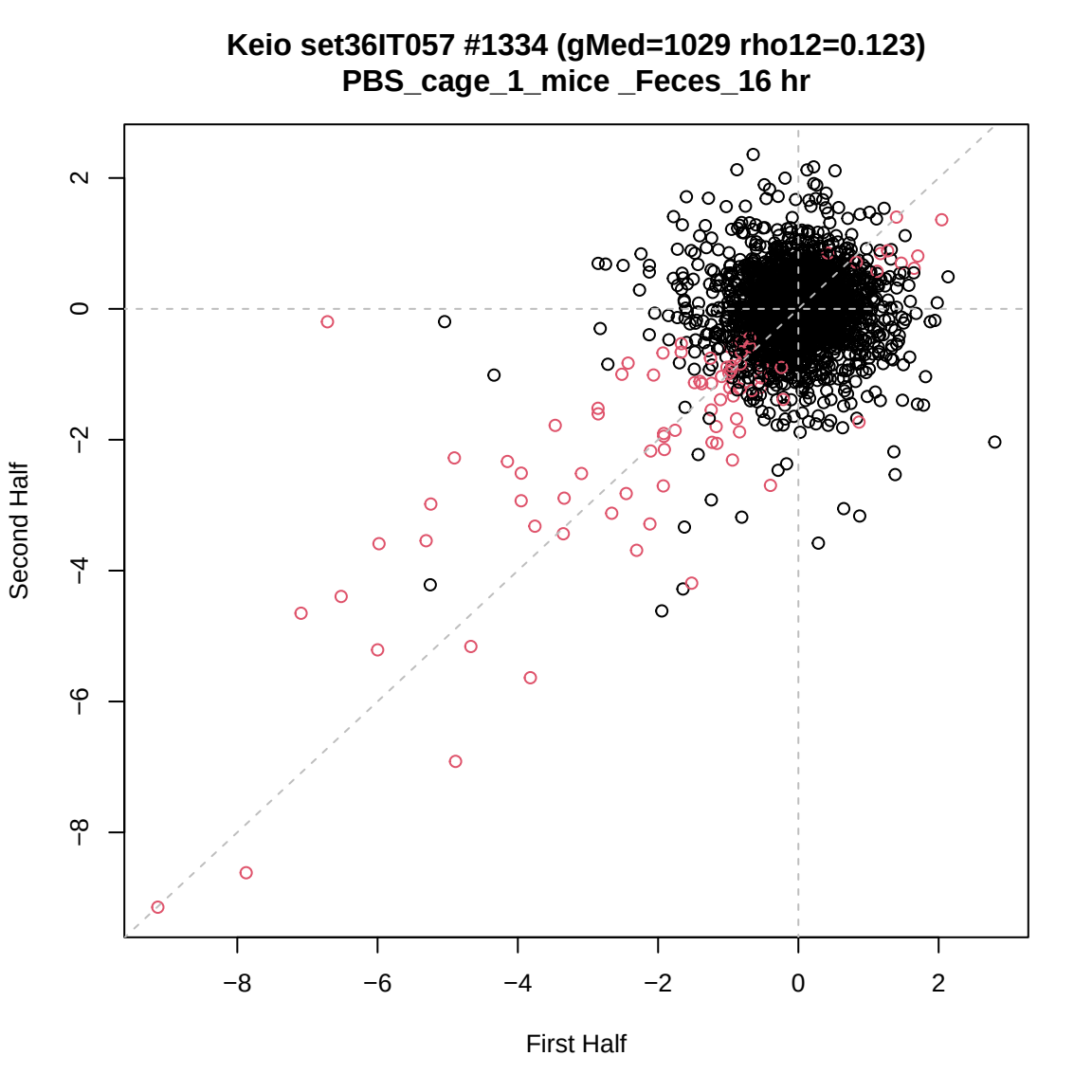

Keio set36IT047 #1324 (gMed=708 rho12=0.131)
Phage_N4_cage_4_mouse_1_Colon_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

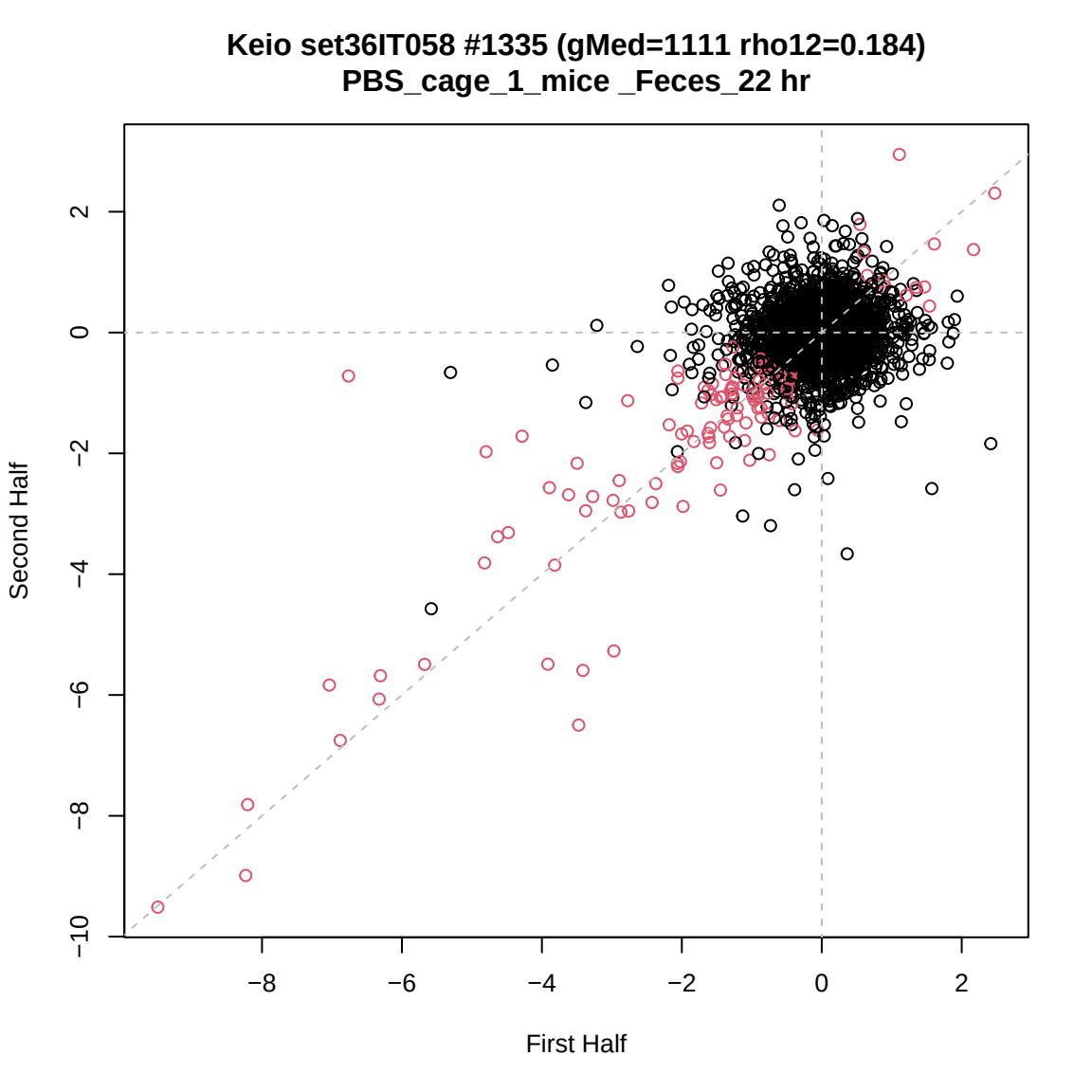

Keio set36IT048 #1325 (gMed=931 rho12=0.240)
Phage_N4_cage_4_mouse_2_Cecum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2
4

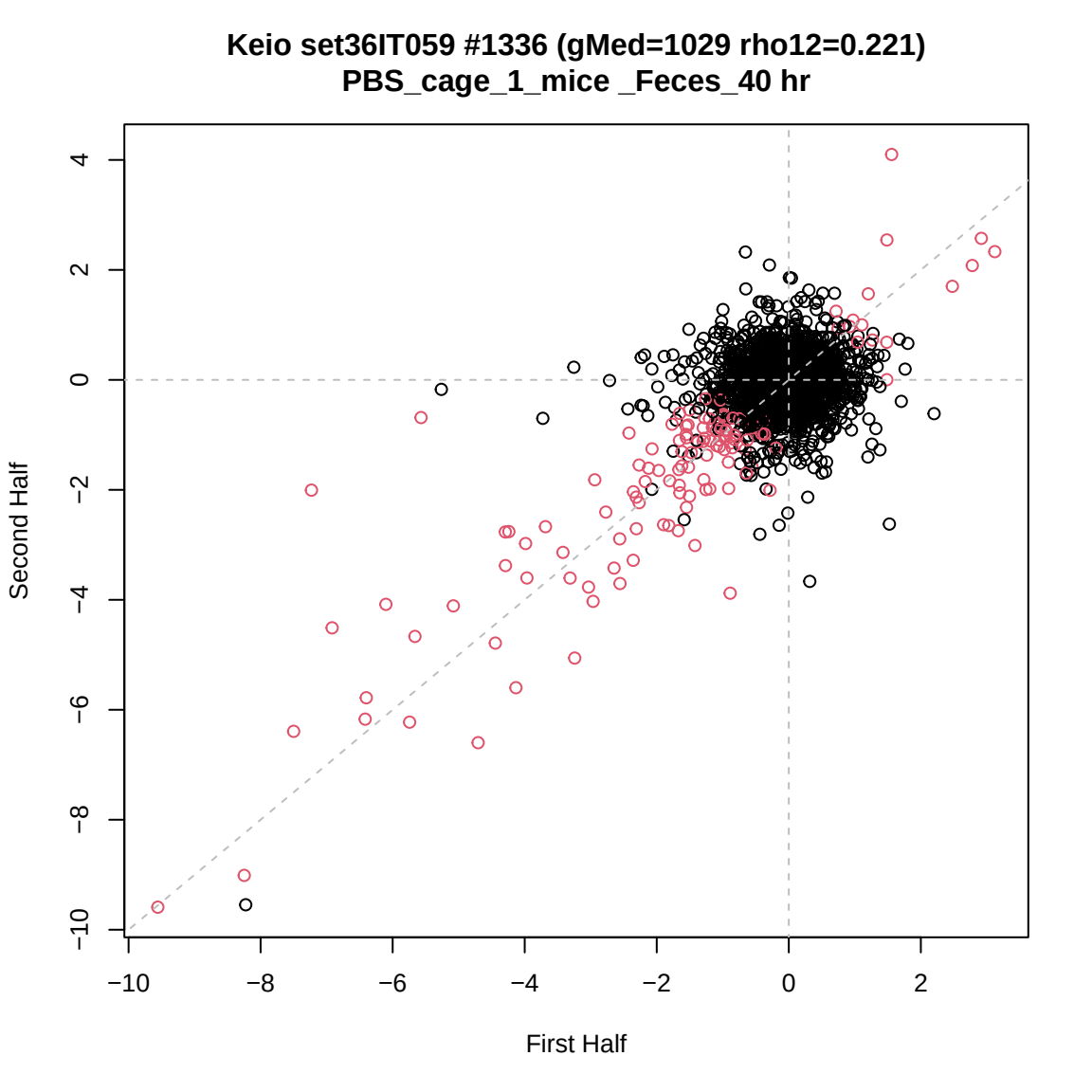

Keio set36IT052 #1329 (gMed=1021 rho12=0.347)
Phage_N4_cage_4_mouse_3_Cecum_40 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

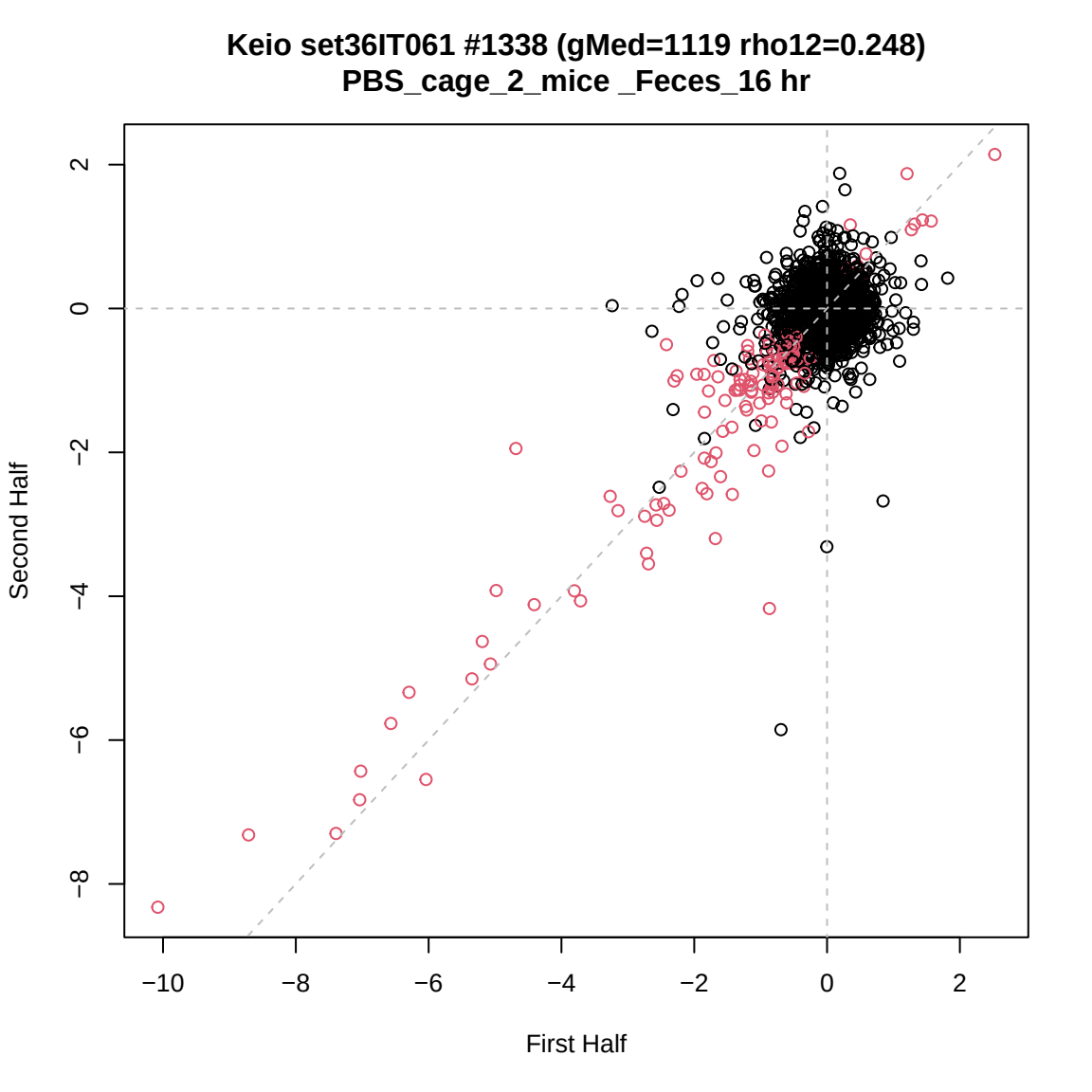

Keio set36IT053 #1330 (gMed=544 rho12=0.166)
Phage_N4_cage_4_mouse_3_Duodenum_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

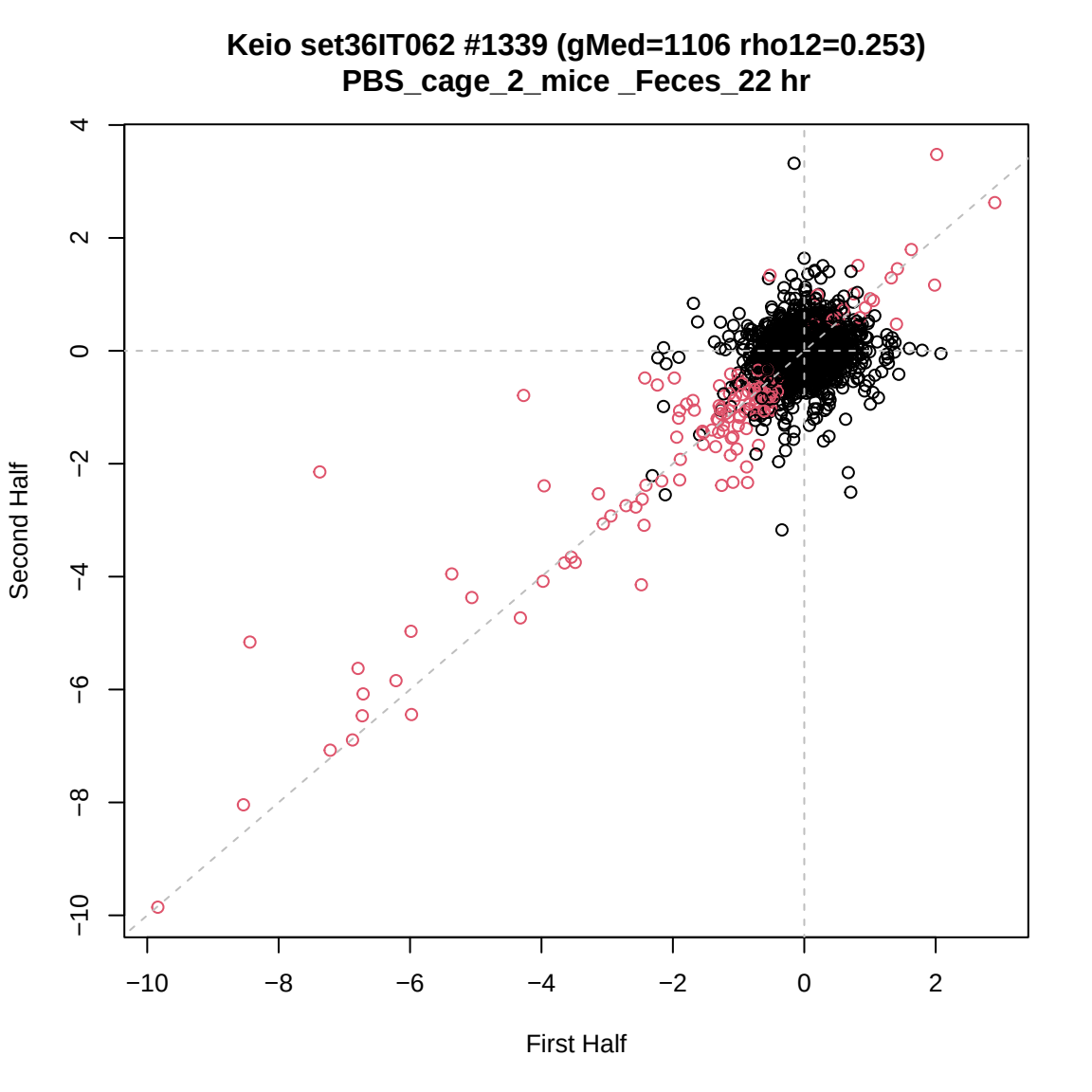

Keio set36IT054 #1331 (gMed=0 rho12=0.258)
Phage_N4_cage_4_mouse_3_Ileum_40 hr
Second Half
First Half
−2
0
2
4
6
8
10

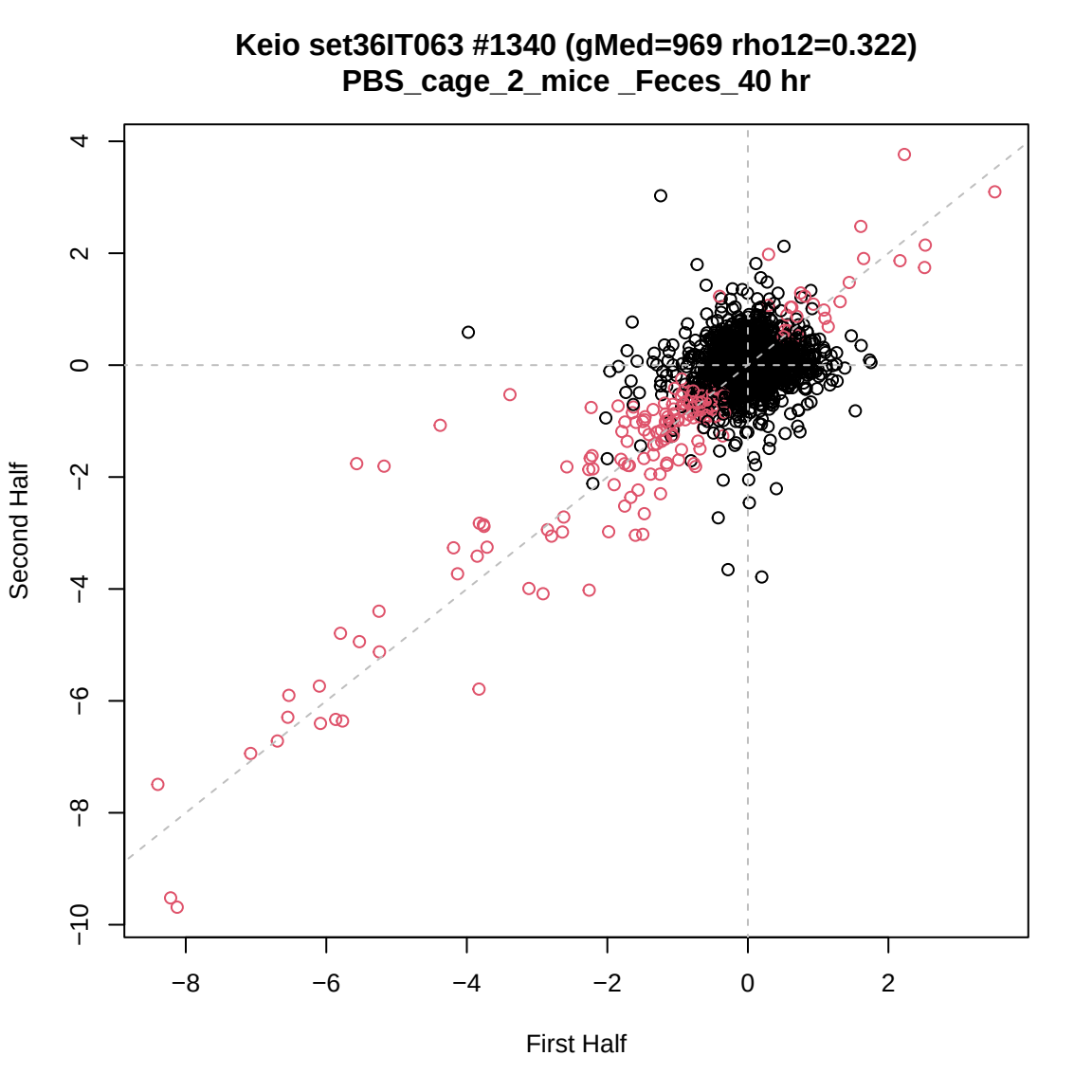

Keio set36IT057 #1334 (gMed=1029 rho12=0.123)
PBS_cage_1_mice _Feces_16 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

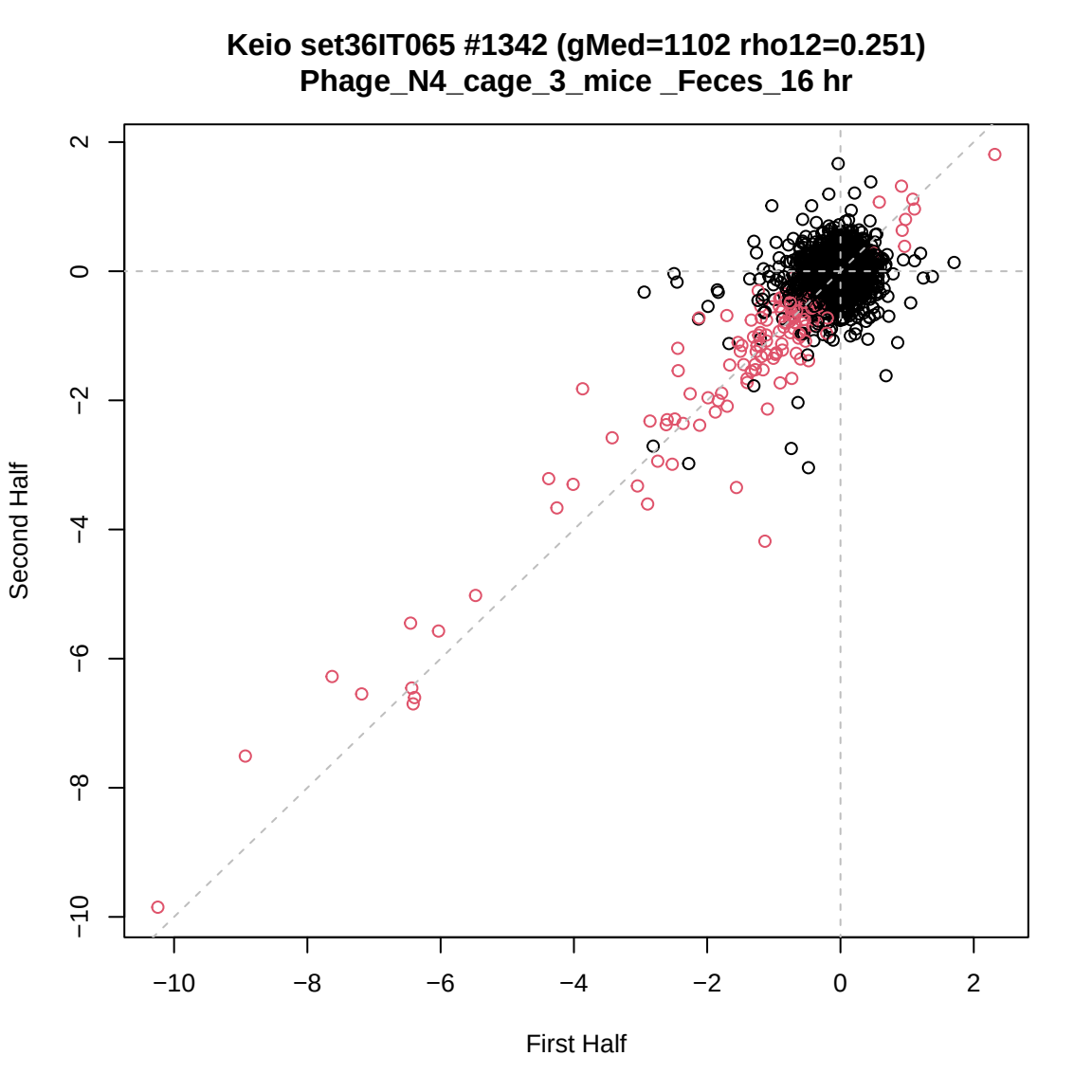

Keio set36IT058 #1335 (gMed=1111 rho12=0.184)
PBS_cage_1_mice _Feces_22 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

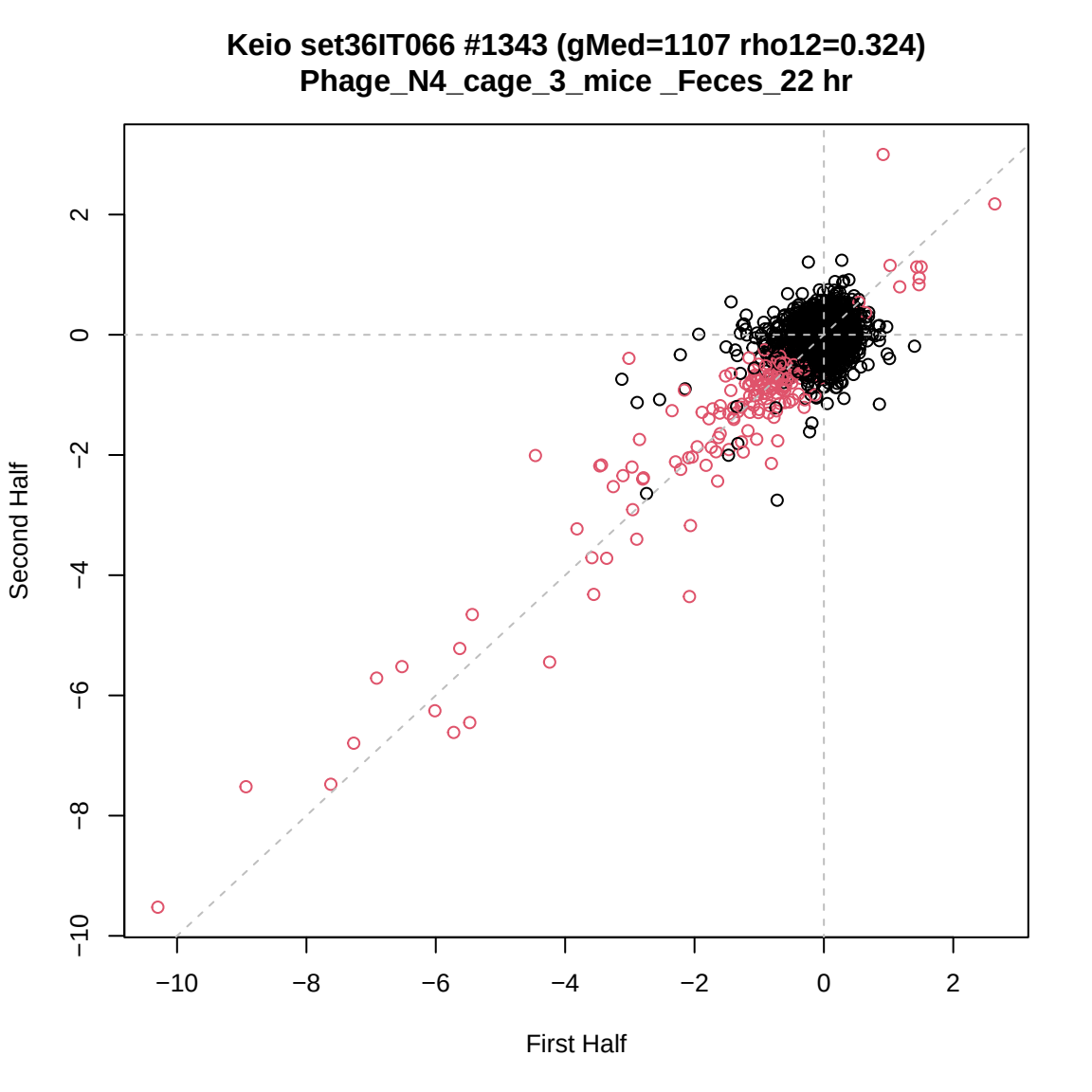

Keio set36IT059 #1336 (gMed=1029 rho12=0.221)
PBS_cage_1_mice _Feces_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

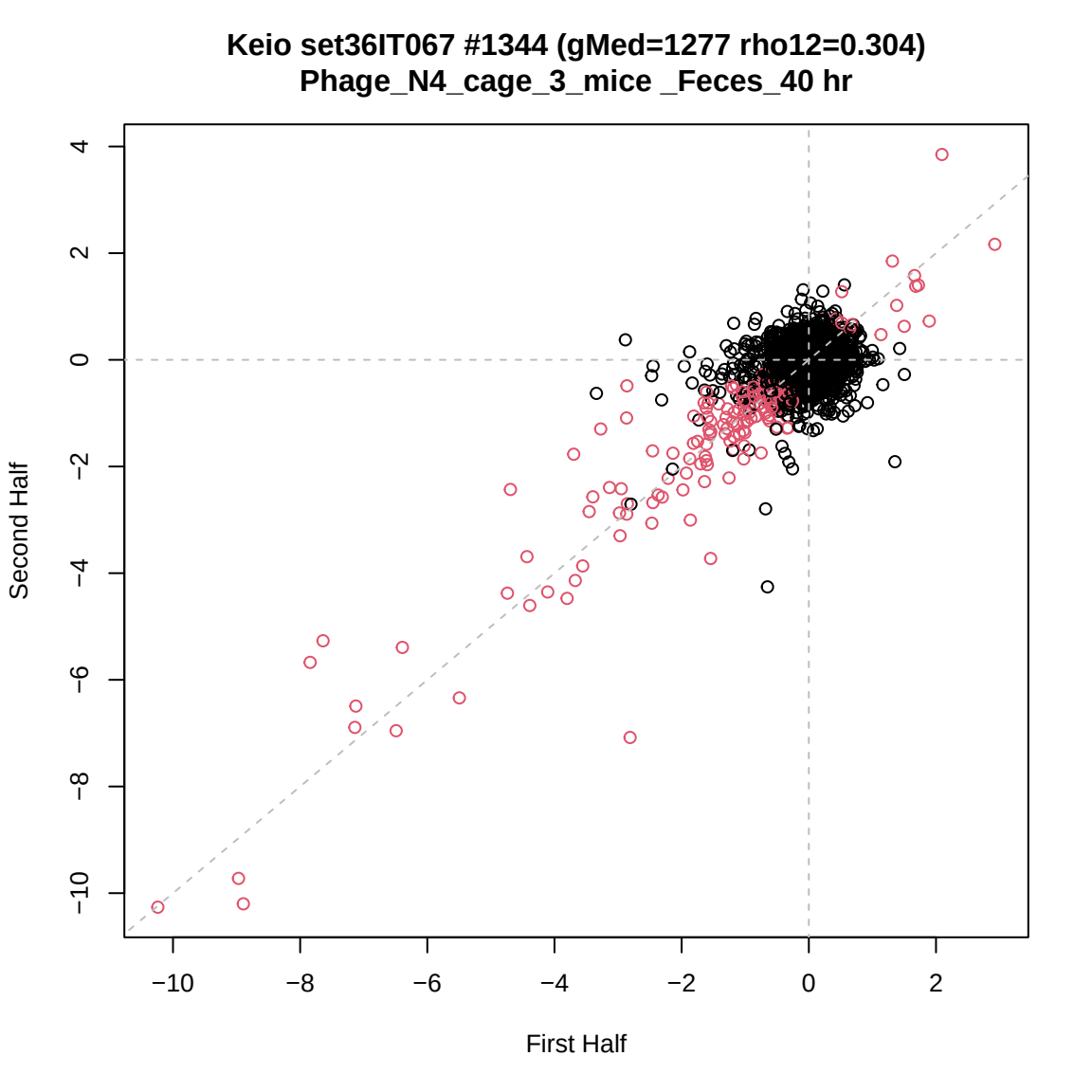

Keio set36IT061 #1338 (gMed=1119 rho12=0.248)
PBS_cage_2_mice _Feces_16 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

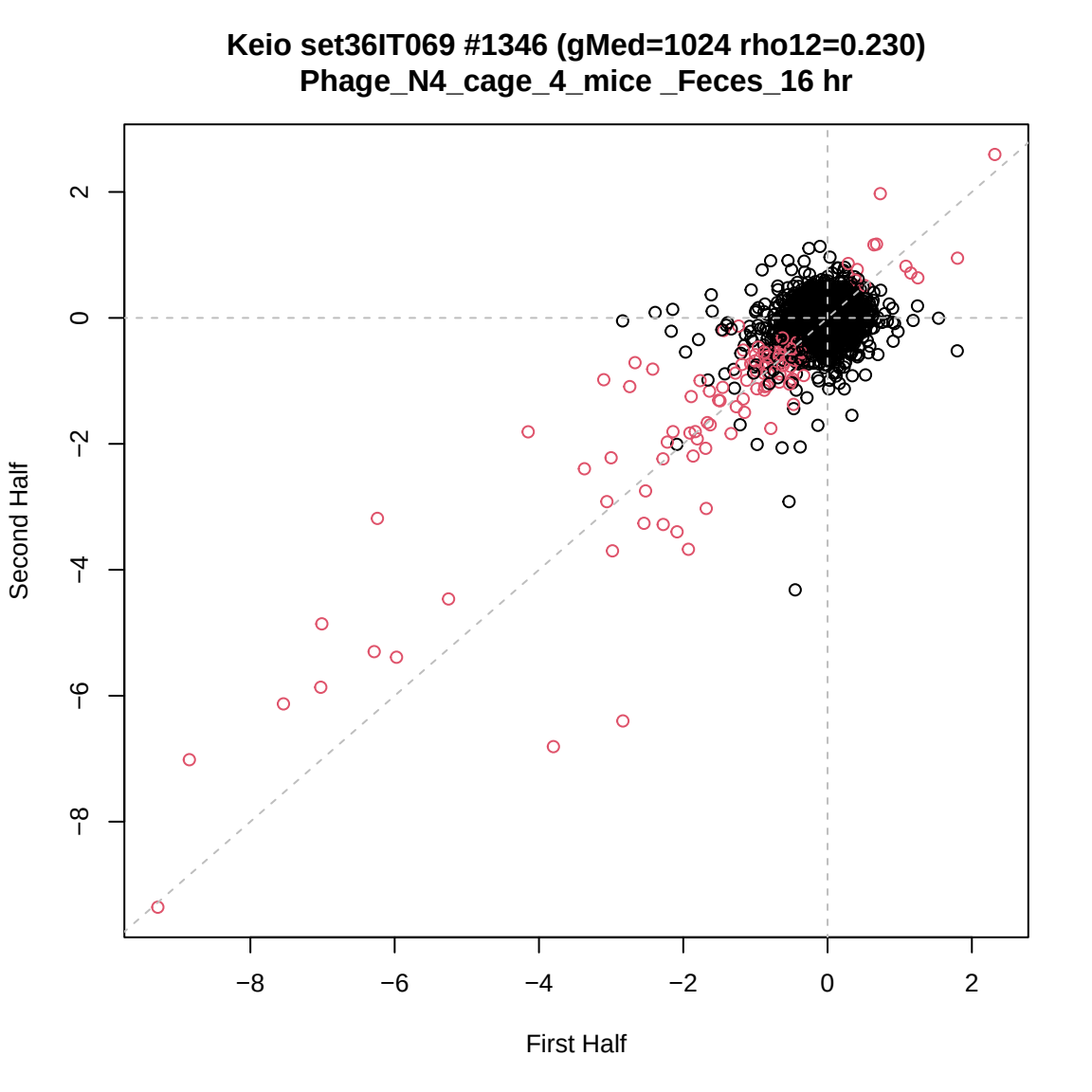

Keio set36IT062 #1339 (gMed=1106 rho12=0.253)
PBS_cage_2_mice _Feces_22 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

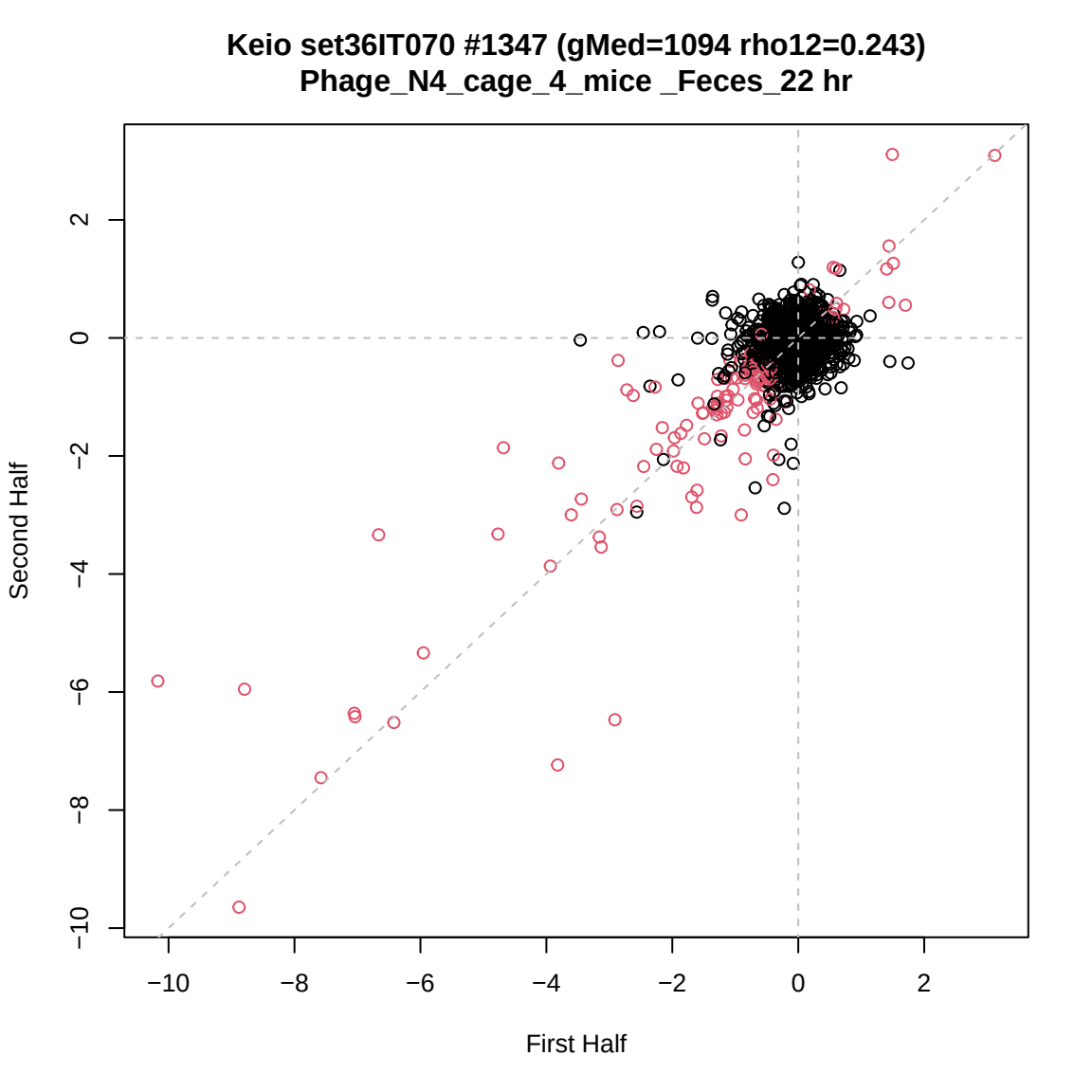

Keio set36IT063 #1340 (gMed=969 rho12=0.322)
PBS_cage_2_mice _Feces_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

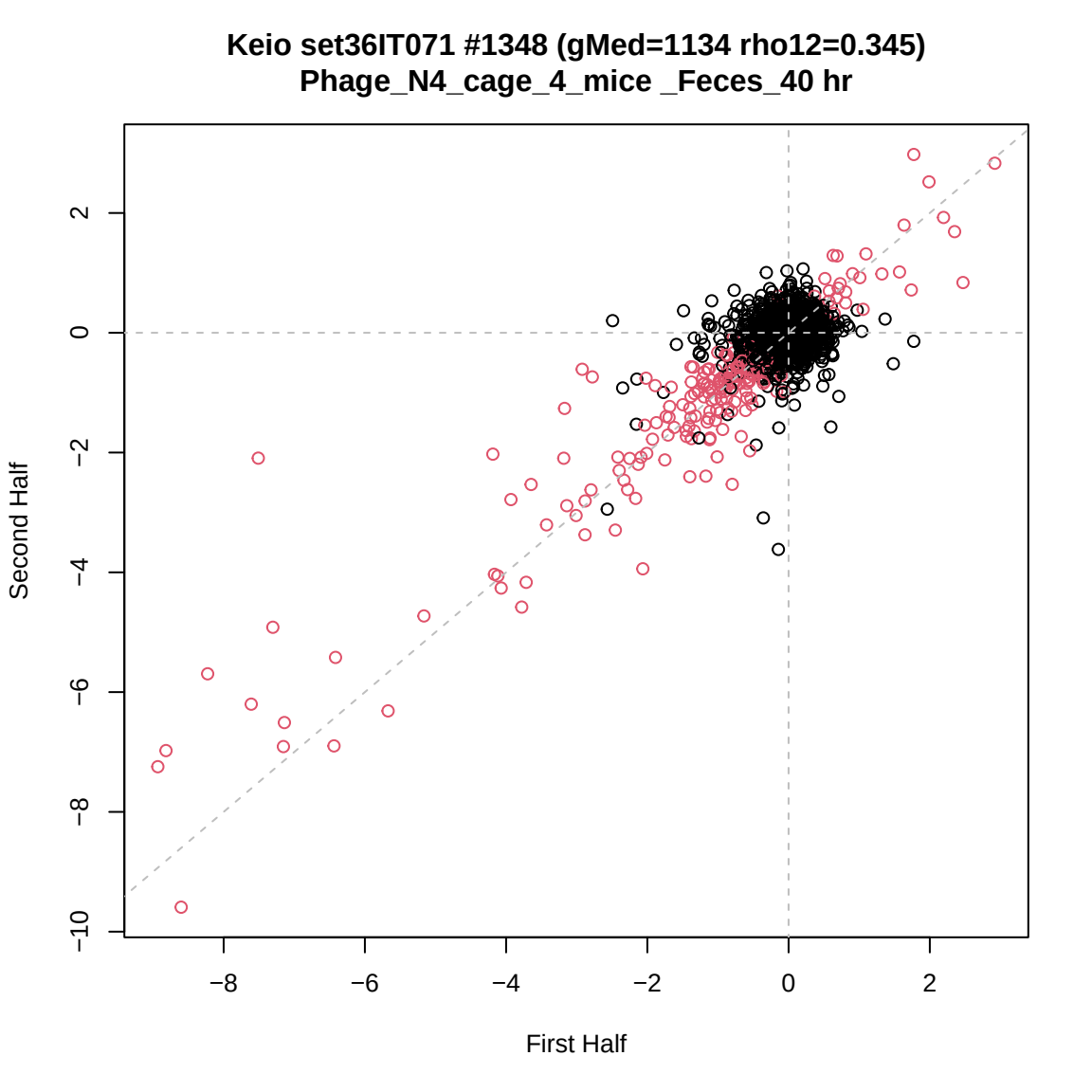

Keio set36IT065 #1342 (gMed=1102 rho12=0.251)
Phage_N4_cage_3_mice _Feces_16 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

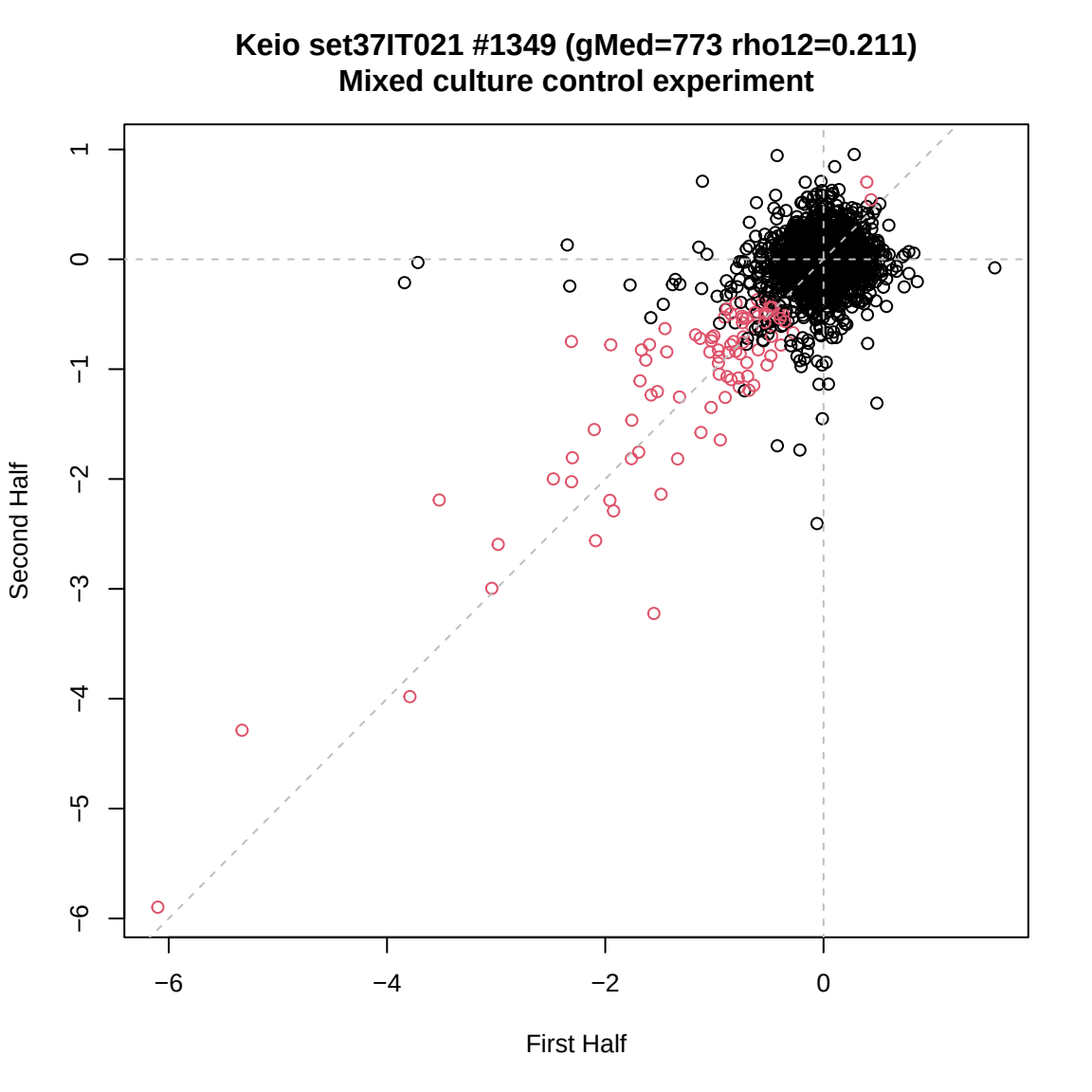

Keio set36IT066 #1343 (gMed=1107 rho12=0.324)
Phage_N4_cage_3_mice _Feces_22 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

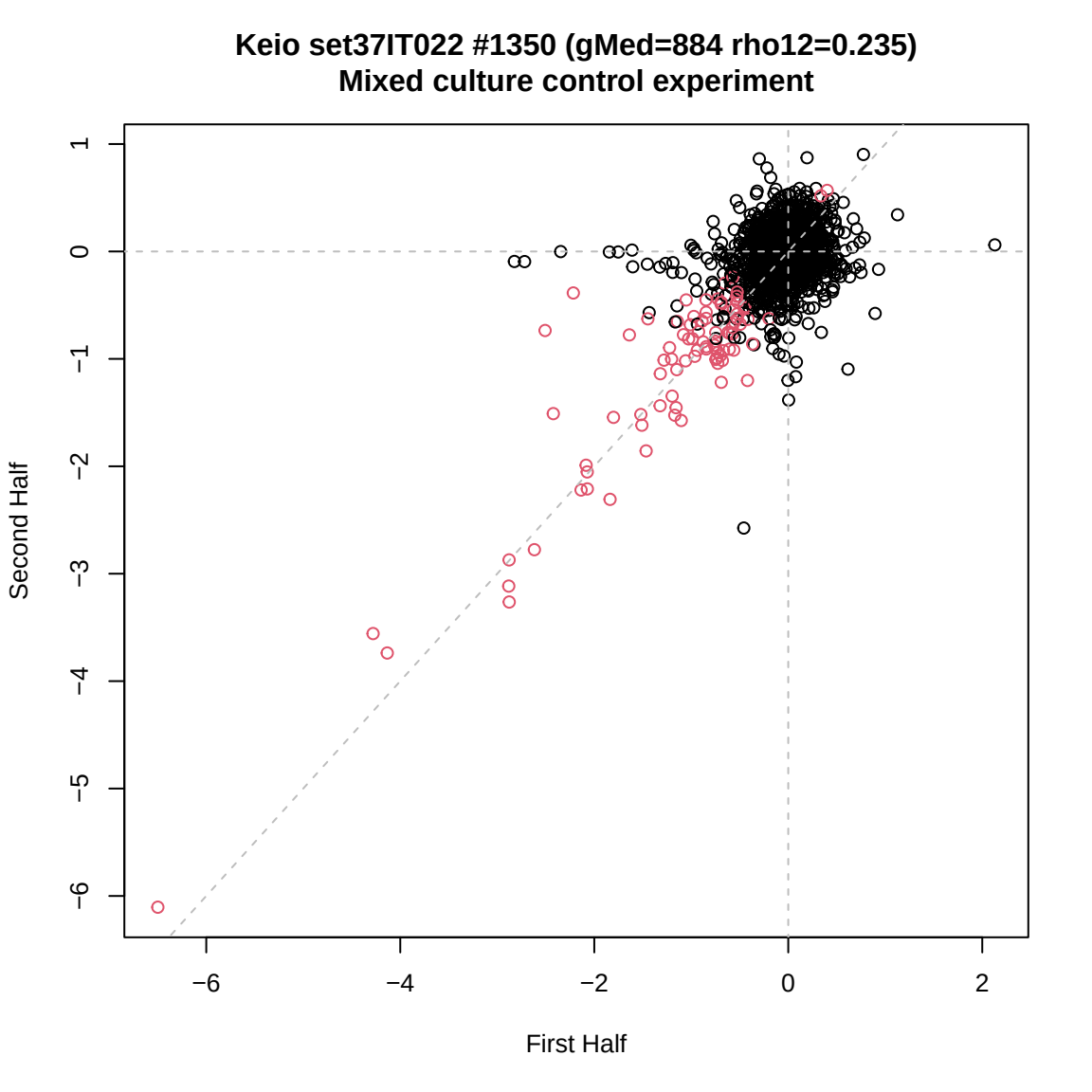

Keio set36IT067 #1344 (gMed=1277 rho12=0.304)
Phage_N4_cage_3_mice _Feces_40 hr
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

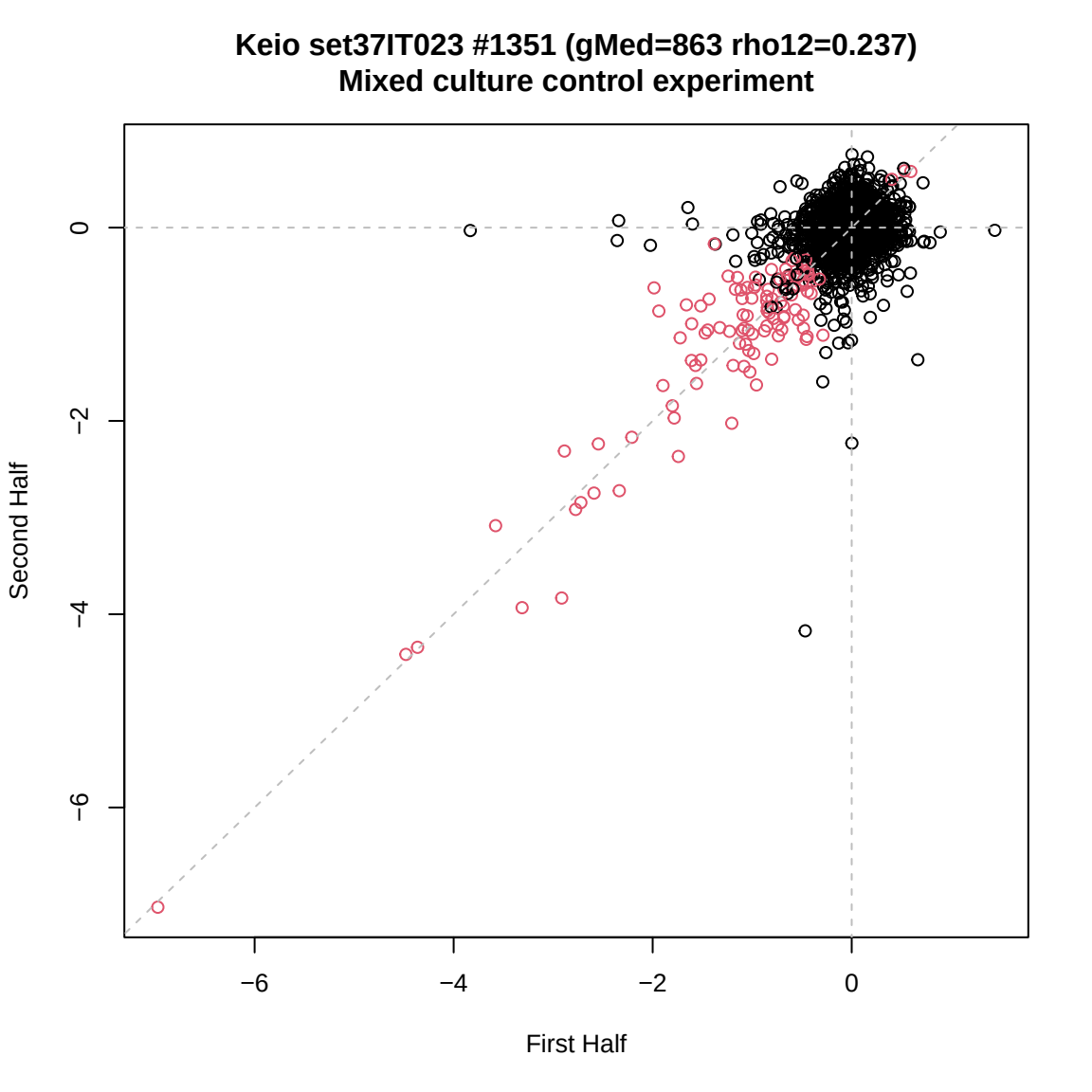

Keio set36IT069 #1346 (gMed=1024 rho12=0.230)
Phage_N4_cage_4_mice _Feces_16 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

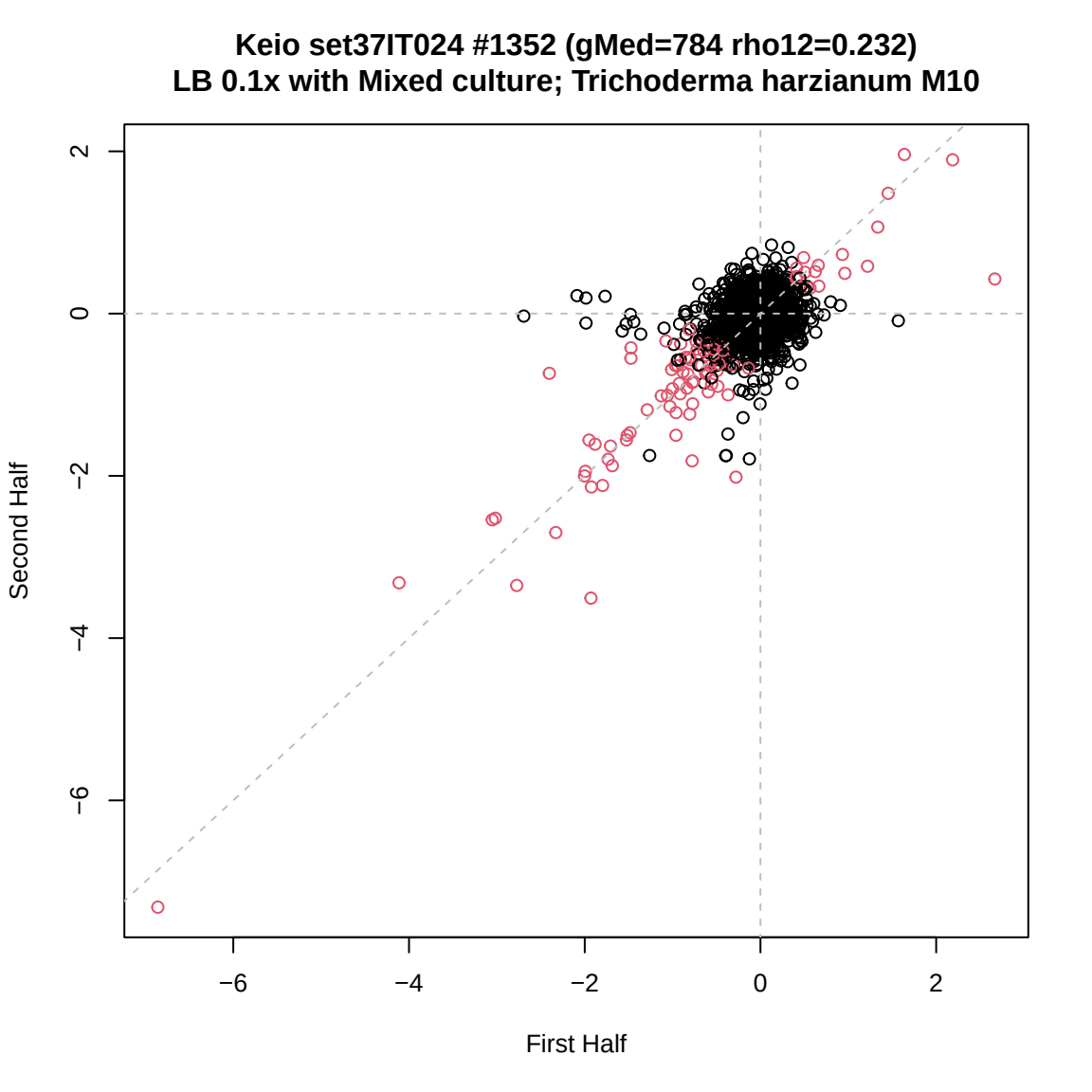

Keio set36IT070 #1347 (gMed=1094 rho12=0.243)
Phage_N4_cage_4_mice _Feces_22 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

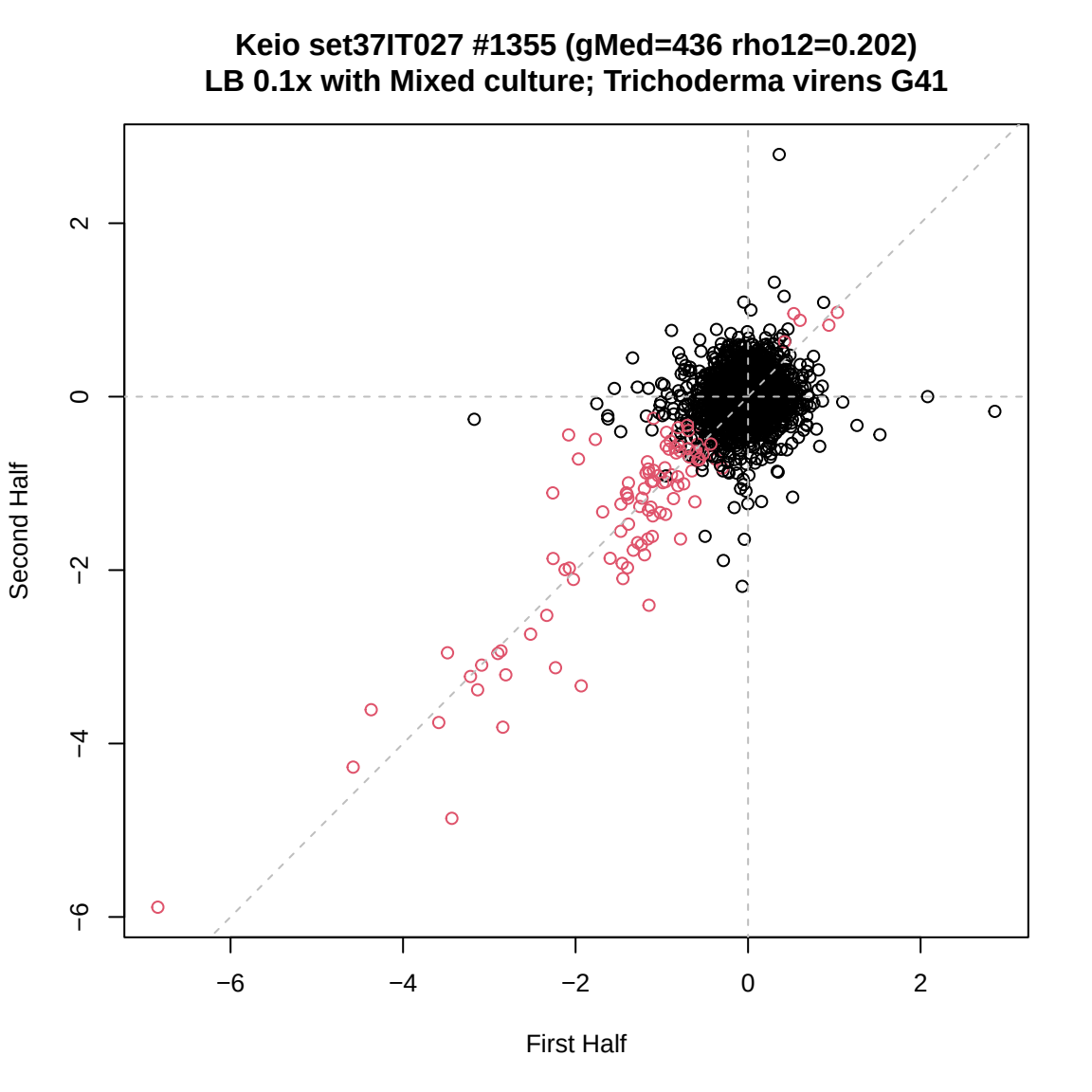

Keio set36IT071 #1348 (gMed=1134 rho12=0.345)
Phage_N4_cage_4_mice _Feces_40 hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

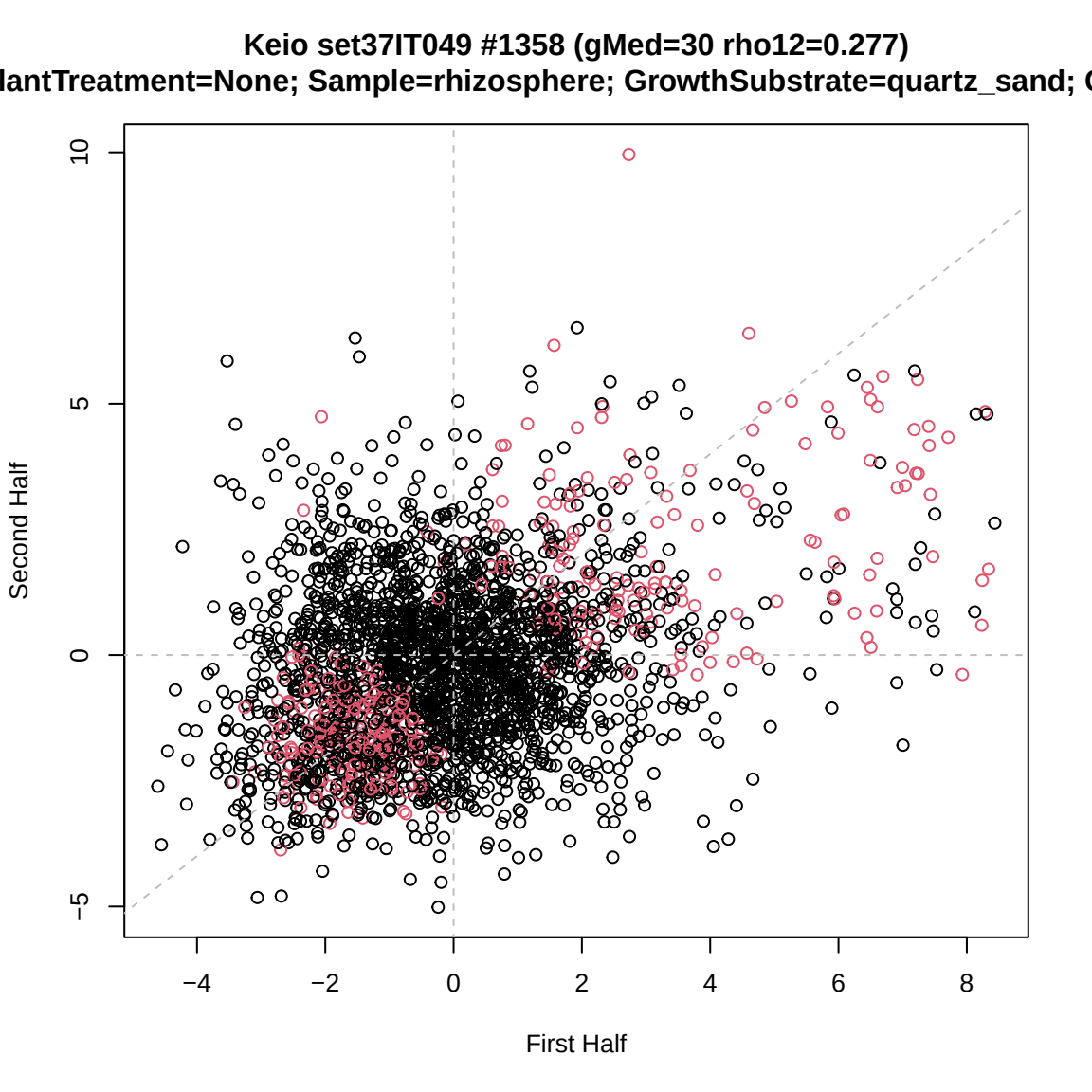

Keio set37IT021 #1349 (gMed=773 rho12=0.211)
Mixed culture control experiment
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

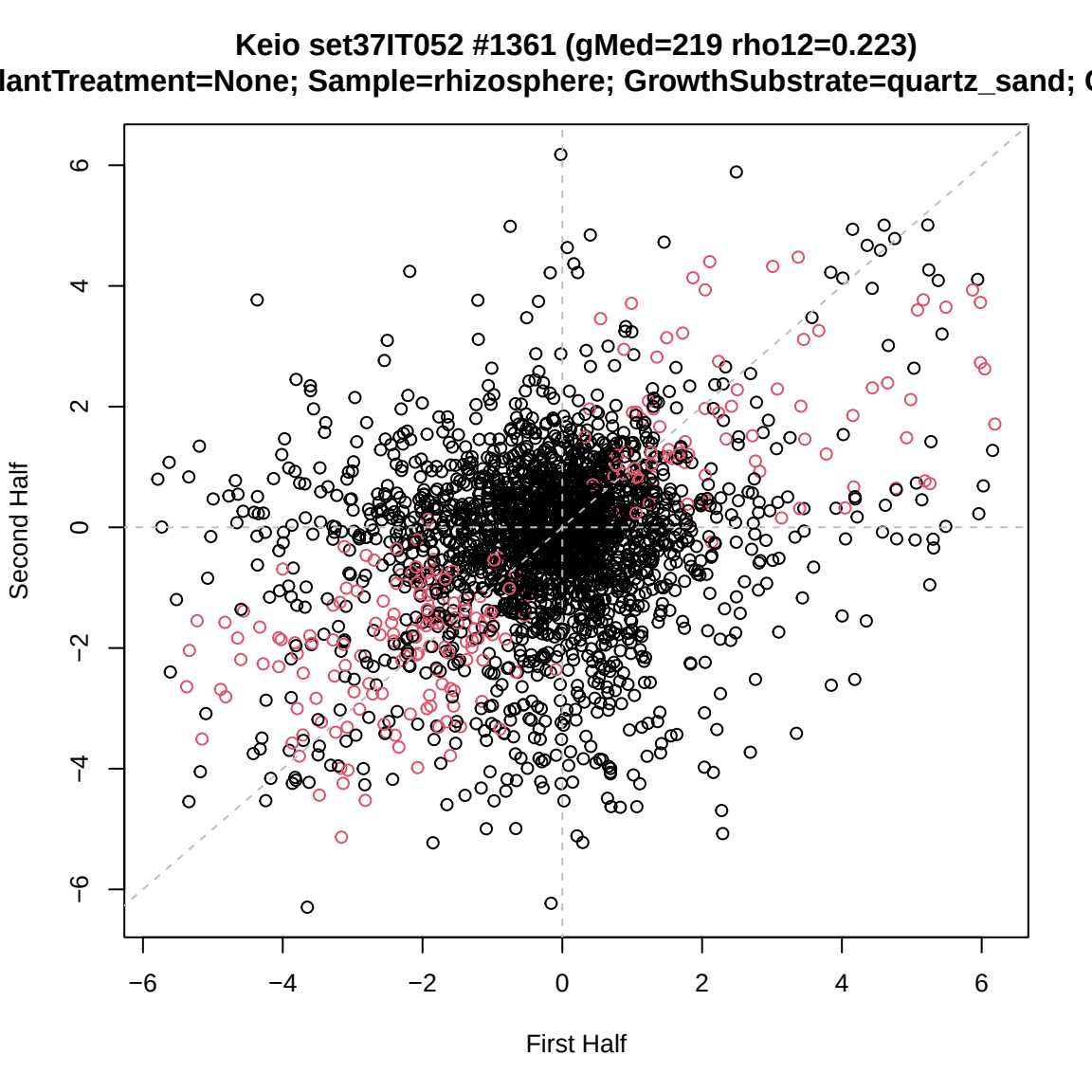

Keio set37IT022 #1350 (gMed=884 rho12=0.235)
Mixed culture control experiment
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0
2

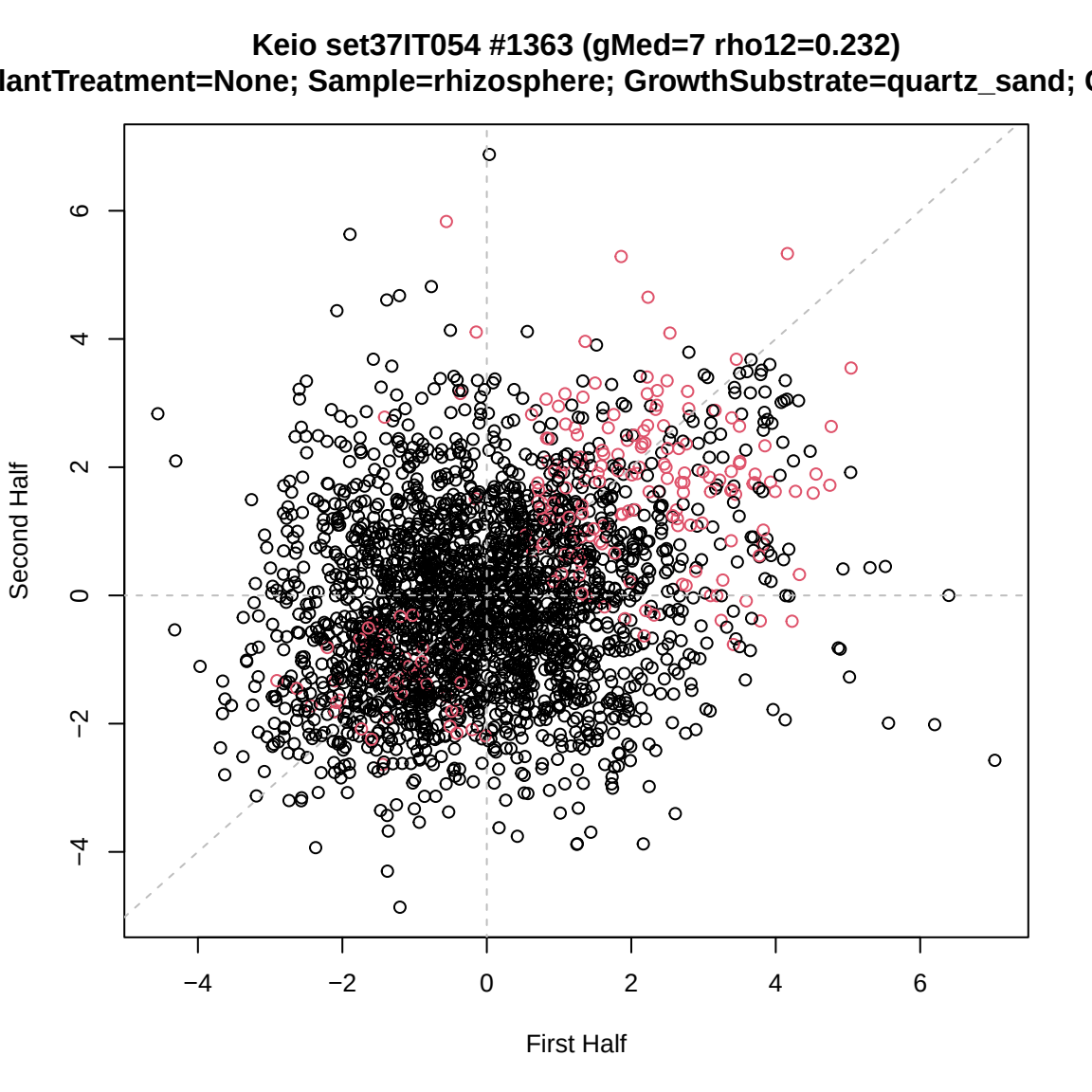

Keio set37IT023 #1351 (gMed=863 rho12=0.237)
Mixed culture control experiment
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

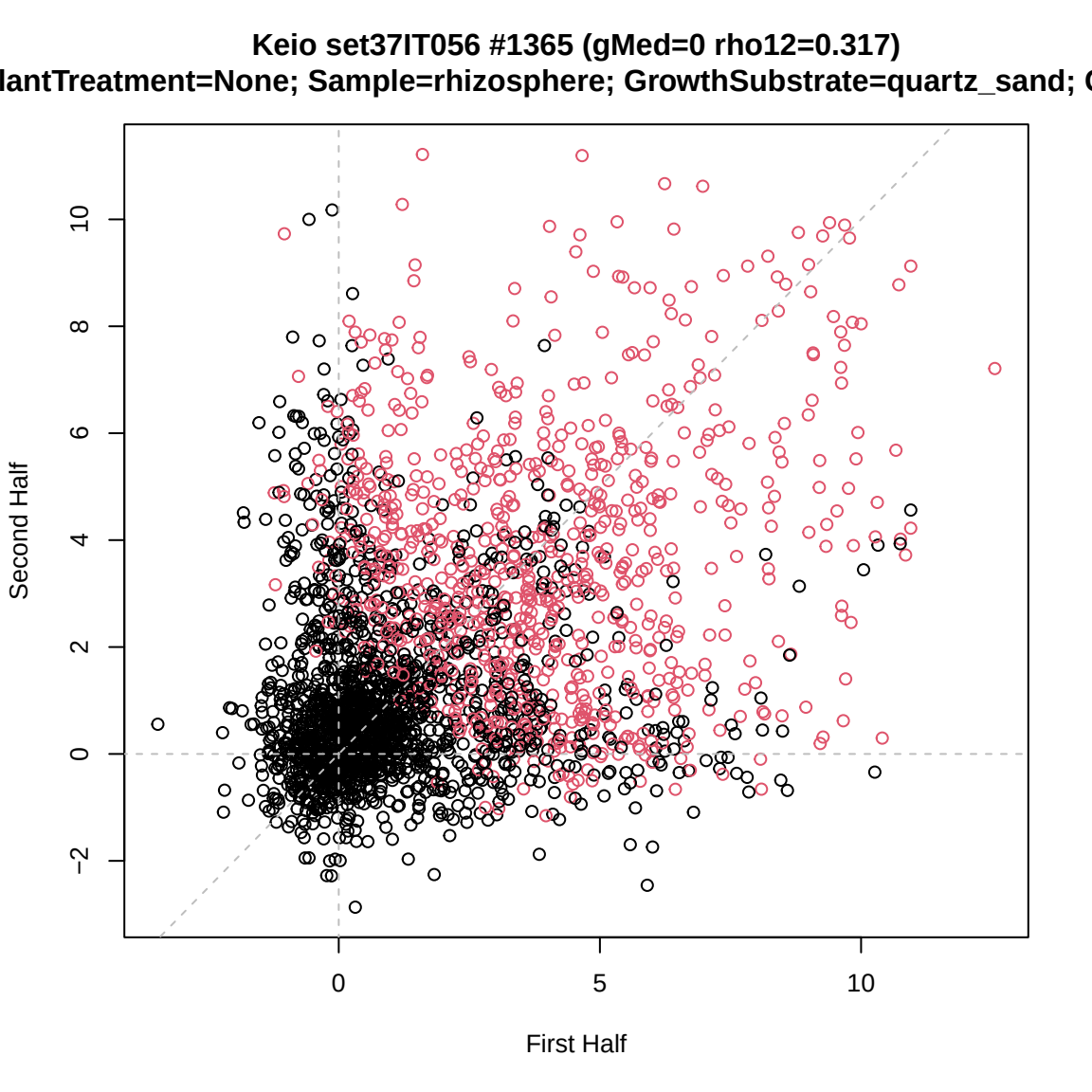

Keio set37IT024 #1352 (gMed=784 rho12=0.232)
LB 0.1x with Mixed culture; Trichoderma harzianum M10
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

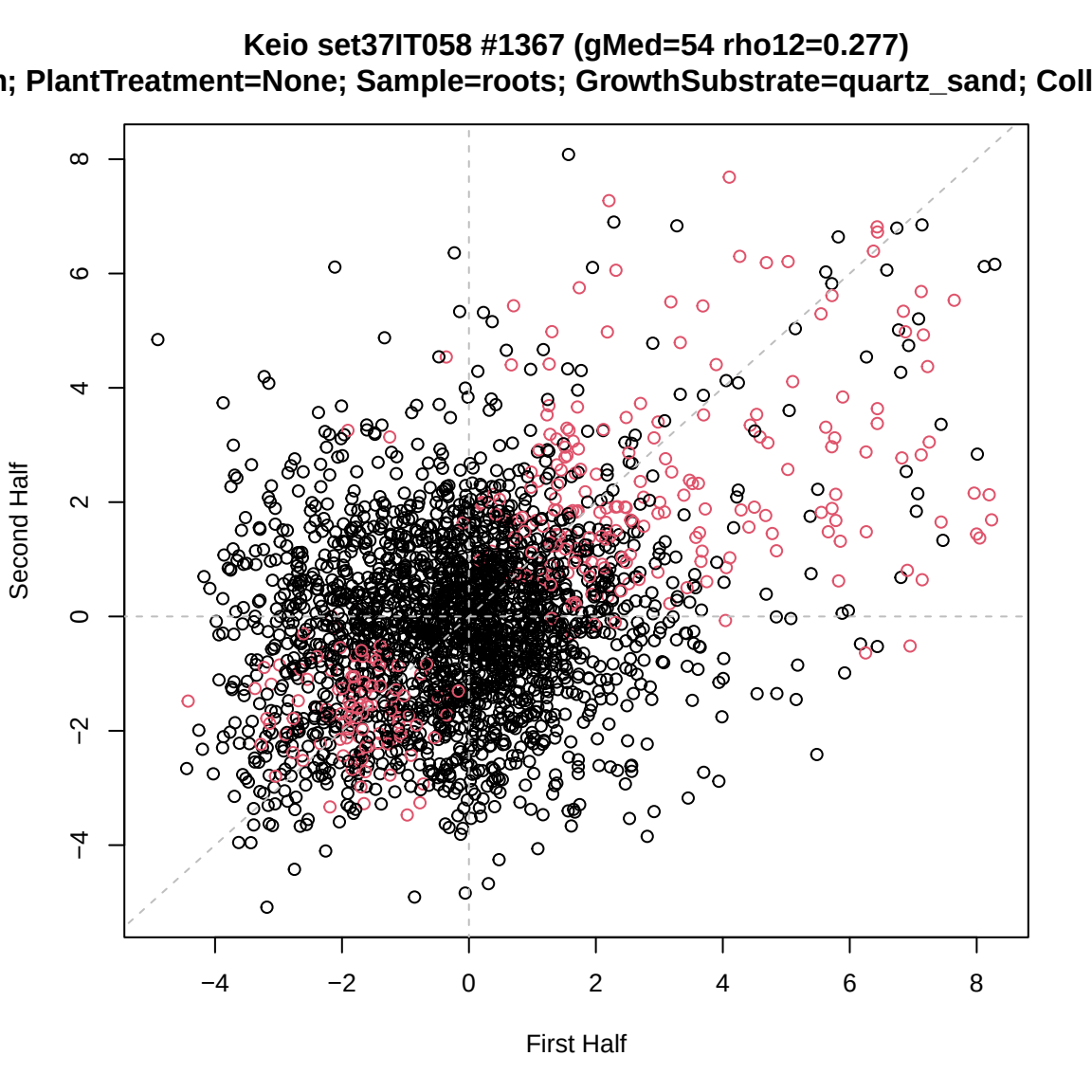

Keio set37IT027 #1355 (gMed=436 rho12=0.202)
LB 0.1x with Mixed culture; Trichoderma virens G41
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

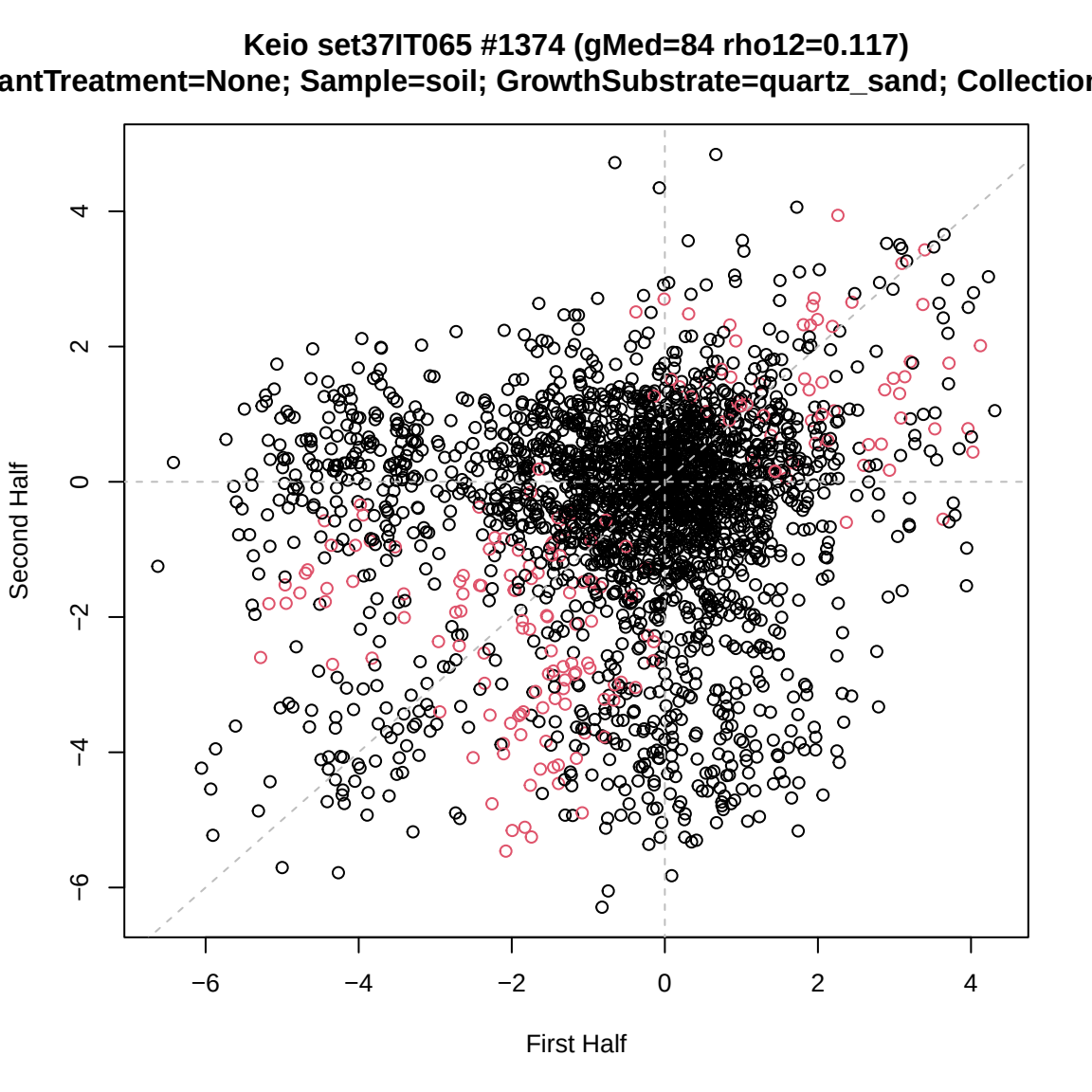

Keio set37IT049 #1358 (gMed=30 rho12=0.277)
lantTreatment=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand; G
Second Half
First Half
10
5
0
−5
−4
−2
0
2
4
6
8

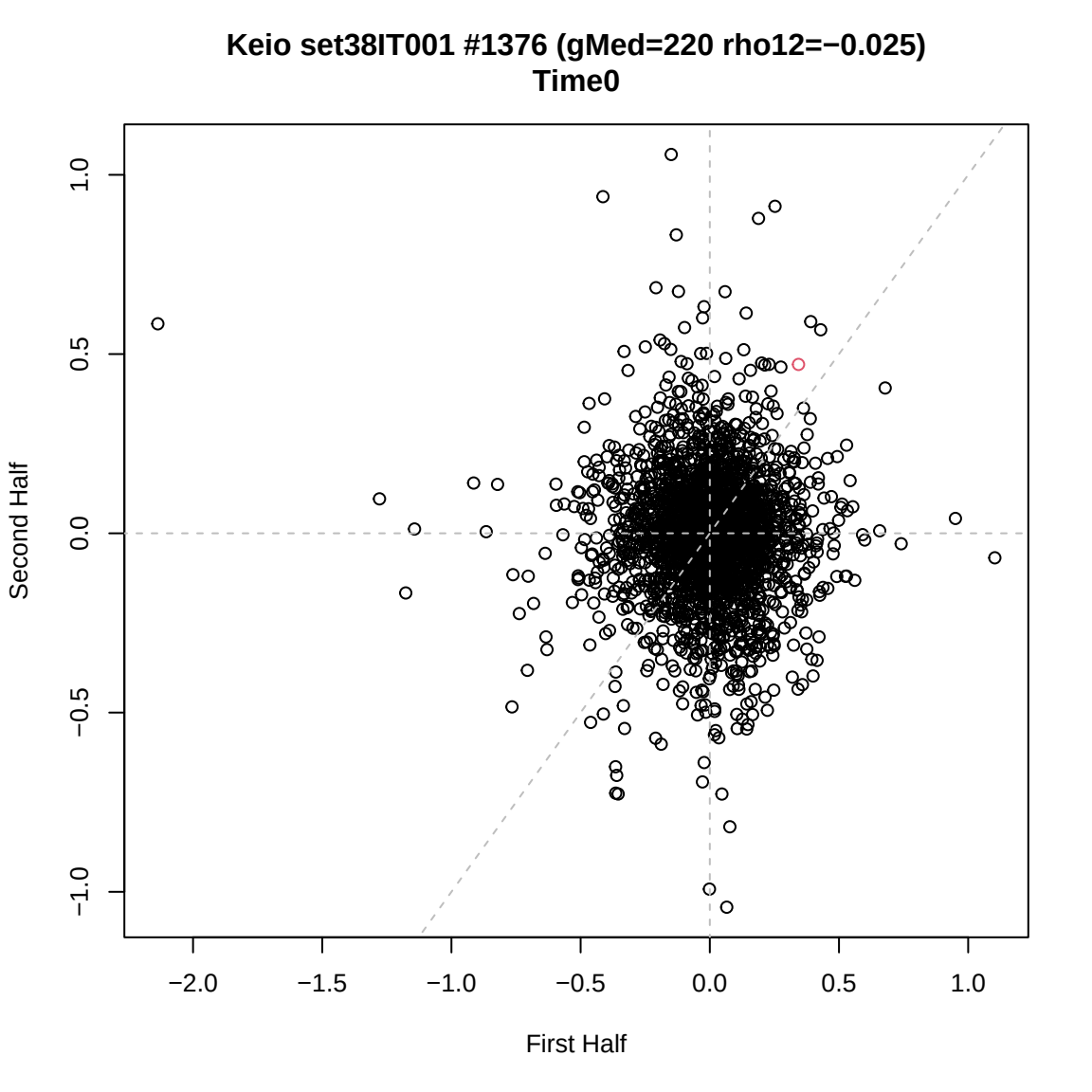

Keio set37IT052 #1361 (gMed=219 rho12=0.223)
lantTreatment=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand; G
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

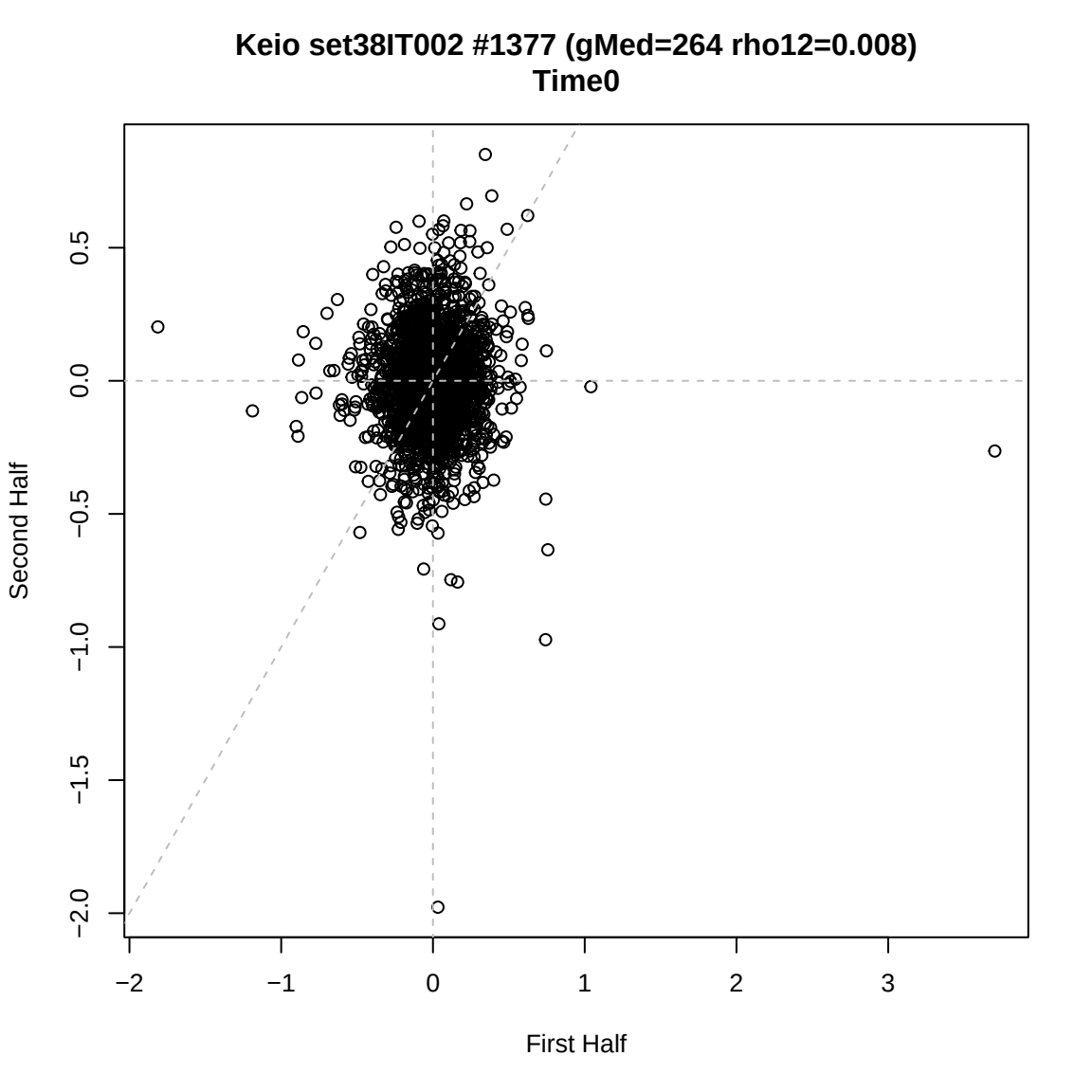

Keio set37IT054 #1363 (gMed=7 rho12=0.232)
lantTreatment=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand; C
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

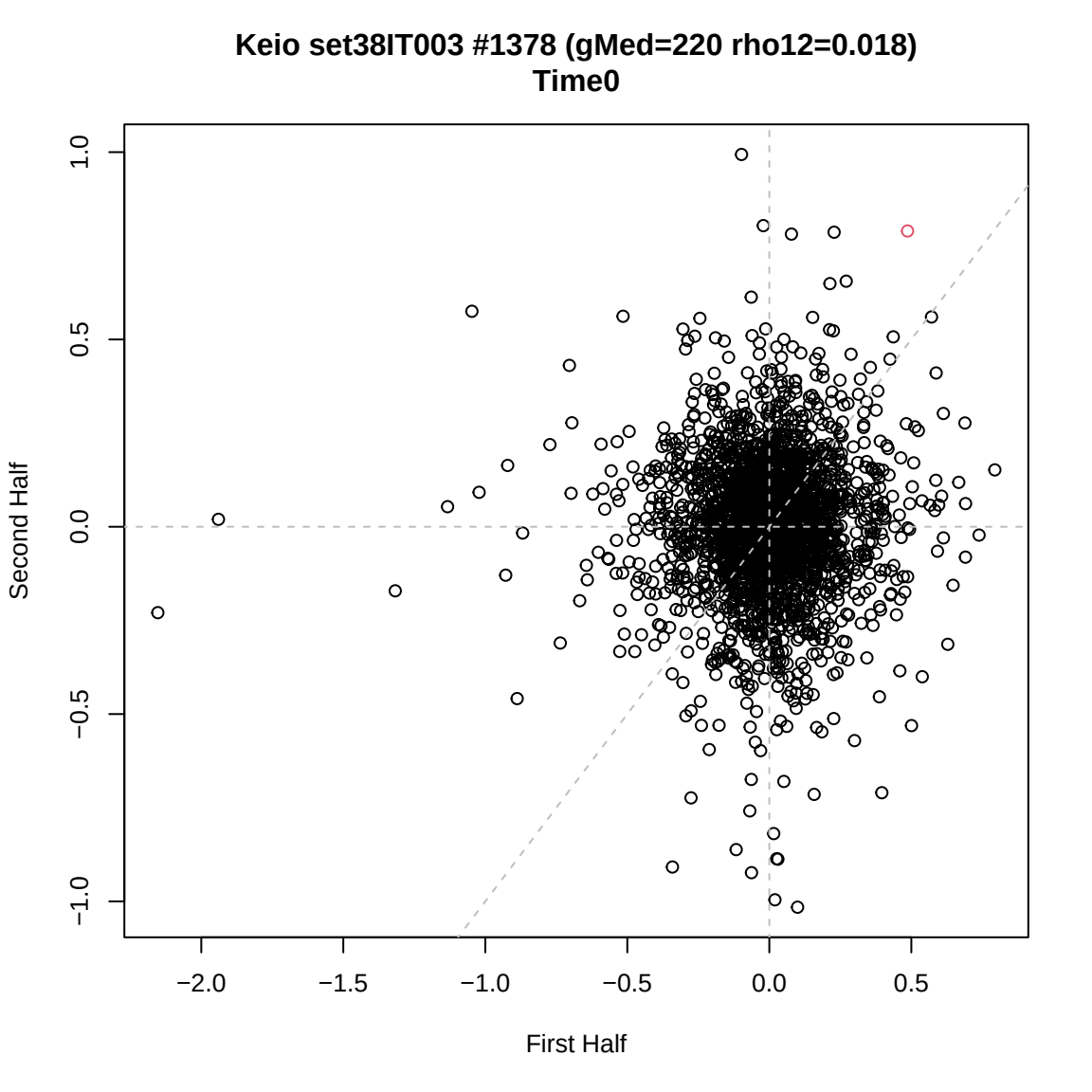

Keio set37IT056 #1365 (gMed=0 rho12=0.317)
lantTreatment=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand; G
Second Half
First Half
−2
0
2
4
6
8
10
0
5
10

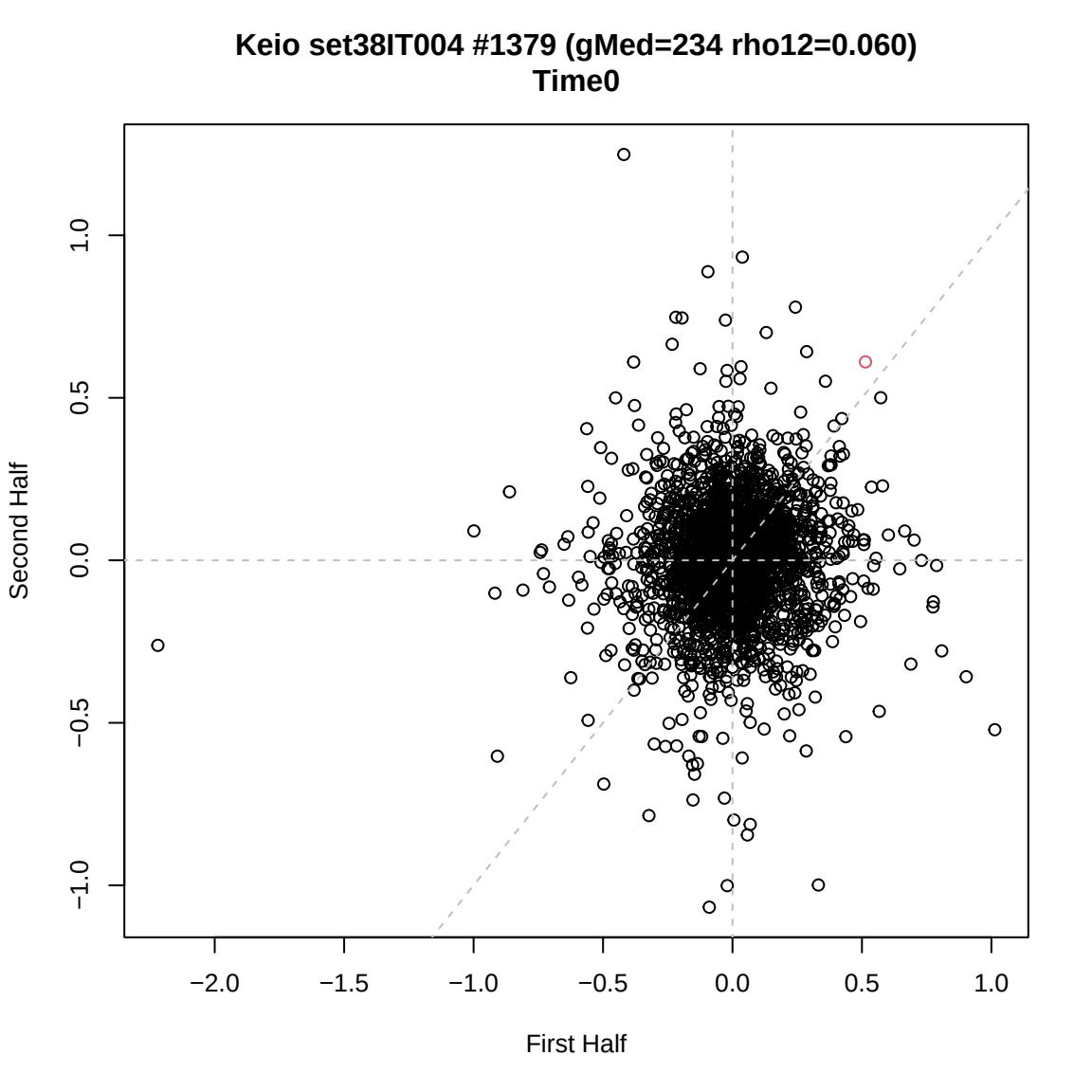

Keio set37IT058 #1367 (gMed=54 rho12=0.277)
n; PlantTreatment=None; Sample=roots; GrowthSubstrate=quartz_sand; Coll
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

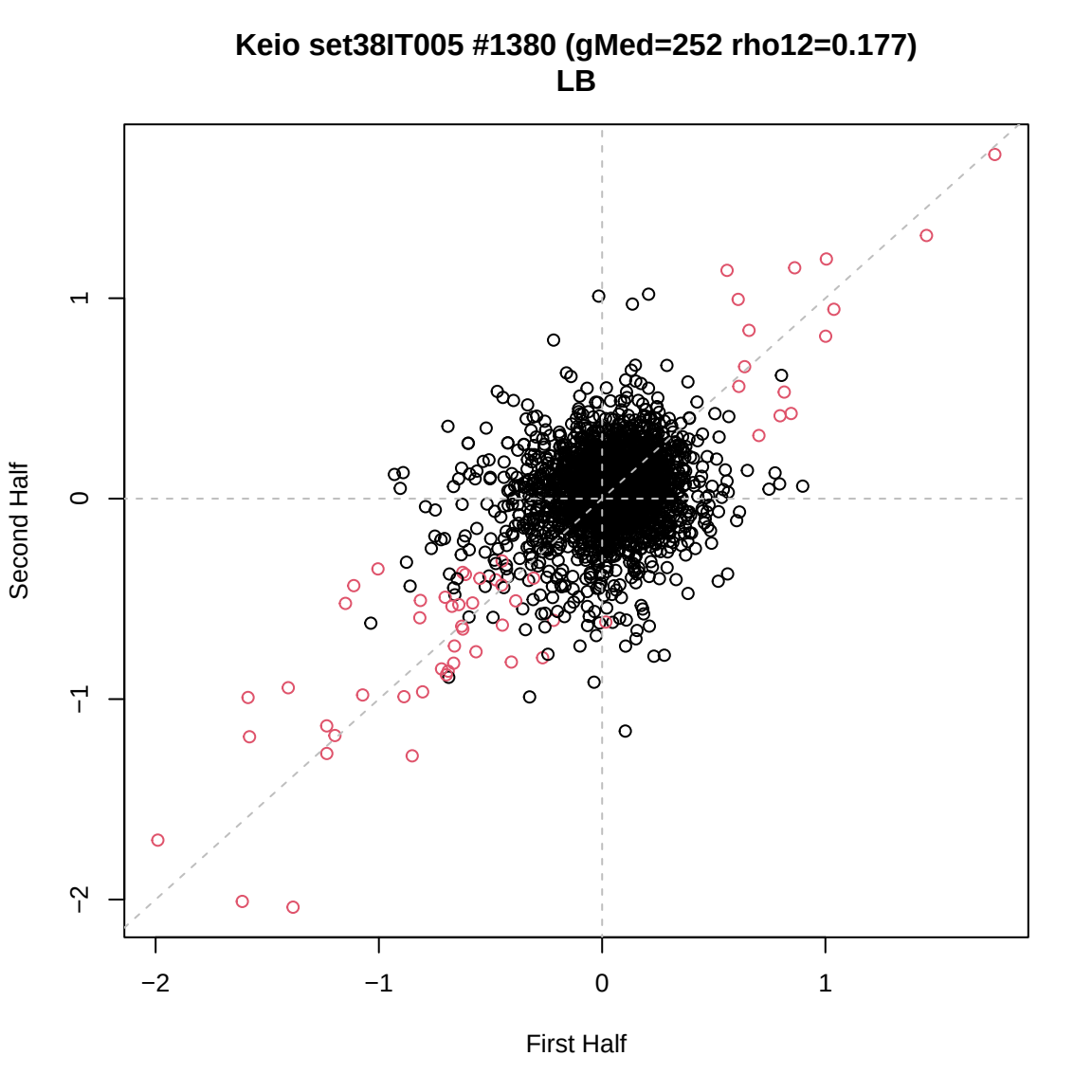

Keio set37IT065 #1374 (gMed=84 rho12=0.117)
antTreatment=None; Sample=soil; GrowthSubstrate=quartz_sand; Collection
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

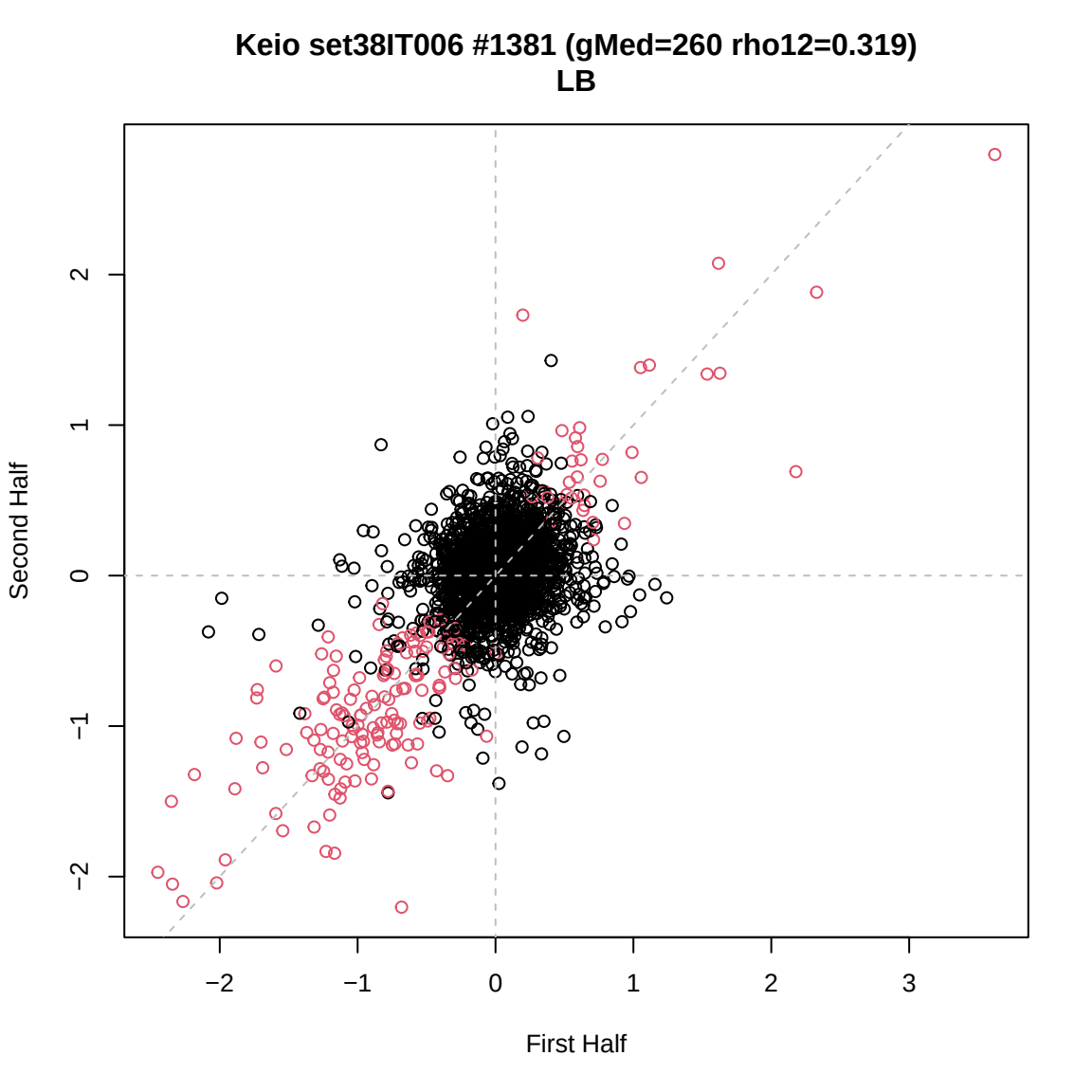

Keio set38IT001 #1376 (gMed=220 rho12=−0.025)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

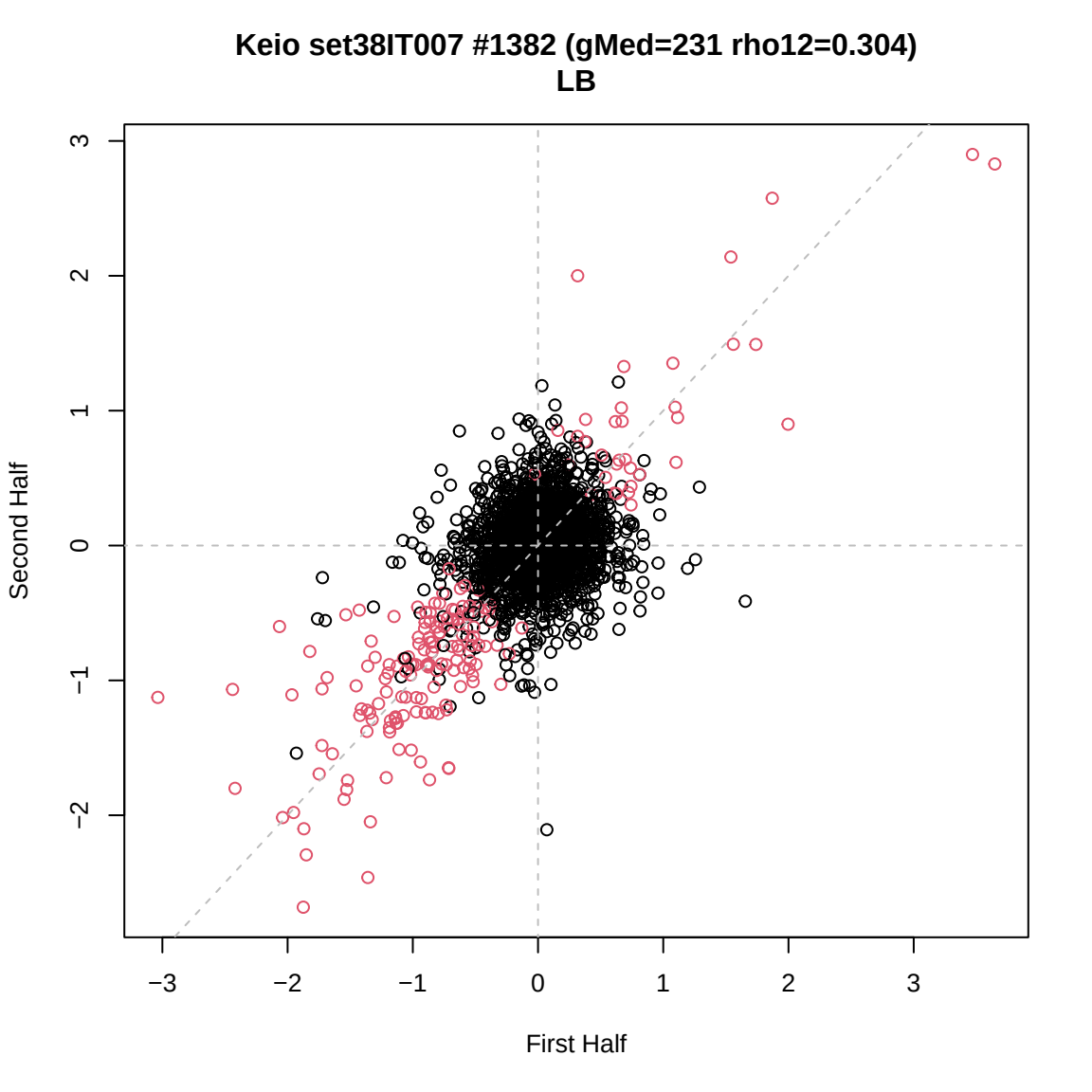

Keio set38IT002 #1377 (gMed=264 rho12=0.008)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1
2
3

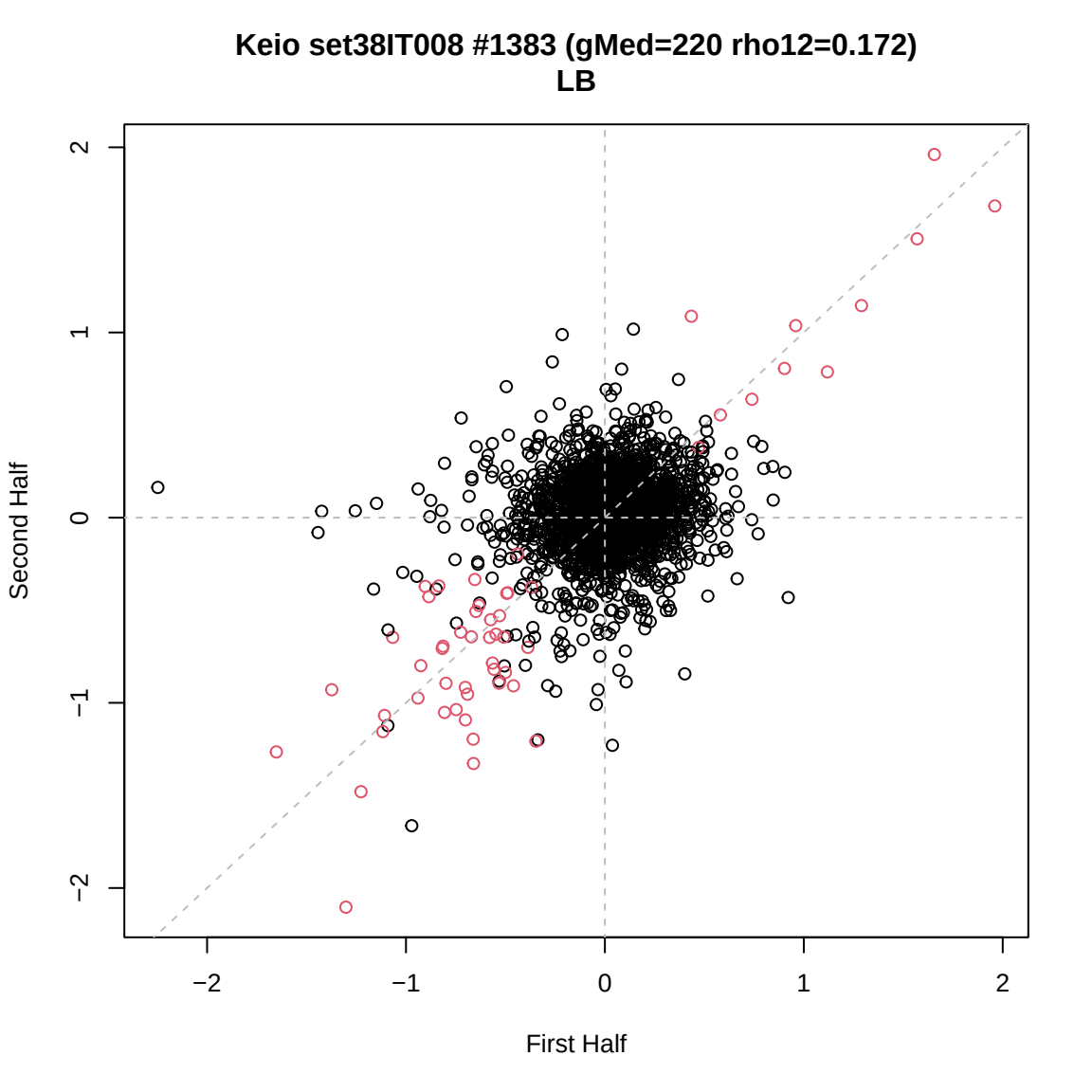

Keio set38IT003 #1378 (gMed=220 rho12=0.018)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5

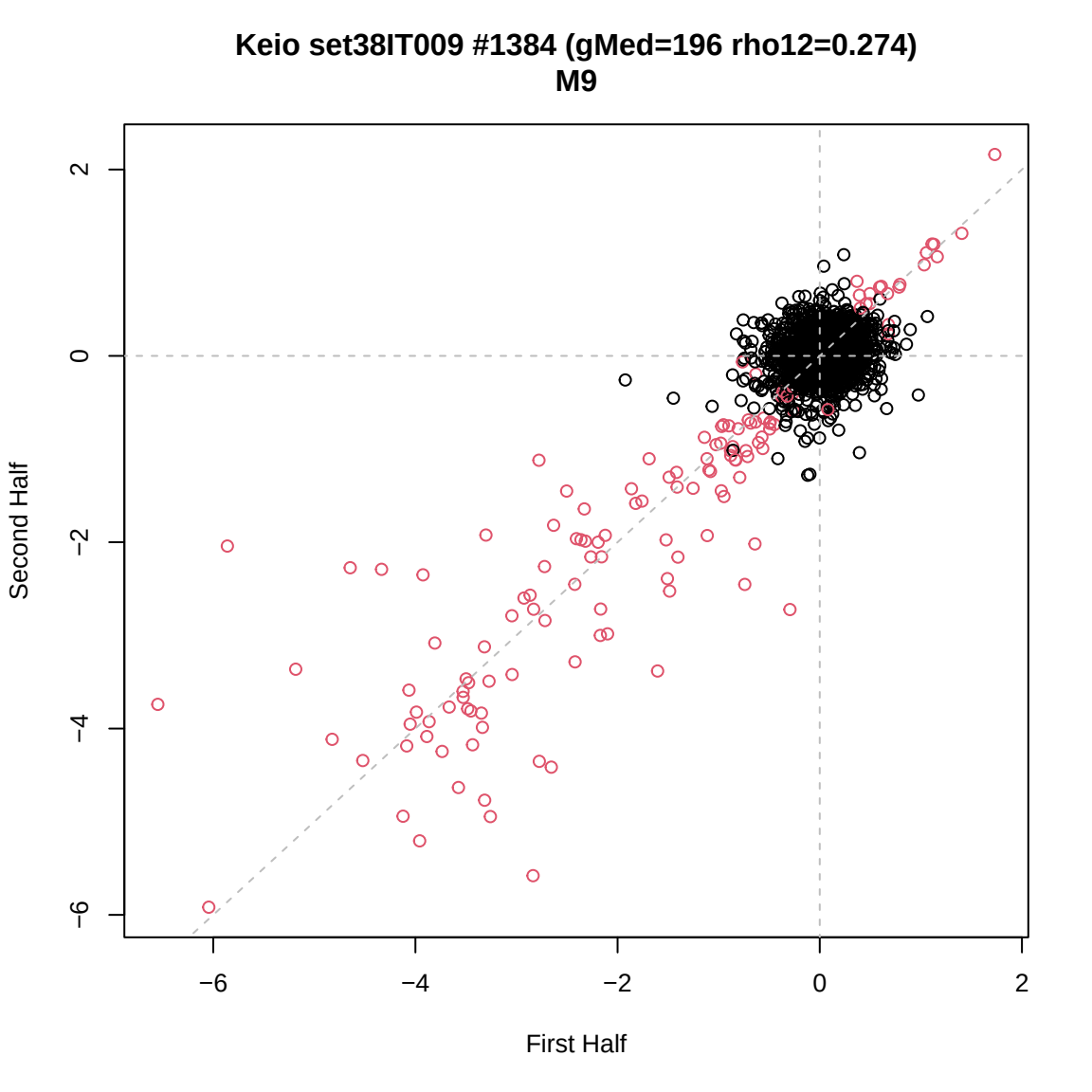

Keio set38IT004 #1379 (gMed=234 rho12=0.060)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

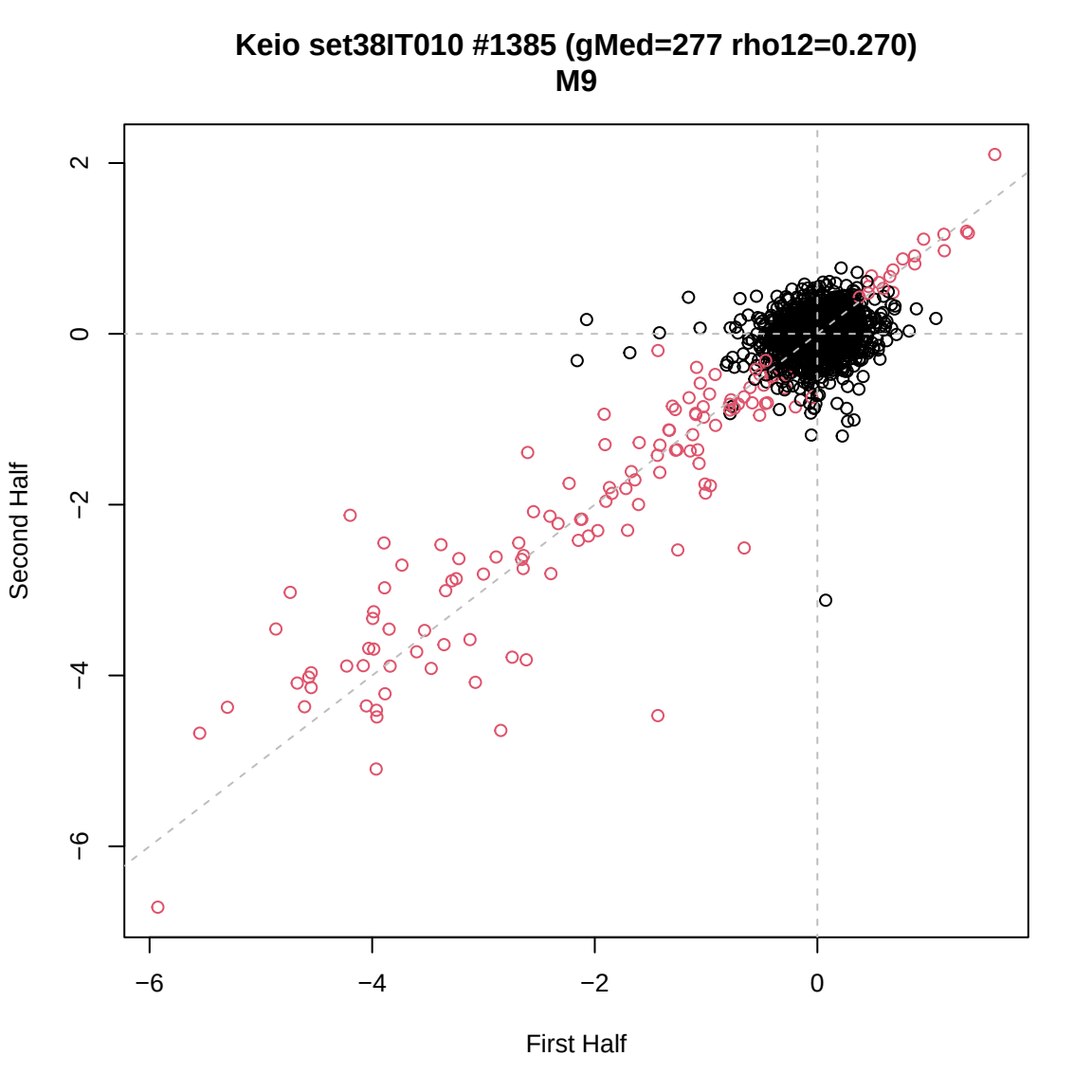

Keio set38IT005 #1380 (gMed=252 rho12=0.177)
LB
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

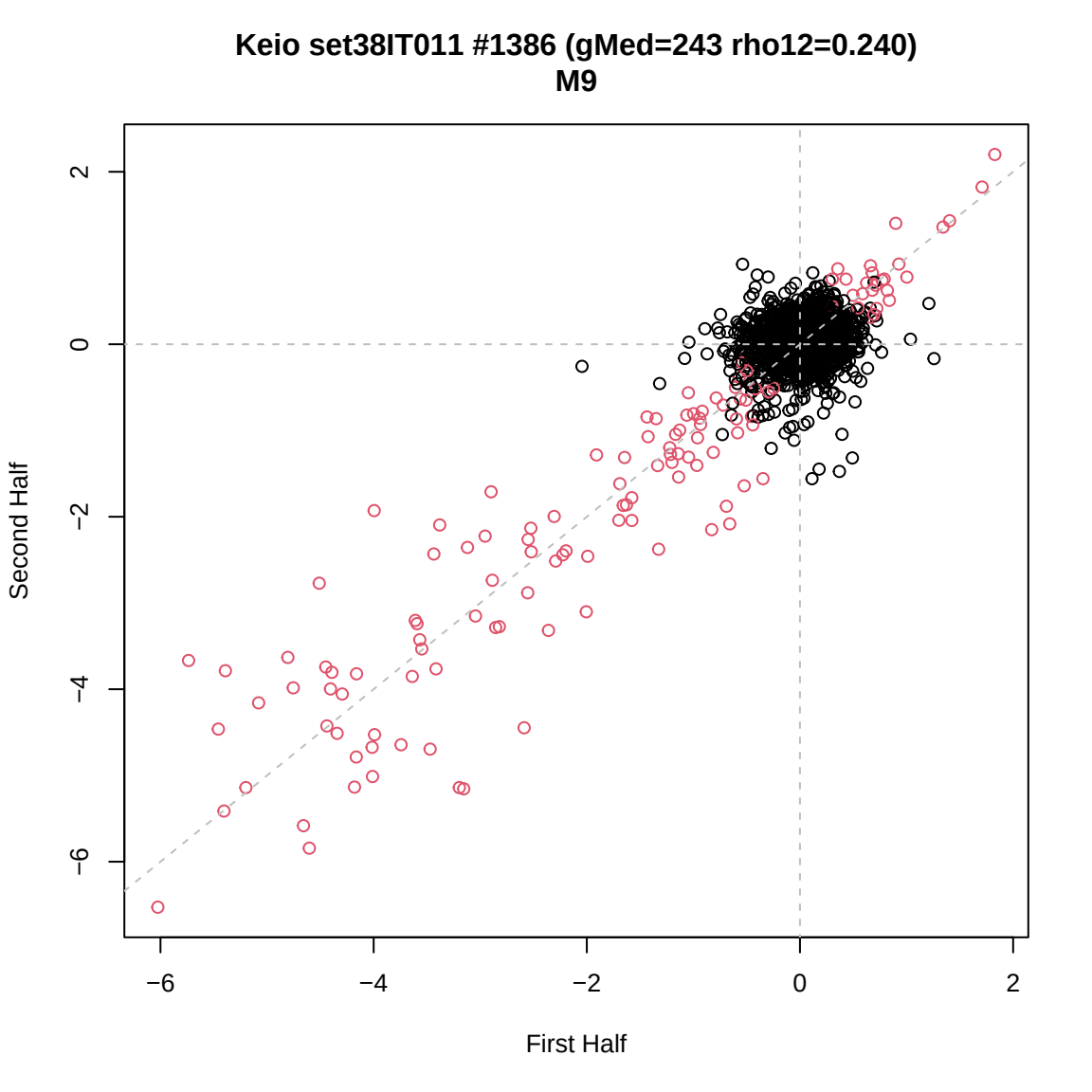

Keio set38IT006 #1381 (gMed=260 rho12=0.319)
LB
Second Half
First Half
−2
−1
0
1
2
3

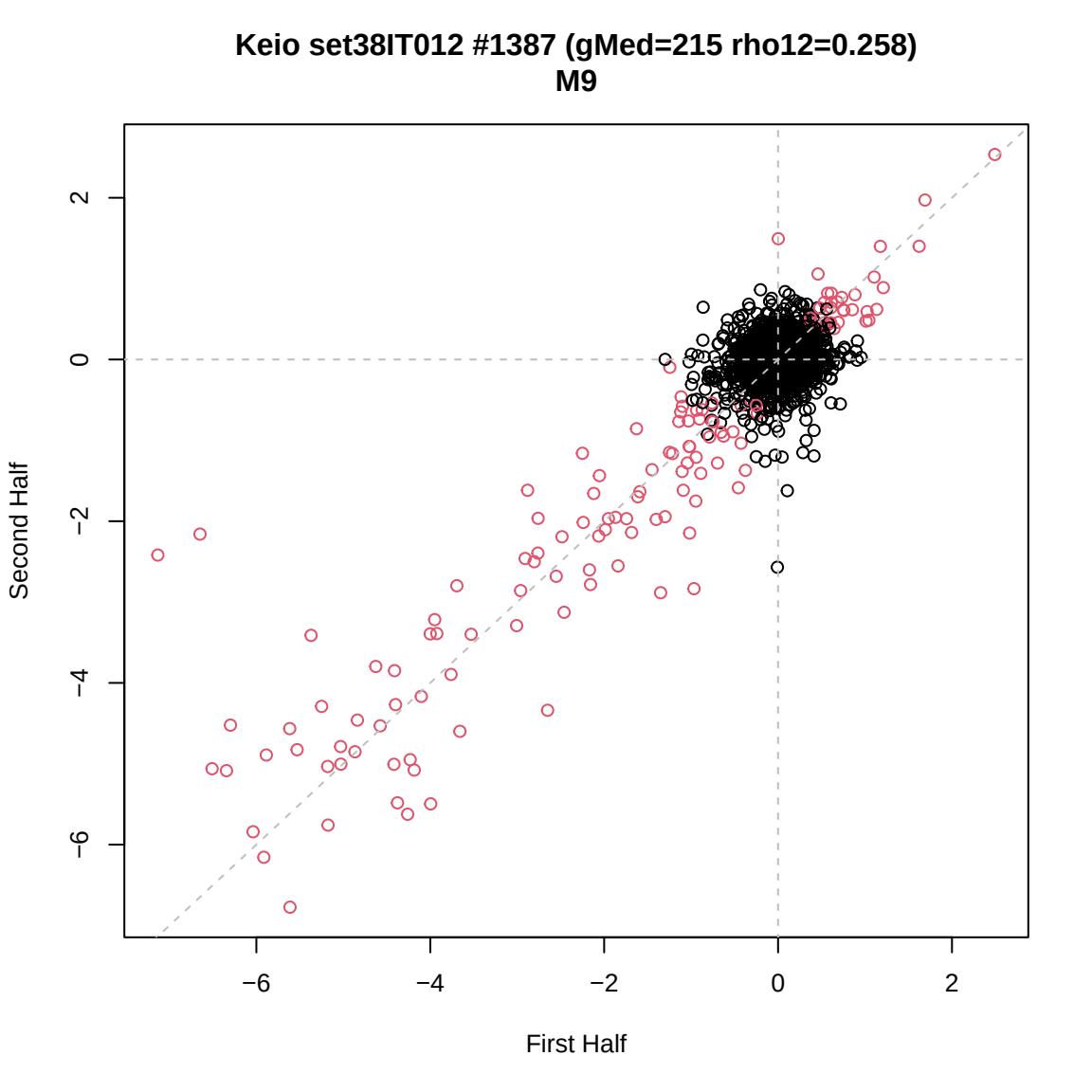

Keio set38IT007 #1382 (gMed=231 rho12=0.304)
LB
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

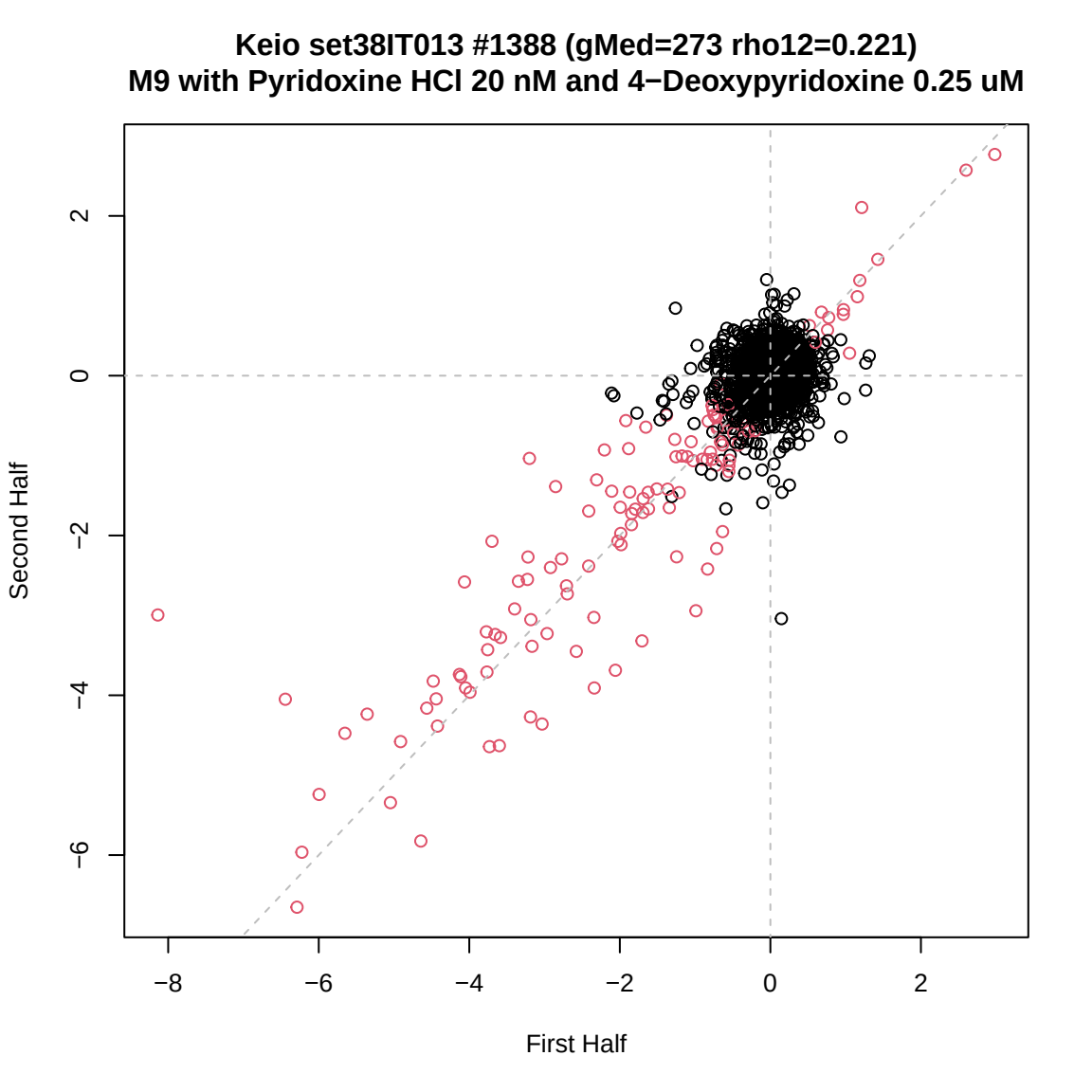

Keio set38IT008 #1383 (gMed=220 rho12=0.172)
LB
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

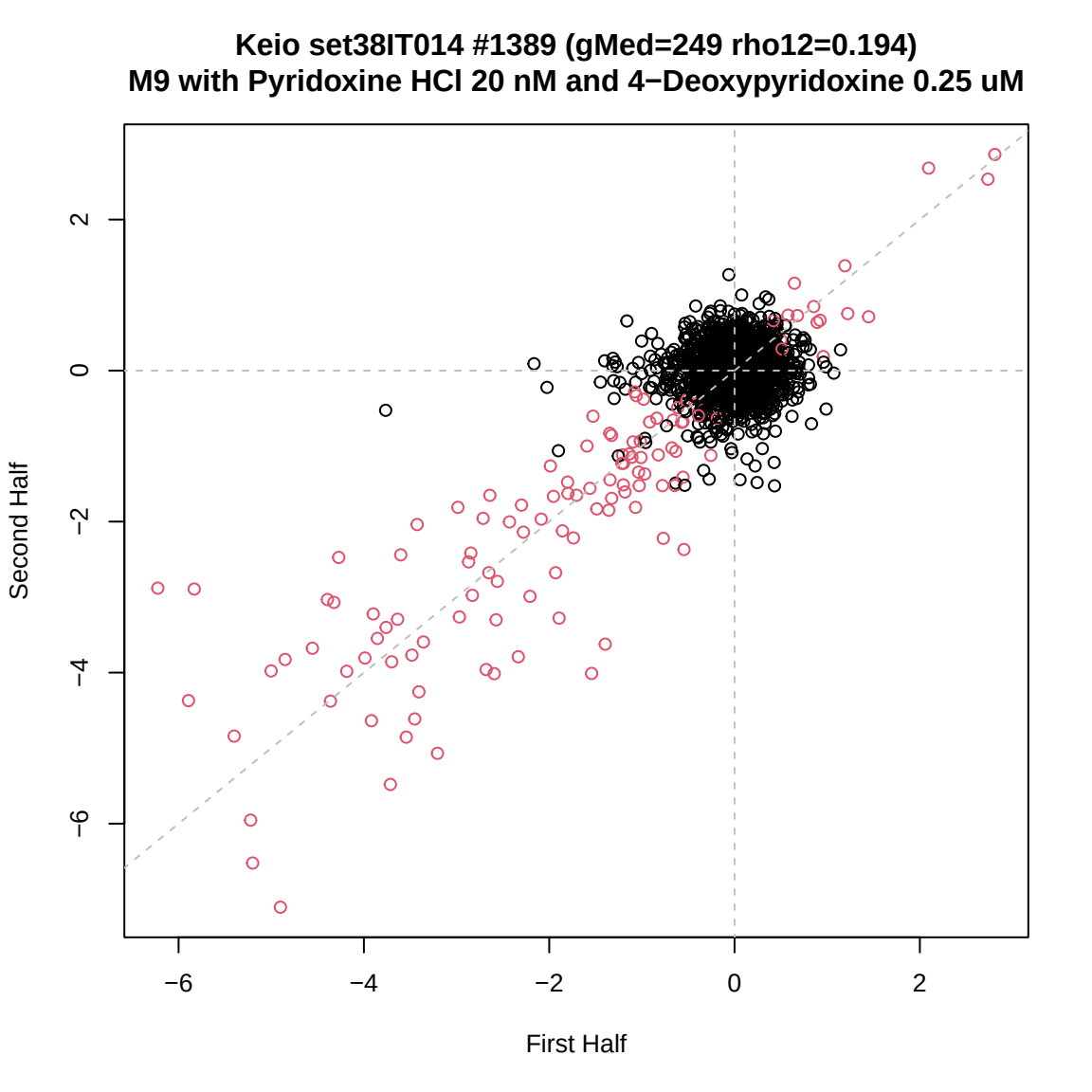

Keio set38IT009 #1384 (gMed=196 rho12=0.274)
M9
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

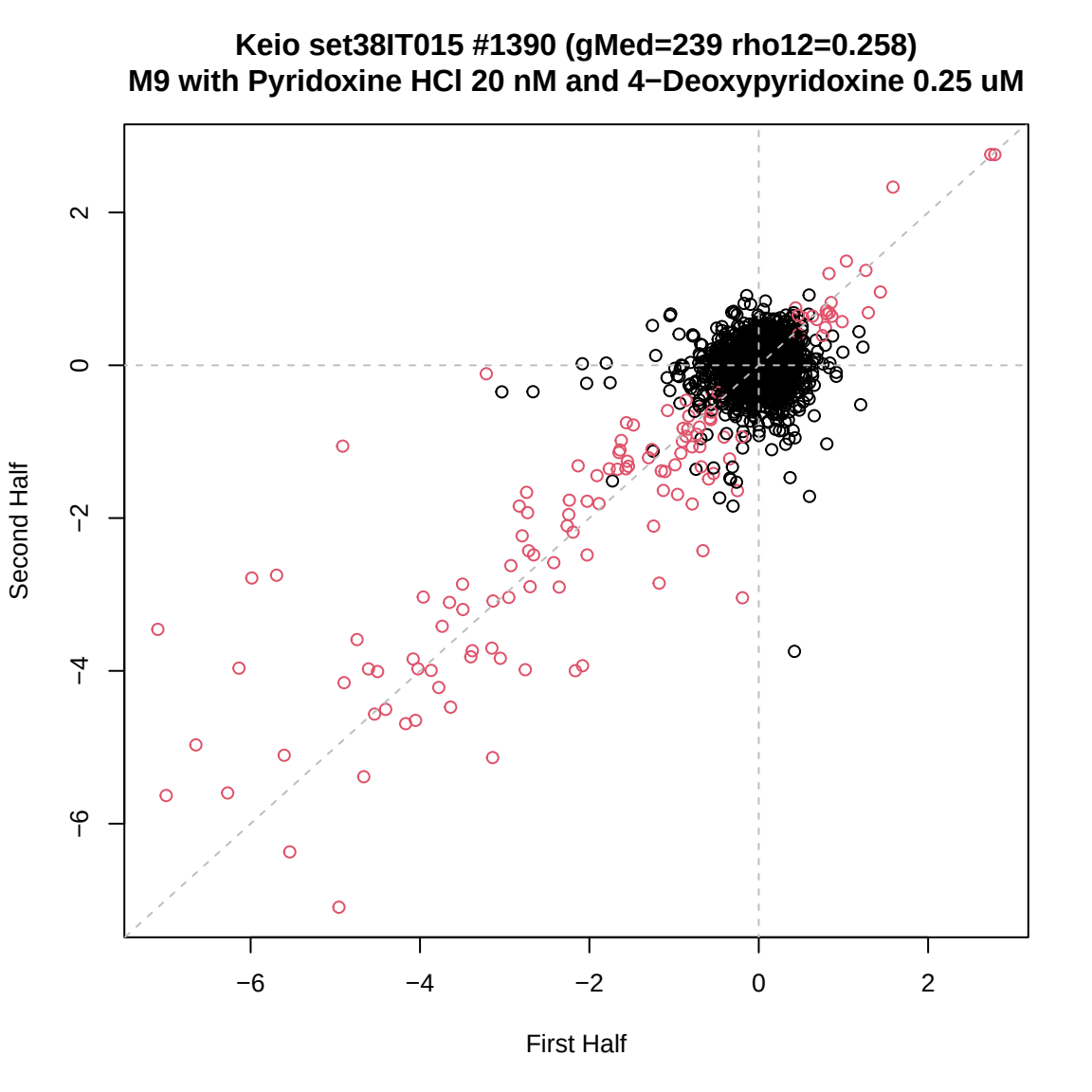

Keio set38IT010 #1385 (gMed=277 rho12=0.270)
M9
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0

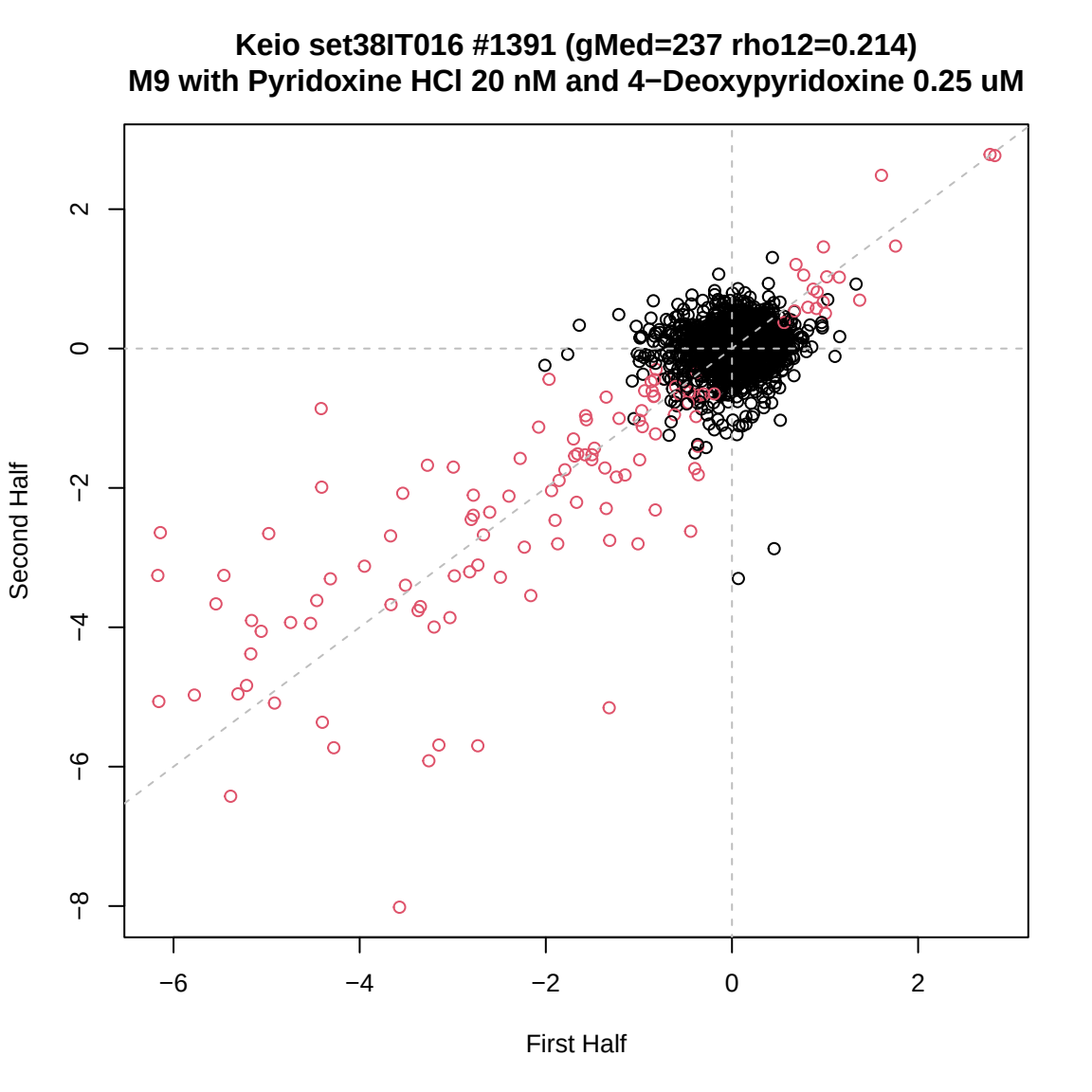

Keio set38IT011 #1386 (gMed=243 rho12=0.240)
M9
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

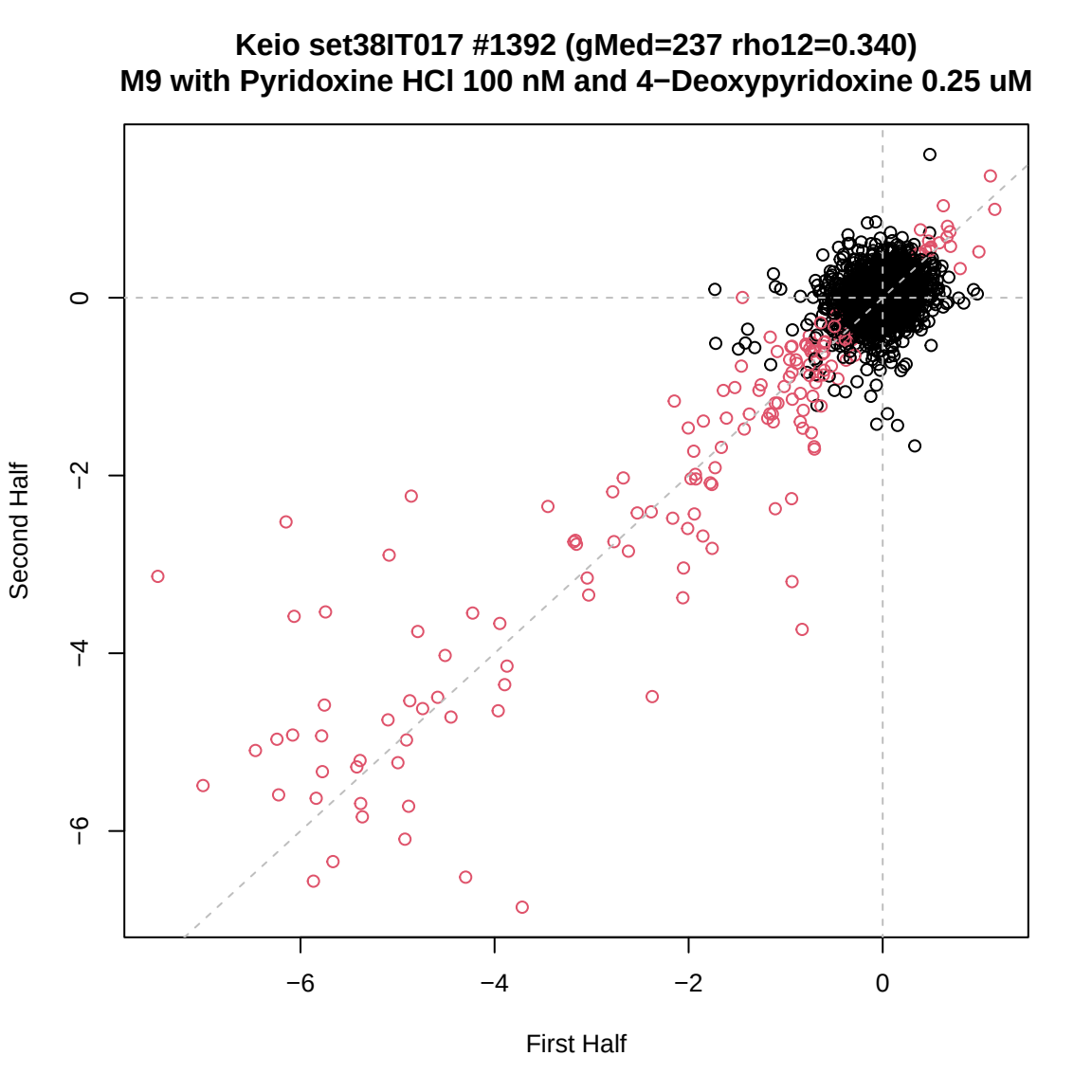

Keio set38IT012 #1387 (gMed=215 rho12=0.258)
M9
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

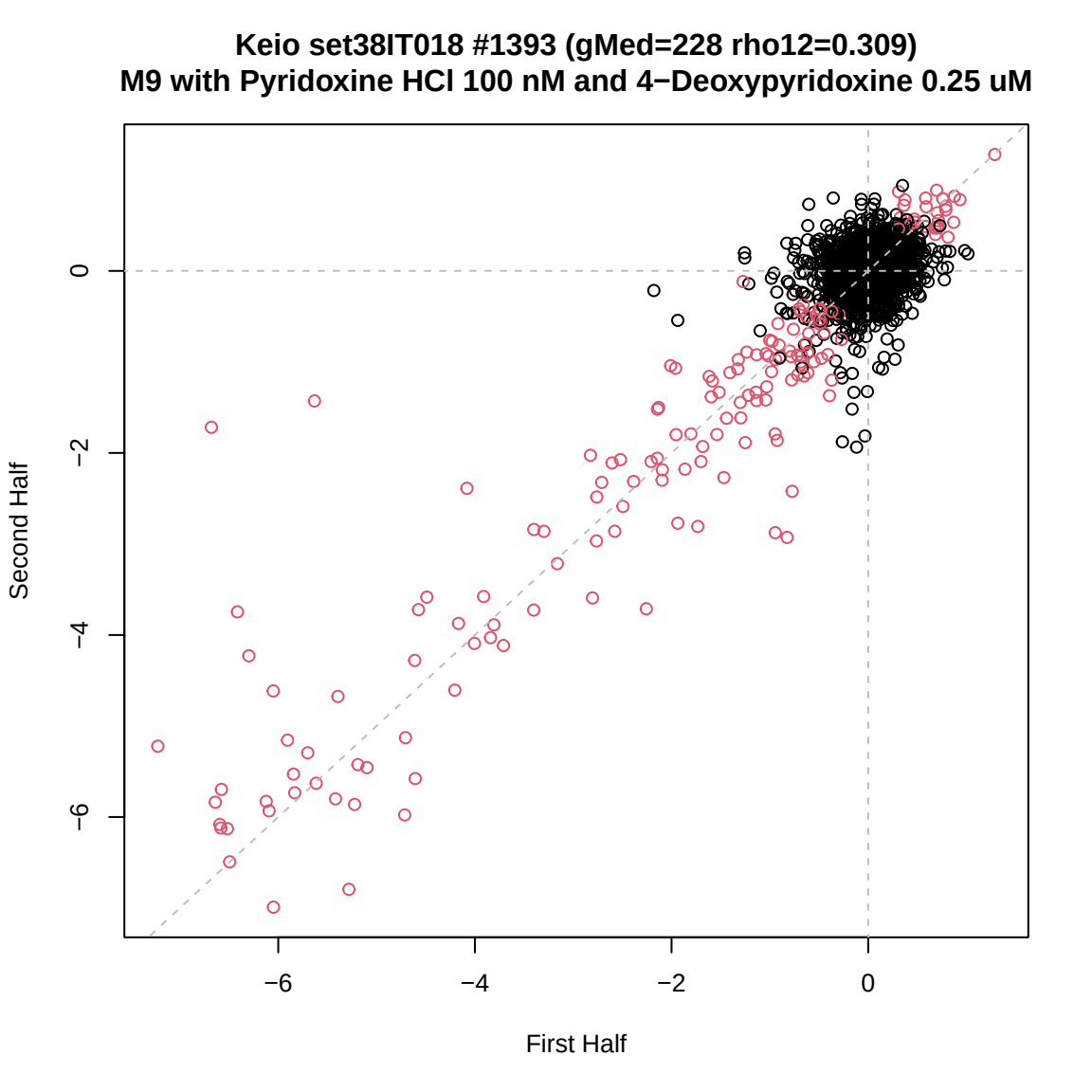

Keio set38IT013 #1388 (gMed=273 rho12=0.221)
M9 with Pyridoxine HCl 20 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

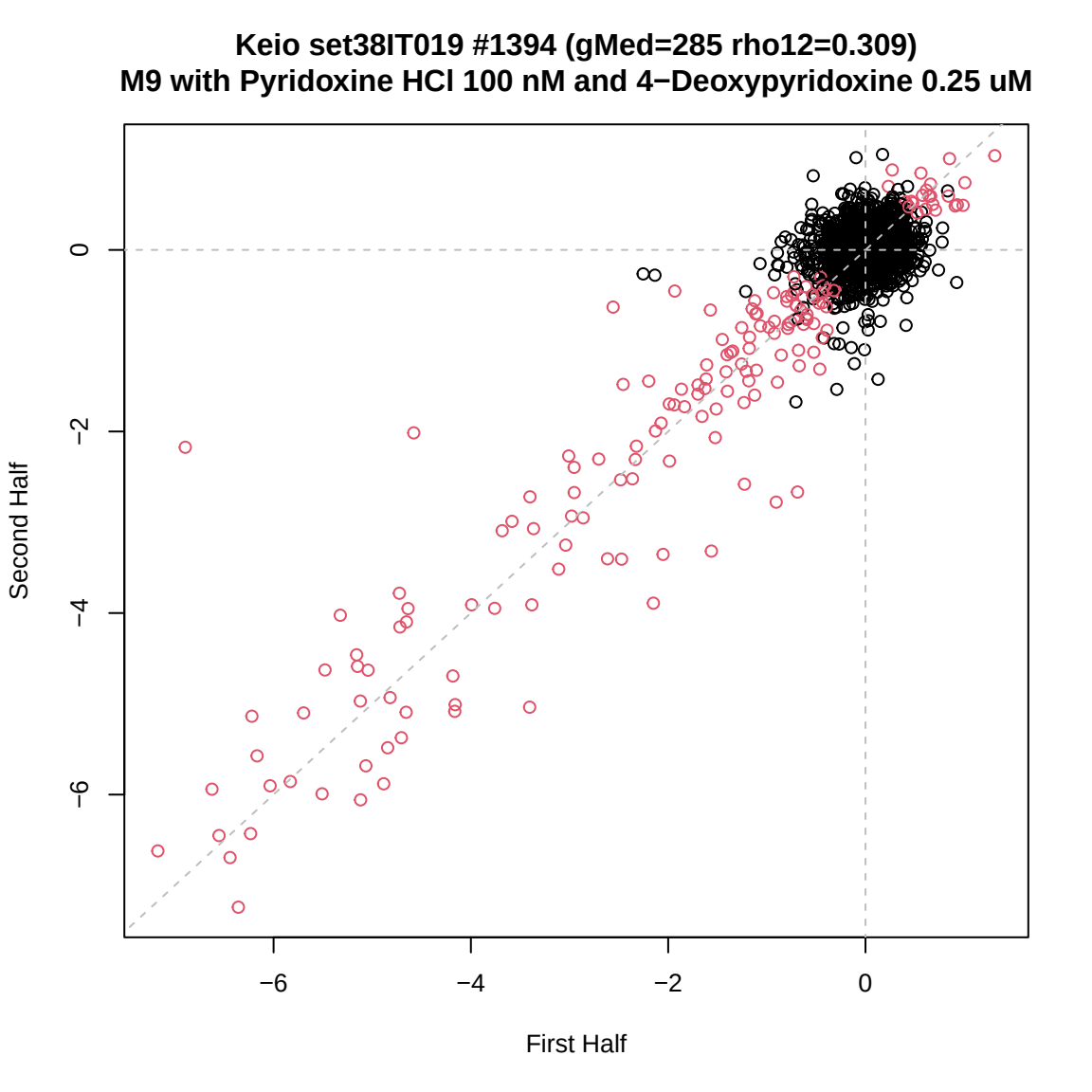

Keio set38IT014 #1389 (gMed=249 rho12=0.194)
M9 with Pyridoxine HCl 20 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

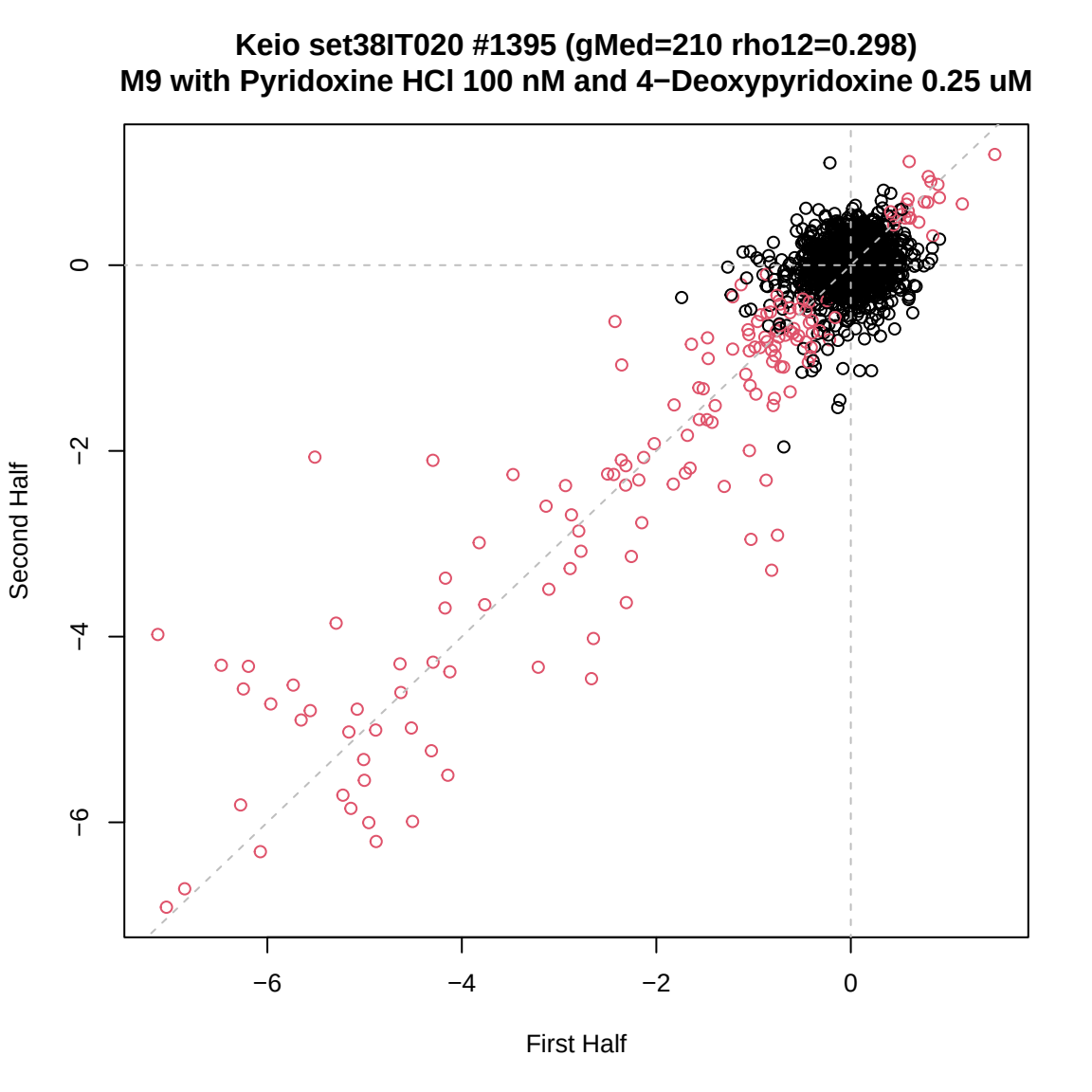

Keio set38IT015 #1390 (gMed=239 rho12=0.258)
M9 with Pyridoxine HCl 20 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

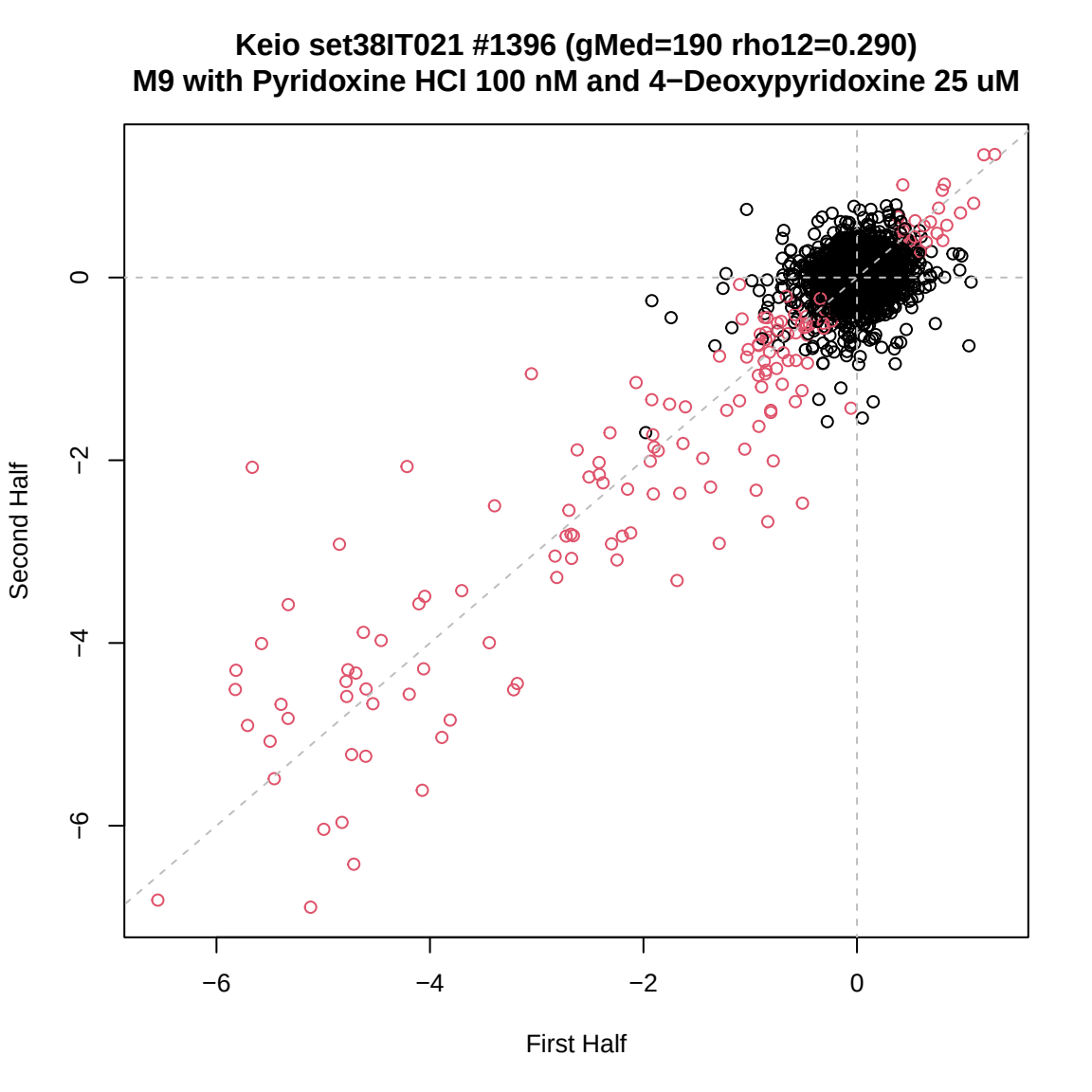

Keio set38IT016 #1391 (gMed=237 rho12=0.214)
M9 with Pyridoxine HCl 20 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

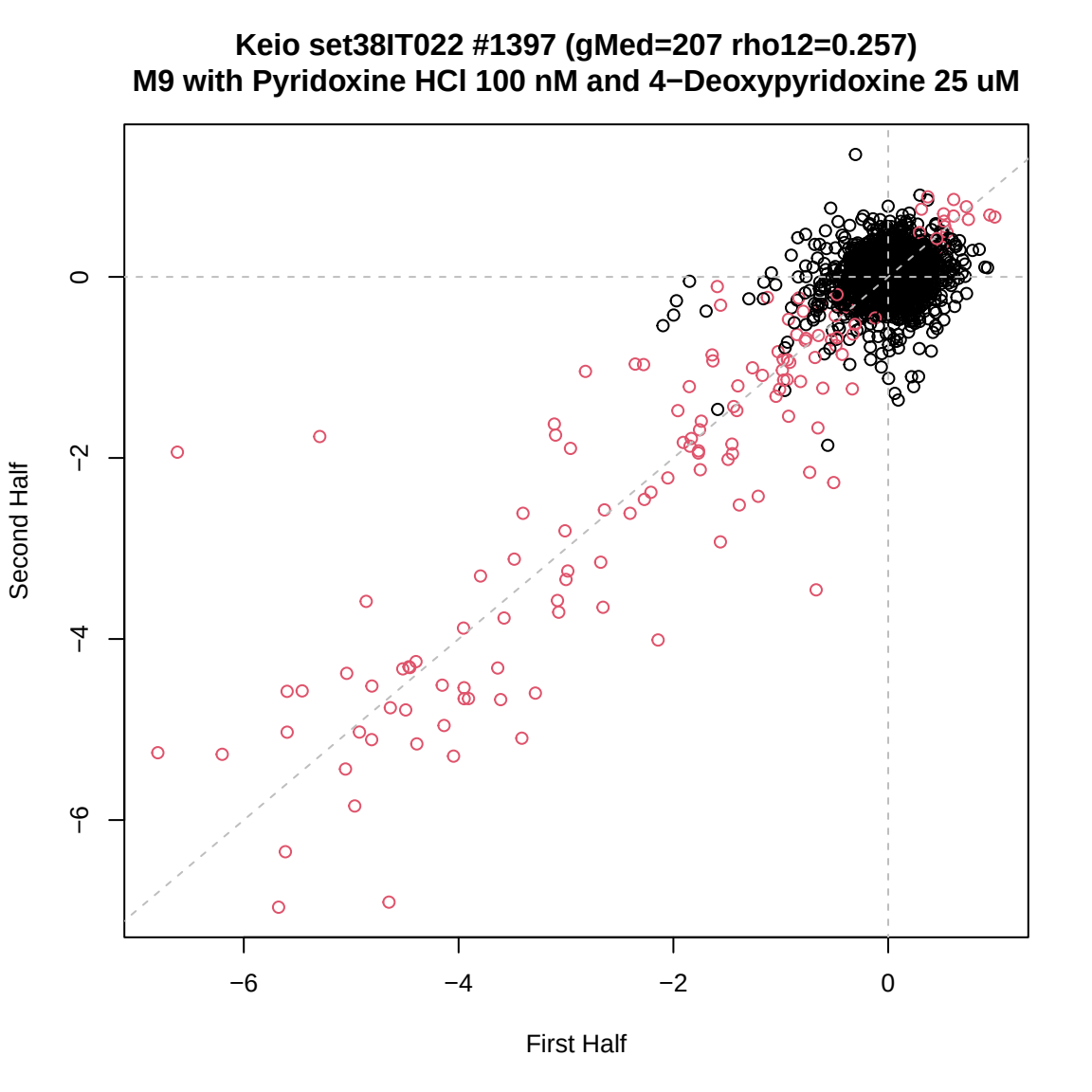

Keio set38IT017 #1392 (gMed=237 rho12=0.340)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

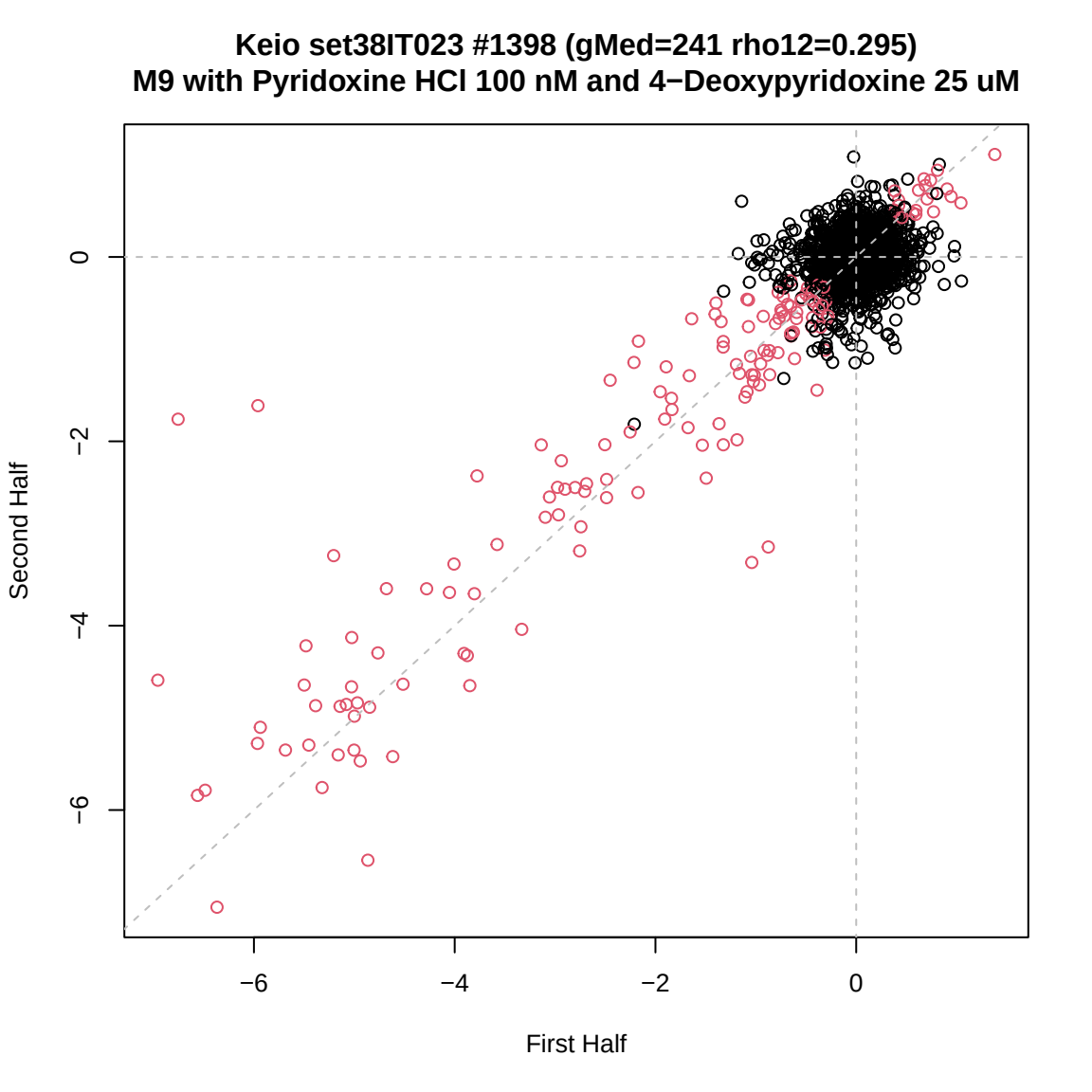

Keio set38IT018 #1393 (gMed=228 rho12=0.309)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

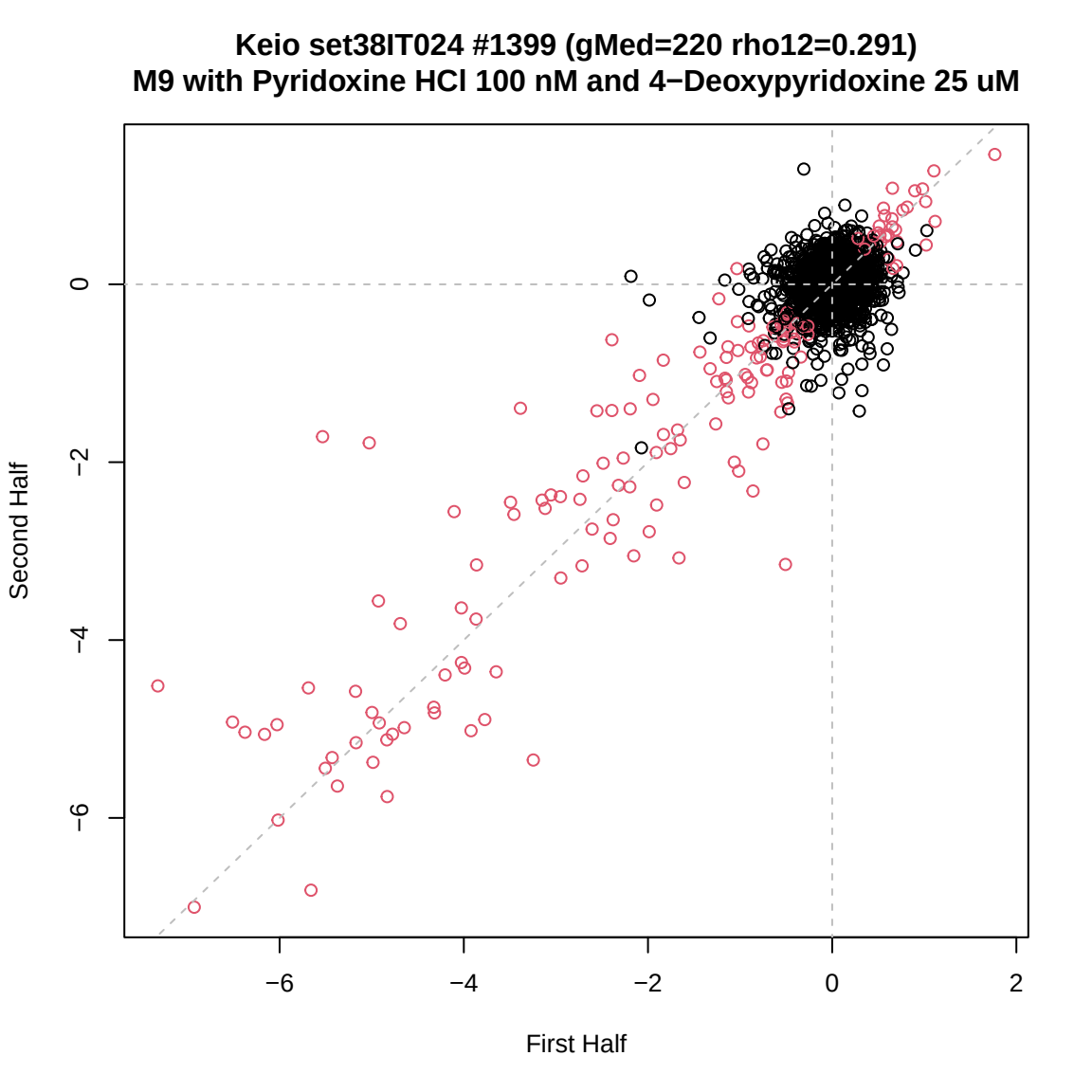

Keio set38IT019 #1394 (gMed=285 rho12=0.309)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

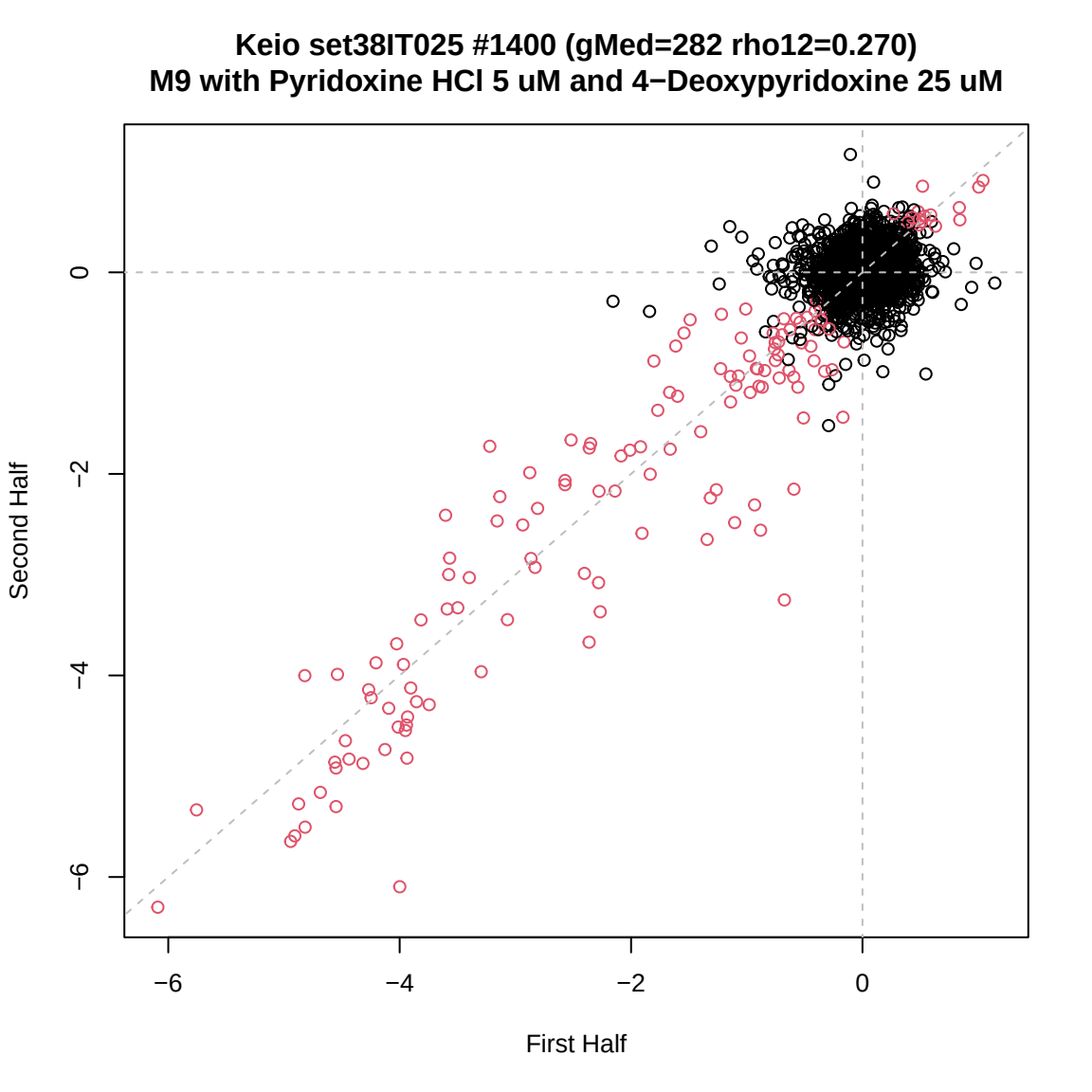

Keio set38IT020 #1395 (gMed=210 rho12=0.298)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 0.25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

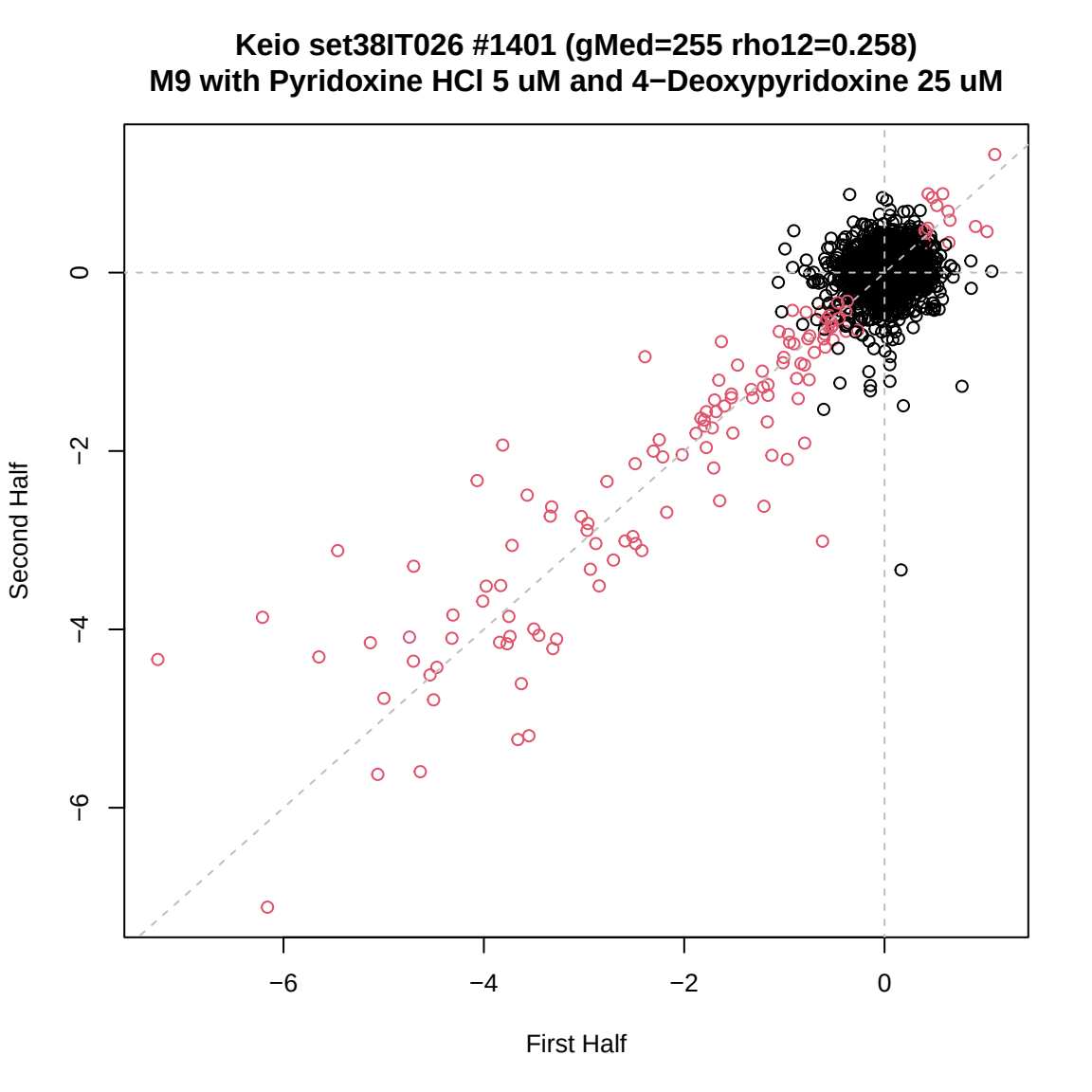

Keio set38IT021 #1396 (gMed=190 rho12=0.290)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

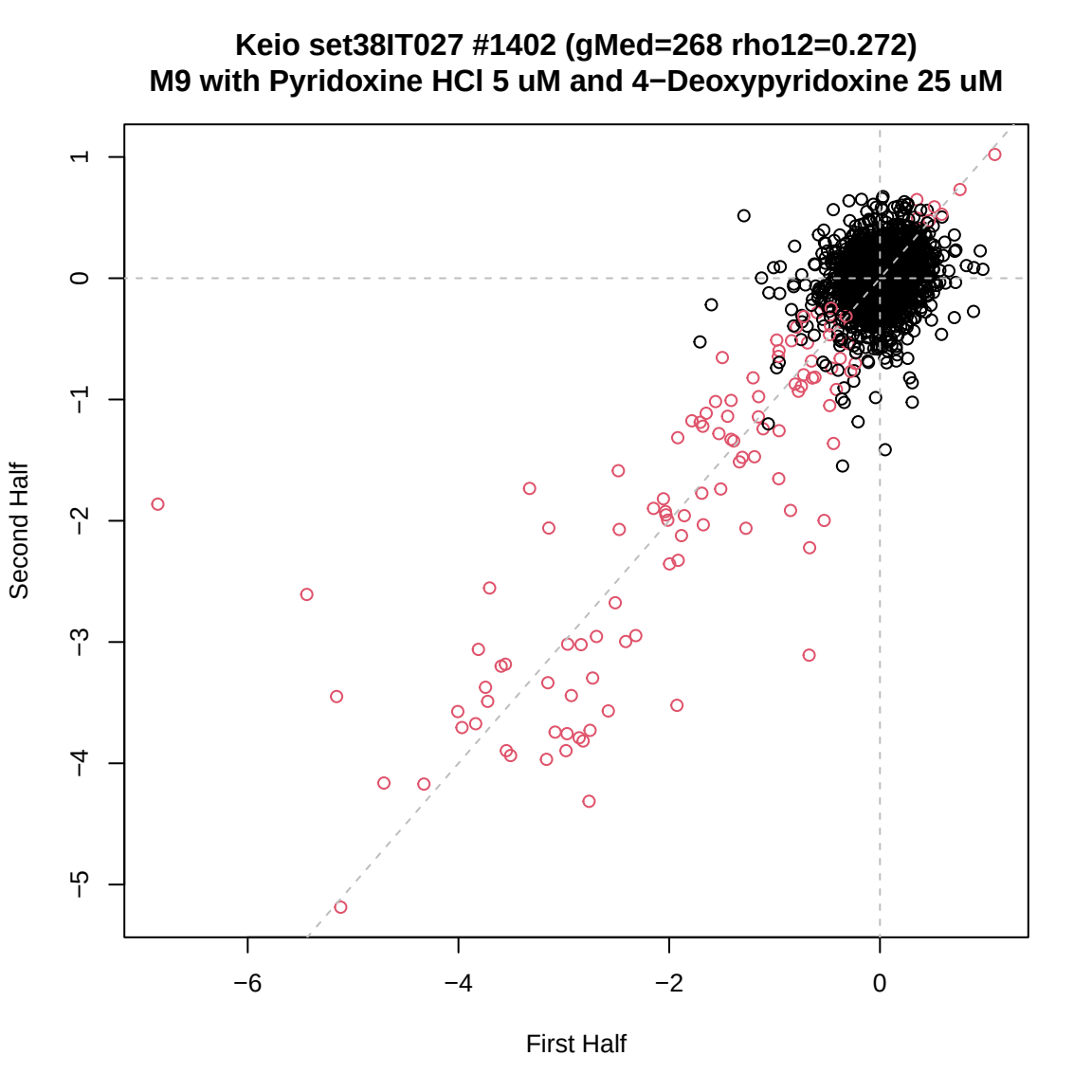

Keio set38IT022 #1397 (gMed=207 rho12=0.257)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

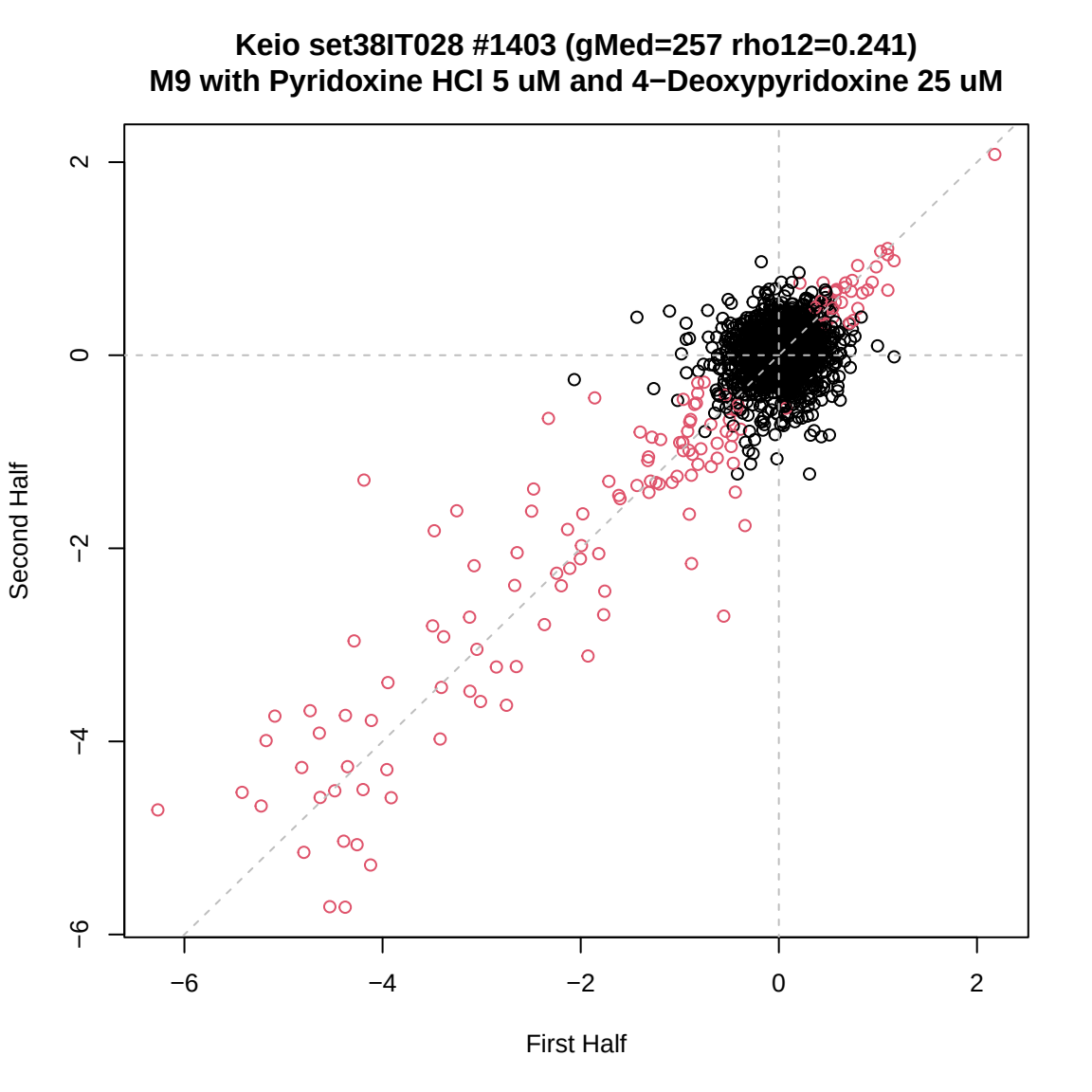

Keio set38IT023 #1398 (gMed=241 rho12=0.295)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

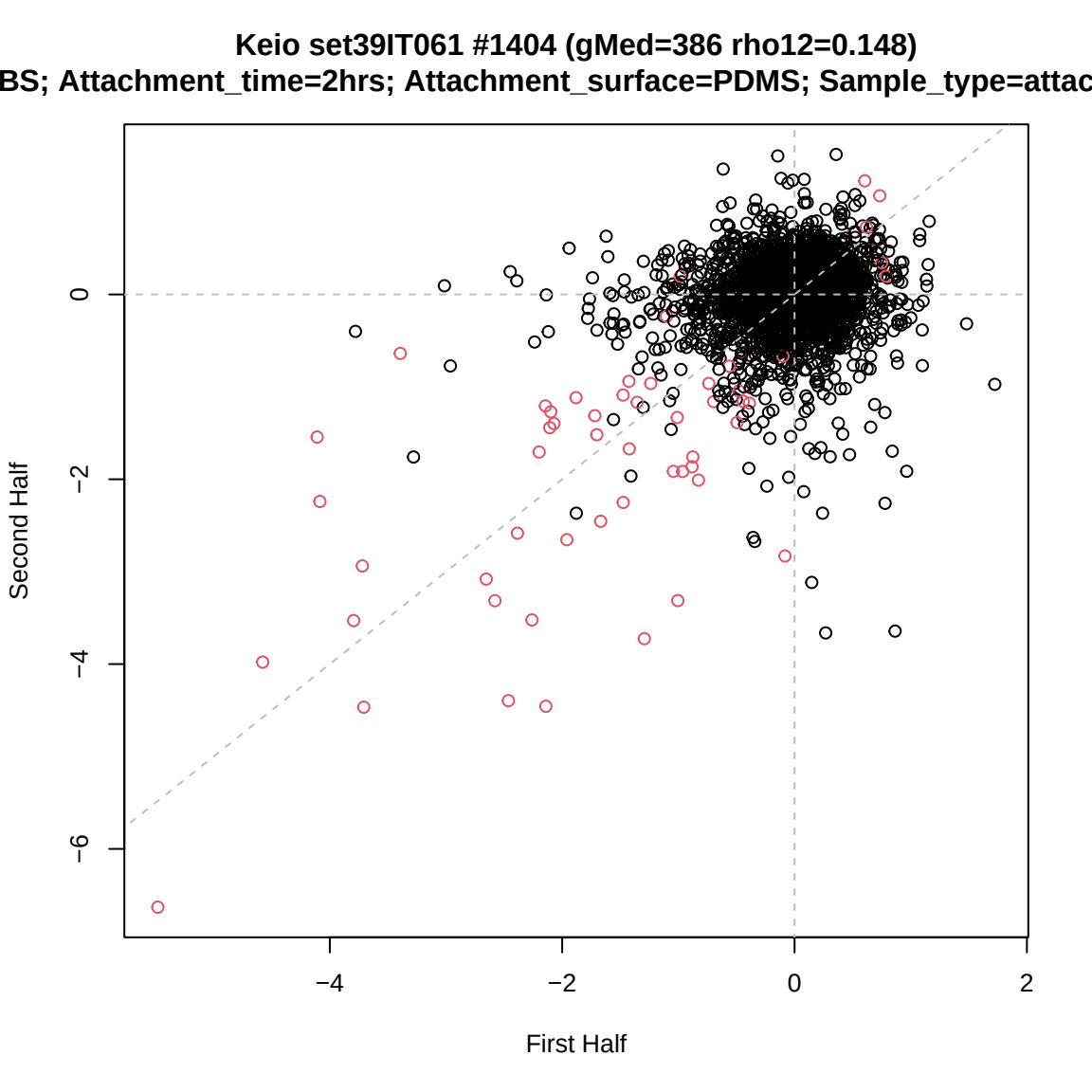

Keio set38IT024 #1399 (gMed=220 rho12=0.291)
M9 with Pyridoxine HCl 100 nM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0
2

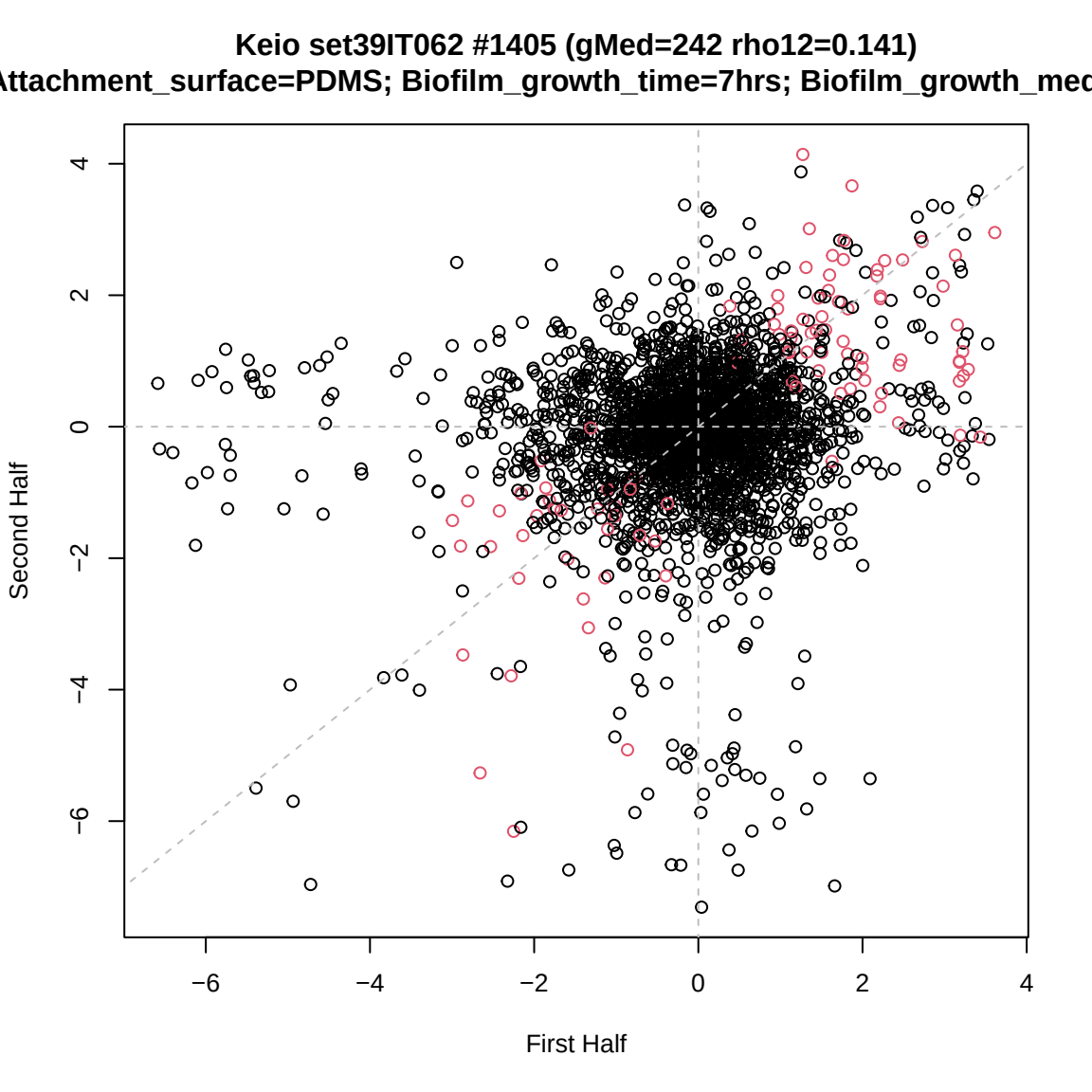

Keio set38IT025 #1400 (gMed=282 rho12=0.270)
M9 with Pyridoxine HCl 5 uM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

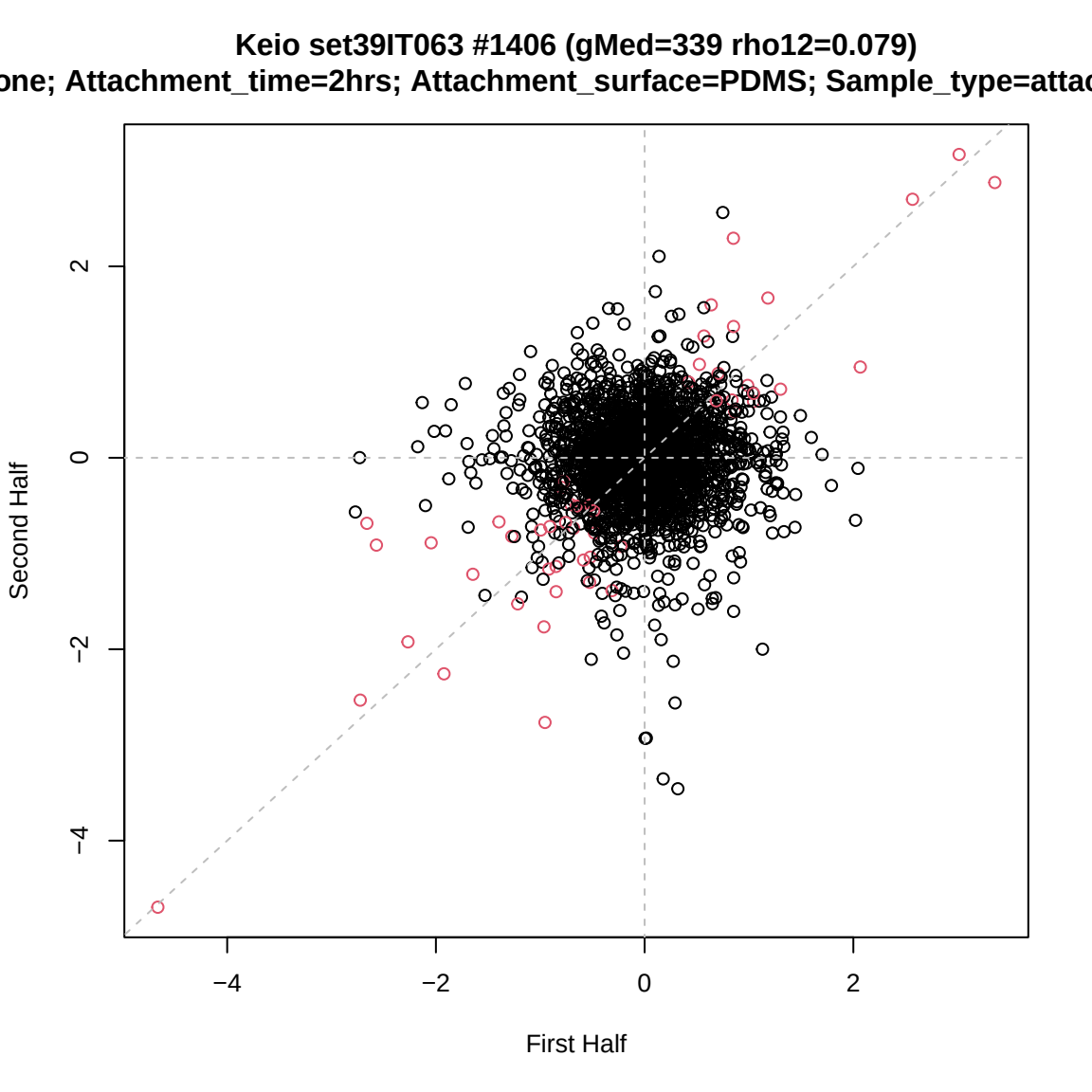

Keio set38IT026 #1401 (gMed=255 rho12=0.258)
M9 with Pyridoxine HCl 5 uM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

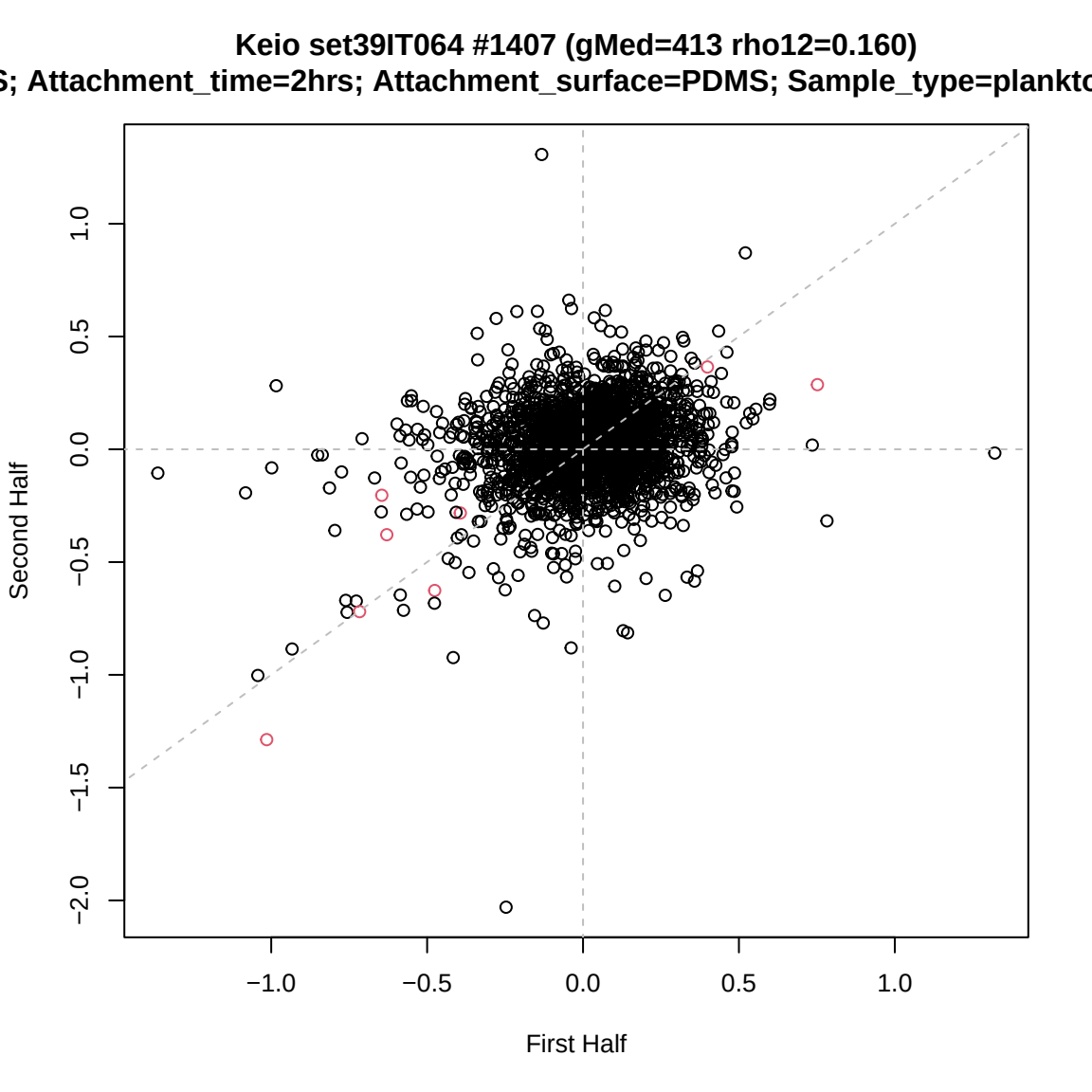

Keio set38IT027 #1402 (gMed=268 rho12=0.272)
M9 with Pyridoxine HCl 5 uM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

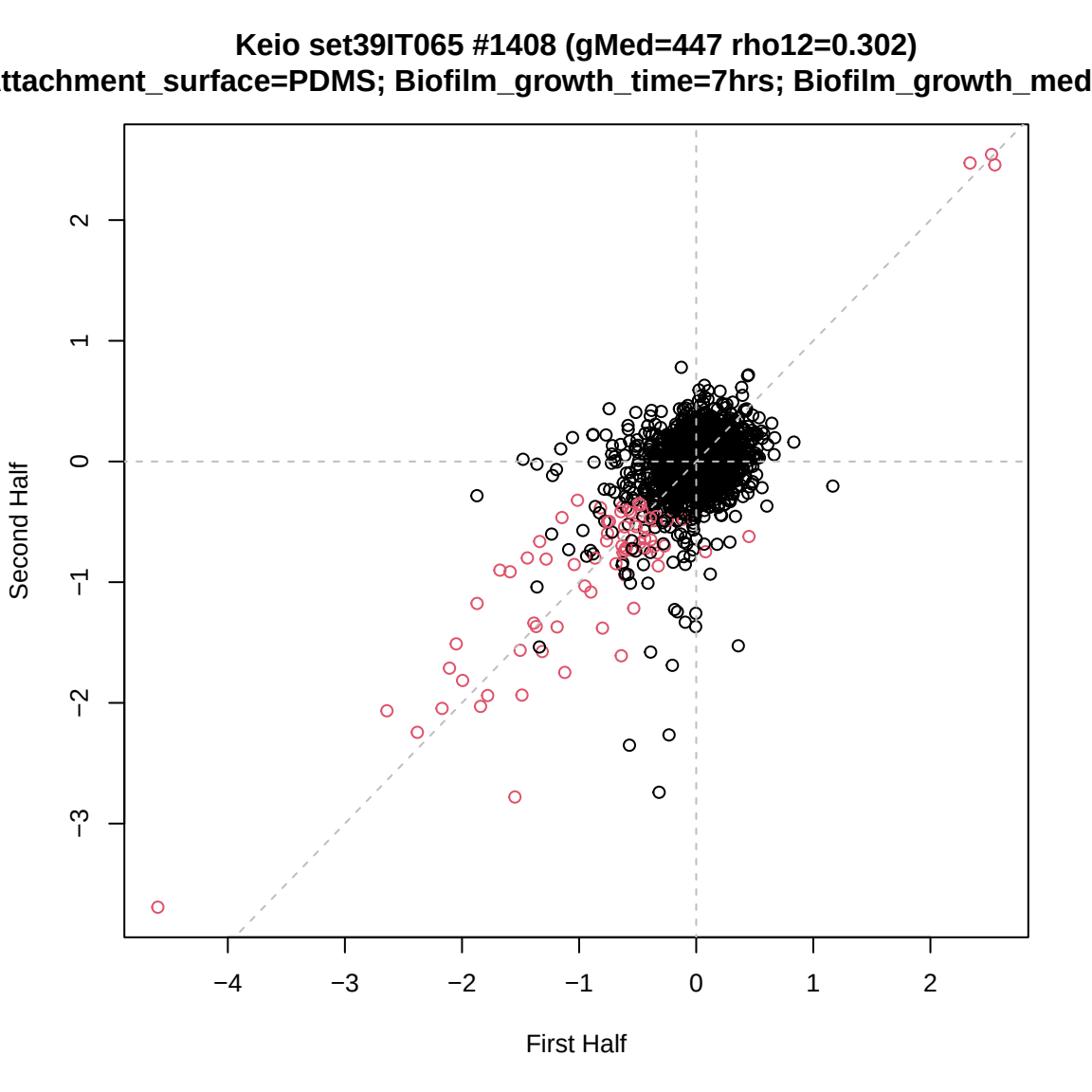

Keio set38IT028 #1403 (gMed=257 rho12=0.241)
M9 with Pyridoxine HCl 5 uM and 4−Deoxypyridoxine 25 uM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

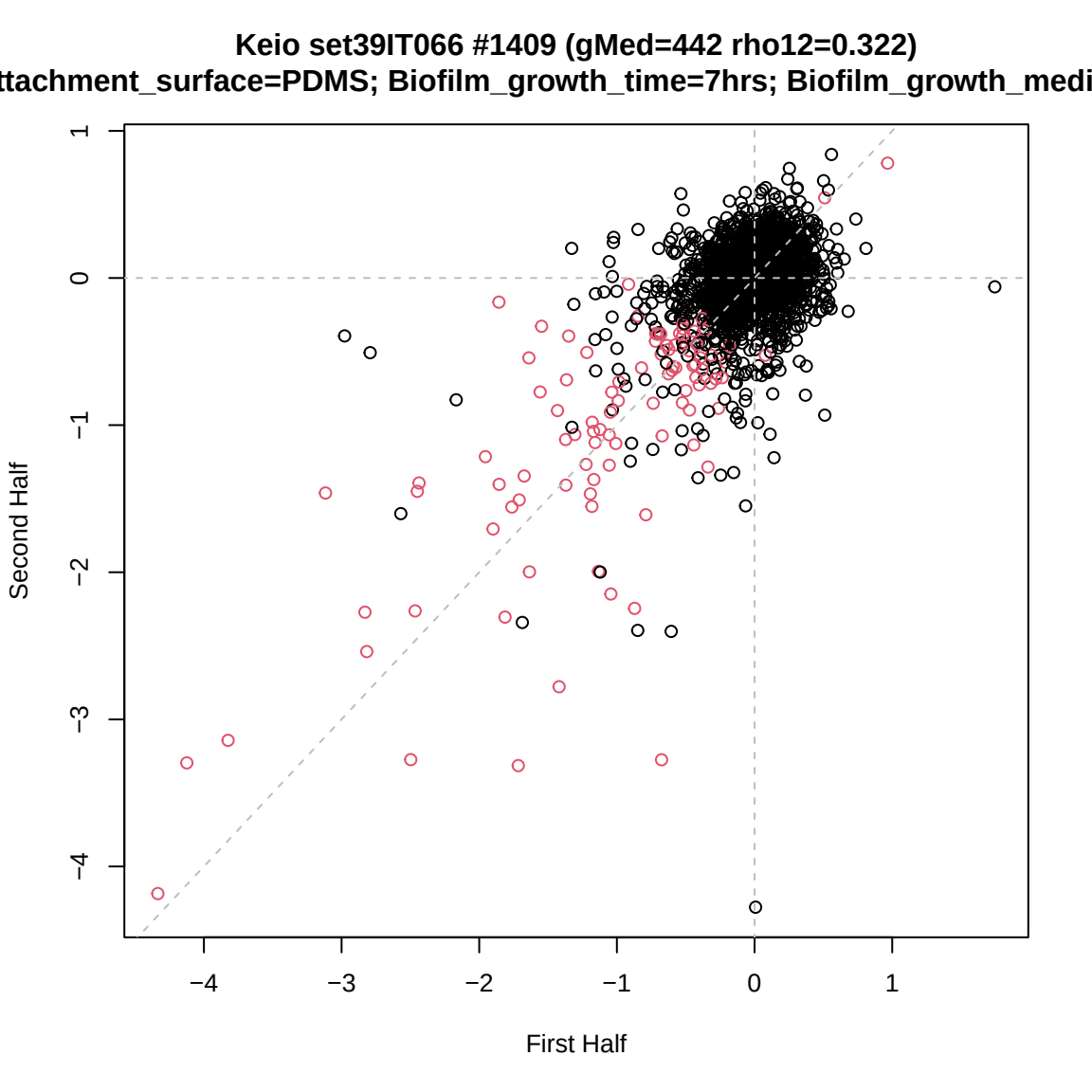

Keio set39IT061 #1404 (gMed=386 rho12=0.148)
BS; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attac
Second Half
0
−2
−4
−6
−4
−2
0
2
First Half

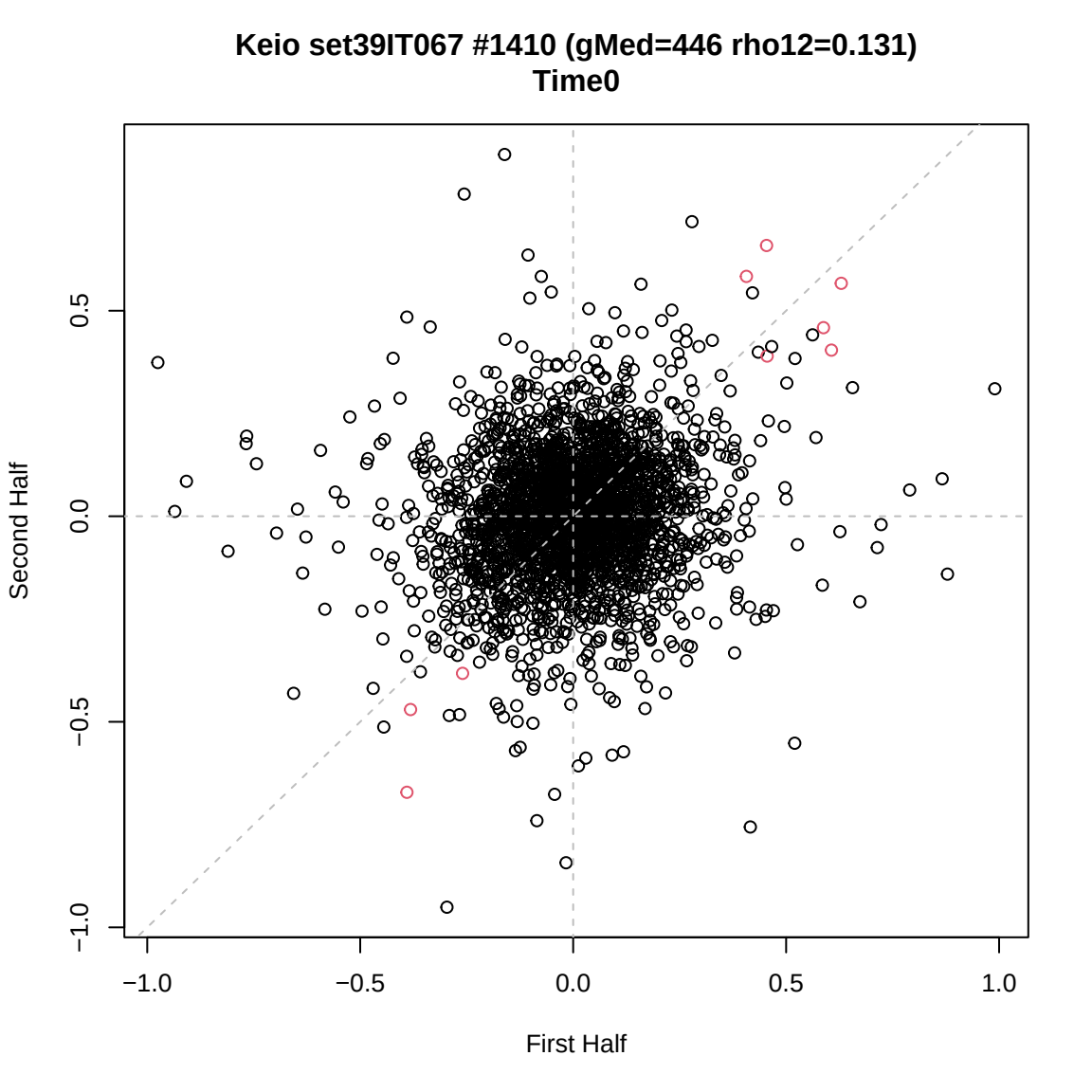

Keio set39IT062 #1405 (gMed=242 rho12=0.141)
Attachment_surface=PDMS; Biofilm_growth_time=7hrs; Biofilm_growth_med
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

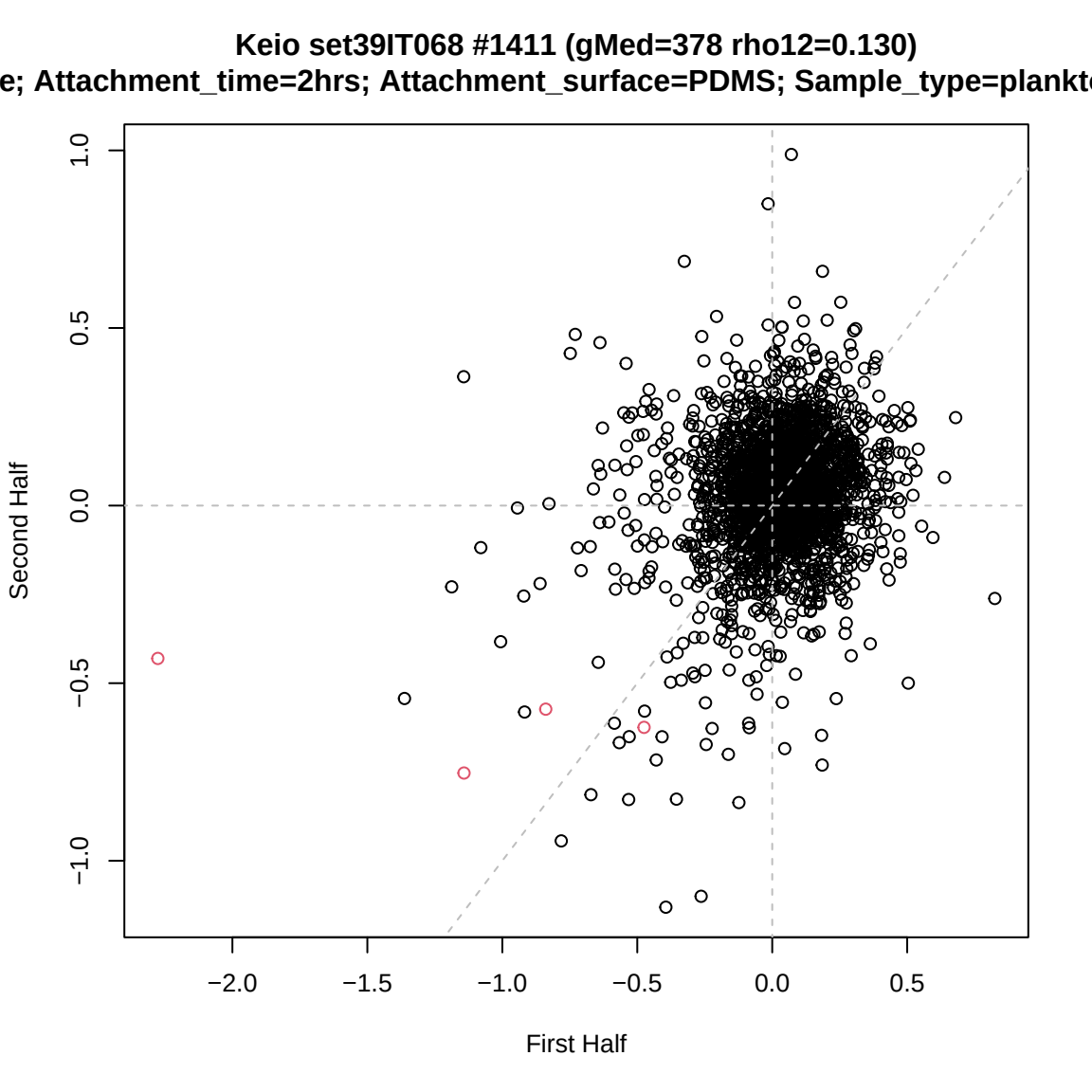

Keio set39IT063 #1406 (gMed=339 rho12=0.079)
one; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attac
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

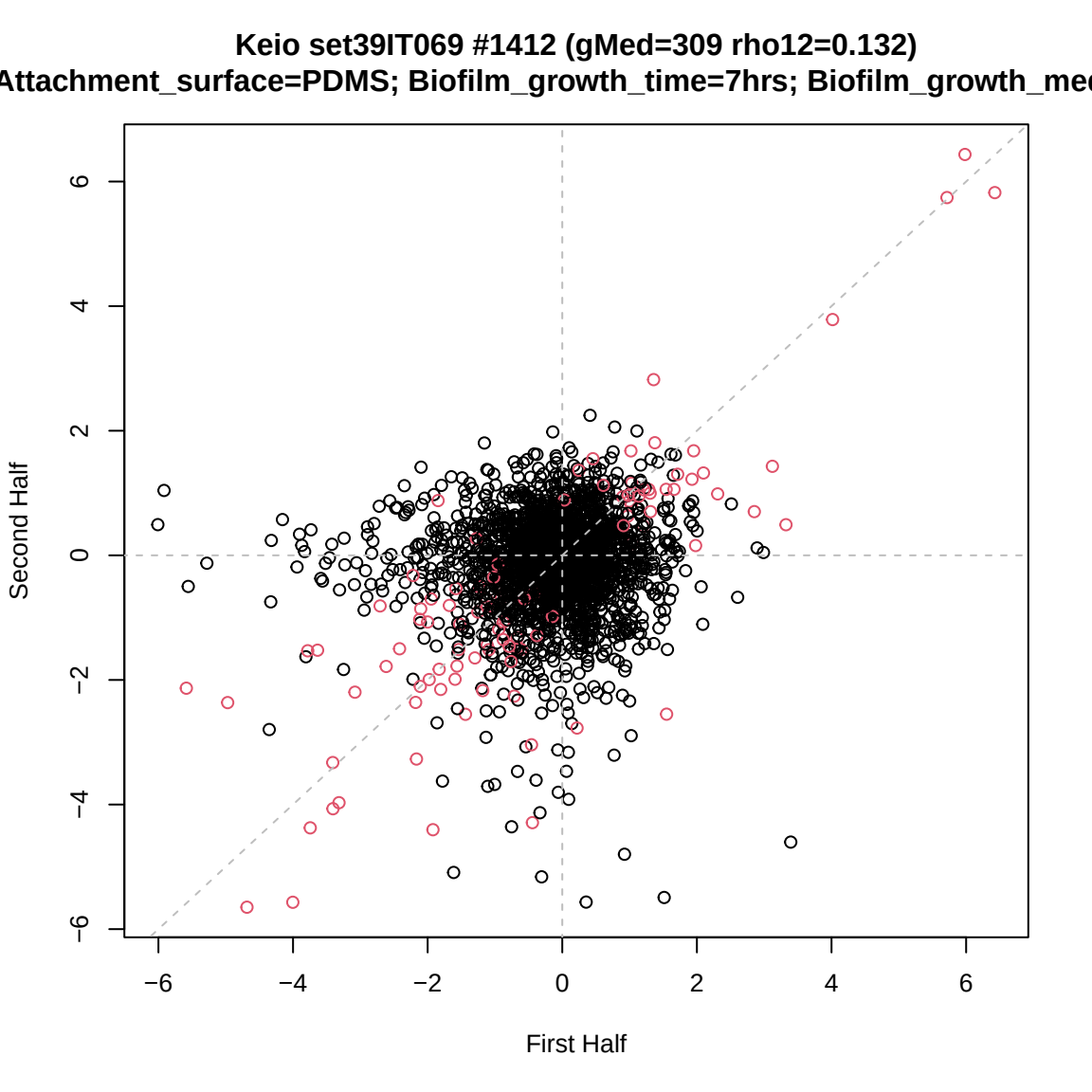

Keio set39IT064 #1407 (gMed=413 rho12=0.160)
S; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=planktc
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

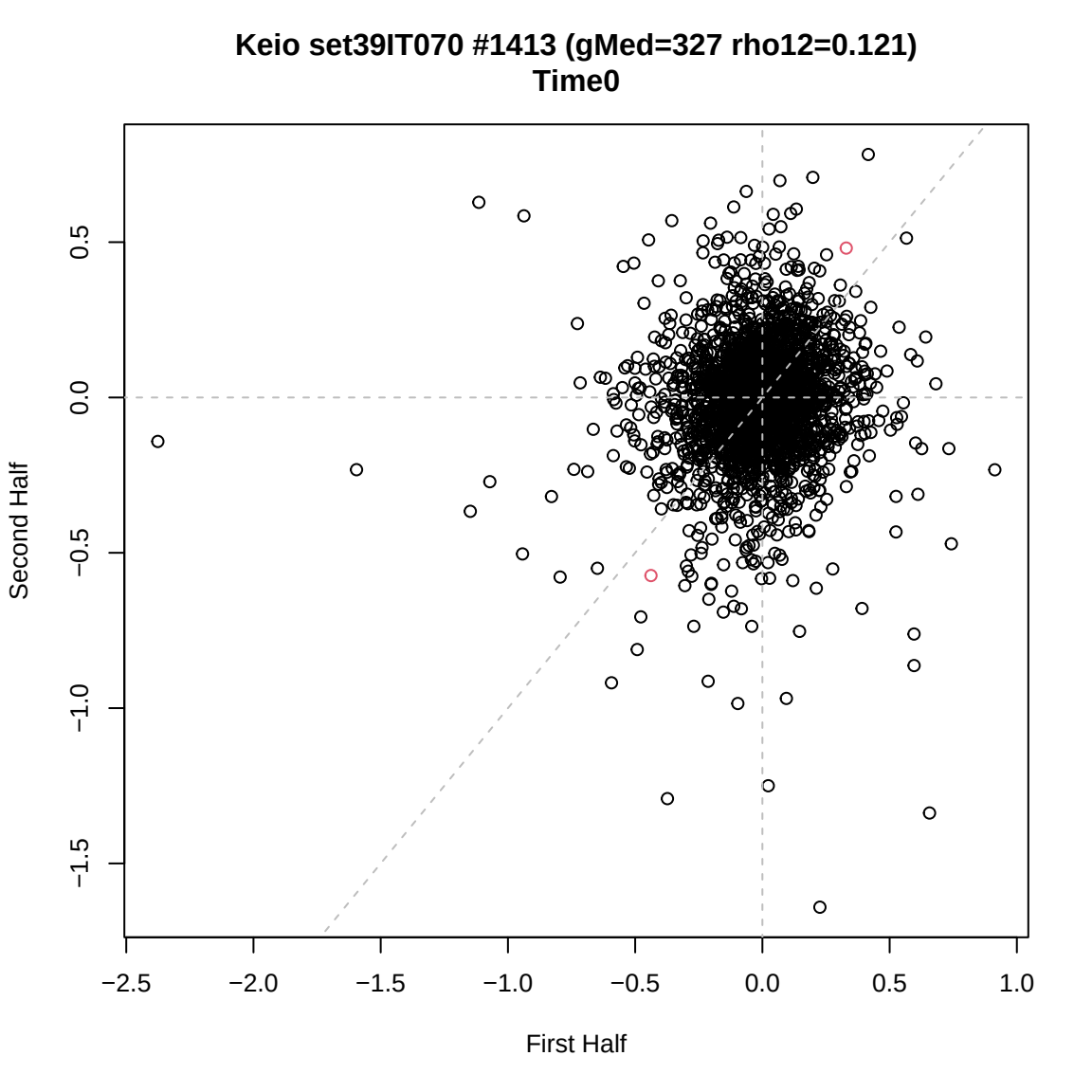

Keio set39IT065 #1408 (gMed=447 rho12=0.302)
ttachment_surface=PDMS; Biofilm_growth_time=7hrs; Biofilm_growth_med
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

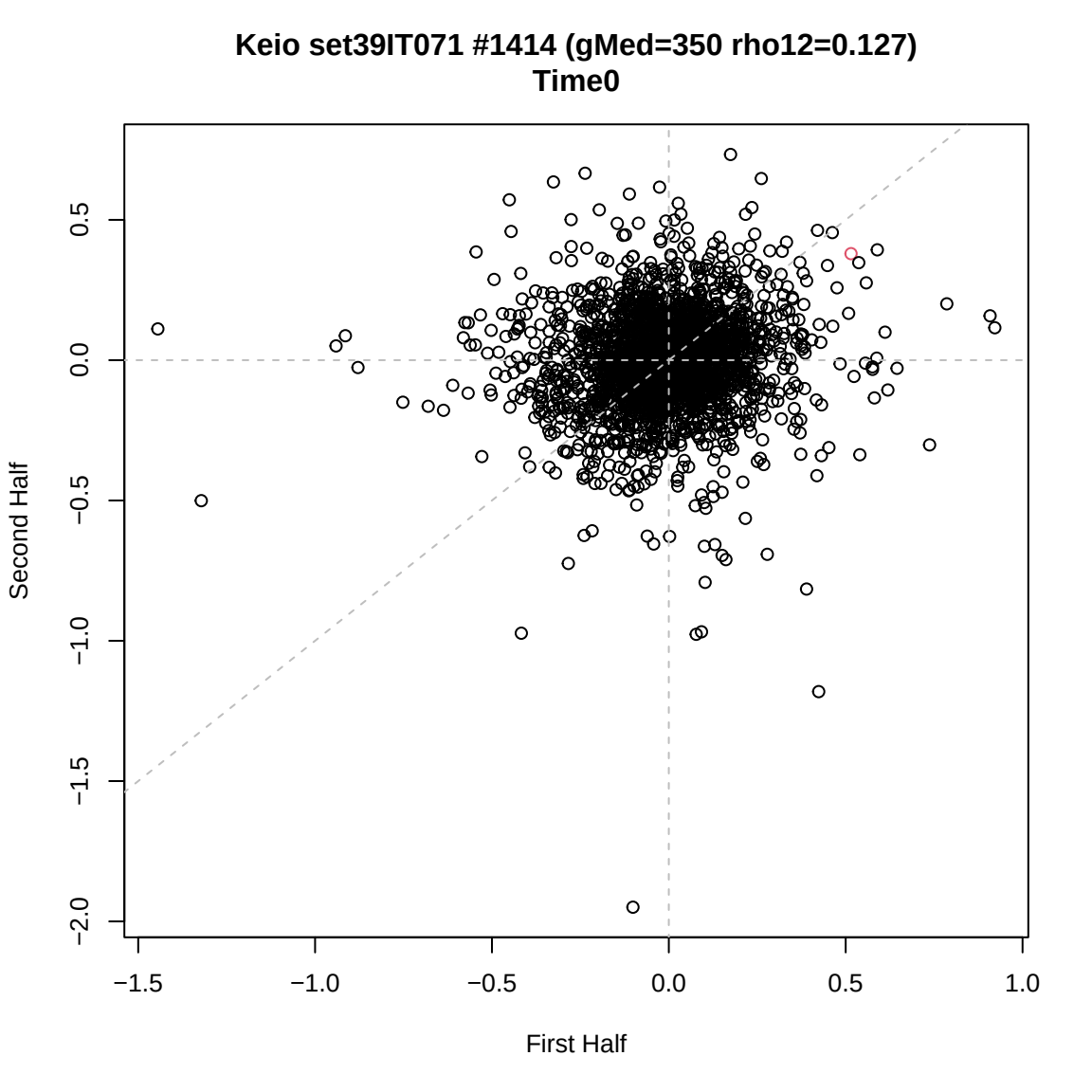

Keio set39IT066 #1409 (gMed=442 rho12=0.322)
ttachment_surface=PDMS; Biofilm_growth_time=7hrs; Biofilm_growth_medi
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

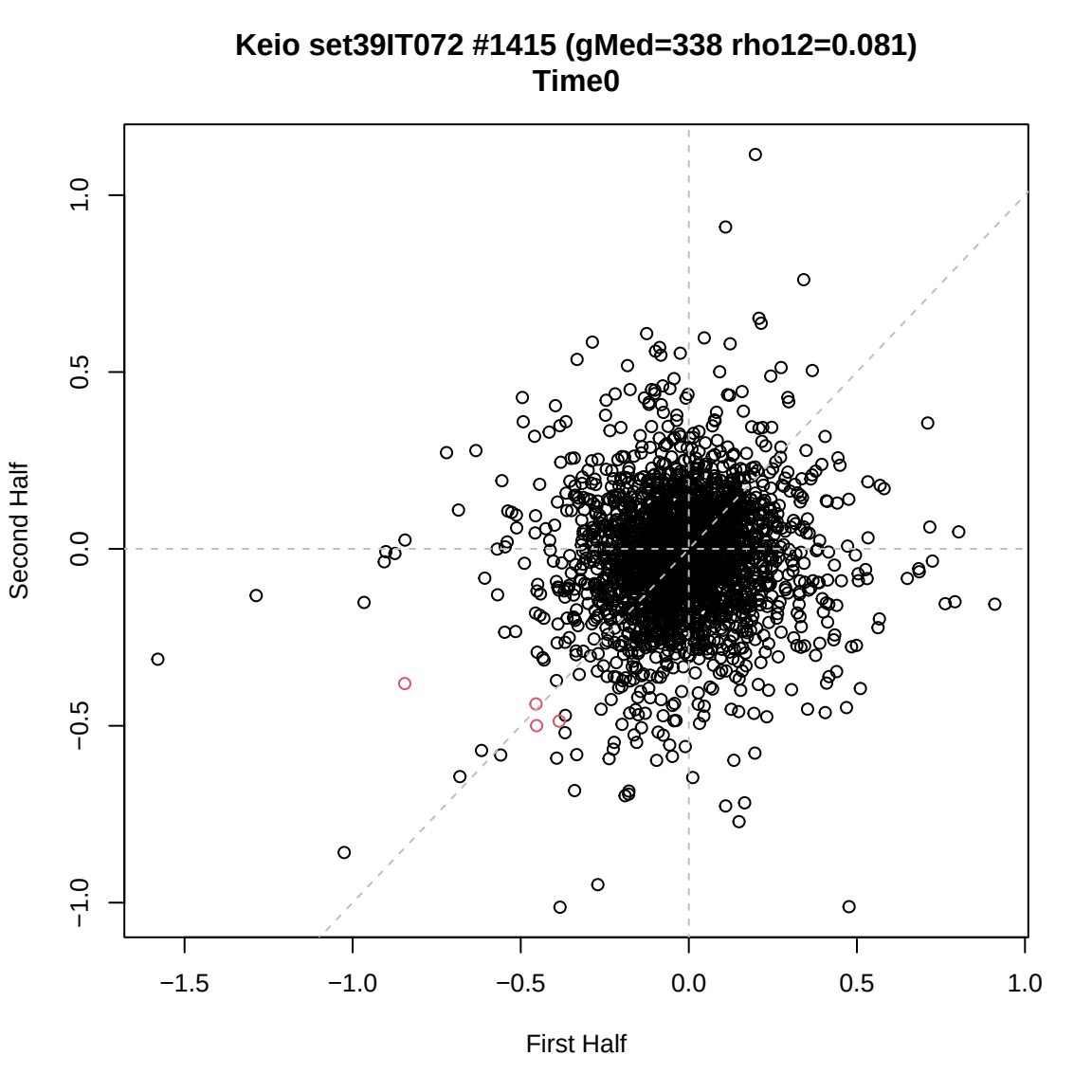

Keio set39IT067 #1410 (gMed=446 rho12=0.131)
Time0
Second Half
First Half
−1.0
−0.5
0.0
0.5
1.0
−1.0
−0.5
0.0
0.5
1.0

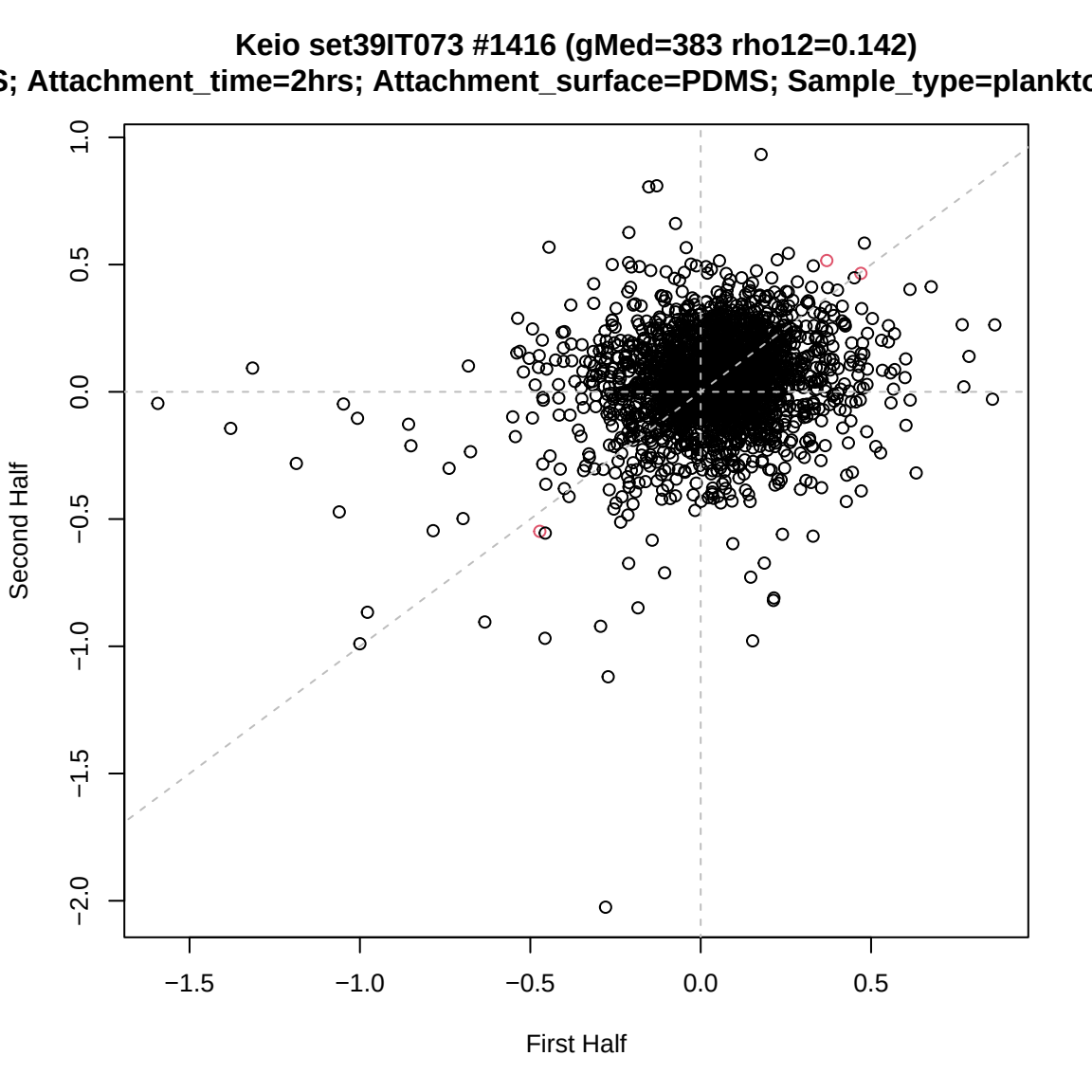

Keio set39IT068 #1411 (gMed=378 rho12=0.130)
e; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=plankt
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5

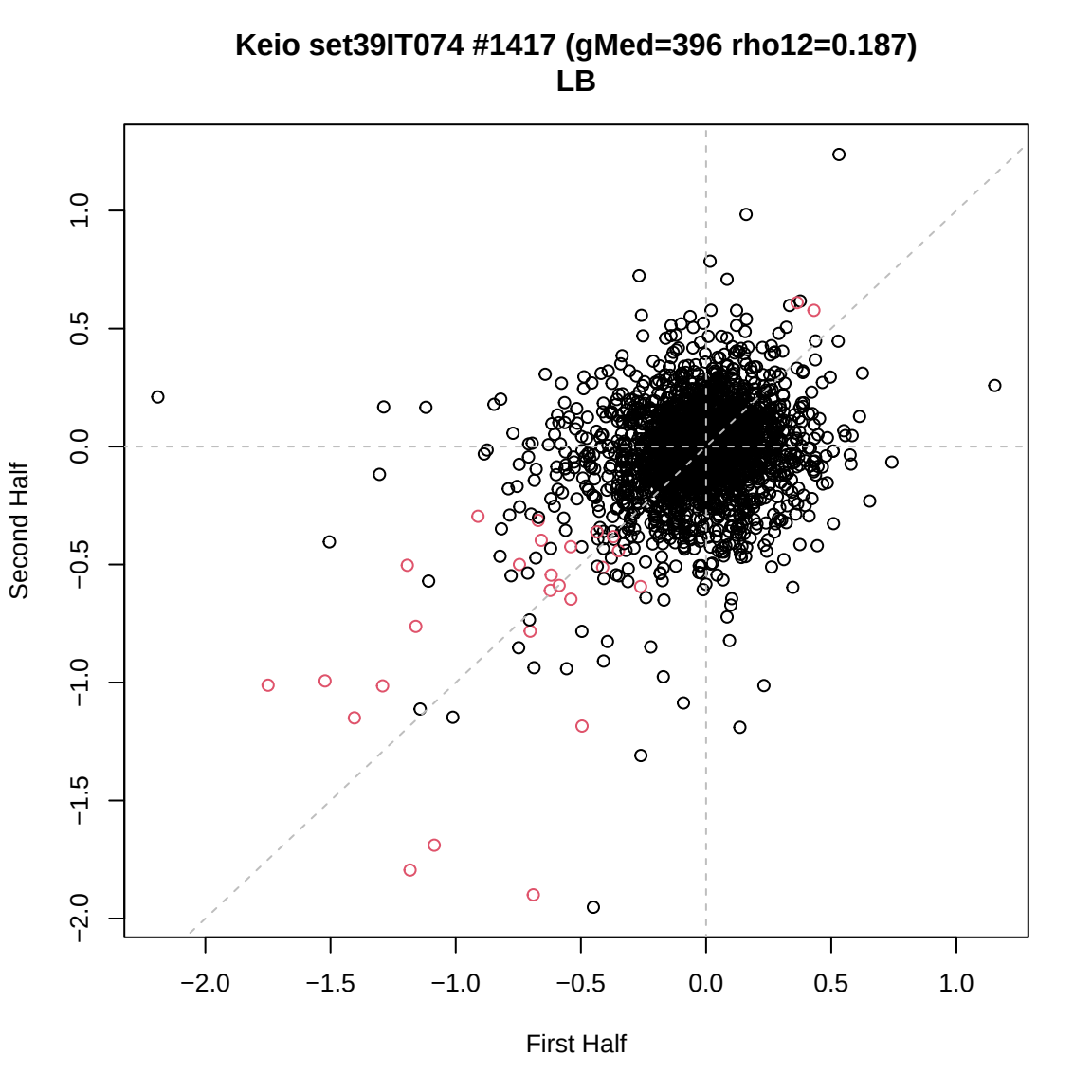

Keio set39IT069 #1412 (gMed=309 rho12=0.132)
Attachment_surface=PDMS; Biofilm_growth_time=7hrs; Biofilm_growth_me
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

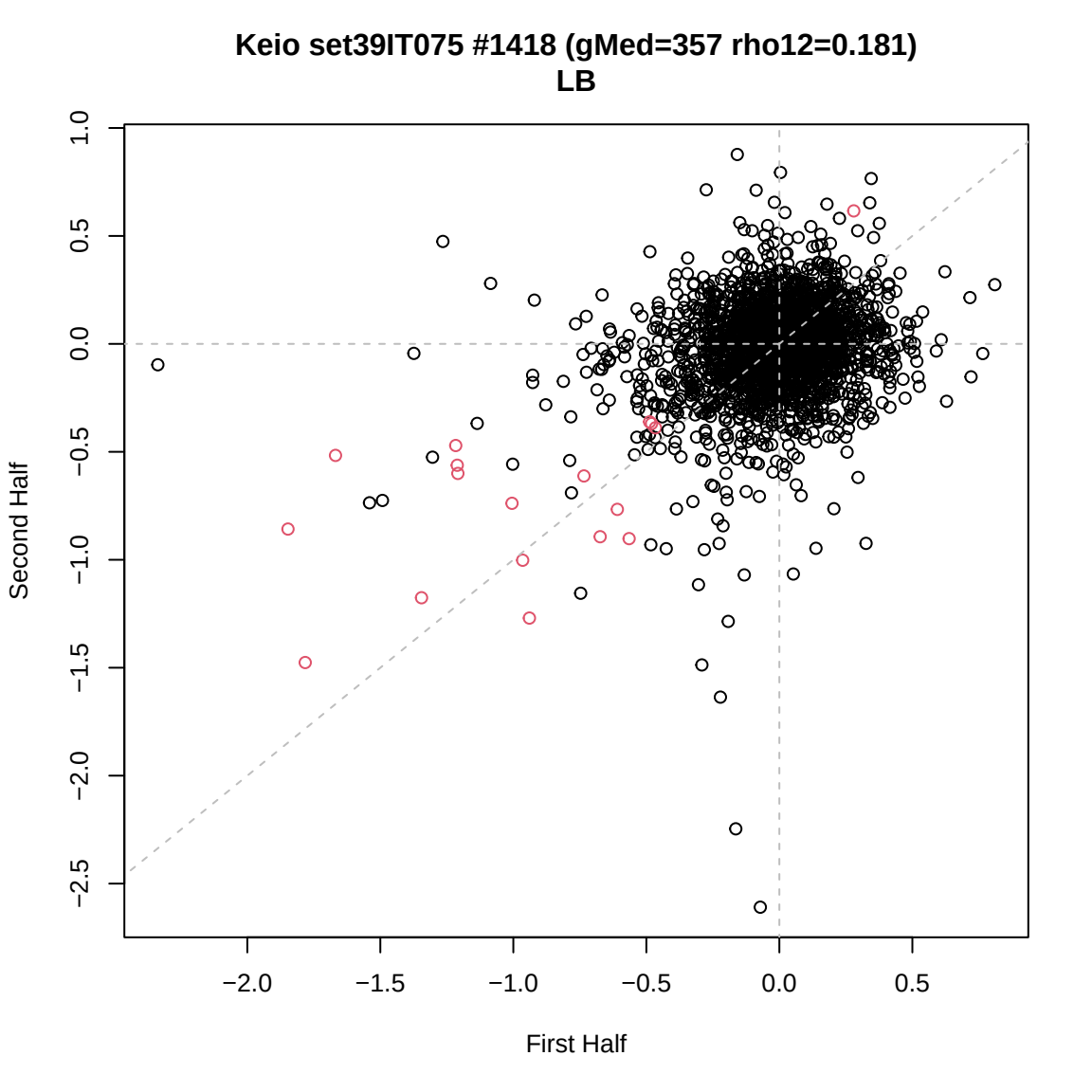

Keio set39IT070 #1413 (gMed=327 rho12=0.121)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

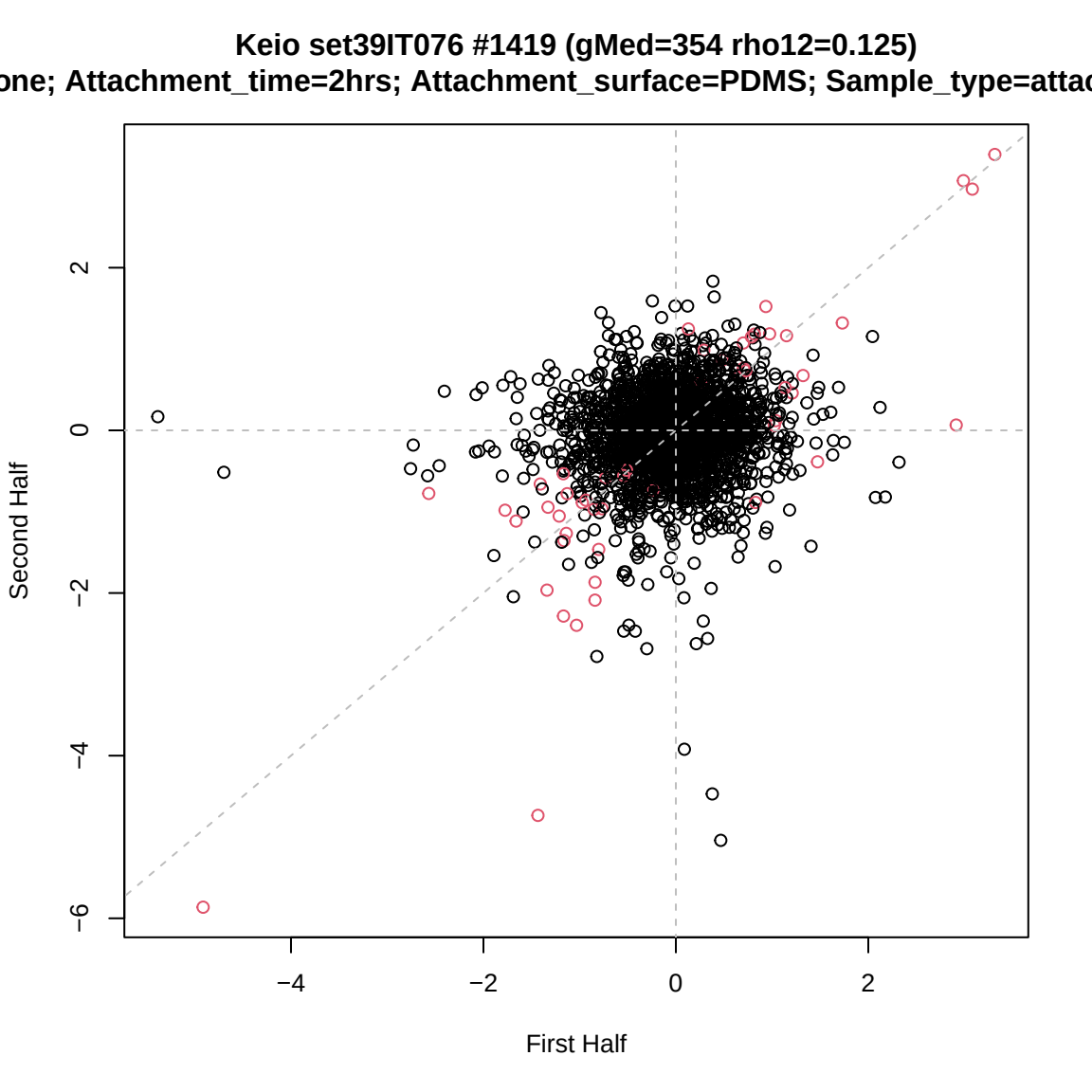

Keio set39IT071 #1414 (gMed=350 rho12=0.127)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

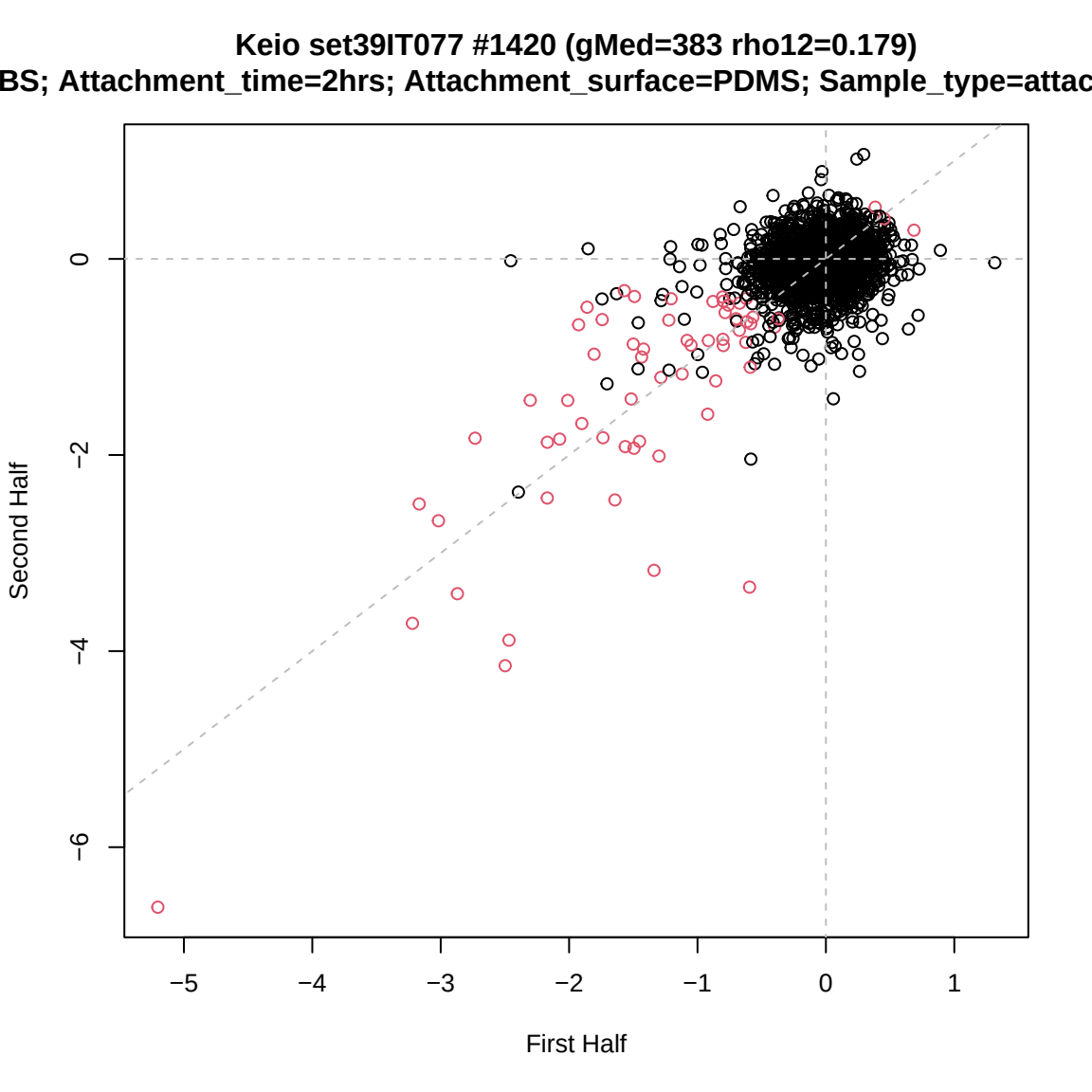

Keio set39IT072 #1415 (gMed=338 rho12=0.081)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

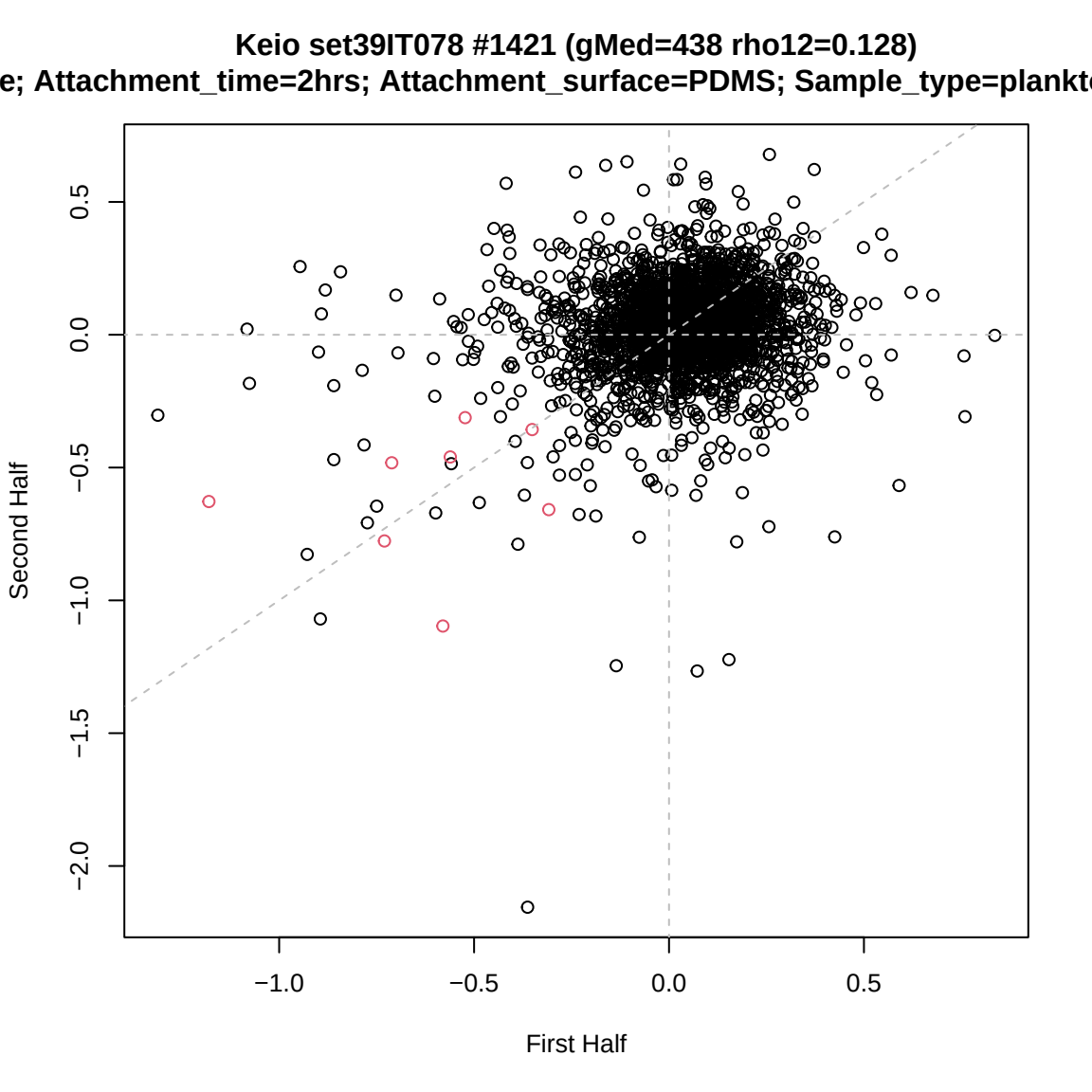

Keio set39IT073 #1416 (gMed=383 rho12=0.142)
S; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=planktc
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

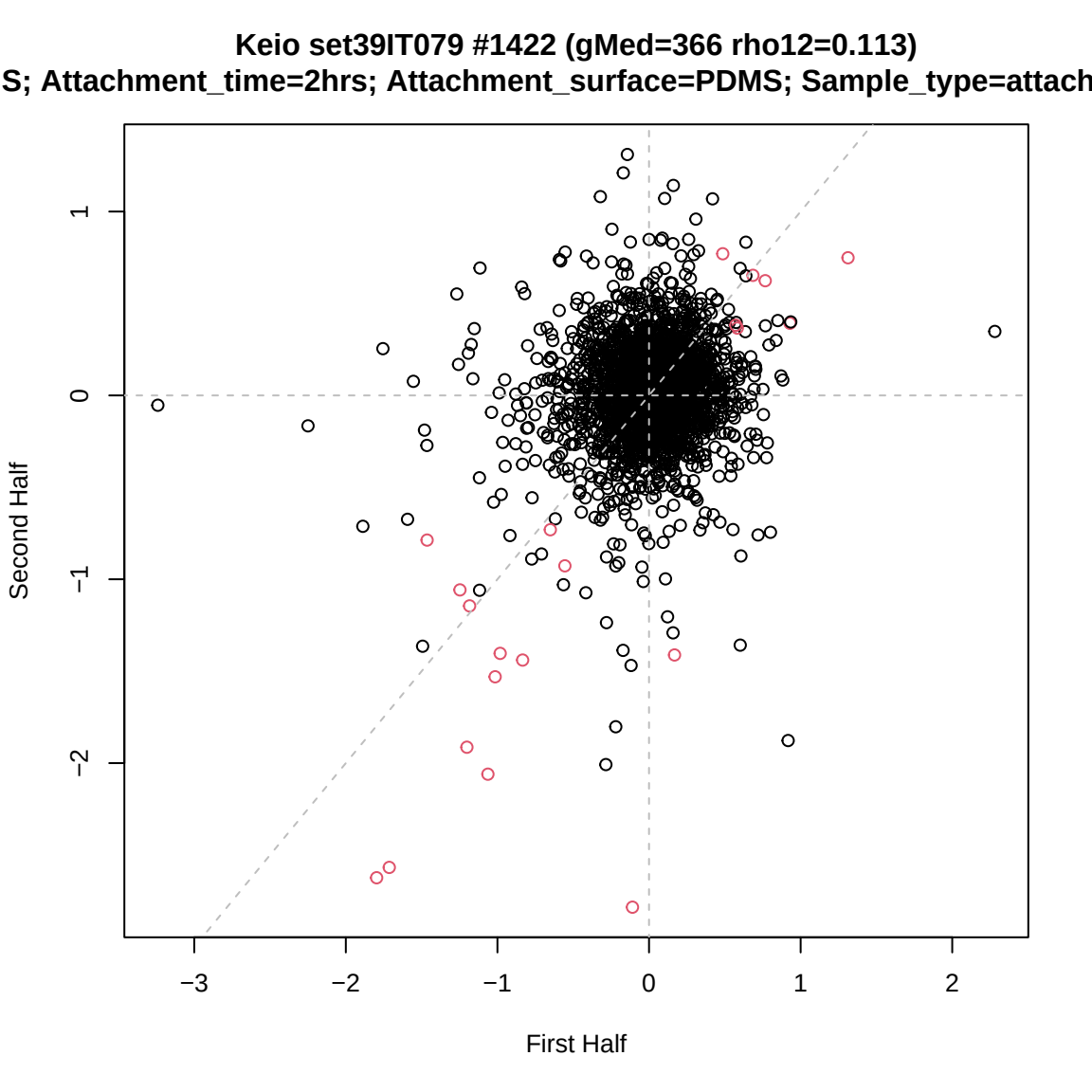

Keio set39IT074 #1417 (gMed=396 rho12=0.187)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

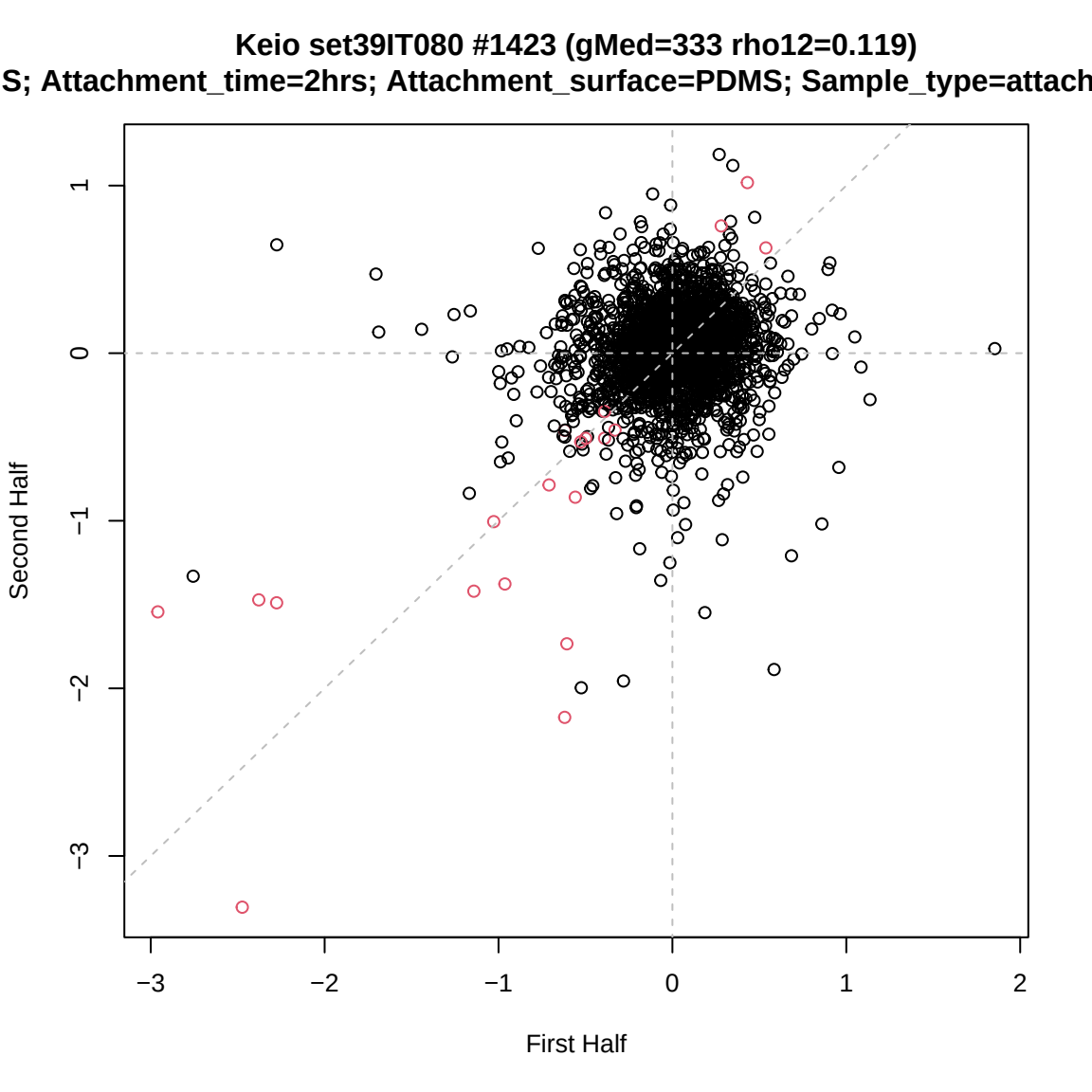

Keio set39IT075 #1418 (gMed=357 rho12=0.181)
LB
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

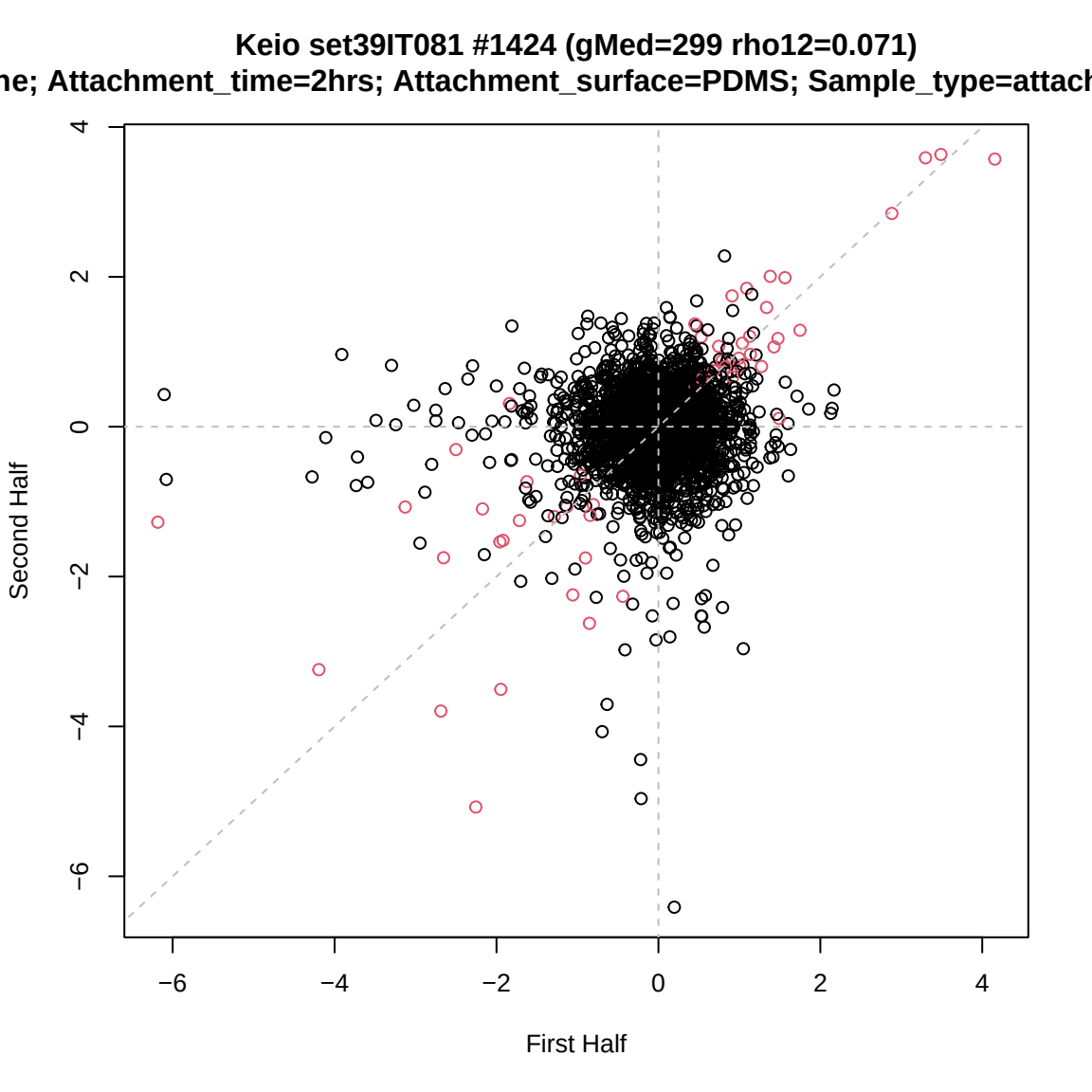

Keio set39IT076 #1419 (gMed=354 rho12=0.125)
one; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attac
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

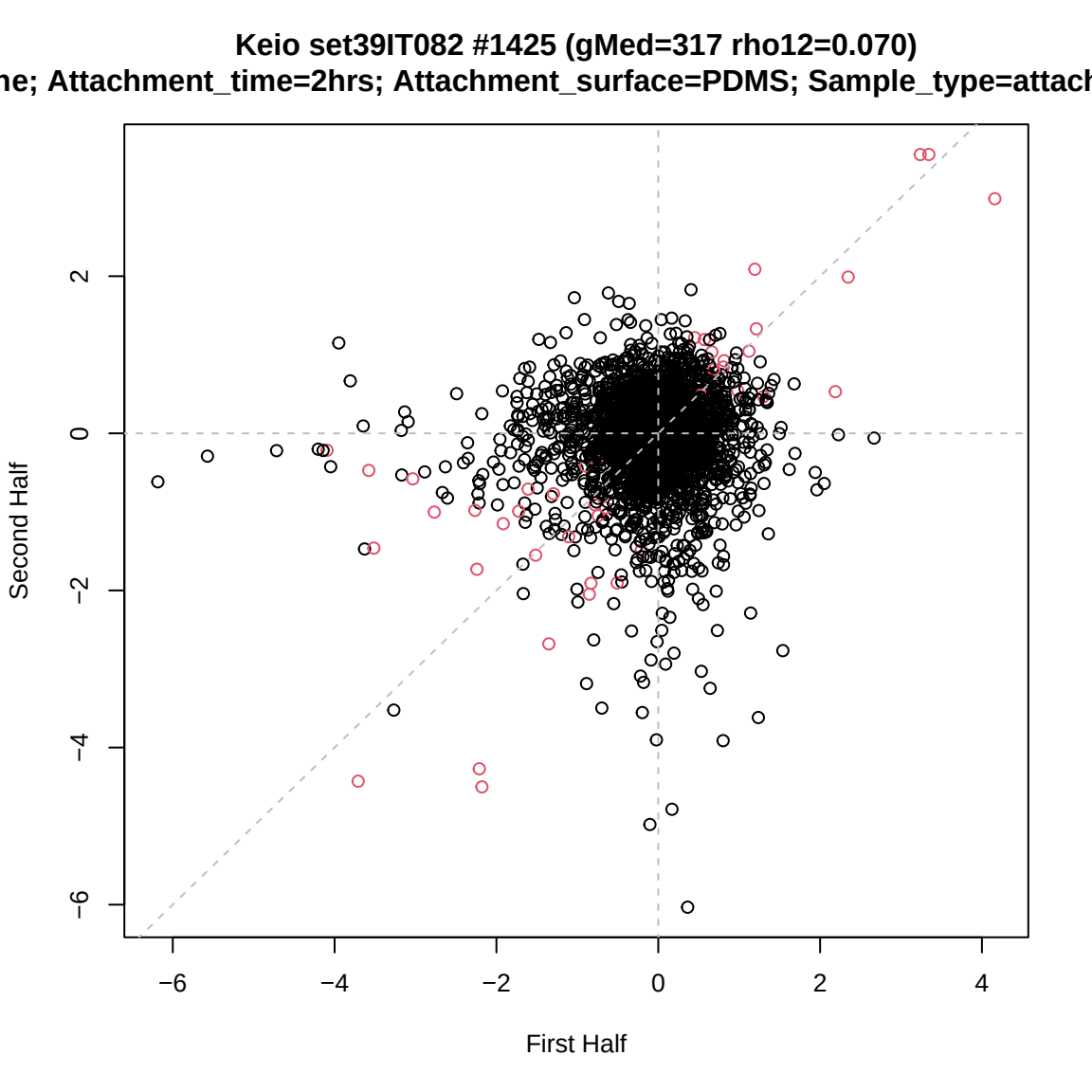

Keio set39IT077 #1420 (gMed=383 rho12=0.179)
BS; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attac
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

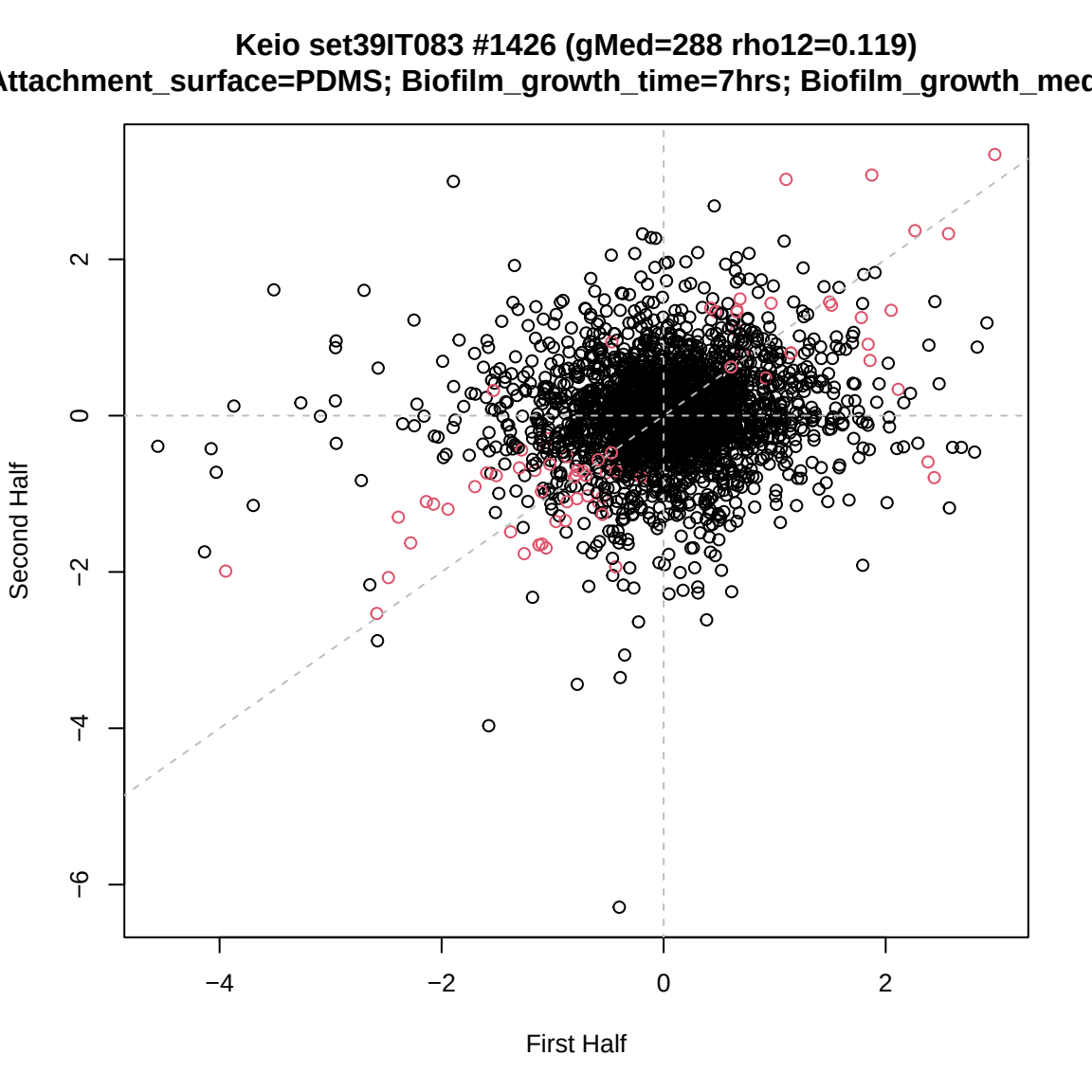

Keio set39IT078 #1421 (gMed=438 rho12=0.128)
e; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=plankt
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5

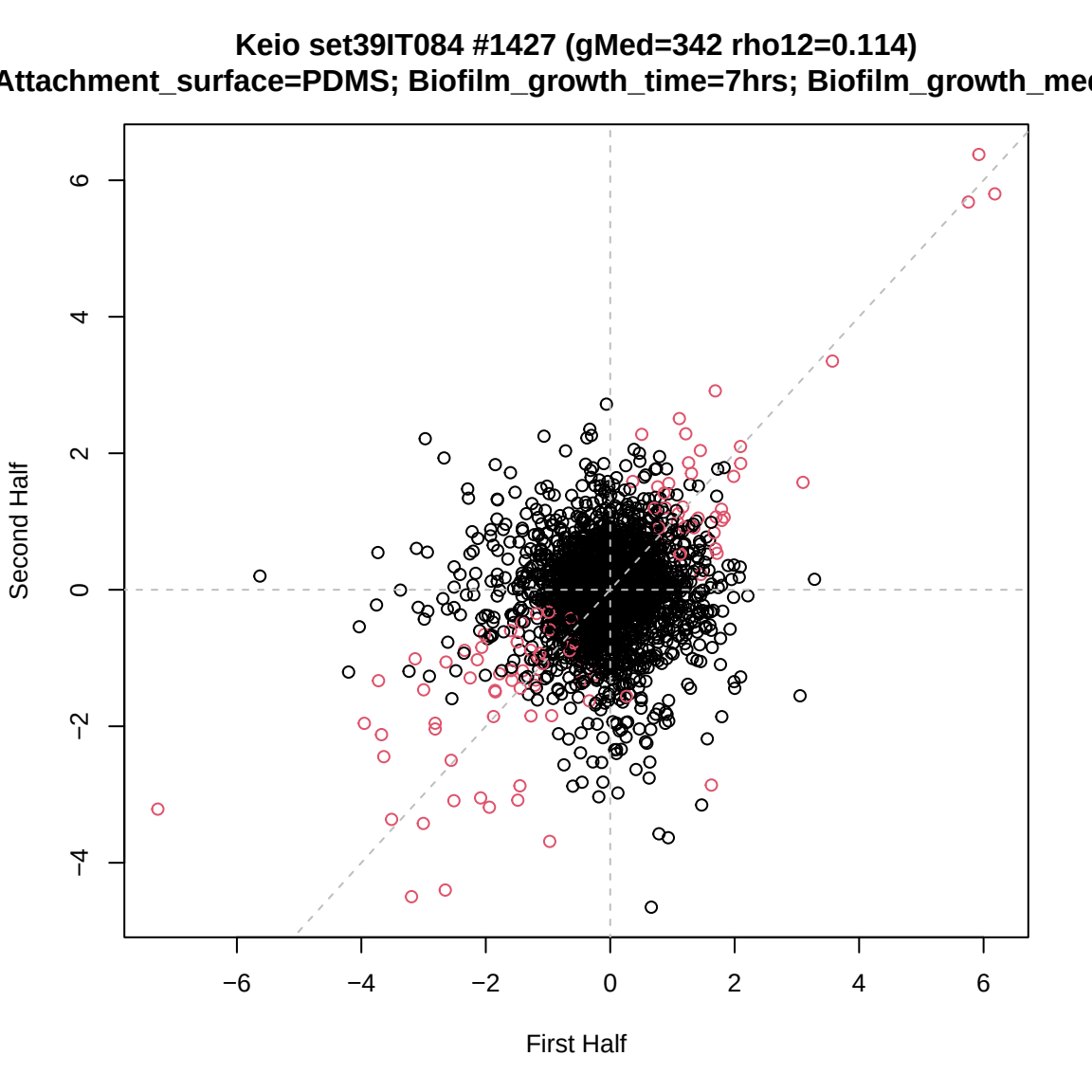

Keio set39IT079 #1422 (gMed=366 rho12=0.113)
S; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attach
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1
2

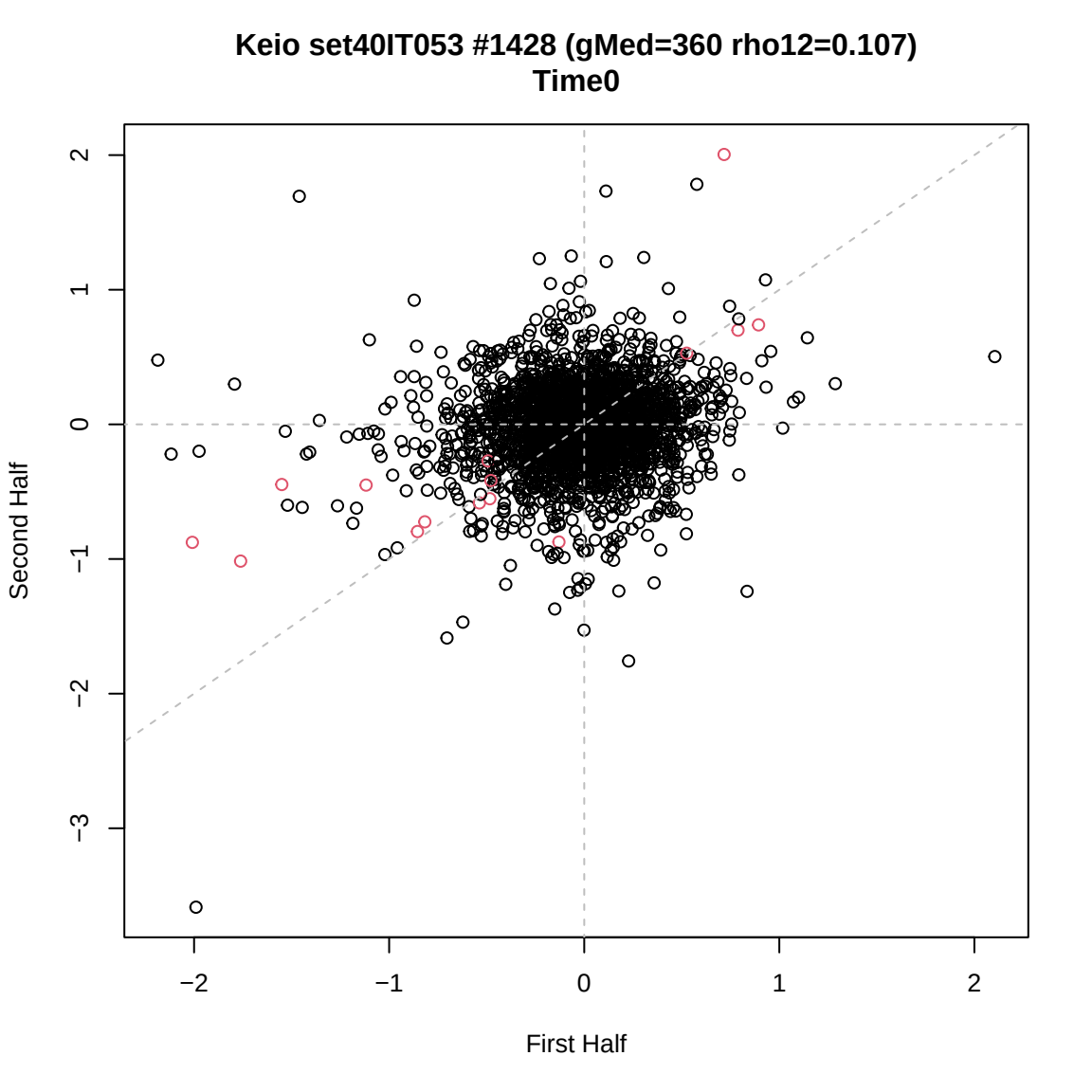

Keio set39IT080 #1423 (gMed=333 rho12=0.119)
S; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attach
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

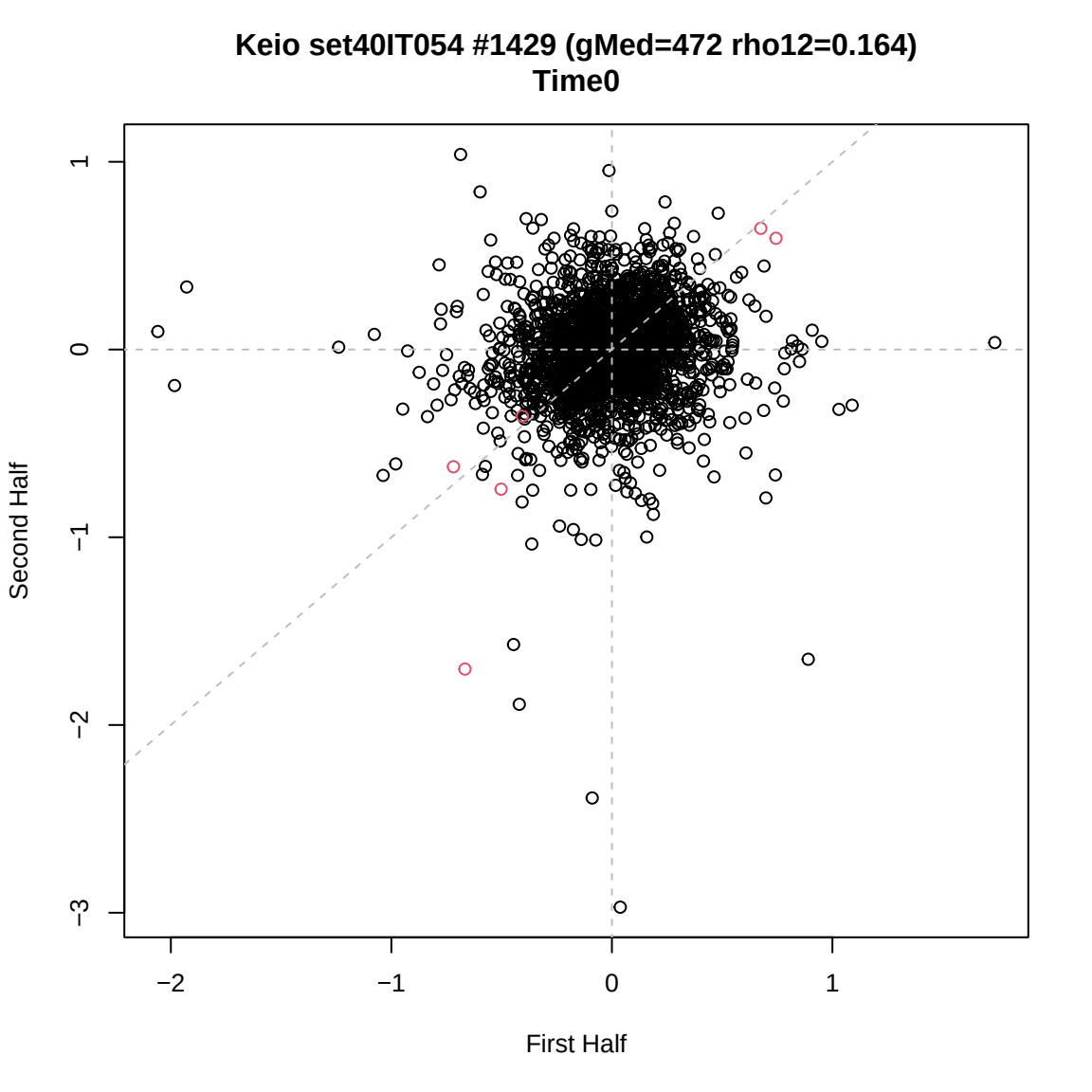

Keio set39IT081 #1424 (gMed=299 rho12=0.071)
ne; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attach
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

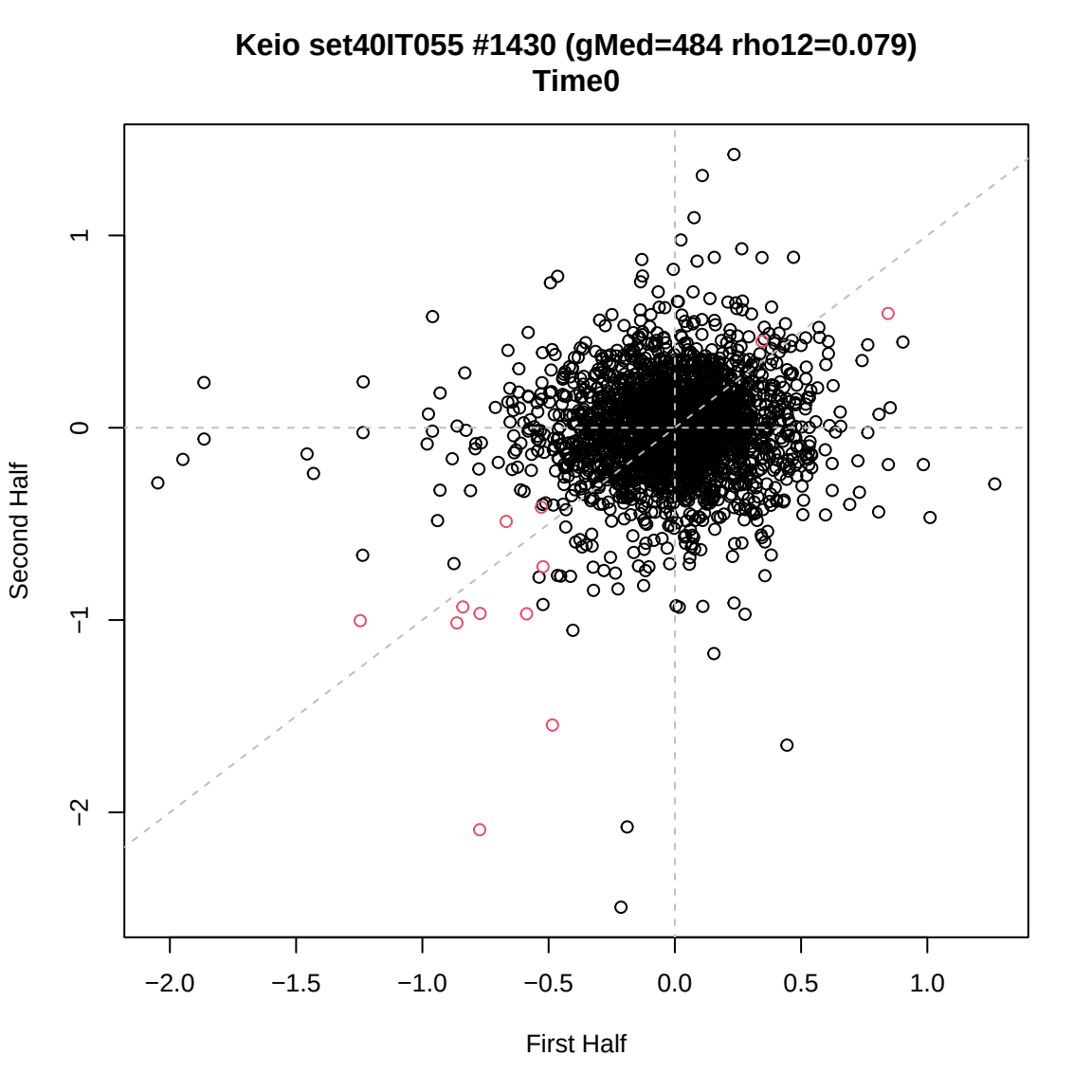

Keio set39IT082 #1425 (gMed=317 rho12=0.070)
ne; Attachment_time=2hrs; Attachment_surface=PDMS; Sample_type=attach
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2
4

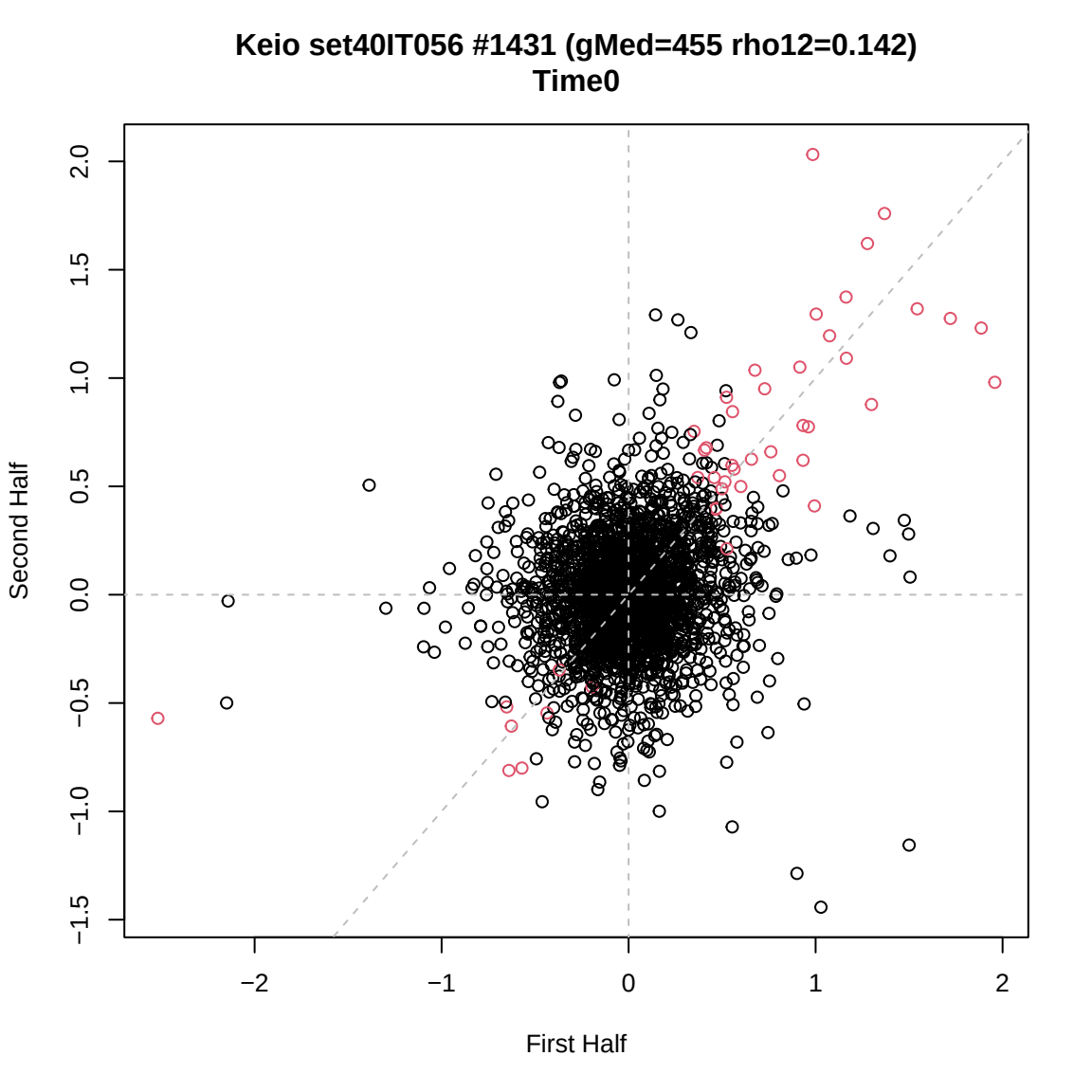

Keio set39IT083 #1426 (gMed=288 rho12=0.119)
Attachment_surface=PDMS; Biofilm_growth_time=7hrs; Biofilm_growth_med
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

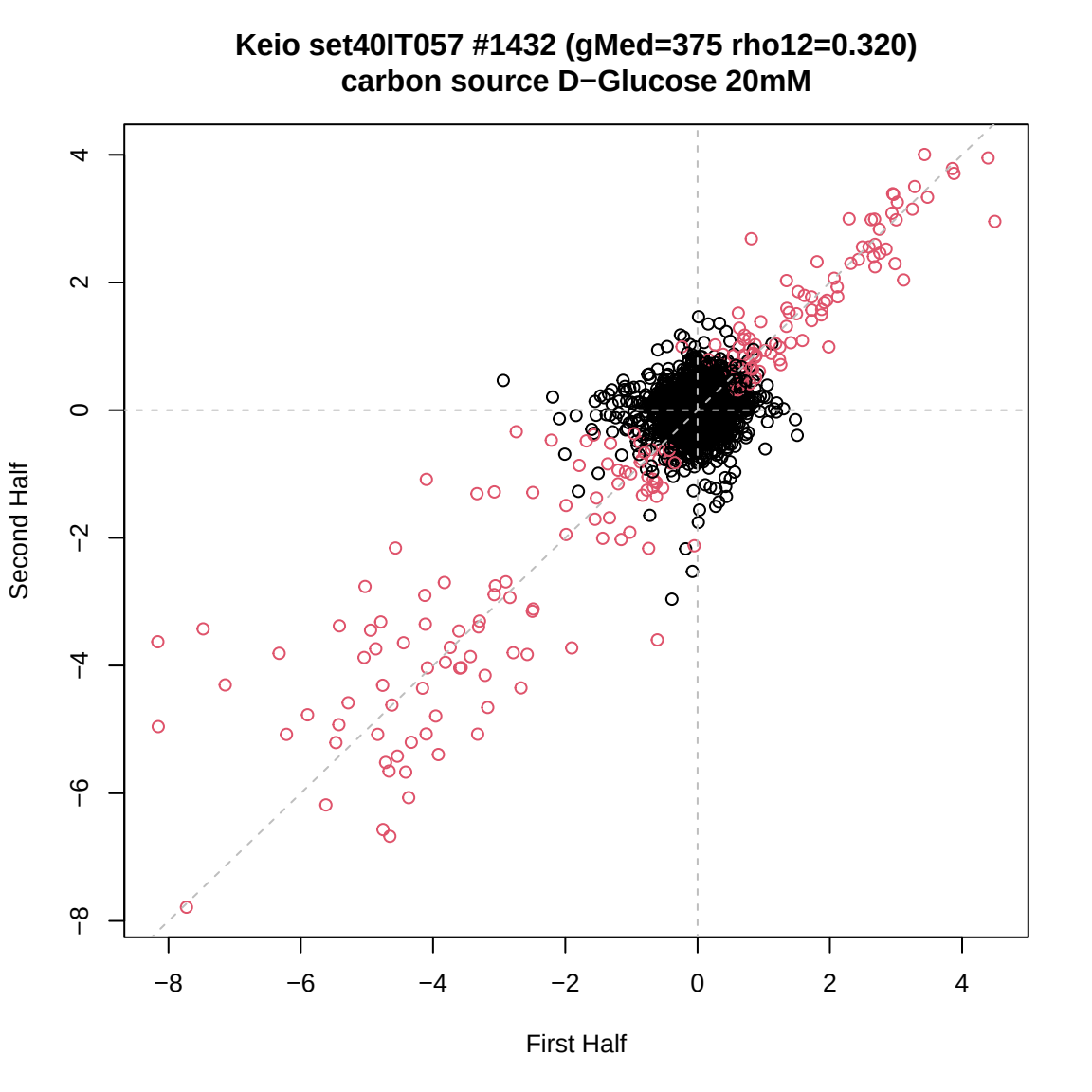

Keio set39IT084 #1427 (gMed=342 rho12=0.114)
Attachment_surface=PDMS; Biofilm_growth_time=7hrs; Biofilm_growth_me
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

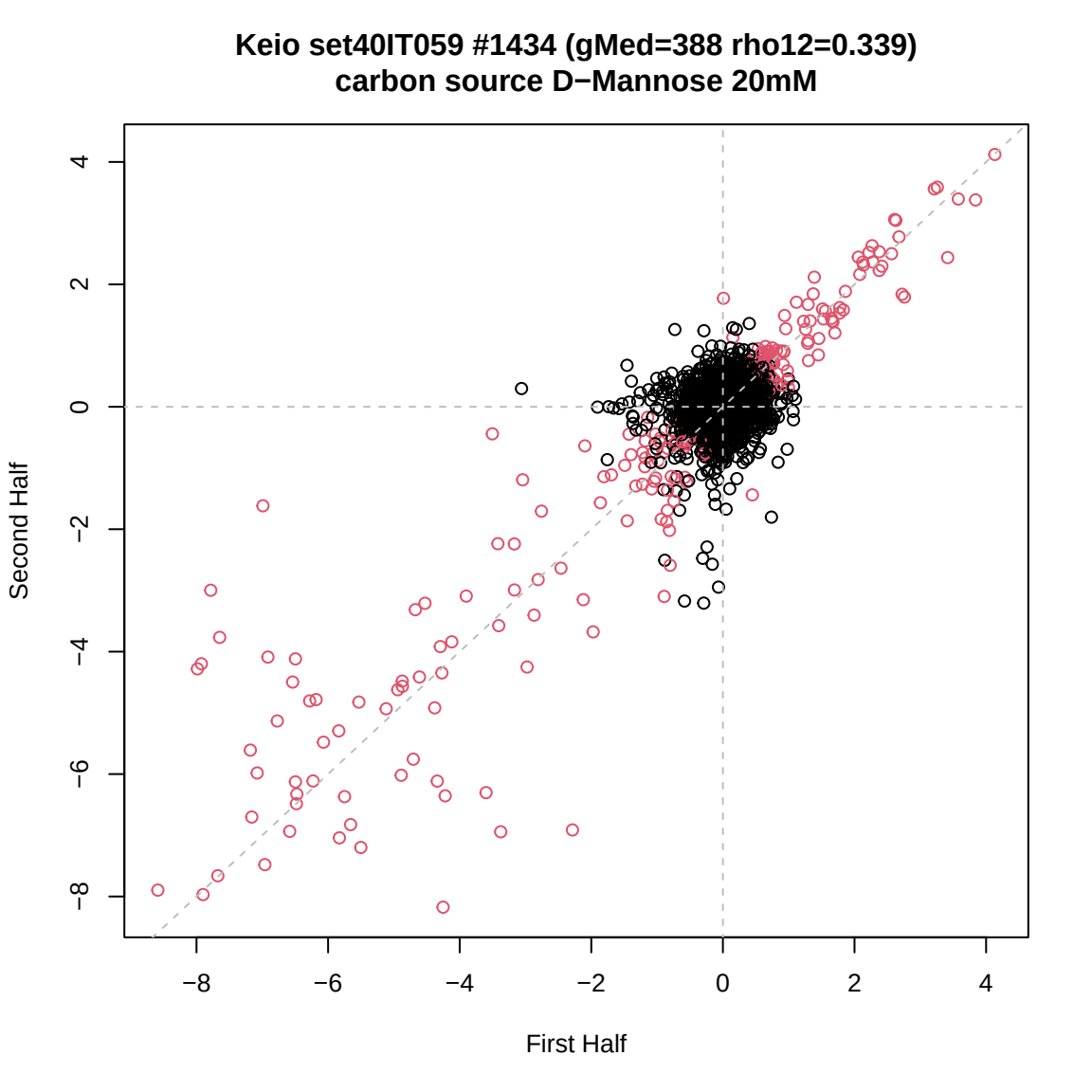

Keio set40IT053 #1428 (gMed=360 rho12=0.107)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

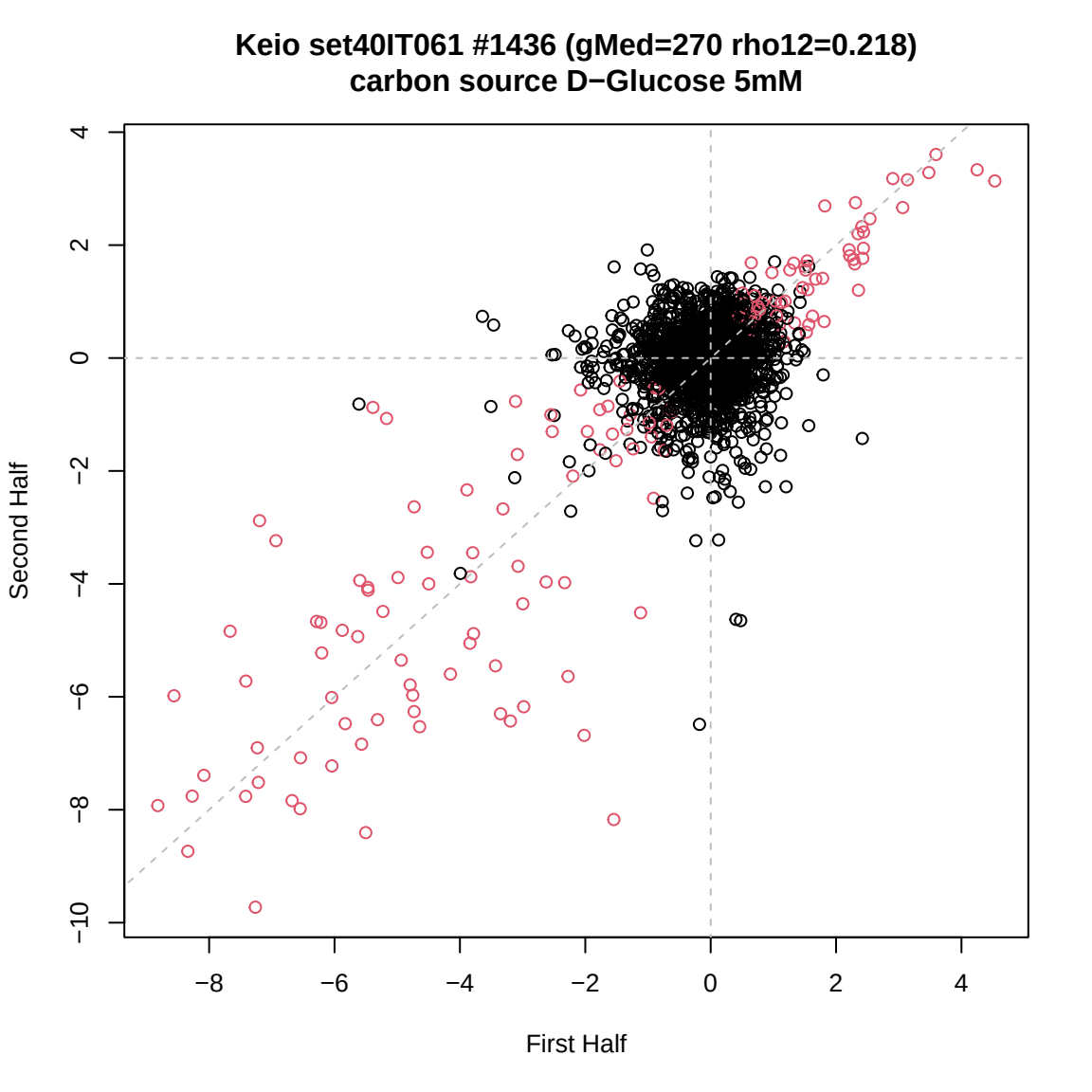

Keio set40IT054 #1429 (gMed=472 rho12=0.164)
Time0
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

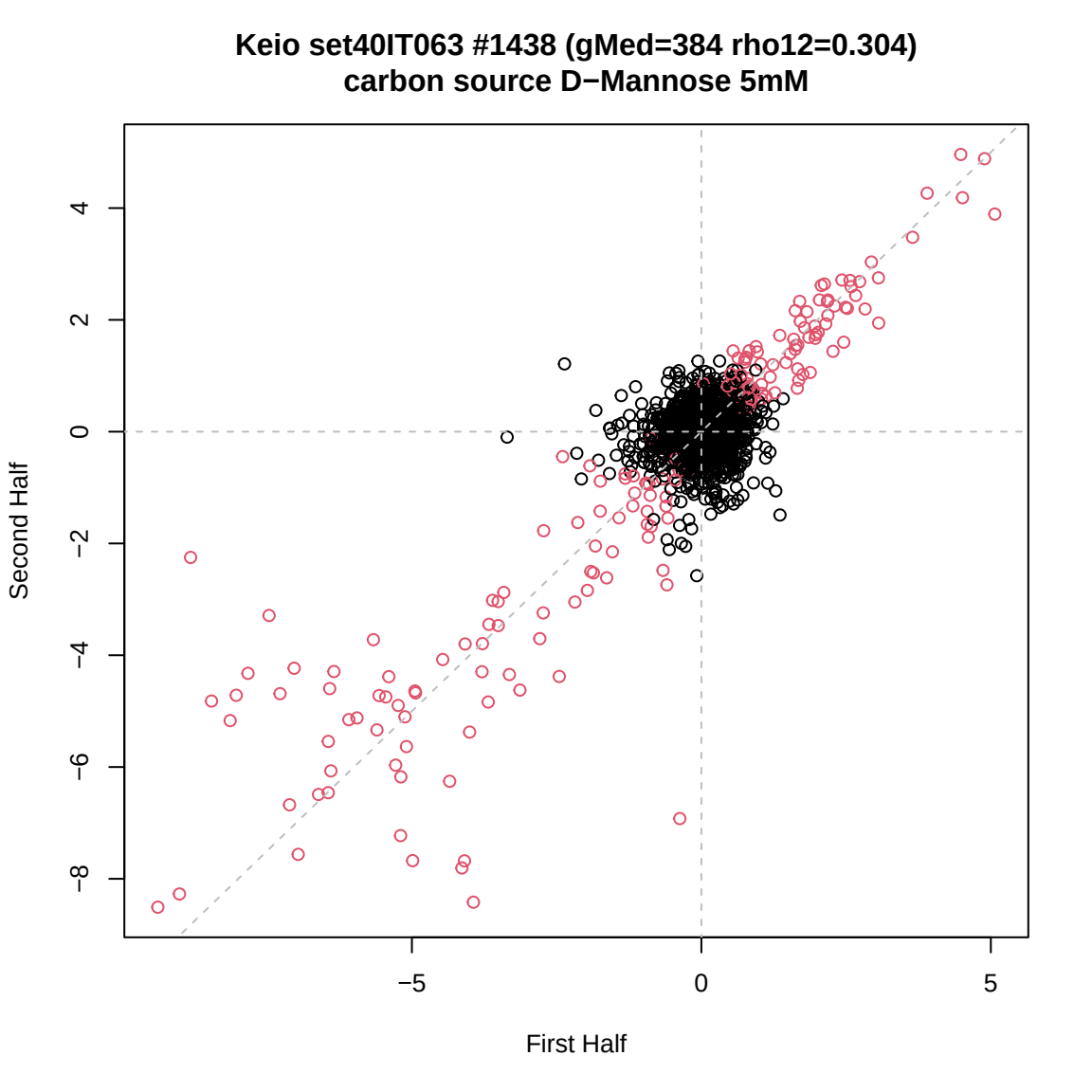

Keio set40IT055 #1430 (gMed=484 rho12=0.079)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

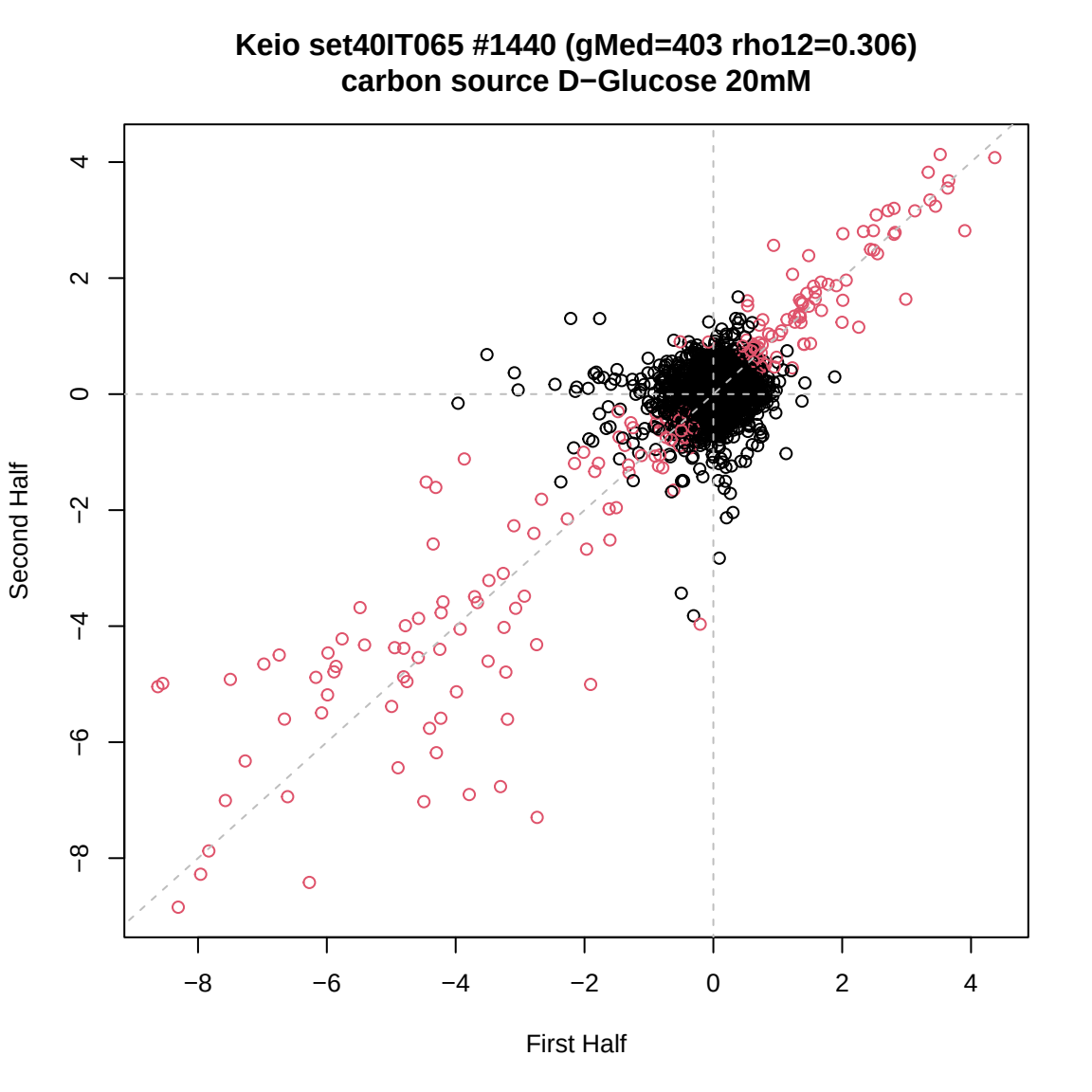

Keio set40IT056 #1431 (gMed=455 rho12=0.142)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1
2

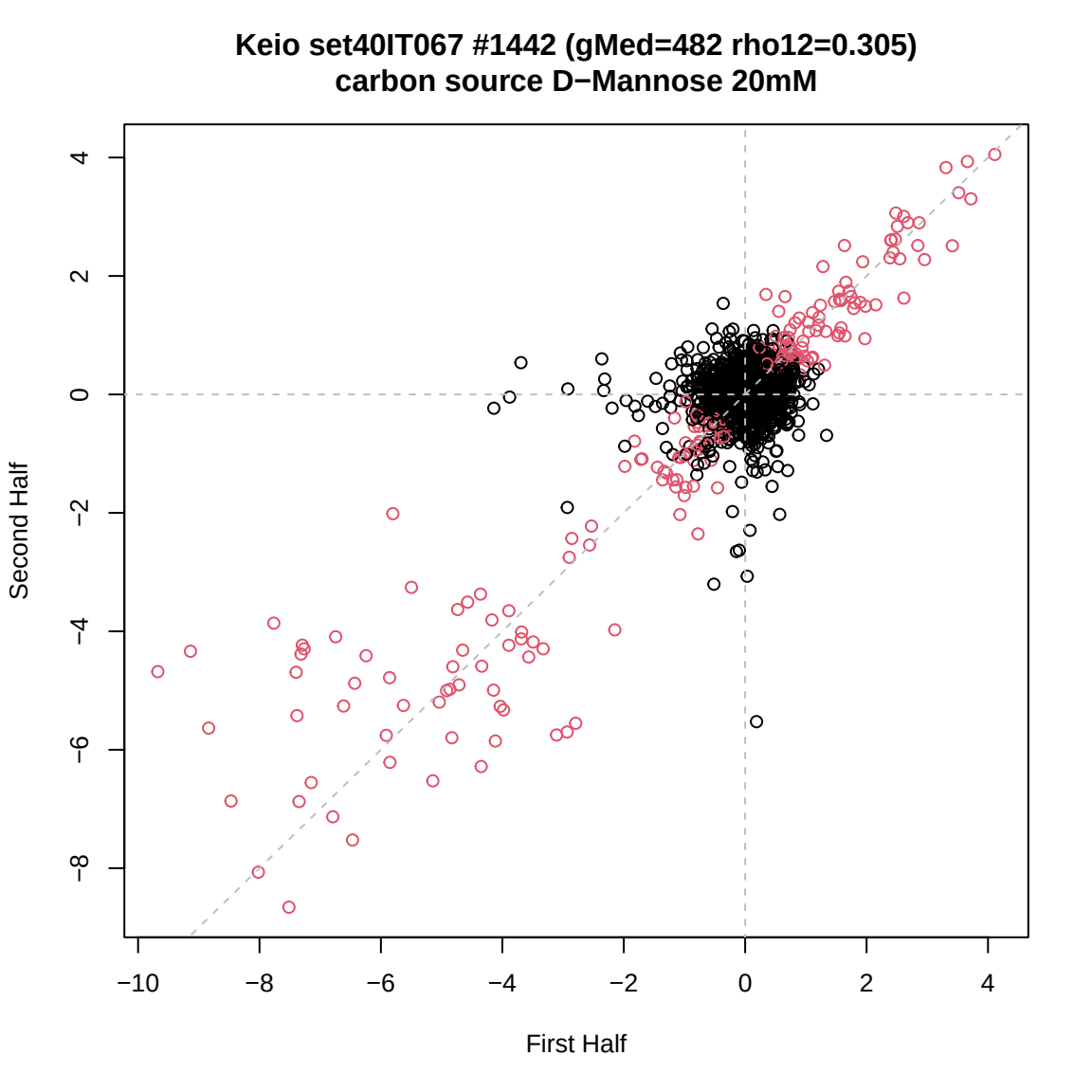

Keio set40IT057 #1432 (gMed=375 rho12=0.320)
carbon source D−Glucose 20mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

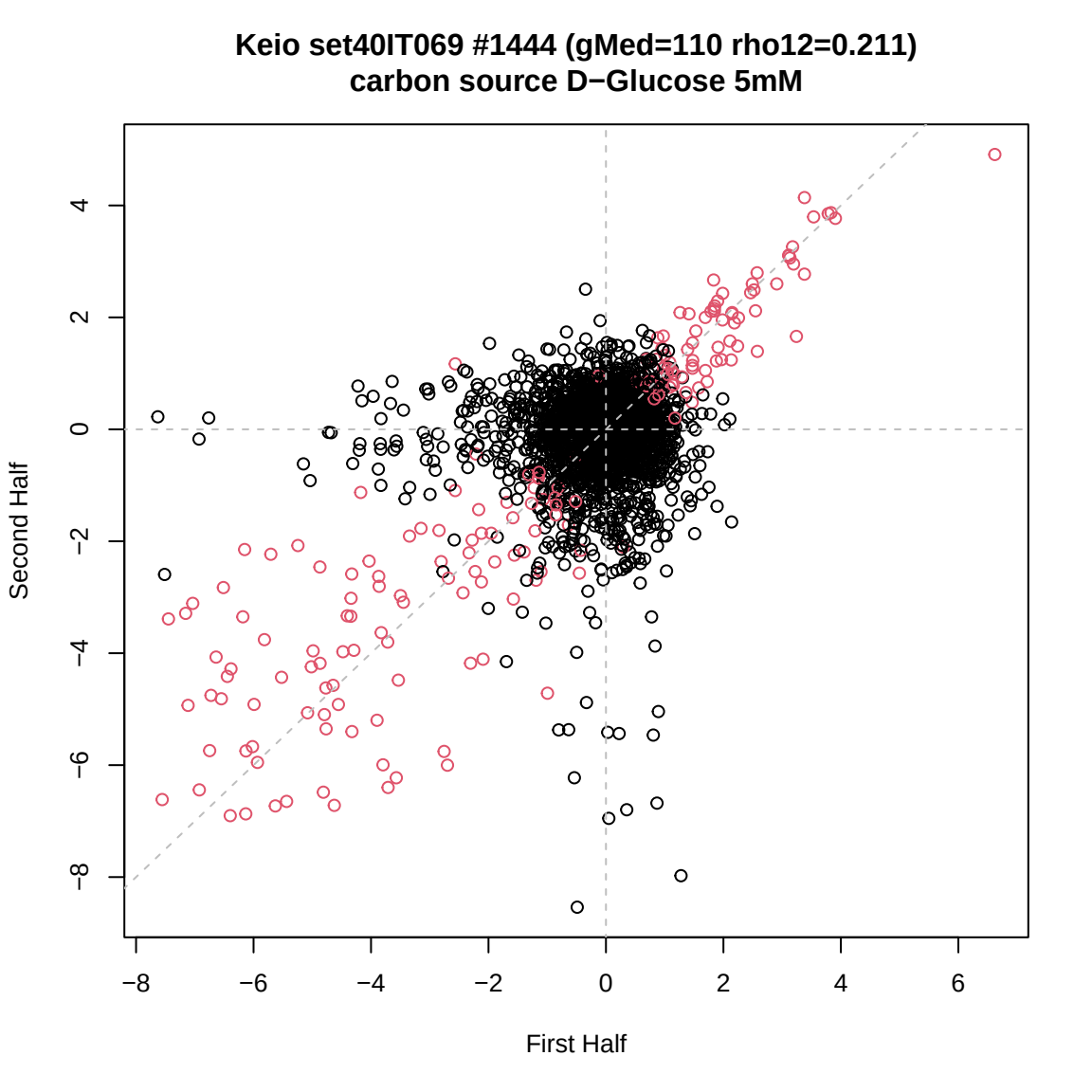

Keio set40IT059 #1434 (gMed=388 rho12=0.339)
carbon source D−Mannose 20mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

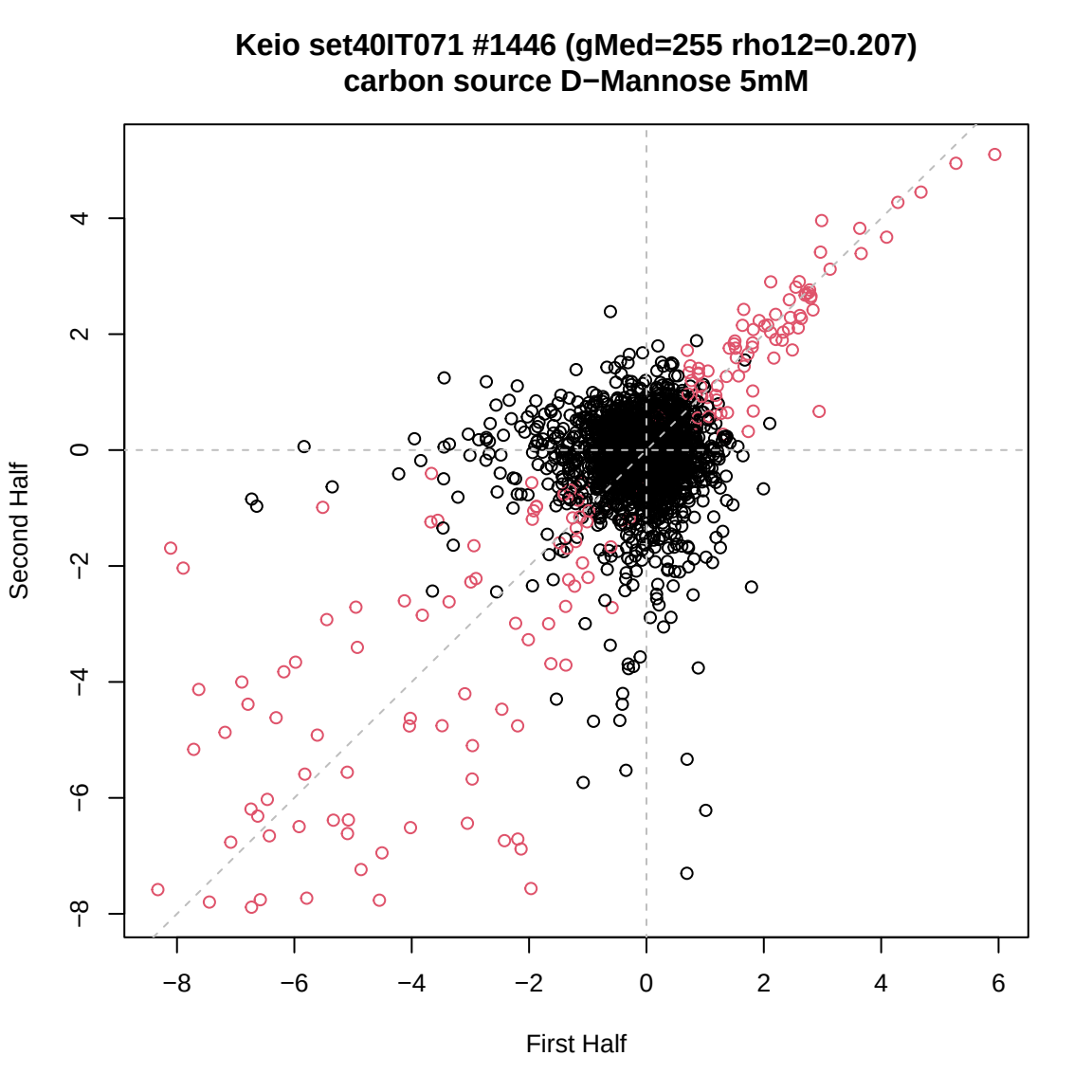

Keio set40IT061 #1436 (gMed=270 rho12=0.218)
carbon source D−Glucose 5mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2
4

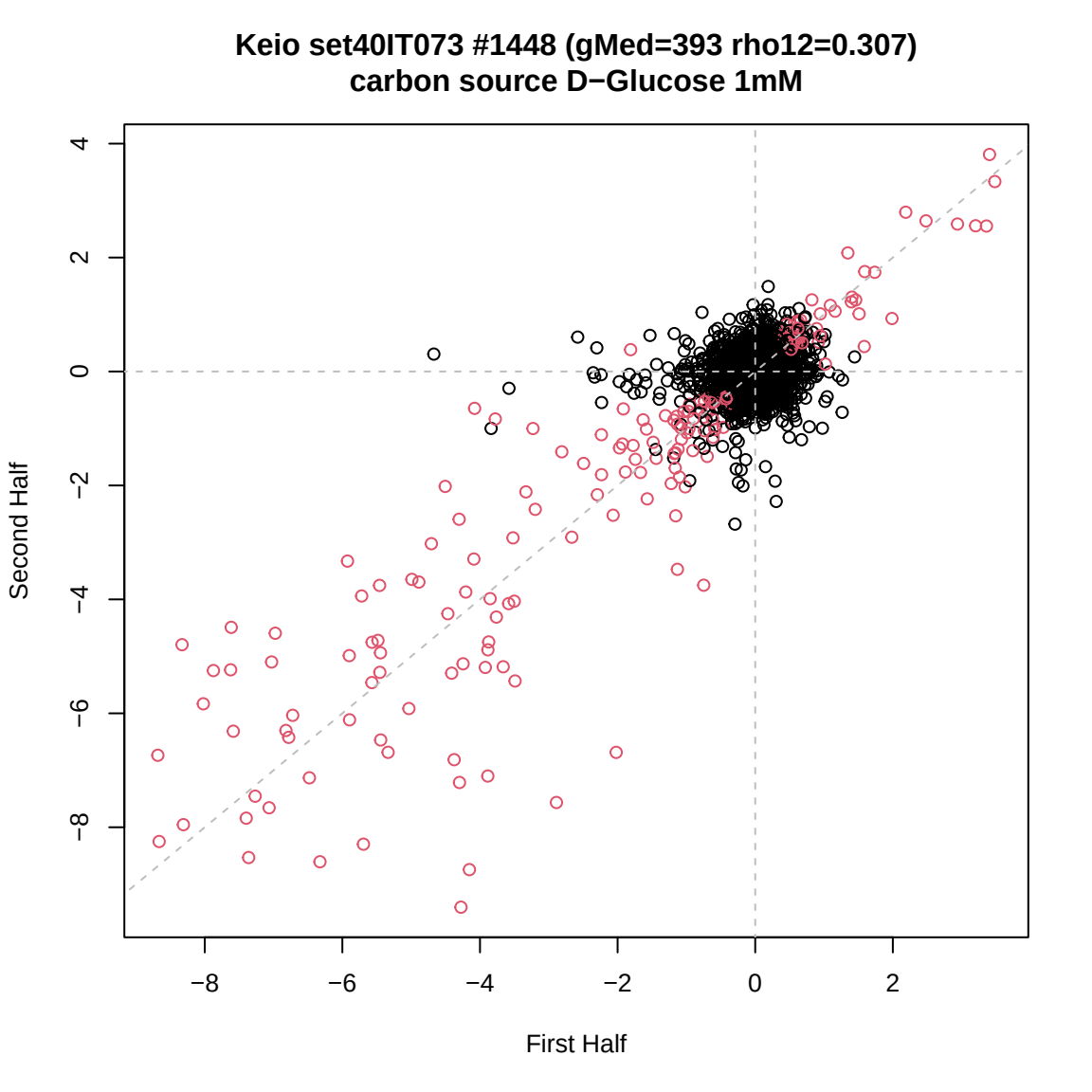

Keio set40IT063 #1438 (gMed=384 rho12=0.304)
carbon source D−Mannose 5mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−5
0
5

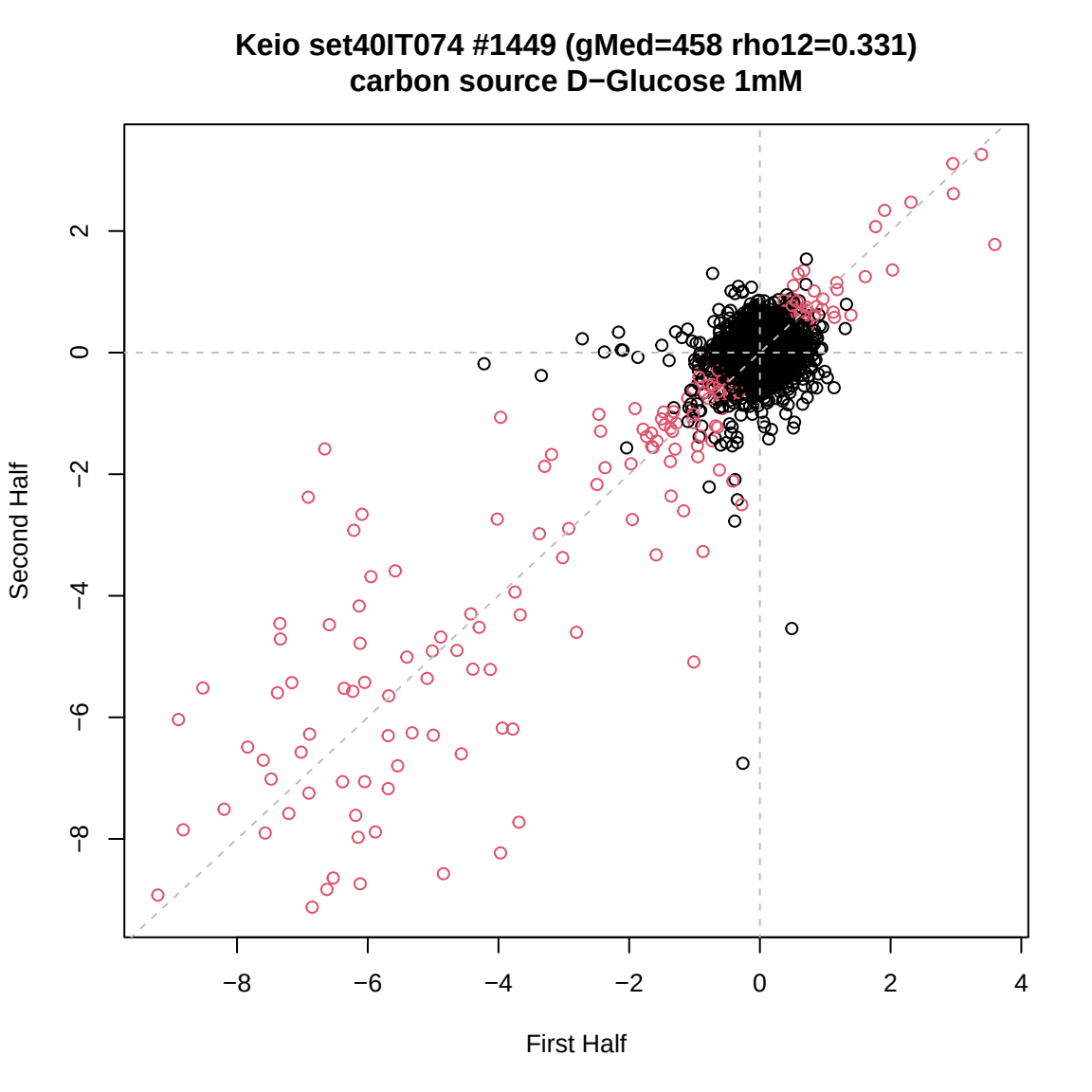

Keio set40IT065 #1440 (gMed=403 rho12=0.306)
carbon source D−Glucose 20mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

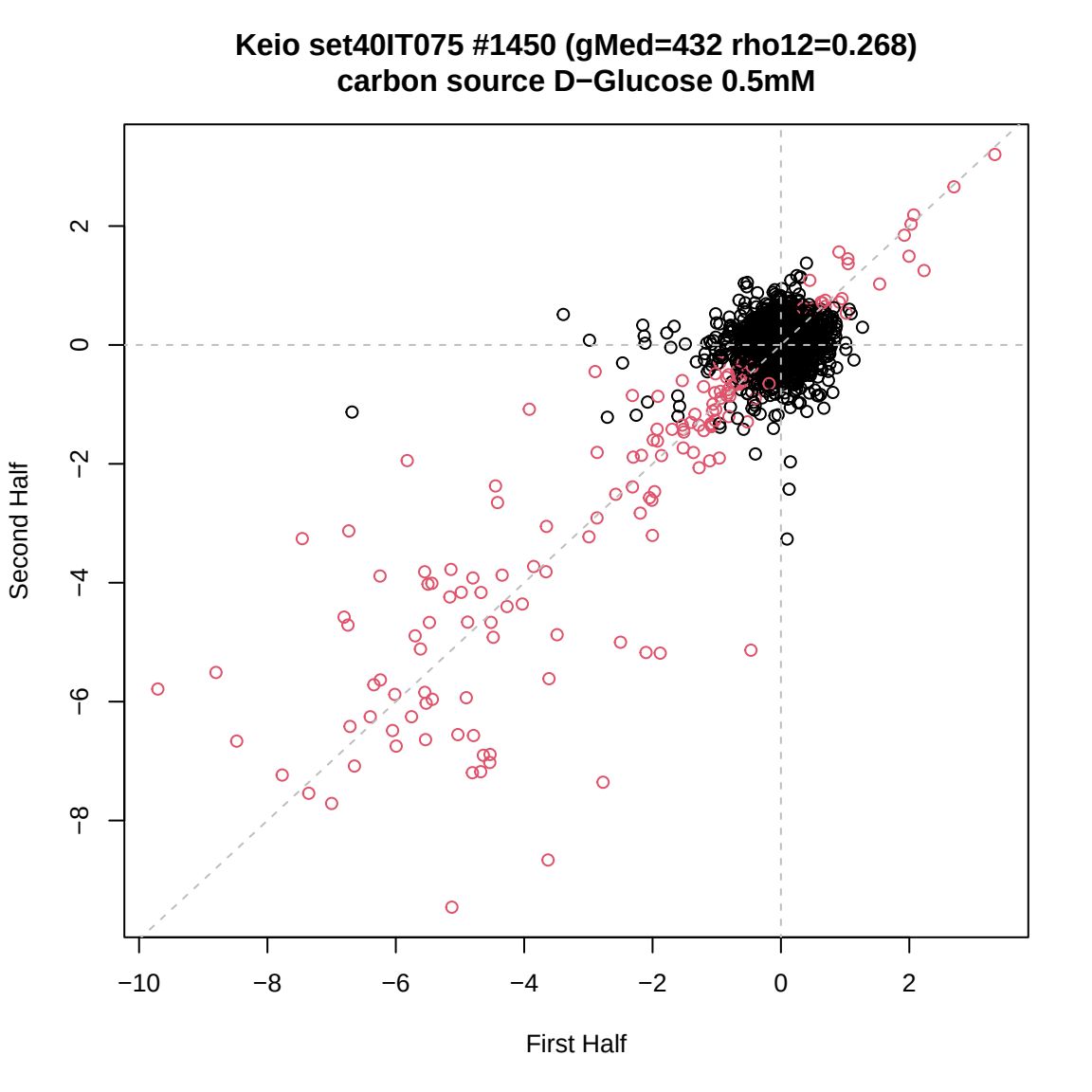

Keio set40IT067 #1442 (gMed=482 rho12=0.305)
carbon source D−Mannose 20mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2
4

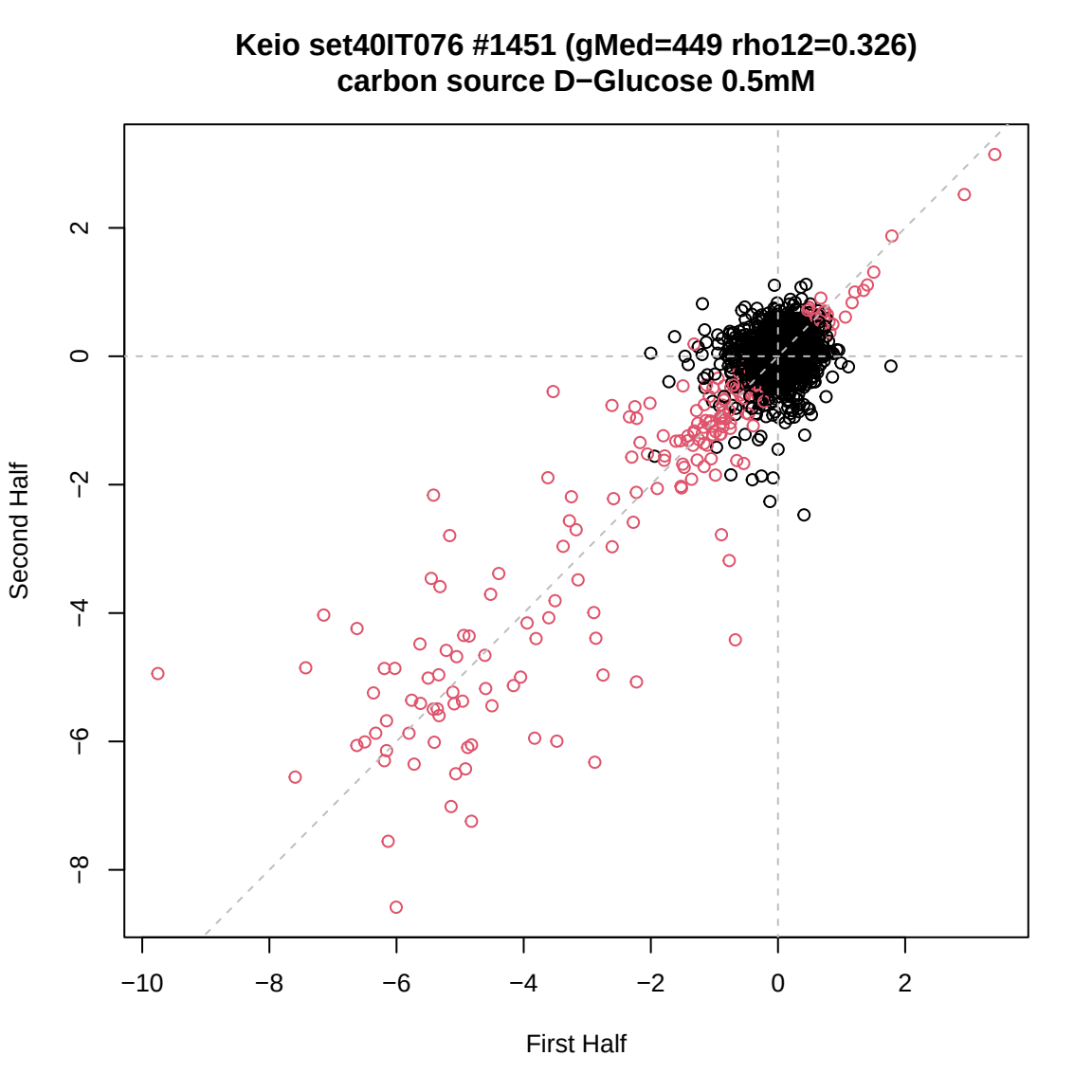

Keio set40IT069 #1444 (gMed=110 rho12=0.211)
carbon source D−Glucose 5mM
Second Half
First Half
−8
−6
−4
−2
0
2
4
6

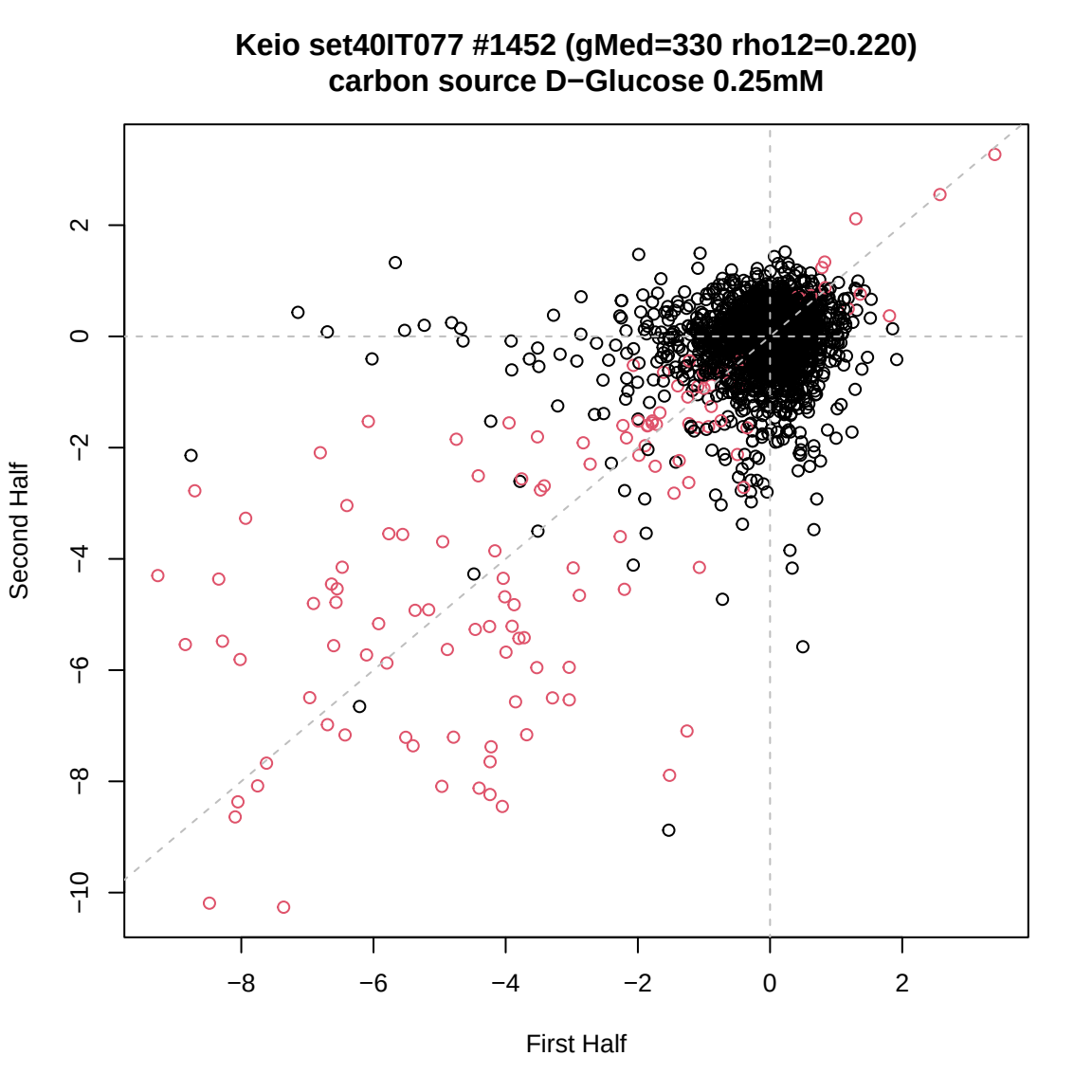

Keio set40IT071 #1446 (gMed=255 rho12=0.207)
carbon source D−Mannose 5mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4
6

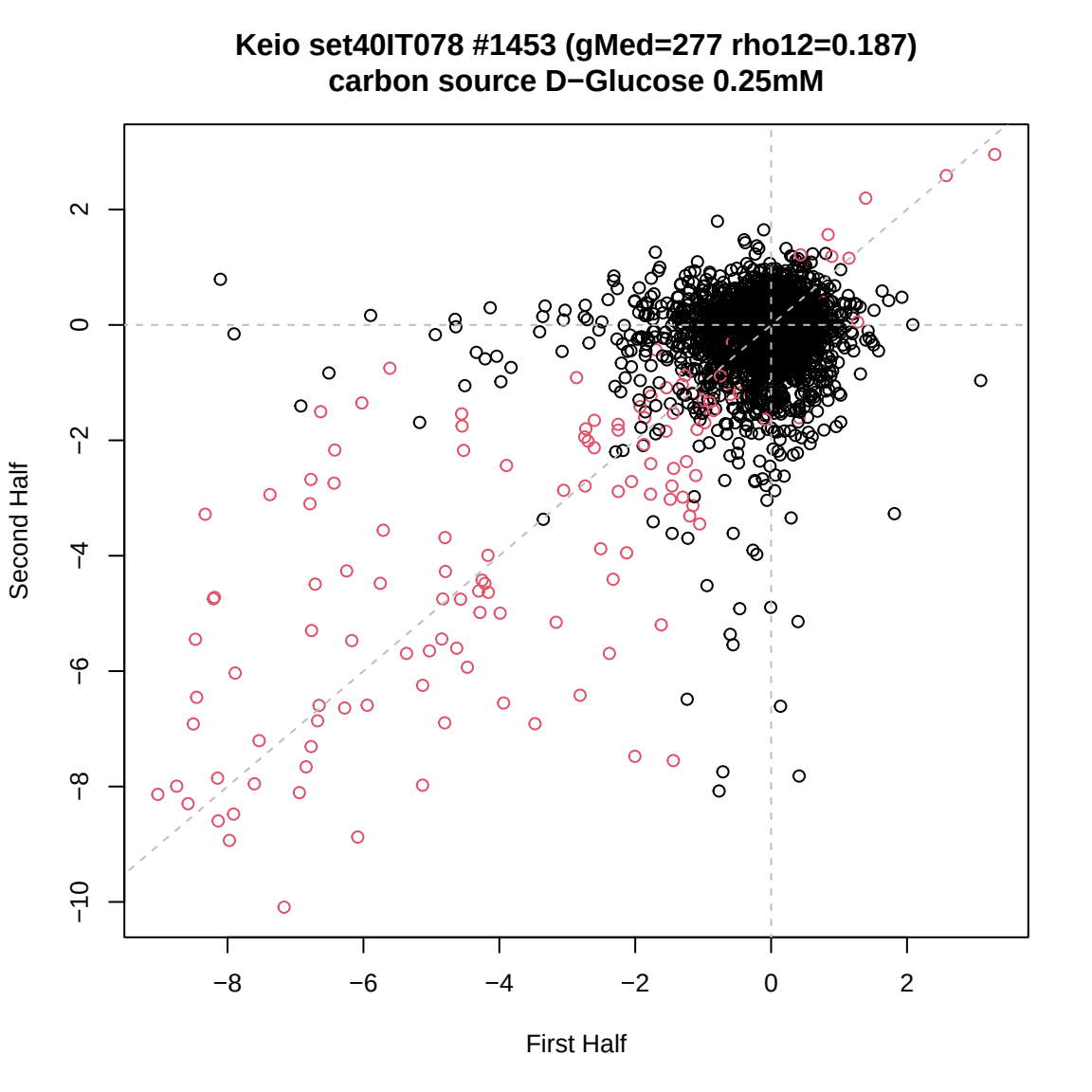

Keio set40IT073 #1448 (gMed=393 rho12=0.307)
carbon source D−Glucose 1mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

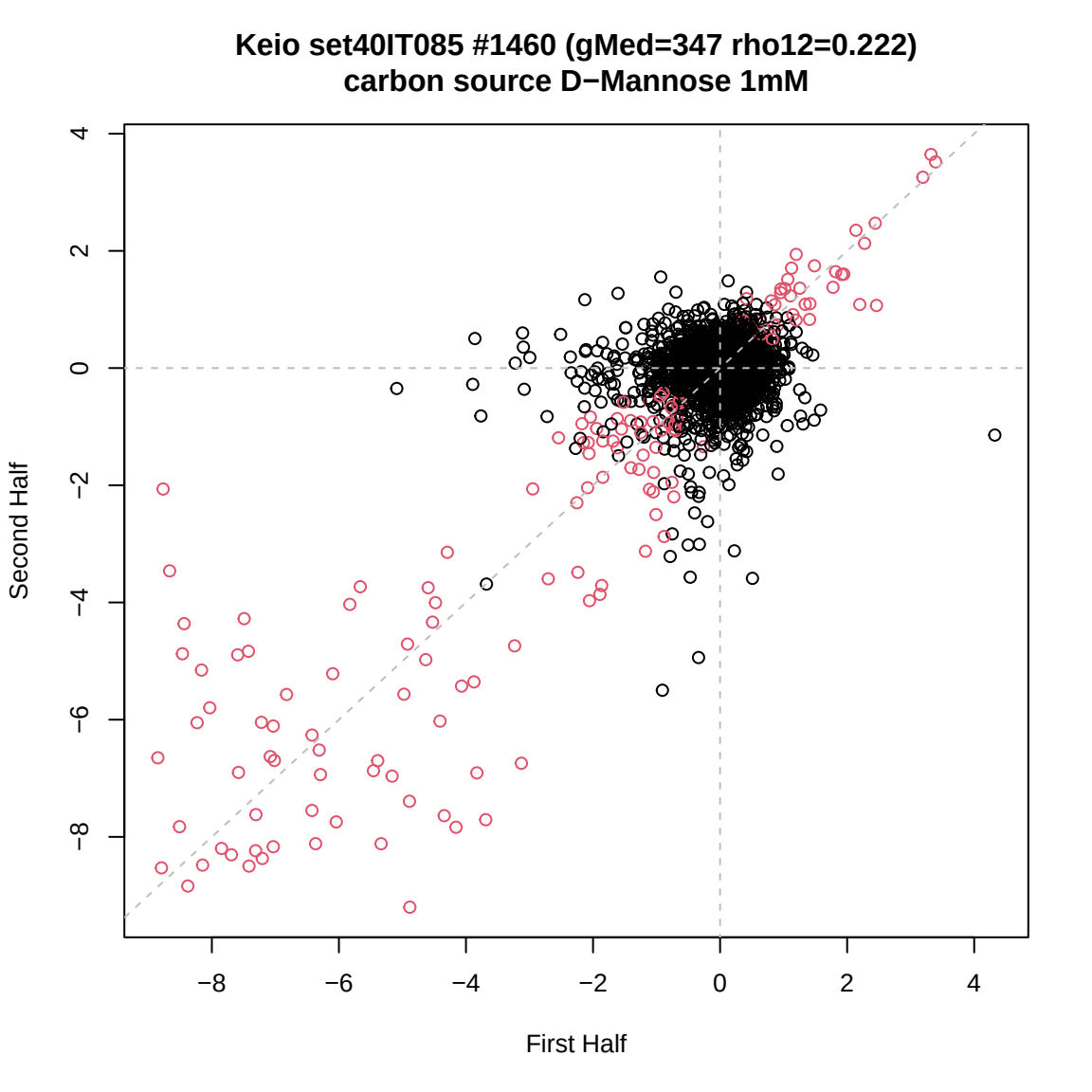

Keio set40IT074 #1449 (gMed=458 rho12=0.331)
carbon source D−Glucose 1mM
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

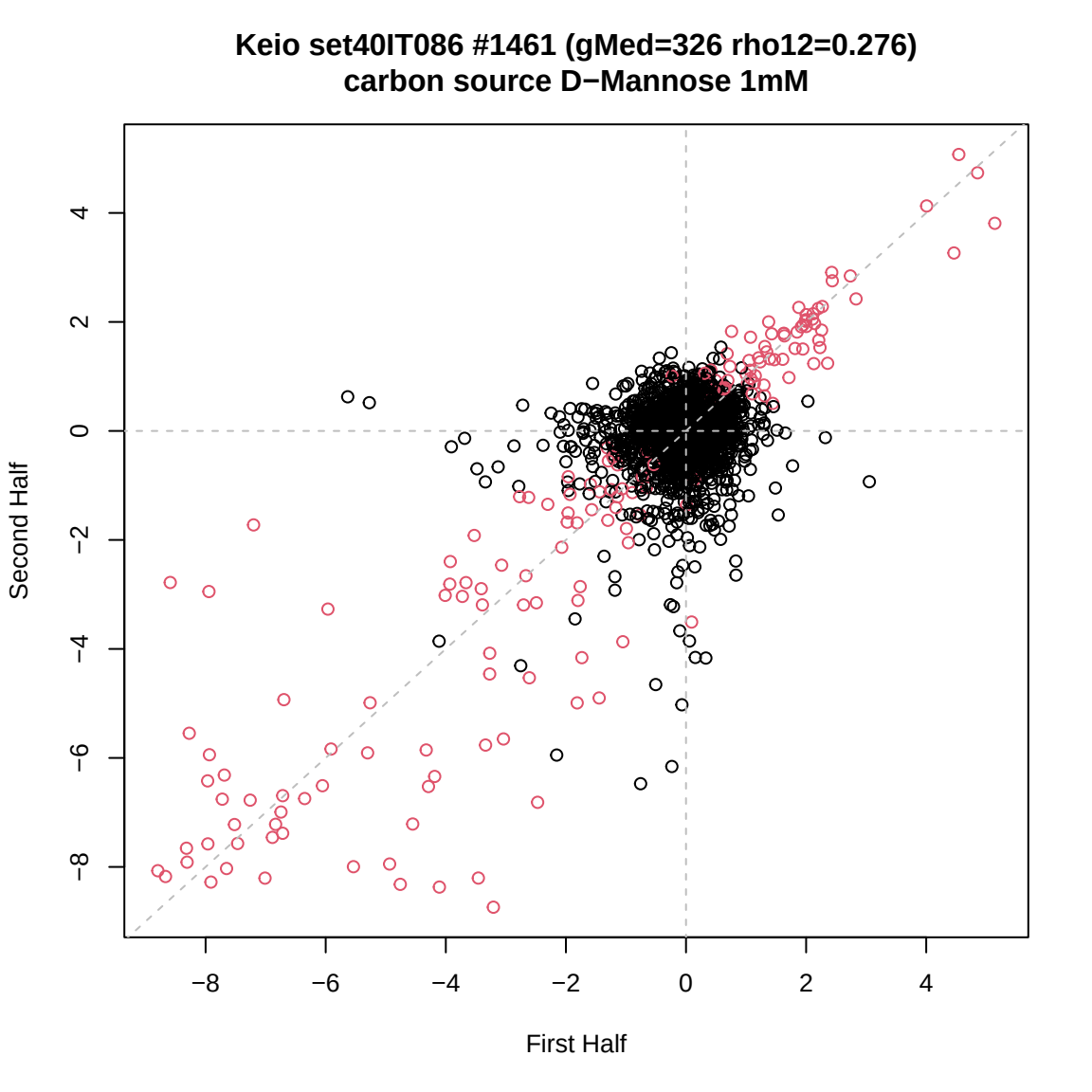

Keio set40IT075 #1450 (gMed=432 rho12=0.268)
carbon source D−Glucose 0.5mM
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

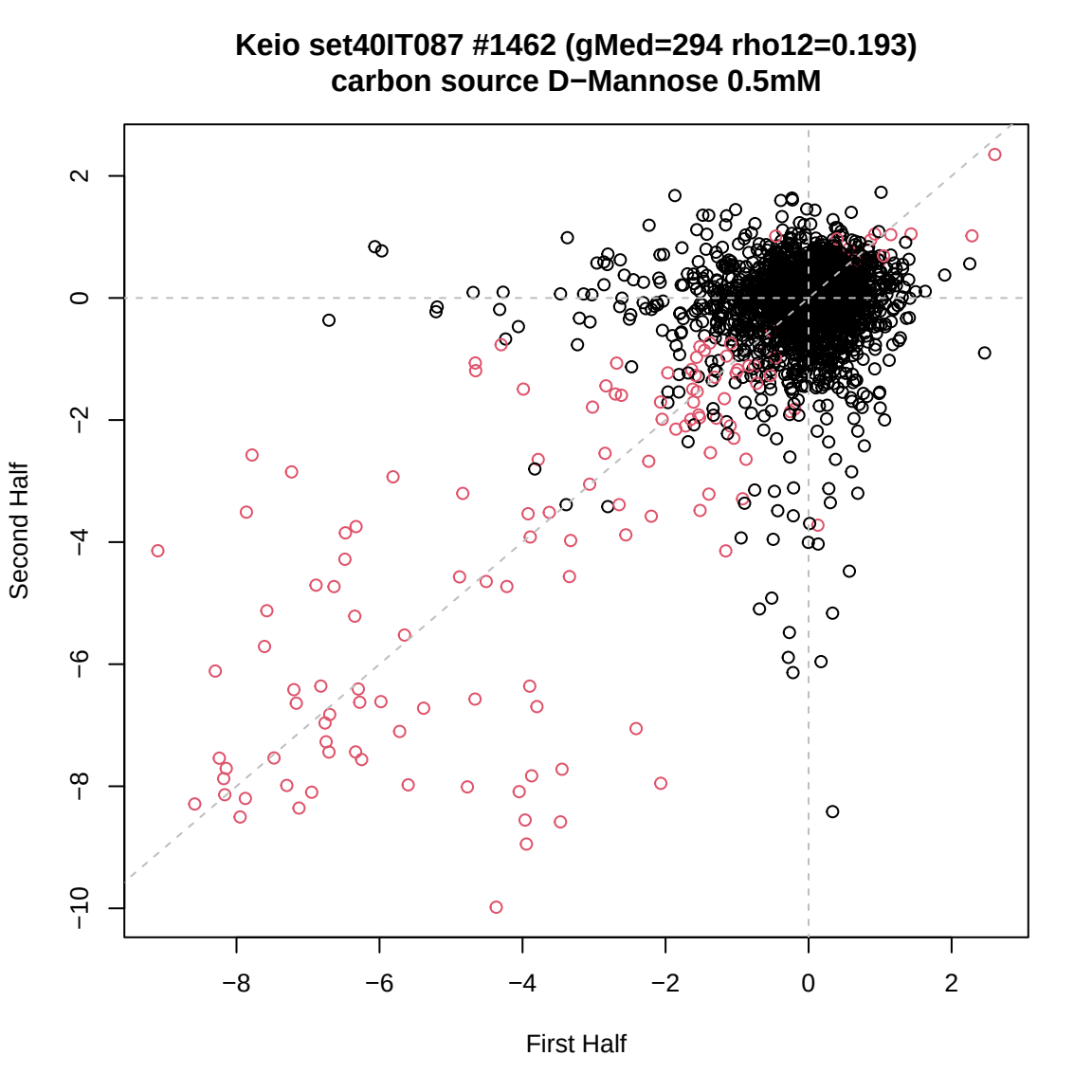

Keio set40IT076 #1451 (gMed=449 rho12=0.326)
carbon source D−Glucose 0.5mM
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

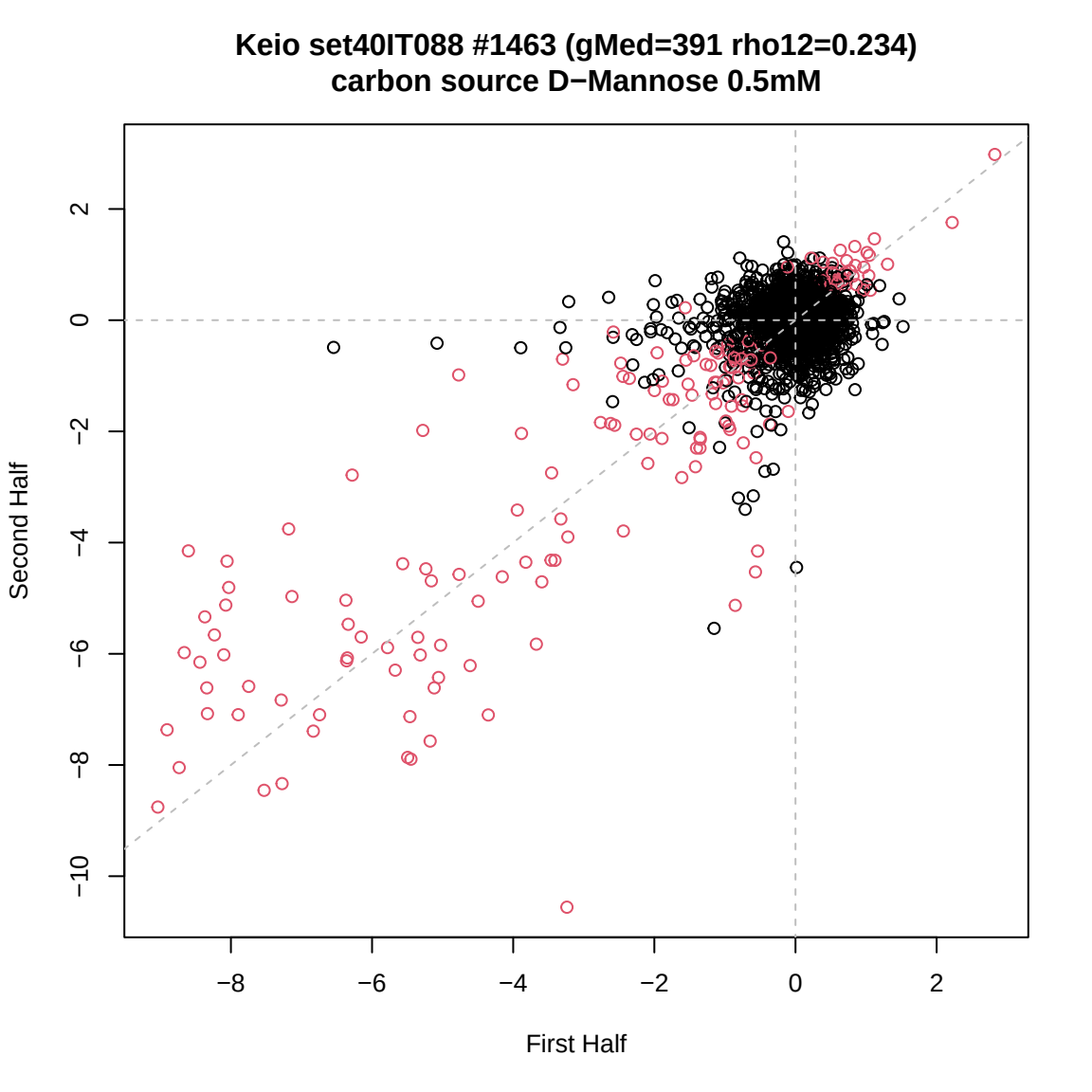

Keio set40IT077 #1452 (gMed=330 rho12=0.220)
carbon source D−Glucose 0.25mM
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

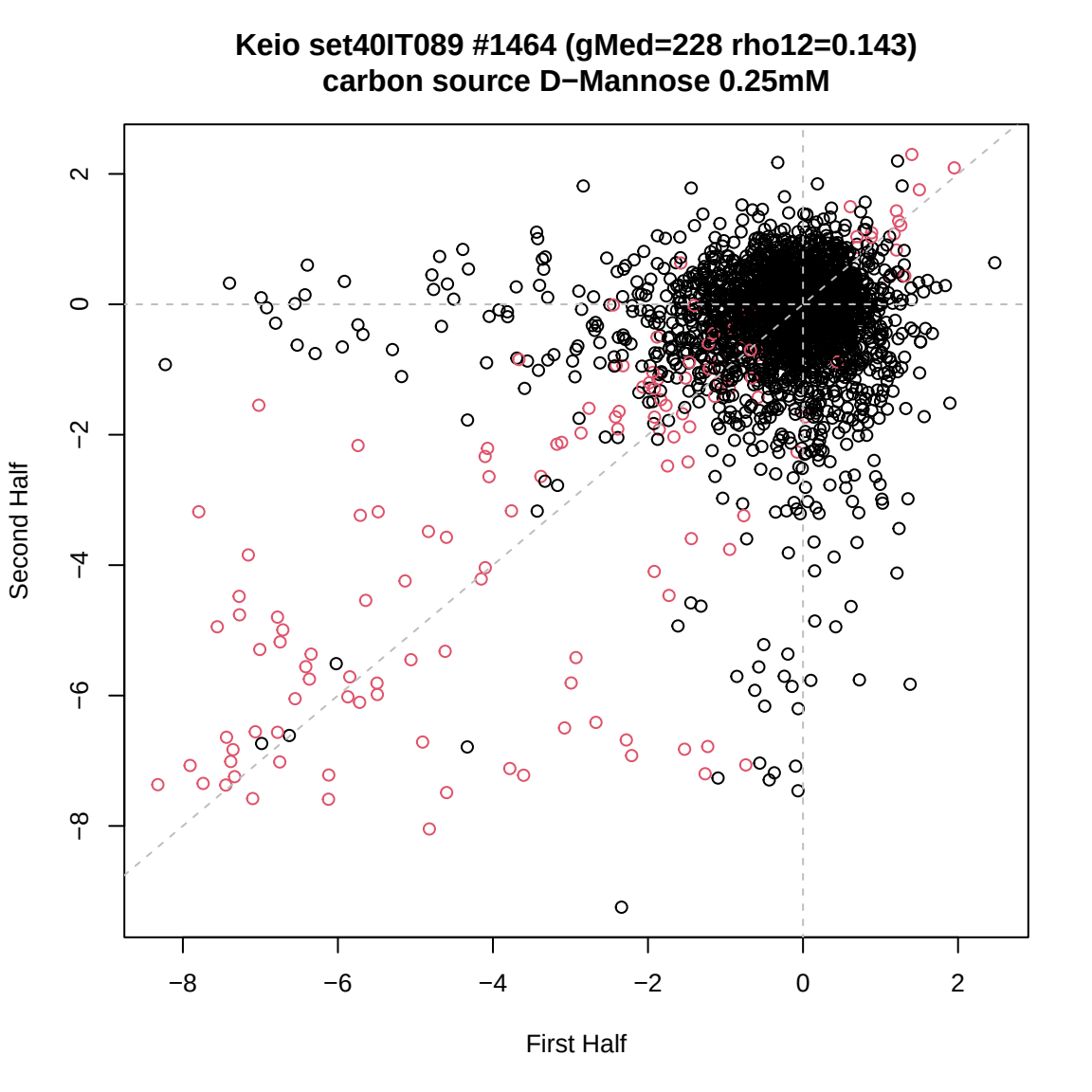

Keio set40IT078 #1453 (gMed=277 rho12=0.187)
carbon source D−Glucose 0.25mM
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

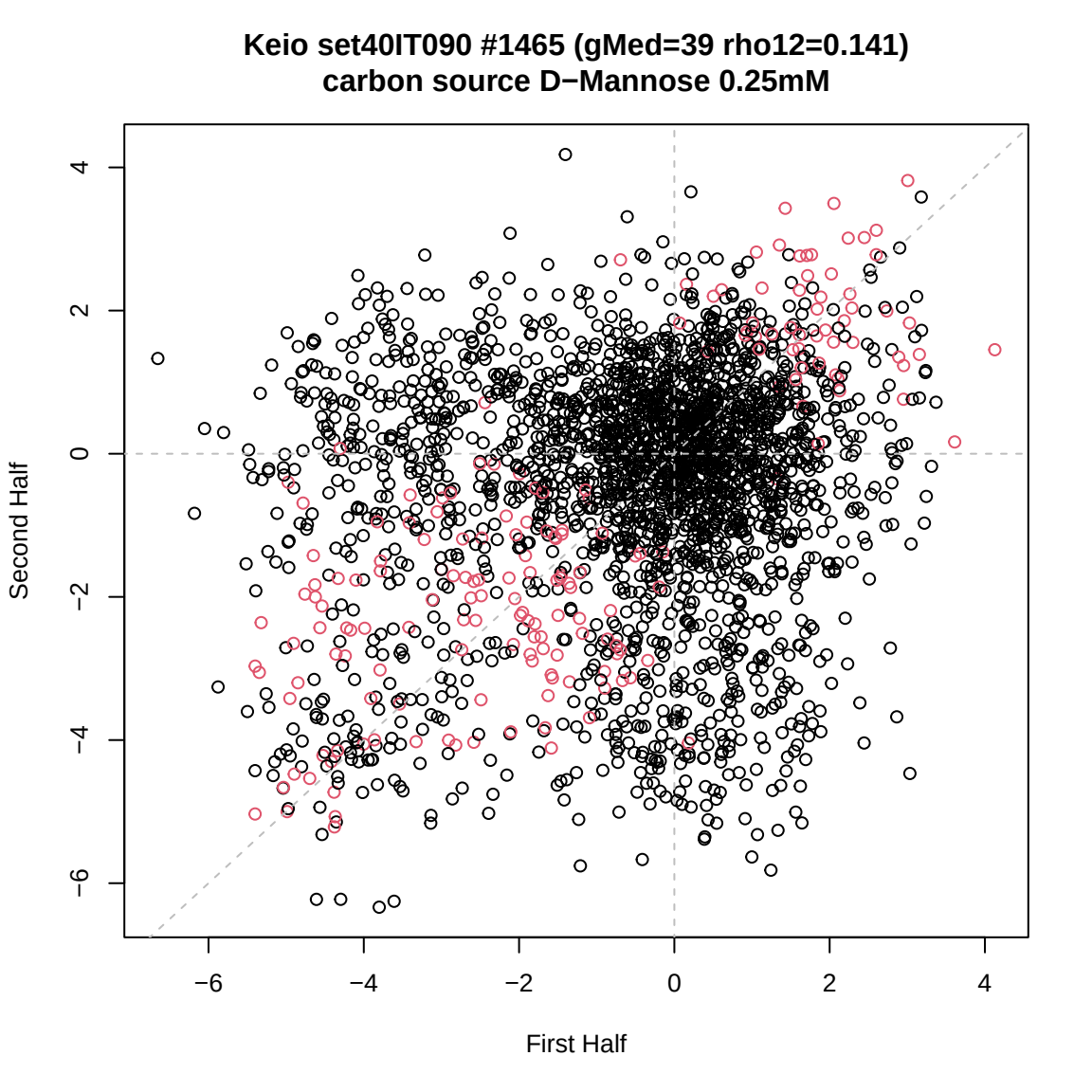

Keio set40IT085 #1460 (gMed=347 rho12=0.222)
carbon source D−Mannose 1mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

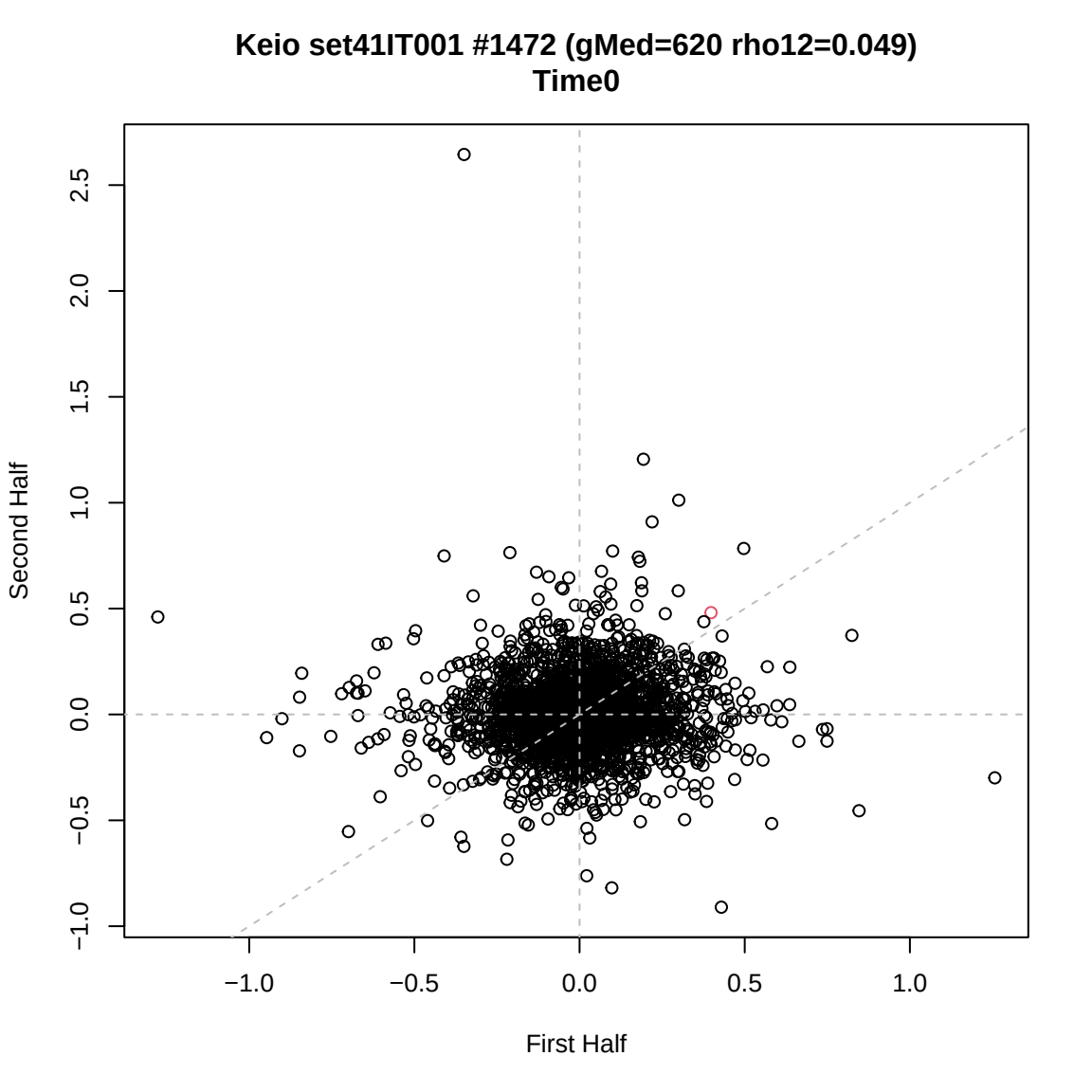

Keio set40IT086 #1461 (gMed=326 rho12=0.276)
carbon source D−Mannose 1mM
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

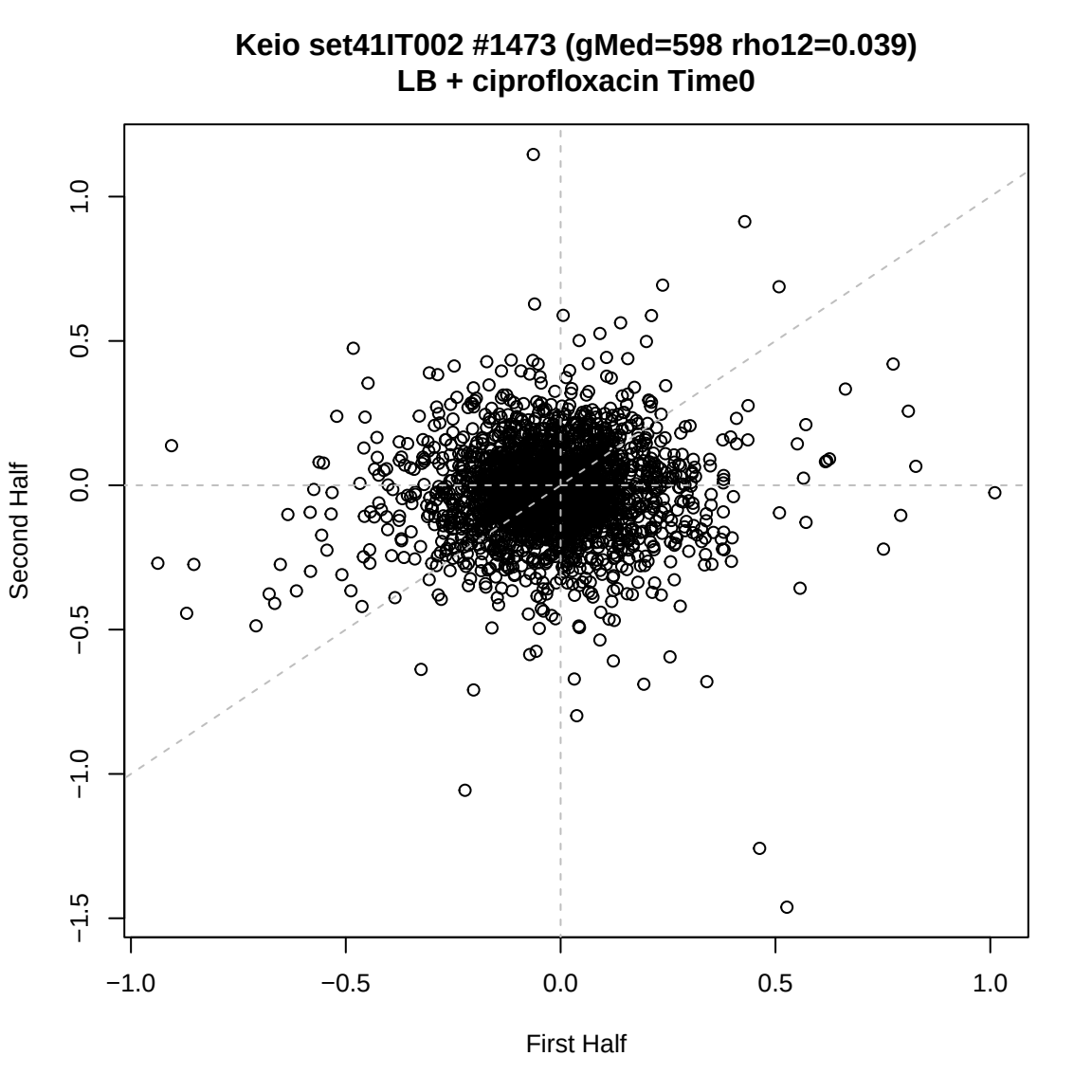

Keio set40IT087 #1462 (gMed=294 rho12=0.193)
carbon source D−Mannose 0.5mM
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

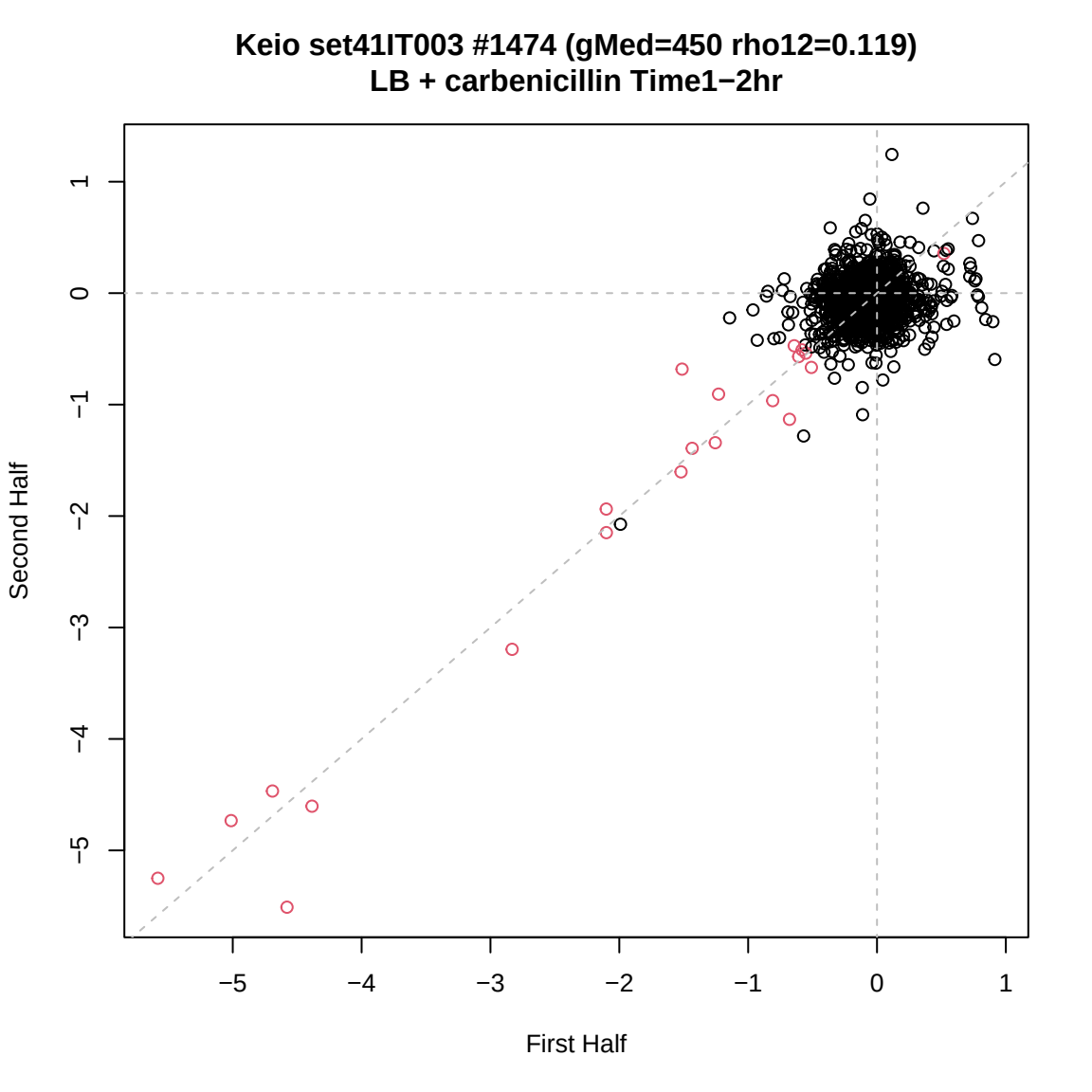

Keio set40IT088 #1463 (gMed=391 rho12=0.234)
carbon source D−Mannose 0.5mM
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

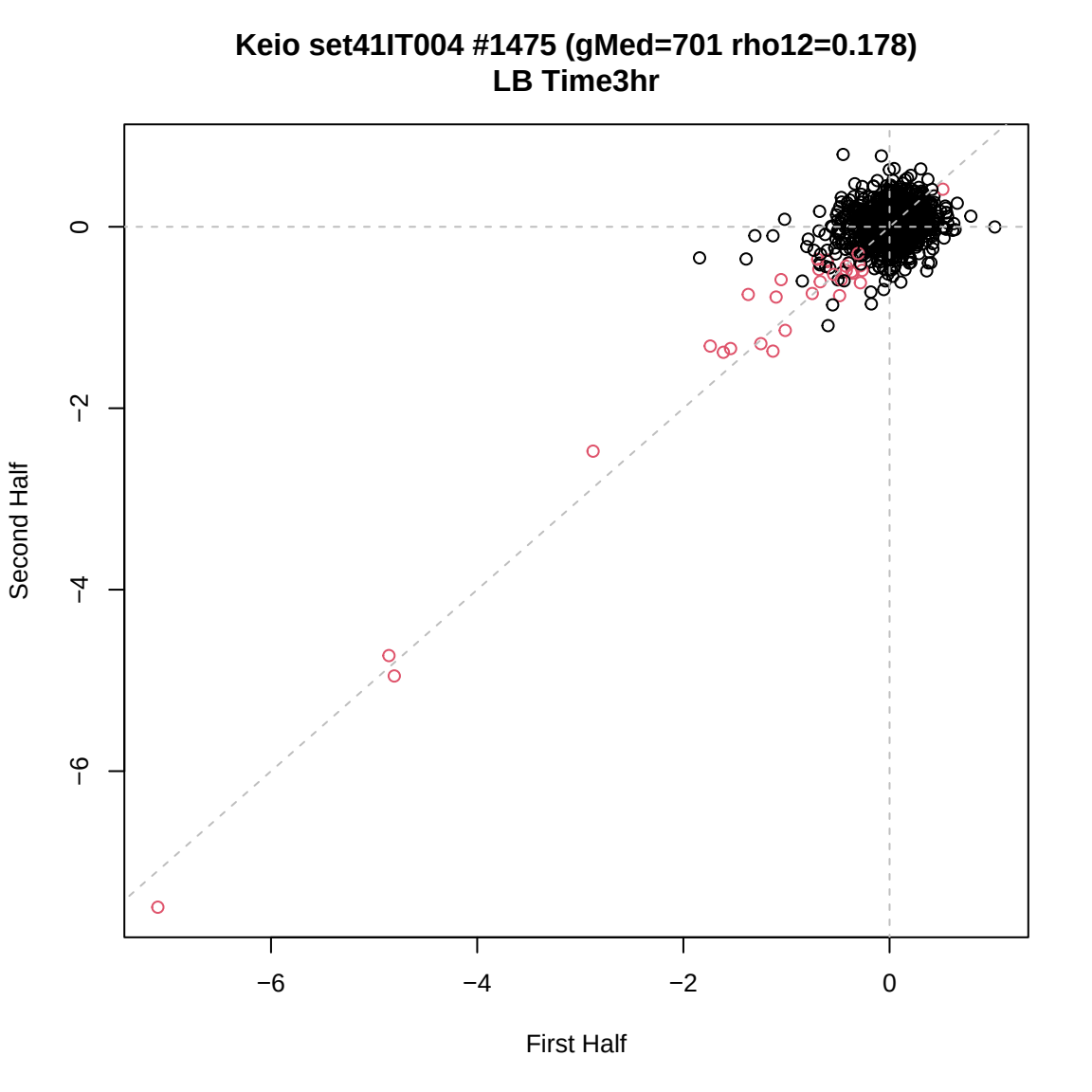

Keio set40IT089 #1464 (gMed=228 rho12=0.143)
carbon source D−Mannose 0.25mM
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

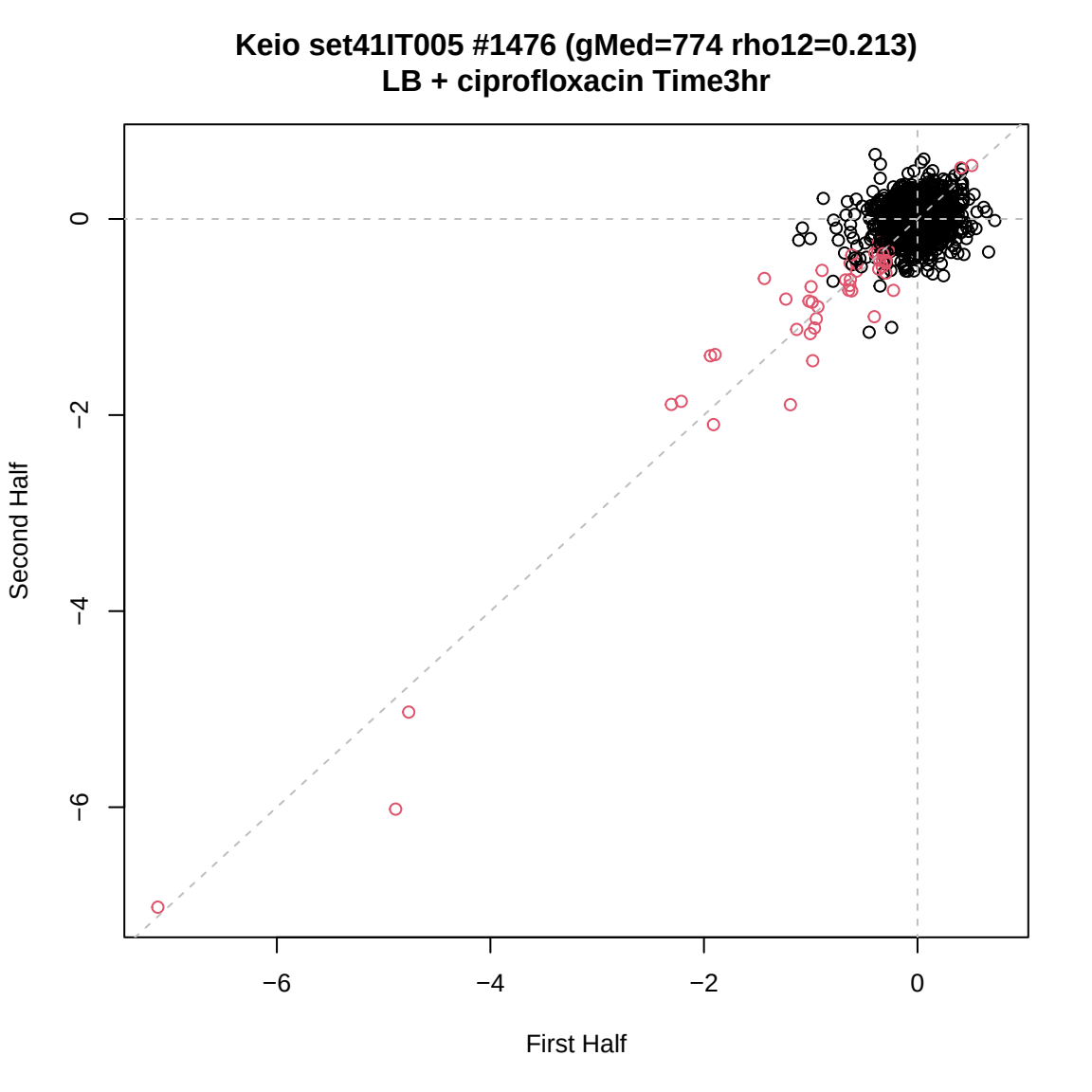

Keio set40IT090 #1465 (gMed=39 rho12=0.141)
carbon source D−Mannose 0.25mM
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

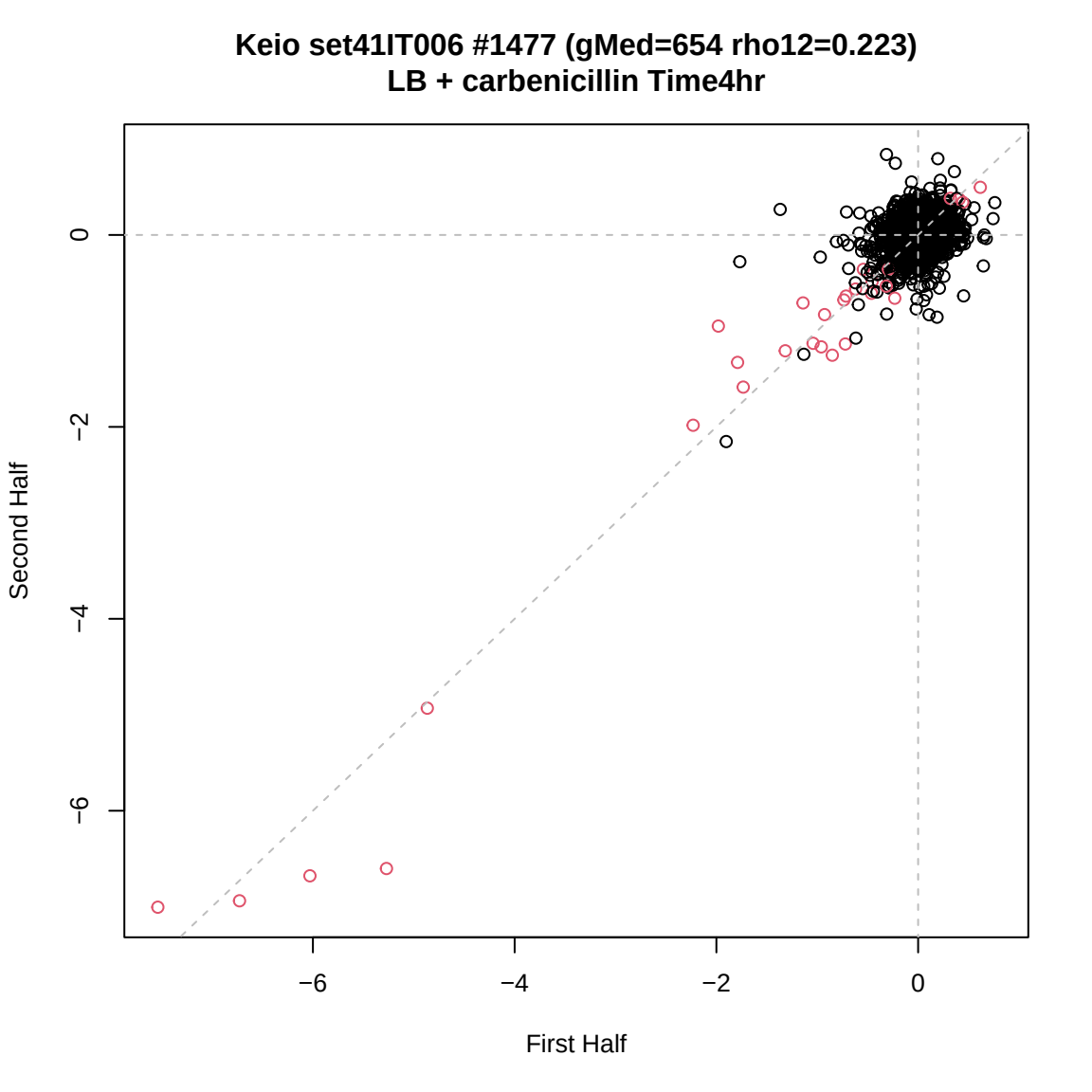

Keio set41IT001 #1472 (gMed=620 rho12=0.049)
Time0
Second Half
First Half
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

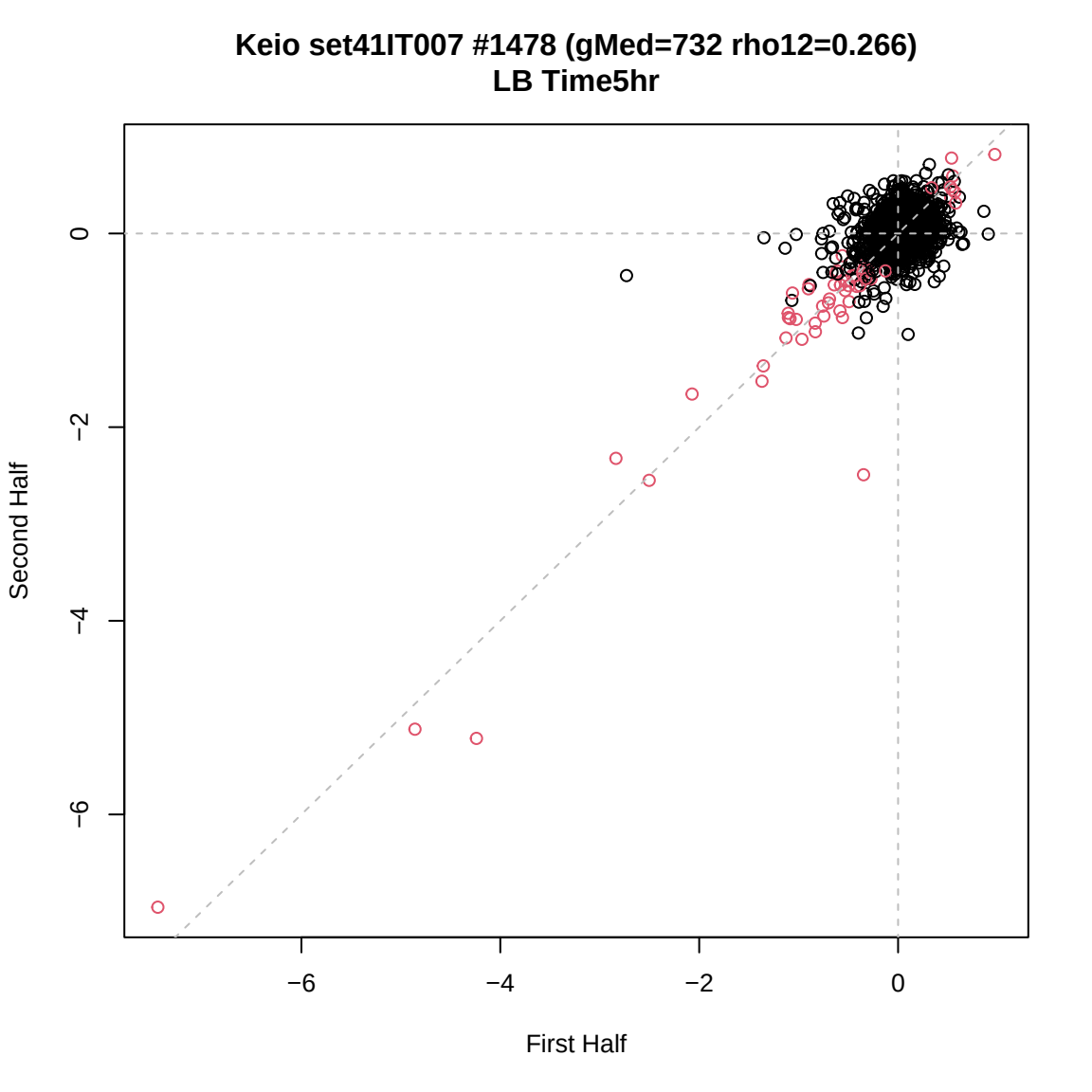

Keio set41IT002 #1473 (gMed=598 rho12=0.039)
LB + ciprofloxacin Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

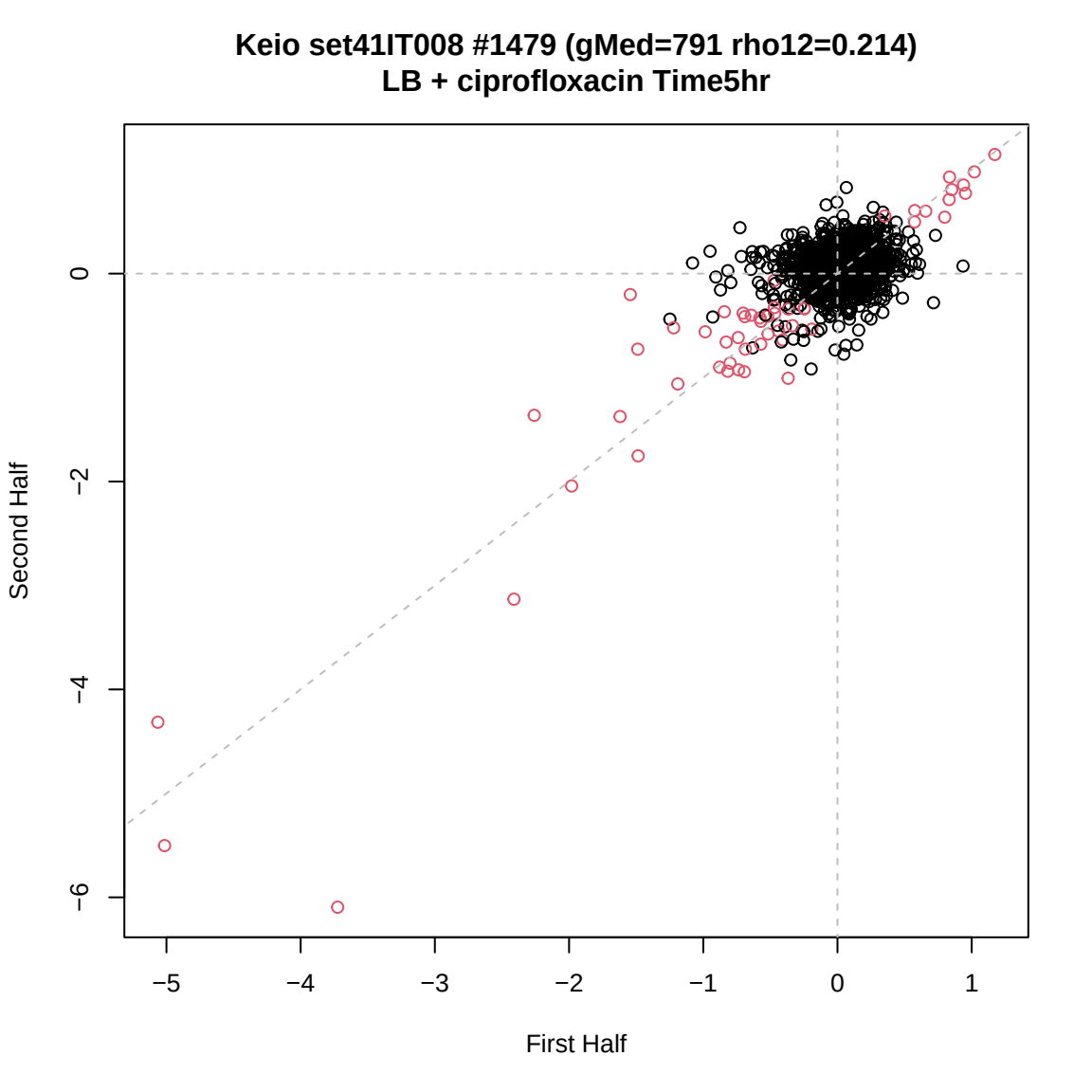

Keio set41IT003 #1474 (gMed=450 rho12=0.119)
LB + carbenicillin Time1−2hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

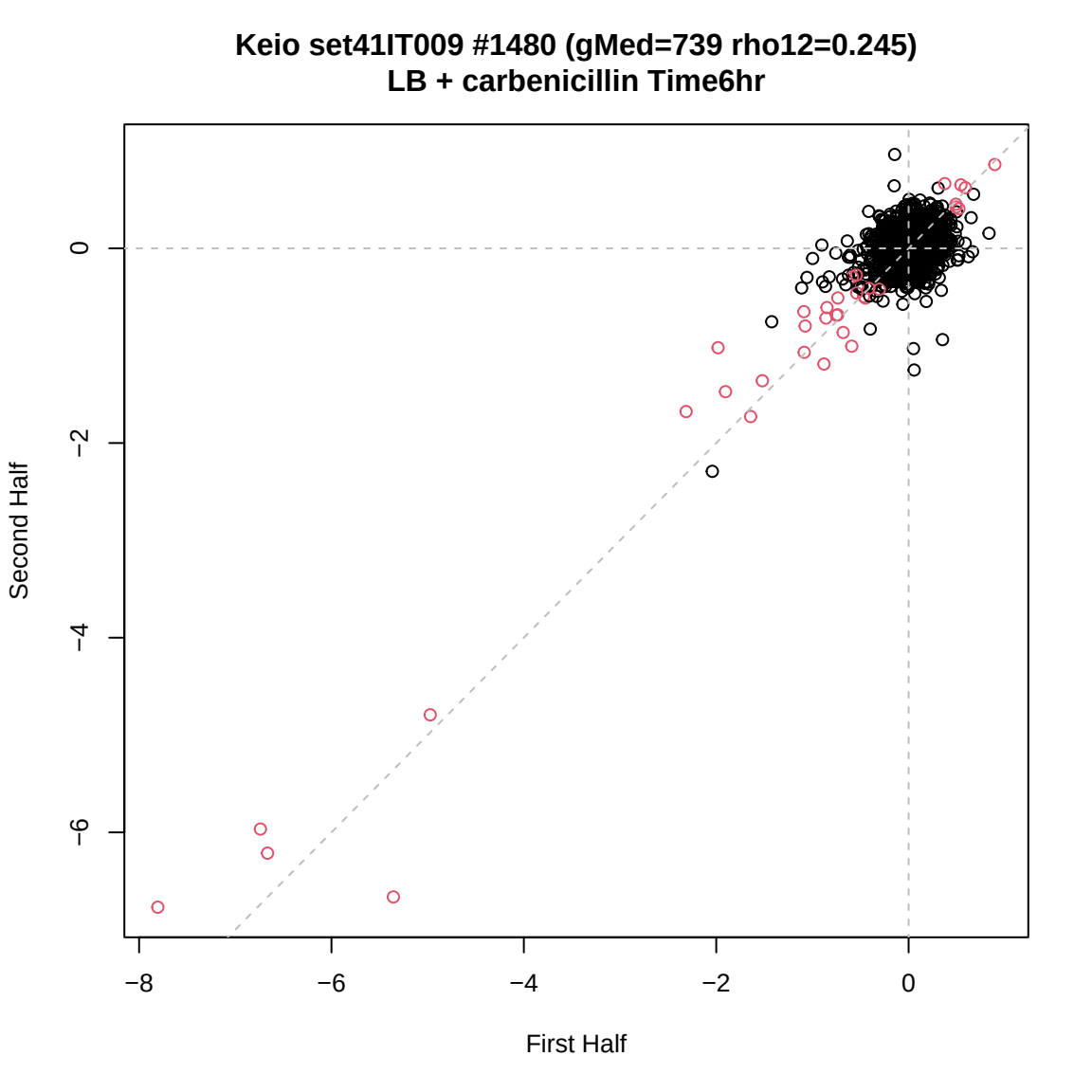

Keio set41IT004 #1475 (gMed=701 rho12=0.178)
LB Time3hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

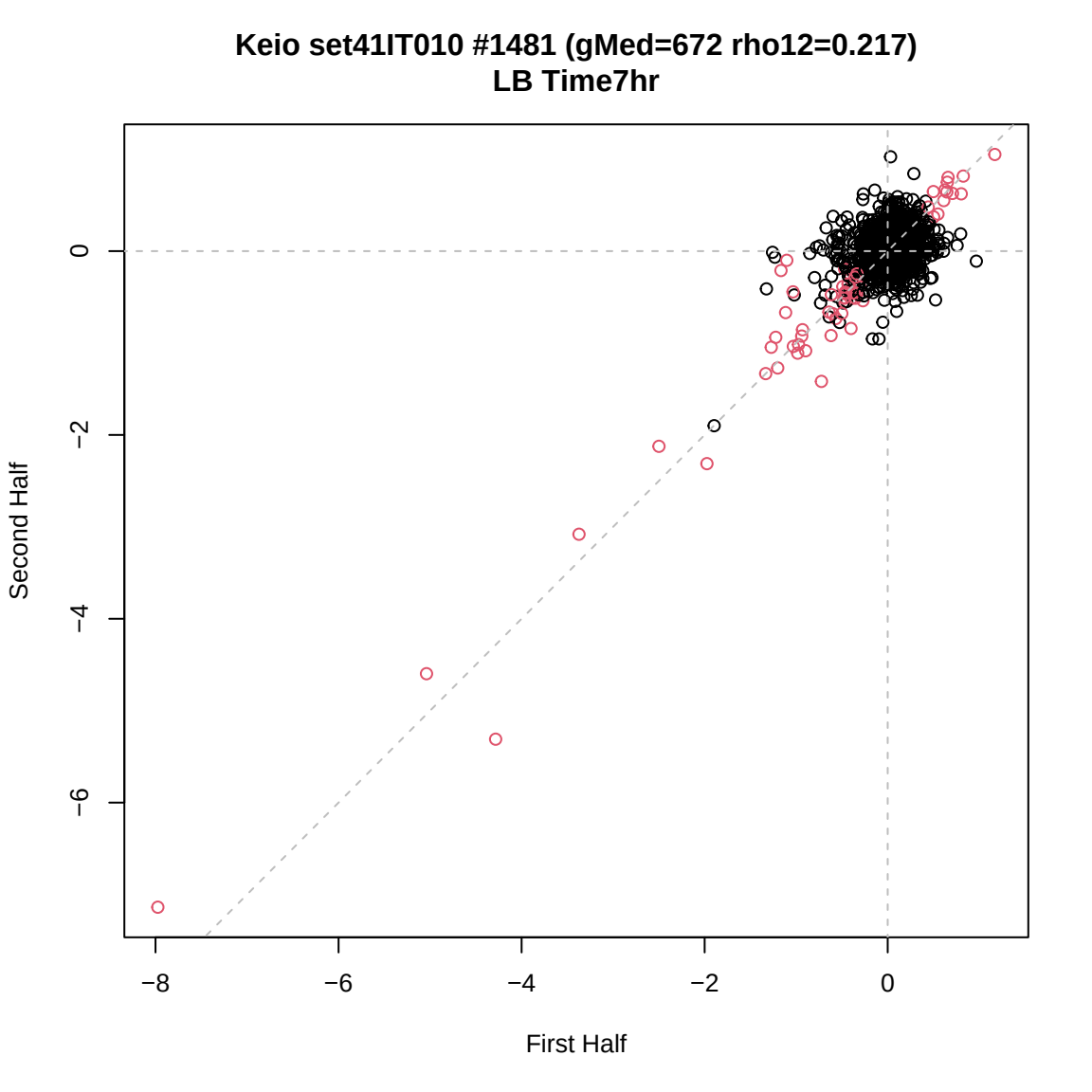

Keio set41IT005 #1476 (gMed=774 rho12=0.213)
LB + ciprofloxacin Time3hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

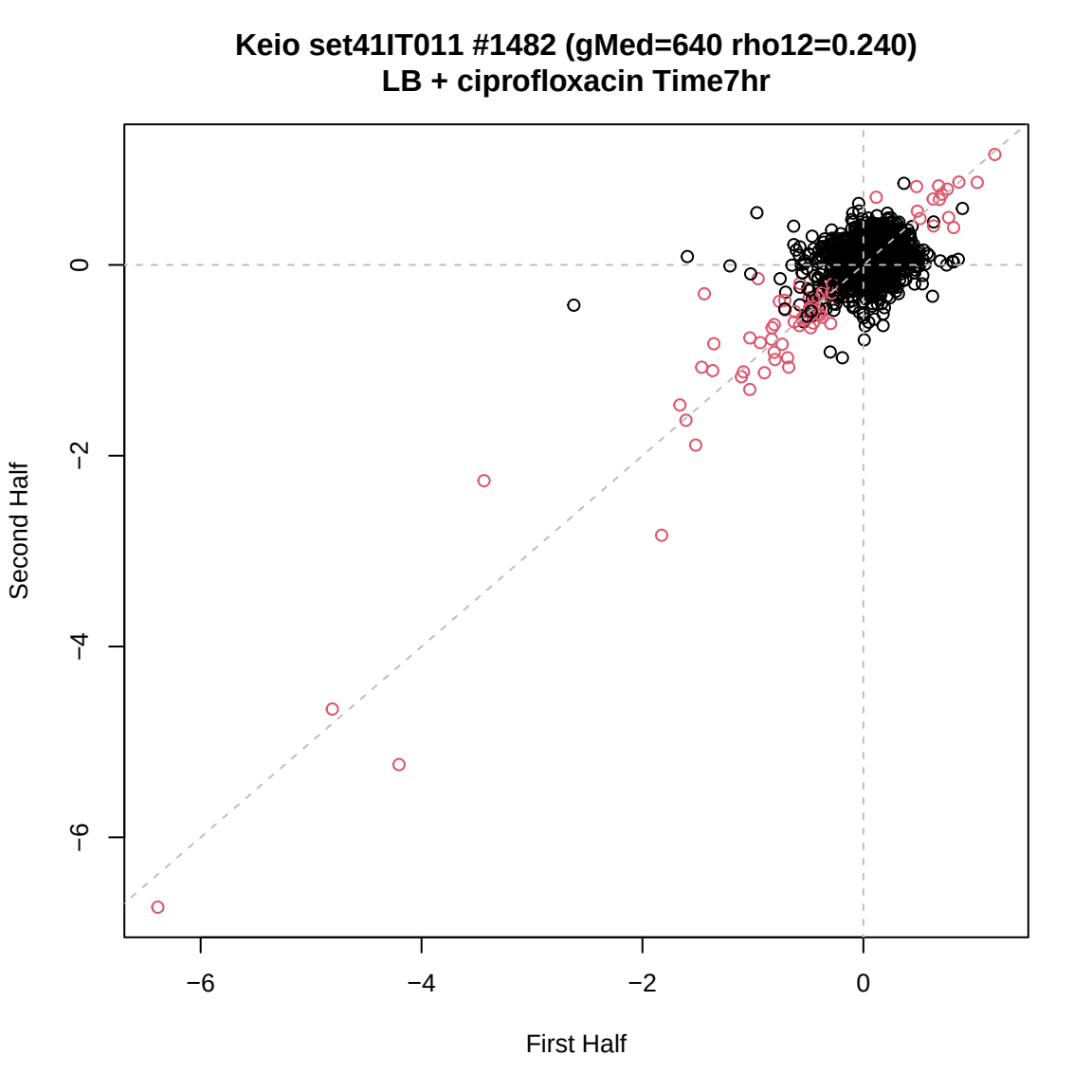

Keio set41IT006 #1477 (gMed=654 rho12=0.223)
LB + carbenicillin Time4hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

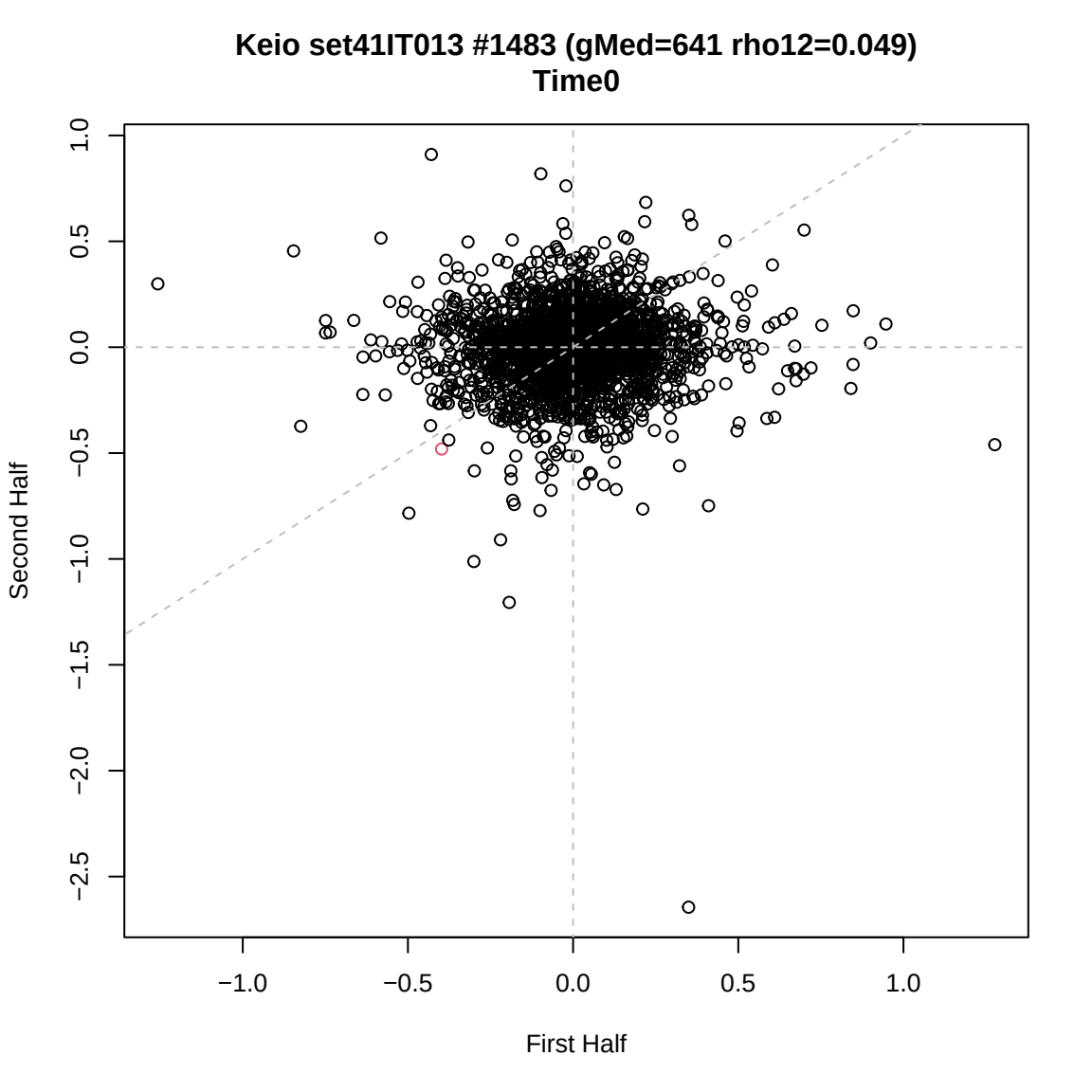

Keio set41IT007 #1478 (gMed=732 rho12=0.266)
LB Time5hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

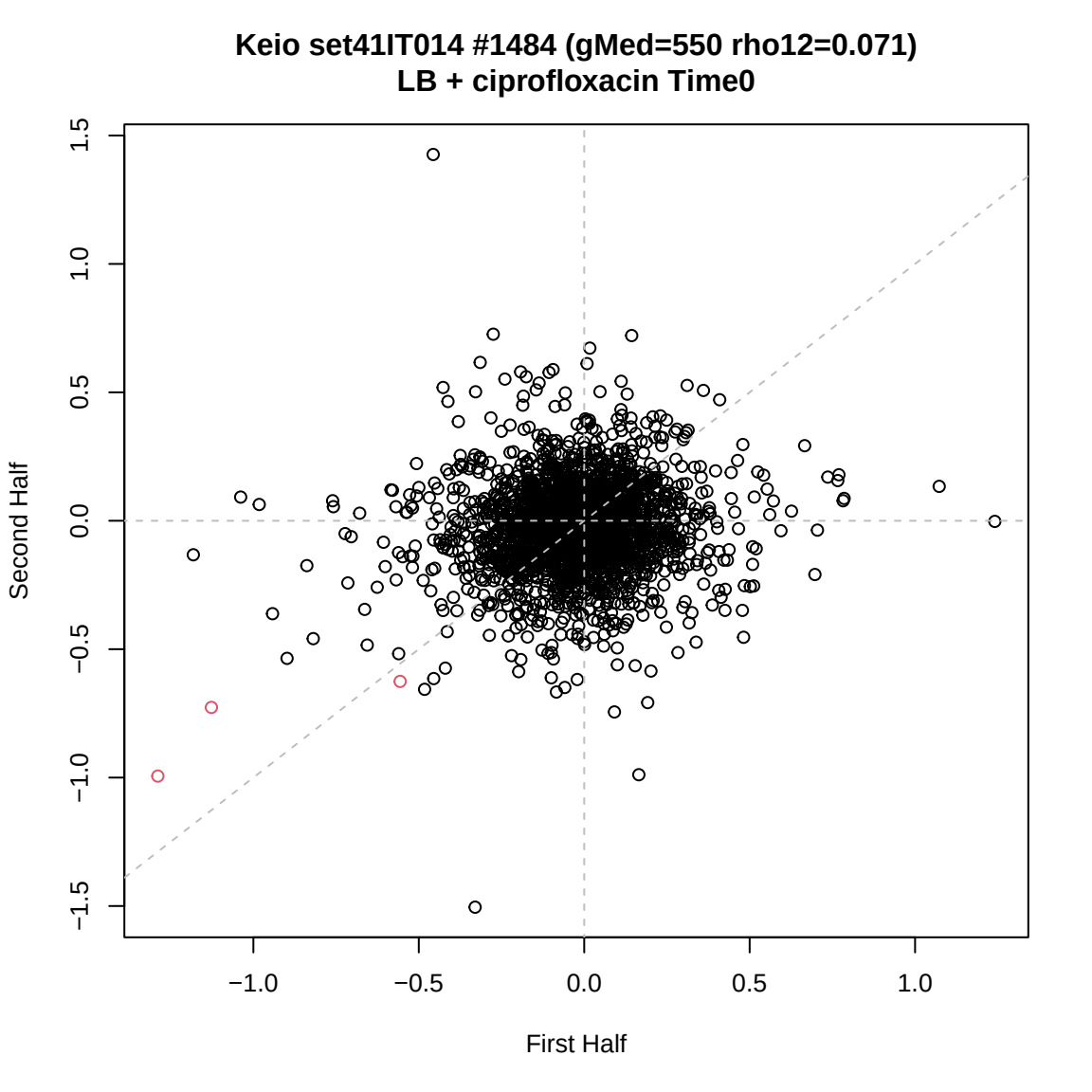

Keio set41IT008 #1479 (gMed=791 rho12=0.214)
LB + ciprofloxacin Time5hr
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

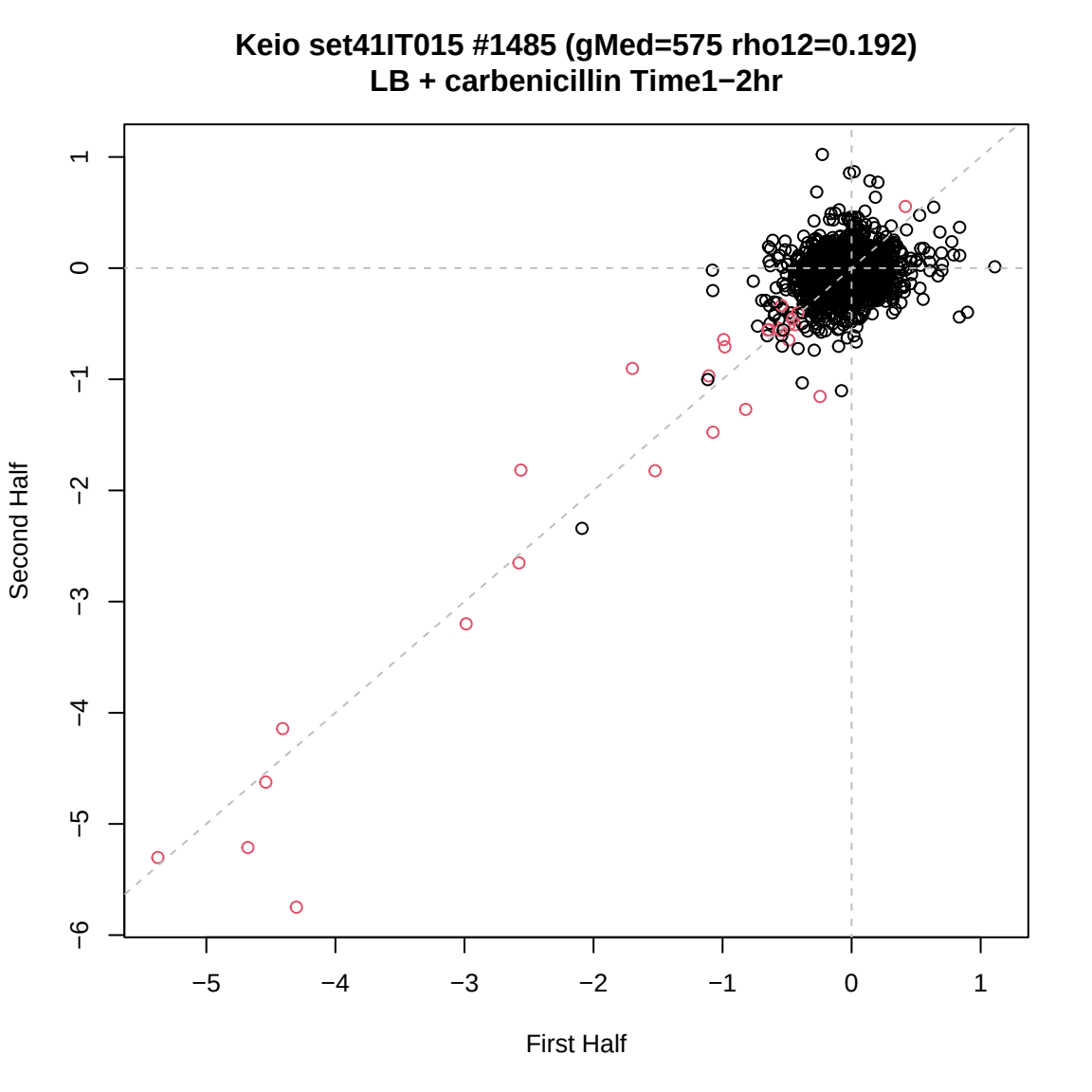

Keio set41IT009 #1480 (gMed=739 rho12=0.245)
LB + carbenicillin Time6hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

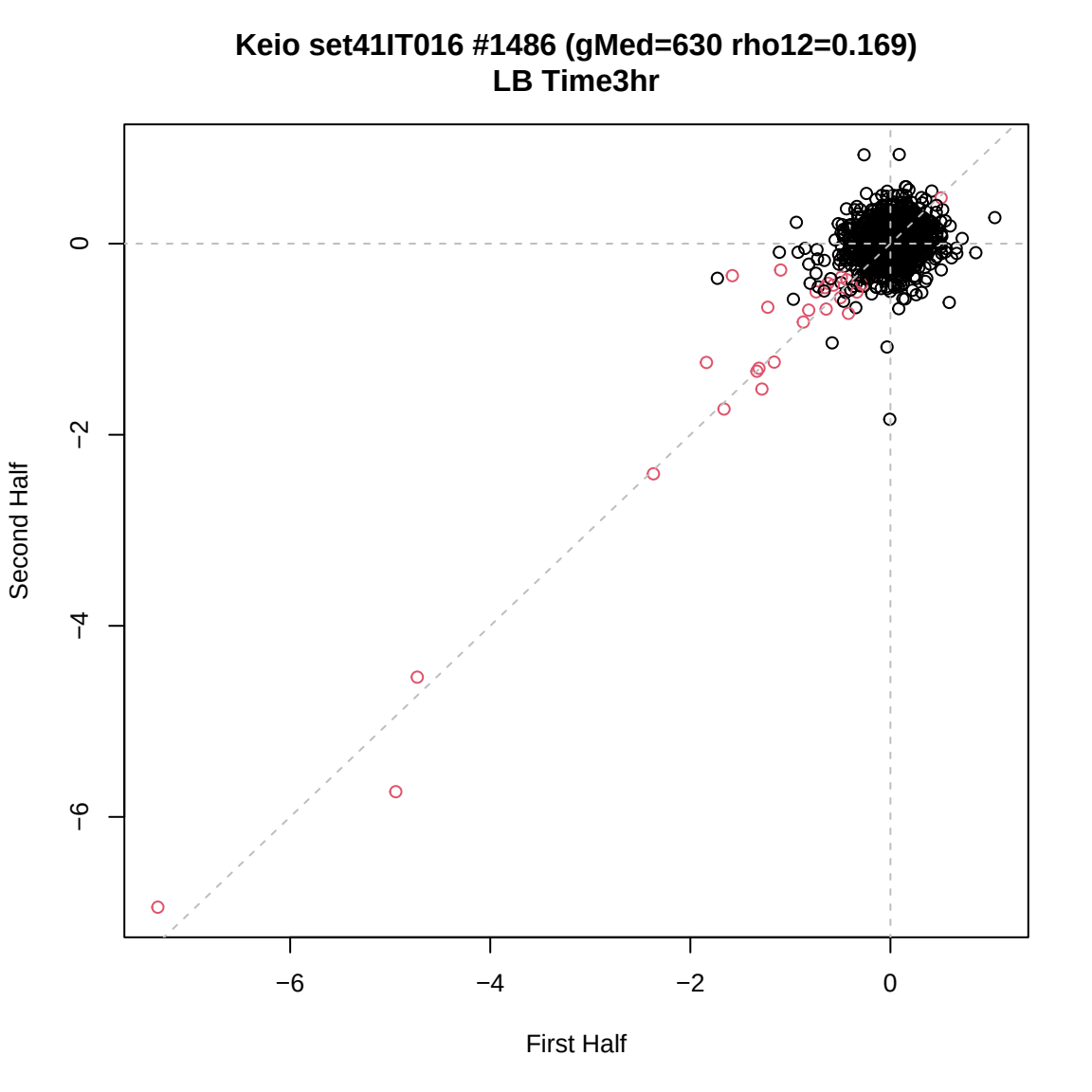

Keio set41IT010 #1481 (gMed=672 rho12=0.217)
LB Time7hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

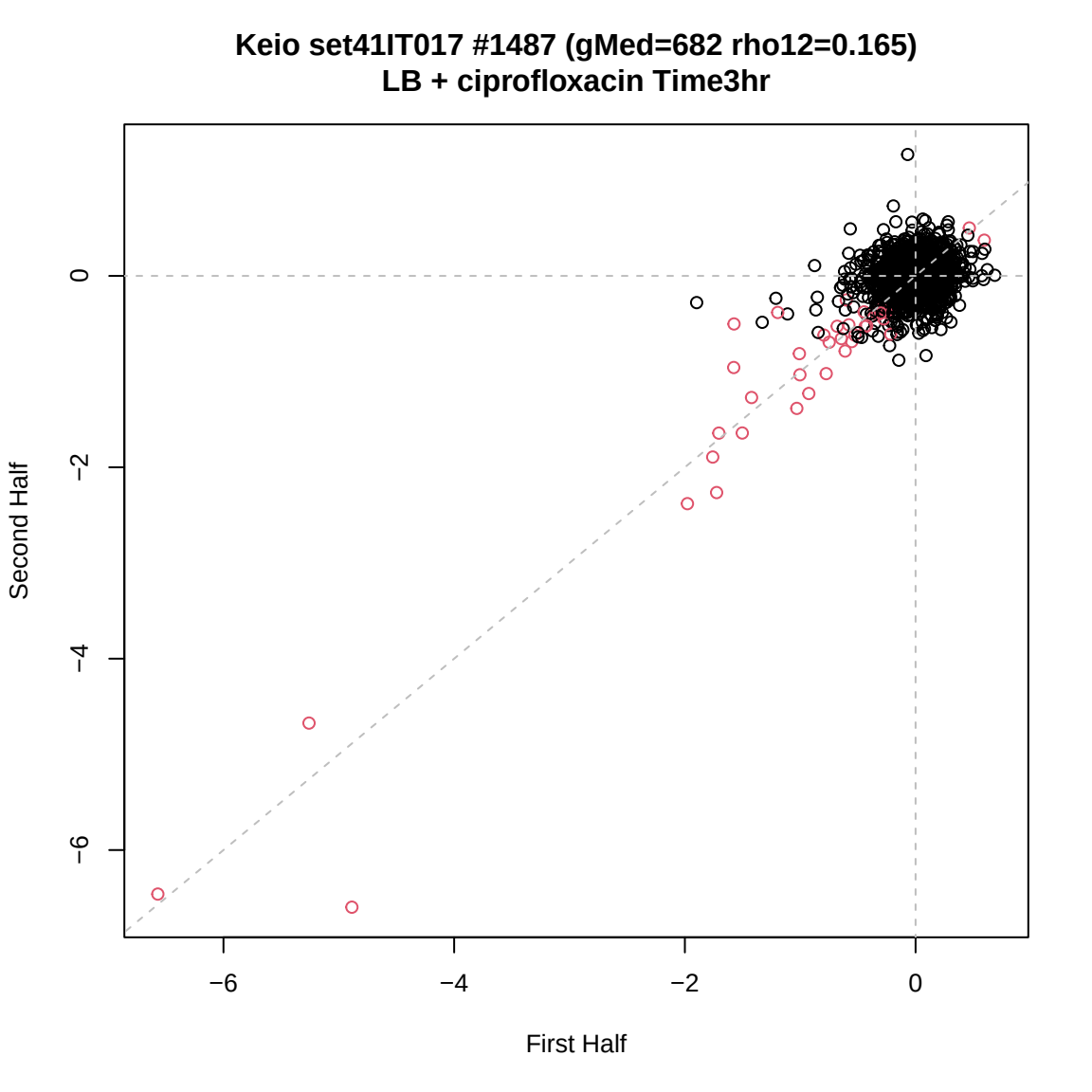

Keio set41IT011 #1482 (gMed=640 rho12=0.240)
LB + ciprofloxacin Time7hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

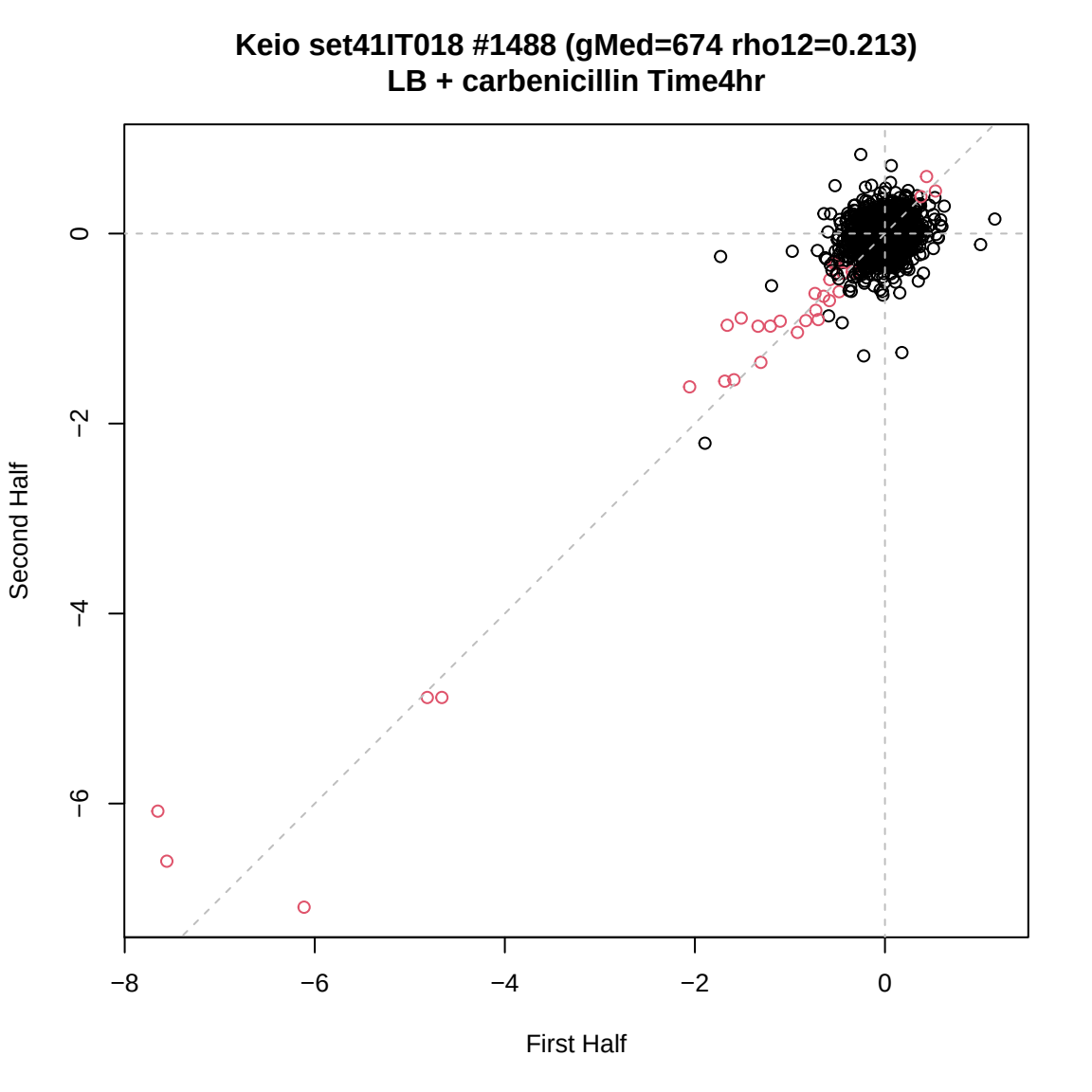

Keio set41IT013 #1483 (gMed=641 rho12=0.049)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−1.0
−0.5
0.0
0.5
1.0

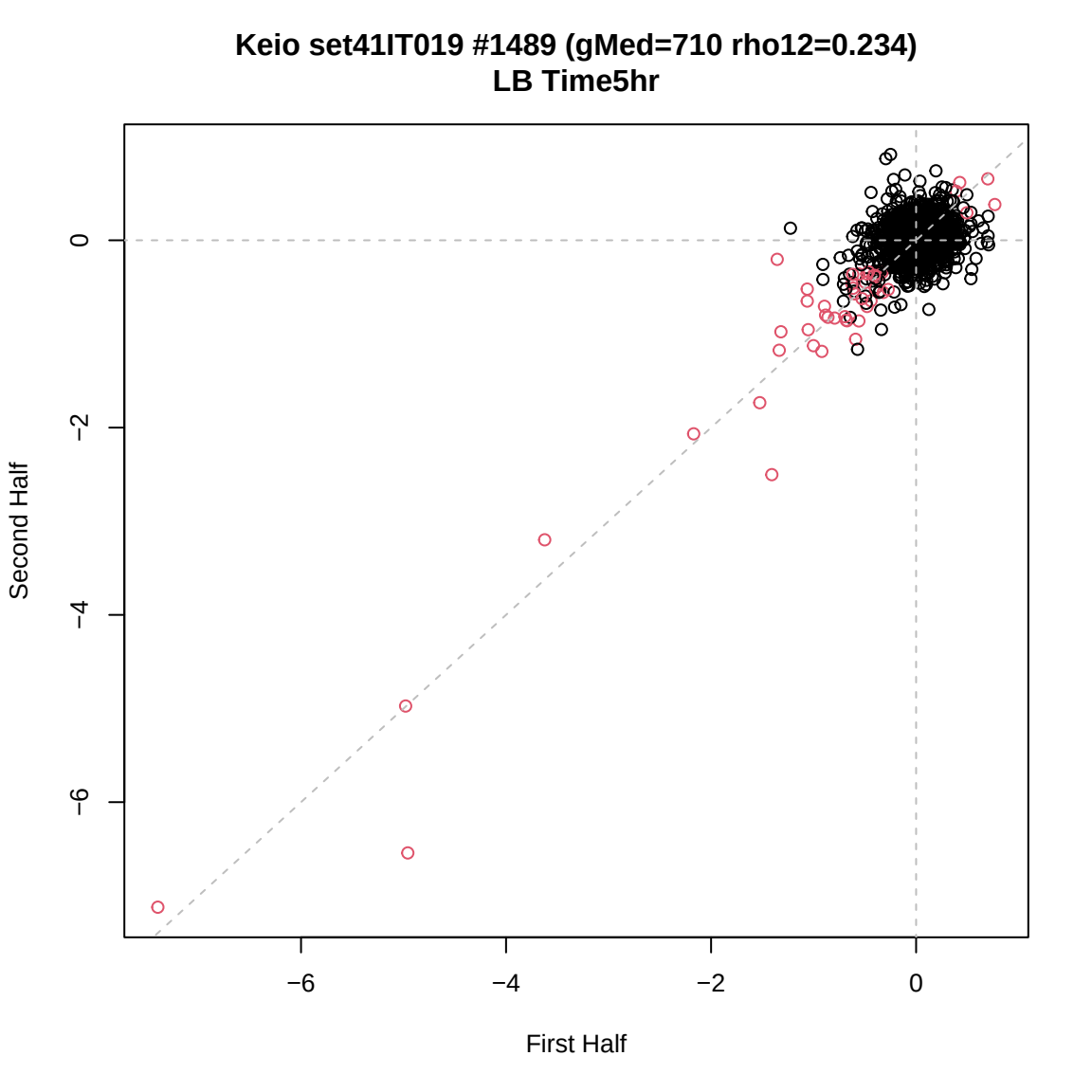

Keio set41IT014 #1484 (gMed=550 rho12=0.071)
LB + ciprofloxacin Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

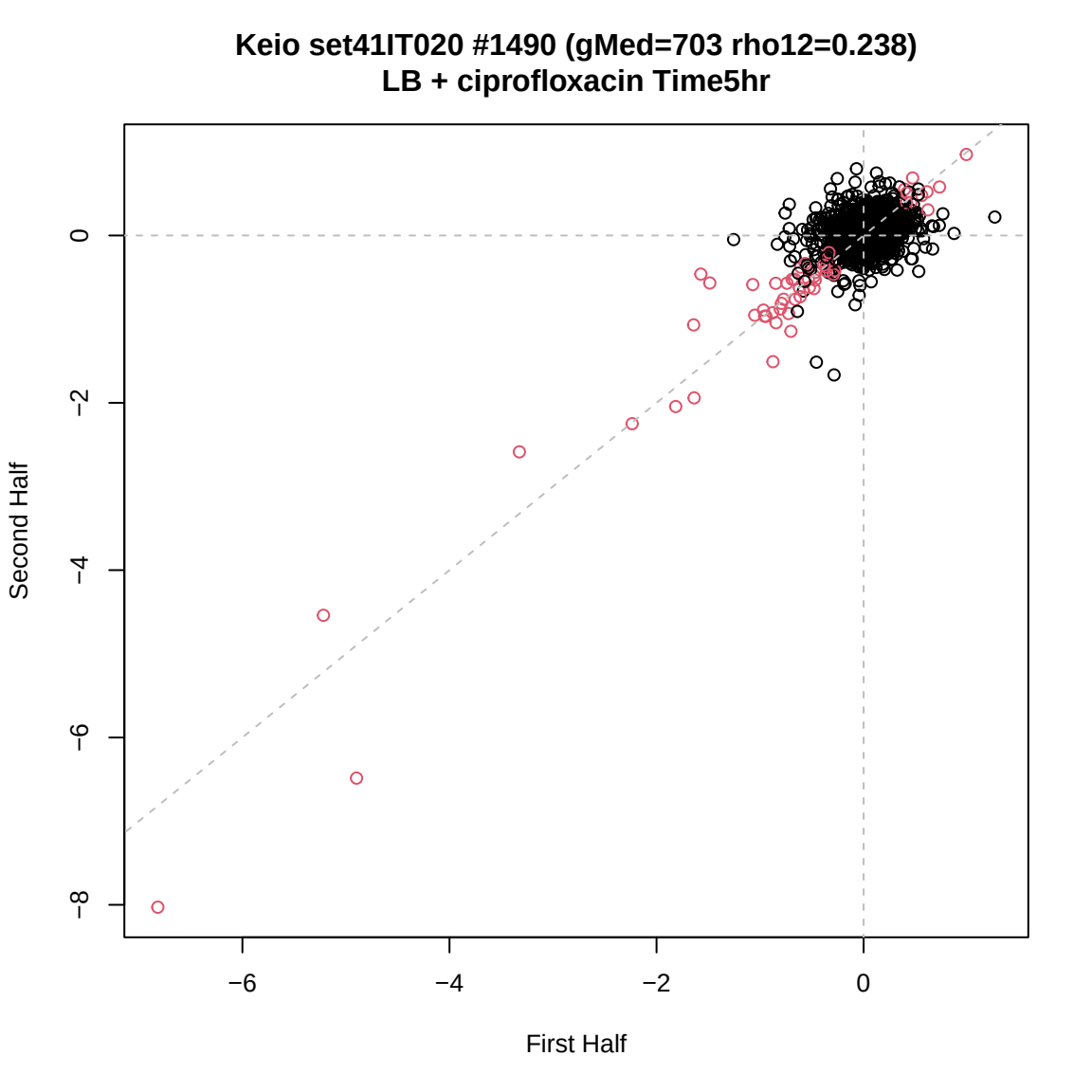

Keio set41IT015 #1485 (gMed=575 rho12=0.192)
LB + carbenicillin Time1−2hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

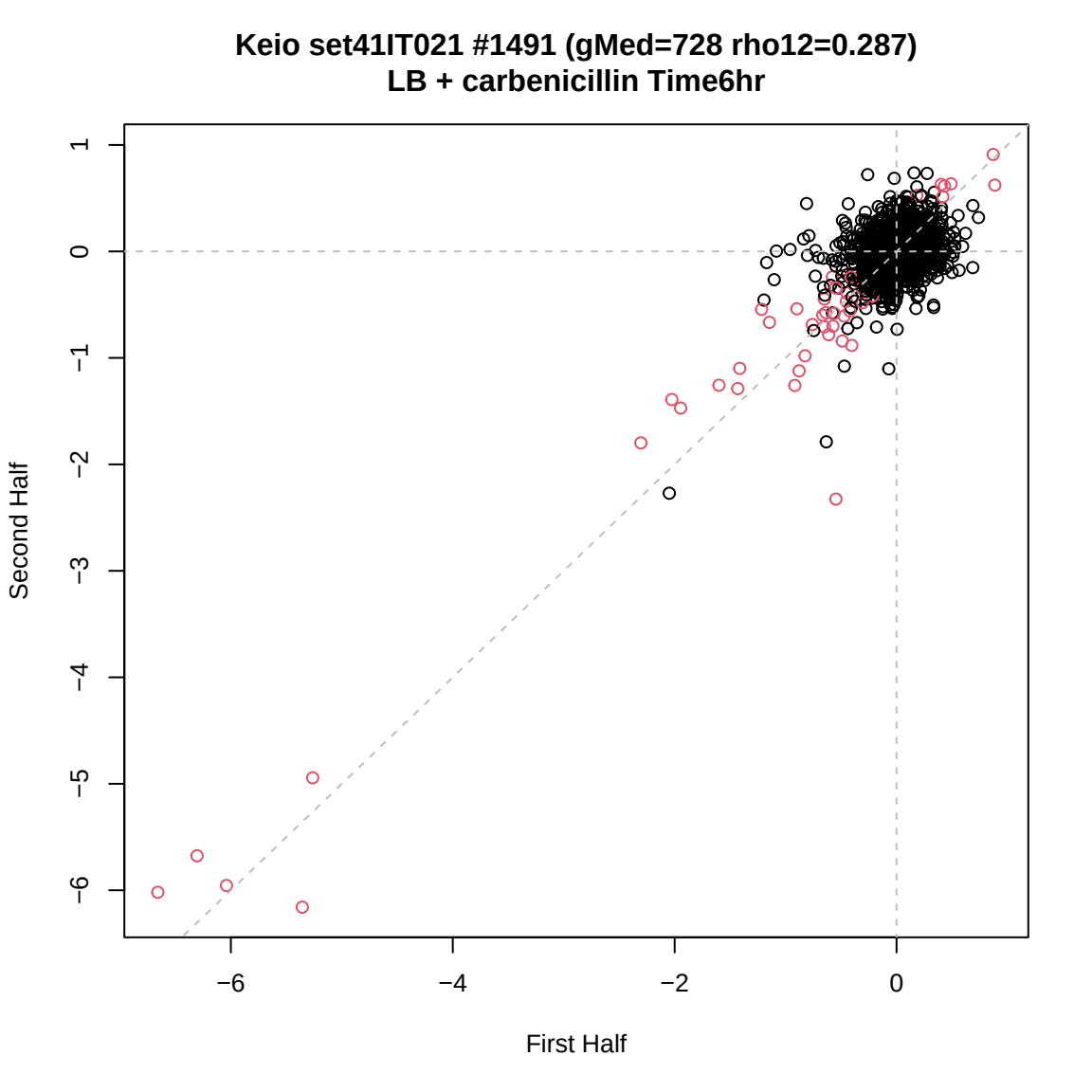

Keio set41IT016 #1486 (gMed=630 rho12=0.169)
LB Time3hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

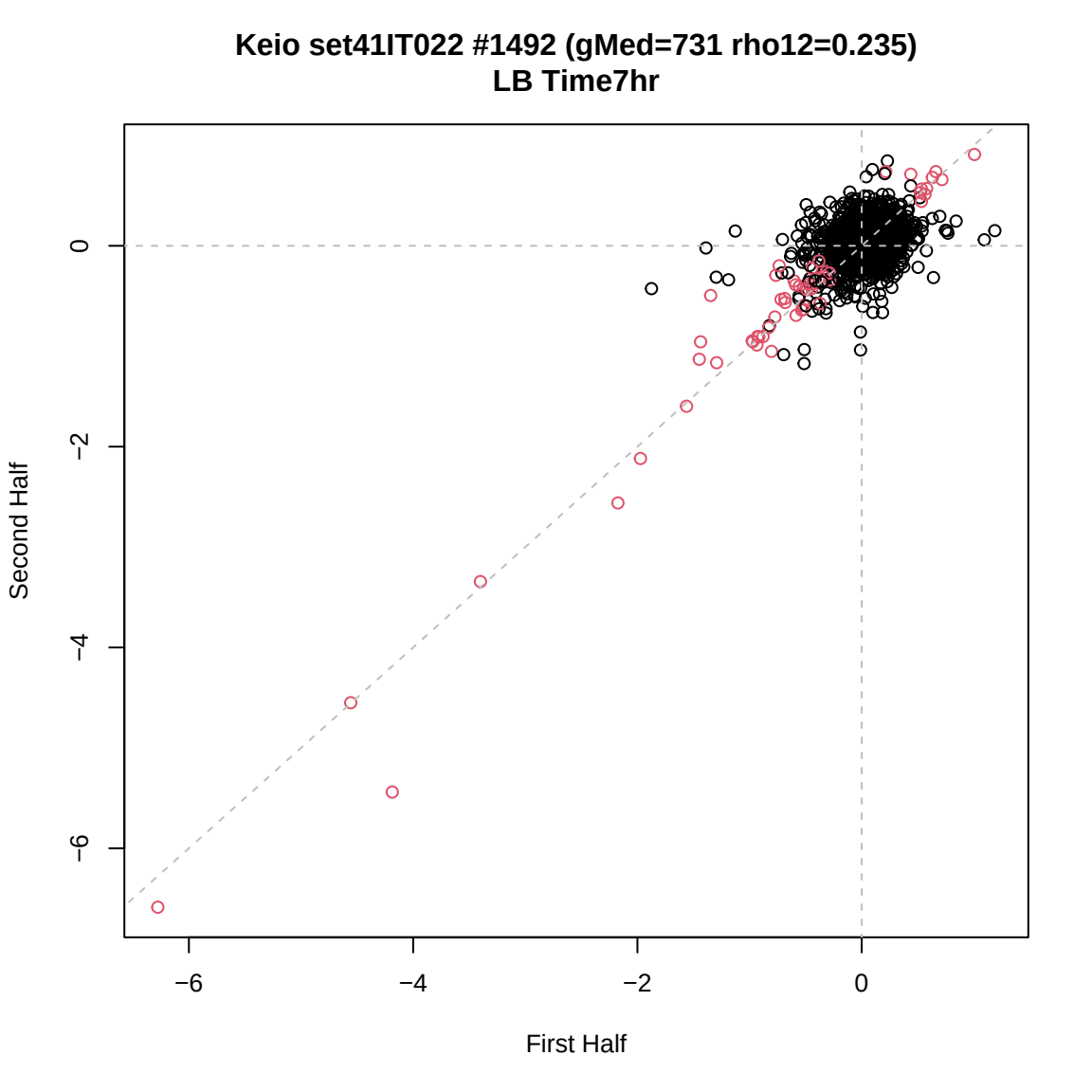

Keio set41IT017 #1487 (gMed=682 rho12=0.165)
LB + ciprofloxacin Time3hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

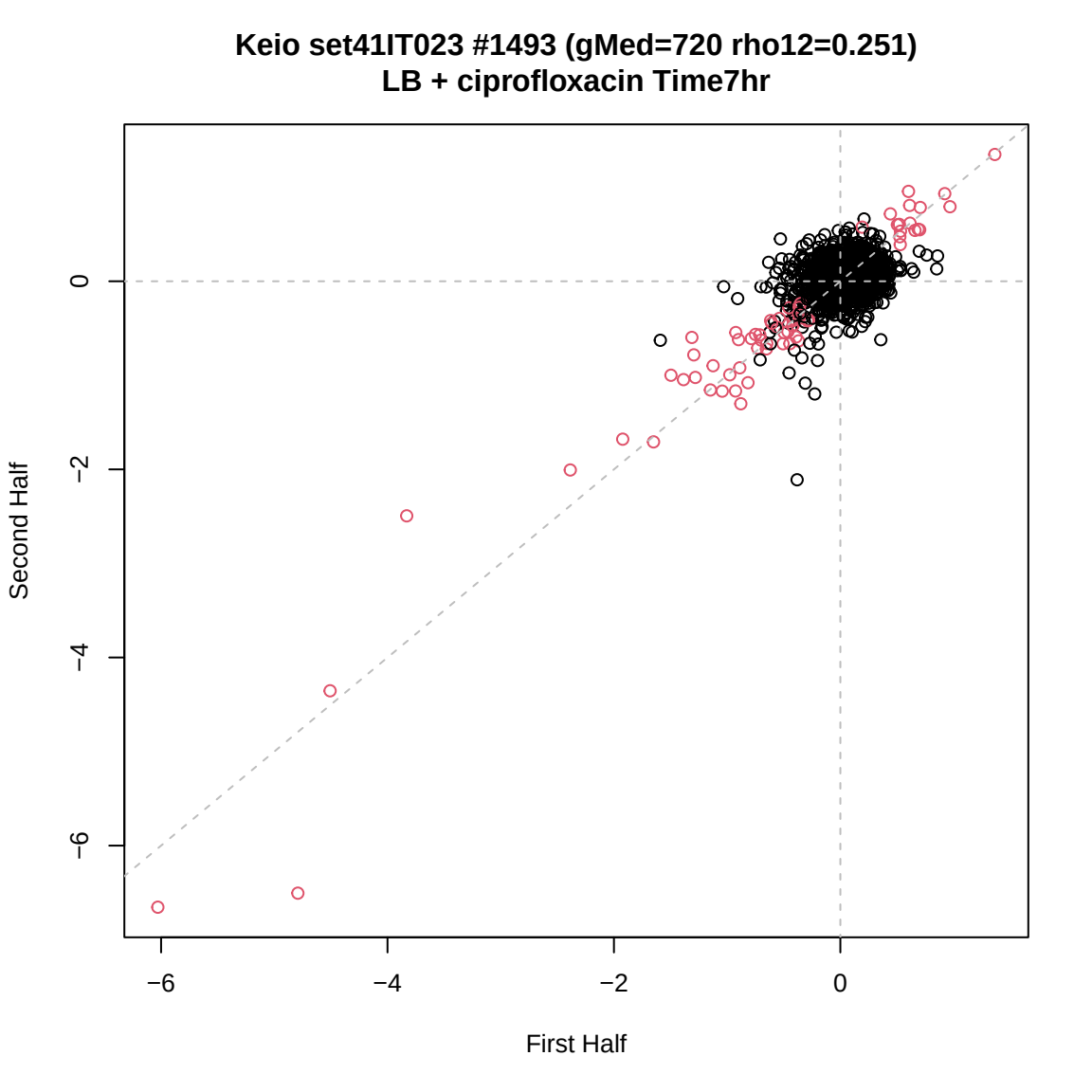

Keio set41IT018 #1488 (gMed=674 rho12=0.213)
LB + carbenicillin Time4hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

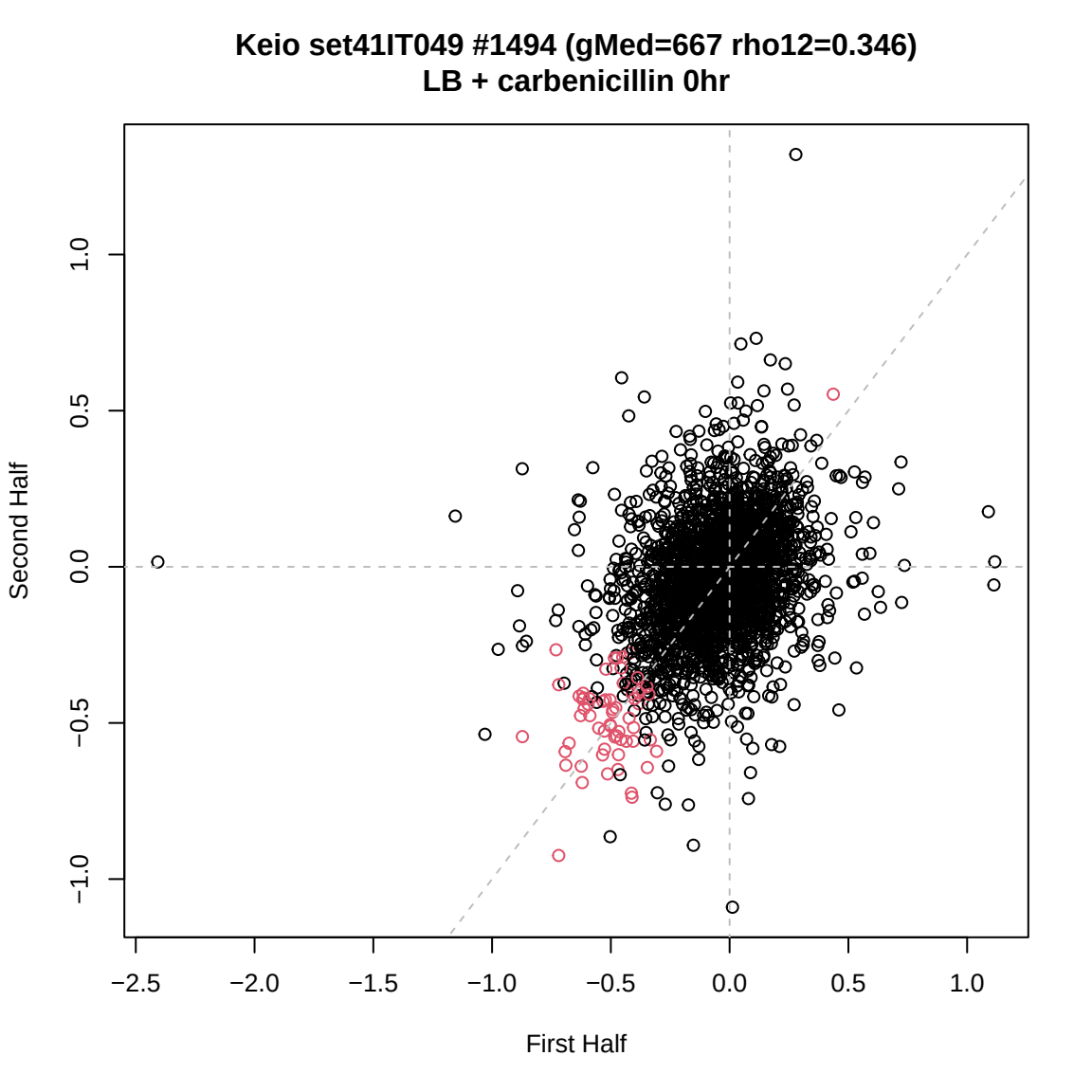

Keio set41IT019 #1489 (gMed=710 rho12=0.234)
LB Time5hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

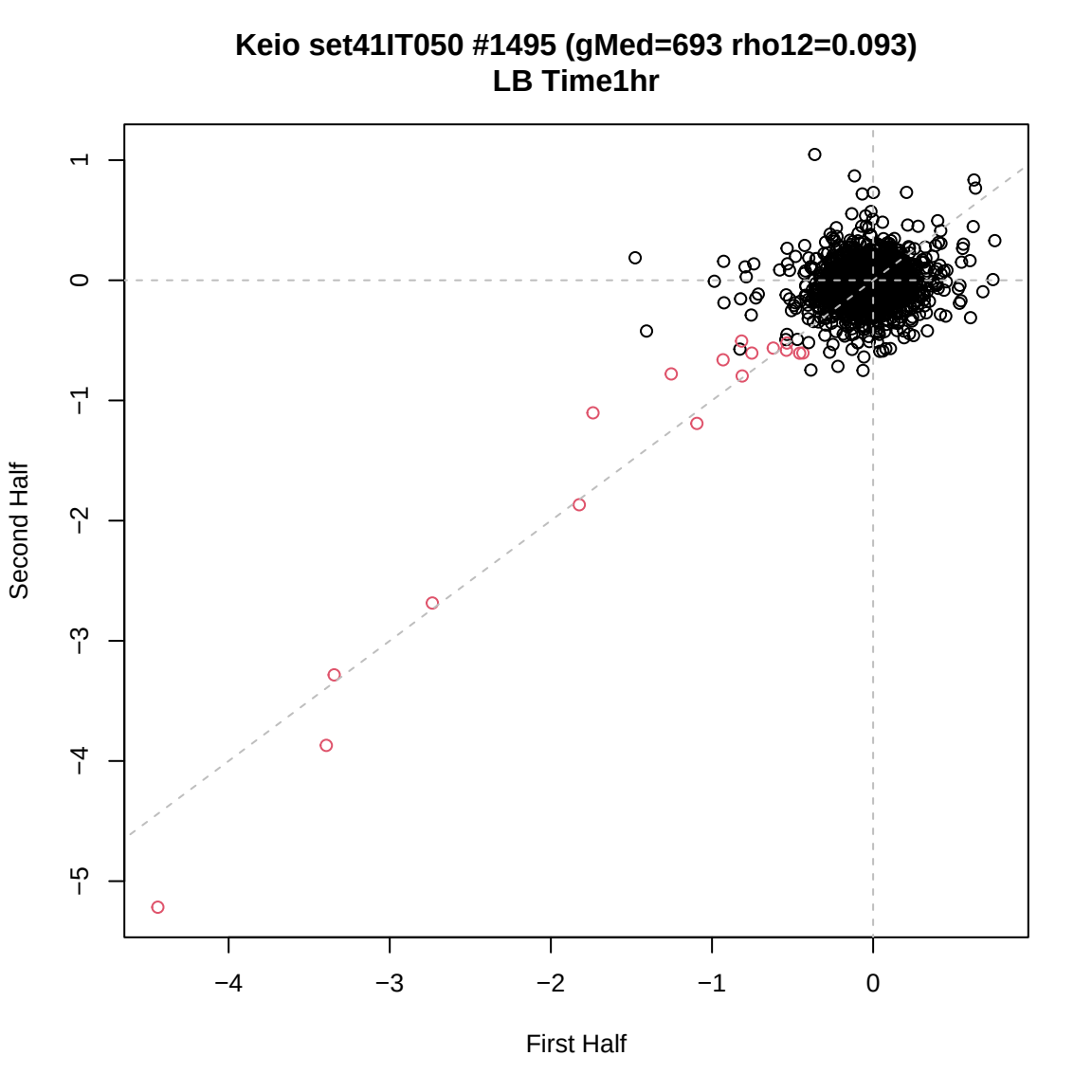

Keio set41IT020 #1490 (gMed=703 rho12=0.238)
LB + ciprofloxacin Time5hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

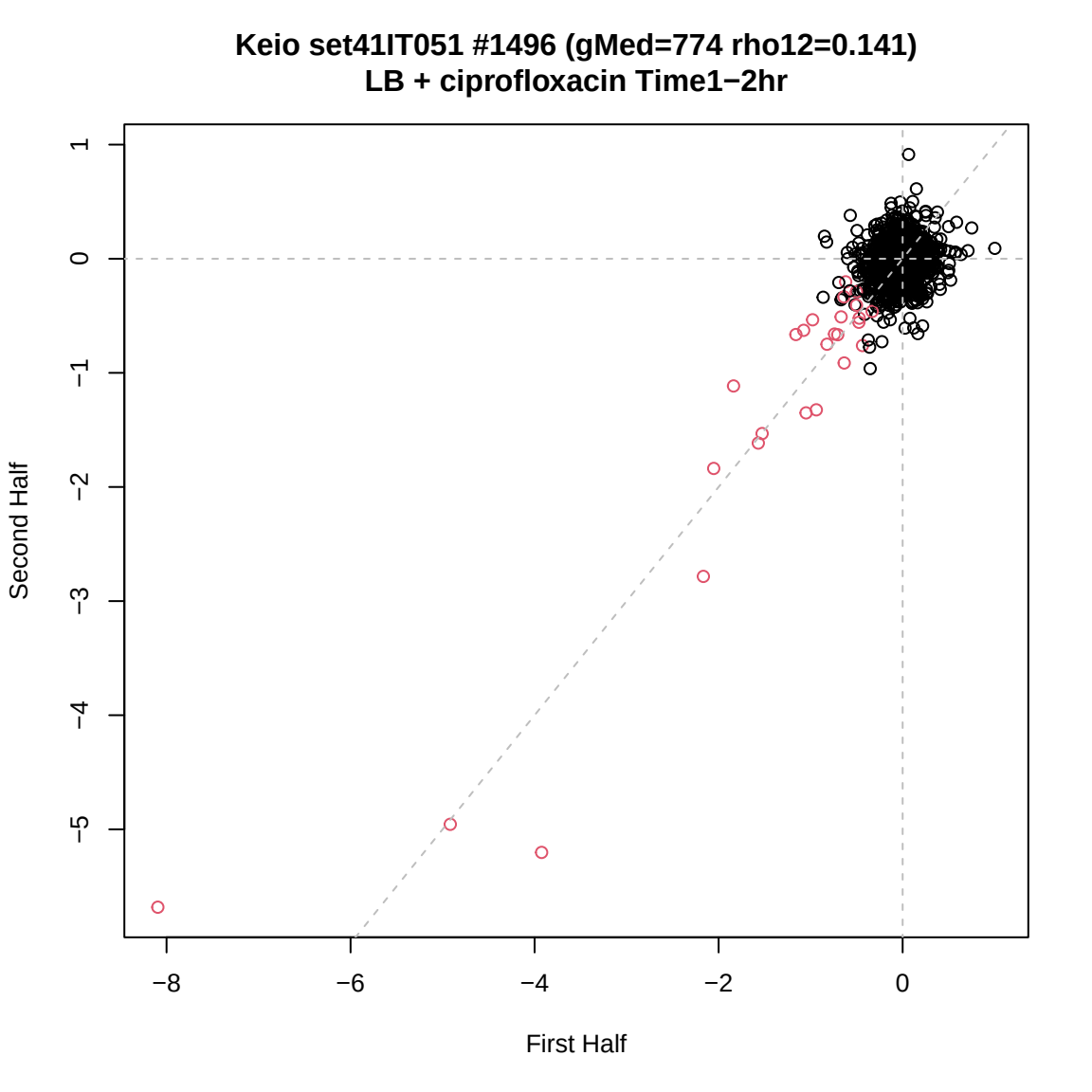

Keio set41IT021 #1491 (gMed=728 rho12=0.287)
LB + carbenicillin Time6hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

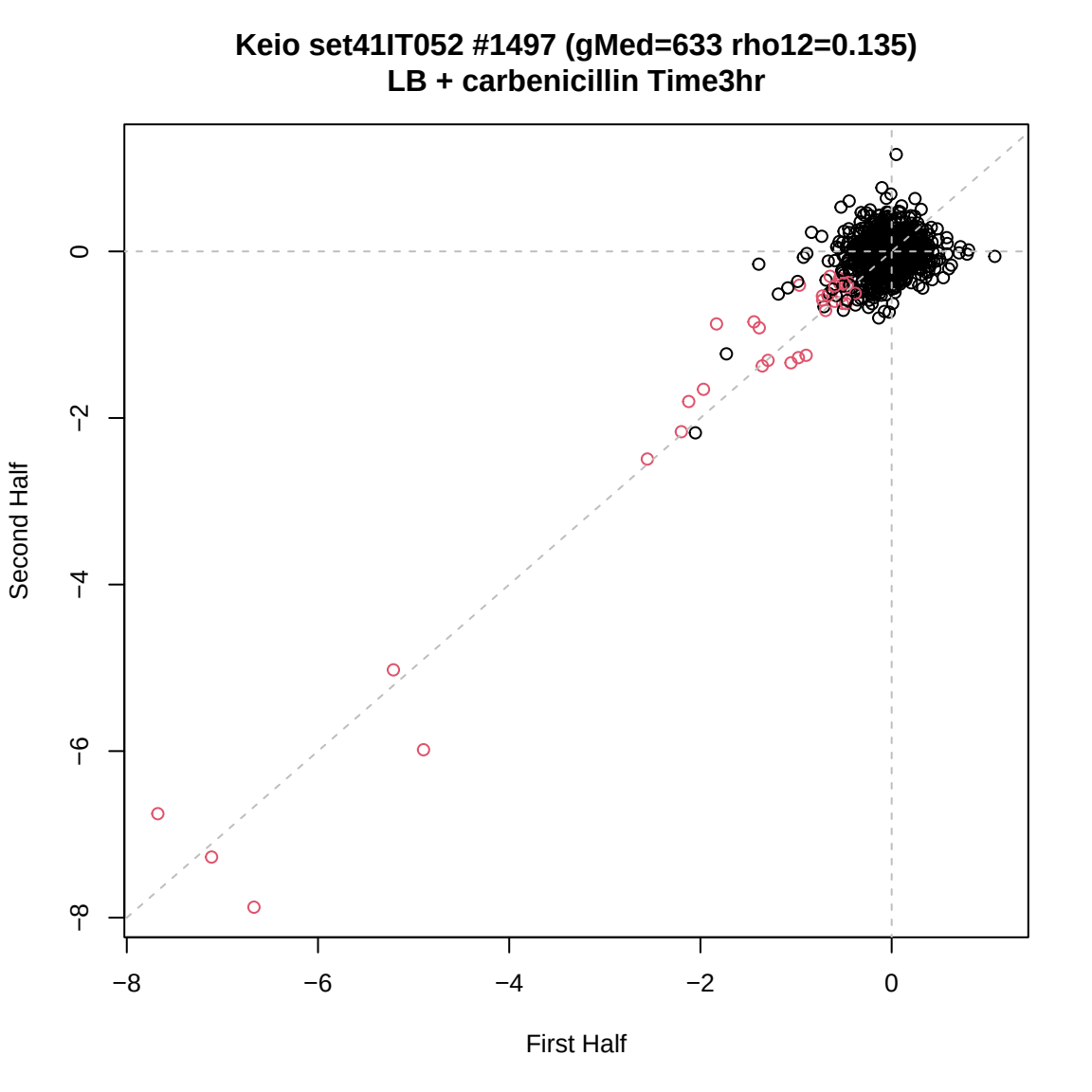

Keio set41IT022 #1492 (gMed=731 rho12=0.235)
LB Time7hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

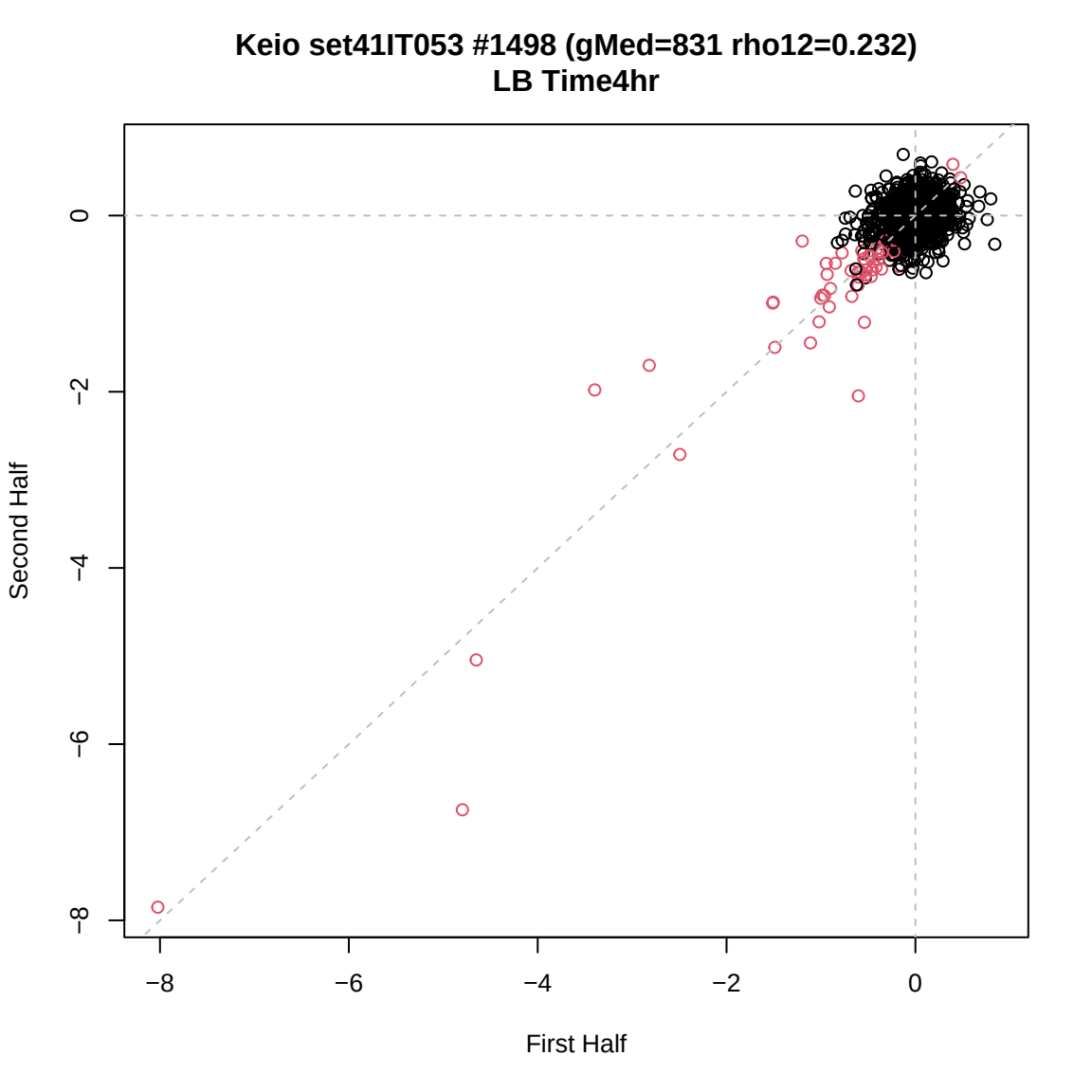

Keio set41IT023 #1493 (gMed=720 rho12=0.251)
LB + ciprofloxacin Time7hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

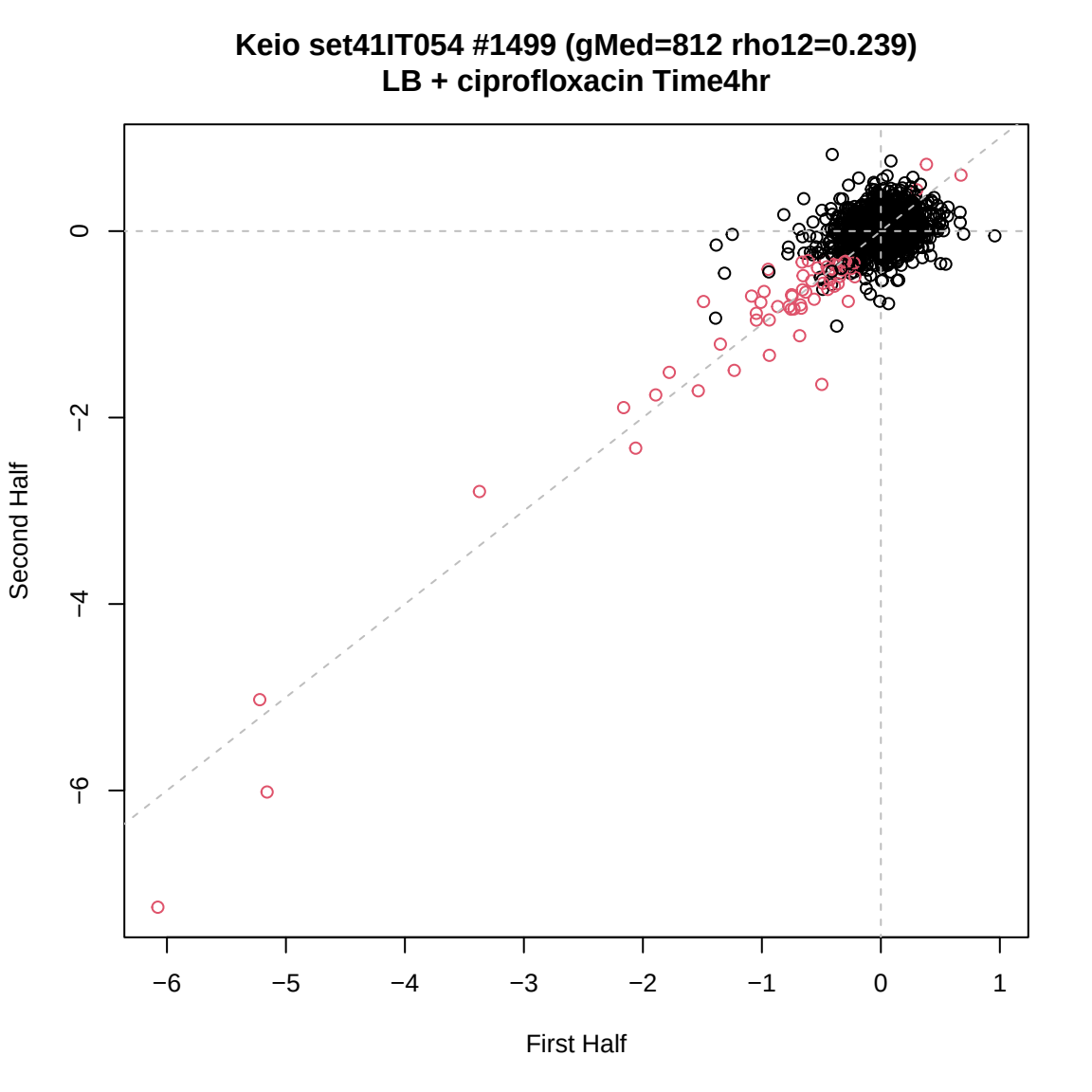

Keio set41IT049 #1494 (gMed=667 rho12=0.346)
LB + carbenicillin 0hr
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

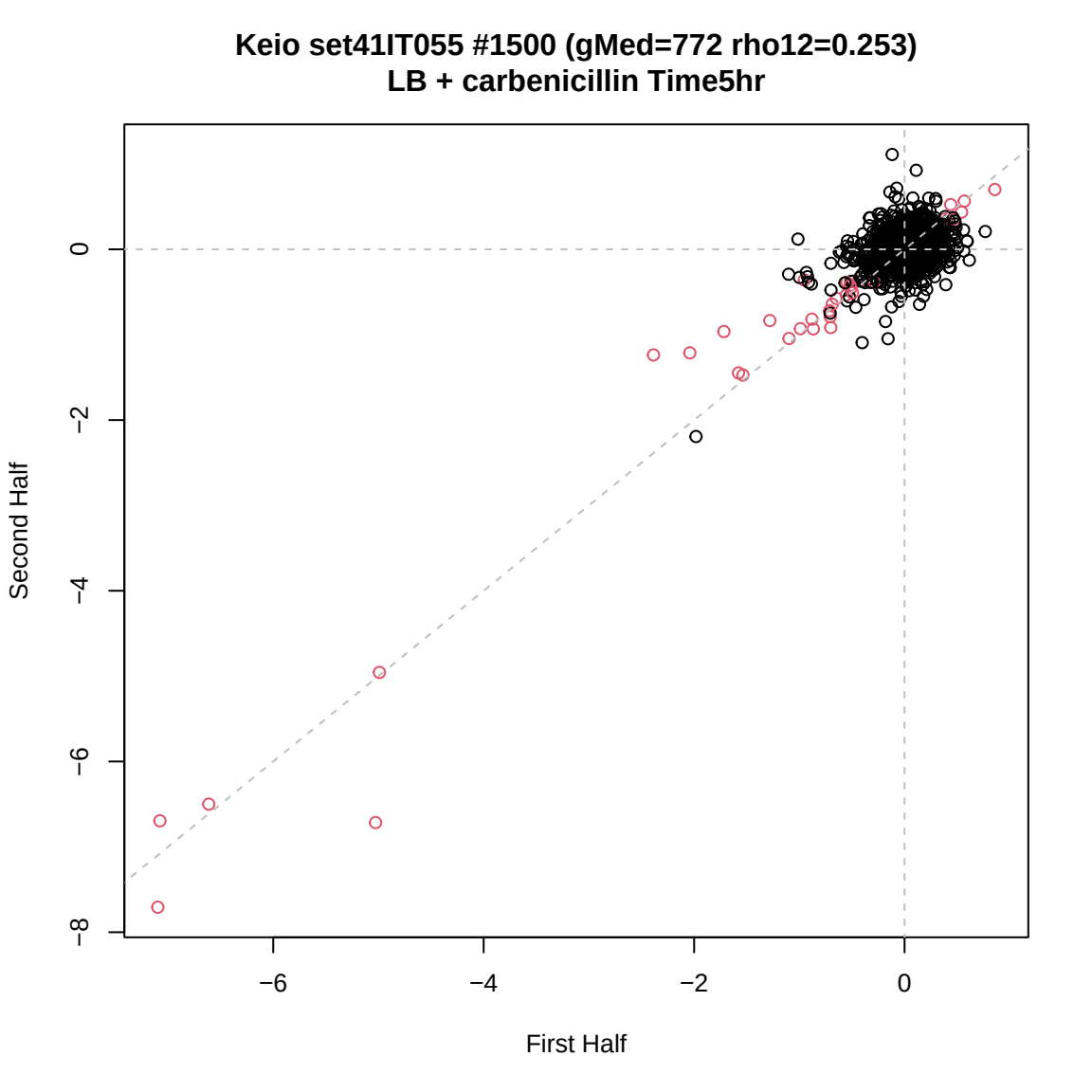

Keio set41IT050 #1495 (gMed=693 rho12=0.093)
LB Time1hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0

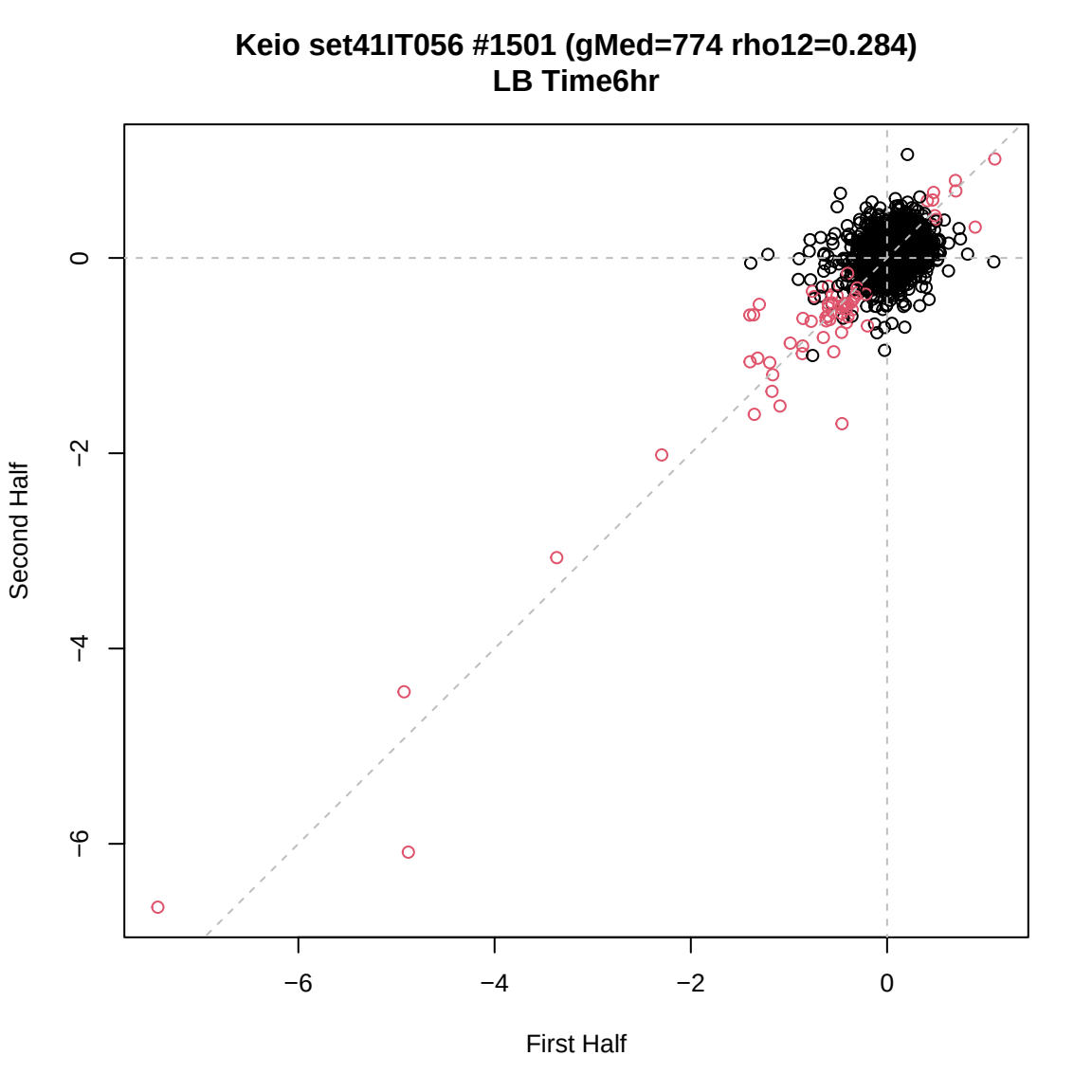

Keio set41IT051 #1496 (gMed=774 rho12=0.141)
LB + ciprofloxacin Time1−2hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−8
−6
−4
−2
0

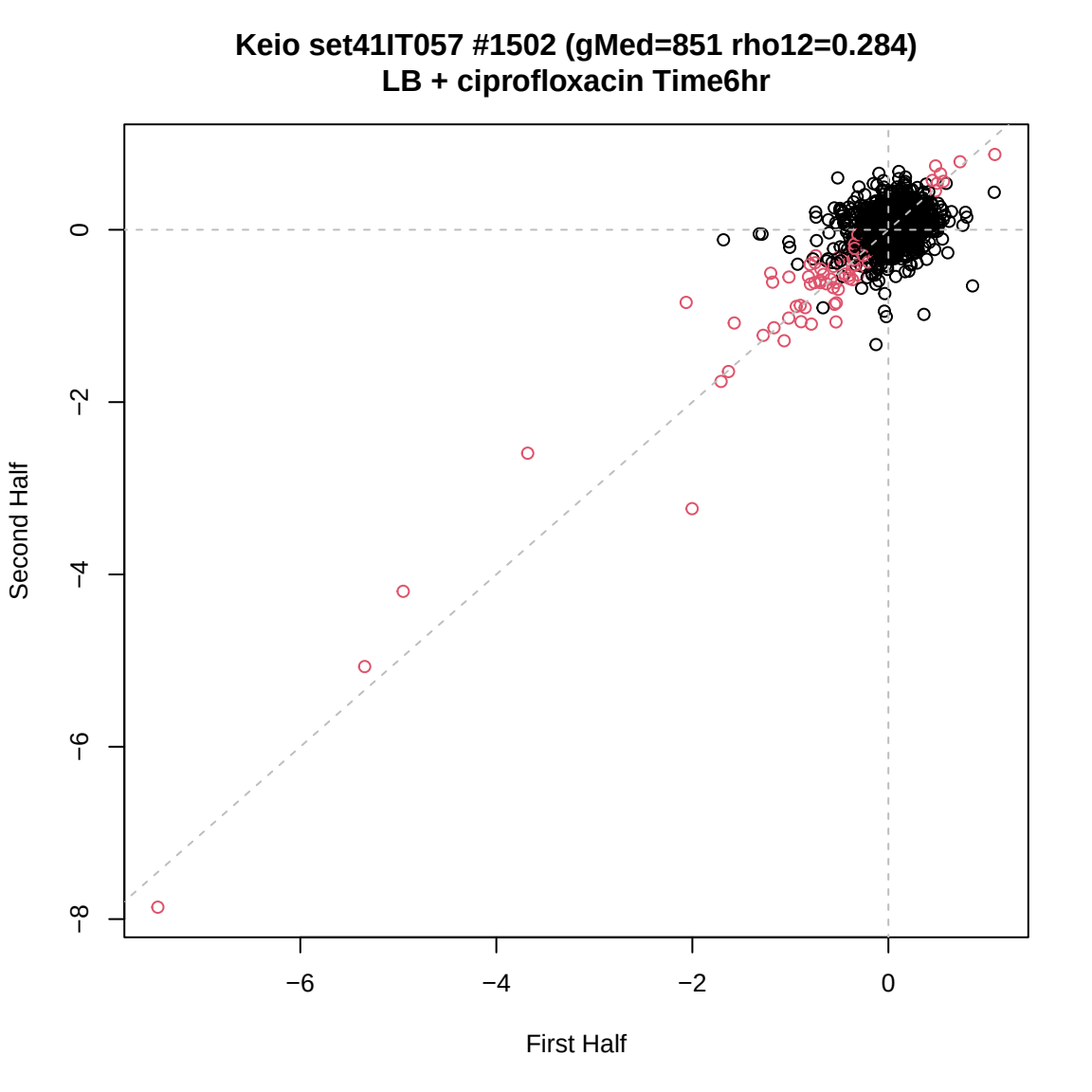

Keio set41IT052 #1497 (gMed=633 rho12=0.135)
LB + carbenicillin Time3hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

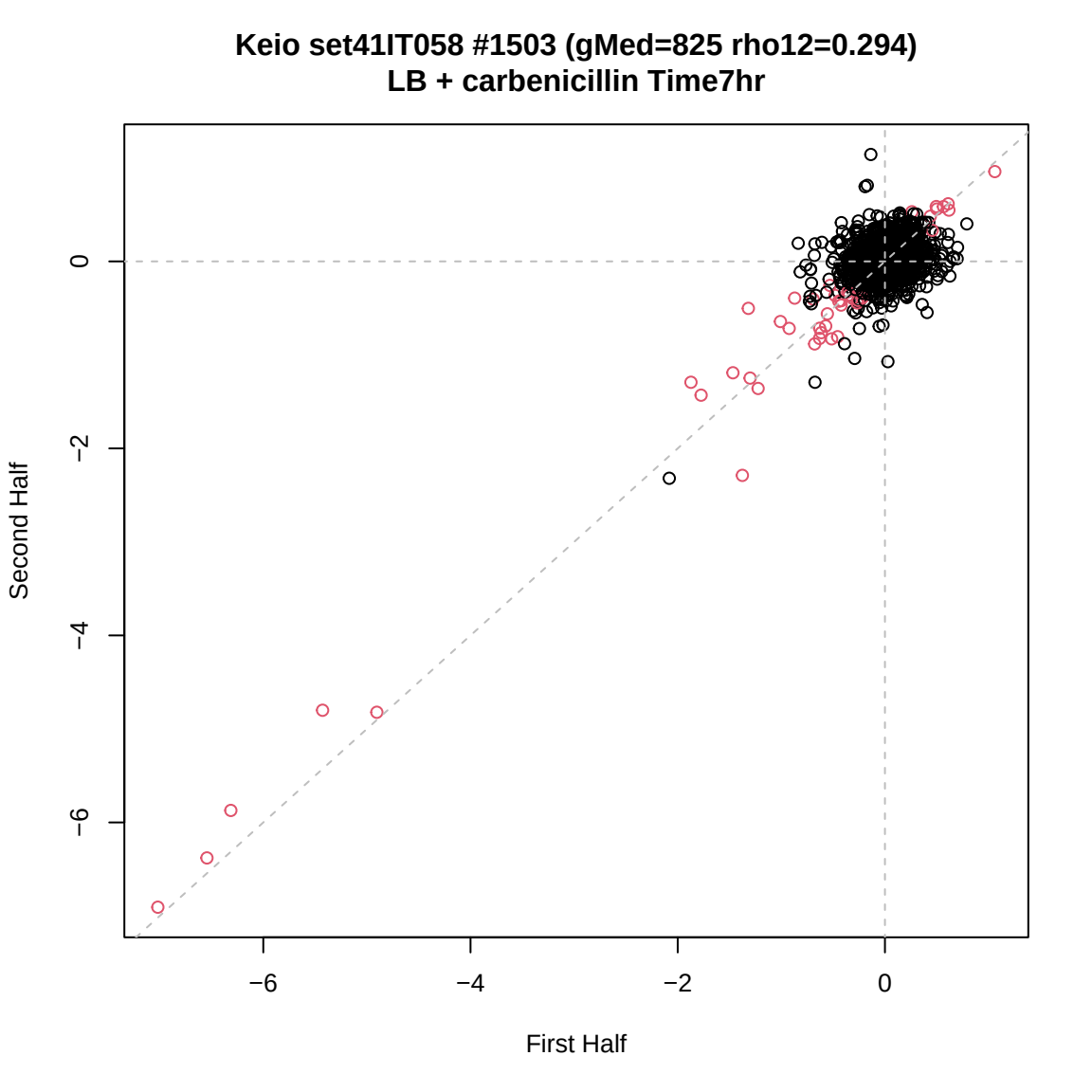

Keio set41IT053 #1498 (gMed=831 rho12=0.232)
LB Time4hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

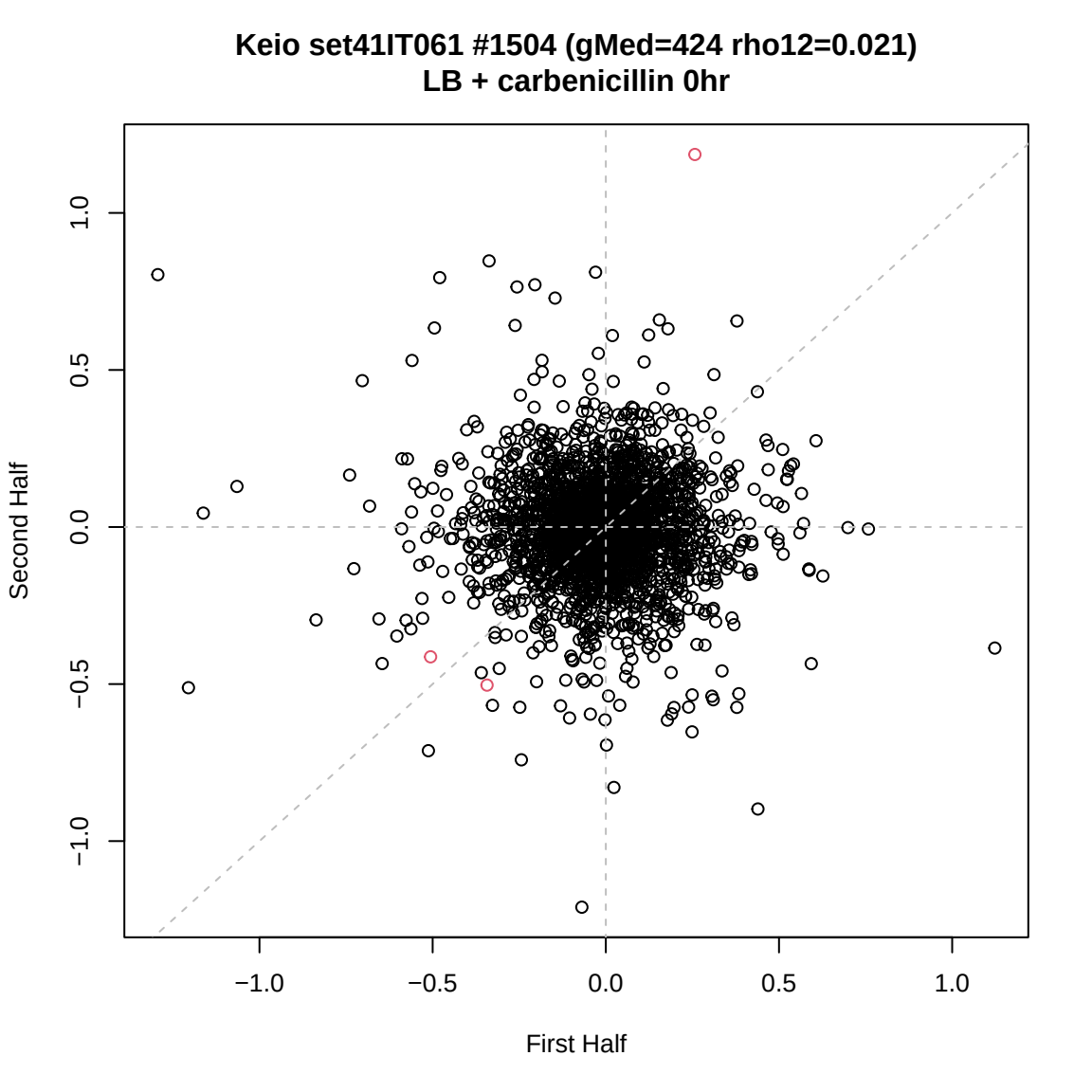

Keio set41IT054 #1499 (gMed=812 rho12=0.239)
LB + ciprofloxacin Time4hr
Second Half
First Half
0
−2
−4
−6
−6
−5
−4
−3
−2
−1
0
1

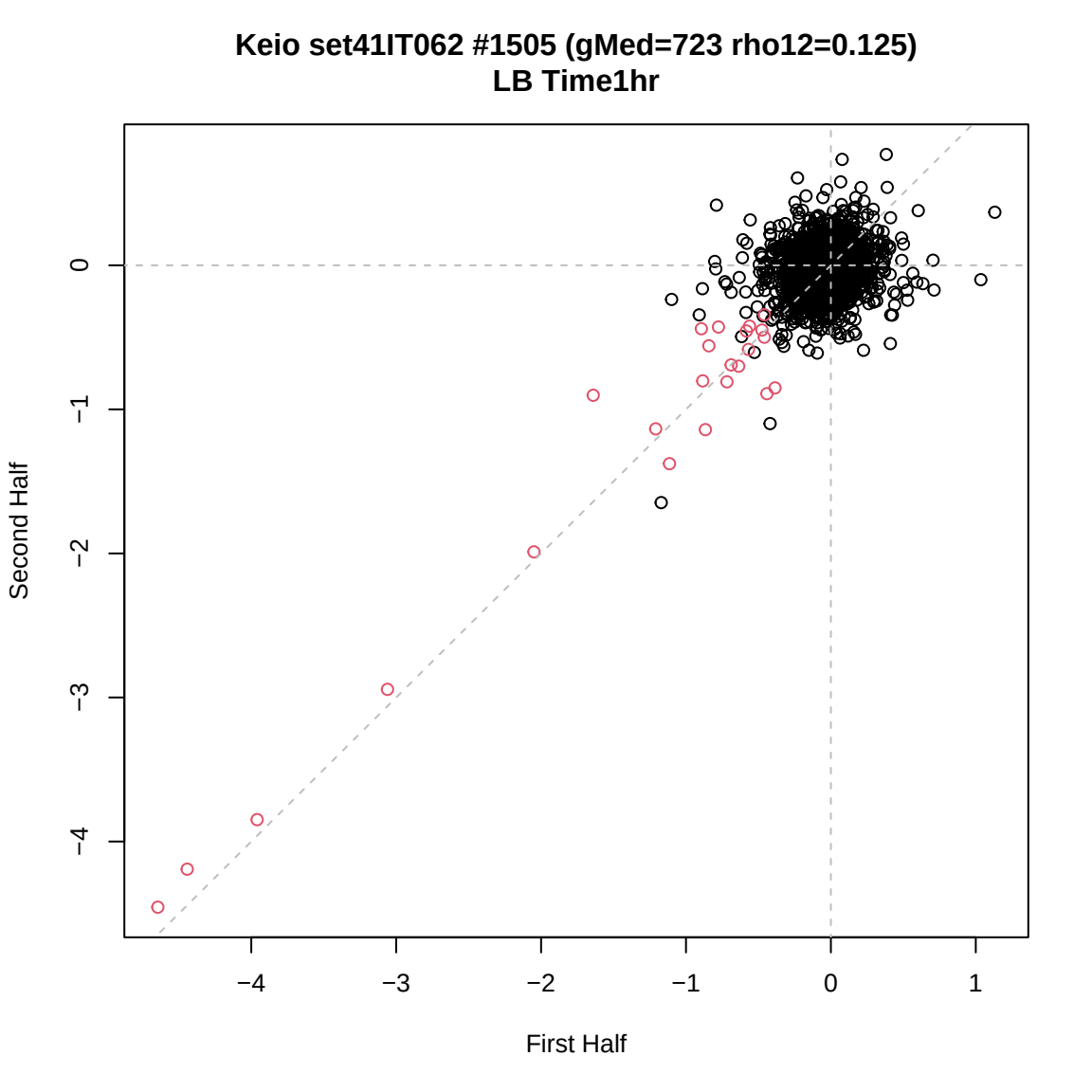

Keio set41IT055 #1500 (gMed=772 rho12=0.253)
LB + carbenicillin Time5hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

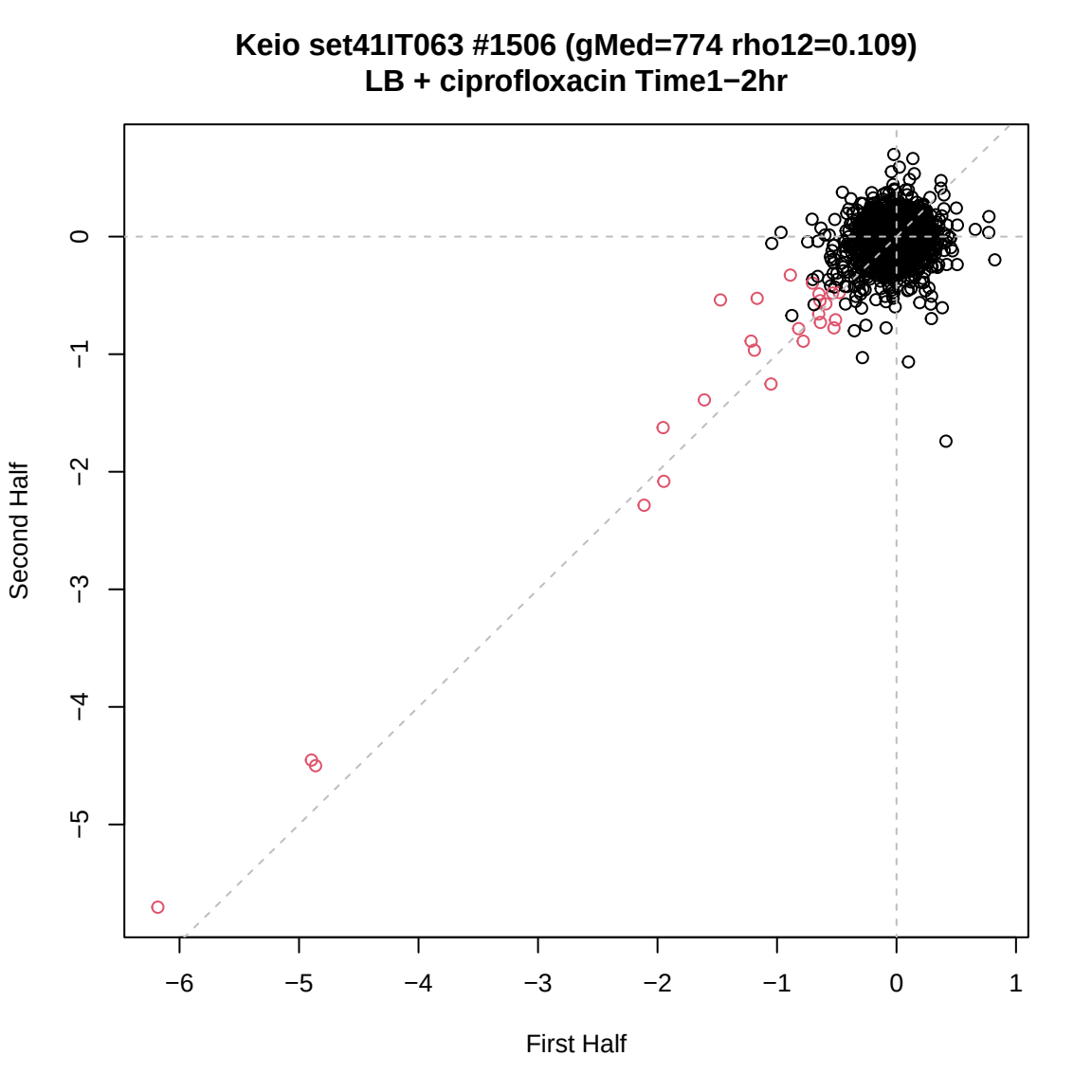

Keio set41IT056 #1501 (gMed=774 rho12=0.284)
LB Time6hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

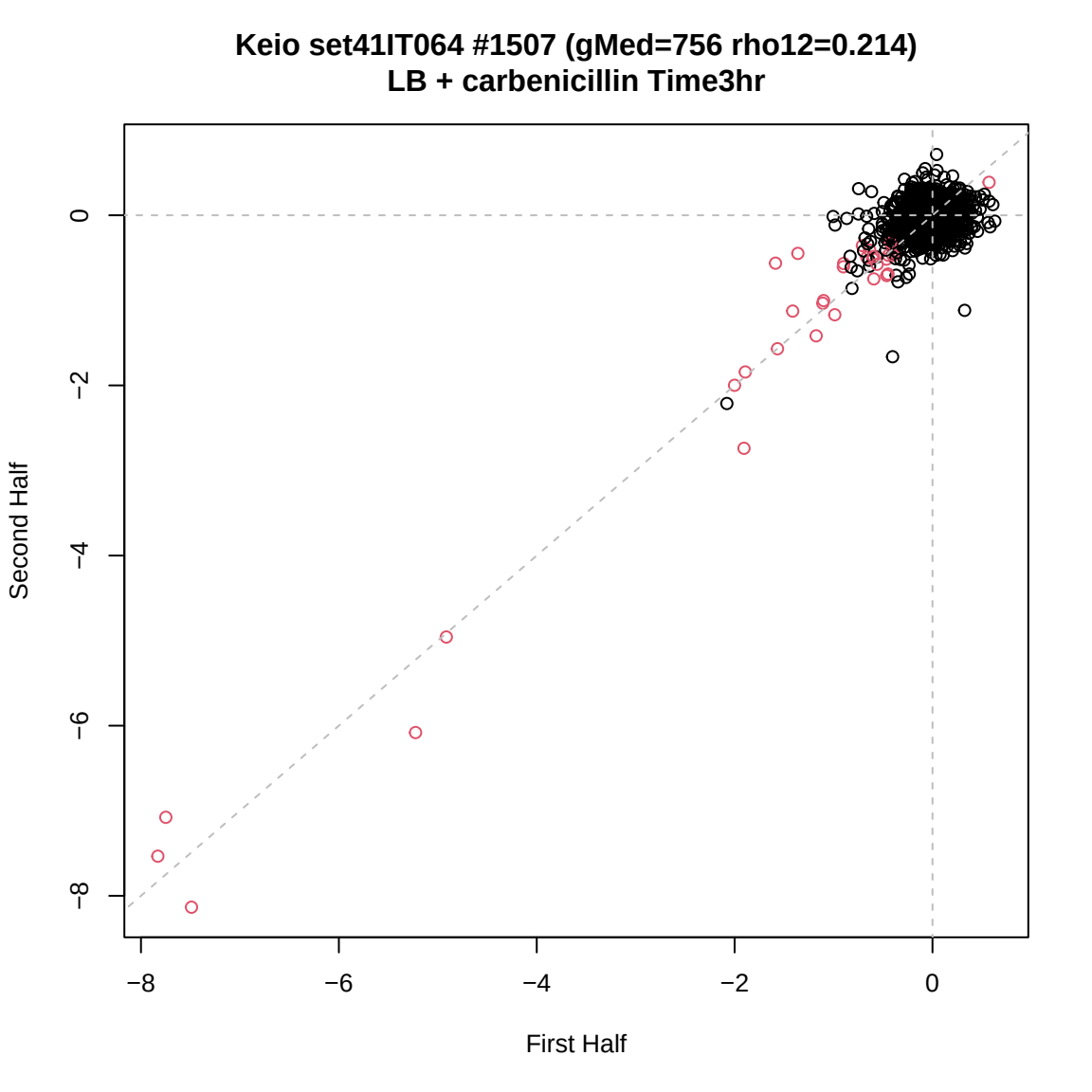

Keio set41IT057 #1502 (gMed=851 rho12=0.284)
LB + ciprofloxacin Time6hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

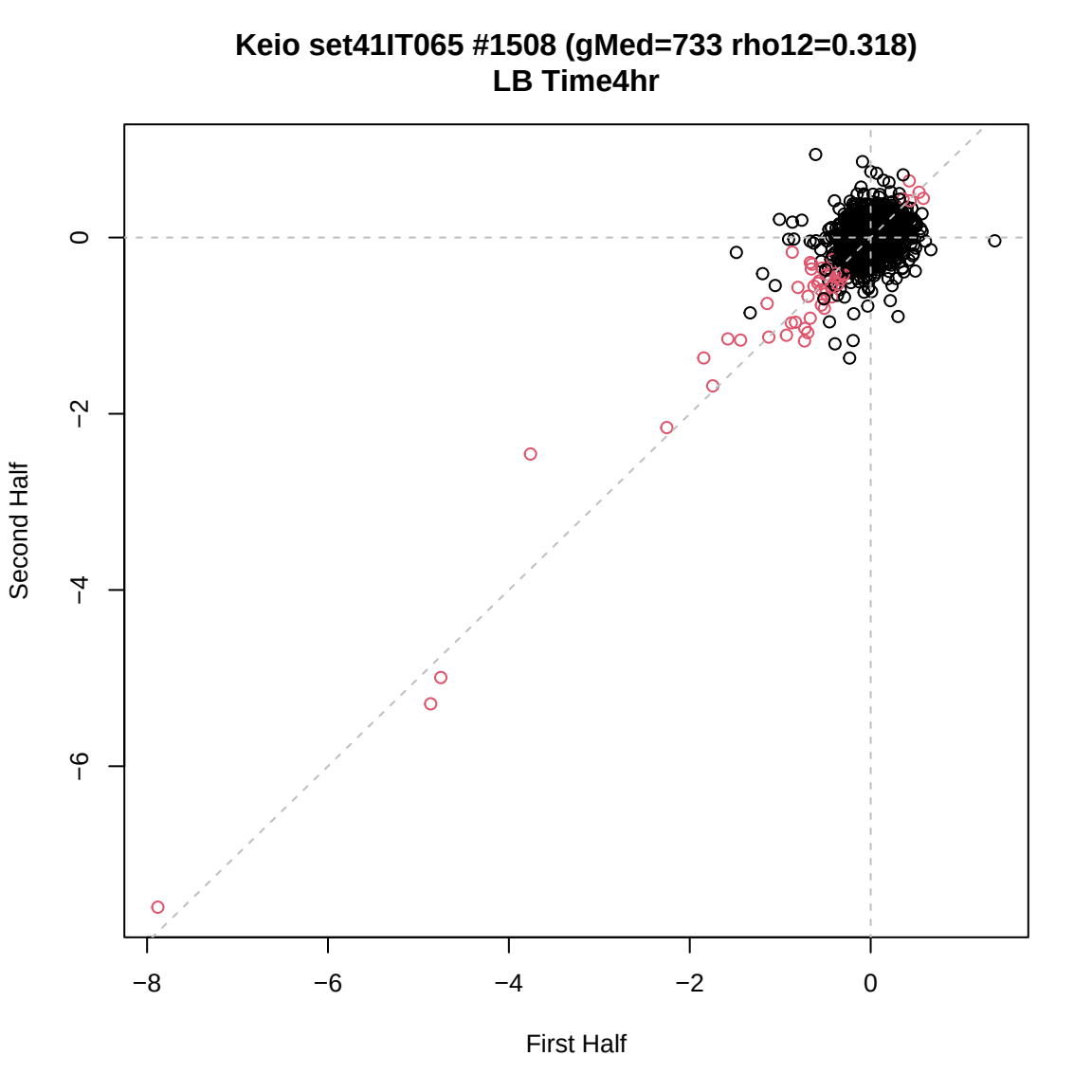

Keio set41IT058 #1503 (gMed=825 rho12=0.294)
LB + carbenicillin Time7hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

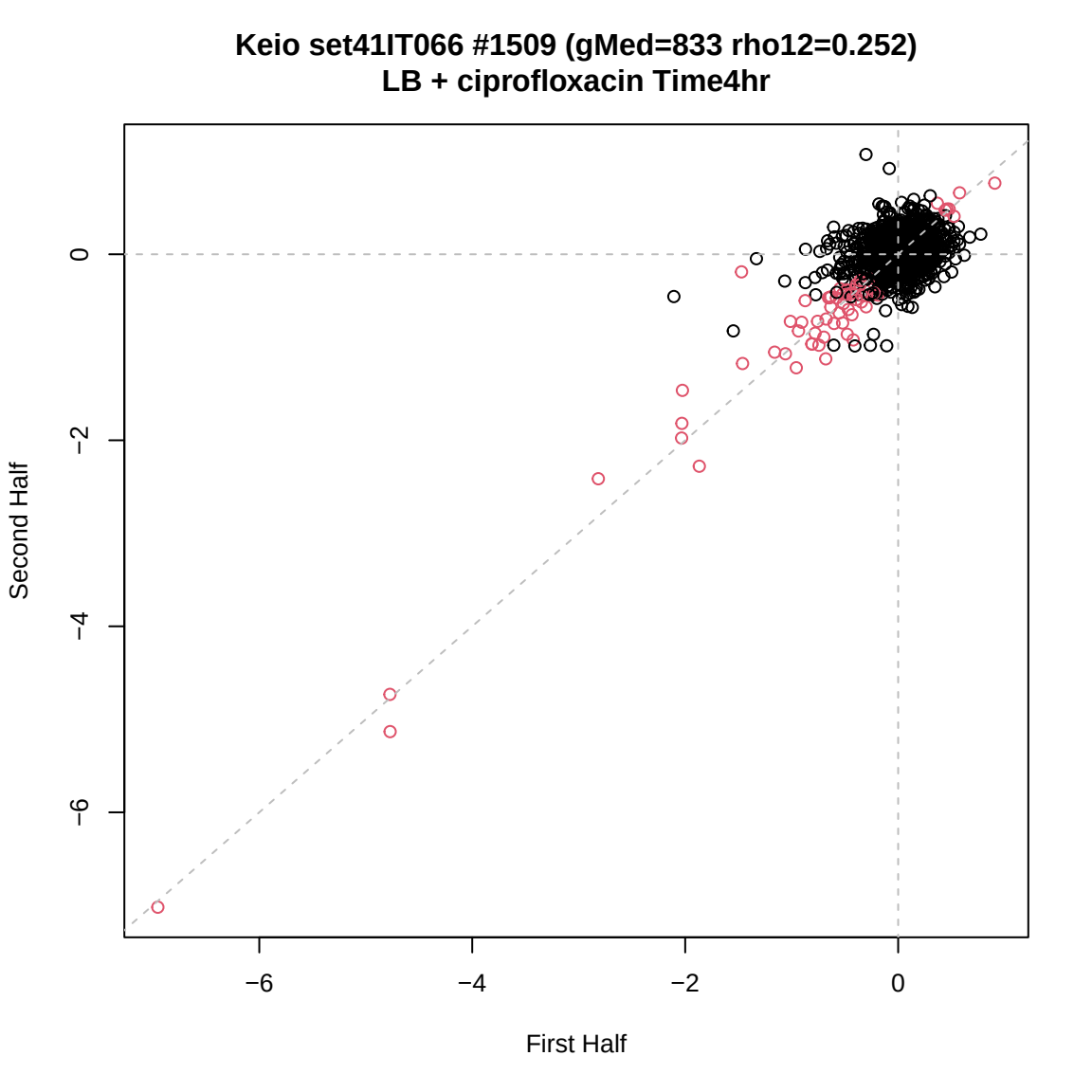

Keio set41IT061 #1504 (gMed=424 rho12=0.021)
LB + carbenicillin 0hr
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

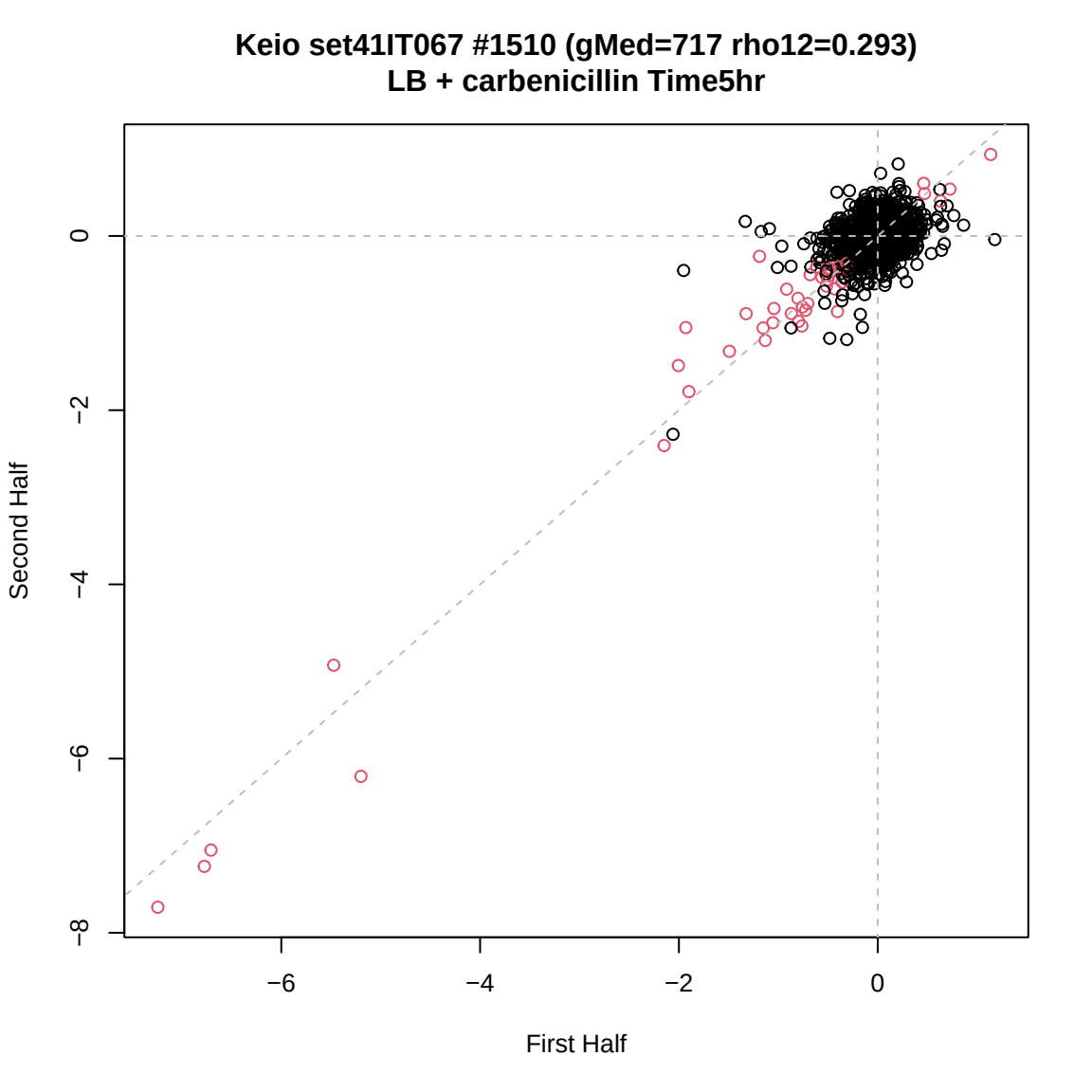

Keio set41IT062 #1505 (gMed=723 rho12=0.125)
LB Time1hr
Second Half
First Half
0
−1
−2
−3
−4
1

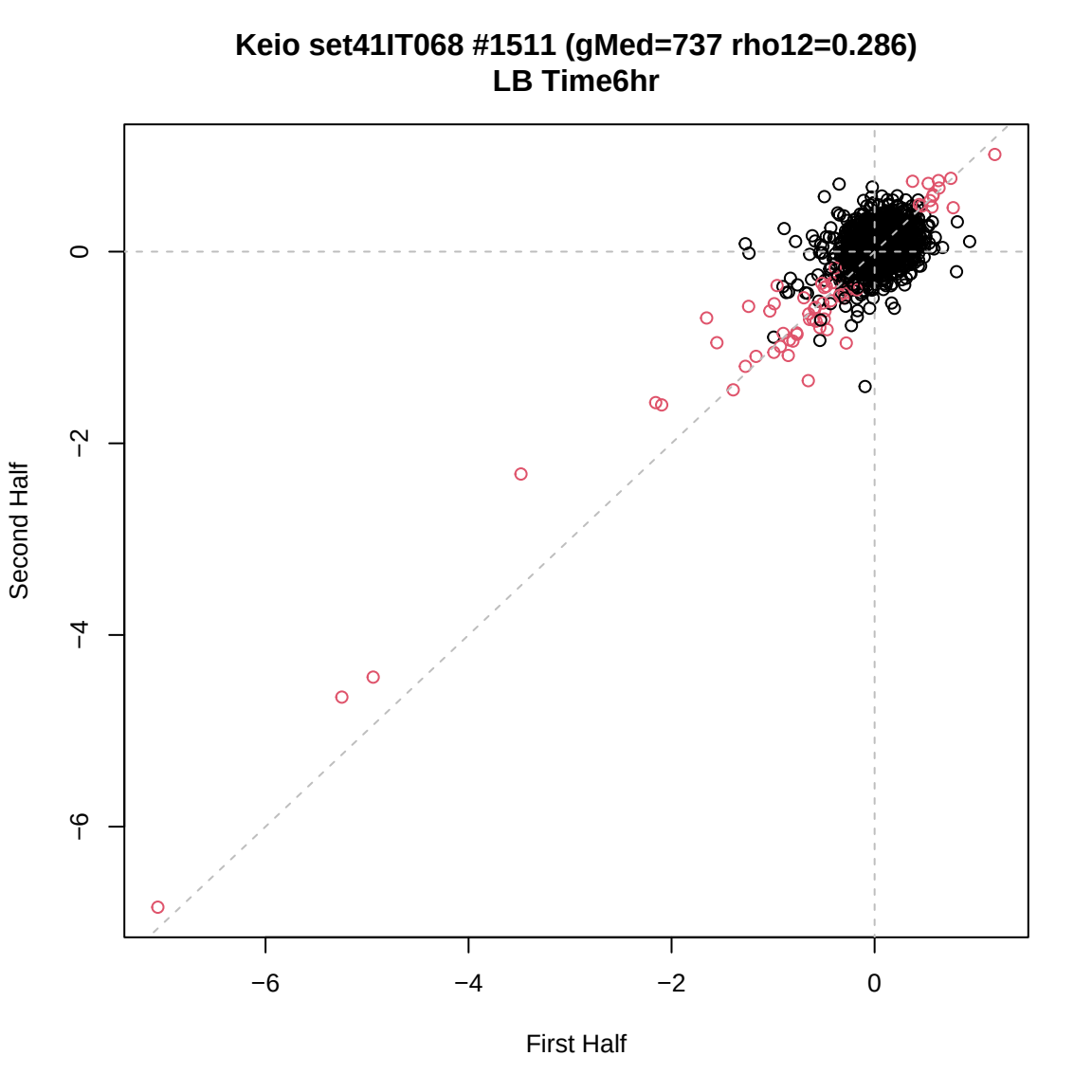

Keio set41IT063 #1506 (gMed=774 rho12=0.109)
LB + ciprofloxacin Time1−2hr
Second Half
First Half
0
−1
−2
−3
−4
−5
−6
1

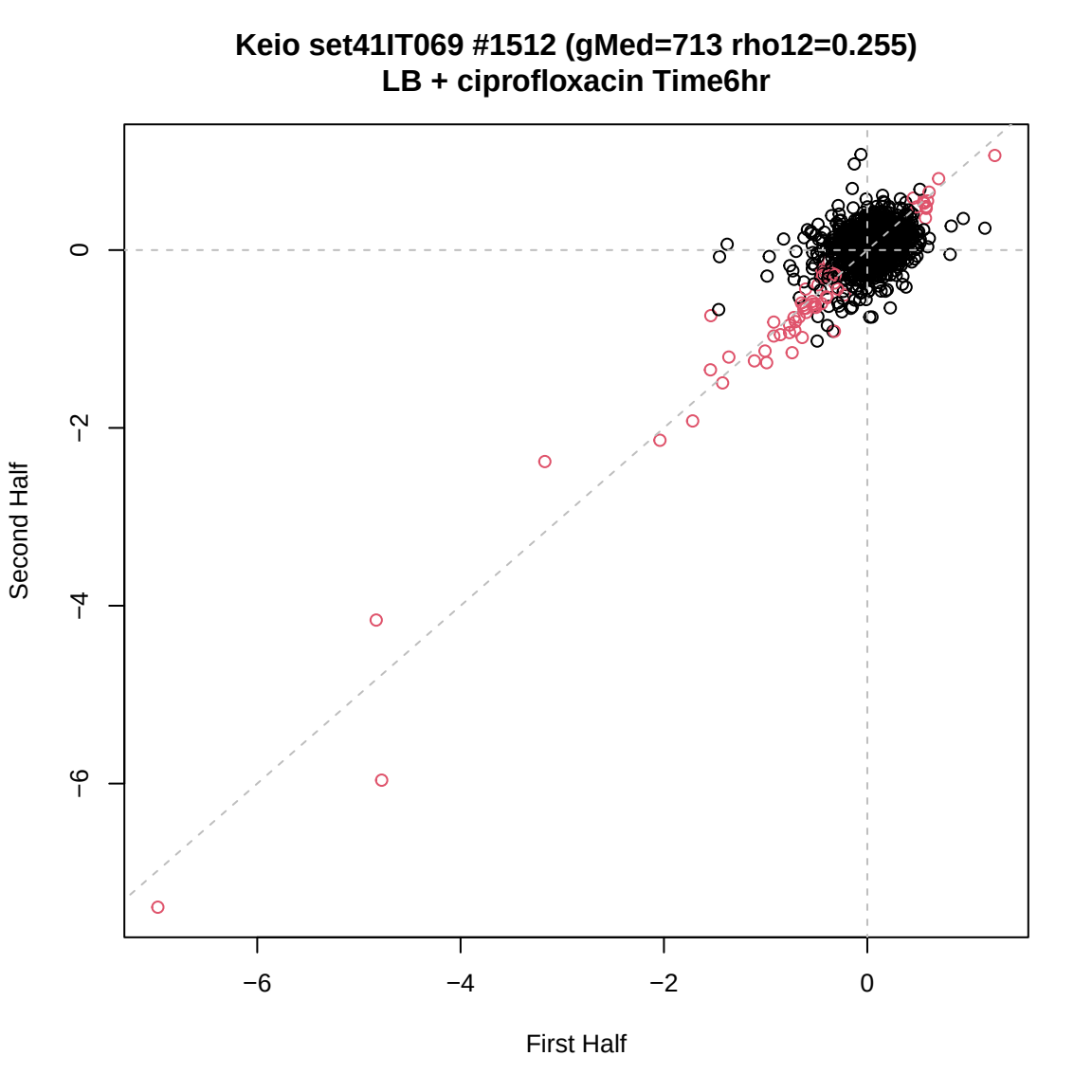

Keio set41IT064 #1507 (gMed=756 rho12=0.214)
LB + carbenicillin Time3hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

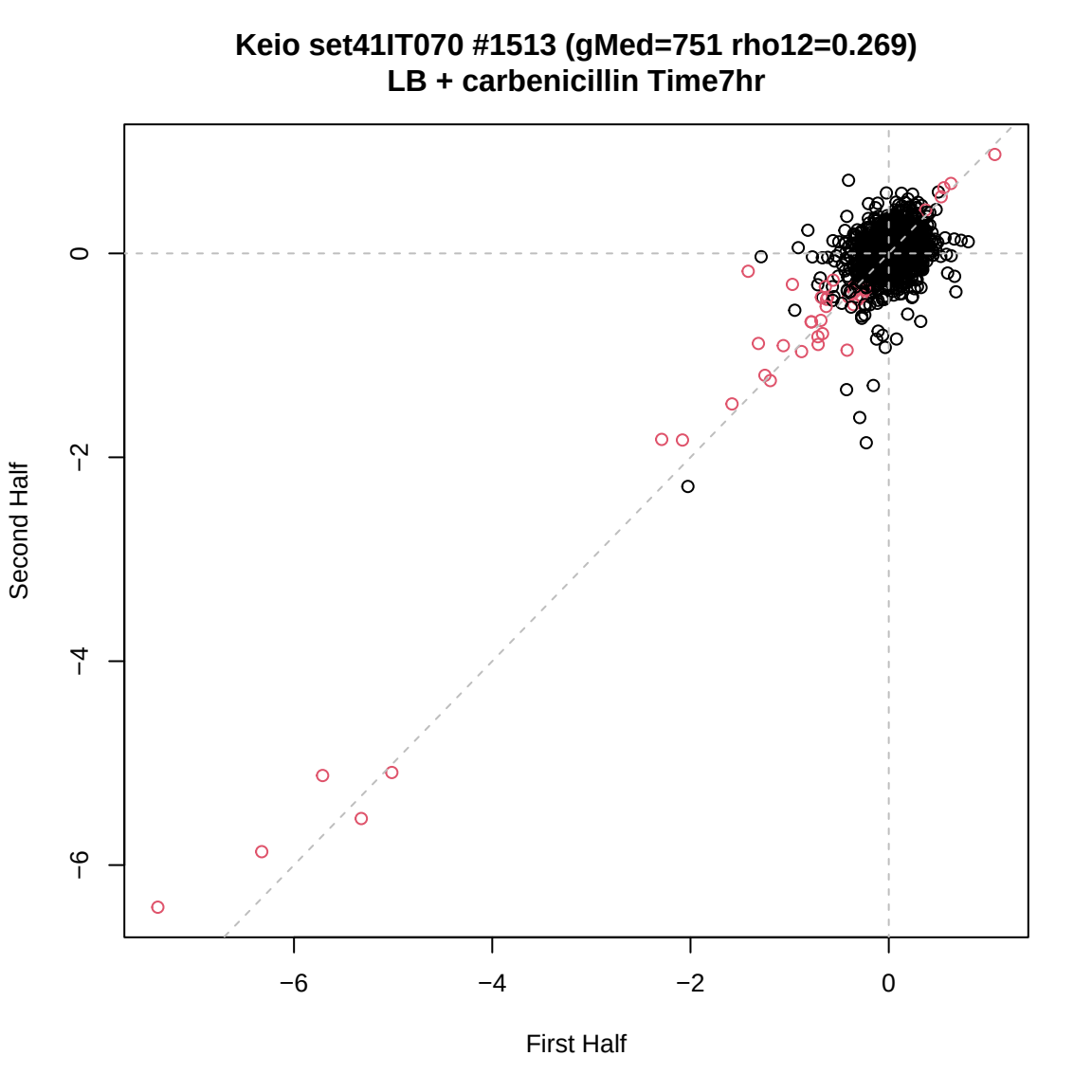

Keio set41IT065 #1508 (gMed=733 rho12=0.318)
LB Time4hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

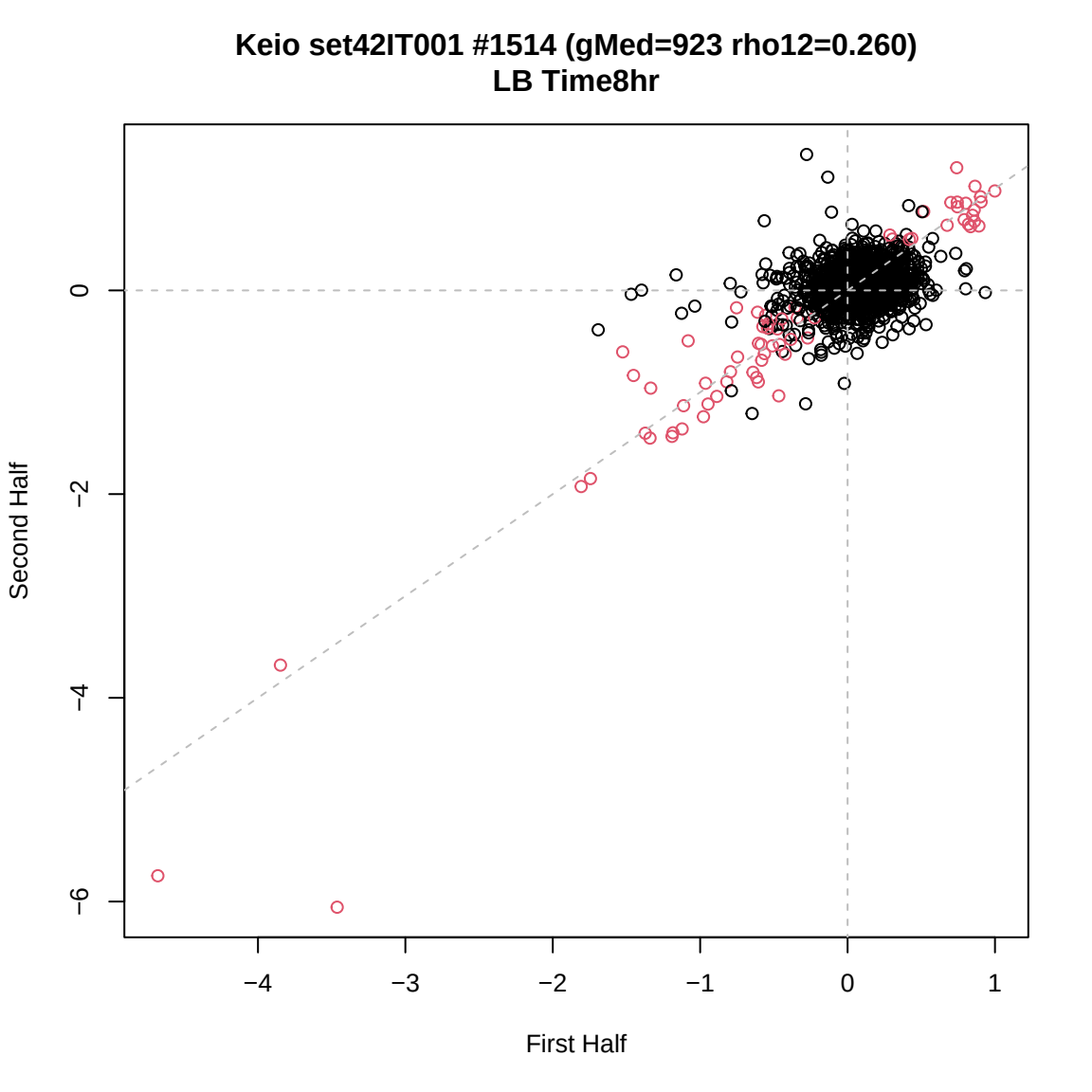

Keio set41IT066 #1509 (gMed=833 rho12=0.252)
LB + ciprofloxacin Time4hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

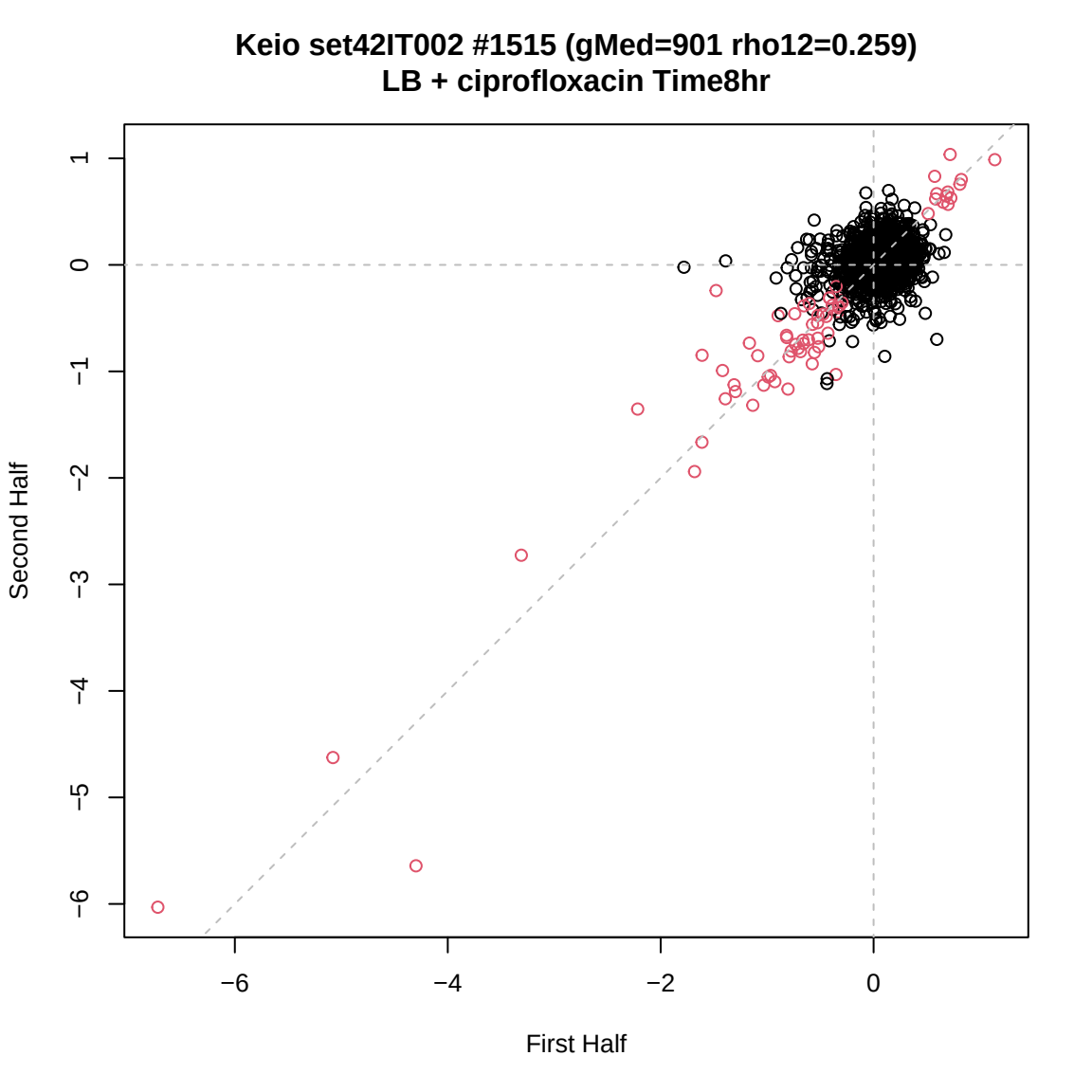

Keio set41IT067 #1510 (gMed=717 rho12=0.293)
LB + carbenicillin Time5hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

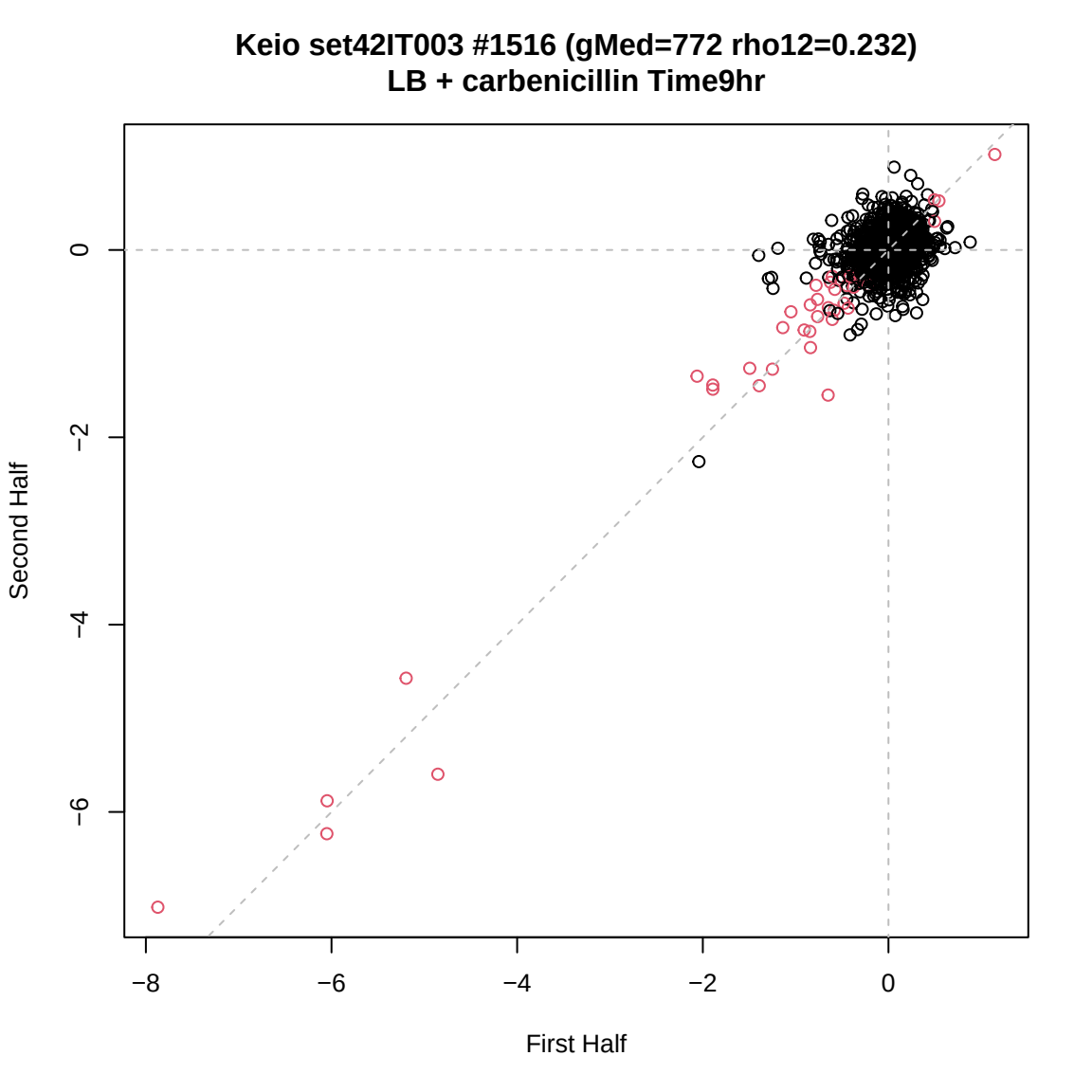

Keio set41IT068 #1511 (gMed=737 rho12=0.286)
LB Time6hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

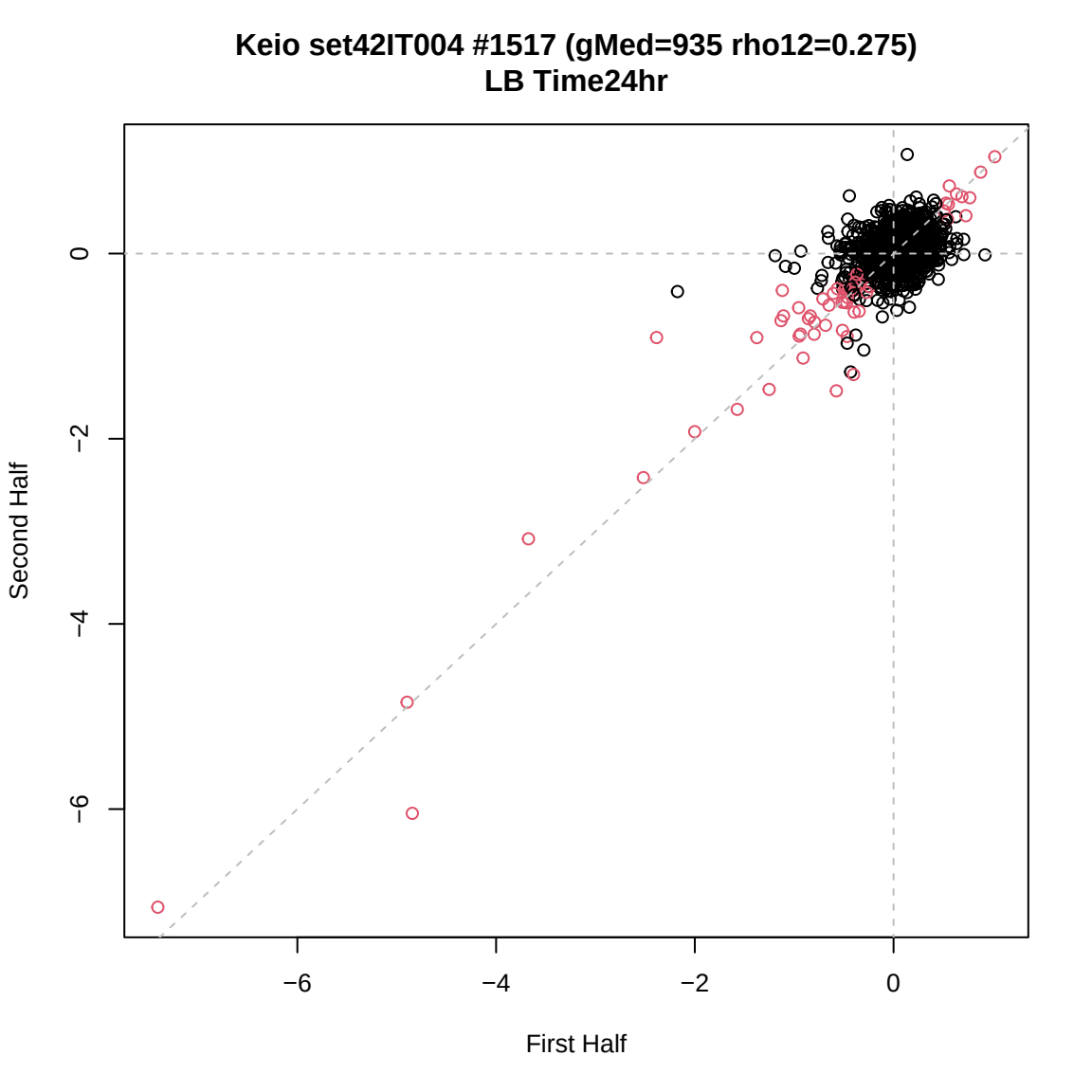

Keio set41IT069 #1512 (gMed=713 rho12=0.255)
LB + ciprofloxacin Time6hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

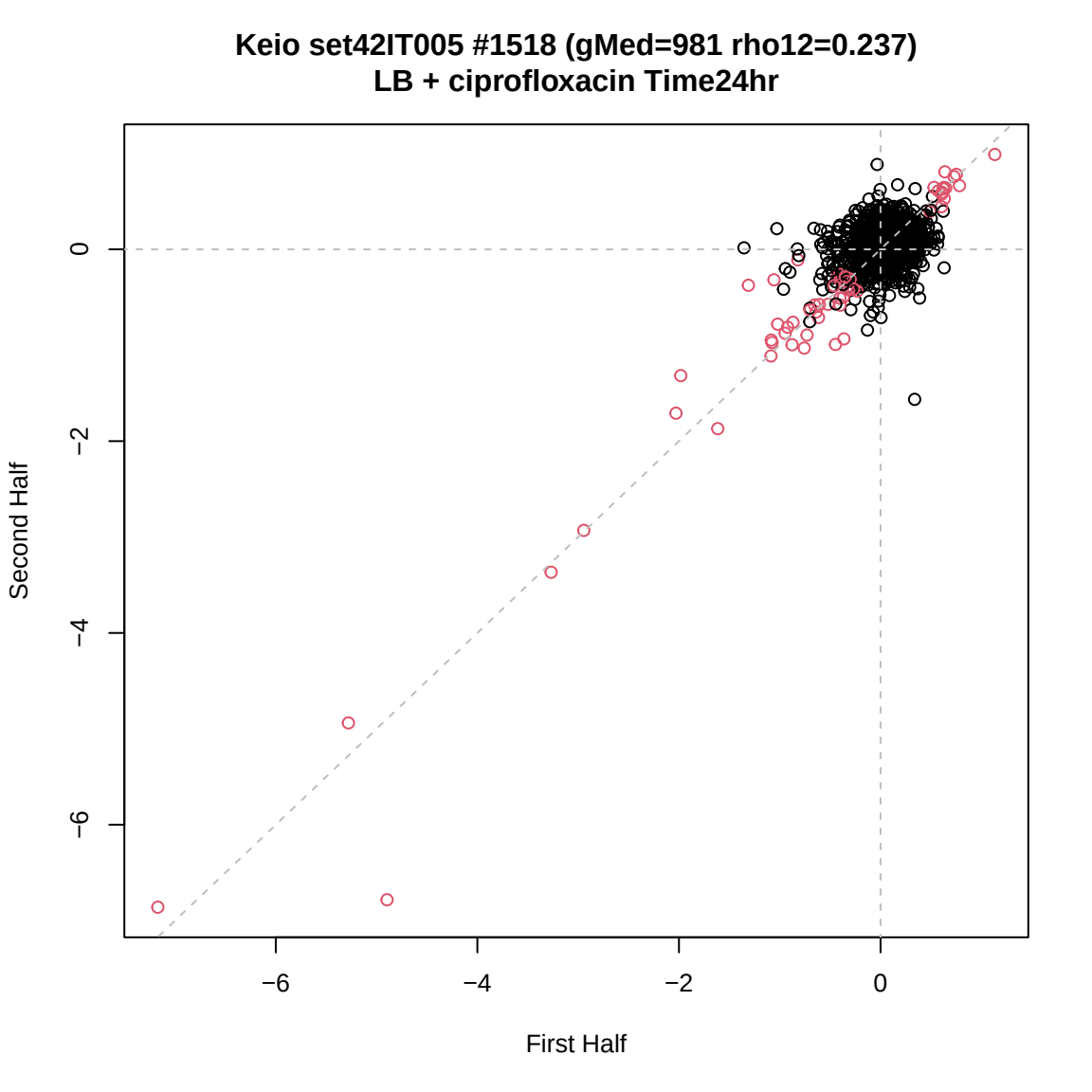

Keio set41IT070 #1513 (gMed=751 rho12=0.269)
LB + carbenicillin Time7hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

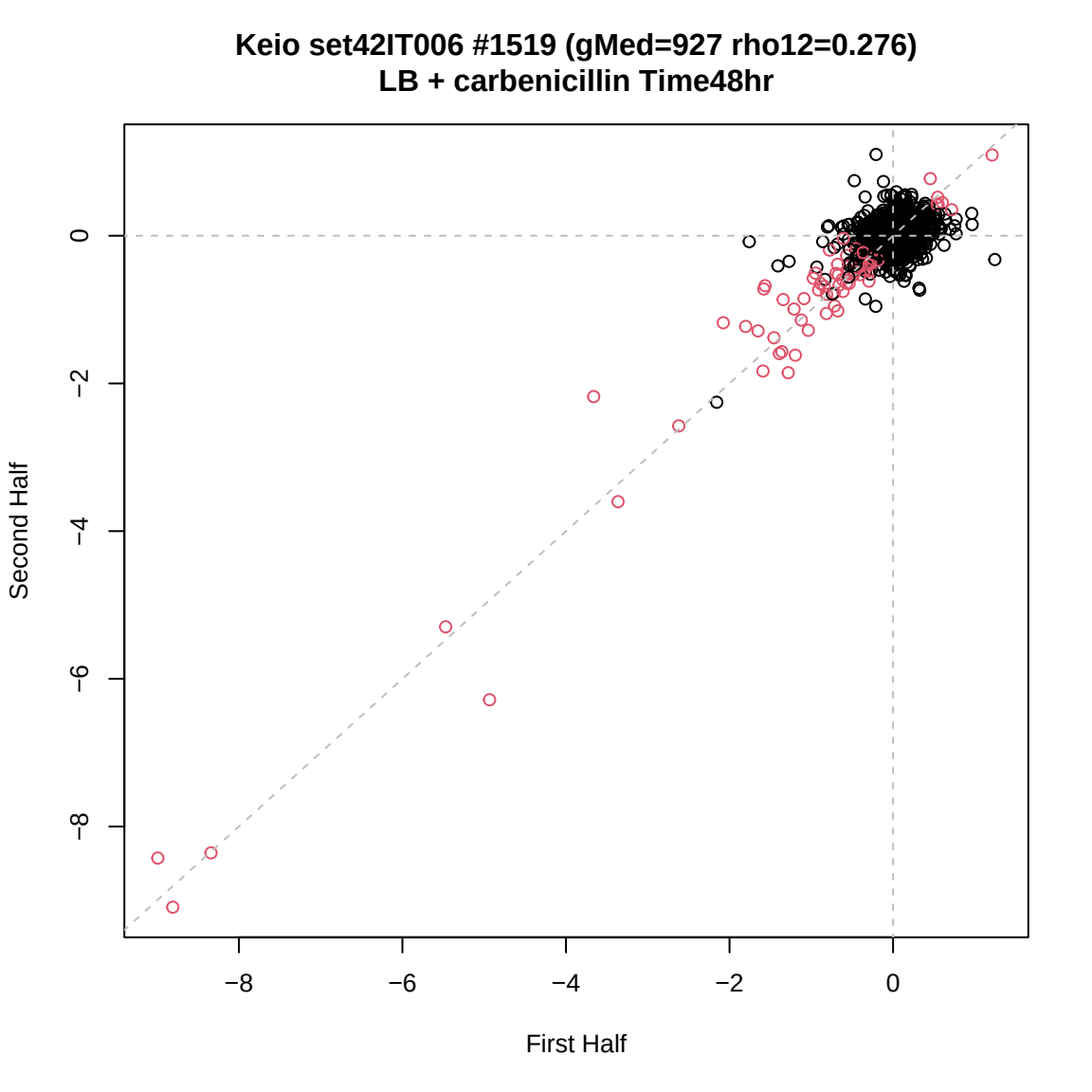

Keio set42IT001 #1514 (gMed=923 rho12=0.260)
LB Time8hr
Second Half
First Half
0
−2
−4
−6
−4
−3
−2
−1
0
1

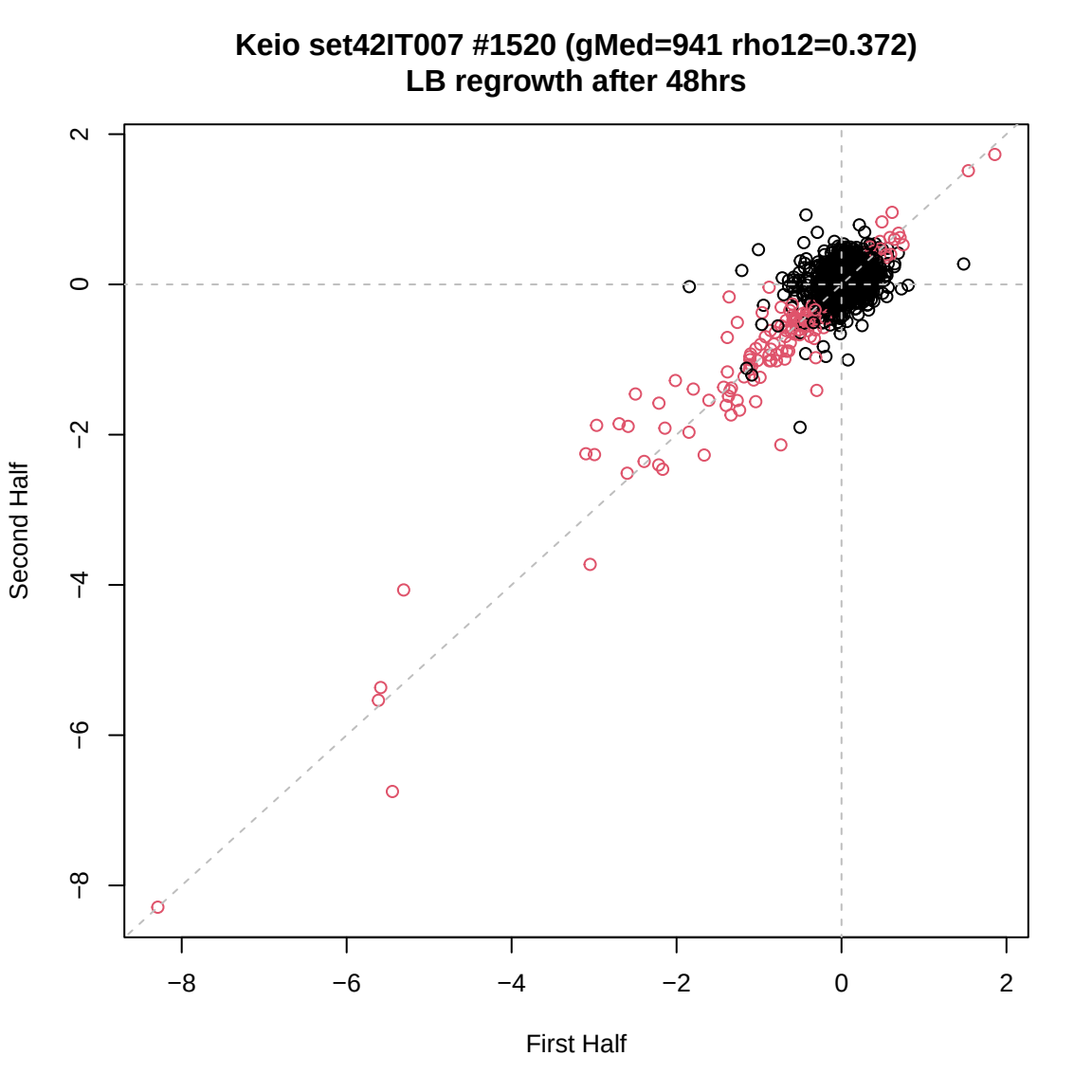

Keio set42IT002 #1515 (gMed=901 rho12=0.259)
LB + ciprofloxacin Time8hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

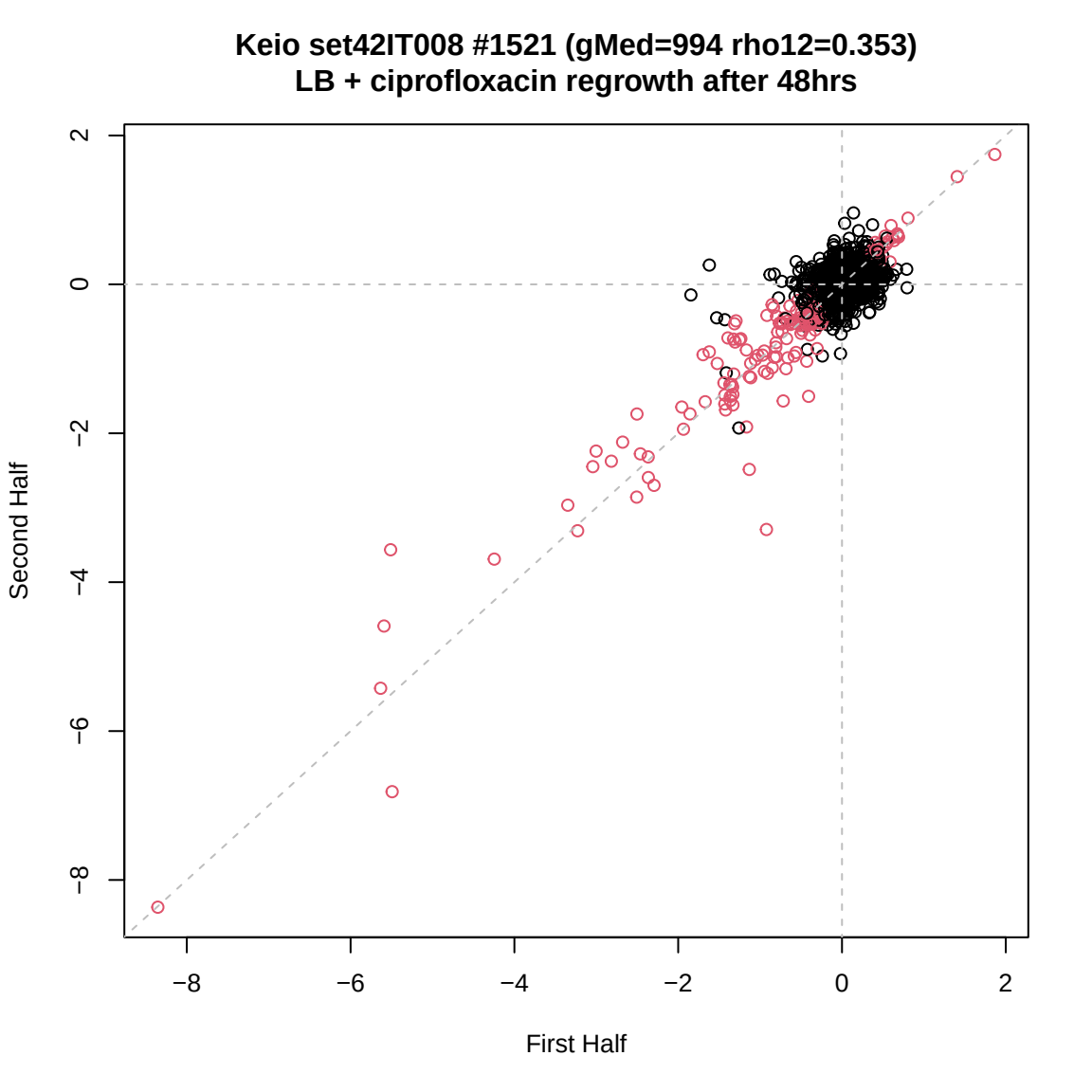

Keio set42IT003 #1516 (gMed=772 rho12=0.232)
LB + carbenicillin Time9hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

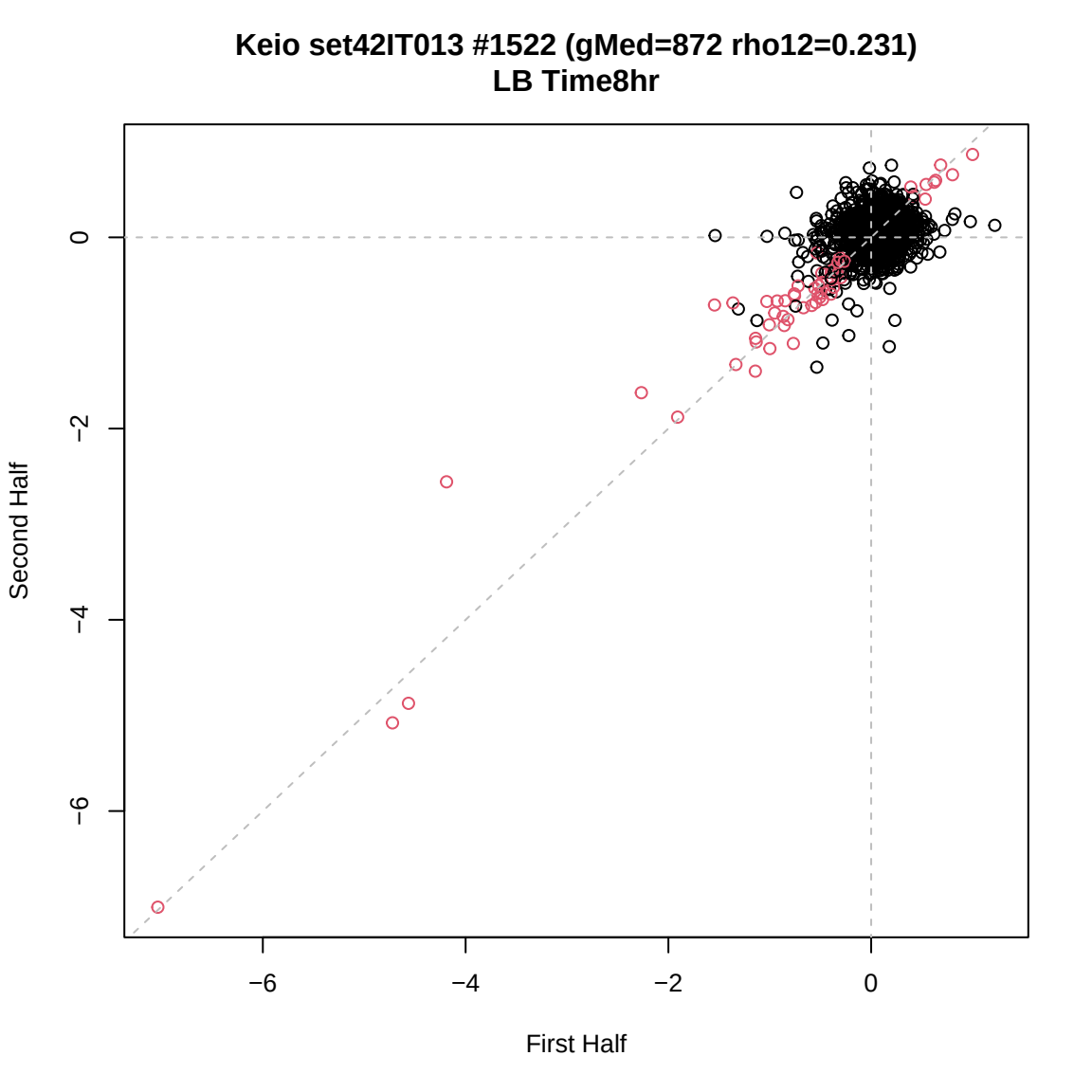

Keio set42IT004 #1517 (gMed=935 rho12=0.275)
LB Time24hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

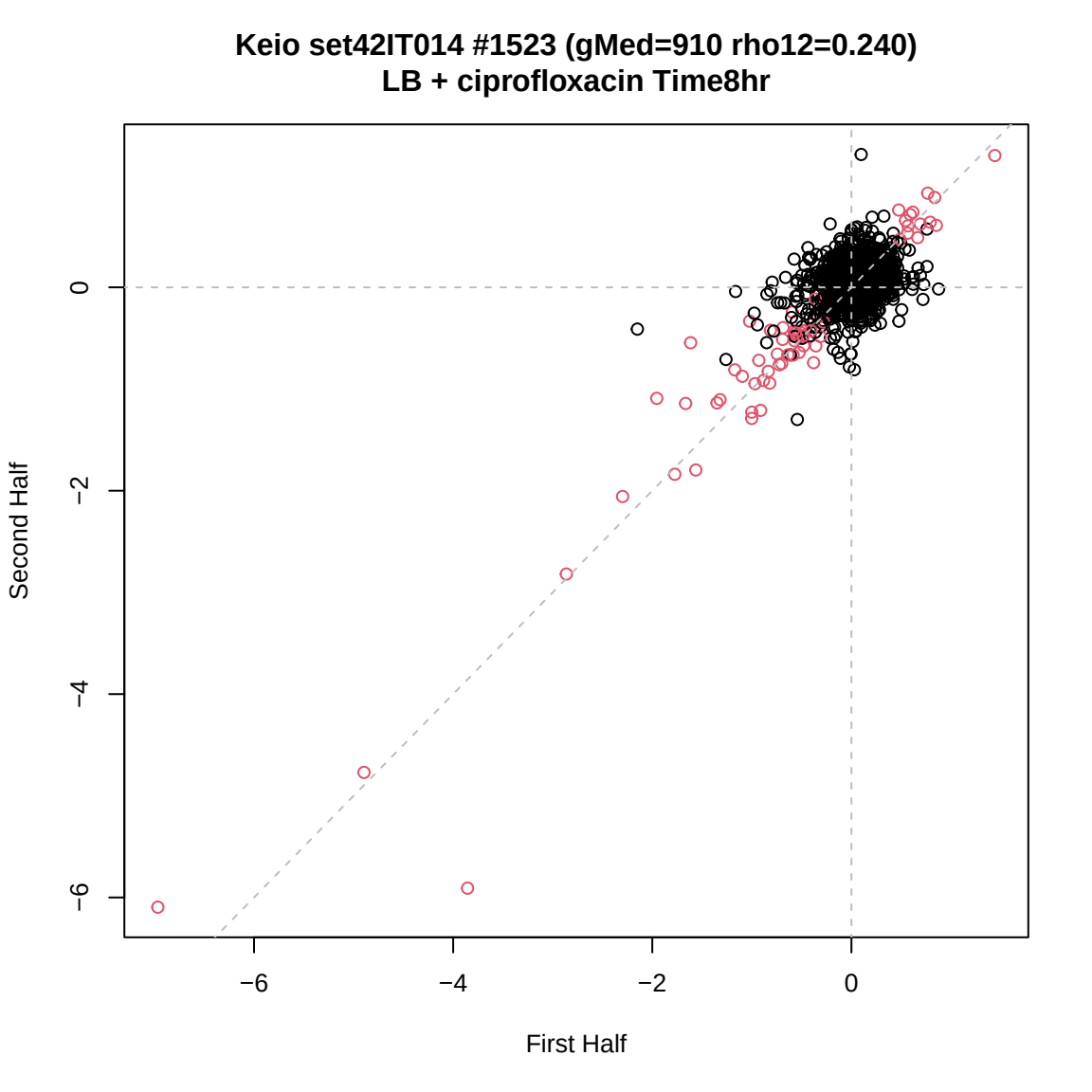

Keio set42IT005 #1518 (gMed=981 rho12=0.237)
LB + ciprofloxacin Time24hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

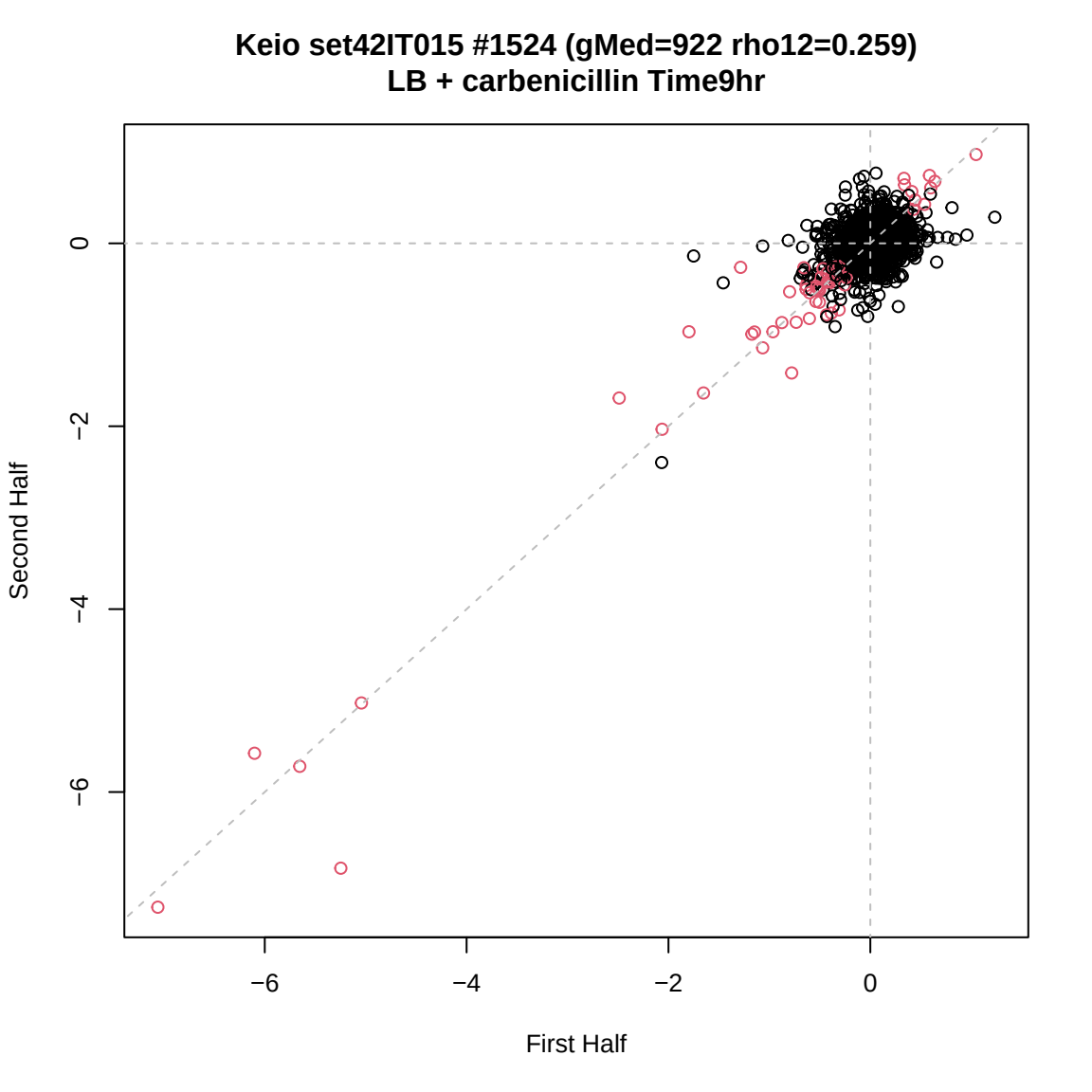

Keio set42IT006 #1519 (gMed=927 rho12=0.276)
LB + carbenicillin Time48hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

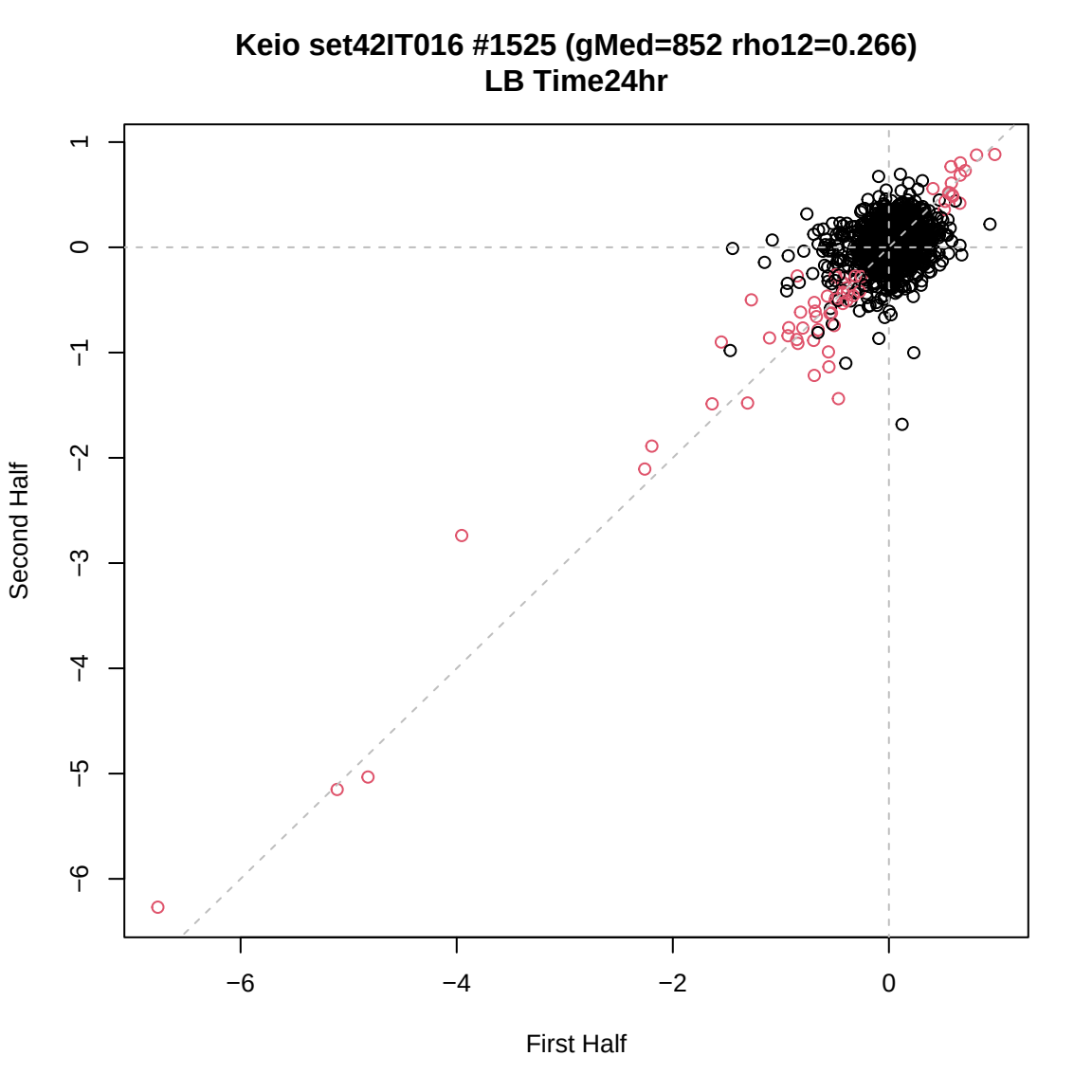

Keio set42IT007 #1520 (gMed=941 rho12=0.372)
LB regrowth after 48hrs
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

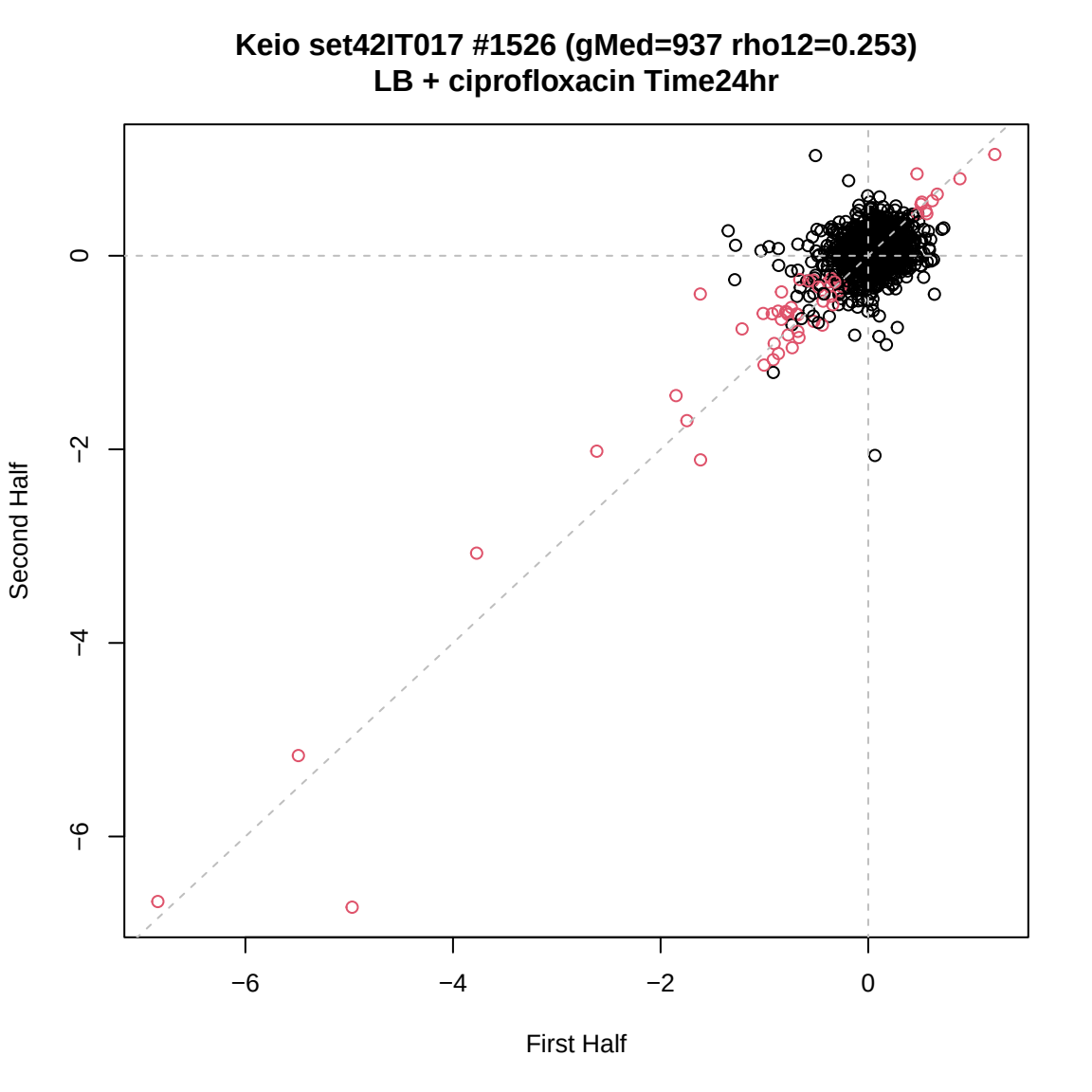

Keio set42IT008 #1521 (gMed=994 rho12=0.353)
LB + ciprofloxacin regrowth after 48hrs
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

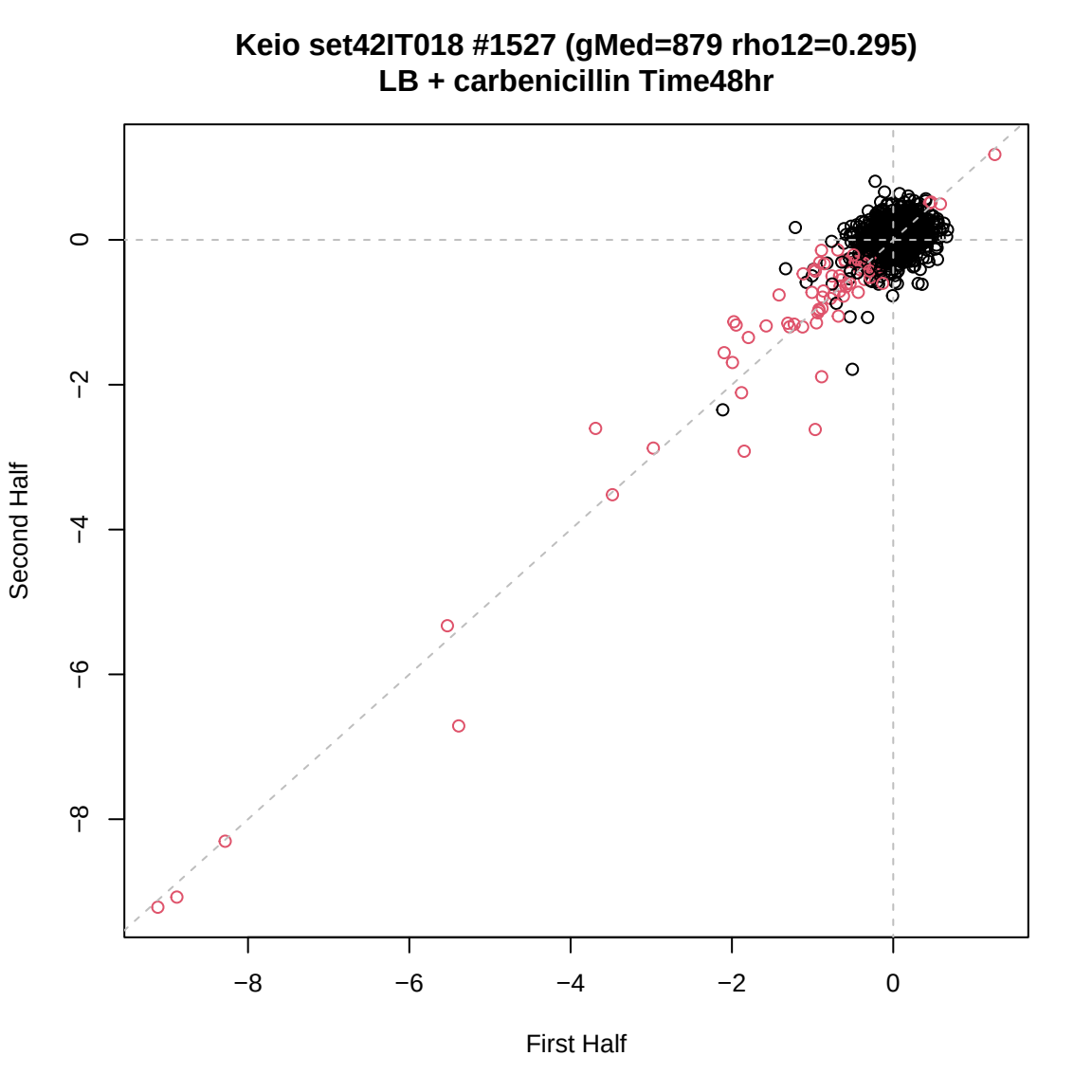

Keio set42IT013 #1522 (gMed=872 rho12=0.231)
LB Time8hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

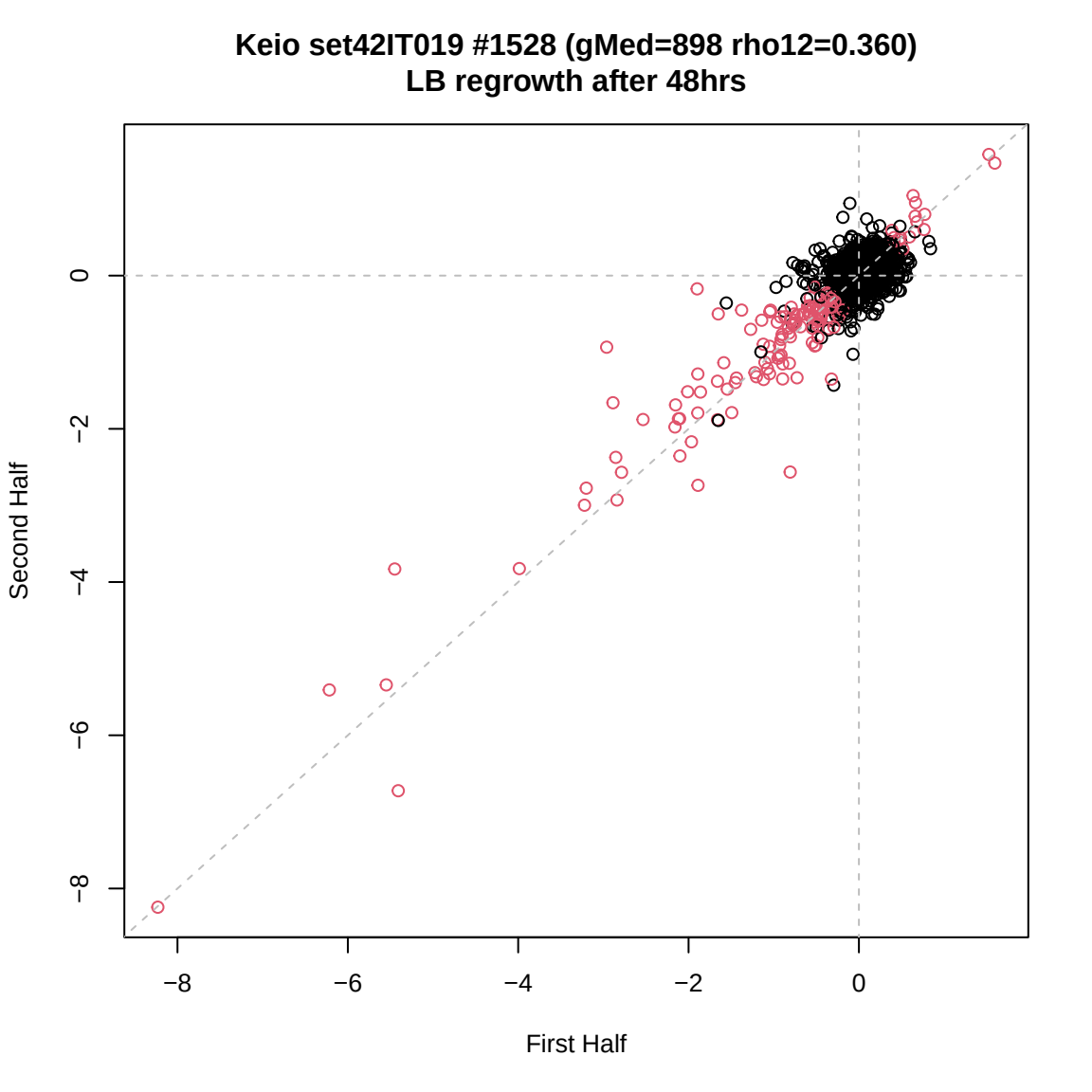

Keio set42IT014 #1523 (gMed=910 rho12=0.240)
LB + ciprofloxacin Time8hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

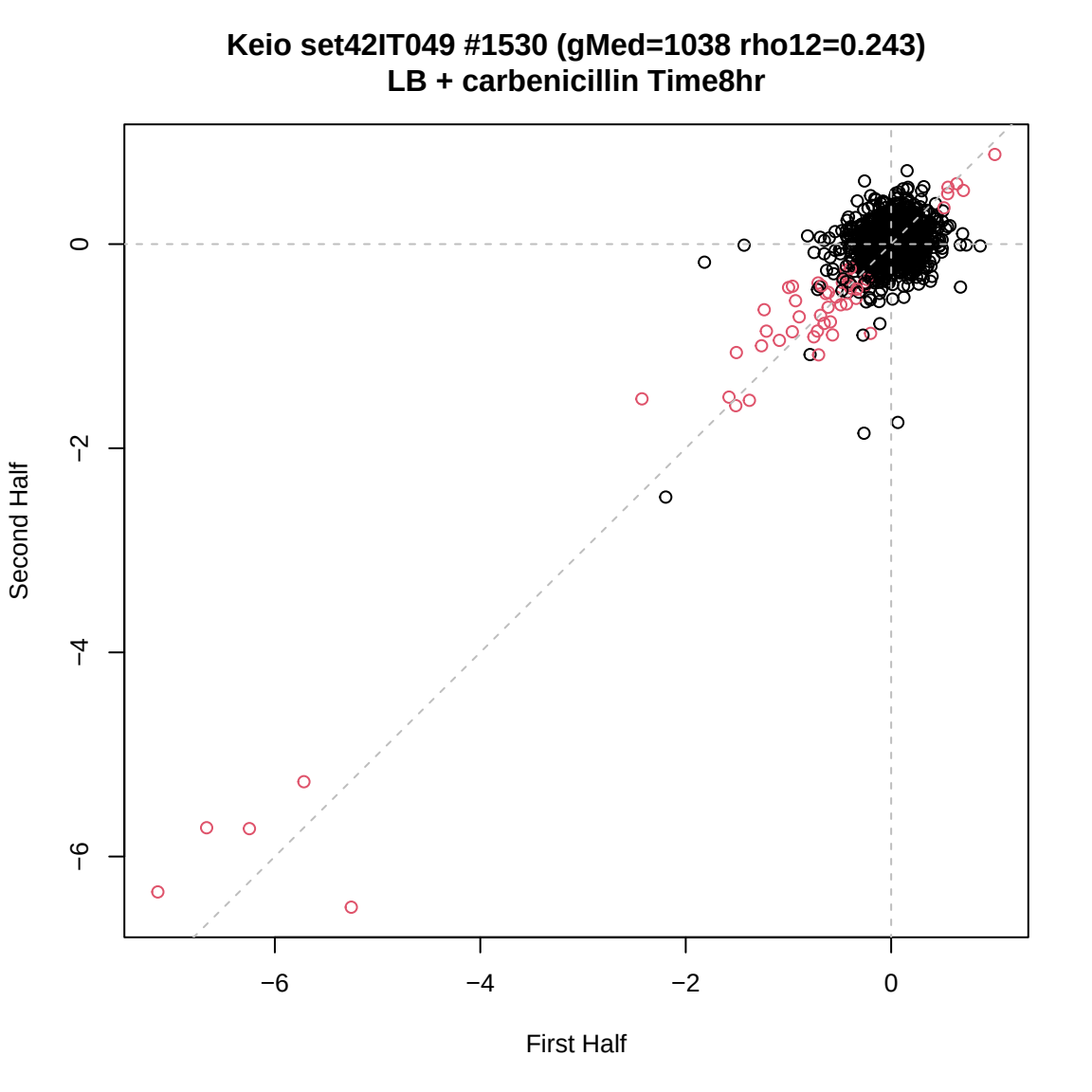

Keio set42IT015 #1524 (gMed=922 rho12=0.259)
LB + carbenicillin Time9hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

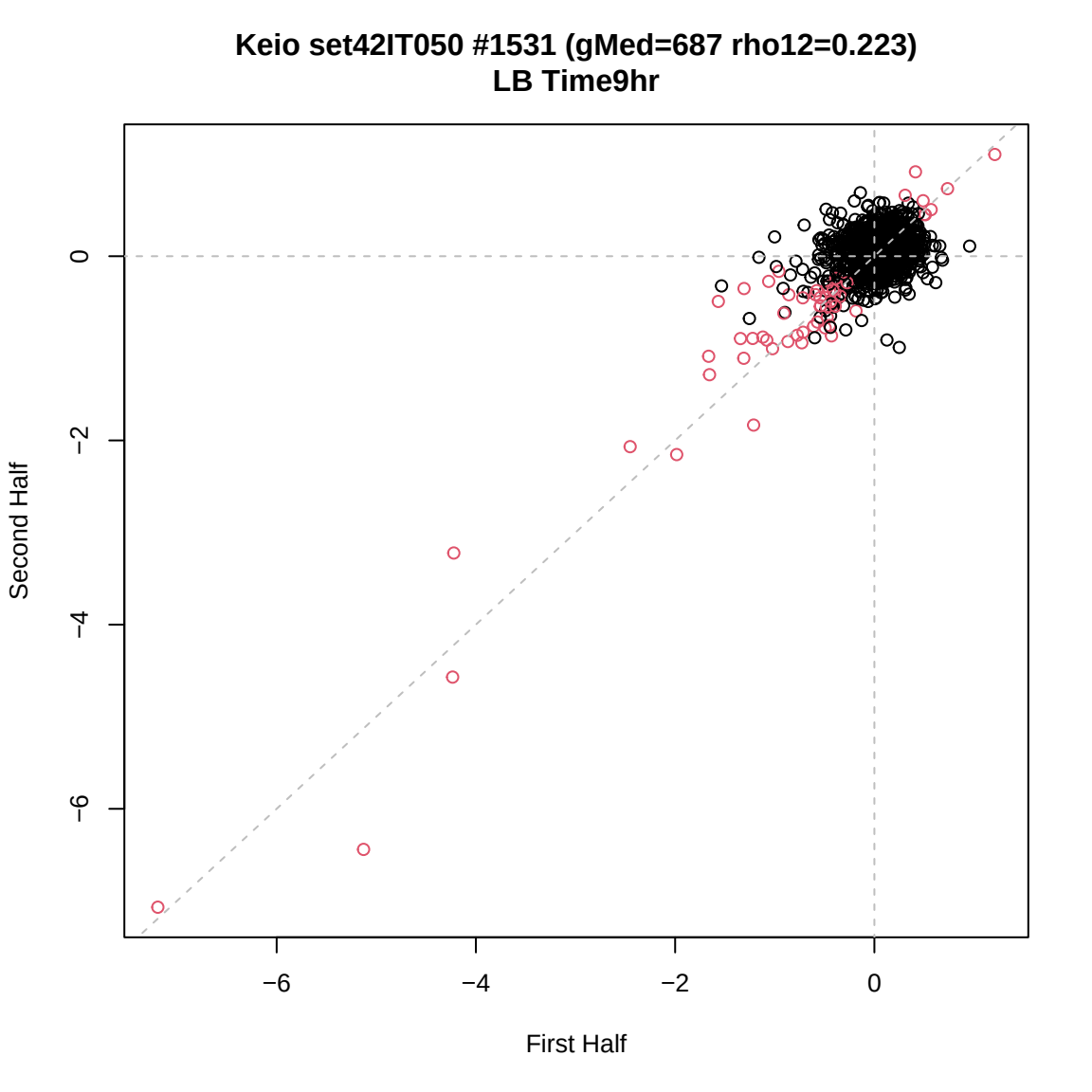

Keio set42IT016 #1525 (gMed=852 rho12=0.266)
LB Time24hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

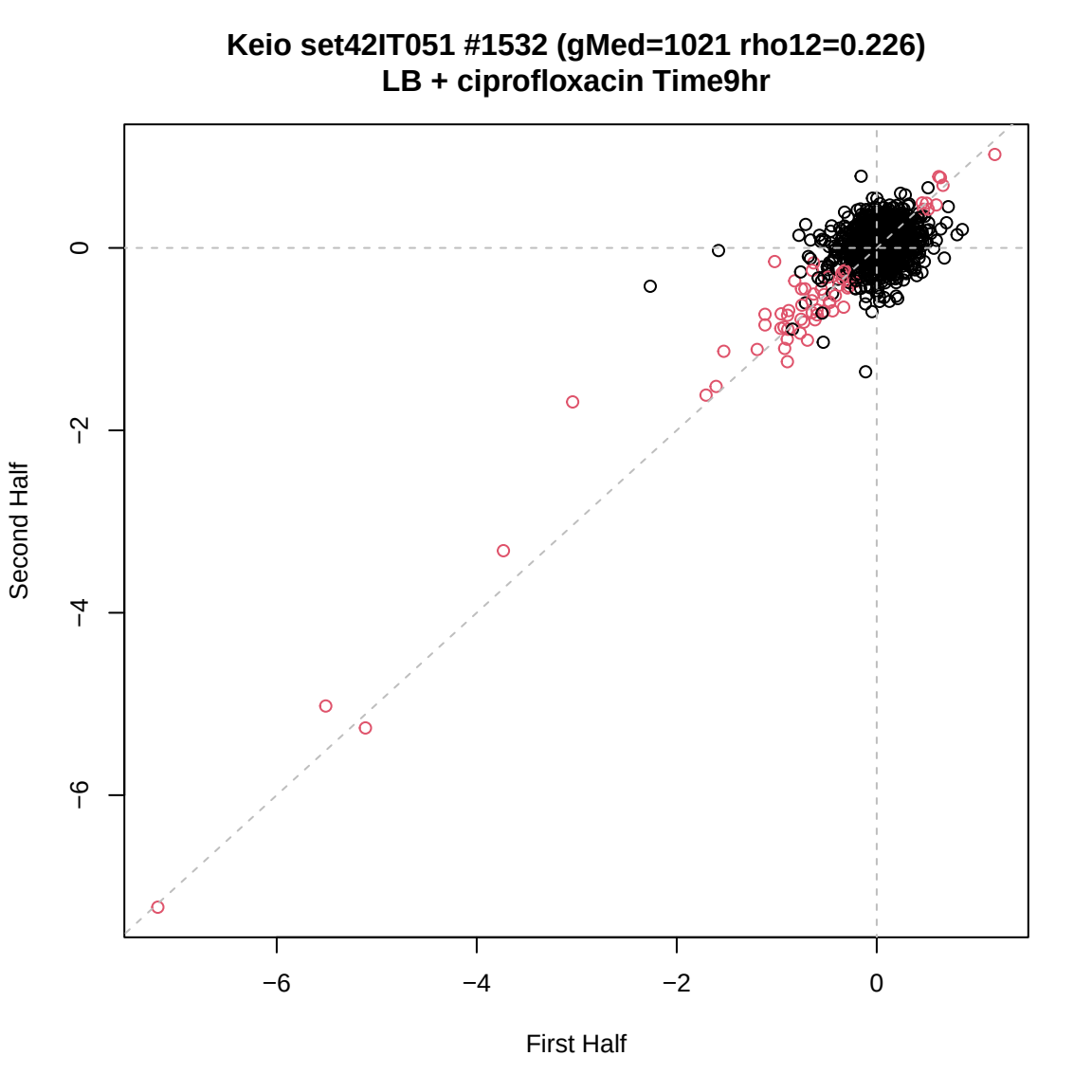

Keio set42IT017 #1526 (gMed=937 rho12=0.253)
LB + ciprofloxacin Time24hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

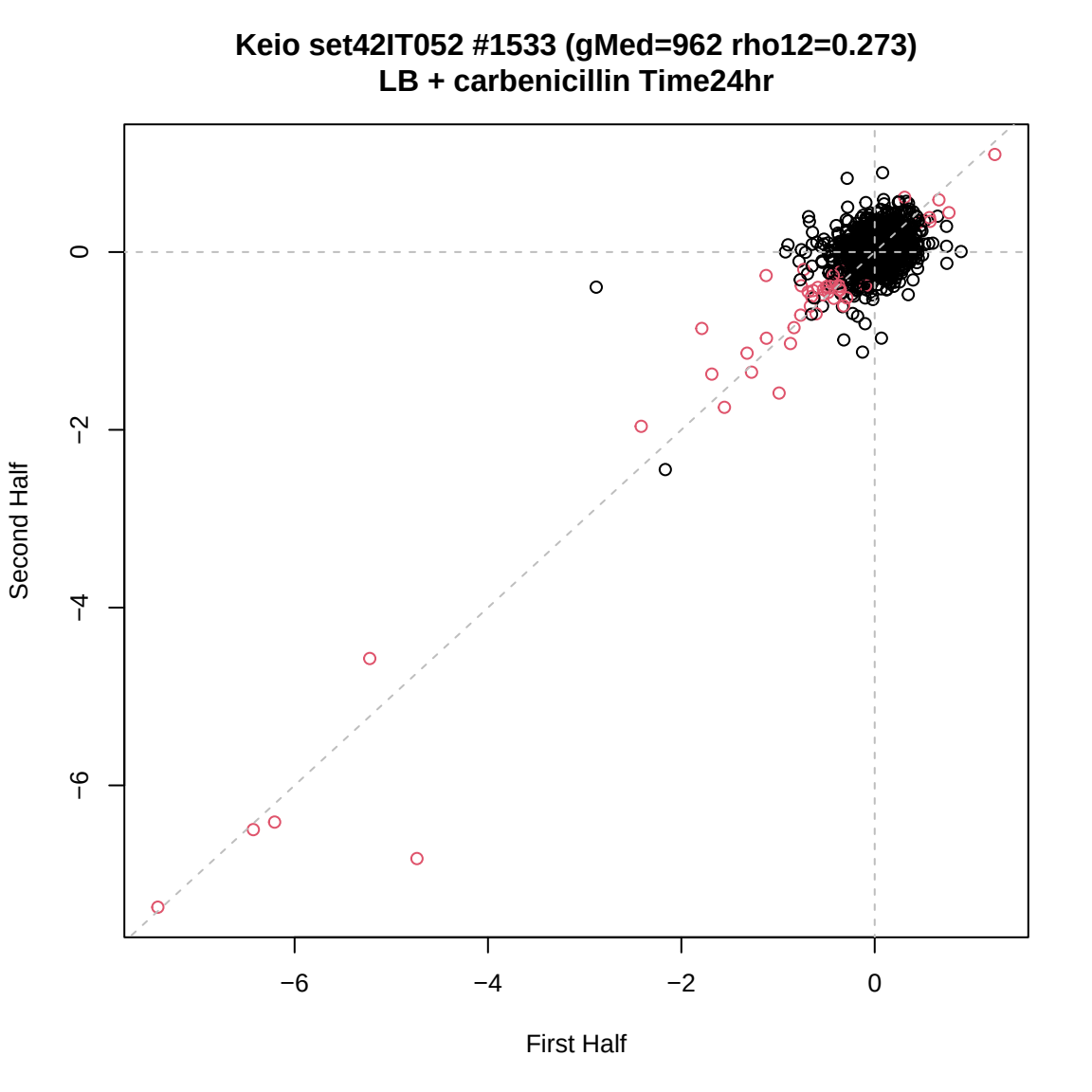

Keio set42IT018 #1527 (gMed=879 rho12=0.295)
LB + carbenicillin Time48hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

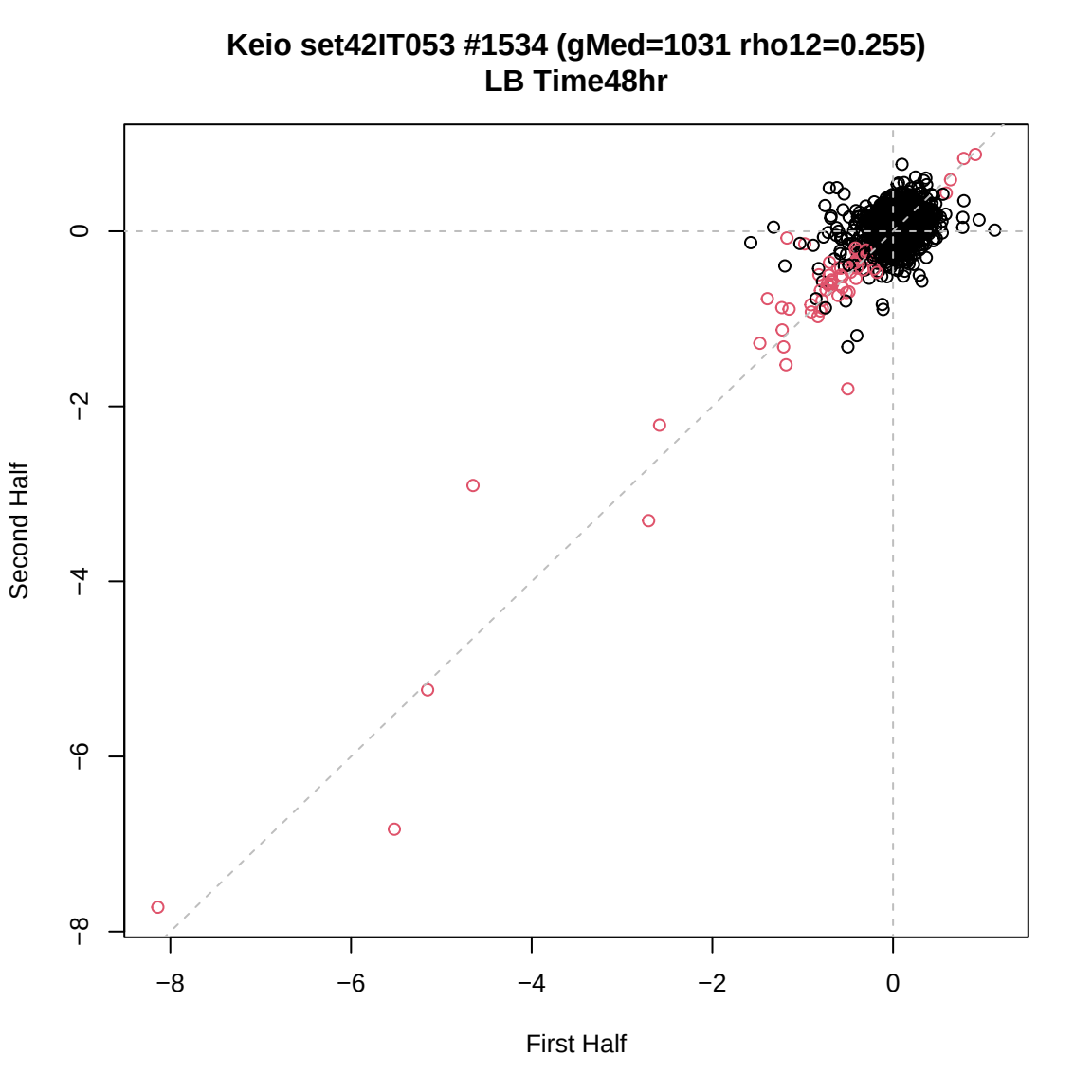

Keio set42IT019 #1528 (gMed=898 rho12=0.360)
LB regrowth after 48hrs
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

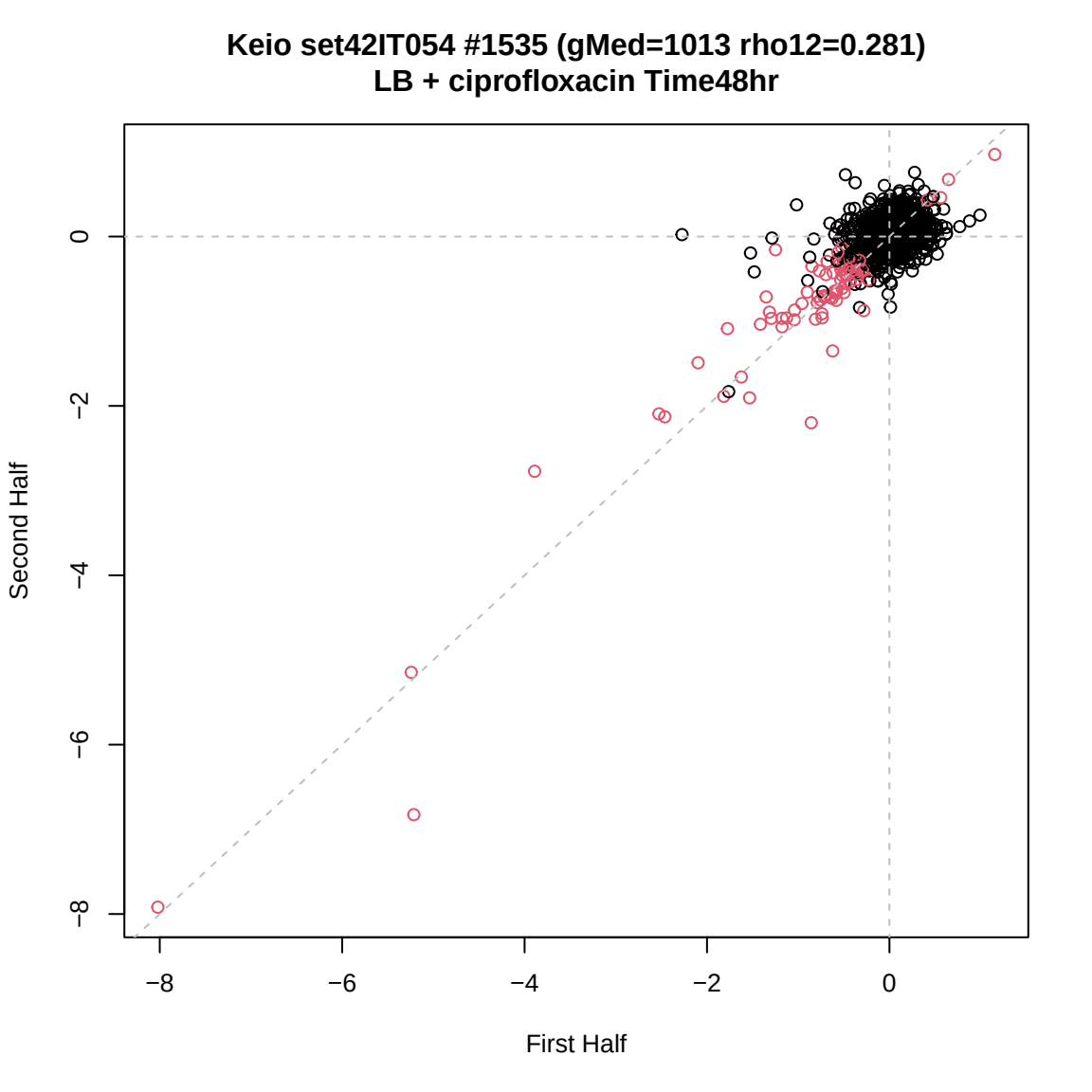

Keio set42IT049 #1530 (gMed=1038 rho12=0.243)
LB + carbenicillin Time8hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

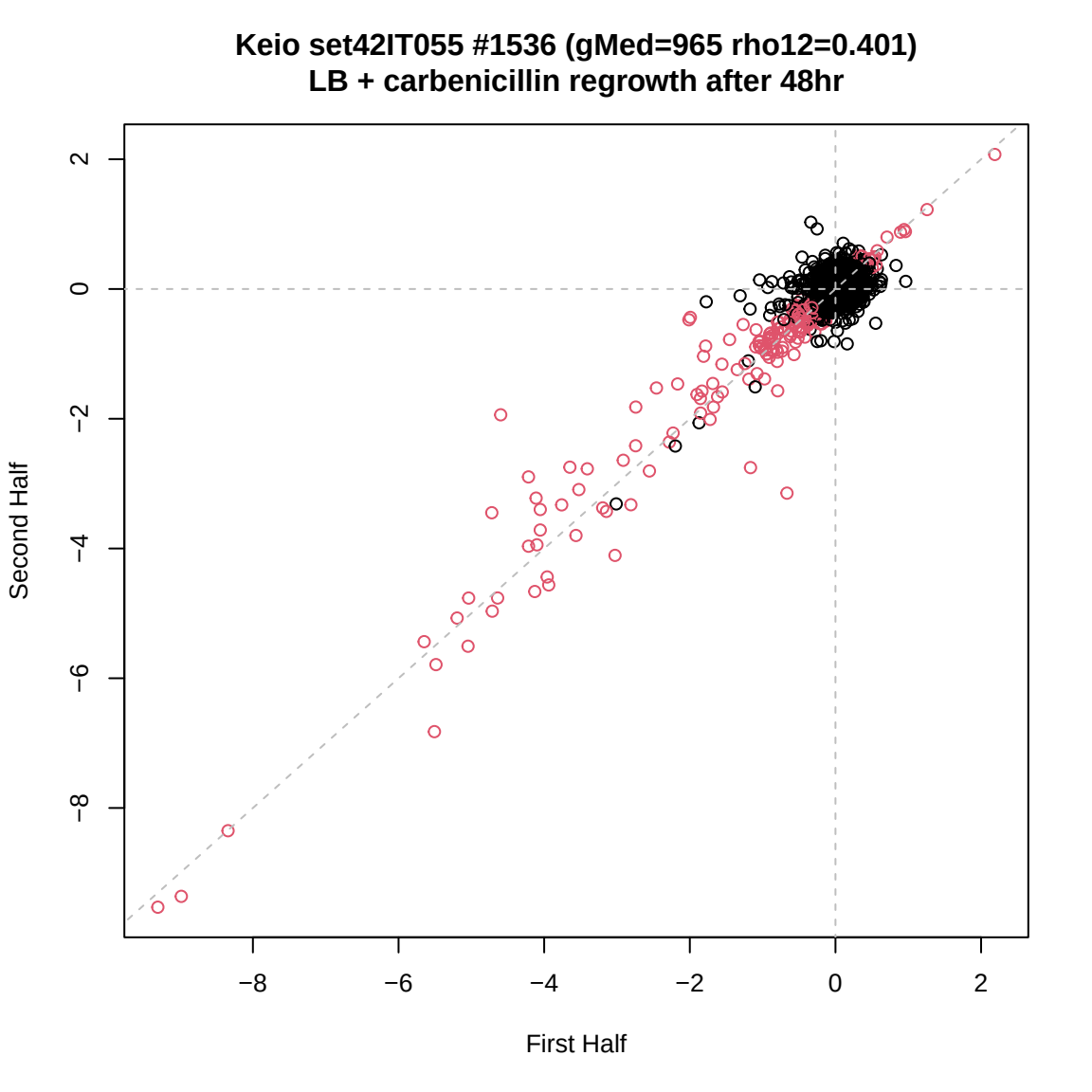

Keio set42IT050 #1531 (gMed=687 rho12=0.223)
LB Time9hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

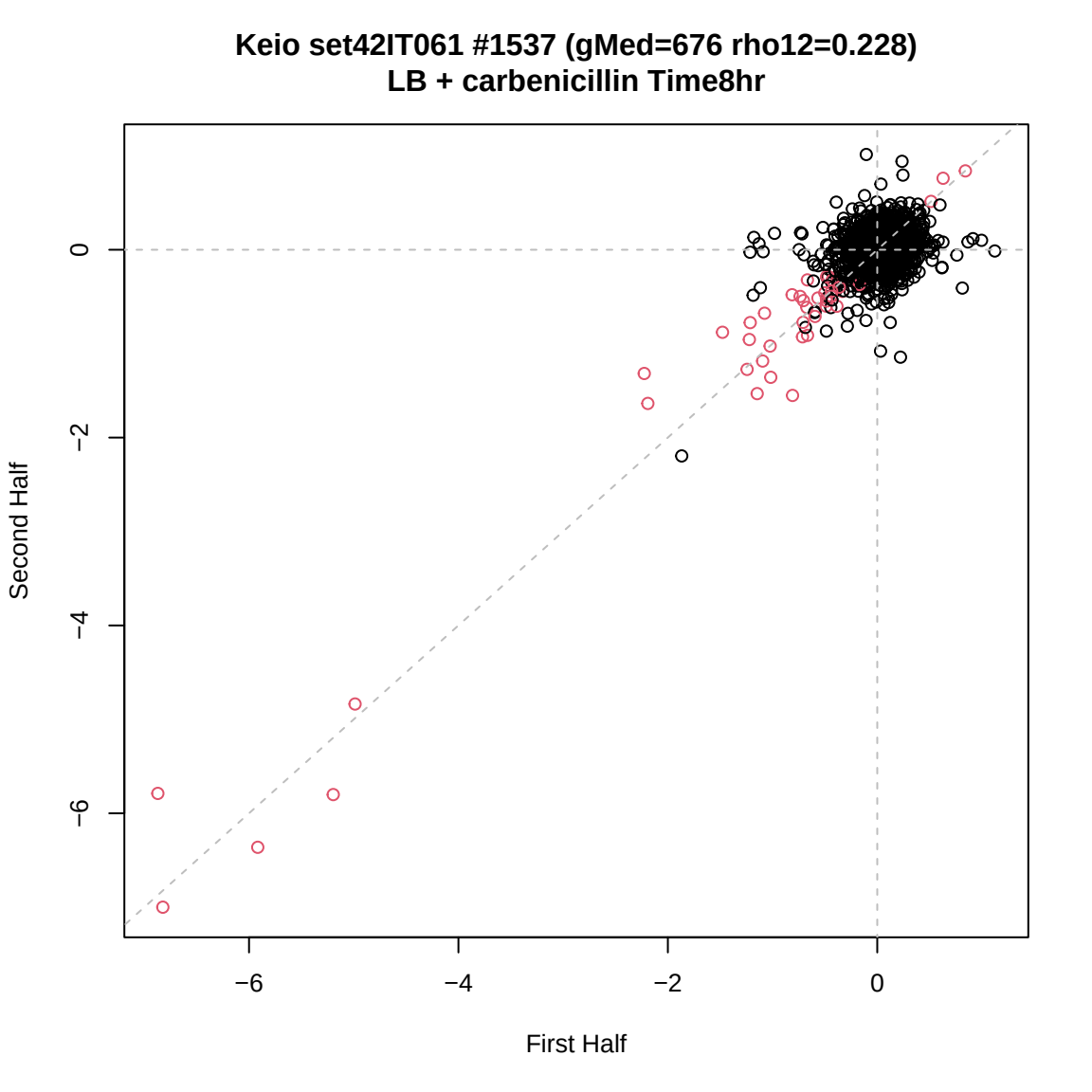

Keio set42IT051 #1532 (gMed=1021 rho12=0.226)
LB + ciprofloxacin Time9hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

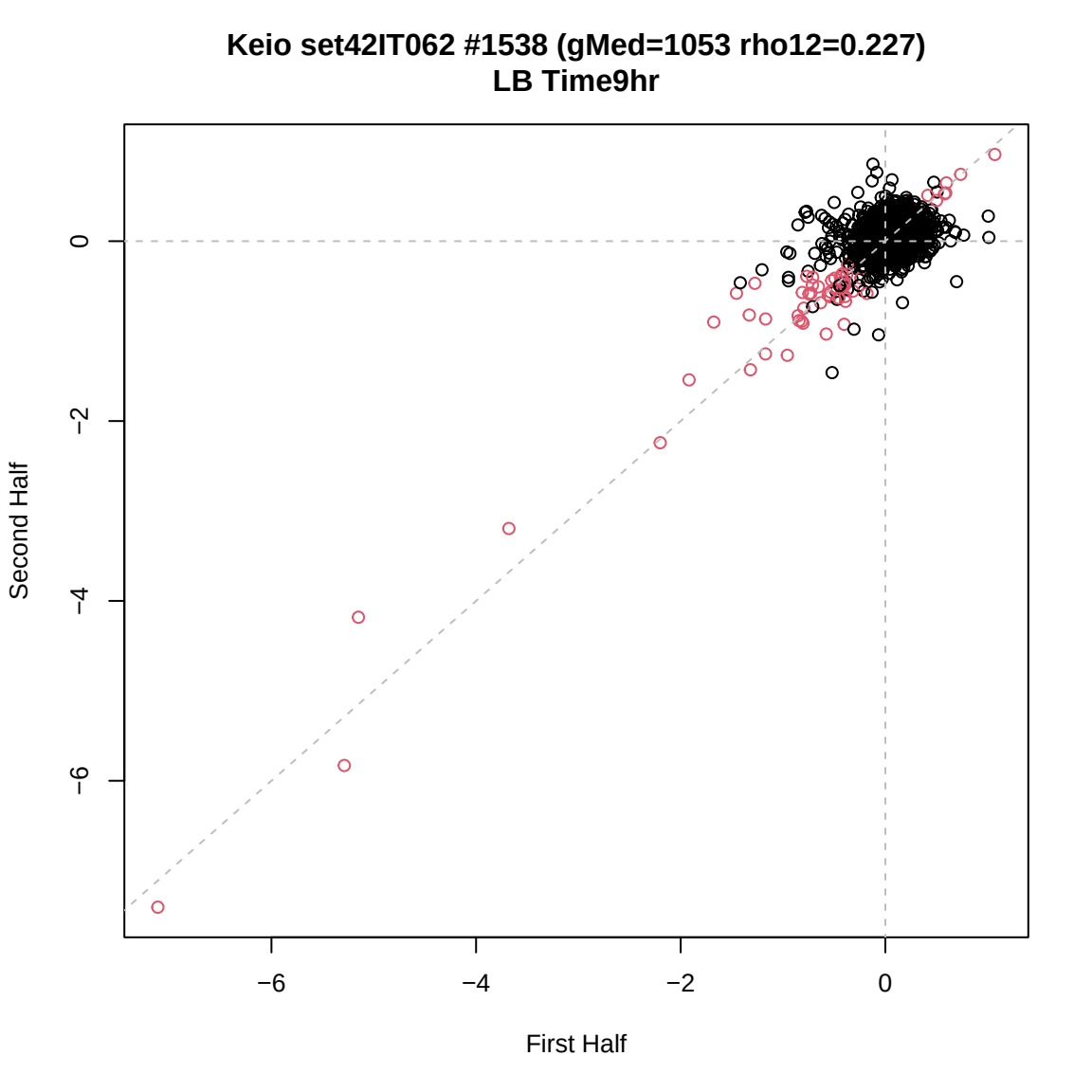

Keio set42IT052 #1533 (gMed=962 rho12=0.273)
LB + carbenicillin Time24hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

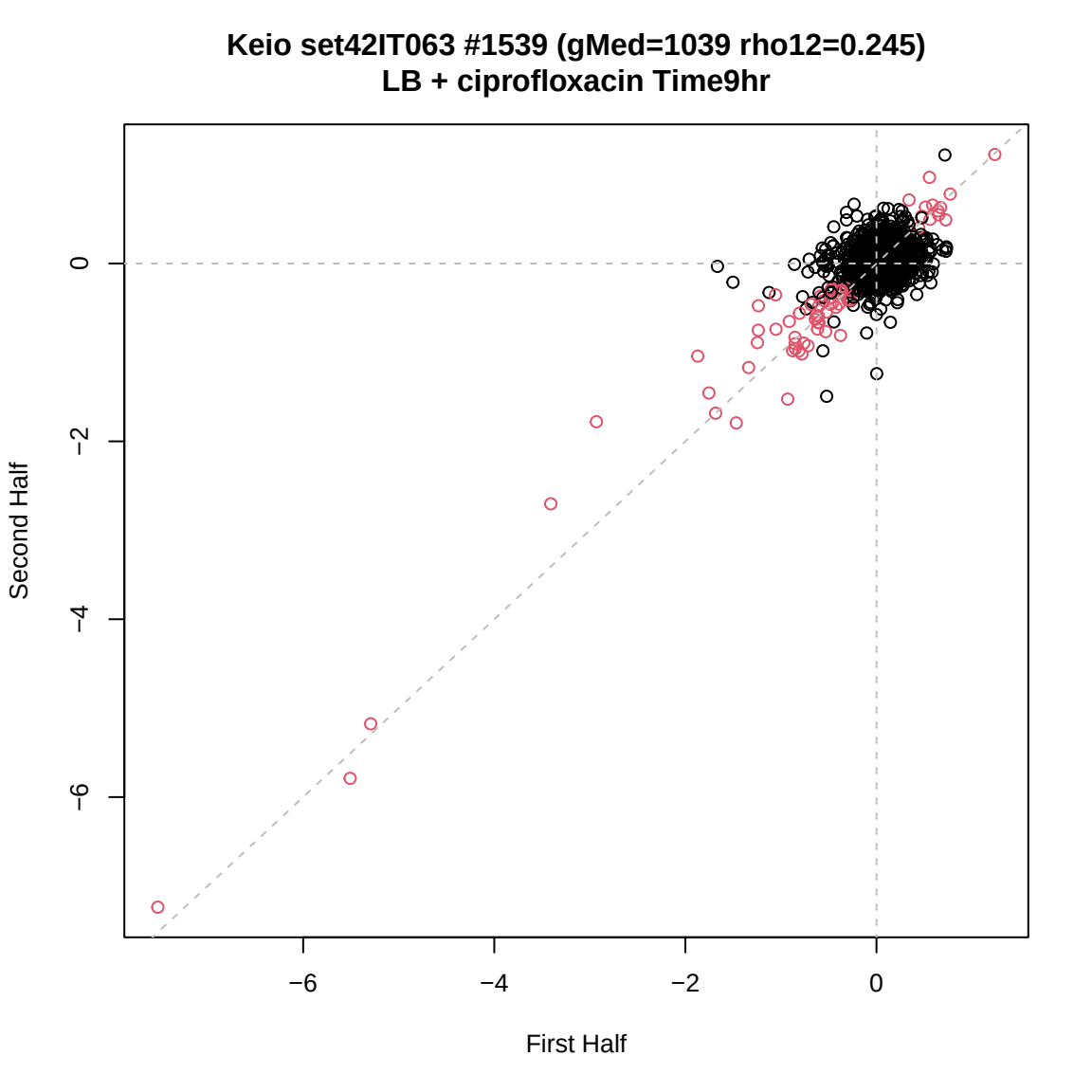

Keio set42IT053 #1534 (gMed=1031 rho12=0.255)
LB Time48hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

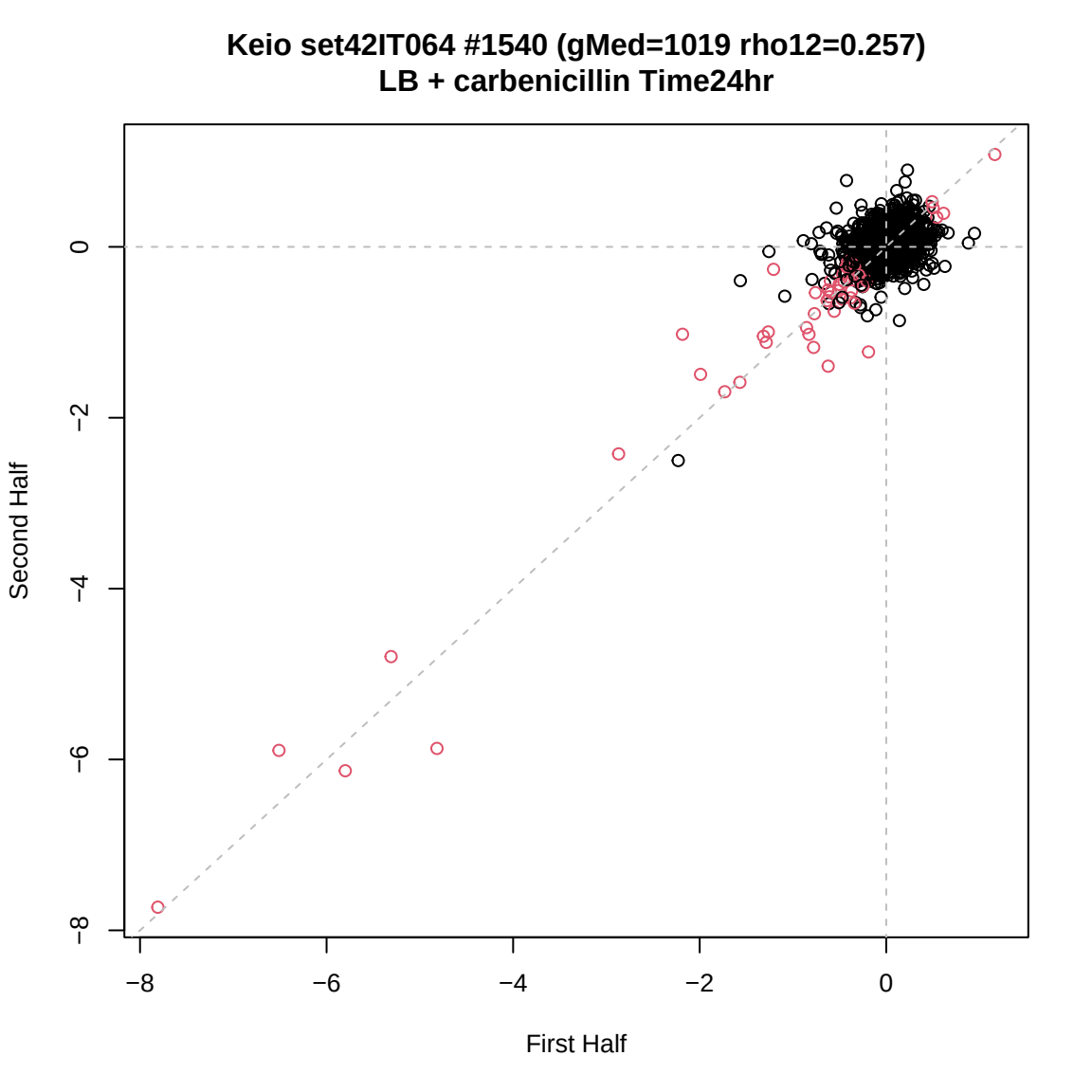

Keio set42IT054 #1535 (gMed=1013 rho12=0.281)
LB + ciprofloxacin Time48hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

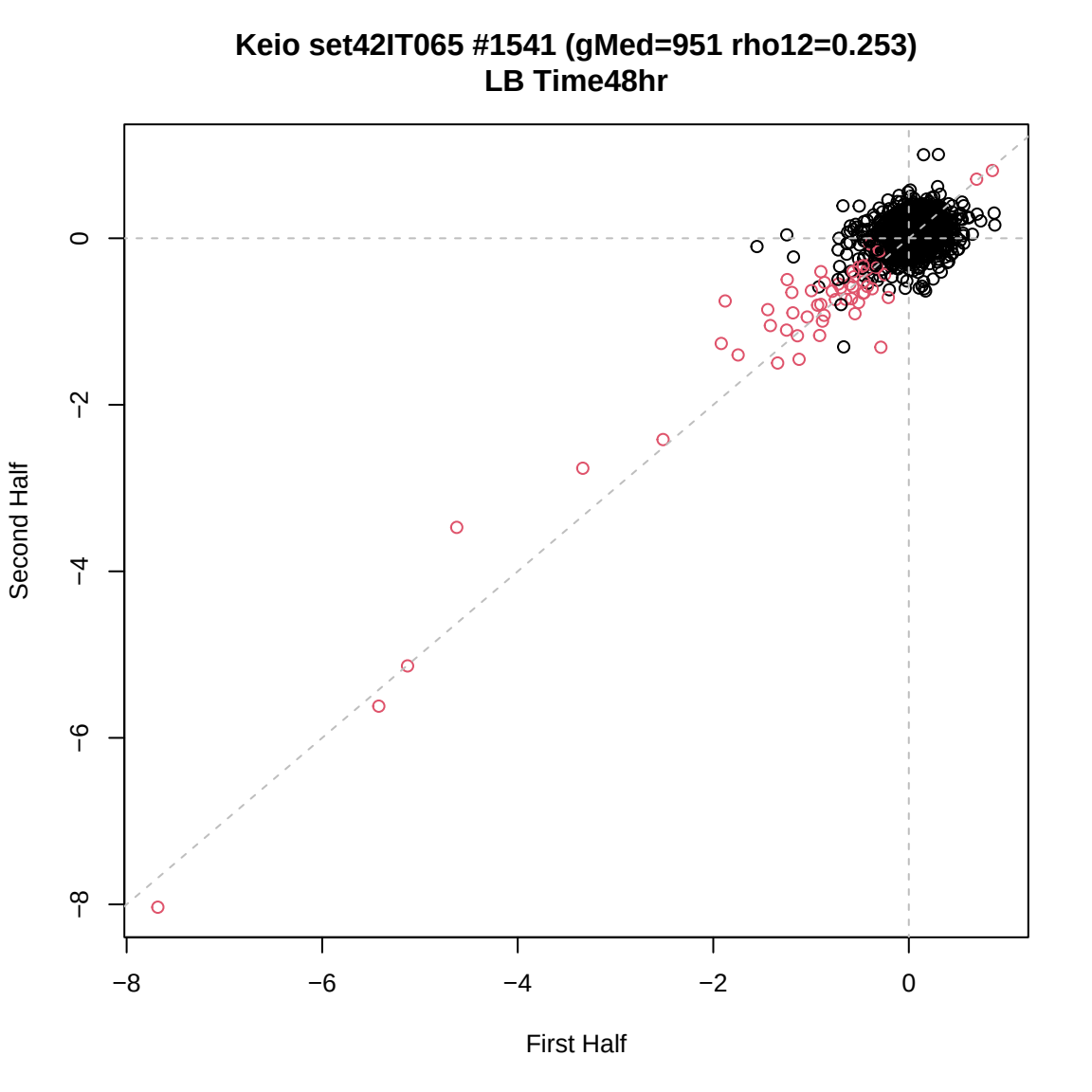

Keio set42IT055 #1536 (gMed=965 rho12=0.401)
LB + carbenicillin regrowth after 48hr
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

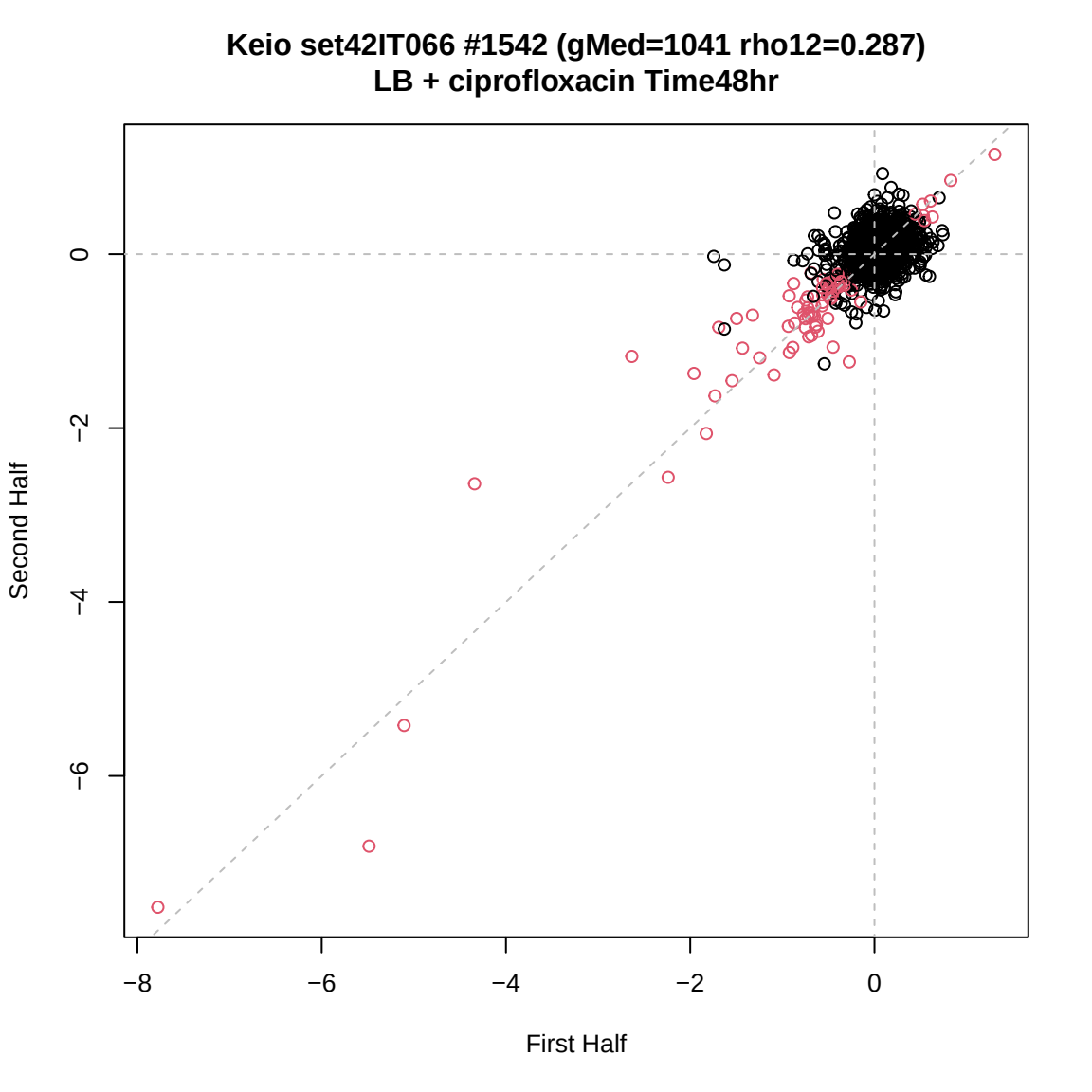

Keio set42IT061 #1537 (gMed=676 rho12=0.228)
LB + carbenicillin Time8hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

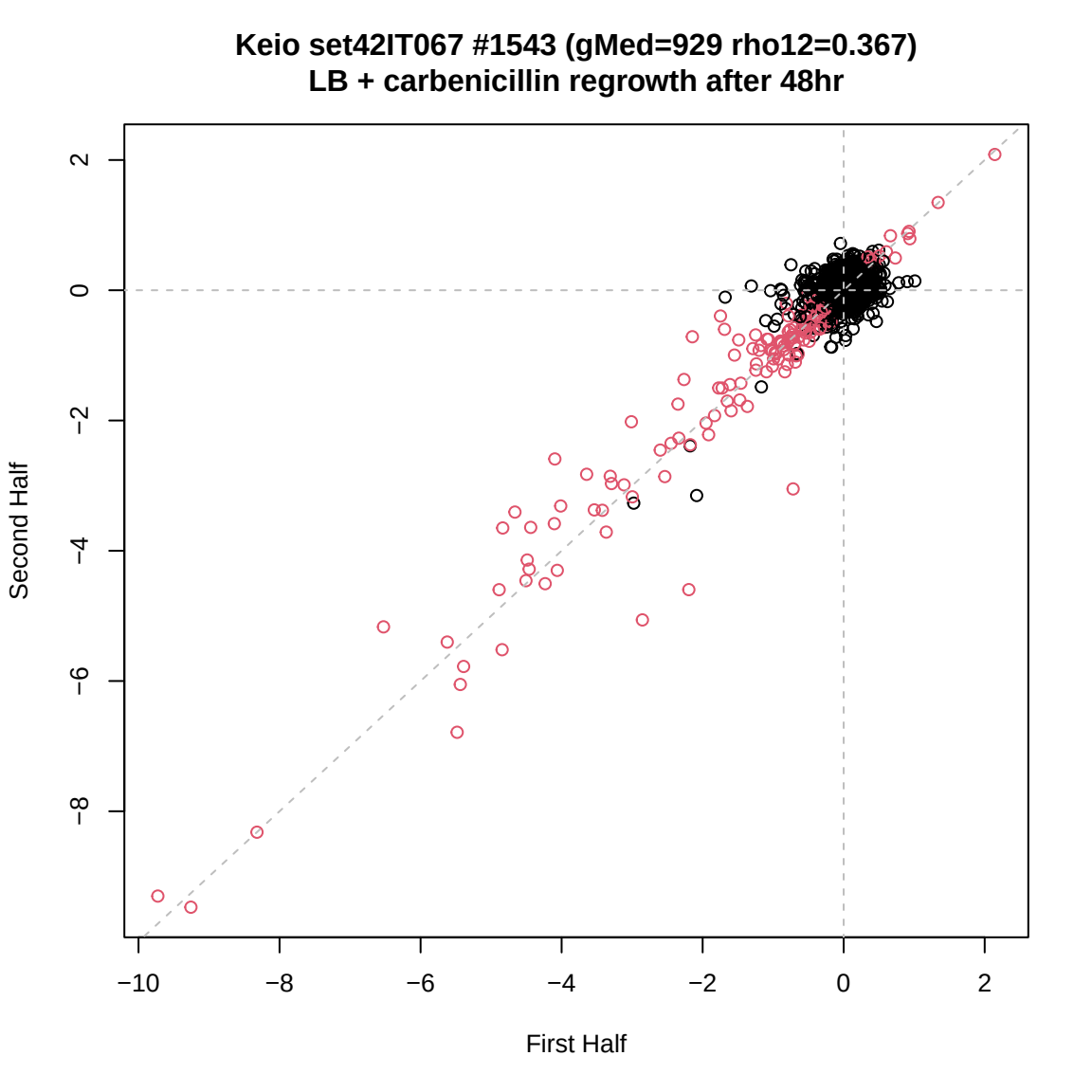

Keio set42IT062 #1538 (gMed=1053 rho12=0.227)
LB Time9hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

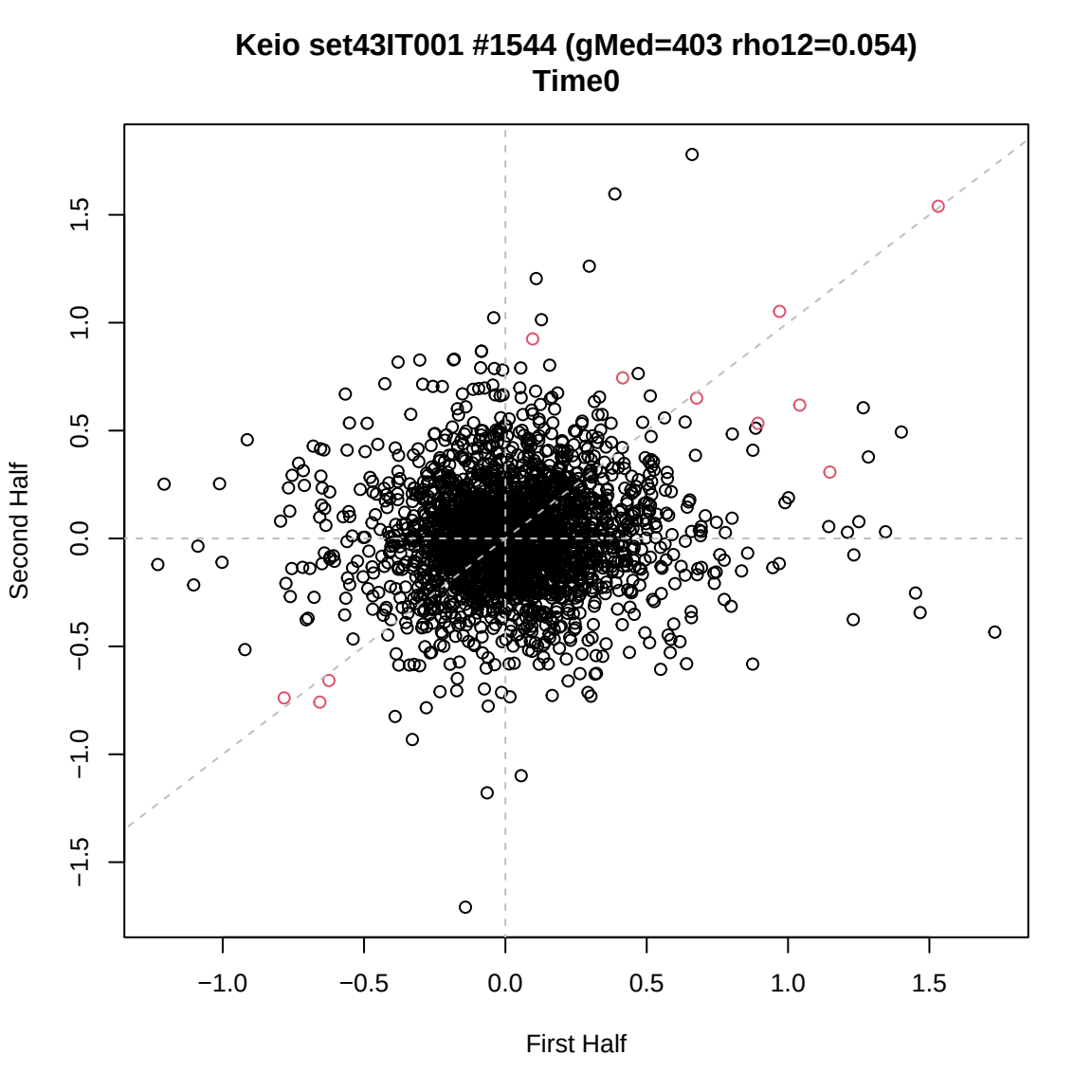

Keio set42IT063 #1539 (gMed=1039 rho12=0.245)
LB + ciprofloxacin Time9hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

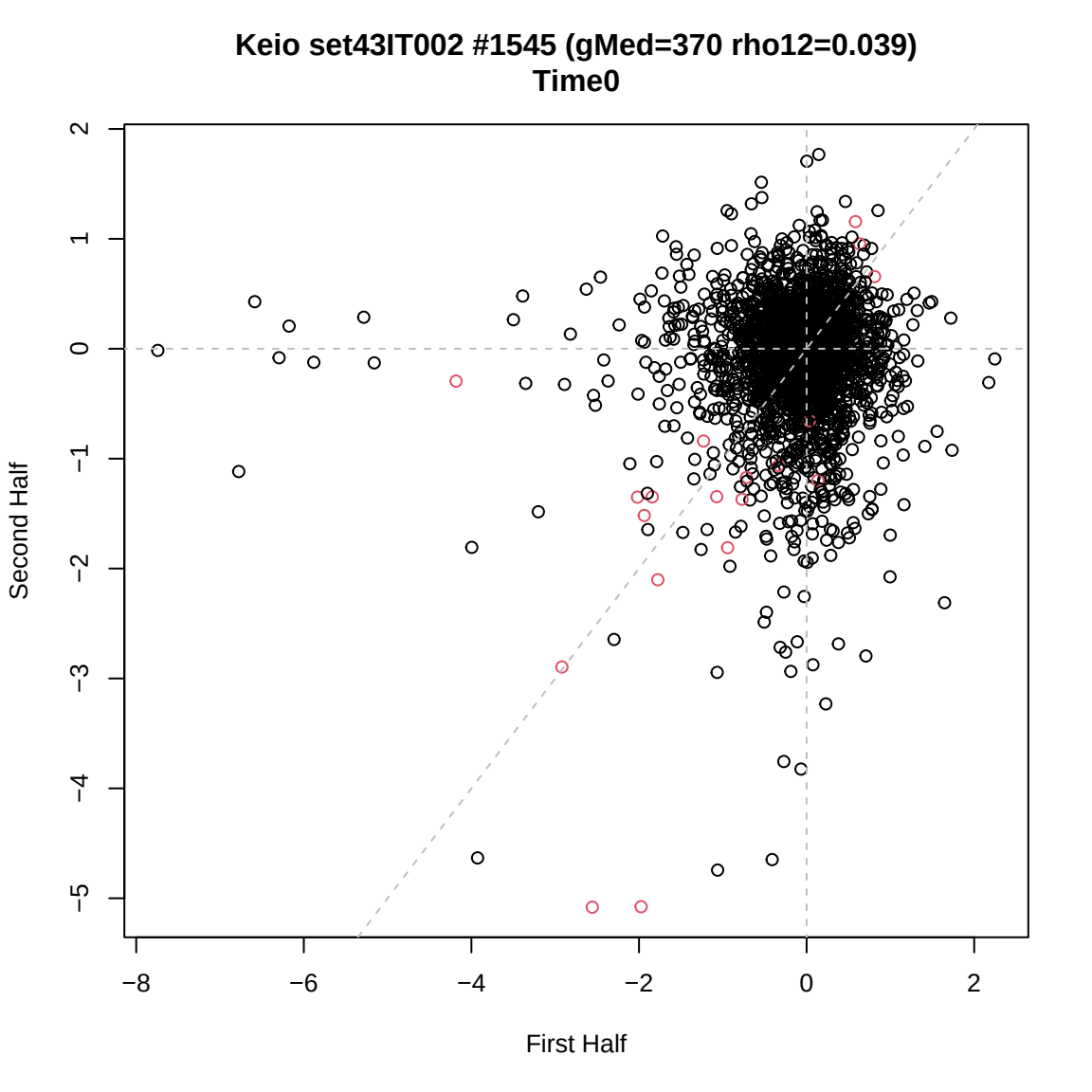

Keio set42IT064 #1540 (gMed=1019 rho12=0.257)
LB + carbenicillin Time24hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

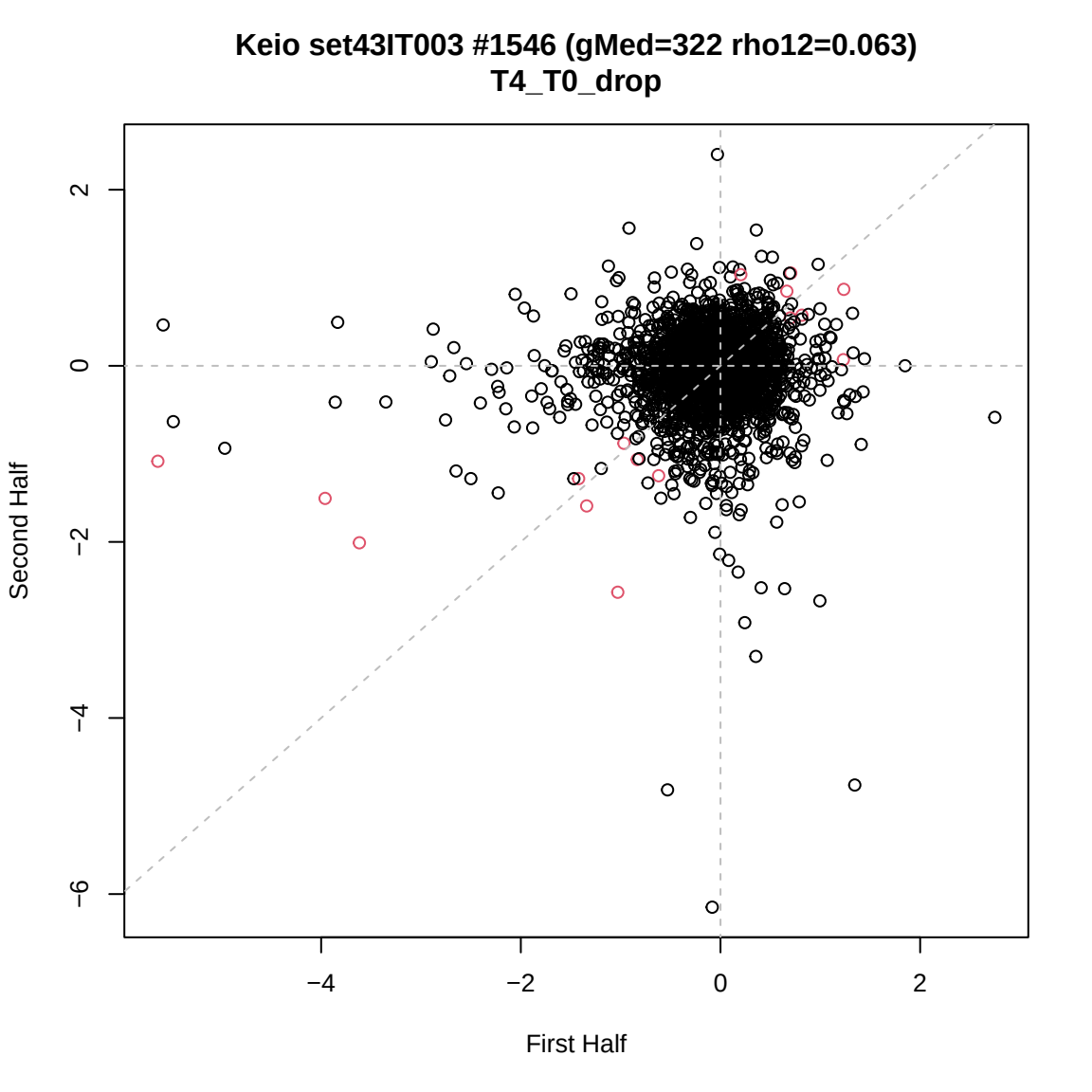

Keio set42IT065 #1541 (gMed=951 rho12=0.253)
LB Time48hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

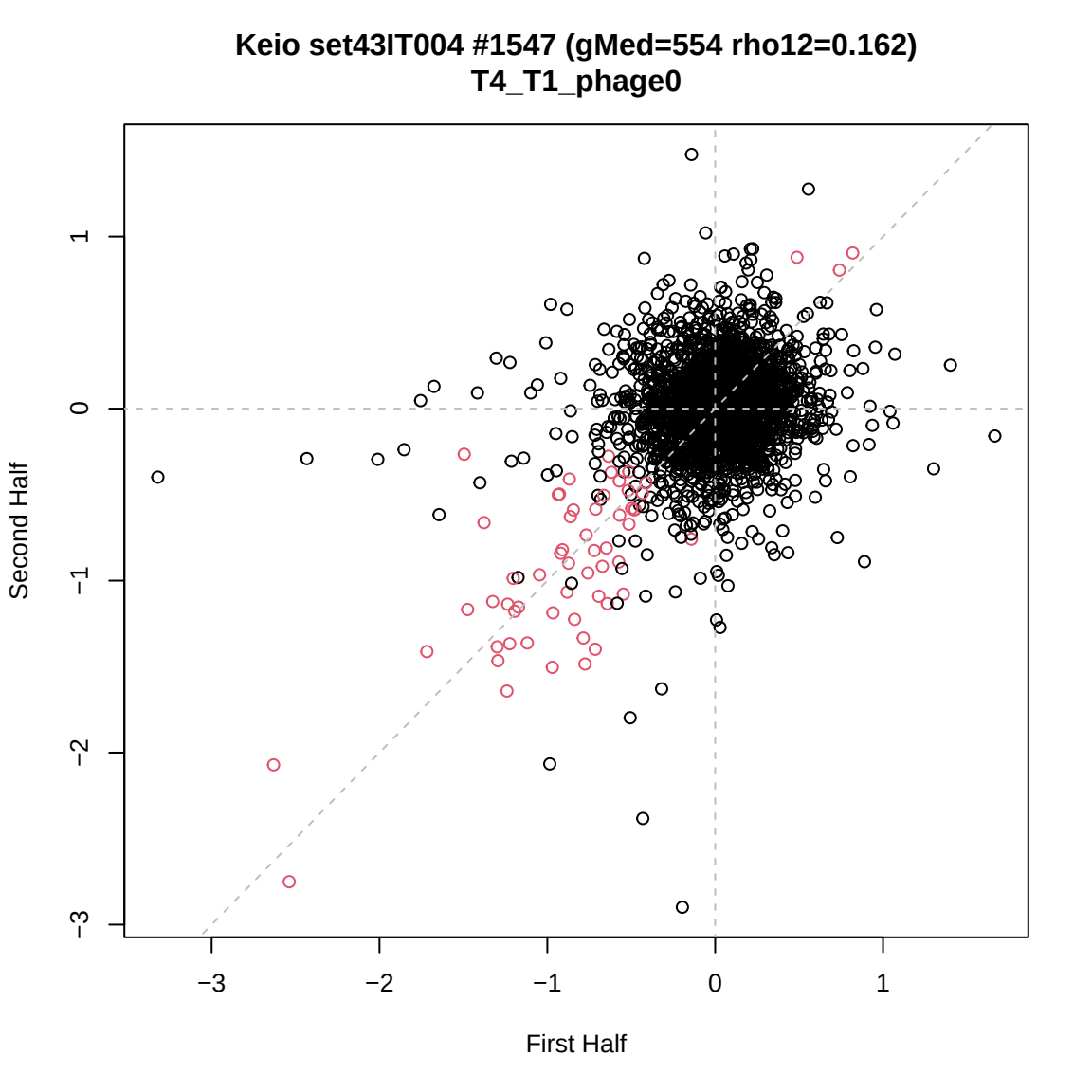

Keio set42IT066 #1542 (gMed=1041 rho12=0.287)
LB + ciprofloxacin Time48hr
Second Half
First Half
0
−2
−4
−6
−8

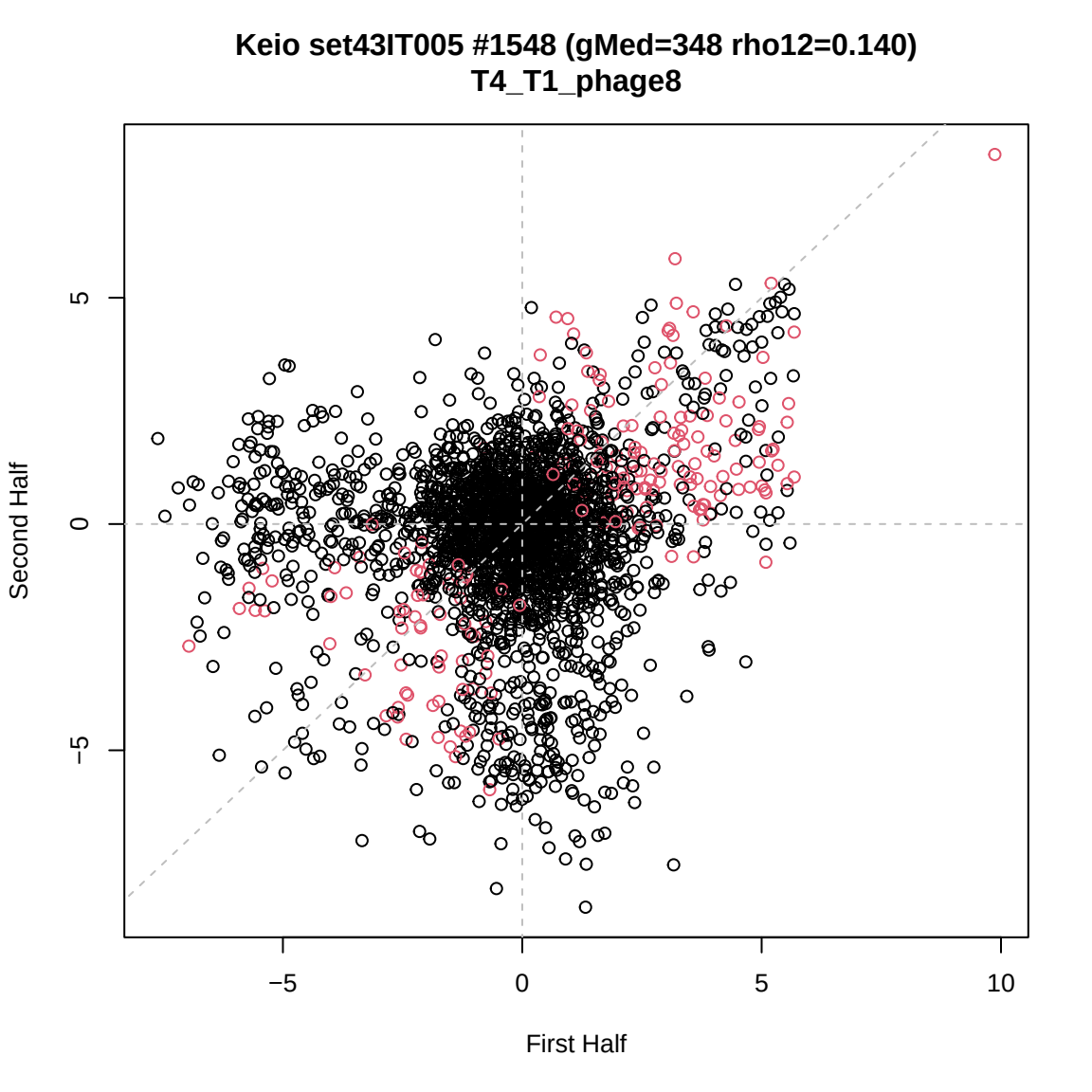

Keio set42IT067 #1543 (gMed=929 rho12=0.367)
LB + carbenicillin regrowth after 48hr
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

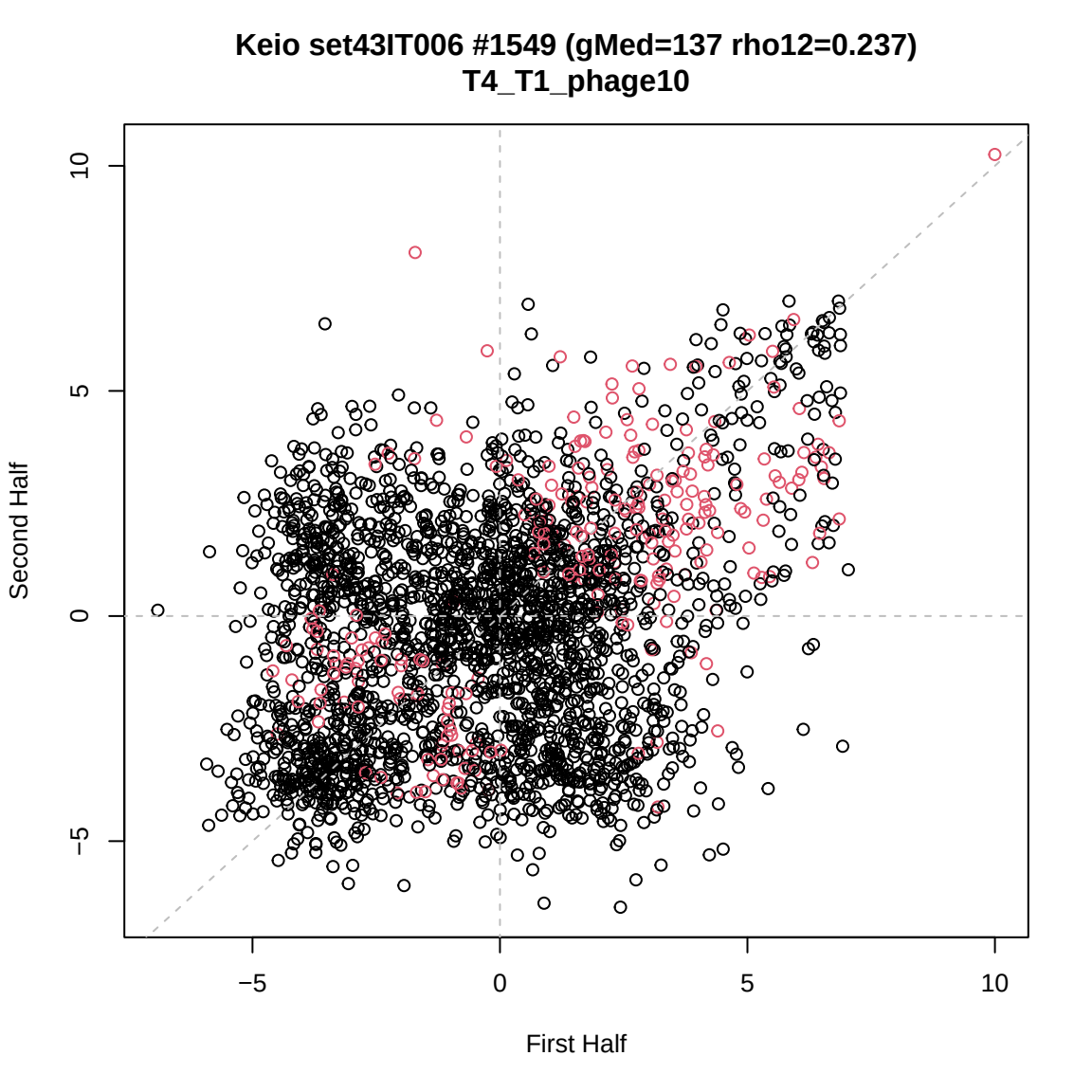

Keio set43IT001 #1544 (gMed=403 rho12=0.054)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

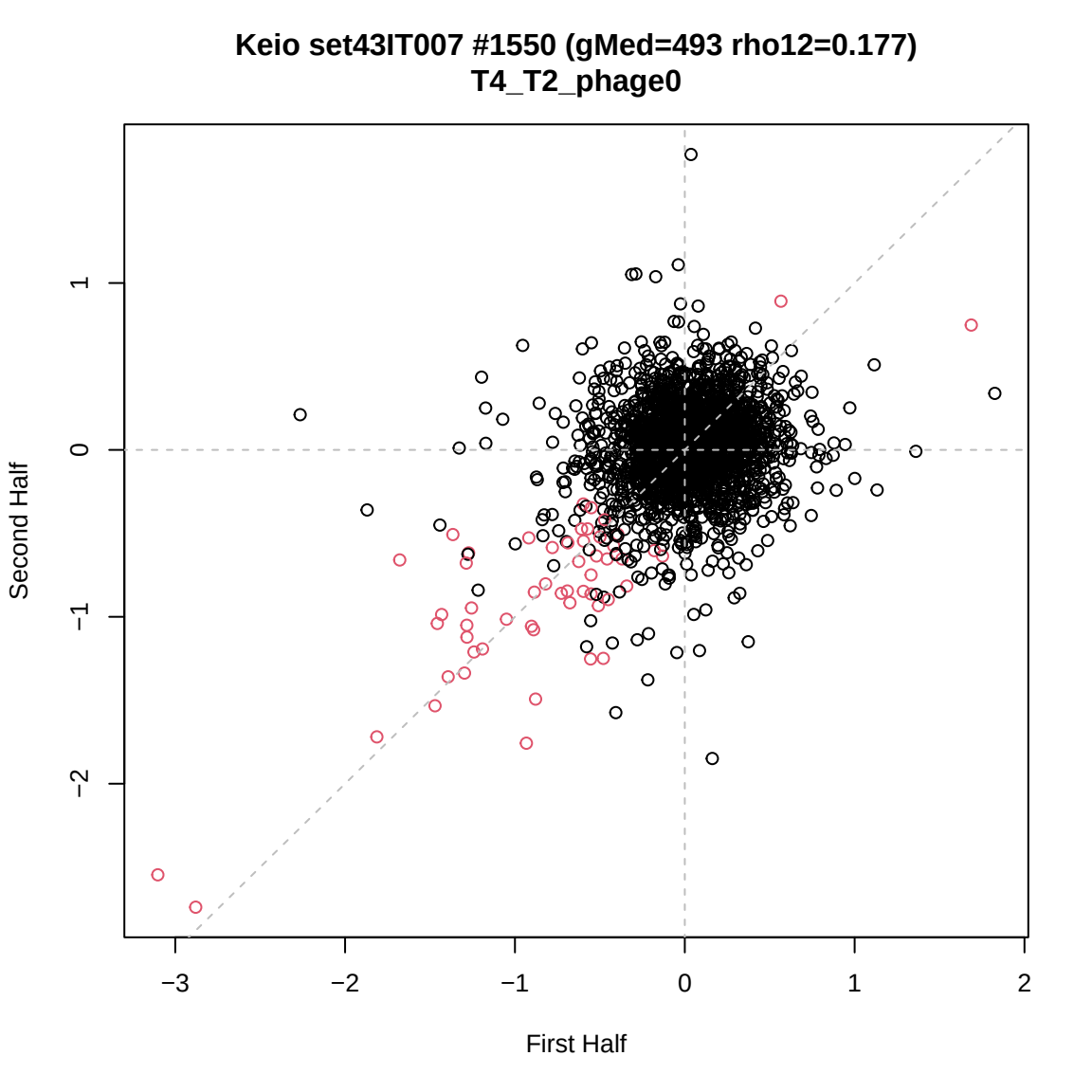

Keio set43IT002 #1545 (gMed=370 rho12=0.039)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−8
−6
−4
−2
0
2

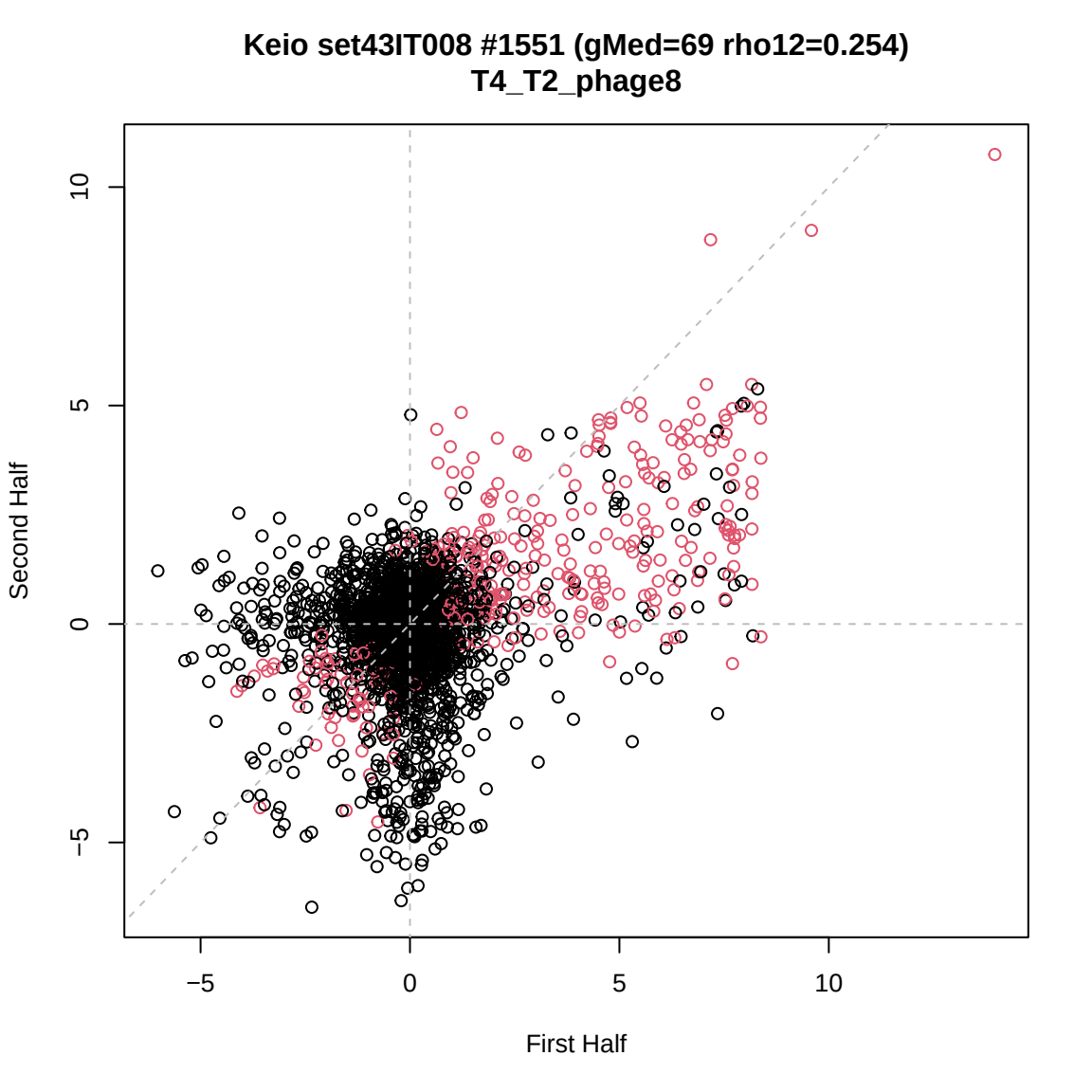

Keio set43IT003 #1546 (gMed=322 rho12=0.063)
T4_T0_drop
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

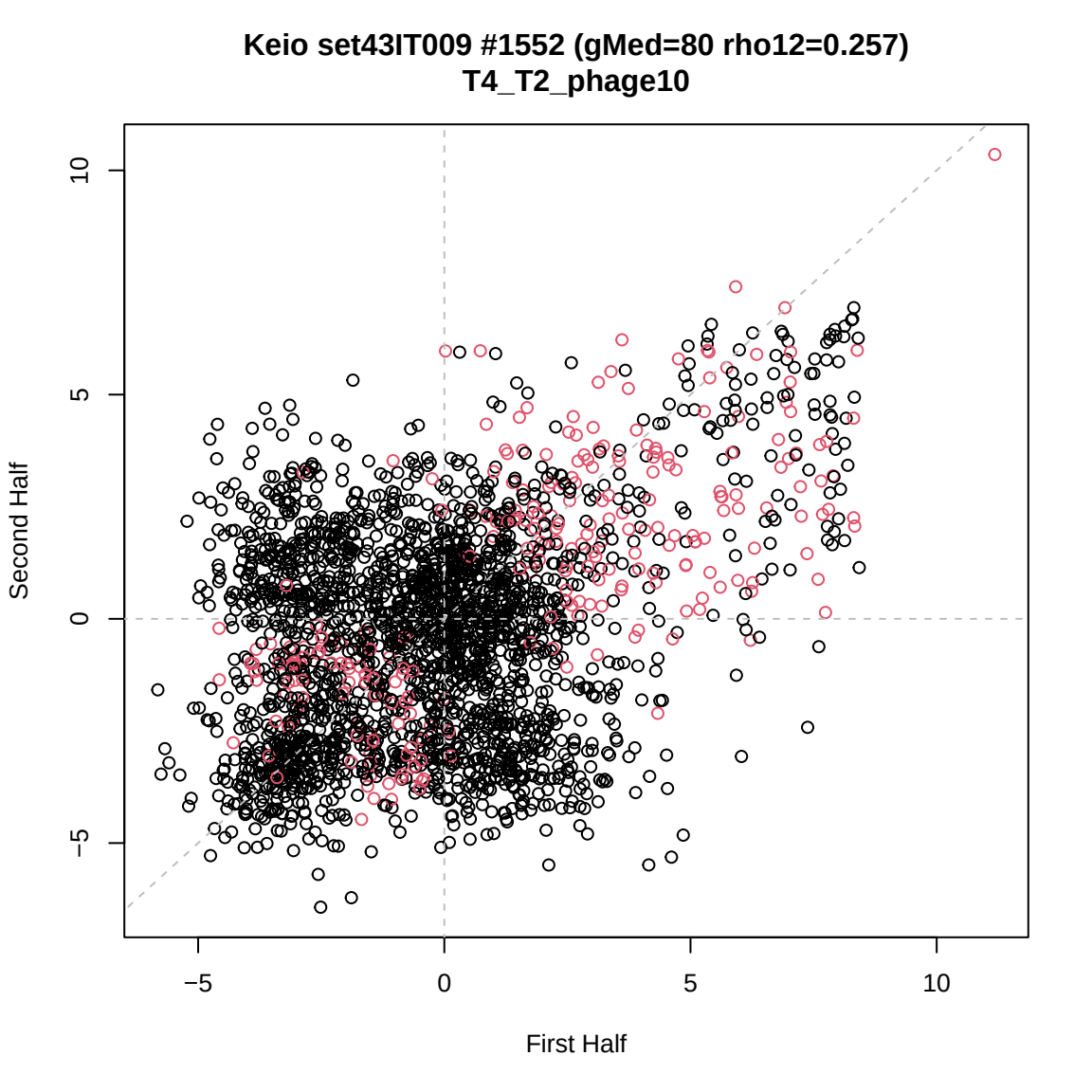

Keio set43IT004 #1547 (gMed=554 rho12=0.162)
T4_T1_phage0
Second Half
First Half
−3
−2
−1
0
1

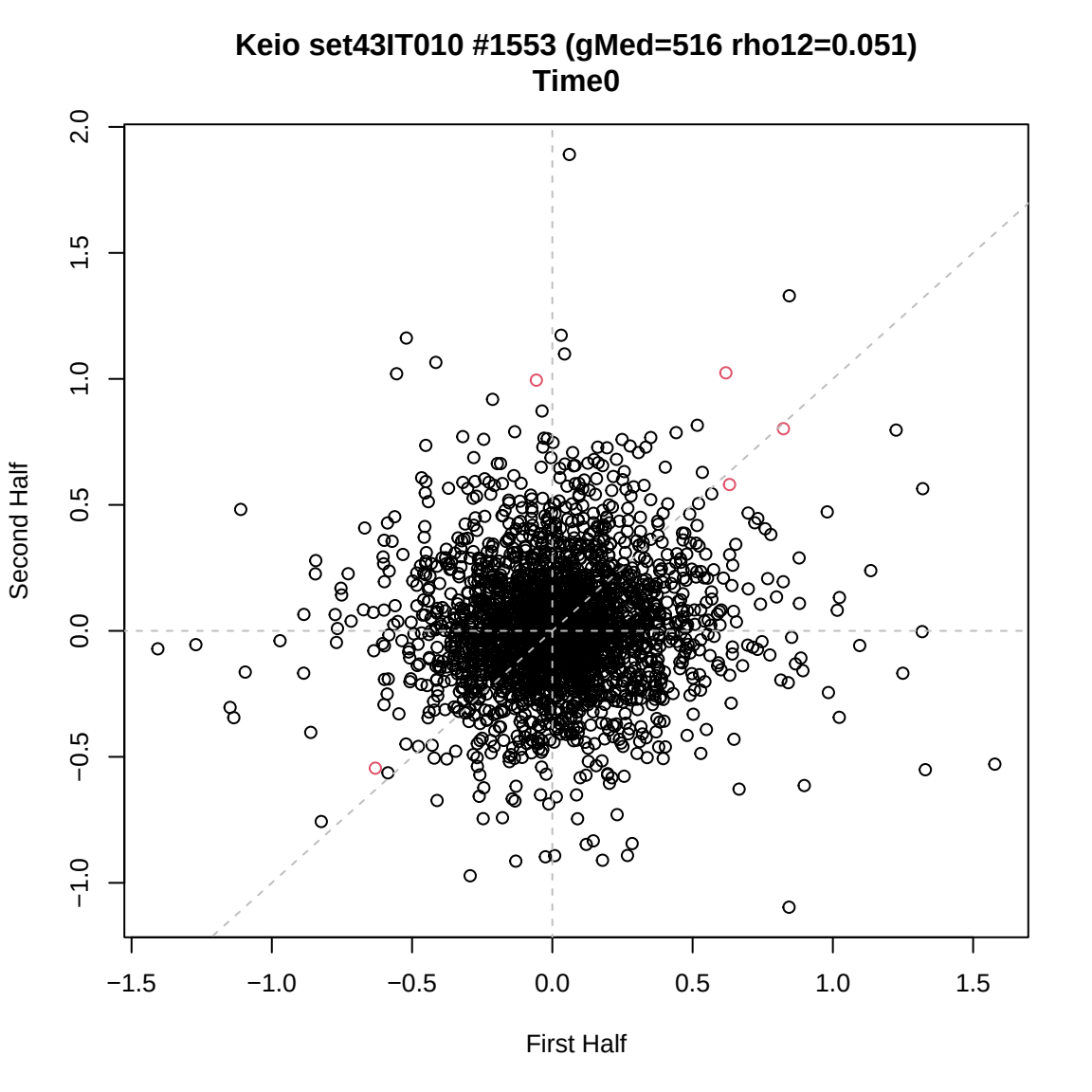

Keio set43IT005 #1548 (gMed=348 rho12=0.140)
T4_T1_phage8
Second Half
First Half
5
0
−5
−5
0
5
10

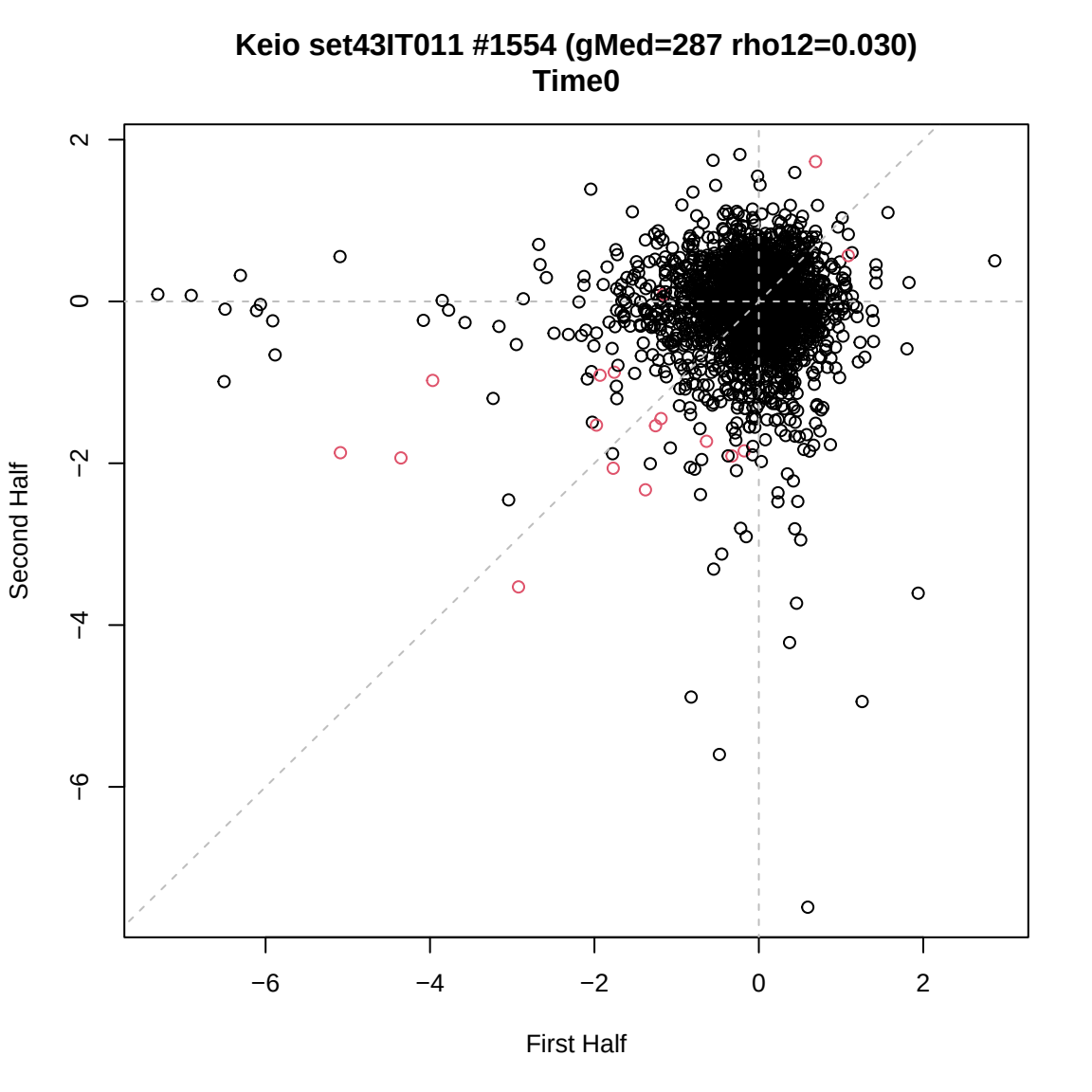

Keio set43IT006 #1549 (gMed=137 rho12=0.237)
T4_T1_phage10
Second Half
First Half
10
5
0
−5
−5
0
5
10

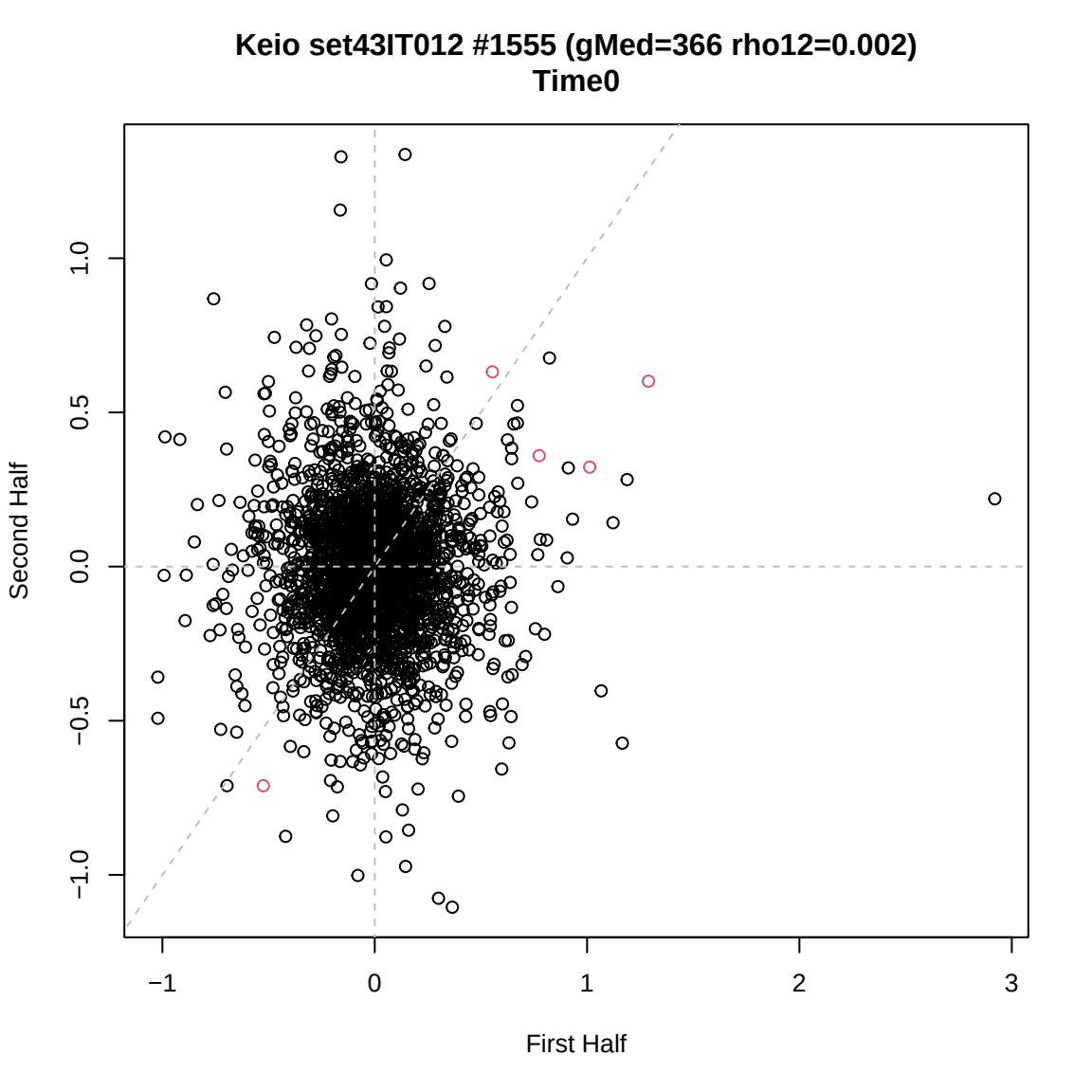

Keio set43IT007 #1550 (gMed=493 rho12=0.177)
T4_T2_phage0
Second Half
First Half
−3
−2
−1
0
1
2
−2
−1
0
1

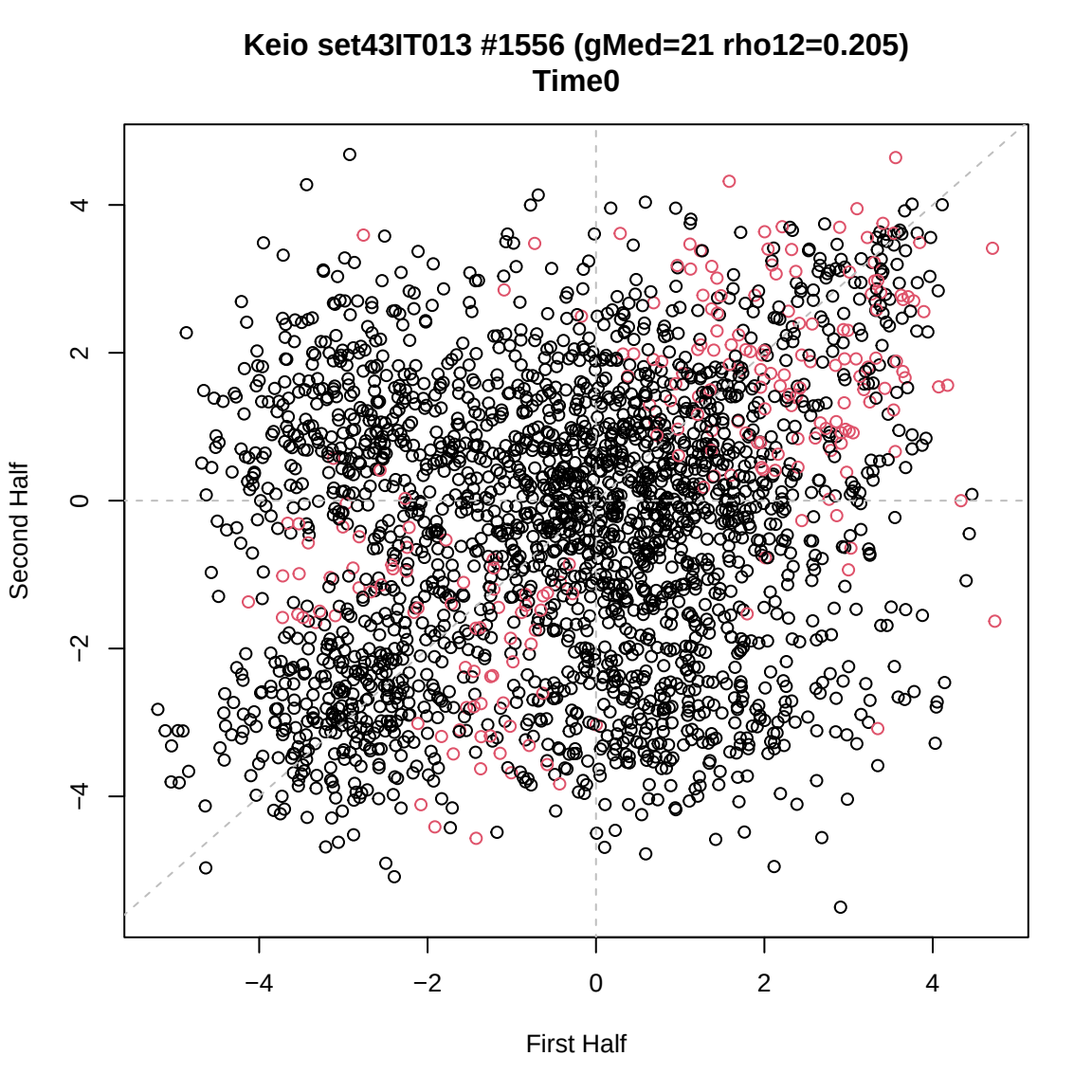

Keio set43IT008 #1551 (gMed=69 rho12=0.254)
T4_T2_phage8
Second Half
First Half
10
5
0
−5
−5
0
5
10

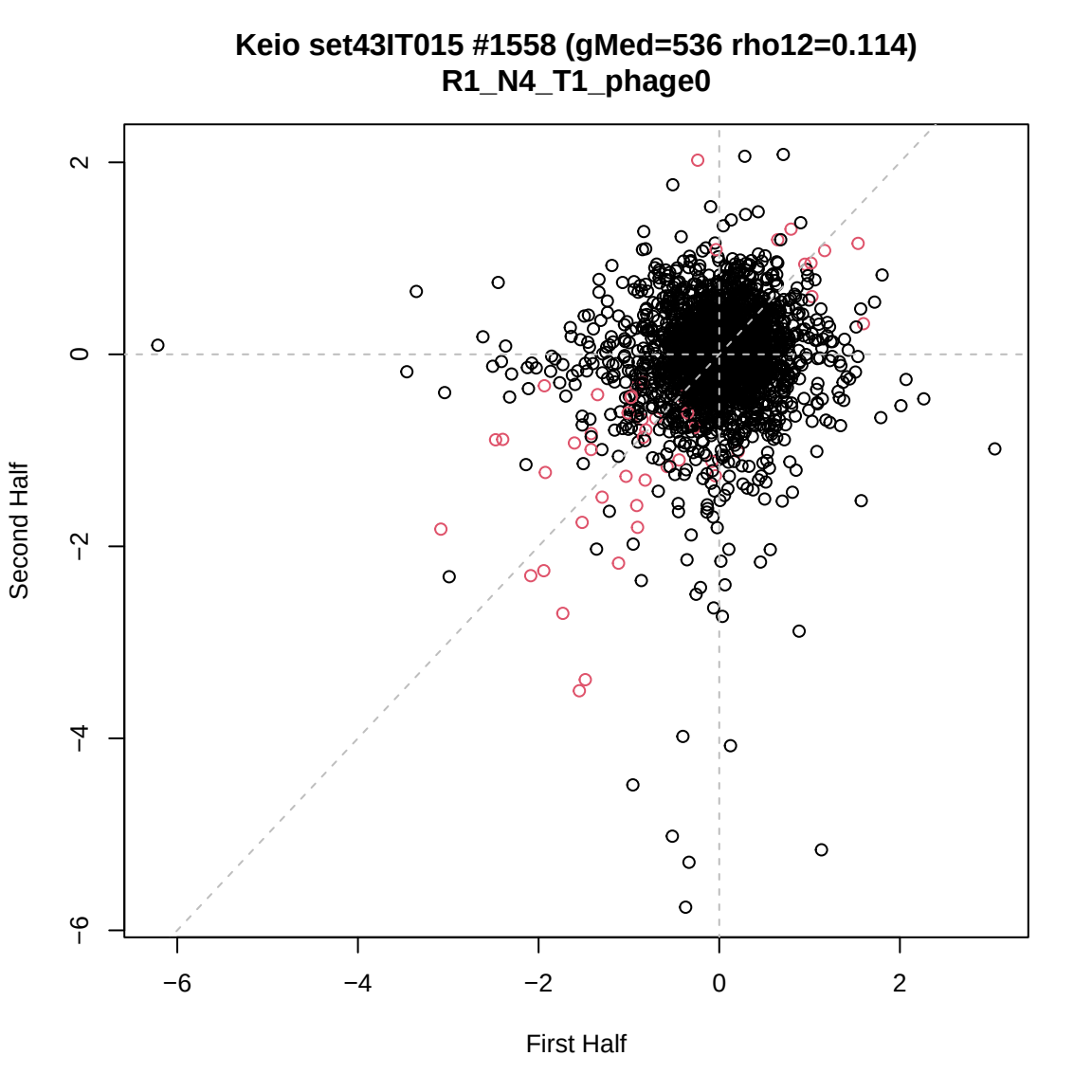

Keio set43IT009 #1552 (gMed=80 rho12=0.257)
T4_T2_phage10
Second Half
First Half
10
5
0
−5
−5
0
5
10

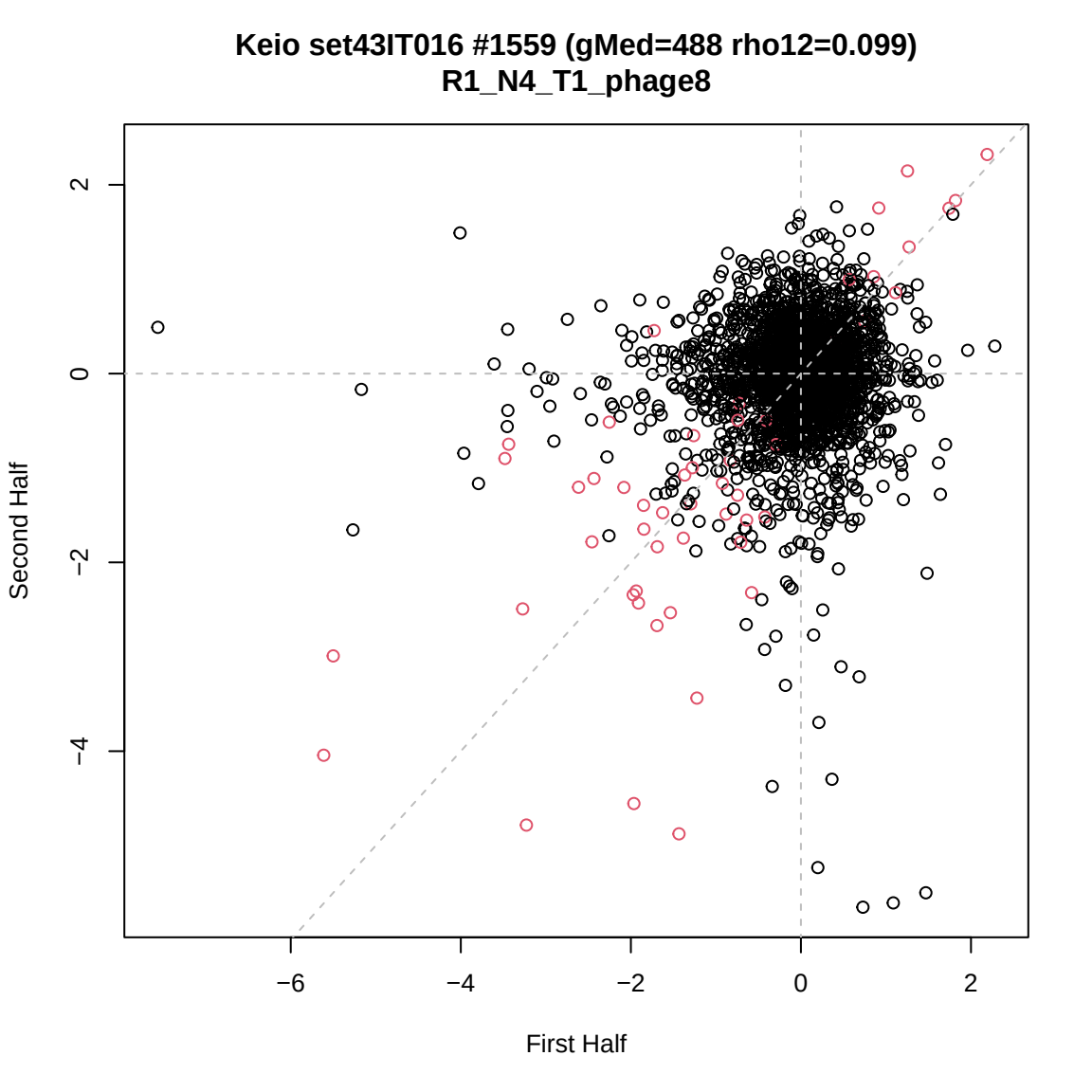

Keio set43IT010 #1553 (gMed=516 rho12=0.051)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

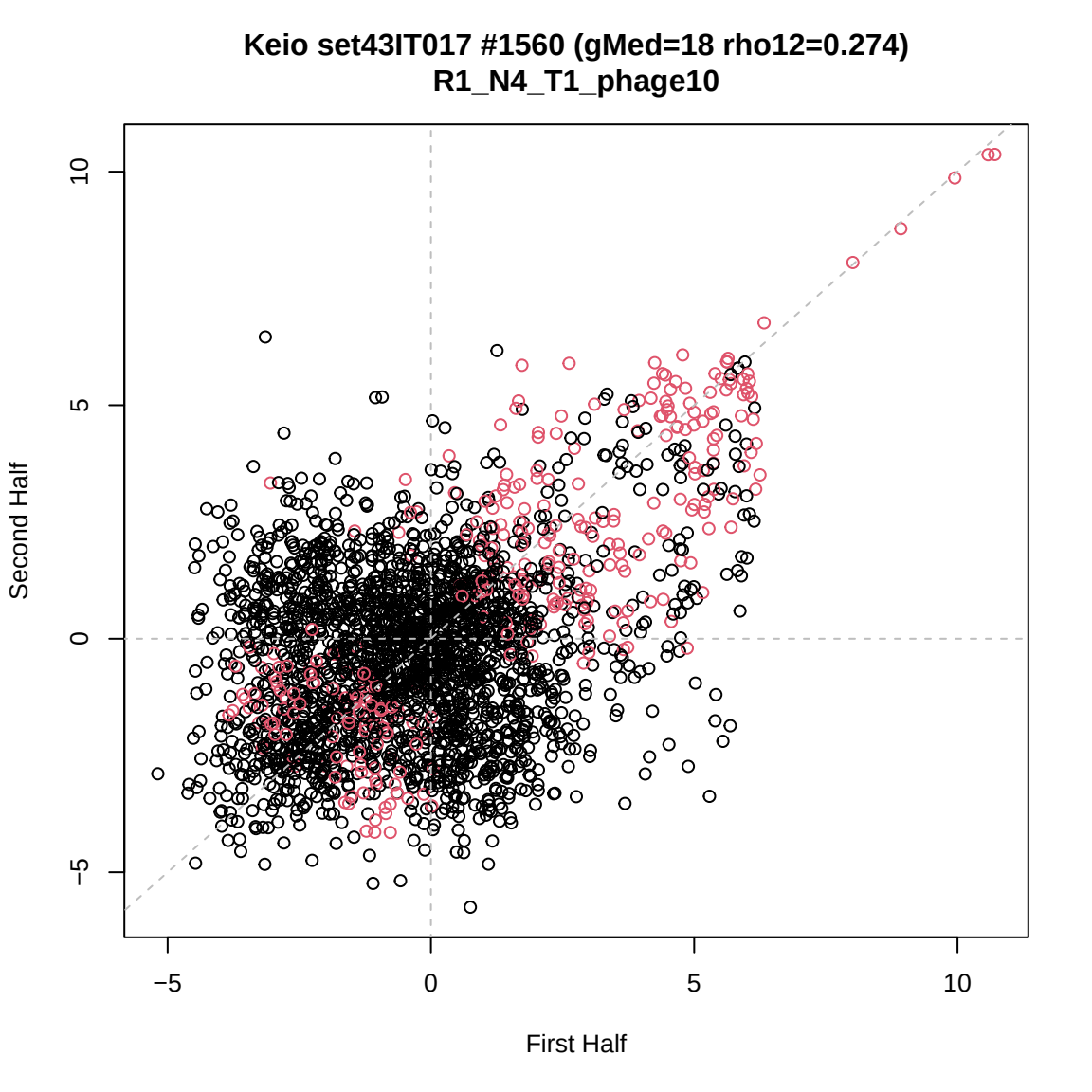

Keio set43IT011 #1554 (gMed=287 rho12=0.030)
Time0
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

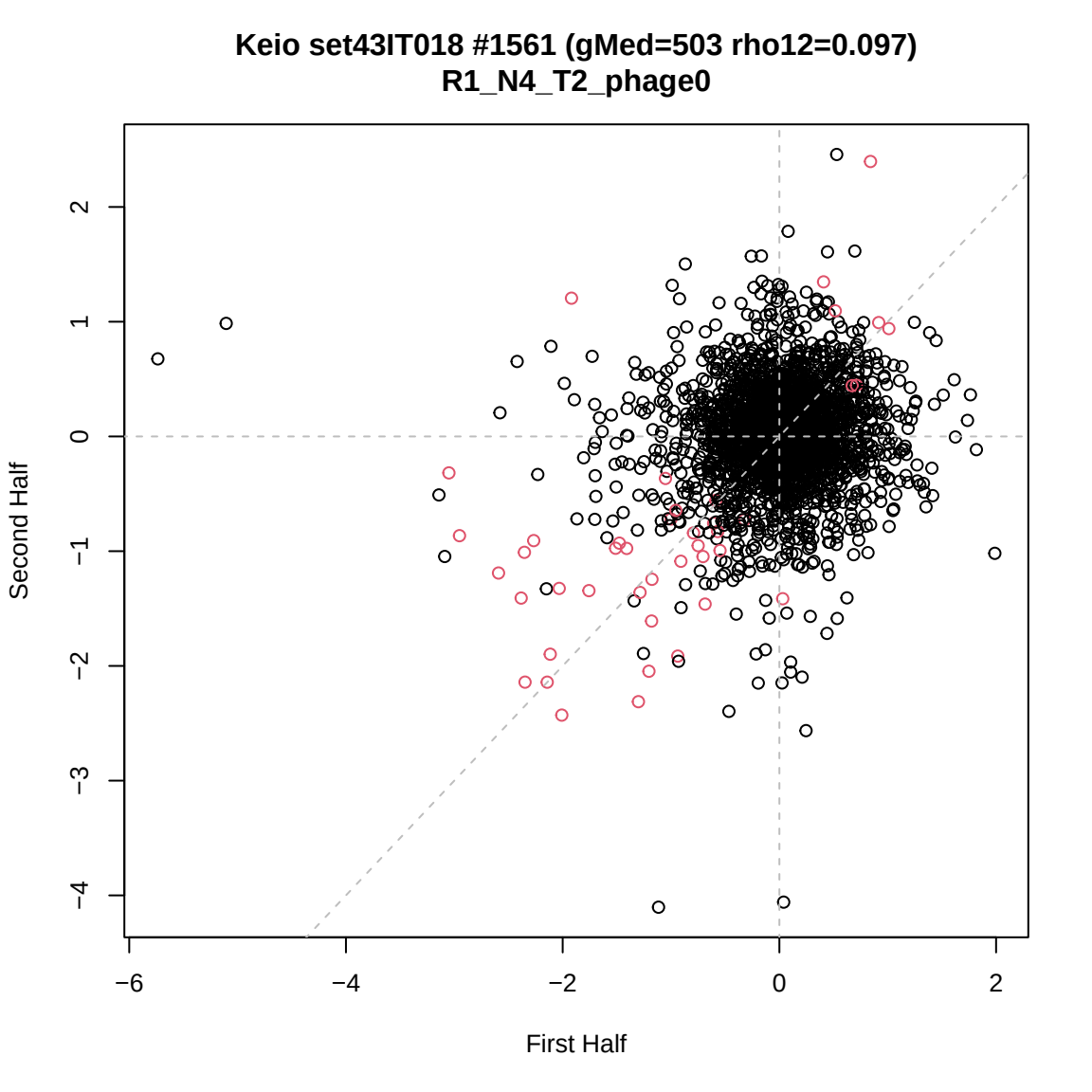

Keio set43IT012 #1555 (gMed=366 rho12=0.002)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2
3

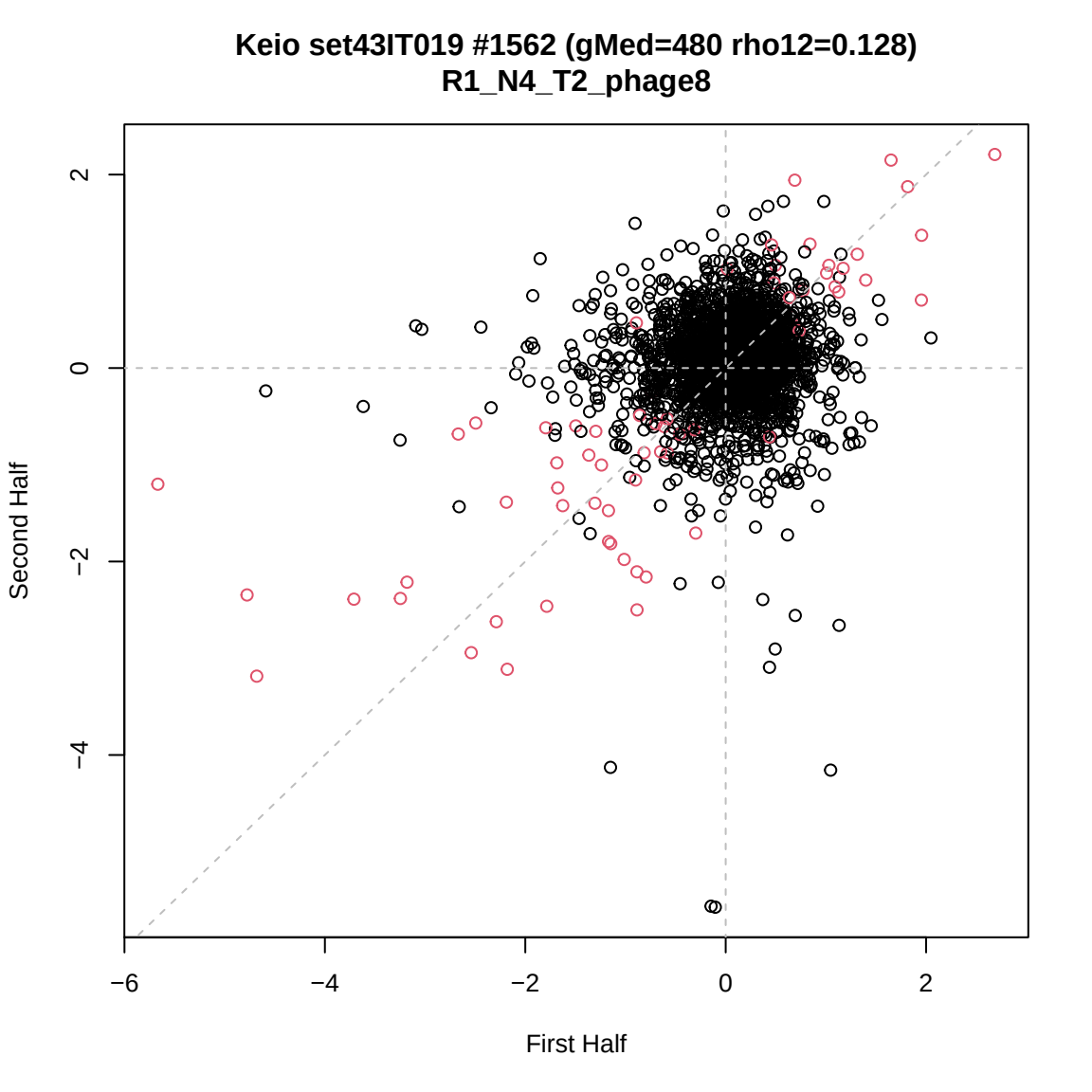

Keio set43IT013 #1556 (gMed=21 rho12=0.205)
Time0
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

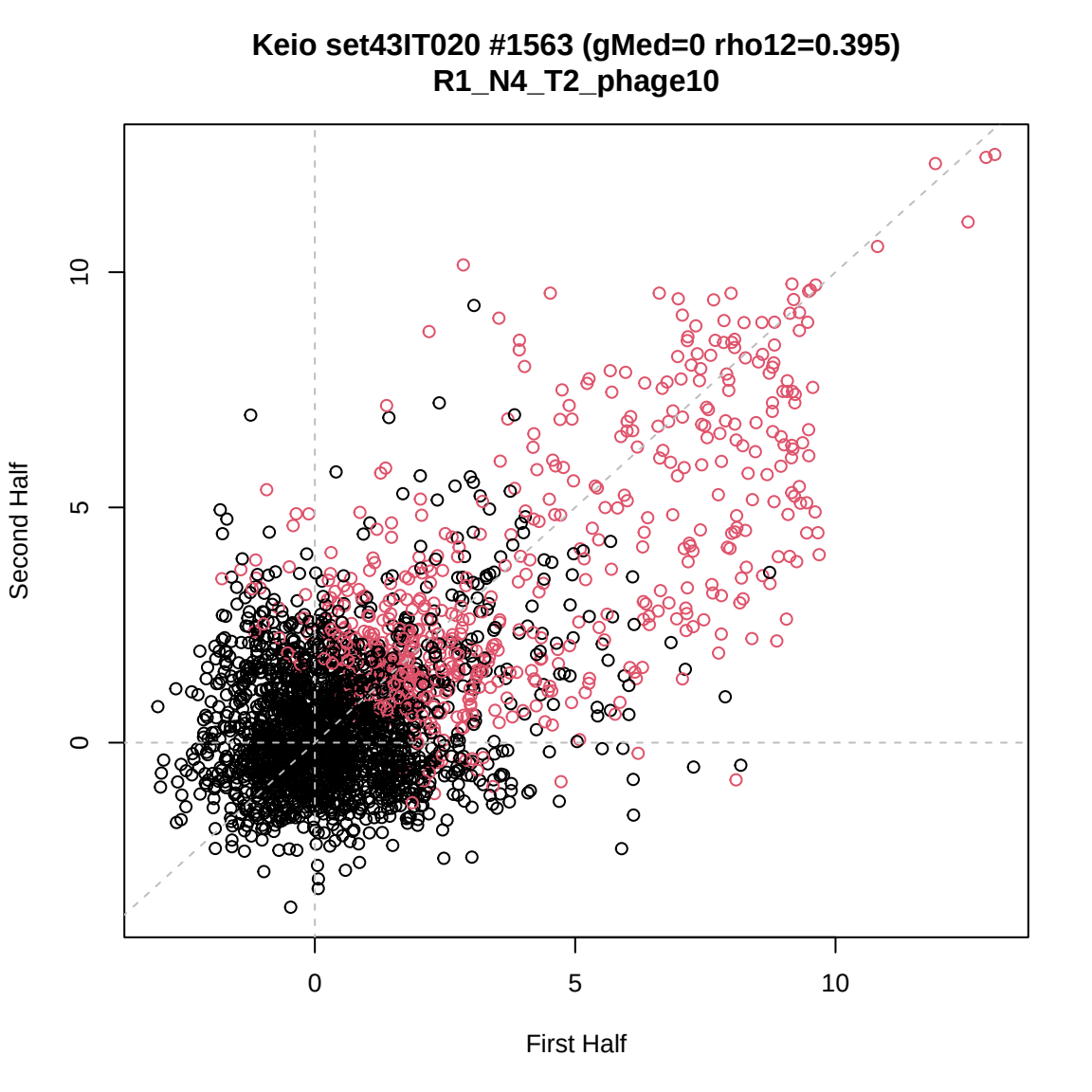

Keio set43IT015 #1558 (gMed=536 rho12=0.114)
R1_N4_T1_phage0
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

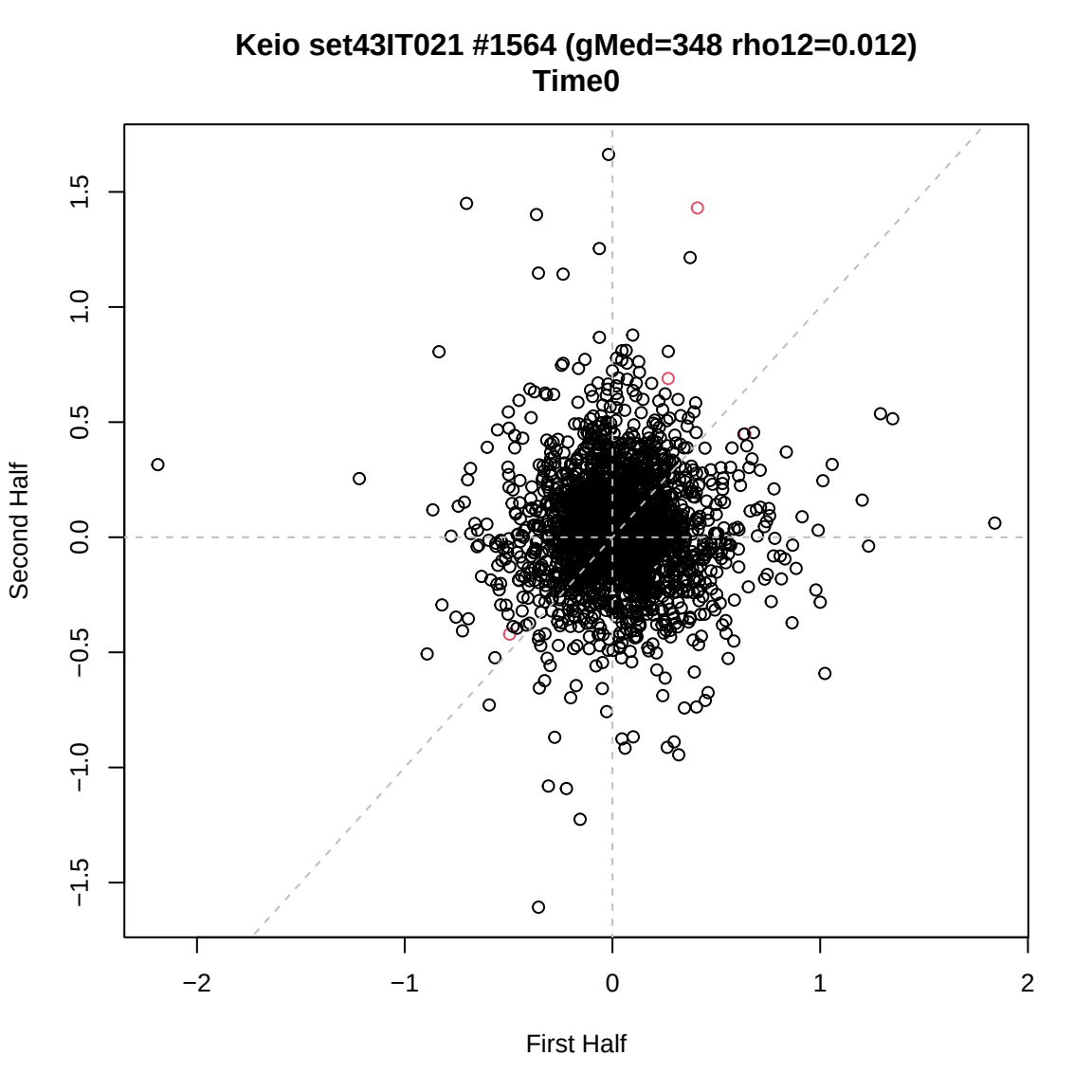

Keio set43IT016 #1559 (gMed=488 rho12=0.099)
R1_N4_T1_phage8
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

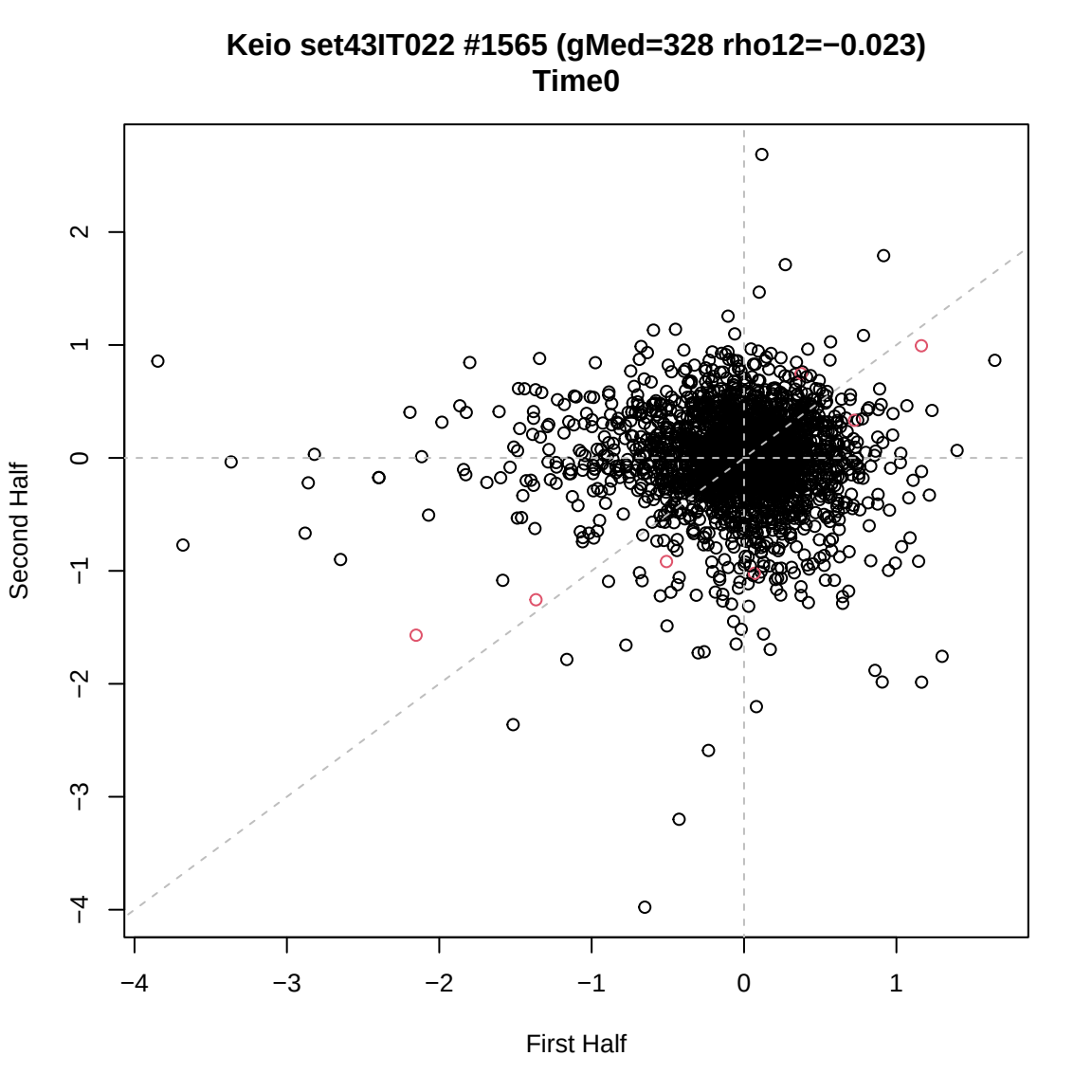

Keio set43IT017 #1560 (gMed=18 rho12=0.274)
R1_N4_T1_phage10
Second Half
First Half
10
5
0
−5
−5
0
5
10

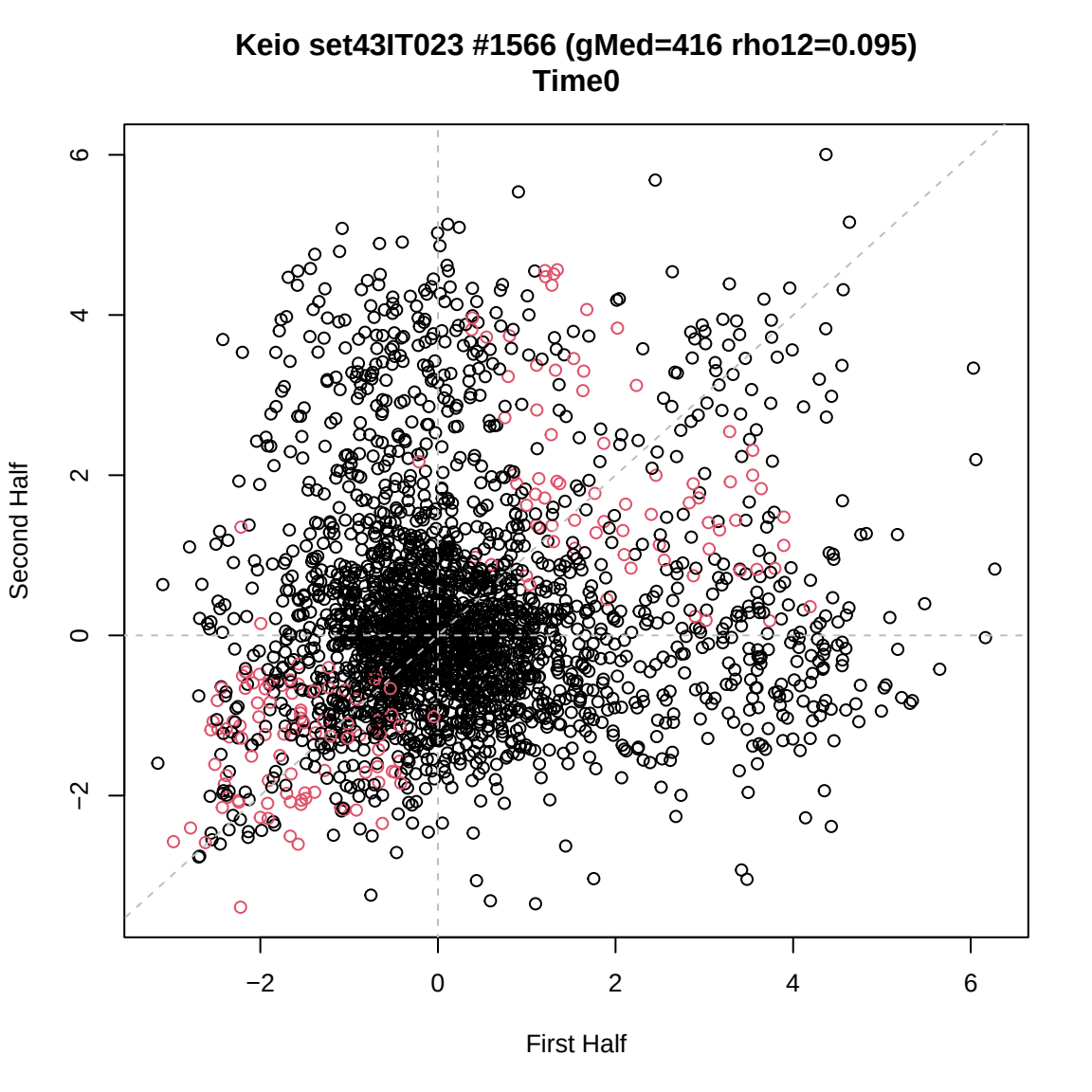

Keio set43IT018 #1561 (gMed=503 rho12=0.097)
R1_N4_T2_phage0
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0
2

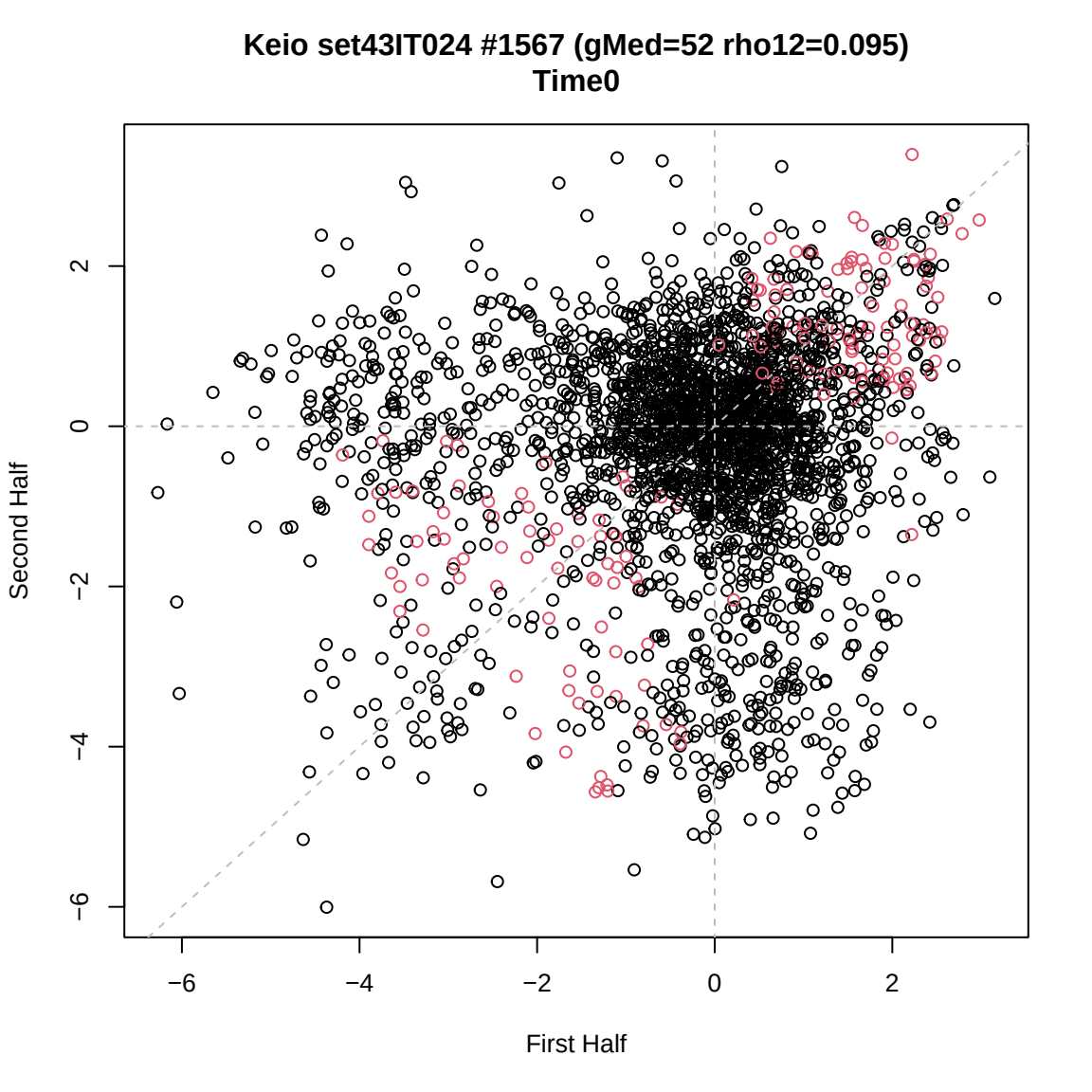

Keio set43IT019 #1562 (gMed=480 rho12=0.128)
R1_N4_T2_phage8
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

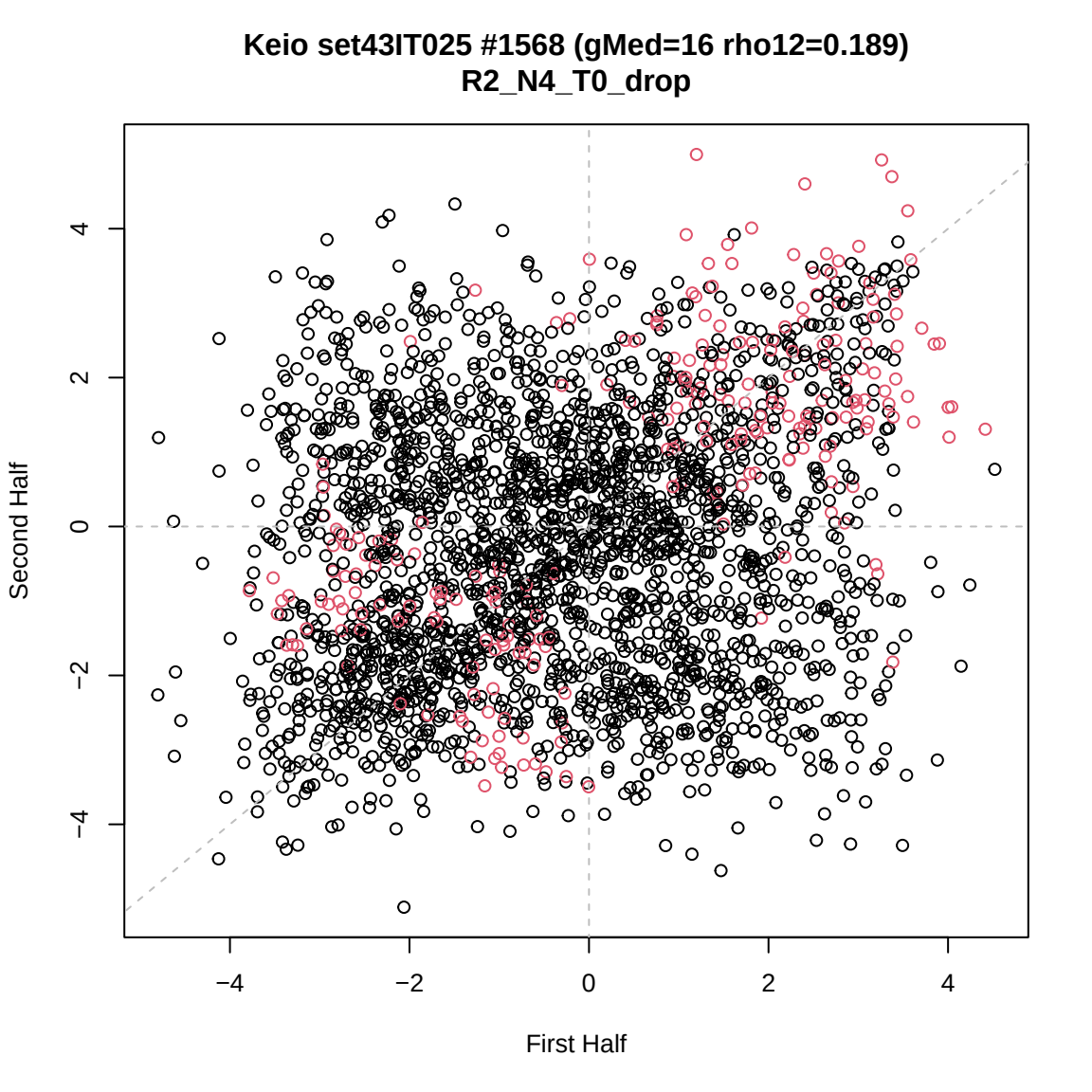

Keio set43IT020 #1563 (gMed=0 rho12=0.395)
R1_N4_T2_phage10
Second Half
First Half
0
5
10
0
5
10

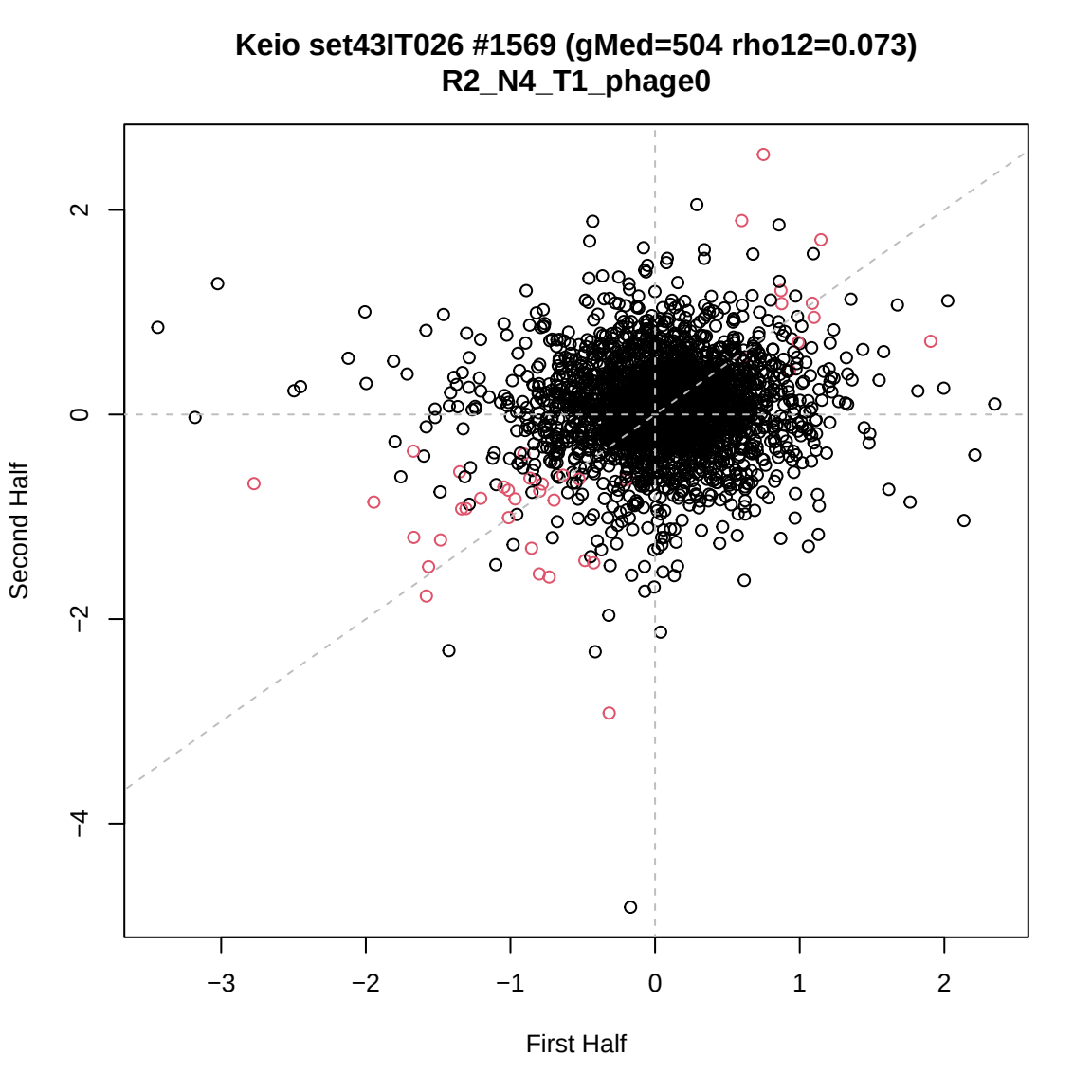

Keio set43IT021 #1564 (gMed=348 rho12=0.012)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1
2

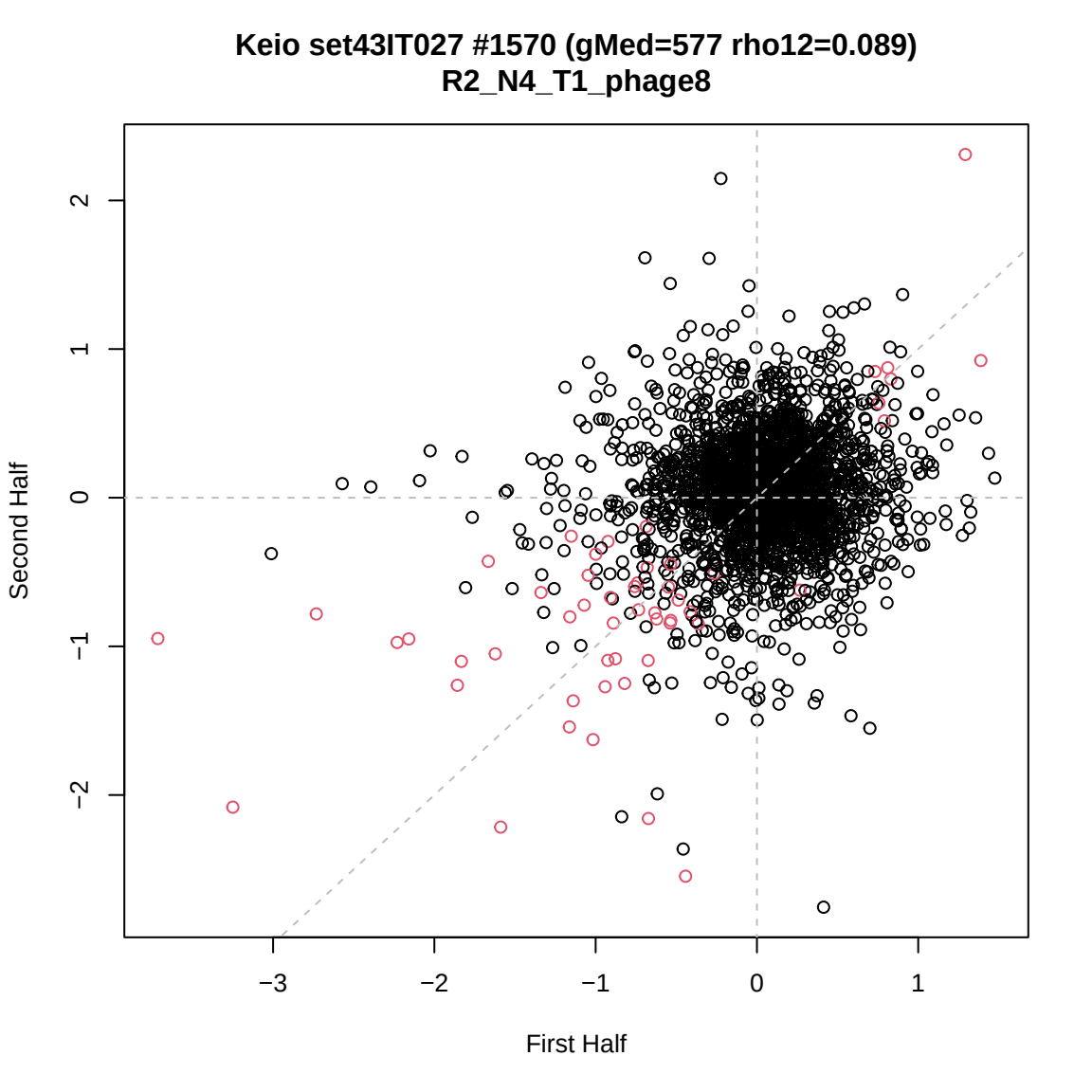

Keio set43IT022 #1565 (gMed=328 rho12=−0.023)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

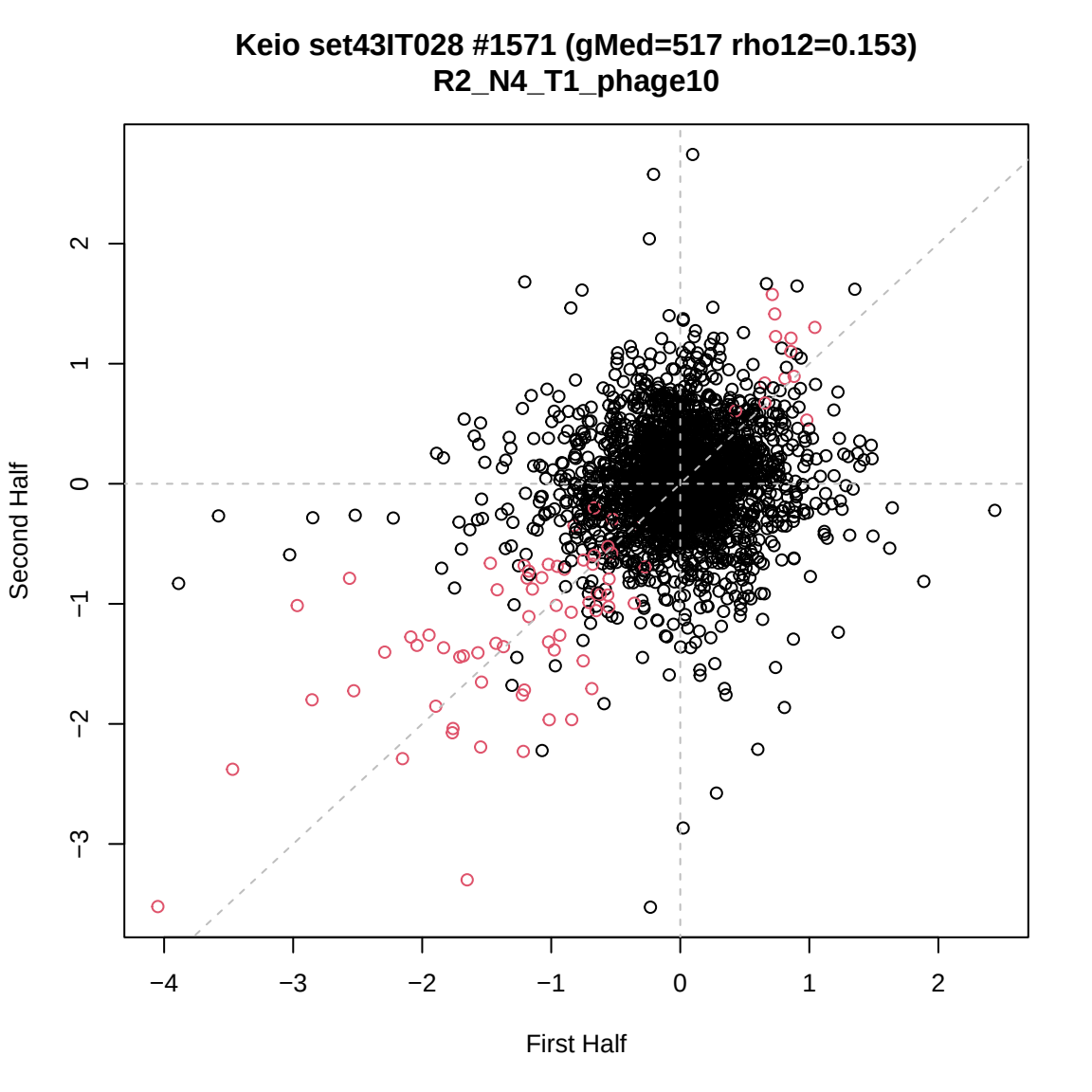

Keio set43IT023 #1566 (gMed=416 rho12=0.095)
Time0
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

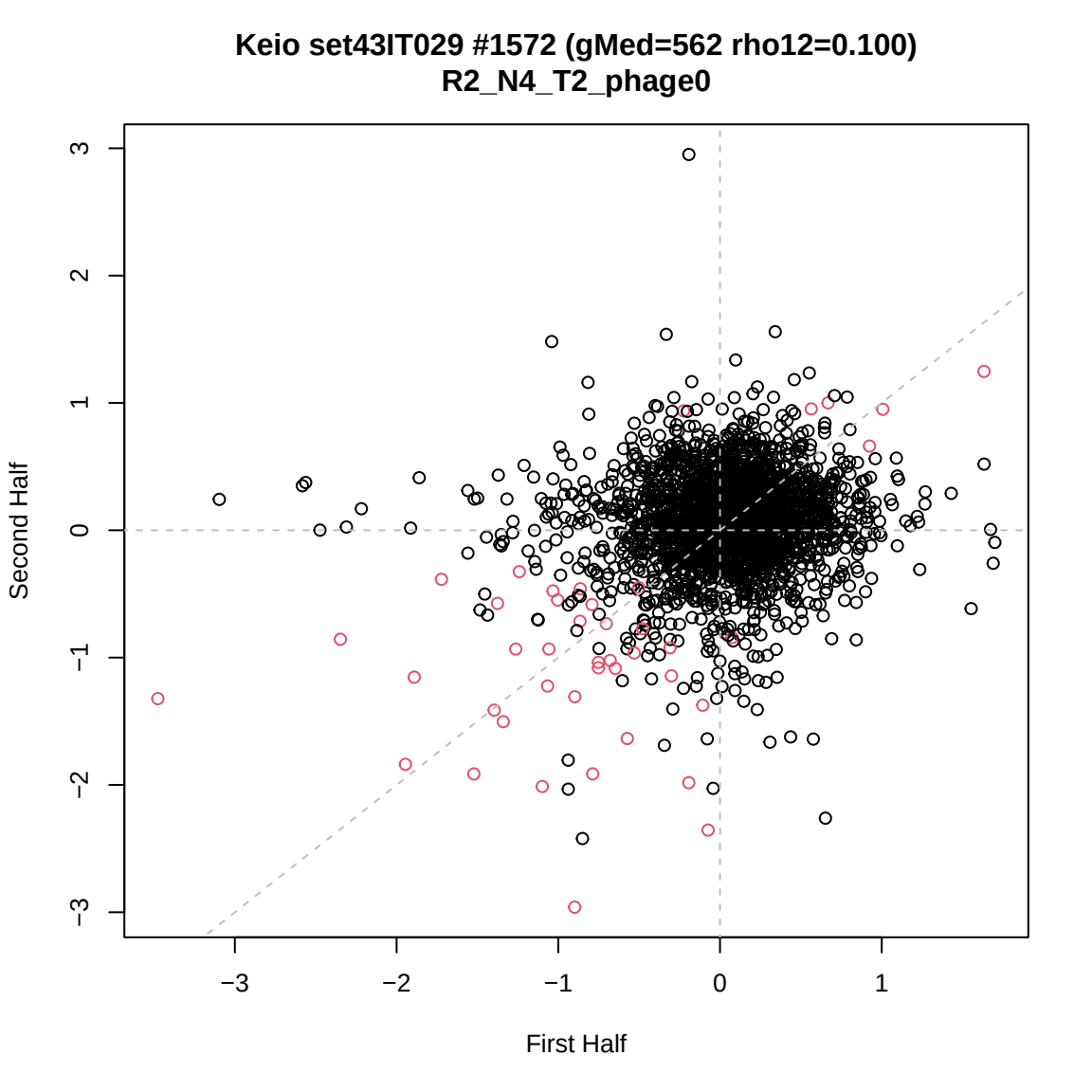

Keio set43IT024 #1567 (gMed=52 rho12=0.095)
Time0
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

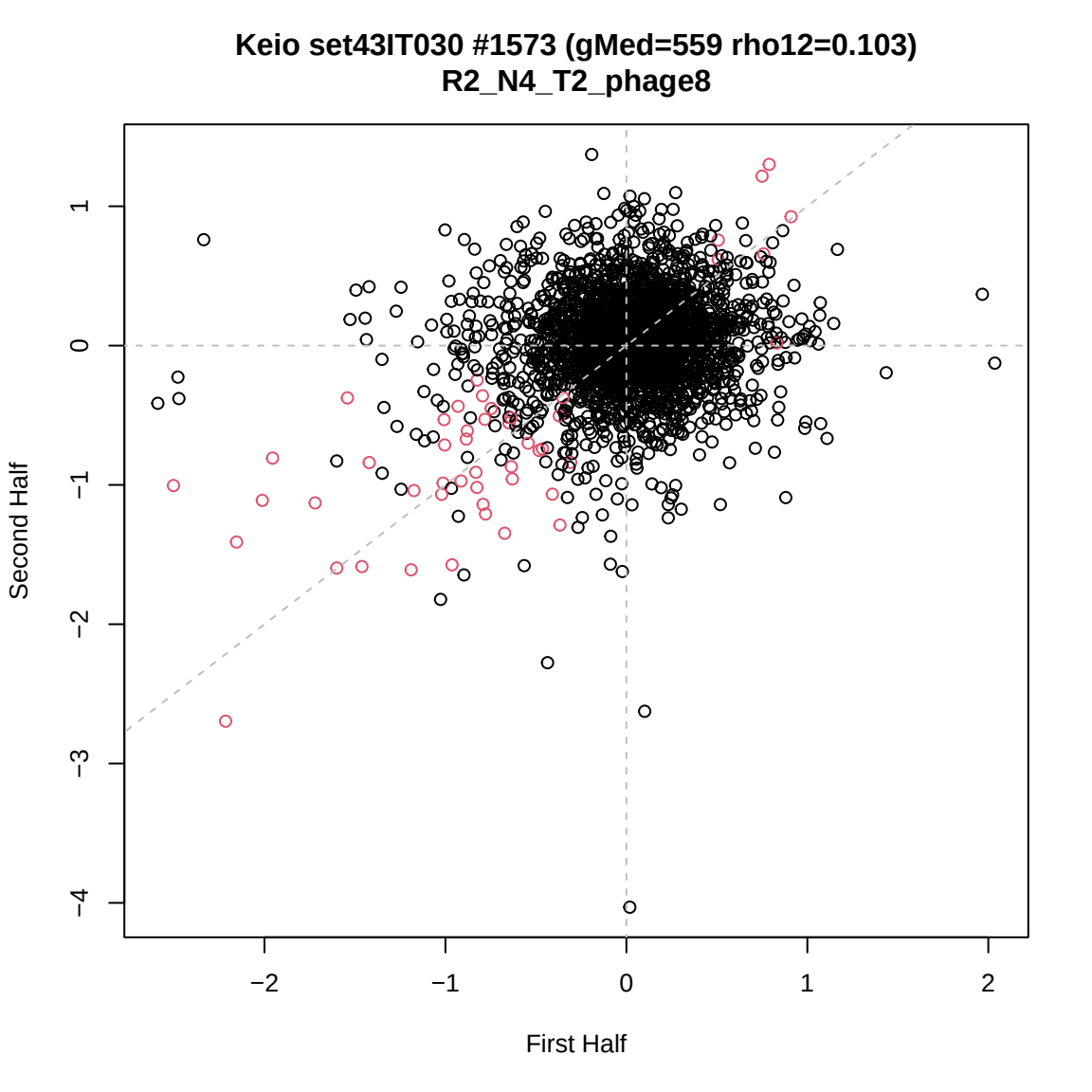

Keio set43IT025 #1568 (gMed=16 rho12=0.189)
R2_N4_T0_drop
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

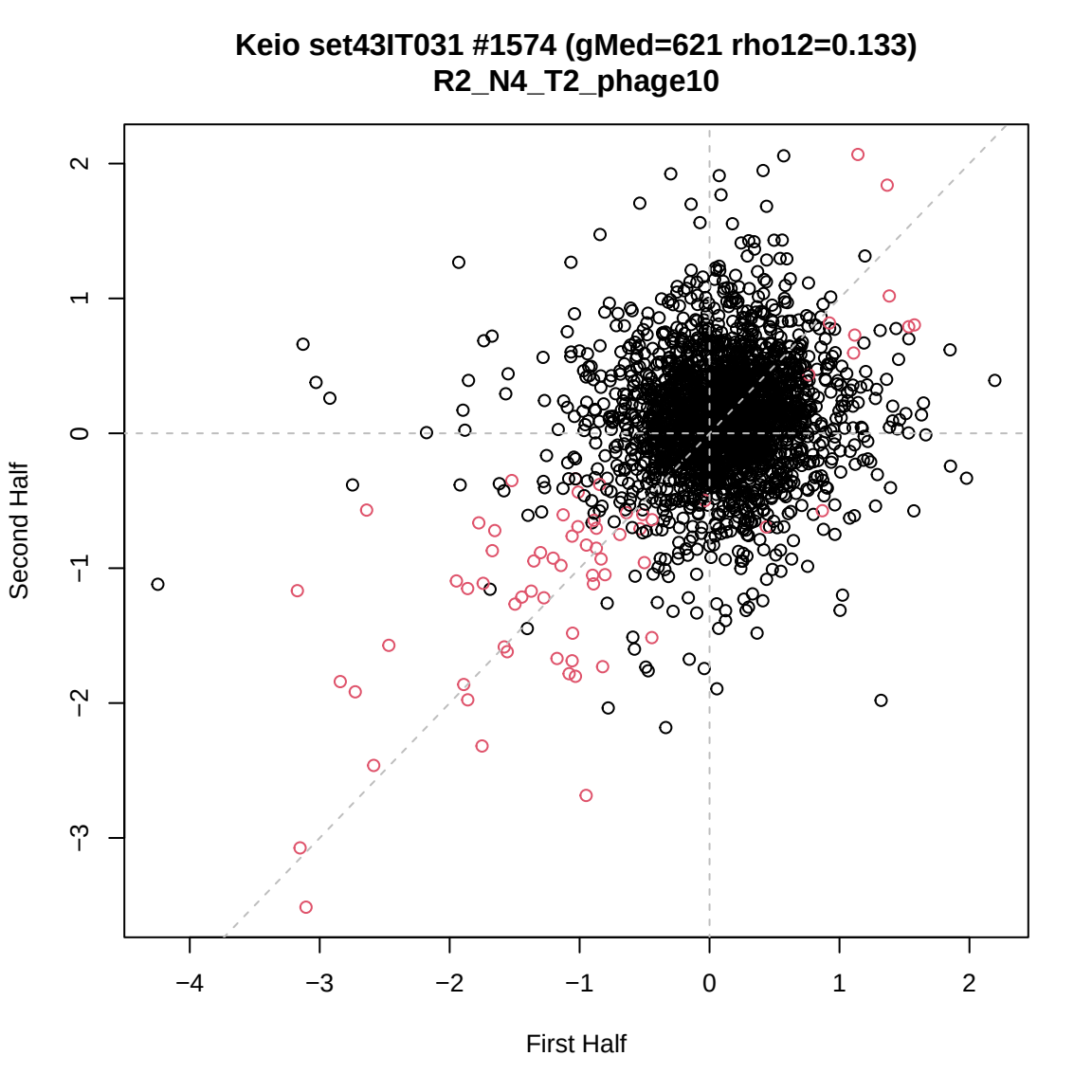

Keio set43IT026 #1569 (gMed=504 rho12=0.073)
R2_N4_T1_phage0
Second Half
First Half
2
0
−2
−4
−3
−2
−1
0
1
2

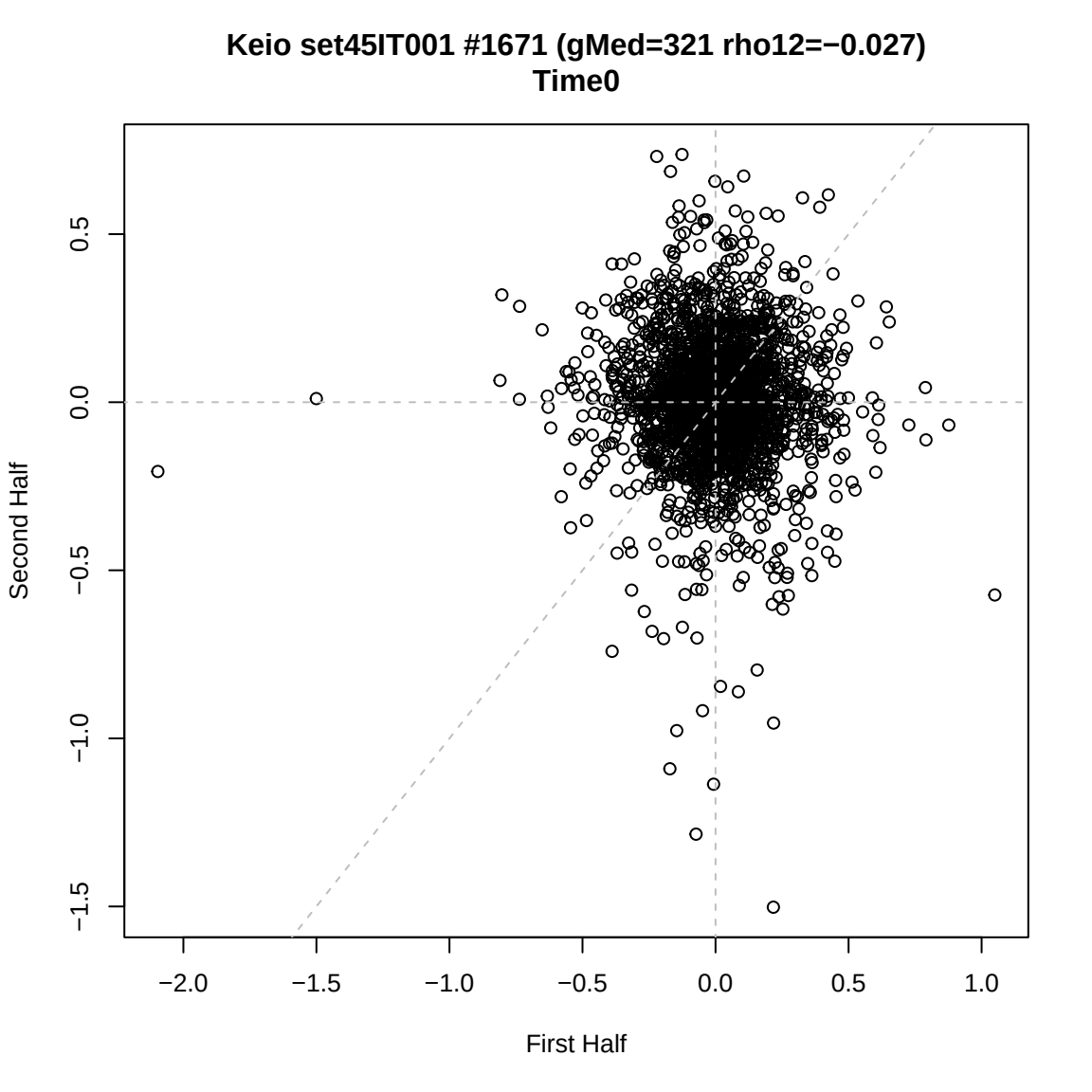

Keio set43IT027 #1570 (gMed=577 rho12=0.089)
R2_N4_T1_phage8
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1

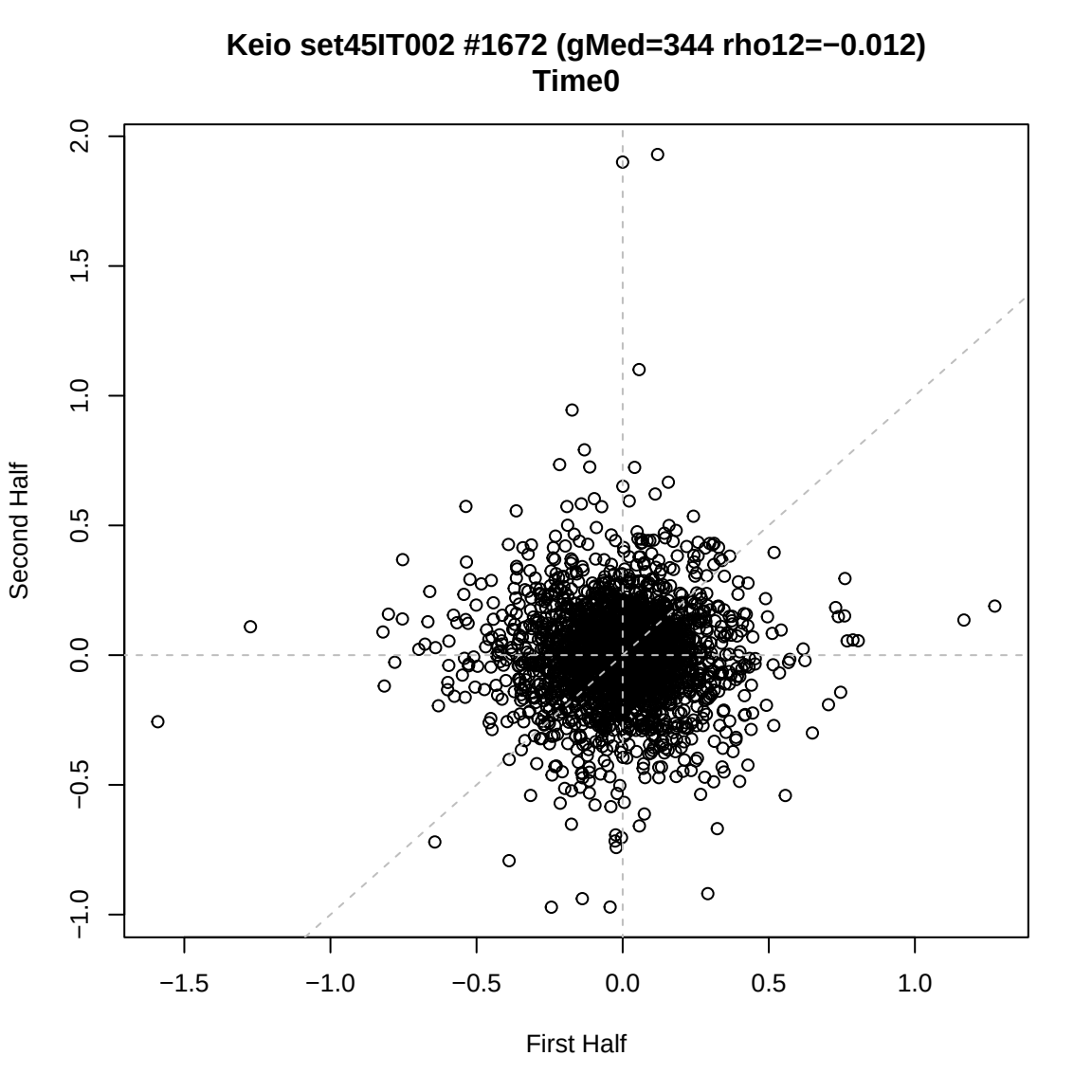

Keio set43IT028 #1571 (gMed=517 rho12=0.153)
R2_N4_T1_phage10
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

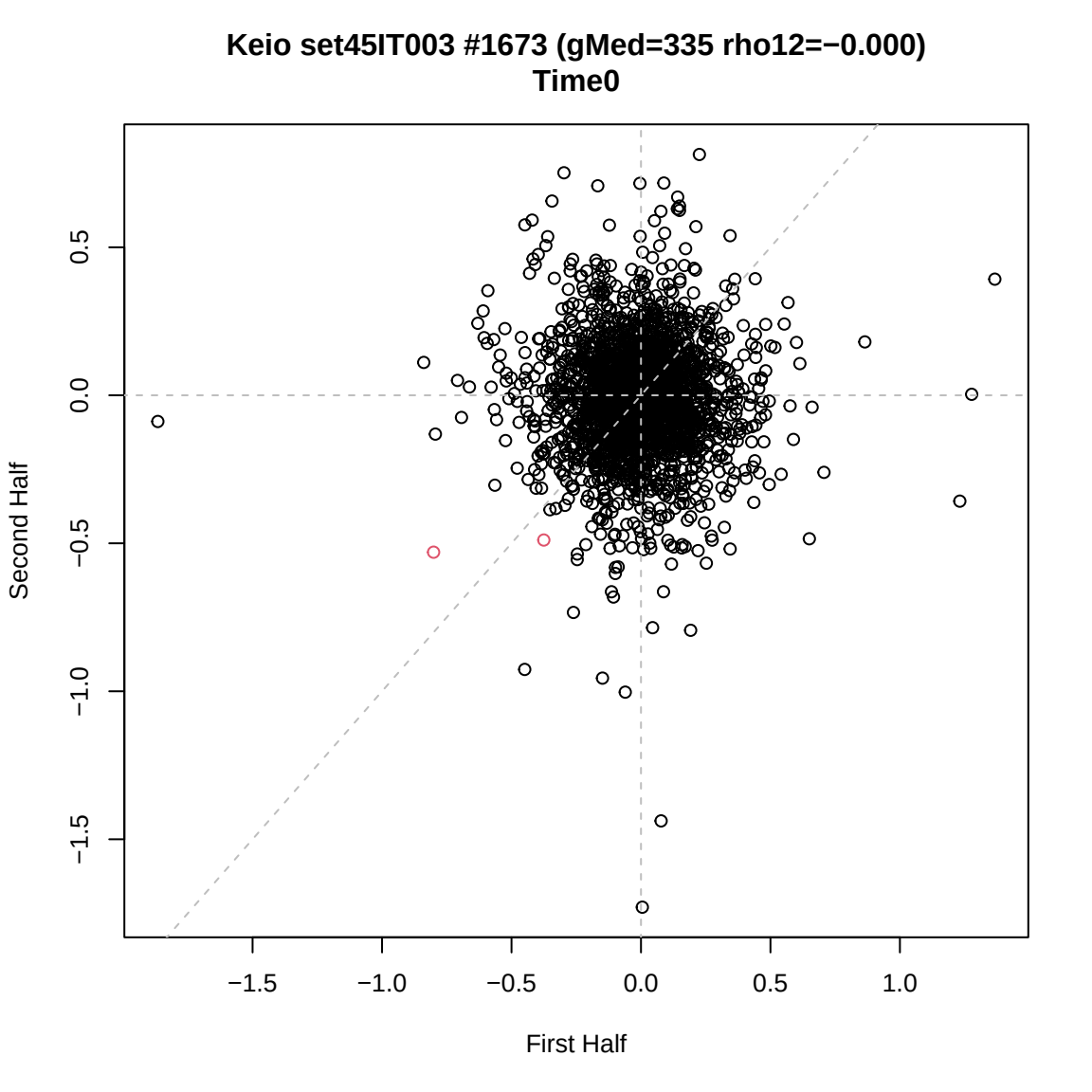

Keio set43IT029 #1572 (gMed=562 rho12=0.100)
R2_N4_T2_phage0
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1

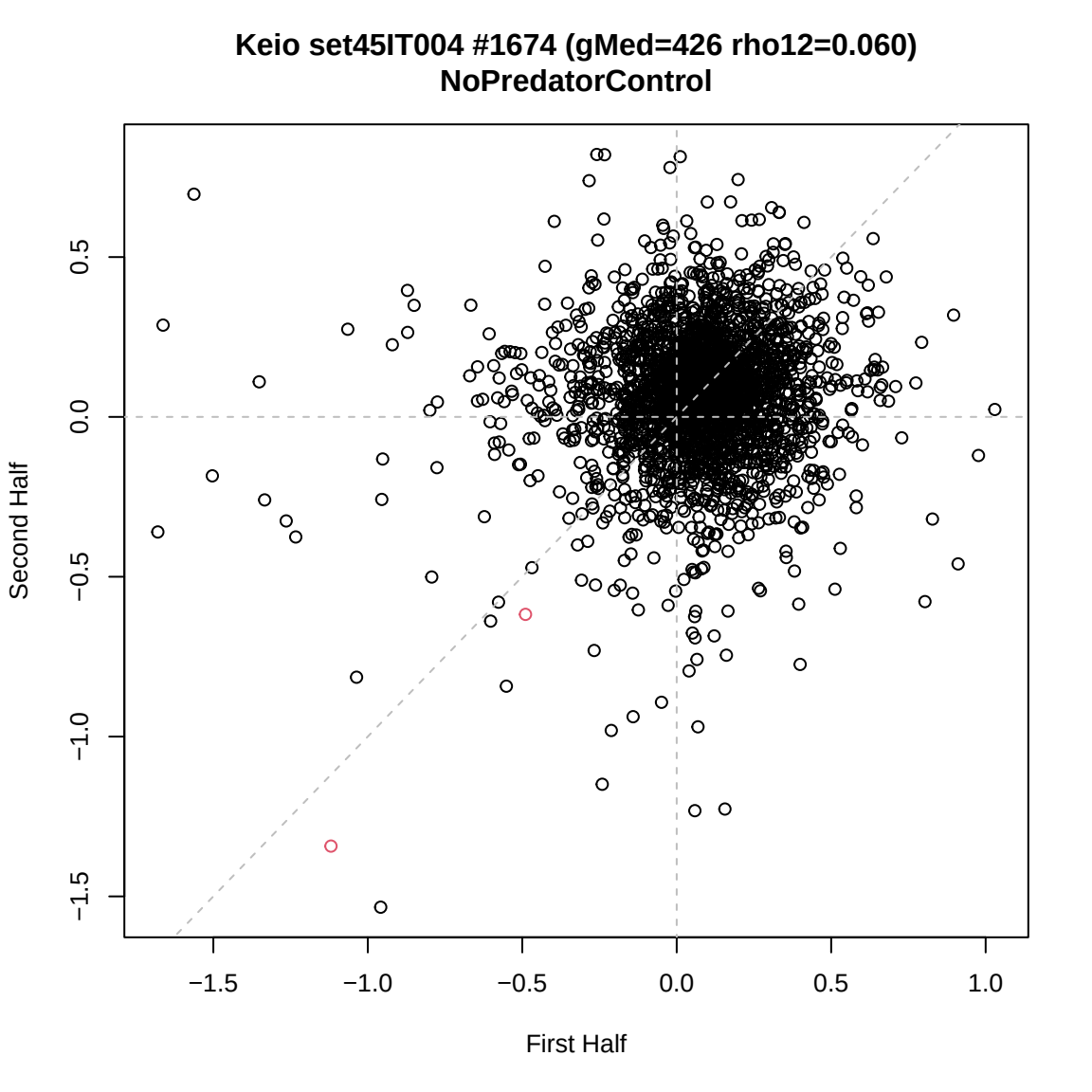

Keio set43IT030 #1573 (gMed=559 rho12=0.103)
R2_N4_T2_phage8
Second Half
First Half
1
0
−1
−2
−3
−4
−2
−1
0
1
2

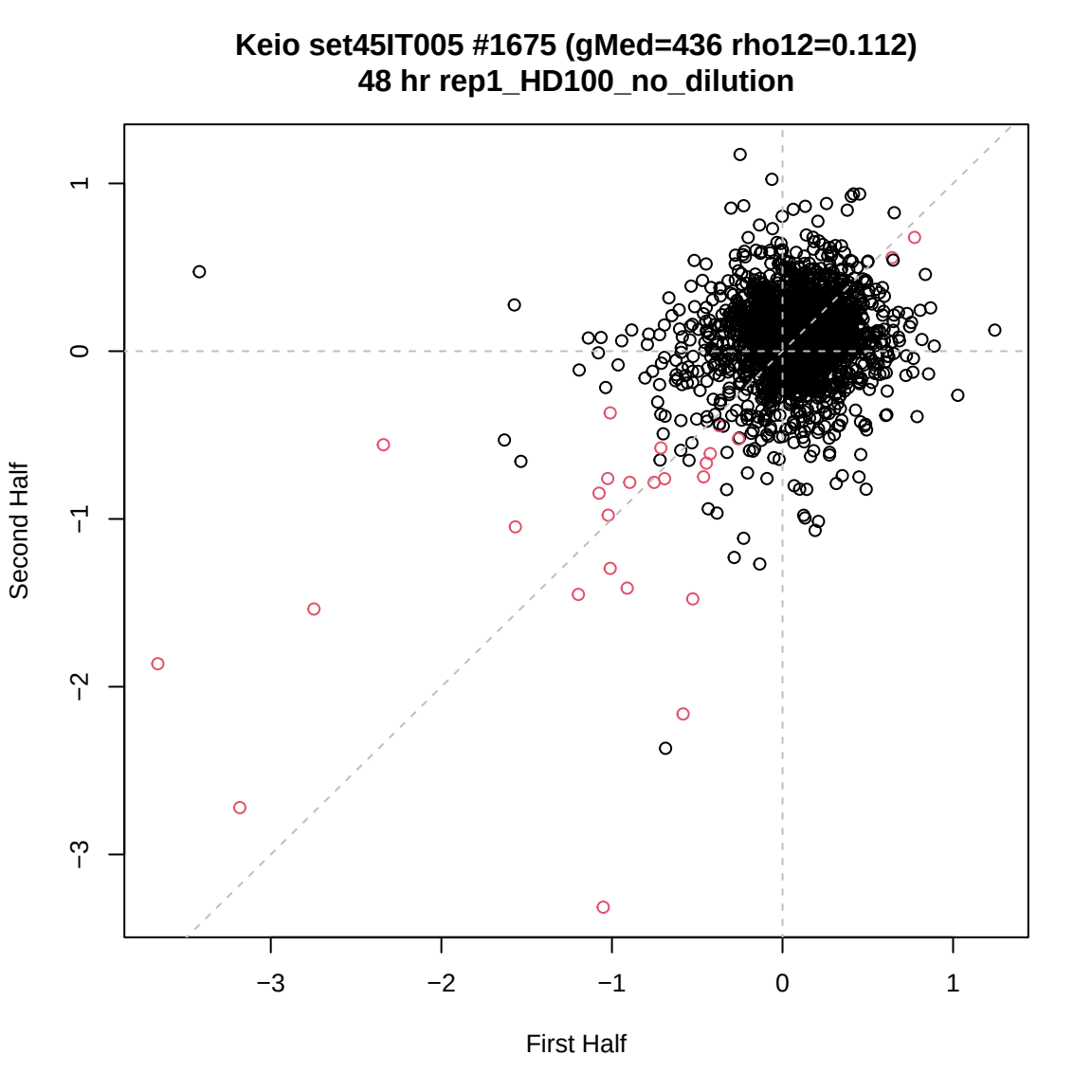

Keio set43IT031 #1574 (gMed=621 rho12=0.133)
R2_N4_T2_phage10
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

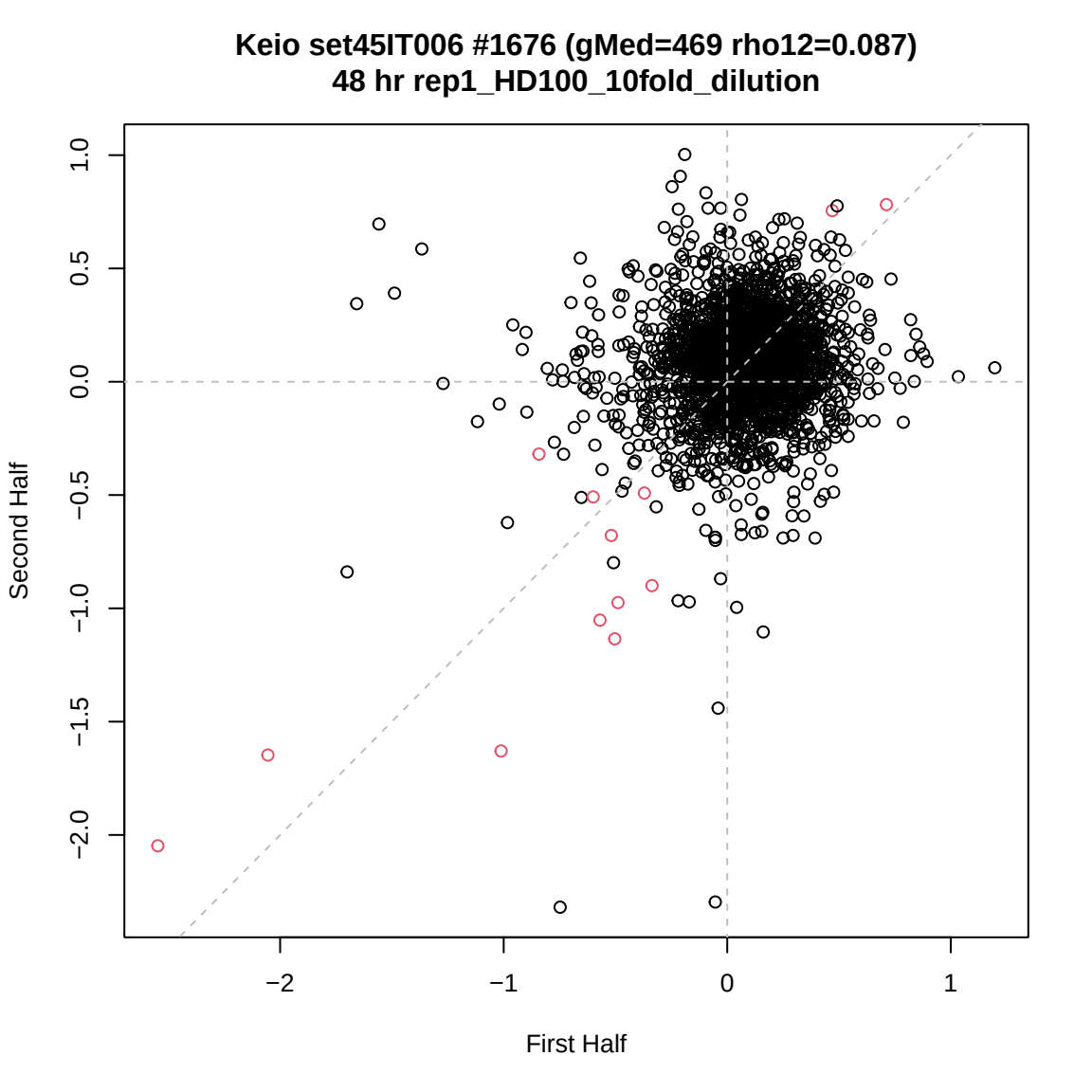

Keio set45IT001 #1671 (gMed=321 rho12=−0.027)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

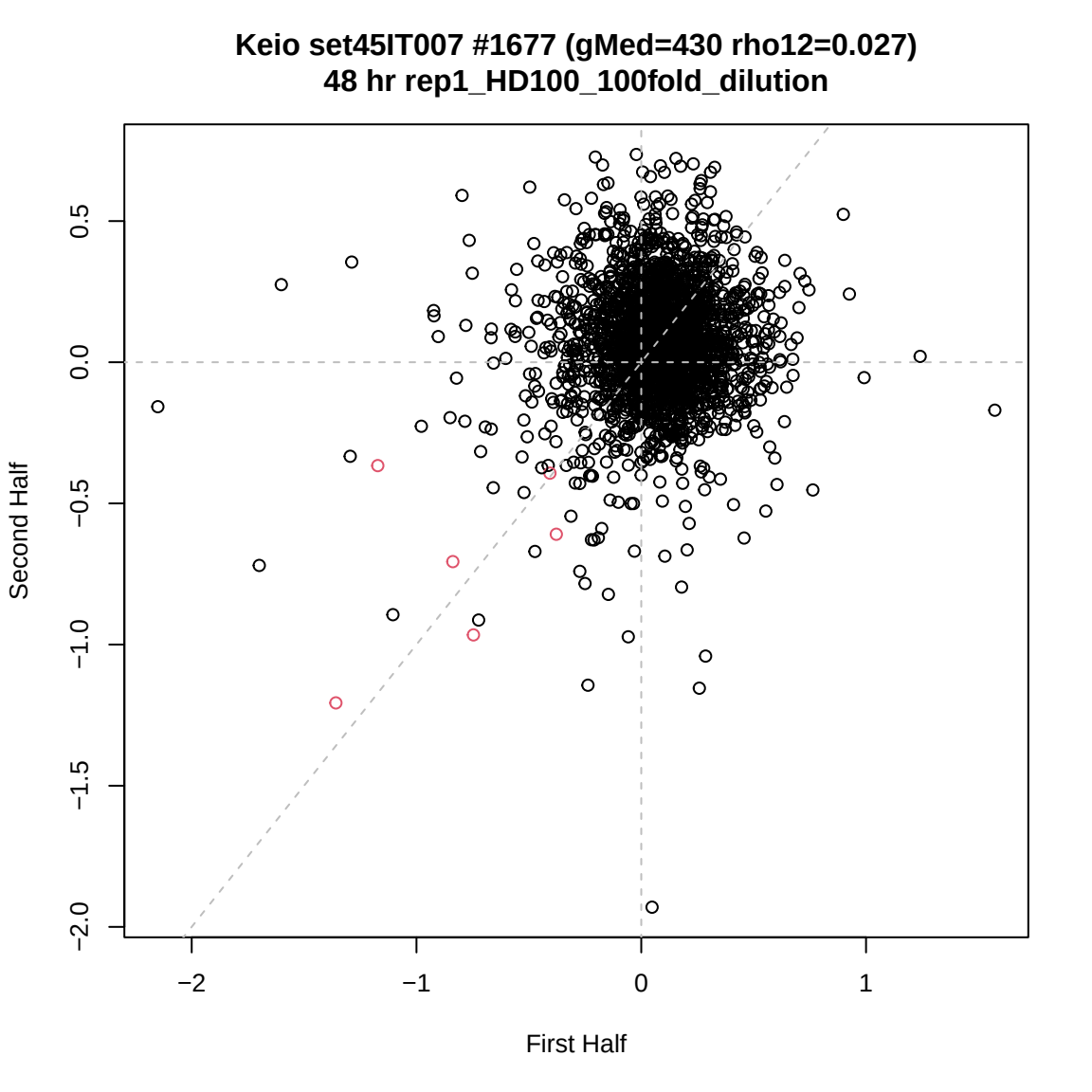

Keio set45IT002 #1672 (gMed=344 rho12=−0.012)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

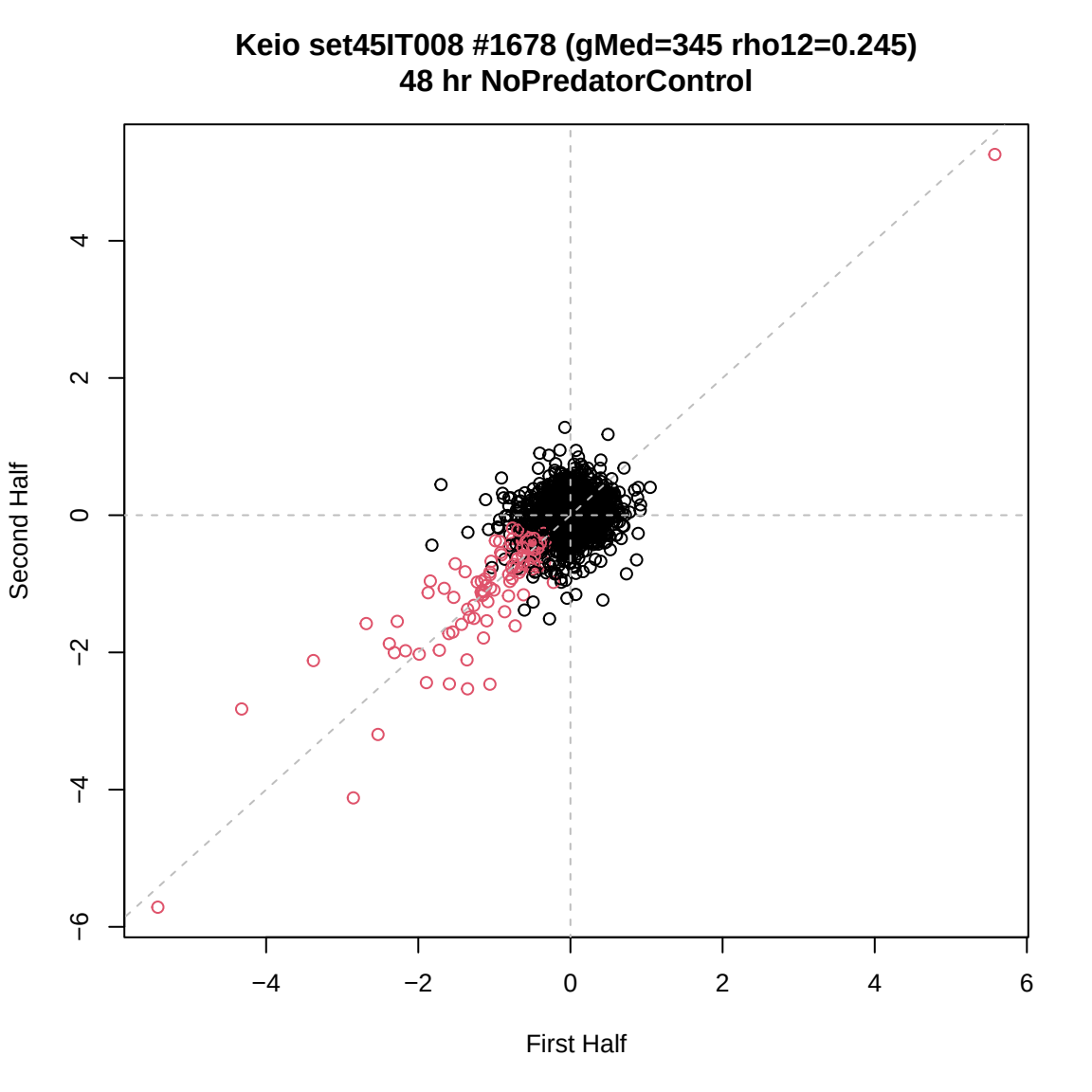

Keio set45IT003 #1673 (gMed=335 rho12=−0.000)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

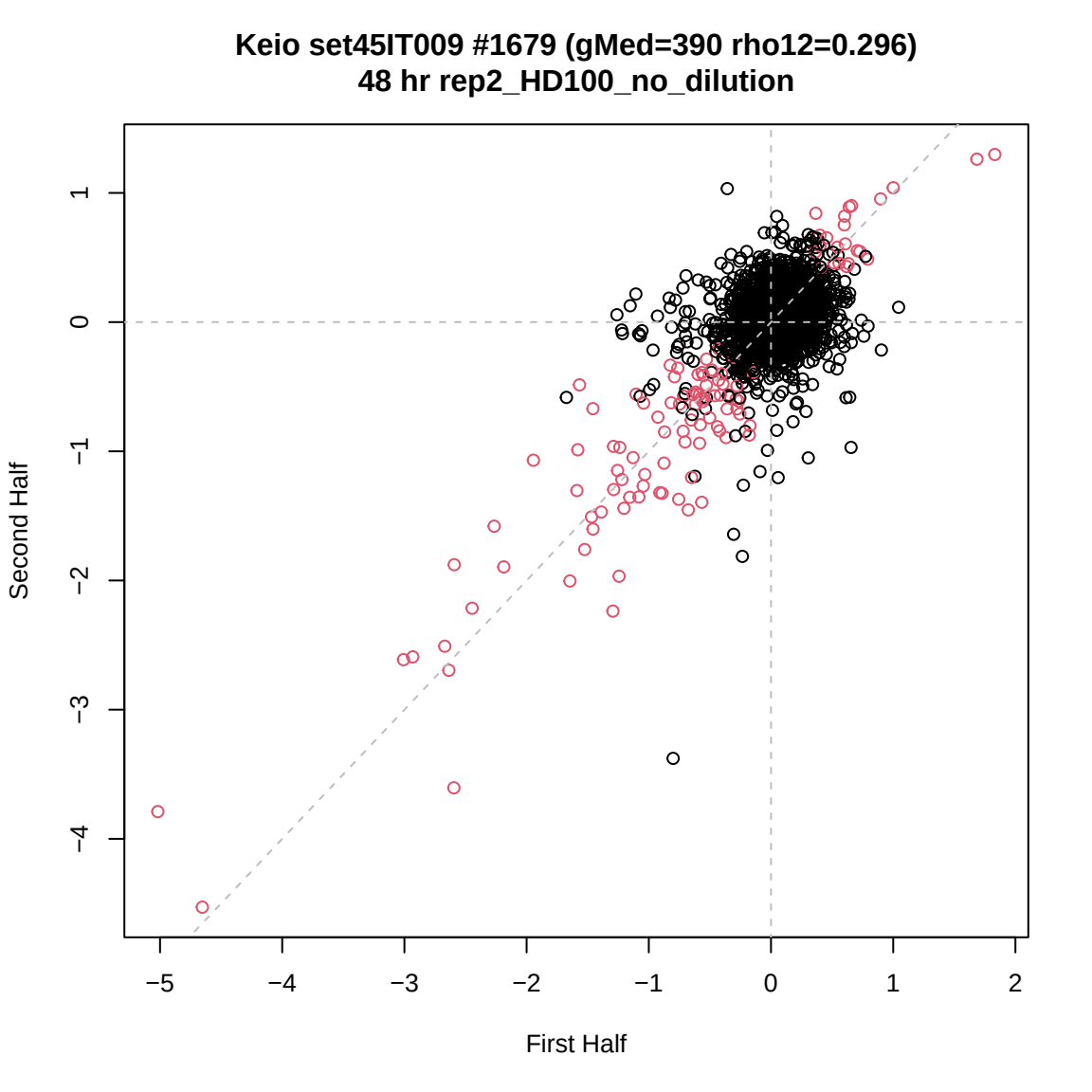

Keio set45IT004 #1674 (gMed=426 rho12=0.060)
NoPredatorControl
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

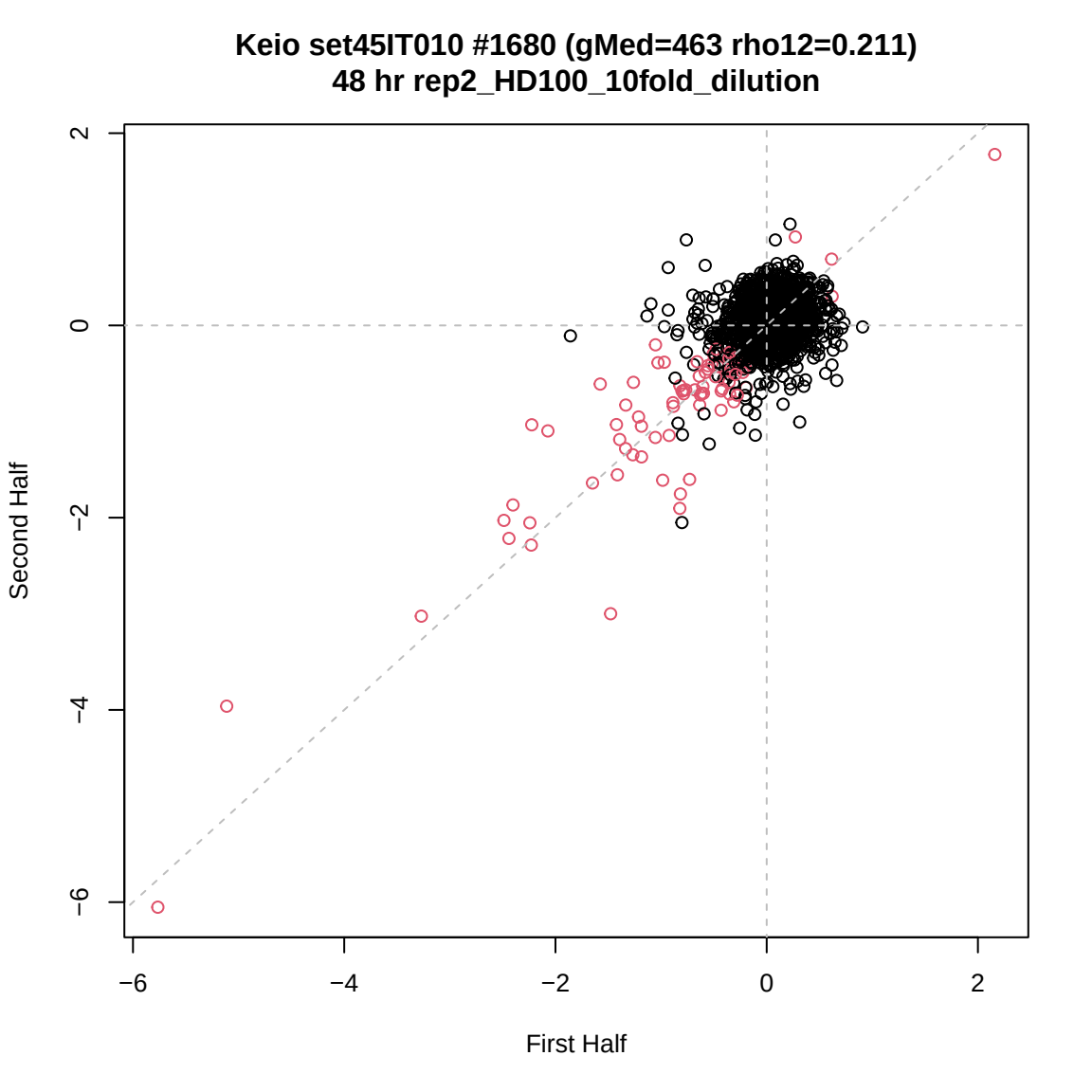

Keio set45IT005 #1675 (gMed=436 rho12=0.112)
48 hr rep1_HD100_no_dilution
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

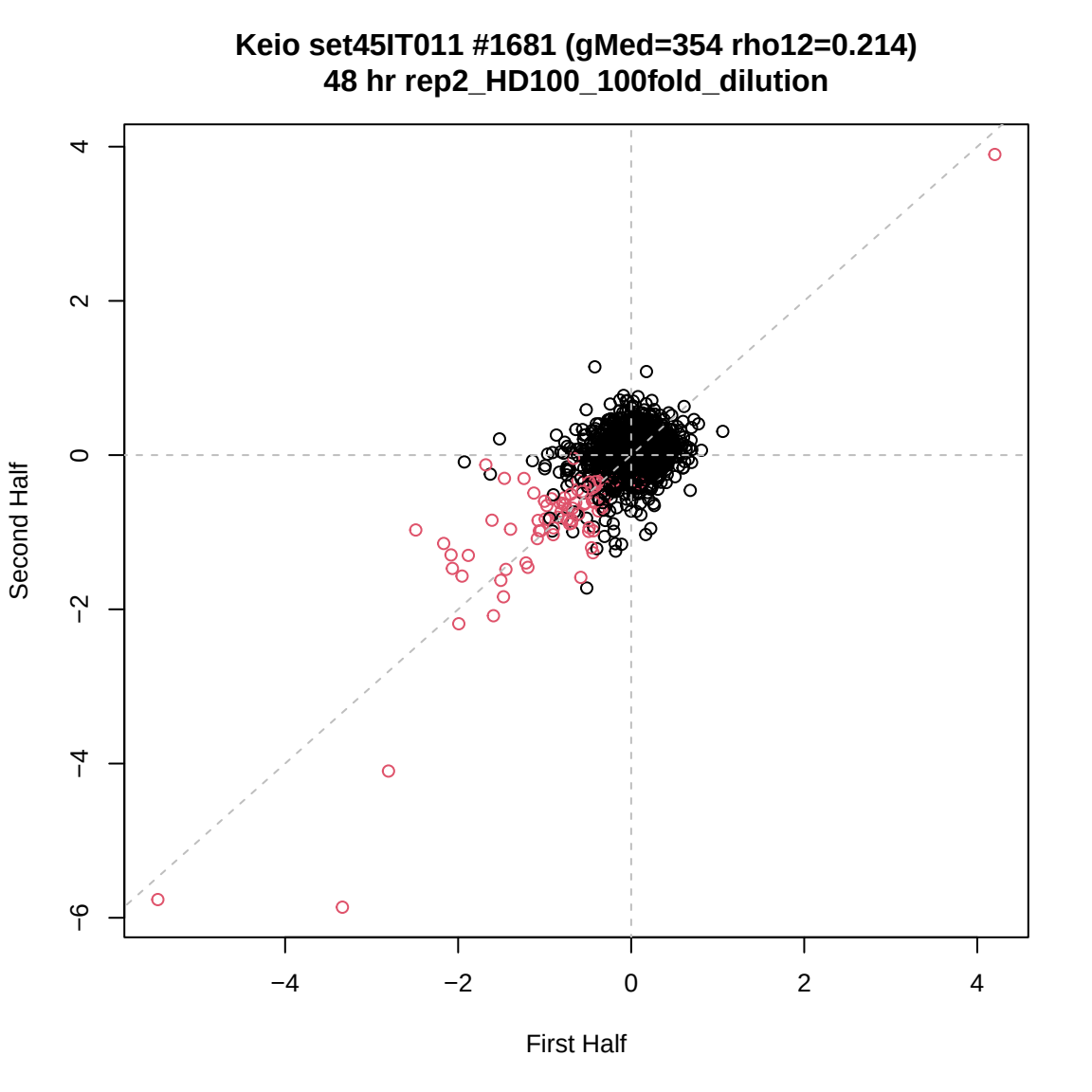

Keio set45IT006 #1676 (gMed=469 rho12=0.087)
48 hr rep1_HD100_10fold_dilution
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

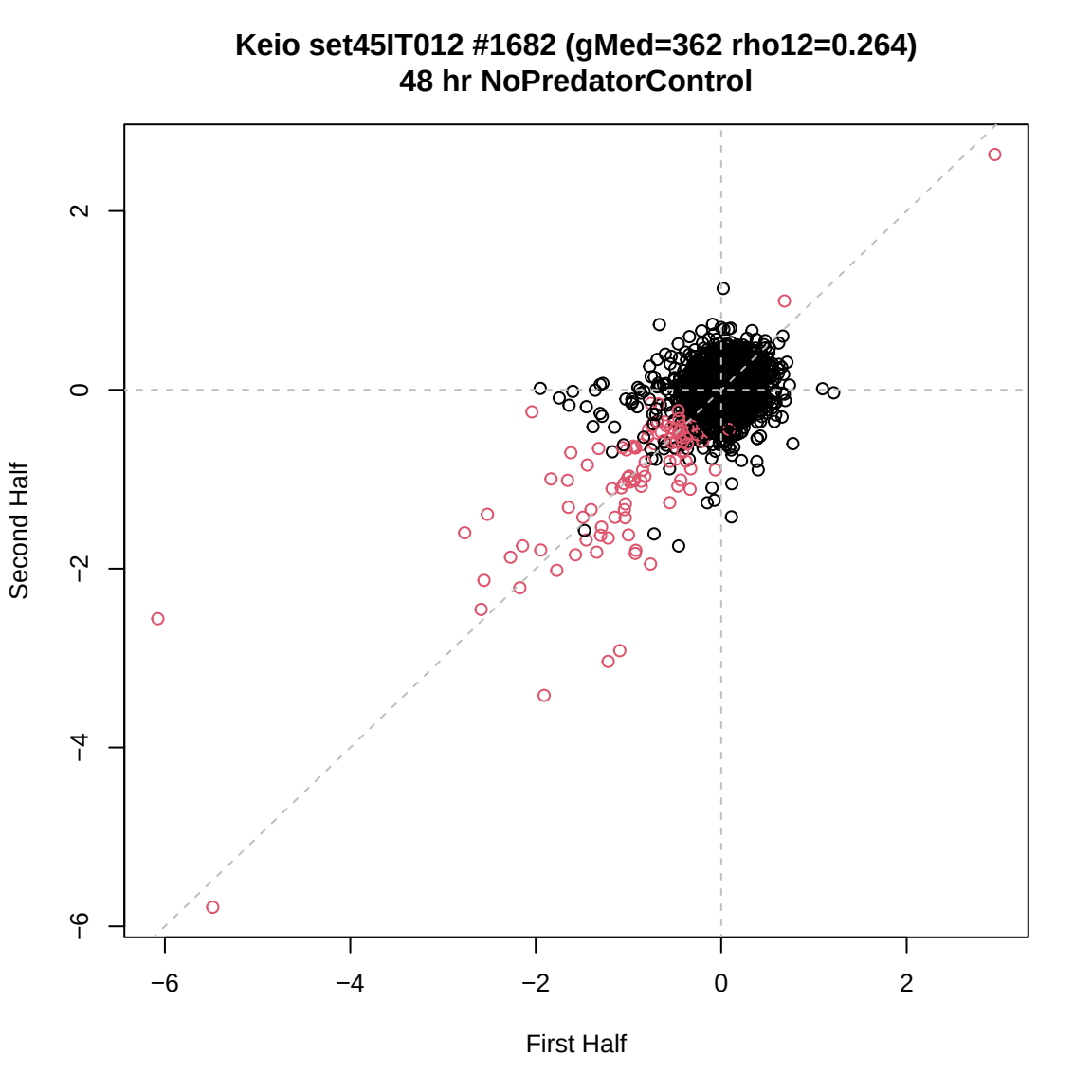

Keio set45IT007 #1677 (gMed=430 rho12=0.027)
48 hr rep1_HD100_100fold_dilution
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

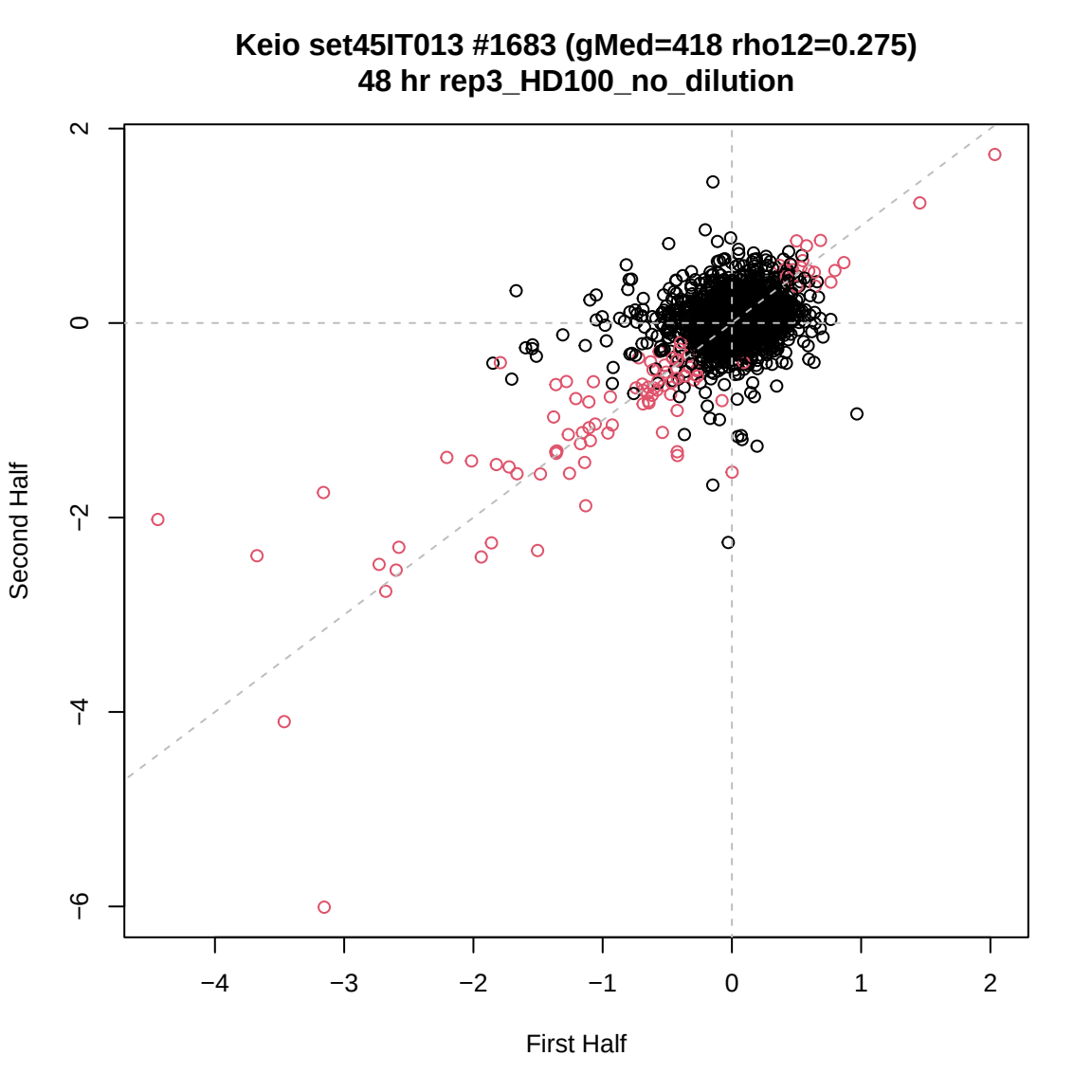

Keio set45IT008 #1678 (gMed=345 rho12=0.245)
48 hr NoPredatorControl
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

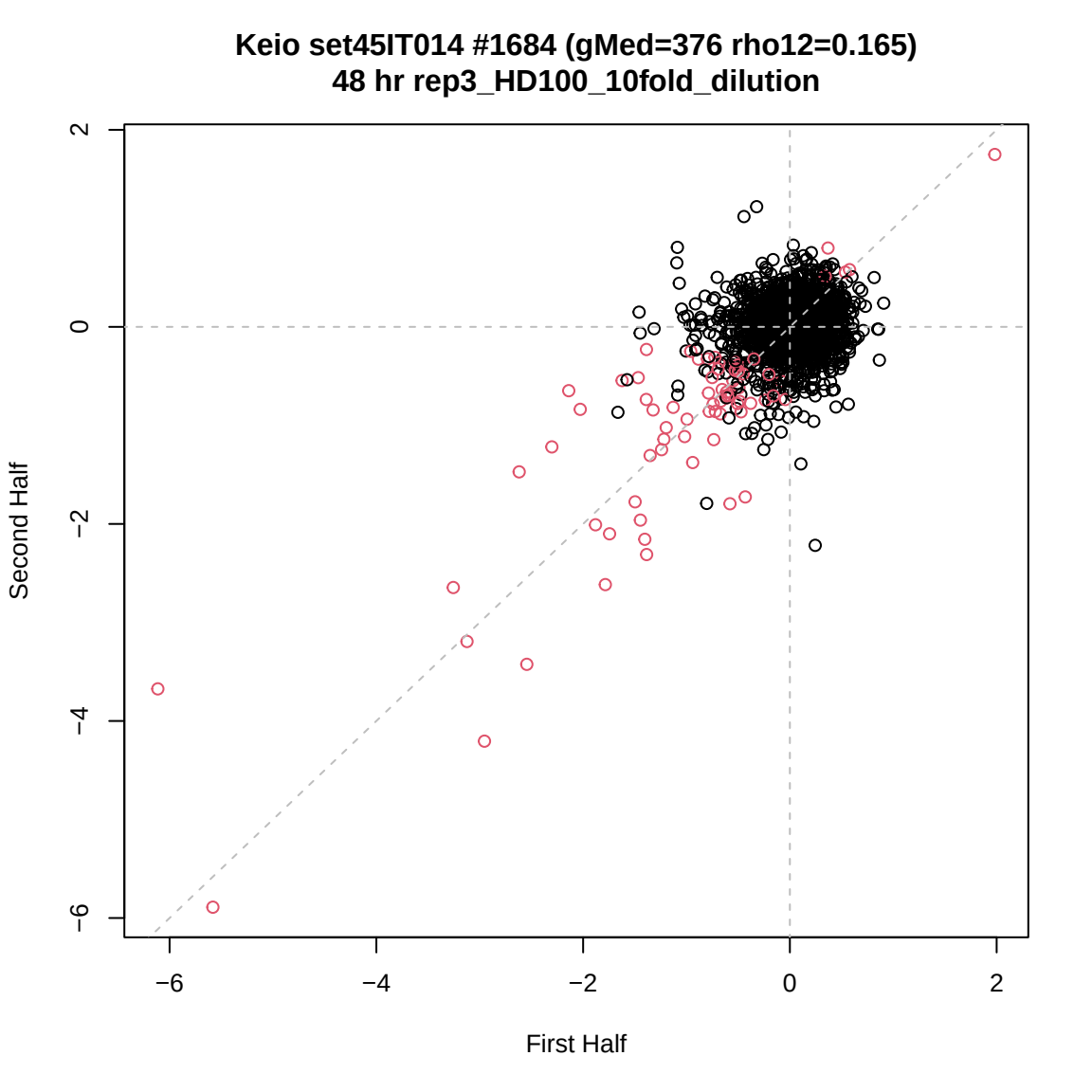

Keio set45IT009 #1679 (gMed=390 rho12=0.296)
48 hr rep2_HD100_no_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

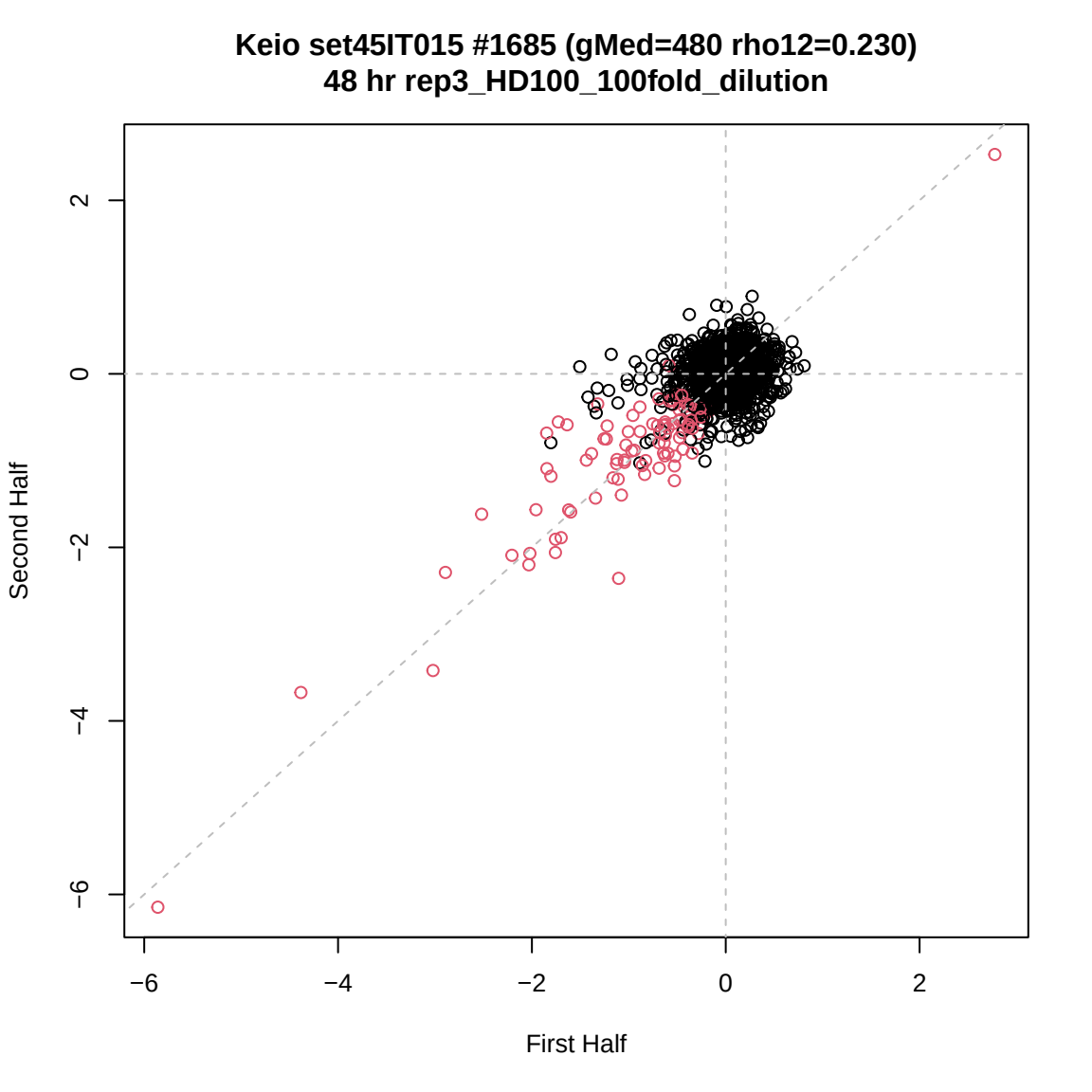

Keio set45IT010 #1680 (gMed=463 rho12=0.211)
48 hr rep2_HD100_10fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

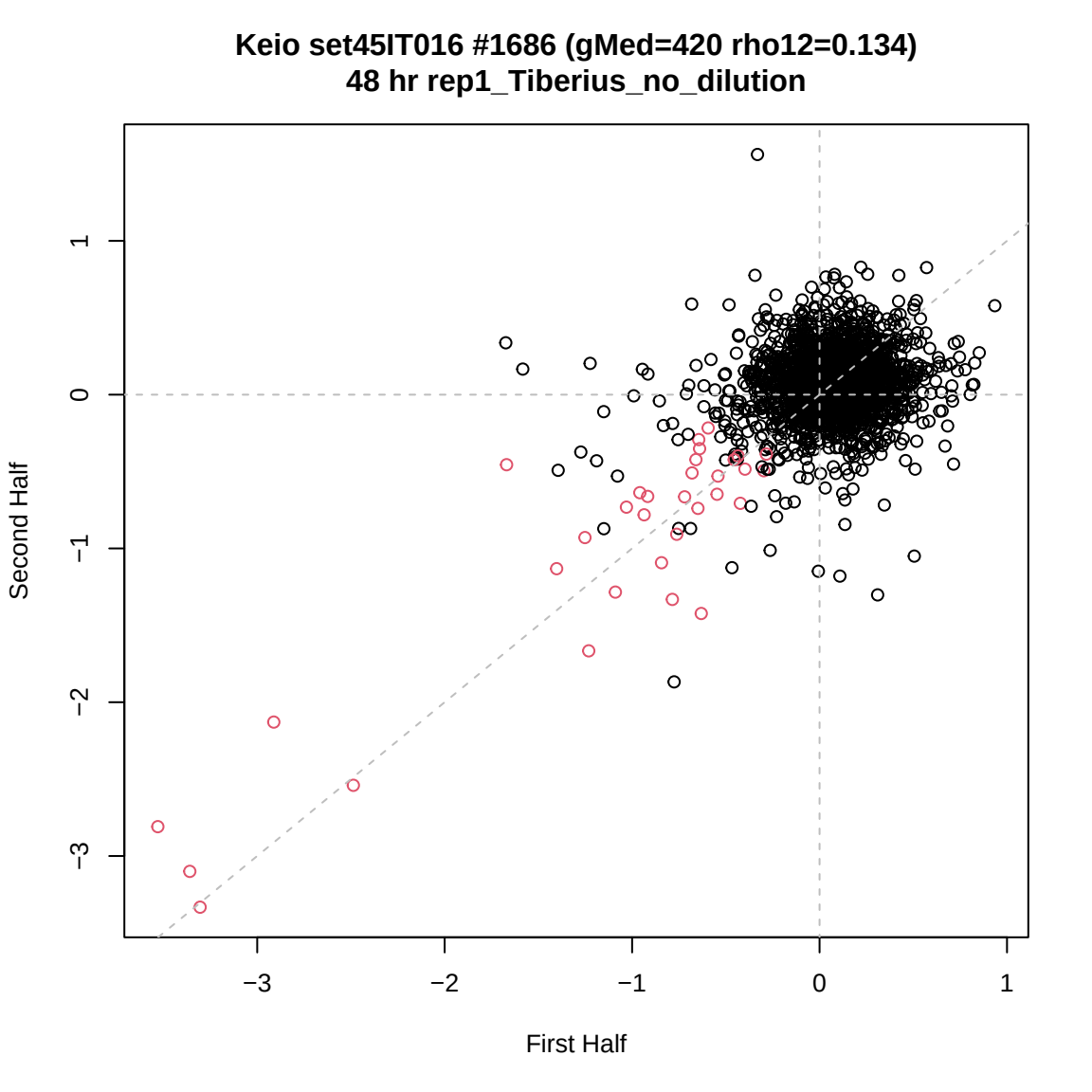

Keio set45IT011 #1681 (gMed=354 rho12=0.214)
48 hr rep2_HD100_100fold_dilution
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

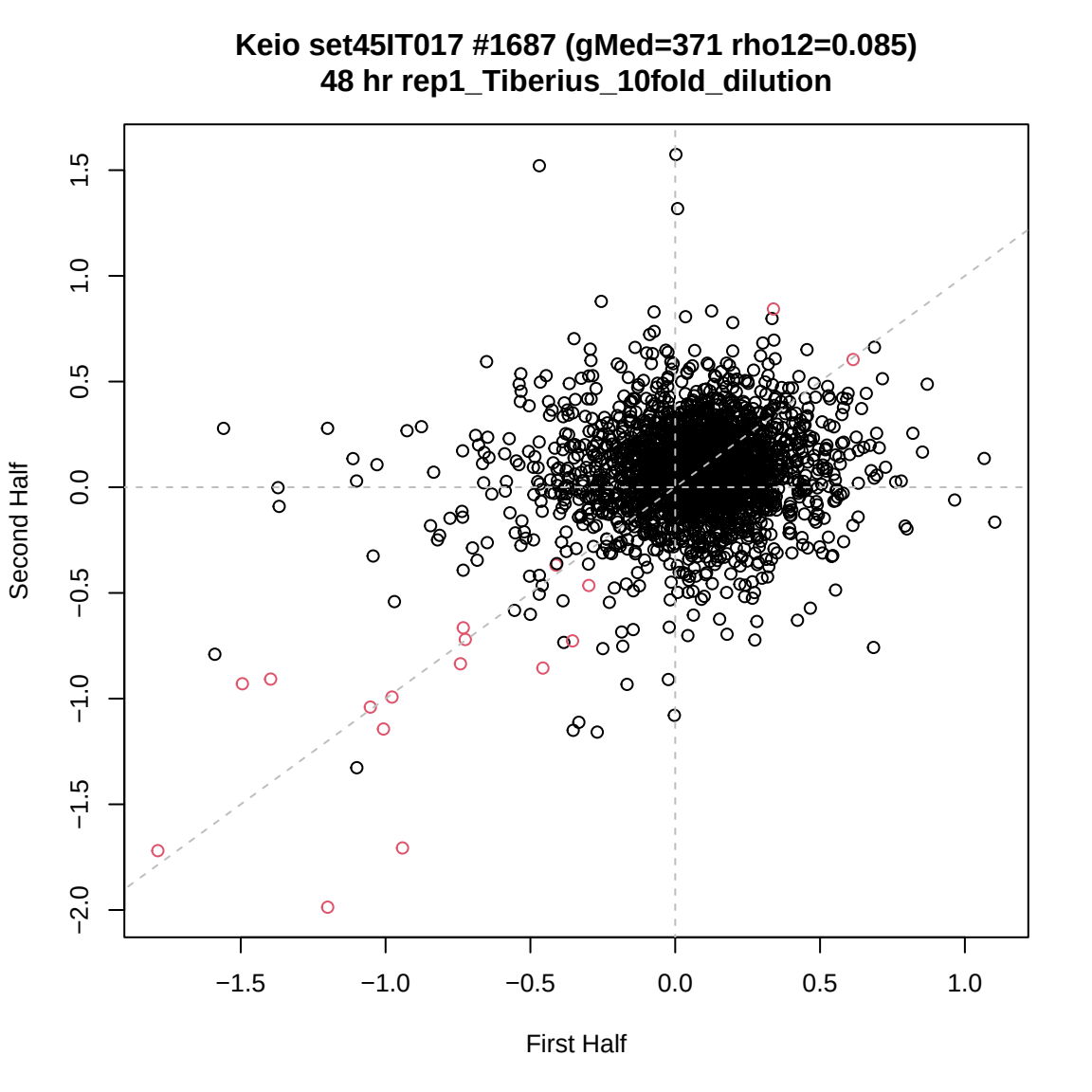

Keio set45IT012 #1682 (gMed=362 rho12=0.264)
48 hr NoPredatorControl
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

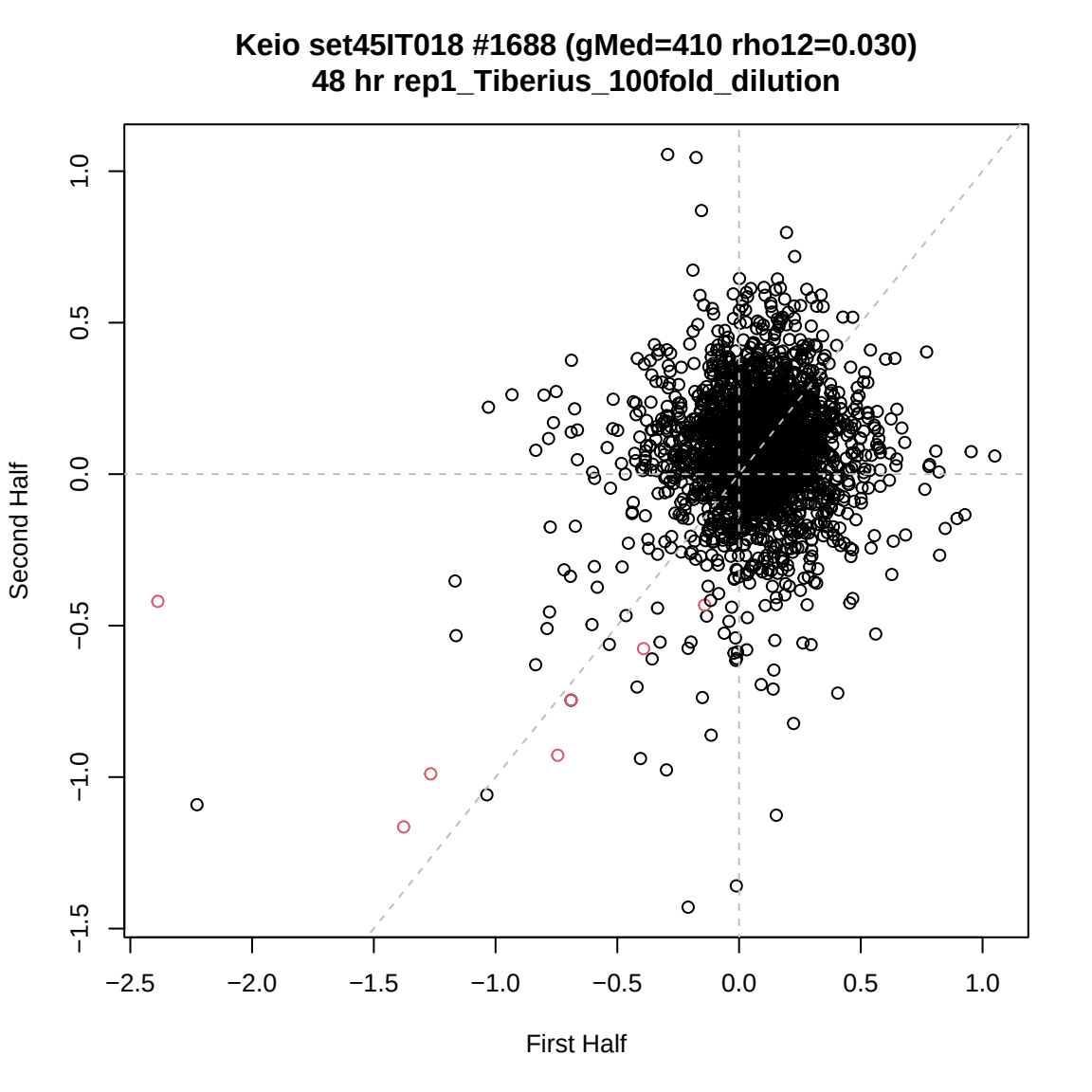

Keio set45IT013 #1683 (gMed=418 rho12=0.275)
48 hr rep3_HD100_no_dilution
Second Half
First Half
2
0
−2
−4
−6
−4
−3
−2
−1
0
1
2

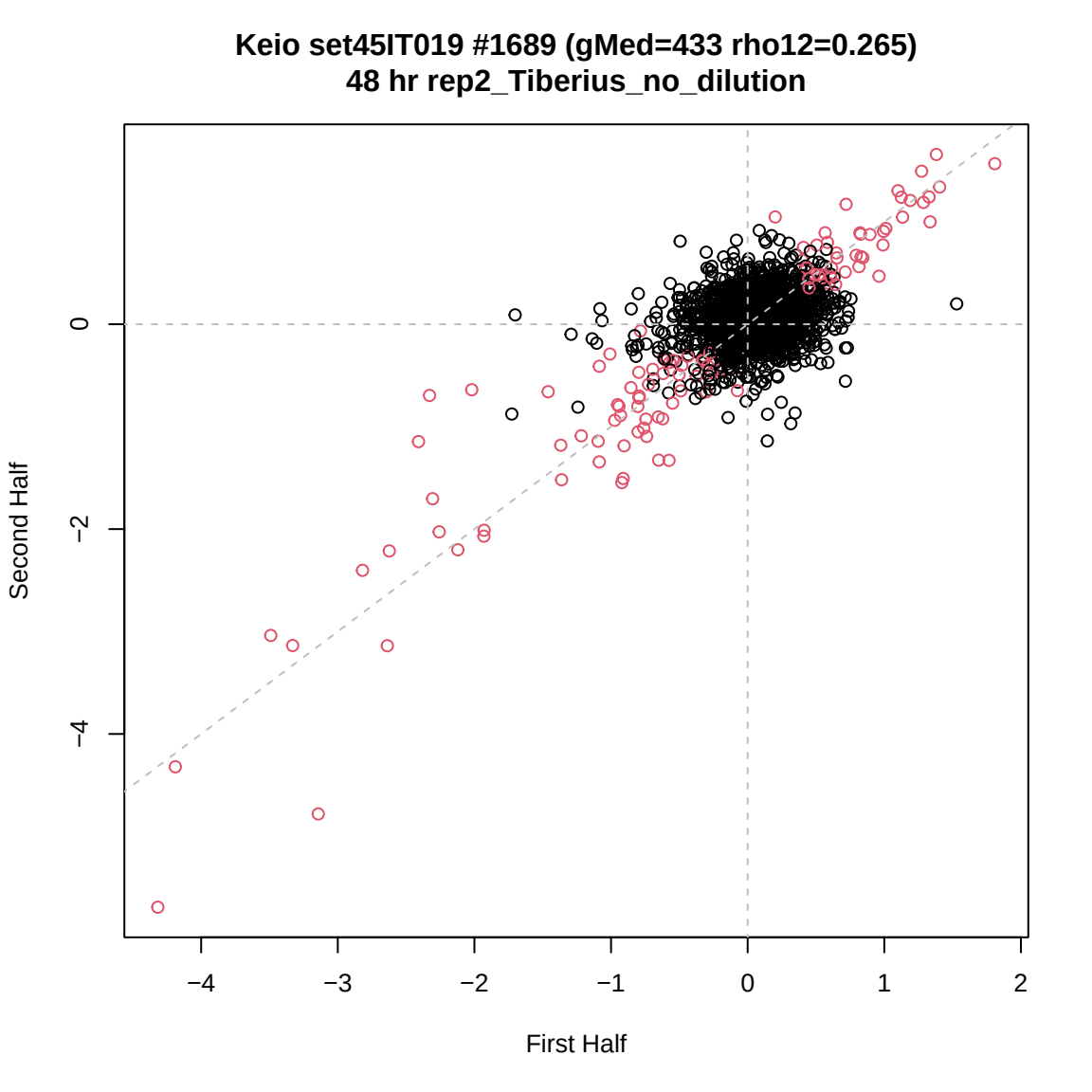

Keio set45IT014 #1684 (gMed=376 rho12=0.165)
48 hr rep3_HD100_10fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

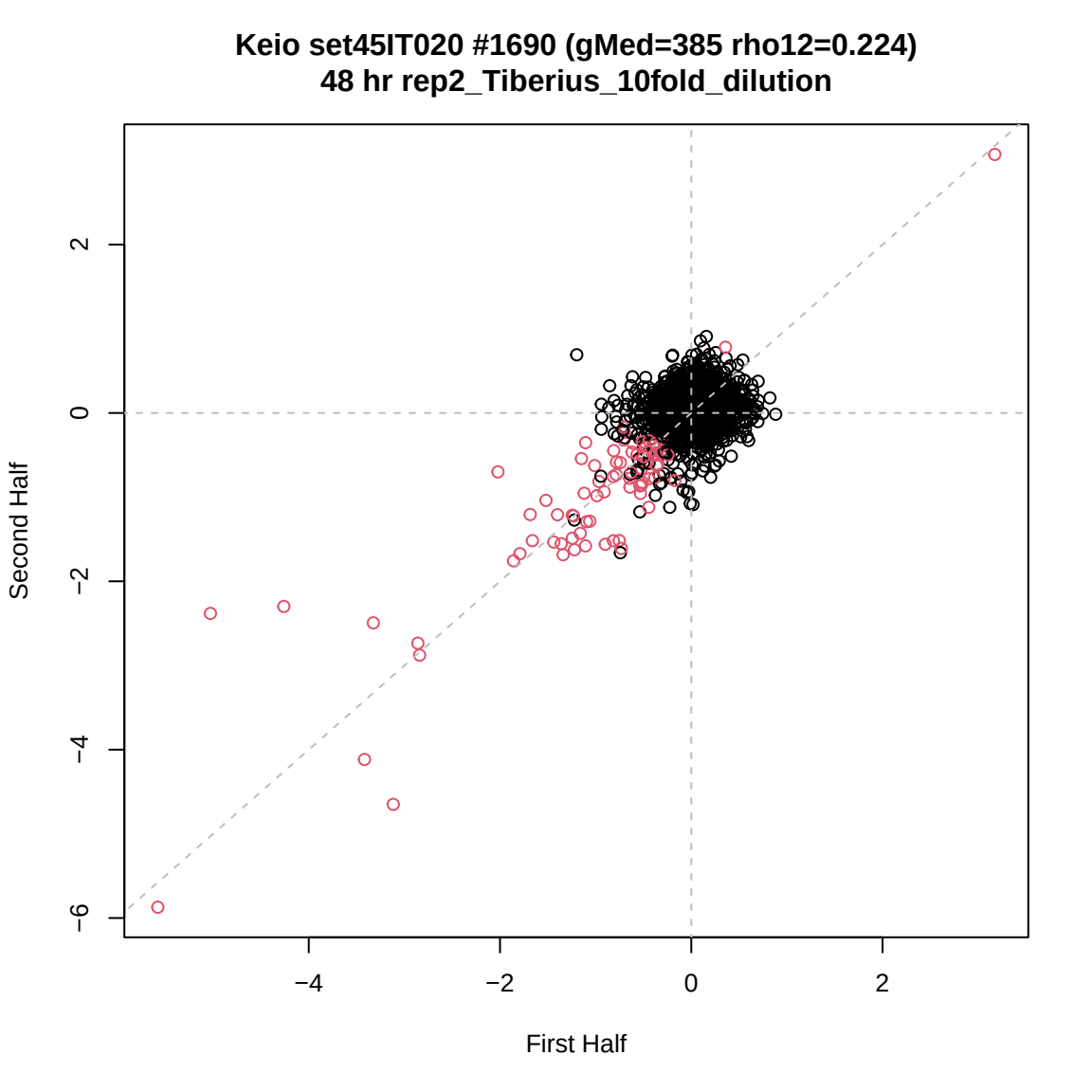

Keio set45IT015 #1685 (gMed=480 rho12=0.230)
48 hr rep3_HD100_100fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

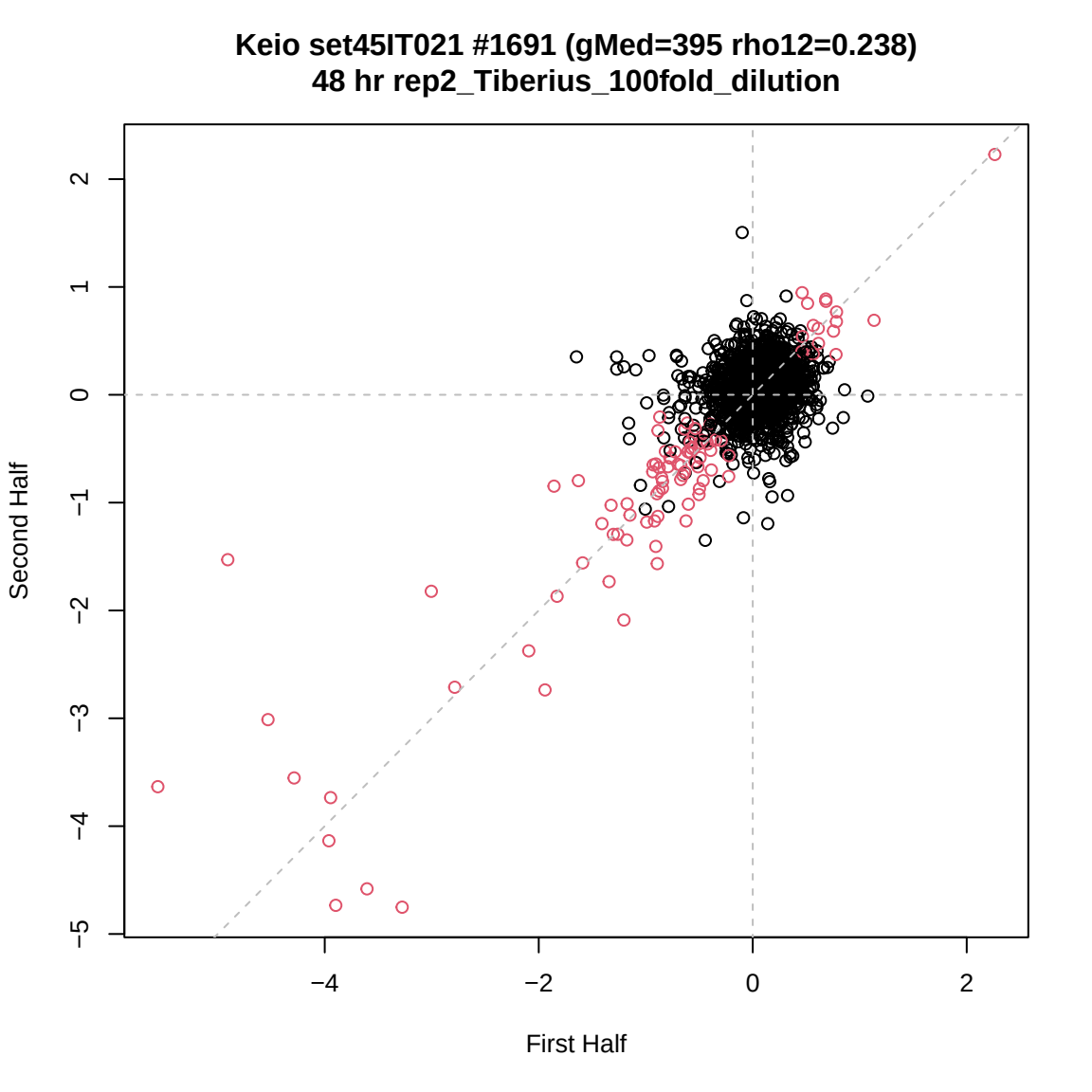

Keio set45IT016 #1686 (gMed=420 rho12=0.134)
48 hr rep1_Tiberius_no_dilution
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

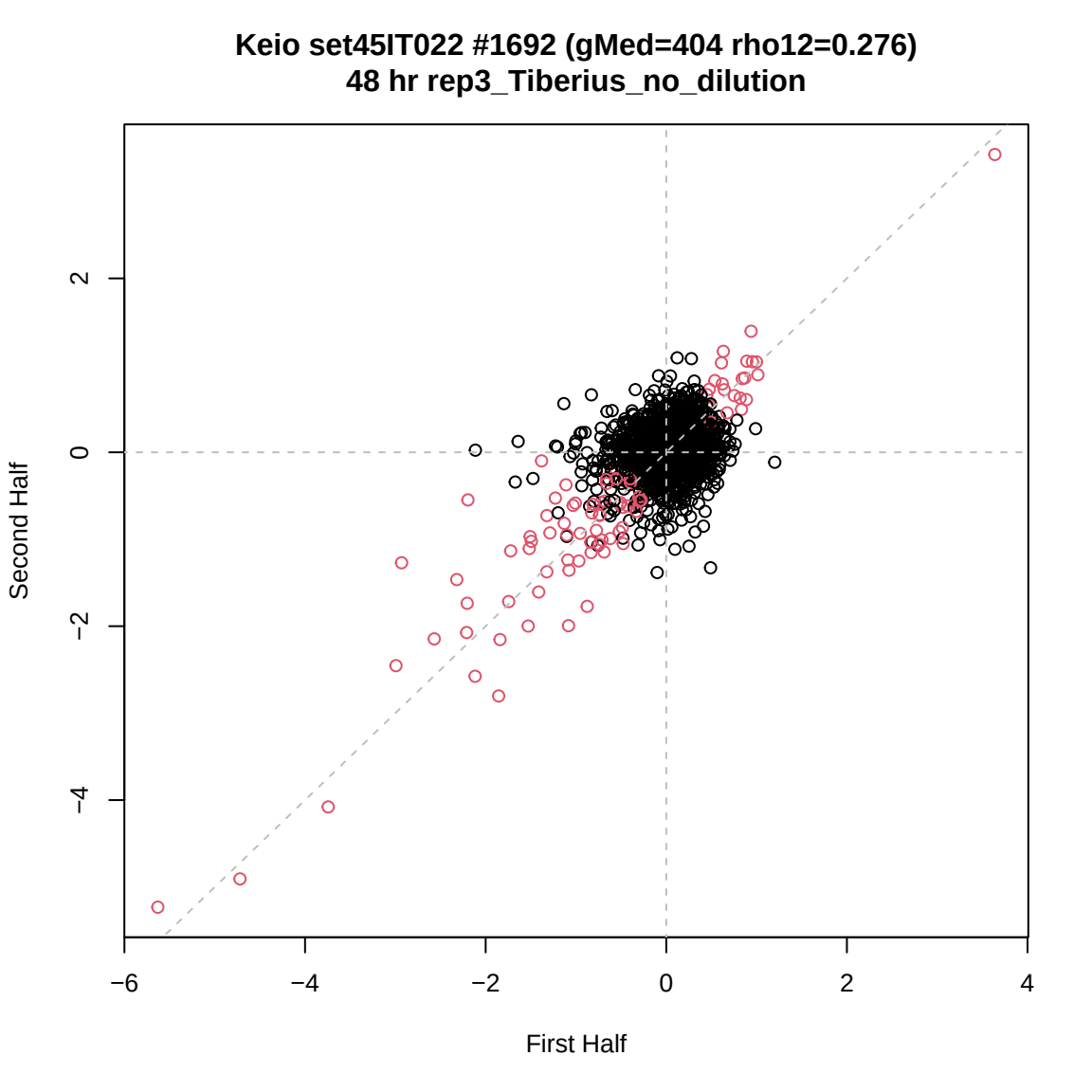

Keio set45IT017 #1687 (gMed=371 rho12=0.085)
48 hr rep1_Tiberius_10fold_dilution
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

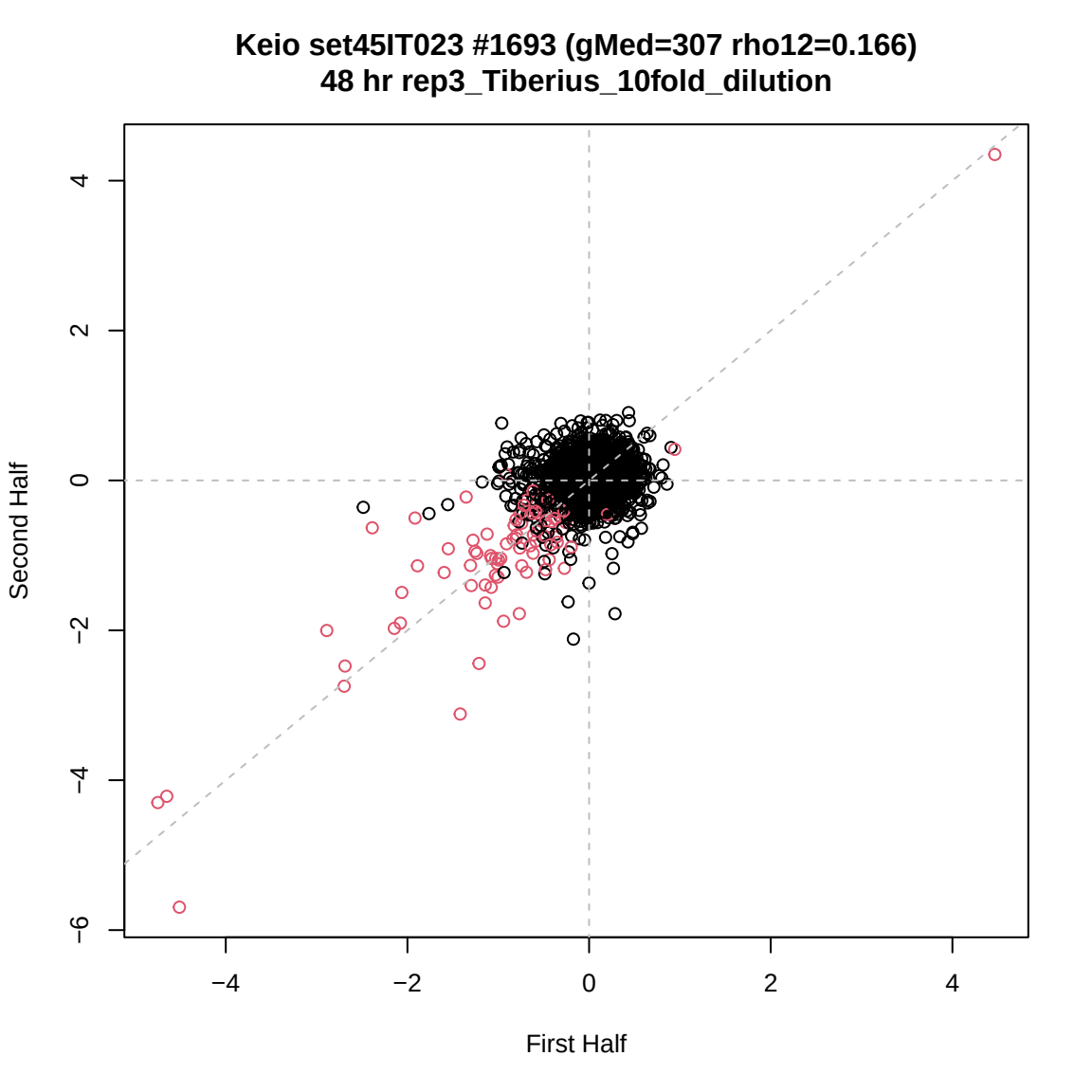

Keio set45IT018 #1688 (gMed=410 rho12=0.030)
48 hr rep1_Tiberius_100fold_dilution
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

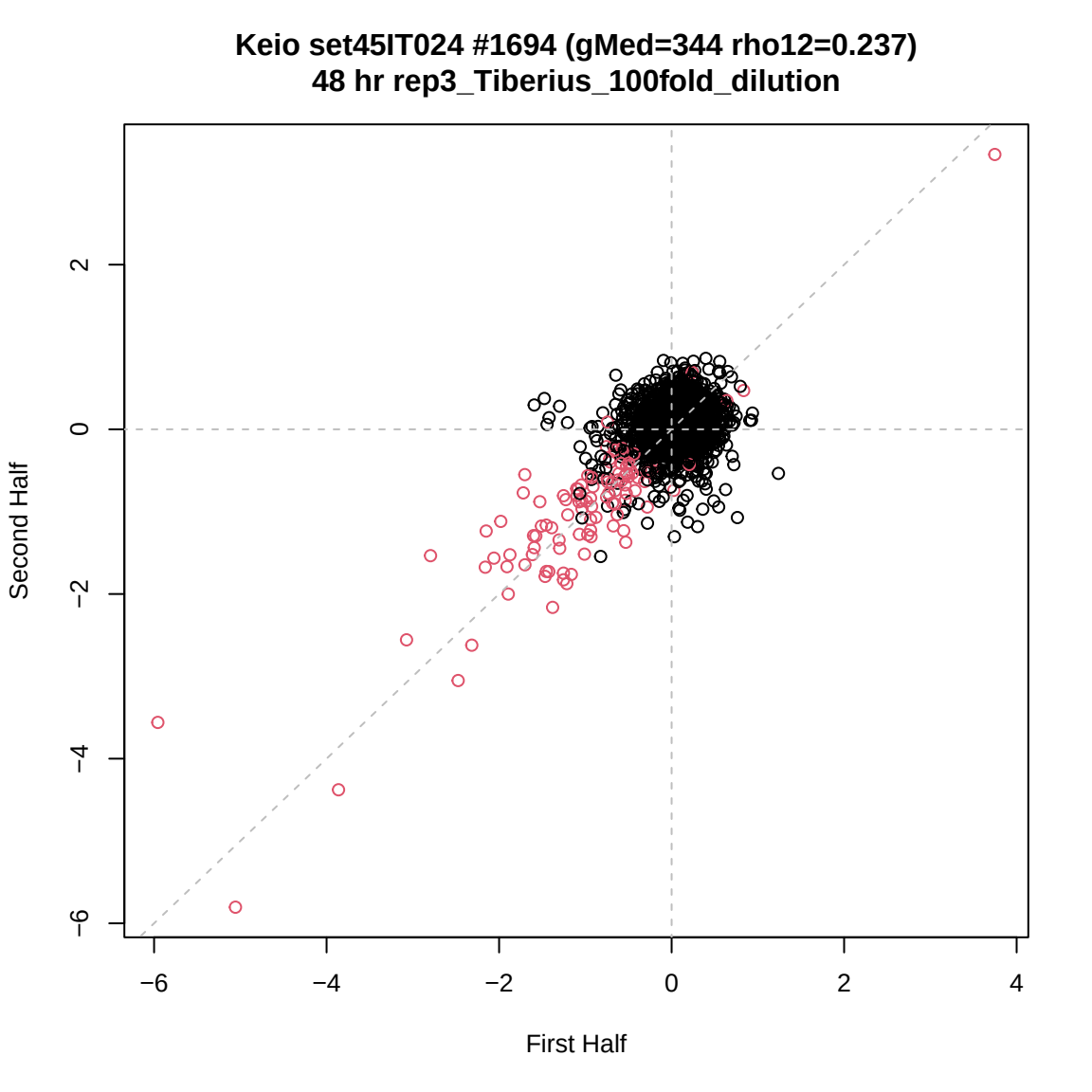

Keio set45IT019 #1689 (gMed=433 rho12=0.265)
48 hr rep2_Tiberius_no_dilution
Second Half
First Half
0
−2
−4
−4
−3
−2
−1
0
1
2

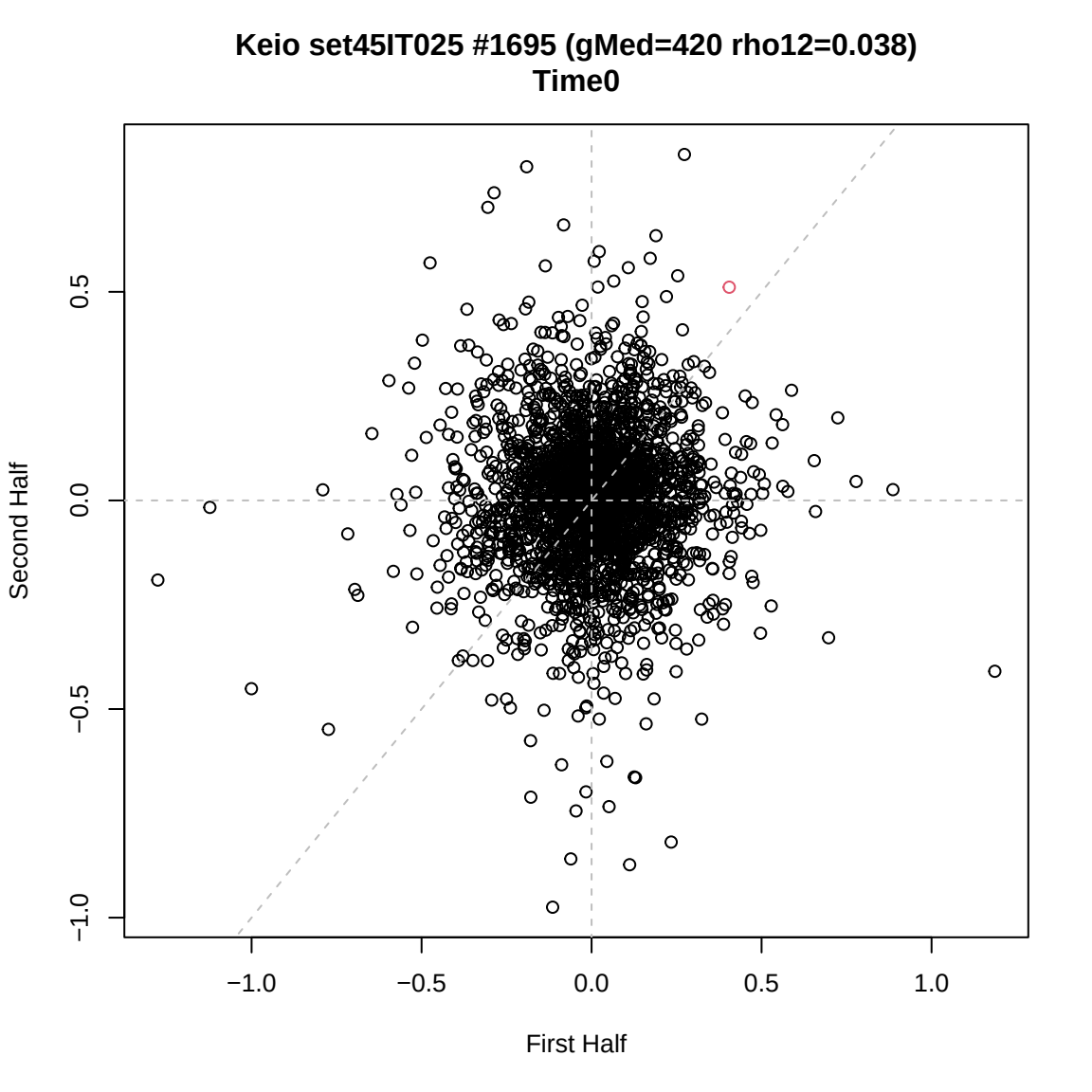

Keio set45IT020 #1690 (gMed=385 rho12=0.224)
48 hr rep2_Tiberius_10fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

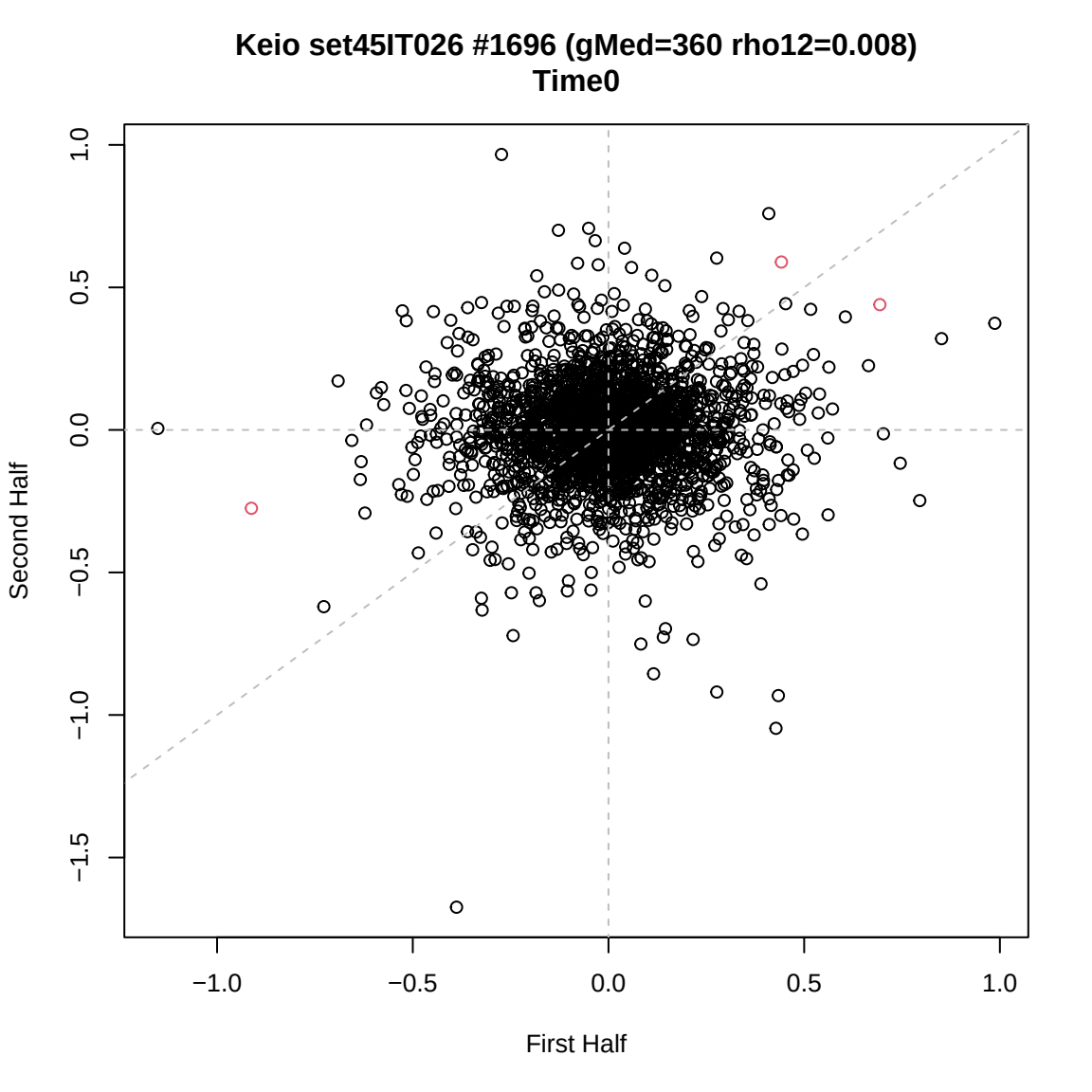

Keio set45IT021 #1691 (gMed=395 rho12=0.238)
48 hr rep2_Tiberius_100fold_dilution
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−2
0
2

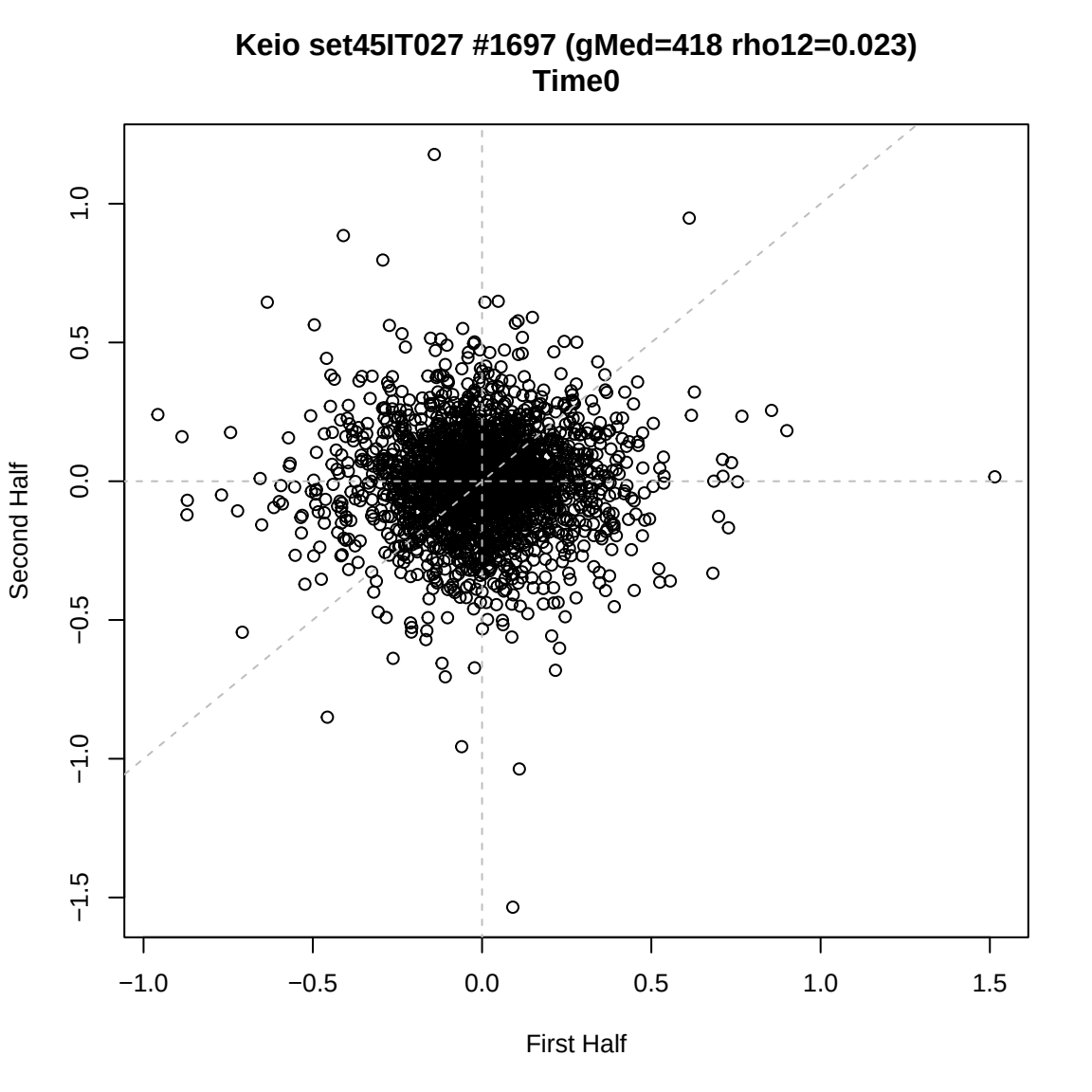

Keio set45IT022 #1692 (gMed=404 rho12=0.276)
48 hr rep3_Tiberius_no_dilution
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2
4

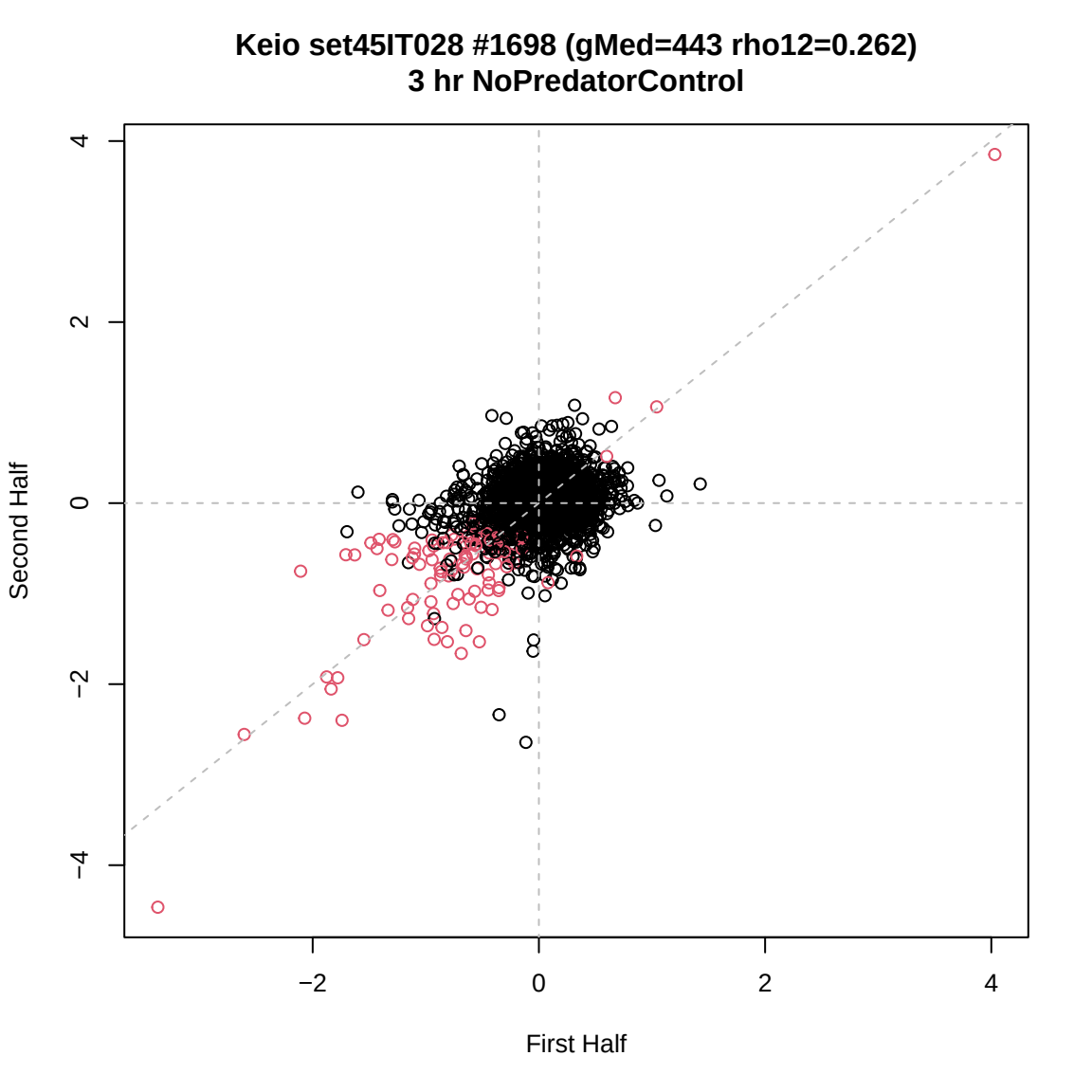

Keio set45IT023 #1693 (gMed=307 rho12=0.166)
48 hr rep3_Tiberius_10fold_dilution
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

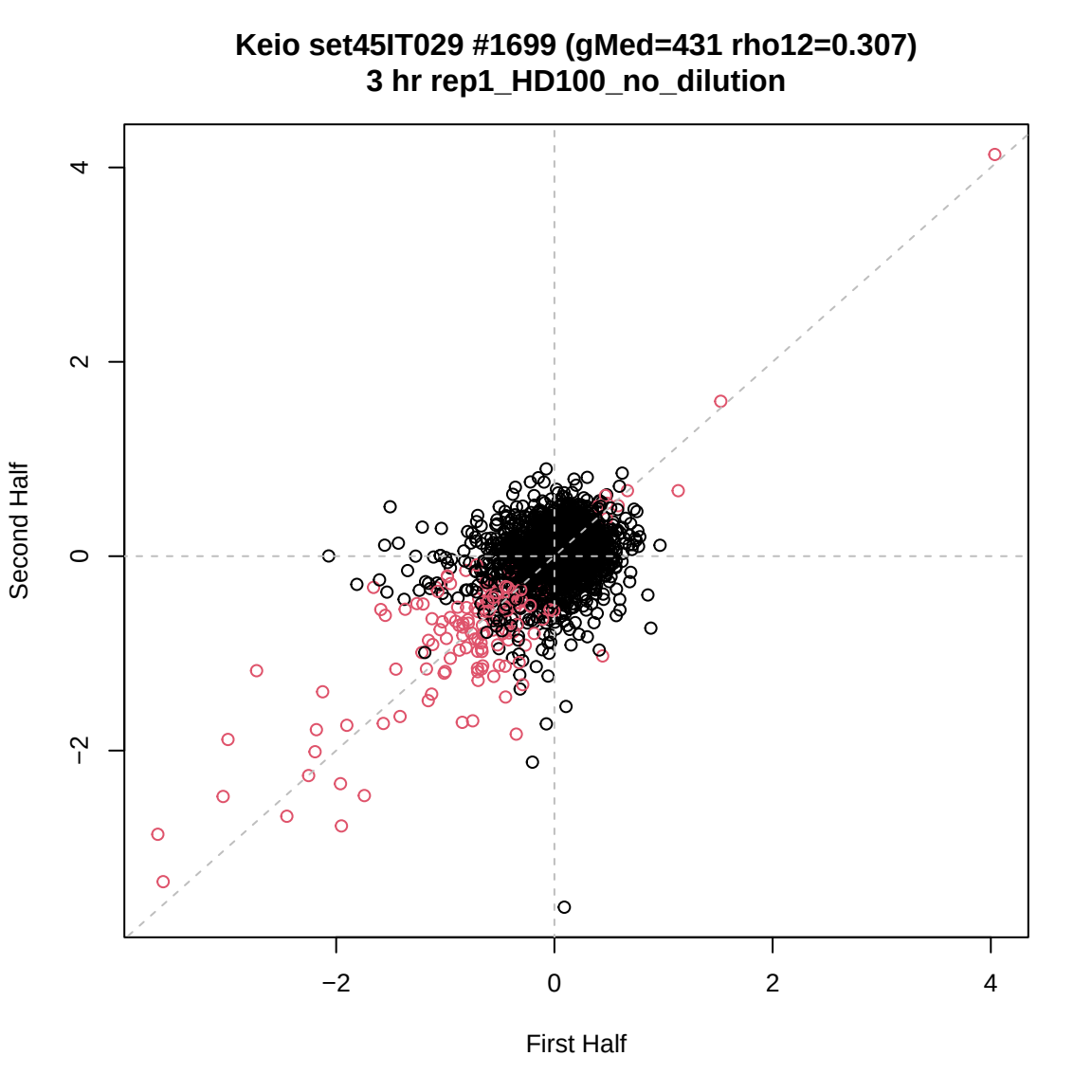

Keio set45IT024 #1694 (gMed=344 rho12=0.237)
48 hr rep3_Tiberius_100fold_dilution
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2
4

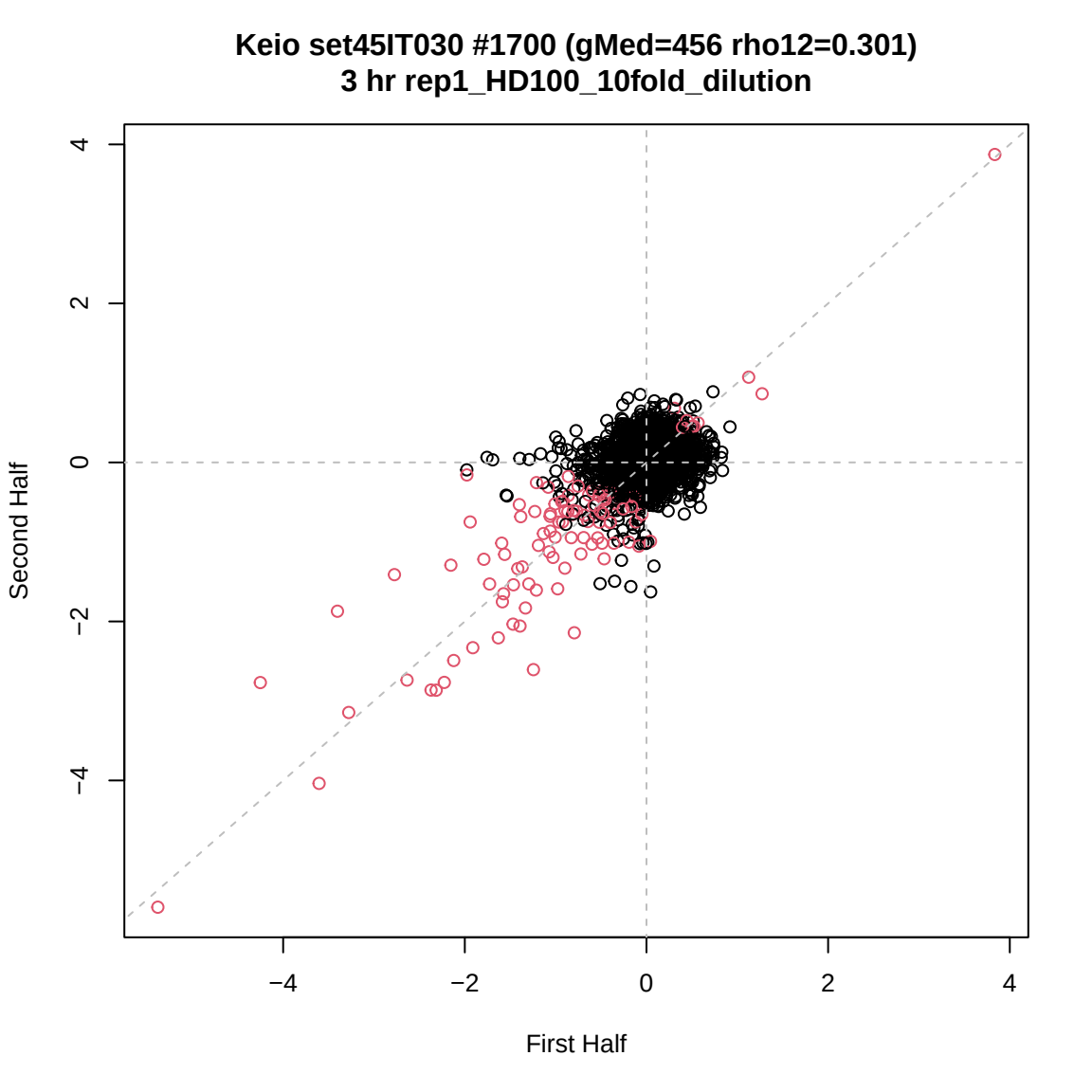

Keio set45IT025 #1695 (gMed=420 rho12=0.038)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

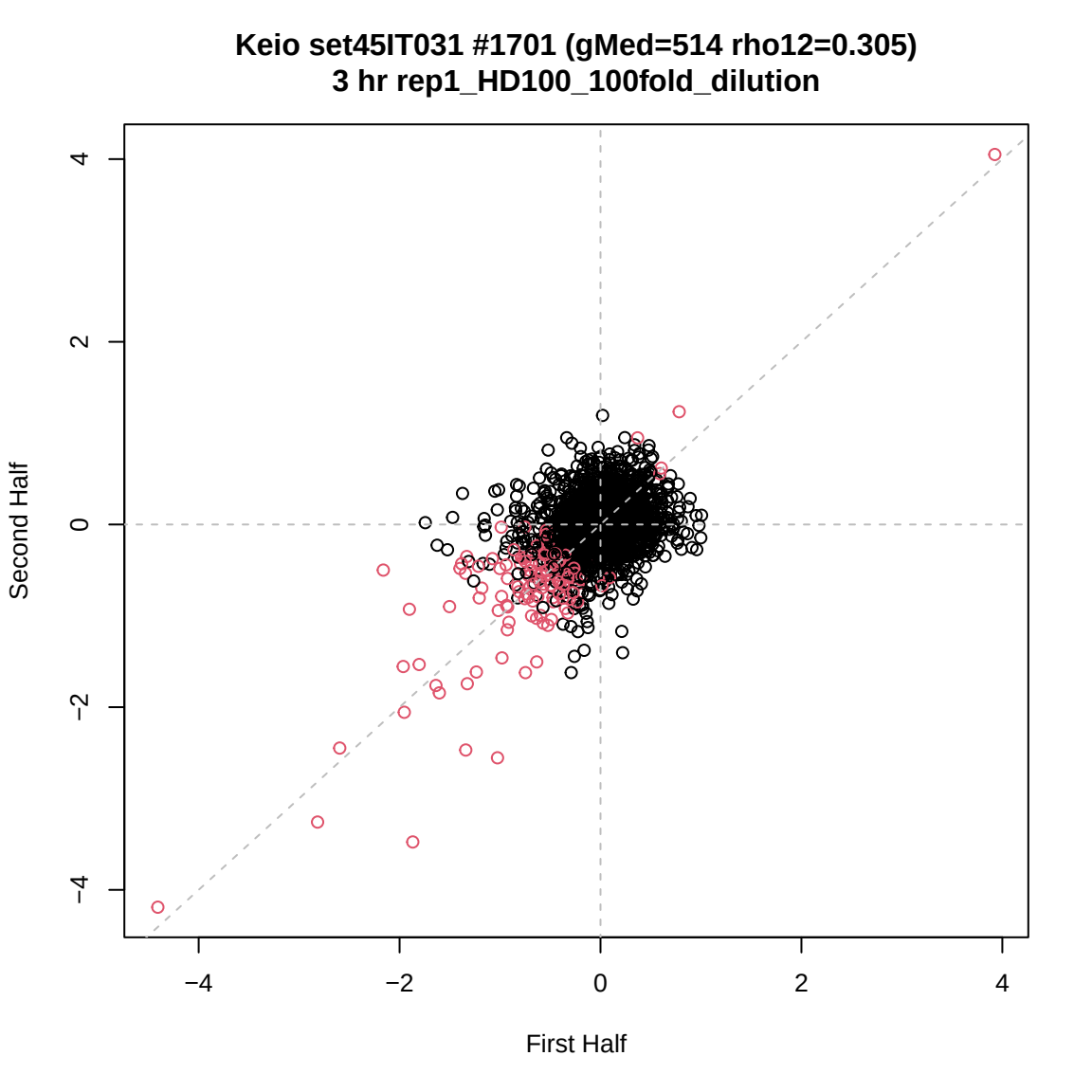

Keio set45IT026 #1696 (gMed=360 rho12=0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

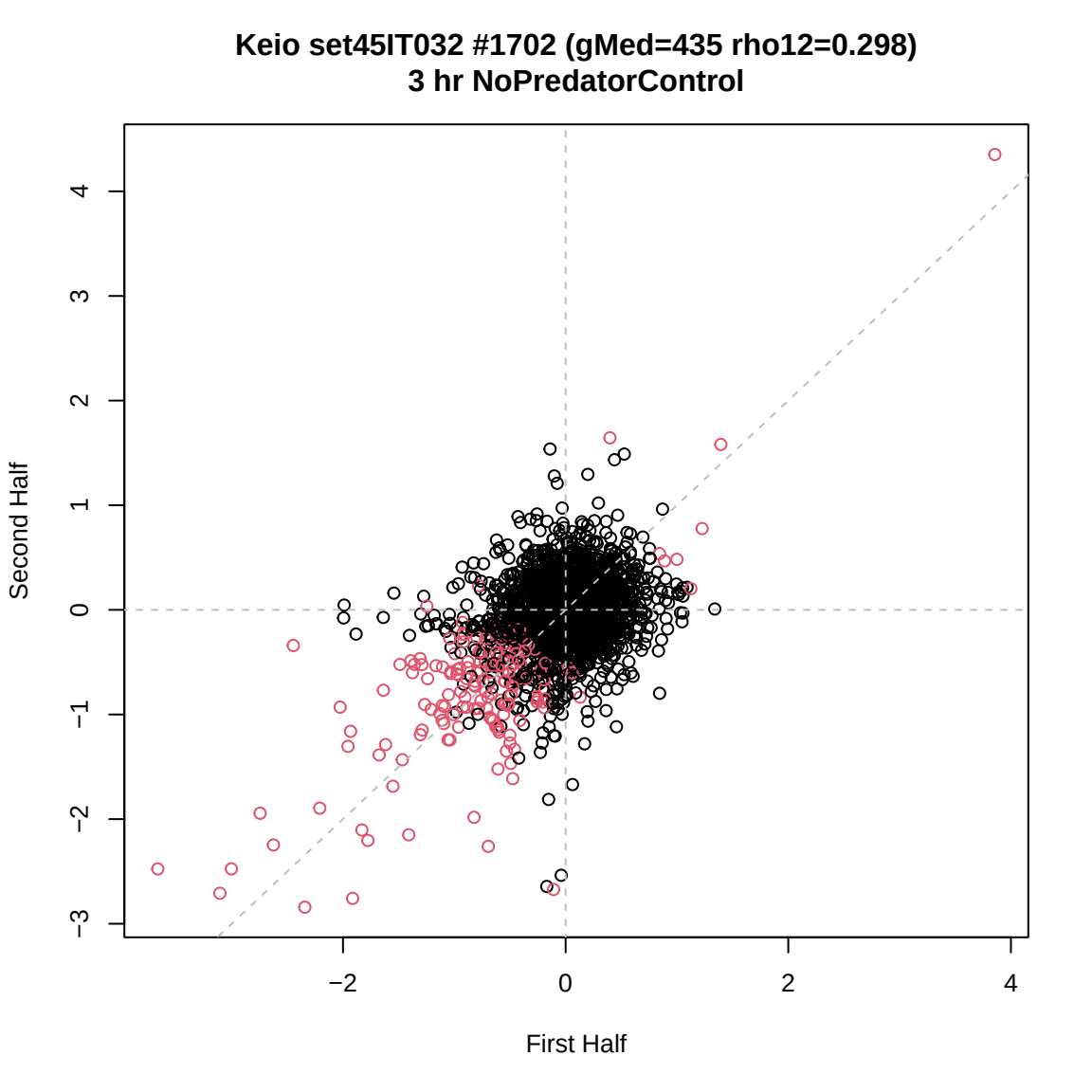

Keio set45IT027 #1697 (gMed=418 rho12=0.023)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

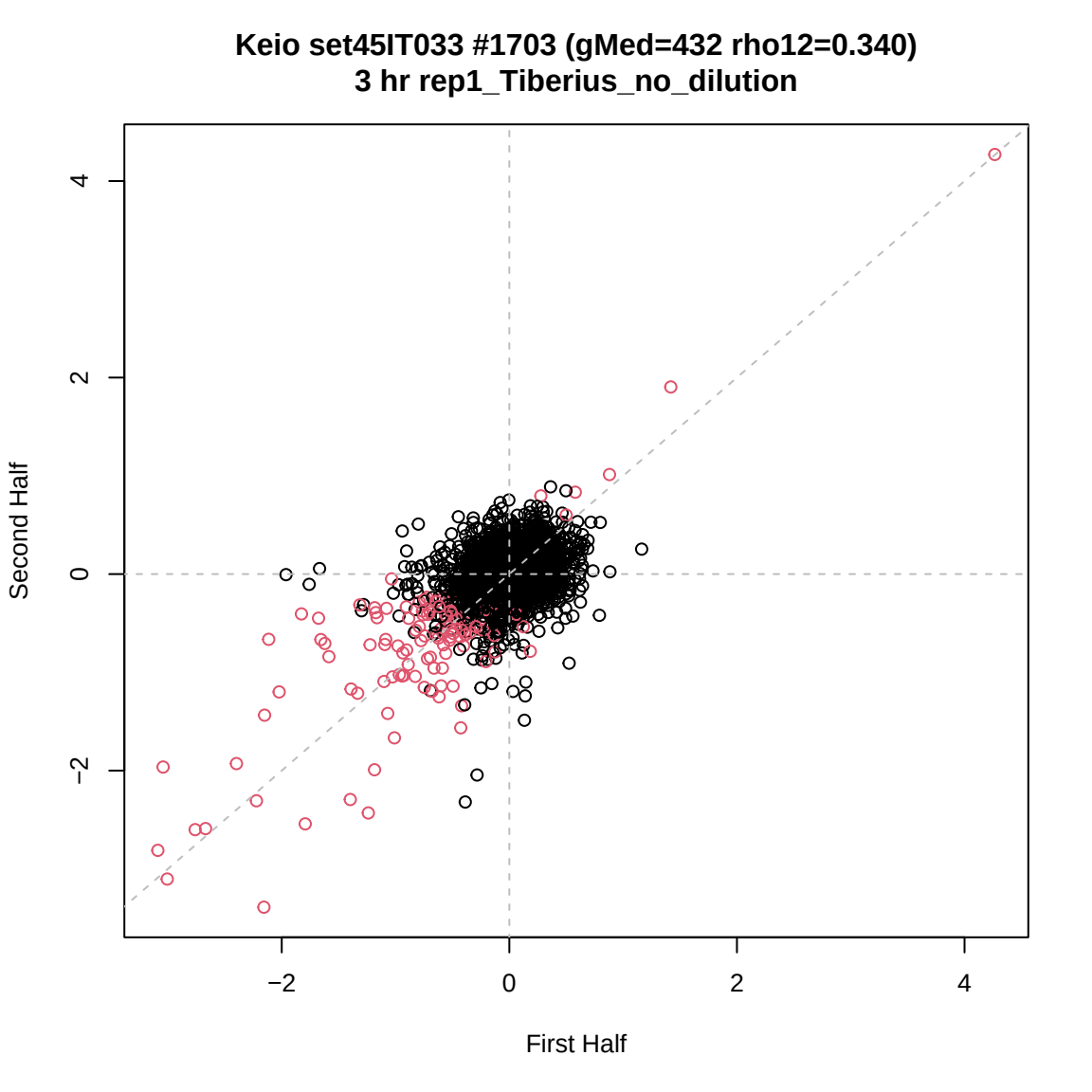

Keio set45IT028 #1698 (gMed=443 rho12=0.262)
3 hr NoPredatorControl
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

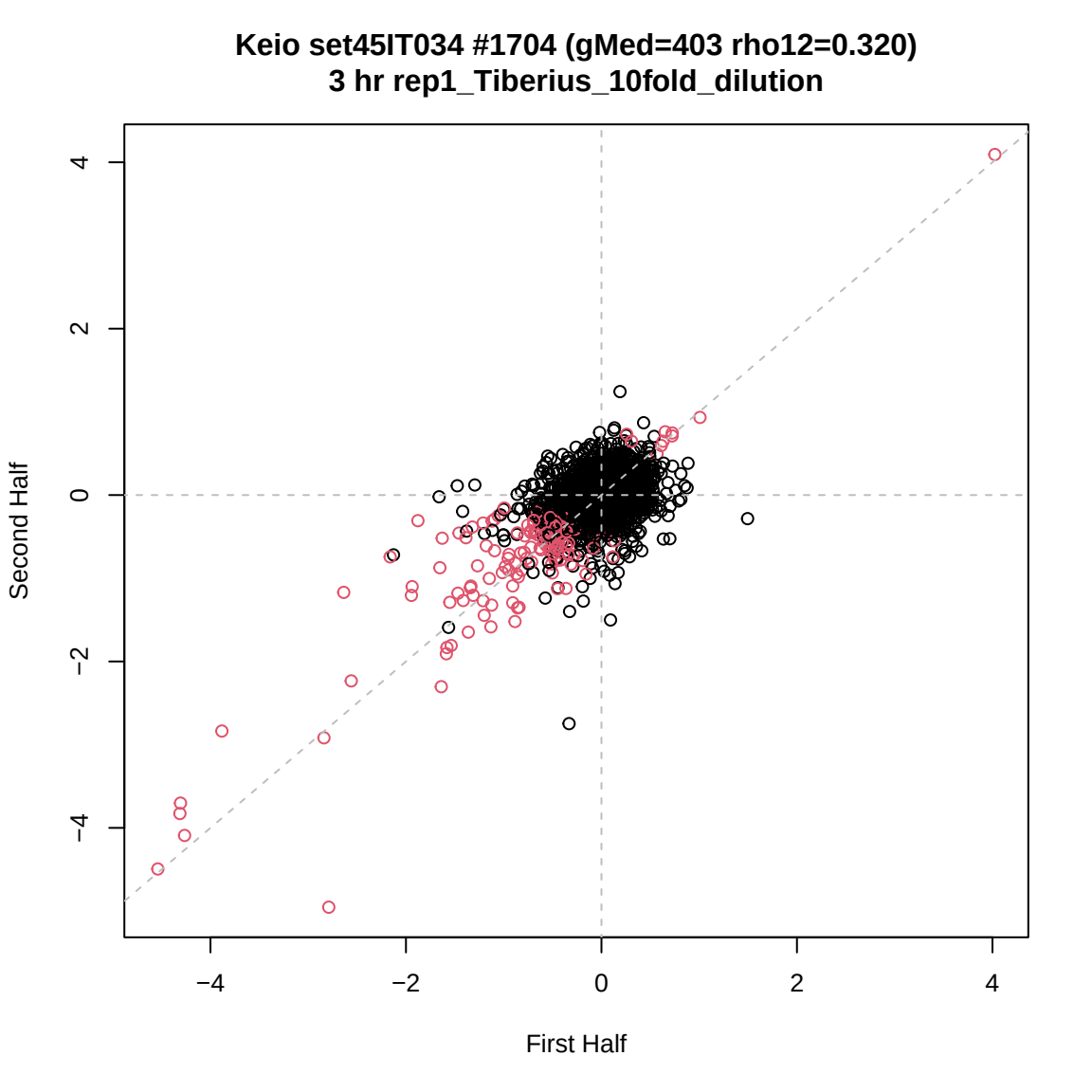

Keio set45IT029 #1699 (gMed=431 rho12=0.307)
3 hr rep1_HD100_no_dilution
Second Half
First Half
4
2
0
−2
−2
0
2
4

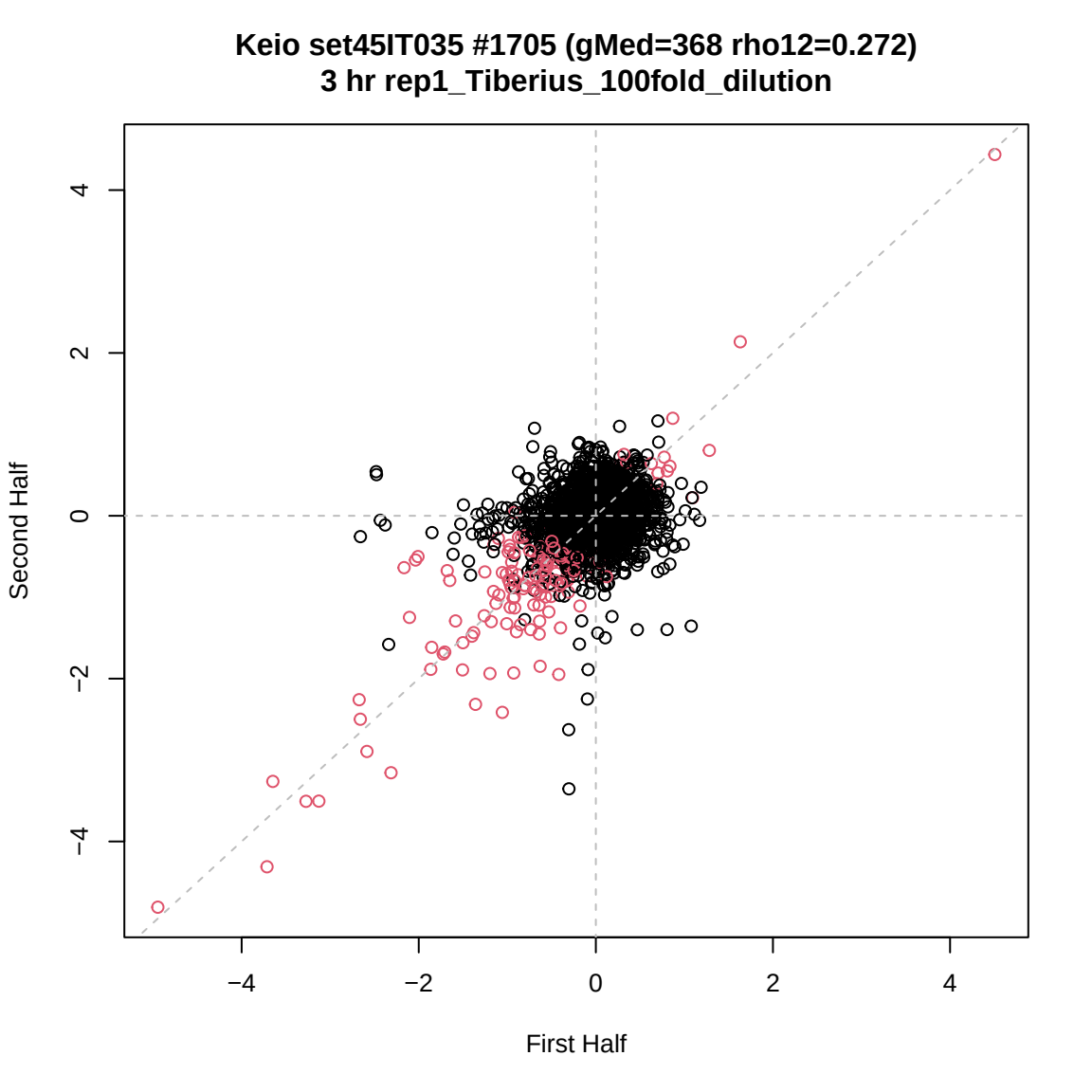

Keio set45IT030 #1700 (gMed=456 rho12=0.301)
3 hr rep1_HD100_10fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

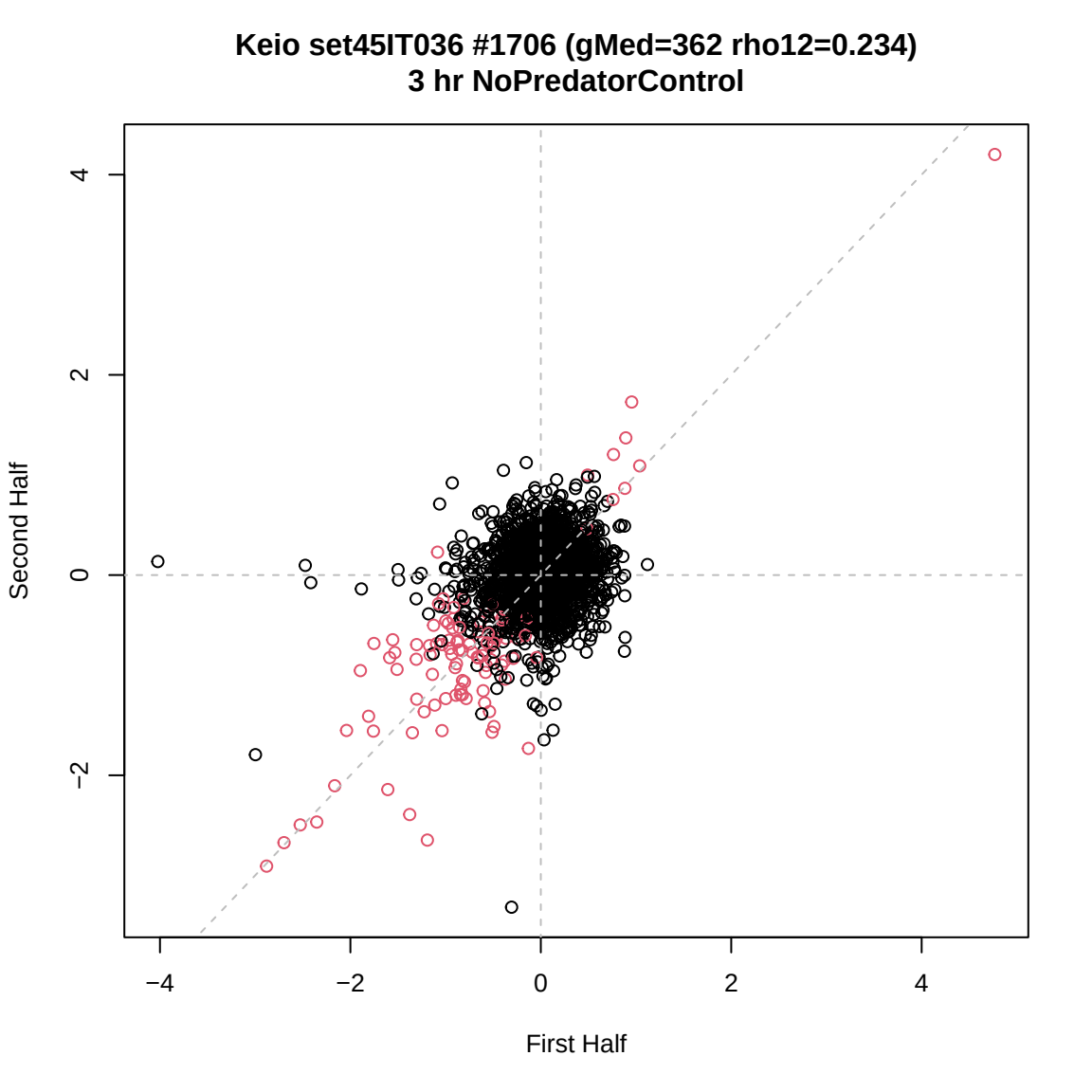

Keio set45IT031 #1701 (gMed=514 rho12=0.305)
3 hr rep1_HD100_100fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

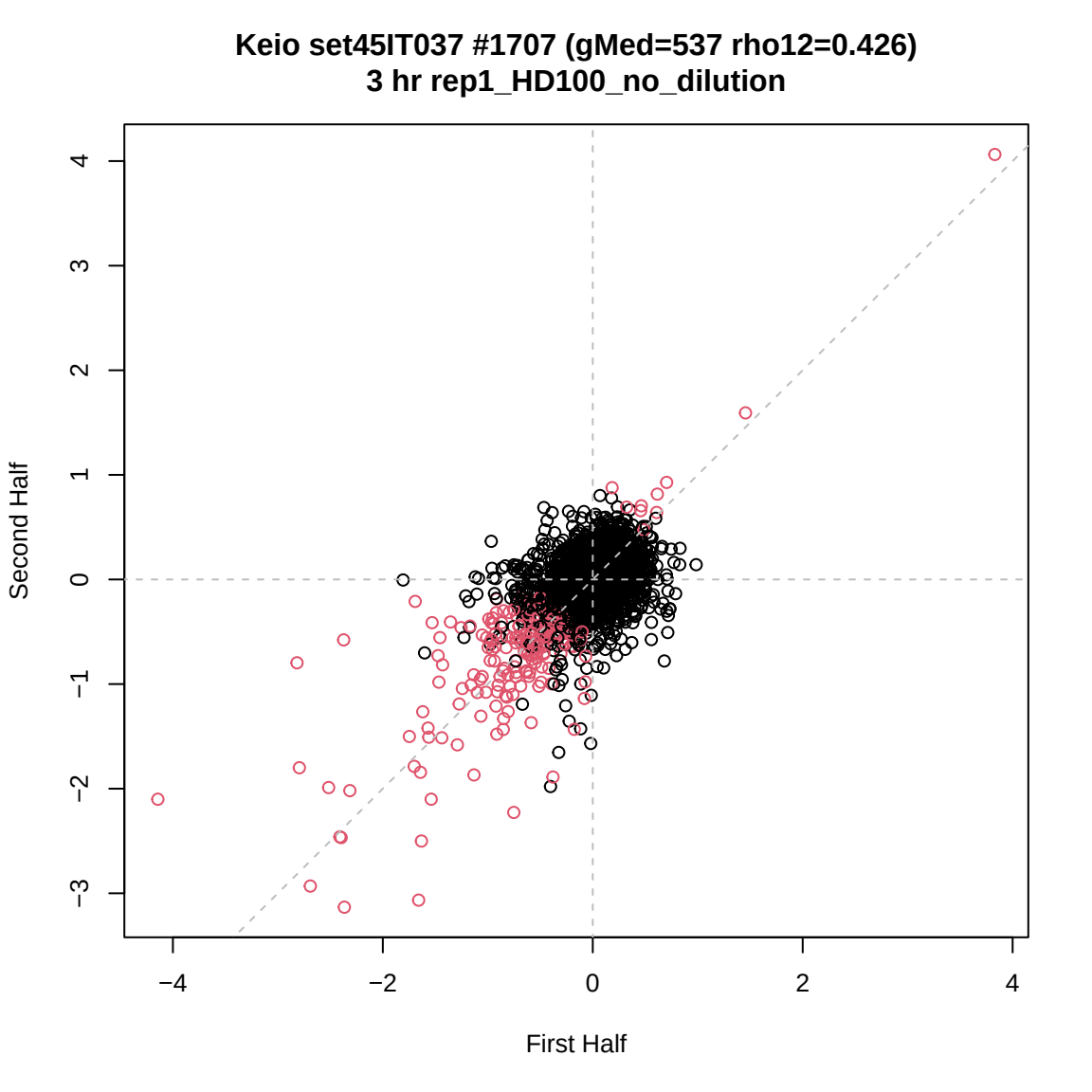

Keio set45IT032 #1702 (gMed=435 rho12=0.298)
3 hr NoPredatorControl
Second Half
First Half
4
3
2
1
0
−1
−2
−3
−2
0
2
4

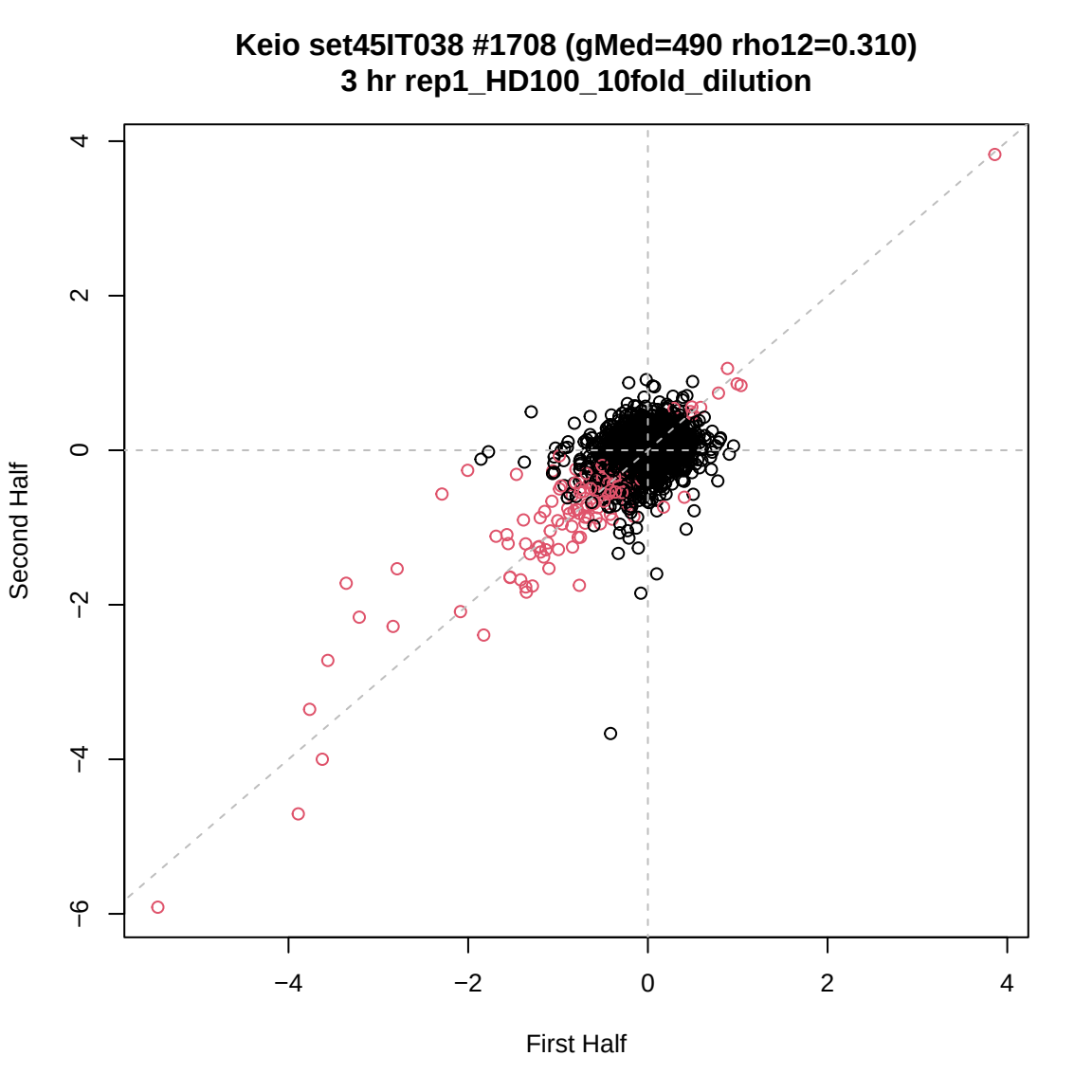

Keio set45IT033 #1703 (gMed=432 rho12=0.340)
3 hr rep1_Tiberius_no_dilution
Second Half
First Half
4
2
0
−2
−2
0
2
4

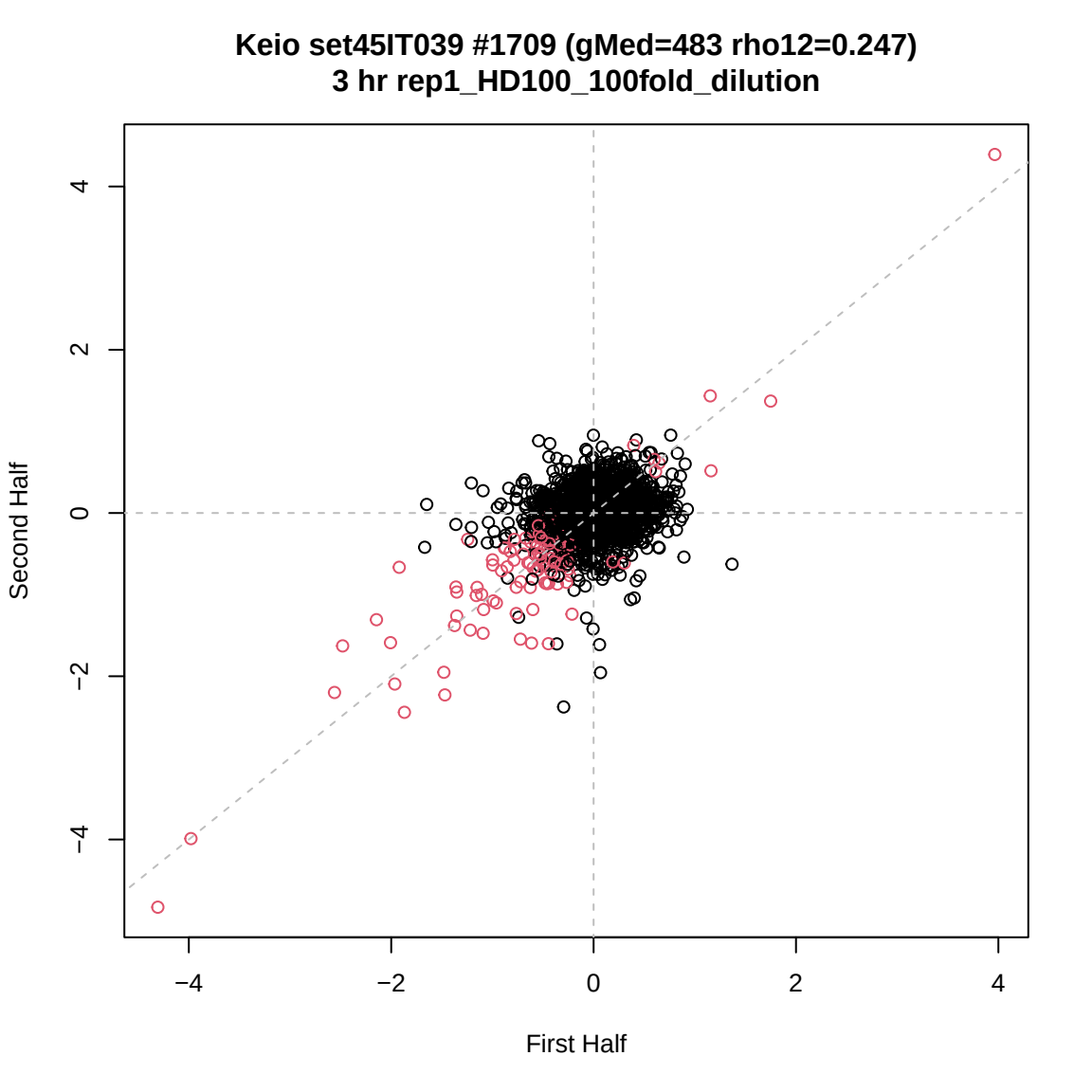

Keio set45IT034 #1704 (gMed=403 rho12=0.320)
3 hr rep1_Tiberius_10fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

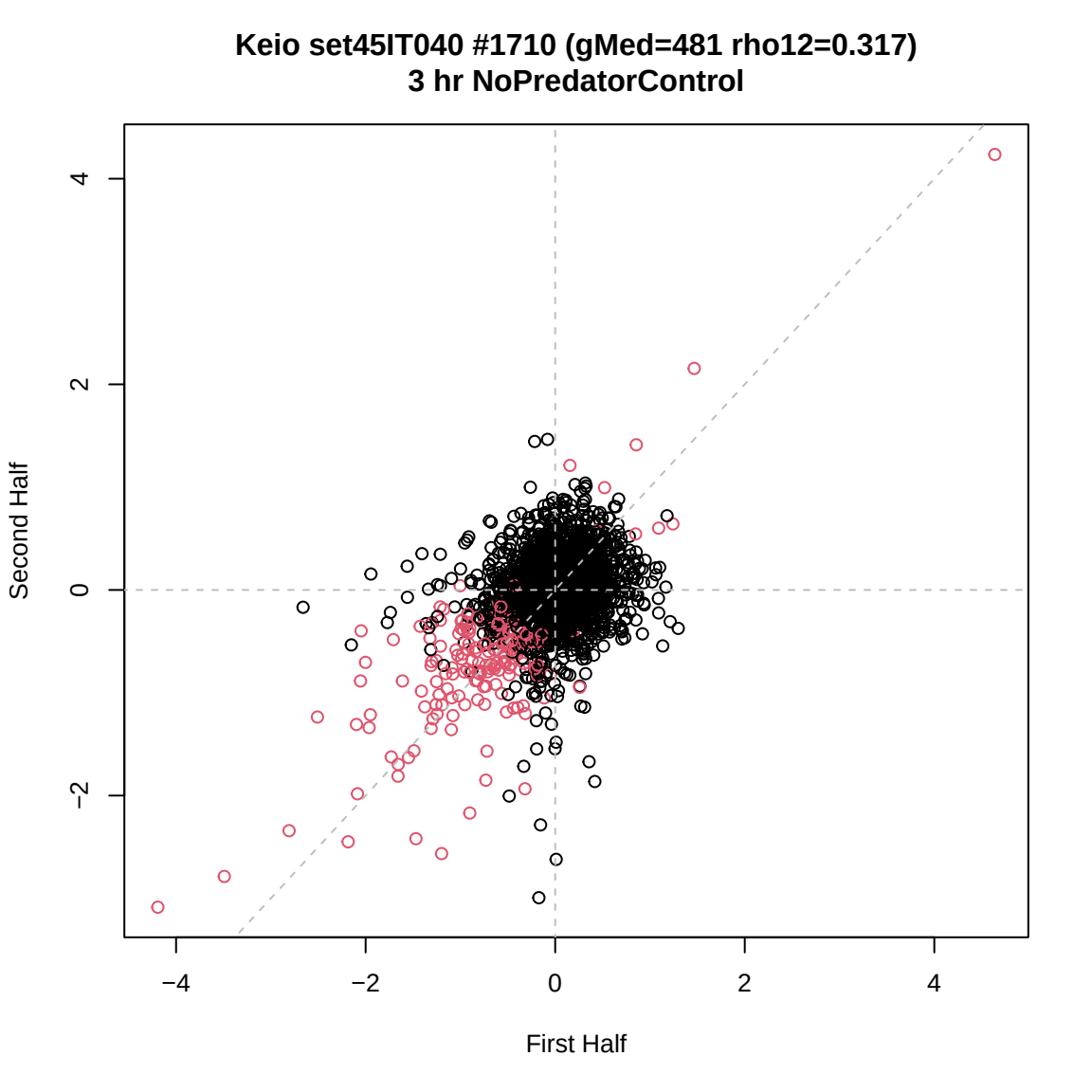

Keio set45IT035 #1705 (gMed=368 rho12=0.272)
3 hr rep1_Tiberius_100fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

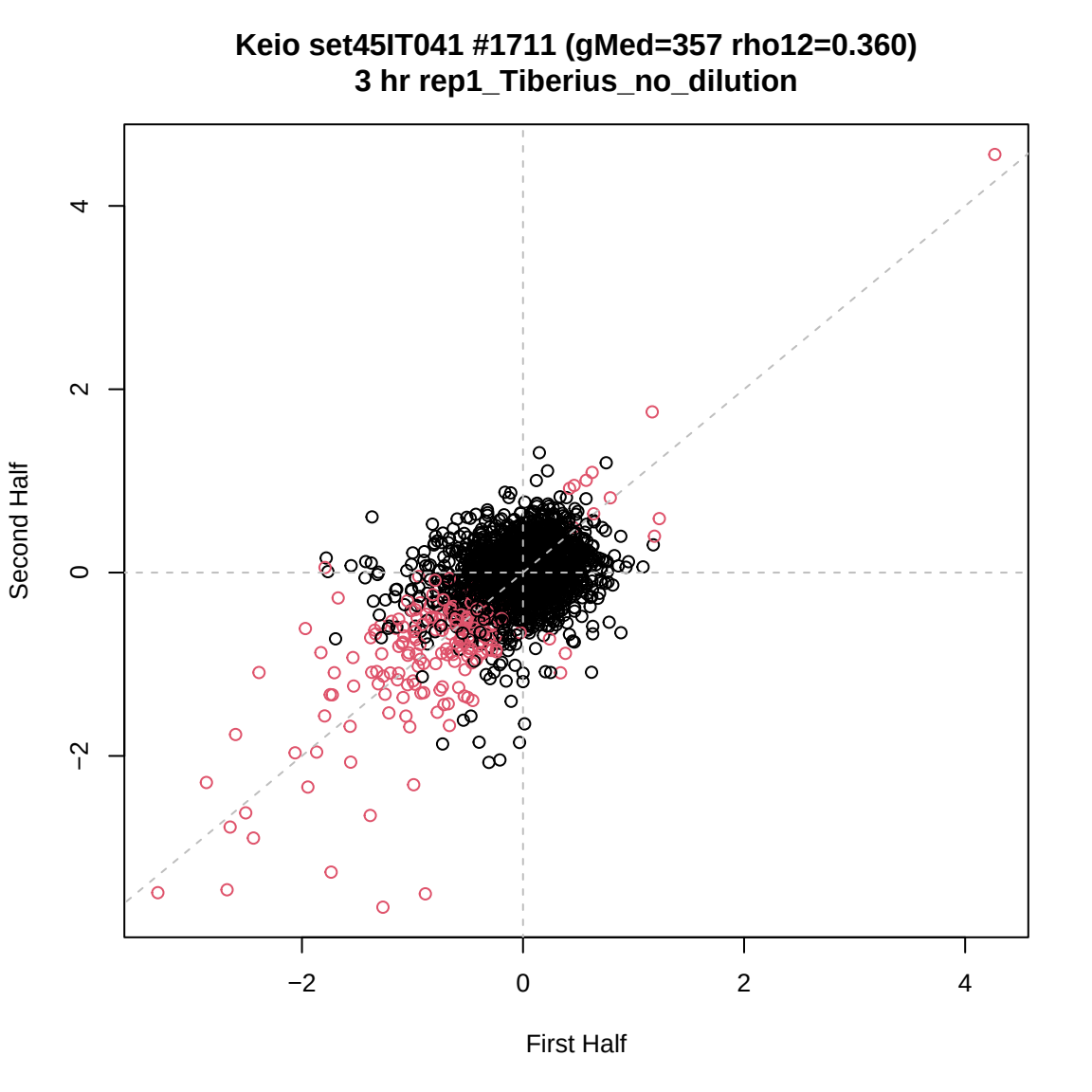

Keio set45IT036 #1706 (gMed=362 rho12=0.234)
3 hr NoPredatorControl
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

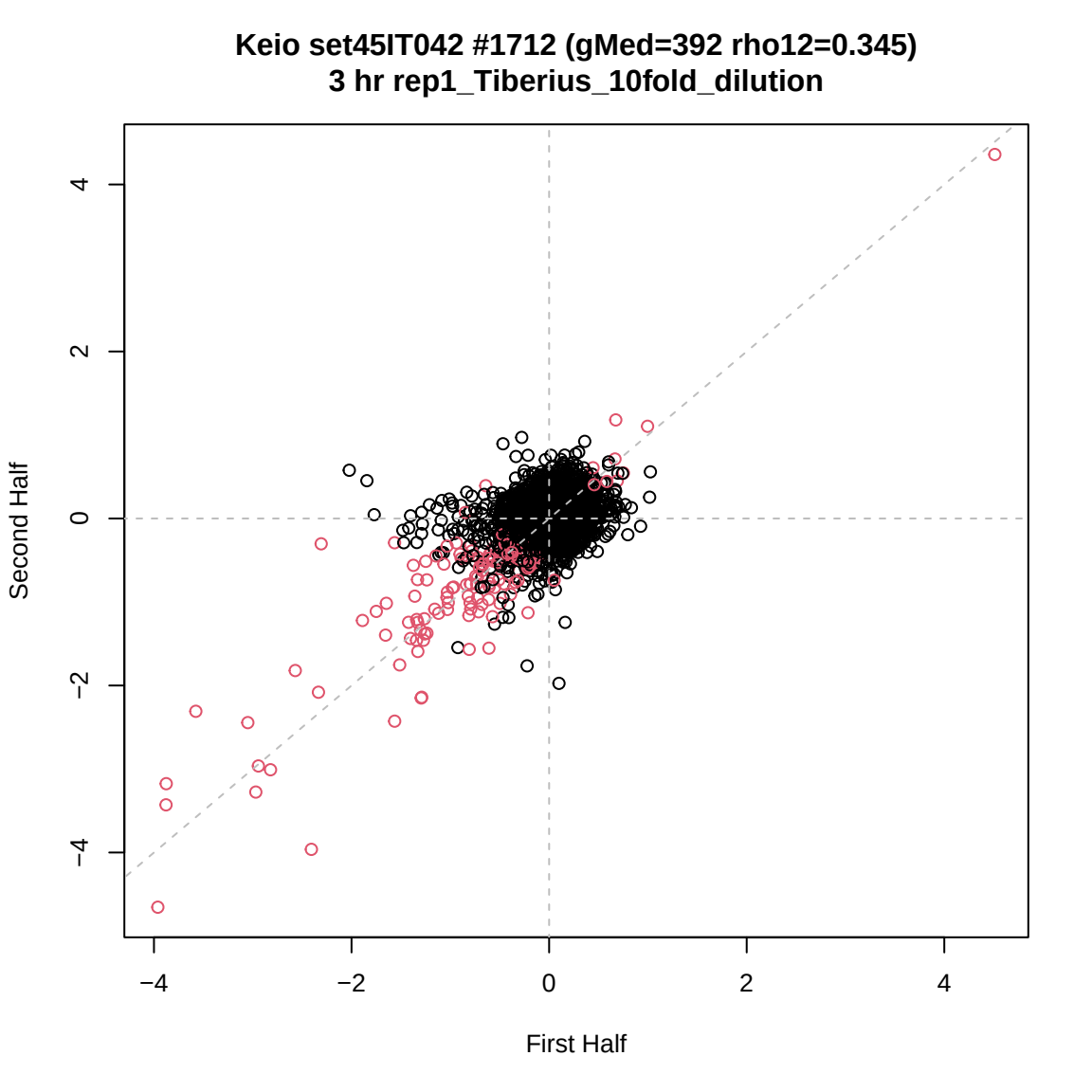

Keio set45IT037 #1707 (gMed=537 rho12=0.426)
3 hr rep1_HD100_no_dilution
Second Half
First Half
4
3
2
1
0
−1
−2
−3
−4
−2
0
2
4

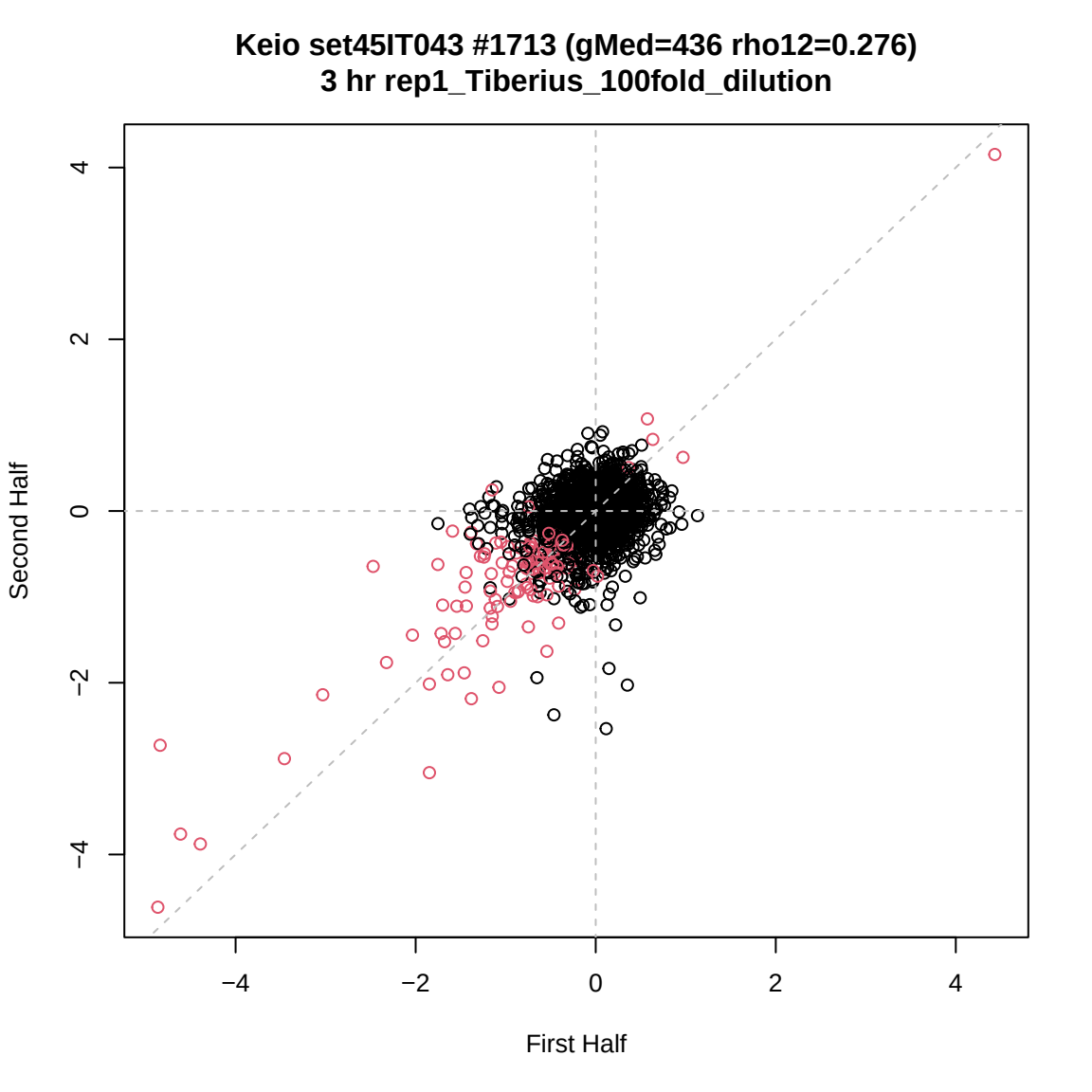

Keio set45IT038 #1708 (gMed=490 rho12=0.310)
3 hr rep1_HD100_10fold_dilution
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

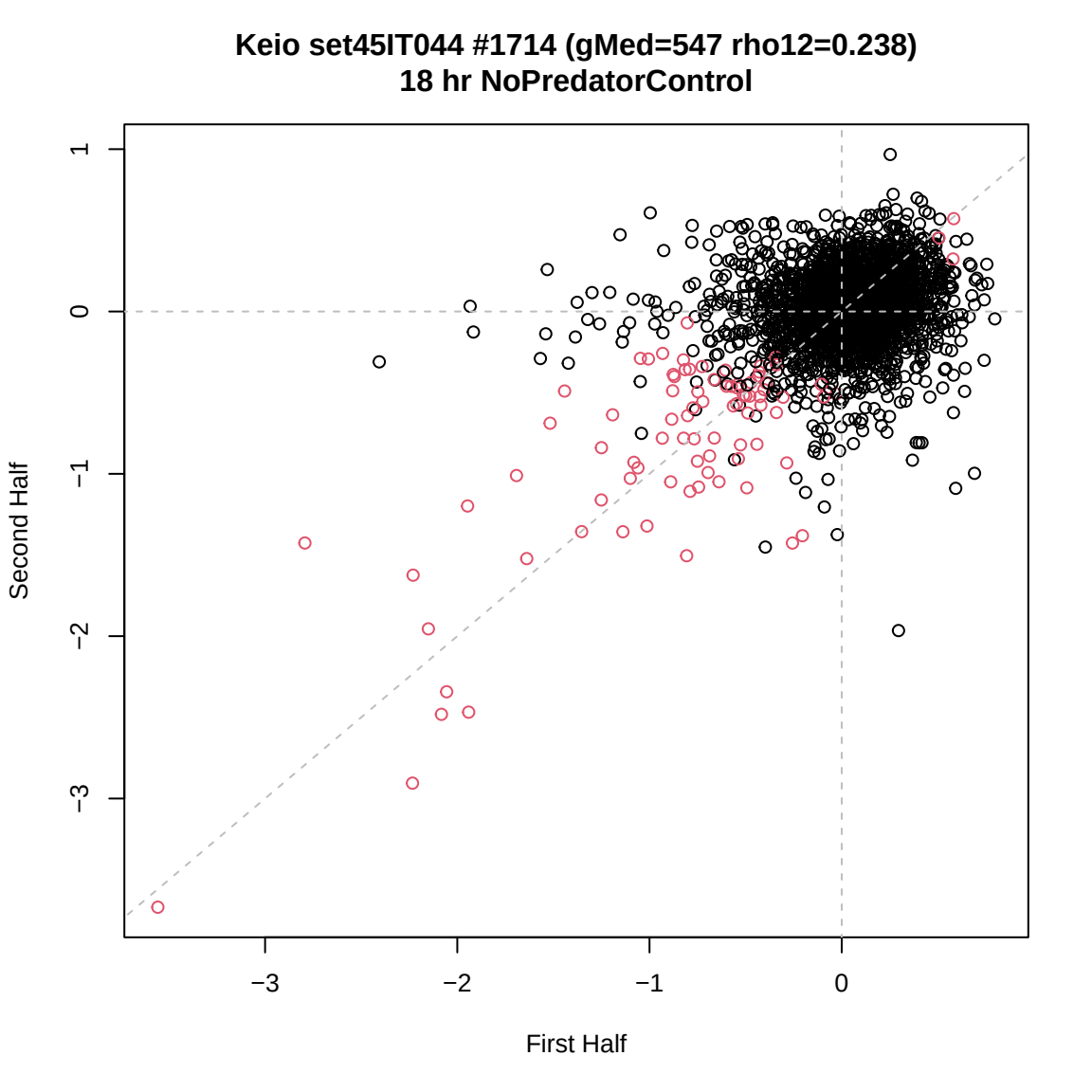

Keio set45IT039 #1709 (gMed=483 rho12=0.247)
3 hr rep1_HD100_100fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

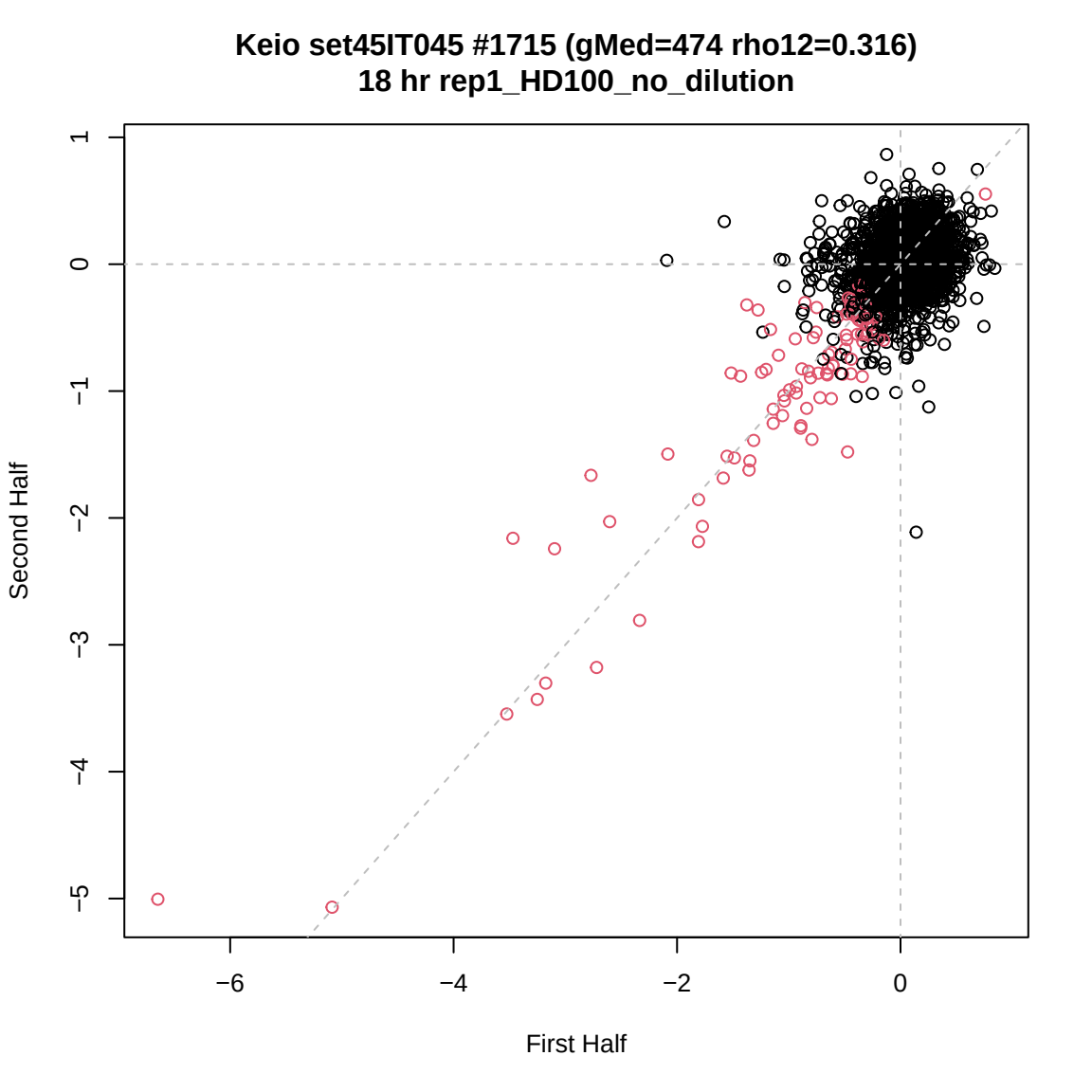

Keio set45IT040 #1710 (gMed=481 rho12=0.317)
3 hr NoPredatorControl
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

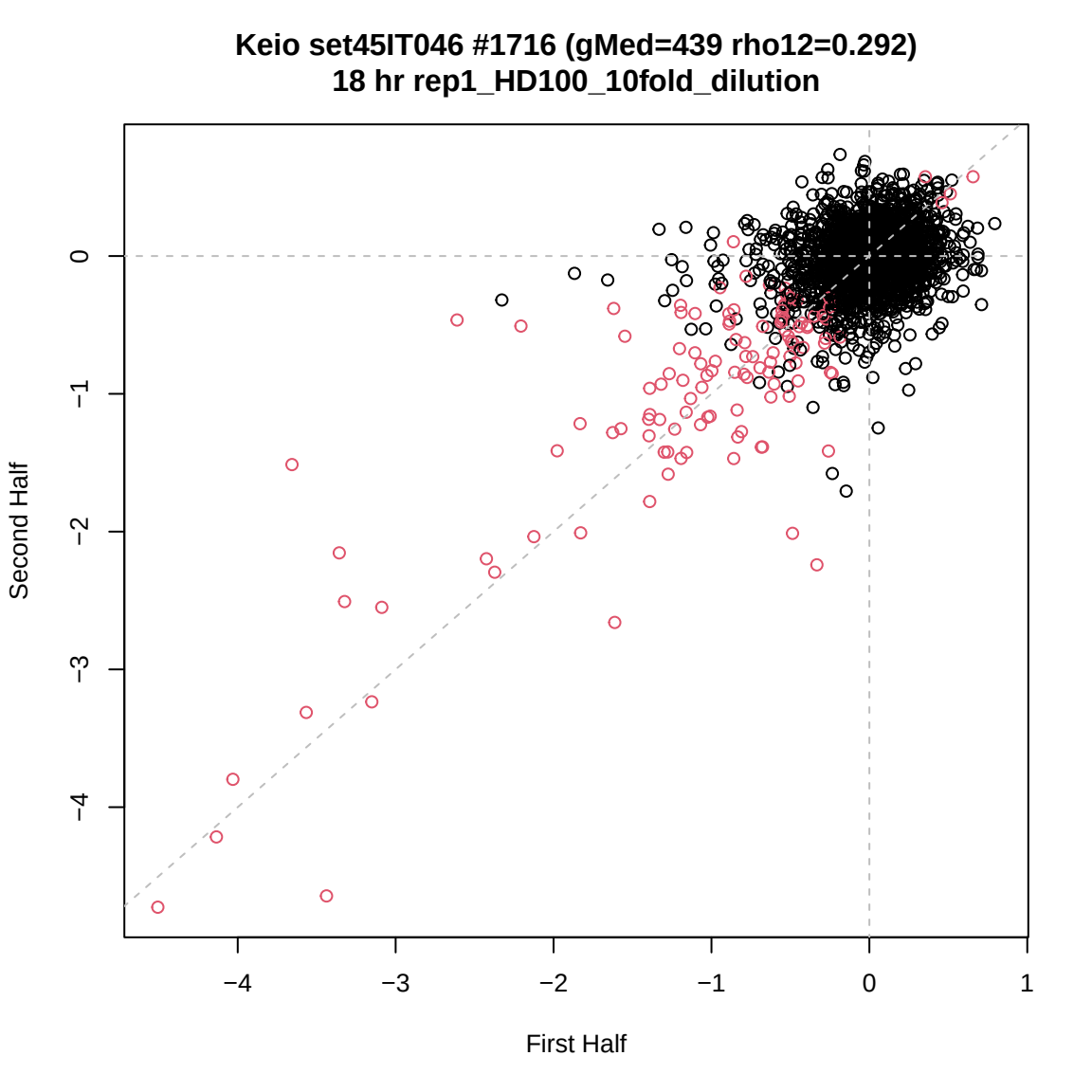

Keio set45IT041 #1711 (gMed=357 rho12=0.360)
3 hr rep1_Tiberius_no_dilution
Second Half
First Half
4
2
0
−2
−2
0
2
4

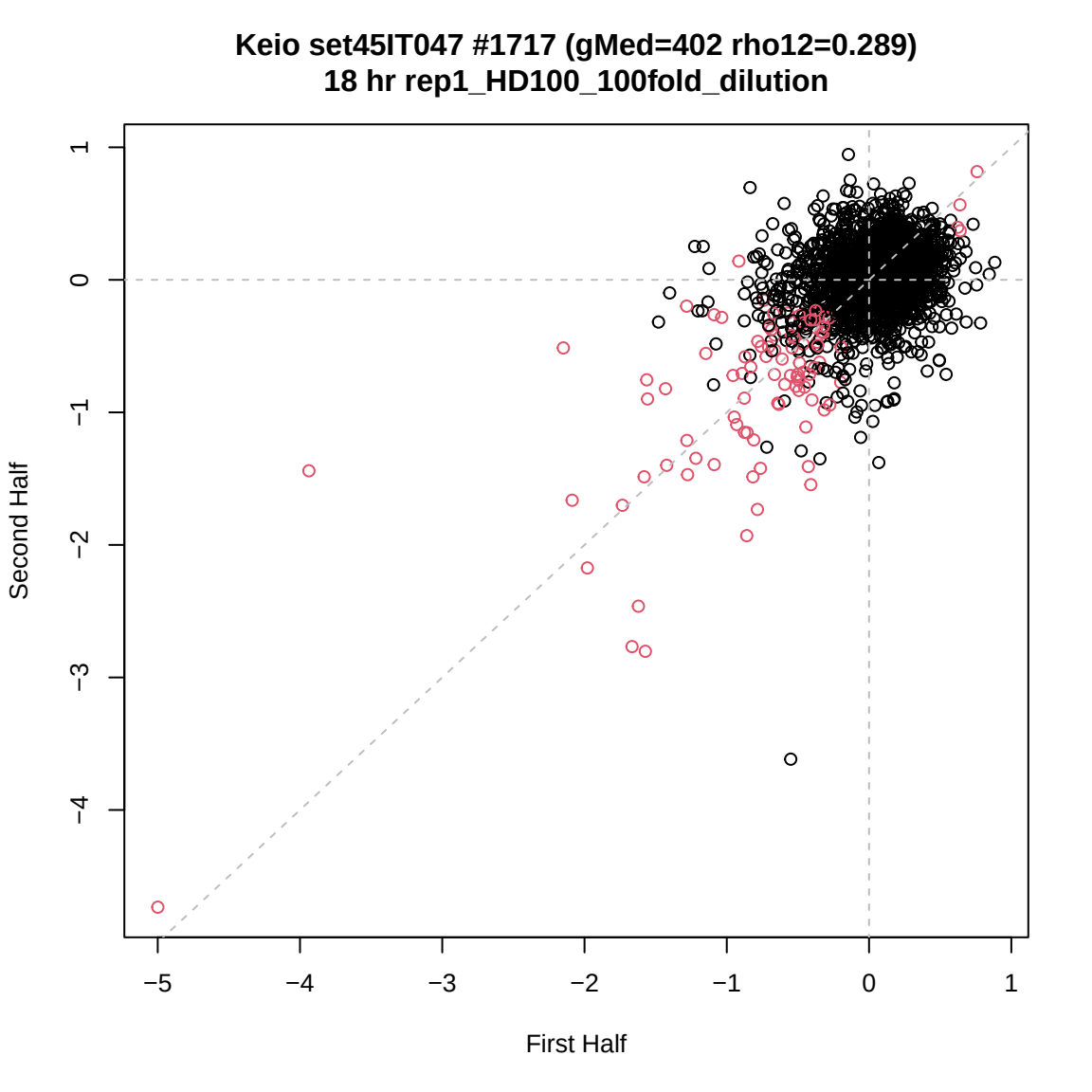

Keio set45IT042 #1712 (gMed=392 rho12=0.345)
3 hr rep1_Tiberius_10fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

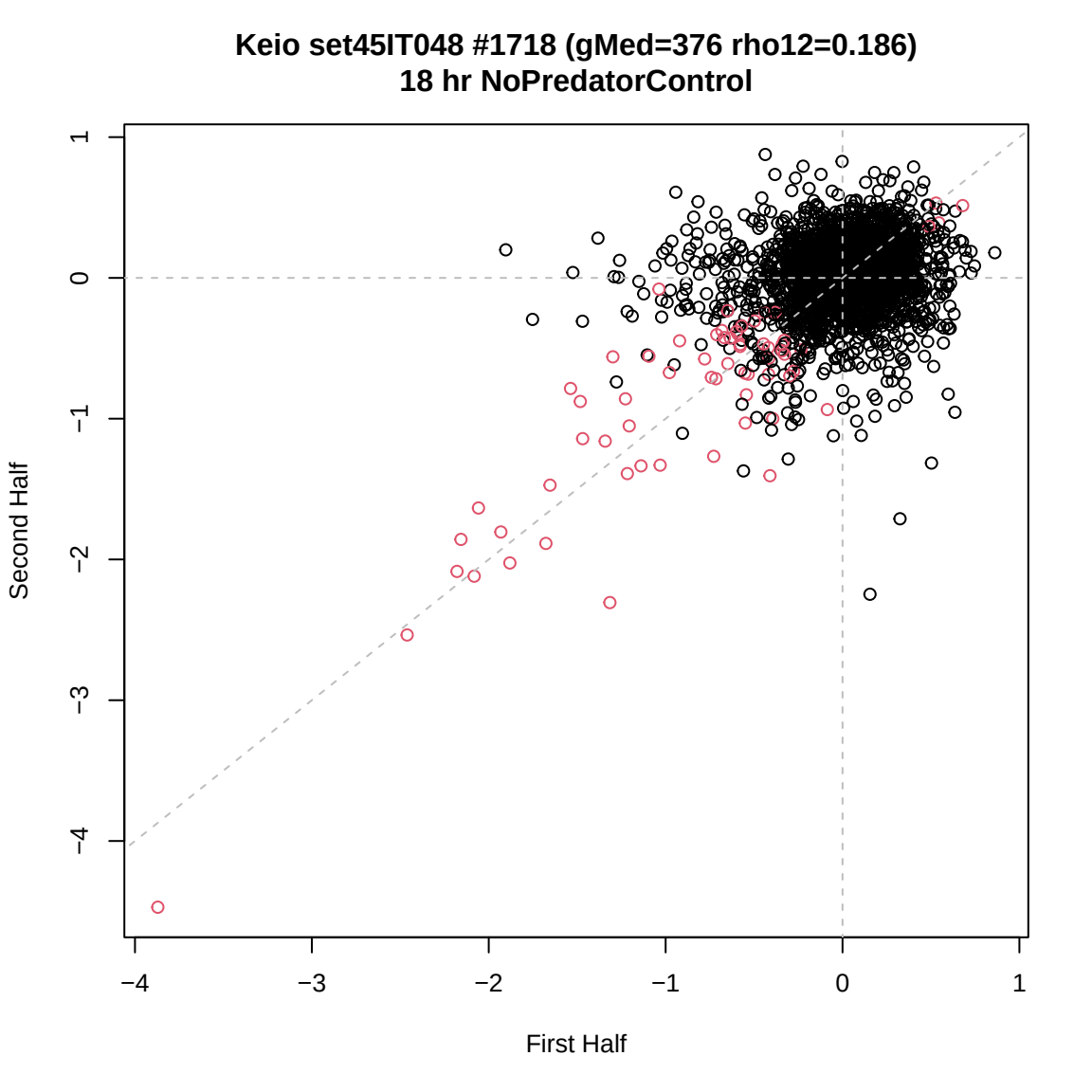

Keio set45IT043 #1713 (gMed=436 rho12=0.276)
3 hr rep1_Tiberius_100fold_dilution
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

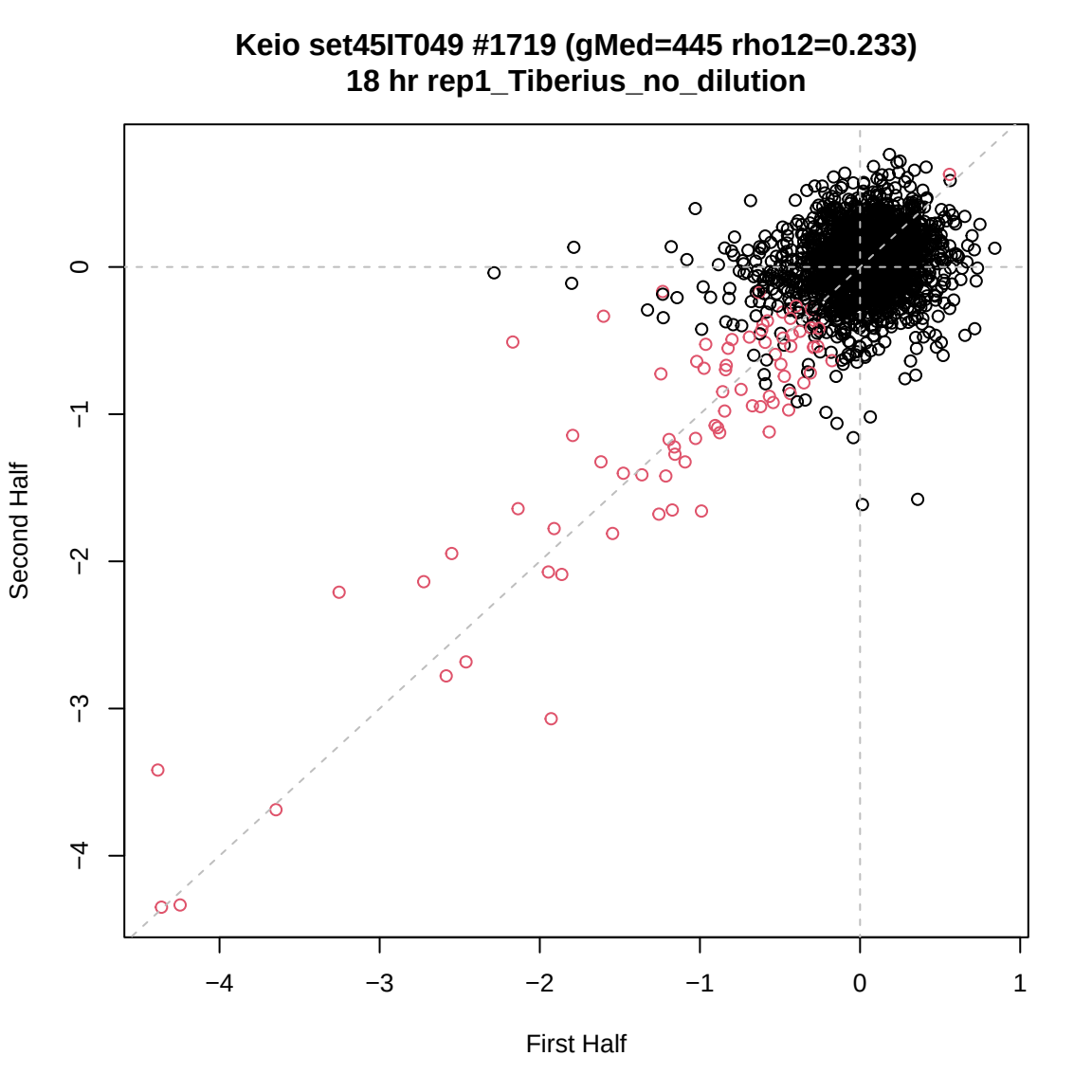

Keio set45IT044 #1714 (gMed=547 rho12=0.238)
18 hr NoPredatorControl
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0

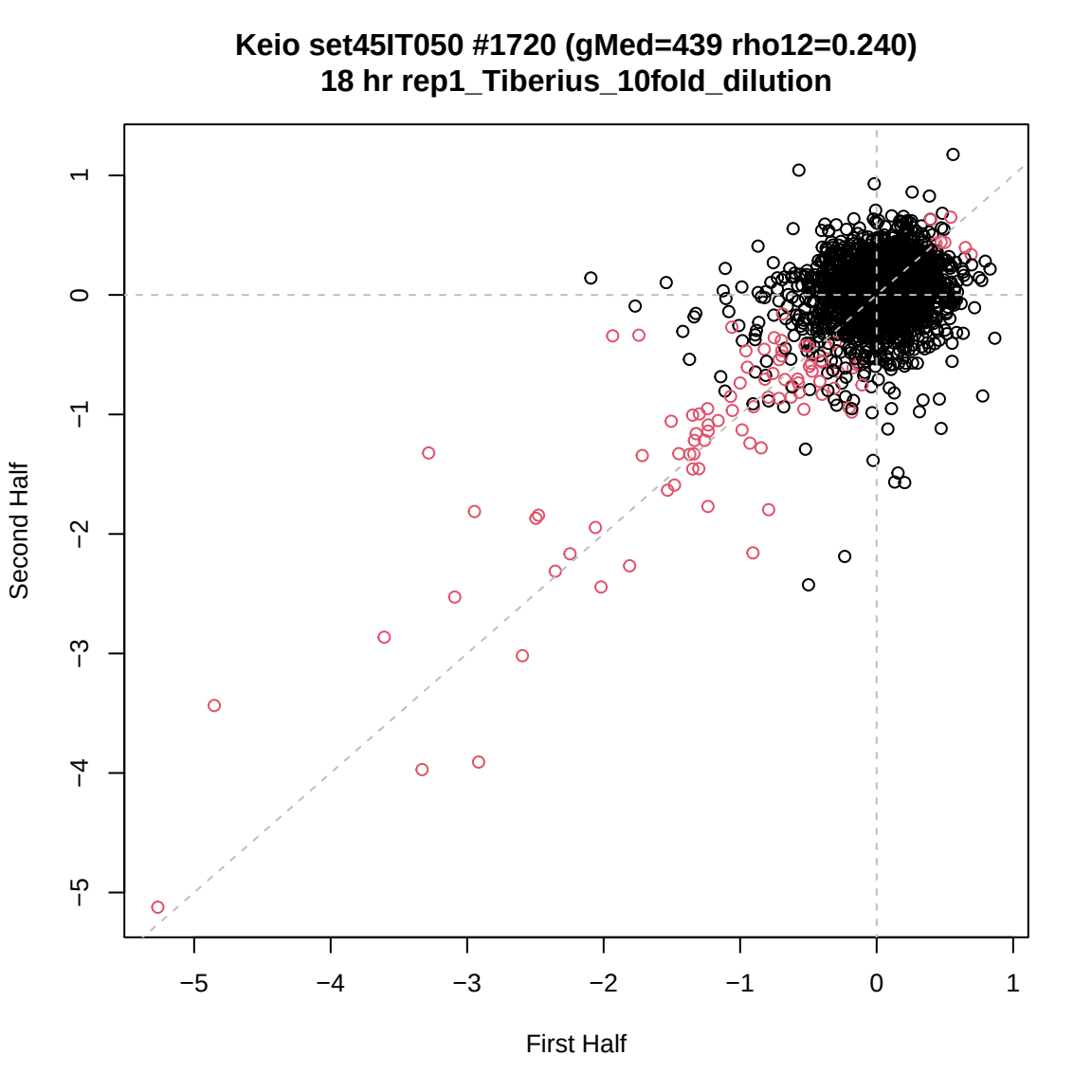

Keio set45IT045 #1715 (gMed=474 rho12=0.316)
18 hr rep1_HD100_no_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

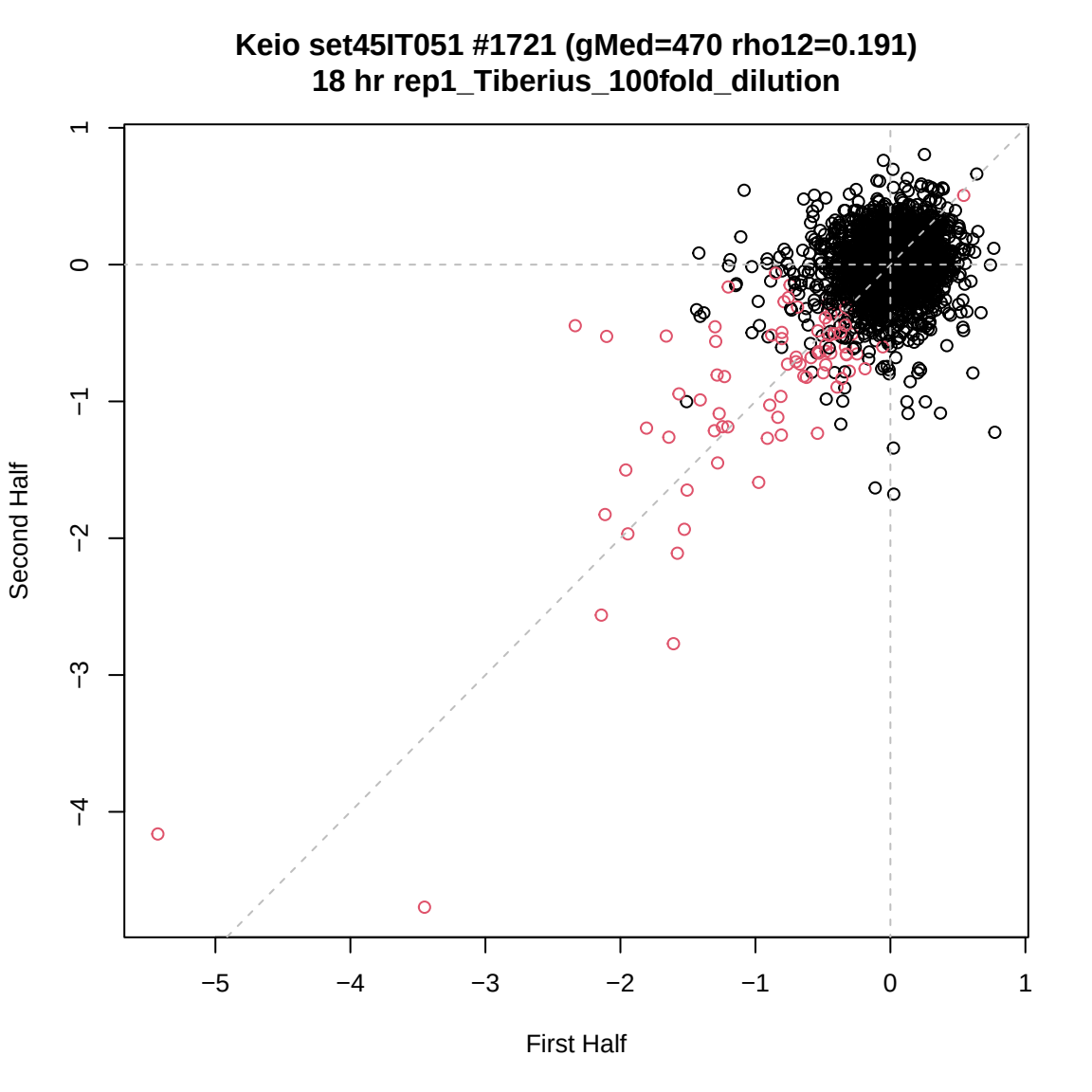

Keio set45IT046 #1716 (gMed=439 rho12=0.292)
18 hr rep1_HD100_10fold_dilution
Second Half
First Half
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

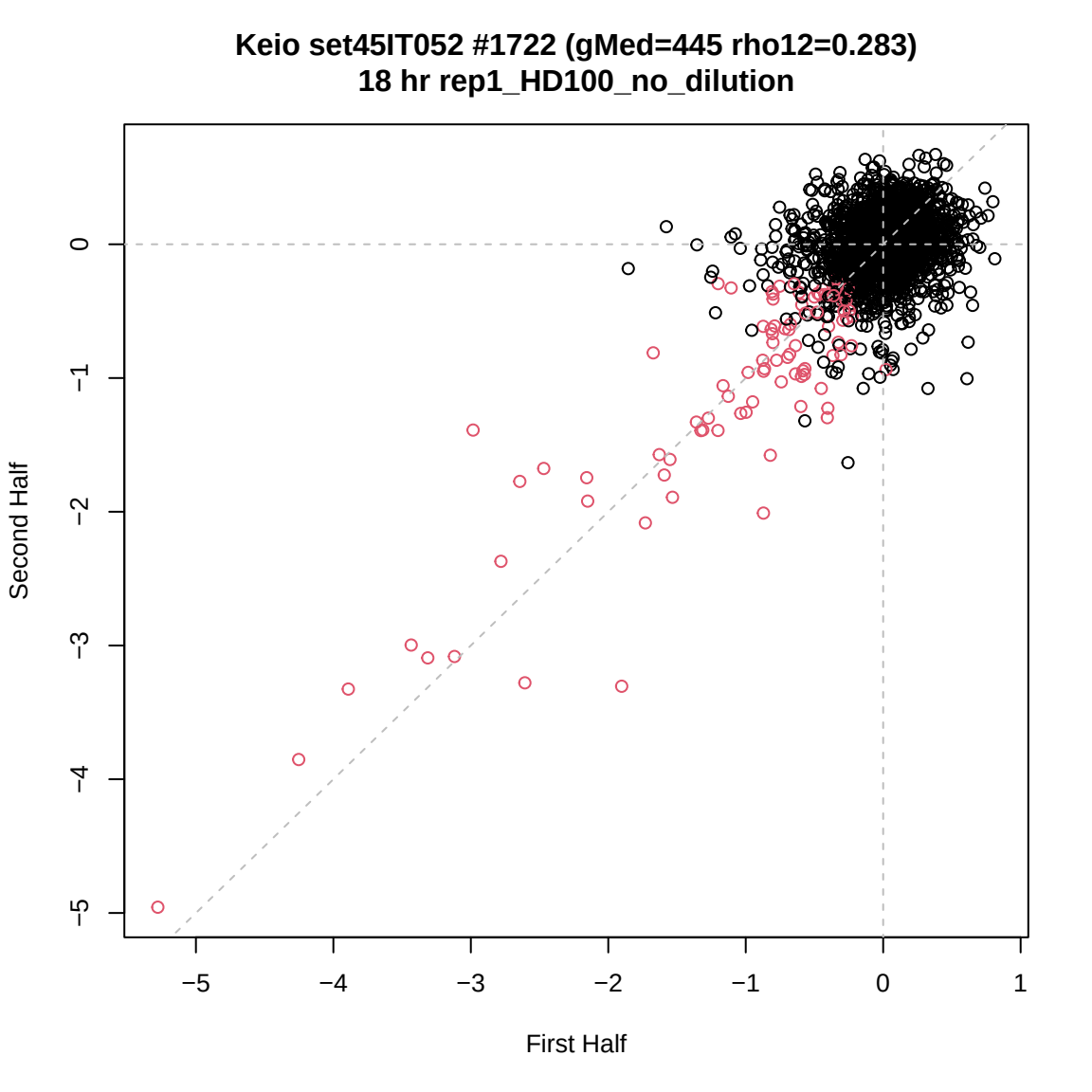

Keio set45IT047 #1717 (gMed=402 rho12=0.289)
18 hr rep1_HD100_100fold_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

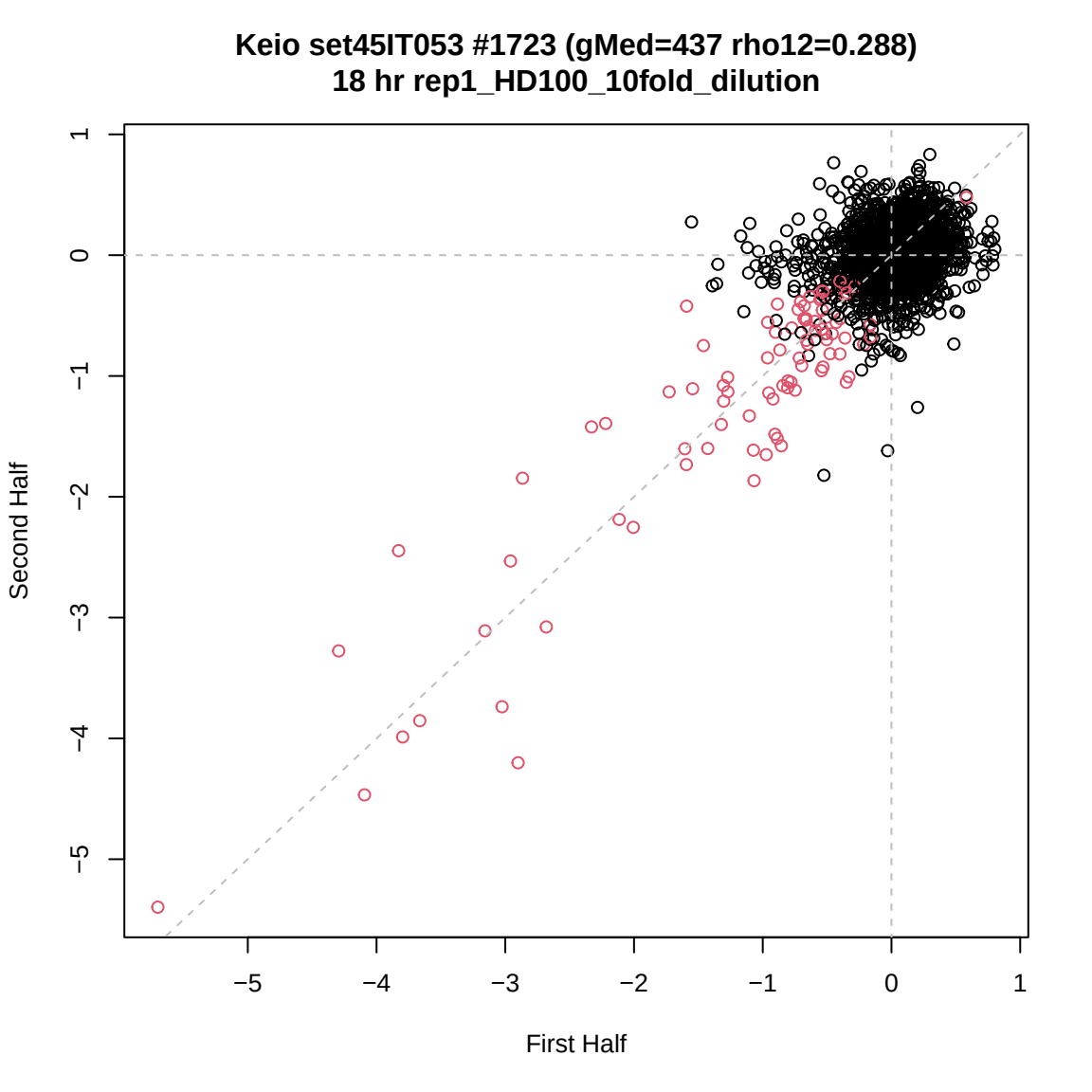

Keio set45IT048 #1718 (gMed=376 rho12=0.186)
18 hr NoPredatorControl
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

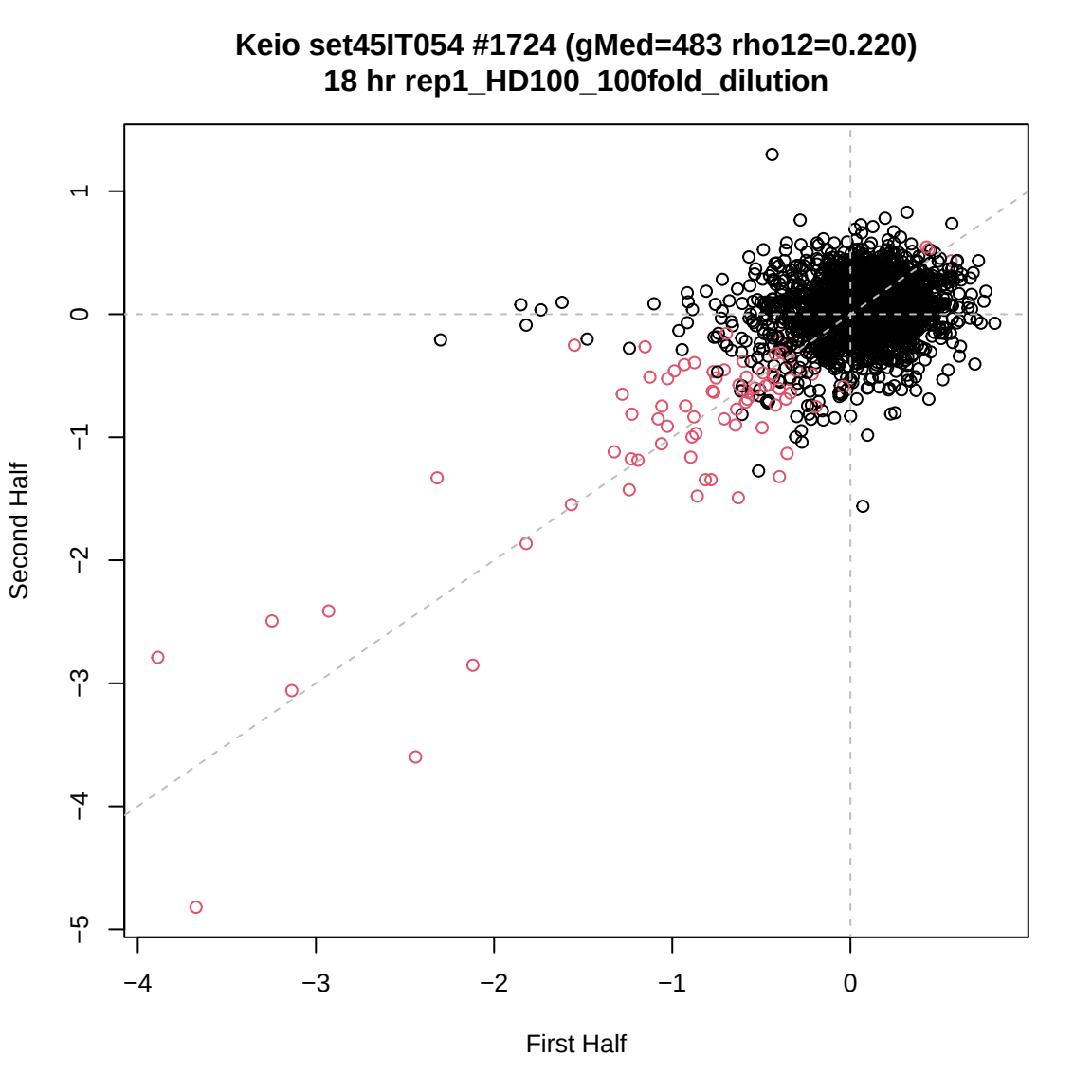

Keio set45IT049 #1719 (gMed=445 rho12=0.233)
18 hr rep1_Tiberius_no_dilution
Second Half
First Half
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

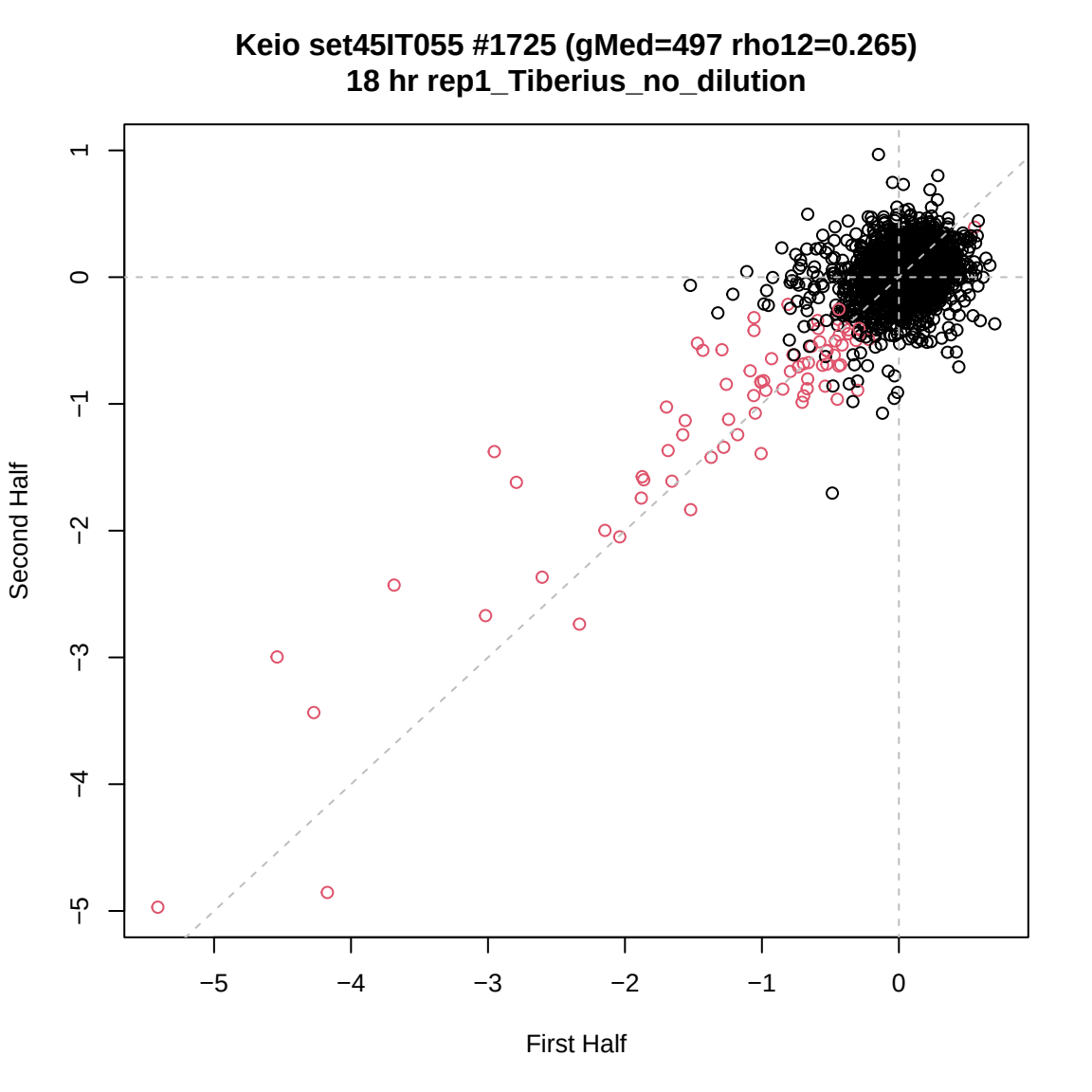

Keio set45IT050 #1720 (gMed=439 rho12=0.240)
18 hr rep1_Tiberius_10fold_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

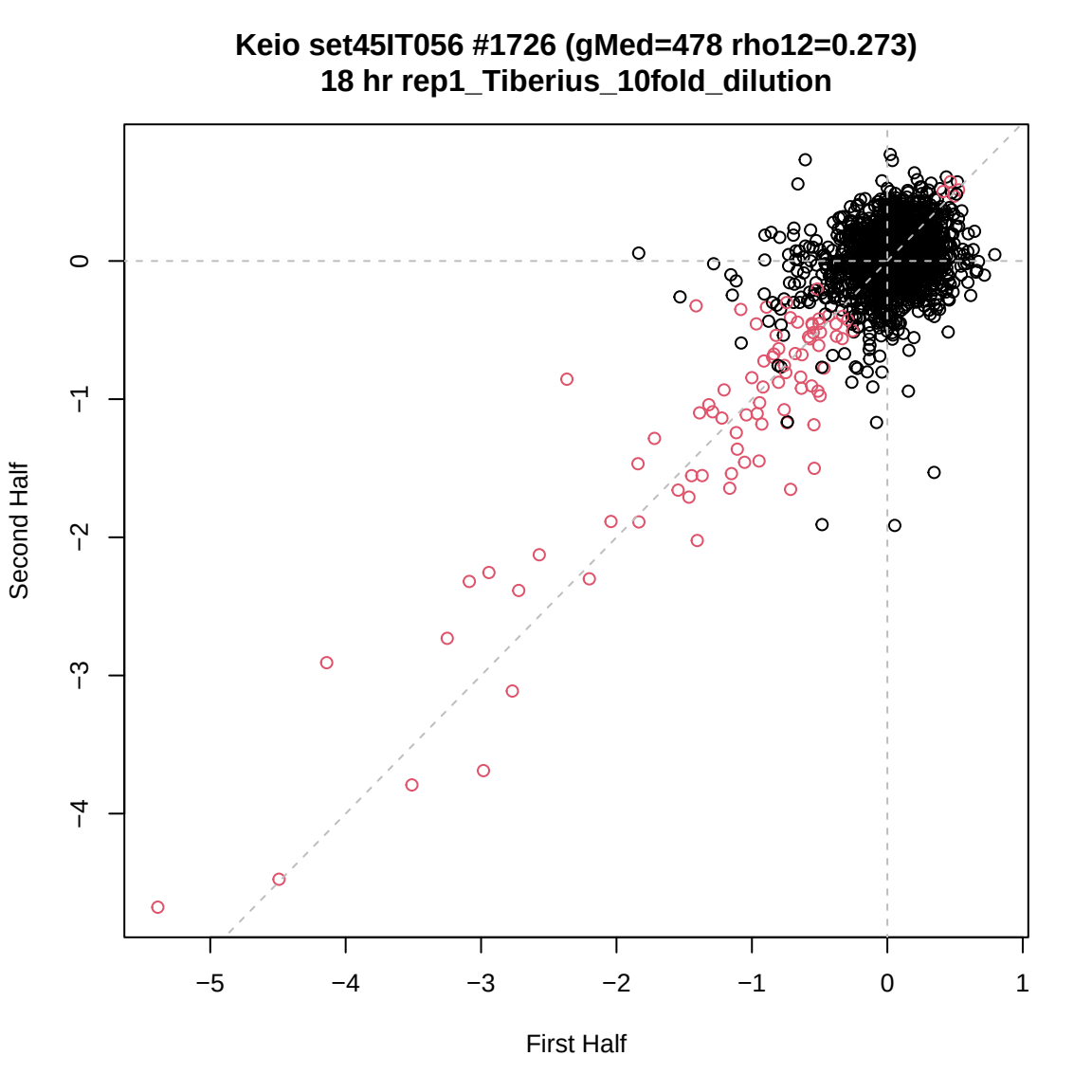

Keio set45IT051 #1721 (gMed=470 rho12=0.191)
18 hr rep1_Tiberius_100fold_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

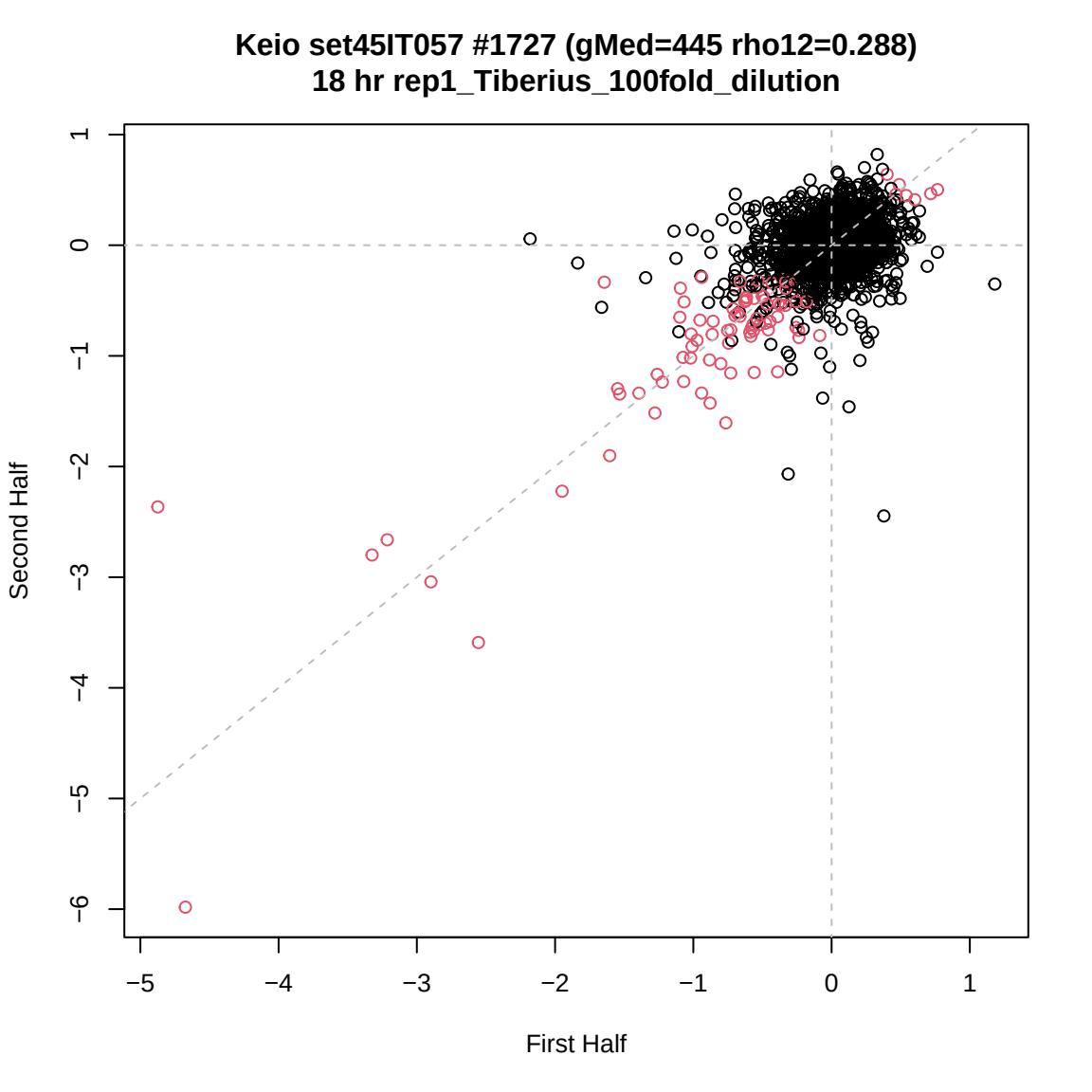

Keio set45IT052 #1722 (gMed=445 rho12=0.283)
18 hr rep1_HD100_no_dilution
Second Half
First Half
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

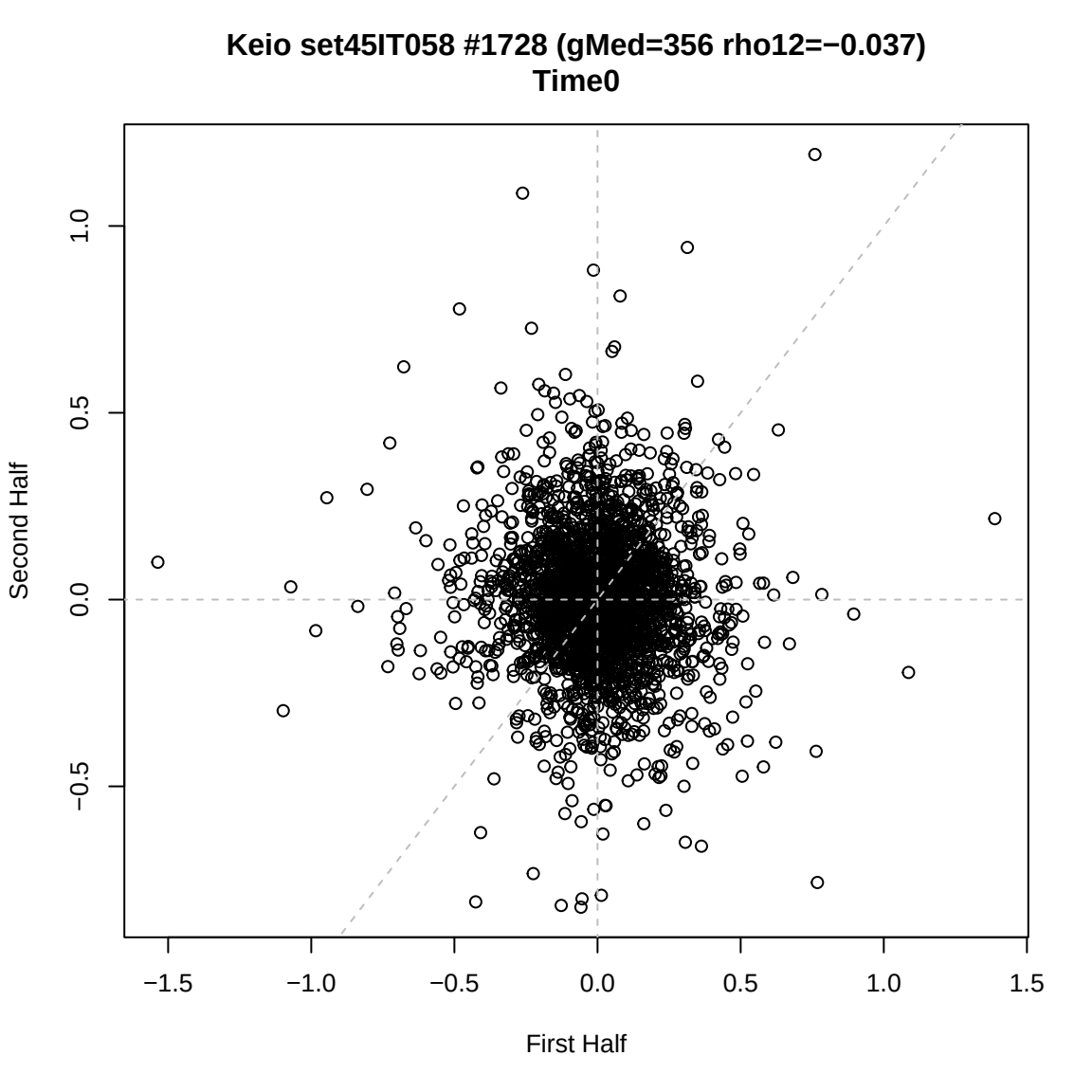

Keio set45IT053 #1723 (gMed=437 rho12=0.288)
18 hr rep1_HD100_10fold_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

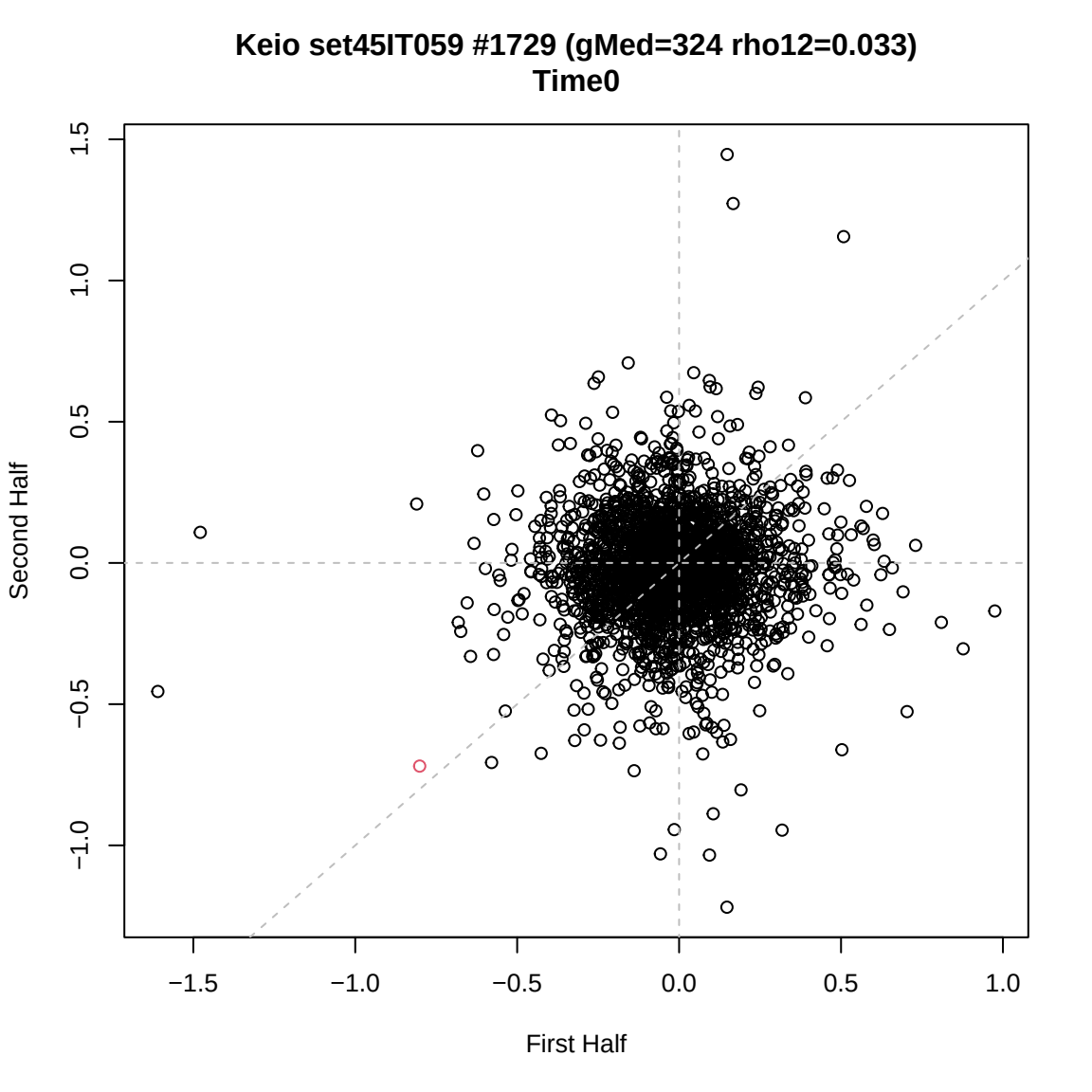

Keio set45IT054 #1724 (gMed=483 rho12=0.220)
18 hr rep1_HD100_100fold_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0

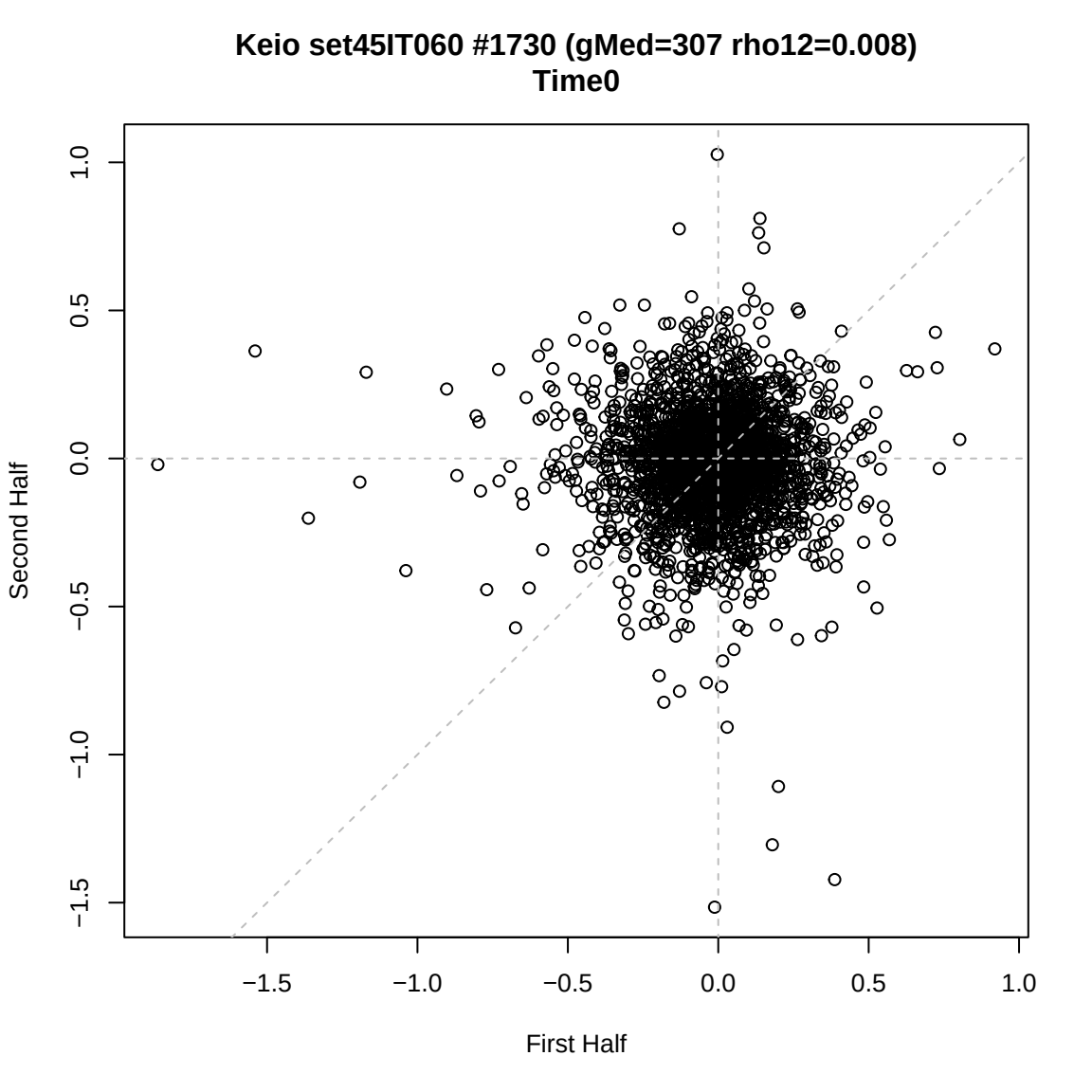

Keio set45IT055 #1725 (gMed=497 rho12=0.265)
18 hr rep1_Tiberius_no_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0

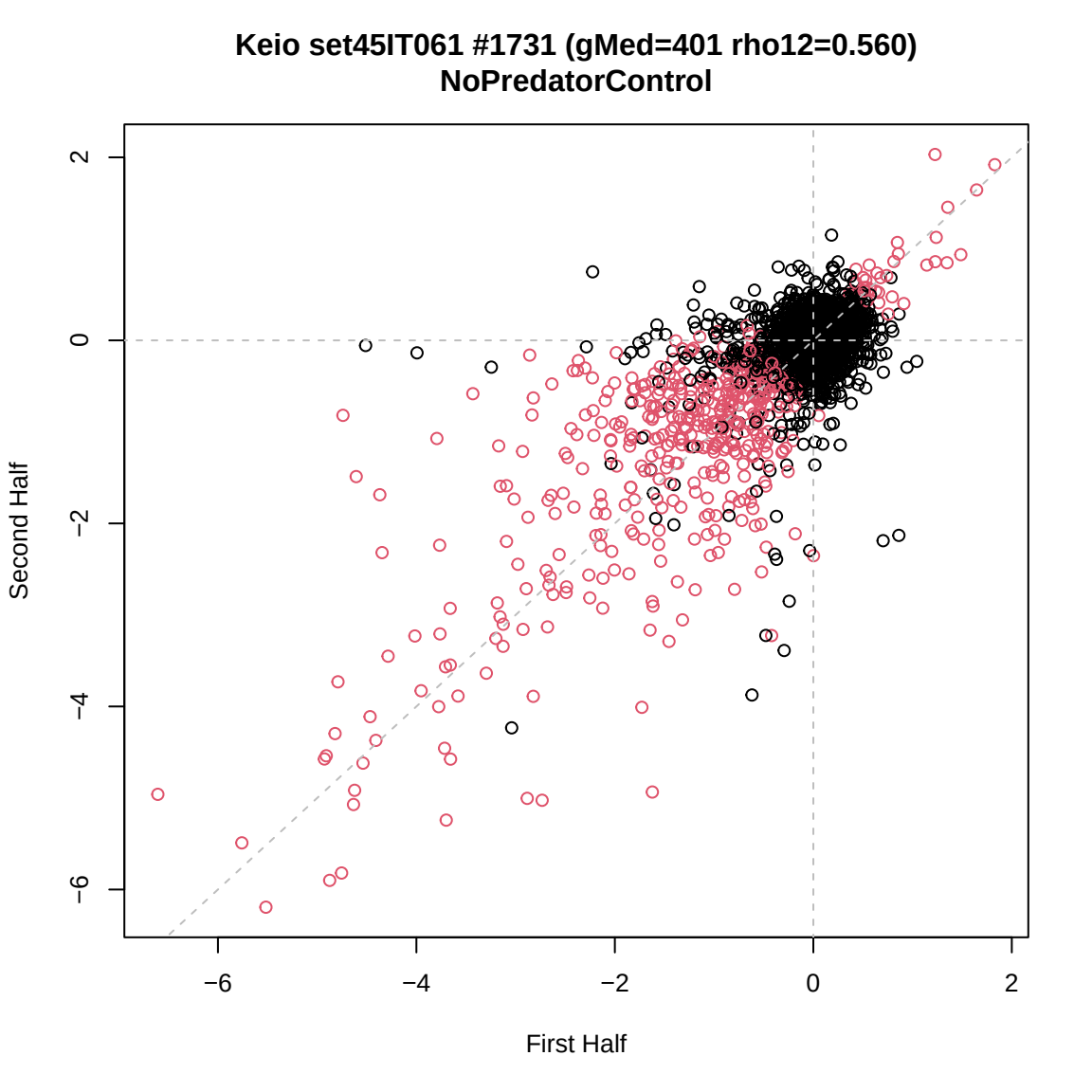

Keio set45IT056 #1726 (gMed=478 rho12=0.273)
18 hr rep1_Tiberius_10fold_dilution
Second Half
First Half
0
−1
−2
−3
−4
−5
1

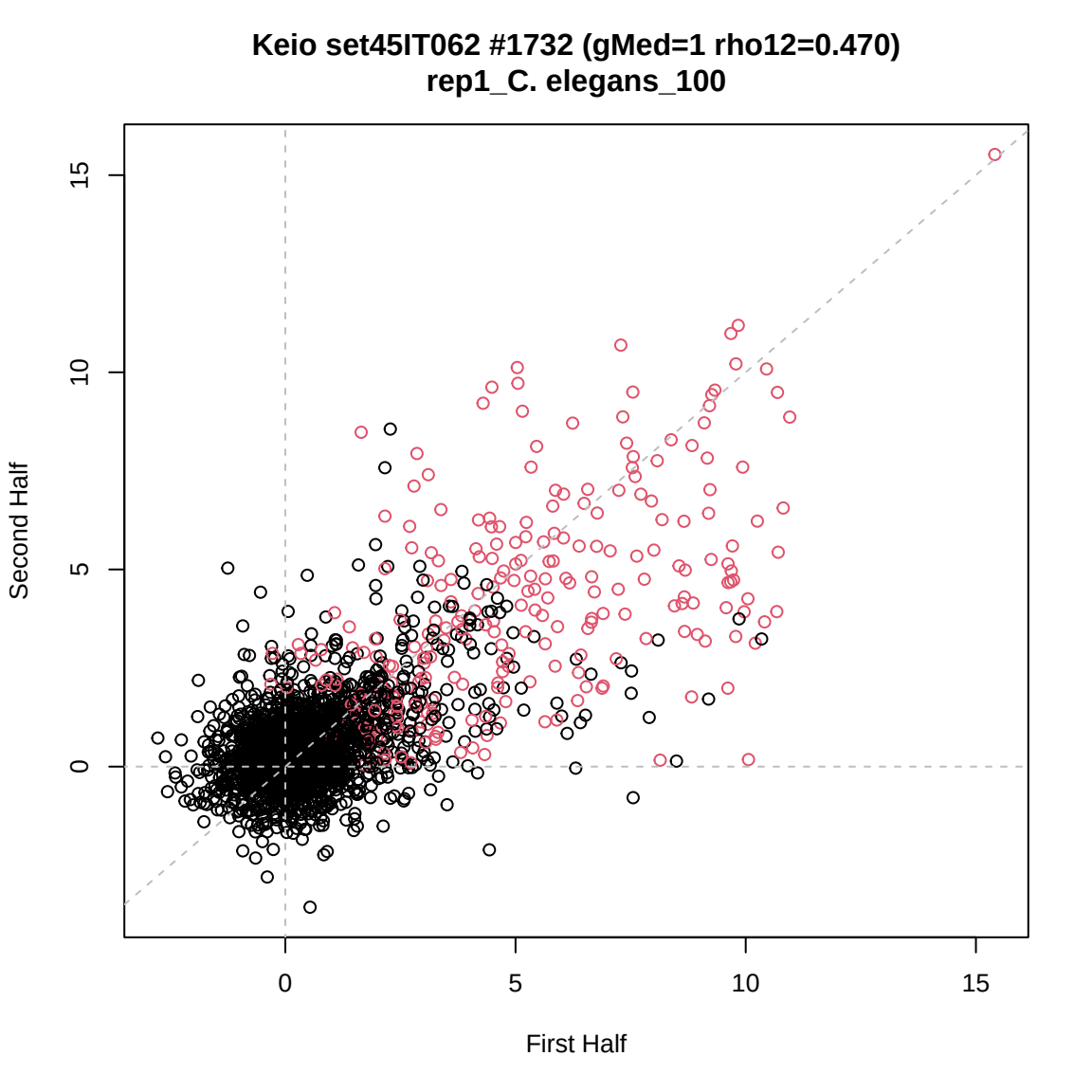

Keio set45IT057 #1727 (gMed=445 rho12=0.288)
18 hr rep1_Tiberius_100fold_dilution
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

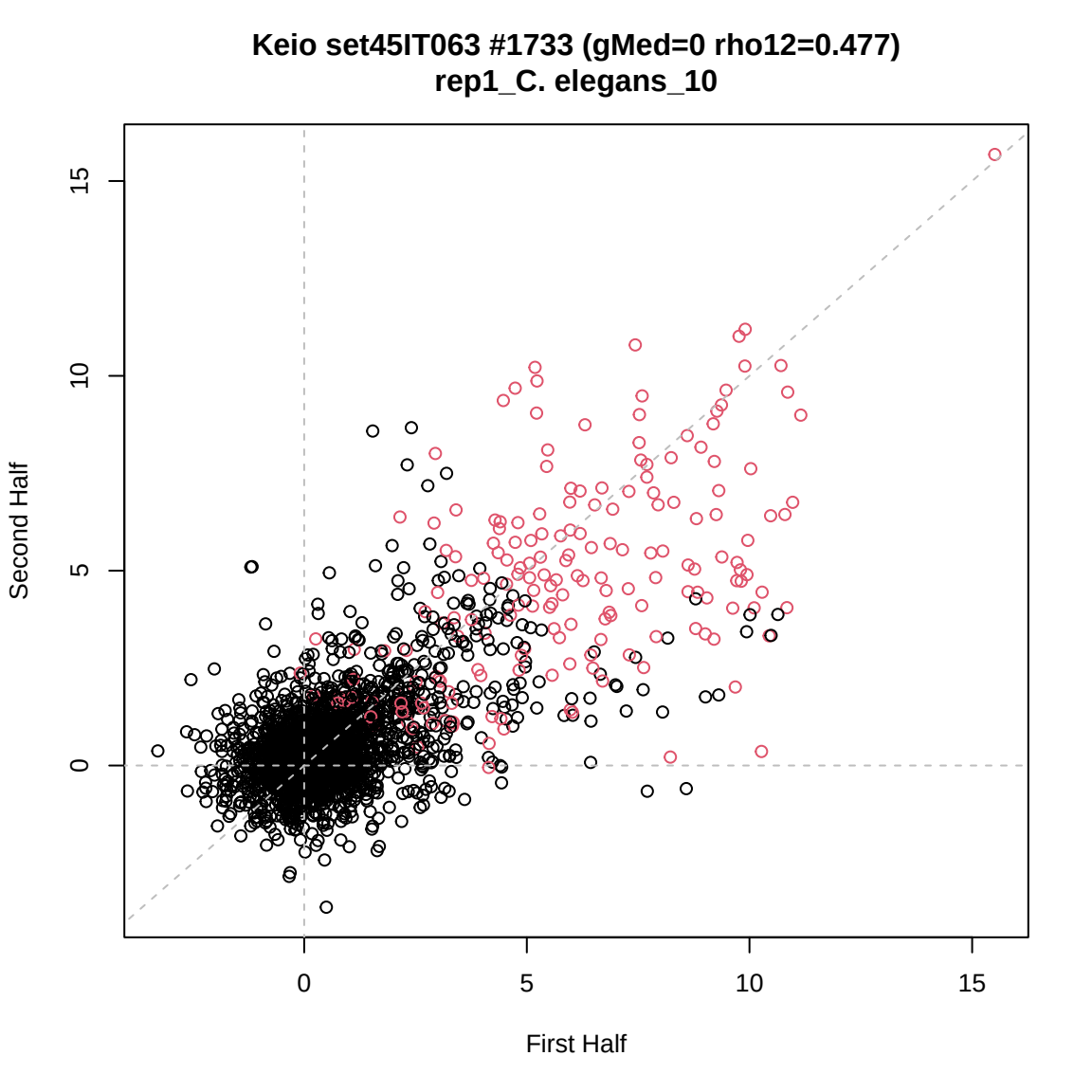

Keio set45IT058 #1728 (gMed=356 rho12=−0.037)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

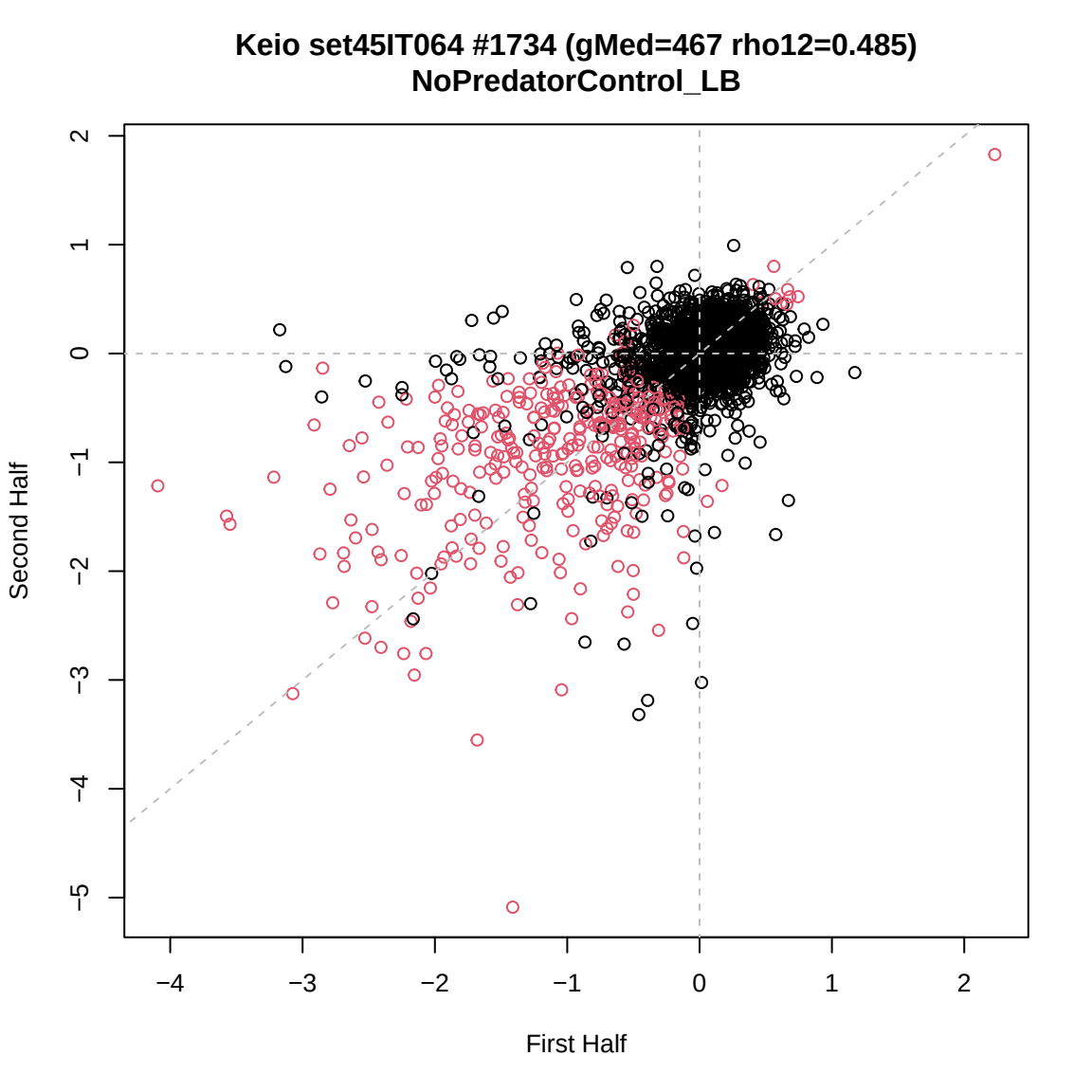

Keio set45IT059 #1729 (gMed=324 rho12=0.033)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

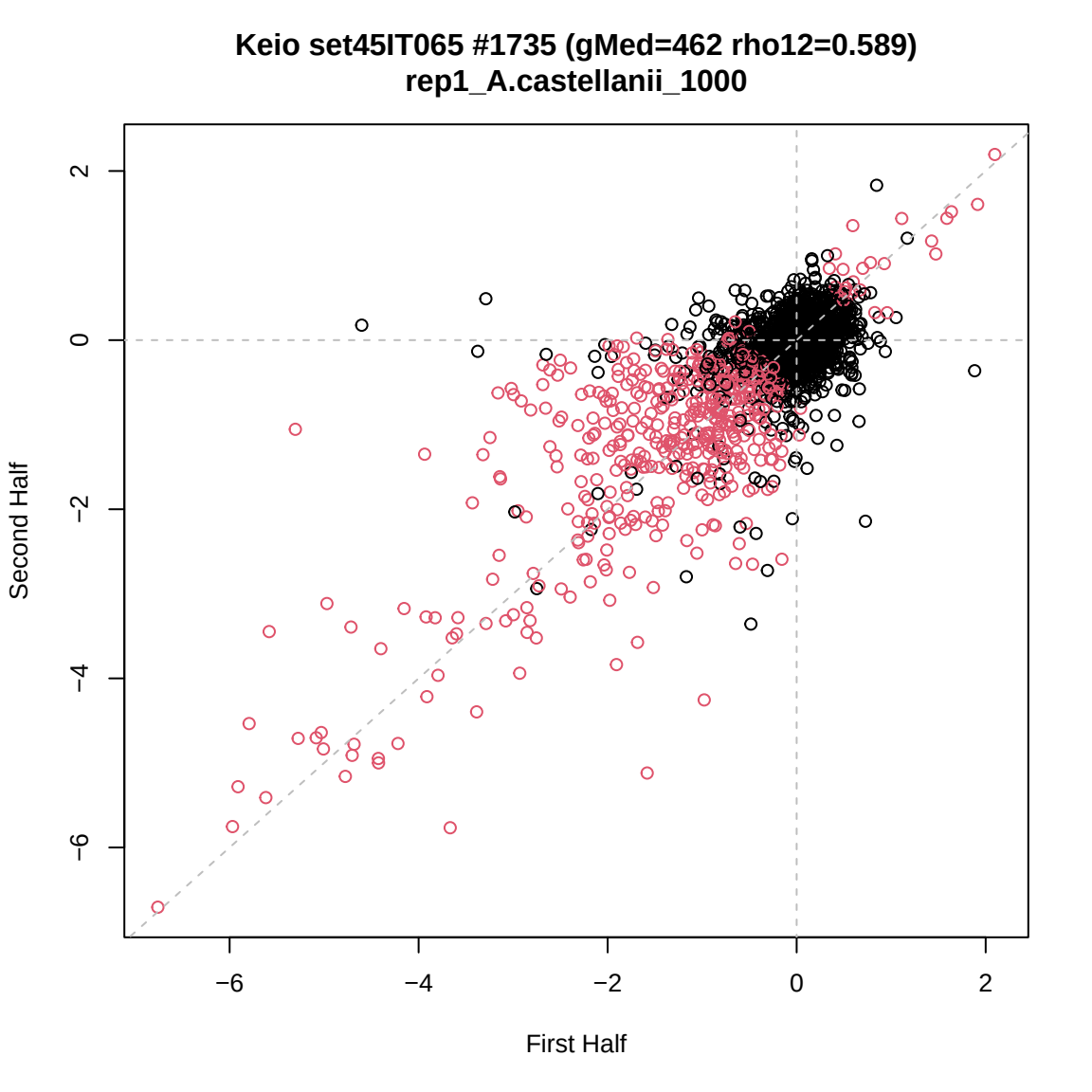

Keio set45IT060 #1730 (gMed=307 rho12=0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

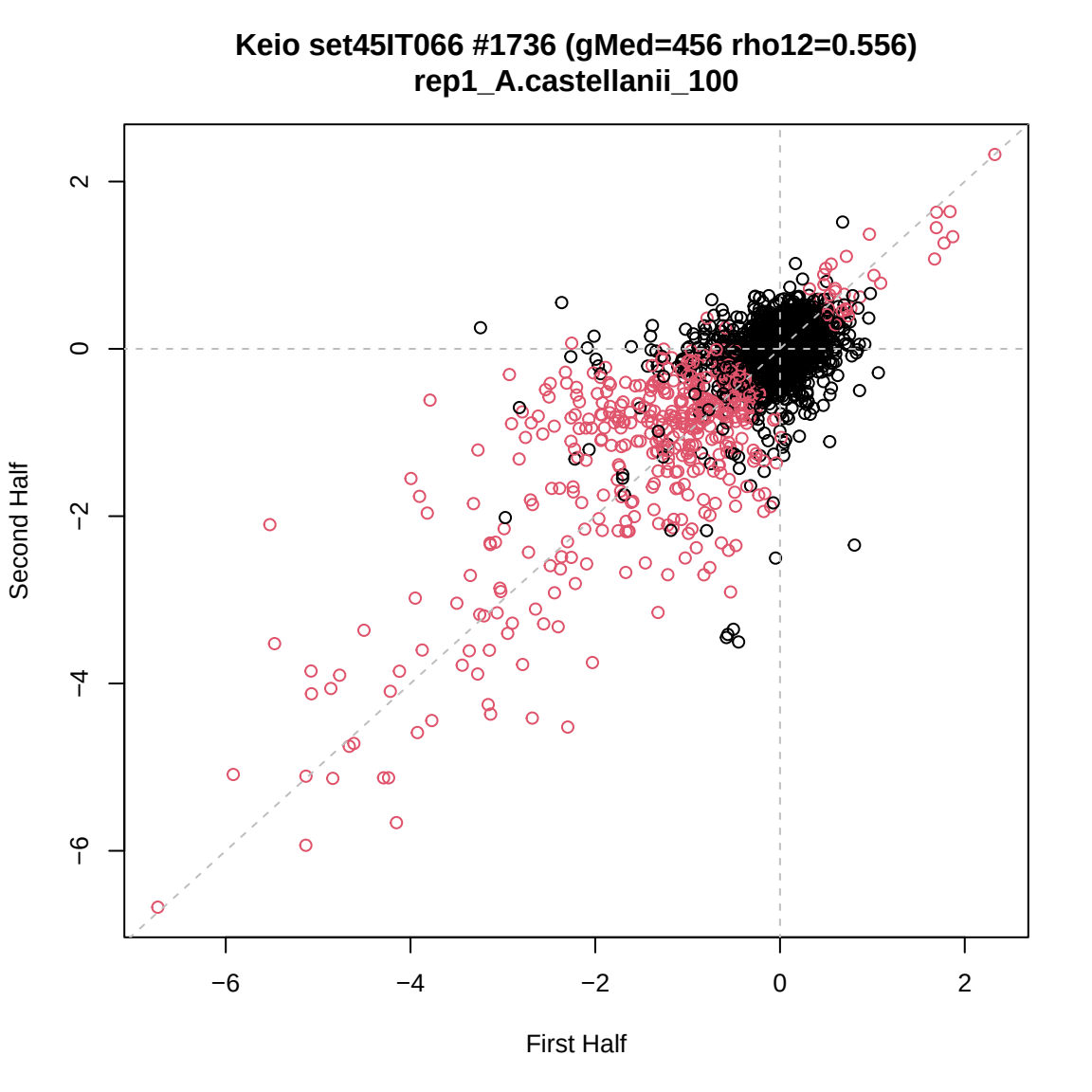

Keio set45IT061 #1731 (gMed=401 rho12=0.560)
NoPredatorControl
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

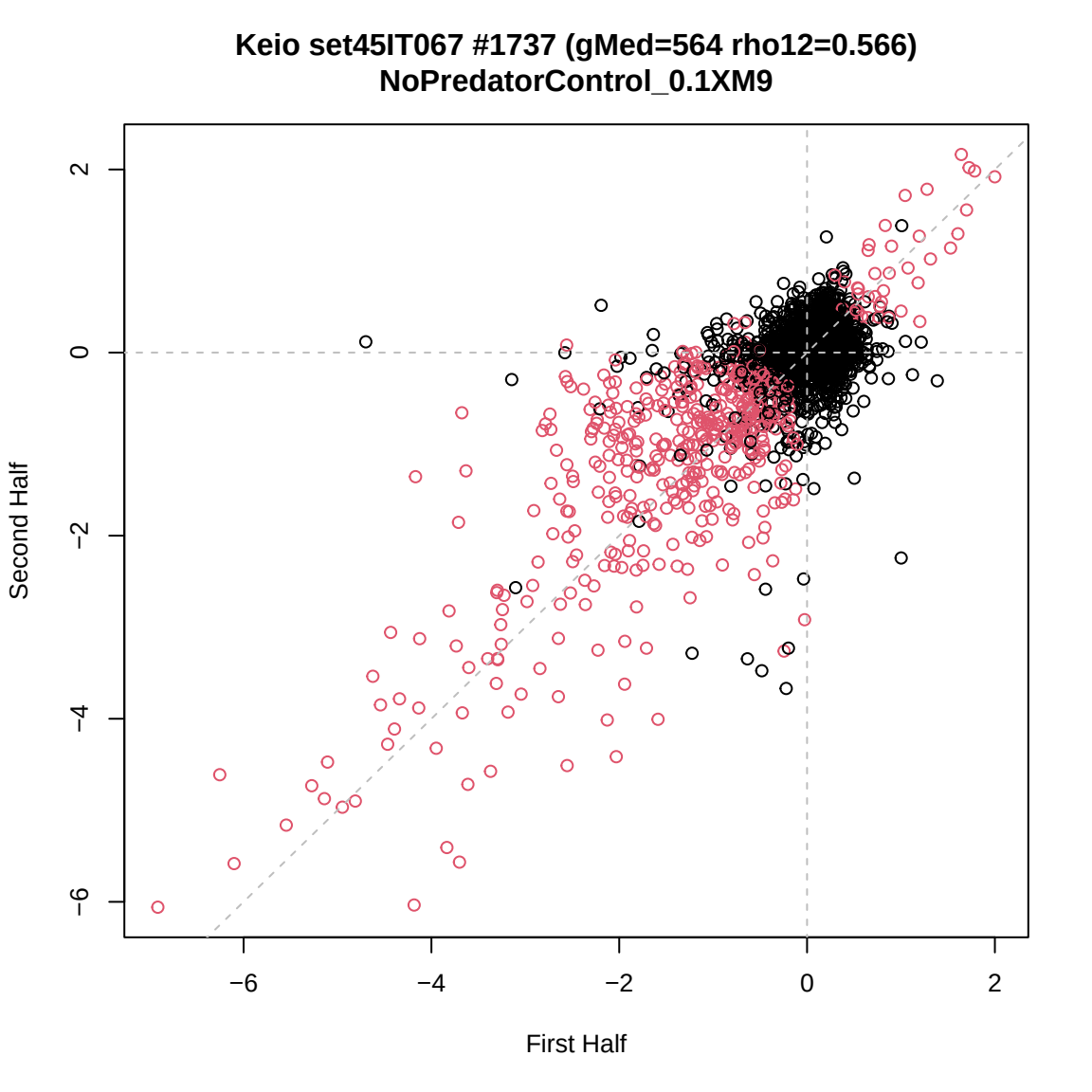

Keio set45IT062 #1732 (gMed=1 rho12=0.470)
rep1_C. elegans_100
Second Half
First Half
0
5
10
15

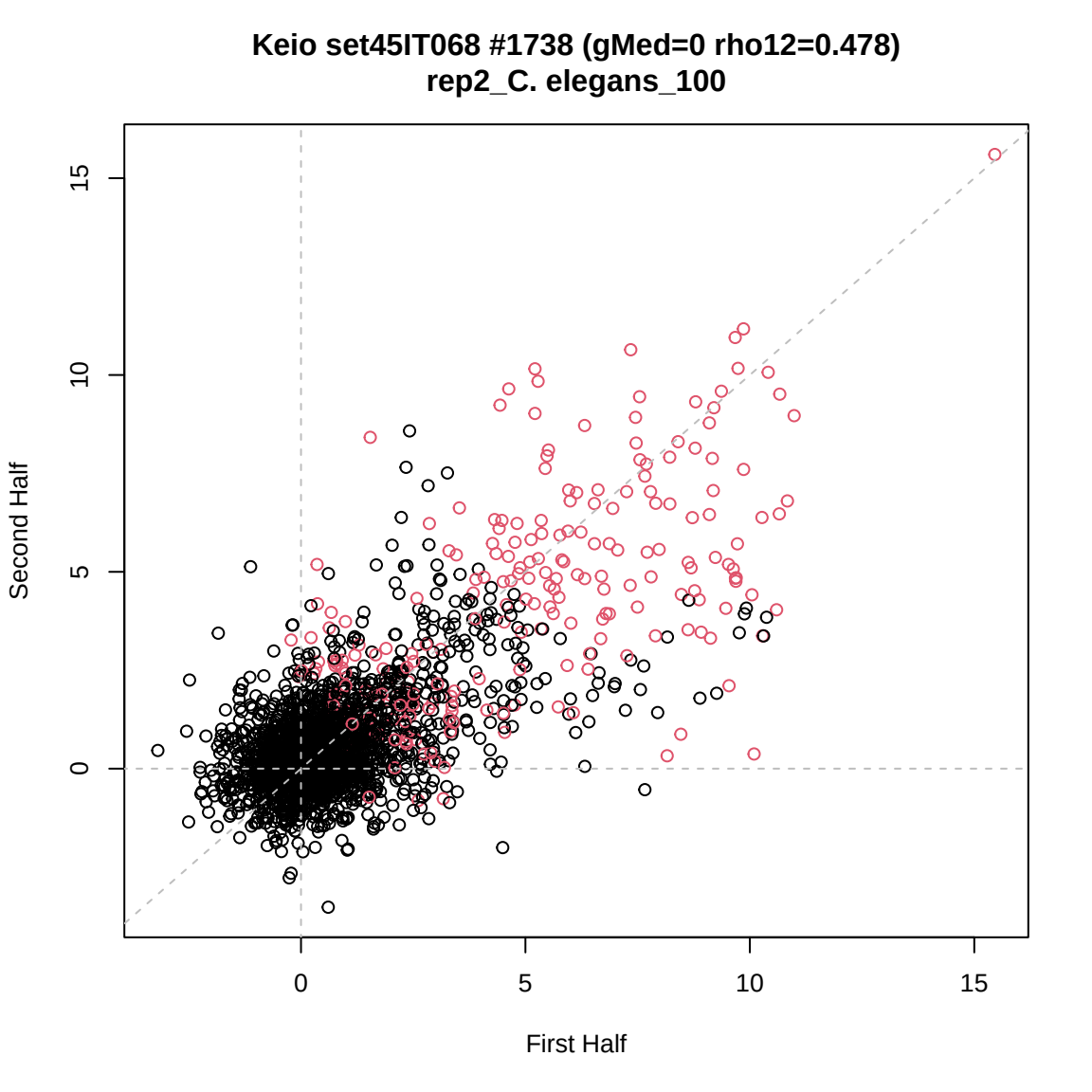

Keio set45IT063 #1733 (gMed=0 rho12=0.477)
rep1_C. elegans_10
Second Half
First Half
0
5
10
15

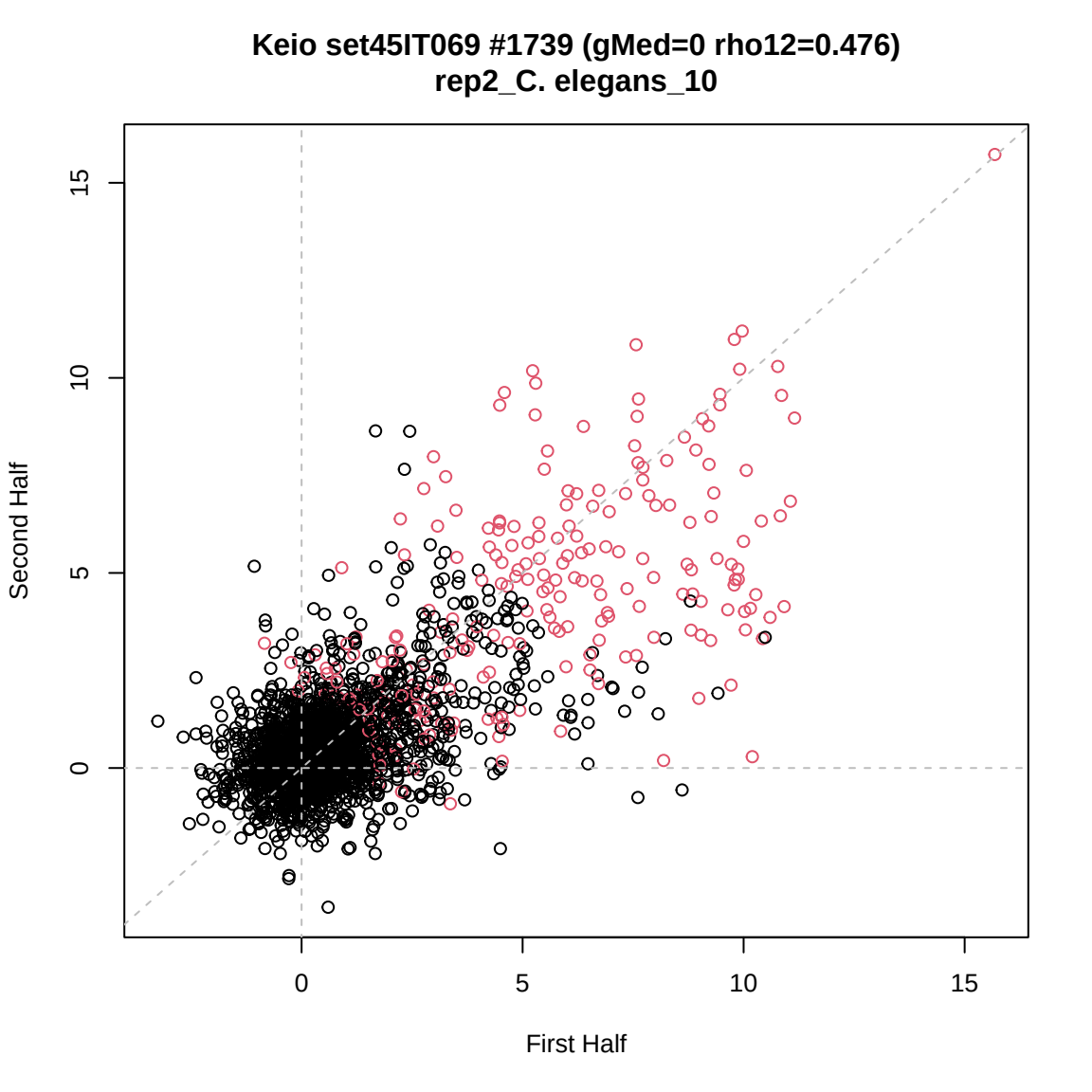

Keio set45IT064 #1734 (gMed=467 rho12=0.485)
NoPredatorControl_LB
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

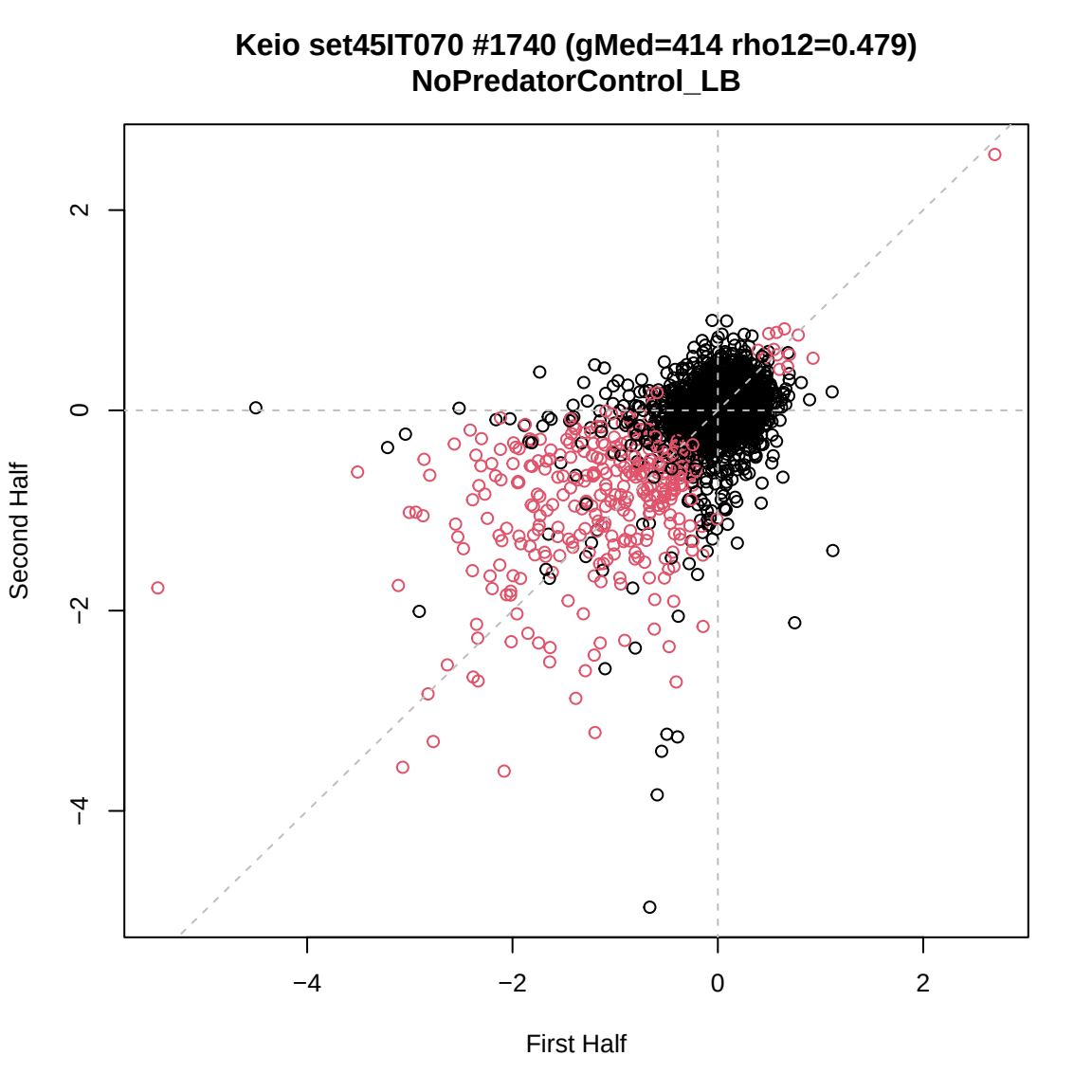

Keio set45IT065 #1735 (gMed=462 rho12=0.589)
rep1_A.castellanii_1000
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

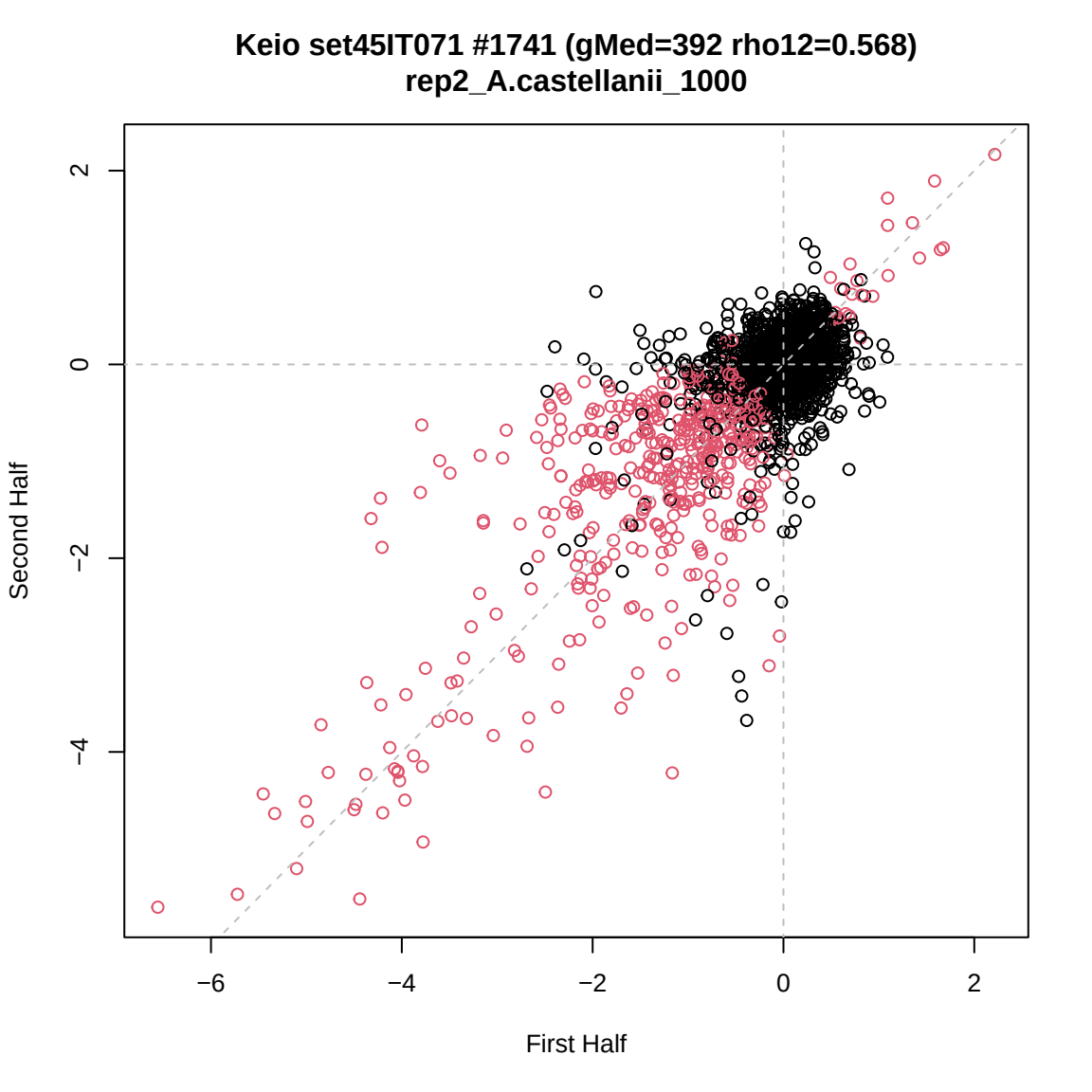

Keio set45IT066 #1736 (gMed=456 rho12=0.556)
rep1_A.castellanii_100
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

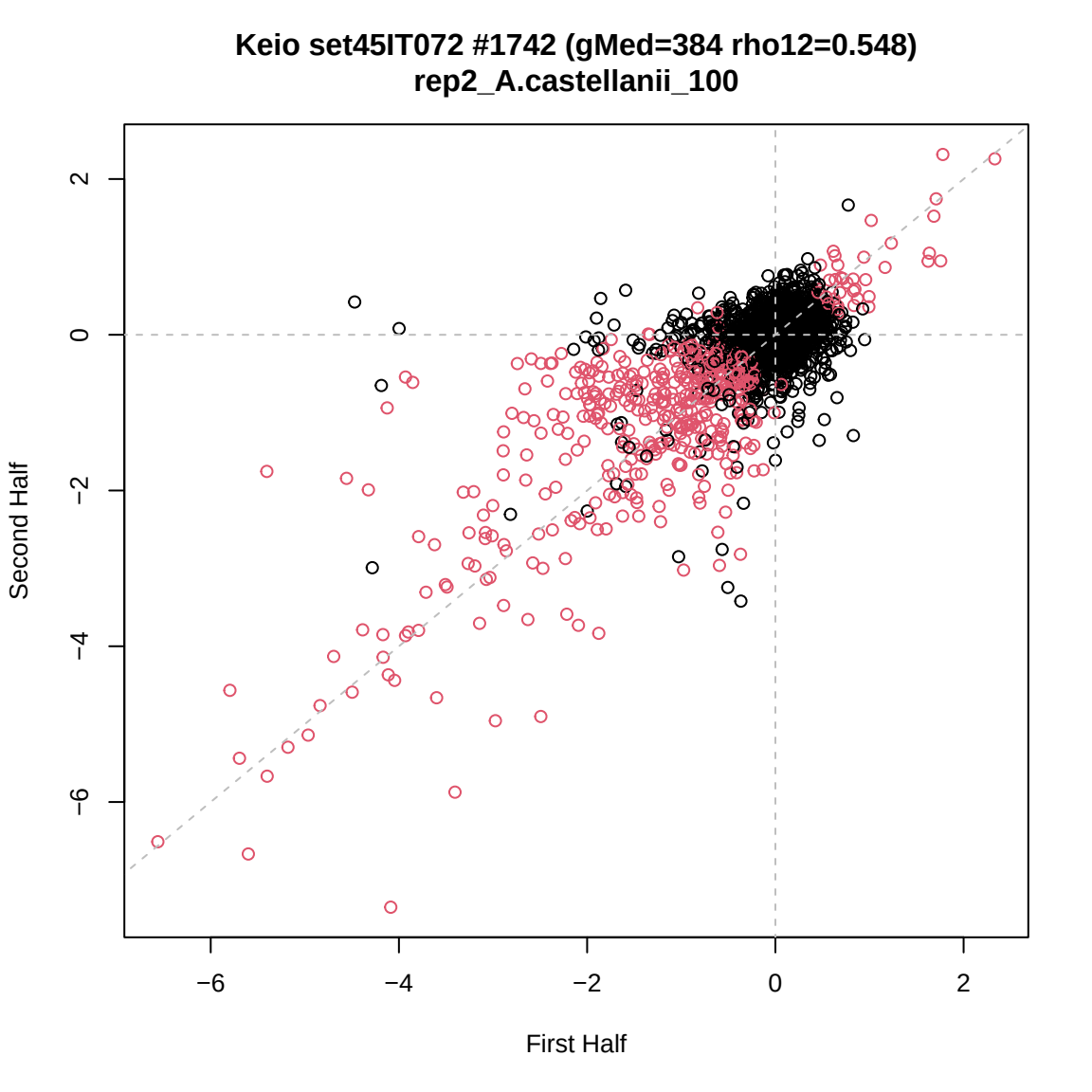

Keio set45IT067 #1737 (gMed=564 rho12=0.566)
NoPredatorControl_0.1XM9
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

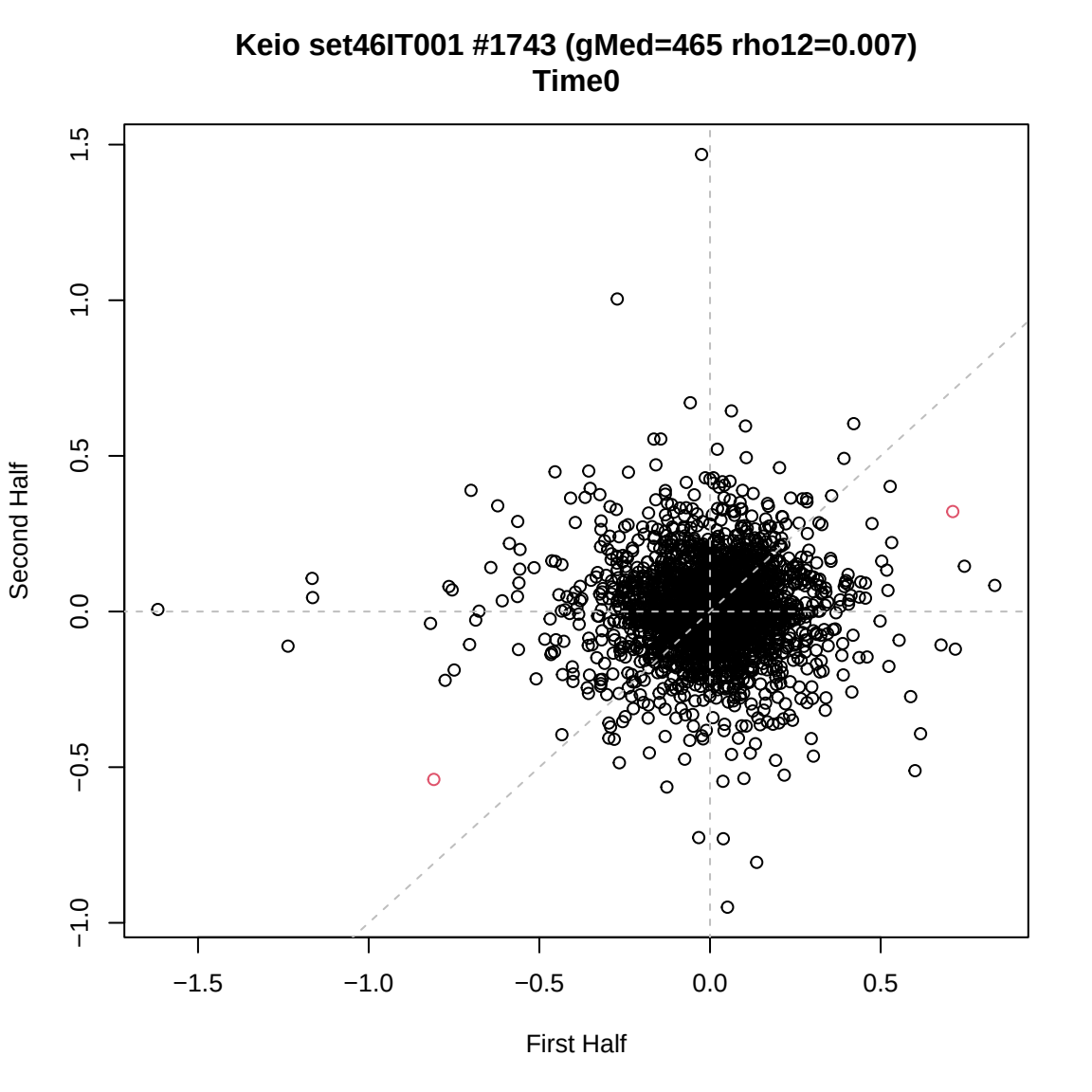

Keio set45IT068 #1738 (gMed=0 rho12=0.478)
rep2_C. elegans_100
Second Half
First Half
0
5
10
15

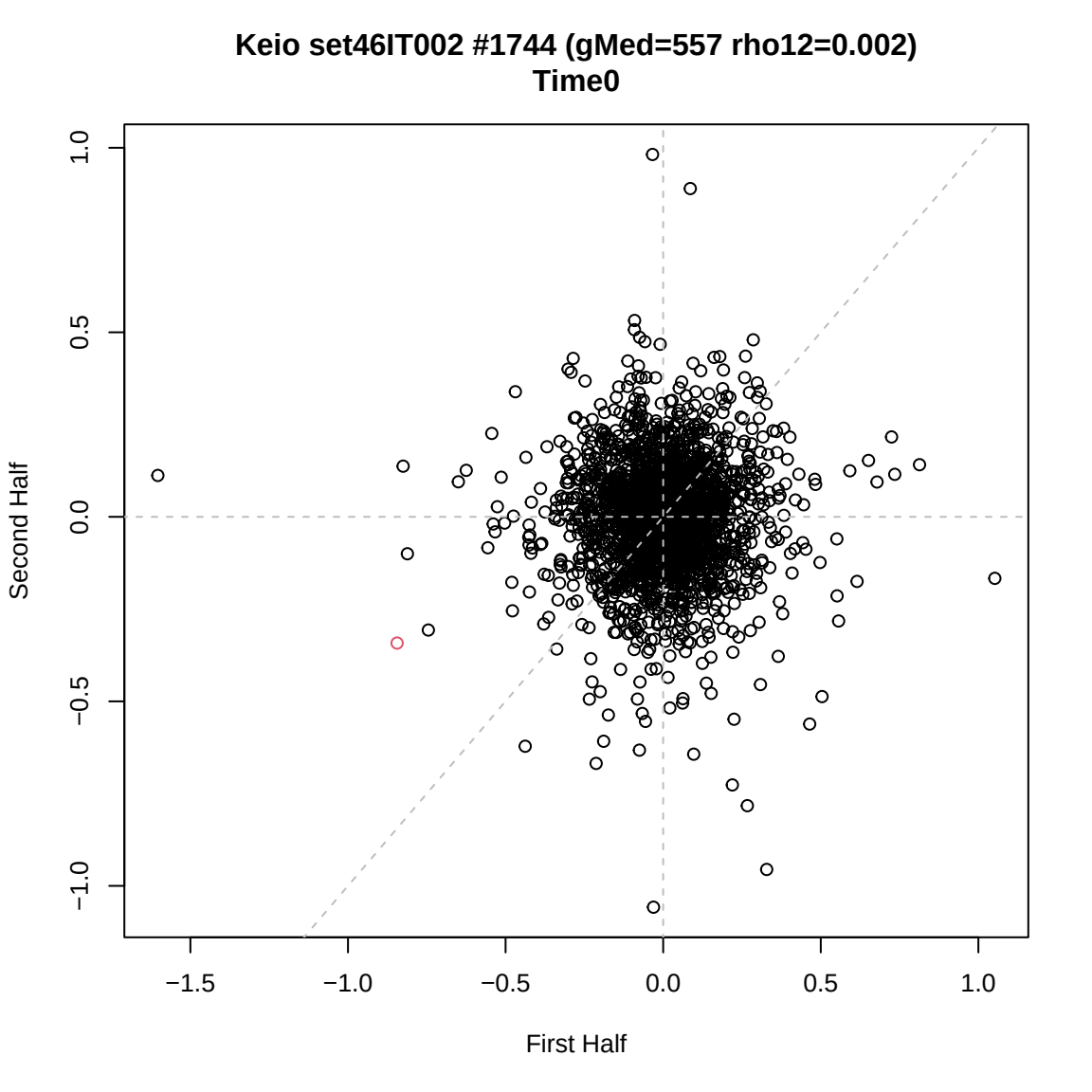

Keio set45IT069 #1739 (gMed=0 rho12=0.476)
rep2_C. elegans_10
Second Half
First Half
0
5
10
15

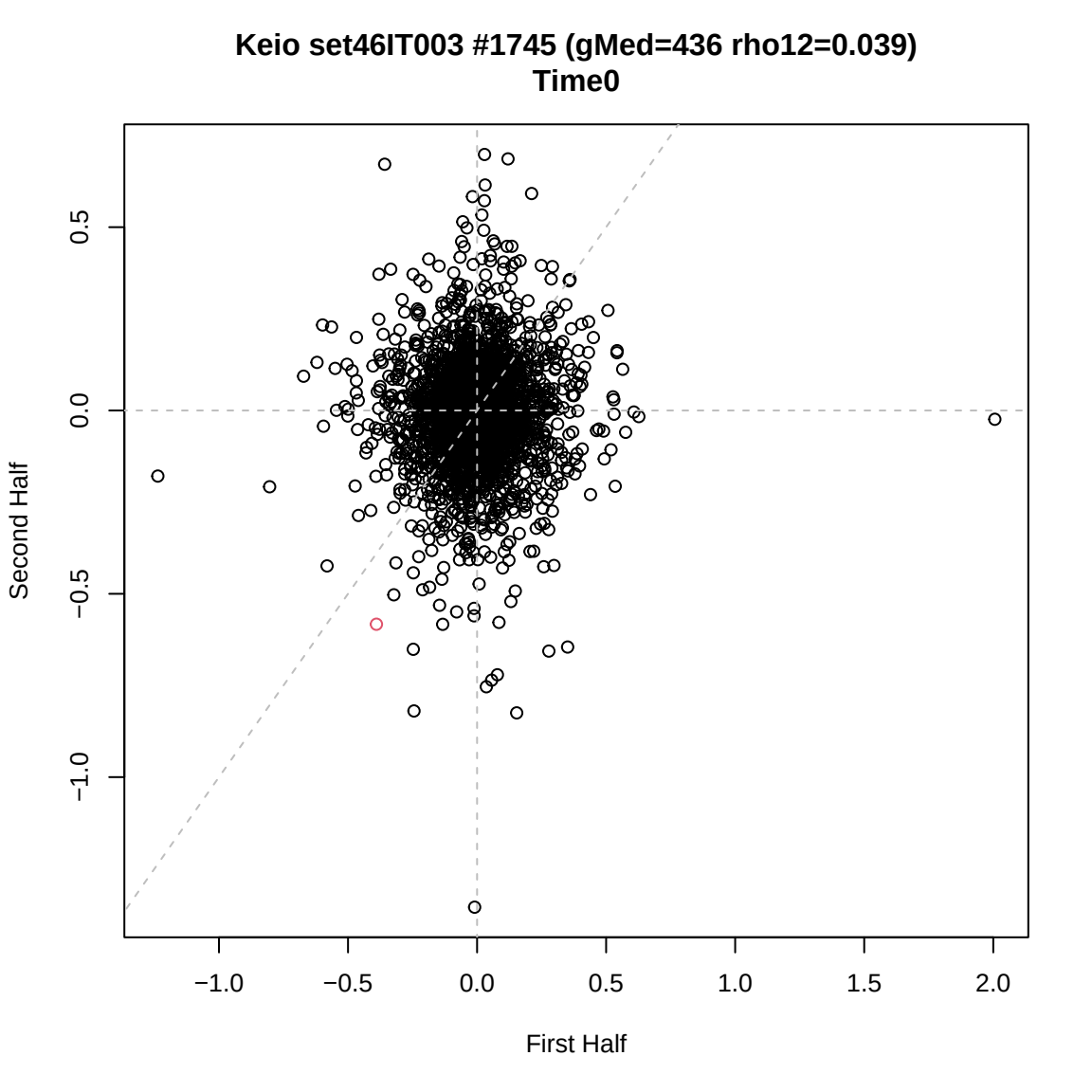

Keio set45IT070 #1740 (gMed=414 rho12=0.479)
NoPredatorControl_LB
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

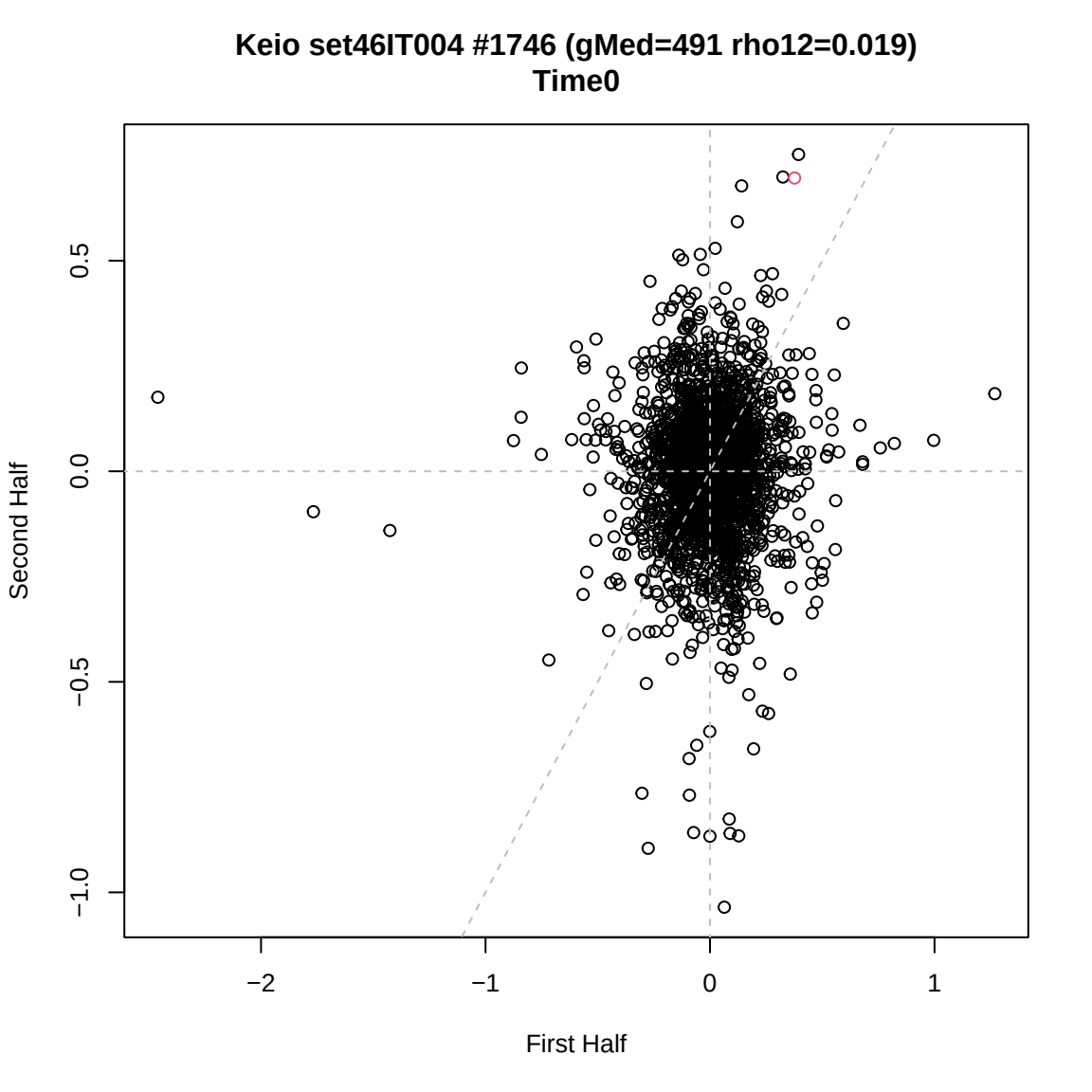

Keio set45IT071 #1741 (gMed=392 rho12=0.568)
rep2_A.castellanii_1000
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

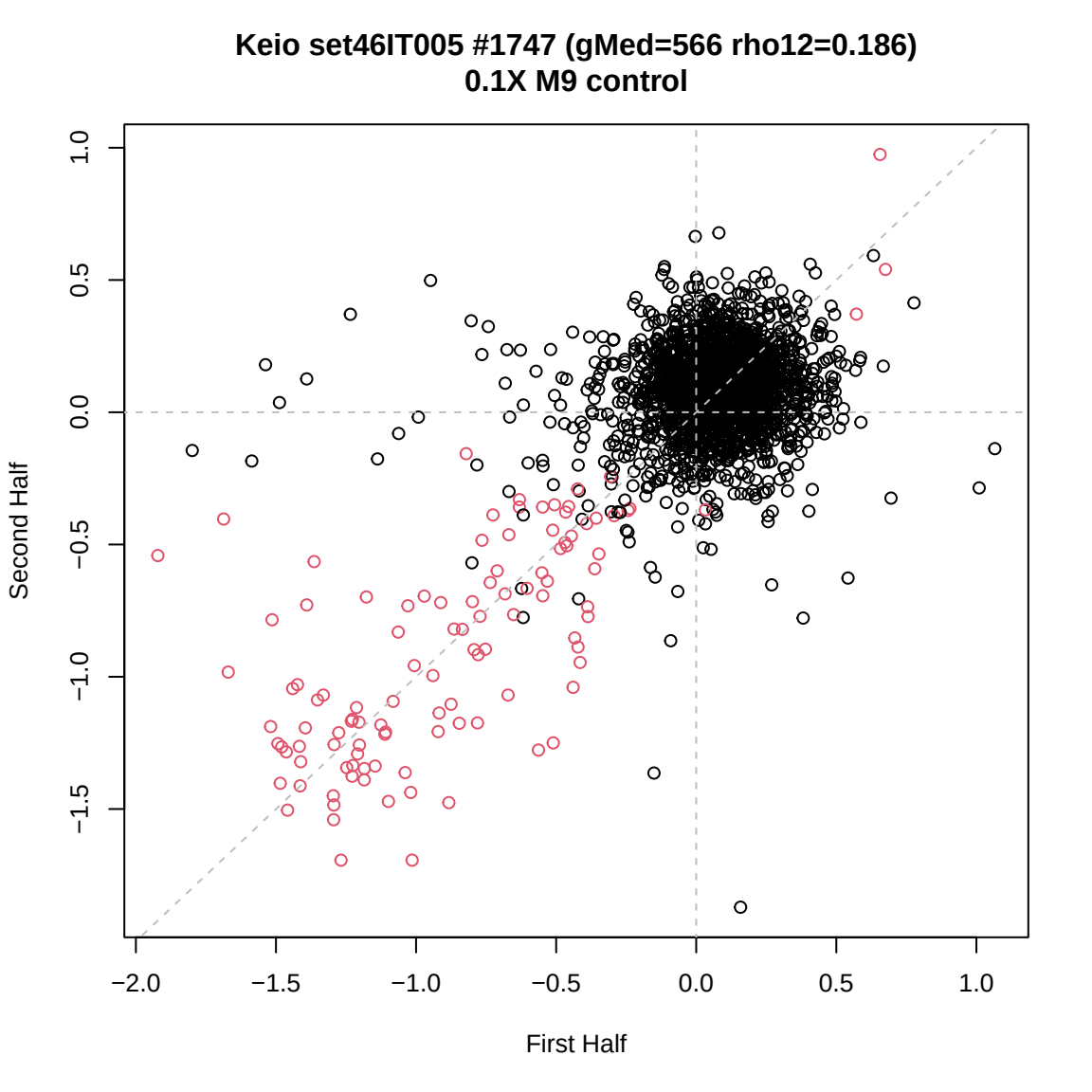

Keio set45IT072 #1742 (gMed=384 rho12=0.548)
rep2_A.castellanii_100
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

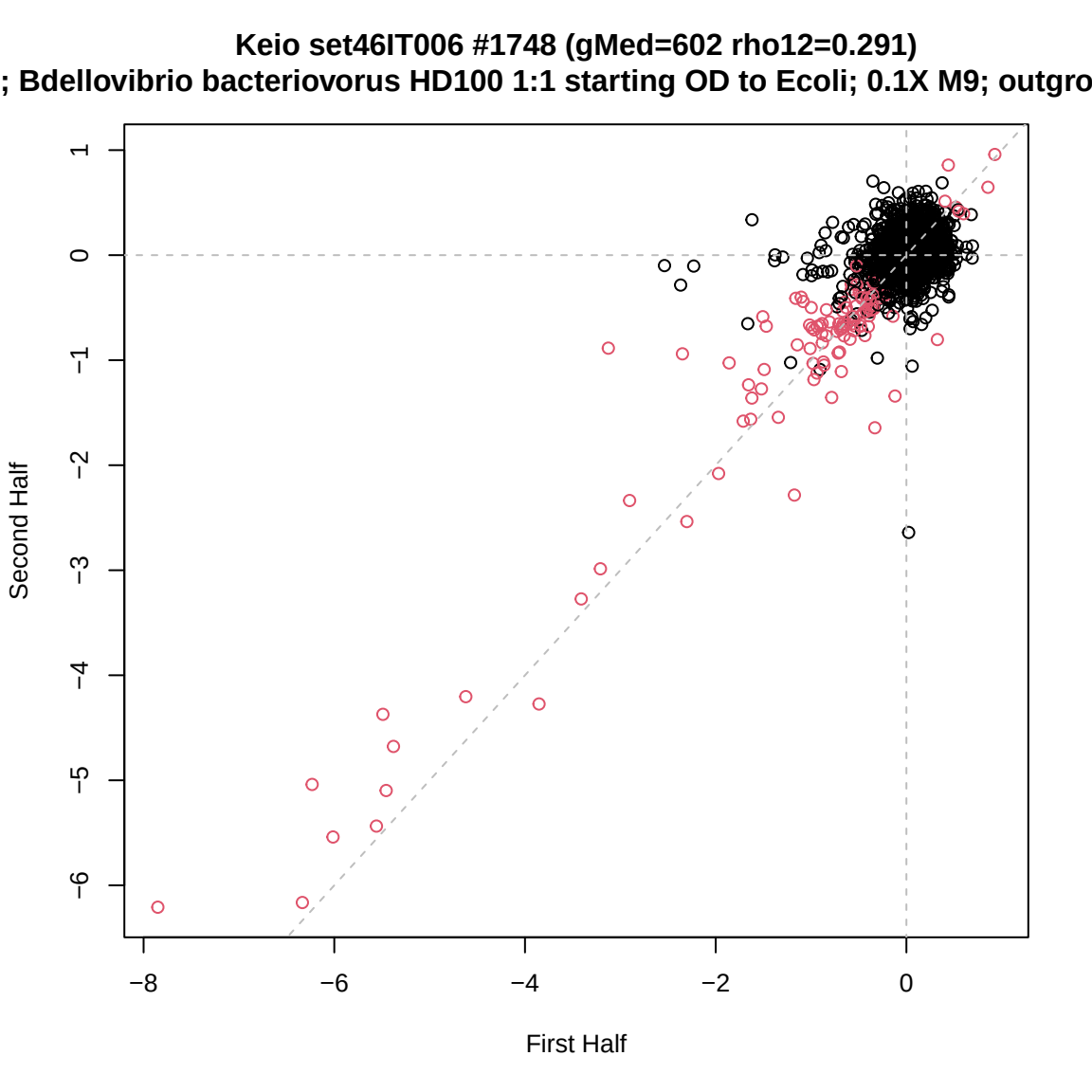

Keio set46IT001 #1743 (gMed=465 rho12=0.007)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

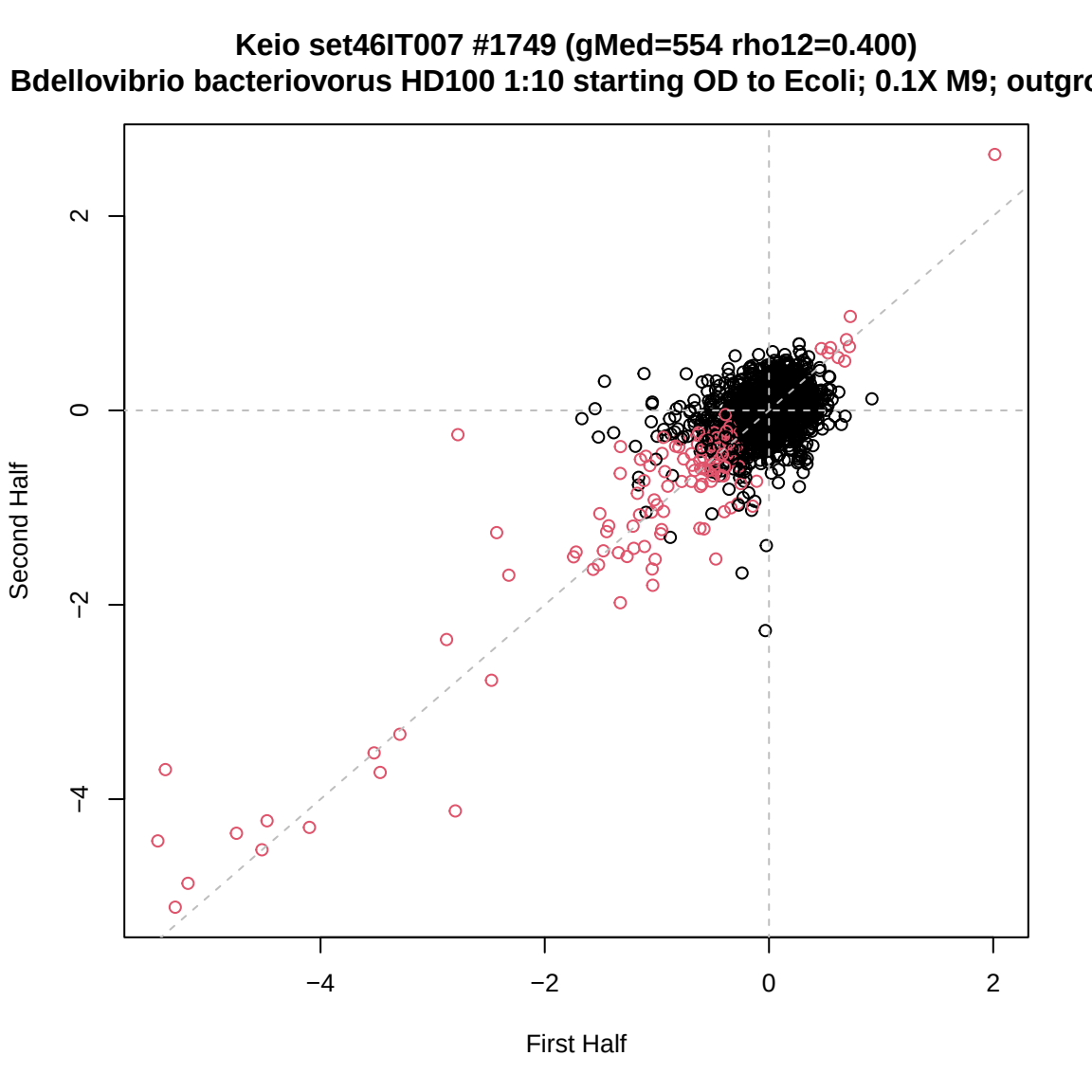

Keio set46IT002 #1744 (gMed=557 rho12=0.002)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

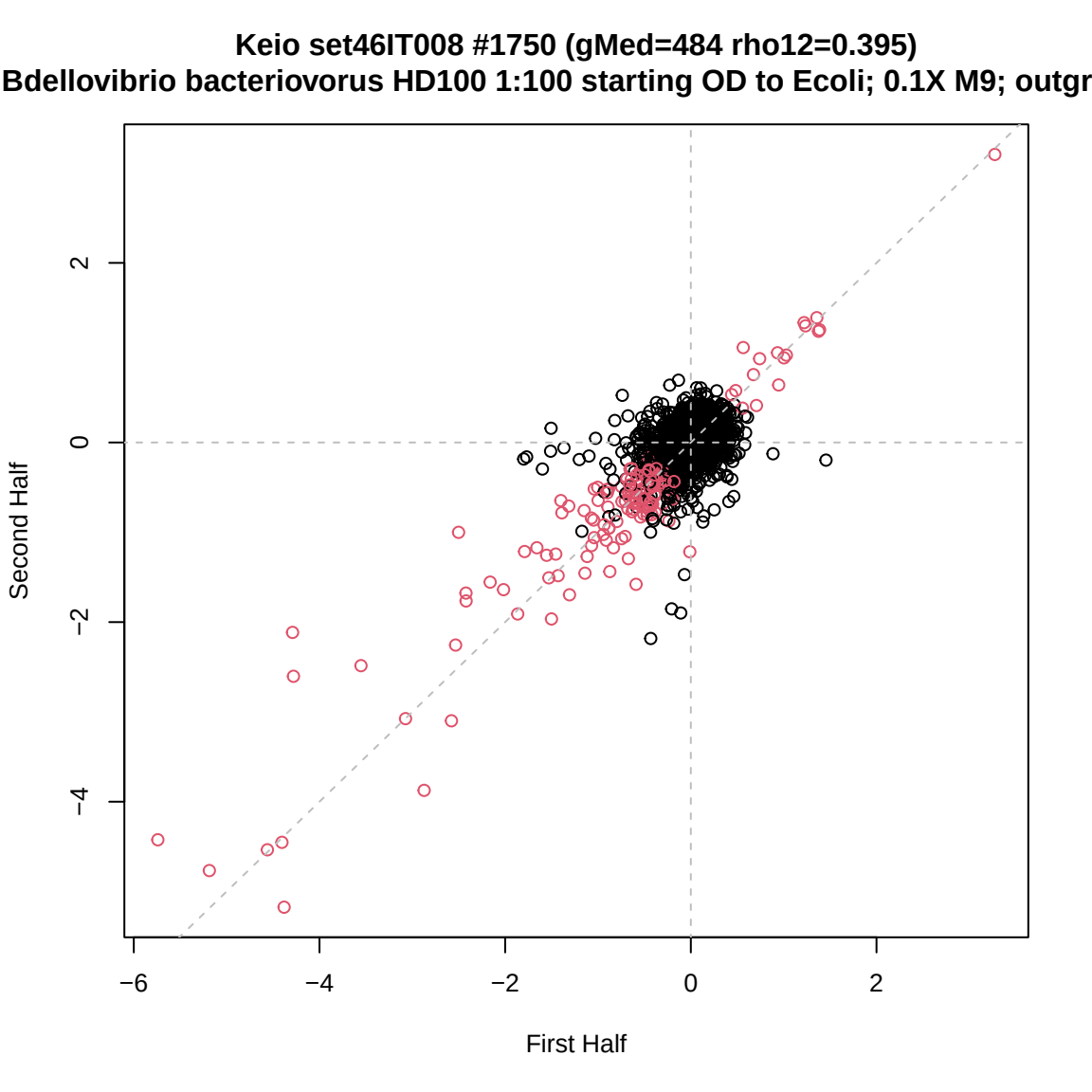

Keio set46IT003 #1745 (gMed=436 rho12=0.039)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

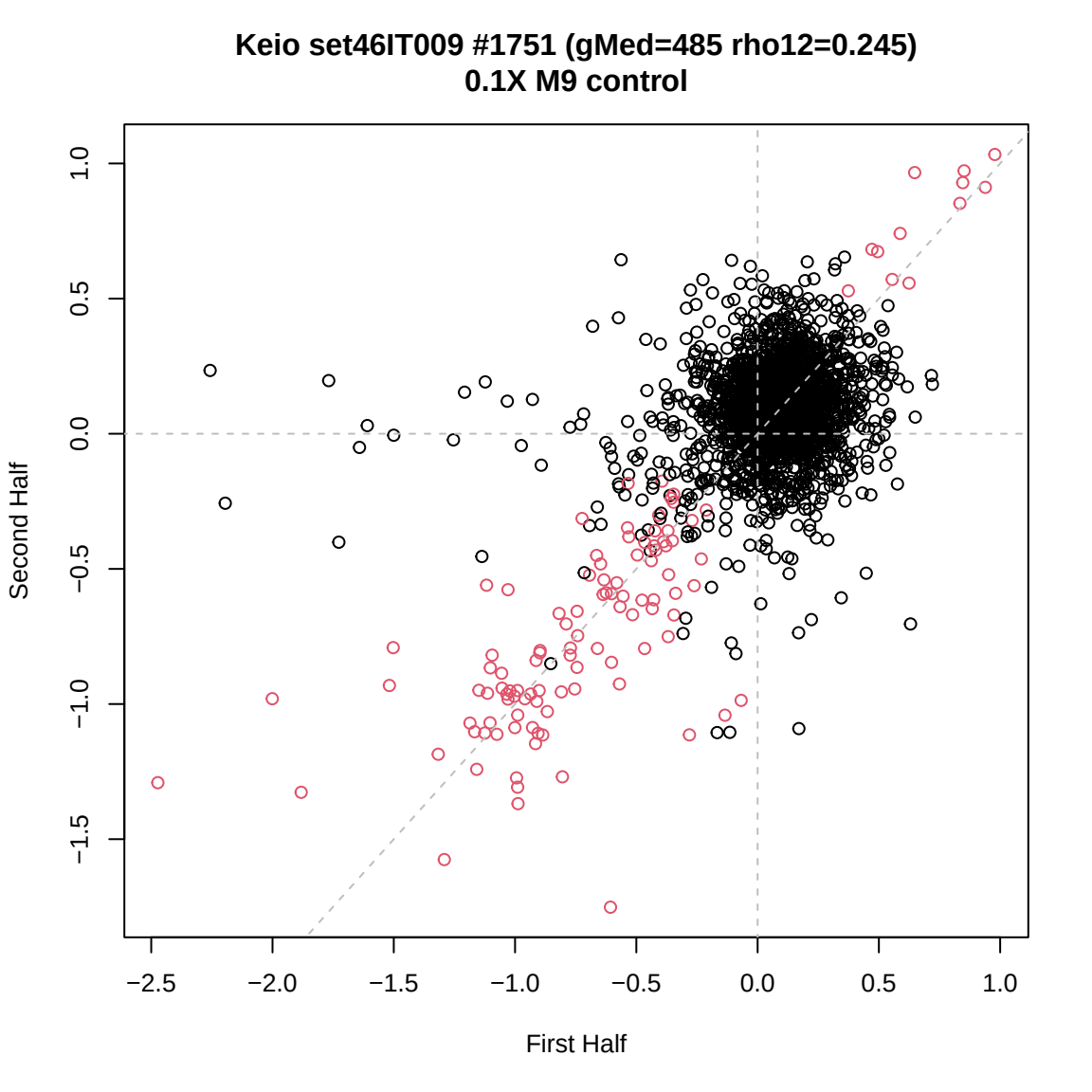

Keio set46IT004 #1746 (gMed=491 rho12=0.019)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−2
−1
0
1

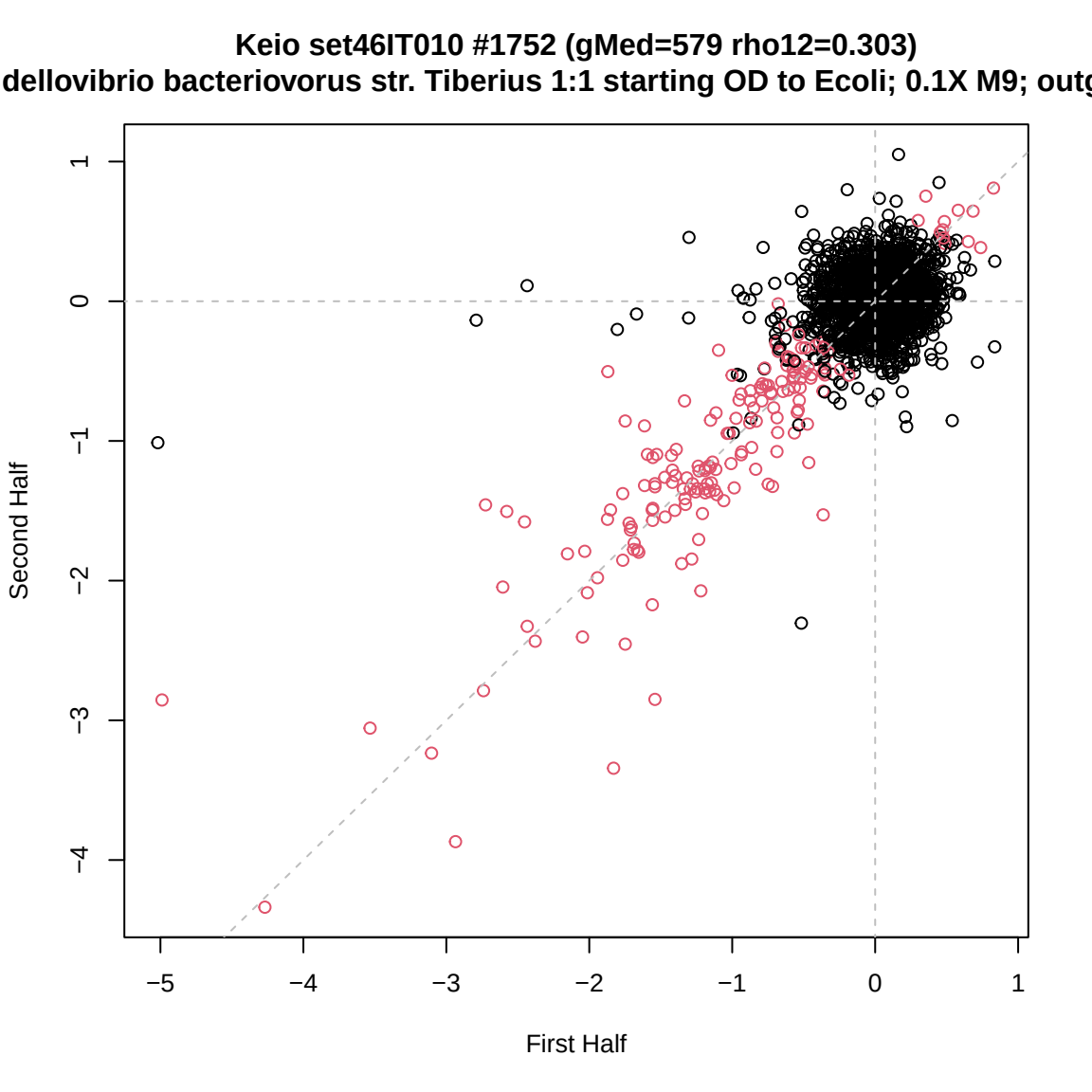

Keio set46IT005 #1747 (gMed=566 rho12=0.186)
0.1X M9 control
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

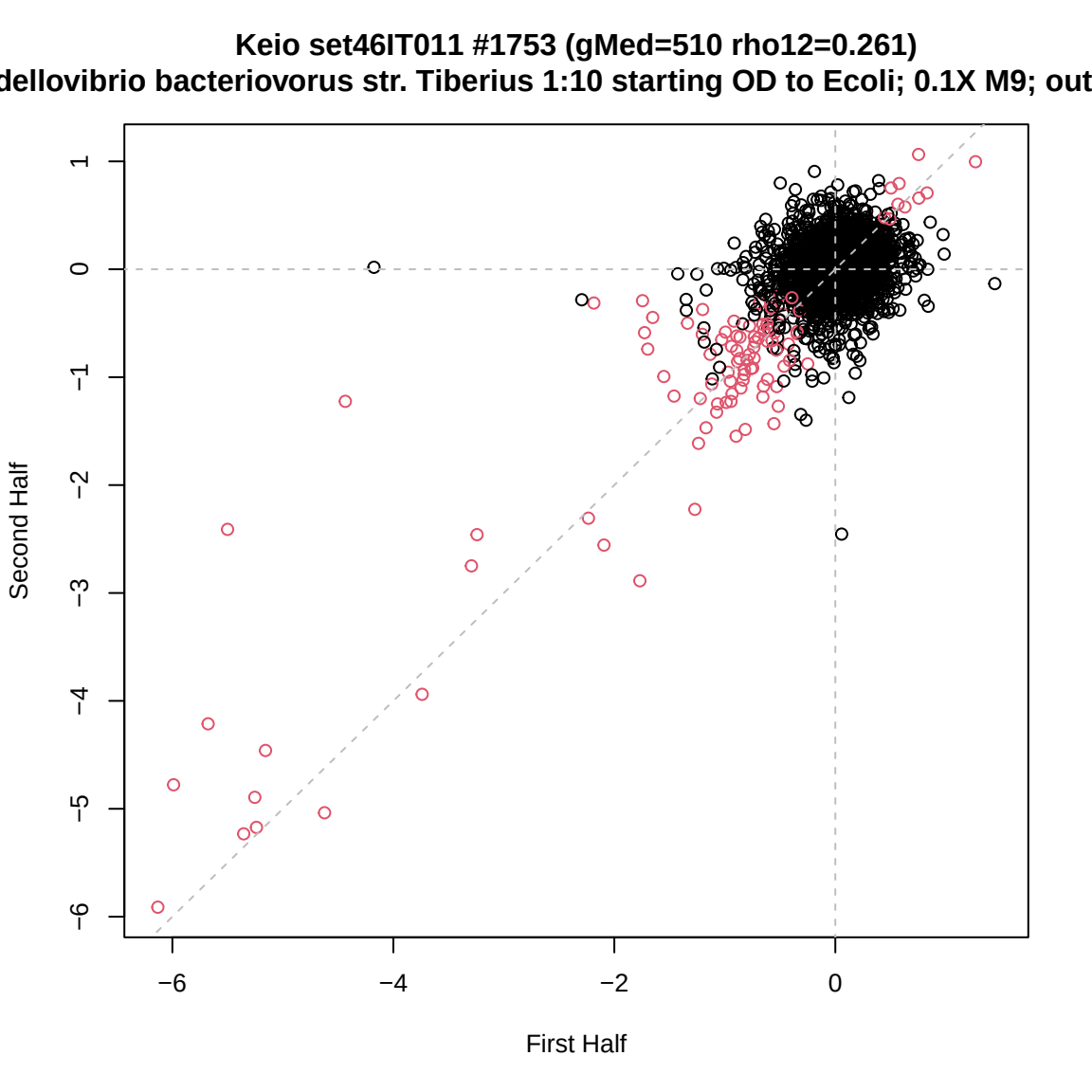

Keio set46IT006 #1748 (gMed=602 rho12=0.291)
; Bdellovibrio bacteriovorus HD100 1:1 starting OD to Ecoli; 0.1X M9; outgro
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−8
−6
−4
−2
0

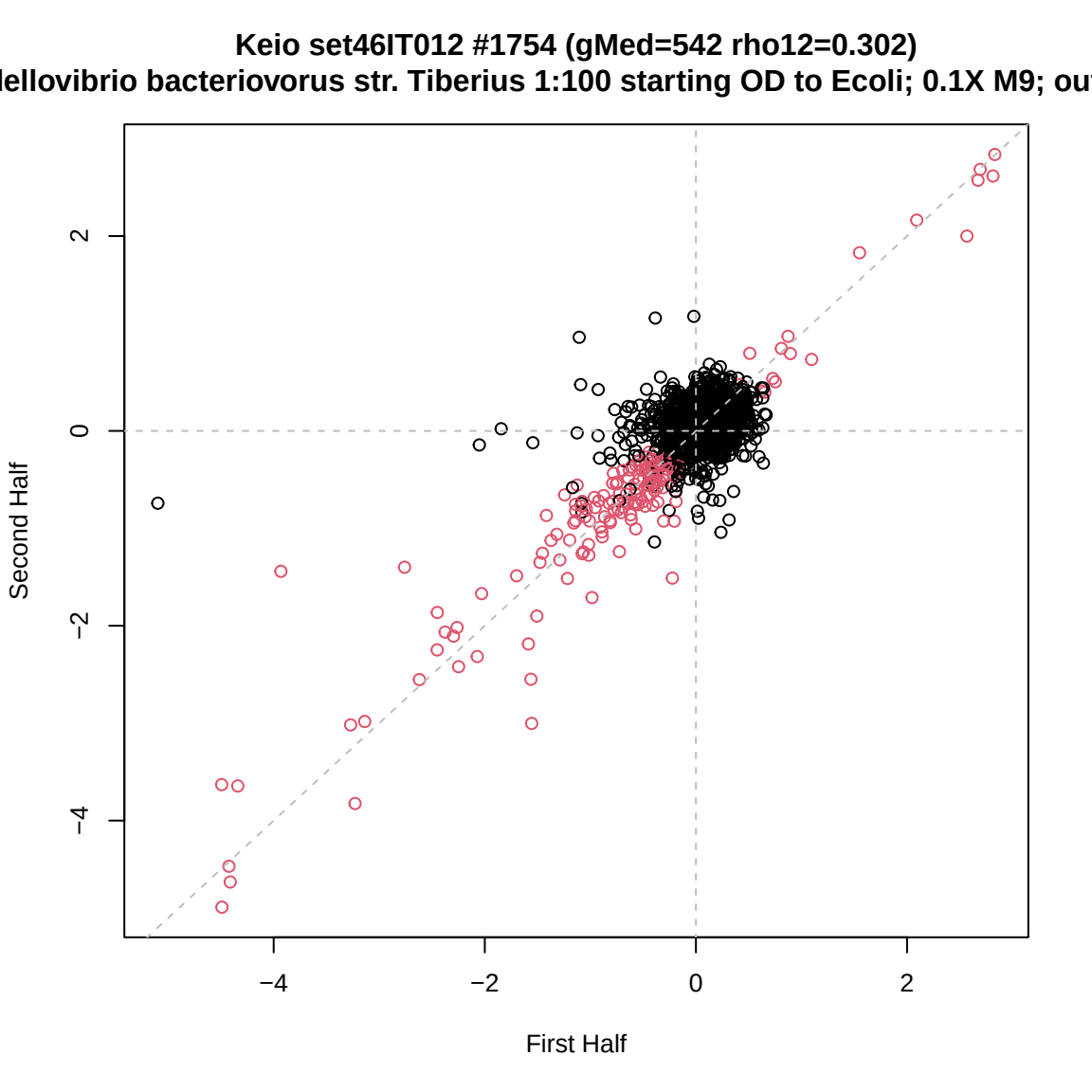

Keio set46IT007 #1749 (gMed=554 rho12=0.400)
Bdellovibrio bacteriovorus HD100 1:10 starting OD to Ecoli; 0.1X M9; outgro
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

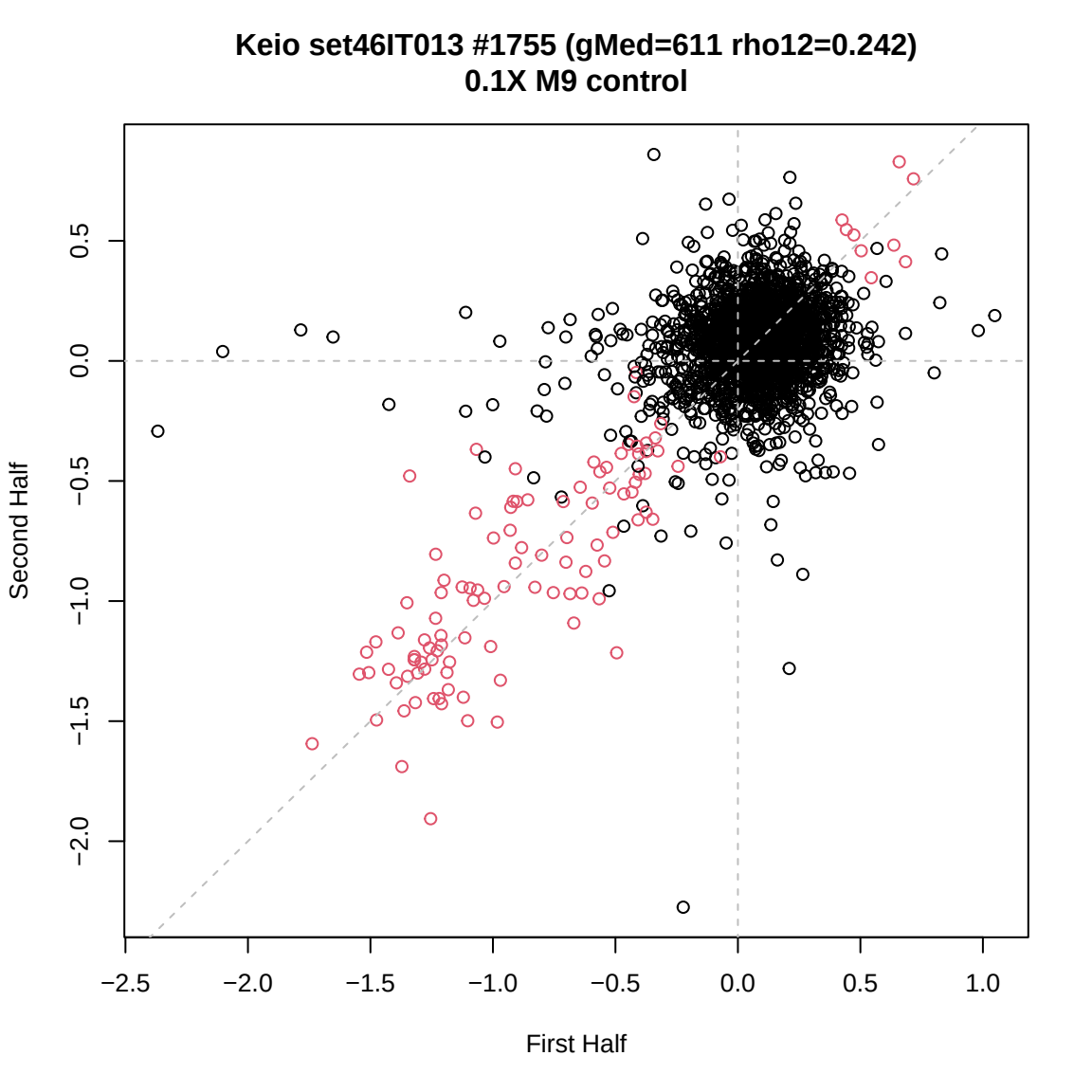

Keio set46IT008 #1750 (gMed=484 rho12=0.395)
Bdellovibrio bacteriovorus HD100 1:100 starting OD to Ecoli; 0.1X M9; outgr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

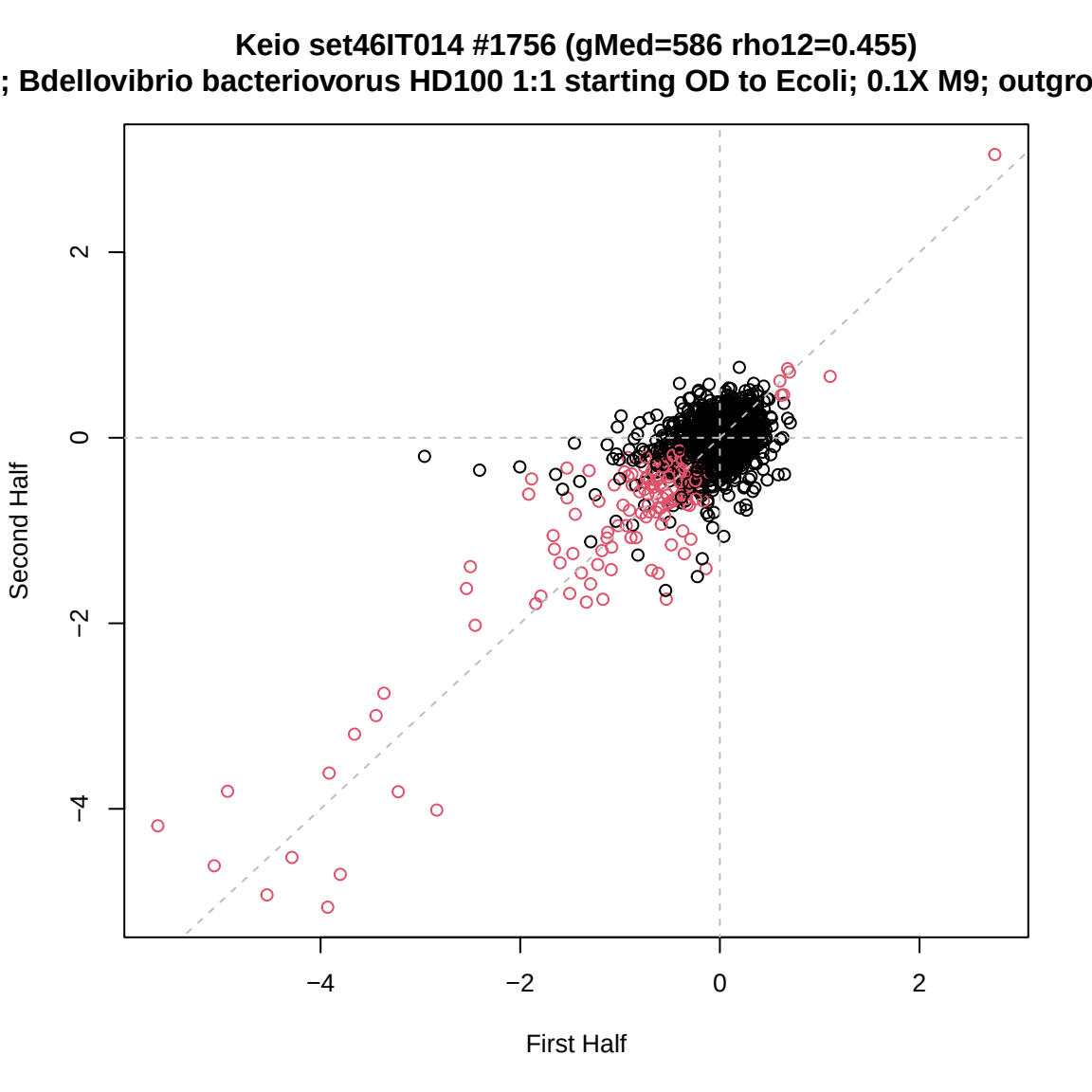

Keio set46IT009 #1751 (gMed=485 rho12=0.245)
0.1X M9 control
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

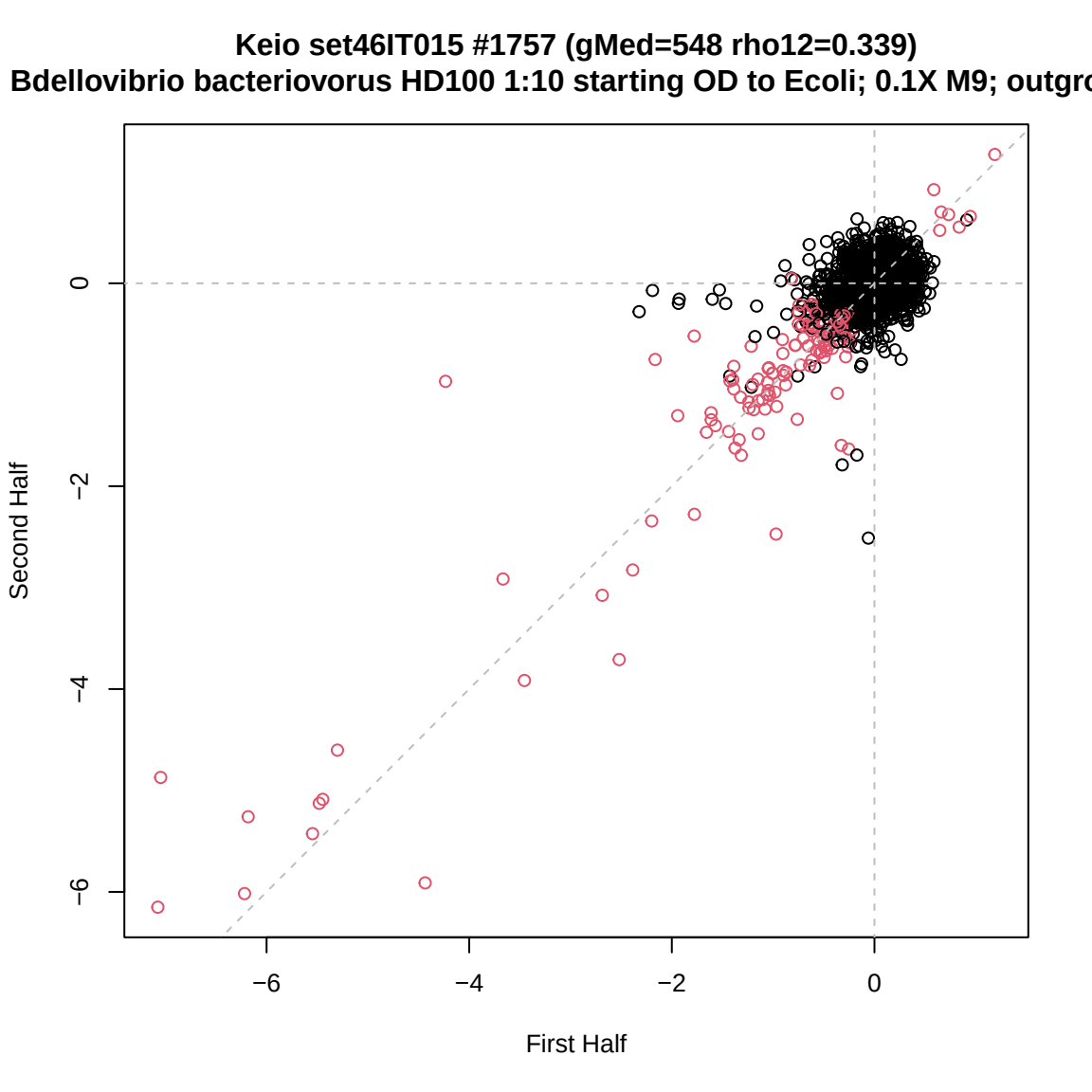

Keio set46IT010 #1752 (gMed=579 rho12=0.303)
dellovibrio bacteriovorus str. Tiberius 1:1 starting OD to Ecoli; 0.1X M9; outg
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

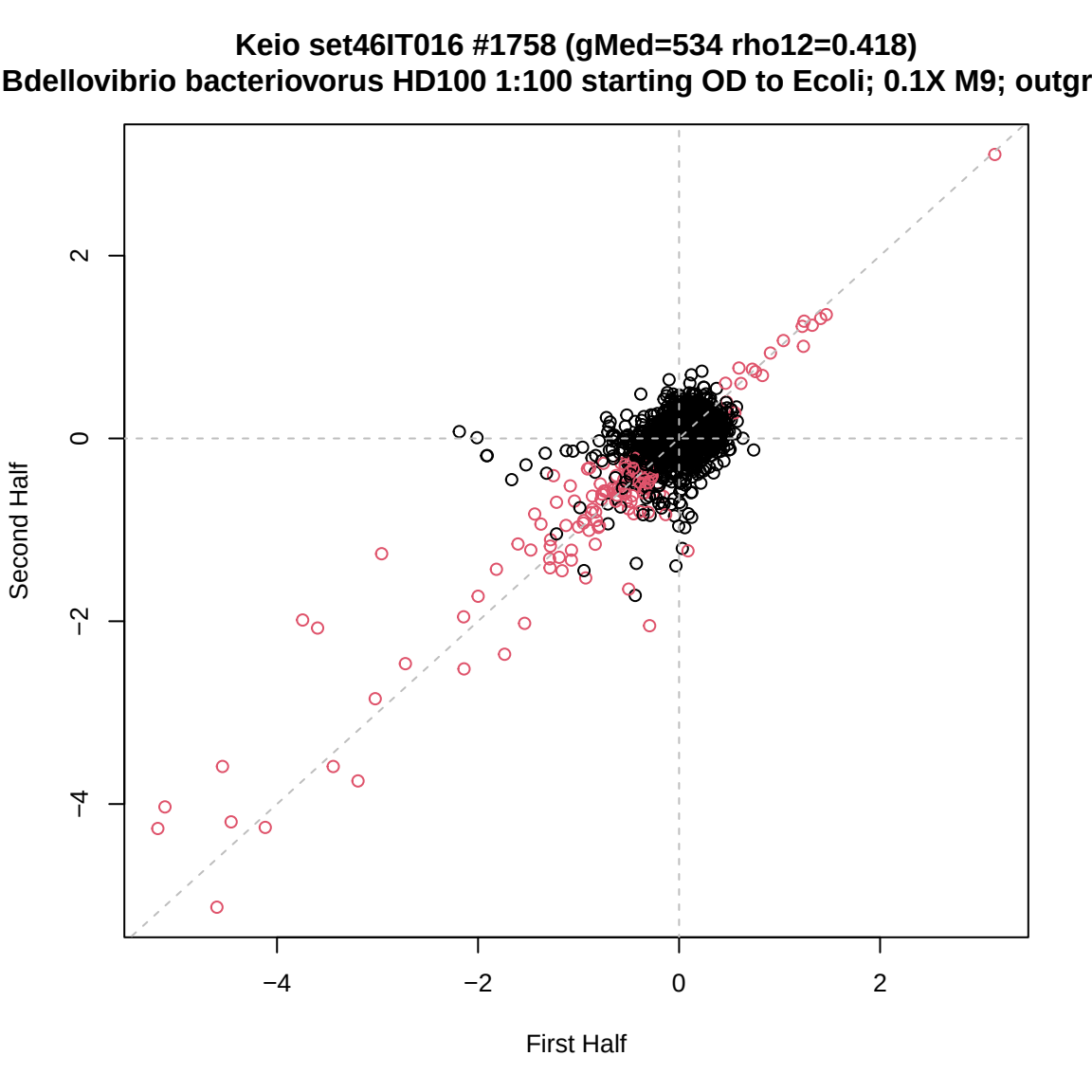

Keio set46IT011 #1753 (gMed=510 rho12=0.261)
dellovibrio bacteriovorus str. Tiberius 1:10 starting OD to Ecoli; 0.1X M9; out
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

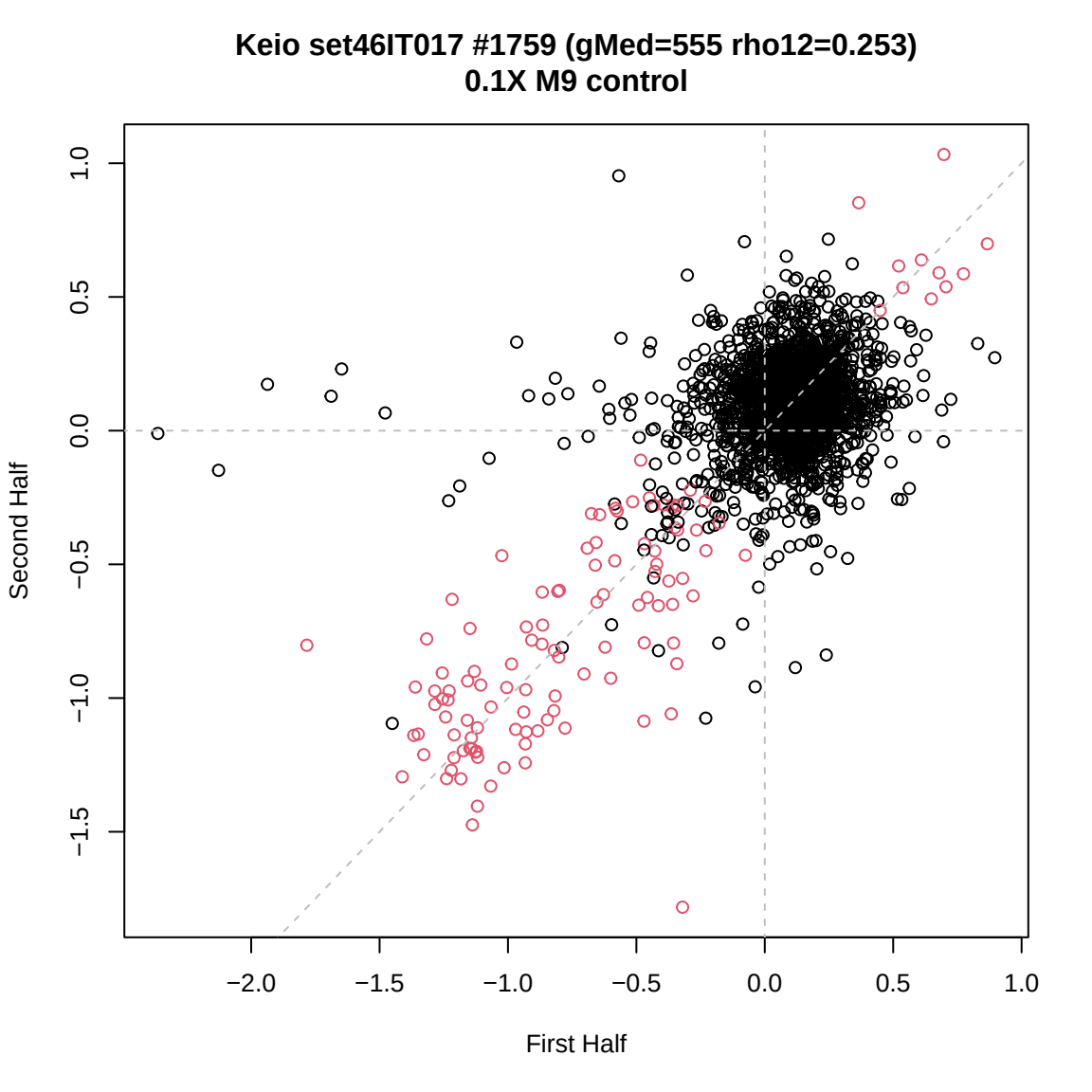

Keio set46IT012 #1754 (gMed=542 rho12=0.302)
dellovibrio bacteriovorus str. Tiberius 1:100 starting OD to Ecoli; 0.1X M9; ou
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

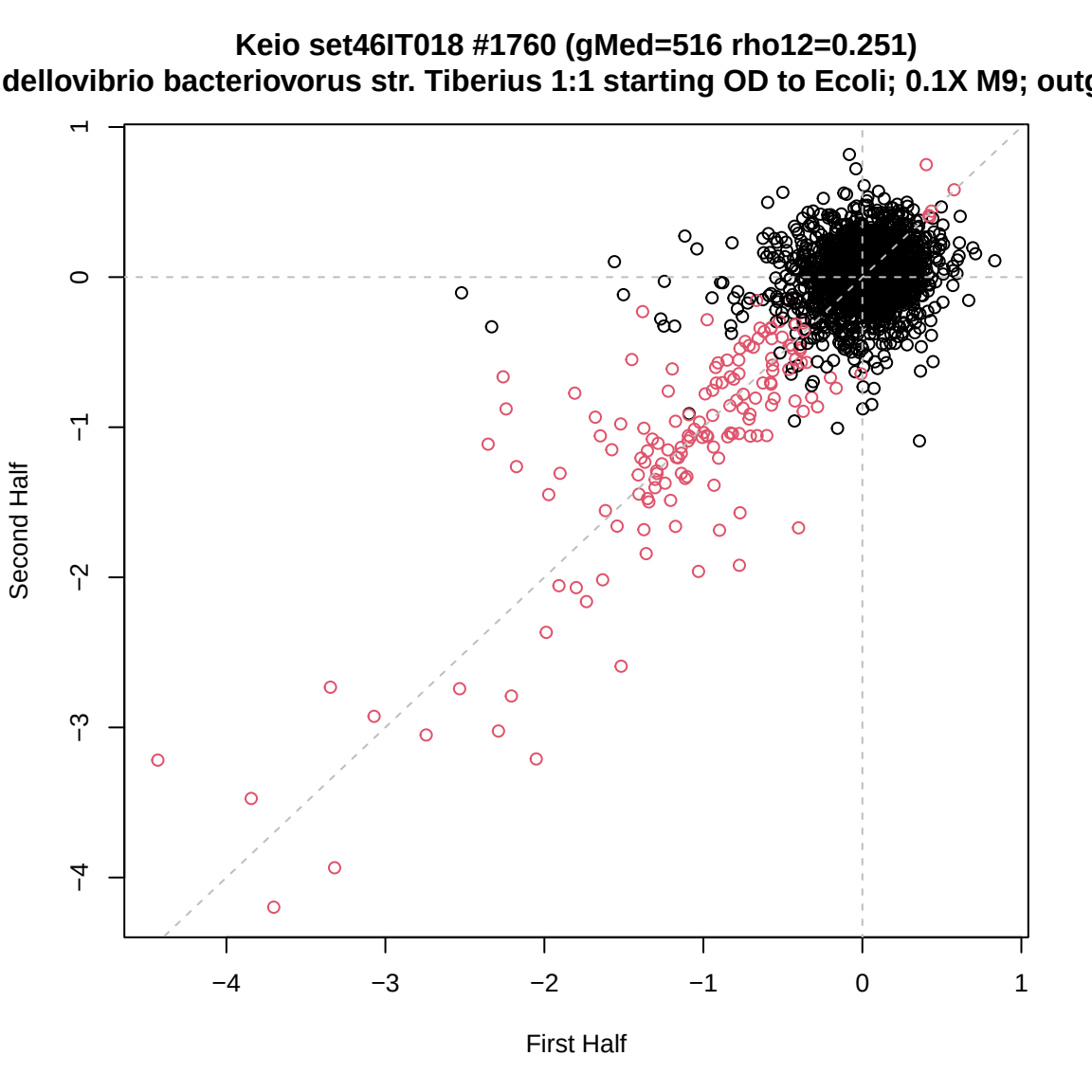

Keio set46IT013 #1755 (gMed=611 rho12=0.242)
0.1X M9 control
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

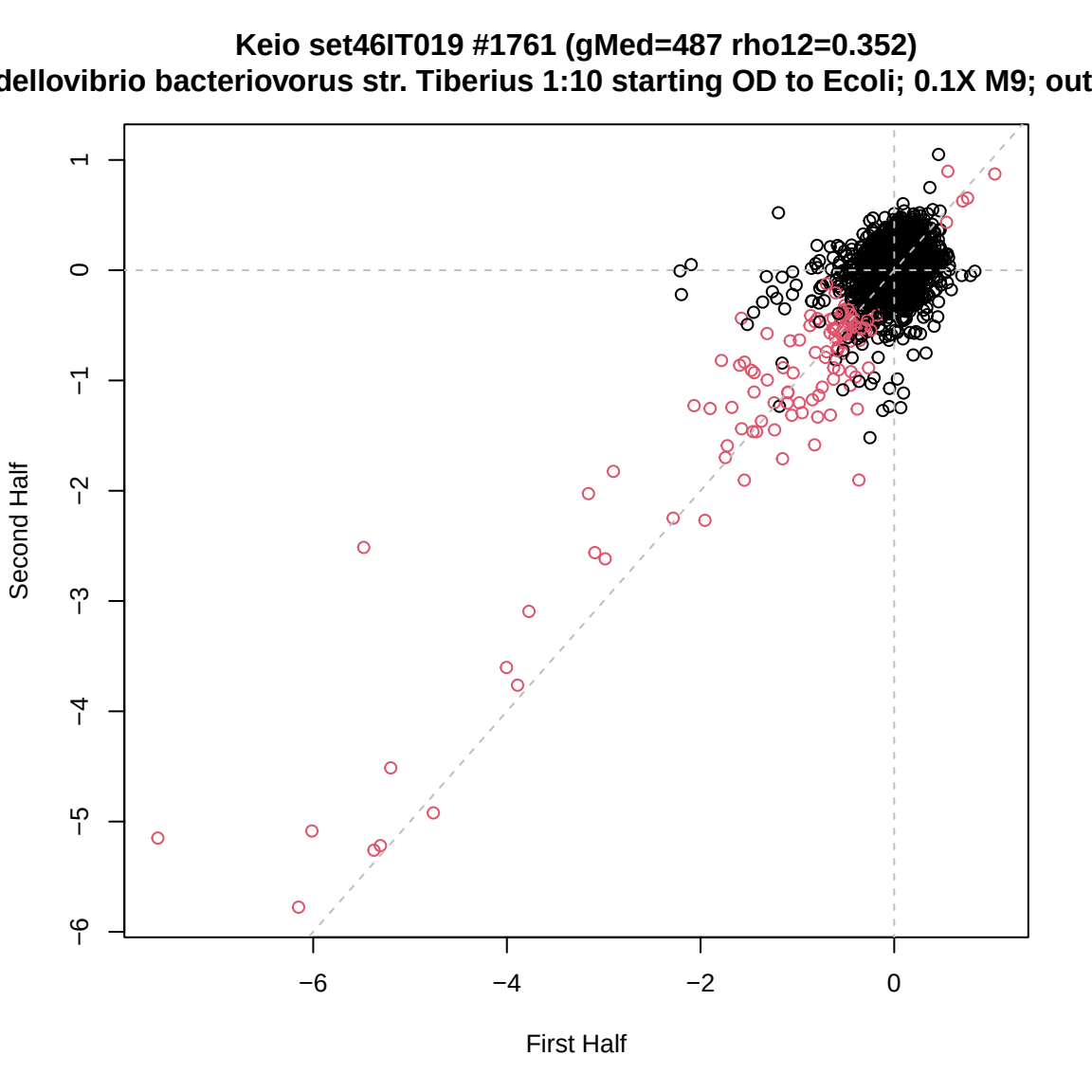

Keio set46IT014 #1756 (gMed=586 rho12=0.455)
; Bdellovibrio bacteriovorus HD100 1:1 starting OD to Ecoli; 0.1X M9; outgro
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

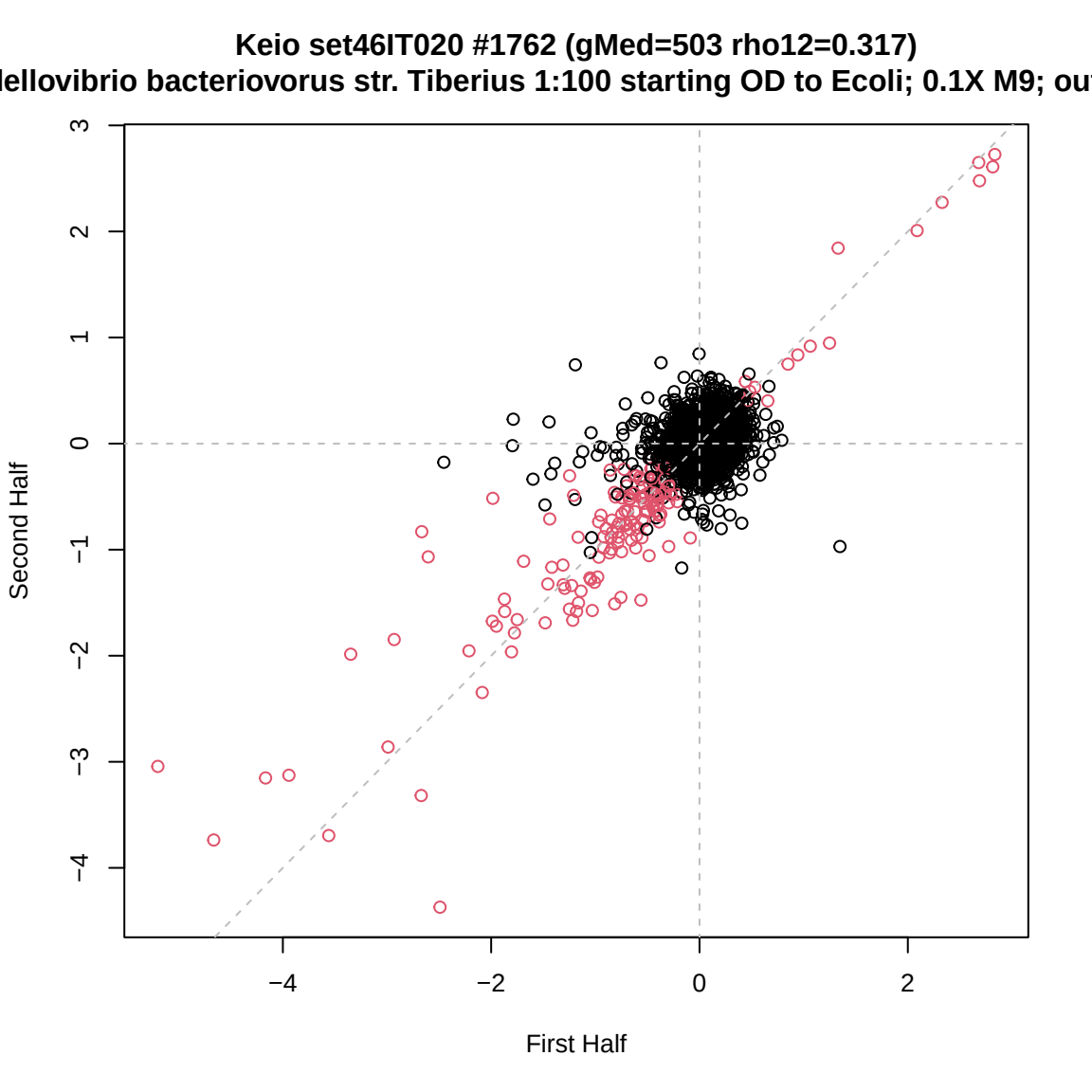

Keio set46IT015 #1757 (gMed=548 rho12=0.339)
Bdellovibrio bacteriovorus HD100 1:10 starting OD to Ecoli; 0.1X M9; outgro
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

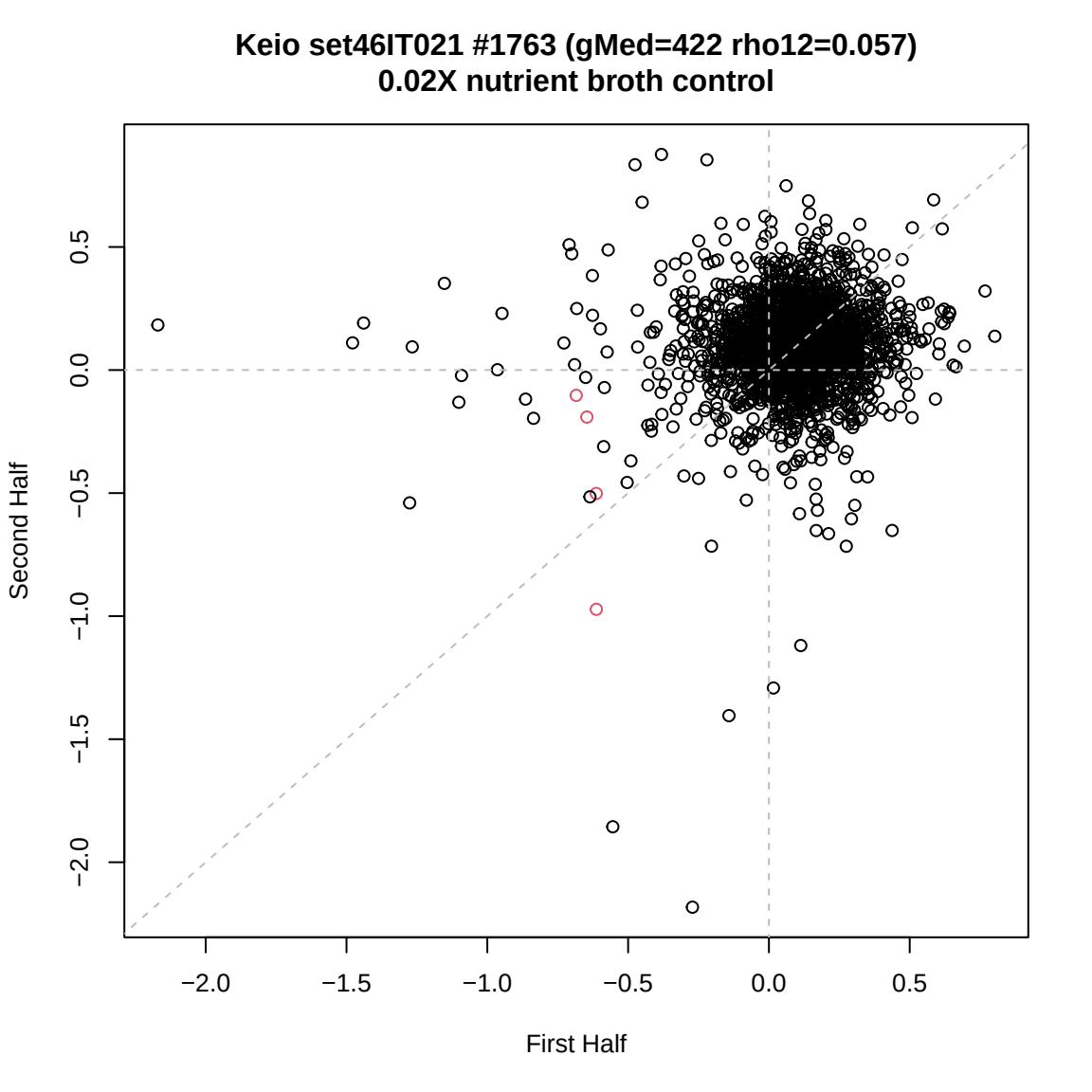

Keio set46IT016 #1758 (gMed=534 rho12=0.418)
Bdellovibrio bacteriovorus HD100 1:100 starting OD to Ecoli; 0.1X M9; outgr
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

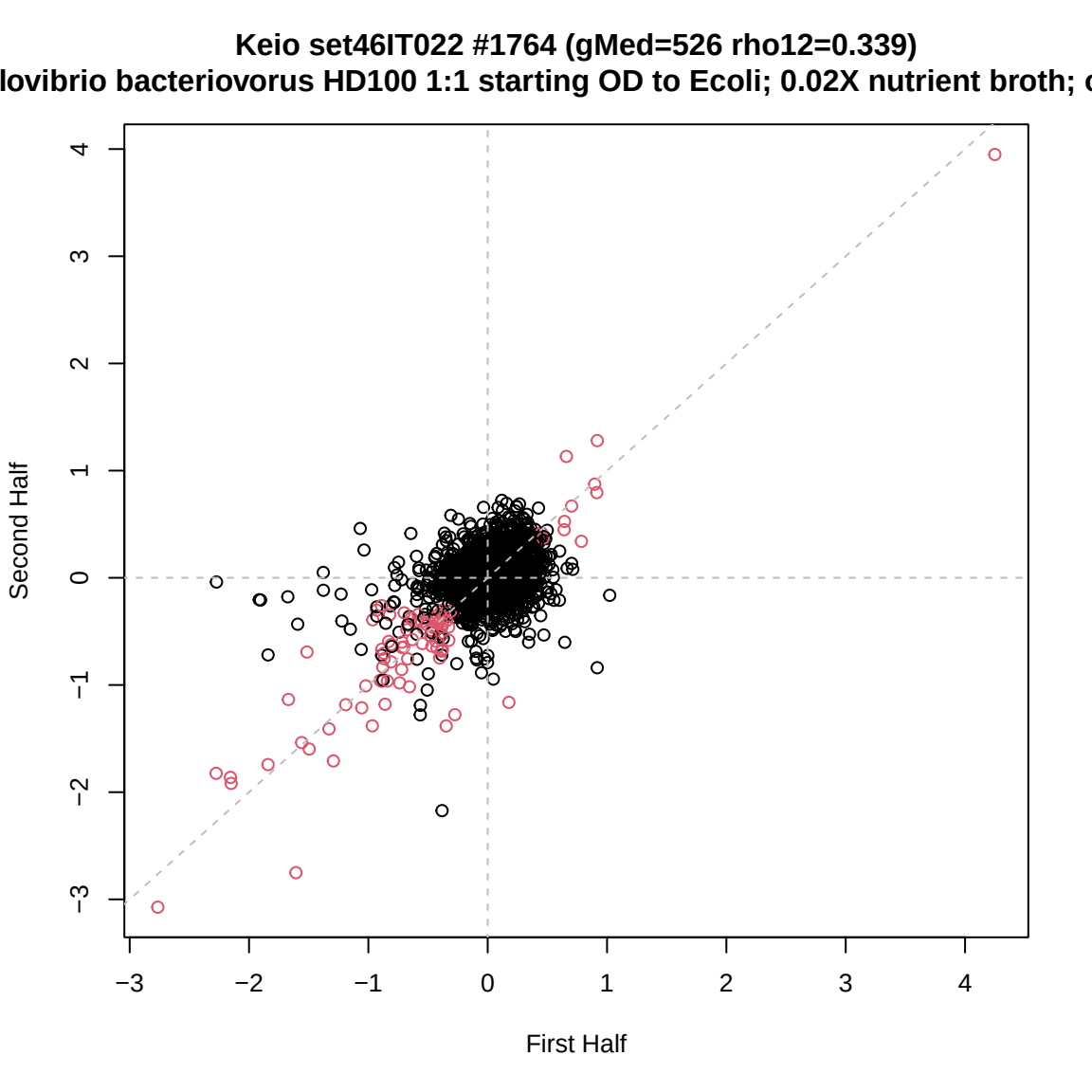

Keio set46IT017 #1759 (gMed=555 rho12=0.253)
0.1X M9 control
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

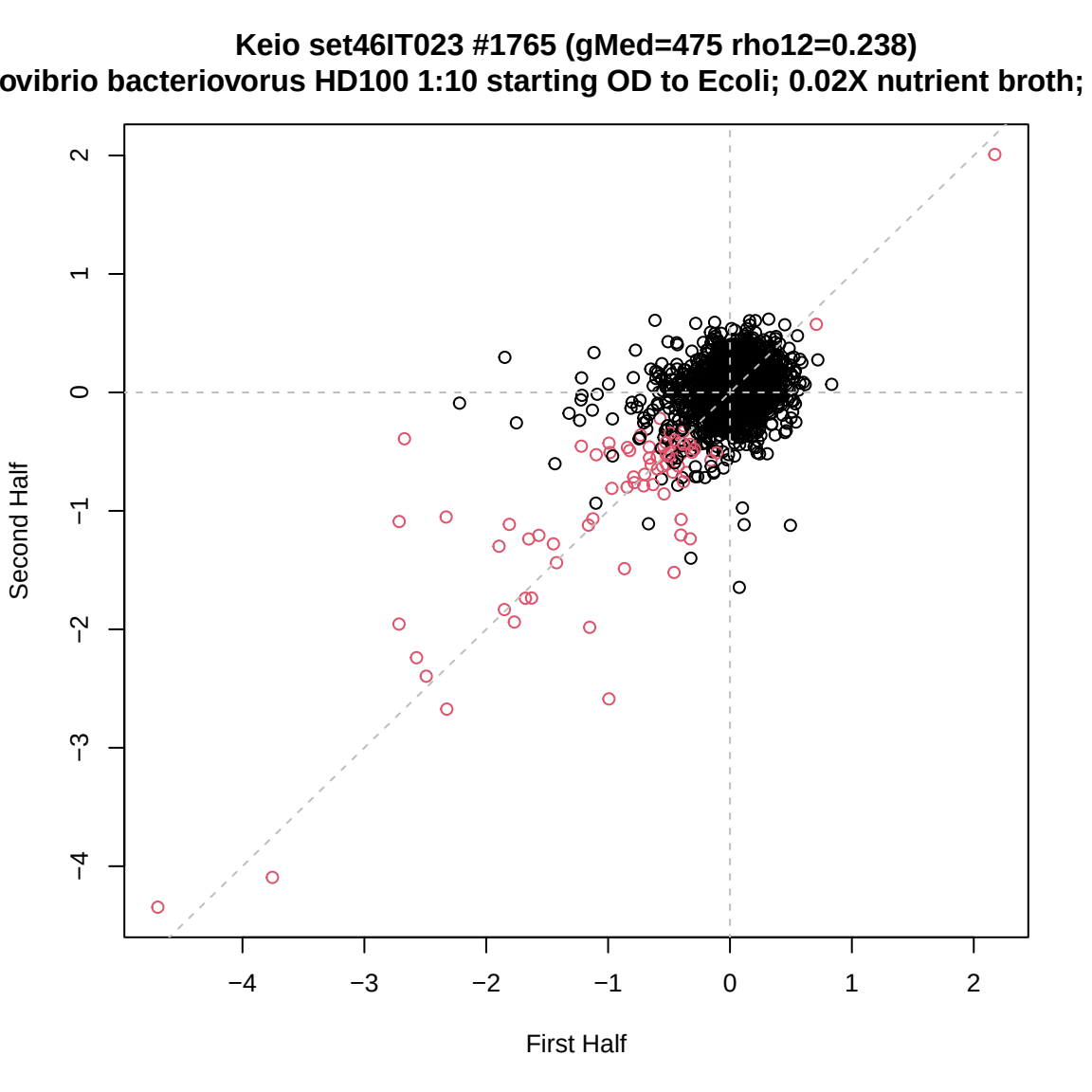

Keio set46IT018 #1760 (gMed=516 rho12=0.251)
dellovibrio bacteriovorus str. Tiberius 1:1 starting OD to Ecoli; 0.1X M9; outg
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

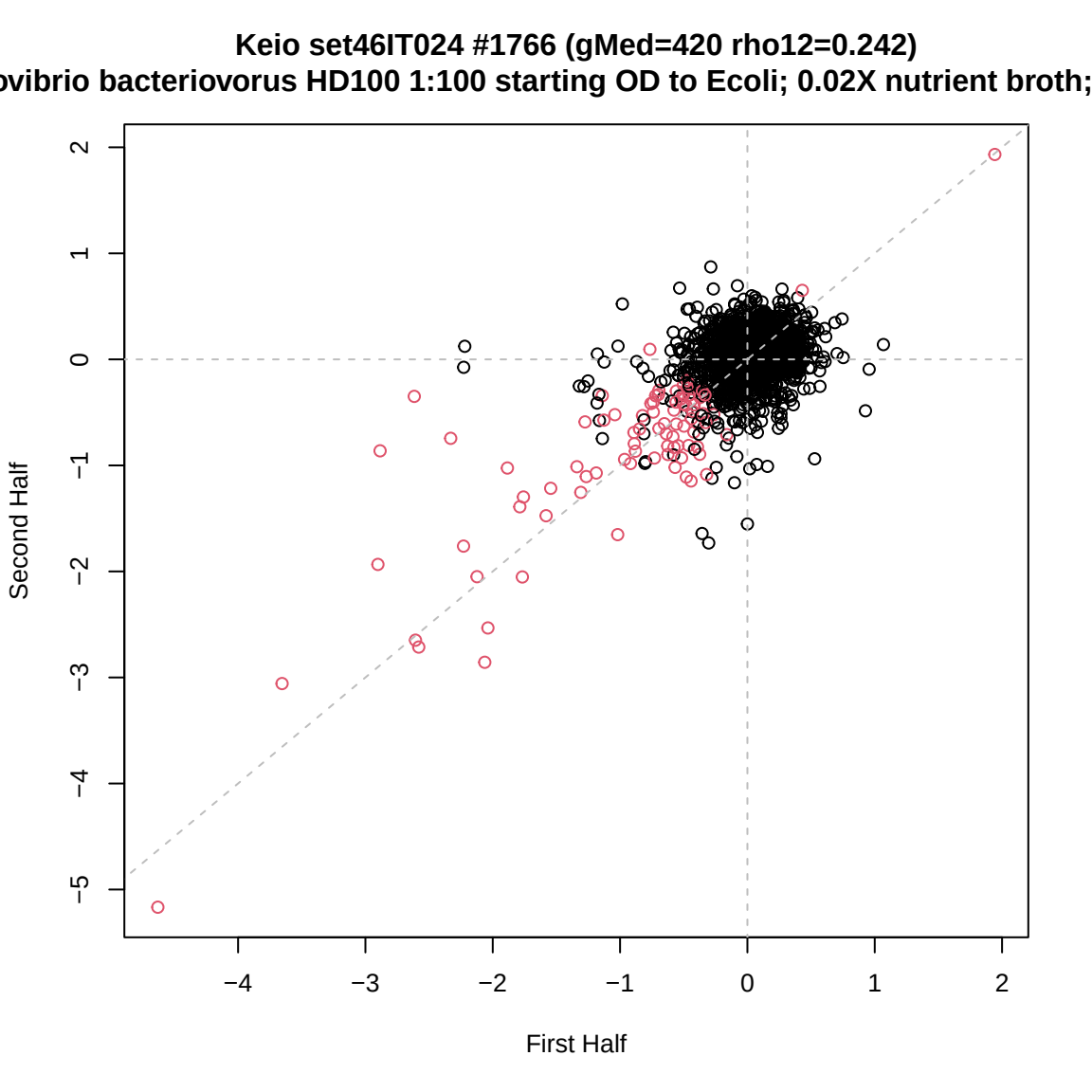

Keio set46IT019 #1761 (gMed=487 rho12=0.352)
dellovibrio bacteriovorus str. Tiberius 1:10 starting OD to Ecoli; 0.1X M9; out
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

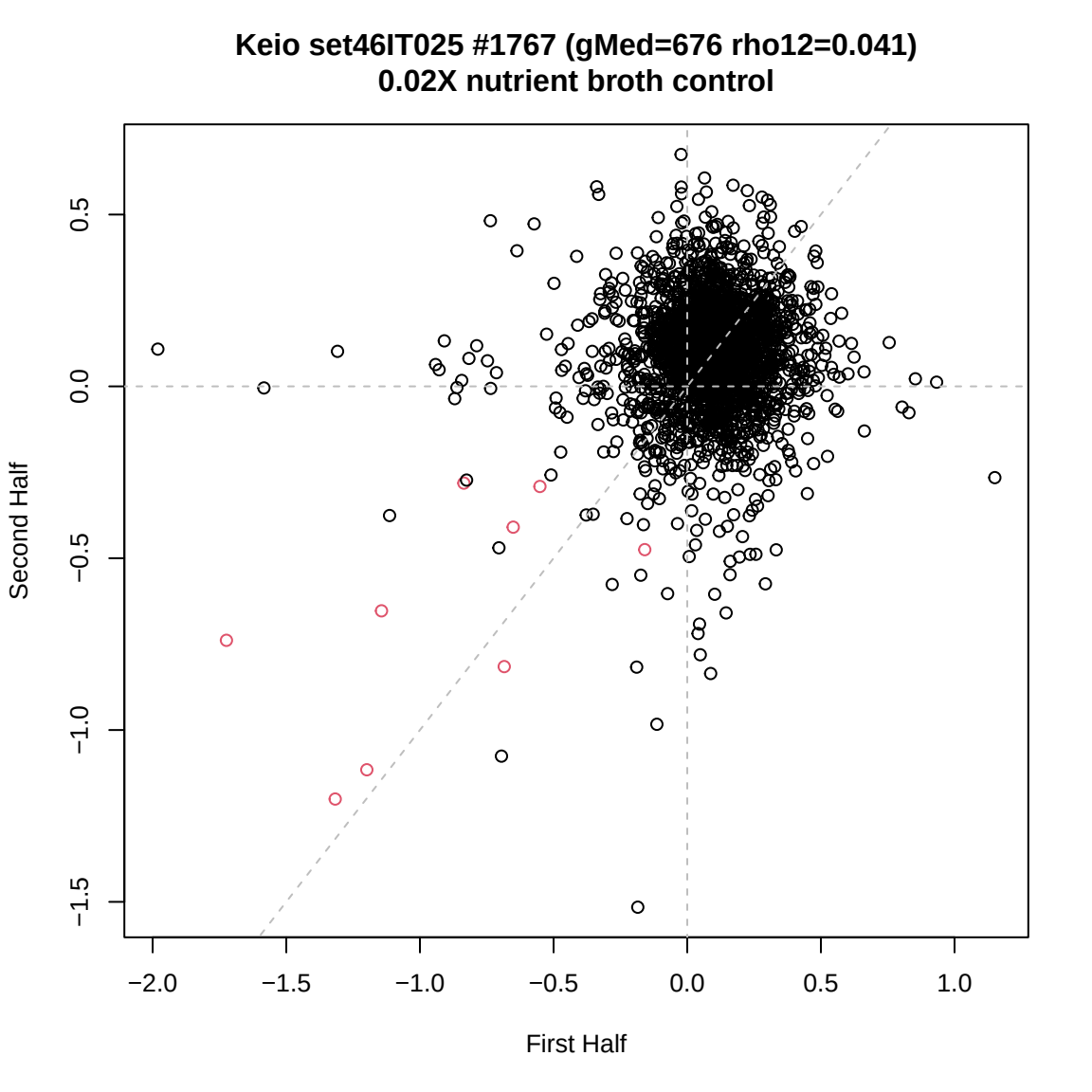

Keio set46IT020 #1762 (gMed=503 rho12=0.317)
ellovibrio bacteriovorus str. Tiberius 1:100 starting OD to Ecoli; 0.1X M9; ou
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2

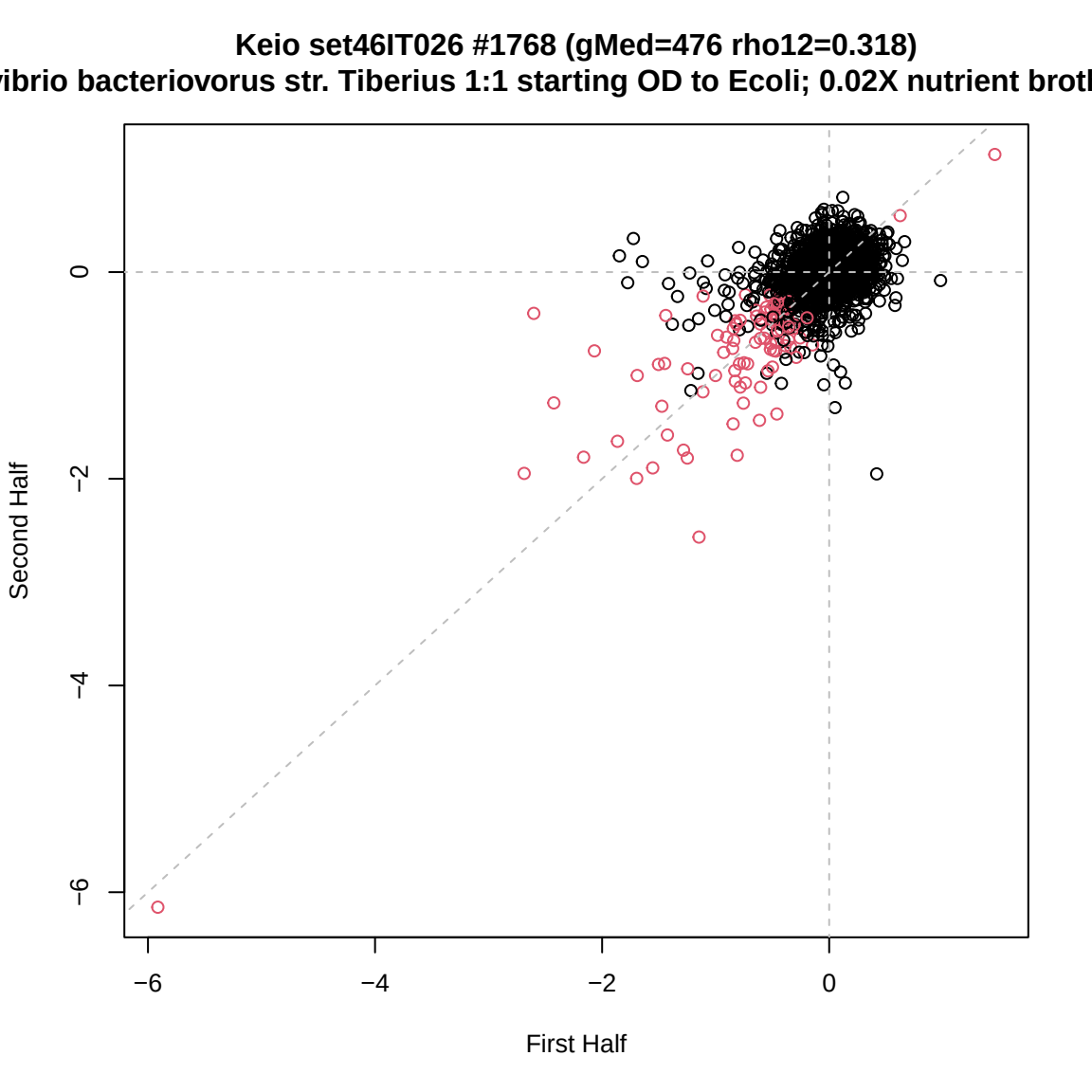

Keio set46IT021 #1763 (gMed=422 rho12=0.057)
0.02X nutrient broth control
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5

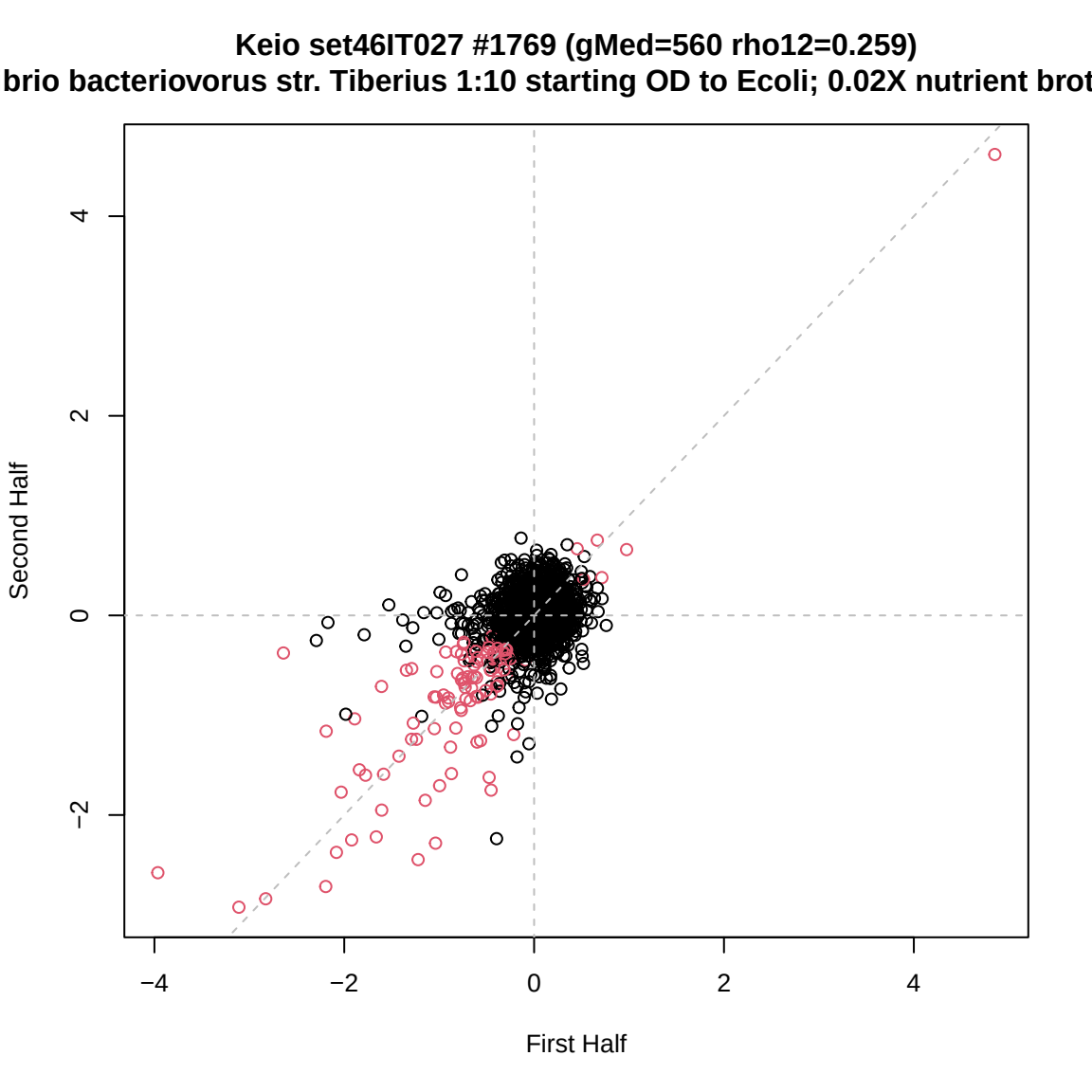

Keio set46IT022 #1764 (gMed=526 rho12=0.339)
lovibrio bacteriovorus HD100 1:1 starting OD to Ecoli; 0.02X nutrient broth; c
Second Half
First Half
−3
−2
−1
0
1
2
3
4

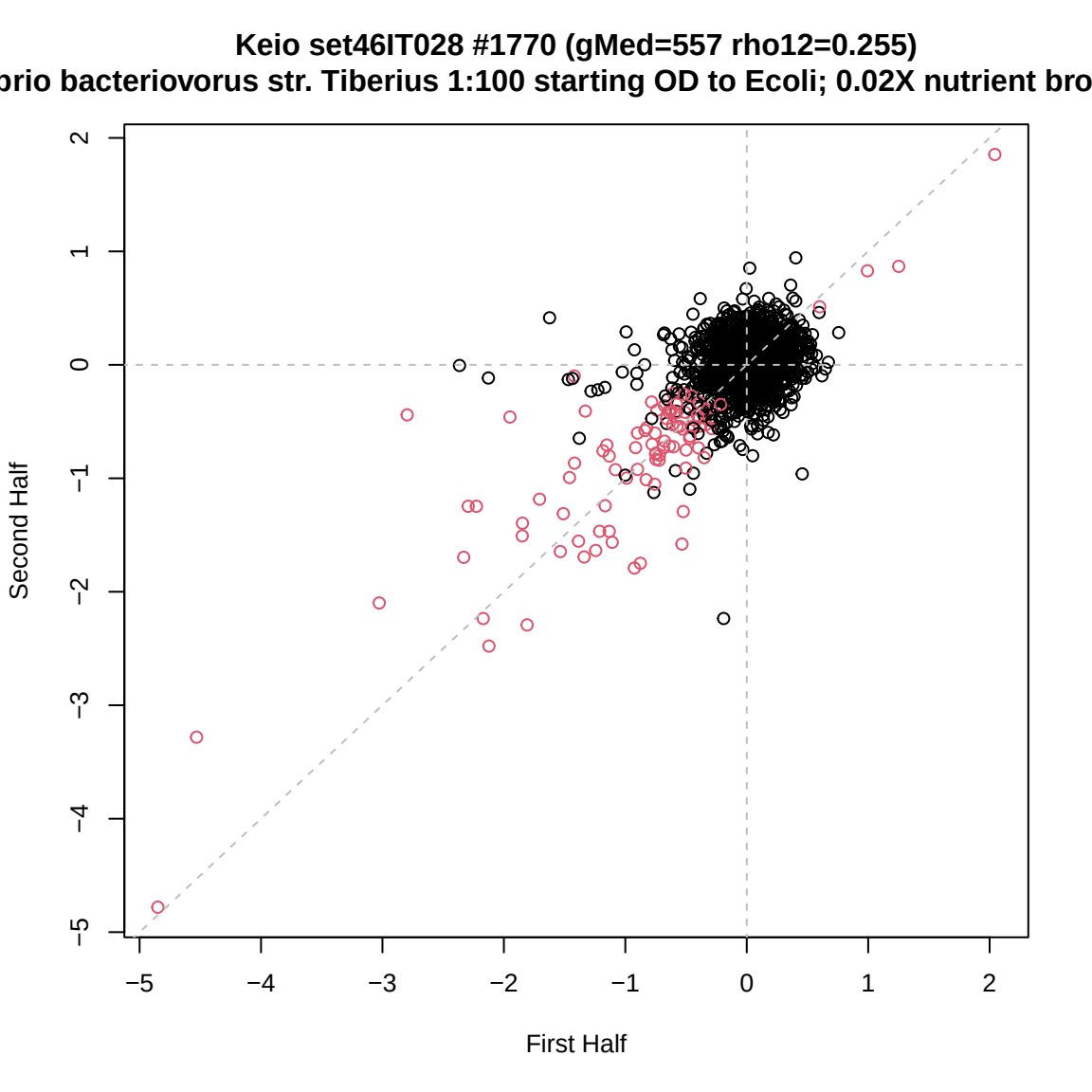

Keio set46IT023 #1765 (gMed=475 rho12=0.238)
ovibrio bacteriovorus HD100 1:10 starting OD to Ecoli; 0.02X nutrient broth;
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

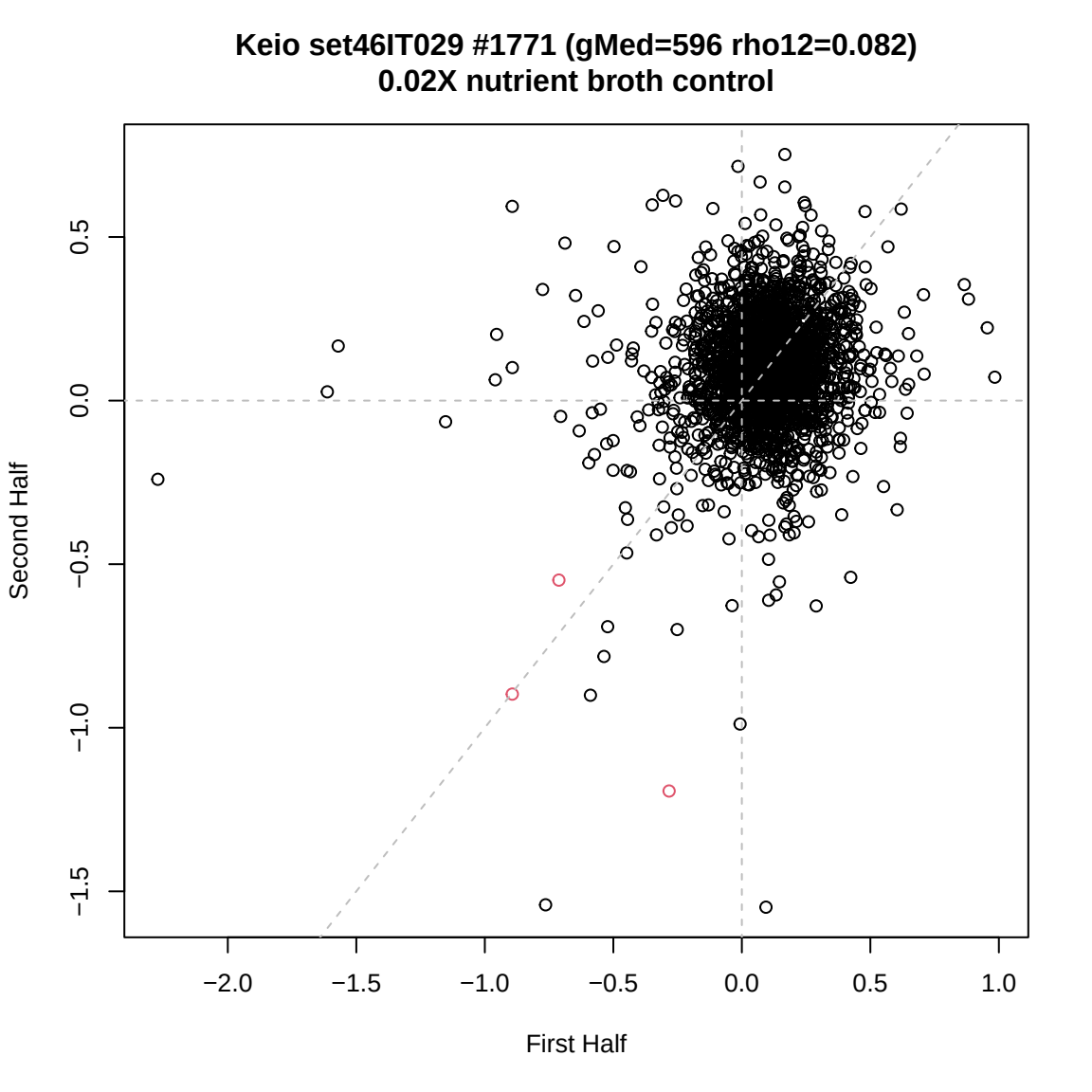

Keio set46IT024 #1766 (gMed=420 rho12=0.242)
ovibrio bacteriovorus HD100 1:100 starting OD to Ecoli; 0.02X nutrient broth;
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

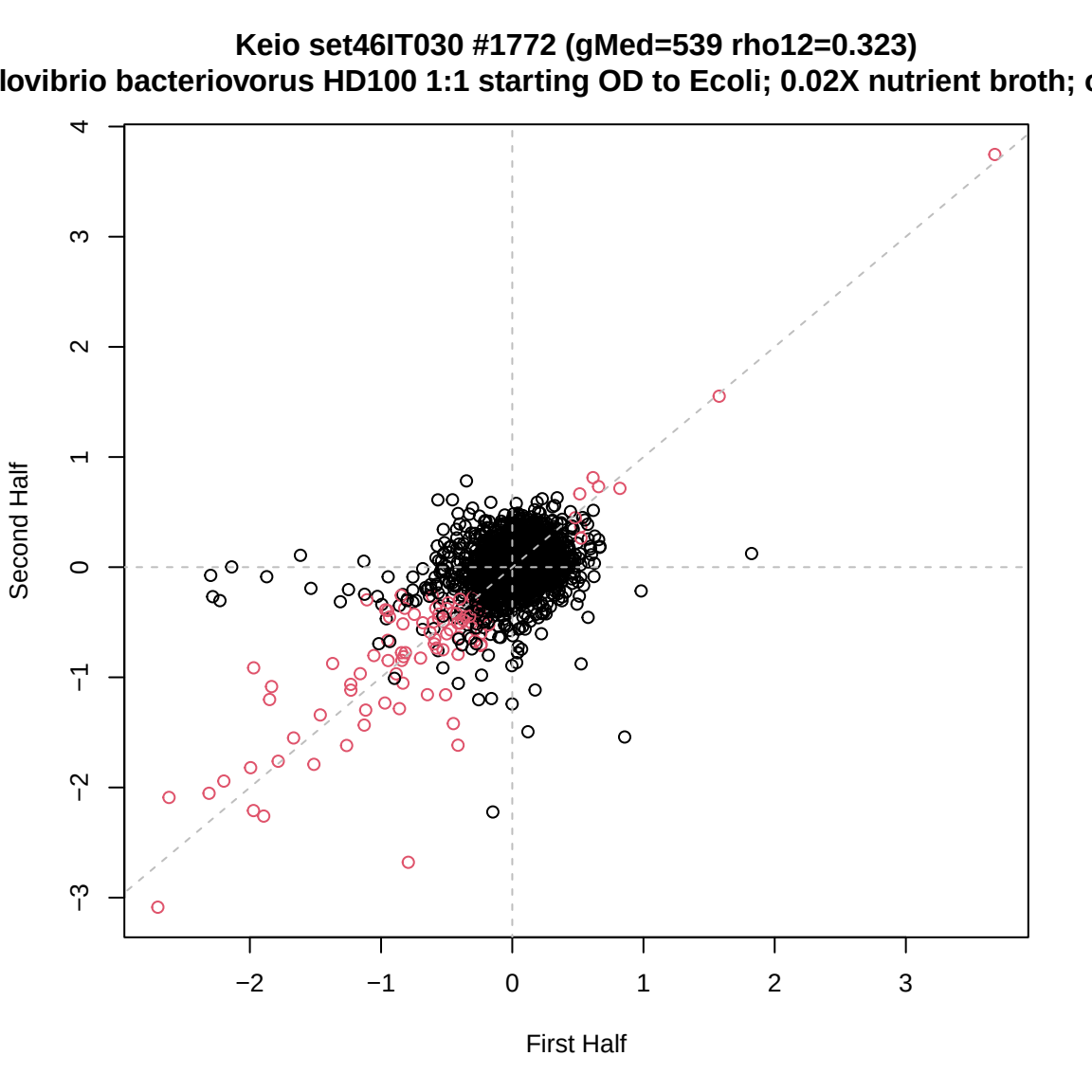

Keio set46IT025 #1767 (gMed=676 rho12=0.041)
0.02X nutrient broth control
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

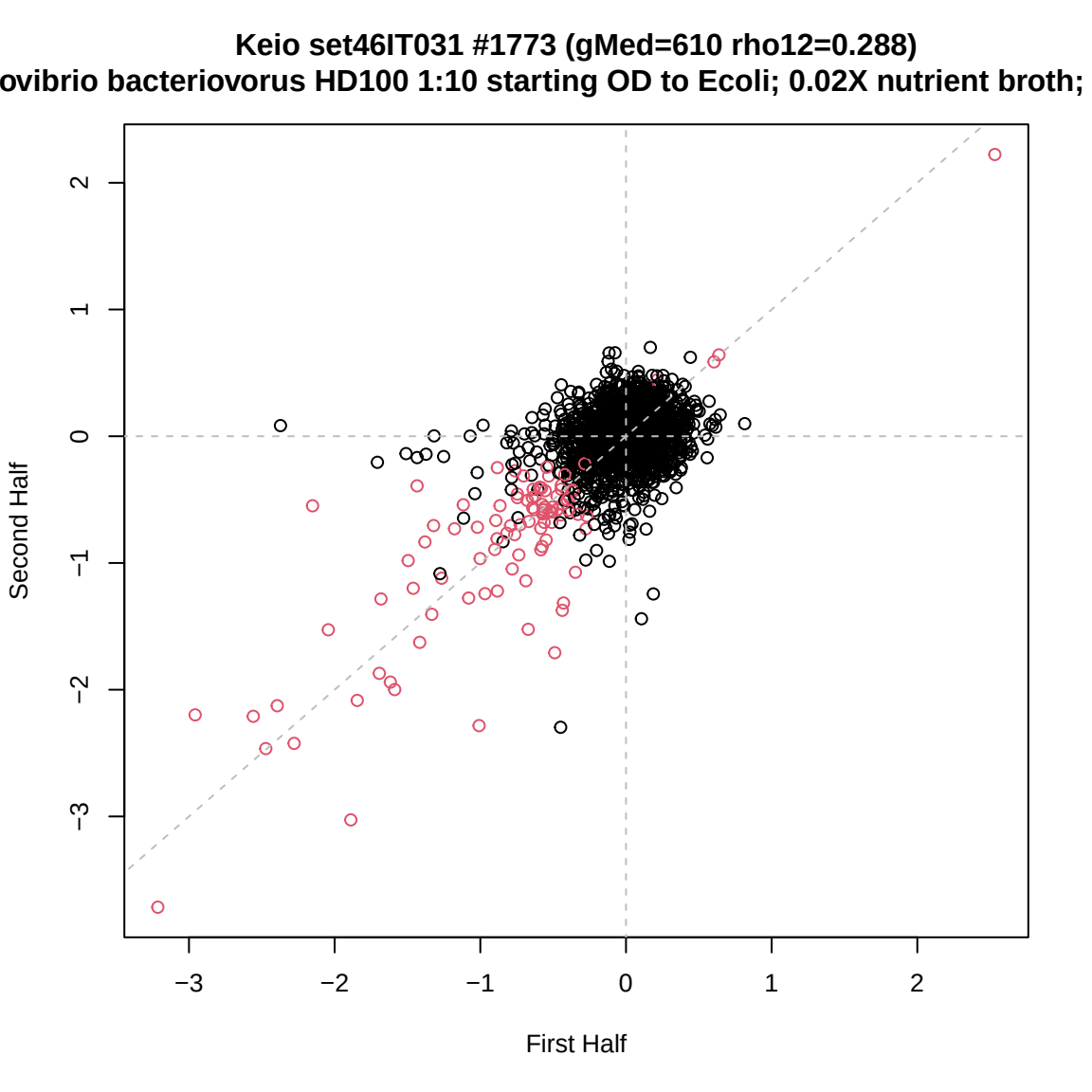

Keio set46IT026 #1768 (gMed=476 rho12=0.318)
vibrio bacteriovorus str. Tiberius 1:1 starting OD to Ecoli; 0.02X nutrient broth
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

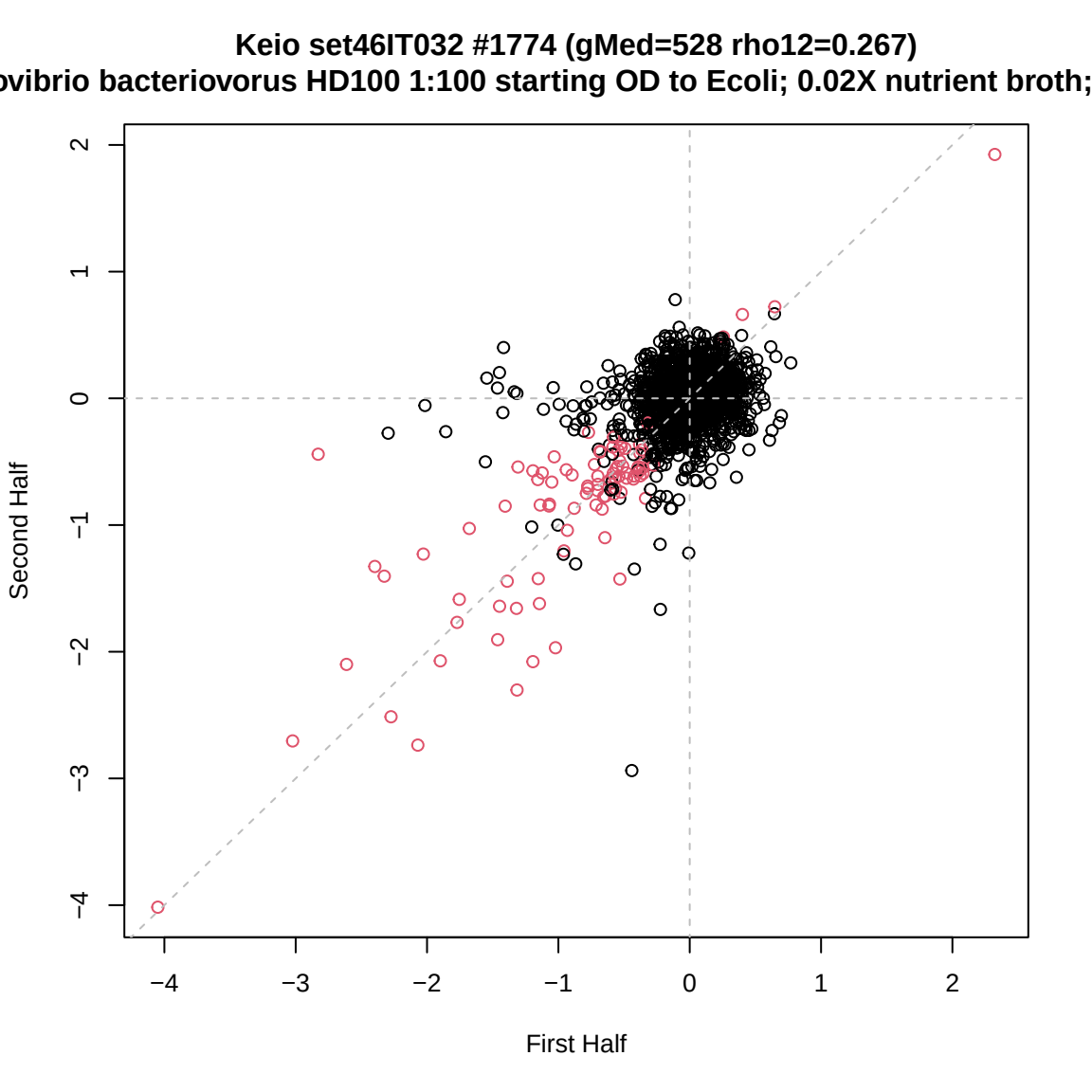

Keio set46IT027 #1769 (gMed=560 rho12=0.259)
brio bacteriovorus str. Tiberius 1:10 starting OD to Ecoli; 0.02X nutrient brot
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

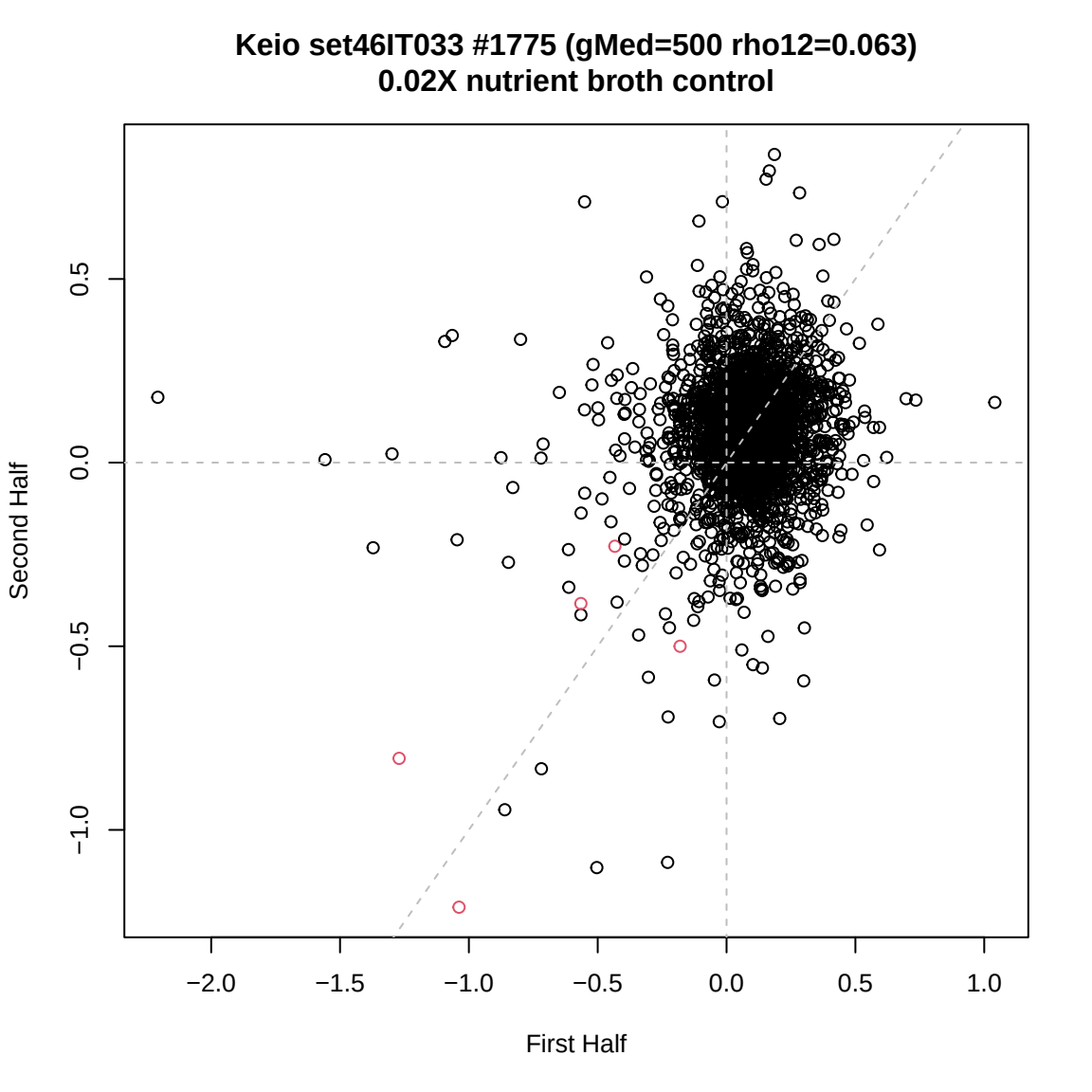

Keio set46IT028 #1770 (gMed=557 rho12=0.255)
brio bacteriovorus str. Tiberius 1:100 starting OD to Ecoli; 0.02X nutrient bro
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
2

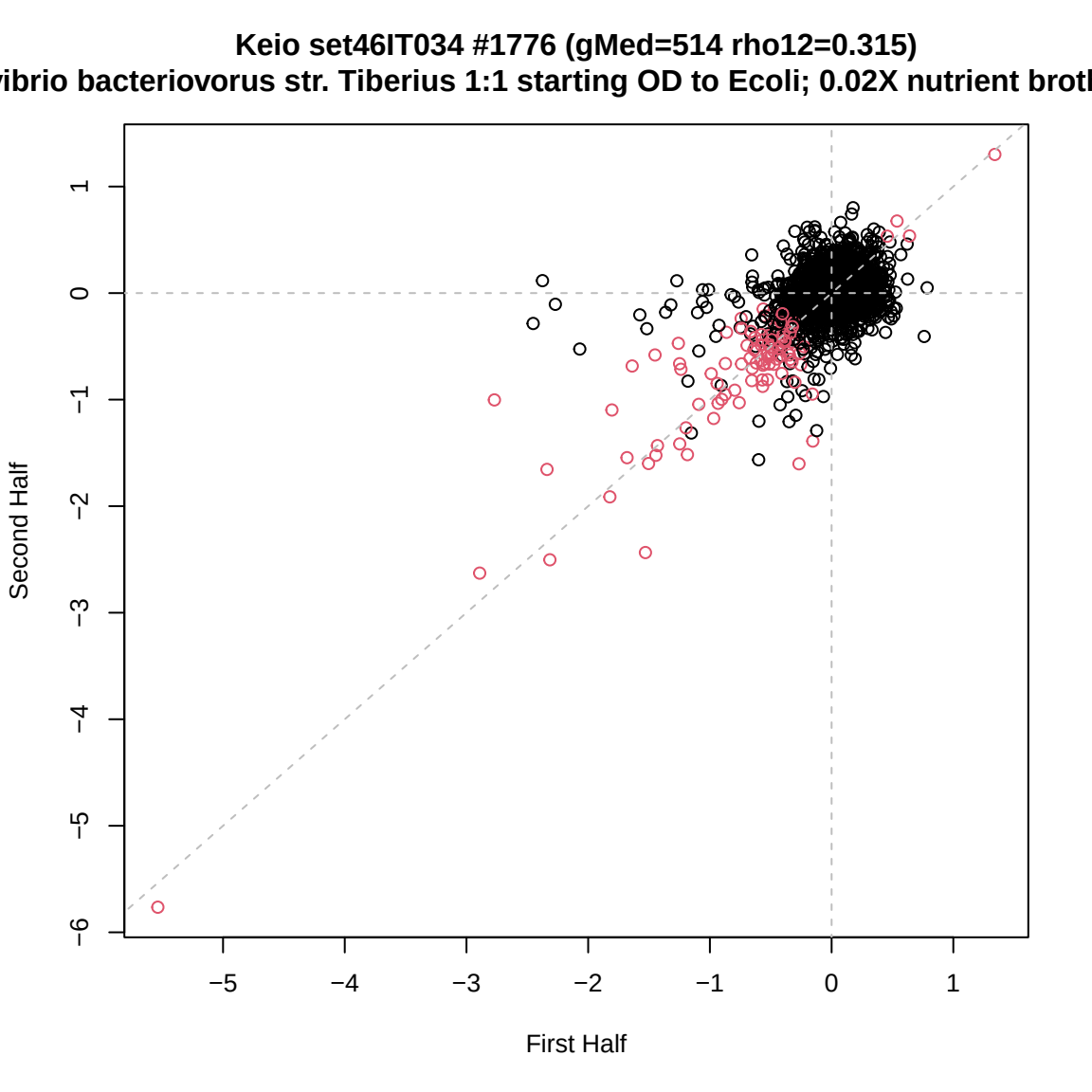

Keio set46IT029 #1771 (gMed=596 rho12=0.082)
0.02X nutrient broth control
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

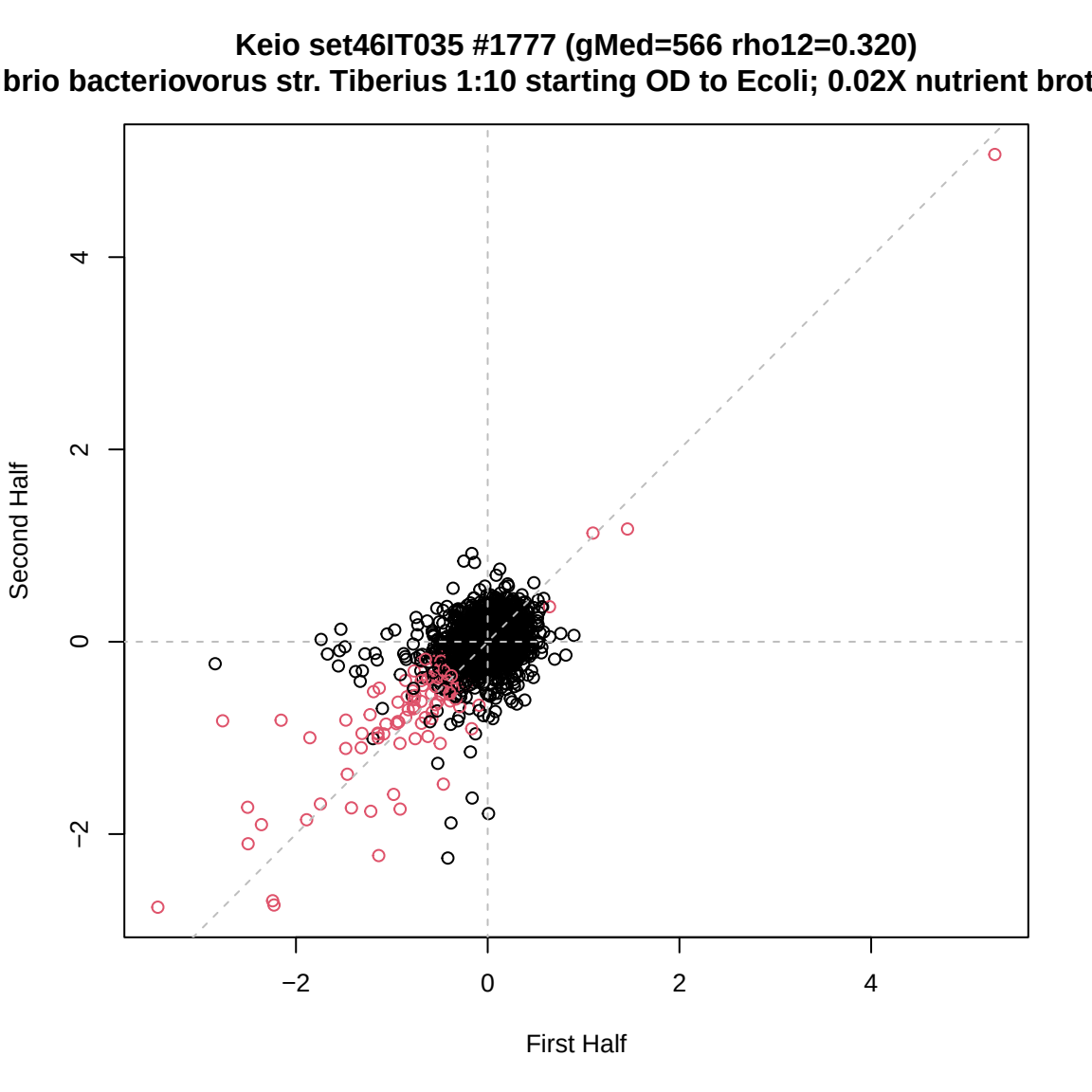

Keio set46IT030 #1772 (gMed=539 rho12=0.323)
lovibrio bacteriovorus HD100 1:1 starting OD to Ecoli; 0.02X nutrient broth; c
Second Half
First Half
4
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

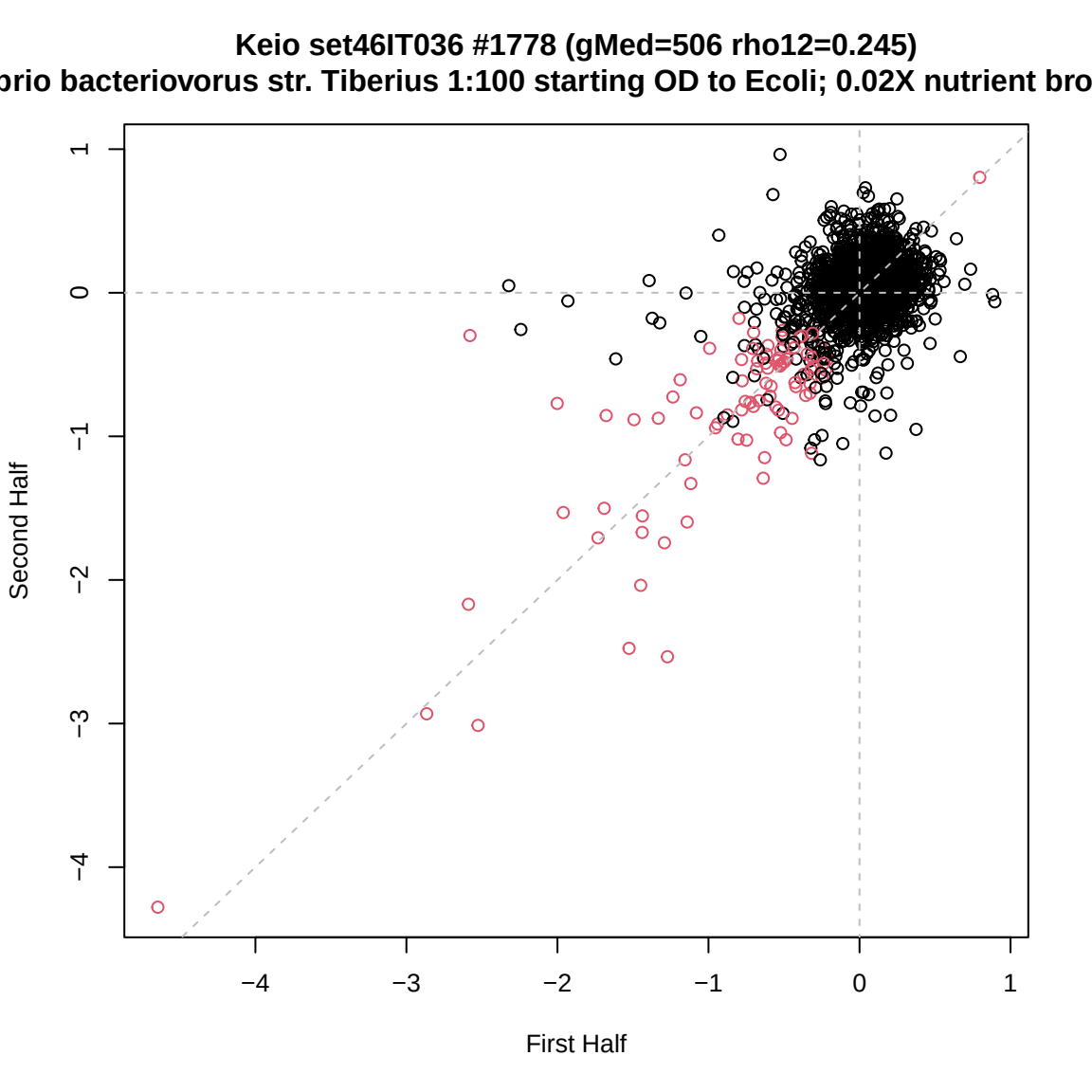

Keio set46IT031 #1773 (gMed=610 rho12=0.288)
ovibrio bacteriovorus HD100 1:10 starting OD to Ecoli; 0.02X nutrient broth;
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

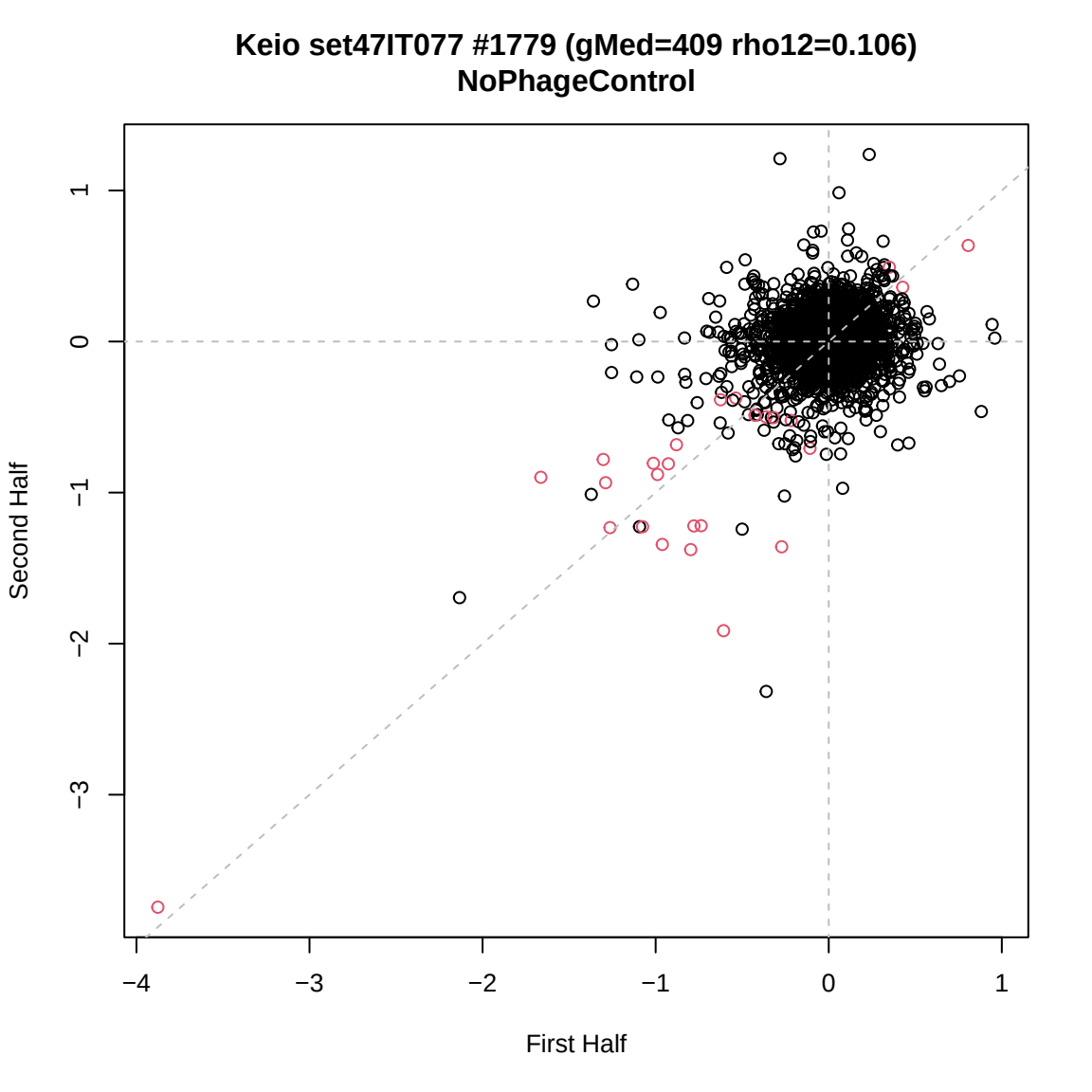

Keio set46IT032 #1774 (gMed=528 rho12=0.267)
ovibrio bacteriovorus HD100 1:100 starting OD to Ecoli; 0.02X nutrient broth;
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

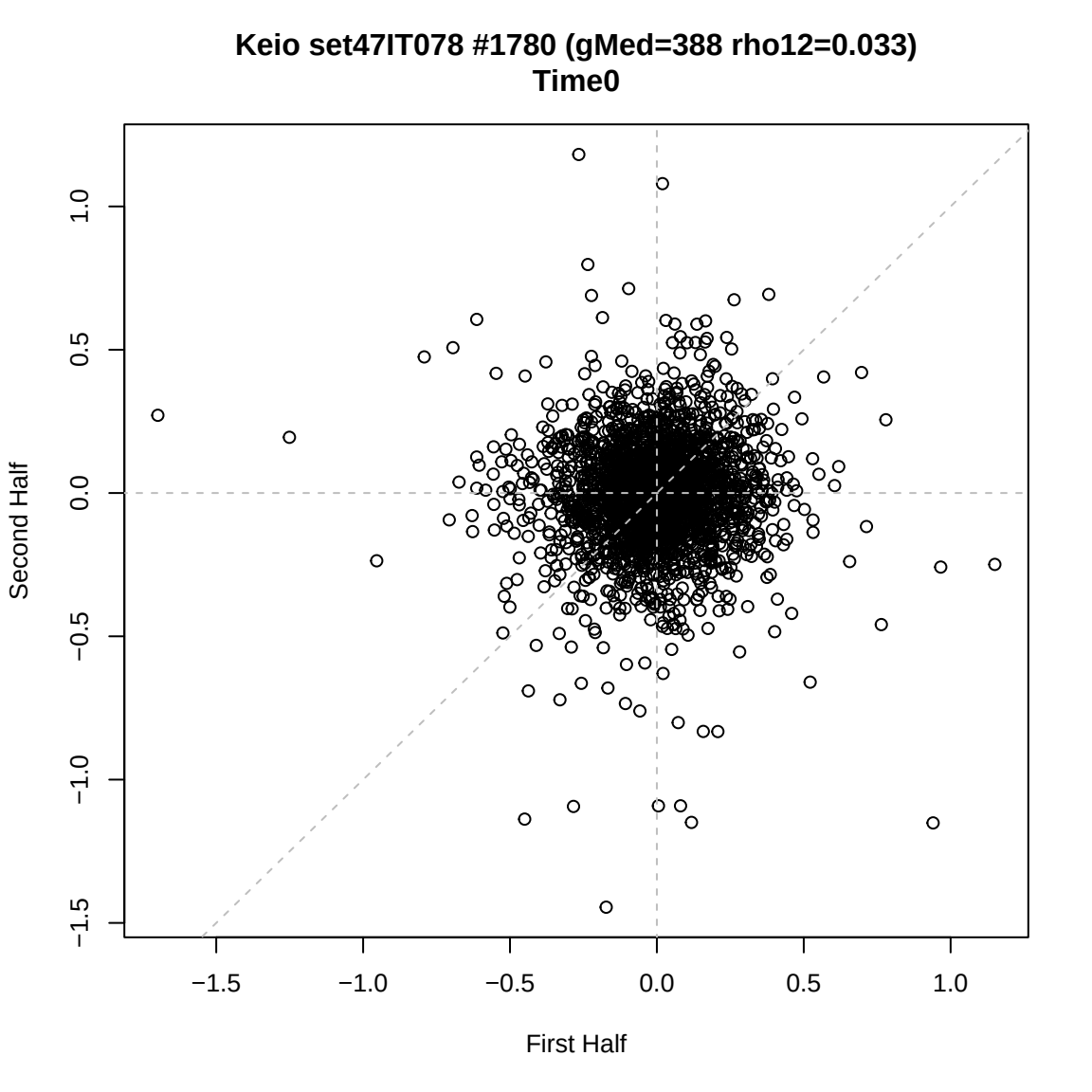

Keio set46IT033 #1775 (gMed=500 rho12=0.063)
0.02X nutrient broth control
Second Half
First Half
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

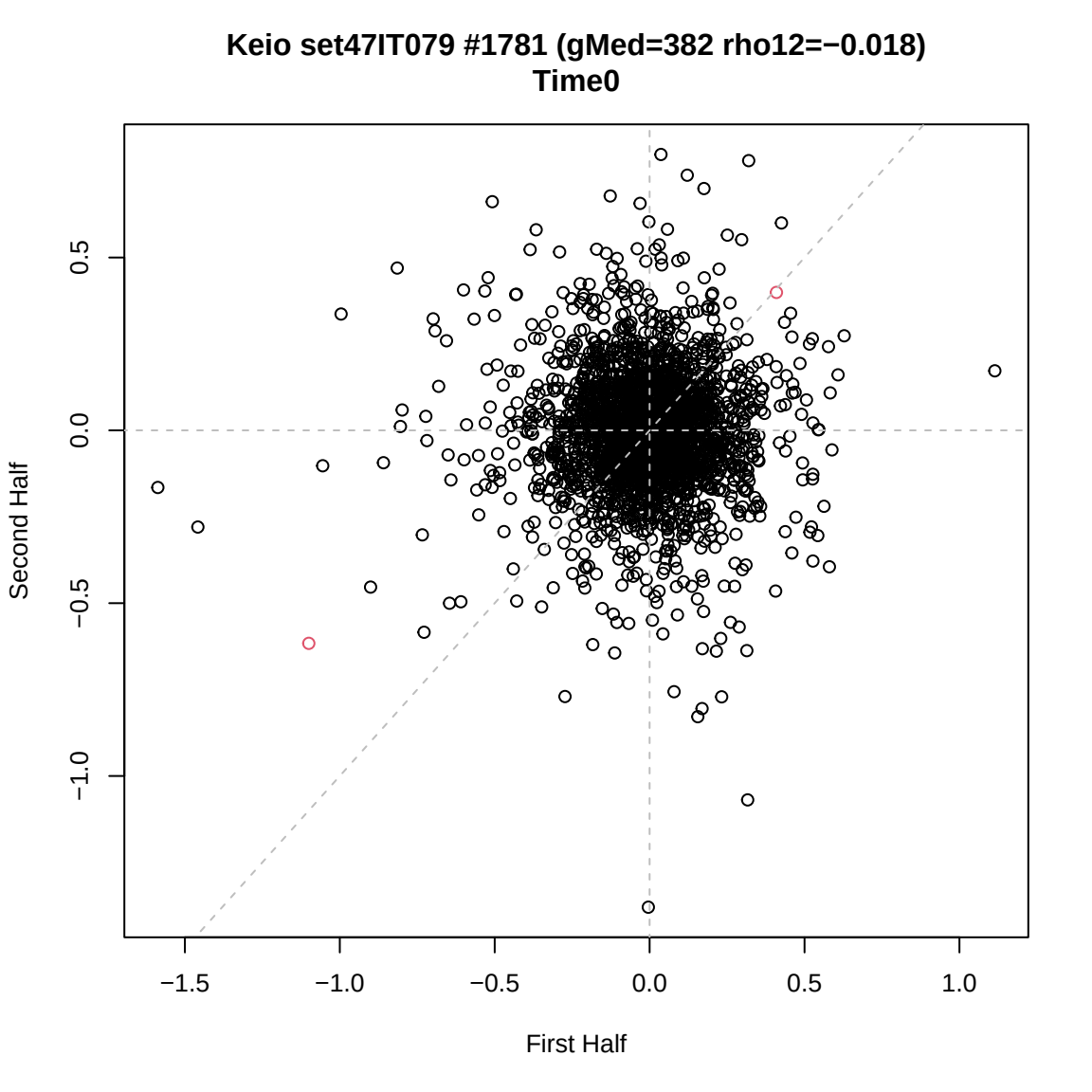

Keio set46IT034 #1776 (gMed=514 rho12=0.315)
vibrio bacteriovorus str. Tiberius 1:1 starting OD to Ecoli; 0.02X nutrient broth
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

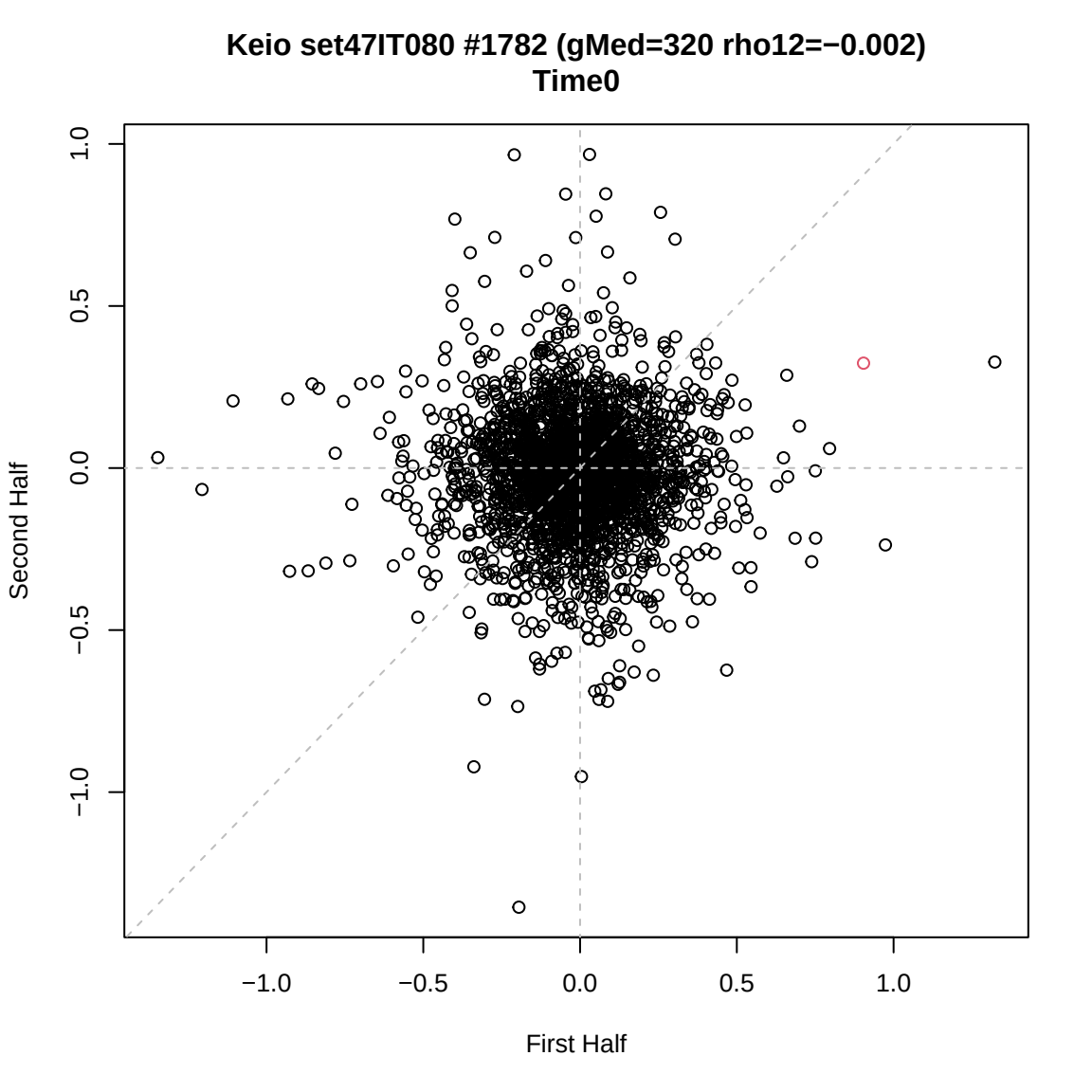

Keio set46IT035 #1777 (gMed=566 rho12=0.320)
brio bacteriovorus str. Tiberius 1:10 starting OD to Ecoli; 0.02X nutrient brot
Second Half
First Half
4
2
0
−2
−2
0
2
4

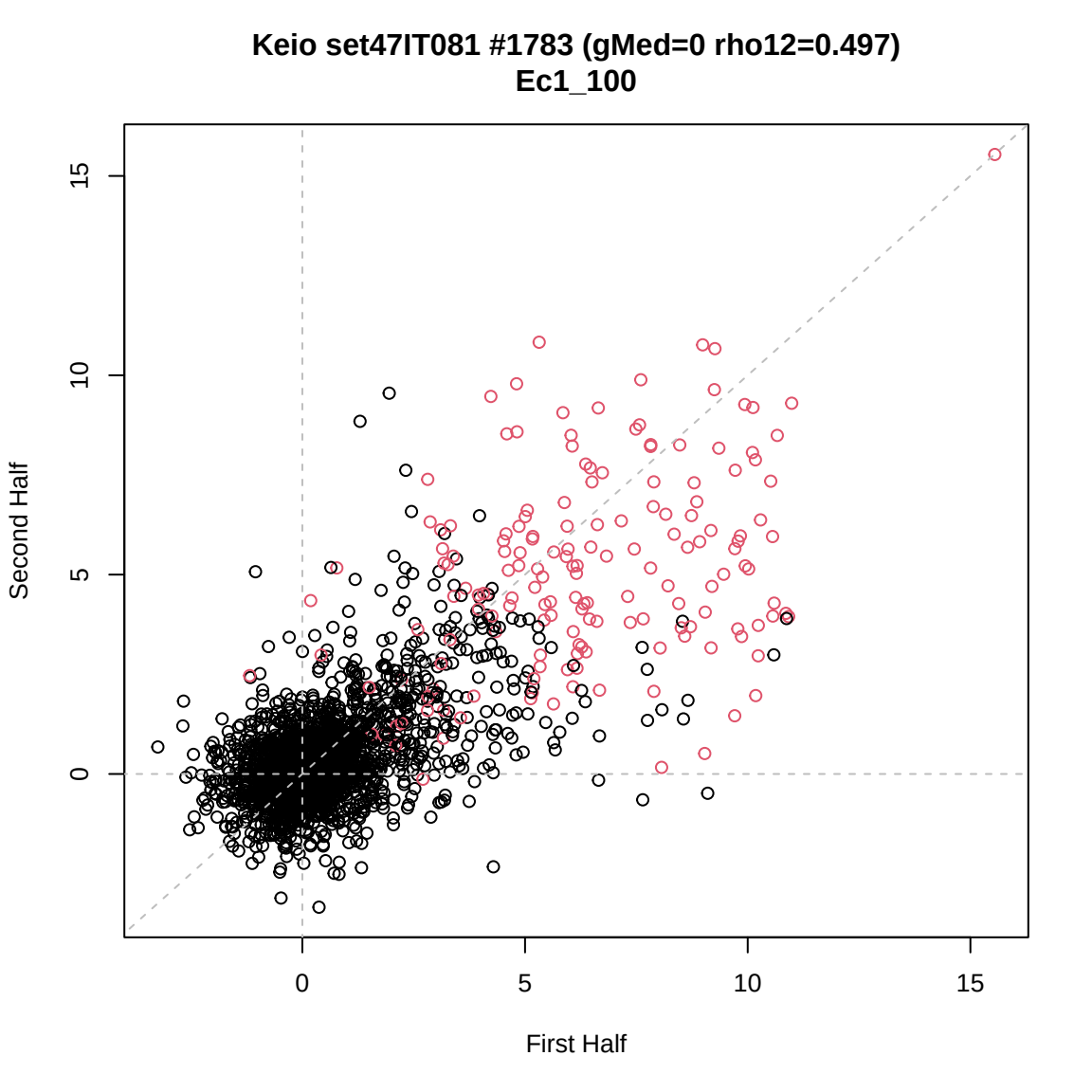

Keio set46IT036 #1778 (gMed=506 rho12=0.245)
brio bacteriovorus str. Tiberius 1:100 starting OD to Ecoli; 0.02X nutrient bro
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

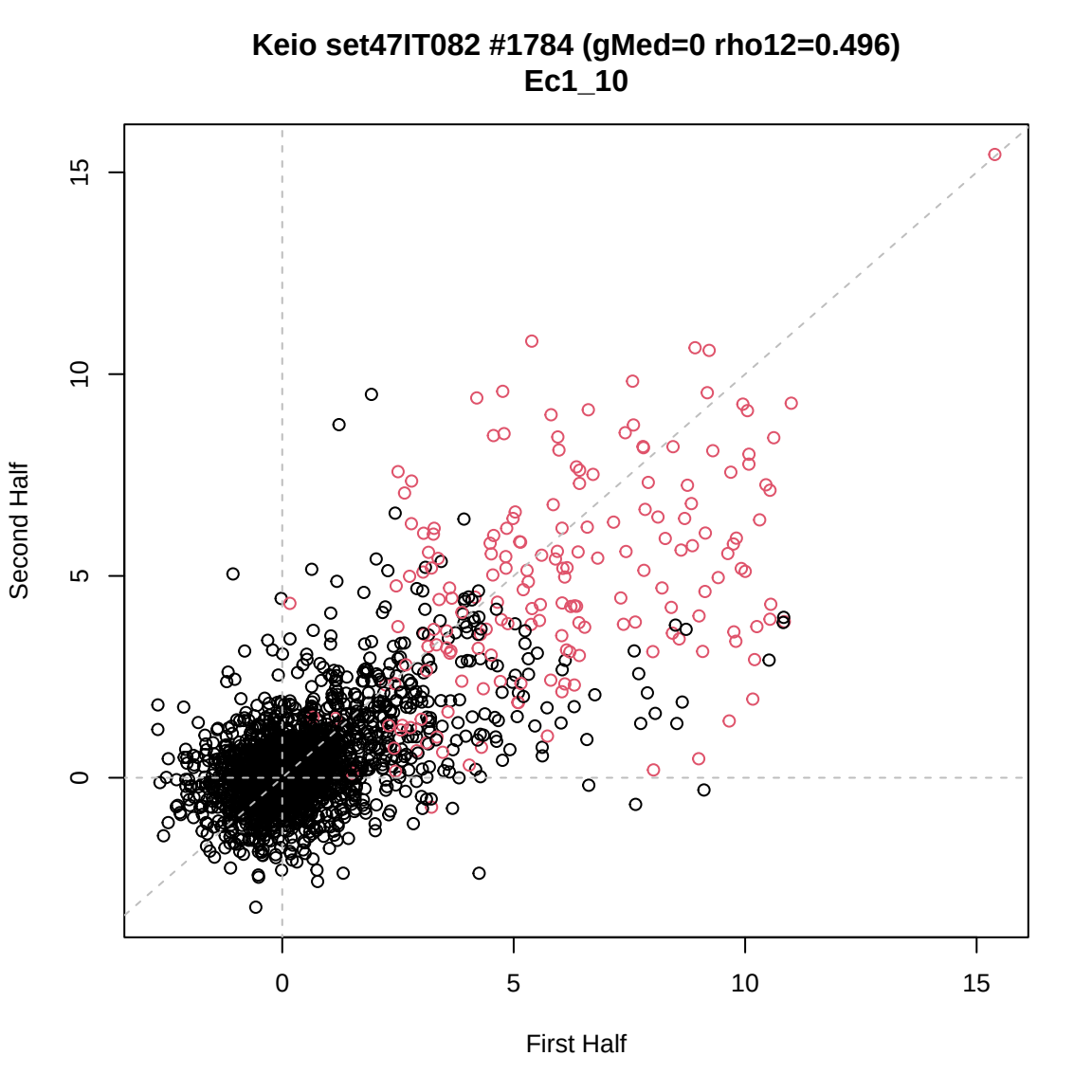

Keio set47IT077 #1779 (gMed=409 rho12=0.106)
NoPhageControl
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

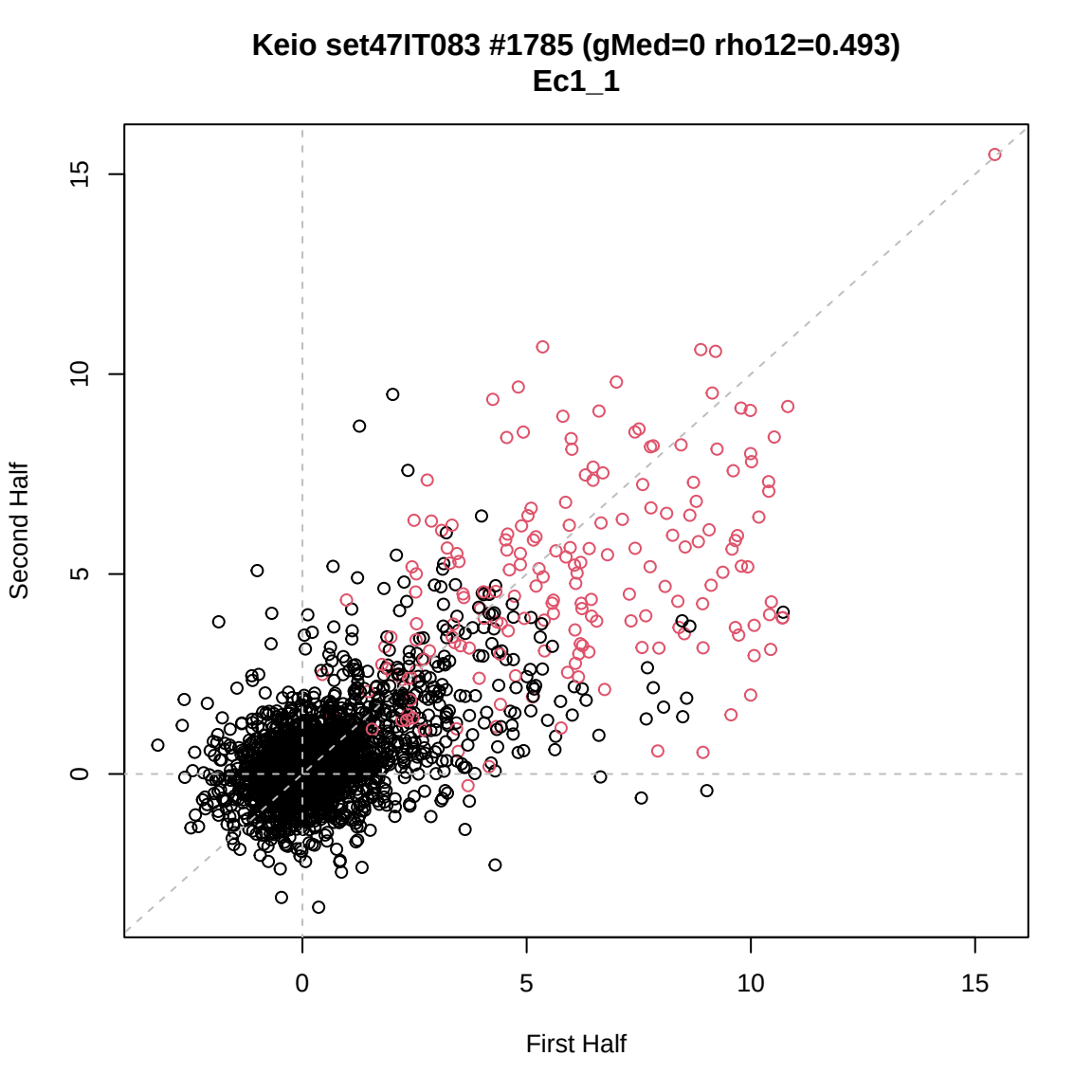

Keio set47IT078 #1780 (gMed=388 rho12=0.033)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

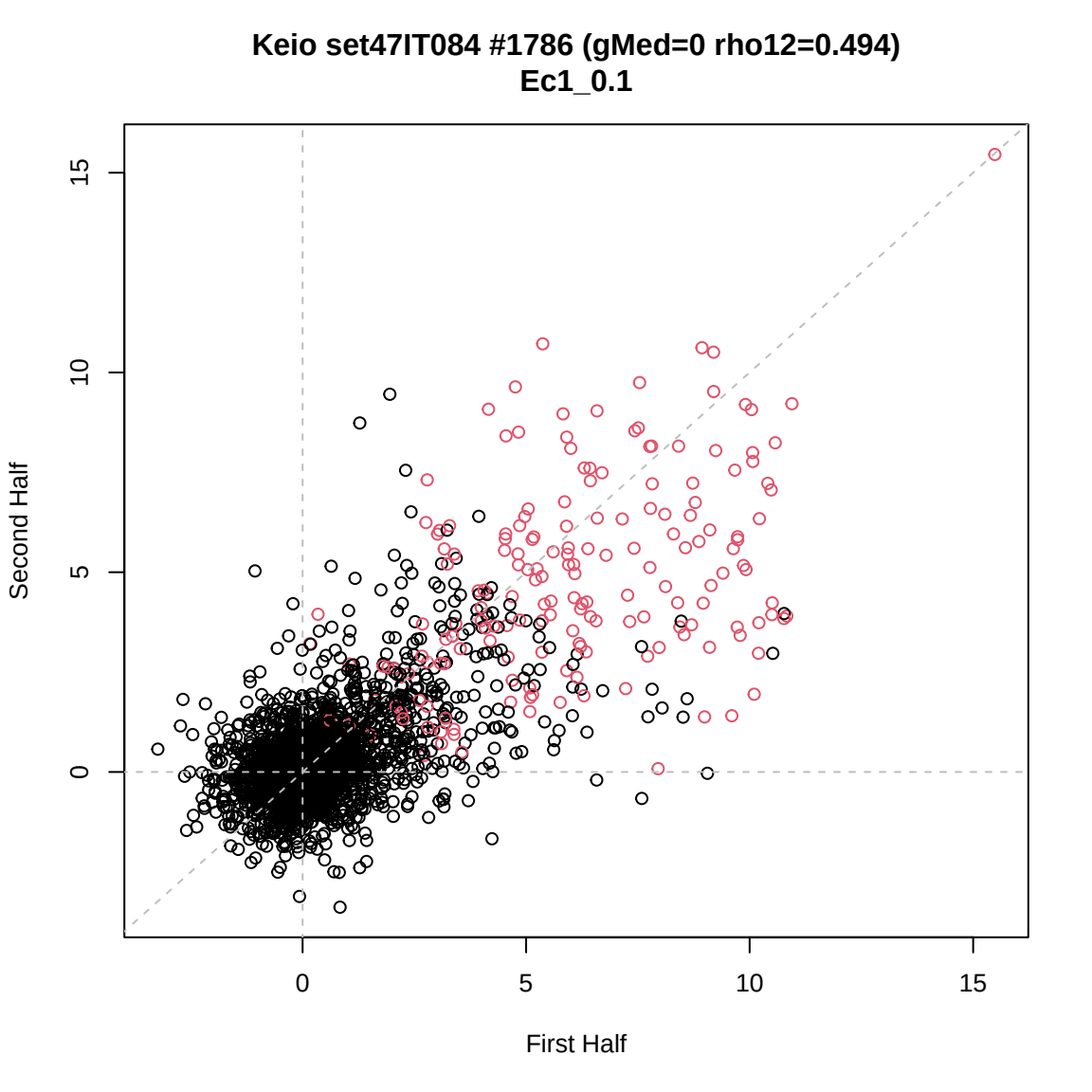

Keio set47IT079 #1781 (gMed=382 rho12=−0.018)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

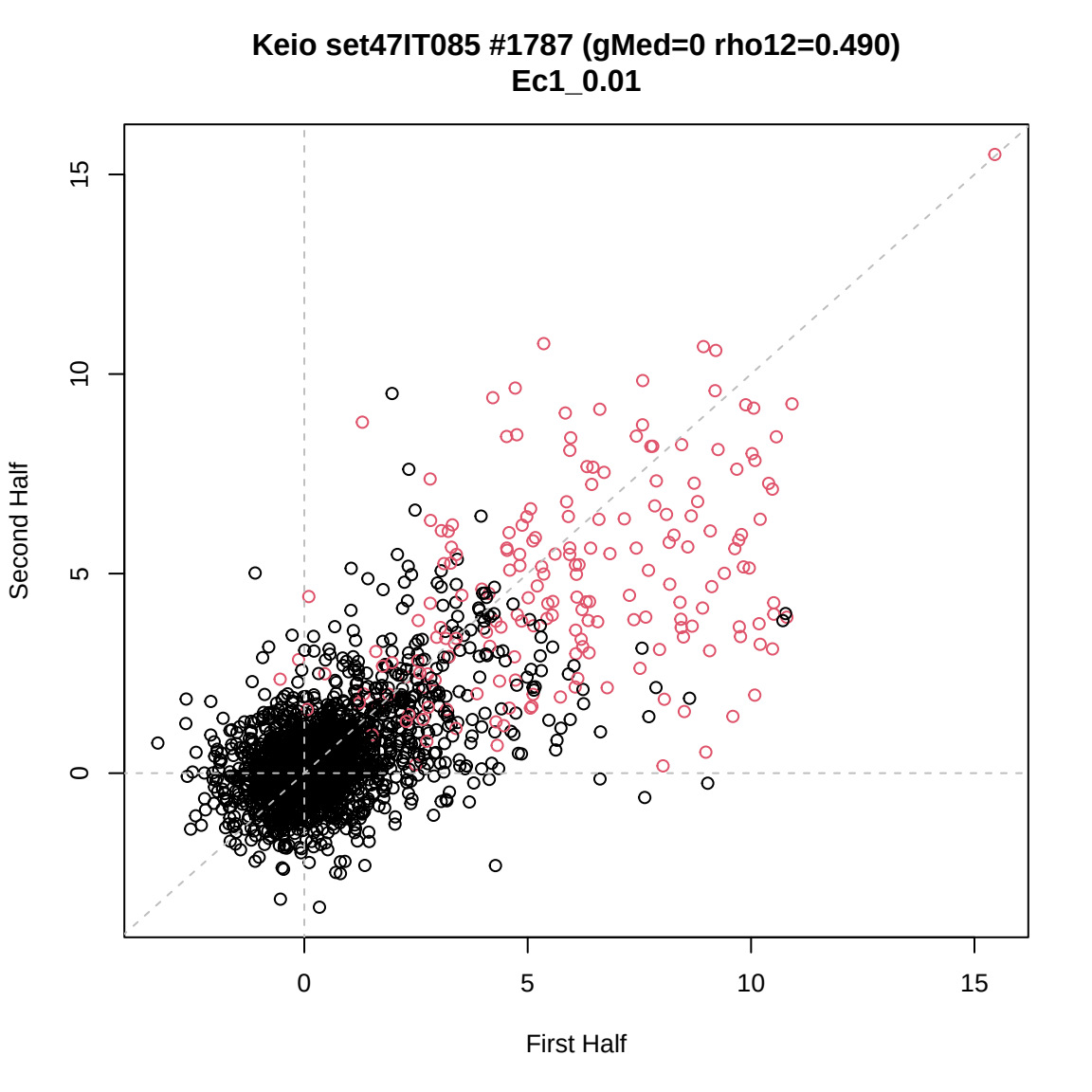

Keio set47IT080 #1782 (gMed=320 rho12=−0.002)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

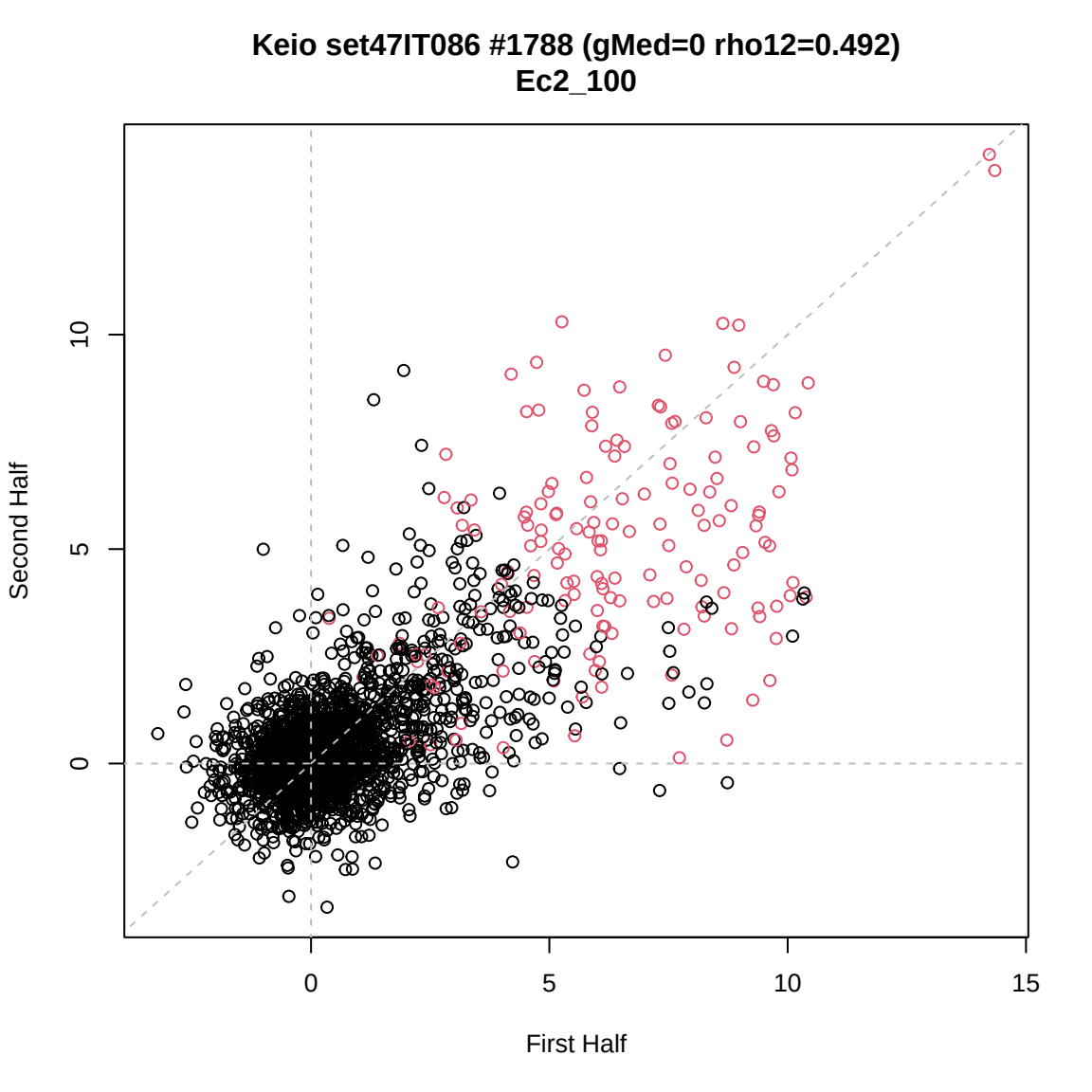

Keio set47IT081 #1783 (gMed=0 rho12=0.497)
Ec1_100
Second Half
First Half
0
5
10
15

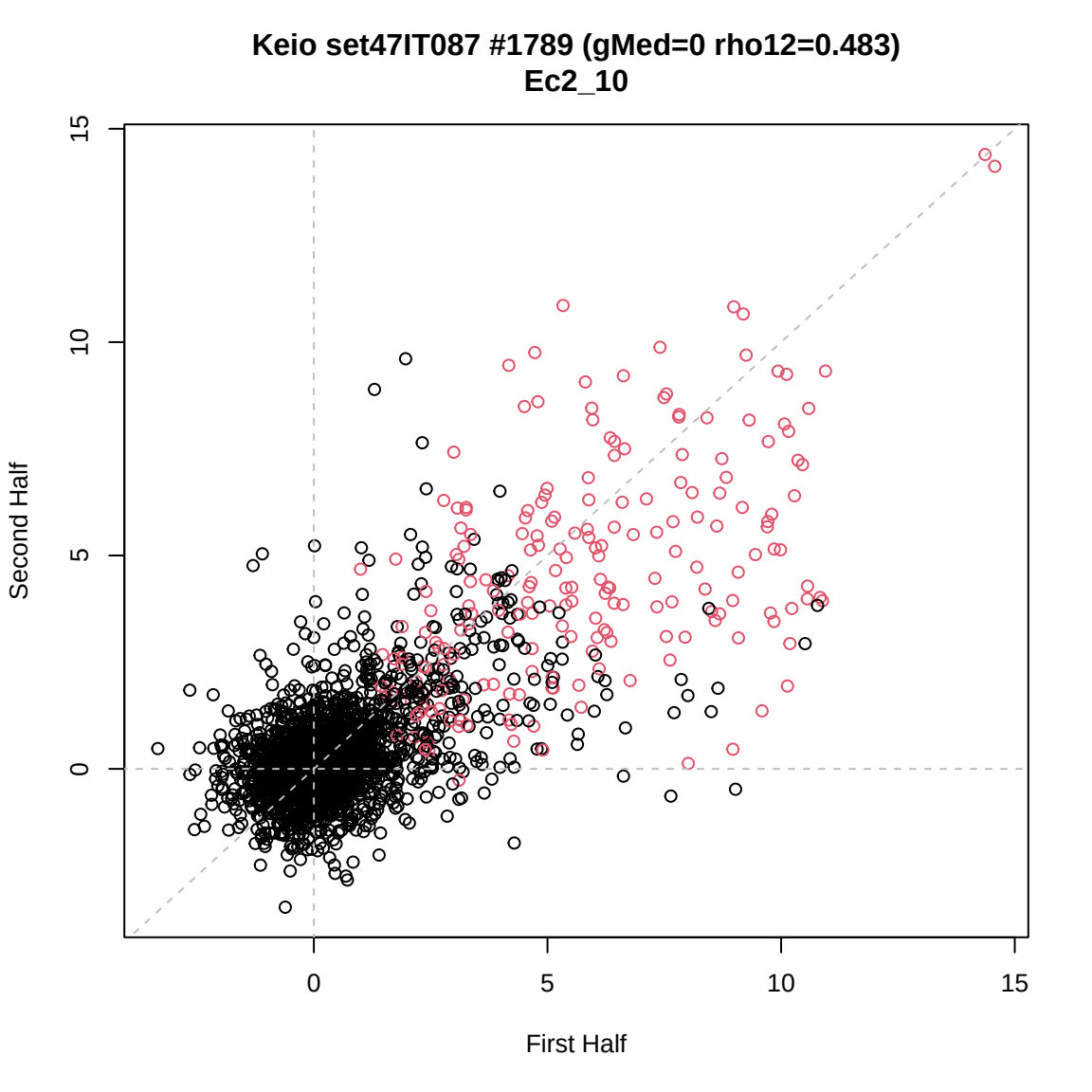

Keio set47IT082 #1784 (gMed=0 rho12=0.496)
Ec1_10
Second Half
First Half
0
5
10
15

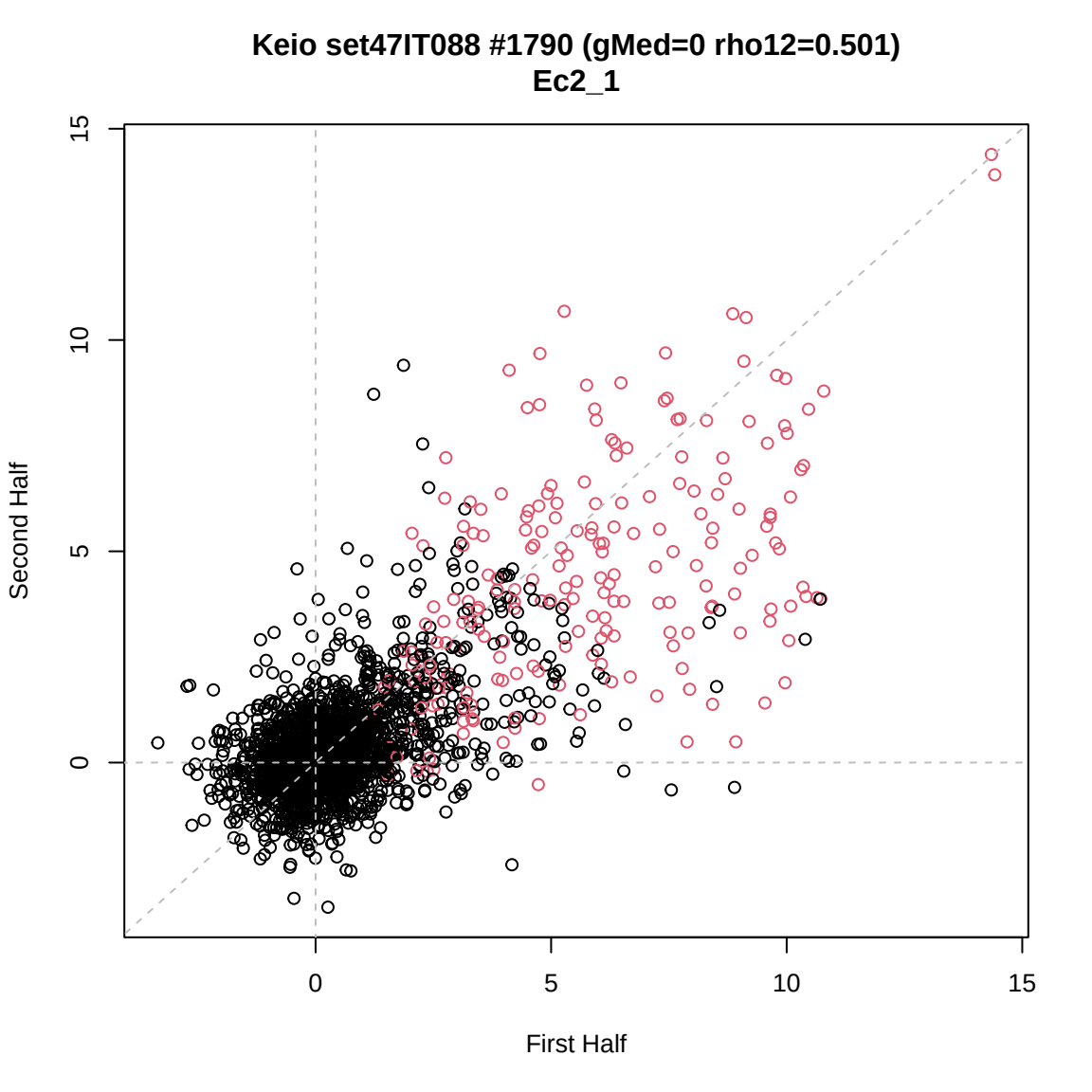

Keio set47IT083 #1785 (gMed=0 rho12=0.493)
Ec1_1
Second Half
First Half
0
5
10
15

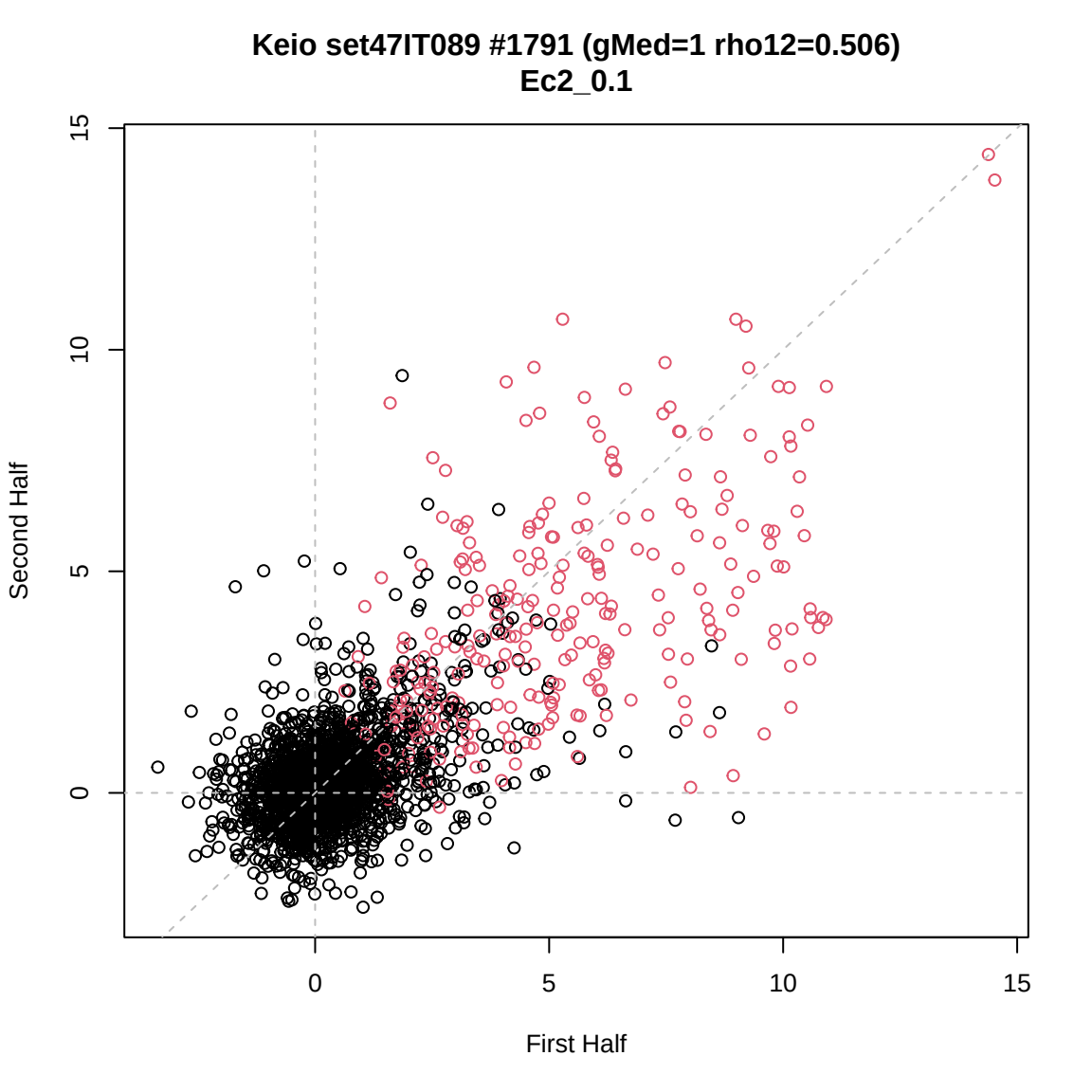

Keio set47IT084 #1786 (gMed=0 rho12=0.494)
Ec1_0.1
Second Half
First Half
0
5
10
15

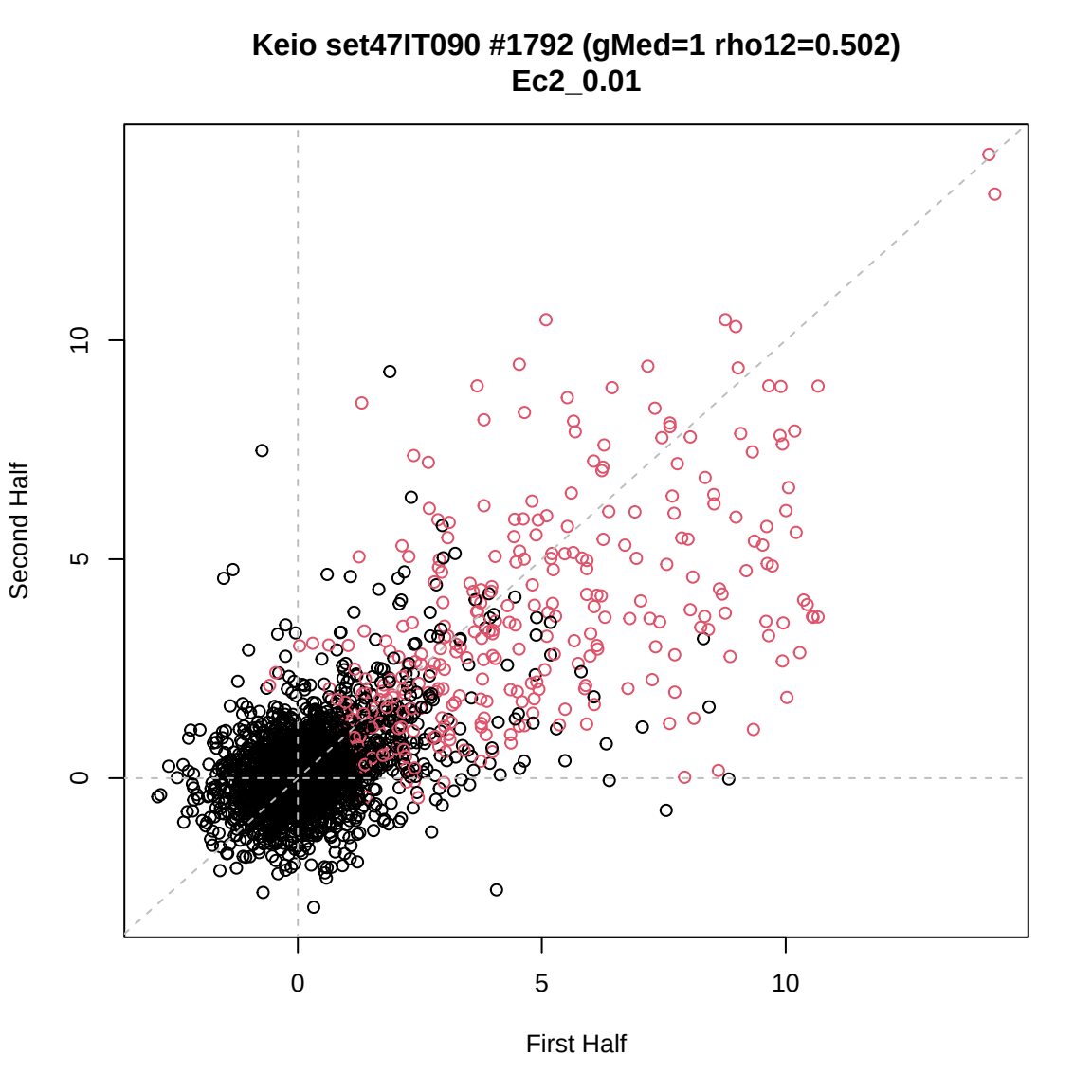

Keio set47IT085 #1787 (gMed=0 rho12=0.490)
Ec1_0.01
Second Half
First Half
0
5
10
15

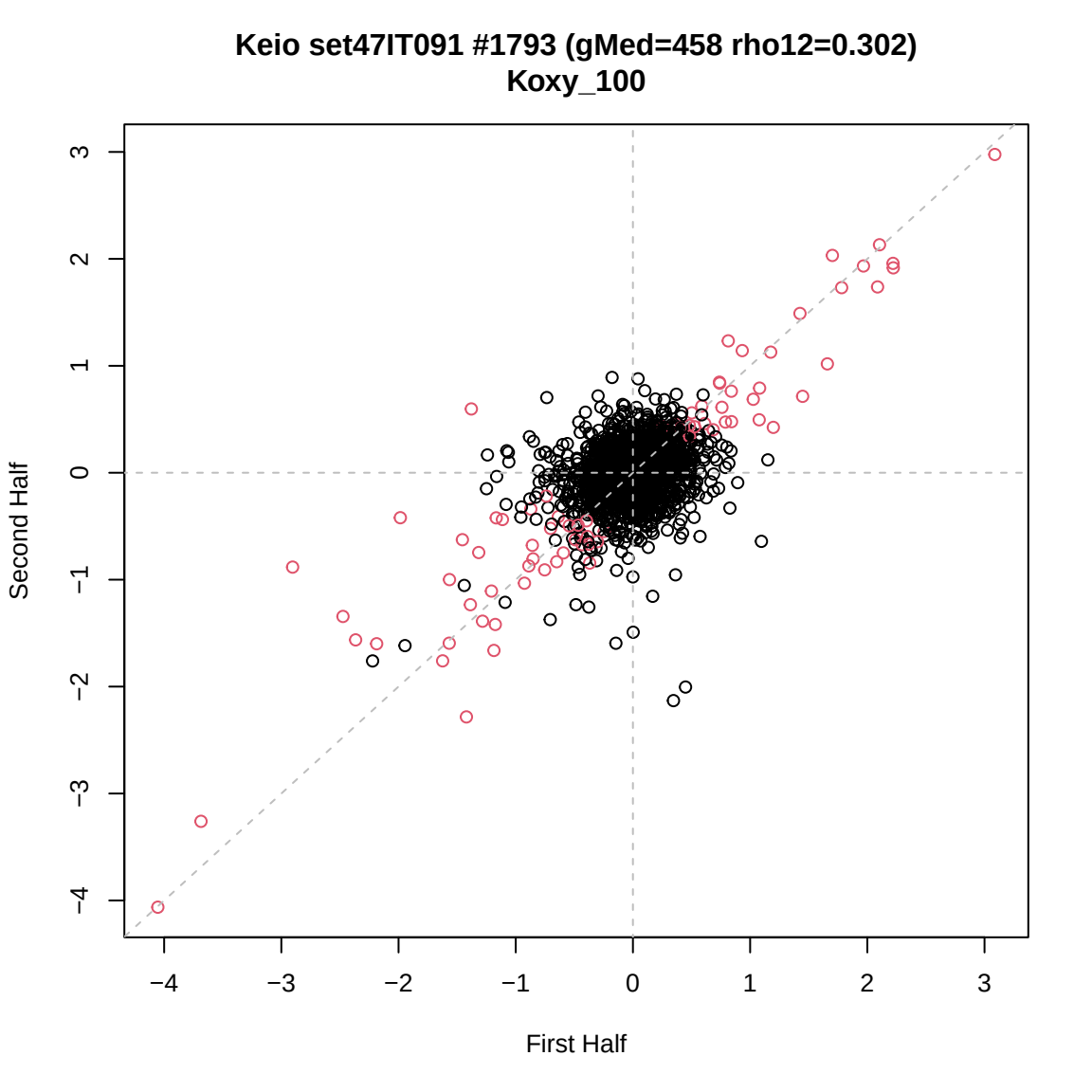

Keio set47IT086 #1788 (gMed=0 rho12=0.492)
Ec2_100
Second Half
First Half
0
5
10
15
0
5
10

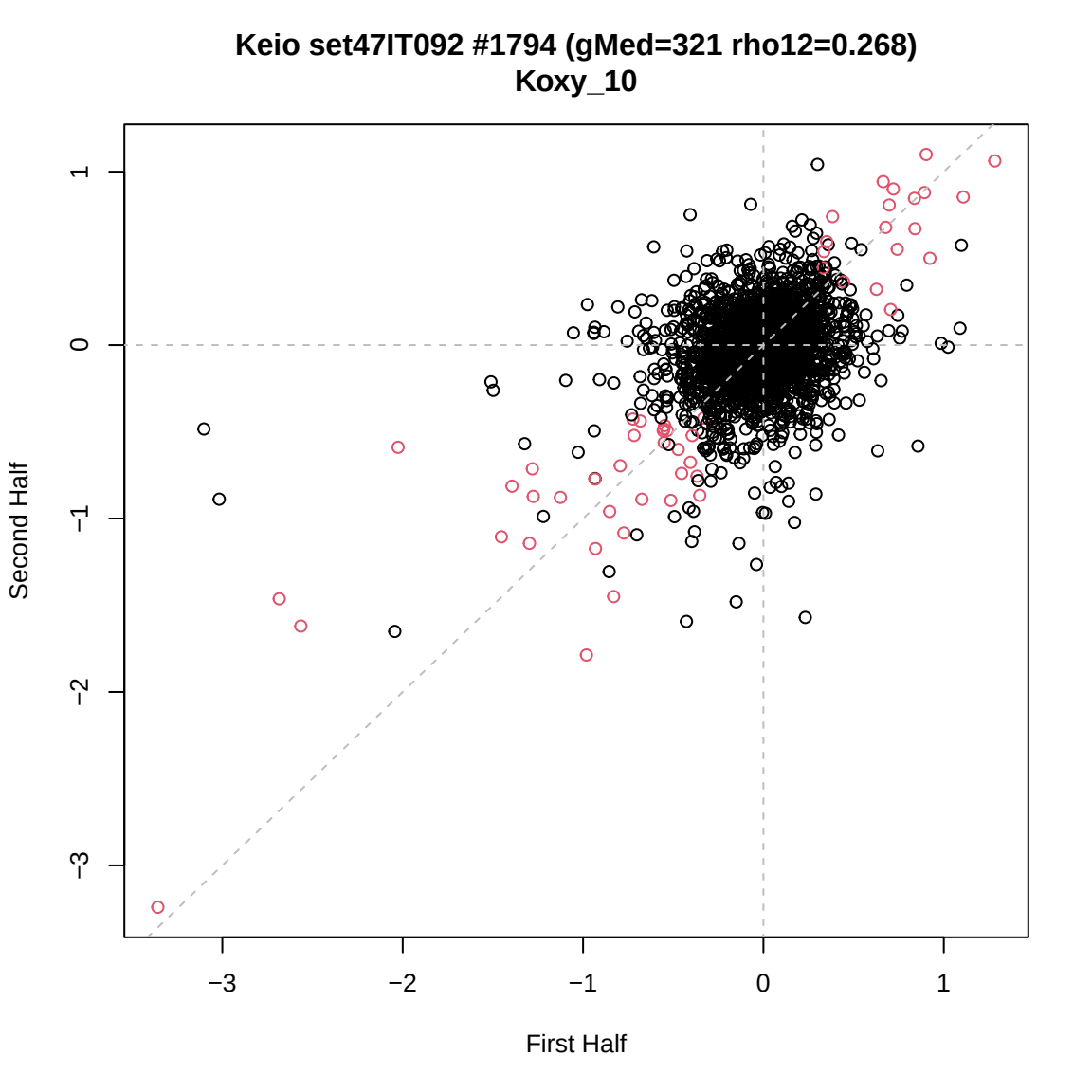

Keio set47IT087 #1789 (gMed=0 rho12=0.483)
Ec2_10
Second Half
First Half
0
5
10
15

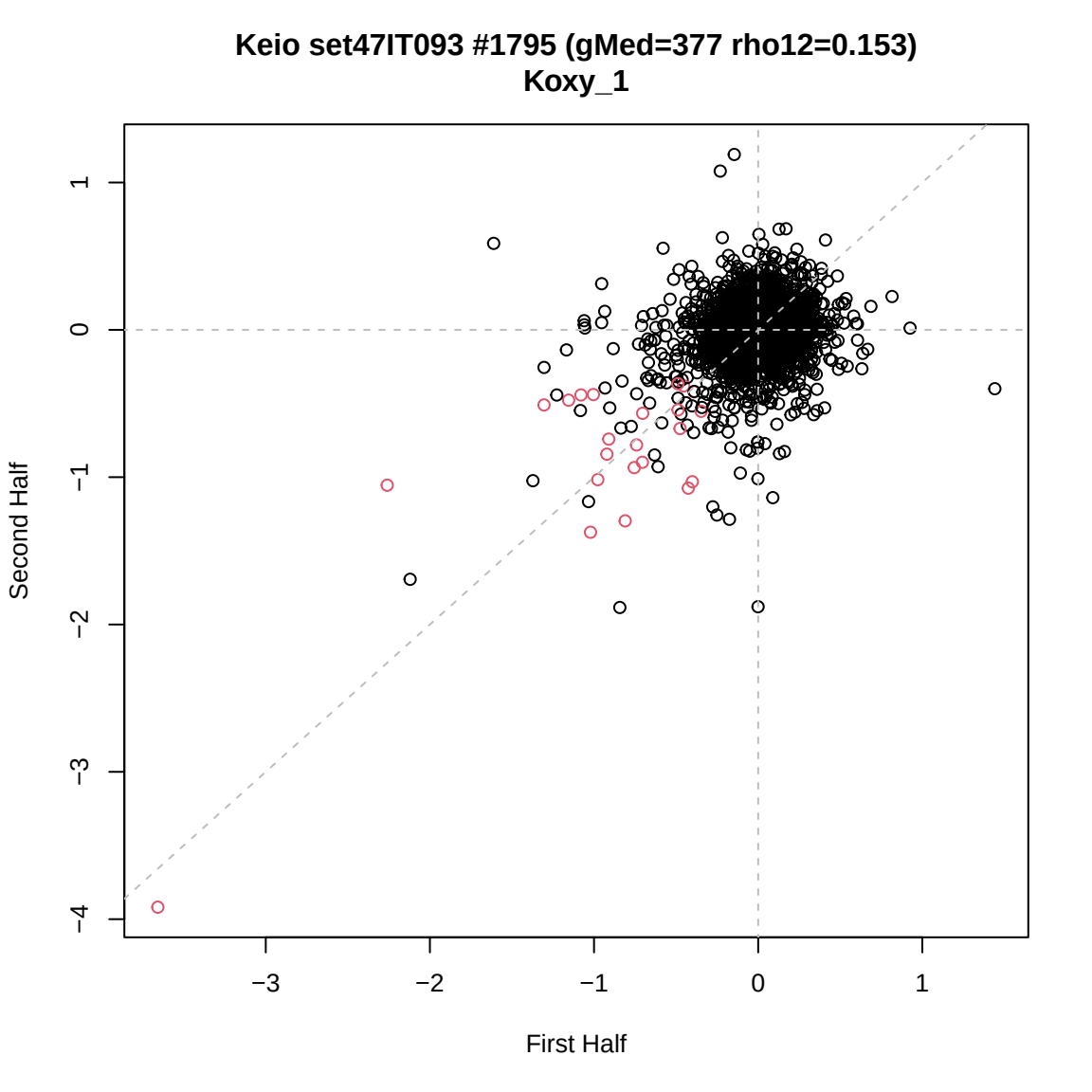

Keio set47IT088 #1790 (gMed=0 rho12=0.501)
Ec2_1
Second Half
First Half
0
5
10
15

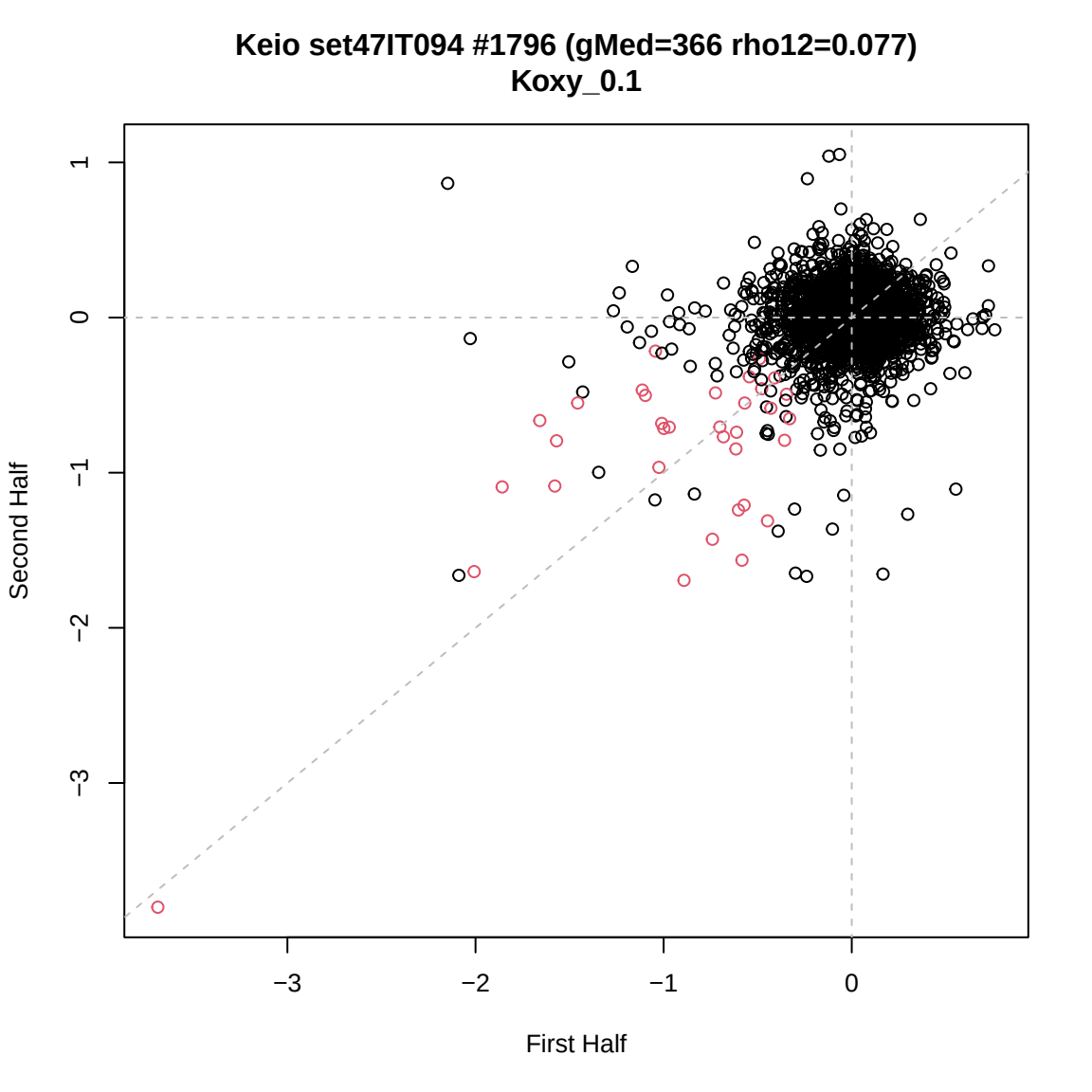

Keio set47IT089 #1791 (gMed=1 rho12=0.506)
Ec2_0.1
Second Half
First Half
0
5
10
15

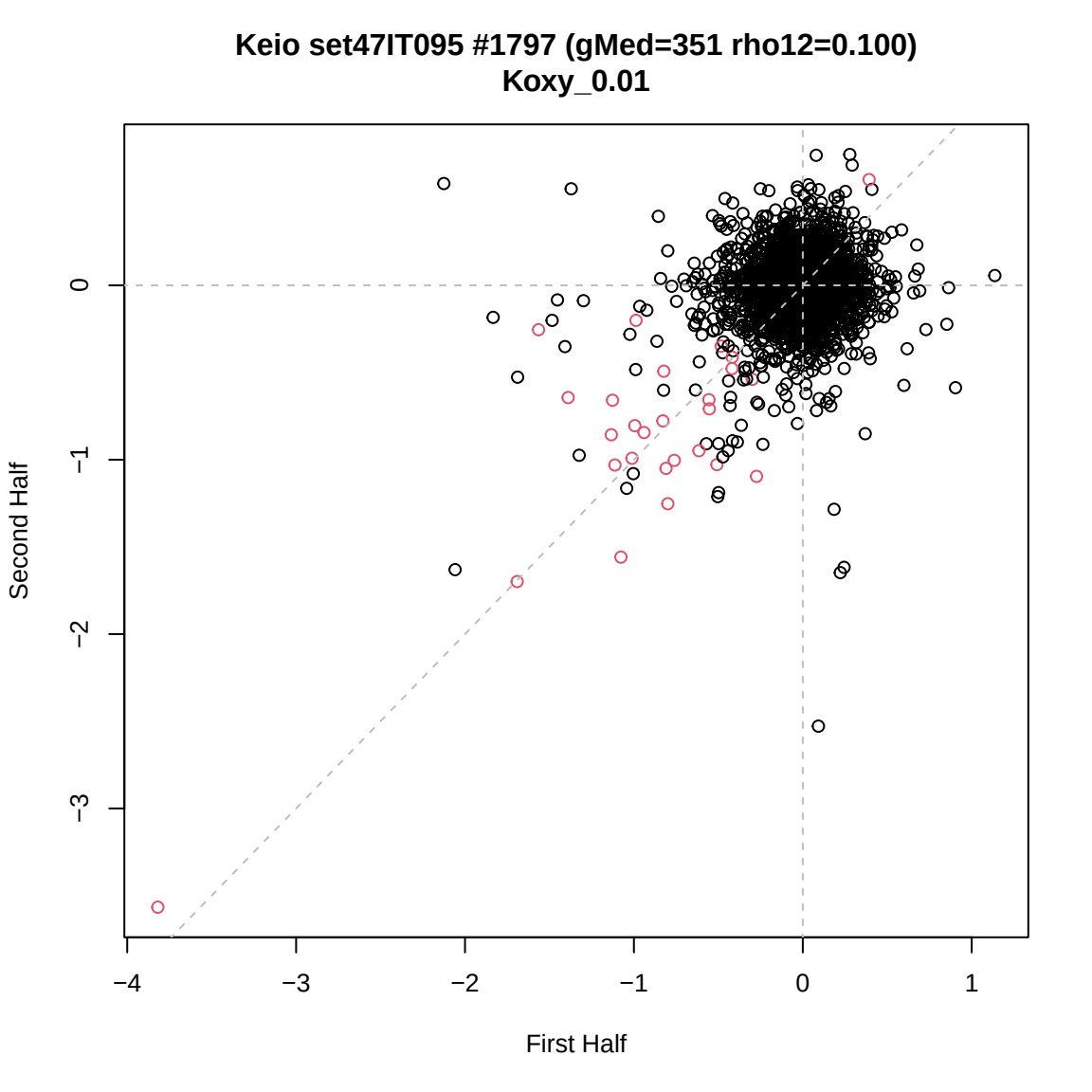

Keio set47IT090 #1792 (gMed=1 rho12=0.502)
Ec2_0.01
Second Half
First Half
0
5
10
0
5
10

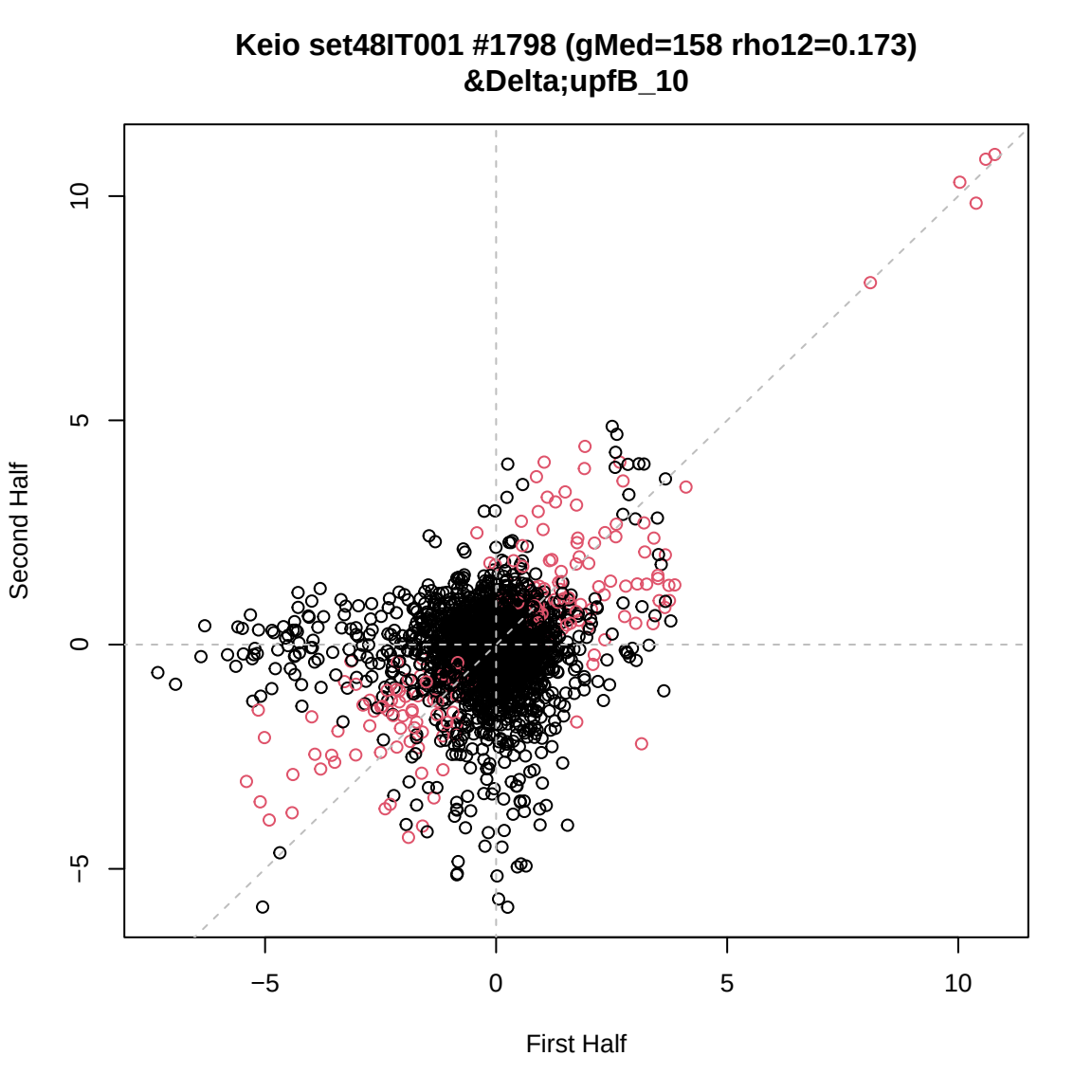

Keio set47IT091 #1793 (gMed=458 rho12=0.302)
Koxy_100
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2
3

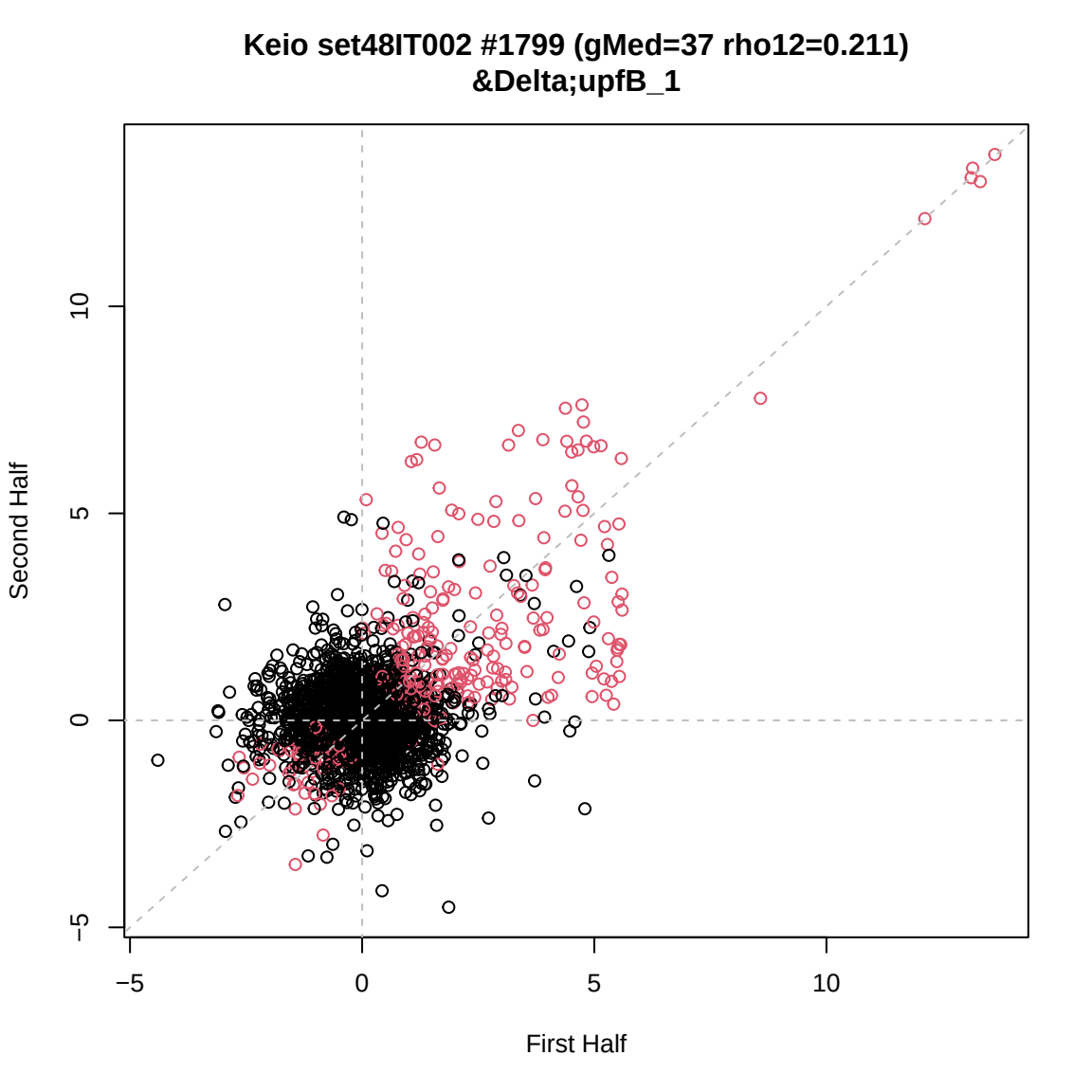

Keio set47IT092 #1794 (gMed=321 rho12=0.268)
Koxy_10
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

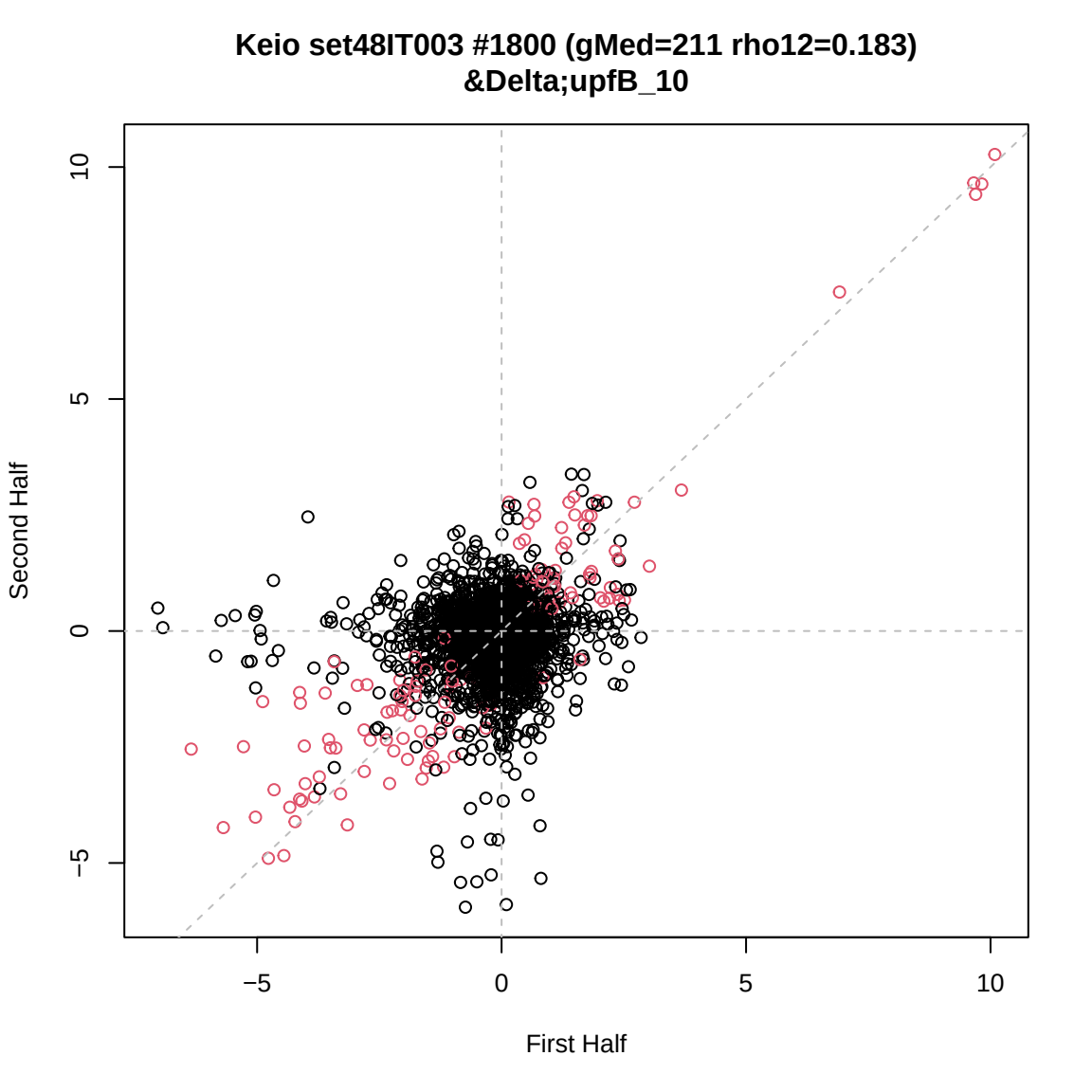

Keio set47IT093 #1795 (gMed=377 rho12=0.153)
Koxy_1
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

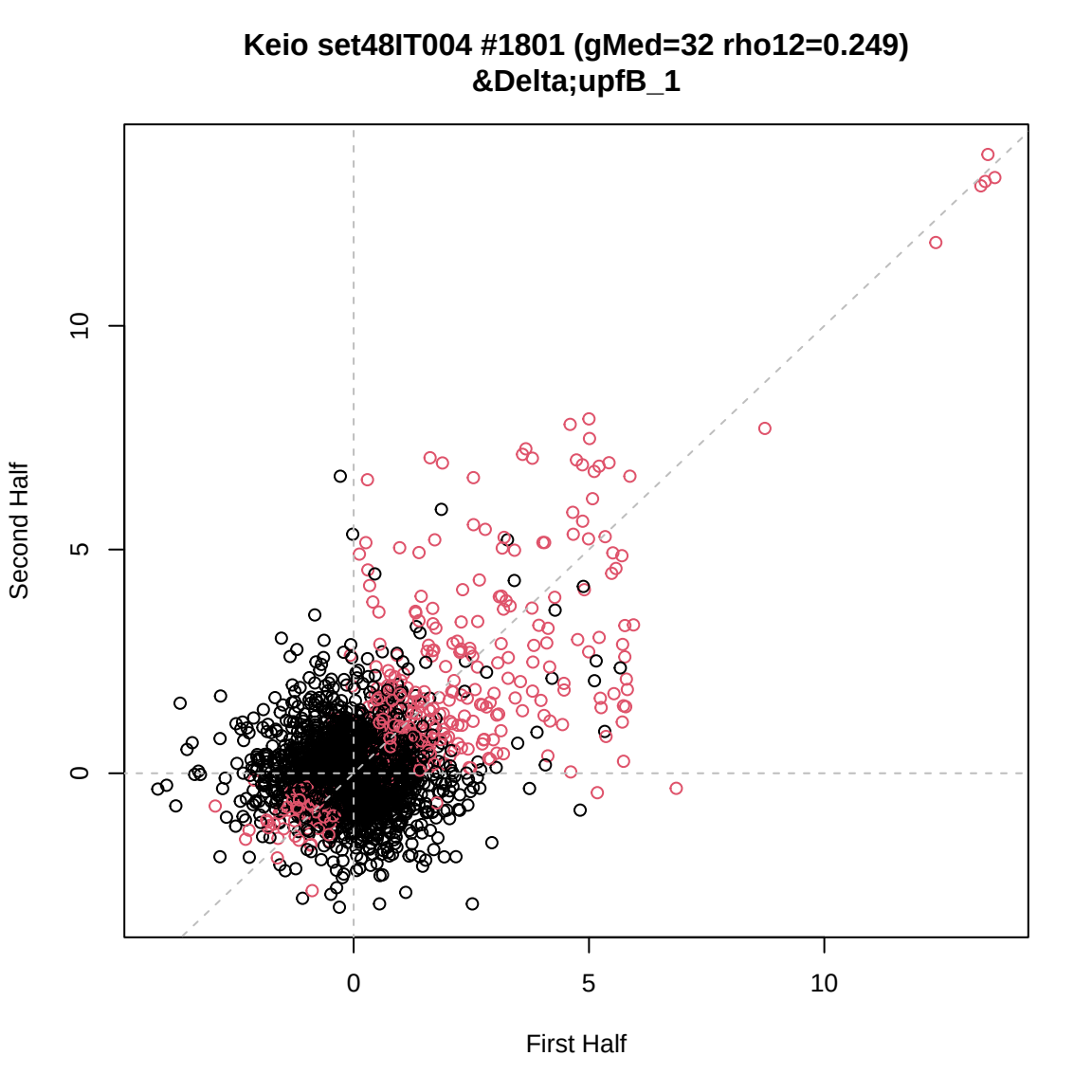

Keio set47IT094 #1796 (gMed=366 rho12=0.077)
Koxy_0.1
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0

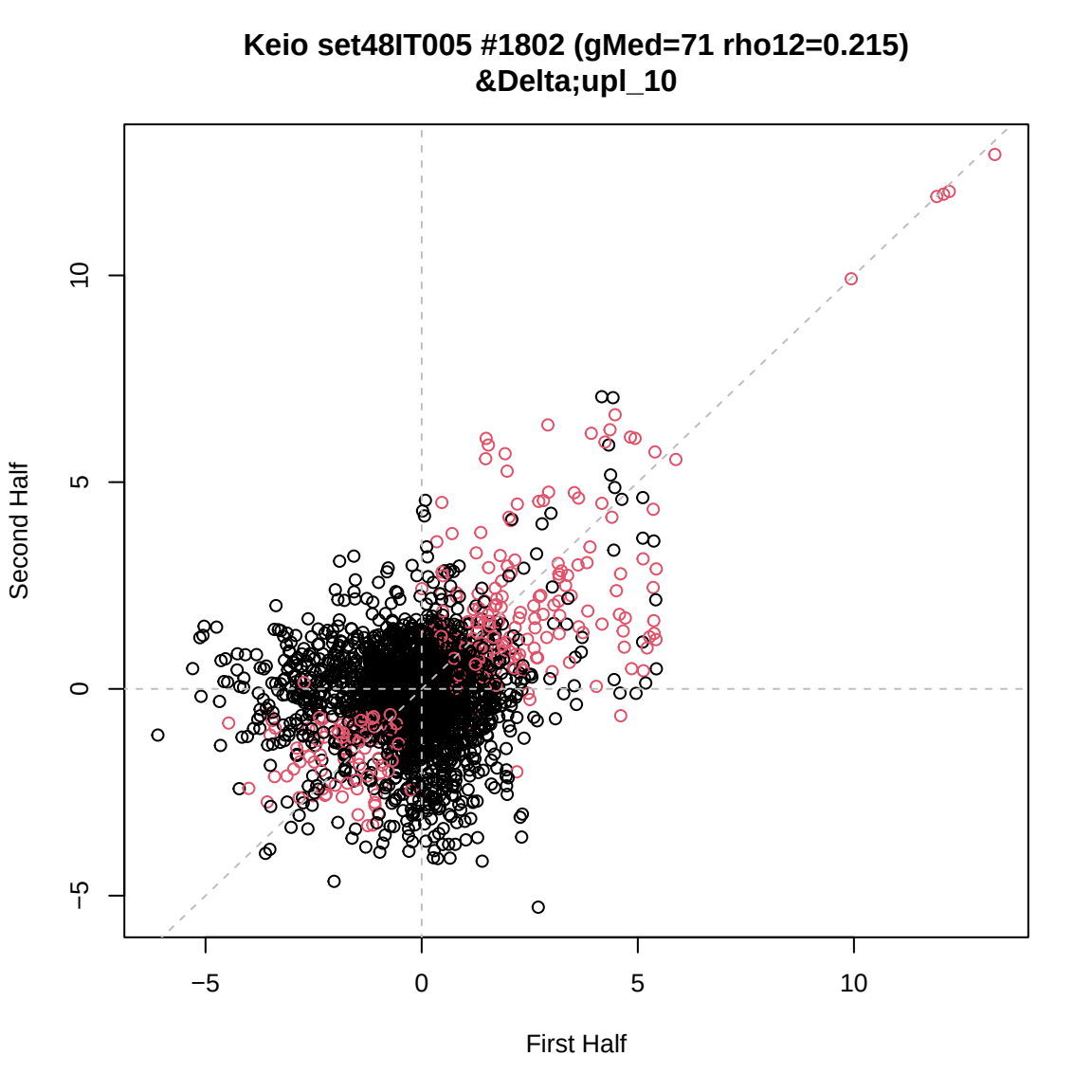

Keio set47IT095 #1797 (gMed=351 rho12=0.100)
Koxy_0.01
Second Half
First Half
0
−1
−2
−3
−4
−3
−2
−1
0
1

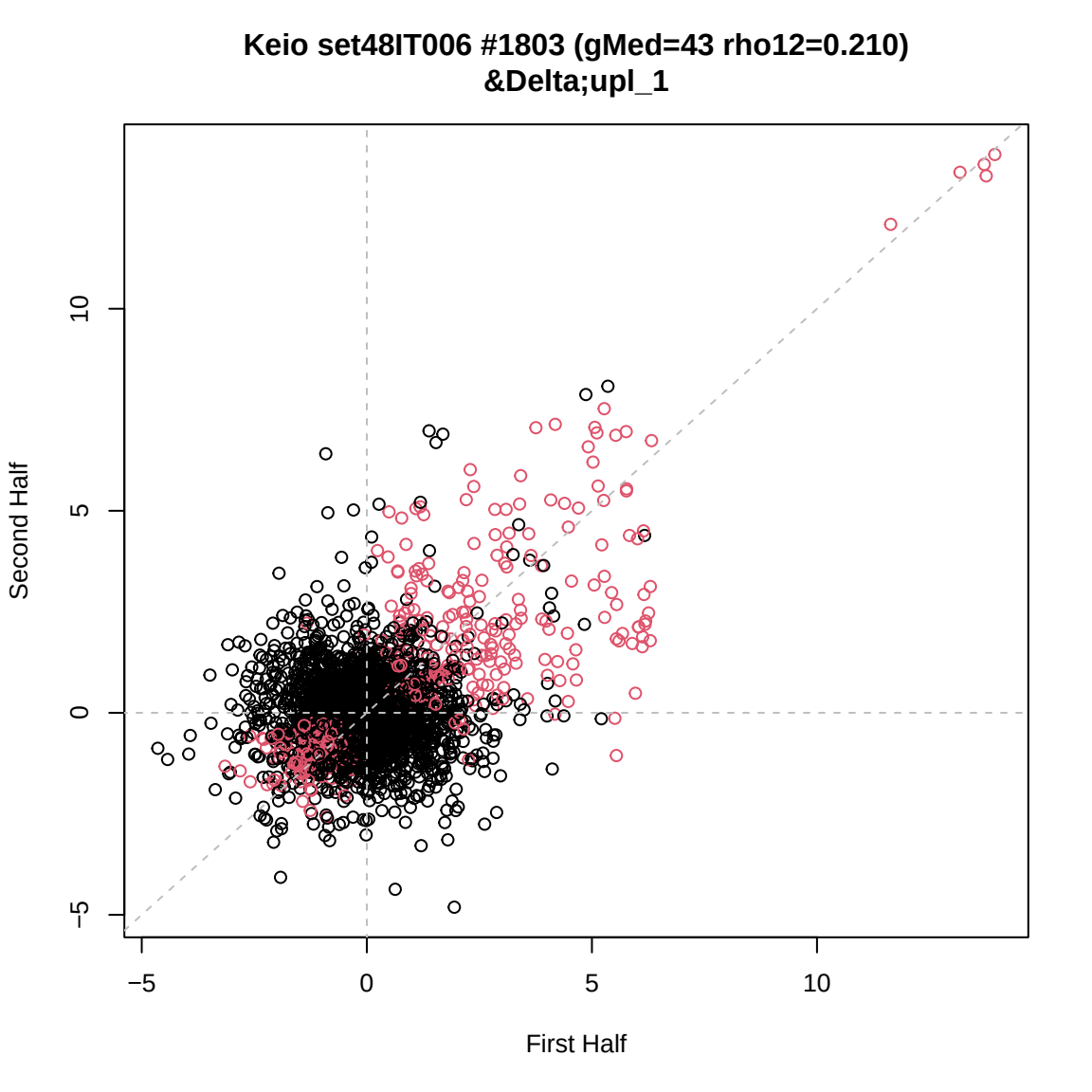

Keio set48IT001 #1798 (gMed=158 rho12=0.173)
ΔupfB_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

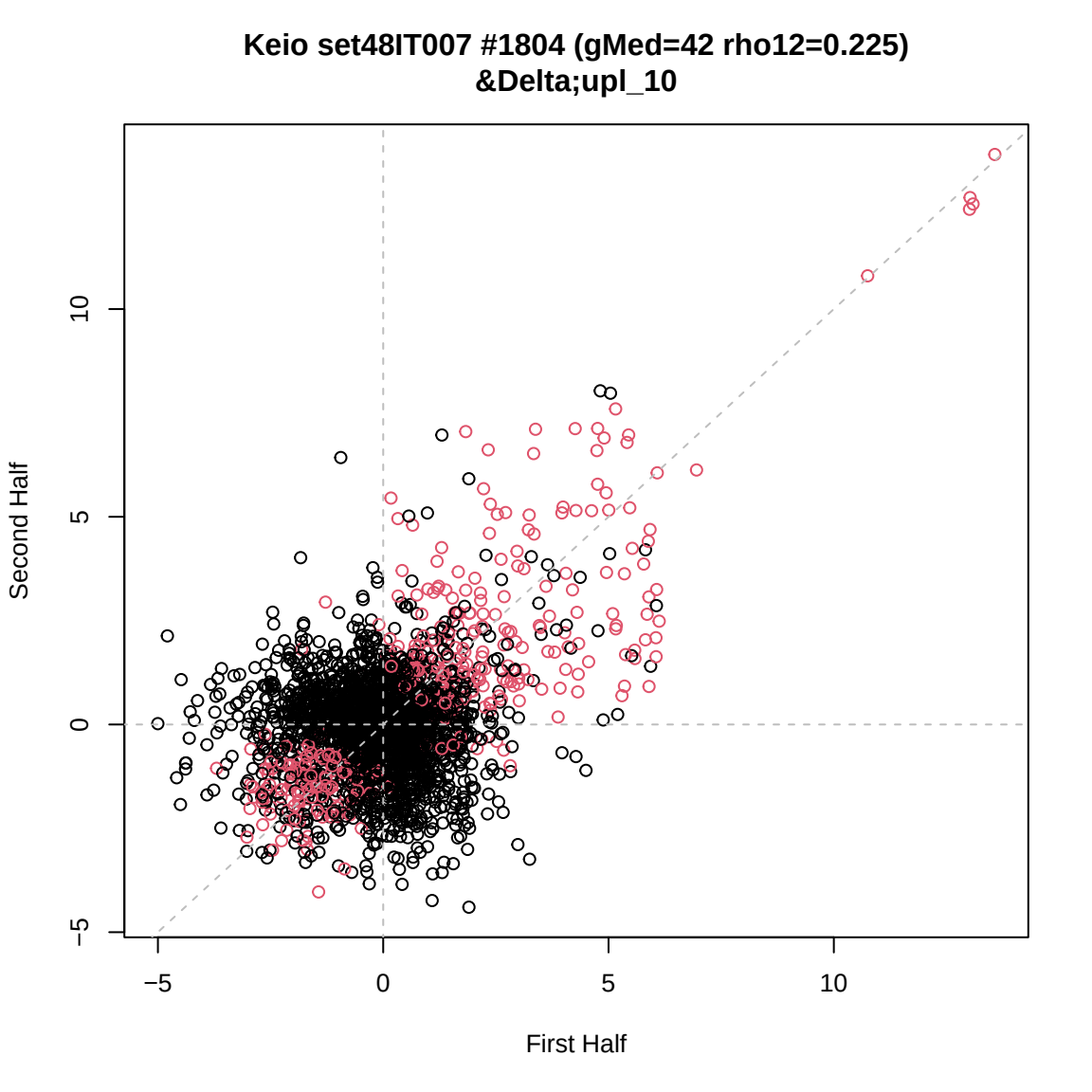

Keio set48IT002 #1799 (gMed=37 rho12=0.211)
ΔupfB_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

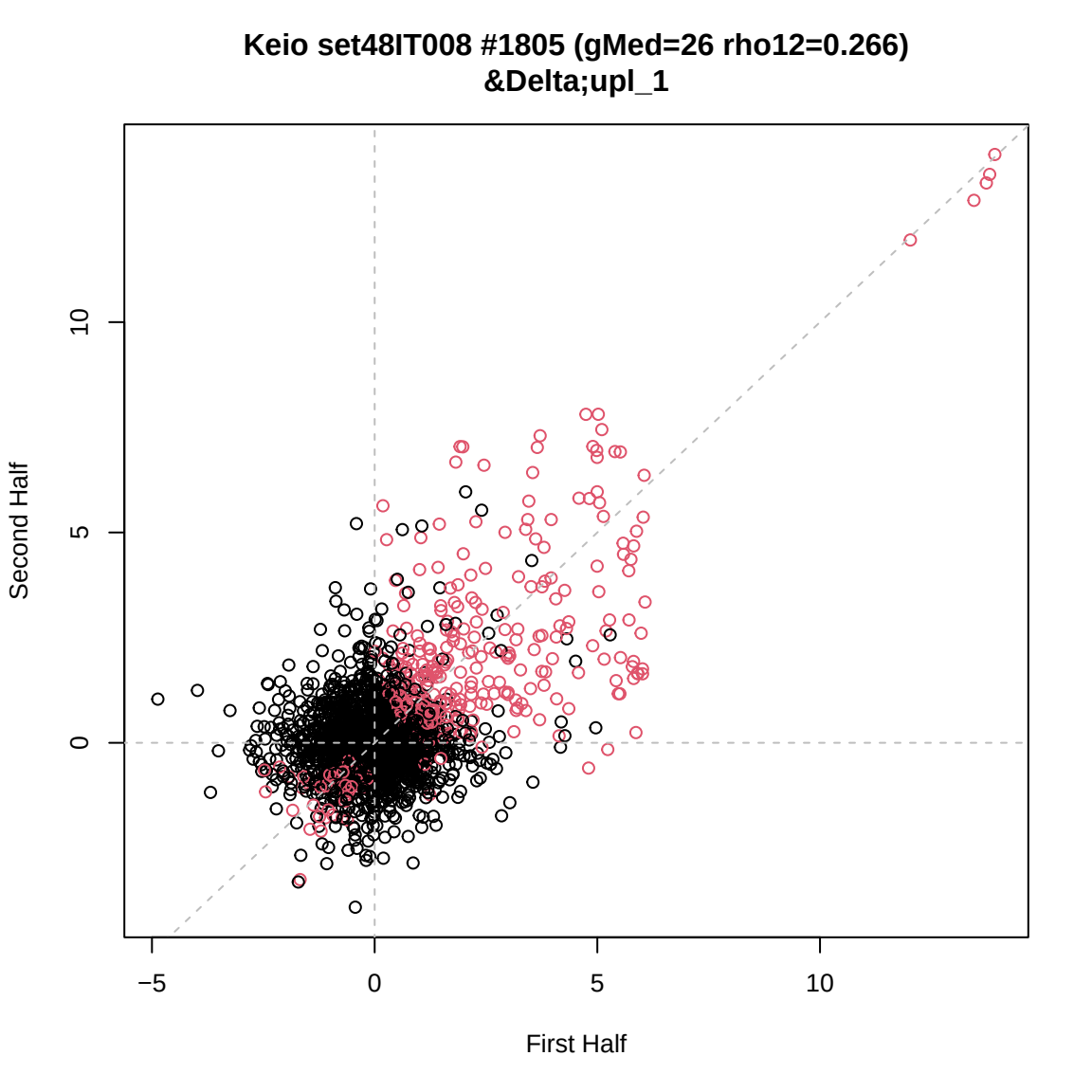

Keio set48IT003 #1800 (gMed=211 rho12=0.183)
ΔupfB_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

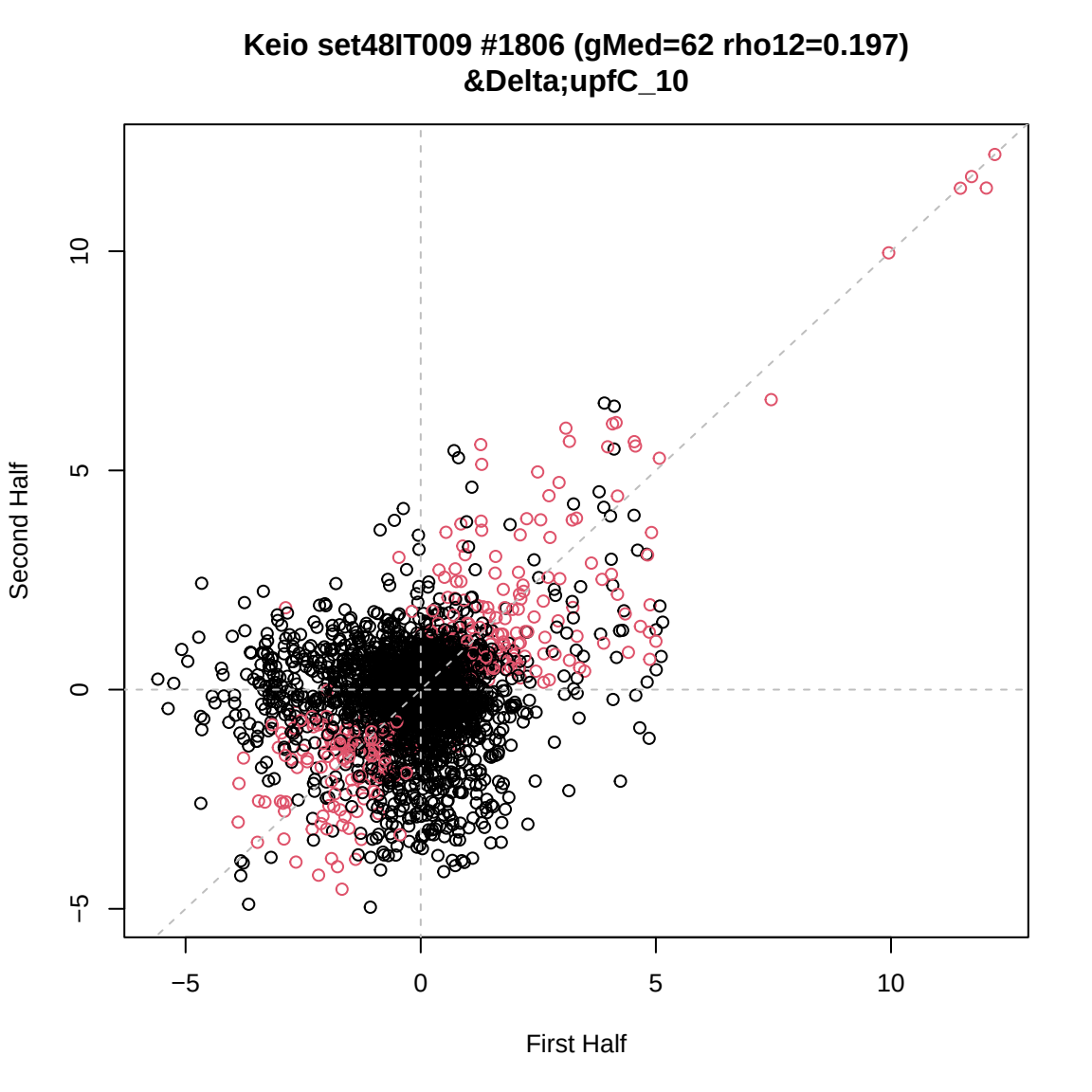

Keio set48IT004 #1801 (gMed=32 rho12=0.249)
ΔupfB_1
Second Half
First Half
0
5
10
0
5
10

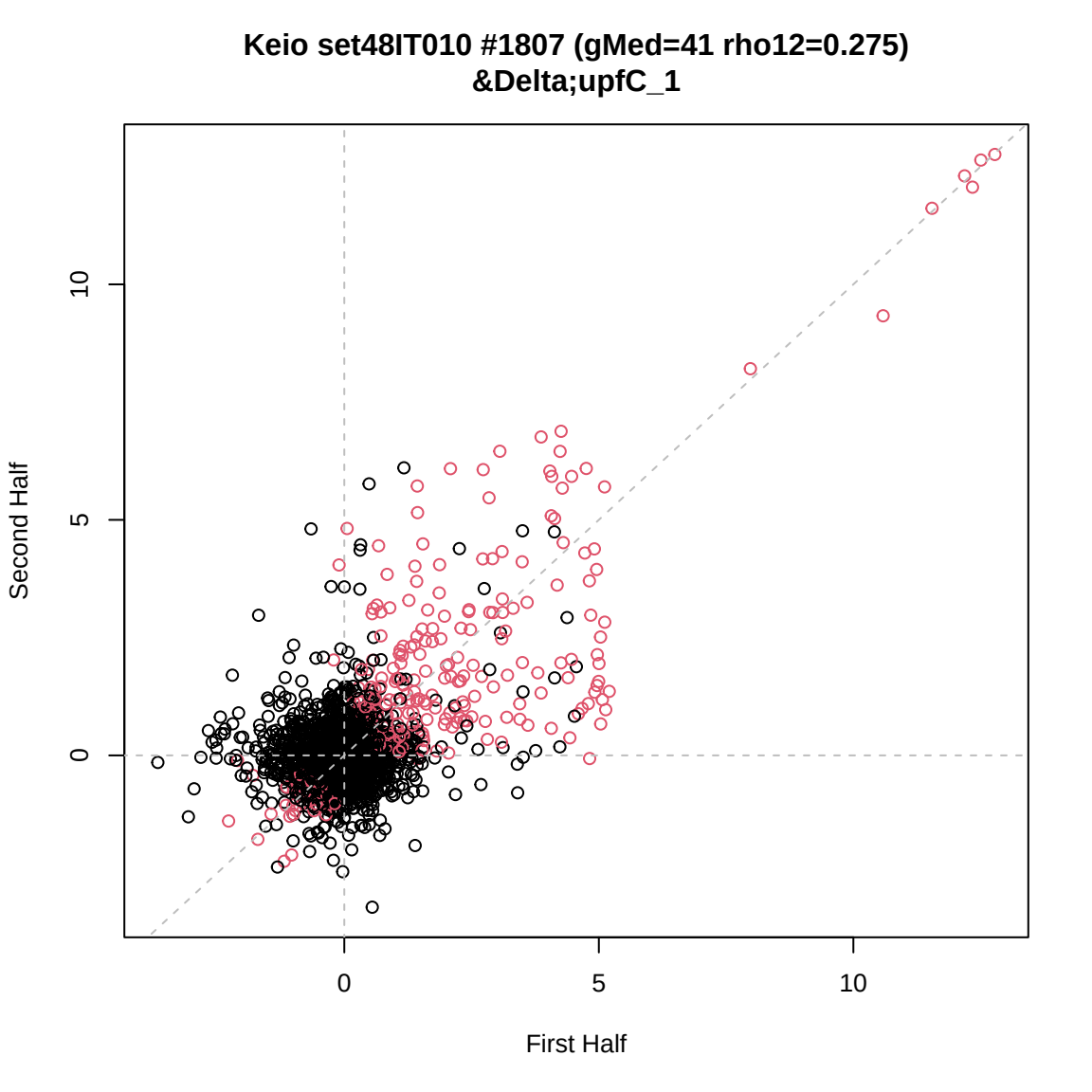

Keio set48IT005 #1802 (gMed=71 rho12=0.215)
Δupl_10
Second Half
First Half
−5
0
5
10
−5
0
5
10

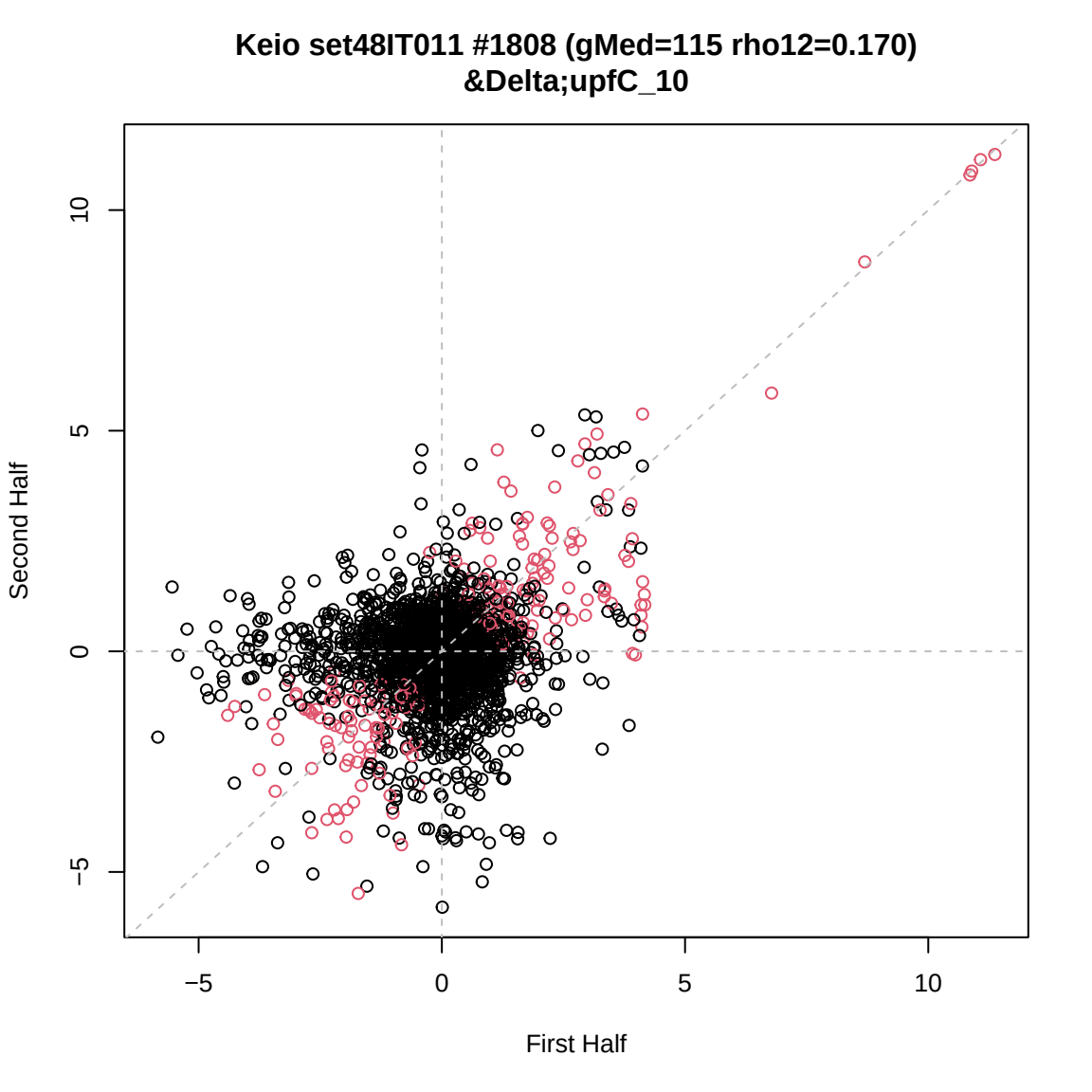

Keio set48IT006 #1803 (gMed=43 rho12=0.210)
Δupl_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

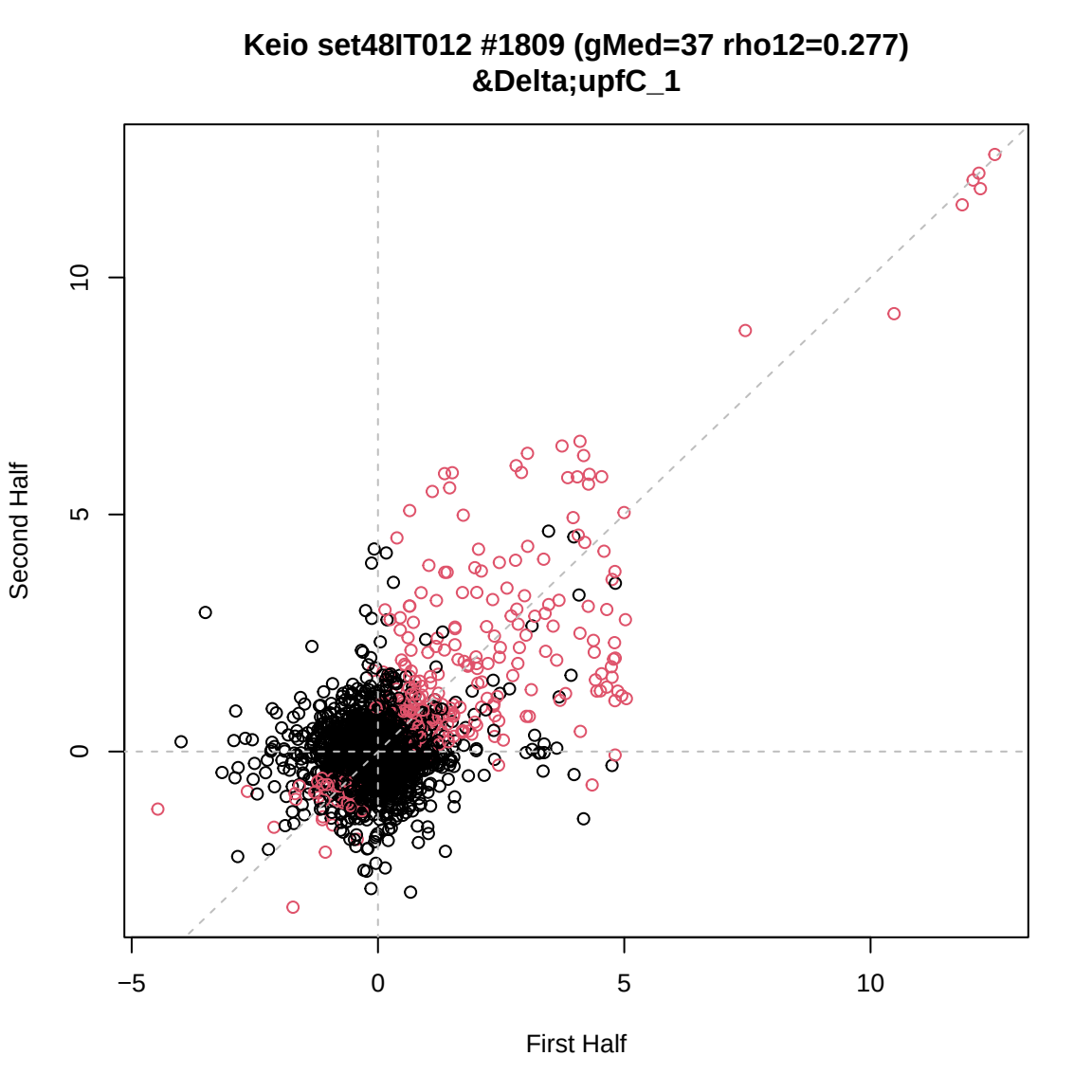

Keio set48IT007 #1804 (gMed=42 rho12=0.225)
Δupl_10
Second Half
First Half
−5
0
5
10
−5
0
5
10

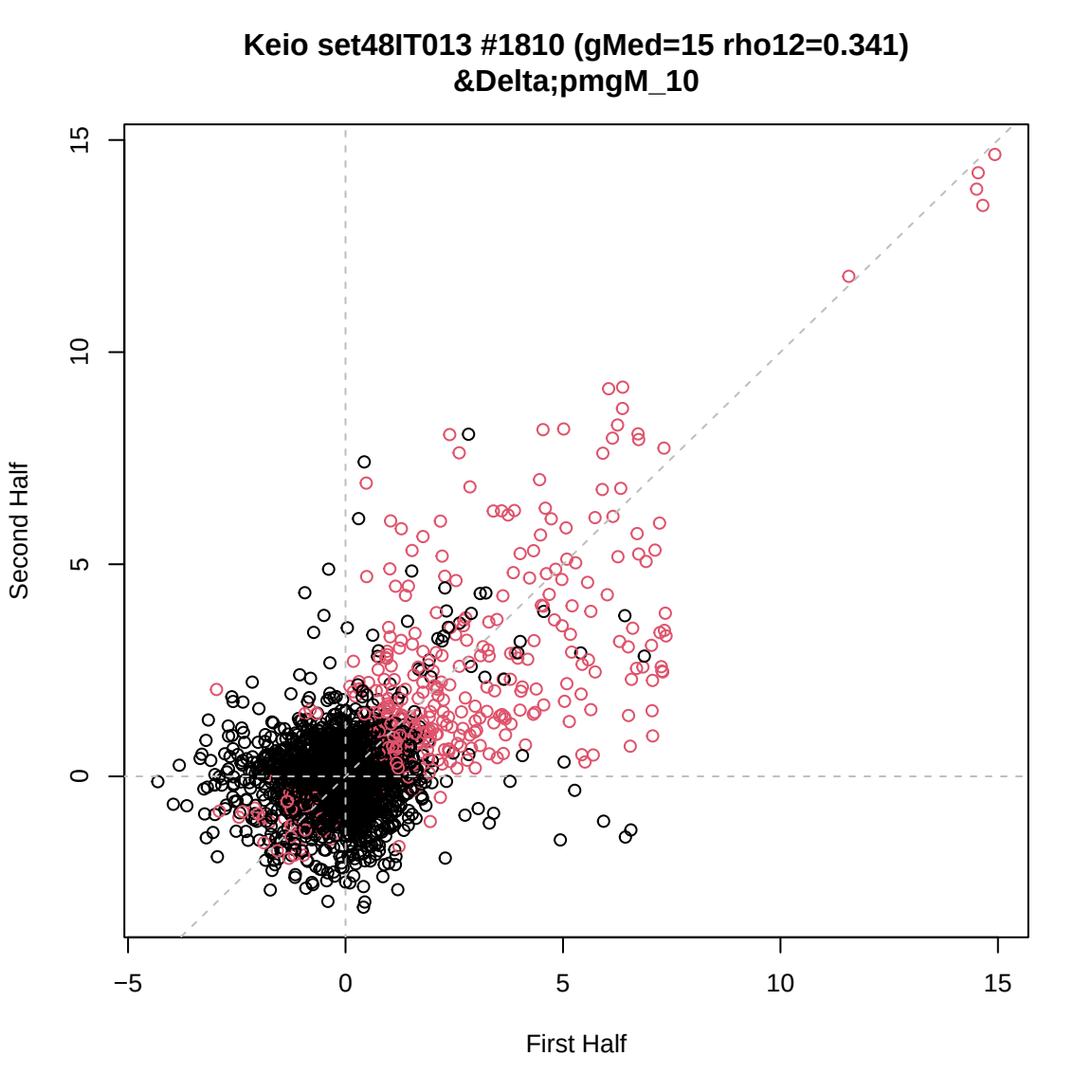

Keio set48IT008 #1805 (gMed=26 rho12=0.266)
Δupl_1
Second Half
First Half
10
5
0
−5
0
5
10

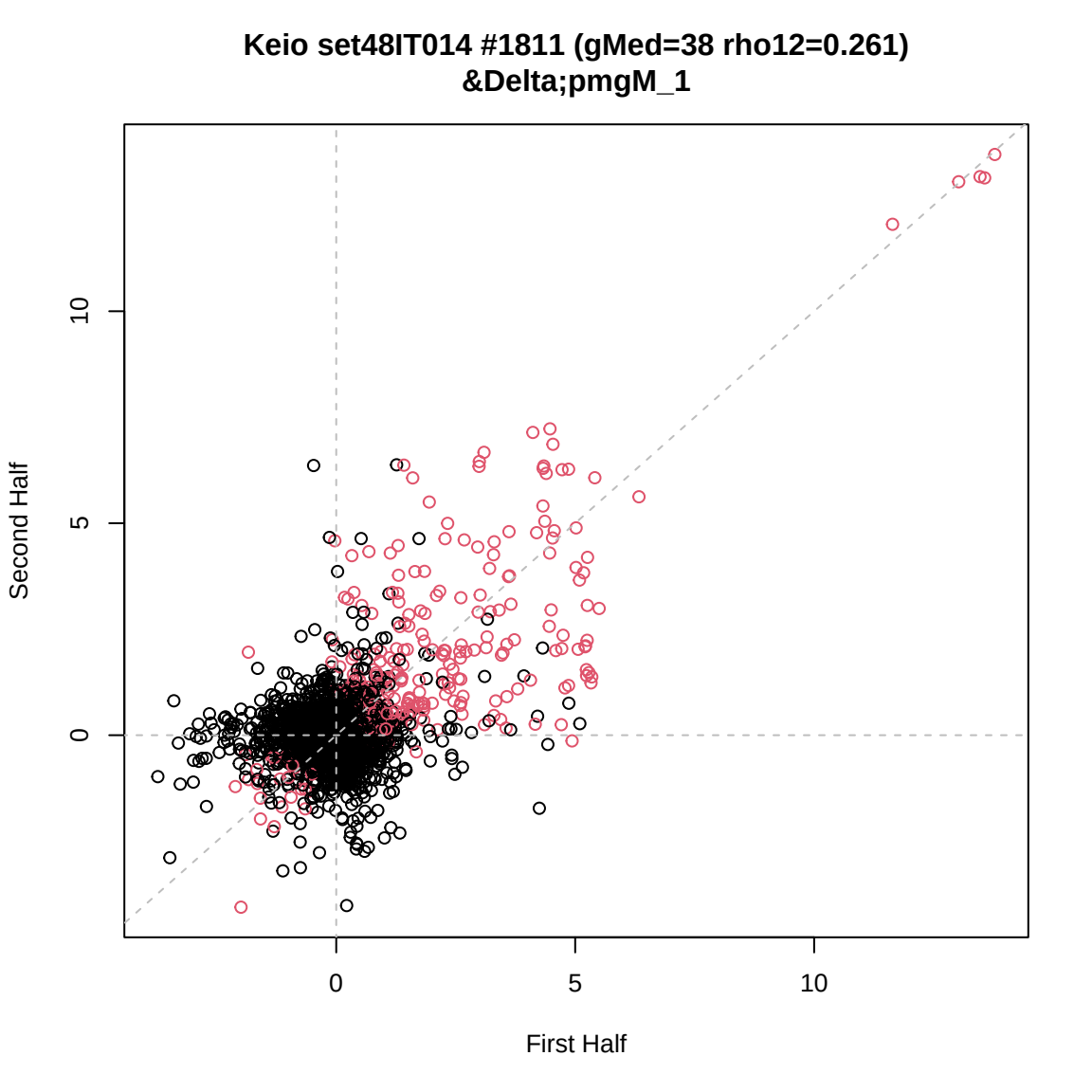

Keio set48IT009 #1806 (gMed=62 rho12=0.197)
ΔupfC_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

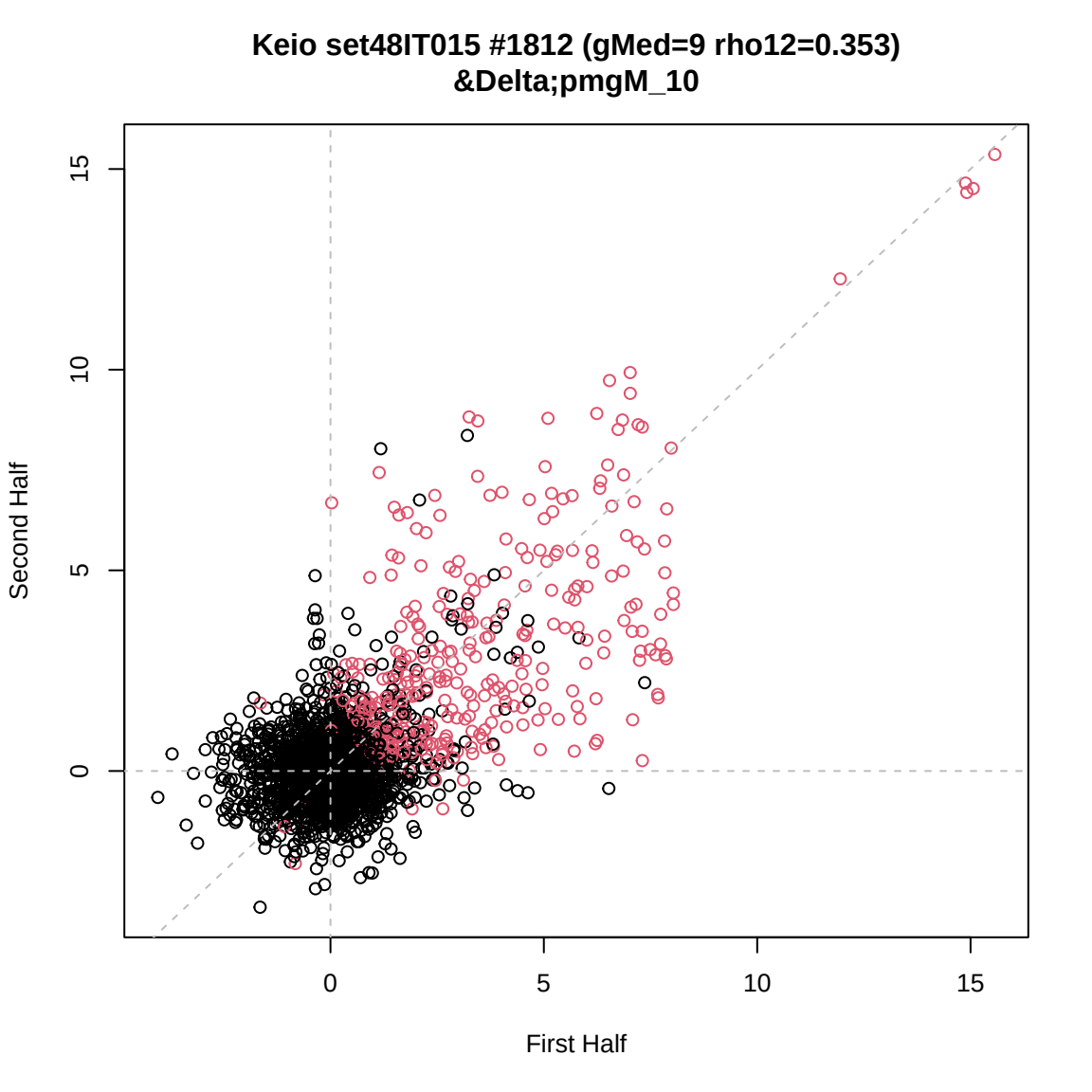

Keio set48IT010 #1807 (gMed=41 rho12=0.275)
ΔupfC_1
Second Half
First Half
0
5
10
0
5
10

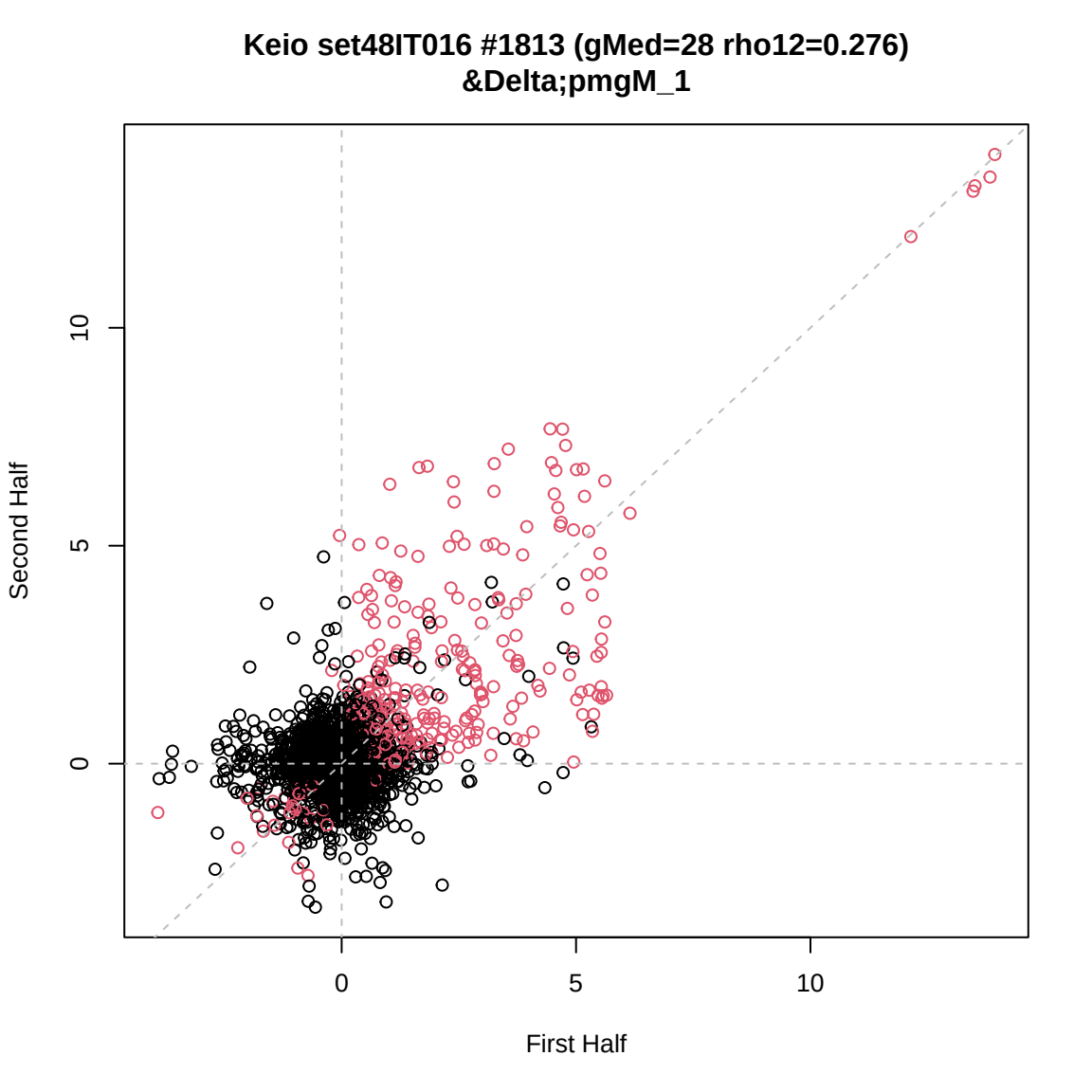

Keio set48IT011 #1808 (gMed=115 rho12=0.170)
ΔupfC_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

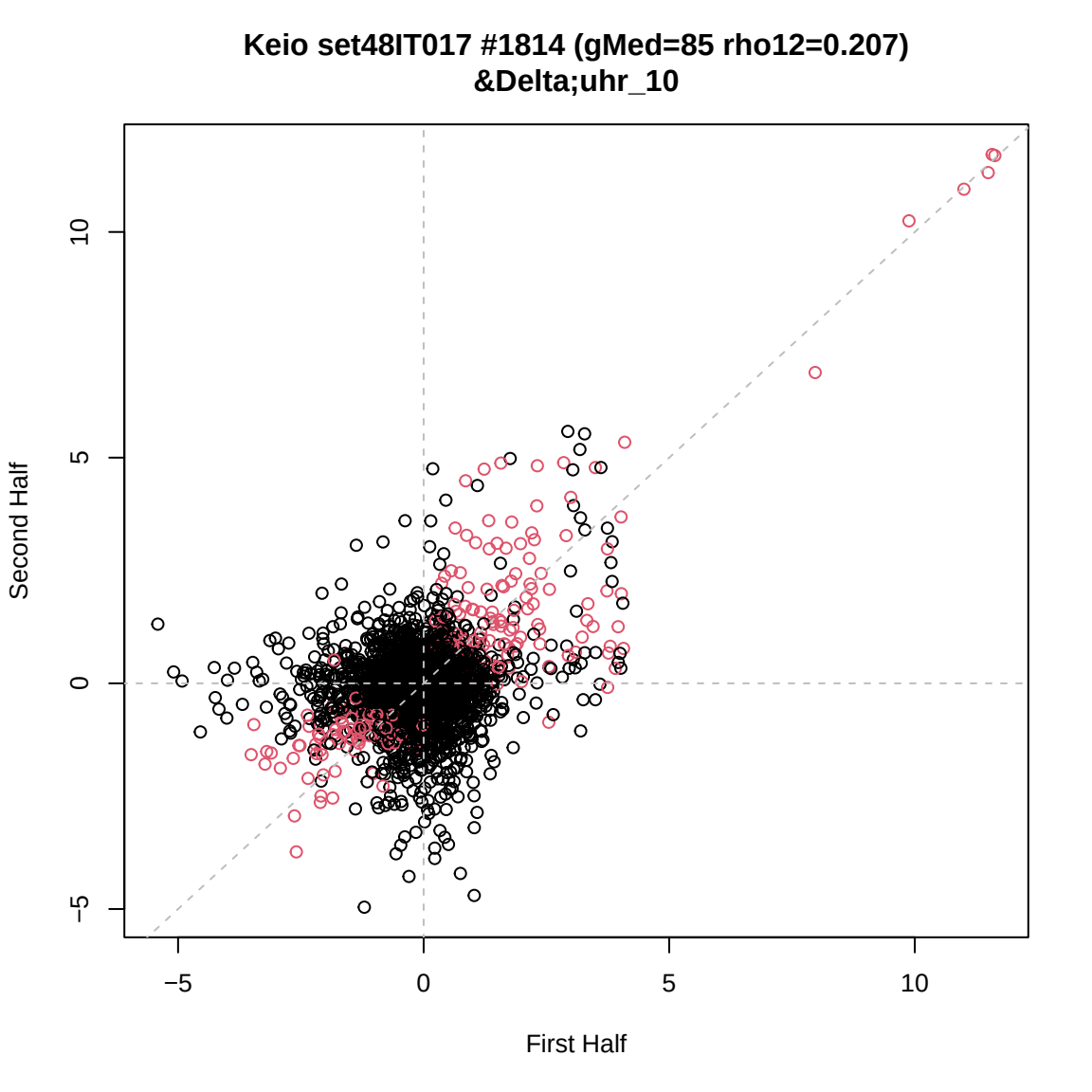

Keio set48IT012 #1809 (gMed=37 rho12=0.277)
ΔupfC_1
Second Half
First Half
10
5
0
−5
0
5
10

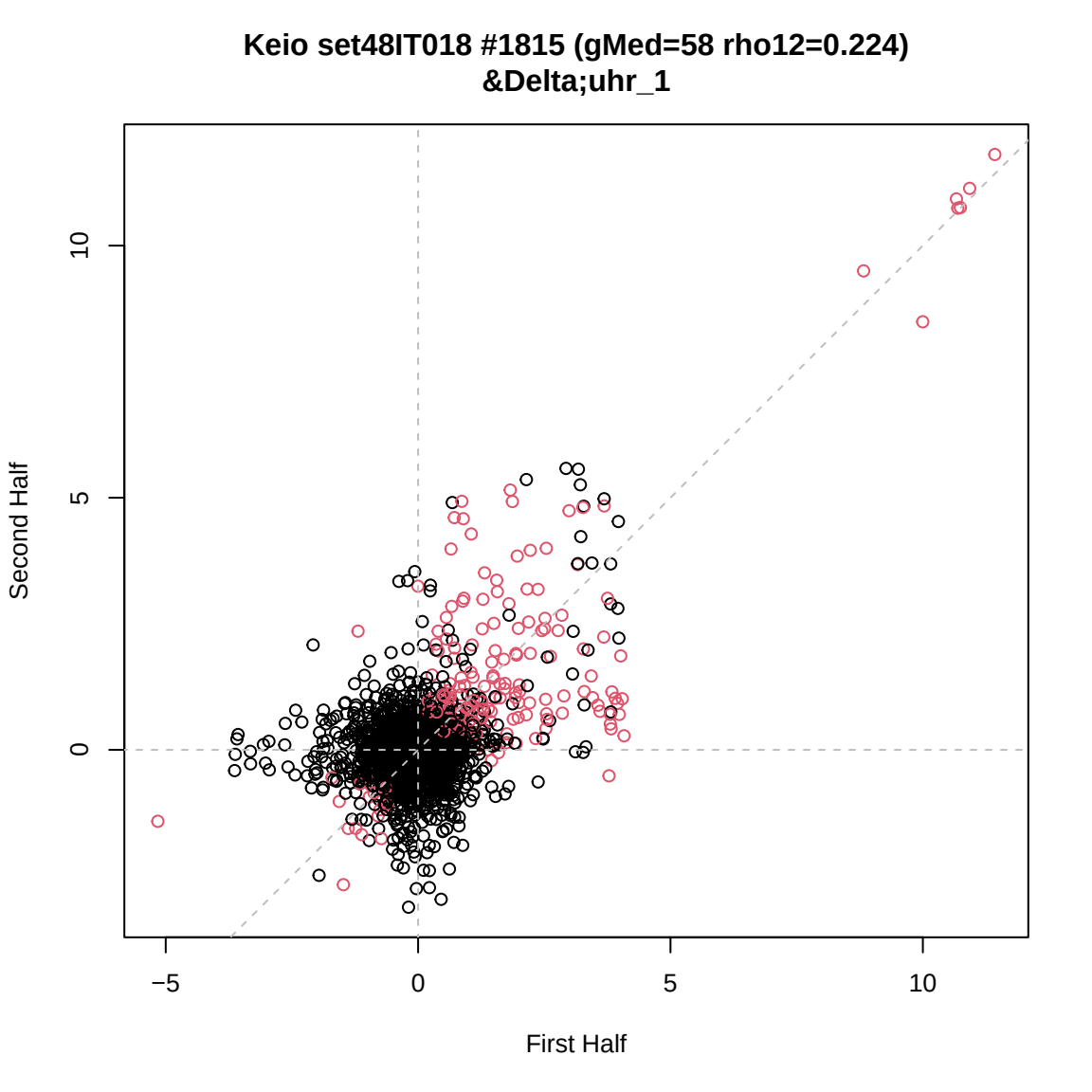

Keio set48IT013 #1810 (gMed=15 rho12=0.341)
ΔpmgM_10
Second Half
First Half
15
10
5
0
−5
0
5
10
15

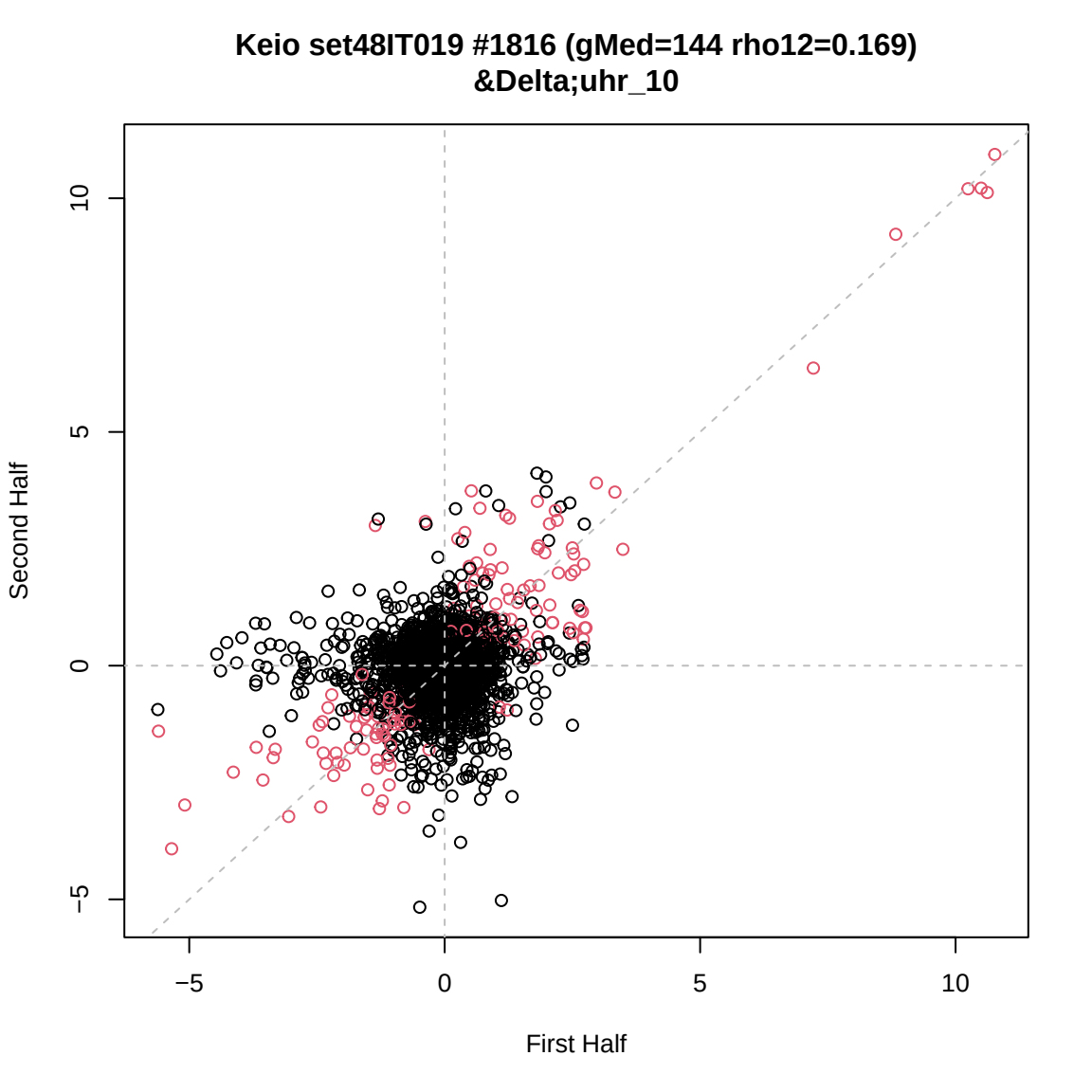

Keio set48IT014 #1811 (gMed=38 rho12=0.261)
ΔpmgM_1
Second Half
First Half
0
5
10
0
5
10

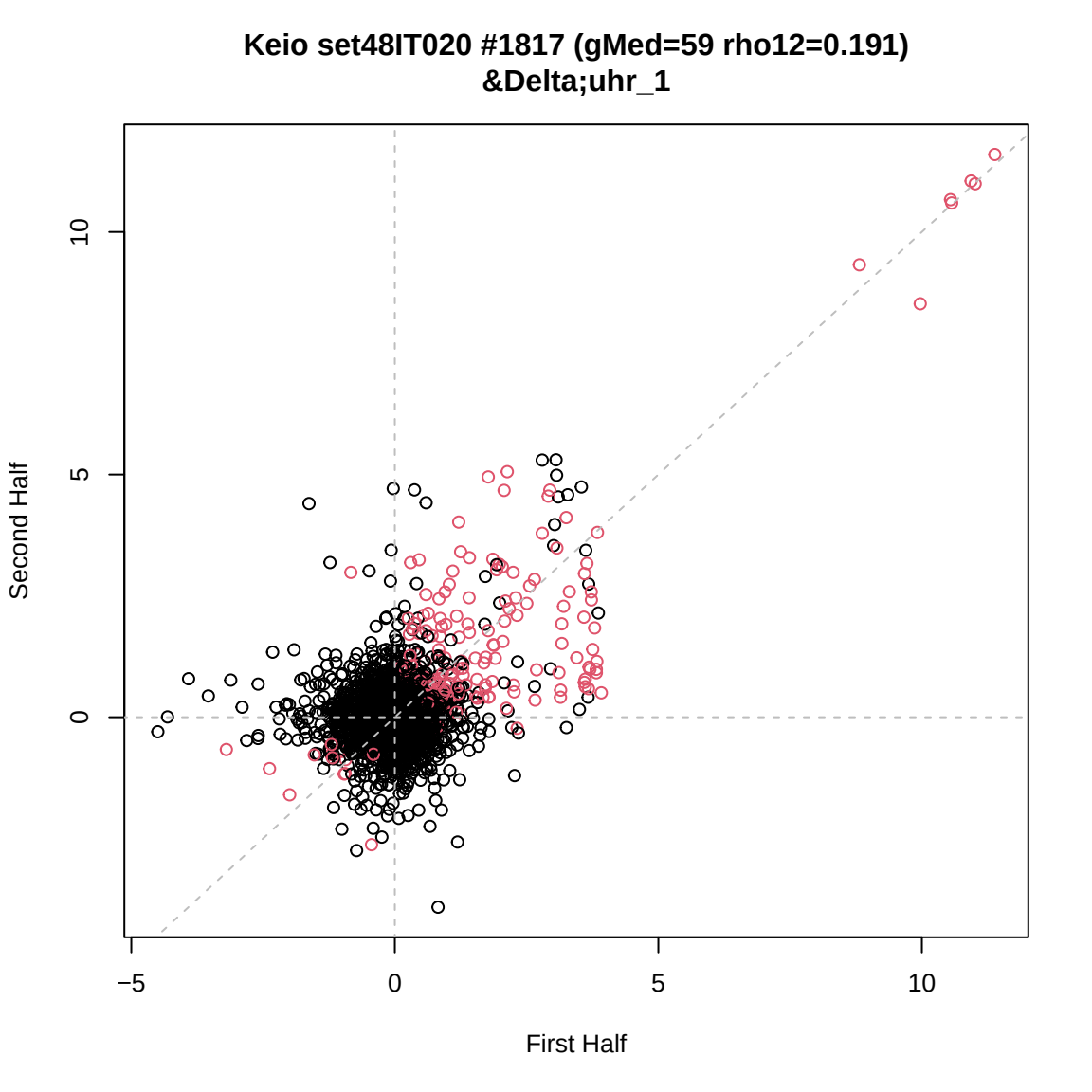

Keio set48IT015 #1812 (gMed=9 rho12=0.353)
ΔpmgM_10
Second Half
First Half
0
5
10
15

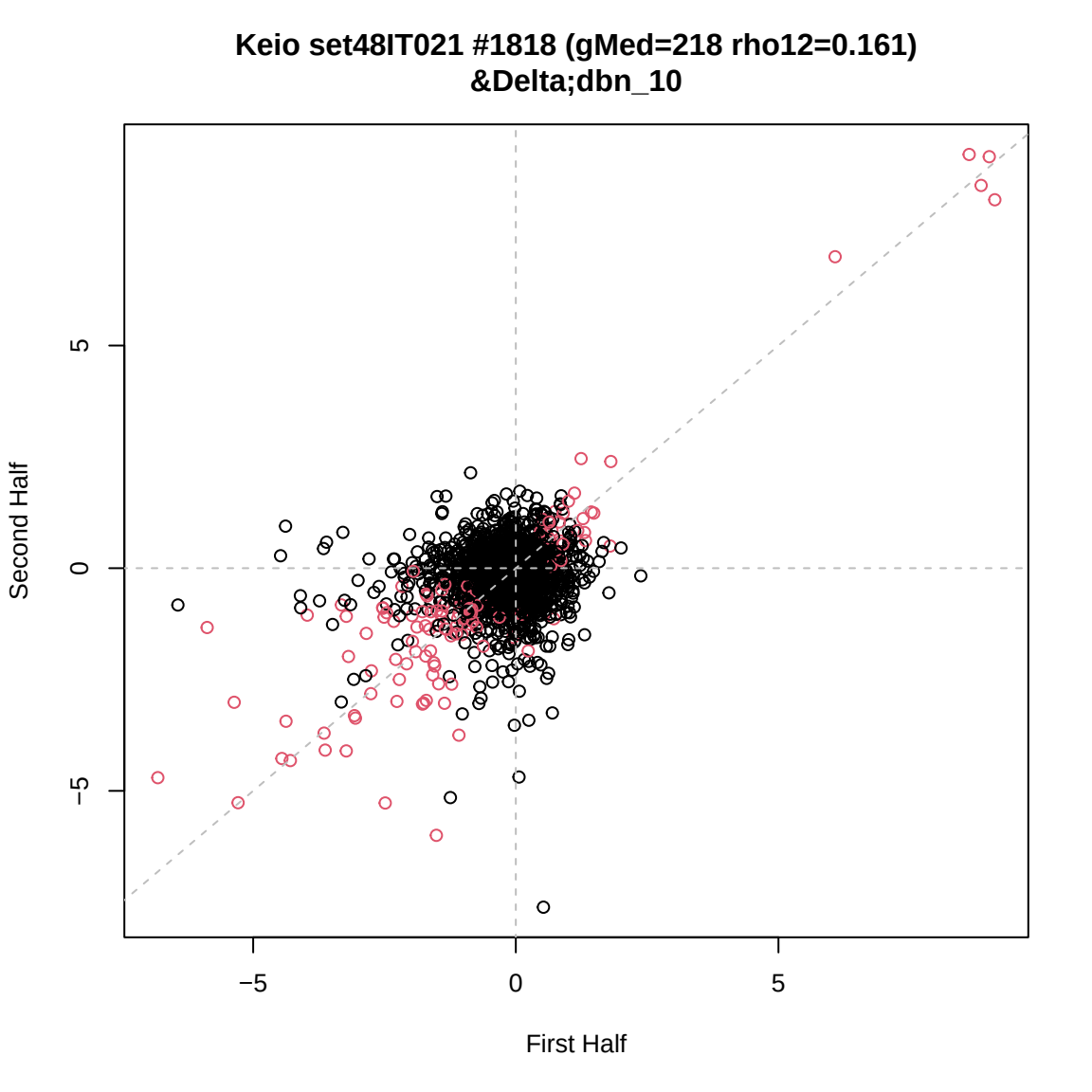

Keio set48IT016 #1813 (gMed=28 rho12=0.276)
ΔpmgM_1
Second Half
First Half
0
5
10
0
5
10

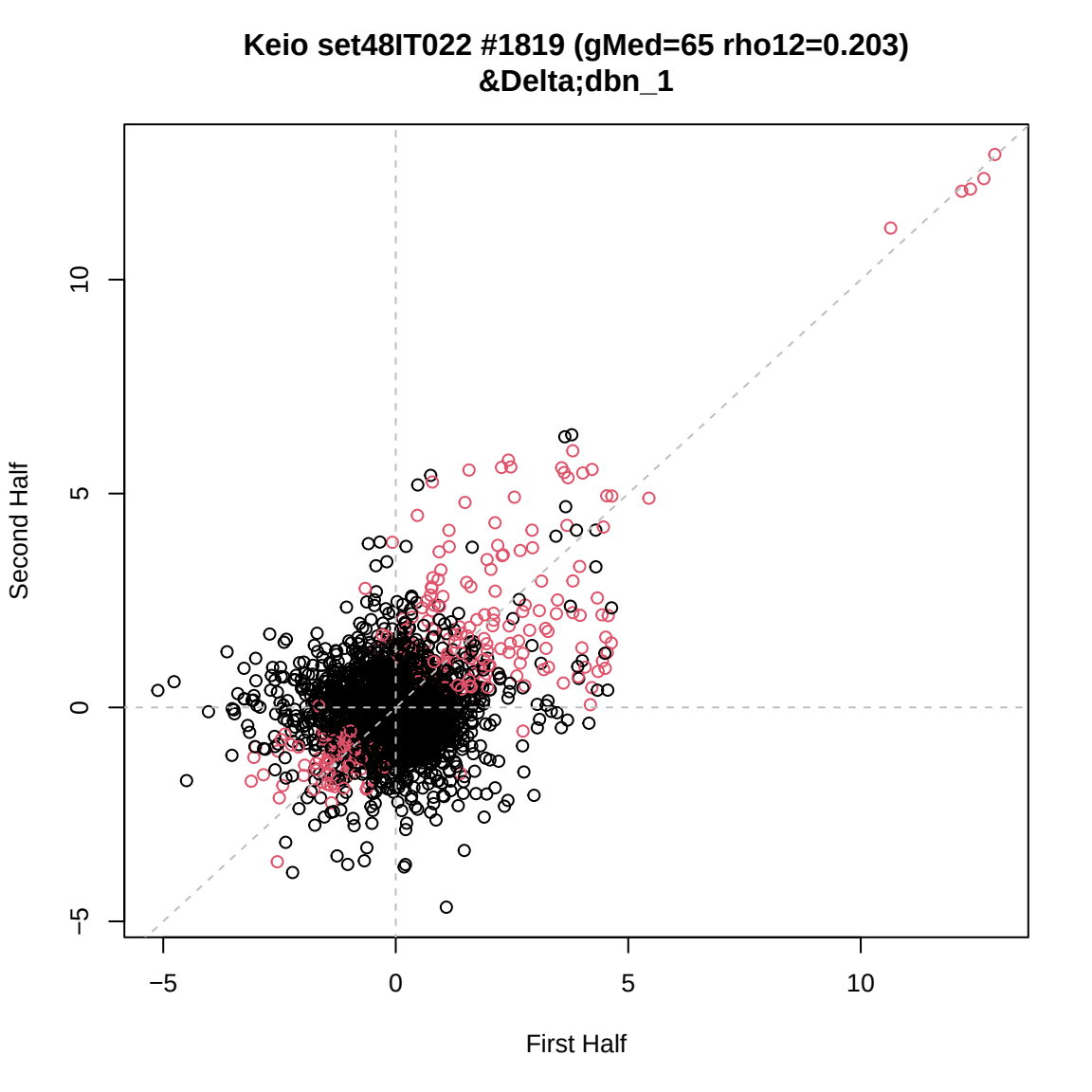

Keio set48IT017 #1814 (gMed=85 rho12=0.207)
Δuhr_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

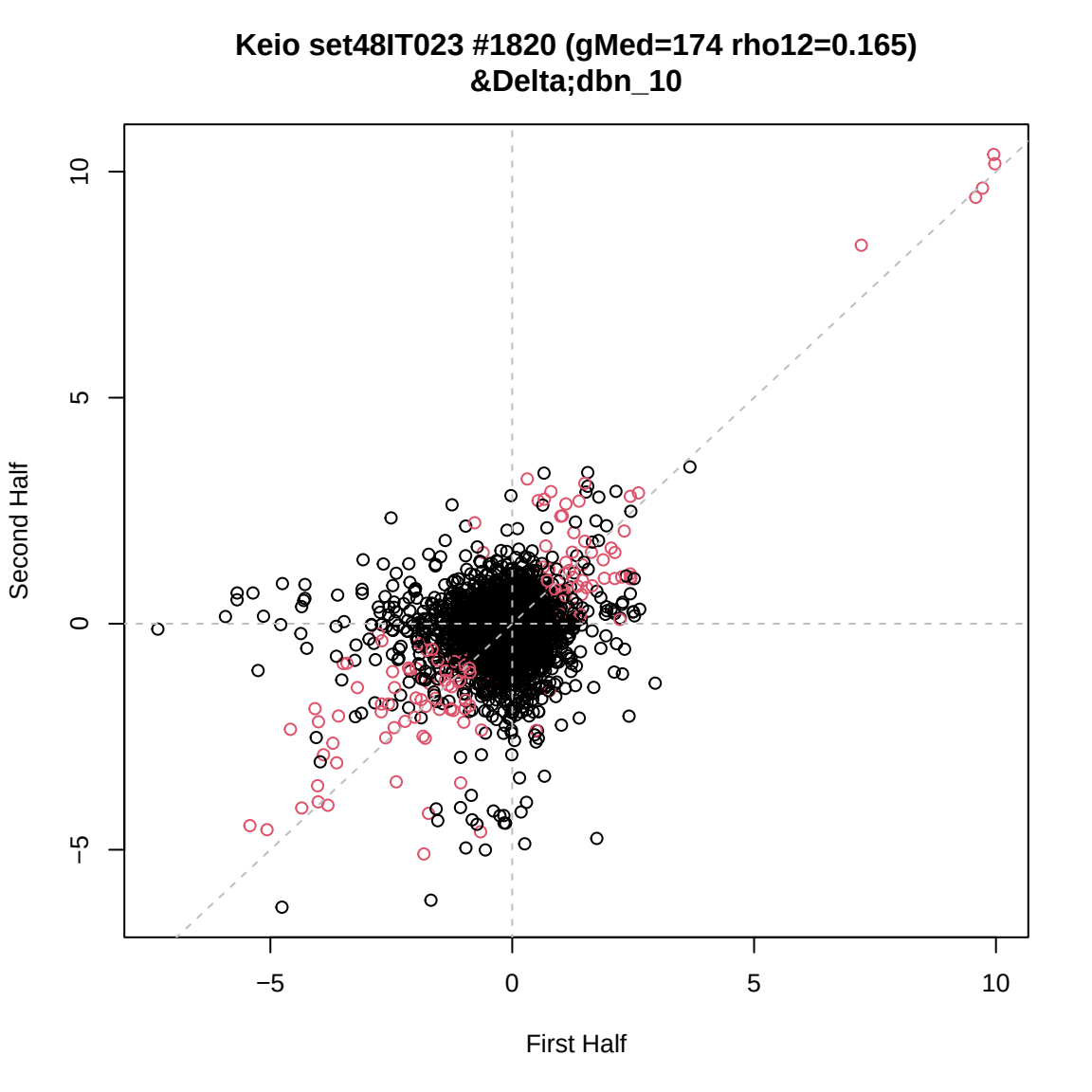

Keio set48IT018 #1815 (gMed=58 rho12=0.224)
Δuhr_1
Second Half
First Half
−5
0
5
10
0
5
10

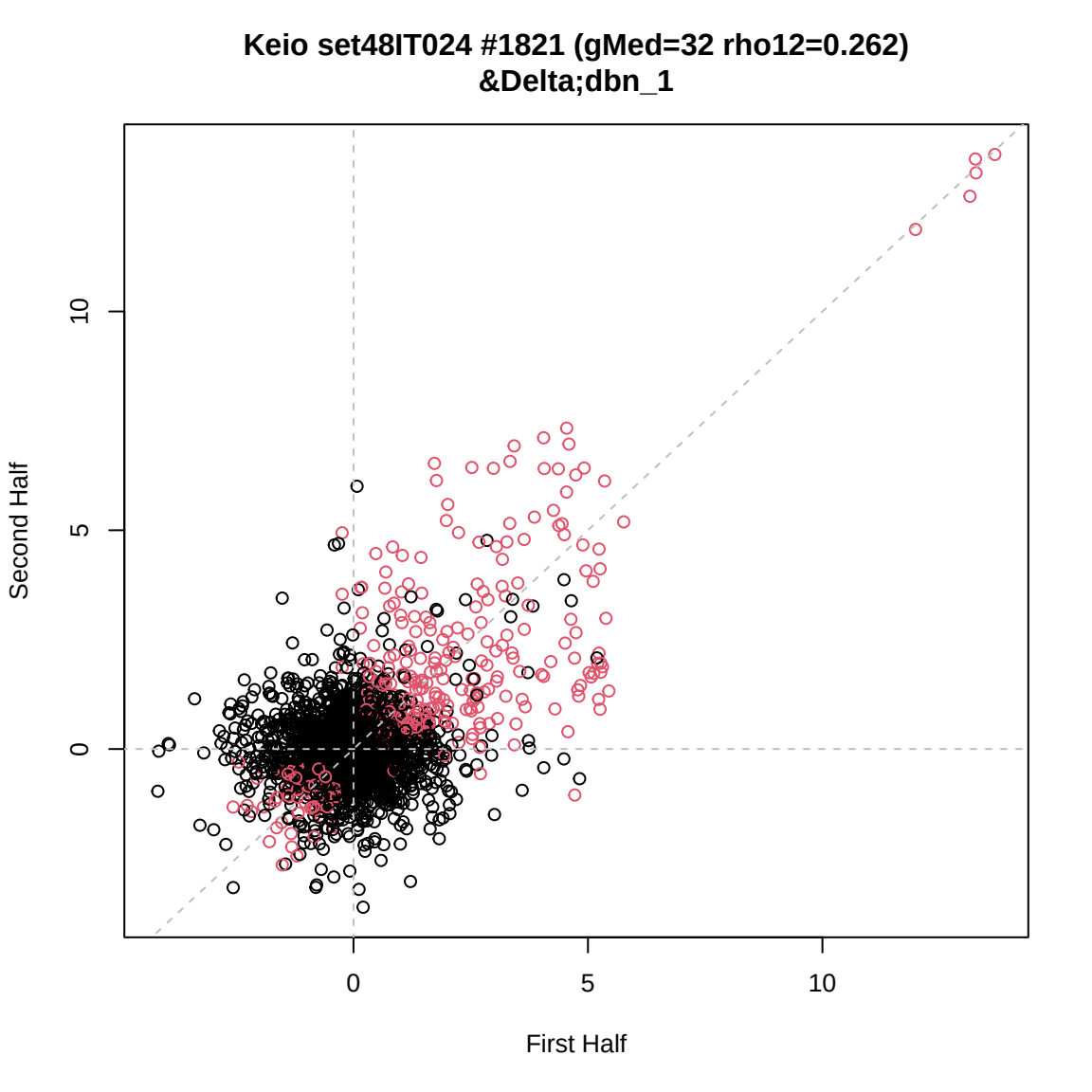

Keio set48IT019 #1816 (gMed=144 rho12=0.169)
Δuhr_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

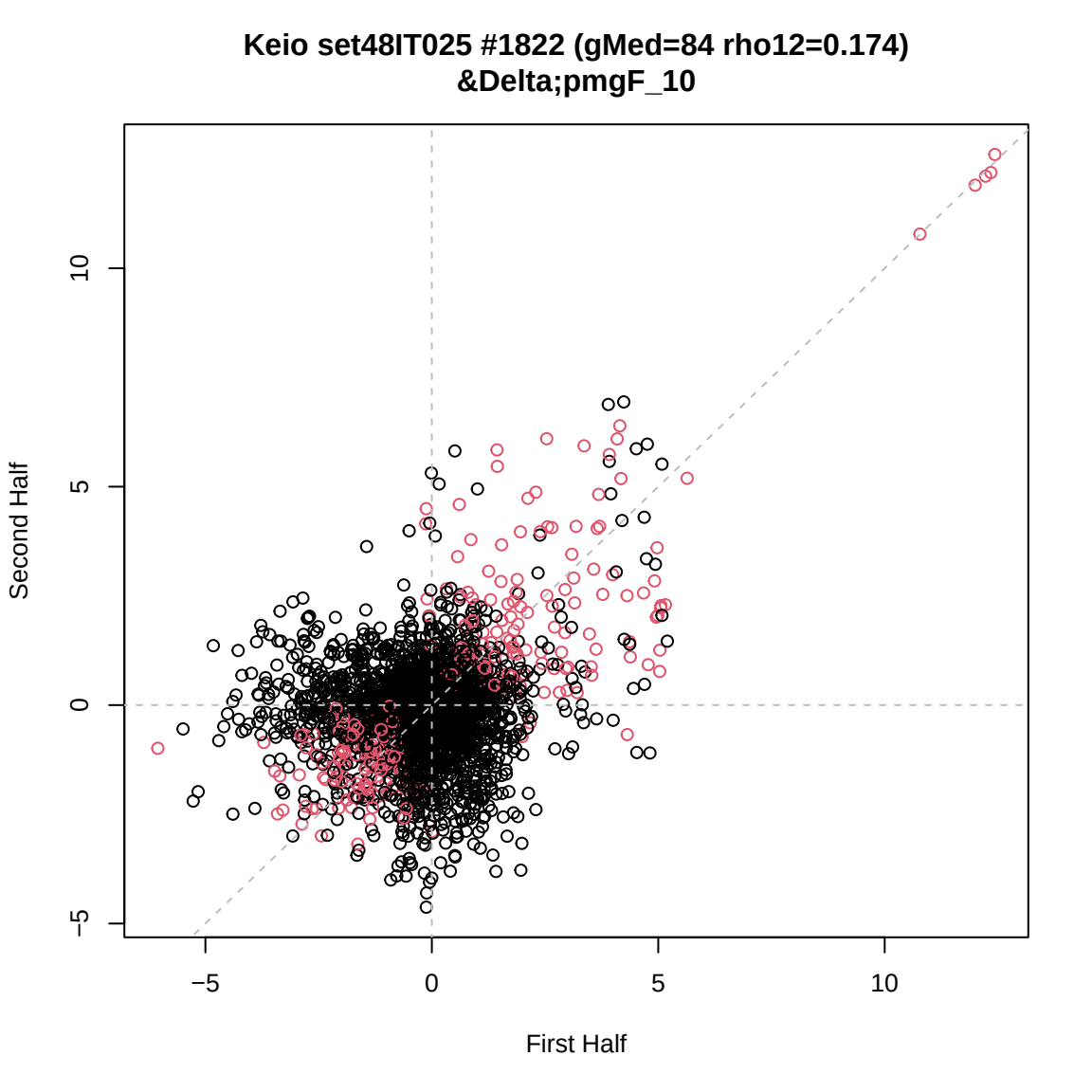

Keio set48IT020 #1817 (gMed=59 rho12=0.191)
Δuhr_1
Second Half
First Half
10
5
0
−5
0
5
10

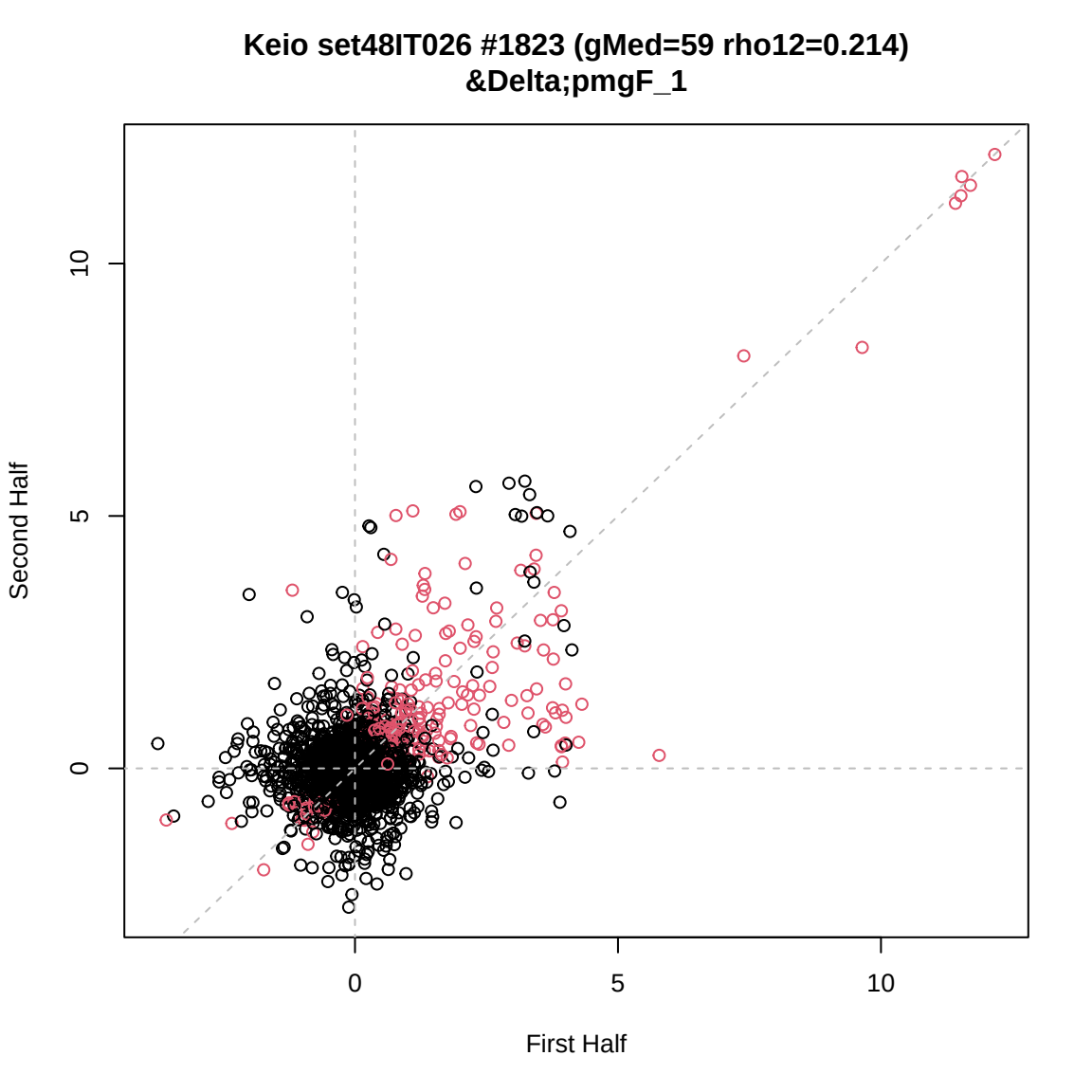

Keio set48IT021 #1818 (gMed=218 rho12=0.161)
Δdbn_10
Second Half
First Half
5
0
−5
−5
0
5

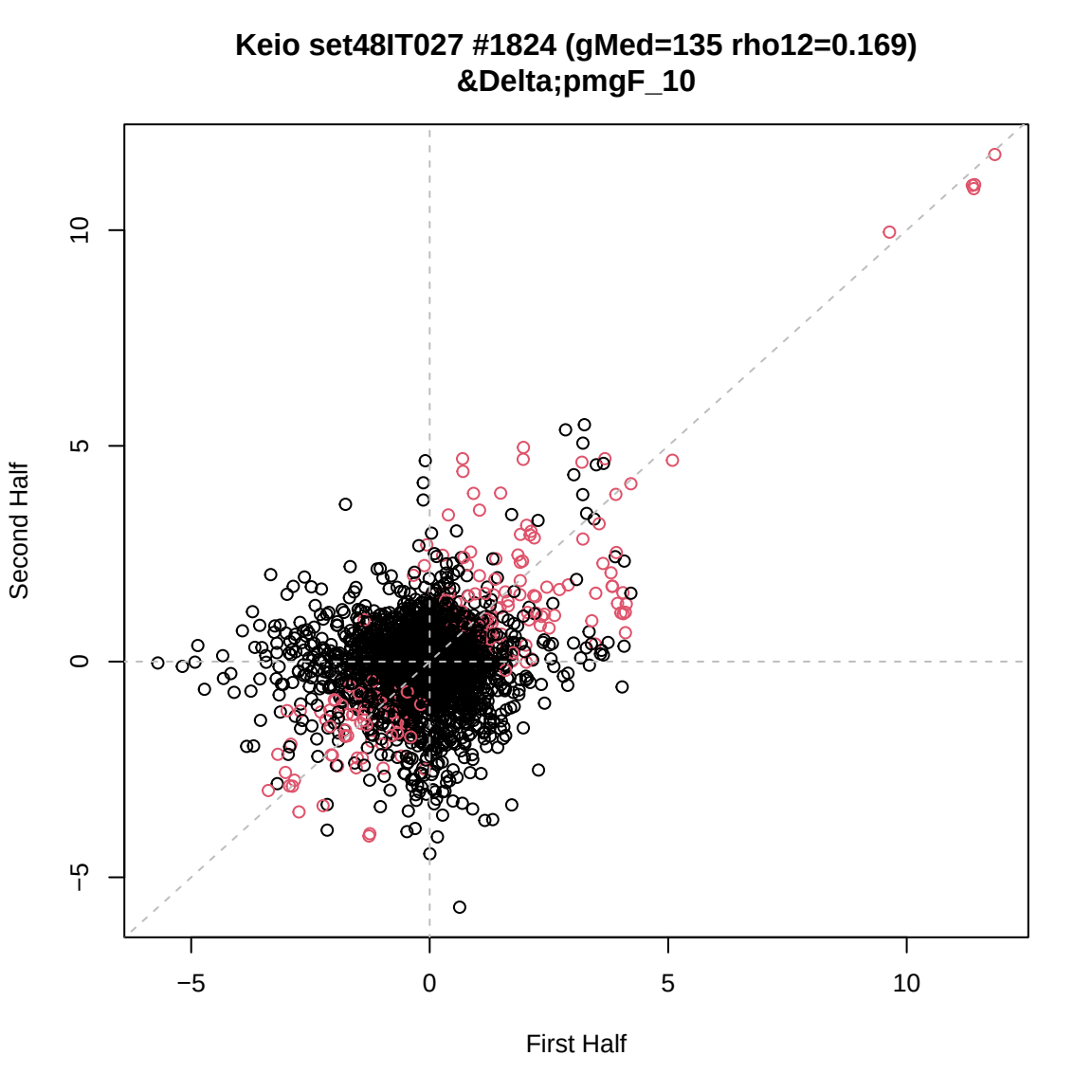

Keio set48IT022 #1819 (gMed=65 rho12=0.203)
Δdbn_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

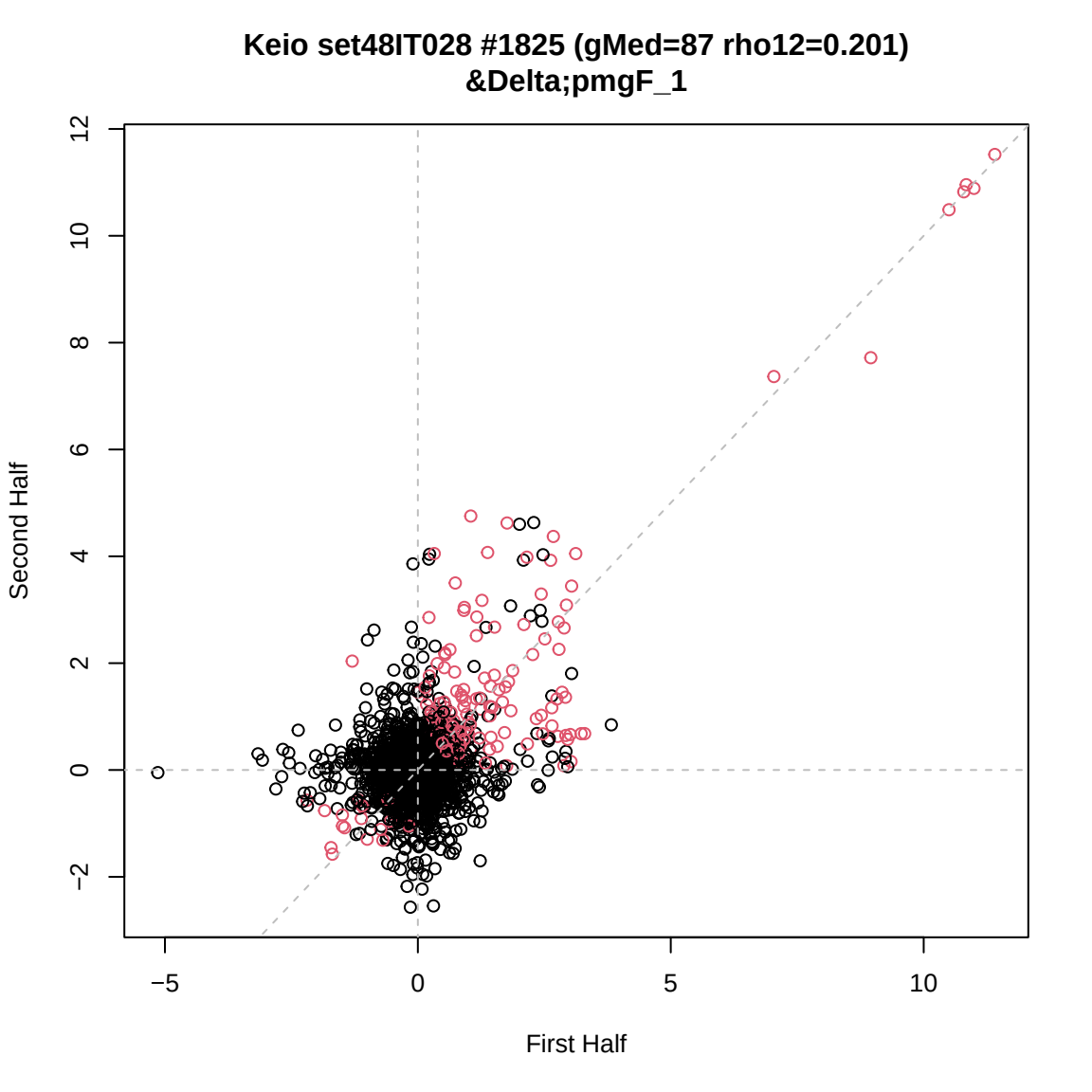

Keio set48IT023 #1820 (gMed=174 rho12=0.165)
Δdbn_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

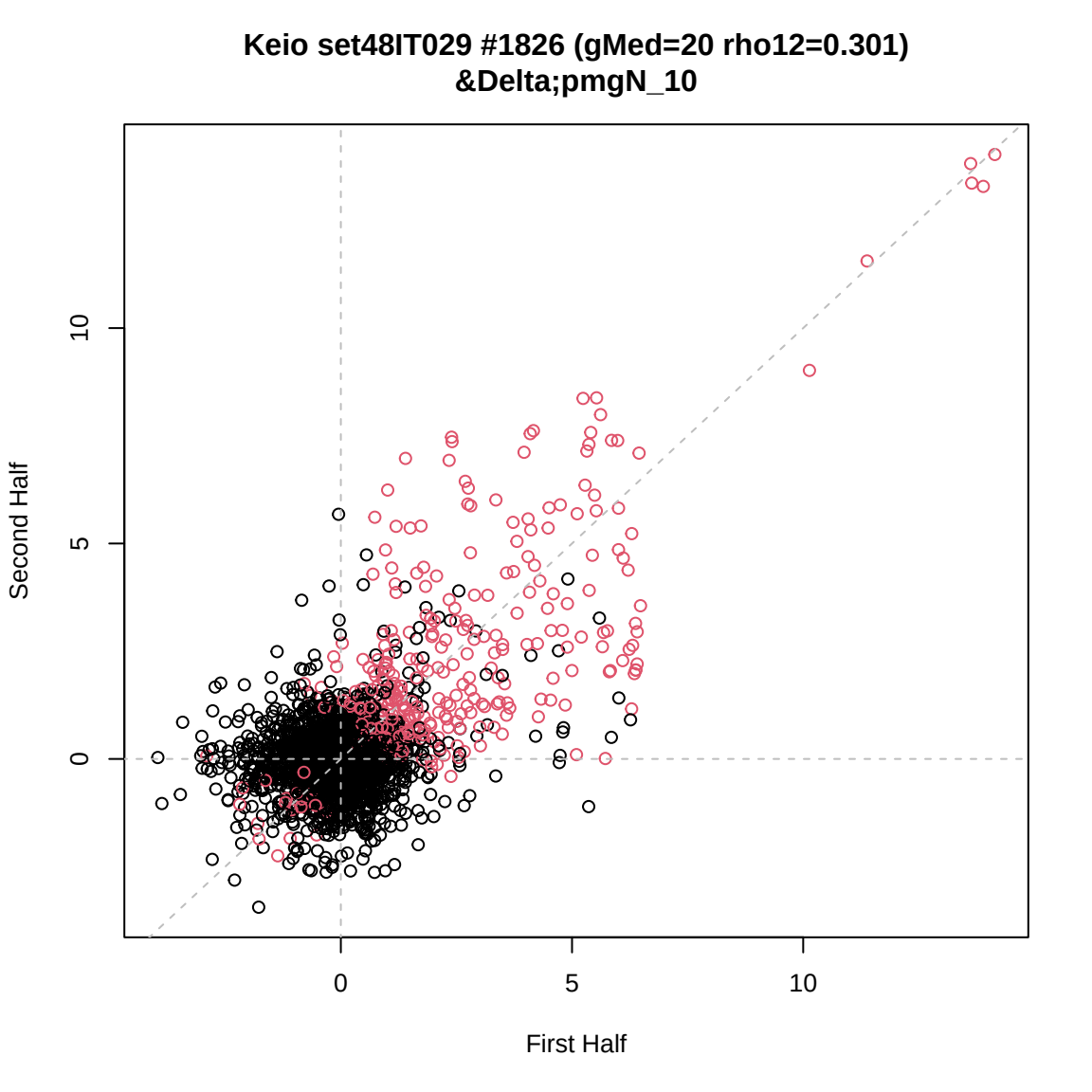

Keio set48IT024 #1821 (gMed=32 rho12=0.262)
Δdbn_1
Second Half
First Half
0
5
10
0
5
10

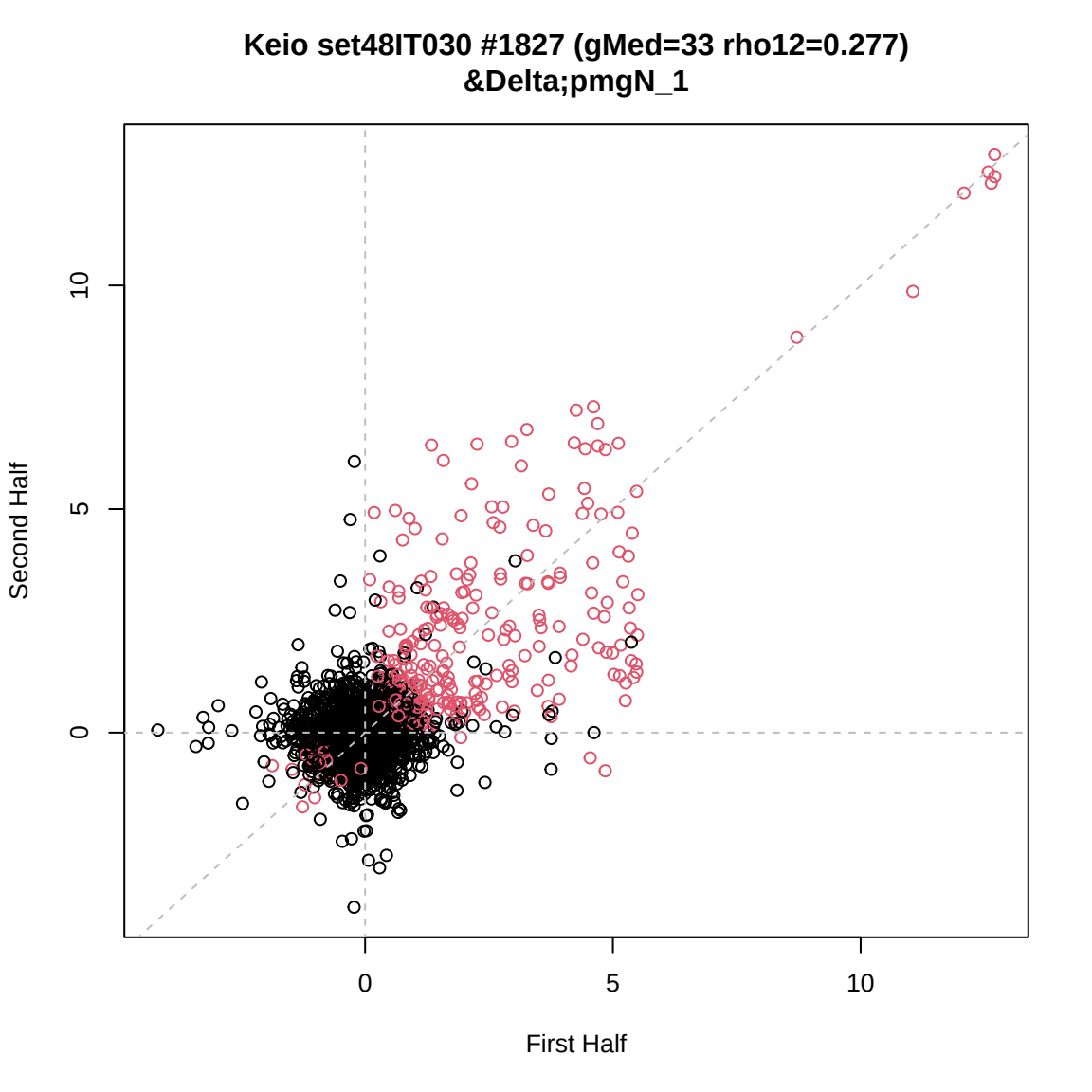

Keio set48IT025 #1822 (gMed=84 rho12=0.174)
ΔpmgF_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

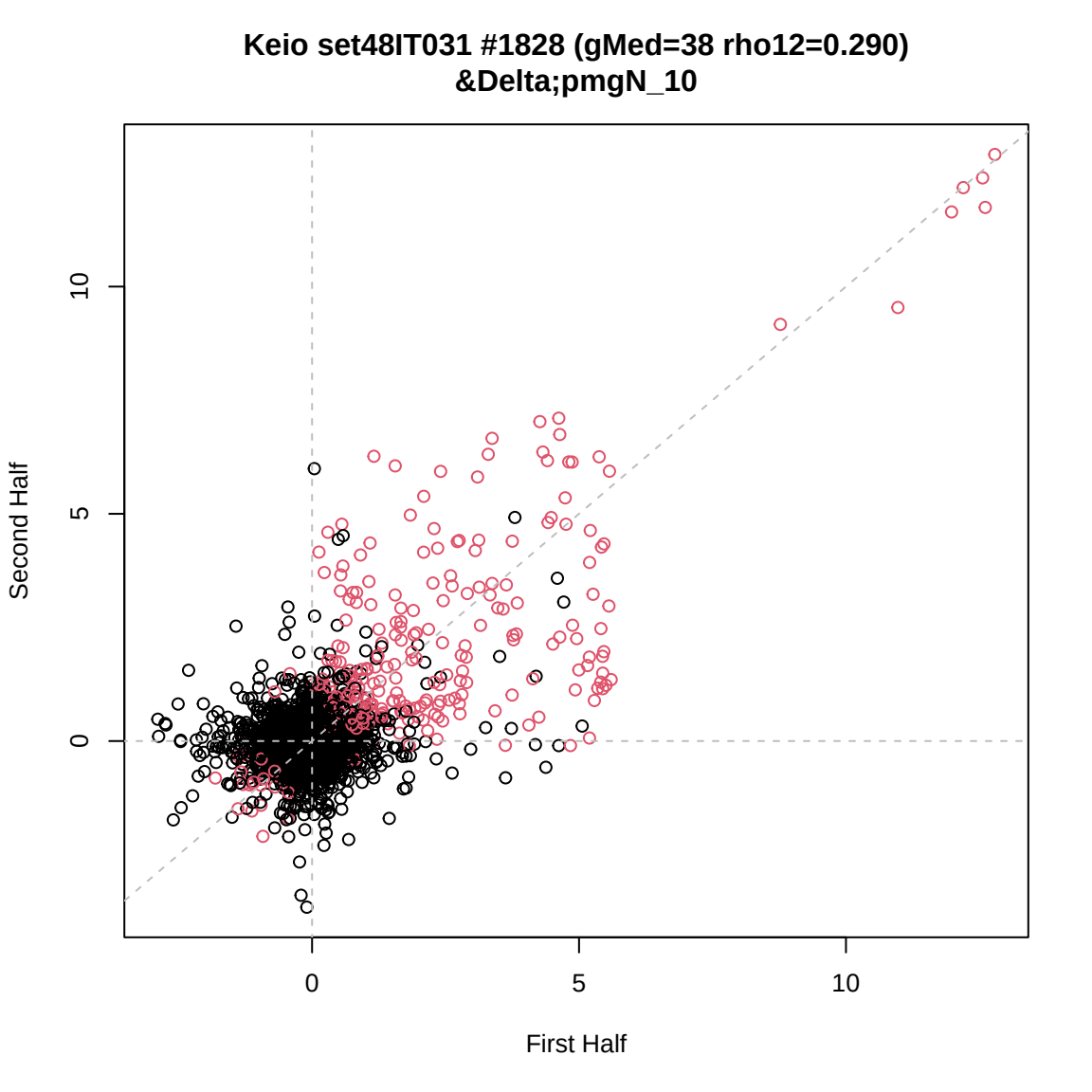

Keio set48IT026 #1823 (gMed=59 rho12=0.214)
ΔpmgF_1
Second Half
First Half
0
5
10
0
5
10

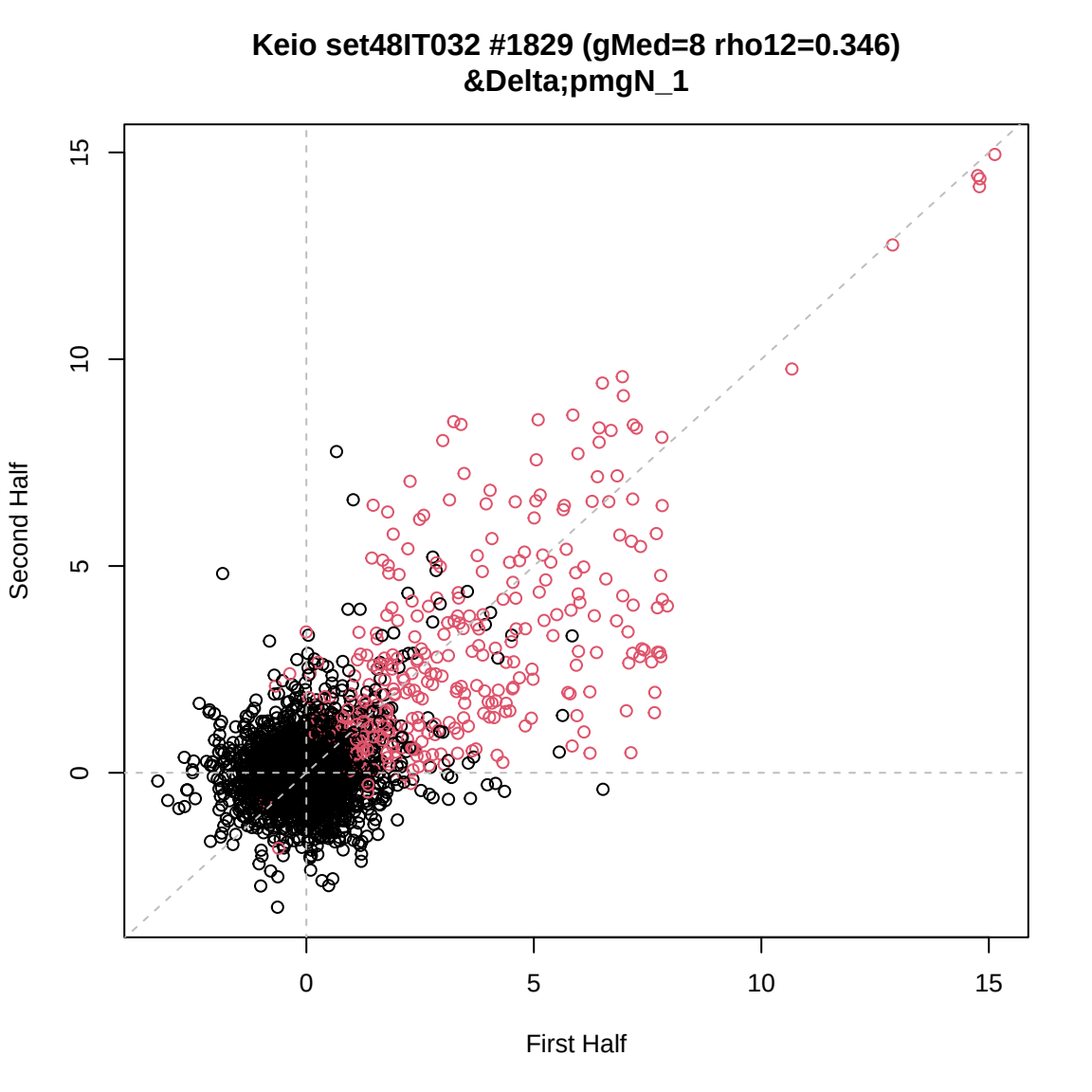

Keio set48IT027 #1824 (gMed=135 rho12=0.169)
ΔpmgF_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

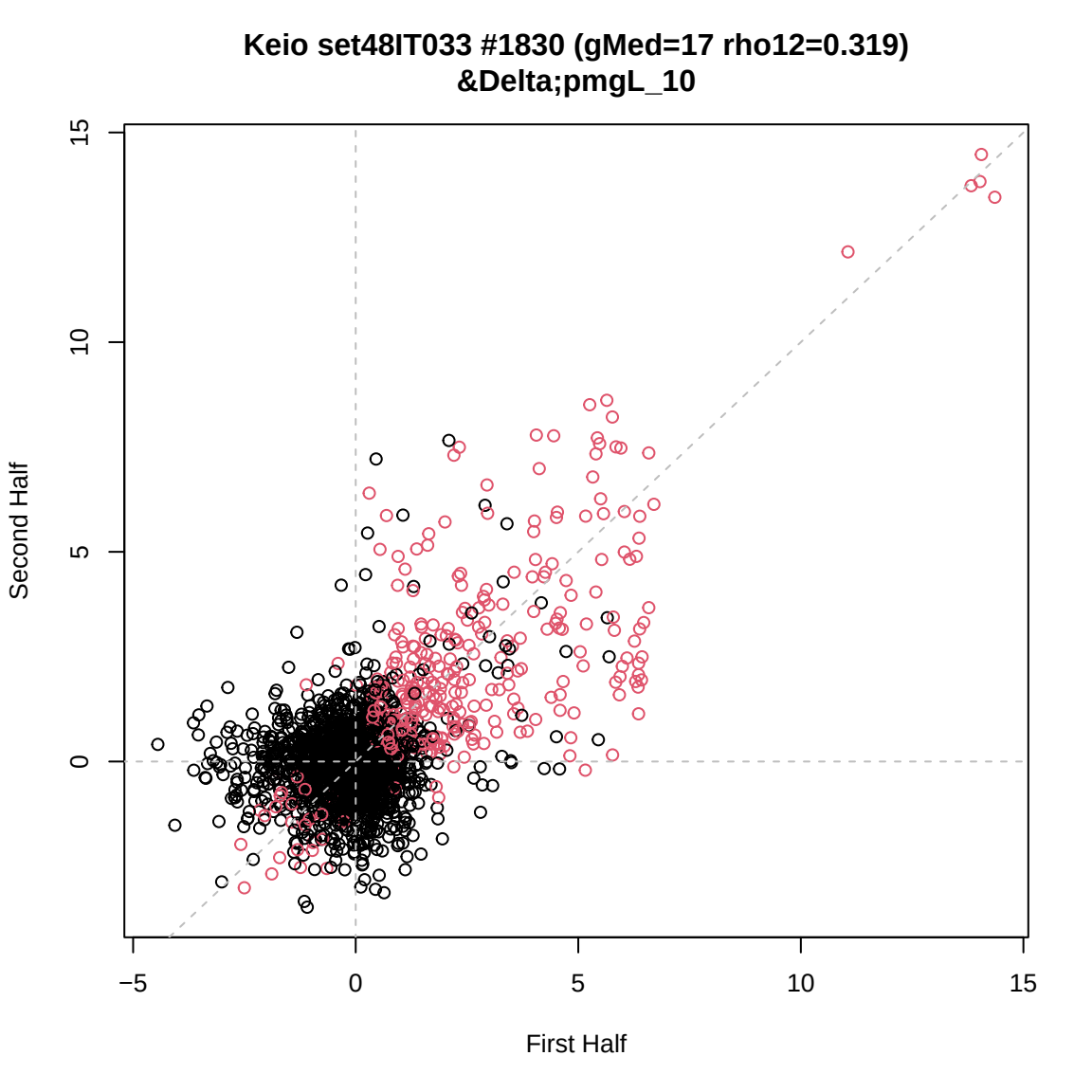

Keio set48IT028 #1825 (gMed=87 rho12=0.201)
ΔpmgF_1
Second Half
First Half
12
10
8
6
4
2
0
−2
−5
0
5
10

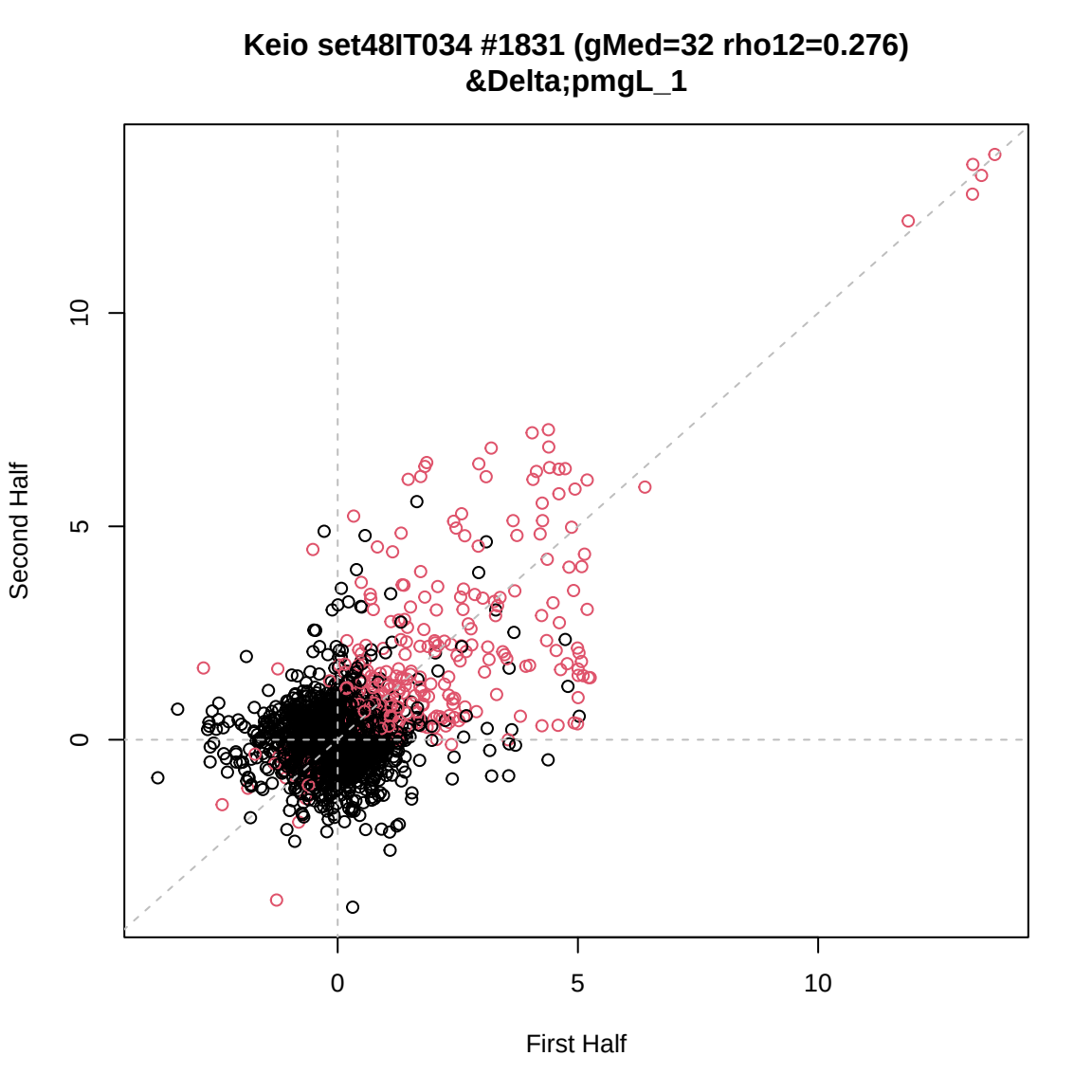

Keio set48IT029 #1826 (gMed=20 rho12=0.301)
ΔpmgN_10
Second Half
First Half
0
5
10
0
5
10

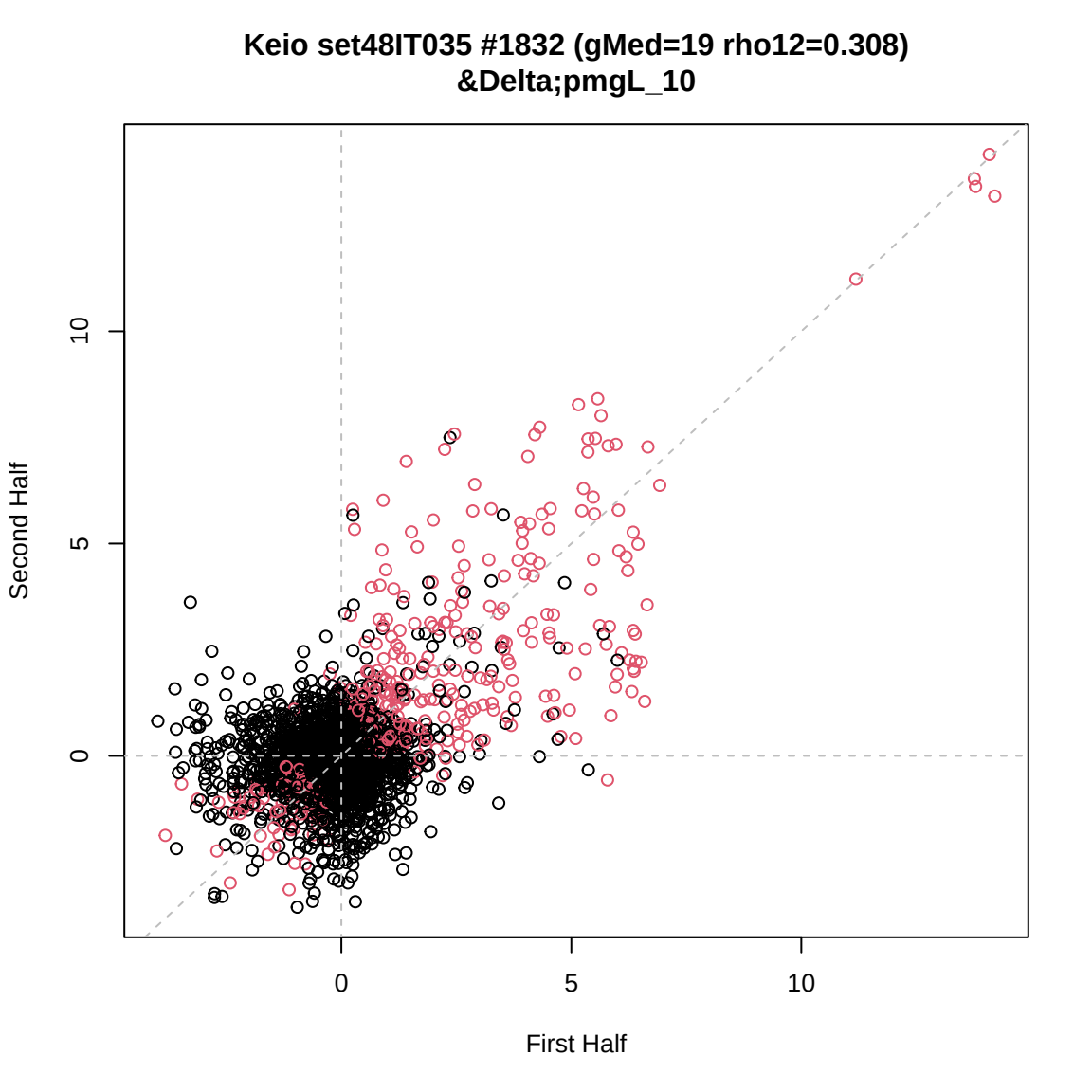

Keio set48IT030 #1827 (gMed=33 rho12=0.277)
ΔpmgN_1
Second Half
First Half
0
5
10
0
5
10

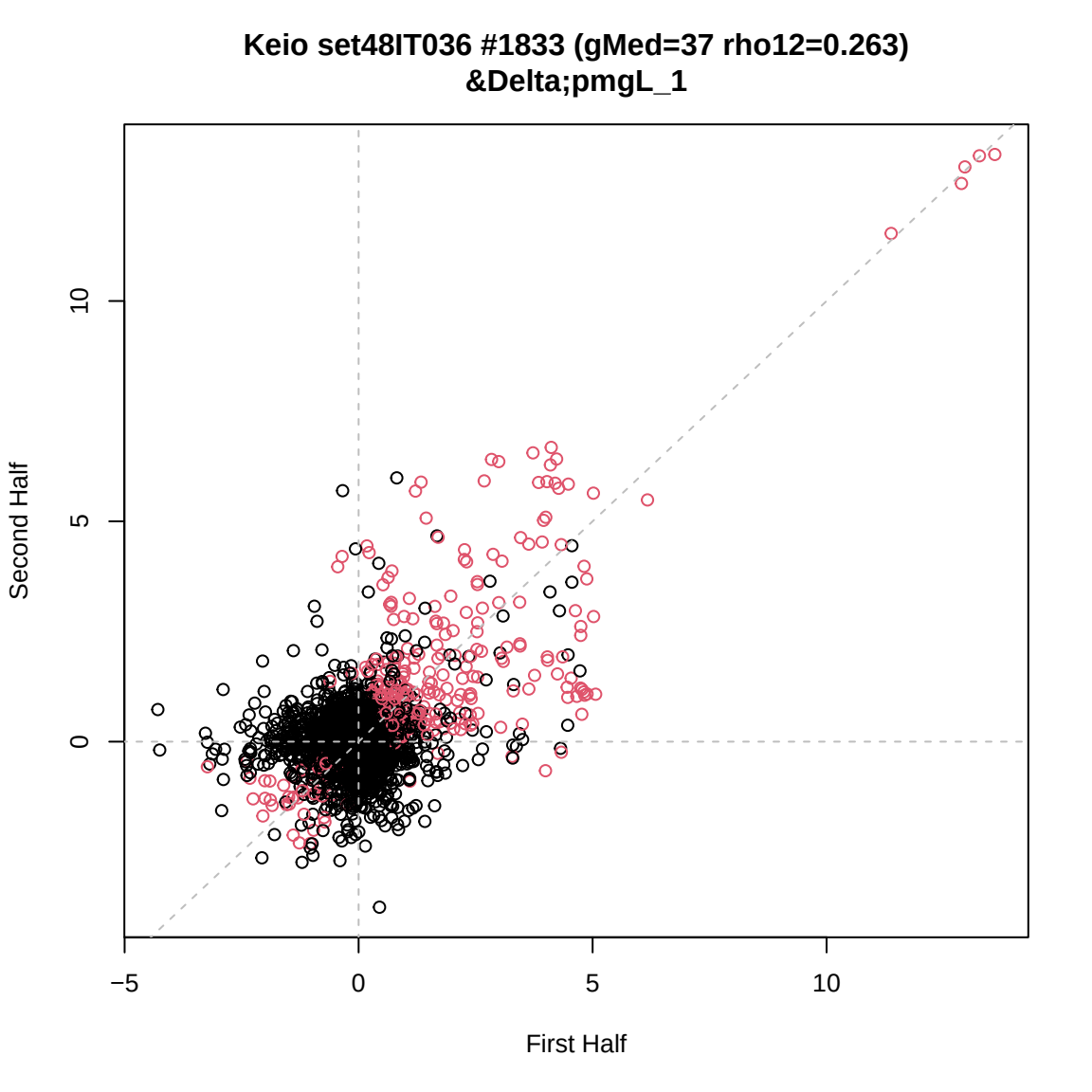

Keio set48IT031 #1828 (gMed=38 rho12=0.290)
ΔpmgN_10
Second Half
First Half
0
5
10
0
5
10

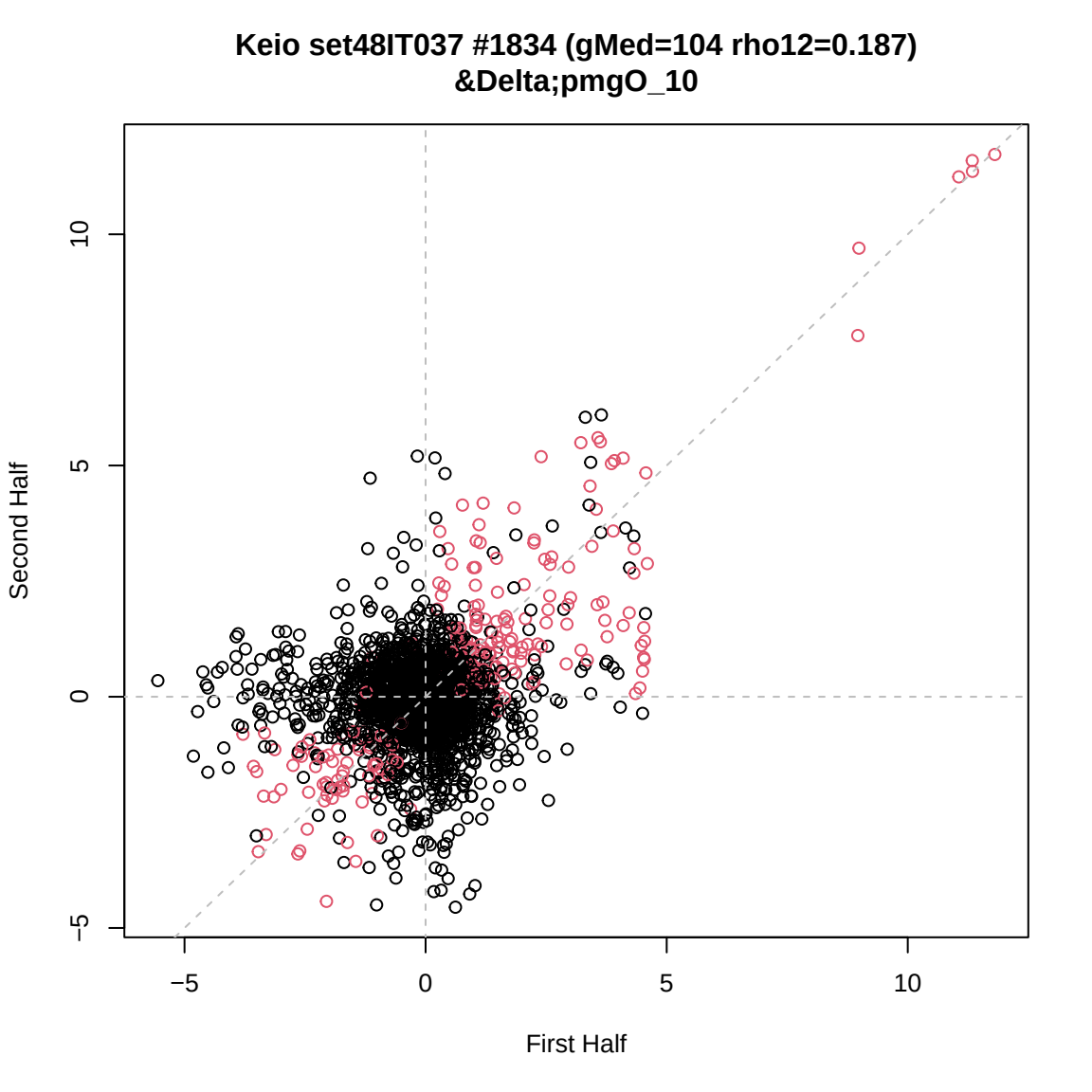

Keio set48IT032 #1829 (gMed=8 rho12=0.346)
ΔpmgN_1
Second Half
First Half
0
5
10
15

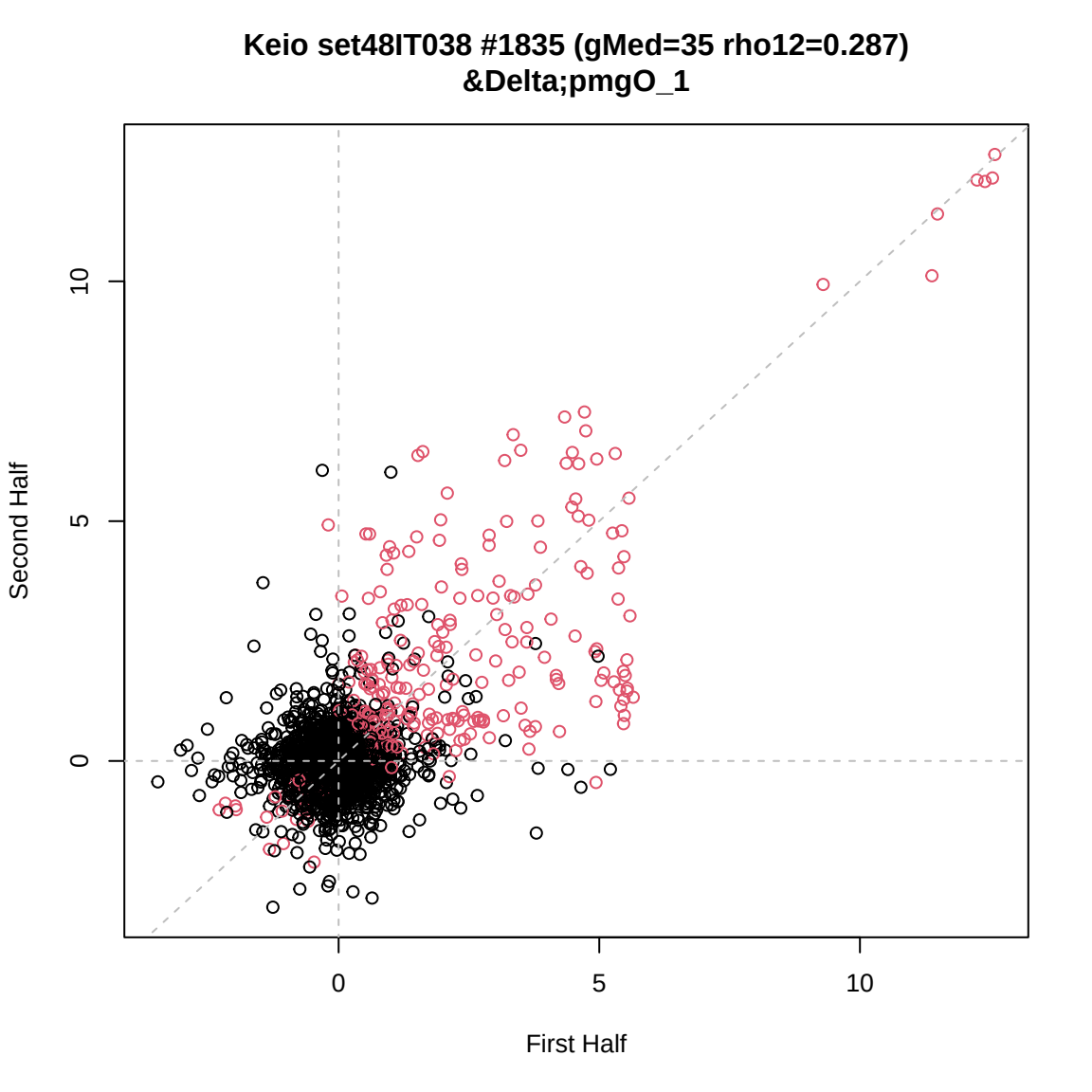

Keio set48IT033 #1830 (gMed=17 rho12=0.319)
ΔpmgL_10
Second Half
First Half
15
10
5
0
−5
0
5
10
15

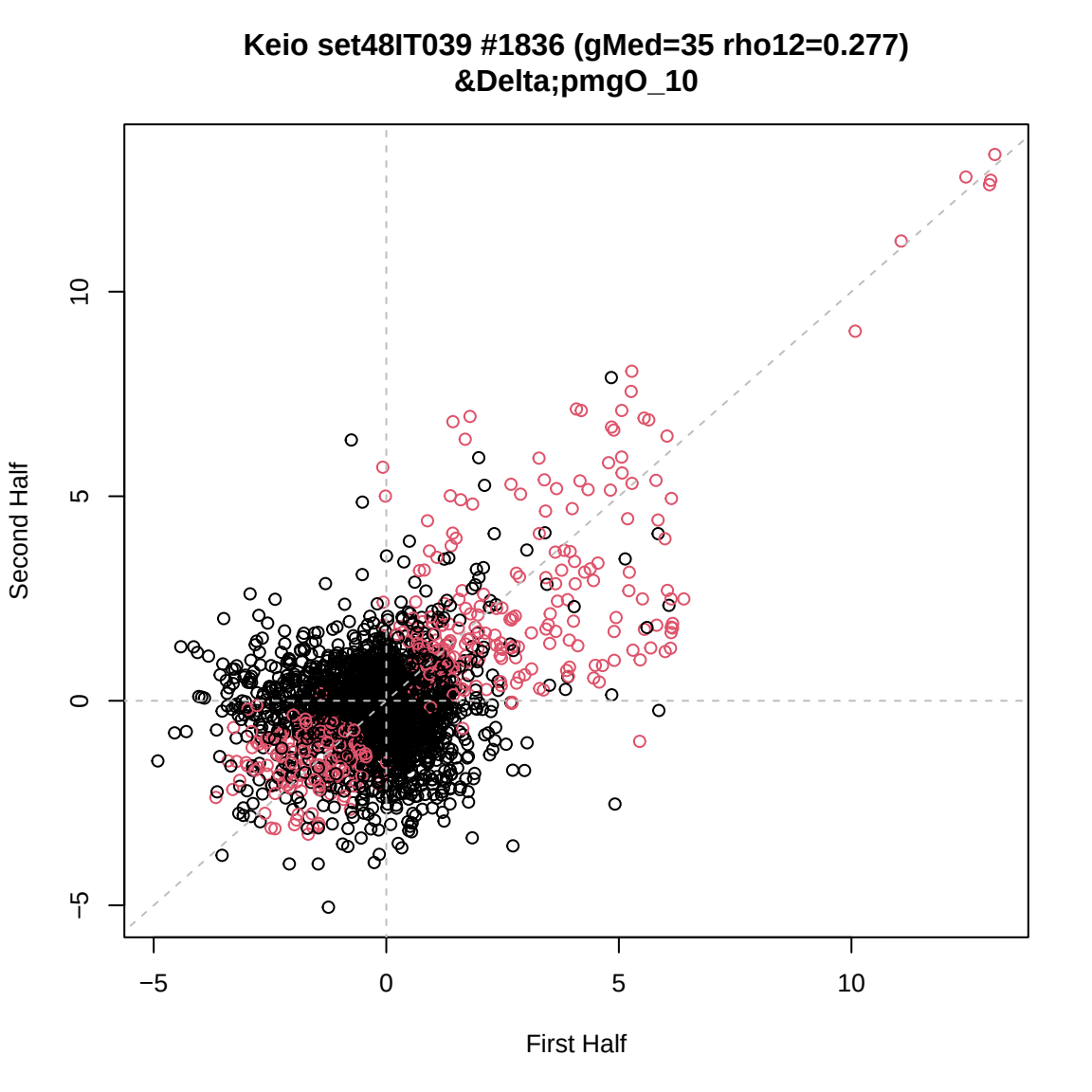

Keio set48IT034 #1831 (gMed=32 rho12=0.276)
ΔpmgL_1
Second Half
First Half
0
5
10
0
5
10

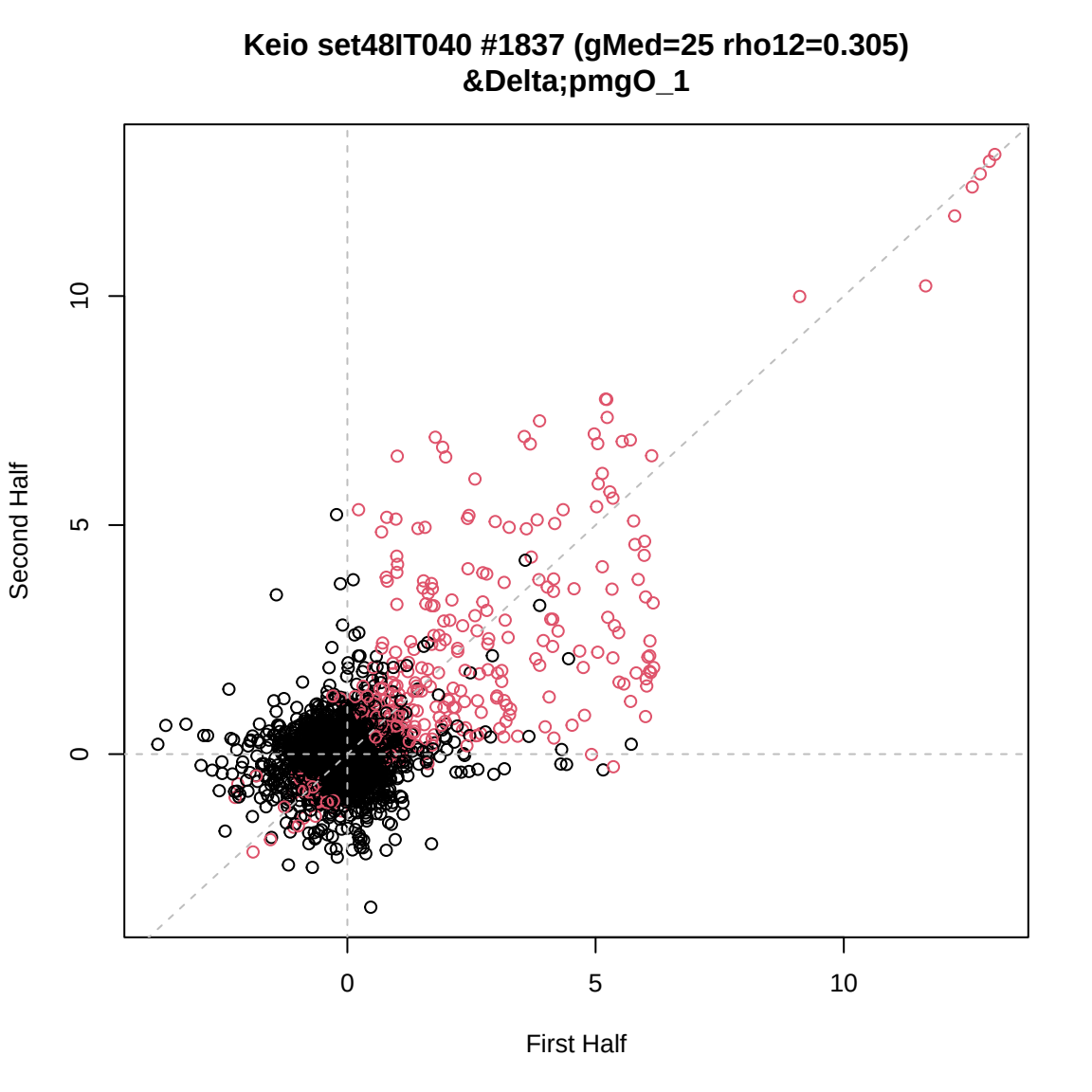

Keio set48IT035 #1832 (gMed=19 rho12=0.308)
ΔpmgL_10
Second Half
First Half
0
5
10
0
5
10

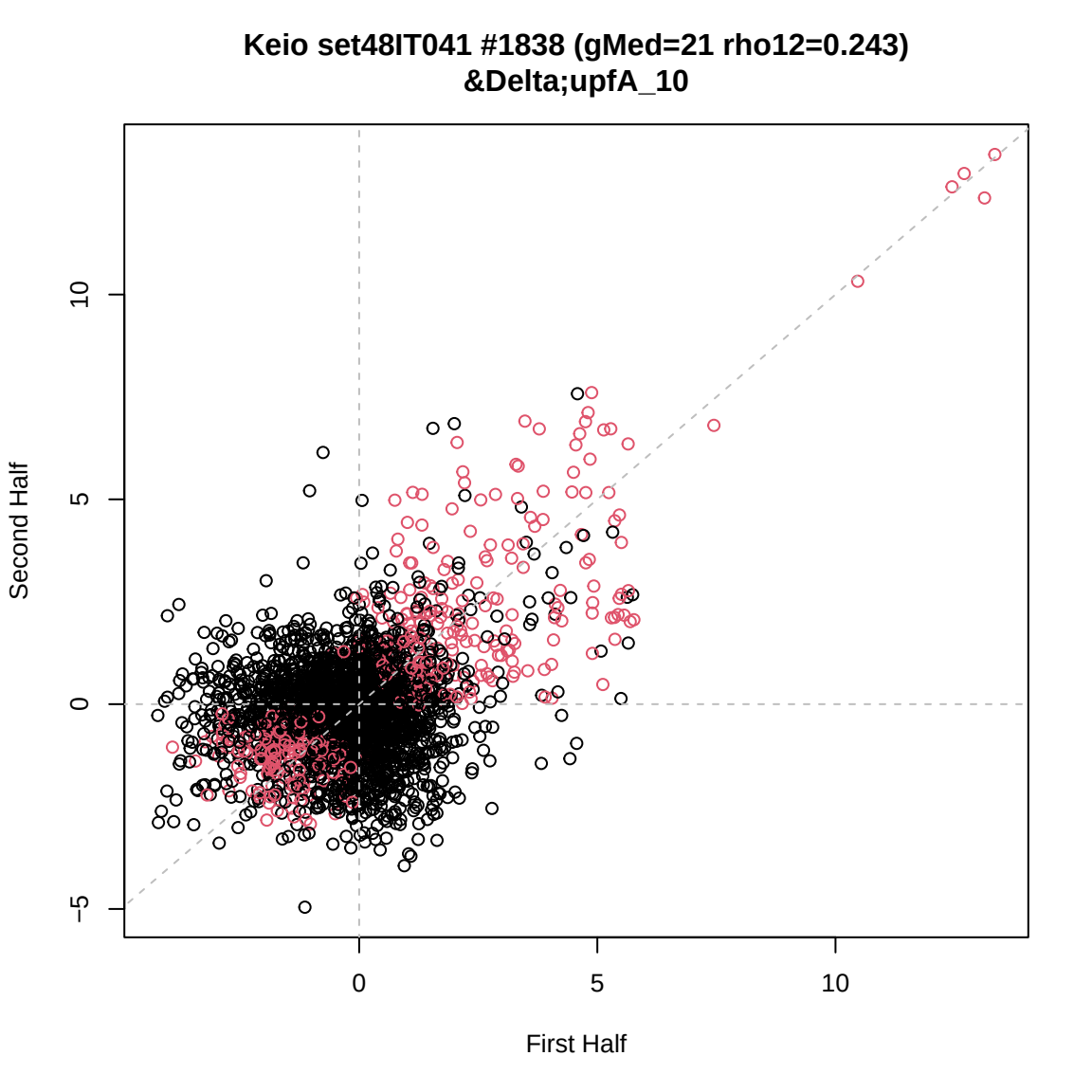

Keio set48IT036 #1833 (gMed=37 rho12=0.263)
ΔpmgL_1
Second Half
First Half
−5
0
5
10
0
5
10

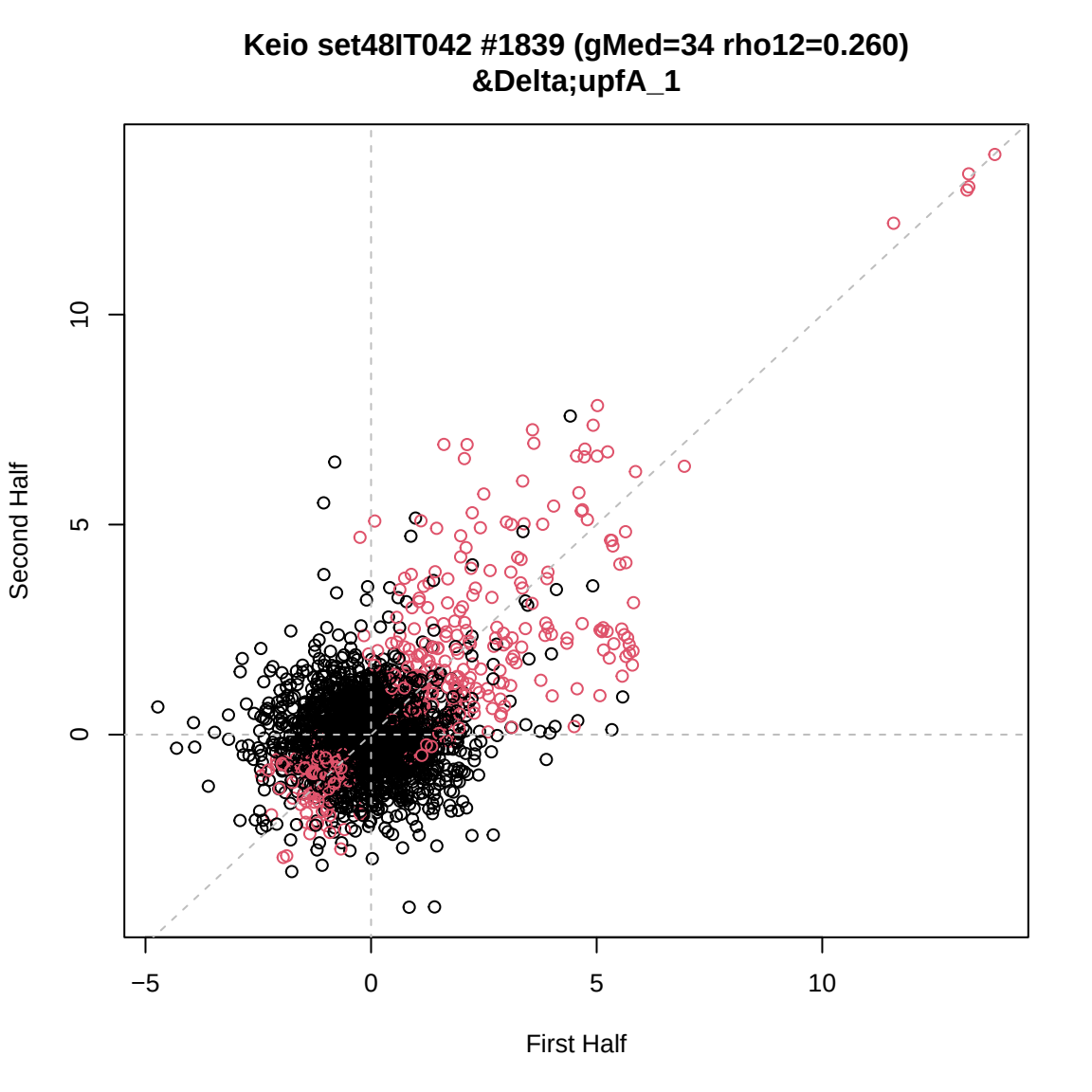

Keio set48IT037 #1834 (gMed=104 rho12=0.187)
ΔpmgO_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

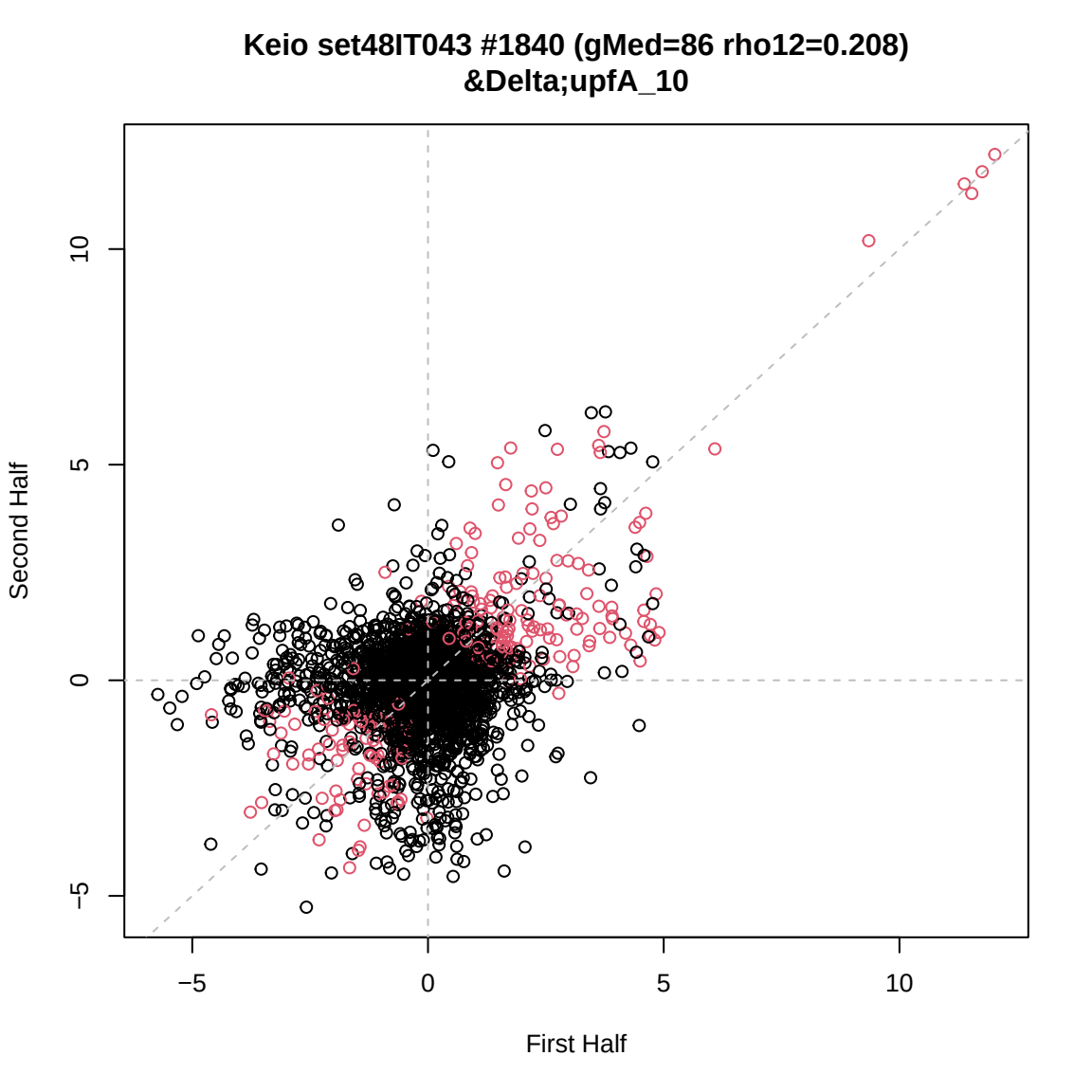

Keio set48IT038 #1835 (gMed=35 rho12=0.287)
ΔpmgO_1
Second Half
First Half
0
5
10
0
5
10

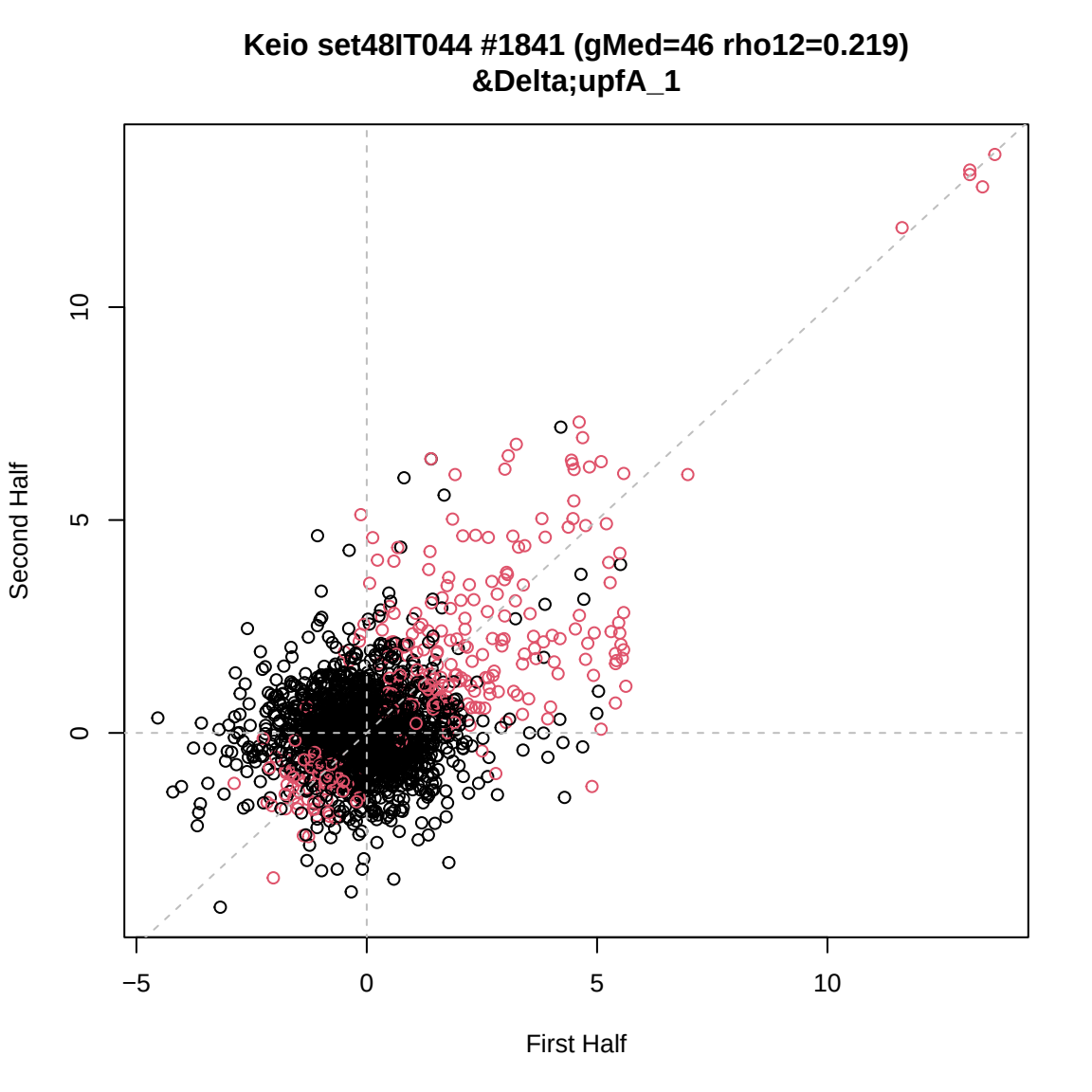

Keio set48IT039 #1836 (gMed=35 rho12=0.277)
ΔpmgO_10
Second Half
First Half
−5
0
5
10
−5
0
5
10

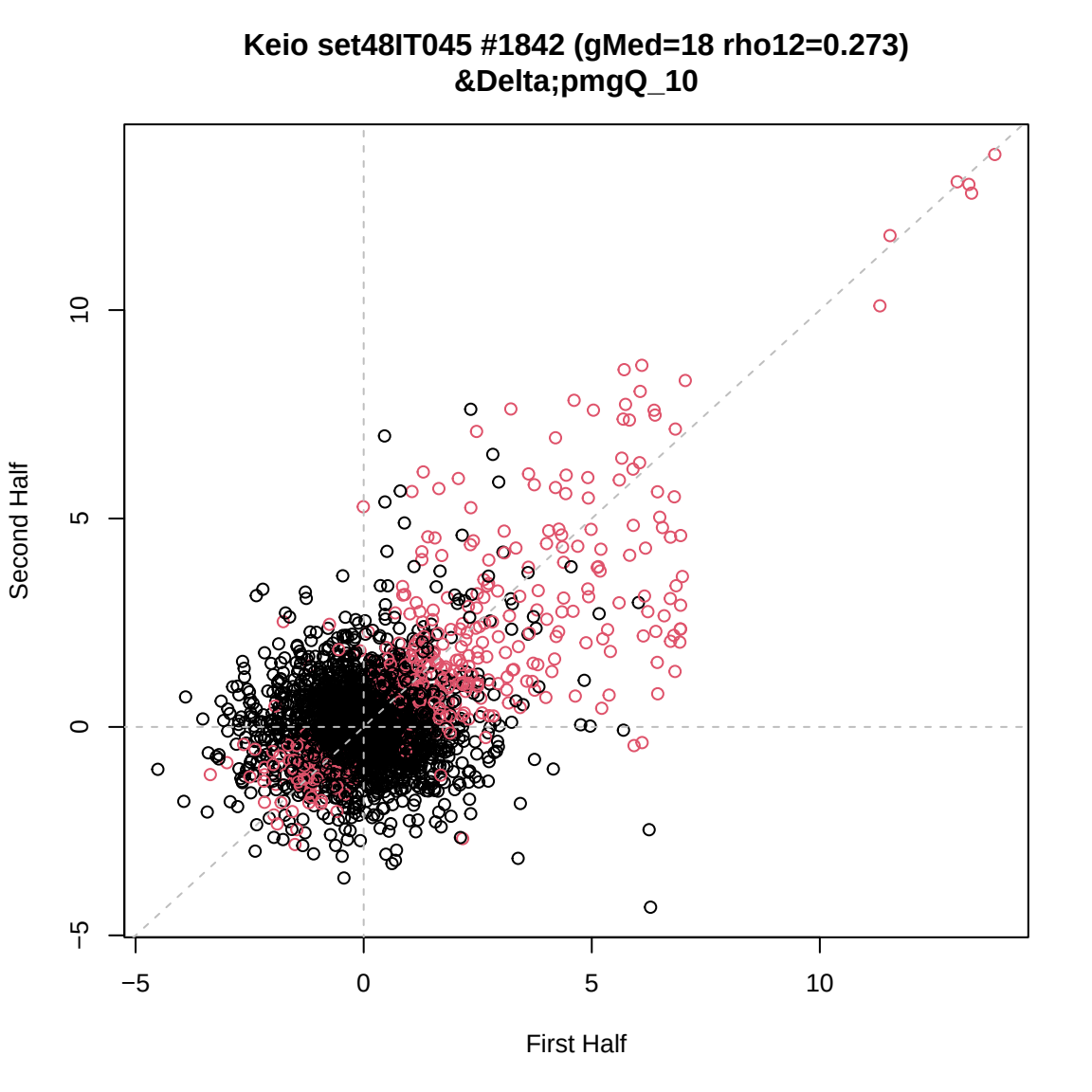

Keio set48IT040 #1837 (gMed=25 rho12=0.305)
ΔpmgO_1
Second Half
First Half
0
5
10
0
5
10

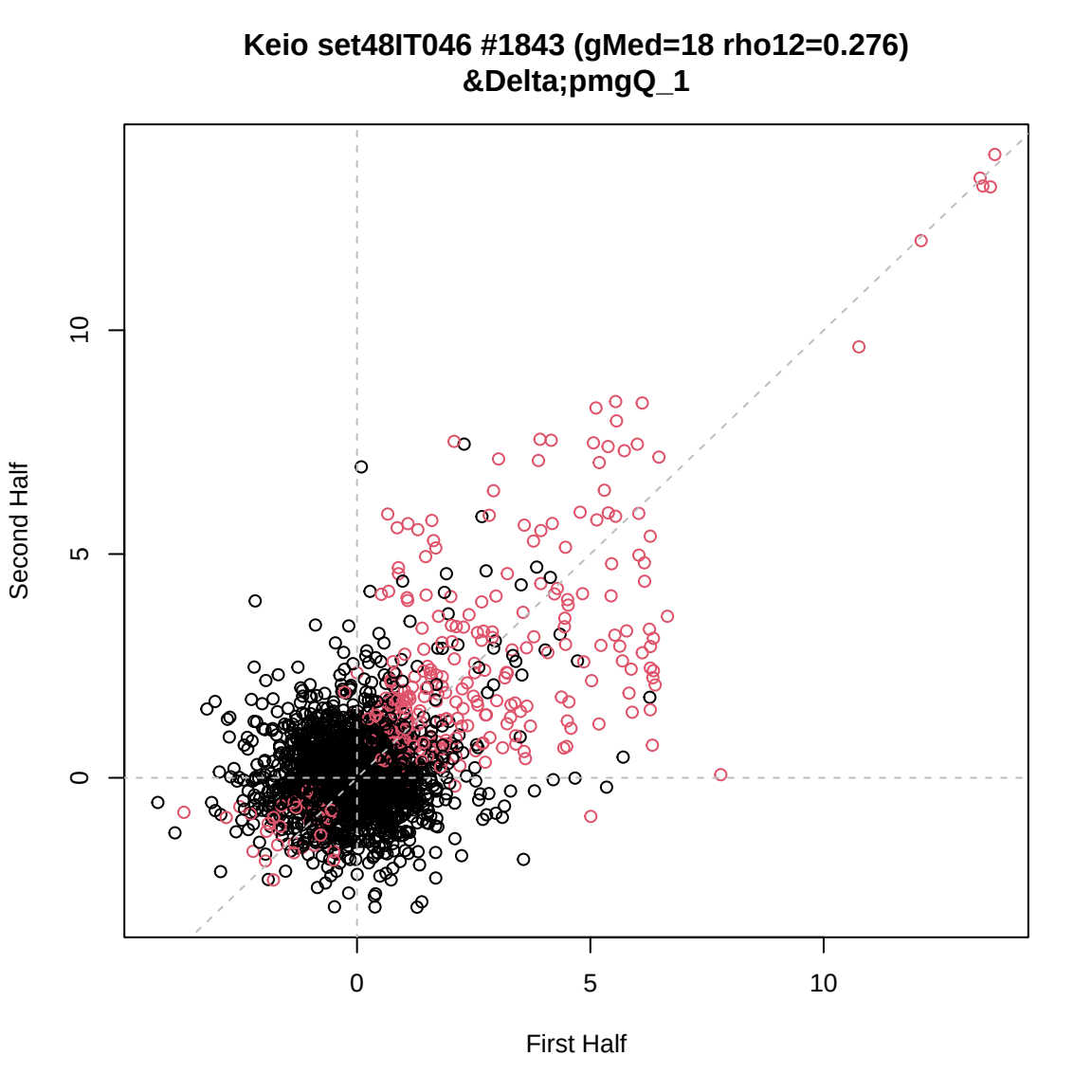

Keio set48IT041 #1838 (gMed=21 rho12=0.243)
ΔupfA_10
Second Half
First Half
10
5
0
−5
0
5
10

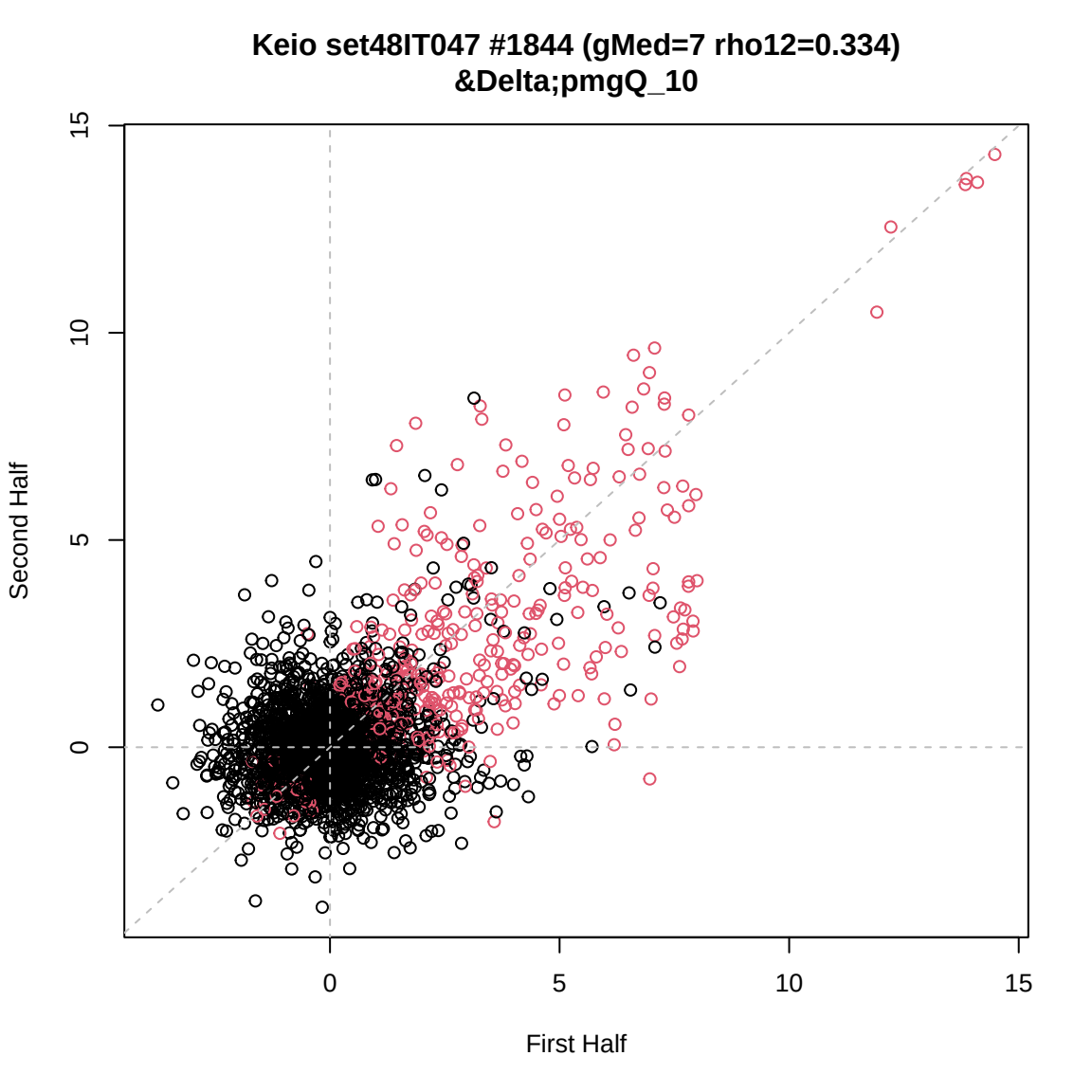

Keio set48IT042 #1839 (gMed=34 rho12=0.260)
ΔupfA_1
Second Half
First Half
10
5
0
−5
0
5
10

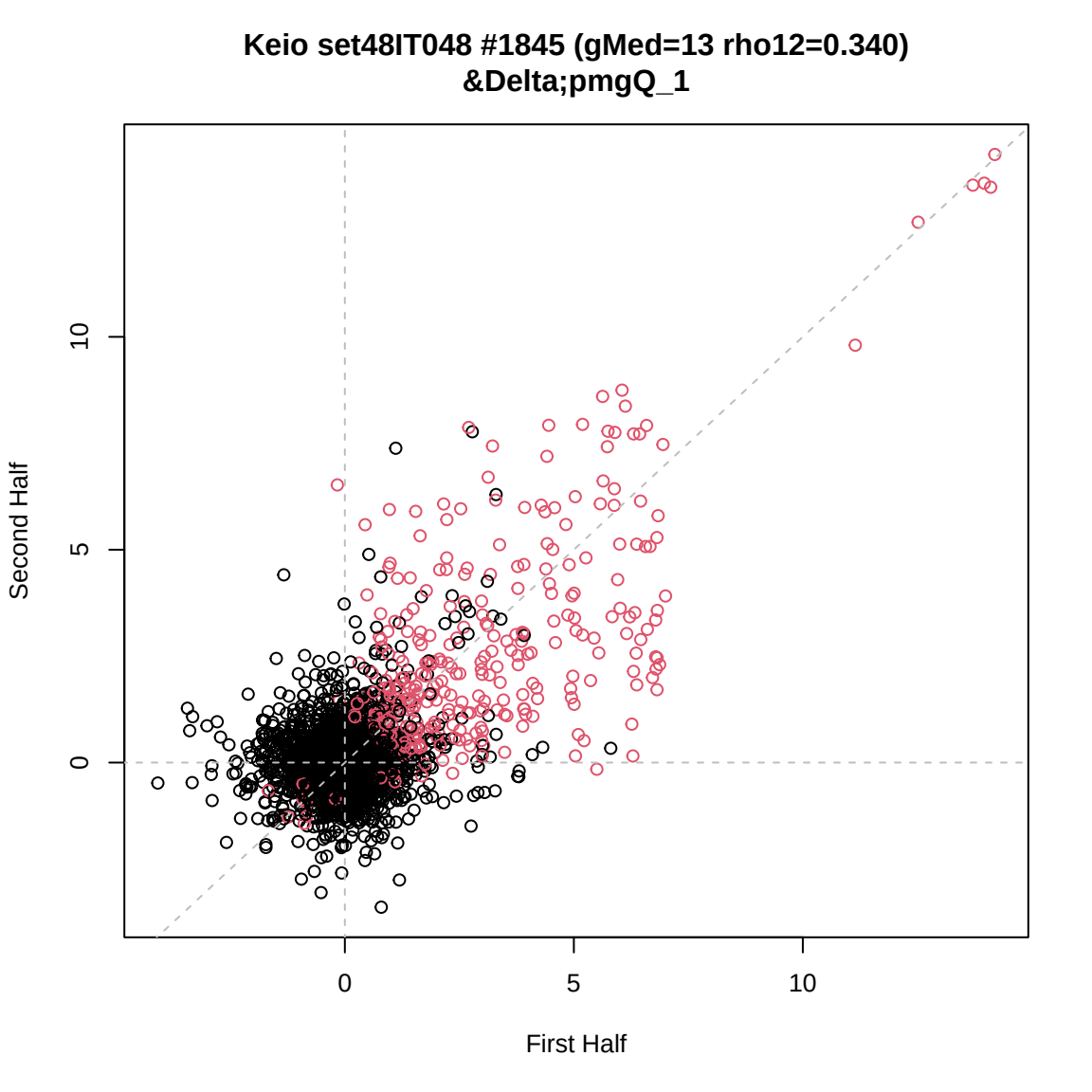

Keio set48IT043 #1840 (gMed=86 rho12=0.208)
ΔupfA_10
Second Half
First Half
−5
0
5
10
−5
0
5
10

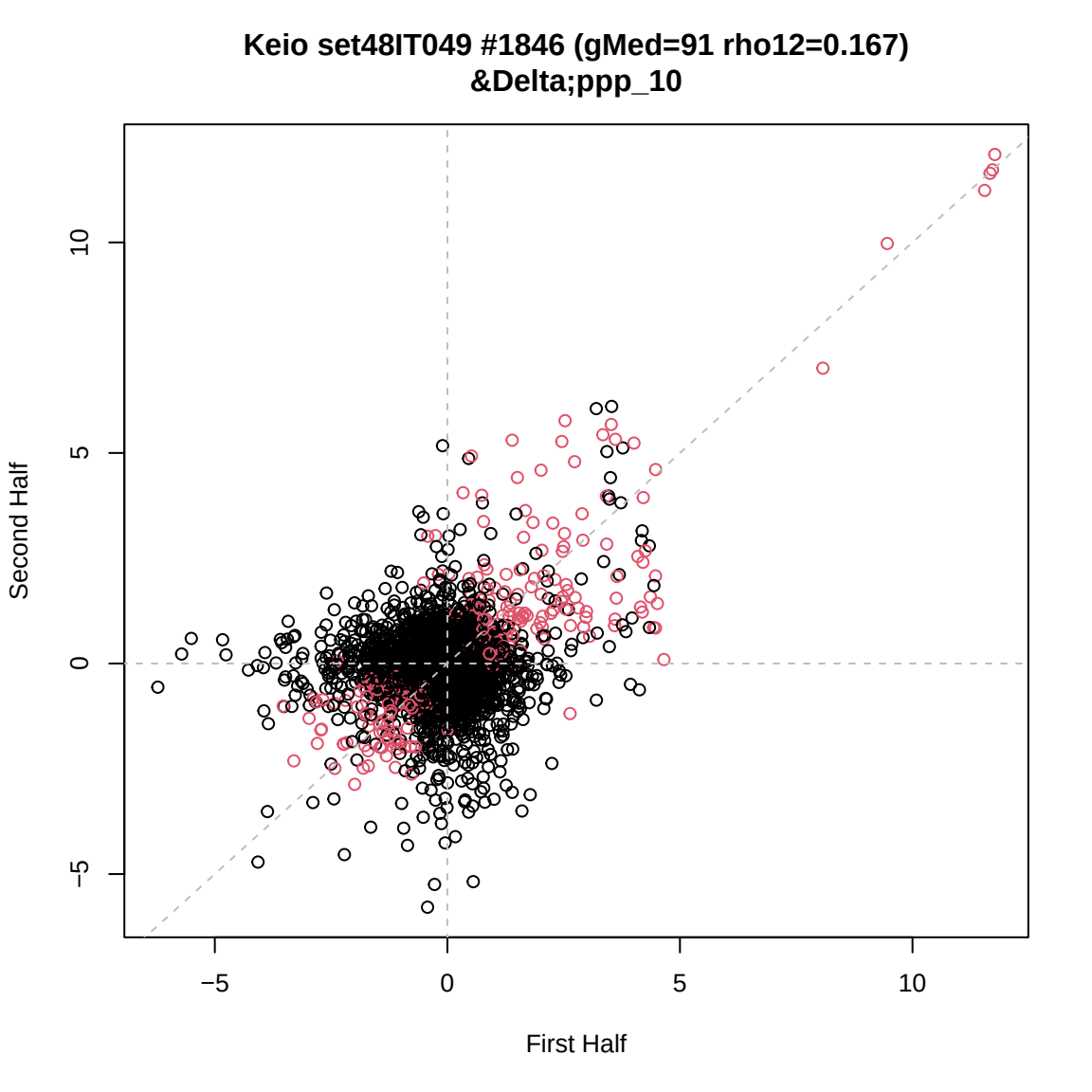

Keio set48IT044 #1841 (gMed=46 rho12=0.219)
ΔupfA_1
Second Half
First Half
10
5
0
−5
0
5
10

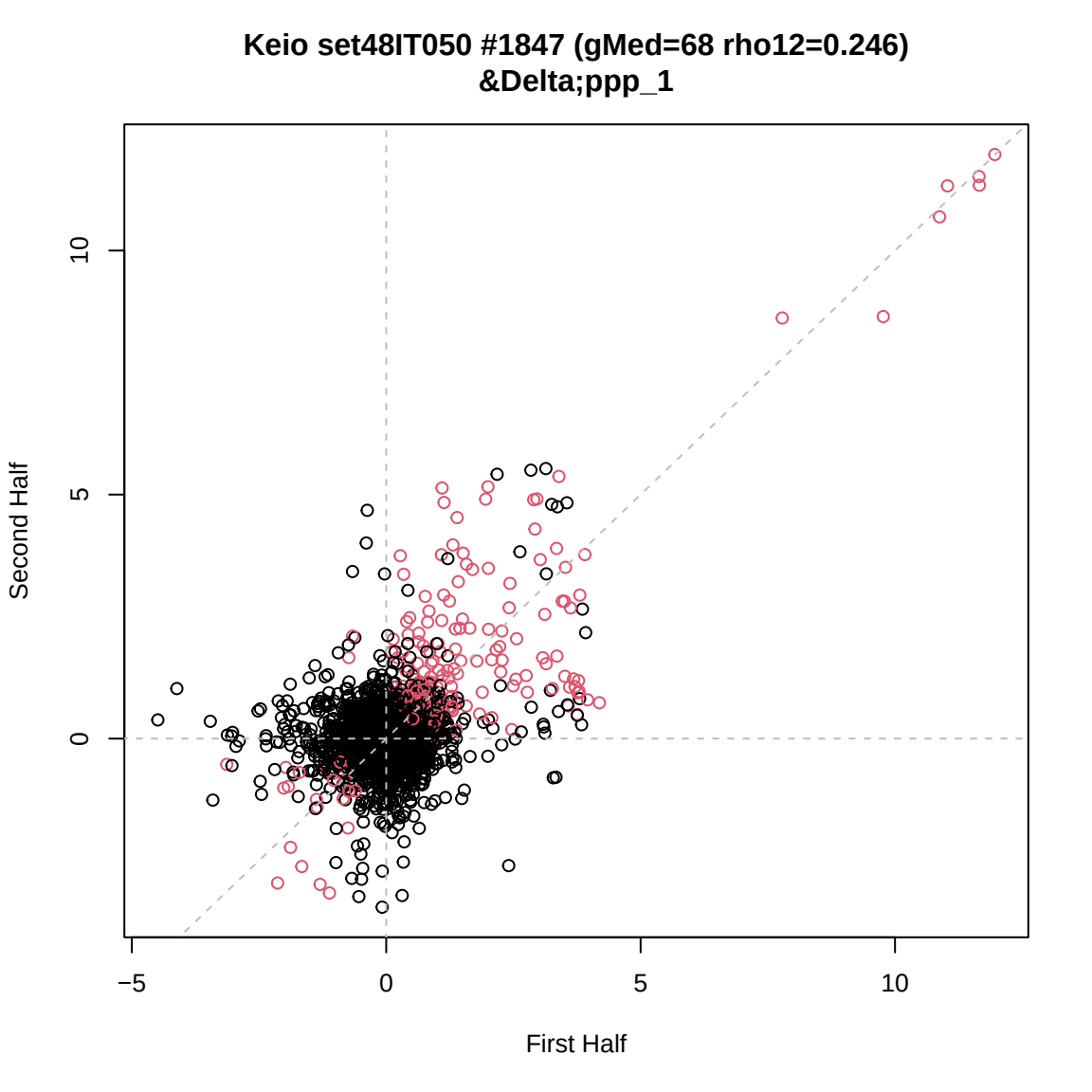

Keio set48IT045 #1842 (gMed=18 rho12=0.273)
ΔpmgQ_10
Second Half
First Half
−5
0
5
10

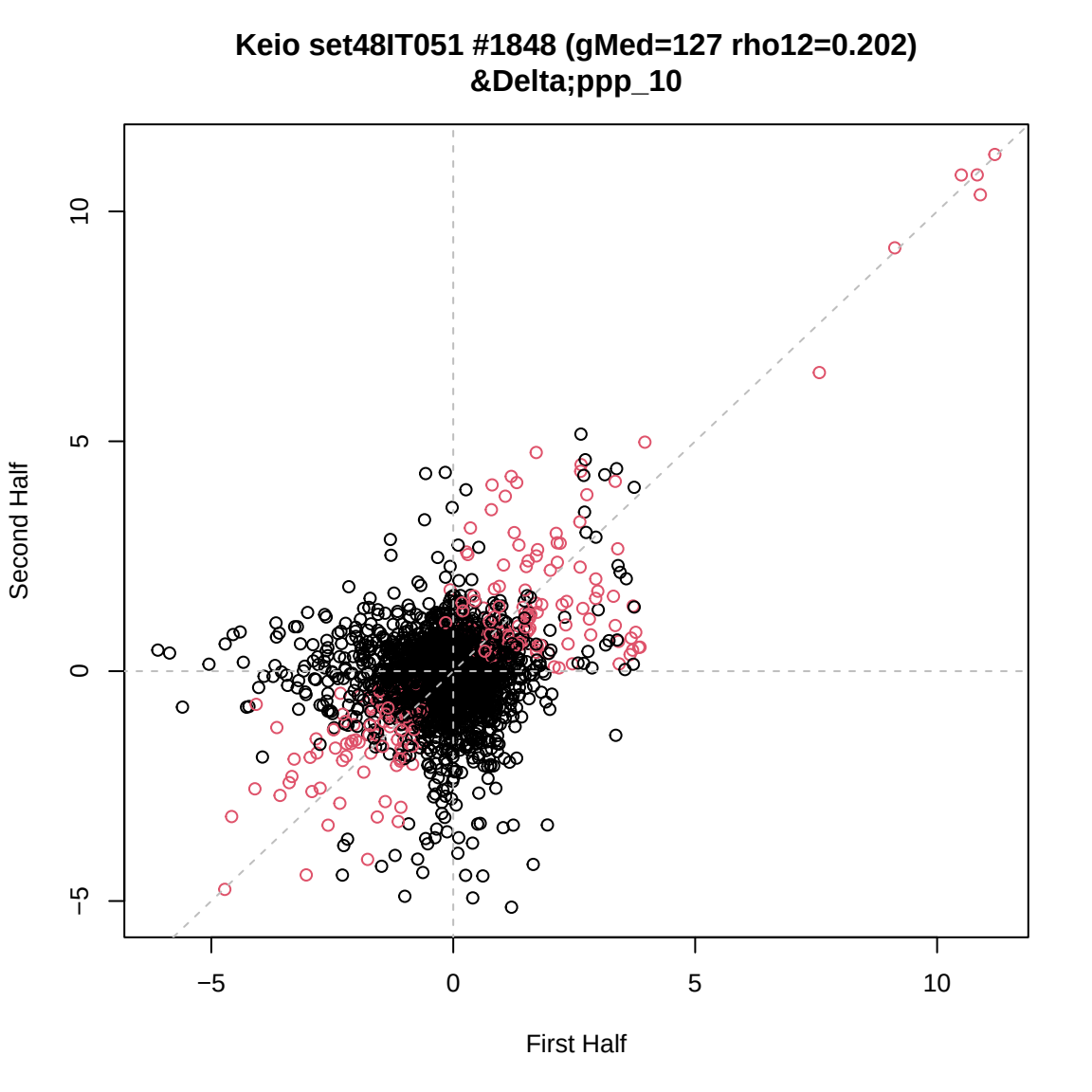

Keio set48IT046 #1843 (gMed=18 rho12=0.276)
ΔpmgQ_1
Second Half
First Half
0
5
10
0
5
10

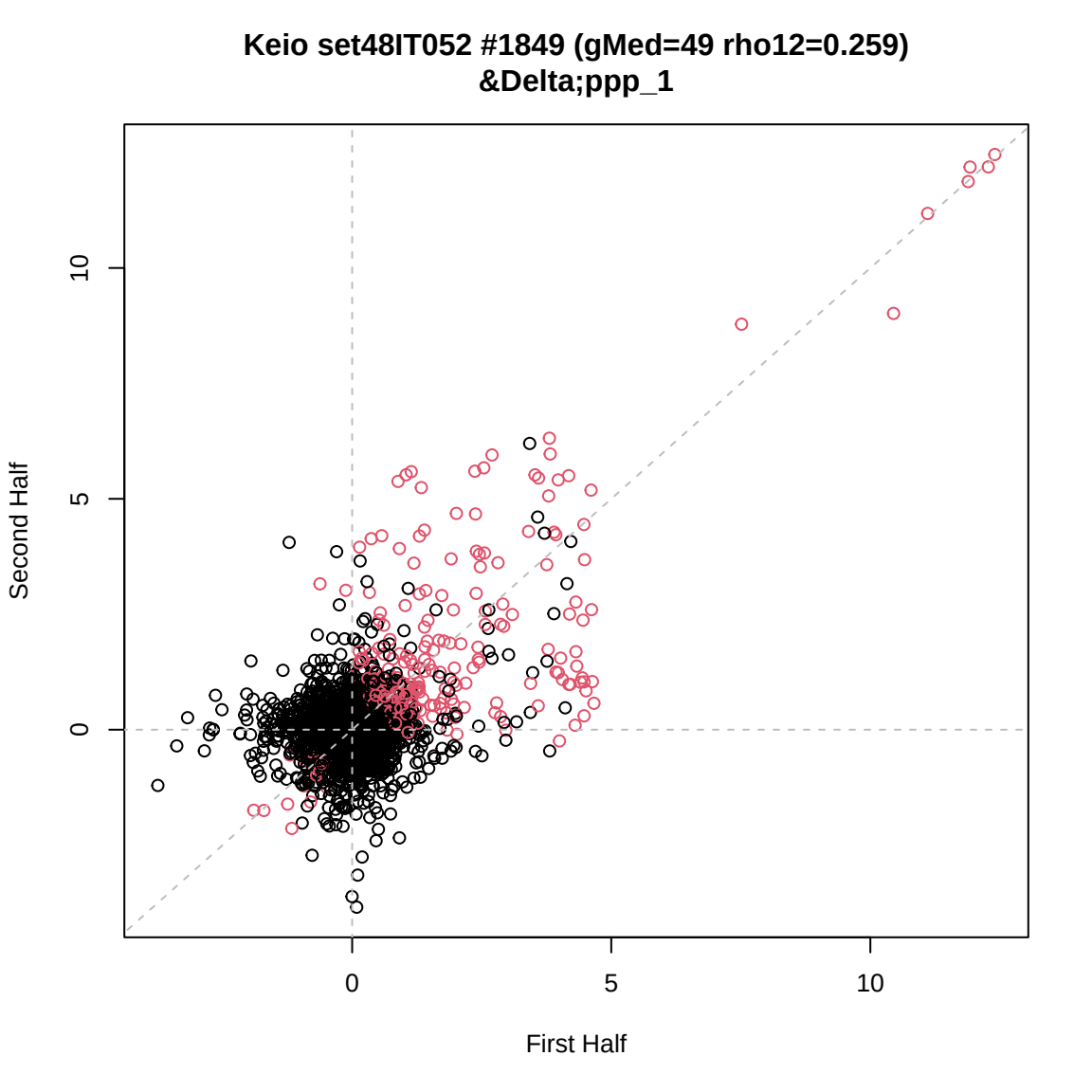

Keio set48IT047 #1844 (gMed=7 rho12=0.334)
ΔpmgQ_10
Second Half
First Half
0
5
10
15

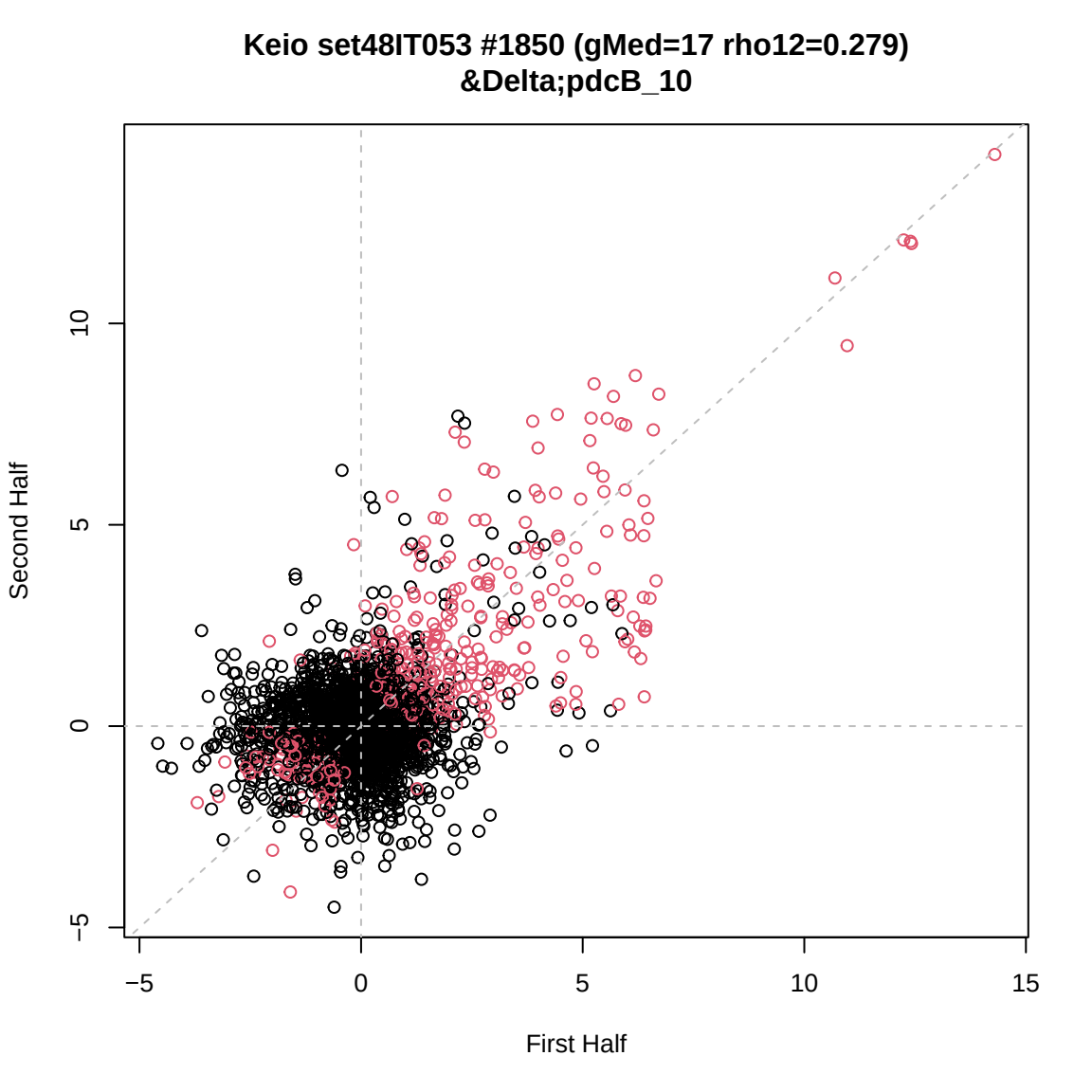

Keio set48IT048 #1845 (gMed=13 rho12=0.340)
ΔpmgQ_1
Second Half
First Half
0
5
10
0
5
10

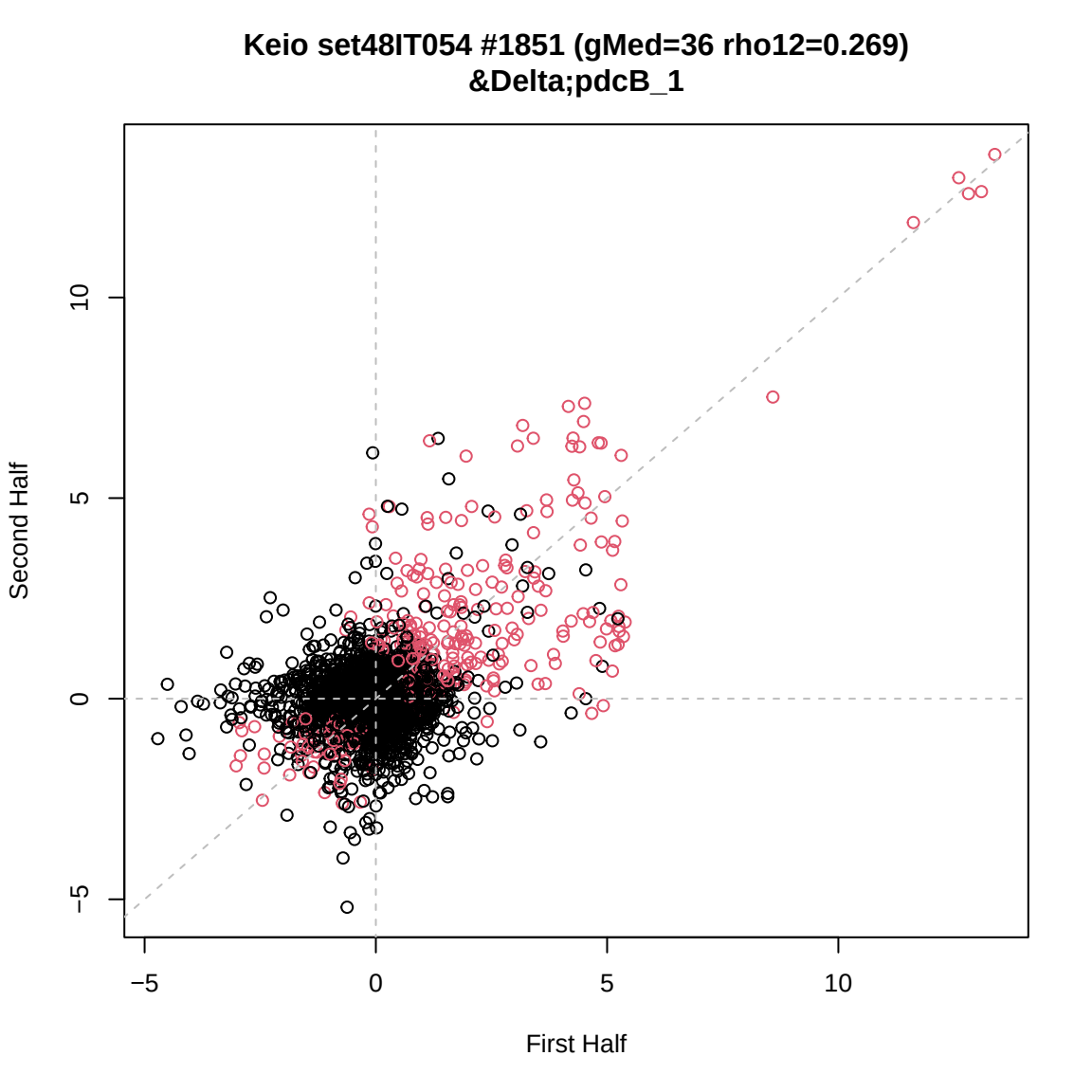

Keio set48IT049 #1846 (gMed=91 rho12=0.167)
Δppp_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

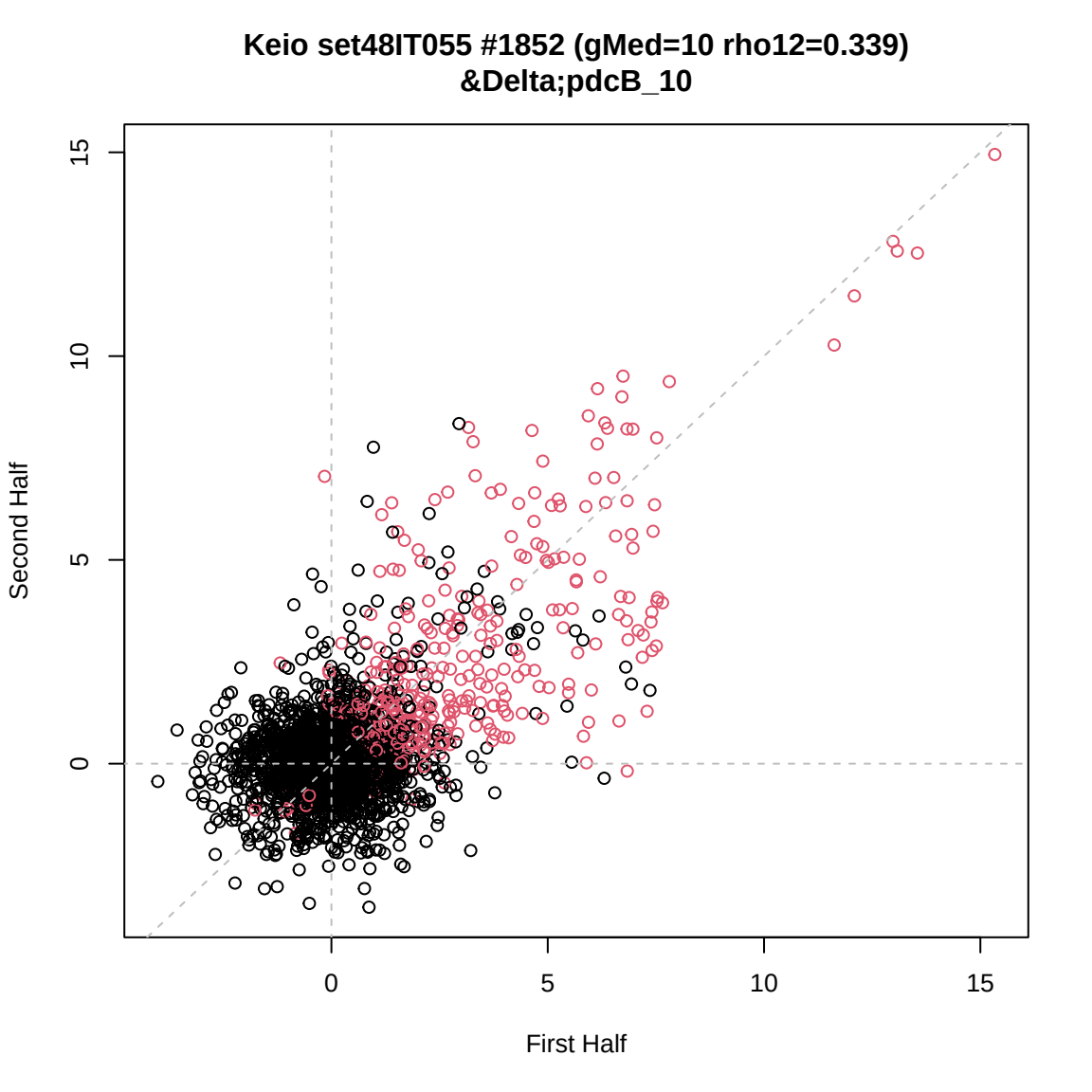

Keio set48IT050 #1847 (gMed=68 rho12=0.246)
Δppp_1
Second Half
First Half
10
5
0
−5
0
5
10

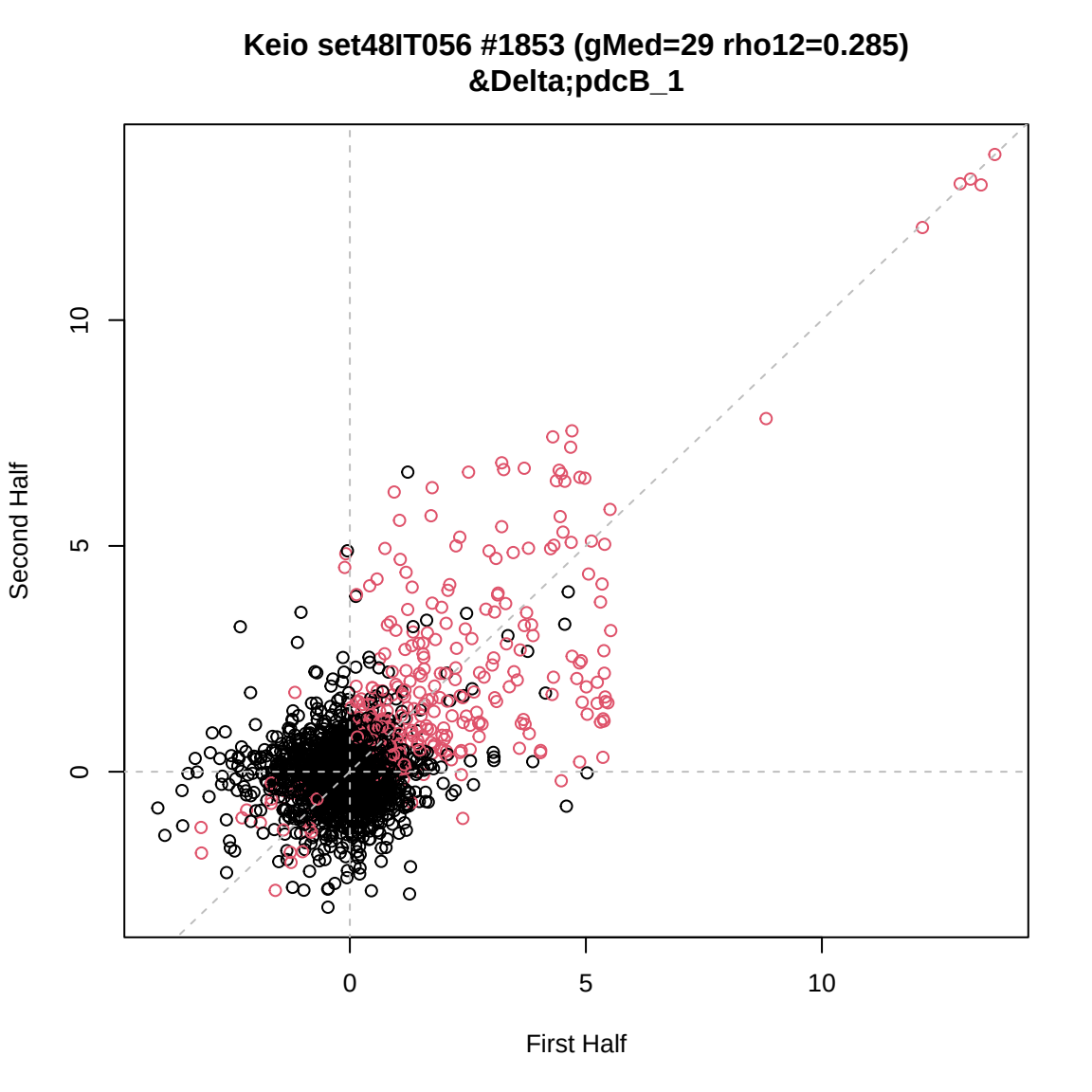

Keio set48IT051 #1848 (gMed=127 rho12=0.202)
Δppp_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

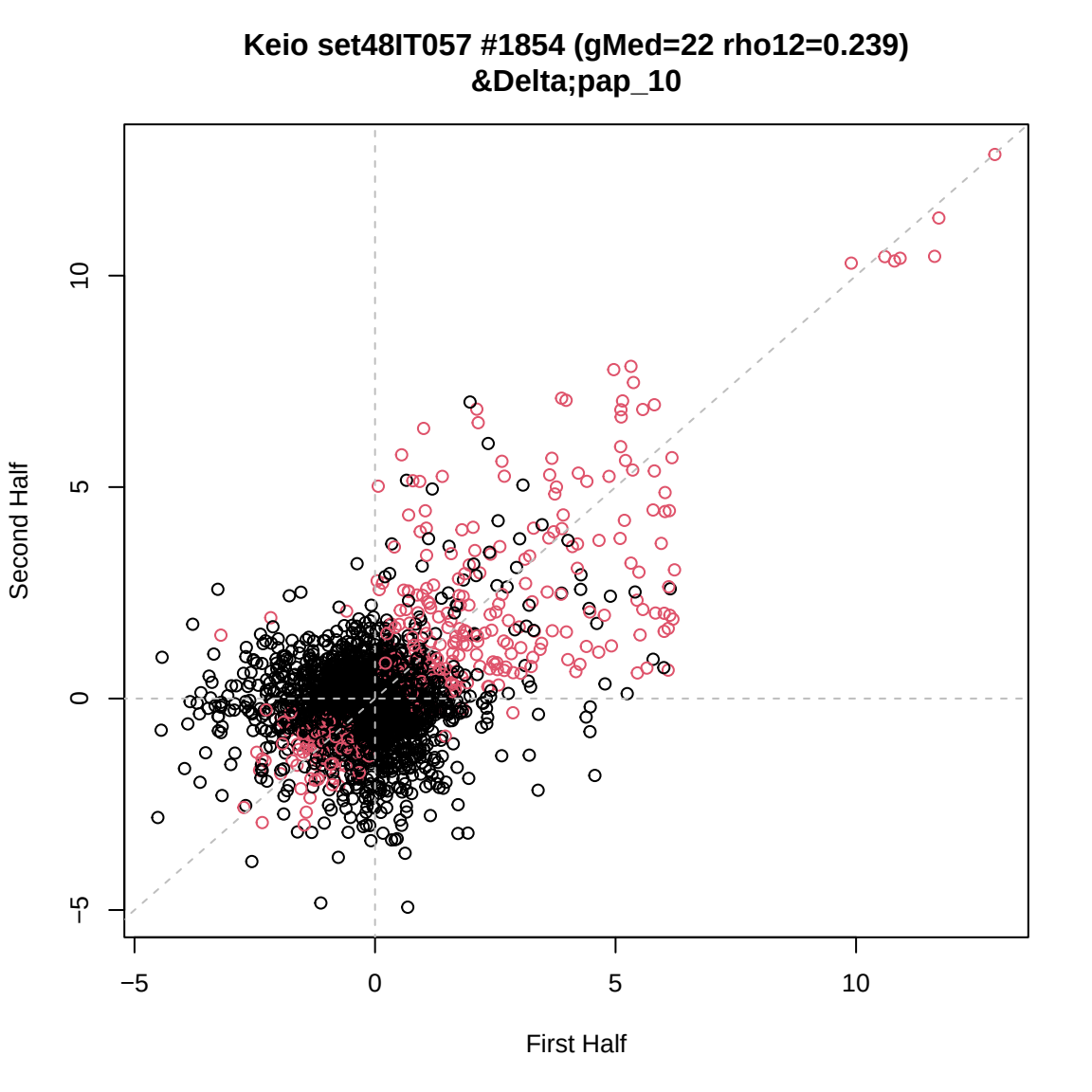

Keio set48IT052 #1849 (gMed=49 rho12=0.259)
Δppp_1
Second Half
First Half
0
5
10
0
5
10

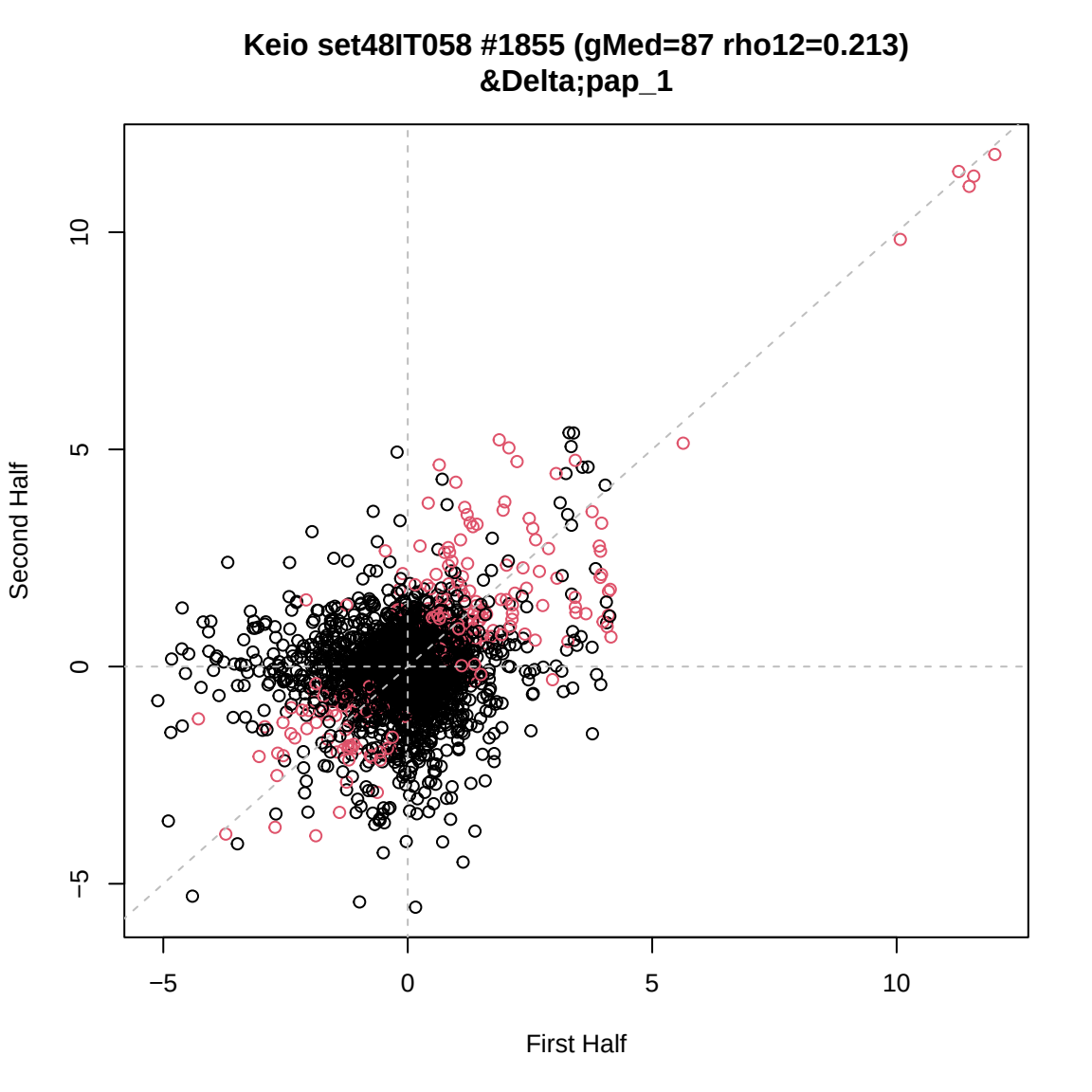

Keio set48IT053 #1850 (gMed=17 rho12=0.279)
ΔpdcB_10
Second Half
First Half
−5
0
5
10
15
−5
0
5
10

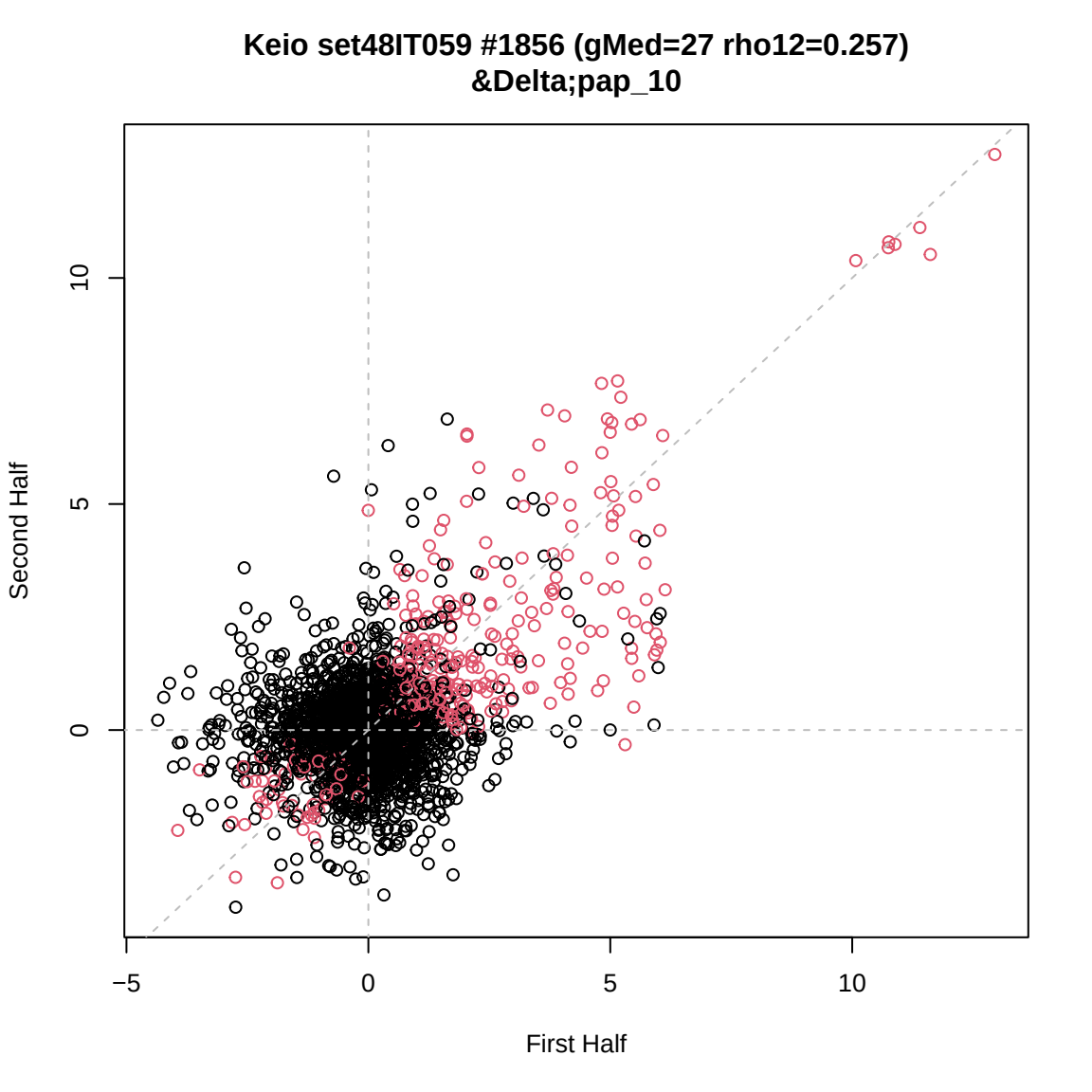

Keio set48IT054 #1851 (gMed=36 rho12=0.269)
ΔpdcB_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

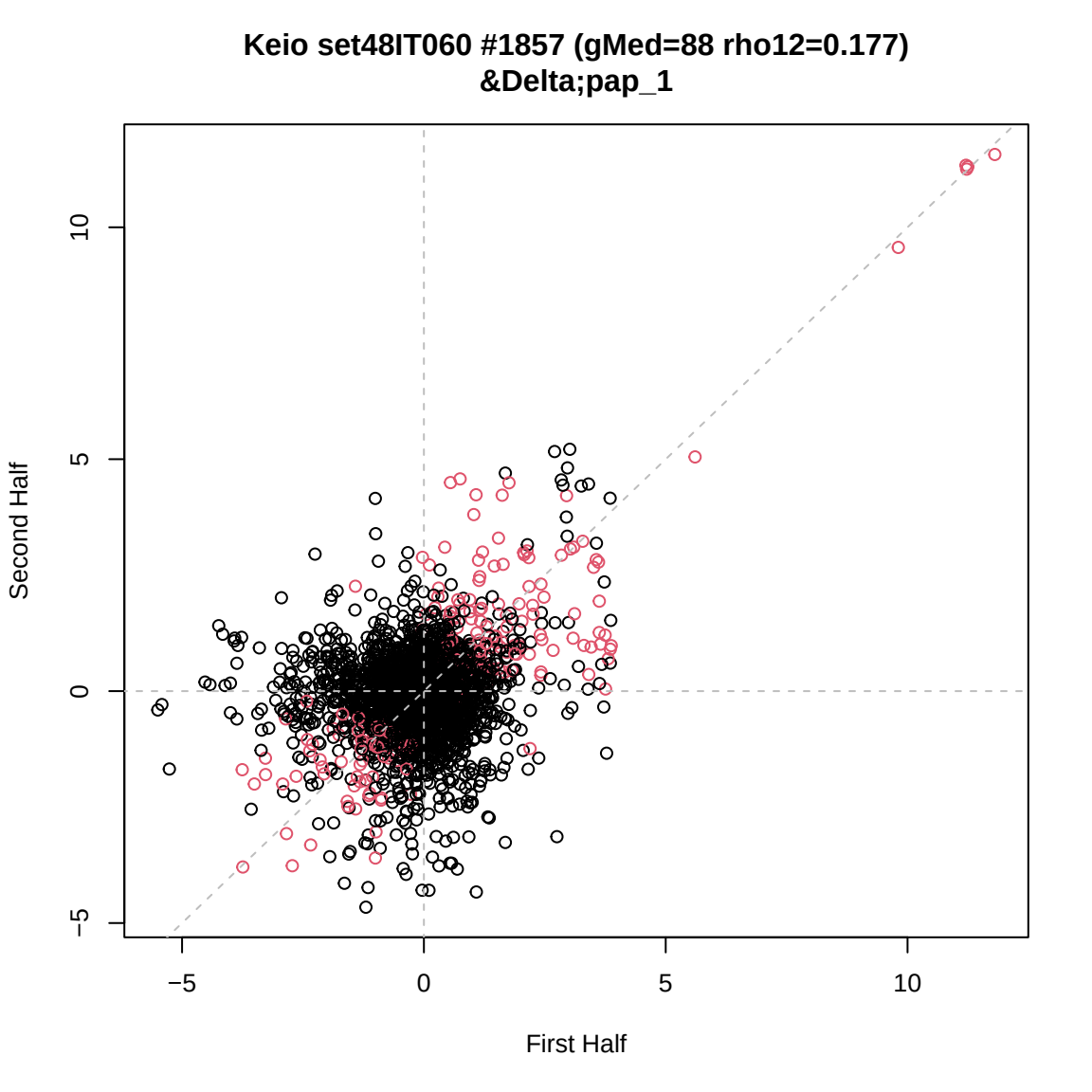

Keio set48IT055 #1852 (gMed=10 rho12=0.339)
ΔpdcB_10
Second Half
First Half
0
5
10
15

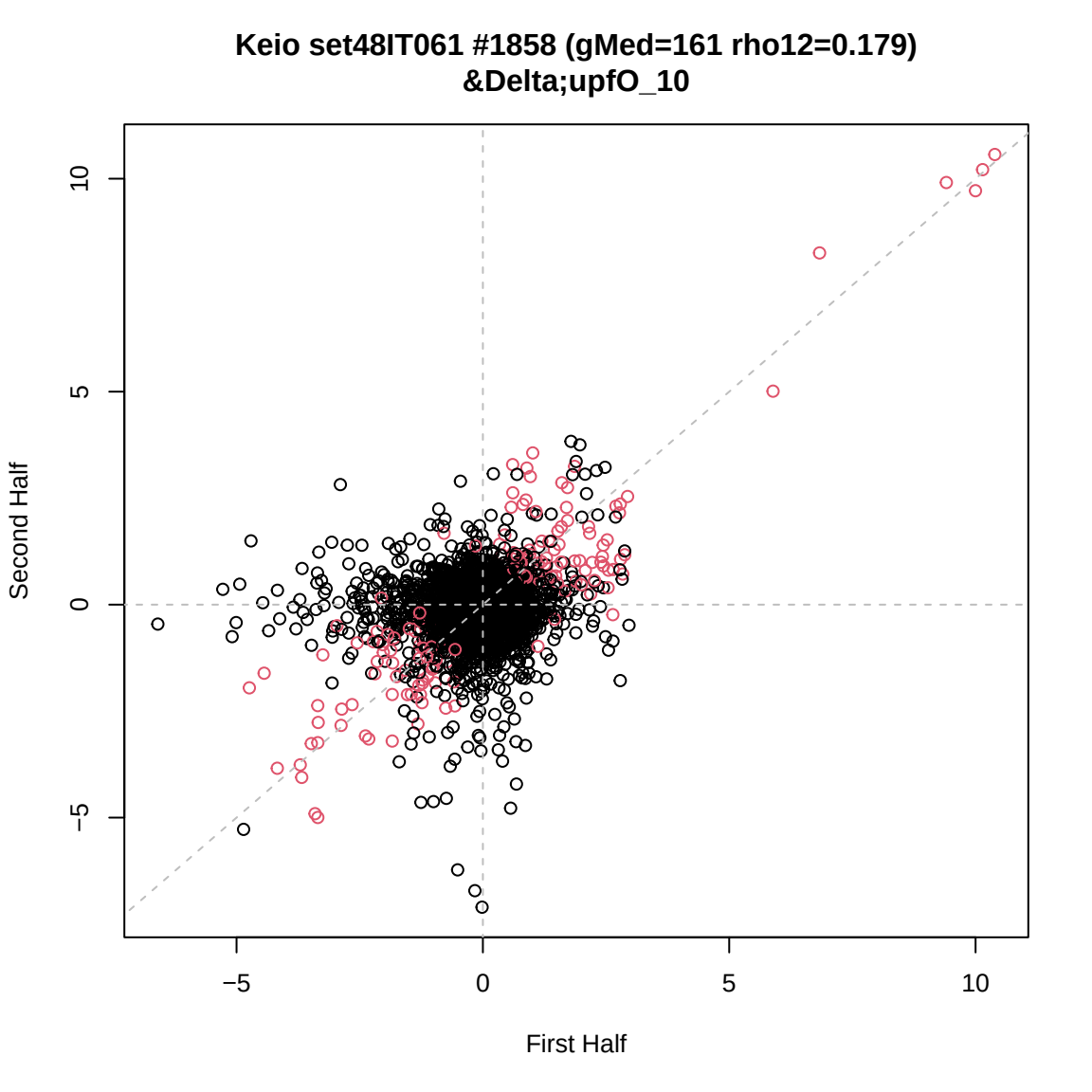

Keio set48IT056 #1853 (gMed=29 rho12=0.285)
ΔpdcB_1
Second Half
First Half
0
5
10
0
5
10

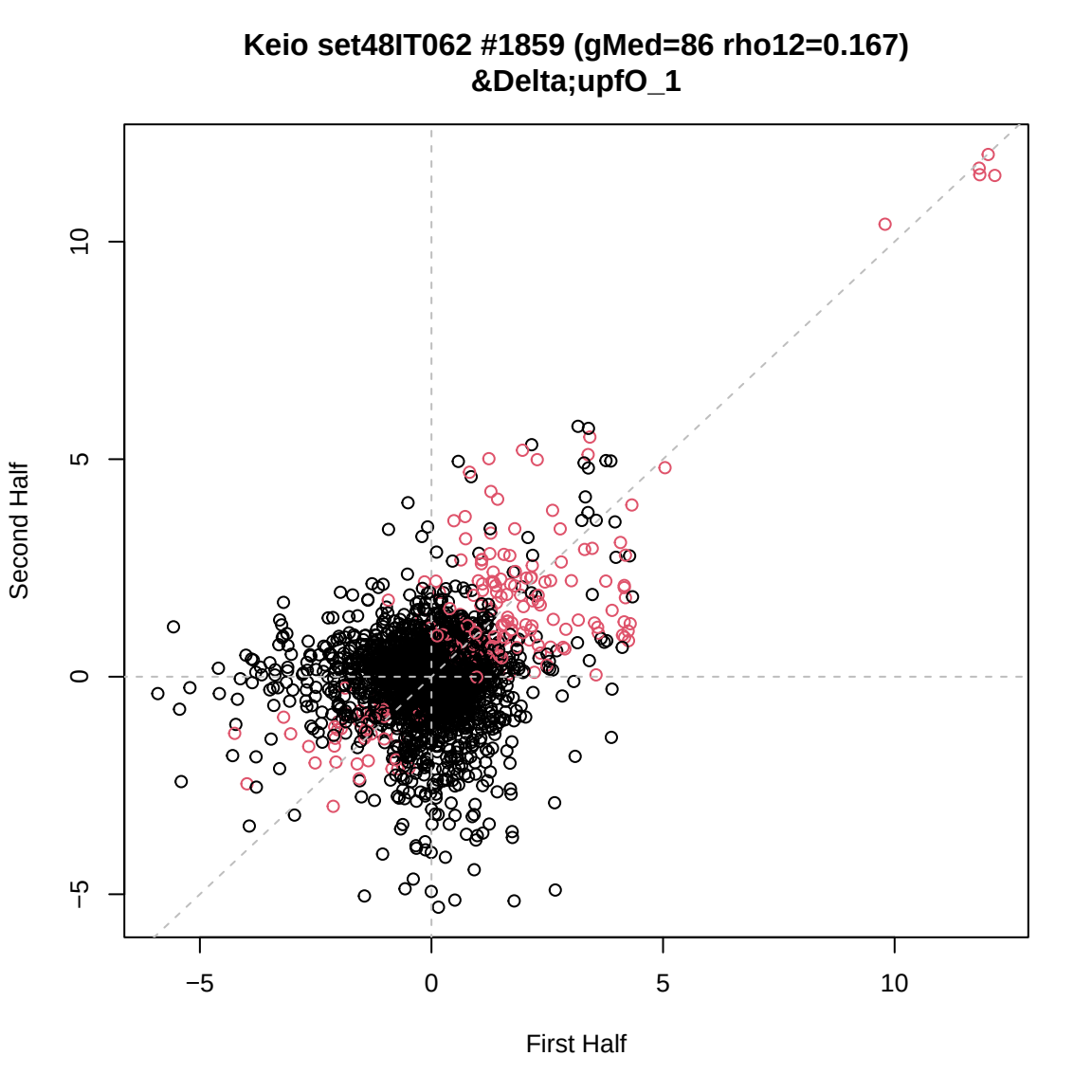

Keio set48IT057 #1854 (gMed=22 rho12=0.239)
Δpap_10
Second Half
First Half
−5
0
5
10
−5
0
5
10

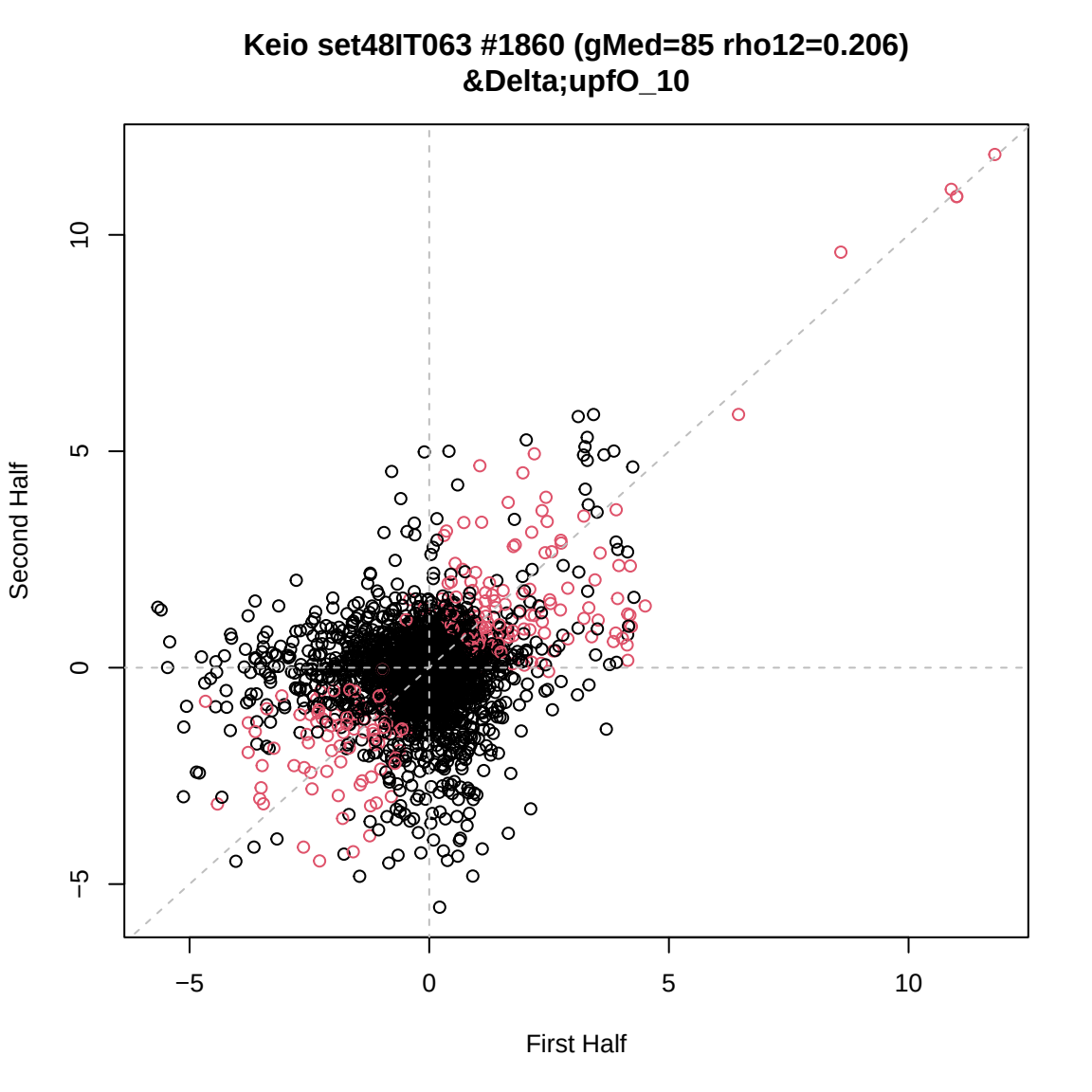

Keio set48IT058 #1855 (gMed=87 rho12=0.213)
Δpap_1
Second Half
First Half
−5
0
5
10
−5
0
5
10

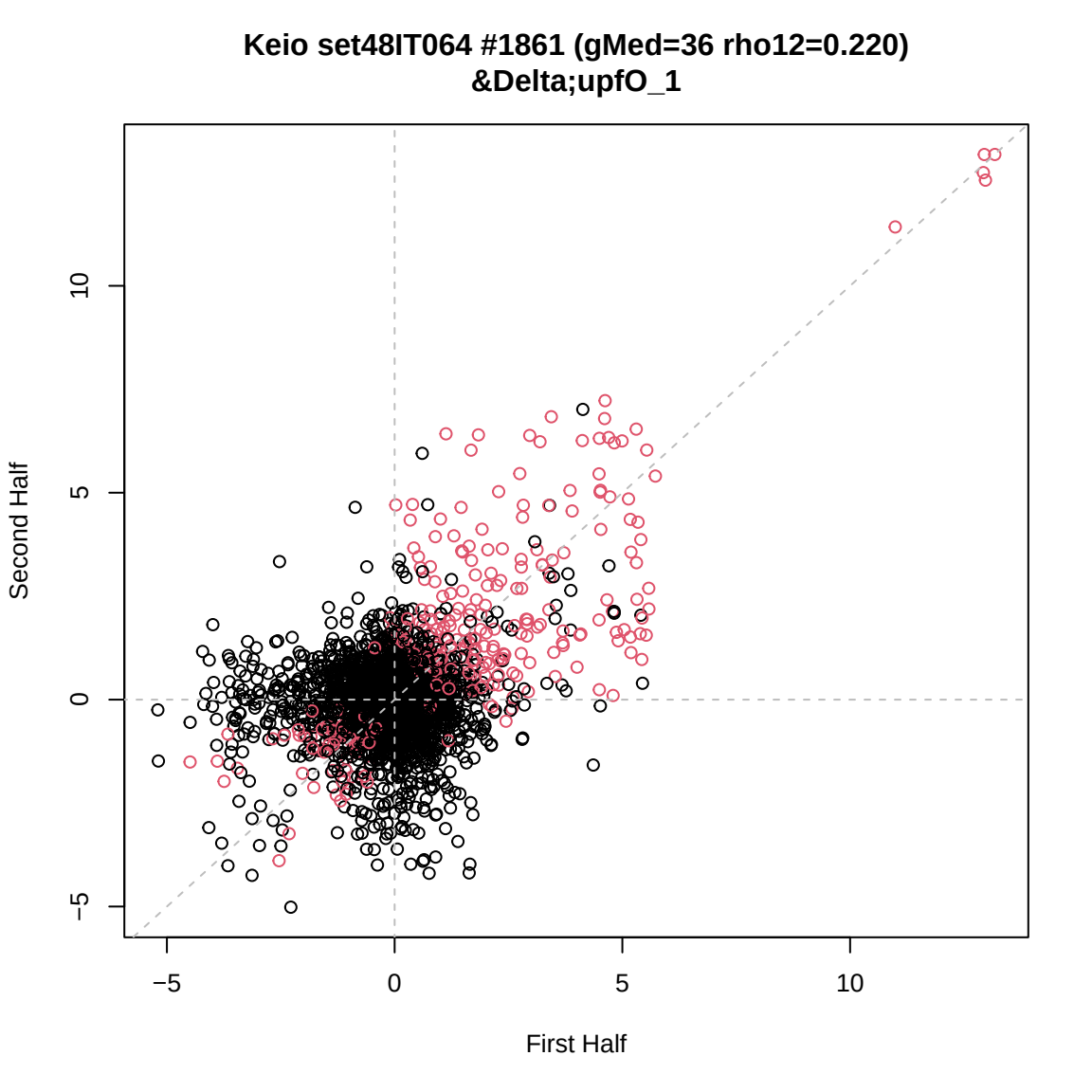

Keio set48IT059 #1856 (gMed=27 rho12=0.257)
Δpap_10
Second Half
First Half
10
5
0
−5
0
5
10

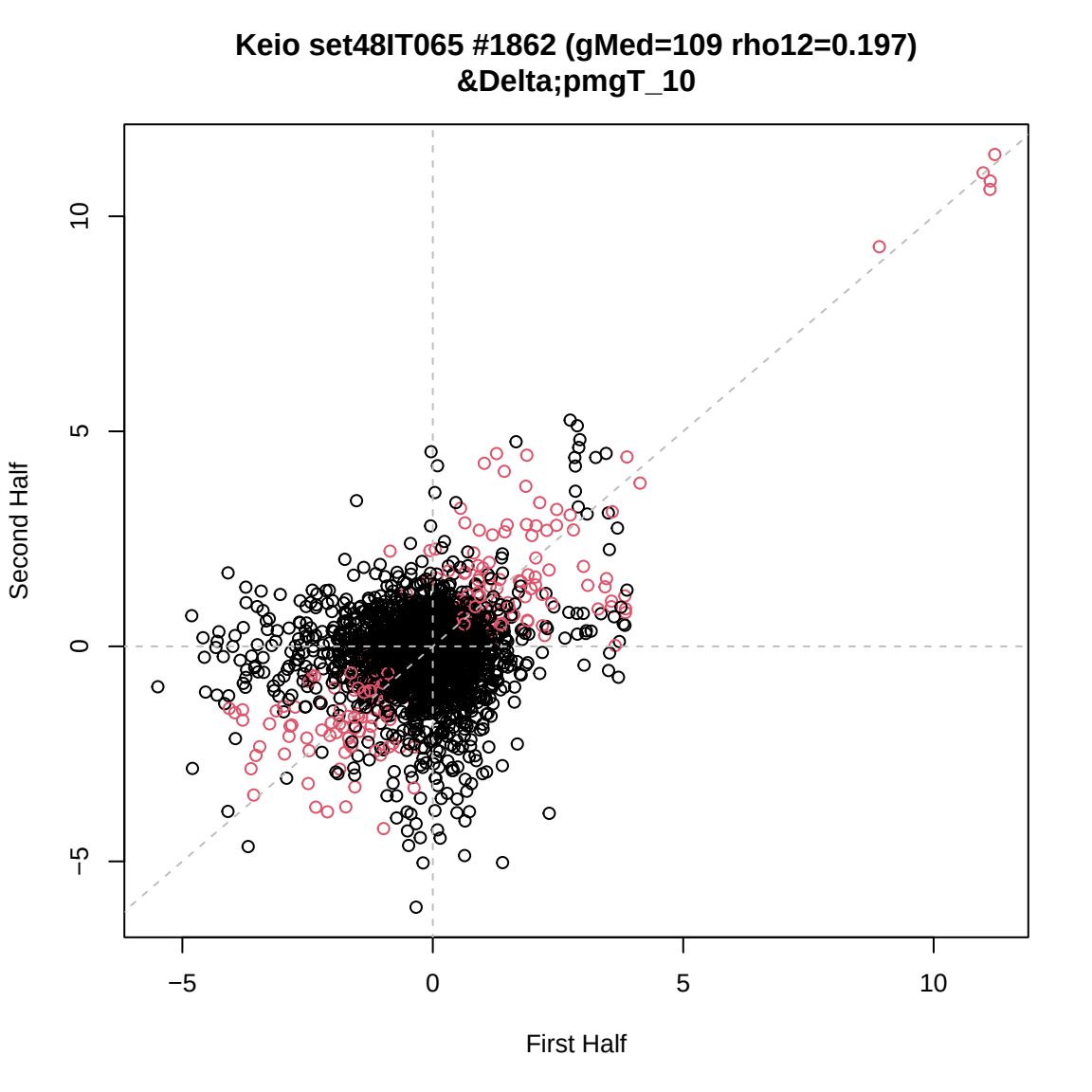

Keio set48IT060 #1857 (gMed=88 rho12=0.177)
Δpap_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

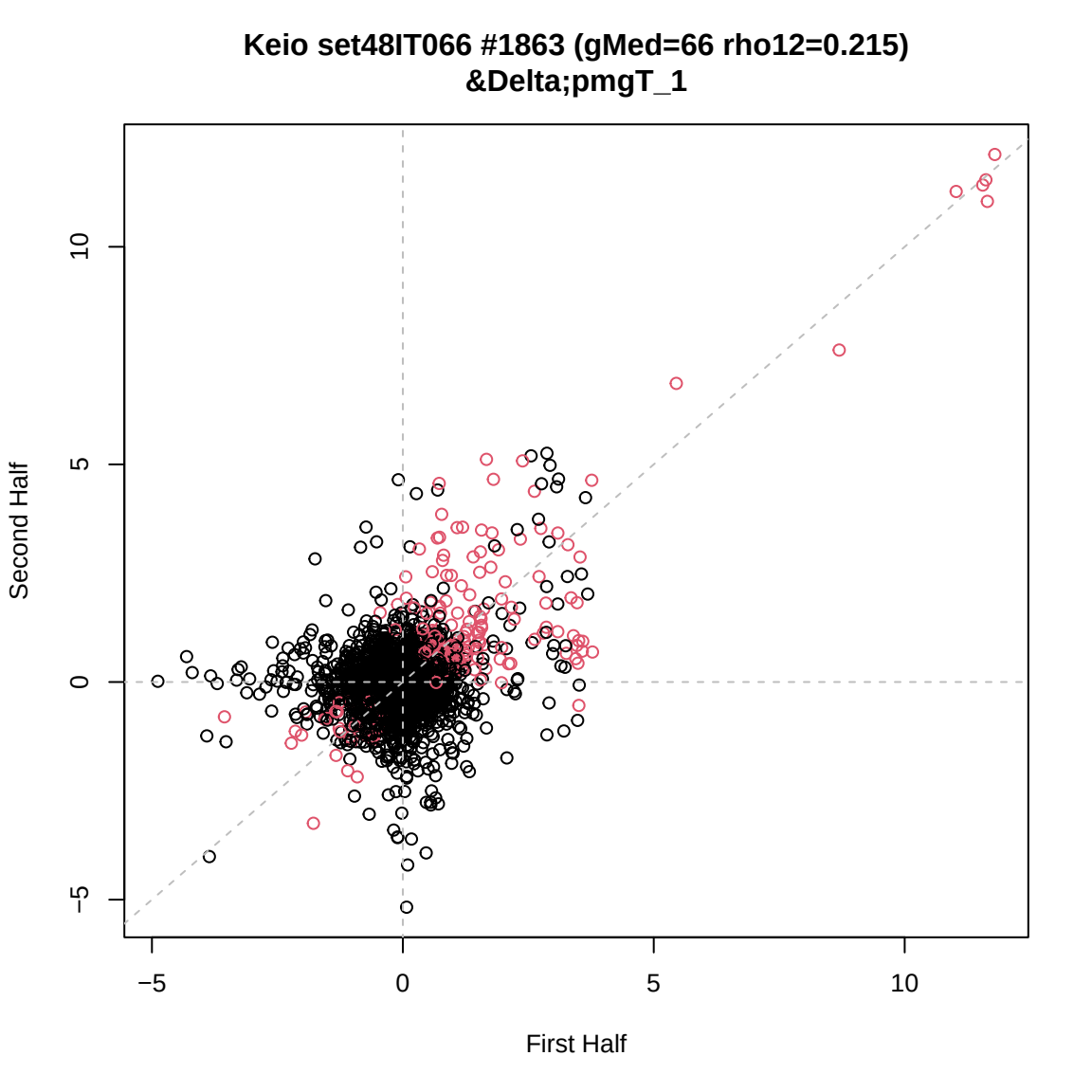

Keio set48IT061 #1858 (gMed=161 rho12=0.179)
ΔupfO_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

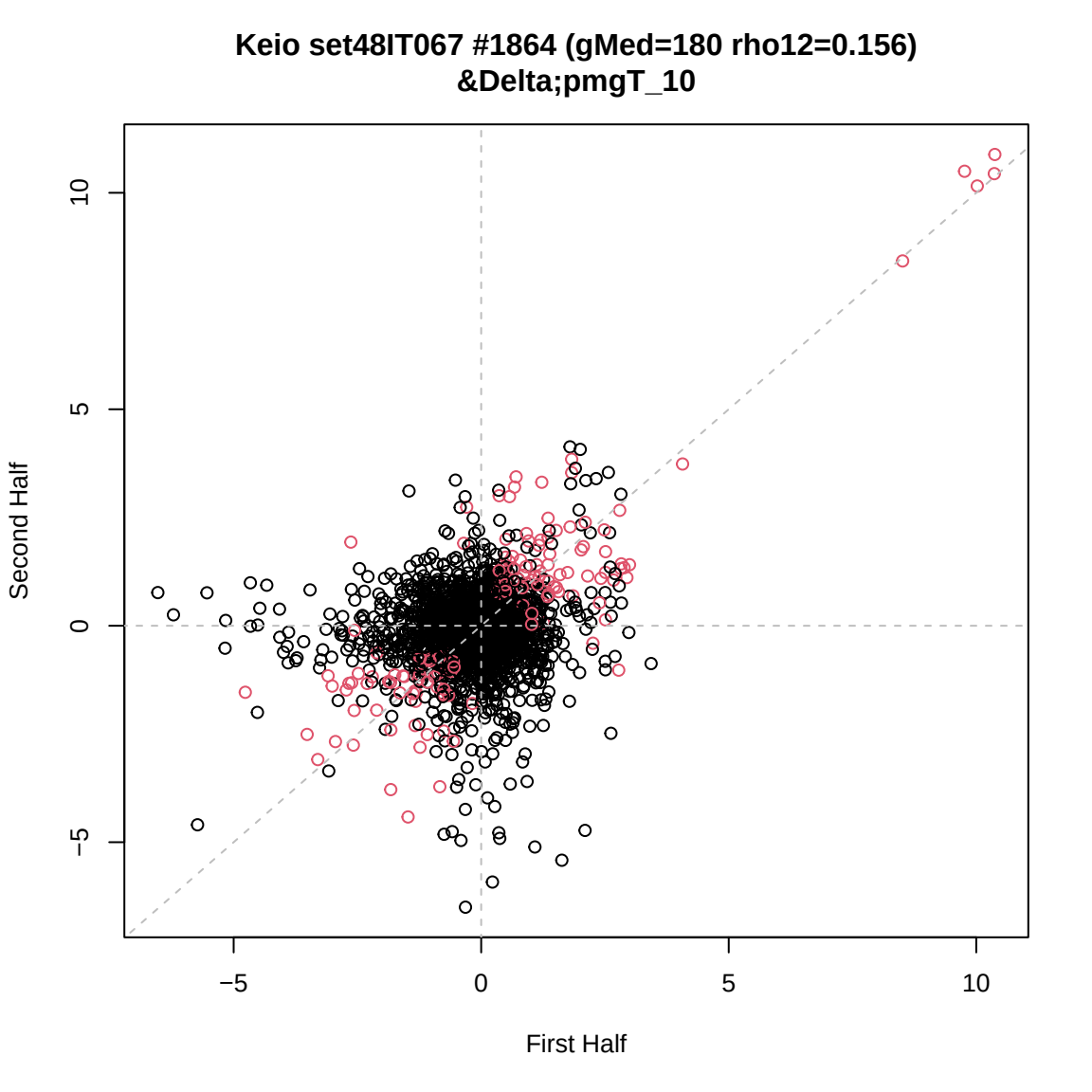

Keio set48IT062 #1859 (gMed=86 rho12=0.167)
ΔupfO_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

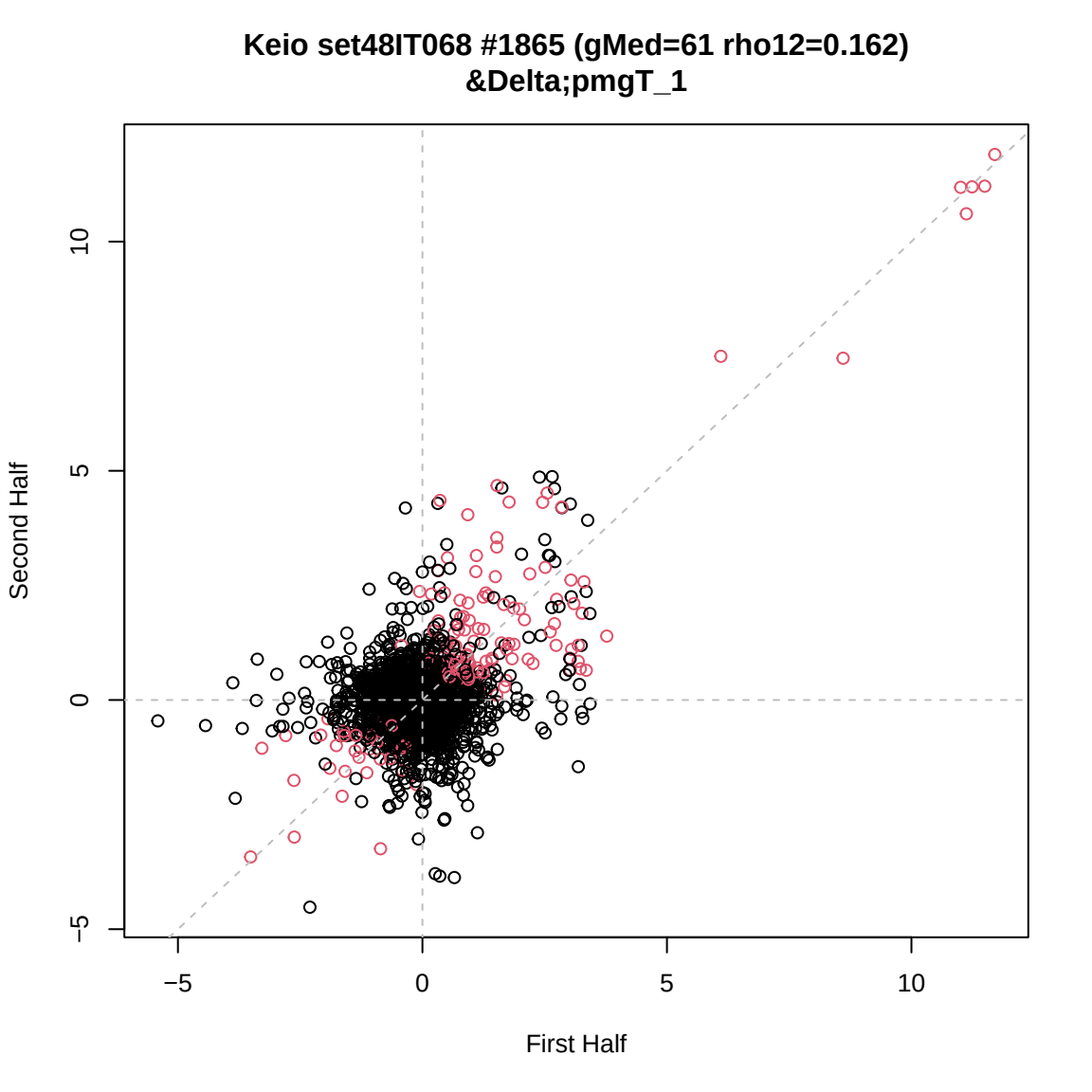

Keio set48IT063 #1860 (gMed=85 rho12=0.206)
ΔupfO_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

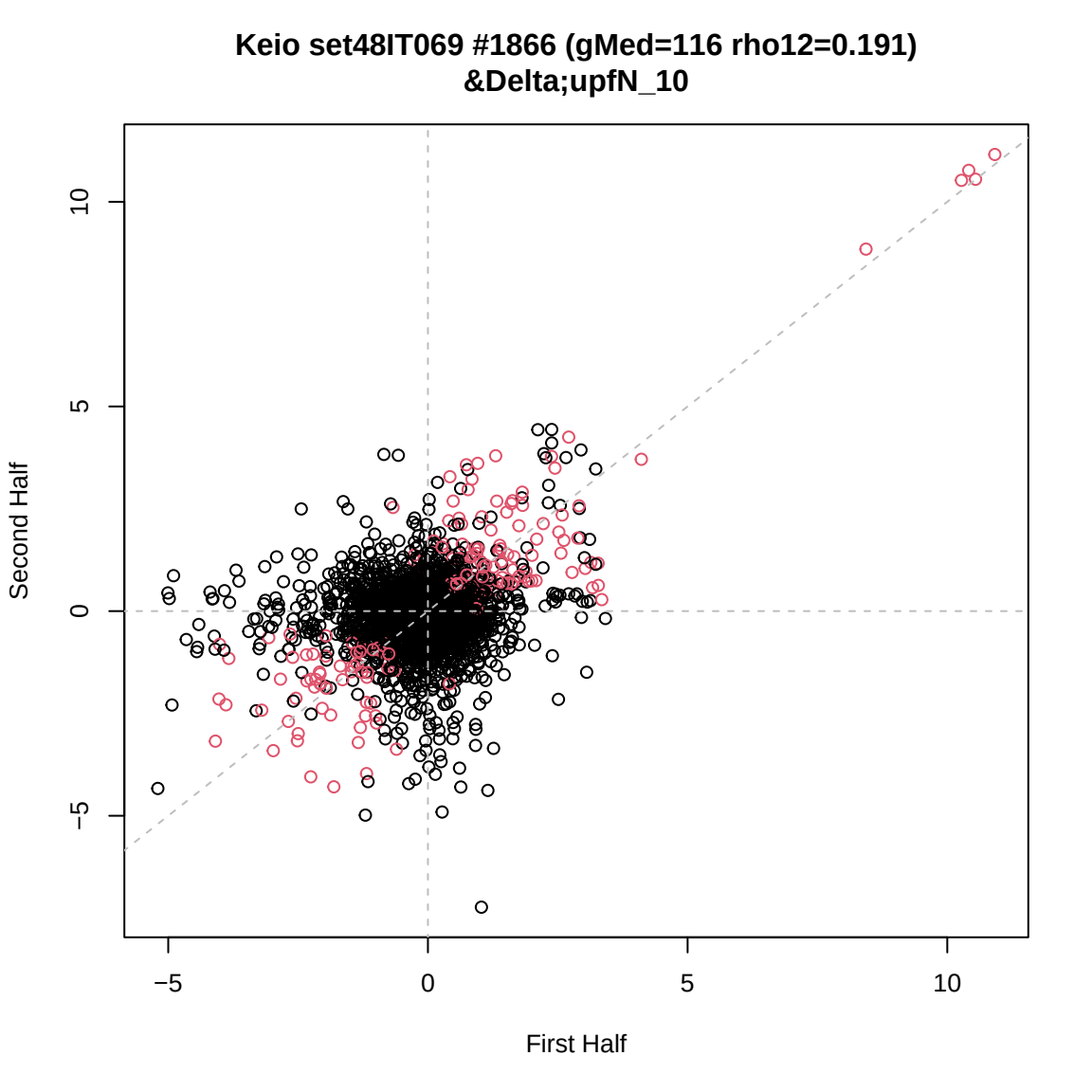

Keio set48IT064 #1861 (gMed=36 rho12=0.220)
ΔupfO_1
Second Half
First Half
−5
0
5
10
−5
0
5
10

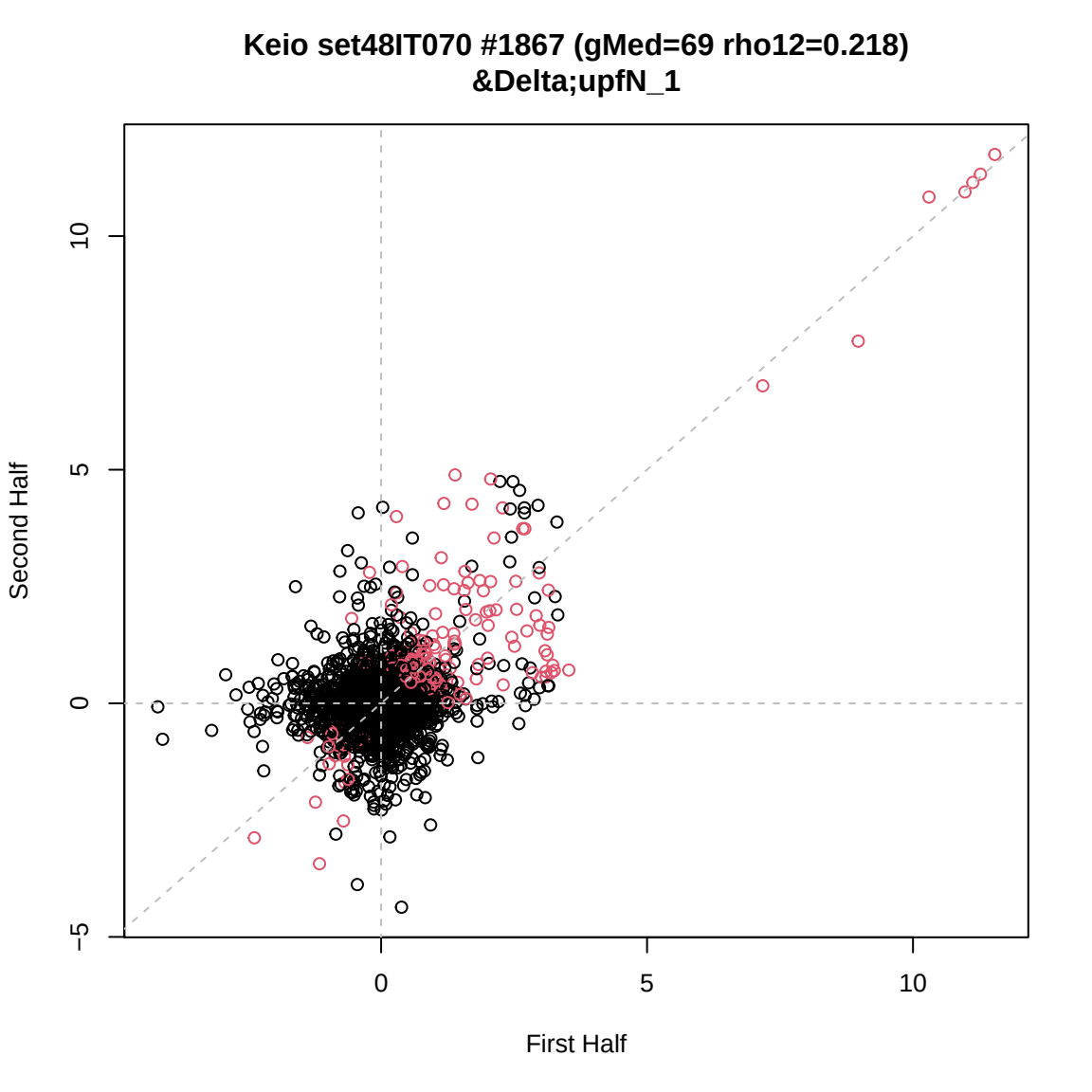

Keio set48IT065 #1862 (gMed=109 rho12=0.197)
ΔpmgT_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

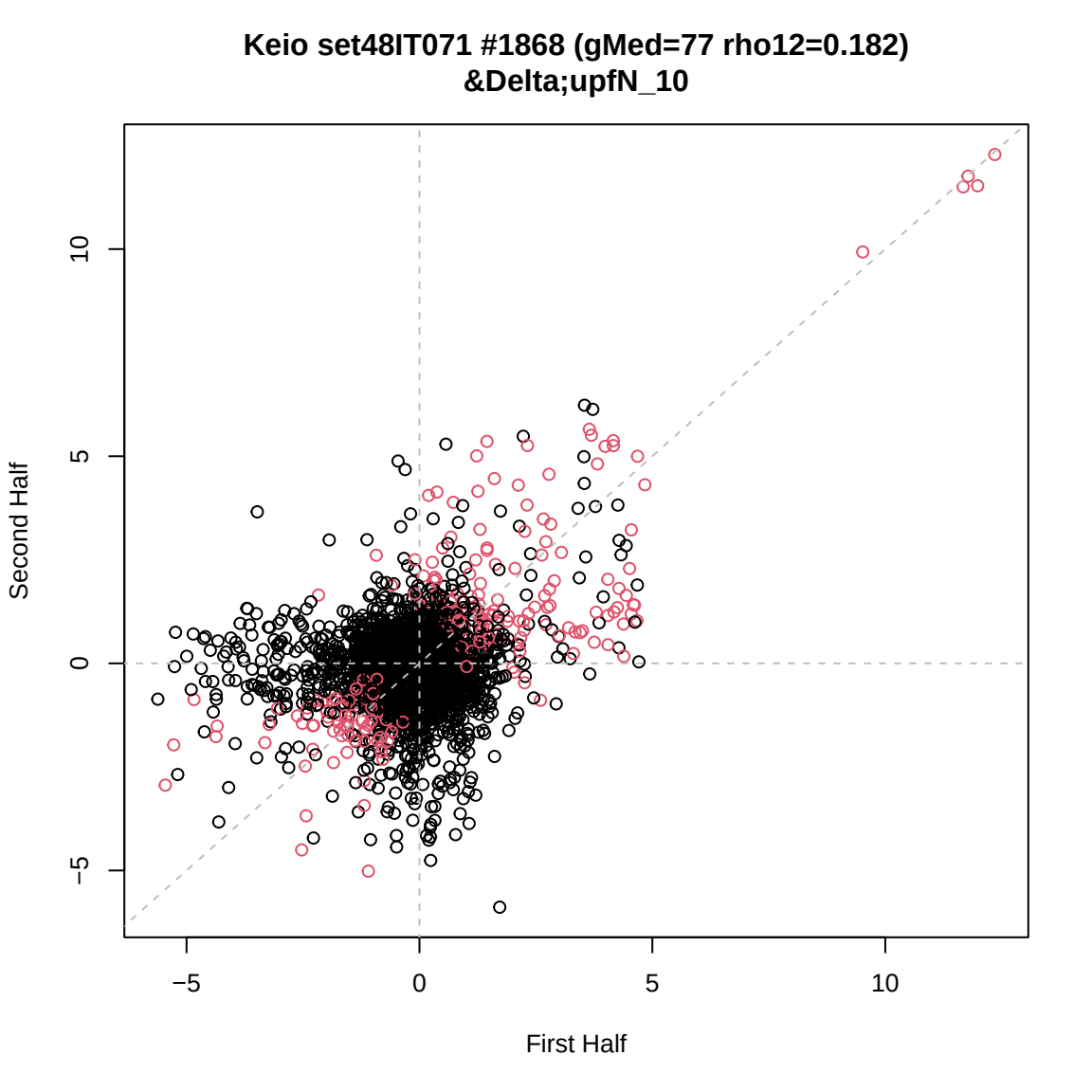

Keio set48IT066 #1863 (gMed=66 rho12=0.215)
ΔpmgT_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

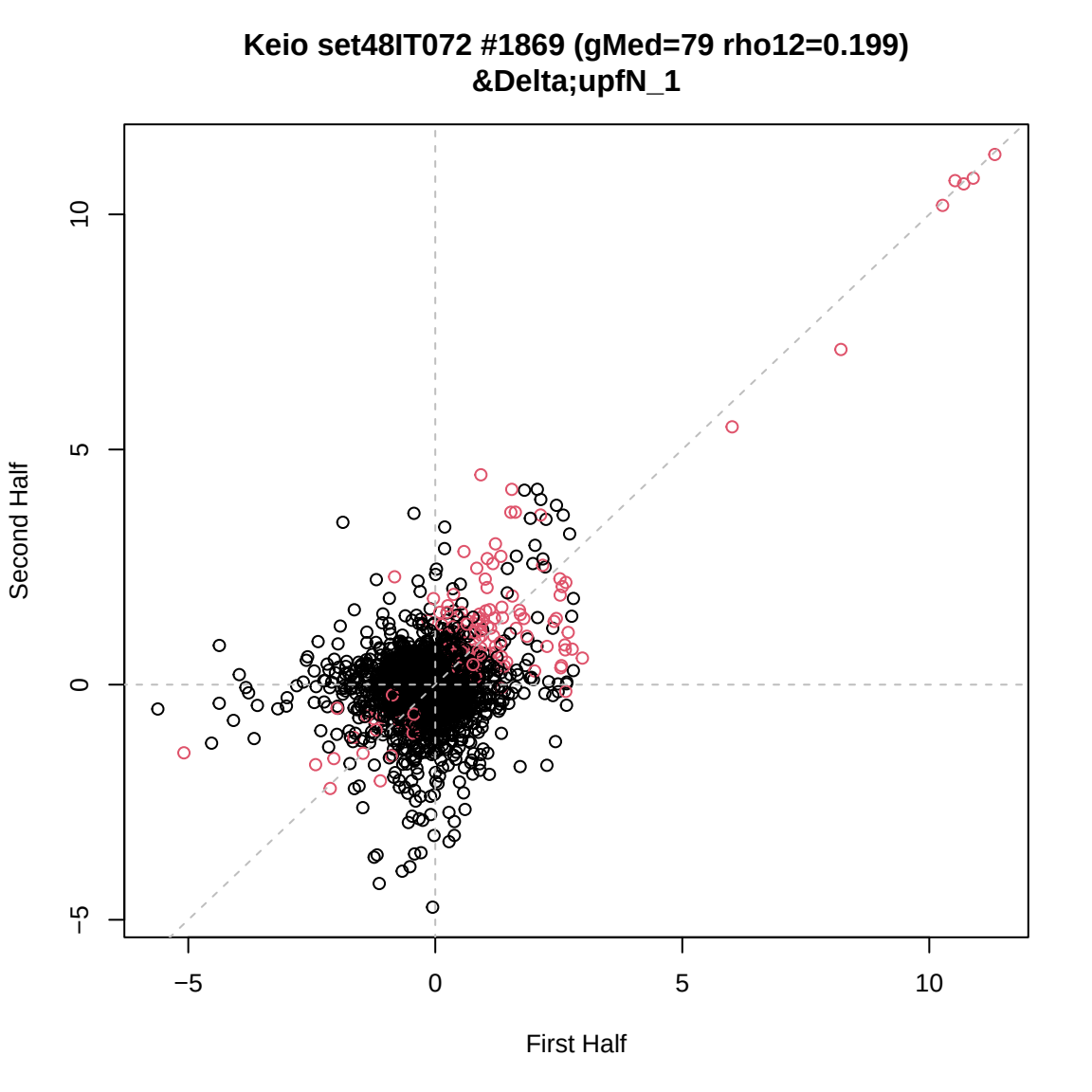

Keio set48IT067 #1864 (gMed=180 rho12=0.156)
ΔpmgT_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

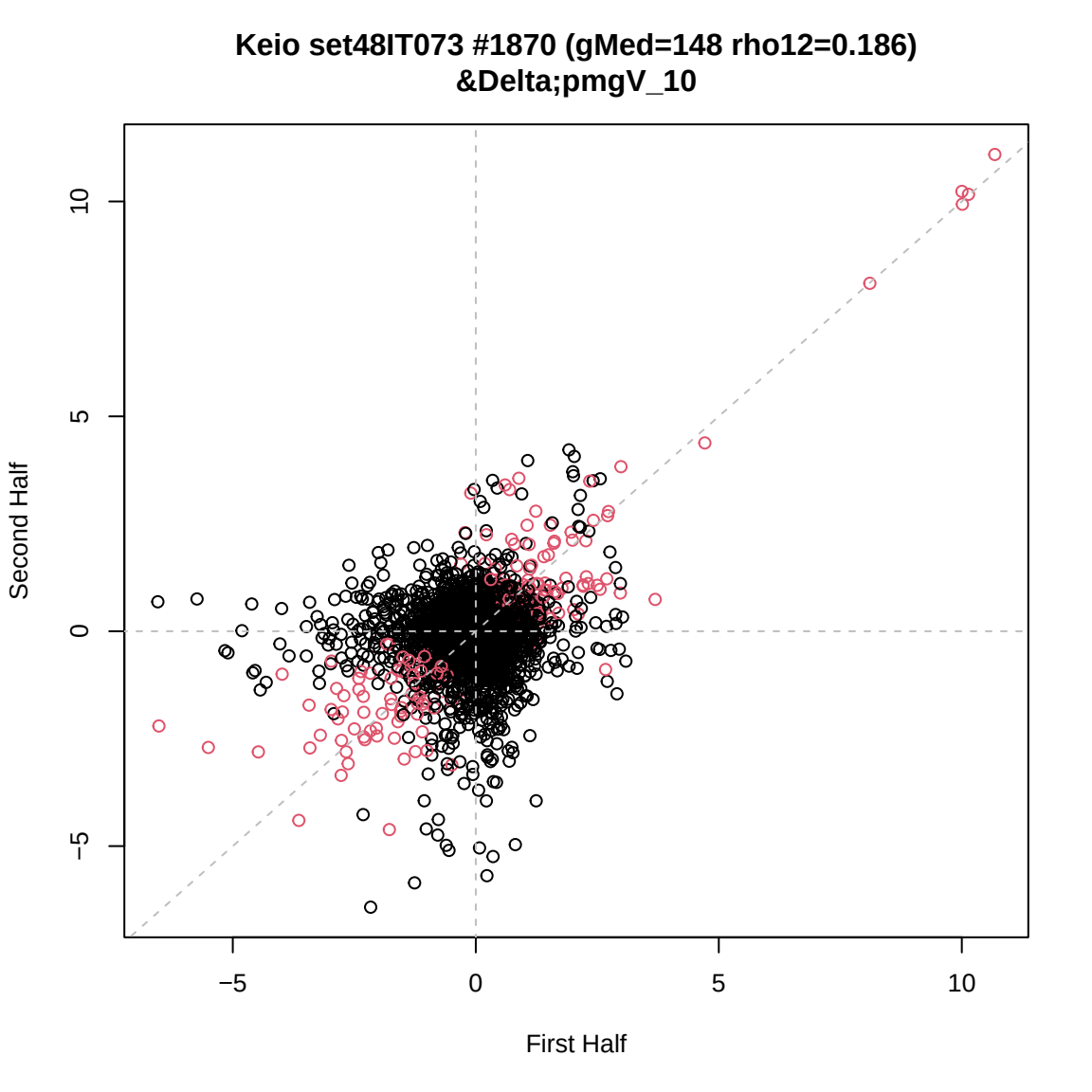

Keio set48IT068 #1865 (gMed=61 rho12=0.162)
ΔpmgT_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

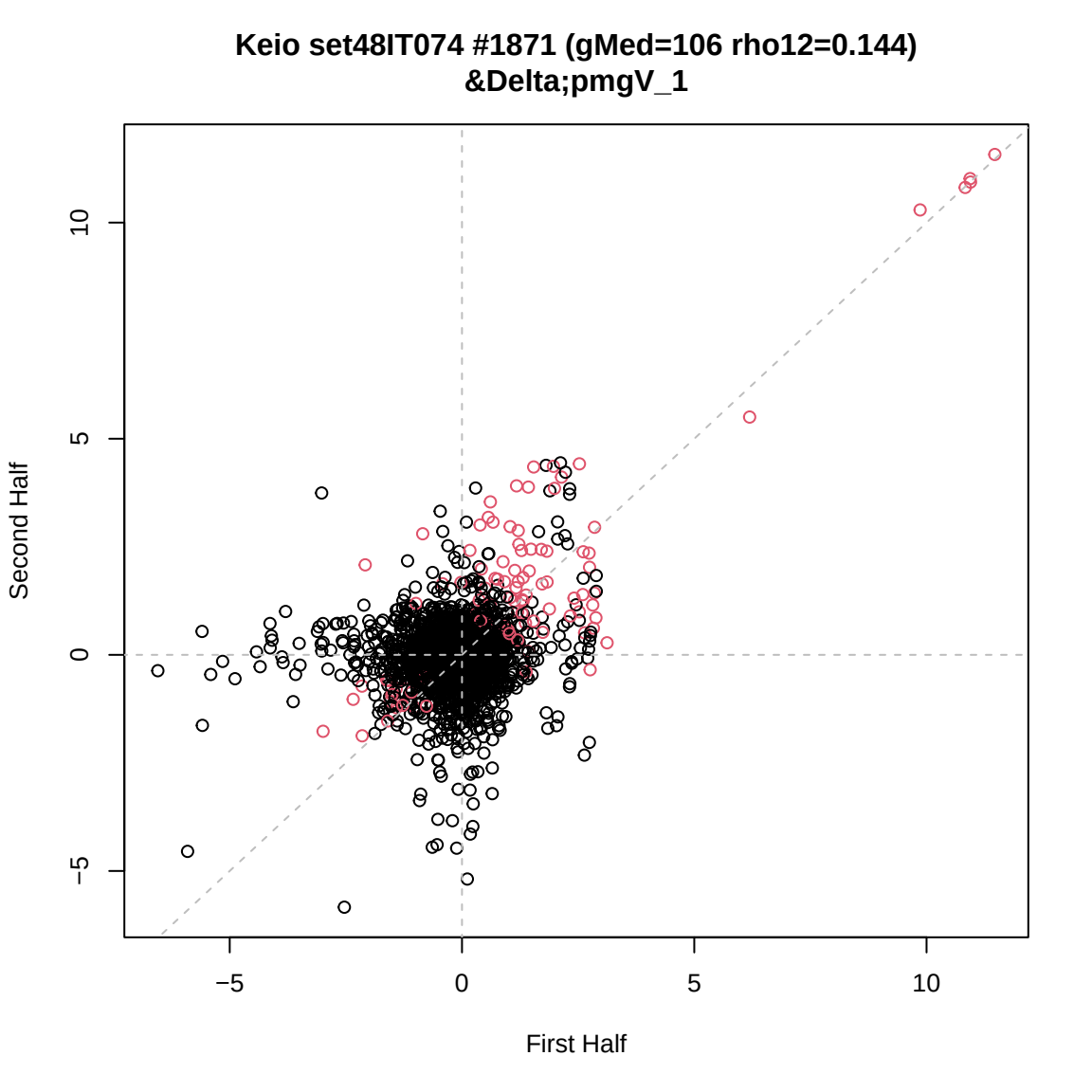

Keio set48IT069 #1866 (gMed=116 rho12=0.191)
ΔupfN_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

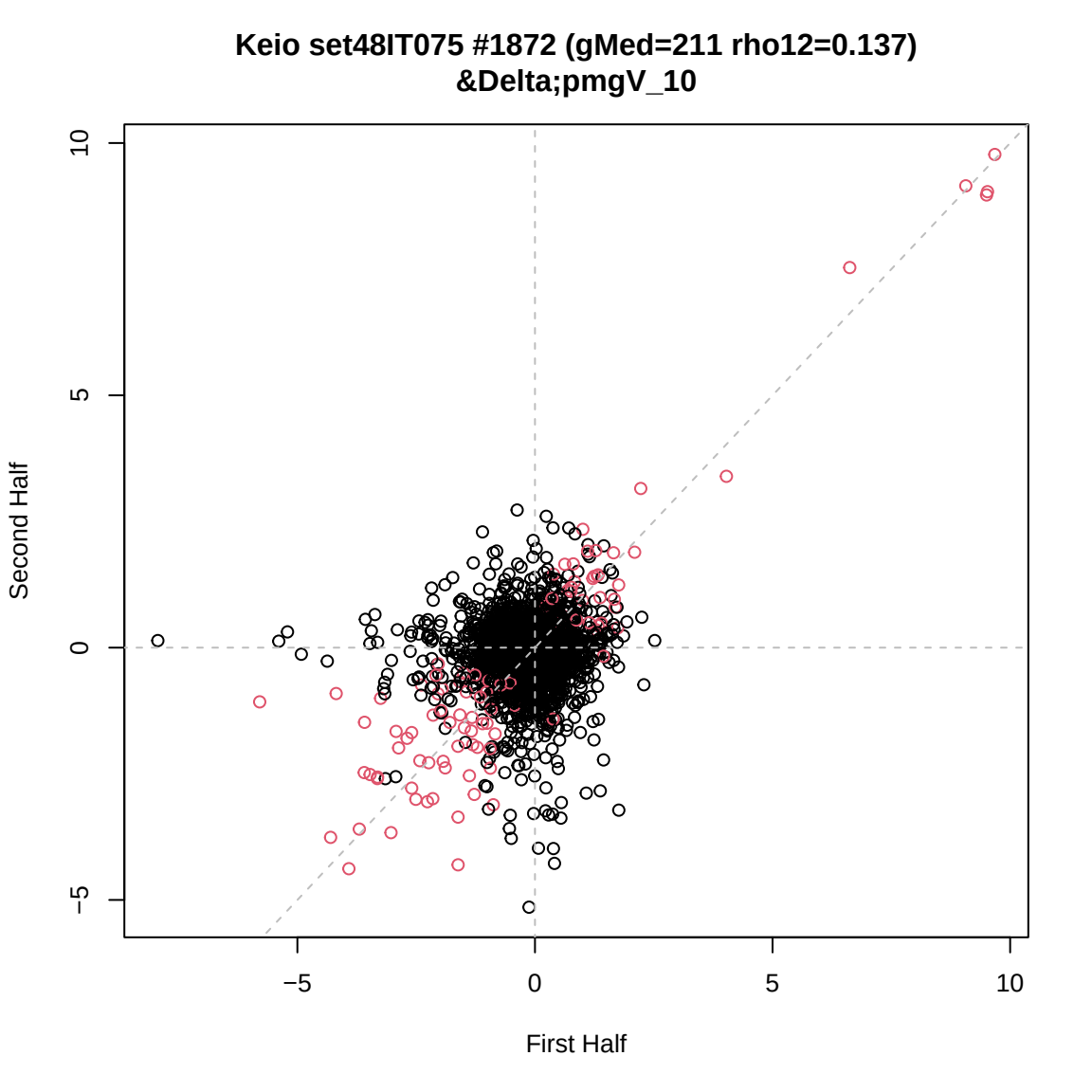

Keio set48IT070 #1867 (gMed=69 rho12=0.218)
ΔupfN_1
Second Half
First Half
10
5
0
−5
0
5
10

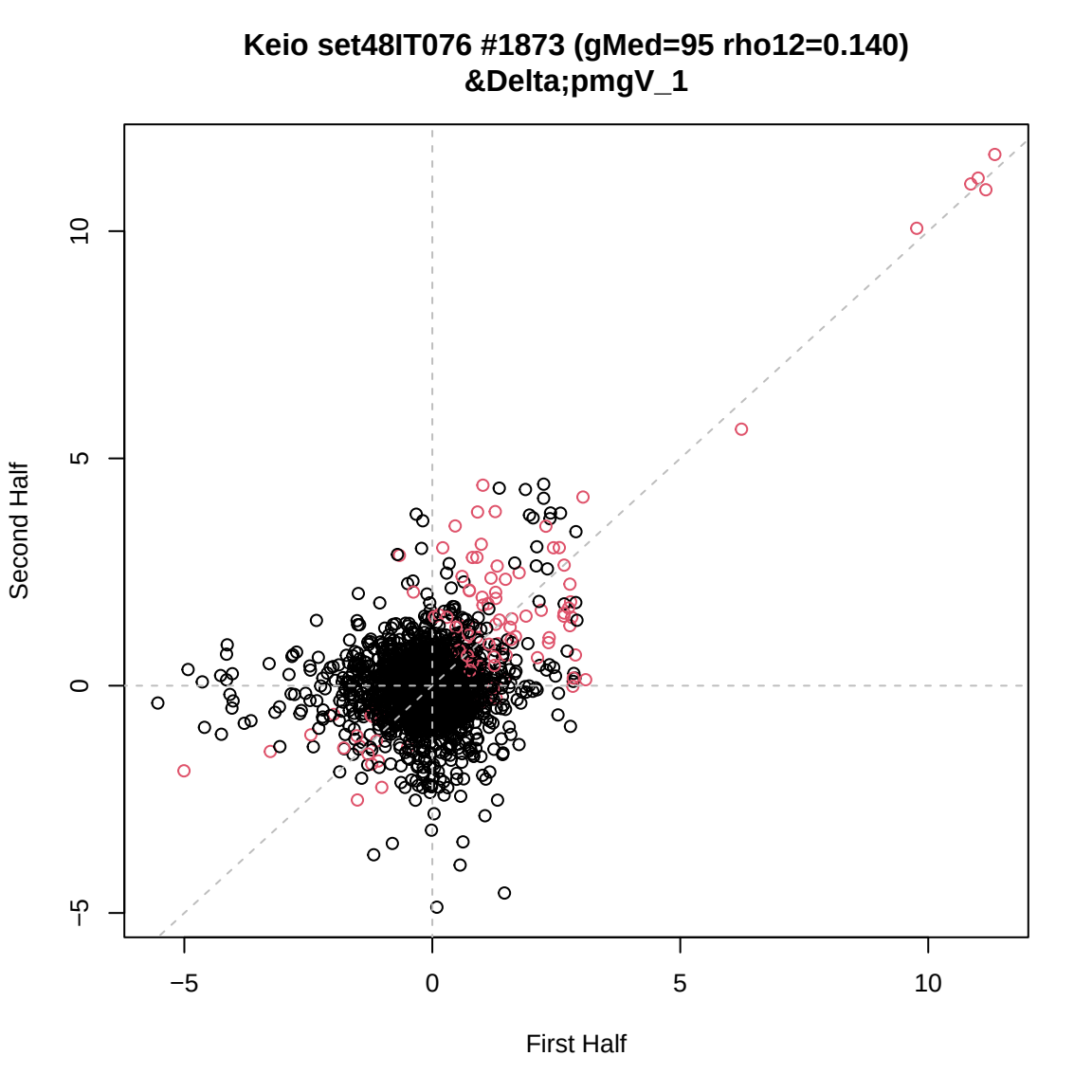

Keio set48IT071 #1868 (gMed=77 rho12=0.182)
ΔupfN_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

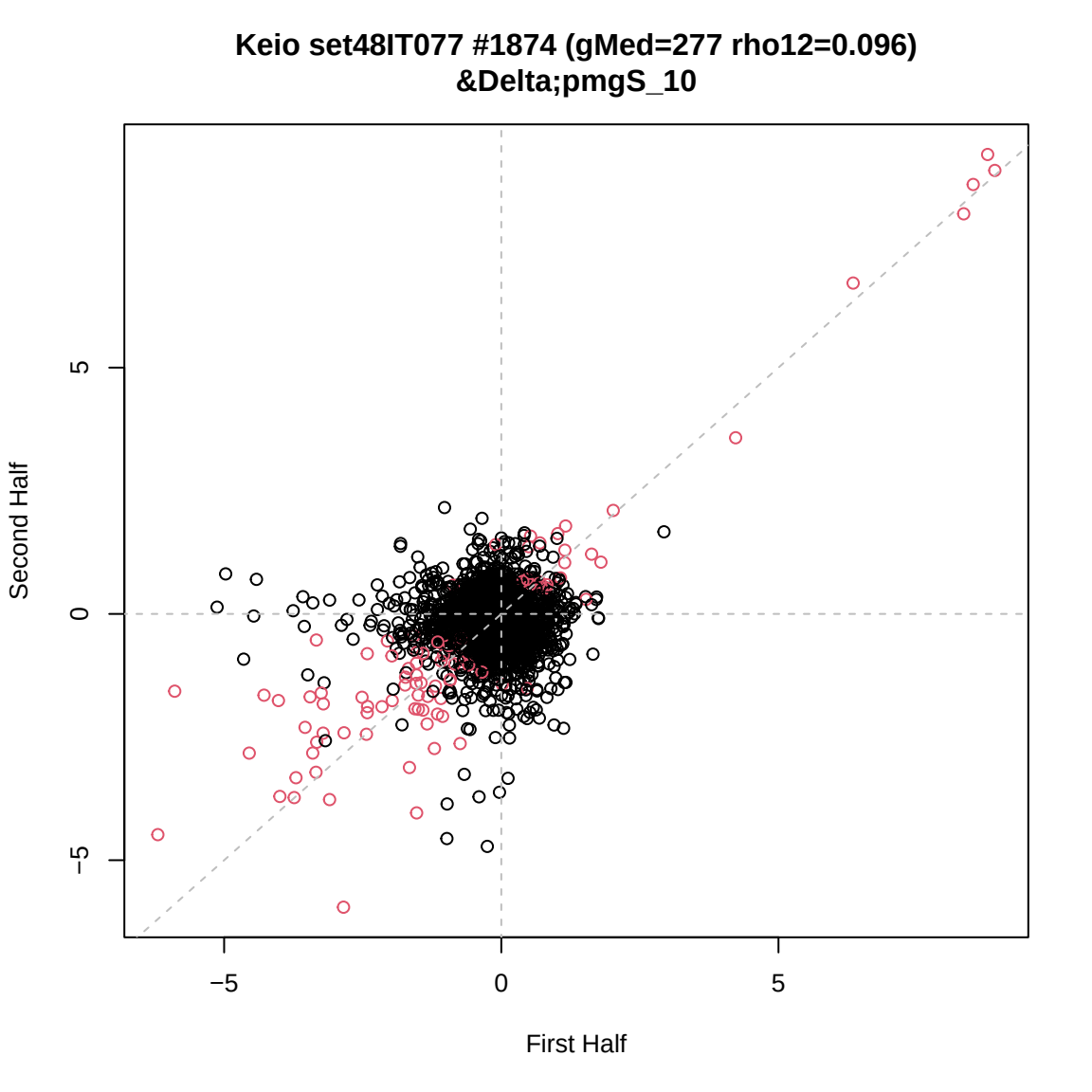

Keio set48IT072 #1869 (gMed=79 rho12=0.199)
ΔupfN_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

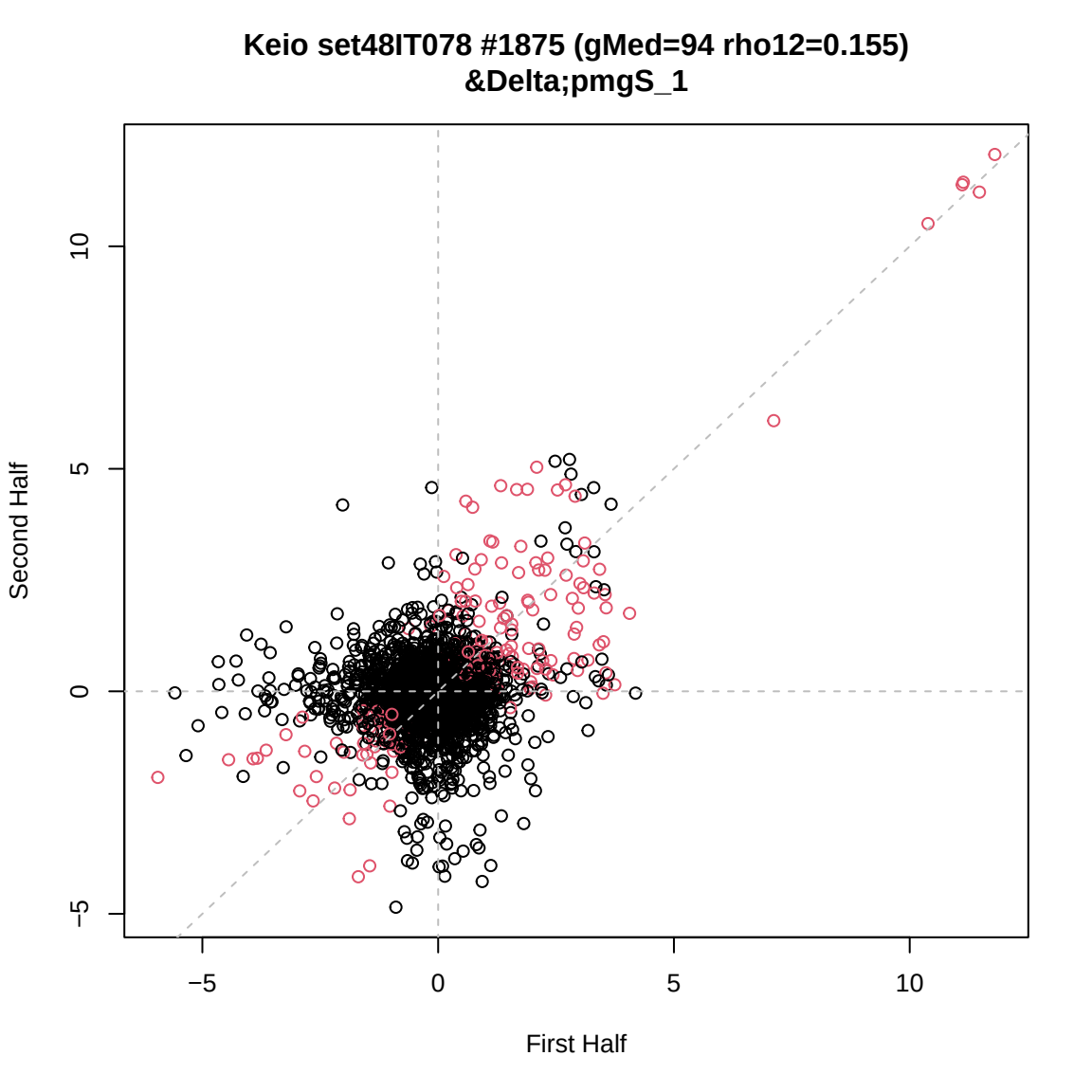

Keio set48IT073 #1870 (gMed=148 rho12=0.186)
ΔpmgV_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

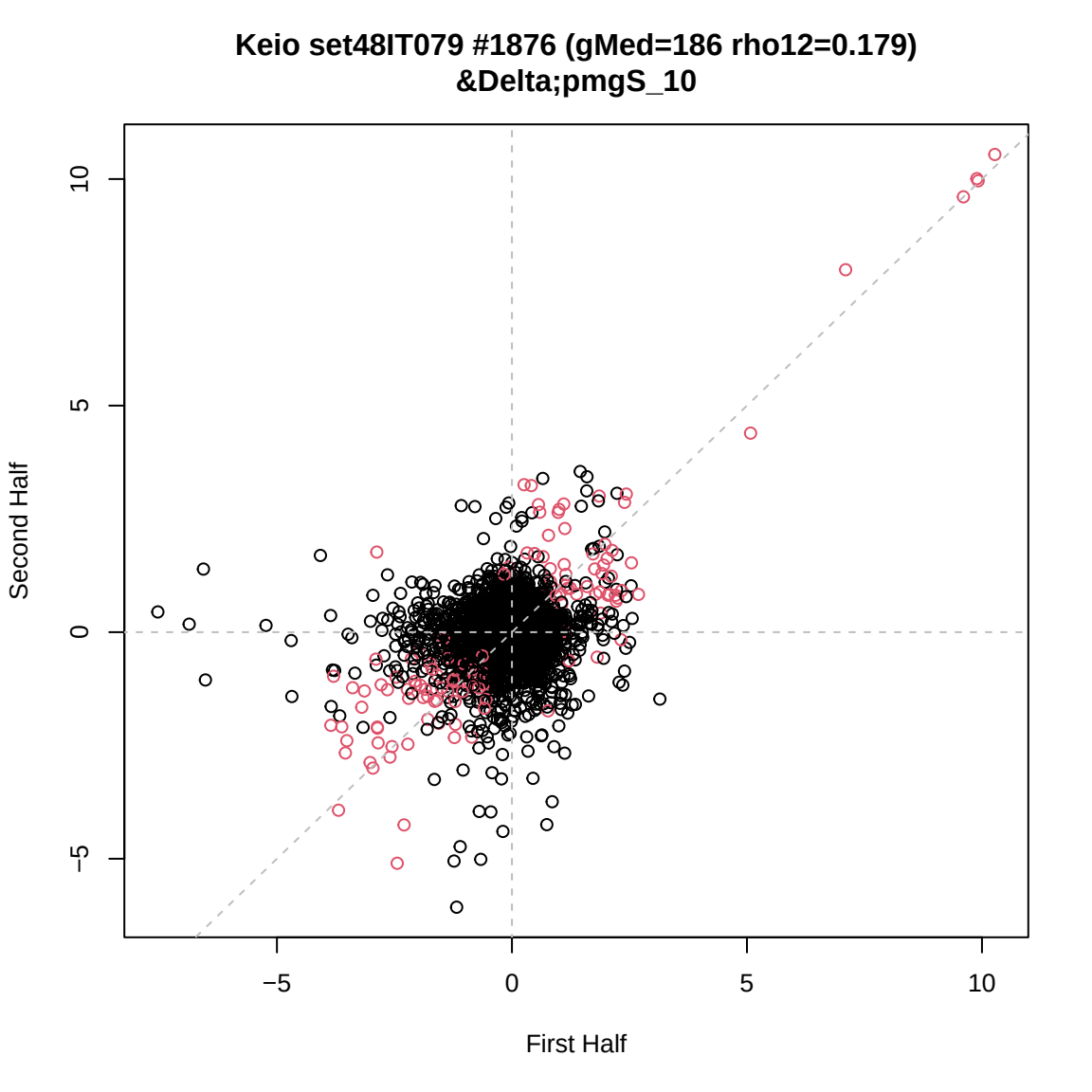

Keio set48IT074 #1871 (gMed=106 rho12=0.144)
ΔpmgV_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

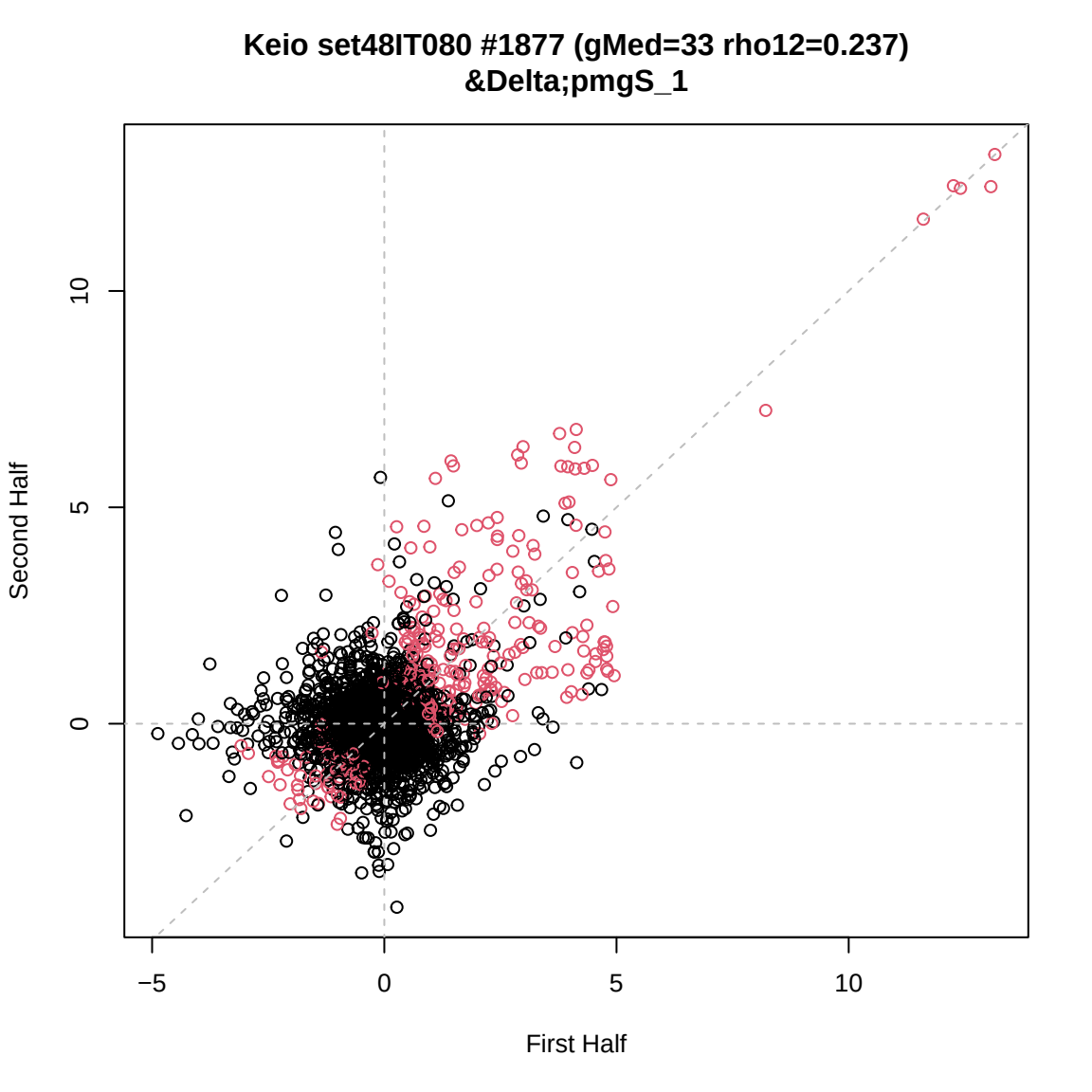

Keio set48IT075 #1872 (gMed=211 rho12=0.137)
ΔpmgV_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

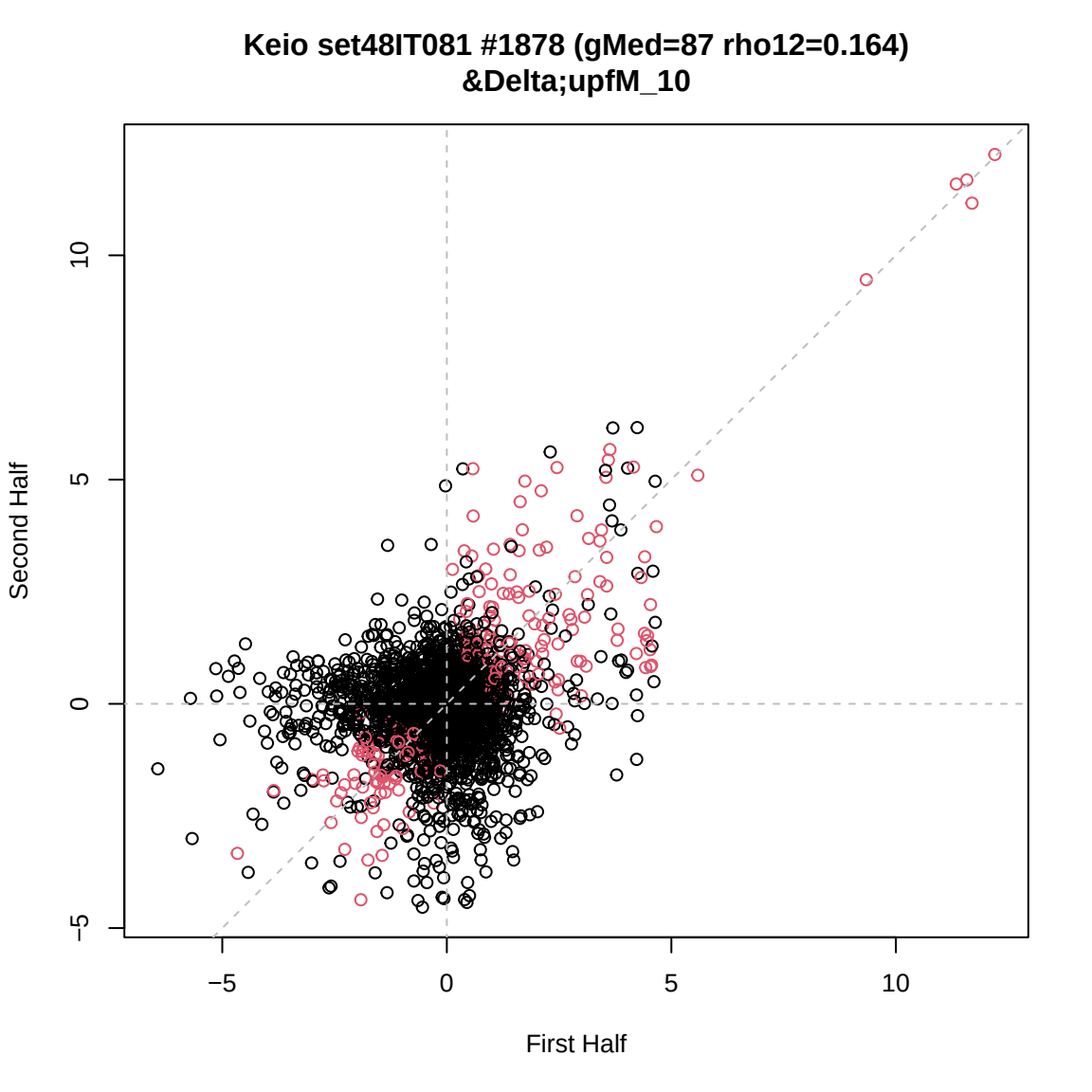

Keio set48IT076 #1873 (gMed=95 rho12=0.140)
ΔpmgV_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

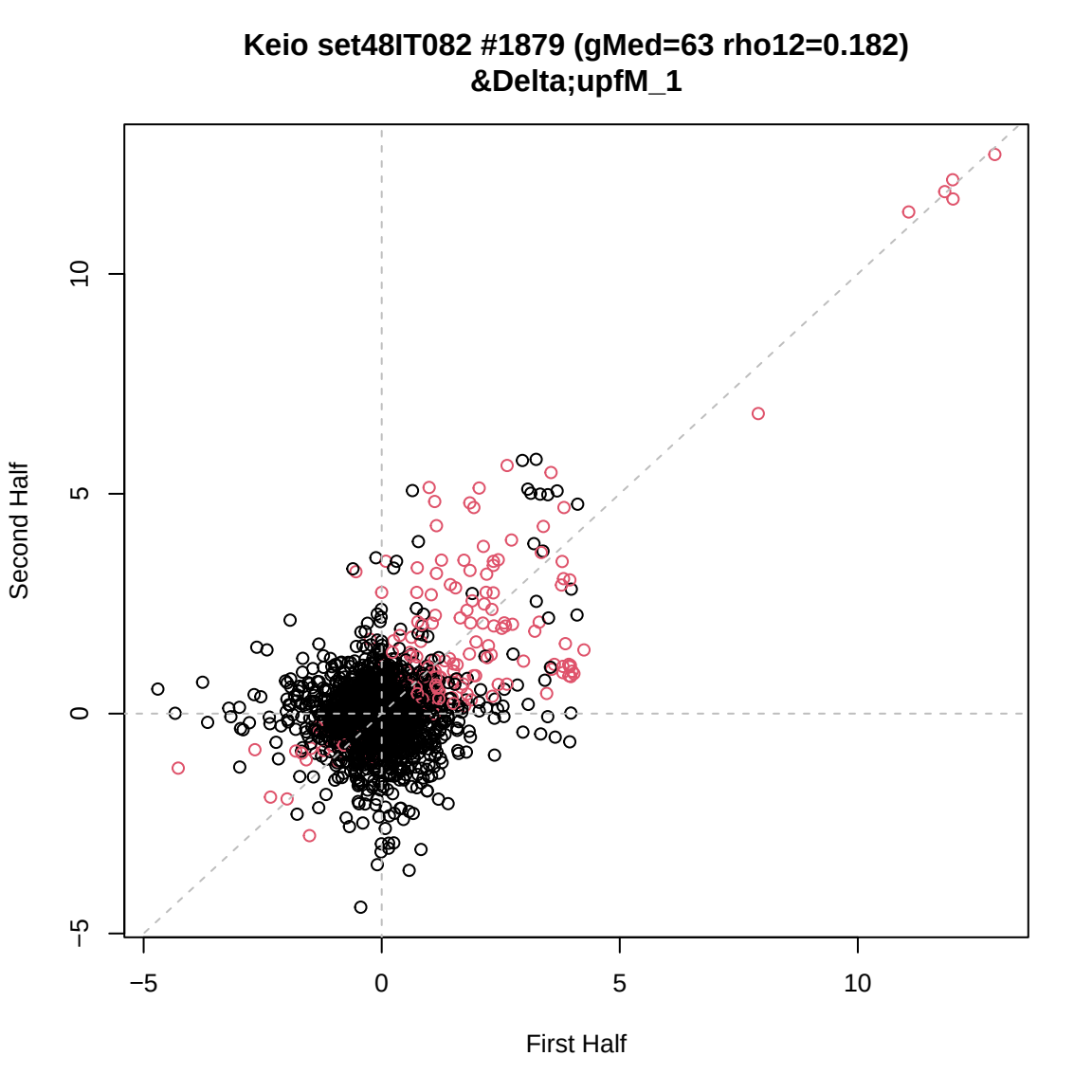

Keio set48IT077 #1874 (gMed=277 rho12=0.096)
ΔpmgS_10
Second Half
First Half
5
0
−5
−5
0
5

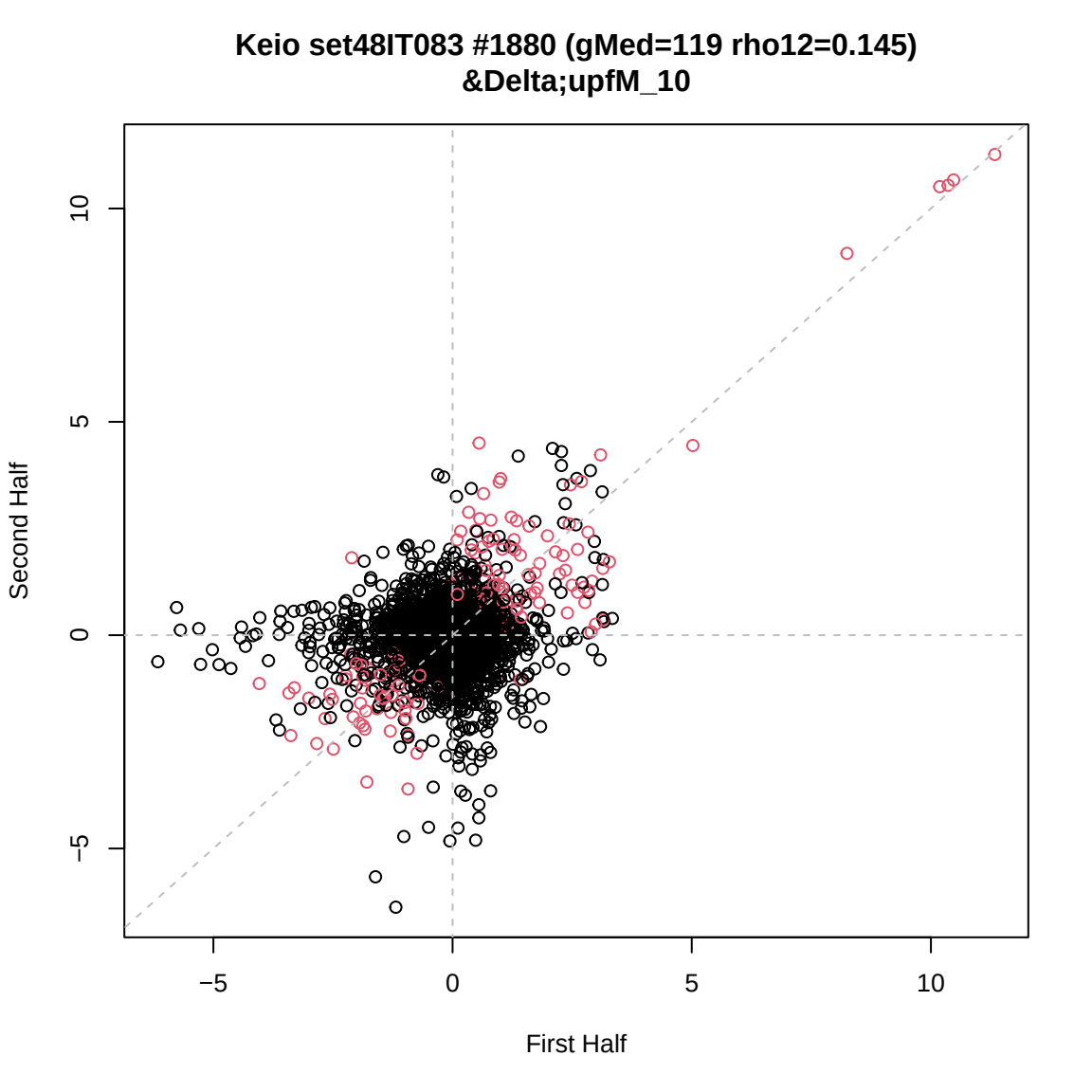

Keio set48IT078 #1875 (gMed=94 rho12=0.155)
ΔpmgS_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

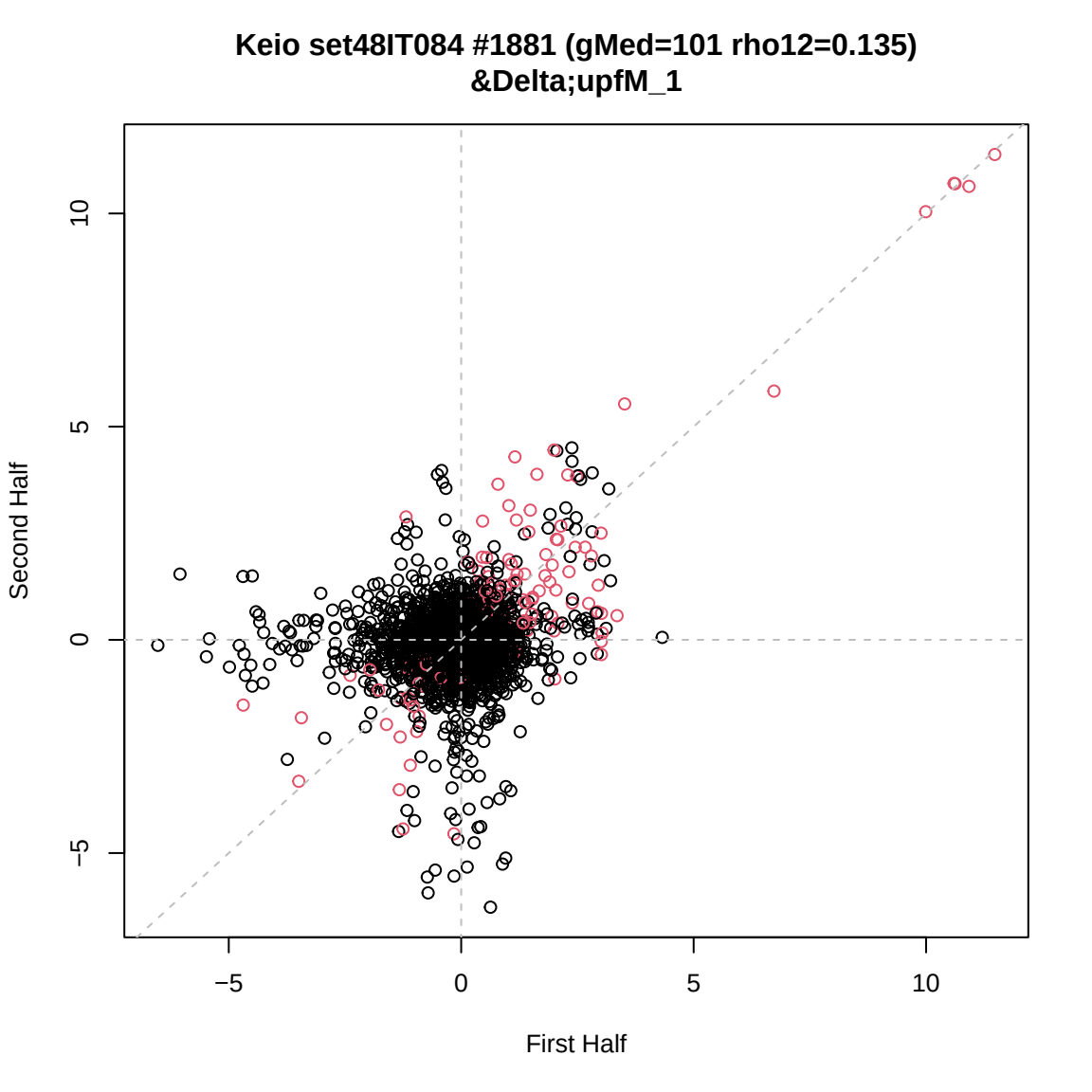

Keio set48IT079 #1876 (gMed=186 rho12=0.179)
ΔpmgS_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

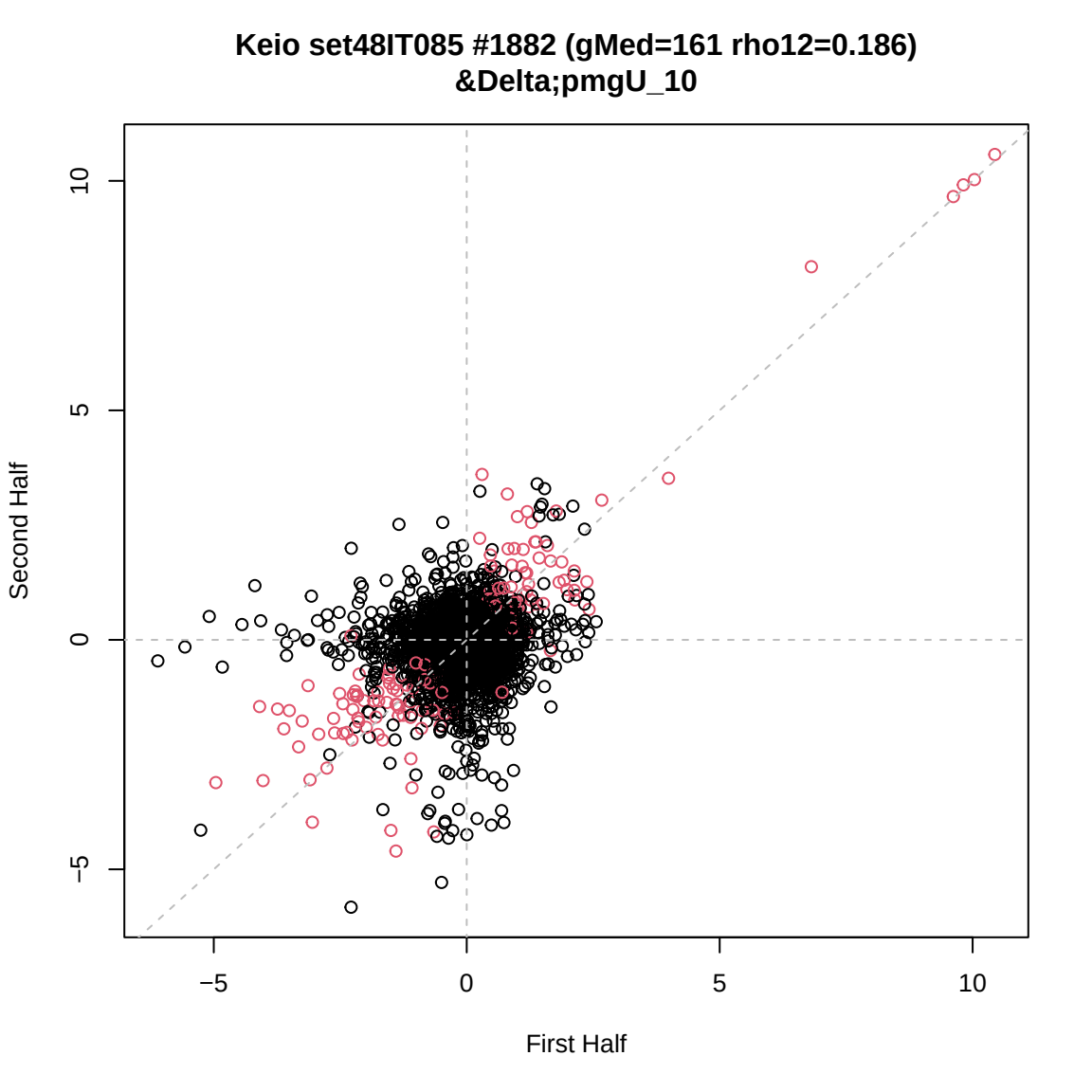

Keio set48IT080 #1877 (gMed=33 rho12=0.237)
ΔpmgS_1
Second Half
First Half
10
5
0
−5
0
5
10

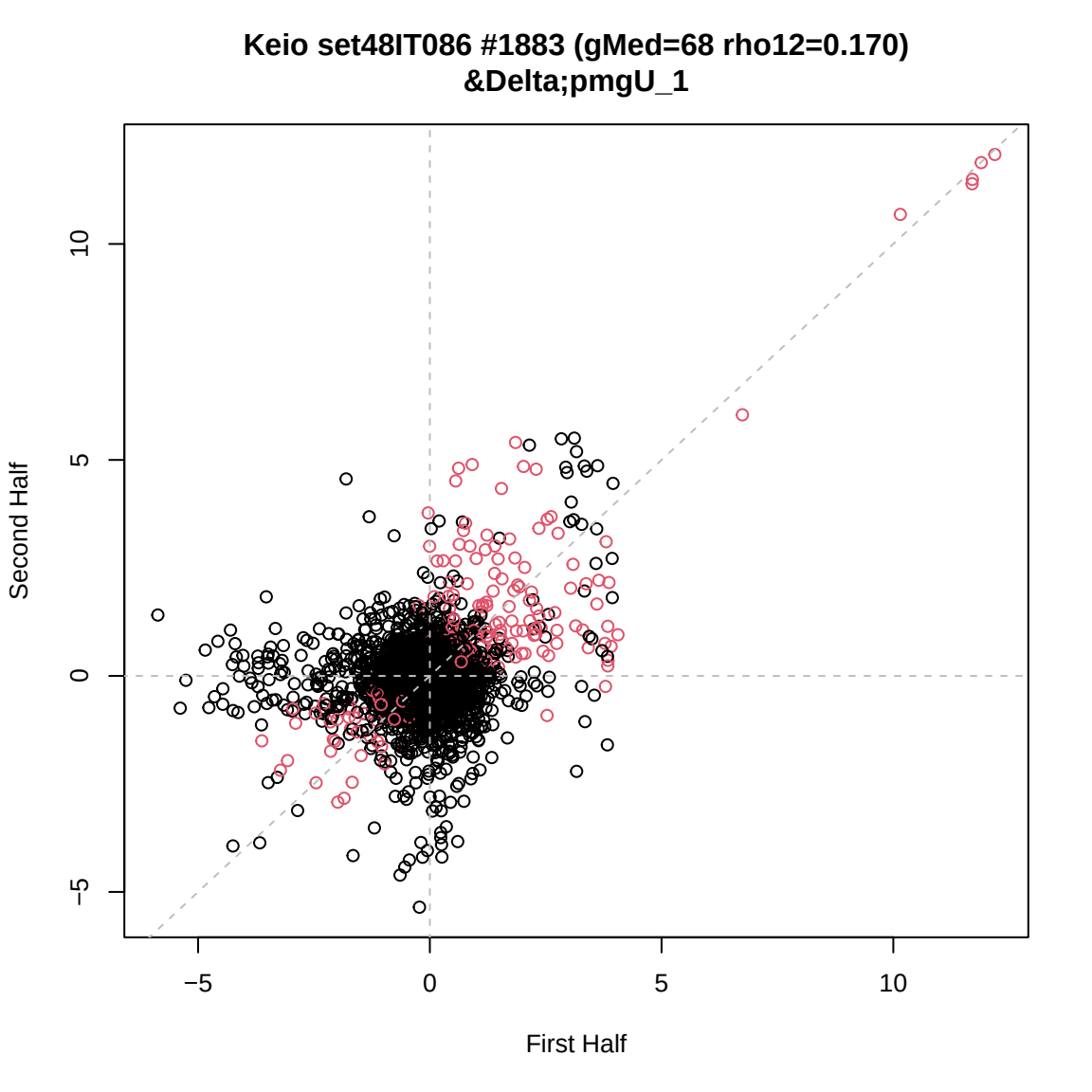

Keio set48IT081 #1878 (gMed=87 rho12=0.164)
ΔupfM_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

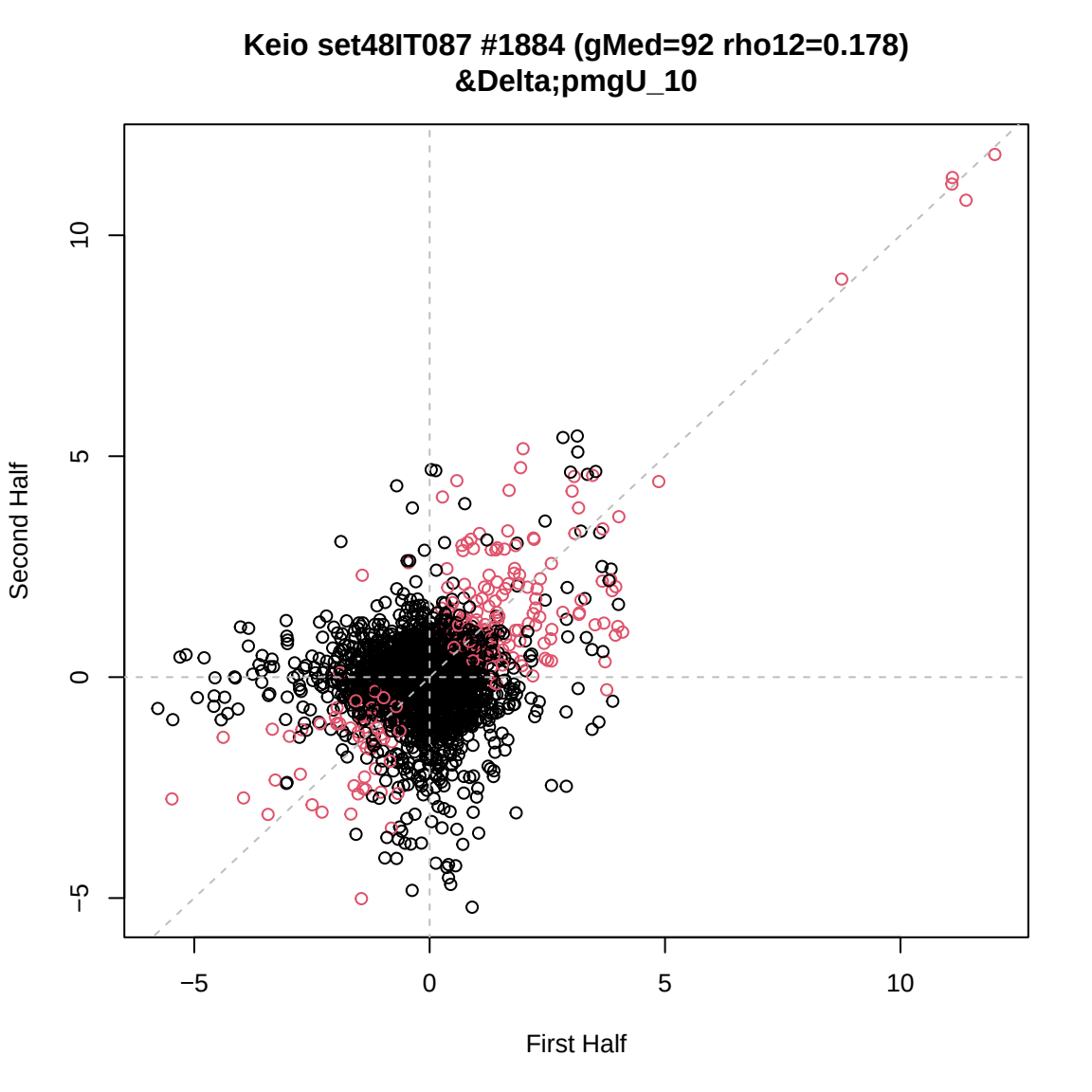

Keio set48IT082 #1879 (gMed=63 rho12=0.182)
ΔupfM_1
Second Half
First Half
−5
0
5
10
−5
0
5
10

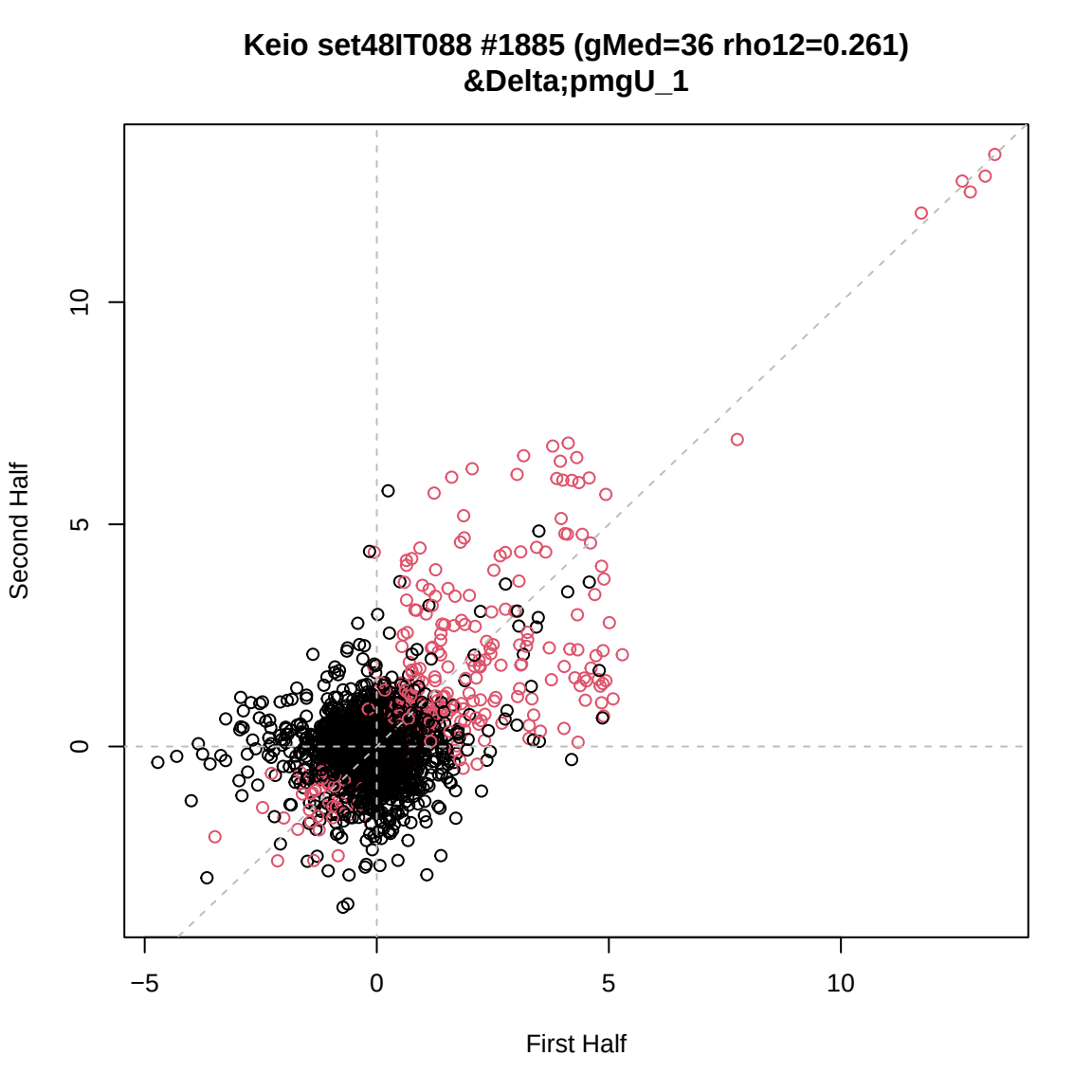

Keio set48IT083 #1880 (gMed=119 rho12=0.145)
ΔupfM_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

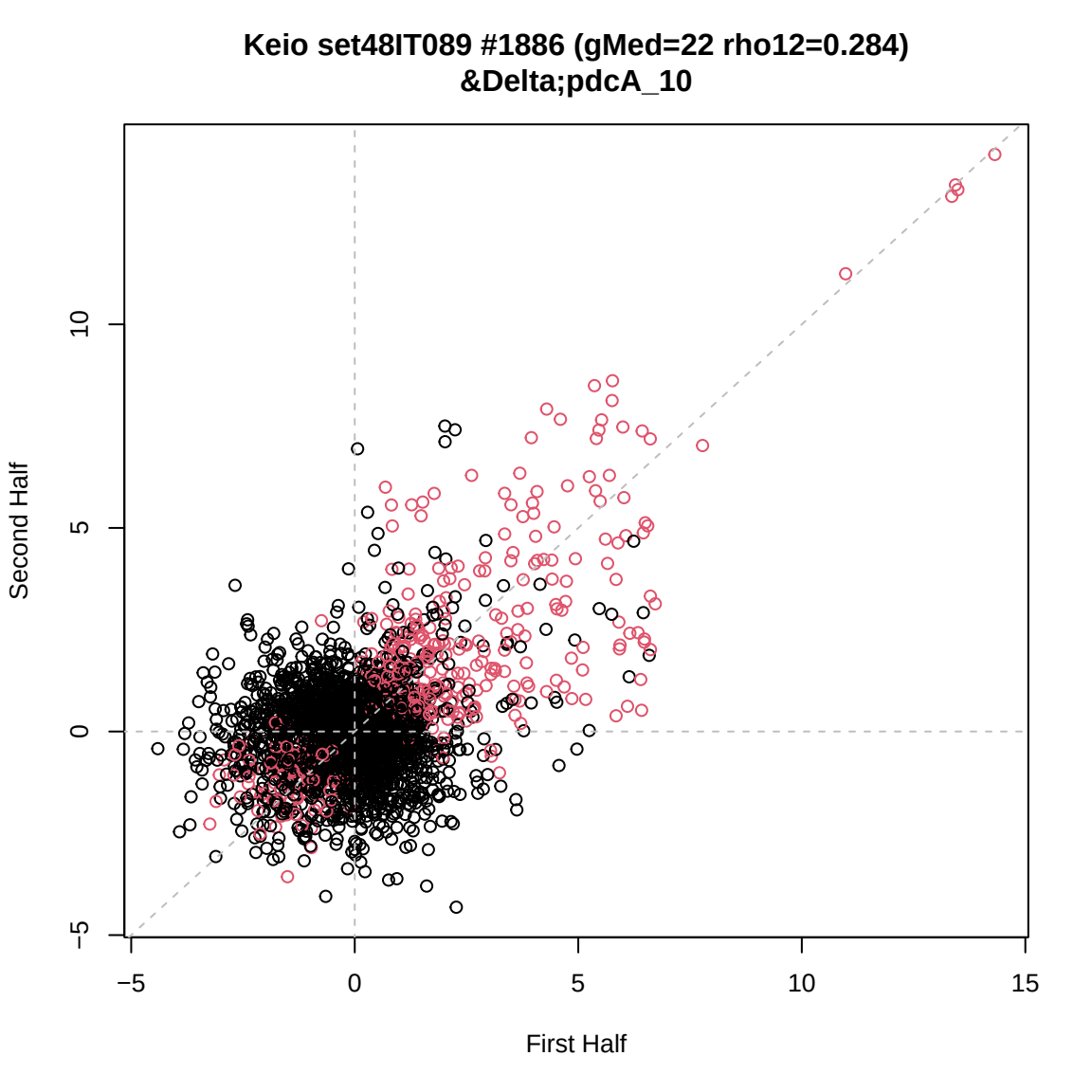

Keio set48IT084 #1881 (gMed=101 rho12=0.135)
ΔupfM_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

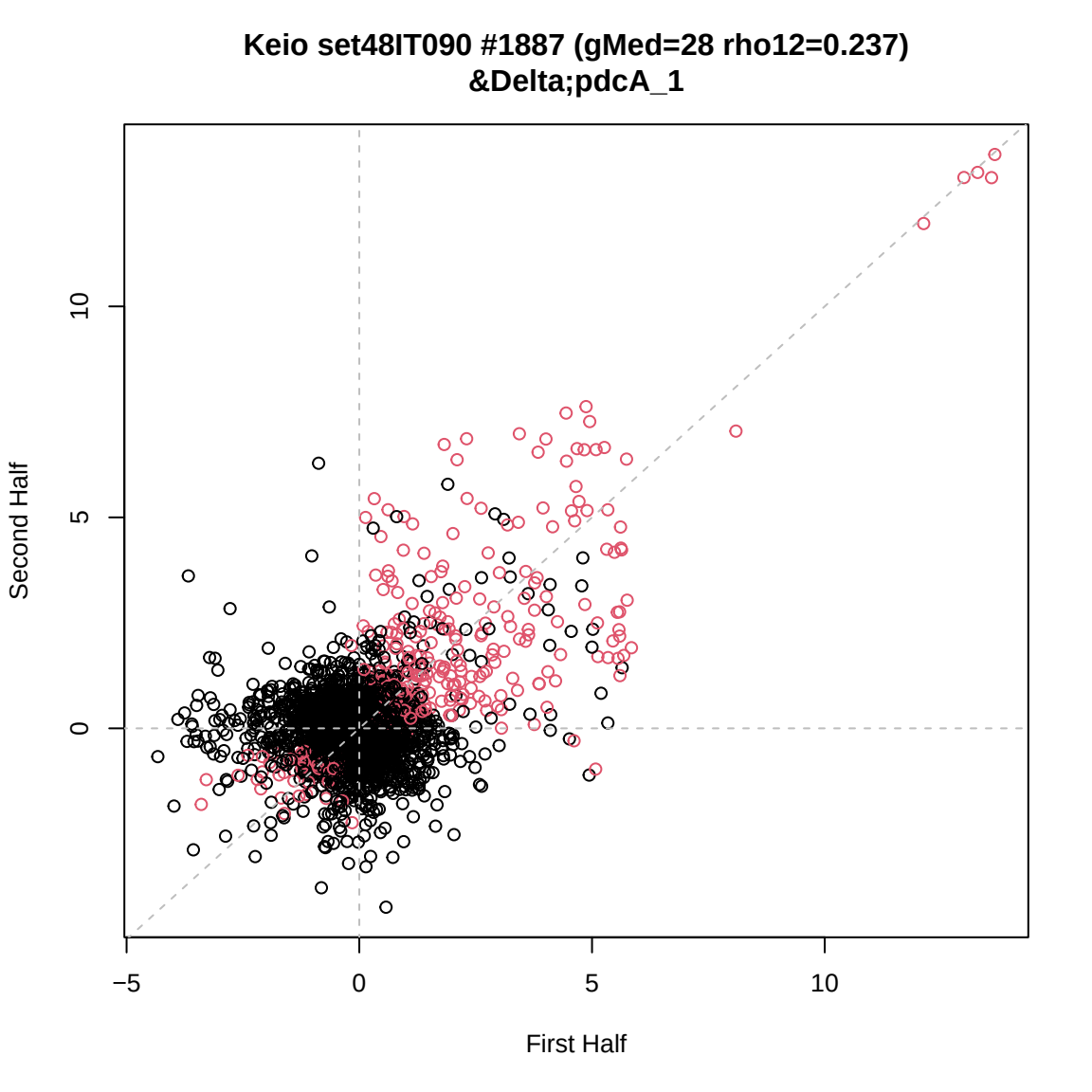

Keio set48IT085 #1882 (gMed=161 rho12=0.186)
ΔpmgU_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

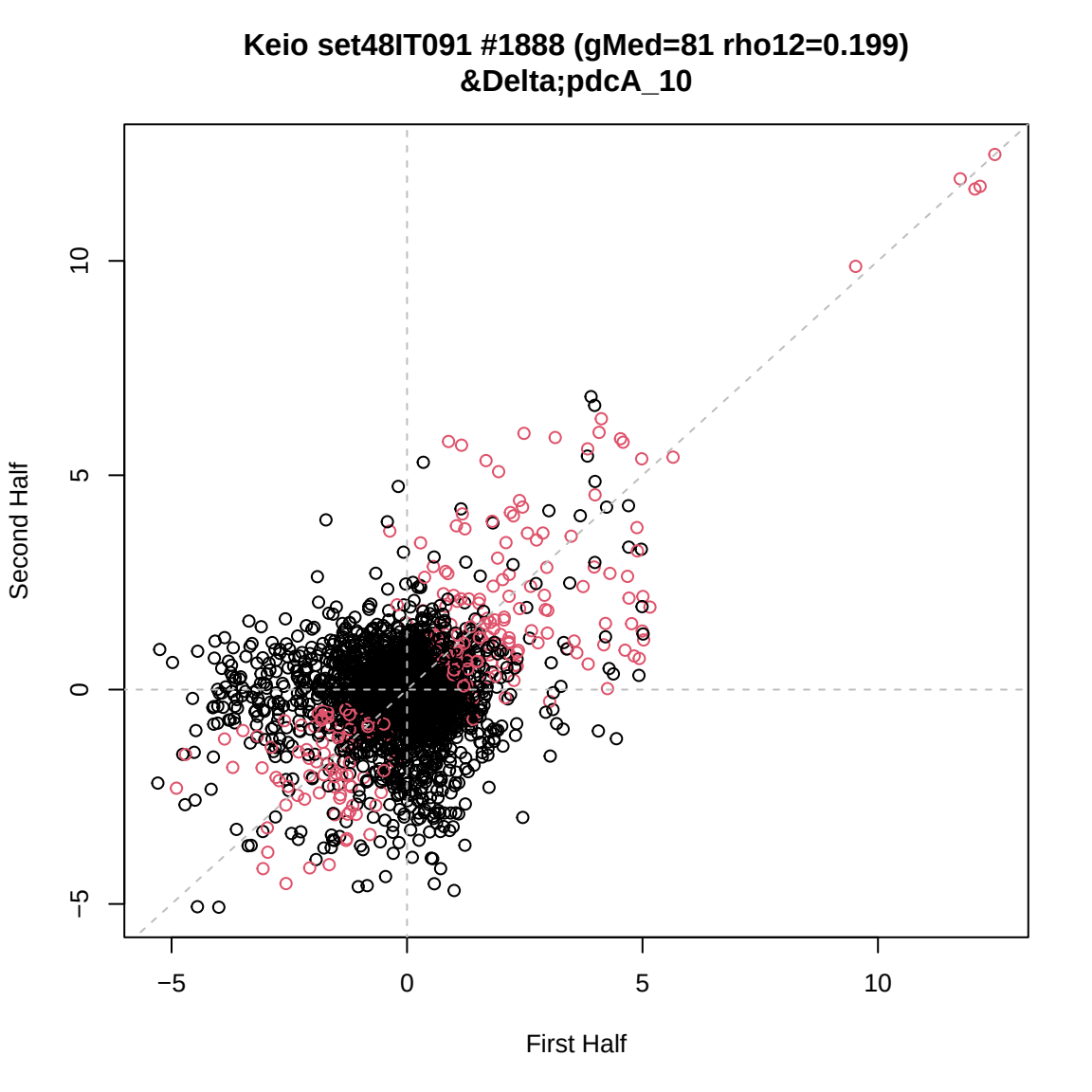

Keio set48IT086 #1883 (gMed=68 rho12=0.170)
ΔpmgU_1
Second Half
First Half
10
5
0
−5
−5
0
5
10

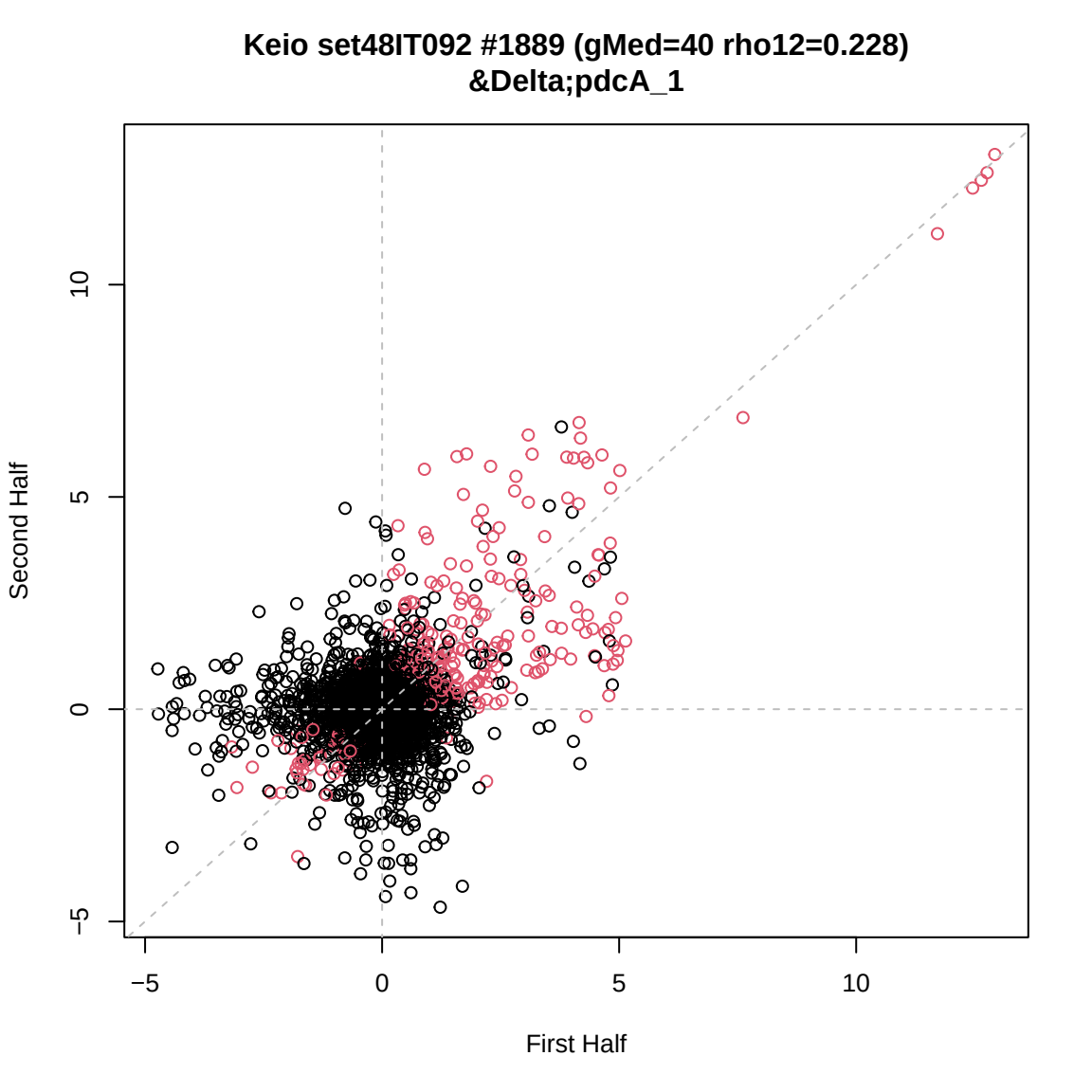

Keio set48IT087 #1884 (gMed=92 rho12=0.178)
ΔpmgU_10
Second Half
First Half
10
5
0
−5
−5
0
5
10

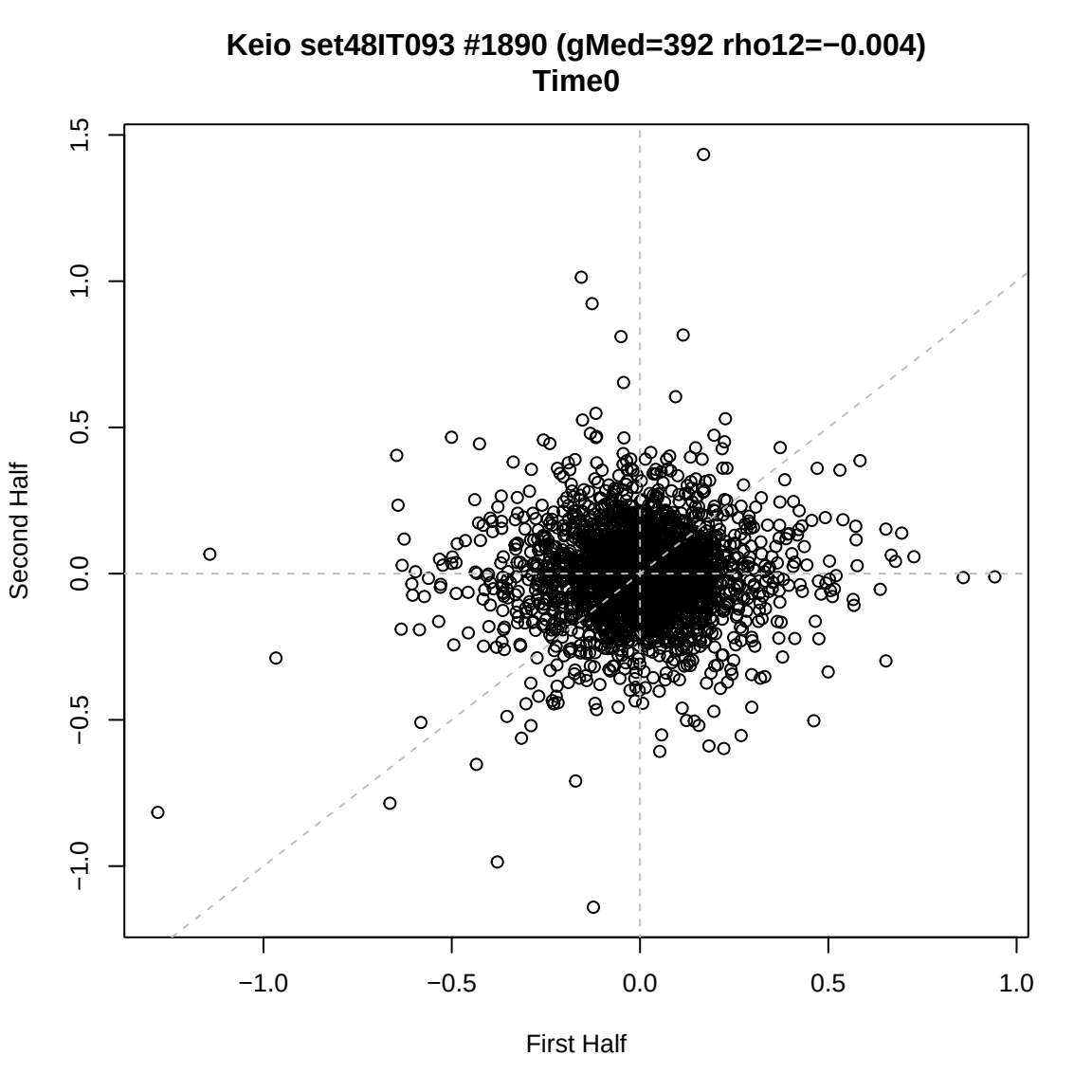

Keio set48IT088 #1885 (gMed=36 rho12=0.261)
ΔpmgU_1
Second Half
First Half
10
5
0
−5
0
5
10

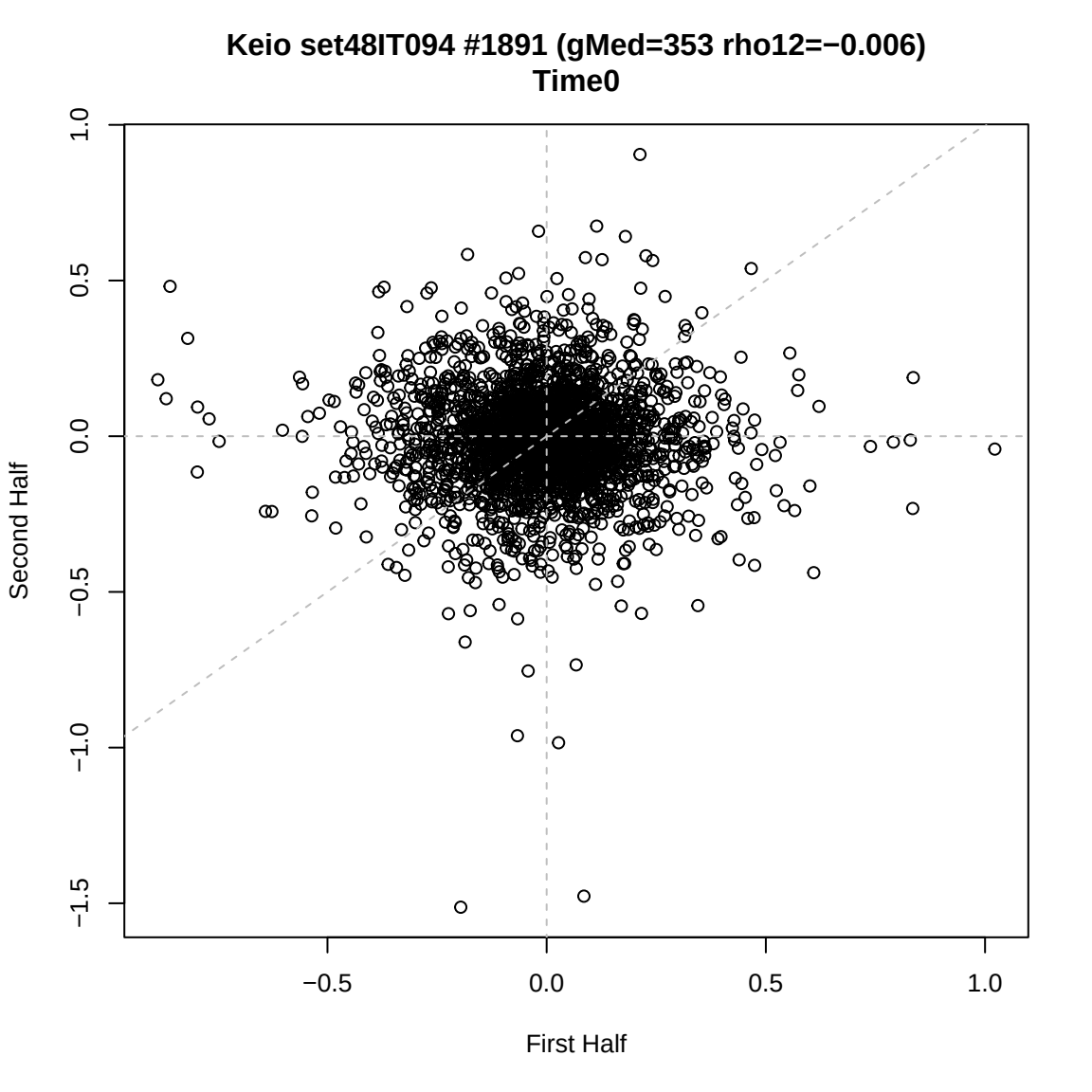

Keio set48IT089 #1886 (gMed=22 rho12=0.284)
ΔpdcA_10
Second Half
First Half
−5
0
5
10
15
−5
0
5
10

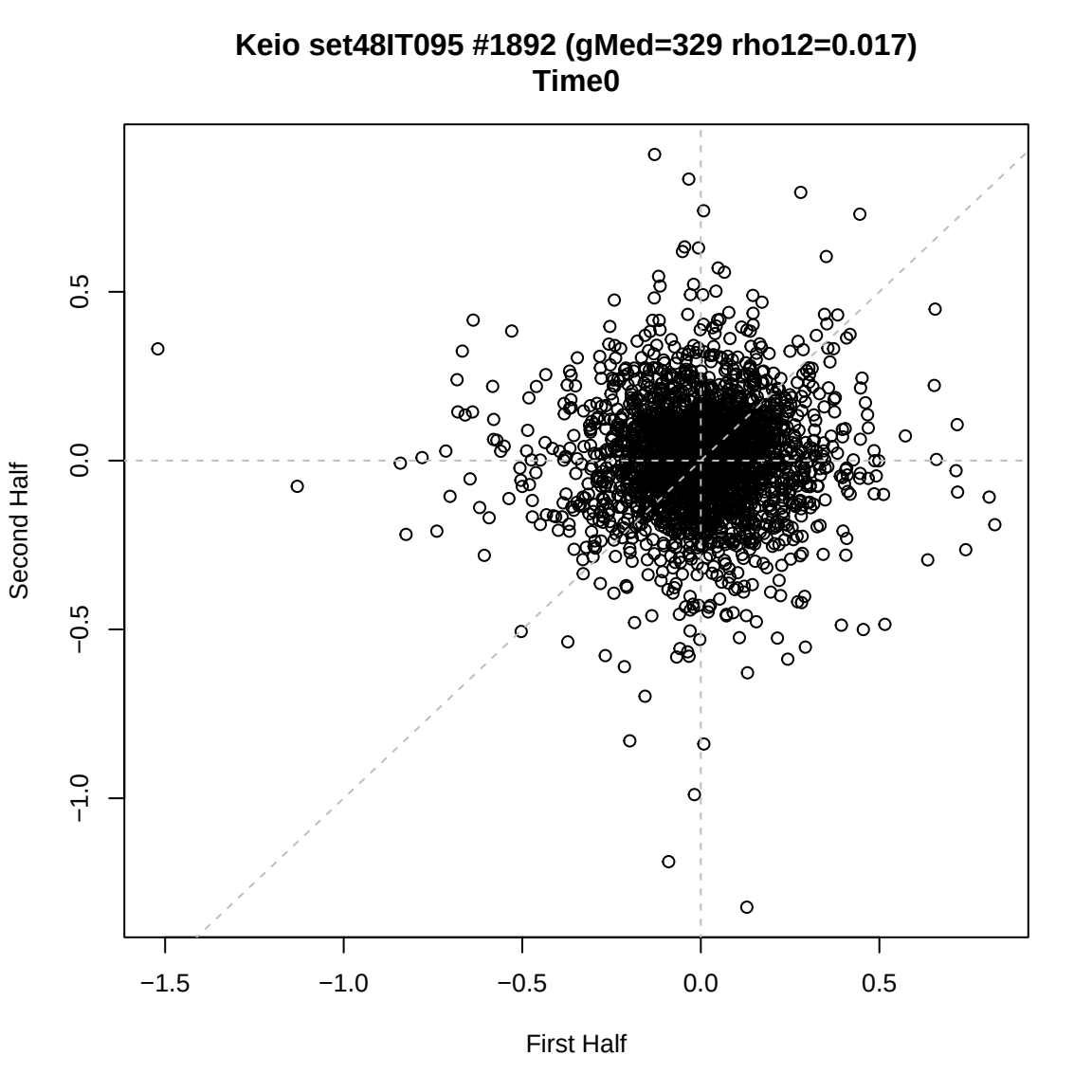

Keio set48IT090 #1887 (gMed=28 rho12=0.237)
ΔpdcA_1
Second Half
First Half
−5
0
5
10
0
5
10

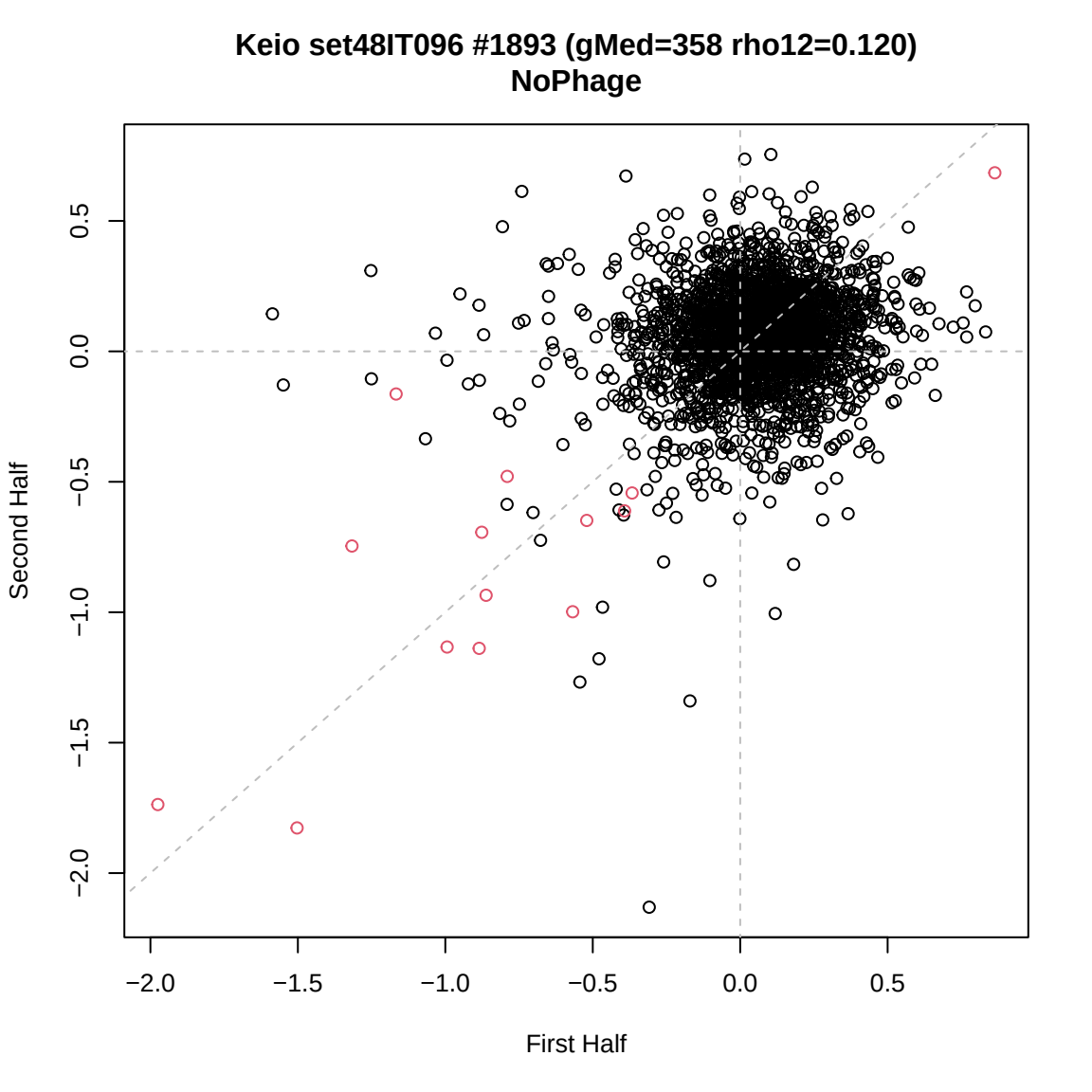

Keio set48IT091 #1888 (gMed=81 rho12=0.199)
ΔpdcA_10
Second Half
First Half
−5
0
5
10
−5
0
5
10

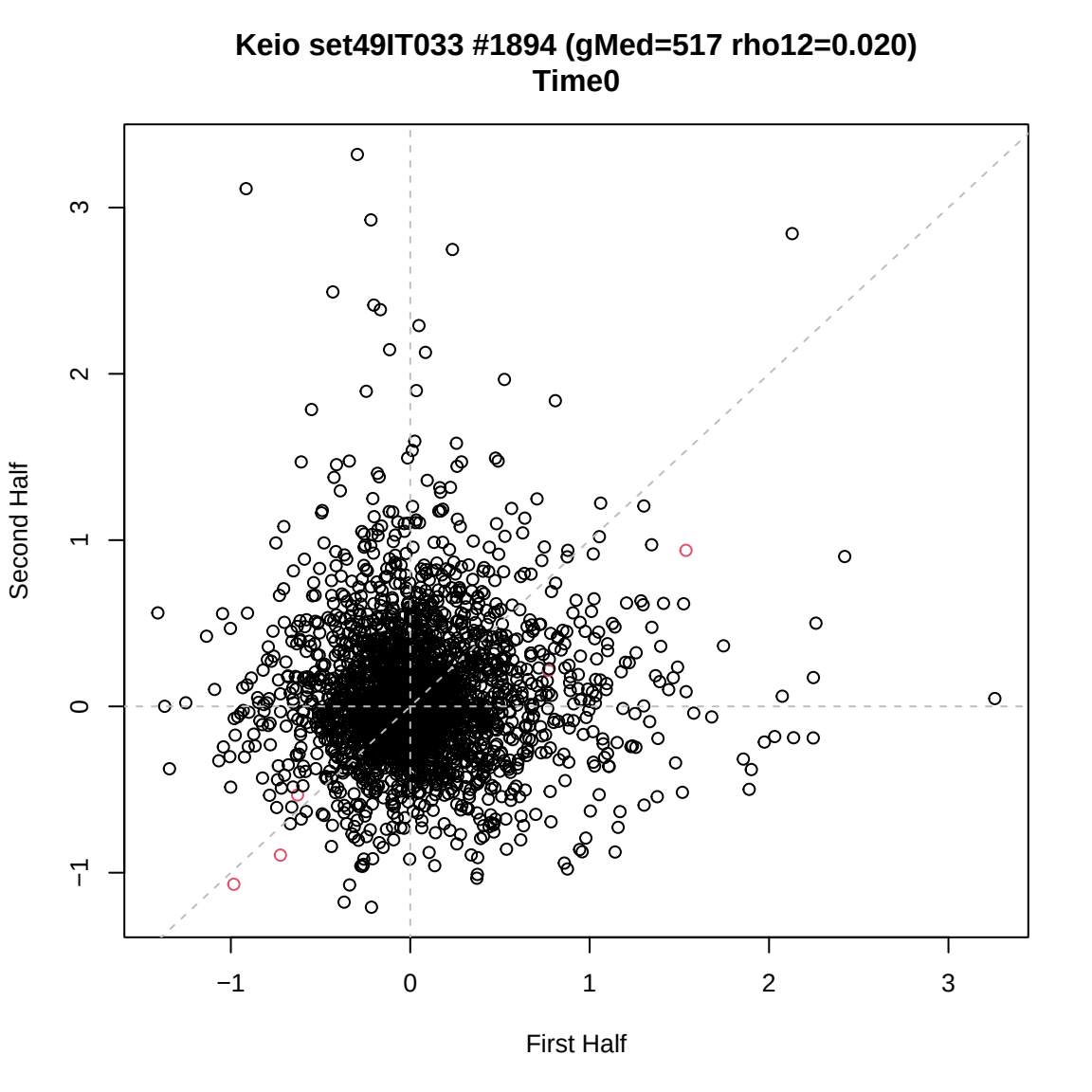

Keio set48IT092 #1889 (gMed=40 rho12=0.228)
ΔpdcA_1
Second Half
First Half
−5
0
5
10
−5
0
5
10

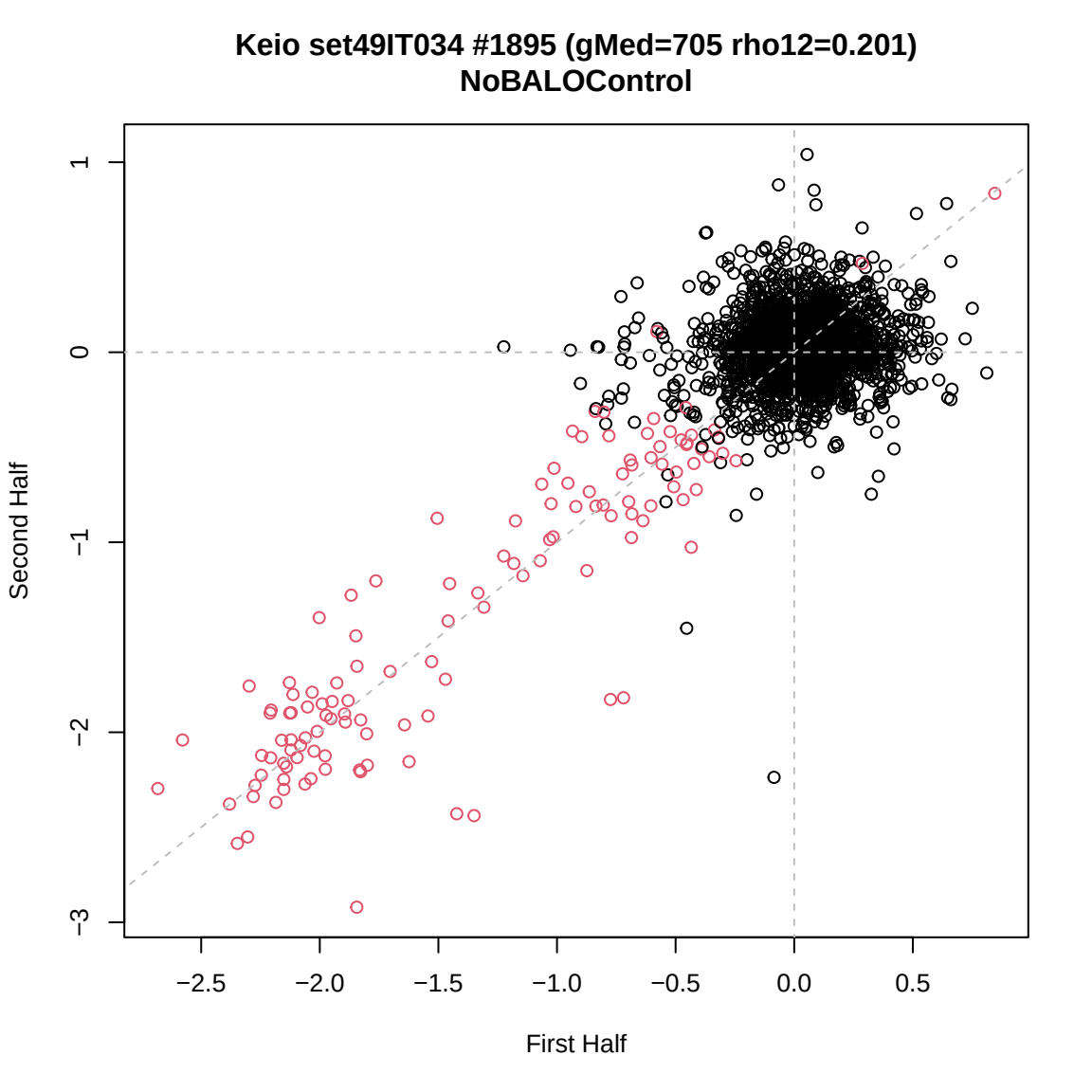

Keio set48IT093 #1890 (gMed=392 rho12=−0.004)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

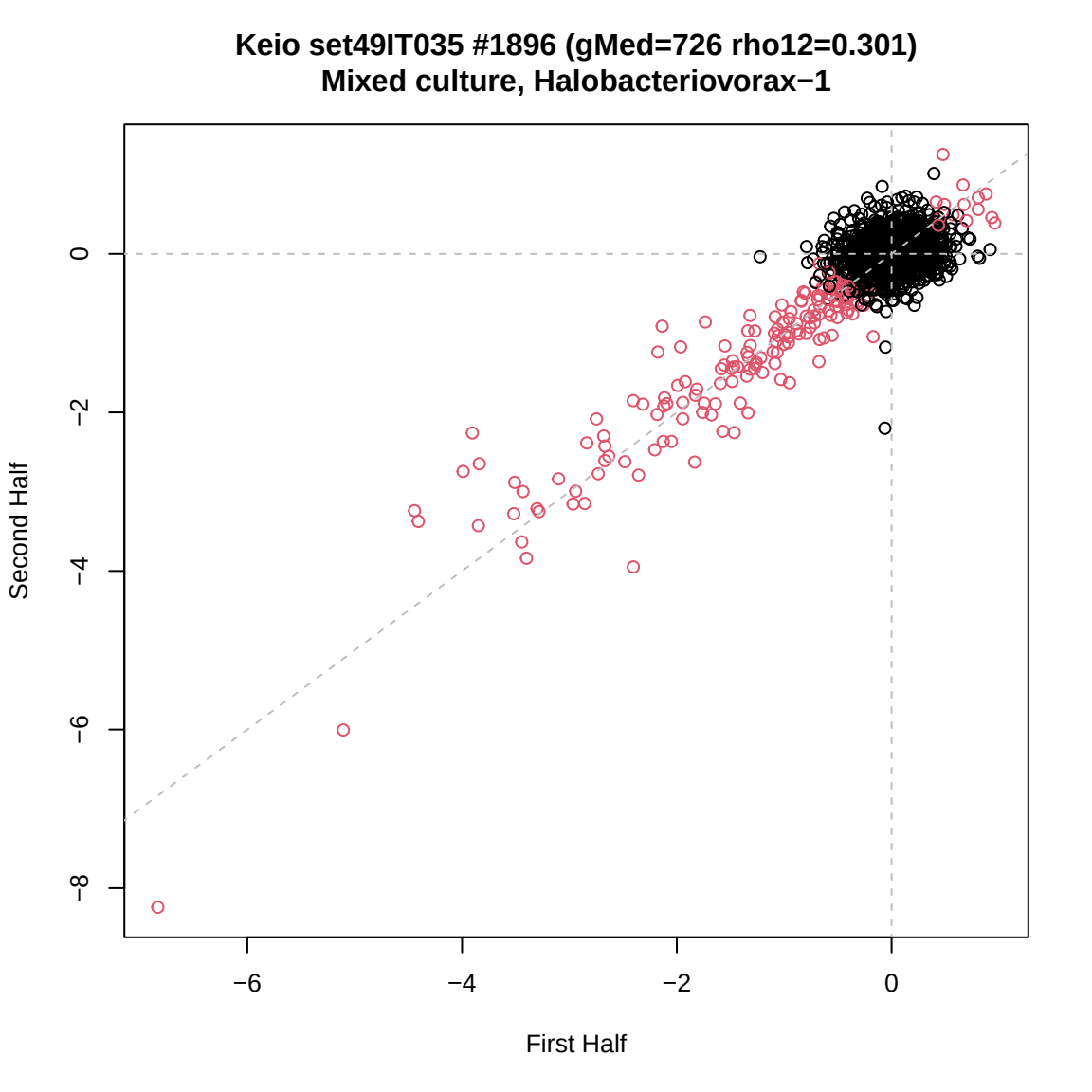

Keio set48IT094 #1891 (gMed=353 rho12=−0.006)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−0.5
0.0
0.5
1.0

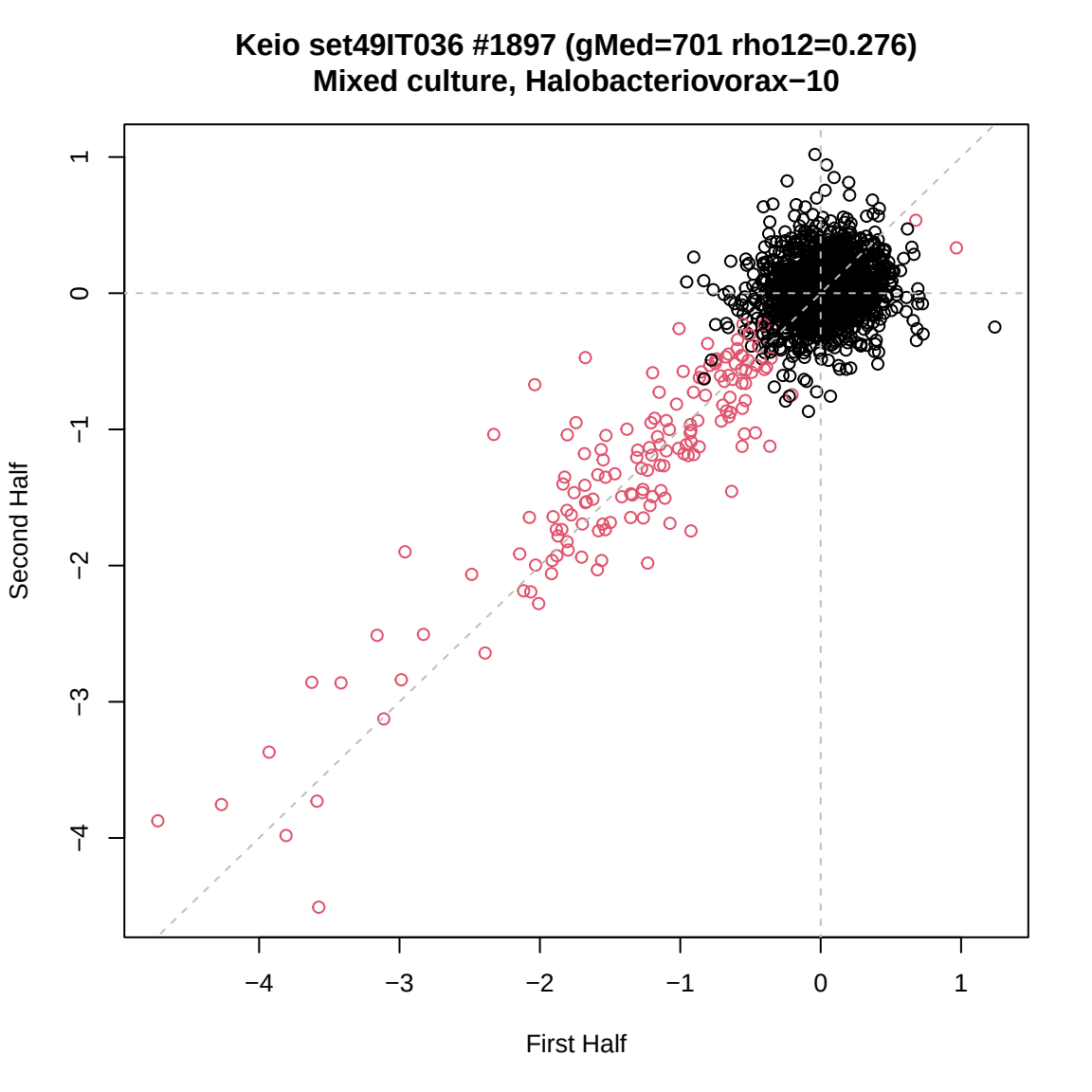

Keio set48IT095 #1892 (gMed=329 rho12=0.017)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

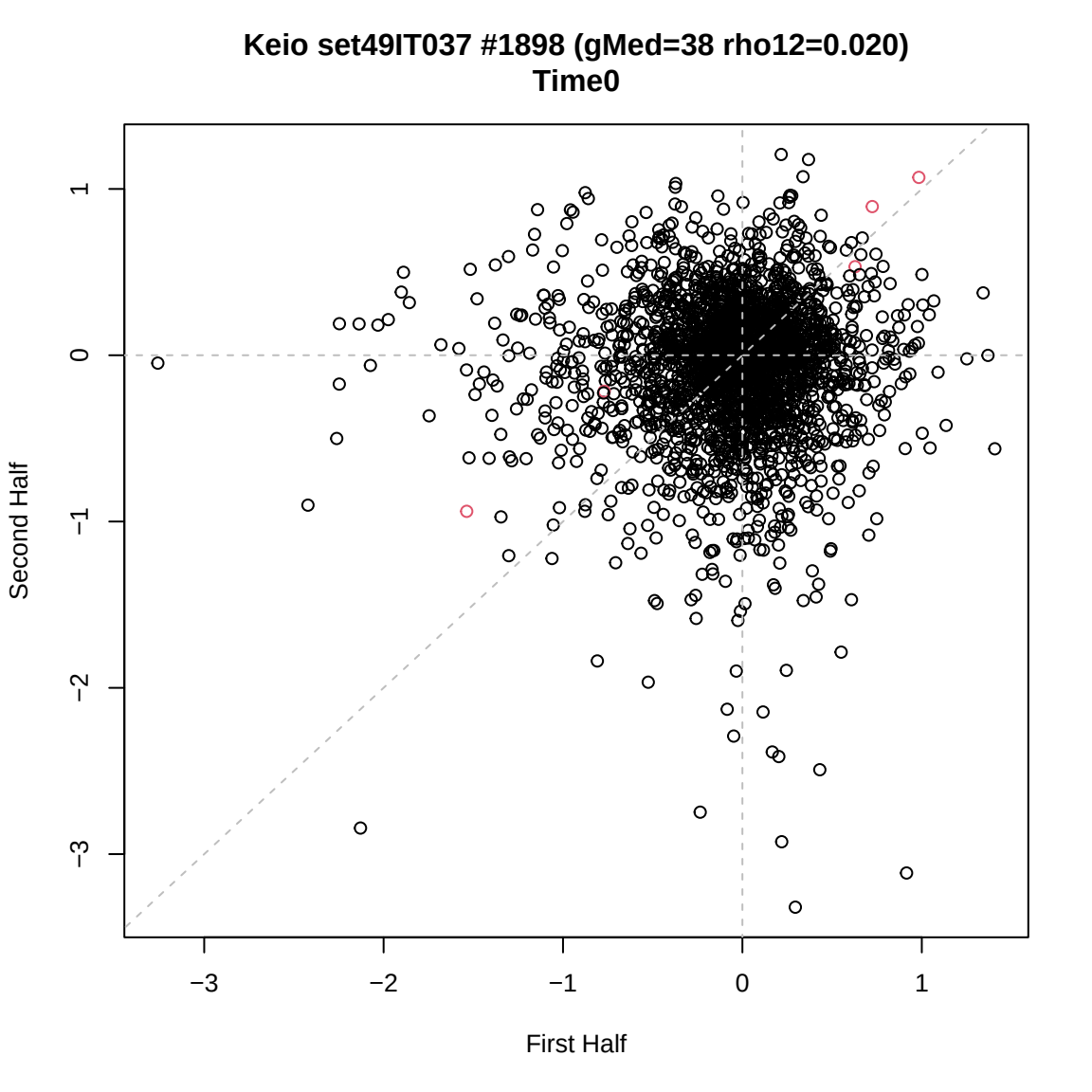

Keio set48IT096 #1893 (gMed=358 rho12=0.120)
NoPhage
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5

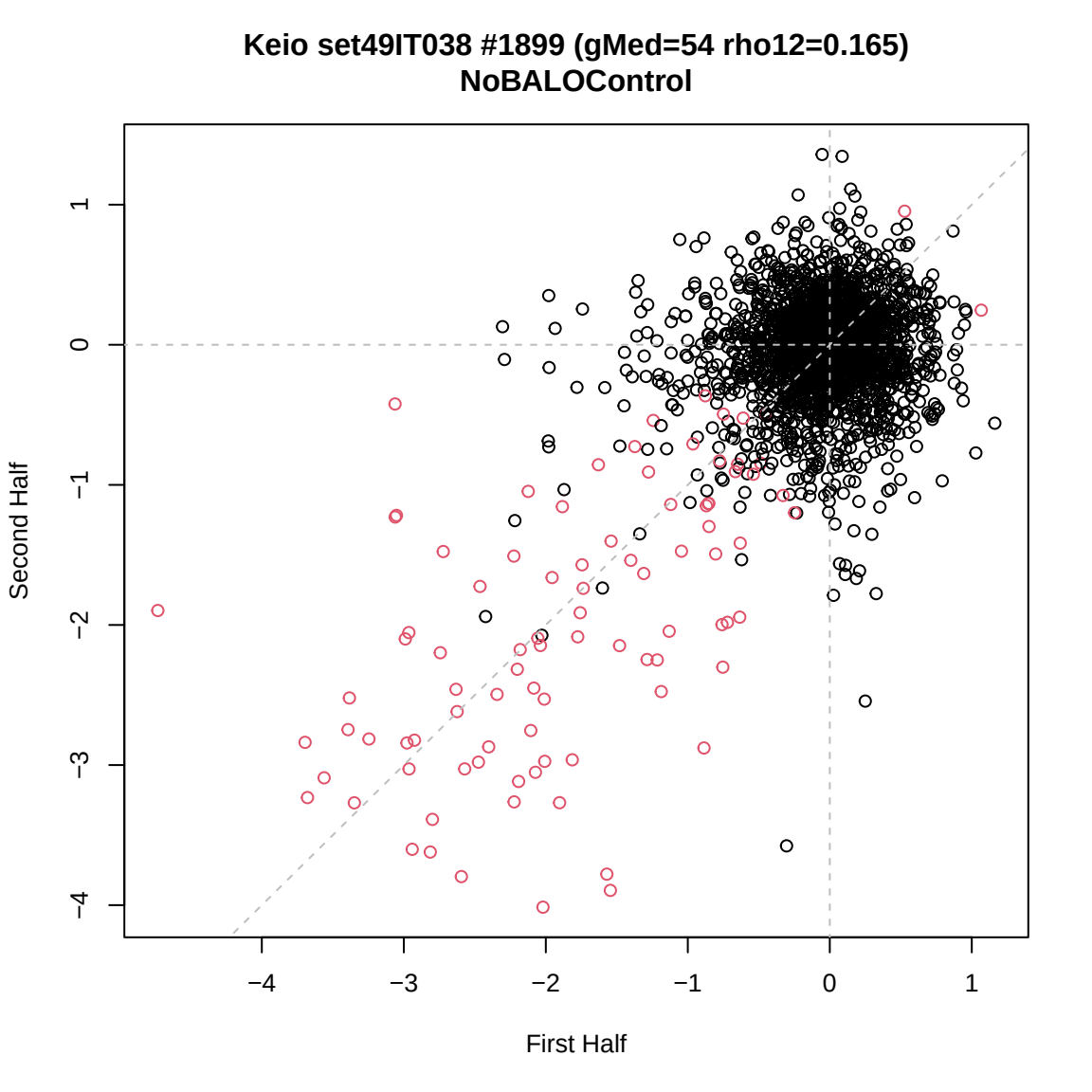

Keio set49IT033 #1894 (gMed=517 rho12=0.020)
Time0
Second Half
First Half
3
2
1
0
−1
−1
0
1
2
3

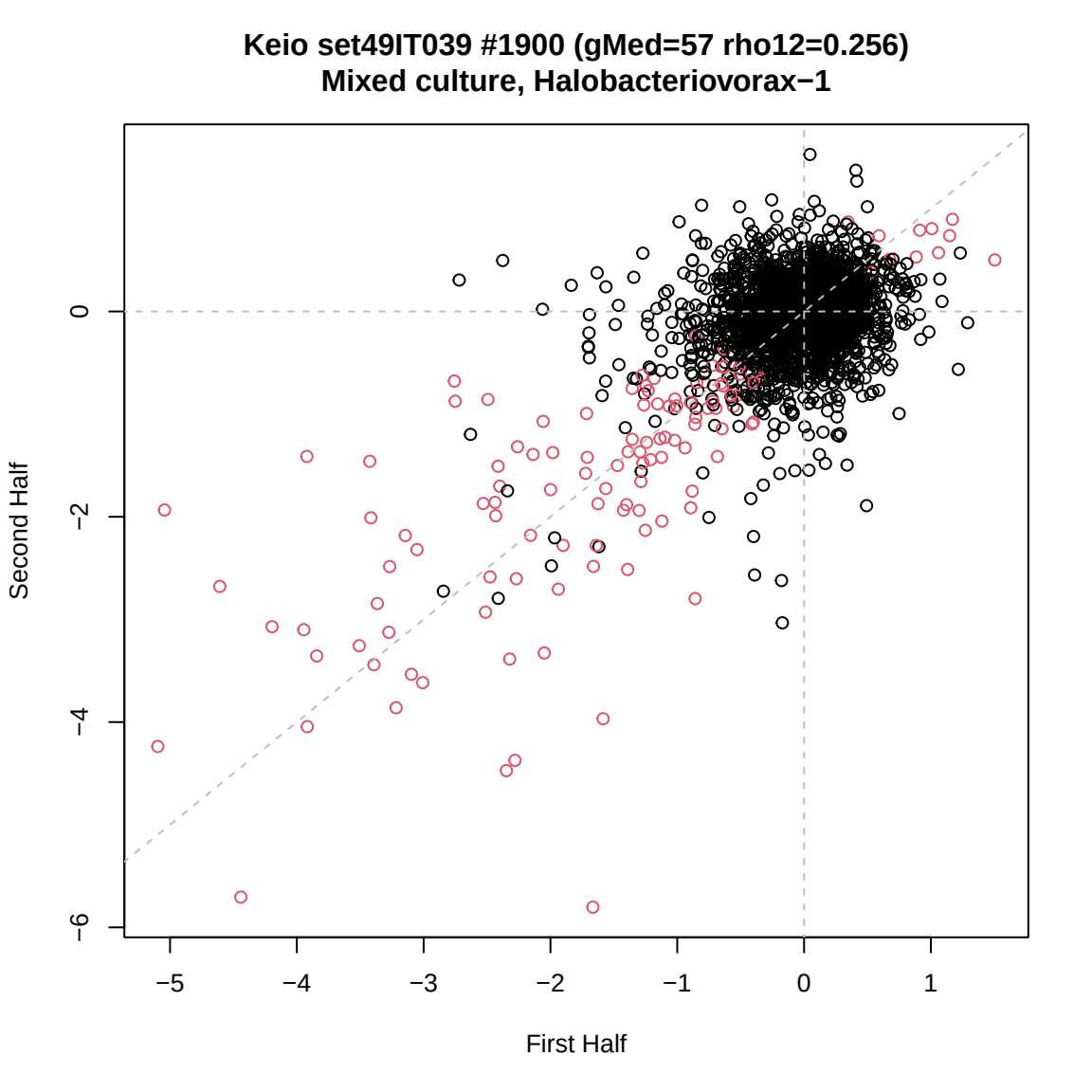

Keio set49IT034 #1895 (gMed=705 rho12=0.201)
NoBALOControl
Second Half
First Half
1
0
−1
−2
−3
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

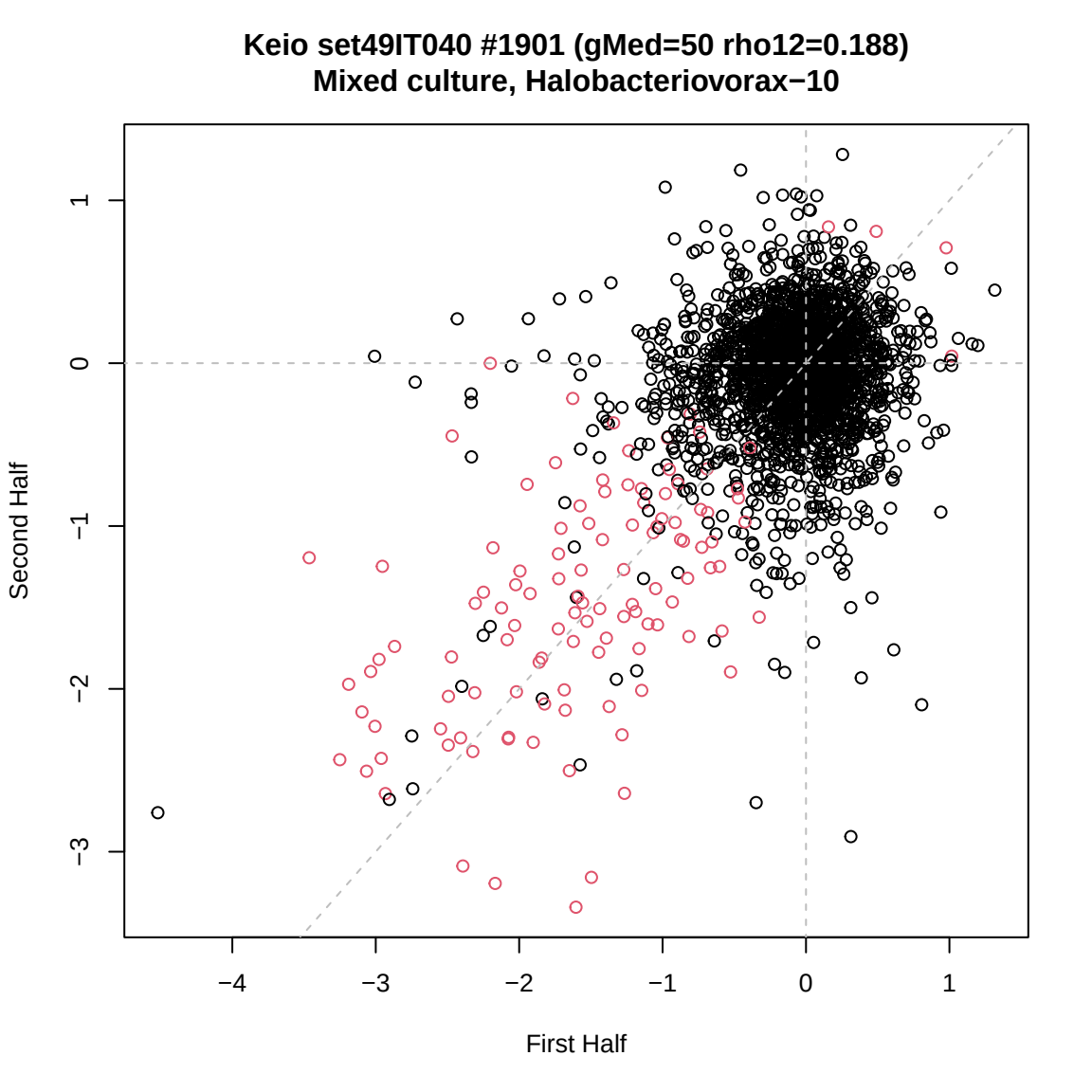

Keio set49IT035 #1896 (gMed=726 rho12=0.301)
Mixed culture, Halobacteriovorax−1
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

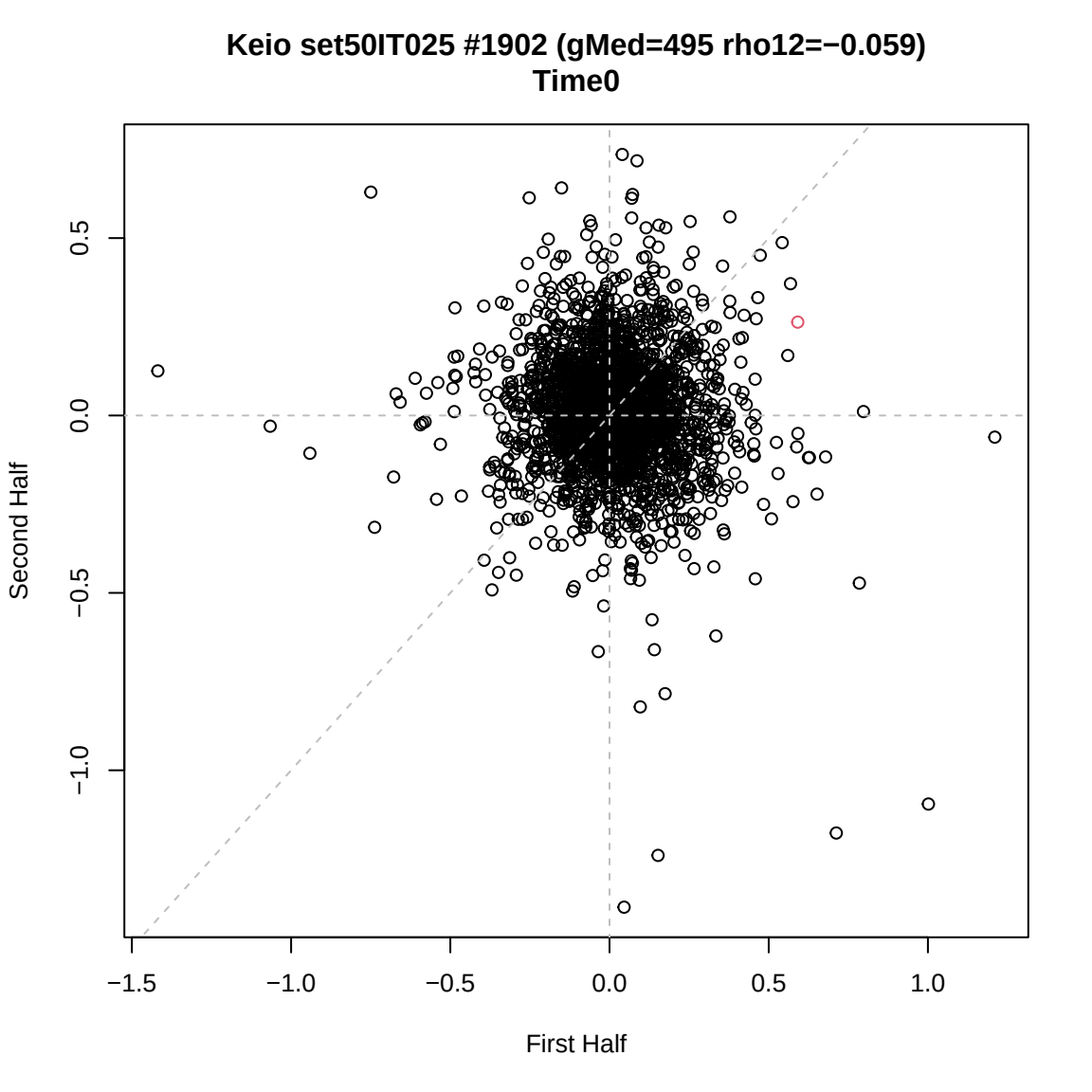

Keio set49IT036 #1897 (gMed=701 rho12=0.276)
Mixed culture, Halobacteriovorax−10
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

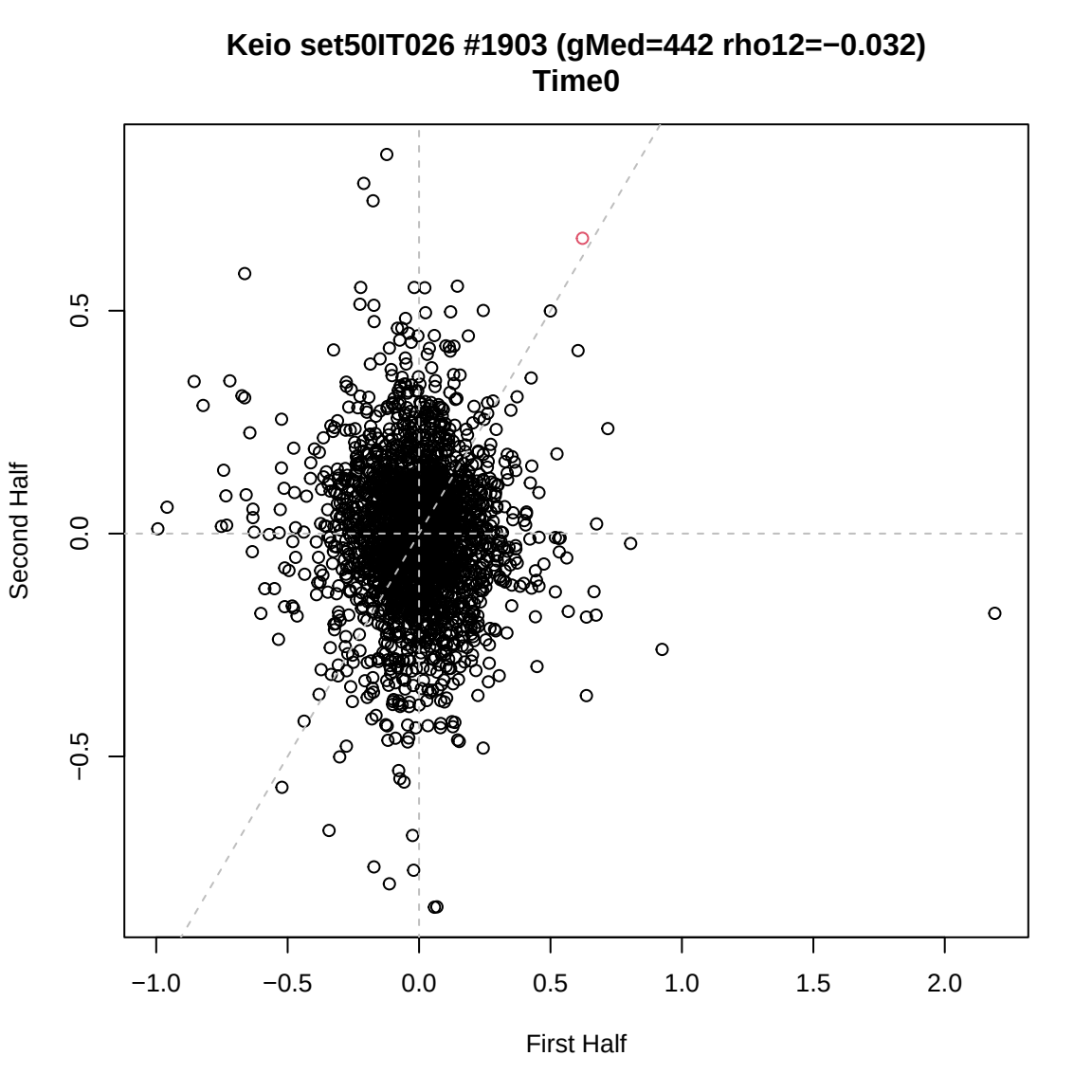

Keio set49IT037 #1898 (gMed=38 rho12=0.020)
Time0
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

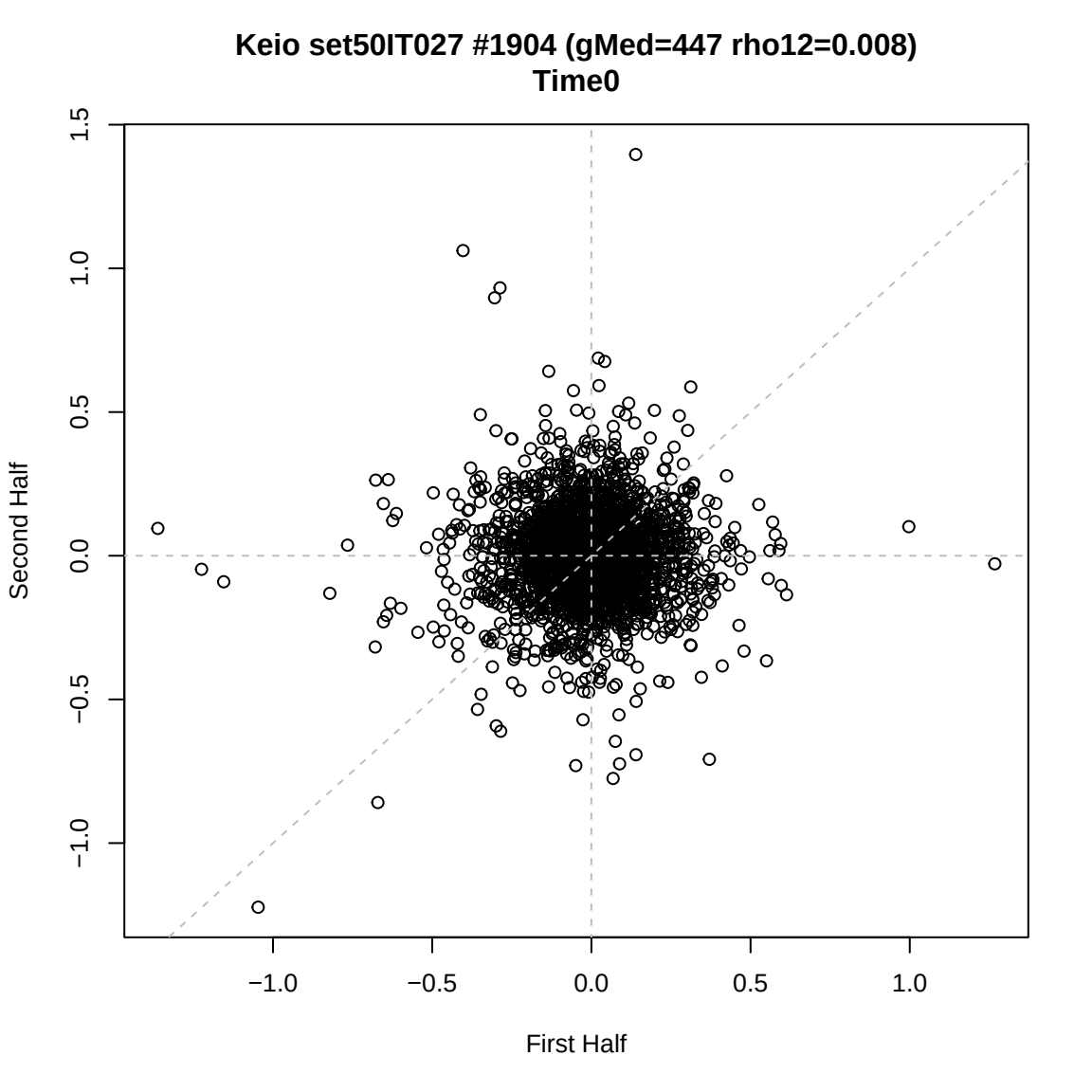

Keio set49IT038 #1899 (gMed=54 rho12=0.165)
NoBALOControl
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

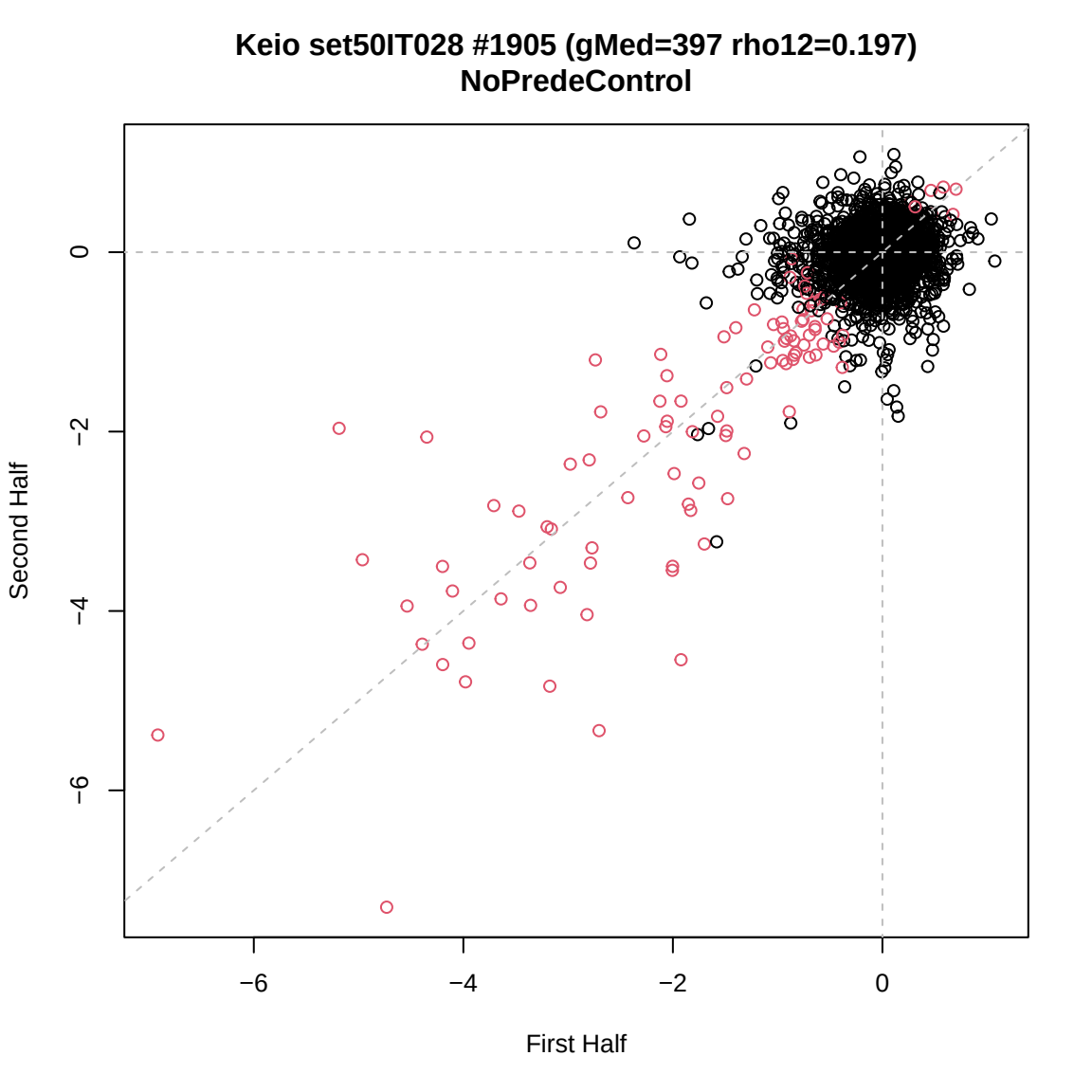

Keio set49IT039 #1900 (gMed=57 rho12=0.256)
Mixed culture, Halobacteriovorax−1
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

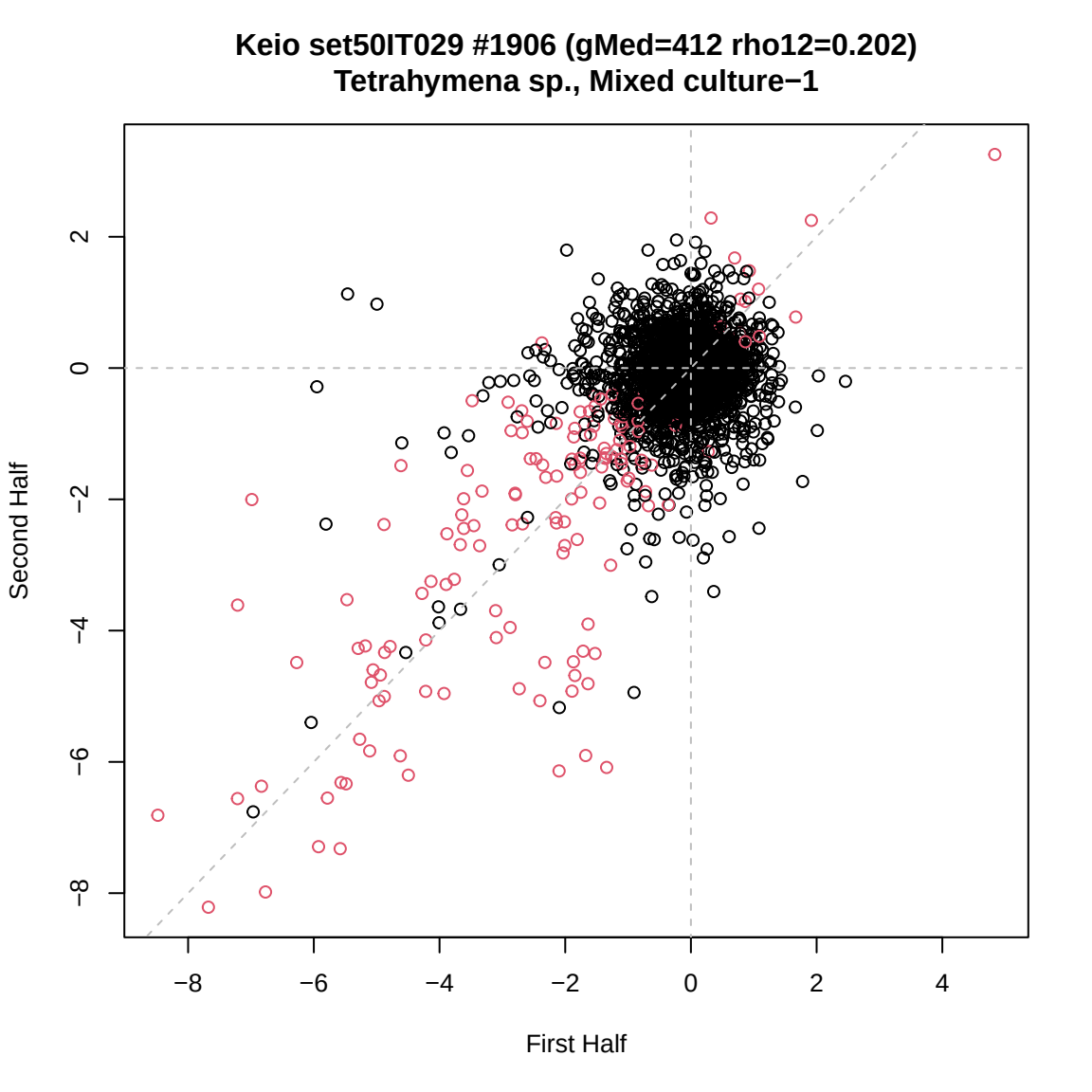

Keio set49IT040 #1901 (gMed=50 rho12=0.188)
Mixed culture, Halobacteriovorax−10
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

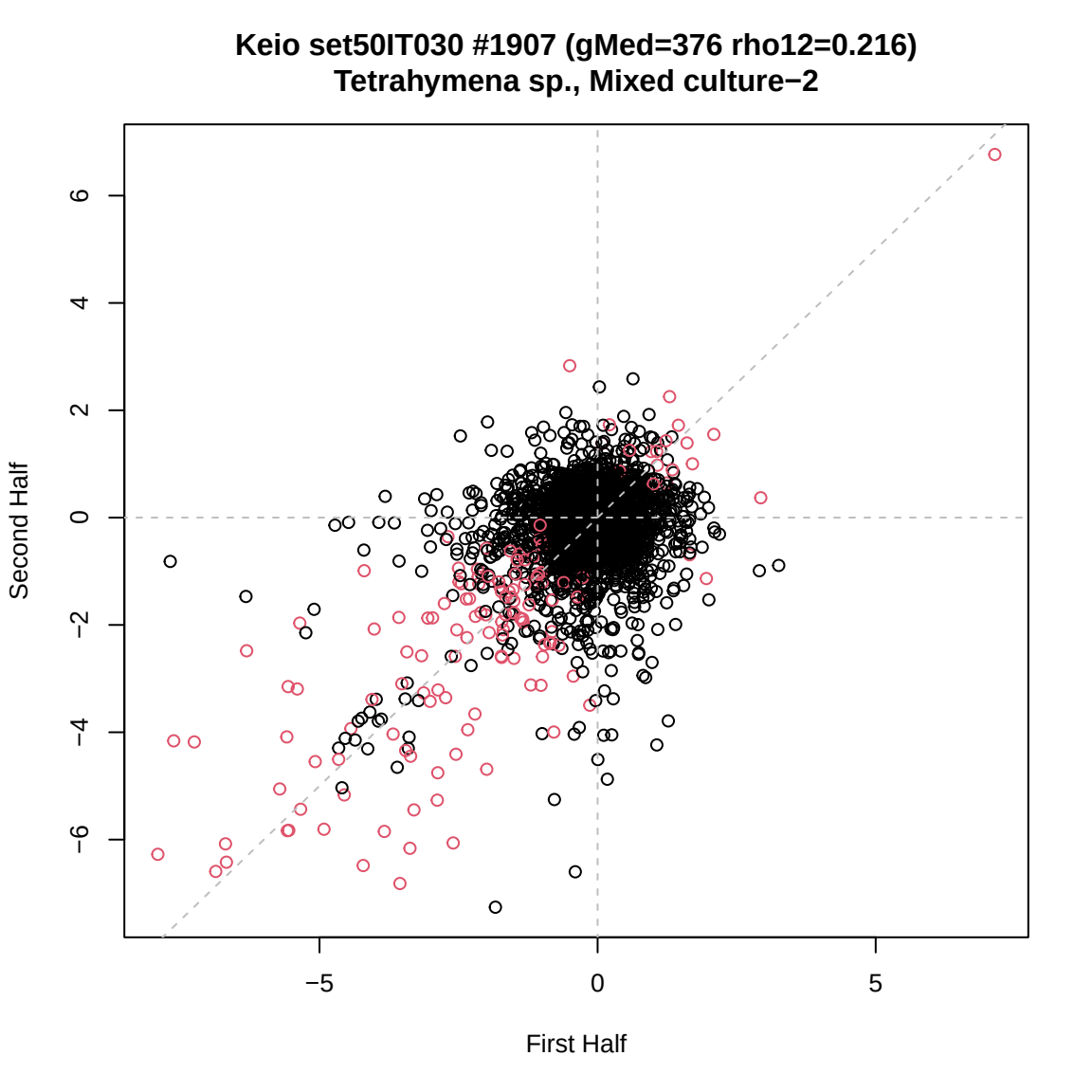

Keio set50IT025 #1902 (gMed=495 rho12=−0.059)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

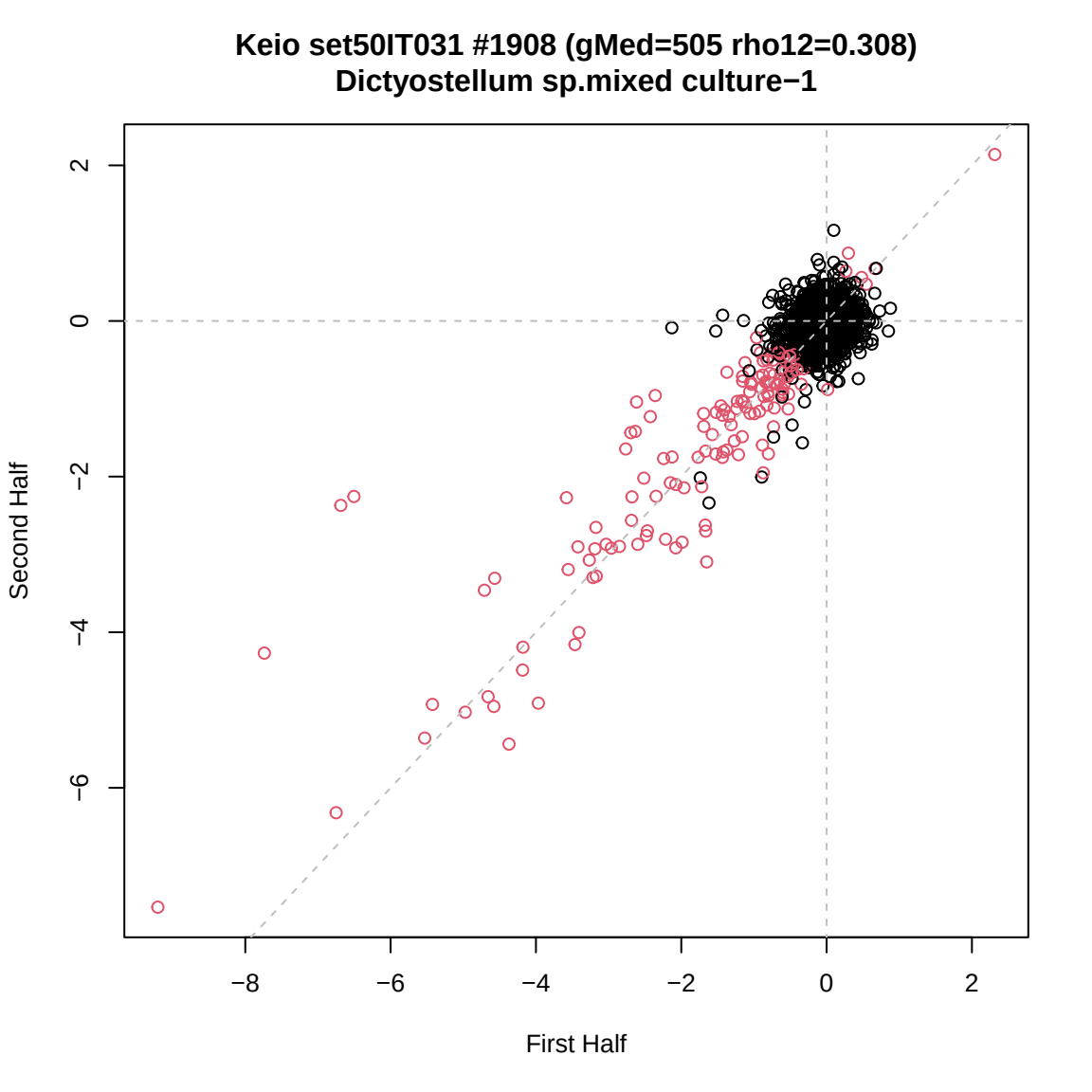

Keio set50IT026 #1903 (gMed=442 rho12=−0.032)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

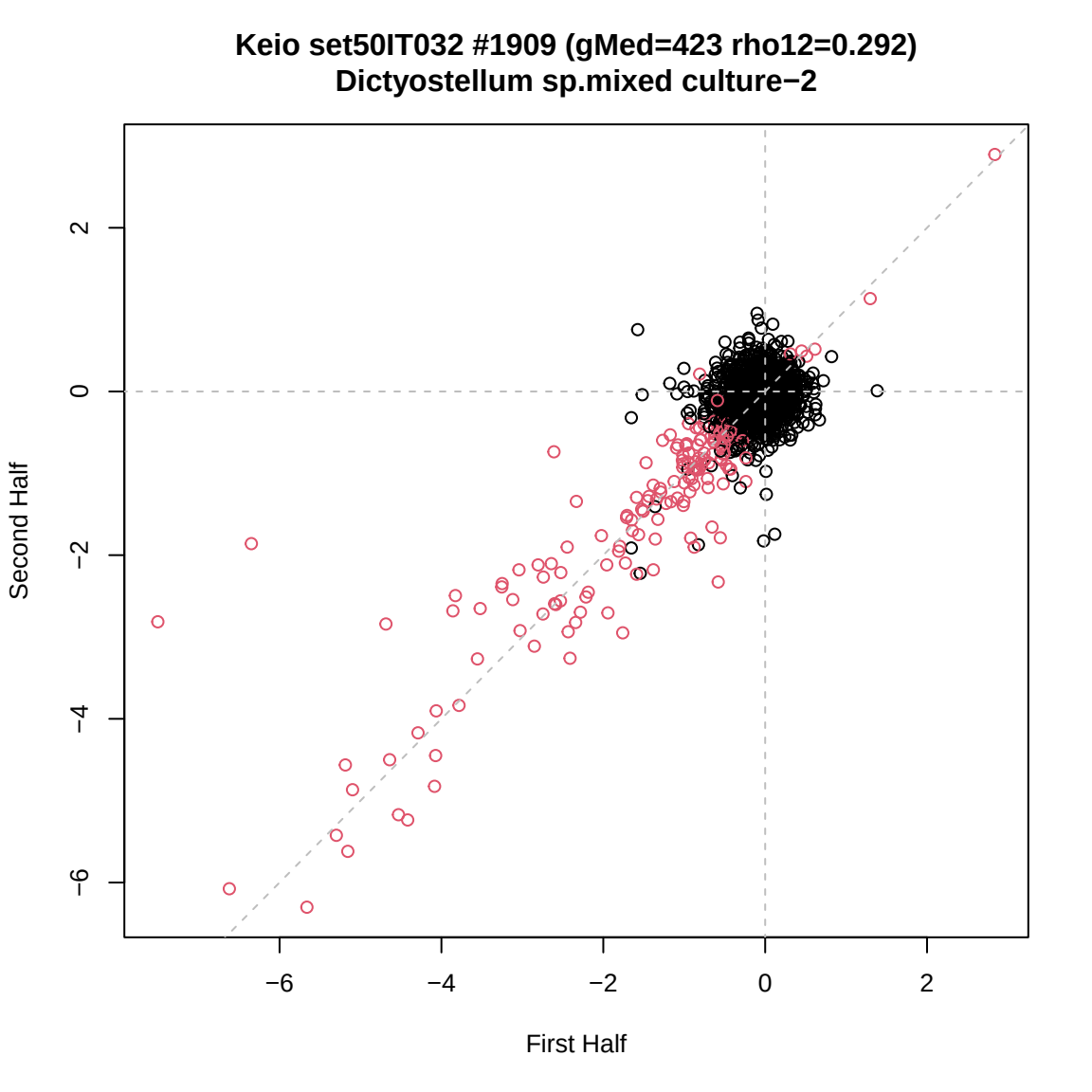

Keio set50IT027 #1904 (gMed=447 rho12=0.008)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

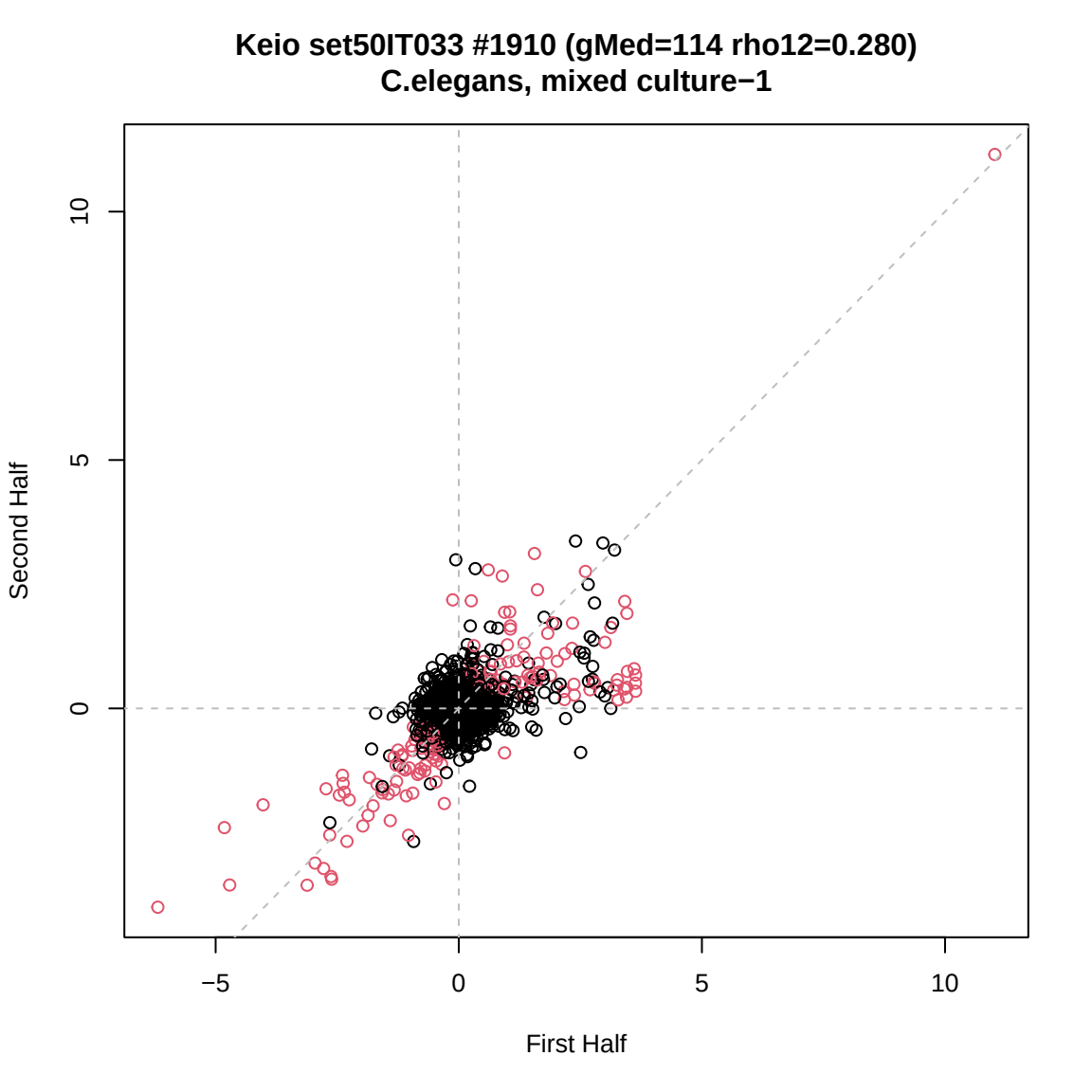

Keio set50IT028 #1905 (gMed=397 rho12=0.197)
NoPredeControl
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

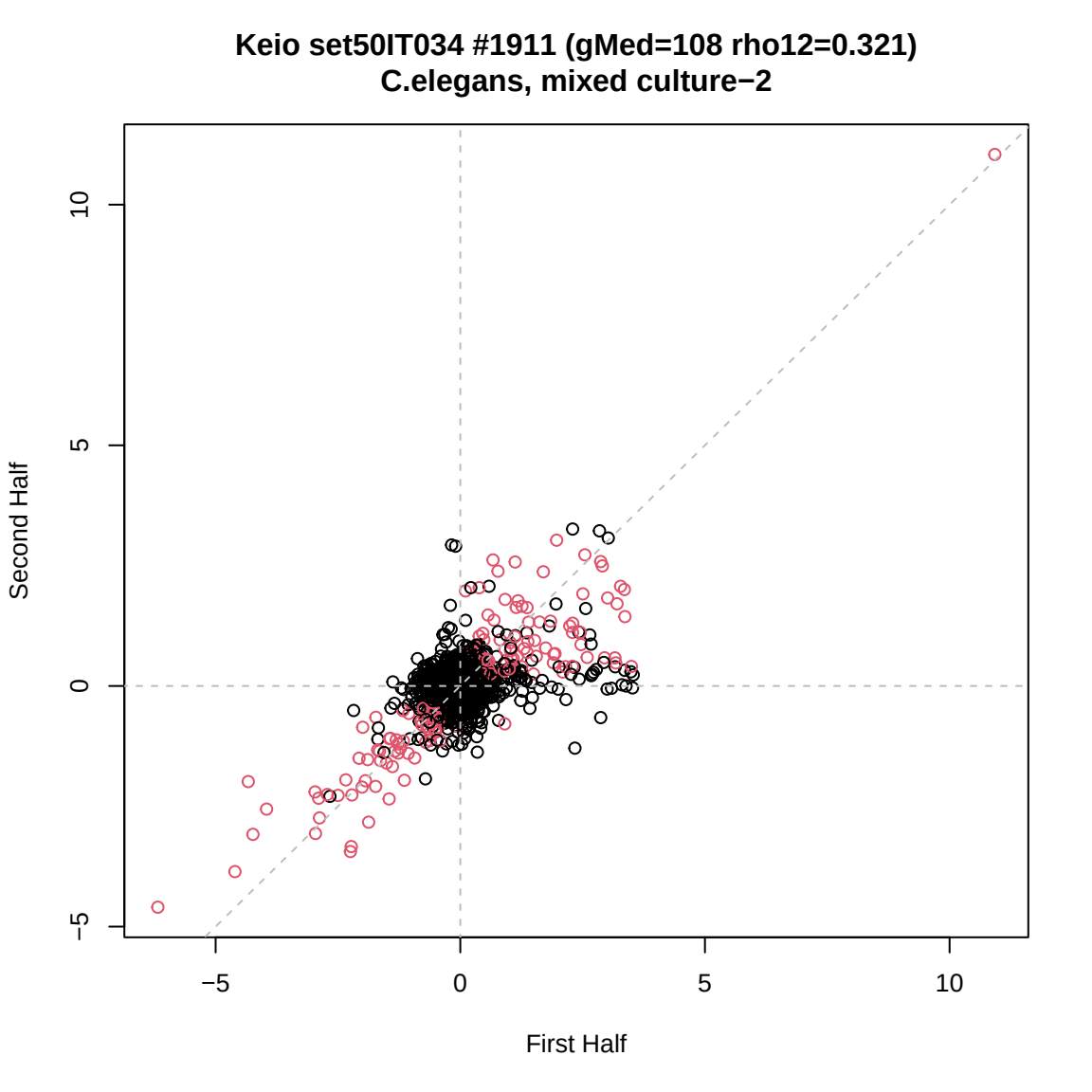

Keio set50IT029 #1906 (gMed=412 rho12=0.202)
Tetrahymena sp., Mixed culture−1
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

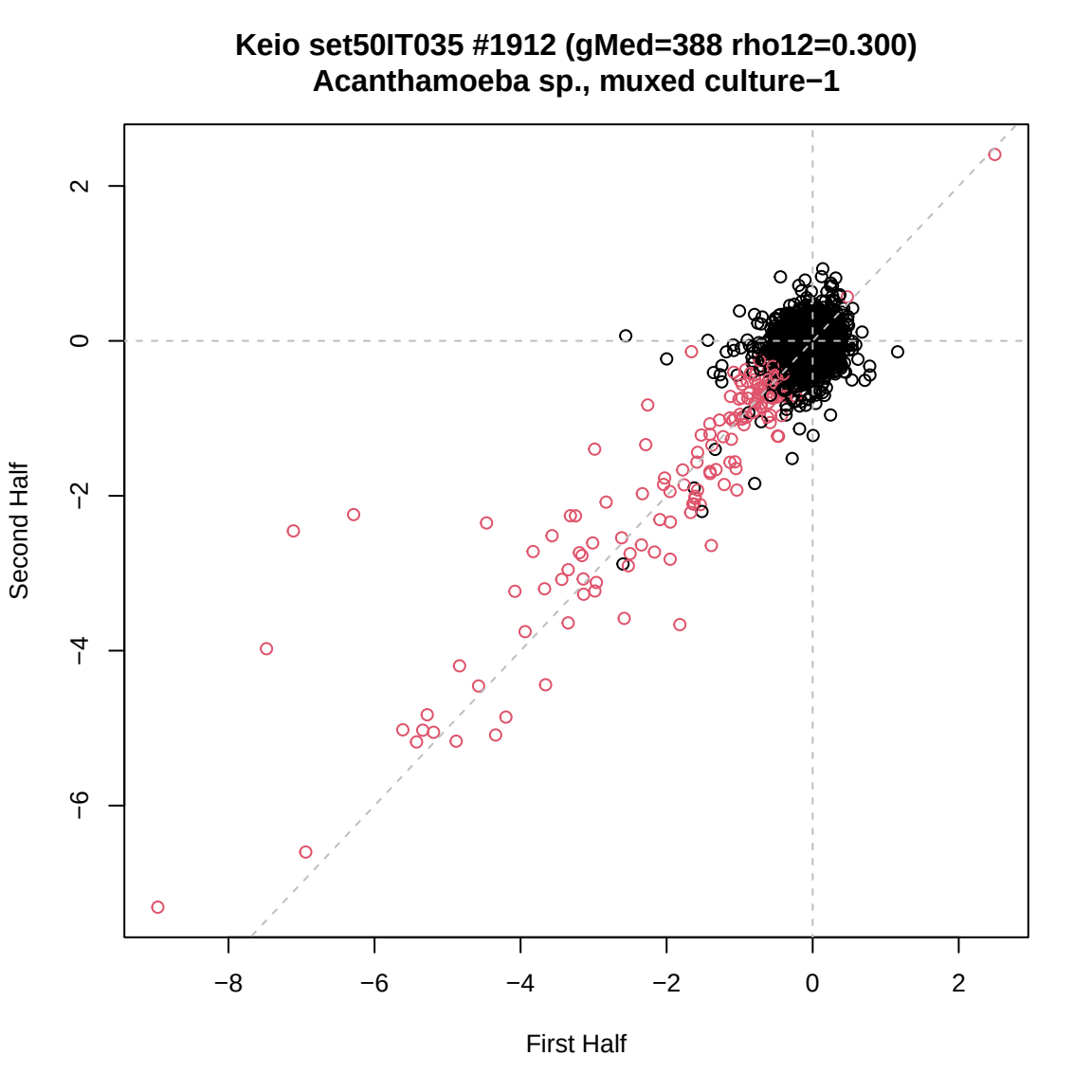

Keio set50IT030 #1907 (gMed=376 rho12=0.216)
Tetrahymena sp., Mixed culture−2
Second Half
First Half
6
4
2
0
−2
−4
−6
−5
0
5

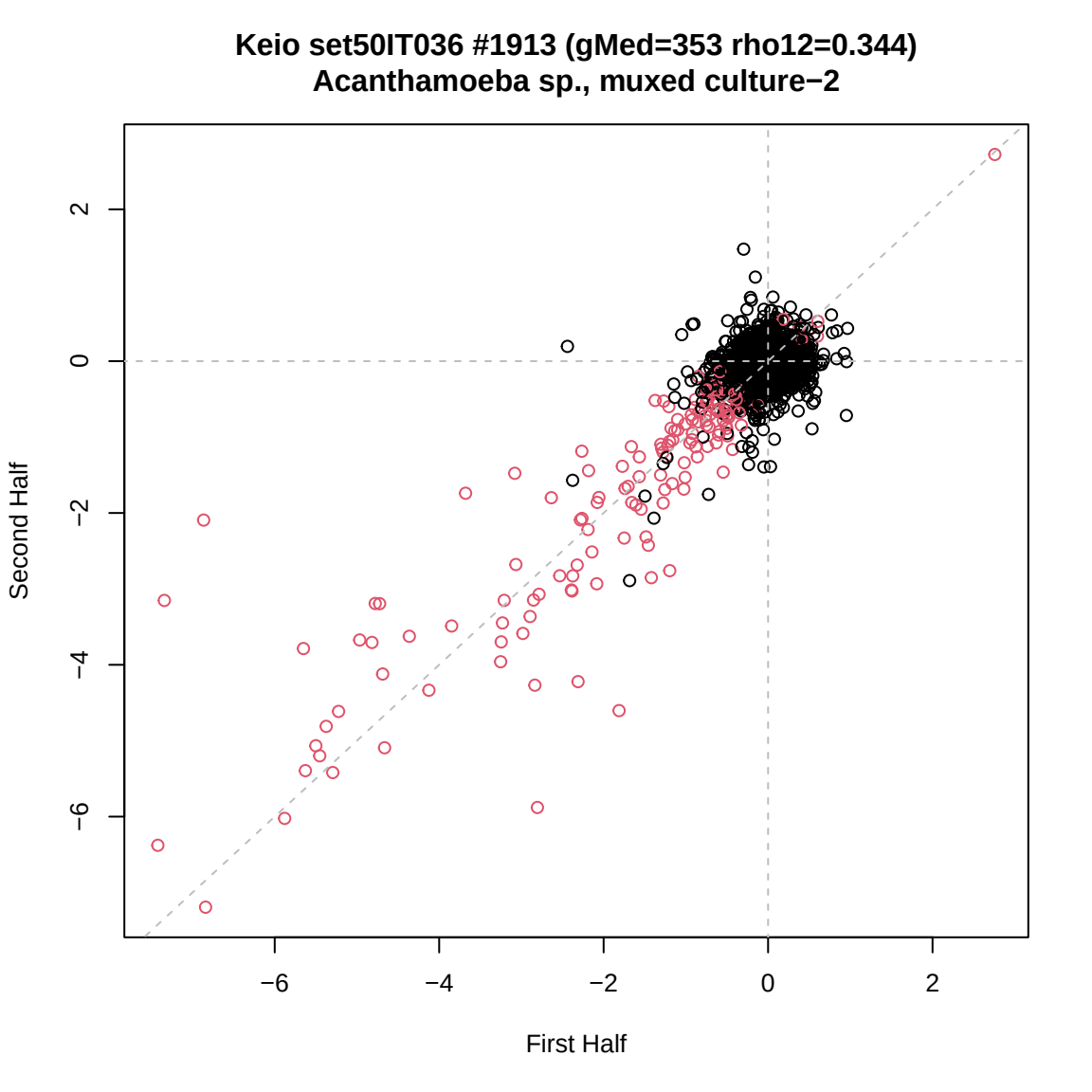

Keio set50IT031 #1908 (gMed=505 rho12=0.308)
Dictyostellum sp.mixed culture−1
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

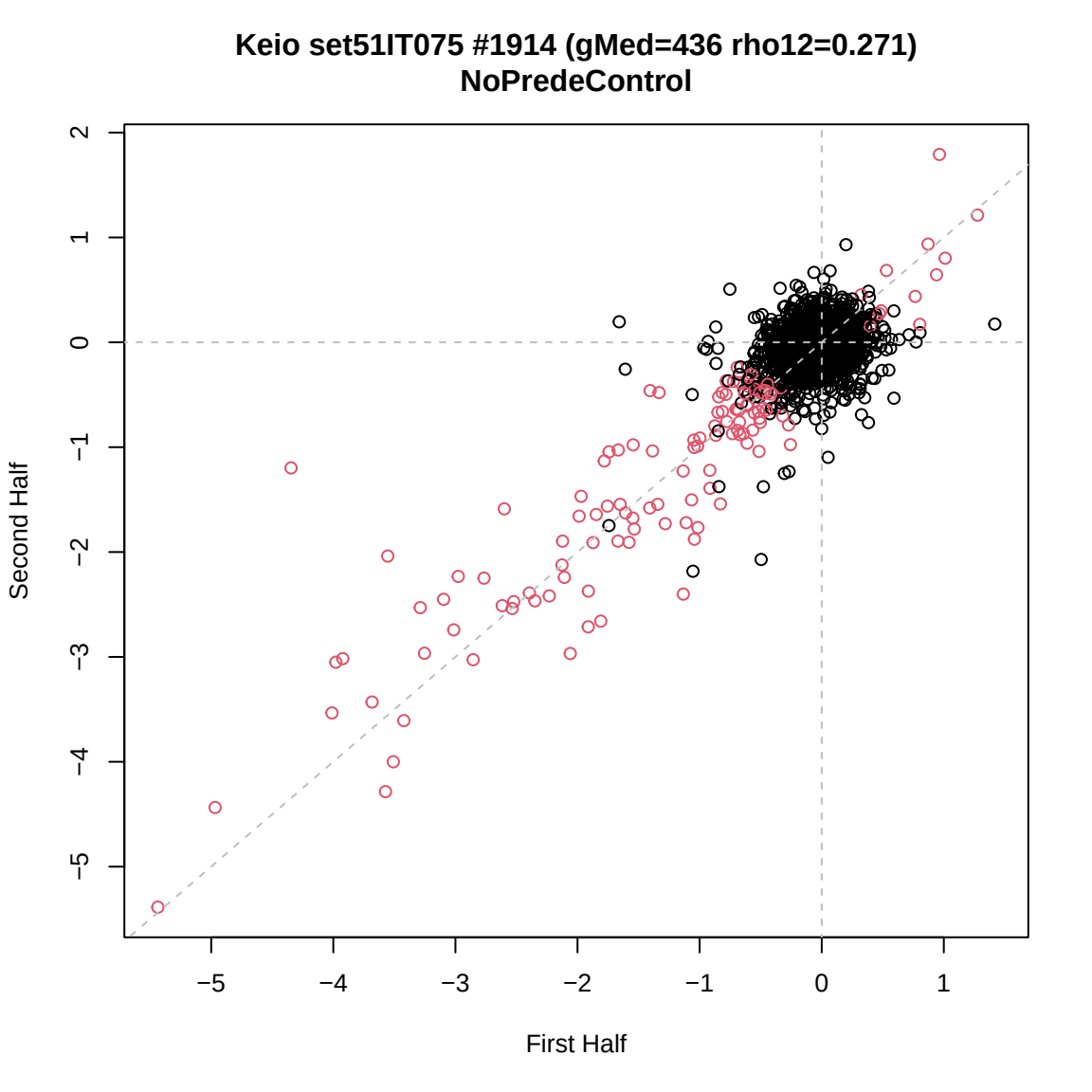

Keio set50IT032 #1909 (gMed=423 rho12=0.292)
Dictyostellum sp.mixed culture−2
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

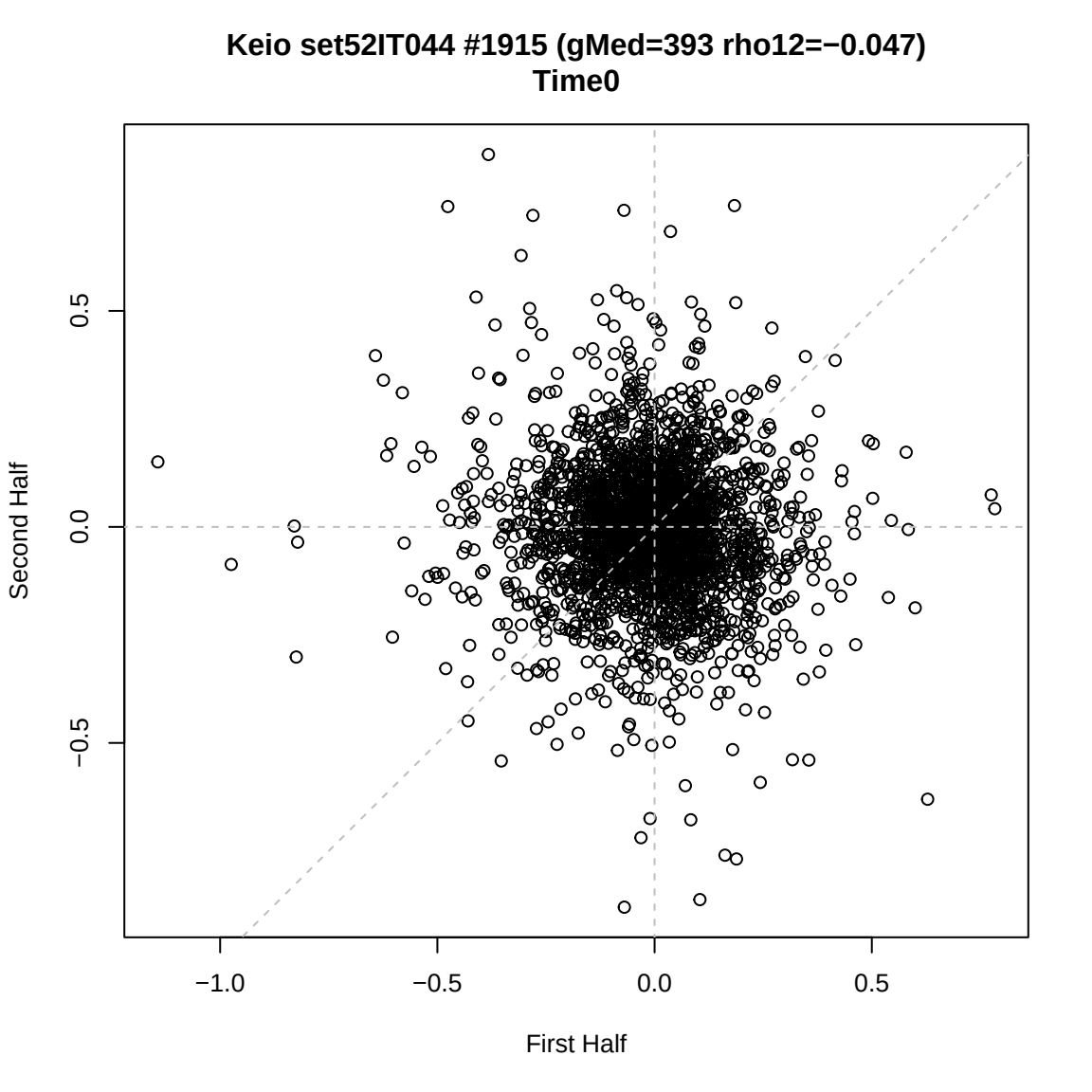

Keio set50IT033 #1910 (gMed=114 rho12=0.280)
C.elegans, mixed culture−1
Second Half
First Half
10
5
0
−5
0
5
10

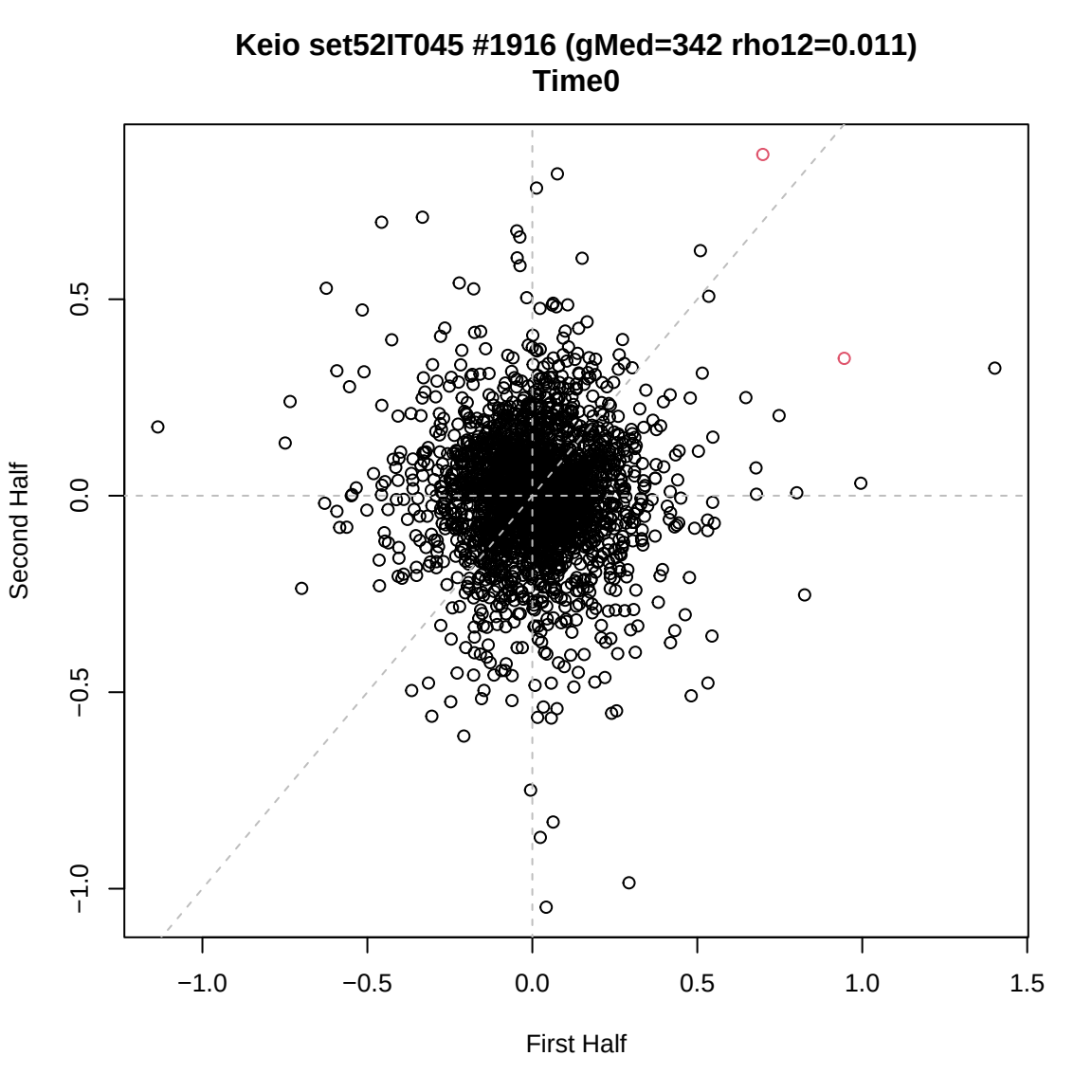

Keio set50IT034 #1911 (gMed=108 rho12=0.321)
C.elegans, mixed culture−2
Second Half
First Half
10
5
0
−5
−5
0
5
10

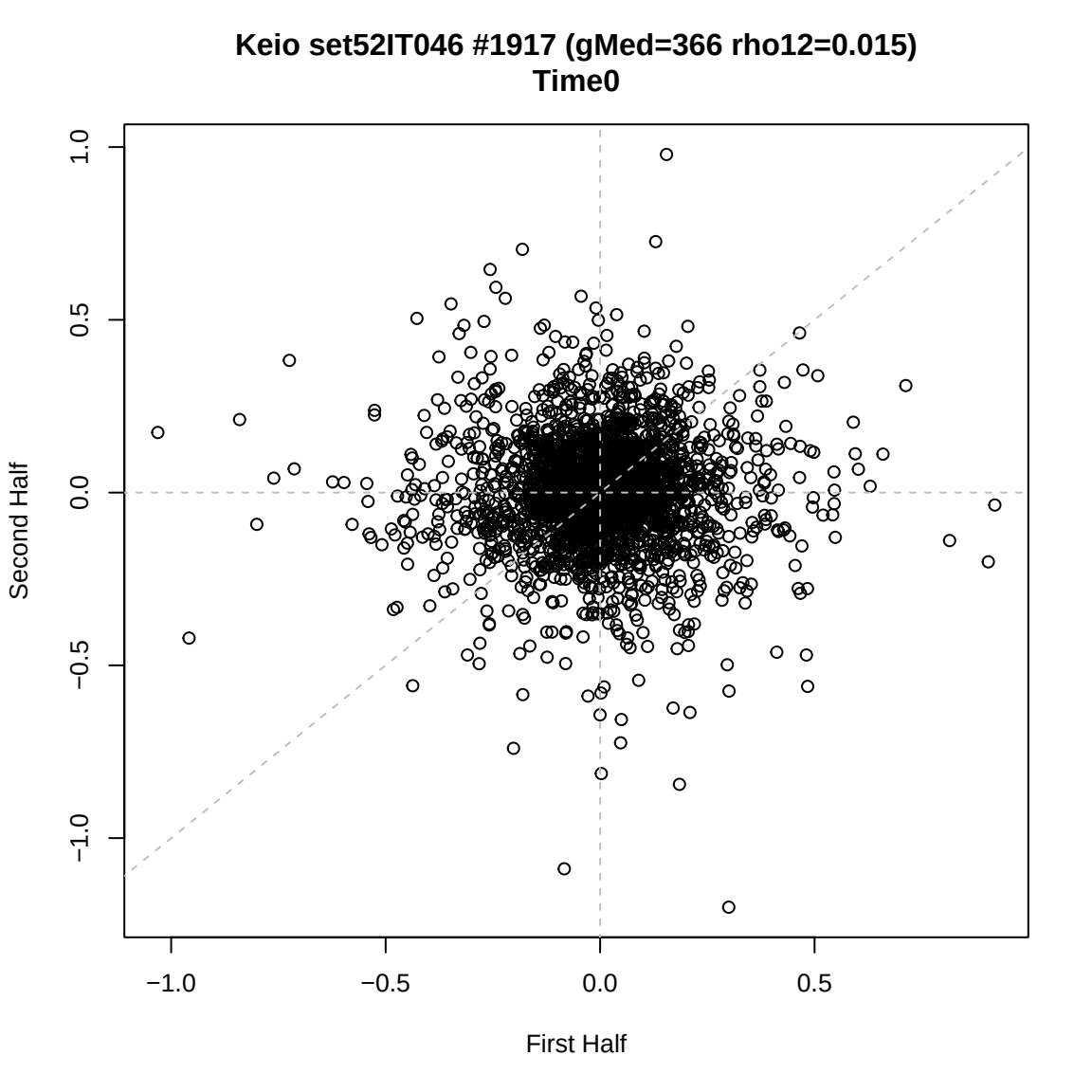

Keio set50IT035 #1912 (gMed=388 rho12=0.300)
Acanthamoeba sp., muxed culture−1
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

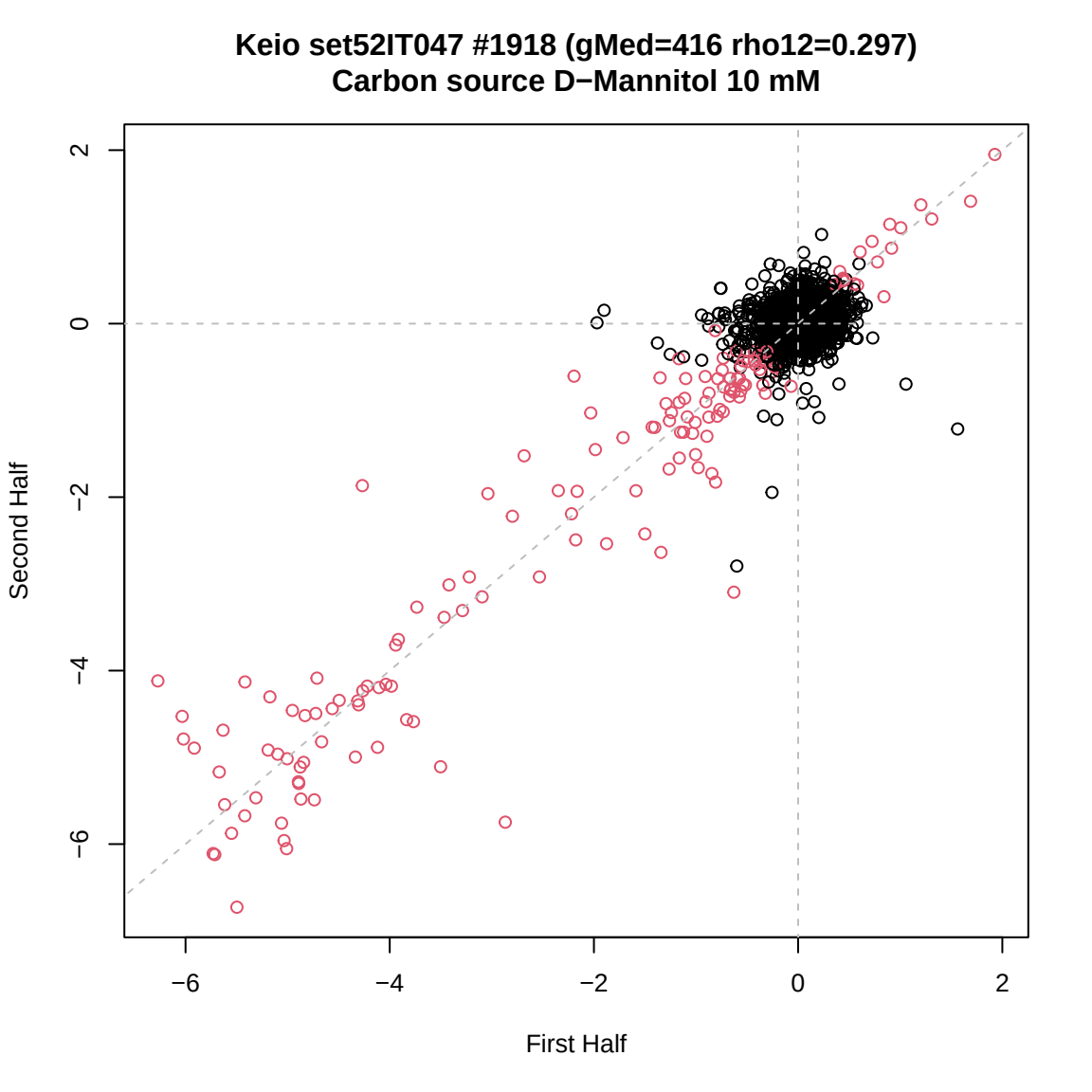

Keio set50IT036 #1913 (gMed=353 rho12=0.344)
Acanthamoeba sp., muxed culture−2
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

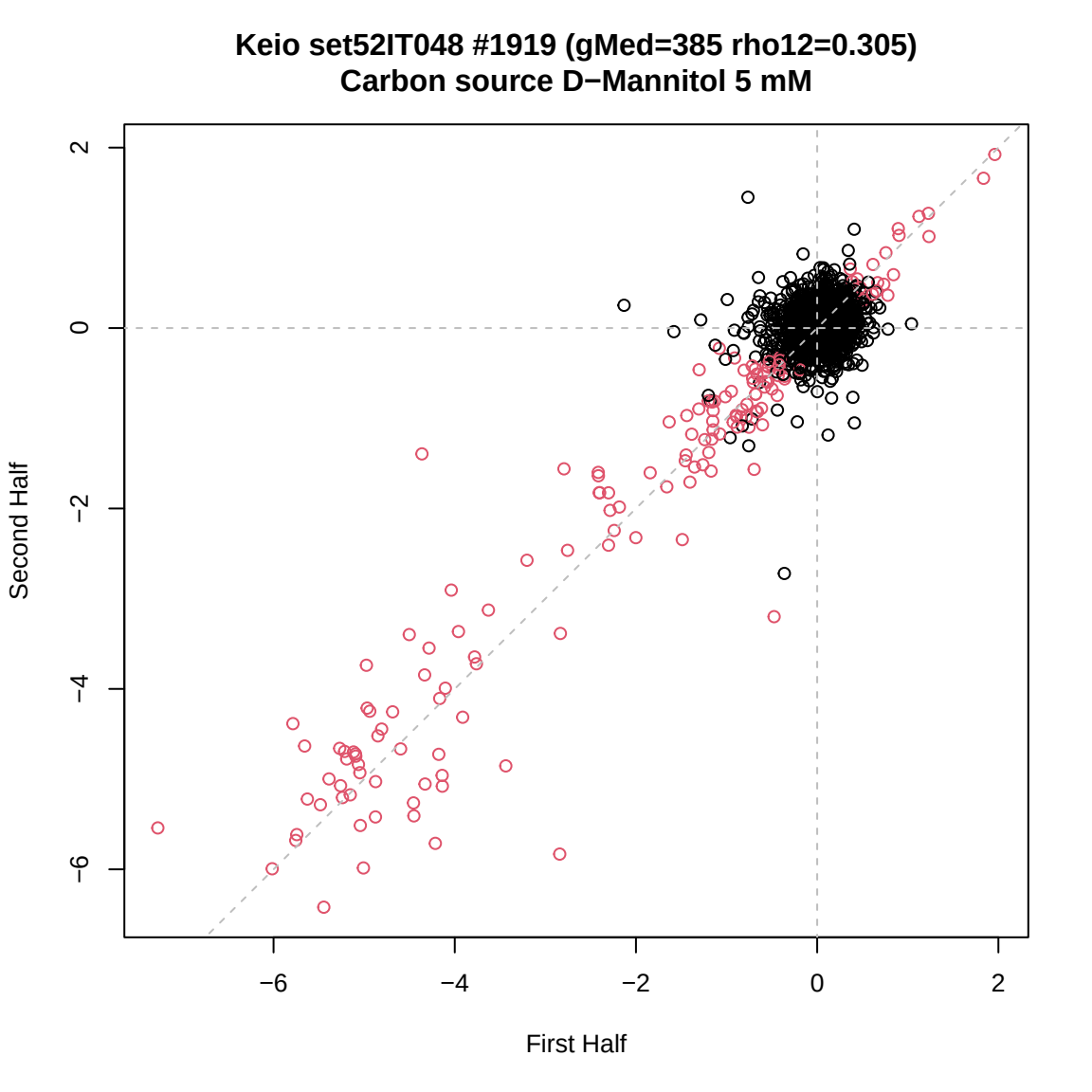

Keio set51IT075 #1914 (gMed=436 rho12=0.271)
NoPredeControl
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

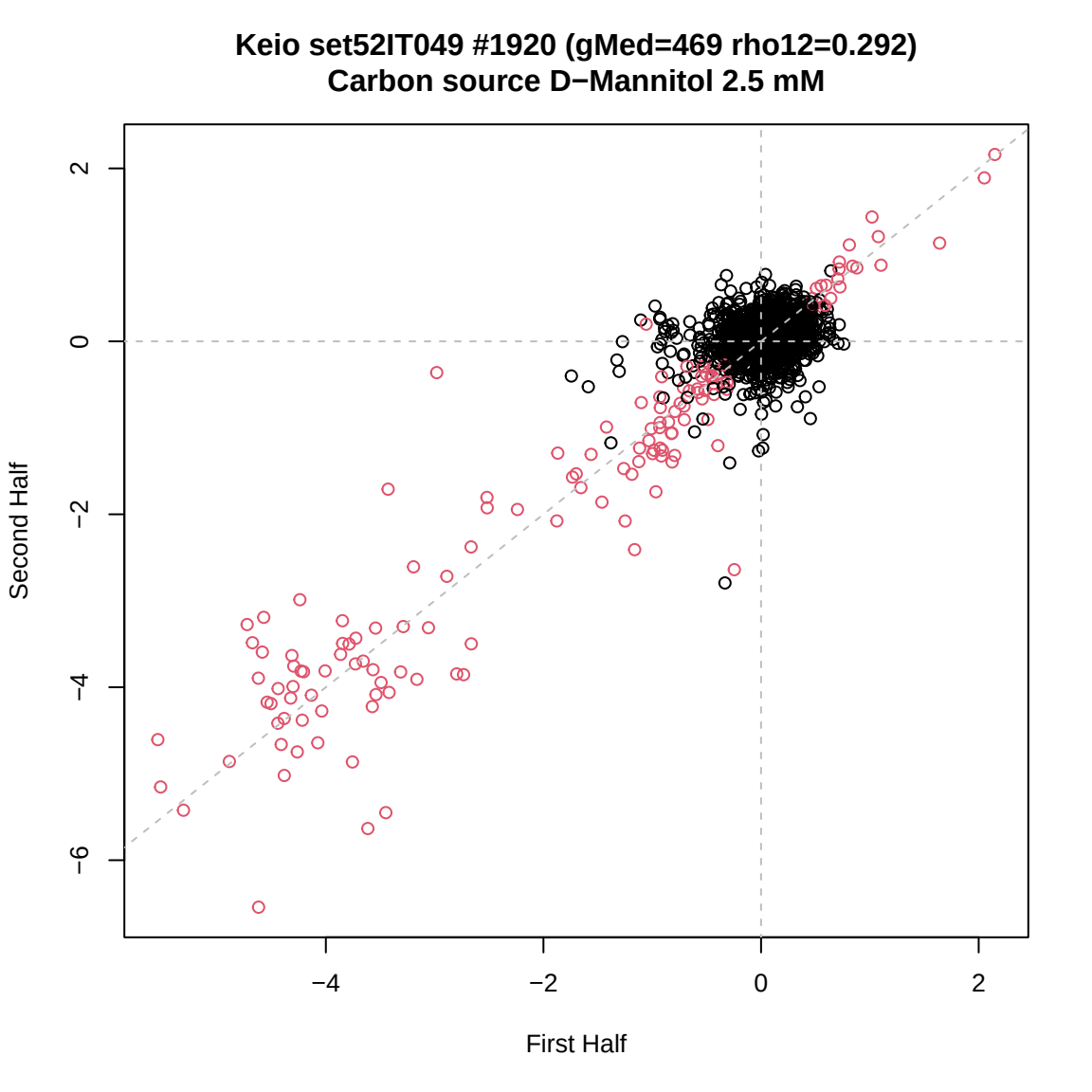

Keio set52IT044 #1915 (gMed=393 rho12=−0.047)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

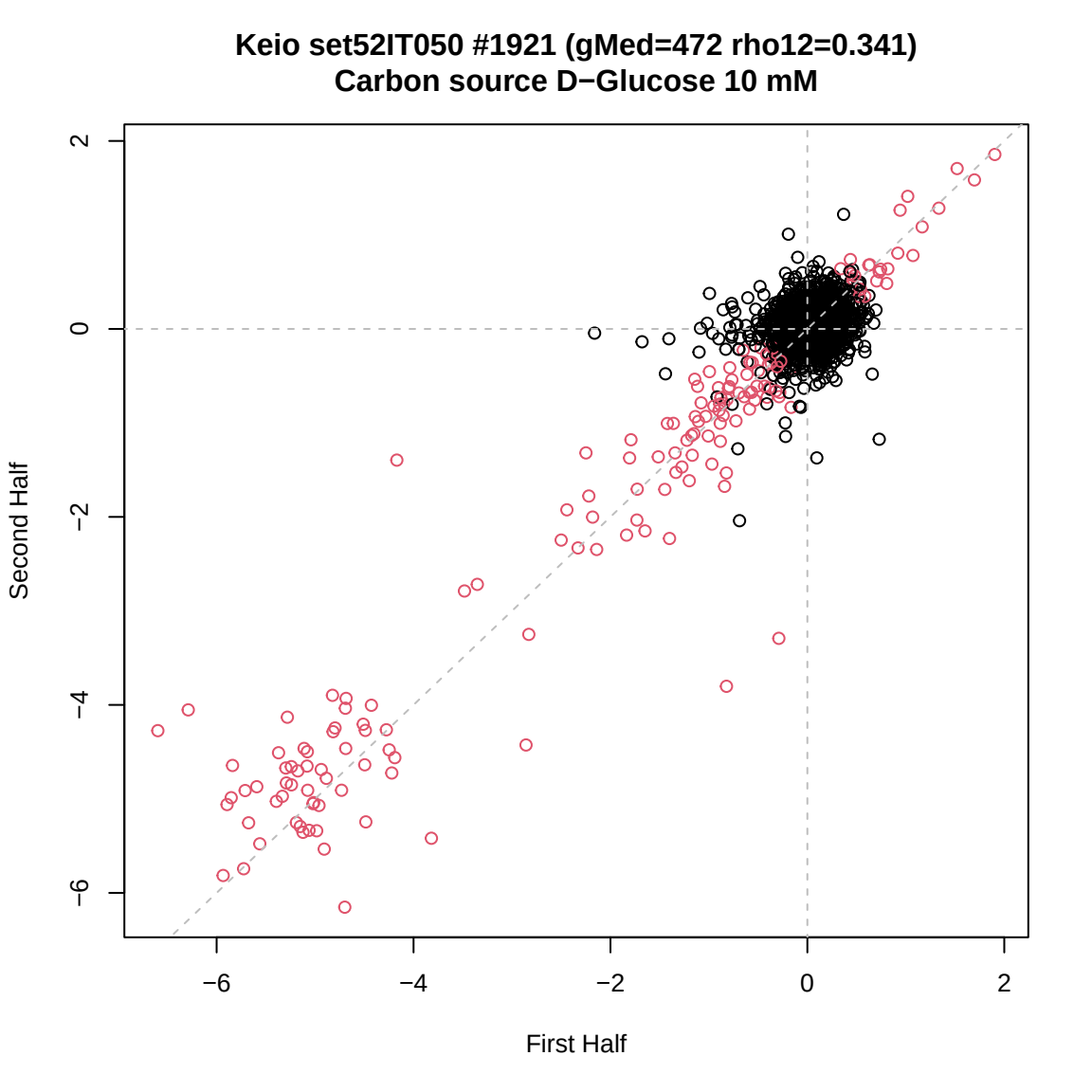

Keio set52IT045 #1916 (gMed=342 rho12=0.011)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

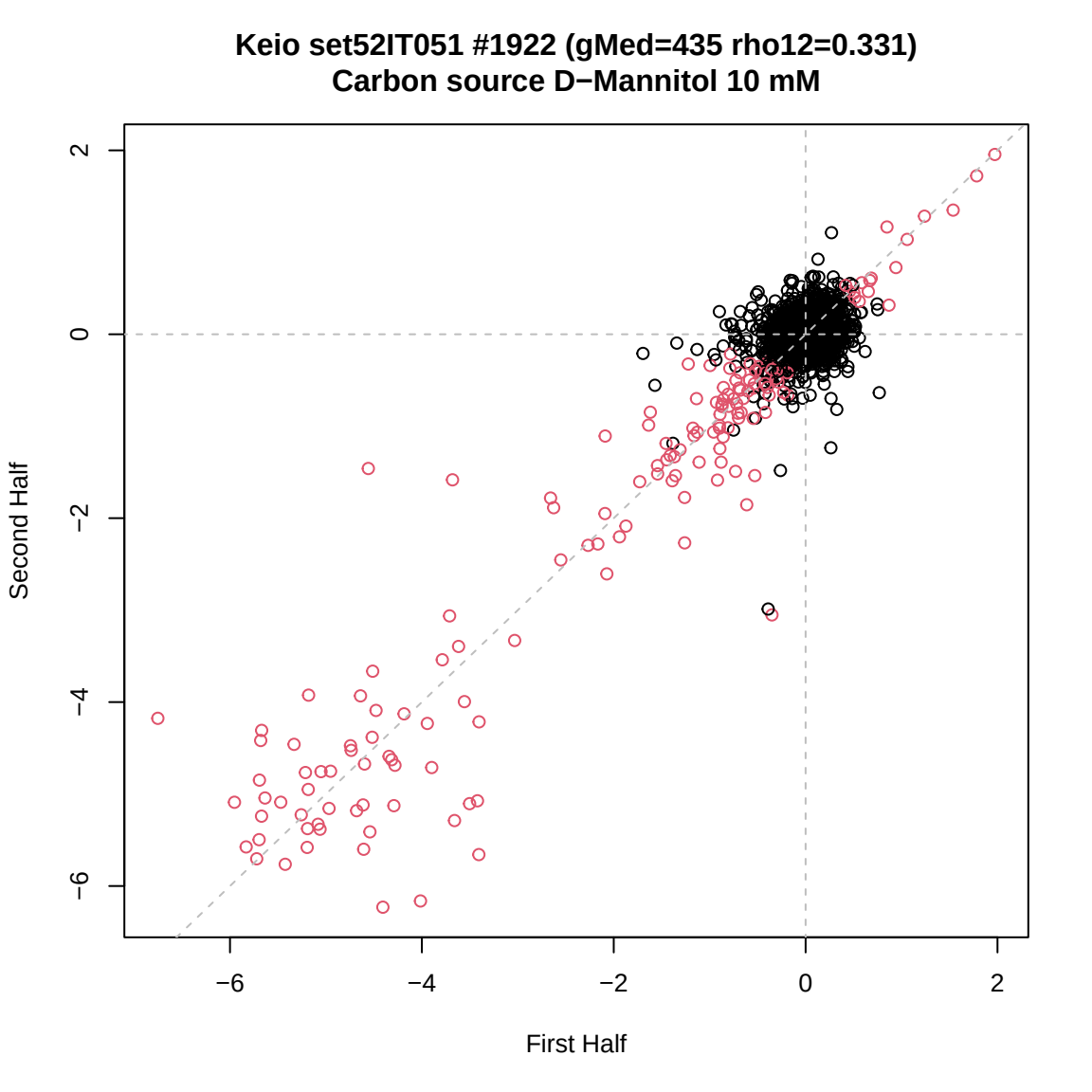

Keio set52IT046 #1917 (gMed=366 rho12=0.015)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

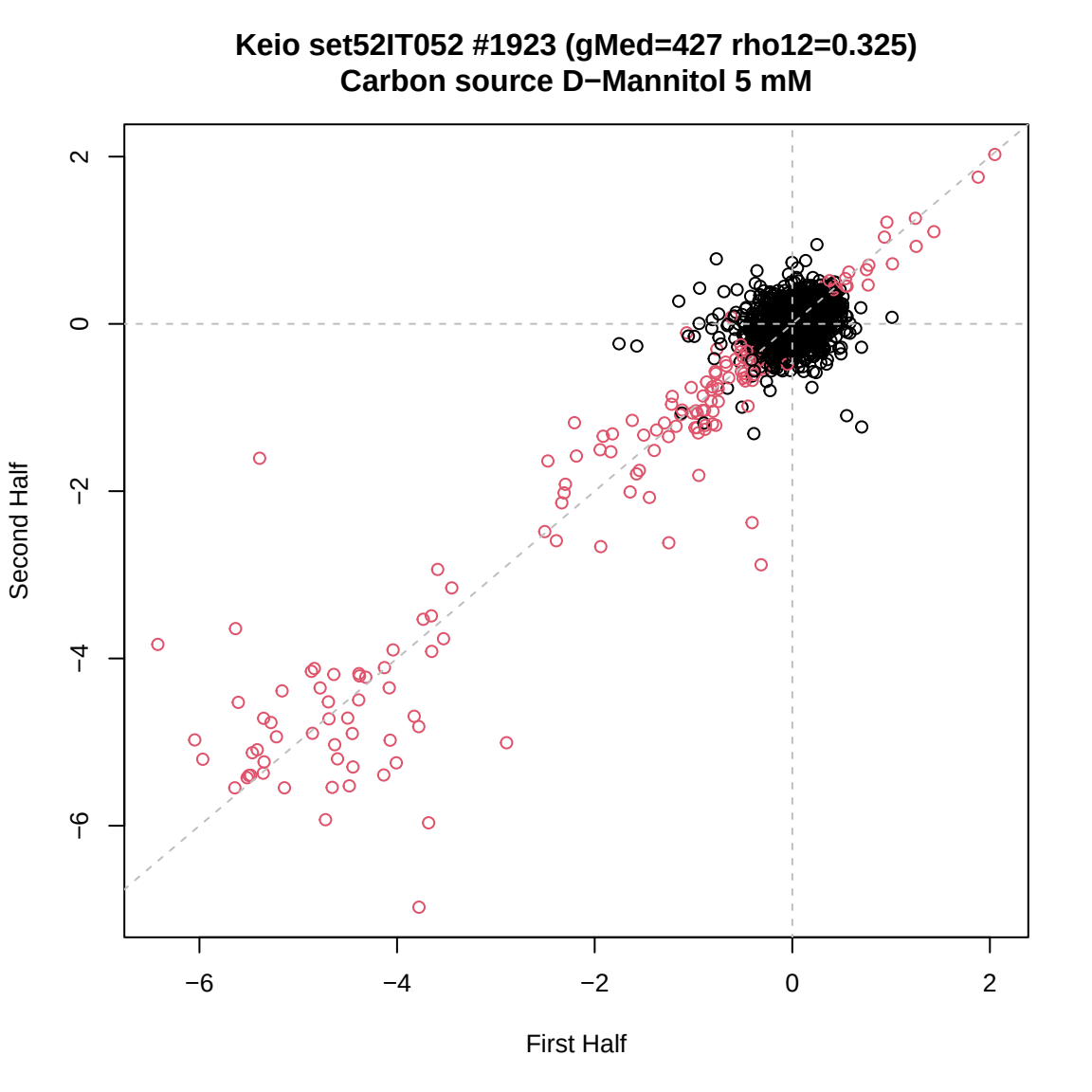

Keio set52IT047 #1918 (gMed=416 rho12=0.297)
Carbon source D−Mannitol 10 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

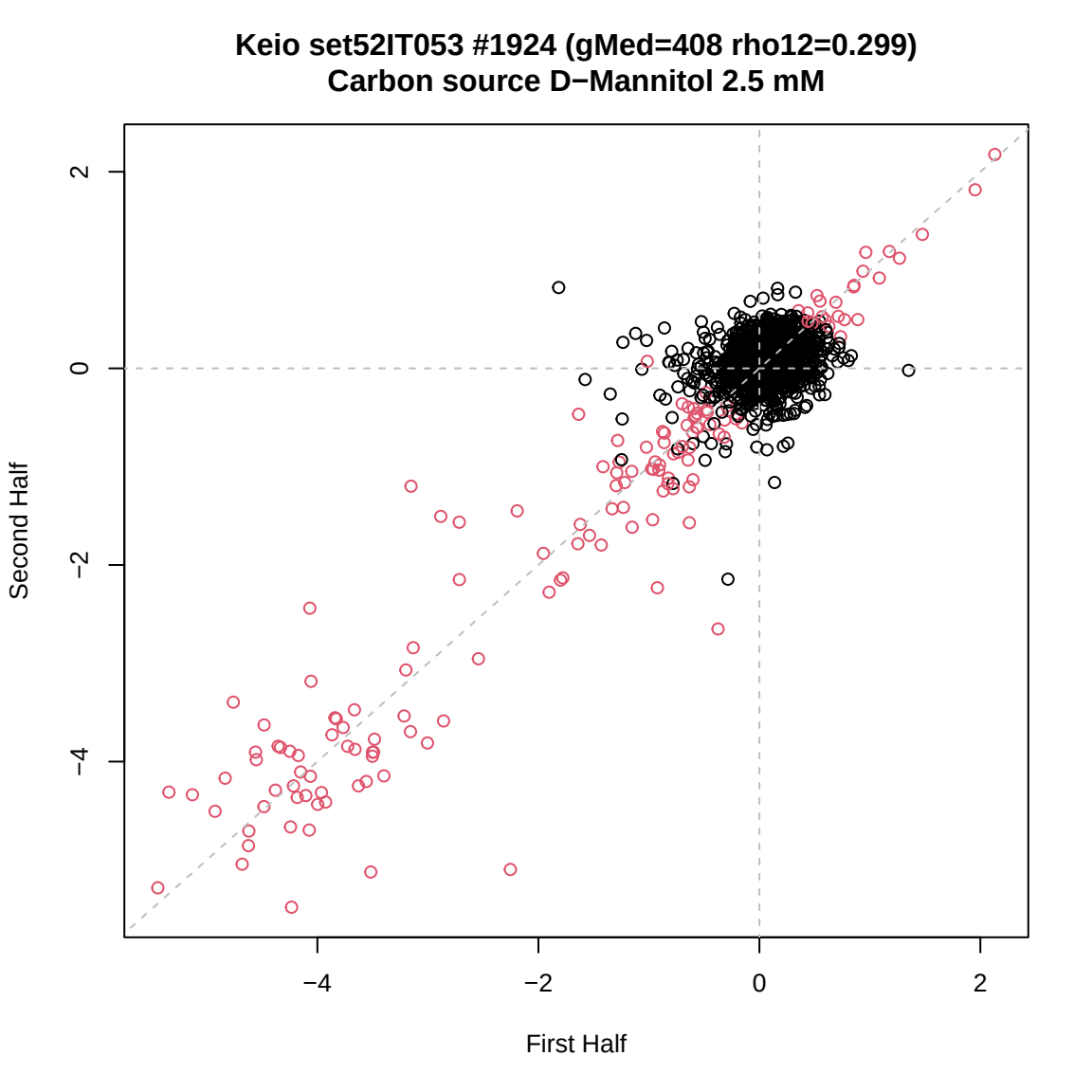

Keio set52IT048 #1919 (gMed=385 rho12=0.305)
Carbon source D−Mannitol 5 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

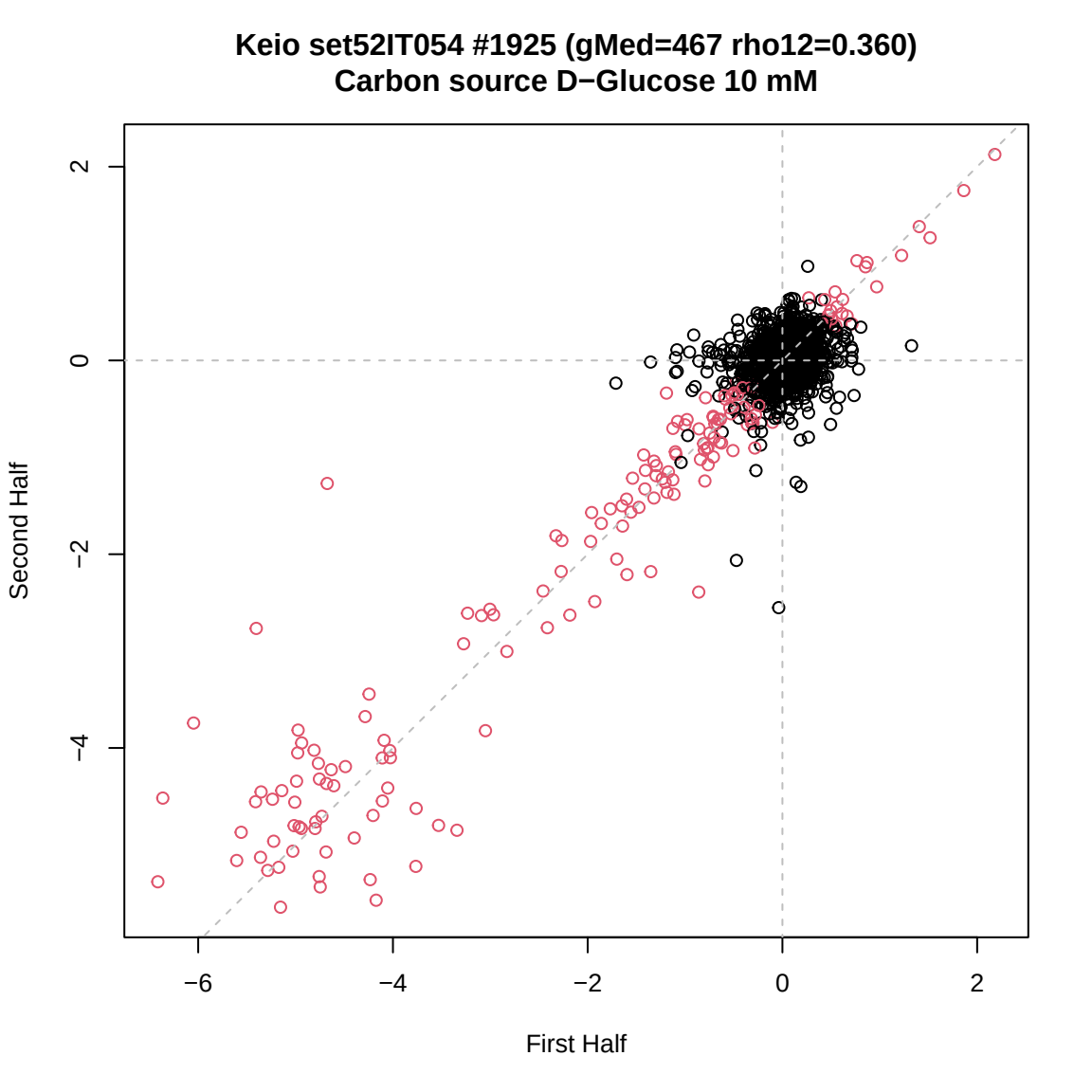

Keio set52IT049 #1920 (gMed=469 rho12=0.292)
Carbon source D−Mannitol 2.5 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

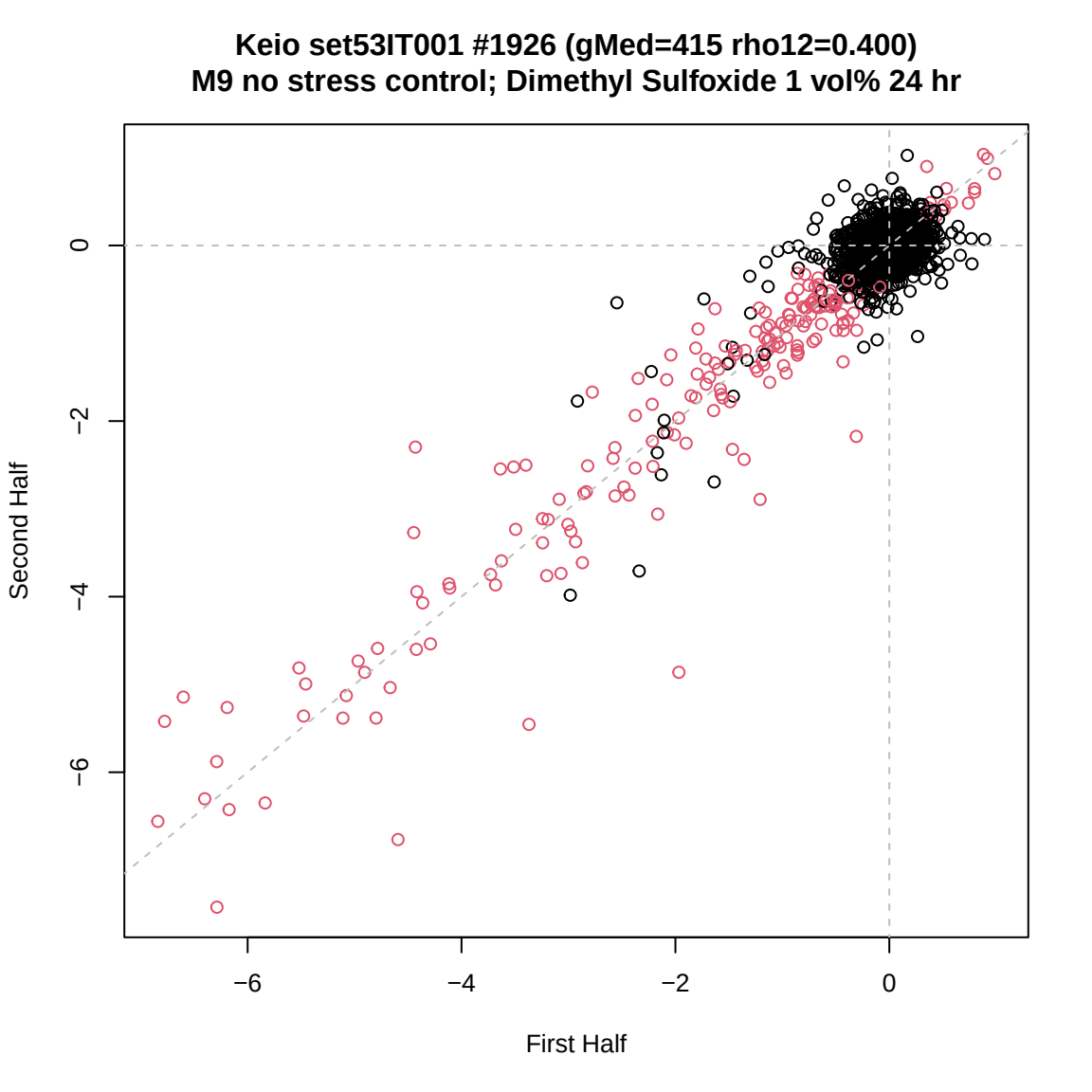

Keio set52IT050 #1921 (gMed=472 rho12=0.341)
Carbon source D−Glucose 10 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

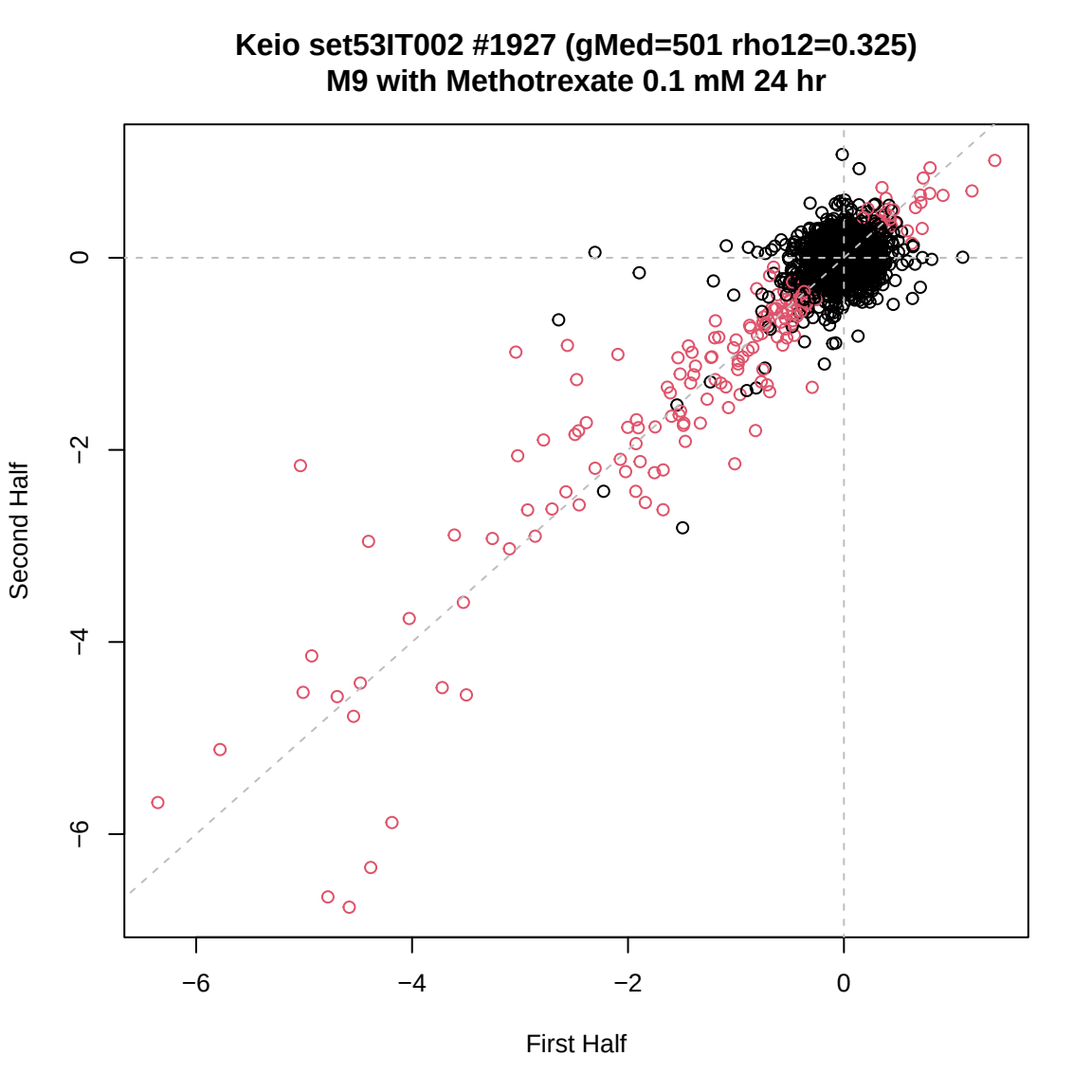

Keio set52IT051 #1922 (gMed=435 rho12=0.331)
Carbon source D−Mannitol 10 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

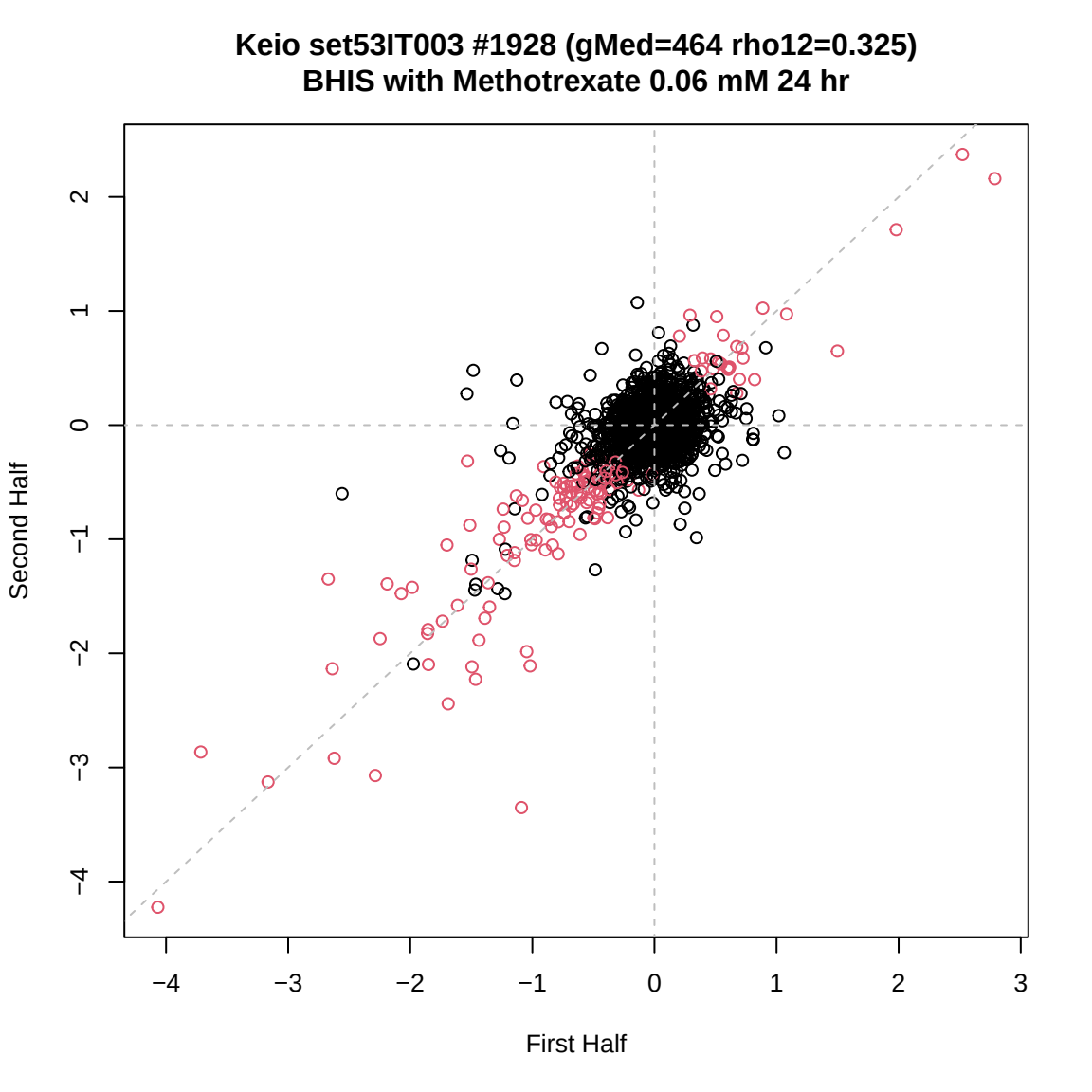

Keio set52IT052 #1923 (gMed=427 rho12=0.325)
Carbon source D−Mannitol 5 mM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

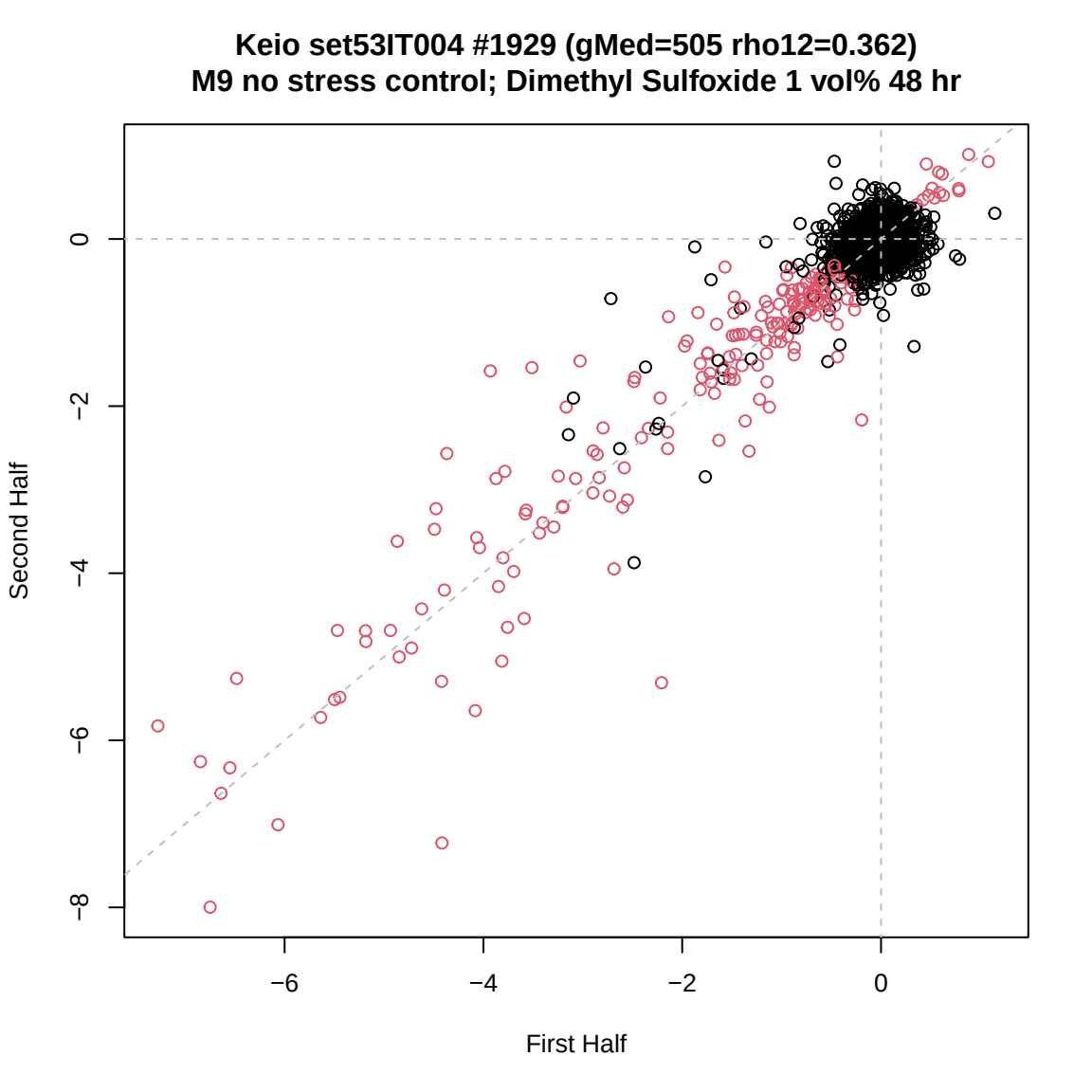

Keio set52IT053 #1924 (gMed=408 rho12=0.299)
Carbon source D−Mannitol 2.5 mM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

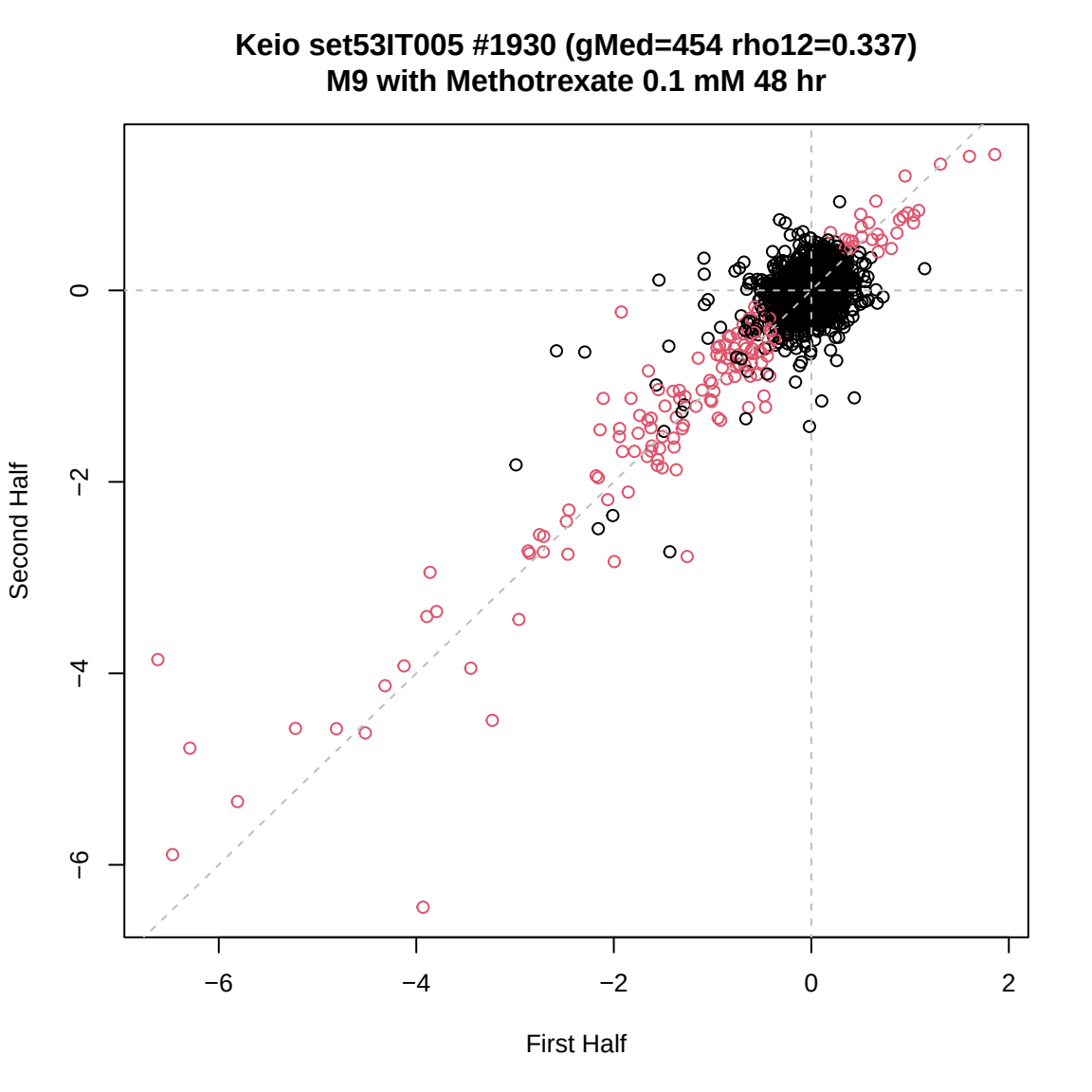

Keio set52IT054 #1925 (gMed=467 rho12=0.360)
Carbon source D−Glucose 10 mM
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

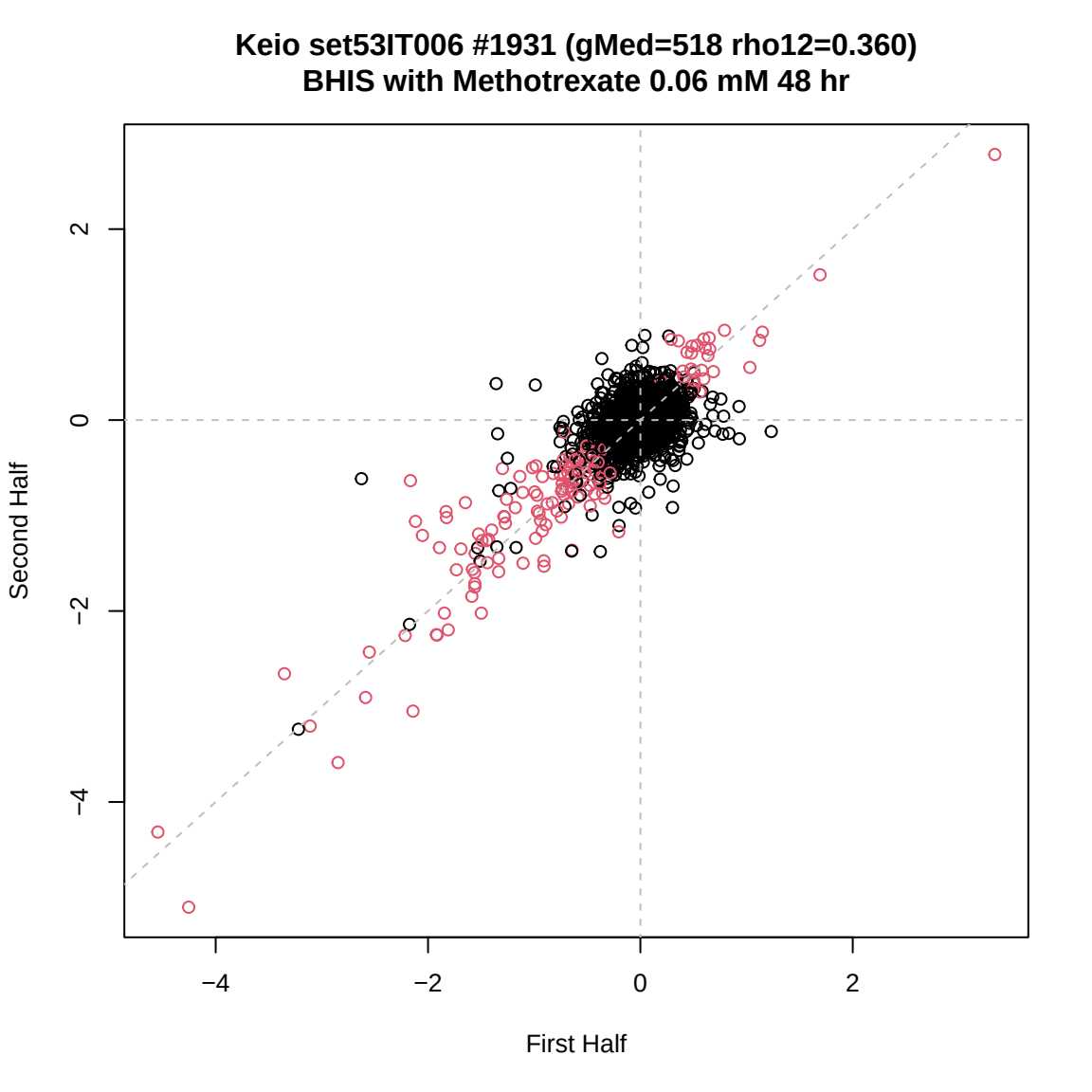

Keio set53IT001 #1926 (gMed=415 rho12=0.400)
M9 no stress control; Dimethyl Sulfoxide 1 vol% 24 hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

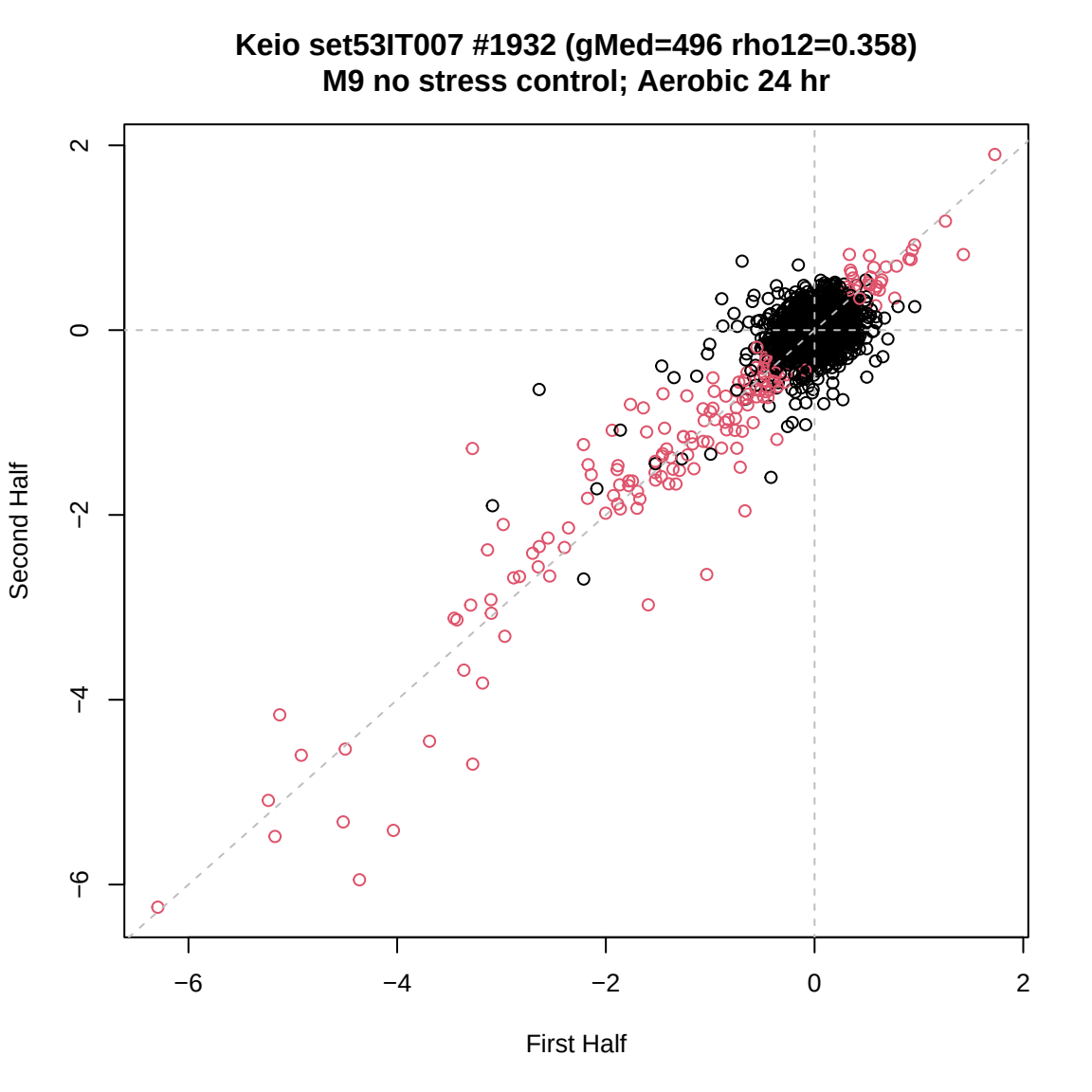

Keio set53IT002 #1927 (gMed=501 rho12=0.325)
M9 with Methotrexate 0.1 mM 24 hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

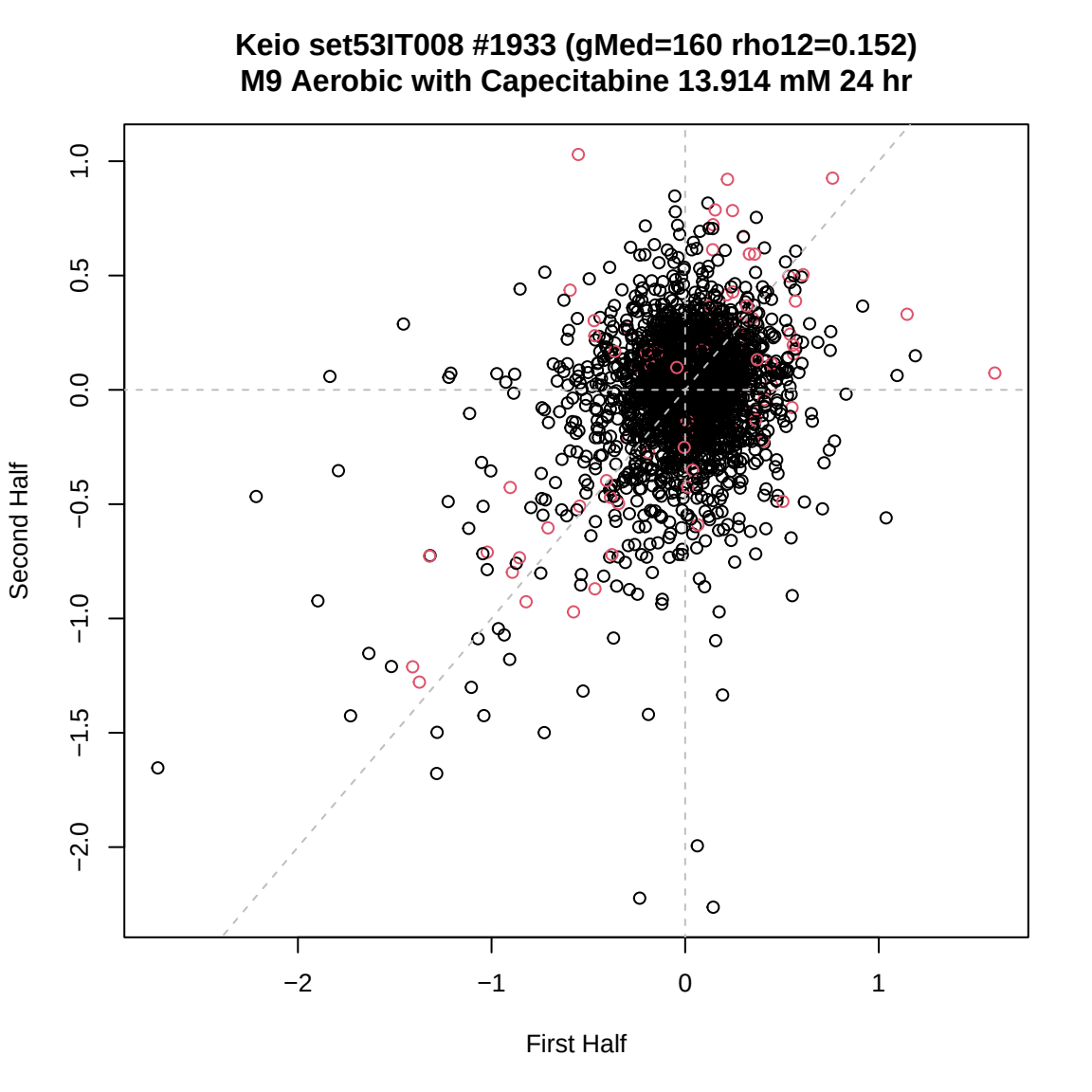

Keio set53IT003 #1928 (gMed=464 rho12=0.325)
BHIS with Methotrexate 0.06 mM 24 hr
Second Half
First Half
−4
−3
−2
−1
0
1
2
3

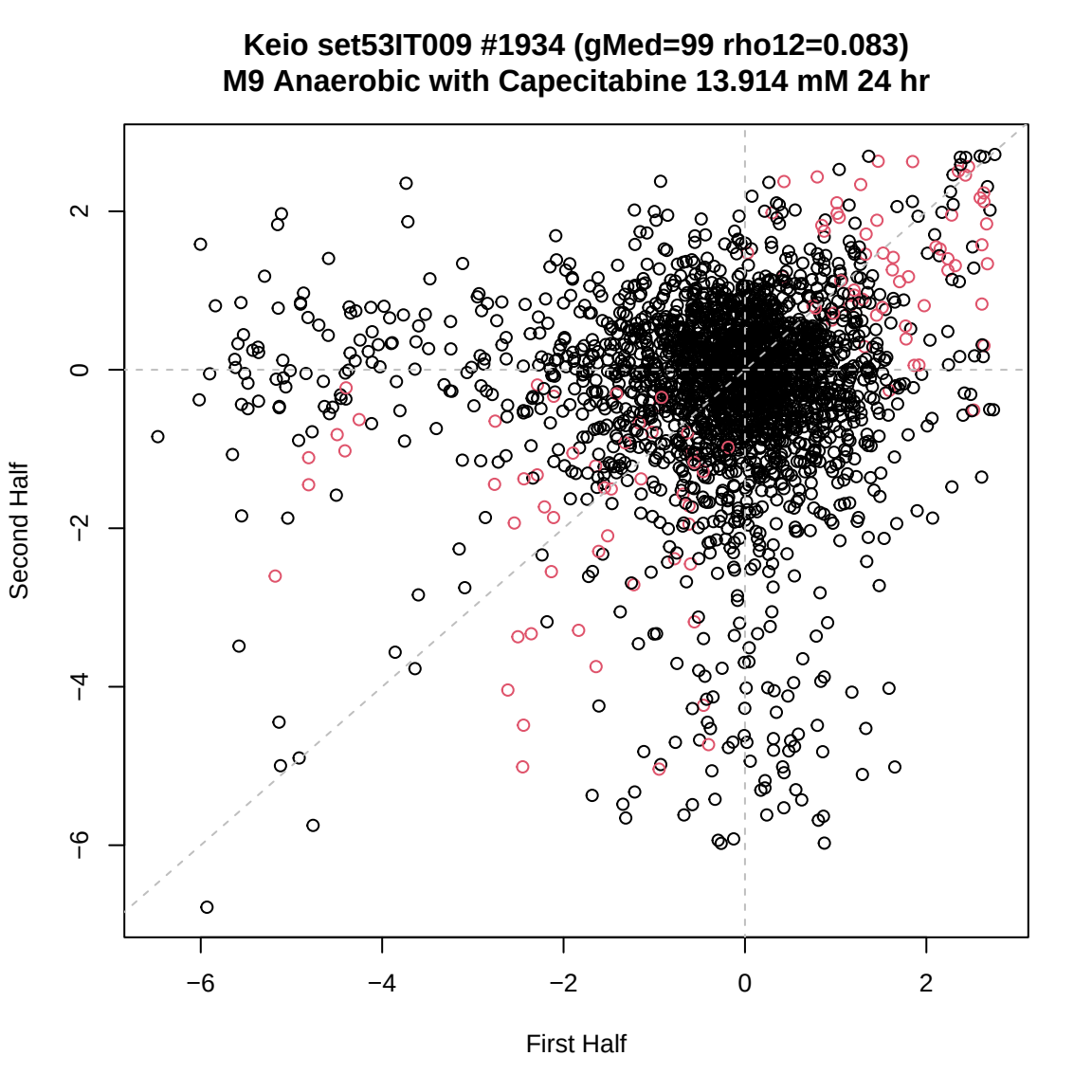

Keio set53IT004 #1929 (gMed=505 rho12=0.362)
M9 no stress control; Dimethyl Sulfoxide 1 vol% 48 hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

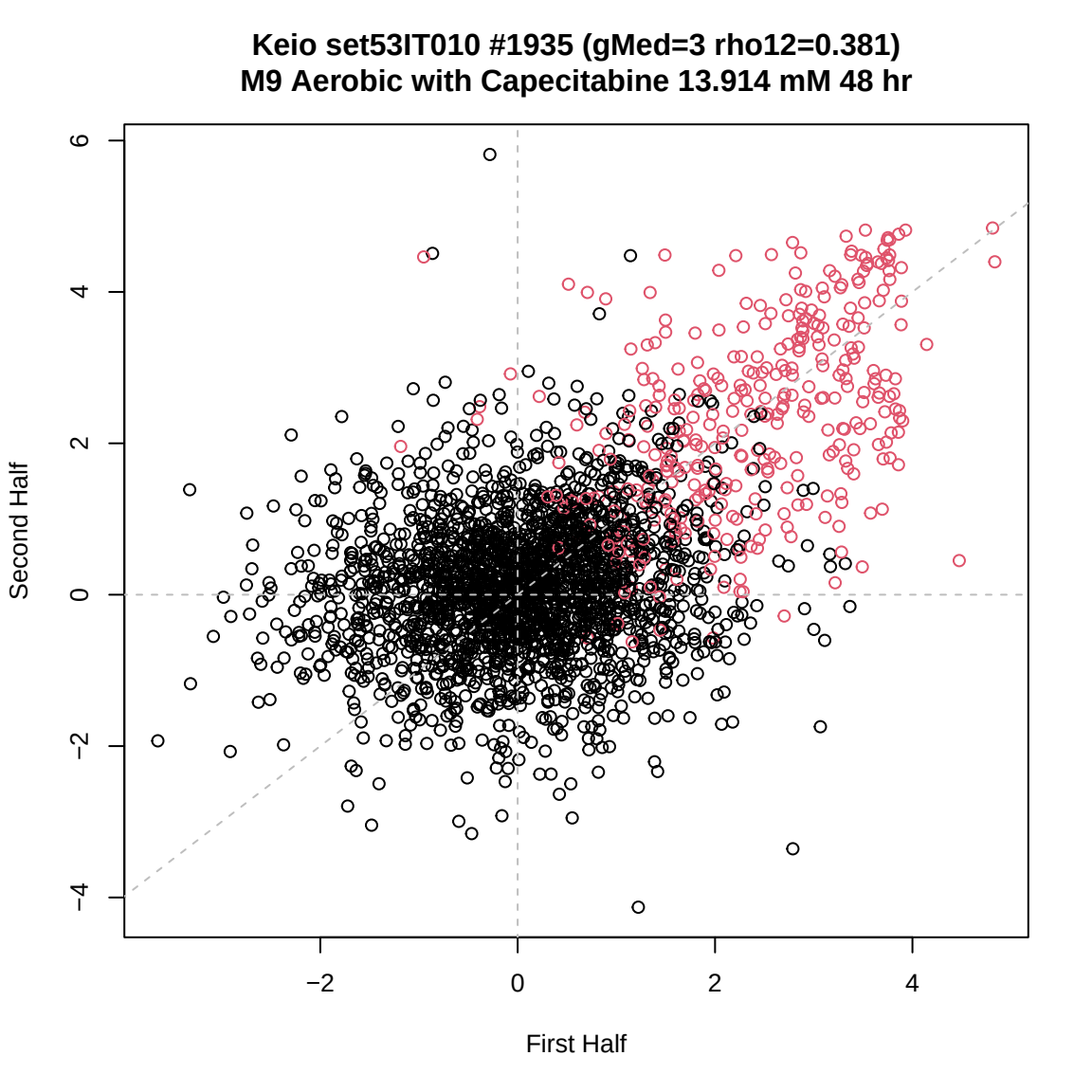

Keio set53IT005 #1930 (gMed=454 rho12=0.337)
M9 with Methotrexate 0.1 mM 48 hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0
2

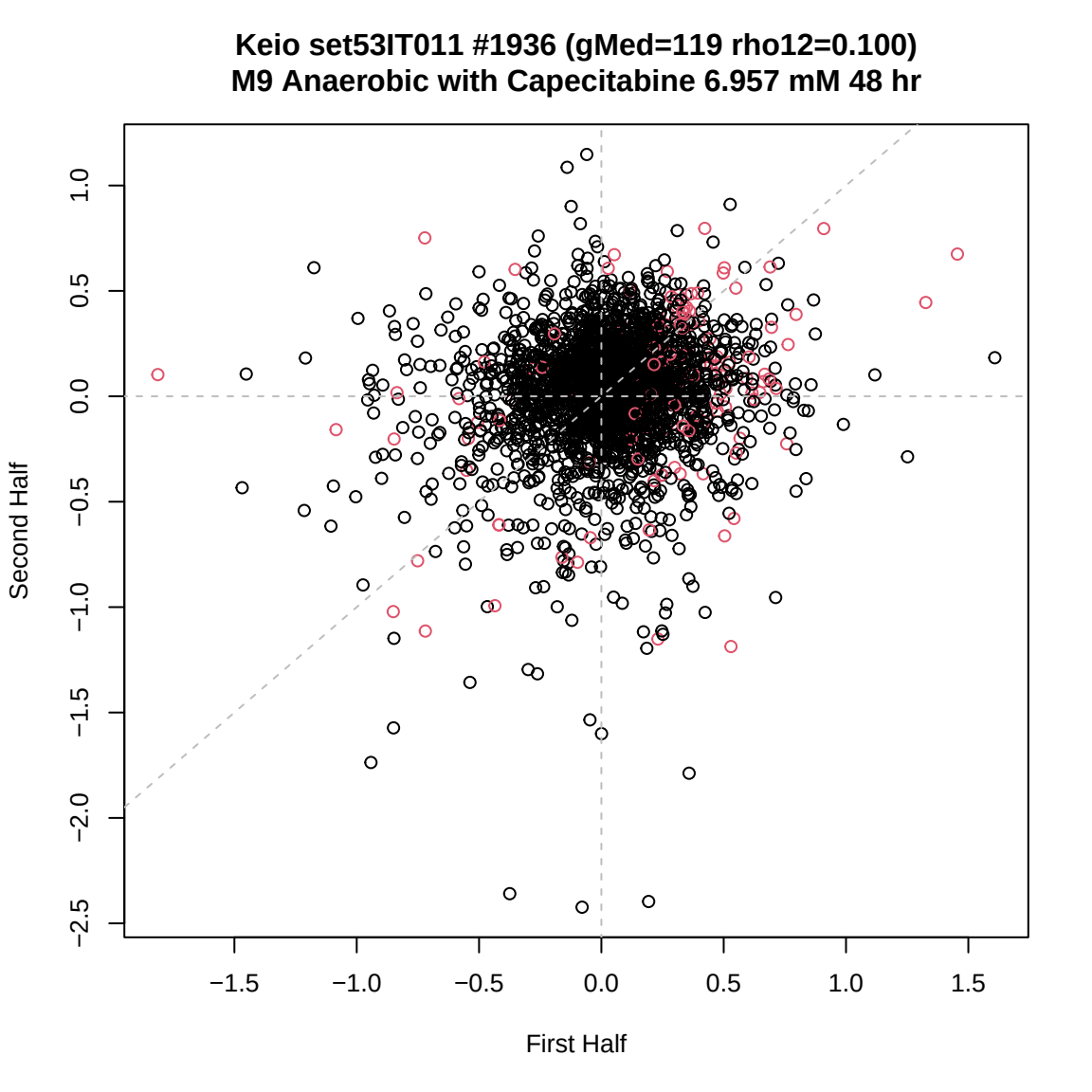

Keio set53IT006 #1931 (gMed=518 rho12=0.360)
BHIS with Methotrexate 0.06 mM 48 hr
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

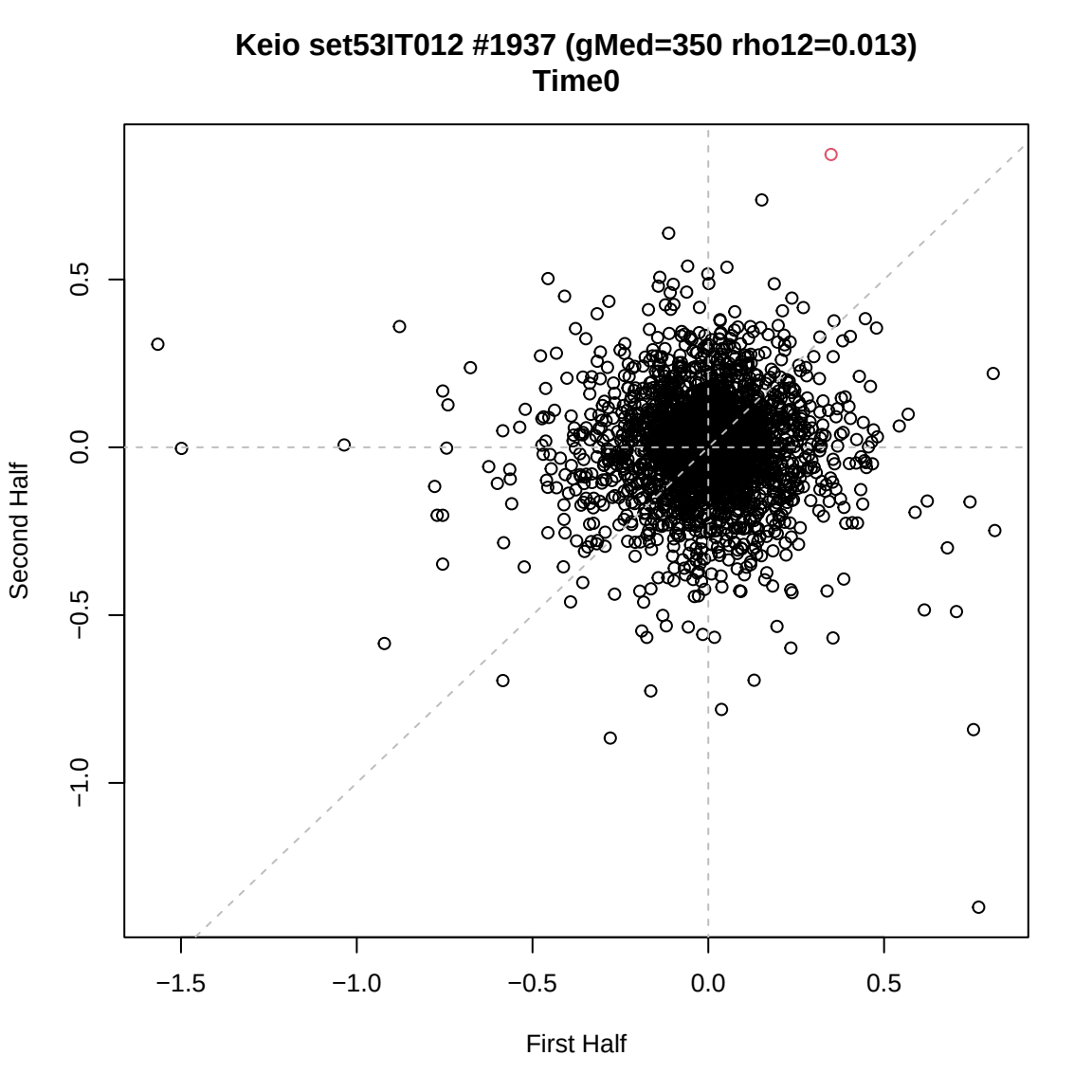

Keio set53IT007 #1932 (gMed=496 rho12=0.358)
M9 no stress control; Aerobic 24 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

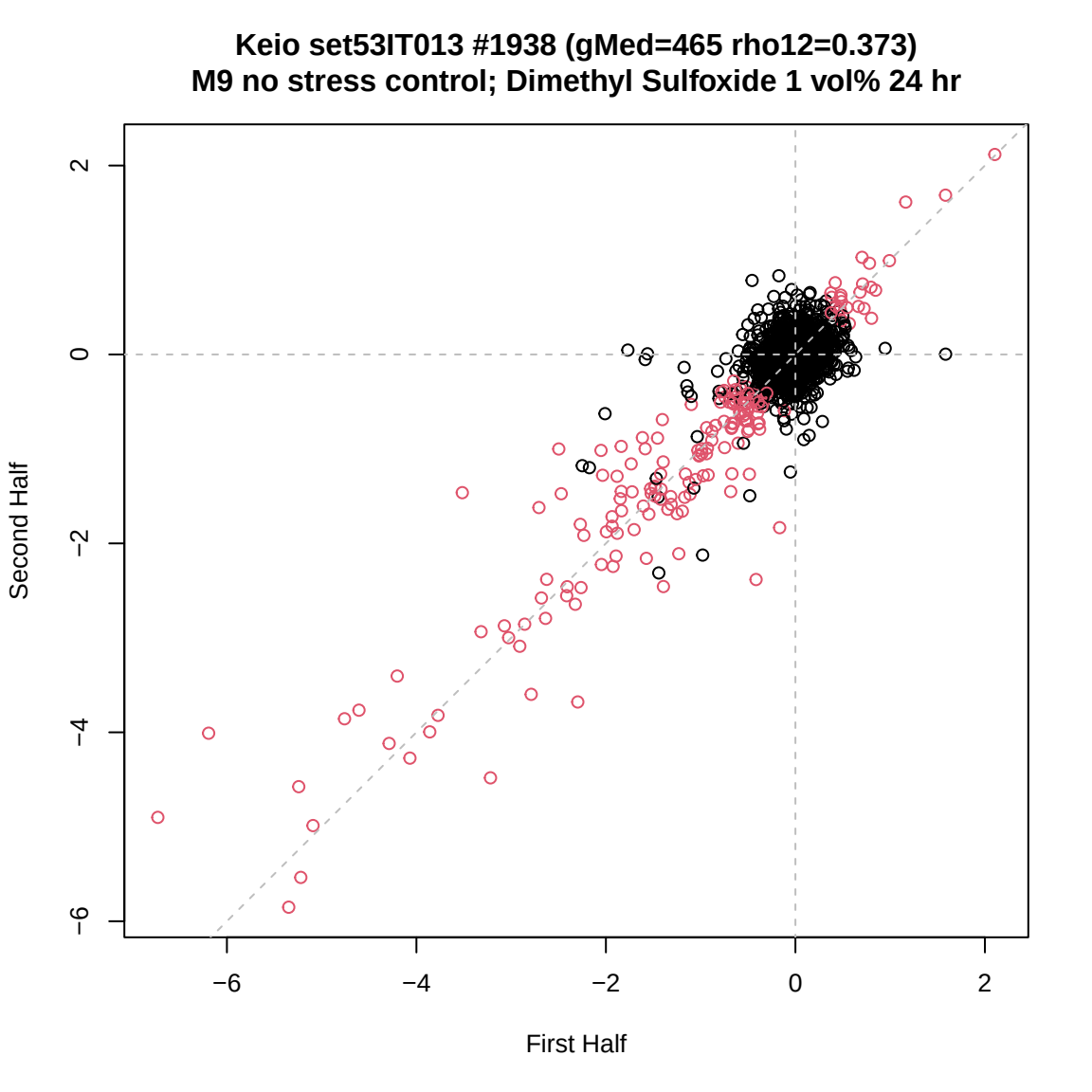

Keio set53IT008 #1933 (gMed=160 rho12=0.152)
M9 Aerobic with Capecitabine 13.914 mM 24 hr
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

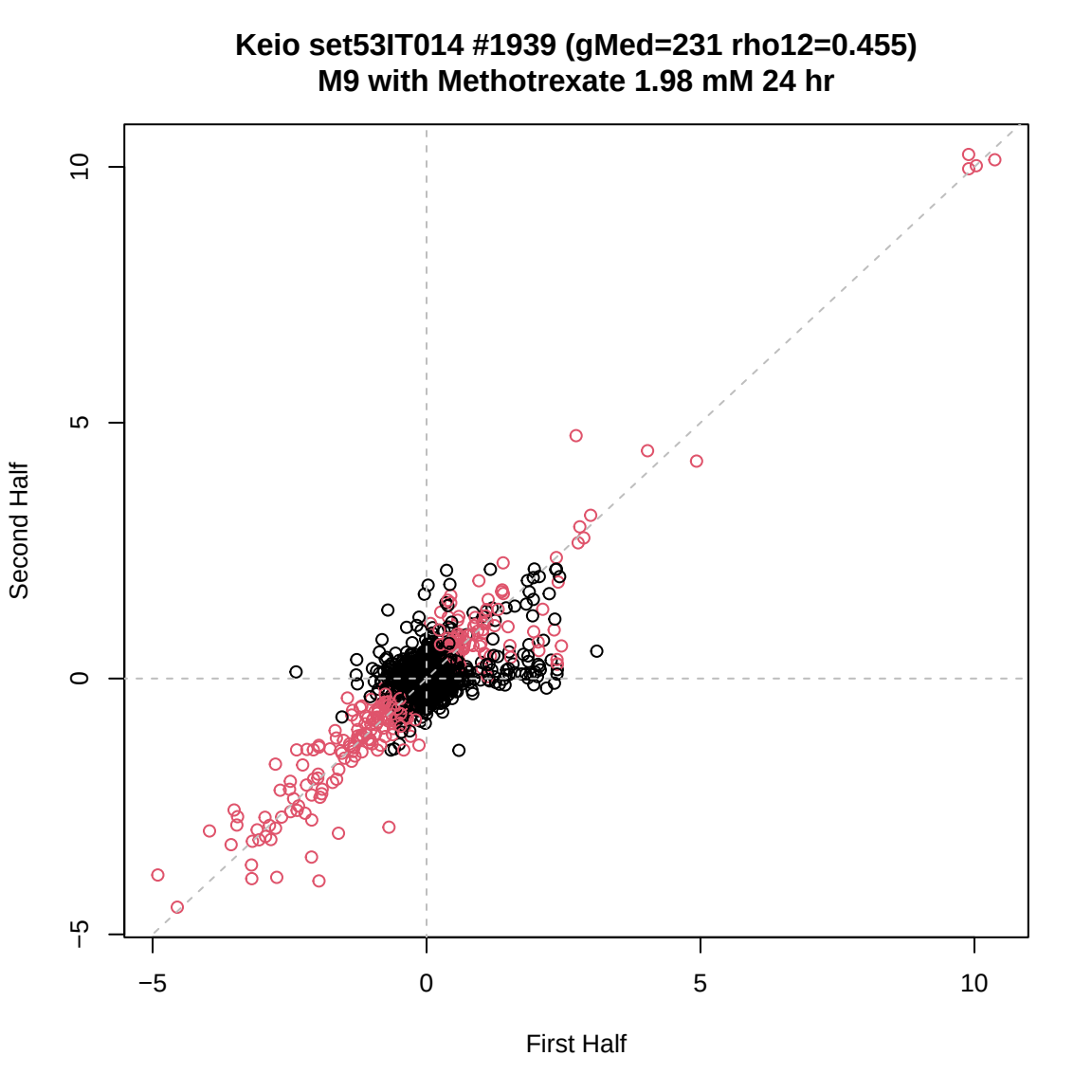

Keio set53IT009 #1934 (gMed=99 rho12=0.083)
M9 Anaerobic with Capecitabine 13.914 mM 24 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

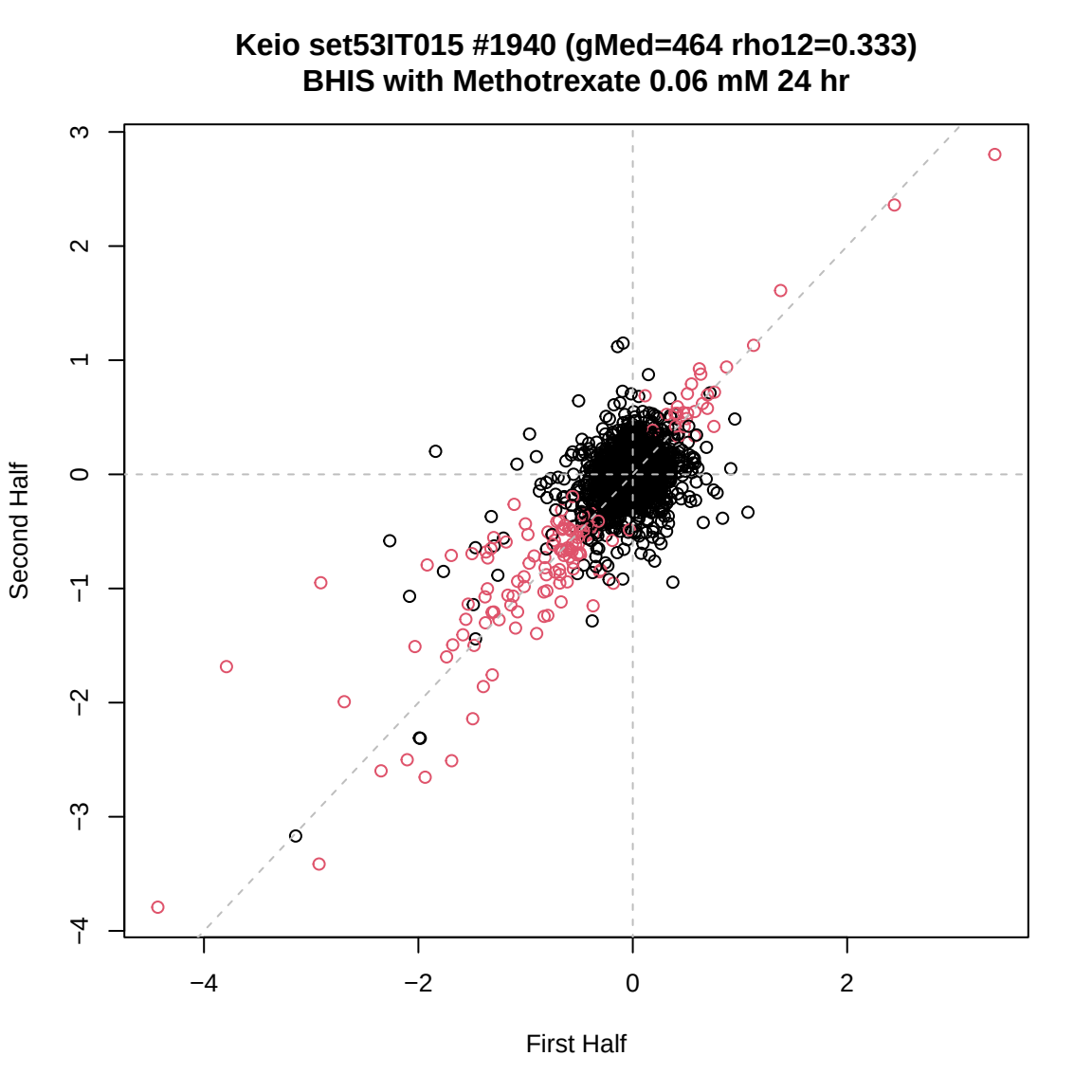

Keio set53IT010 #1935 (gMed=3 rho12=0.381)
M9 Aerobic with Capecitabine 13.914 mM 48 hr
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4

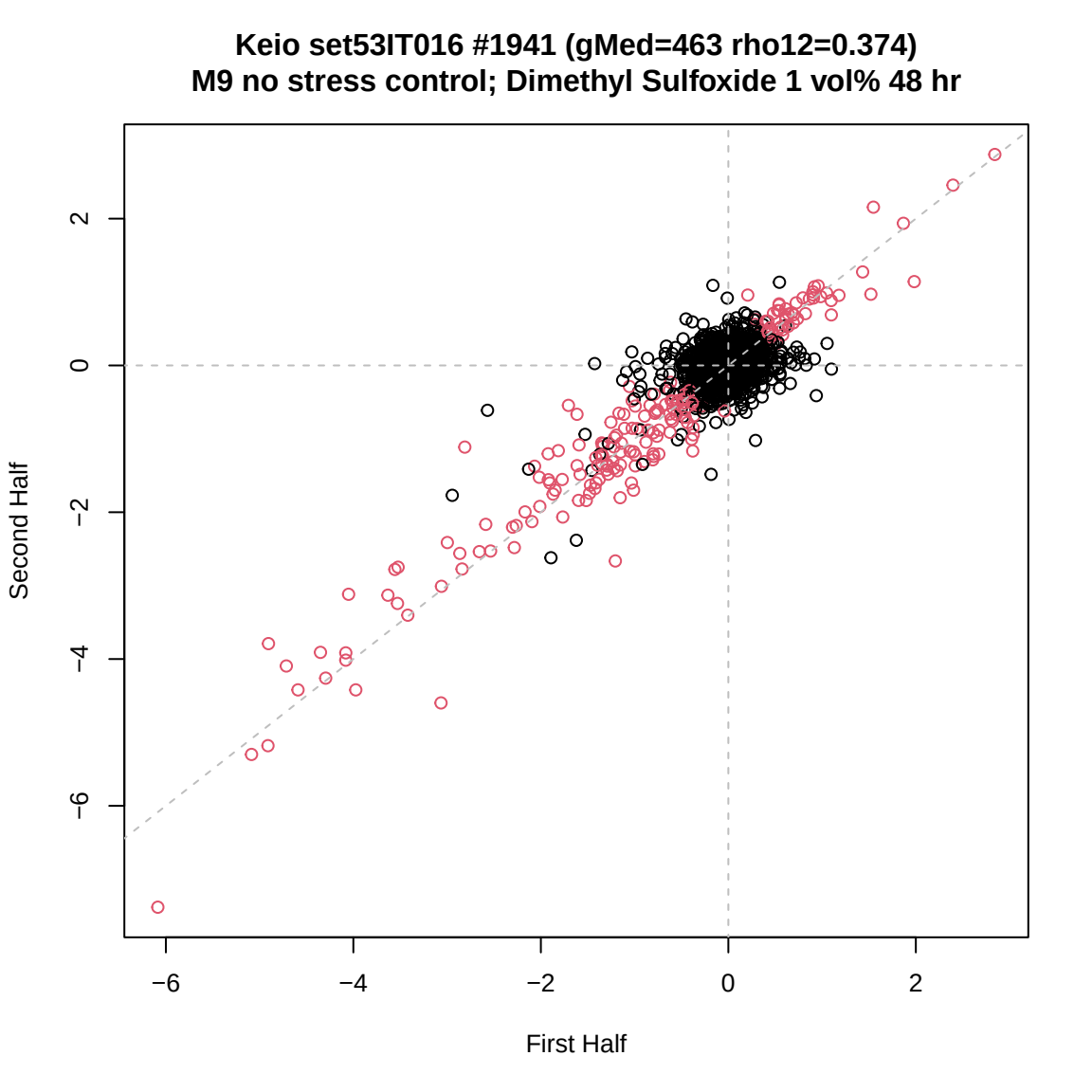

Keio set53IT011 #1936 (gMed=119 rho12=0.100)
M9 Anaerobic with Capecitabine 6.957 mM 48 hr
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

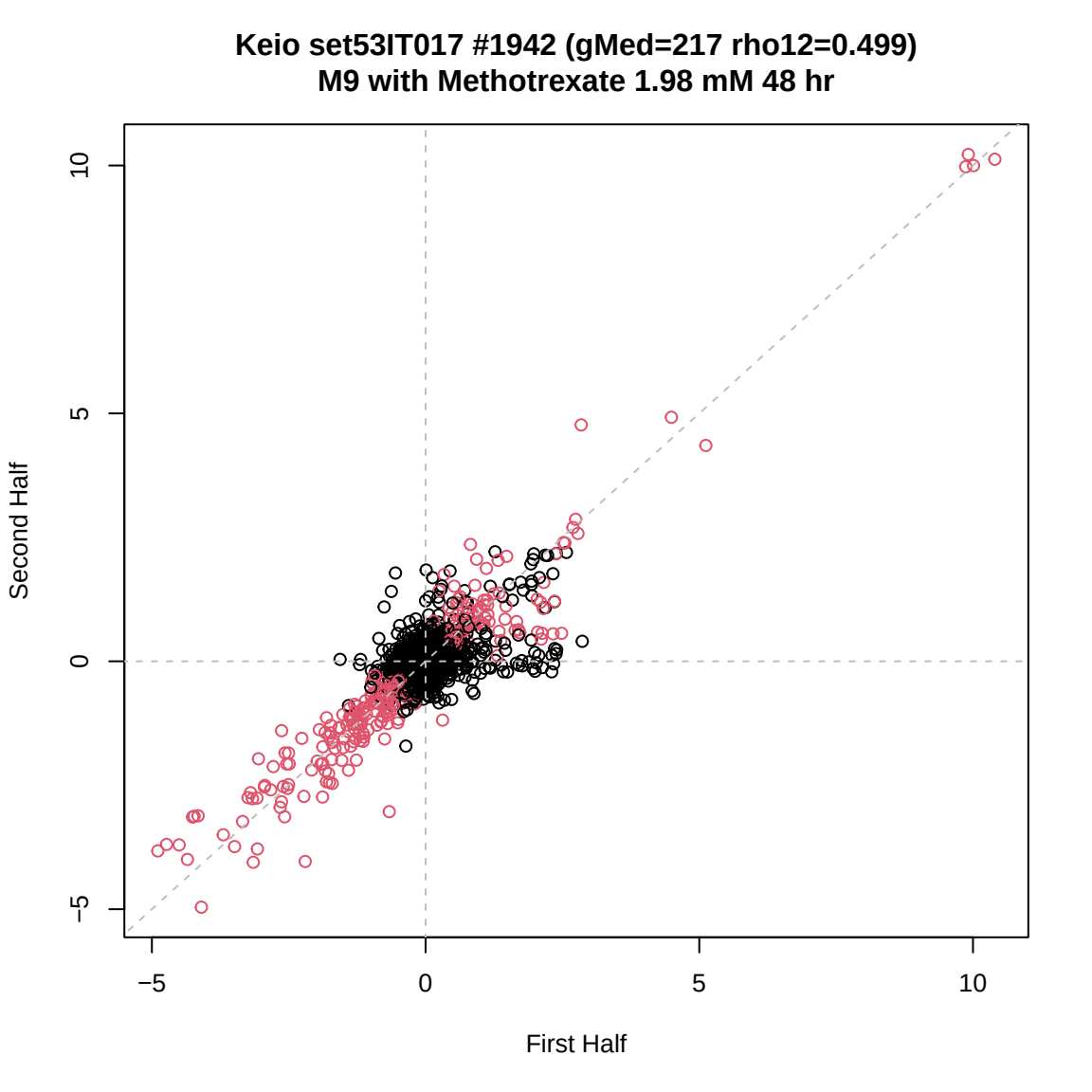

Keio set53IT012 #1937 (gMed=350 rho12=0.013)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

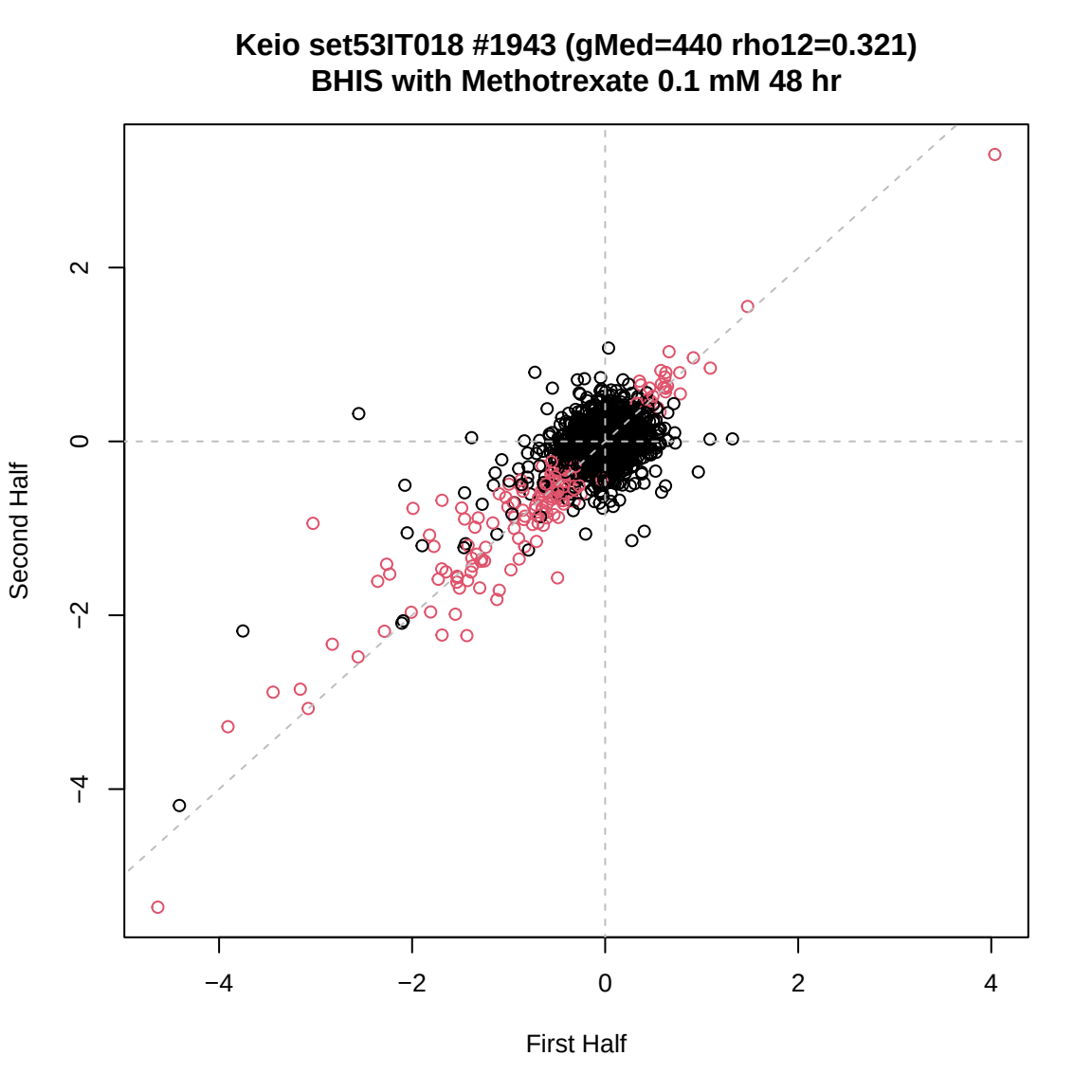

Keio set53IT013 #1938 (gMed=465 rho12=0.373)
M9 no stress control; Dimethyl Sulfoxide 1 vol% 24 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

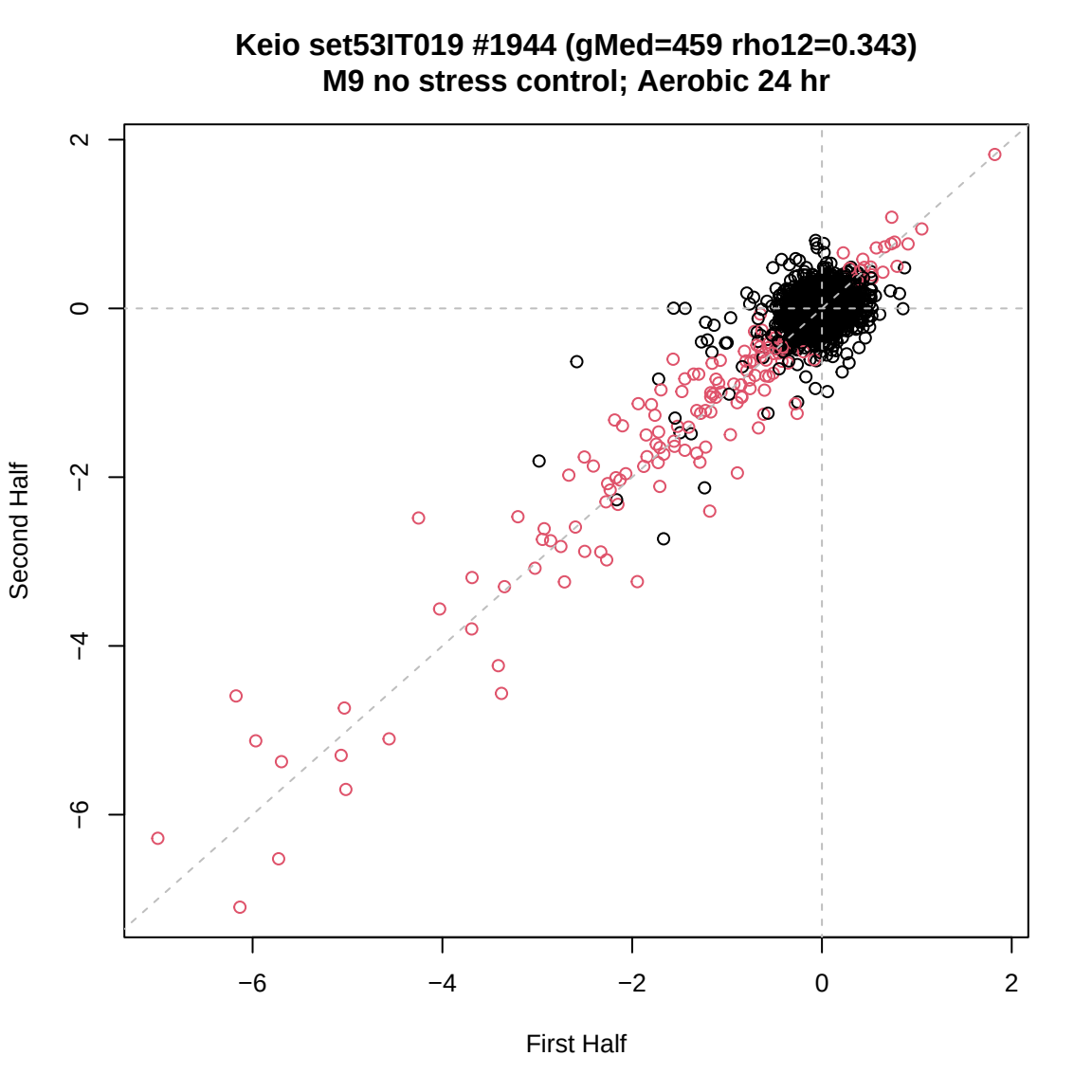

Keio set53IT014 #1939 (gMed=231 rho12=0.455)
M9 with Methotrexate 1.98 mM 24 hr
Second Half
First Half
10
5
0
−5
−5
0
5
10

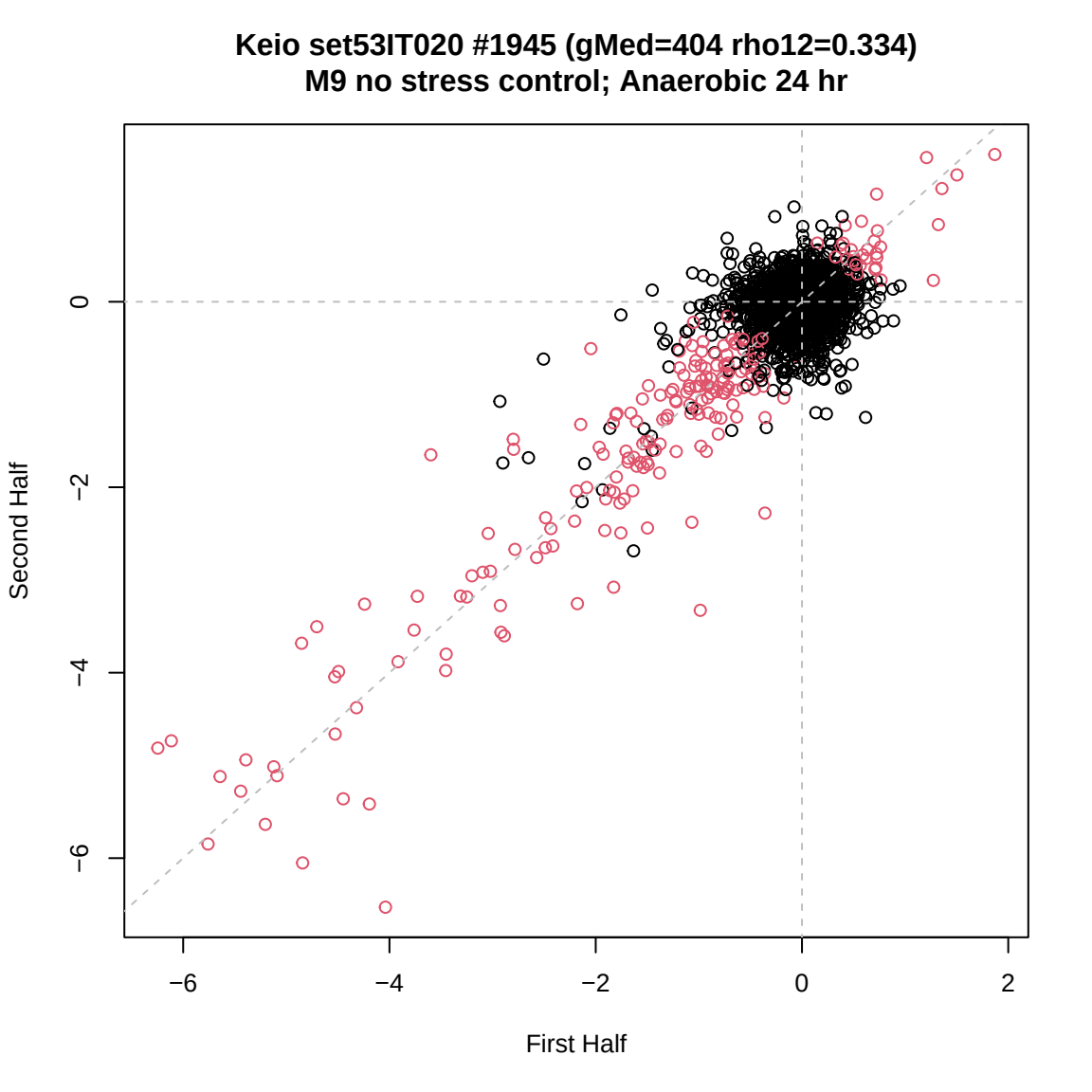

Keio set53IT015 #1940 (gMed=464 rho12=0.333)
BHIS with Methotrexate 0.06 mM 24 hr
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2

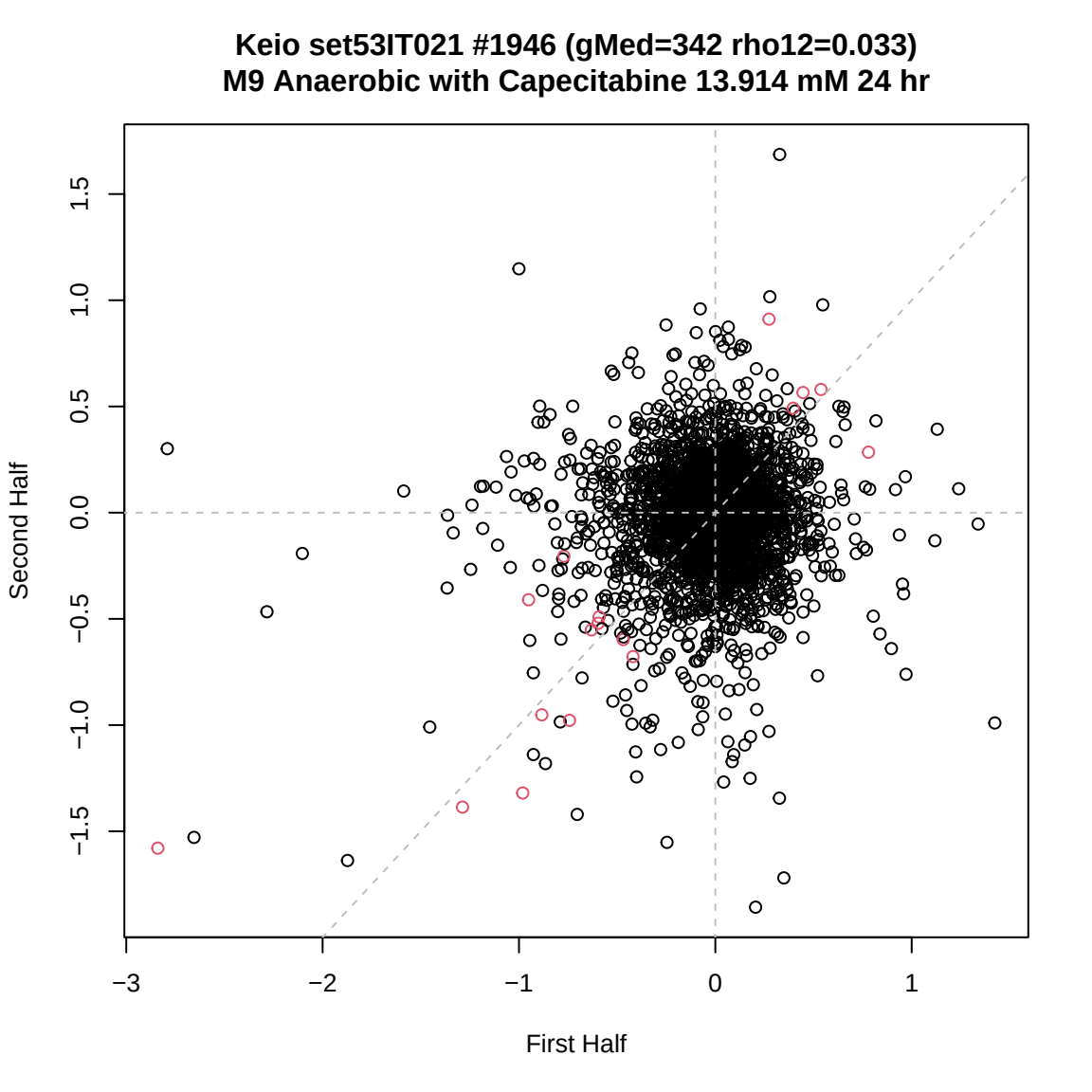

Keio set53IT016 #1941 (gMed=463 rho12=0.374)
M9 no stress control; Dimethyl Sulfoxide 1 vol% 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

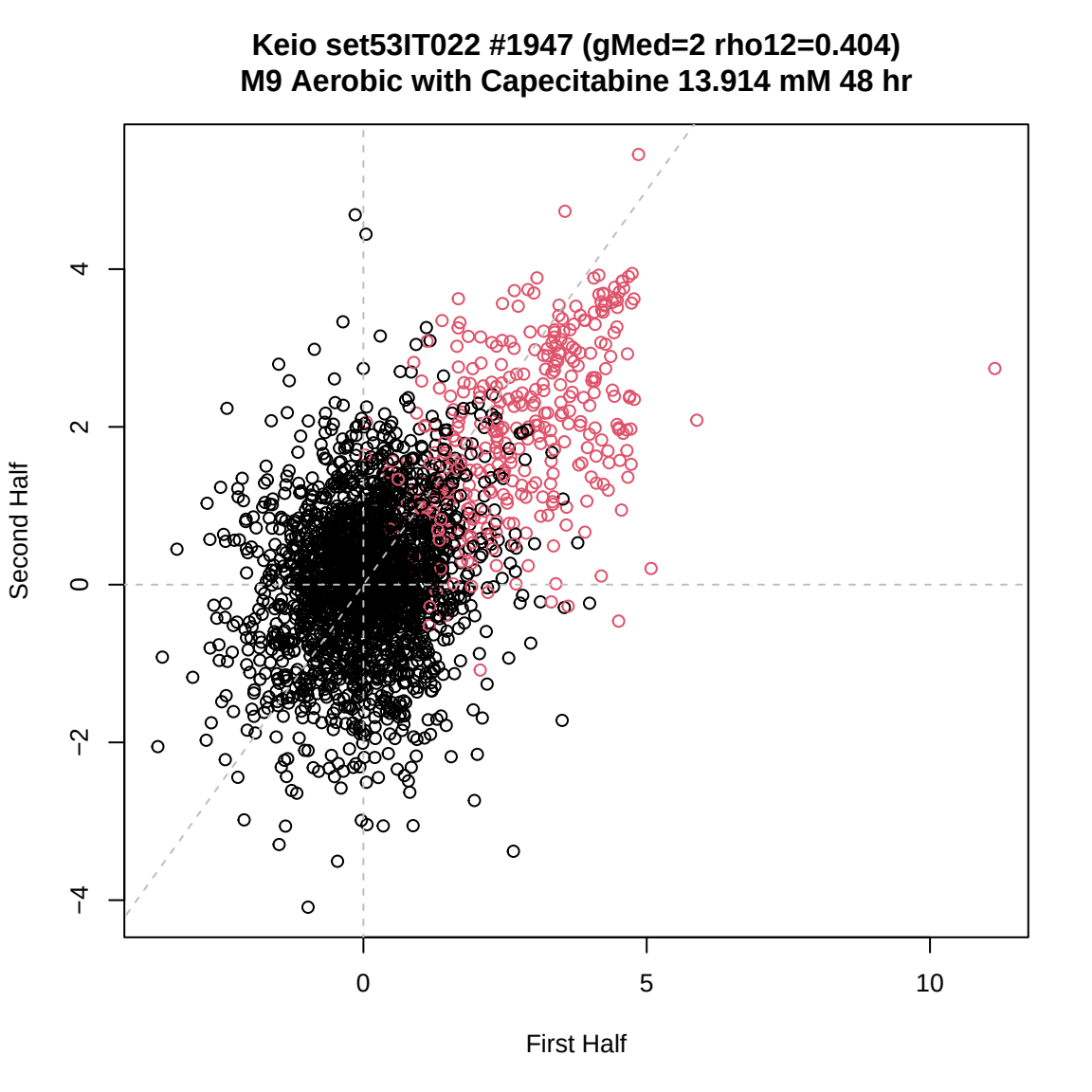

Keio set53IT017 #1942 (gMed=217 rho12=0.499)
M9 with Methotrexate 1.98 mM 48 hr
Second Half
First Half
10
5
0
−5
−5
0
5
10

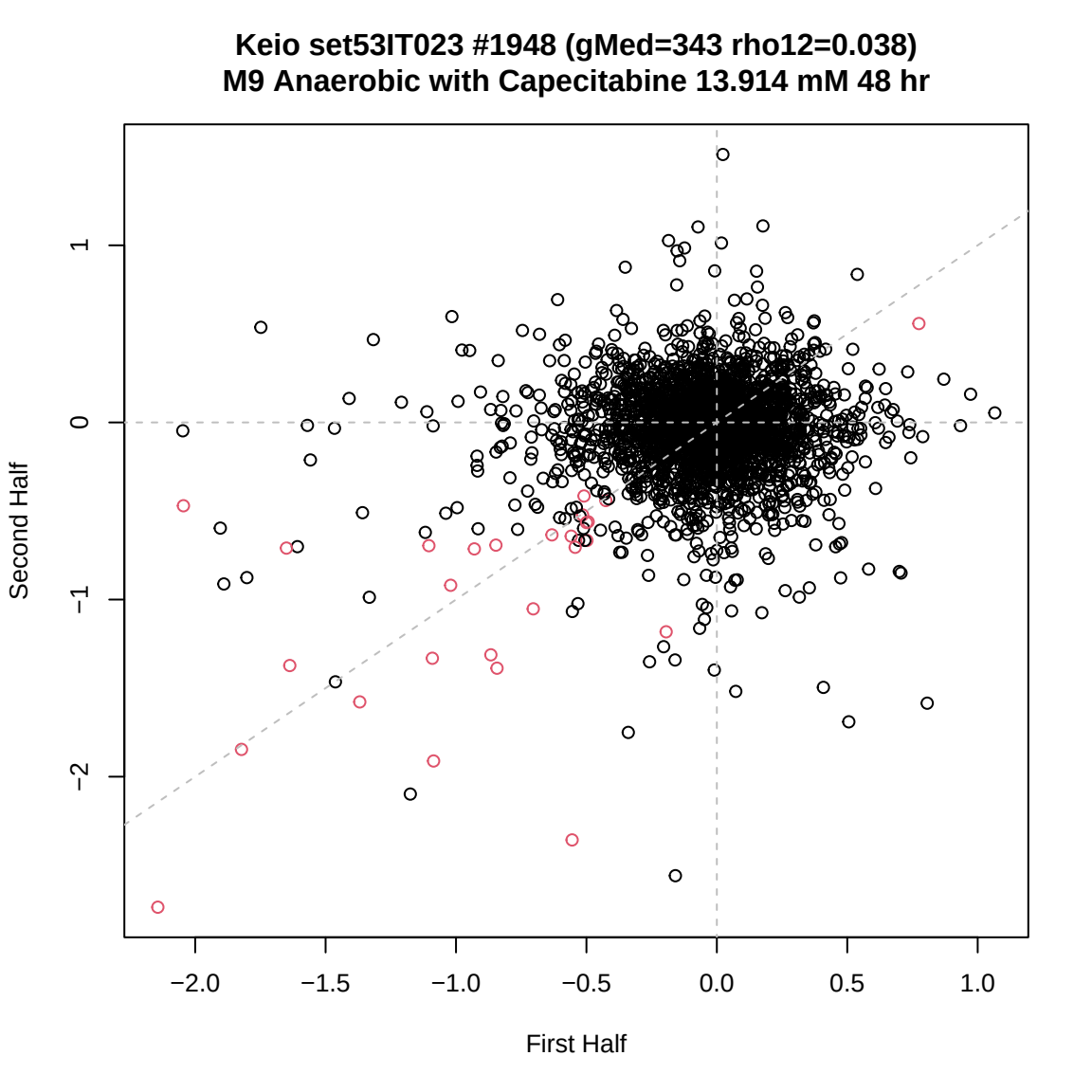

Keio set53IT018 #1943 (gMed=440 rho12=0.321)
BHIS with Methotrexate 0.1 mM 48 hr
Second Half
First Half
2
0
−2
−4
−4
−2
0
2
4

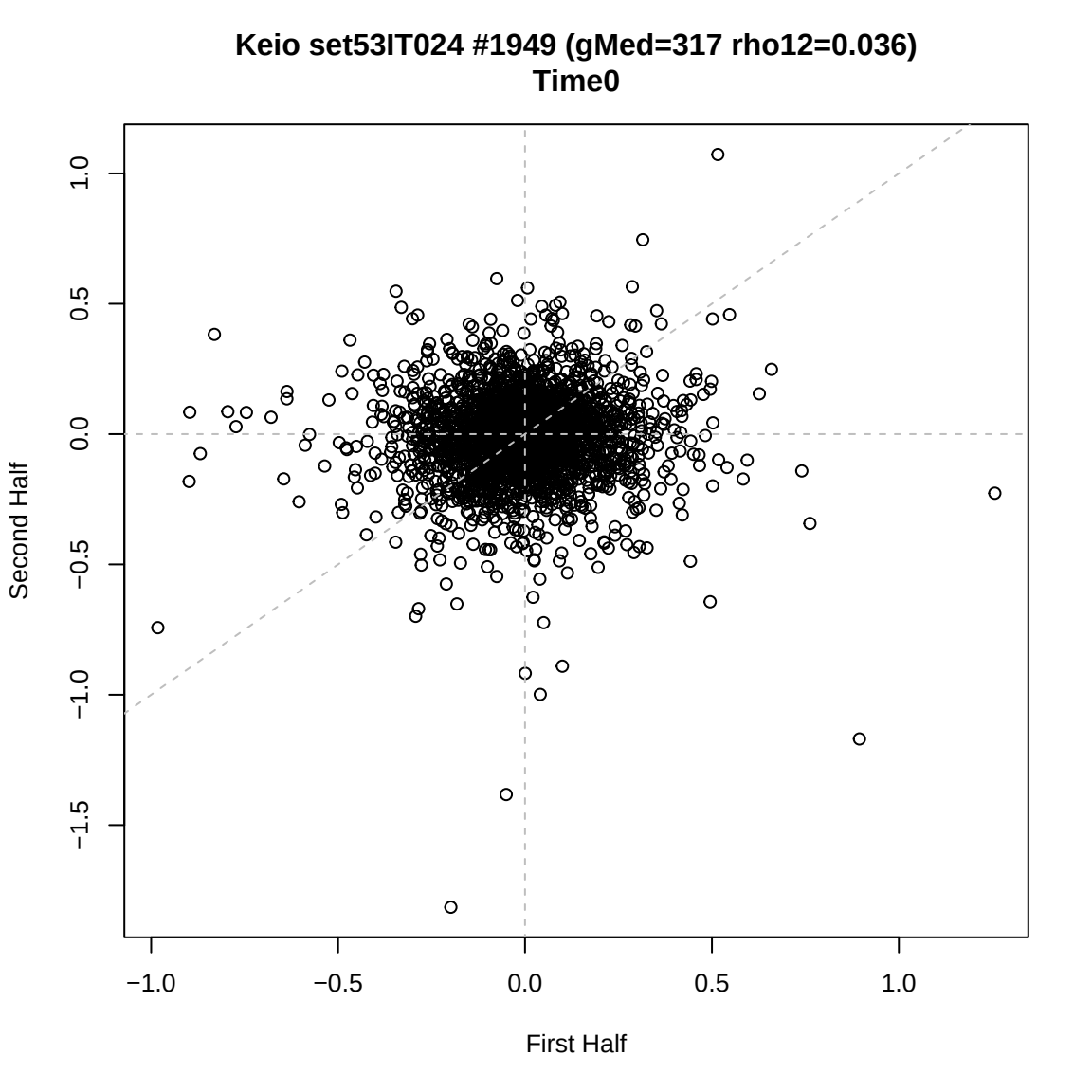

Keio set53IT019 #1944 (gMed=459 rho12=0.343)
M9 no stress control; Aerobic 24 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

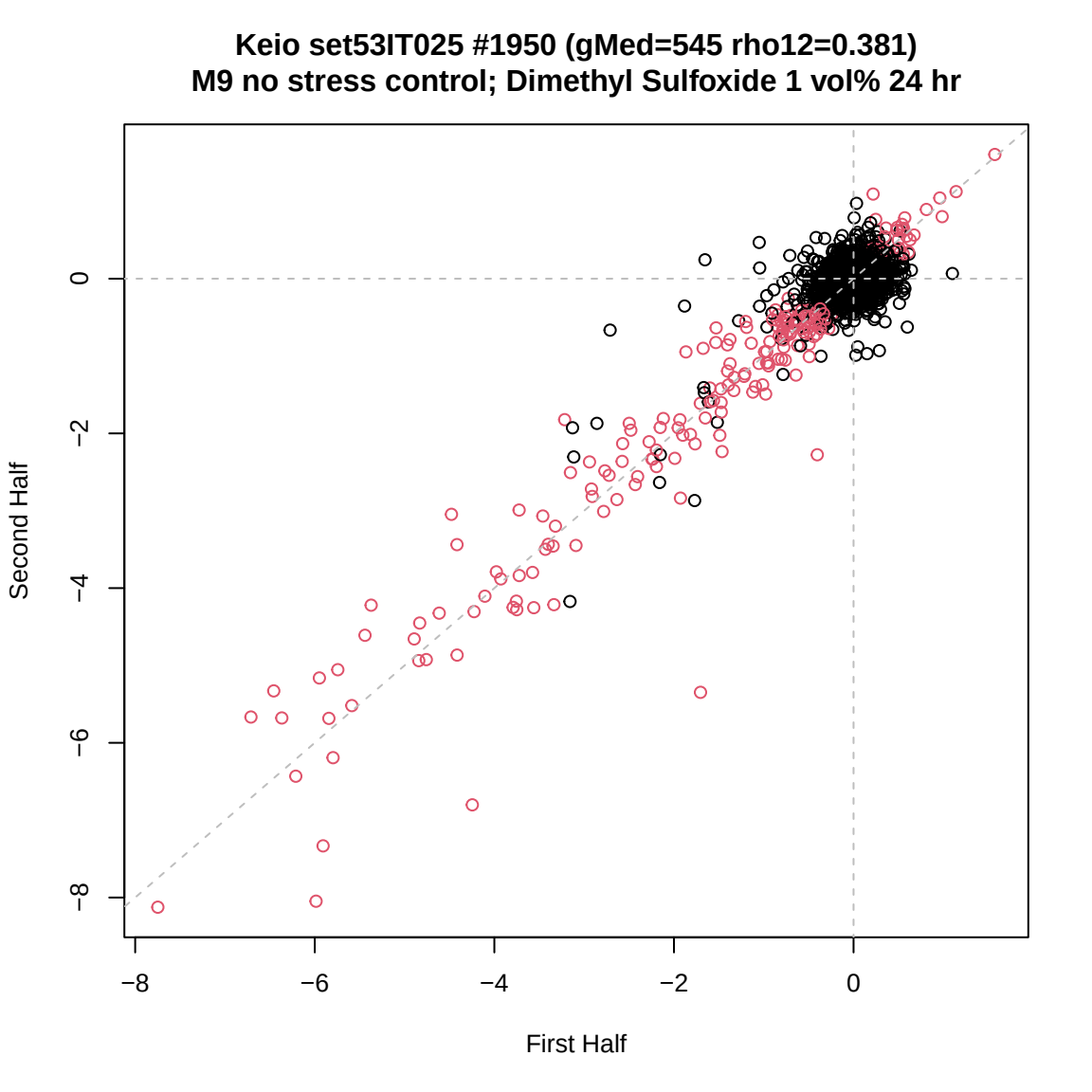

Keio set53IT020 #1945 (gMed=404 rho12=0.334)
M9 no stress control; Anaerobic 24 hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0
2

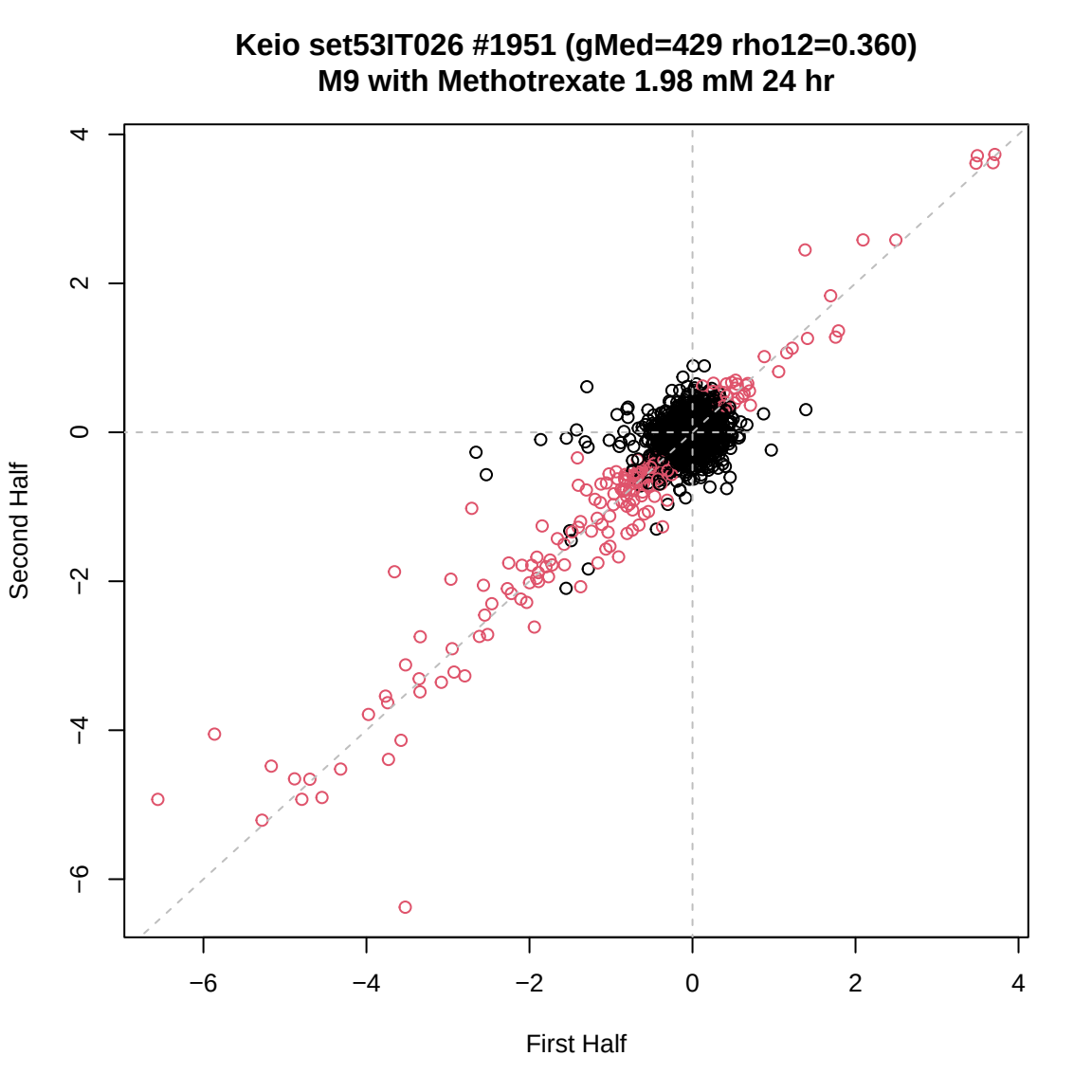

Keio set53IT021 #1946 (gMed=342 rho12=0.033)
M9 Anaerobic with Capecitabine 13.914 mM 24 hr
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

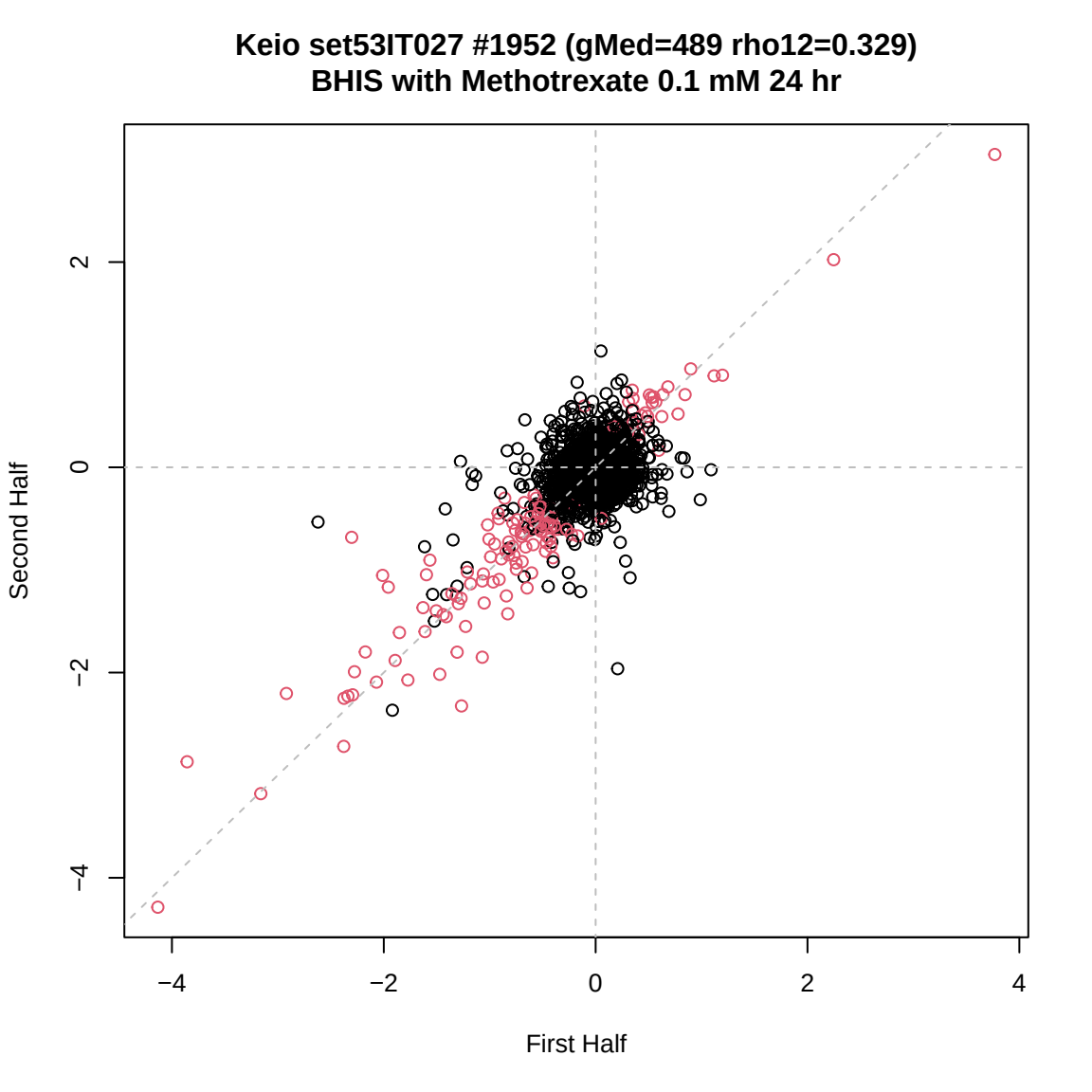

Keio set53IT022 #1947 (gMed=2 rho12=0.404)
M9 Aerobic with Capecitabine 13.914 mM 48 hr
Second Half
First Half
4
2
0
−2
−4
0
5
10

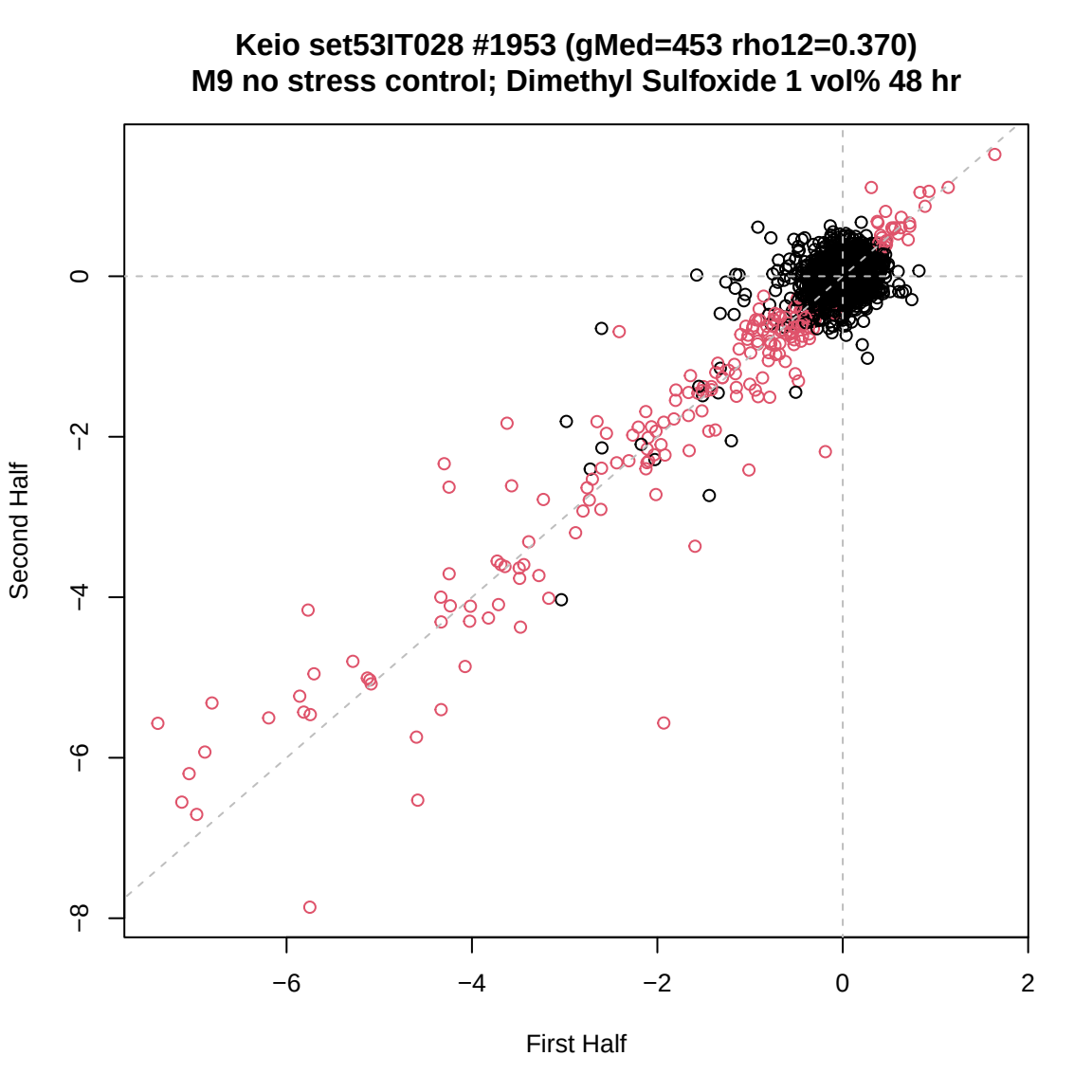

Keio set53IT023 #1948 (gMed=343 rho12=0.038)
M9 Anaerobic with Capecitabine 13.914 mM 48 hr
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

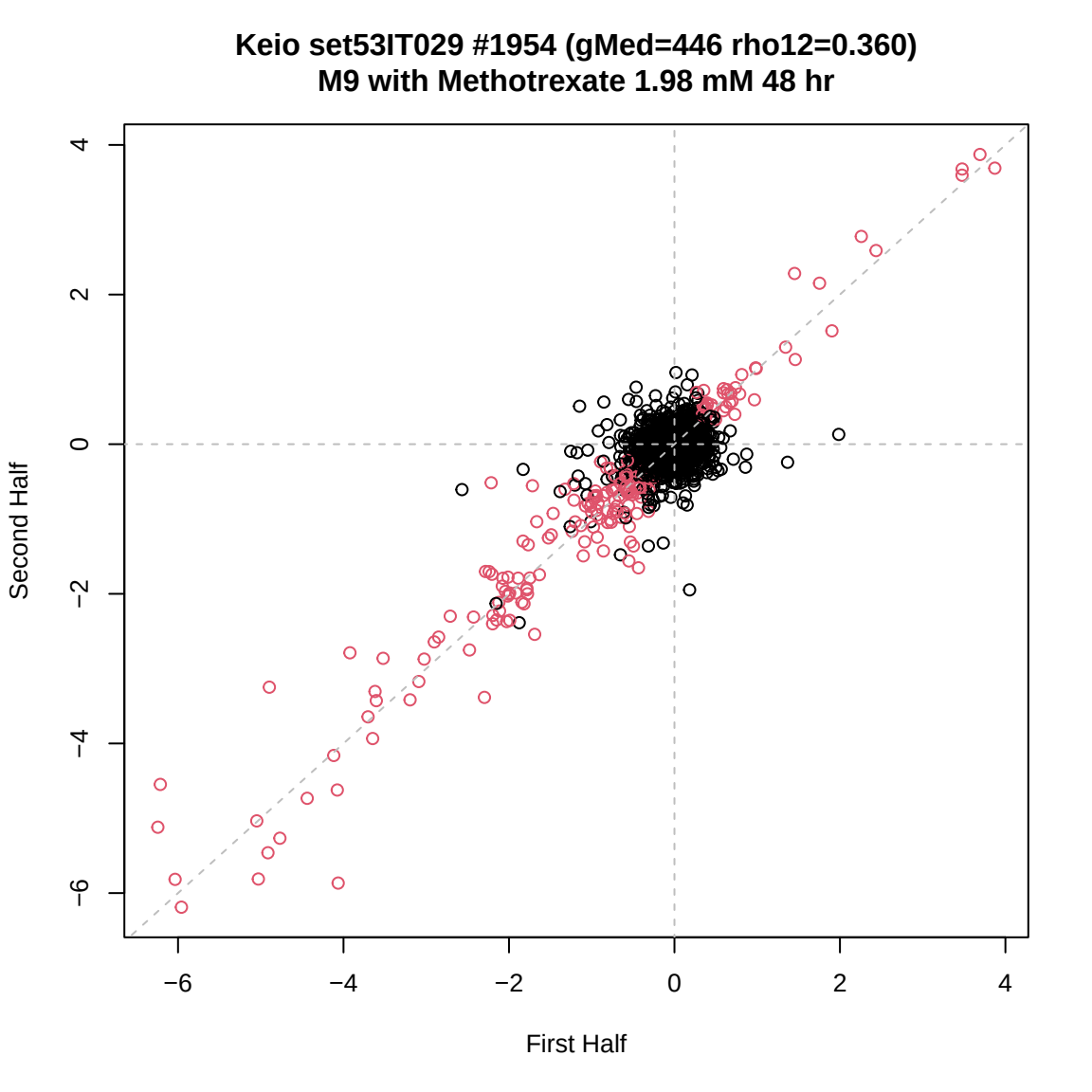

Keio set53IT024 #1949 (gMed=317 rho12=0.036)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

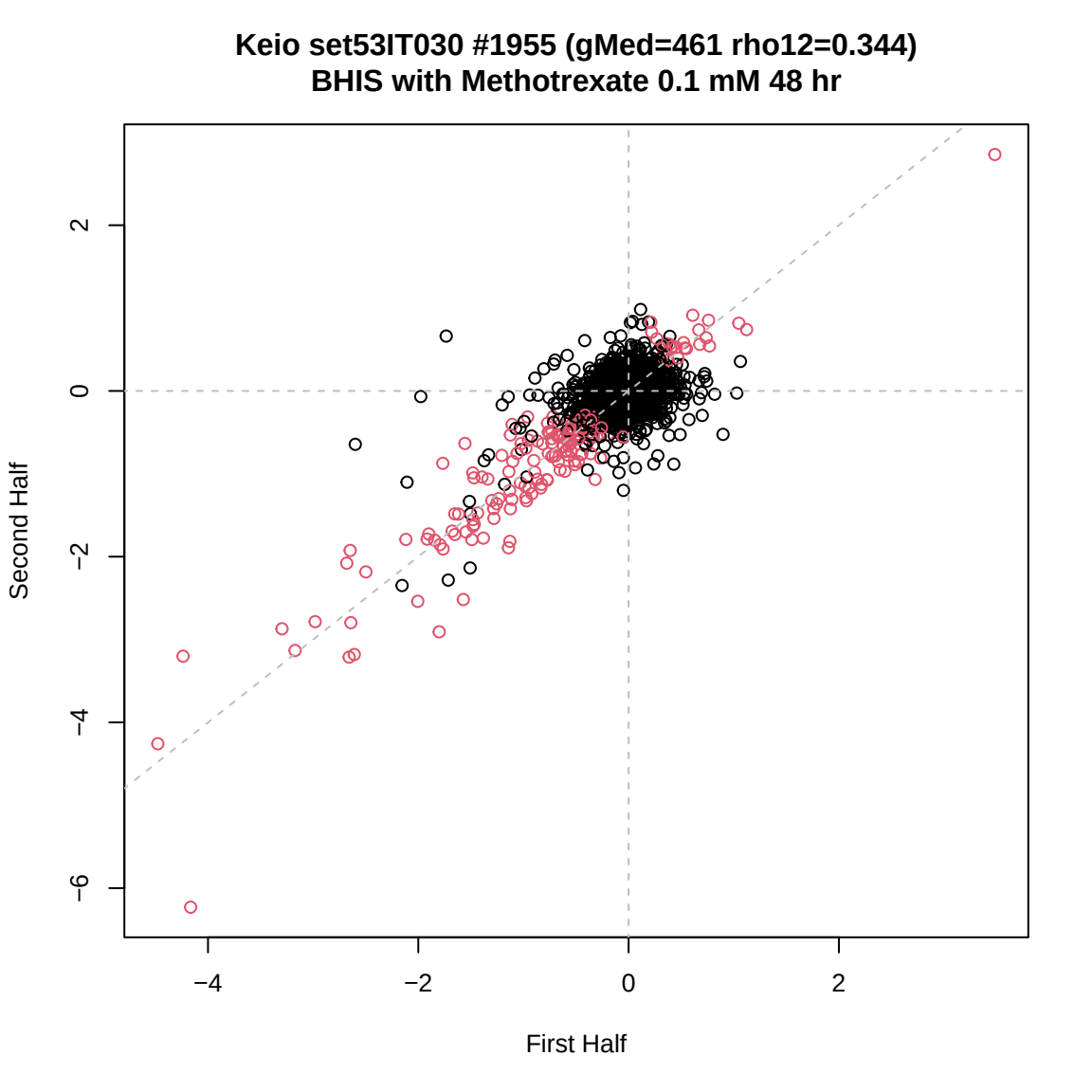

Keio set53IT025 #1950 (gMed=545 rho12=0.381)
M9 no stress control; Dimethyl Sulfoxide 1 vol% 24 hr
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

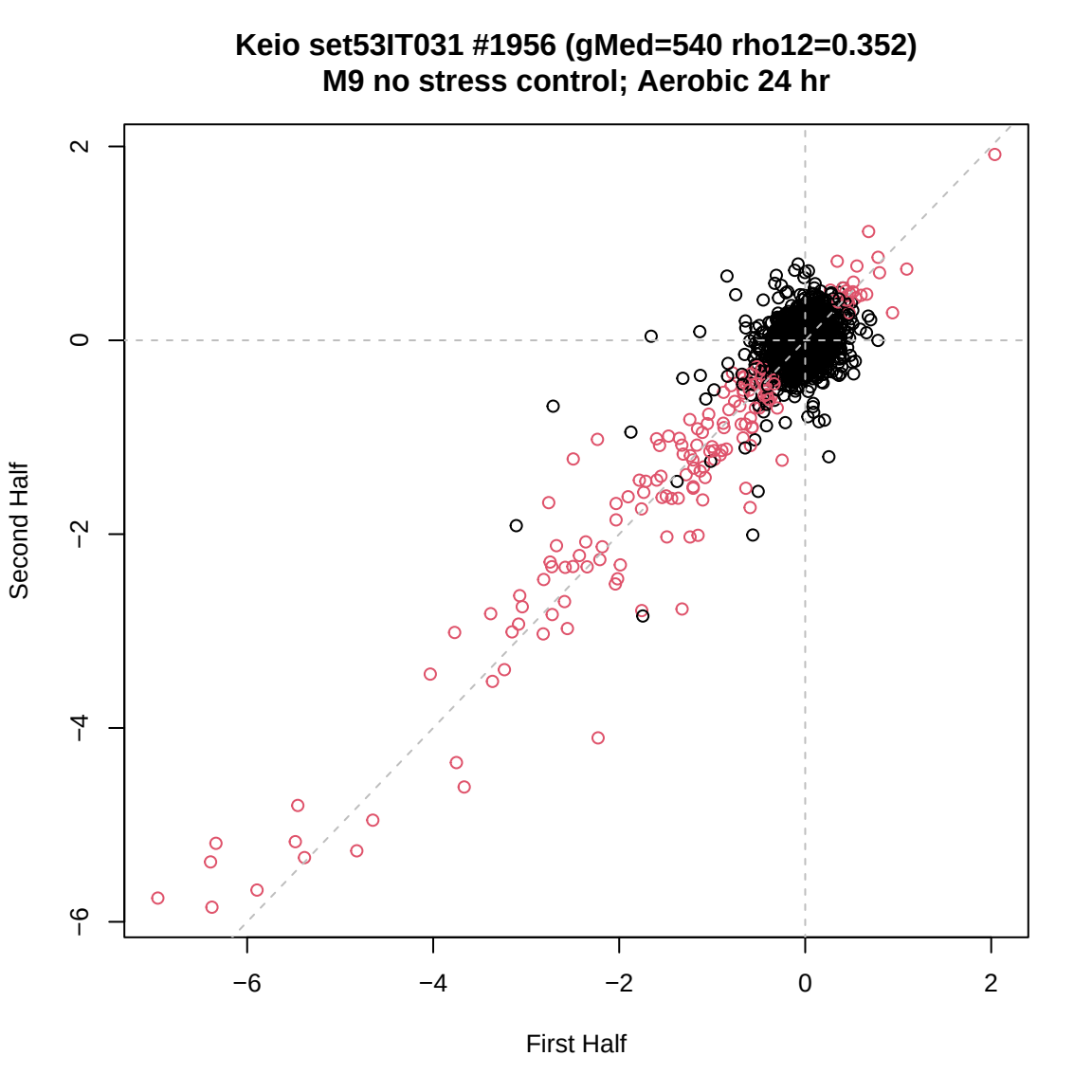

Keio set53IT026 #1951 (gMed=429 rho12=0.360)
M9 with Methotrexate 1.98 mM 24 hr
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

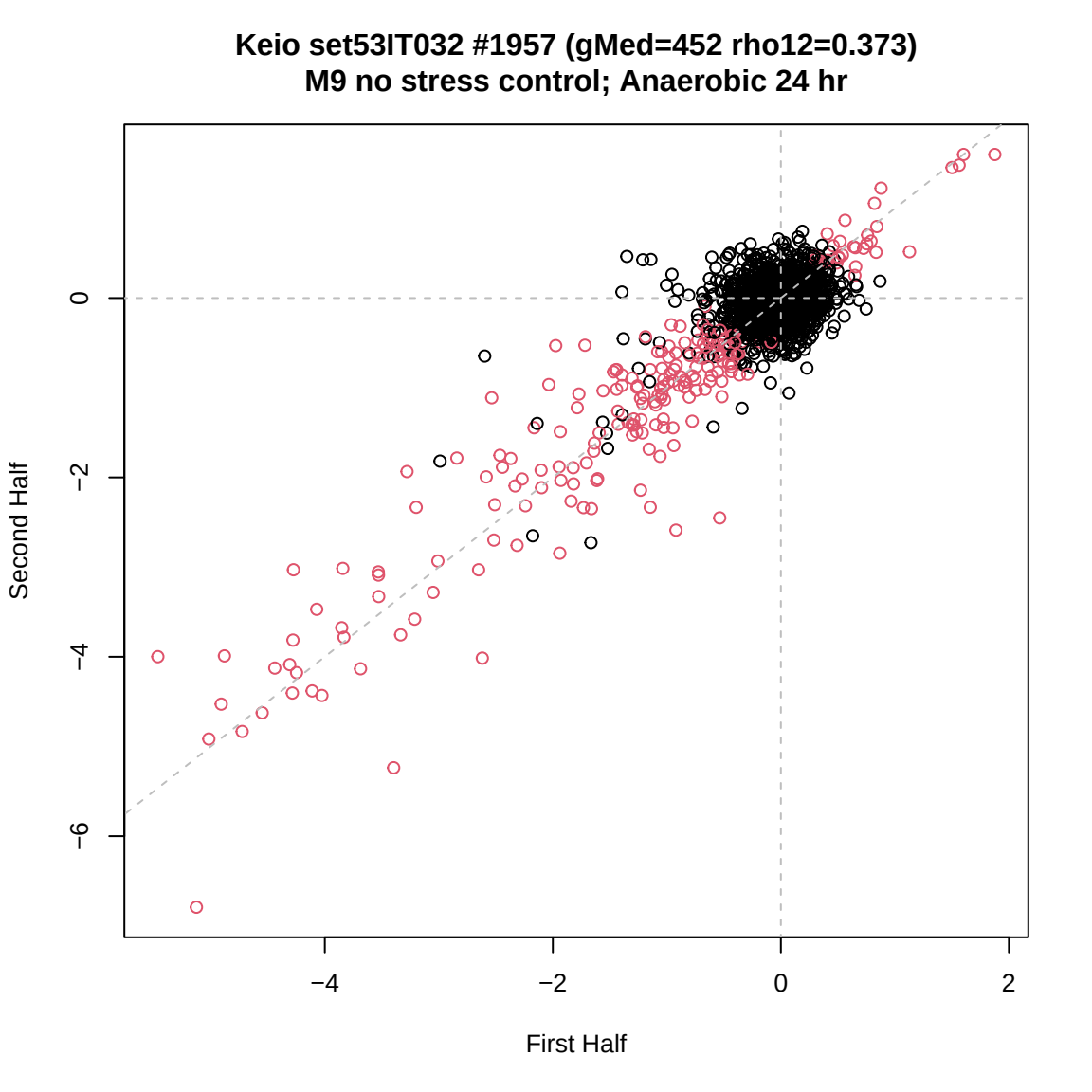

Keio set53IT027 #1952 (gMed=489 rho12=0.329)
BHIS with Methotrexate 0.1 mM 24 hr
Second Half
First Half
2
0
−2
−4
−4
−2
0
2
4

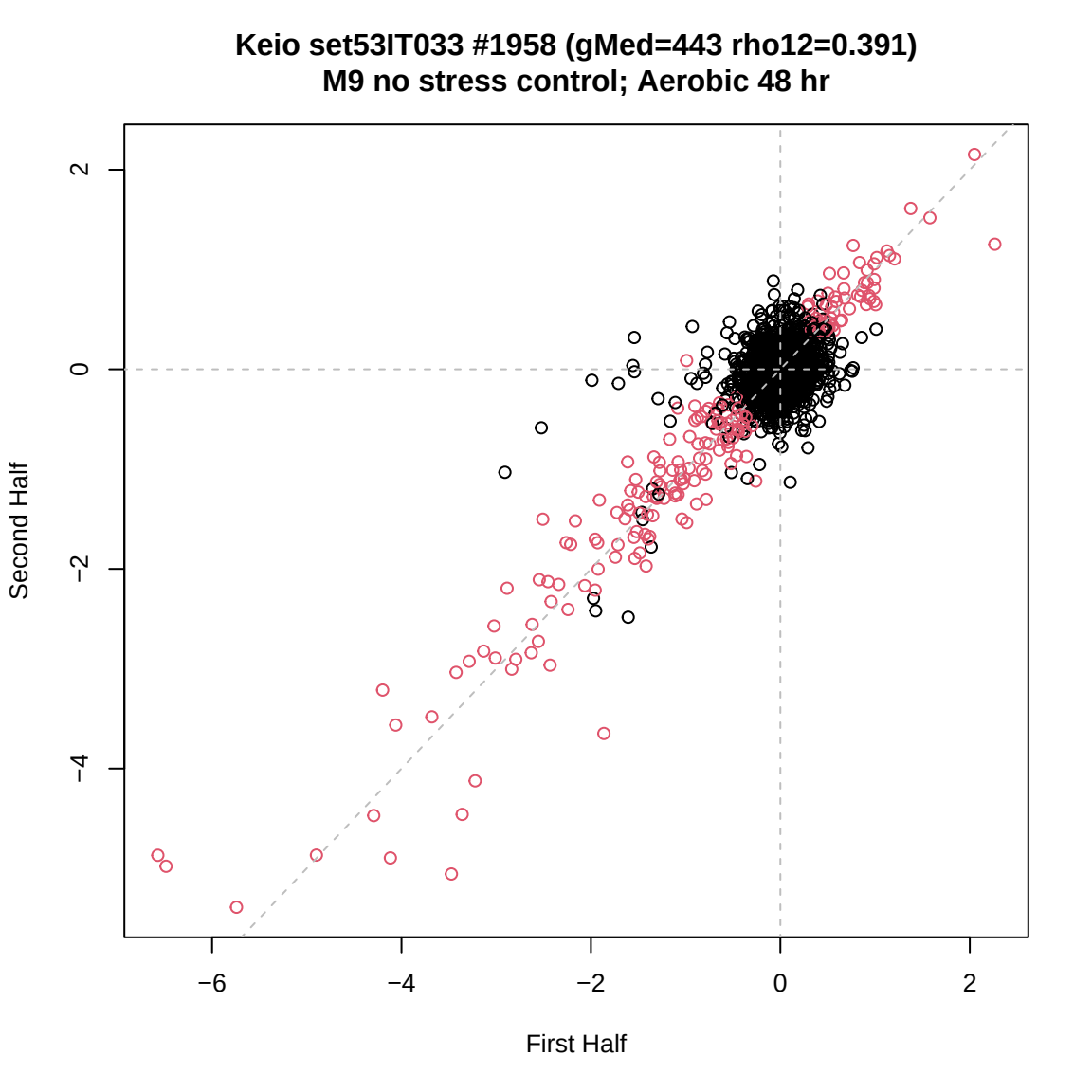

Keio set53IT028 #1953 (gMed=453 rho12=0.370)
M9 no stress control; Dimethyl Sulfoxide 1 vol% 48 hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0
2

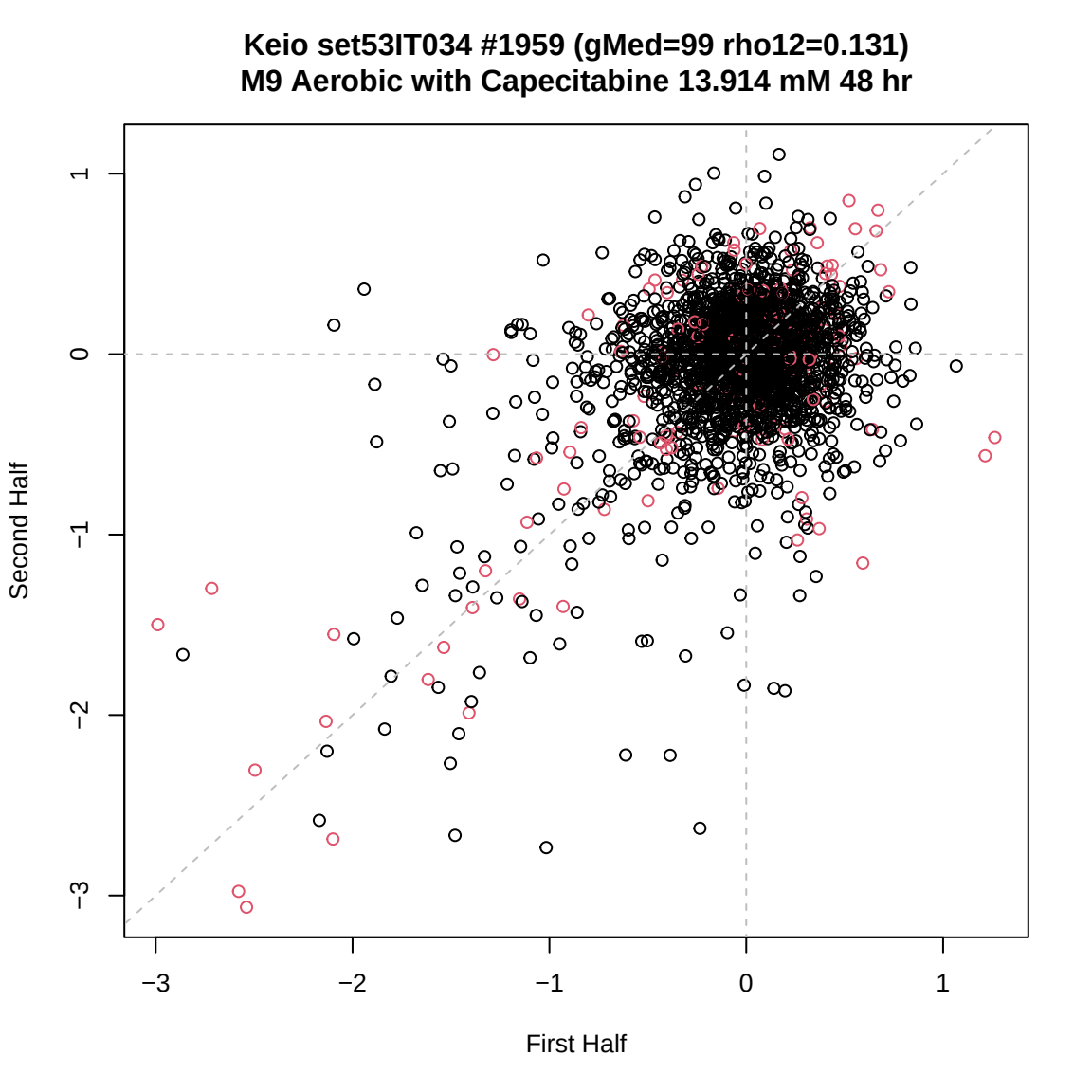

Keio set53IT029 #1954 (gMed=446 rho12=0.360)
M9 with Methotrexate 1.98 mM 48 hr
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

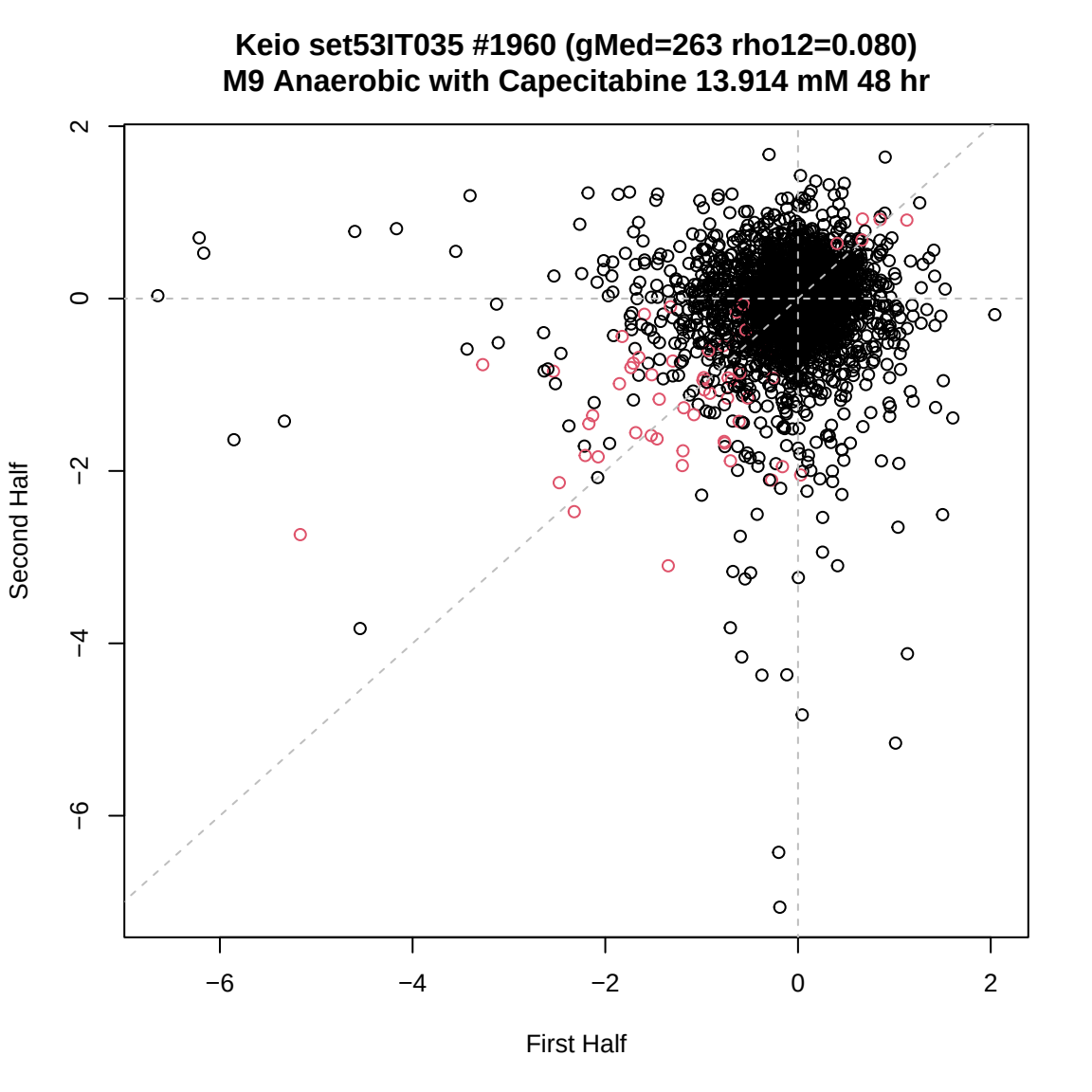

Keio set53IT030 #1955 (gMed=461 rho12=0.344)
BHIS with Methotrexate 0.1 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

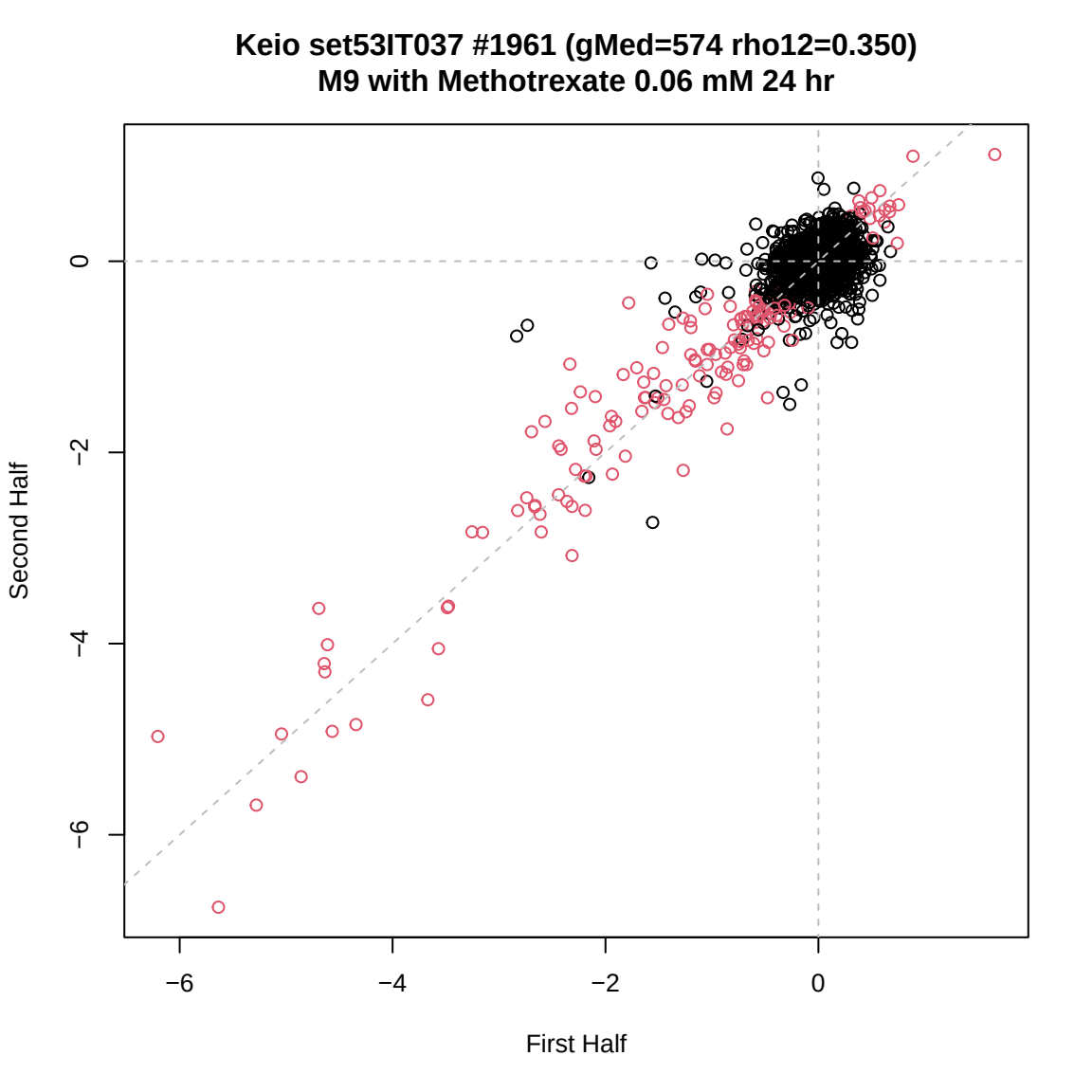

Keio set53IT031 #1956 (gMed=540 rho12=0.352)
M9 no stress control; Aerobic 24 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

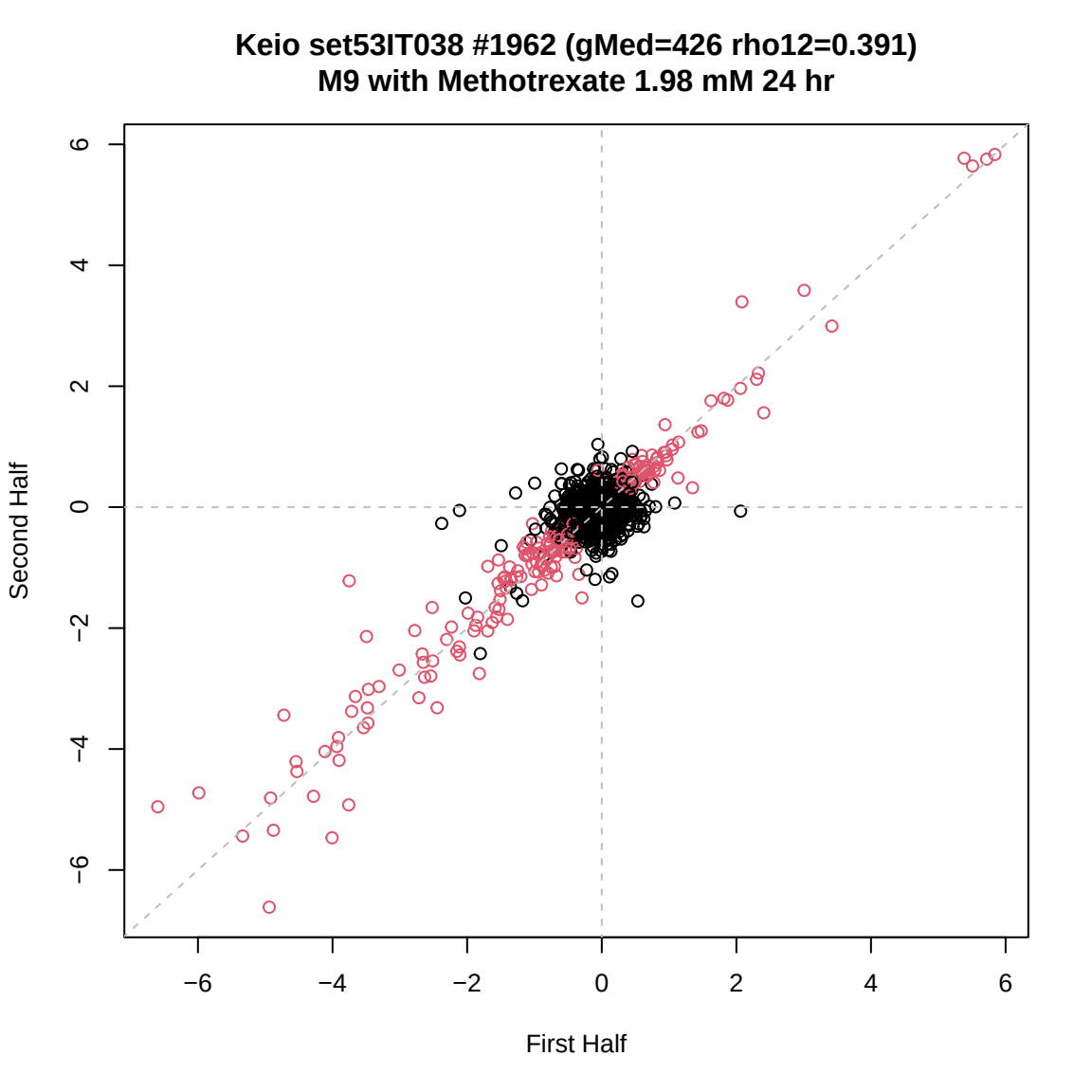

Keio set53IT032 #1957 (gMed=452 rho12=0.373)
M9 no stress control; Anaerobic 24 hr
Second Half
First Half
0
−2
−4
−6
−4
−2
0
2

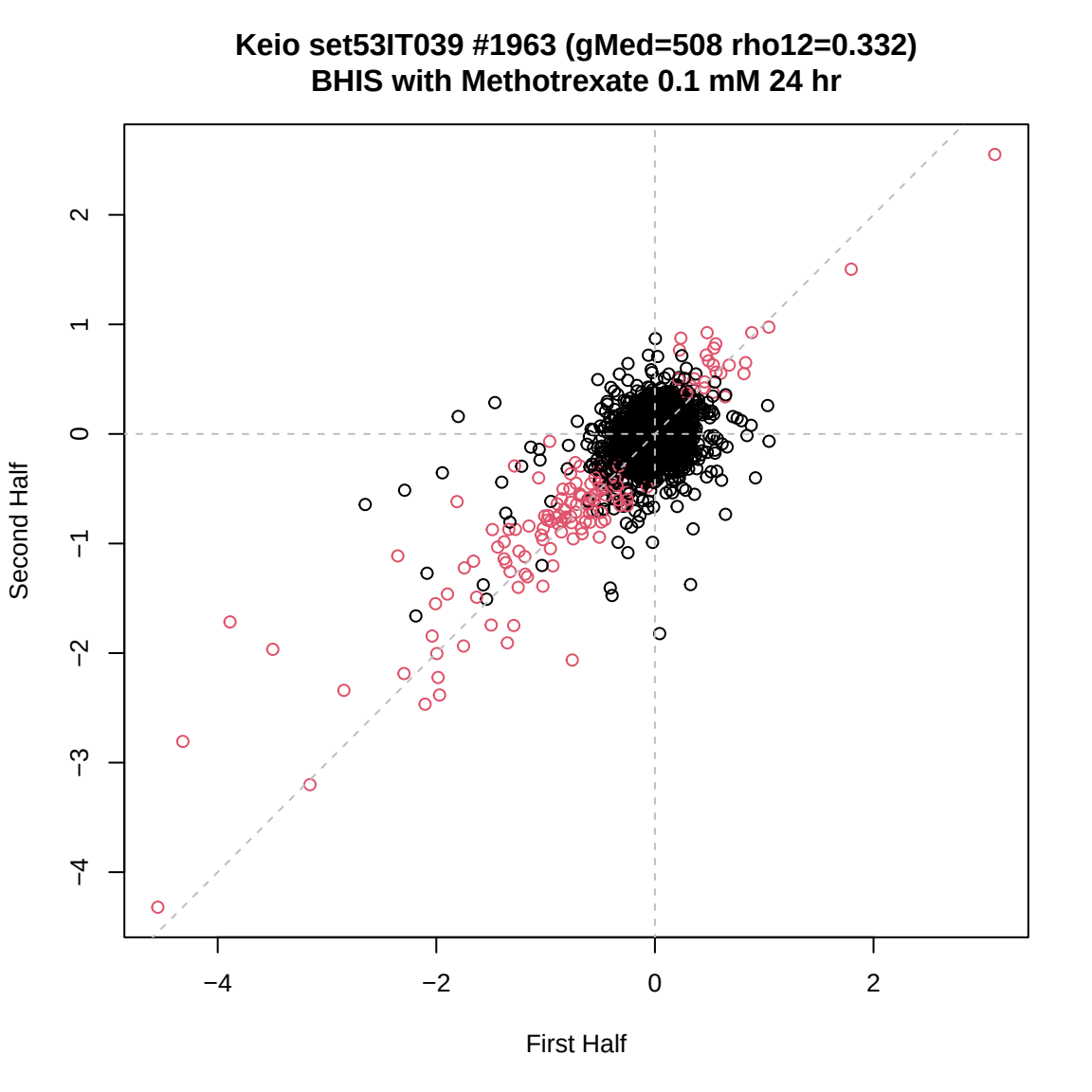

Keio set53IT033 #1958 (gMed=443 rho12=0.391)
M9 no stress control; Aerobic 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

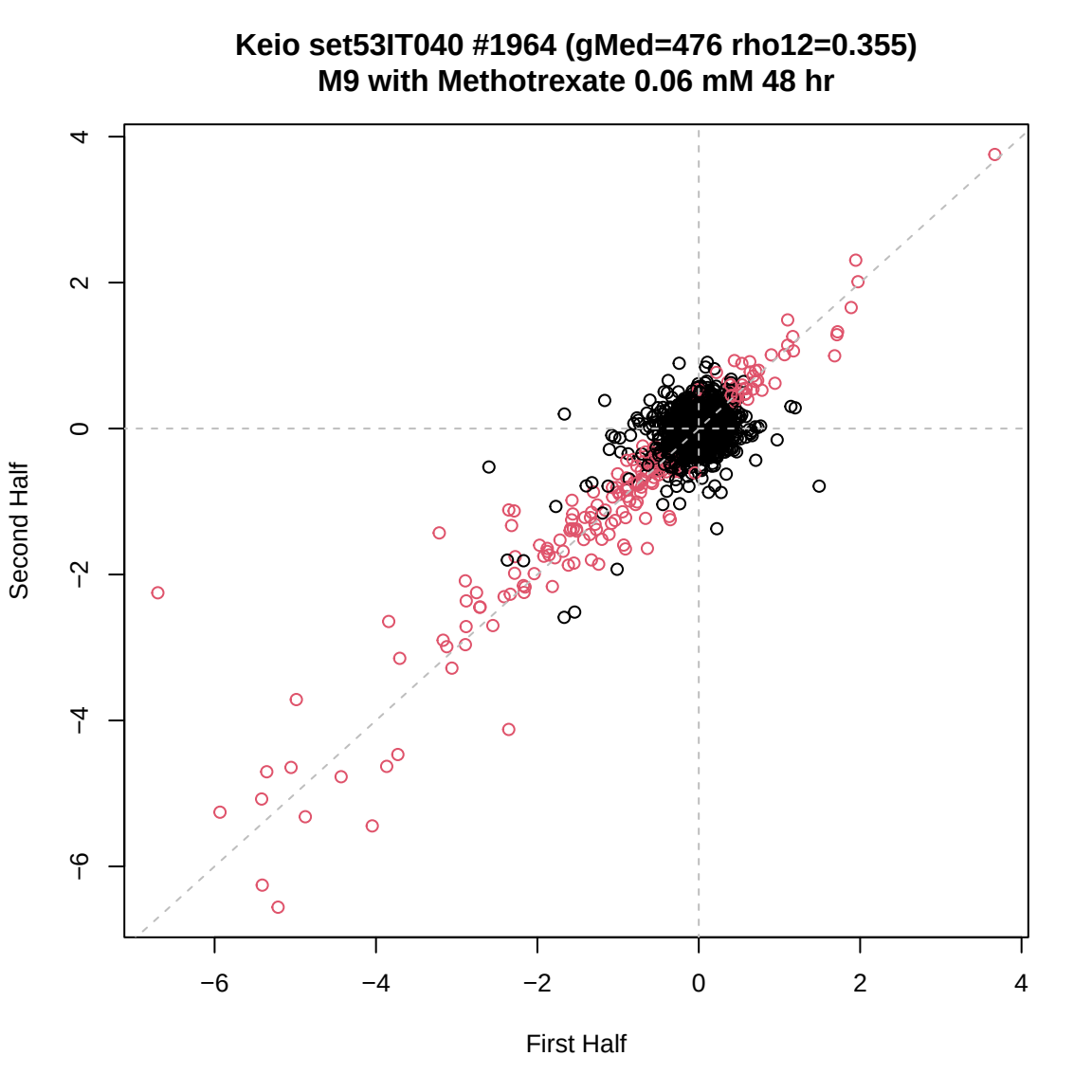

Keio set53IT034 #1959 (gMed=99 rho12=0.131)
M9 Aerobic with Capecitabine 13.914 mM 48 hr
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

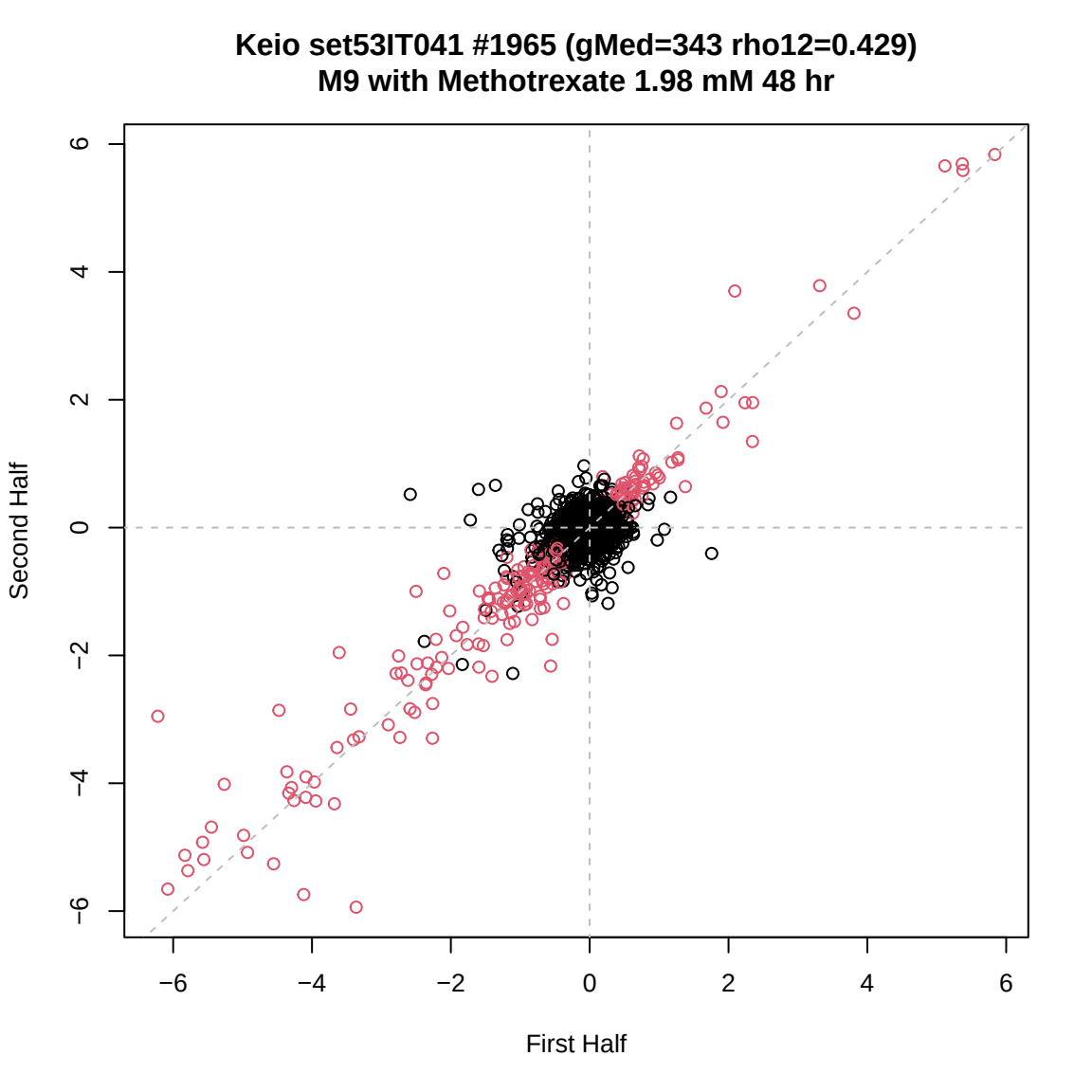

Keio set53IT035 #1960 (gMed=263 rho12=0.080)
M9 Anaerobic with Capecitabine 13.914 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

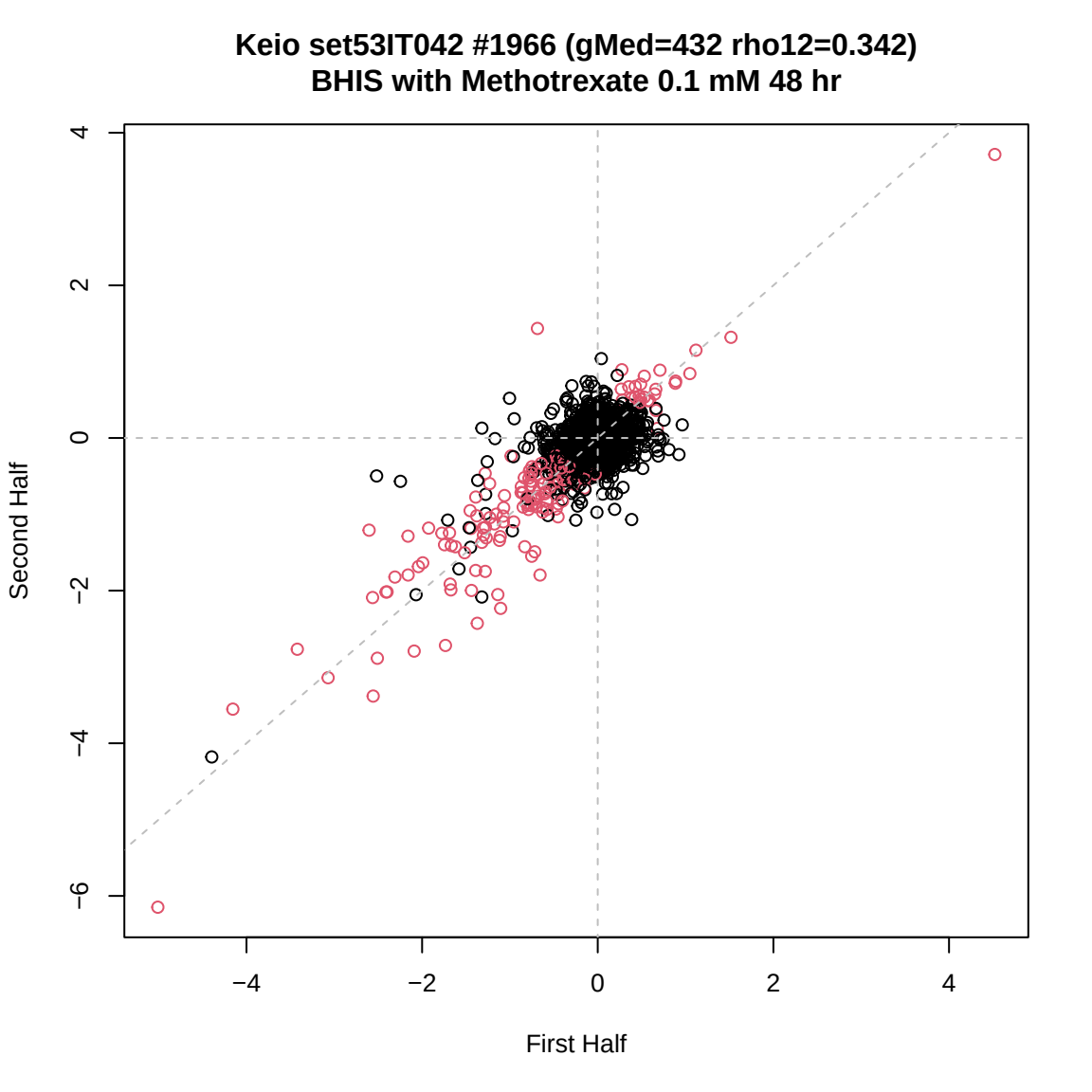

Keio set53IT037 #1961 (gMed=574 rho12=0.350)
M9 with Methotrexate 0.06 mM 24 hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

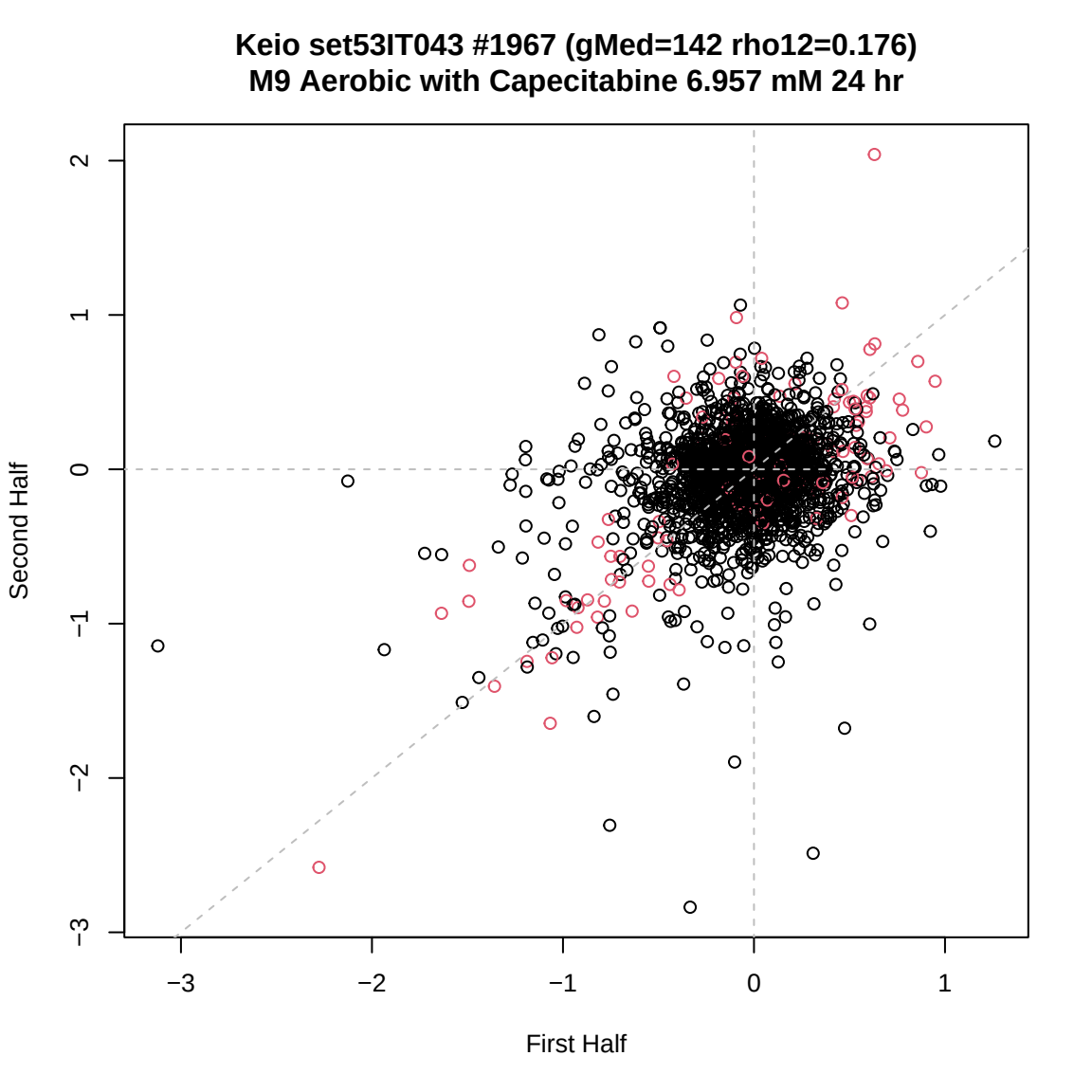

Keio set53IT038 #1962 (gMed=426 rho12=0.391)
M9 with Methotrexate 1.98 mM 24 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

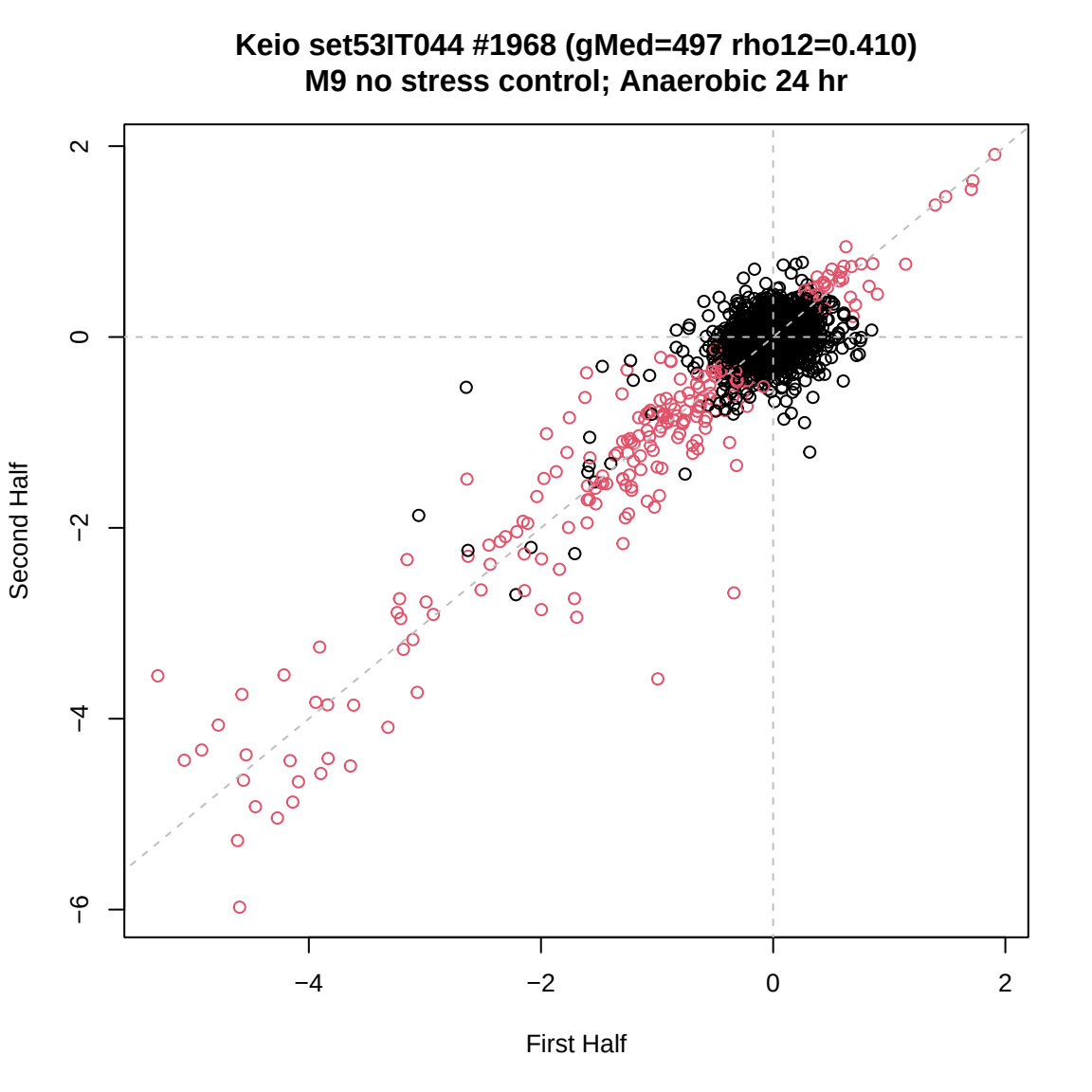

Keio set53IT039 #1963 (gMed=508 rho12=0.332)
BHIS with Methotrexate 0.1 mM 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

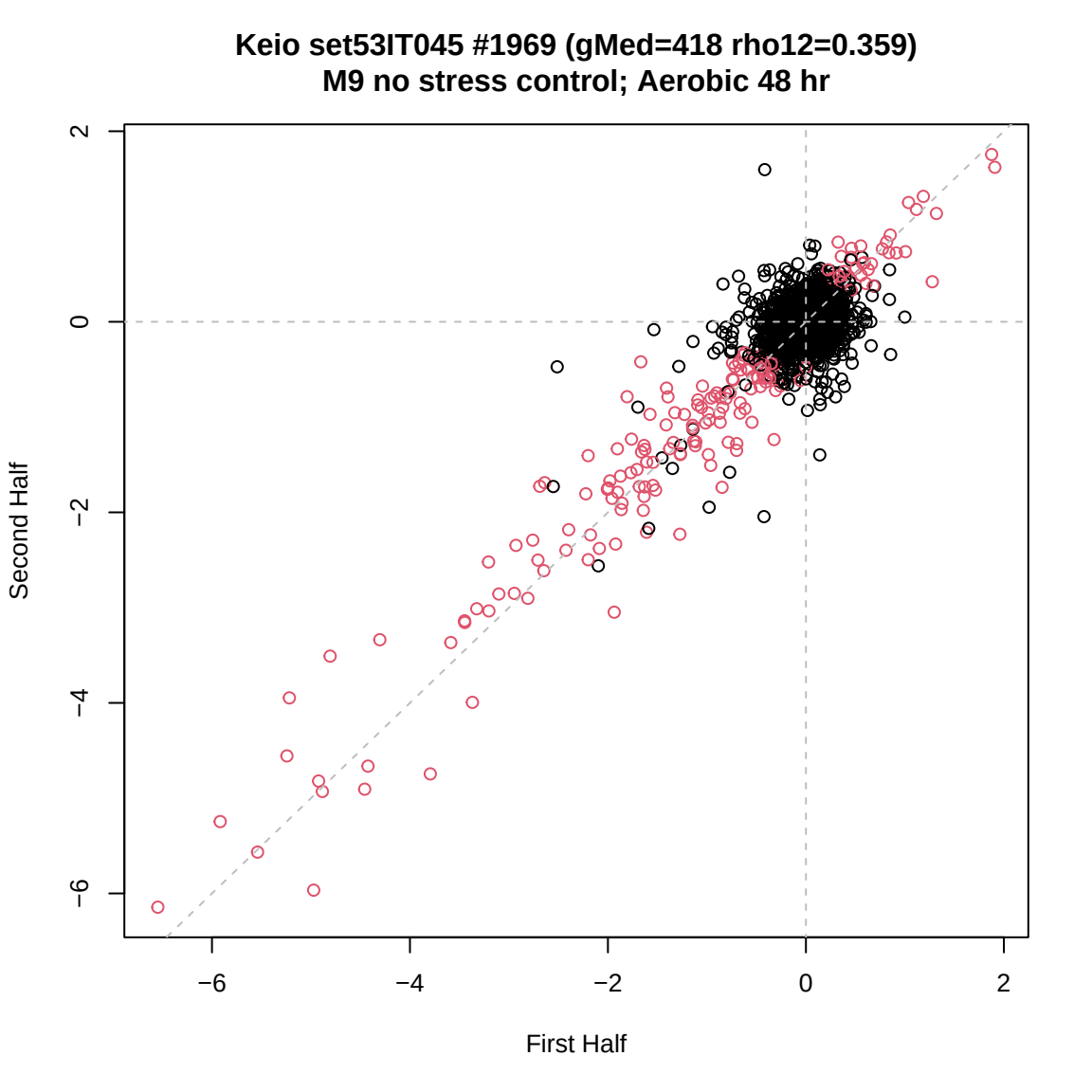

Keio set53IT040 #1964 (gMed=476 rho12=0.355)
M9 with Methotrexate 0.06 mM 48 hr
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

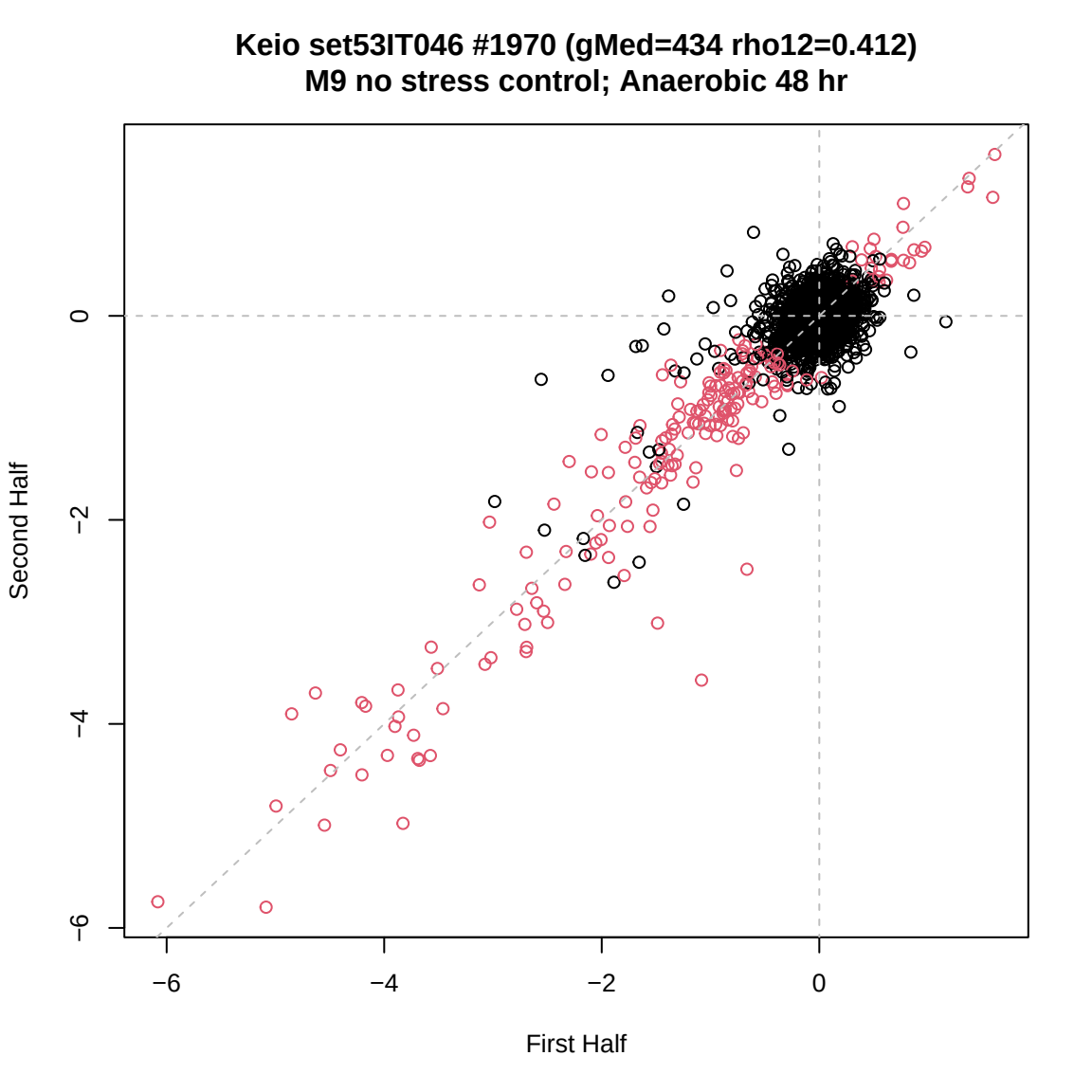

Keio set53IT041 #1965 (gMed=343 rho12=0.429)
M9 with Methotrexate 1.98 mM 48 hr
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

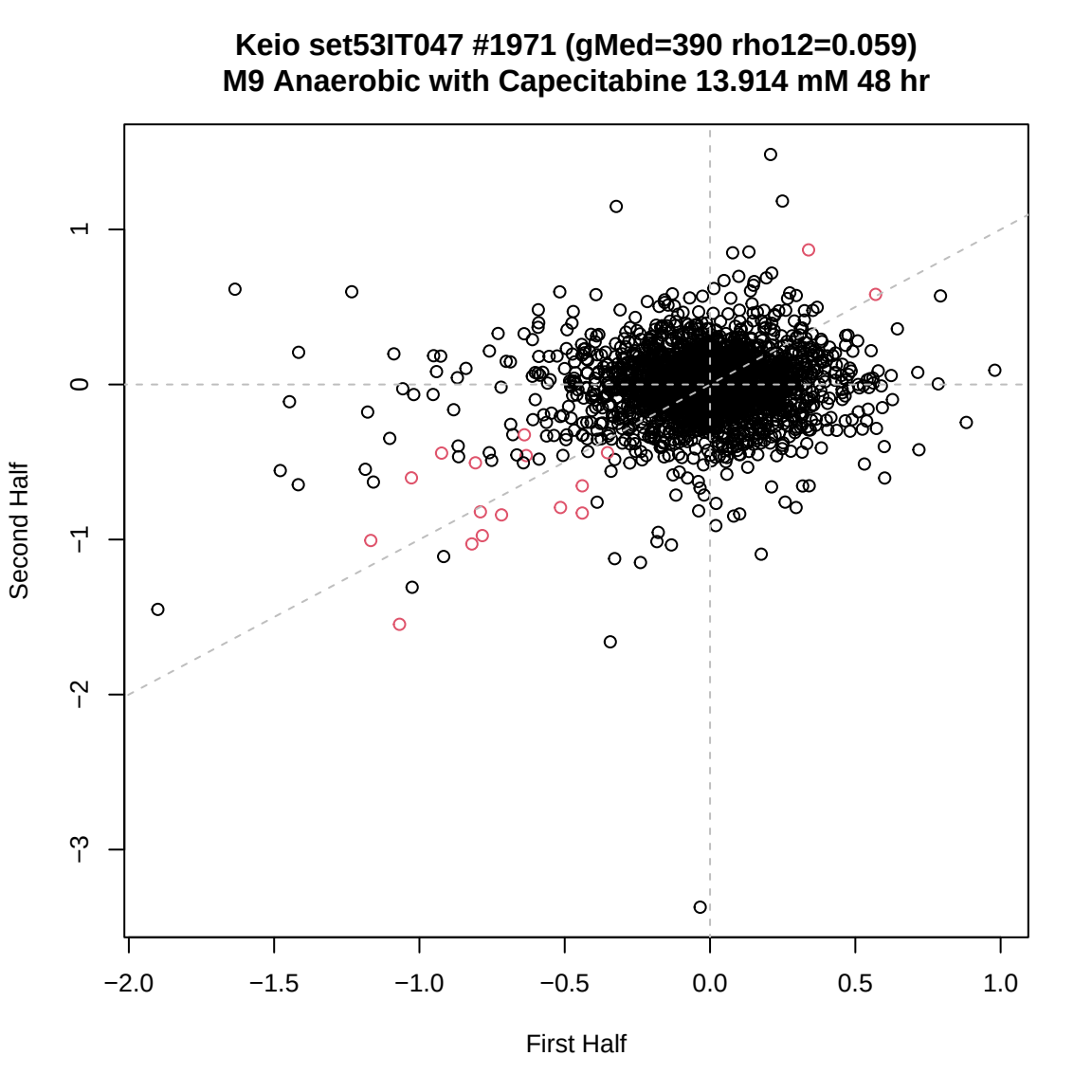

Keio set53IT042 #1966 (gMed=432 rho12=0.342)
BHIS with Methotrexate 0.1 mM 48 hr
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

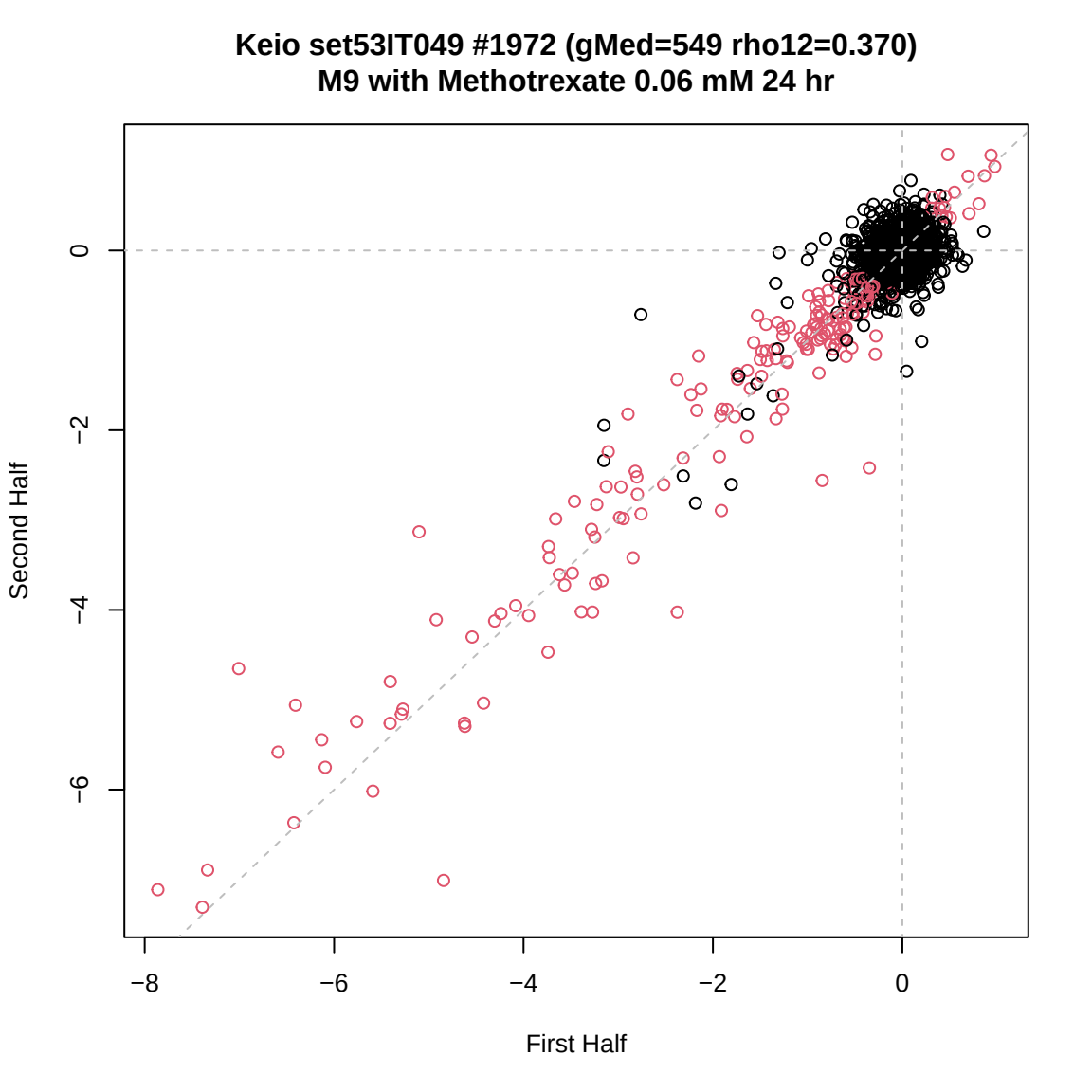

Keio set53IT043 #1967 (gMed=142 rho12=0.176)
M9 Aerobic with Capecitabine 6.957 mM 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1

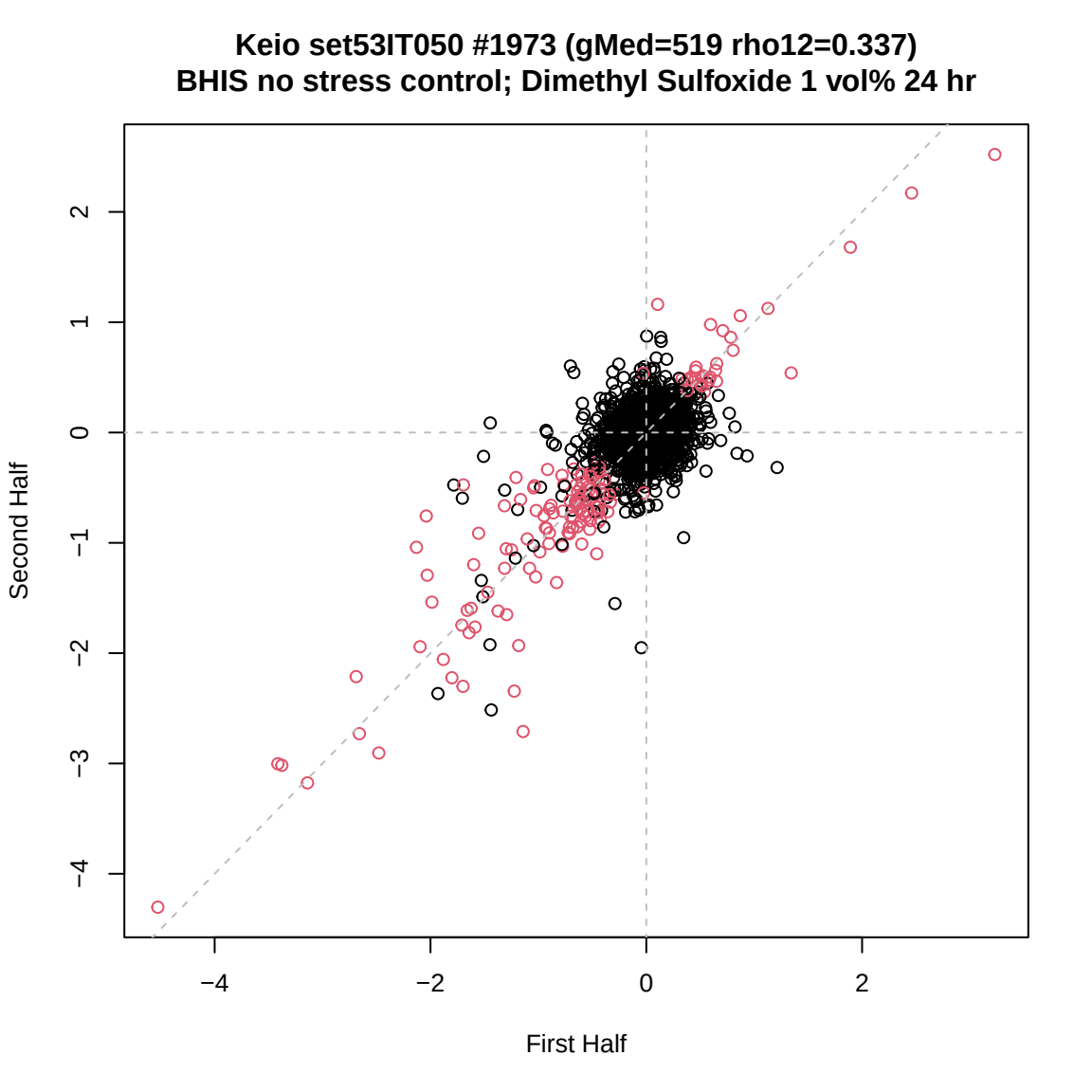

Keio set53IT044 #1968 (gMed=497 rho12=0.410)
M9 no stress control; Anaerobic 24 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

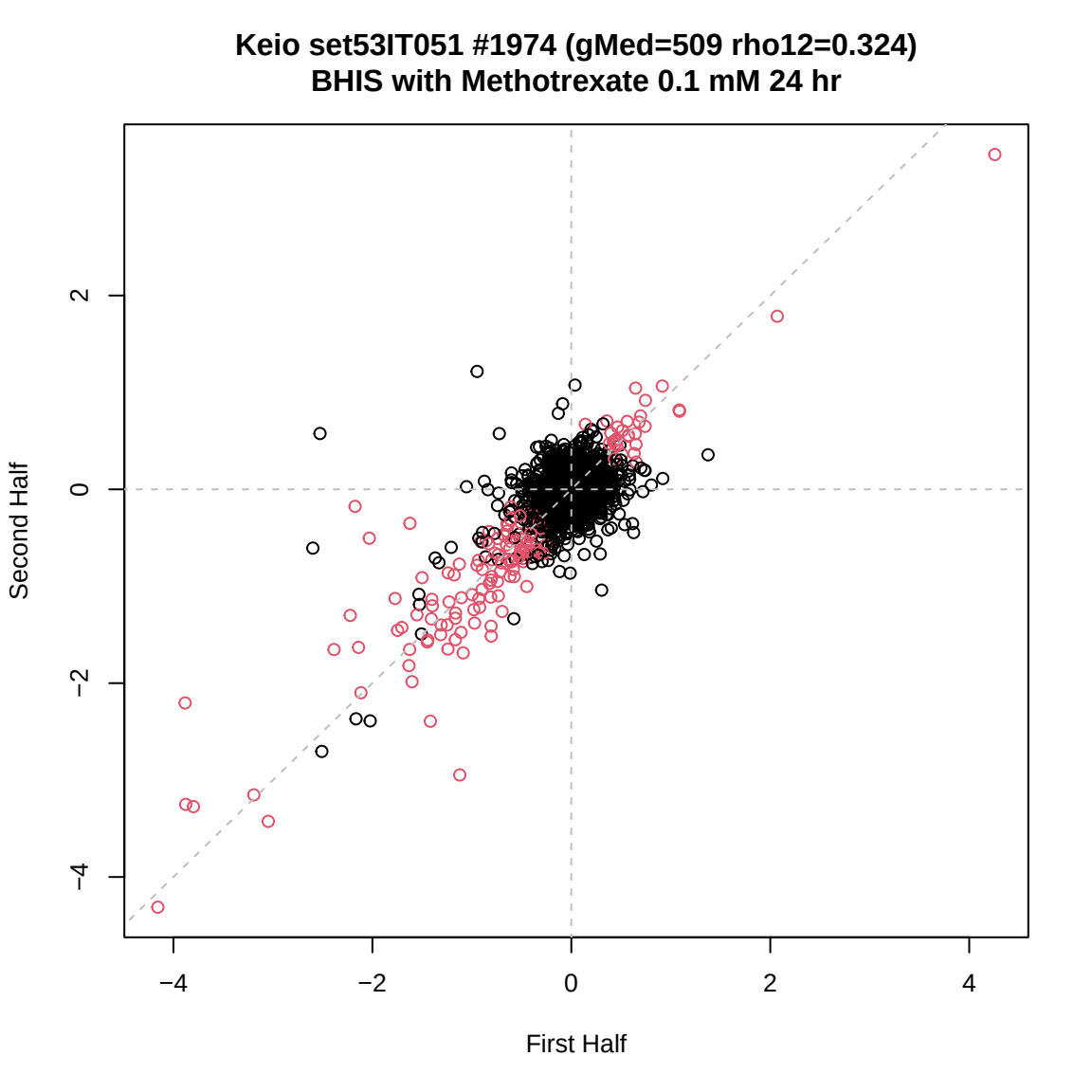

Keio set53IT045 #1969 (gMed=418 rho12=0.359)
M9 no stress control; Aerobic 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

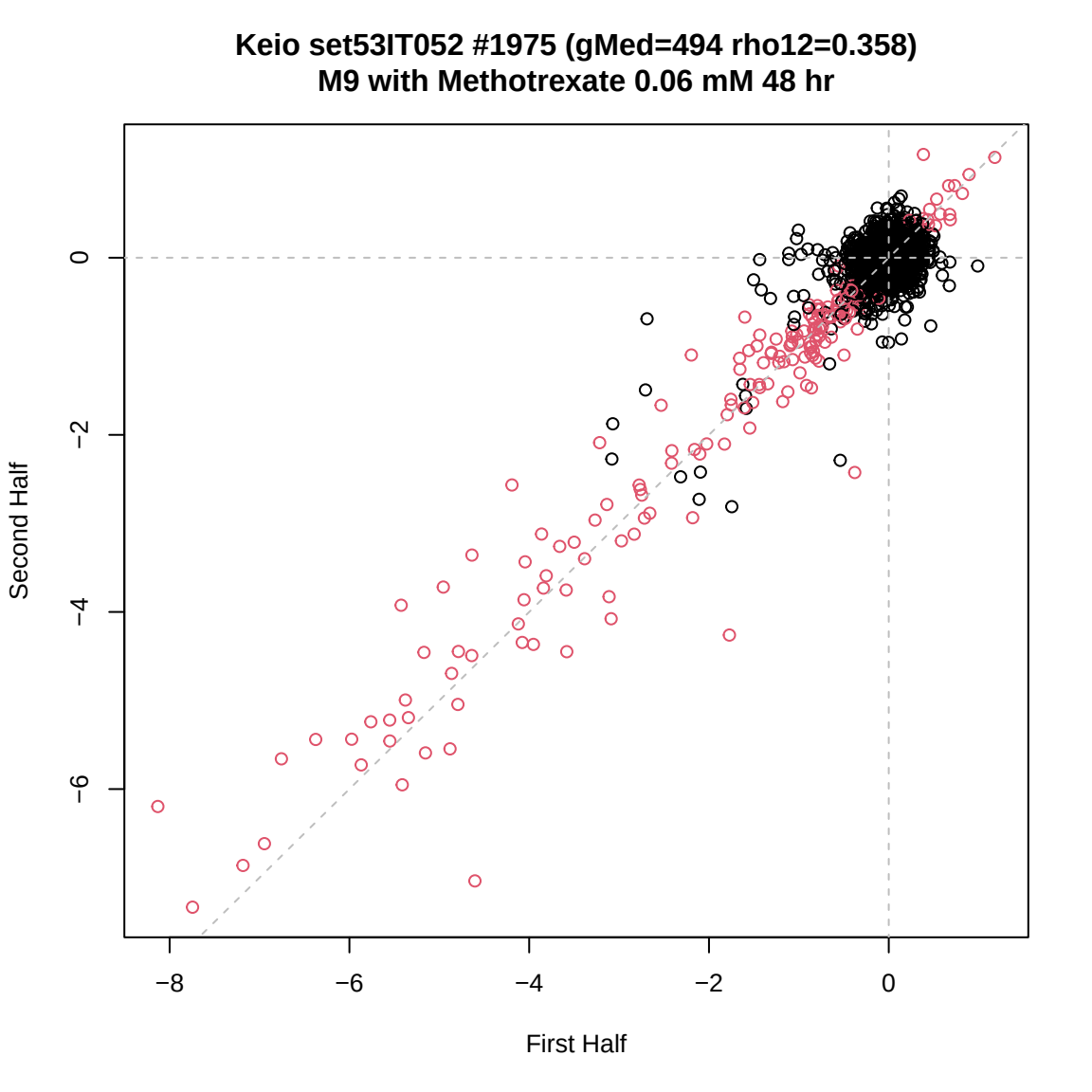

Keio set53IT046 #1970 (gMed=434 rho12=0.412)
M9 no stress control; Anaerobic 48 hr
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

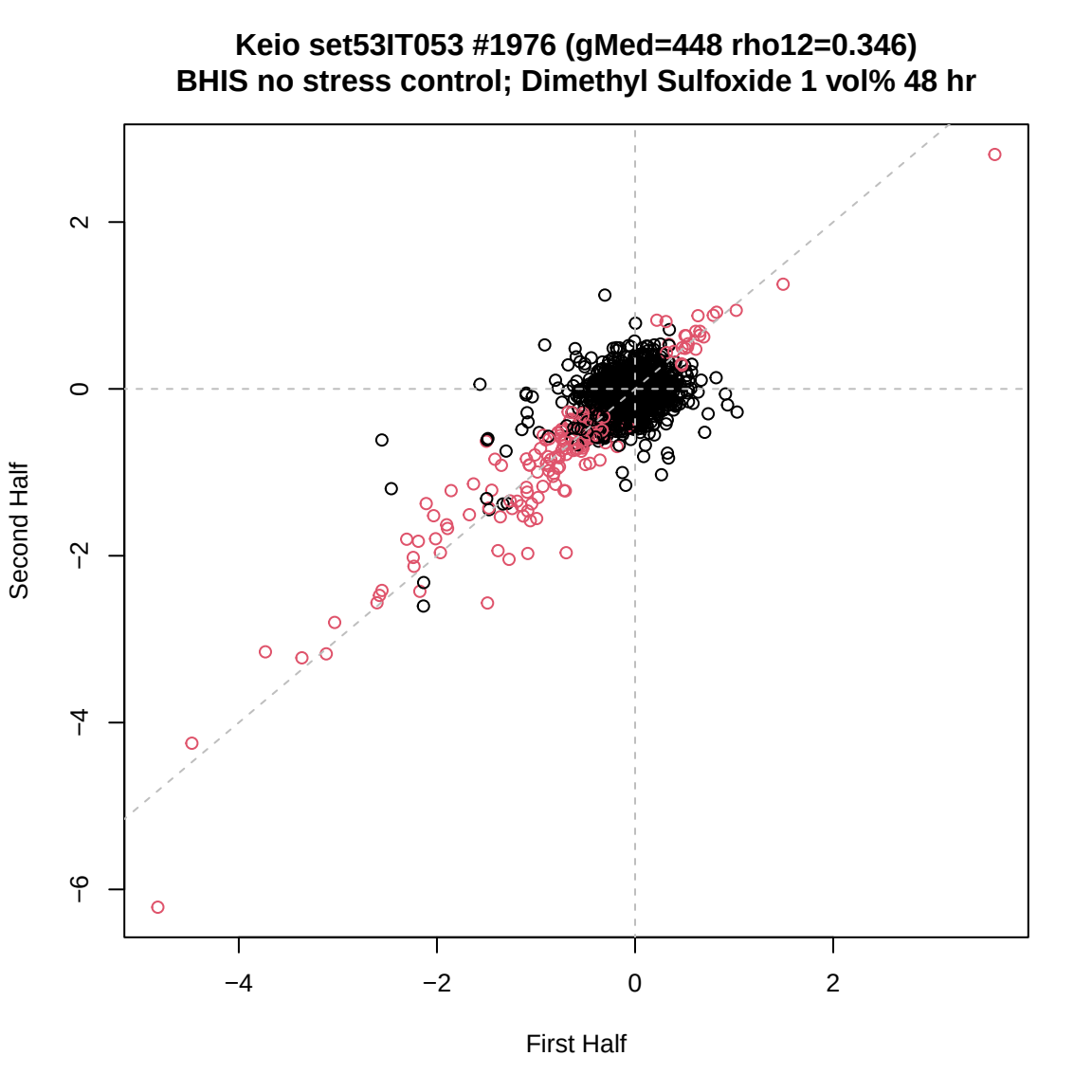

Keio set53IT047 #1971 (gMed=390 rho12=0.059)
M9 Anaerobic with Capecitabine 13.914 mM 48 hr
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

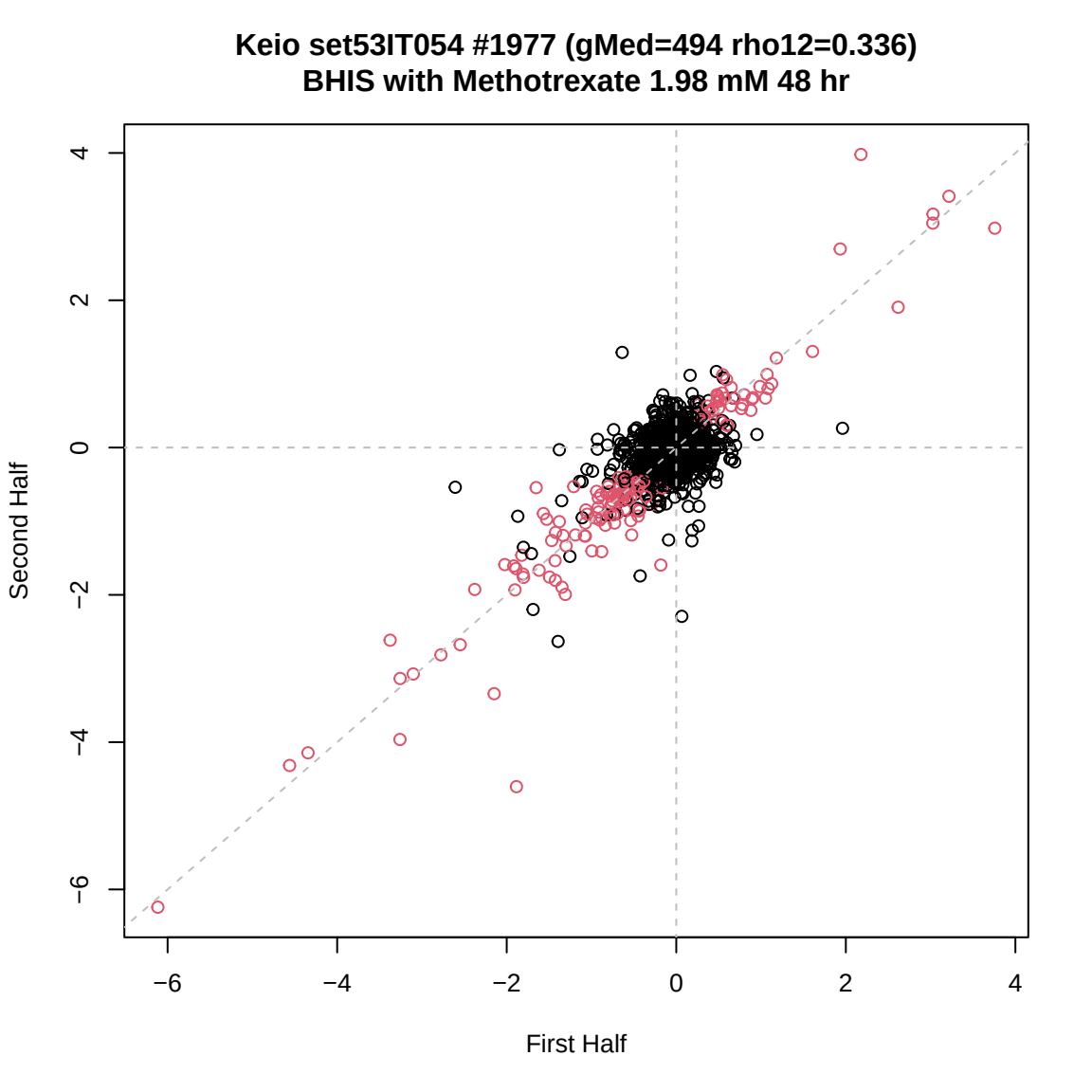

Keio set53IT049 #1972 (gMed=549 rho12=0.370)
M9 with Methotrexate 0.06 mM 24 hr
Second Half
First Half
0
−2
−4
−6
−8

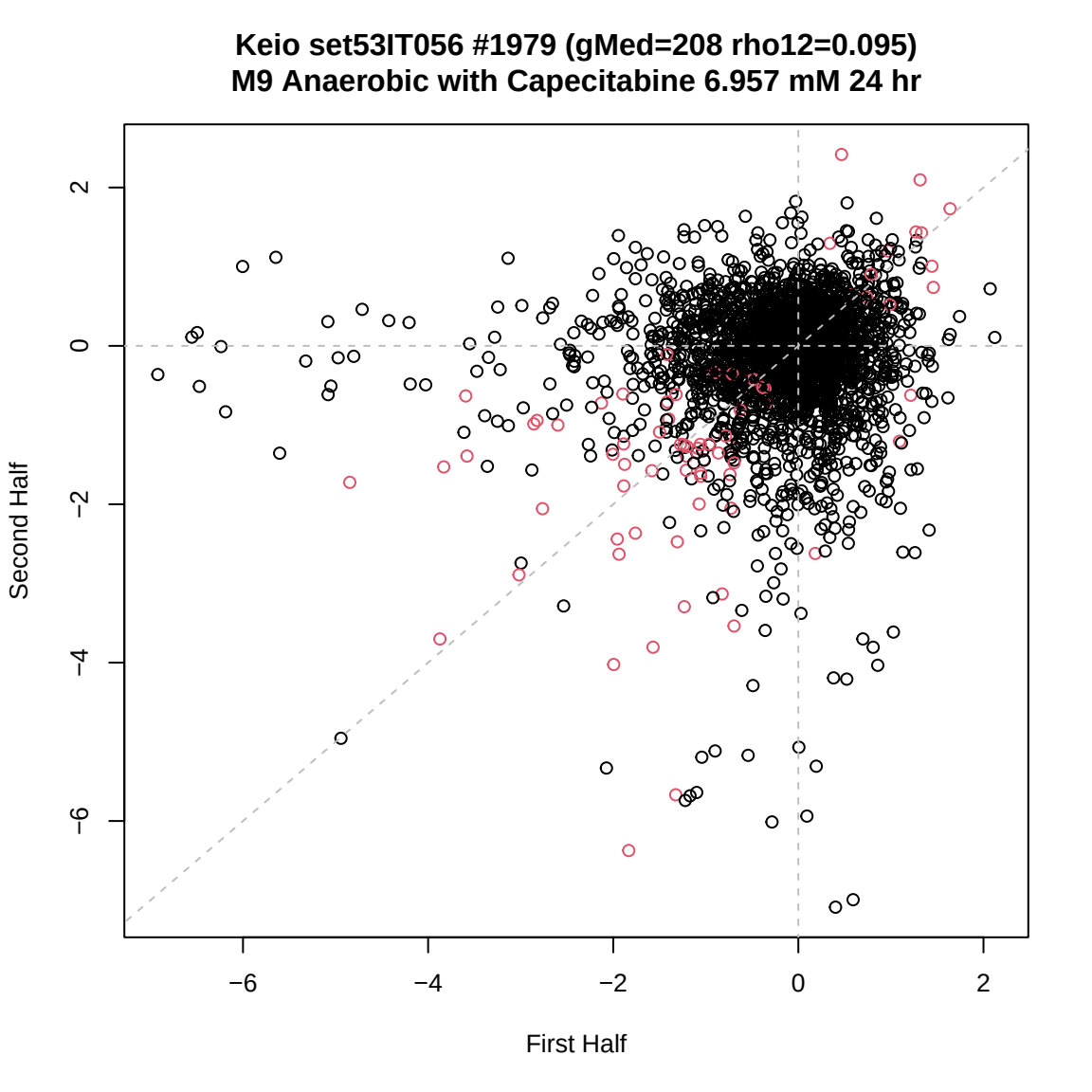

Keio set53IT050 #1973 (gMed=519 rho12=0.337)
BHIS no stress control; Dimethyl Sulfoxide 1 vol% 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

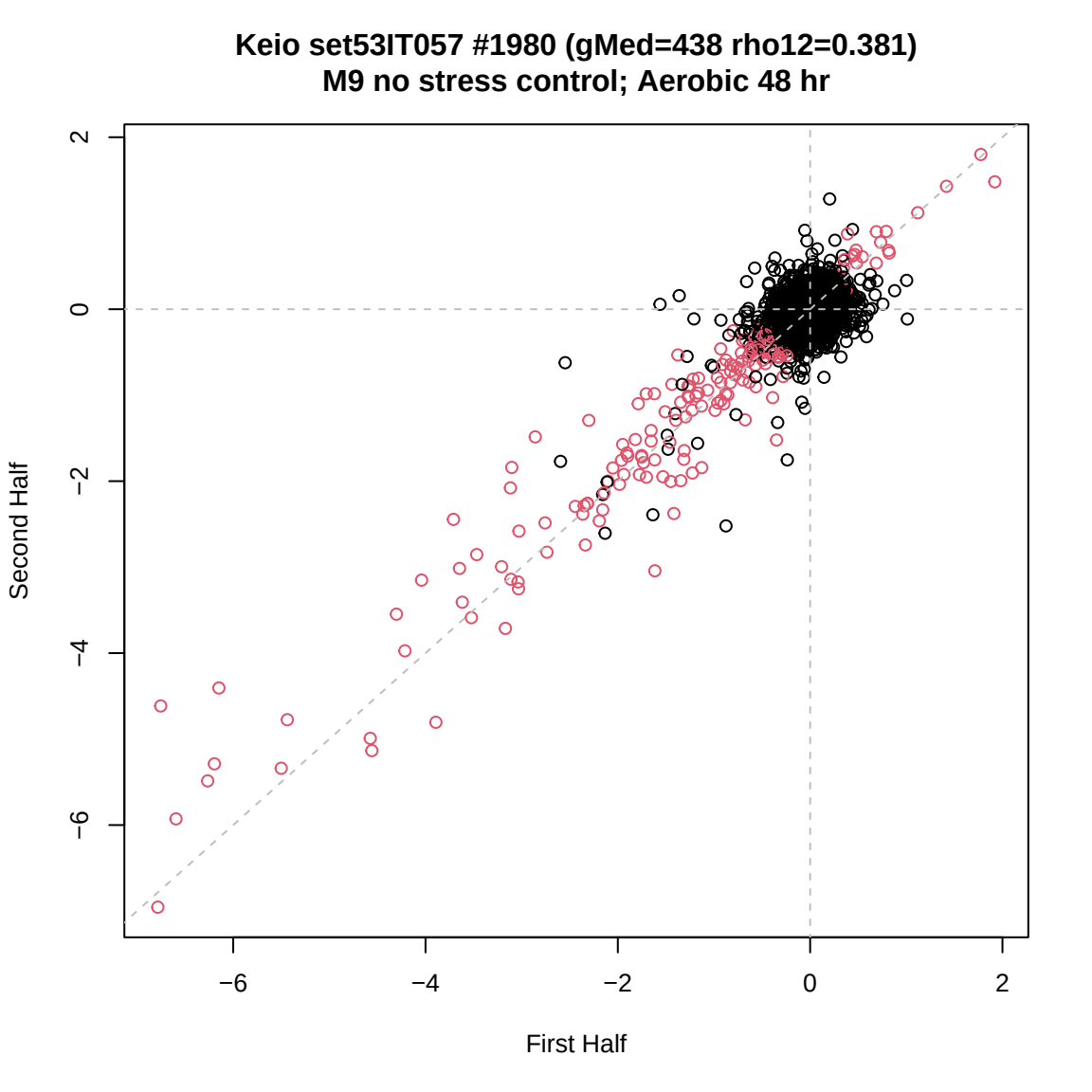

Keio set53IT051 #1974 (gMed=509 rho12=0.324)
BHIS with Methotrexate 0.1 mM 24 hr
Second Half
First Half
−4
−2
0
2
4

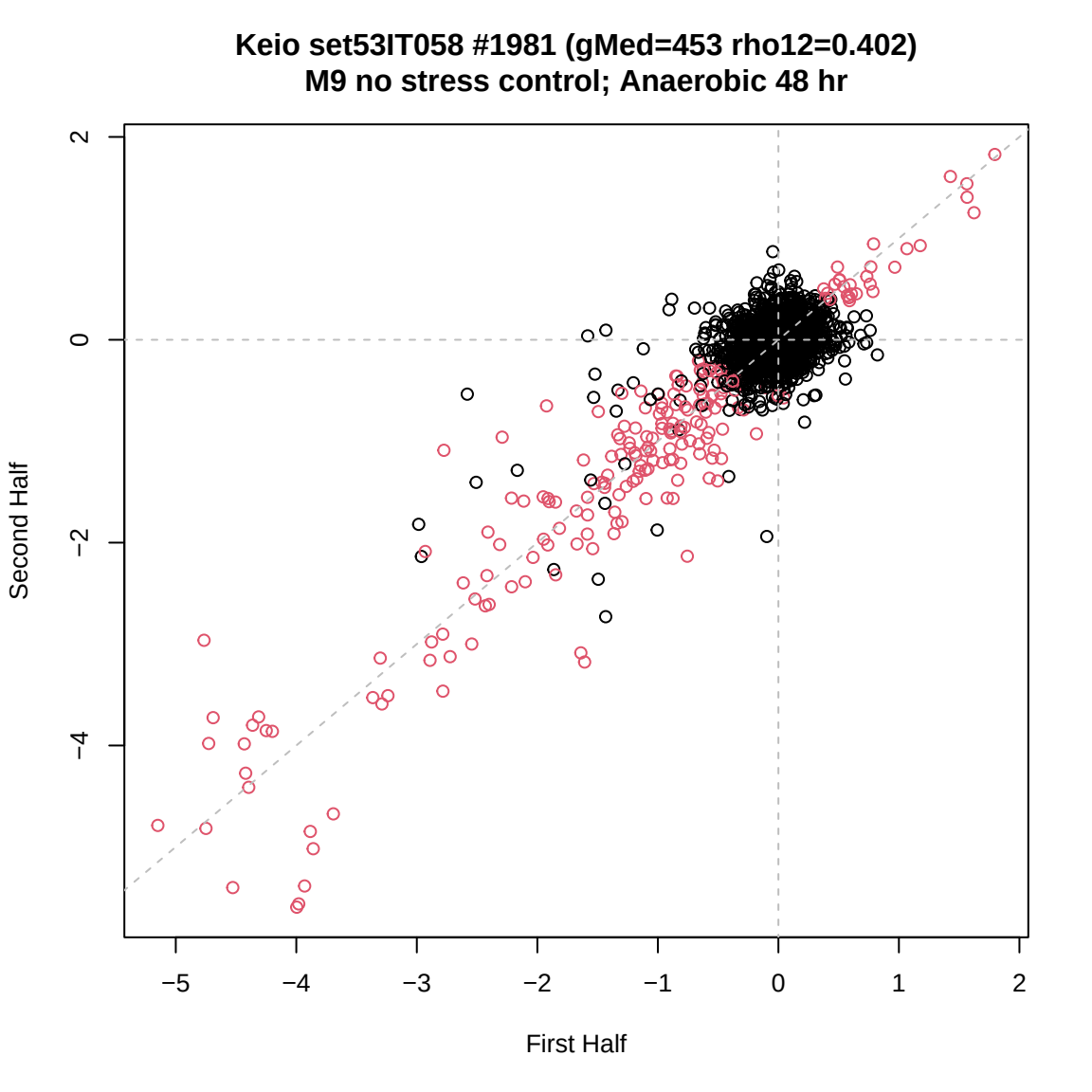

Keio set53IT052 #1975 (gMed=494 rho12=0.358)
M9 with Methotrexate 0.06 mM 48 hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

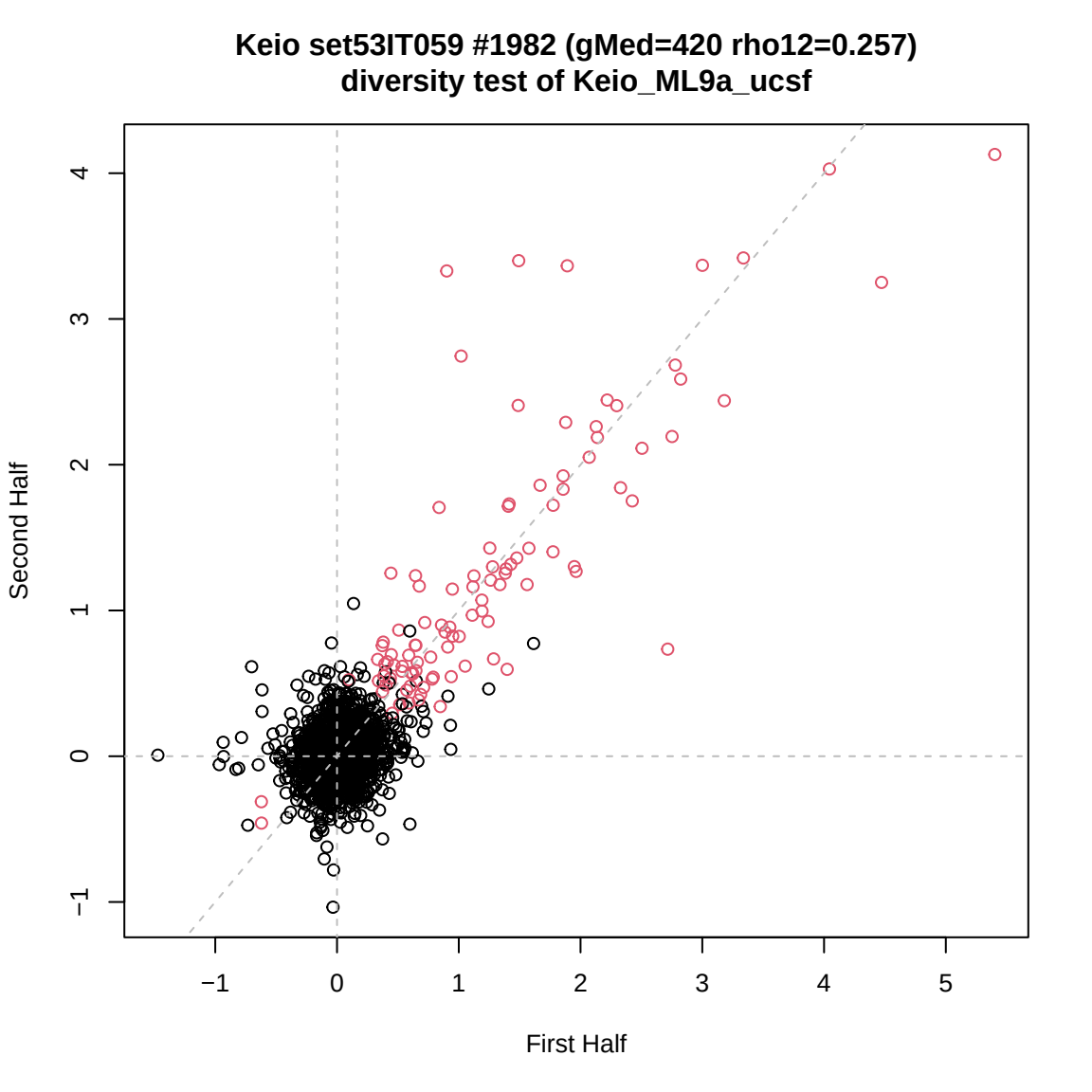

Keio set53IT053 #1976 (gMed=448 rho12=0.346)
BHIS no stress control; Dimethyl Sulfoxide 1 vol% 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

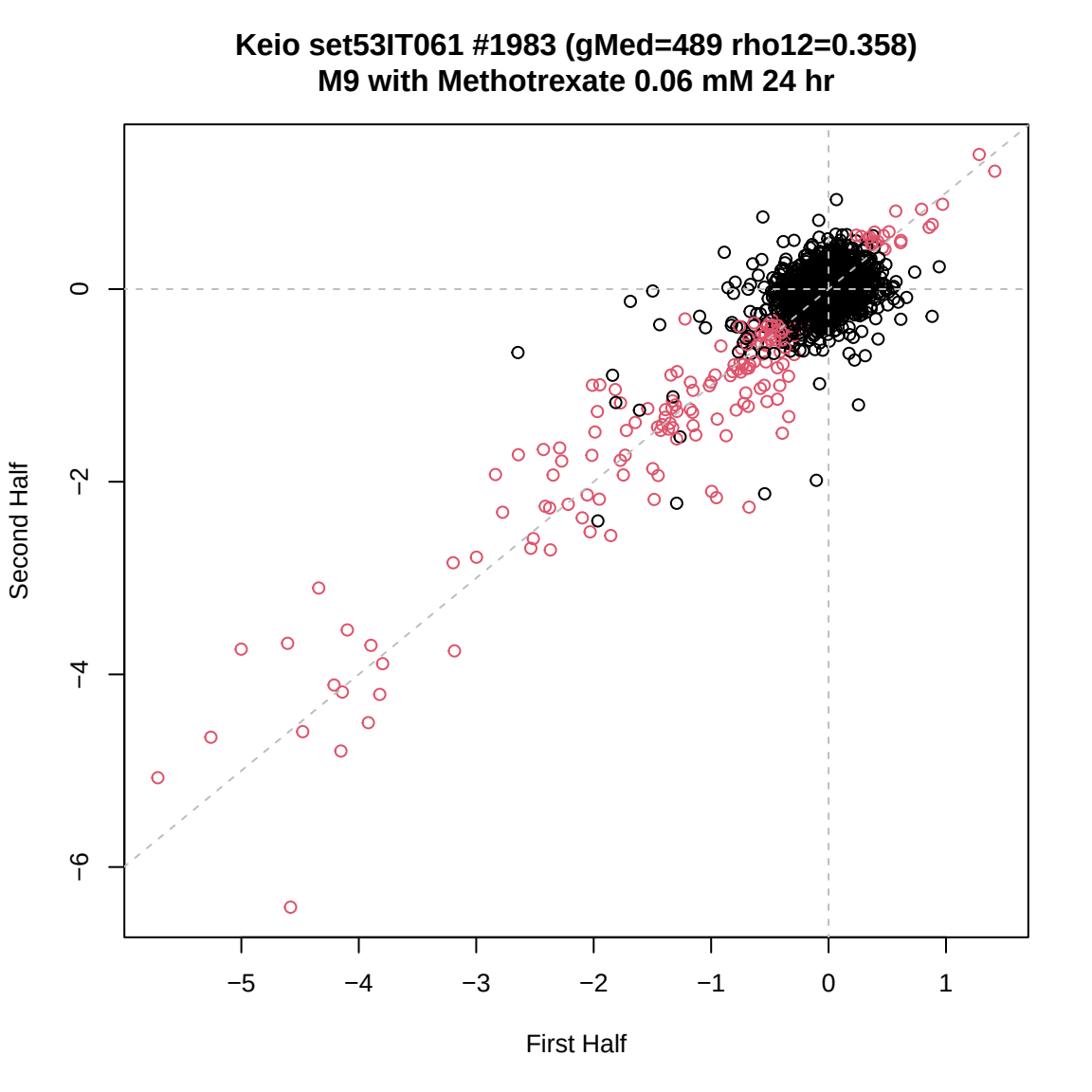

Keio set53IT054 #1977 (gMed=494 rho12=0.336)
BHIS with Methotrexate 1.98 mM 48 hr
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

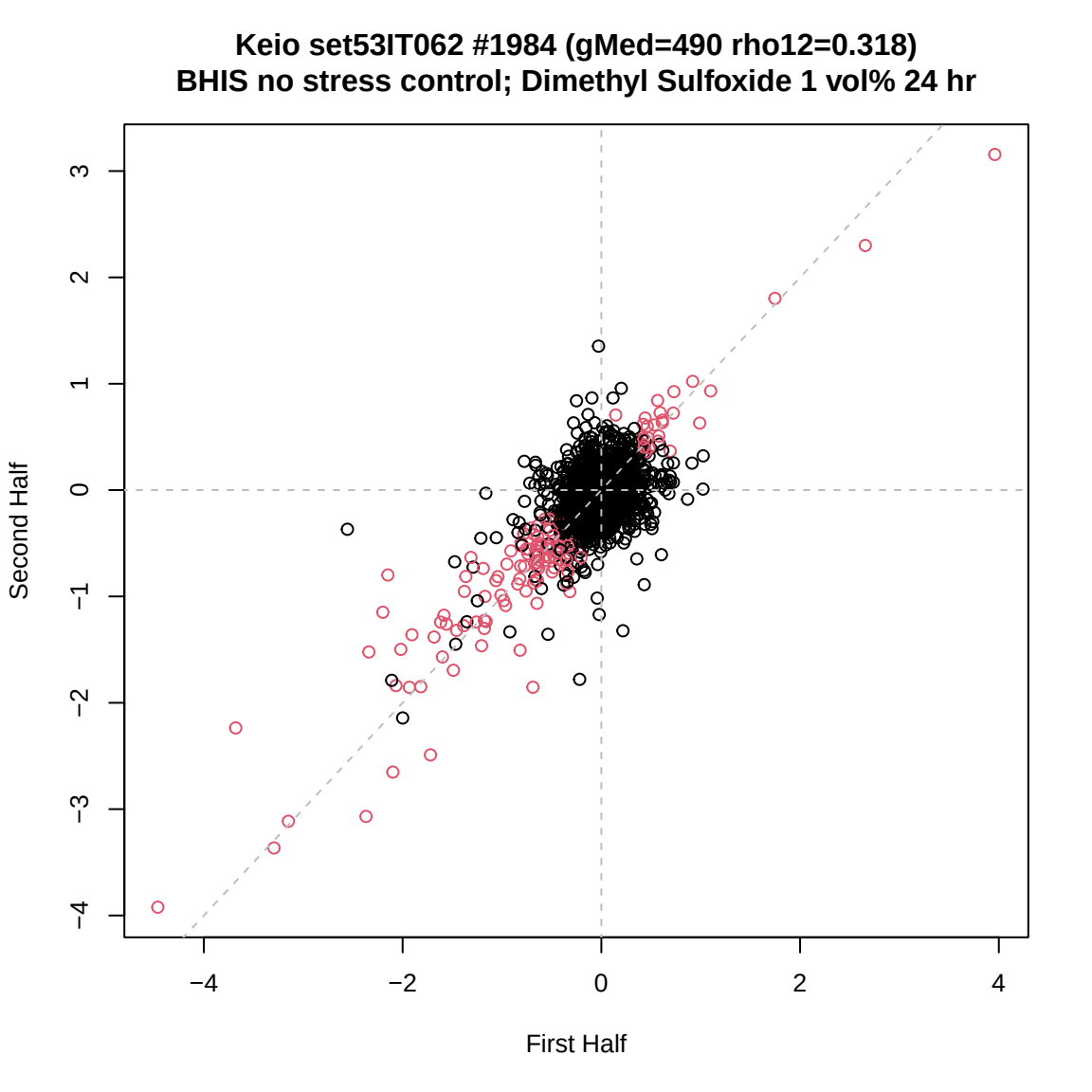

Keio set53IT056 #1979 (gMed=208 rho12=0.095)
M9 Anaerobic with Capecitabine 6.957 mM 24 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

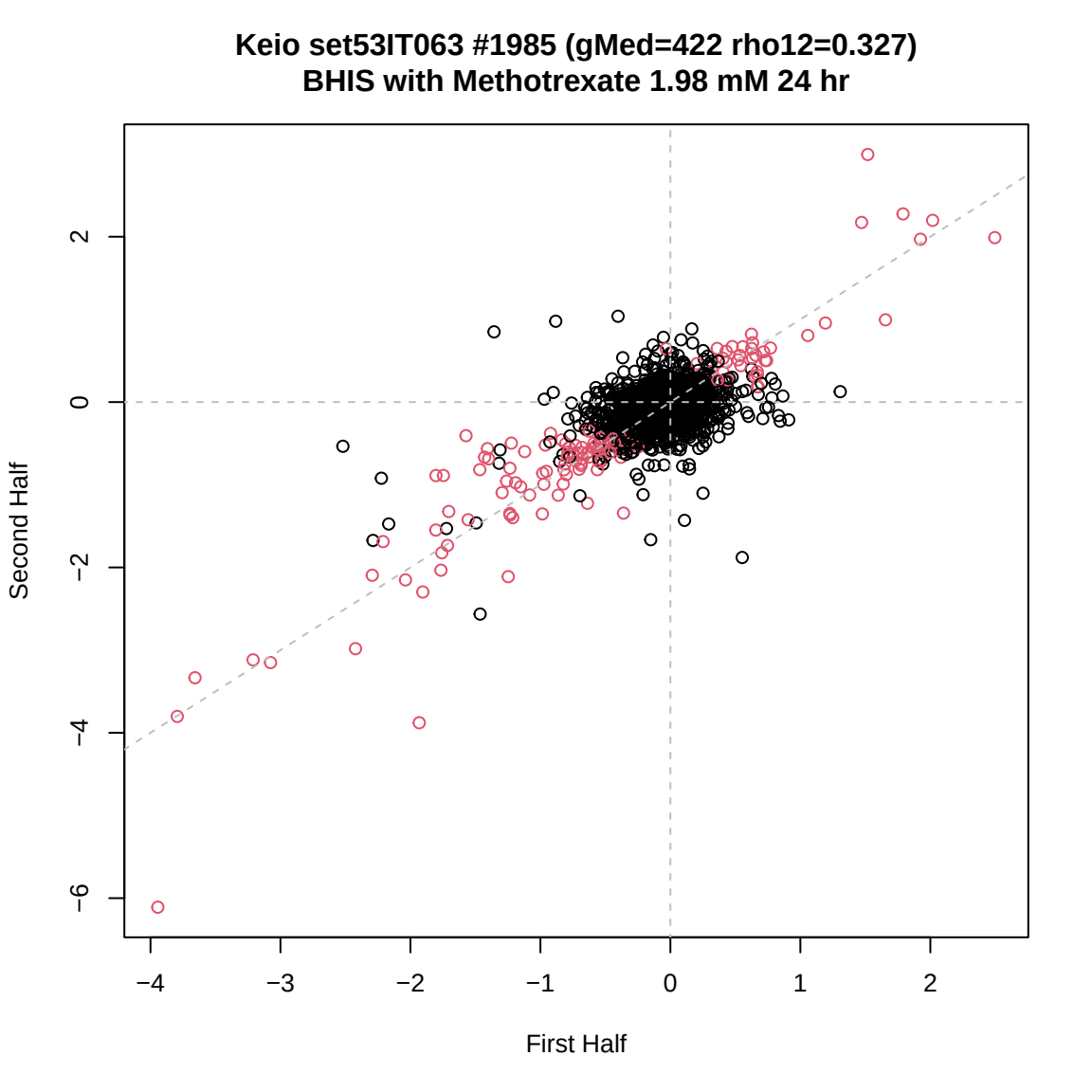

Keio set53IT057 #1980 (gMed=438 rho12=0.381)
M9 no stress control; Aerobic 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

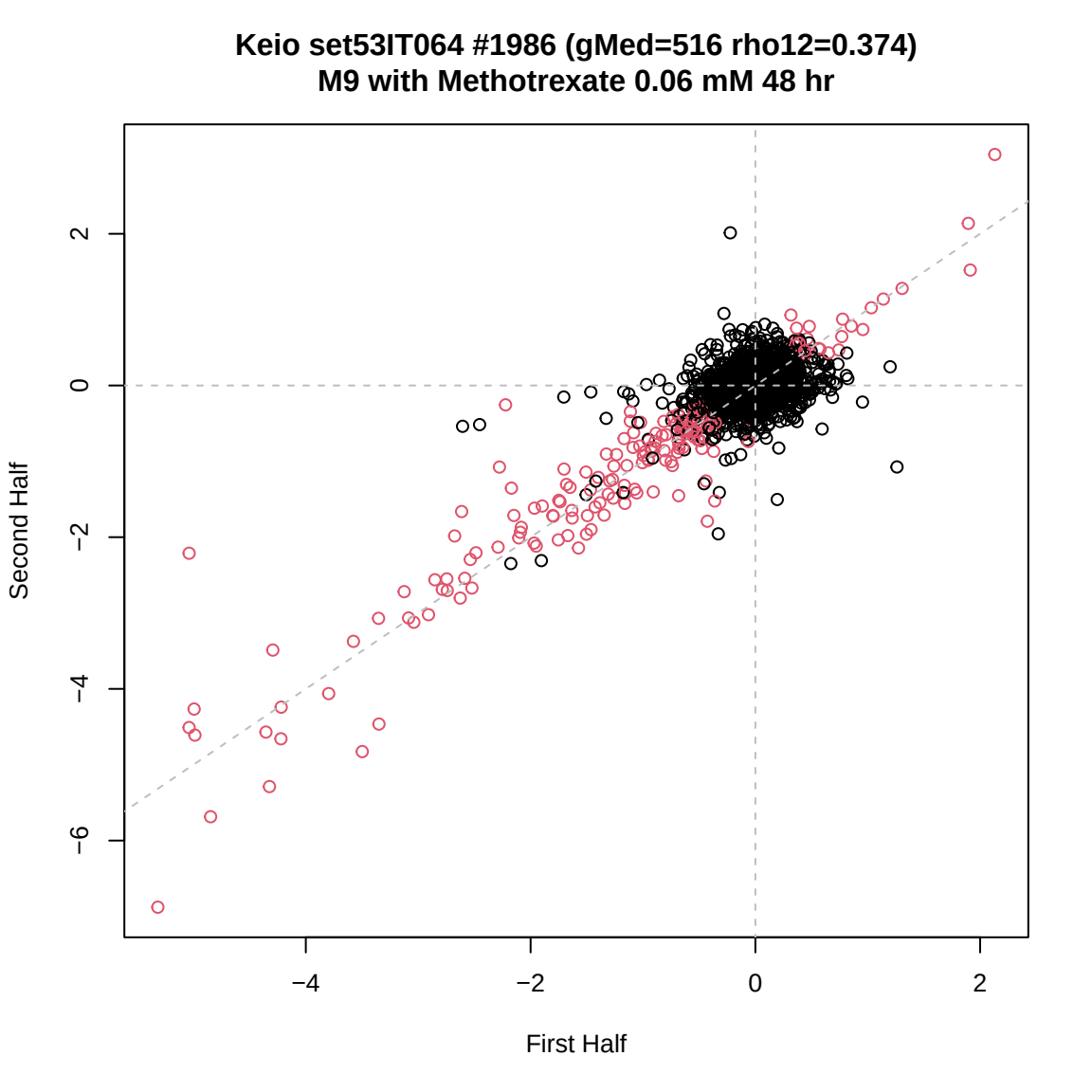

Keio set53IT058 #1981 (gMed=453 rho12=0.402)
M9 no stress control; Anaerobic 48 hr
Second Half
First Half
2
0
−2
−4
−5
−4
−3
−2
−1
0
1
2

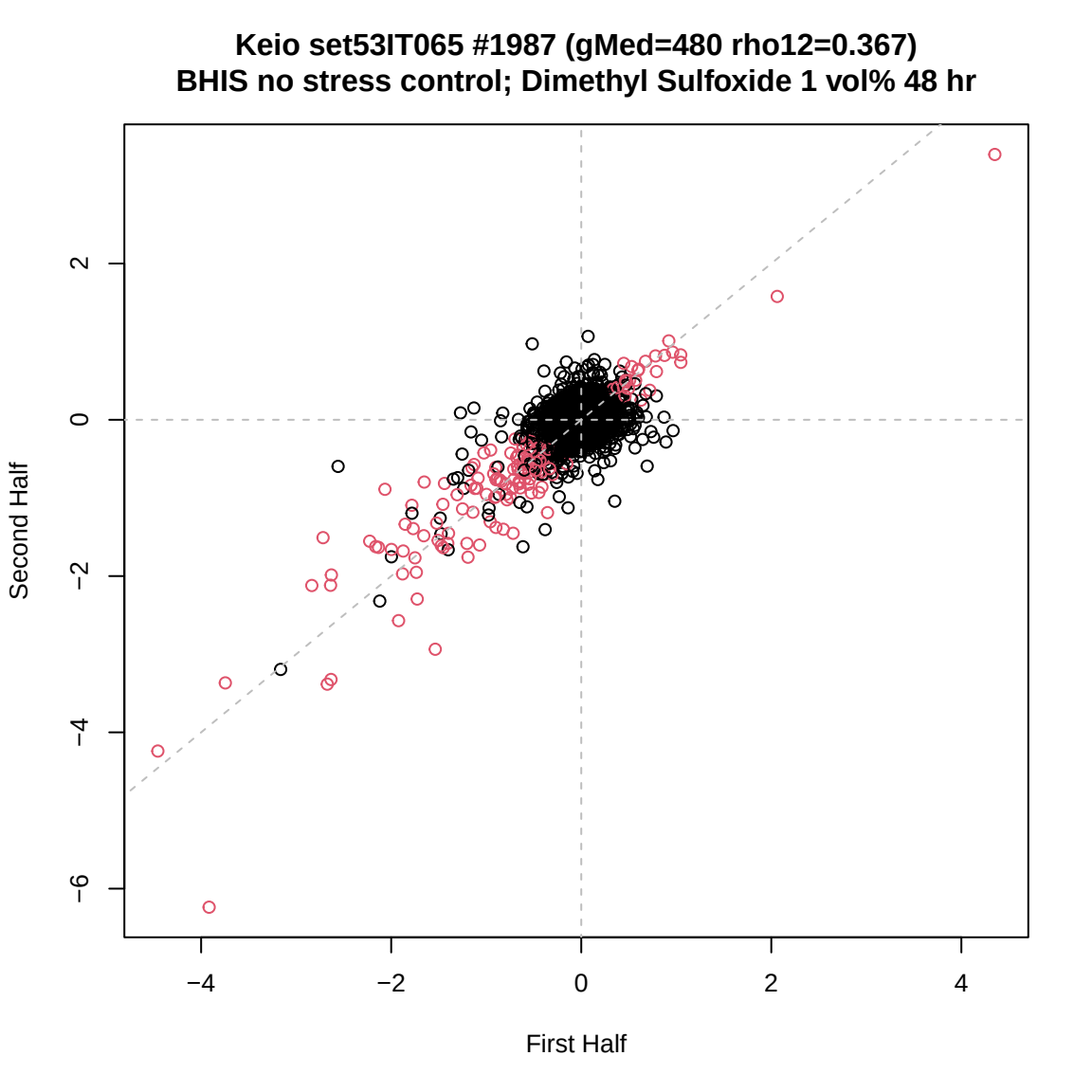

Keio set53IT059 #1982 (gMed=420 rho12=0.257)
diversity test of Keio_ML9a_ucsf
Second Half
First Half
−1
0
1
2
3
4
5

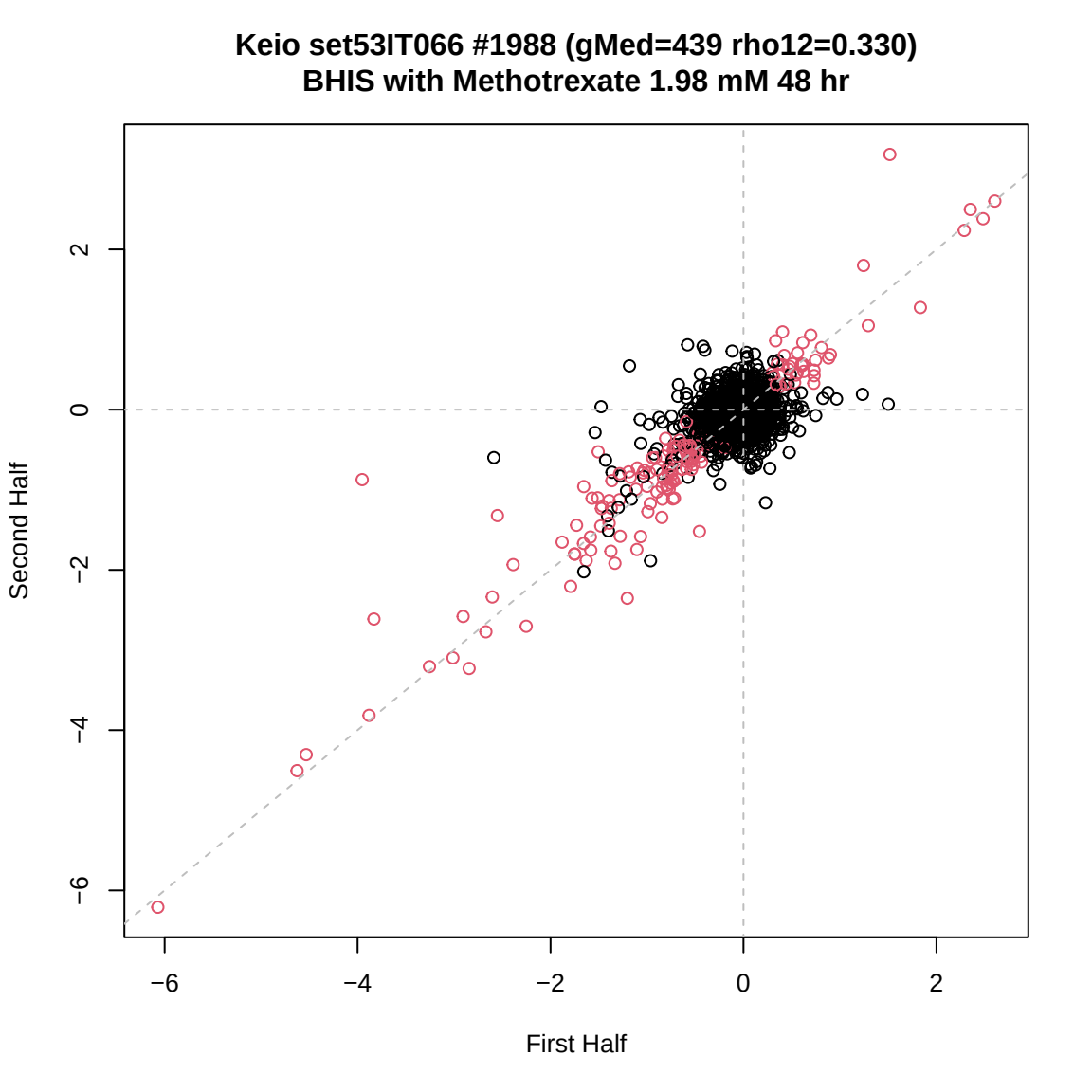

Keio set53IT061 #1983 (gMed=489 rho12=0.358)
M9 with Methotrexate 0.06 mM 24 hr
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

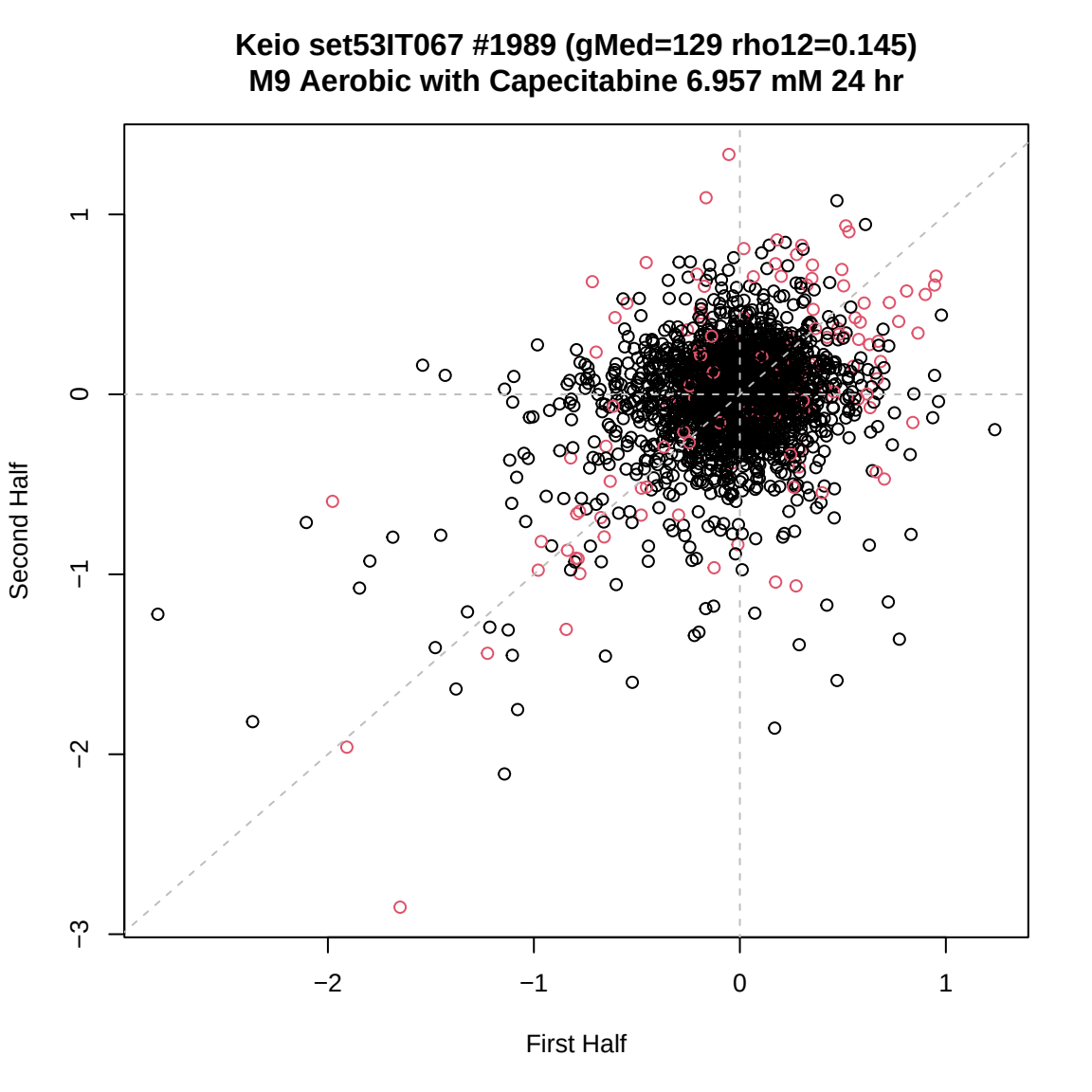

Keio set53IT062 #1984 (gMed=490 rho12=0.318)
BHIS no stress control; Dimethyl Sulfoxide 1 vol% 24 hr
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−2
0
2
4

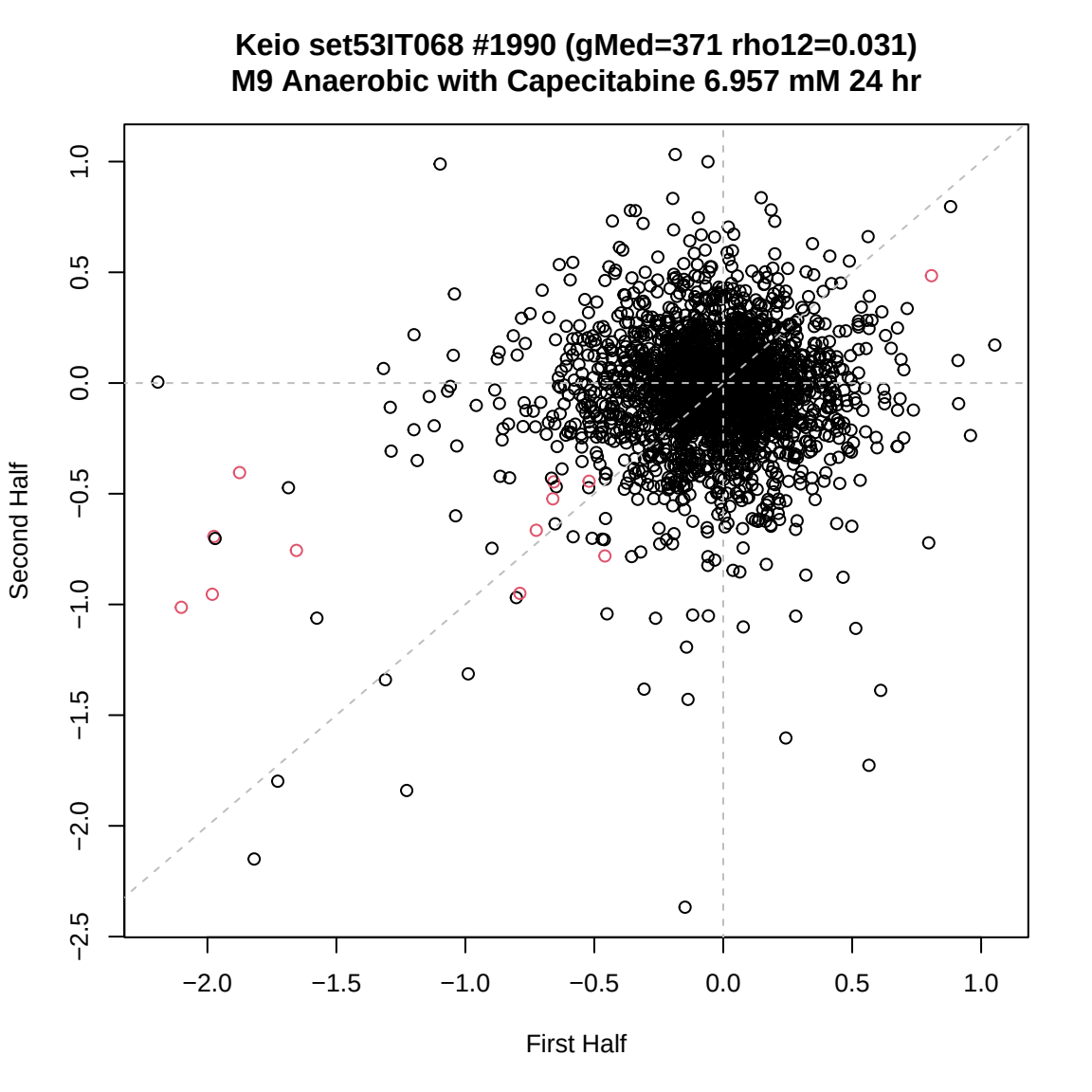

Keio set53IT063 #1985 (gMed=422 rho12=0.327)
BHIS with Methotrexate 1.98 mM 24 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−3
−2
−1
0
1
2

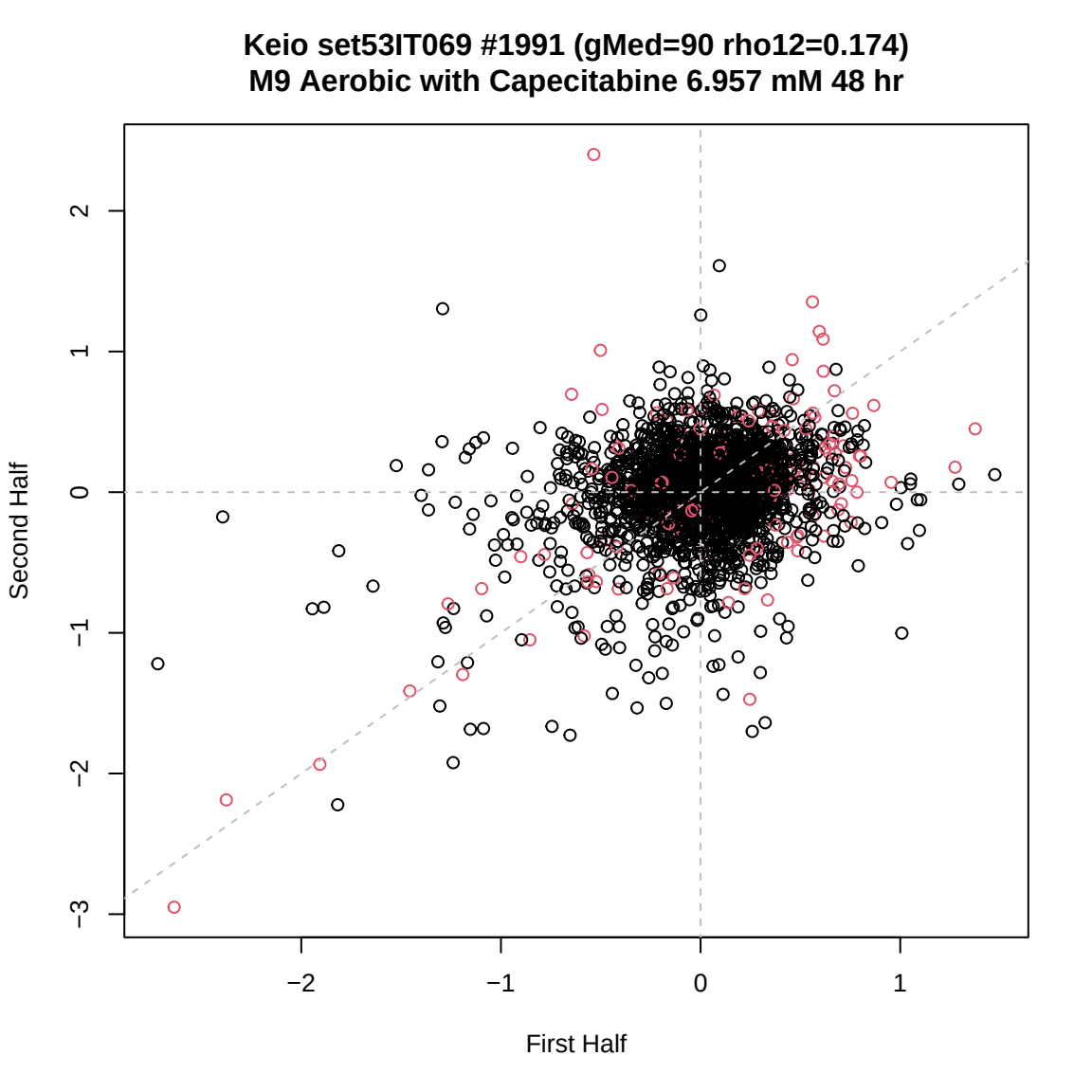

Keio set53IT064 #1986 (gMed=516 rho12=0.374)
M9 with Methotrexate 0.06 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

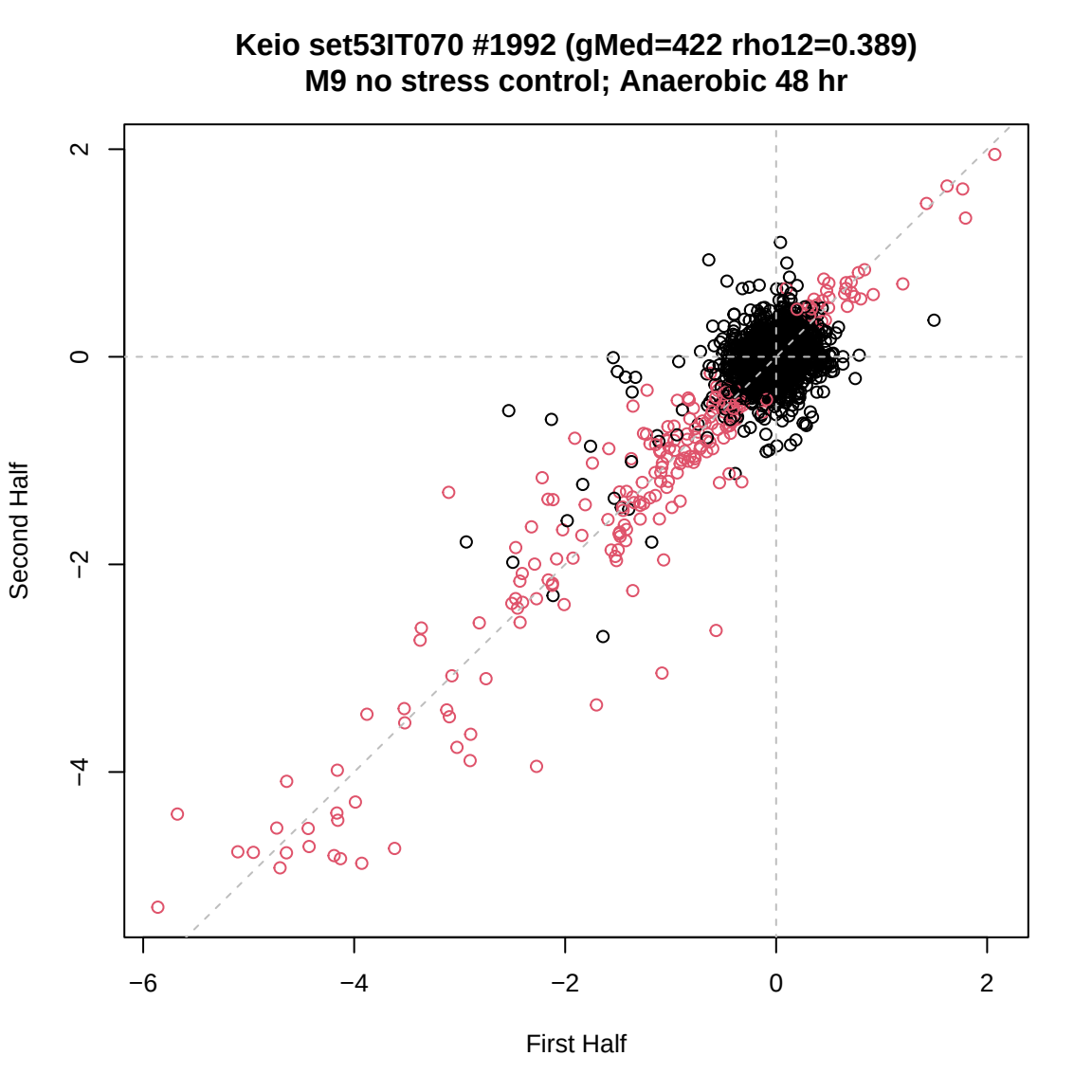

Keio set53IT065 #1987 (gMed=480 rho12=0.367)
BHIS no stress control; Dimethyl Sulfoxide 1 vol% 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2
4

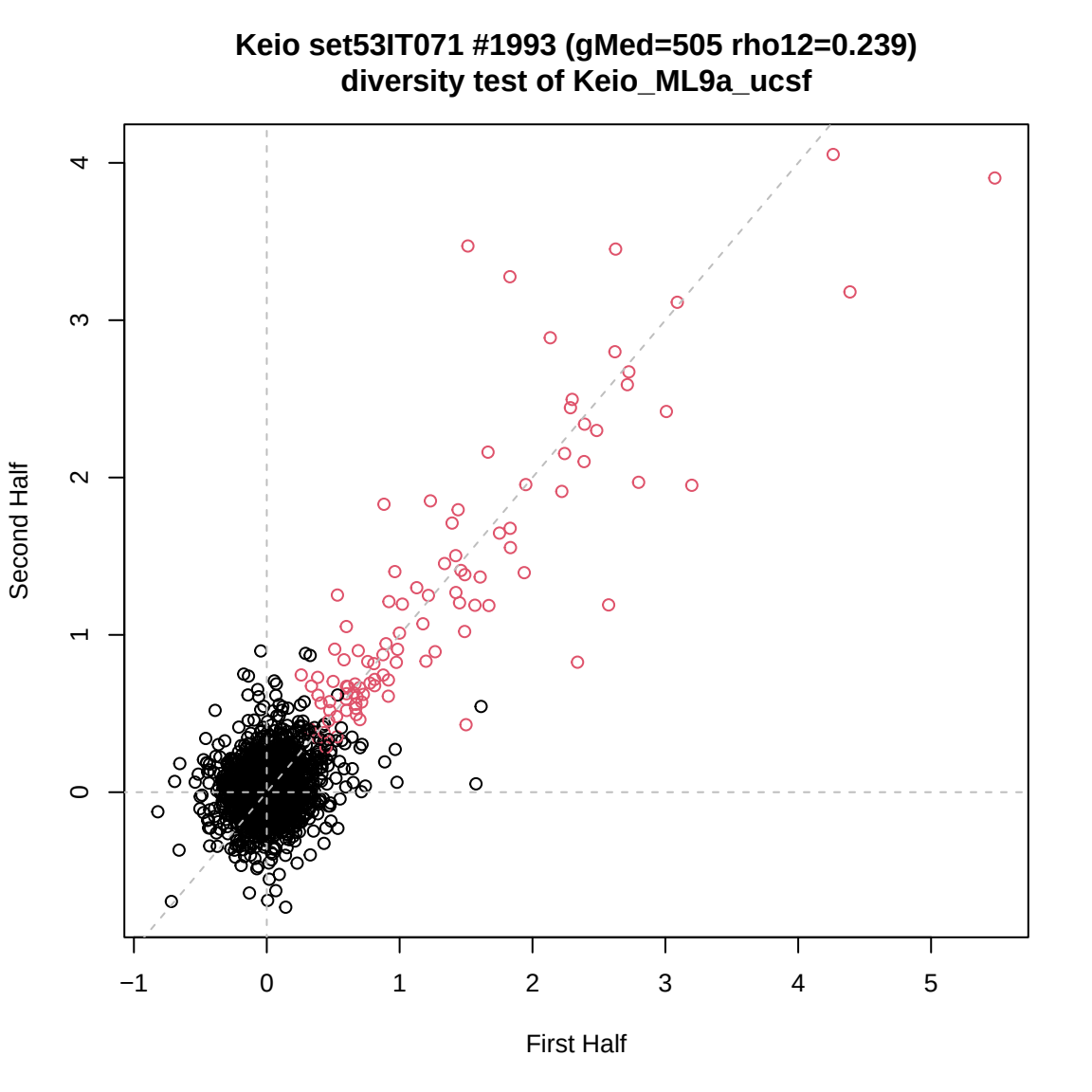

Keio set53IT066 #1988 (gMed=439 rho12=0.330)
BHIS with Methotrexate 1.98 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

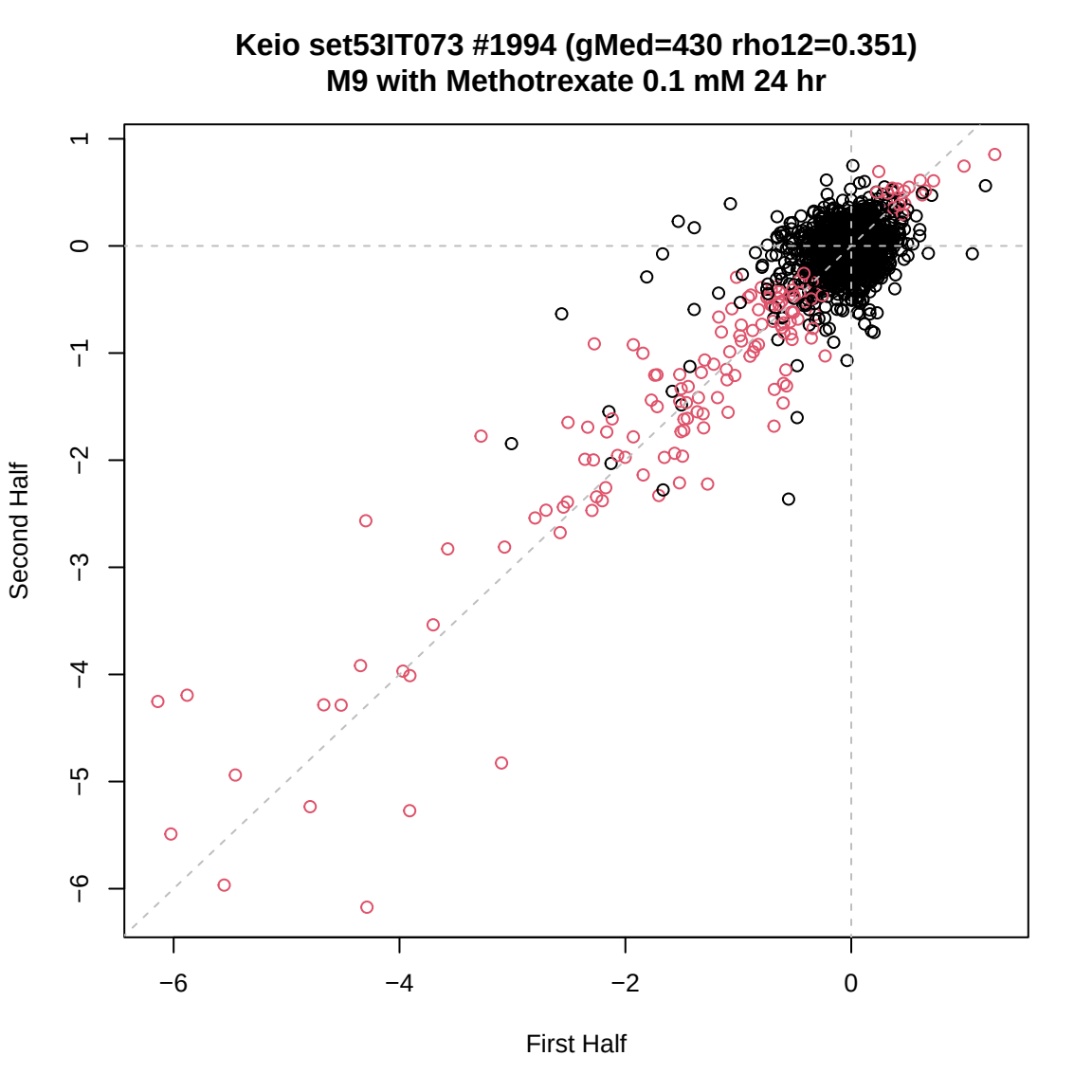

Keio set53IT067 #1989 (gMed=129 rho12=0.145)
M9 Aerobic with Capecitabine 6.957 mM 24 hr
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

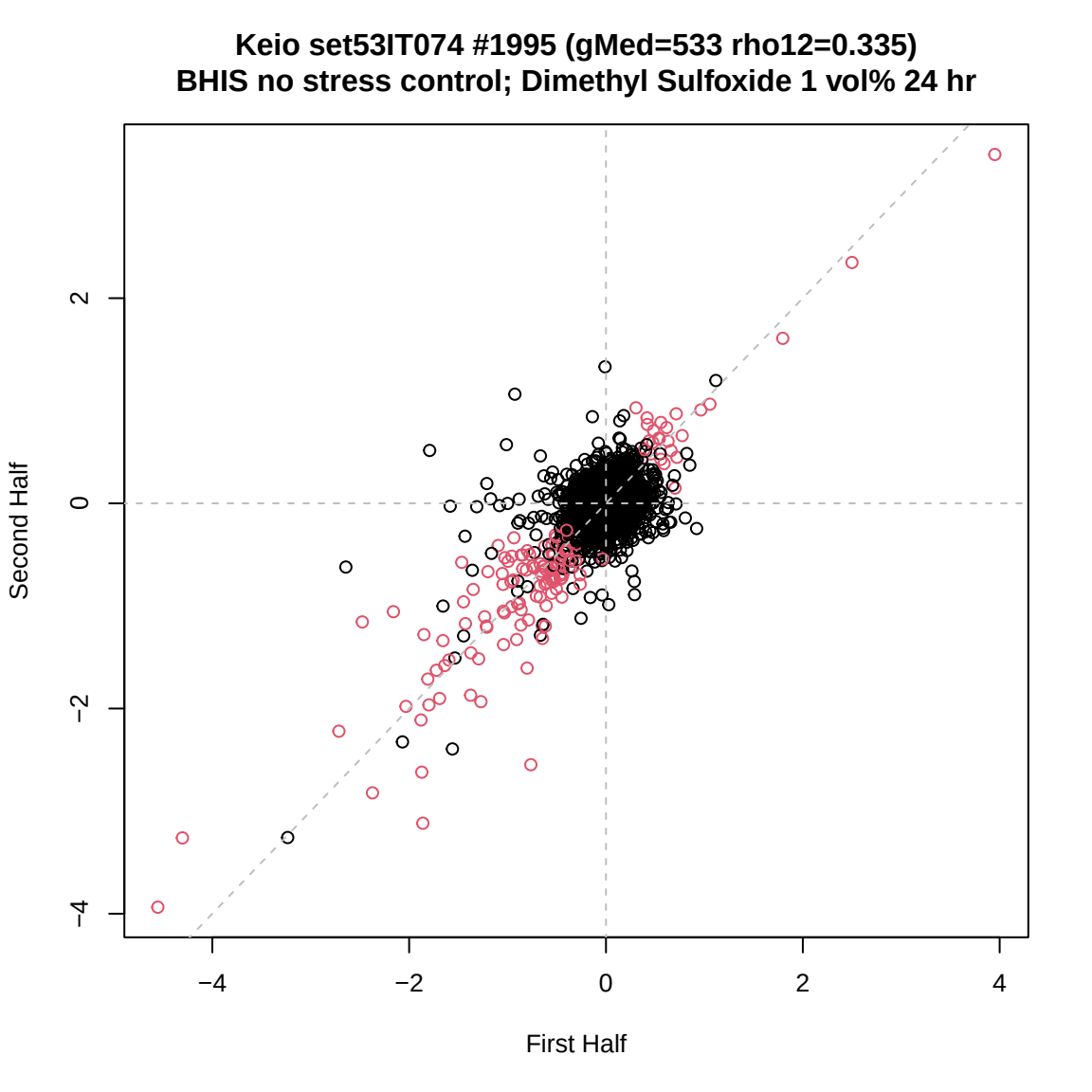

Keio set53IT068 #1990 (gMed=371 rho12=0.031)
M9 Anaerobic with Capecitabine 6.957 mM 24 hr
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

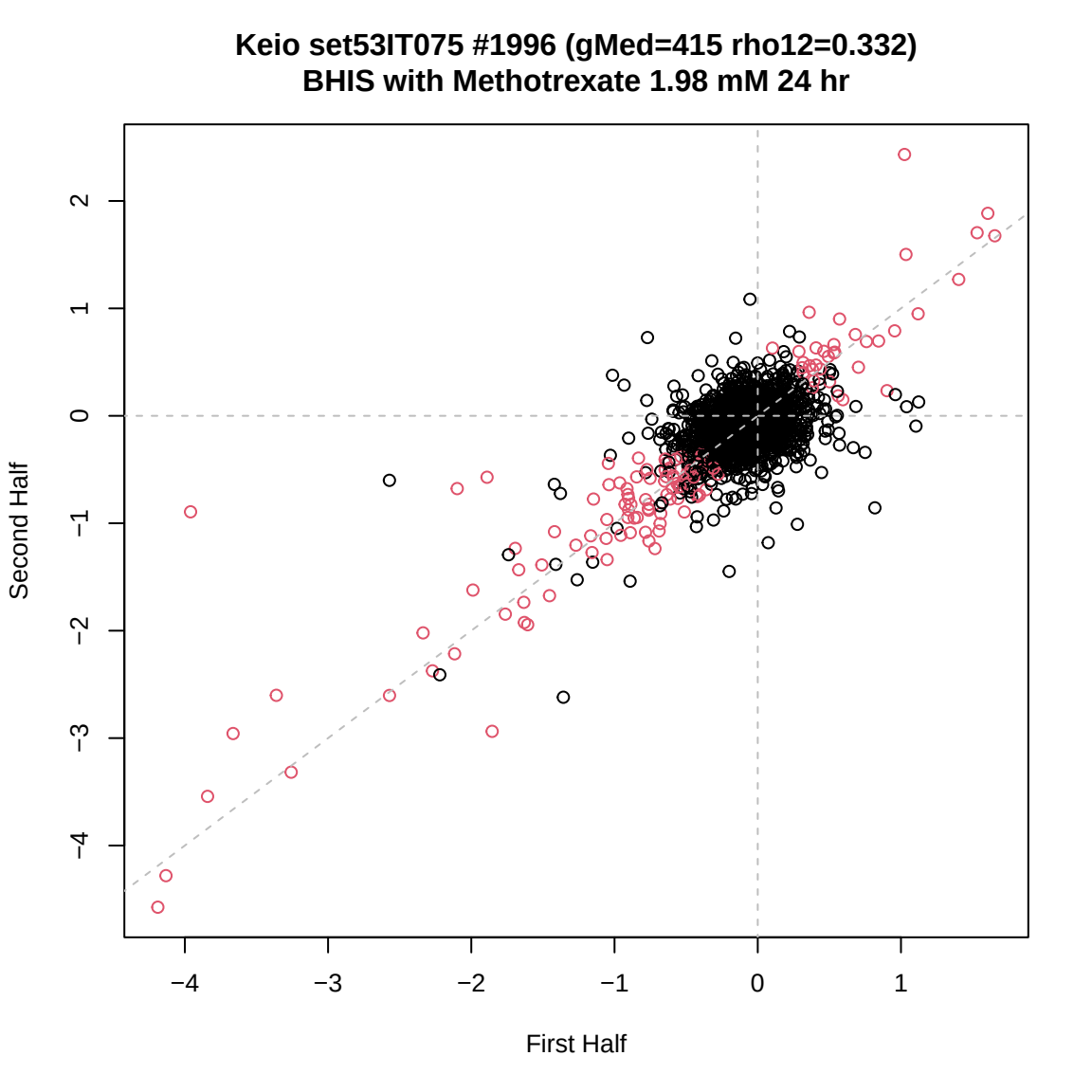

Keio set53IT069 #1991 (gMed=90 rho12=0.174)
M9 Aerobic with Capecitabine 6.957 mM 48 hr
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1

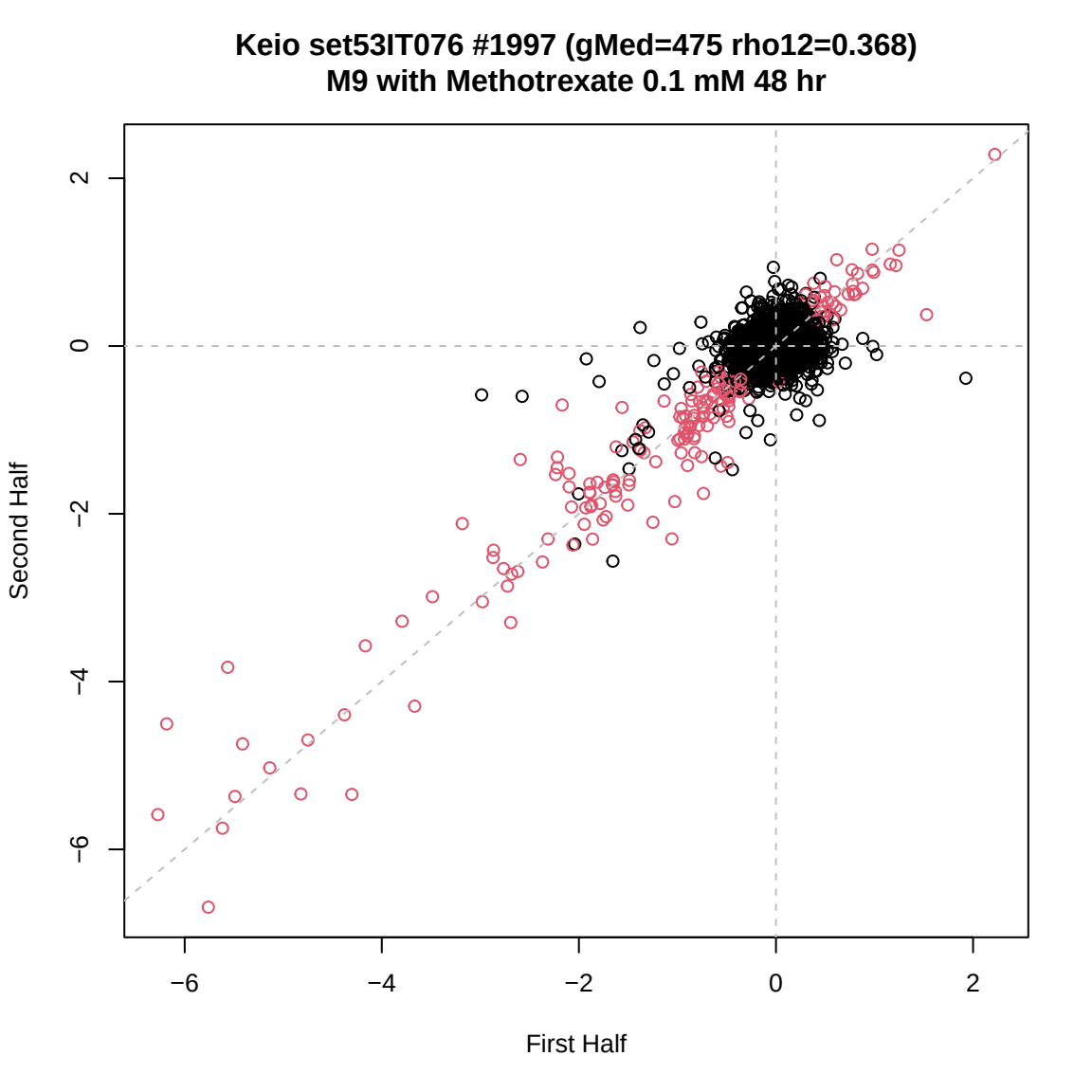

Keio set53IT070 #1992 (gMed=422 rho12=0.389)
M9 no stress control; Anaerobic 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

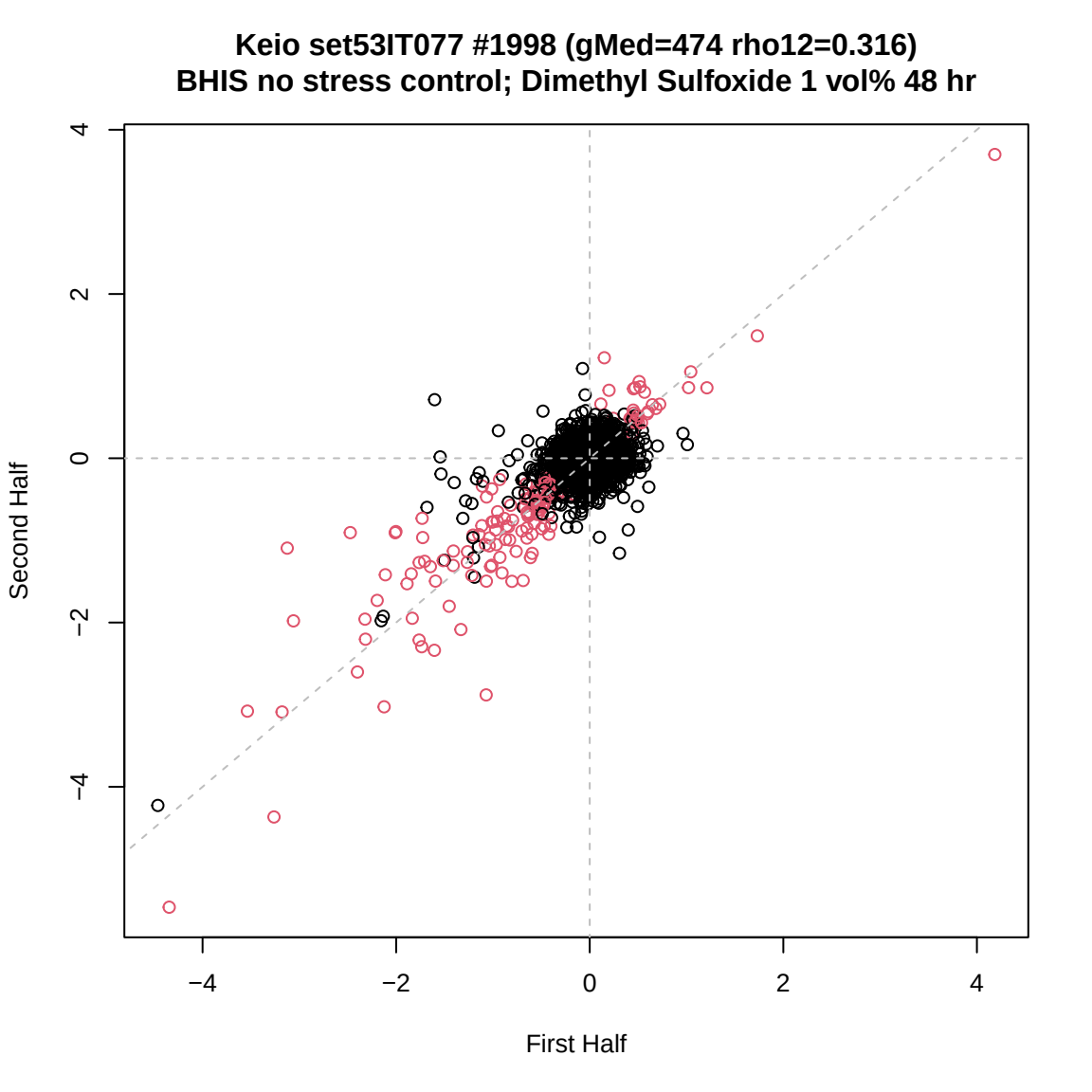

Keio set53IT071 #1993 (gMed=505 rho12=0.239)
diversity test of Keio_ML9a_ucsf
Second Half
First Half
−1
0
1
2
3
4
5

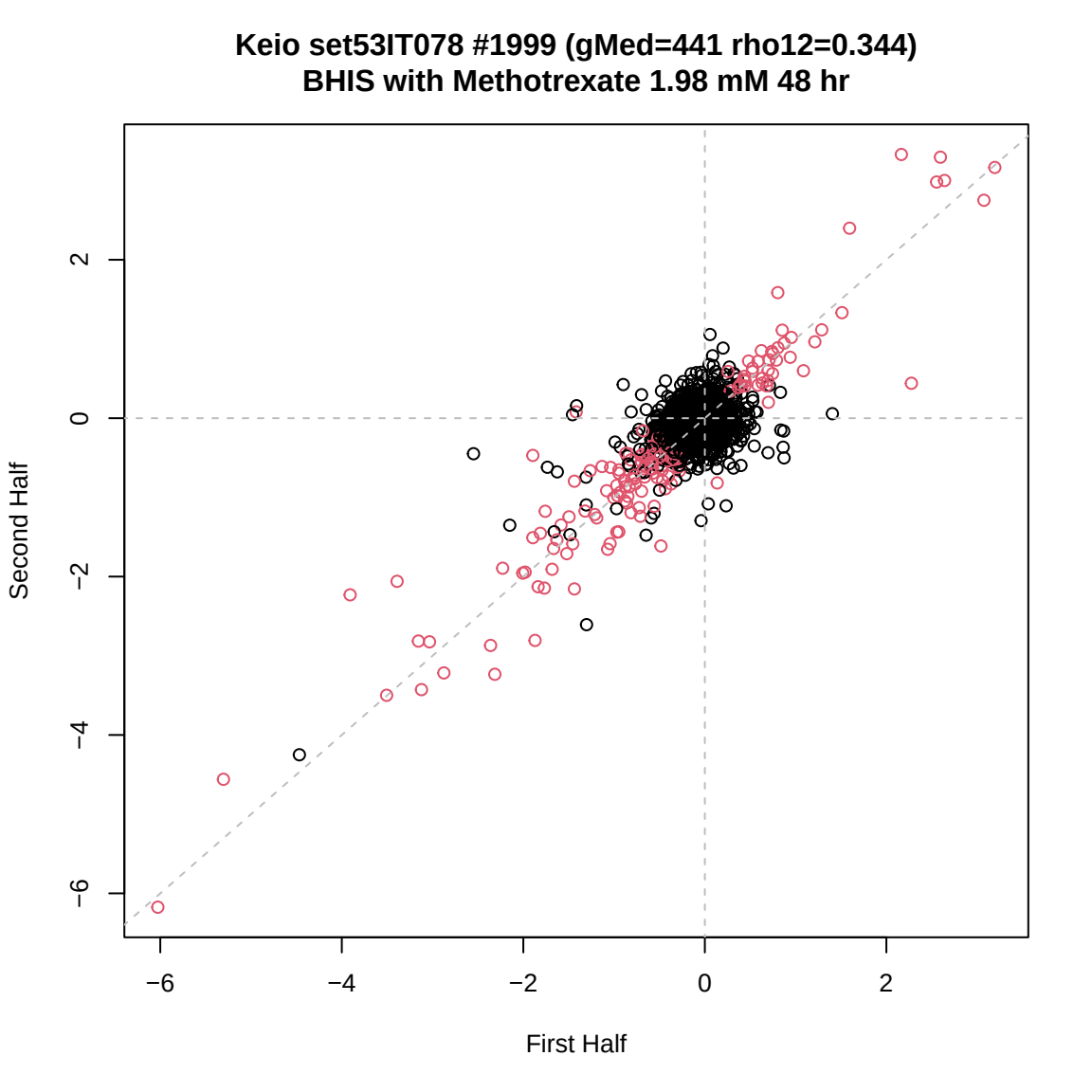

Keio set53IT073 #1994 (gMed=430 rho12=0.351)
M9 with Methotrexate 0.1 mM 24 hr
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

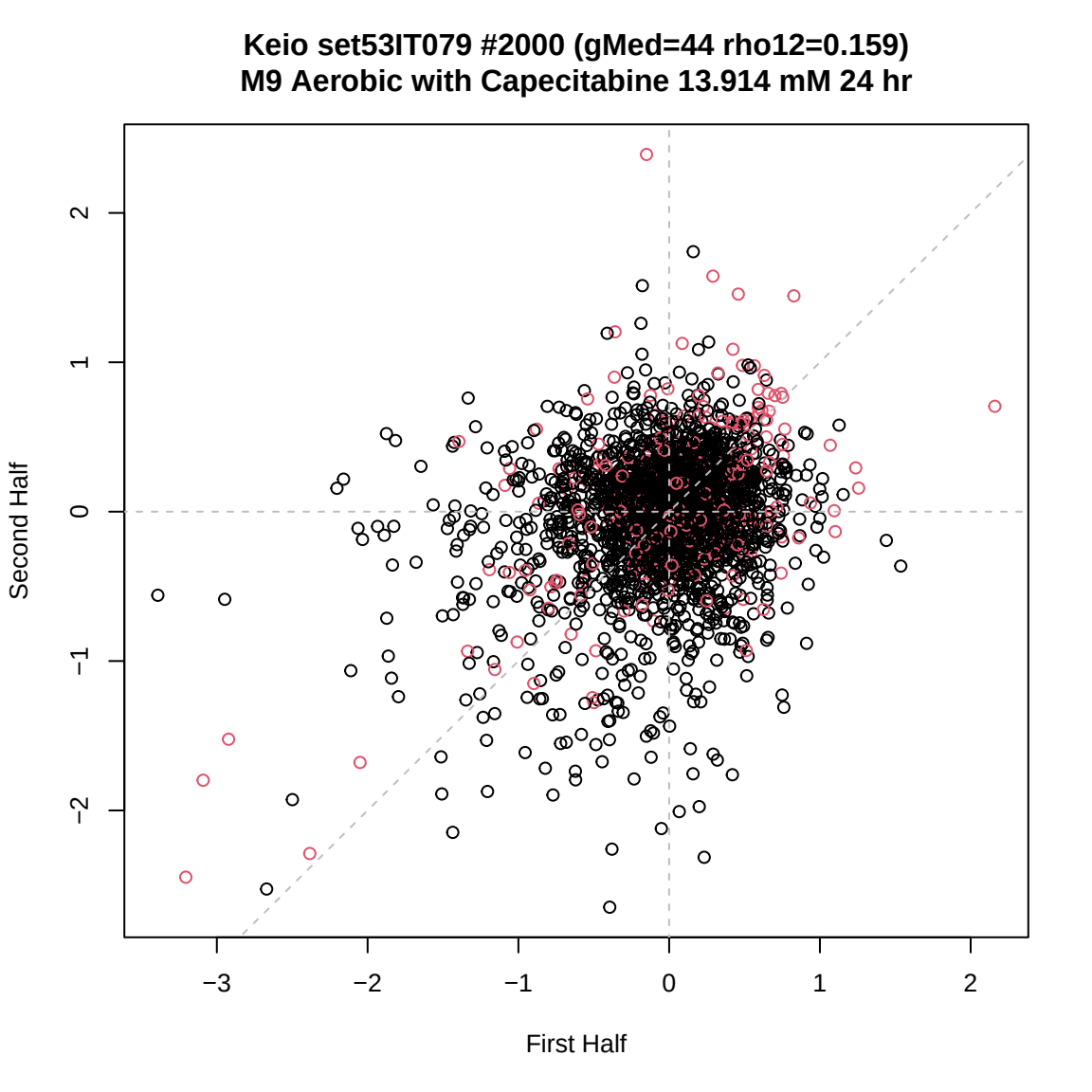

Keio set53IT074 #1995 (gMed=533 rho12=0.335)
BHIS no stress control; Dimethyl Sulfoxide 1 vol% 24 hr
Second Half
First Half
−4
−2
0
2
4

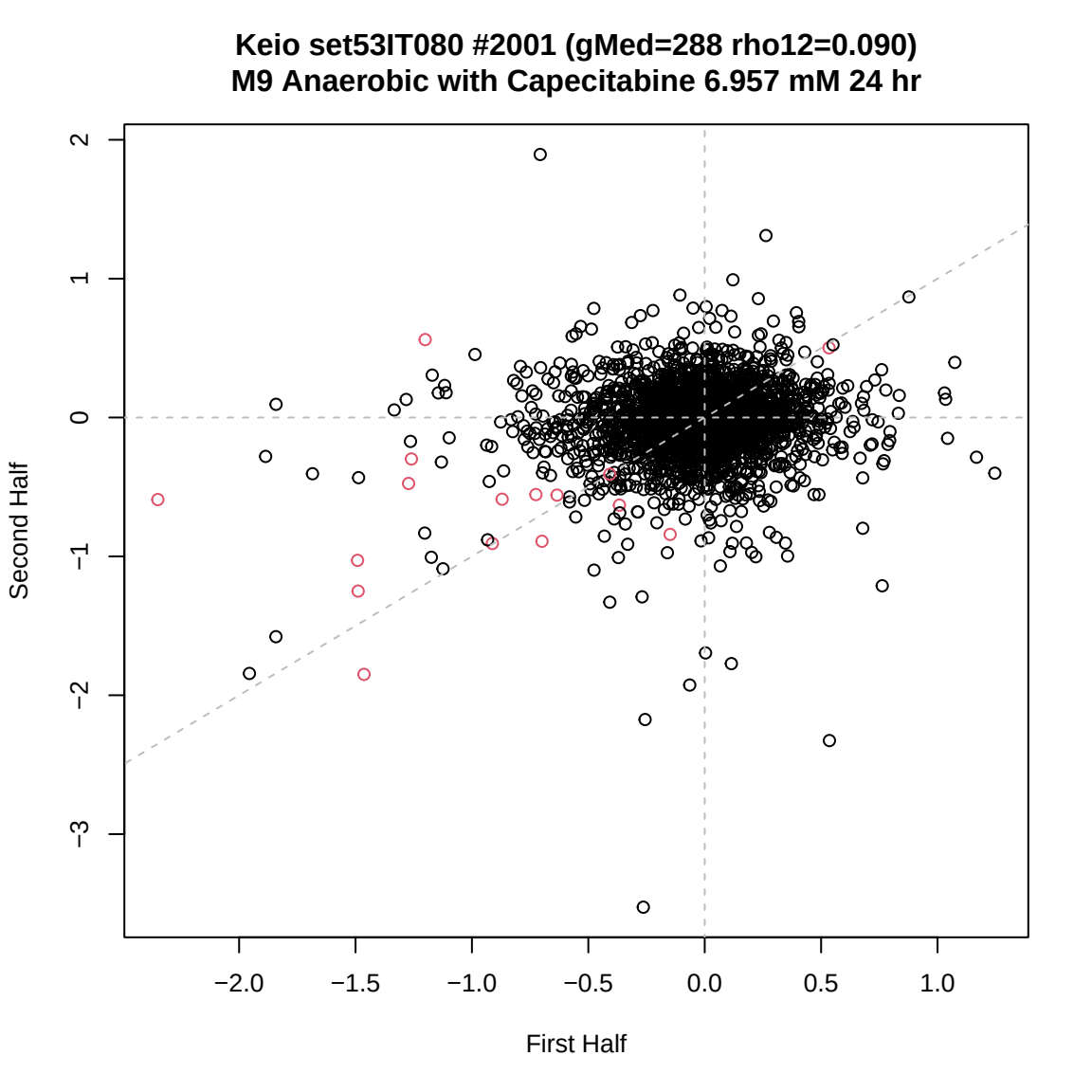

Keio set53IT075 #1996 (gMed=415 rho12=0.332)
BHIS with Methotrexate 1.98 mM 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

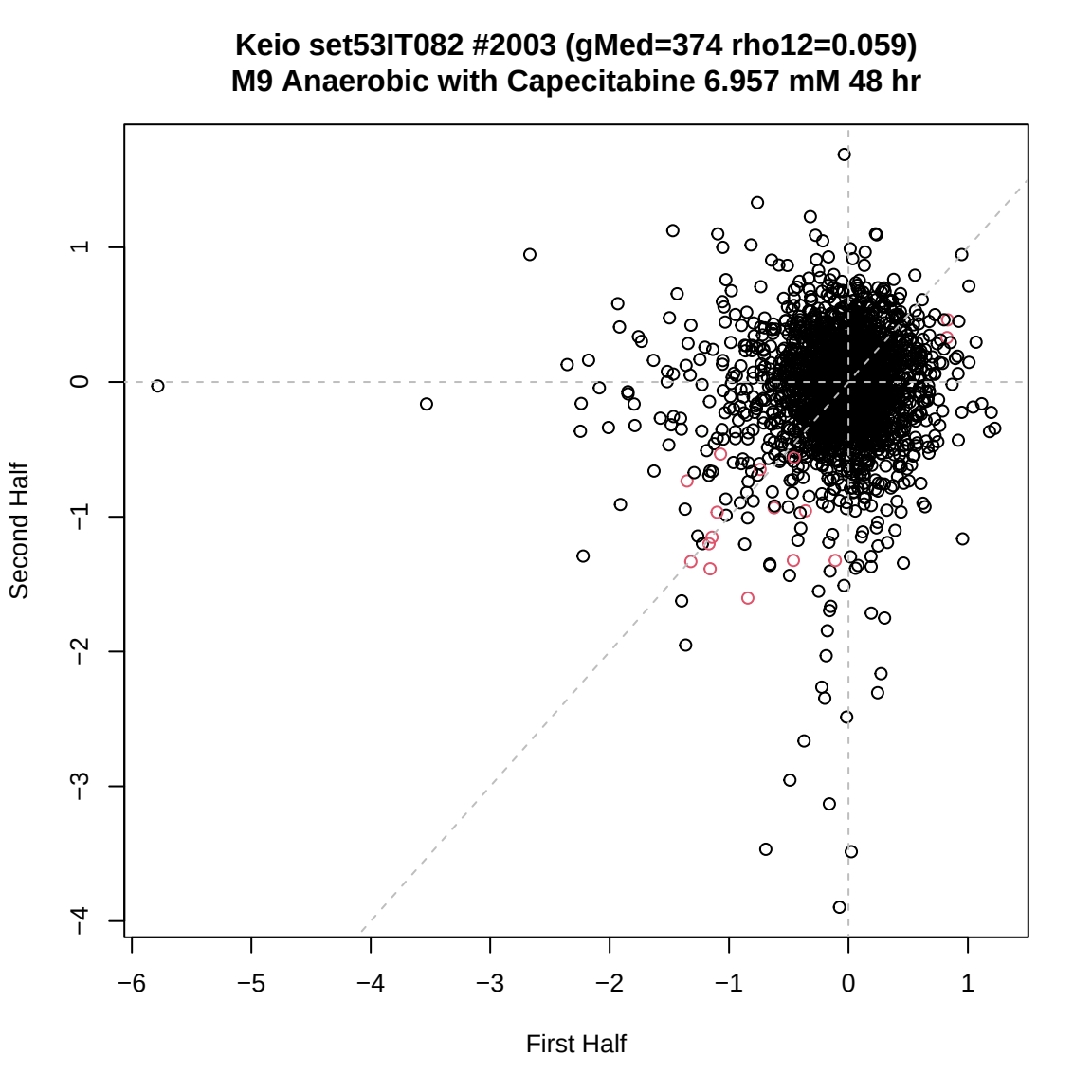

Keio set53IT076 #1997 (gMed=475 rho12=0.368)
M9 with Methotrexate 0.1 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

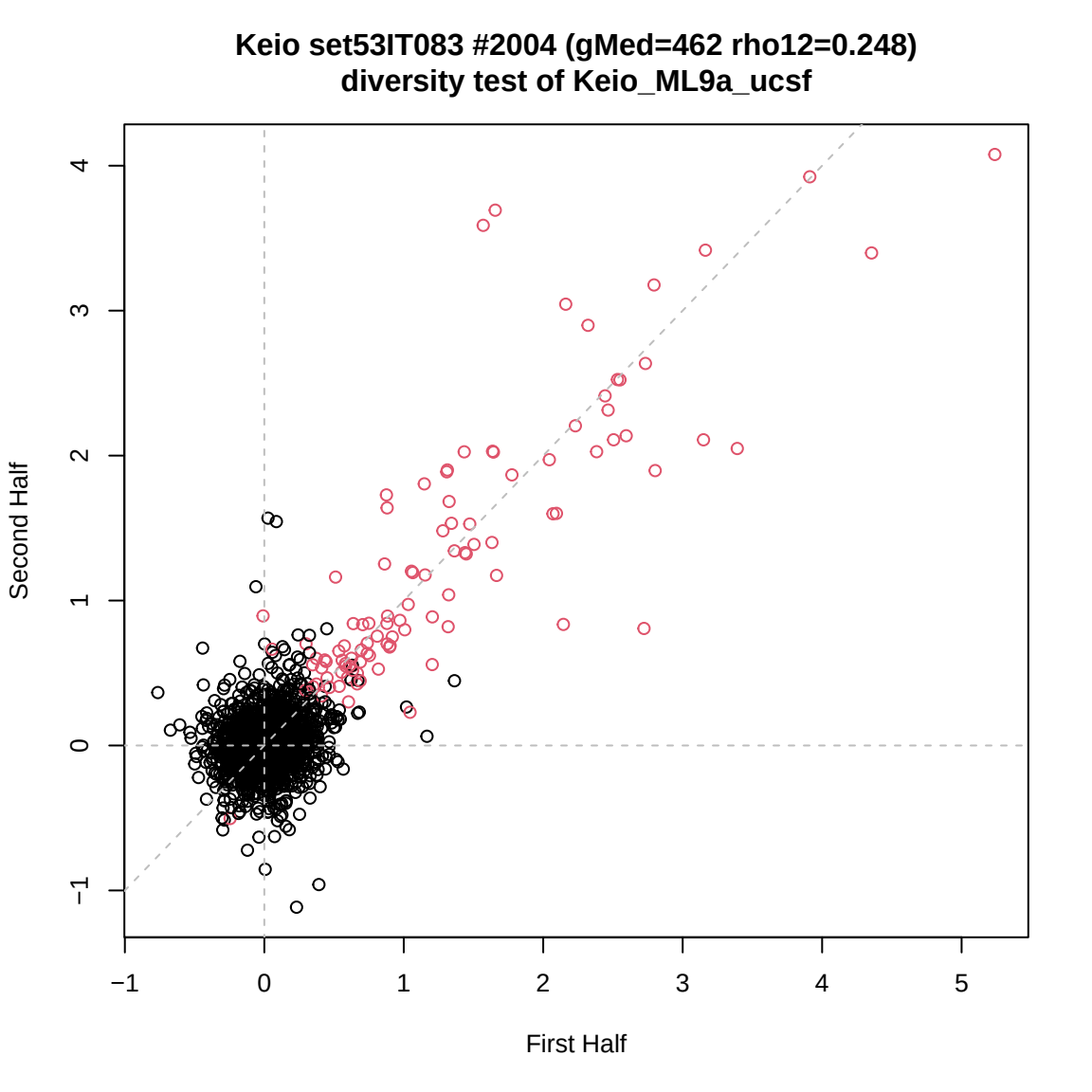

Keio set53IT077 #1998 (gMed=474 rho12=0.316)
BHIS no stress control; Dimethyl Sulfoxide 1 vol% 48 hr
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

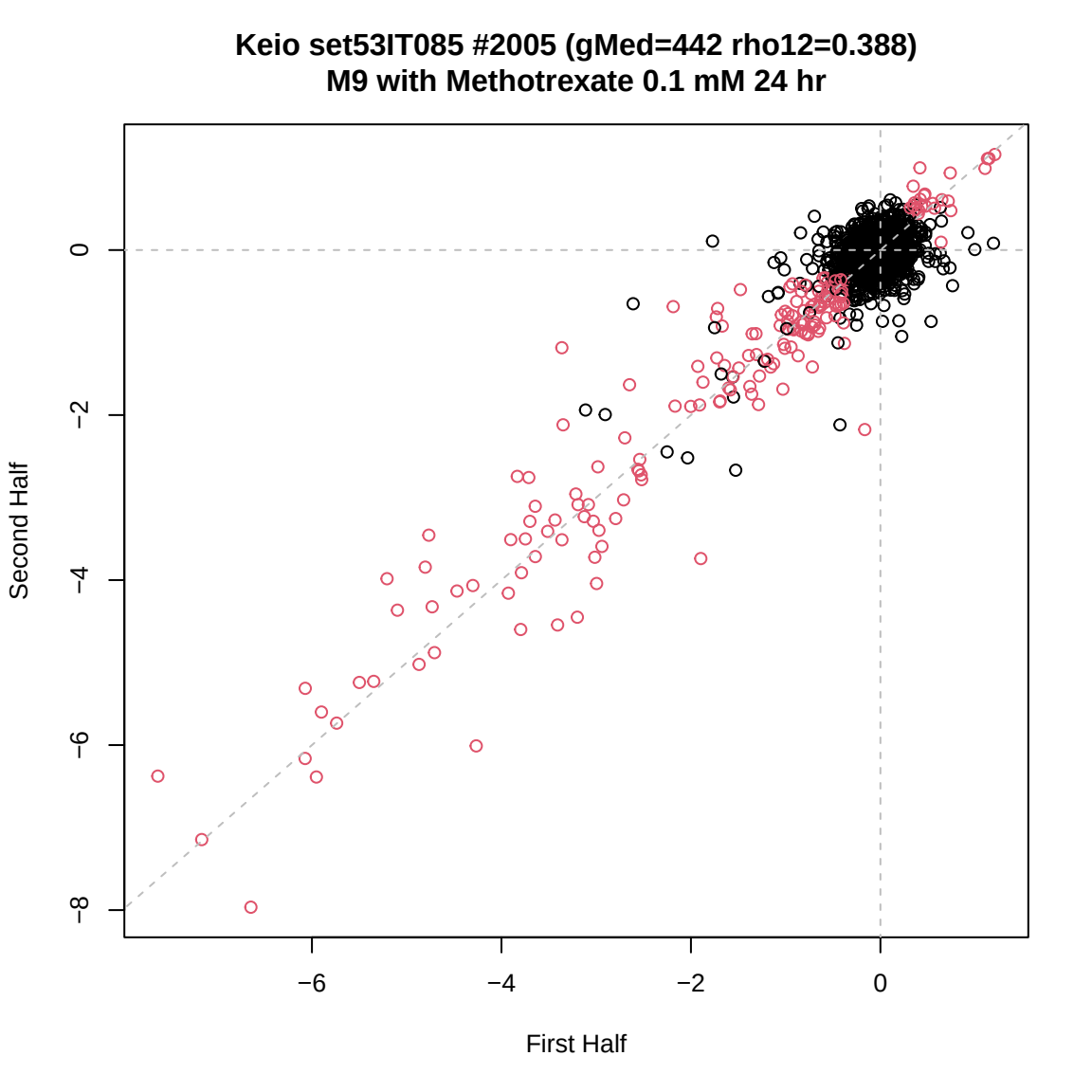

Keio set53IT078 #1999 (gMed=441 rho12=0.344)
BHIS with Methotrexate 1.98 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

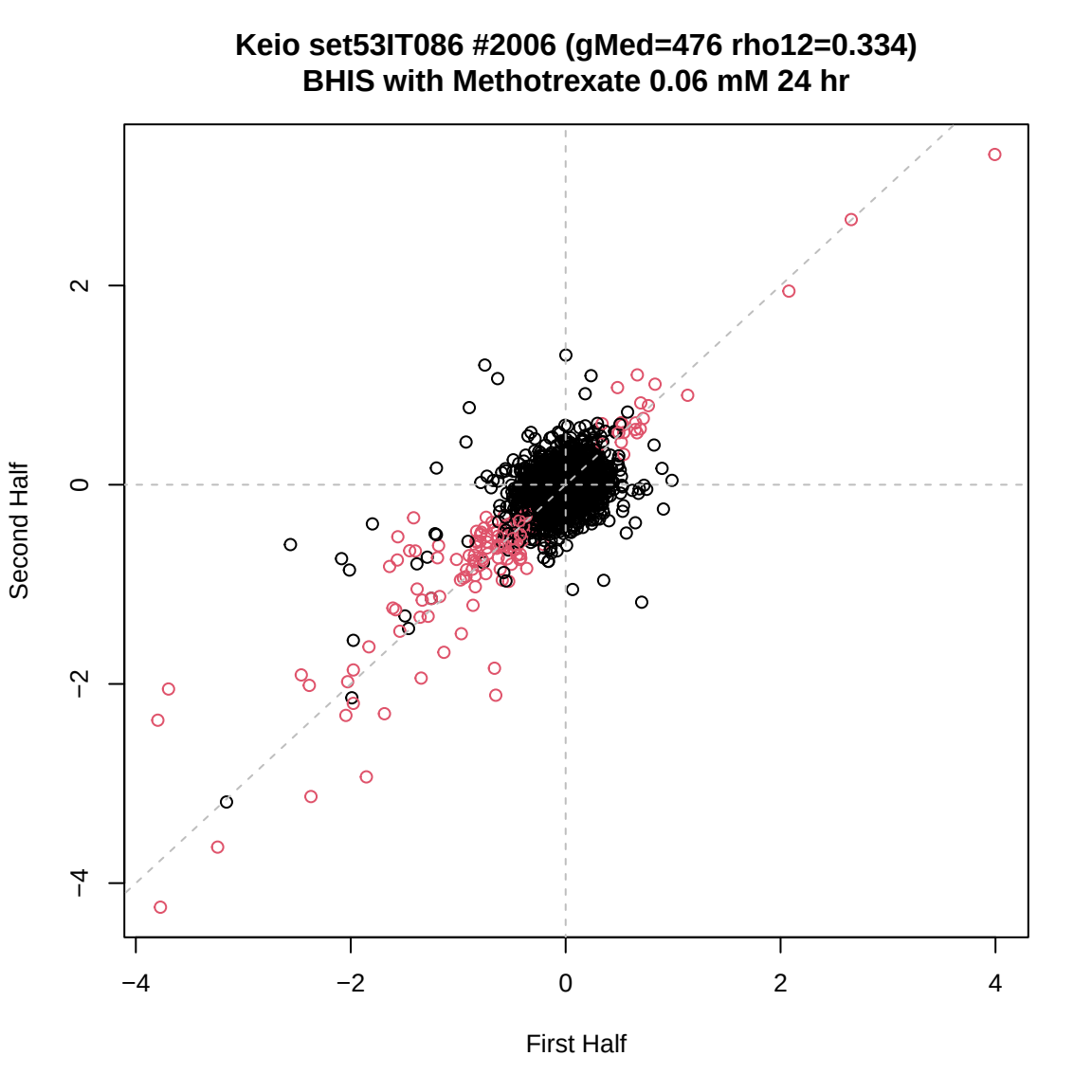

Keio set53IT079 #2000 (gMed=44 rho12=0.159)
M9 Aerobic with Capecitabine 13.914 mM 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

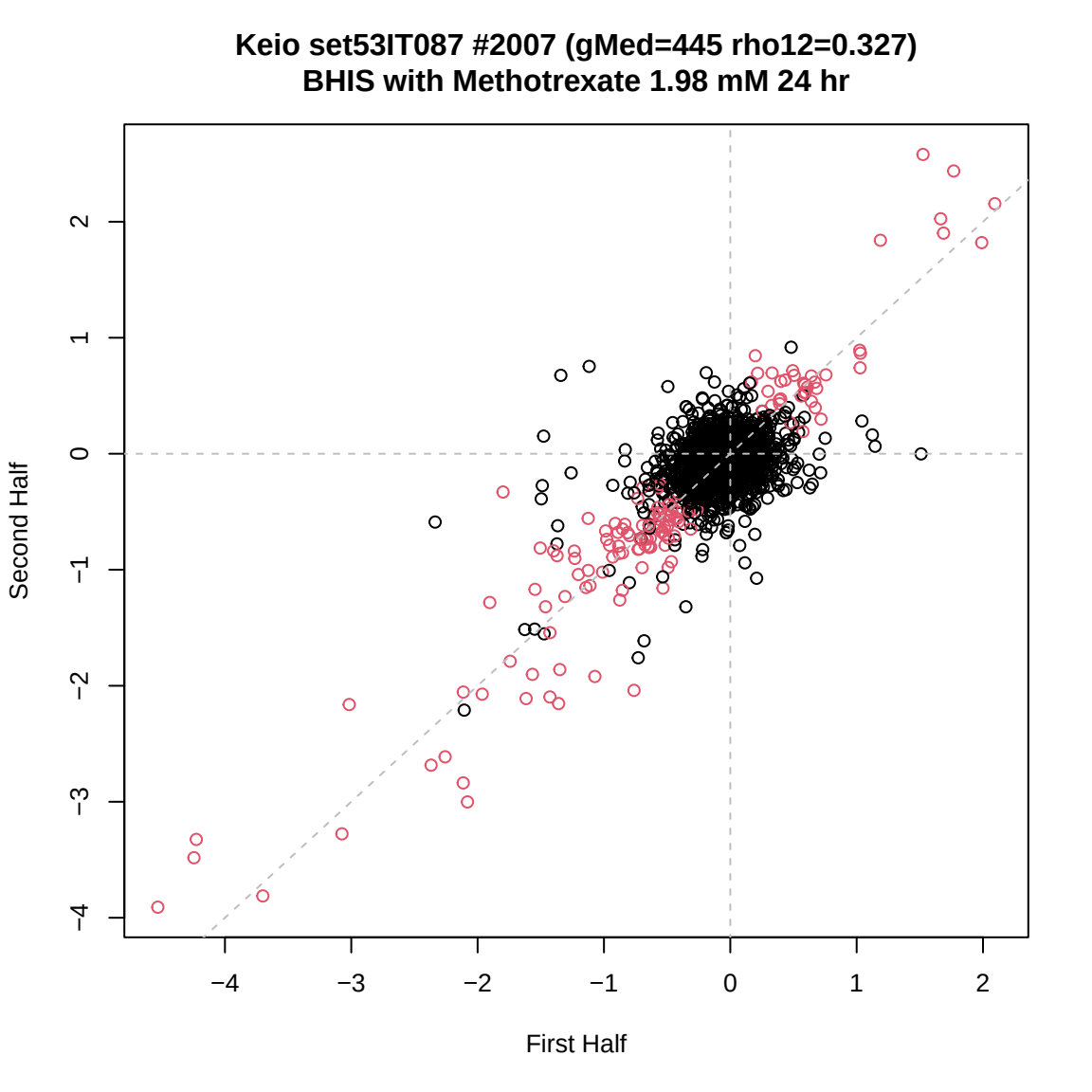

Keio set53IT080 #2001 (gMed=288 rho12=0.090)
M9 Anaerobic with Capecitabine 6.957 mM 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

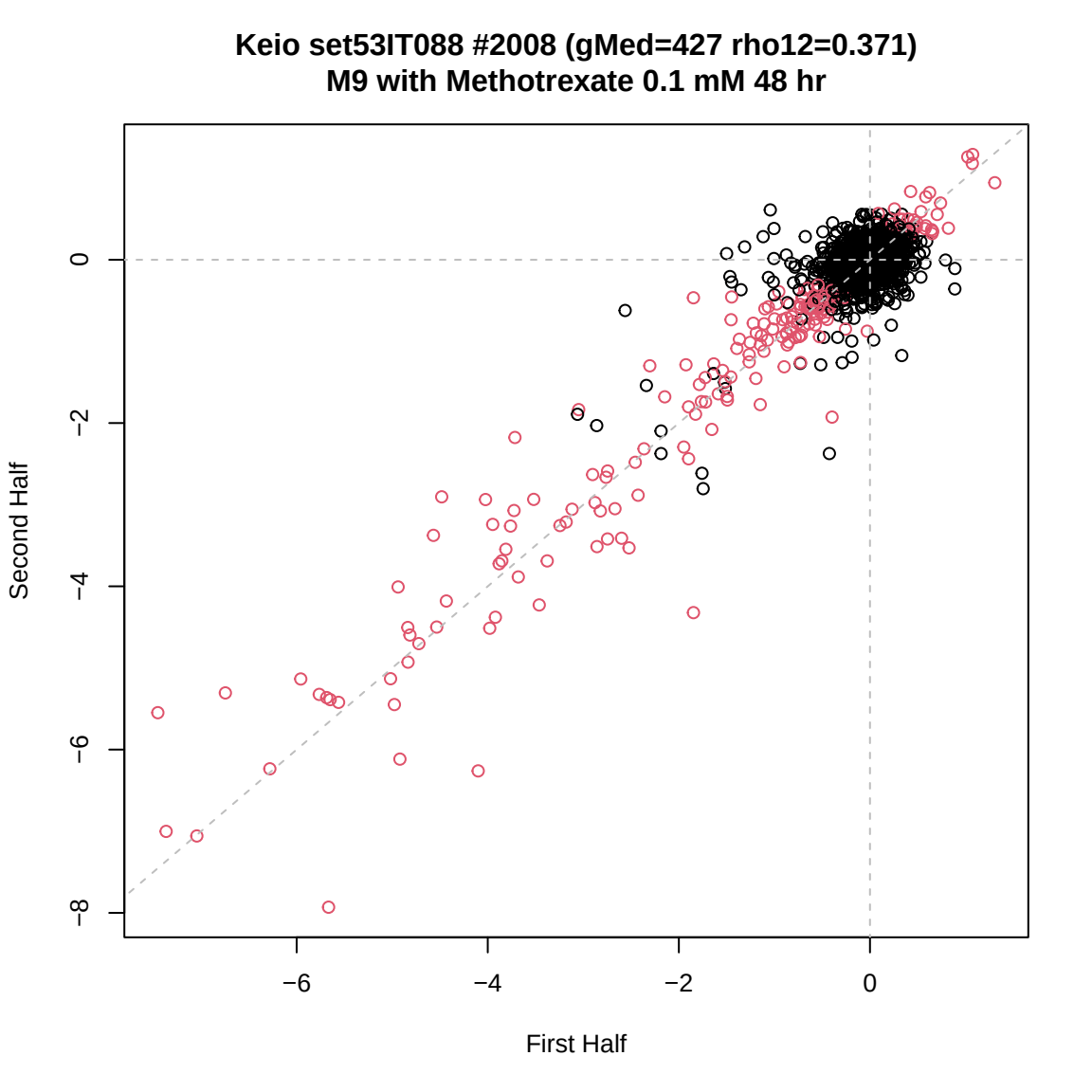

Keio set53IT082 #2003 (gMed=374 rho12=0.059)
M9 Anaerobic with Capecitabine 6.957 mM 48 hr
Second Half
First Half
1
0
−1
−2
−3
−4
−6
−5
−4
−3
−2
−1
0
1

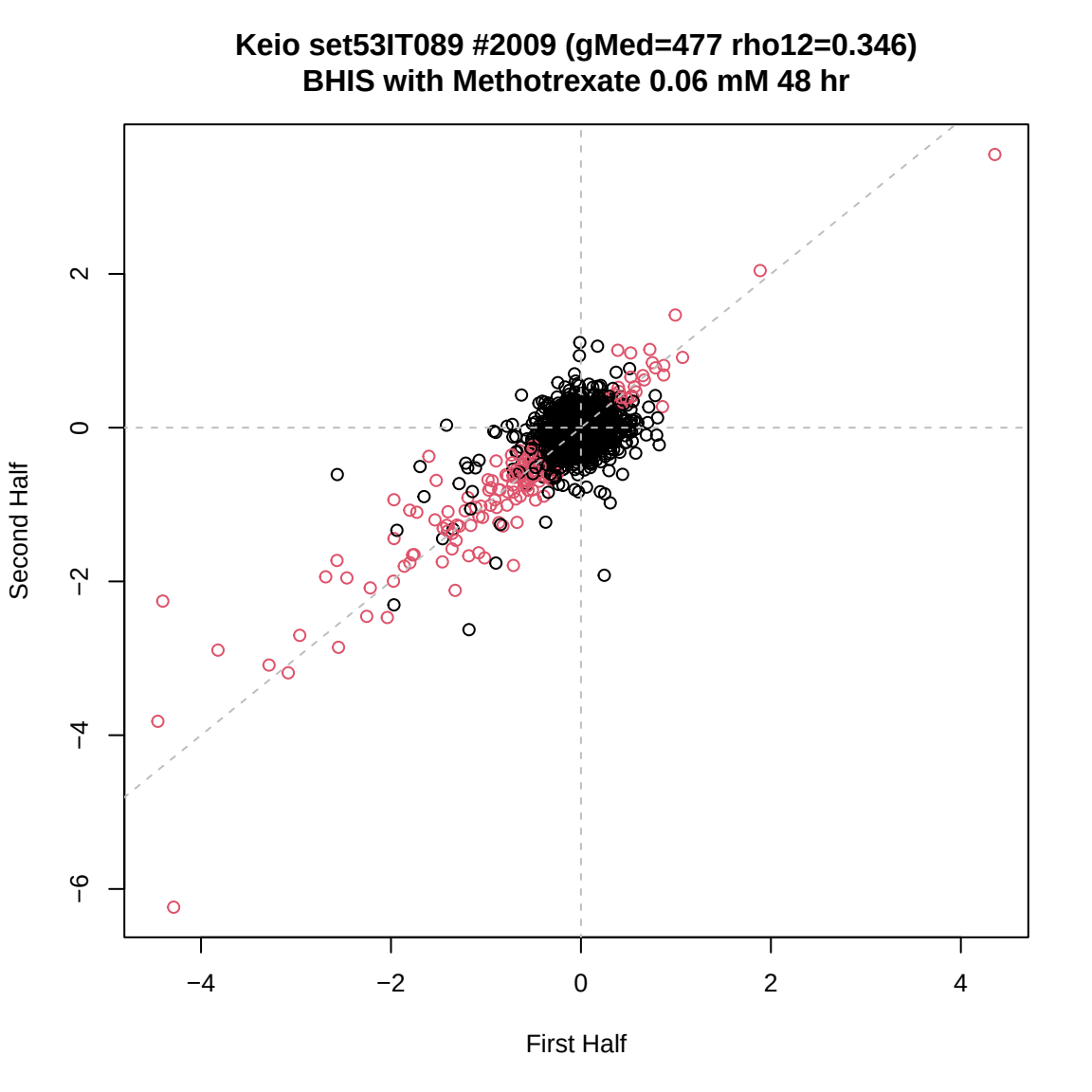

Keio set53IT083 #2004 (gMed=462 rho12=0.248)
diversity test of Keio_ML9a_ucsf
Second Half
First Half
−1
0
1
2
3
4
5

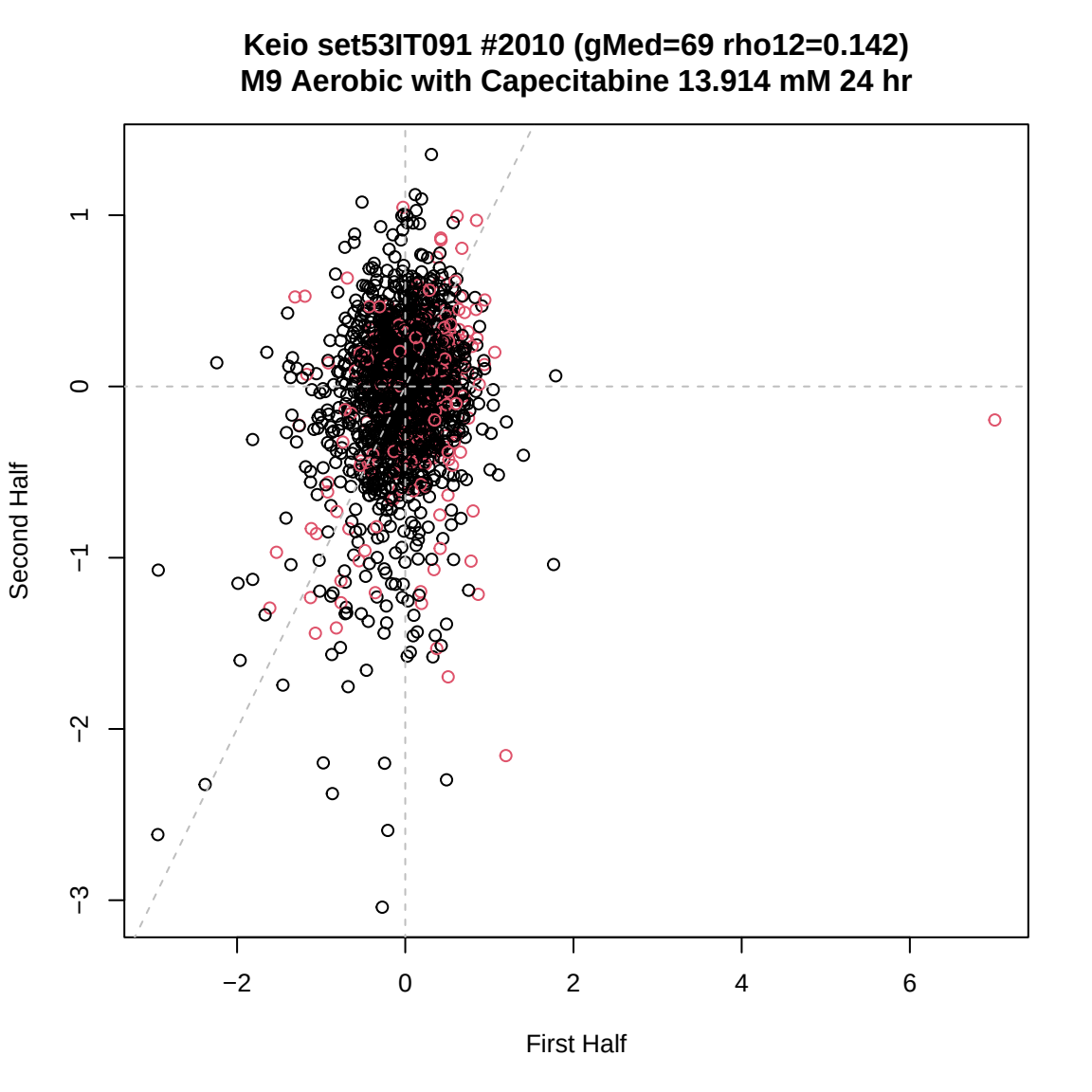

Keio set53IT085 #2005 (gMed=442 rho12=0.388)
M9 with Methotrexate 0.1 mM 24 hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

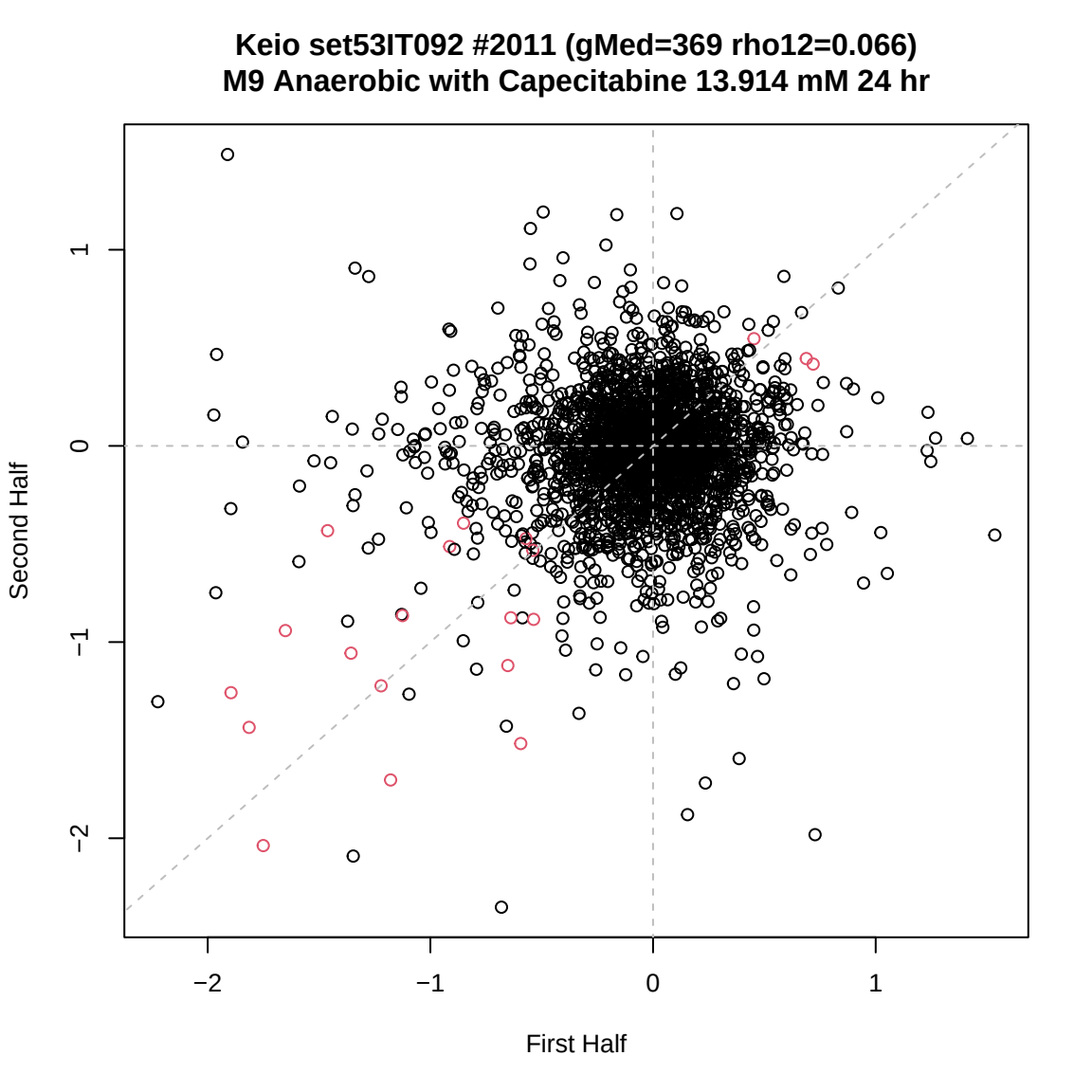

Keio set53IT086 #2006 (gMed=476 rho12=0.334)
BHIS with Methotrexate 0.06 mM 24 hr
Second Half
First Half
−4
−2
0
2
4

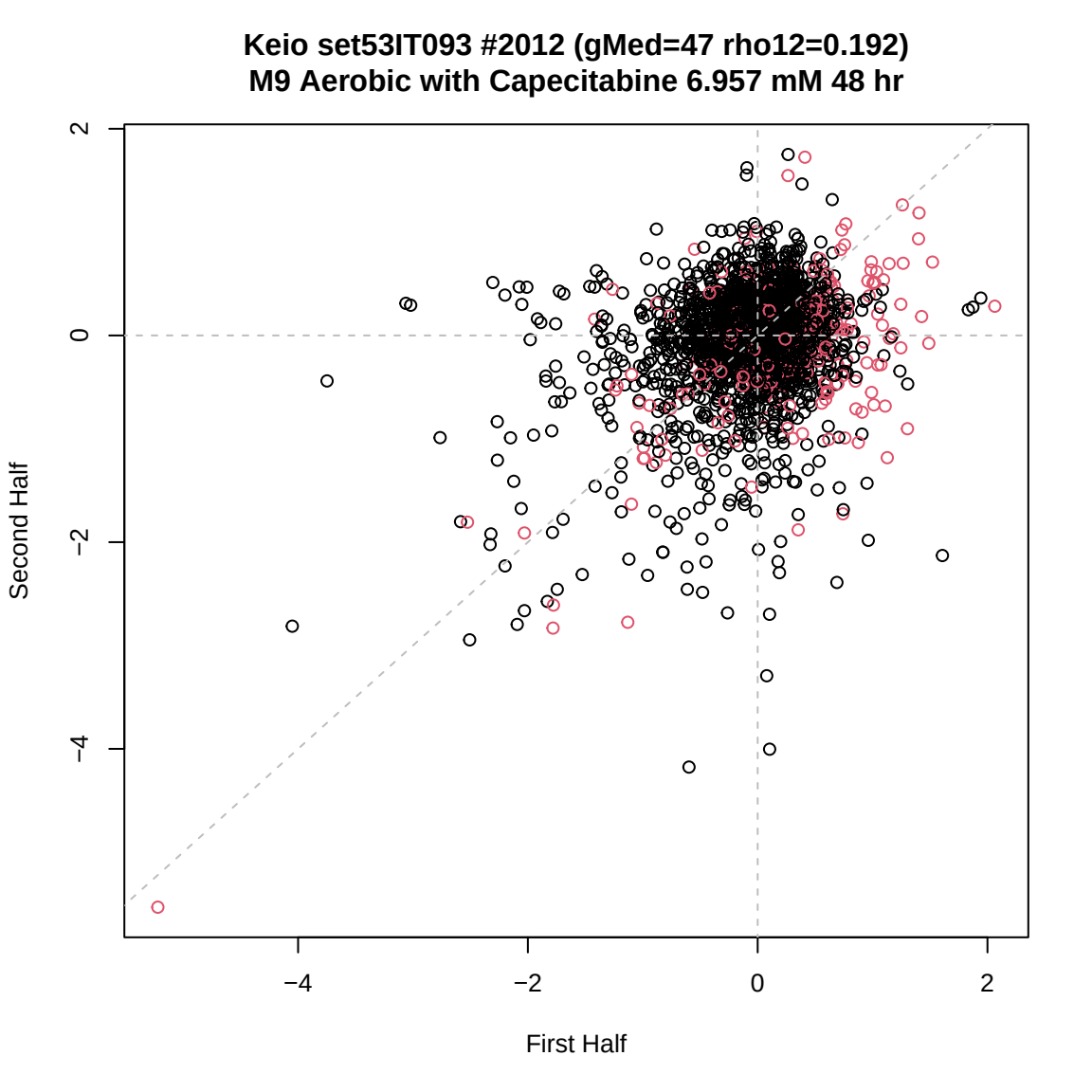

Keio set53IT087 #2007 (gMed=445 rho12=0.327)
BHIS with Methotrexate 1.98 mM 24 hr
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

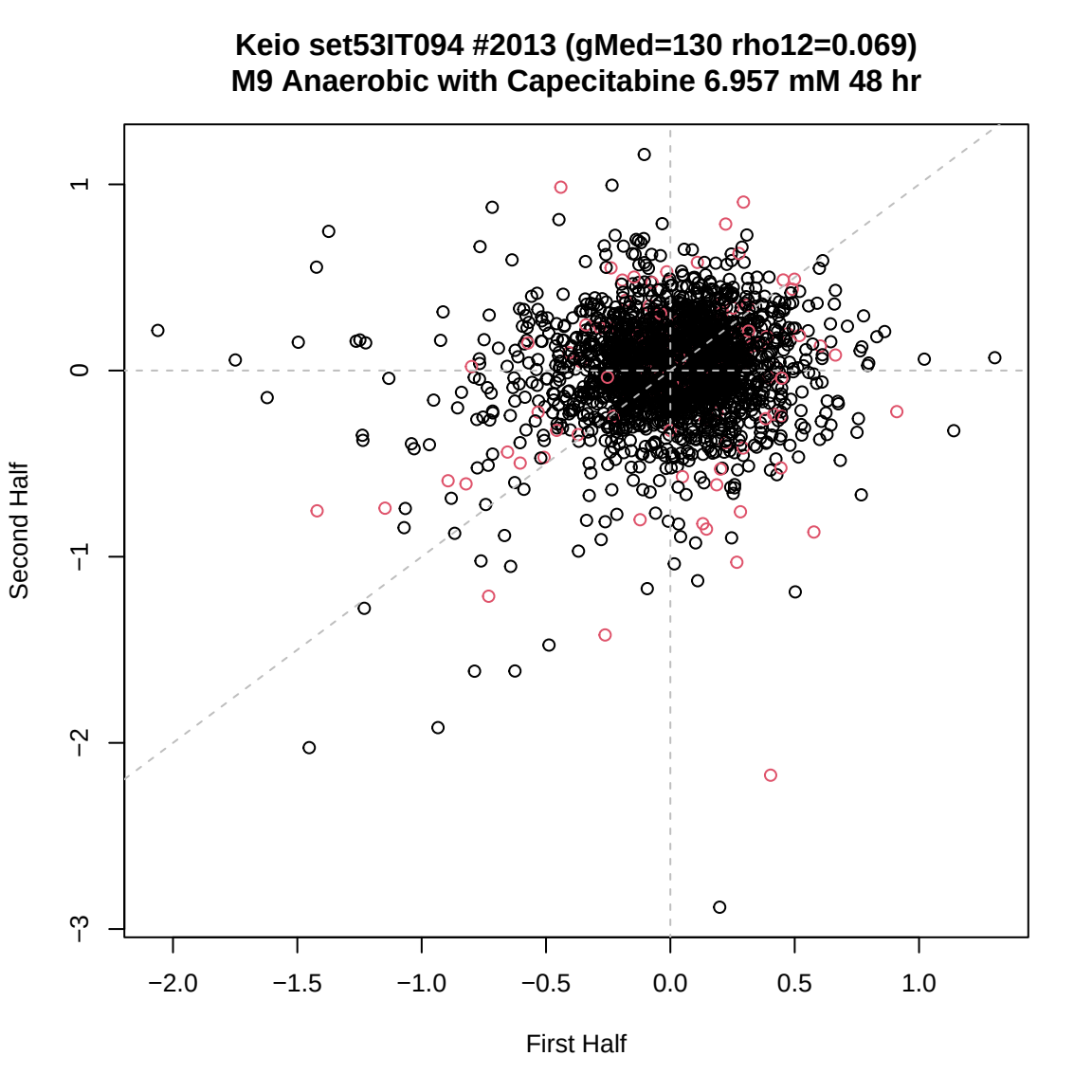

Keio set53IT088 #2008 (gMed=427 rho12=0.371)
M9 with Methotrexate 0.1 mM 48 hr
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

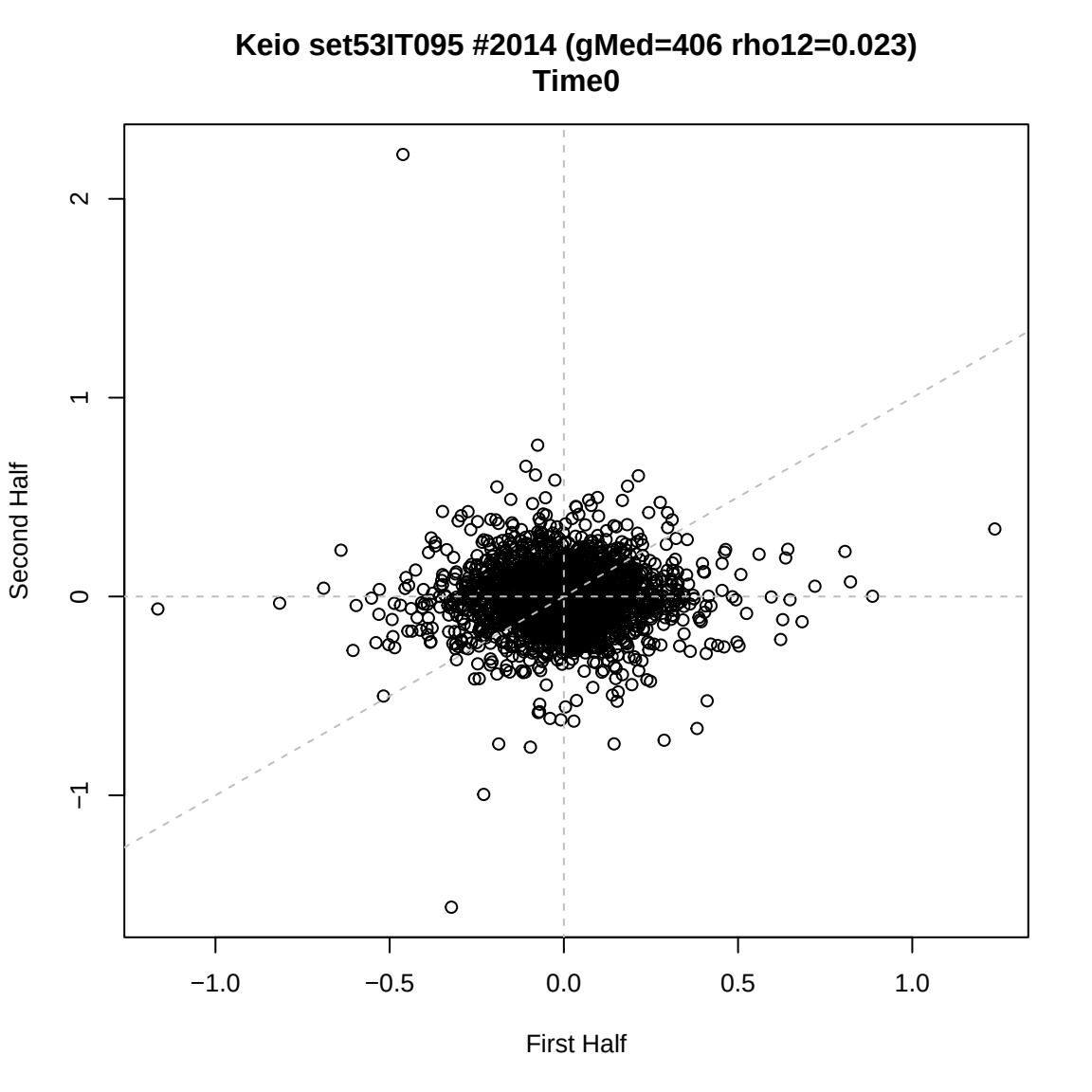

Keio set53IT089 #2009 (gMed=477 rho12=0.346)
BHIS with Methotrexate 0.06 mM 48 hr
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2
4

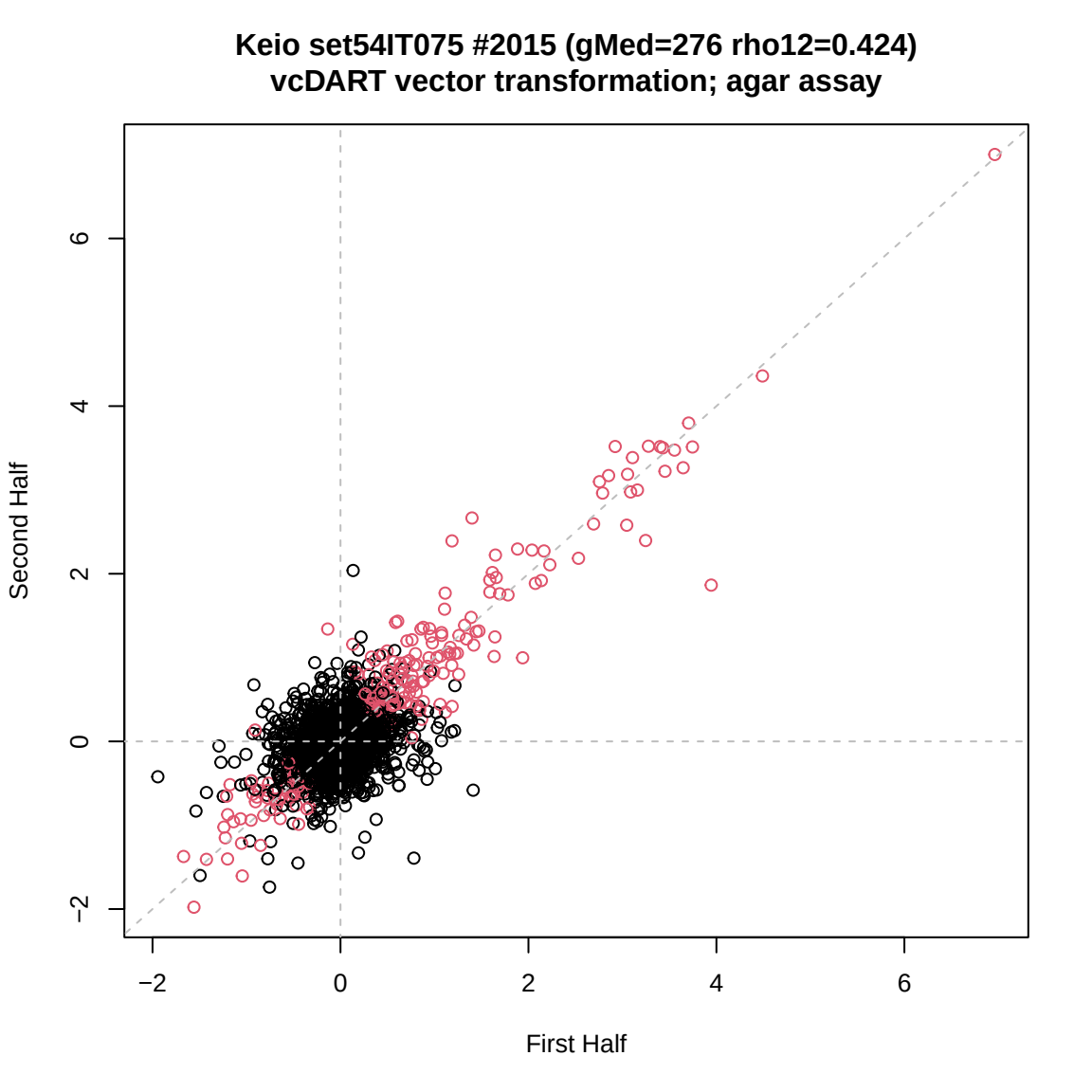

Keio set53IT091 #2010 (gMed=69 rho12=0.142)
M9 Aerobic with Capecitabine 13.914 mM 24 hr
Second Half
First Half
1
0
−1
−2
−3
−2
0
2
4
6

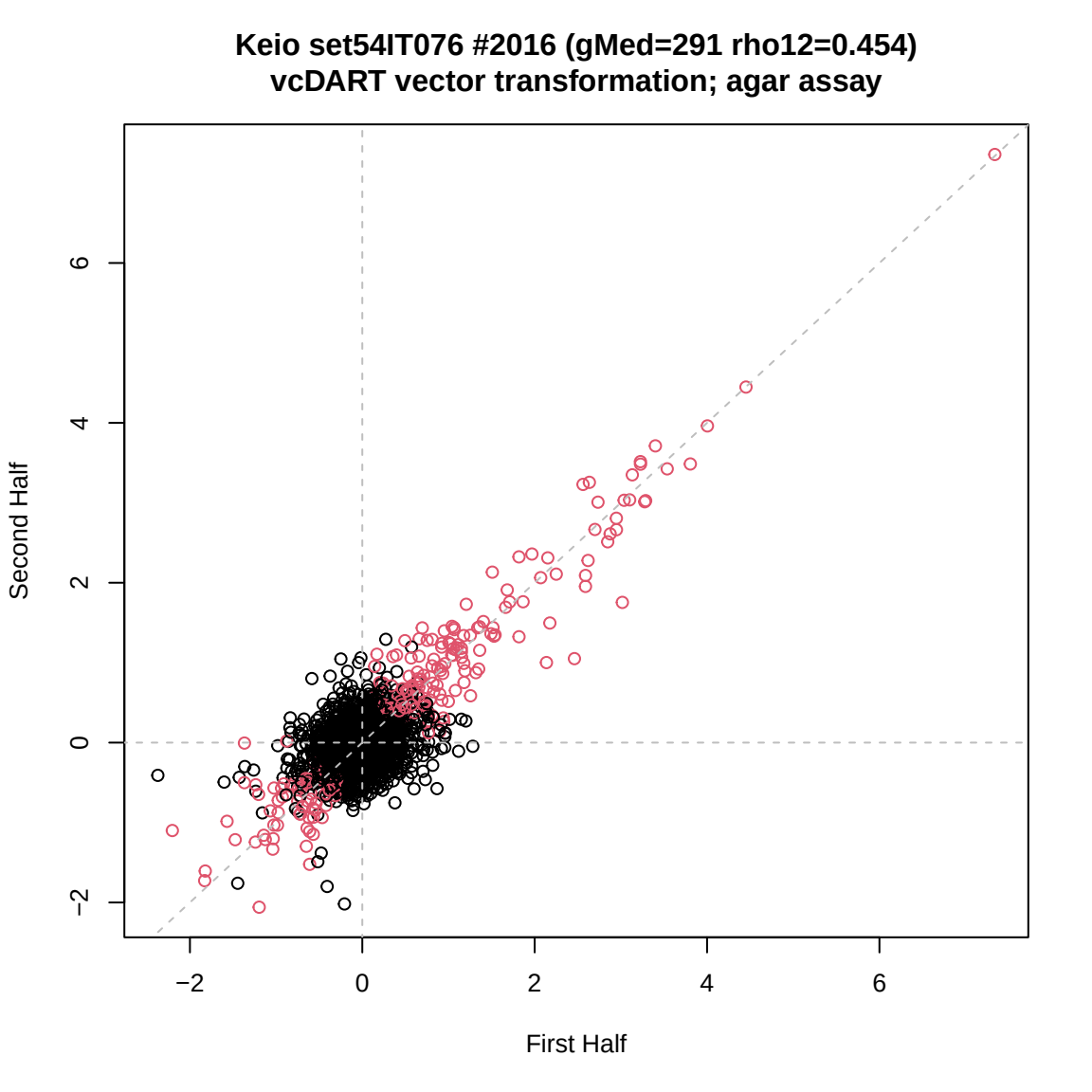

Keio set53IT092 #2011 (gMed=369 rho12=0.066)
M9 Anaerobic with Capecitabine 13.914 mM 24 hr
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

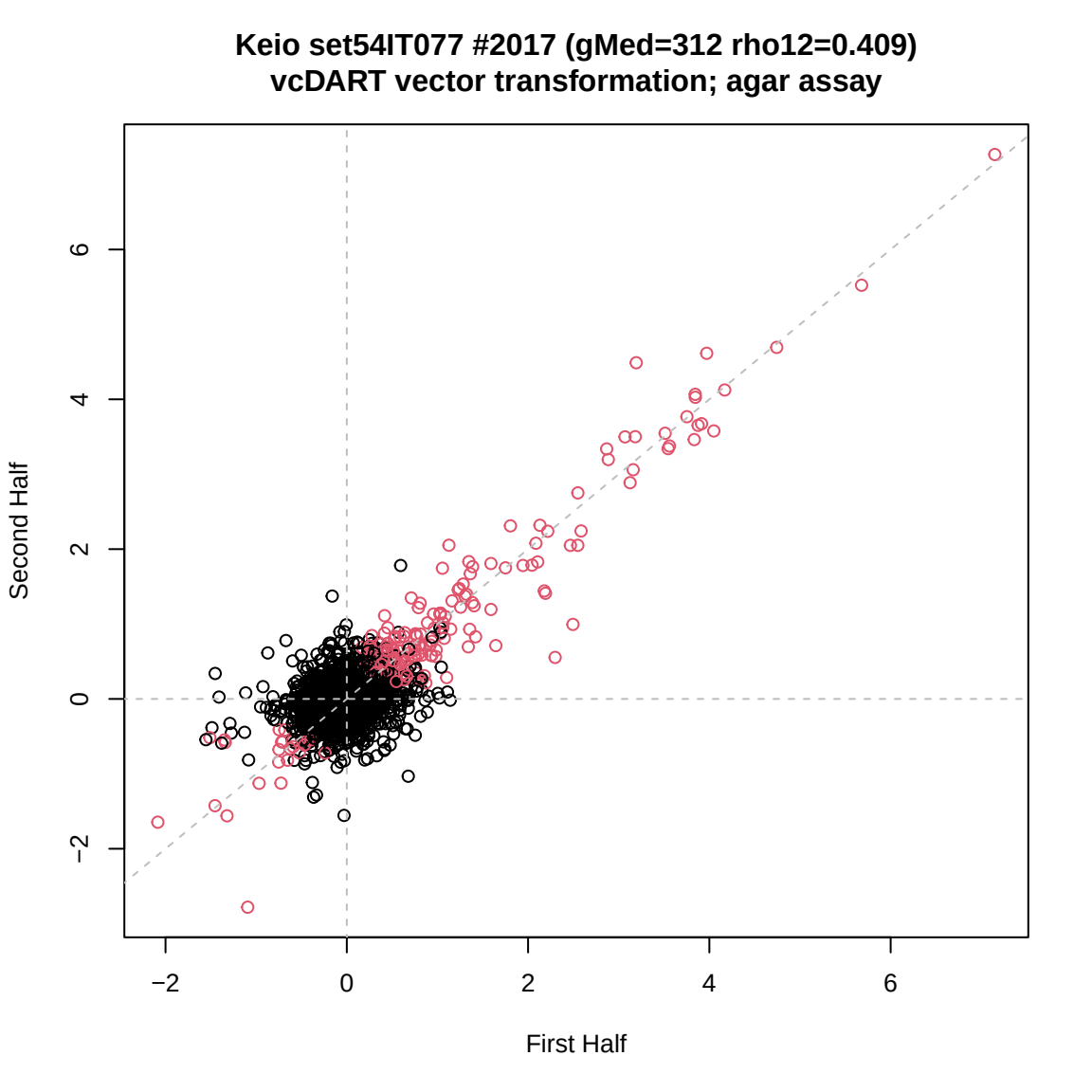

Keio set53IT093 #2012 (gMed=47 rho12=0.192)
M9 Aerobic with Capecitabine 6.957 mM 48 hr
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

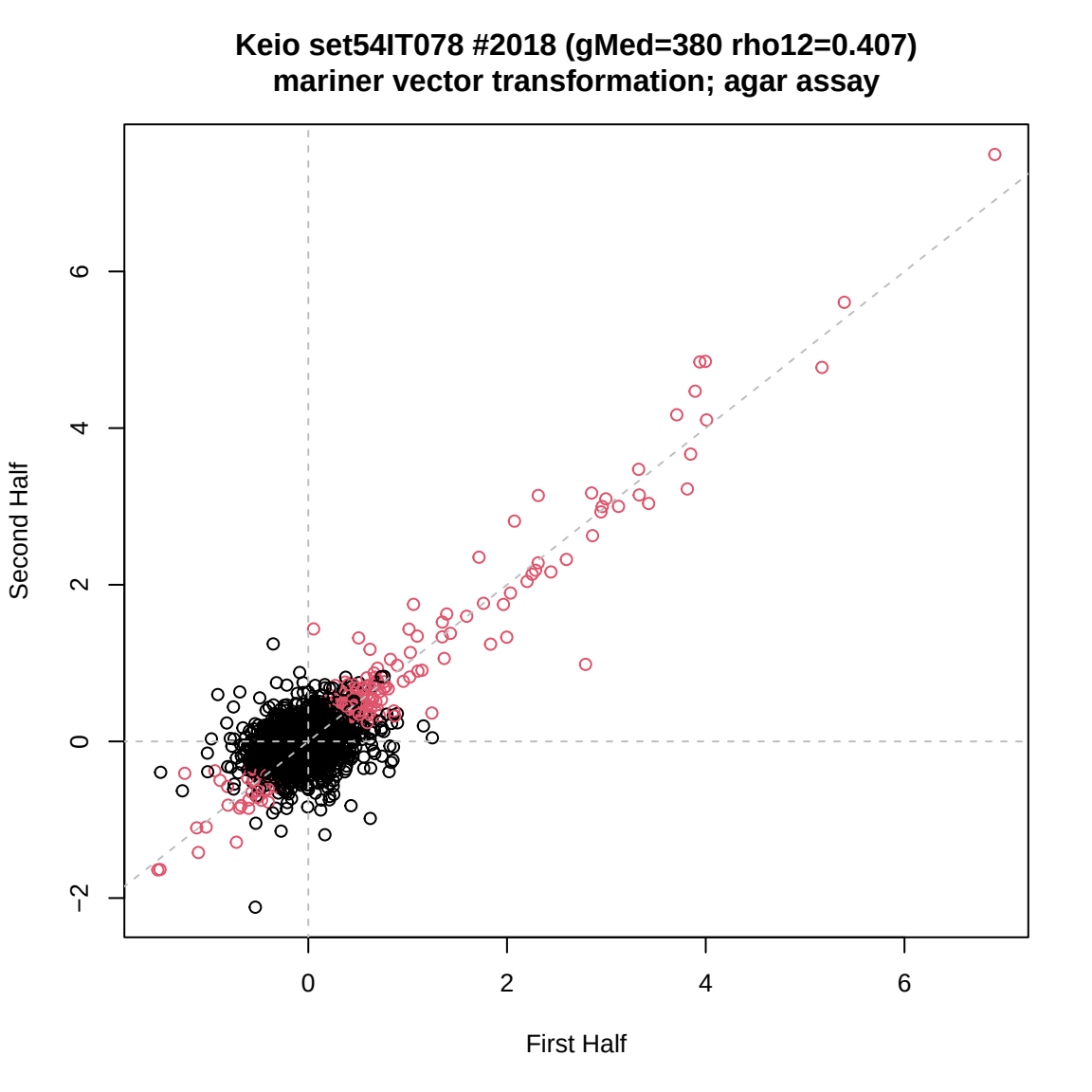

Keio set53IT094 #2013 (gMed=130 rho12=0.069)
M9 Anaerobic with Capecitabine 6.957 mM 48 hr
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

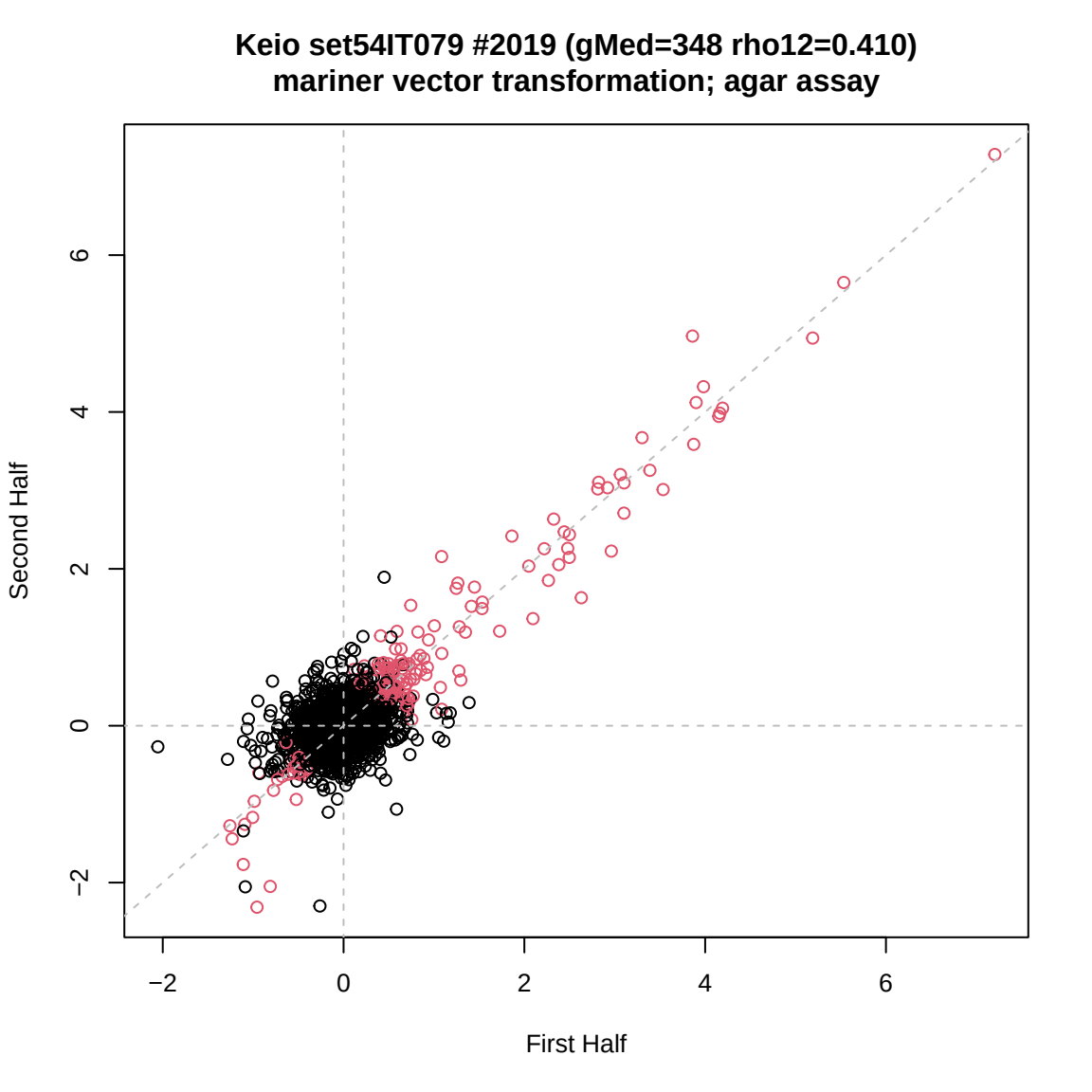

Keio set53IT095 #2014 (gMed=406 rho12=0.023)
Time0
Second Half
First Half
2
1
0
−1
−1.0
−0.5
0.0
0.5
1.0

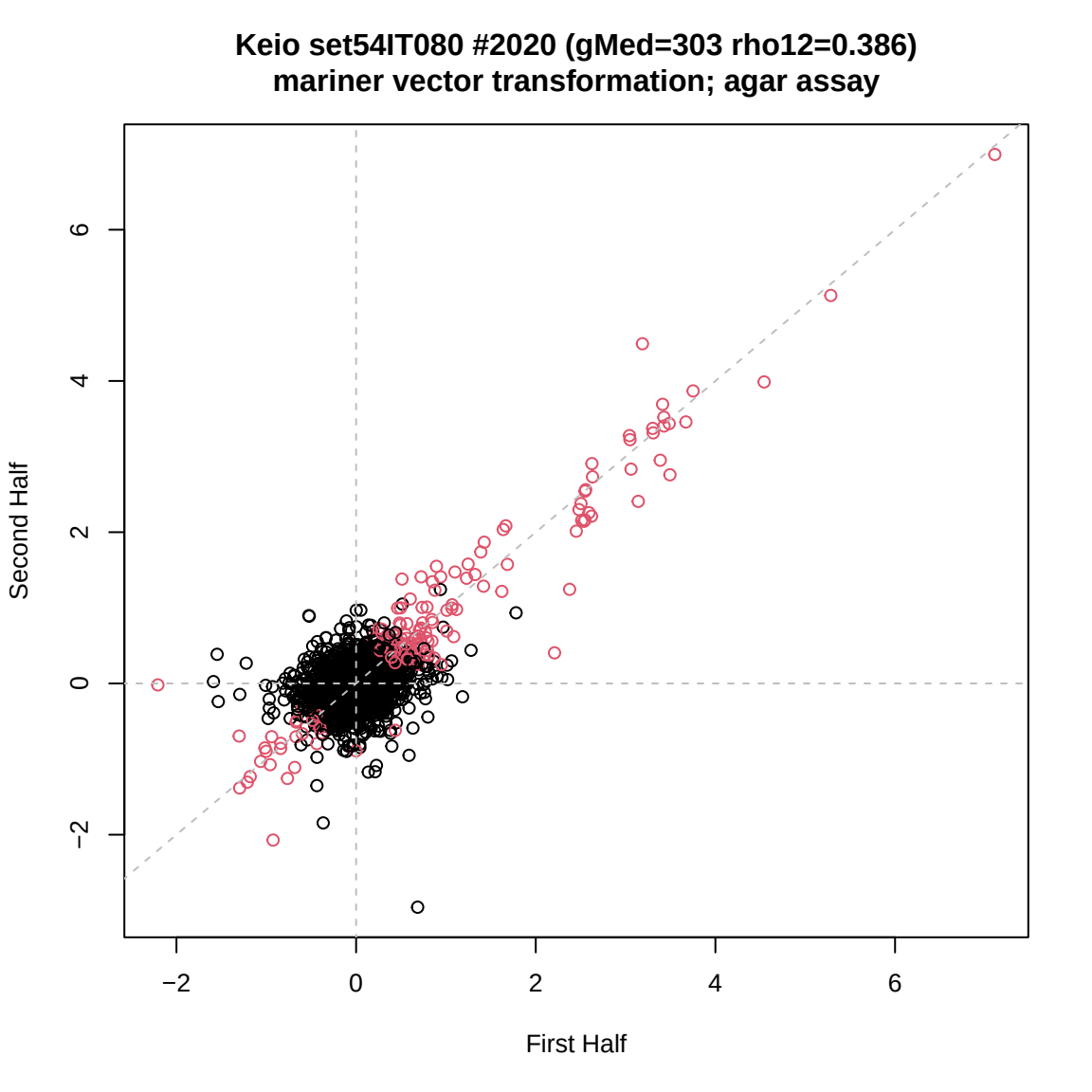

Keio set54IT075 #2015 (gMed=276 rho12=0.424)
vcDART vector transformation; agar assay
Second Half
First Half
−2
0
2
4
6

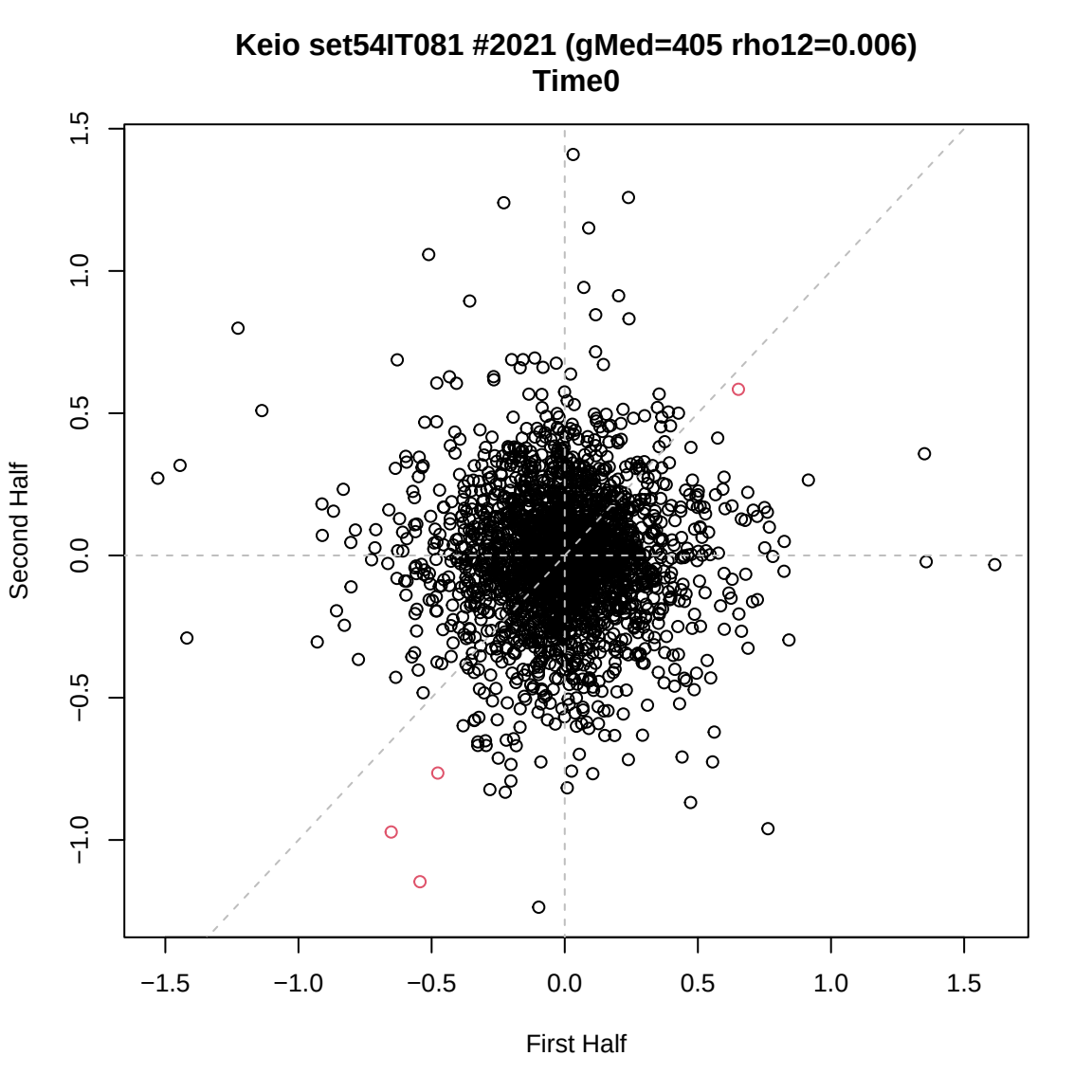

Keio set54IT076 #2016 (gMed=291 rho12=0.454)
vcDART vector transformation; agar assay
Second Half
First Half
−2
0
2
4
6

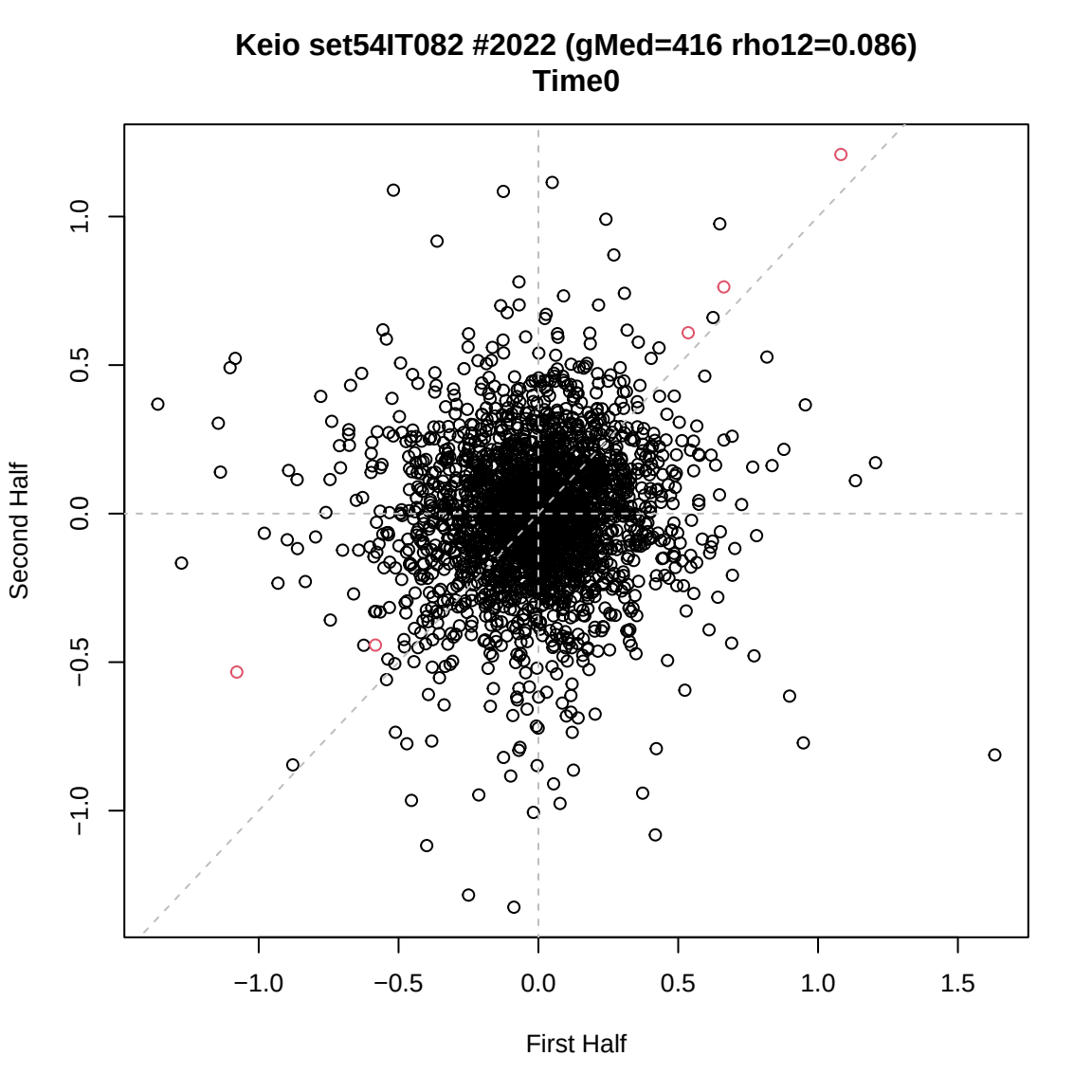

Keio set54IT077 #2017 (gMed=312 rho12=0.409)
vcDART vector transformation; agar assay
Second Half
First Half
−2
0
2
4
6
−2
0
2
4
6

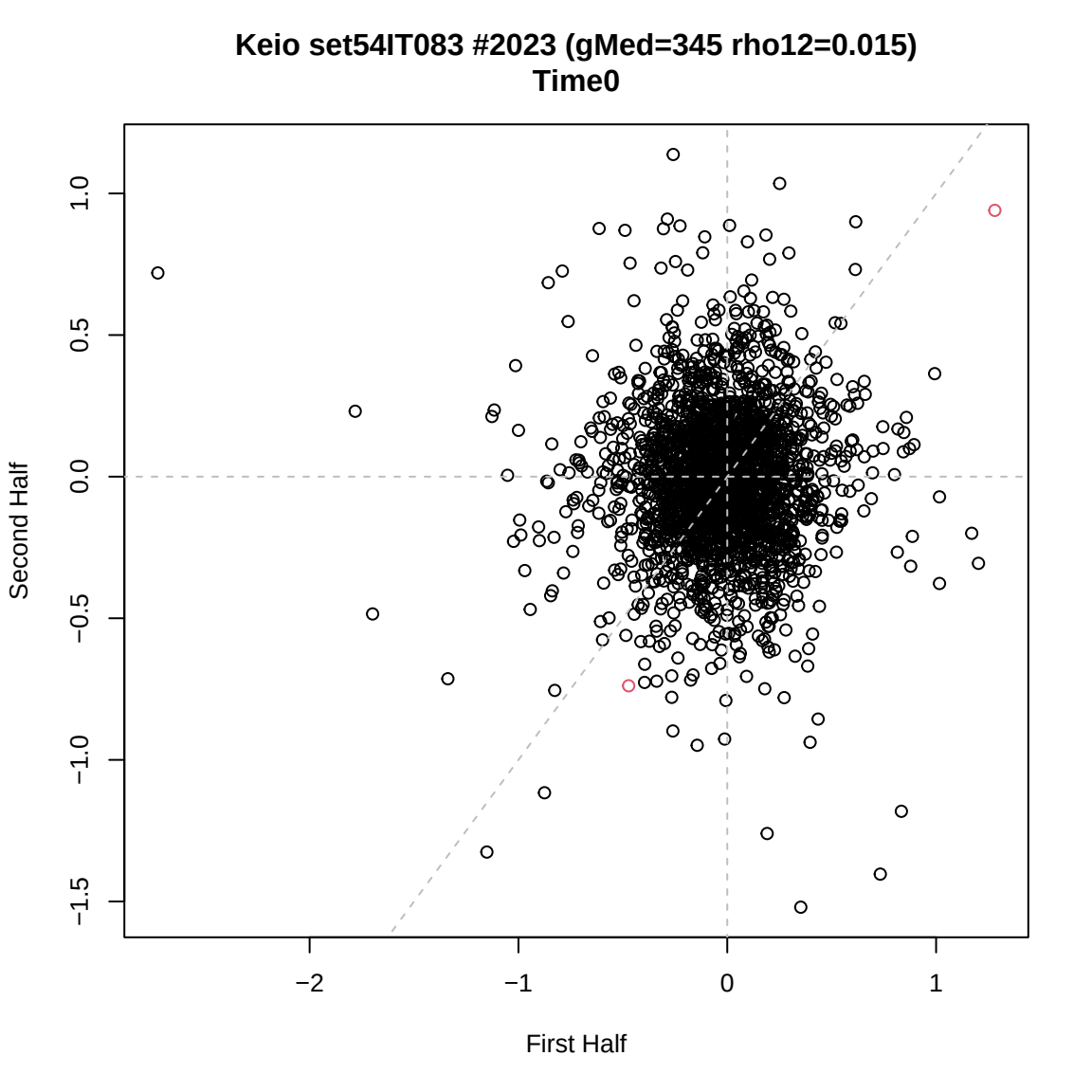

Keio set54IT078 #2018 (gMed=380 rho12=0.407)
mariner vector transformation; agar assay
Second Half
First Half
−2
0
2
4
6
0
2
4
6

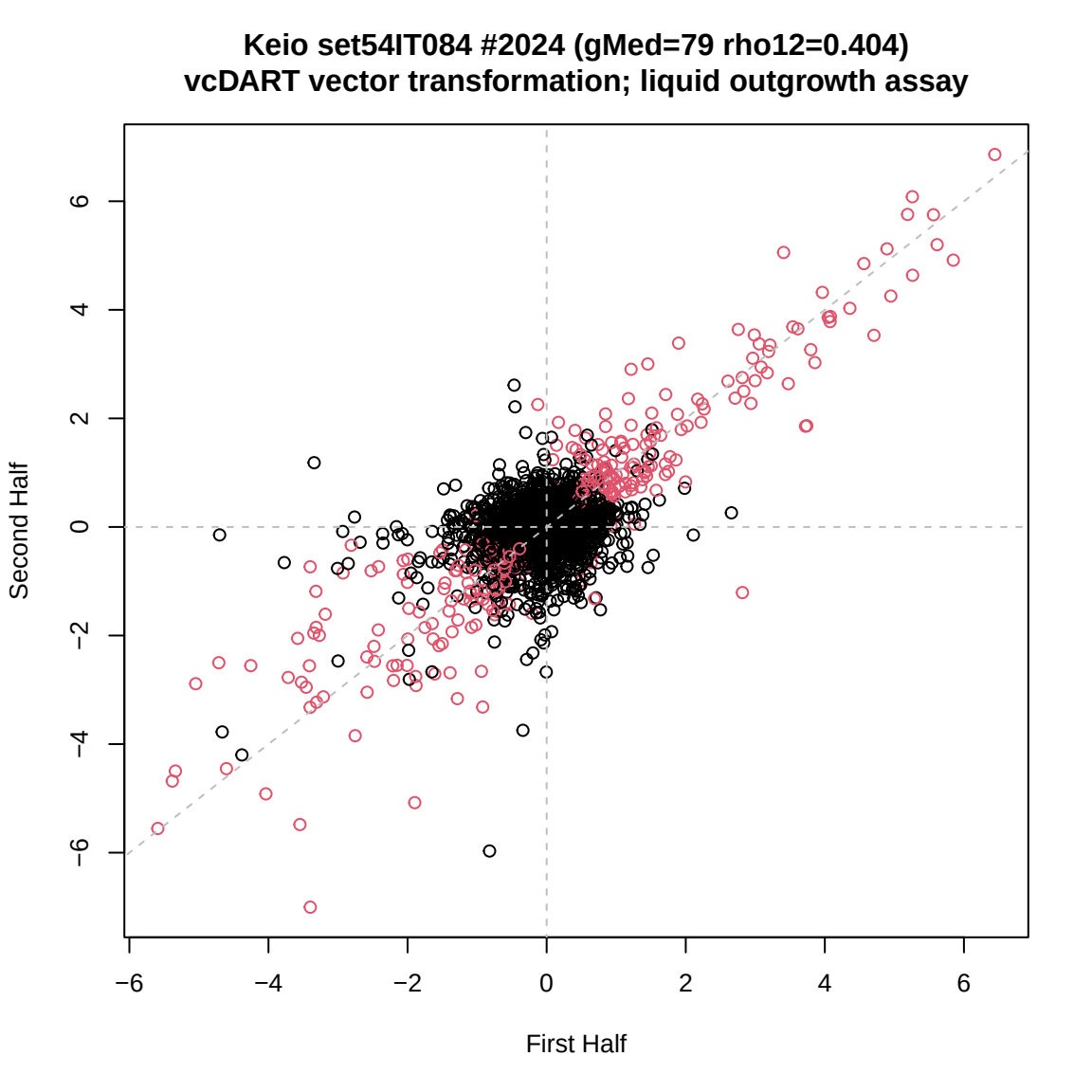

Keio set54IT079 #2019 (gMed=348 rho12=0.410)
mariner vector transformation; agar assay
Second Half
First Half
−2
0
2
4
6

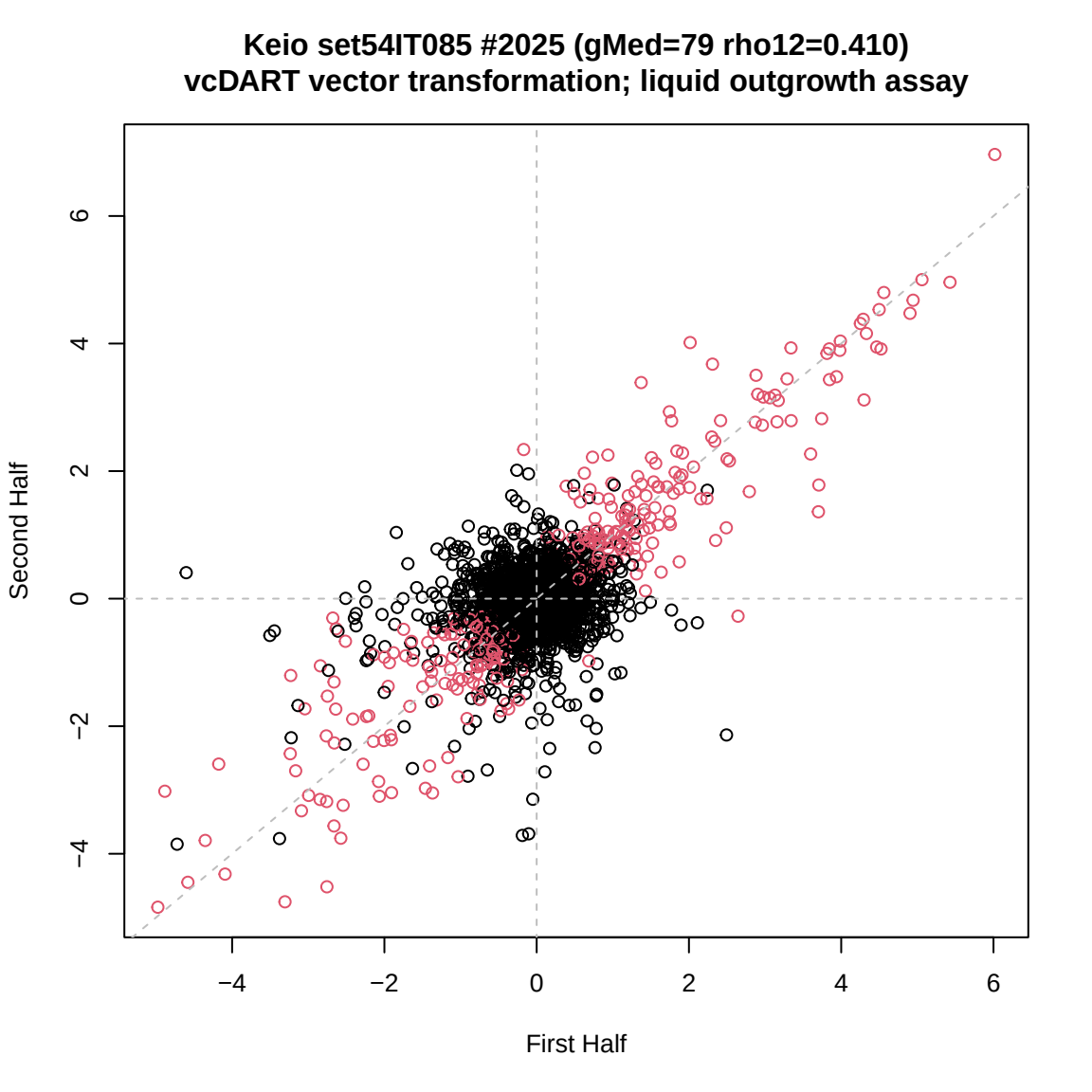

Keio set54IT080 #2020 (gMed=303 rho12=0.386)
mariner vector transformation; agar assay
Second Half
First Half
−2
0
2
4
6
−2
0
2
4
6

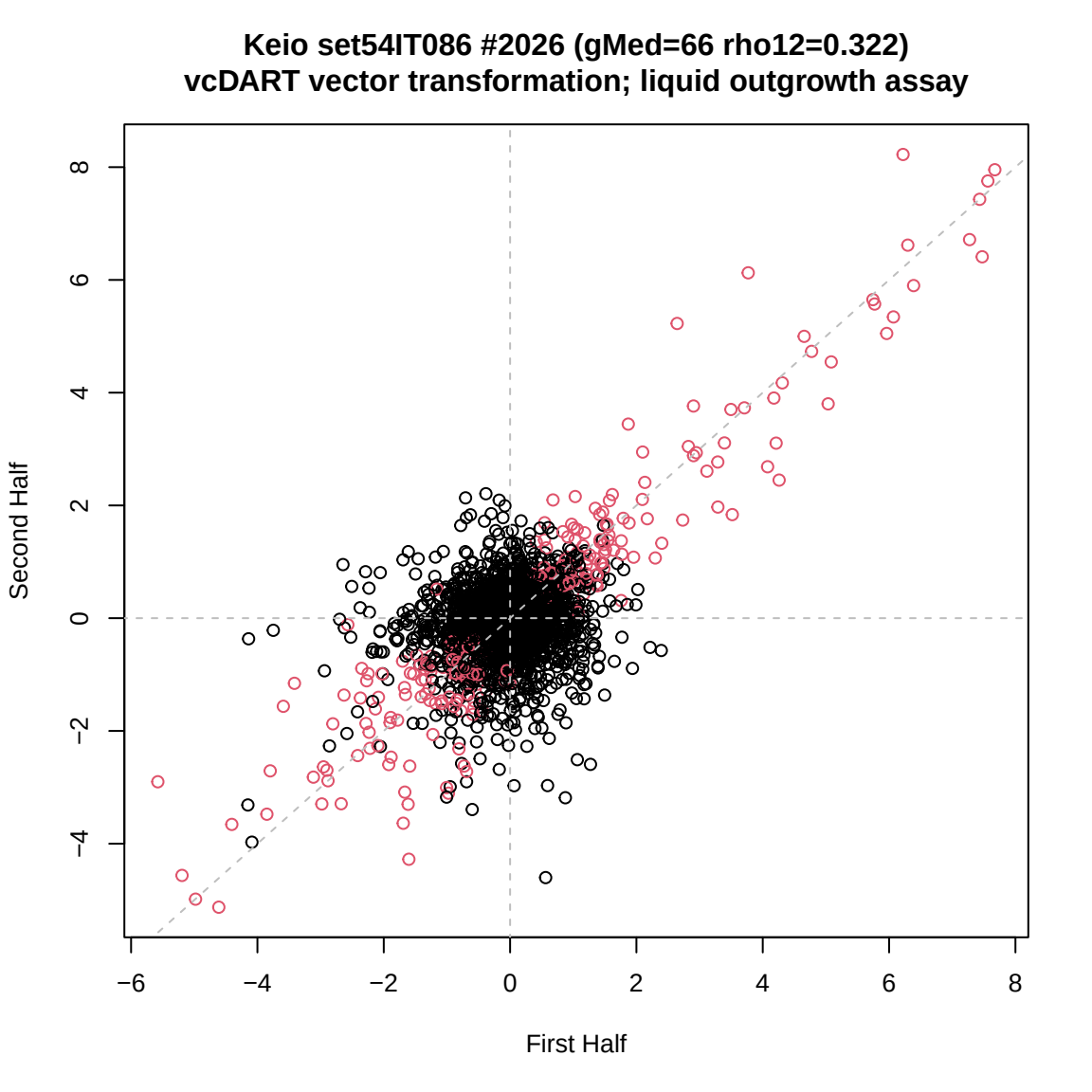

Keio set54IT081 #2021 (gMed=405 rho12=0.006)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

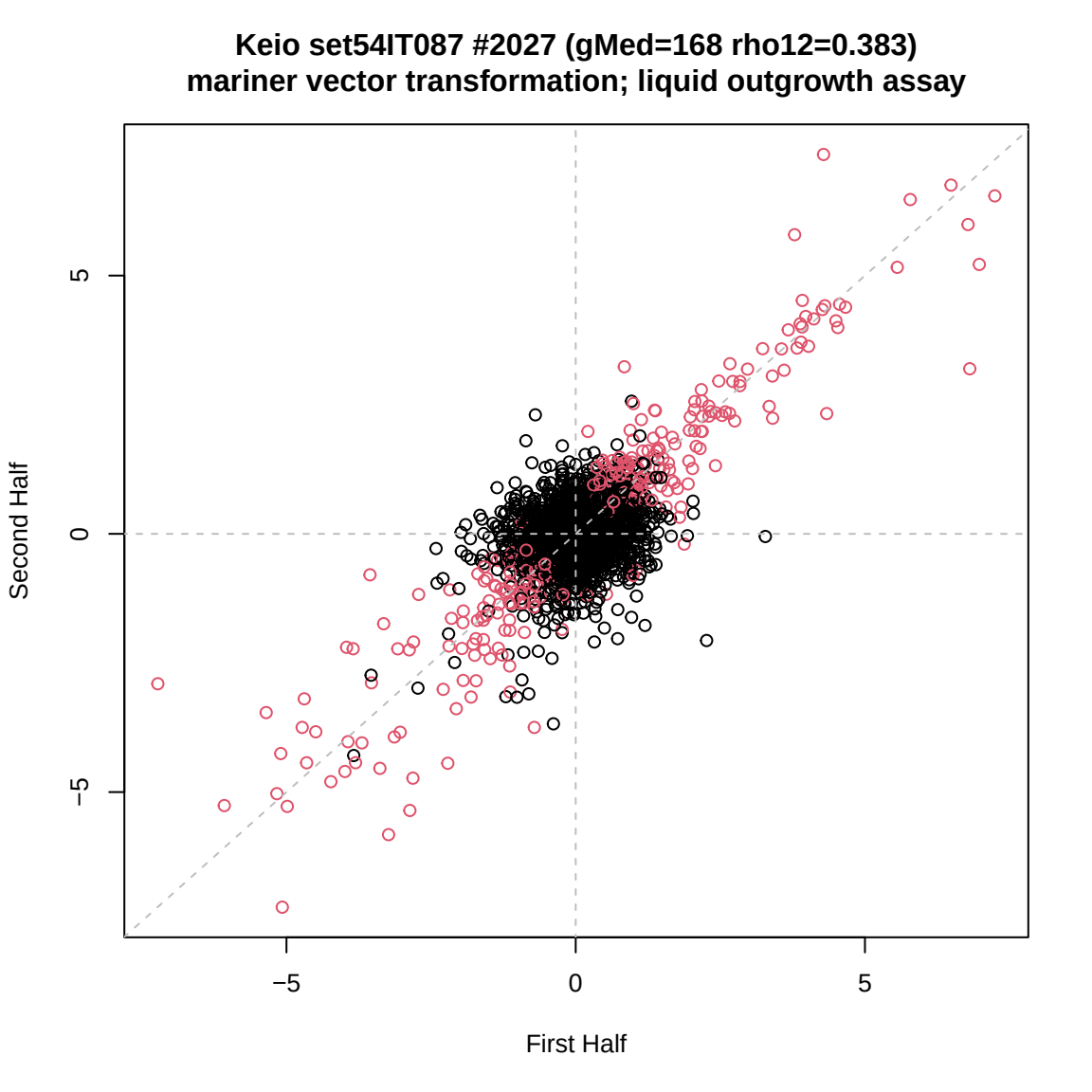

Keio set54IT082 #2022 (gMed=416 rho12=0.086)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

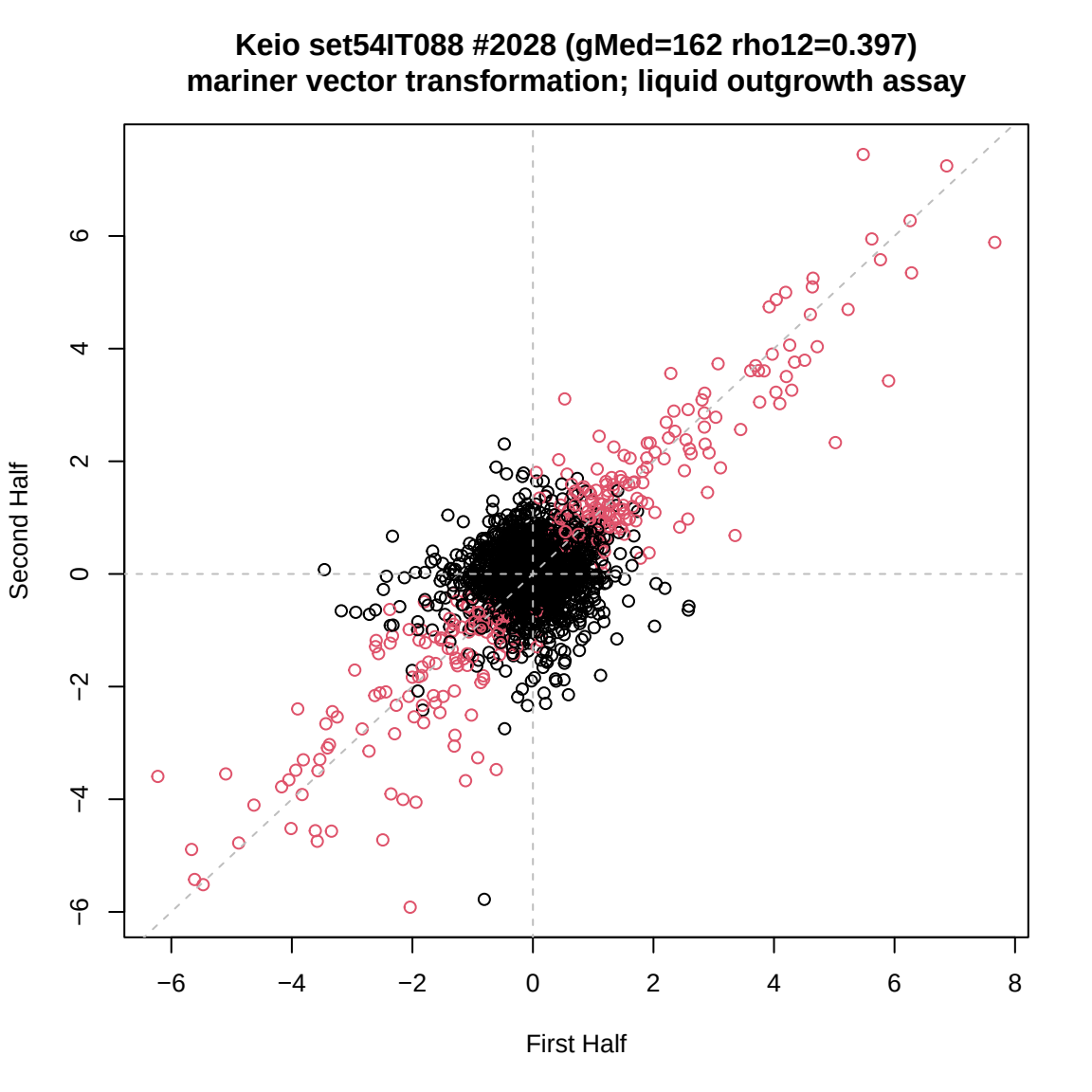

Keio set54IT083 #2023 (gMed=345 rho12=0.015)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

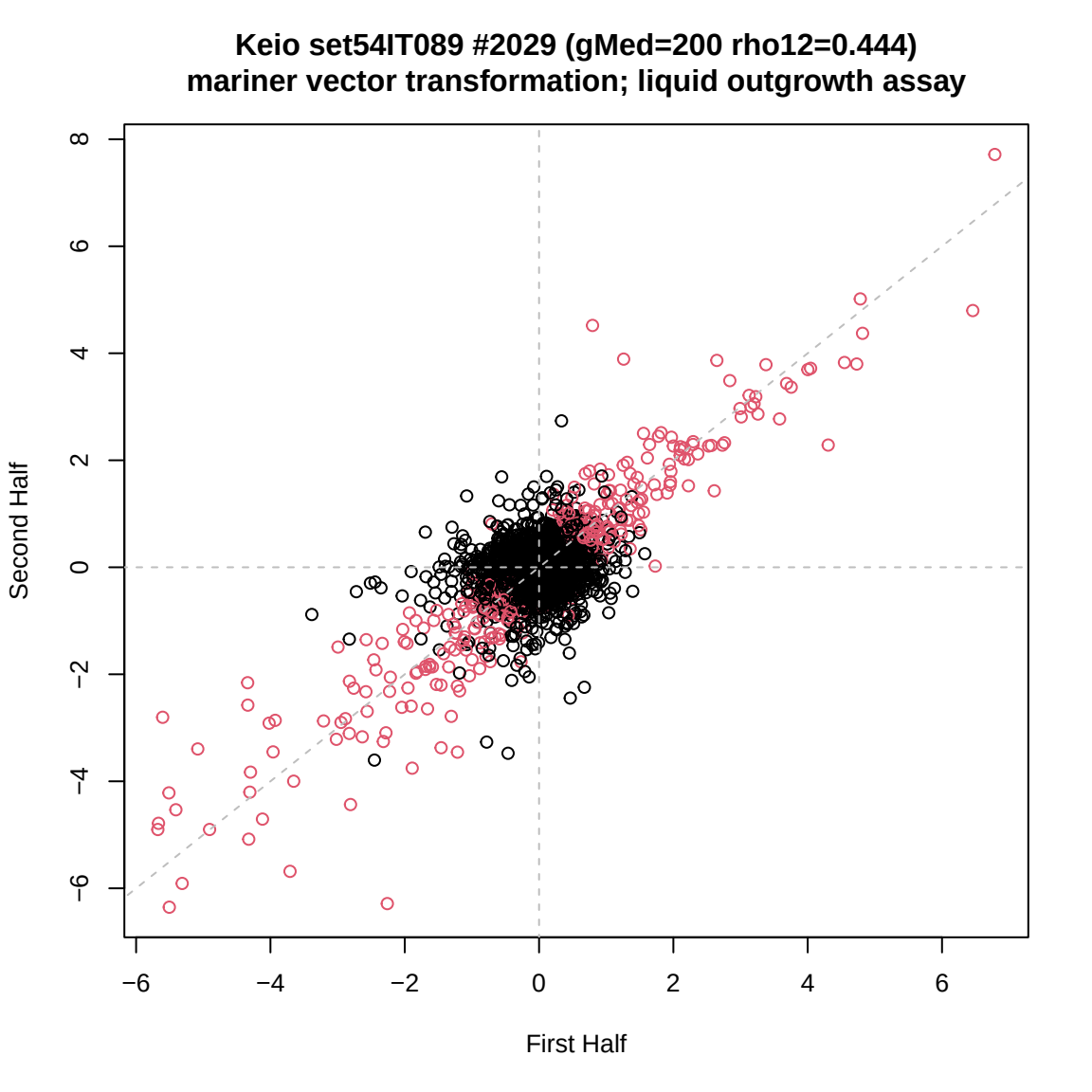

Keio set54IT084 #2024 (gMed=79 rho12=0.404)
vcDART vector transformation; liquid outgrowth assay
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

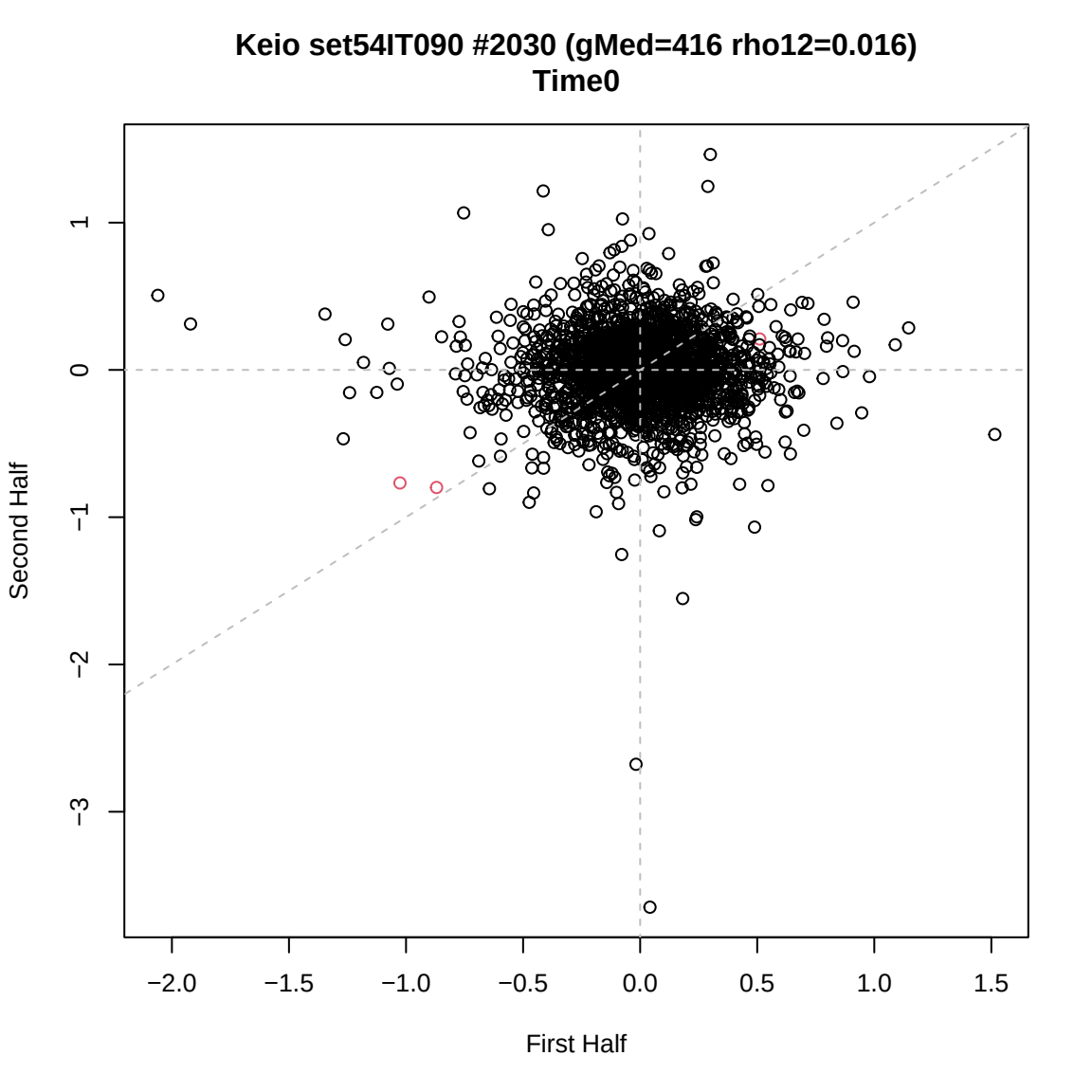

Keio set54IT085 #2025 (gMed=79 rho12=0.410)
vcDART vector transformation; liquid outgrowth assay
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

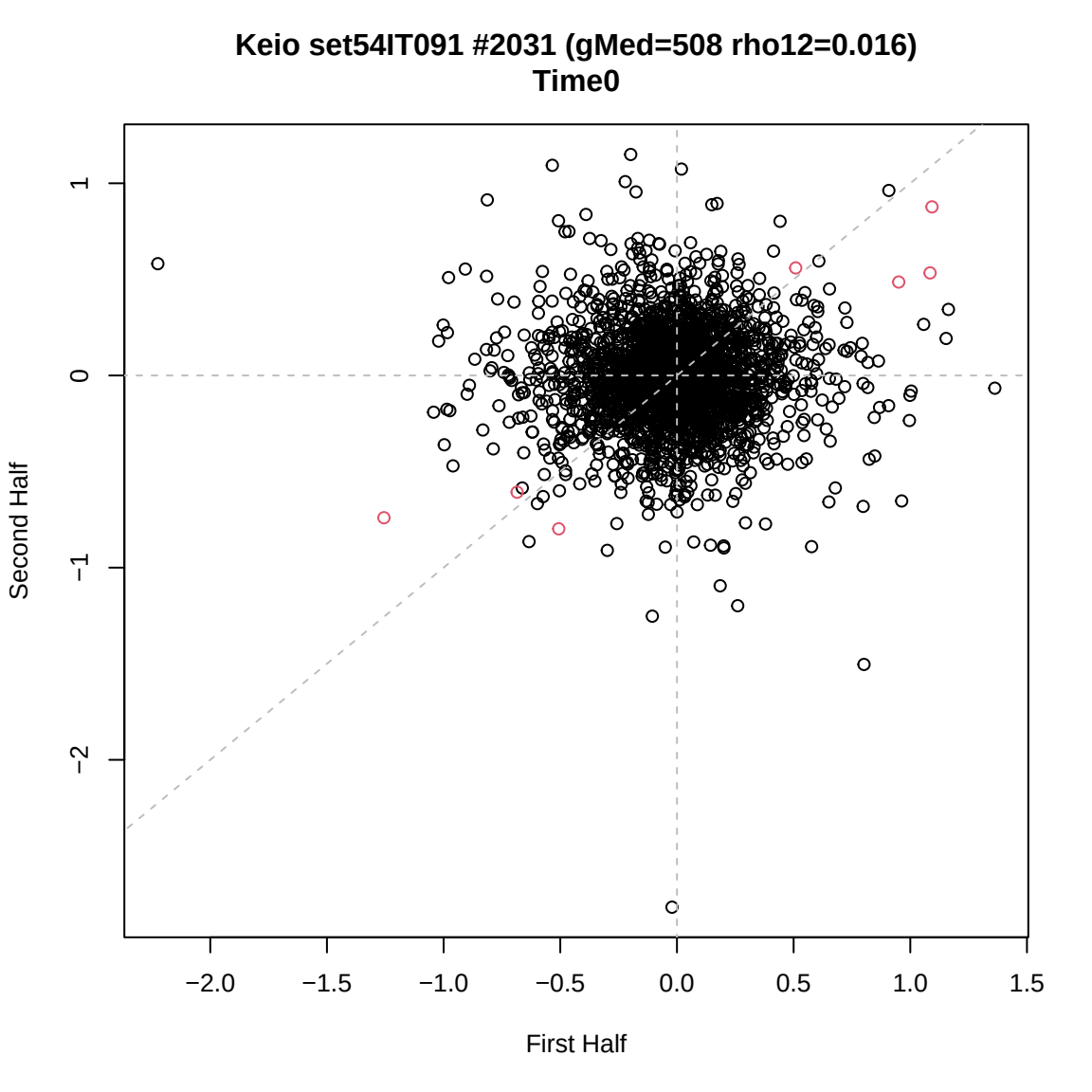

Keio set54IT086 #2026 (gMed=66 rho12=0.322)
vcDART vector transformation; liquid outgrowth assay
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6
8

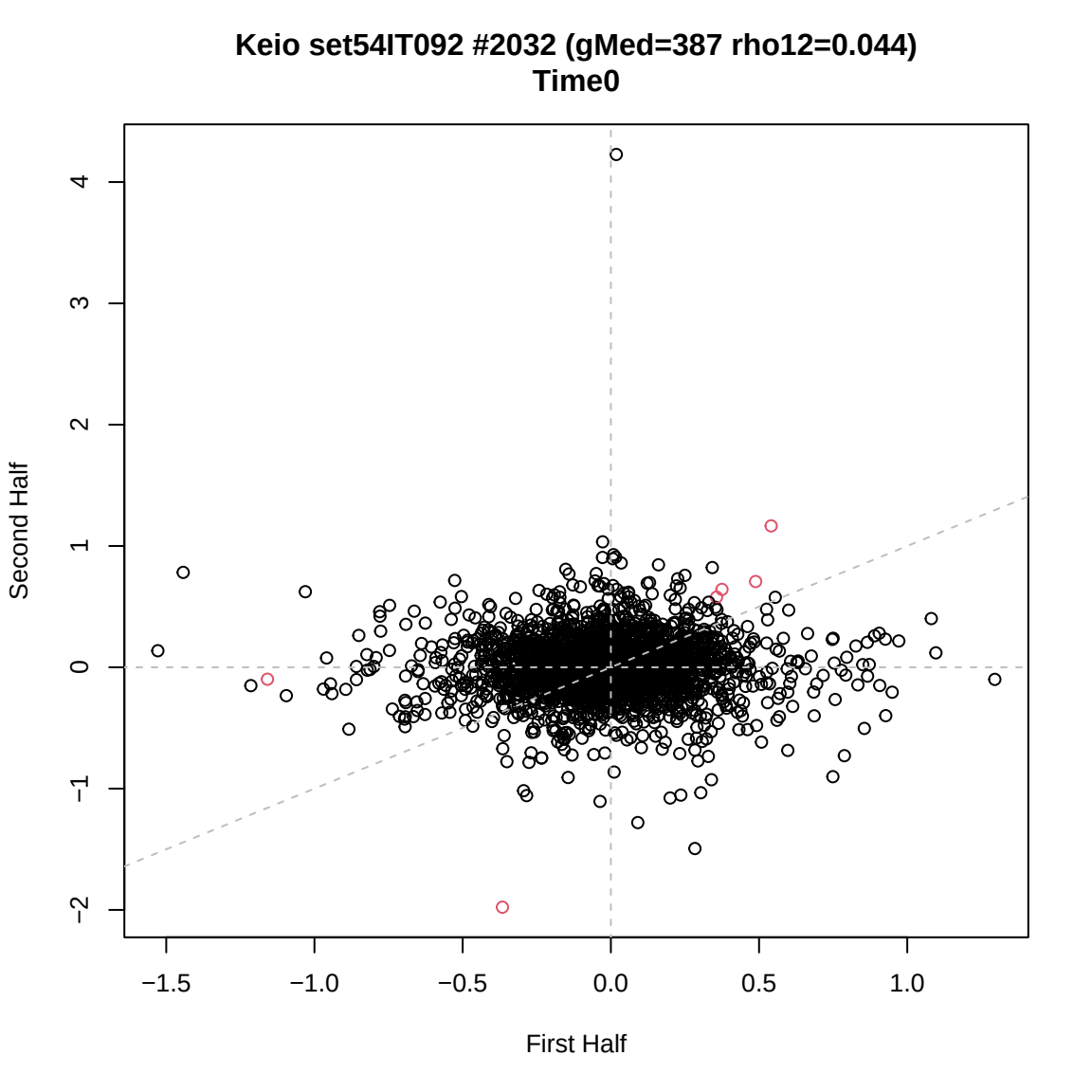

Keio set54IT087 #2027 (gMed=168 rho12=0.383)
mariner vector transformation; liquid outgrowth assay
Second Half
First Half
5
0
−5
−5
0
5

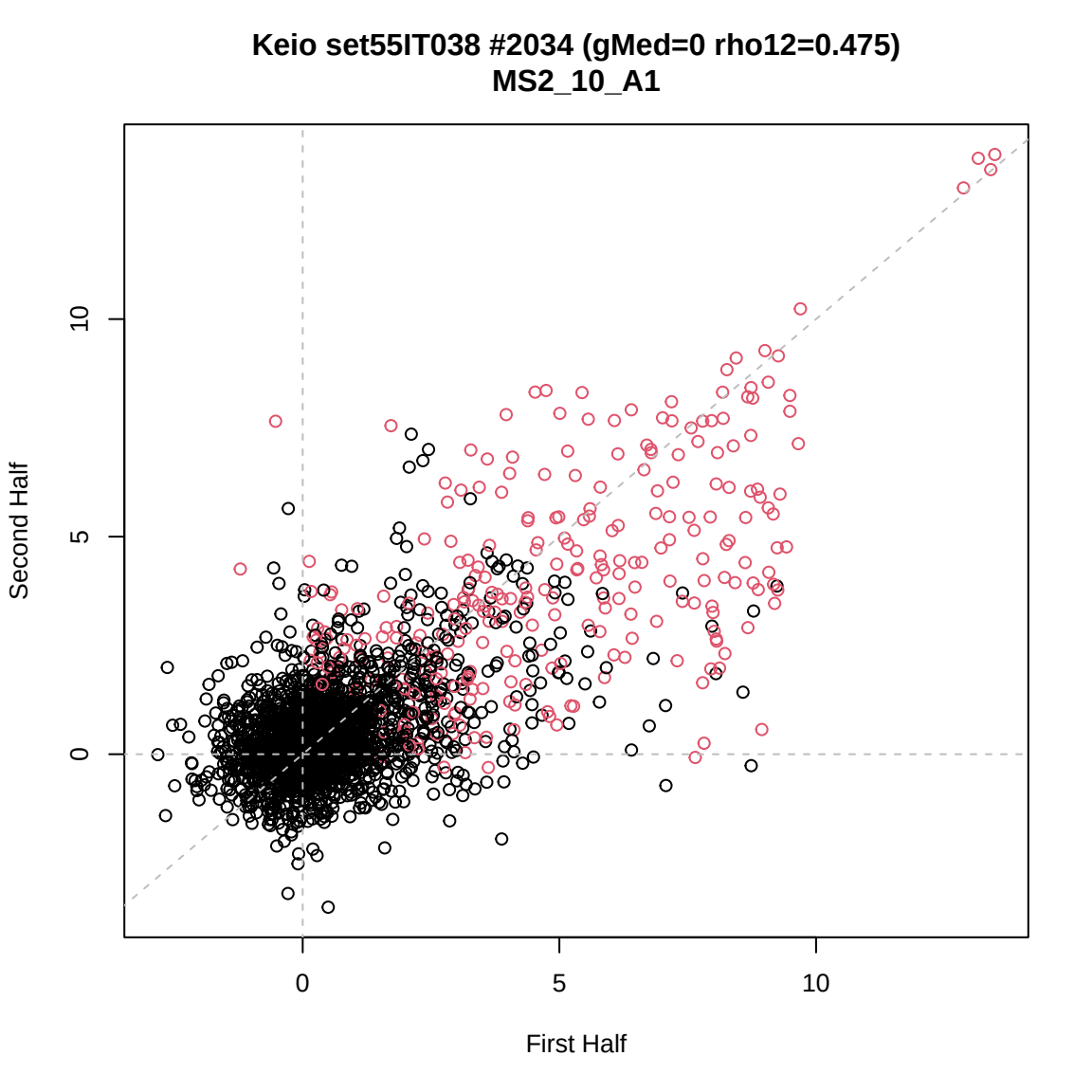

Keio set54IT088 #2028 (gMed=162 rho12=0.397)
mariner vector transformation; liquid outgrowth assay
Second Half
First Half
−6
−4
−2
0
2
4
6
8

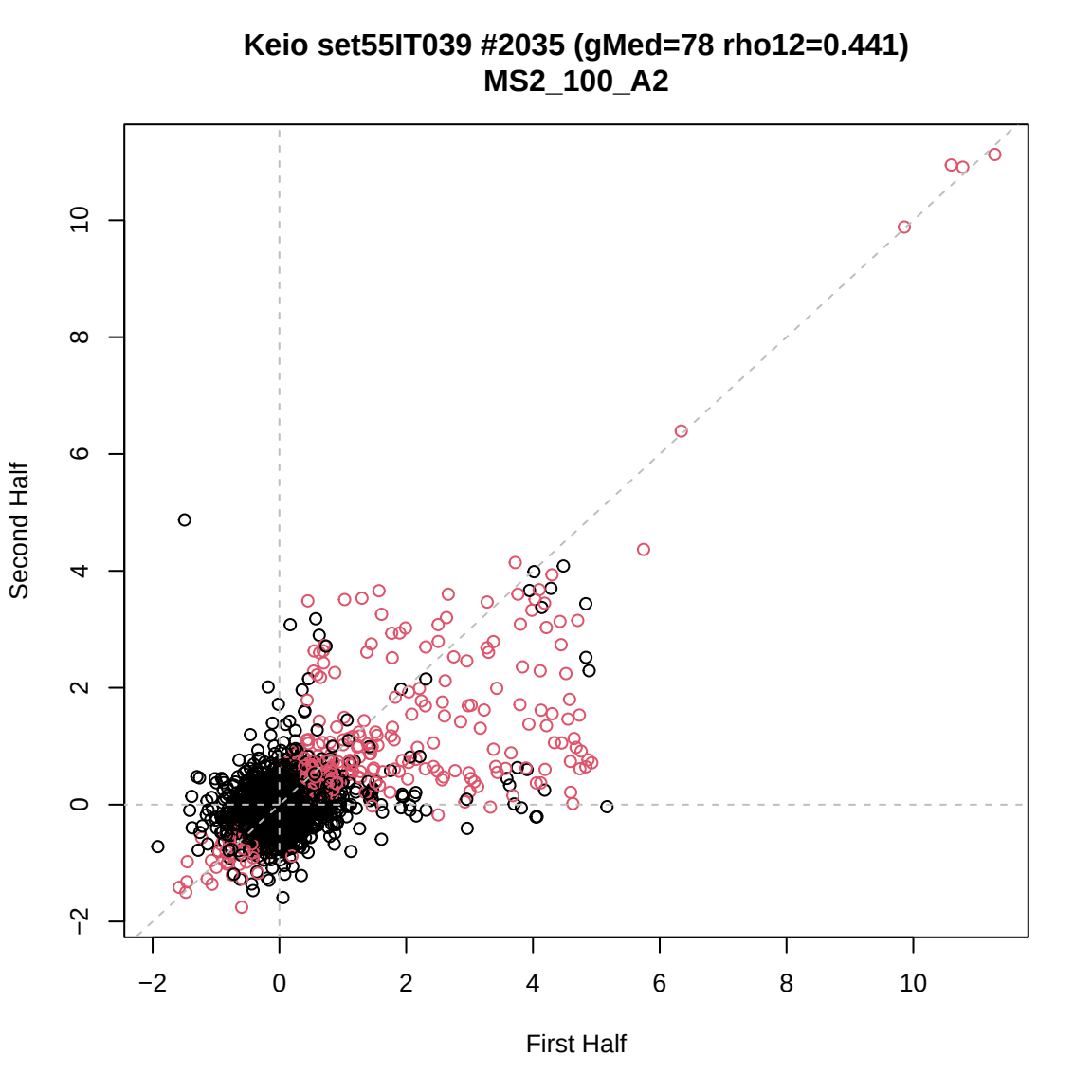

Keio set54IT089 #2029 (gMed=200 rho12=0.444)
mariner vector transformation; liquid outgrowth assay
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

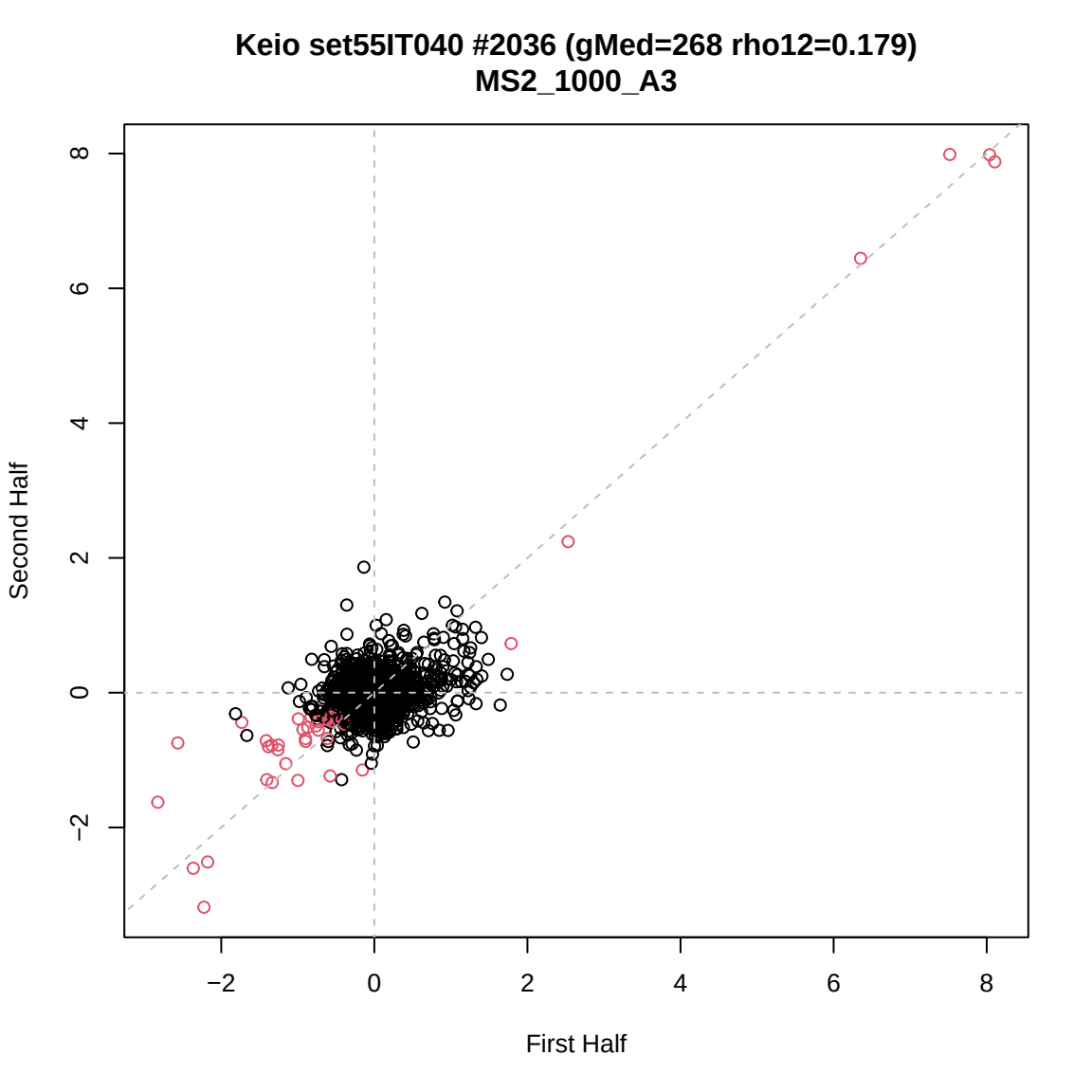

Keio set54IT090 #2030 (gMed=416 rho12=0.016)
Time0
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

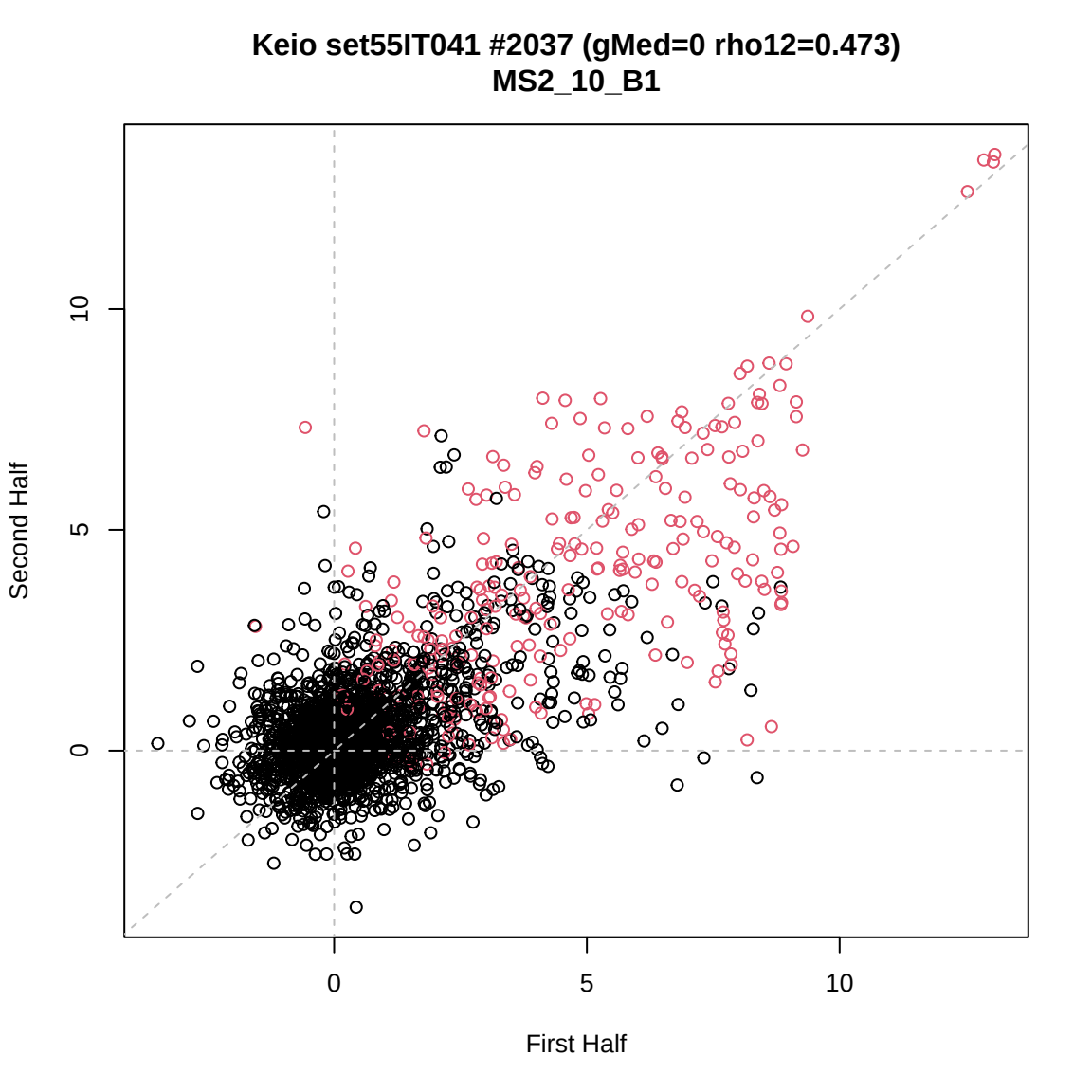

Keio set54IT091 #2031 (gMed=508 rho12=0.016)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

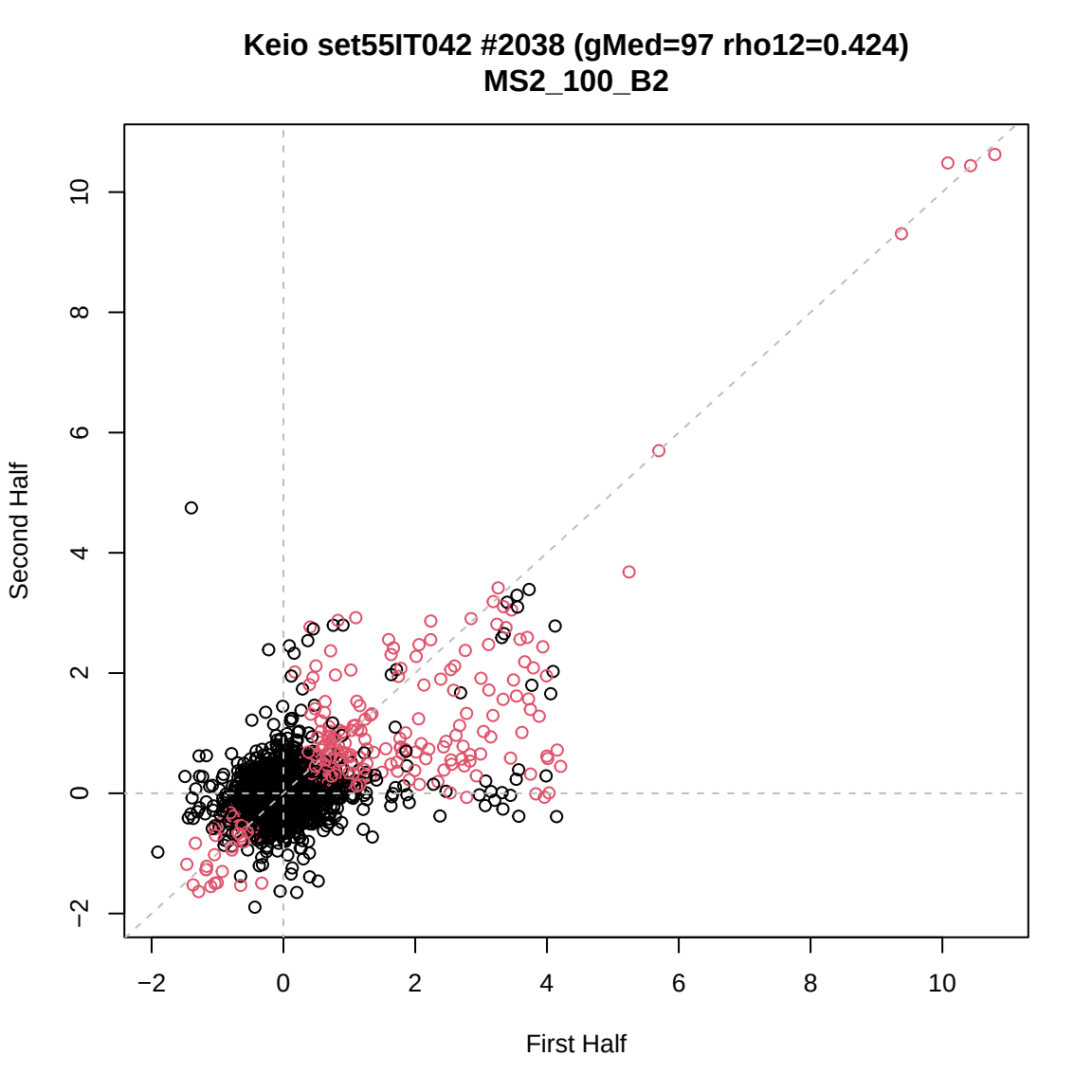

Keio set54IT092 #2032 (gMed=387 rho12=0.044)
Time0
Second Half
First Half
4
3
2
1
0
−1
−2
−1.5
−1.0
−0.5
0.0
0.5
1.0

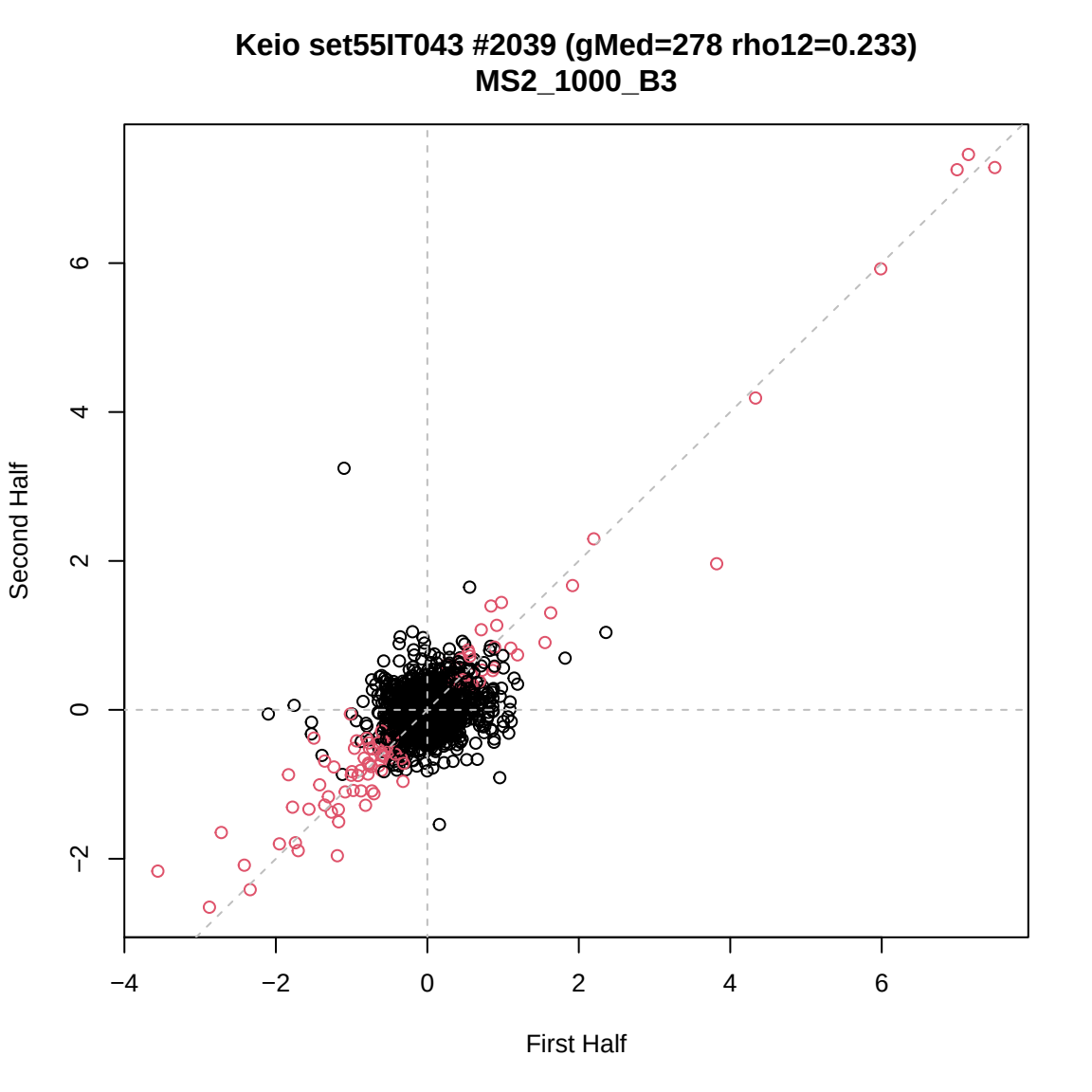

Keio set55IT038 #2034 (gMed=0 rho12=0.475)
MS2_10_A1
Second Half
First Half
0
5
10
0
5
10

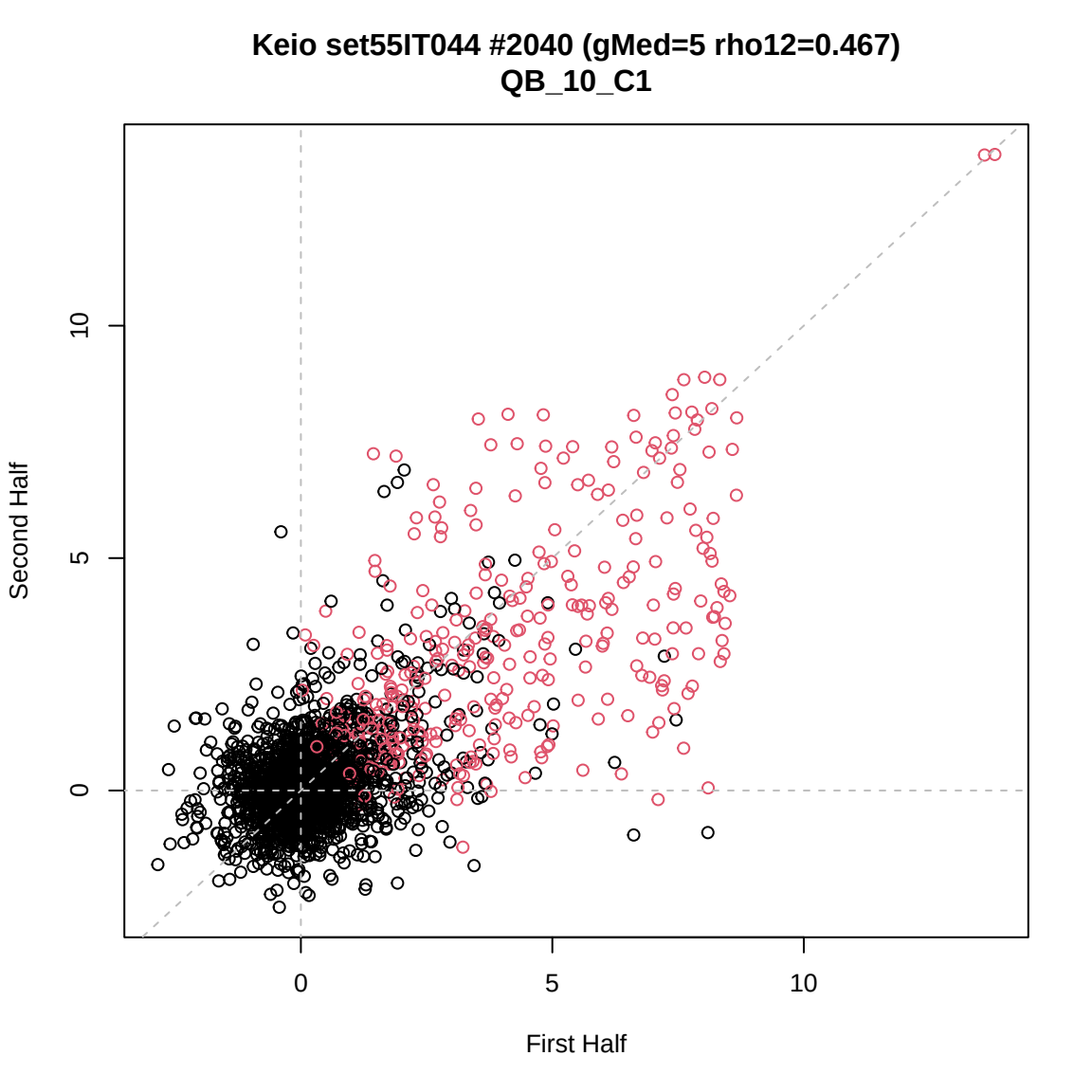

Keio set55IT039 #2035 (gMed=78 rho12=0.441)
MS2_100_A2
Second Half
First Half
−2
0
2
4
6
8
10

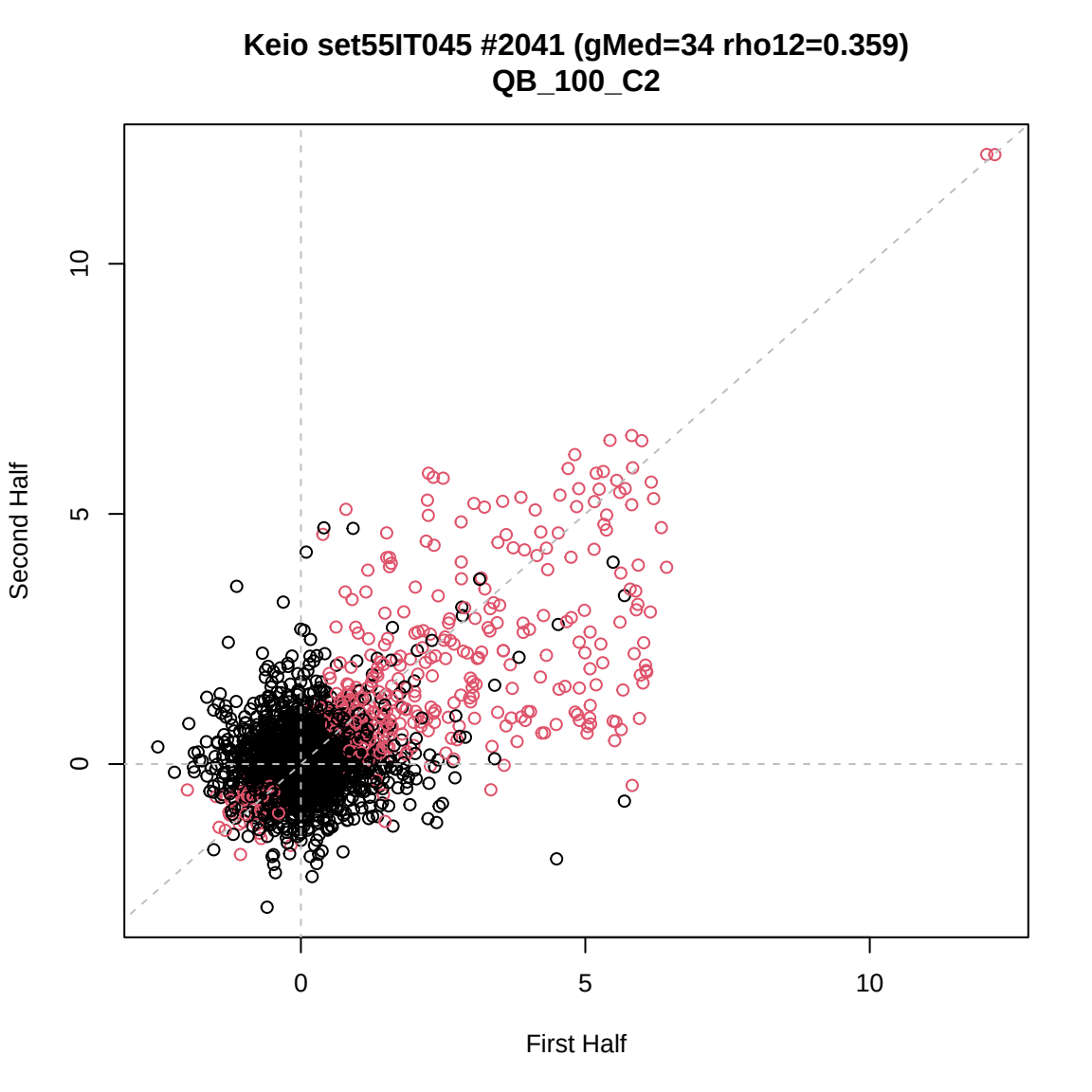

Keio set55IT040 #2036 (gMed=268 rho12=0.179)
MS2_1000_A3
Second Half
First Half
−2
0
2
4
6
8

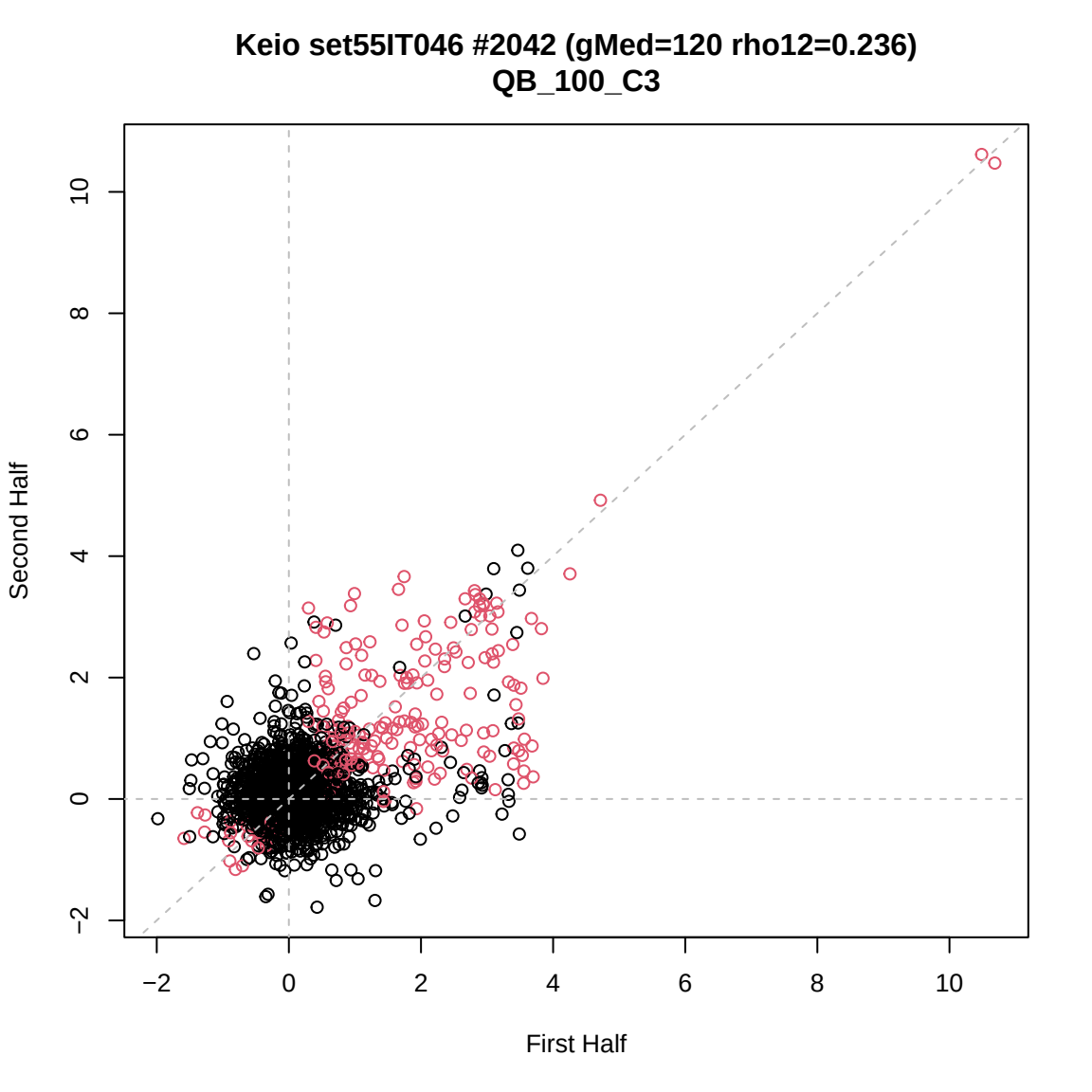

Keio set55IT041 #2037 (gMed=0 rho12=0.473)
MS2_10_B1
Second Half
First Half
0
5
10
0
5
10

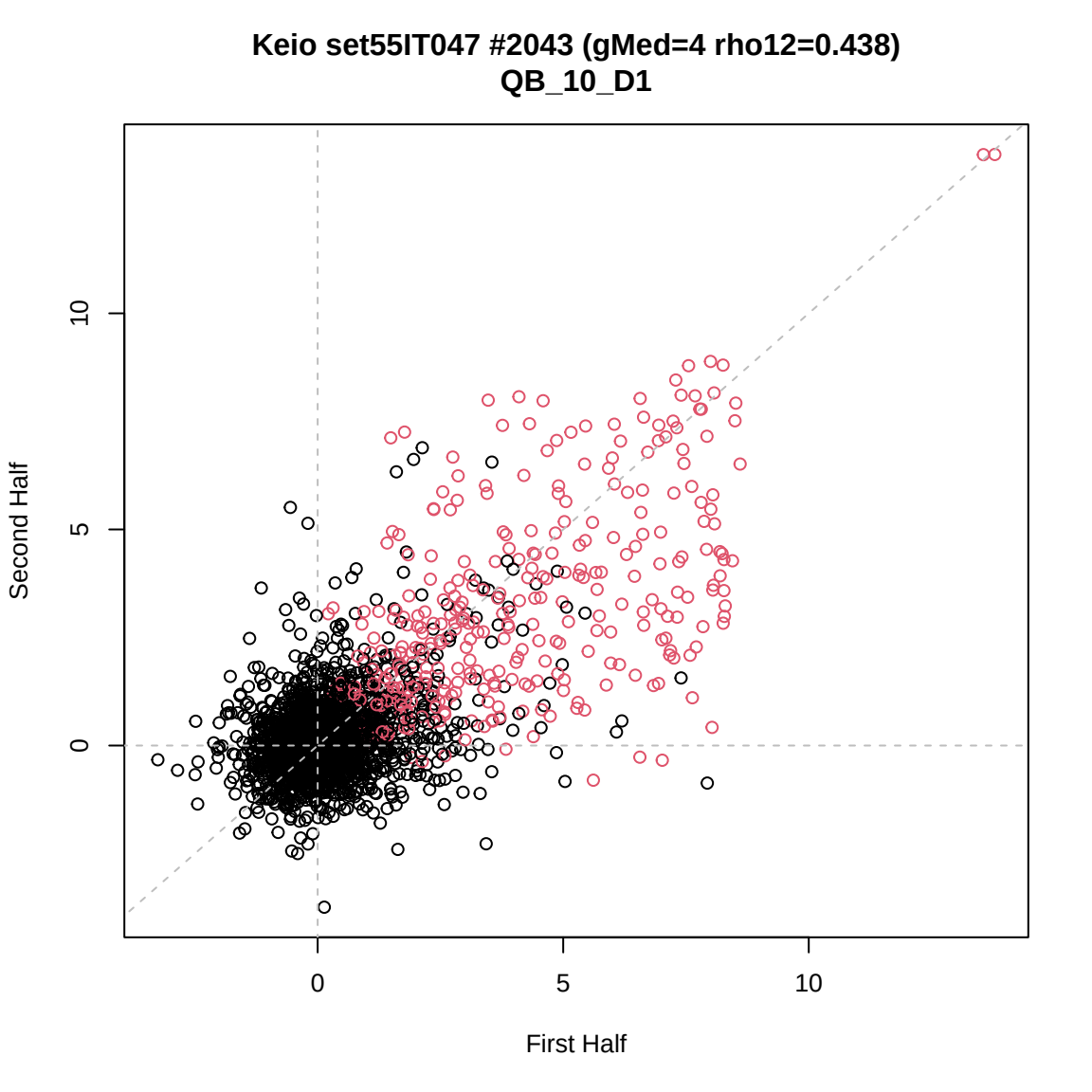

Keio set55IT042 #2038 (gMed=97 rho12=0.424)
MS2_100_B2
Second Half
First Half
−2
0
2
4
6
8
10

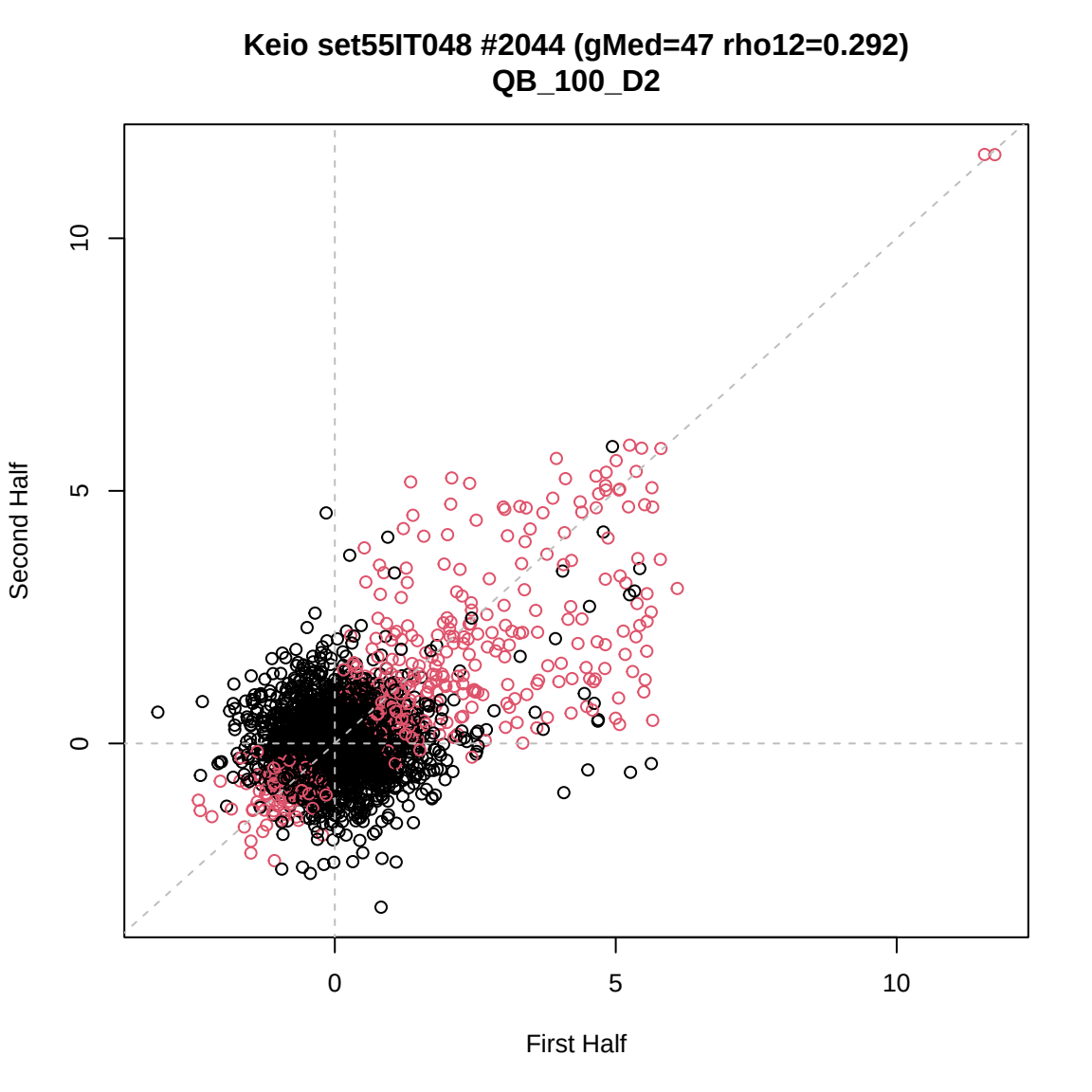

Keio set55IT043 #2039 (gMed=278 rho12=0.233)
MS2_1000_B3
Second Half
First Half
−4
−2
0
2
4
6
−2
0
2
4
6

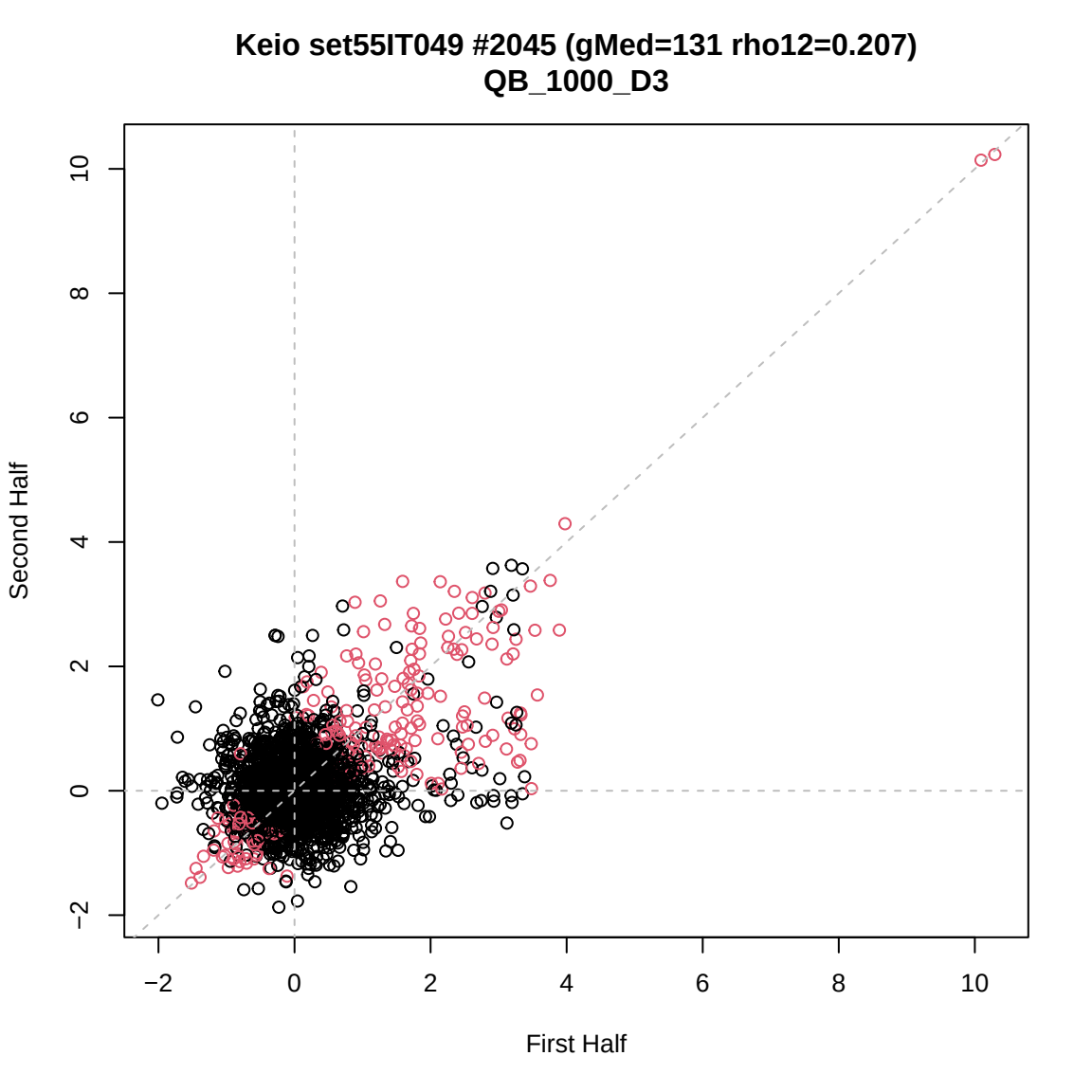

Keio set55IT044 #2040 (gMed=5 rho12=0.467)
QB_10_C1
Second Half
First Half
0
5
10
0
5
10

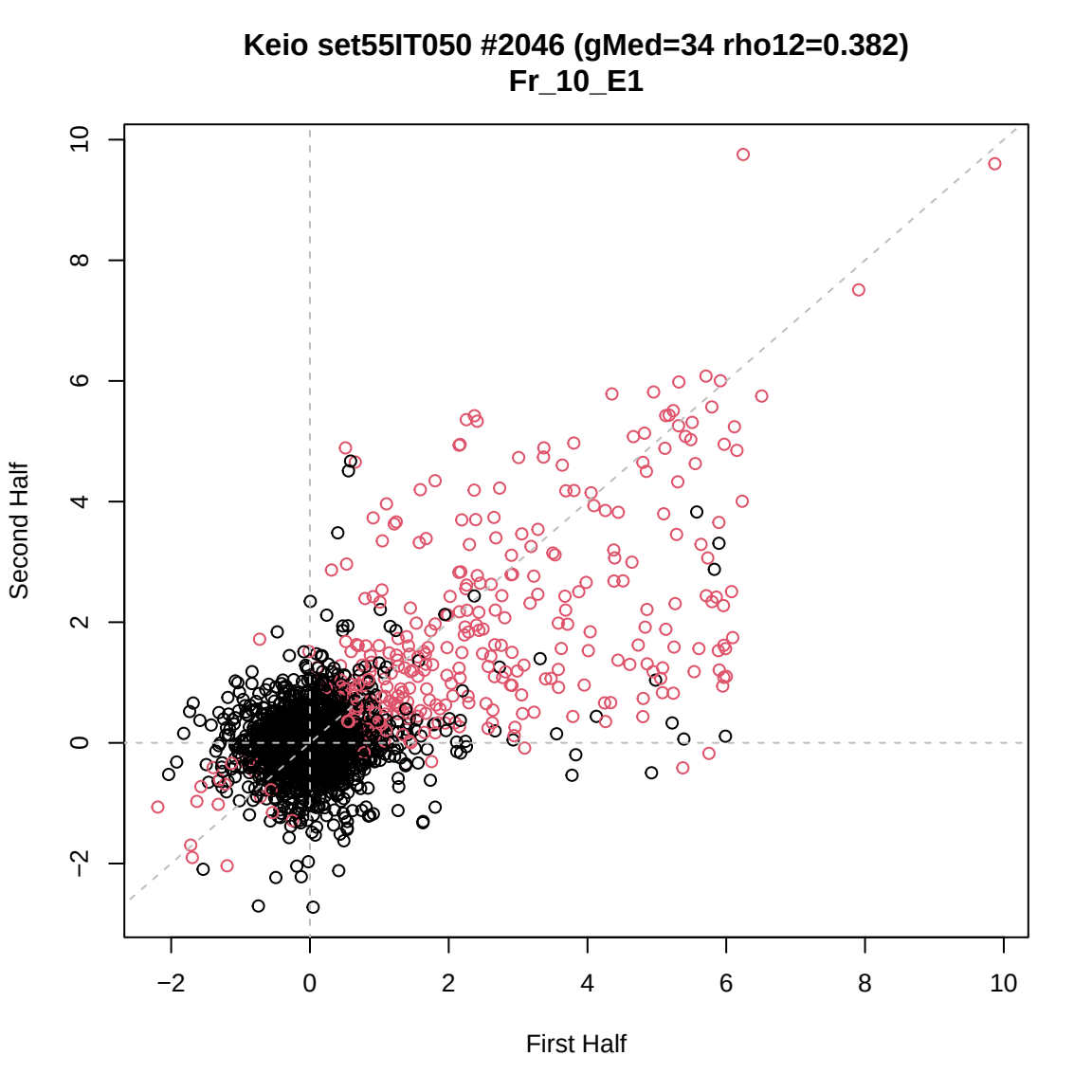

Keio set55IT045 #2041 (gMed=34 rho12=0.359)
QB_100_C2
Second Half
First Half
0
5
10
0
5
10

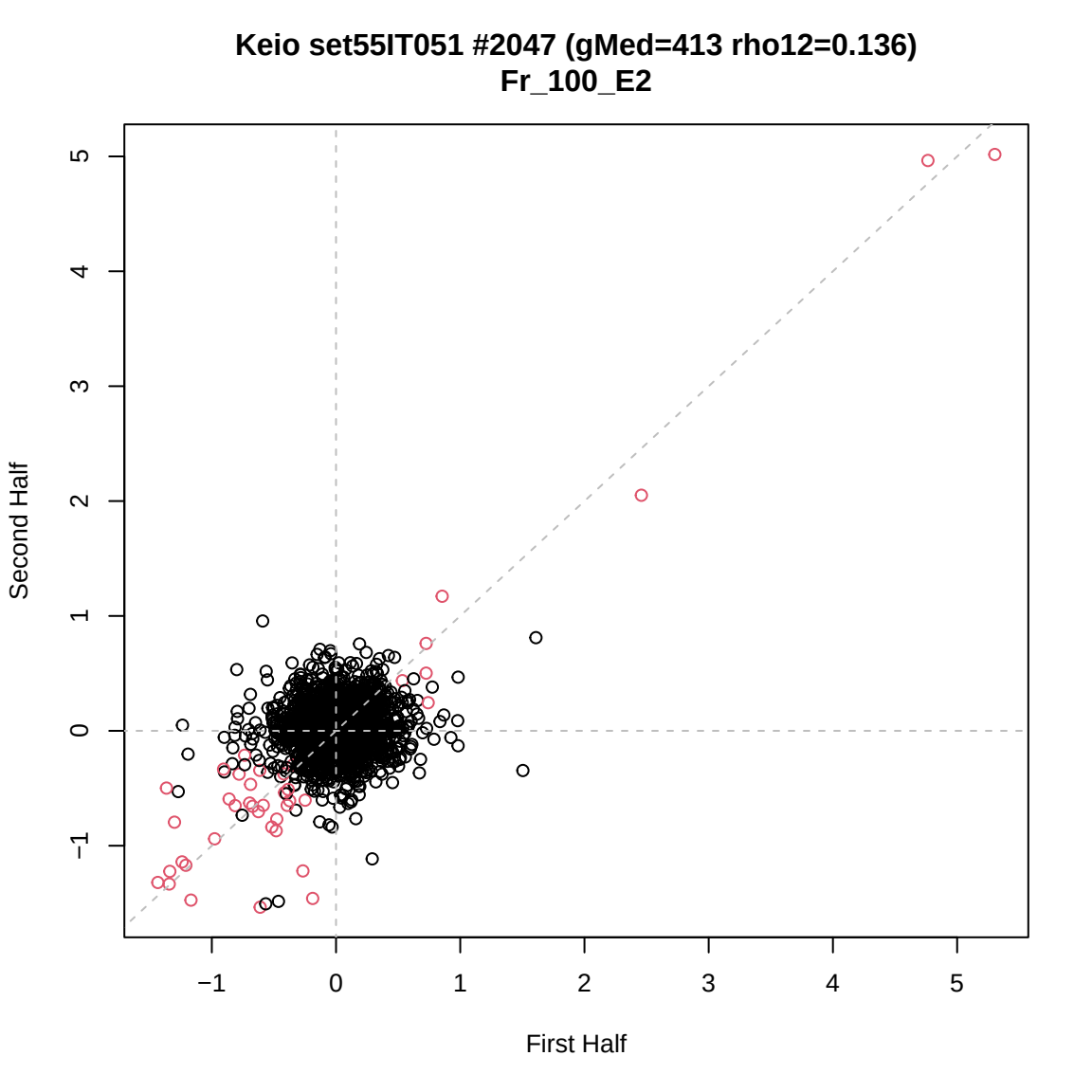

Keio set55IT046 #2042 (gMed=120 rho12=0.236)
QB_100_C3
Second Half
First Half
−2
0
2
4
6
8
10

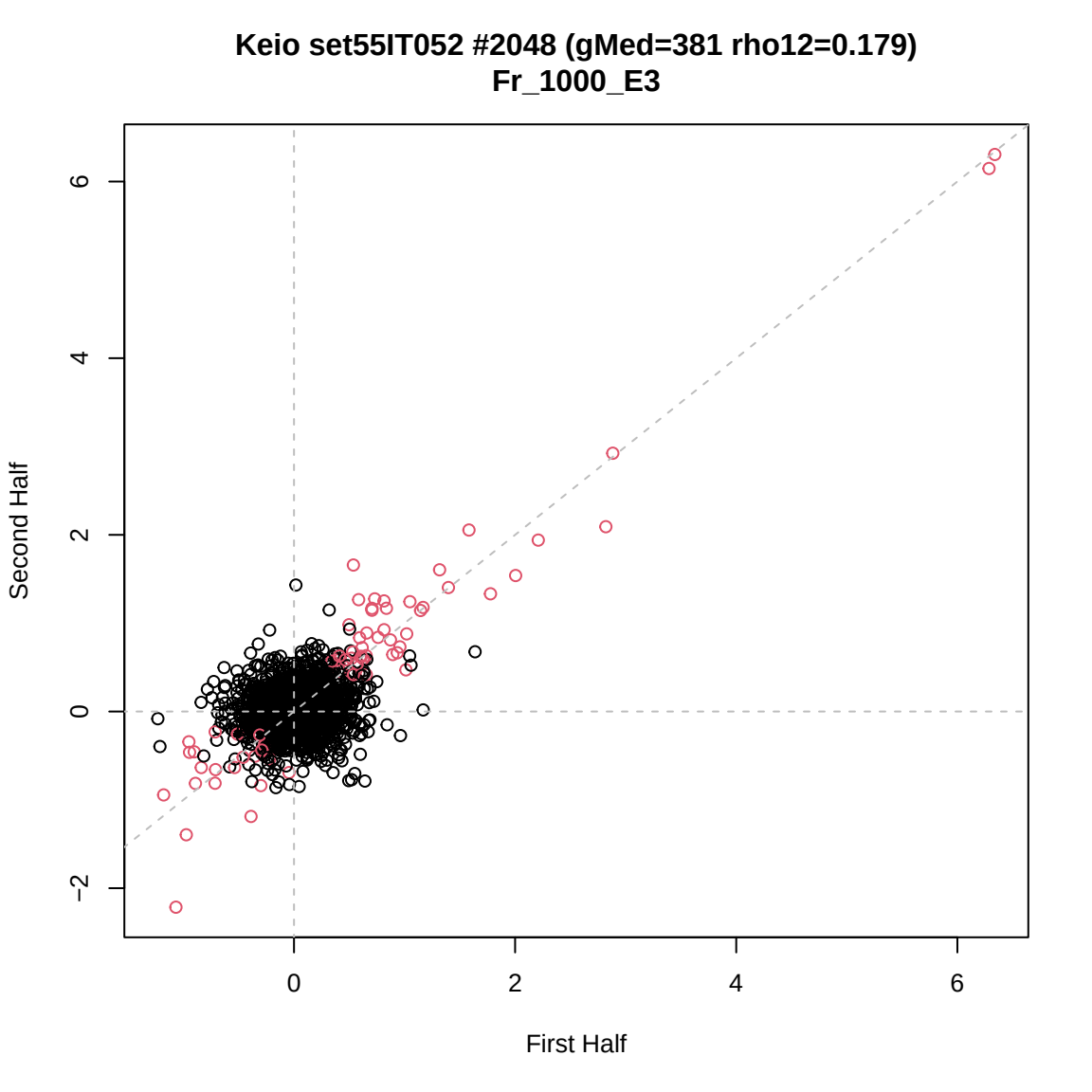

Keio set55IT047 #2043 (gMed=4 rho12=0.438)
QB_10_D1
Second Half
First Half
0
5
10
0
5
10

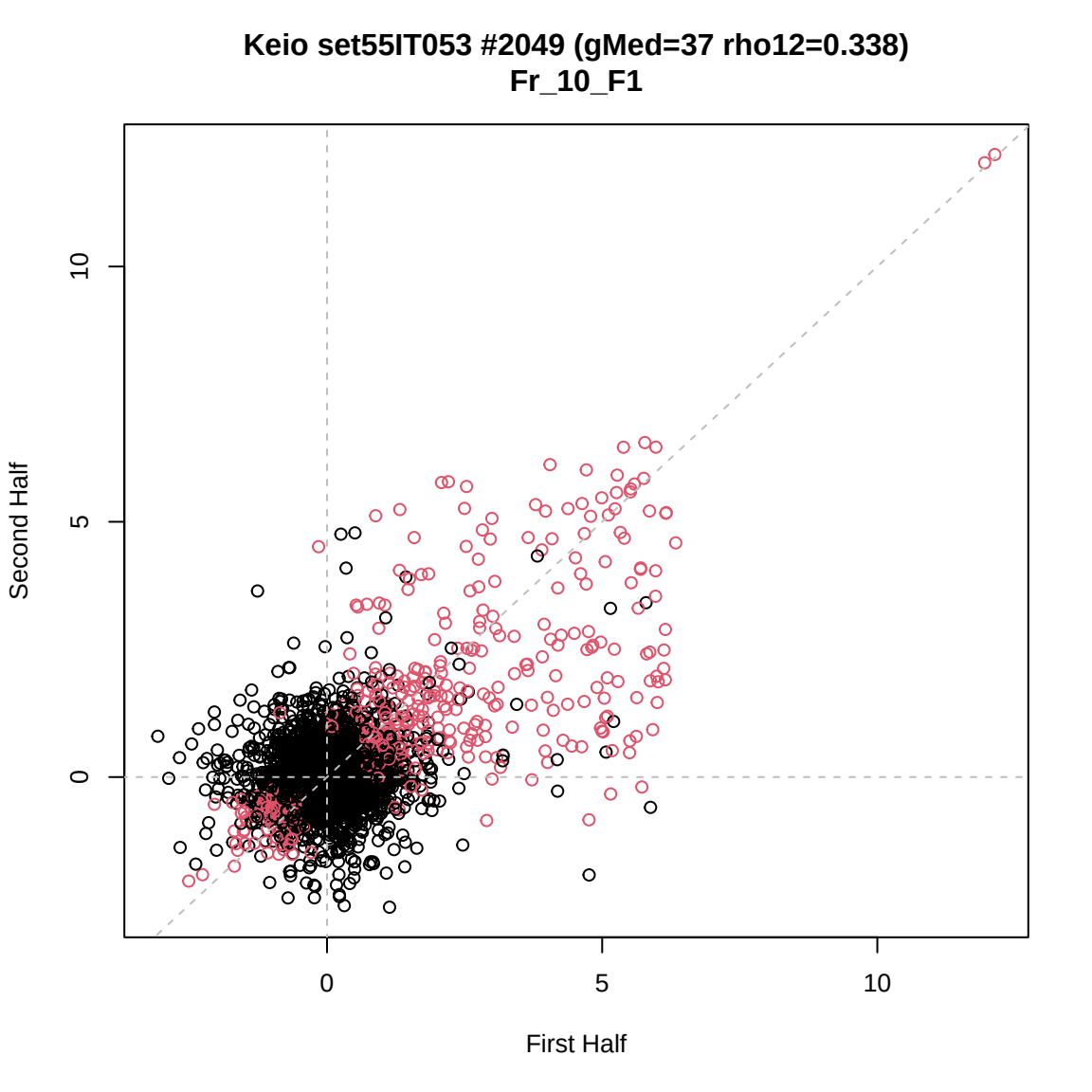

Keio set55IT048 #2044 (gMed=47 rho12=0.292)
QB_100_D2
Second Half
First Half
0
5
10
0
5
10

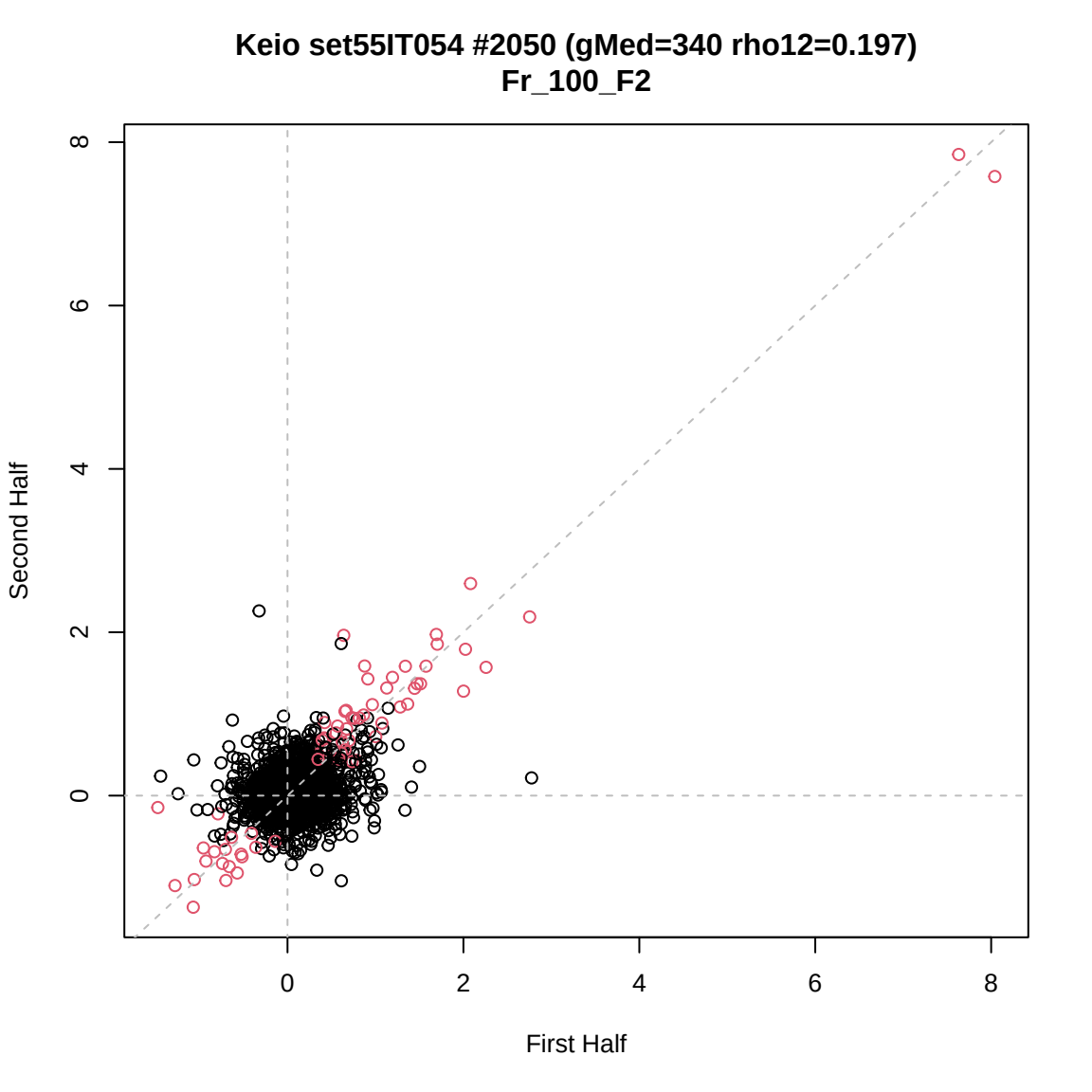

Keio set55IT049 #2045 (gMed=131 rho12=0.207)
QB_1000_D3
Second Half
First Half
−2
0
2
4
6
8
10

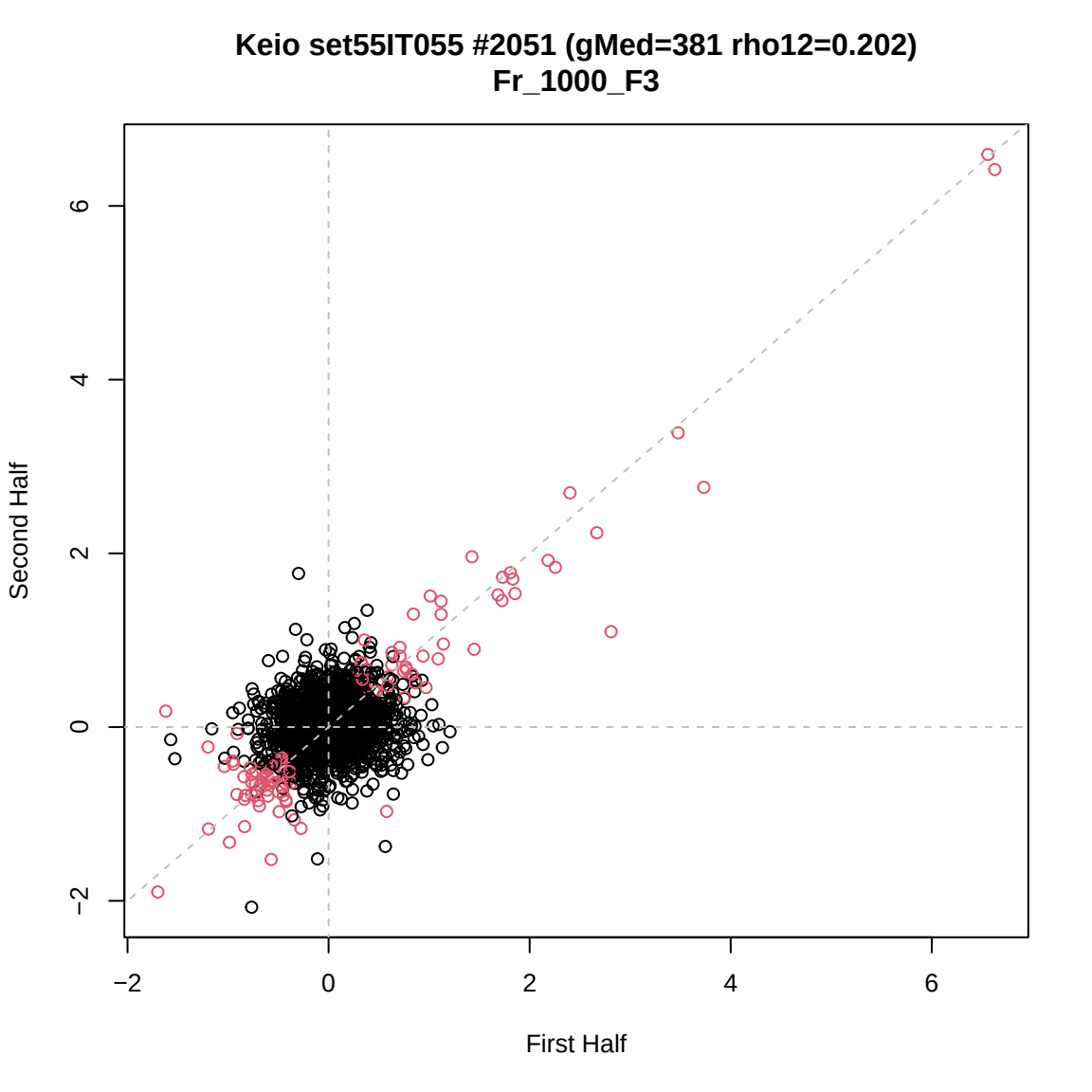

Keio set55IT050 #2046 (gMed=34 rho12=0.382)
Fr_10_E1
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

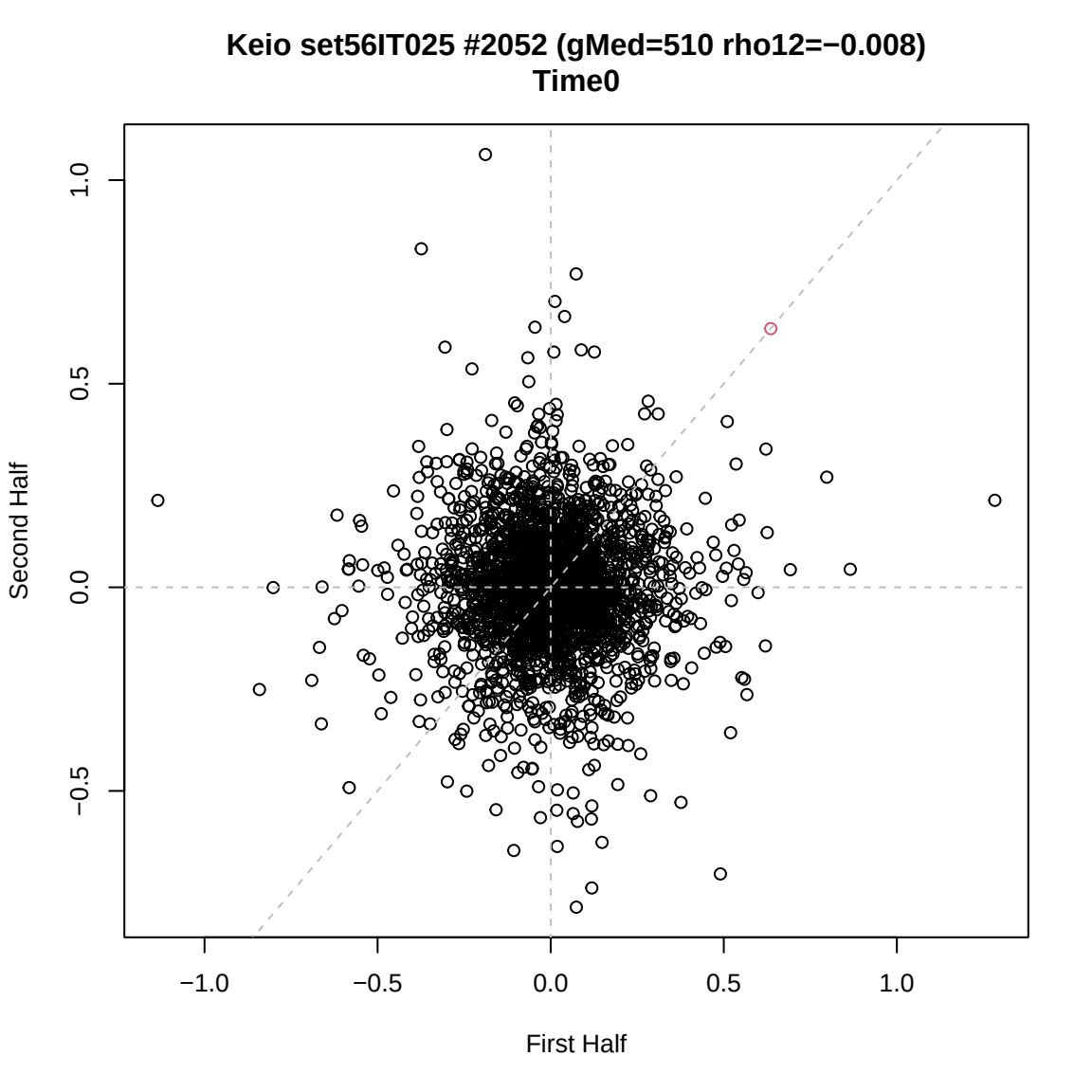

Keio set55IT051 #2047 (gMed=413 rho12=0.136)
Fr_100_E2
Second Half
First Half
−1
0
1
2
3
4
5

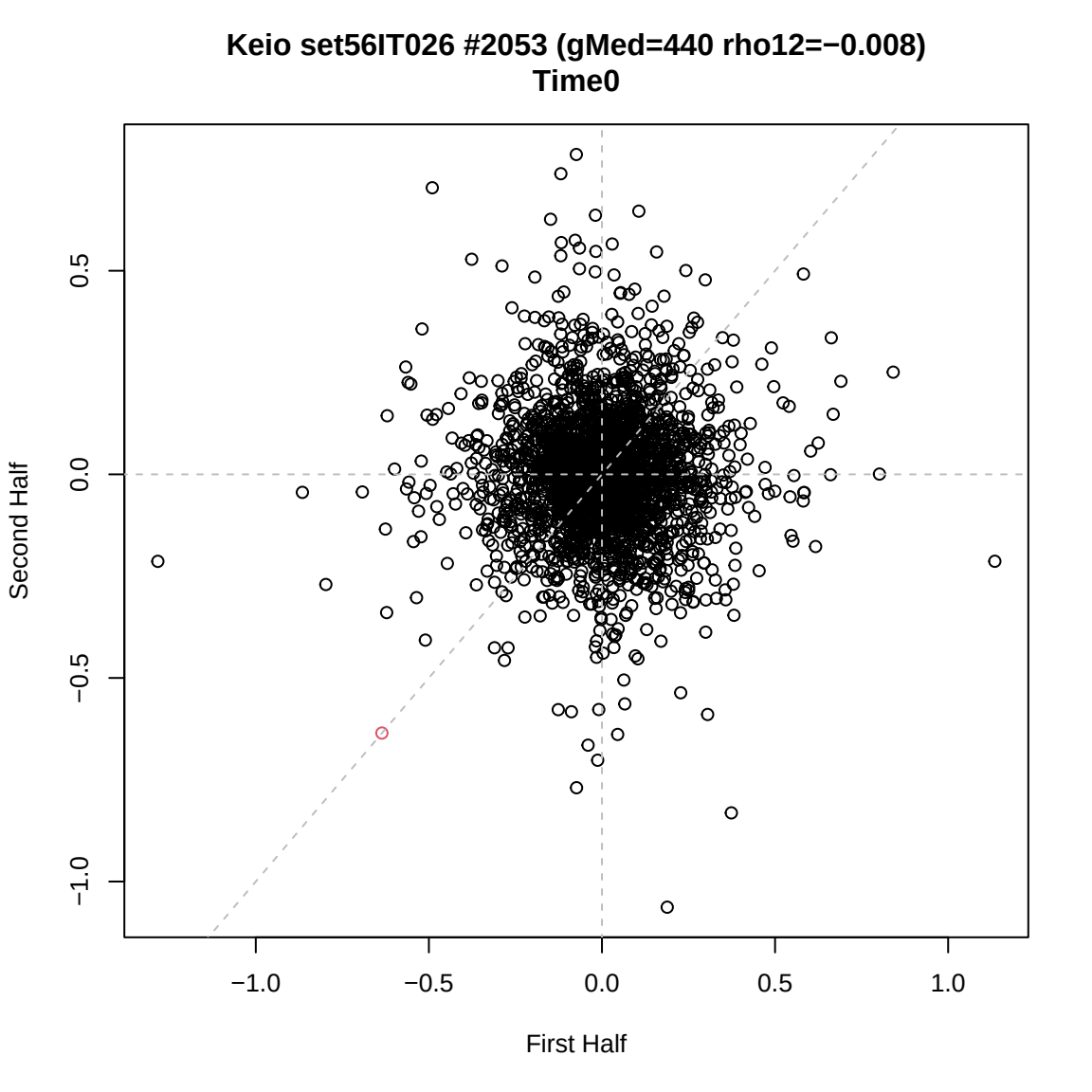

Keio set55IT052 #2048 (gMed=381 rho12=0.179)
Fr_1000_E3
Second Half
First Half
6
4
2
0
−2
0
2
4
6

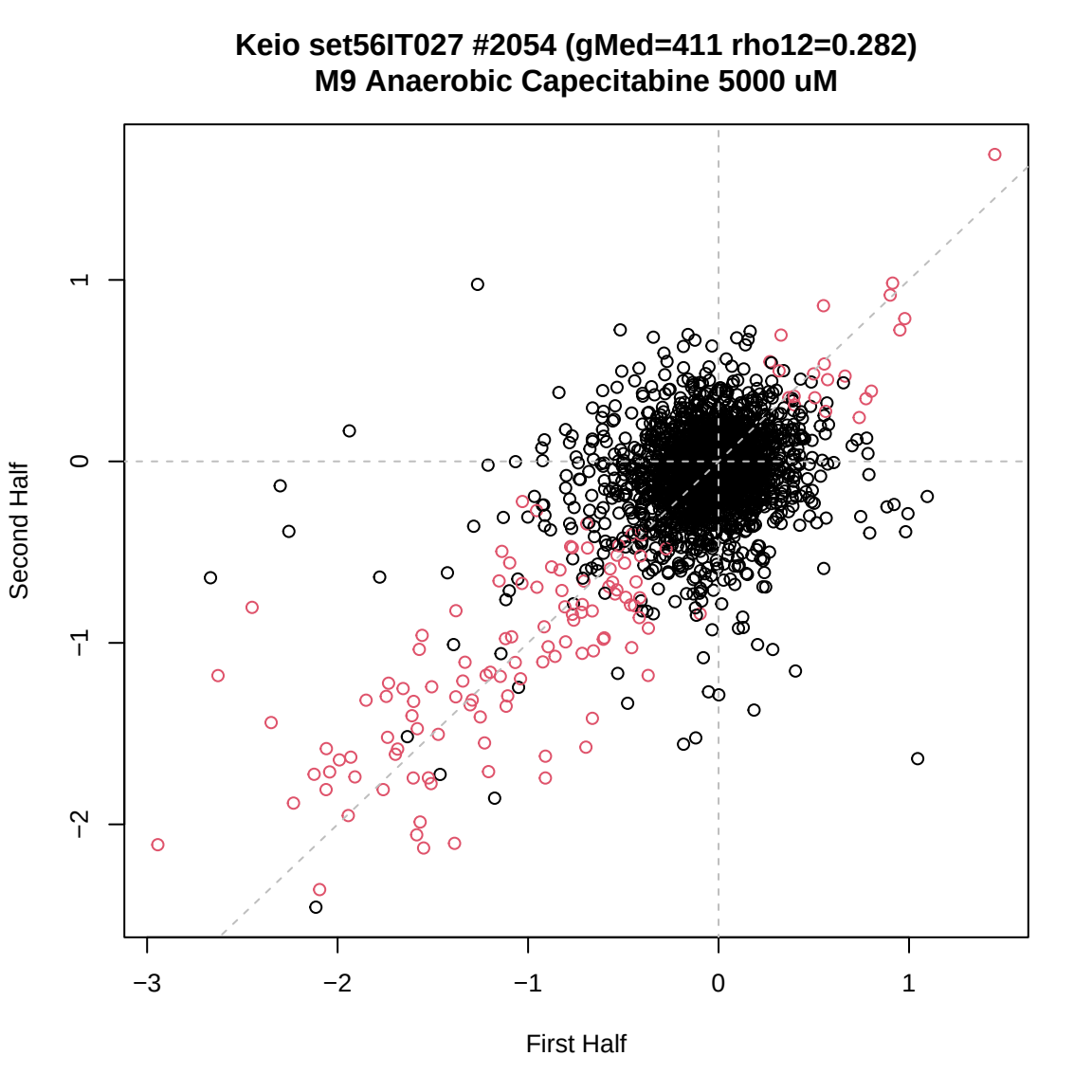

Keio set55IT053 #2049 (gMed=37 rho12=0.338)
Fr_10_F1
Second Half
First Half
0
5
10
0
5
10

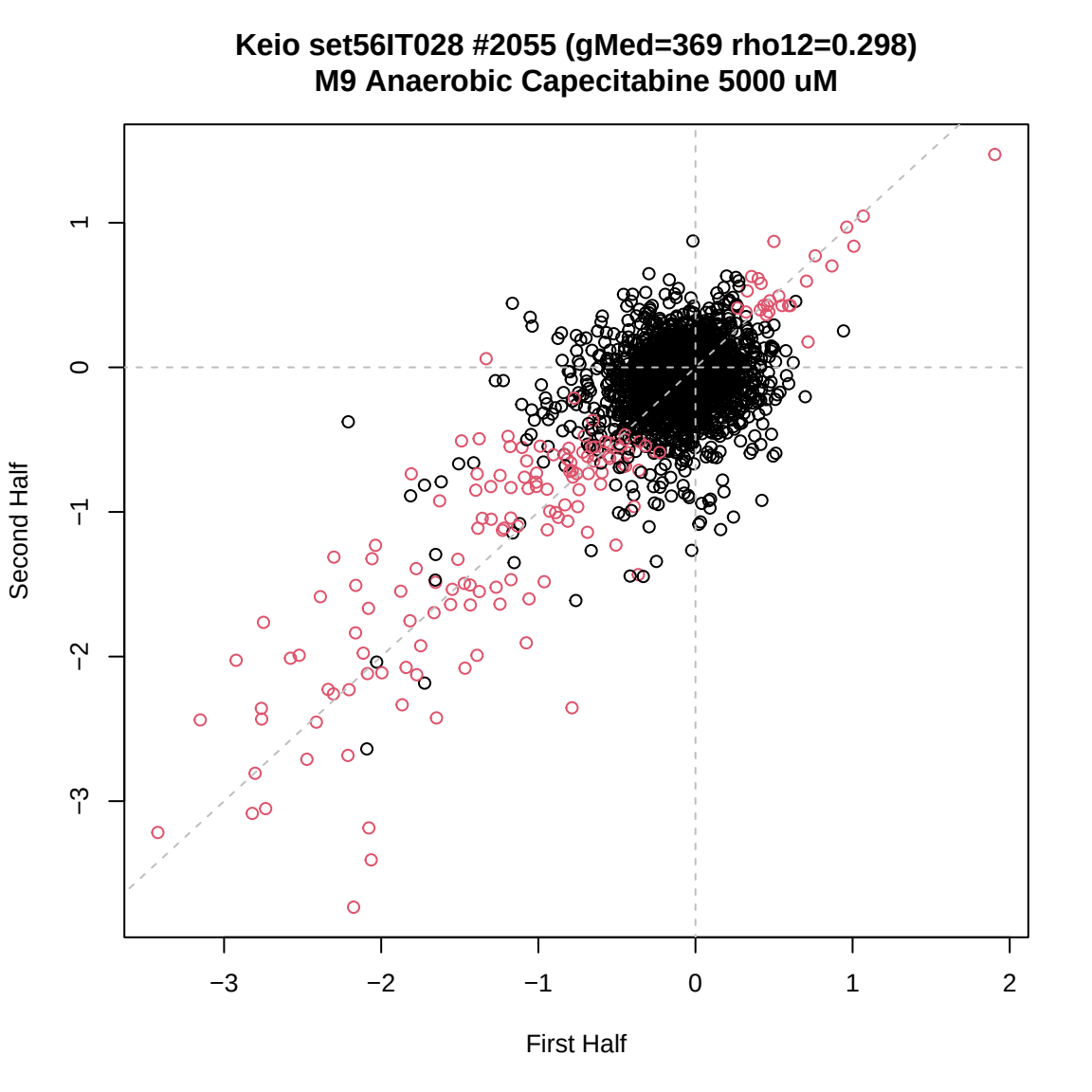

Keio set55IT054 #2050 (gMed=340 rho12=0.197)
Fr_100_F2
Second Half
First Half
0
2
4
6
8

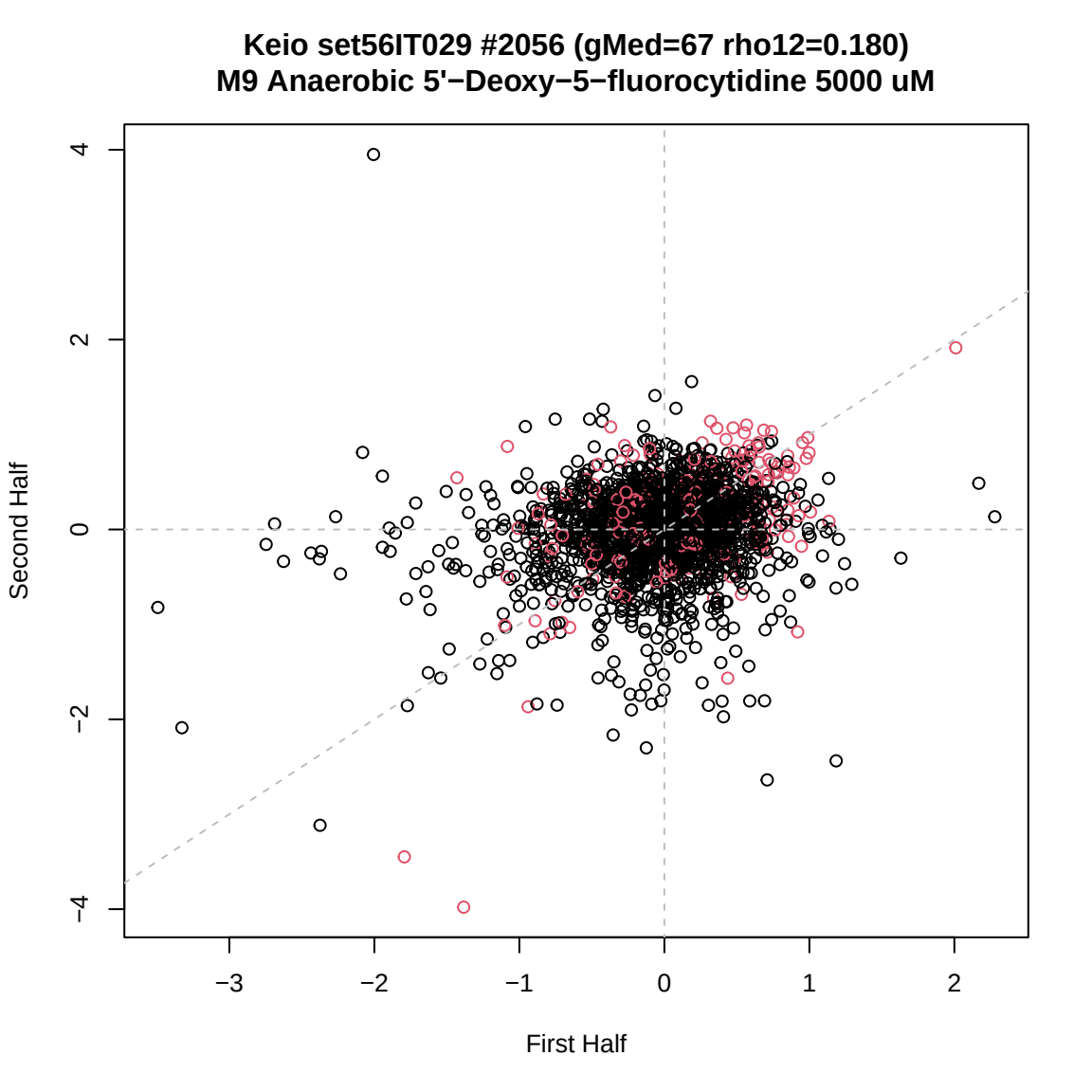

Keio set55IT055 #2051 (gMed=381 rho12=0.202)
Fr_1000_F3
Second Half
First Half
−2
0
2
4
6

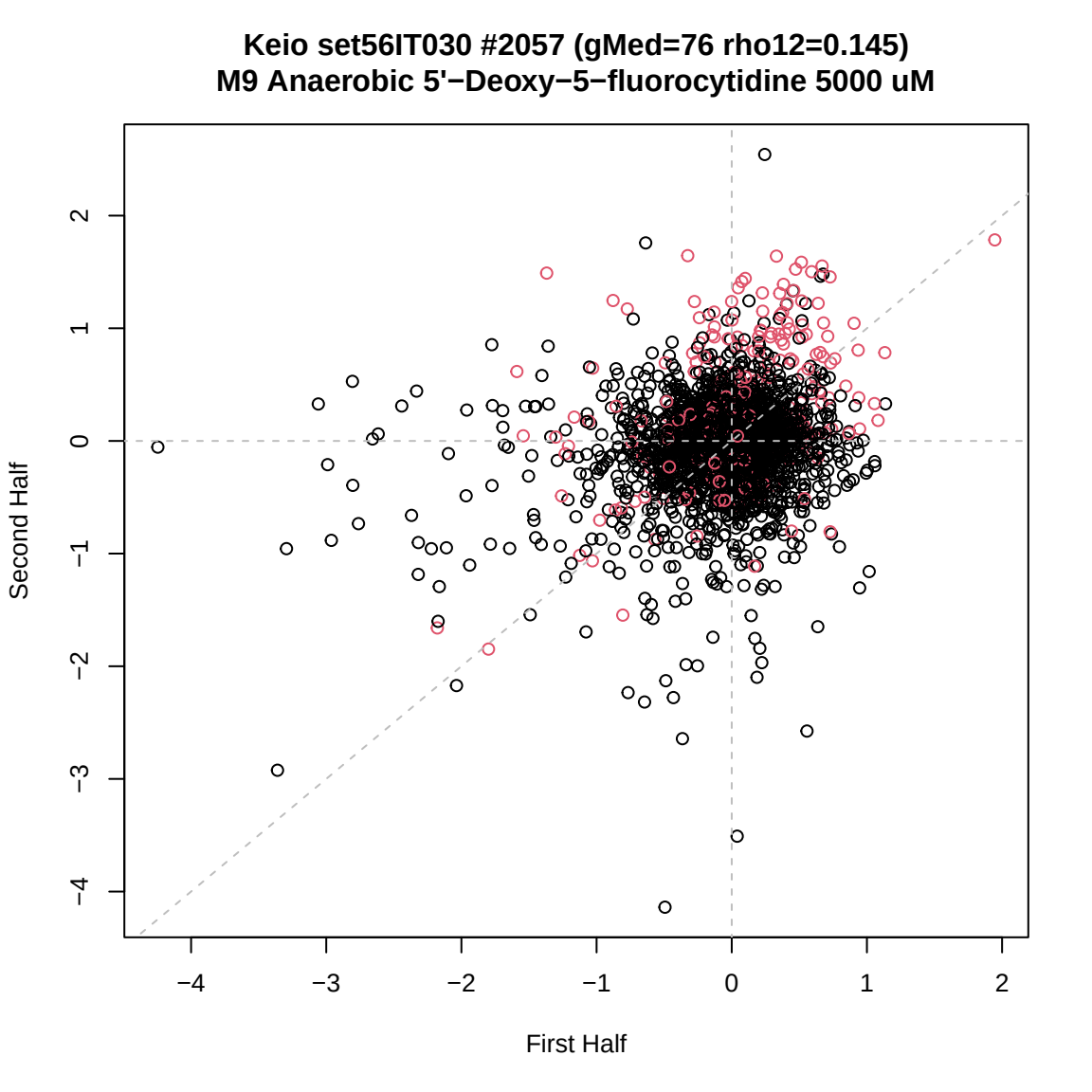

Keio set56IT025 #2052 (gMed=510 rho12=−0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

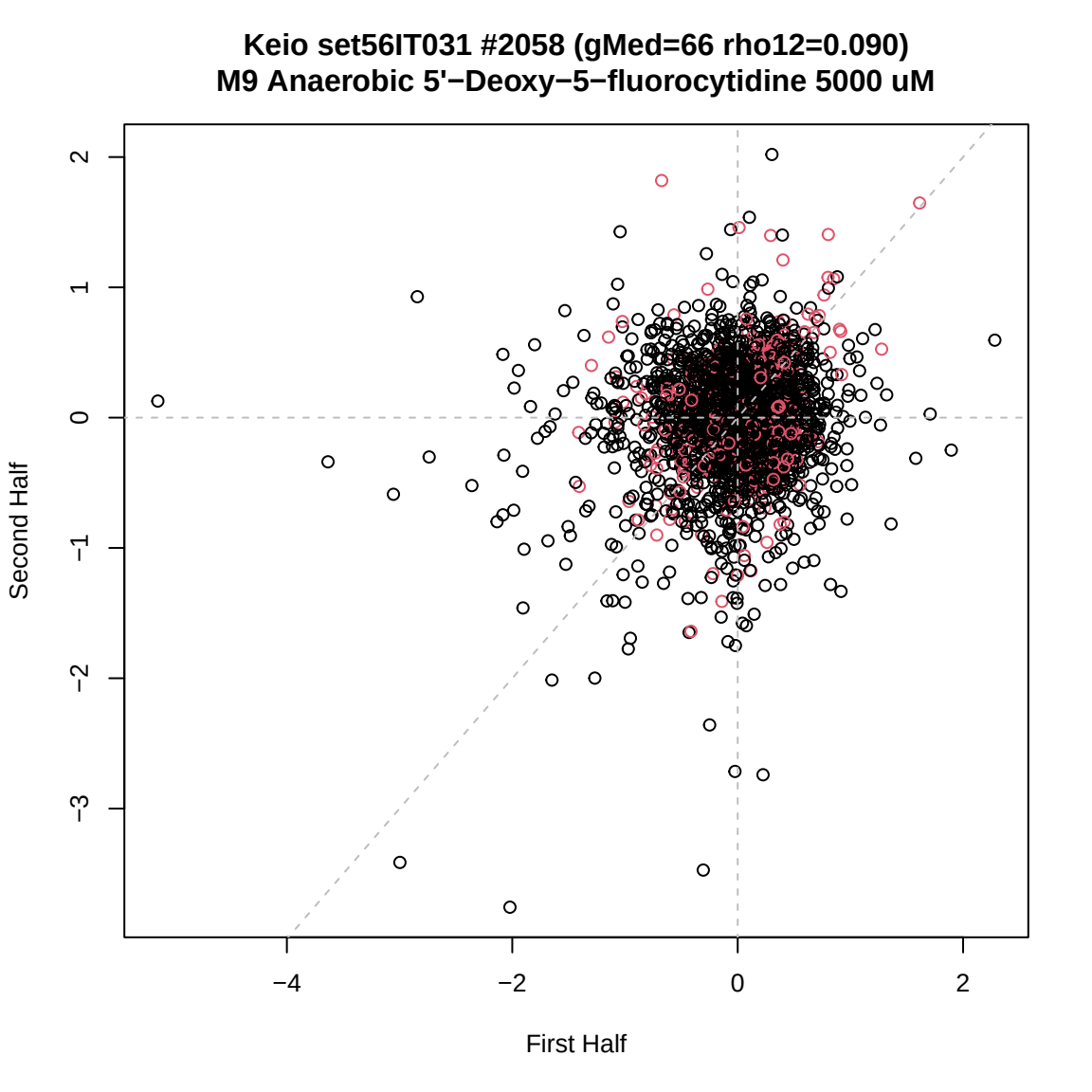

Keio set56IT026 #2053 (gMed=440 rho12=−0.008)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

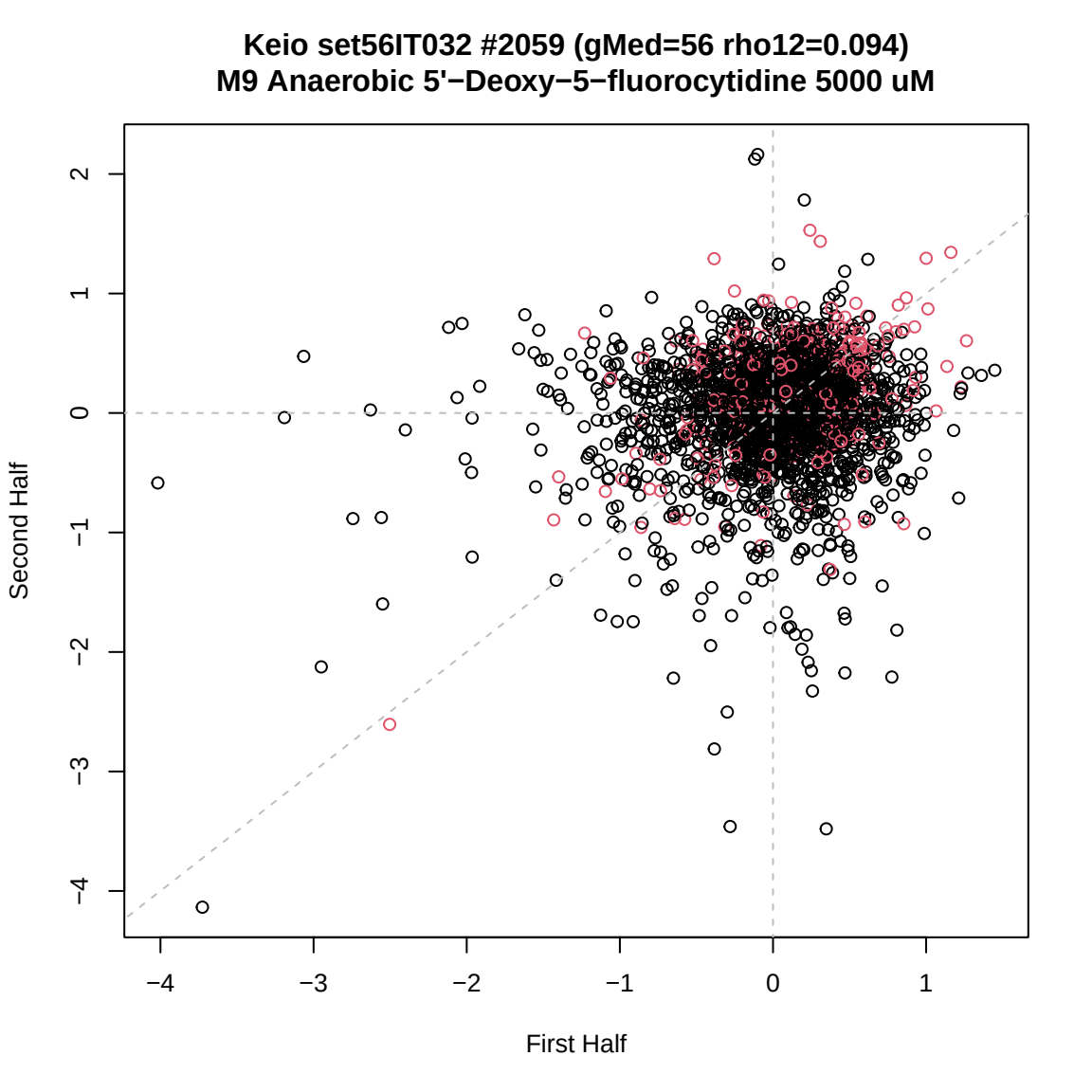

Keio set56IT027 #2054 (gMed=411 rho12=0.282)
M9 Anaerobic Capecitabine 5000 uM
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

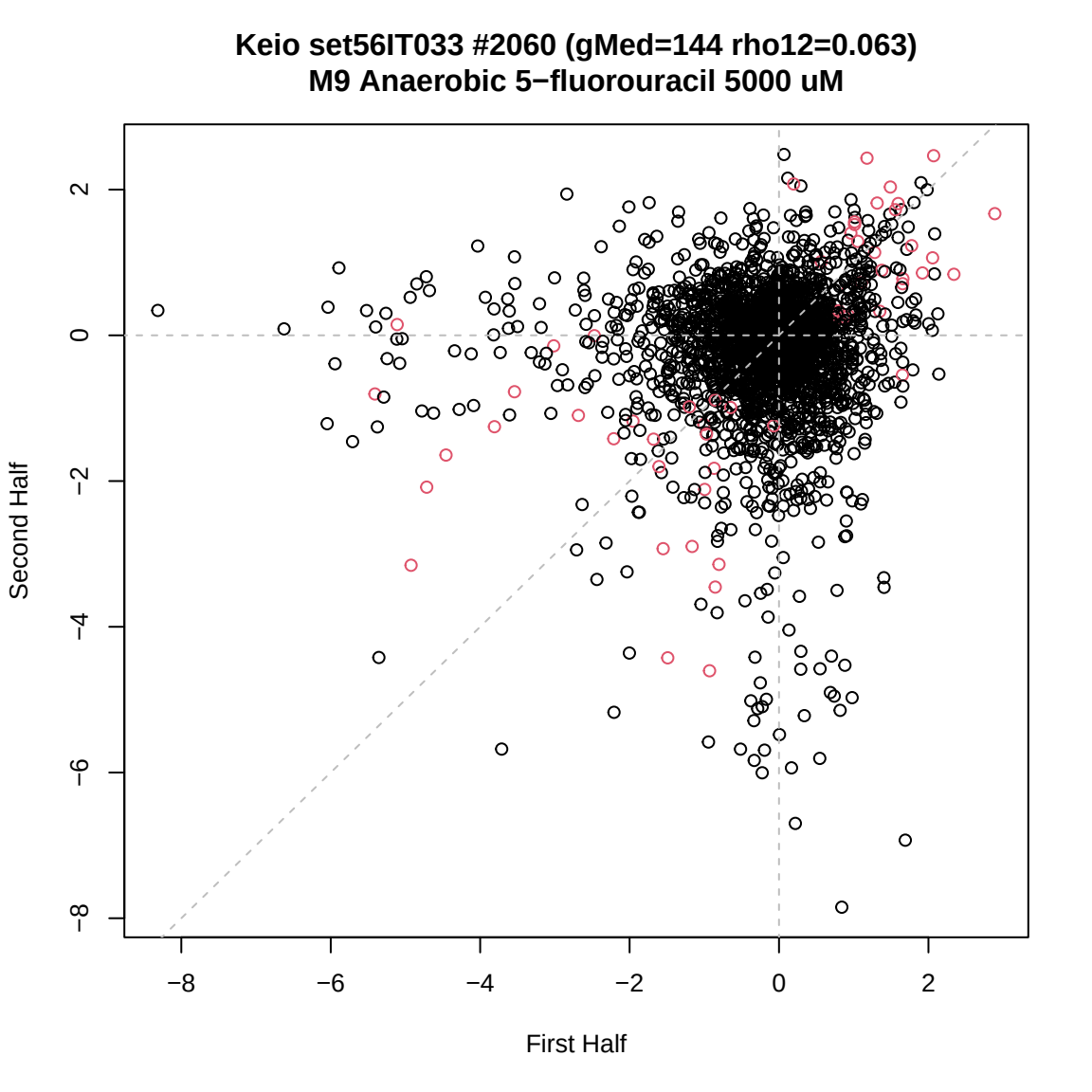

Keio set56IT028 #2055 (gMed=369 rho12=0.298)
M9 Anaerobic Capecitabine 5000 uM
Second Half
First Half
−3
−2
−1
0
1
2
−3
−2
−1
0
1

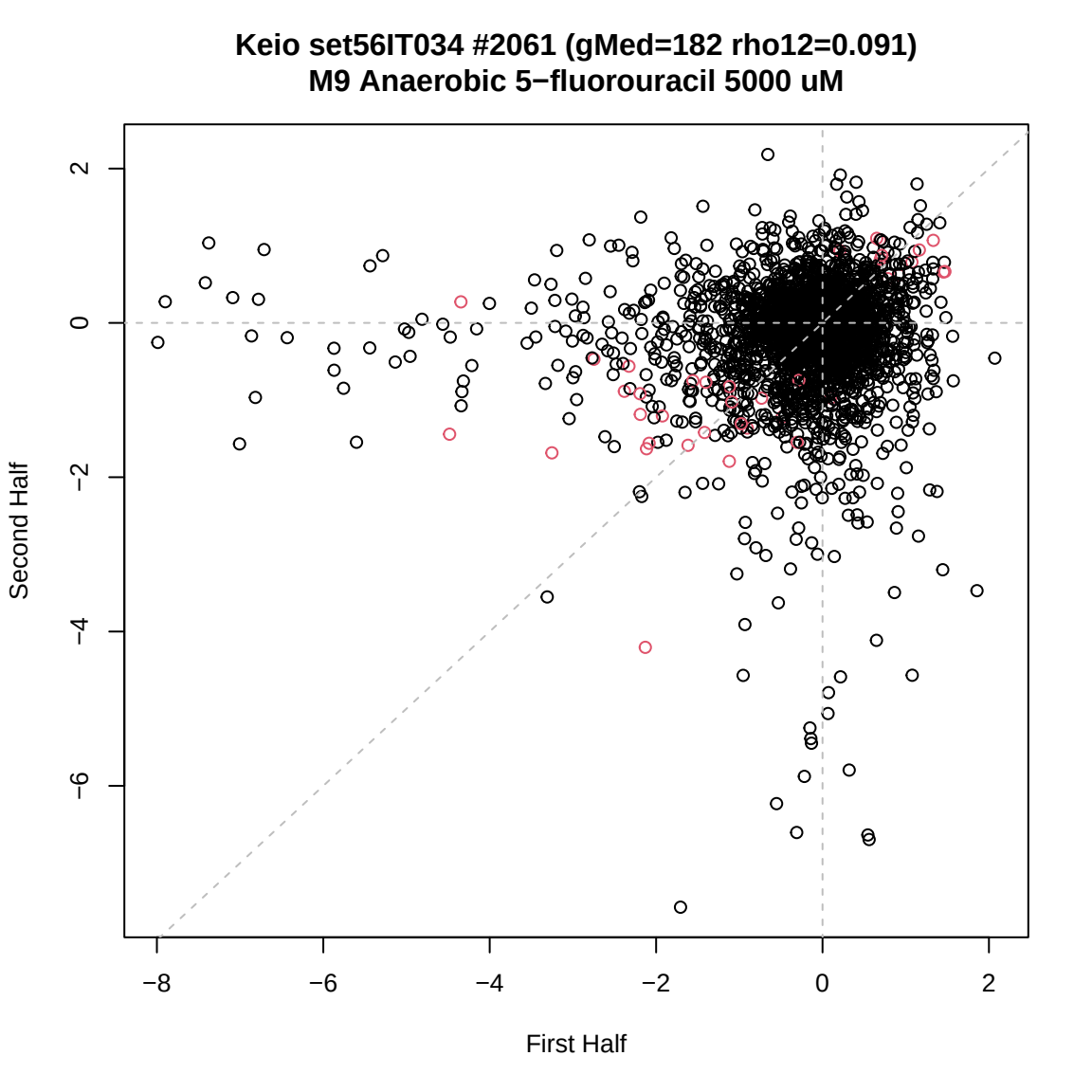

Keio set56IT029 #2056 (gMed=67 rho12=0.180)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
4
2
0
−2
−4
−3
−2
−1
0
1
2

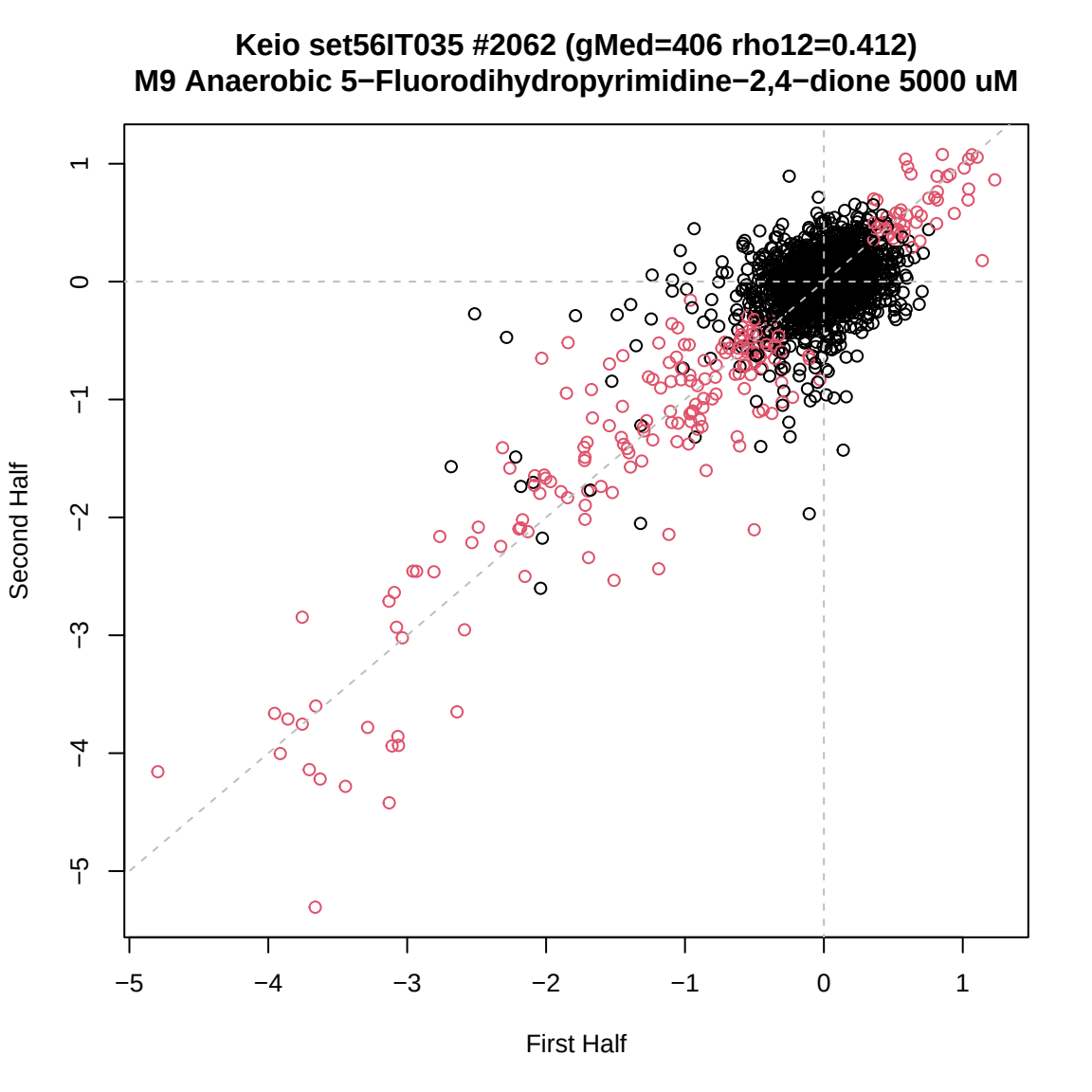

Keio set56IT030 #2057 (gMed=76 rho12=0.145)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

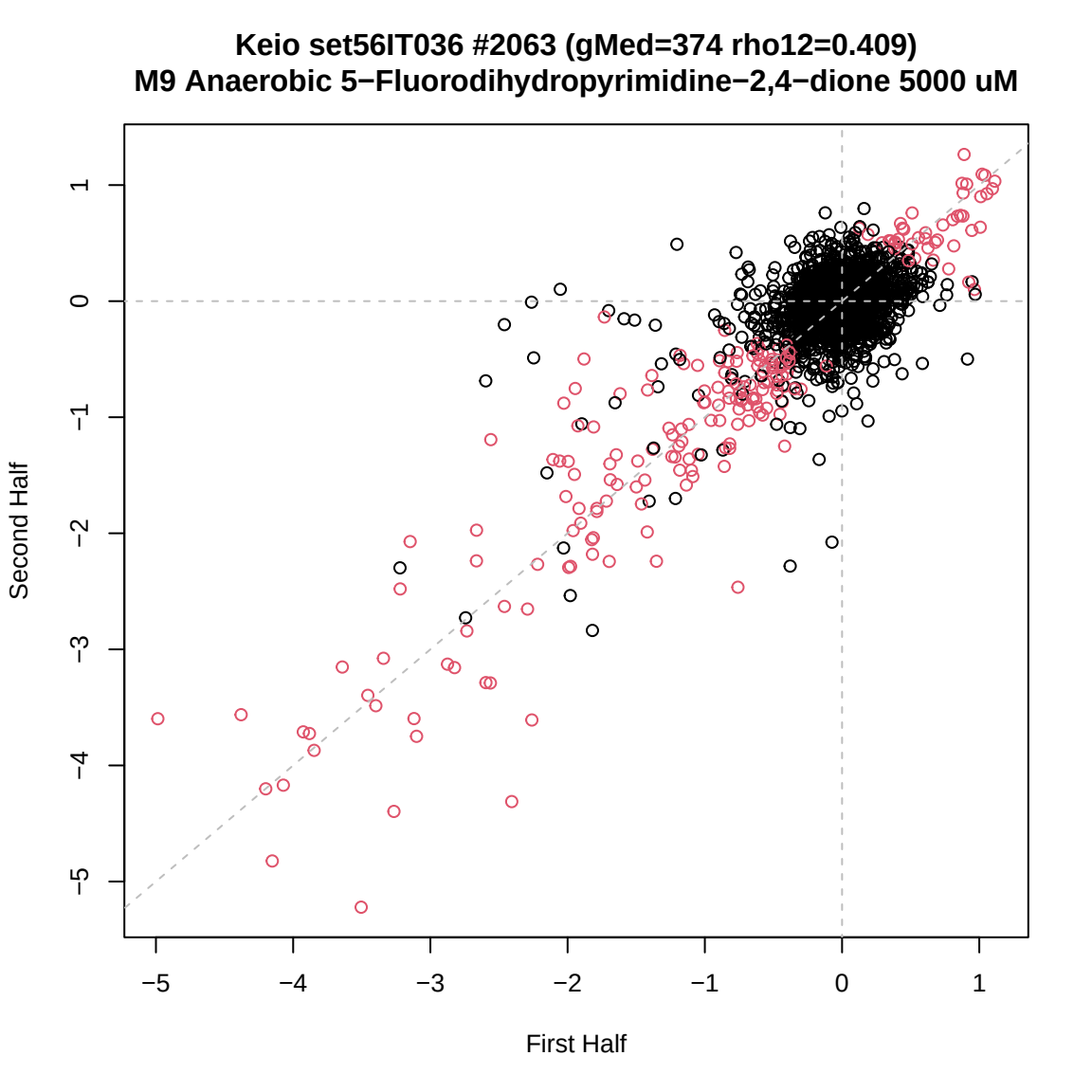

Keio set56IT031 #2058 (gMed=66 rho12=0.090)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−2
0
2

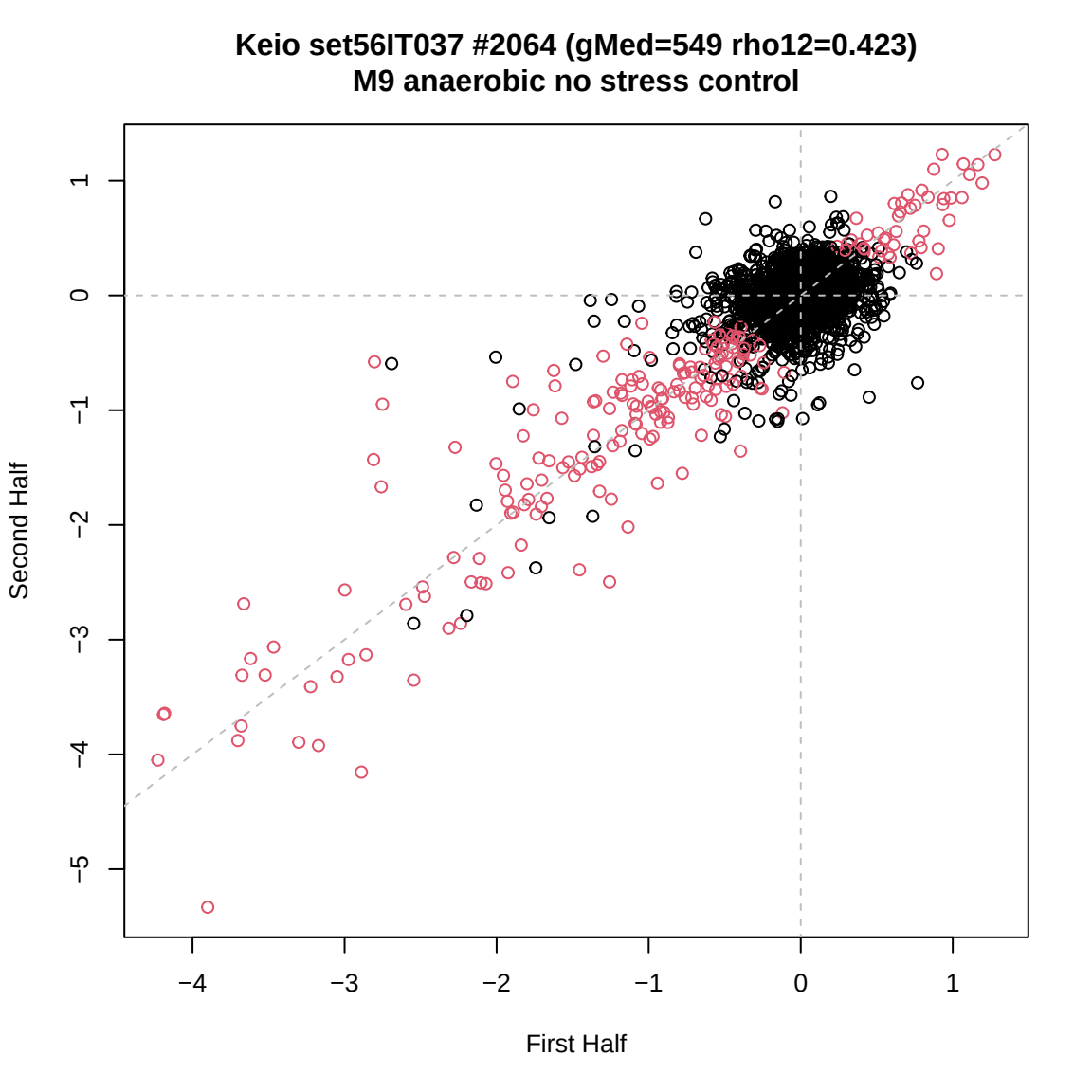

Keio set56IT032 #2059 (gMed=56 rho12=0.094)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

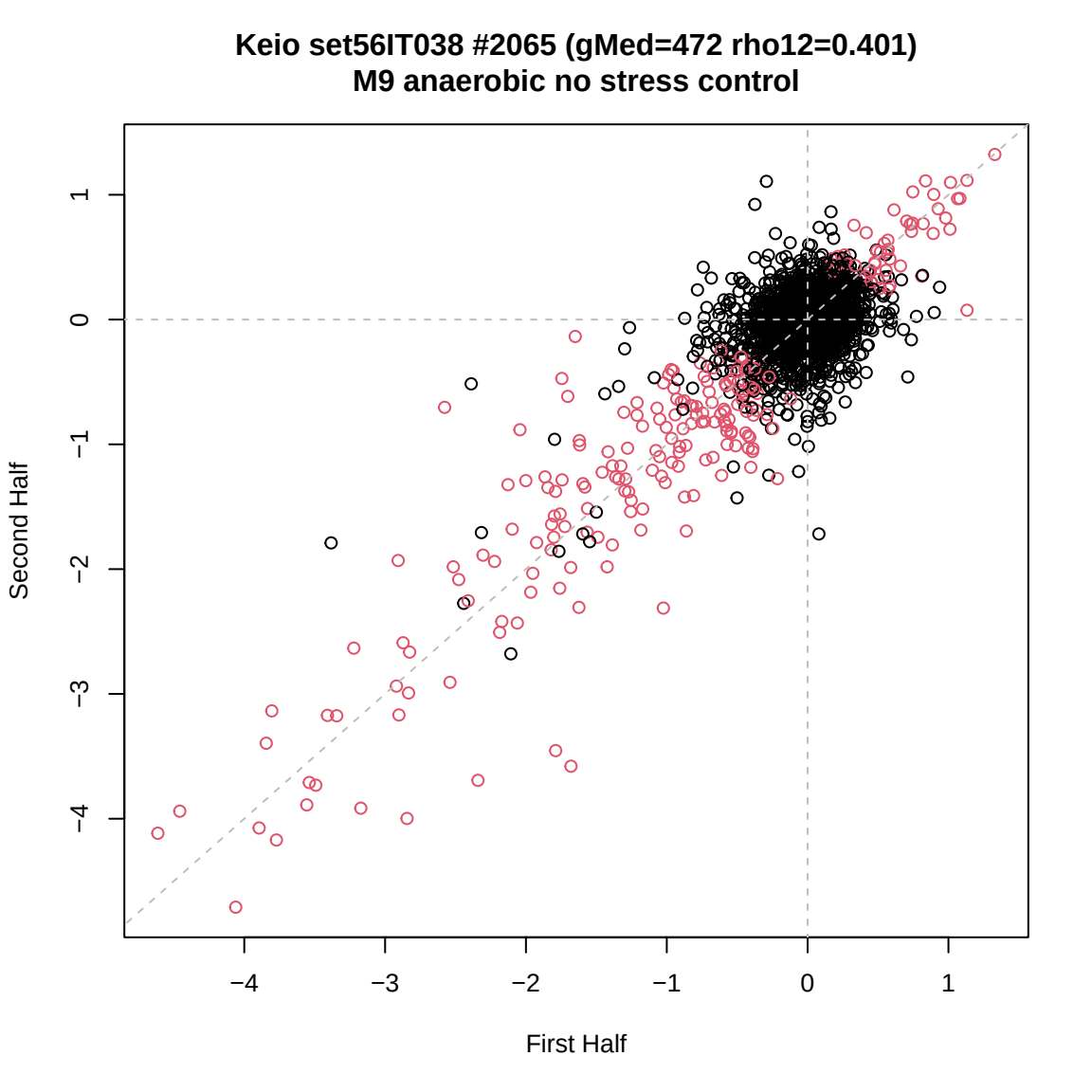

Keio set56IT033 #2060 (gMed=144 rho12=0.063)
M9 Anaerobic 5−fluorouracil 5000 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

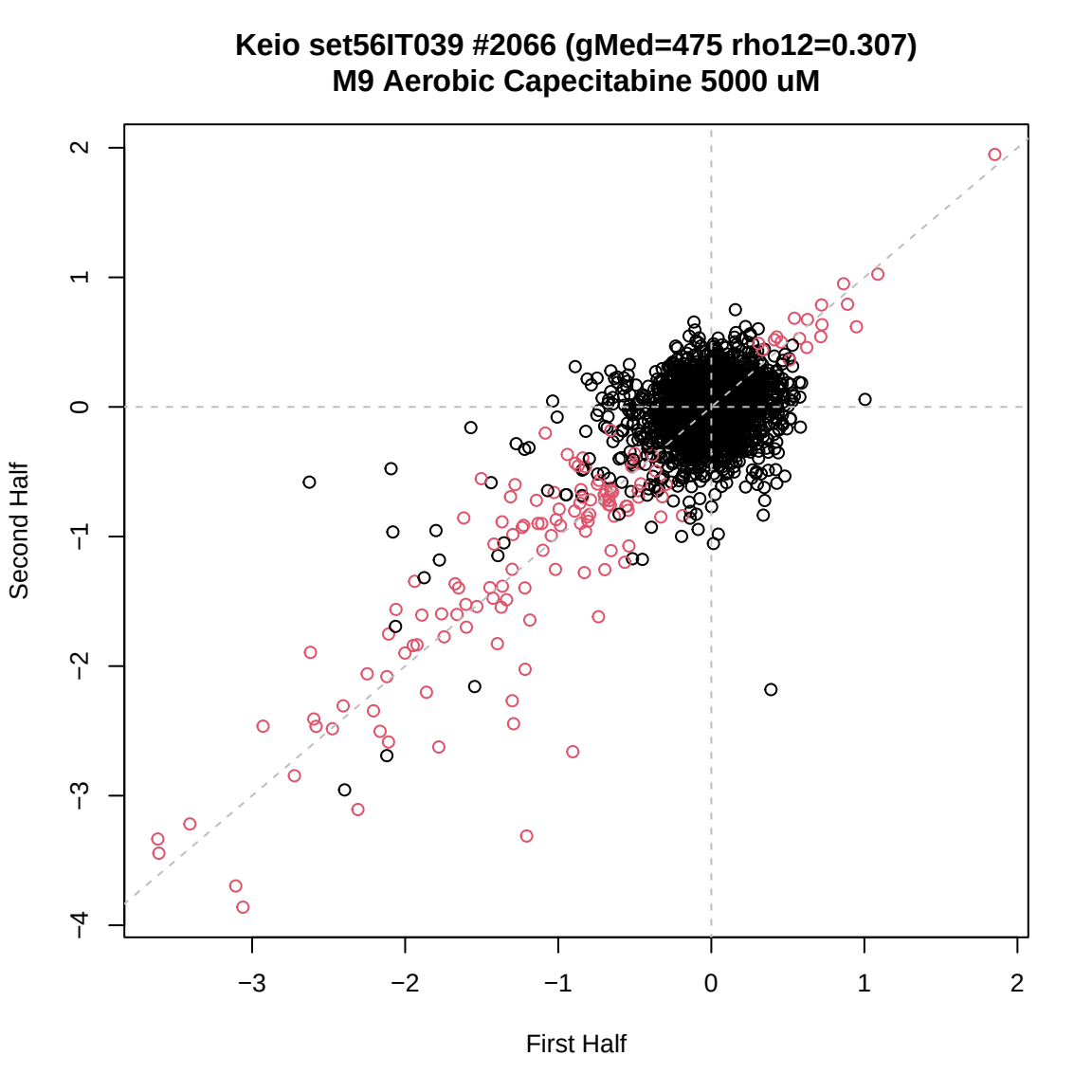

Keio set56IT034 #2061 (gMed=182 rho12=0.091)
M9 Anaerobic 5−fluorouracil 5000 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

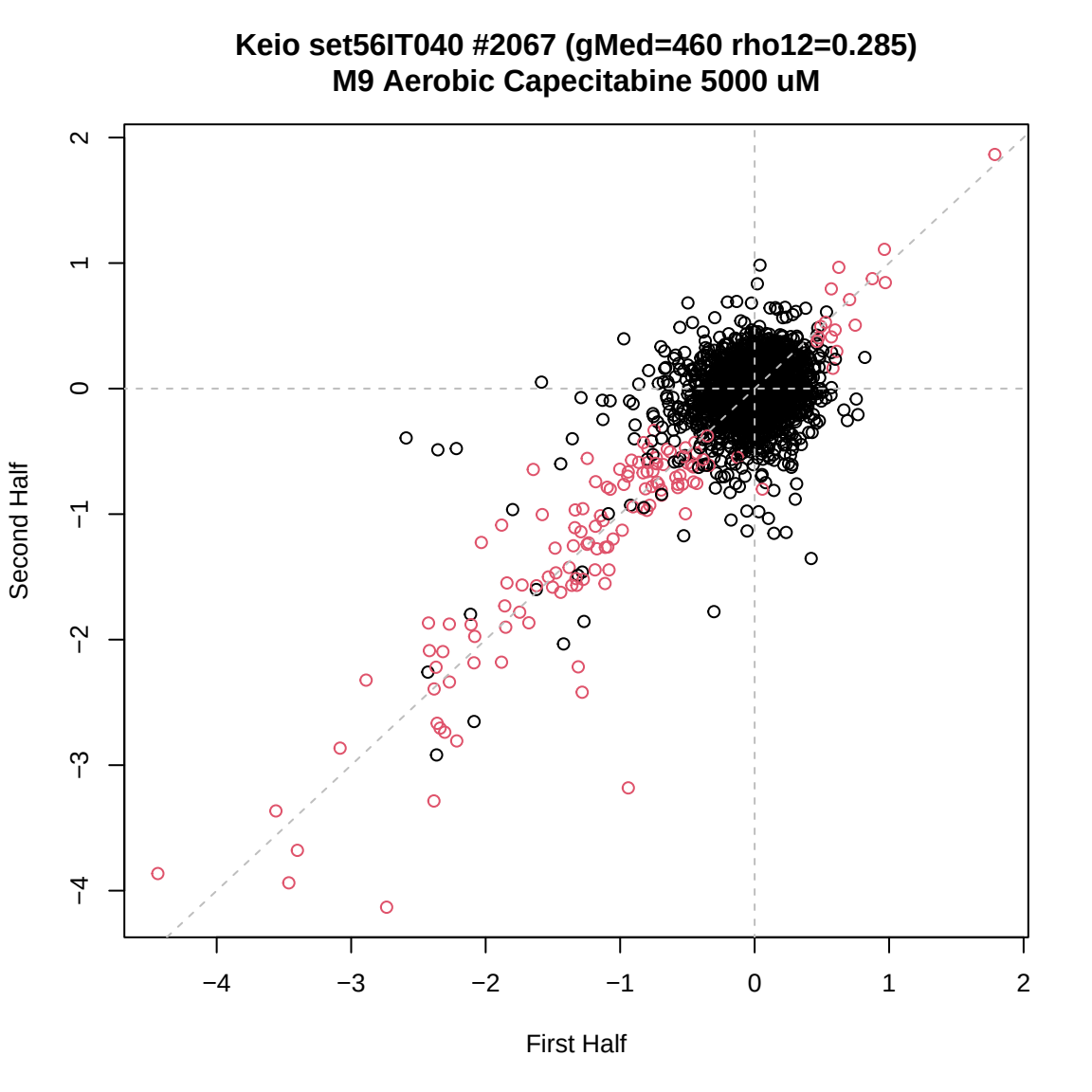

Keio set56IT035 #2062 (gMed=406 rho12=0.412)
M9 Anaerobic 5−Fluorodihydropyrimidine−2,4−dione 5000 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

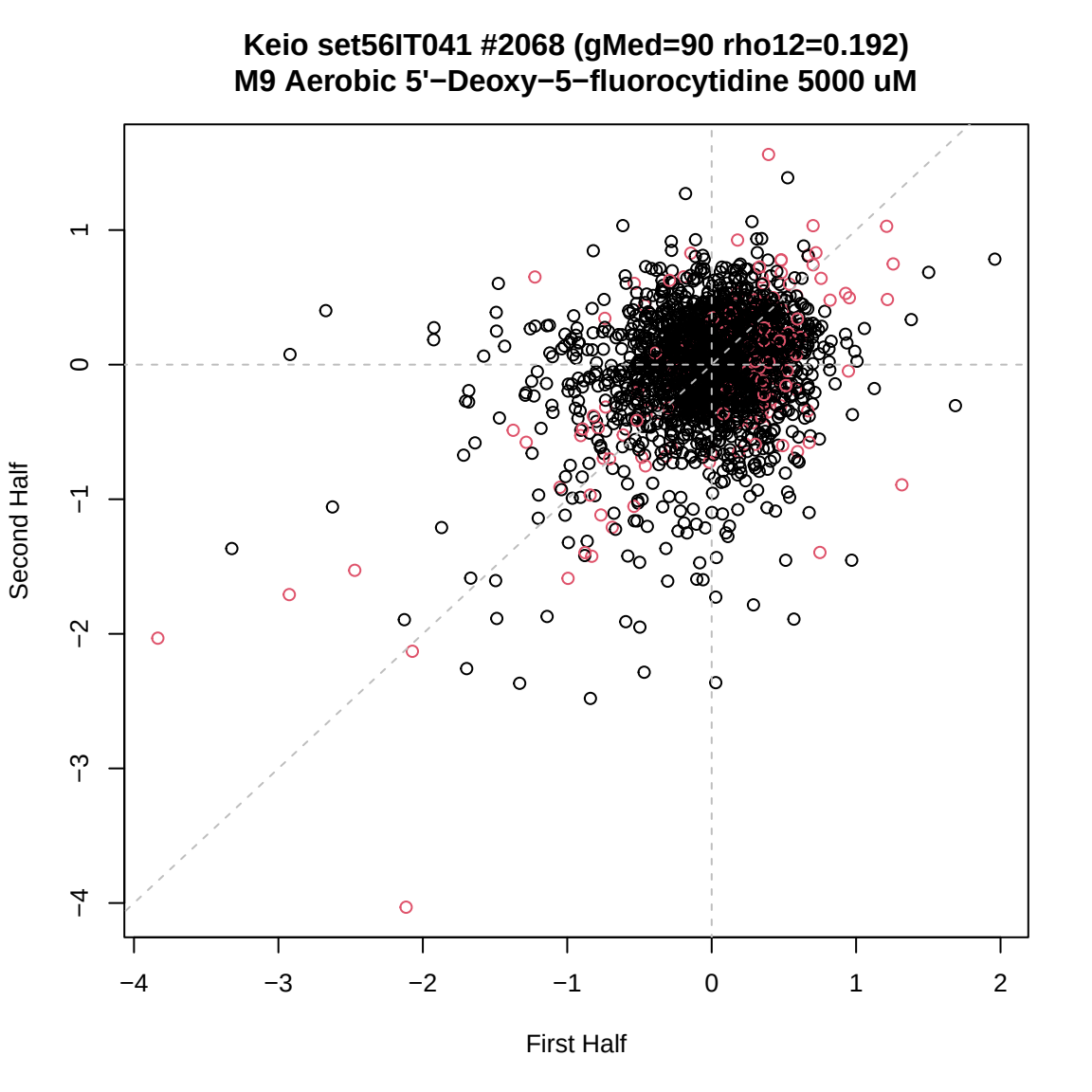

Keio set56IT036 #2063 (gMed=374 rho12=0.409)
M9 Anaerobic 5−Fluorodihydropyrimidine−2,4−dione 5000 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

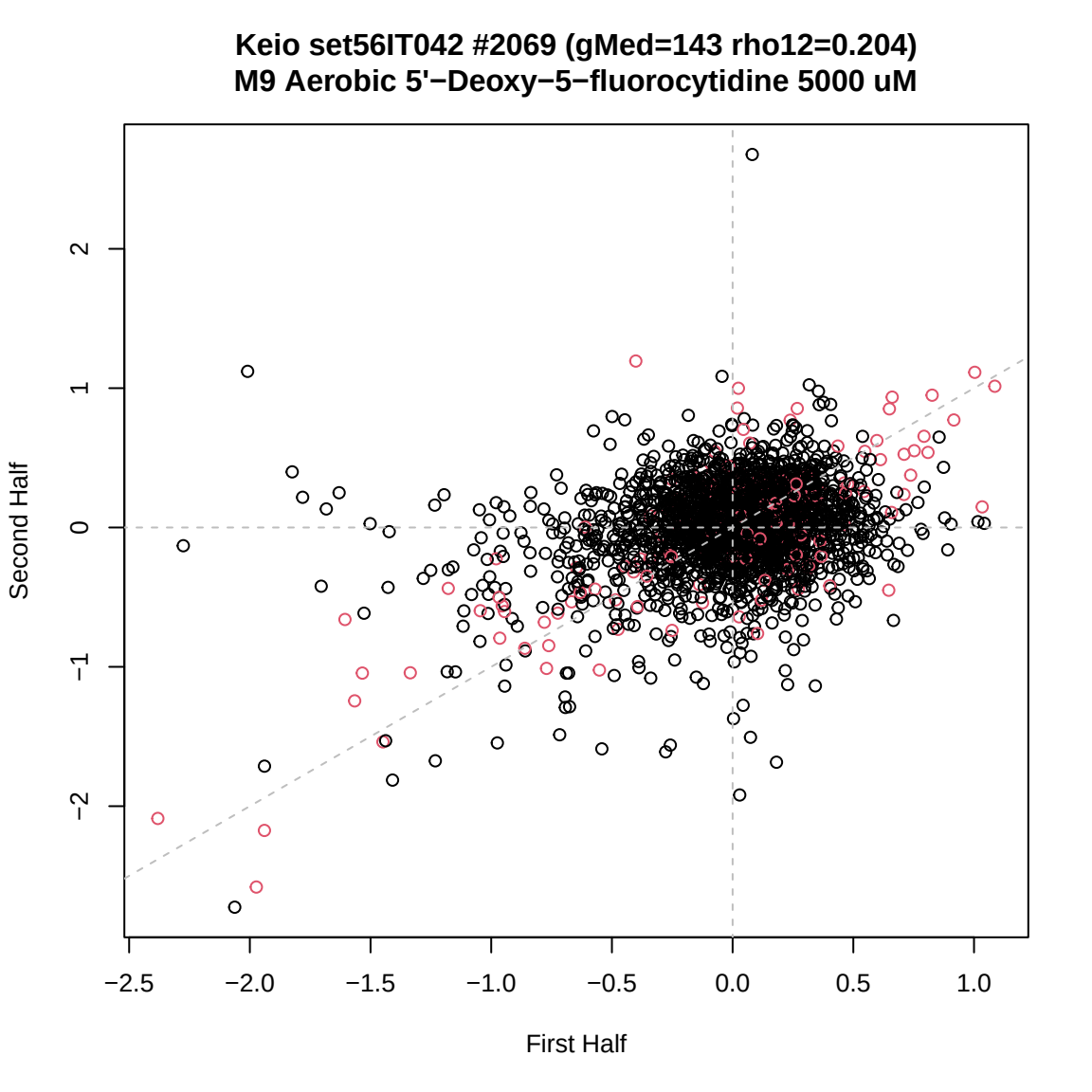

Keio set56IT037 #2064 (gMed=549 rho12=0.423)
M9 anaerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

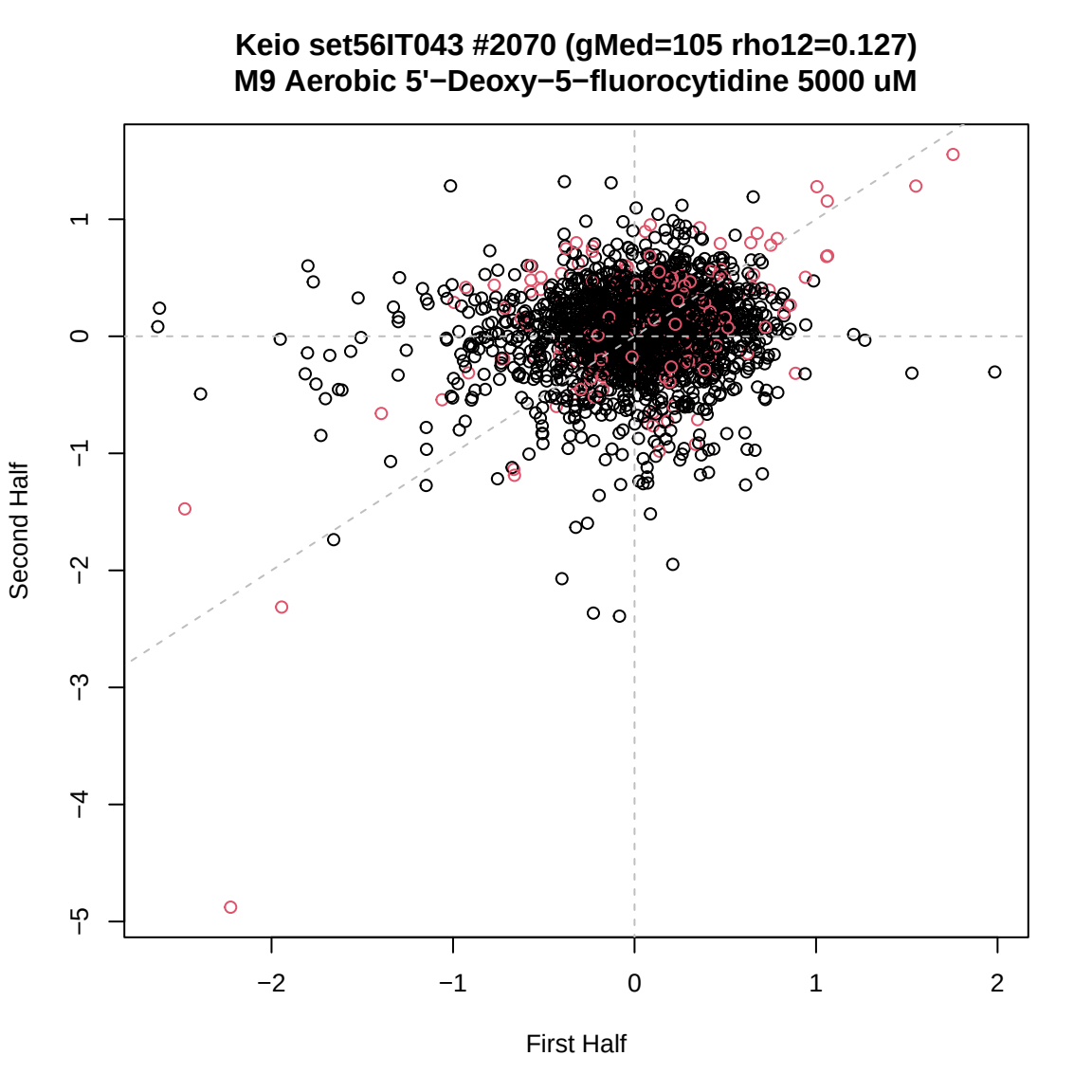

Keio set56IT038 #2065 (gMed=472 rho12=0.401)
M9 anaerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

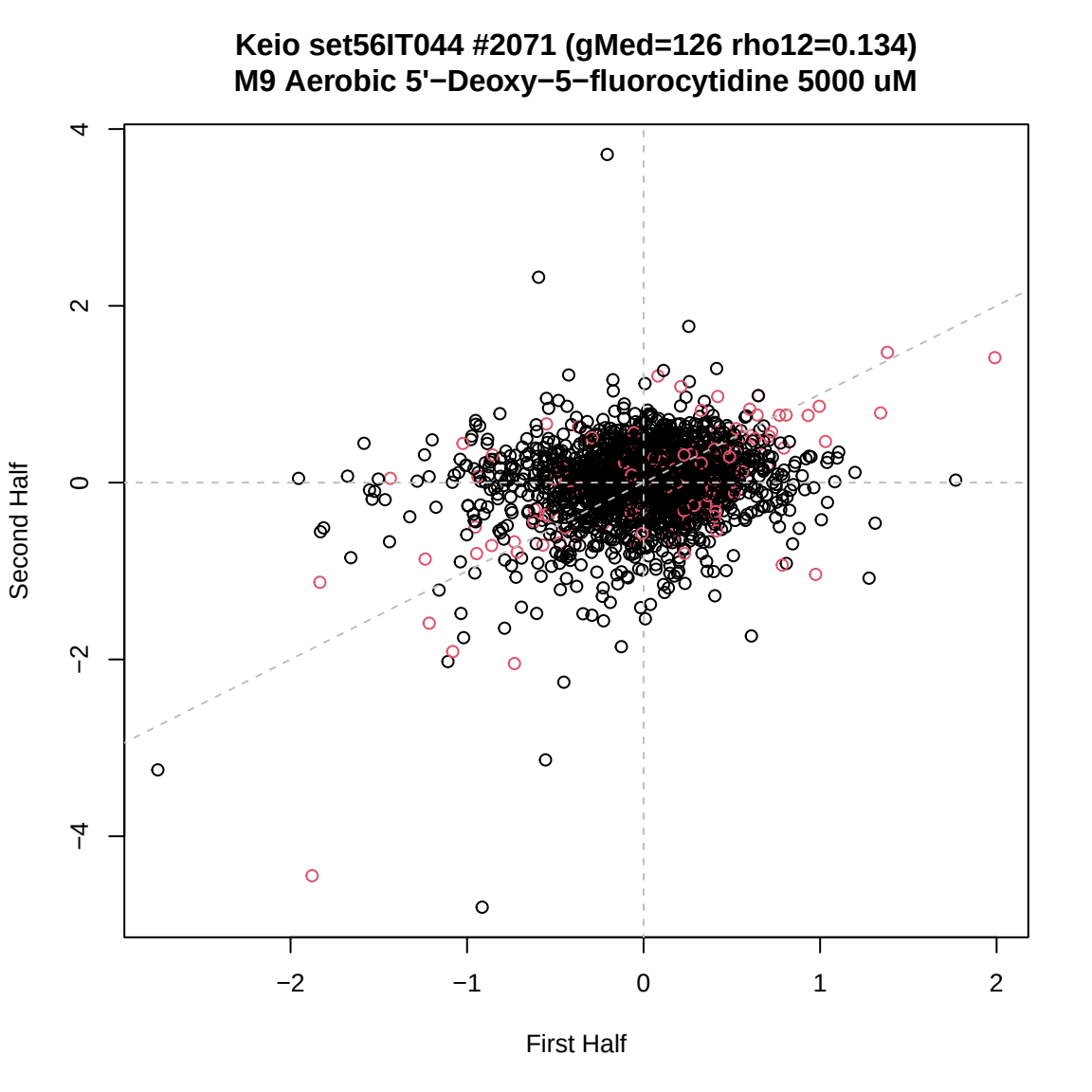

Keio set56IT039 #2066 (gMed=475 rho12=0.307)
M9 Aerobic Capecitabine 5000 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

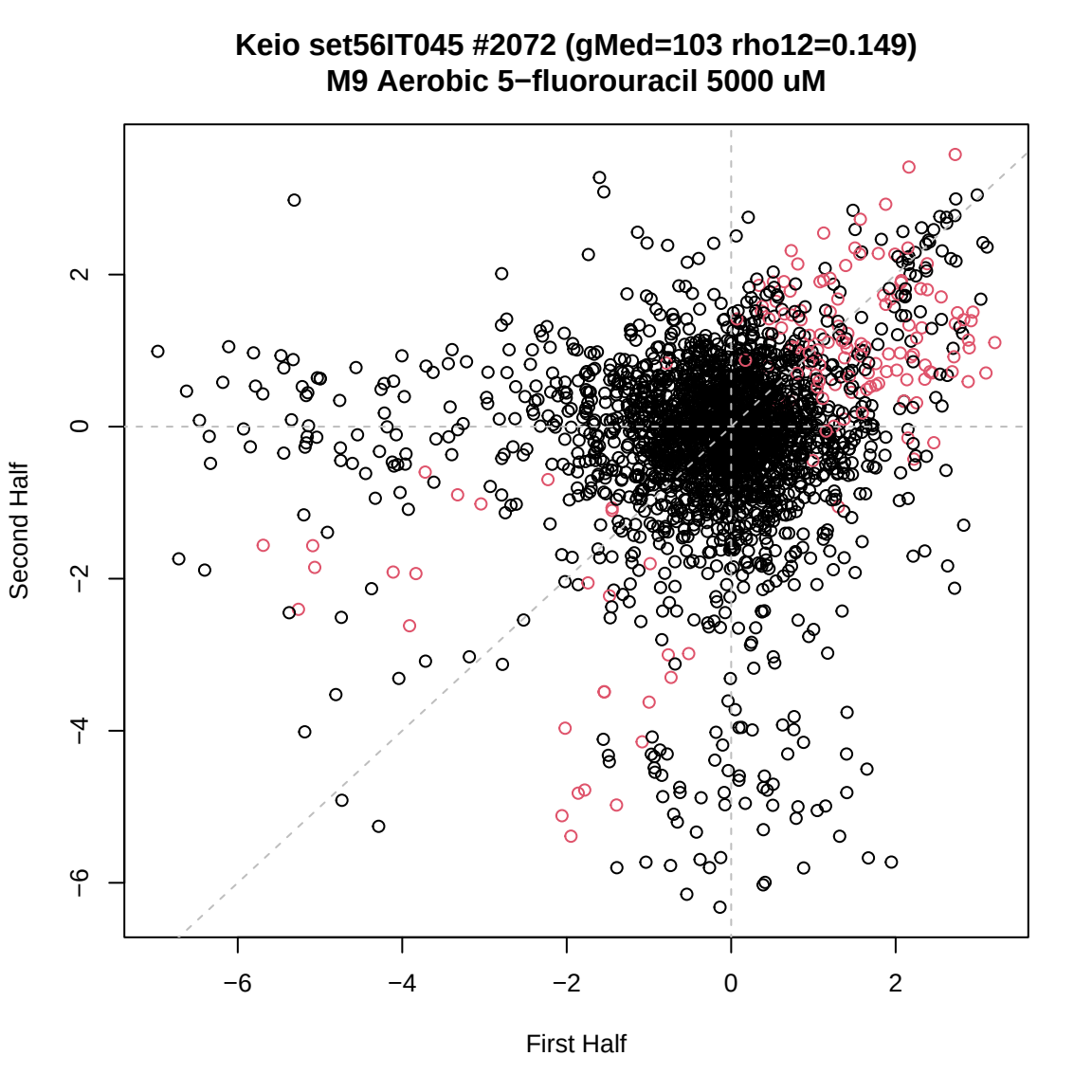

Keio set56IT040 #2067 (gMed=460 rho12=0.285)
M9 Aerobic Capecitabine 5000 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

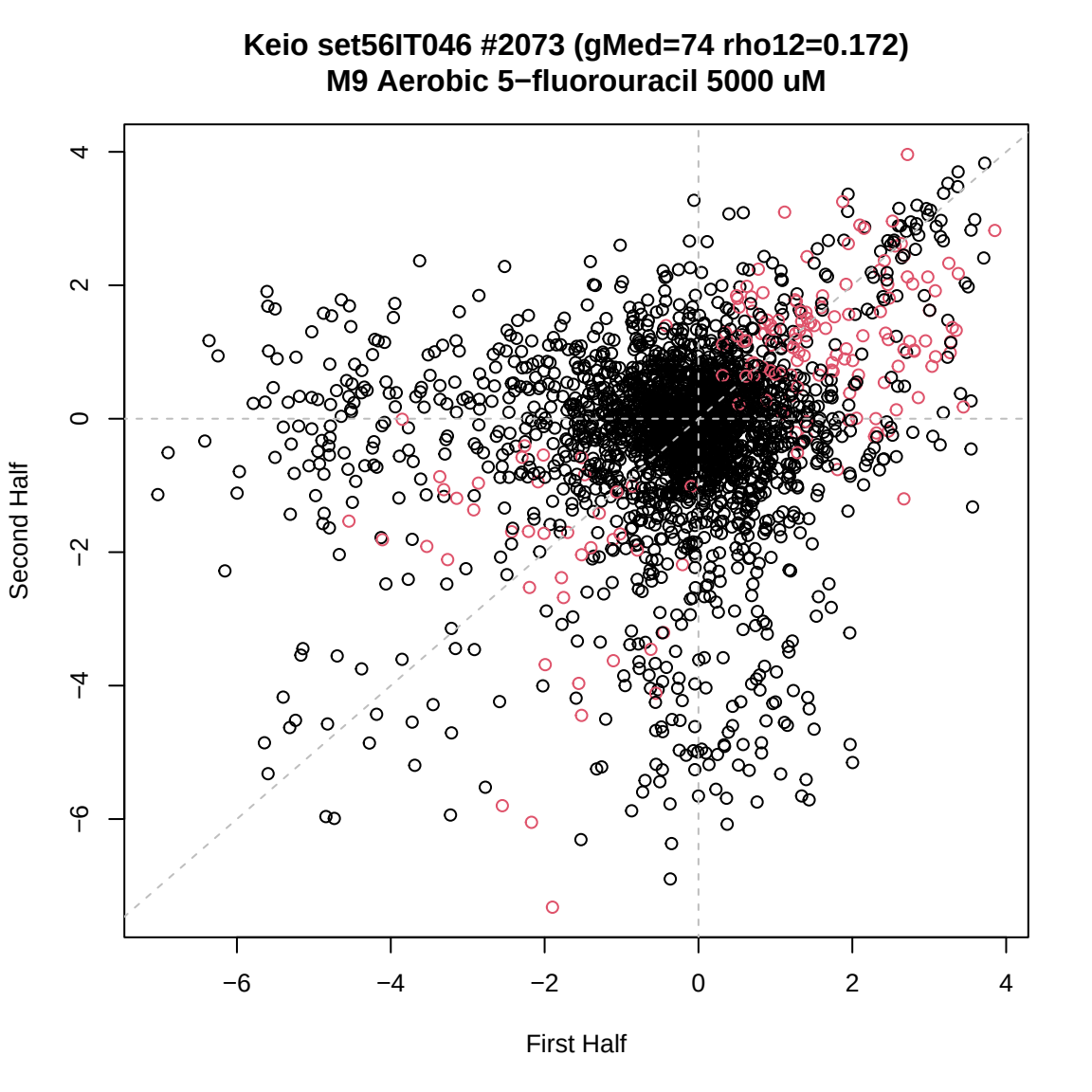

Keio set56IT041 #2068 (gMed=90 rho12=0.192)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
−4
−3
−2
−1
0
1
2

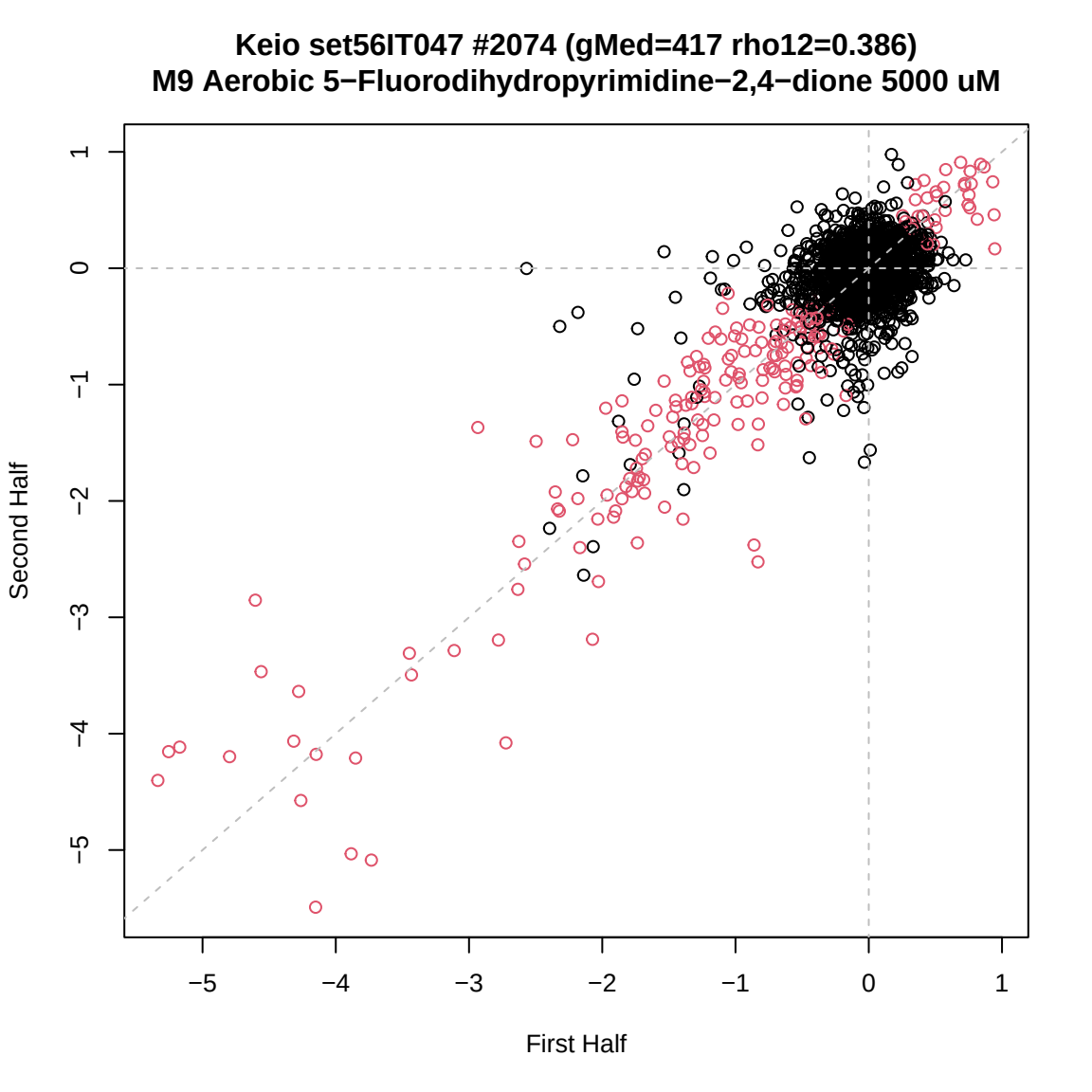

Keio set56IT042 #2069 (gMed=143 rho12=0.204)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
2
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

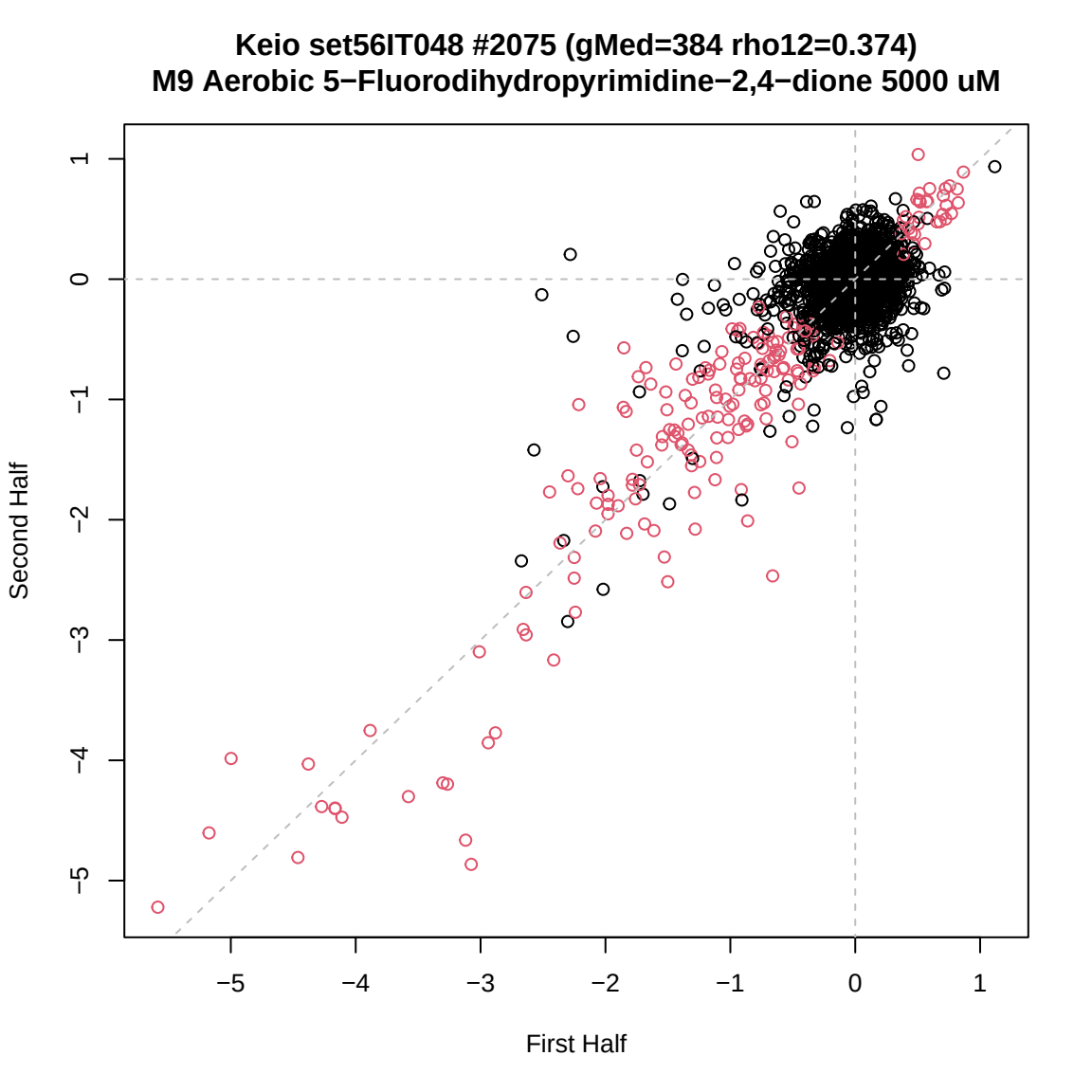

Keio set56IT043 #2070 (gMed=105 rho12=0.127)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−2
−1
0
1
2

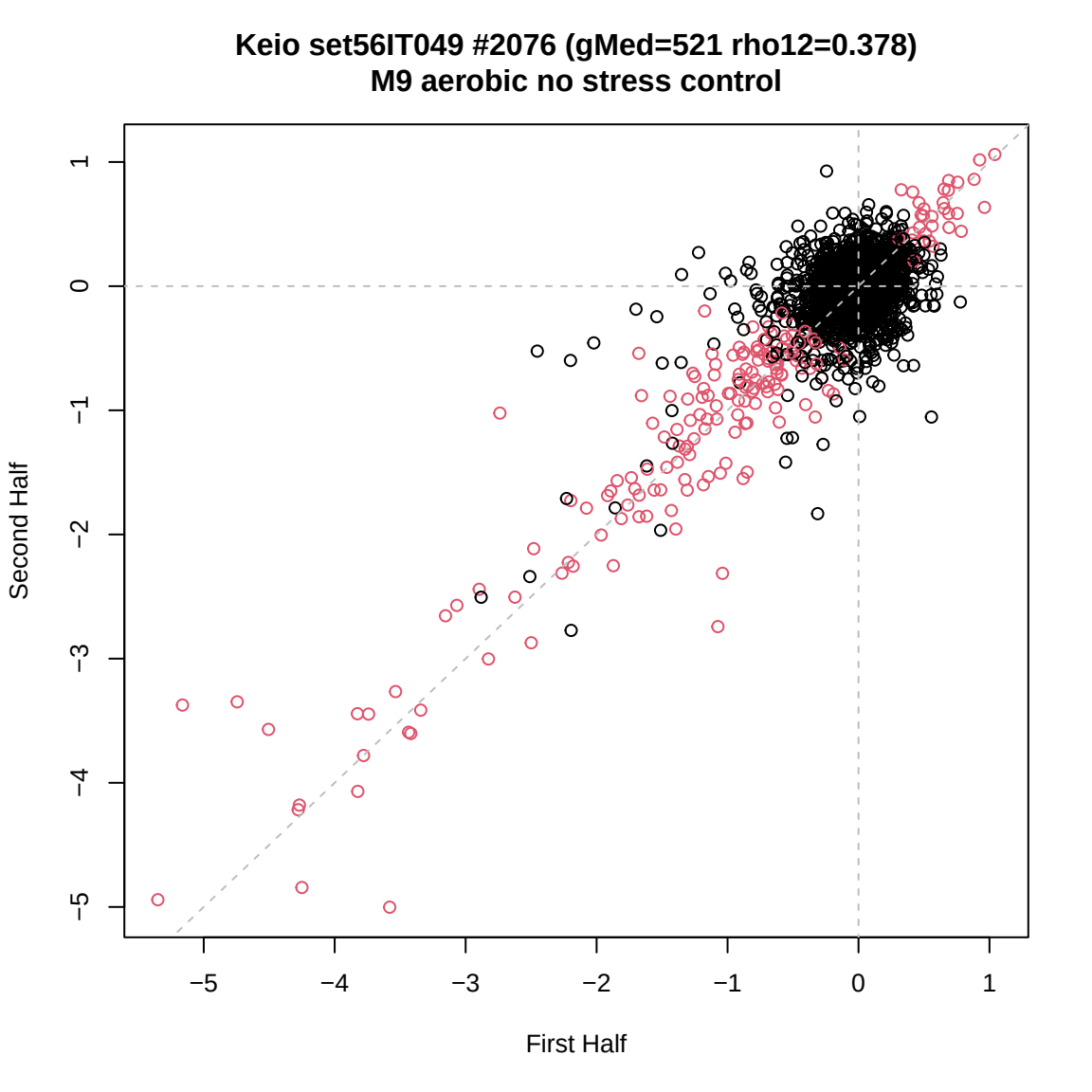

Keio set56IT044 #2071 (gMed=126 rho12=0.134)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 5000 uM
Second Half
First Half
4
2
0
−2
−4
−2
−1
0
1
2

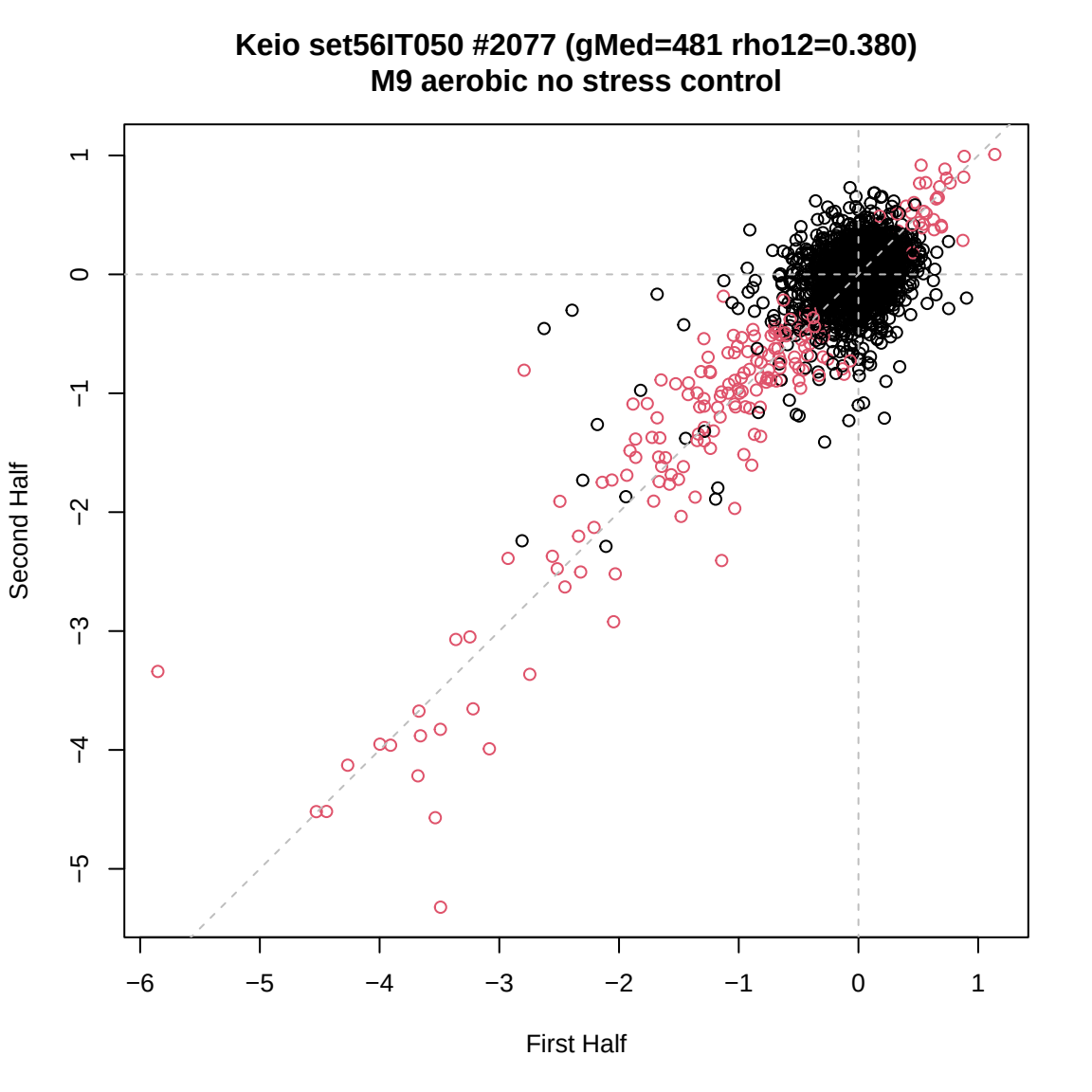

Keio set56IT045 #2072 (gMed=103 rho12=0.149)
M9 Aerobic 5−fluorouracil 5000 uM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

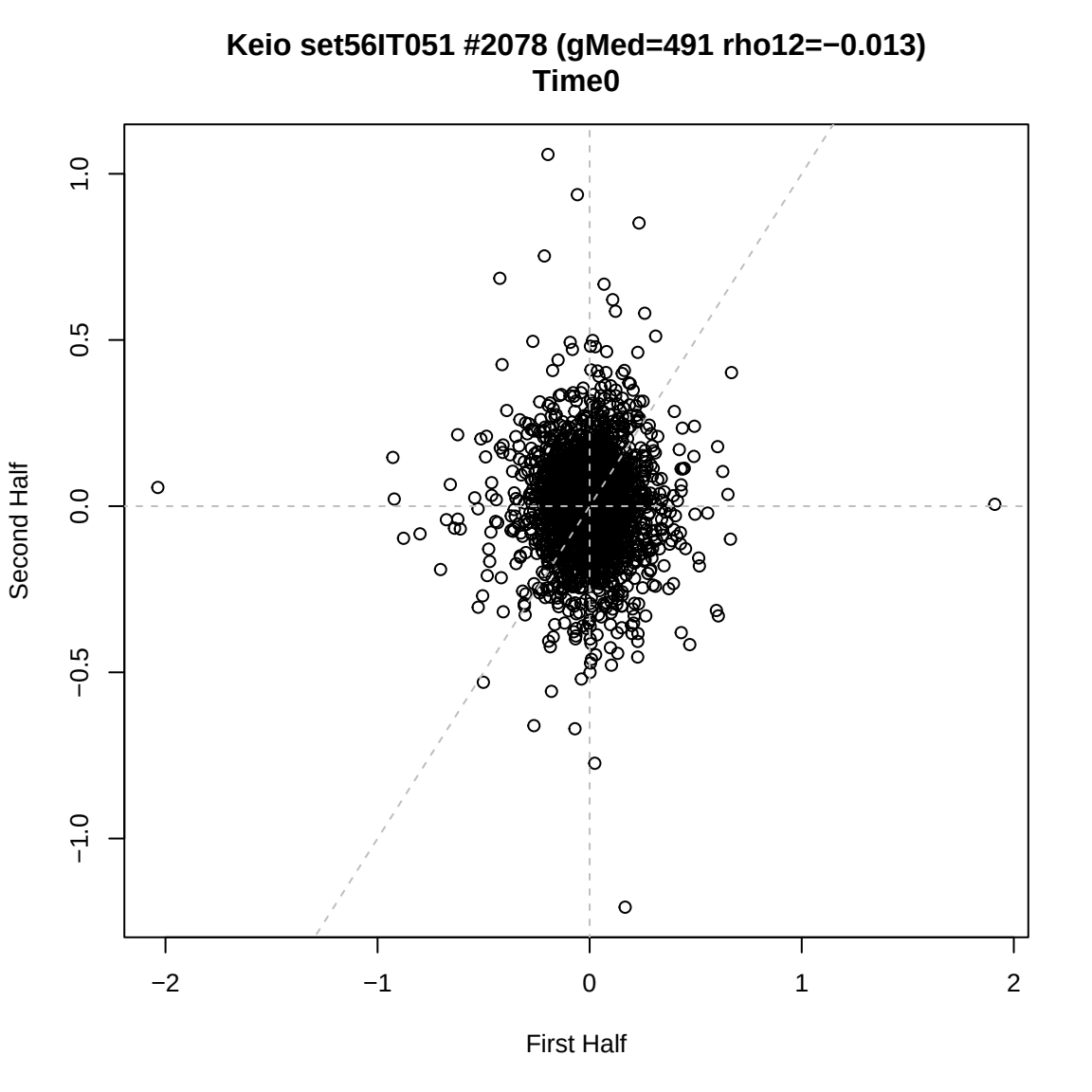

Keio set56IT046 #2073 (gMed=74 rho12=0.172)
M9 Aerobic 5−fluorouracil 5000 uM
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

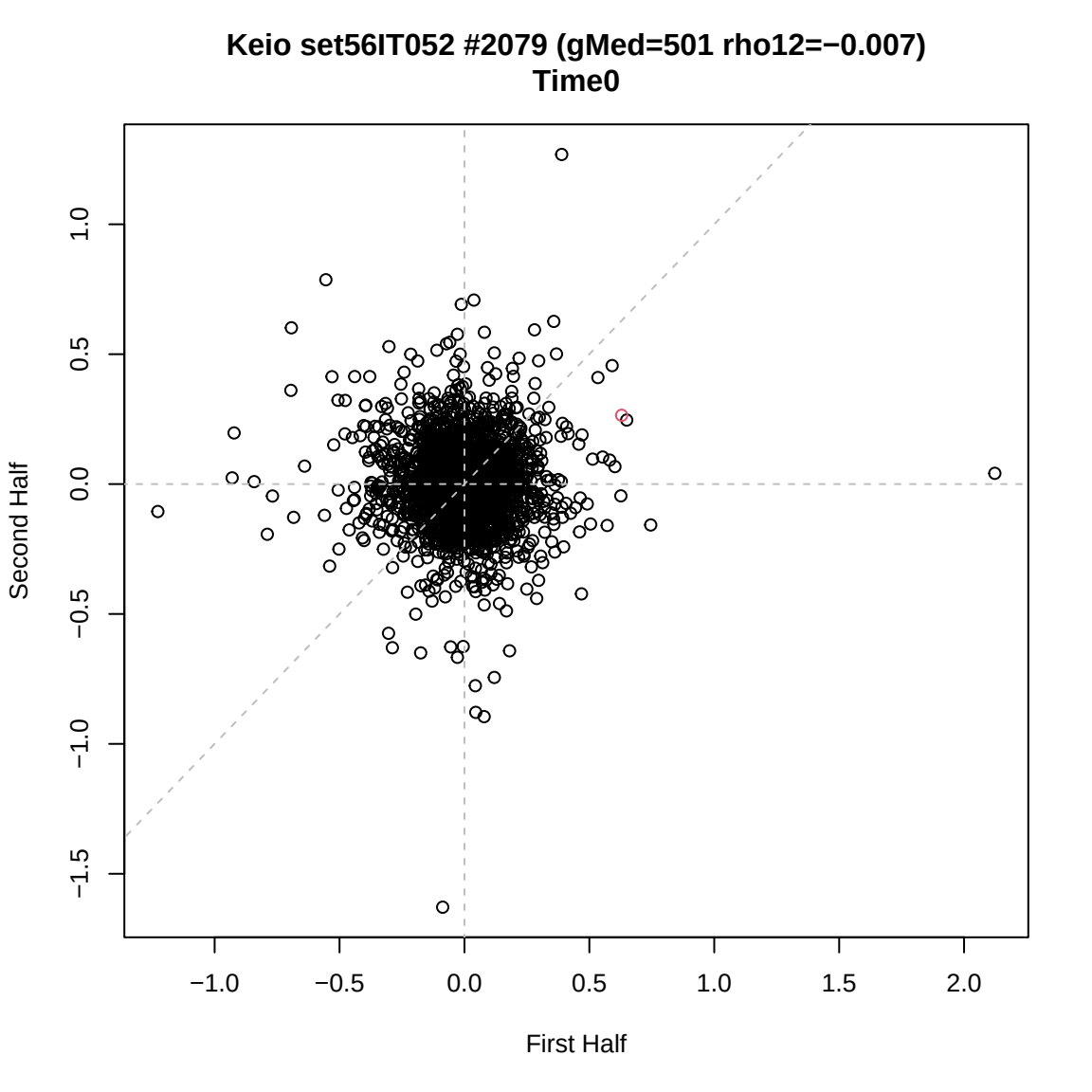

Keio set56IT047 #2074 (gMed=417 rho12=0.386)
M9 Aerobic 5−Fluorodihydropyrimidine−2,4−dione 5000 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

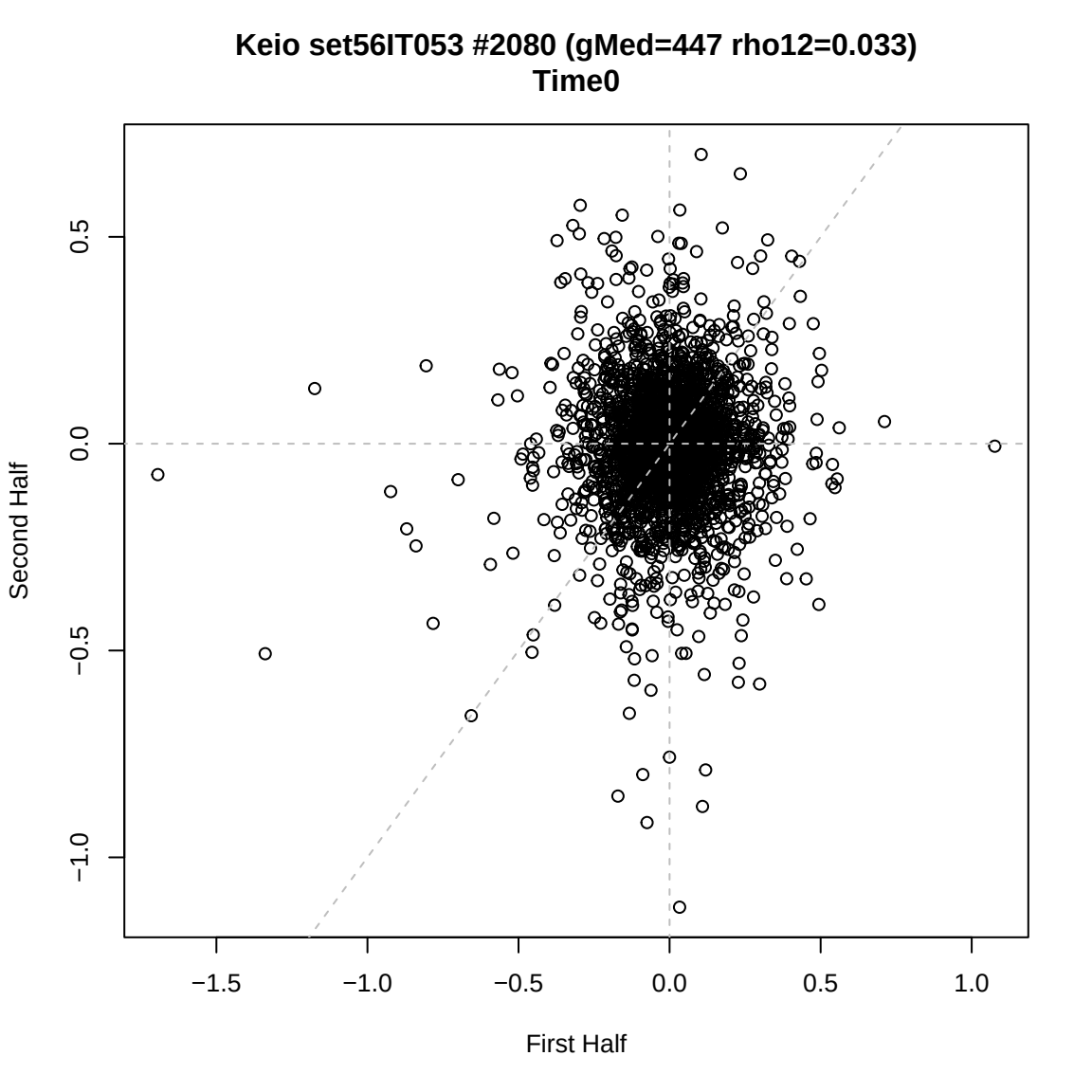

Keio set56IT048 #2075 (gMed=384 rho12=0.374)
M9 Aerobic 5−Fluorodihydropyrimidine−2,4−dione 5000 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

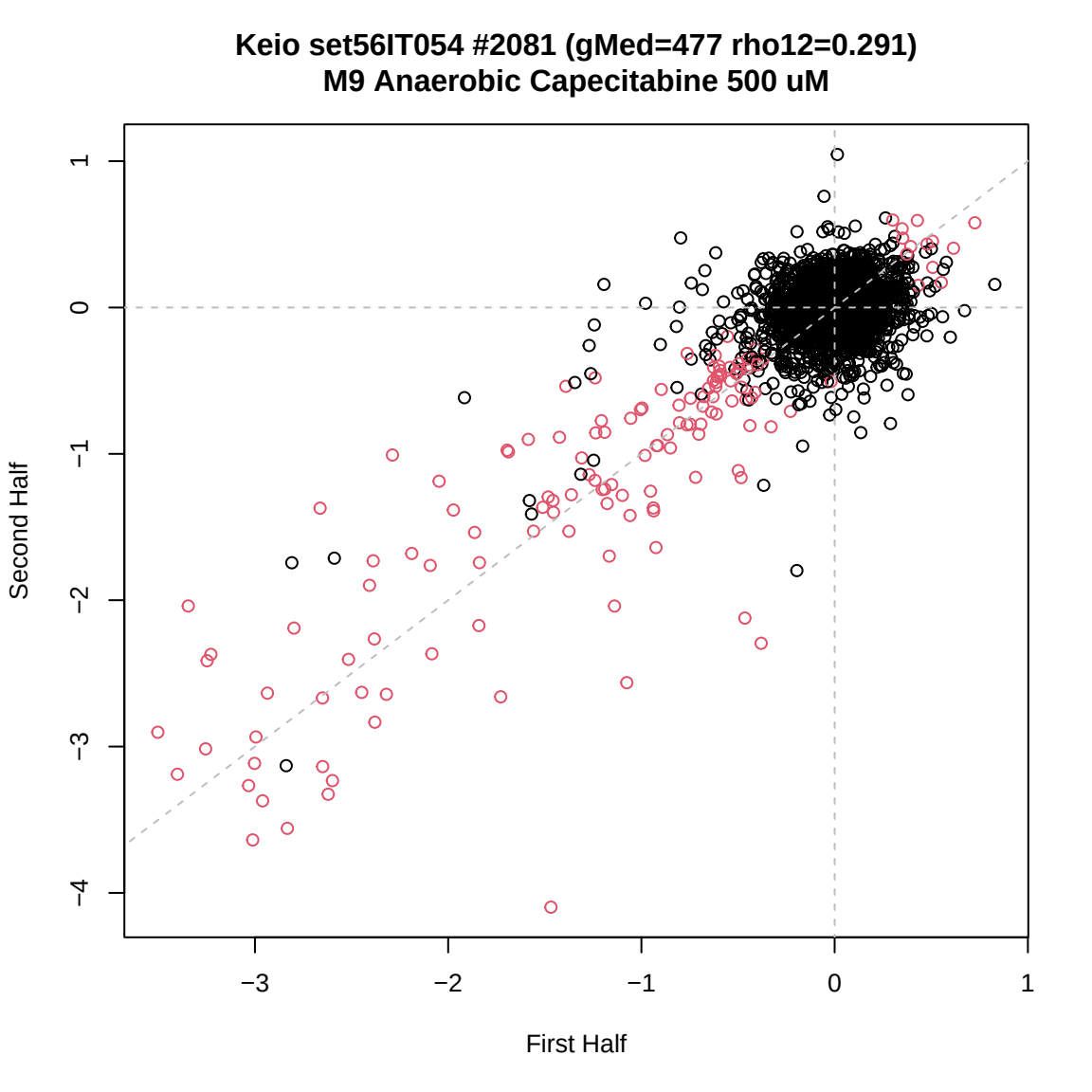

Keio set56IT049 #2076 (gMed=521 rho12=0.378)
M9 aerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

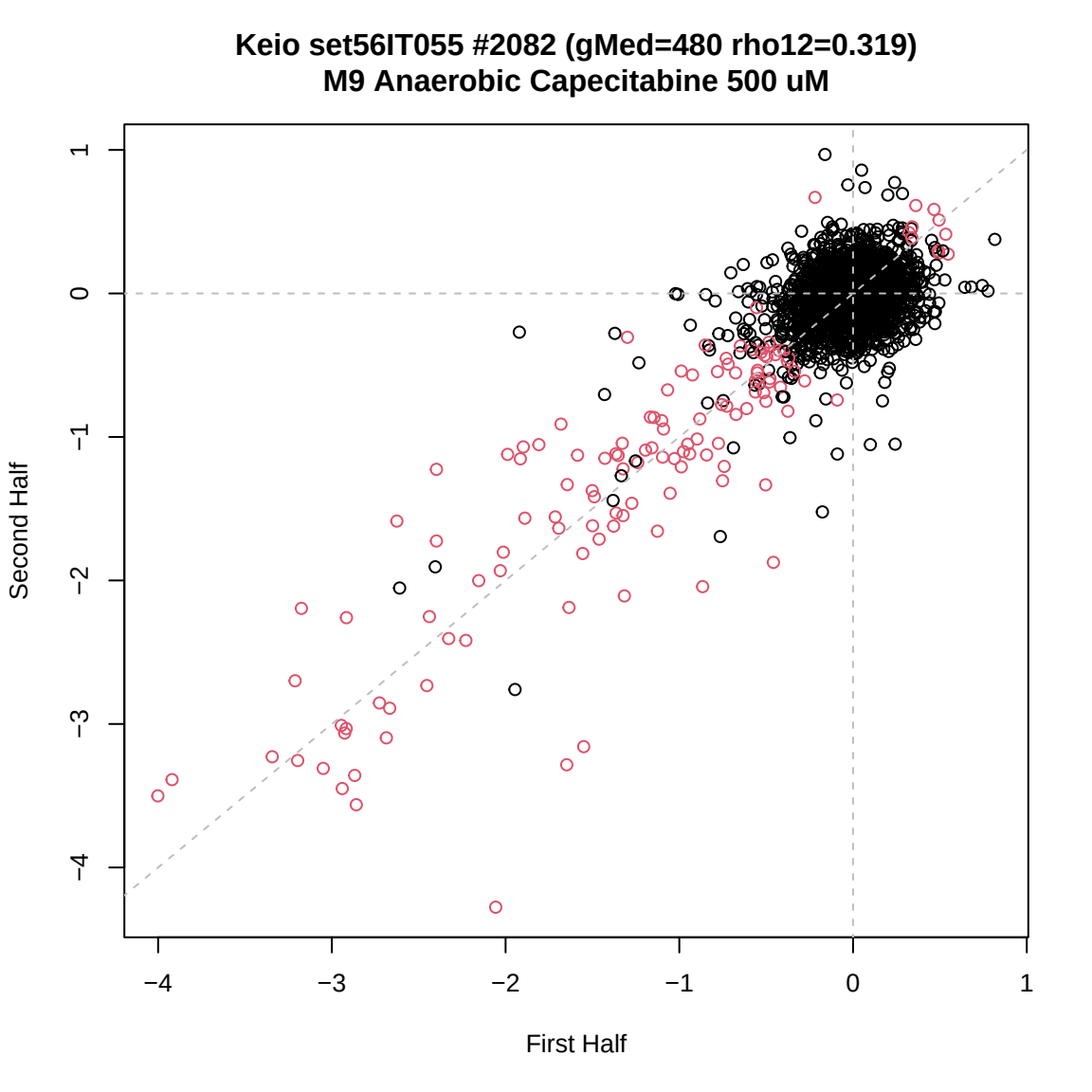

Keio set56IT050 #2077 (gMed=481 rho12=0.380)
M9 aerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

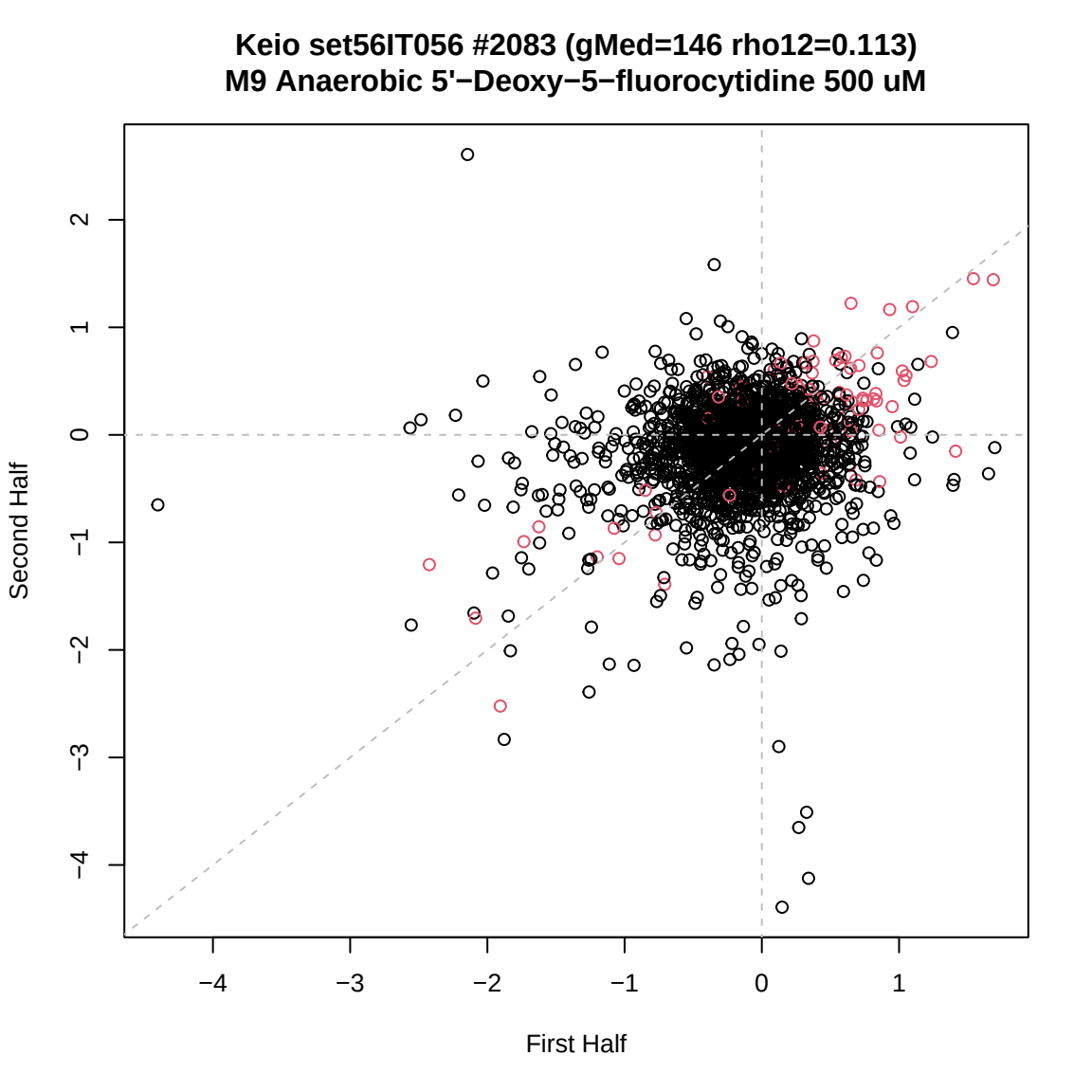

Keio set56IT051 #2078 (gMed=491 rho12=−0.013)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2
−1
0
1
2

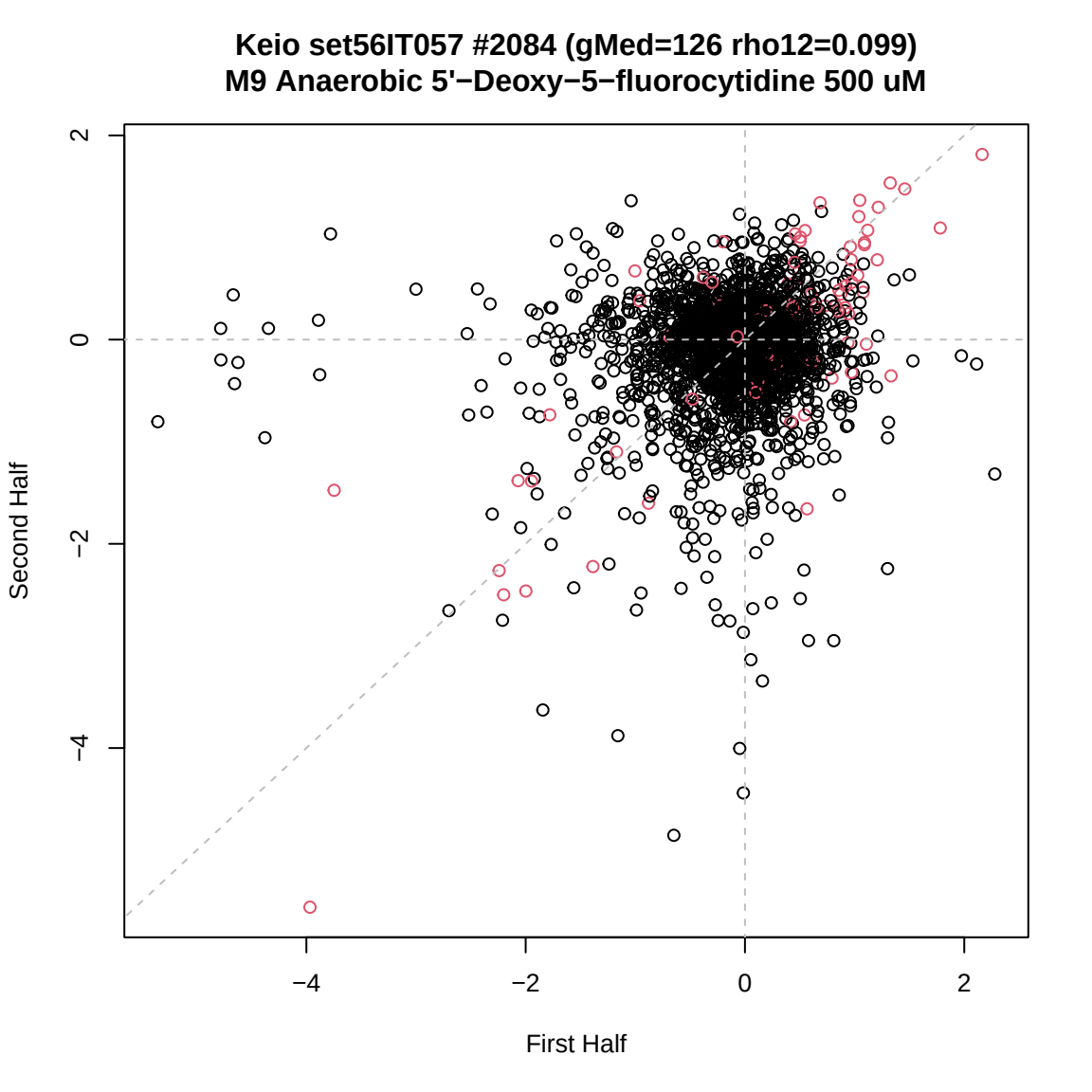

Keio set56IT052 #2079 (gMed=501 rho12=−0.007)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

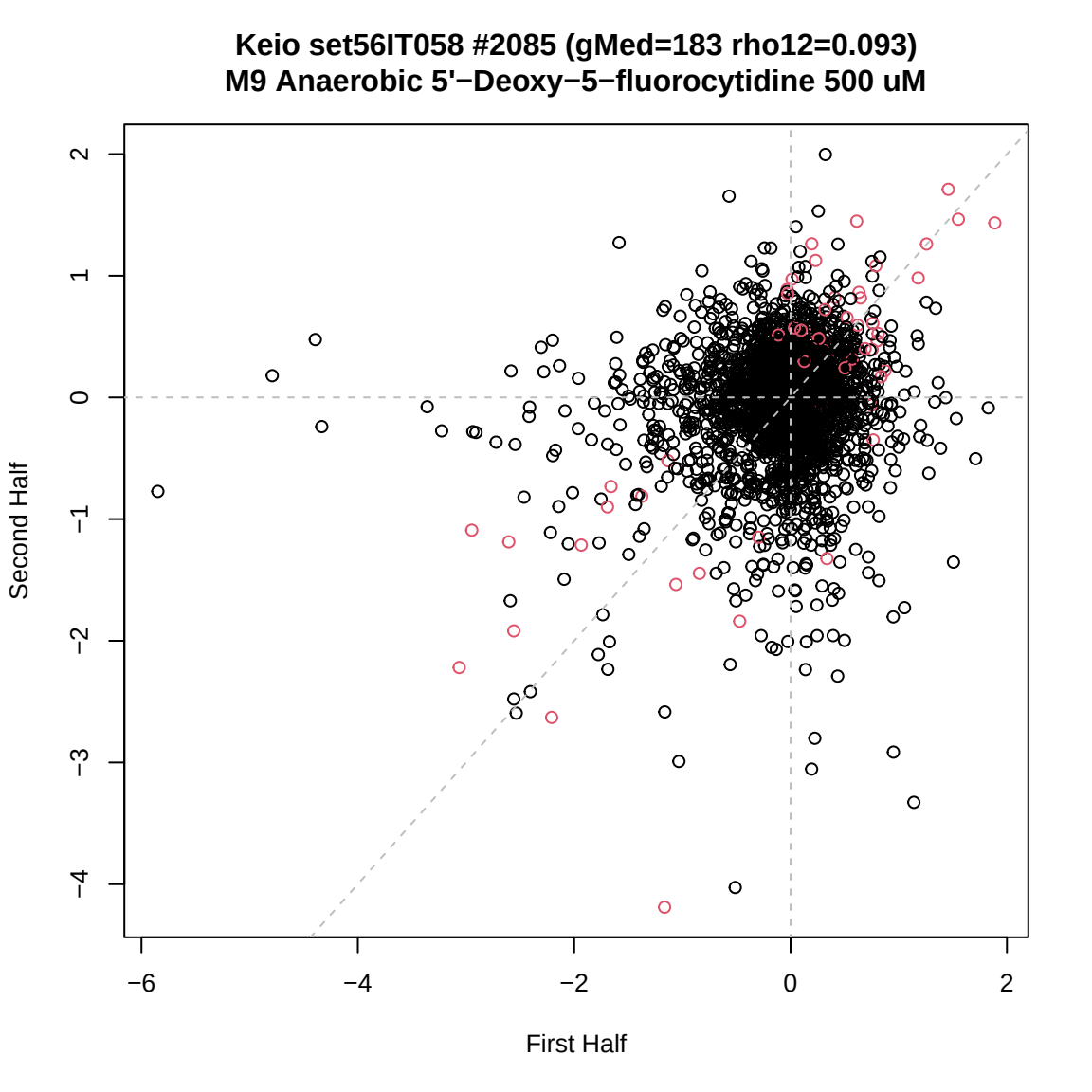

Keio set56IT053 #2080 (gMed=447 rho12=0.033)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

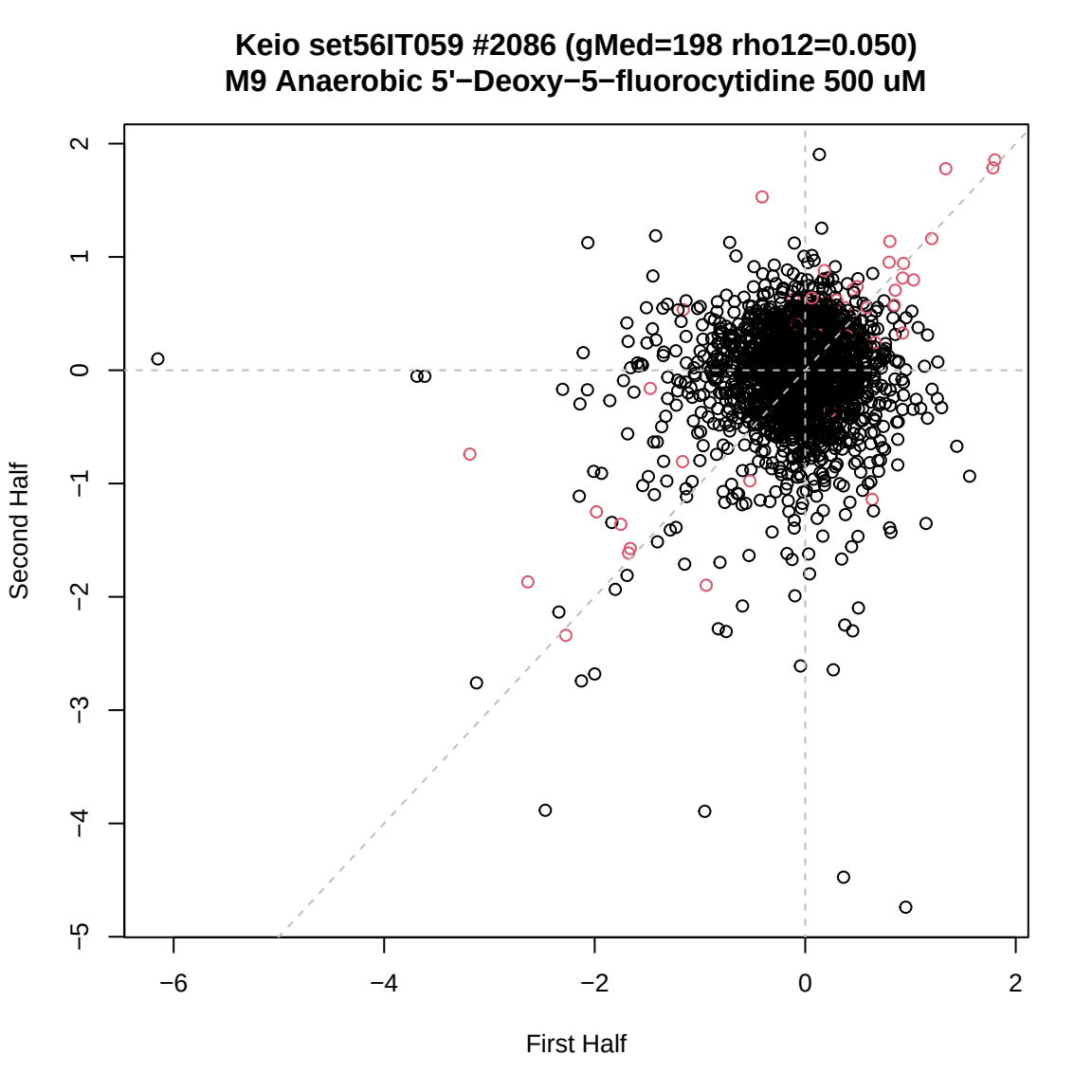

Keio set56IT054 #2081 (gMed=477 rho12=0.291)
M9 Anaerobic Capecitabine 500 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

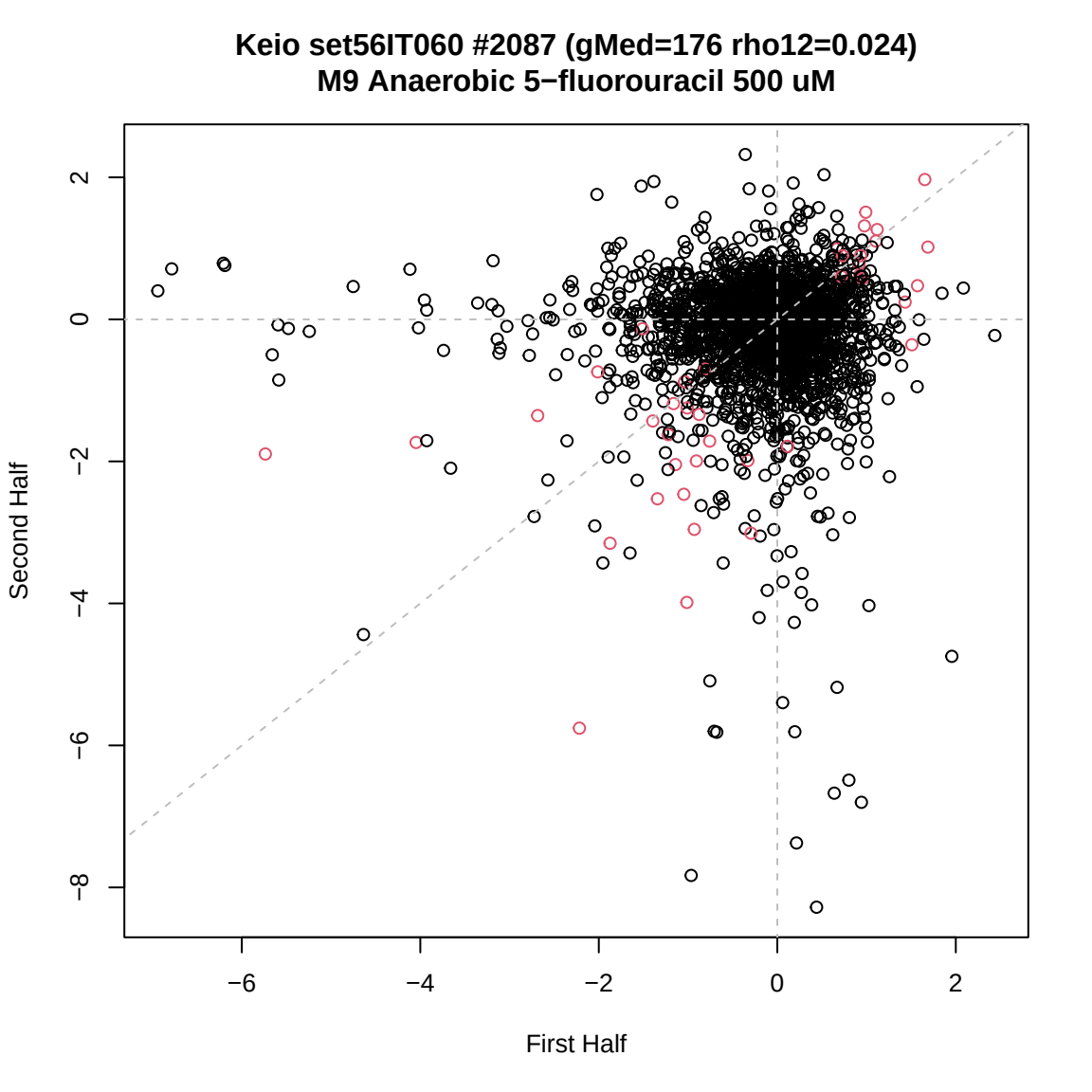

Keio set56IT055 #2082 (gMed=480 rho12=0.319)
M9 Anaerobic Capecitabine 500 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

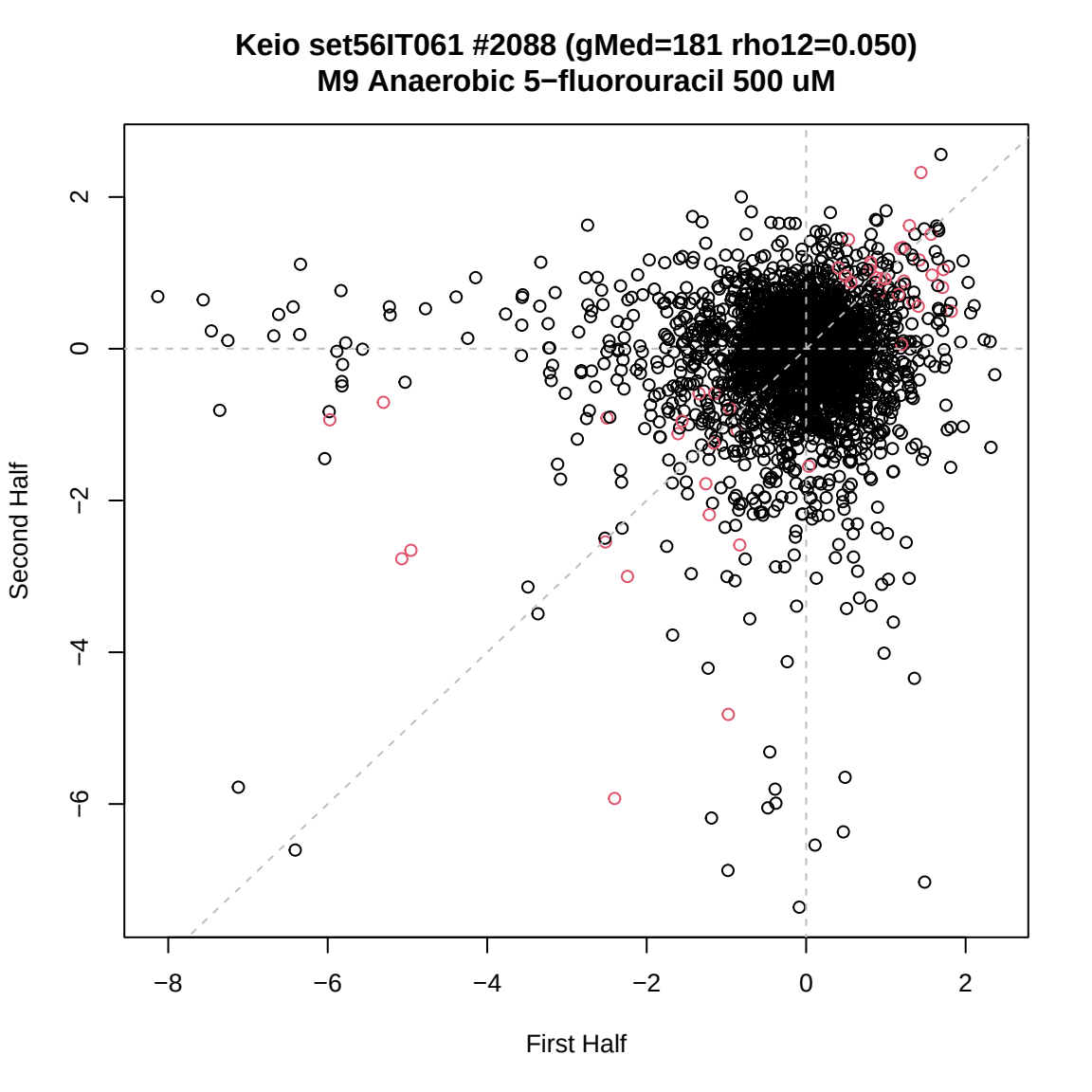

Keio set56IT056 #2083 (gMed=146 rho12=0.113)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

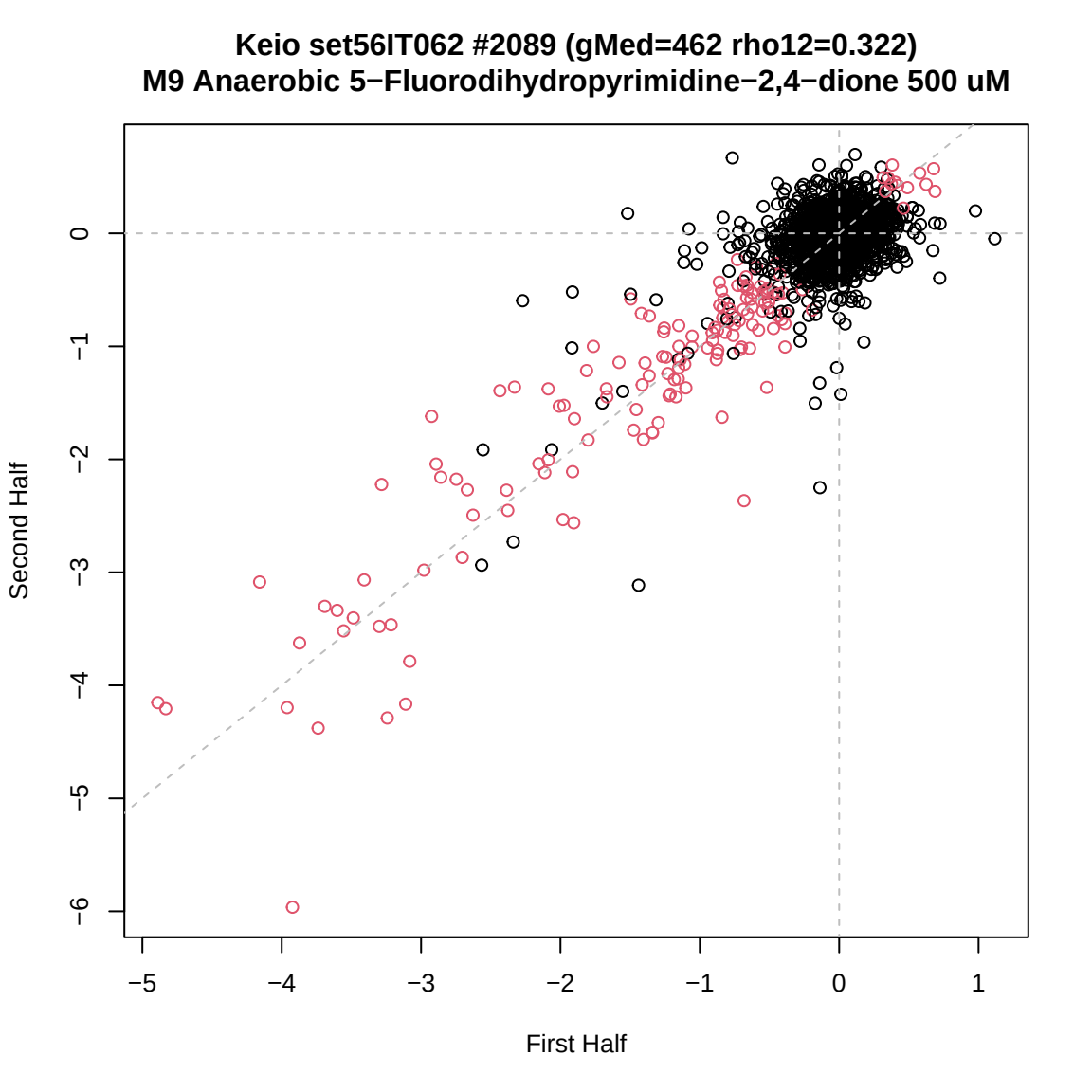

Keio set56IT057 #2084 (gMed=126 rho12=0.099)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

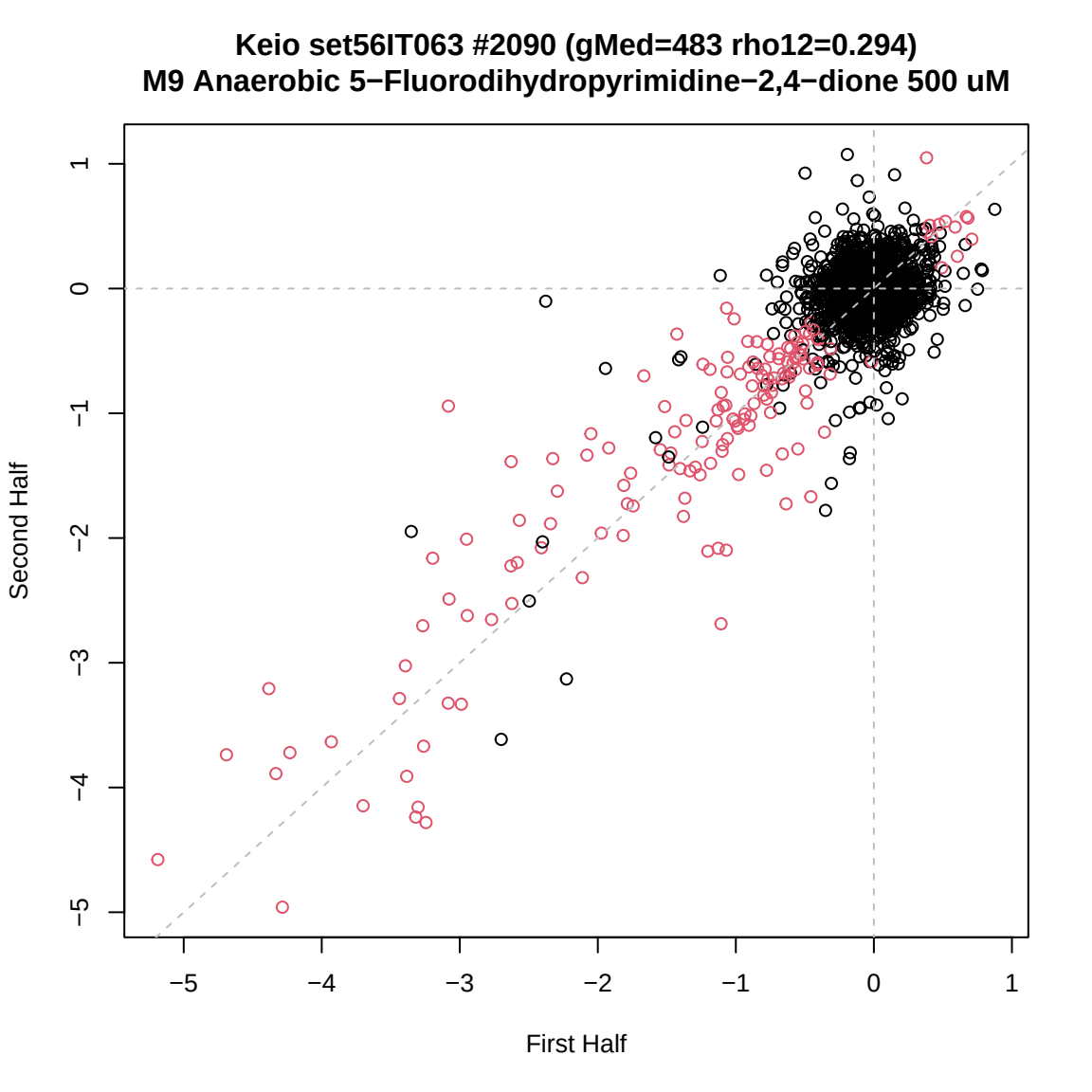

Keio set56IT058 #2085 (gMed=183 rho12=0.093)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0
2

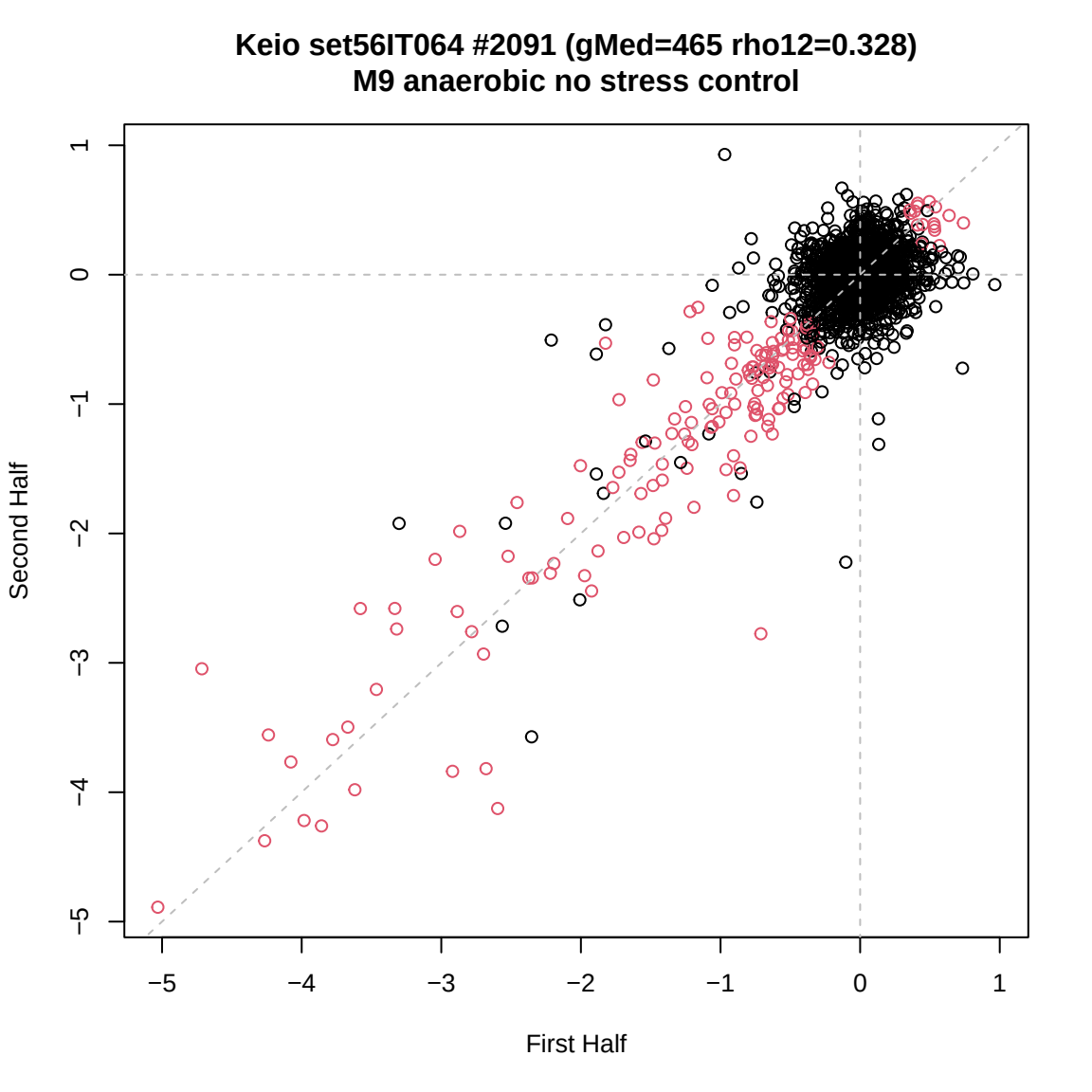

Keio set56IT059 #2086 (gMed=198 rho12=0.050)
M9 Anaerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0
2

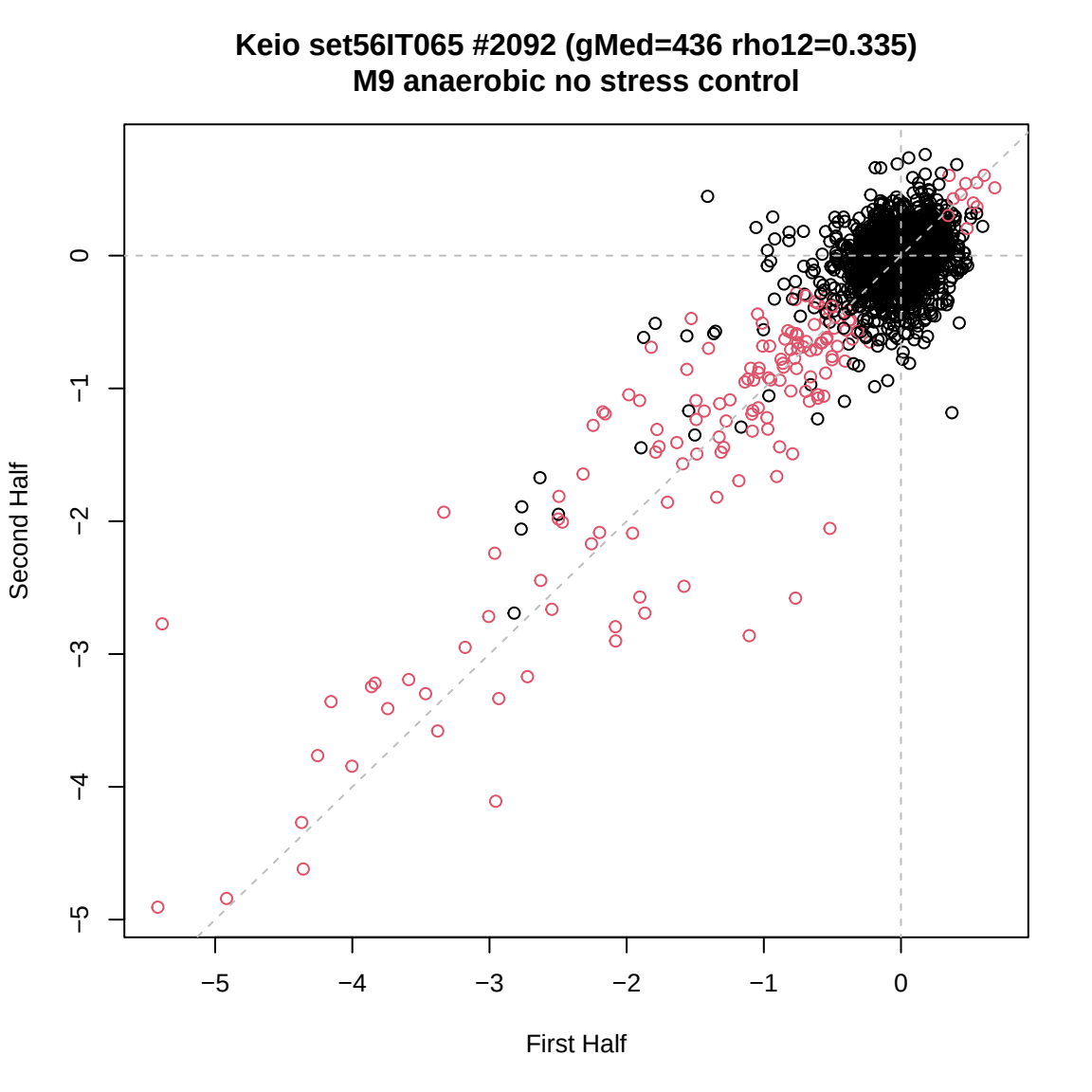

Keio set56IT060 #2087 (gMed=176 rho12=0.024)
M9 Anaerobic 5−fluorouracil 500 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

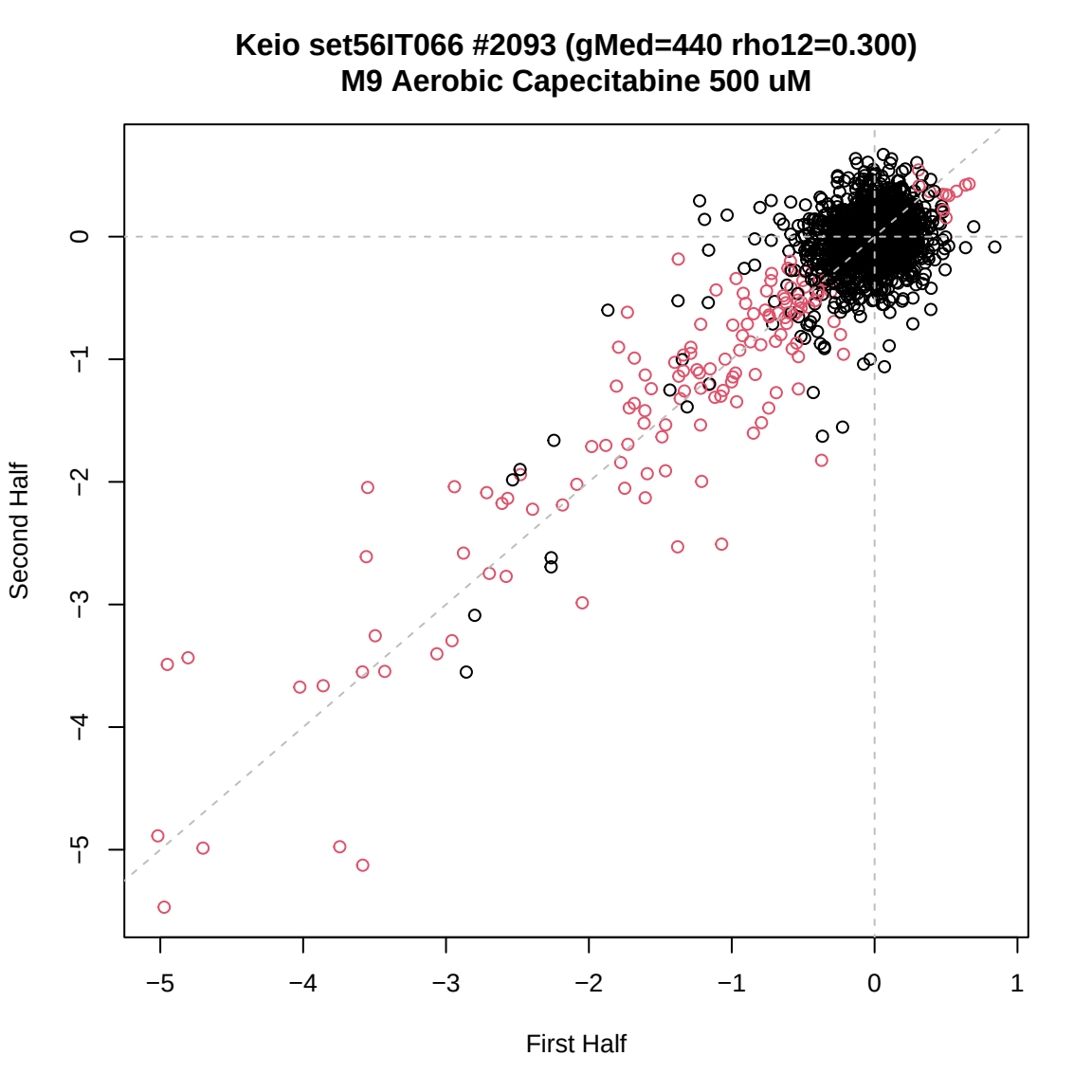

Keio set56IT061 #2088 (gMed=181 rho12=0.050)
M9 Anaerobic 5−fluorouracil 500 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

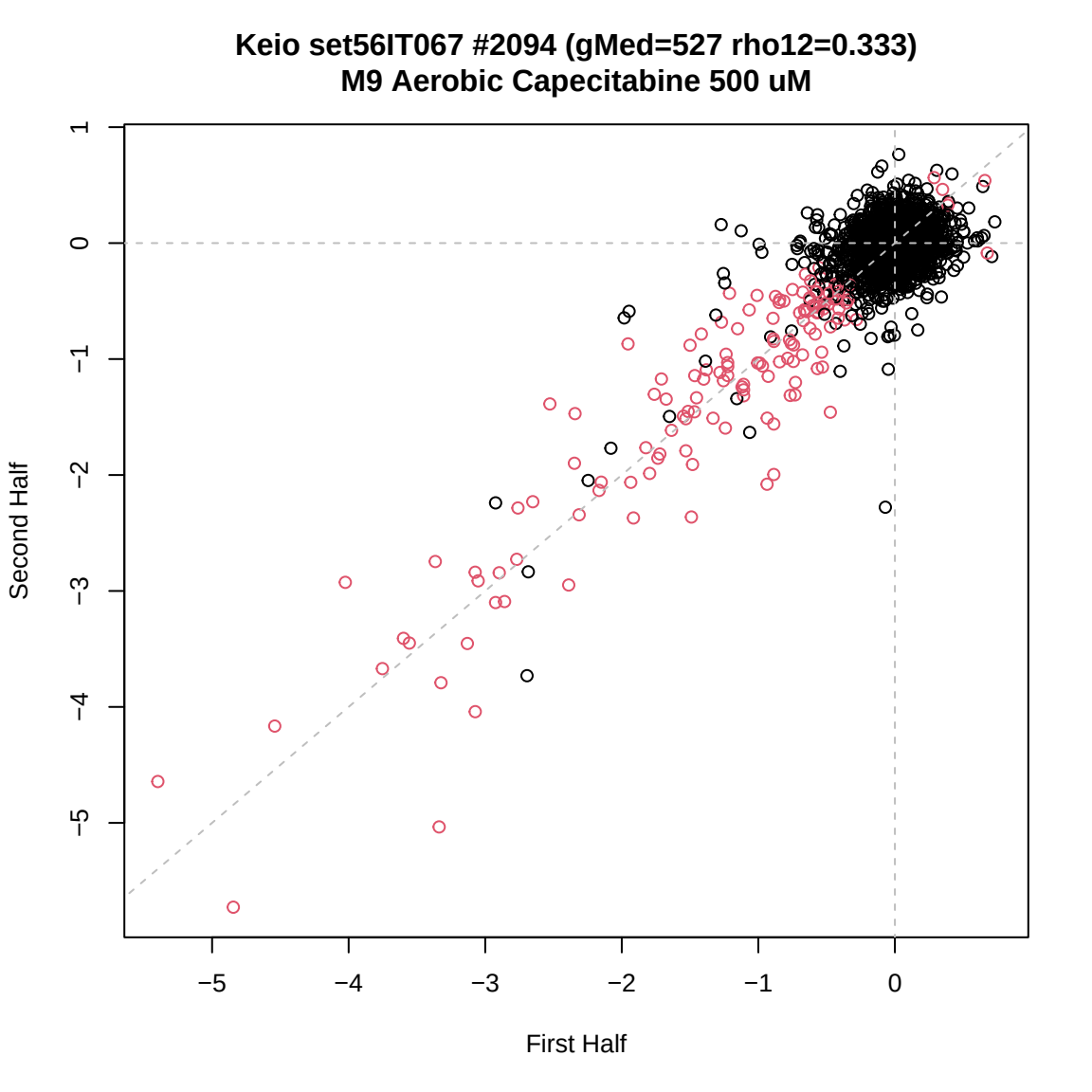

Keio set56IT062 #2089 (gMed=462 rho12=0.322)
M9 Anaerobic 5−Fluorodihydropyrimidine−2,4−dione 500 uM
Second Half
First Half
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

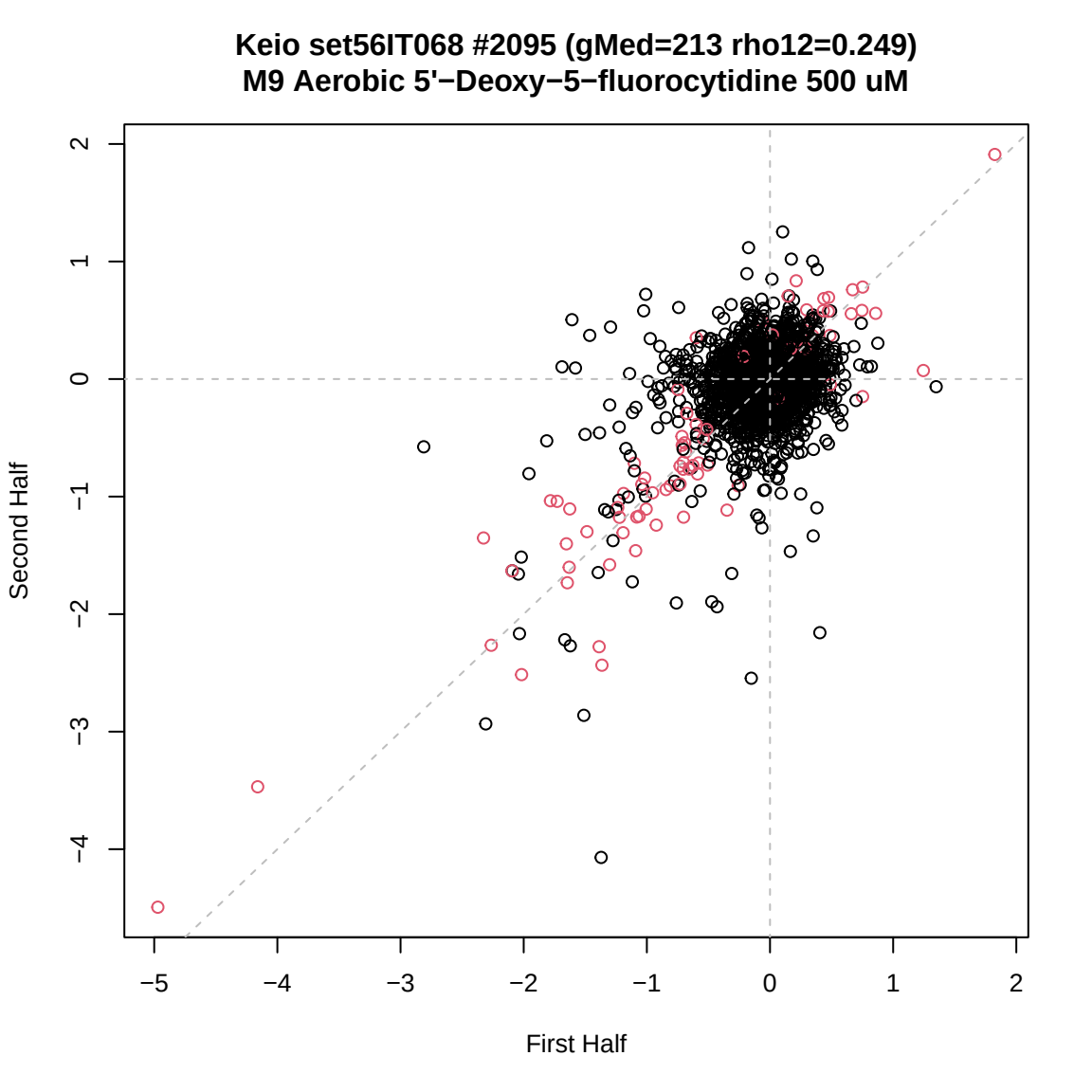

Keio set56IT063 #2090 (gMed=483 rho12=0.294)
M9 Anaerobic 5−Fluorodihydropyrimidine−2,4−dione 500 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

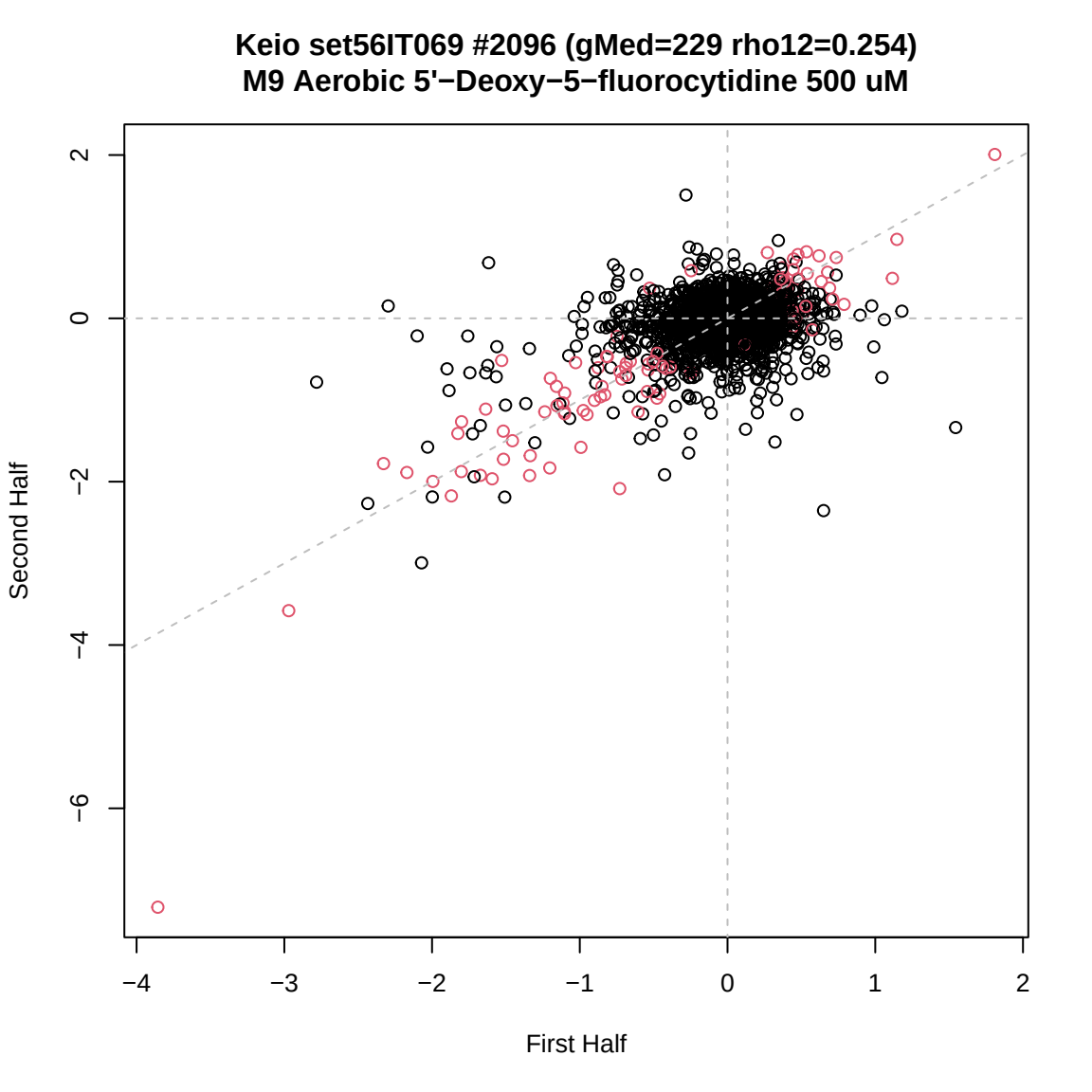

Keio set56IT064 #2091 (gMed=465 rho12=0.328)
M9 anaerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

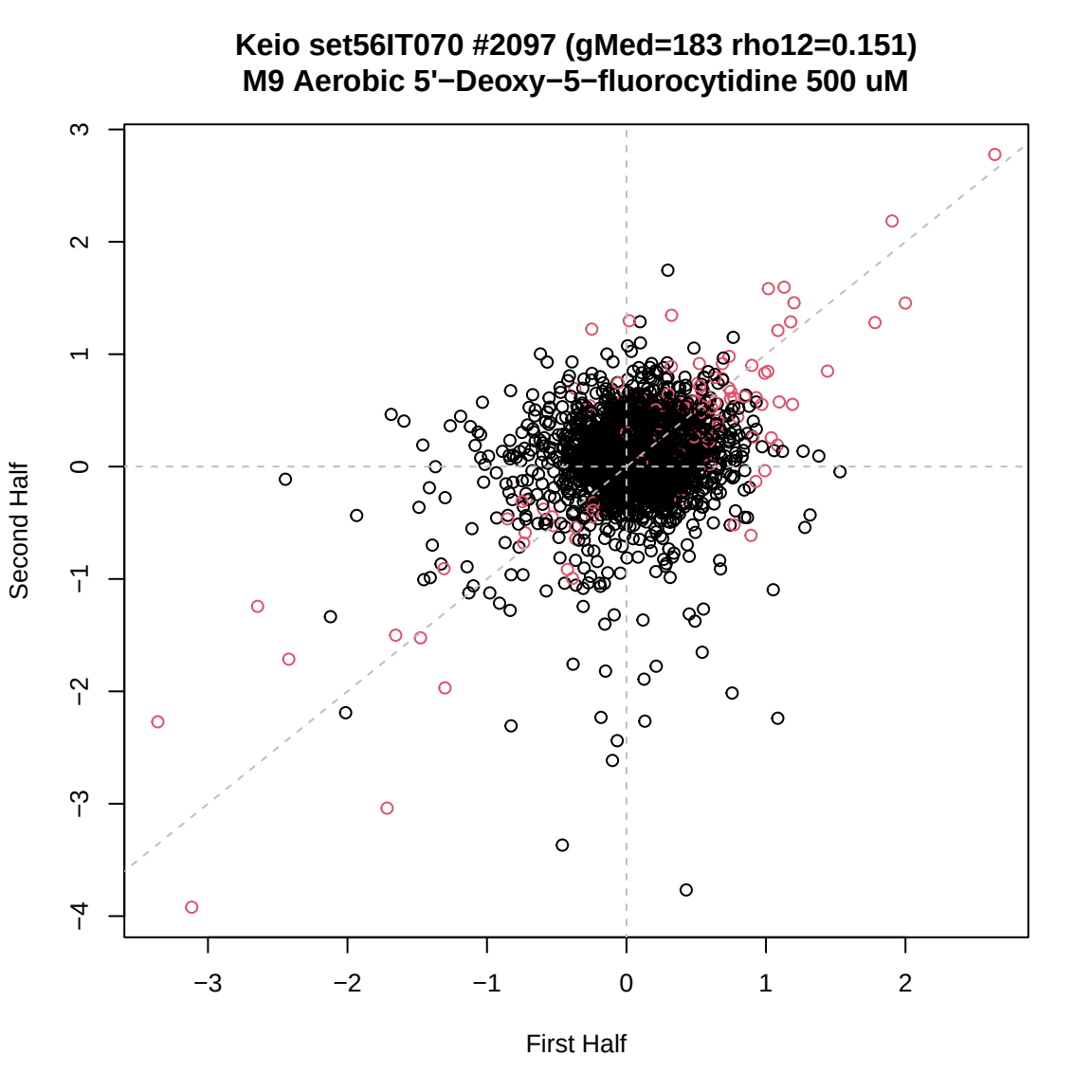

Keio set56IT065 #2092 (gMed=436 rho12=0.335)
M9 anaerobic no stress control
Second Half
First Half
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0

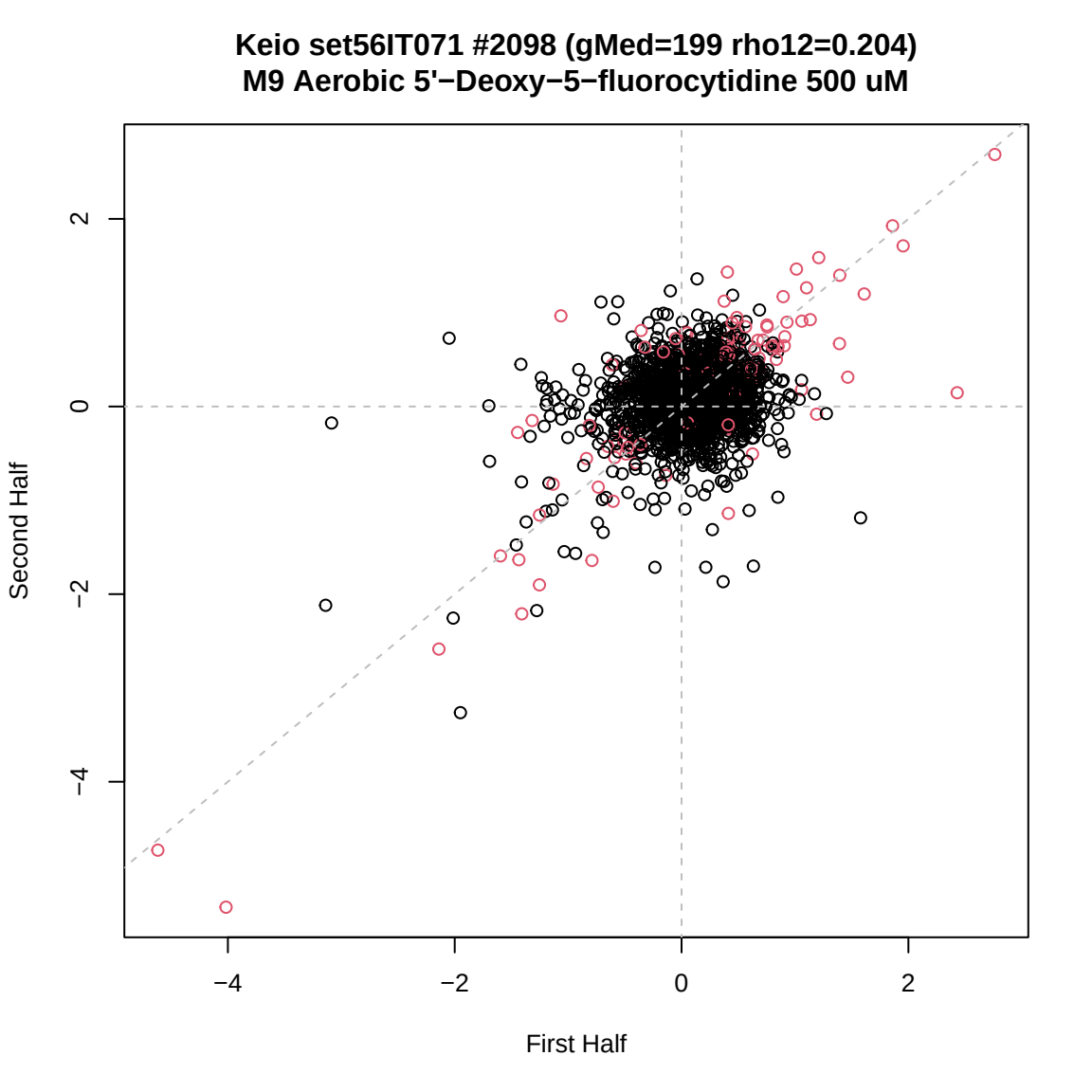

Keio set56IT066 #2093 (gMed=440 rho12=0.300)
M9 Aerobic Capecitabine 500 uM
Second Half
First Half
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

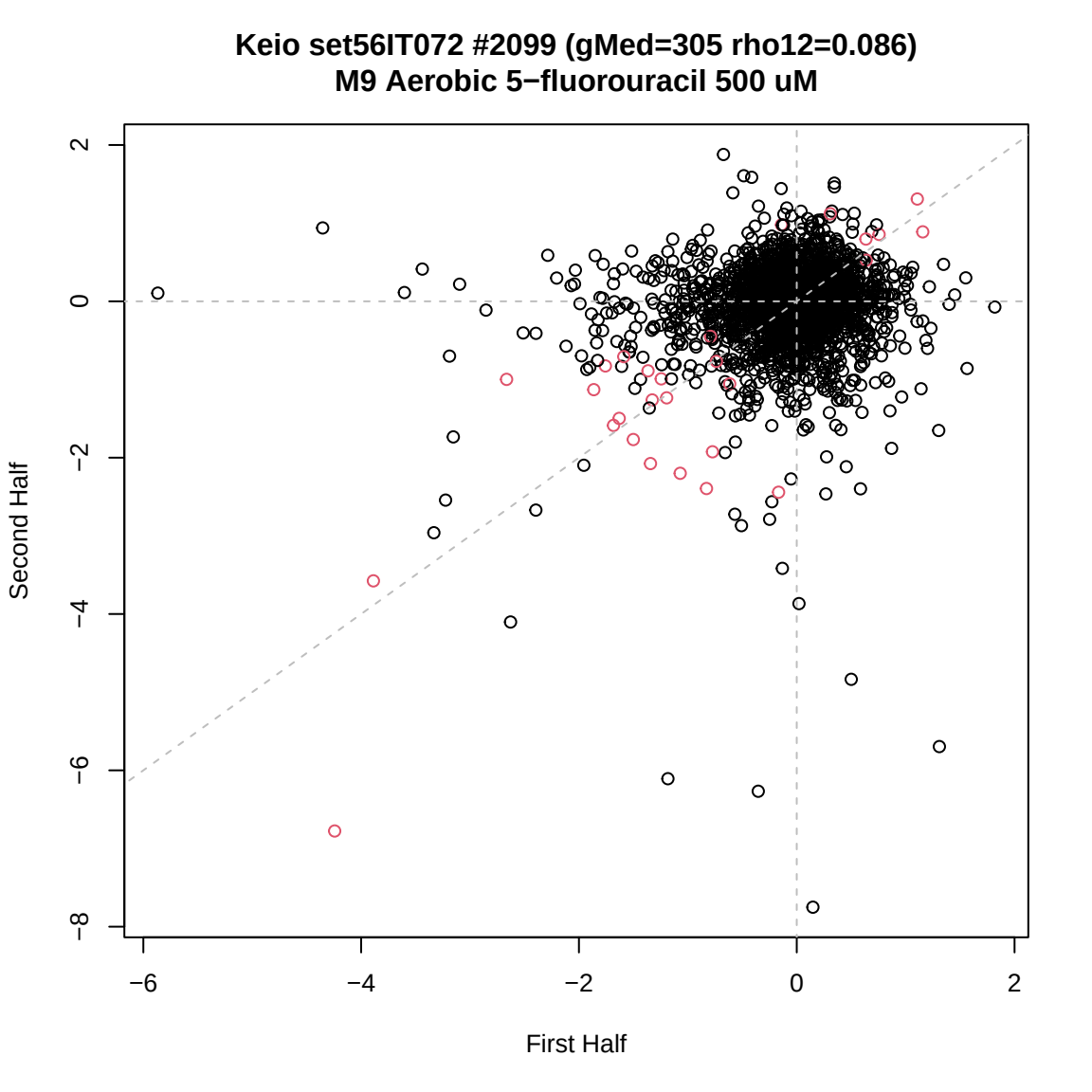

Keio set56IT067 #2094 (gMed=527 rho12=0.333)
M9 Aerobic Capecitabine 500 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0

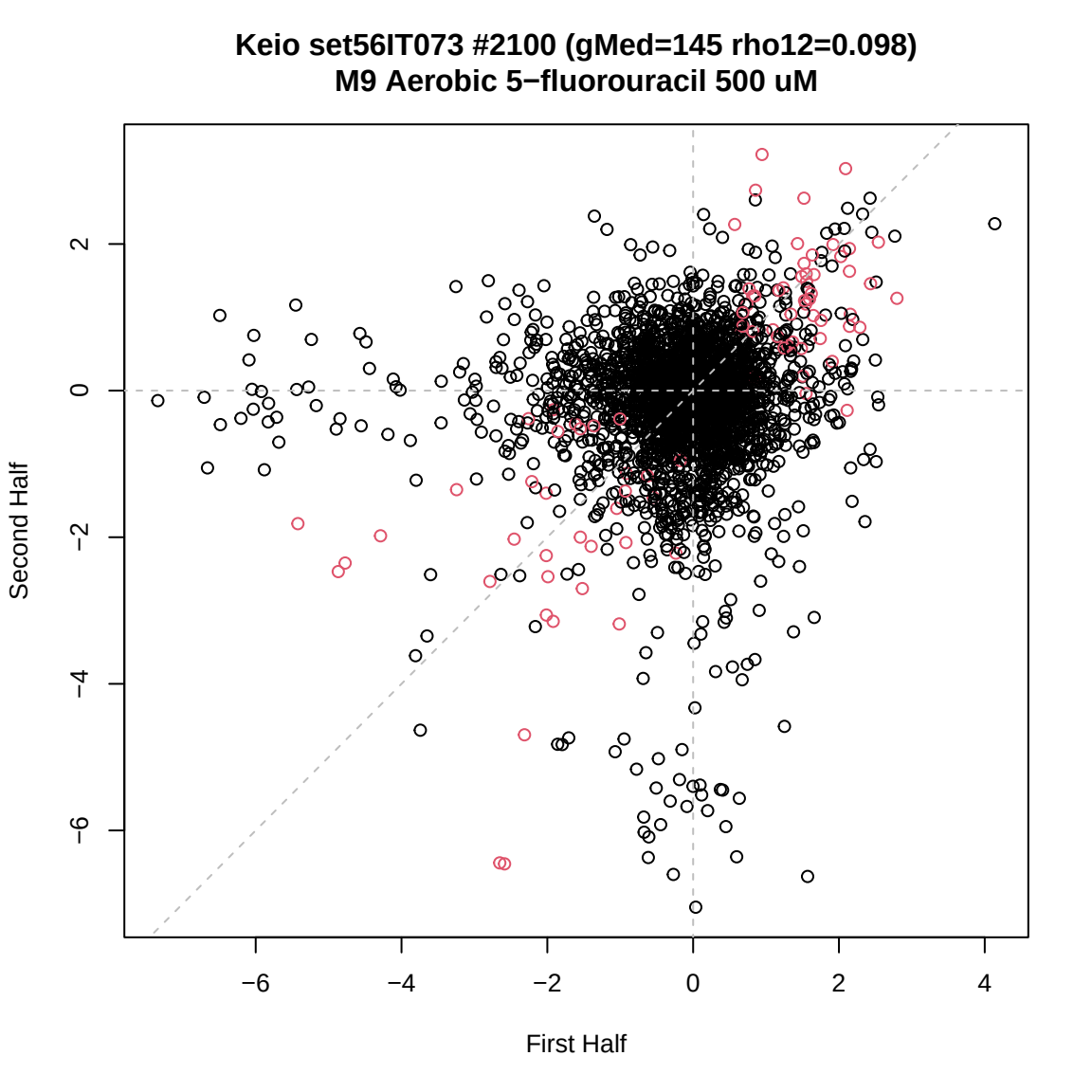

Keio set56IT068 #2095 (gMed=213 rho12=0.249)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

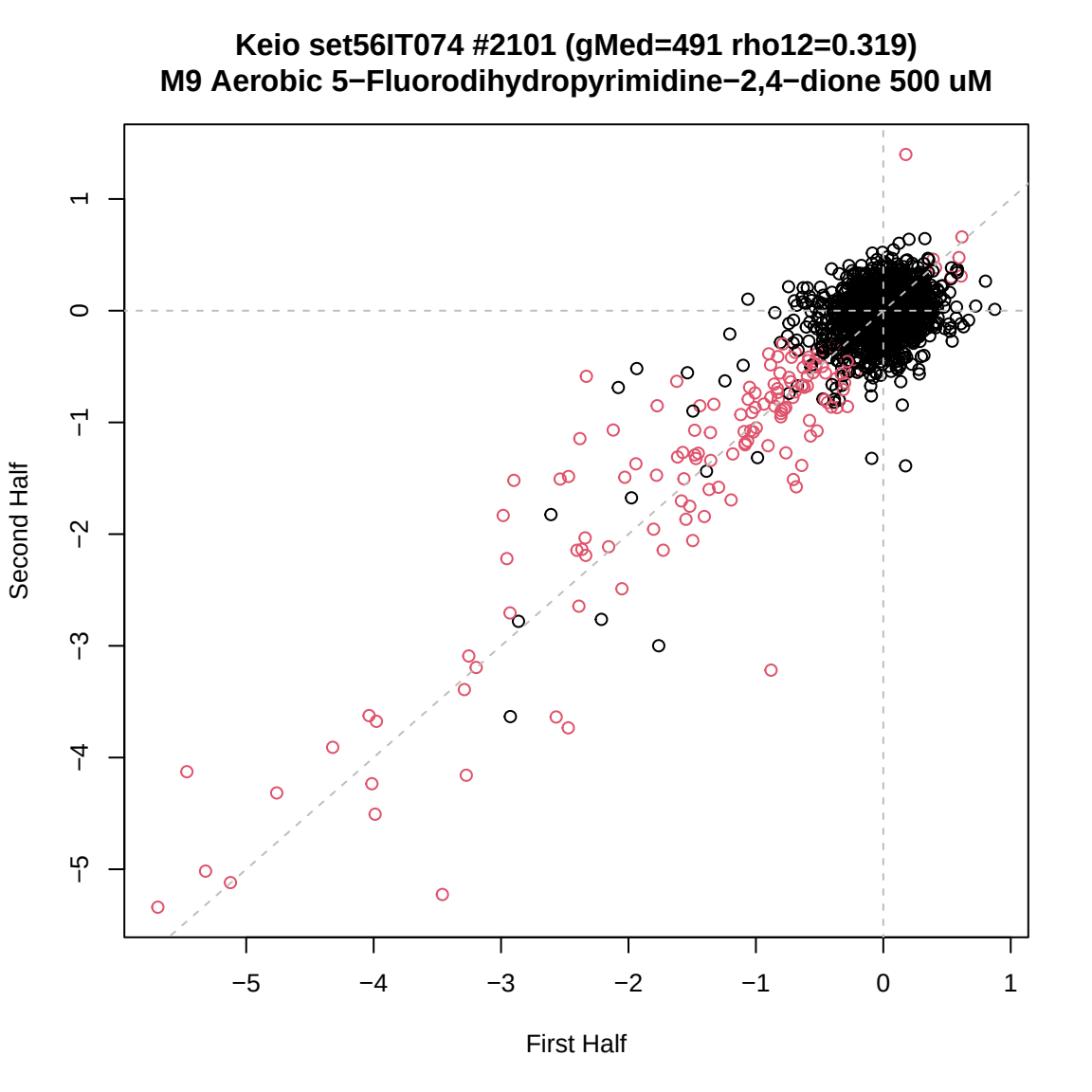

Keio set56IT069 #2096 (gMed=229 rho12=0.254)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
0
−2
−4
−6
−4
−3
−2
−1
0
1
2

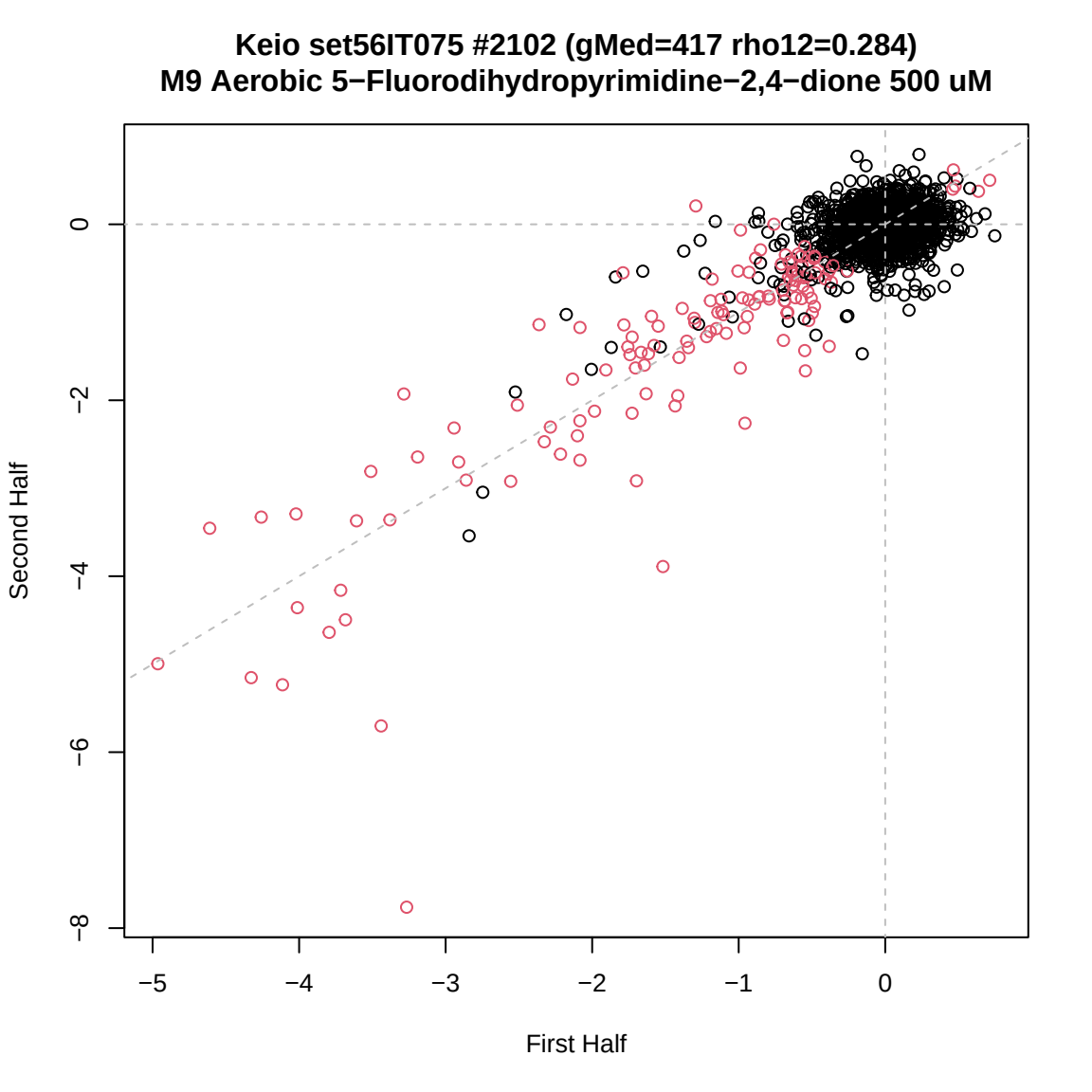

Keio set56IT070 #2097 (gMed=183 rho12=0.151)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

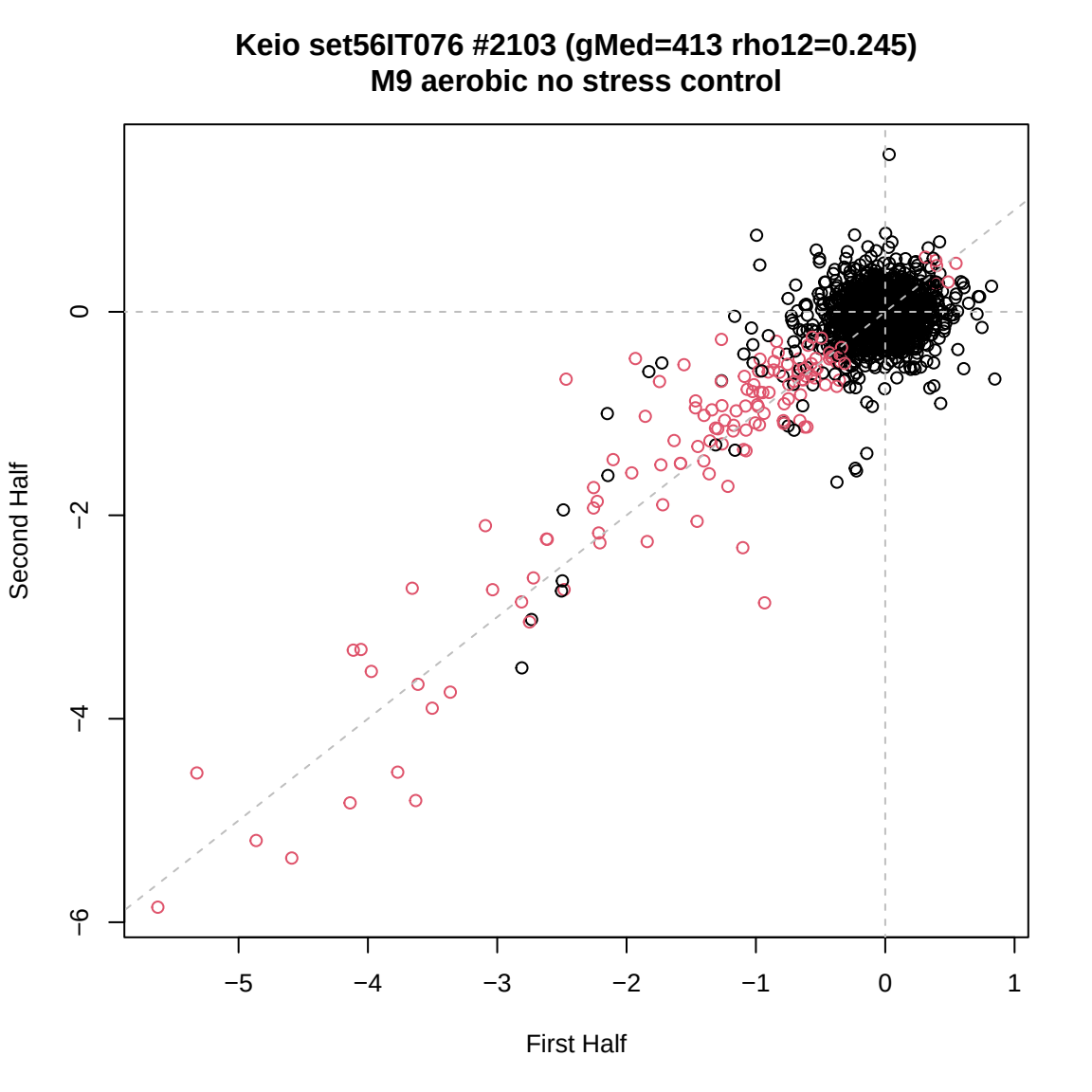

Keio set56IT071 #2098 (gMed=199 rho12=0.204)
M9 Aerobic 5'−Deoxy−5−fluorocytidine 500 uM
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

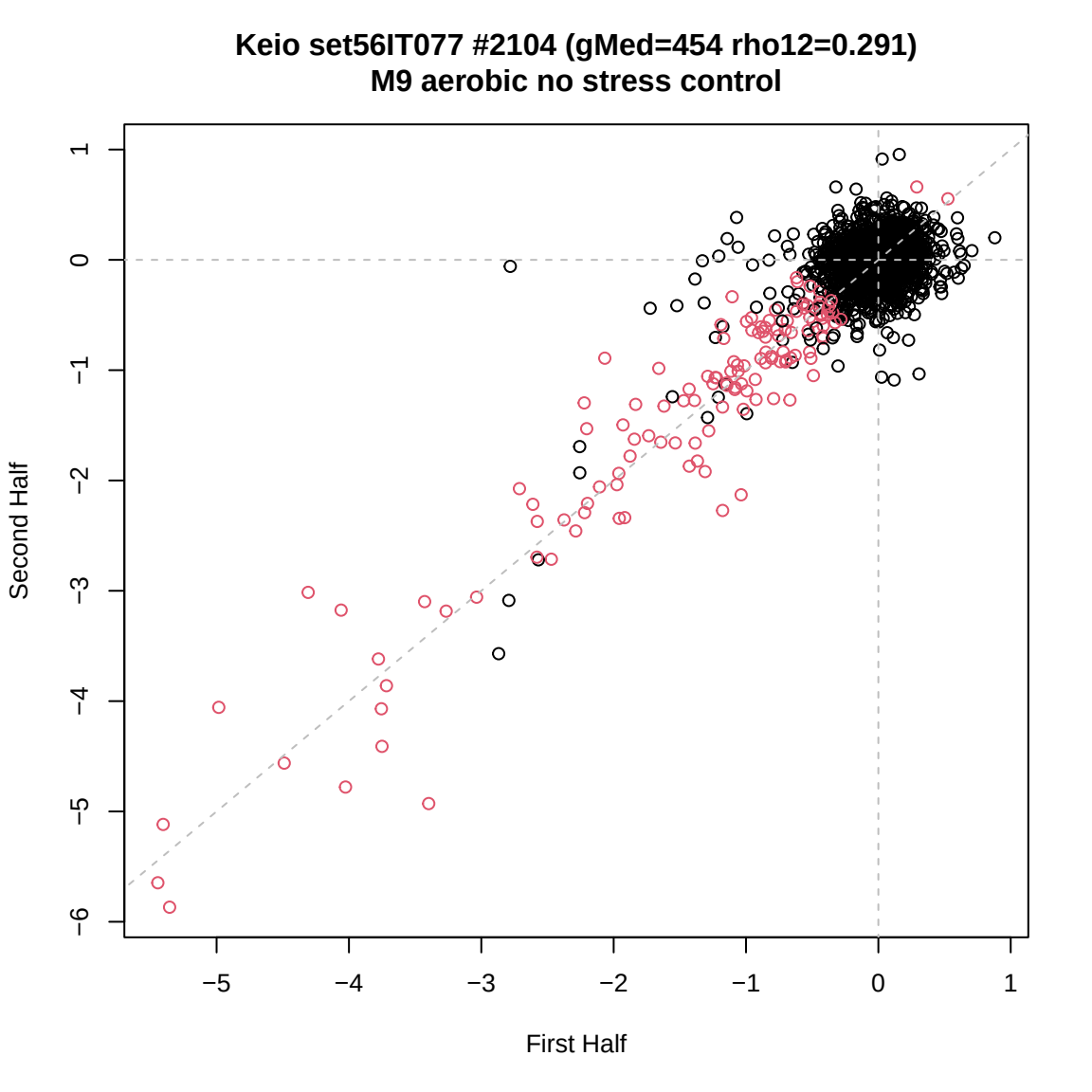

Keio set56IT072 #2099 (gMed=305 rho12=0.086)
M9 Aerobic 5−fluorouracil 500 uM
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

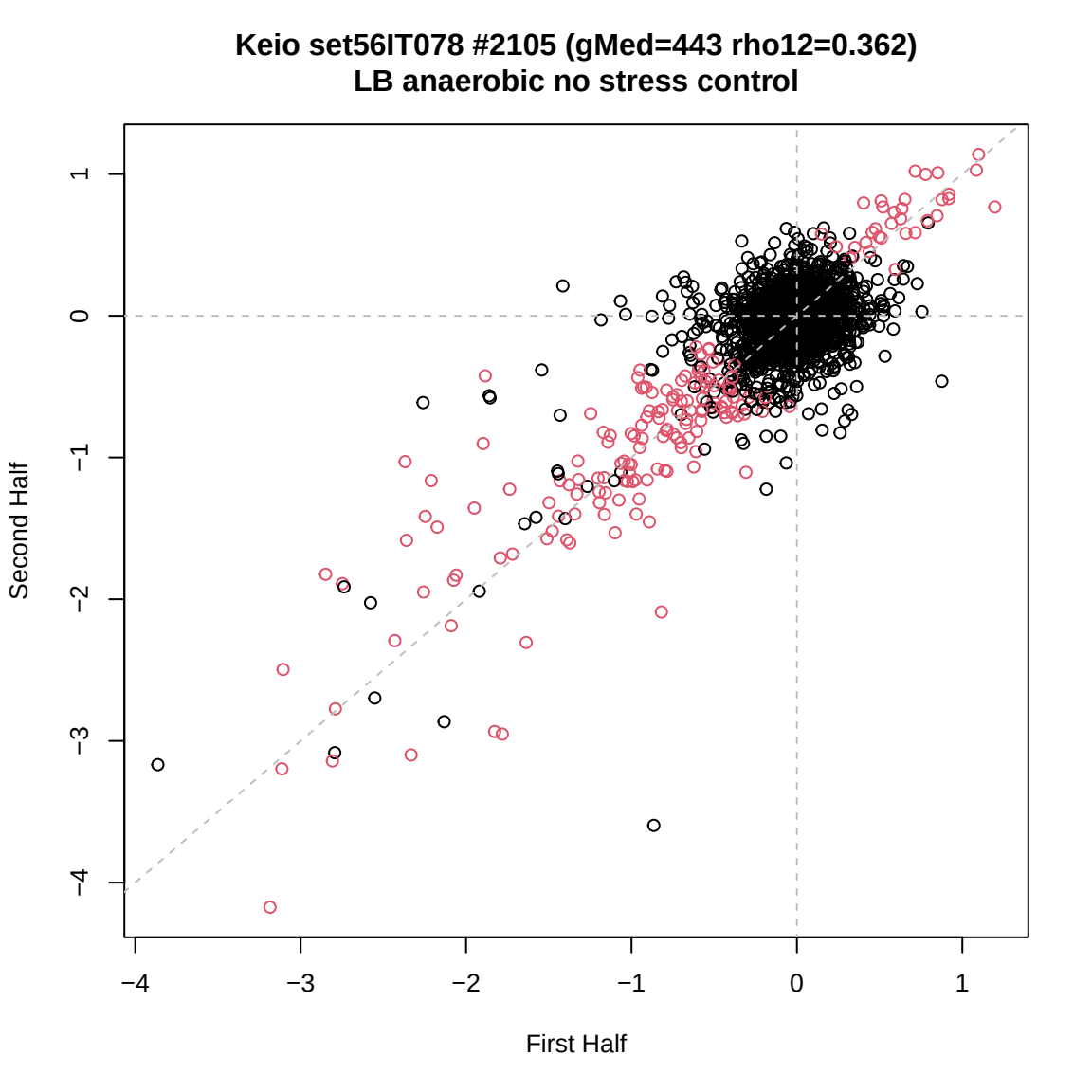

Keio set56IT073 #2100 (gMed=145 rho12=0.098)
M9 Aerobic 5−fluorouracil 500 uM
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2
4

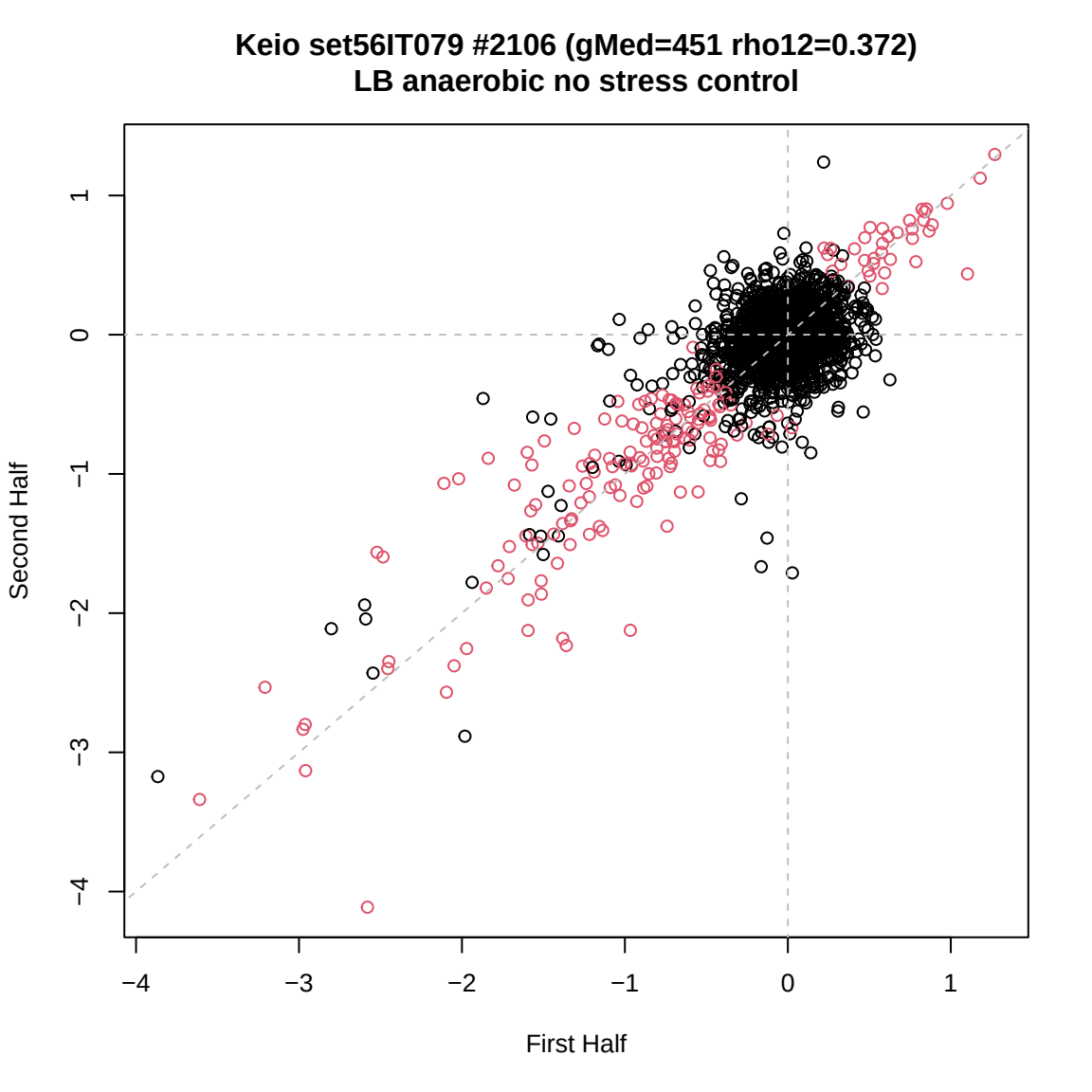

Keio set56IT074 #2101 (gMed=491 rho12=0.319)
M9 Aerobic 5−Fluorodihydropyrimidine−2,4−dione 500 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−5

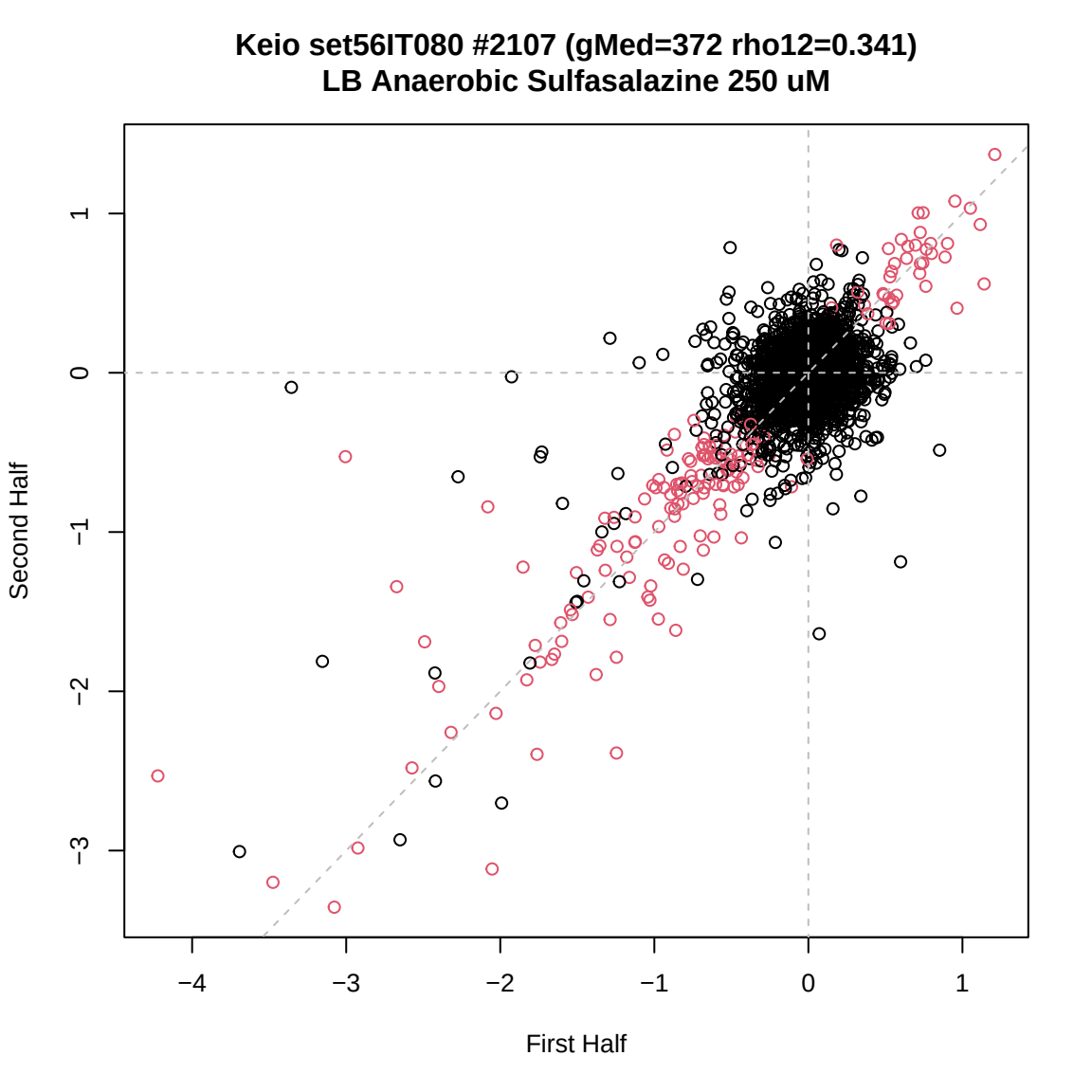

Keio set56IT075 #2102 (gMed=417 rho12=0.284)
M9 Aerobic 5−Fluorodihydropyrimidine−2,4−dione 500 uM
Second Half
First Half
0
−2
−4
−6
−8
−5
−4
−3
−2
−1
0

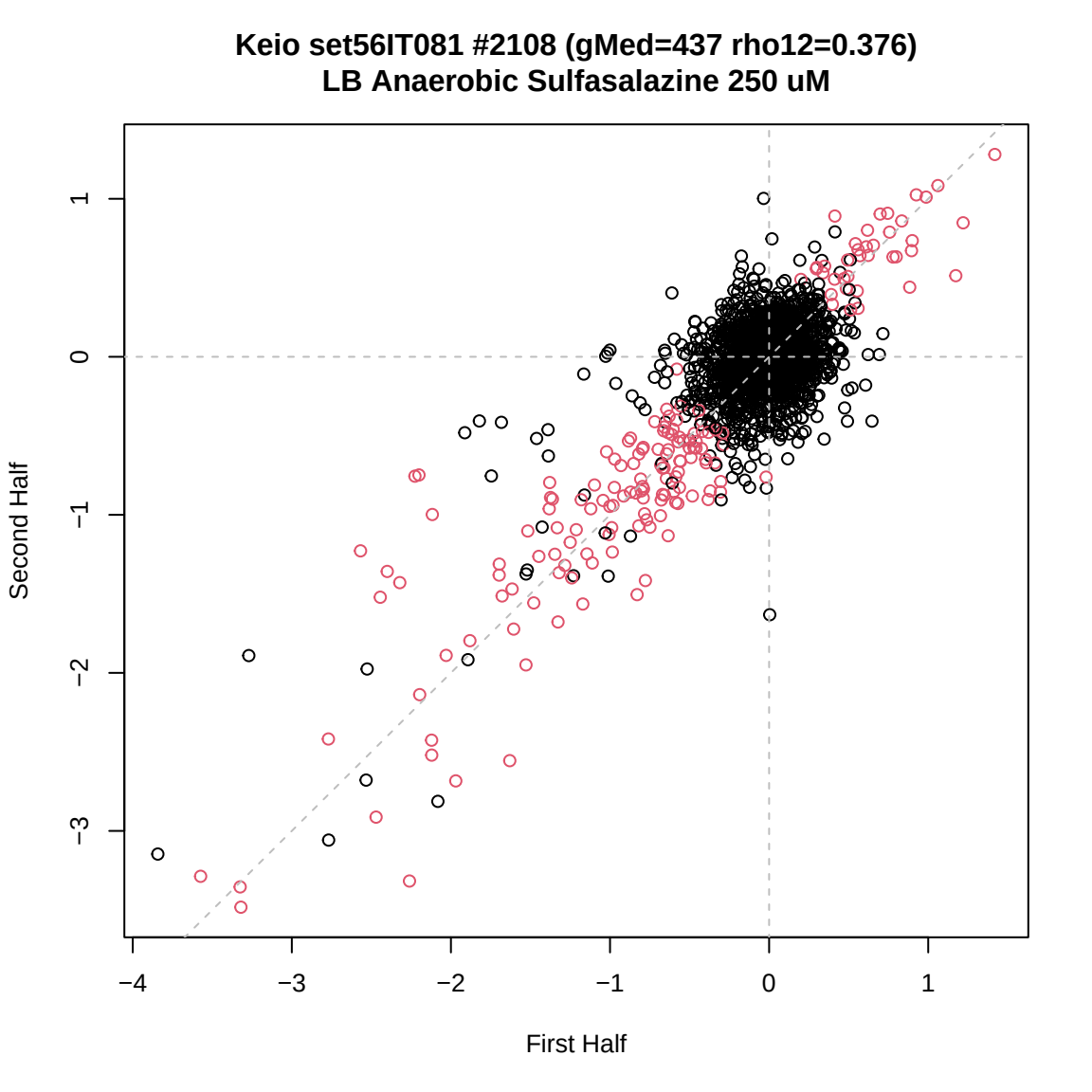

Keio set56IT076 #2103 (gMed=413 rho12=0.245)
M9 aerobic no stress control
Second Half
First Half
0
−2
−4
−6
−5
−4
−3
−2
−1
0
1

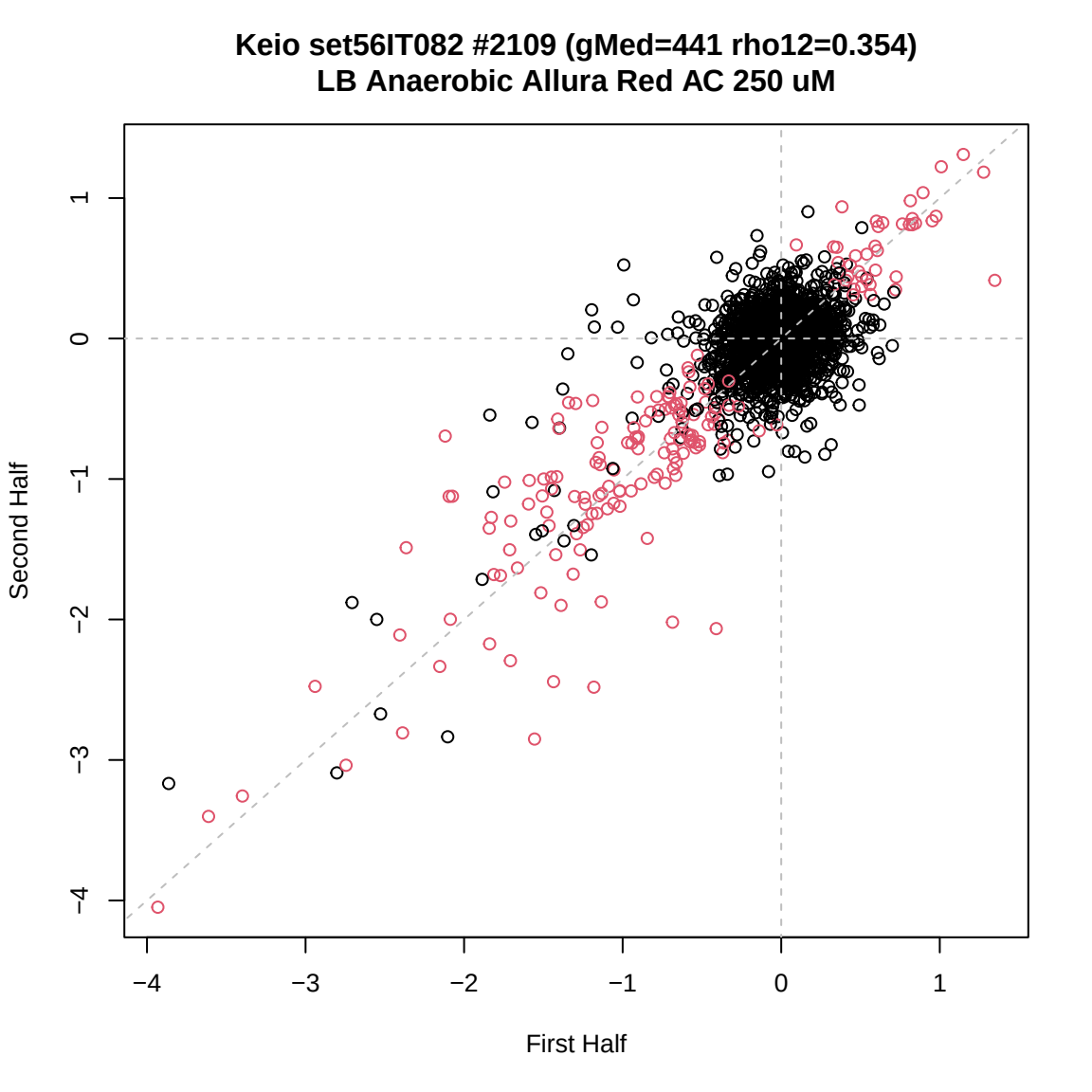

Keio set56IT077 #2104 (gMed=454 rho12=0.291)
M9 aerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−5
−4
−3
−2
−1
0
1

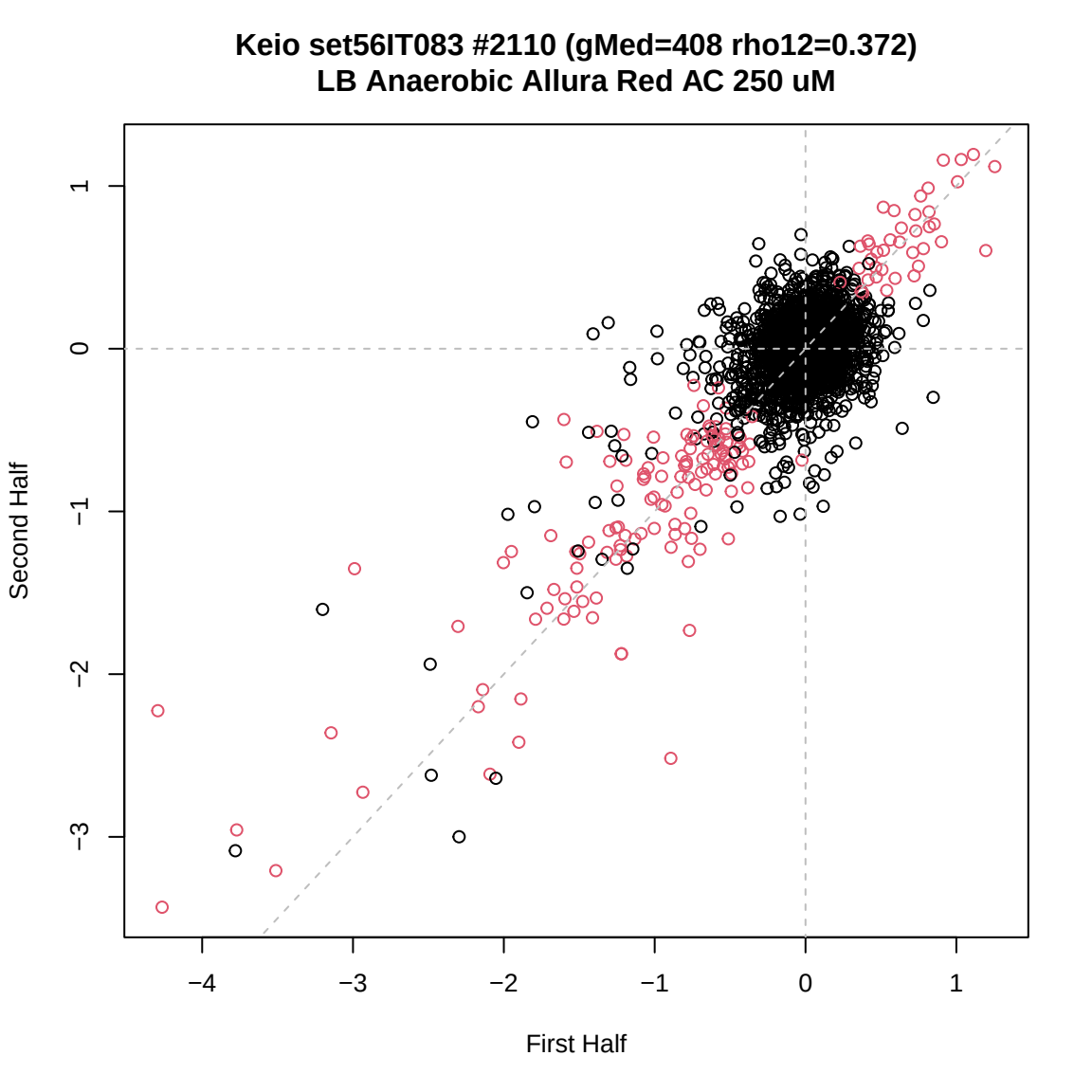

Keio set56IT078 #2105 (gMed=443 rho12=0.362)
LB anaerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

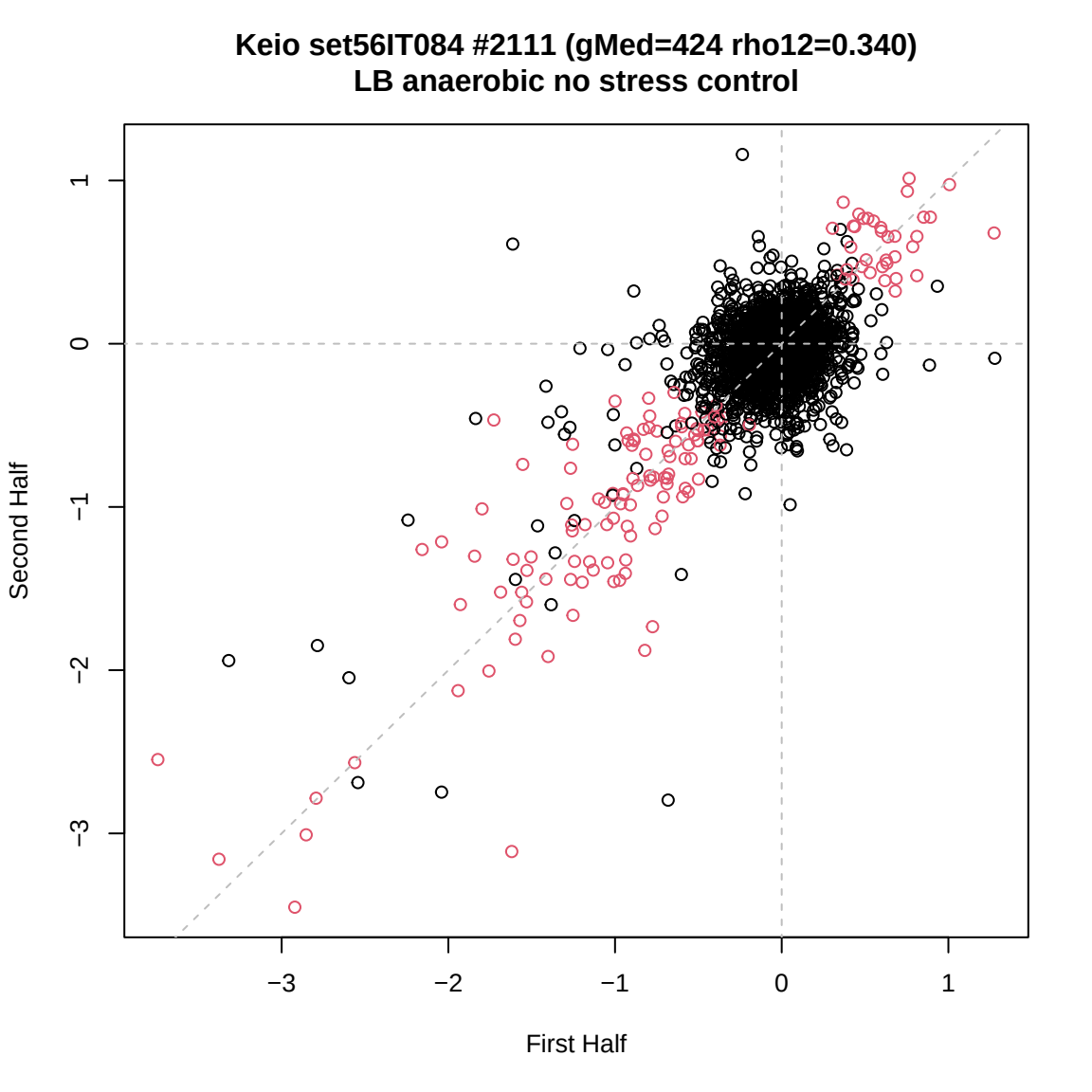

Keio set56IT079 #2106 (gMed=451 rho12=0.372)
LB anaerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

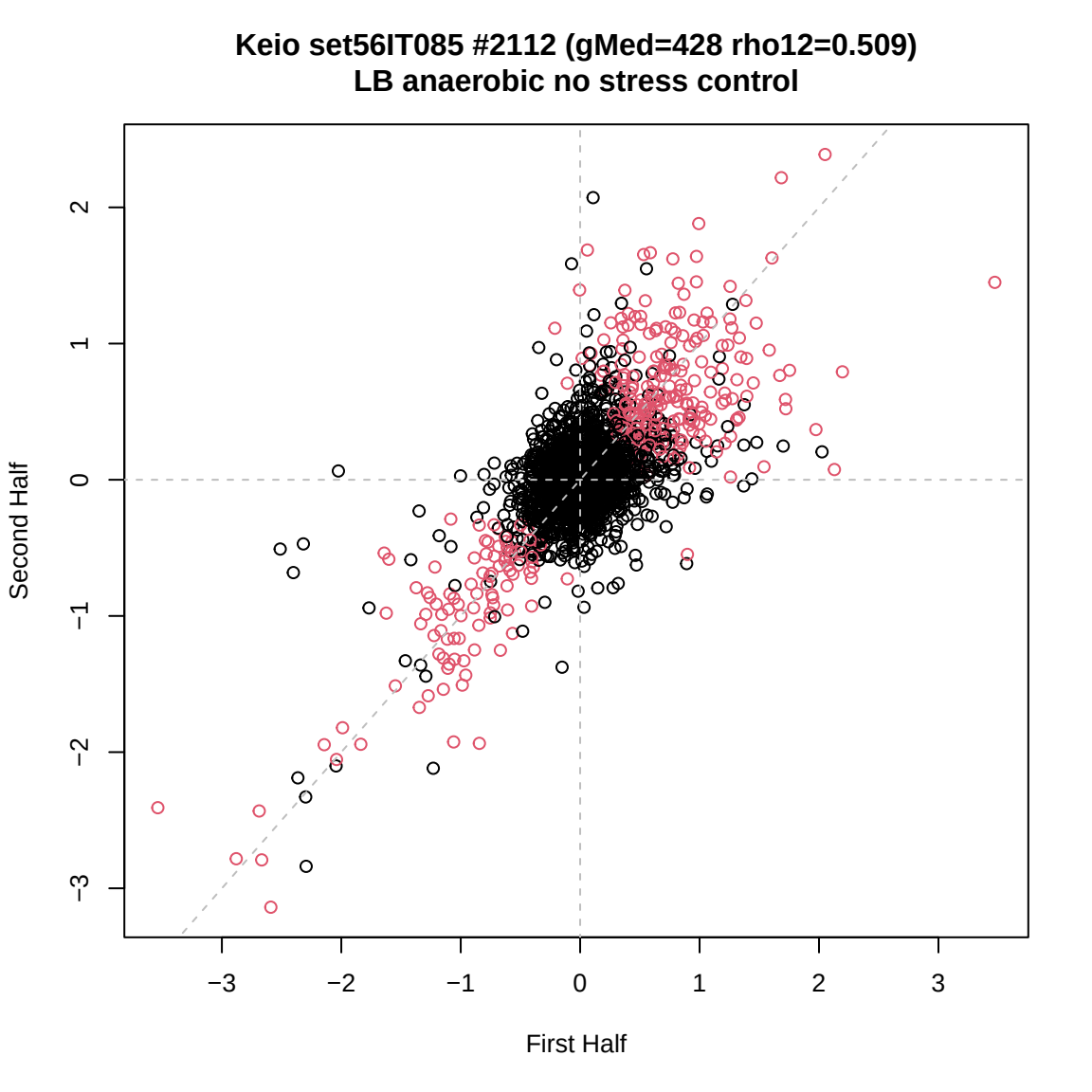

Keio set56IT080 #2107 (gMed=372 rho12=0.341)
LB Anaerobic Sulfasalazine 250 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

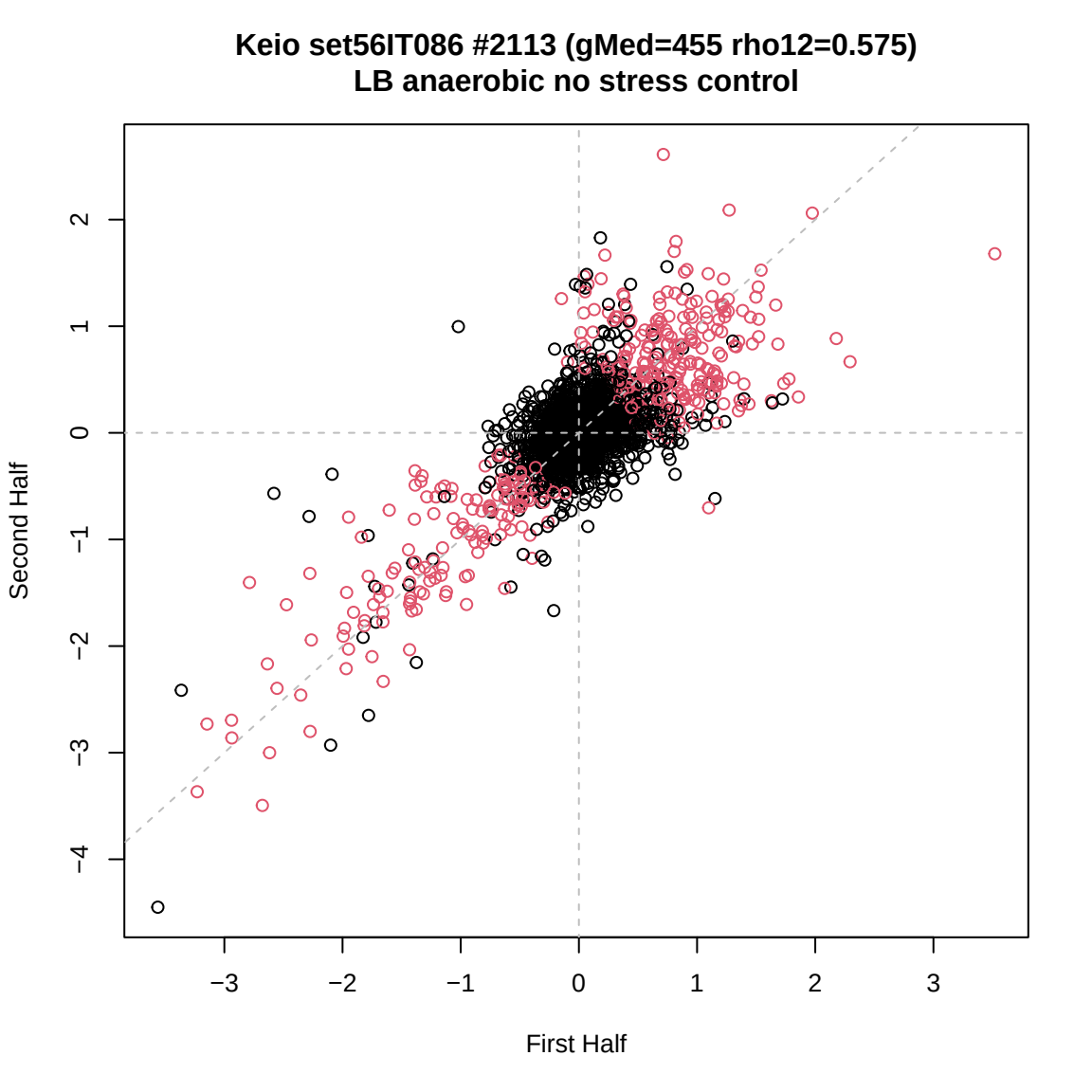

Keio set56IT081 #2108 (gMed=437 rho12=0.376)
LB Anaerobic Sulfasalazine 250 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

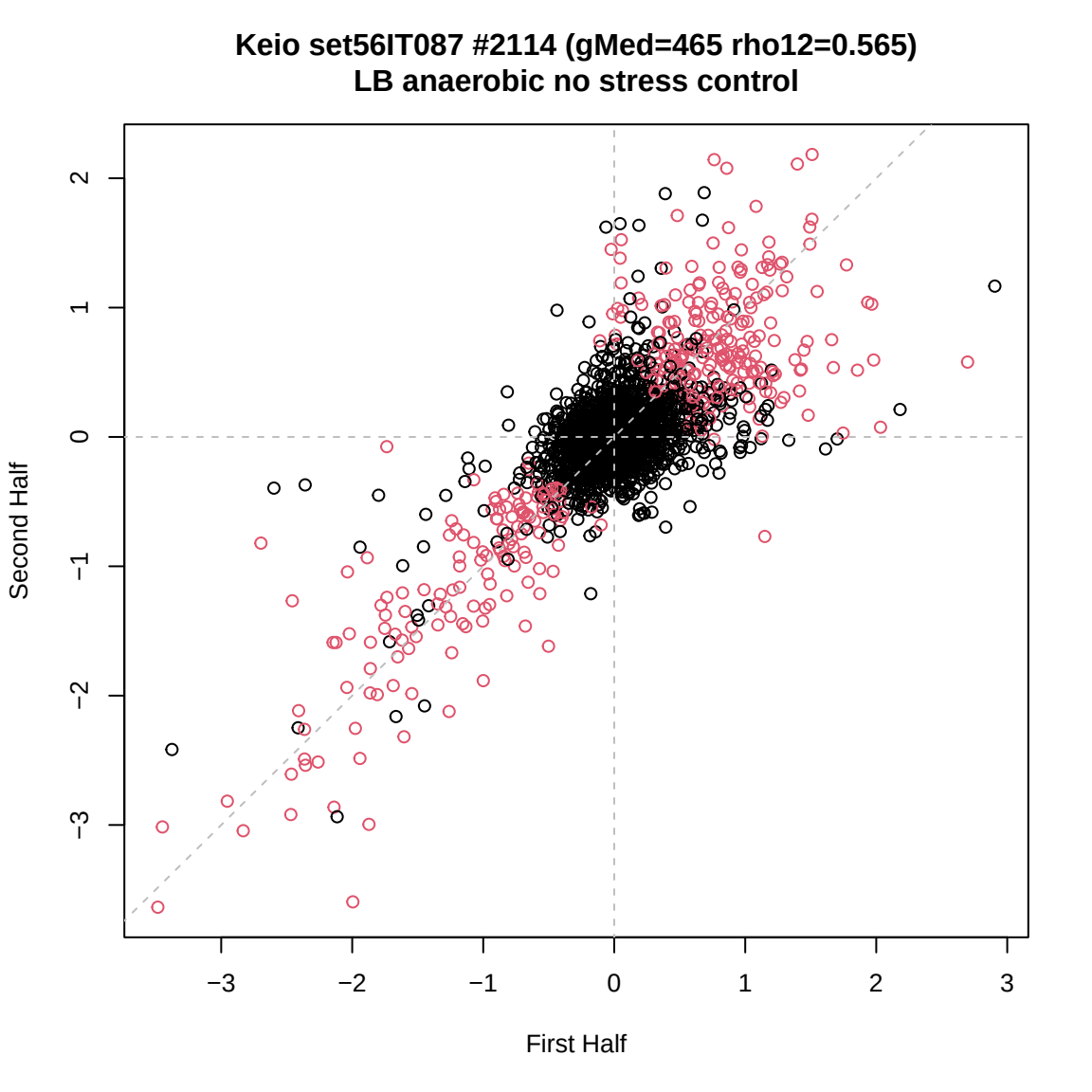

Keio set56IT082 #2109 (gMed=441 rho12=0.354)
LB Anaerobic Allura Red AC 250 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

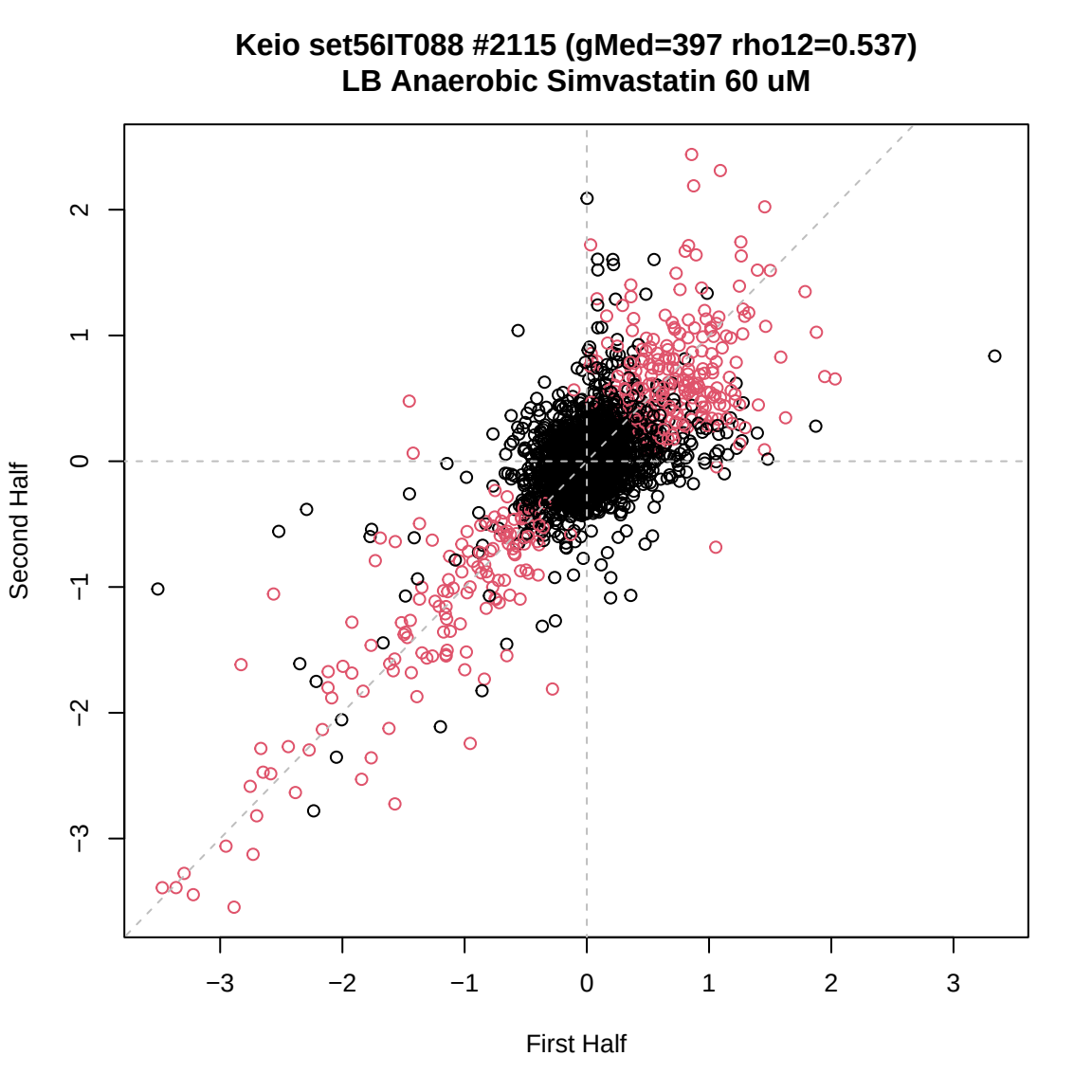

Keio set56IT083 #2110 (gMed=408 rho12=0.372)
LB Anaerobic Allura Red AC 250 uM
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

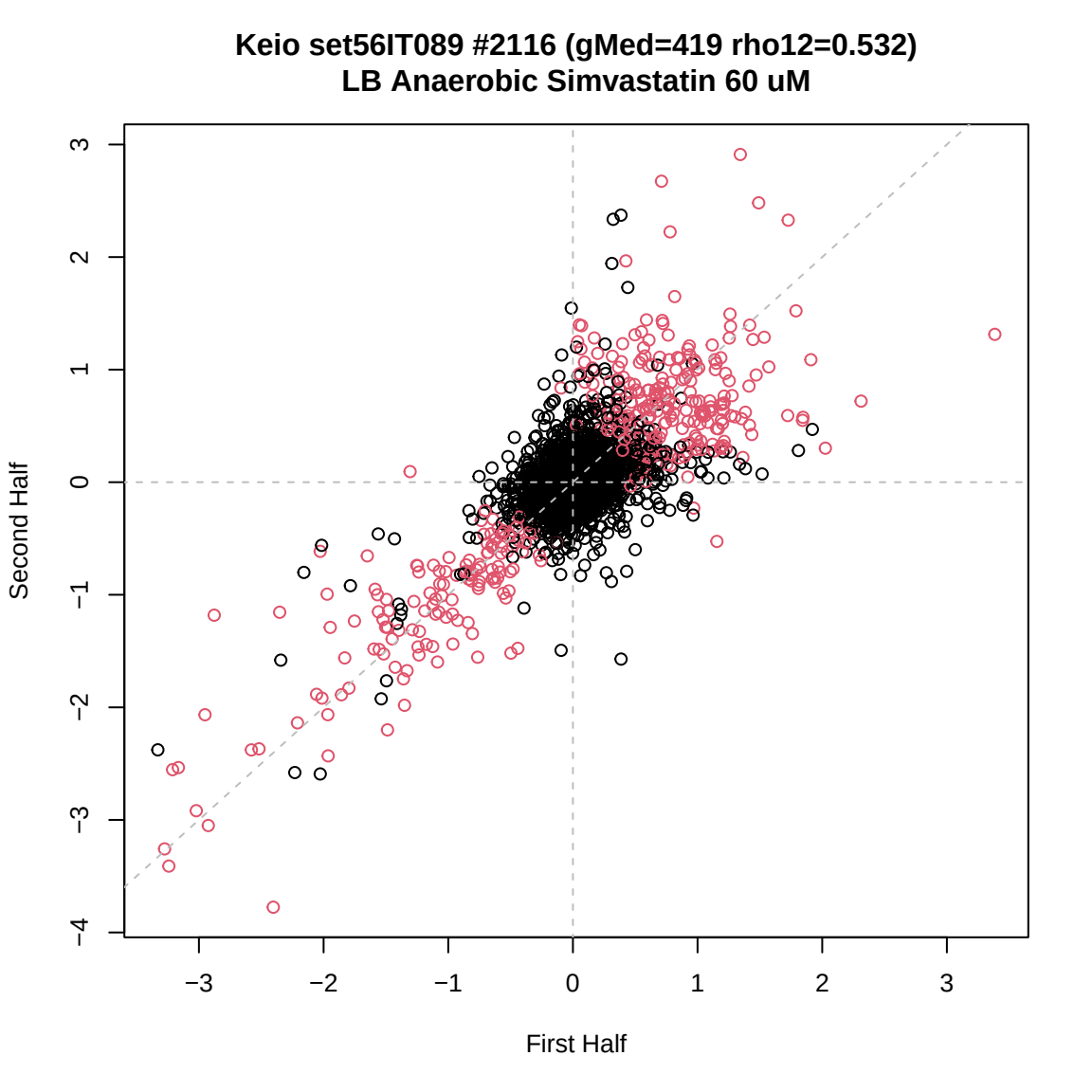

Keio set56IT084 #2111 (gMed=424 rho12=0.340)
LB anaerobic no stress control
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

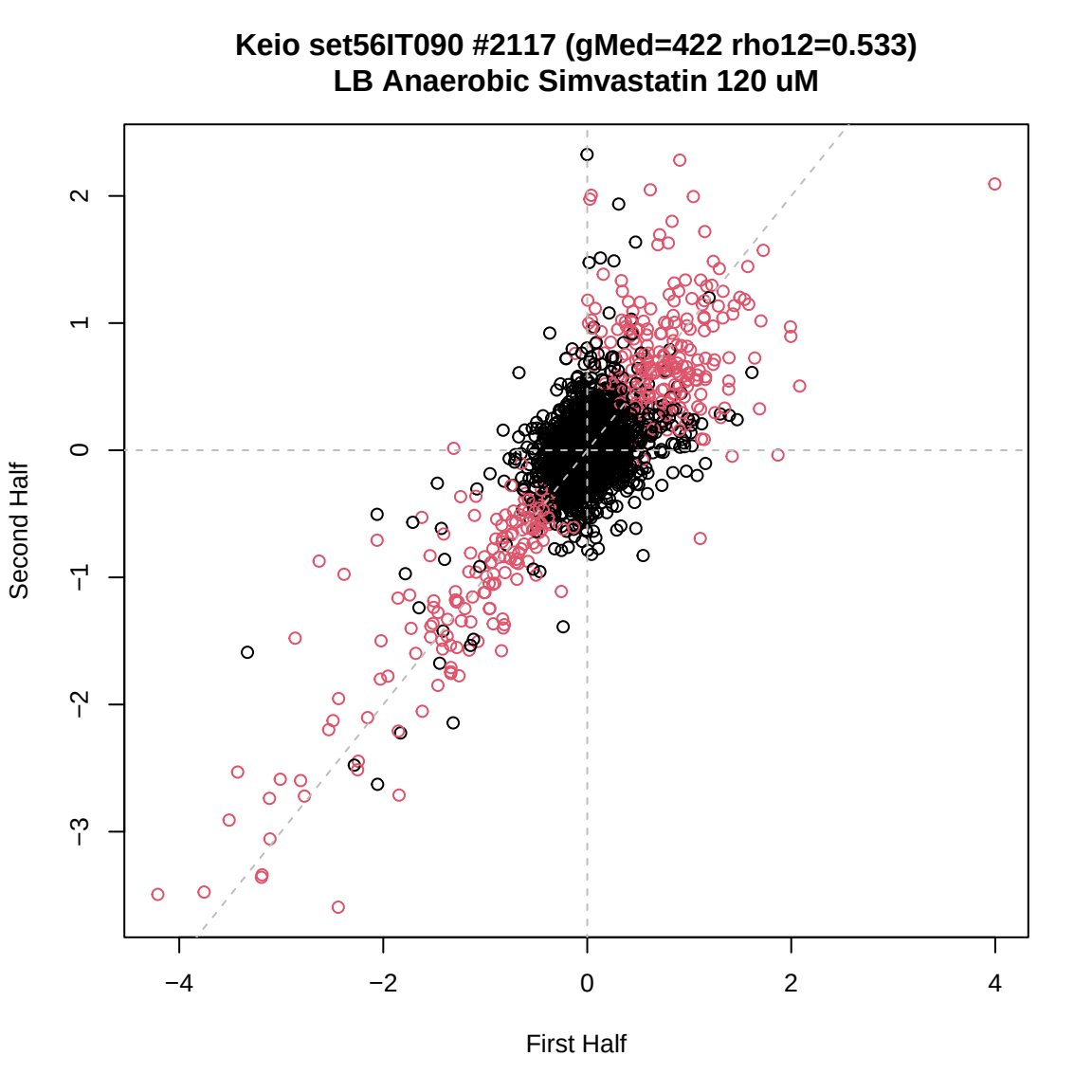

Keio set56IT085 #2112 (gMed=428 rho12=0.509)
LB anaerobic no stress control
Second Half
First Half
−3
−2
−1
0
1
2
3

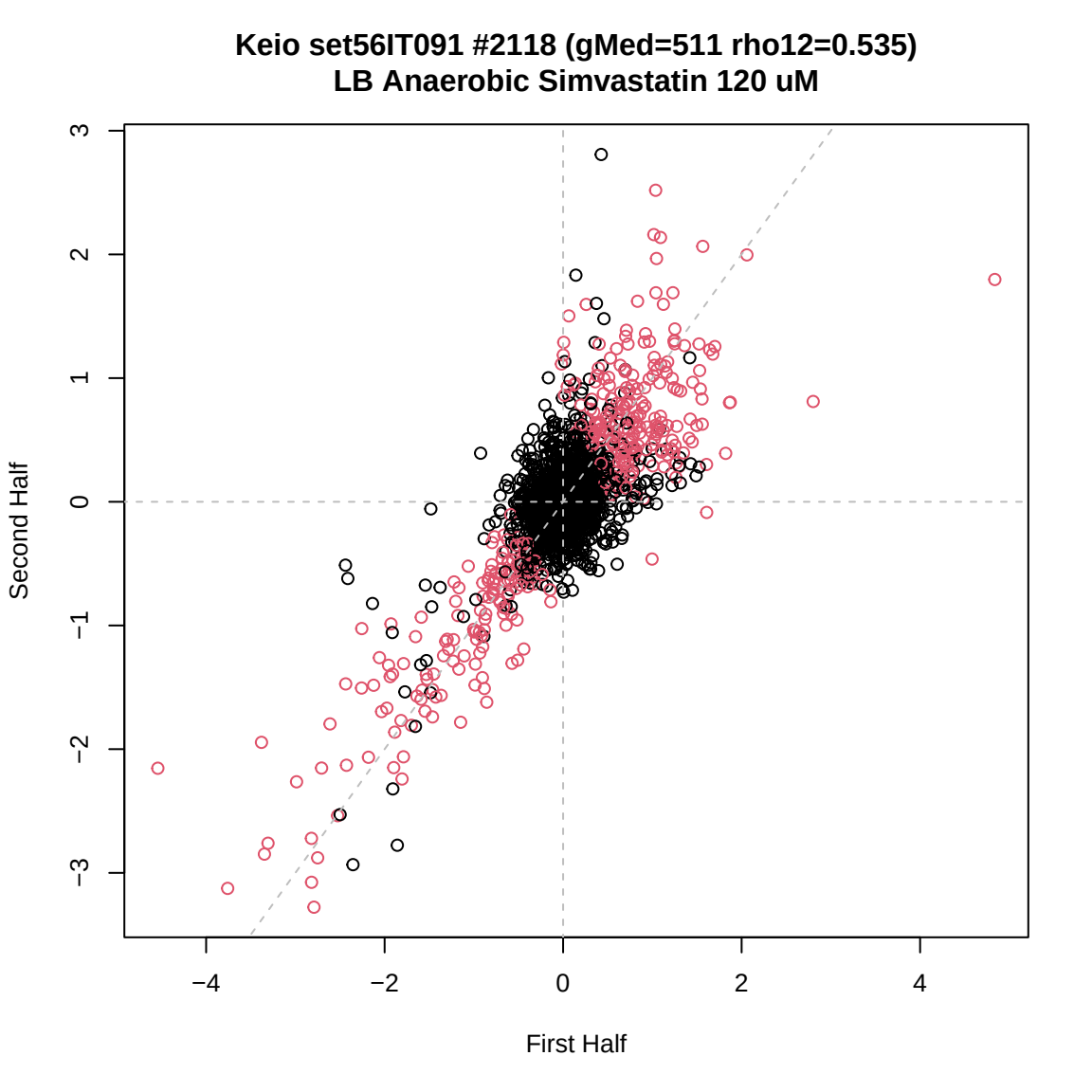

Keio set56IT086 #2113 (gMed=455 rho12=0.575)
LB anaerobic no stress control
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3

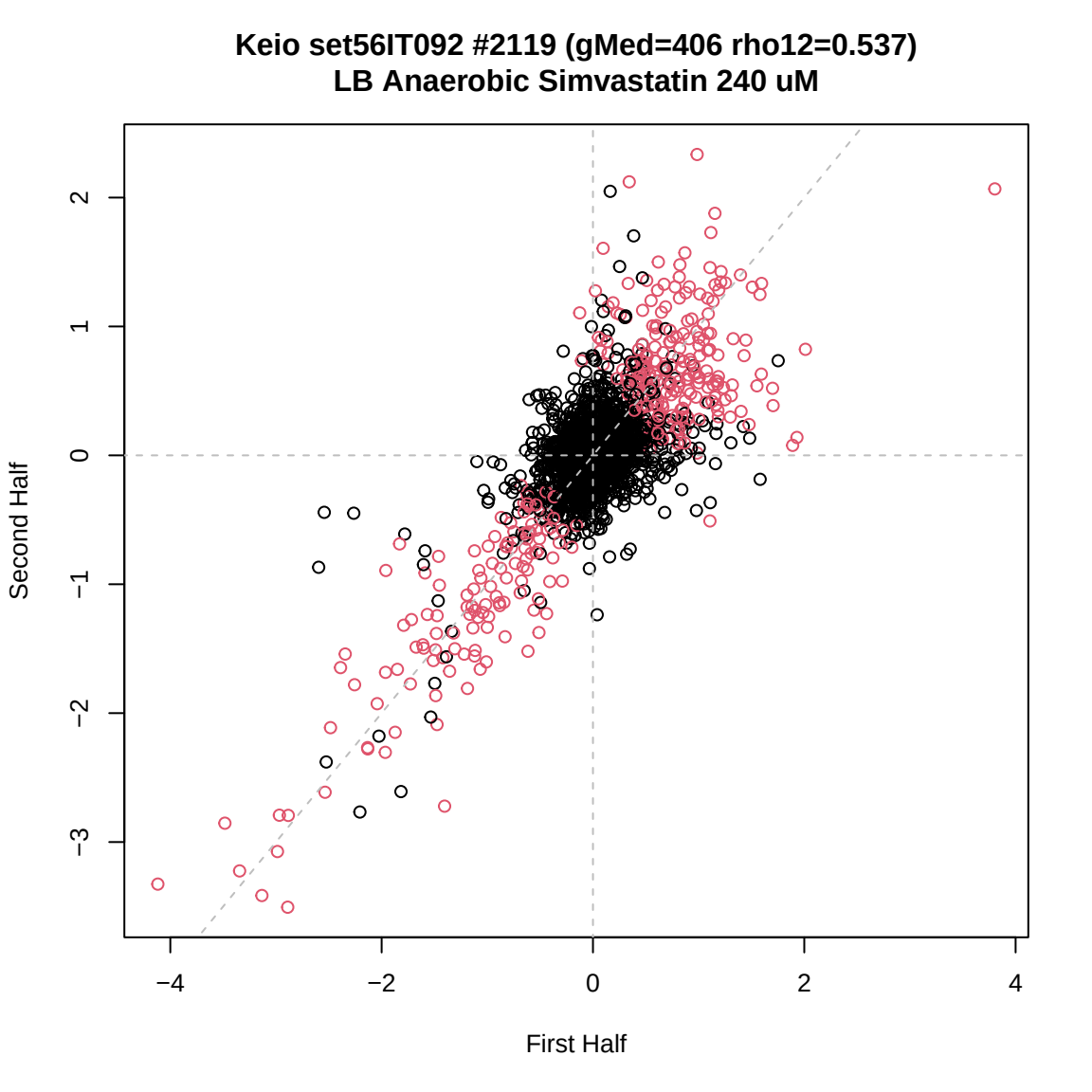

Keio set56IT087 #2114 (gMed=465 rho12=0.565)
LB anaerobic no stress control
Second Half
First Half
−3
−2
−1
0
1
2
3

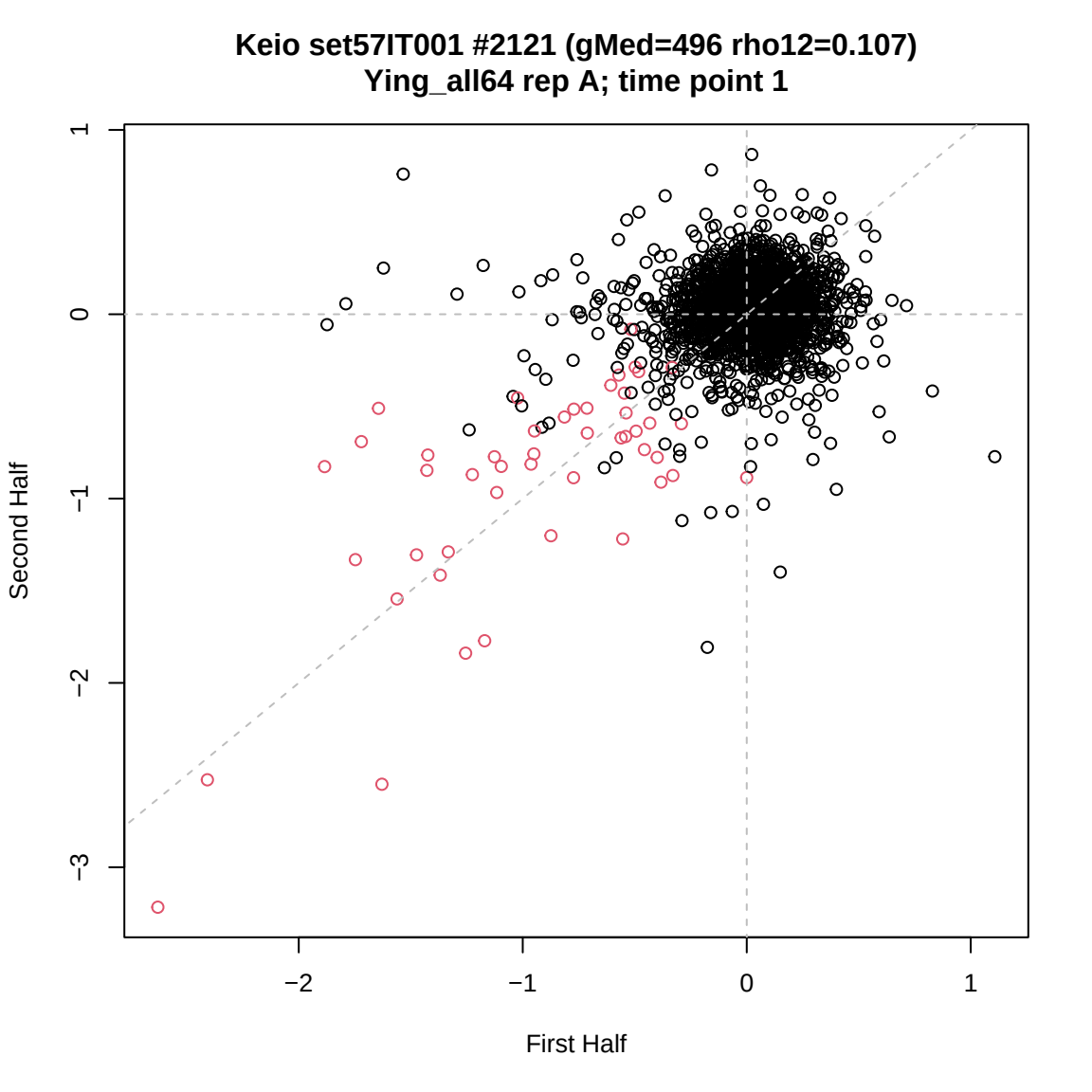

Keio set56IT088 #2115 (gMed=397 rho12=0.537)
LB Anaerobic Simvastatin 60 uM
Second Half
First Half
−3
−2
−1
0
1
2
3

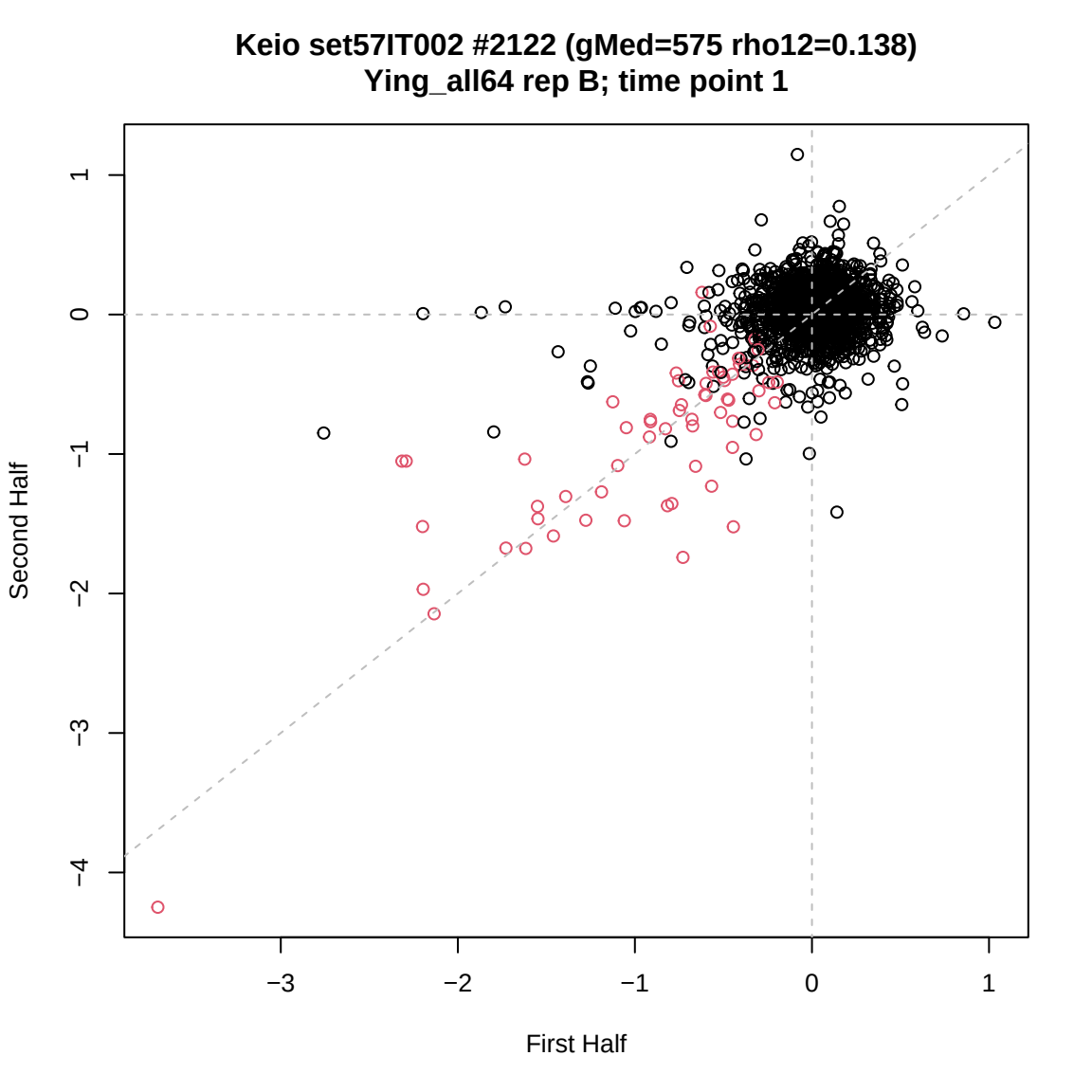

Keio set56IT089 #2116 (gMed=419 rho12=0.532)
LB Anaerobic Simvastatin 60 uM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3

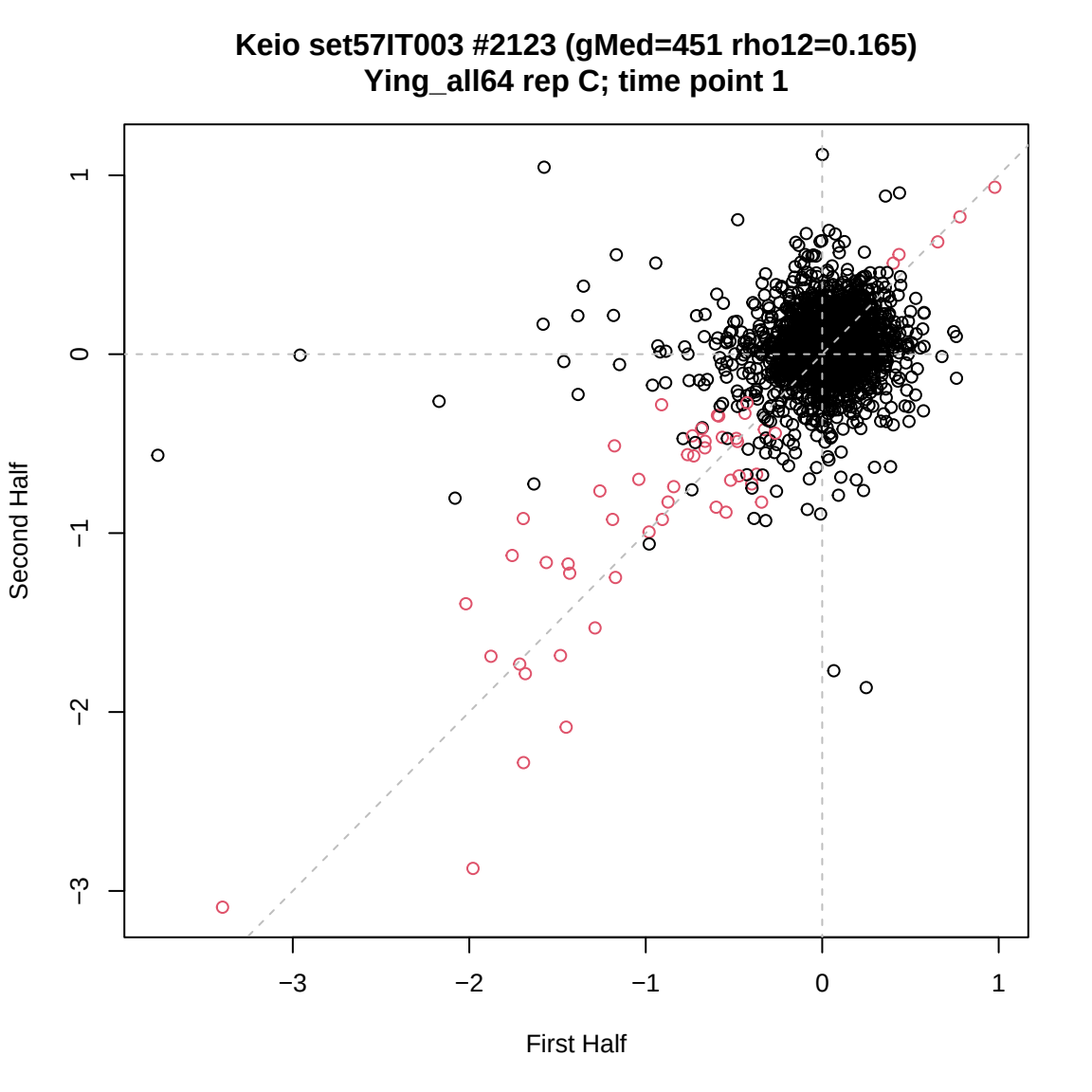

Keio set56IT090 #2117 (gMed=422 rho12=0.533)
LB Anaerobic Simvastatin 120 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−2
0
2
4

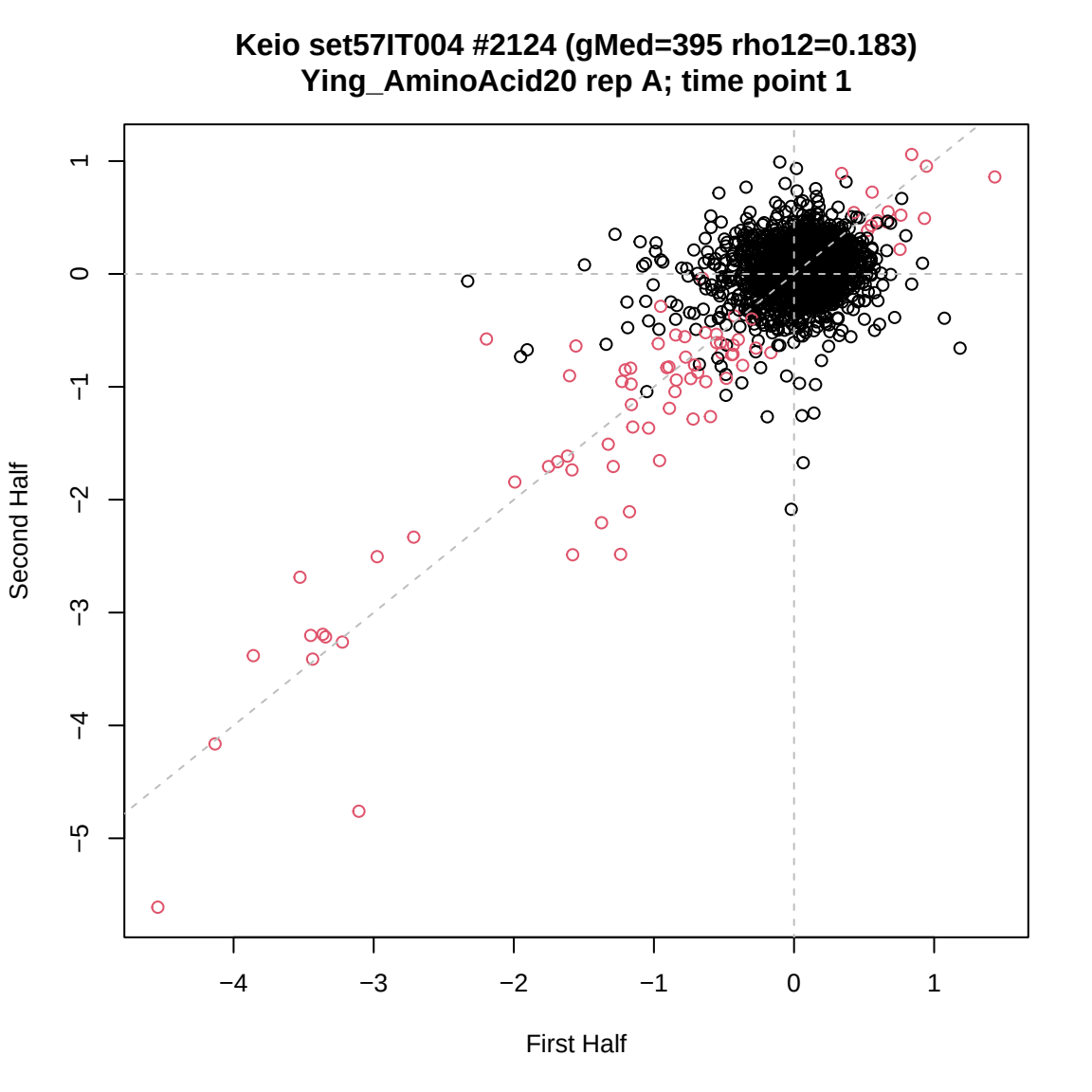

Keio set56IT091 #2118 (gMed=511 rho12=0.535)
LB Anaerobic Simvastatin 120 uM
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−2
0
2
4


Keio set56IT092 #2119 (gMed=406 rho12=0.537)
LB Anaerobic Simvastatin 240 uM
Second Half
First Half
2
1
0
−1
−2
−3
−4
−2
0
2
4


Keio set57IT001 #2121 (gMed=496 rho12=0.107)
Ying_all64 rep A; time point 1
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

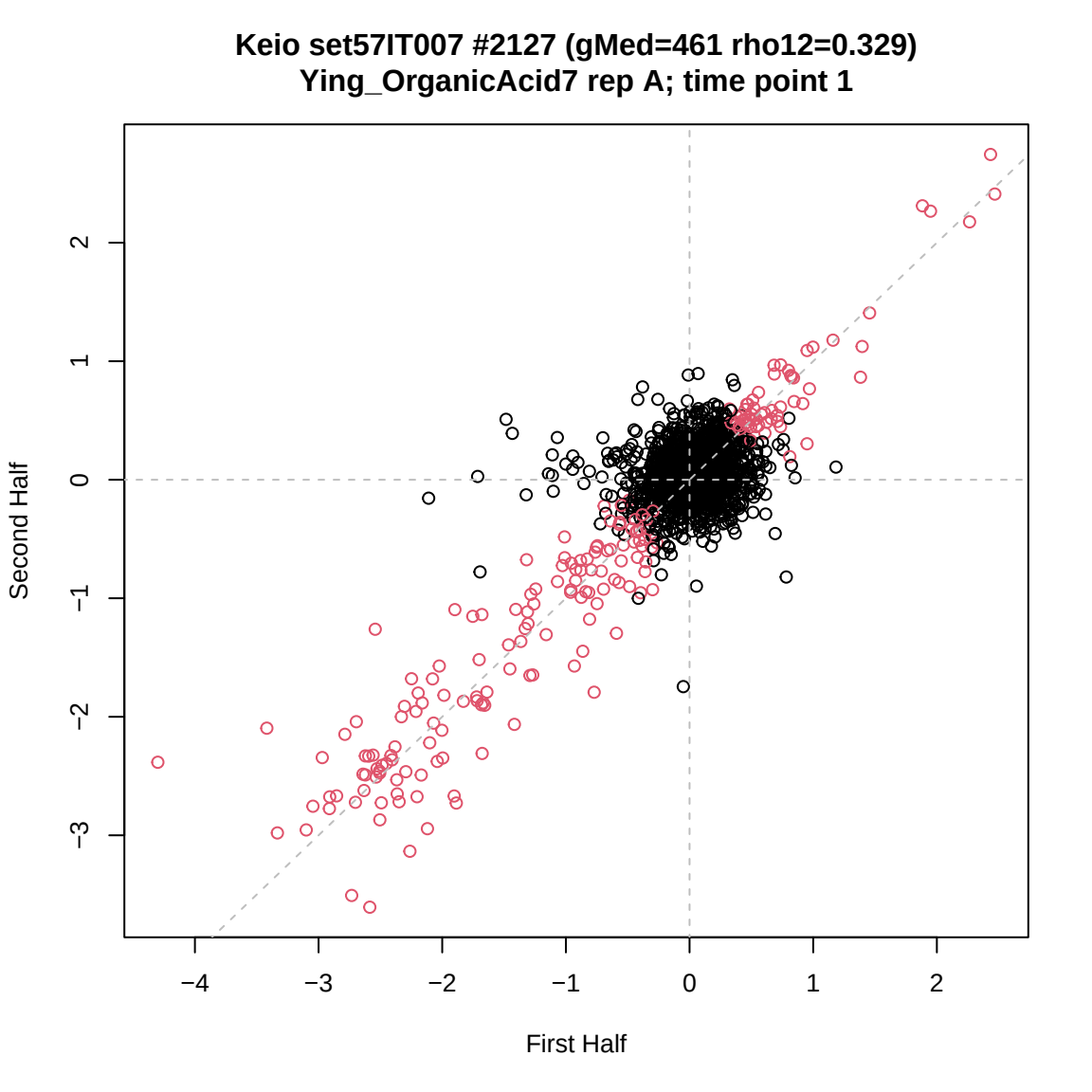

Keio set57IT002 #2122 (gMed=575 rho12=0.138)
Ying_all64 rep B; time point 1
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

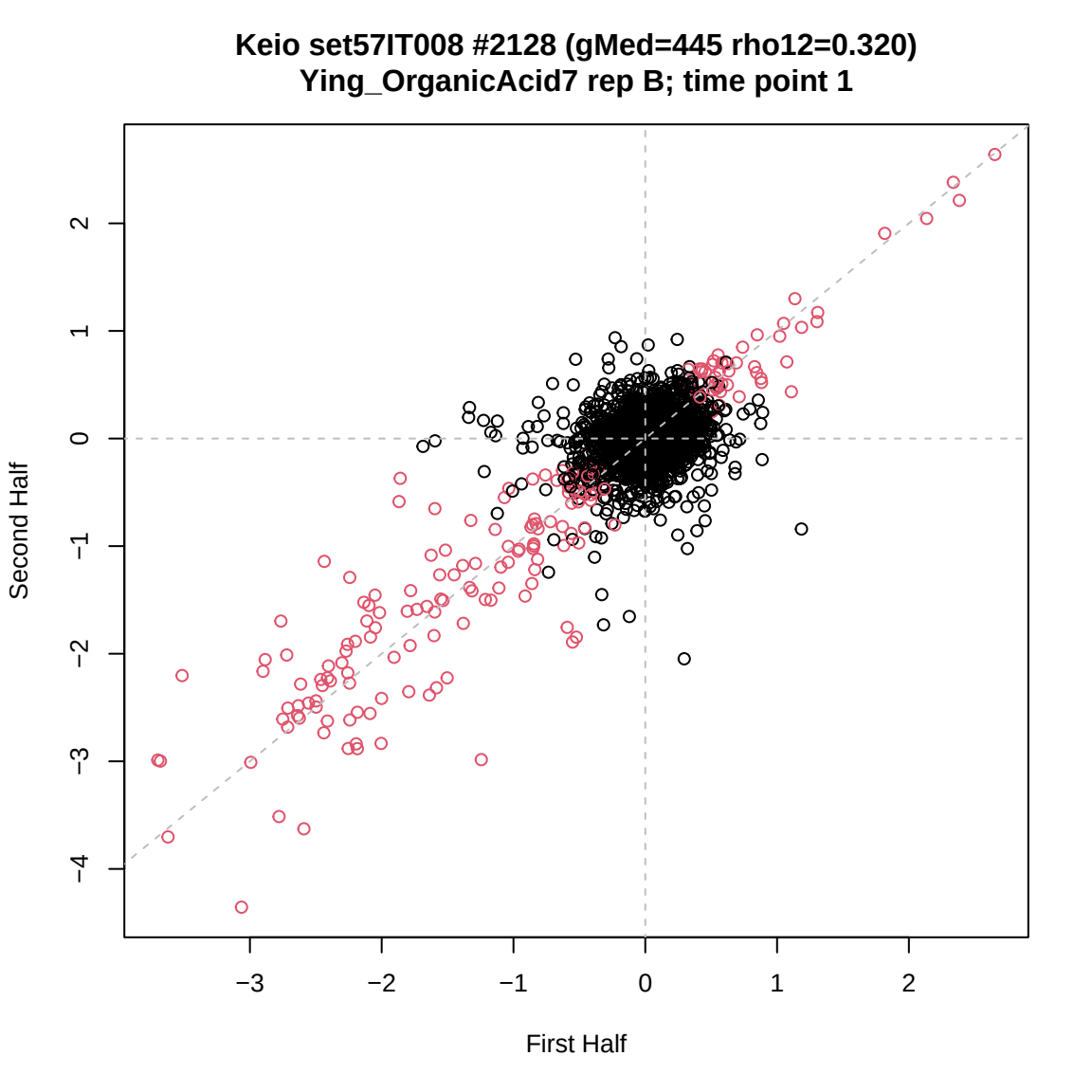

Keio set57IT003 #2123 (gMed=451 rho12=0.165)
Ying_all64 rep C; time point 1
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

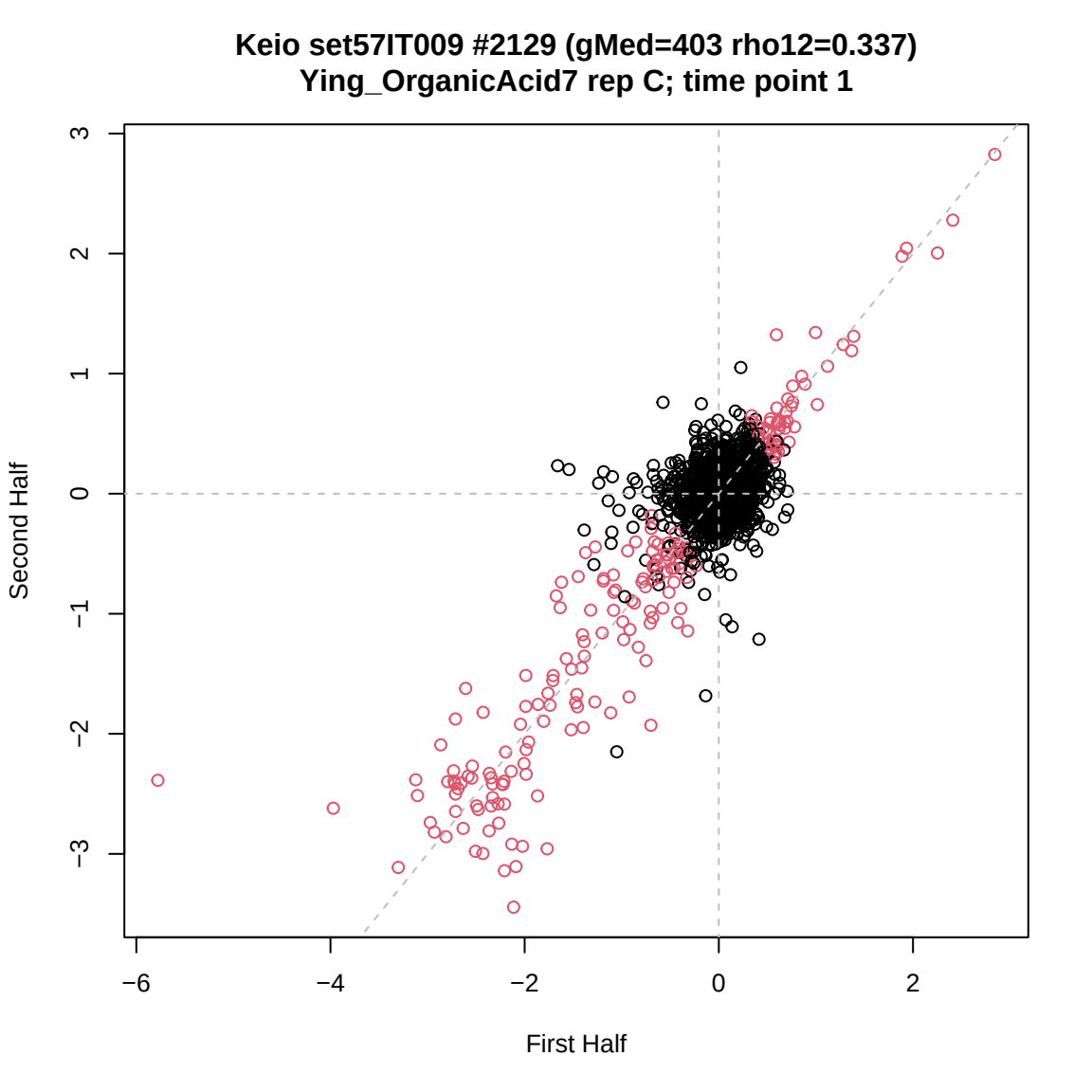

Keio set57IT004 #2124 (gMed=395 rho12=0.183)
Ying_AminoAcid20 rep A; time point 1
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

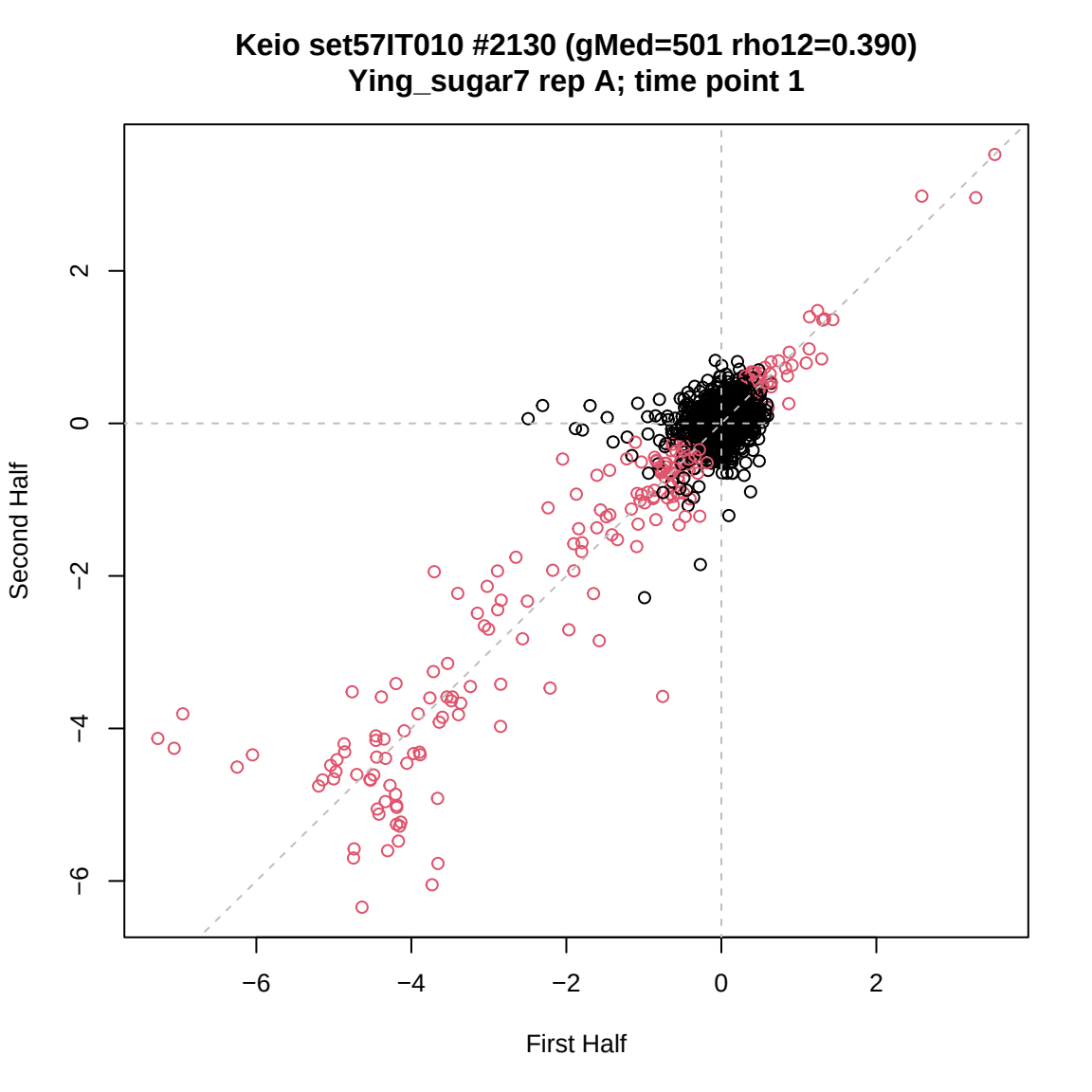

Keio set57IT005 #2125 (gMed=439 rho12=0.143)
Ying_AminoAcid20 rep B; time point 1
Second Half
First Half
0
−2
−4
−6
−4
−3
−2
−1
0
1

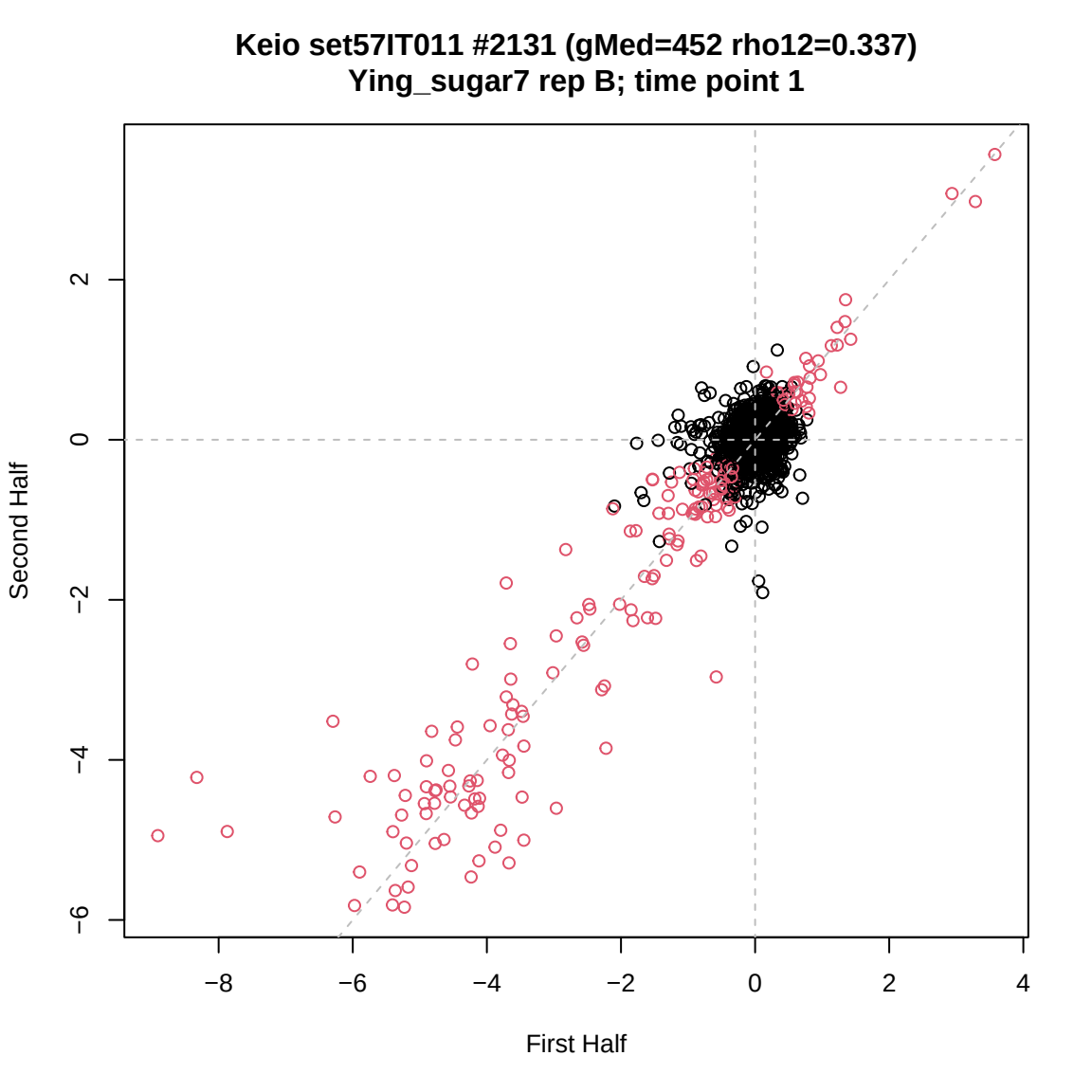

Keio set57IT006 #2126 (gMed=492 rho12=0.178)
Ying_AminoAcid20 rep C; time point 1
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

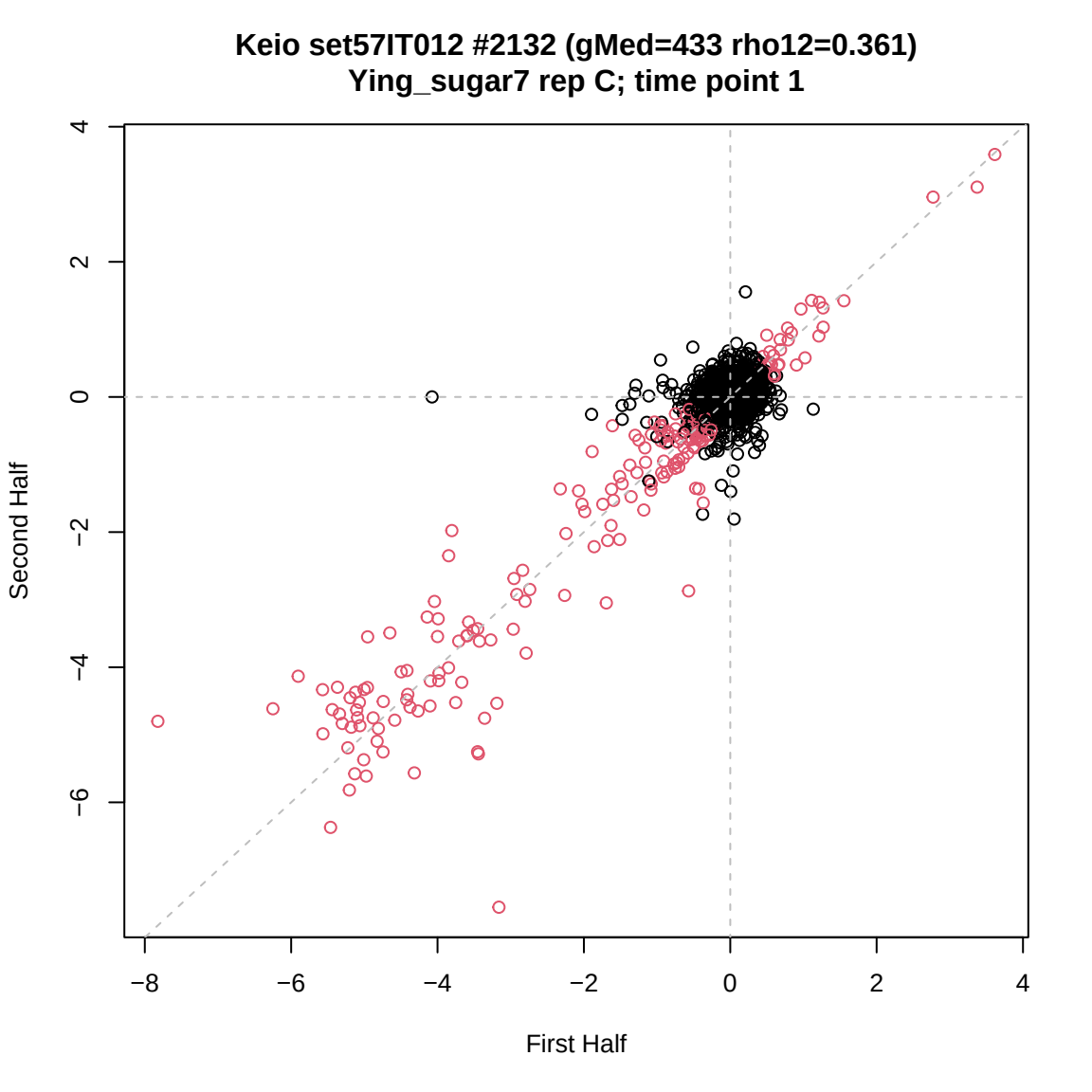

Keio set57IT007 #2127 (gMed=461 rho12=0.329)
Ying_OrganicAcid7 rep A; time point 1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

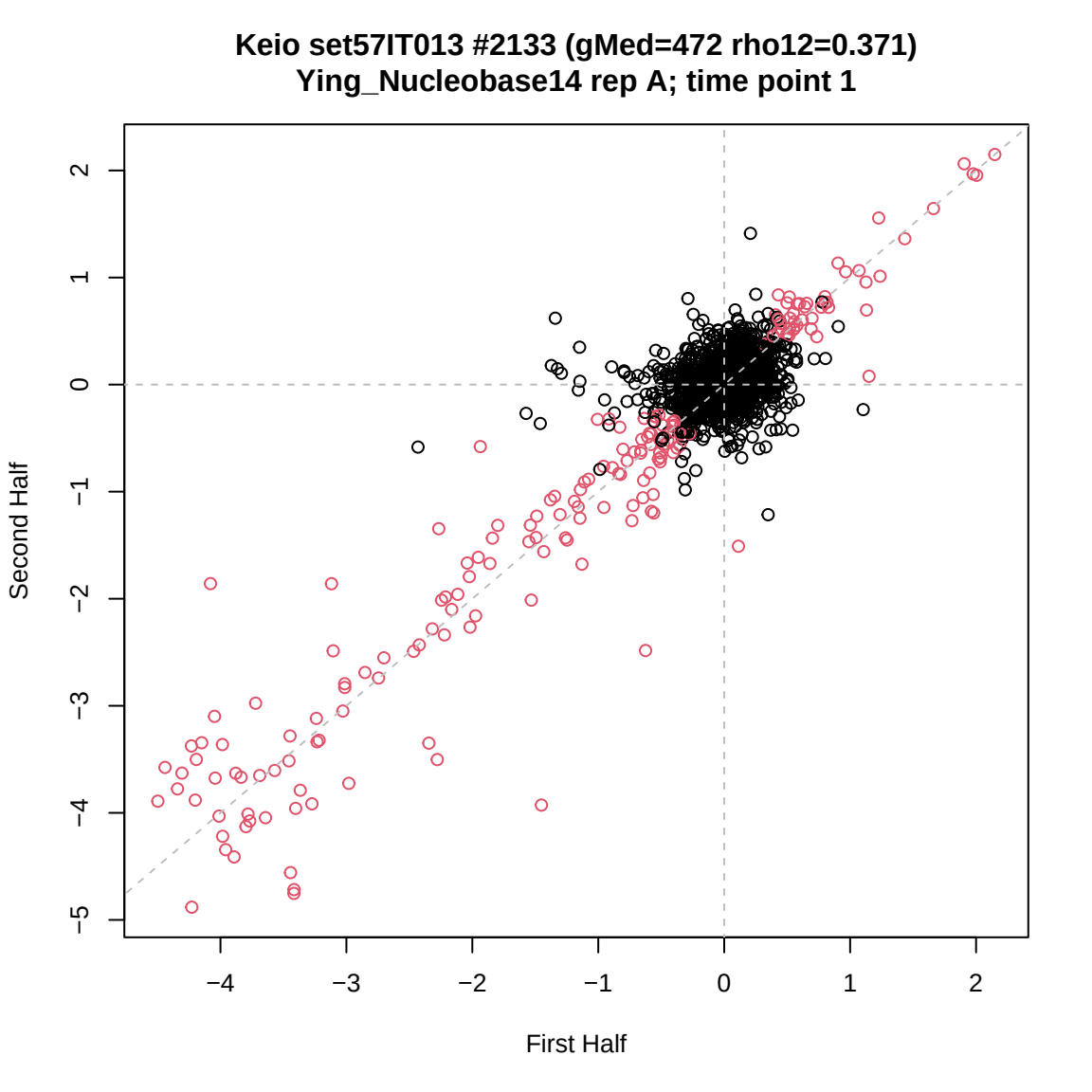

Keio set57IT008 #2128 (gMed=445 rho12=0.320)
Ying_OrganicAcid7 rep B; time point 1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

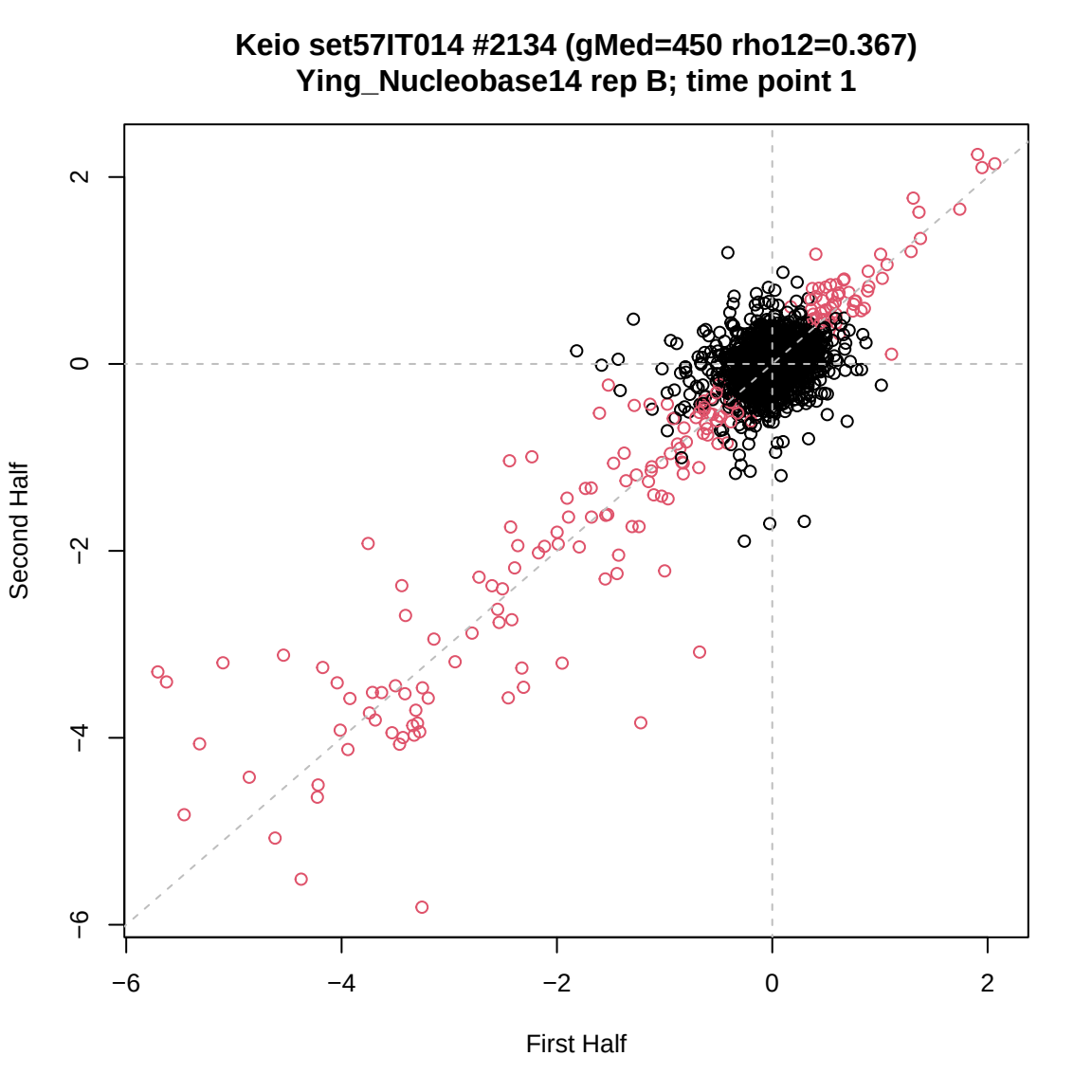

Keio set57IT009 #2129 (gMed=403 rho12=0.337)
Ying_OrganicAcid7 rep C; time point 1
Second Half
First Half
3
2
1
0
−1
−2
−3
−6
−4
−2
0
2

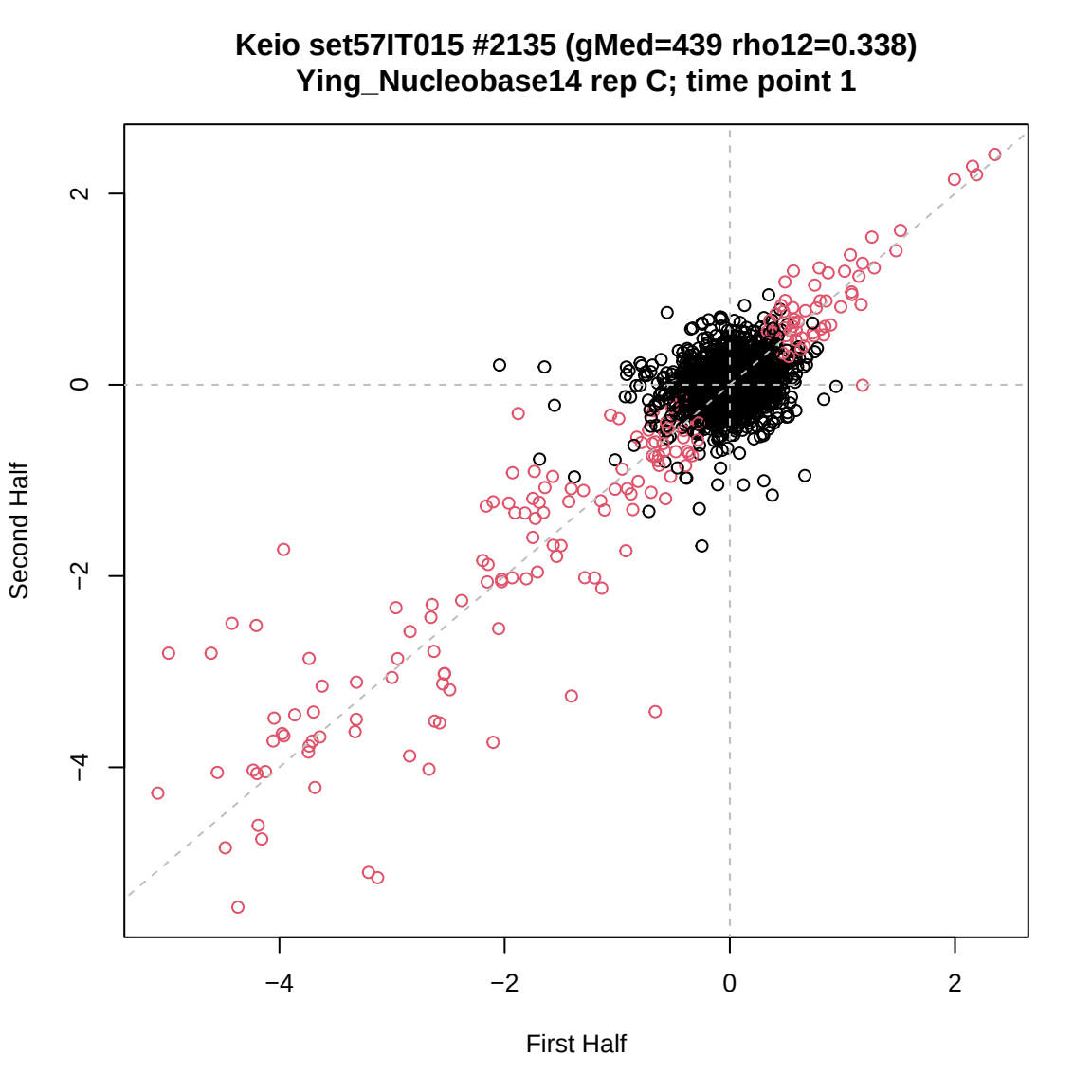

Keio set57IT010 #2130 (gMed=501 rho12=0.390)
Ying_sugar7 rep A; time point 1
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

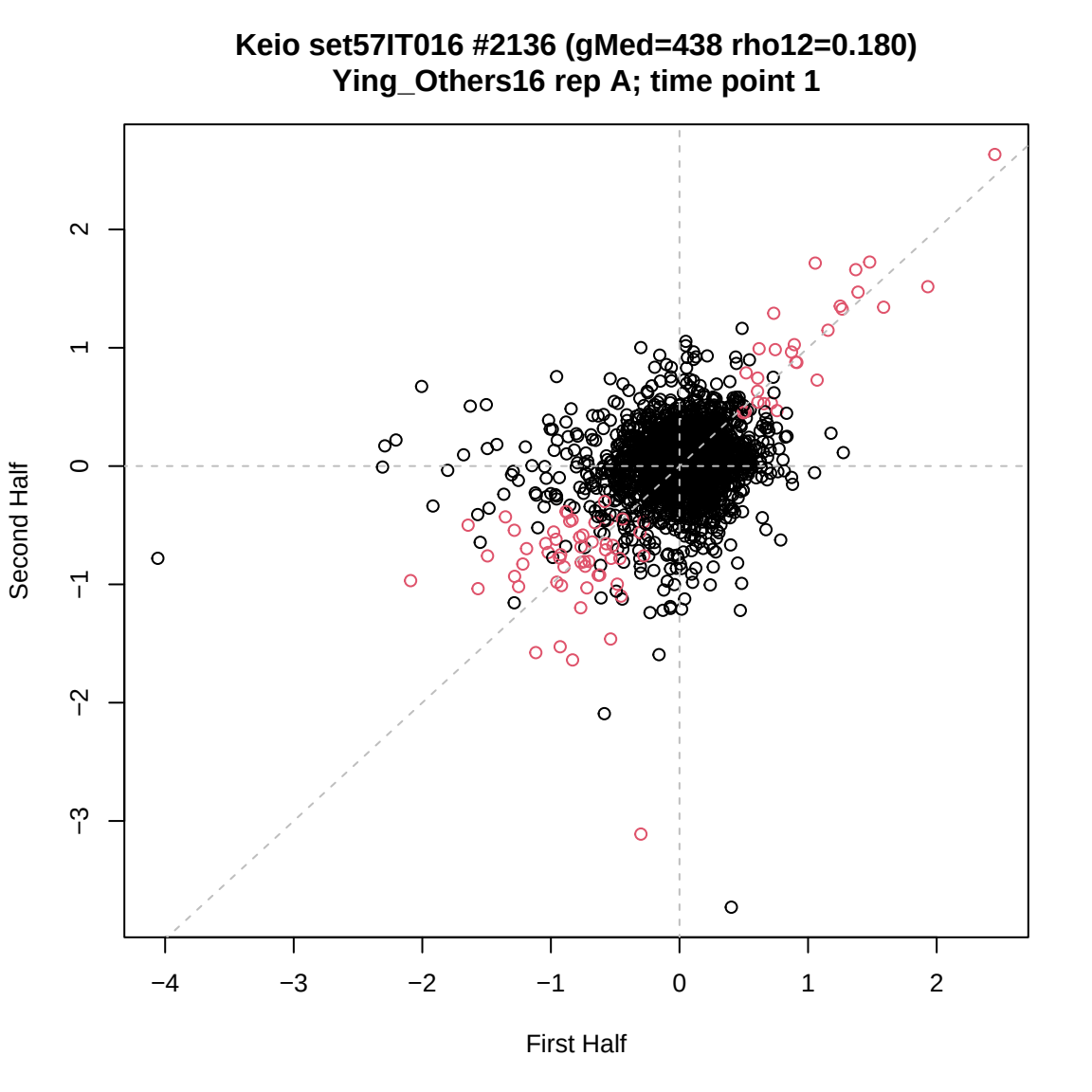

Keio set57IT011 #2131 (gMed=452 rho12=0.337)
Ying_sugar7 rep B; time point 1
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4

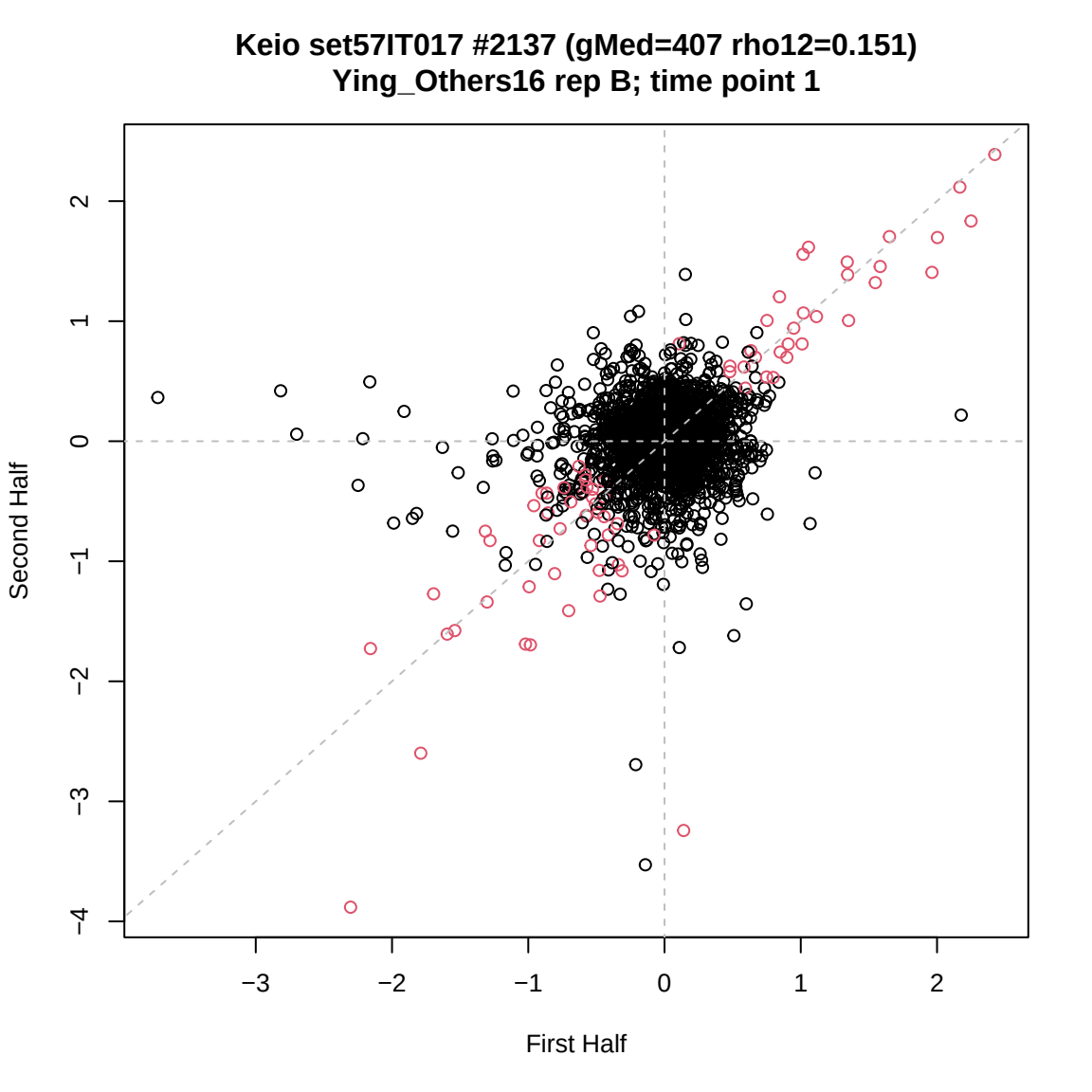

Keio set57IT012 #2132 (gMed=433 rho12=0.361)
Ying_sugar7 rep C; time point 1
Second Half
First Half
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4

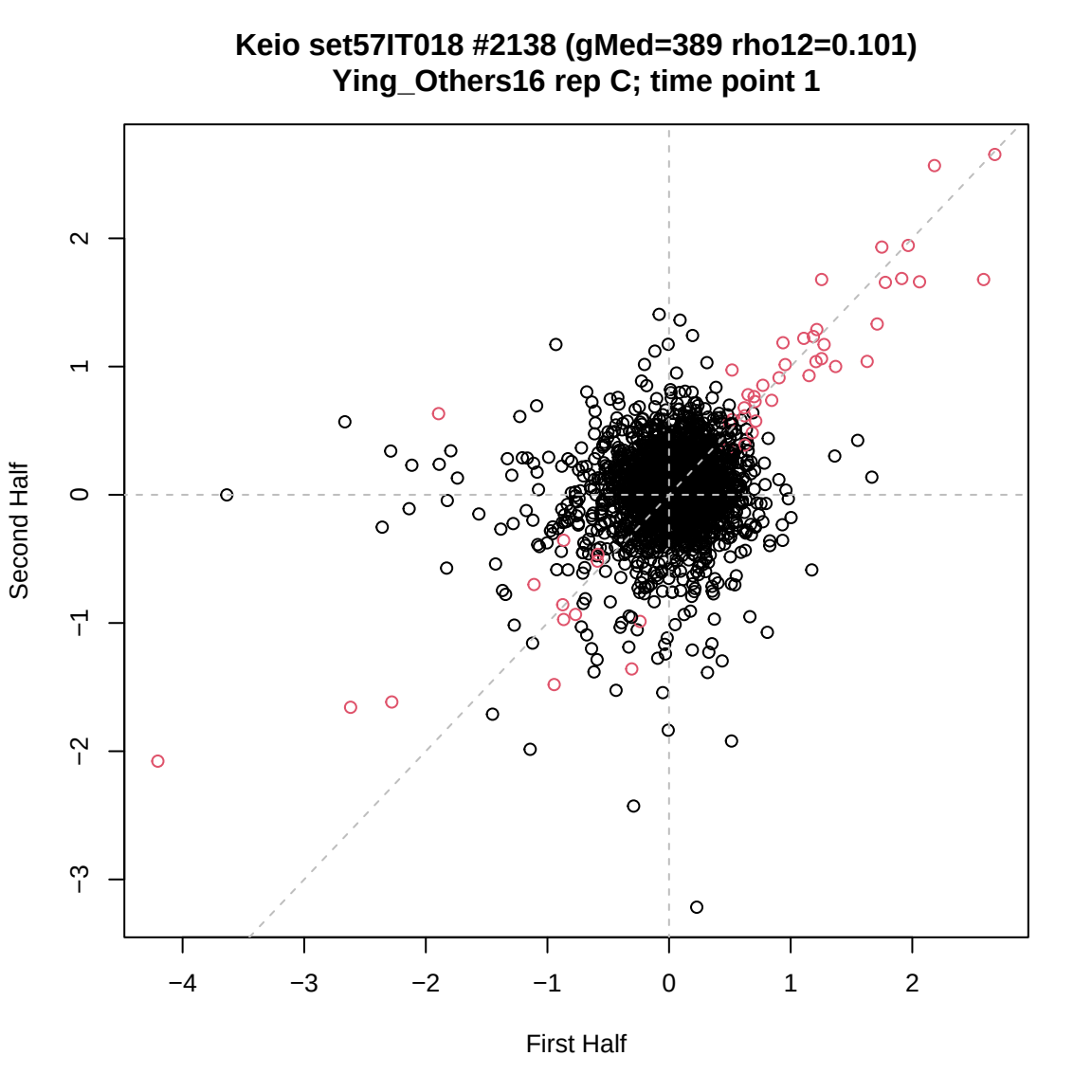

Keio set57IT013 #2133 (gMed=472 rho12=0.371)
Ying_Nucleobase14 rep A; time point 1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

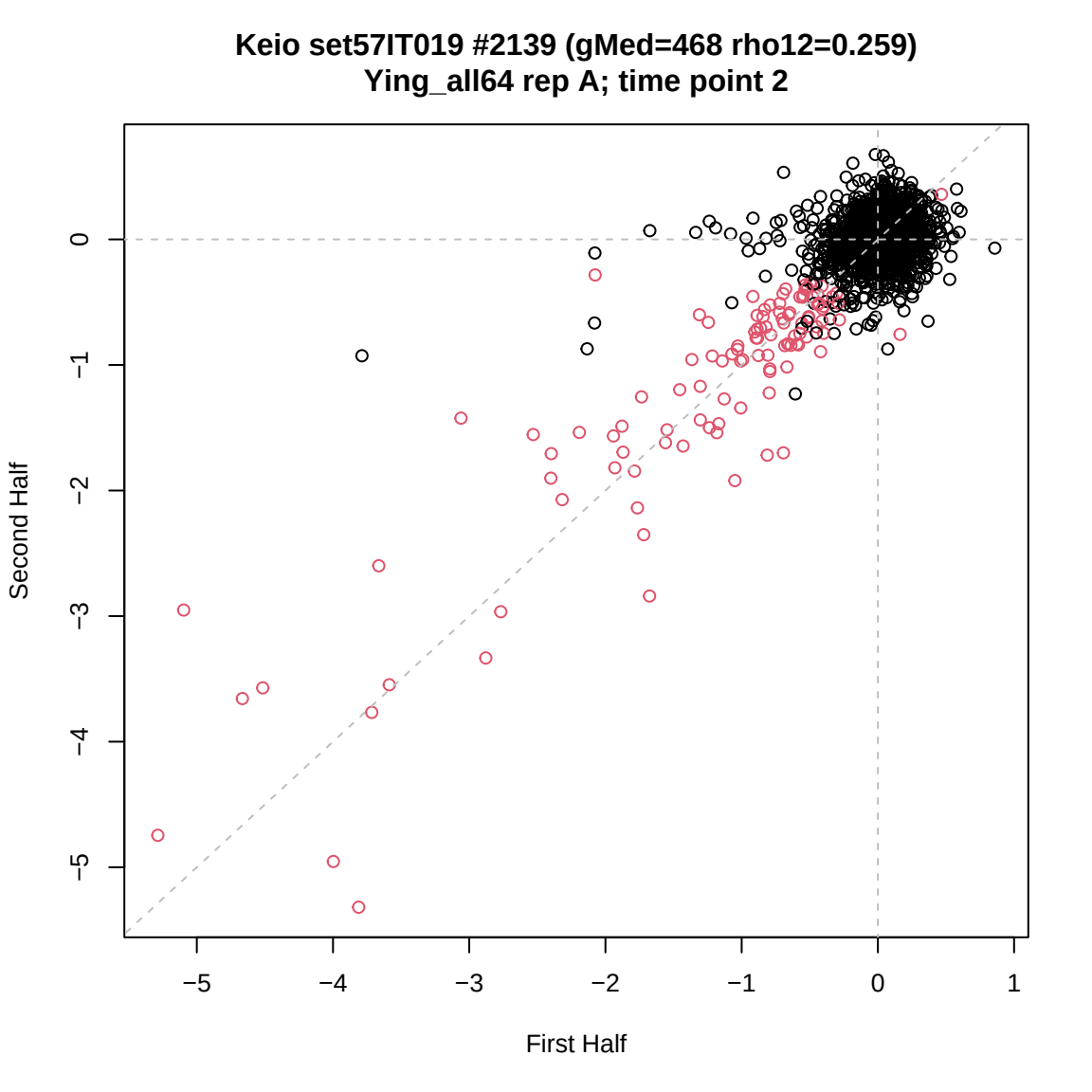

Keio set57IT014 #2134 (gMed=450 rho12=0.367)
Ying_Nucleobase14 rep B; time point 1
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

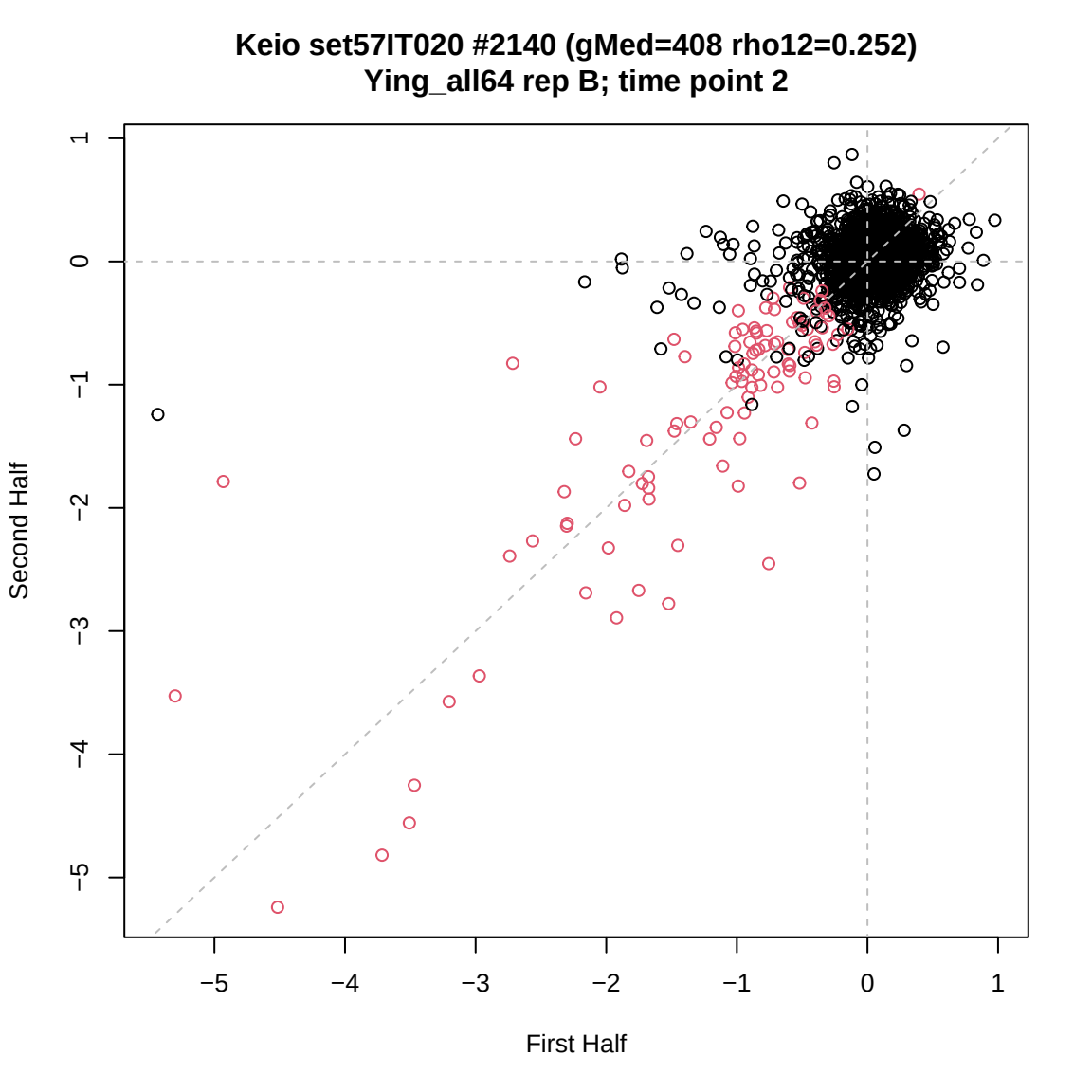

Keio set57IT015 #2135 (gMed=439 rho12=0.338)
Ying_Nucleobase14 rep C; time point 1
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

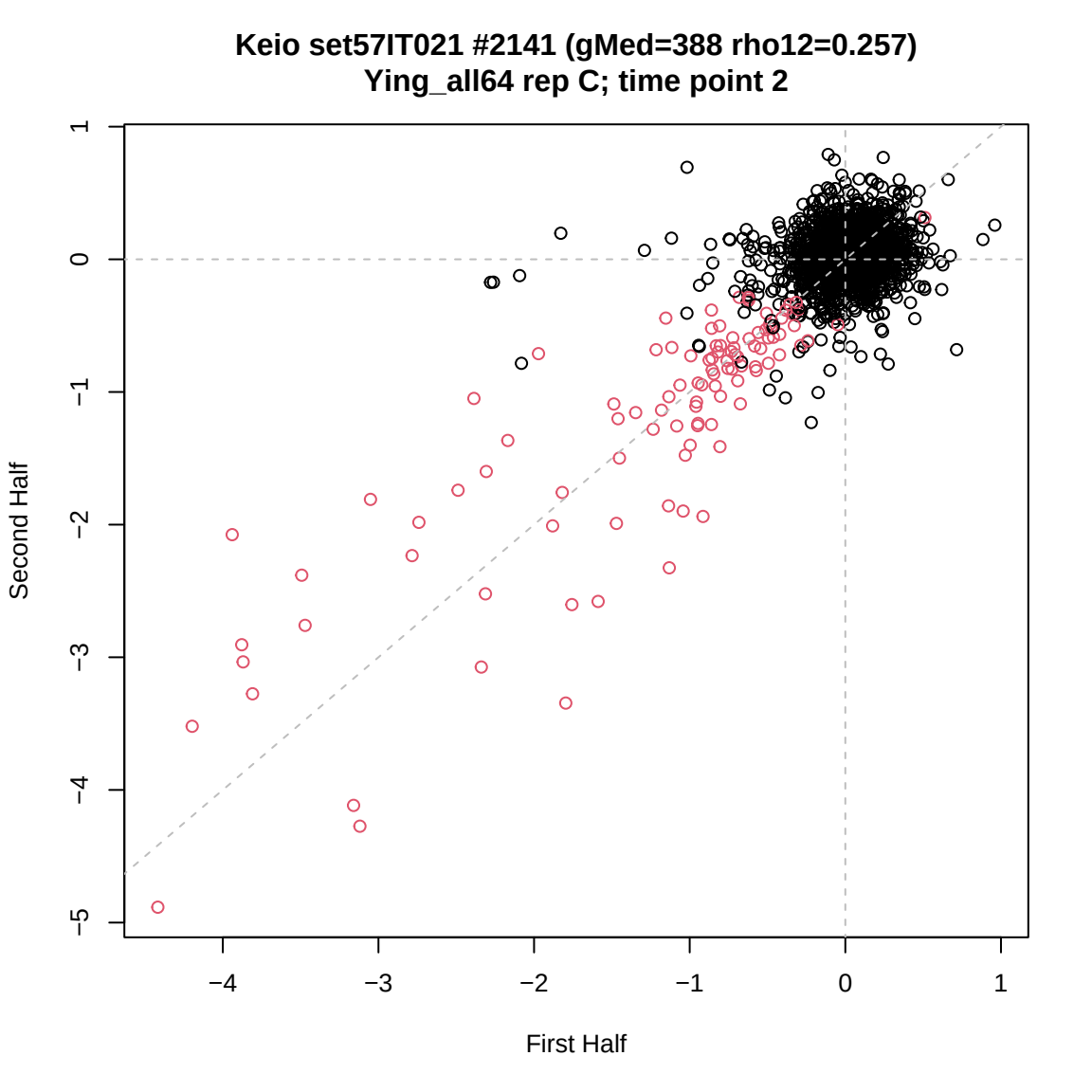

Keio set57IT016 #2136 (gMed=438 rho12=0.180)
Ying_Others16 rep A; time point 1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

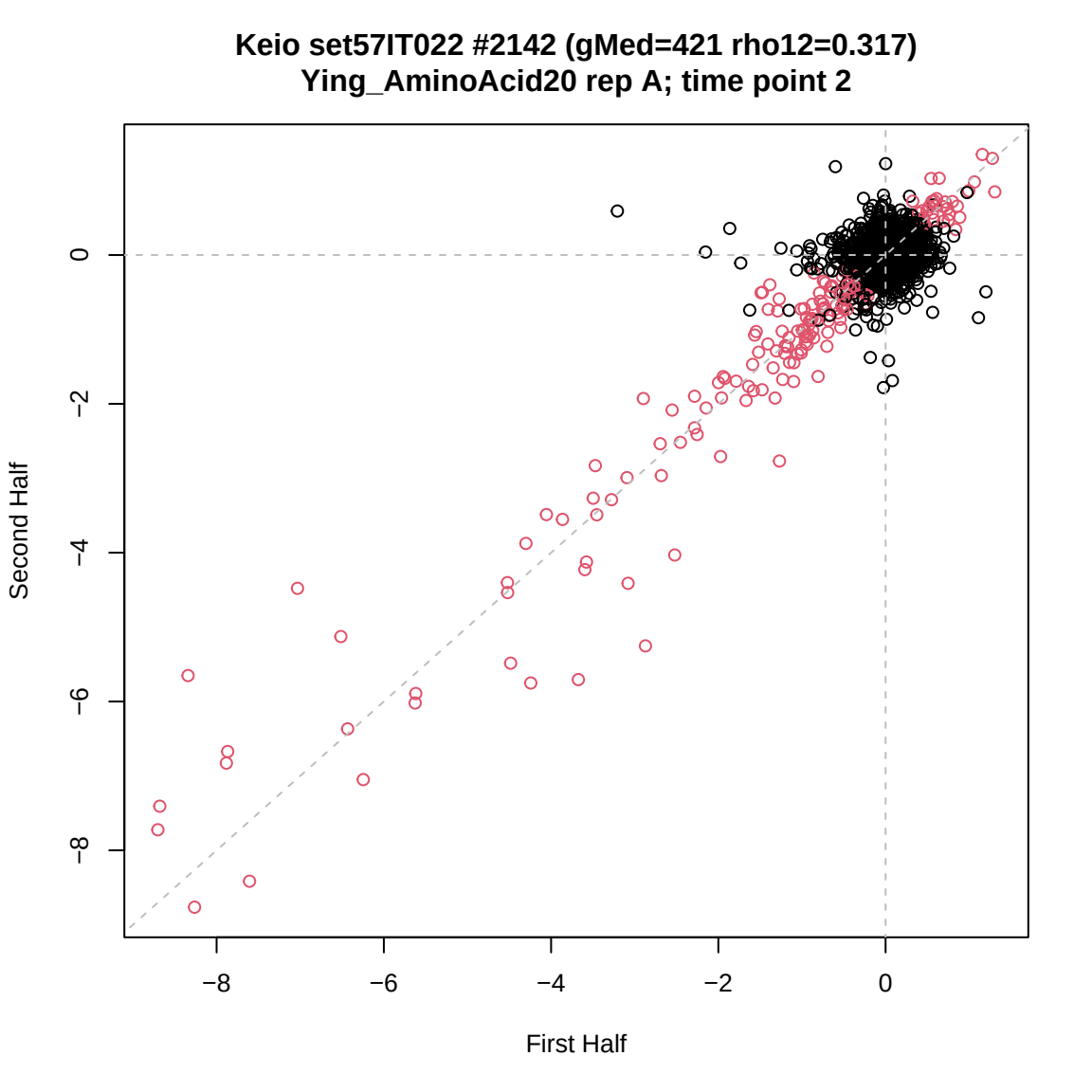

Keio set57IT017 #2137 (gMed=407 rho12=0.151)
Ying_Others16 rep B; time point 1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

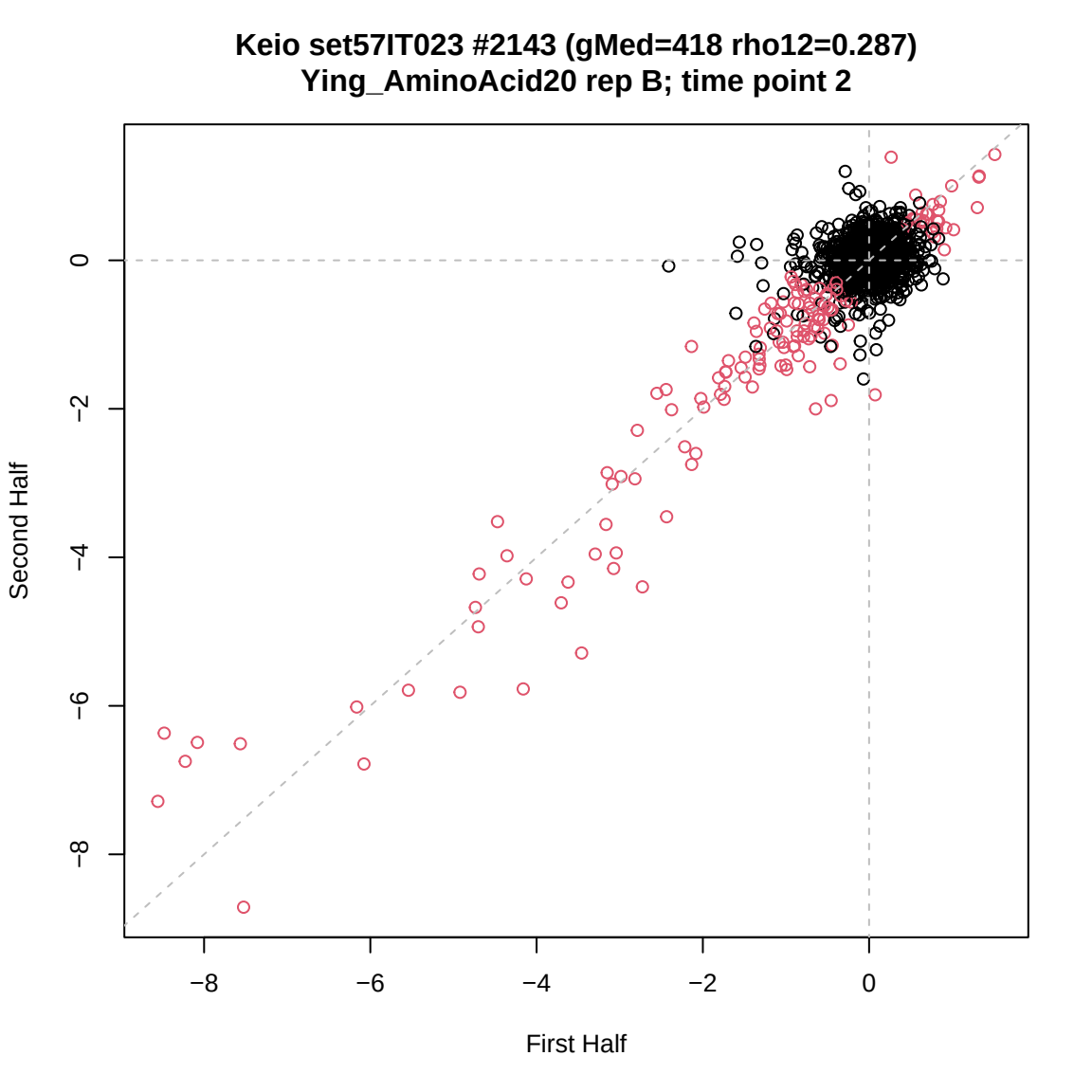

Keio set57IT018 #2138 (gMed=389 rho12=0.101)
Ying_Others16 rep C; time point 1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

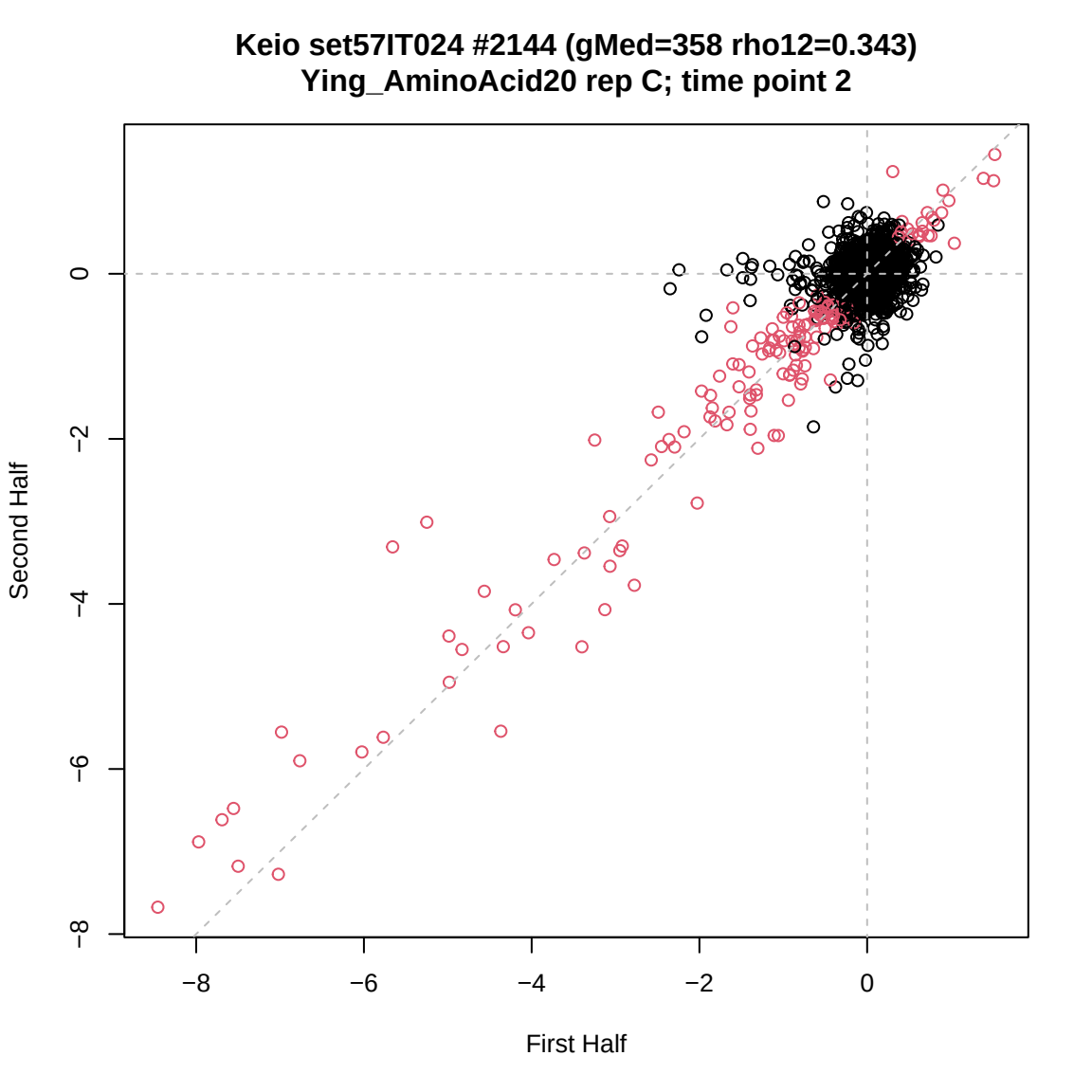

Keio set57IT019 #2139 (gMed=468 rho12=0.259)
Ying_all64 rep A; time point 2
Second Half
First Half
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

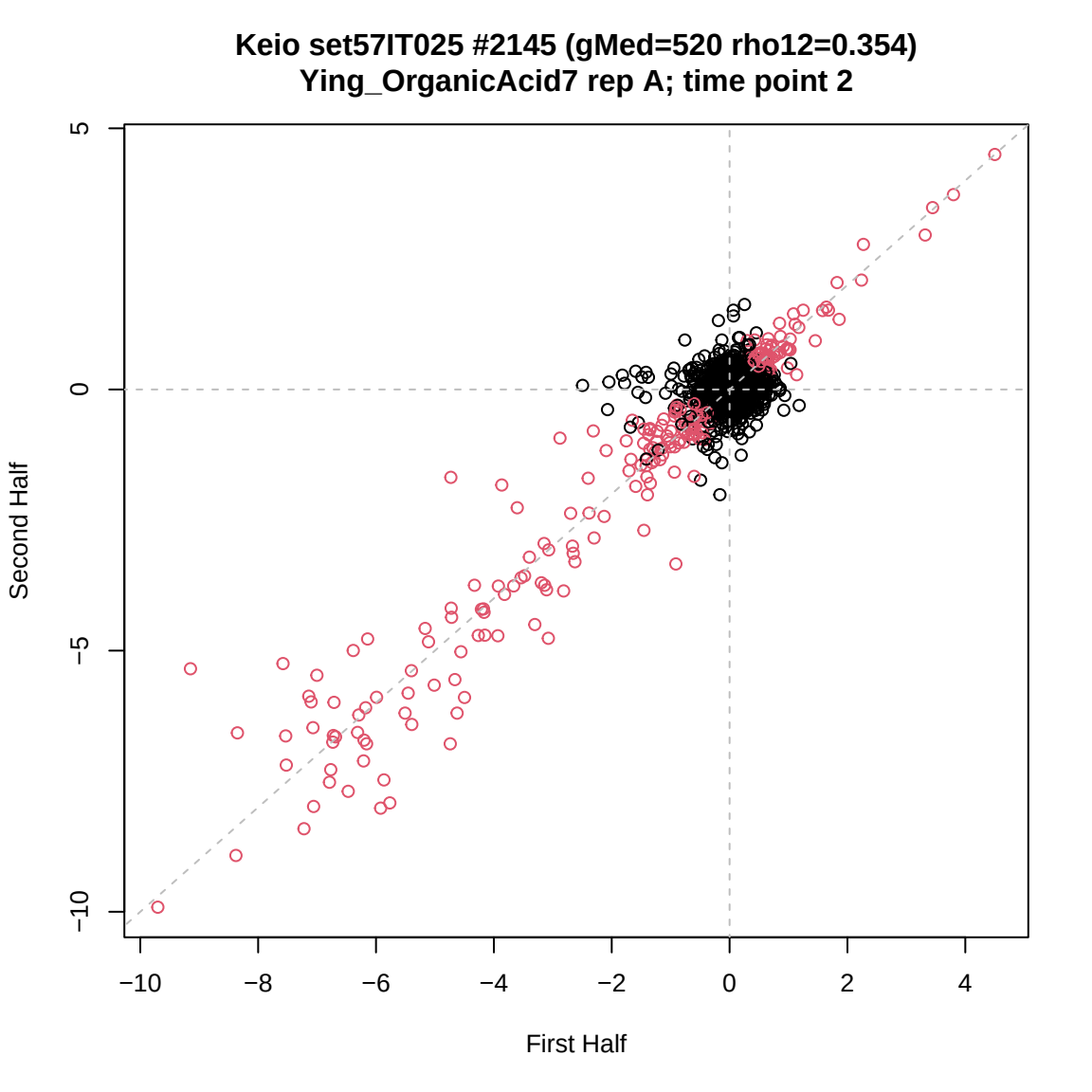

Keio set57IT020 #2140 (gMed=408 rho12=0.252)
Ying_all64 rep B; time point 2
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

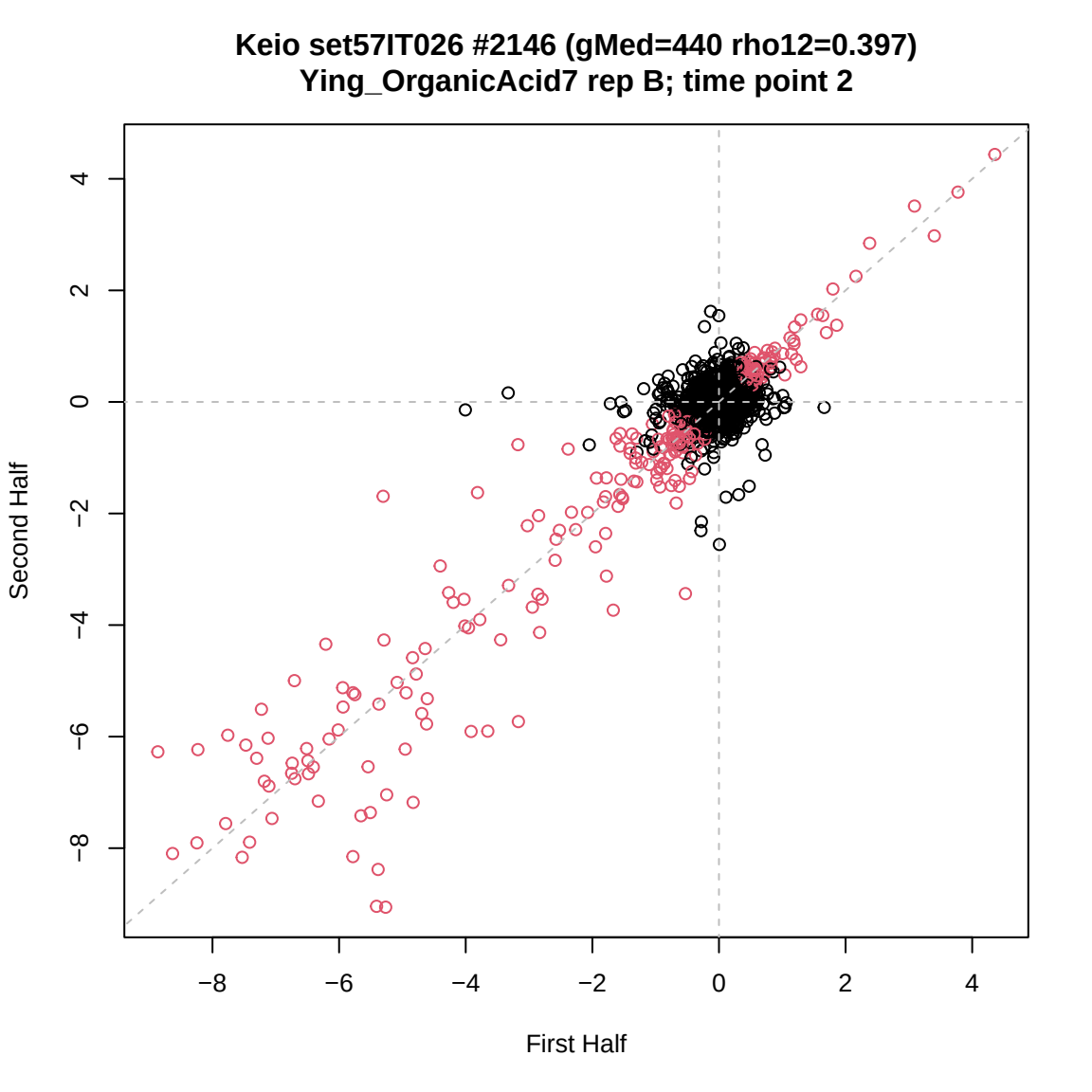

Keio set57IT021 #2141 (gMed=388 rho12=0.257)
Ying_all64 rep C; time point 2
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

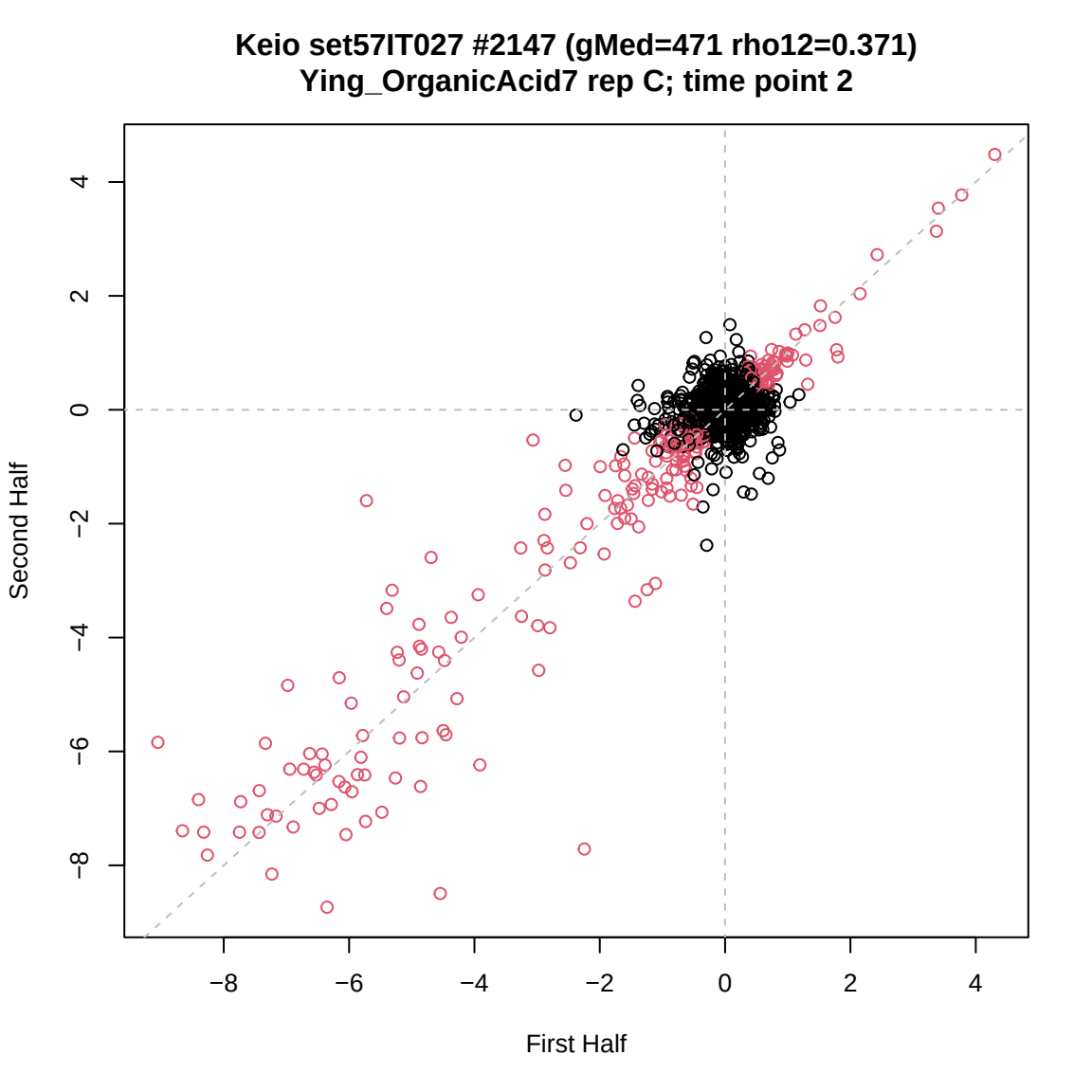

Keio set57IT022 #2142 (gMed=421 rho12=0.317)
Ying_AminoAcid20 rep A; time point 2
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

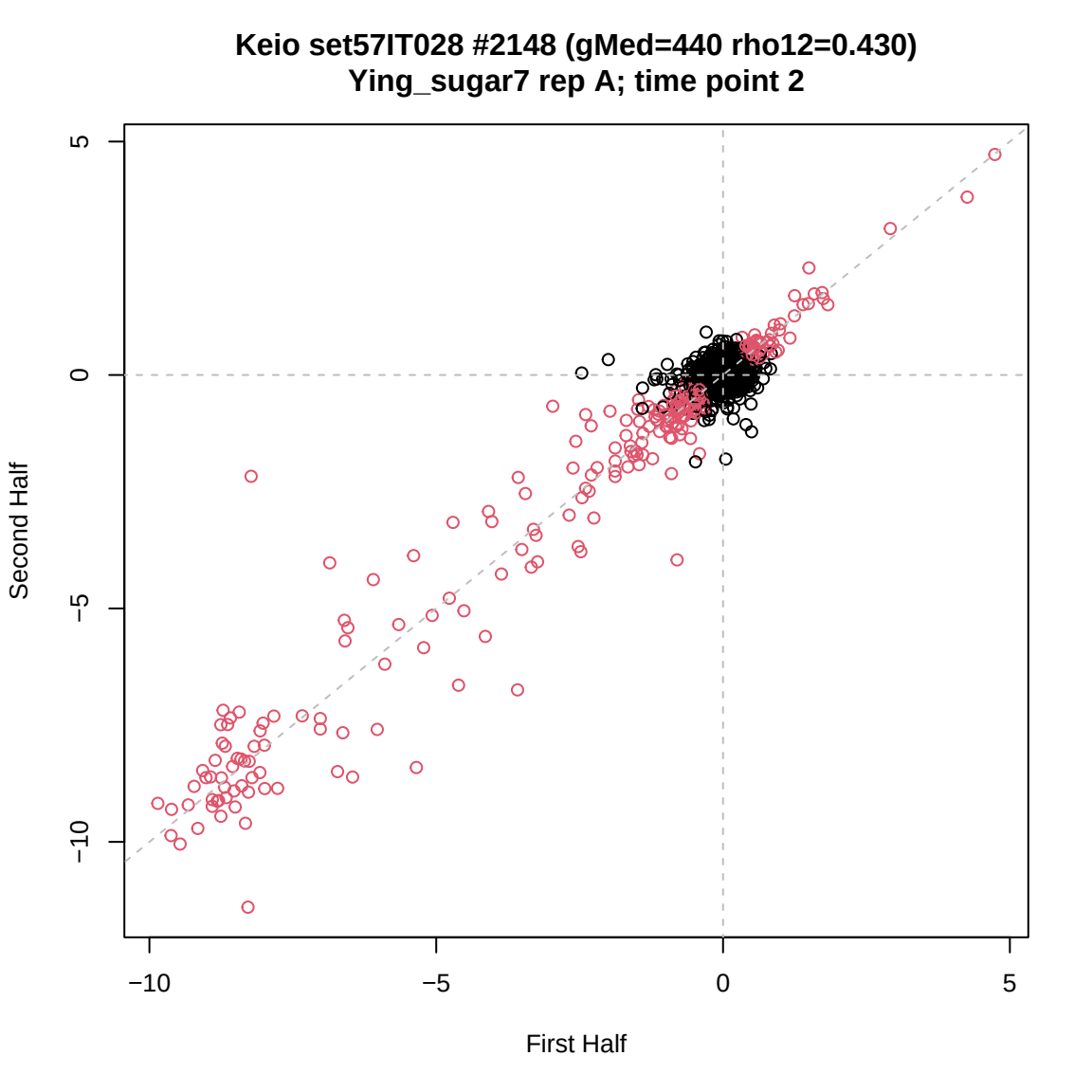

Keio set57IT023 #2143 (gMed=418 rho12=0.287)
Ying_AminoAcid20 rep B; time point 2
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

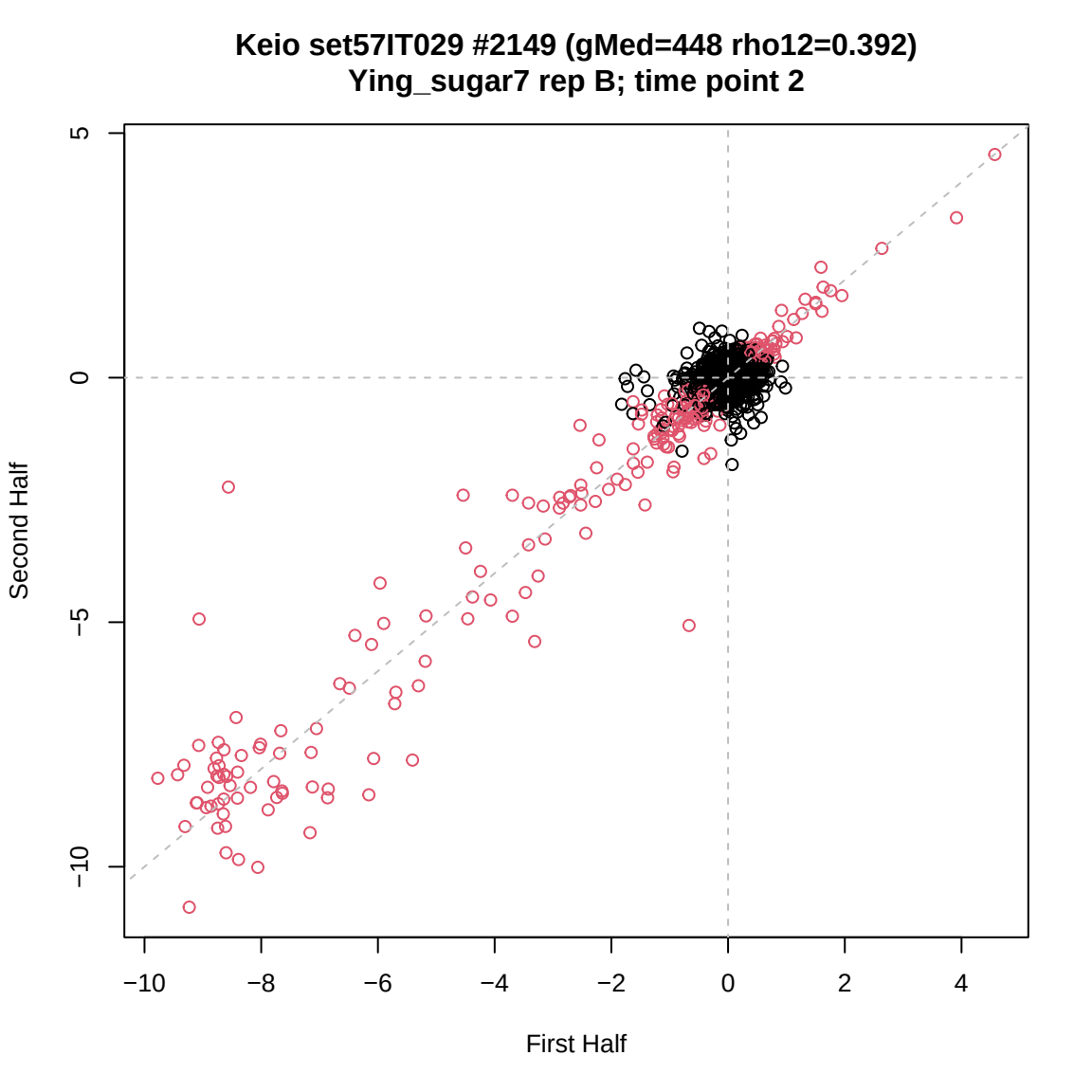

Keio set57IT024 #2144 (gMed=358 rho12=0.343)
Ying_AminoAcid20 rep C; time point 2
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0

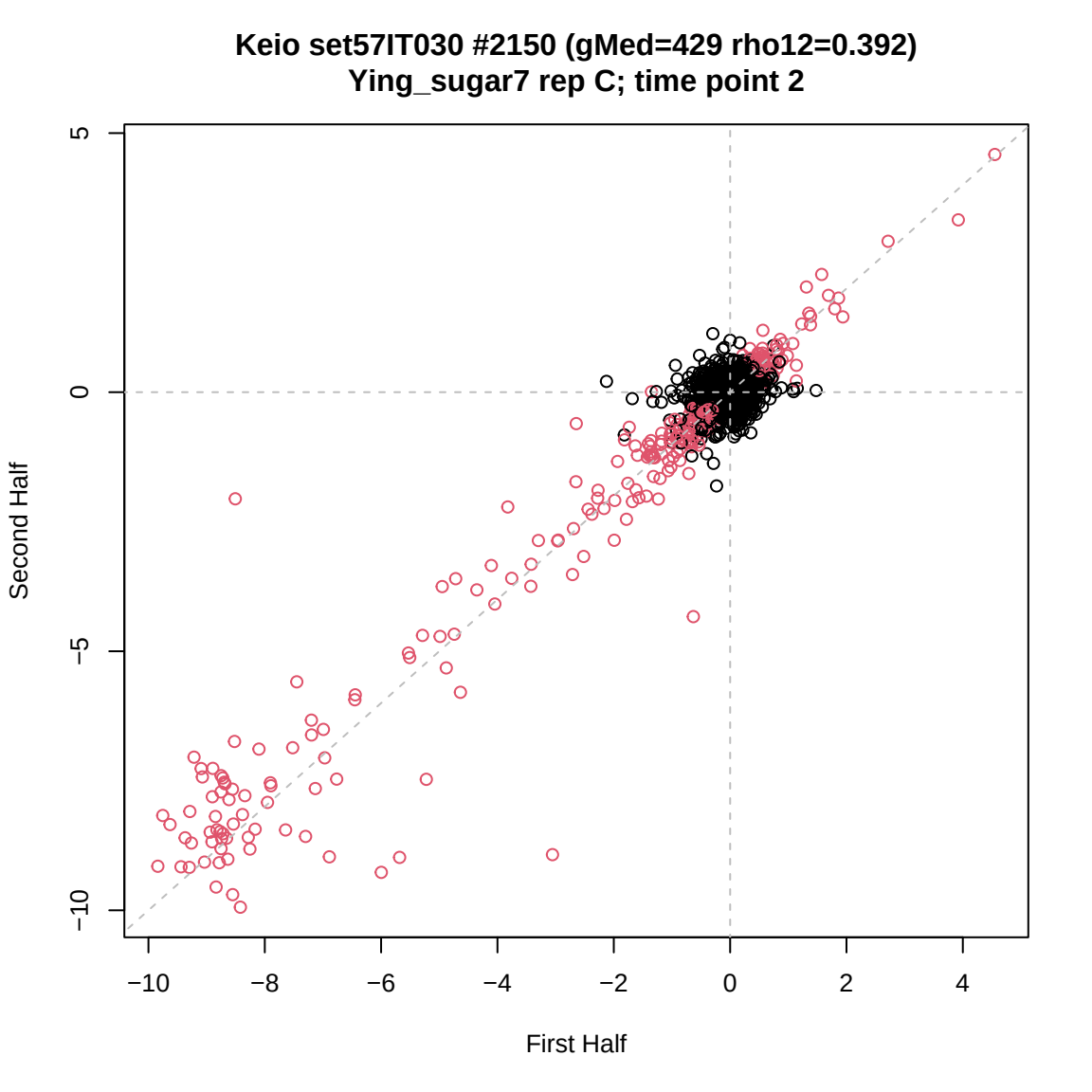

Keio set57IT025 #2145 (gMed=520 rho12=0.354)
Ying_OrganicAcid7 rep A; time point 2
Second Half
First Half
5
0
−5
−10
−10
−8
−6
−4
−2
0
2
4

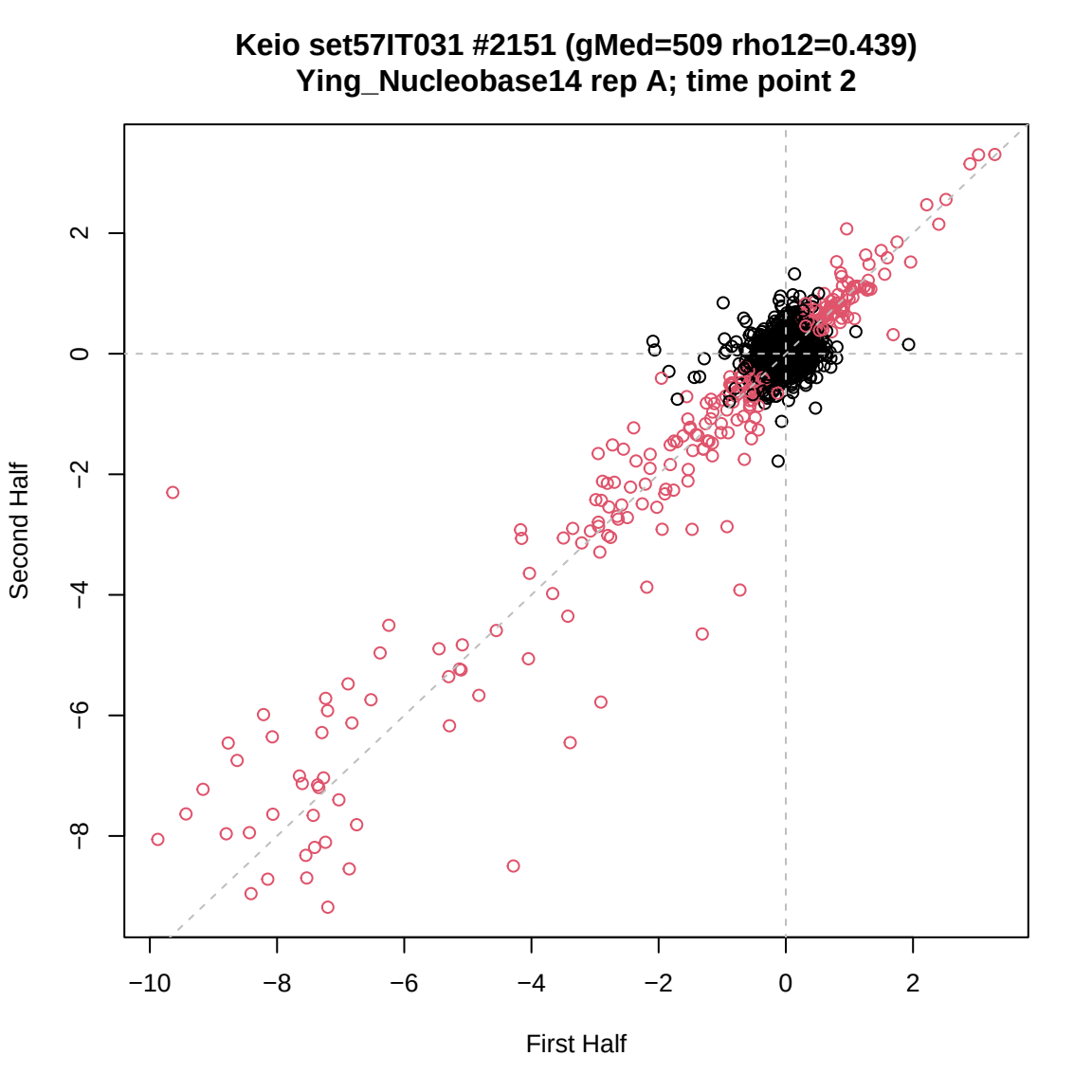

Keio set57IT026 #2146 (gMed=440 rho12=0.397)
Ying_OrganicAcid7 rep B; time point 2
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

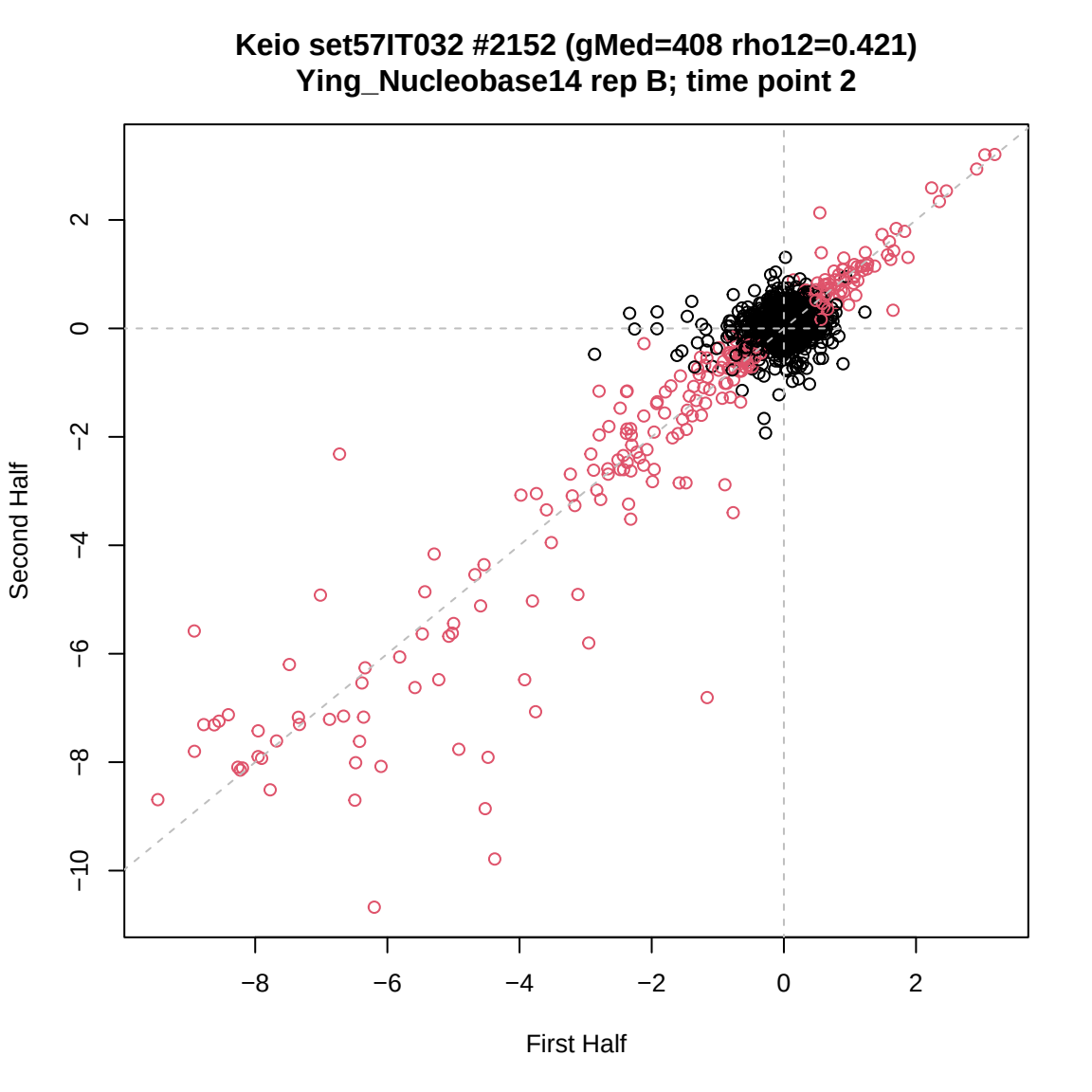

Keio set57IT027 #2147 (gMed=471 rho12=0.371)
Ying_OrganicAcid7 rep C; time point 2
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

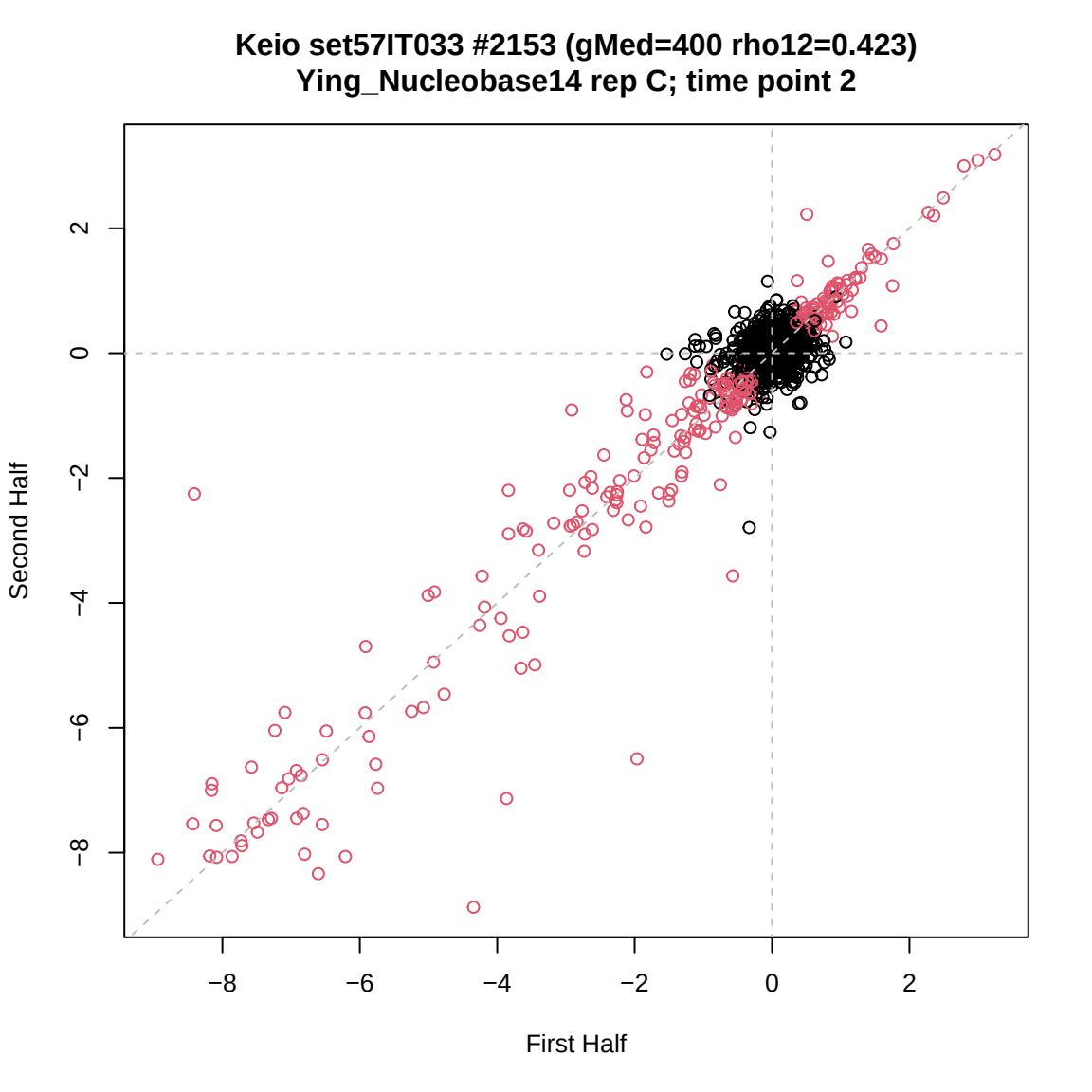

Keio set57IT028 #2148 (gMed=440 rho12=0.430)
Ying_sugar7 rep A; time point 2
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

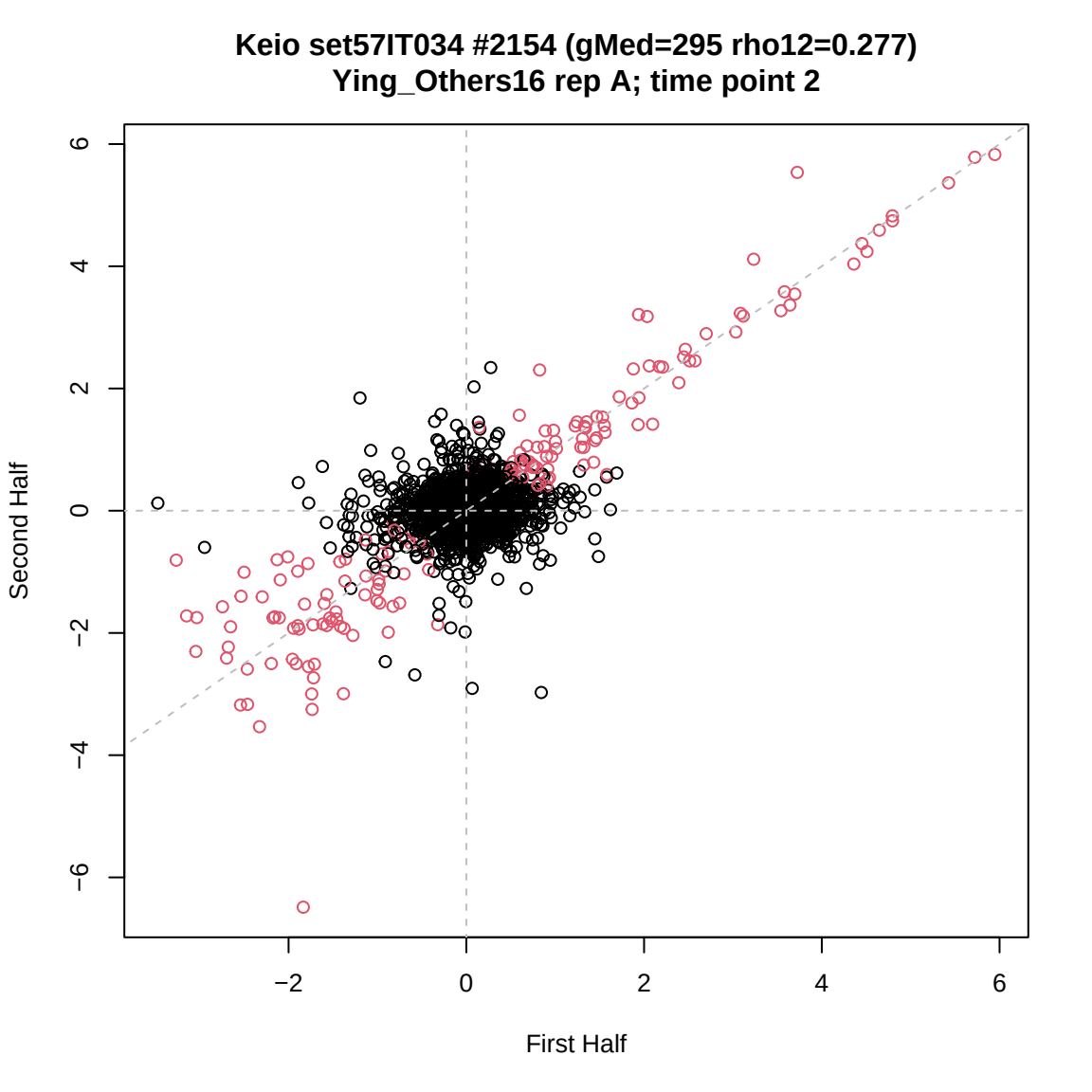

Keio set57IT029 #2149 (gMed=448 rho12=0.392)
Ying_sugar7 rep B; time point 2
Second Half
First Half
5
0
−5
−10
−10
−8
−6
−4
−2
0
2
4

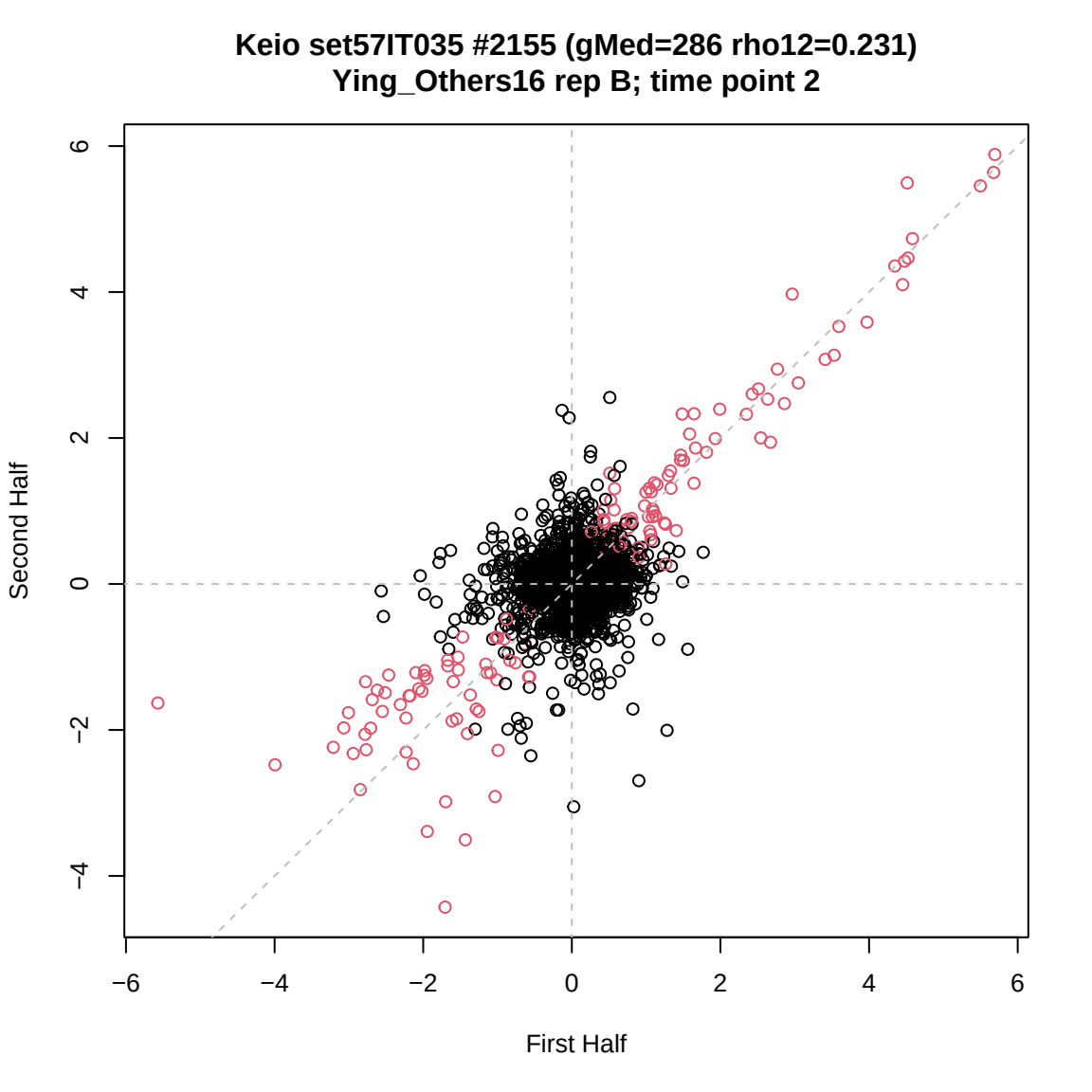

Keio set57IT030 #2150 (gMed=429 rho12=0.392)
Ying_sugar7 rep C; time point 2
Second Half
First Half
5
0
−5
−10
−10
−8
−6
−4
−2
0
2
4

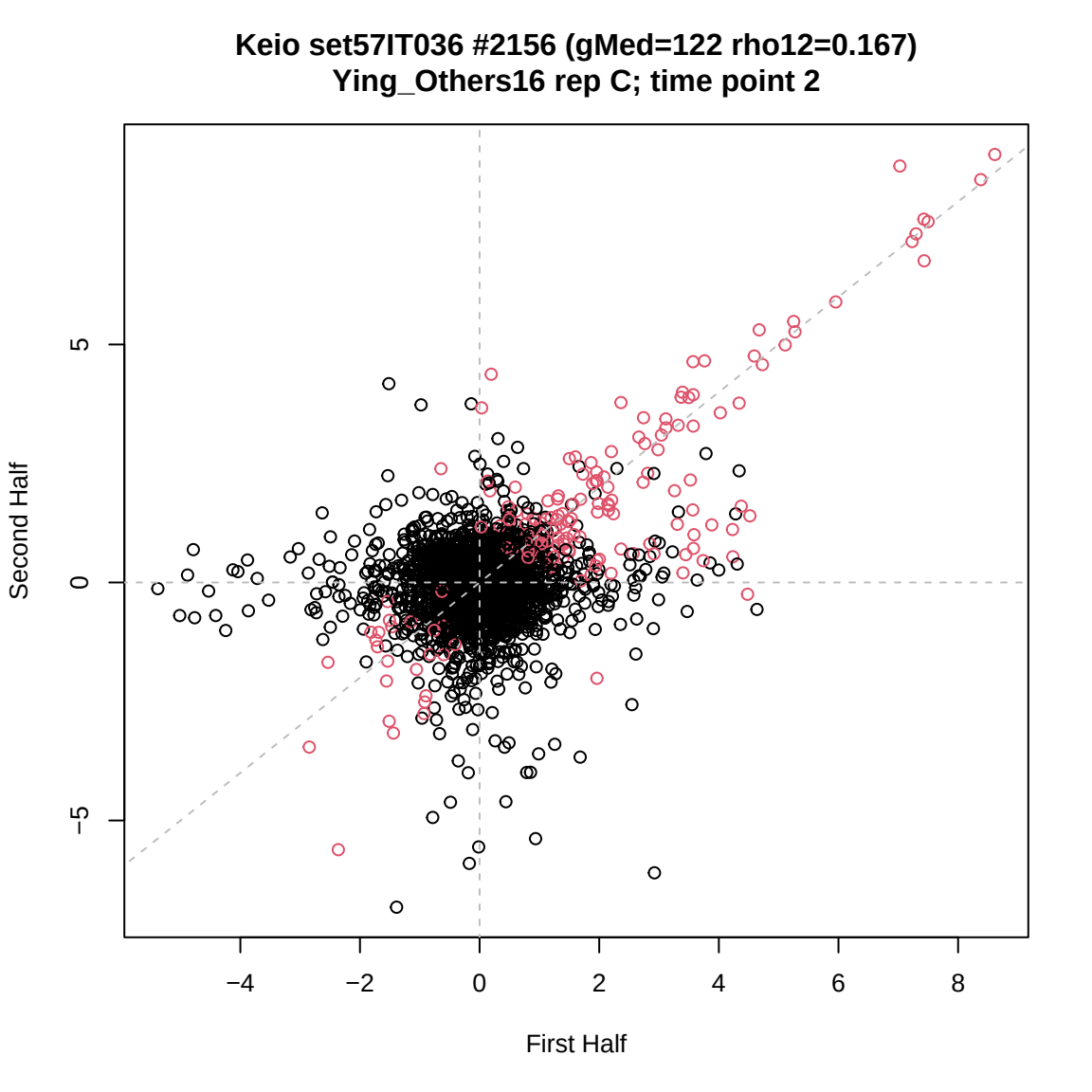

Keio set57IT031 #2151 (gMed=509 rho12=0.439)
Ying_Nucleobase14 rep A; time point 2
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

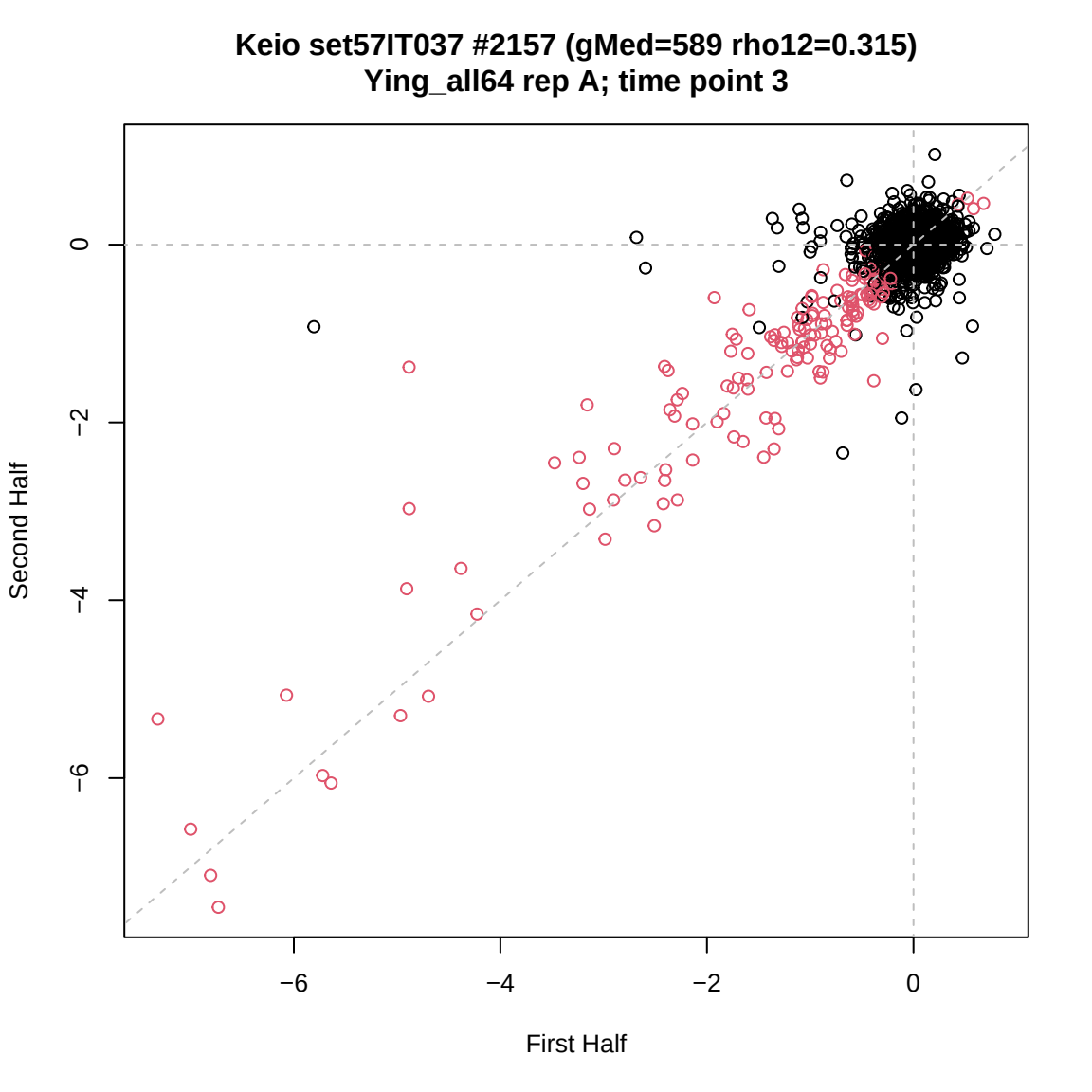

Keio set57IT032 #2152 (gMed=408 rho12=0.421)
Ying_Nucleobase14 rep B; time point 2
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

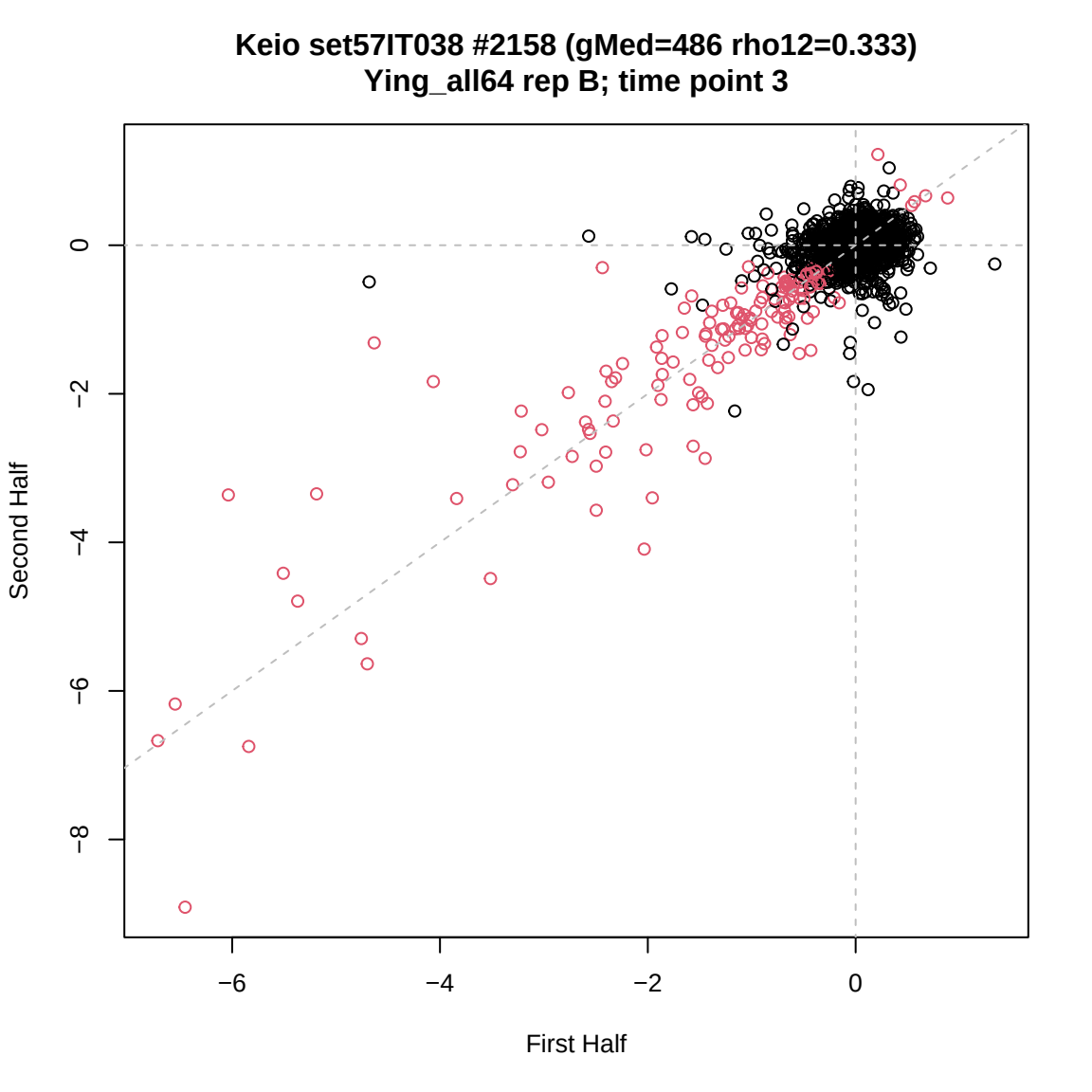

Keio set57IT033 #2153 (gMed=400 rho12=0.423)
Ying_Nucleobase14 rep C; time point 2
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

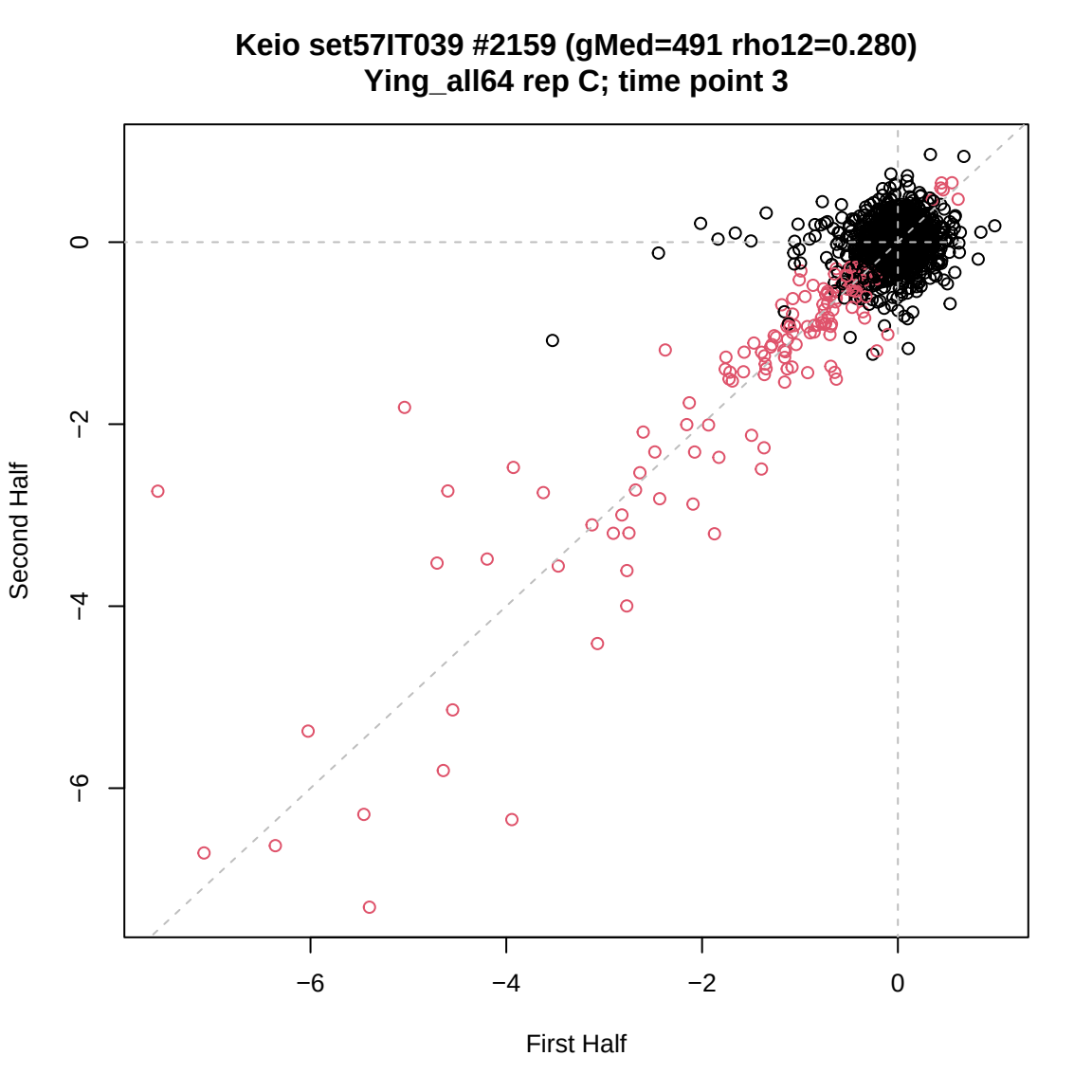

Keio set57IT034 #2154 (gMed=295 rho12=0.277)
Ying_Others16 rep A; time point 2
Second Half
First Half
6
4
2
0
−2
−4
−6
−2
0
2
4
6

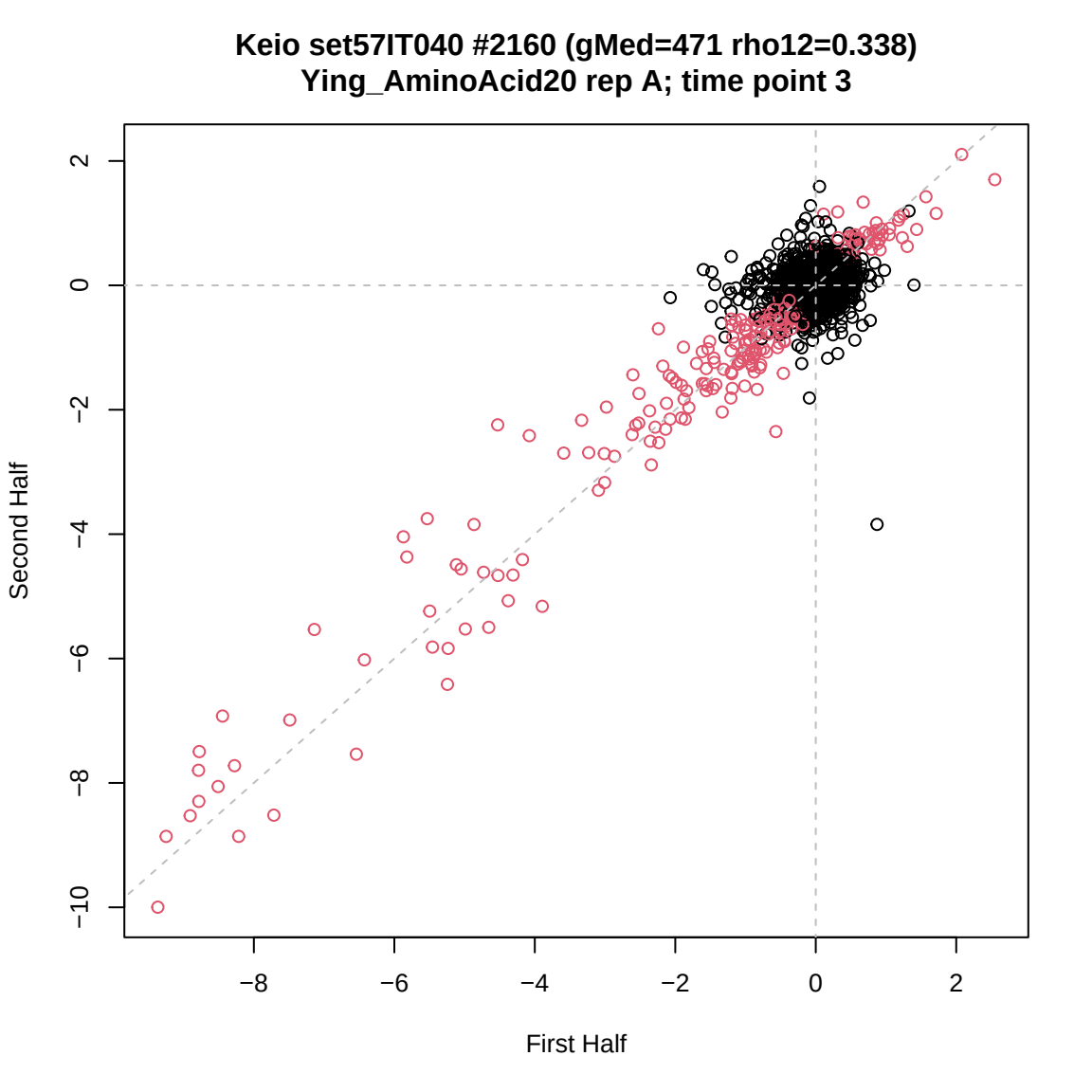

Keio set57IT035 #2155 (gMed=286 rho12=0.231)
Ying_Others16 rep B; time point 2
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

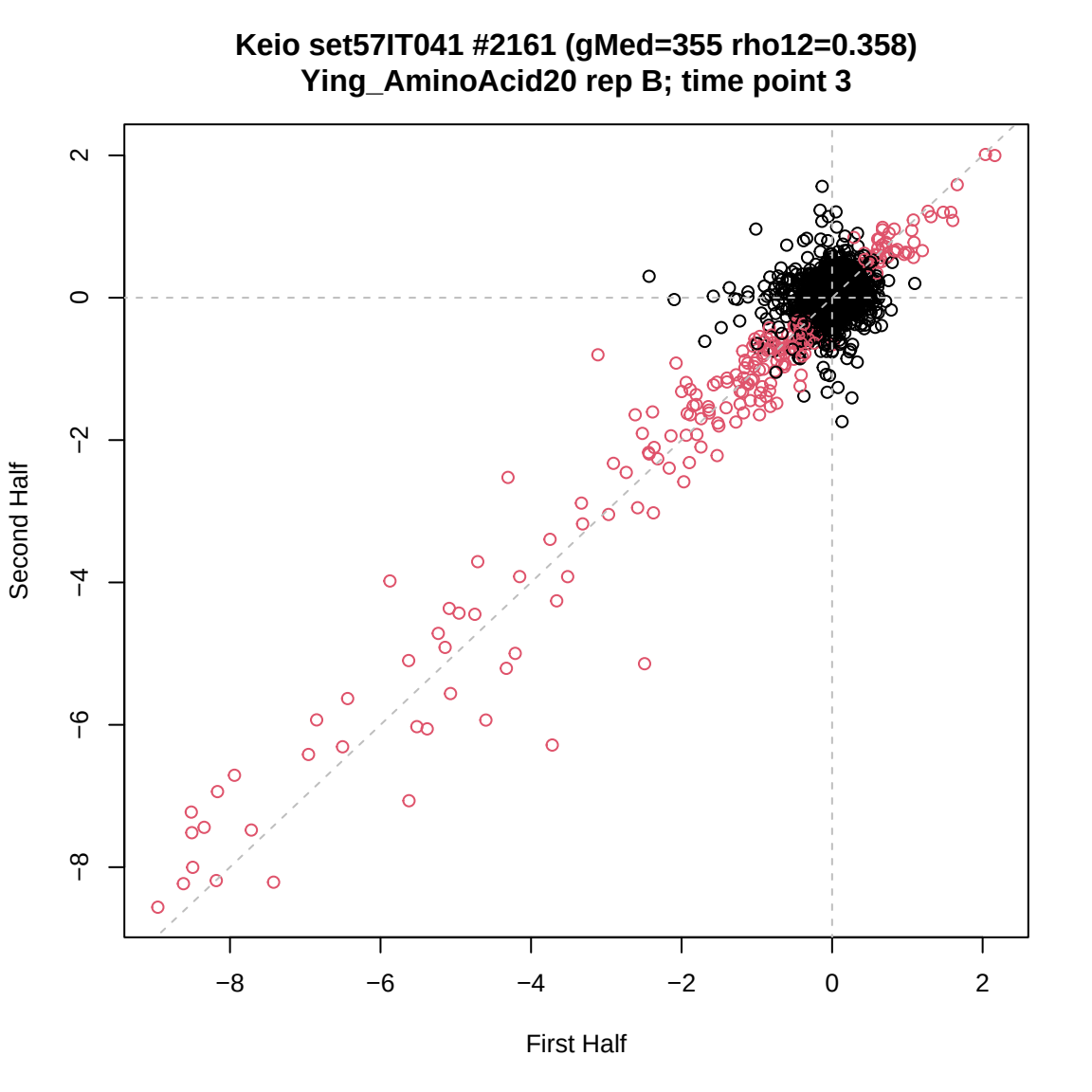

Keio set57IT036 #2156 (gMed=122 rho12=0.167)
Ying_Others16 rep C; time point 2
Second Half
First Half
5
0
−5
−4
−2
0
2
4
6
8

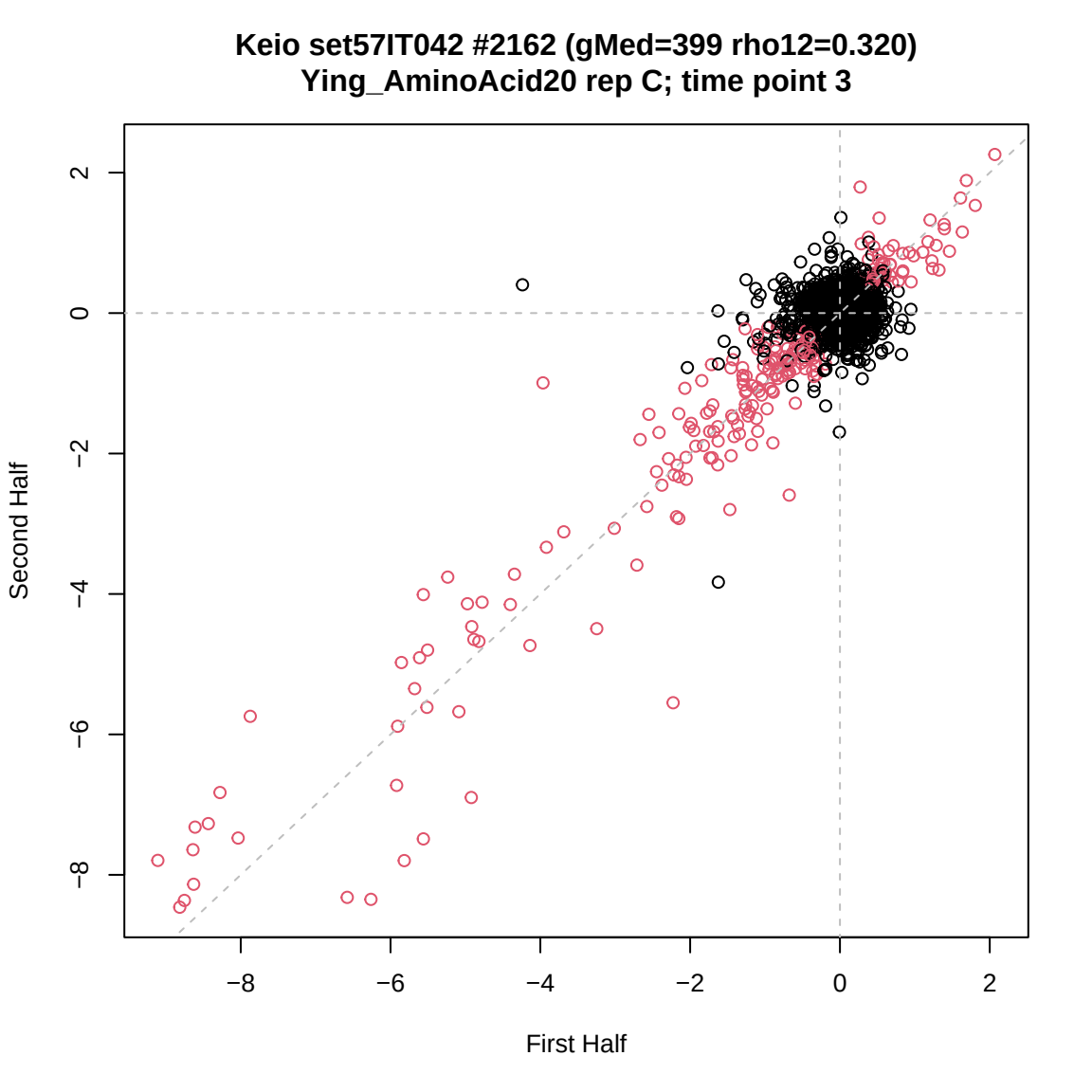

Keio set57IT037 #2157 (gMed=589 rho12=0.315)
Ying_all64 rep A; time point 3
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

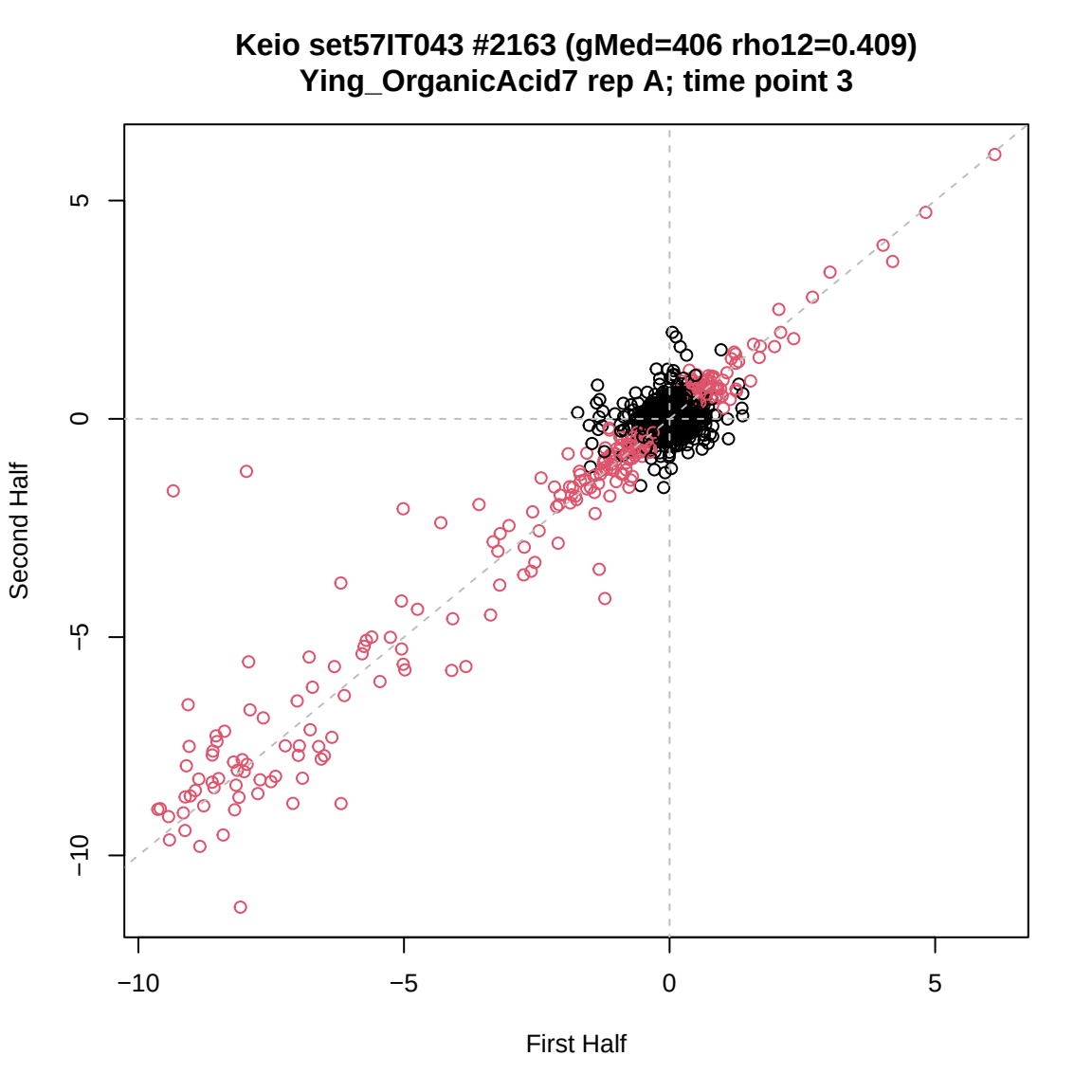

Keio set57IT038 #2158 (gMed=486 rho12=0.333)
Ying_all64 rep B; time point 3
Second Half
First Half
0
−2
−4
−6
−8
−6
−4
−2
0

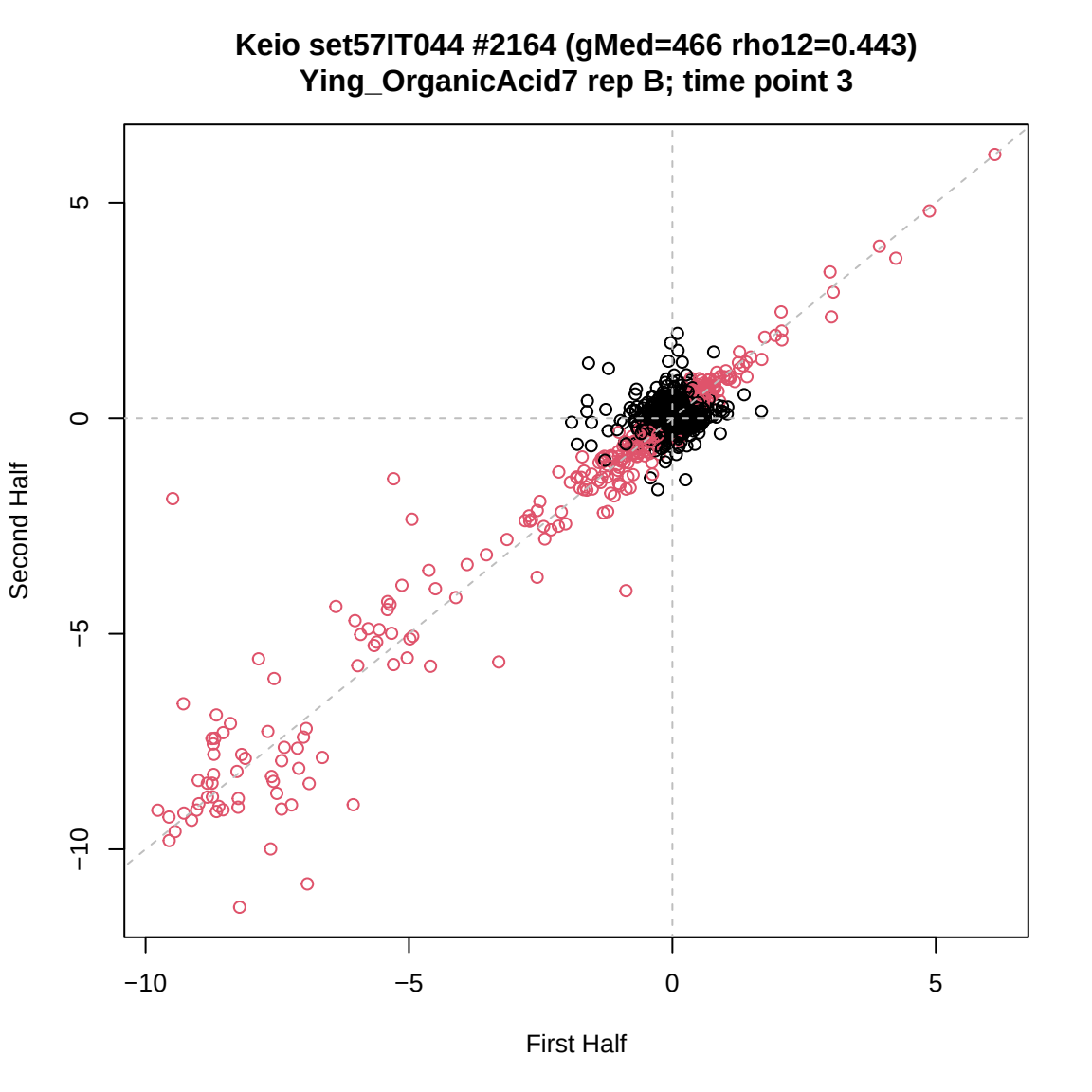

Keio set57IT039 #2159 (gMed=491 rho12=0.280)
Ying_all64 rep C; time point 3
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

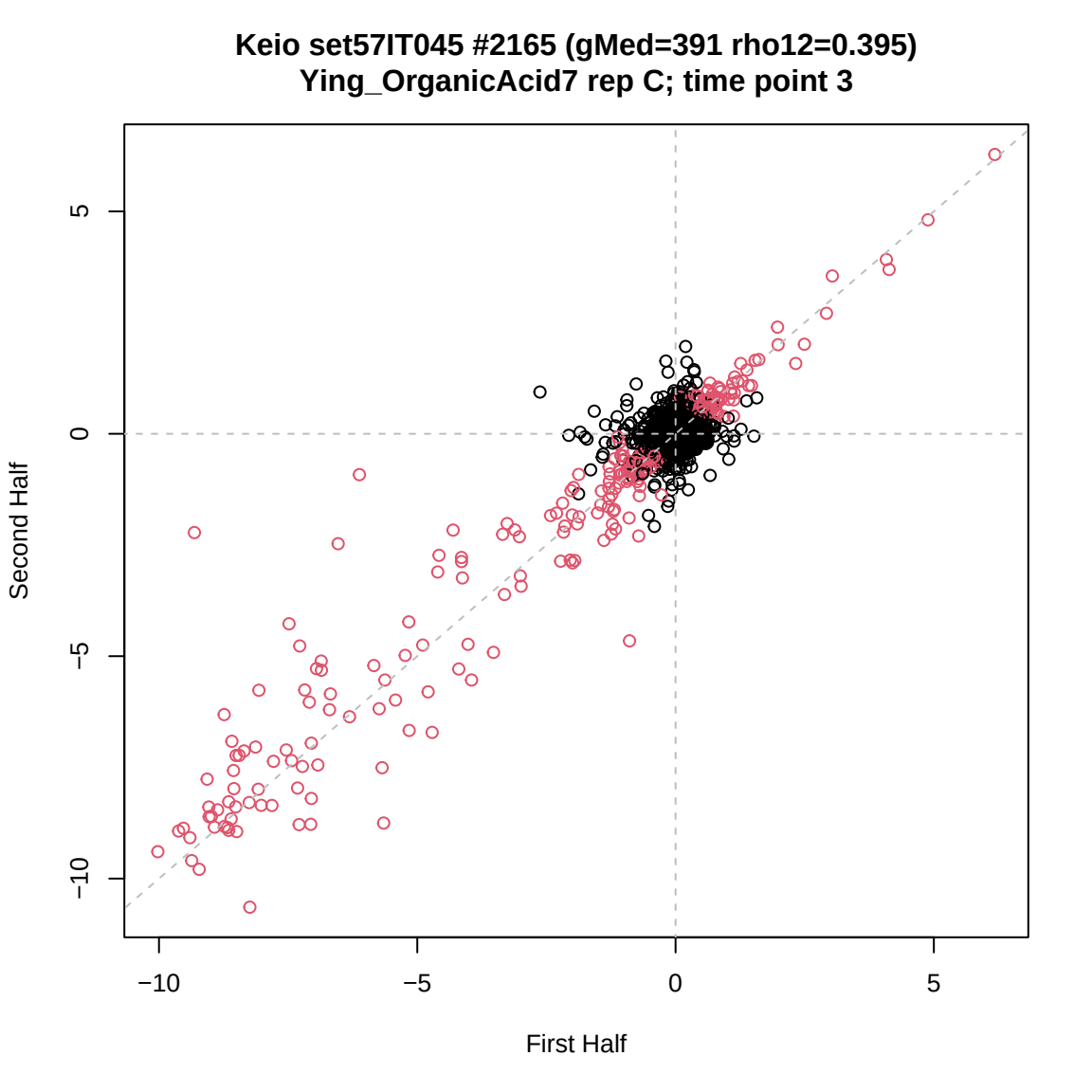

Keio set57IT040 #2160 (gMed=471 rho12=0.338)
Ying_AminoAcid20 rep A; time point 3
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

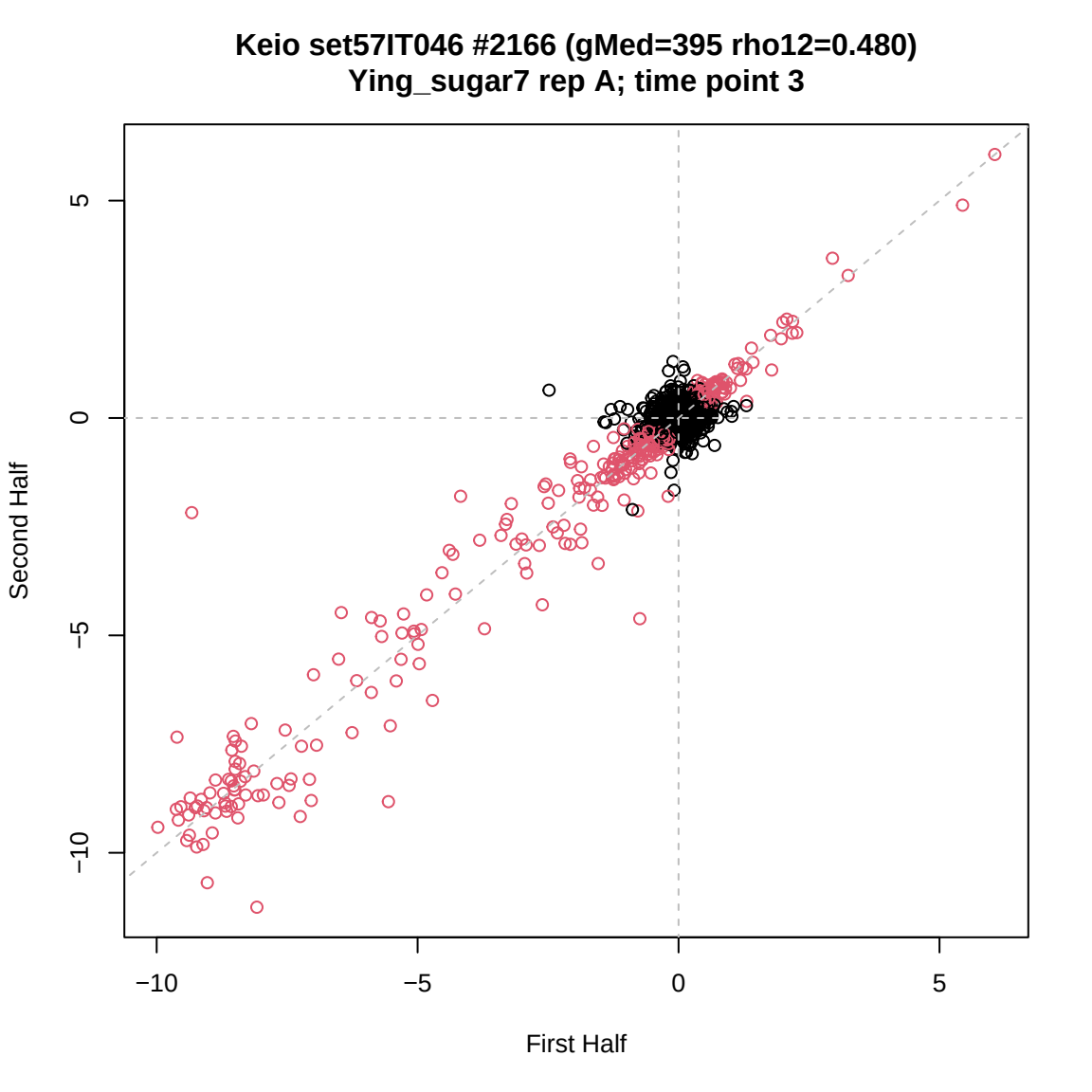

Keio set57IT041 #2161 (gMed=355 rho12=0.358)
Ying_AminoAcid20 rep B; time point 3
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

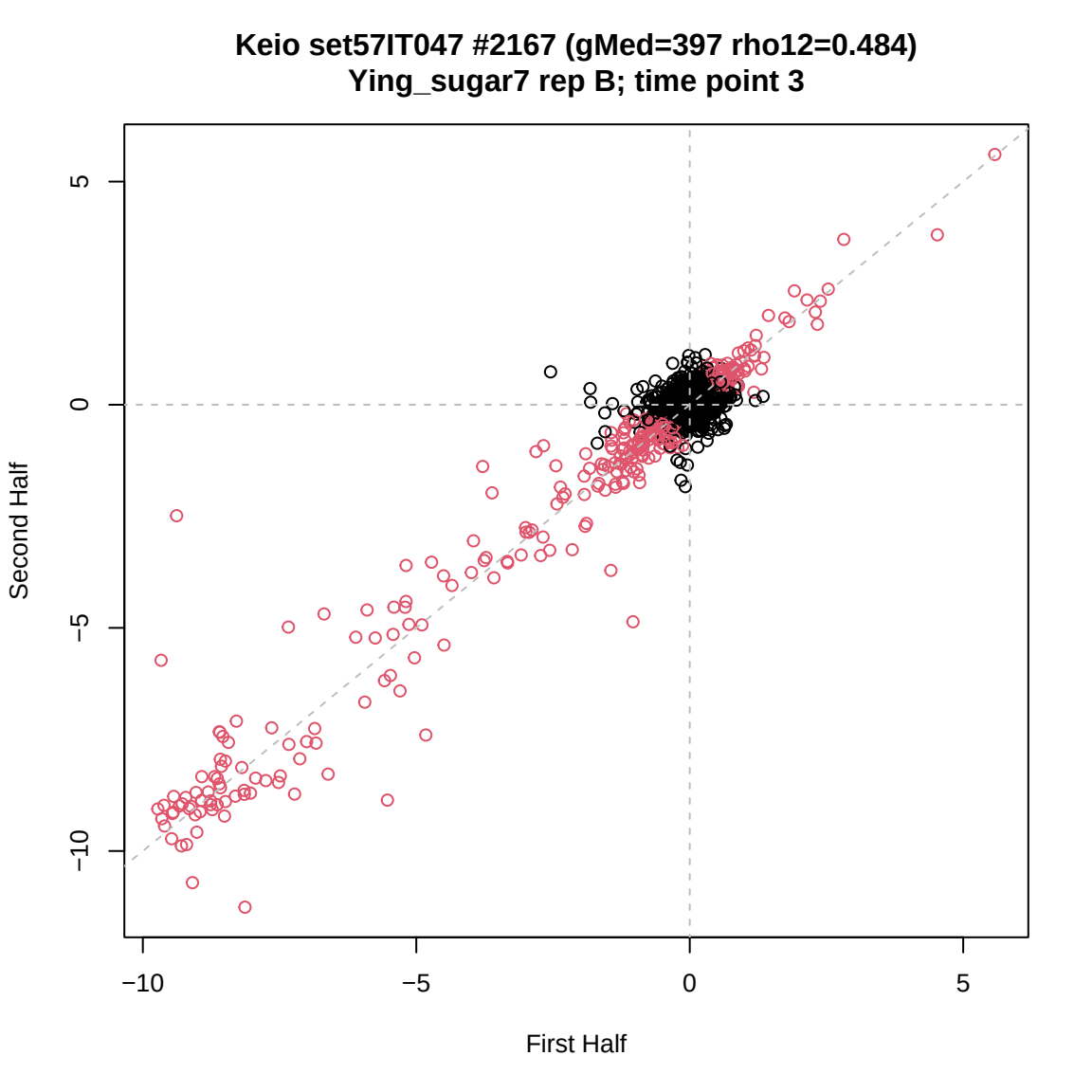

Keio set57IT042 #2162 (gMed=399 rho12=0.320)
Ying_AminoAcid20 rep C; time point 3
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

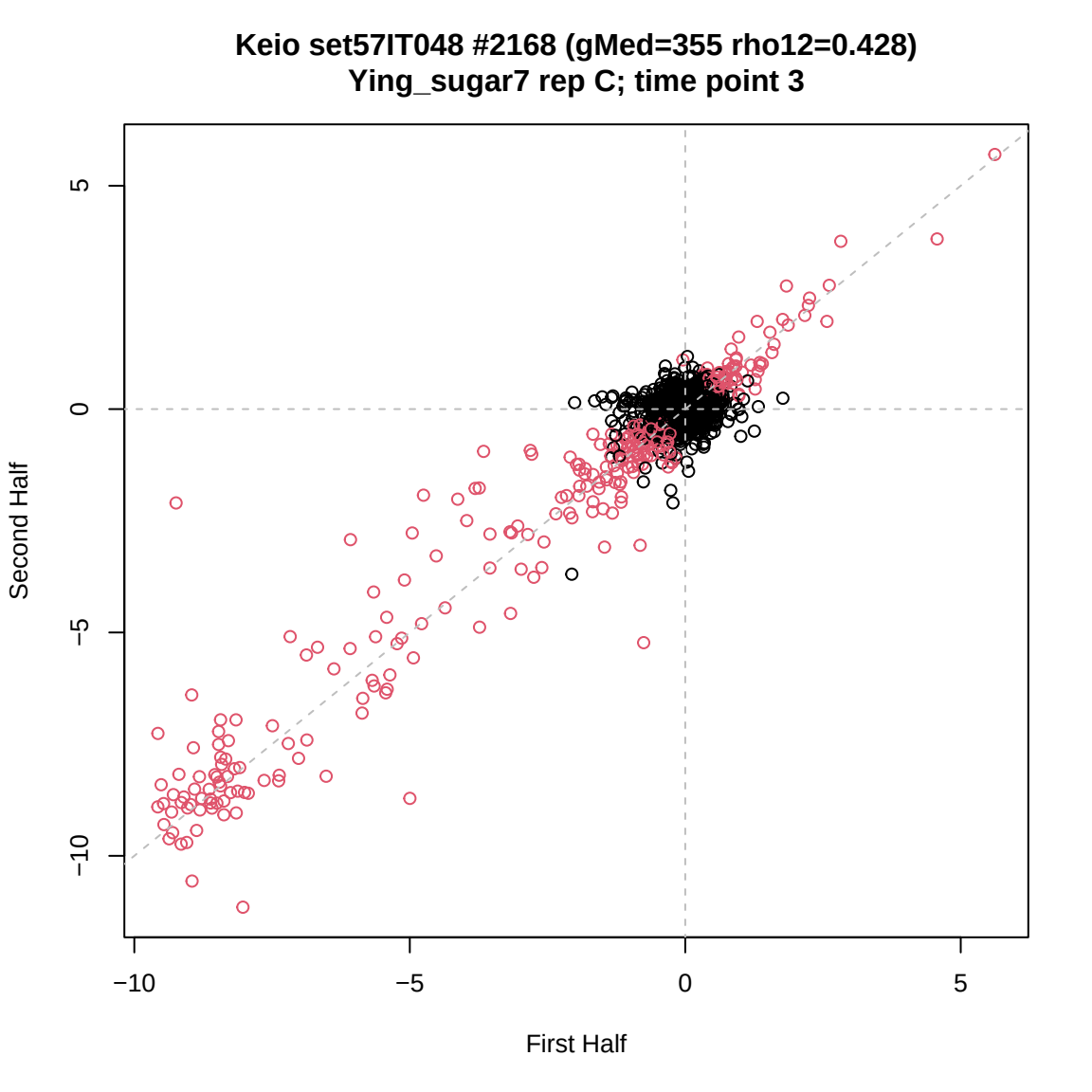

Keio set57IT043 #2163 (gMed=406 rho12=0.409)
Ying_OrganicAcid7 rep A; time point 3
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

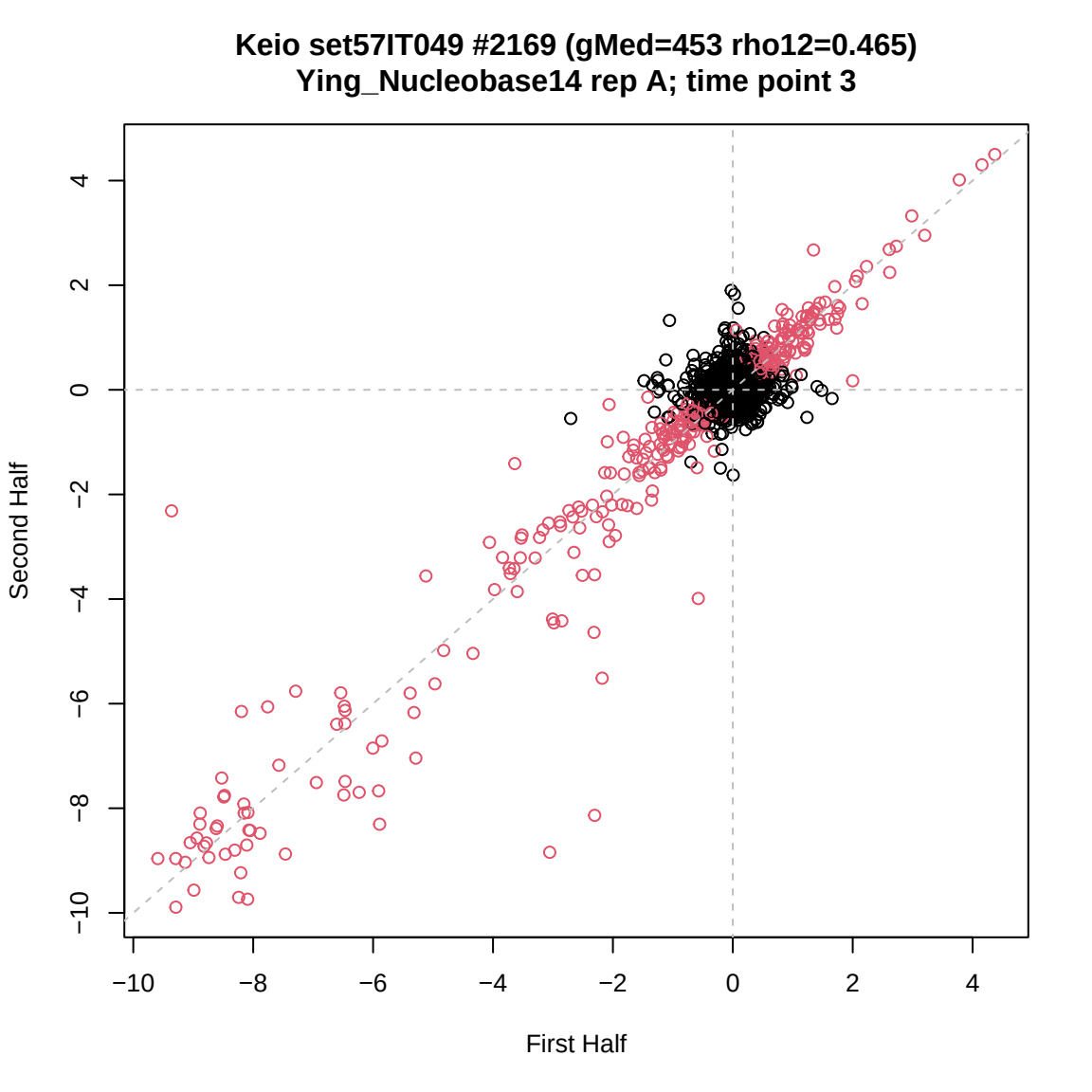

Keio set57IT044 #2164 (gMed=466 rho12=0.443)
Ying_OrganicAcid7 rep B; time point 3
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

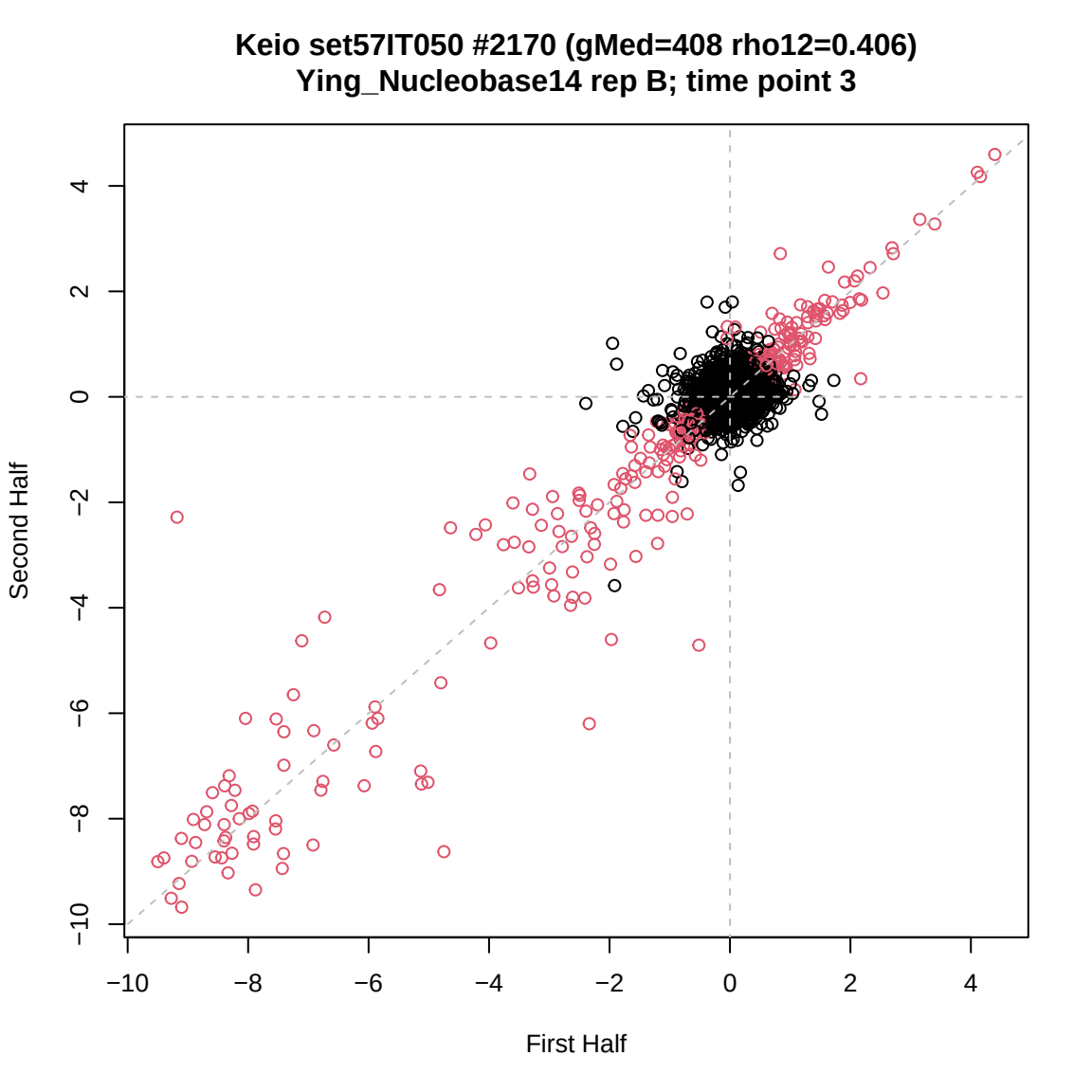

Keio set57IT045 #2165 (gMed=391 rho12=0.395)
Ying_OrganicAcid7 rep C; time point 3
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

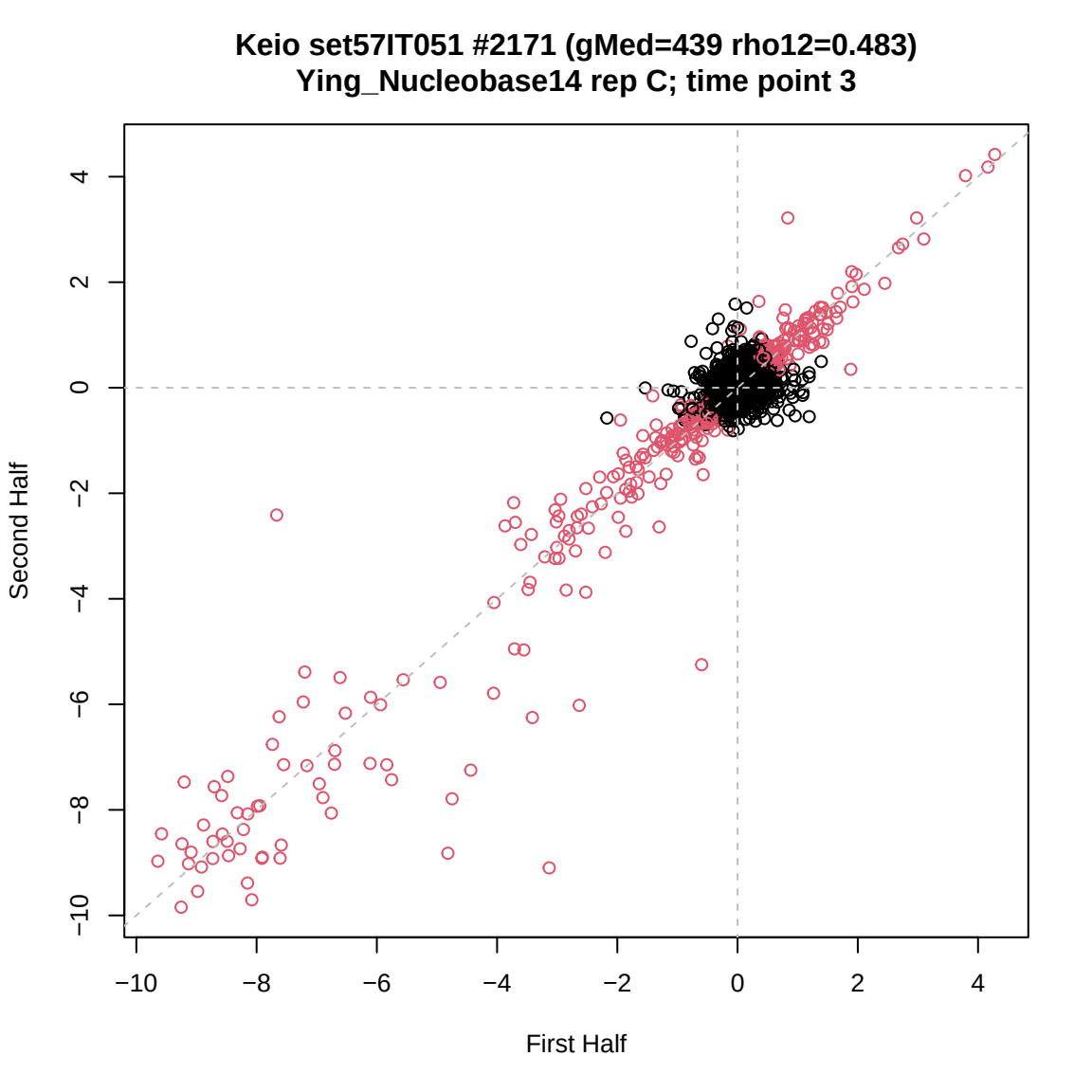

Keio set57IT046 #2166 (gMed=395 rho12=0.480)
Ying_sugar7 rep A; time point 3
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

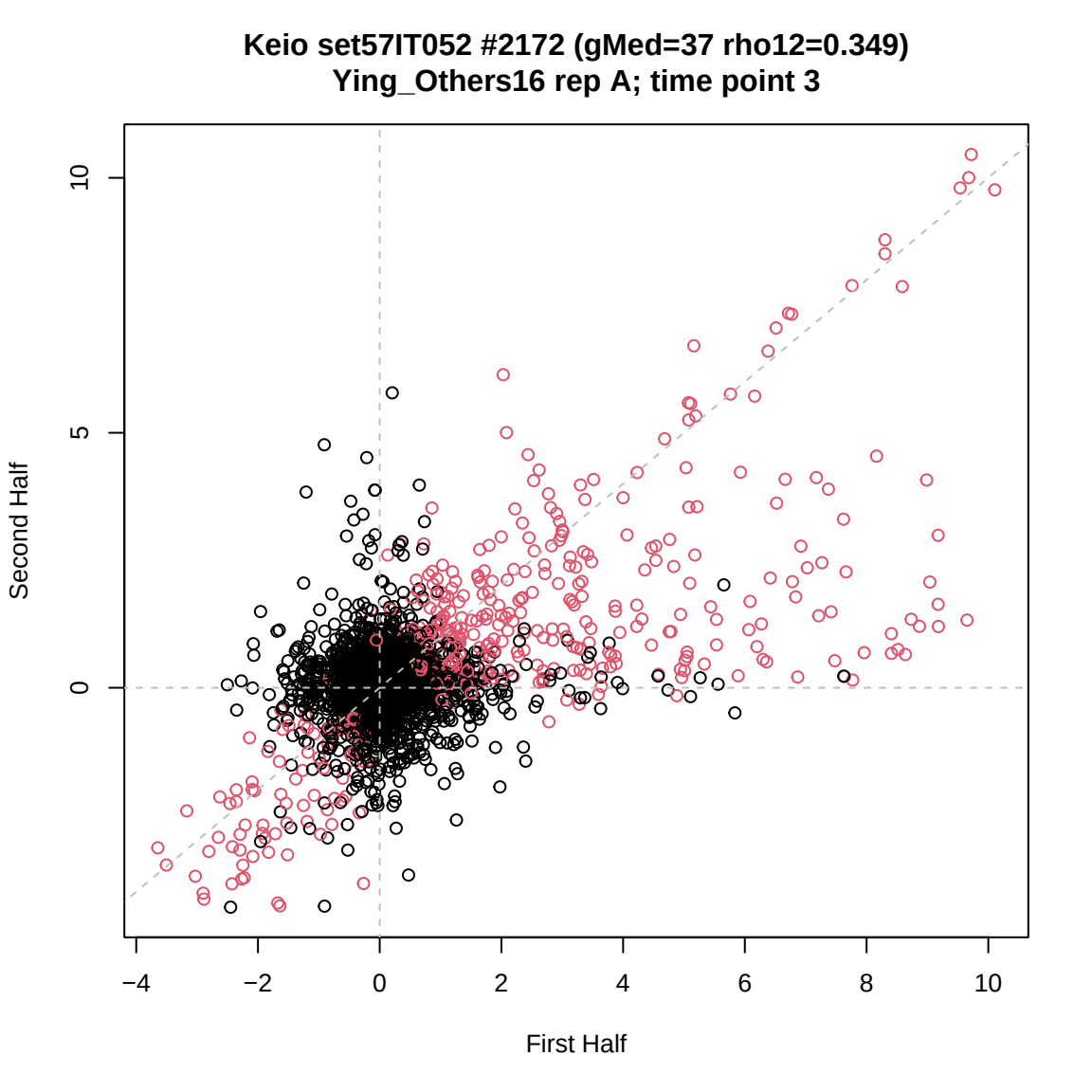

Keio set57IT047 #2167 (gMed=397 rho12=0.484)
Ying_sugar7 rep B; time point 3
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

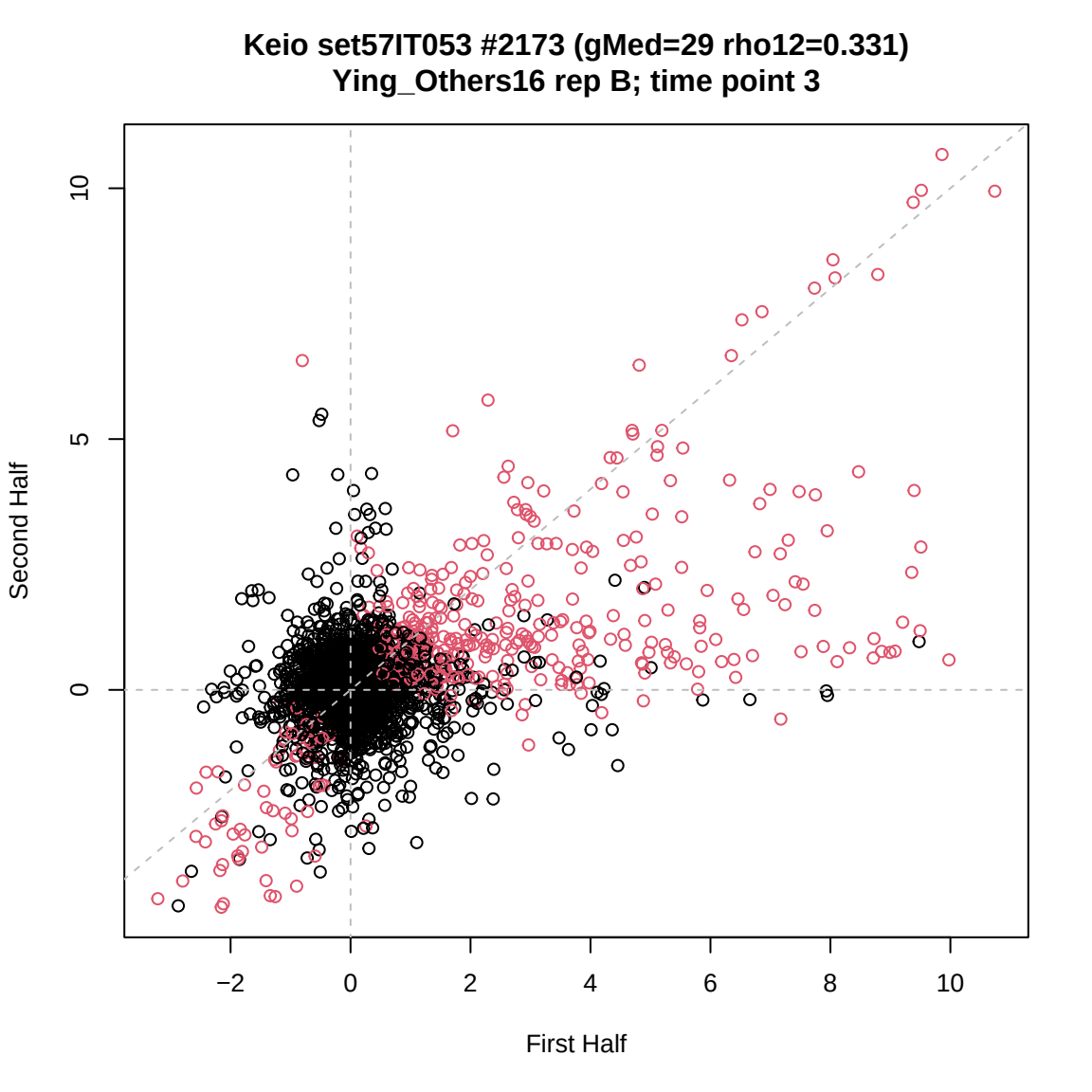

Keio set57IT048 #2168 (gMed=355 rho12=0.428)
Ying_sugar7 rep C; time point 3
Second Half
First Half
5
0
−5
−10
−10
−5
0
5

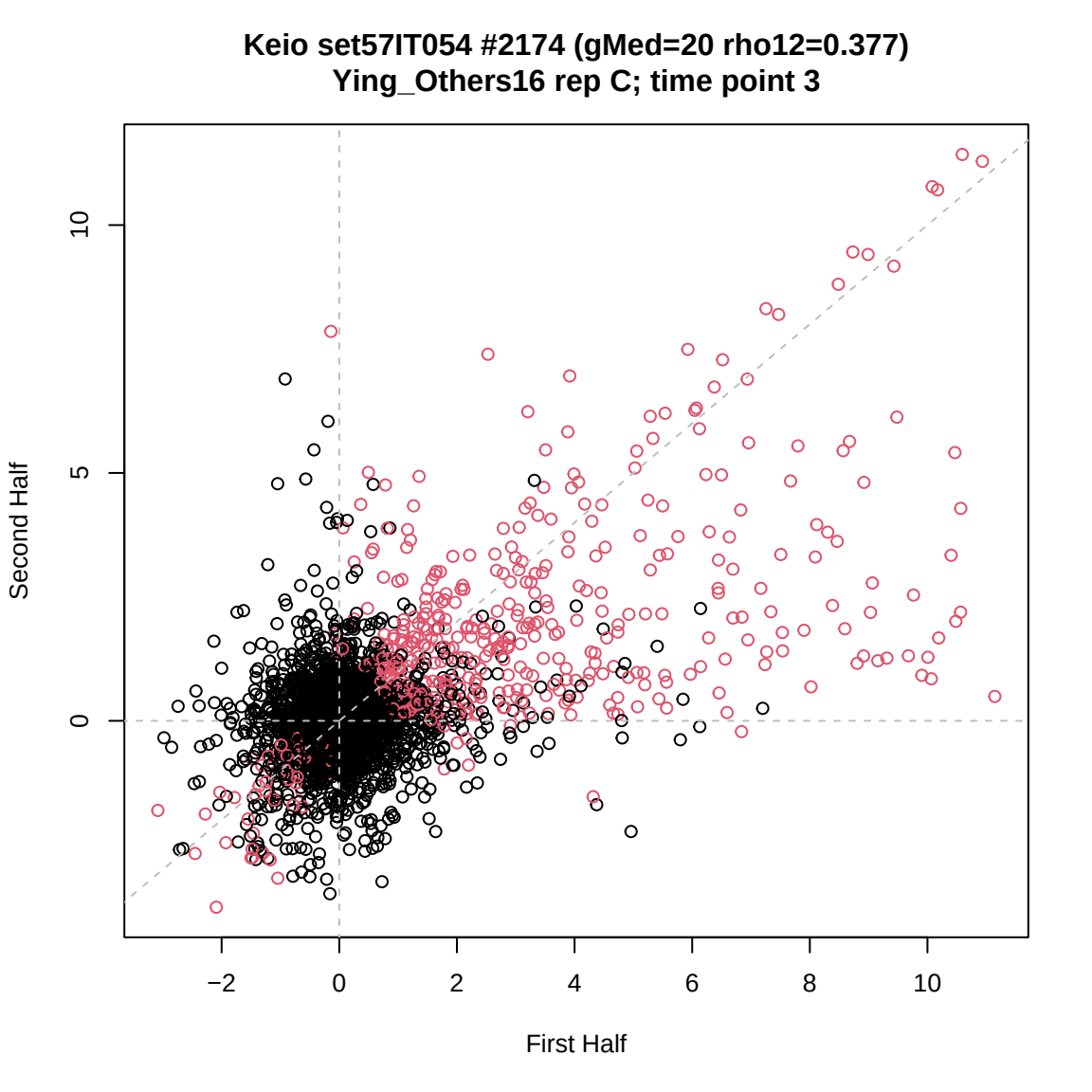

Keio set57IT049 #2169 (gMed=453 rho12=0.465)
Ying_Nucleobase14 rep A; time point 3
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2
4

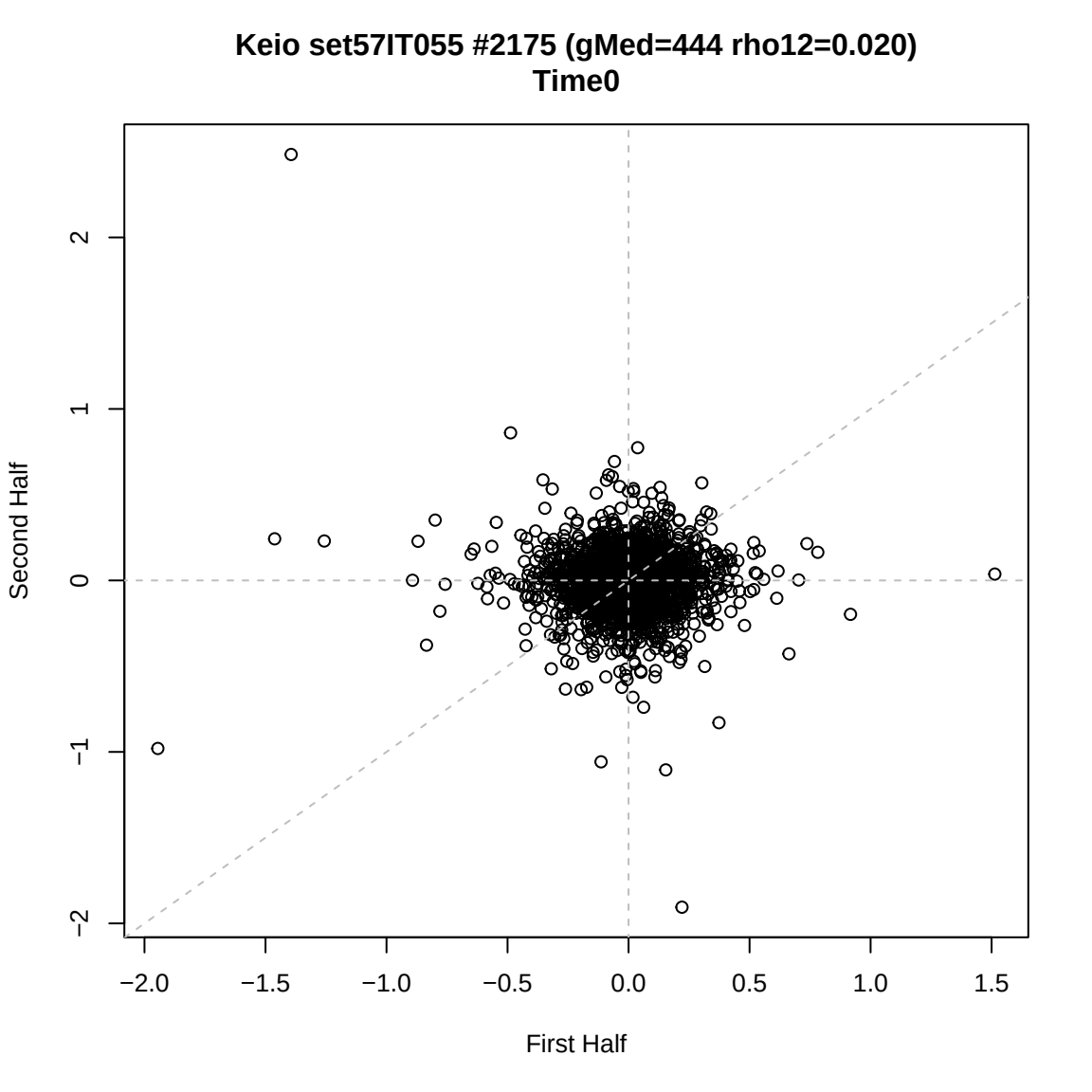

Keio set57IT050 #2170 (gMed=408 rho12=0.406)
Ying_Nucleobase14 rep B; time point 3
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2
4

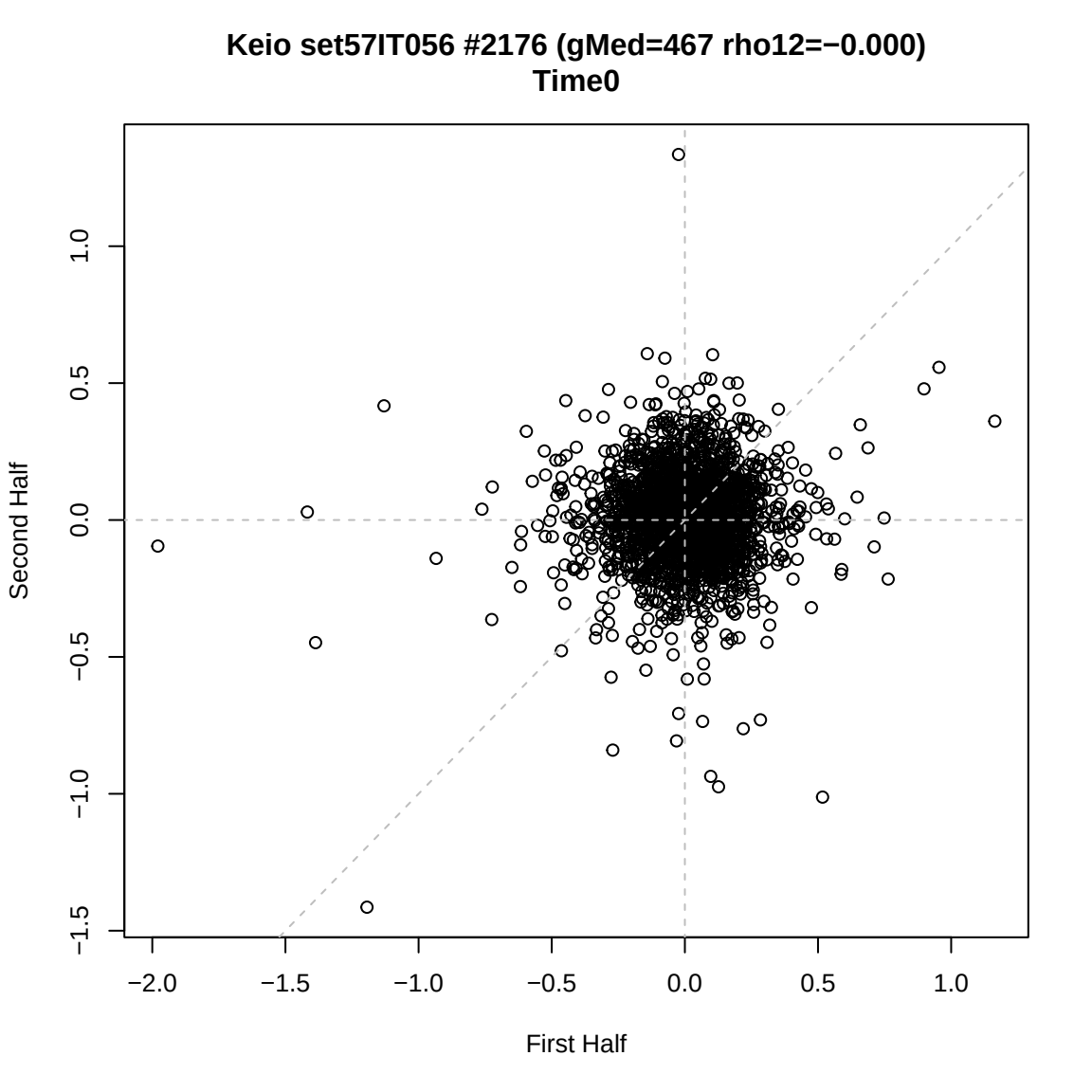

Keio set57IT051 #2171 (gMed=439 rho12=0.483)
Ying_Nucleobase14 rep C; time point 3
Second Half
First Half
4
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2
4

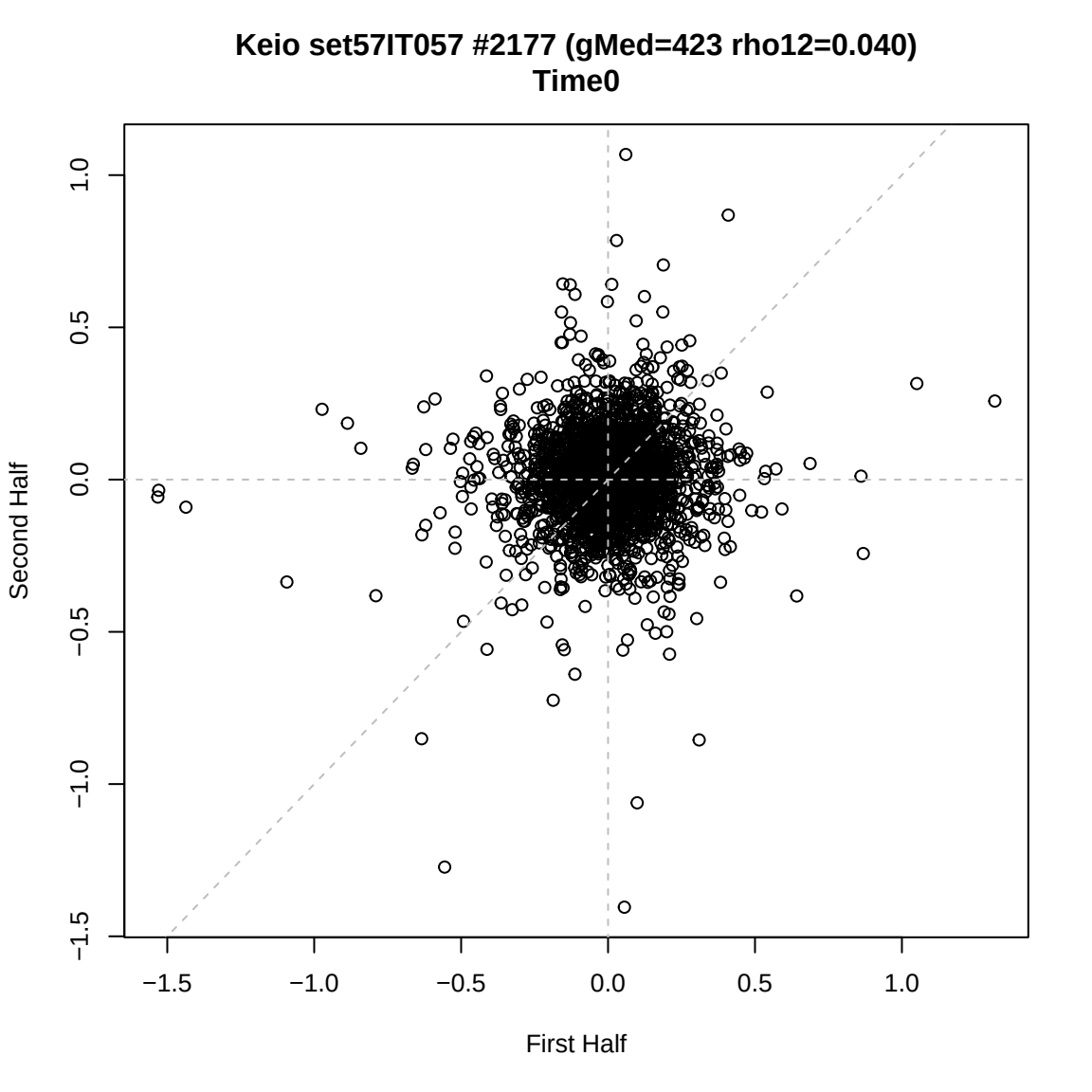

Keio set57IT052 #2172 (gMed=37 rho12=0.349)
Ying_Others16 rep A; time point 3
Second Half
First Half
10
5
0
−4
−2
0
2
4
6
8
10

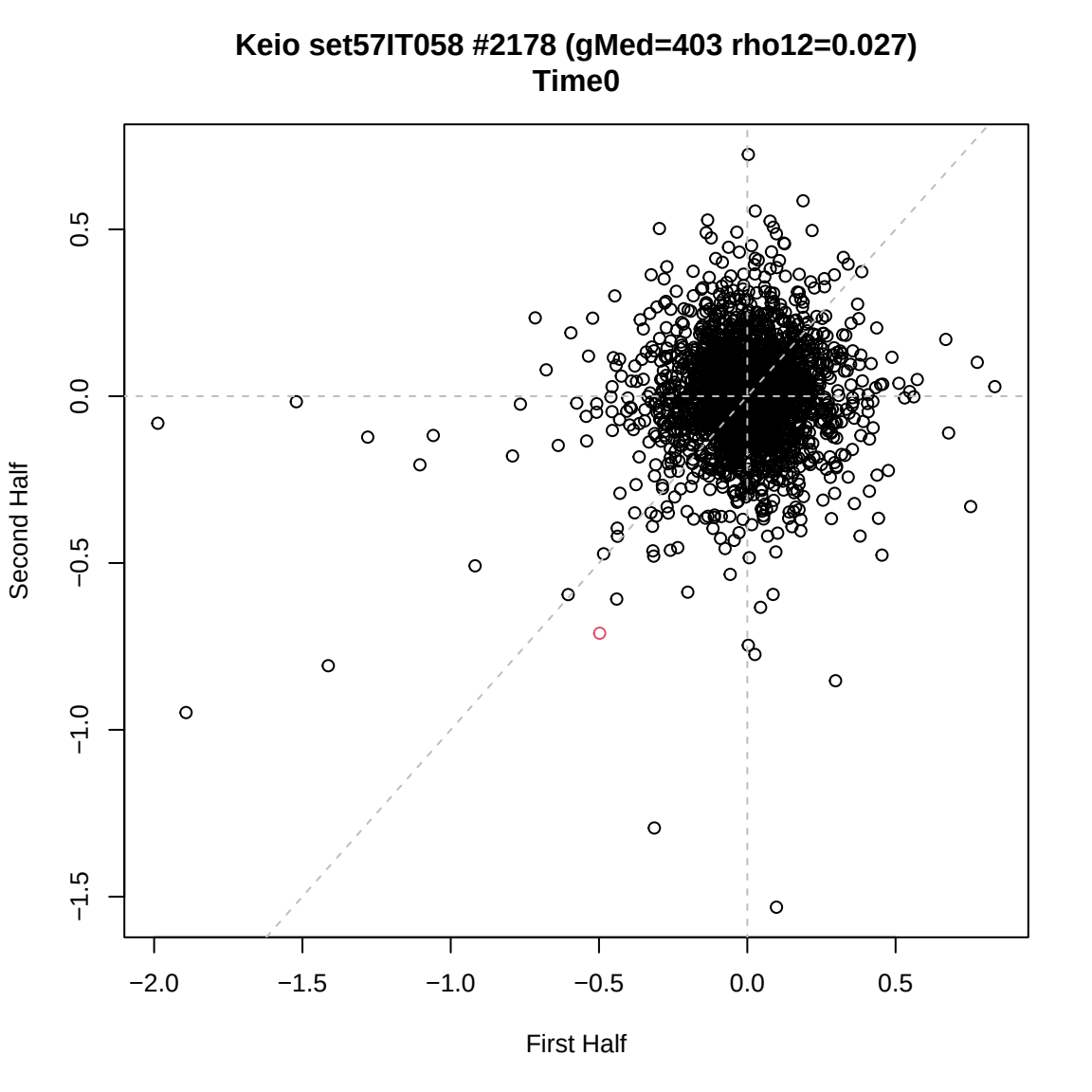

Keio set57IT053 #2173 (gMed=29 rho12=0.331)
Ying_Others16 rep B; time point 3
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

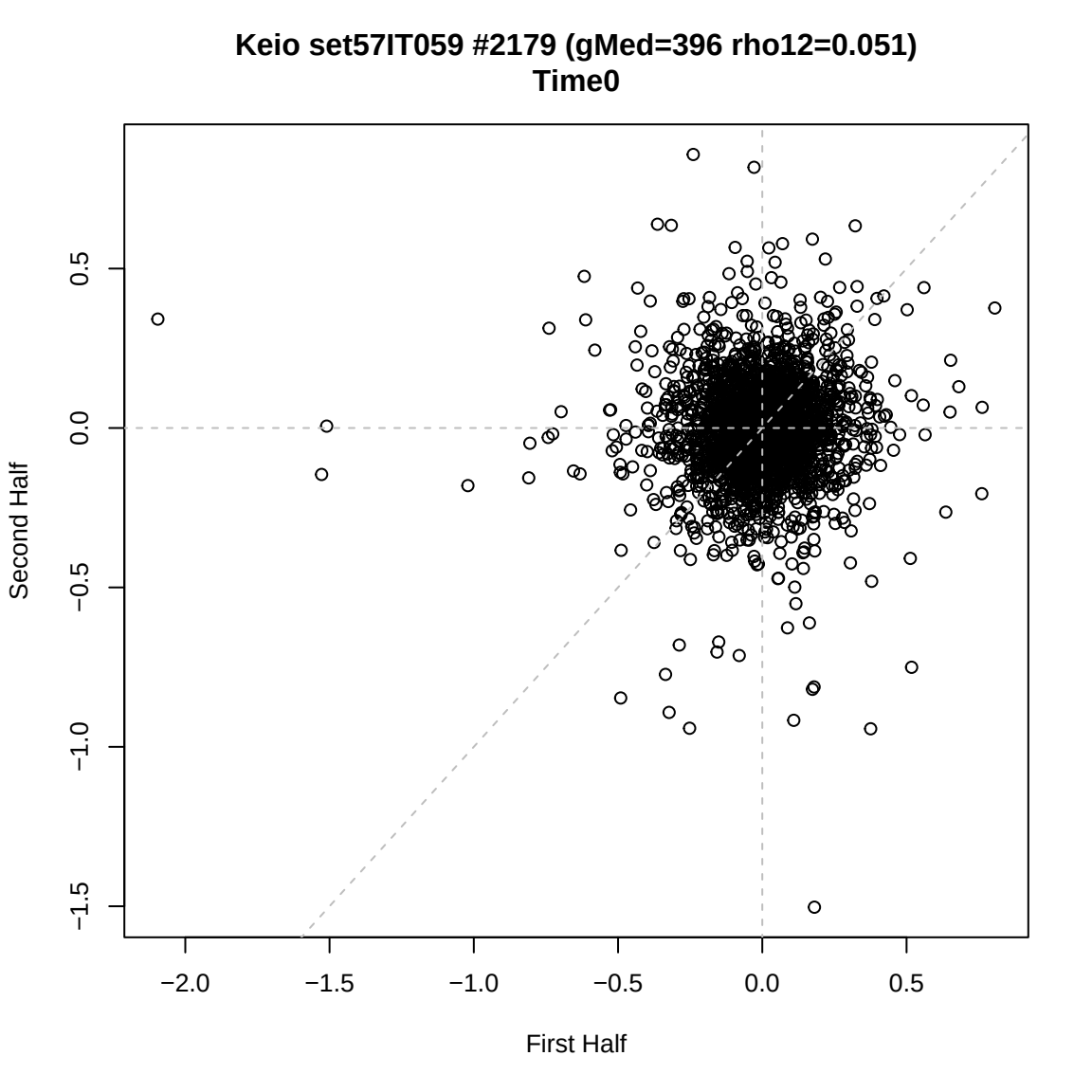

Keio set57IT054 #2174 (gMed=20 rho12=0.377)
Ying_Others16 rep C; time point 3
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

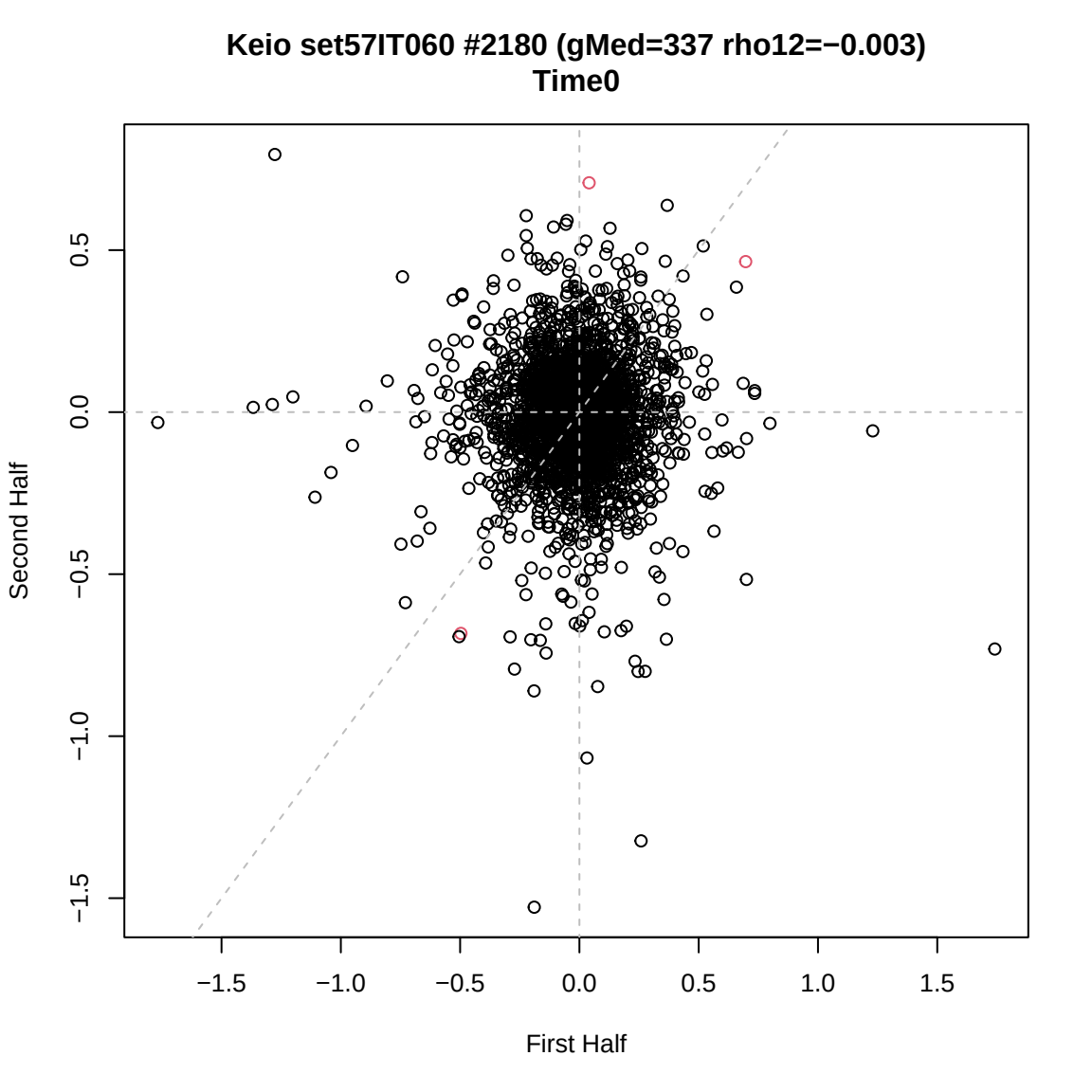

Keio set57IT055 #2175 (gMed=444 rho12=0.020)
Time0
Second Half
First Half
2
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

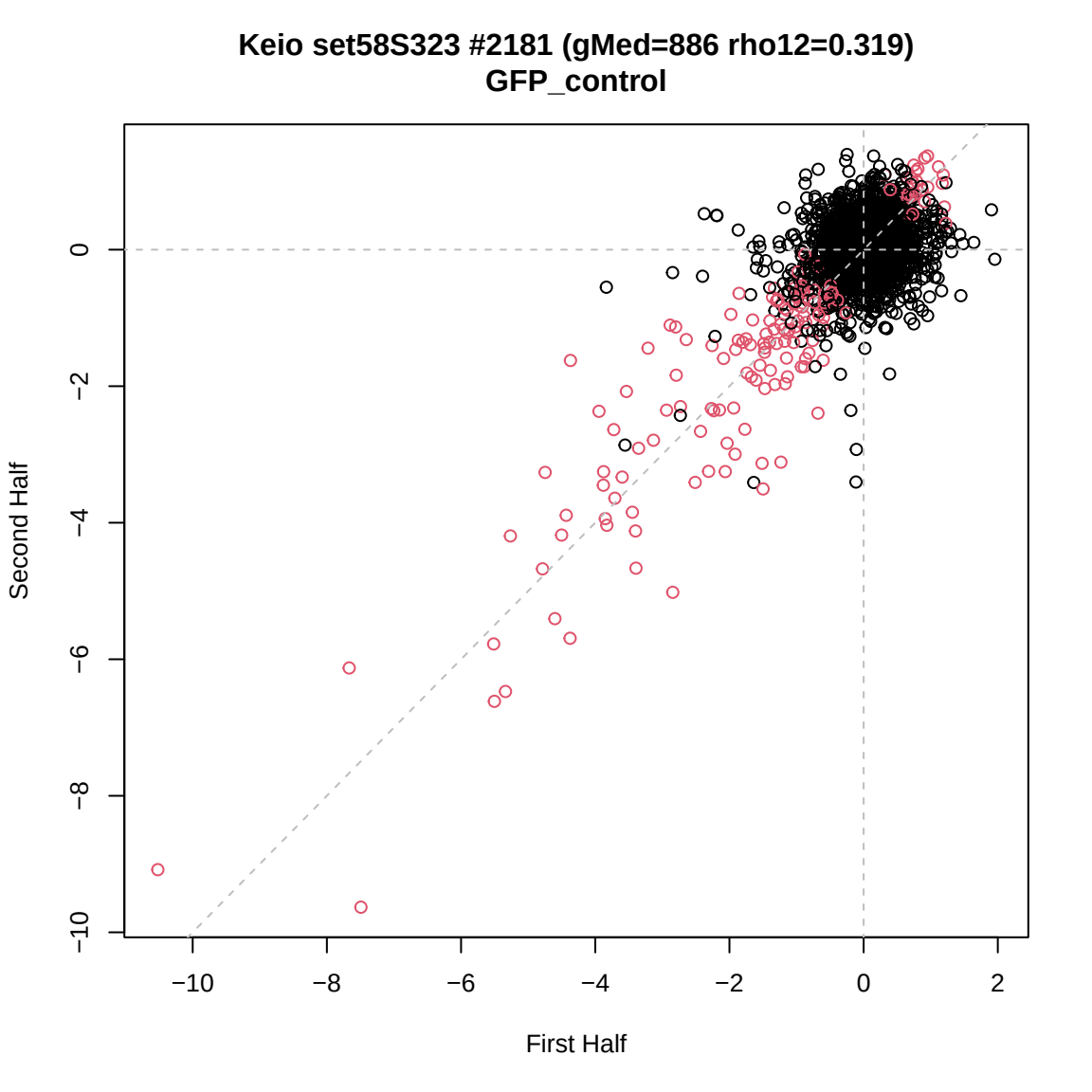

Keio set57IT056 #2176 (gMed=467 rho12=−0.000)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

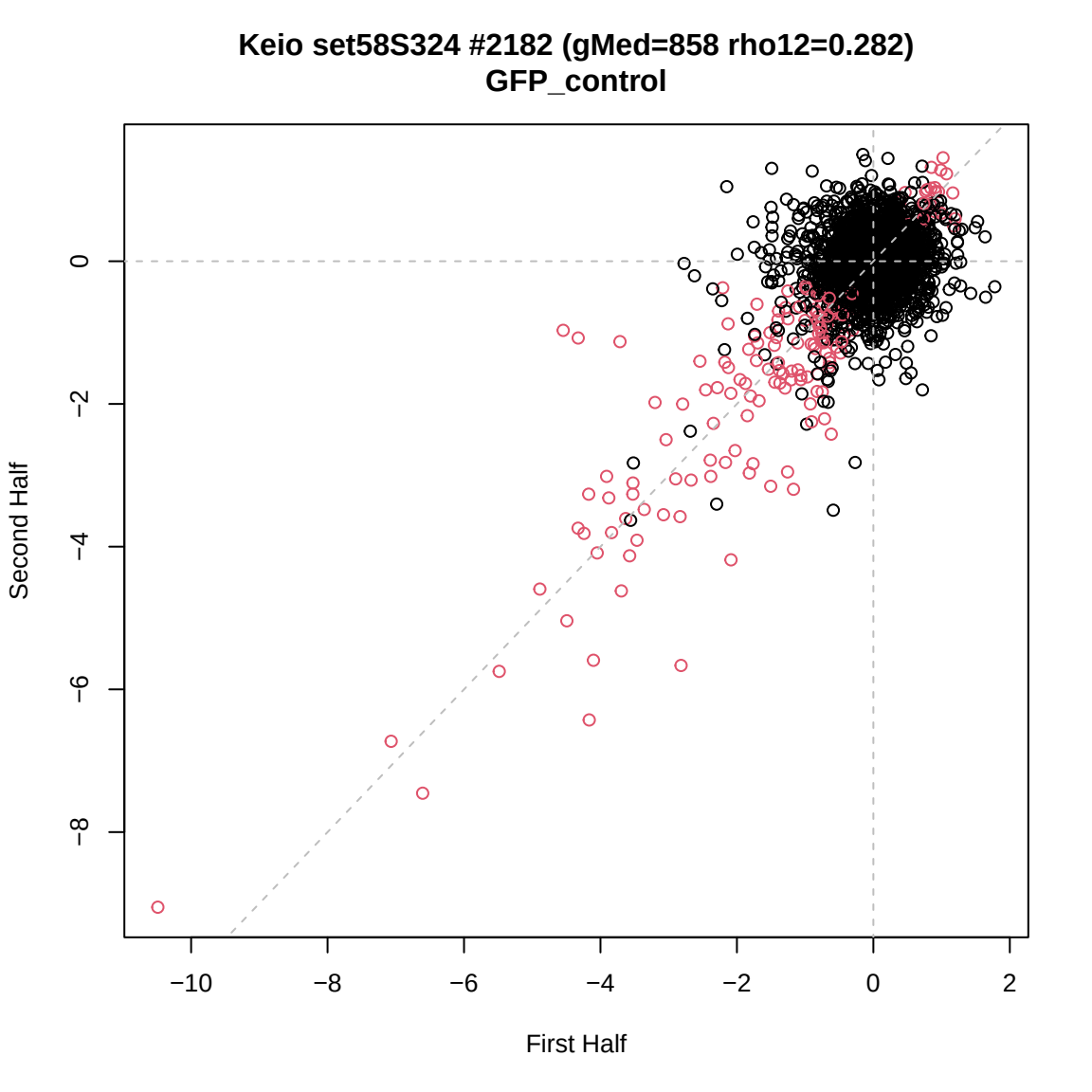

Keio set57IT057 #2177 (gMed=423 rho12=0.040)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

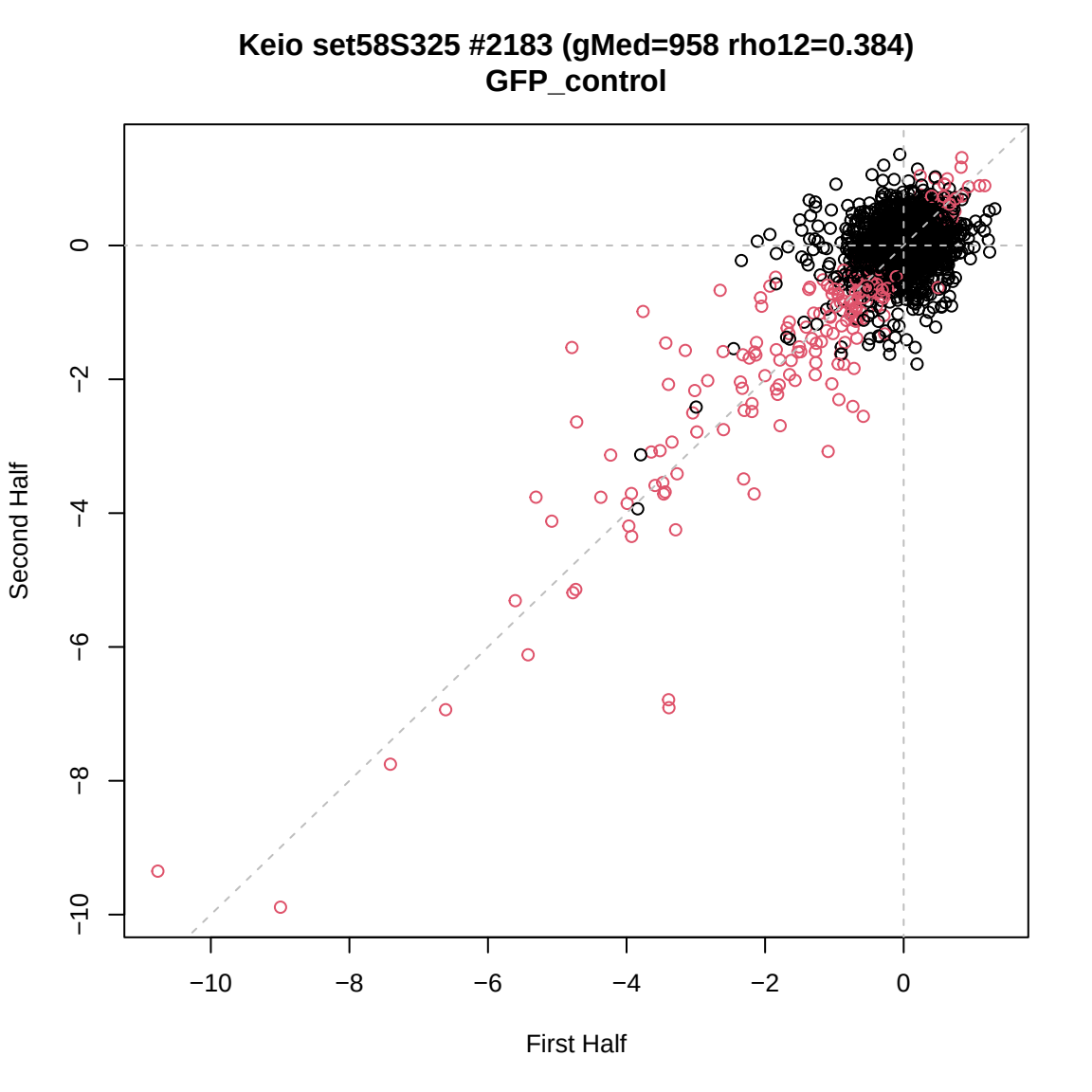

Keio set57IT058 #2178 (gMed=403 rho12=0.027)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

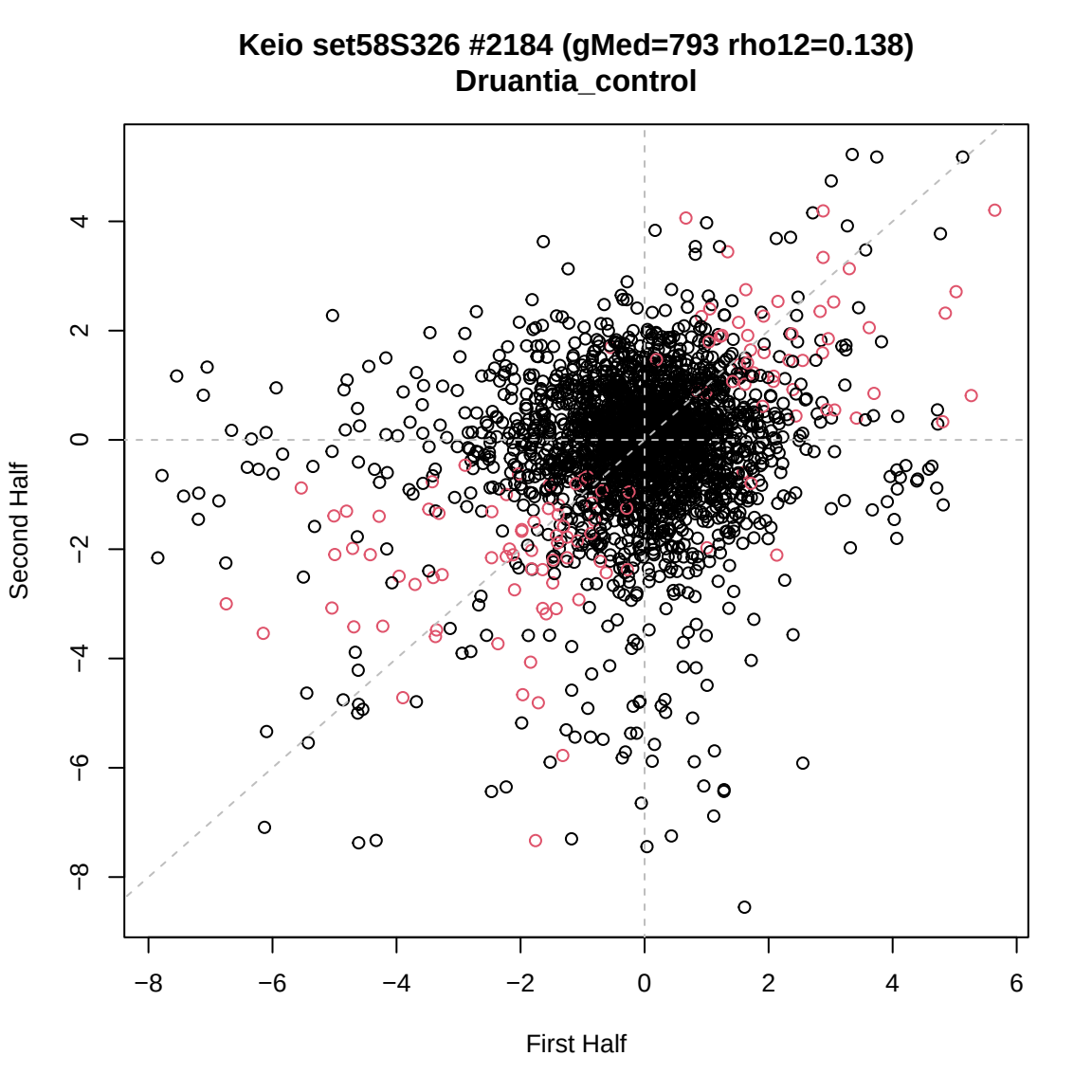

Keio set57IT059 #2179 (gMed=396 rho12=0.051)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

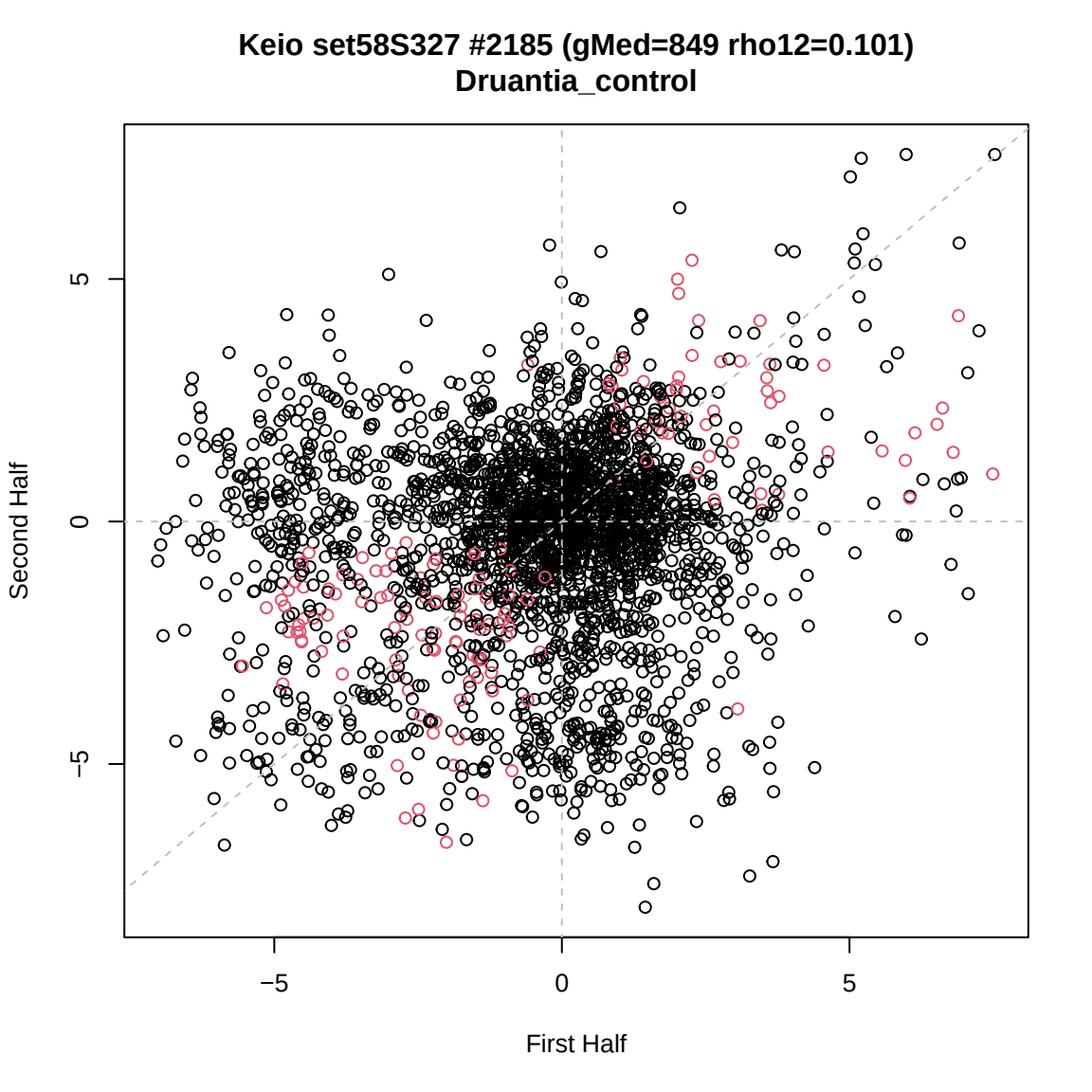

Keio set57IT060 #2180 (gMed=337 rho12=−0.003)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

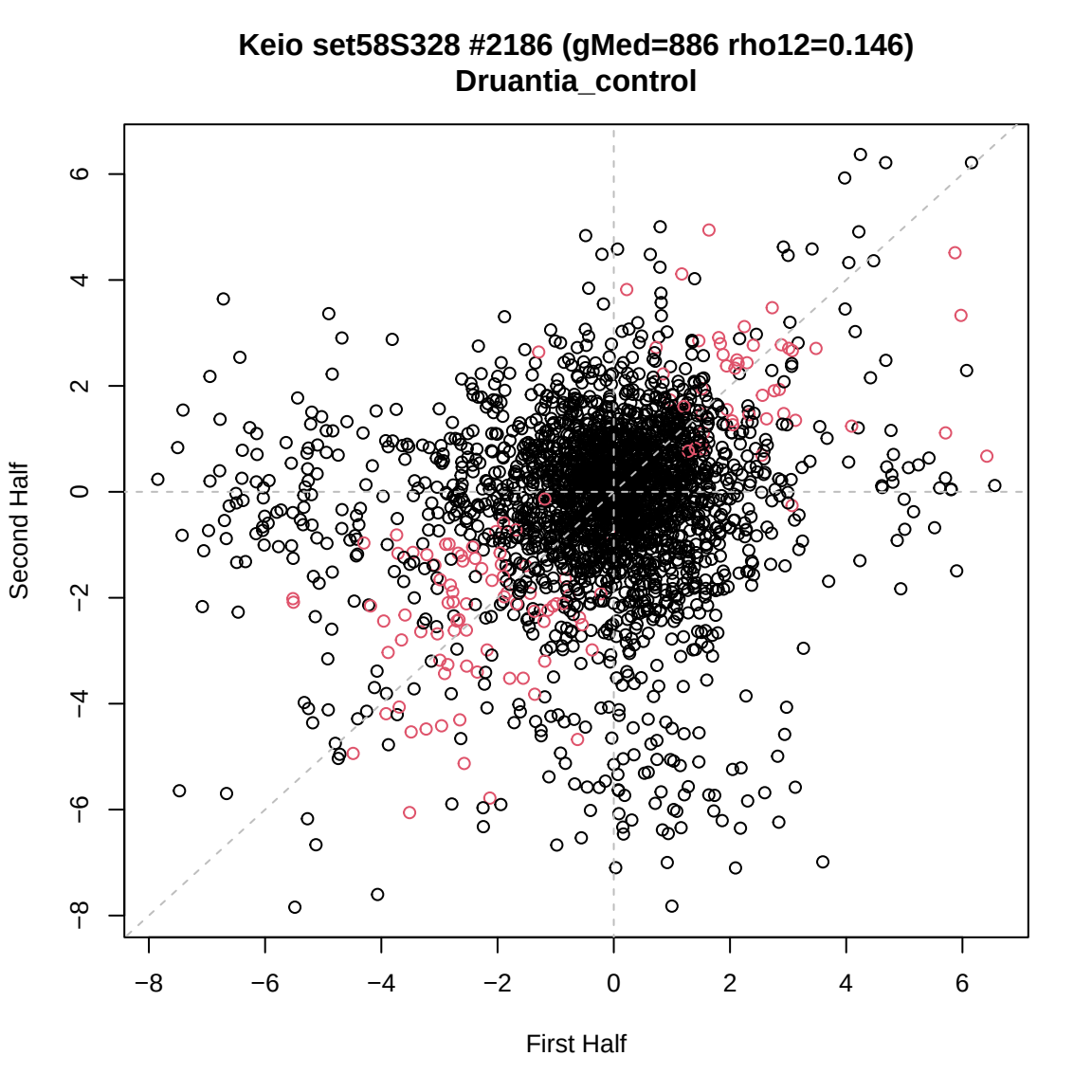

Keio set58S323 #2181 (gMed=886 rho12=0.319)
GFP_control
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

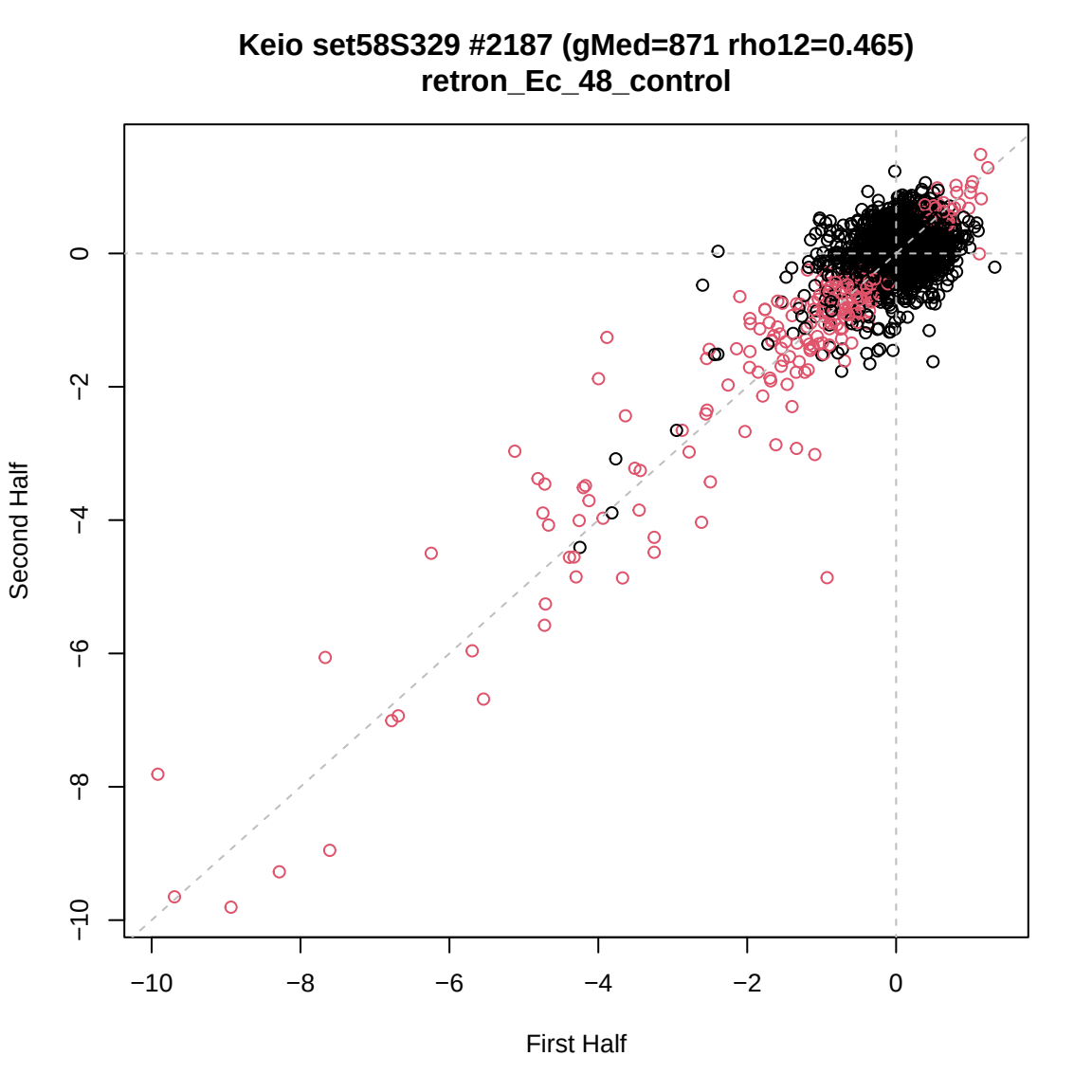

Keio set58S324 #2182 (gMed=858 rho12=0.282)
GFP_control
Second Half
First Half
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

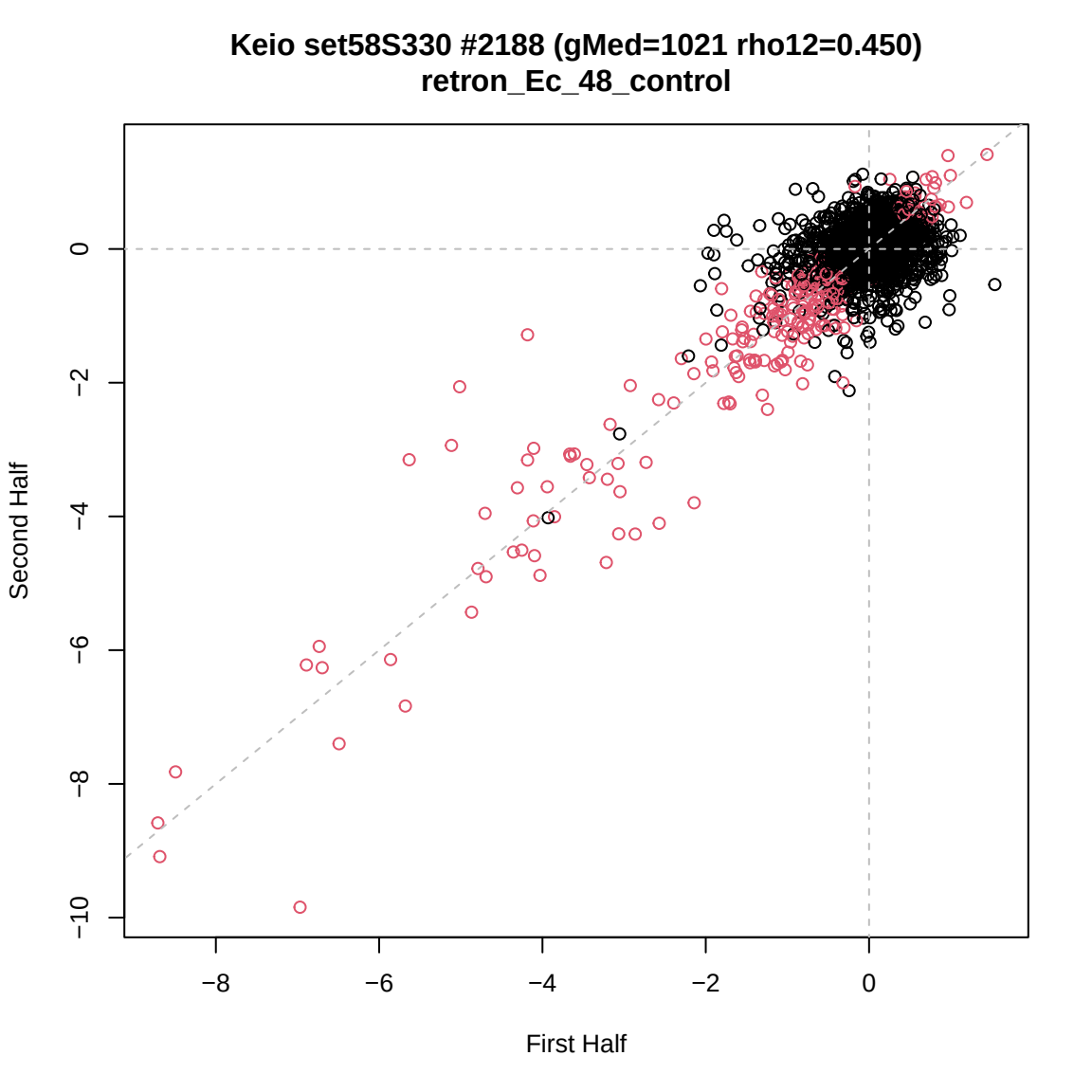

Keio set58S325 #2183 (gMed=958 rho12=0.384)
GFP_control
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0

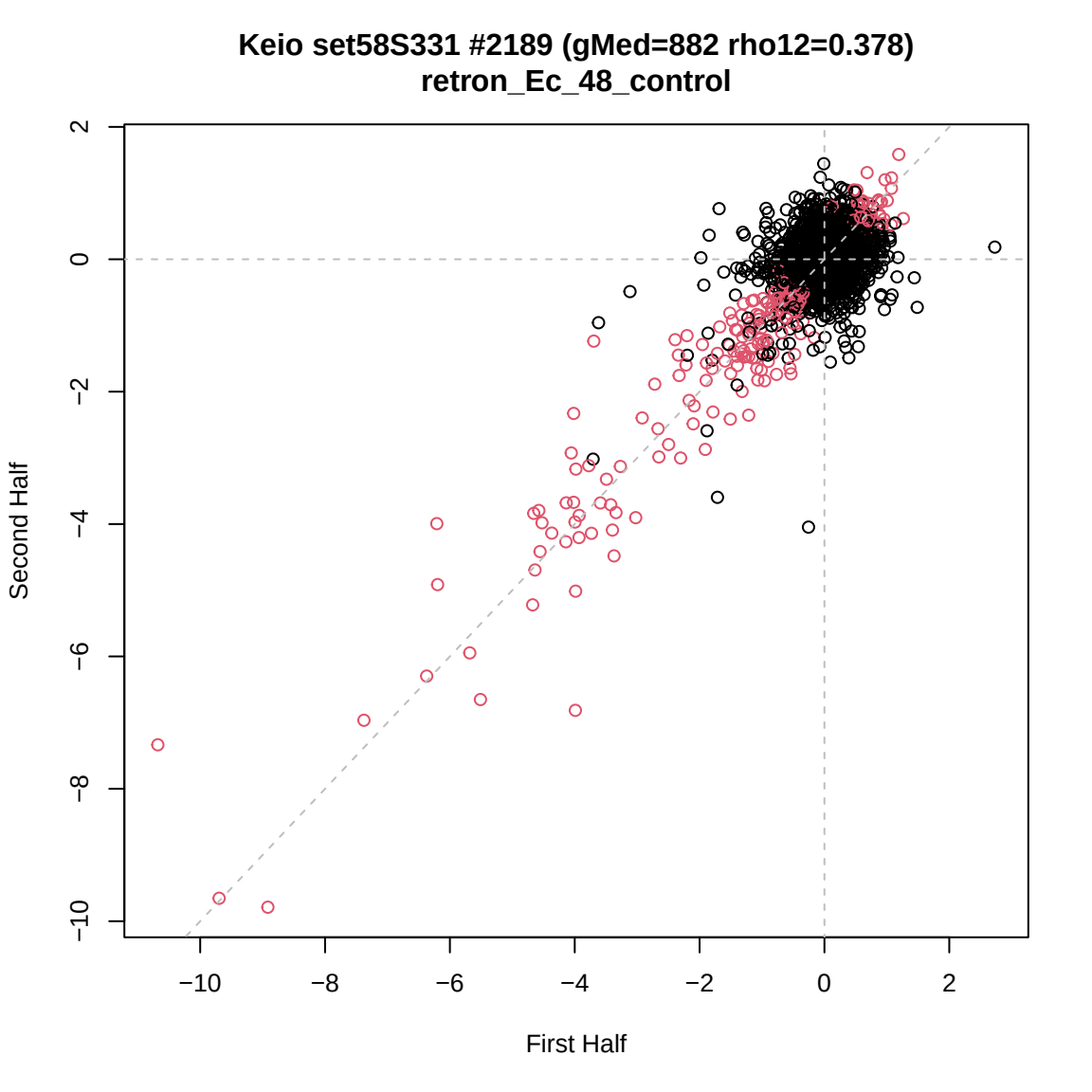

Keio set58S326 #2184 (gMed=793 rho12=0.138)
Druantia_control
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4
6

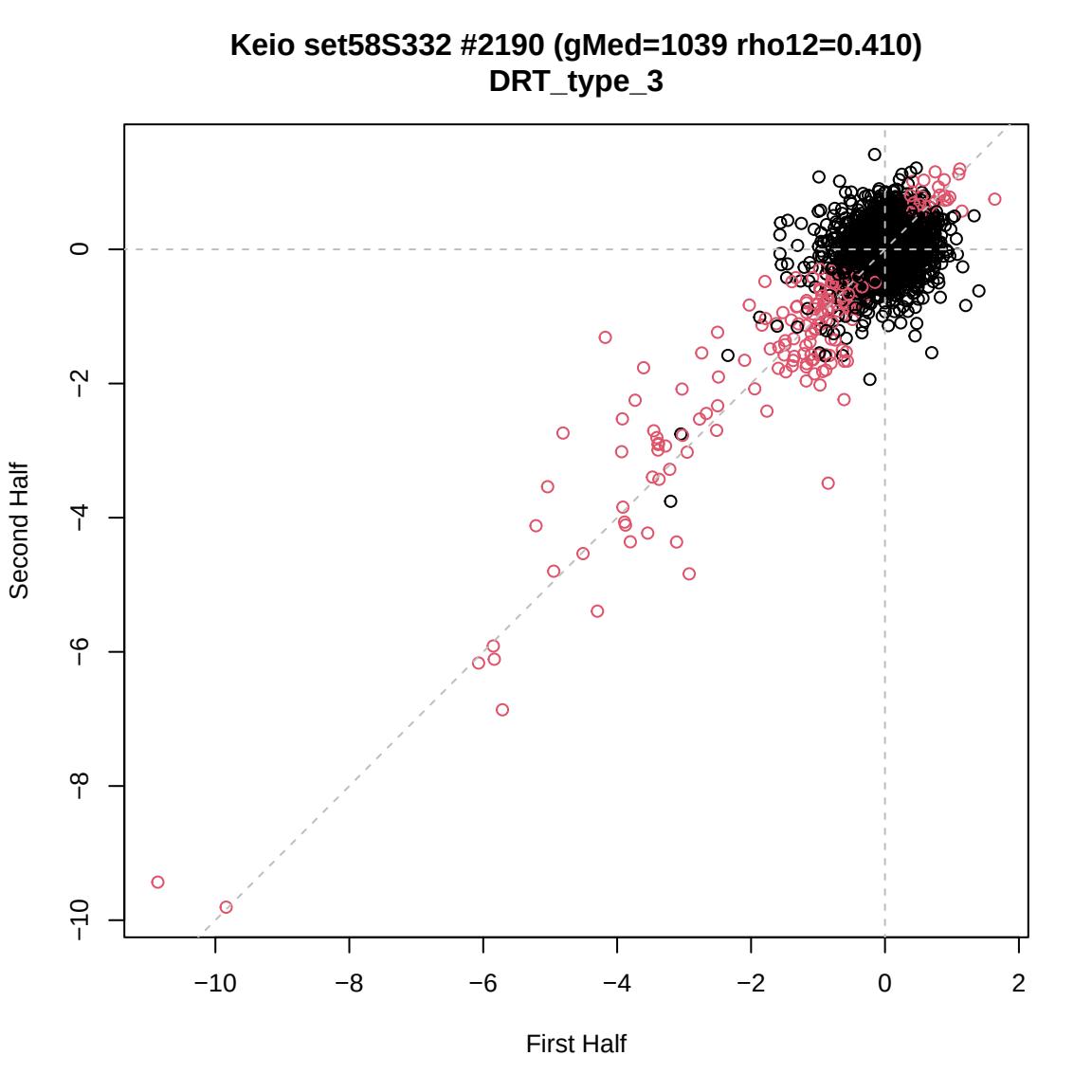

Keio set58S327 #2185 (gMed=849 rho12=0.101)
Druantia_control
Second Half
First Half
5
0
−5
−5
0
5

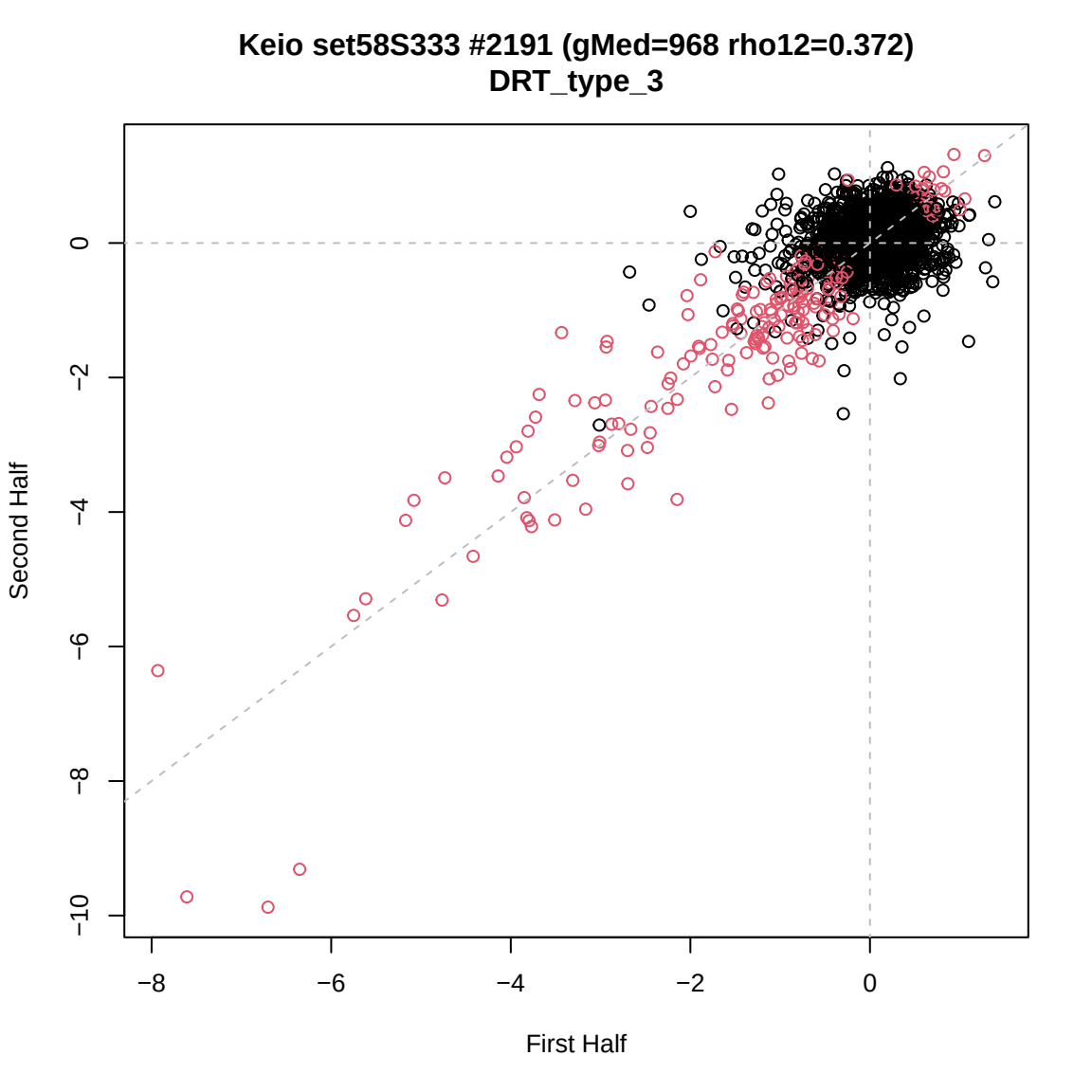

Keio set58S328 #2186 (gMed=886 rho12=0.146)
Druantia_control
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4
6

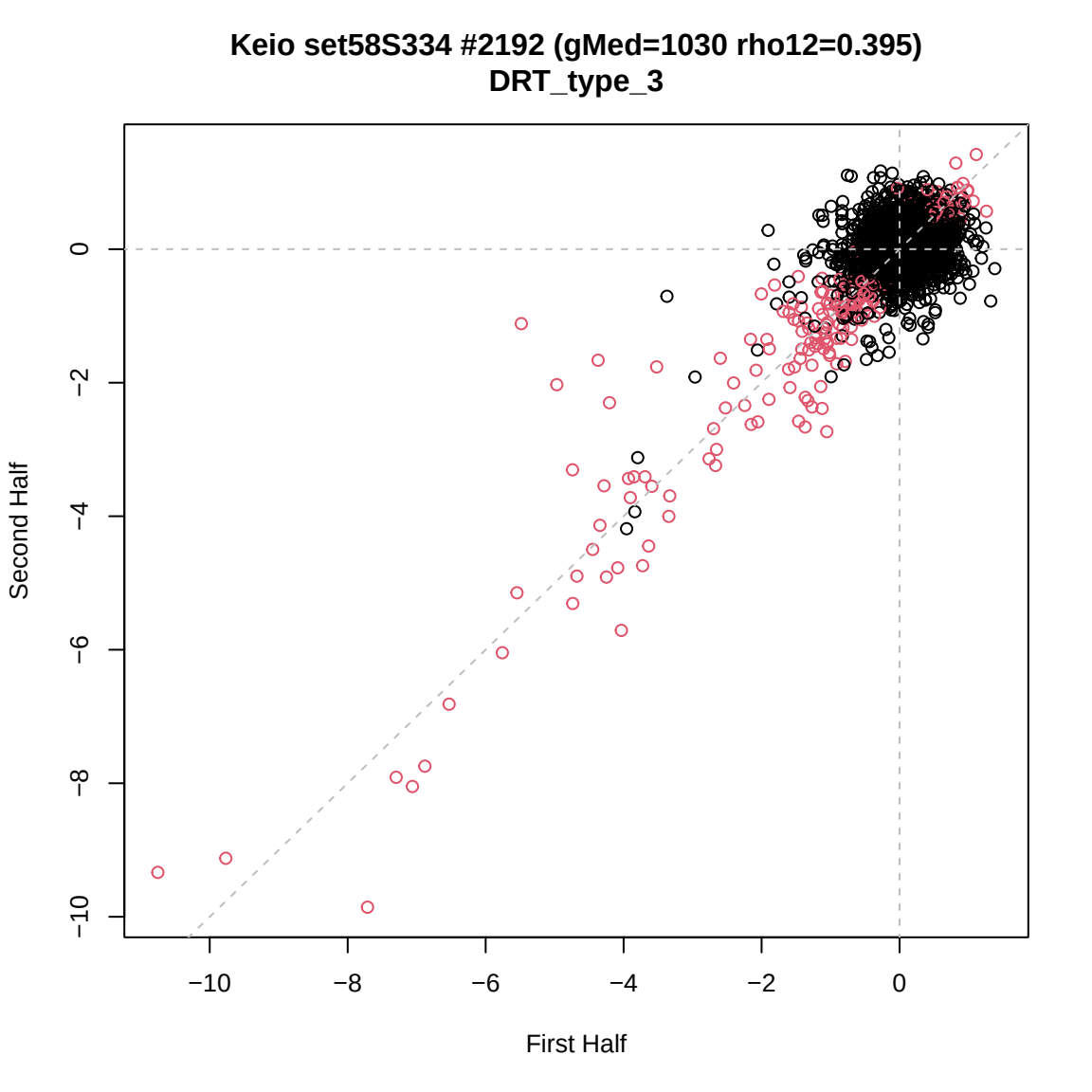

Keio set58S329 #2187 (gMed=871 rho12=0.465)
retron_Ec_48_control
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0

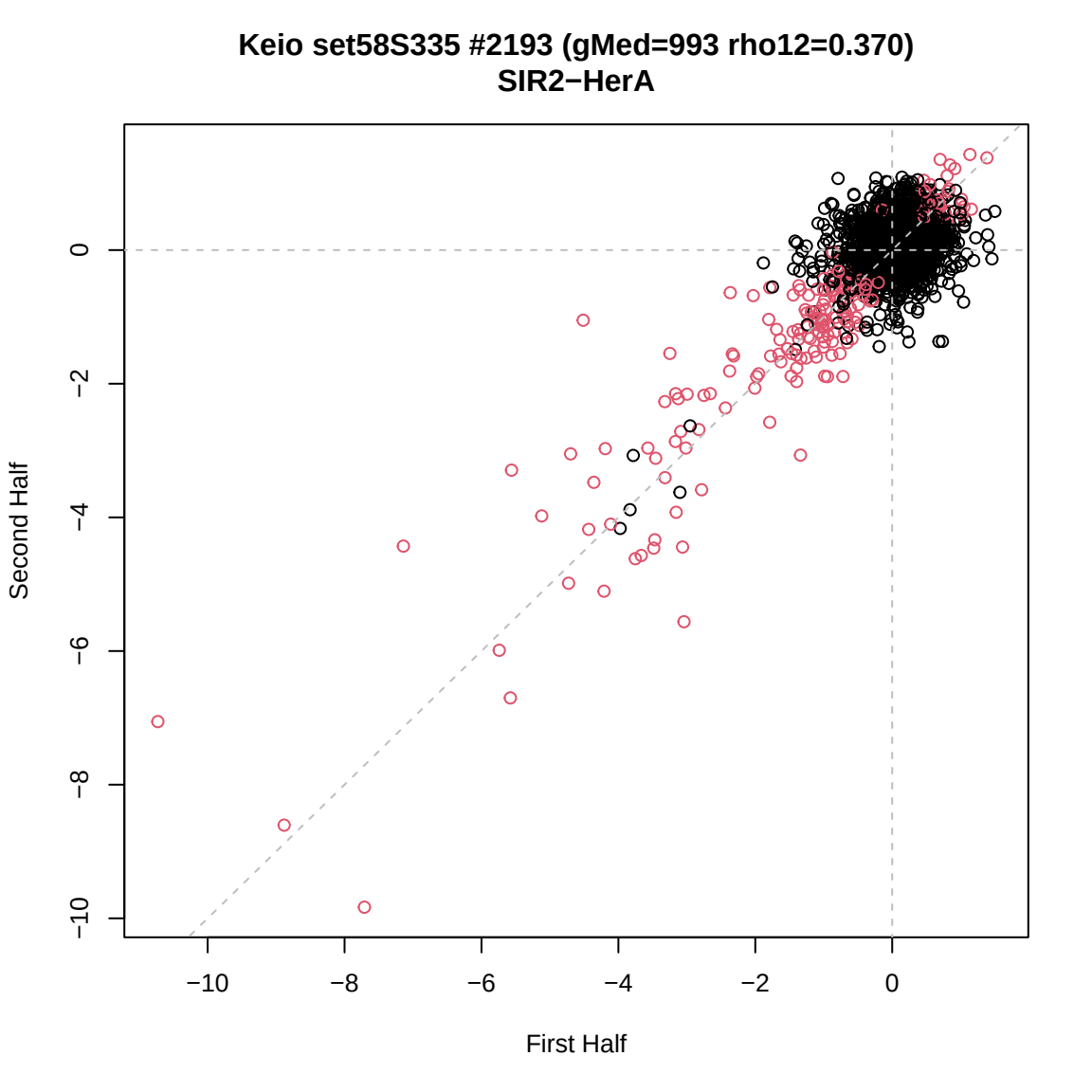

Keio set58S330 #2188 (gMed=1021 rho12=0.450)
retron_Ec_48_control
Second Half
First Half
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0

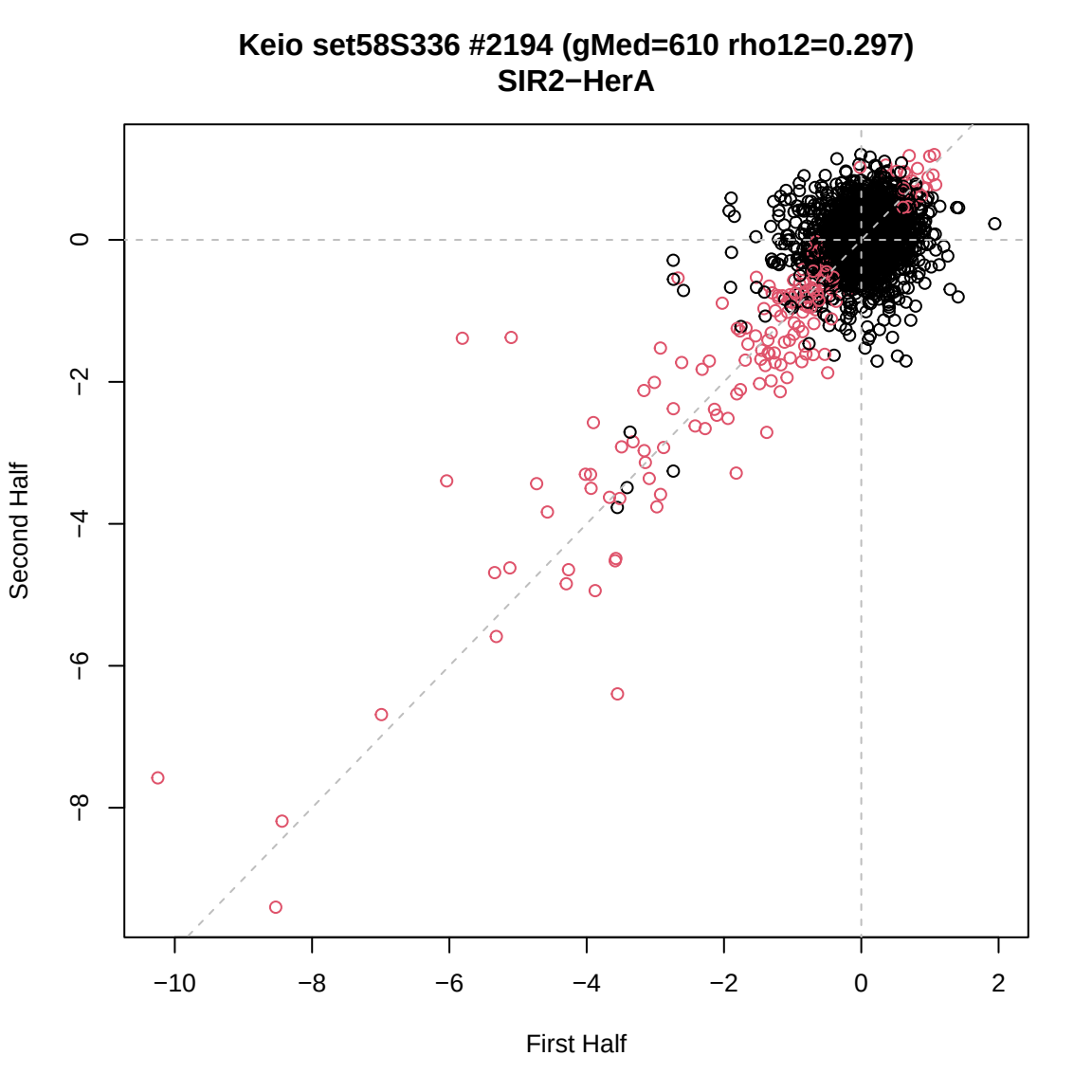

Keio set58S331 #2189 (gMed=882 rho12=0.378)
retron_Ec_48_control
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

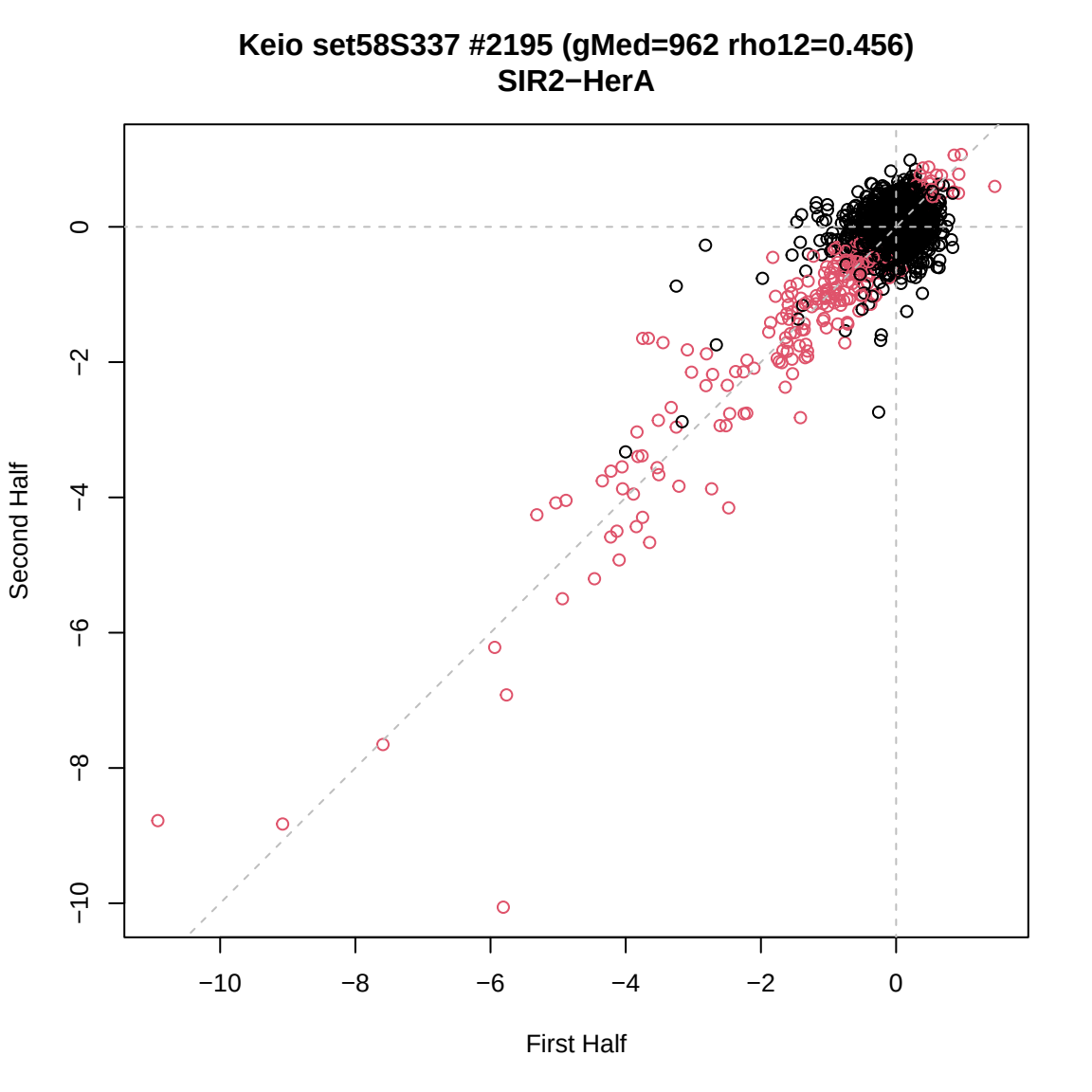

Keio set58S332 #2190 (gMed=1039 rho12=0.410)
DRT_type_3
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

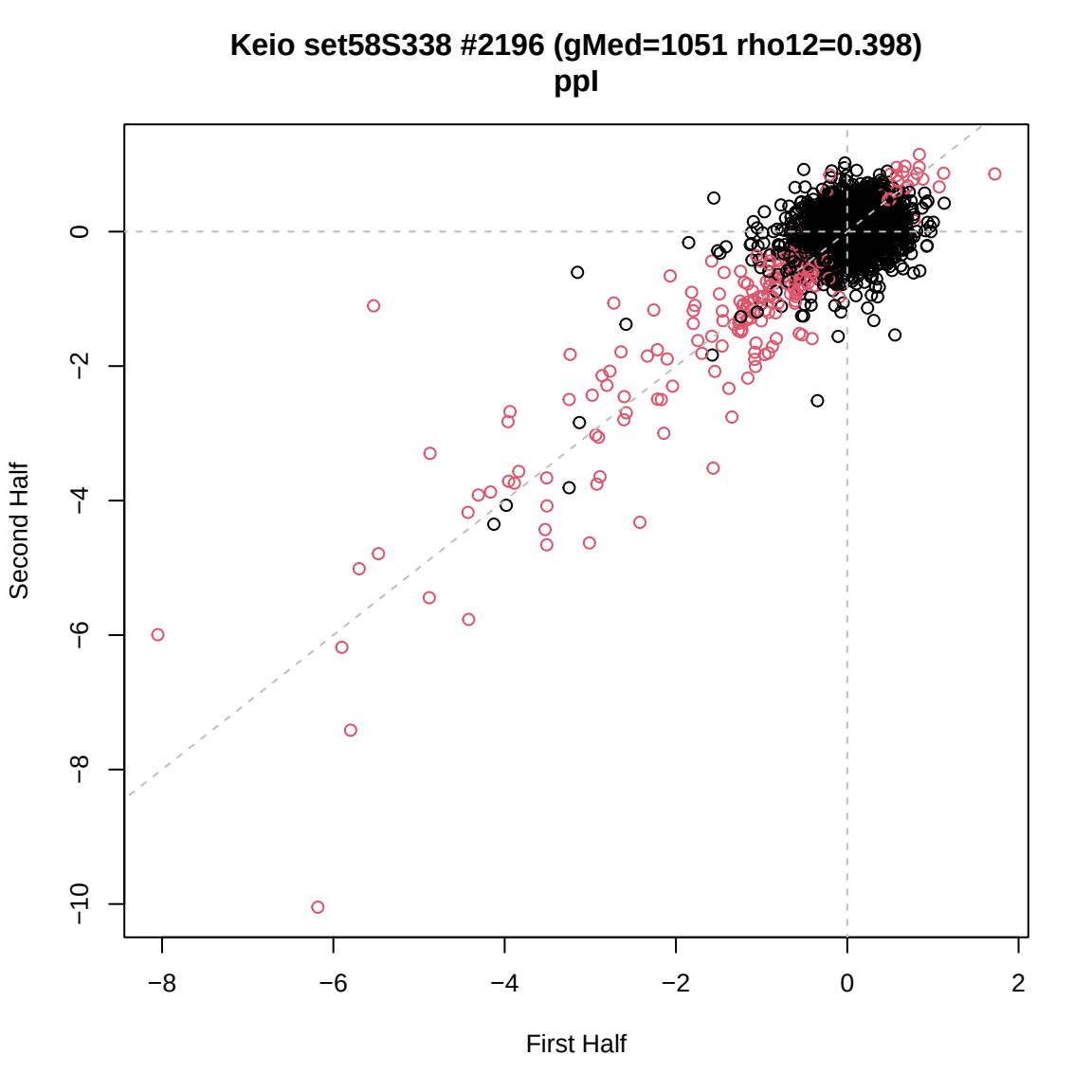

Keio set58S333 #2191 (gMed=968 rho12=0.372)
DRT_type_3
Second Half
First Half
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0

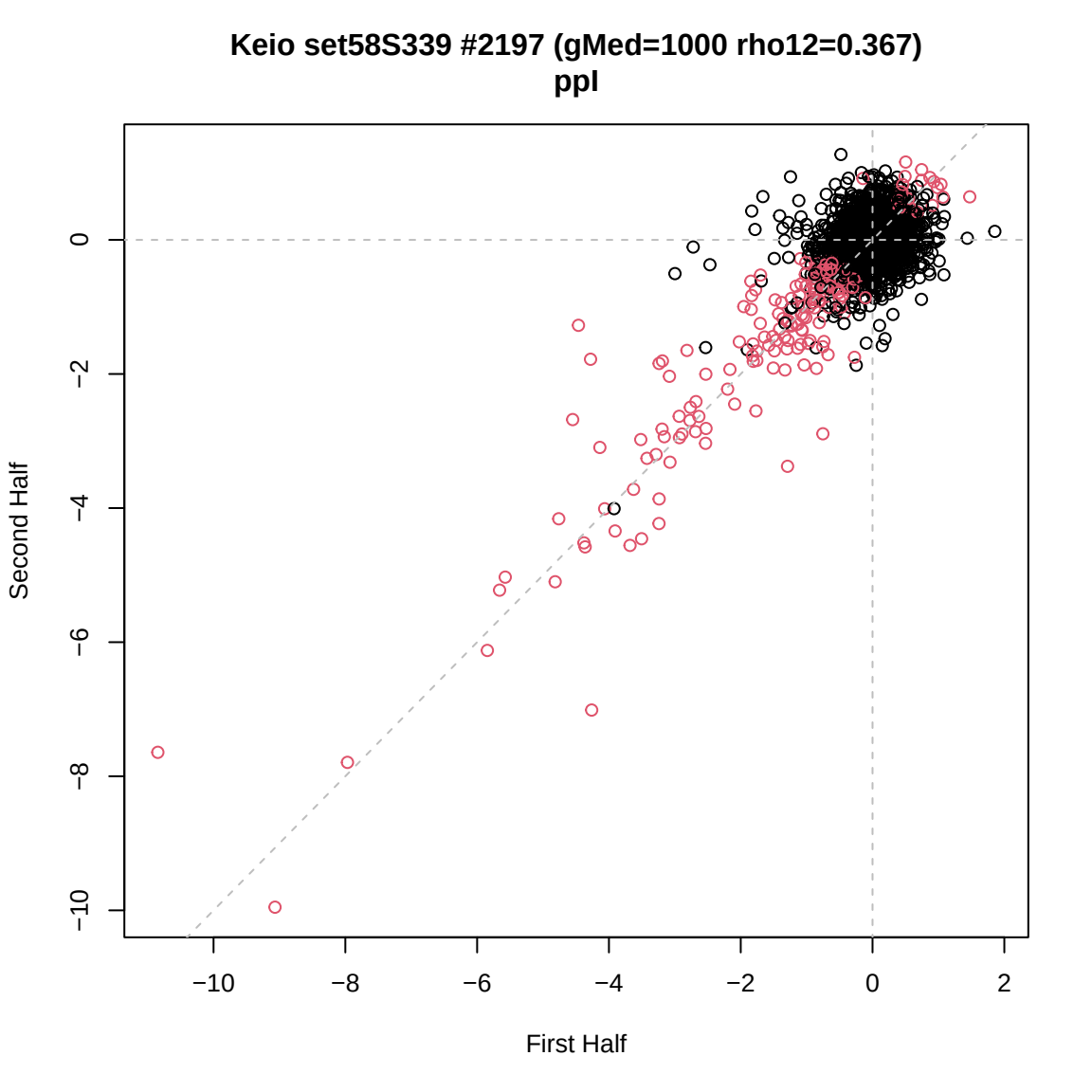

Keio set58S334 #2192 (gMed=1030 rho12=0.395)
DRT_type_3
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0

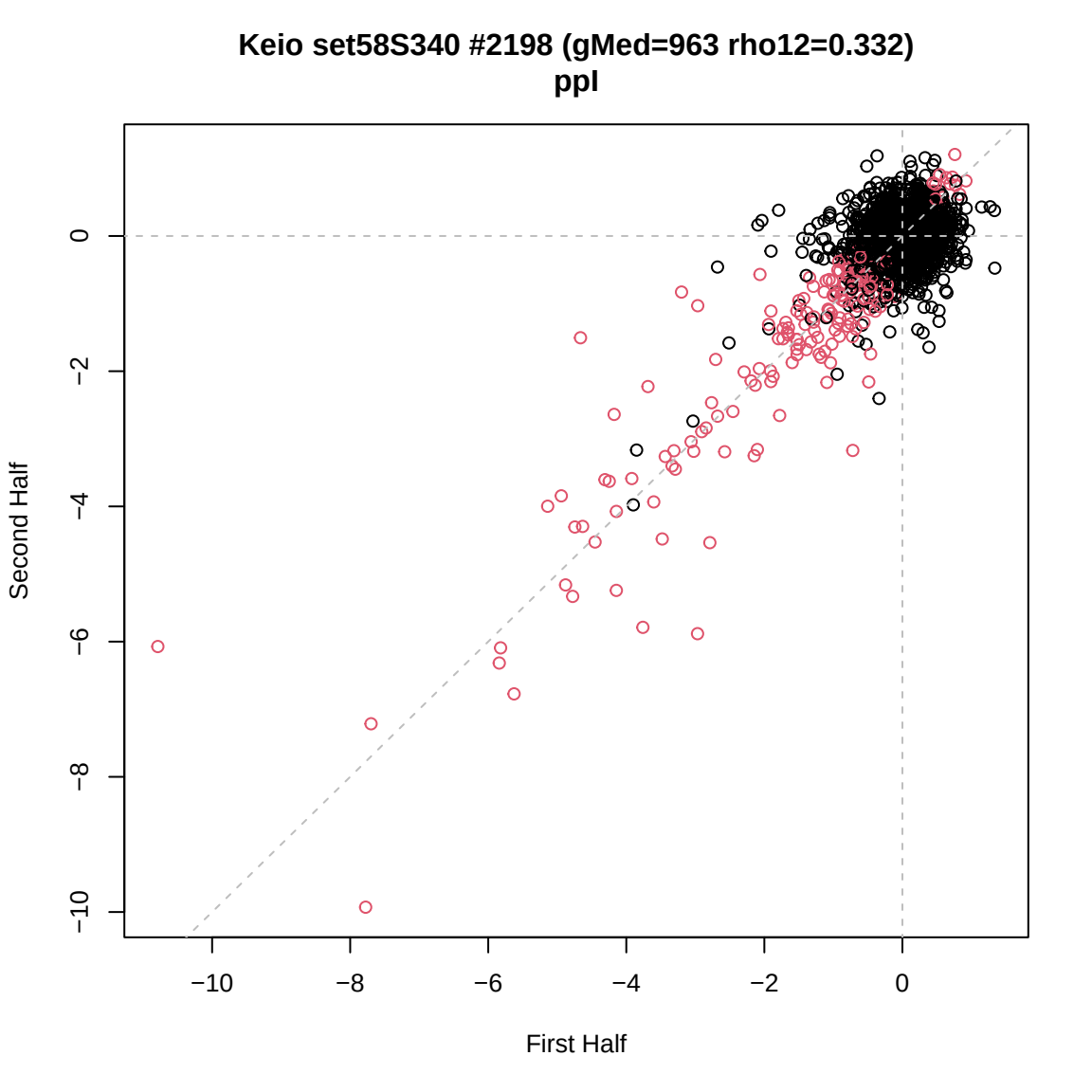

Keio set58S335 #2193 (gMed=993 rho12=0.370)
SIR2−HerA
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0

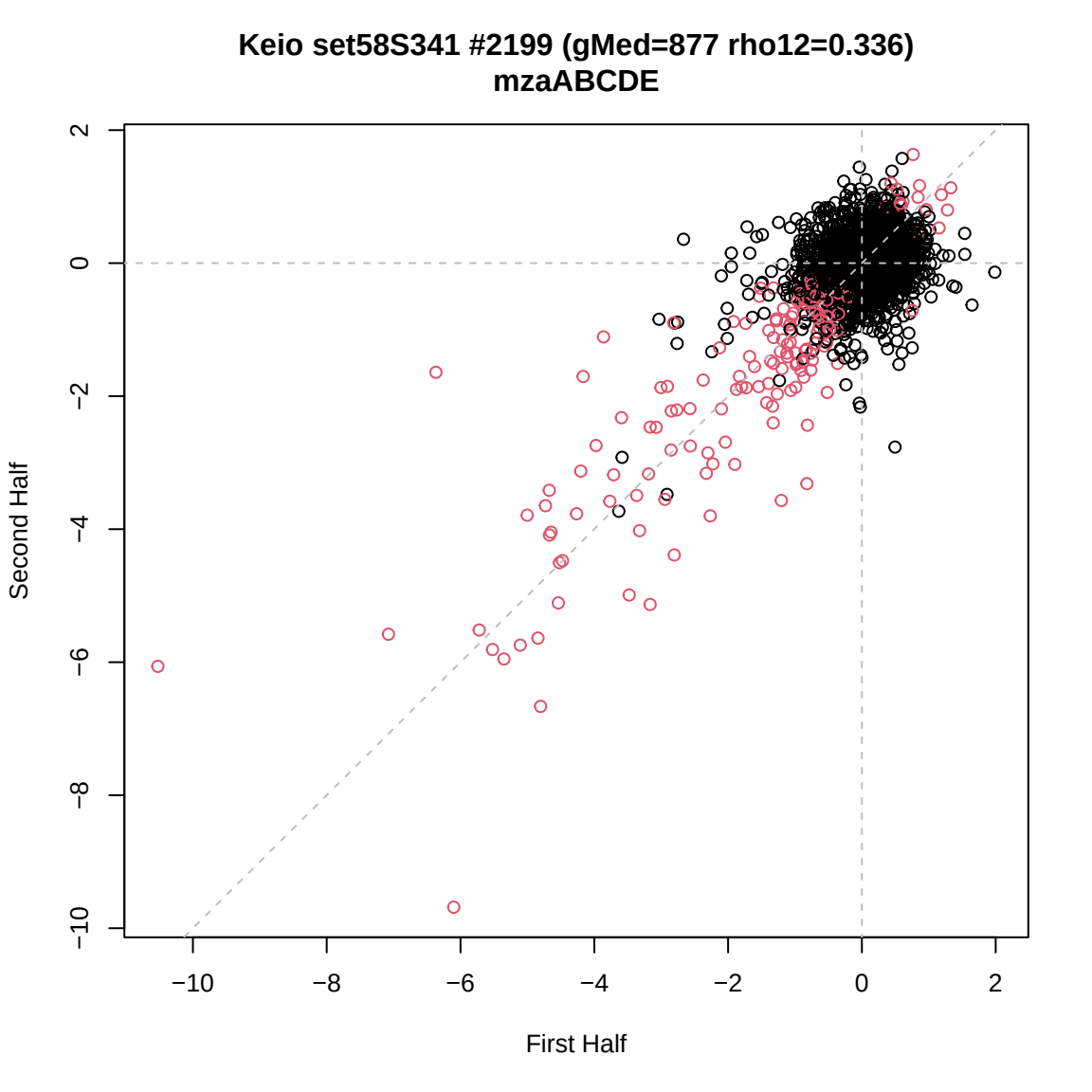

Keio set58S336 #2194 (gMed=610 rho12=0.297)
SIR2−HerA
Second Half
First Half
0
−2
−4
−6
−8
−10
2

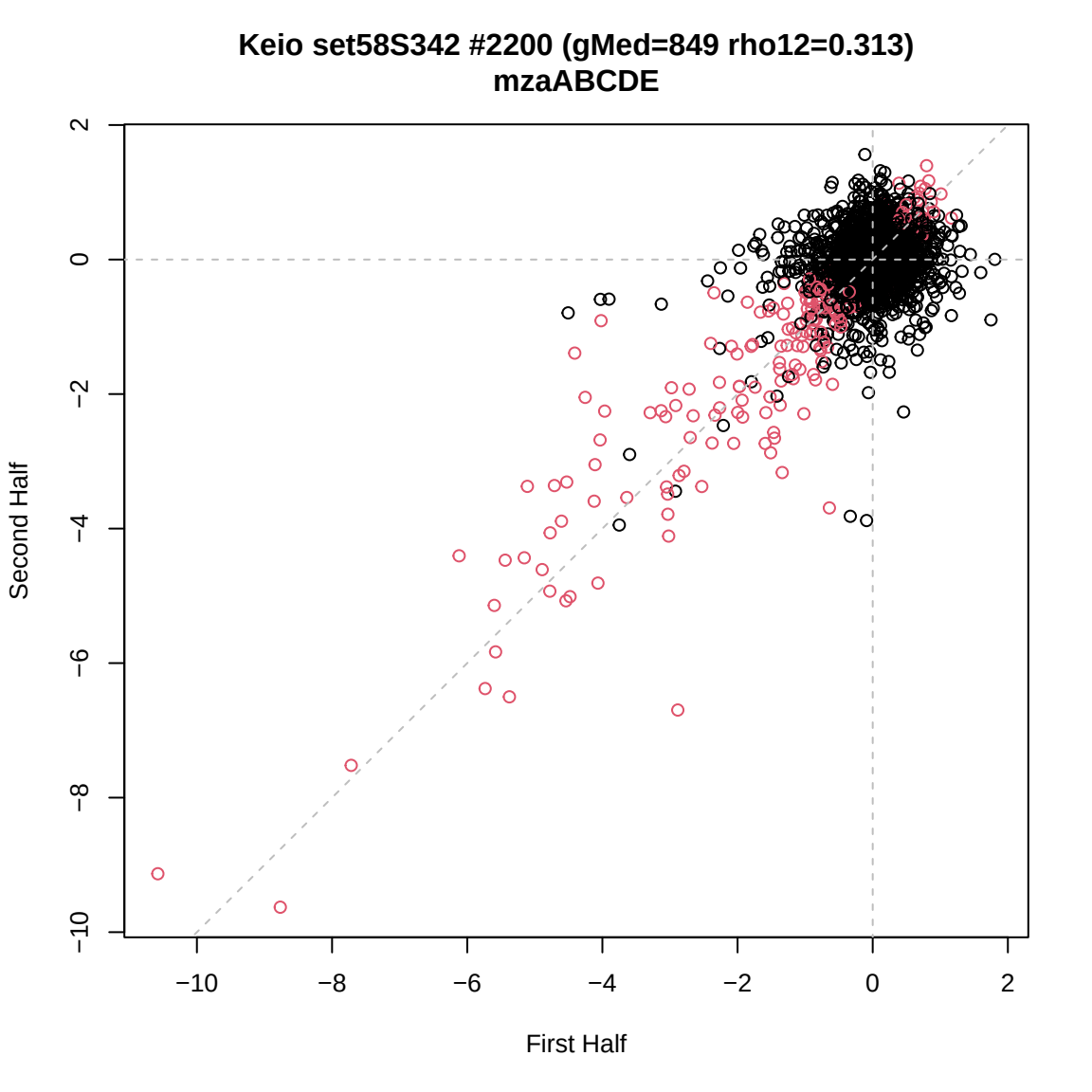

Keio set58S337 #2195 (gMed=962 rho12=0.456)
SIR2−HerA
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0

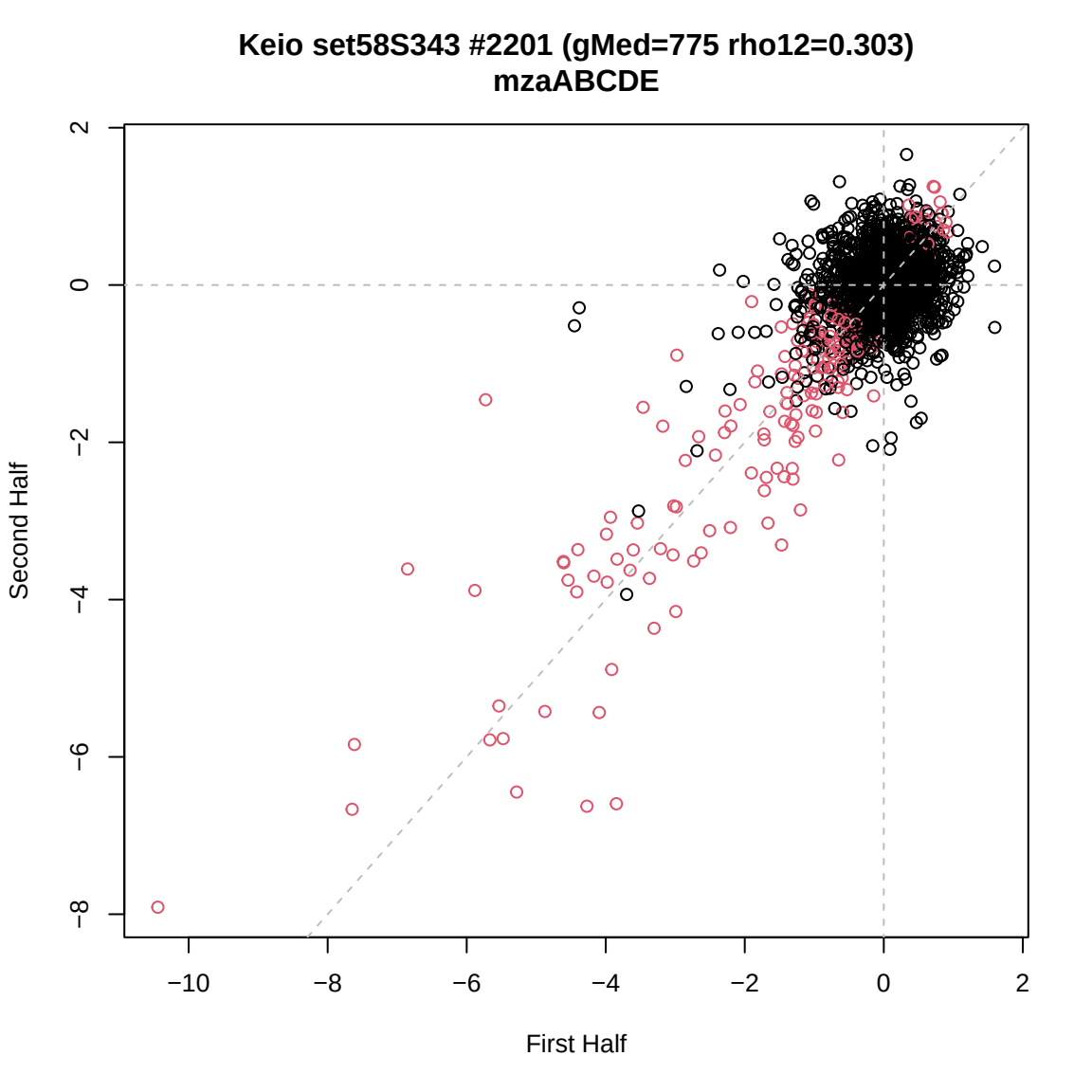

Keio set58S338 #2196 (gMed=1051 rho12=0.398)
ppl
Second Half
First Half
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

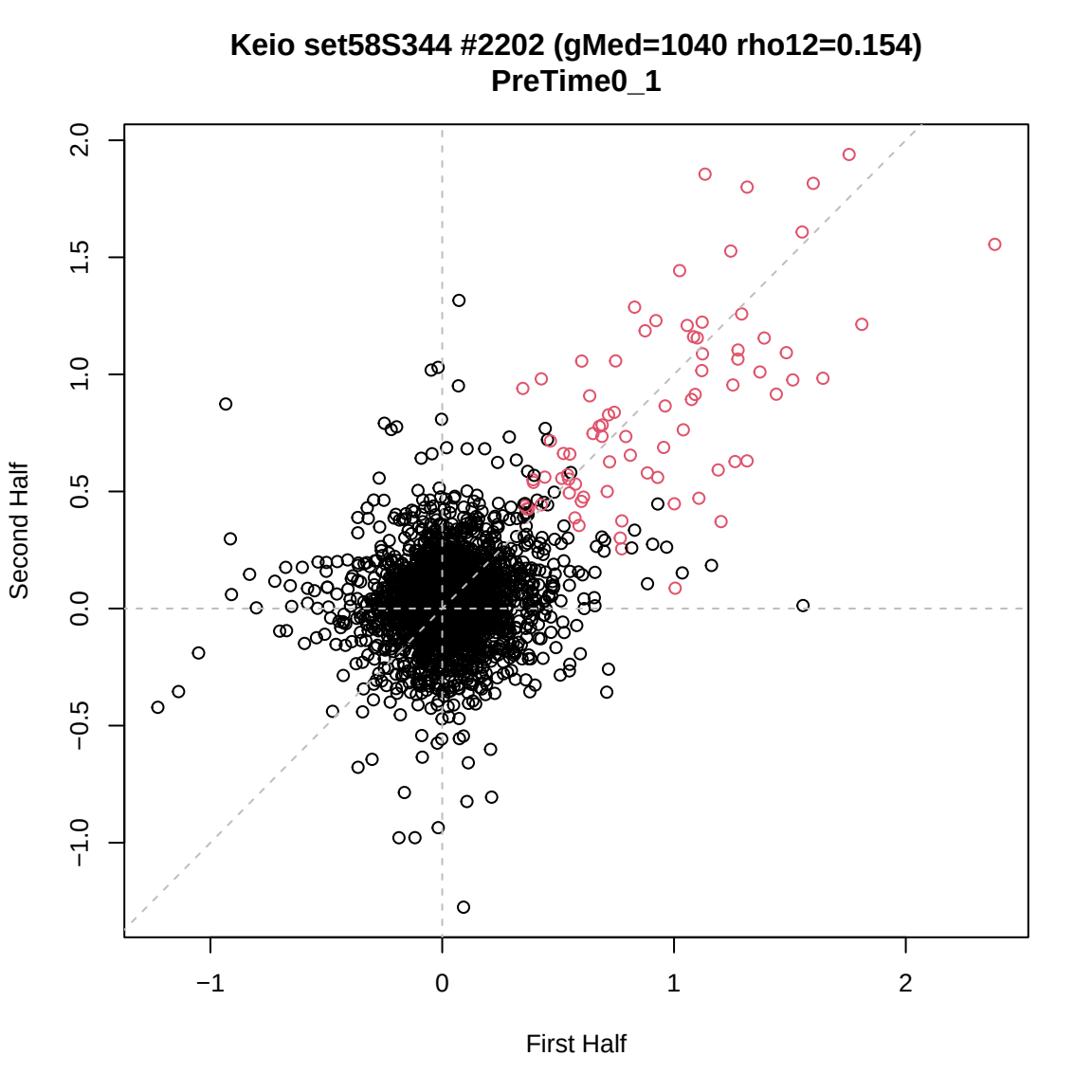

Keio set58S339 #2197 (gMed=1000 rho12=0.367)
ppl
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

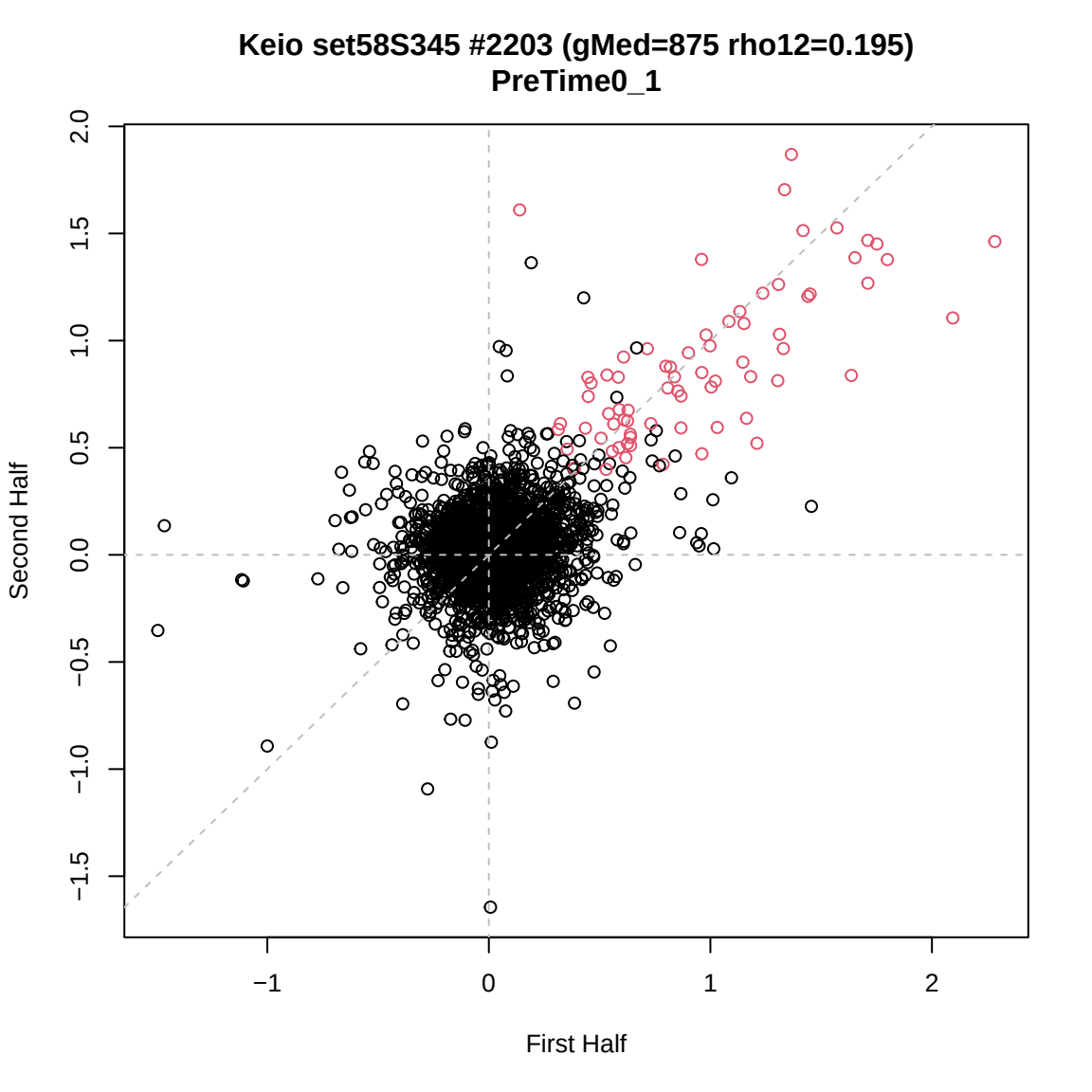

Keio set58S340 #2198 (gMed=963 rho12=0.332)
ppl
Second Half
First Half
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0

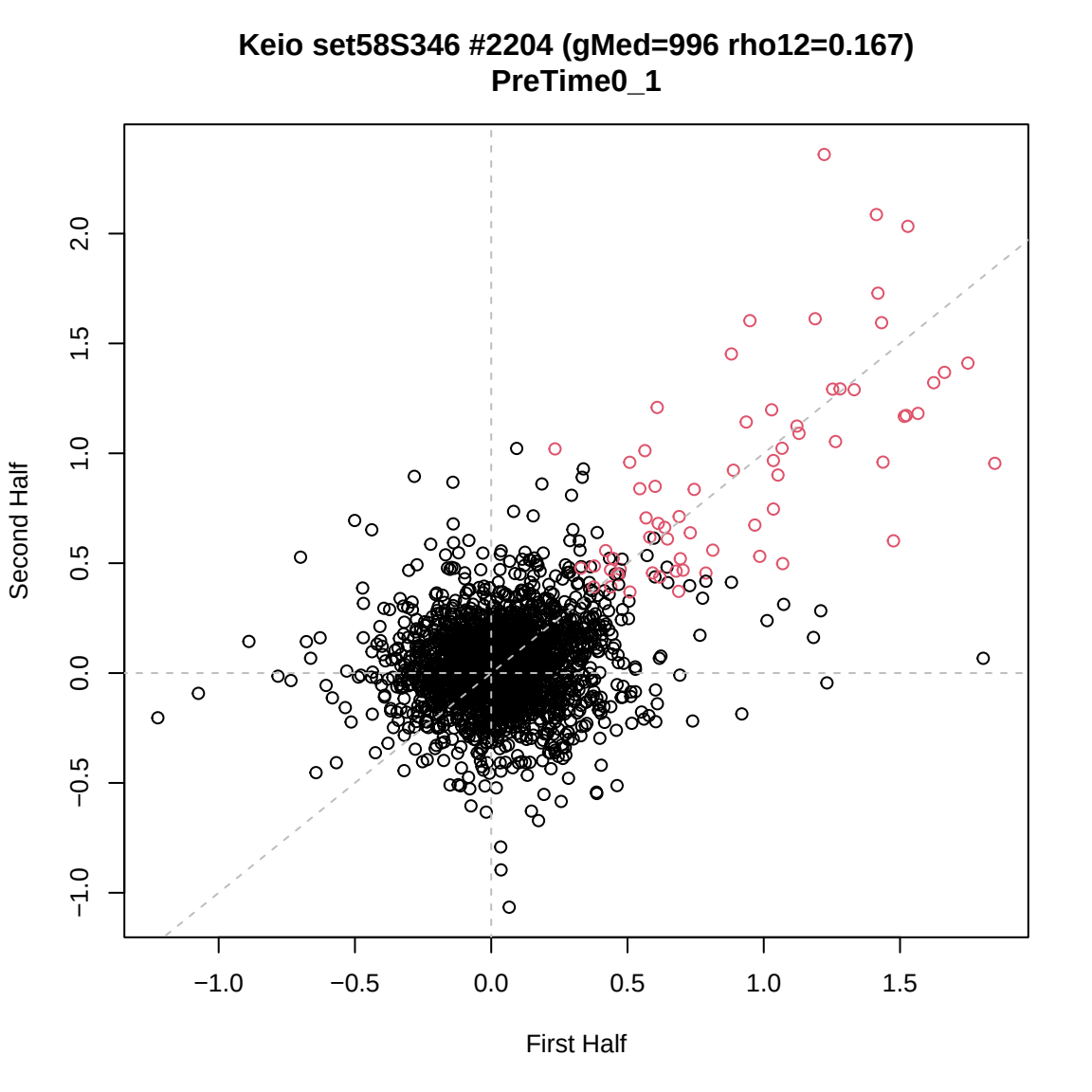

Keio set58S341 #2199 (gMed=877 rho12=0.336)
mzaABCDE
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

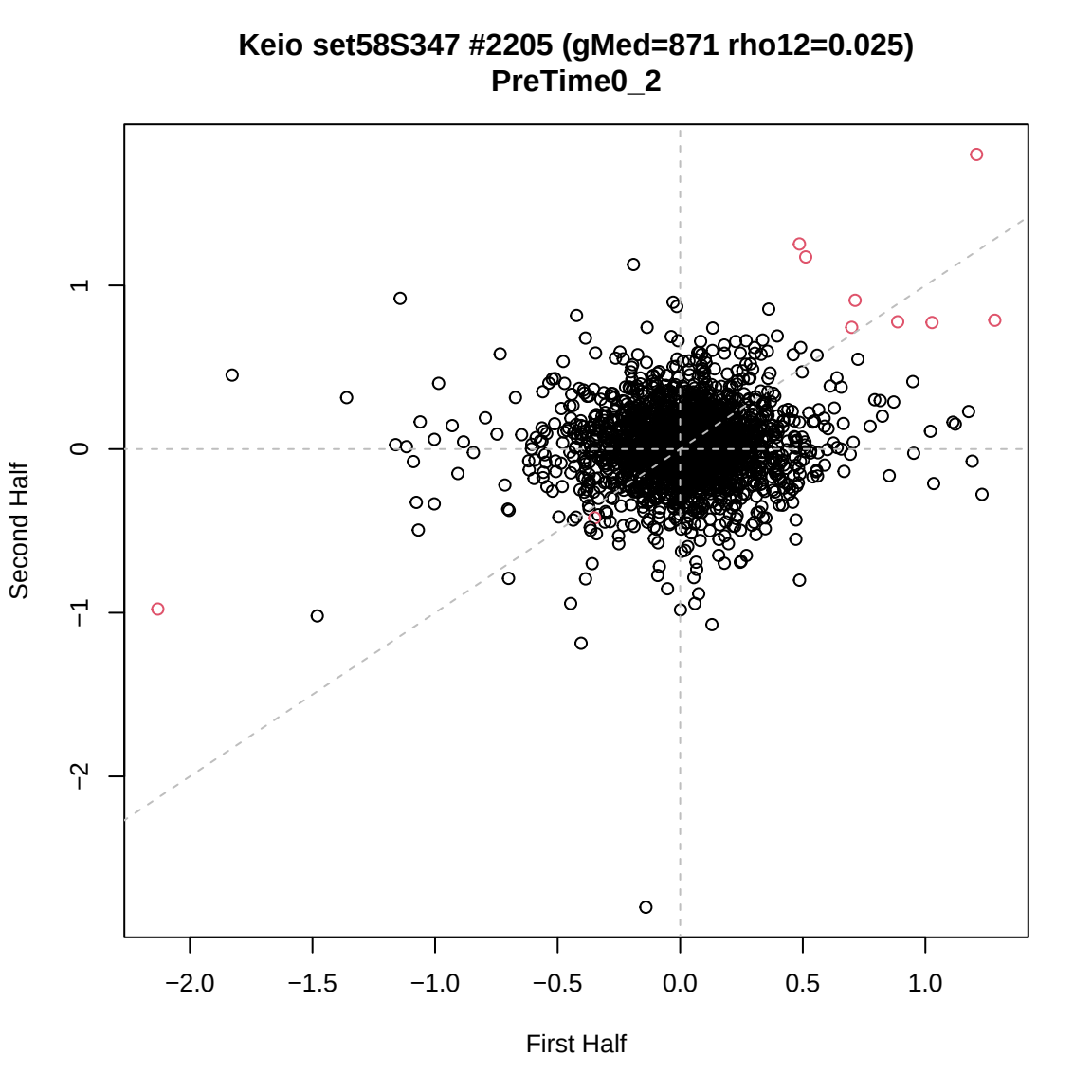

Keio set58S342 #2200 (gMed=849 rho12=0.313)
mzaABCDE
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−10
−8
−6
−4
−2
0
2

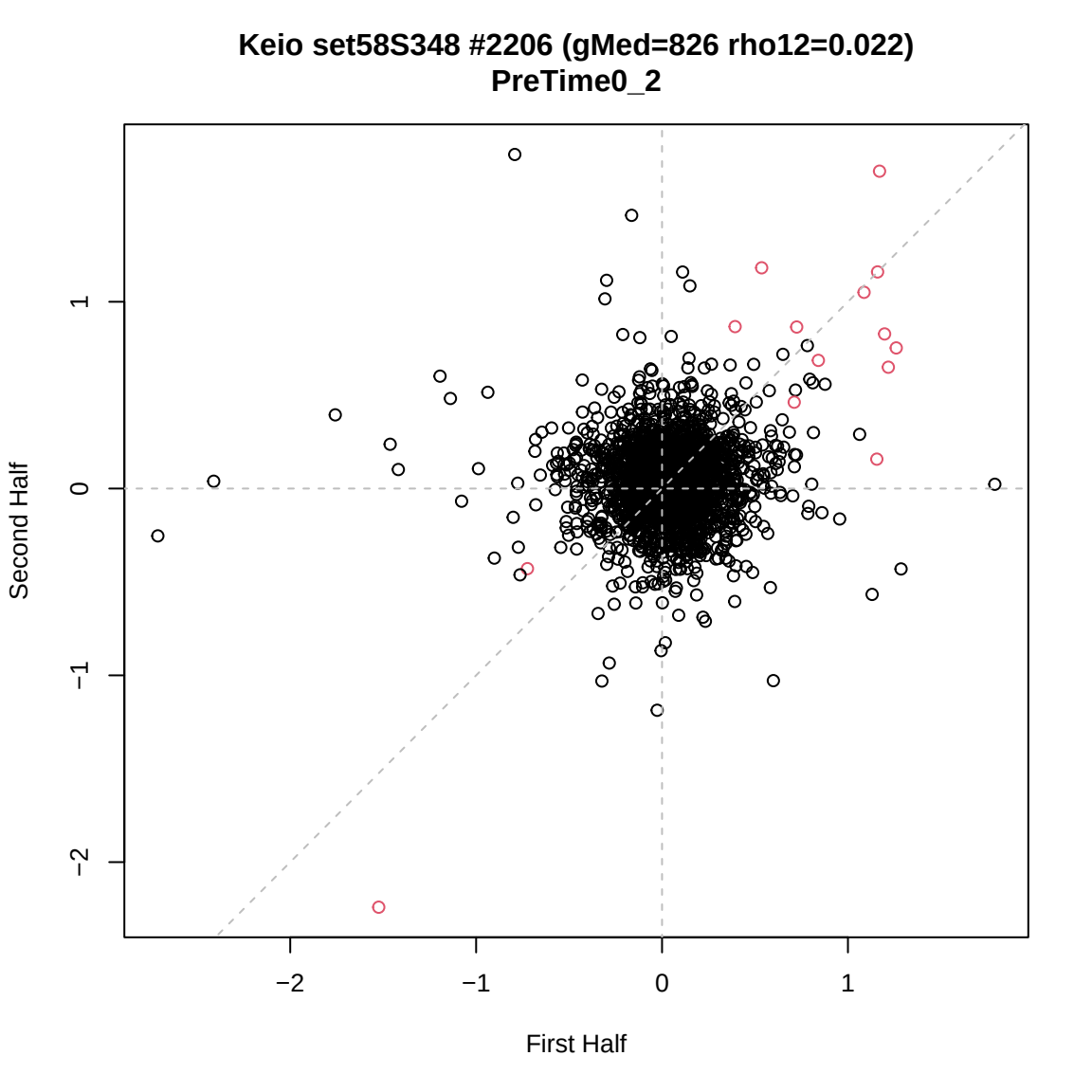

Keio set58S343 #2201 (gMed=775 rho12=0.303)
mzaABCDE
Second Half
First Half
2
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

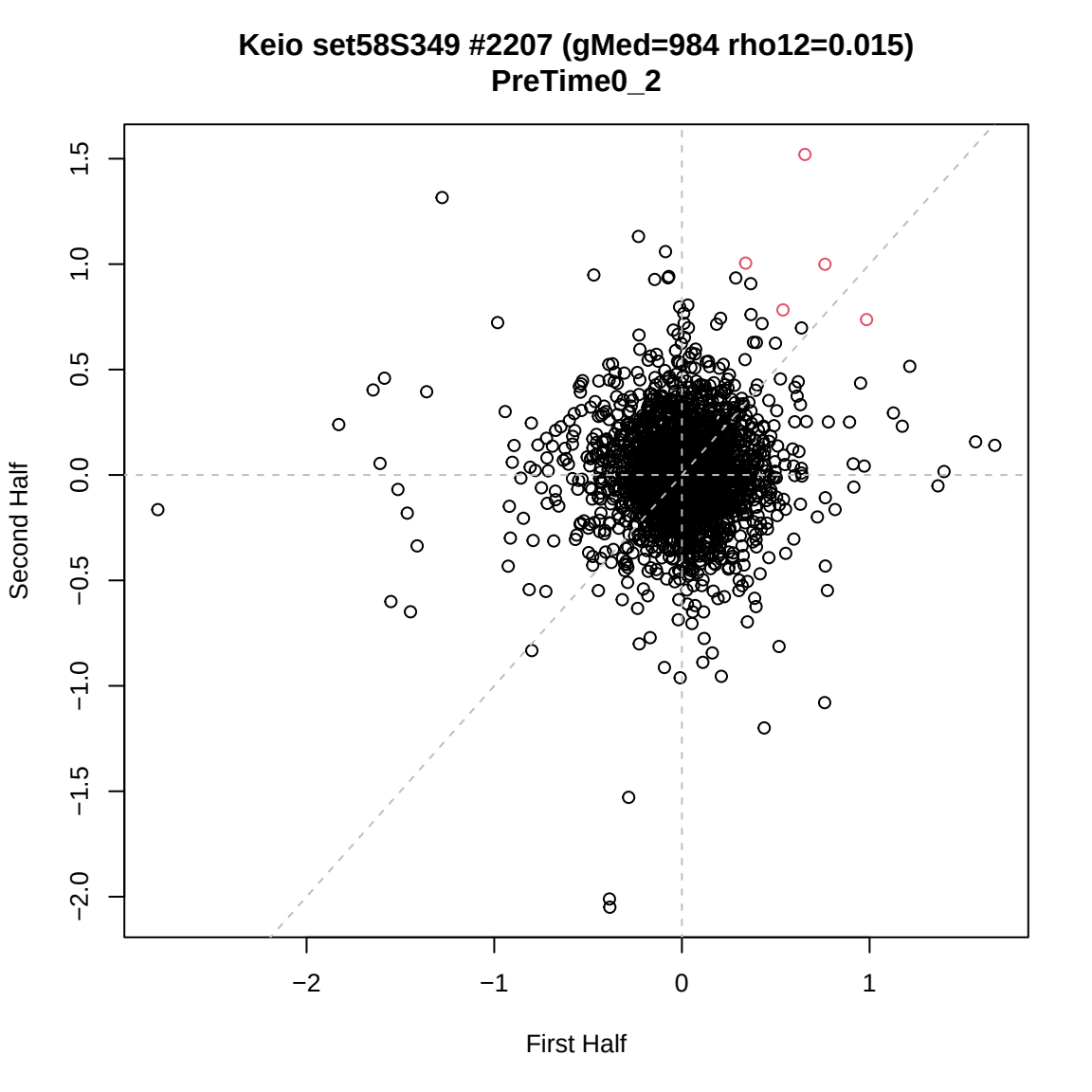

Keio set58S344 #2202 (gMed=1040 rho12=0.154)
PreTime0_1
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2

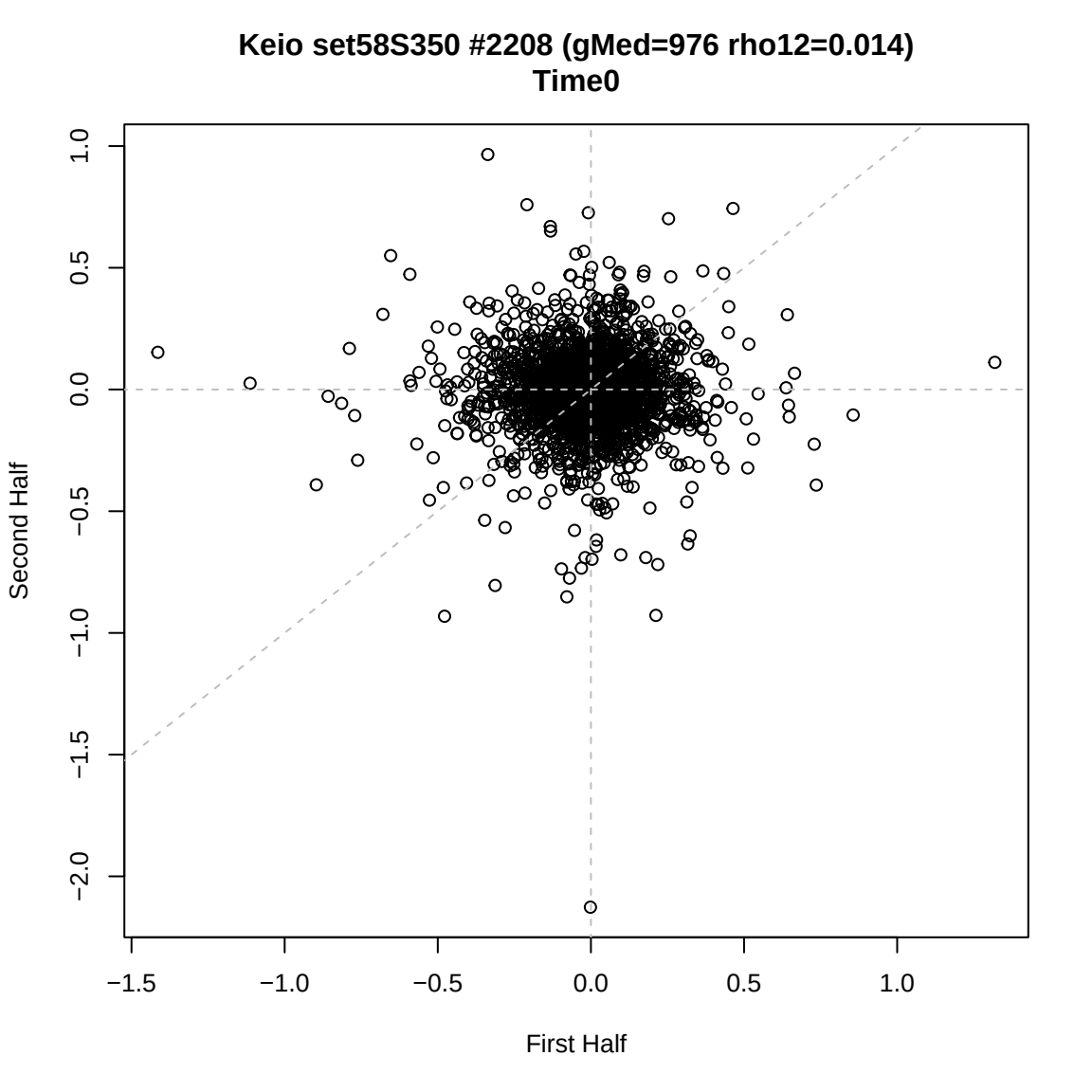

Keio set58S345 #2203 (gMed=875 rho12=0.195)
PreTime0_1
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1
0
1
2

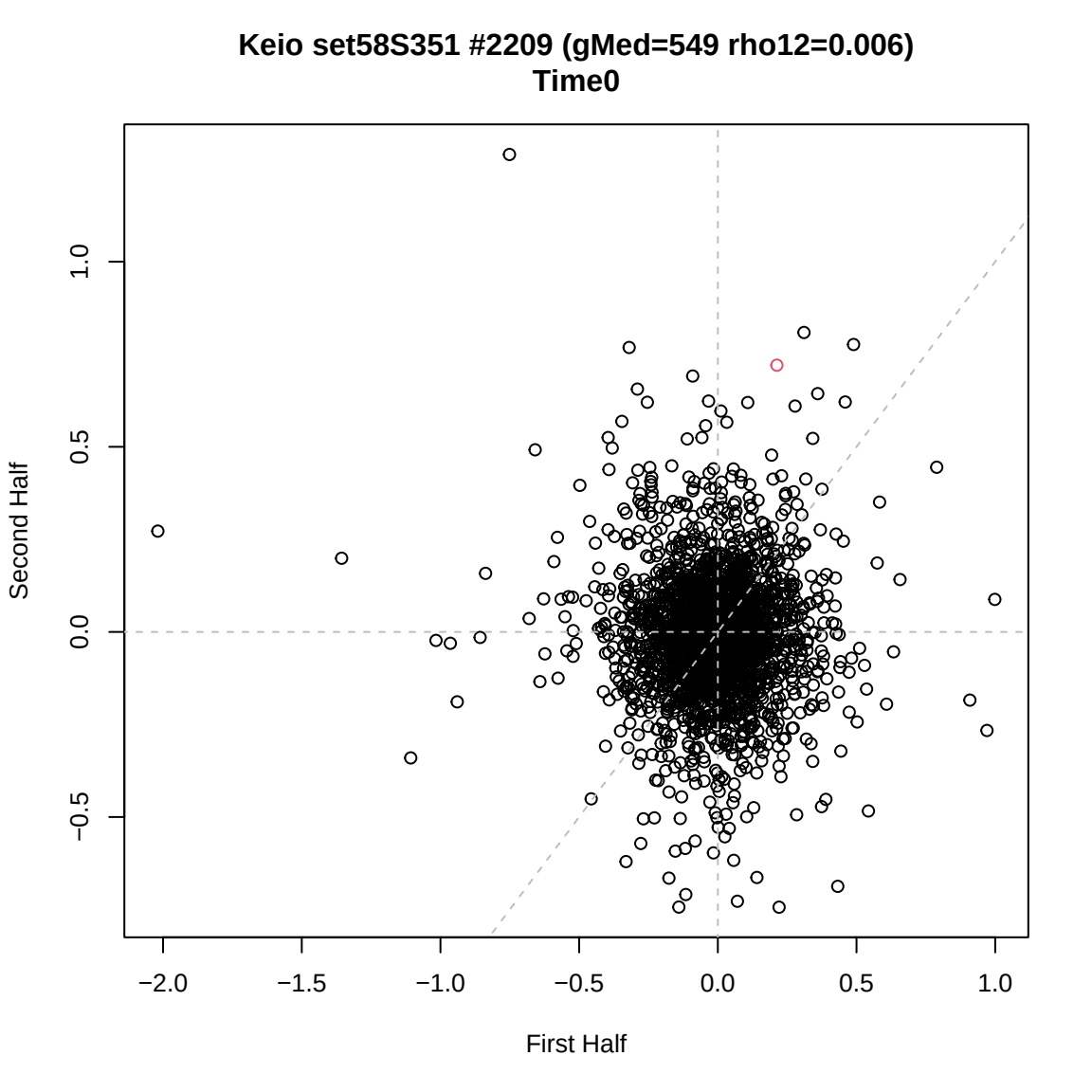

Keio set58S346 #2204 (gMed=996 rho12=0.167)
PreTime0_1
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

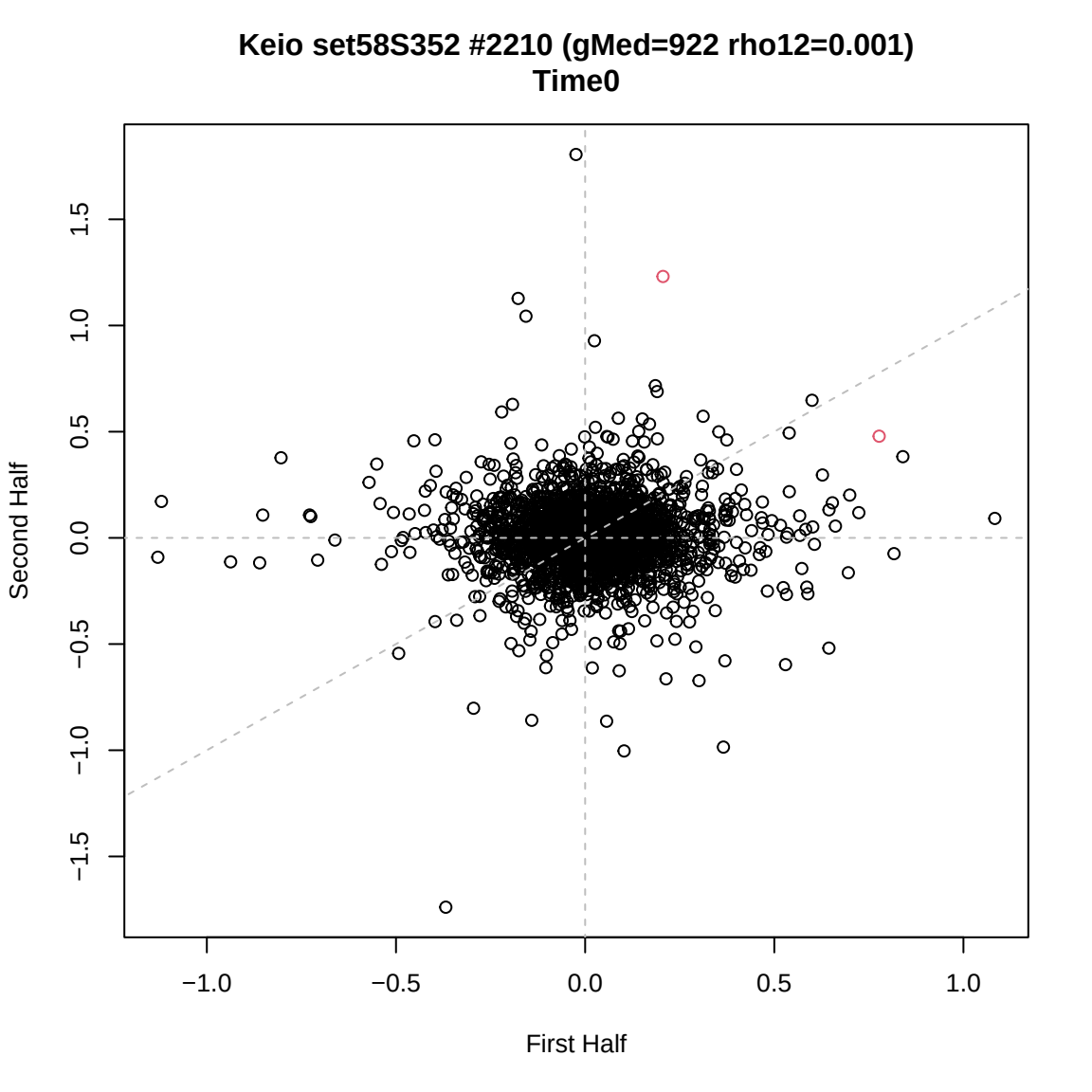

Keio set58S347 #2205 (gMed=871 rho12=0.025)
PreTime0_2
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

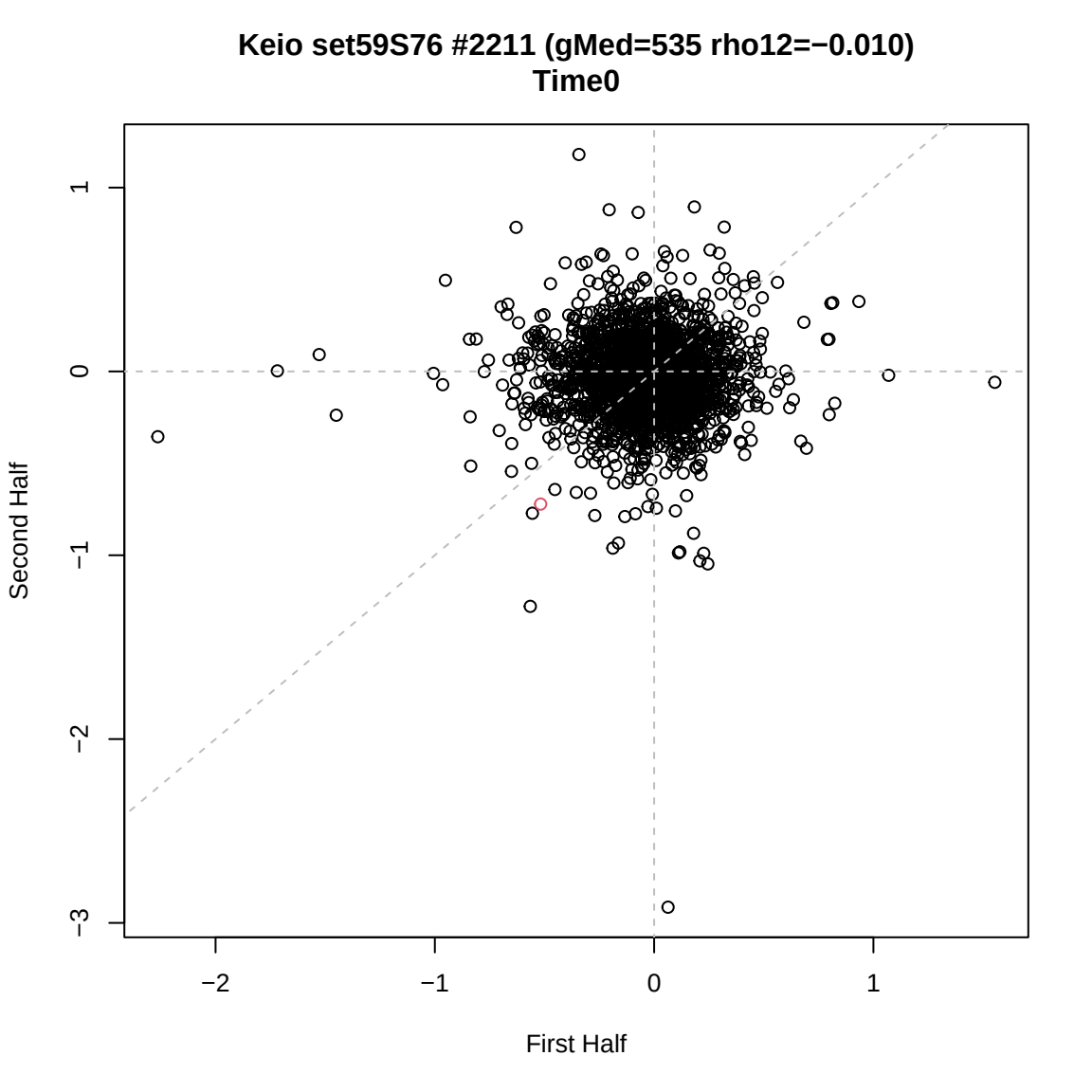

Keio set58S348 #2206 (gMed=826 rho12=0.022)
PreTime0_2
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

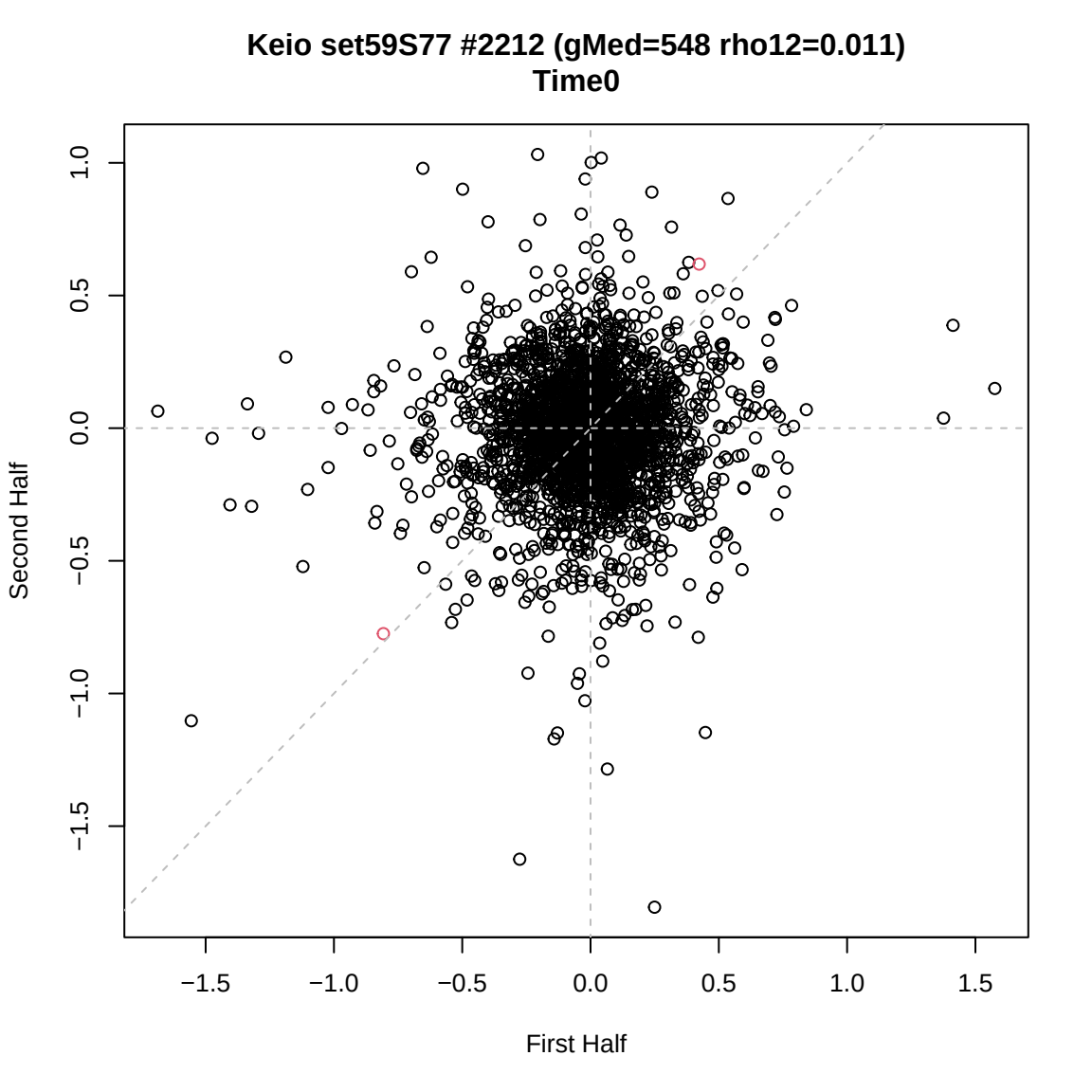

Keio set58S349 #2207 (gMed=984 rho12=0.015)
PreTime0_2
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

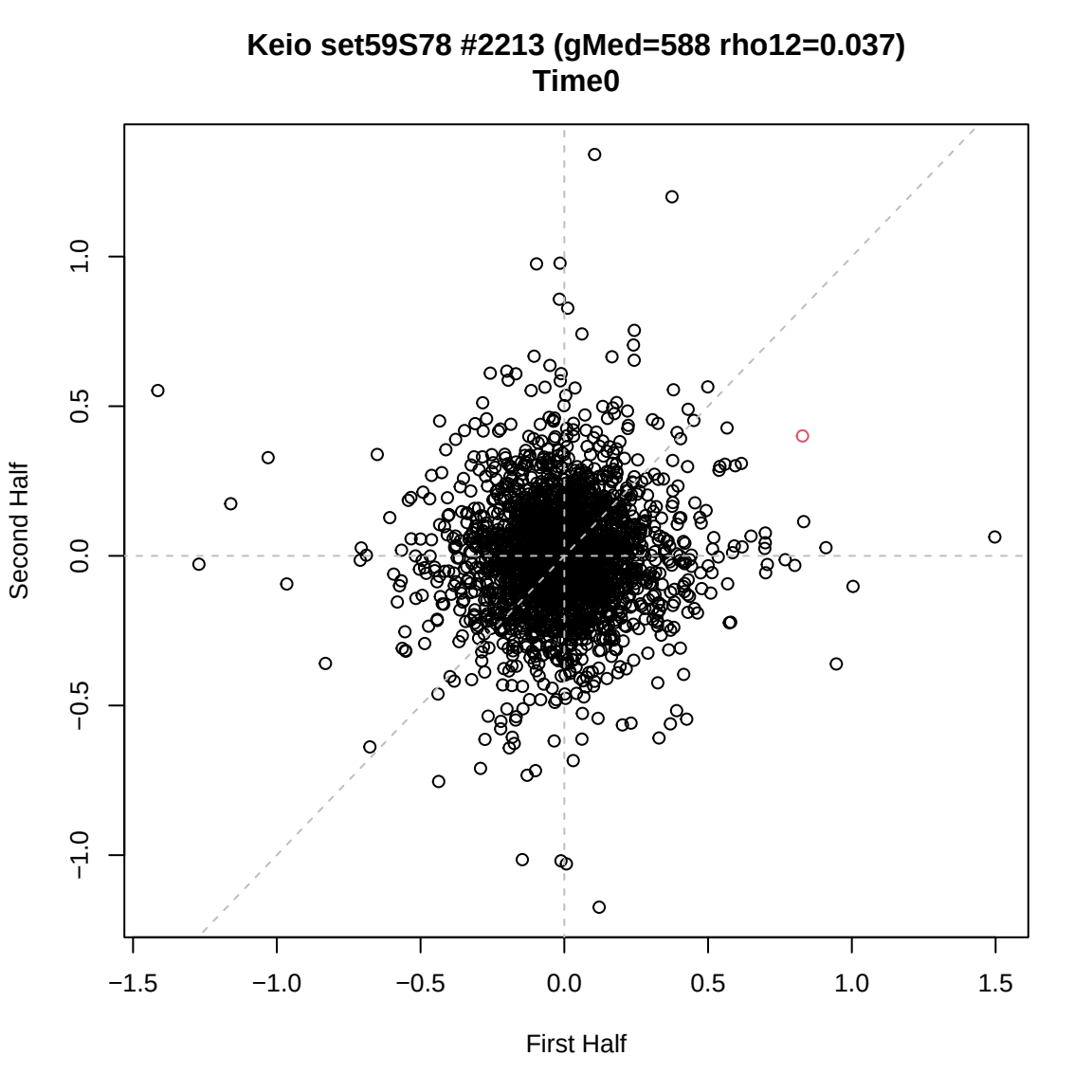

Keio set58S350 #2208 (gMed=976 rho12=0.014)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

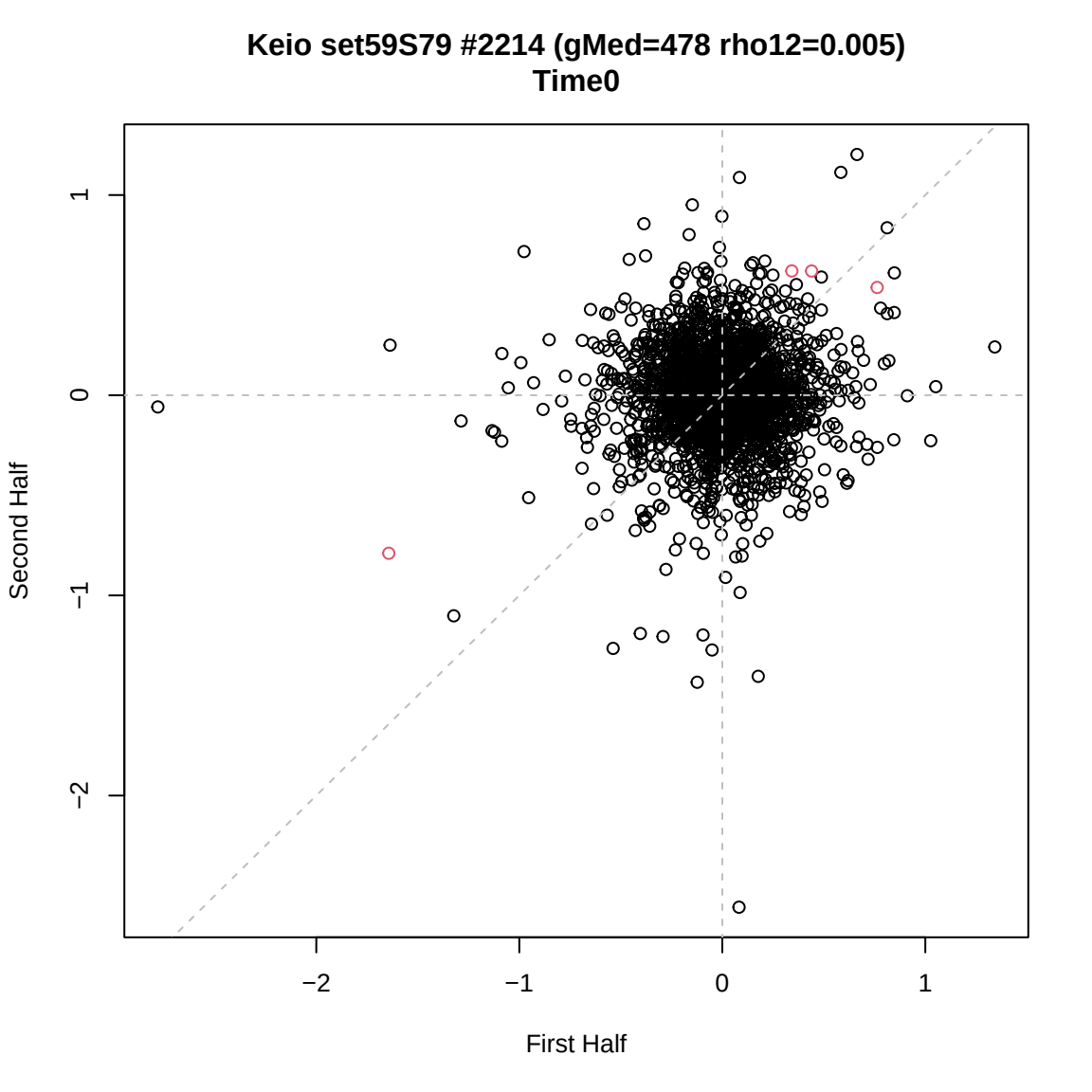

Keio set58S351 #2209 (gMed=549 rho12=0.006)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

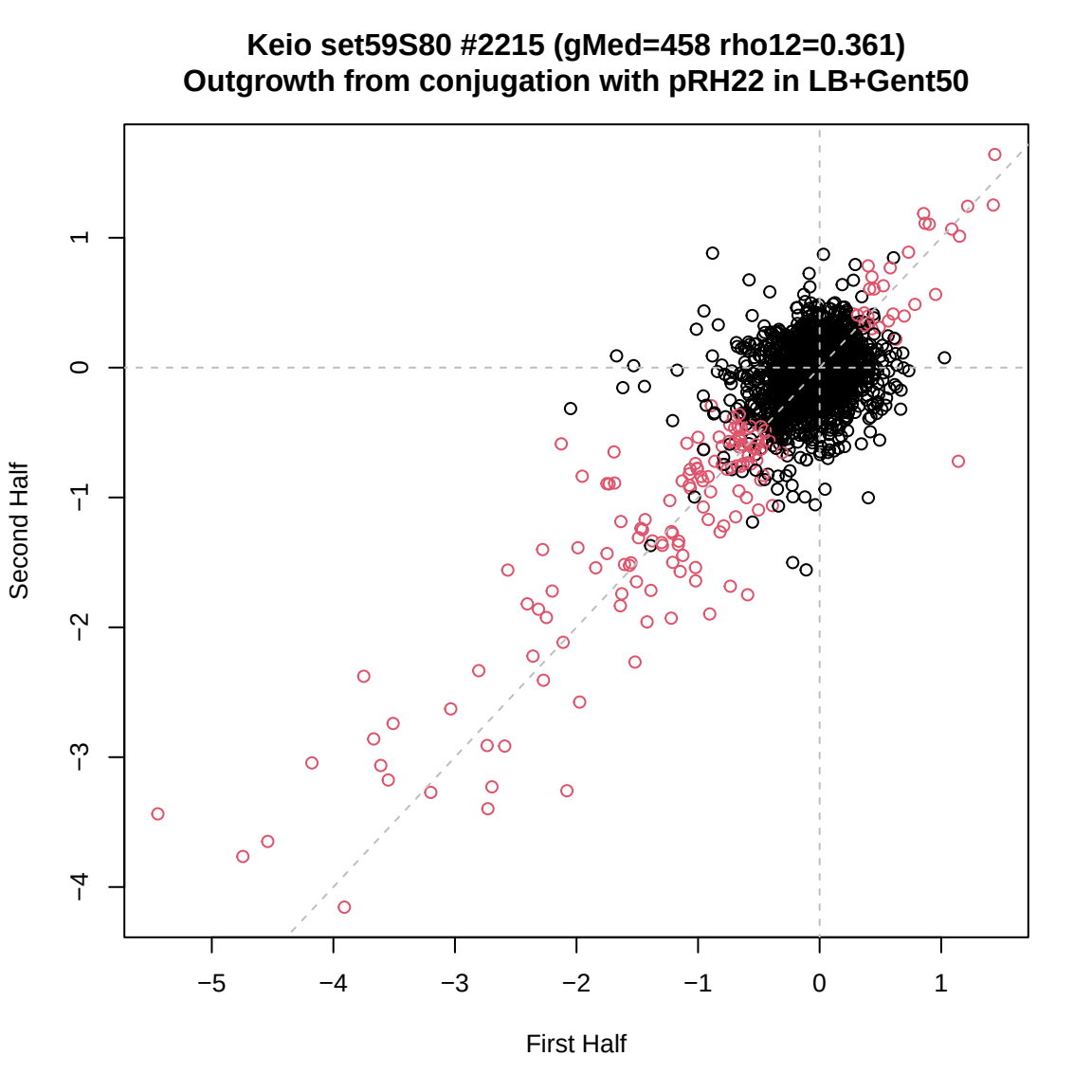

Keio set58S352 #2210 (gMed=922 rho12=0.001)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

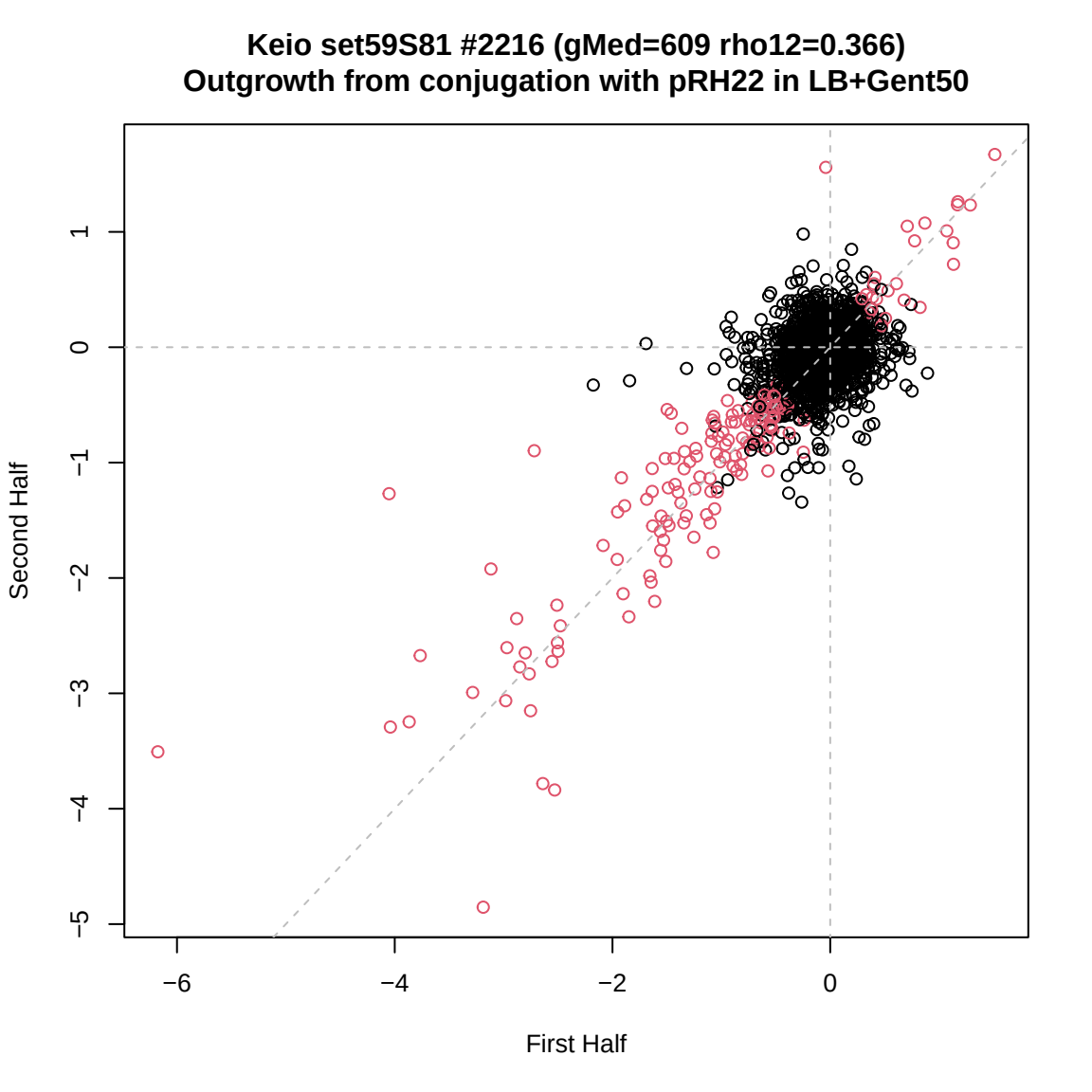

Keio set59S76 #2211 (gMed=535 rho12=−0.010)
Time0
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

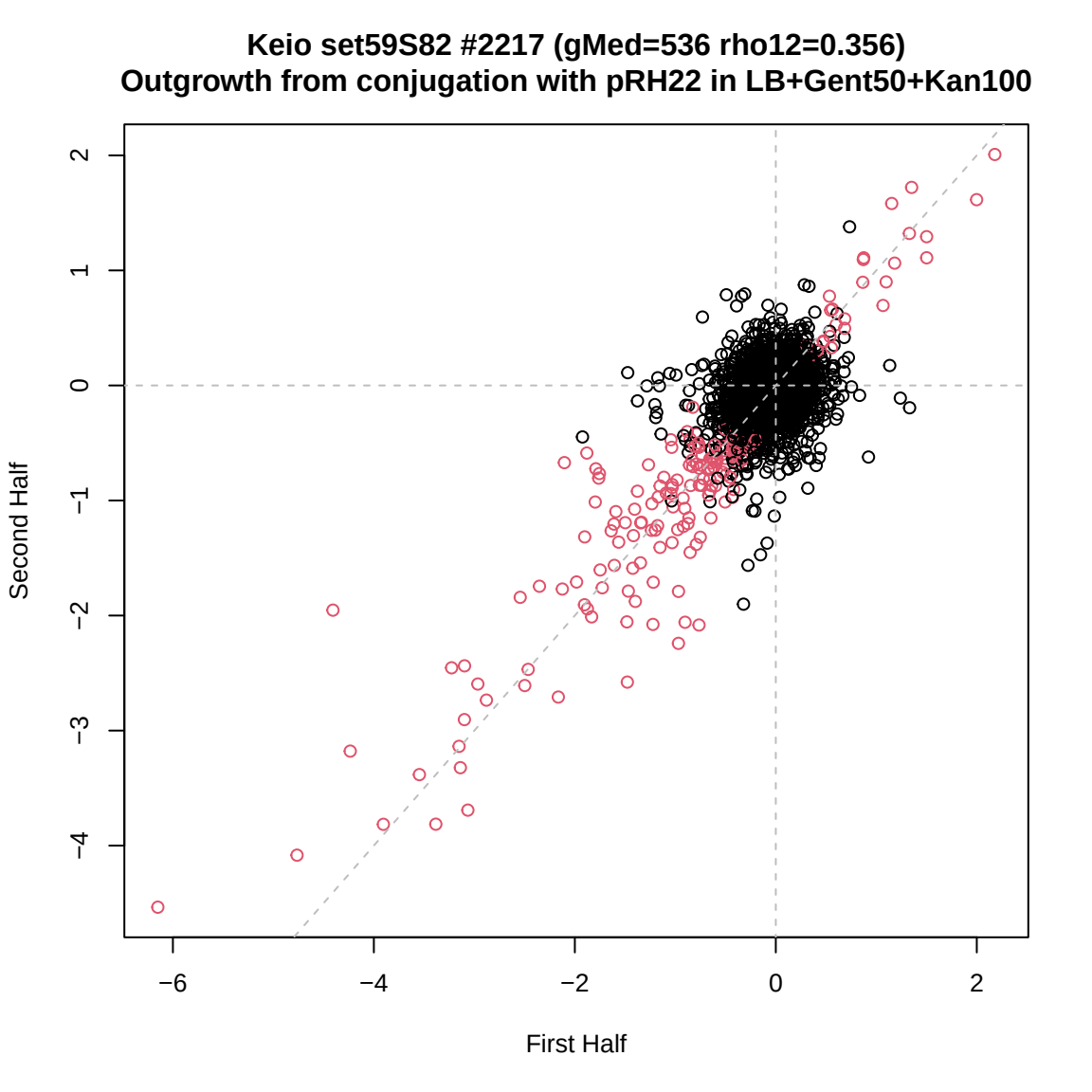

Keio set59S77 #2212 (gMed=548 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

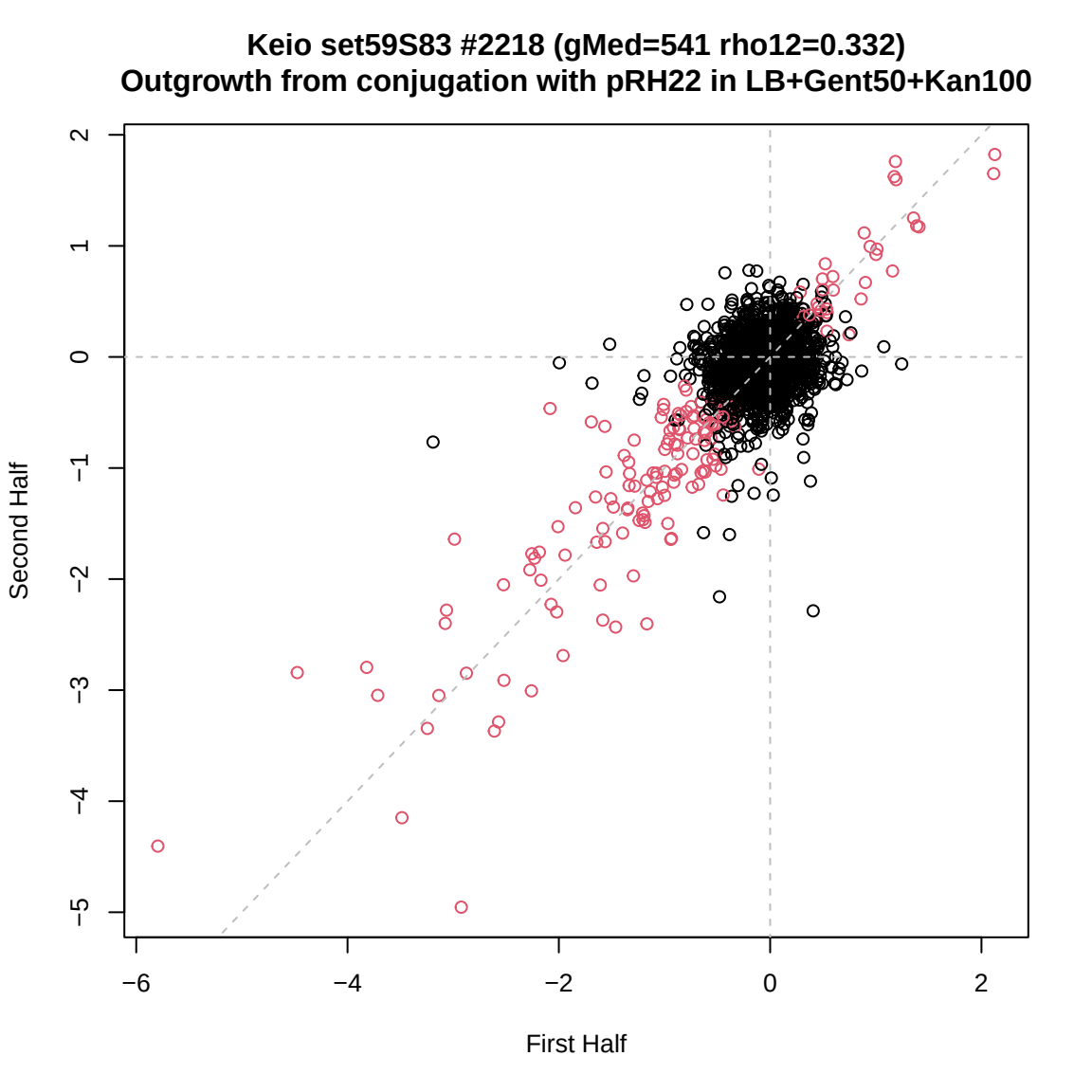

Keio set59S78 #2213 (gMed=588 rho12=0.037)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

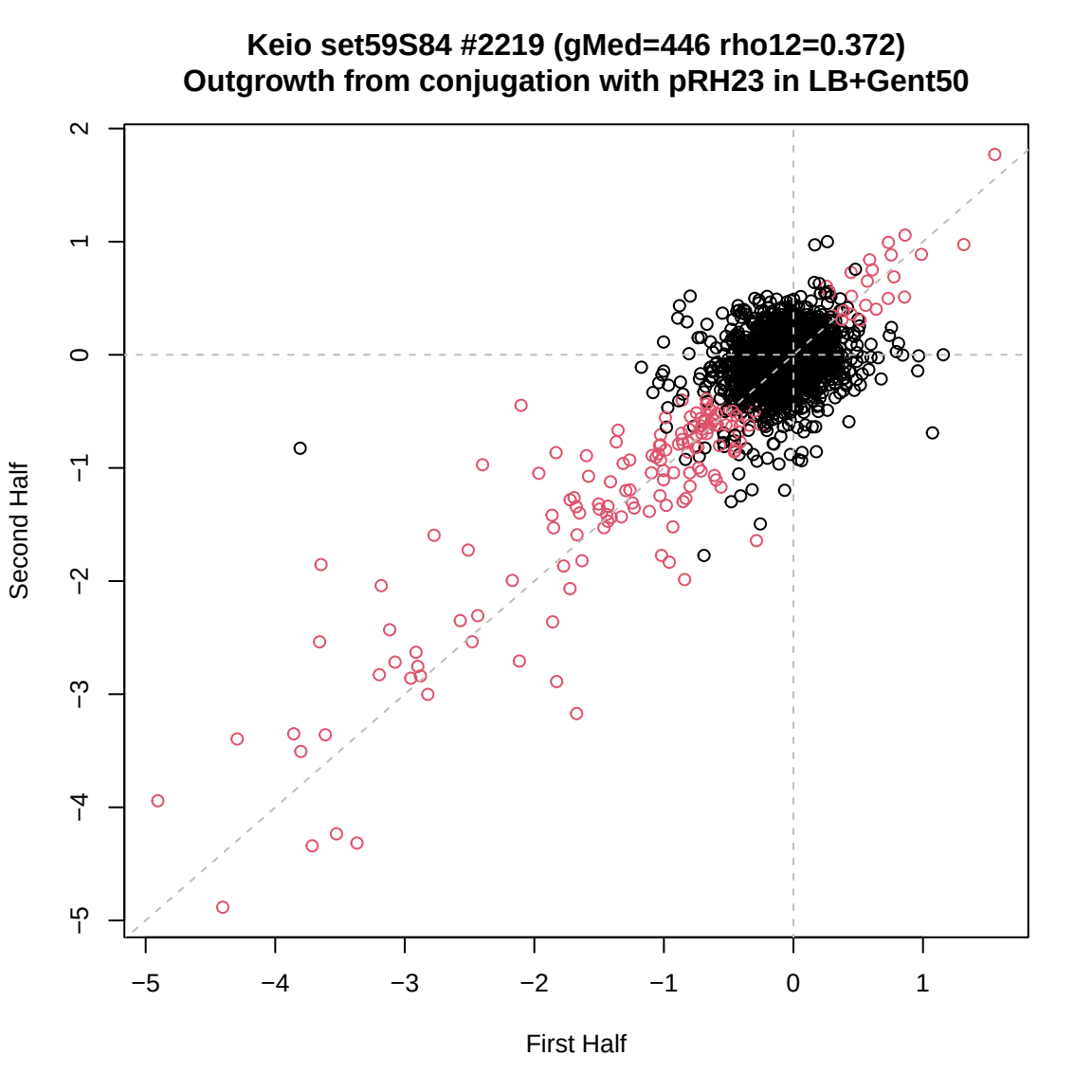

Keio set59S79 #2214 (gMed=478 rho12=0.005)
Time0
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

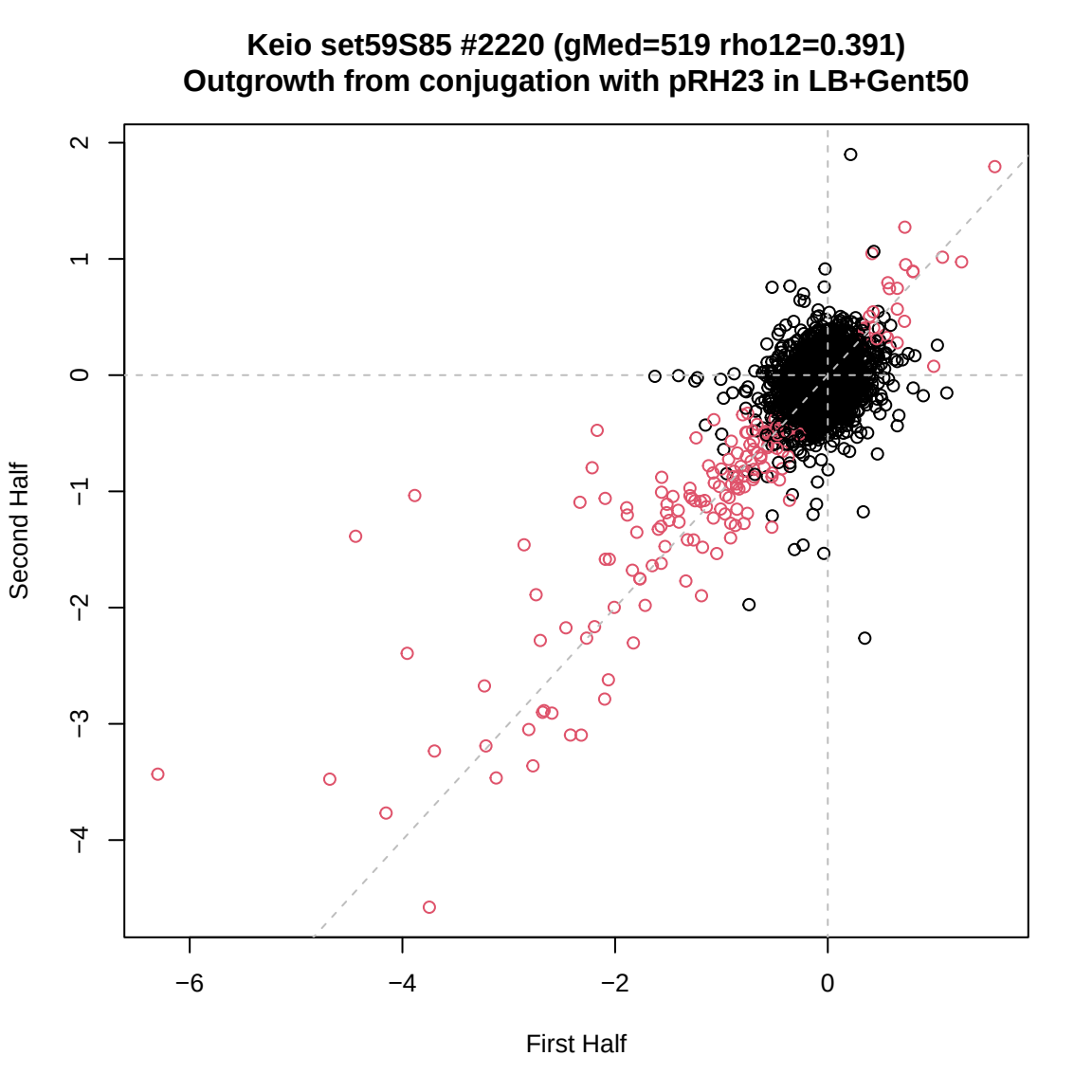

Keio set59S80 #2215 (gMed=458 rho12=0.361)
Outgrowth from conjugation with pRH22 in LB+Gent50
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

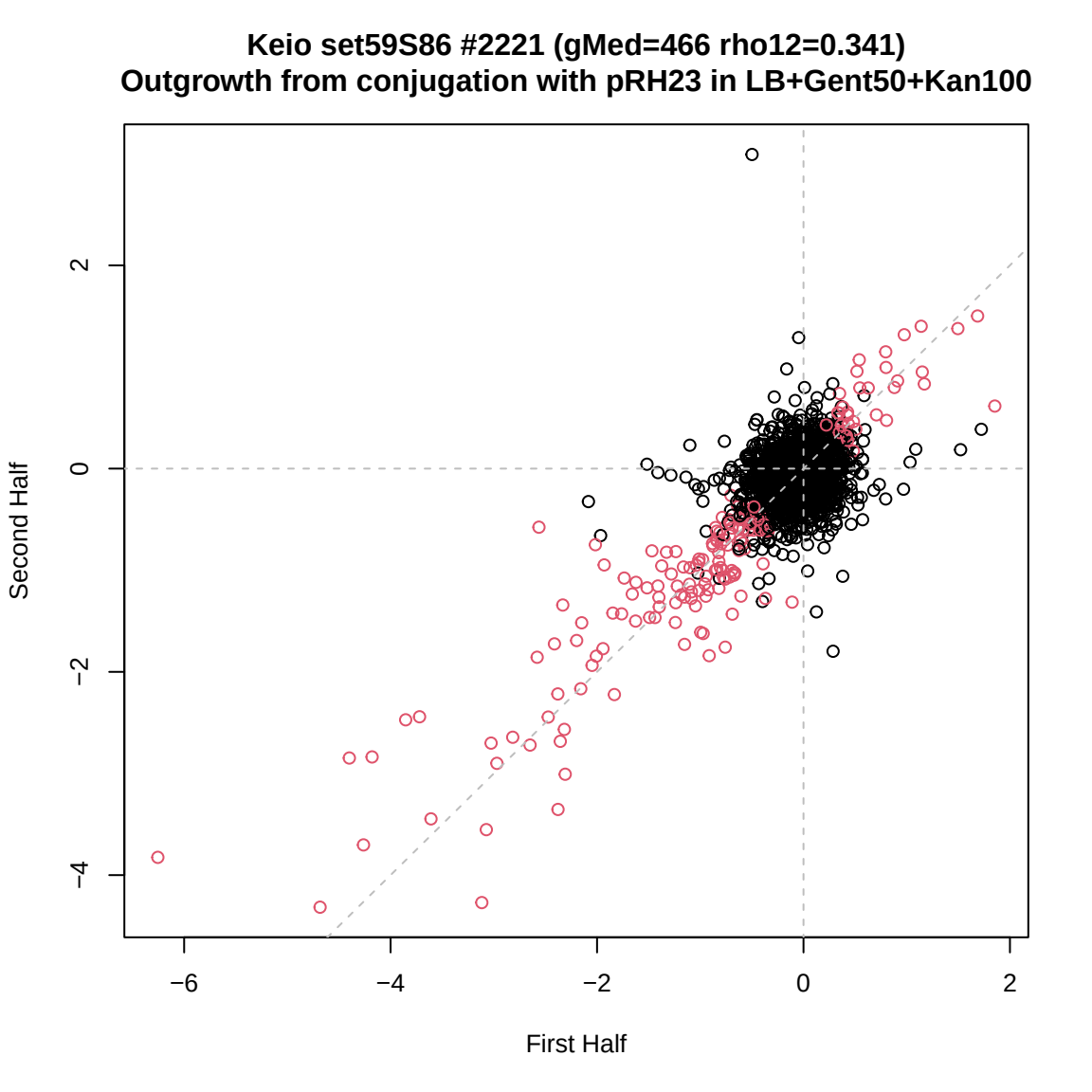

Keio set59S81 #2216 (gMed=609 rho12=0.366)
Outgrowth from conjugation with pRH22 in LB+Gent50
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

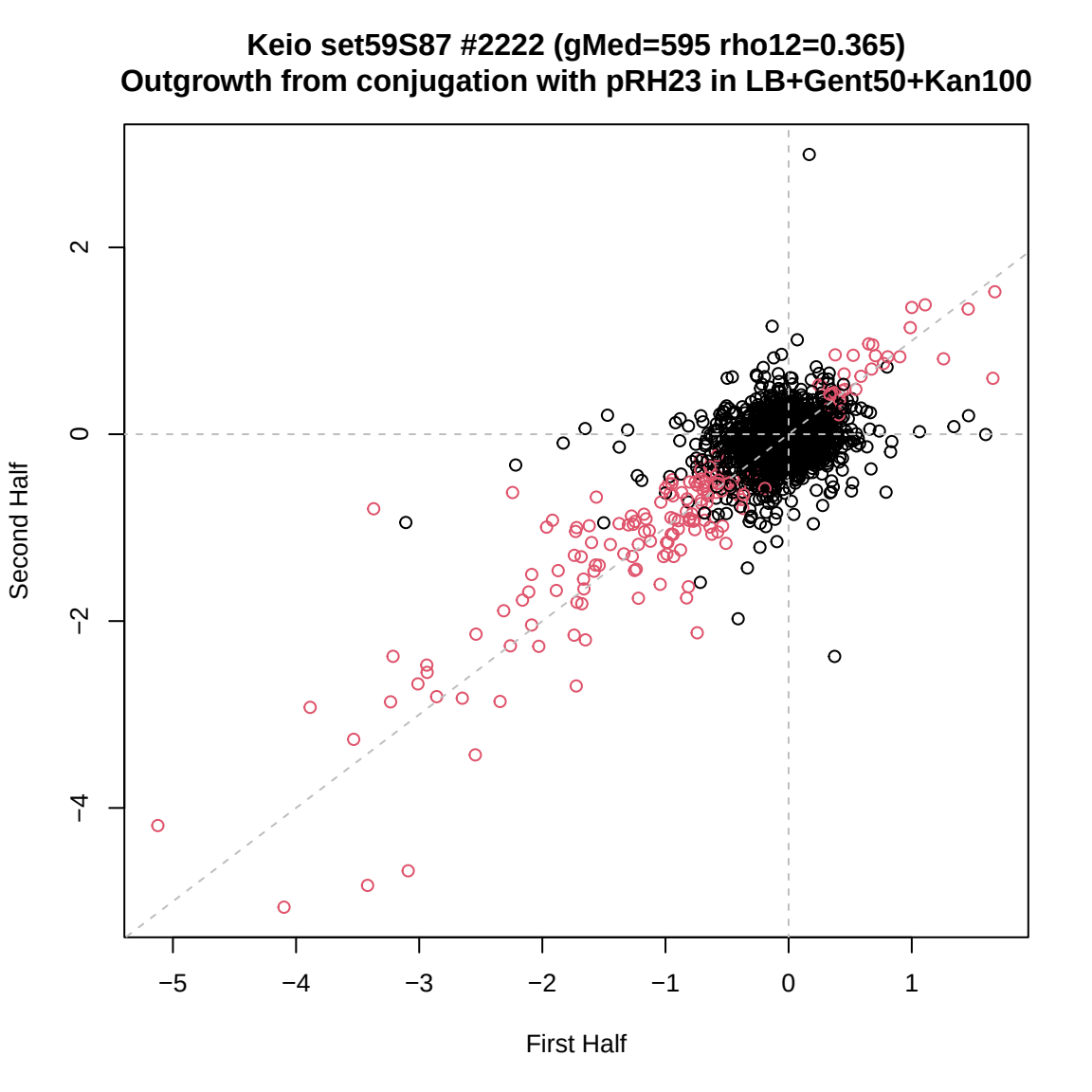

Keio set59S82 #2217 (gMed=536 rho12=0.356)
Outgrowth from conjugation with pRH22 in LB+Gent50+Kan100
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0
2

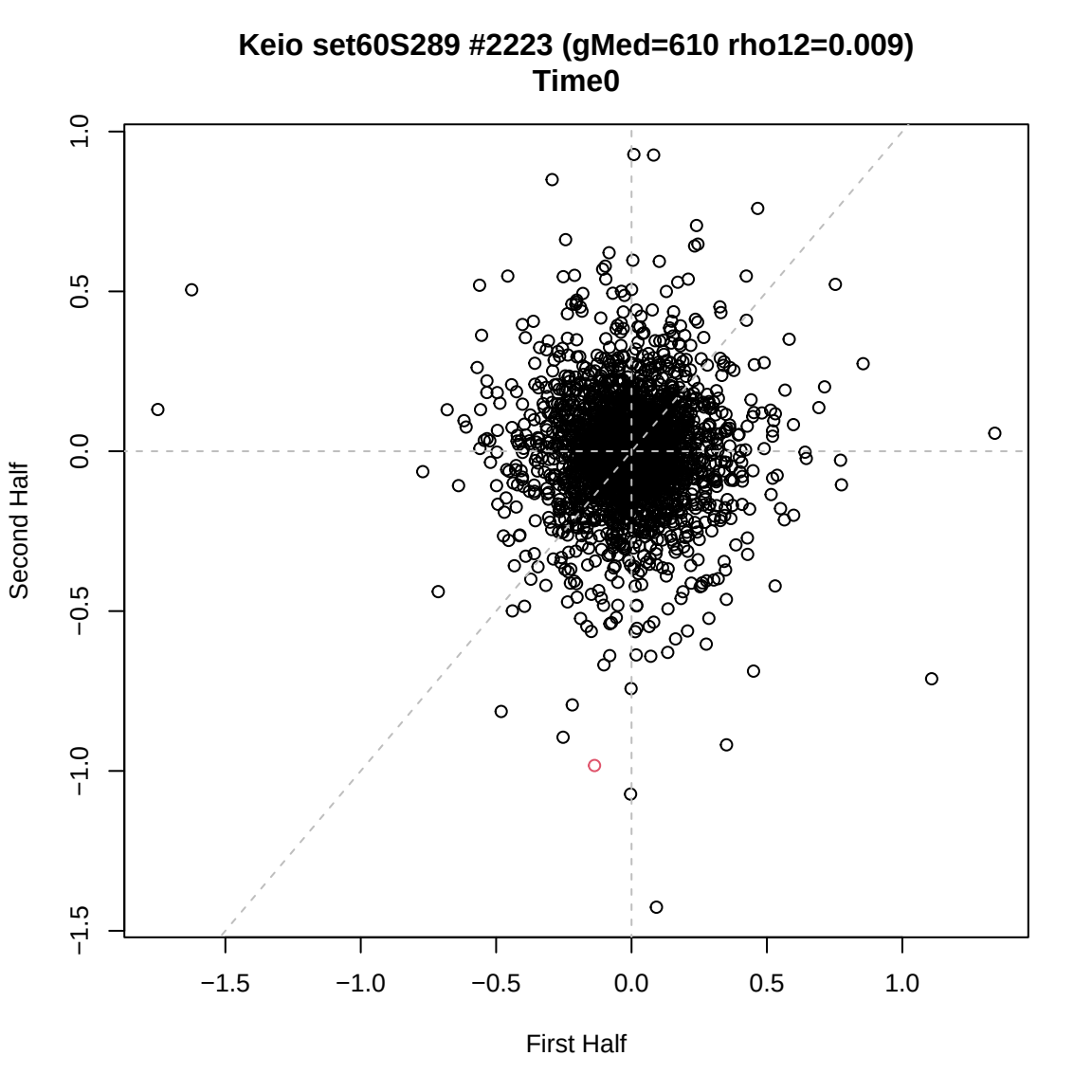

Keio set59S83 #2218 (gMed=541 rho12=0.332)
Outgrowth from conjugation with pRH22 in LB+Gent50+Kan100
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0
2

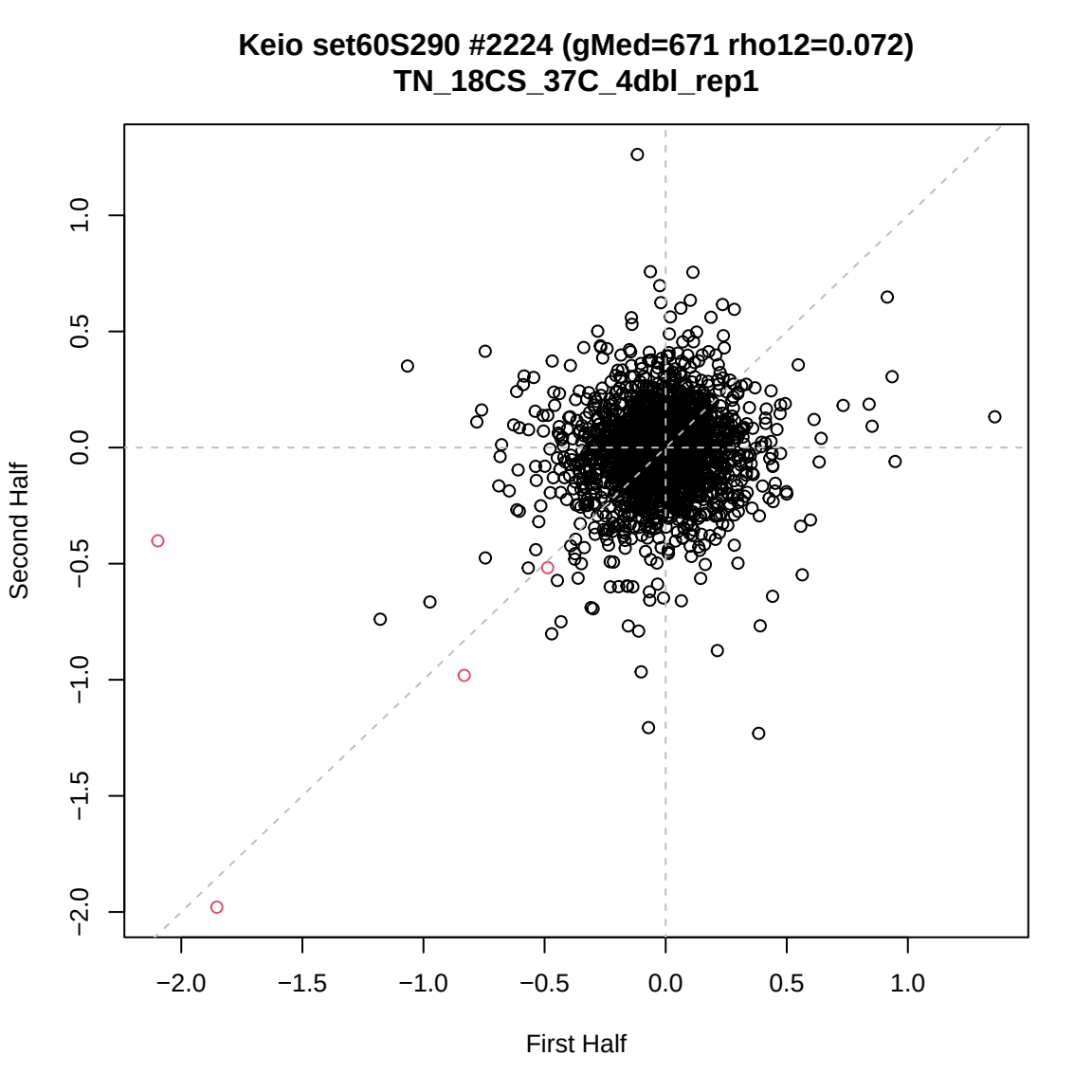

Keio set59S84 #2219 (gMed=446 rho12=0.372)
Outgrowth from conjugation with pRH23 in LB+Gent50
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

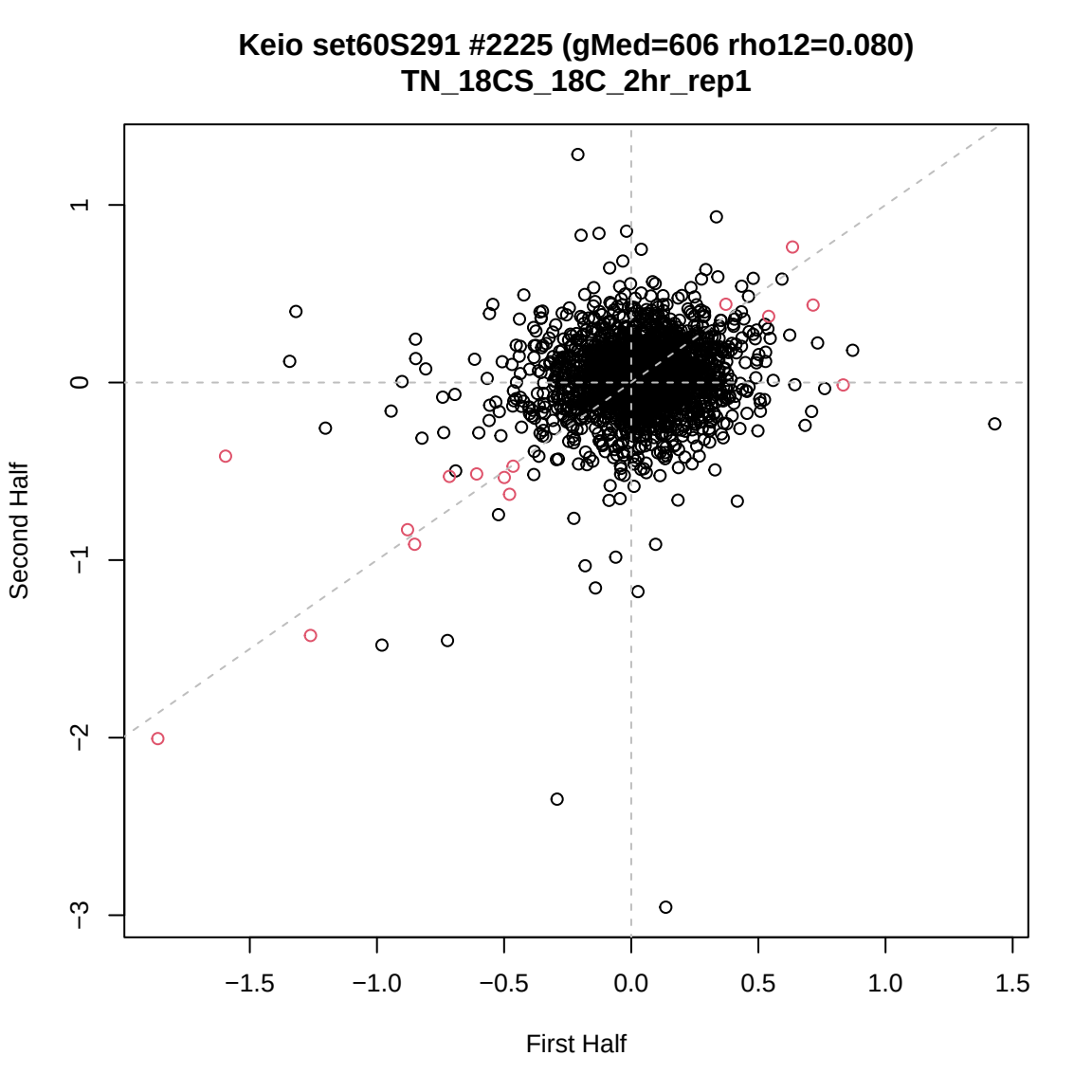

Keio set59S85 #2220 (gMed=519 rho12=0.391)
Outgrowth from conjugation with pRH23 in LB+Gent50
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0

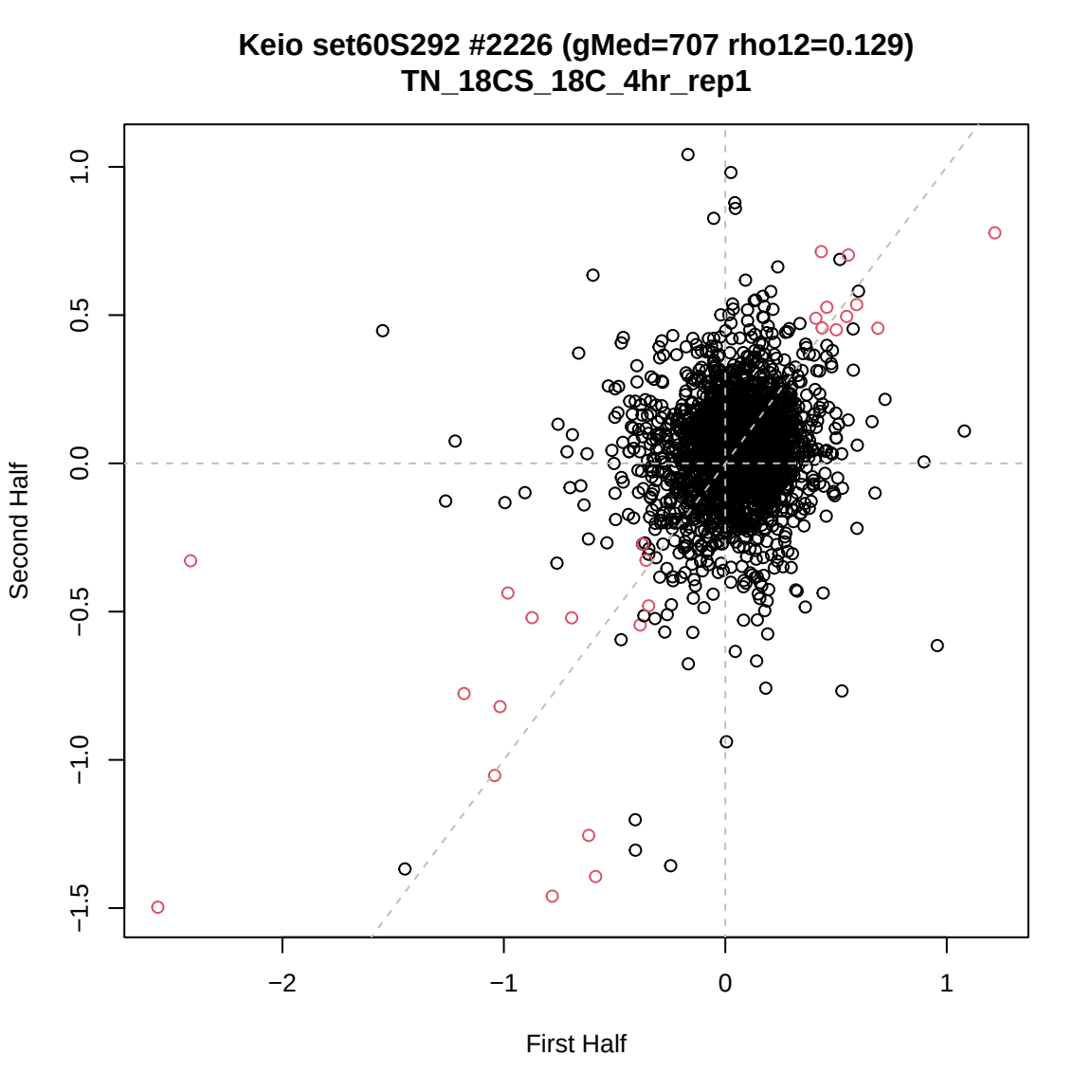

Keio set59S86 #2221 (gMed=466 rho12=0.341)
Outgrowth from conjugation with pRH23 in LB+Gent50+Kan100
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

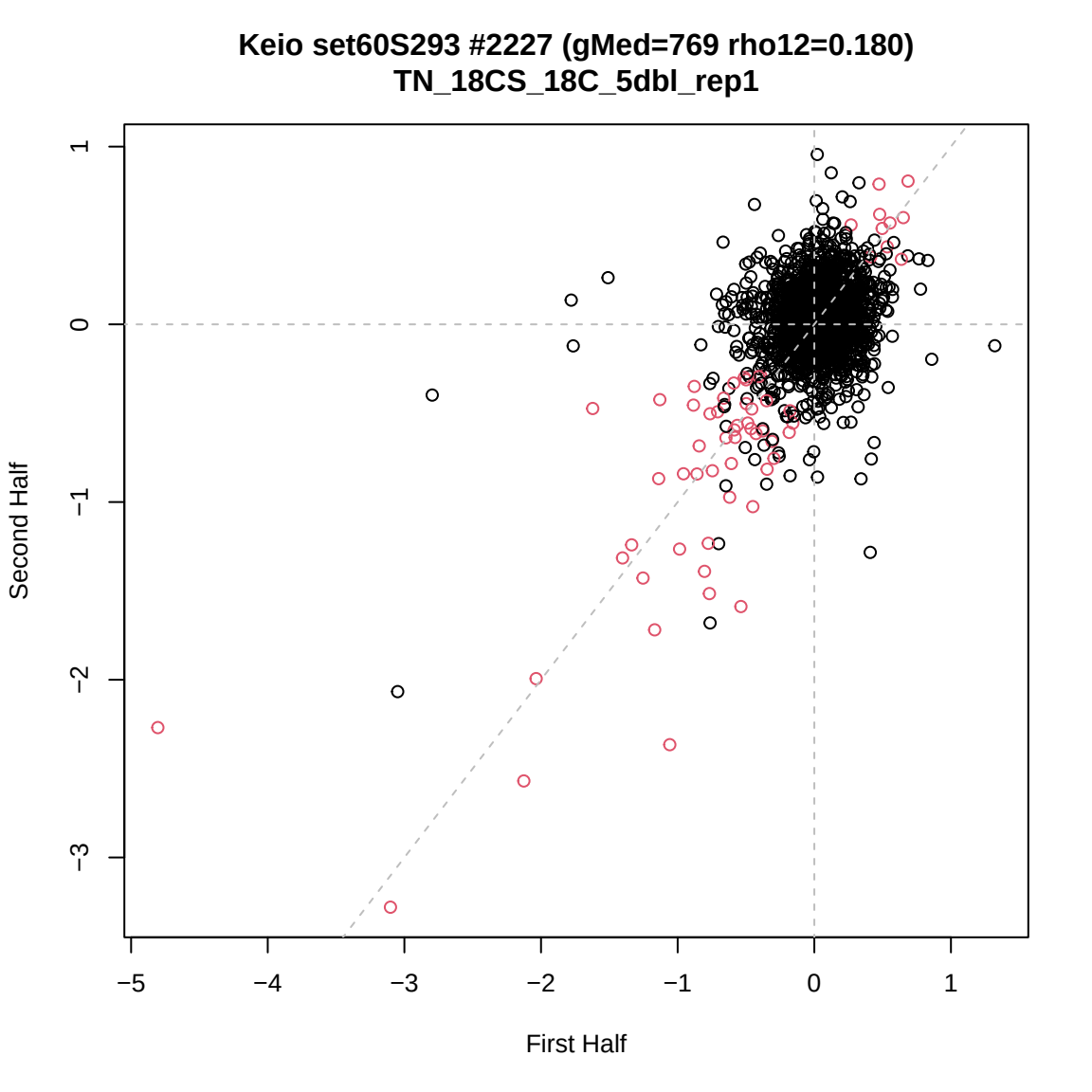

Keio set59S87 #2222 (gMed=595 rho12=0.365)
Outgrowth from conjugation with pRH23 in LB+Gent50+Kan100
Second Half
First Half
2
0
−2
−4
−5
−4
−3
−2
−1
0
1

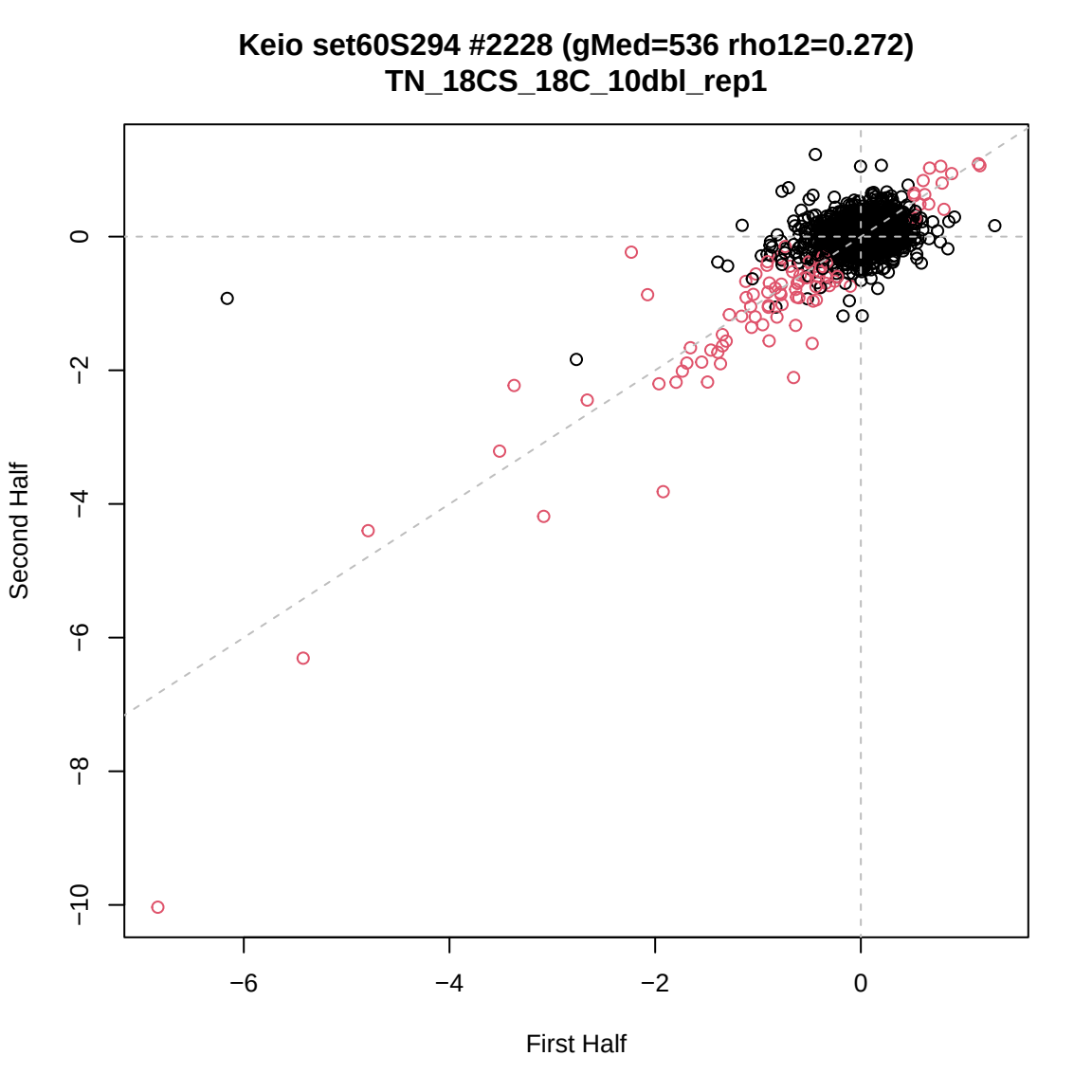

Keio set60S289 #2223 (gMed=610 rho12=0.009)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

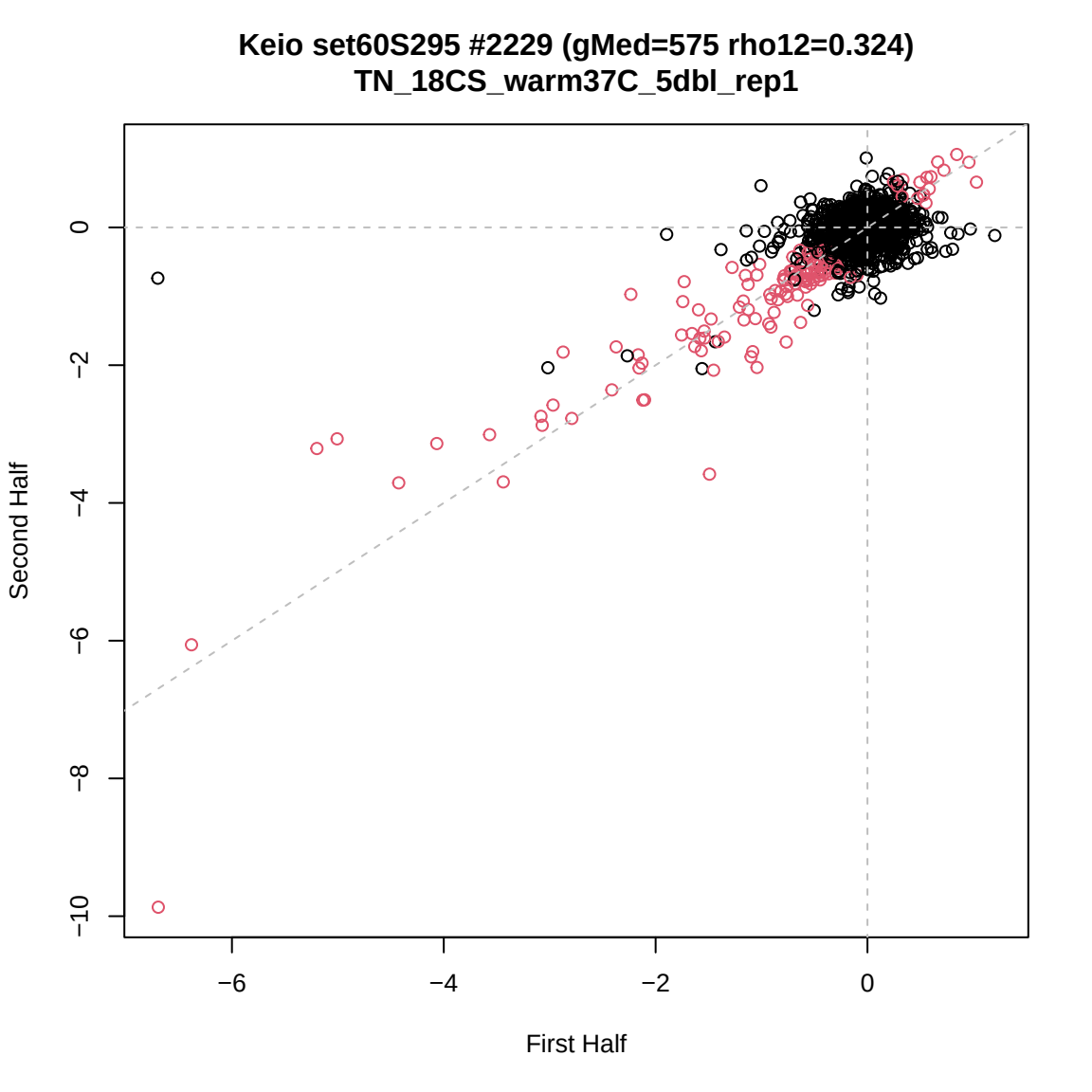

Keio set60S290 #2224 (gMed=671 rho12=0.072)
TN_18CS_37C_4dbl_rep1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

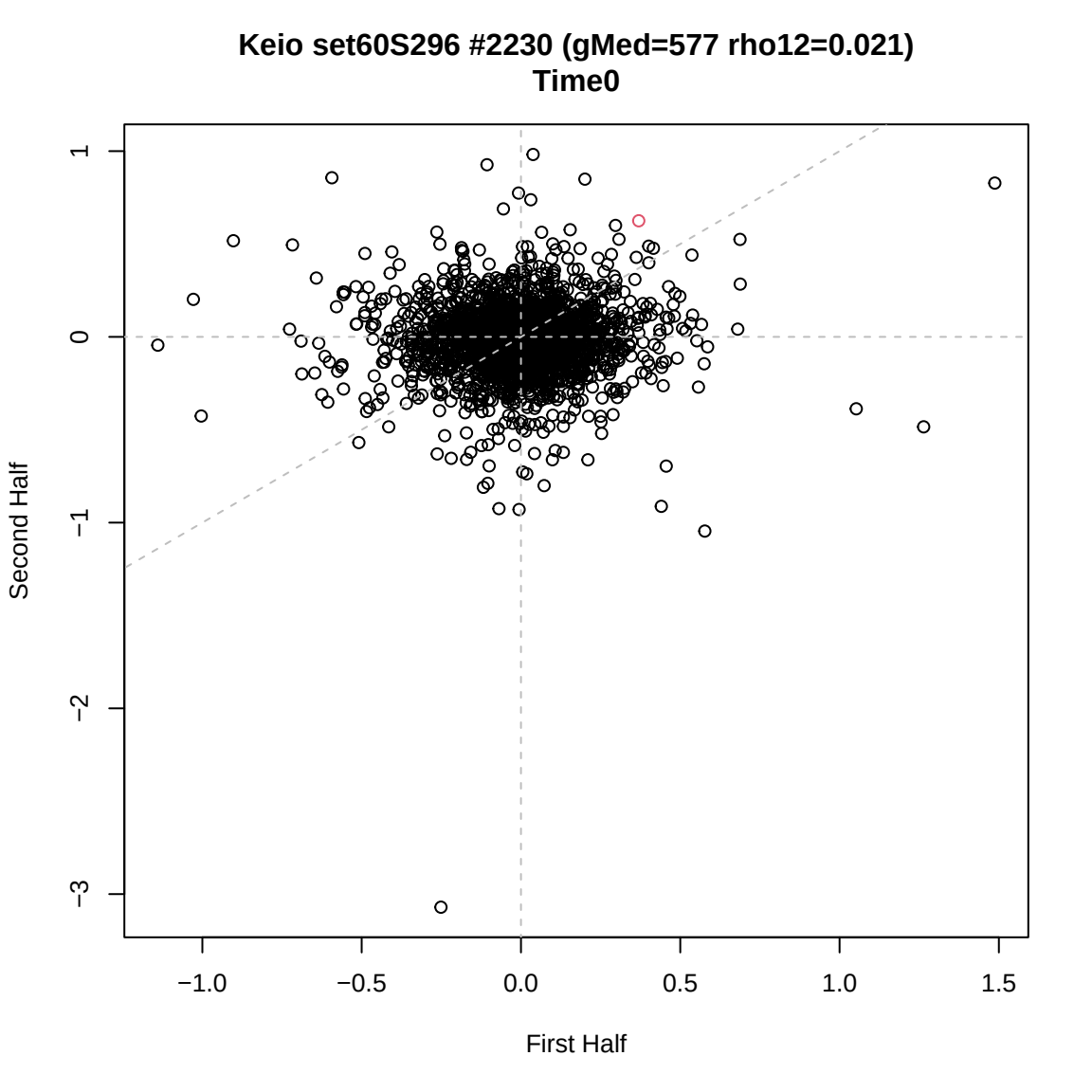

Keio set60S291 #2225 (gMed=606 rho12=0.080)
TN_18CS_18C_2hr_rep1
Second Half
First Half
1
0
−1
−2
−3
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

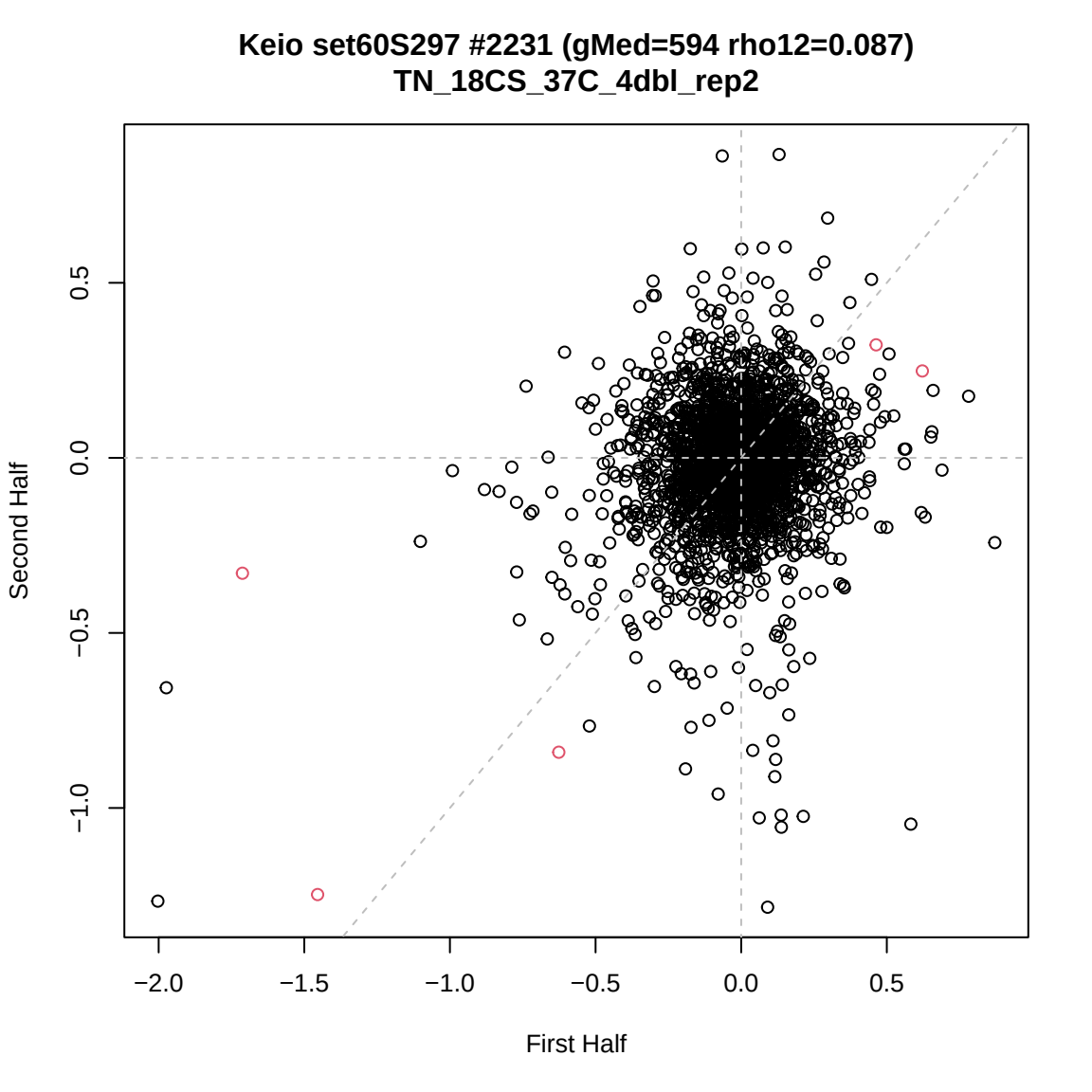

Keio set60S292 #2226 (gMed=707 rho12=0.129)
TN_18CS_18C_4hr_rep1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

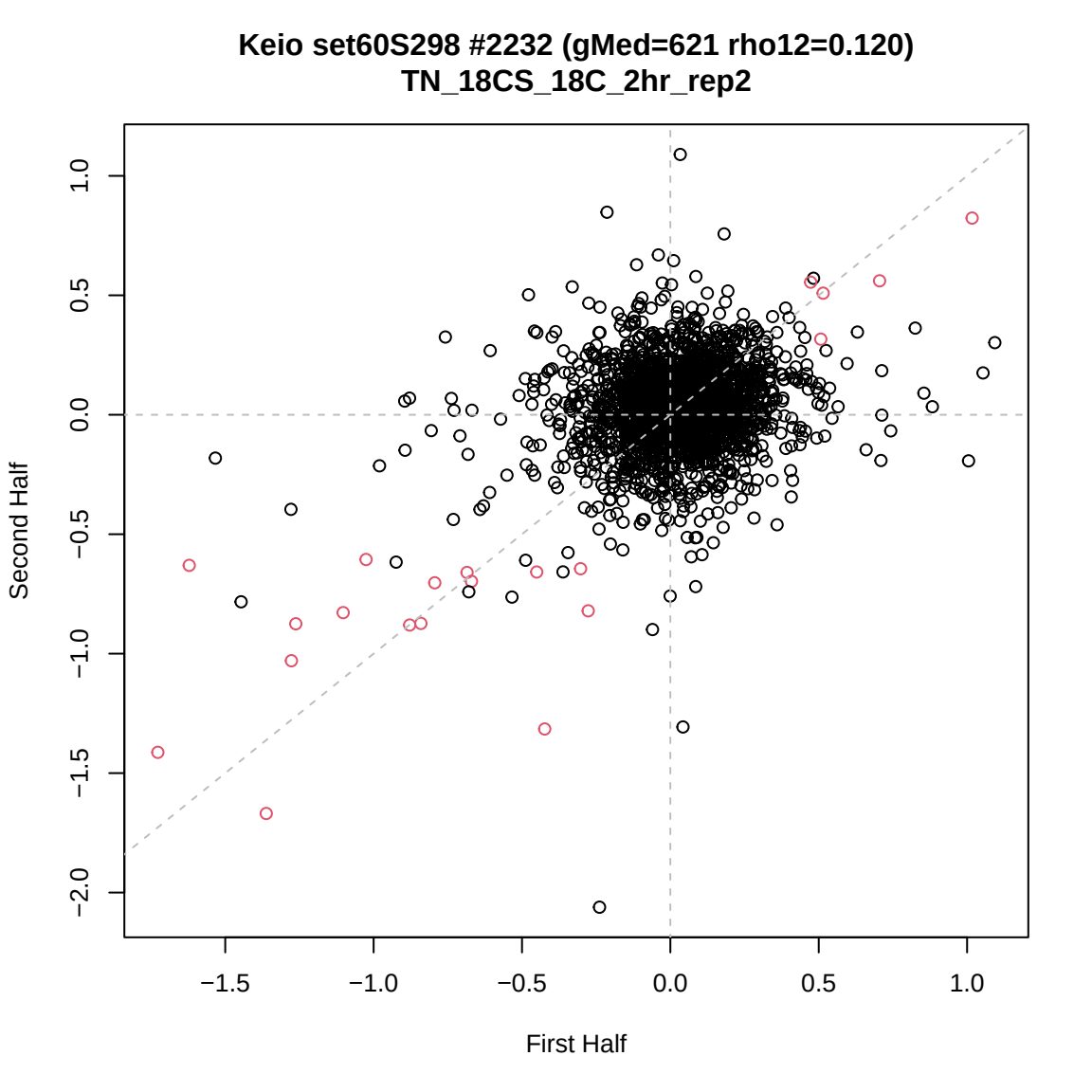

Keio set60S293 #2227 (gMed=769 rho12=0.180)
TN_18CS_18C_5dbl_rep1
Second Half
First Half
1
0
−1
−2
−3
−5
−4
−3
−2
−1
0
1

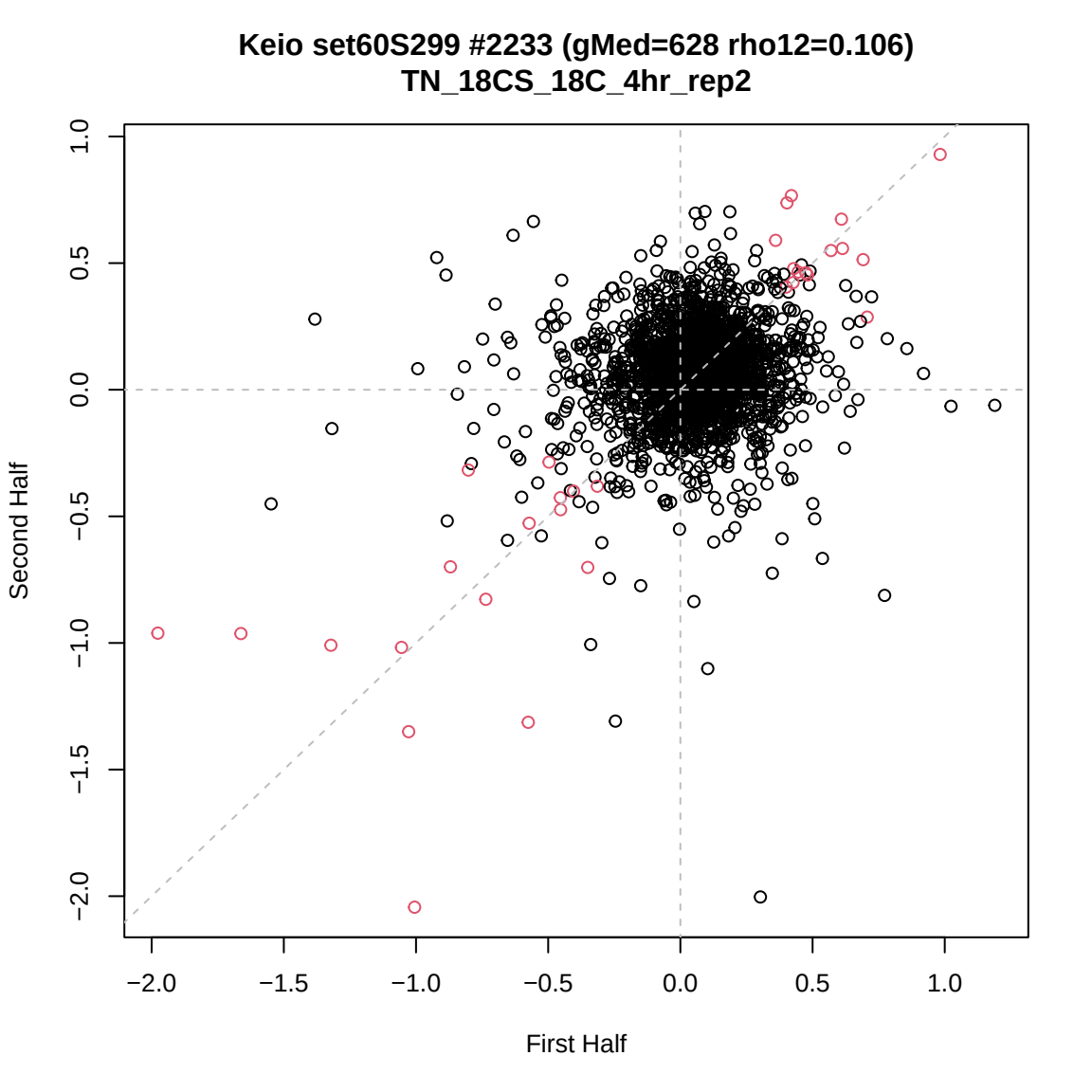

Keio set60S294 #2228 (gMed=536 rho12=0.272)
TN_18CS_18C_10dbl_rep1
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

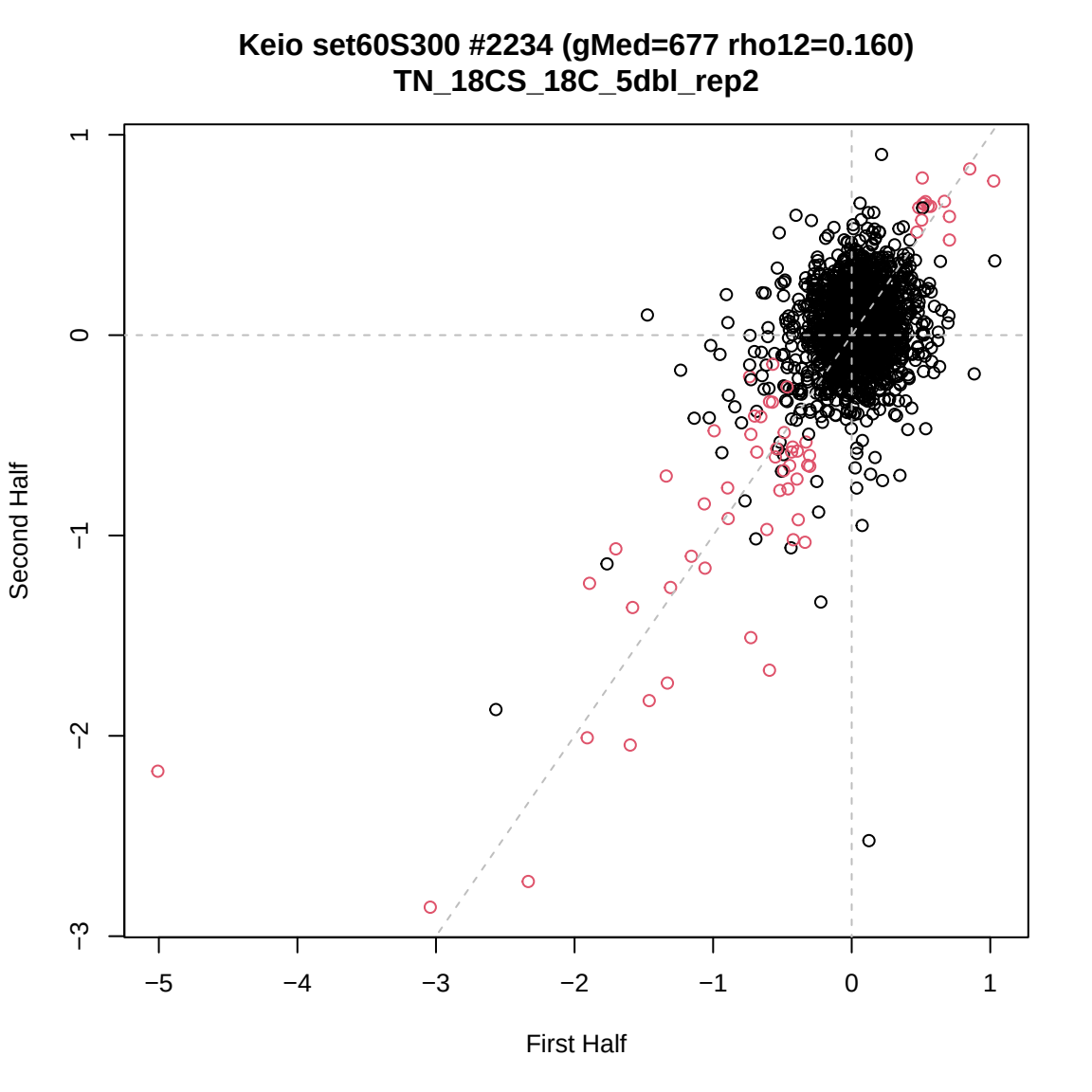

Keio set60S295 #2229 (gMed=575 rho12=0.324)
TN_18CS_warm37C_5dbl_rep1
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

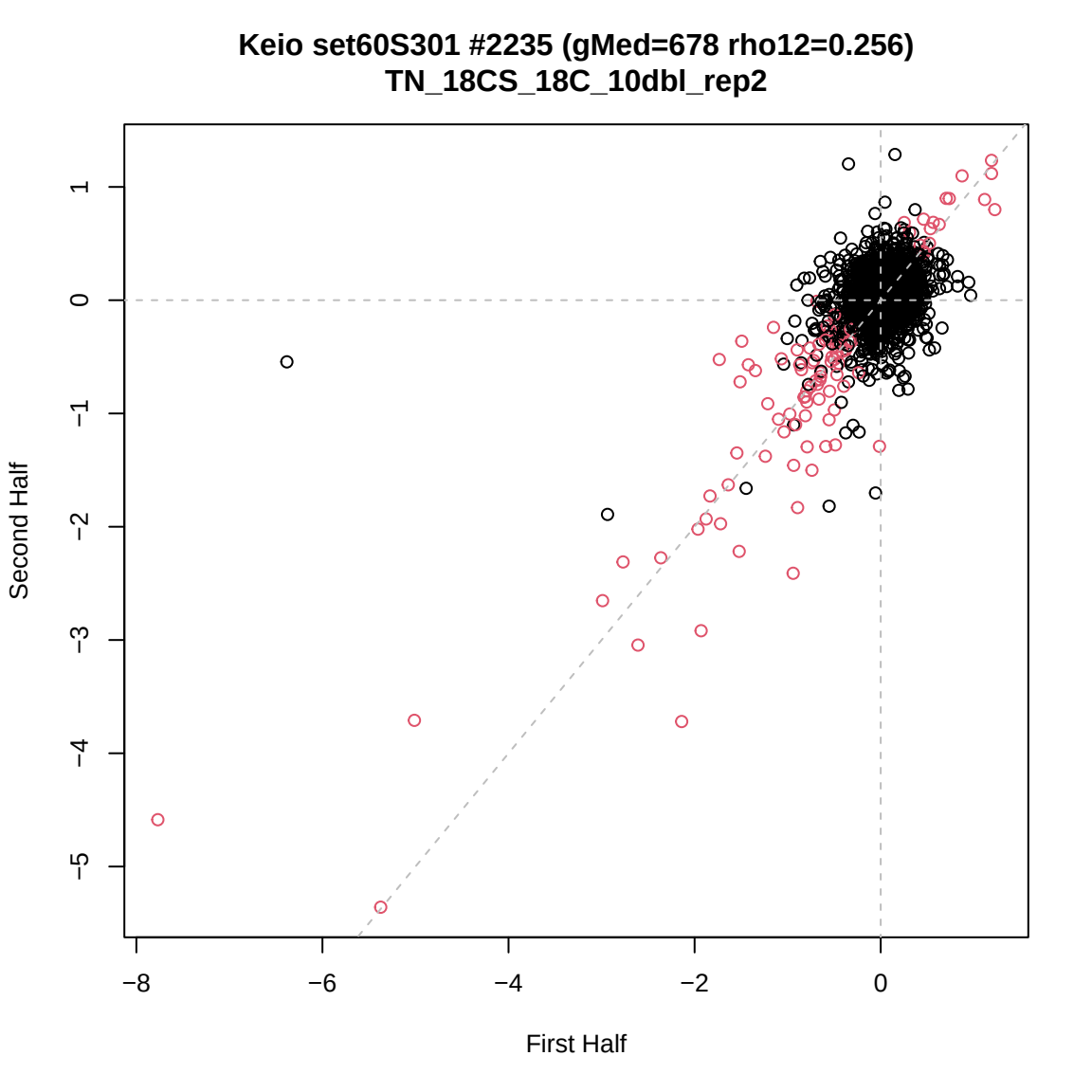

Keio set60S296 #2230 (gMed=577 rho12=0.021)
Time0
Second Half
First Half
1
0
−1
−2
−3
−1.0
−0.5
0.0
0.5
1.0
1.5

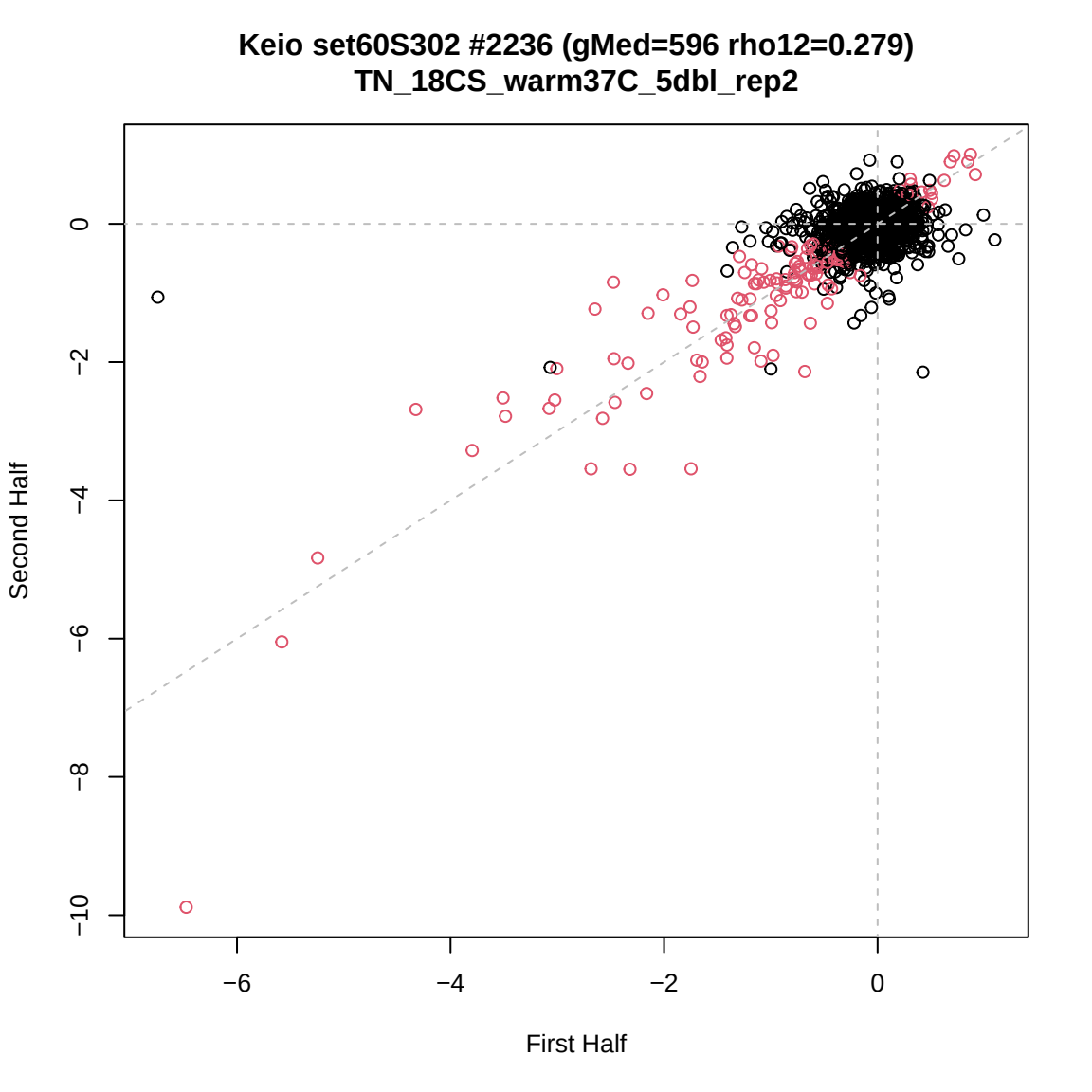

Keio set60S297 #2231 (gMed=594 rho12=0.087)
TN_18CS_37C_4dbl_rep2
Second Half
First Half
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5

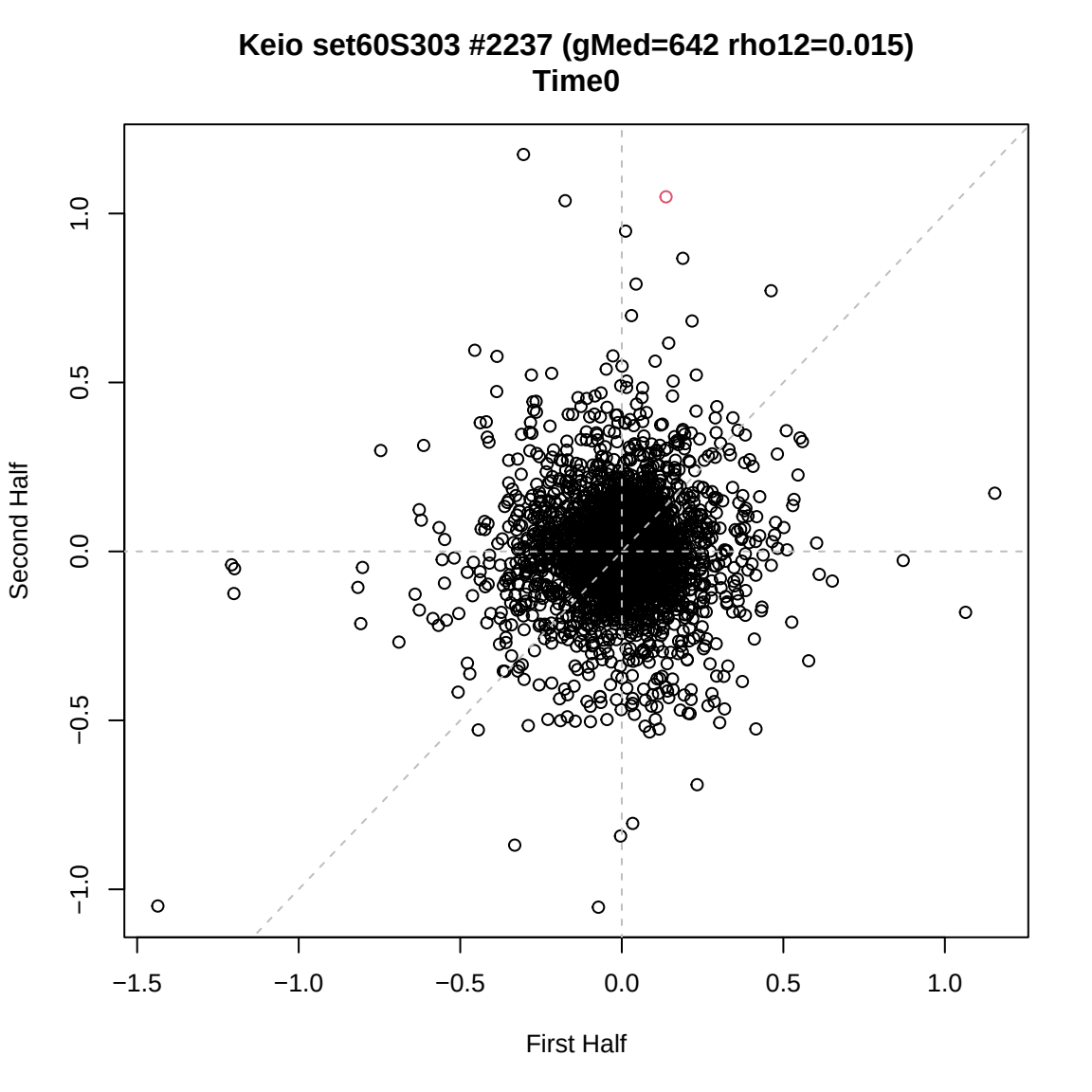

Keio set60S298 #2232 (gMed=621 rho12=0.120)
TN_18CS_18C_2hr_rep2
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

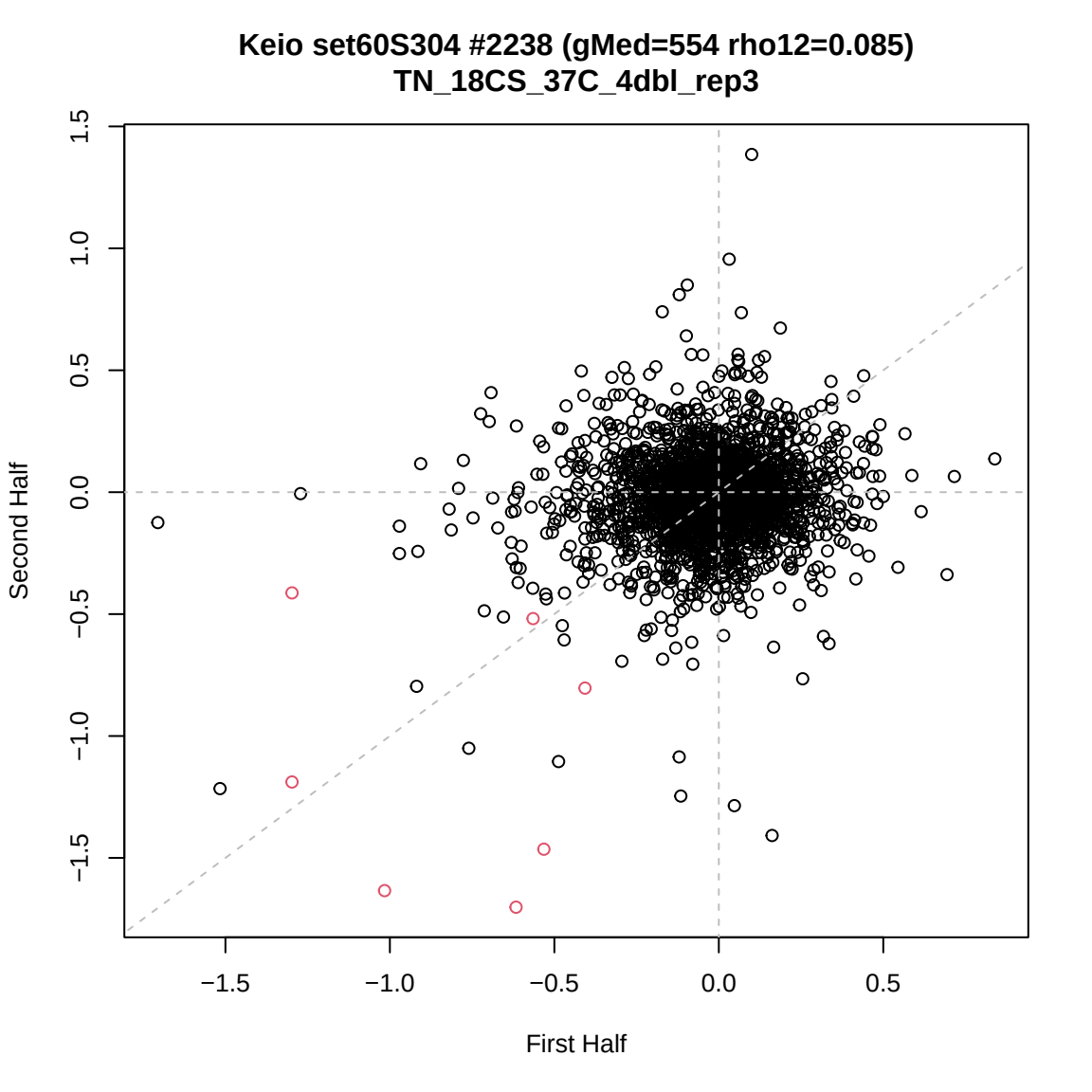

Keio set60S299 #2233 (gMed=628 rho12=0.106)
TN_18CS_18C_4hr_rep2
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

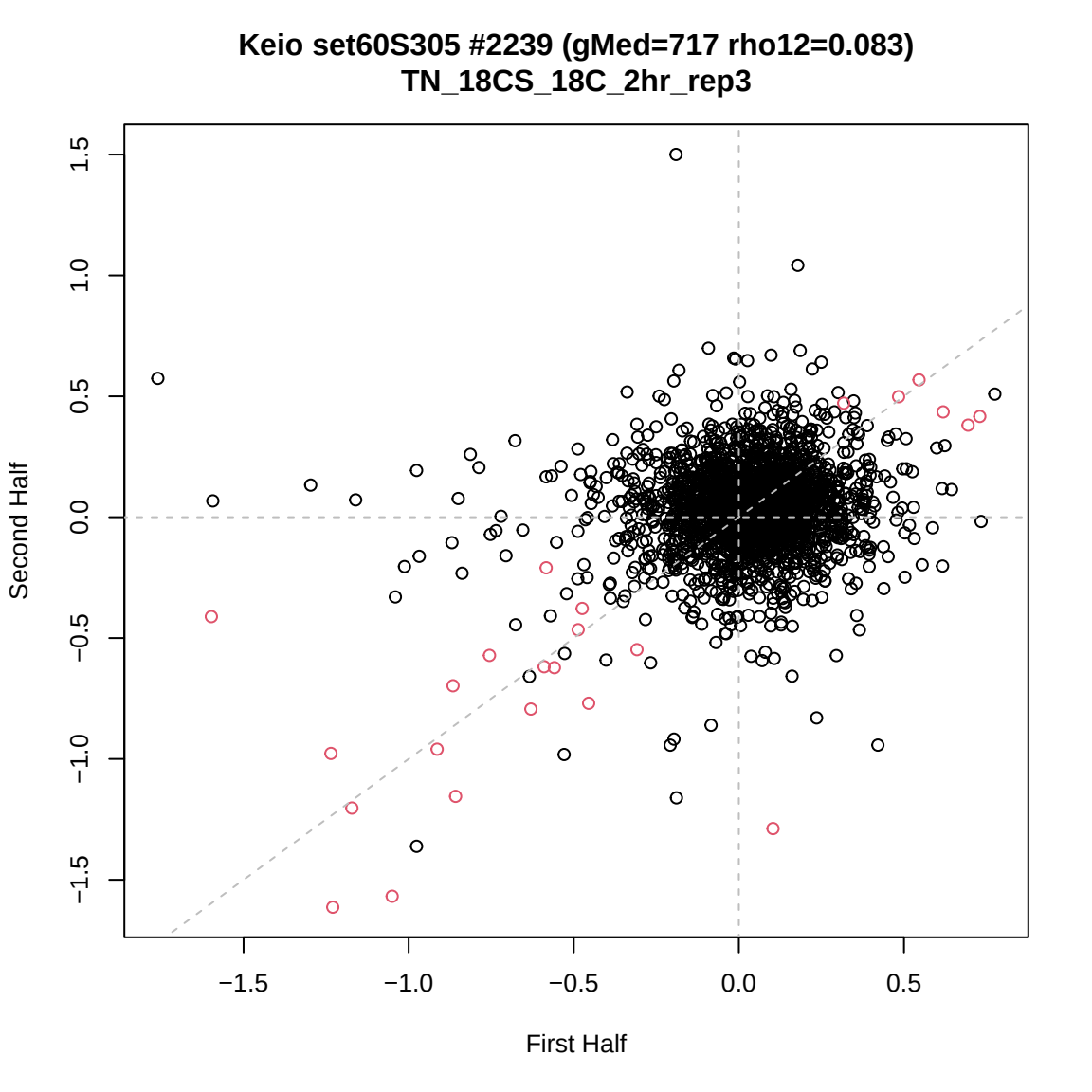

Keio set60S300 #2234 (gMed=677 rho12=0.160)
TN_18CS_18C_5dbl_rep2
Second Half
First Half
1
0
−1
−2
−3
−5
−4
−3
−2
−1
0
1

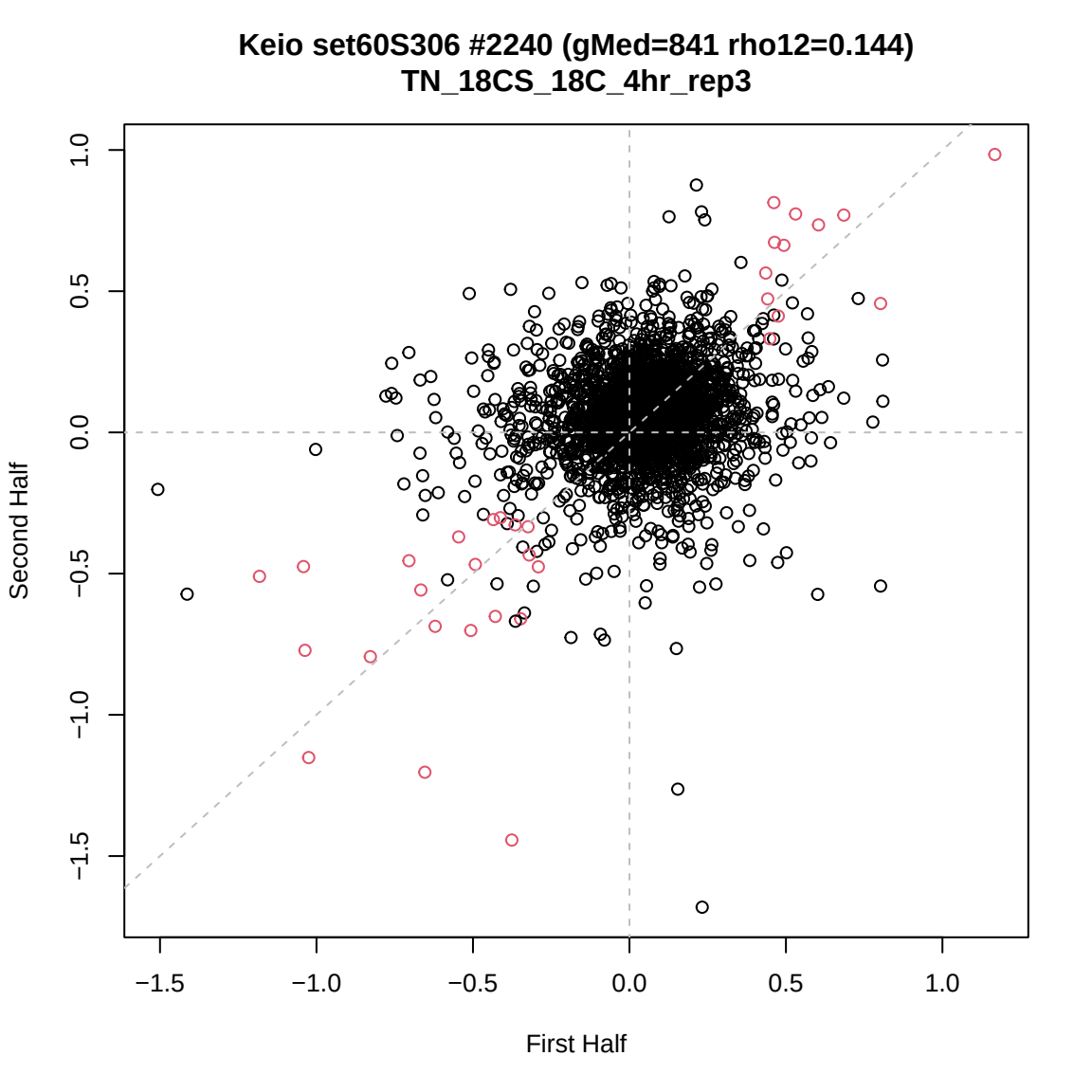

Keio set60S301 #2235 (gMed=678 rho12=0.256)
TN_18CS_18C_10dbl_rep2
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−8
−6
−4
−2
0

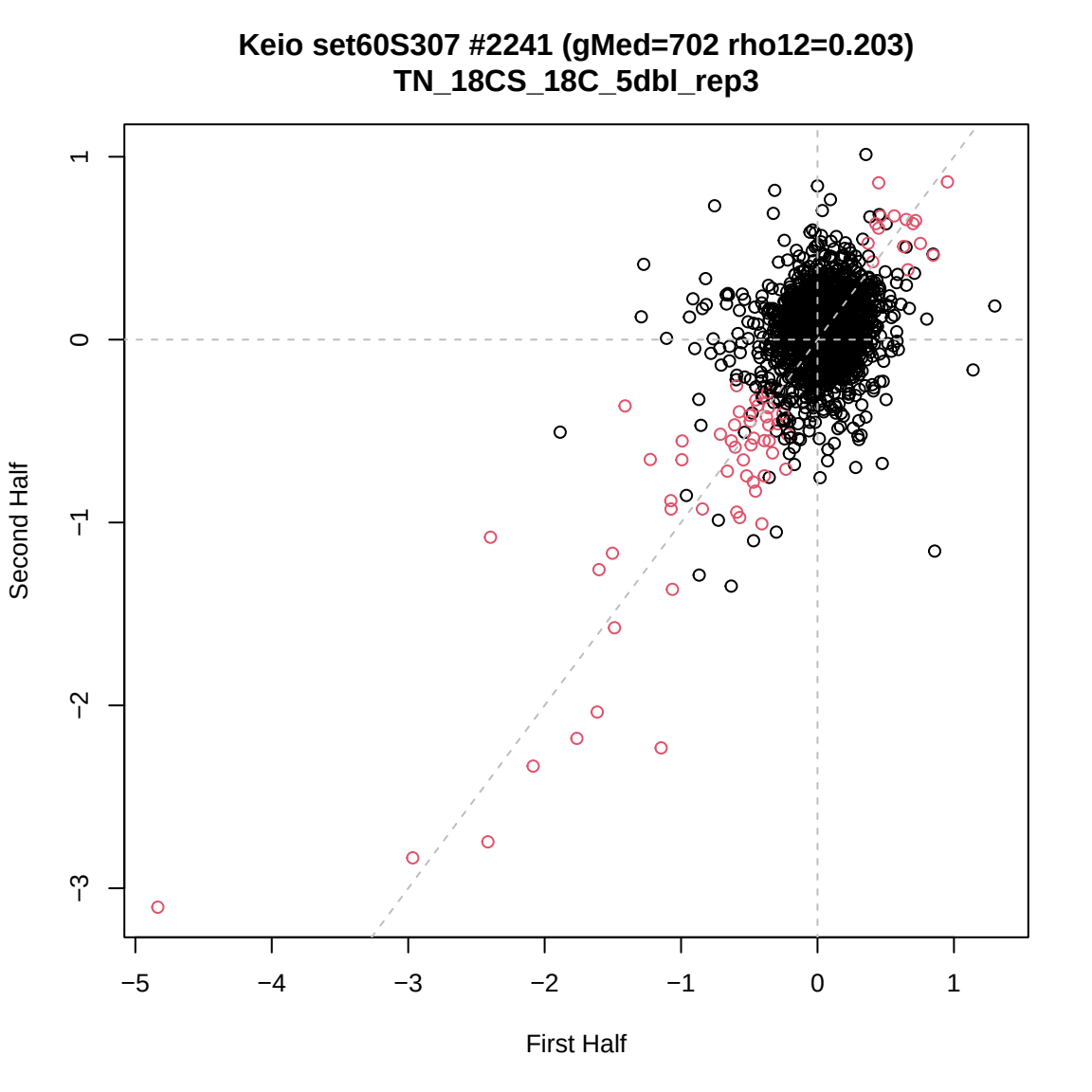

Keio set60S302 #2236 (gMed=596 rho12=0.279)
TN_18CS_warm37C_5dbl_rep2
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

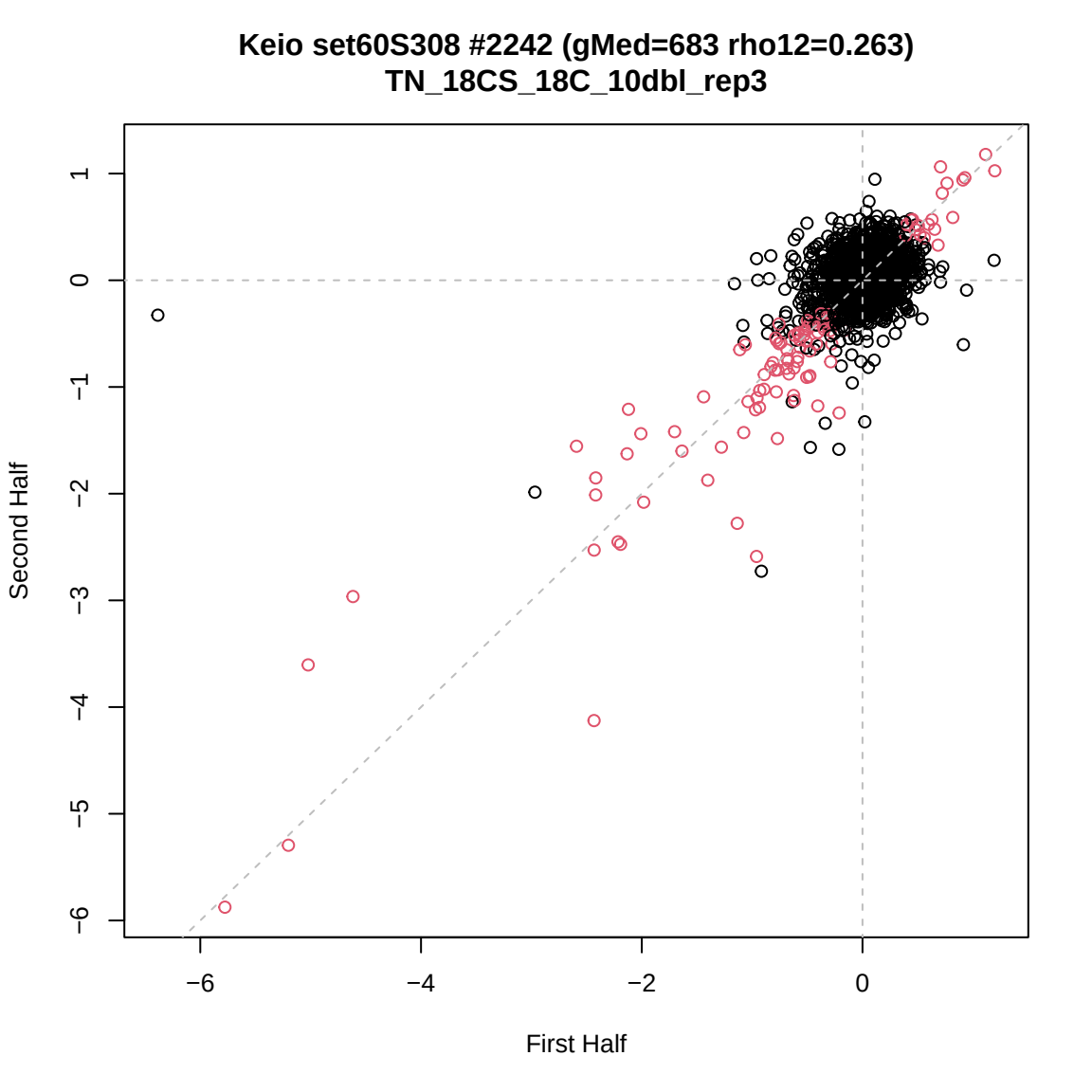

Keio set60S303 #2237 (gMed=642 rho12=0.015)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

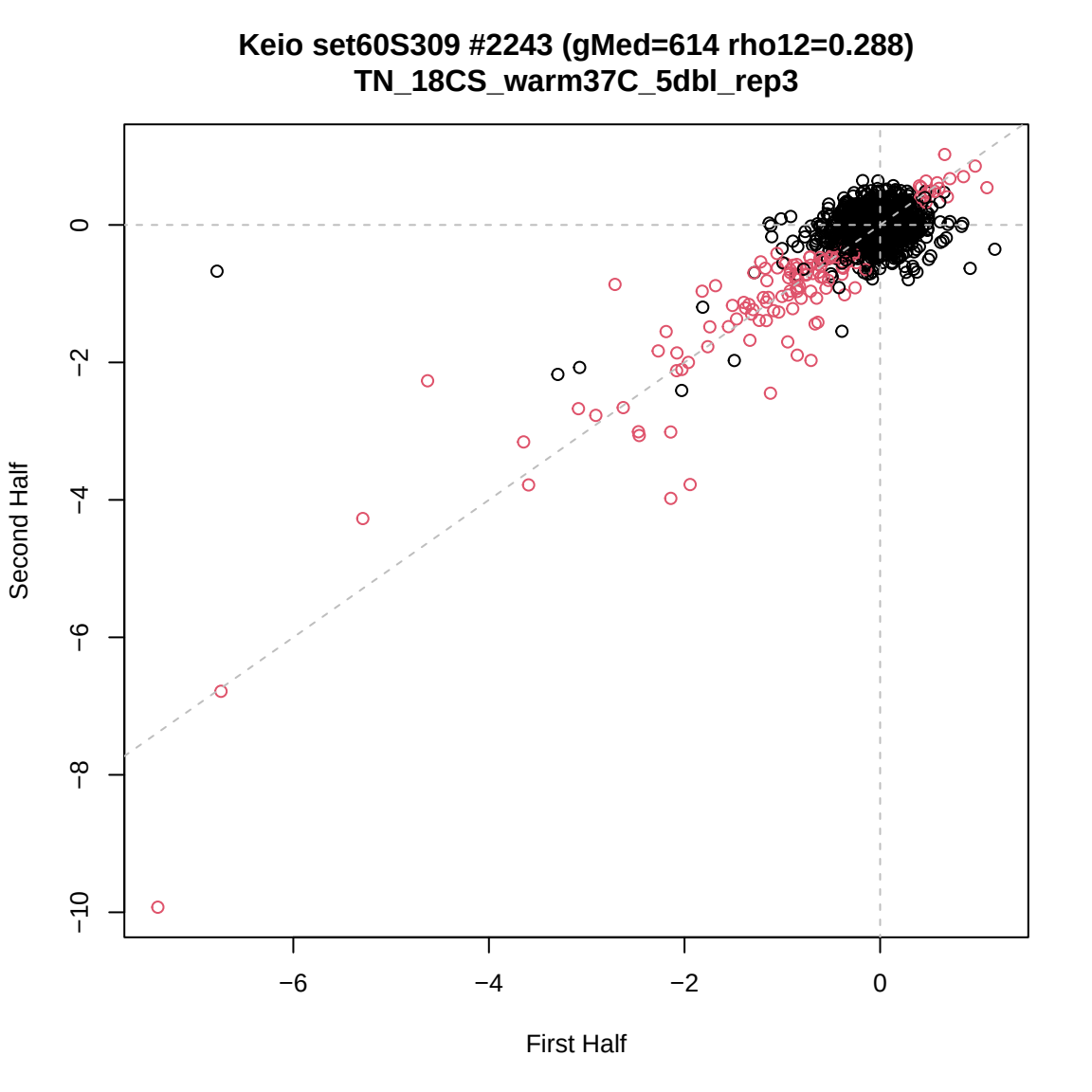

Keio set60S304 #2238 (gMed=554 rho12=0.085)
TN_18CS_37C_4dbl_rep3
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5

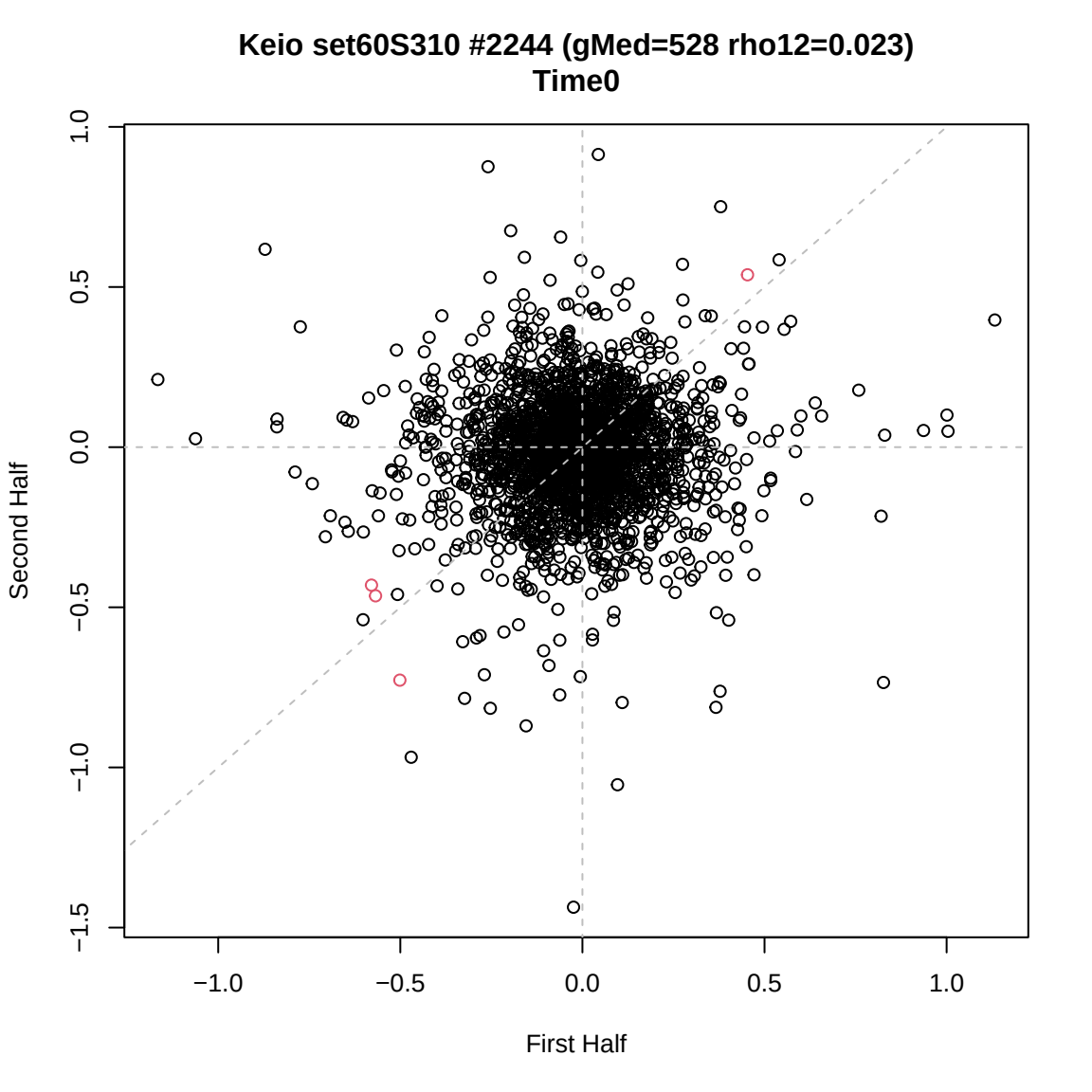

Keio set60S305 #2239 (gMed=717 rho12=0.083)
TN_18CS_18C_2hr_rep3
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5

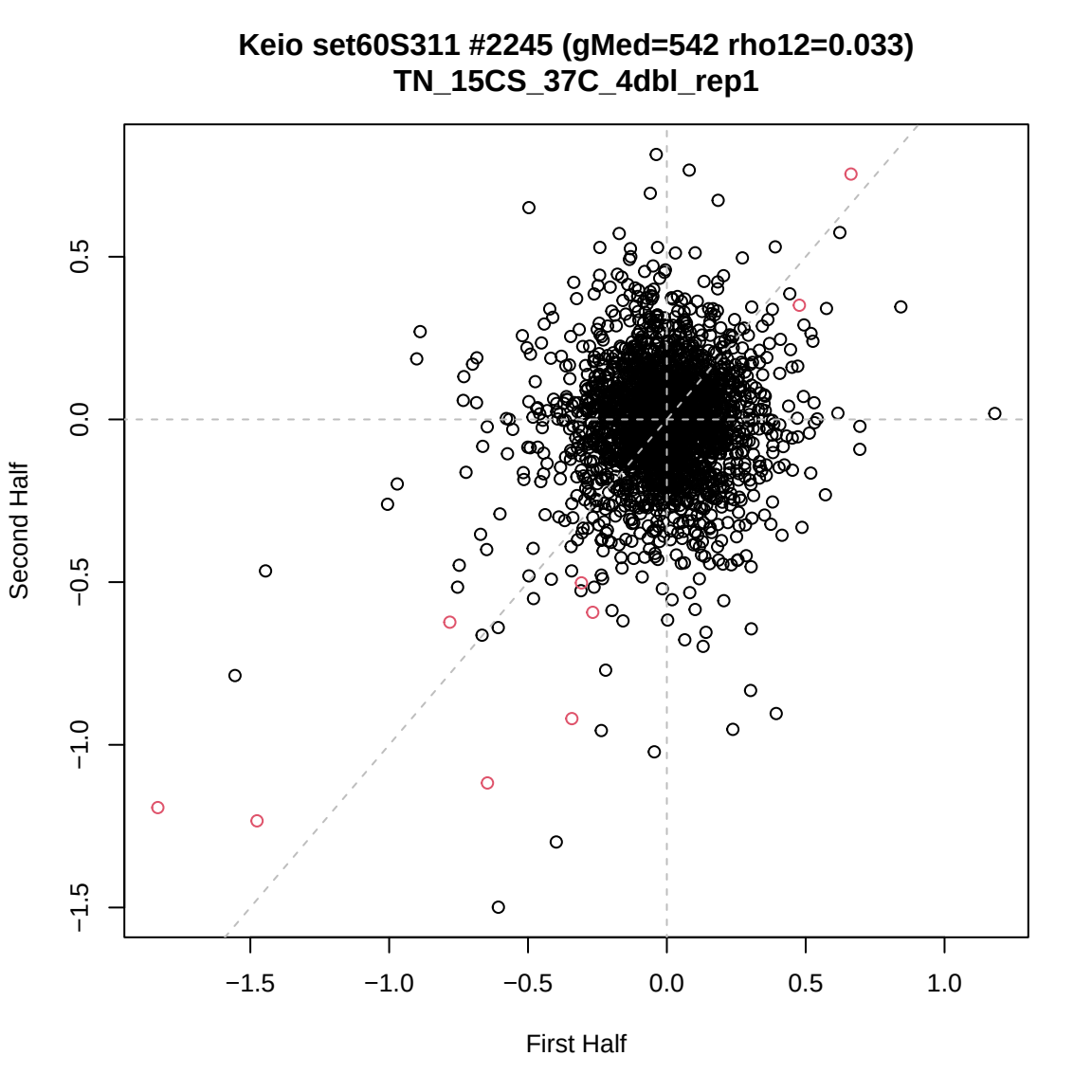

Keio set60S306 #2240 (gMed=841 rho12=0.144)
TN_18CS_18C_4hr_rep3
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

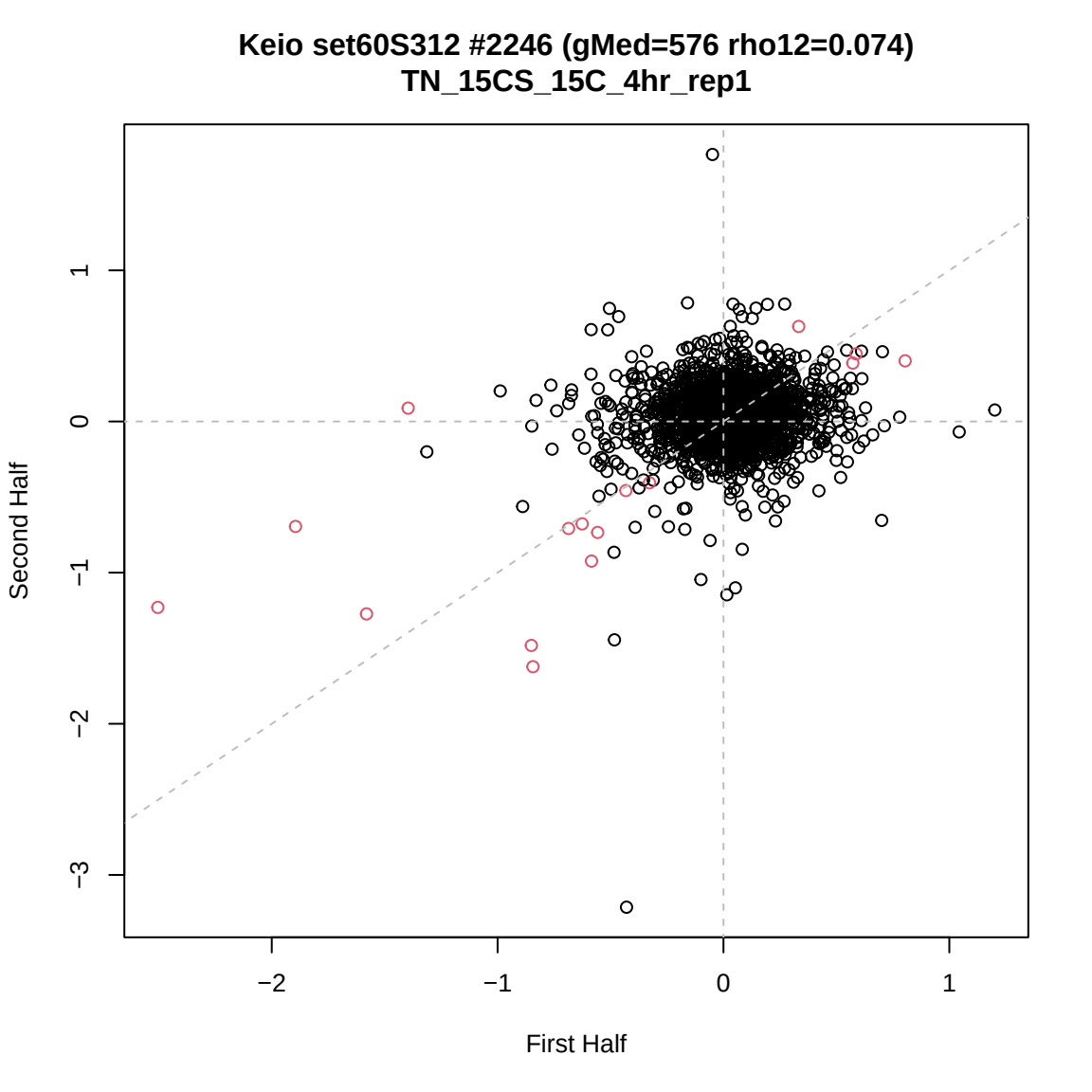

Keio set60S307 #2241 (gMed=702 rho12=0.203)
TN_18CS_18C_5dbl_rep3
Second Half
First Half
1
0
−1
−2
−3
−5
−4
−3
−2
−1
0
1

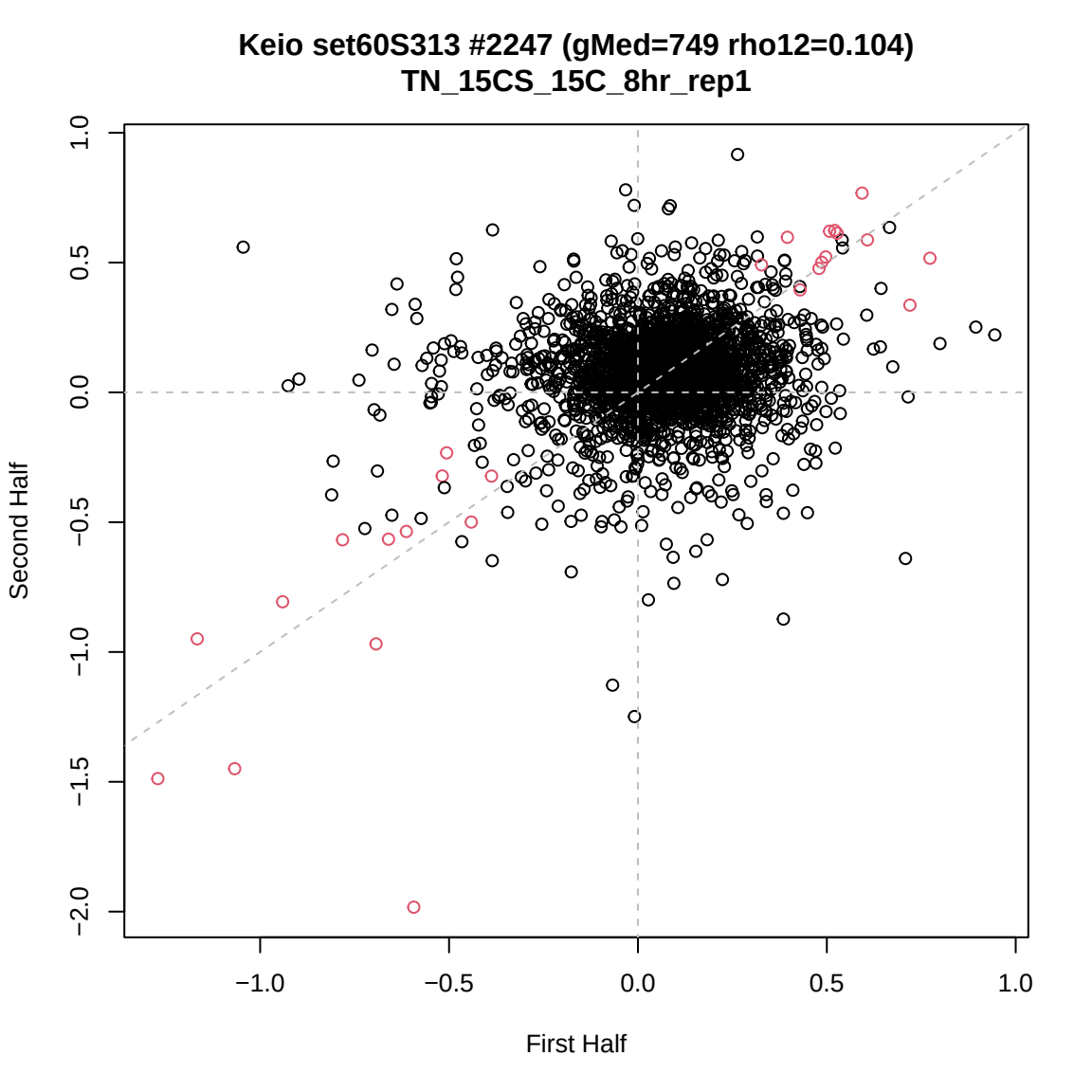

Keio set60S308 #2242 (gMed=683 rho12=0.263)
TN_18CS_18C_10dbl_rep3
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

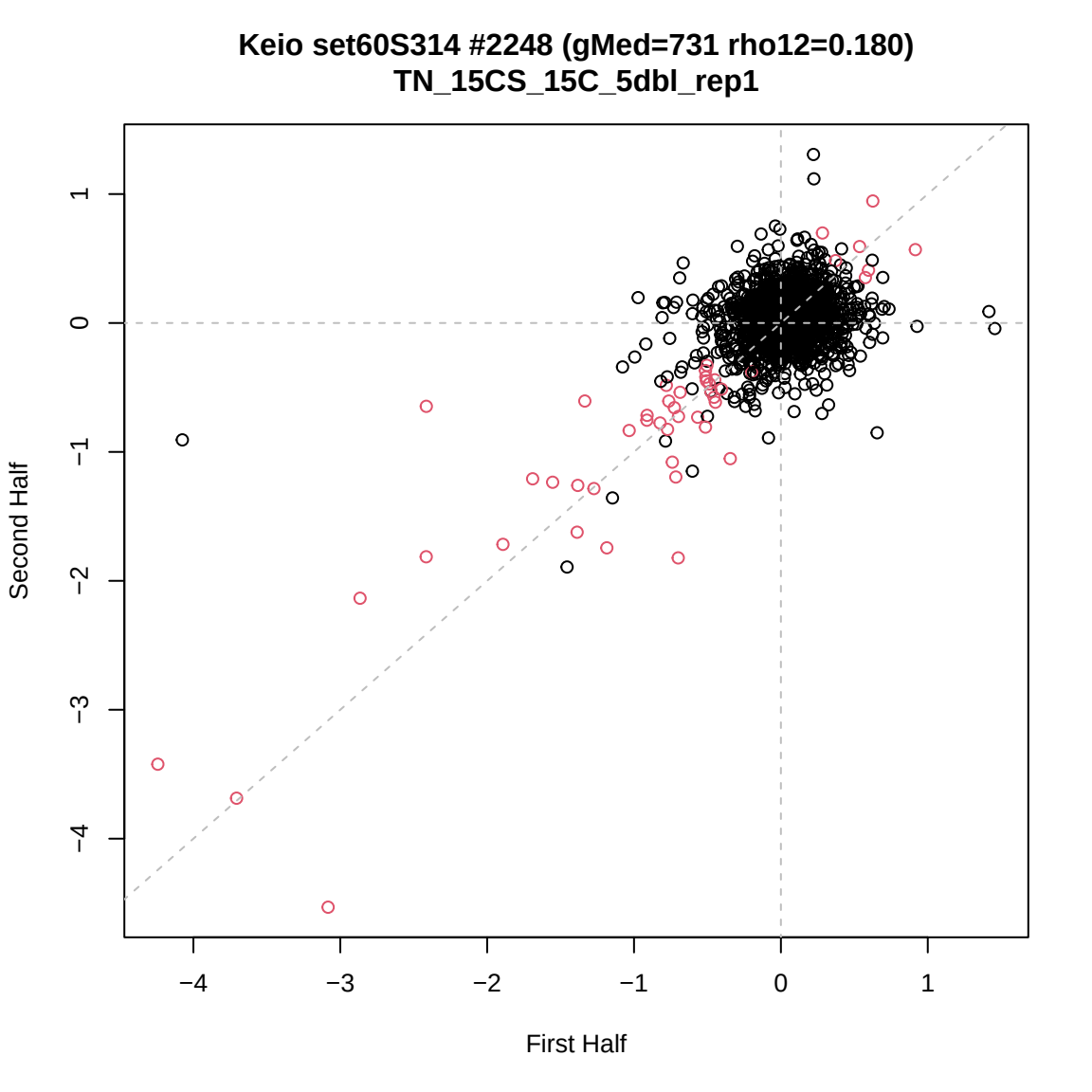

Keio set60S309 #2243 (gMed=614 rho12=0.288)
TN_18CS_warm37C_5dbl_rep3
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

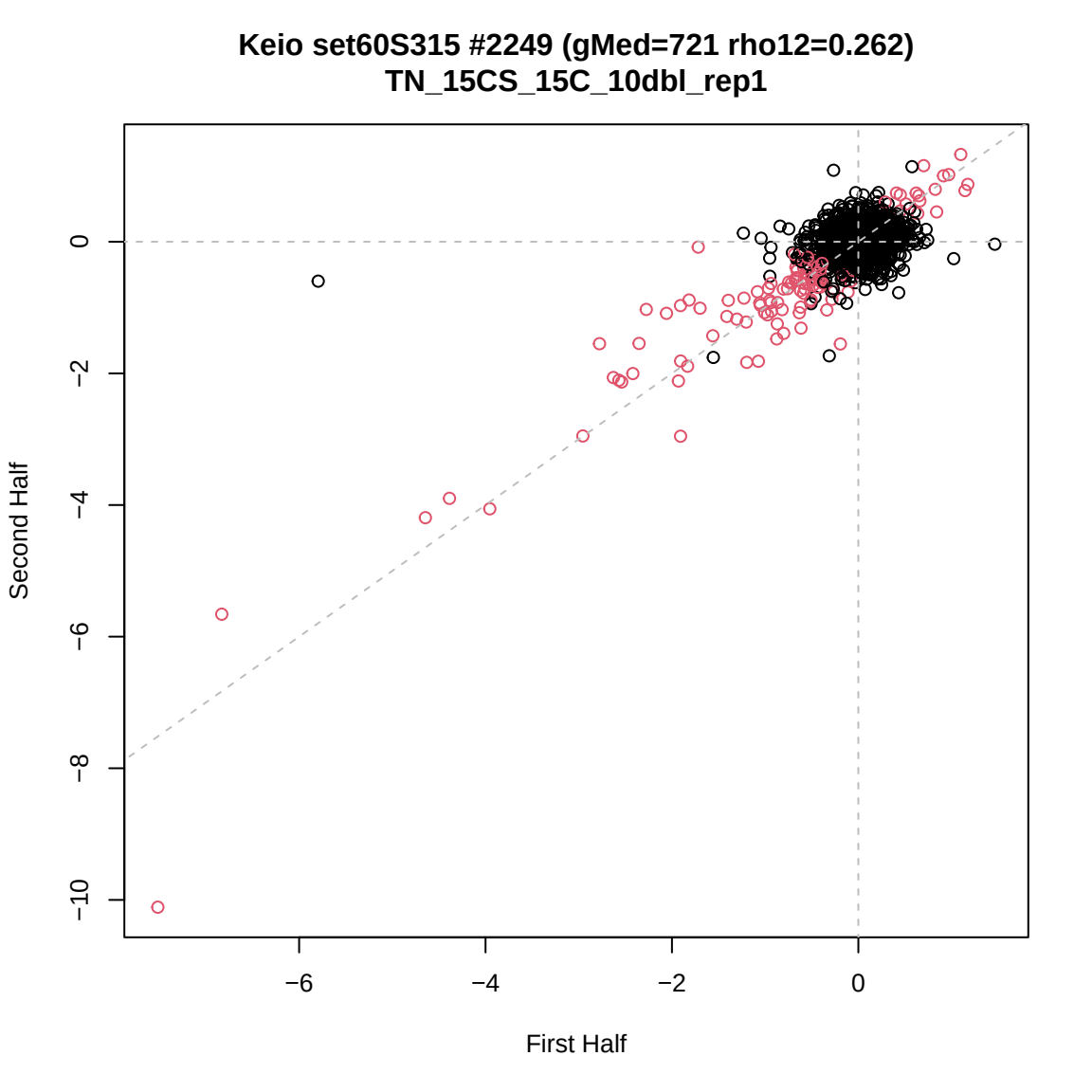

Keio set60S310 #2244 (gMed=528 rho12=0.023)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

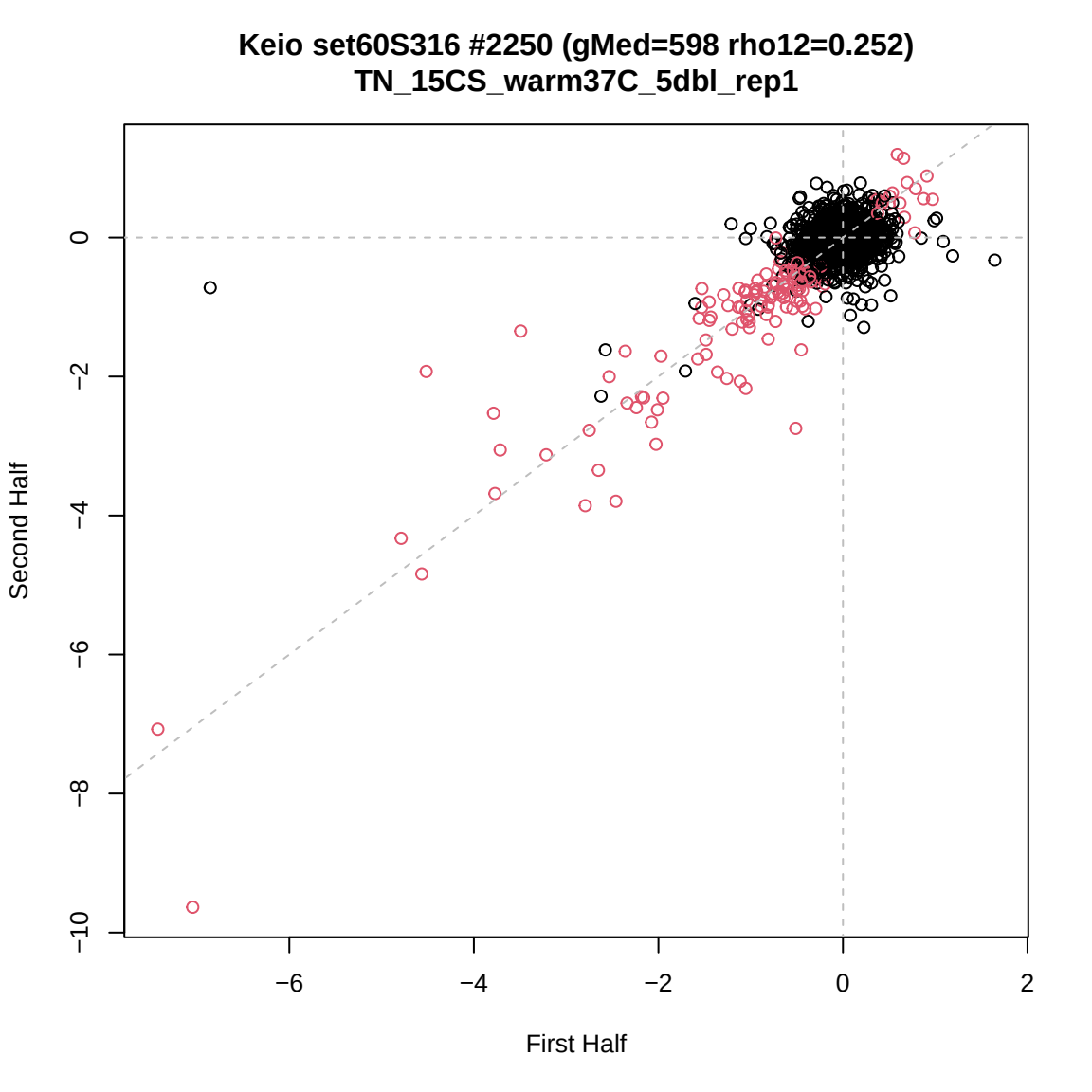

Keio set60S311 #2245 (gMed=542 rho12=0.033)
TN_15CS_37C_4dbl_rep1
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

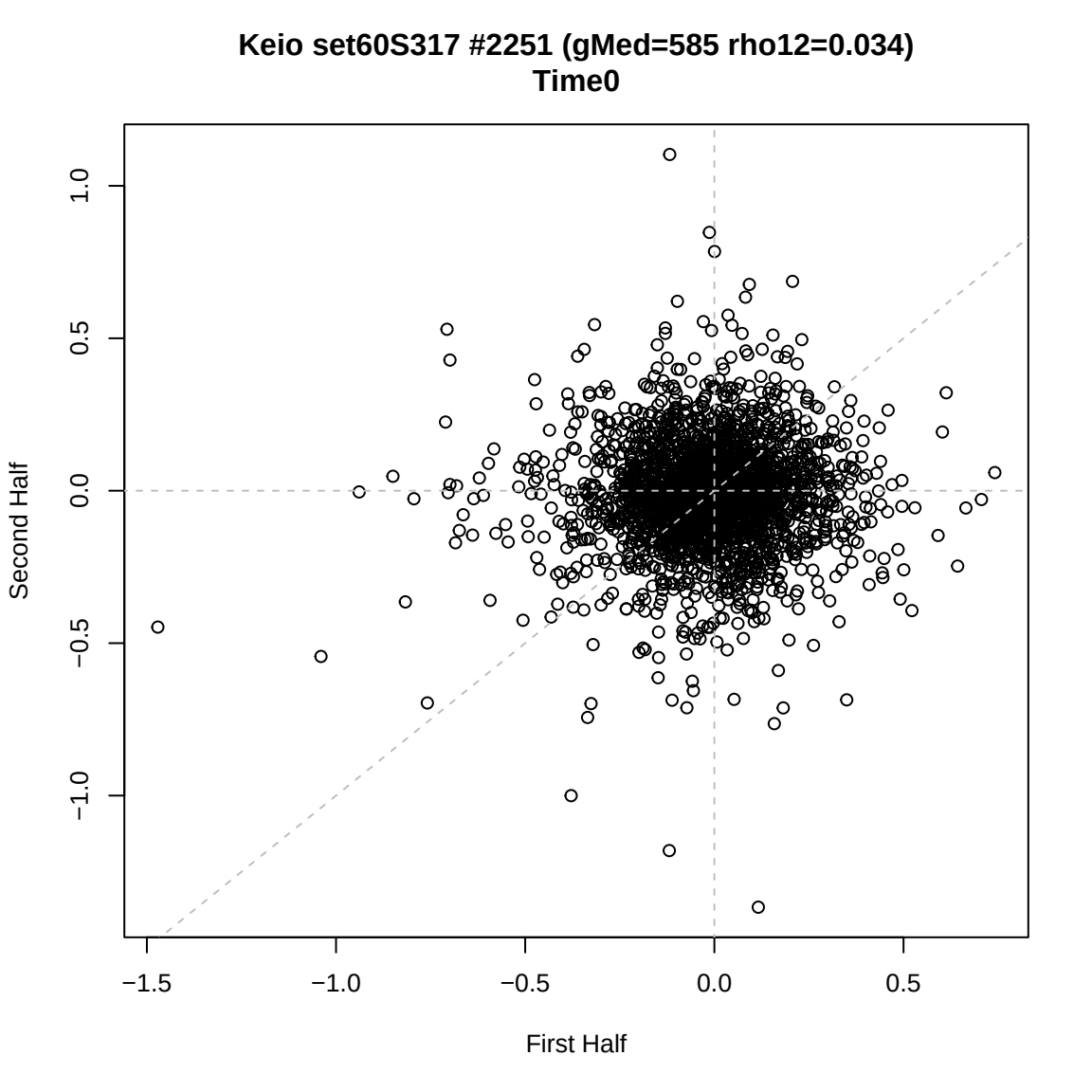

Keio set60S312 #2246 (gMed=576 rho12=0.074)
TN_15CS_15C_4hr_rep1
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

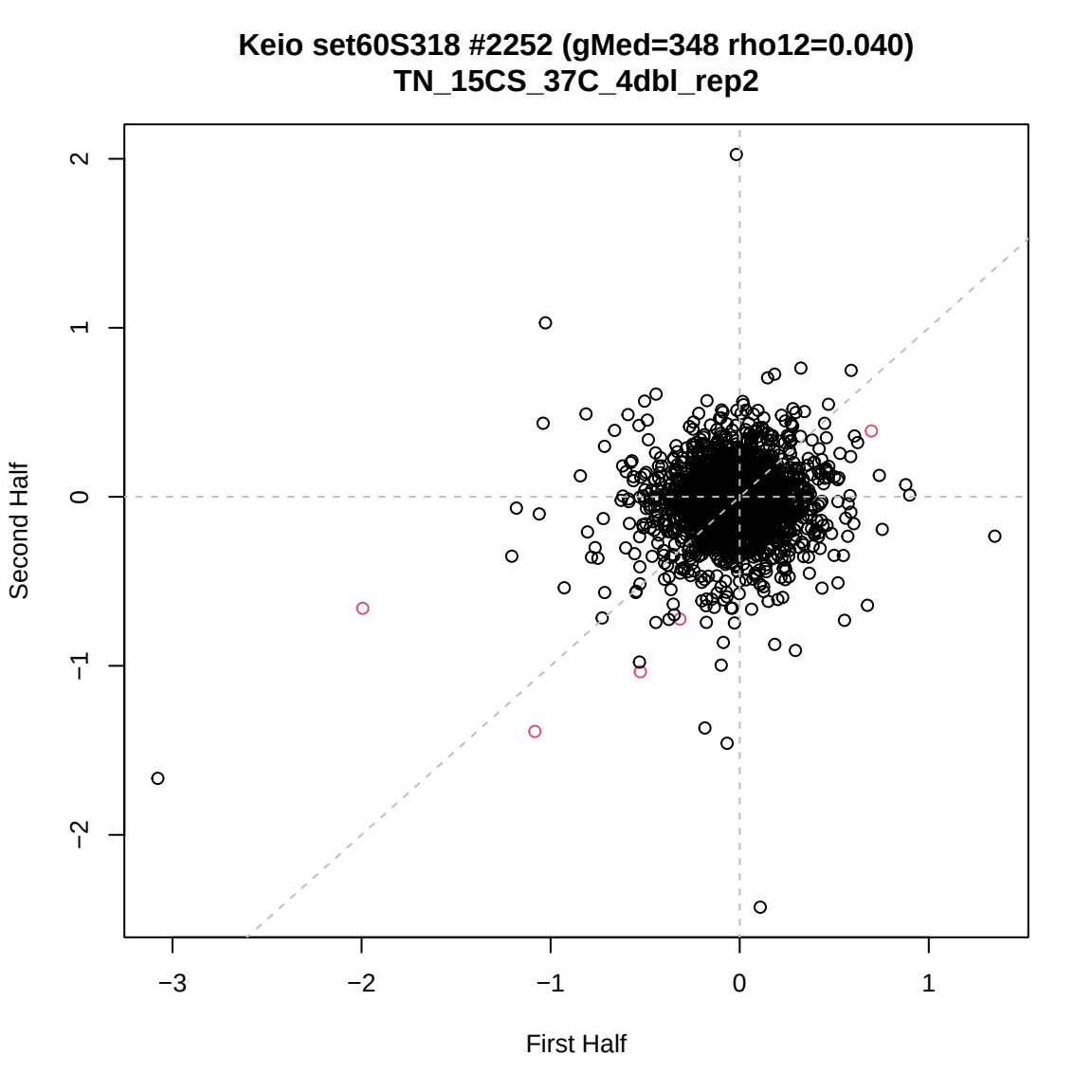

Keio set60S313 #2247 (gMed=749 rho12=0.104)
TN_15CS_15C_8hr_rep1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

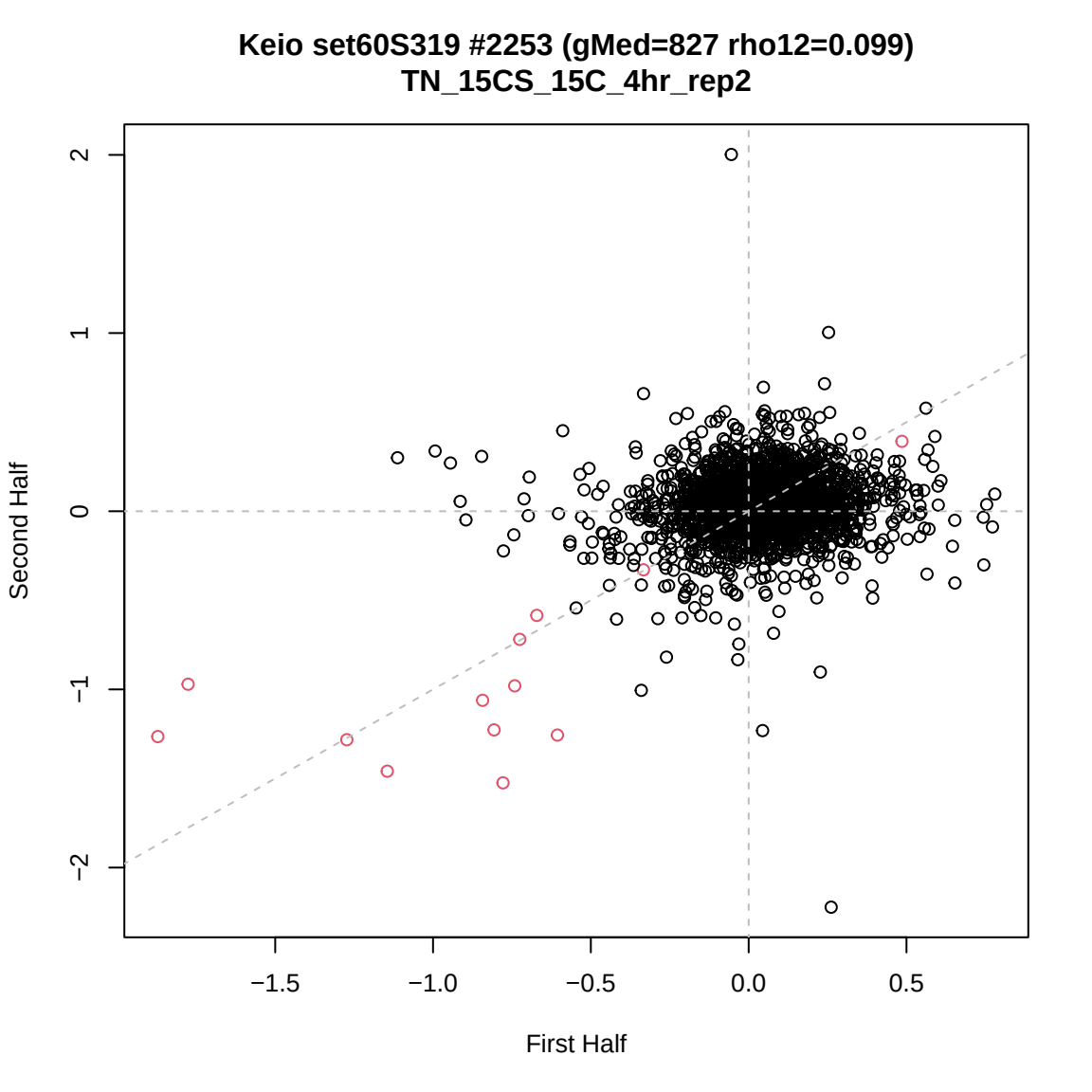

Keio set60S314 #2248 (gMed=731 rho12=0.180)
TN_15CS_15C_5dbl_rep1
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

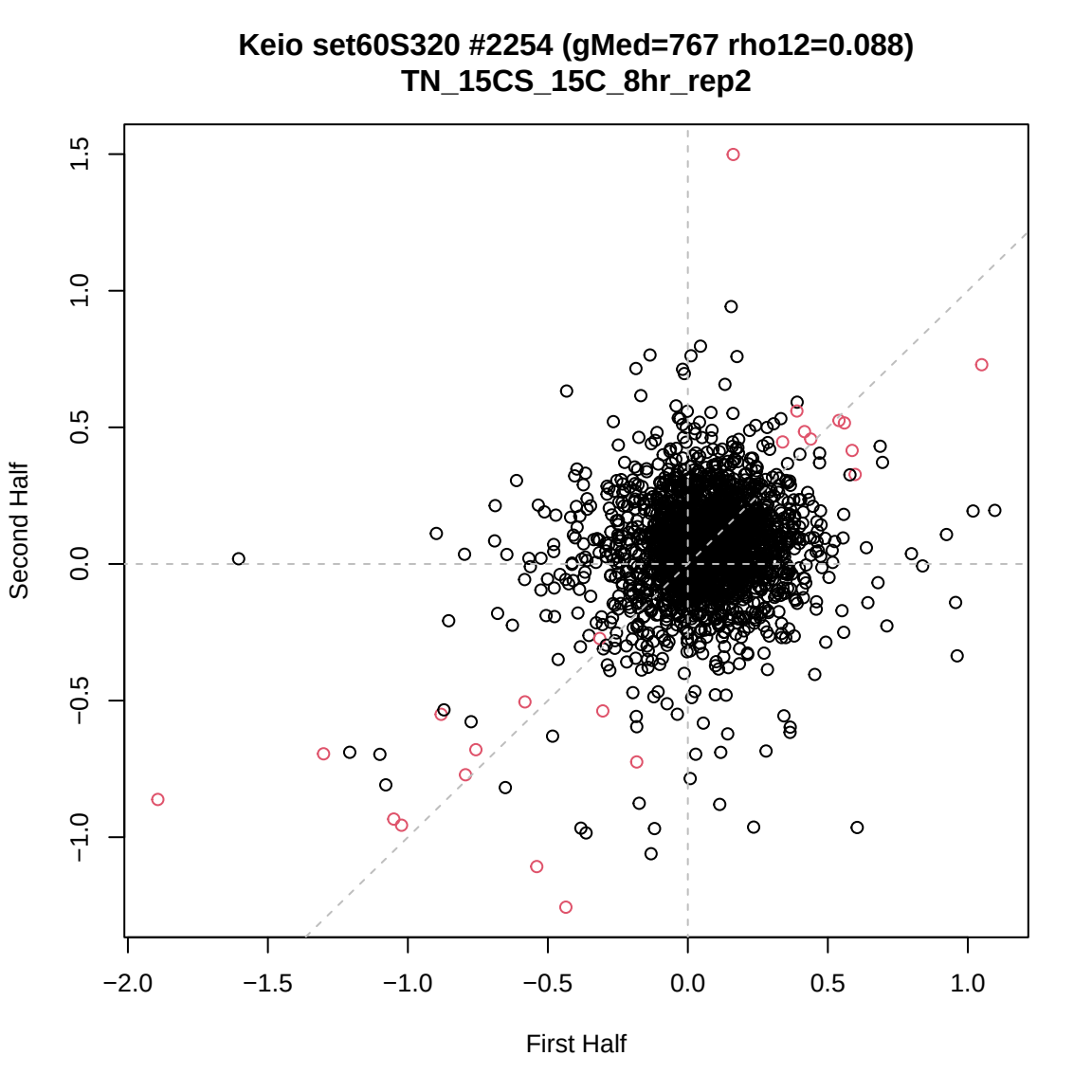

Keio set60S315 #2249 (gMed=721 rho12=0.262)
TN_15CS_15C_10dbl_rep1
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

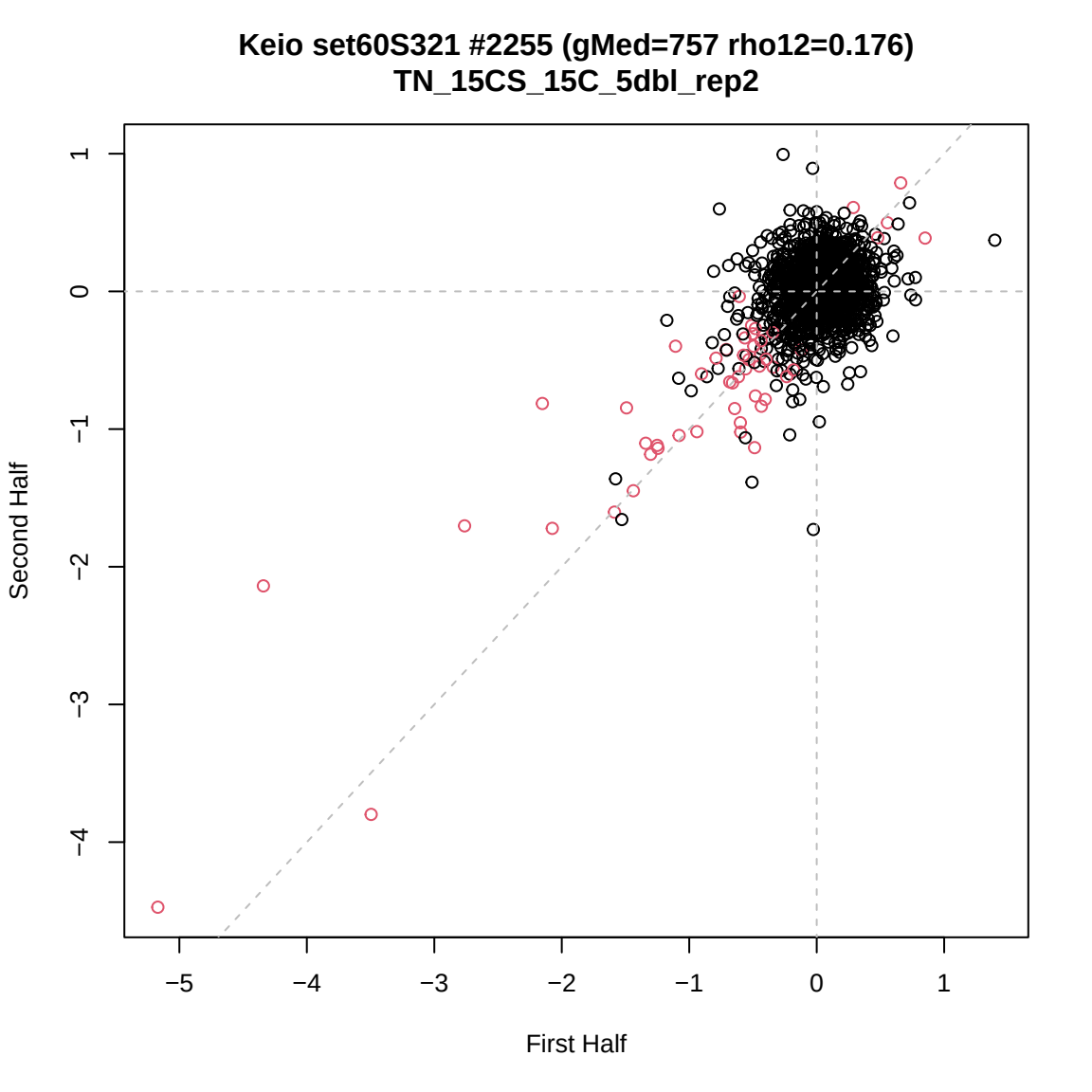

Keio set60S316 #2250 (gMed=598 rho12=0.252)
TN_15CS_warm37C_5dbl_rep1
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0
2

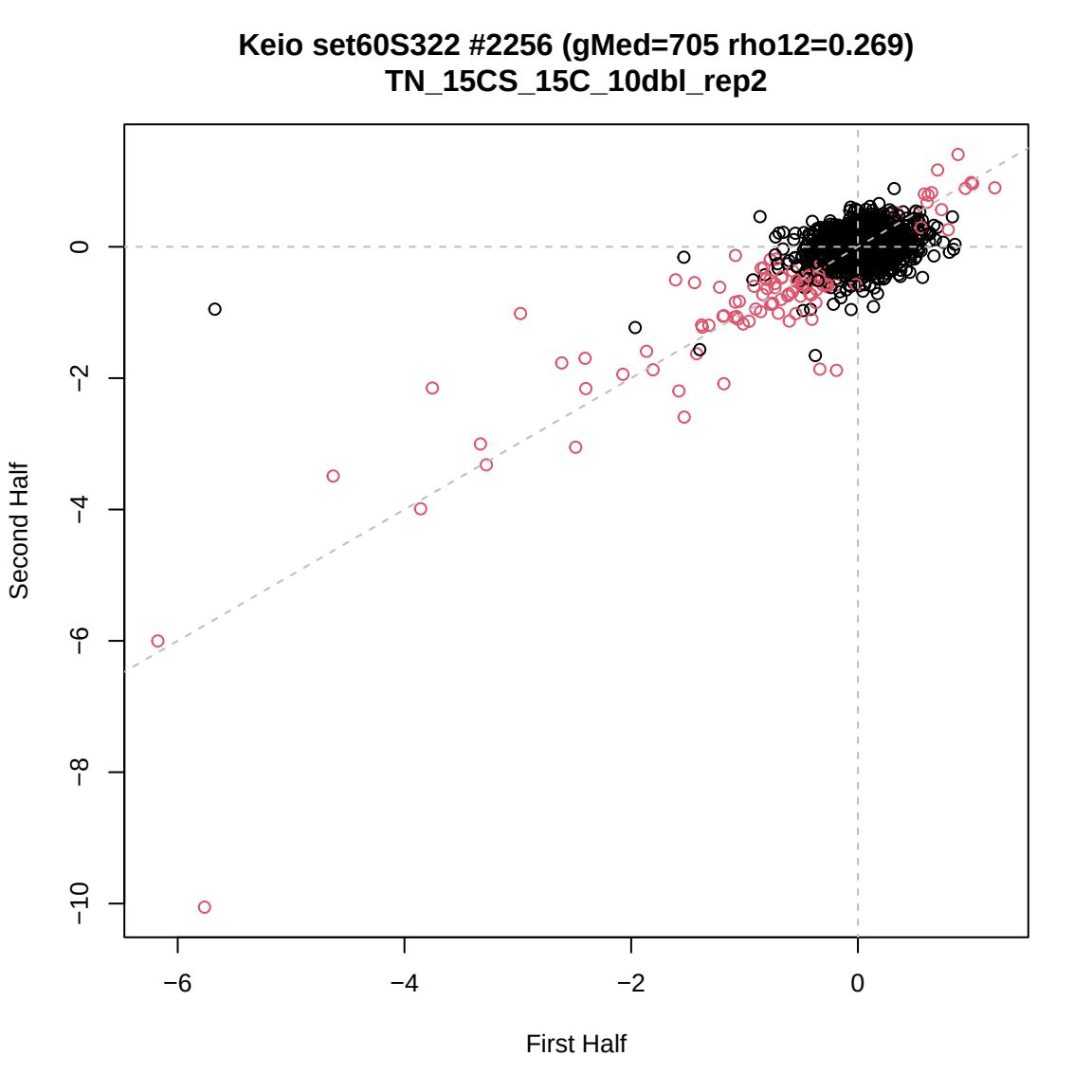

Keio set60S317 #2251 (gMed=585 rho12=0.034)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

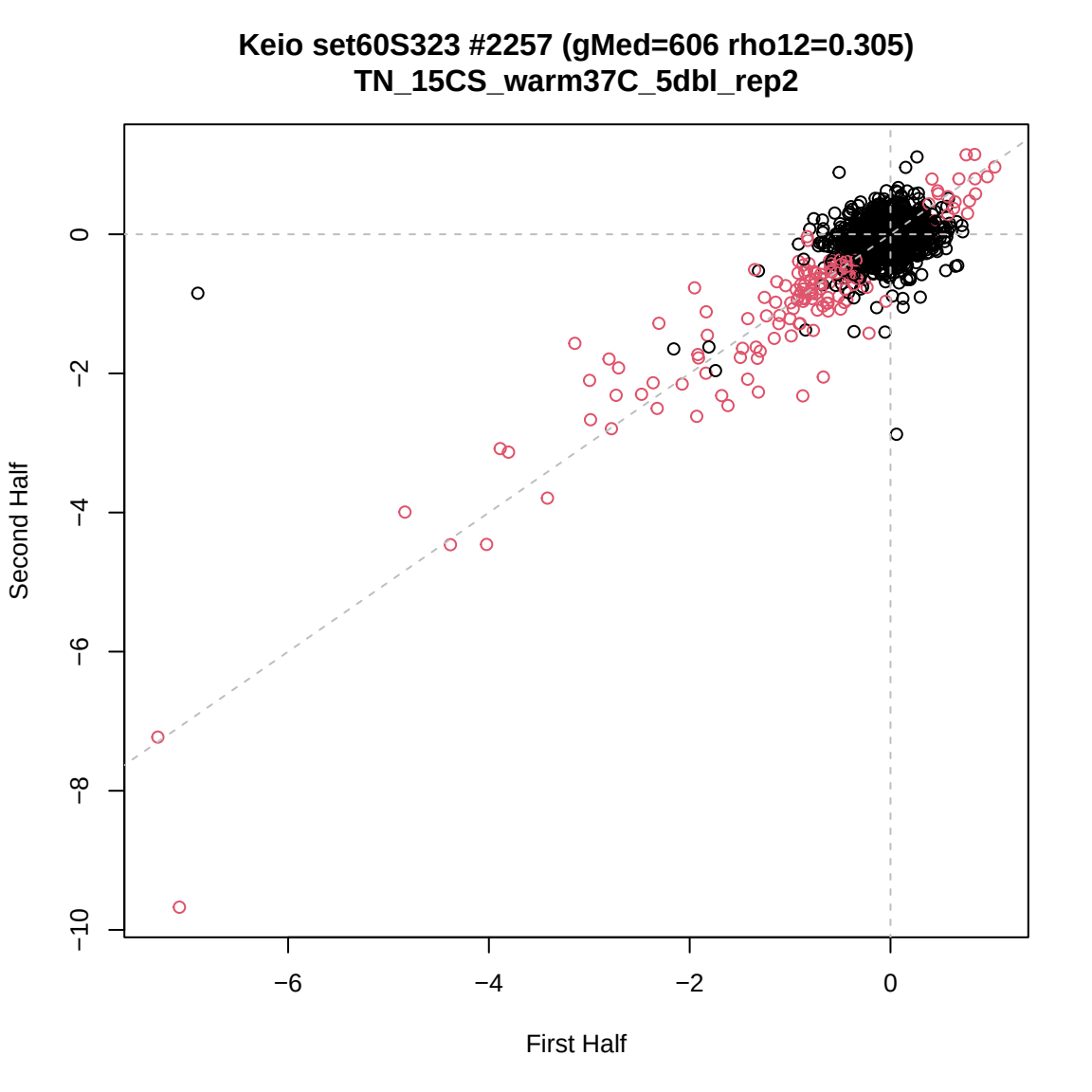

Keio set60S318 #2252 (gMed=348 rho12=0.040)
TN_15CS_37C_4dbl_rep2
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1

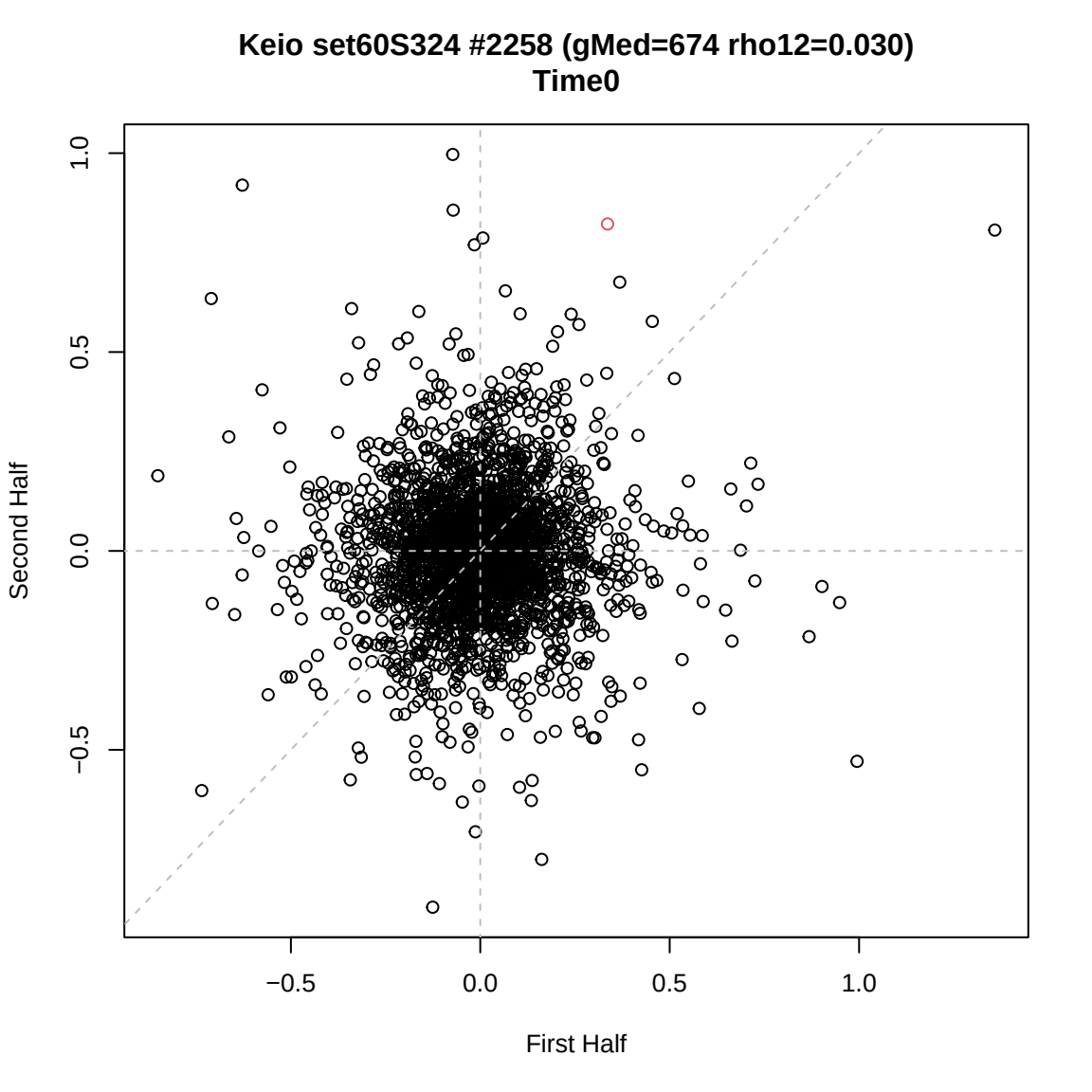

Keio set60S319 #2253 (gMed=827 rho12=0.099)
TN_15CS_15C_4hr_rep2
Second Half
First Half
2
1
0
−1
−2
−1.5
−1.0
−0.5
0.0
0.5

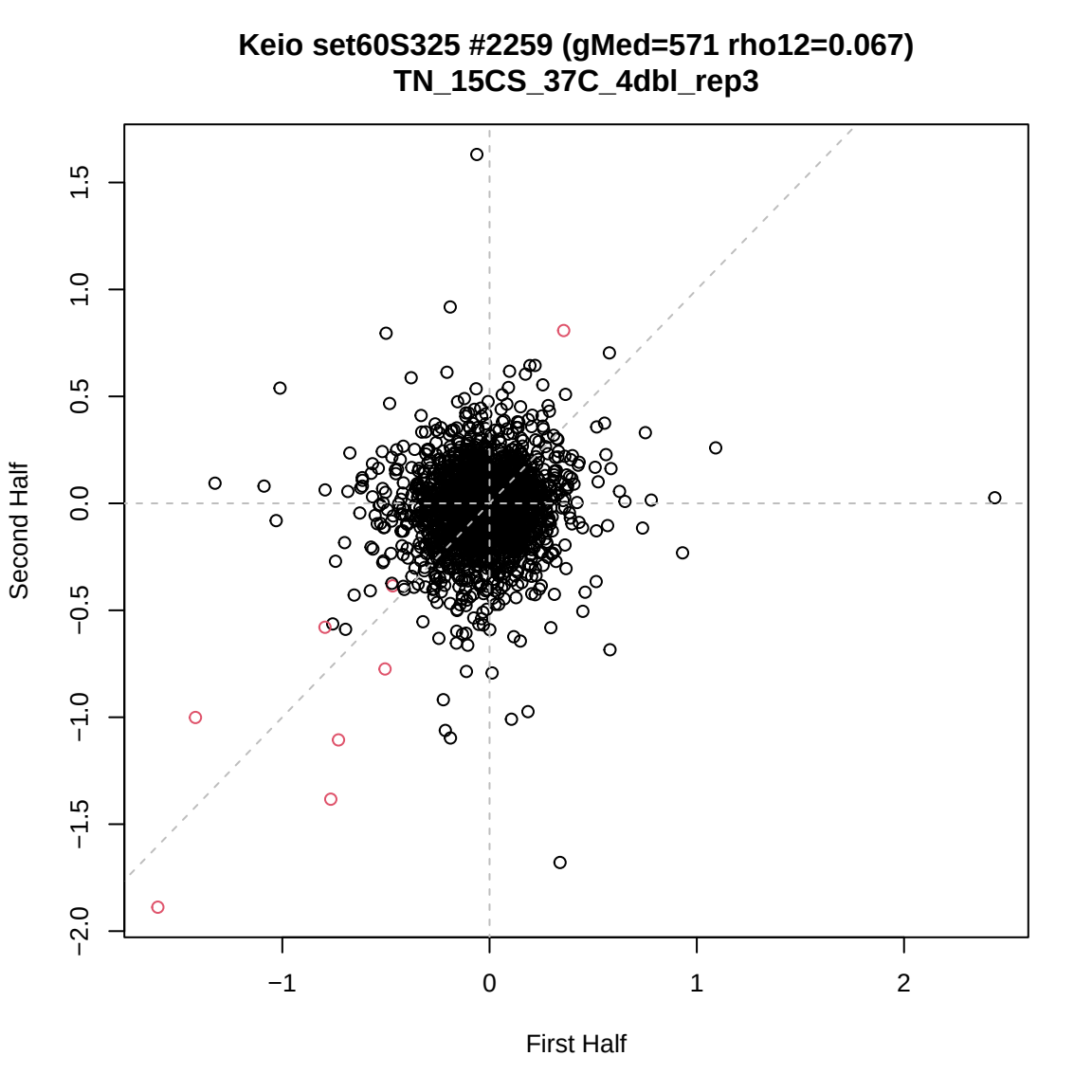

Keio set60S320 #2254 (gMed=767 rho12=0.088)
TN_15CS_15C_8hr_rep2
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

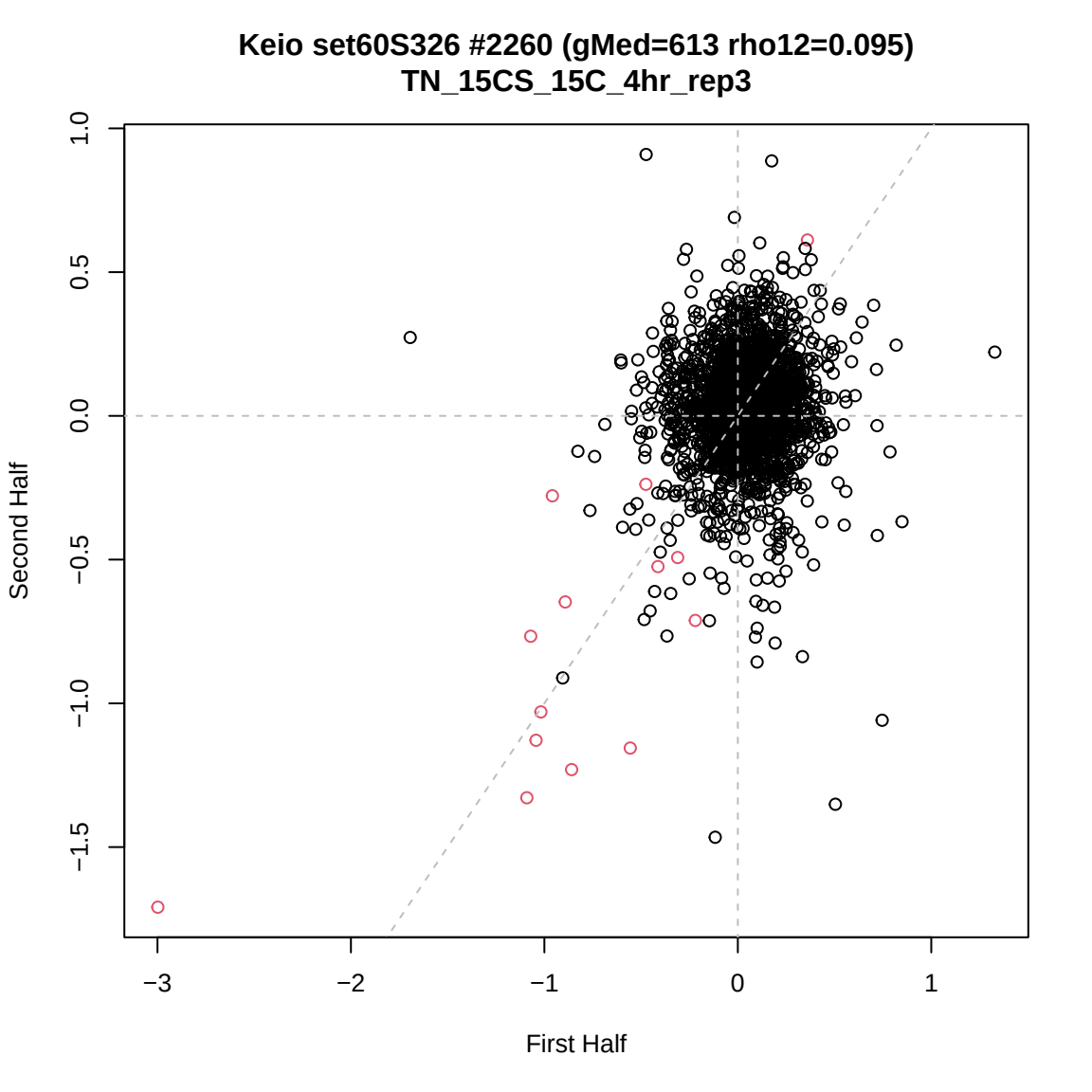

Keio set60S321 #2255 (gMed=757 rho12=0.176)
TN_15CS_15C_5dbl_rep2
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

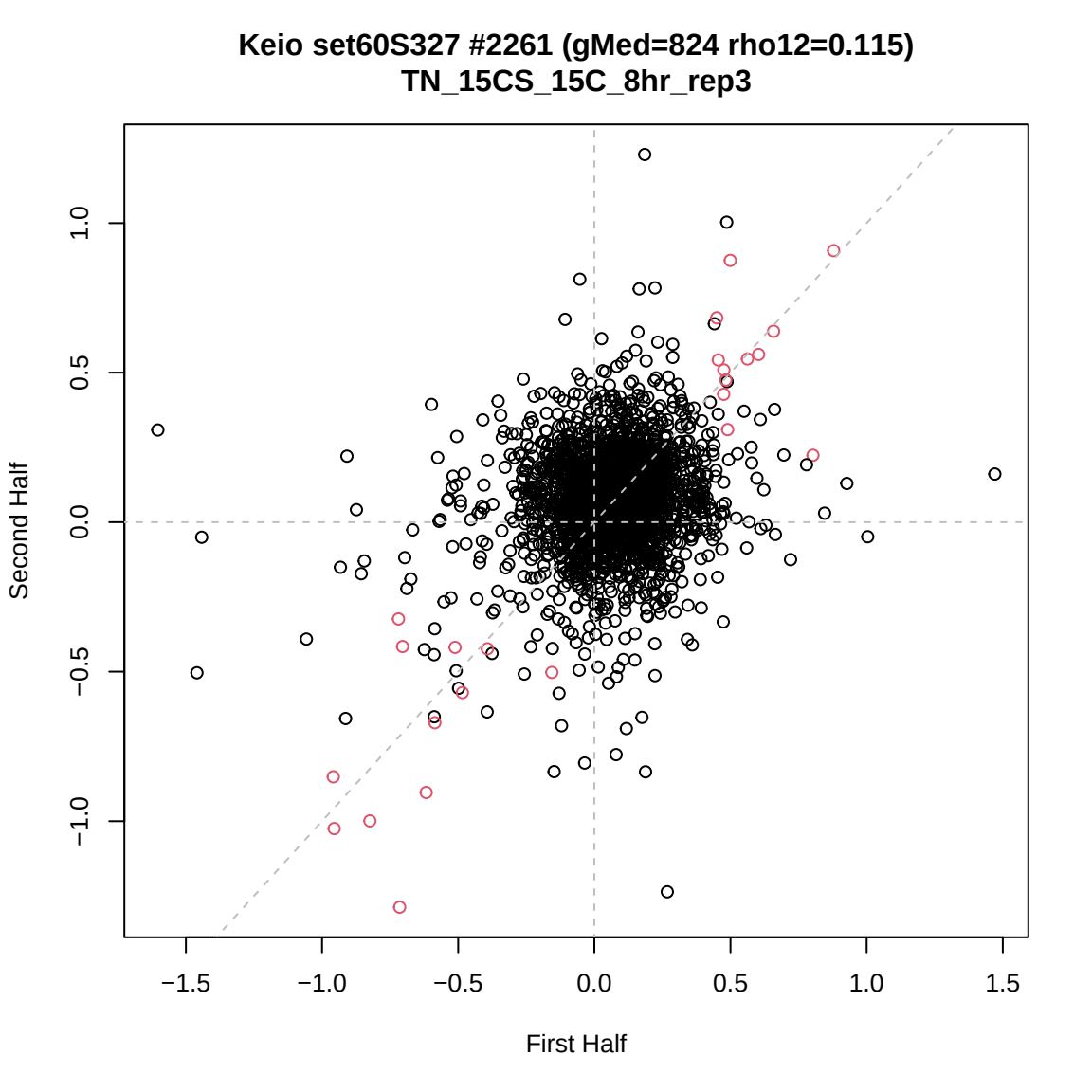

Keio set60S322 #2256 (gMed=705 rho12=0.269)
TN_15CS_15C_10dbl_rep2
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

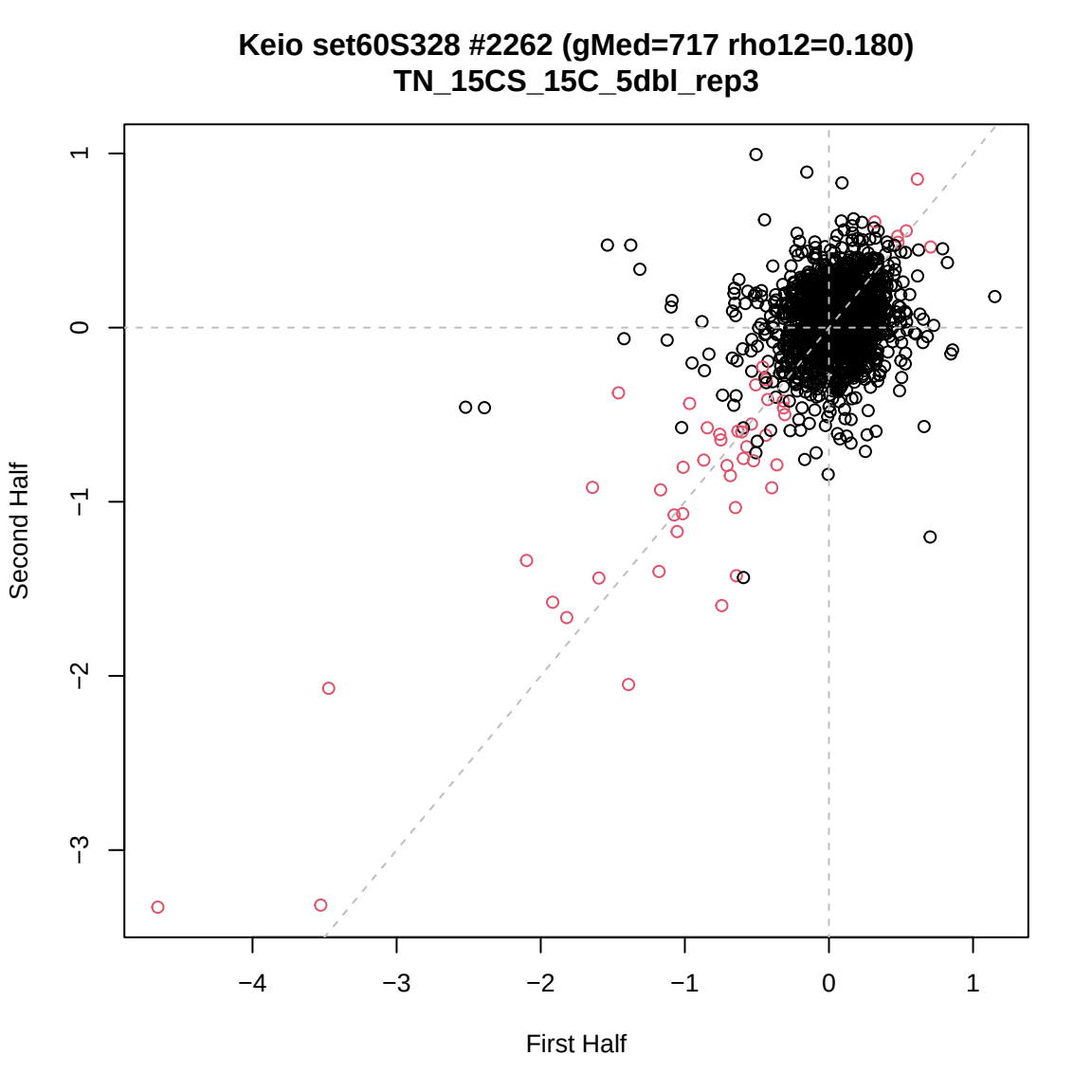

Keio set60S323 #2257 (gMed=606 rho12=0.305)
TN_15CS_warm37C_5dbl_rep2
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

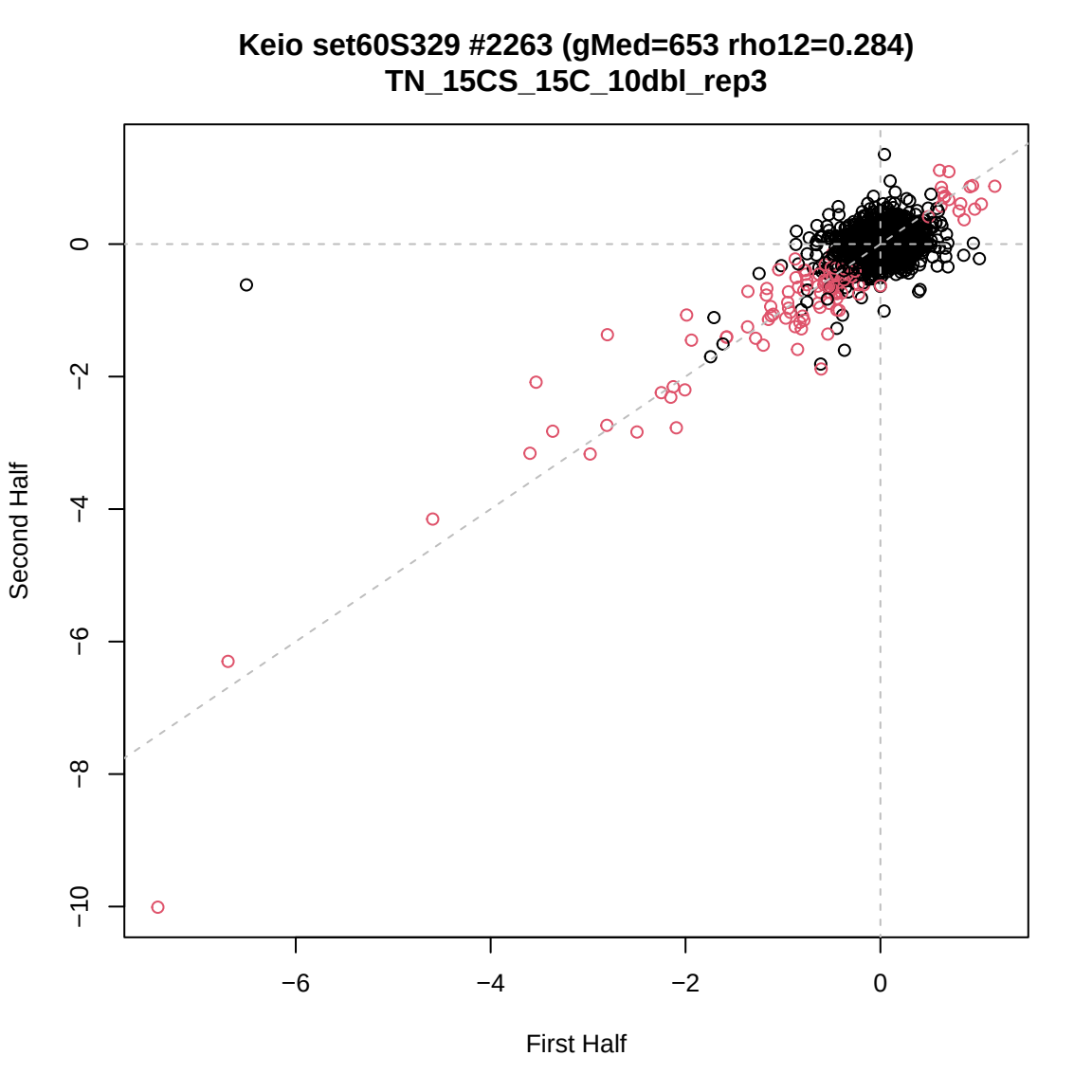

Keio set60S324 #2258 (gMed=674 rho12=0.030)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−0.5
0.0
0.5
1.0

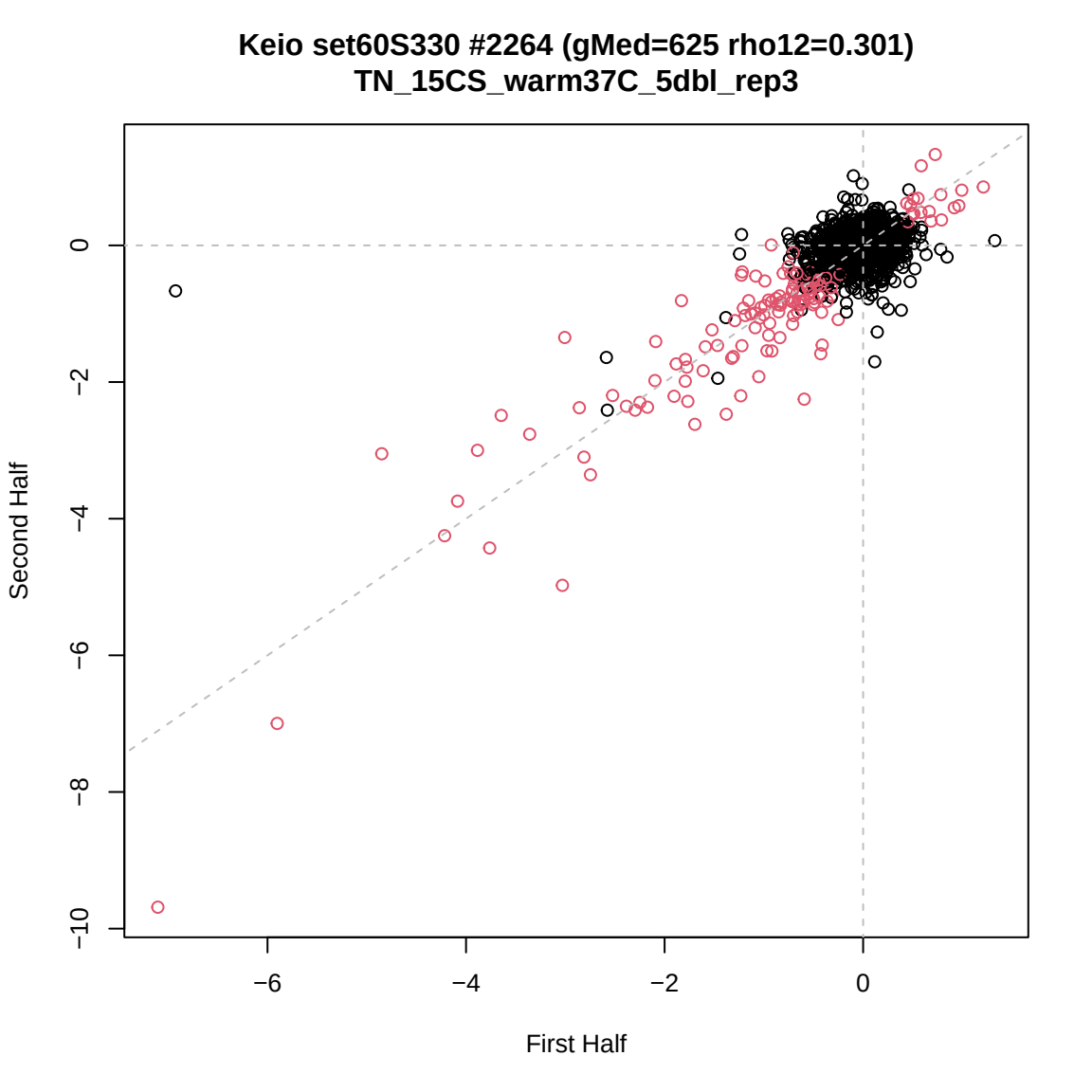

Keio set60S325 #2259 (gMed=571 rho12=0.067)
TN_15CS_37C_4dbl_rep3
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1
0
1
2

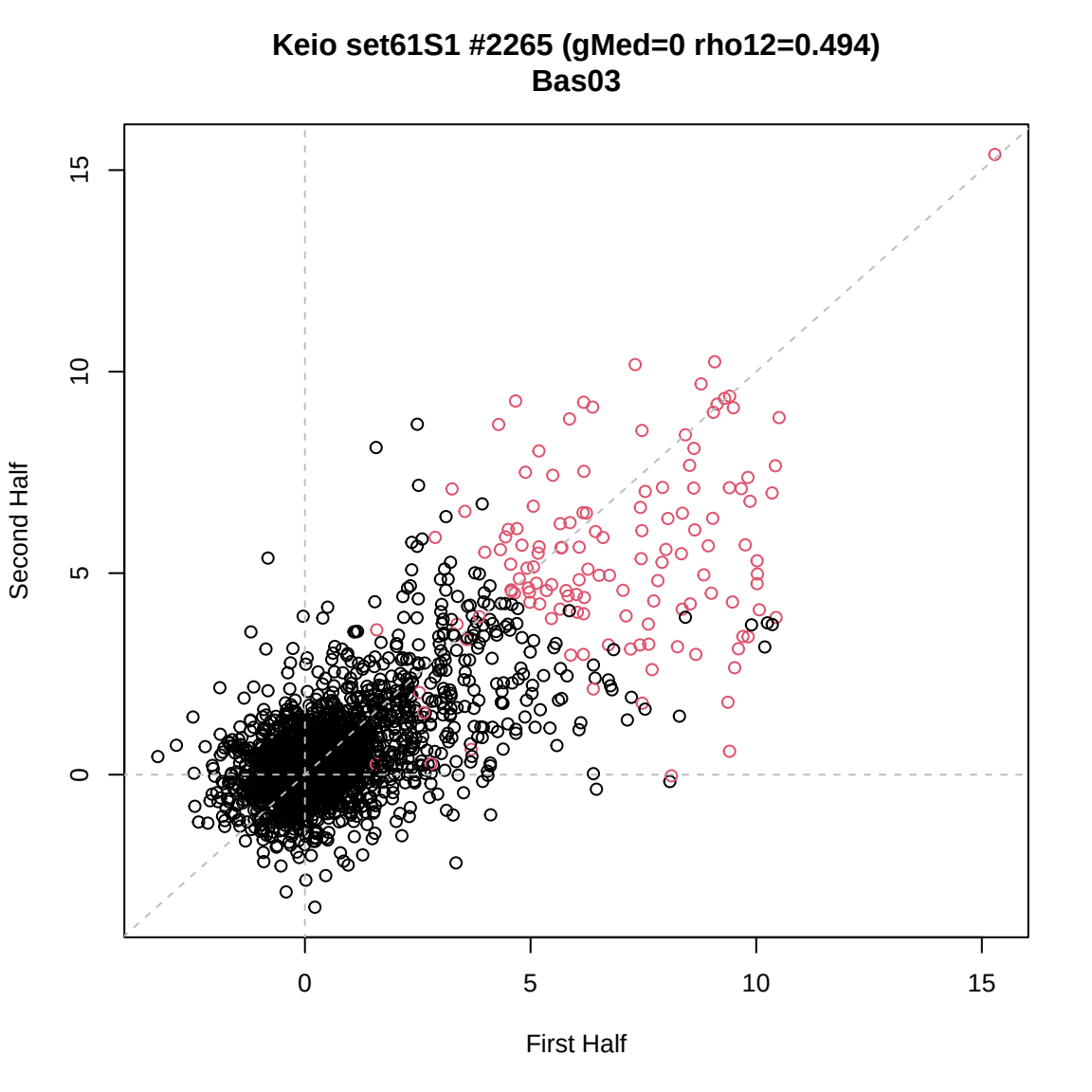

Keio set60S326 #2260 (gMed=613 rho12=0.095)
TN_15CS_15C_4hr_rep3
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

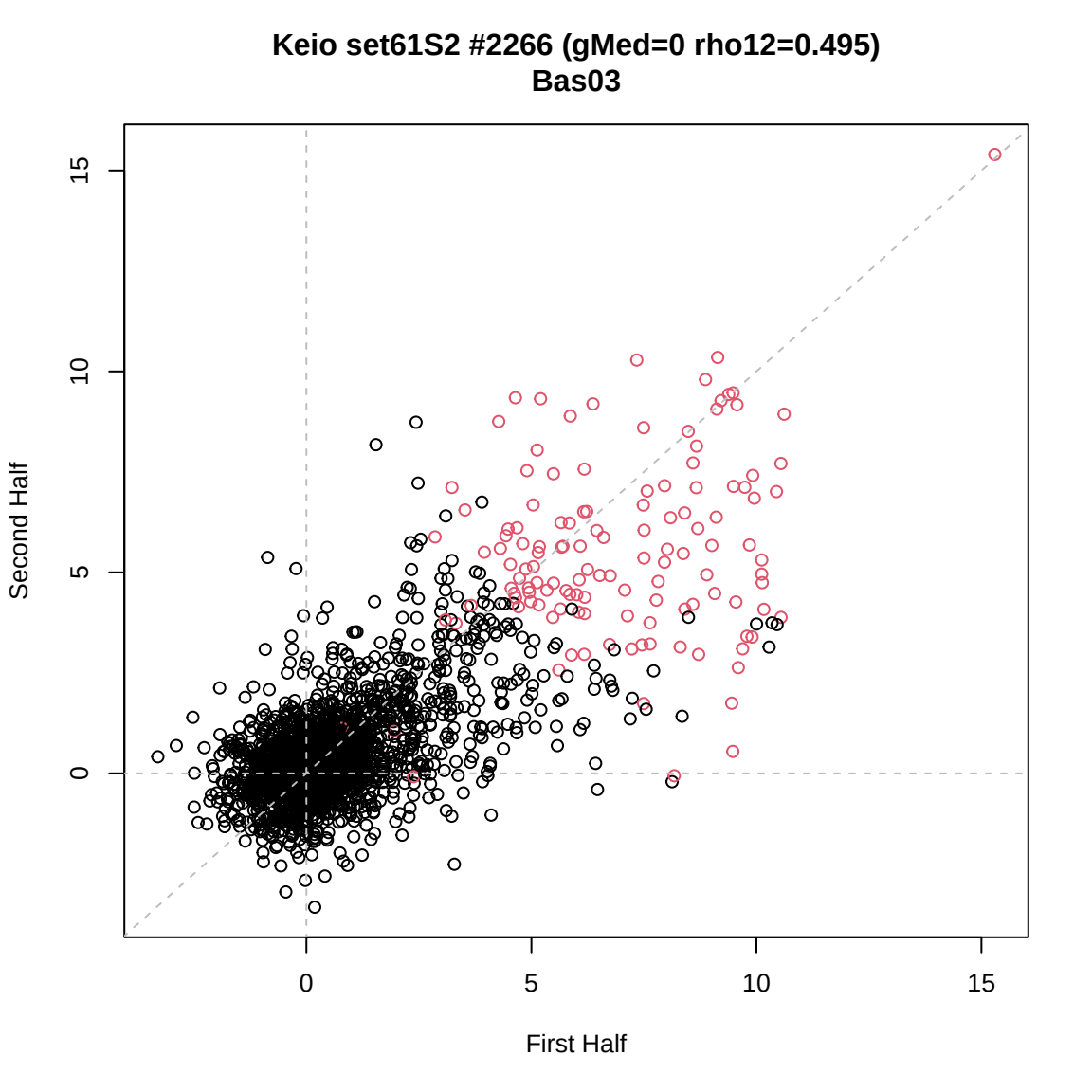

Keio set60S327 #2261 (gMed=824 rho12=0.115)
TN_15CS_15C_8hr_rep3
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

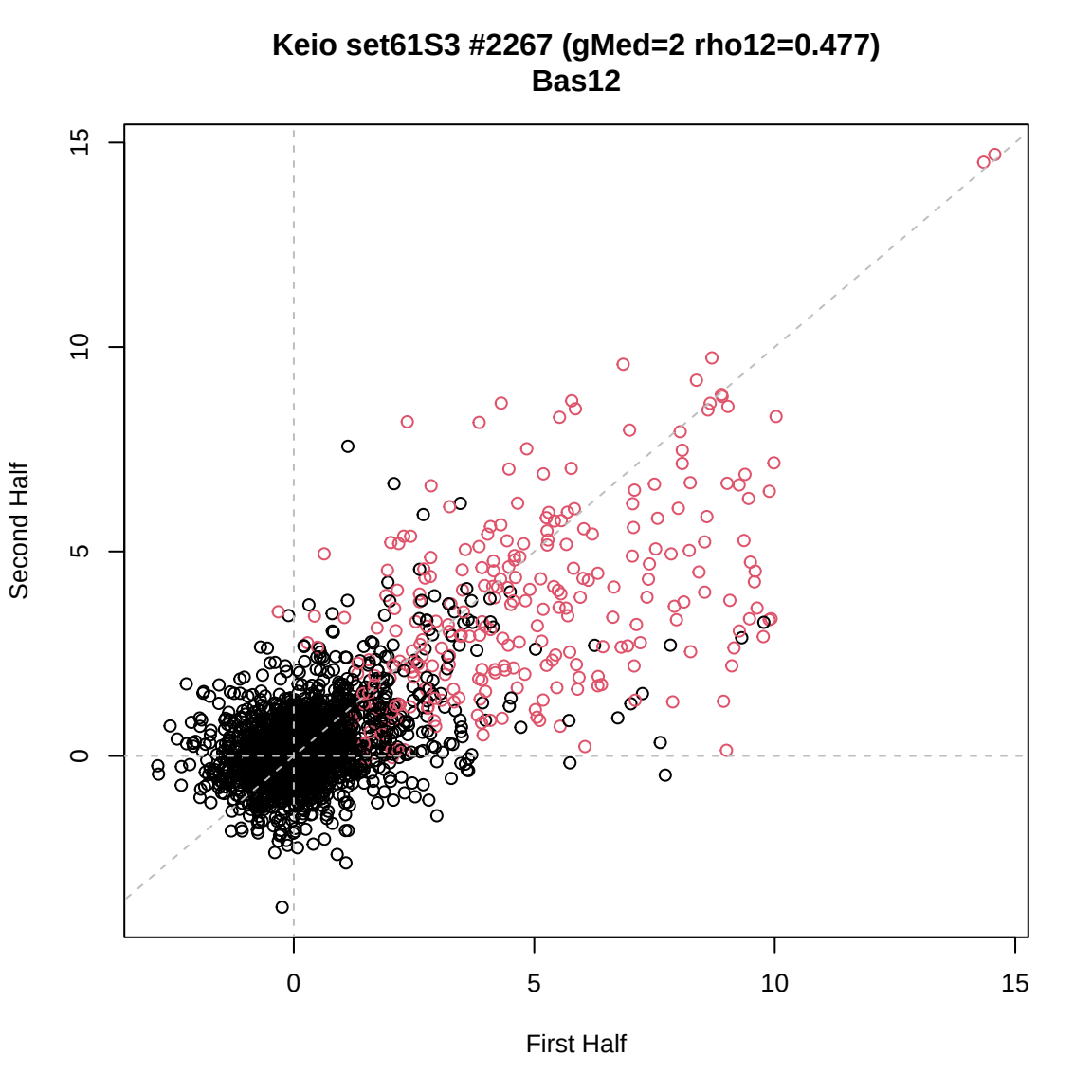

Keio set60S328 #2262 (gMed=717 rho12=0.180)
TN_15CS_15C_5dbl_rep3
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

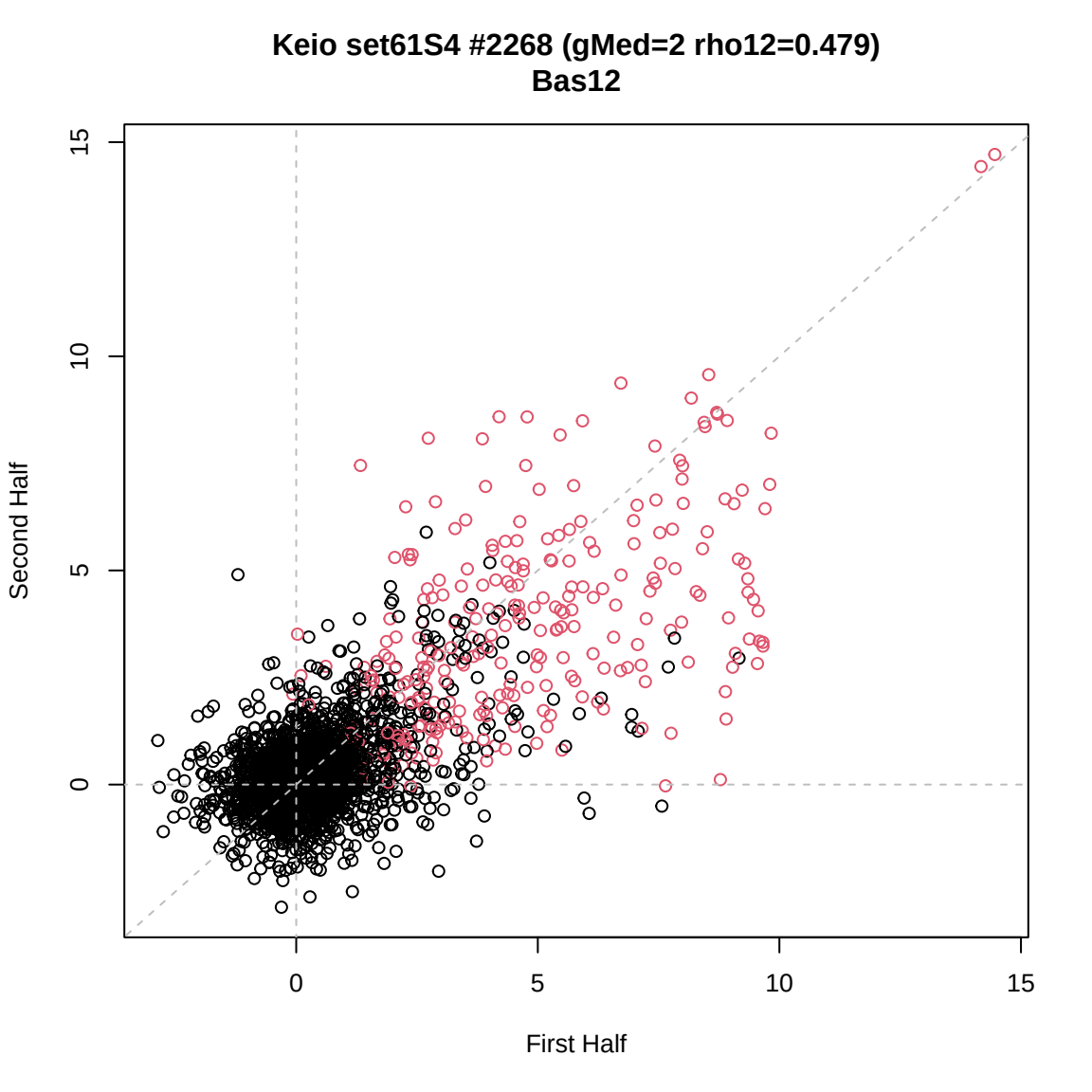

Keio set60S329 #2263 (gMed=653 rho12=0.284)
TN_15CS_15C_10dbl_rep3
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

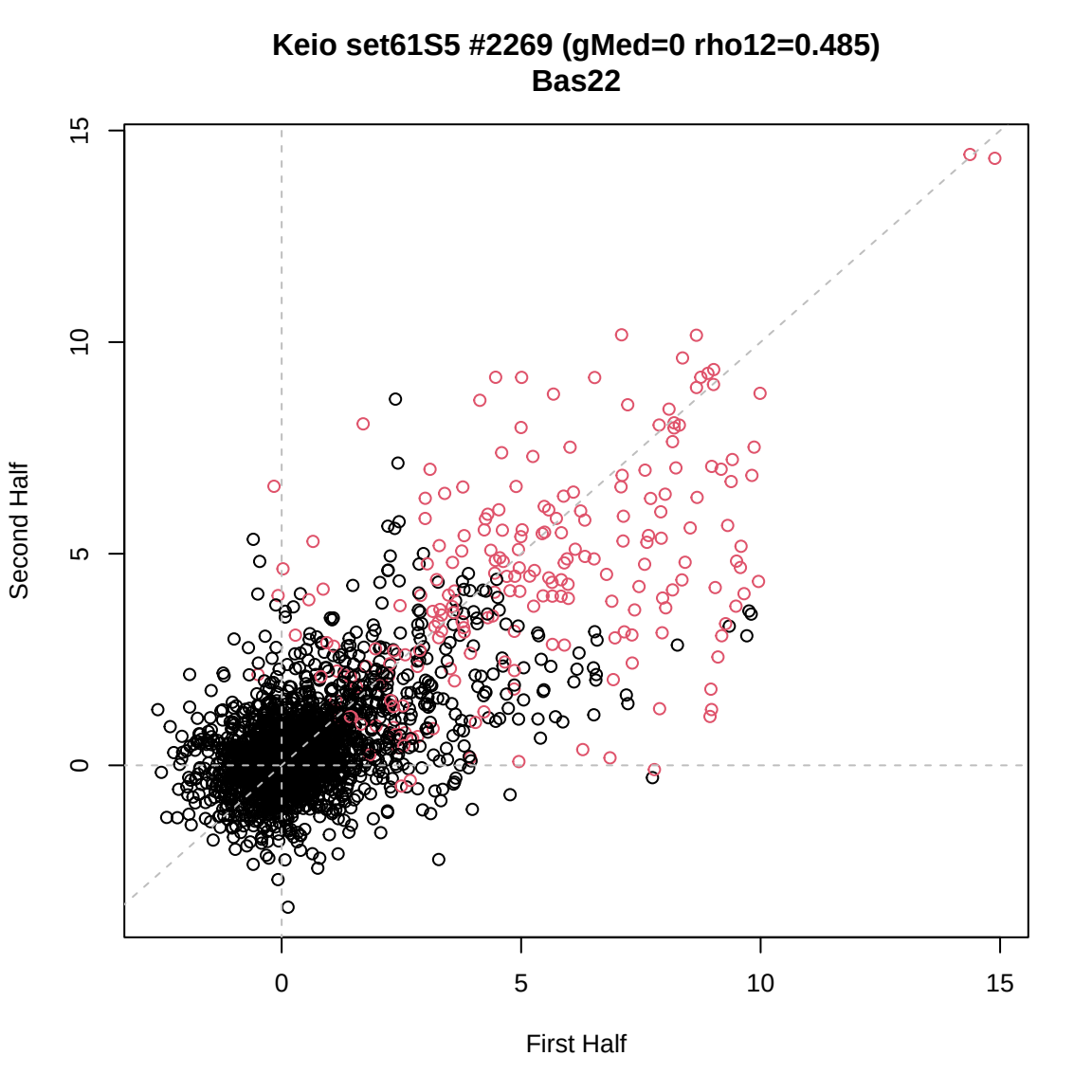

Keio set60S330 #2264 (gMed=625 rho12=0.301)
TN_15CS_warm37C_5dbl_rep3
Second Half
First Half
0
−2
−4
−6
−8
−10
−6
−4
−2
0

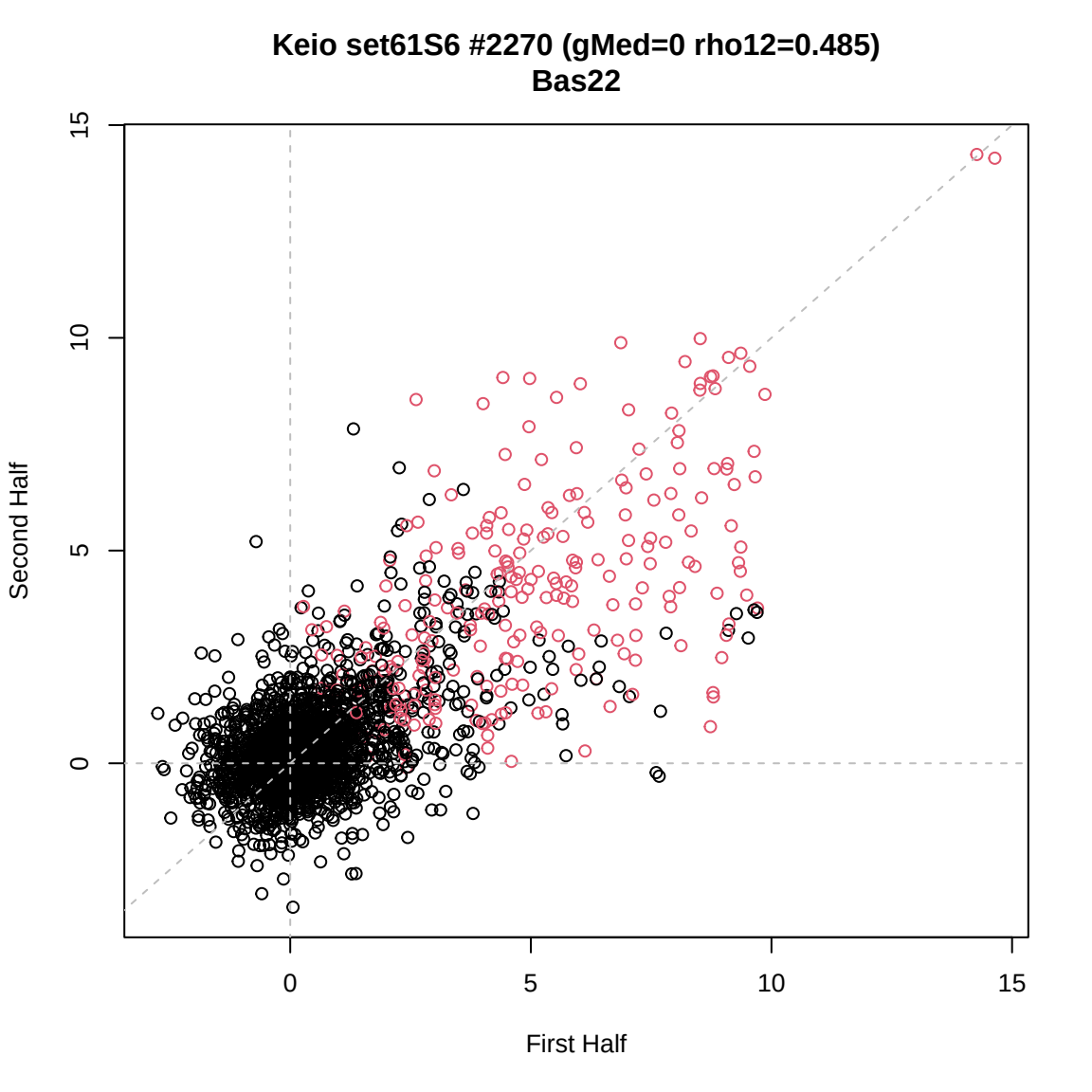

Keio set61S1 #2265 (gMed=0 rho12=0.494)
Bas03
Second Half
First Half
0
5
10
15

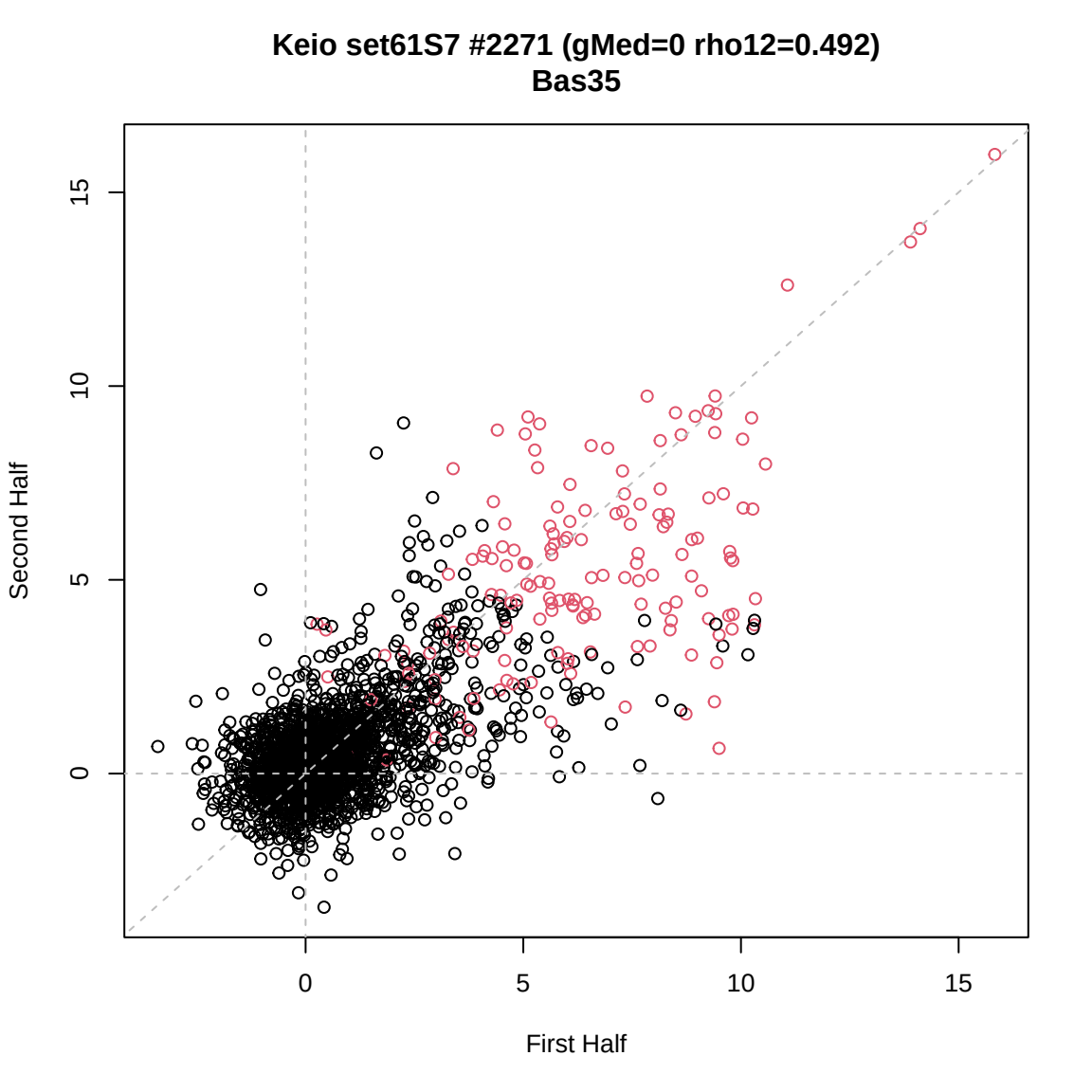

Keio set61S2 #2266 (gMed=0 rho12=0.495)
Bas03
Second Half
First Half
0
5
10
15

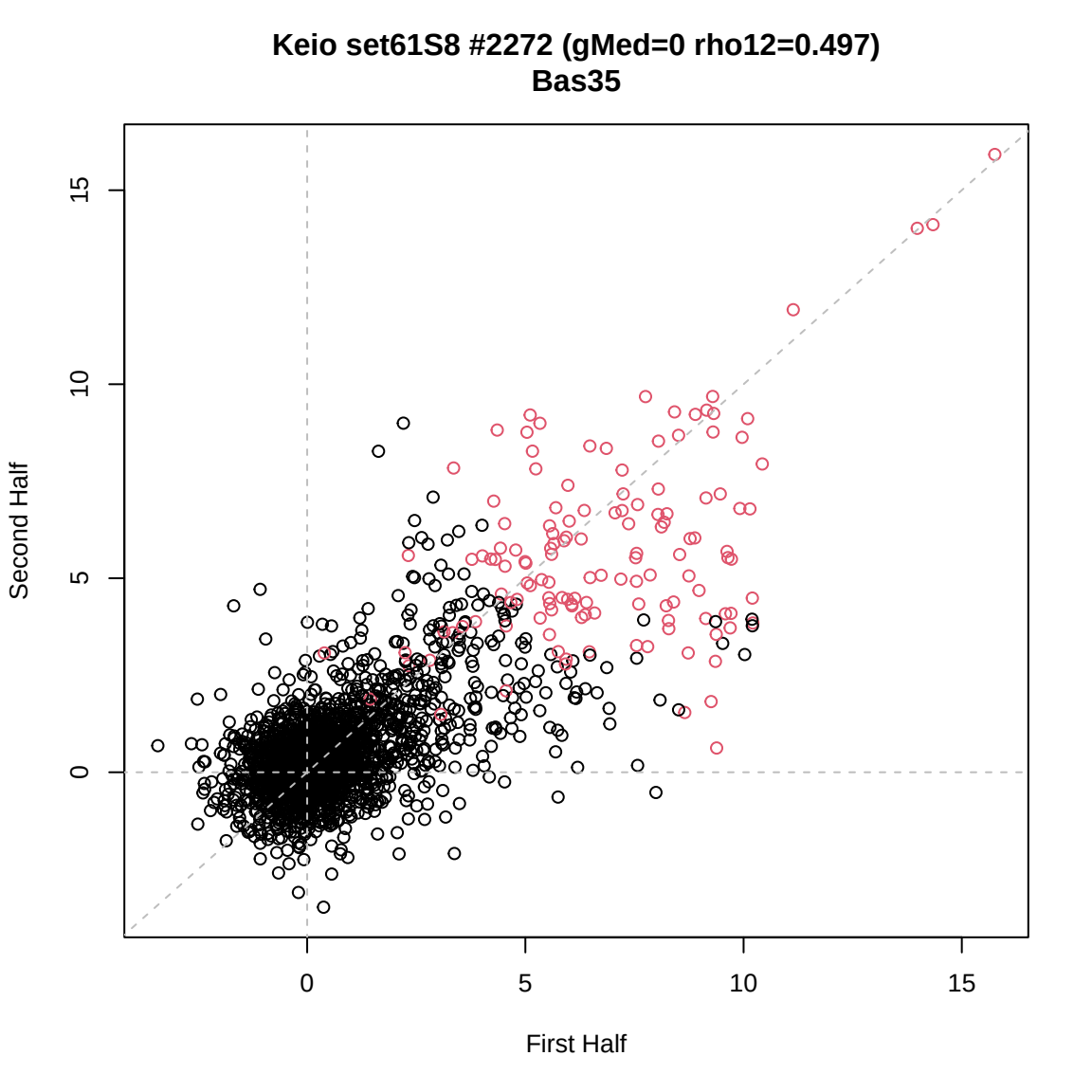

Keio set61S3 #2267 (gMed=2 rho12=0.477)
Bas12
Second Half
First Half
15
10
5
0
0
5
10
15

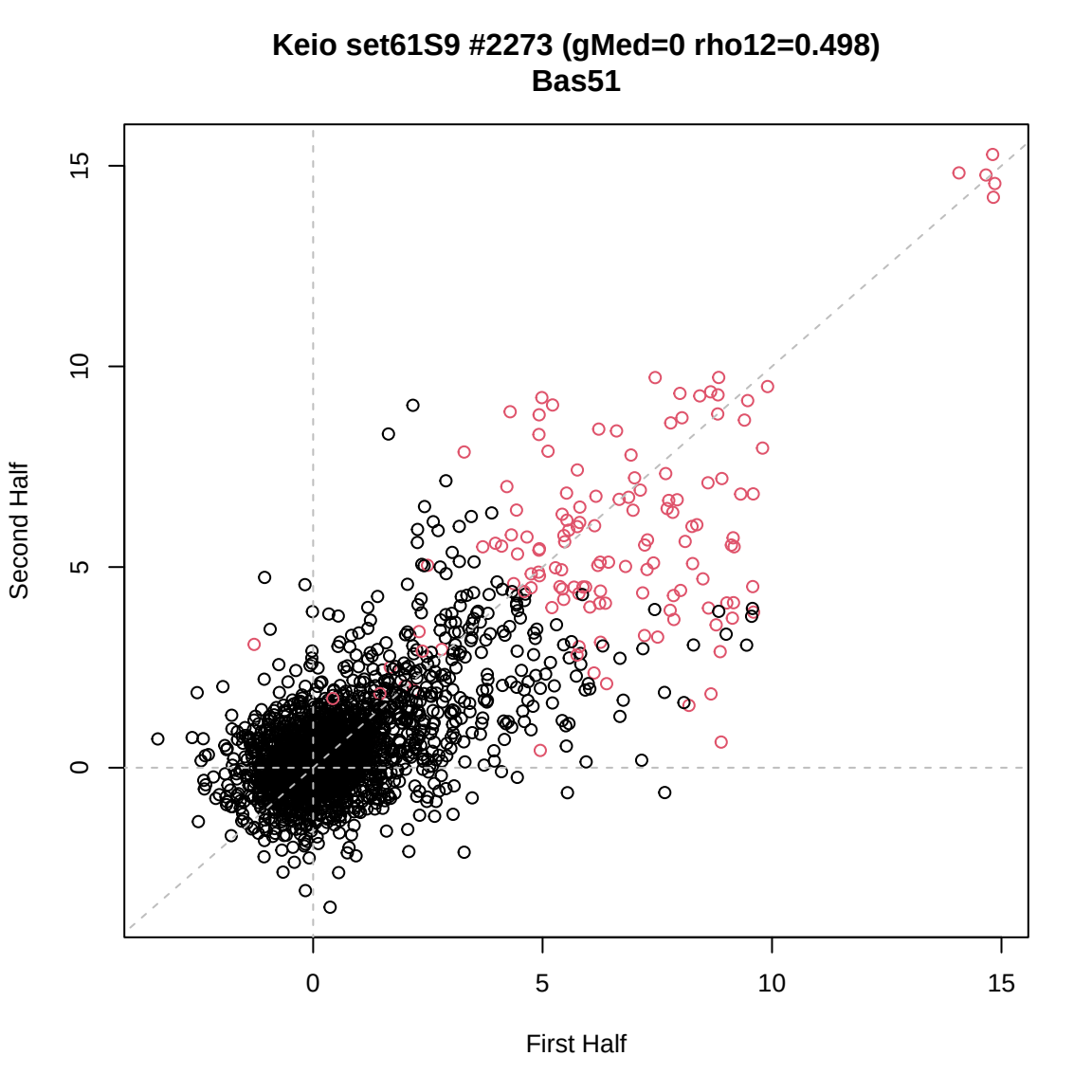

Keio set61S4 #2268 (gMed=2 rho12=0.479)
Bas12
Second Half
First Half
0
5
10
15

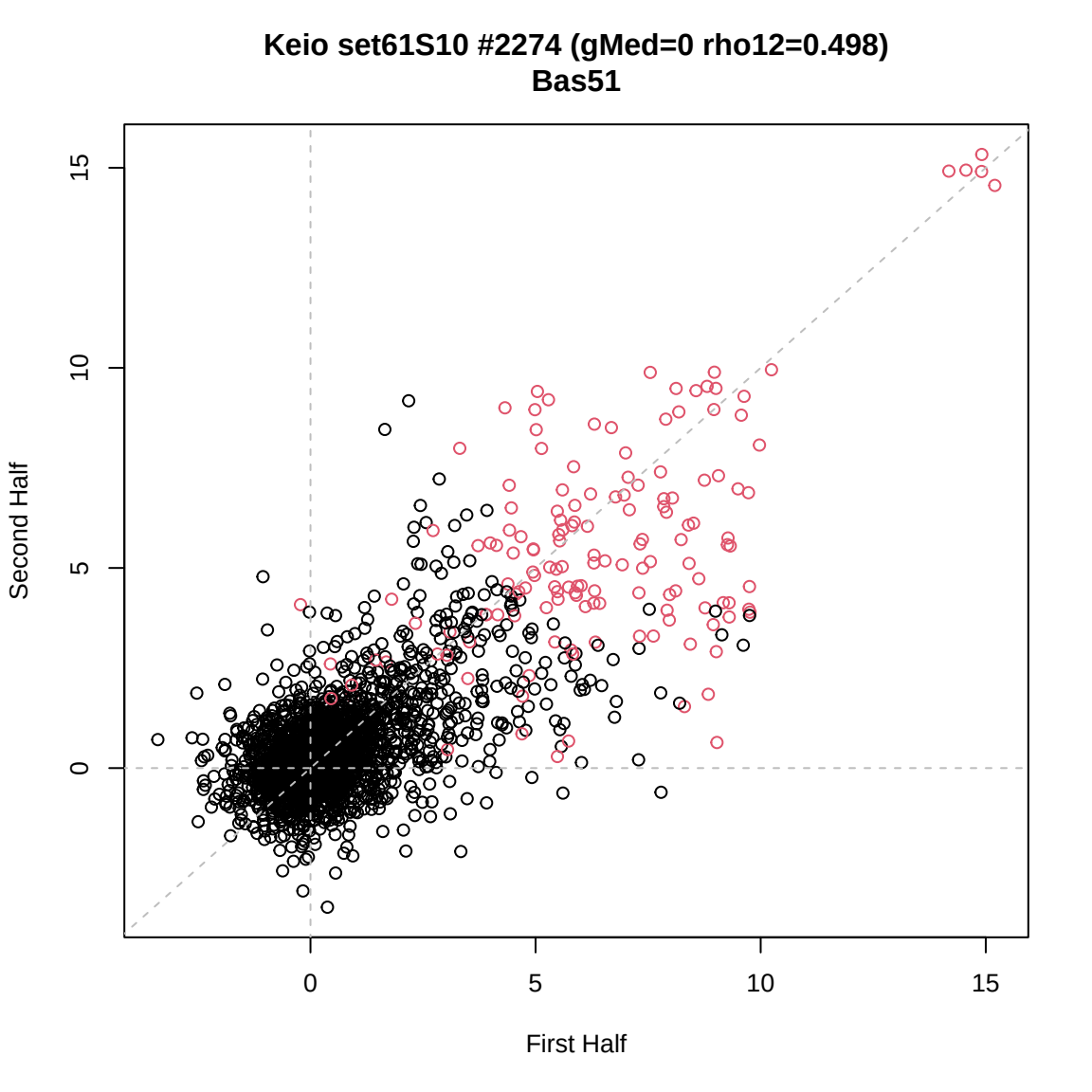

Keio set61S5 #2269 (gMed=0 rho12=0.485)
Bas22
Second Half
First Half
0
5
10
15

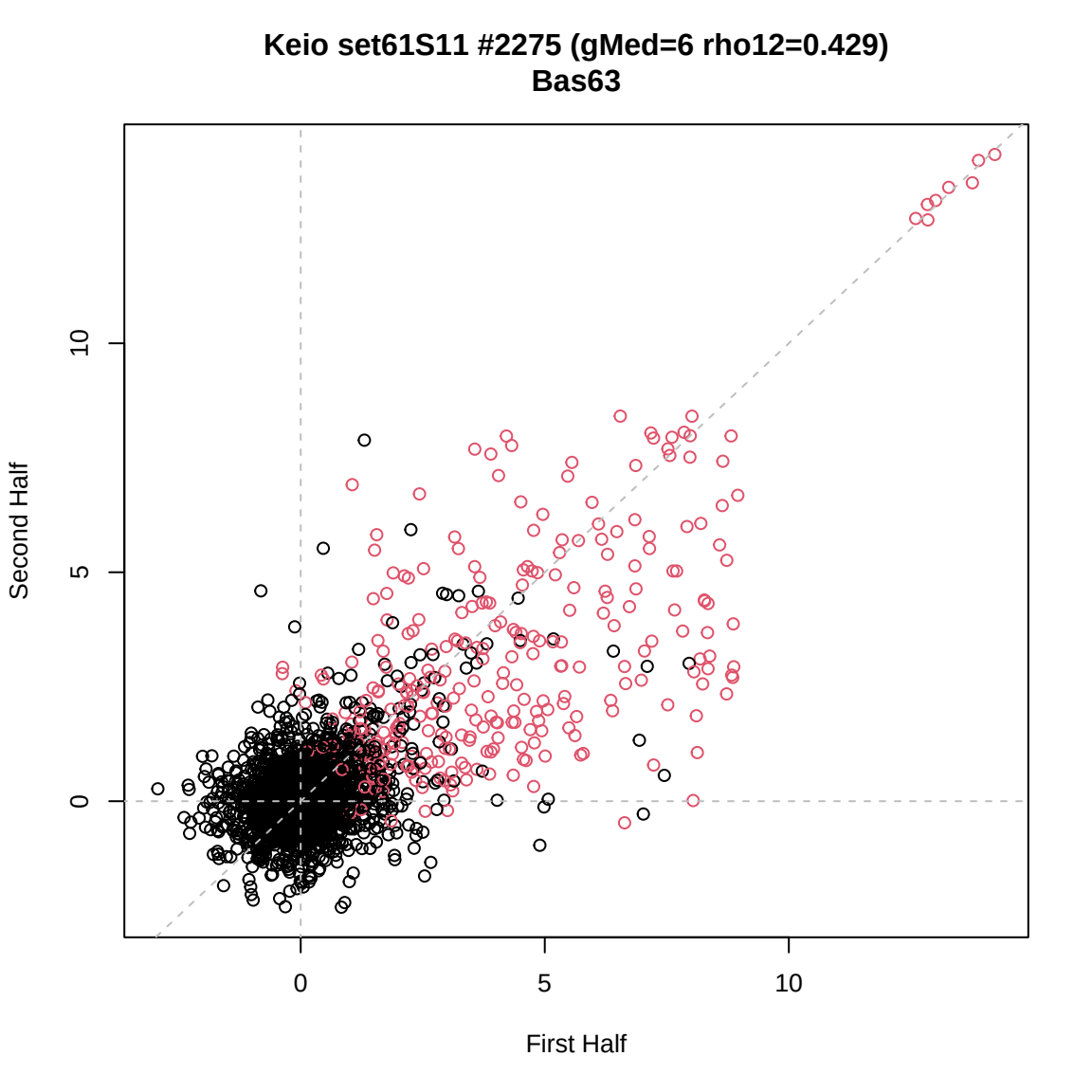

Keio set61S6 #2270 (gMed=0 rho12=0.485)
Bas22
Second Half
First Half
0
5
10
15

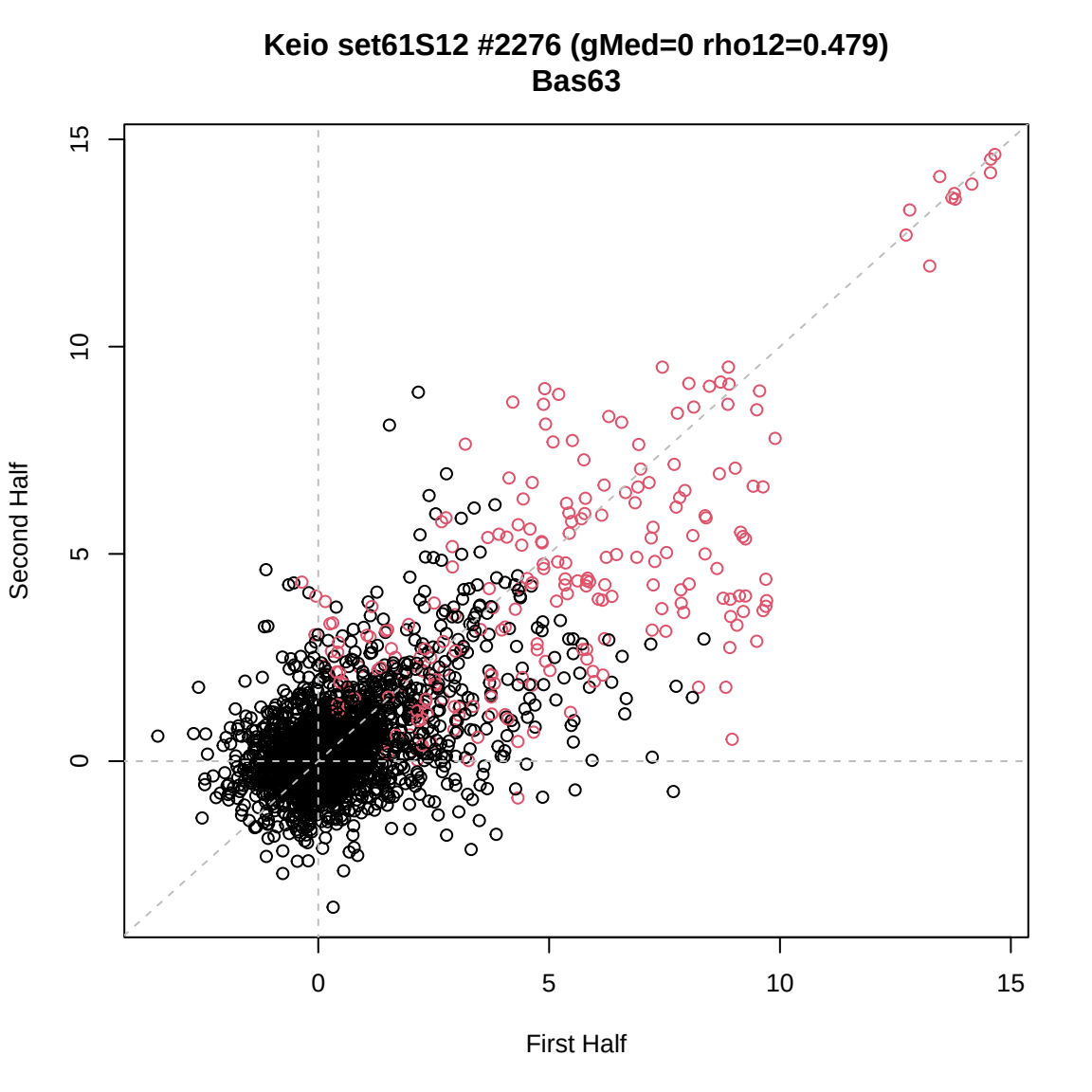

Keio set61S7 #2271 (gMed=0 rho12=0.492)
Bas35
Second Half
First Half
0
5
10
15

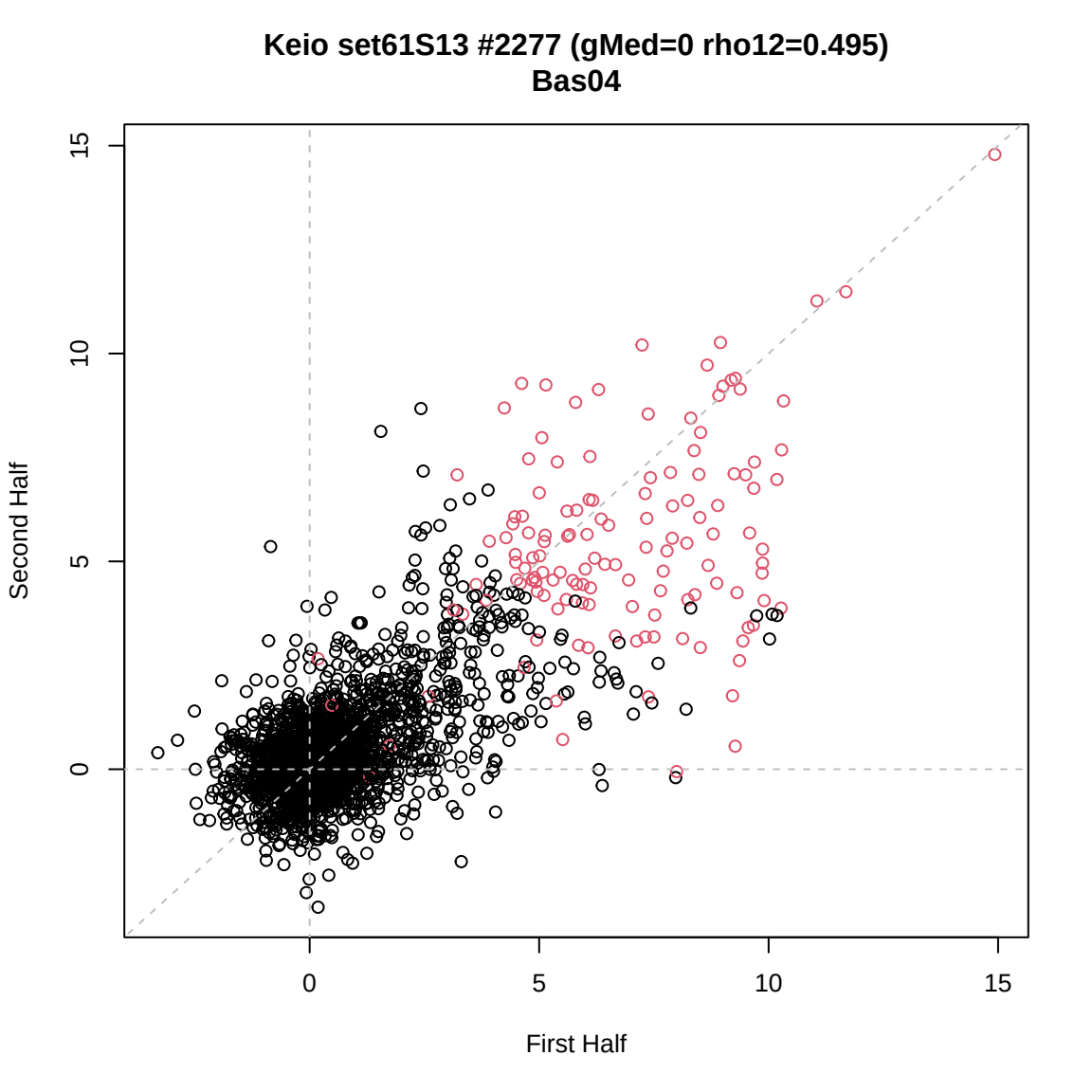

Keio set61S8 #2272 (gMed=0 rho12=0.497)
Bas35
Second Half
First Half
0
5
10
15

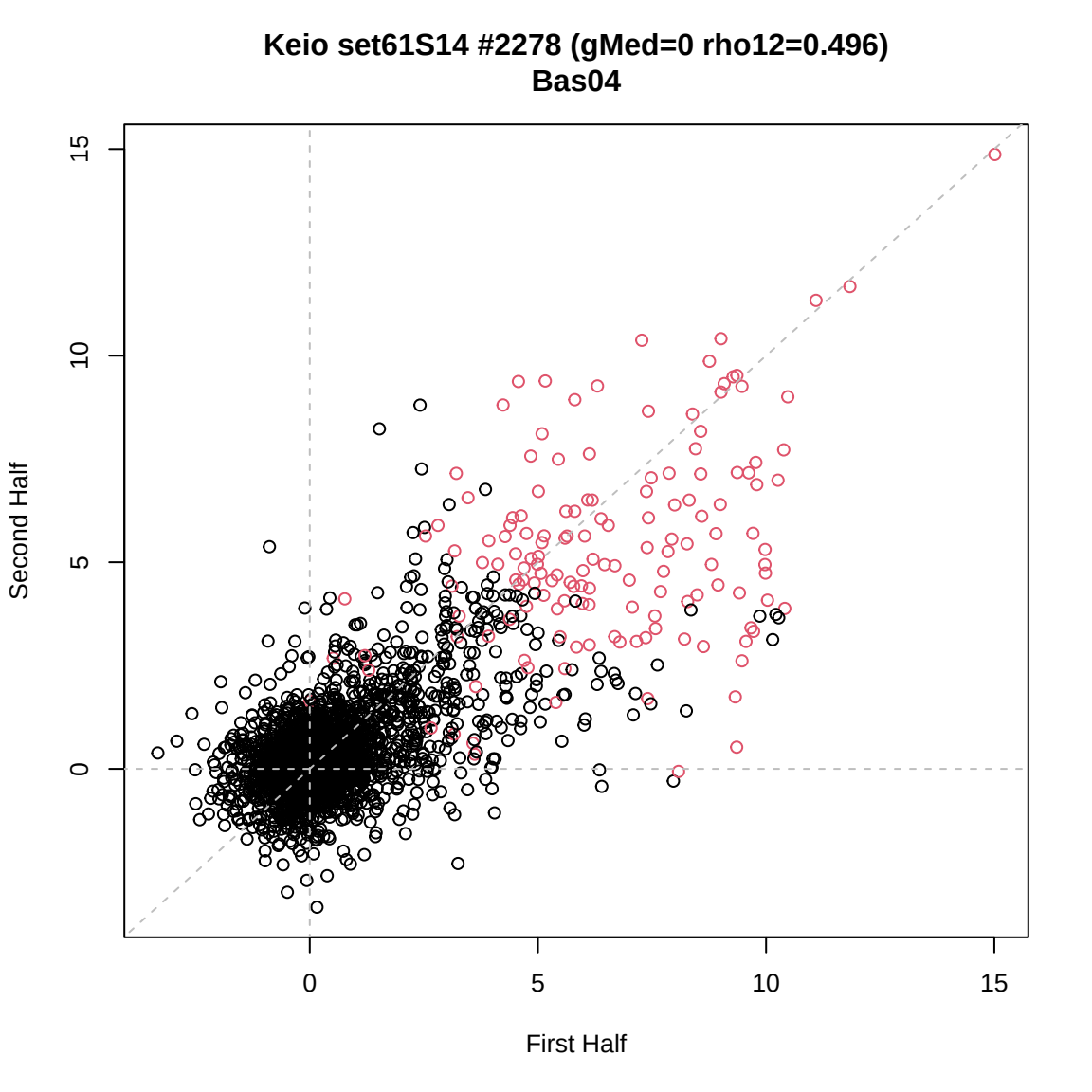

Keio set61S9 #2273 (gMed=0 rho12=0.498)
Bas51
Second Half
First Half
0
5
10
15

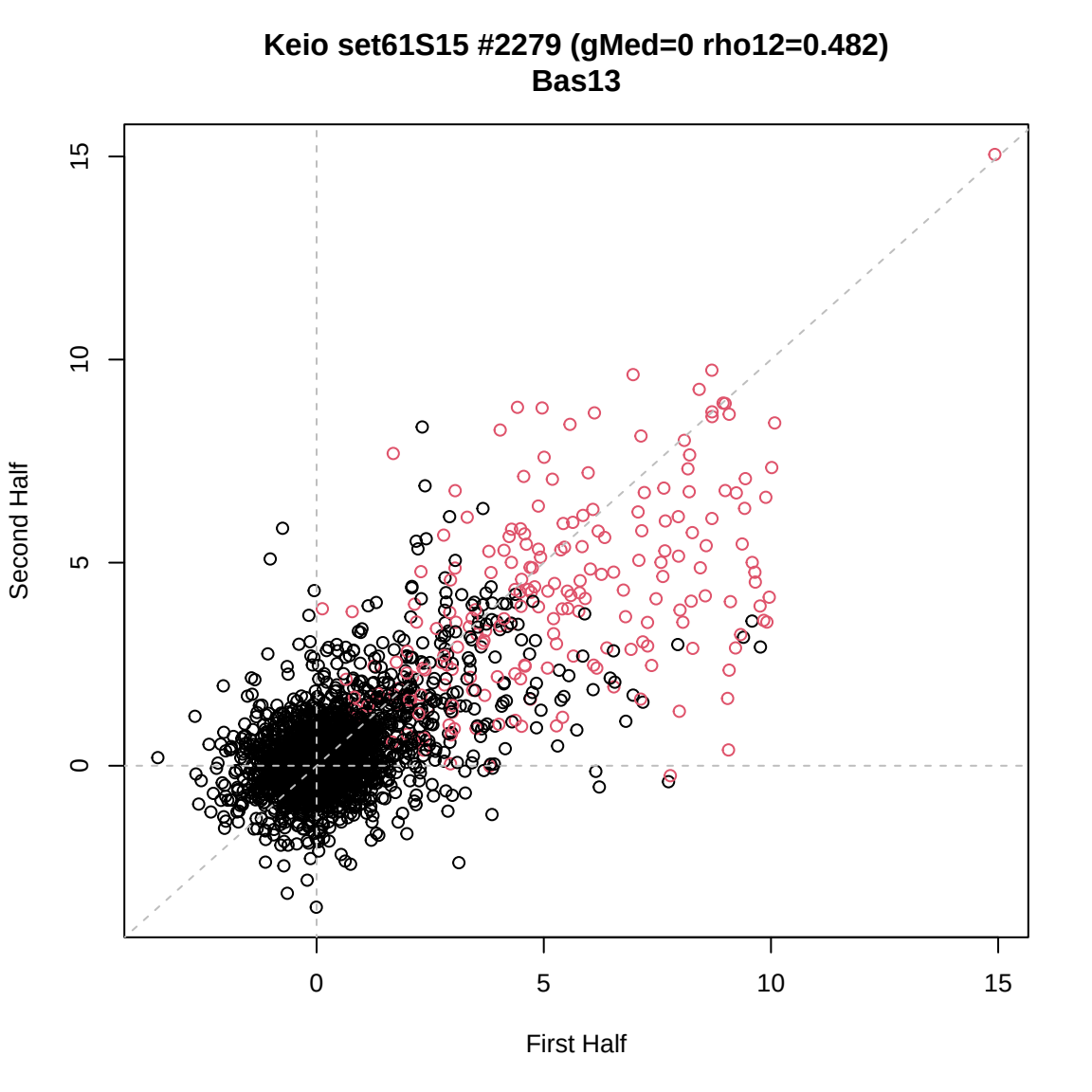

Keio set61S10 #2274 (gMed=0 rho12=0.498)
Bas51
Second Half
First Half
0
5
10
15

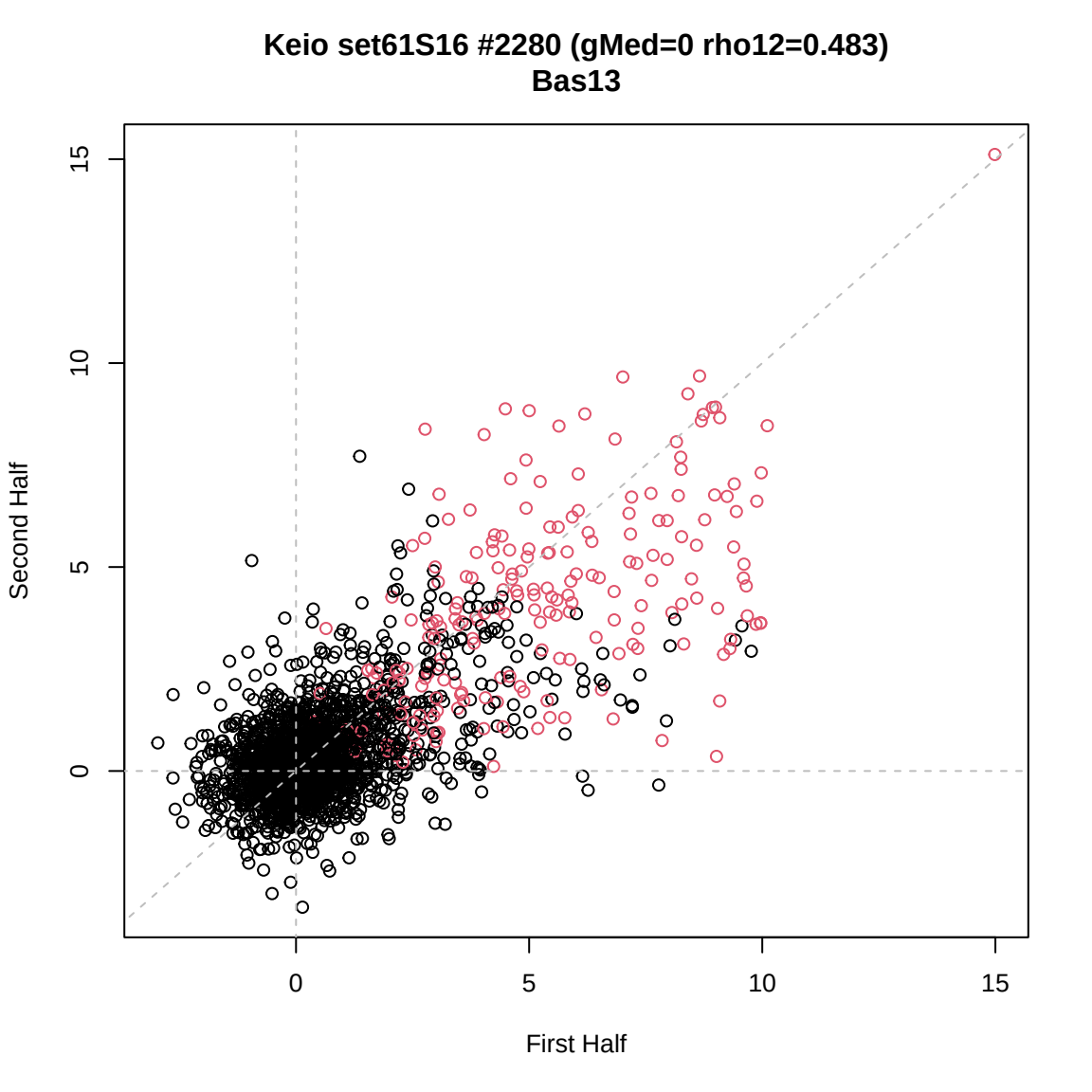

Keio set61S11 #2275 (gMed=6 rho12=0.429)
Bas63
Second Half
First Half
0
5
10
0
5
10

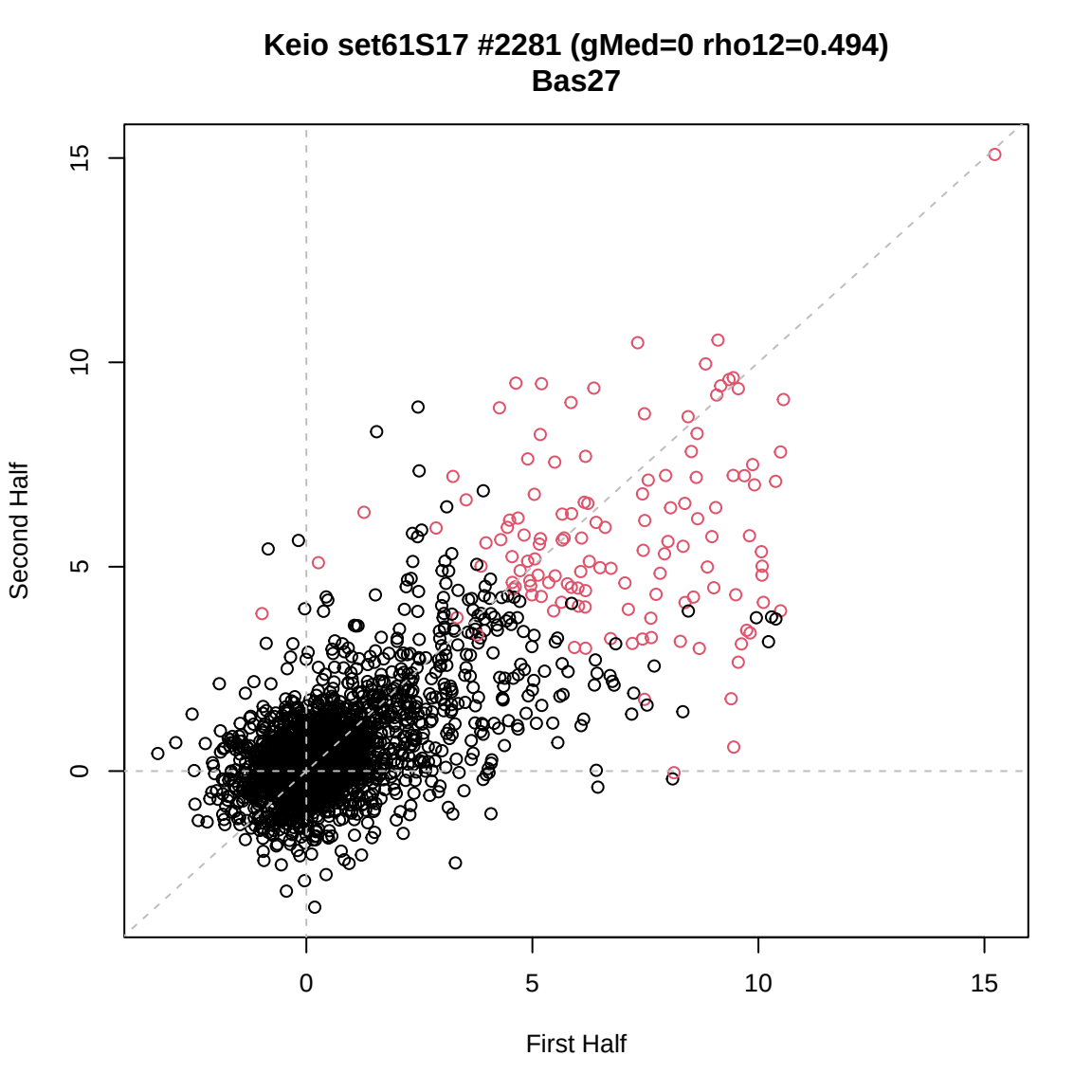

Keio set61S12 #2276 (gMed=0 rho12=0.479)
Bas63
Second Half
First Half
0
5
10
15

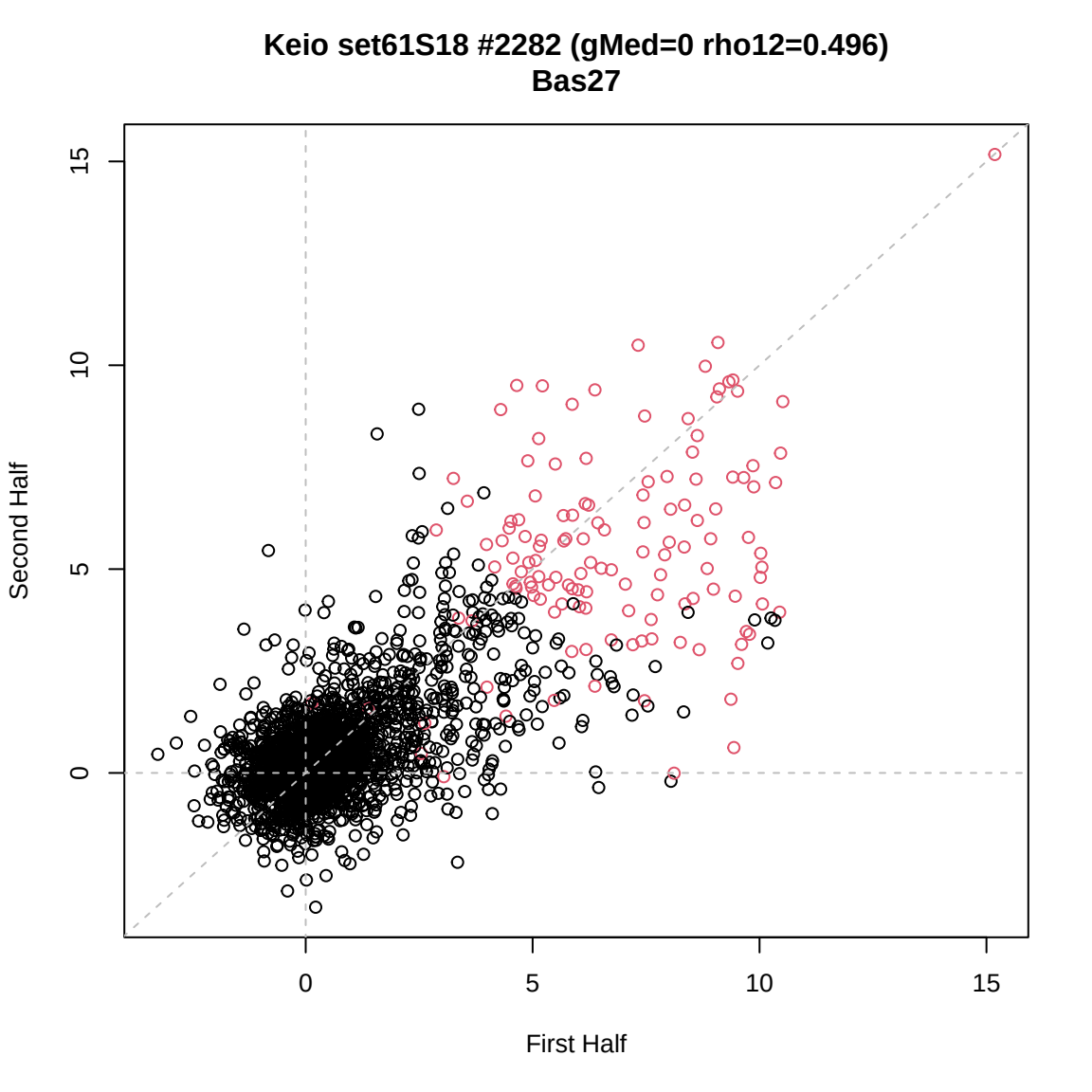

Keio set61S13 #2277 (gMed=0 rho12=0.495)
Bas04
Second Half
First Half
15
10
5
0
0
5
10
15

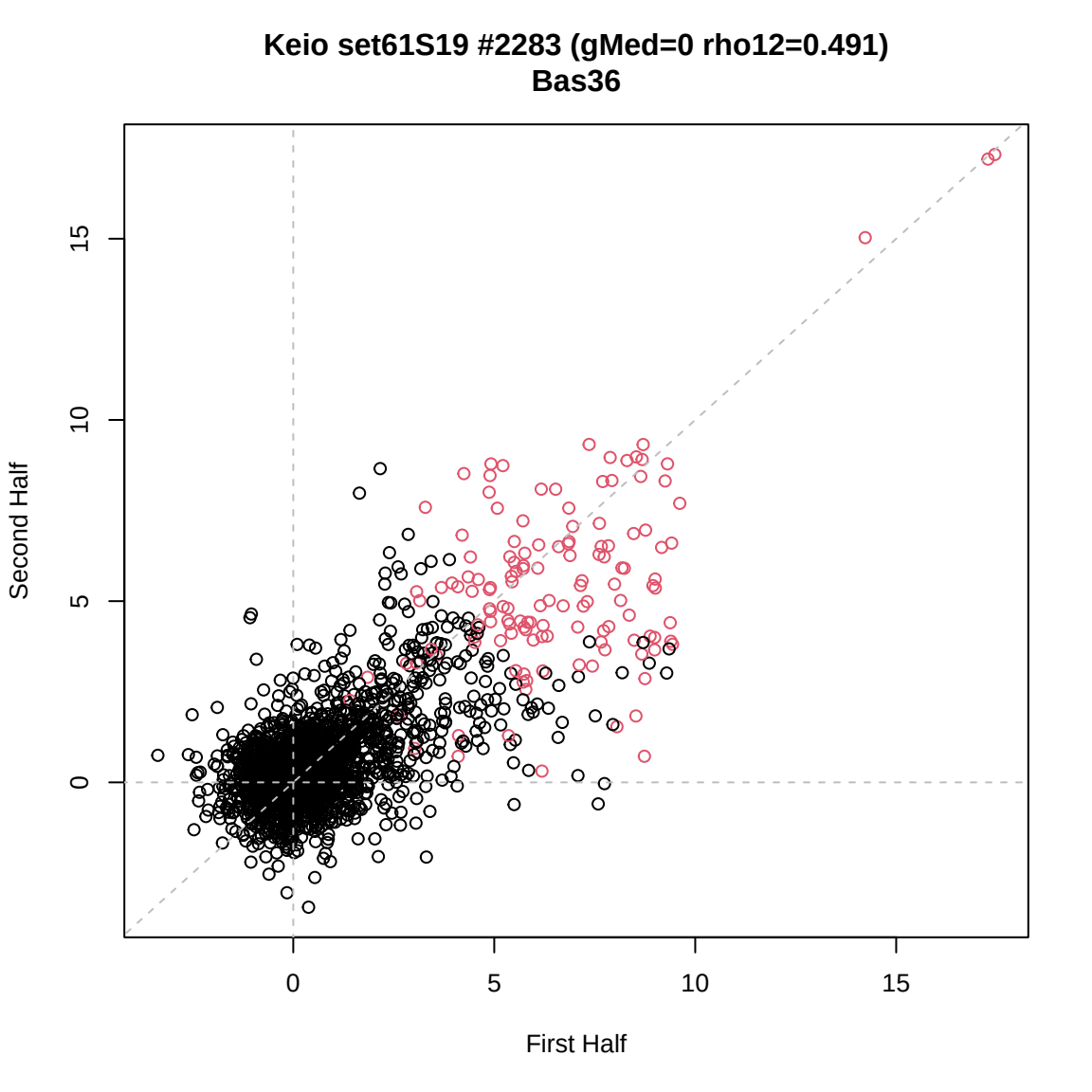

Keio set61S14 #2278 (gMed=0 rho12=0.496)
Bas04
Second Half
First Half
0
5
10
15

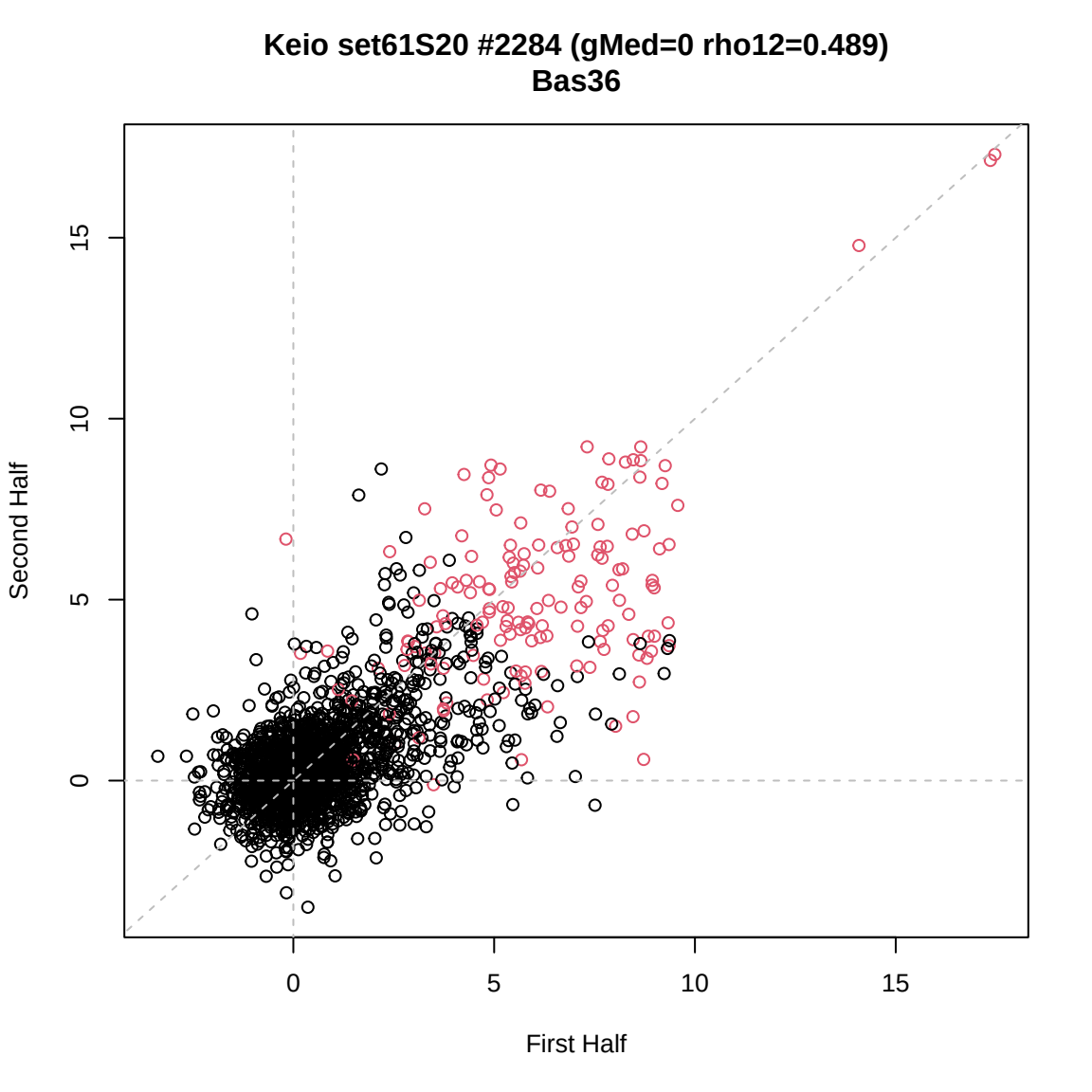

Keio set61S15 #2279 (gMed=0 rho12=0.482)
Bas13
Second Half
First Half
0
5
10
15

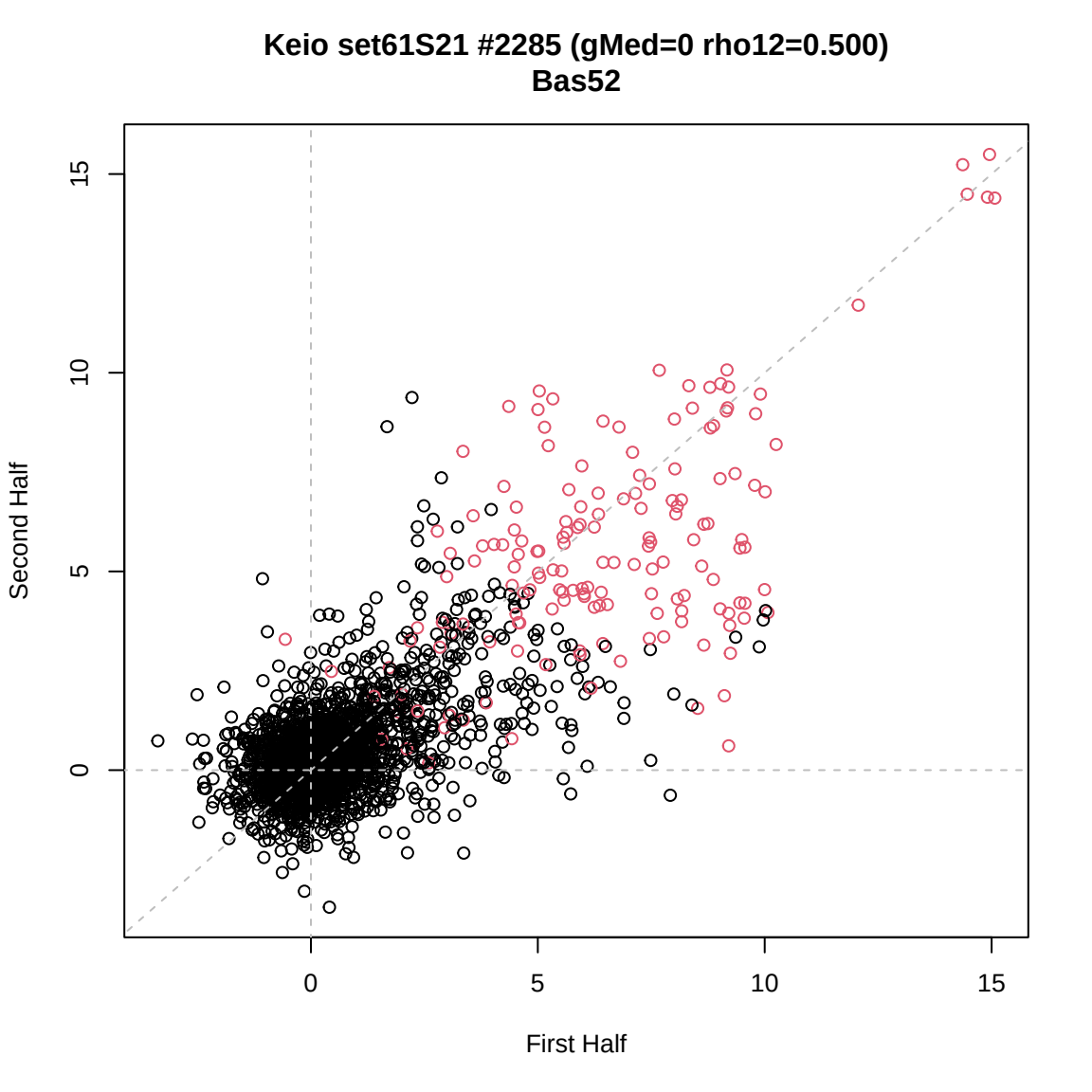

Keio set61S16 #2280 (gMed=0 rho12=0.483)
Bas13
Second Half
First Half
0
5
10
15

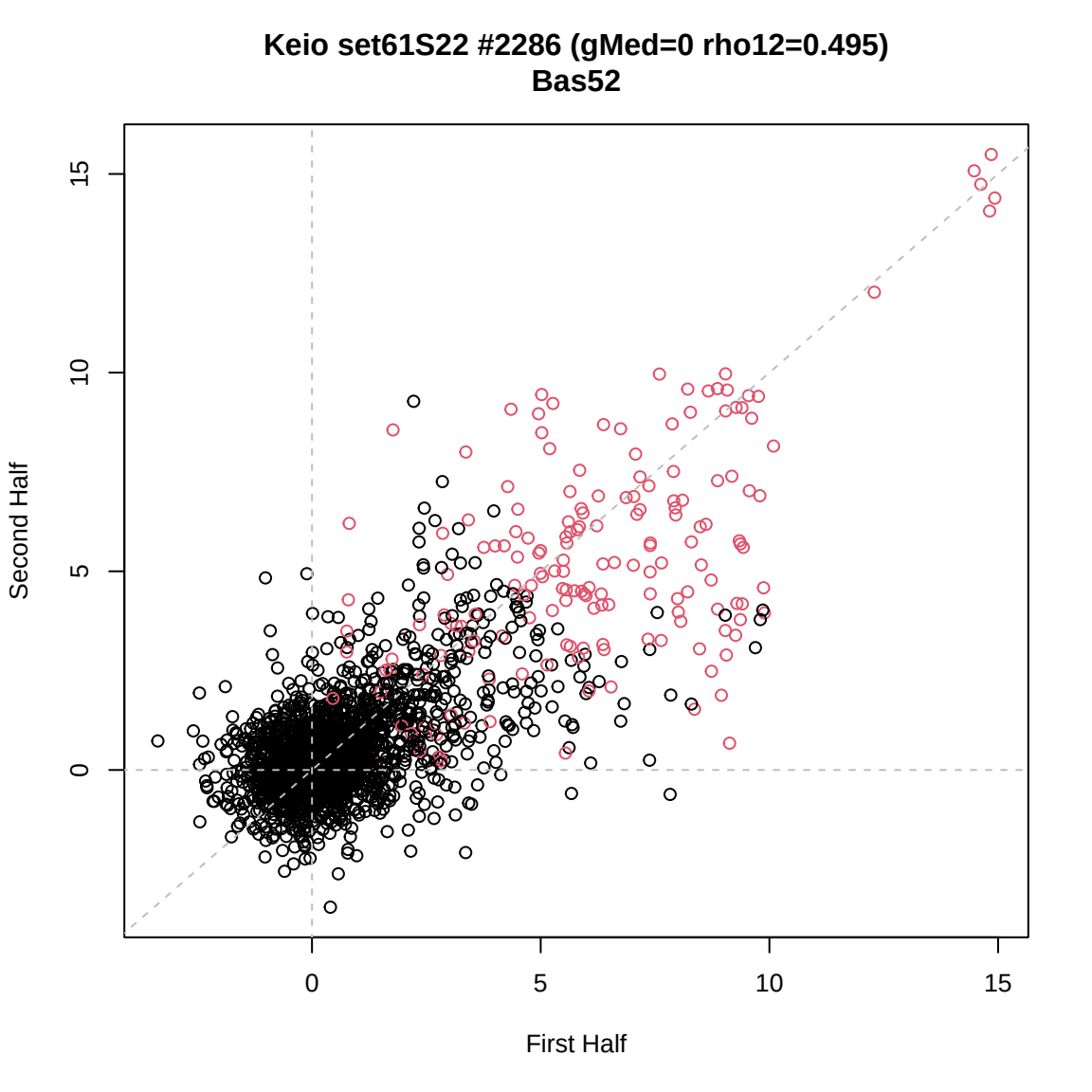

Keio set61S17 #2281 (gMed=0 rho12=0.494)
Bas27
Second Half
First Half
0
5
10
15

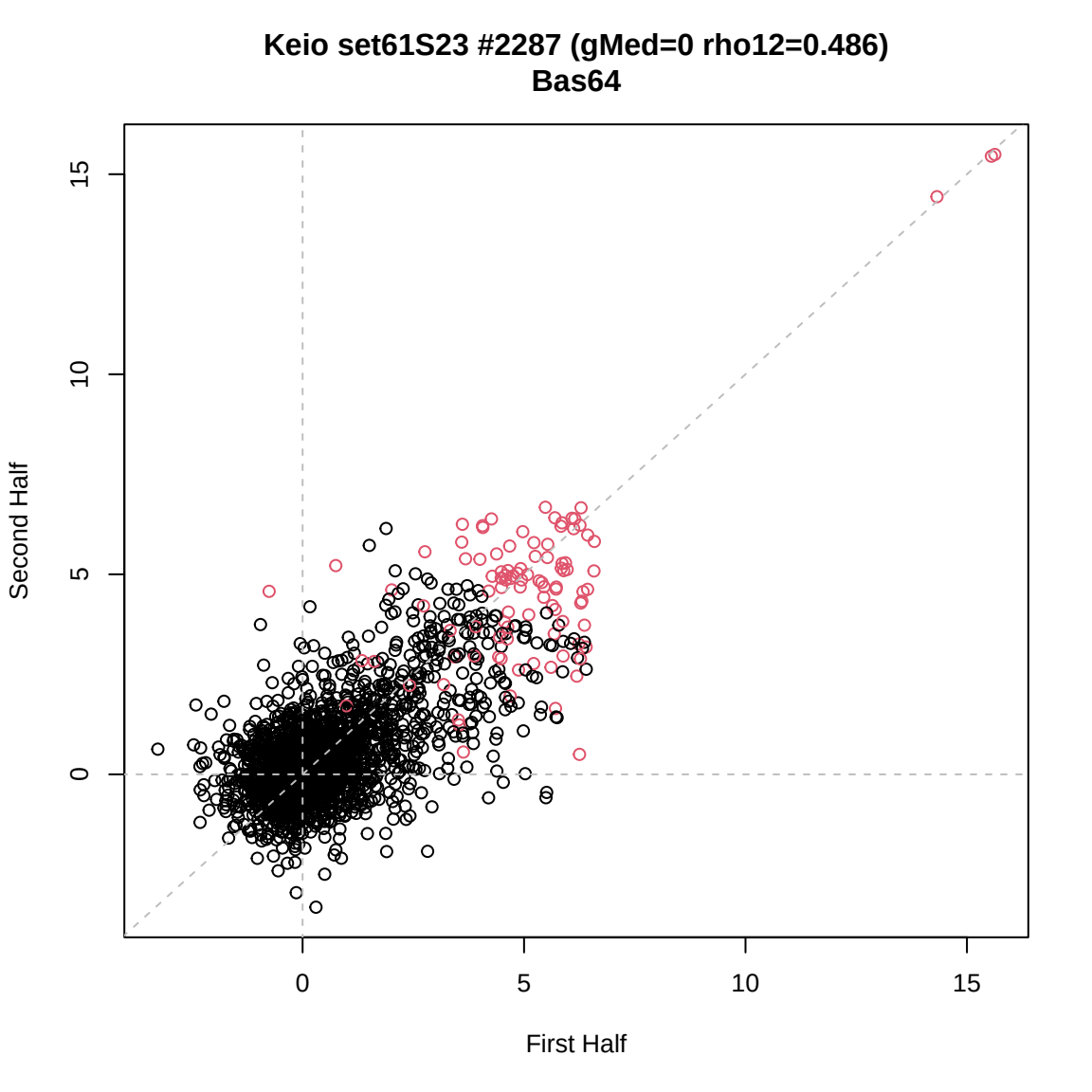

Keio set61S18 #2282 (gMed=0 rho12=0.496)
Bas27
Second Half
First Half
0
5
10
15

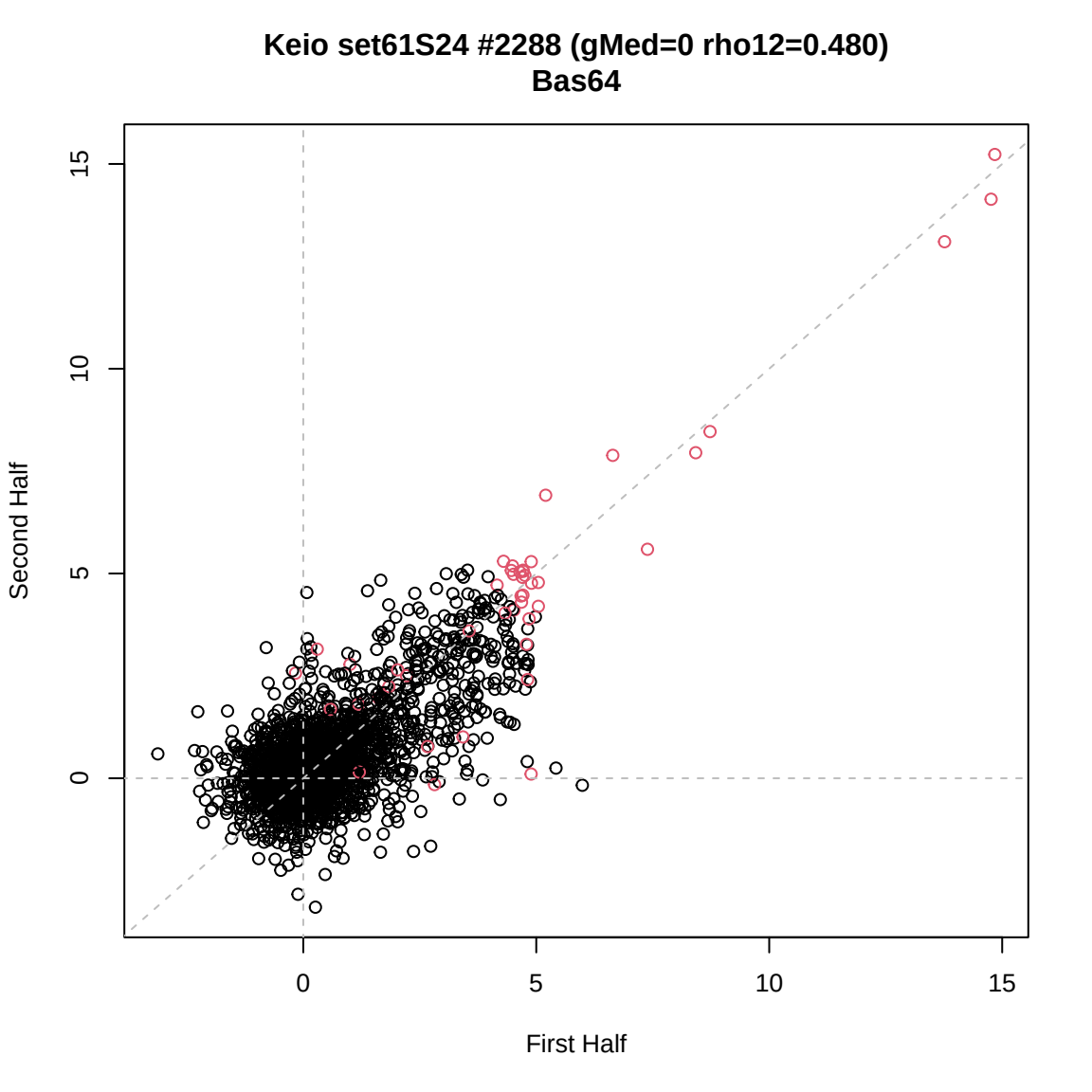

Keio set61S19 #2283 (gMed=0 rho12=0.491)
Bas36
Second Half
First Half
0
5
10
15
0
5
10
15

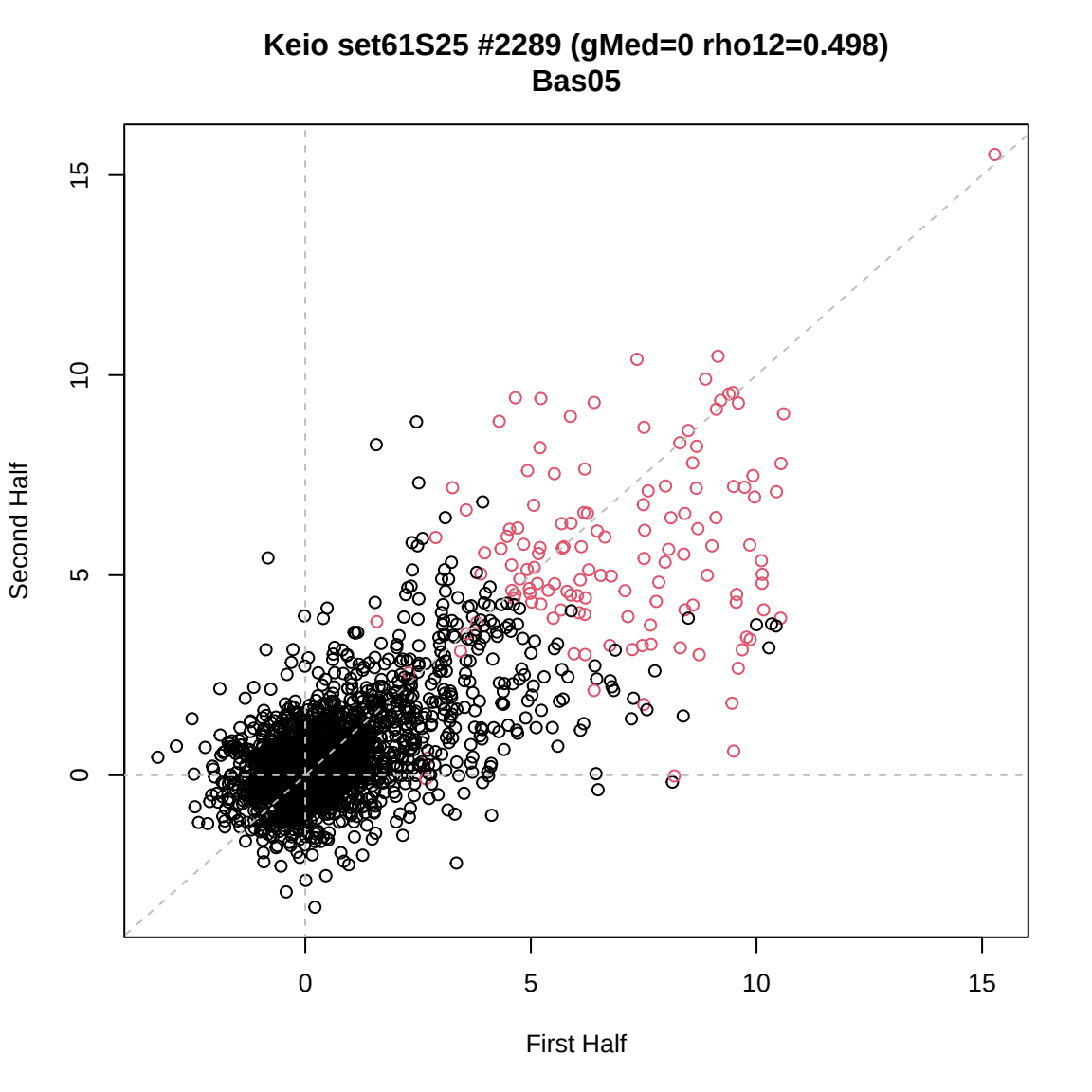

Keio set61S20 #2284 (gMed=0 rho12=0.489)
Bas36
Second Half
First Half
0
5
10
15

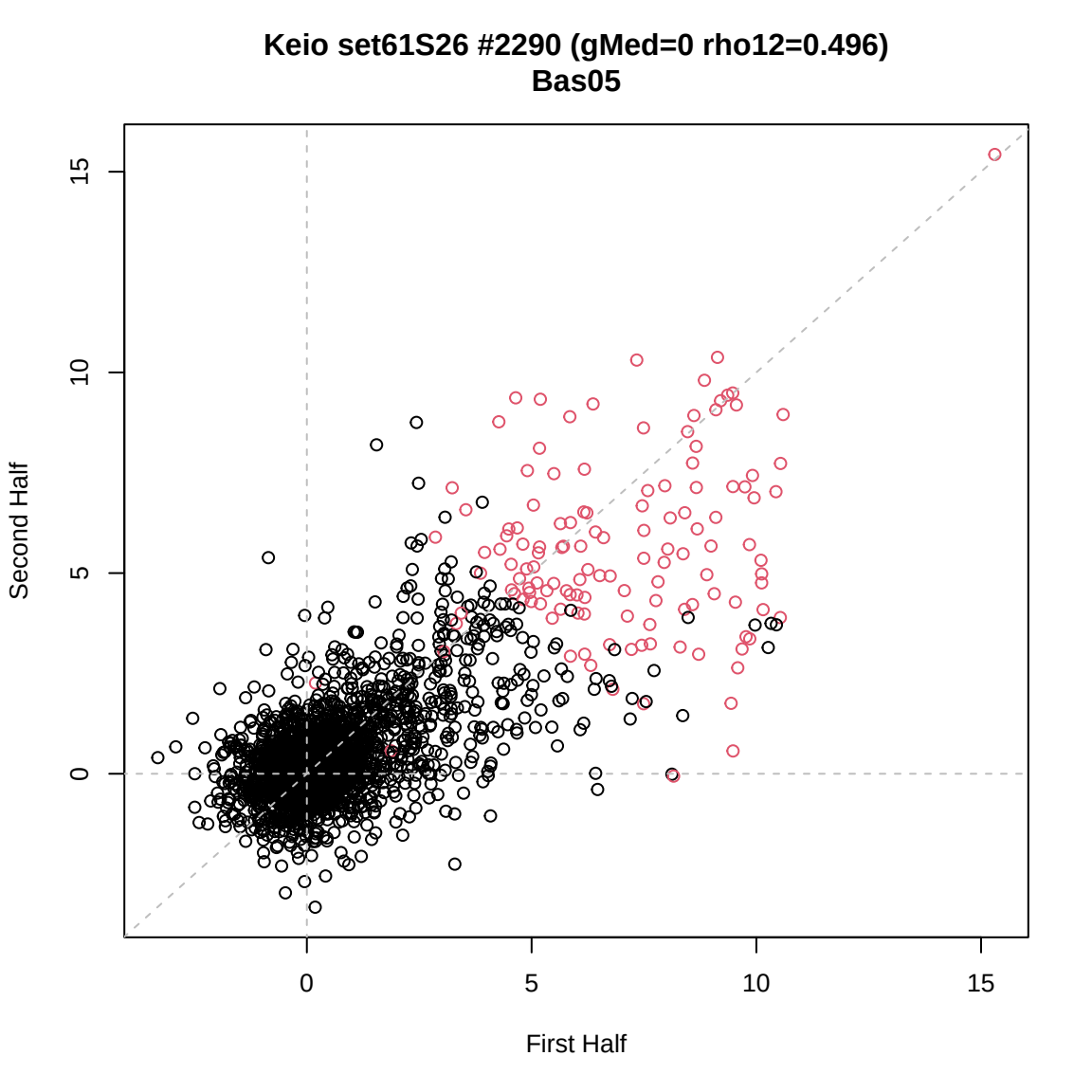

Keio set61S21 #2285 (gMed=0 rho12=0.500)
Bas52
Second Half
First Half
0
5
10
15

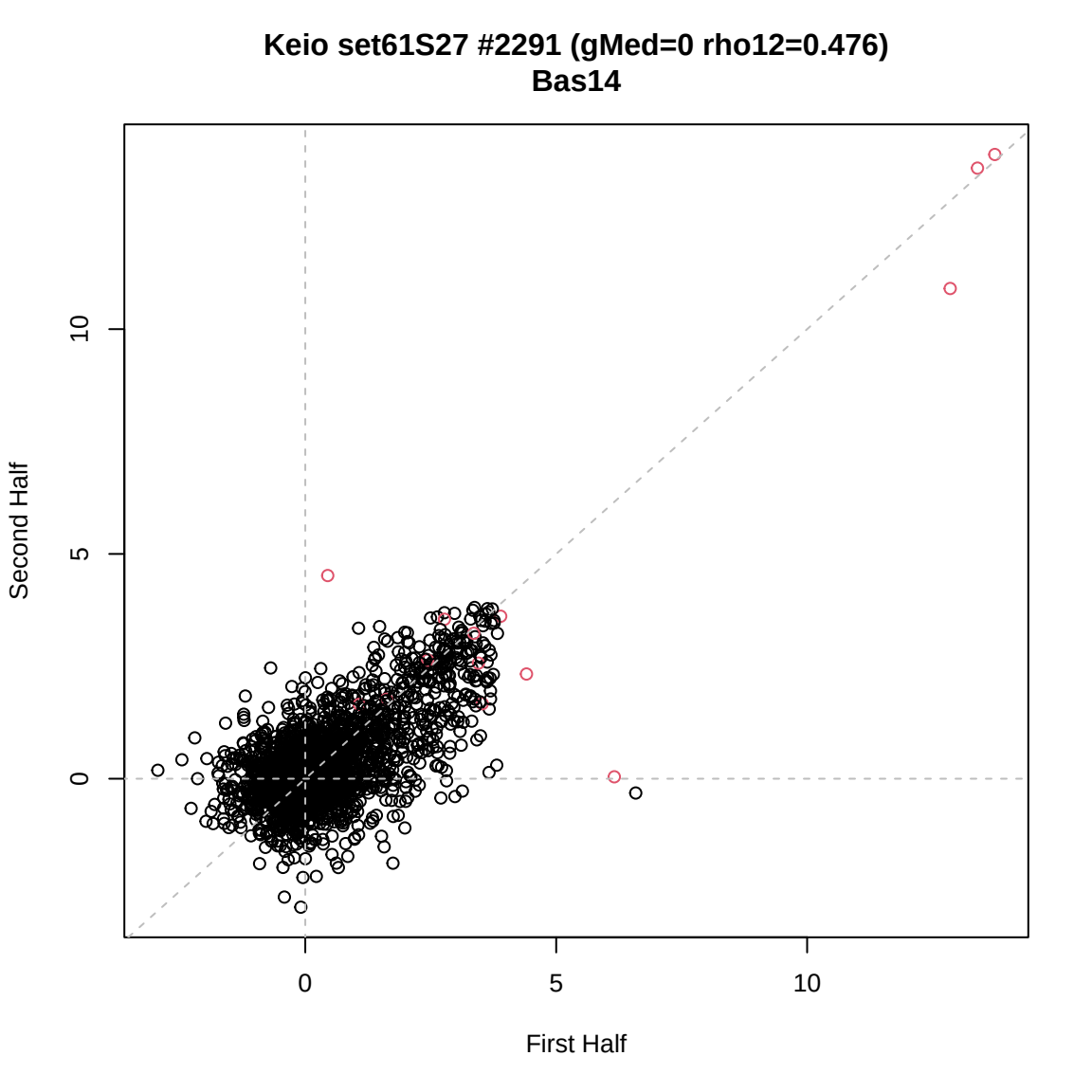

Keio set61S22 #2286 (gMed=0 rho12=0.495)
Bas52
Second Half
First Half
0
5
10
15

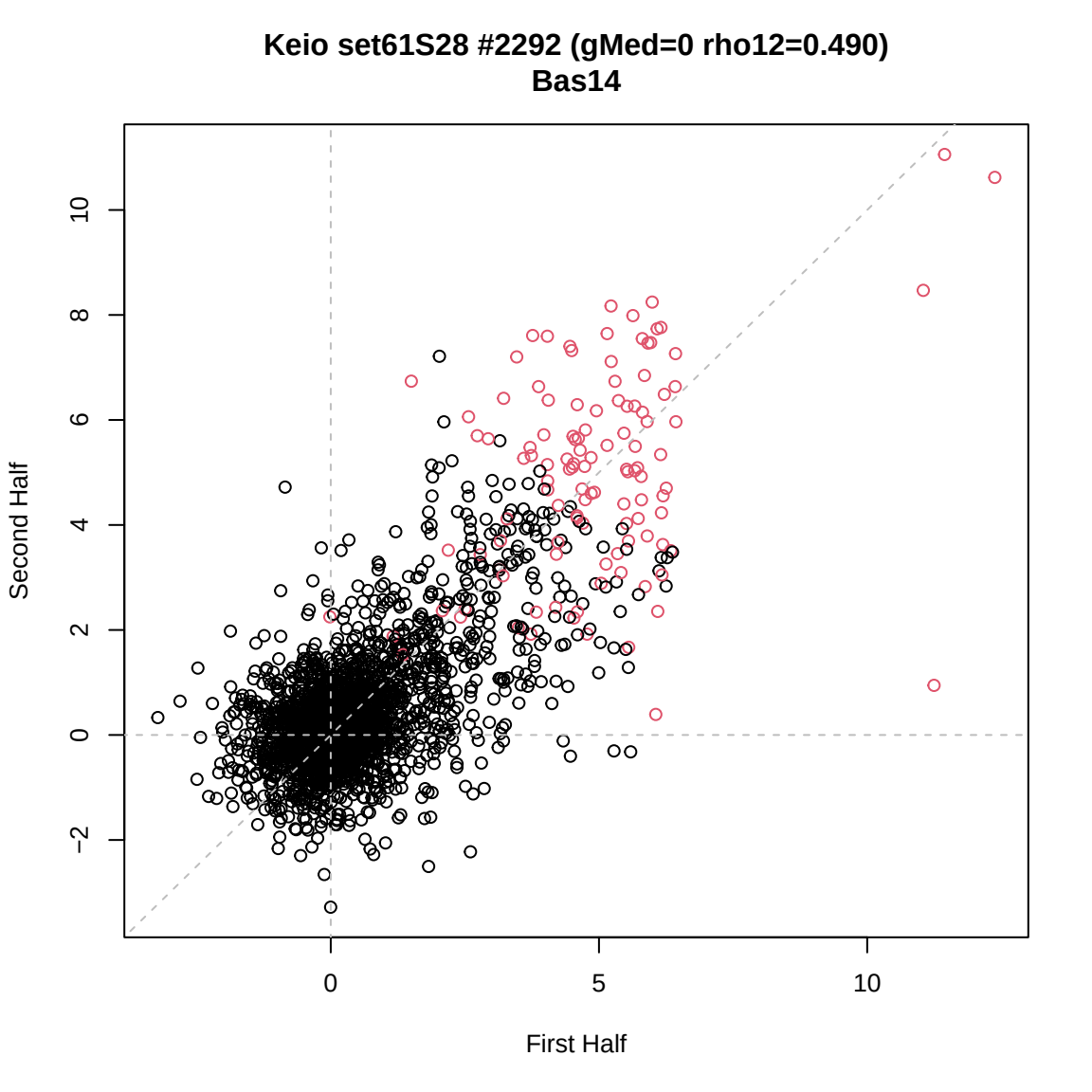

Keio set61S23 #2287 (gMed=0 rho12=0.486)
Bas64
Second Half
First Half
0
5
10
15

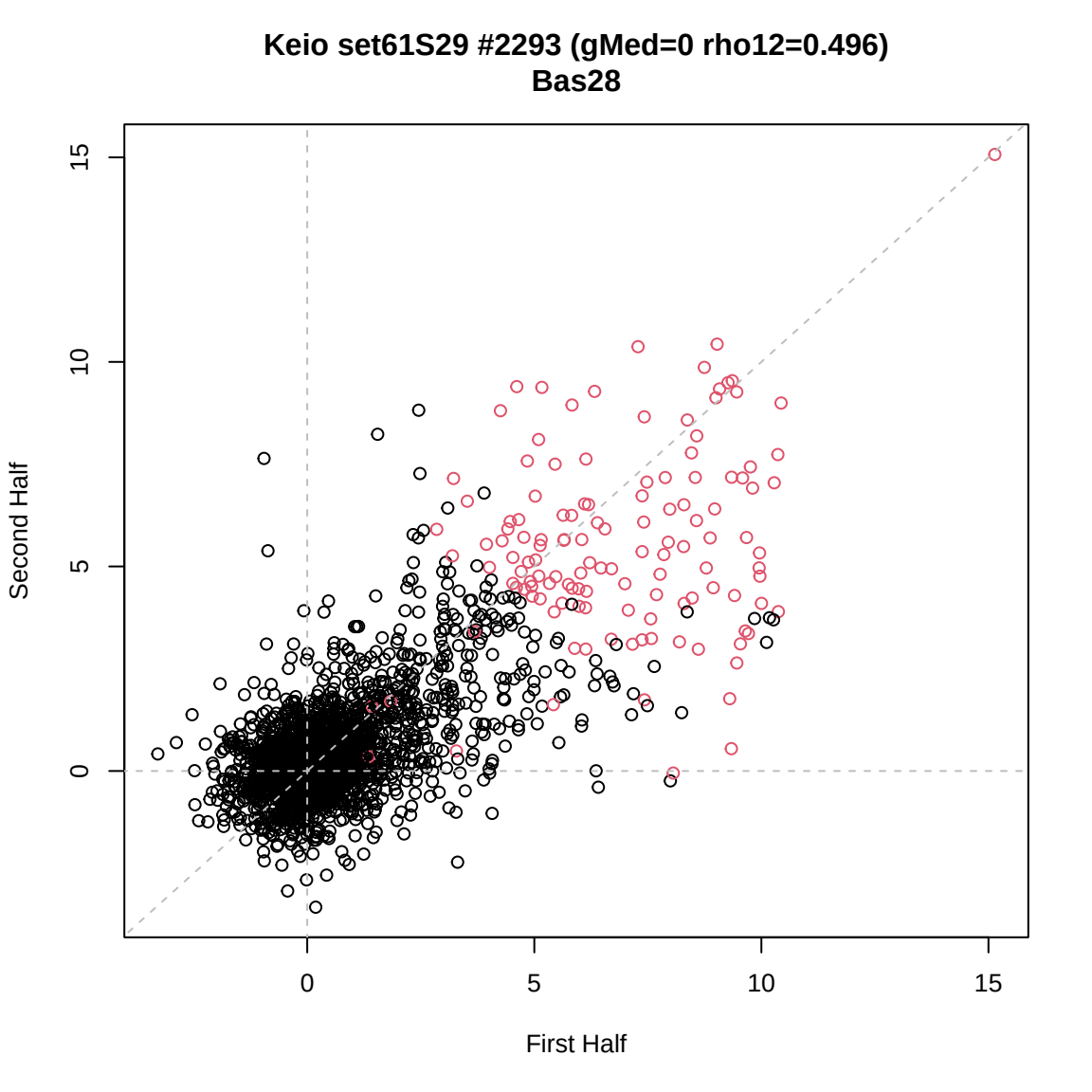

Keio set61S24 #2288 (gMed=0 rho12=0.480)
Bas64
Second Half
First Half
0
5
10
15
0
5
10
15

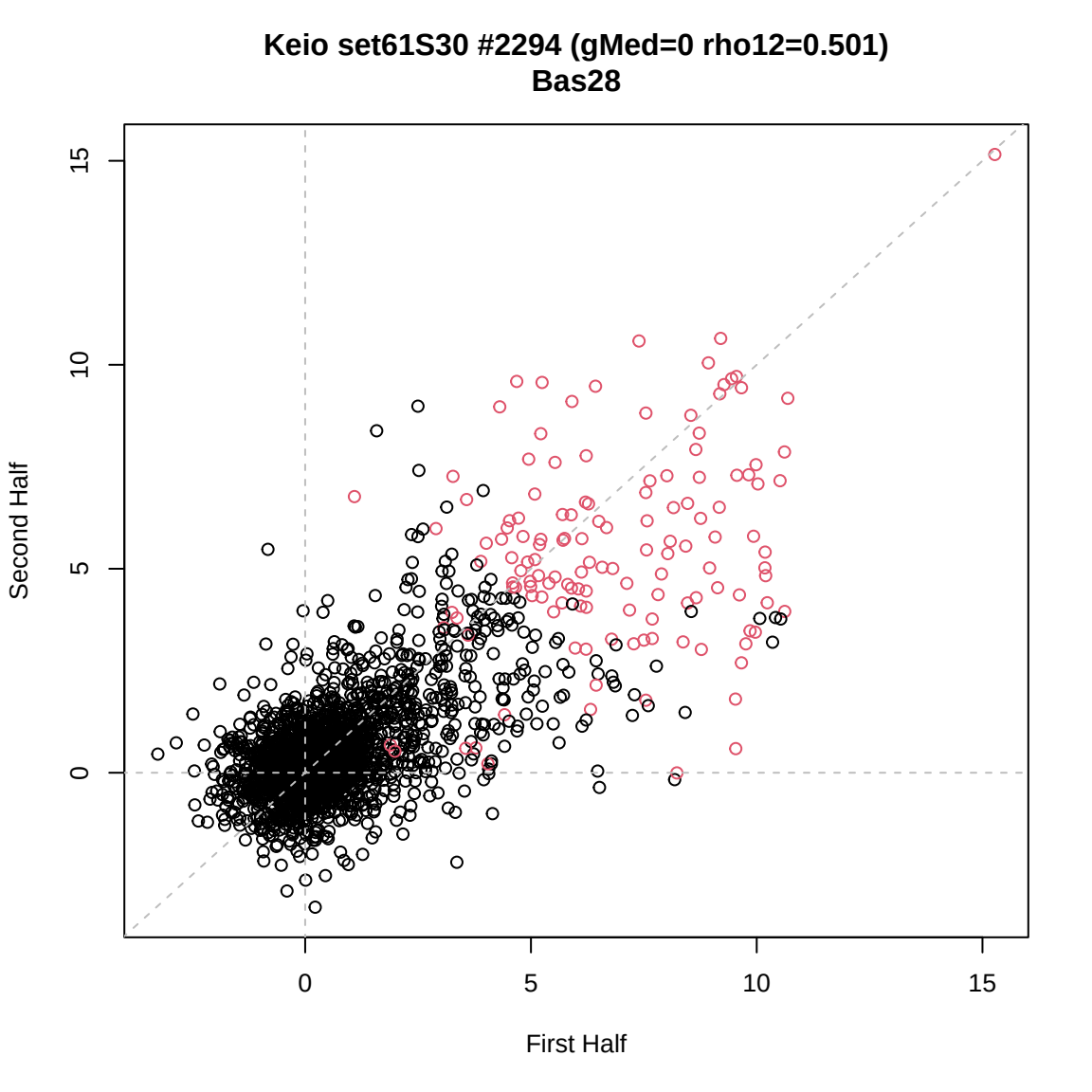

Keio set61S25 #2289 (gMed=0 rho12=0.498)
Bas05
Second Half
First Half
0
5
10
15

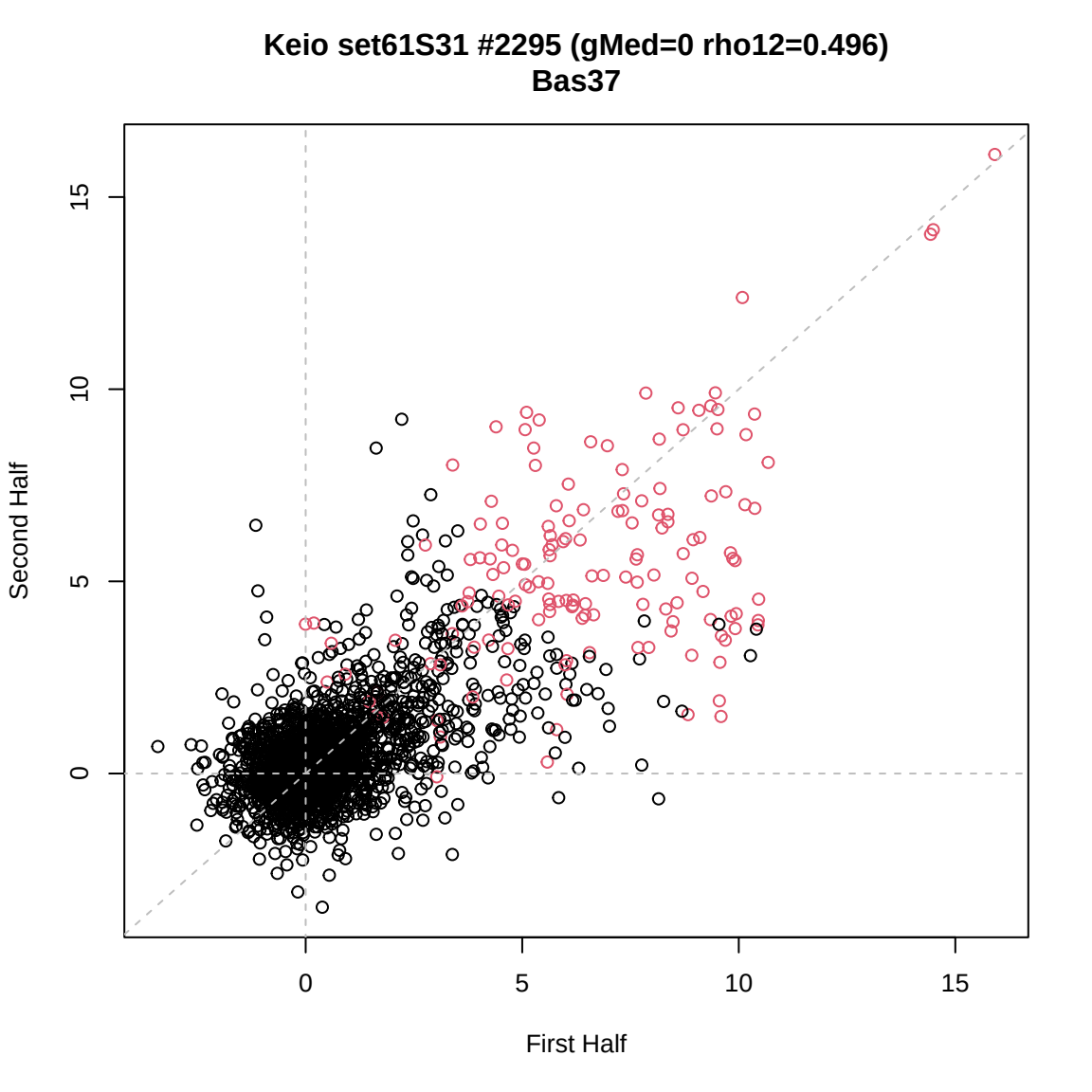

Keio set61S26 #2290 (gMed=0 rho12=0.496)
Bas05
Second Half
First Half
0
5
10
15

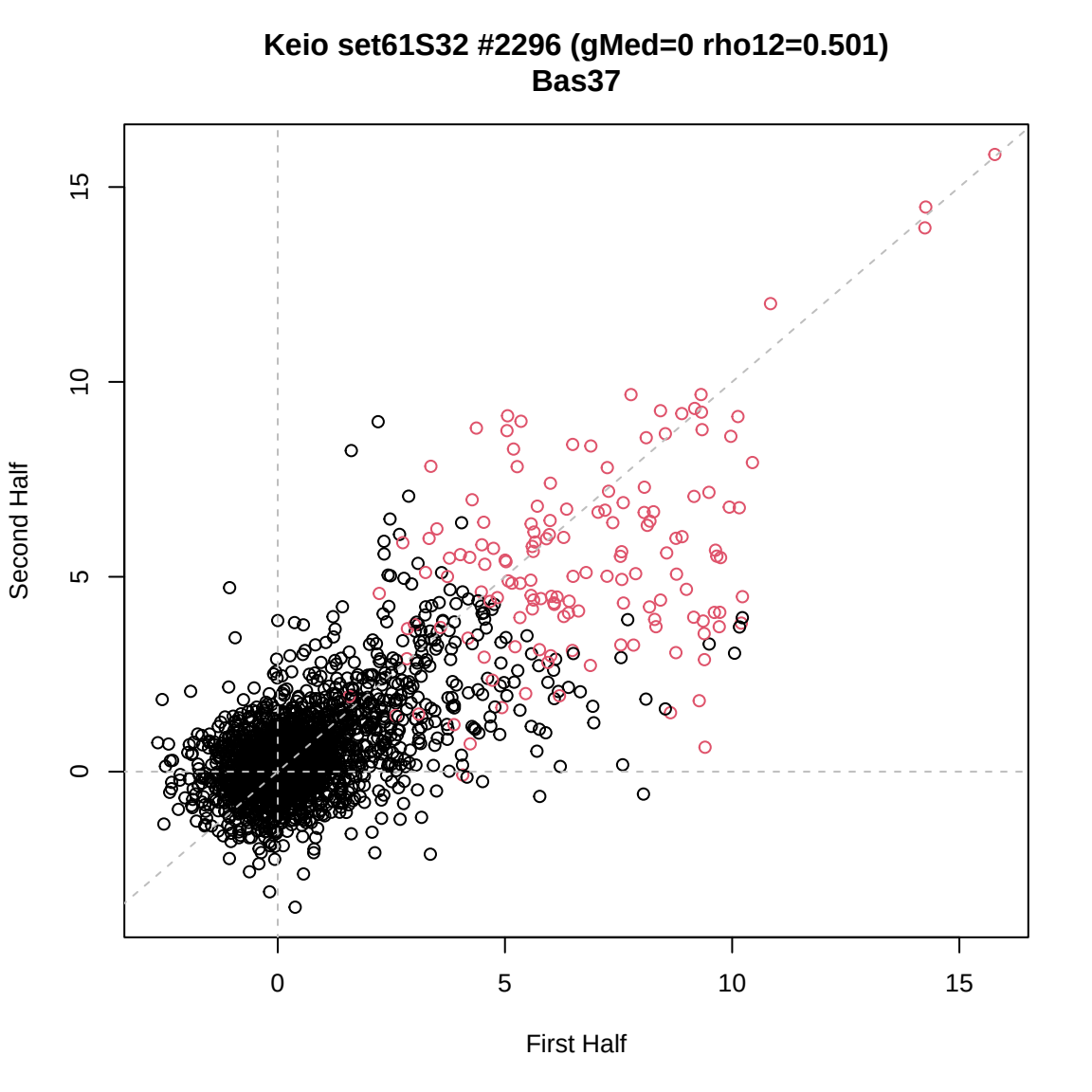

Keio set61S27 #2291 (gMed=0 rho12=0.476)
Bas14
Second Half
First Half
0
5
10
0
5
10

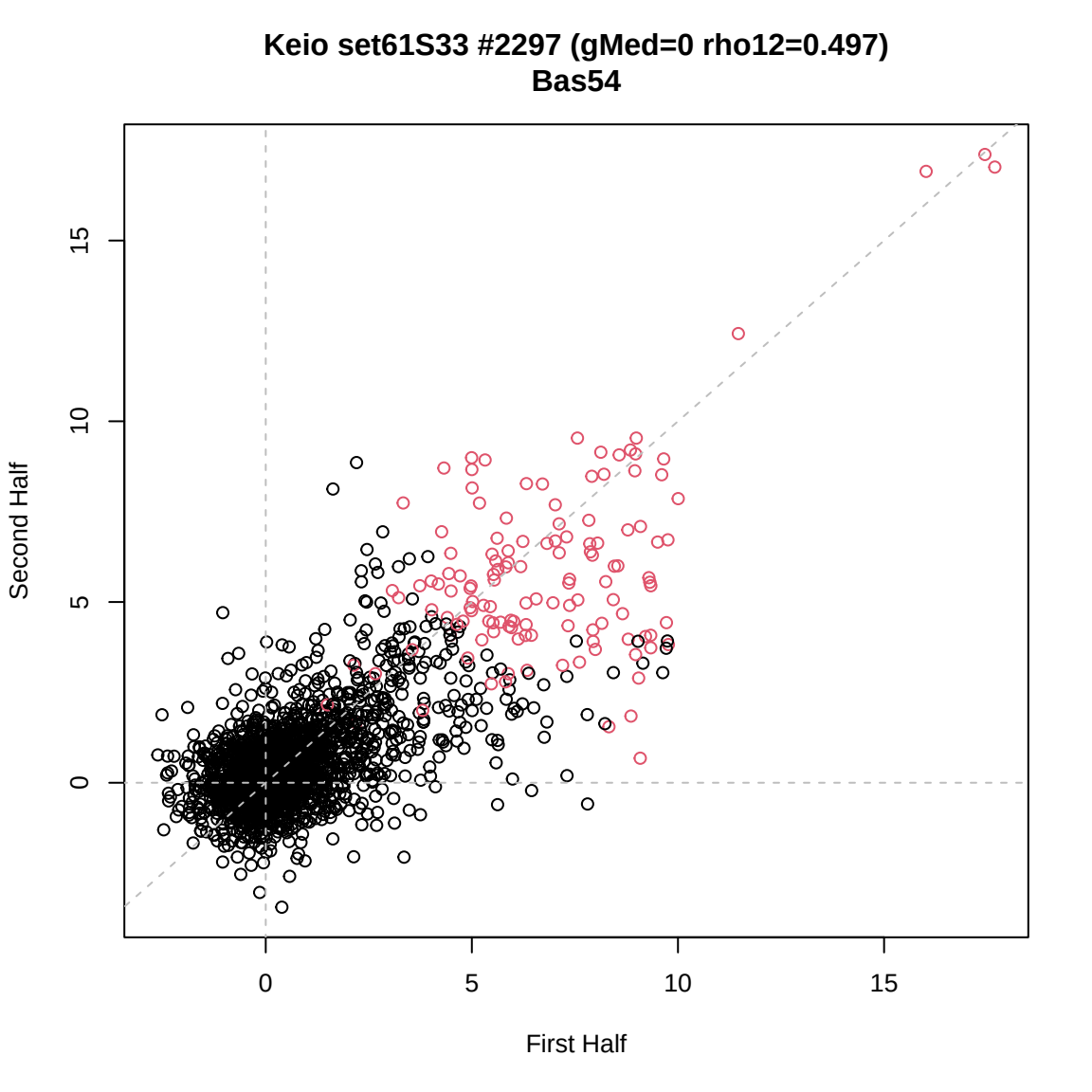

Keio set61S28 #2292 (gMed=0 rho12=0.490)
Bas14
Second Half
First Half
−2
0
2
4
6
8
10
0
5
10

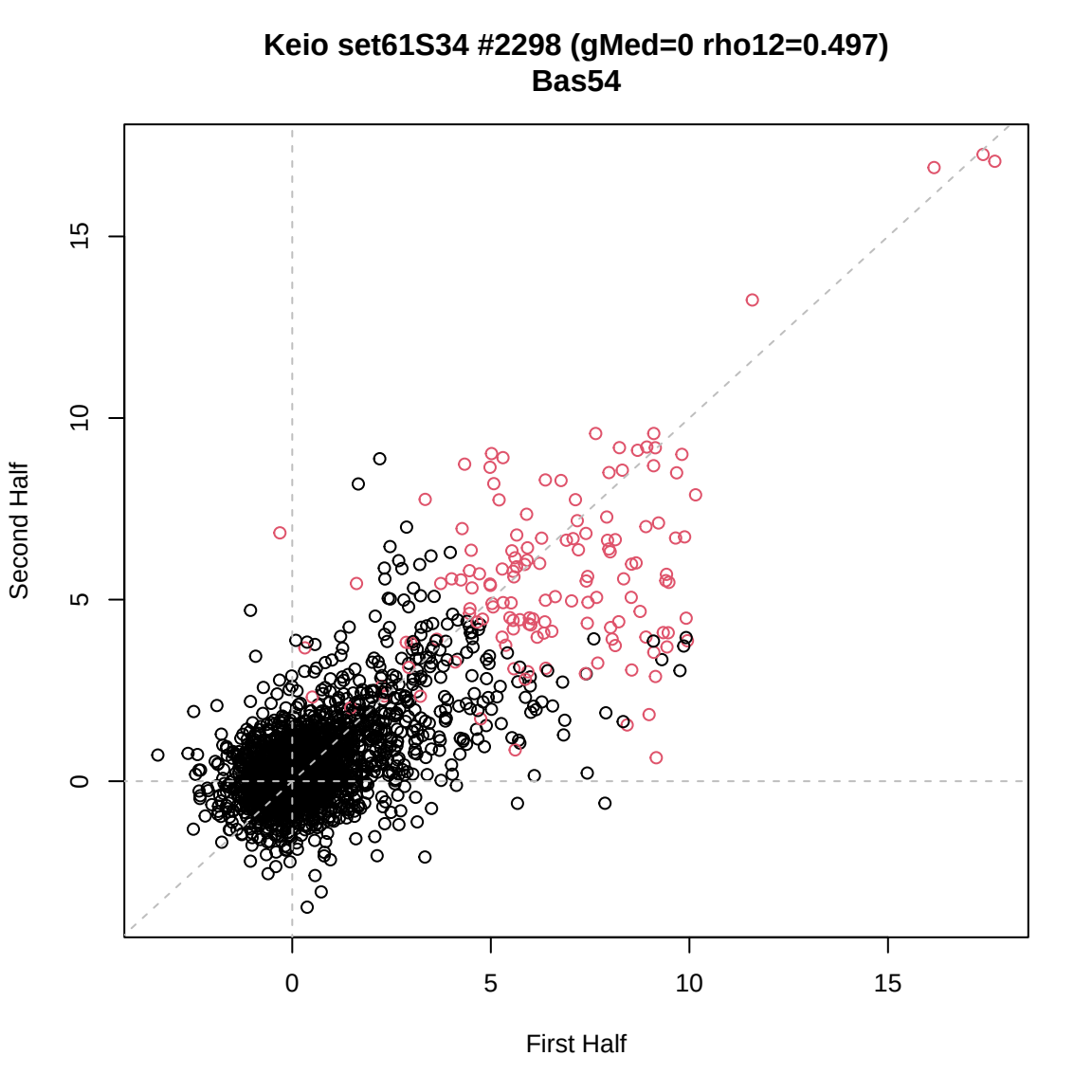

Keio set61S29 #2293 (gMed=0 rho12=0.496)
Bas28
Second Half
First Half
0
5
10
15

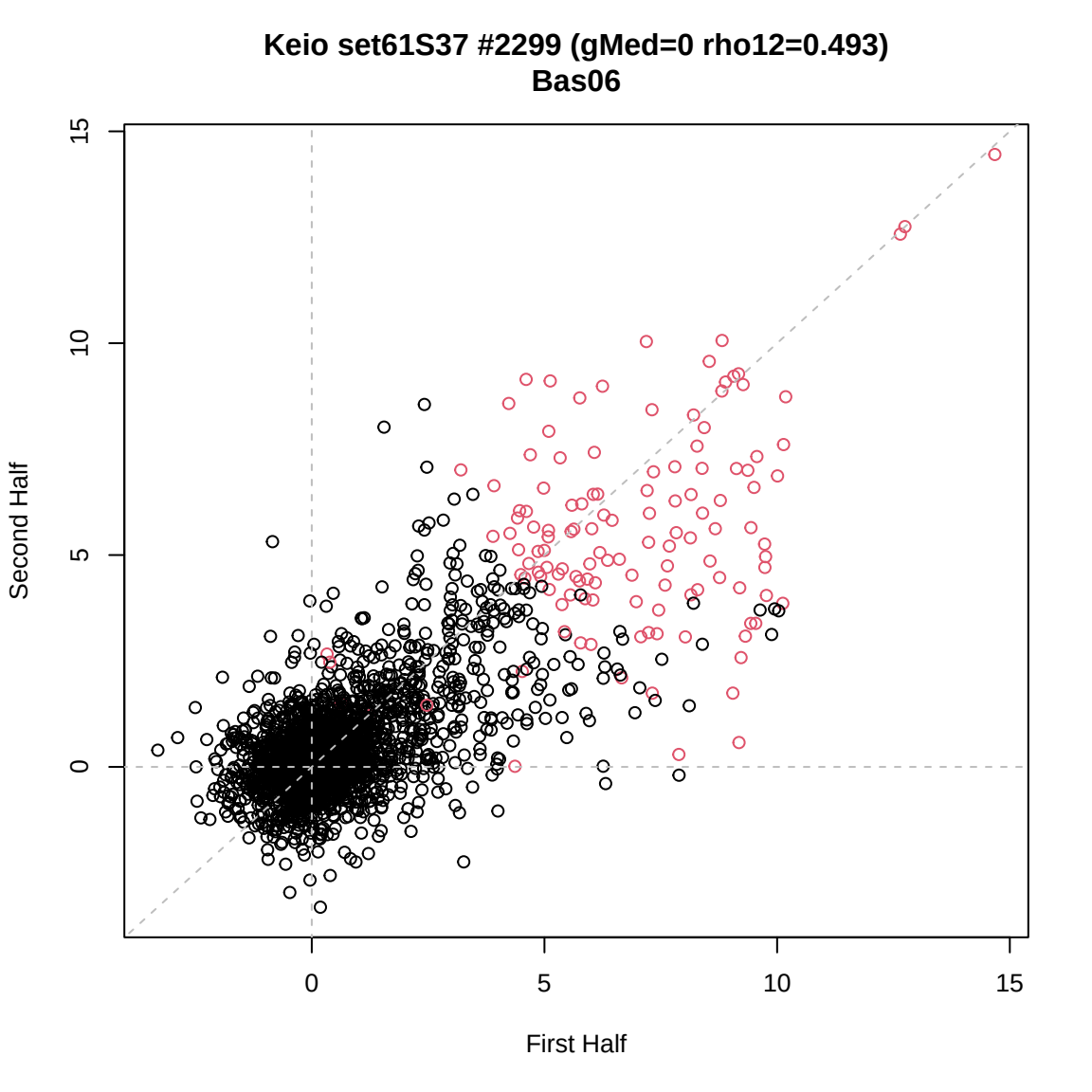

Keio set61S30 #2294 (gMed=0 rho12=0.501)
Bas28
Second Half
First Half
0
5
10
15

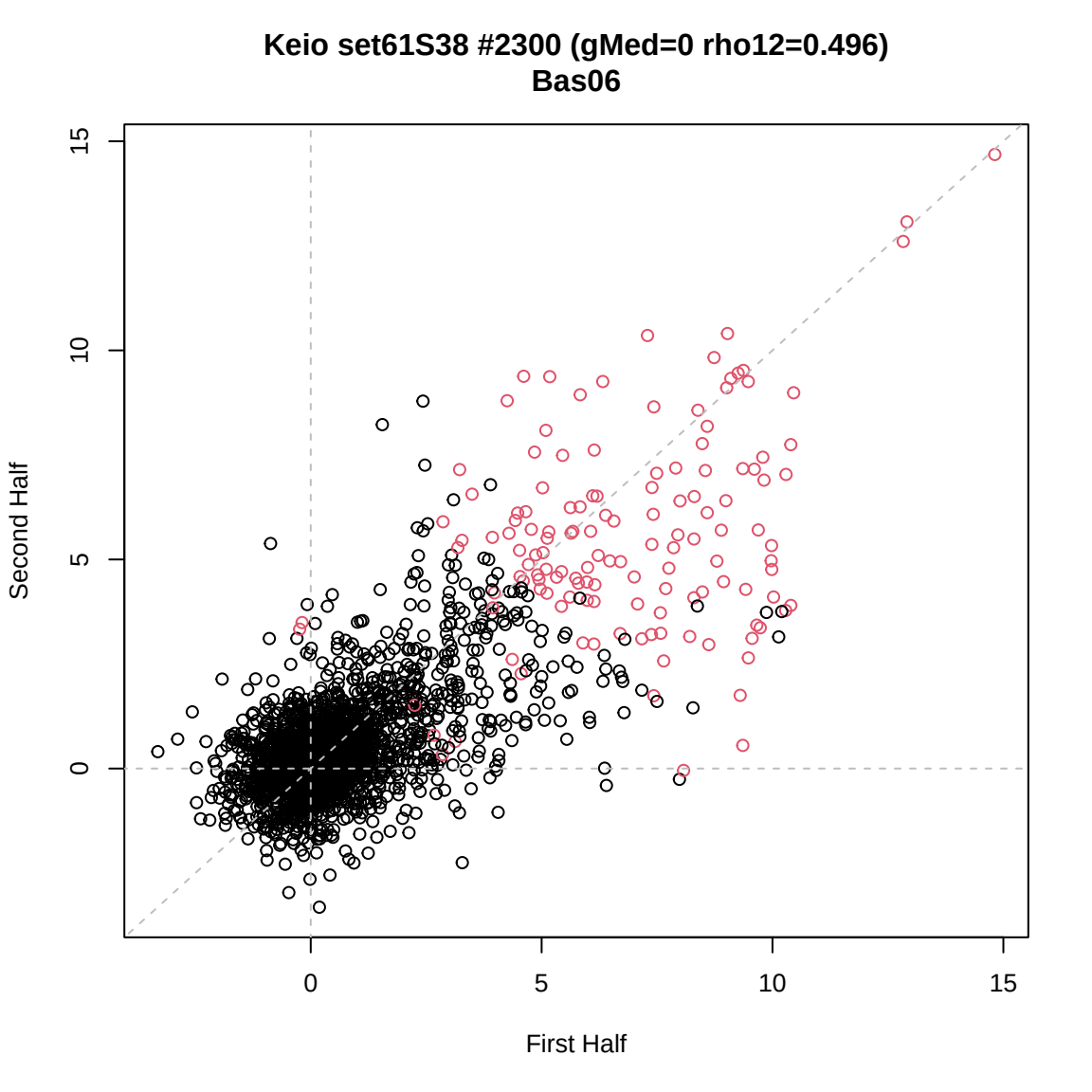

Keio set61S31 #2295 (gMed=0 rho12=0.496)
Bas37
Second Half
First Half
0
5
10
15

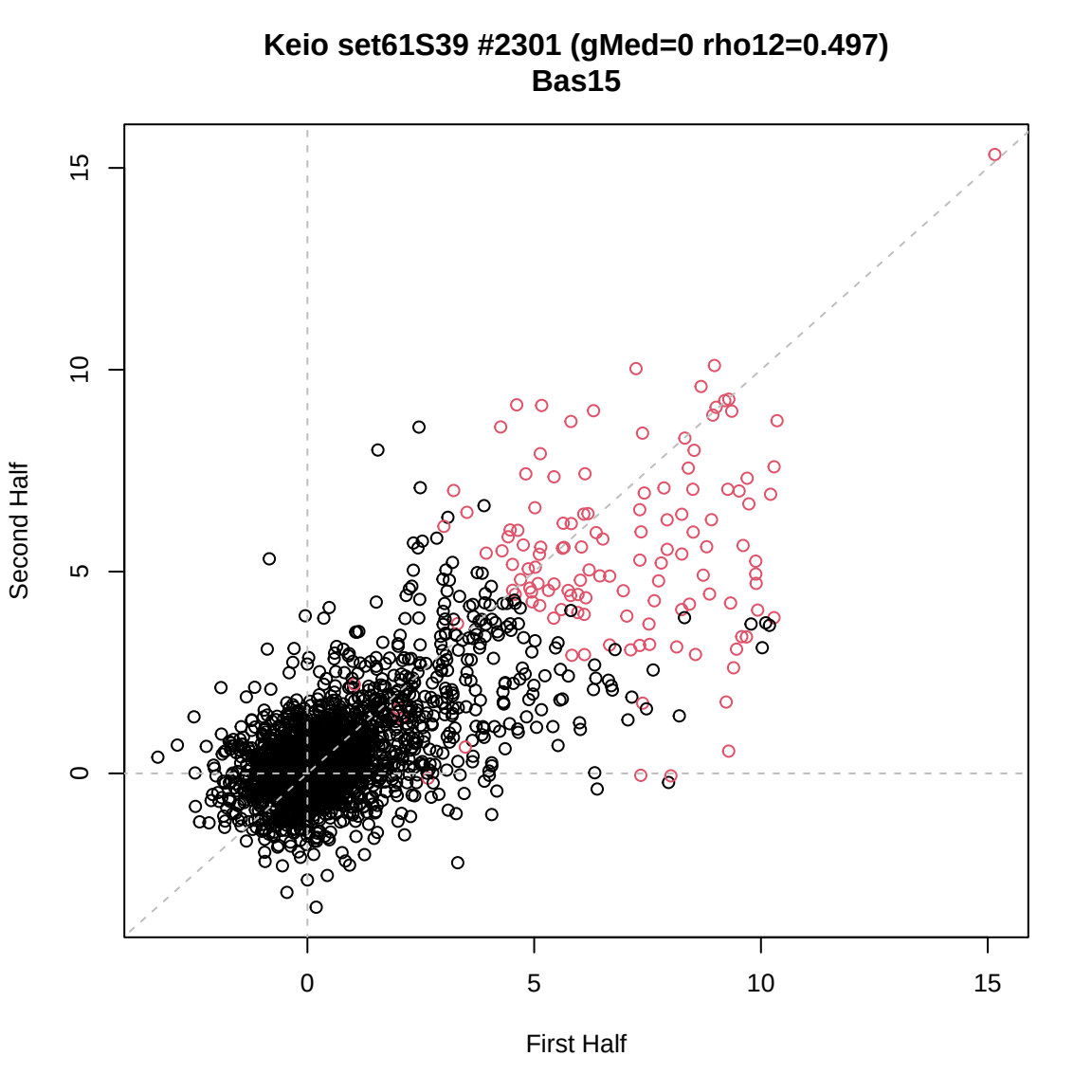

Keio set61S32 #2296 (gMed=0 rho12=0.501)
Bas37
Second Half
First Half
0
5
10
15

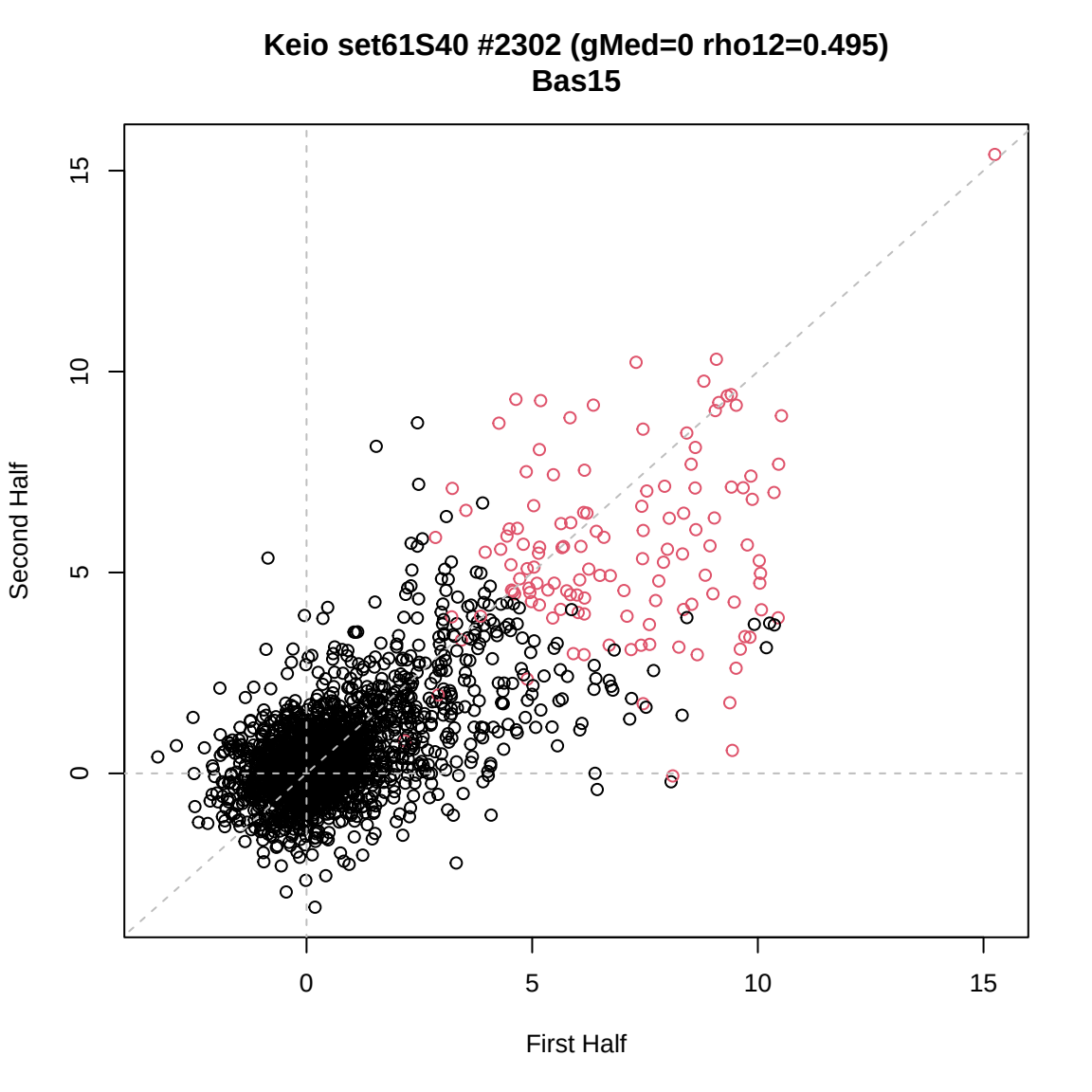

Keio set61S33 #2297 (gMed=0 rho12=0.497)
Bas54
Second Half
First Half
0
5
10
15
0
5
10
15

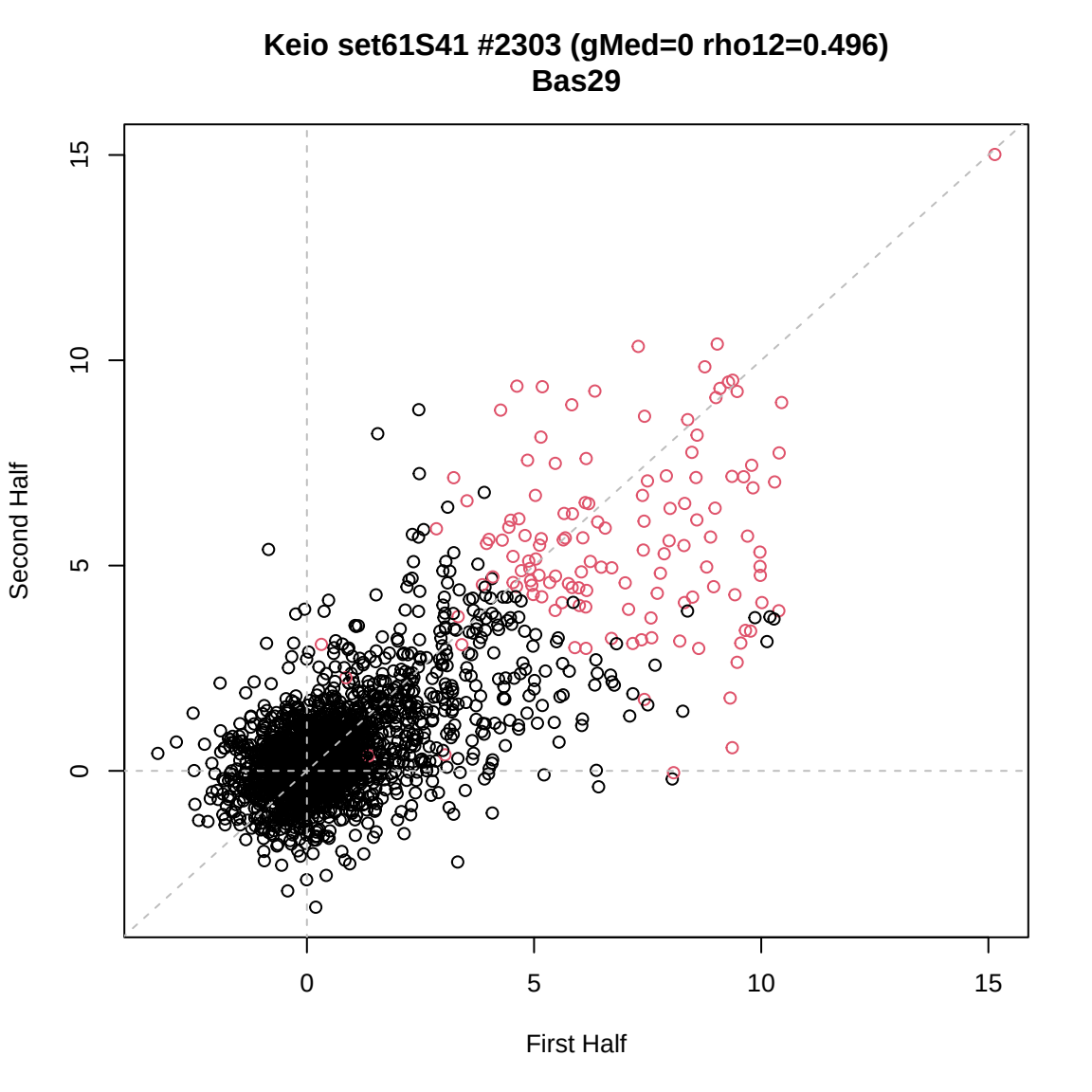

Keio set61S34 #2298 (gMed=0 rho12=0.497)
Bas54
Second Half
First Half
0
5
10
15
0
5
10
15

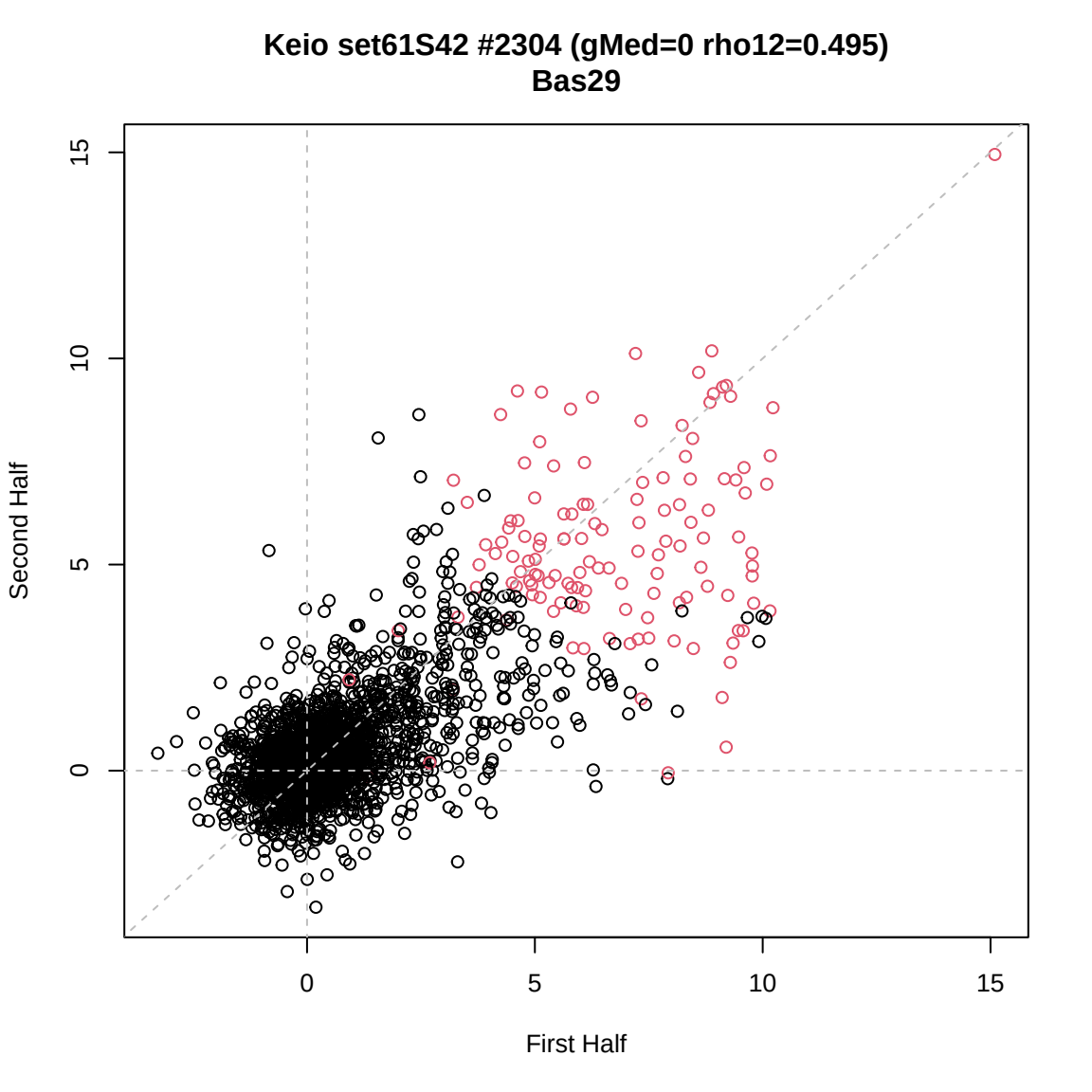

Keio set61S37 #2299 (gMed=0 rho12=0.493)
Bas06
Second Half
First Half
0
5
10
15

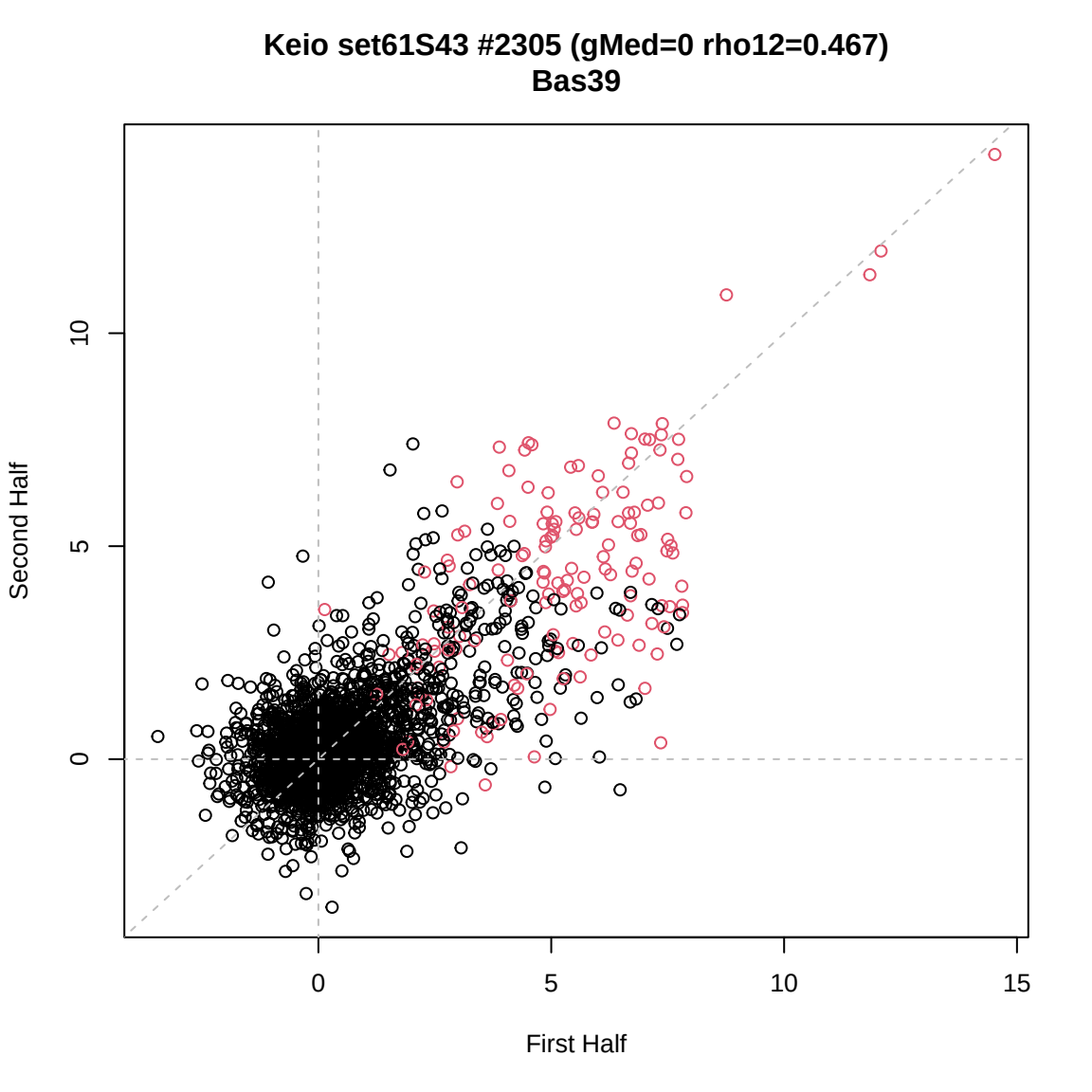

Keio set61S38 #2300 (gMed=0 rho12=0.496)
Bas06
Second Half
First Half
15
10
5
0
0
5
10
15

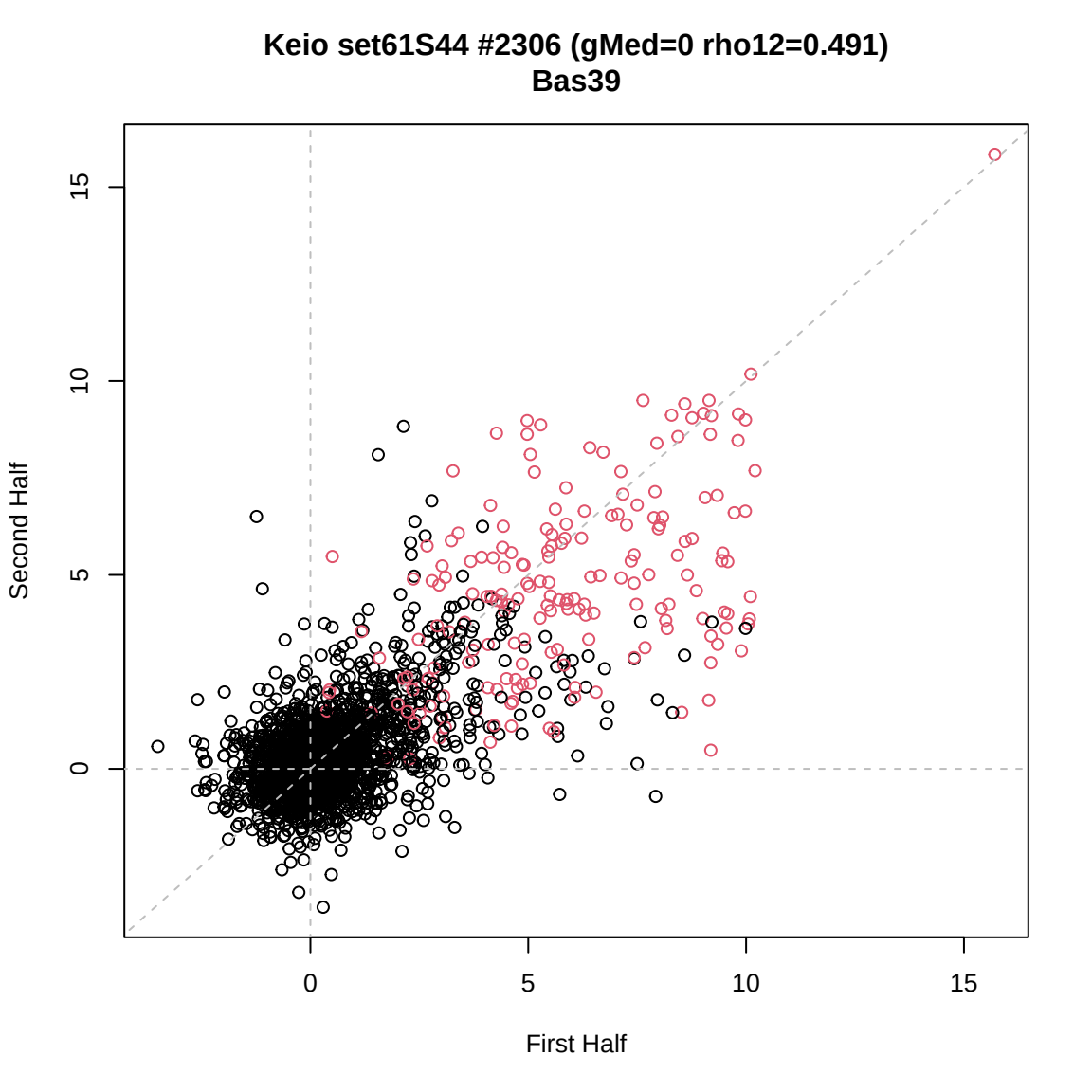

Keio set61S39 #2301 (gMed=0 rho12=0.497)
Bas15
Second Half
First Half
0
5
10
15

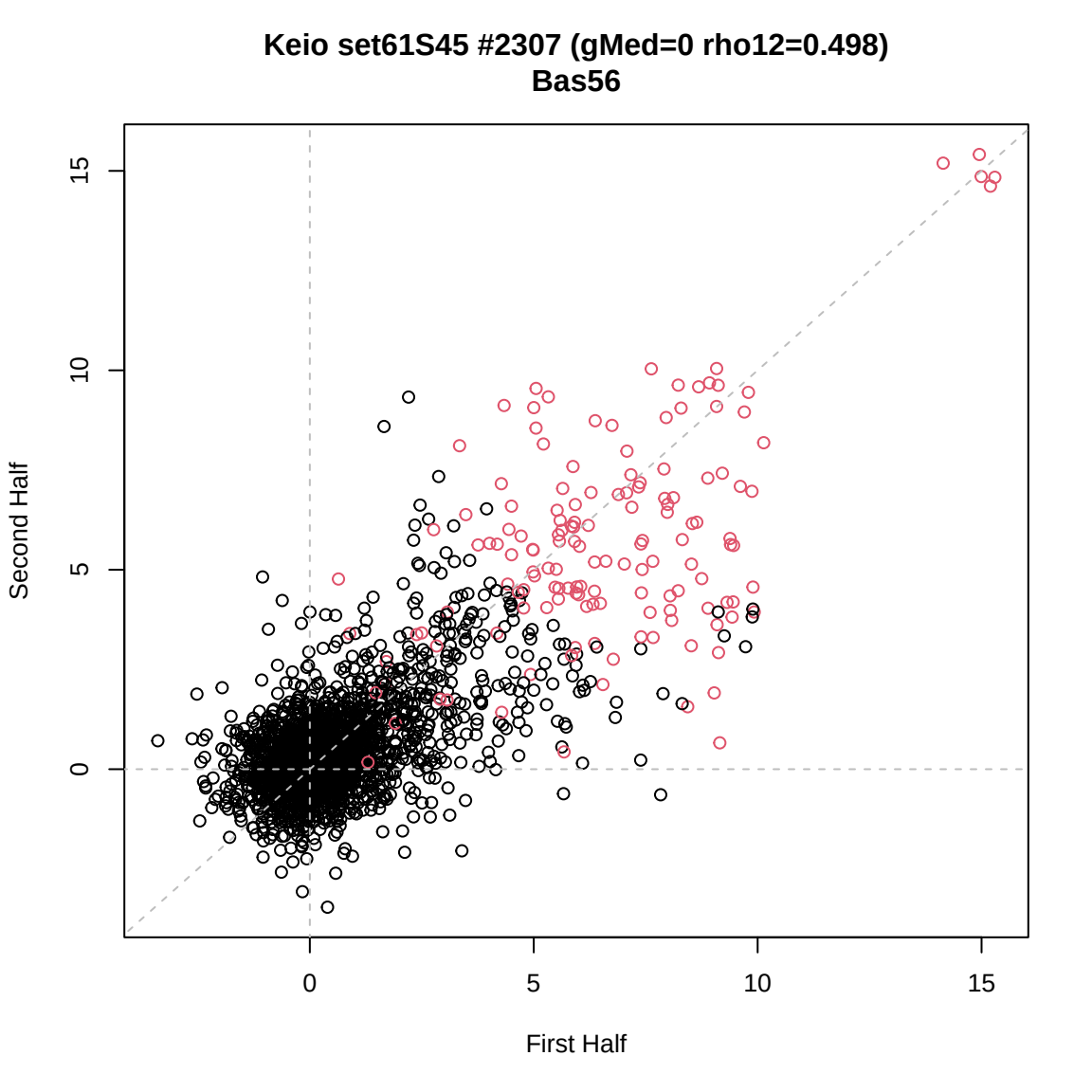

Keio set61S40 #2302 (gMed=0 rho12=0.495)
Bas15
Second Half
First Half
0
5
10
15

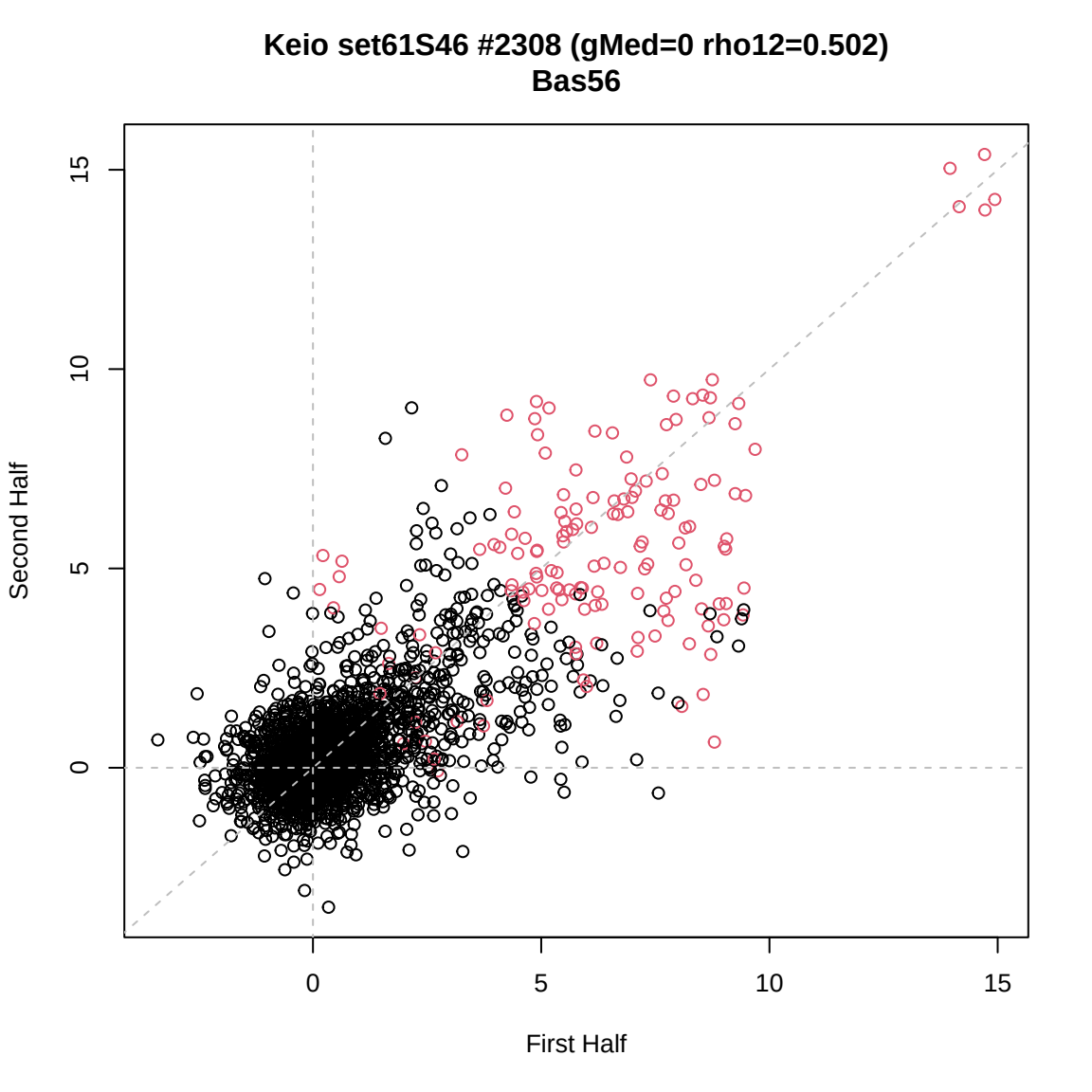

Keio set61S41 #2303 (gMed=0 rho12=0.496)
Bas29
Second Half
First Half
0
5
10
15

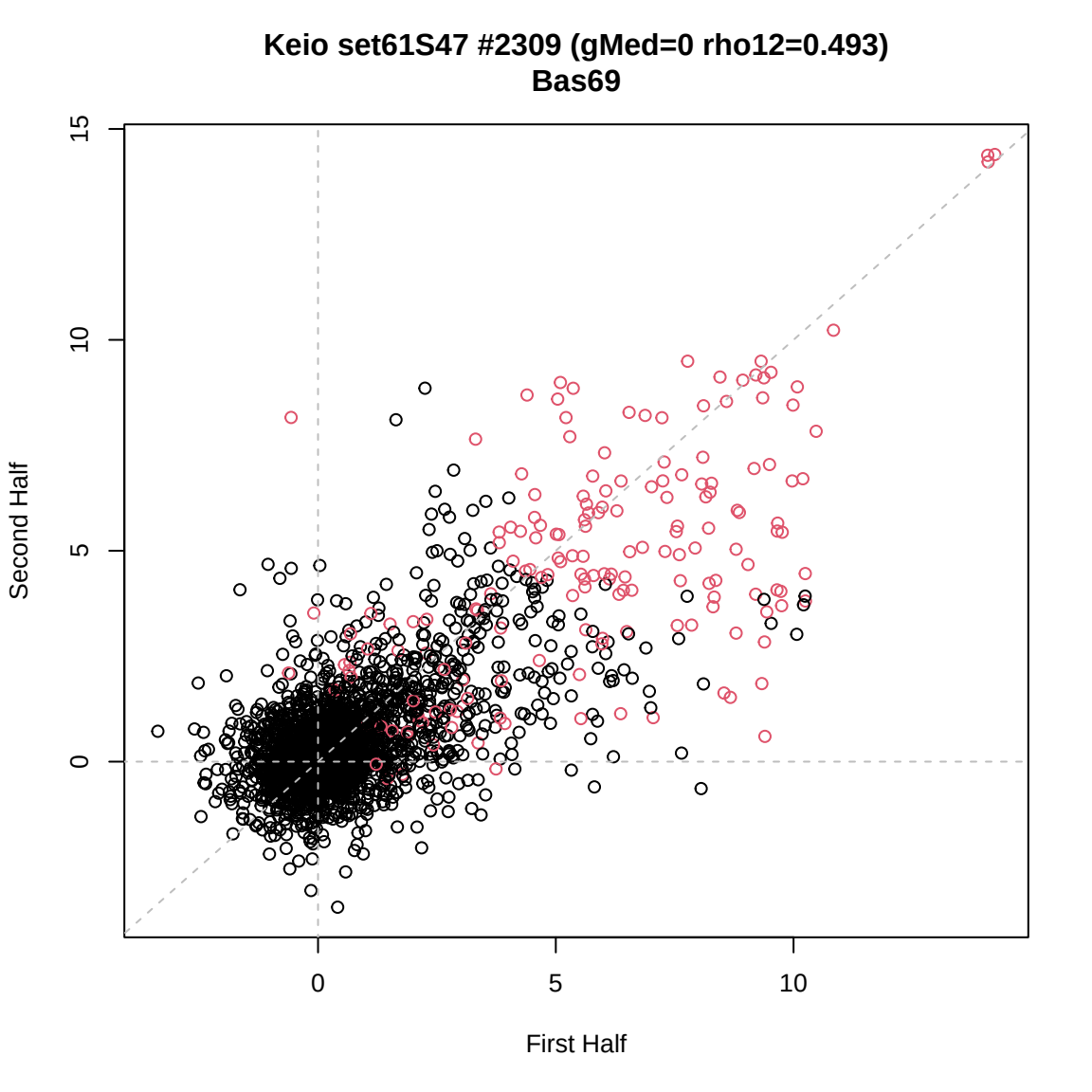

Keio set61S42 #2304 (gMed=0 rho12=0.495)
Bas29
Second Half
First Half
0
5
10
15

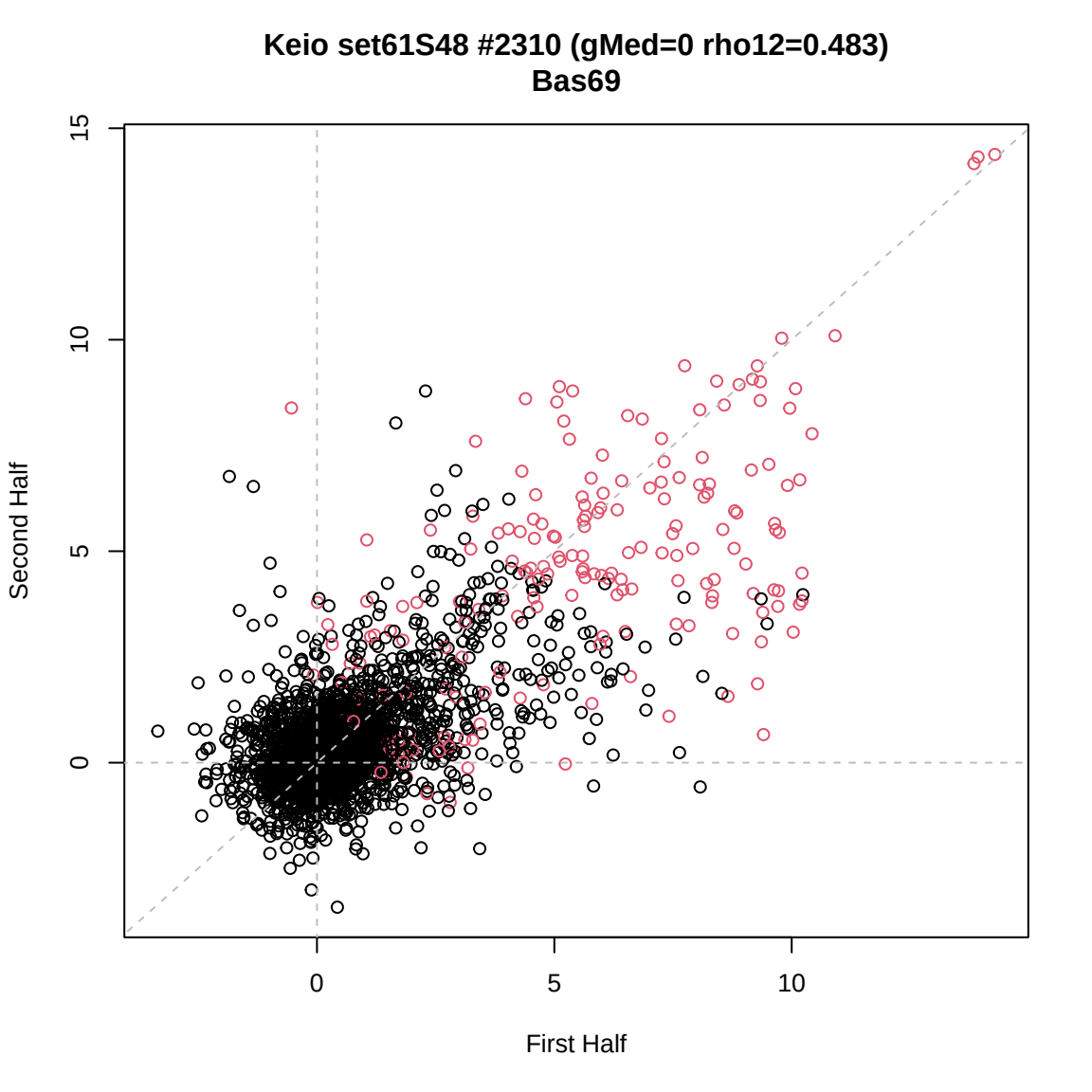

Keio set61S43 #2305 (gMed=0 rho12=0.467)
Bas39
Second Half
First Half
0
5
10
0
5
10
15

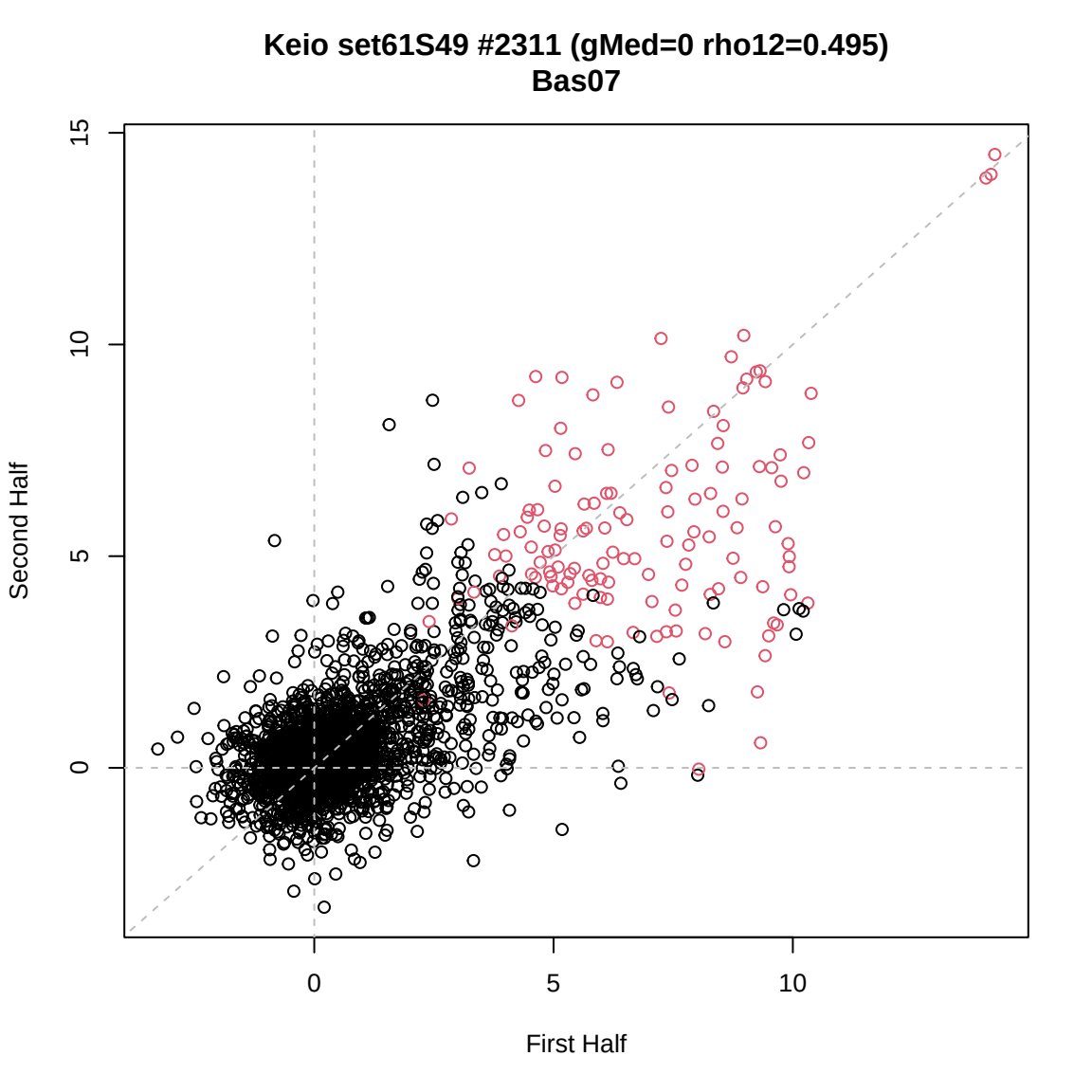

Keio set61S44 #2306 (gMed=0 rho12=0.491)
Bas39
Second Half
First Half
0
5
10
15

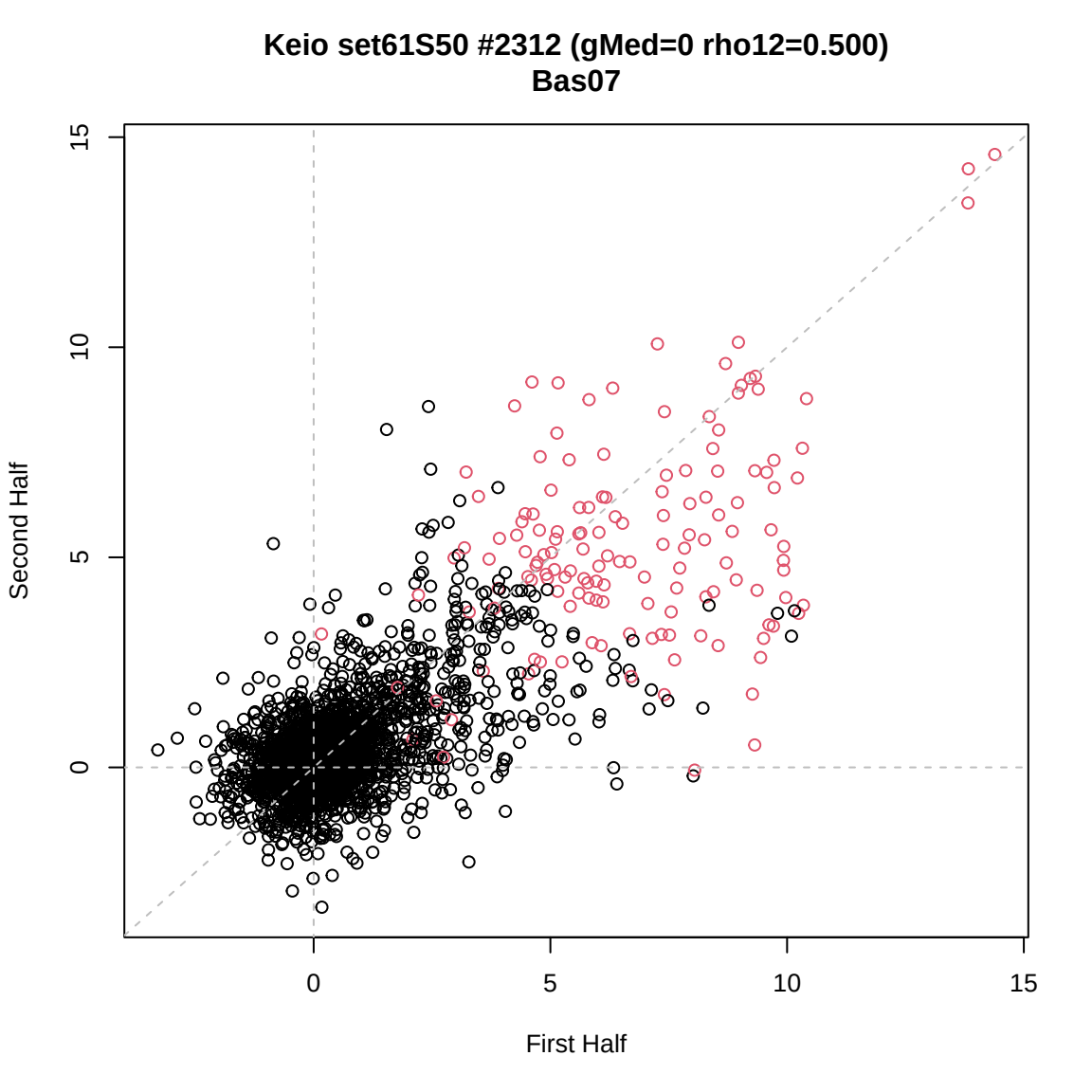

Keio set61S45 #2307 (gMed=0 rho12=0.498)
Bas56
Second Half
First Half
0
5
10
15

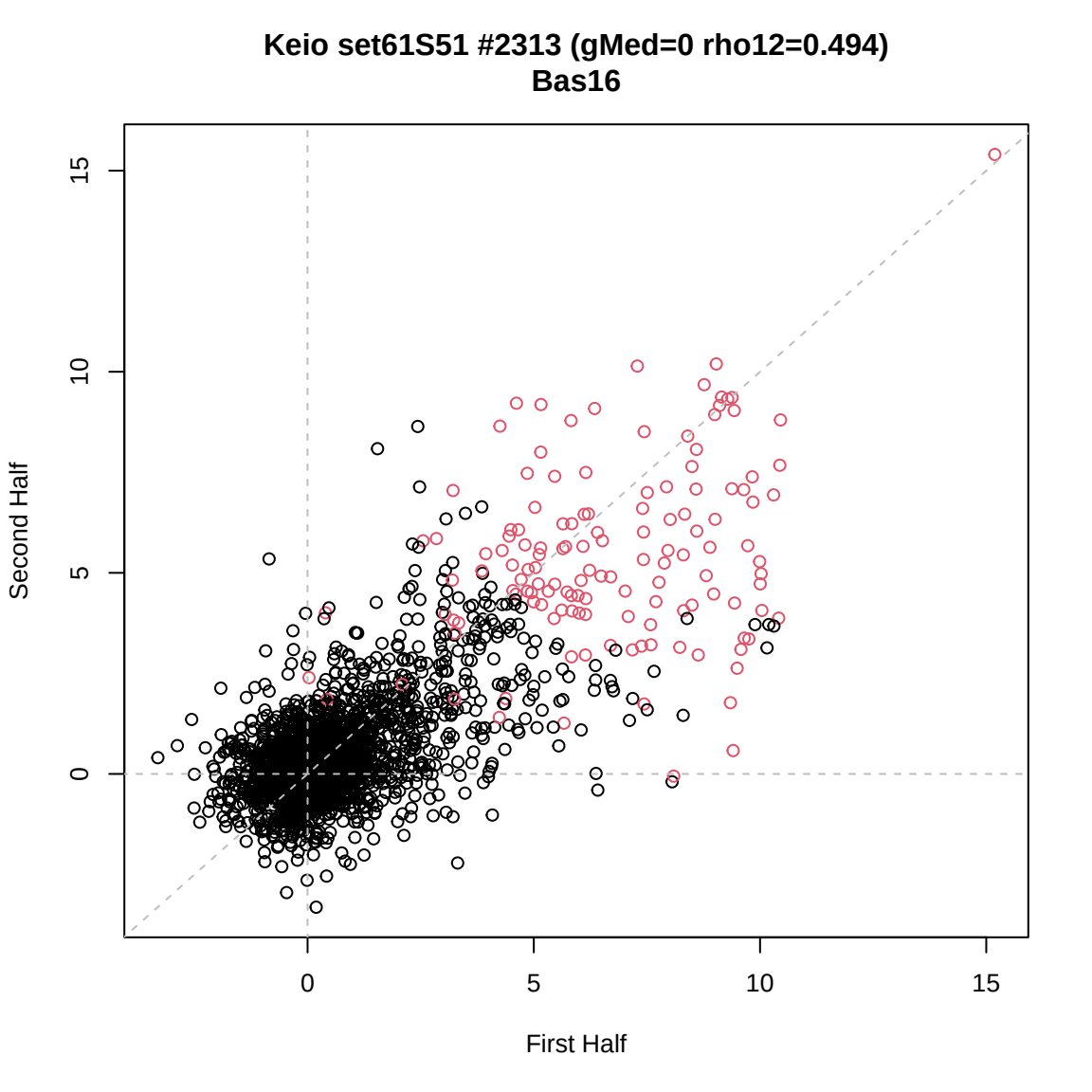

Keio set61S46 #2308 (gMed=0 rho12=0.502)
Bas56
Second Half
First Half
0
5
10
15

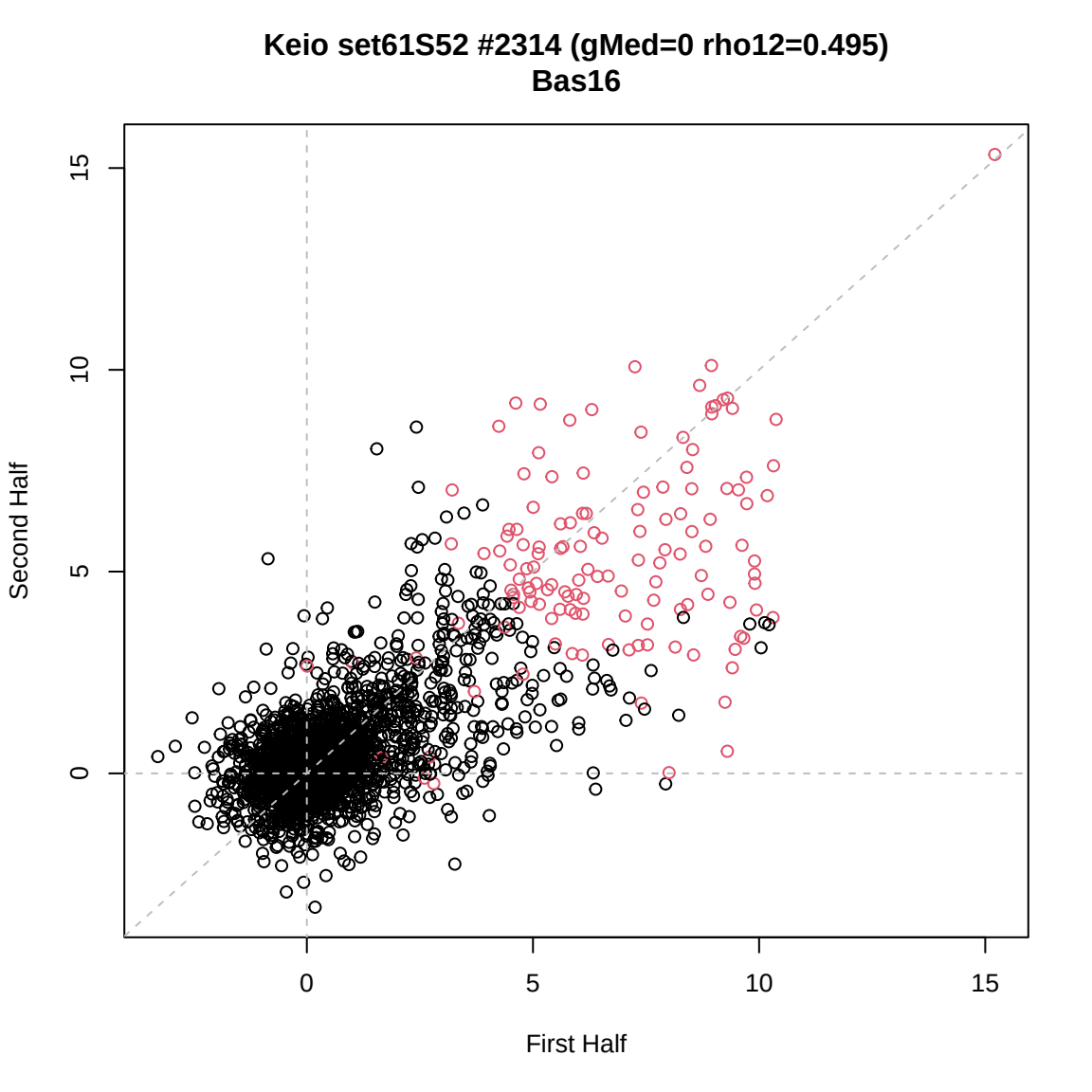

Keio set61S47 #2309 (gMed=0 rho12=0.493)
Bas69
Second Half
First Half
15
10
5
0
0
5
10

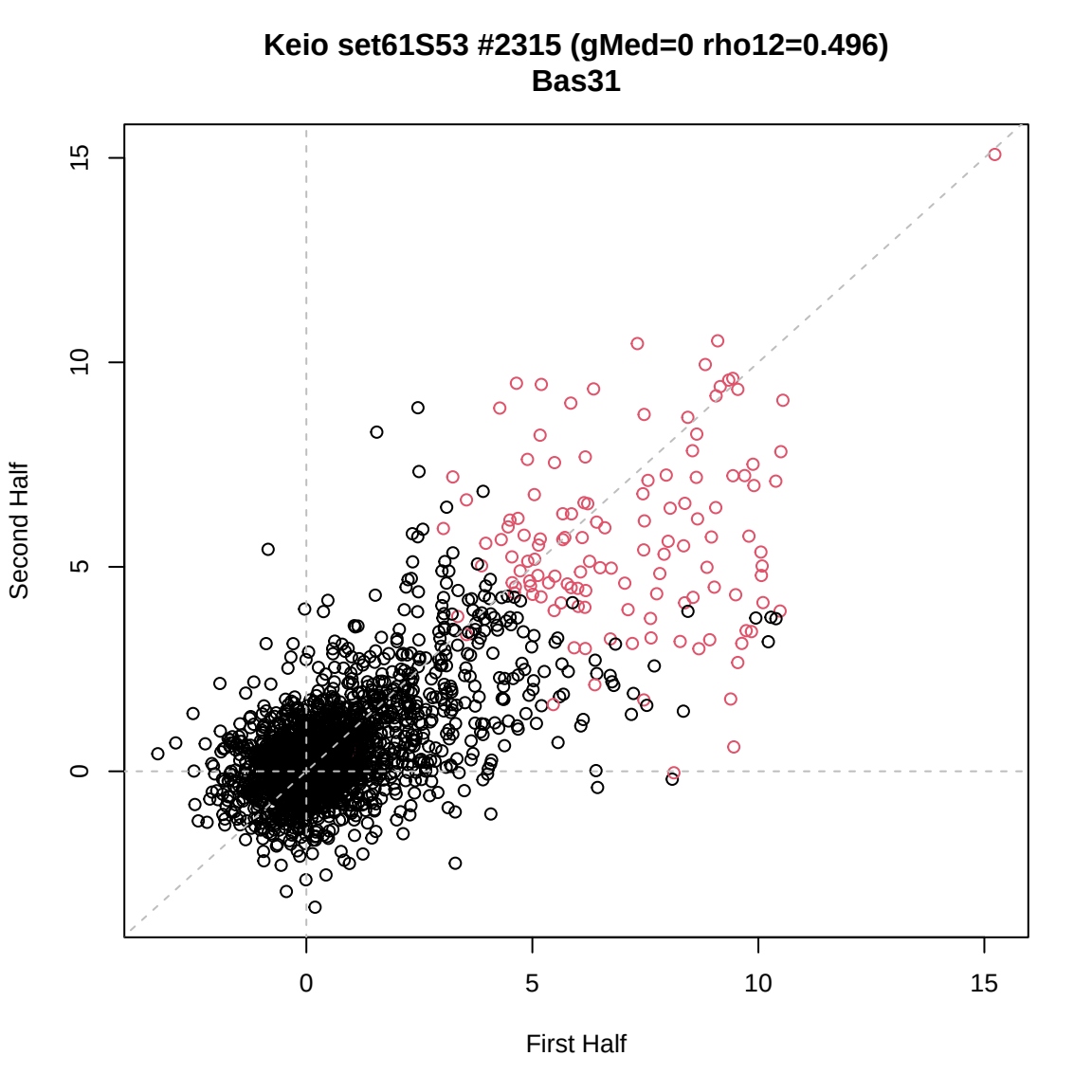

Keio set61S48 #2310 (gMed=0 rho12=0.483)
Bas69
Second Half
First Half
15
10
5
0
0
5
10

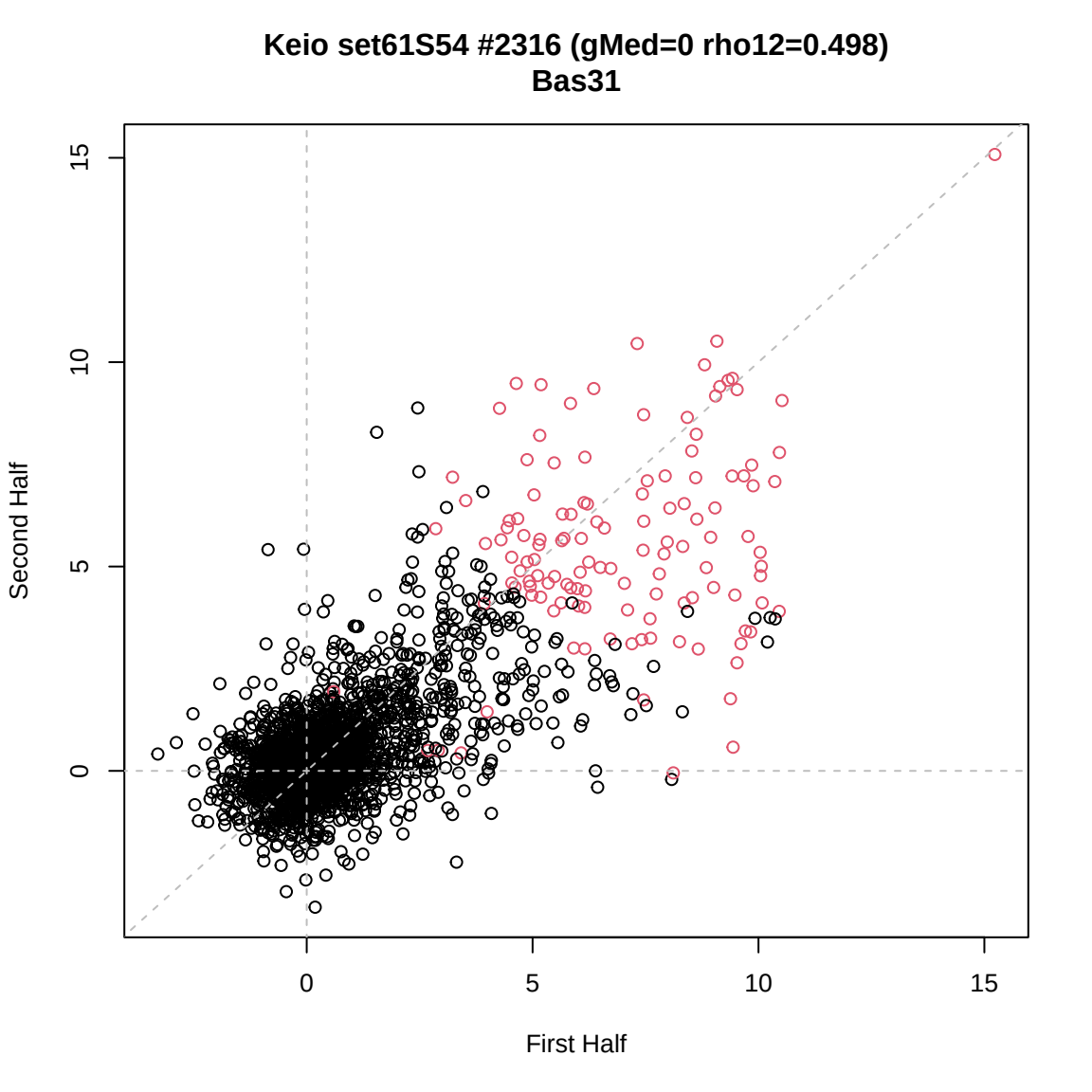

Keio set61S49 #2311 (gMed=0 rho12=0.495)
Bas07
Second Half
First Half
15
10
5
0
0
5
10

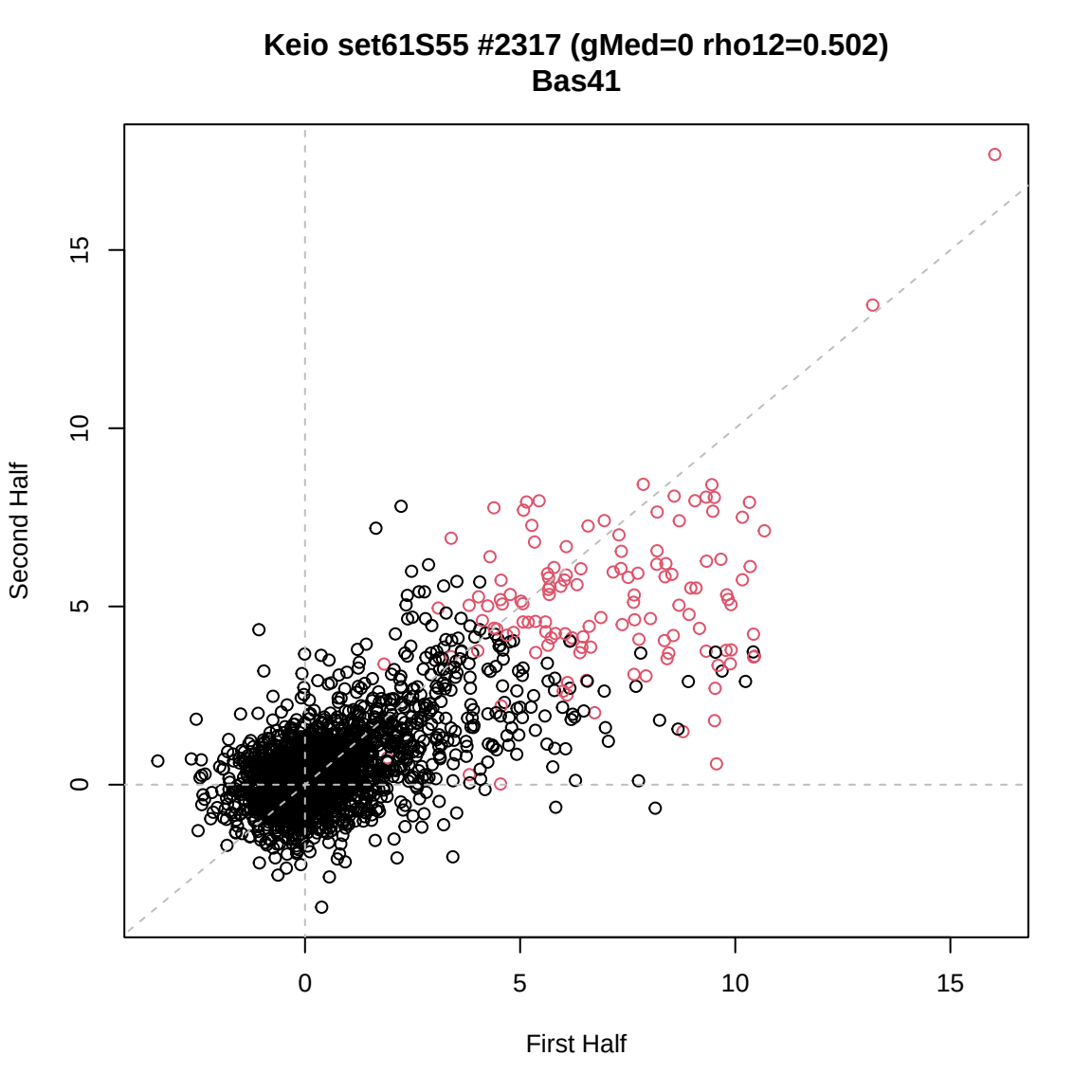

Keio set61S50 #2312 (gMed=0 rho12=0.500)
Bas07
Second Half
First Half
0
5
10
15

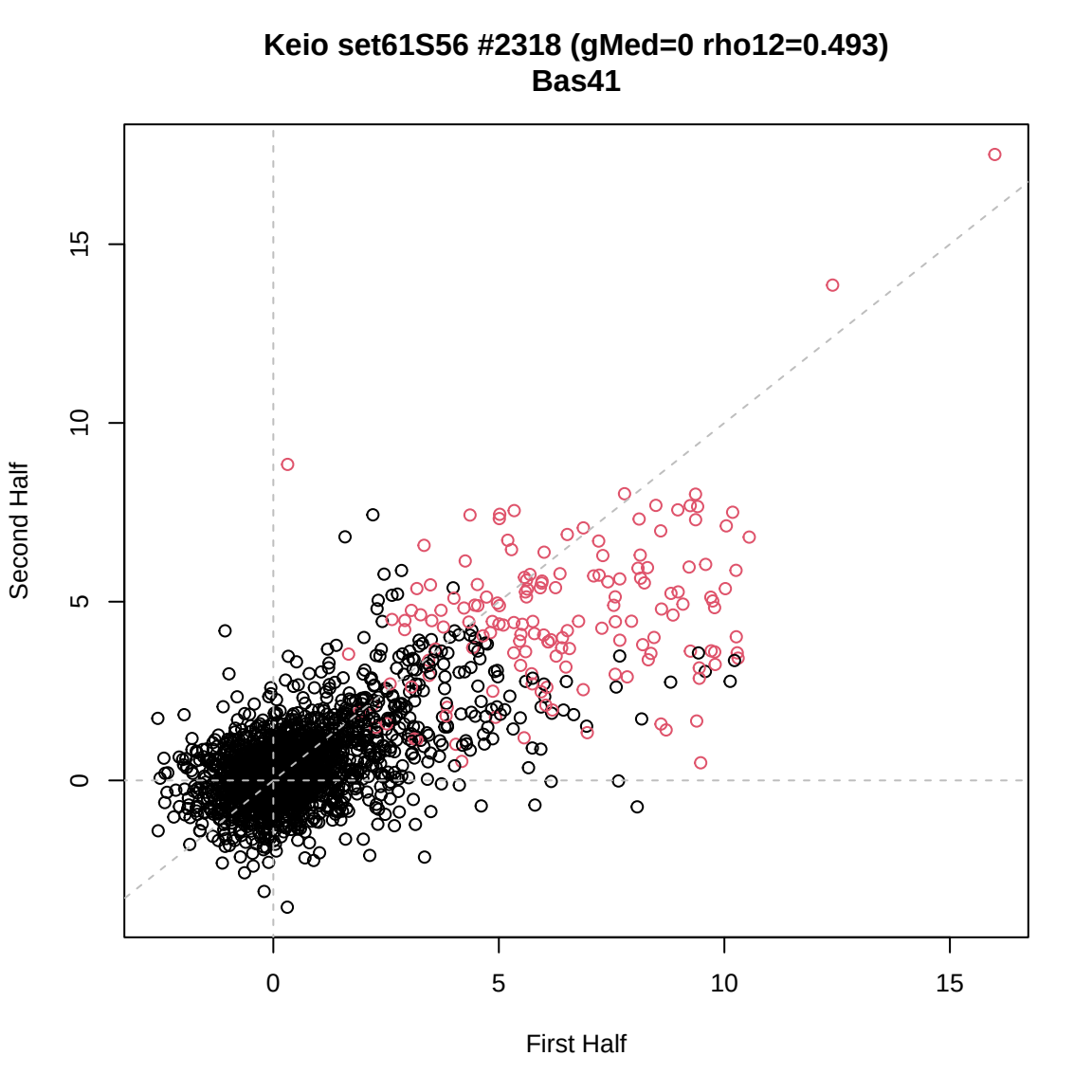

Keio set61S51 #2313 (gMed=0 rho12=0.494)
Bas16
Second Half
First Half
0
5
10
15

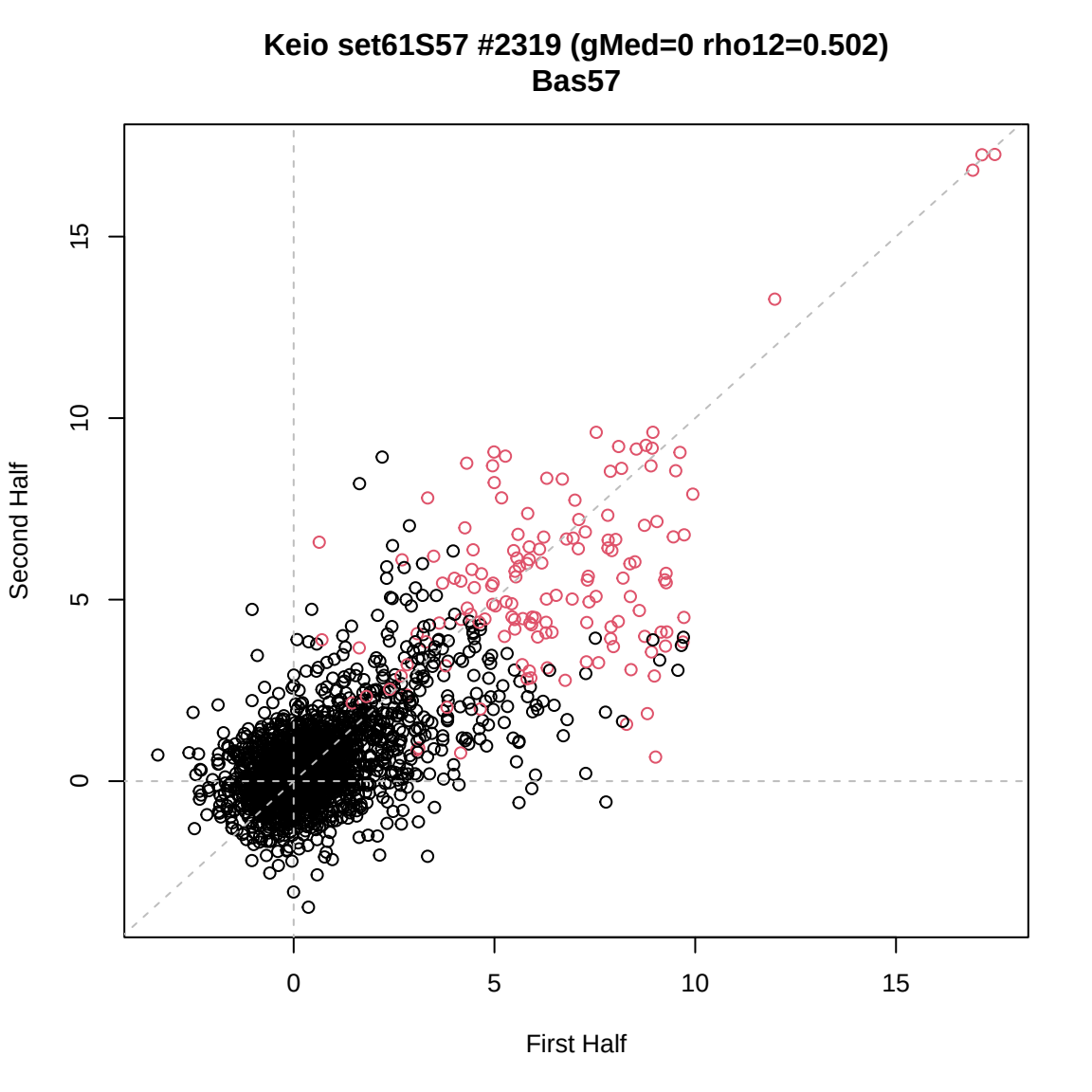

Keio set61S52 #2314 (gMed=0 rho12=0.495)
Bas16
Second Half
First Half
0
5
10
15

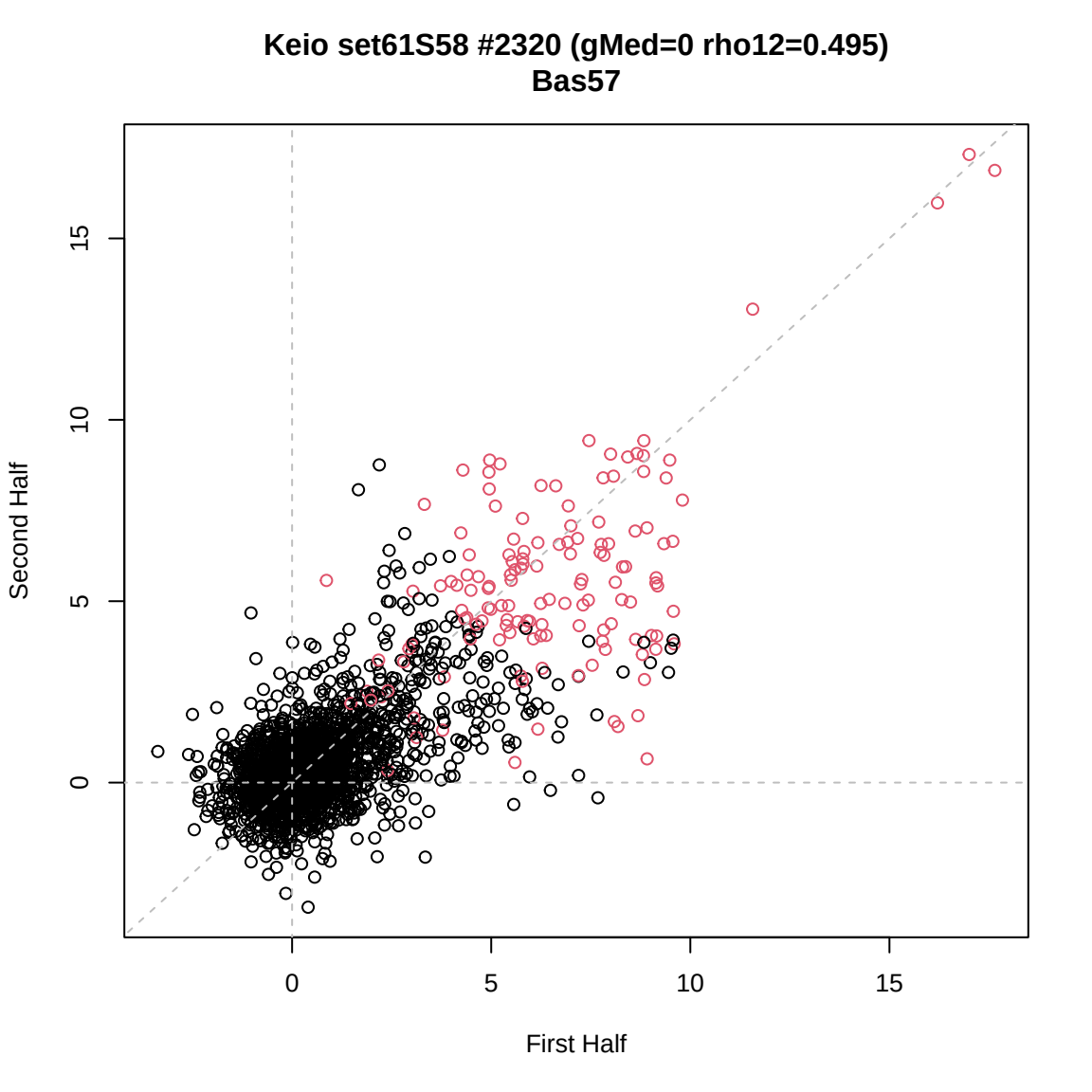

Keio set61S53 #2315 (gMed=0 rho12=0.496)
Bas31
Second Half
First Half
0
5
10
15

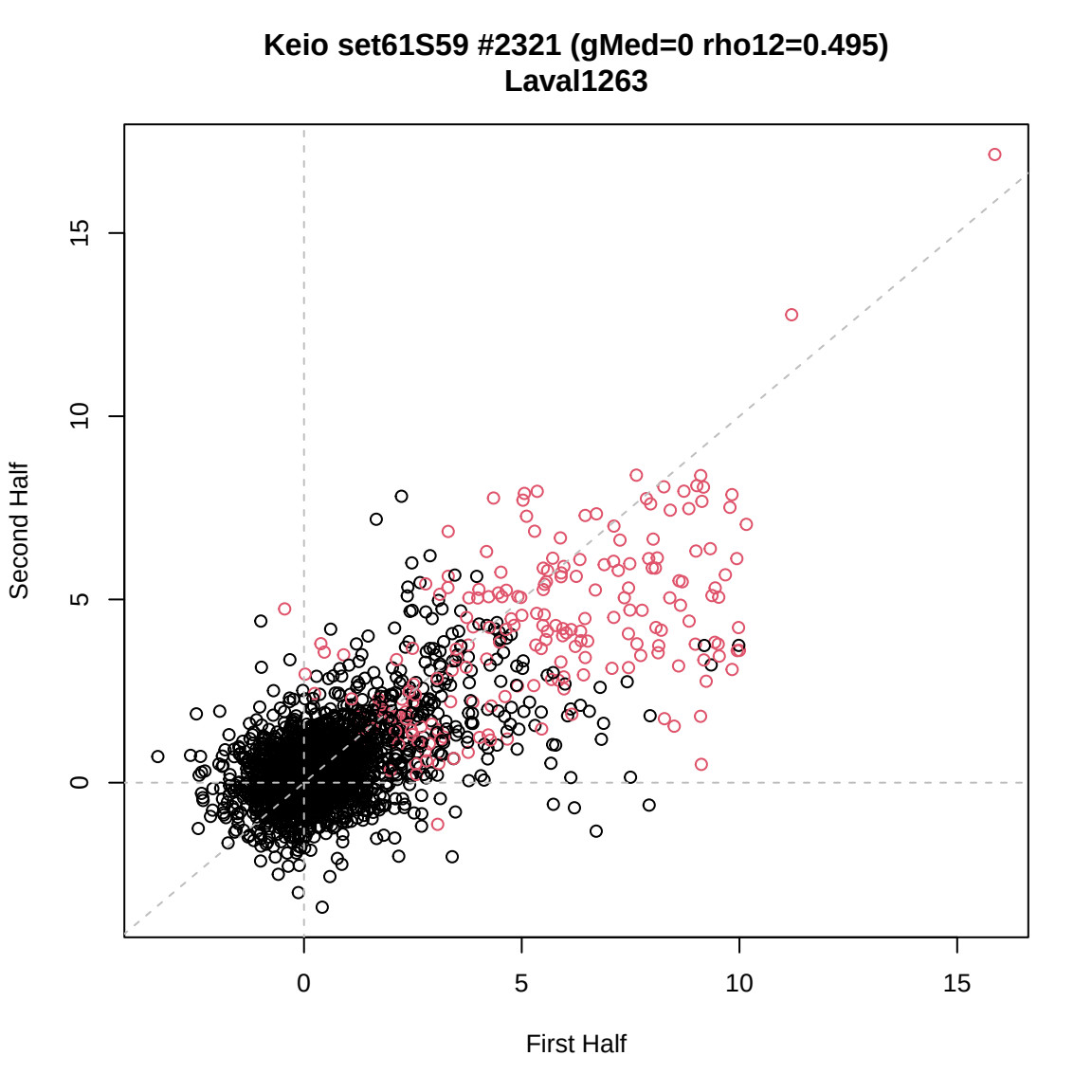

Keio set61S54 #2316 (gMed=0 rho12=0.498)
Bas31
Second Half
First Half
0
5
10
15

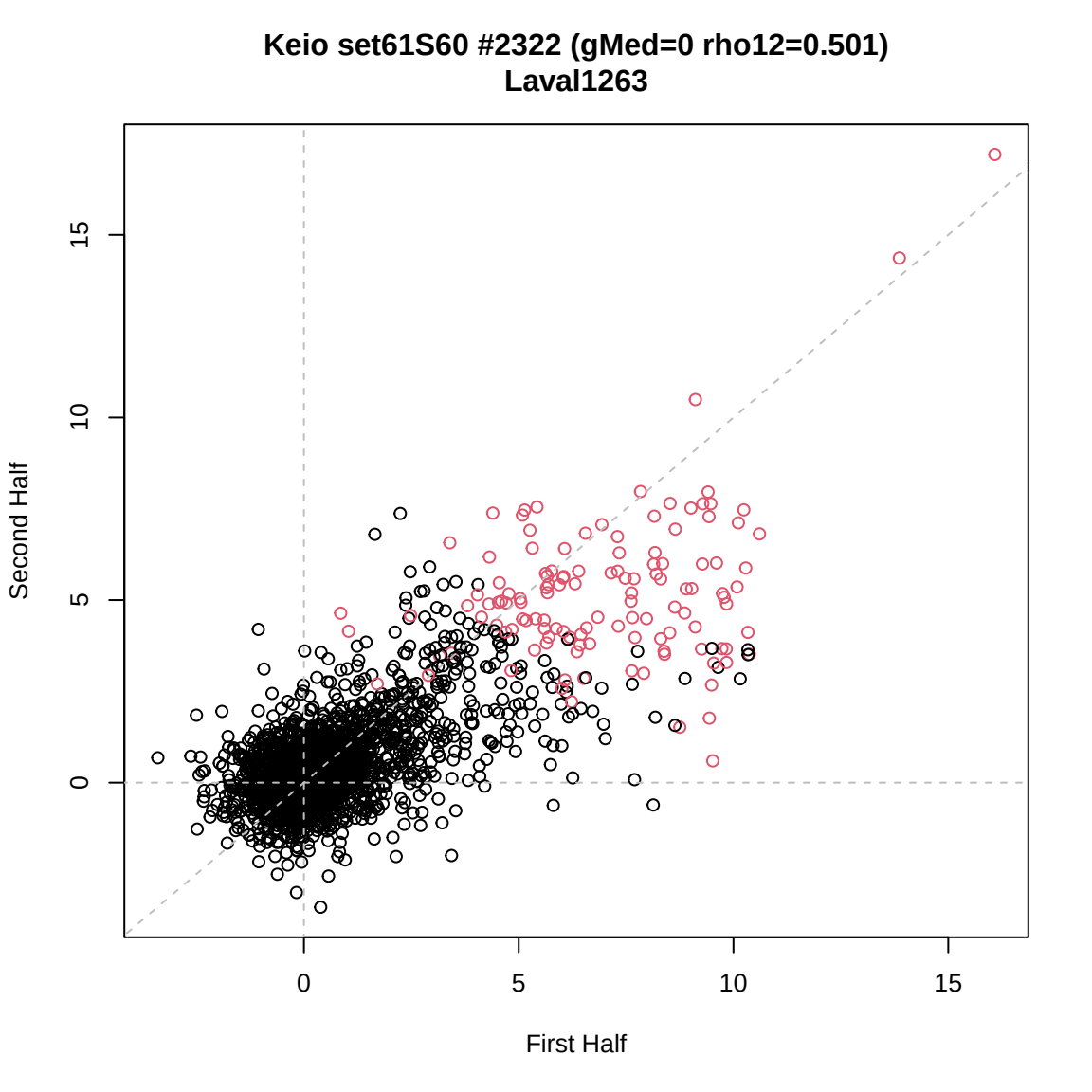

Keio set61S55 #2317 (gMed=0 rho12=0.502)
Bas41
Second Half
First Half
0
5
10
15

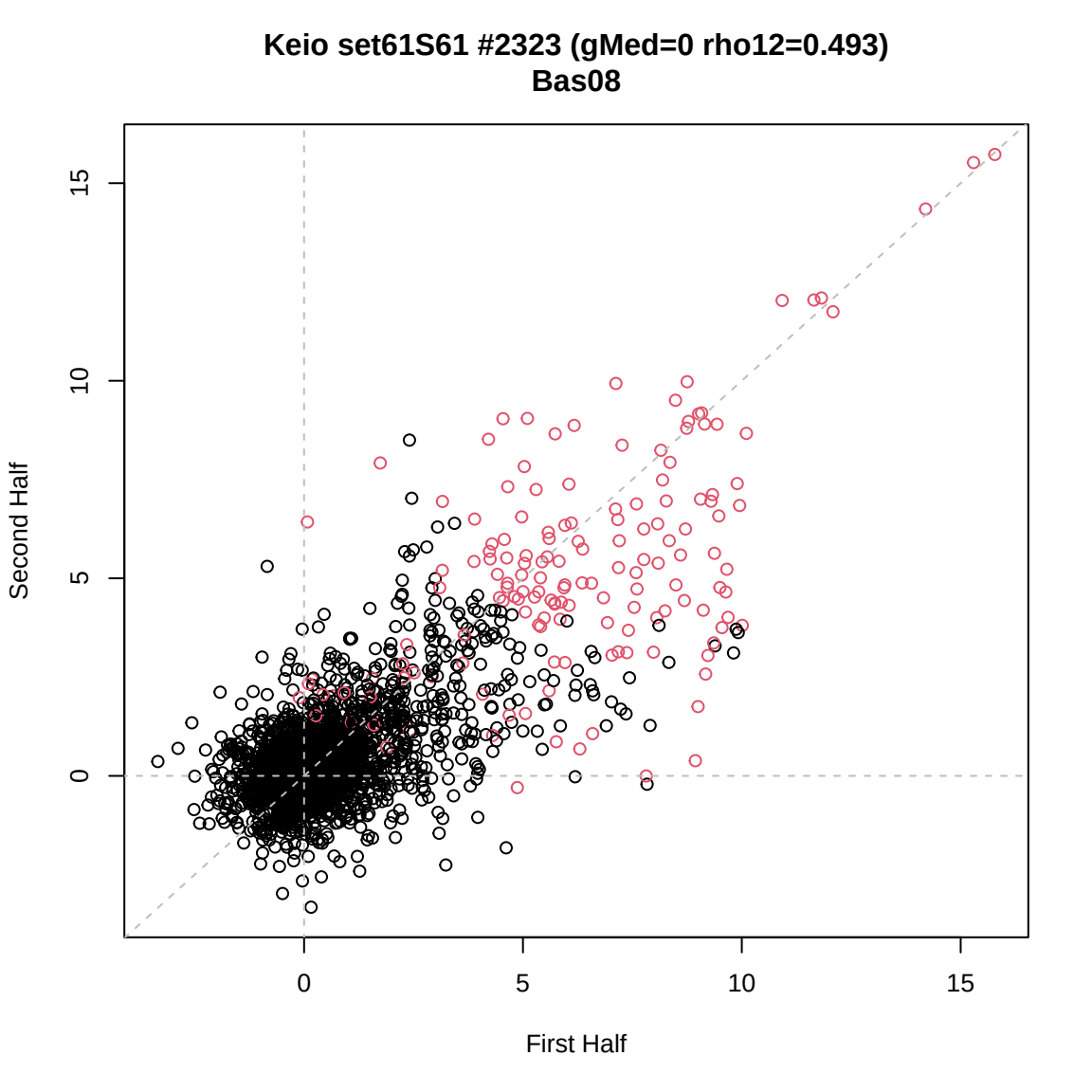

Keio set61S56 #2318 (gMed=0 rho12=0.493)
Bas41
Second Half
First Half
0
5
10
15
0
5
10
15

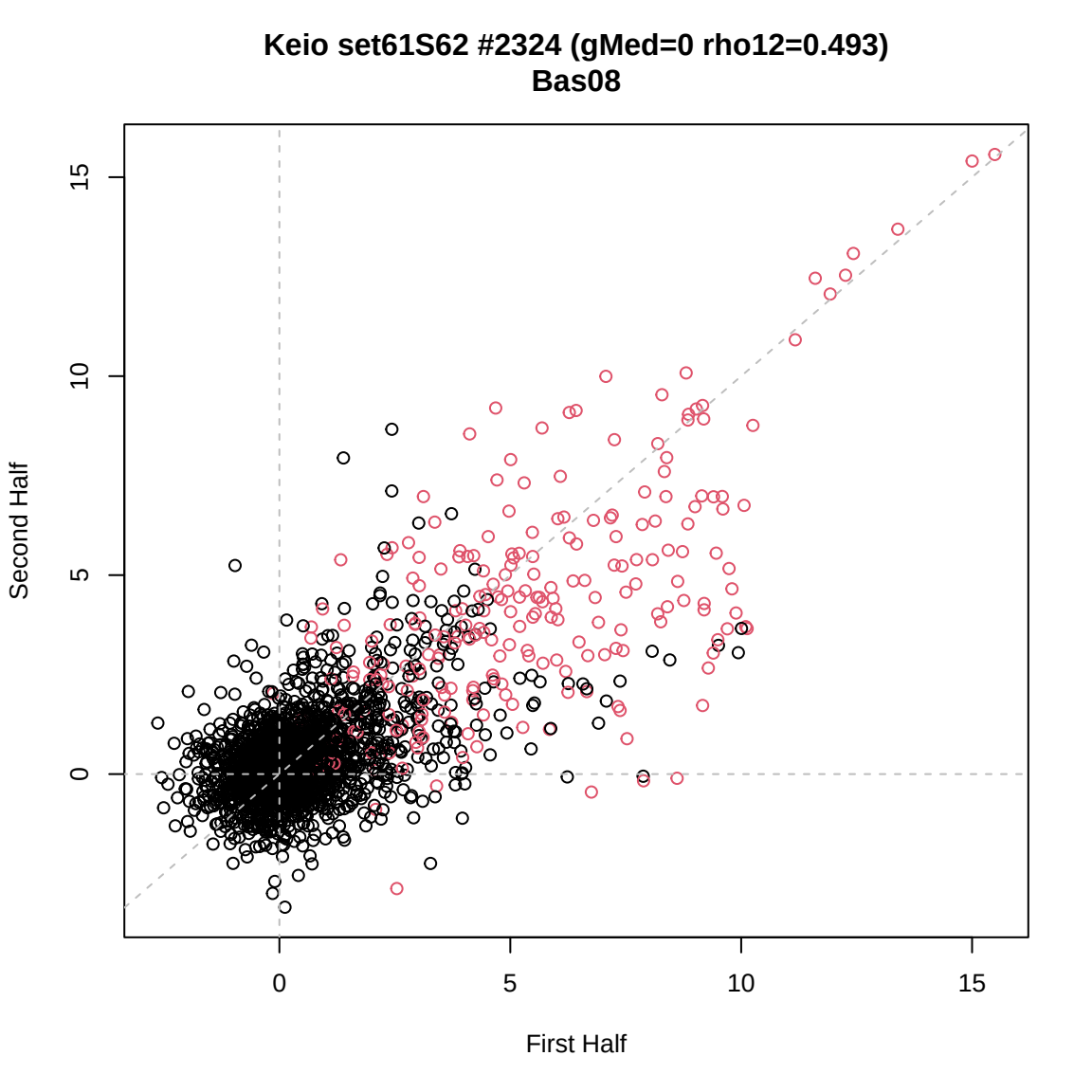

Keio set61S57 #2319 (gMed=0 rho12=0.502)
Bas57
Second Half
First Half
0
5
10
15
0
5
10
15

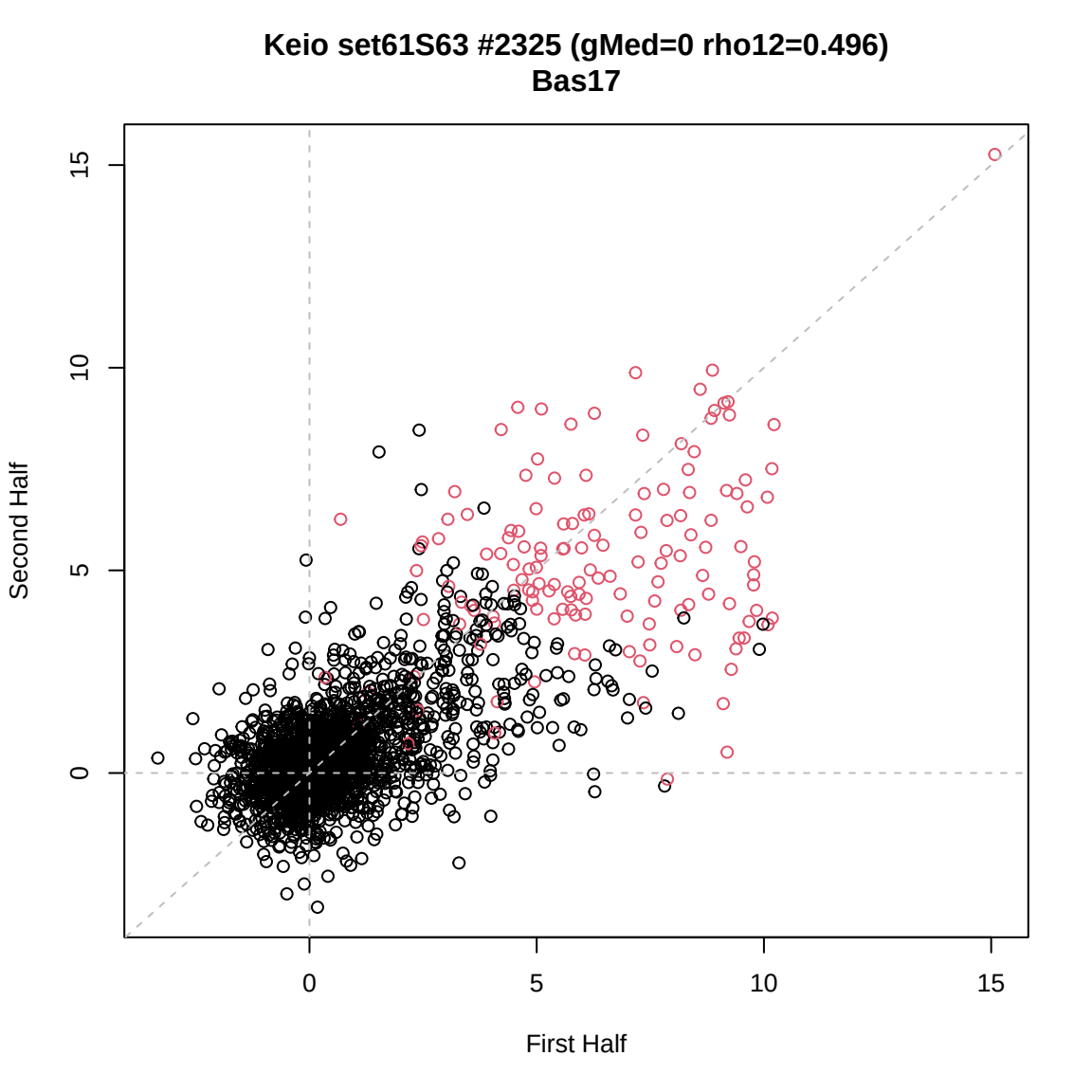

Keio set61S58 #2320 (gMed=0 rho12=0.495)
Bas57
Second Half
First Half
0
5
10
15
0
5
10
15

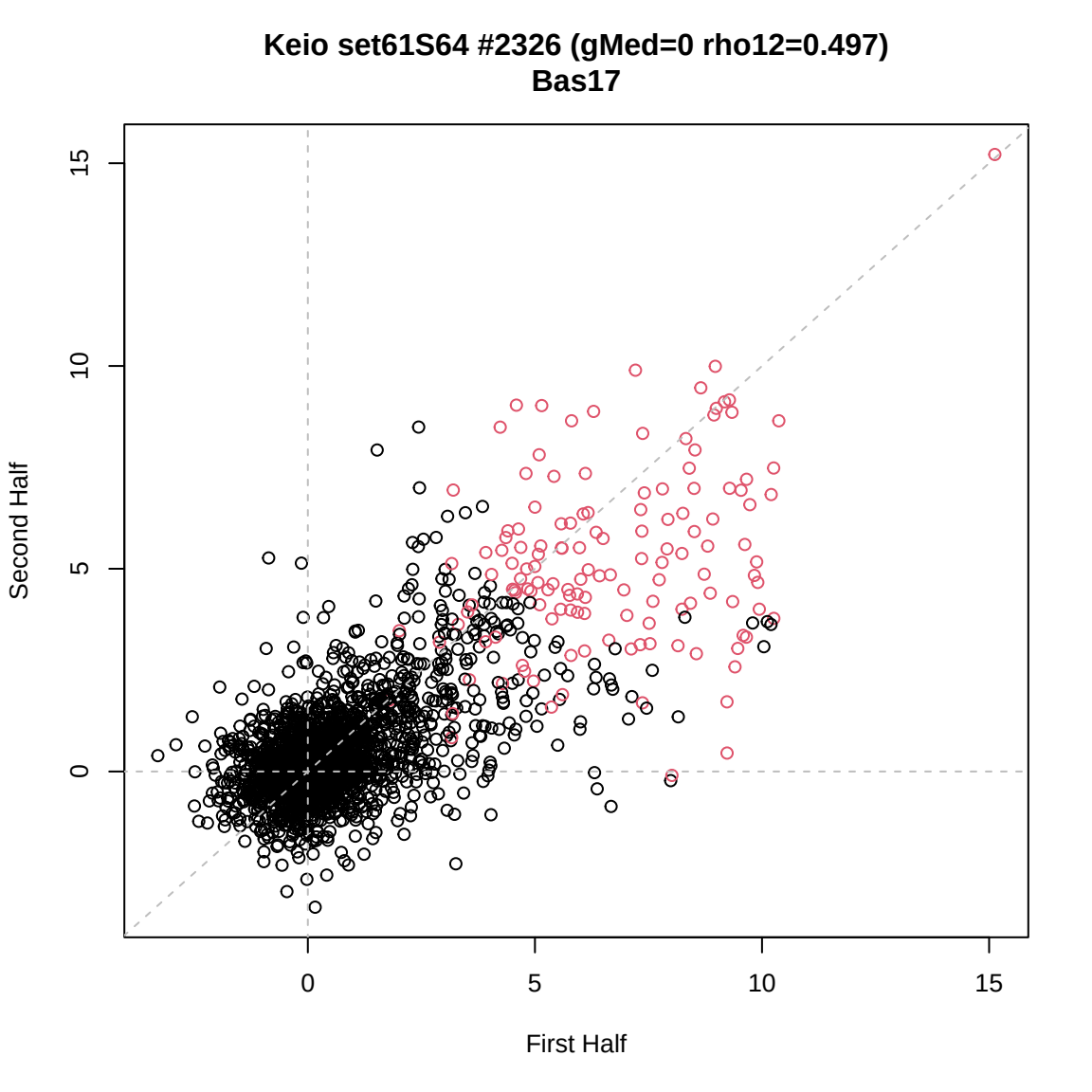

Keio set61S59 #2321 (gMed=0 rho12=0.495)
Laval1263
Second Half
First Half
0
5
10
15
0
5
10
15

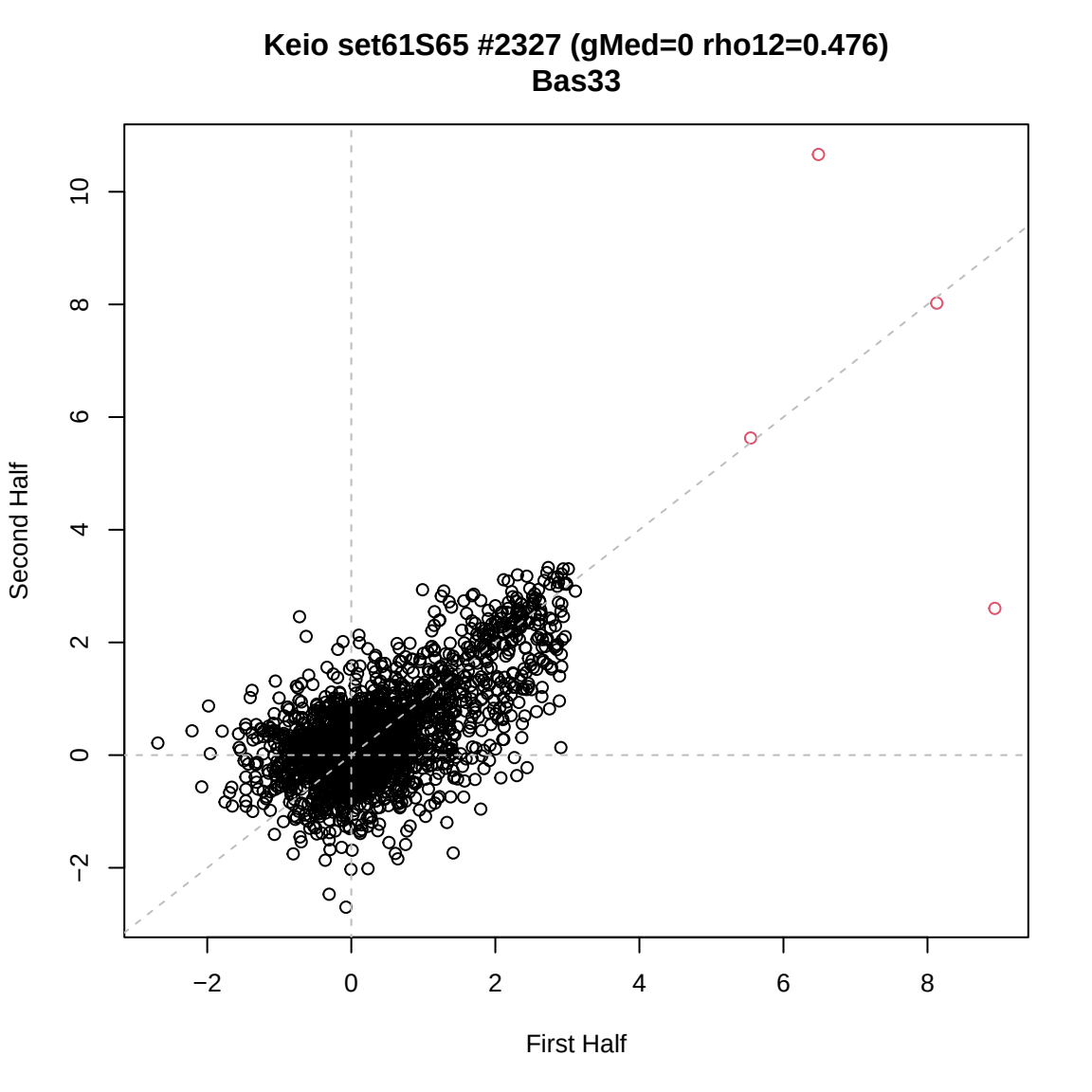

Keio set61S60 #2322 (gMed=0 rho12=0.501)
Laval1263
Second Half
First Half
0
5
10
15

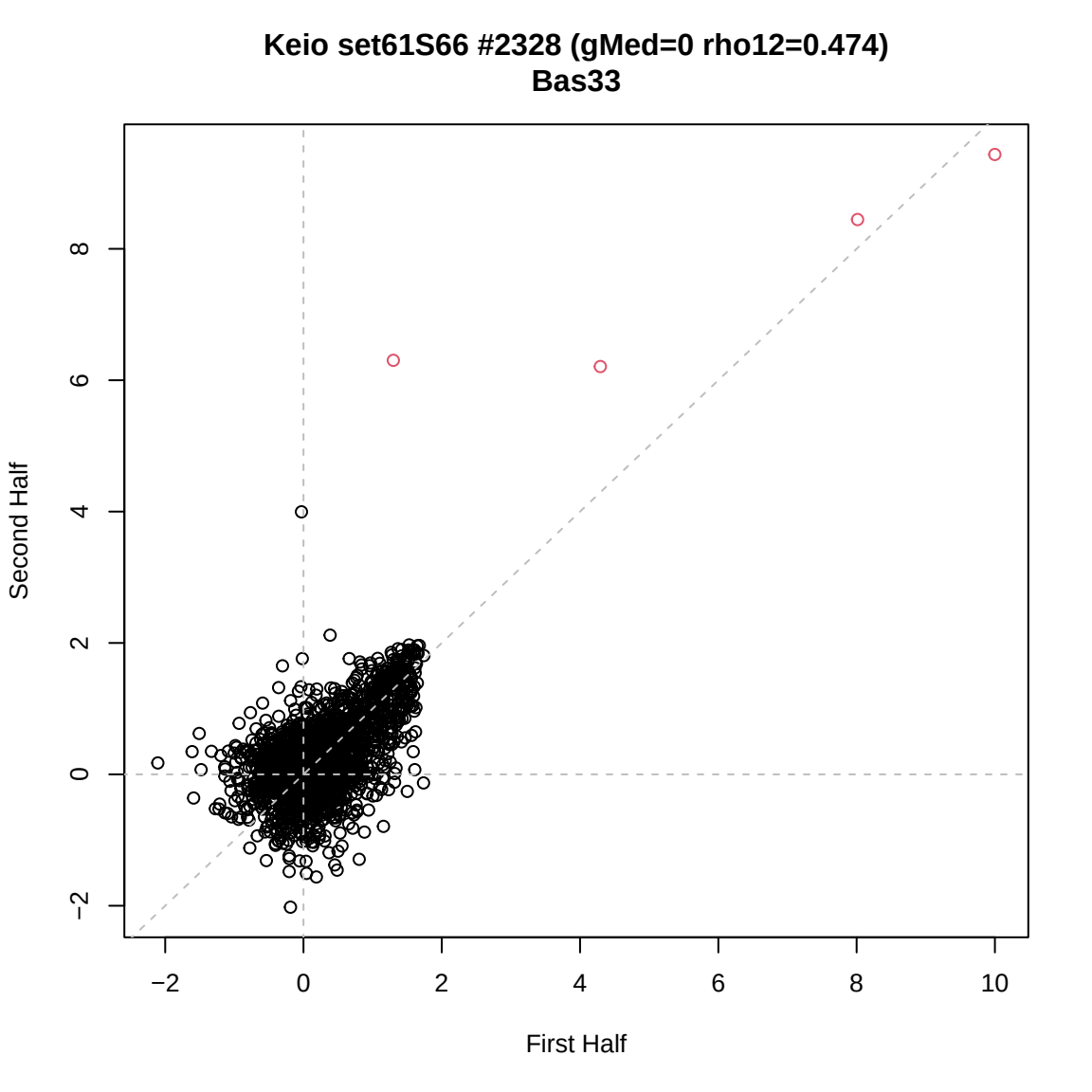

Keio set61S61 #2323 (gMed=0 rho12=0.493)
Bas08
Second Half
First Half
0
5
10
15

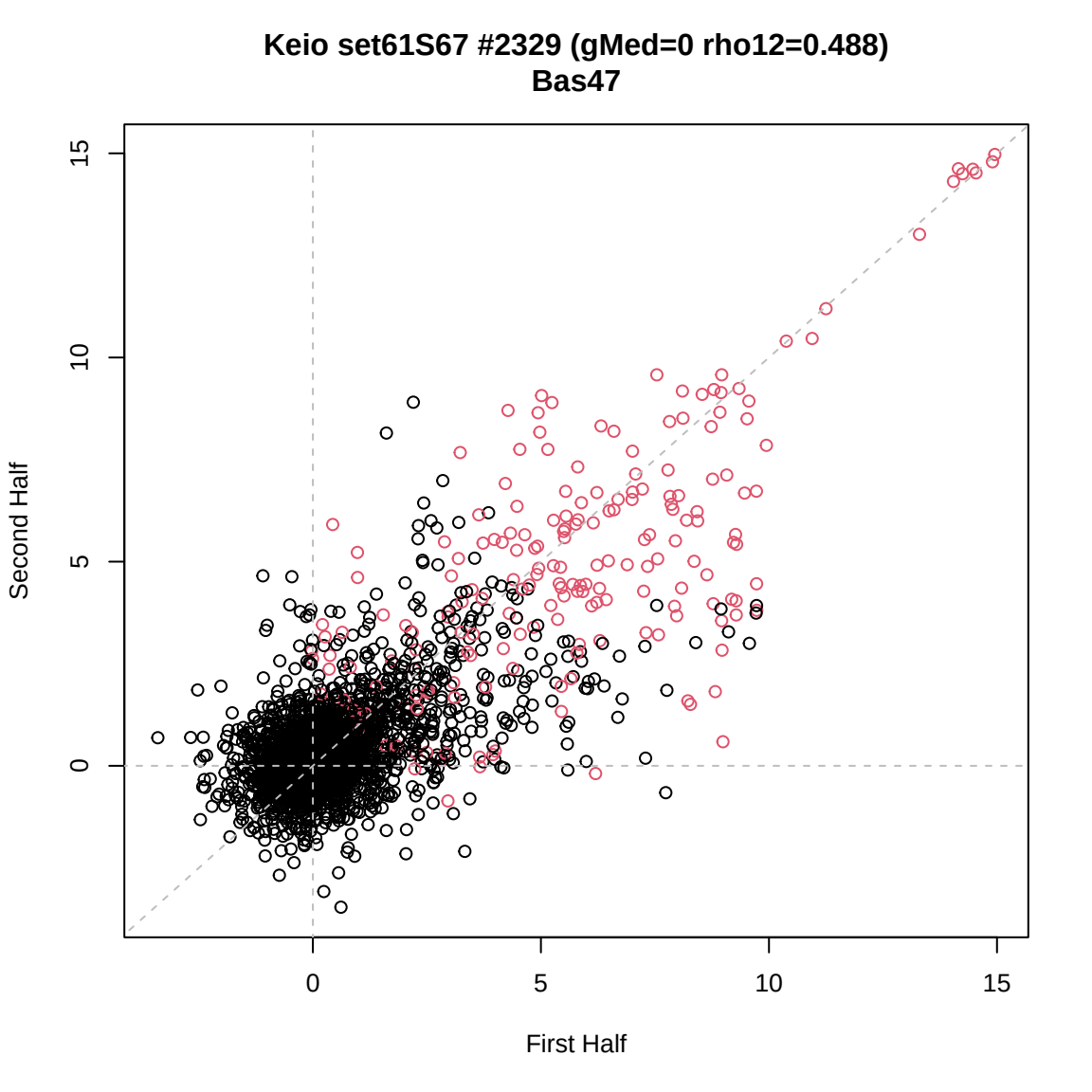

Keio set61S62 #2324 (gMed=0 rho12=0.493)
Bas08
Second Half
First Half
0
5
10
15

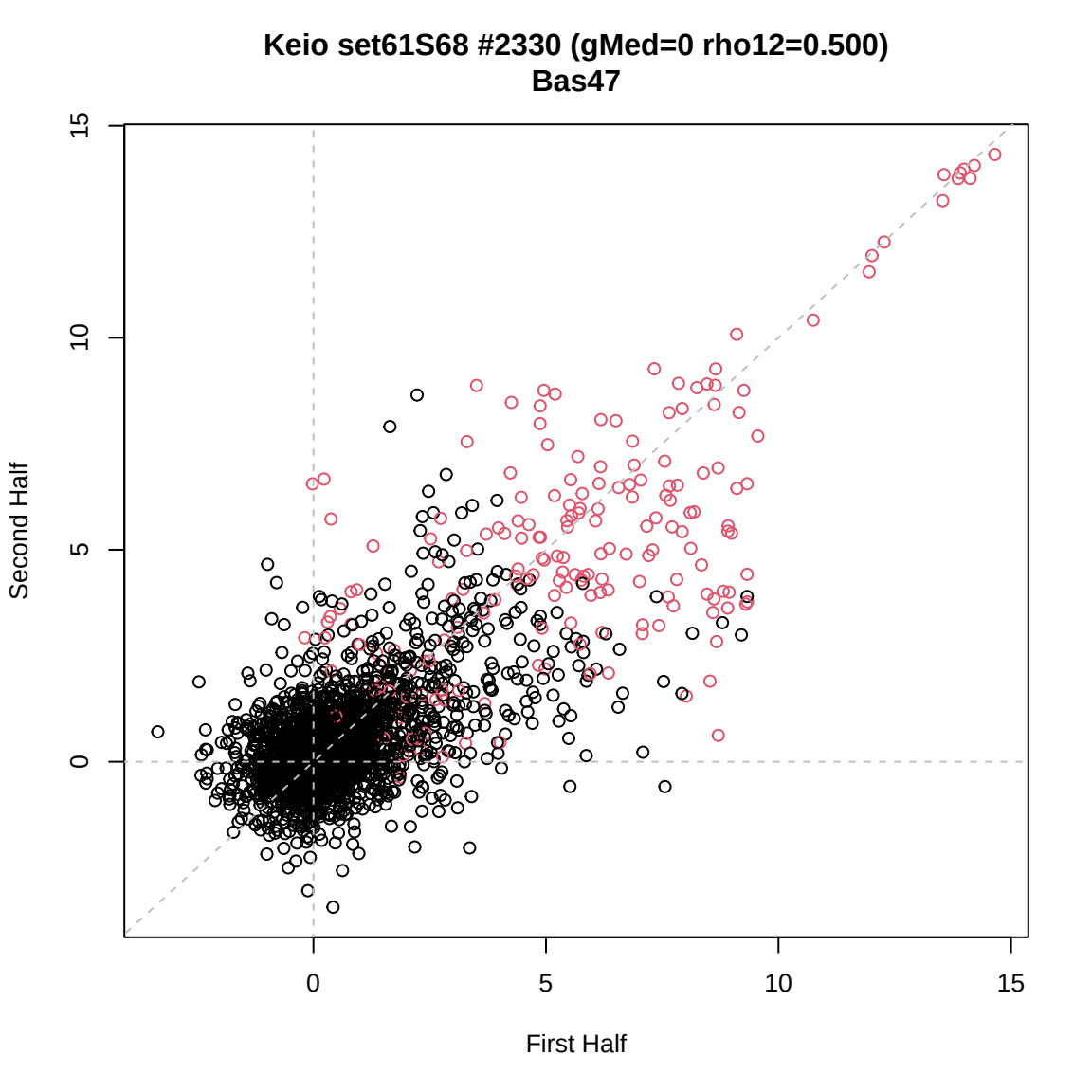

Keio set61S63 #2325 (gMed=0 rho12=0.496)
Bas17
Second Half
First Half
0
5
10
15

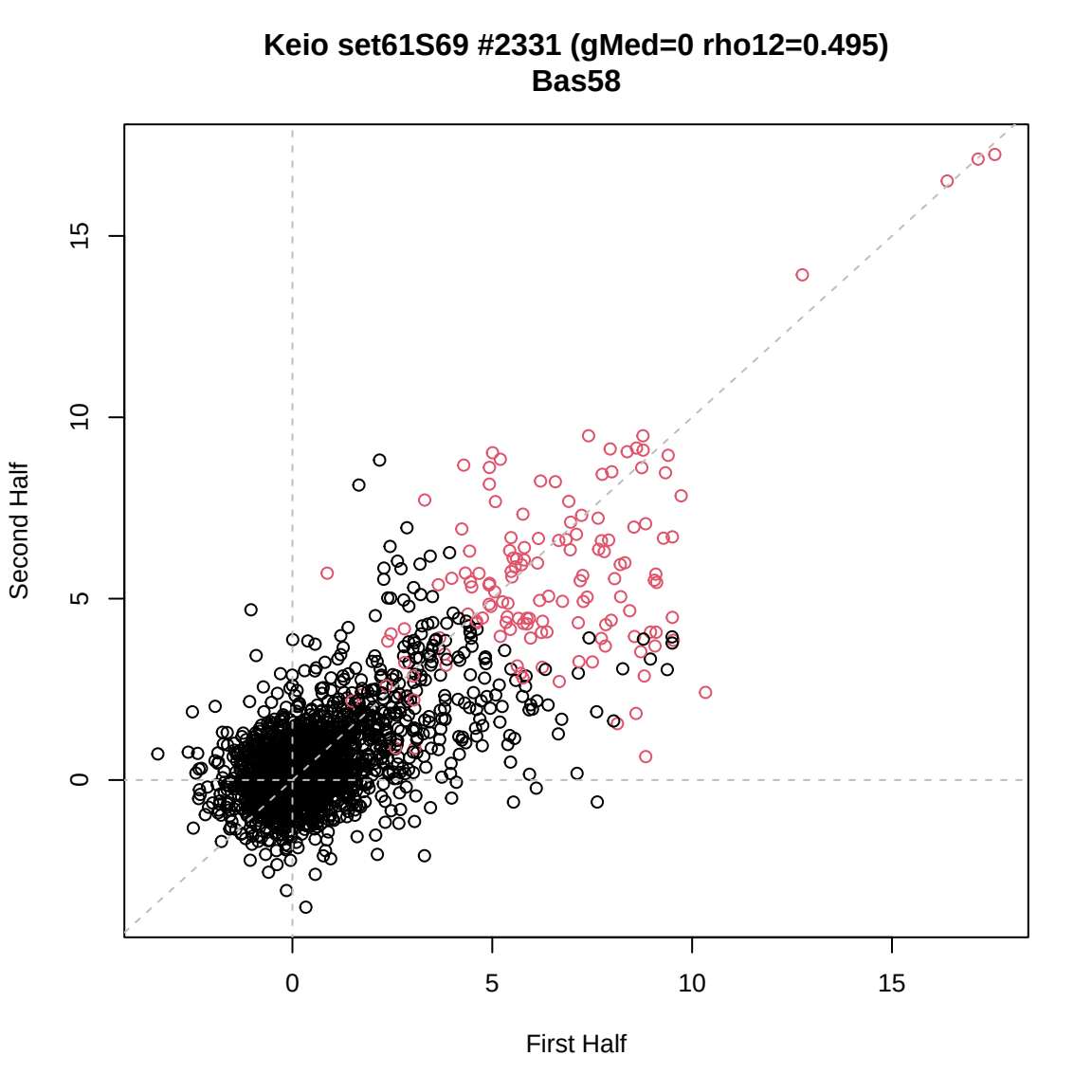

Keio set61S64 #2326 (gMed=0 rho12=0.497)
Bas17
Second Half
First Half
0
5
10
15

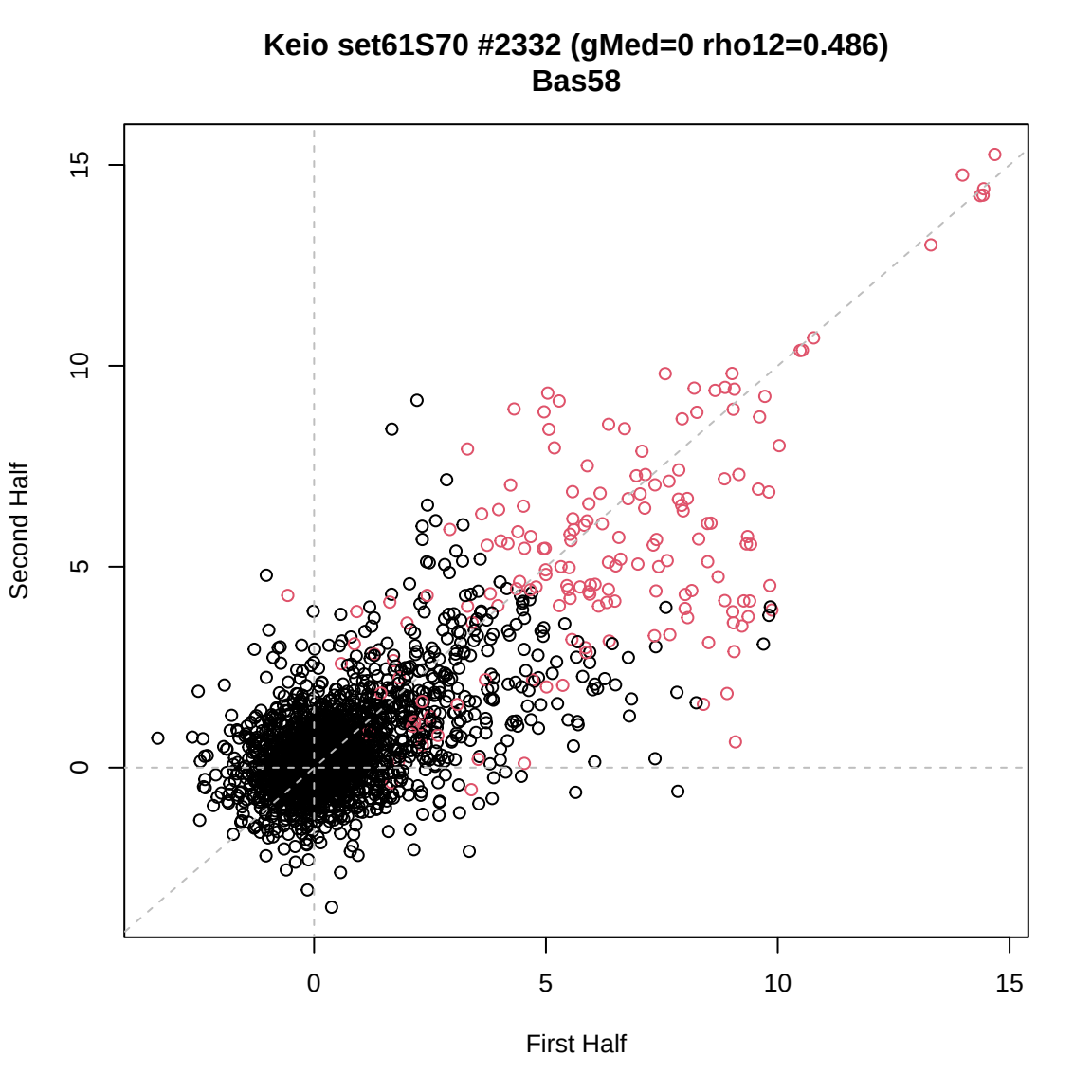

Keio set61S65 #2327 (gMed=0 rho12=0.476)
Bas33
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8

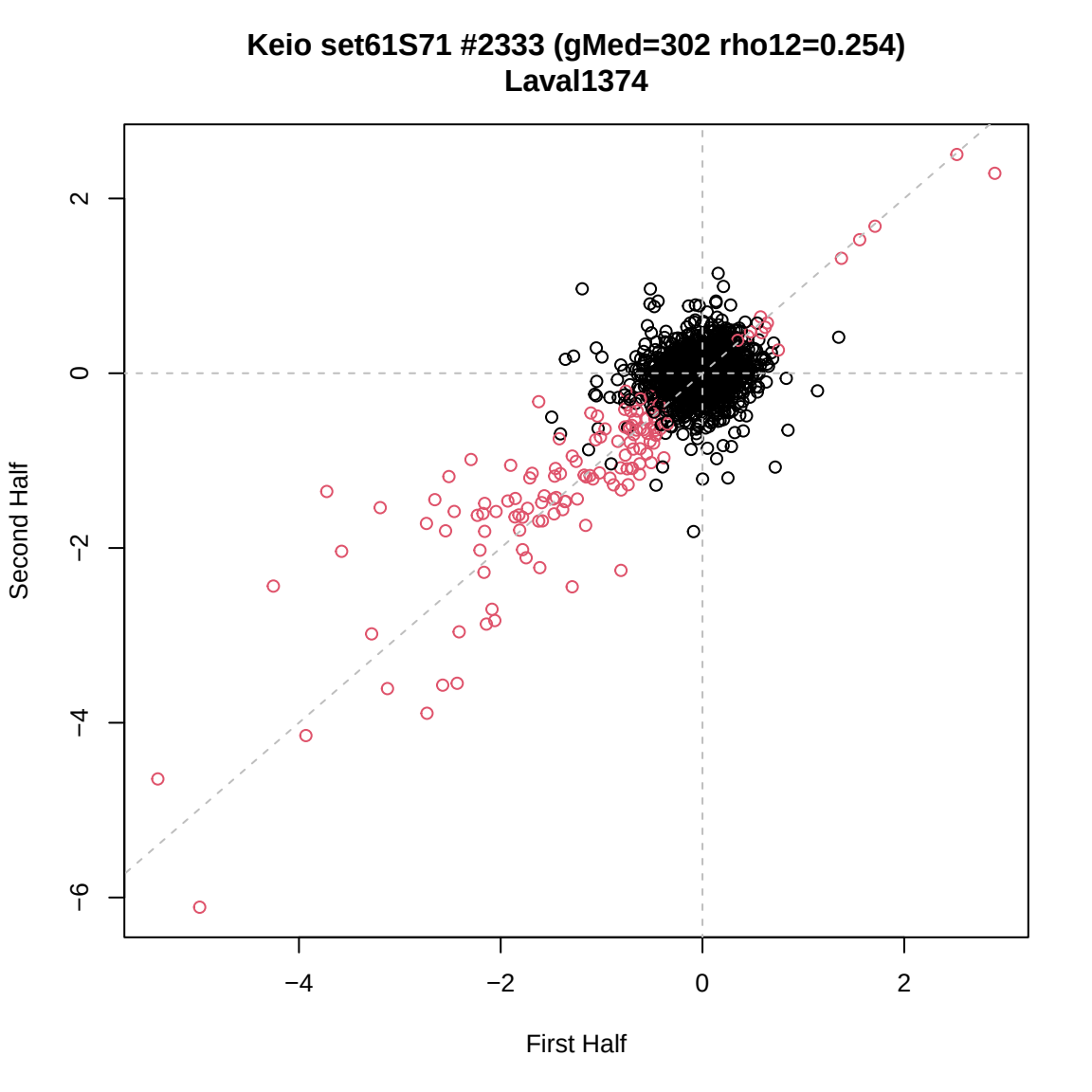

Keio set61S66 #2328 (gMed=0 rho12=0.474)
Bas33
Second Half
First Half
−2
0
2
4
6
8
10

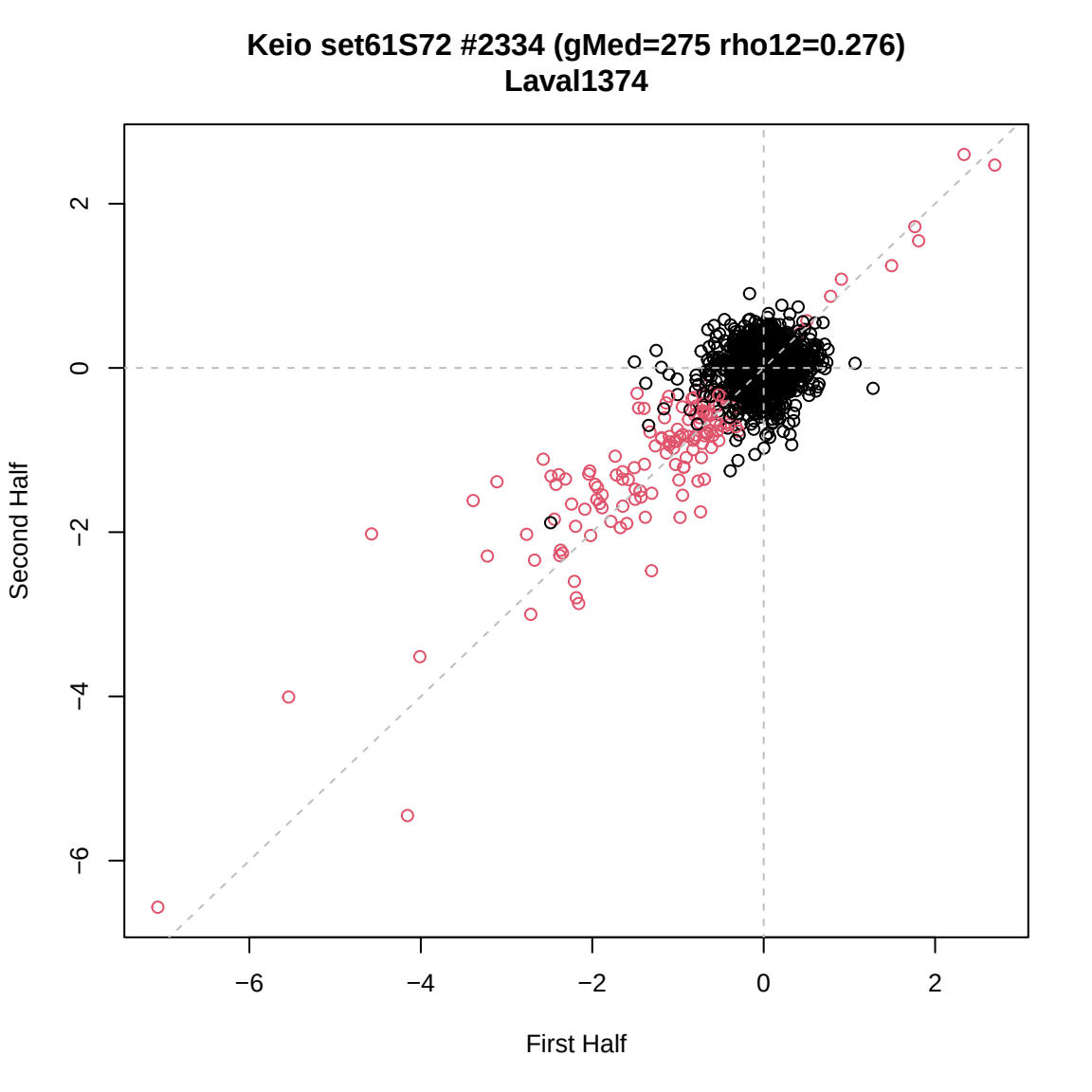

Keio set61S67 #2329 (gMed=0 rho12=0.488)
Bas47
Second Half
First Half
0
5
10
15

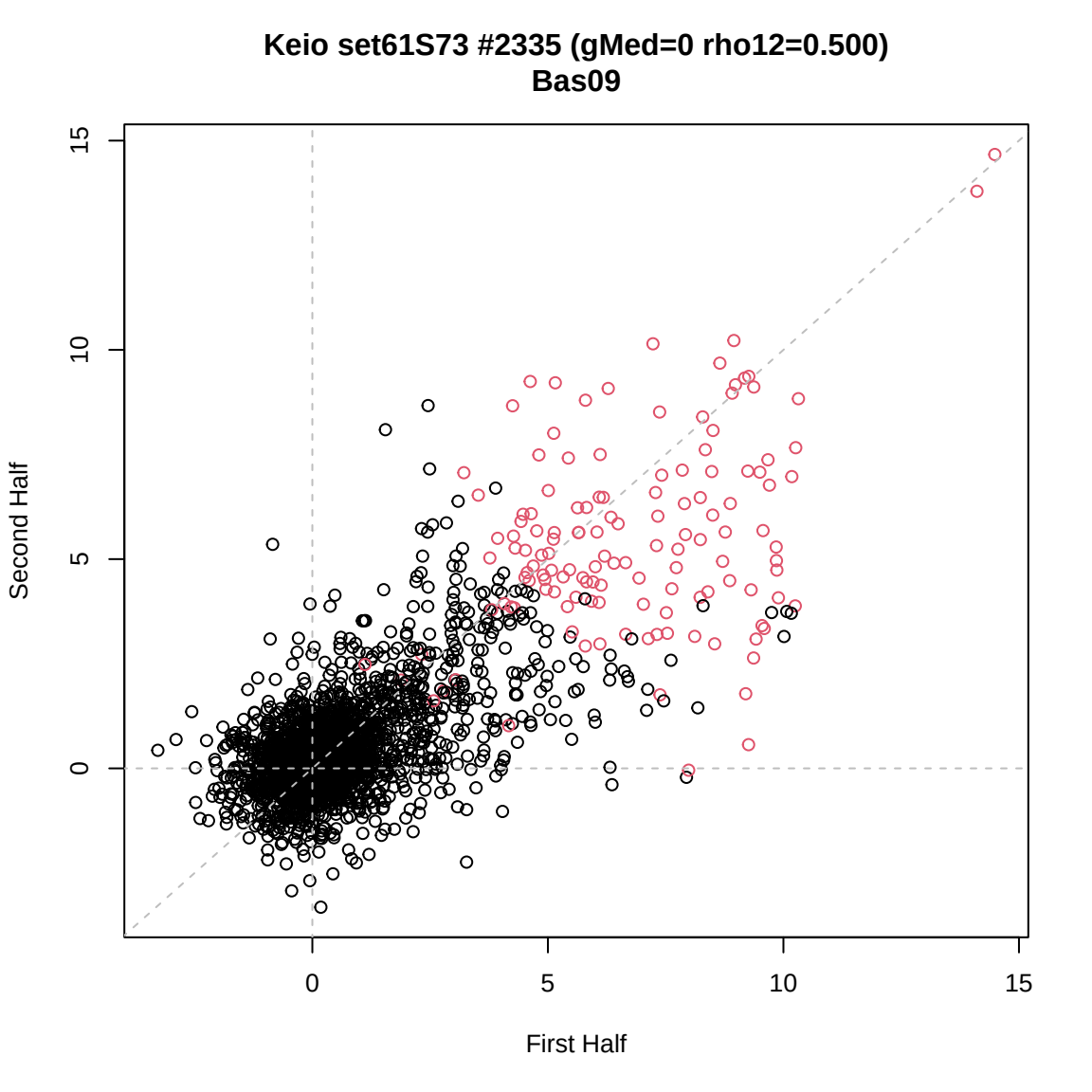

Keio set61S68 #2330 (gMed=0 rho12=0.500)
Bas47
Second Half
First Half
0
5
10
15

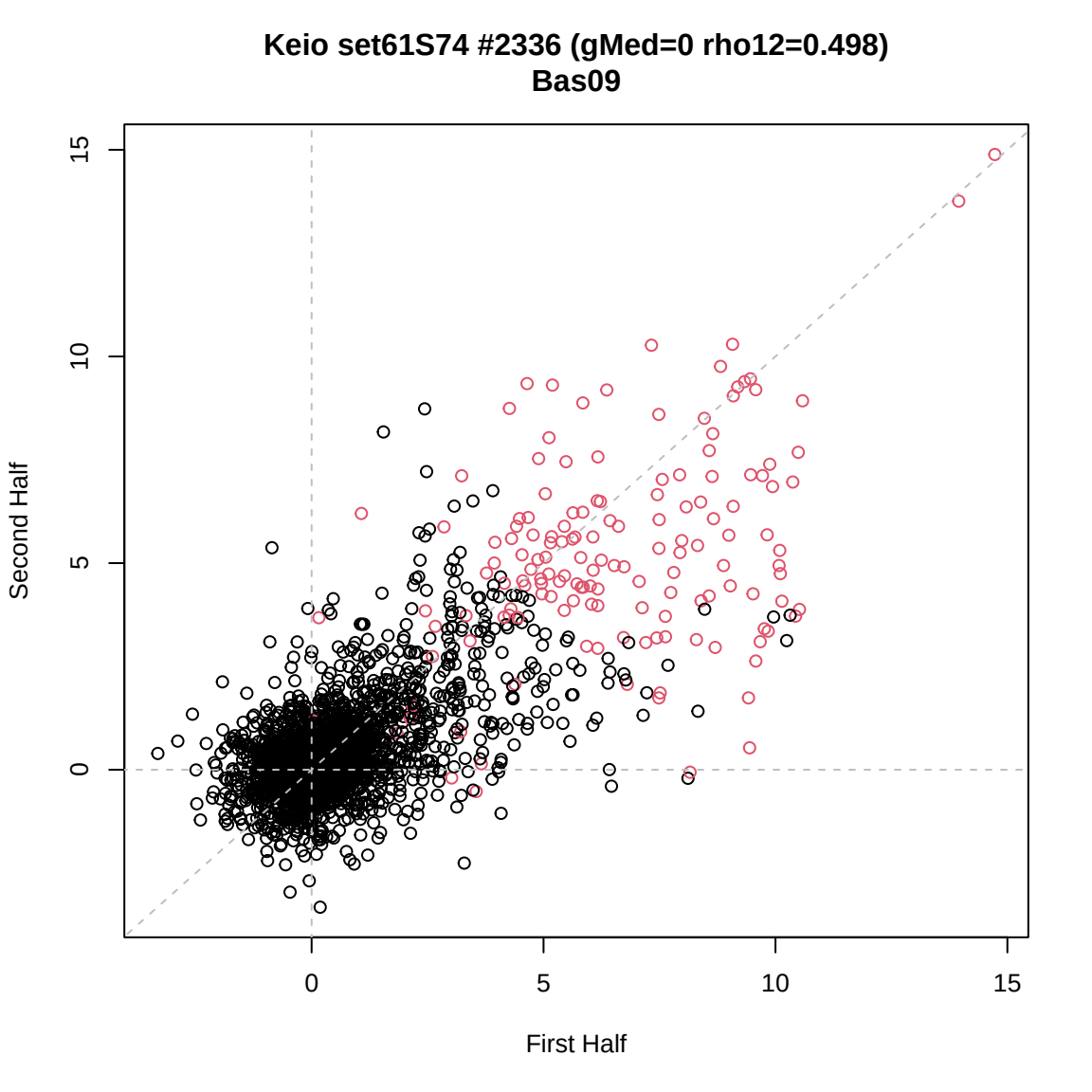

Keio set61S69 #2331 (gMed=0 rho12=0.495)
Bas58
Second Half
First Half
0
5
10
15
0
5
10
15

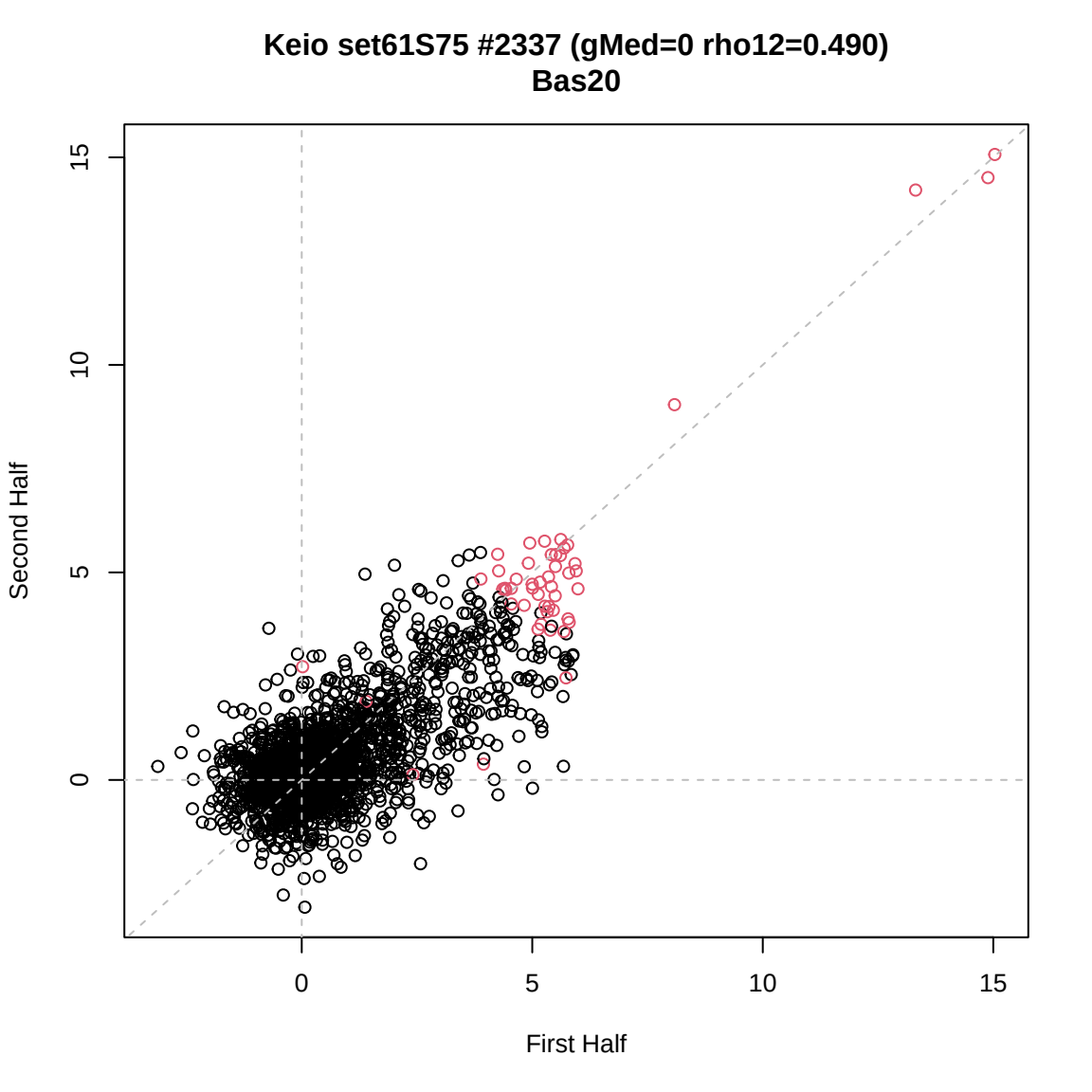

Keio set61S70 #2332 (gMed=0 rho12=0.486)
Bas58
Second Half
First Half
0
5
10
15

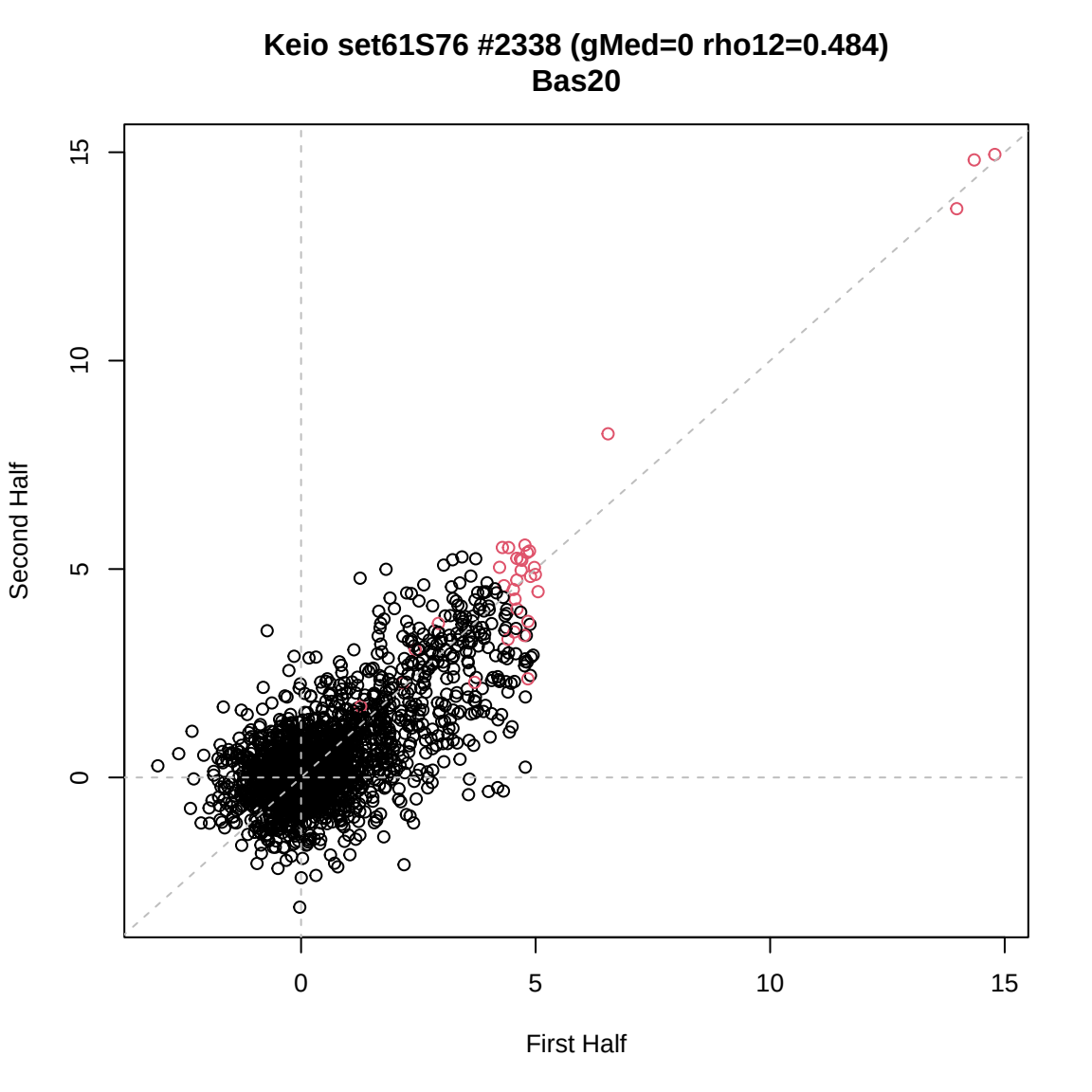

Keio set61S71 #2333 (gMed=302 rho12=0.254)
Laval1374
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

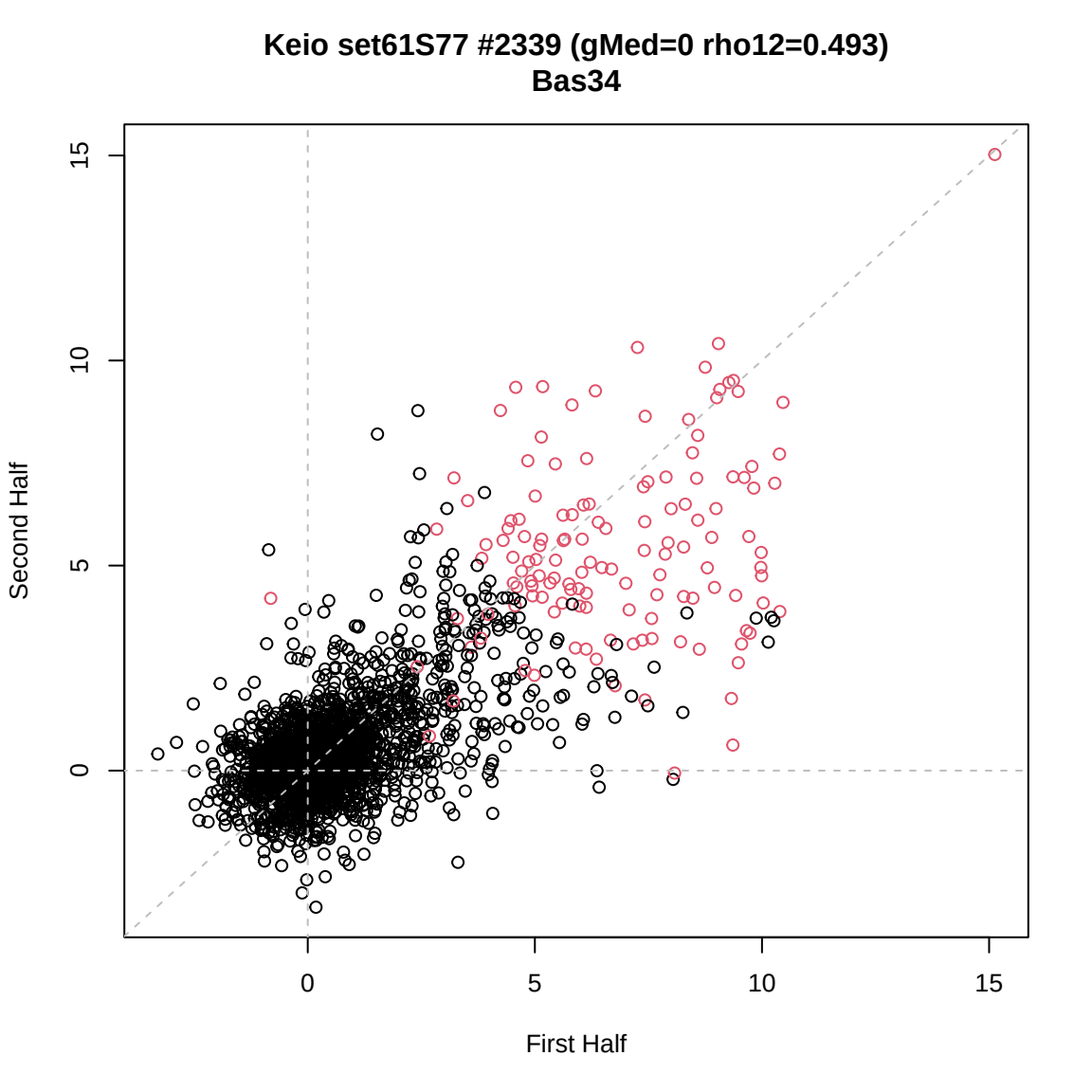

Keio set61S72 #2334 (gMed=275 rho12=0.276)
Laval1374
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

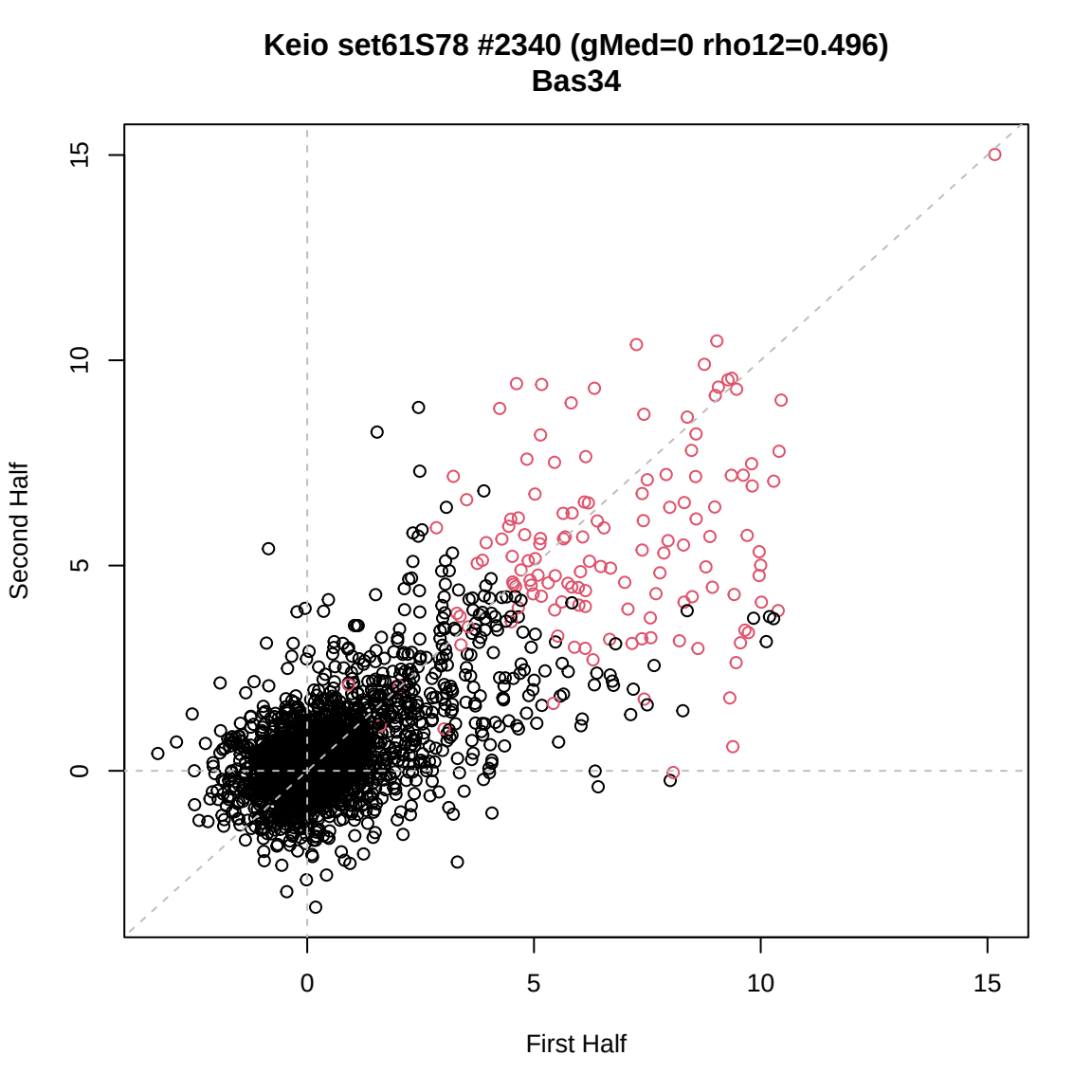

Keio set61S73 #2335 (gMed=0 rho12=0.500)
Bas09
Second Half
First Half
15
10
5
0
0
5
10
15

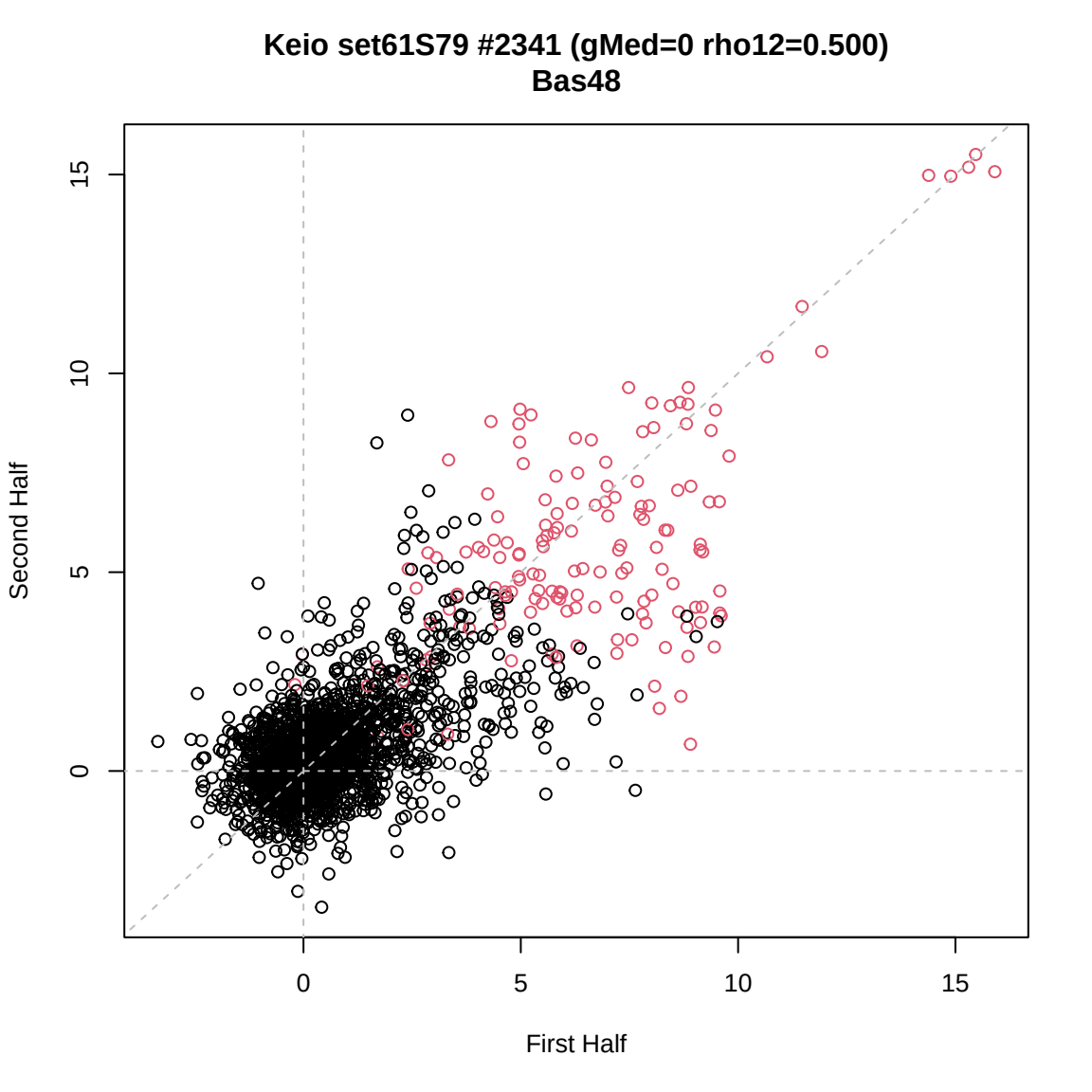

Keio set61S74 #2336 (gMed=0 rho12=0.498)
Bas09
Second Half
First Half
0
5
10
15

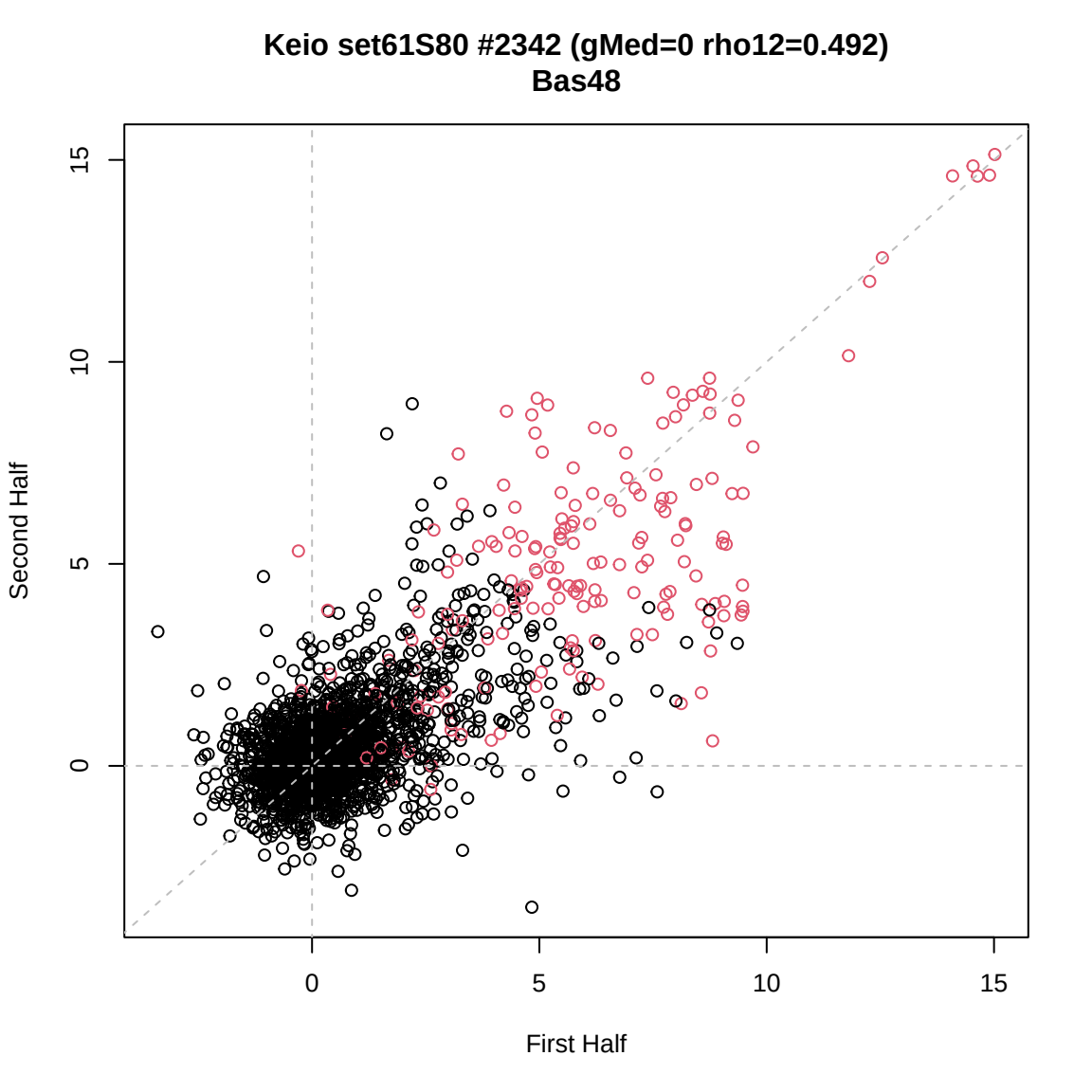

Keio set61S75 #2337 (gMed=0 rho12=0.490)
Bas20
Second Half
First Half
0
5
10
15

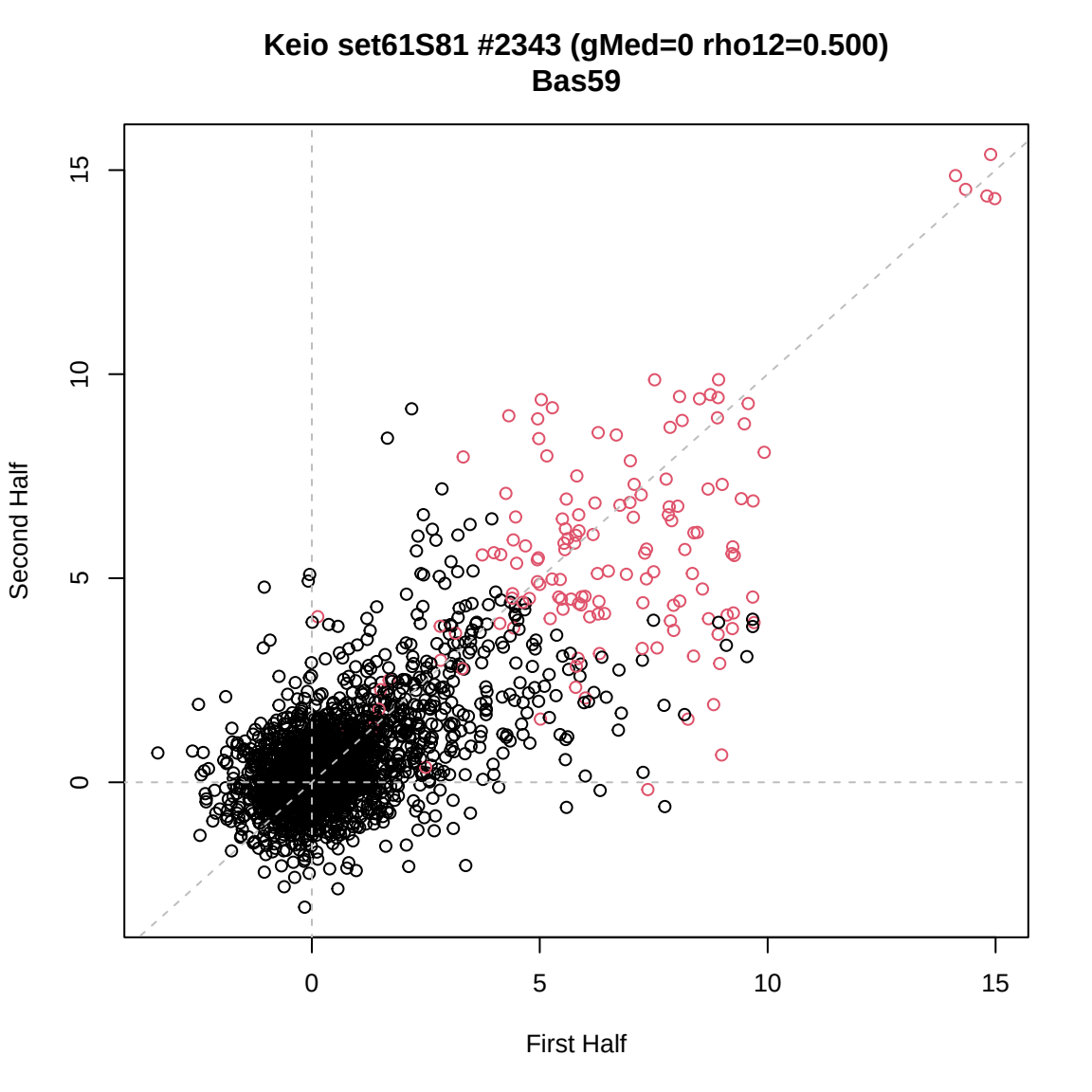

Keio set61S76 #2338 (gMed=0 rho12=0.484)
Bas20
Second Half
First Half
0
5
10
15

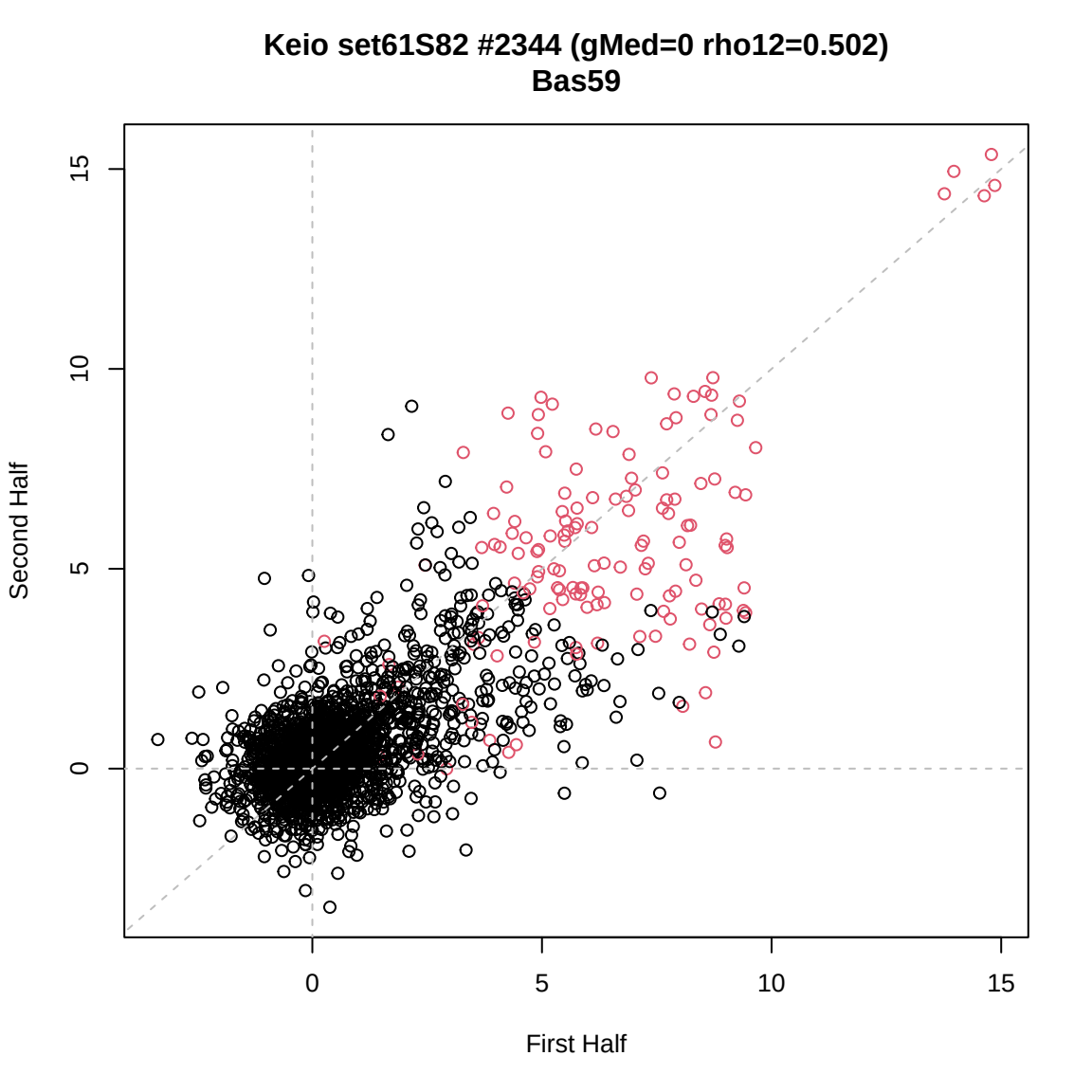

Keio set61S77 #2339 (gMed=0 rho12=0.493)
Bas34
Second Half
First Half
0
5
10
15

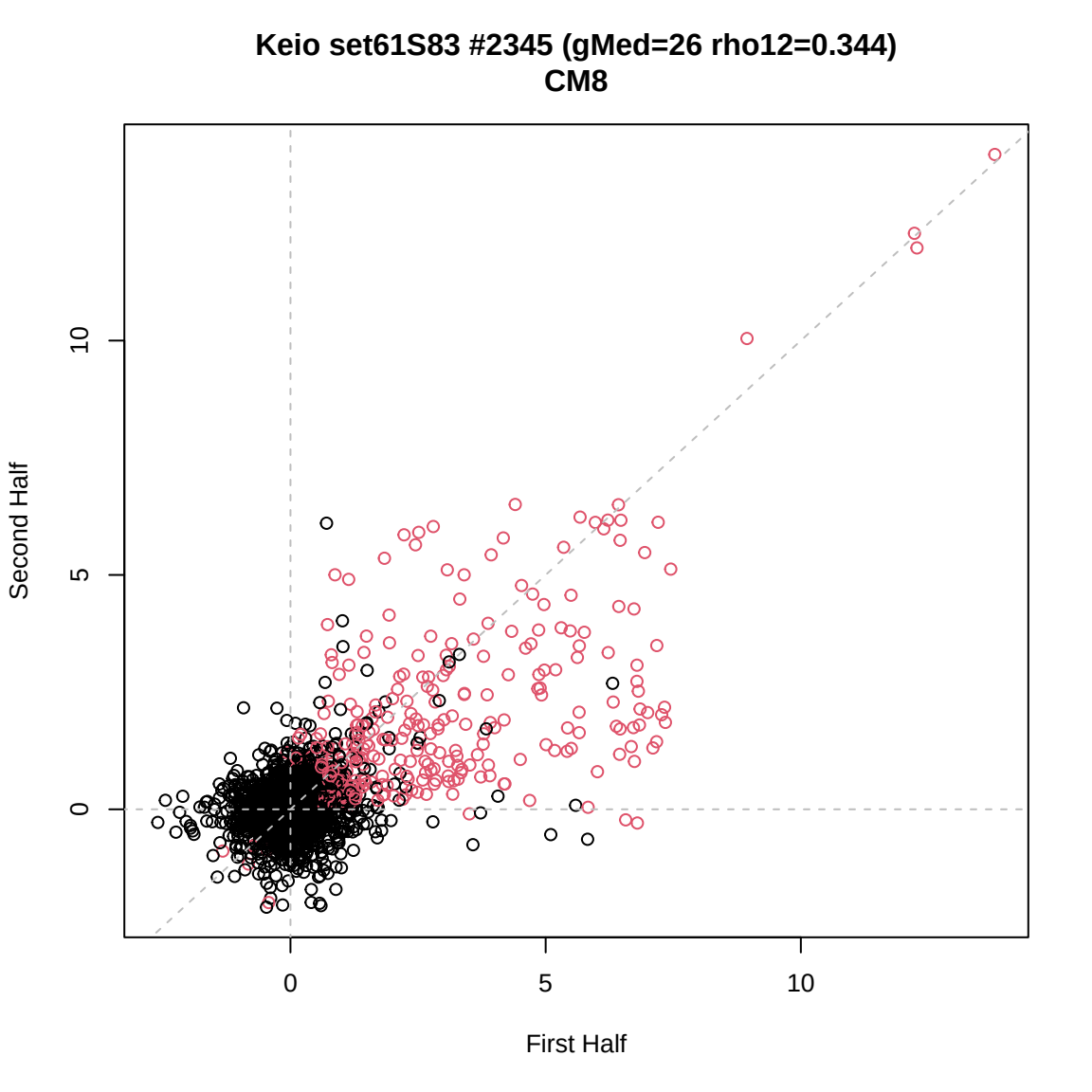

Keio set61S78 #2340 (gMed=0 rho12=0.496)
Bas34
Second Half
First Half
0
5
10
15

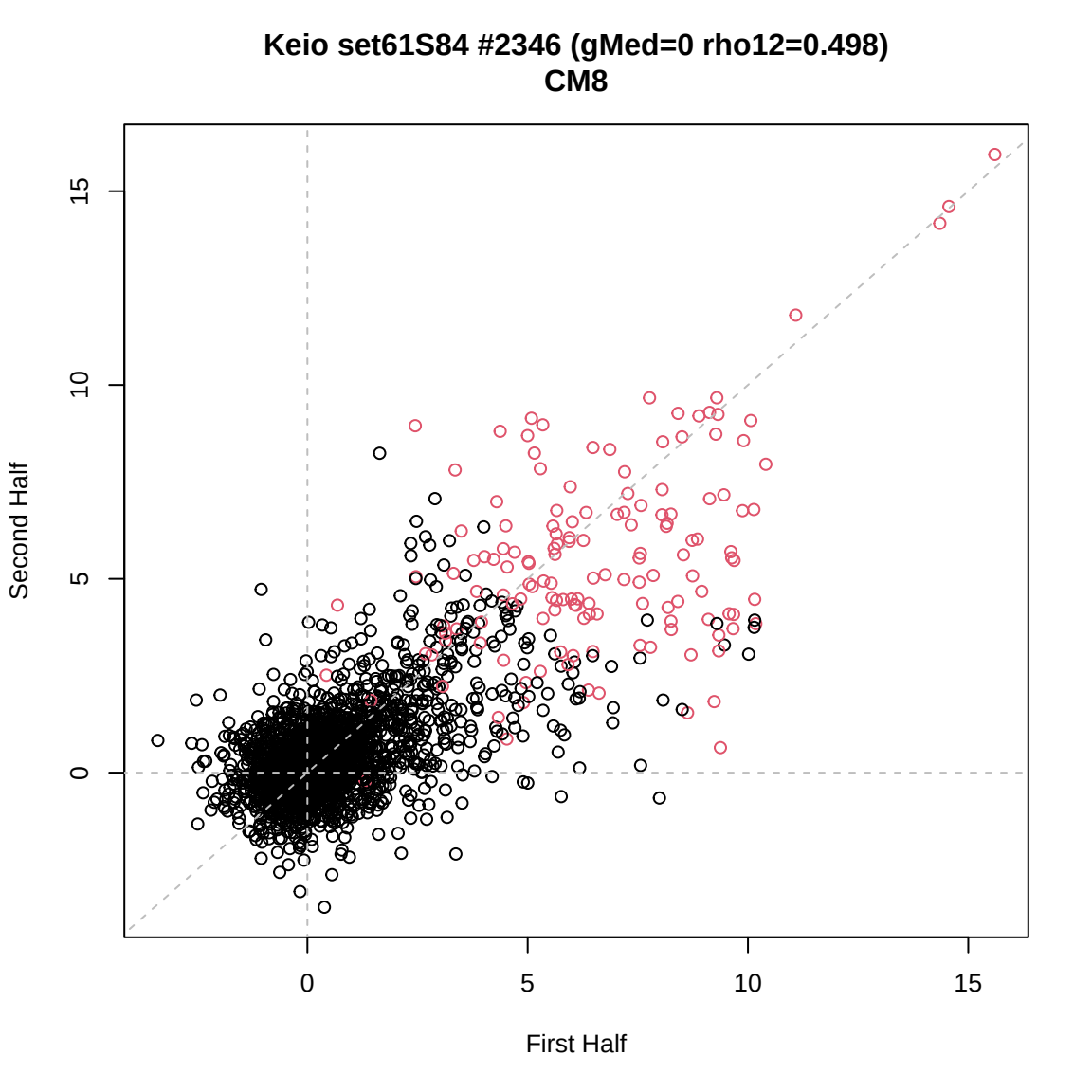

Keio set61S79 #2341 (gMed=0 rho12=0.500)
Bas48
Second Half
First Half
0
5
10
15

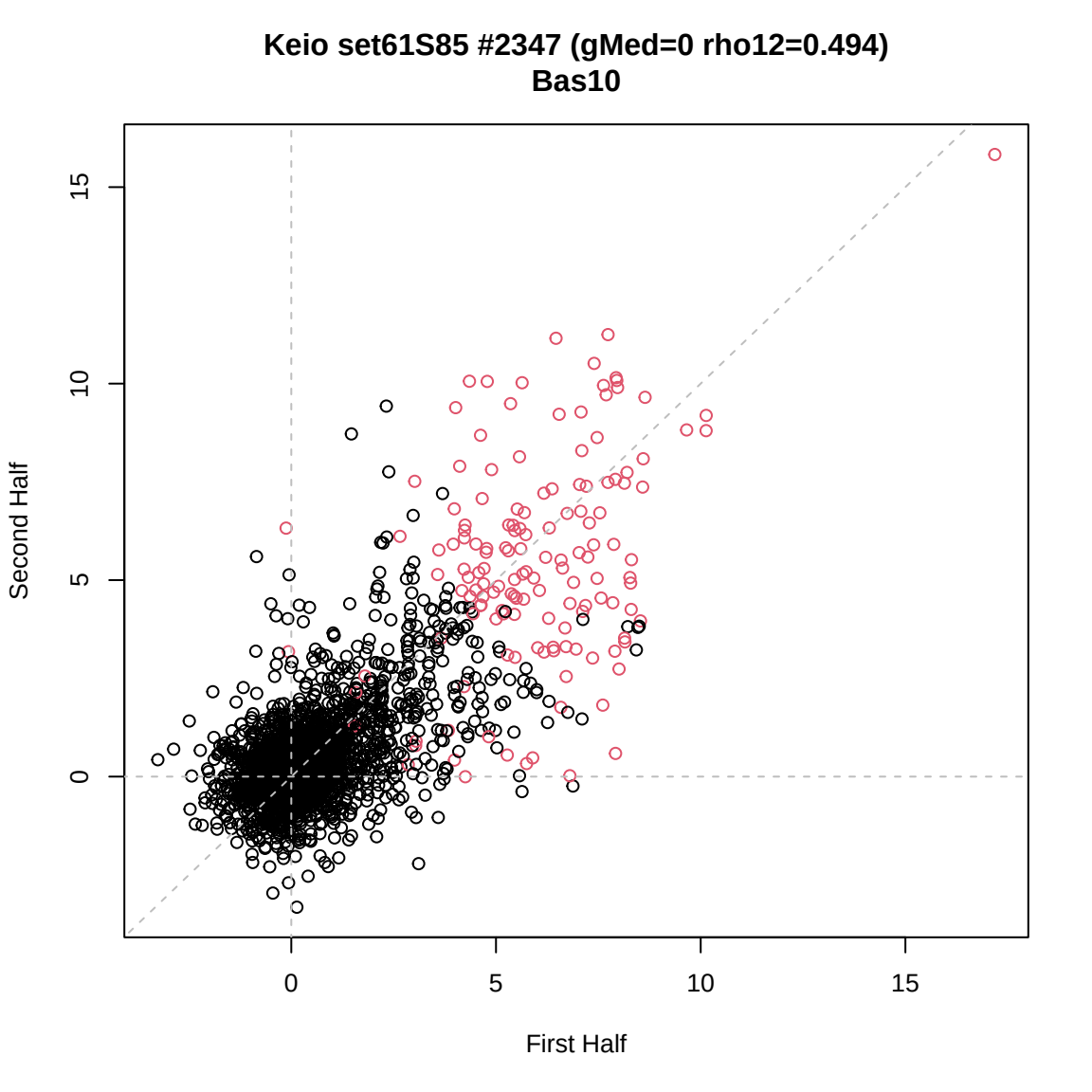

Keio set61S80 #2342 (gMed=0 rho12=0.492)
Bas48
Second Half
First Half
0
5
10
15

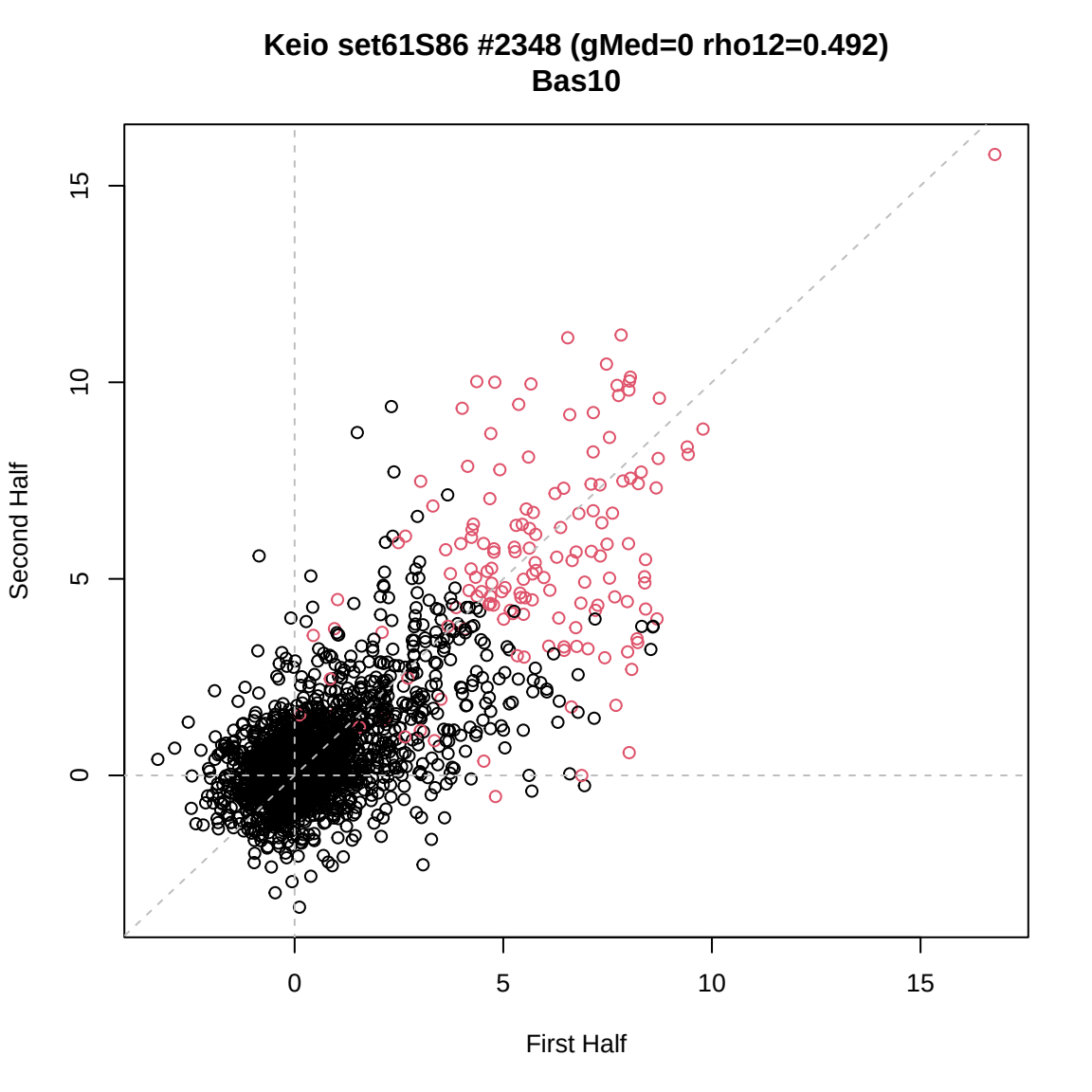

Keio set61S81 #2343 (gMed=0 rho12=0.500)
Bas59
Second Half
First Half
0
5
10
15

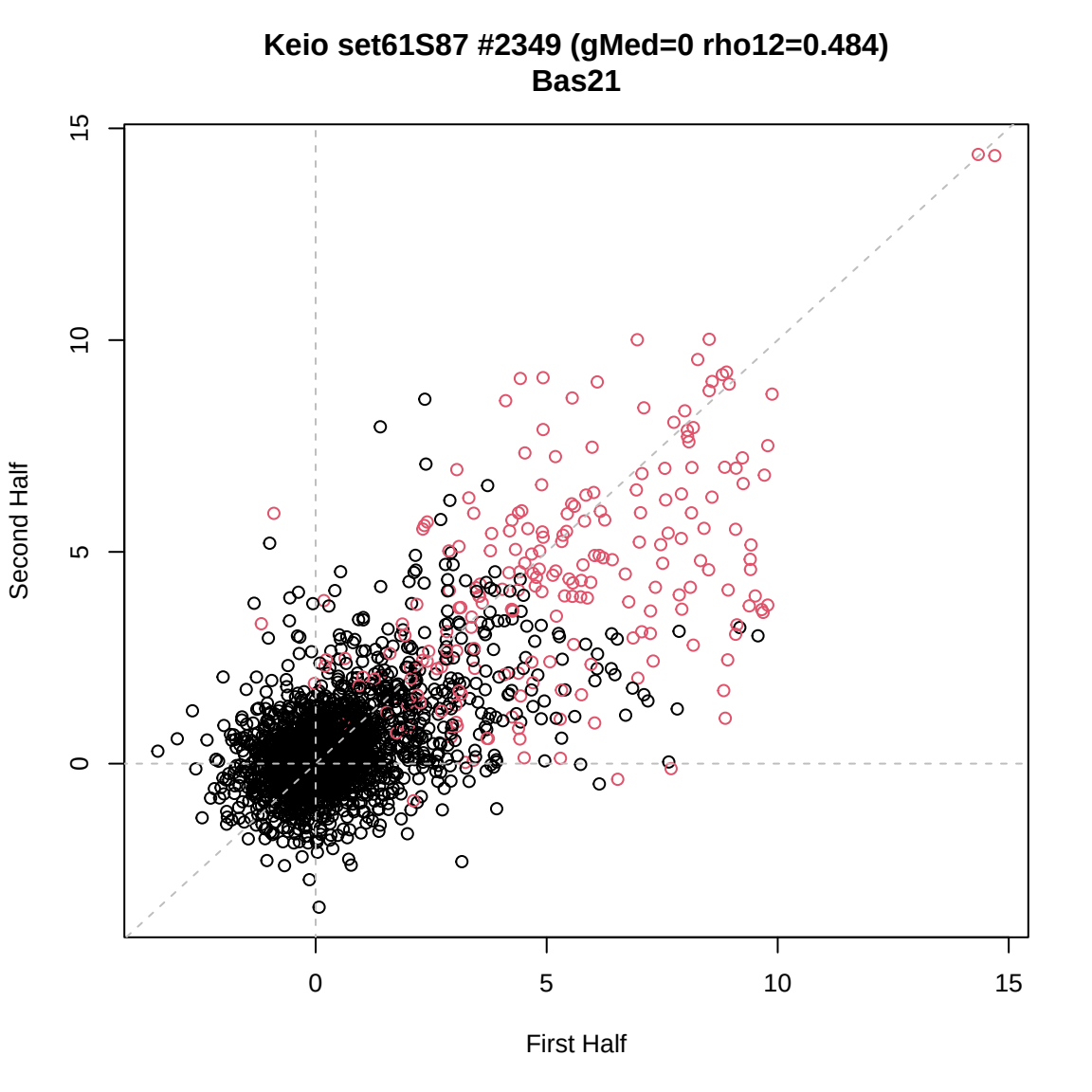

Keio set61S82 #2344 (gMed=0 rho12=0.502)
Bas59
Second Half
First Half
0
5
10
15

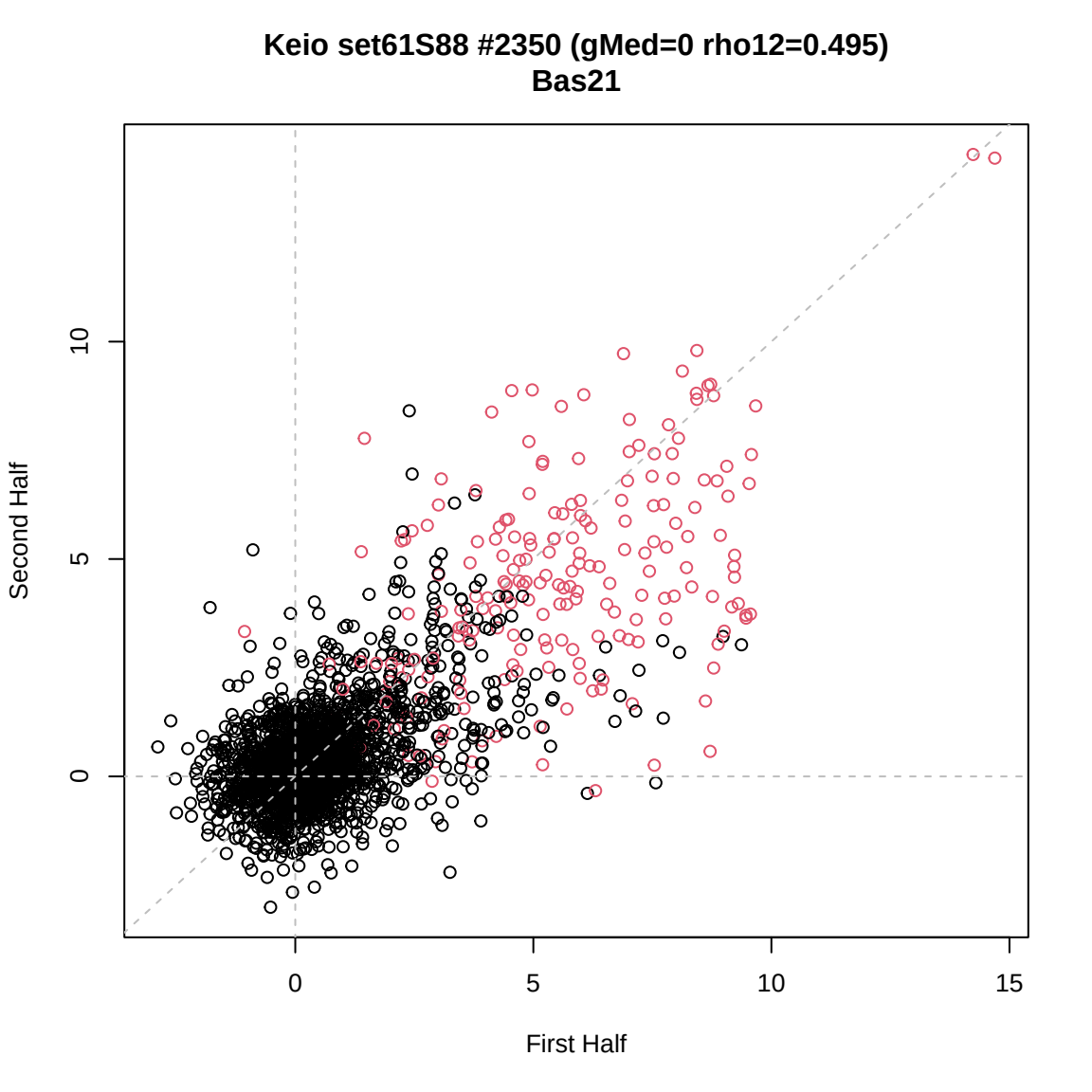

Keio set61S83 #2345 (gMed=26 rho12=0.344)
CM8
Second Half
First Half
0
5
10
0
5
10

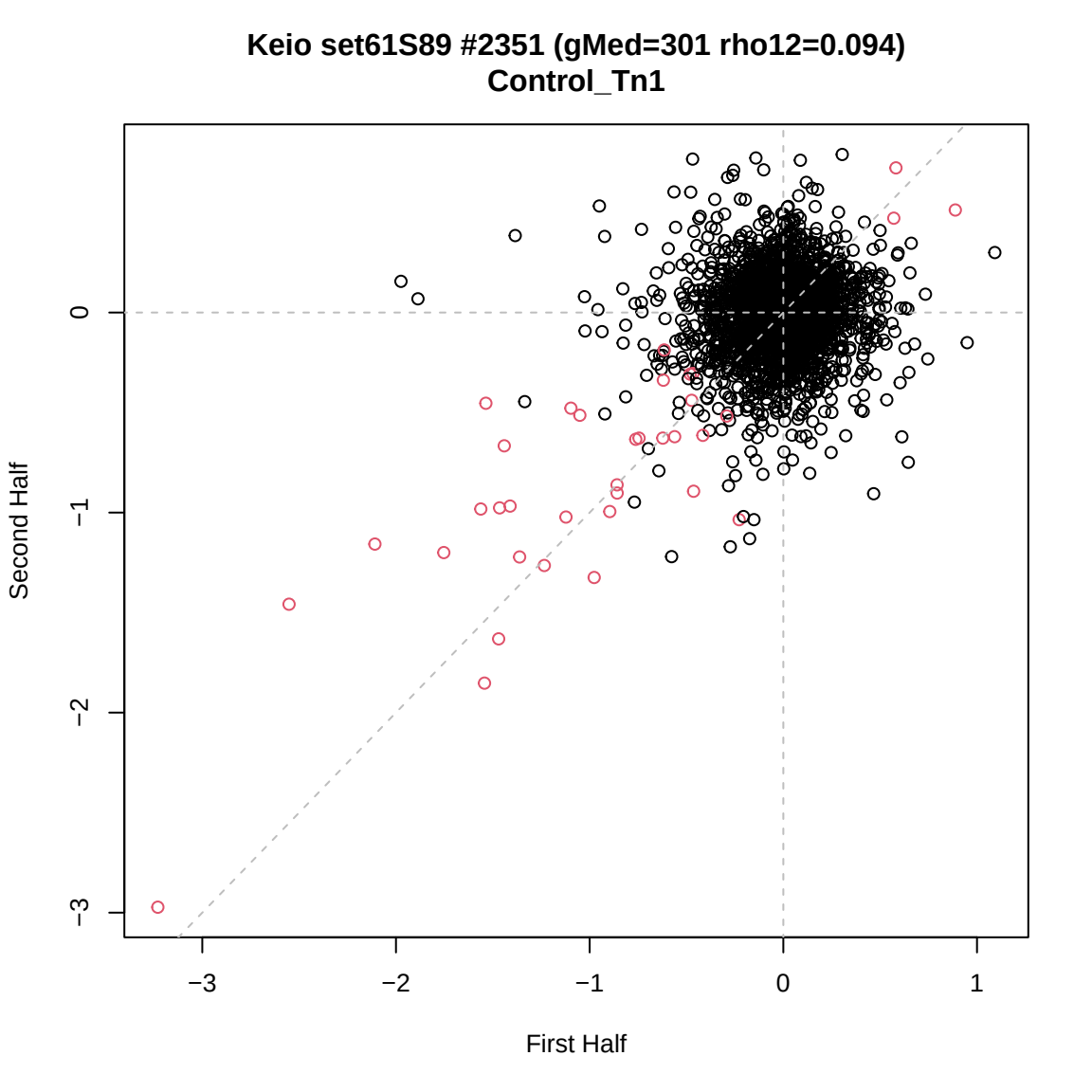

Keio set61S84 #2346 (gMed=0 rho12=0.498)
CM8
Second Half
First Half
0
5
10
15

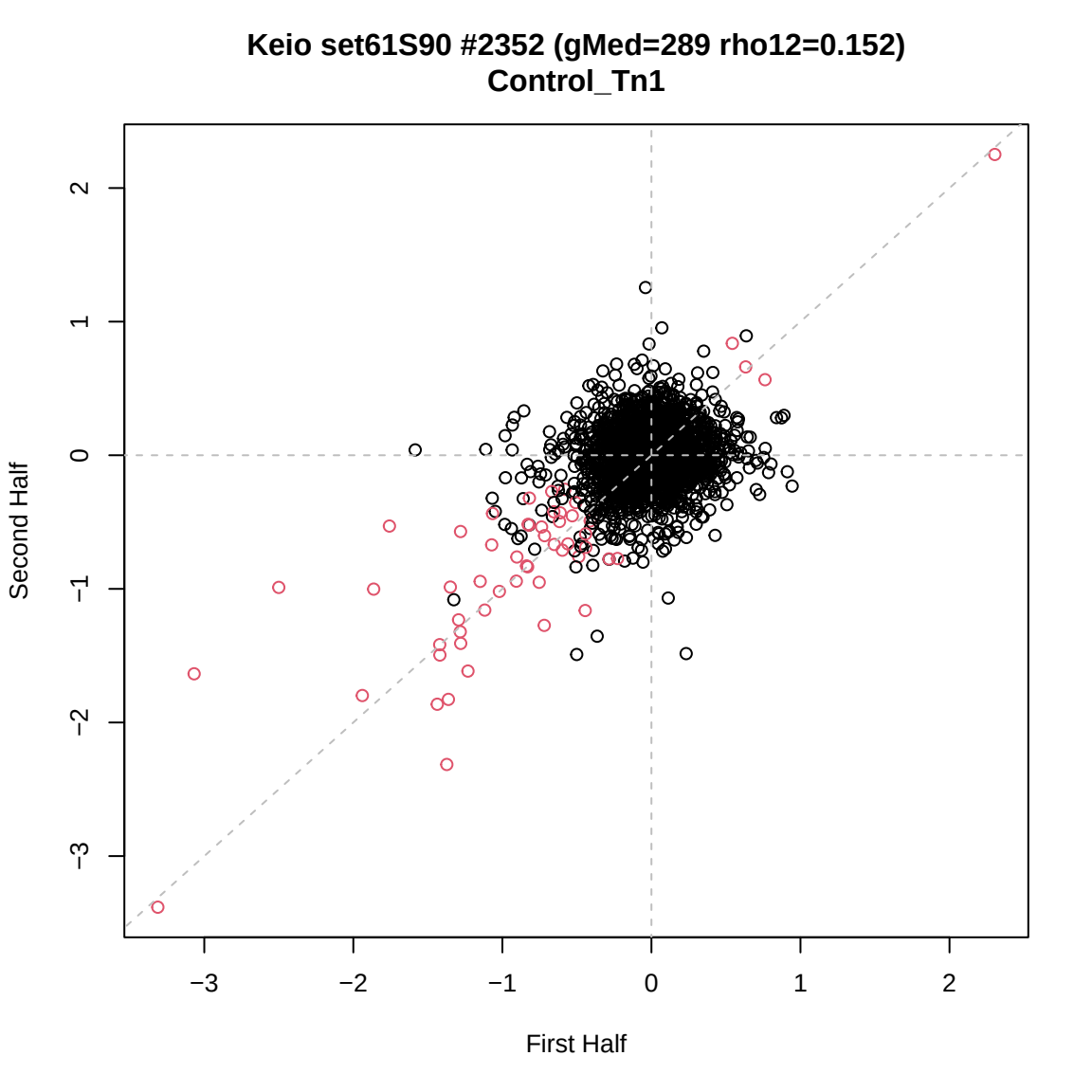

Keio set61S85 #2347 (gMed=0 rho12=0.494)
Bas10
Second Half
First Half
0
5
10
15

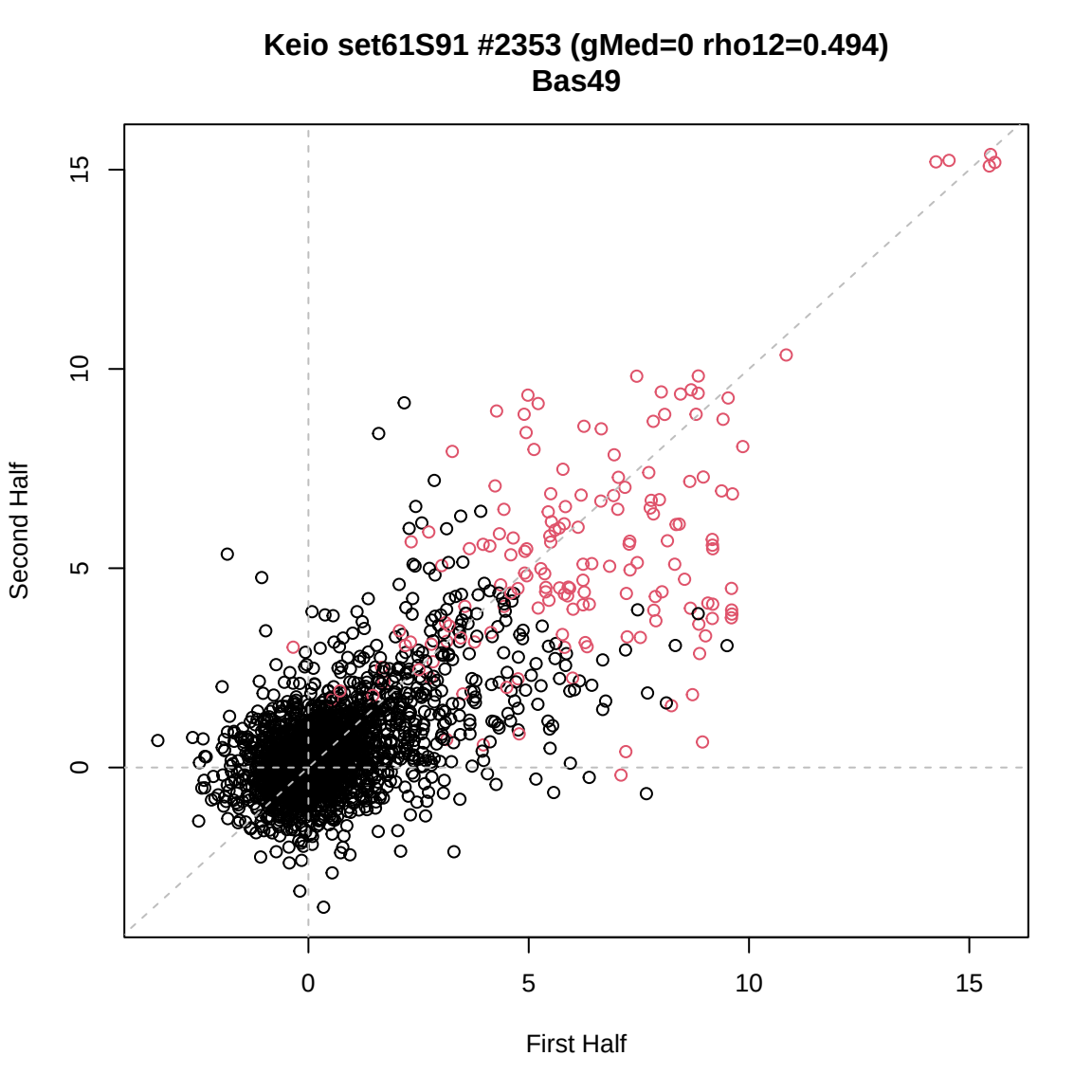

Keio set61S86 #2348 (gMed=0 rho12=0.492)
Bas10
Second Half
First Half
0
5
10
15

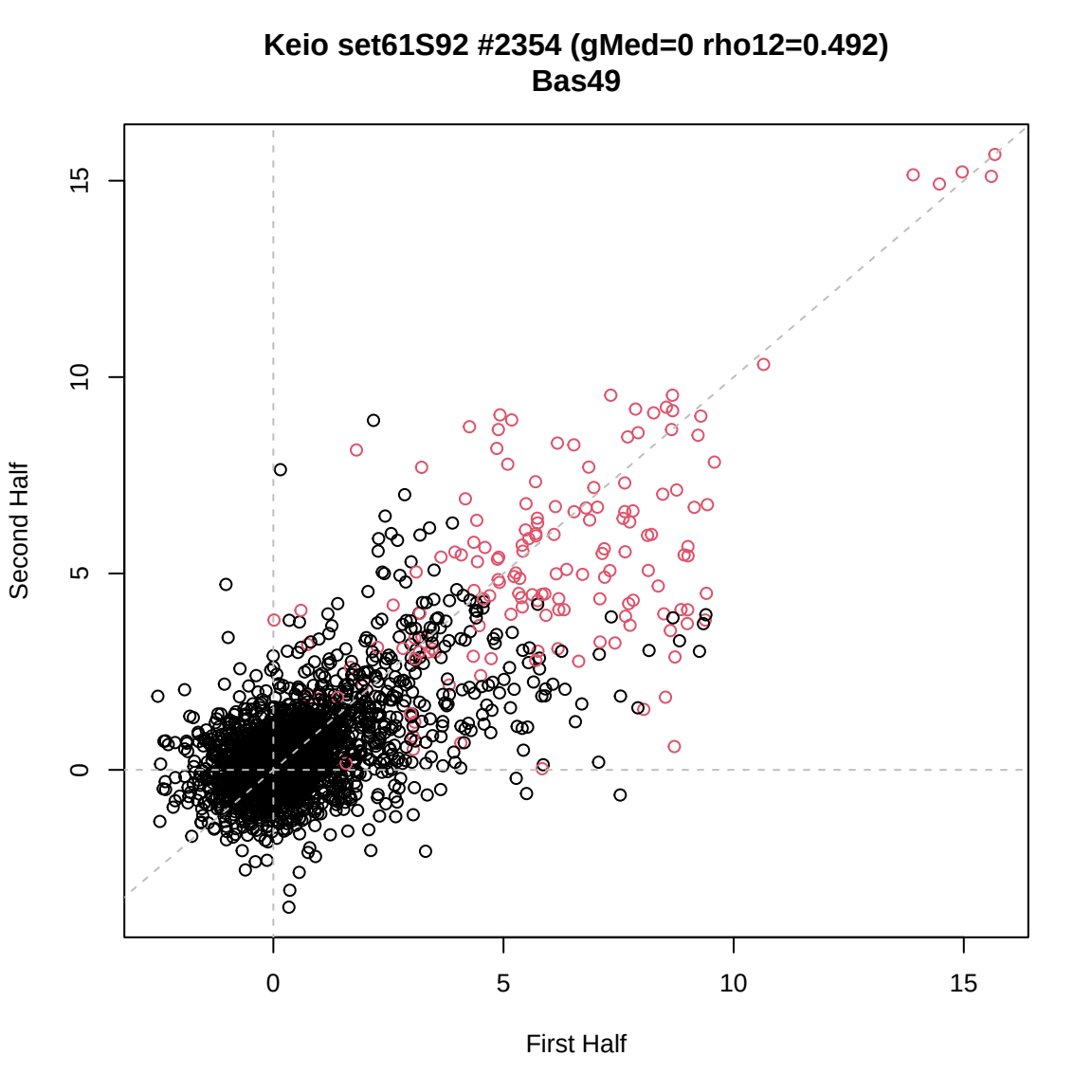

Keio set61S87 #2349 (gMed=0 rho12=0.484)
Bas21
Second Half
First Half
0
5
10
15

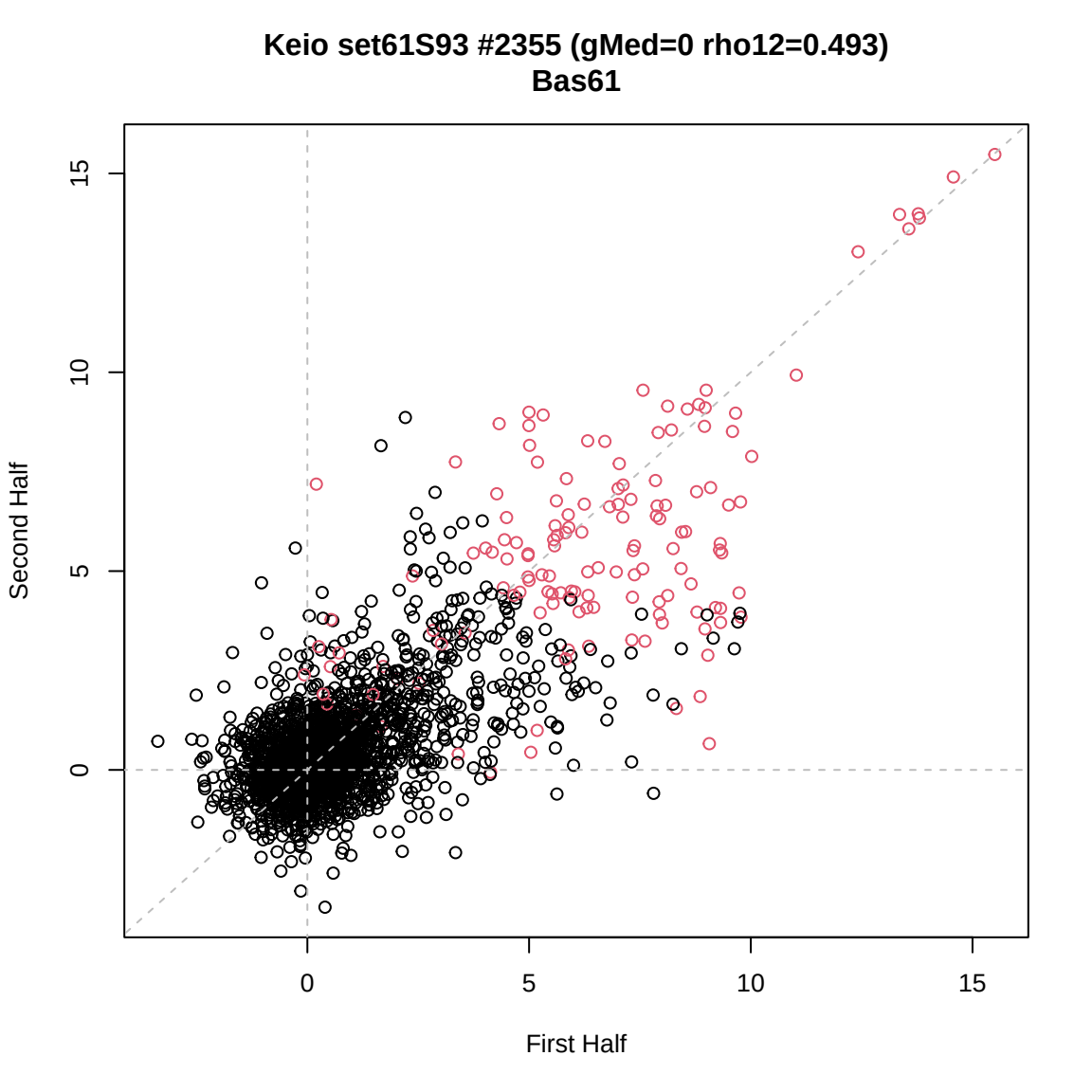

Keio set61S88 #2350 (gMed=0 rho12=0.495)
Bas21
Second Half
First Half
0
5
10
15
0
5
10

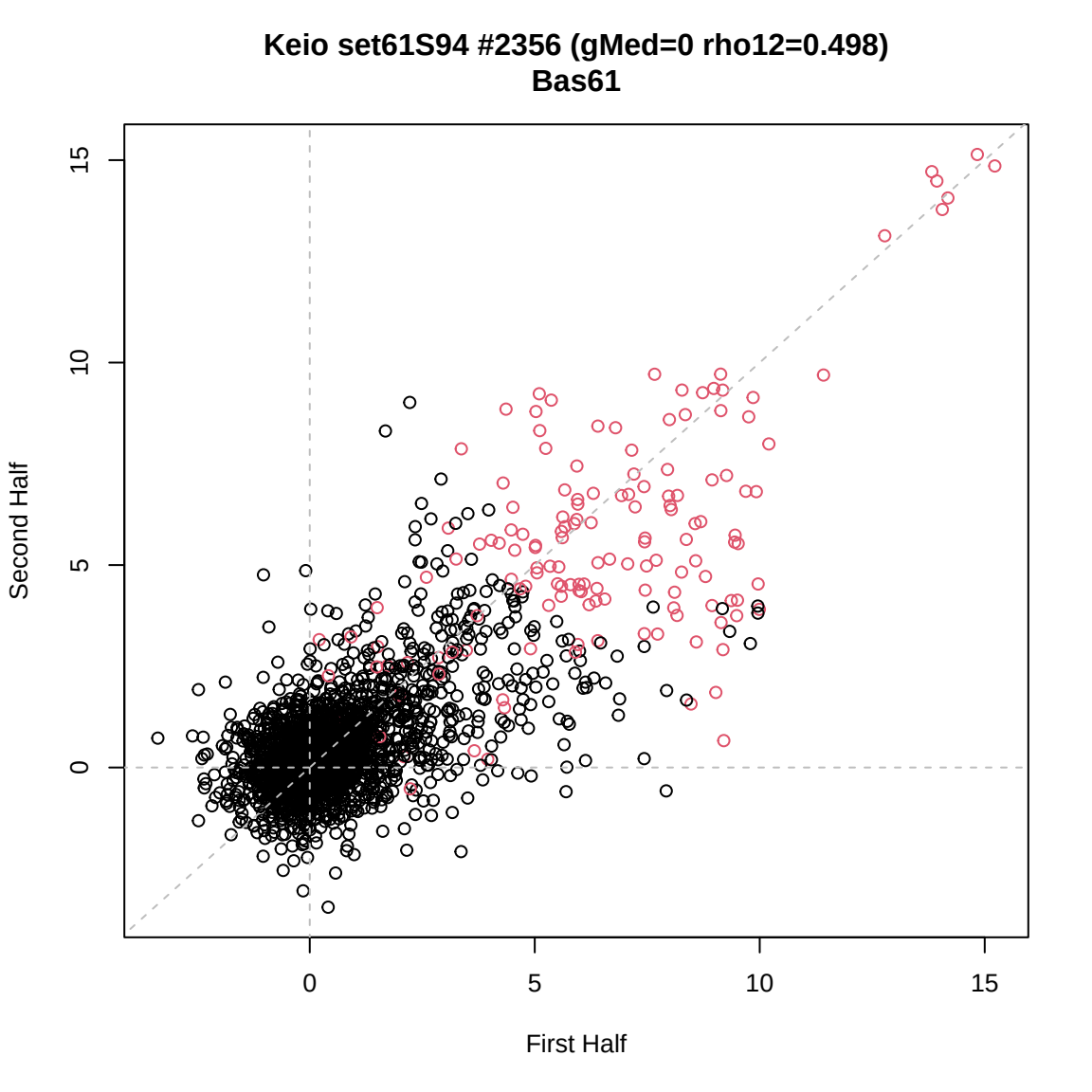

Keio set61S89 #2351 (gMed=301 rho12=0.094)
Control_Tn1
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0
1

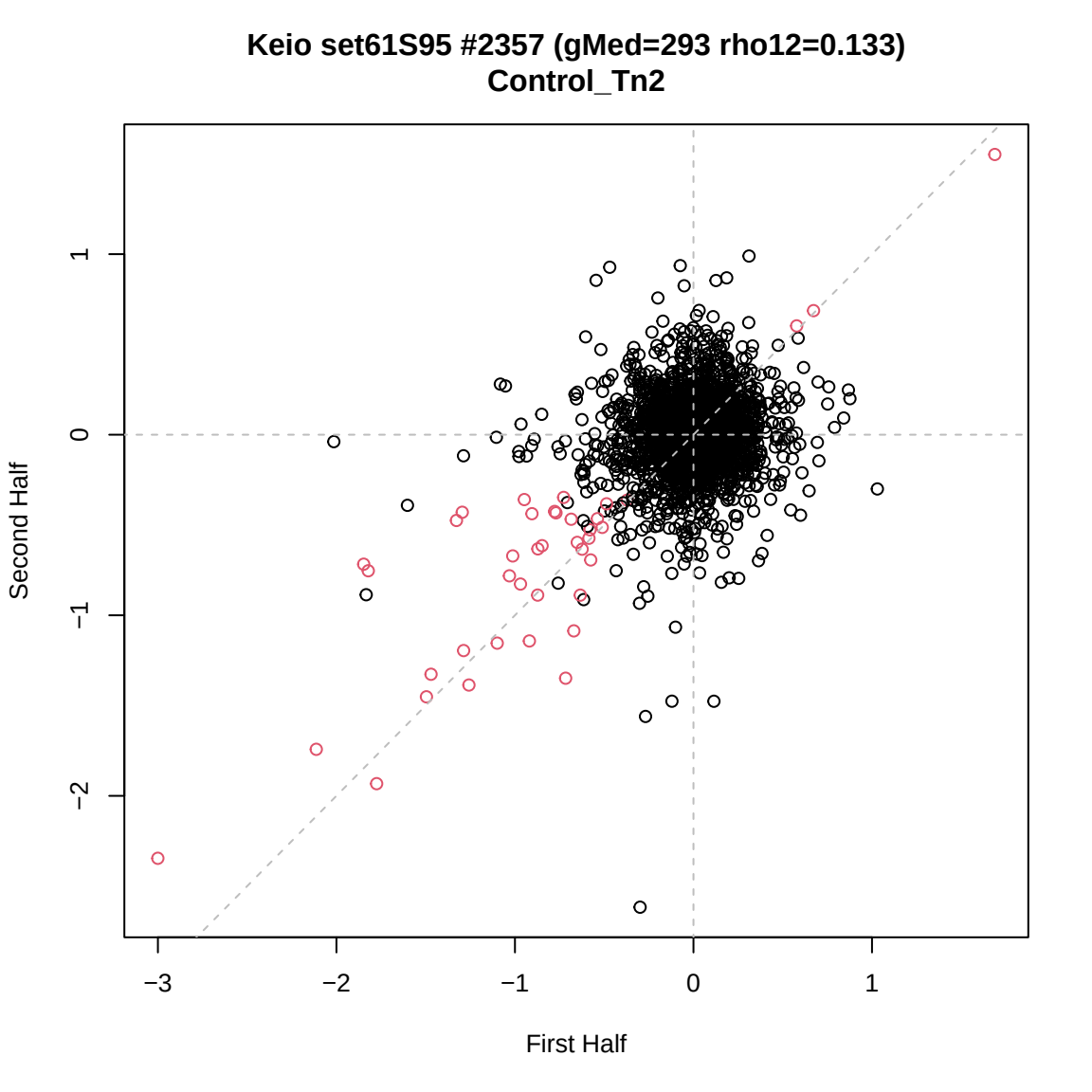

Keio set61S90 #2352 (gMed=289 rho12=0.152)
Control_Tn1
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

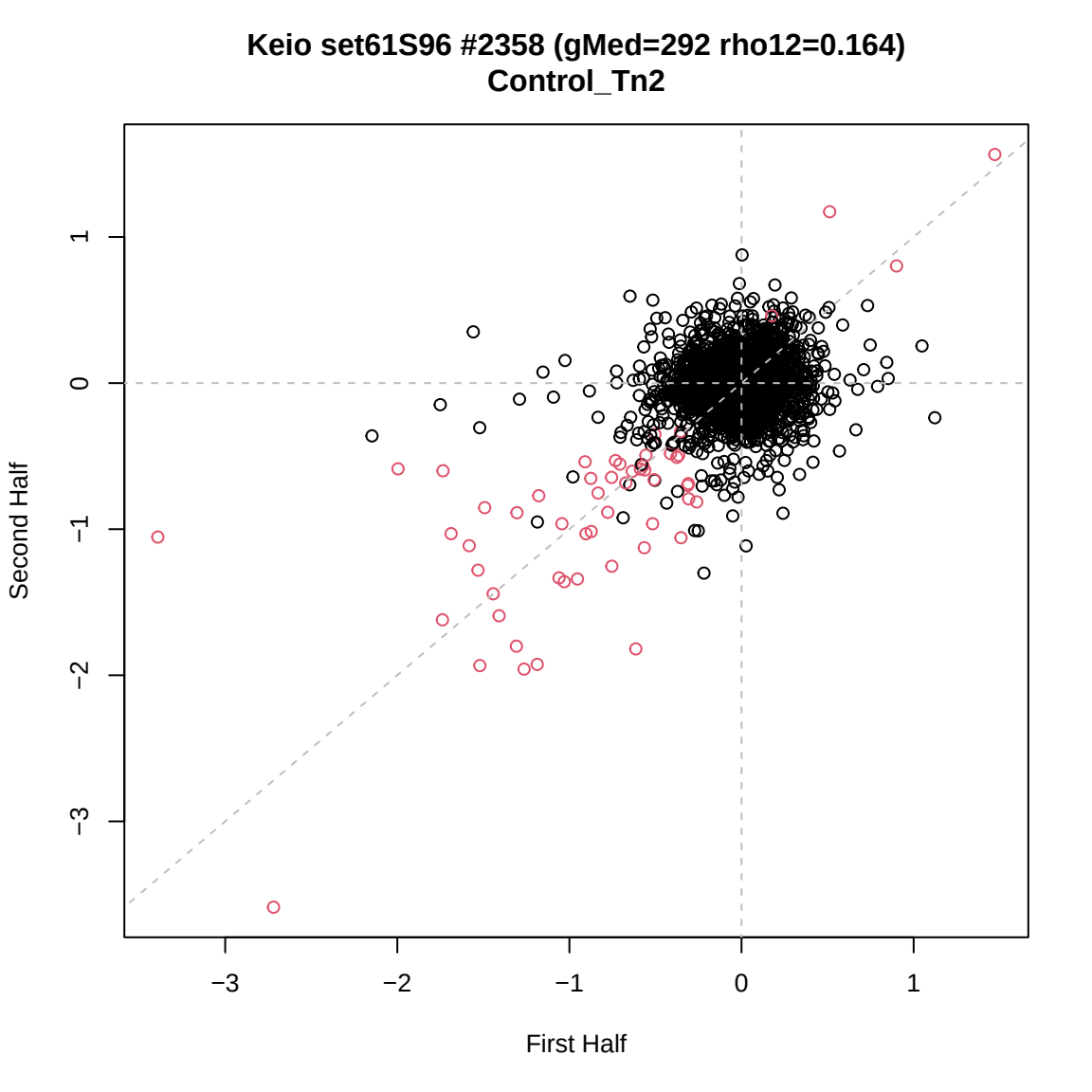

Keio set61S91 #2353 (gMed=0 rho12=0.494)
Bas49
Second Half
First Half
0
5
10
15

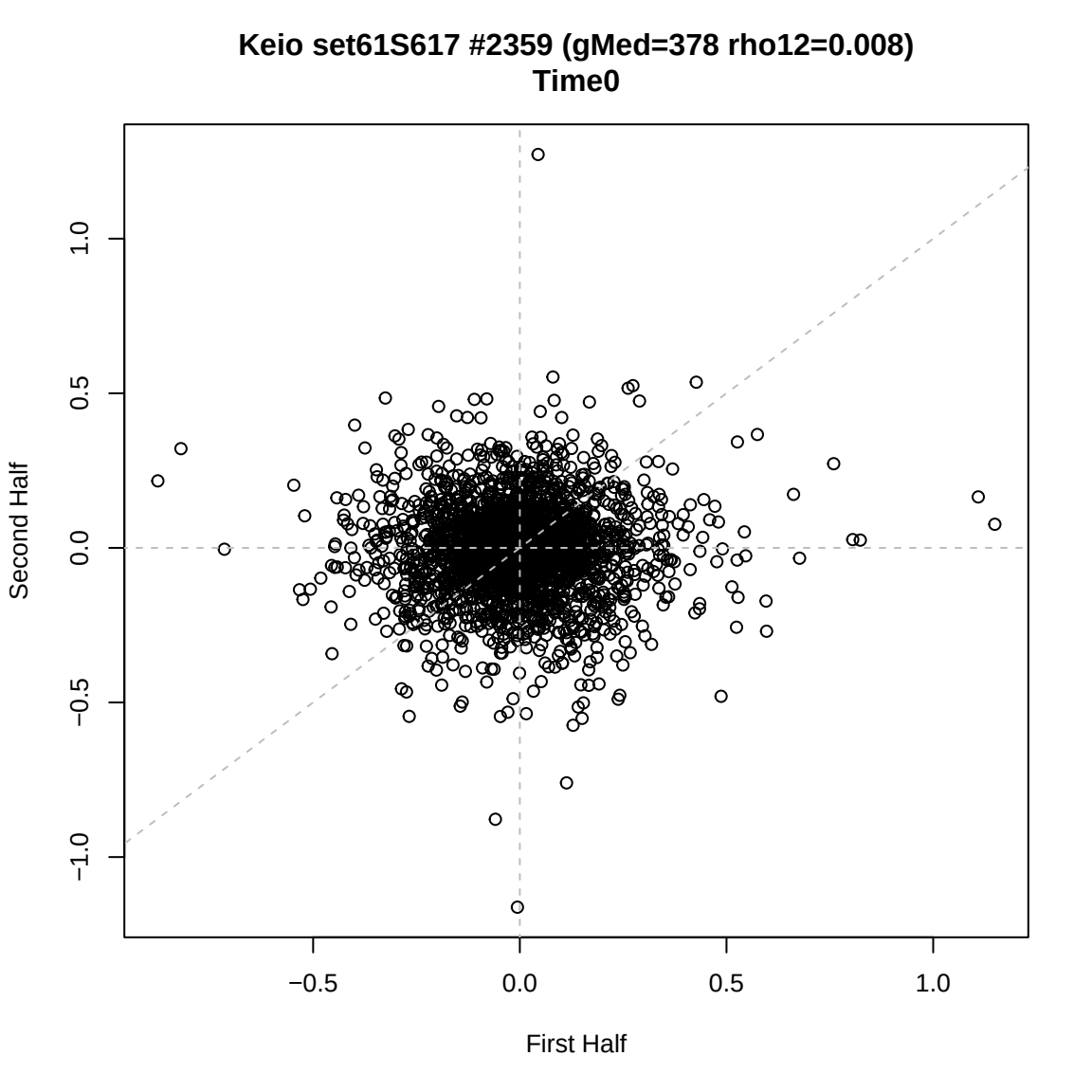

Keio set61S92 #2354 (gMed=0 rho12=0.492)
Bas49
Second Half
First Half
0
5
10
15

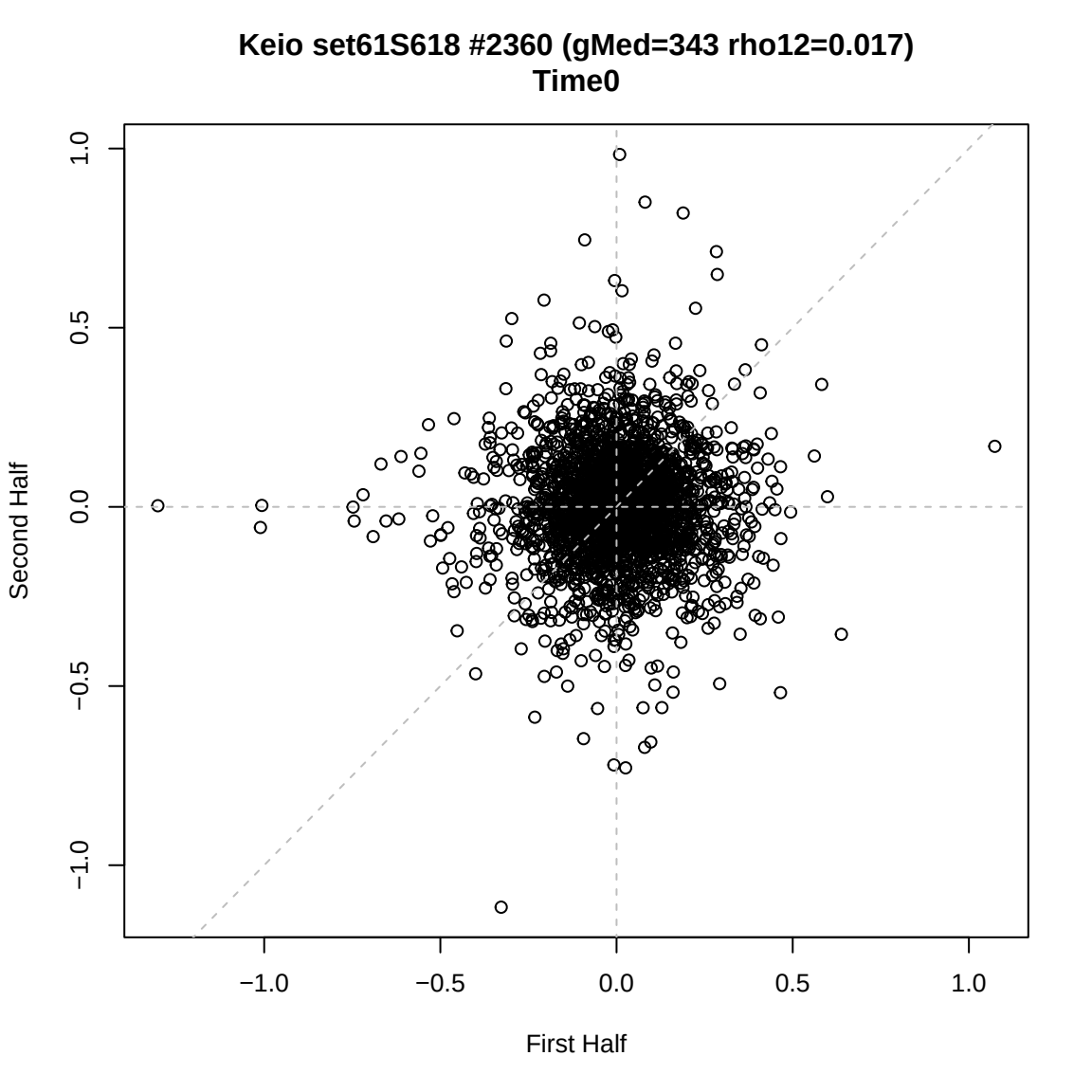

Keio set61S93 #2355 (gMed=0 rho12=0.493)
Bas61
Second Half
First Half
0
5
10
15

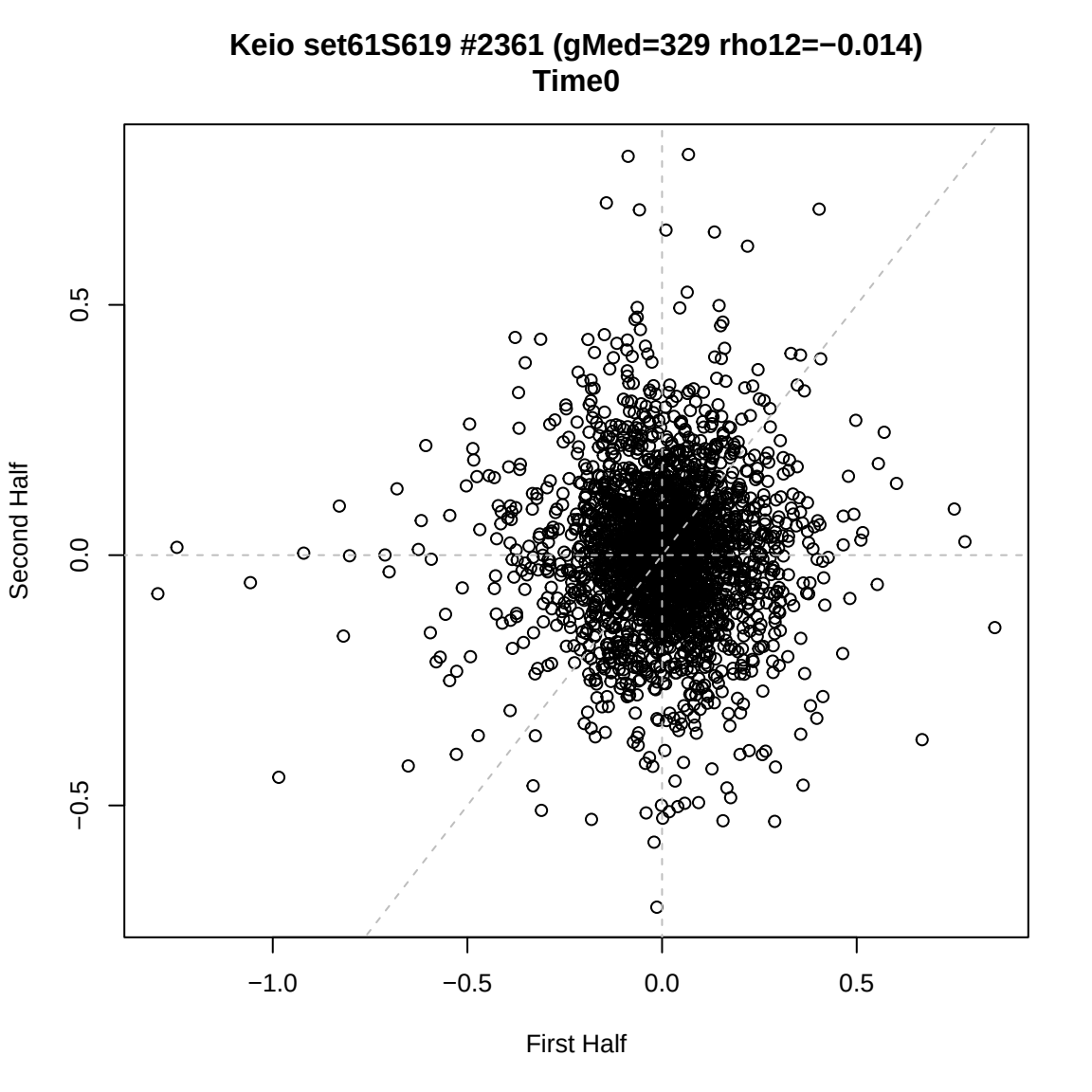

Keio set61S94 #2356 (gMed=0 rho12=0.498)
Bas61
Second Half
First Half
0
5
10
15

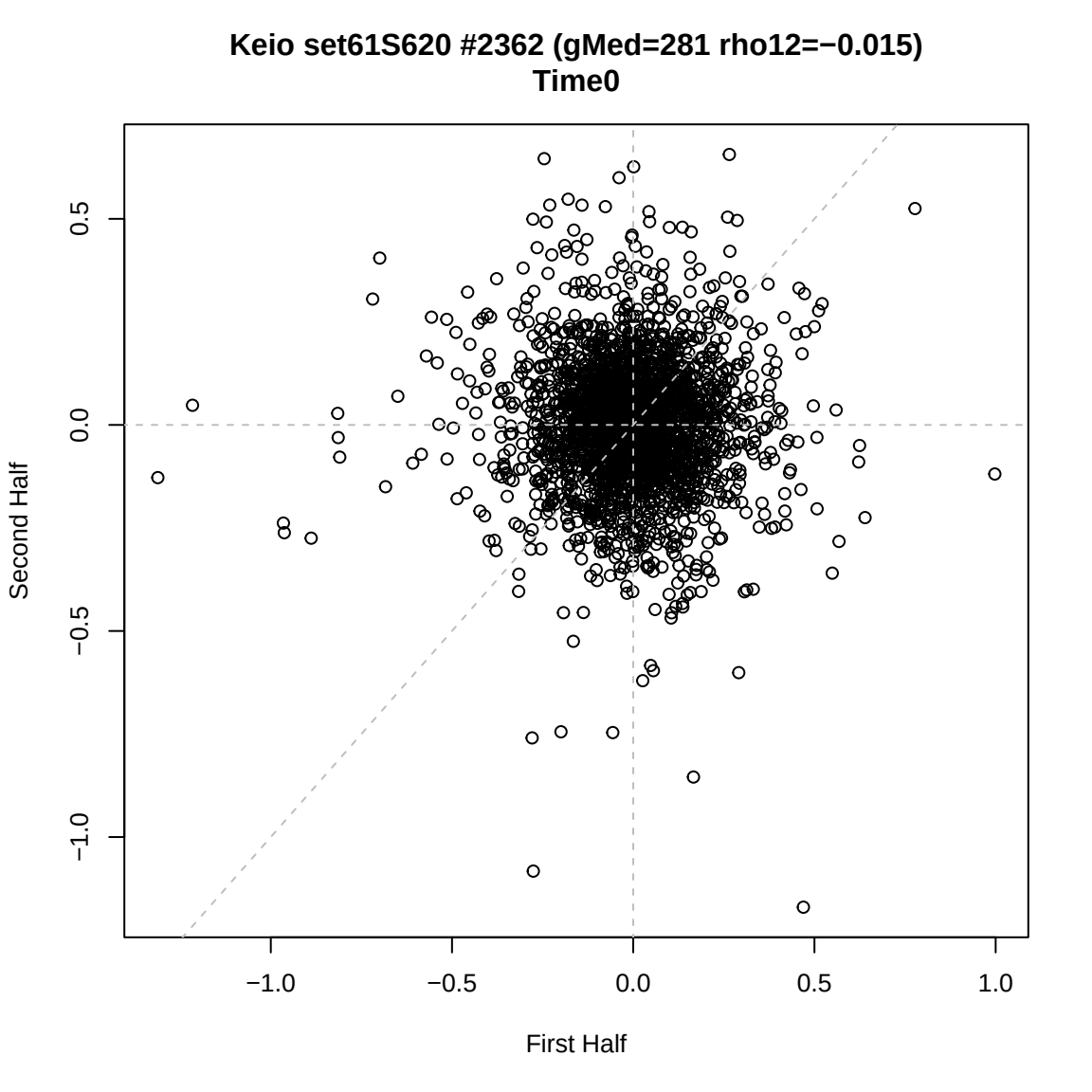

Keio set61S95 #2357 (gMed=293 rho12=0.133)
Control_Tn2
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

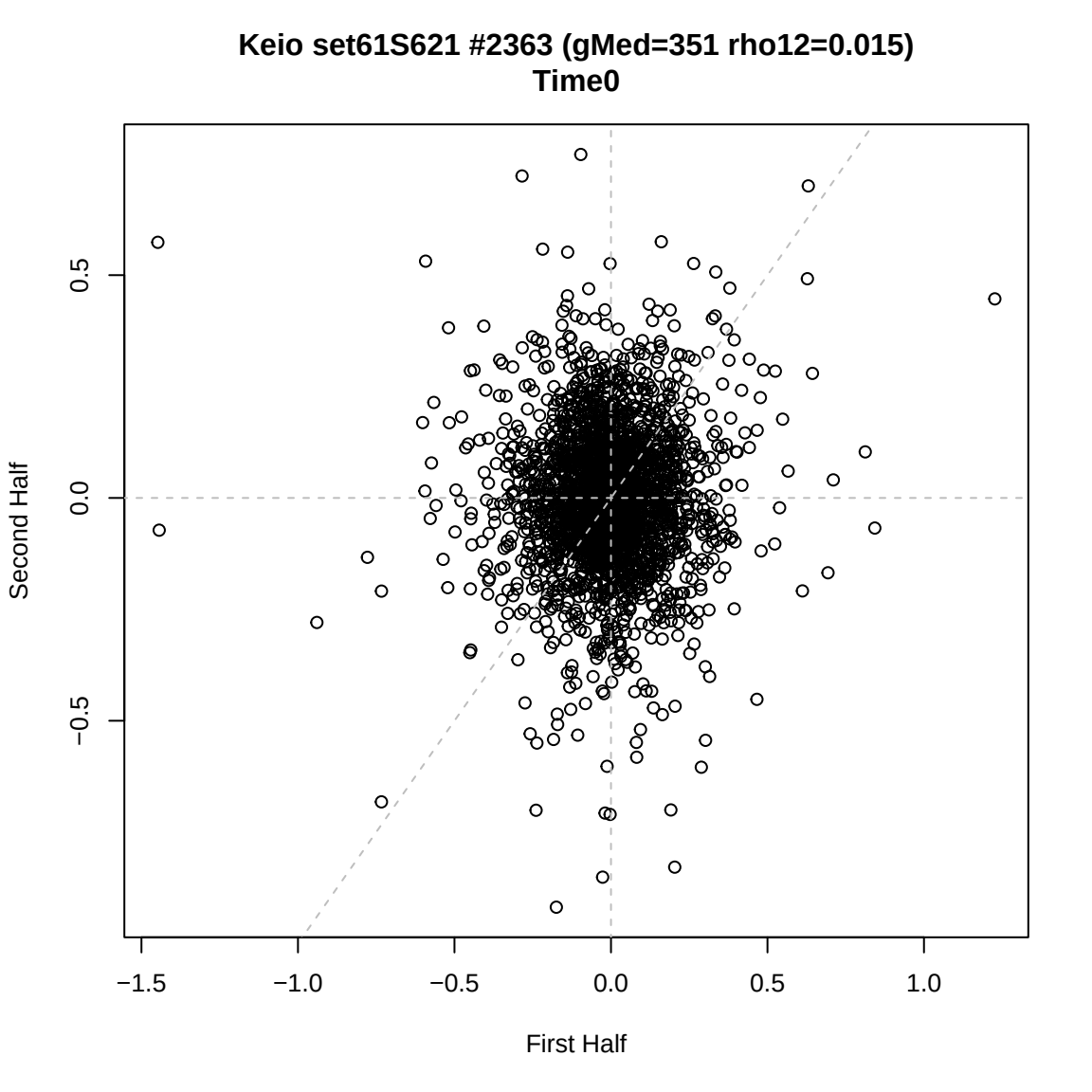

Keio set61S96 #2358 (gMed=292 rho12=0.164)
Control_Tn2
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

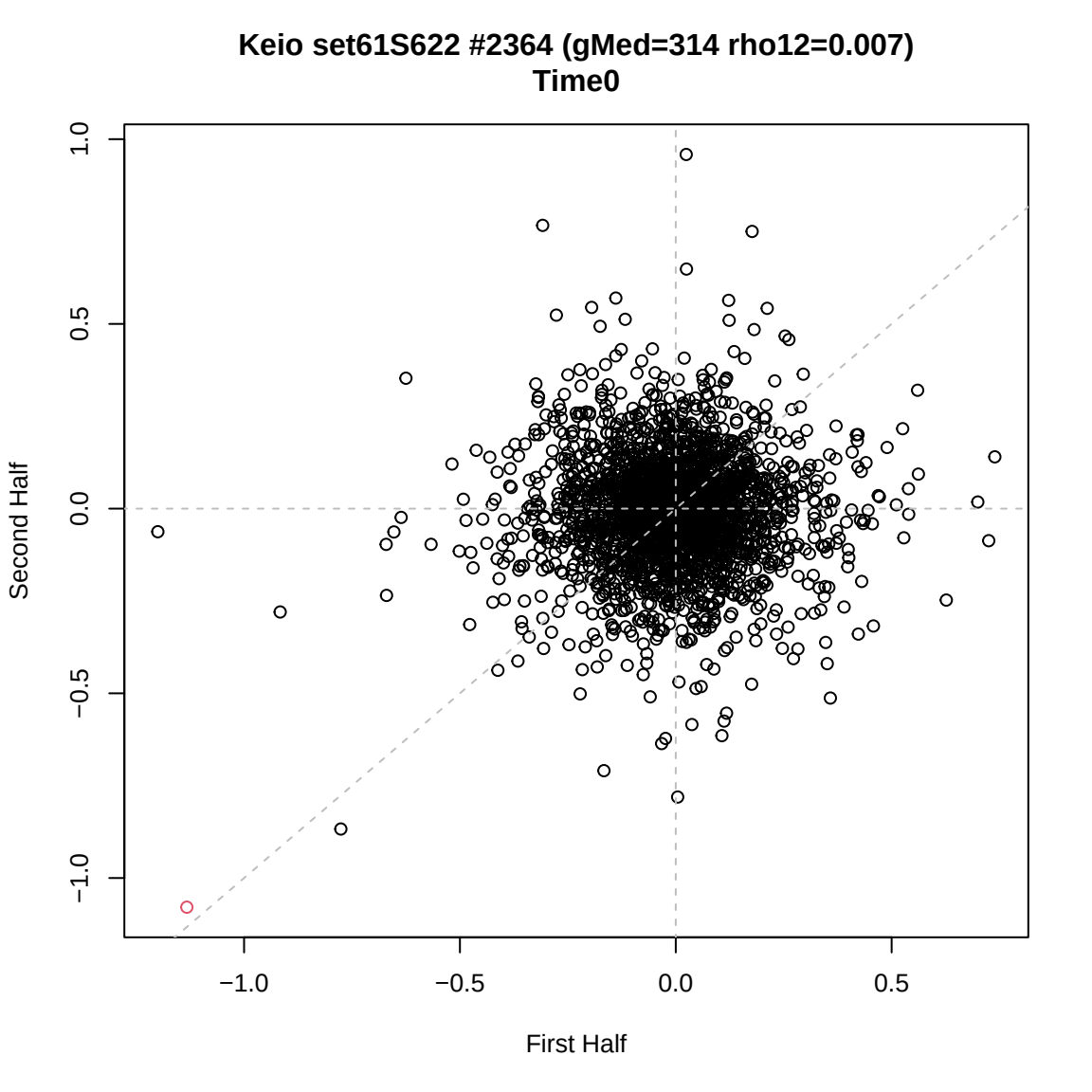

Keio set61S617 #2359 (gMed=378 rho12=0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

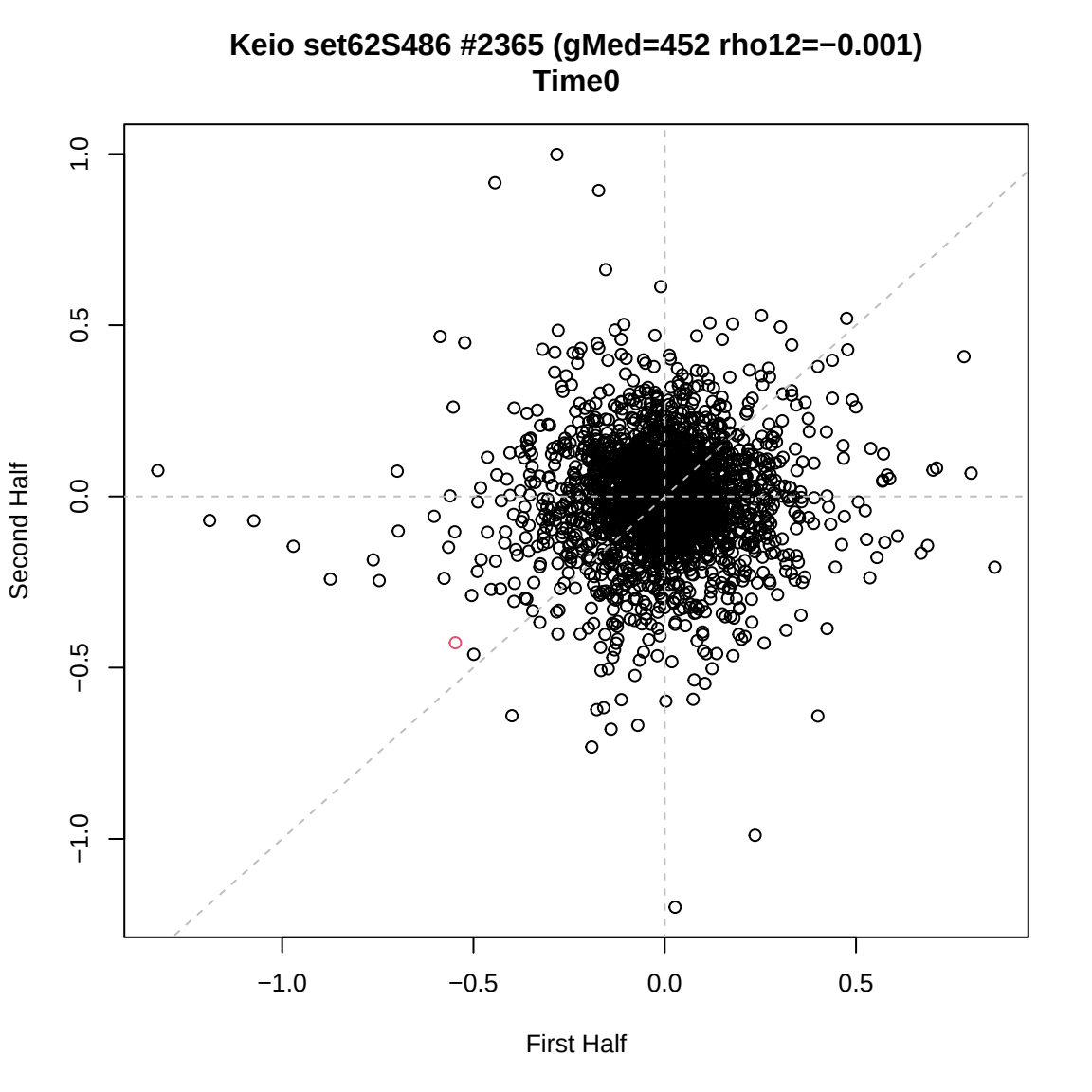

Keio set61S618 #2360 (gMed=343 rho12=0.017)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

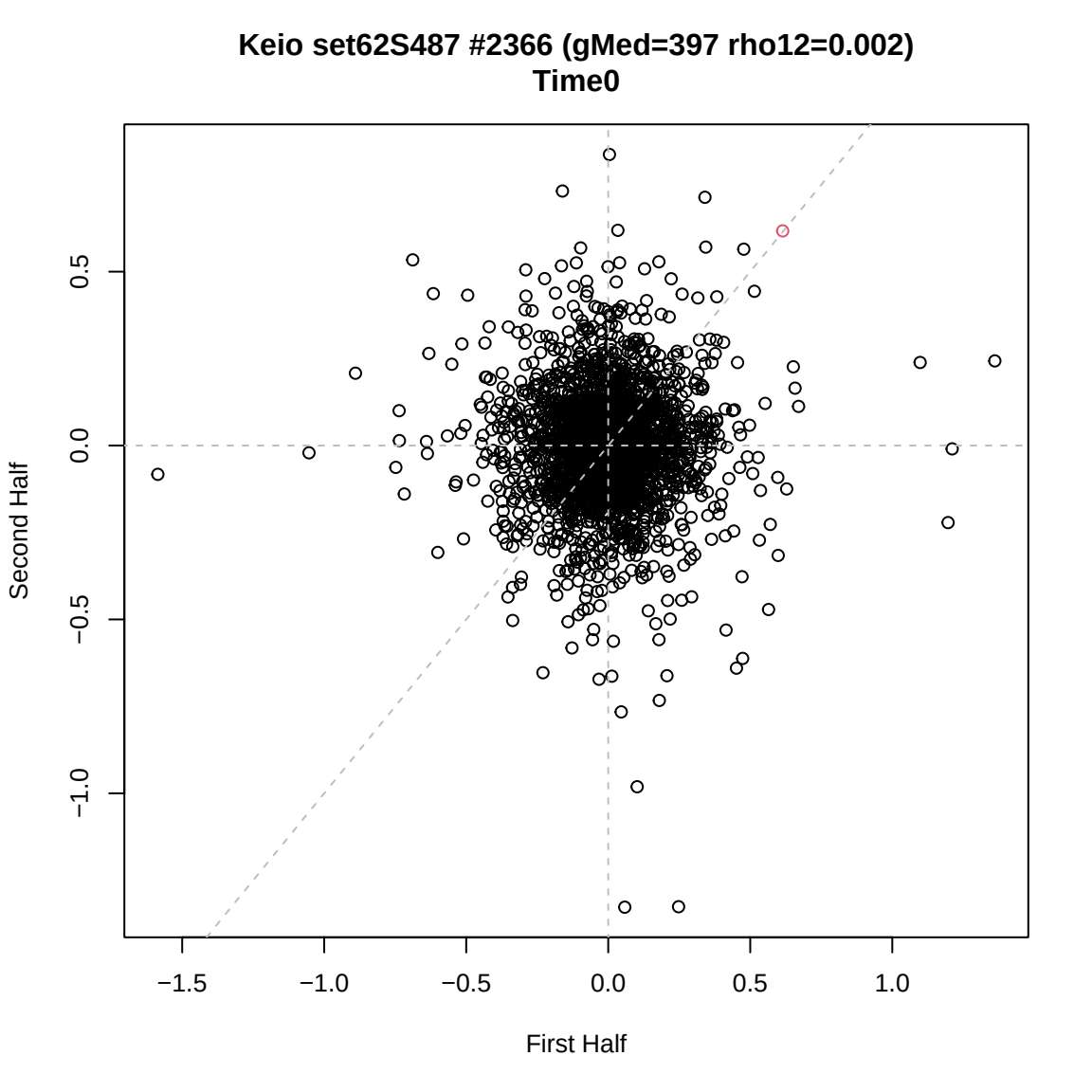

Keio set61S619 #2361 (gMed=329 rho12=−0.014)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5

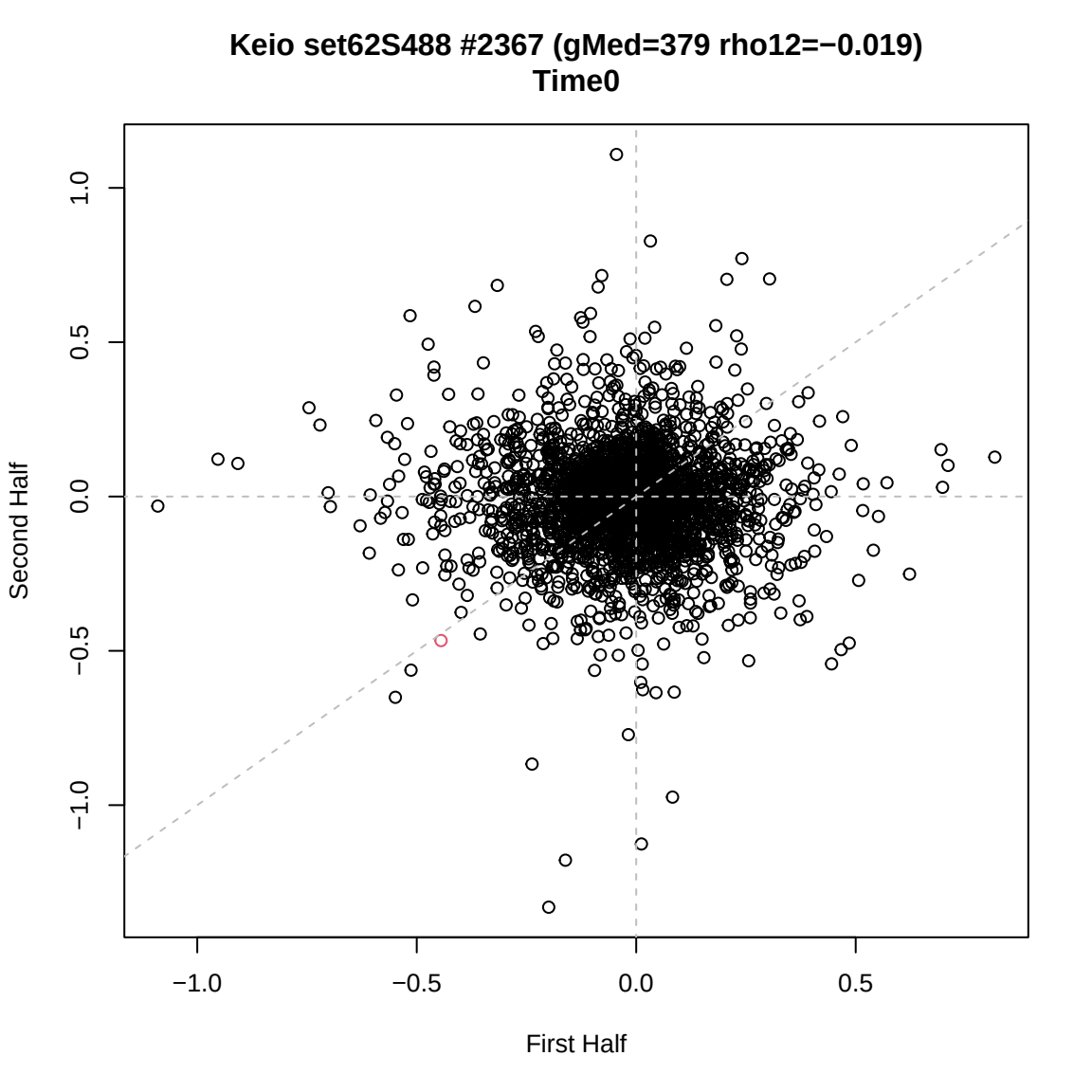

Keio set61S620 #2362 (gMed=281 rho12=−0.015)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

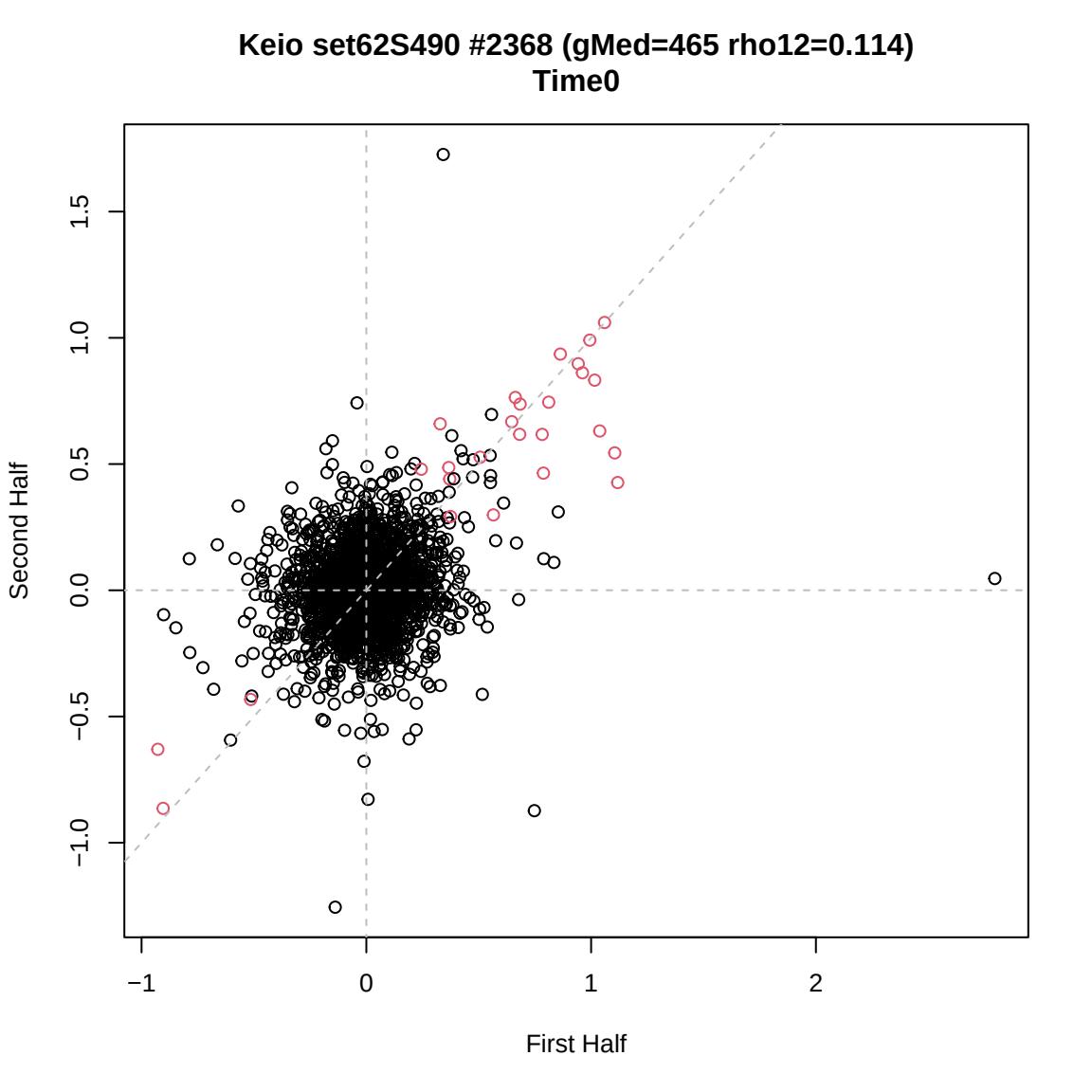

Keio set61S621 #2363 (gMed=351 rho12=0.015)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

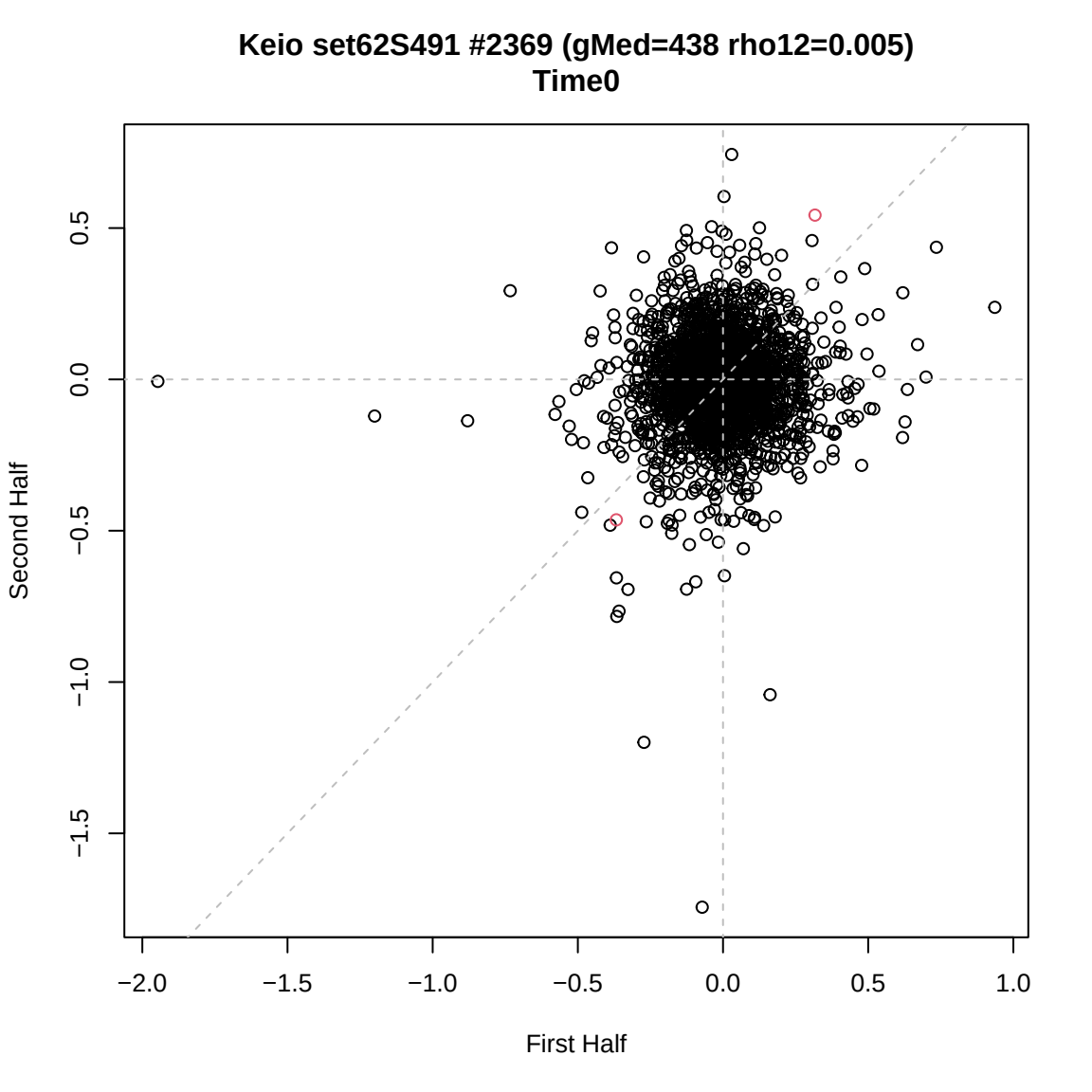

Keio set61S622 #2364 (gMed=314 rho12=0.007)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

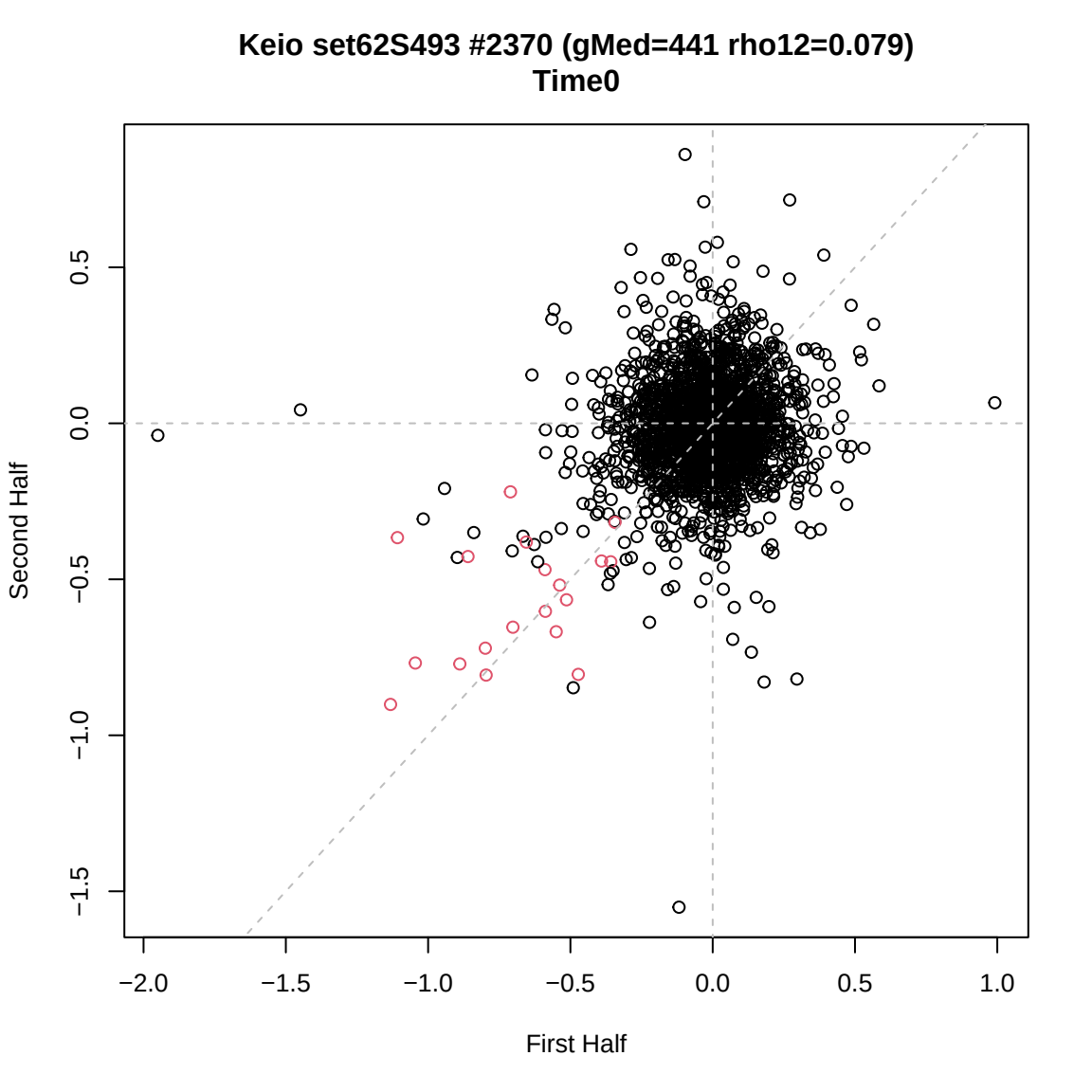

Keio set62S486 #2365 (gMed=452 rho12=−0.001)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

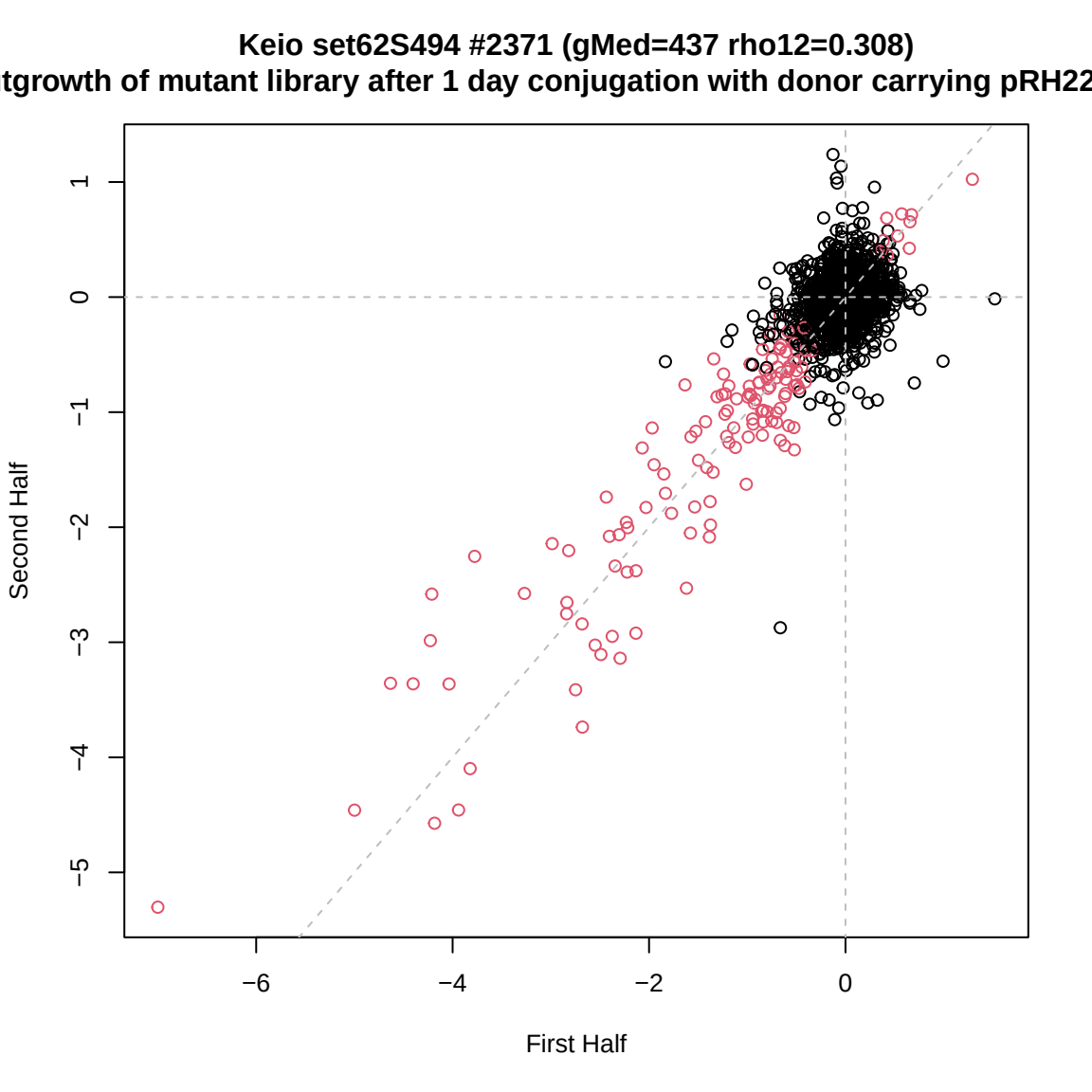

Keio set62S487 #2366 (gMed=397 rho12=0.002)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

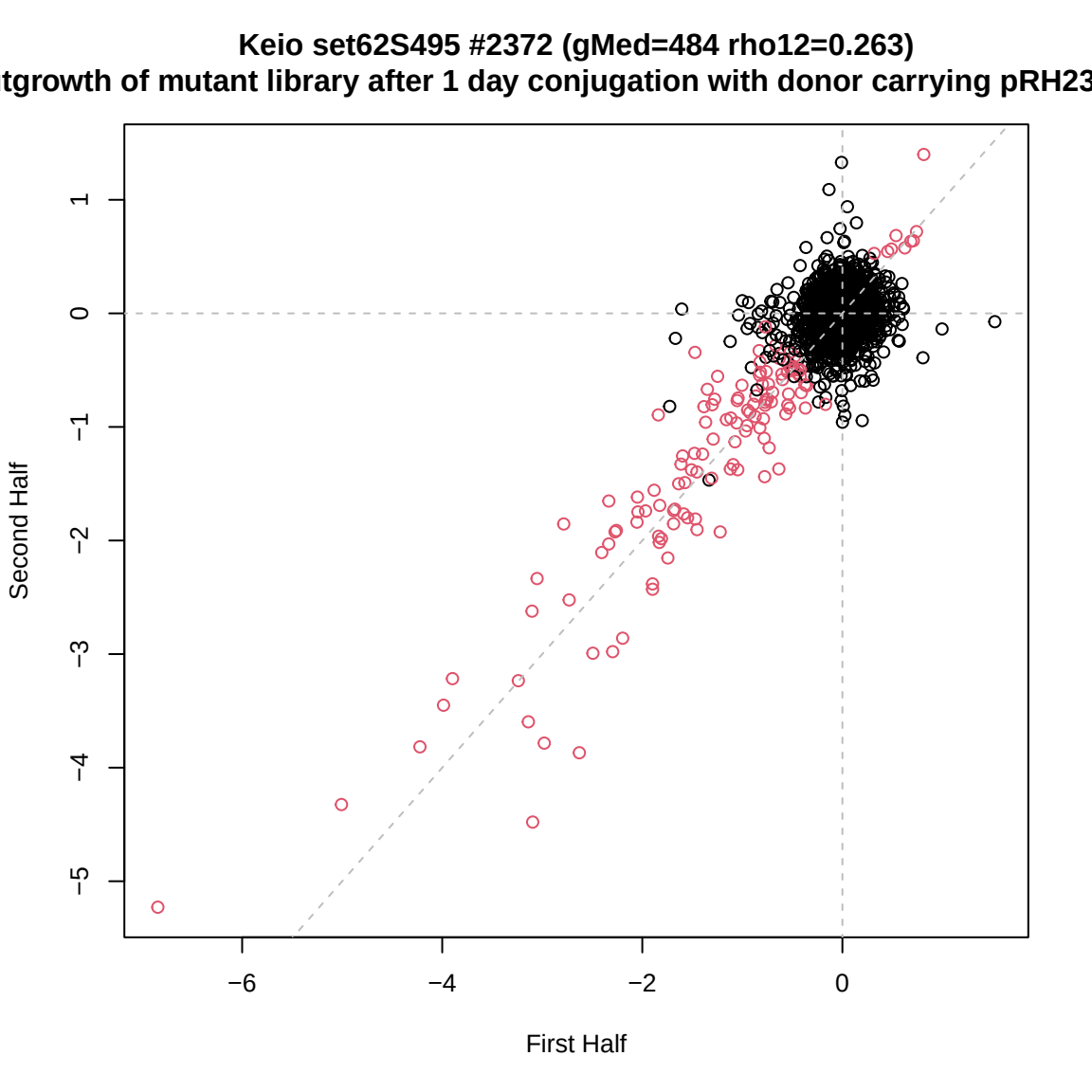

Keio set62S488 #2367 (gMed=379 rho12=−0.019)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

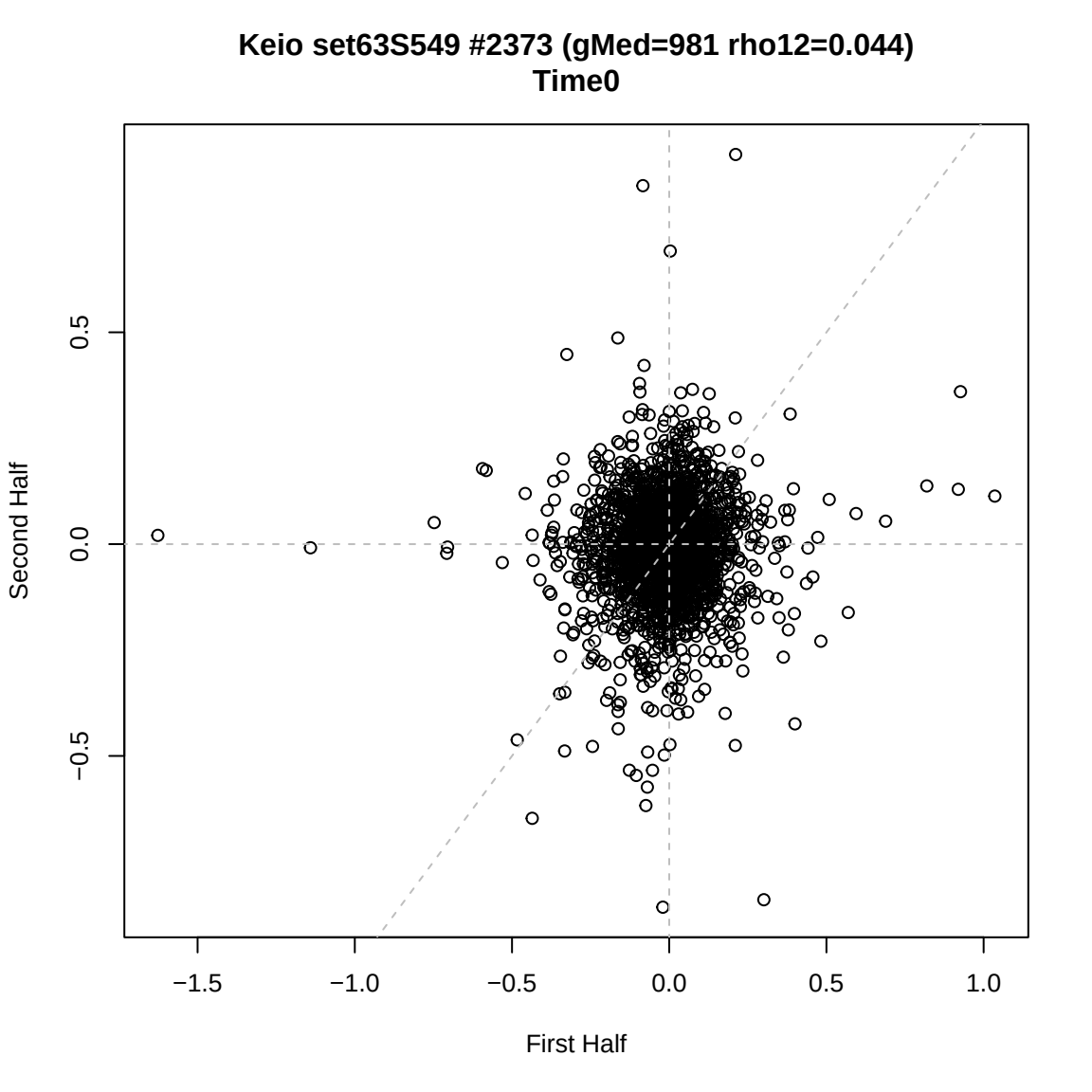

Keio set62S490 #2368 (gMed=465 rho12=0.114)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2

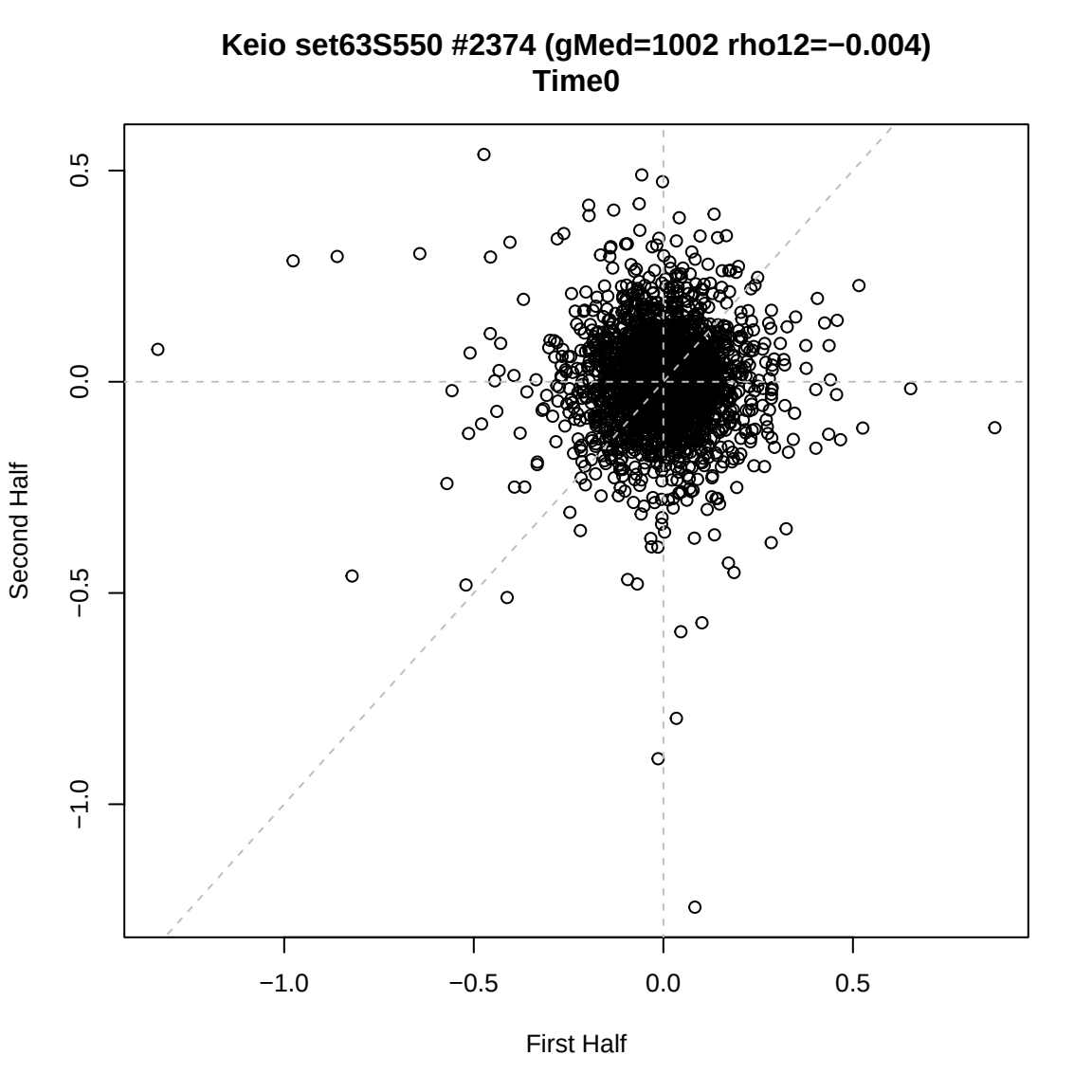

Keio set62S491 #2369 (gMed=438 rho12=0.005)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

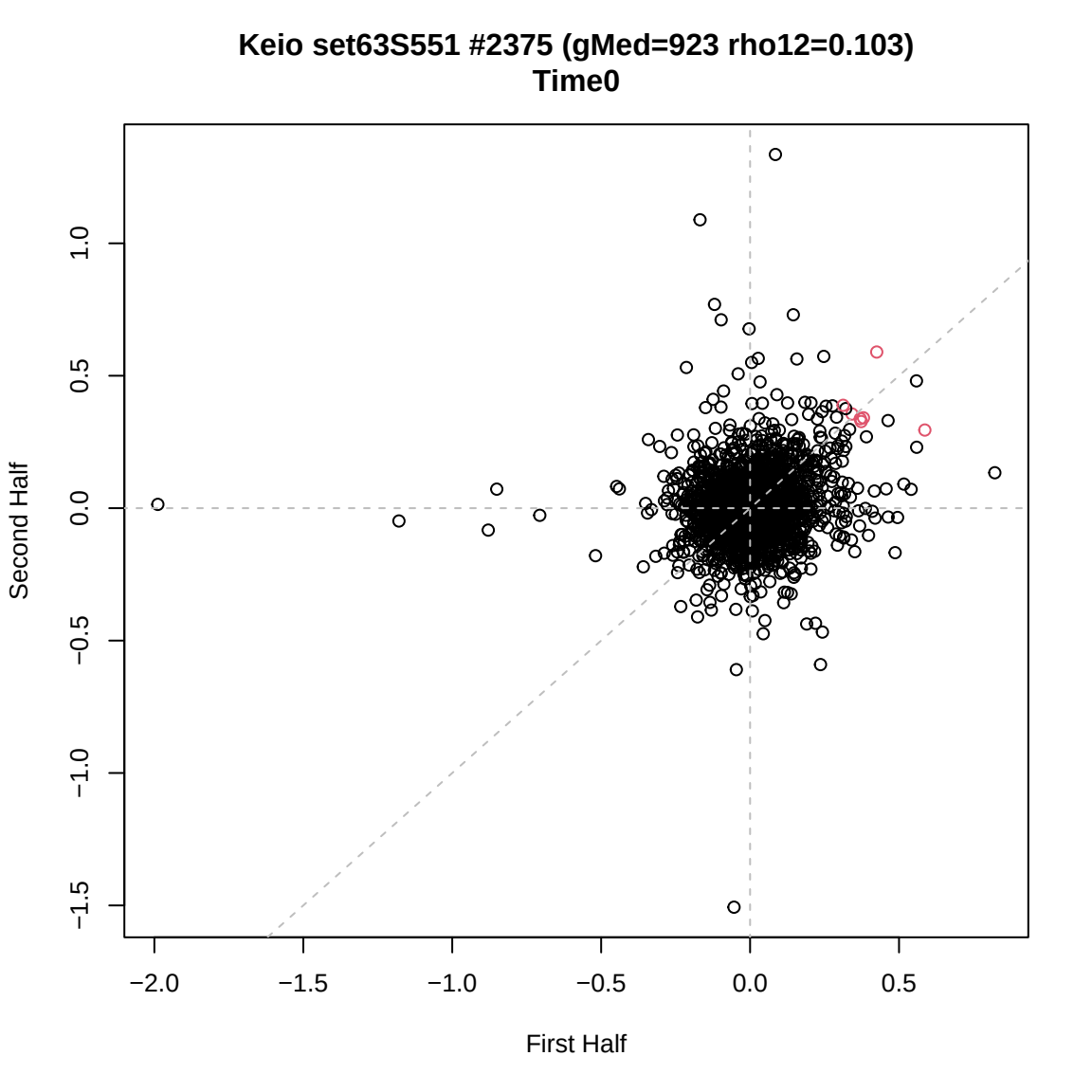

Keio set62S493 #2370 (gMed=441 rho12=0.079)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

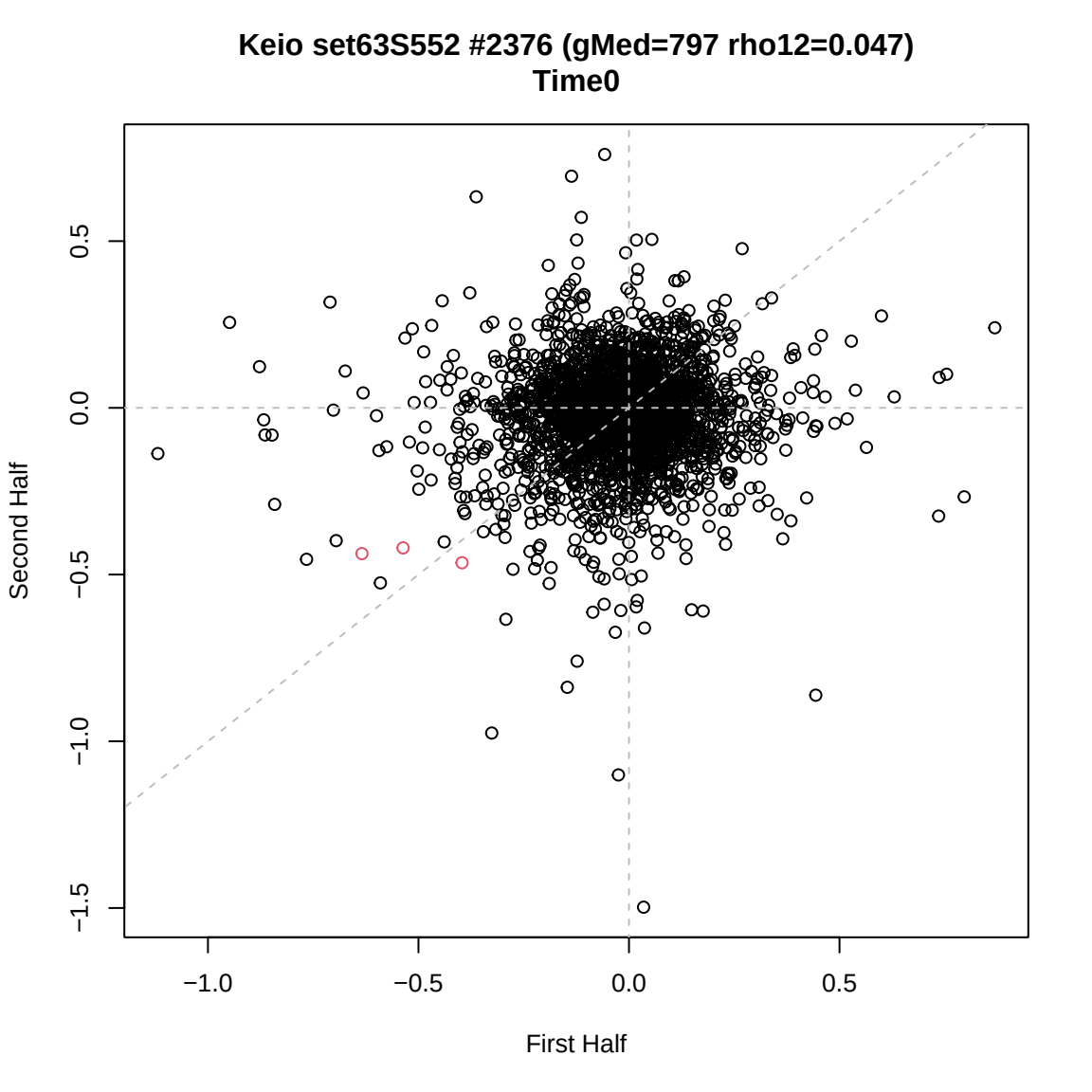

Keio set62S494 #2371 (gMed=437 rho12=0.308)
tgrowth of mutant library after 1 day conjugation with donor carrying pRH22
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

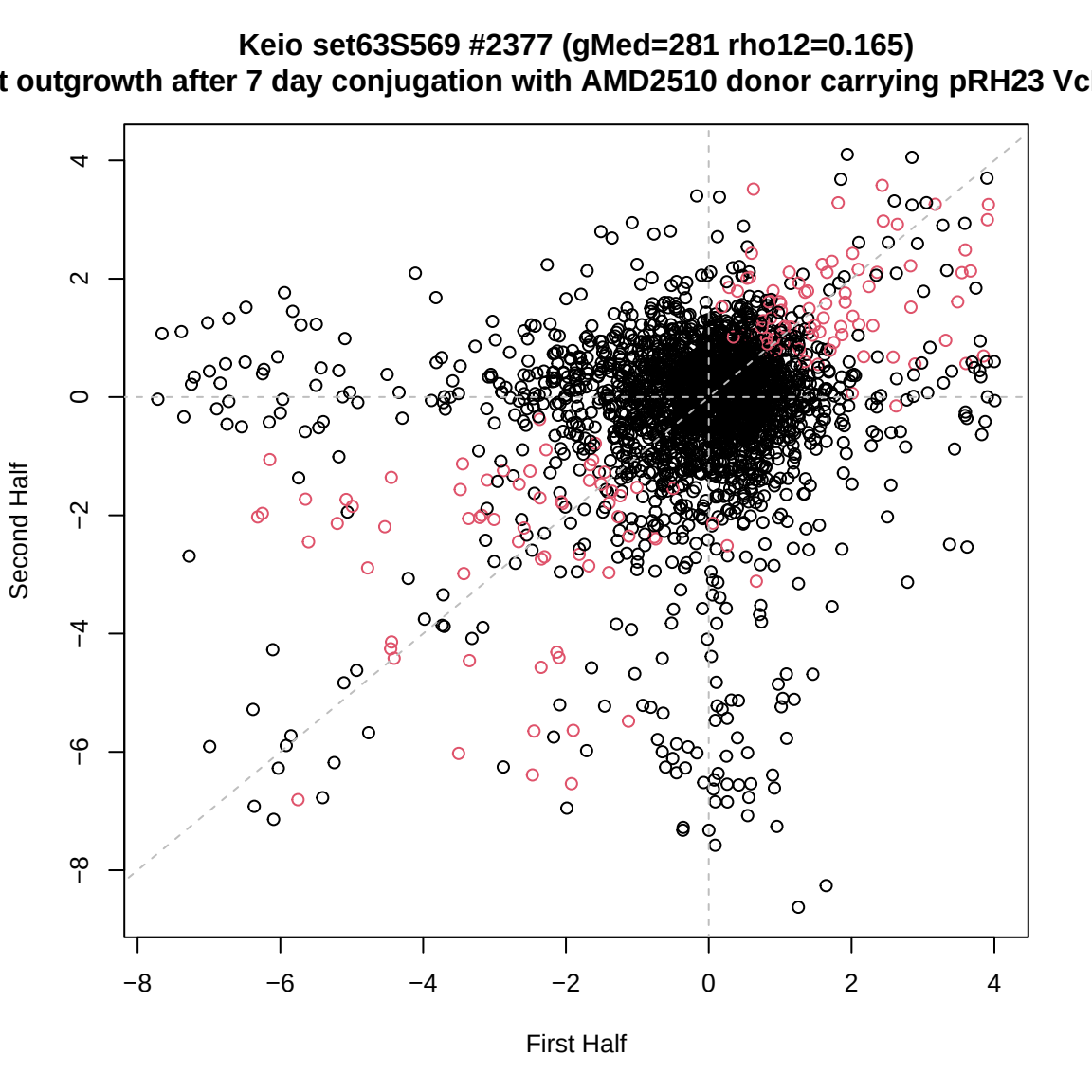

Keio set62S495 #2372 (gMed=484 rho12=0.263)
tgrowth of mutant library after 1 day conjugation with donor carrying pRH23
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

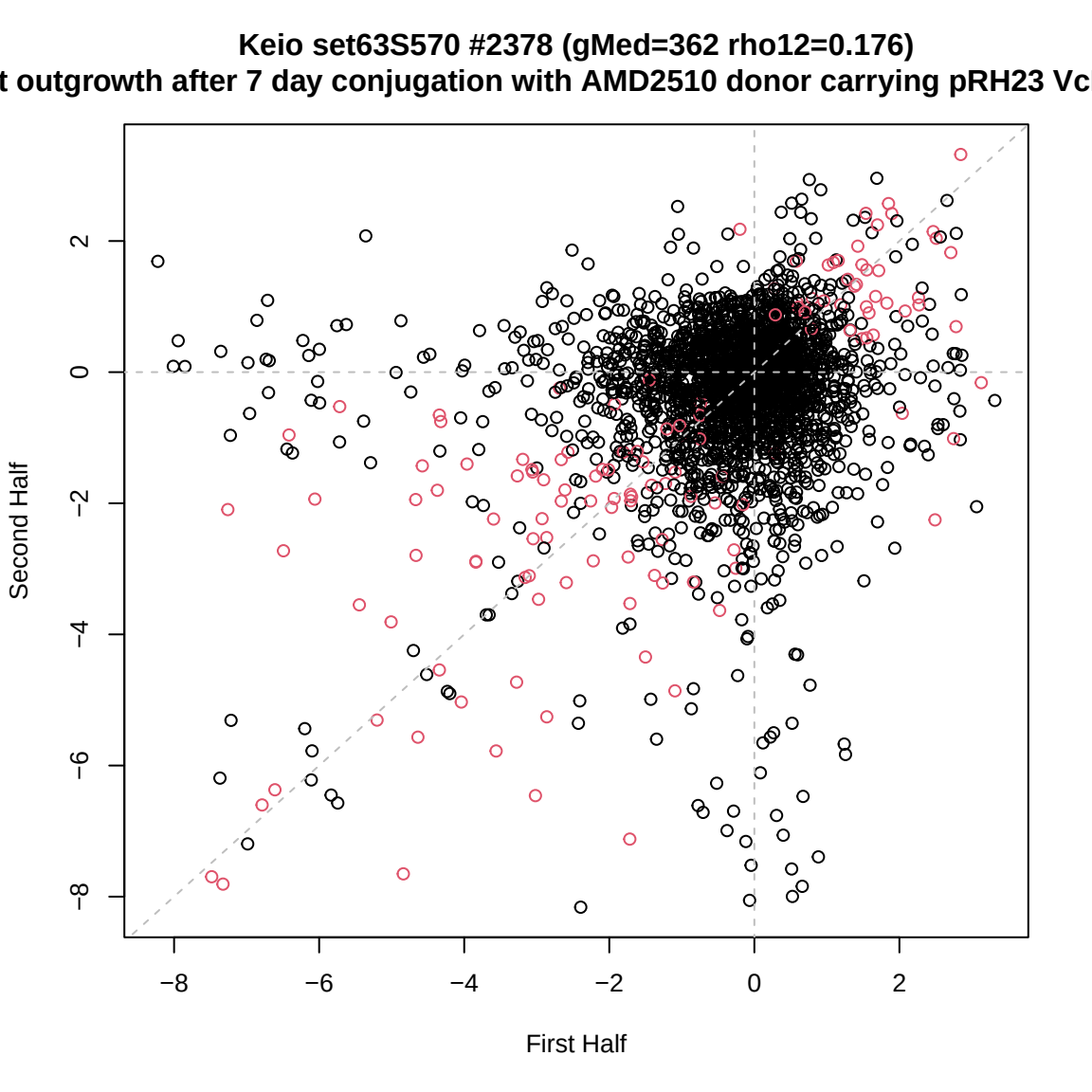

Keio set63S549 #2373 (gMed=981 rho12=0.044)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

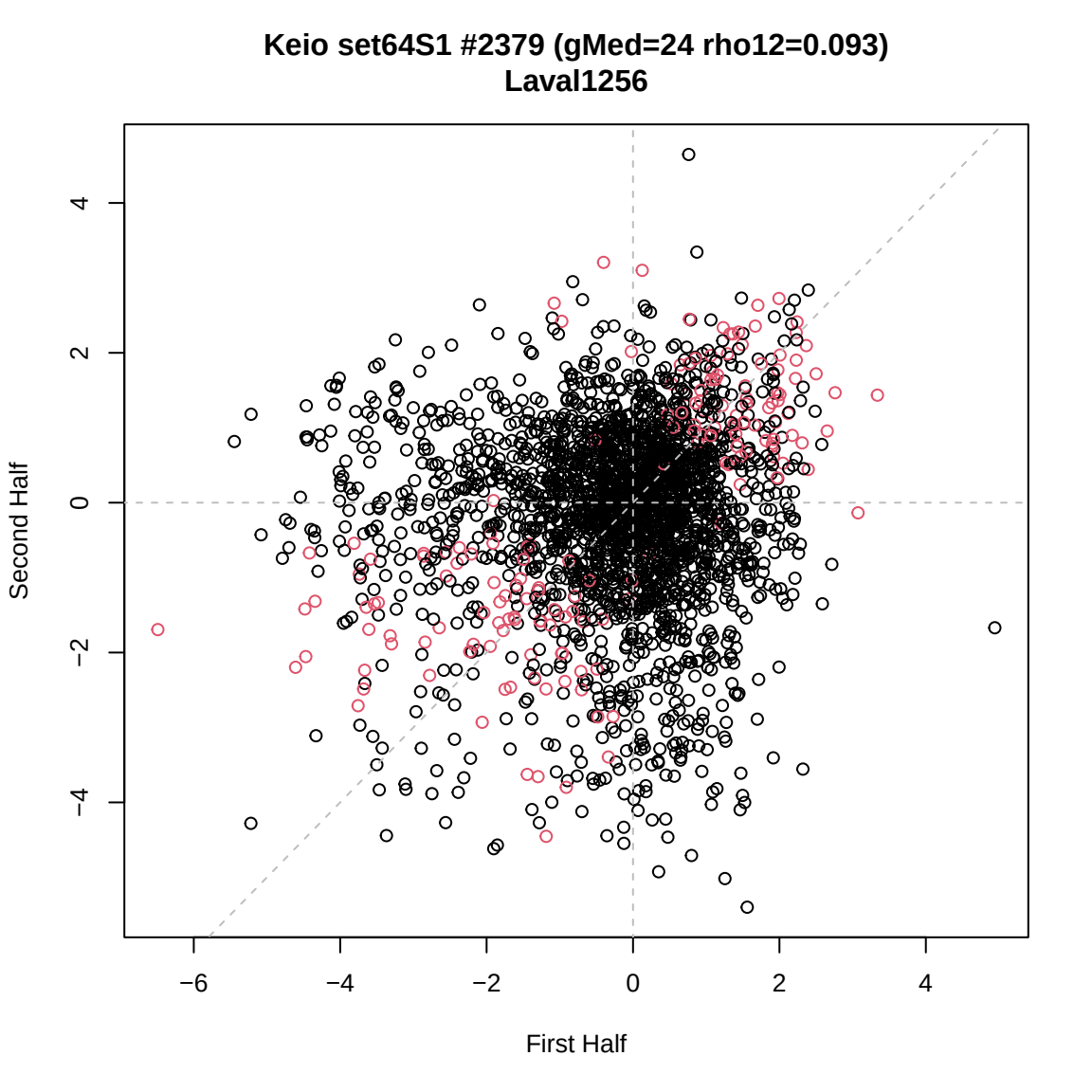

Keio set63S550 #2374 (gMed=1002 rho12=−0.004)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

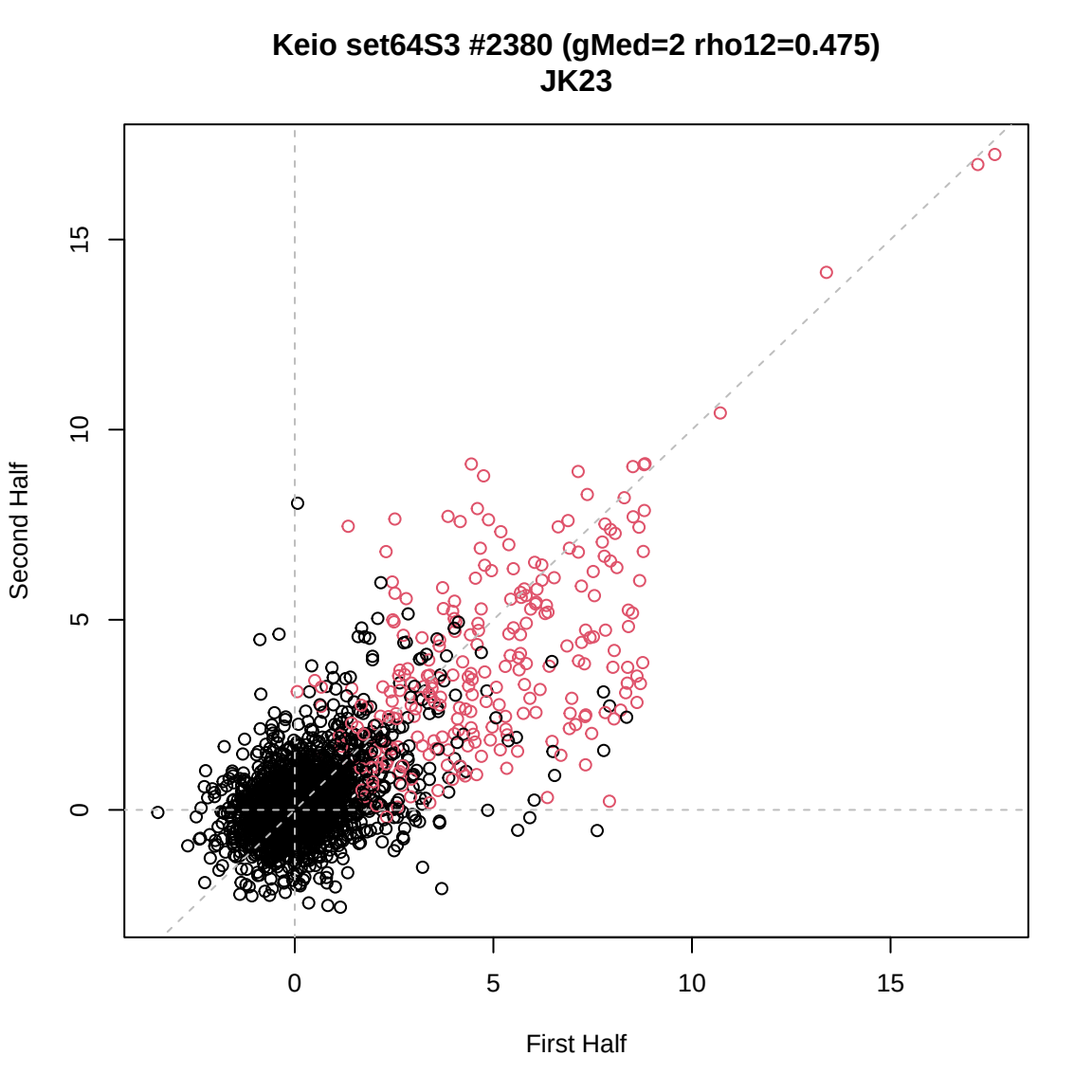

Keio set63S551 #2375 (gMed=923 rho12=0.103)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5

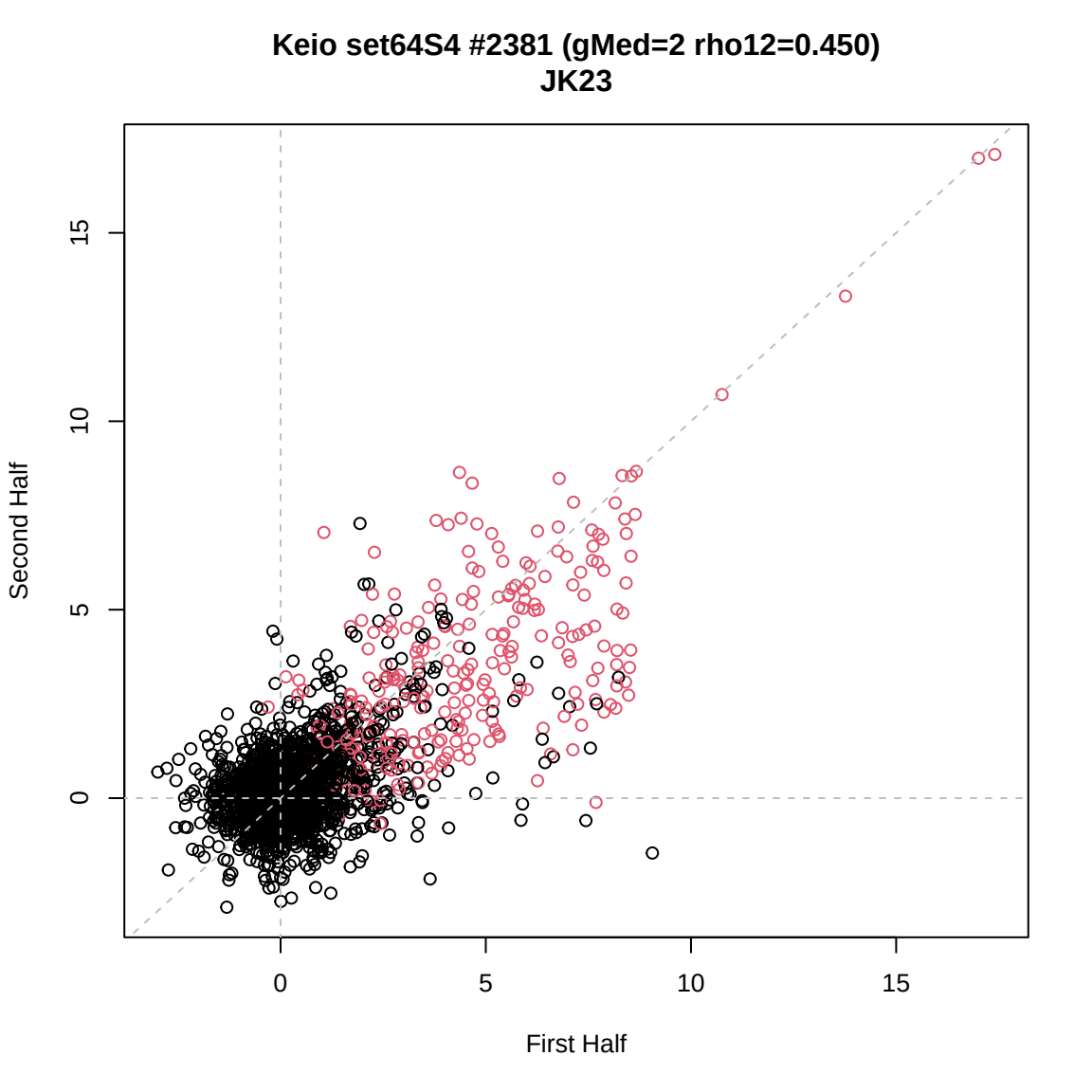

Keio set63S552 #2376 (gMed=797 rho12=0.047)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

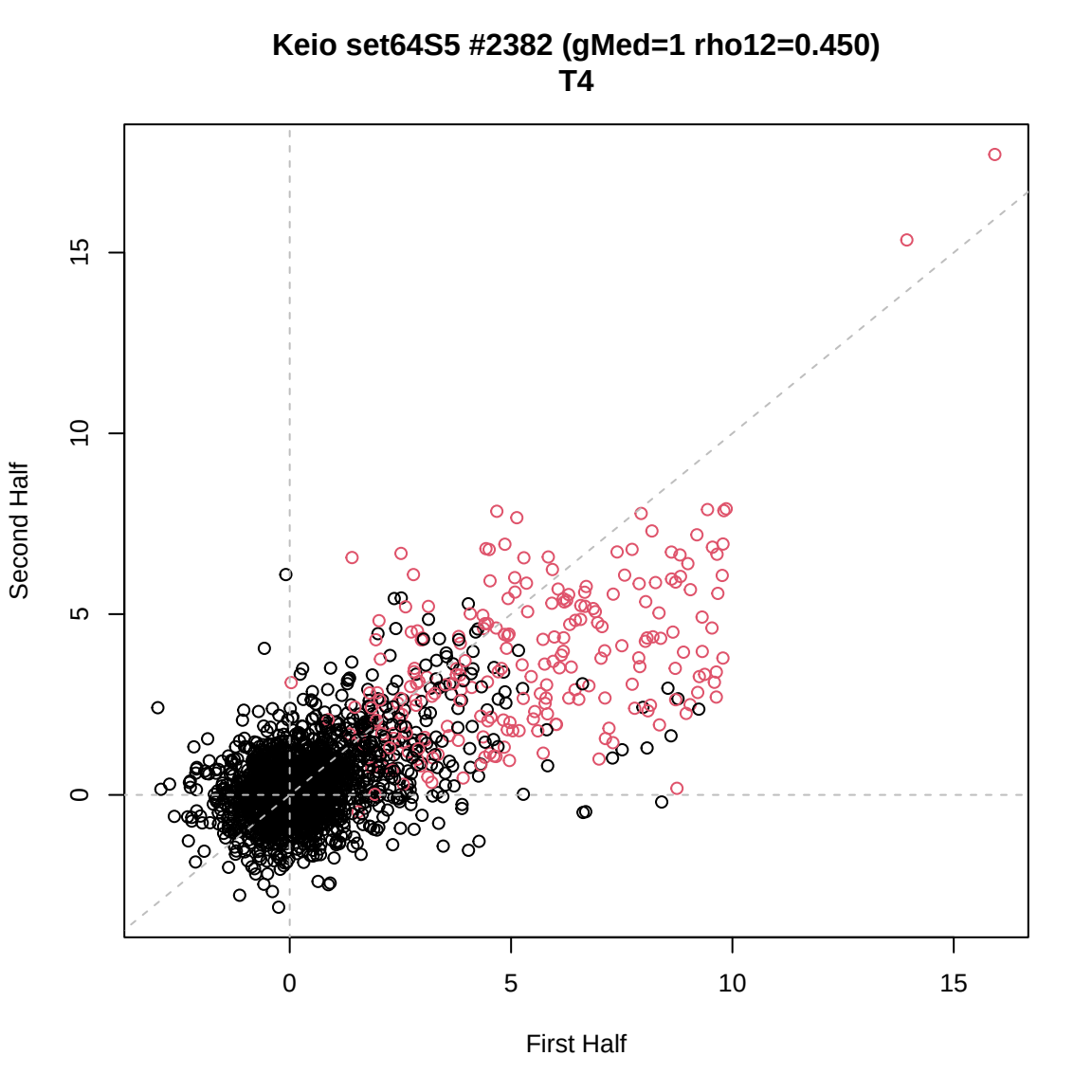

Keio set63S569 #2377 (gMed=281 rho12=0.165)
t outgrowth after 7 day conjugation with AMD2510 donor carrying pRH23 Vc
Second Half
First Half
4
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

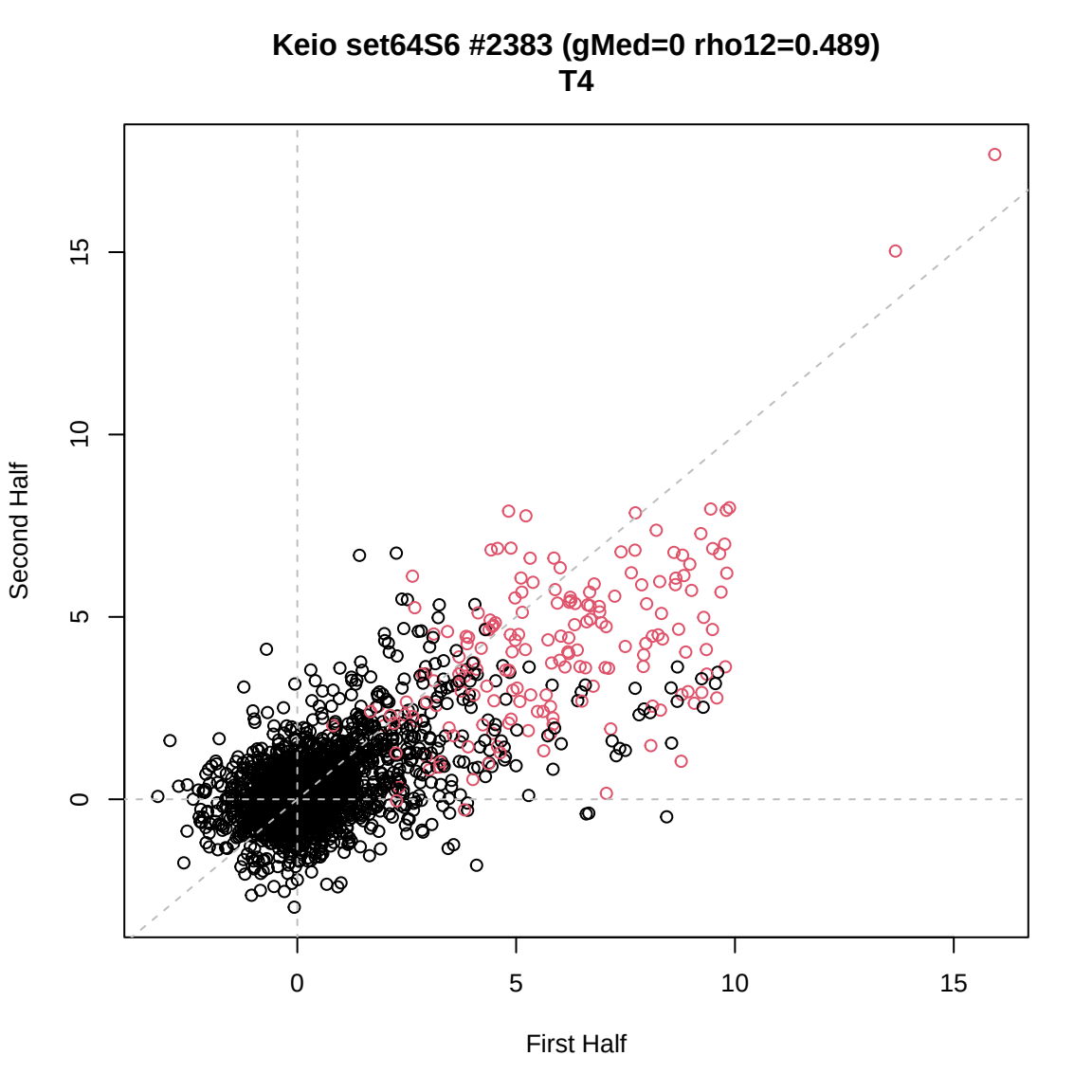

Keio set63S570 #2378 (gMed=362 rho12=0.176)
t outgrowth after 7 day conjugation with AMD2510 donor carrying pRH23 Vc
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

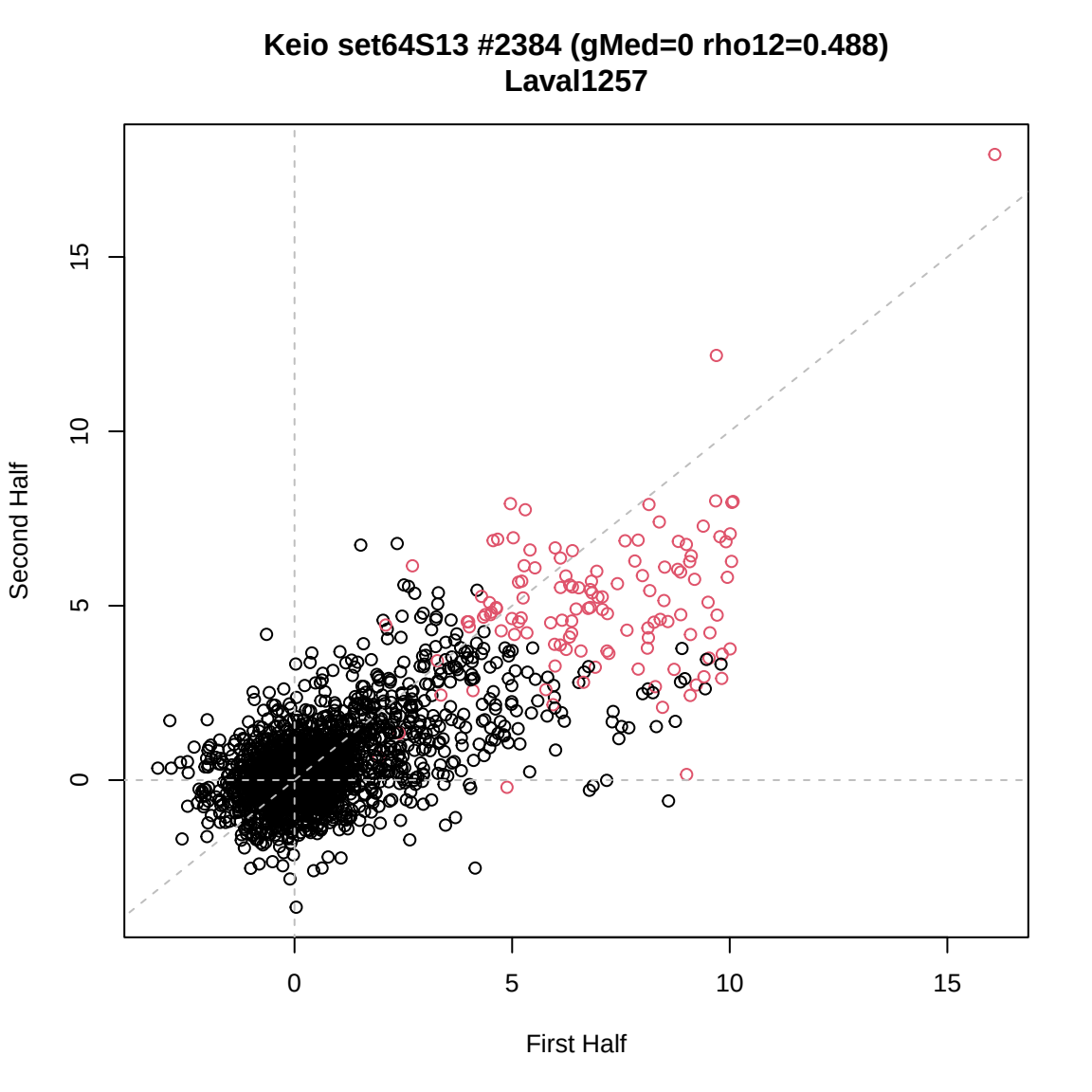

Keio set64S1 #2379 (gMed=24 rho12=0.093)
Laval1256
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

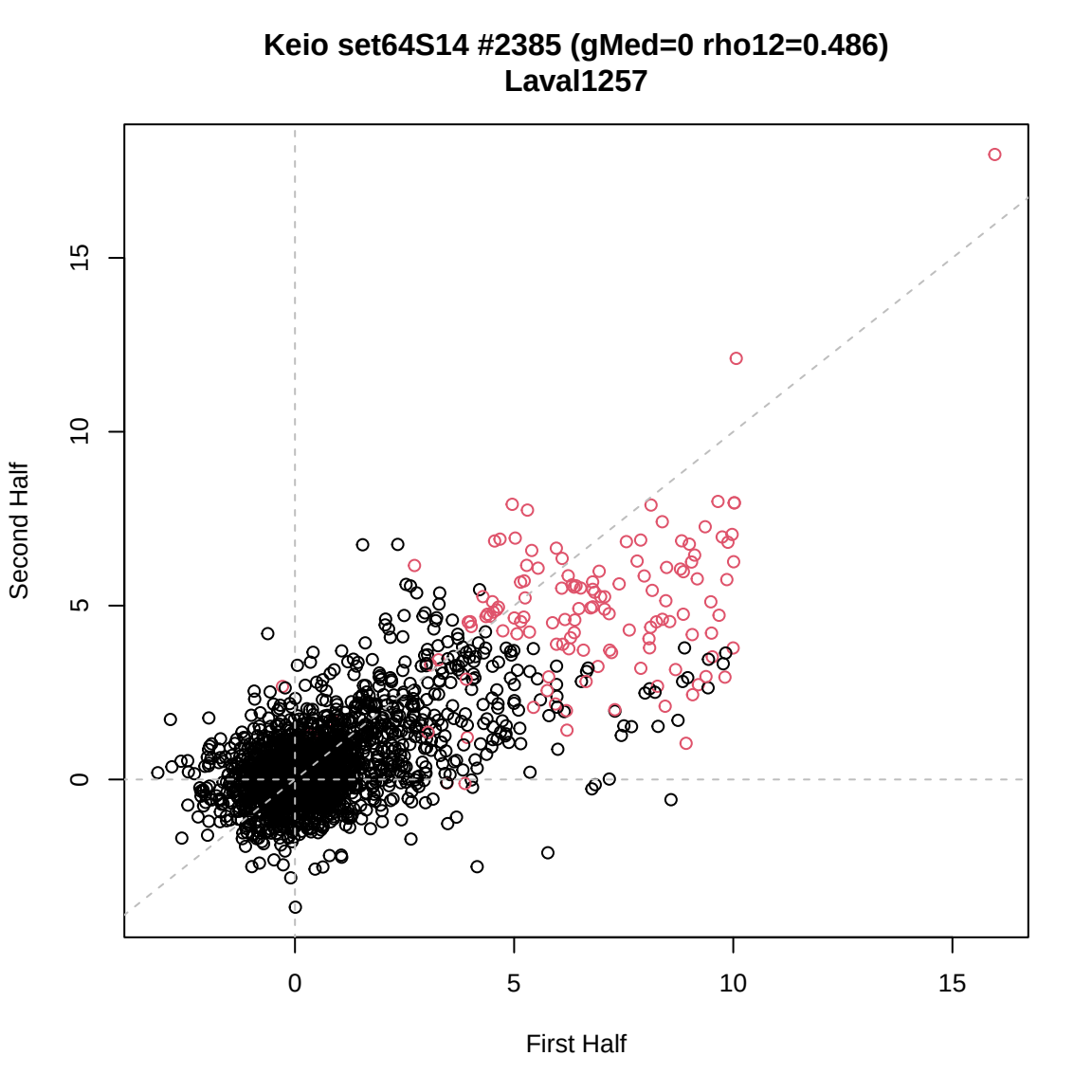

Keio set64S3 #2380 (gMed=2 rho12=0.475)
JK23
Second Half
First Half
0
5
10
15

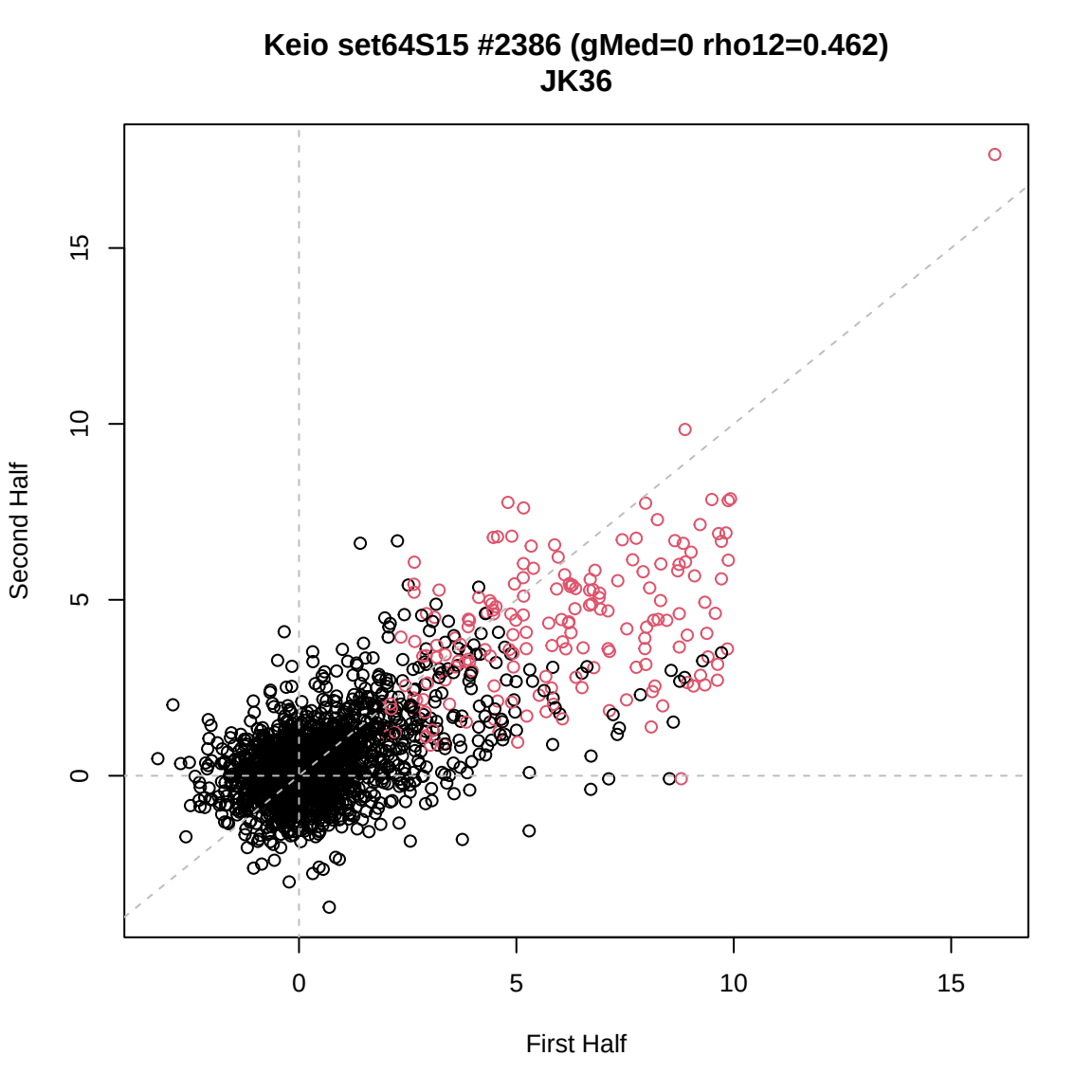

Keio set64S4 #2381 (gMed=2 rho12=0.450)
JK23
Second Half
First Half
0
5
10
15

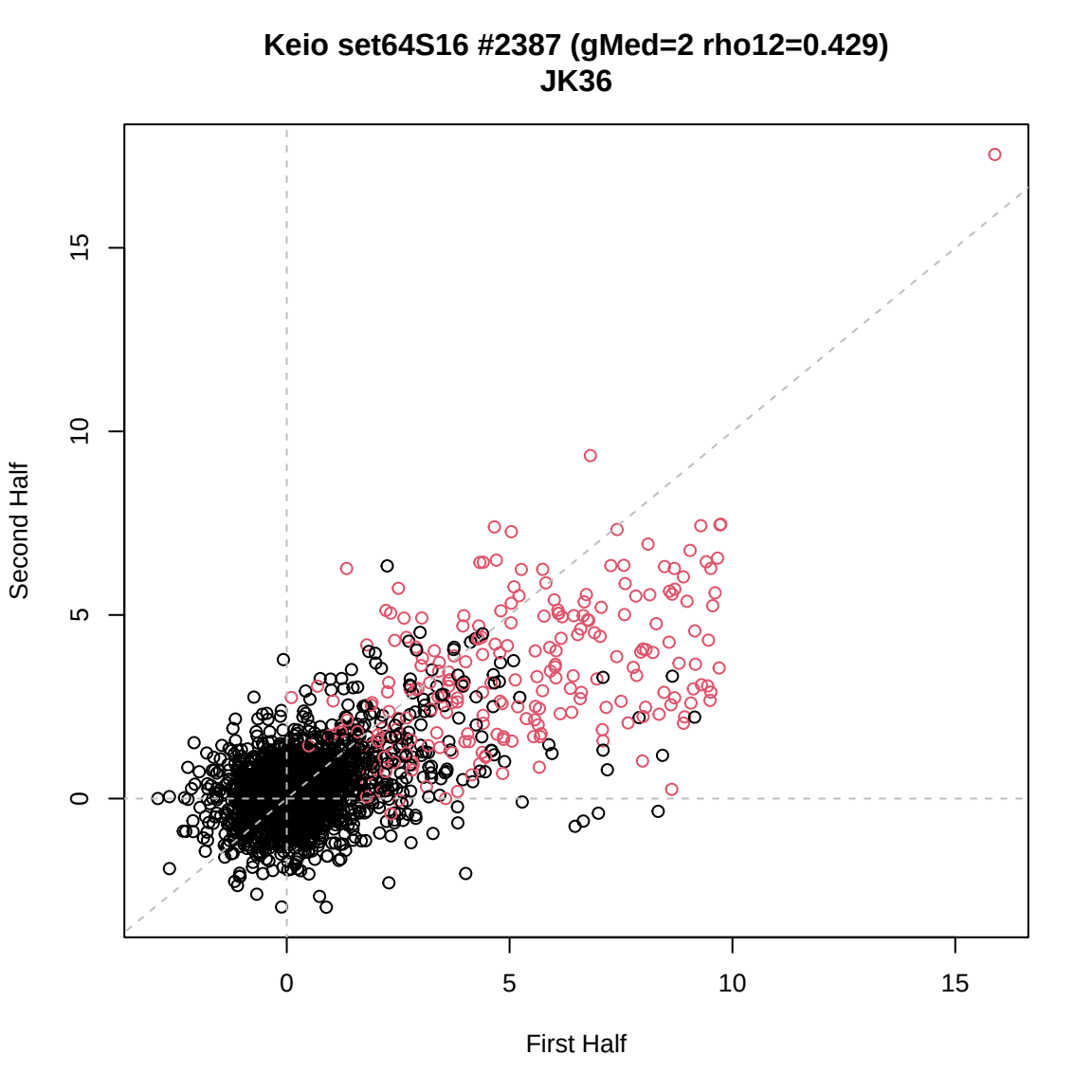

Keio set64S5 #2382 (gMed=1 rho12=0.450)
T4
Second Half
First Half
0
5
10
15
0
5
10
15

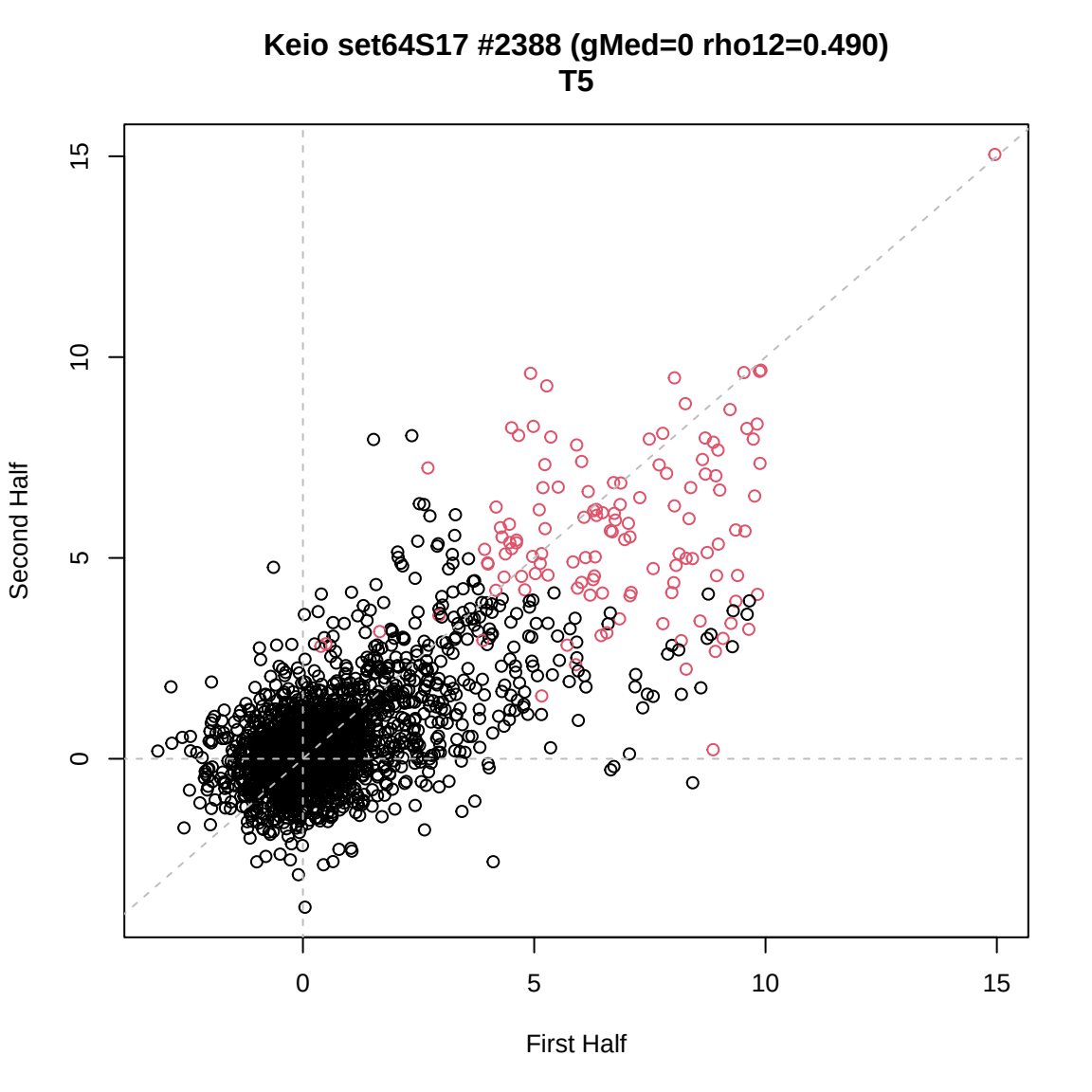

Keio set64S6 #2383 (gMed=0 rho12=0.489)
T4
Second Half
First Half
0
5
10
15

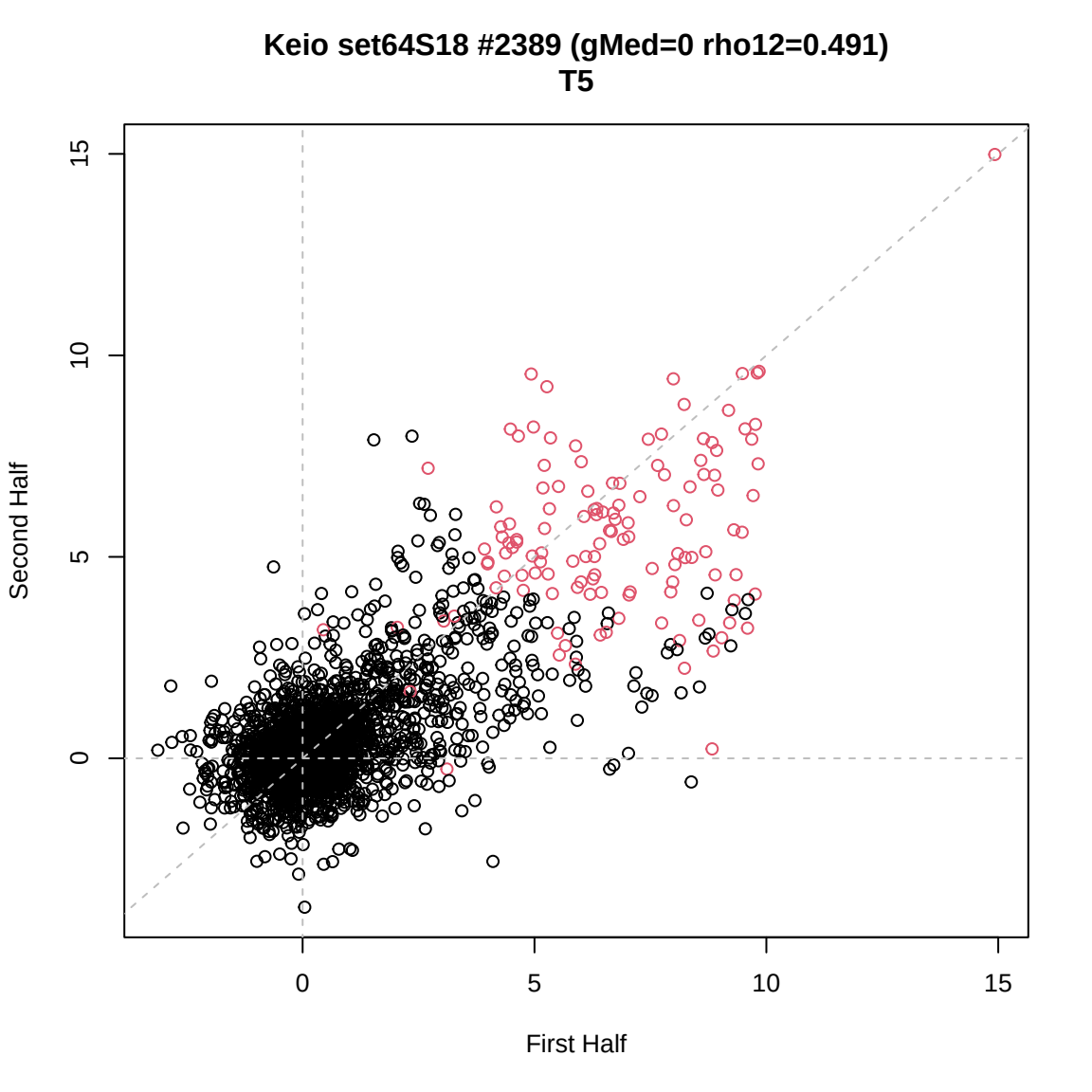

Keio set64S13 #2384 (gMed=0 rho12=0.488)
Laval1257
Second Half
First Half
0
5
10
15

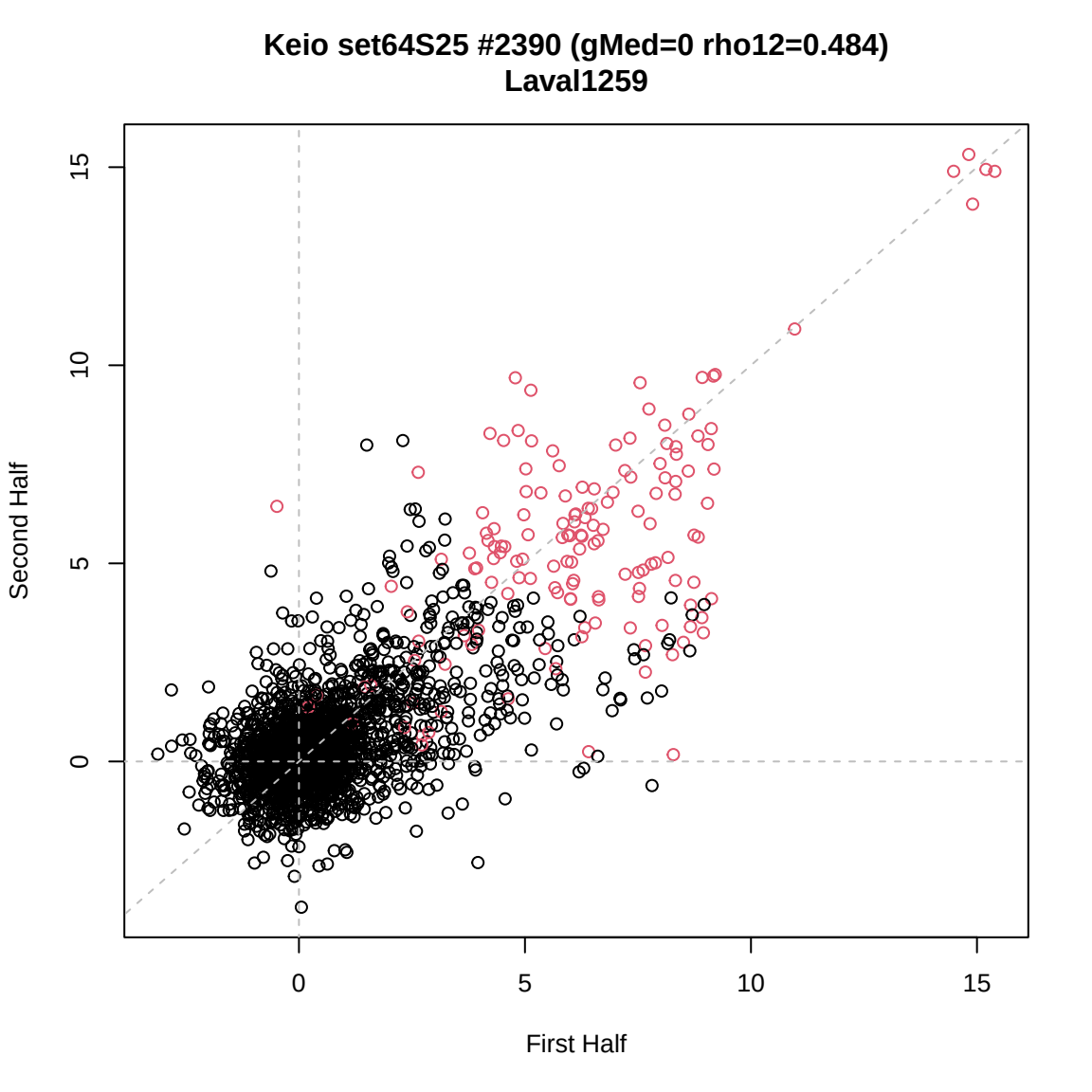

Keio set64S14 #2385 (gMed=0 rho12=0.486)
Laval1257
Second Half
First Half
0
5
10
15
0
5
10
15

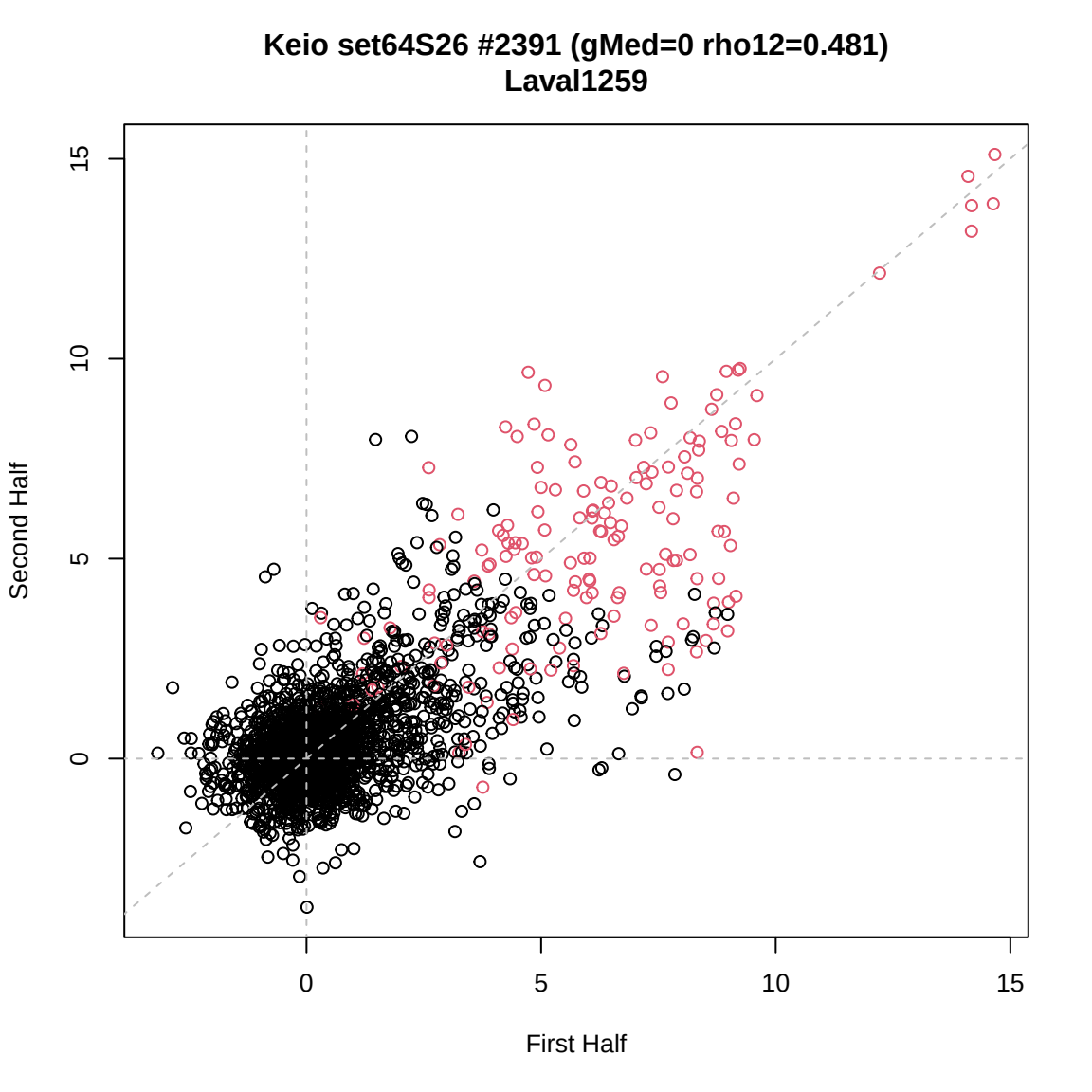

Keio set64S15 #2386 (gMed=0 rho12=0.462)
JK36
Second Half
First Half
0
5
10
15

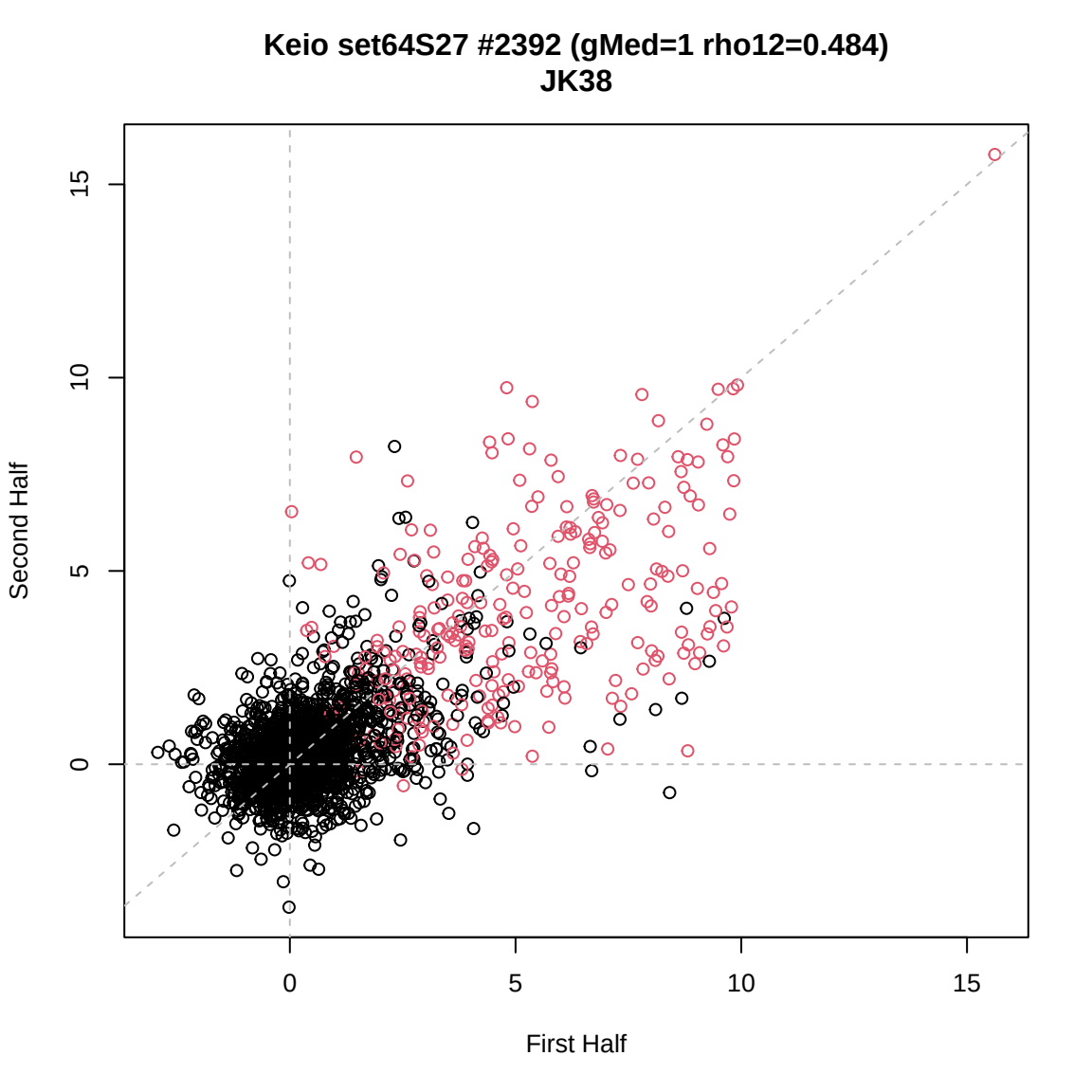

Keio set64S16 #2387 (gMed=2 rho12=0.429)
JK36
Second Half
First Half
0
5
10
15

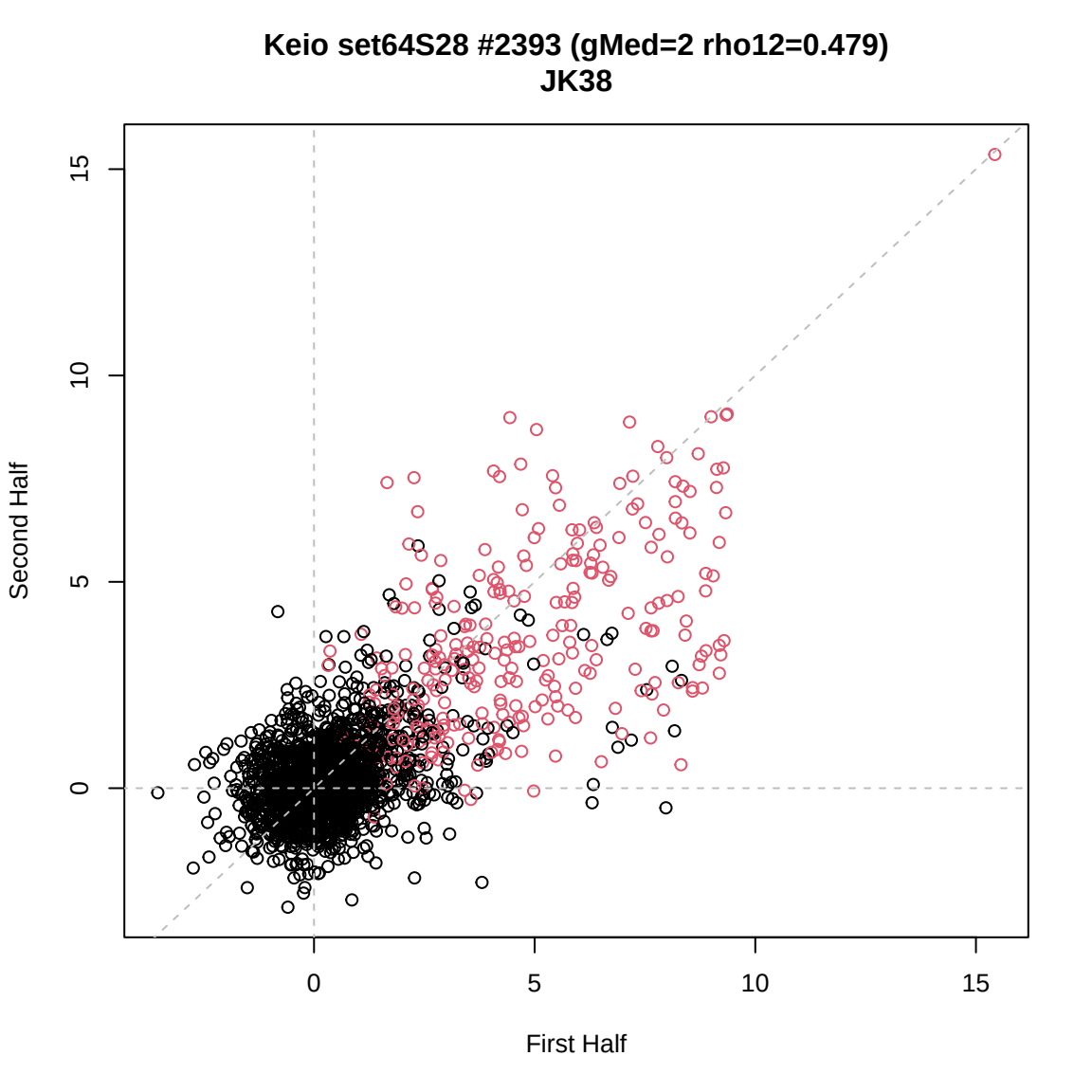

Keio set64S17 #2388 (gMed=0 rho12=0.490)
T5
Second Half
First Half
0
5
10
15

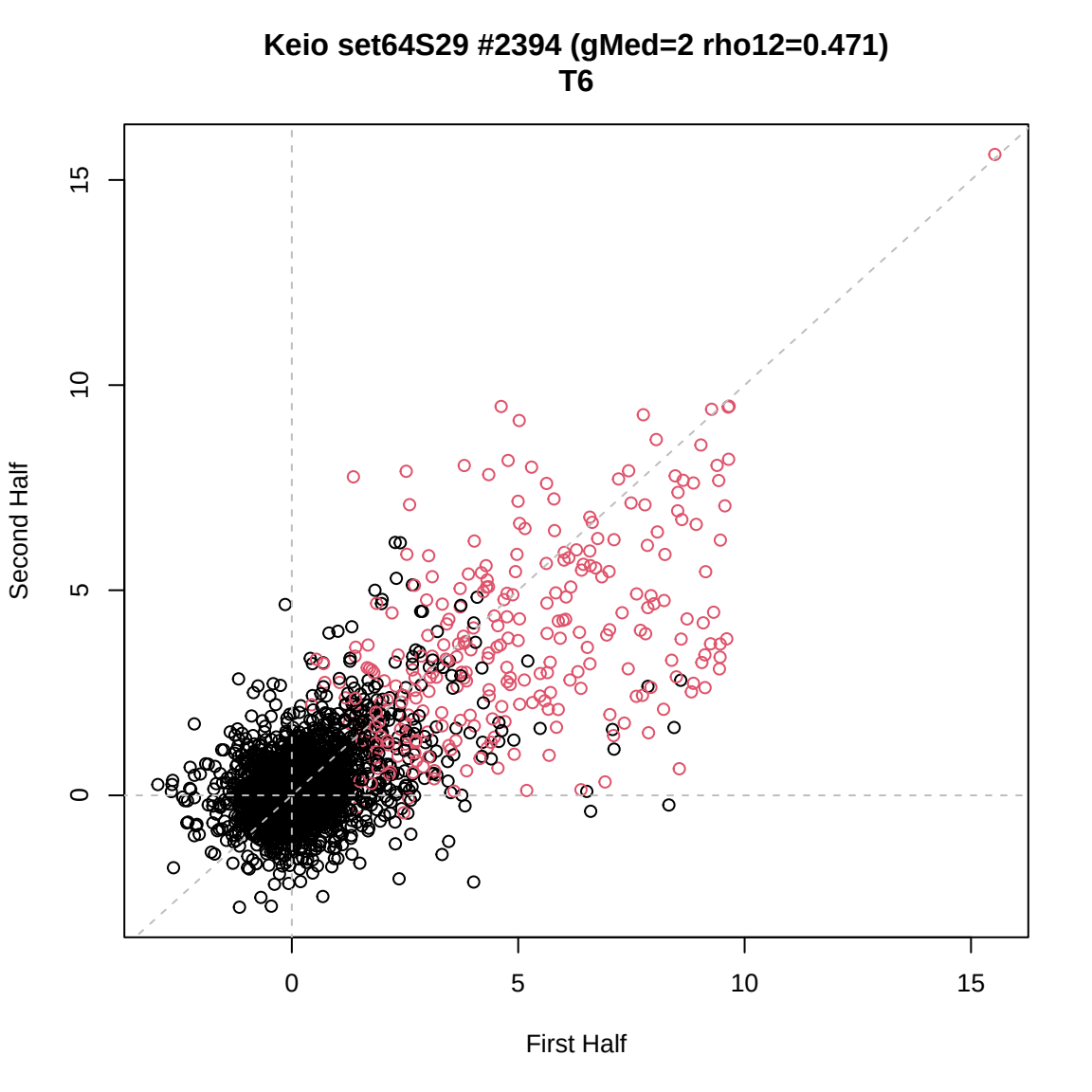

Keio set64S18 #2389 (gMed=0 rho12=0.491)
T5
Second Half
First Half
0
5
10
15

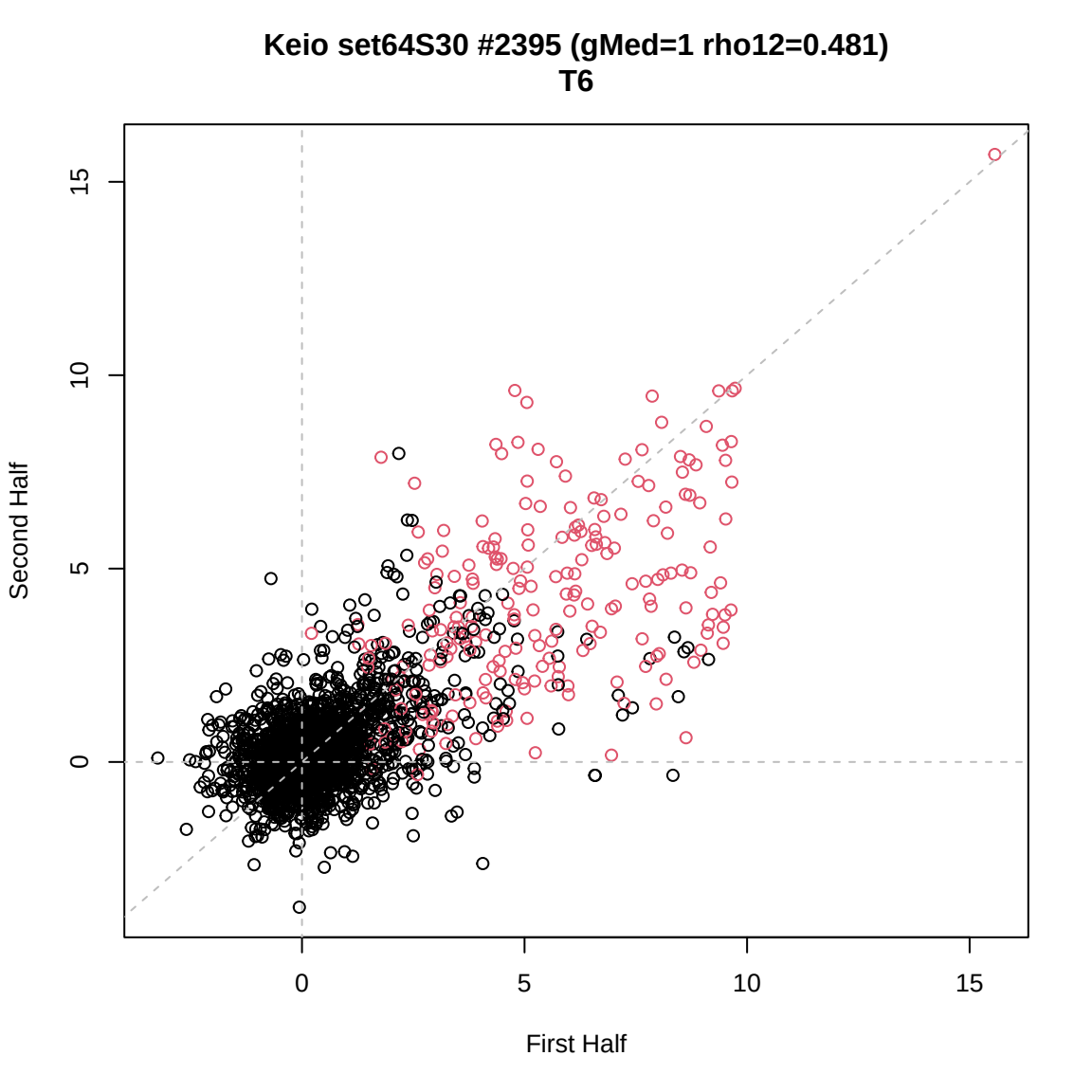

Keio set64S25 #2390 (gMed=0 rho12=0.484)
Laval1259
Second Half
First Half
0
5
10
15

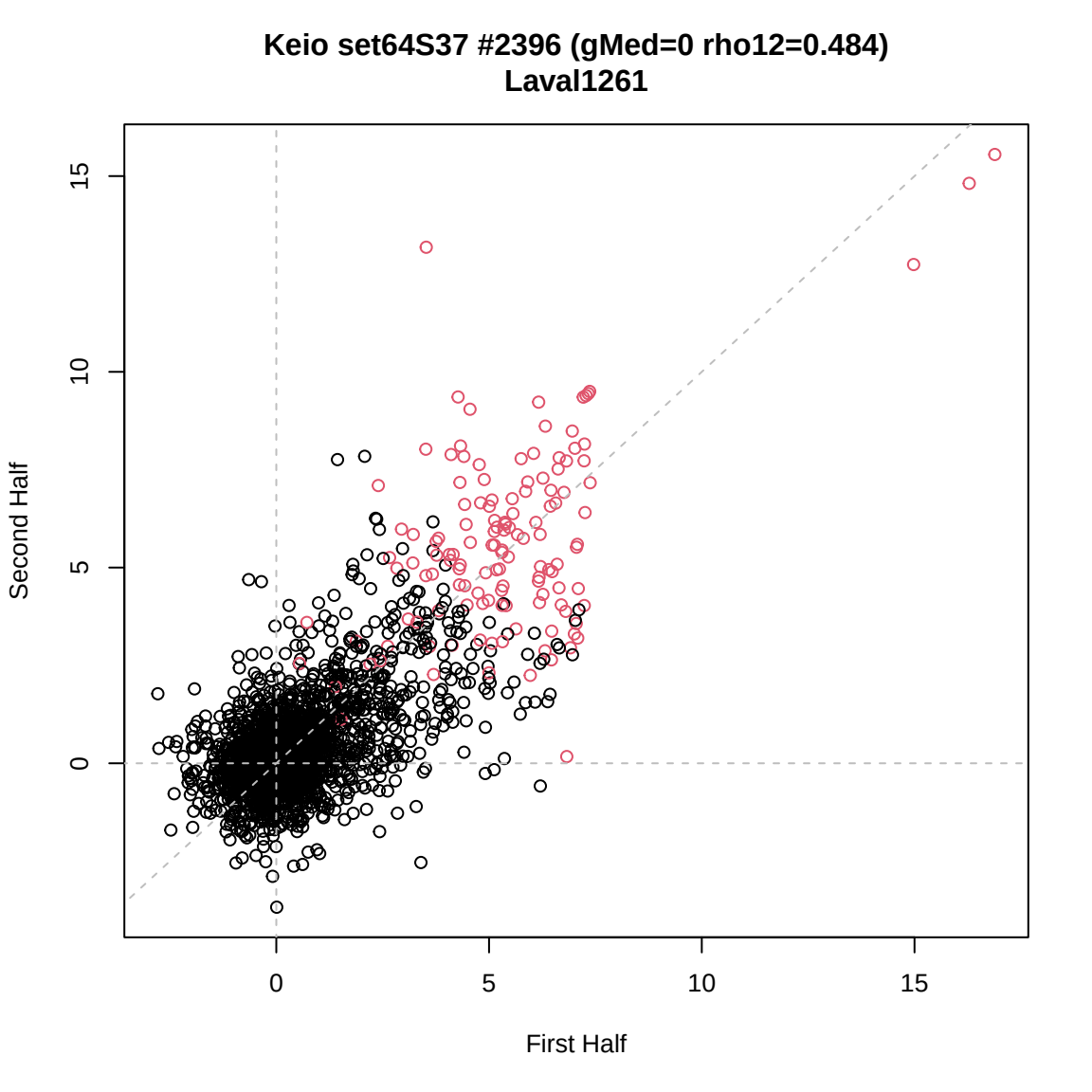

Keio set64S26 #2391 (gMed=0 rho12=0.481)
Laval1259
Second Half
First Half
0
5
10
15

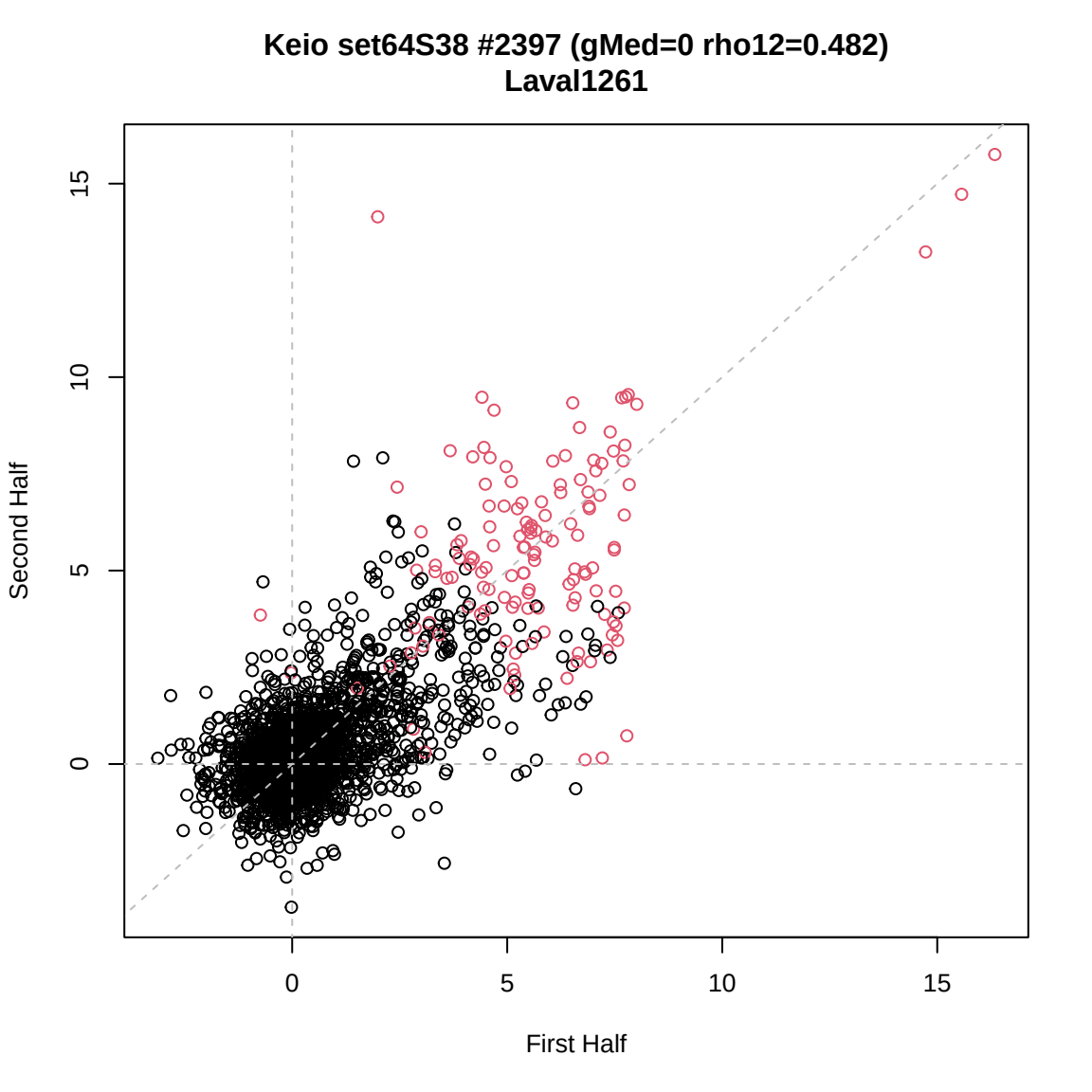

Keio set64S27 #2392 (gMed=1 rho12=0.484)
JK38
Second Half
First Half
0
5
10
15

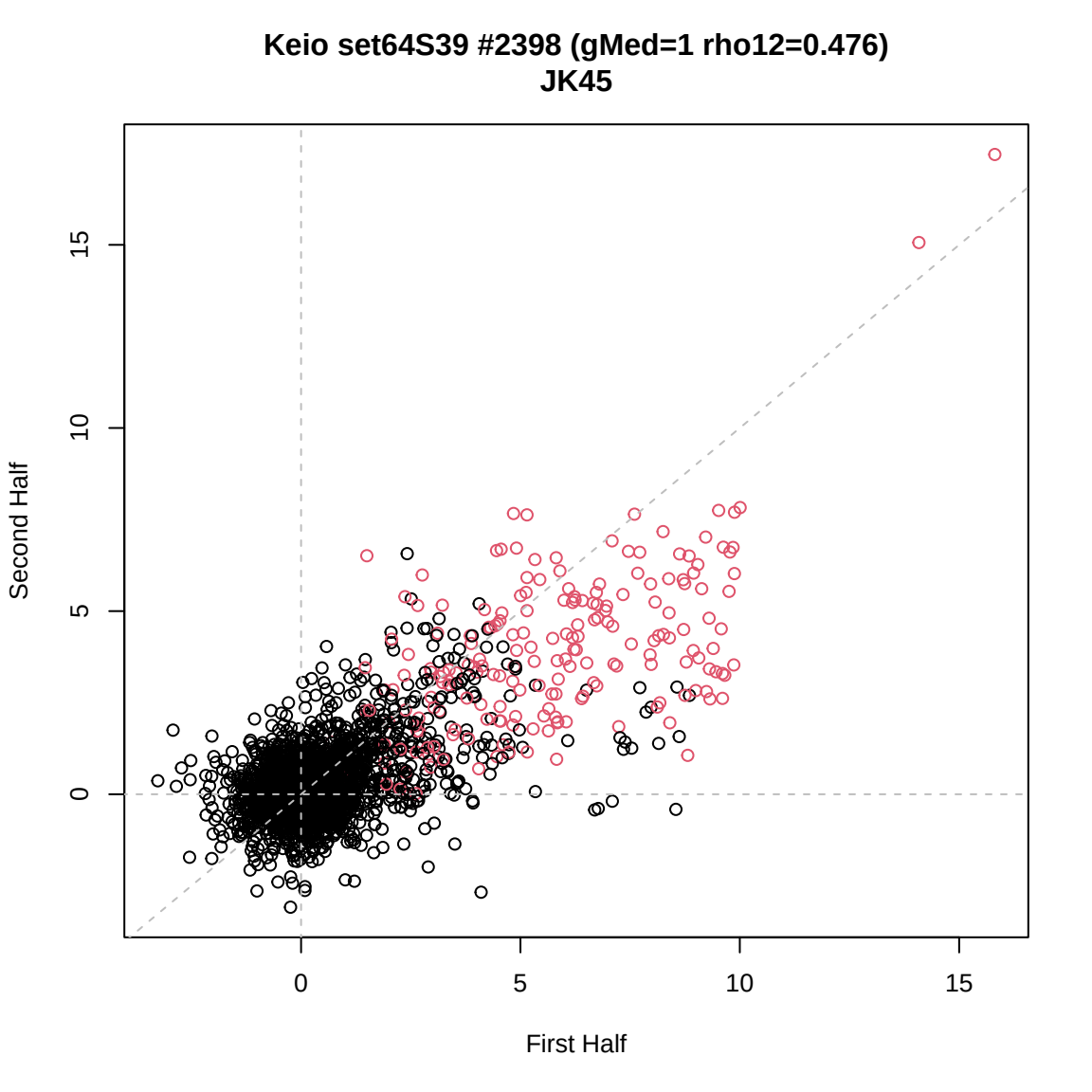

Keio set64S28 #2393 (gMed=2 rho12=0.479)
JK38
Second Half
First Half
0
5
10
15

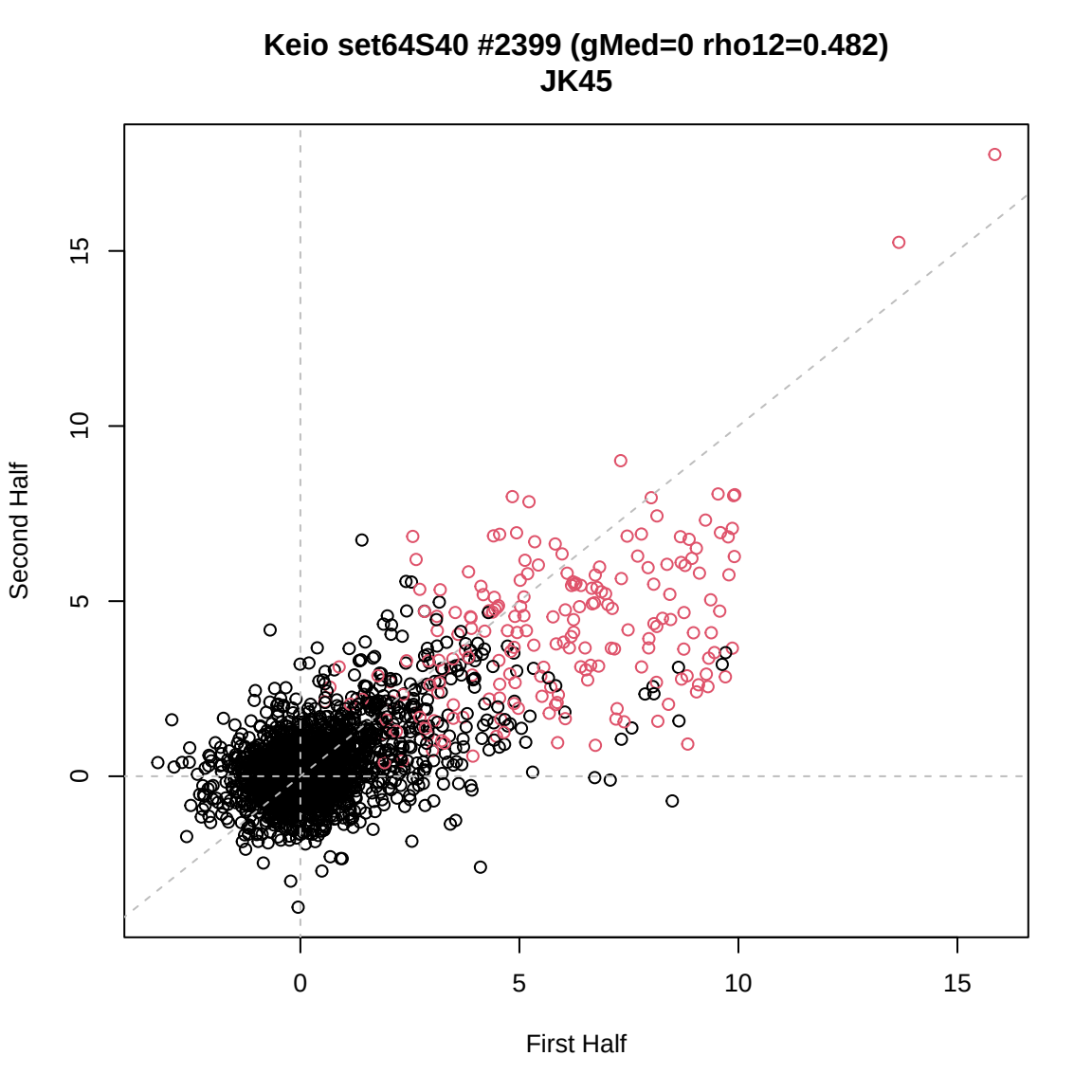

Keio set64S29 #2394 (gMed=2 rho12=0.471)
T6
Second Half
First Half
0
5
10
15
0
5
10
15

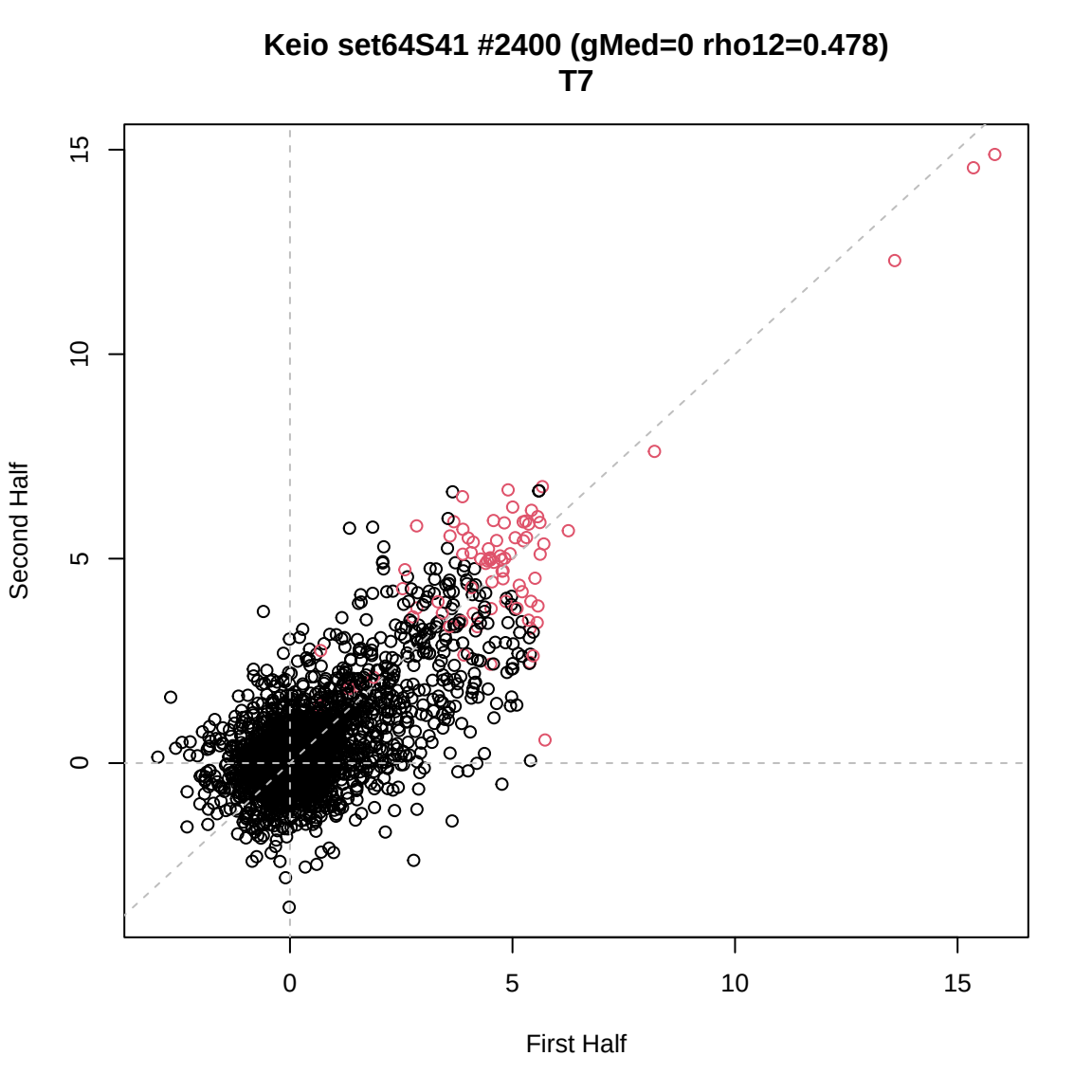

Keio set64S30 #2395 (gMed=1 rho12=0.481)
T6
Second Half
First Half
0
5
10
15

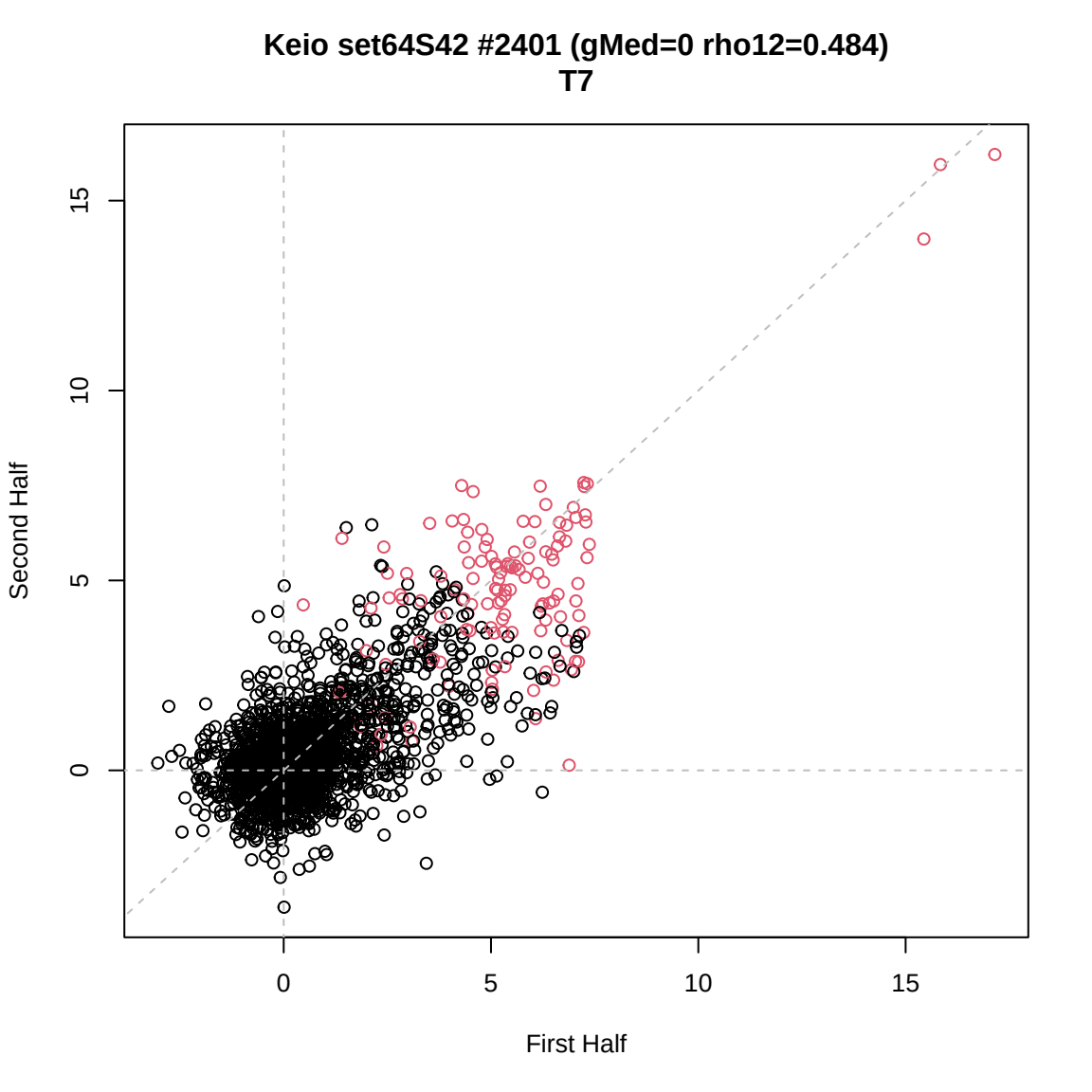

Keio set64S37 #2396 (gMed=0 rho12=0.484)
Laval1261
Second Half
First Half
0
5
10
15

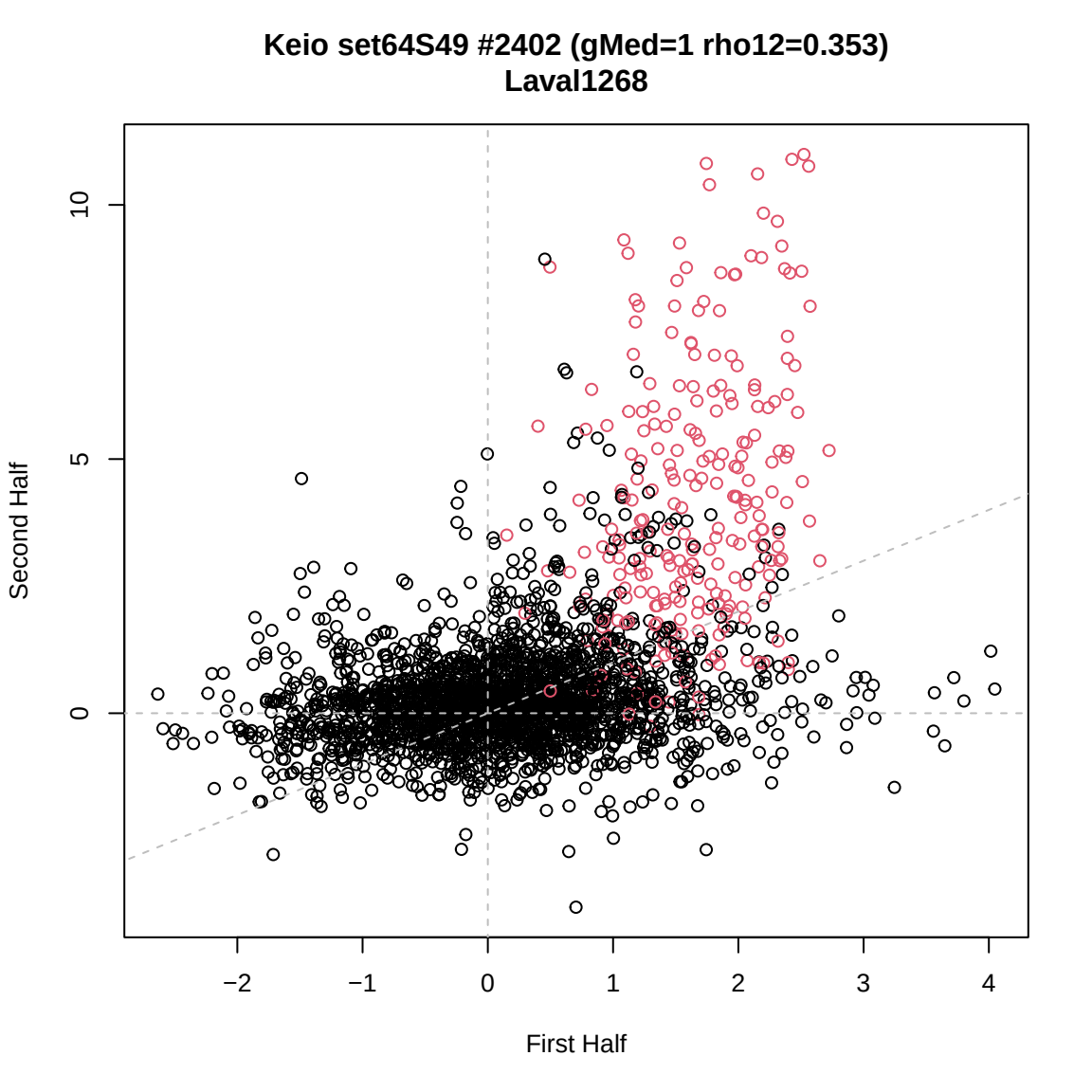

Keio set64S38 #2397 (gMed=0 rho12=0.482)
Laval1261
Second Half
First Half
0
5
10
15

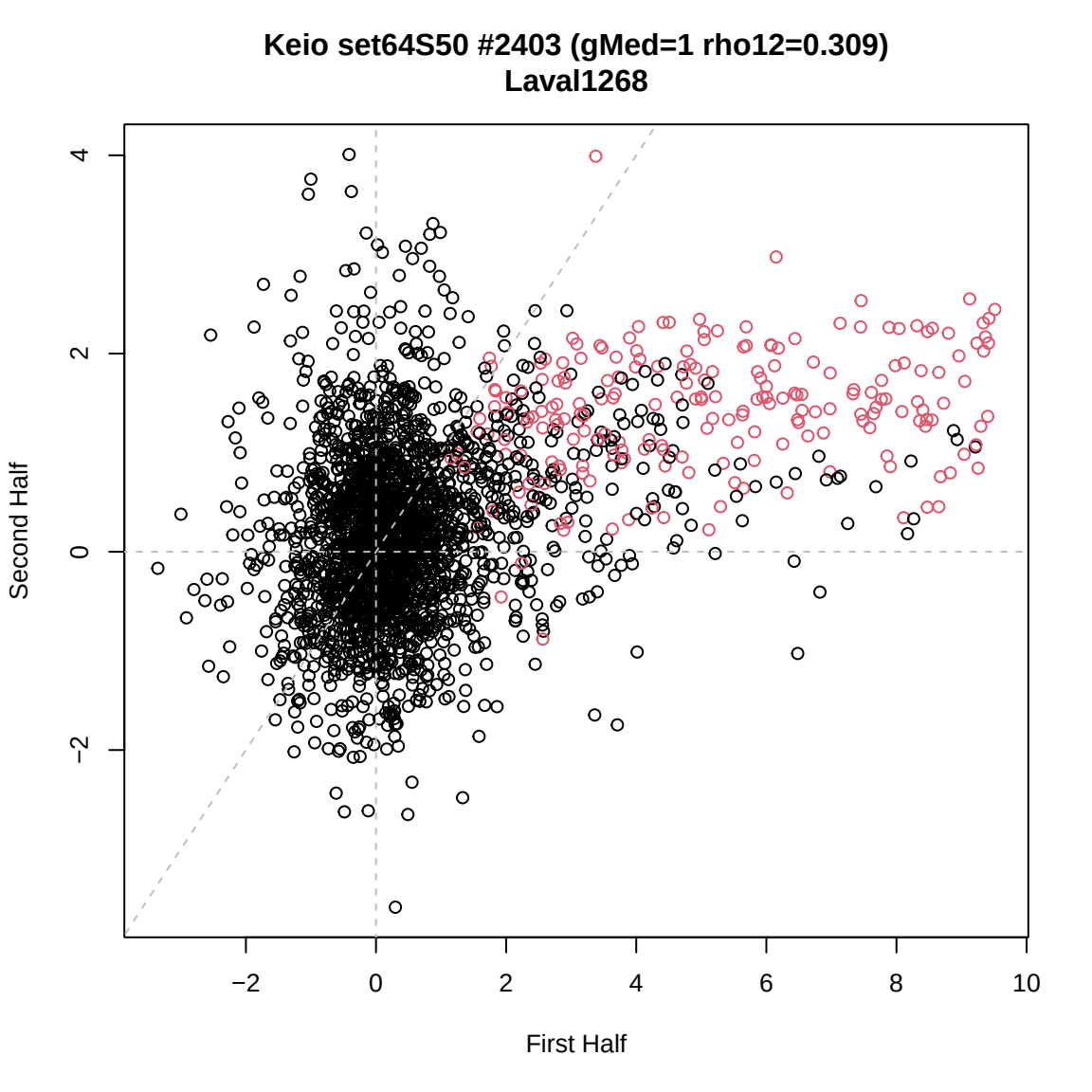

Keio set64S39 #2398 (gMed=1 rho12=0.476)
JK45
Second Half
First Half
0
5
10
15

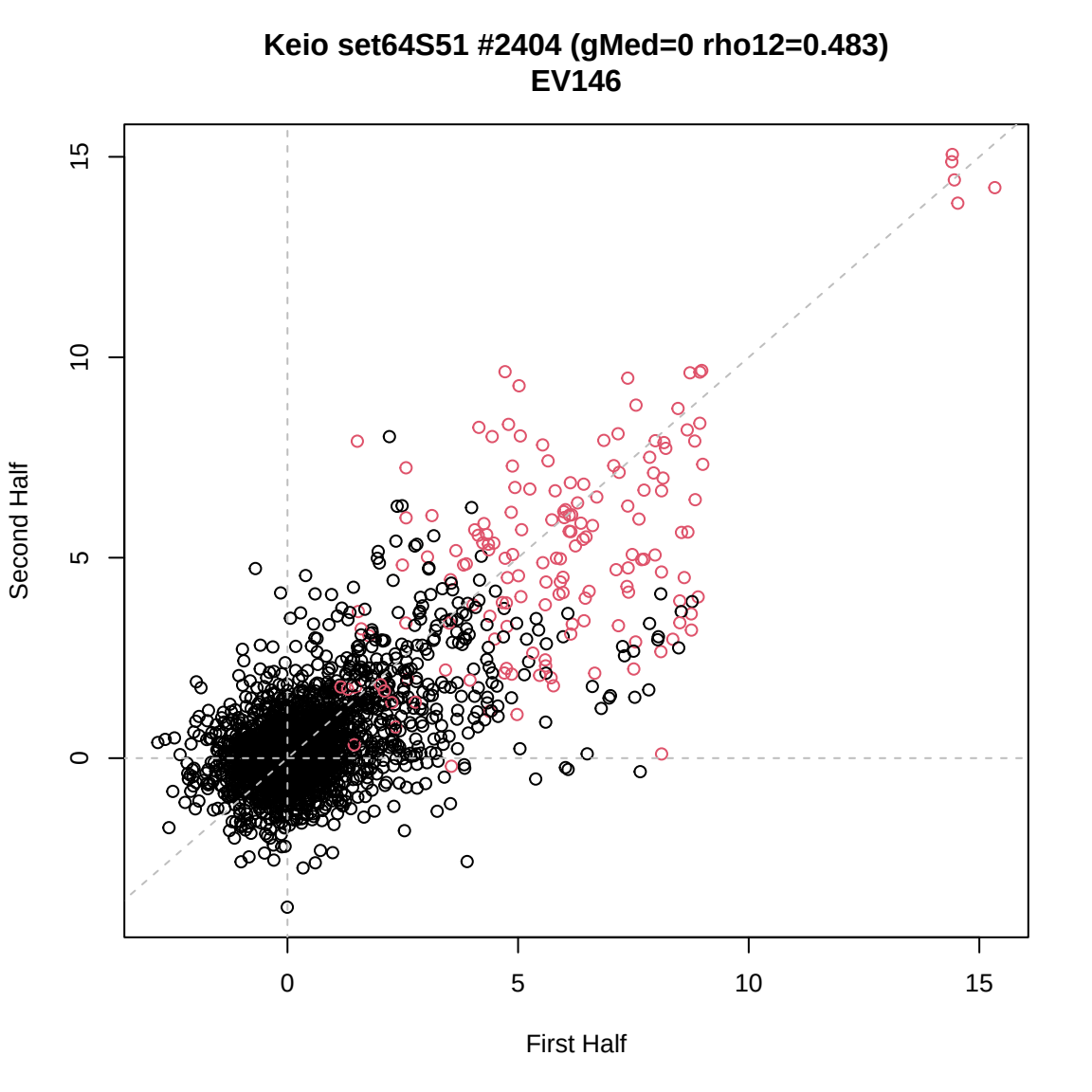

Keio set64S40 #2399 (gMed=0 rho12=0.482)
JK45
Second Half
First Half
0
5
10
15

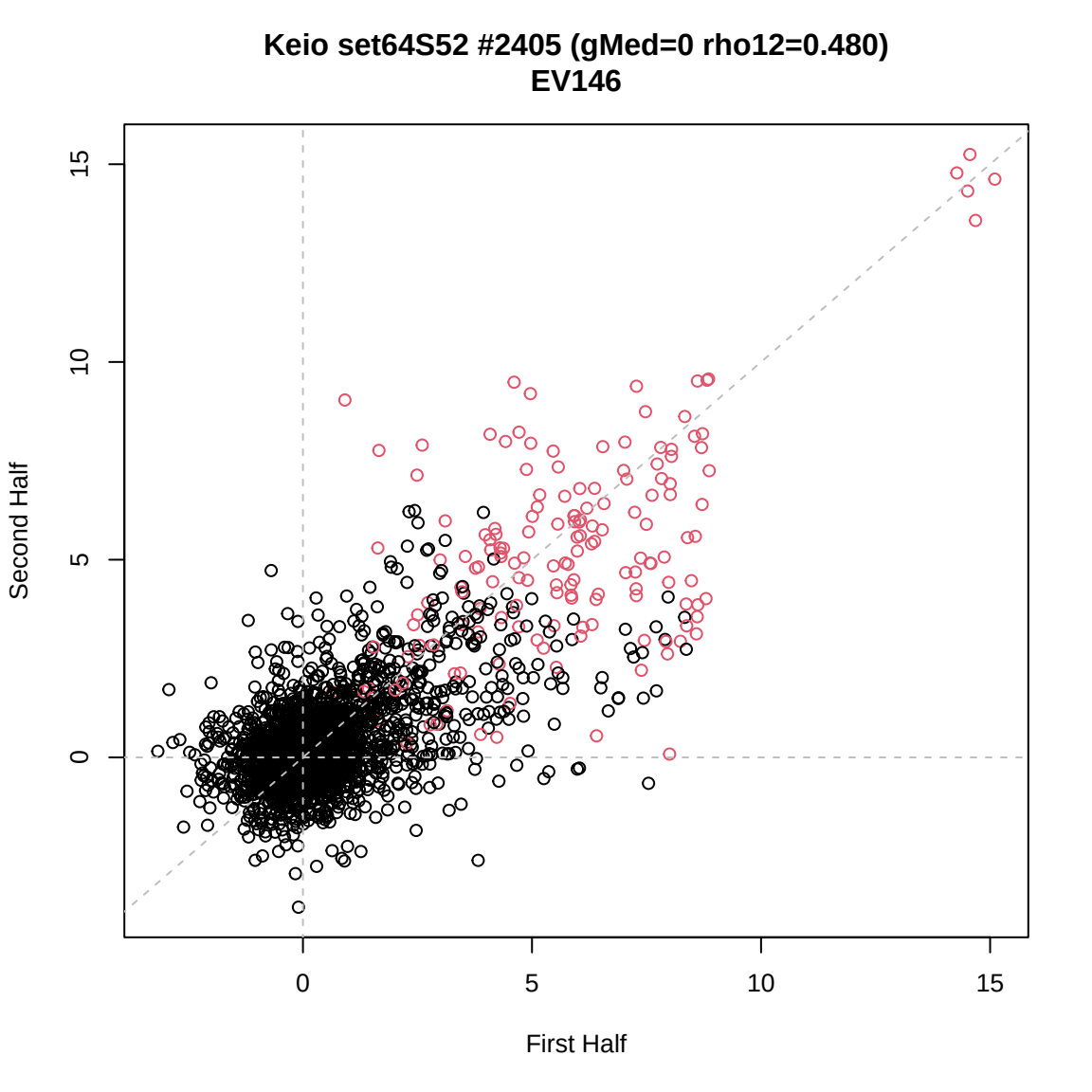

Keio set64S41 #2400 (gMed=0 rho12=0.478)
T7
Second Half
First Half
0
5
10
15

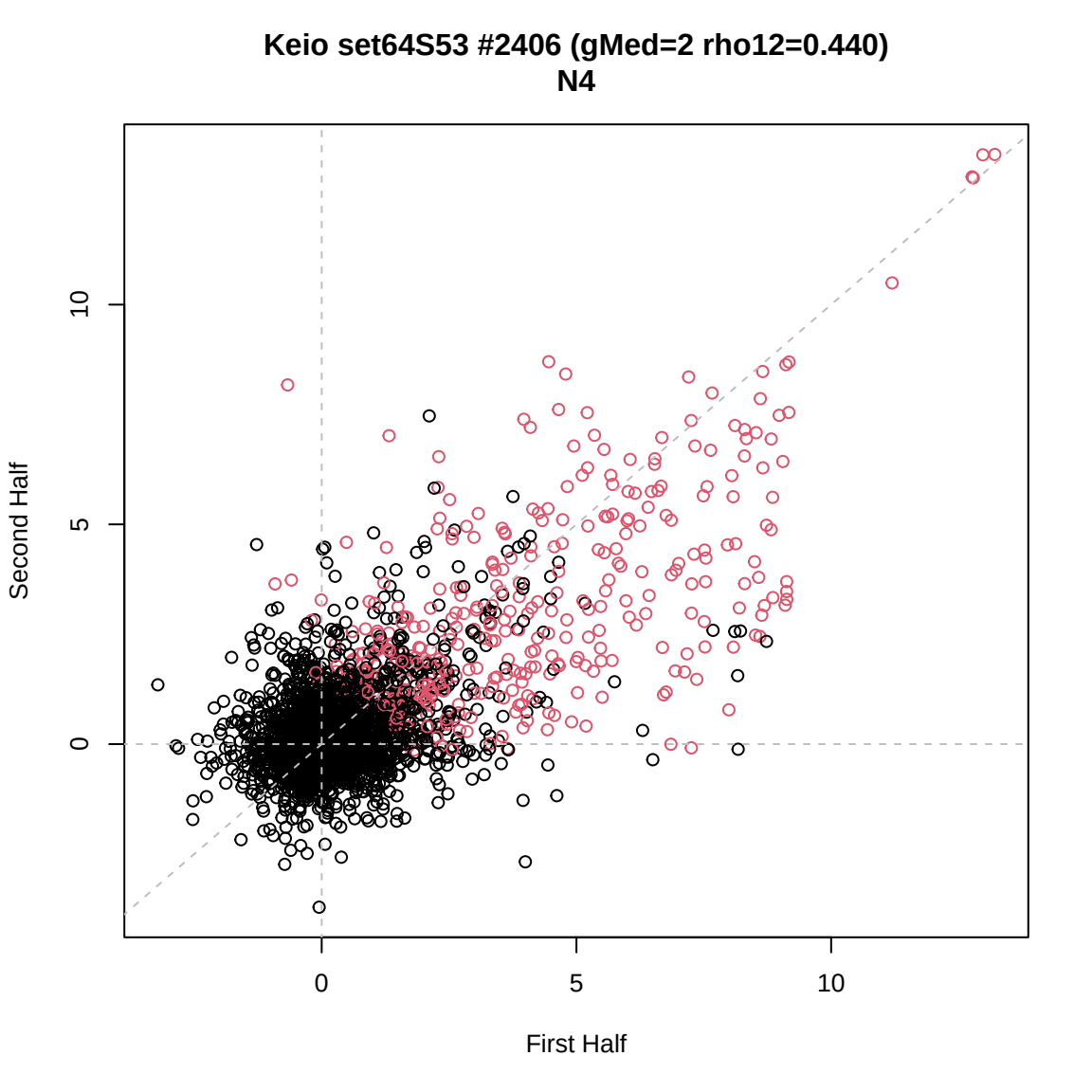

Keio set64S42 #2401 (gMed=0 rho12=0.484)
T7
Second Half
First Half
0
5
10
15
0
5
10
15

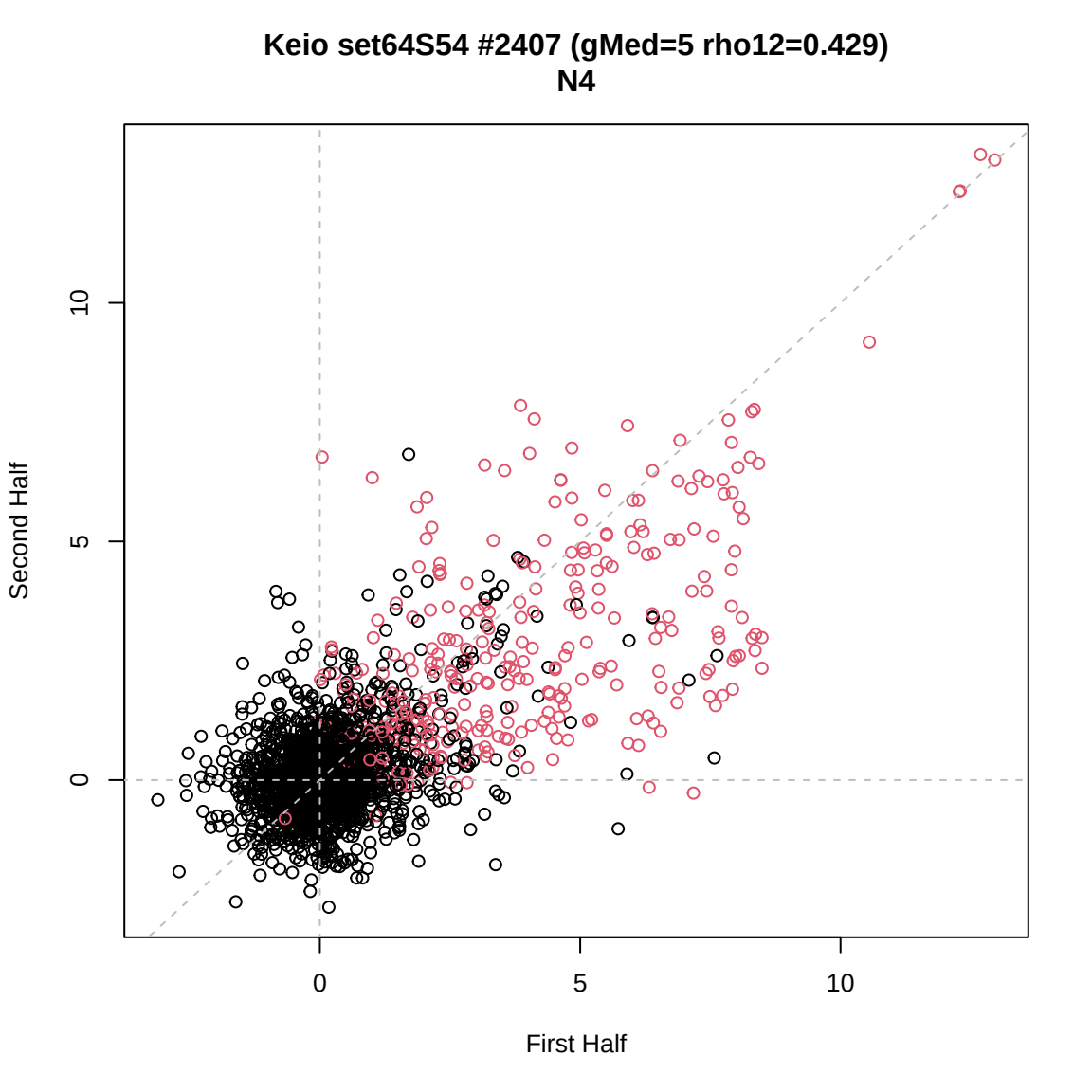

Keio set64S49 #2402 (gMed=1 rho12=0.353)
Laval1268
Second Half
First Half
10
5
0
−2
−1
0
1
2
3
4

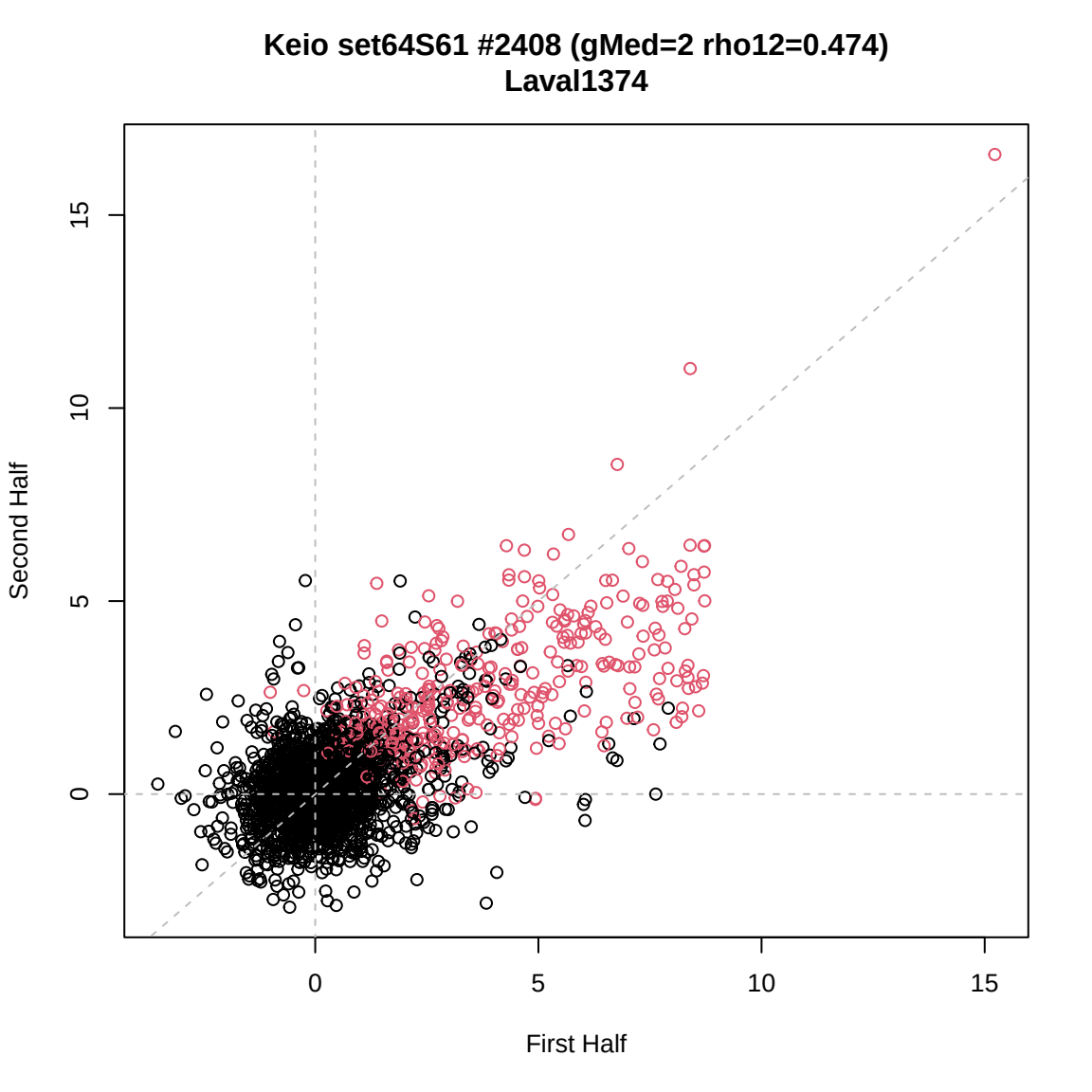

Keio set64S50 #2403 (gMed=1 rho12=0.309)
Laval1268
Second Half
First Half
4
2
0
−2
−2
0
2
4
6
8
10

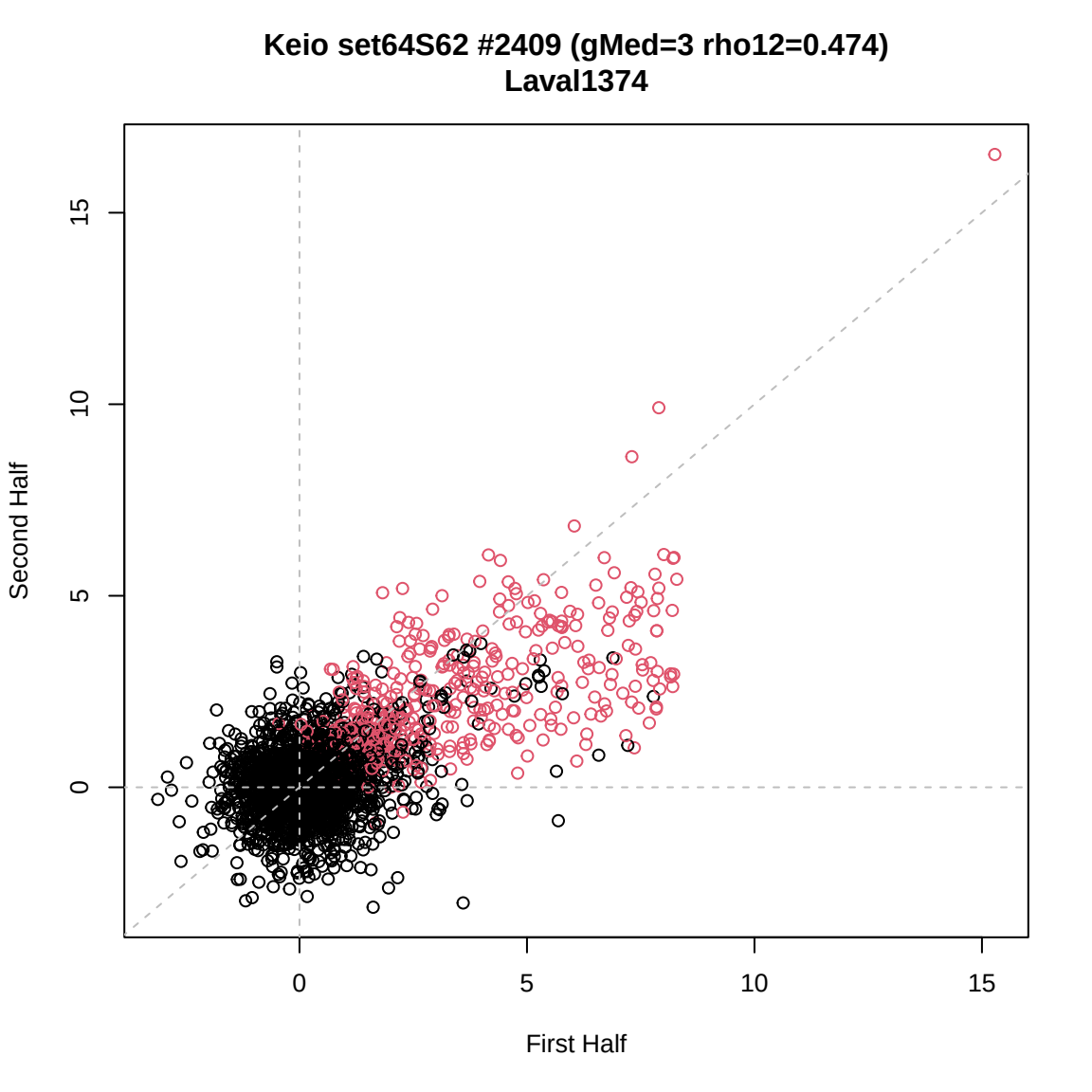

Keio set64S51 #2404 (gMed=0 rho12=0.483)
EV146
Second Half
First Half
0
5
10
15

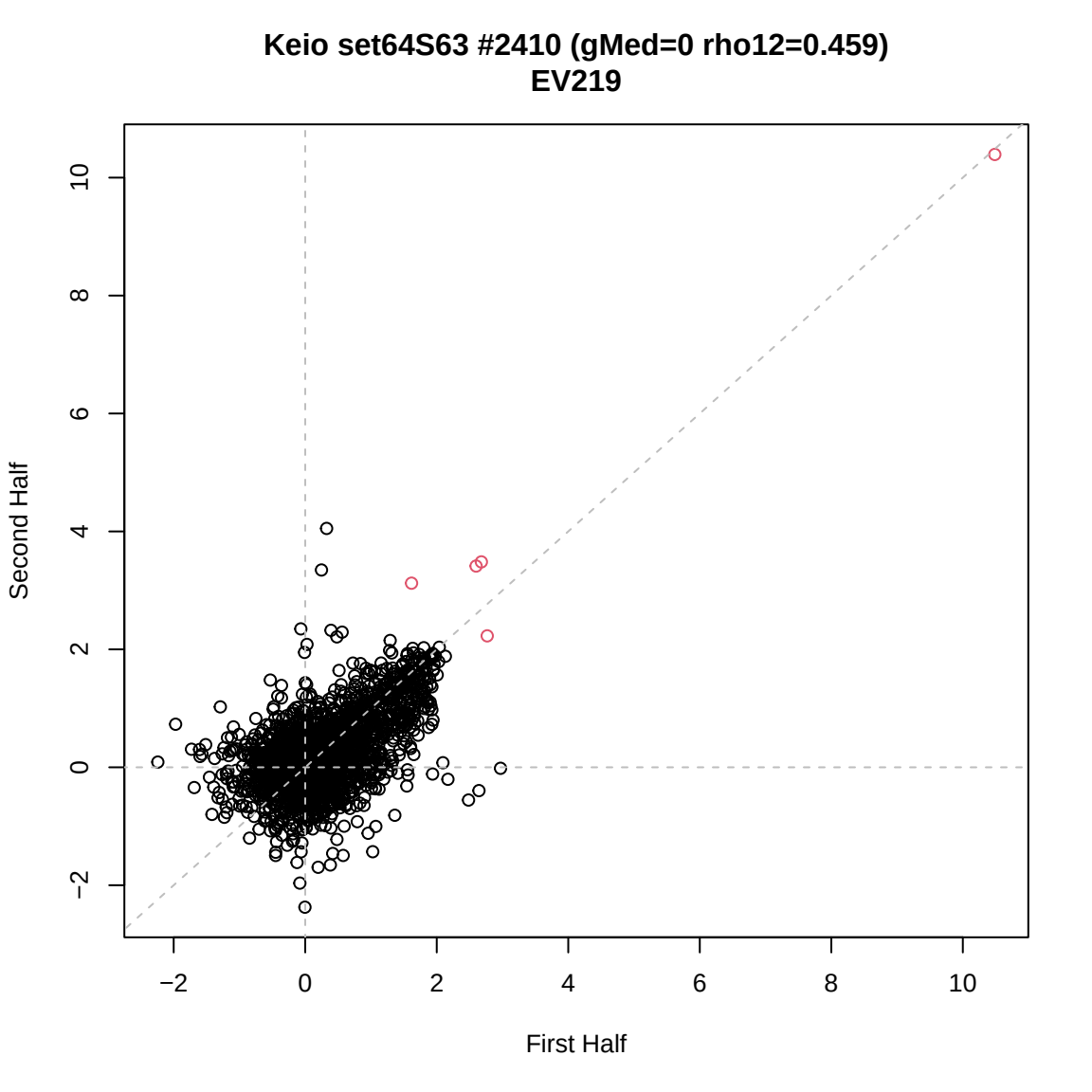

Keio set64S52 #2405 (gMed=0 rho12=0.480)
EV146
Second Half
First Half
0
5
10
15

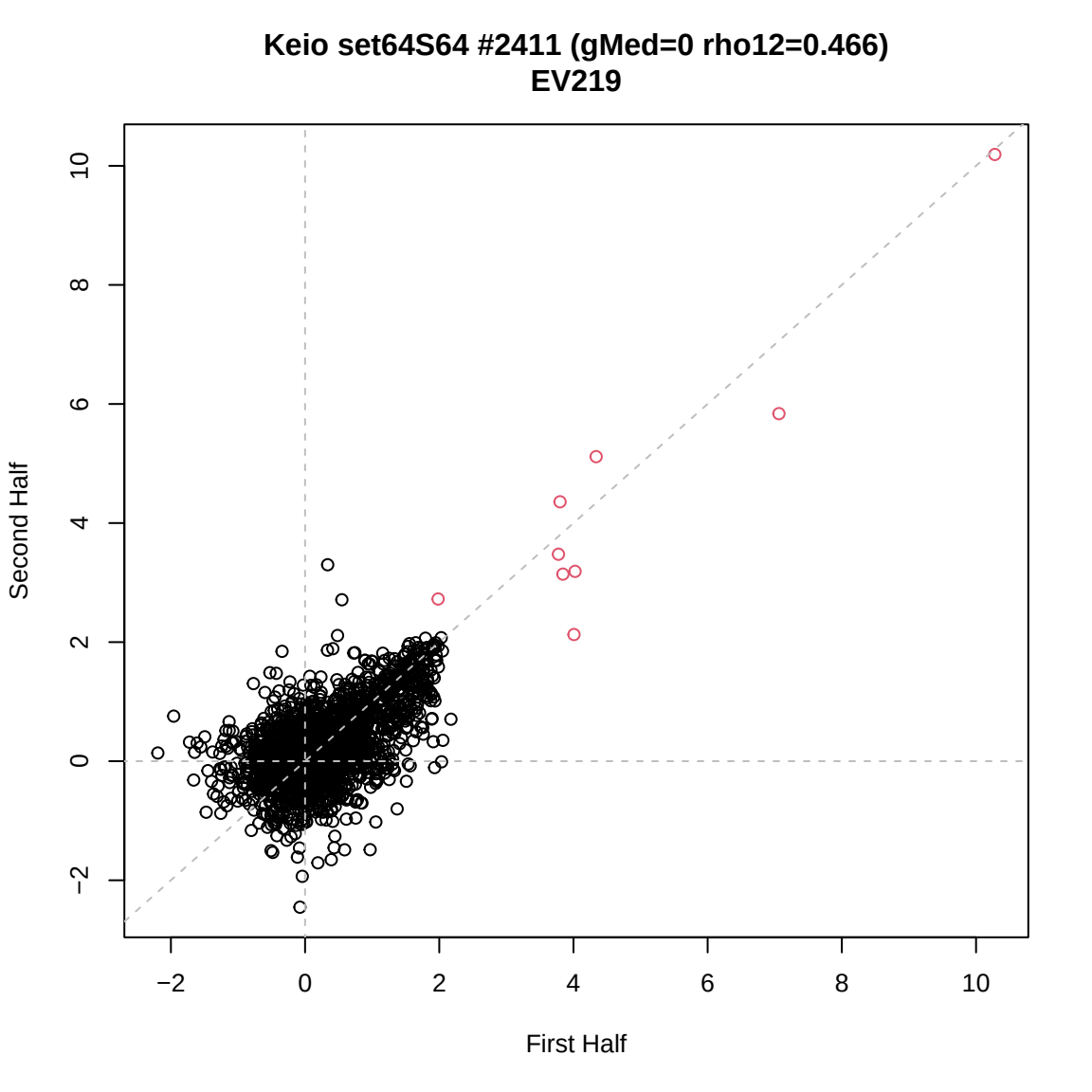

Keio set64S53 #2406 (gMed=2 rho12=0.440)
N4
Second Half
First Half
0
5
10
0
5
10

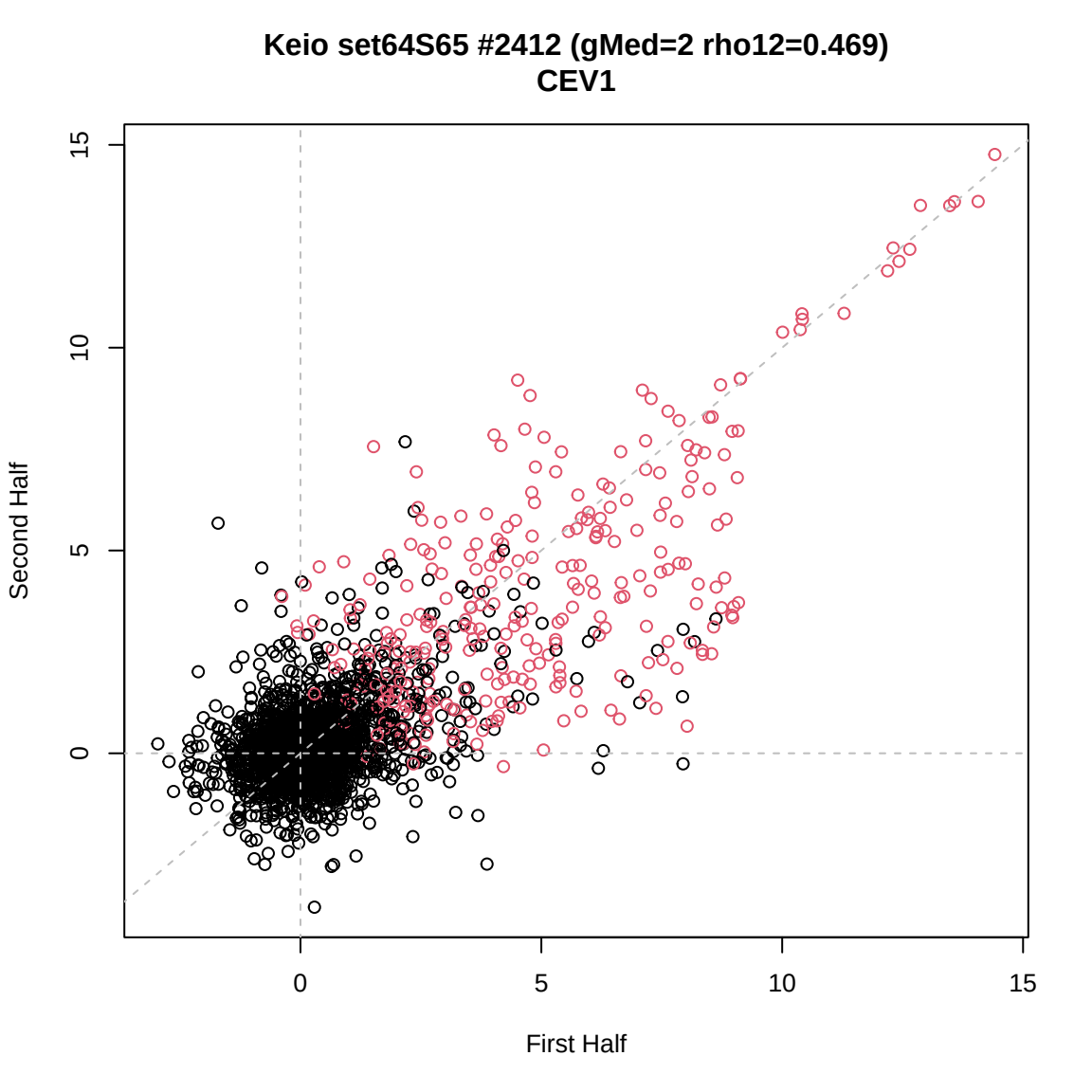

Keio set64S54 #2407 (gMed=5 rho12=0.429)
N4
Second Half
First Half
0
5
10
0
5
10

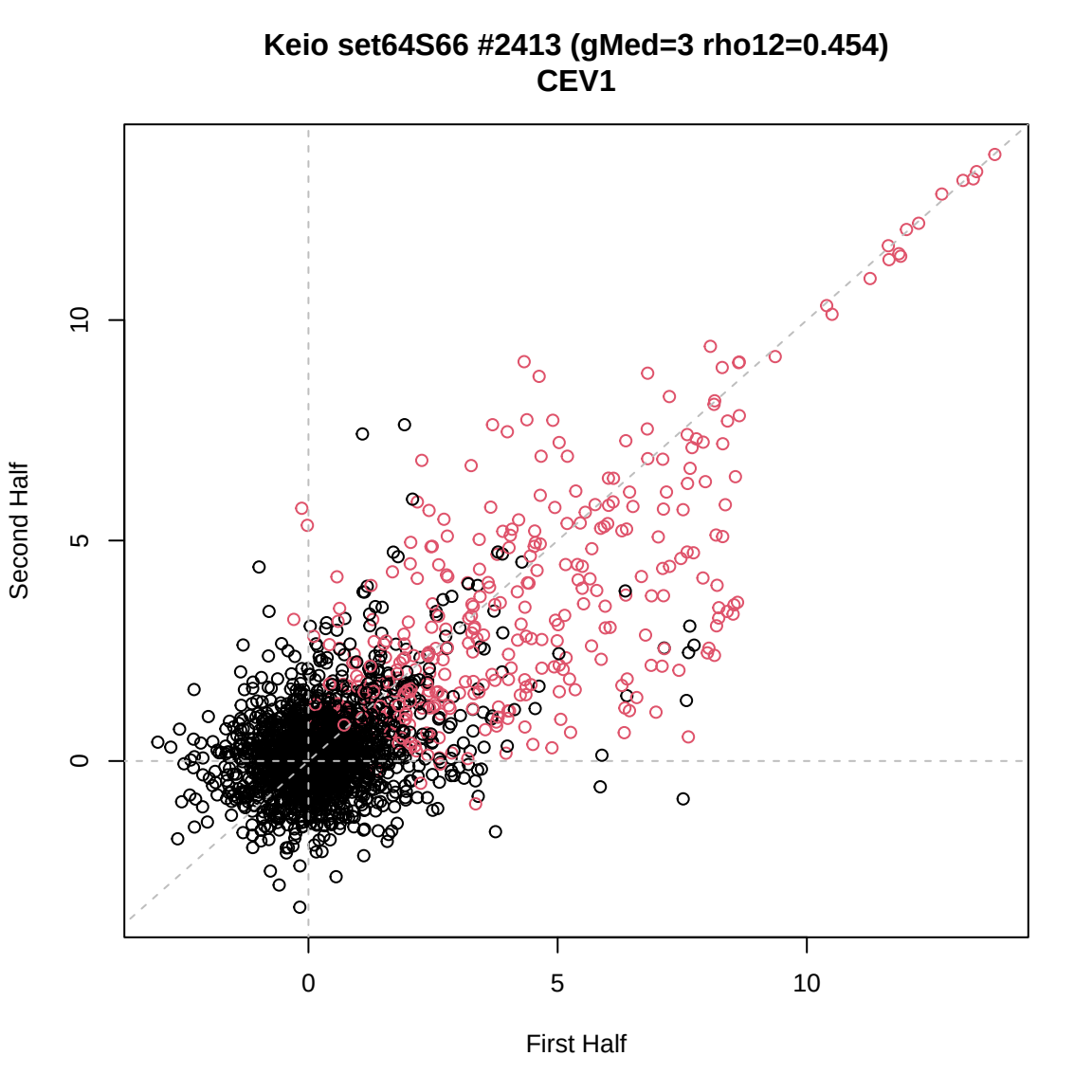

Keio set64S61 #2408 (gMed=2 rho12=0.474)
Laval1374
Second Half
First Half
0
5
10
15
0
5
10
15

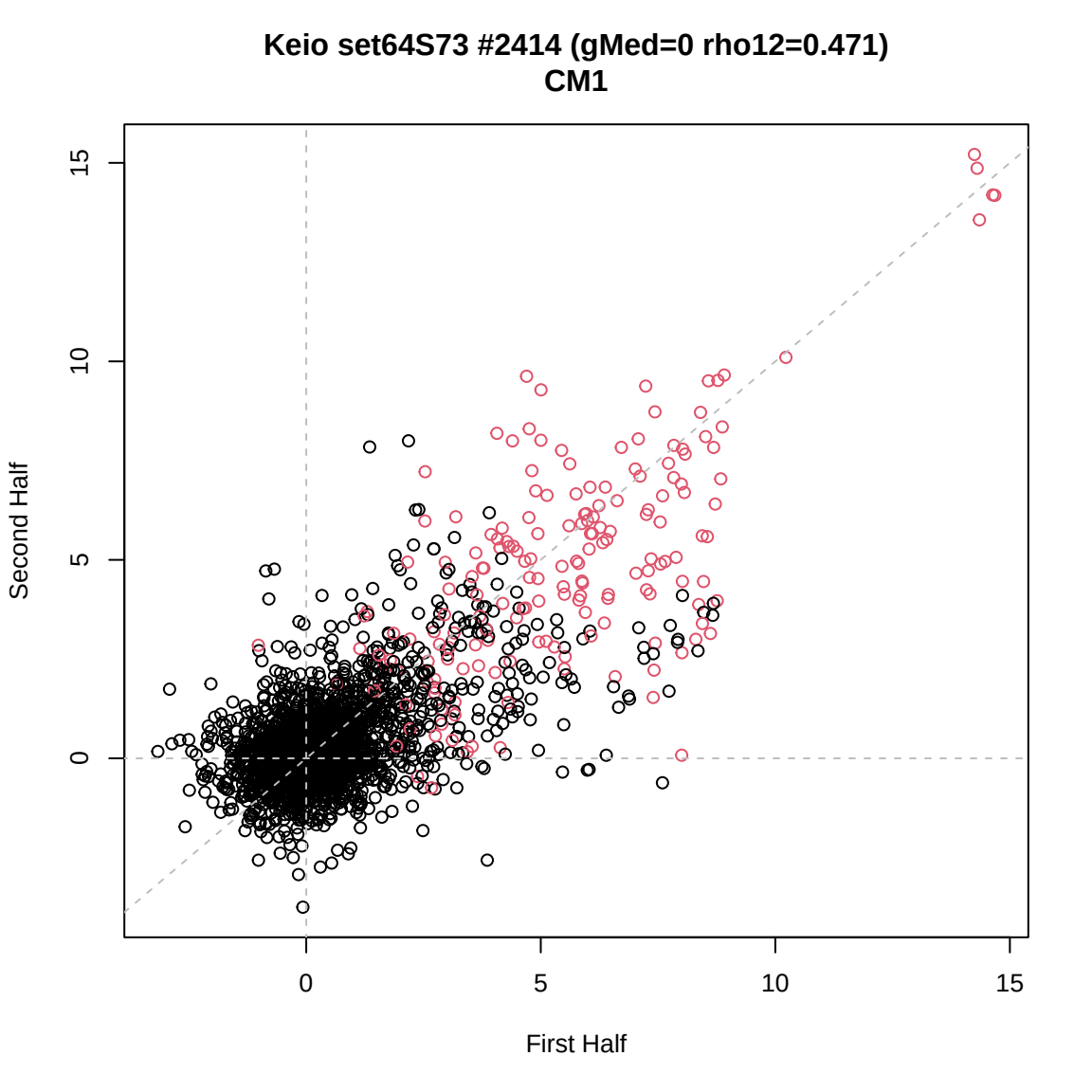

Keio set64S62 #2409 (gMed=3 rho12=0.474)
Laval1374
Second Half
First Half
0
5
10
15

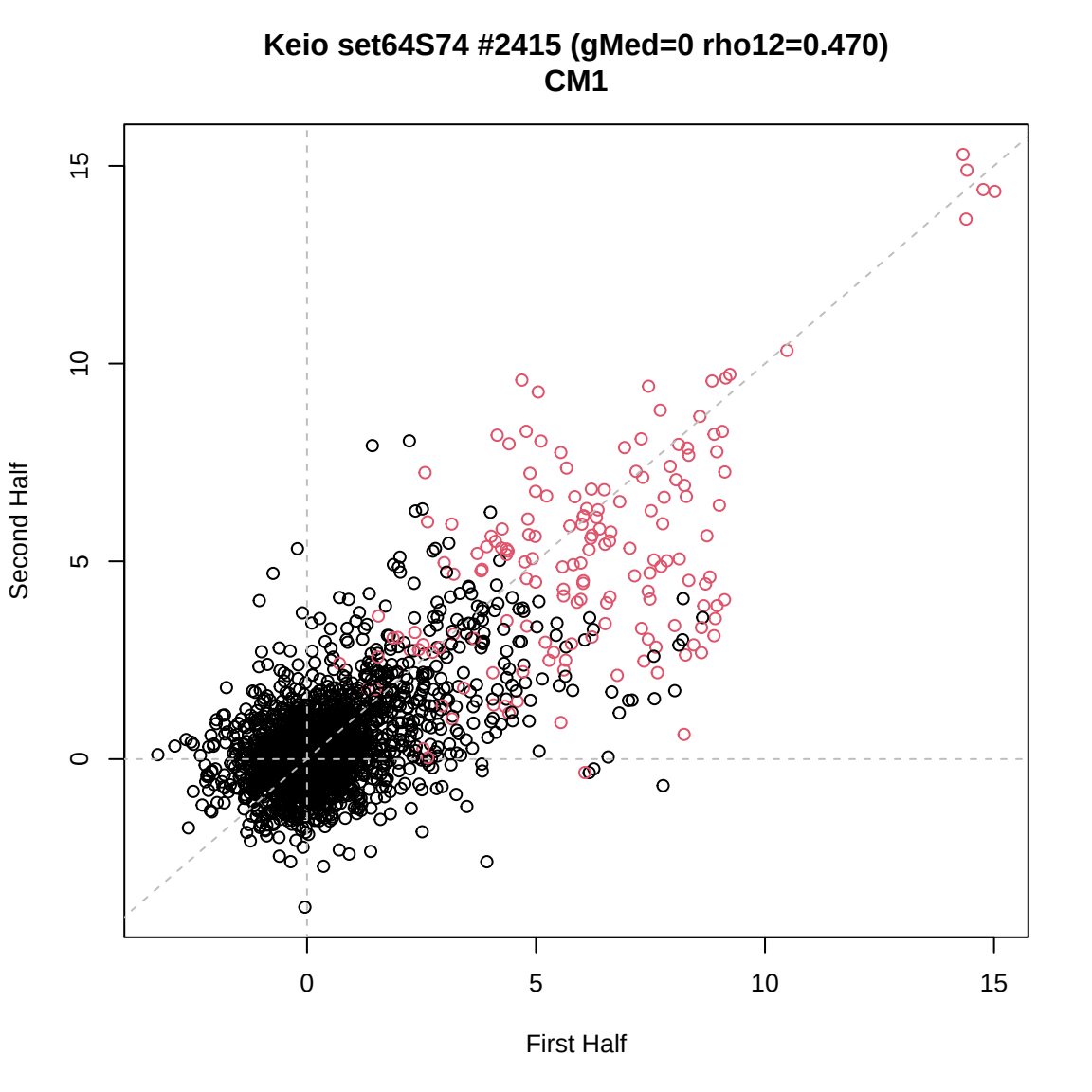

Keio set64S63 #2410 (gMed=0 rho12=0.459)
EV219
Second Half
First Half
−2
0
2
4
6
8
10

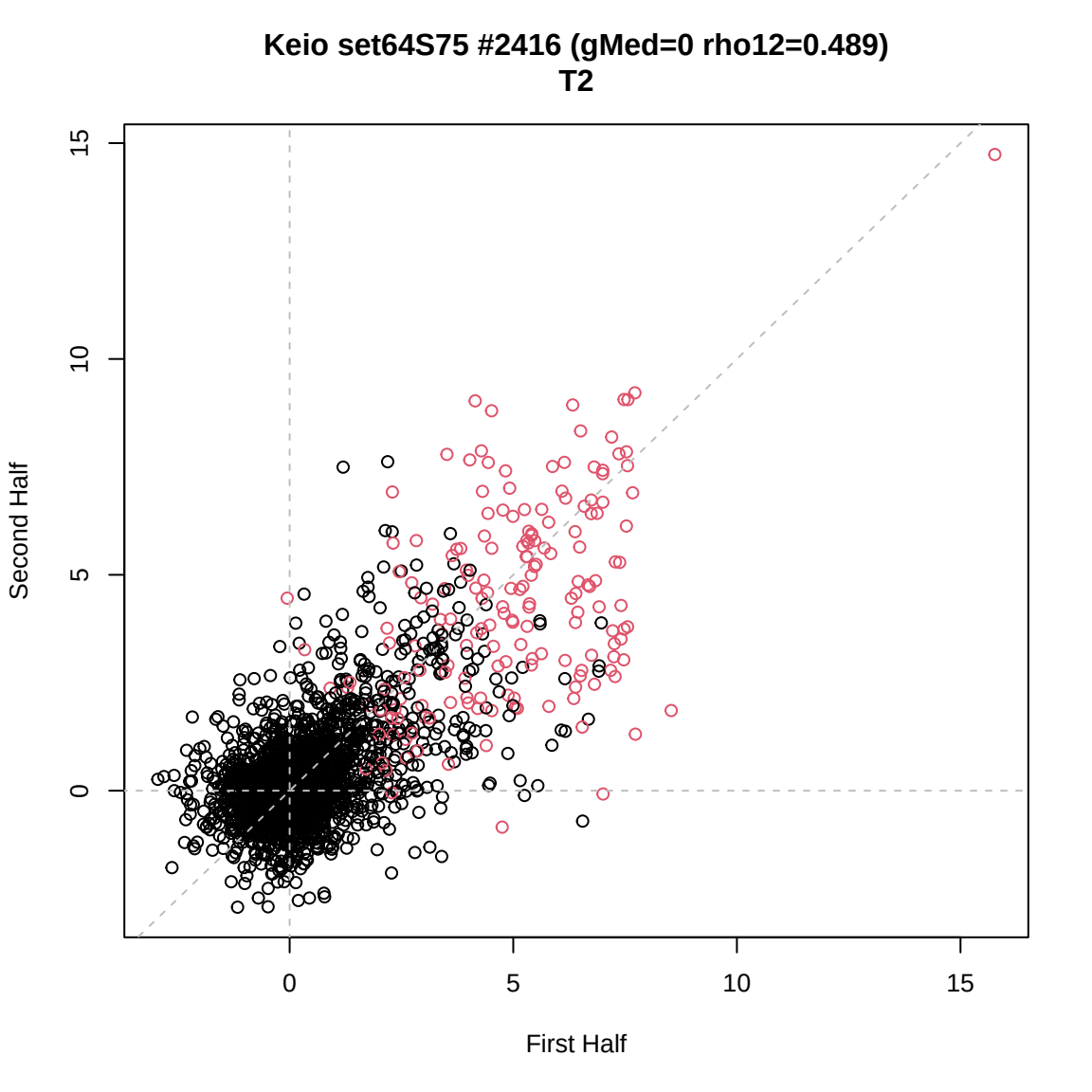

Keio set64S64 #2411 (gMed=0 rho12=0.466)
EV219
Second Half
First Half
−2
0
2
4
6
8
10

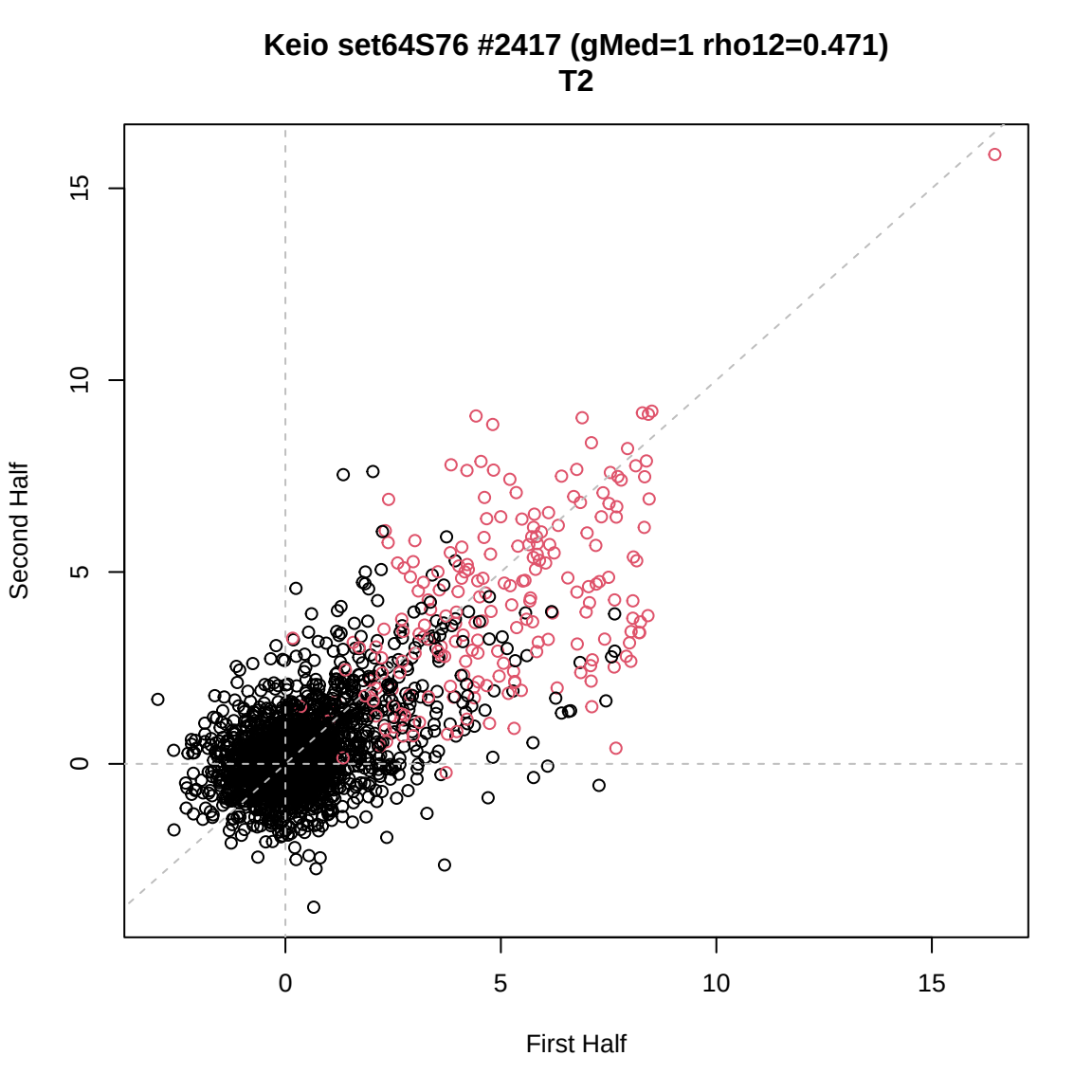

Keio set64S65 #2412 (gMed=2 rho12=0.469)
CEV1
Second Half
First Half
15
10
5
0
0
5
10
15

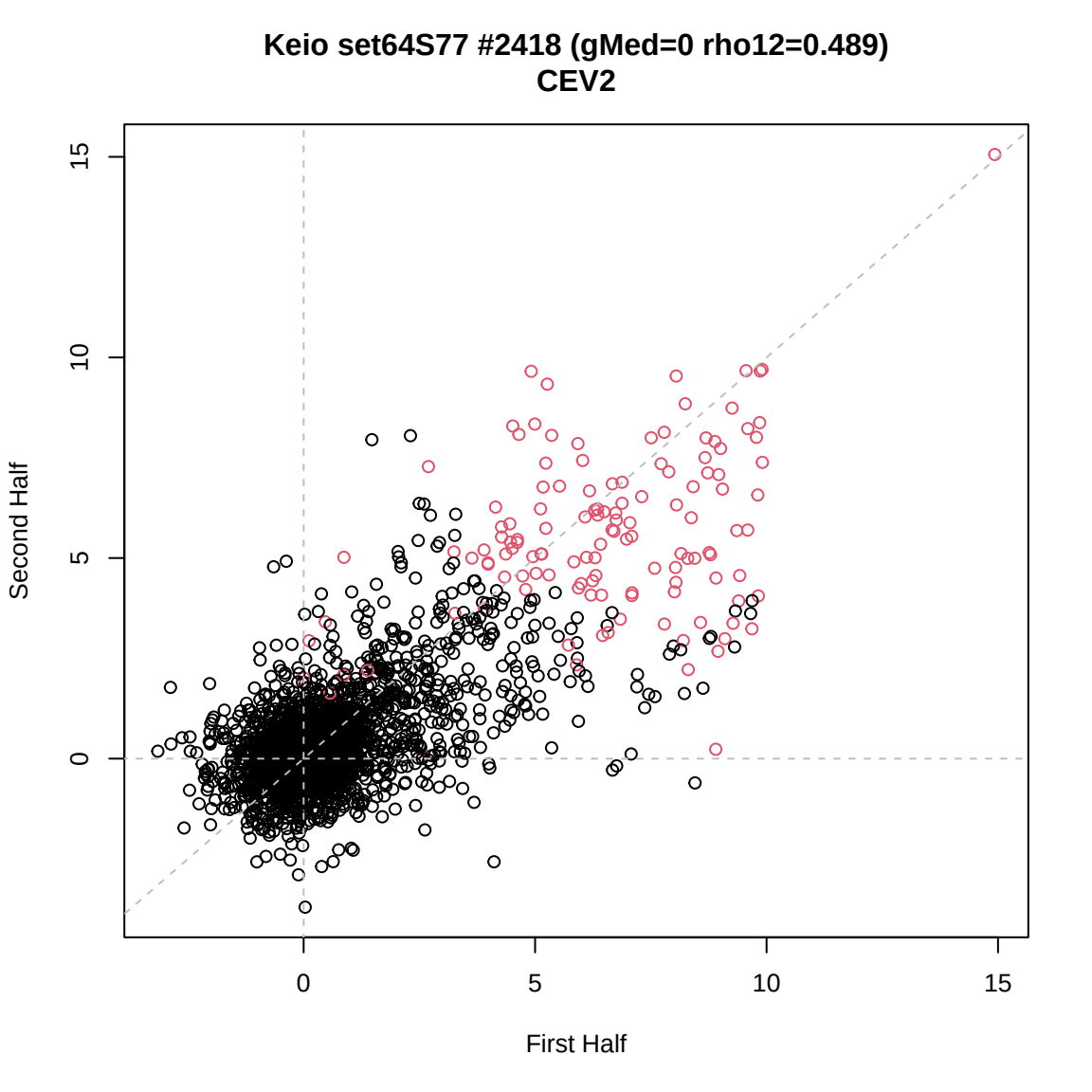

Keio set64S66 #2413 (gMed=3 rho12=0.454)
CEV1
Second Half
First Half
0
5
10
0
5
10

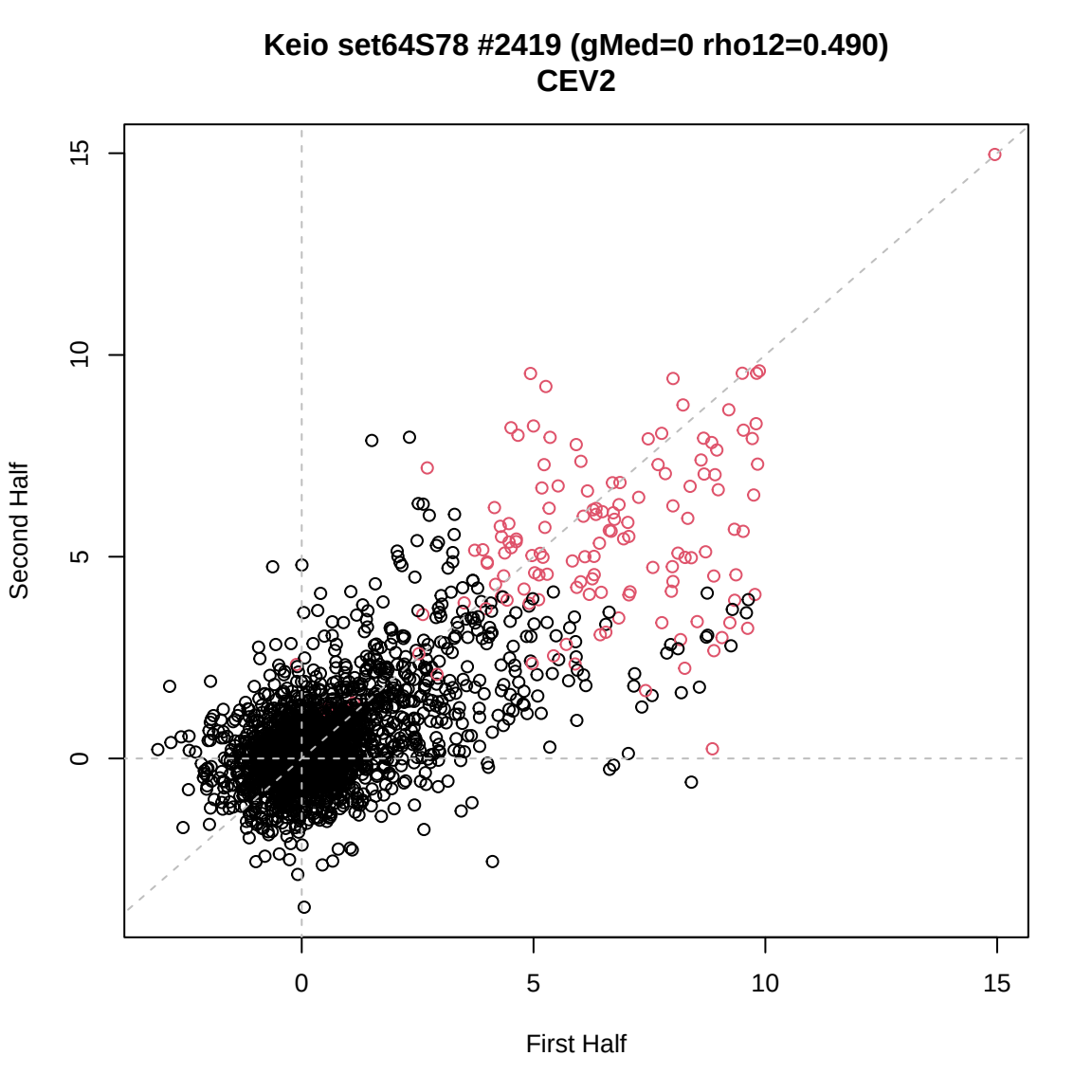

Keio set64S73 #2414 (gMed=0 rho12=0.471)
CM1
Second Half
First Half
0
5
10
15

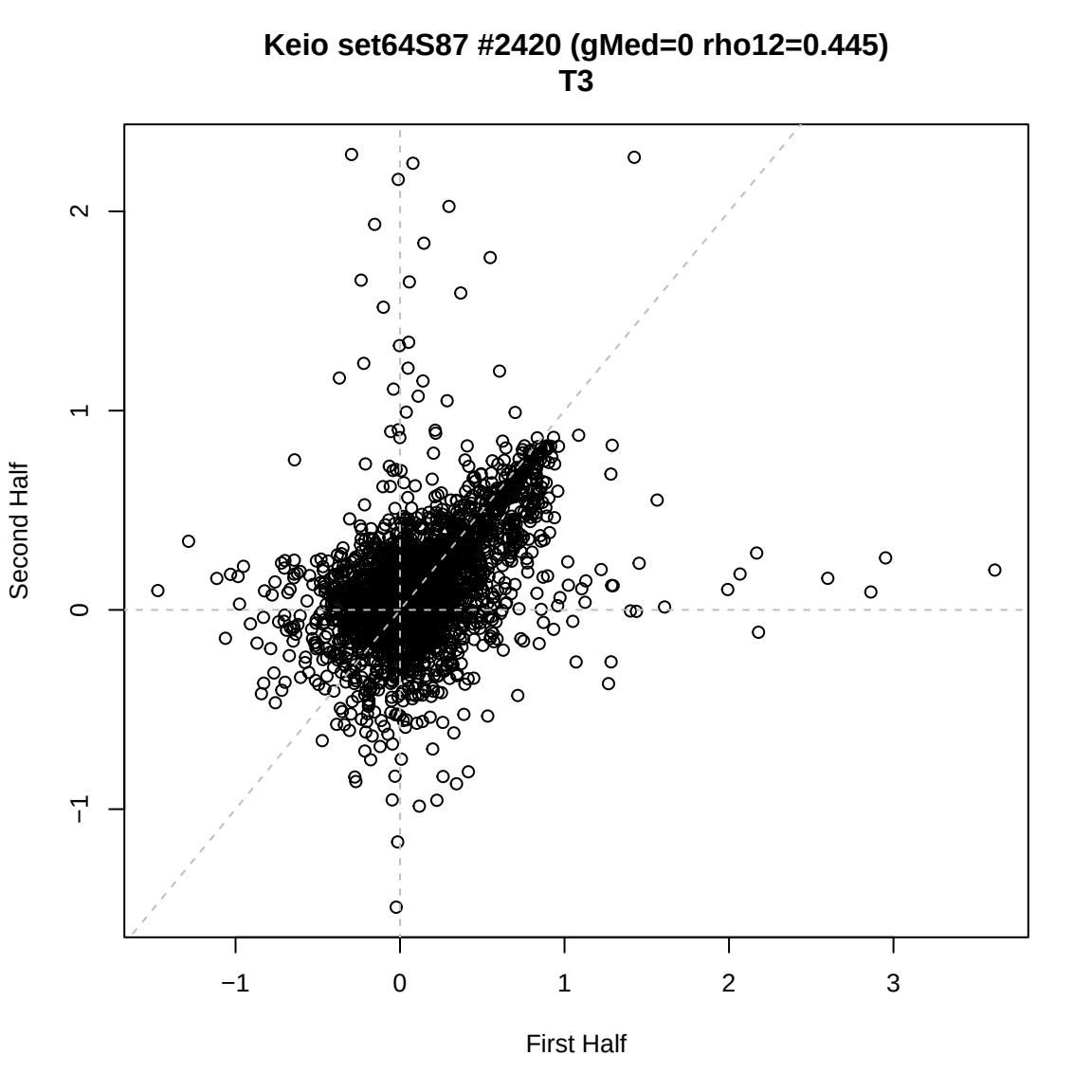

Keio set64S74 #2415 (gMed=0 rho12=0.470)
CM1
Second Half
First Half
0
5
10
15

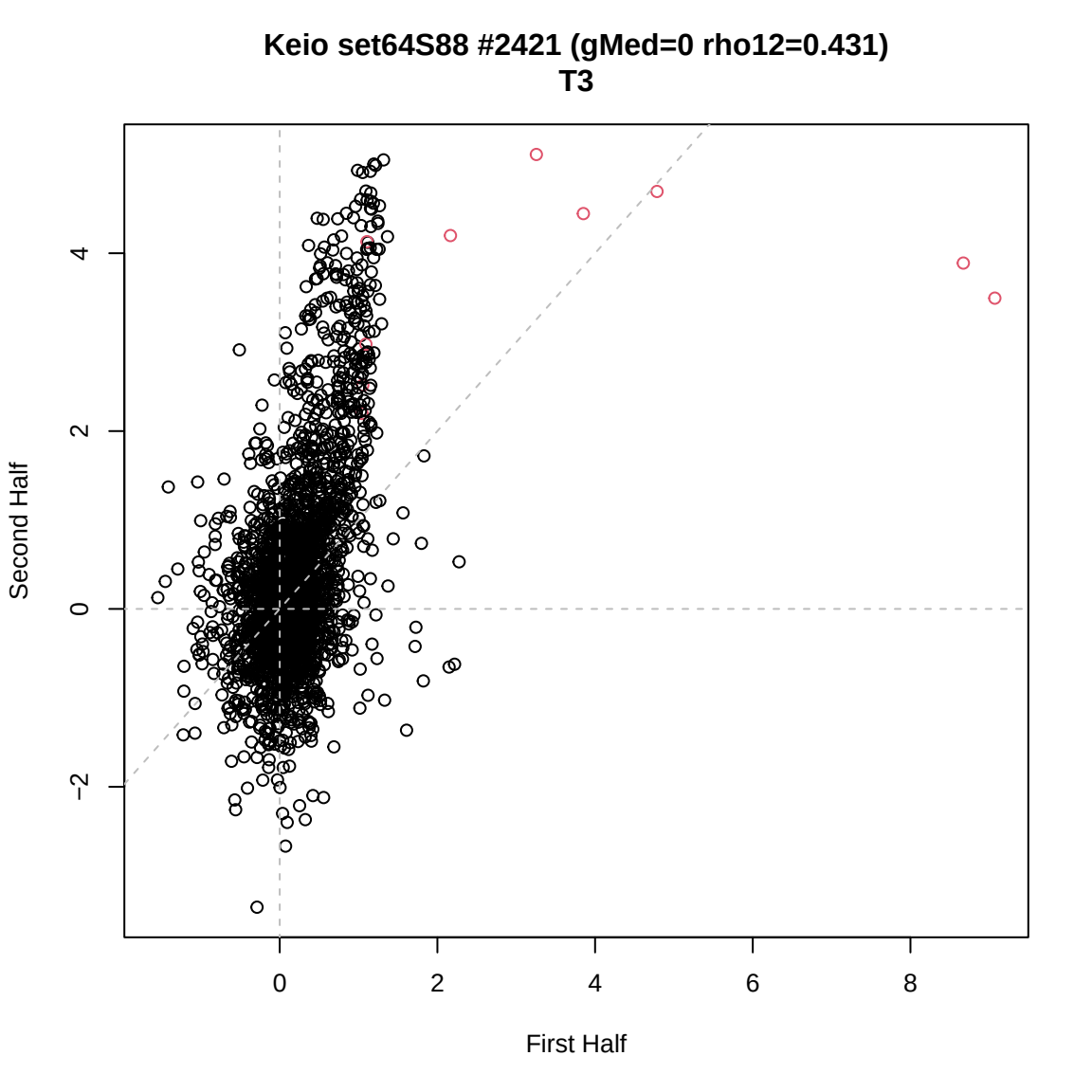

Keio set64S75 #2416 (gMed=0 rho12=0.489)
T2
Second Half
First Half
0
5
10
15
0
5
10
15

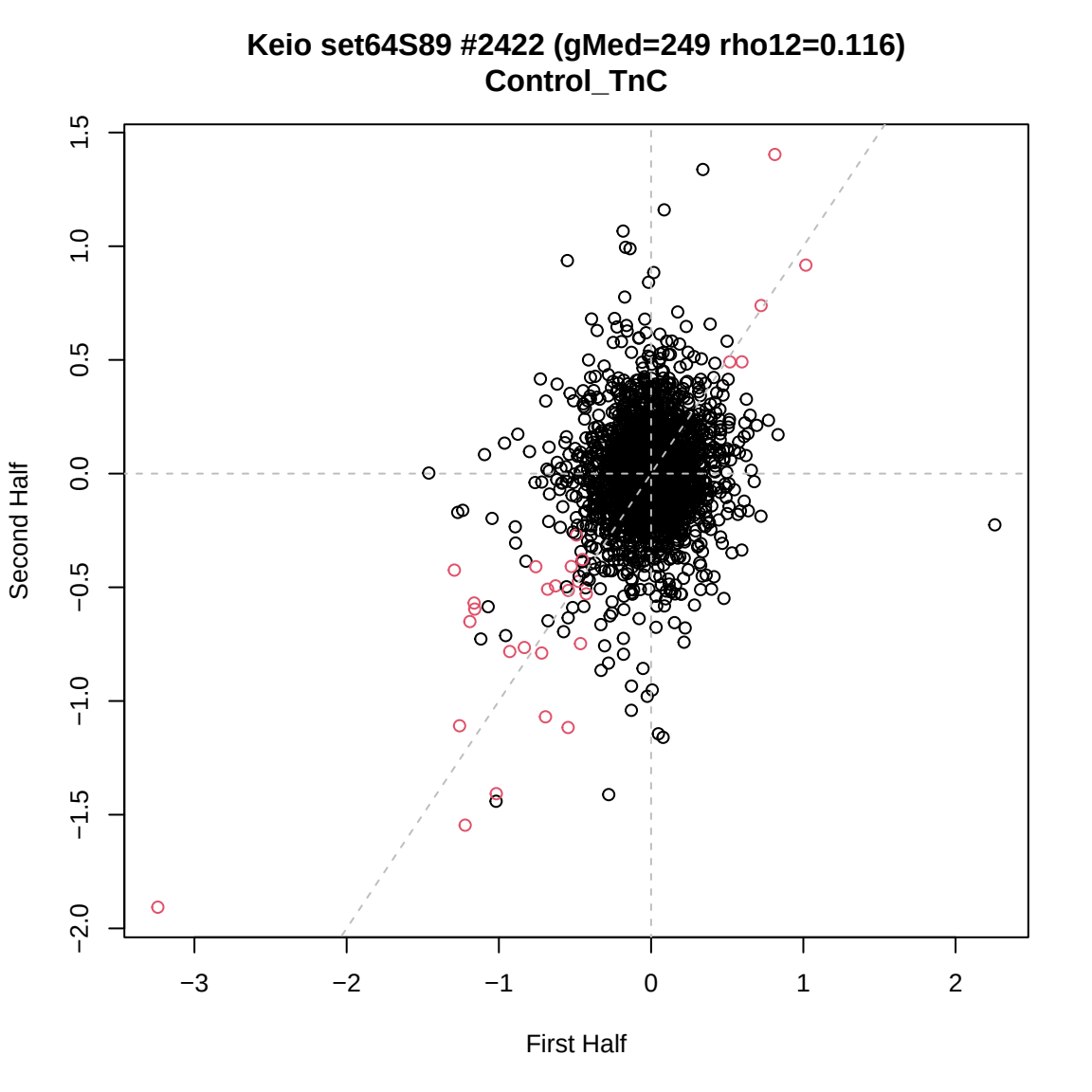

Keio set64S76 #2417 (gMed=1 rho12=0.471)
T2
Second Half
First Half
0
5
10
15
0
5
10
15

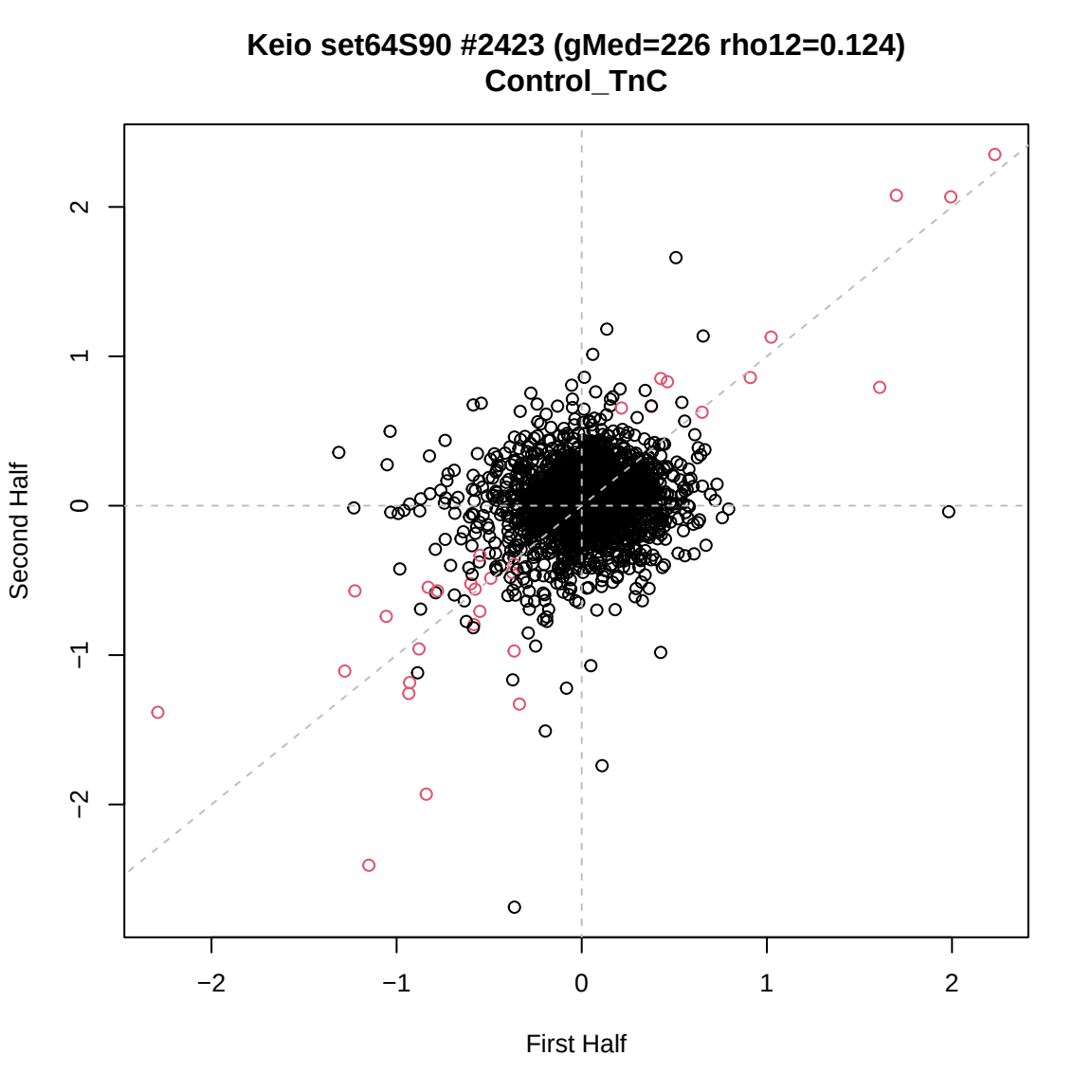

Keio set64S77 #2418 (gMed=0 rho12=0.489)
CEV2
Second Half
First Half
0
5
10
15

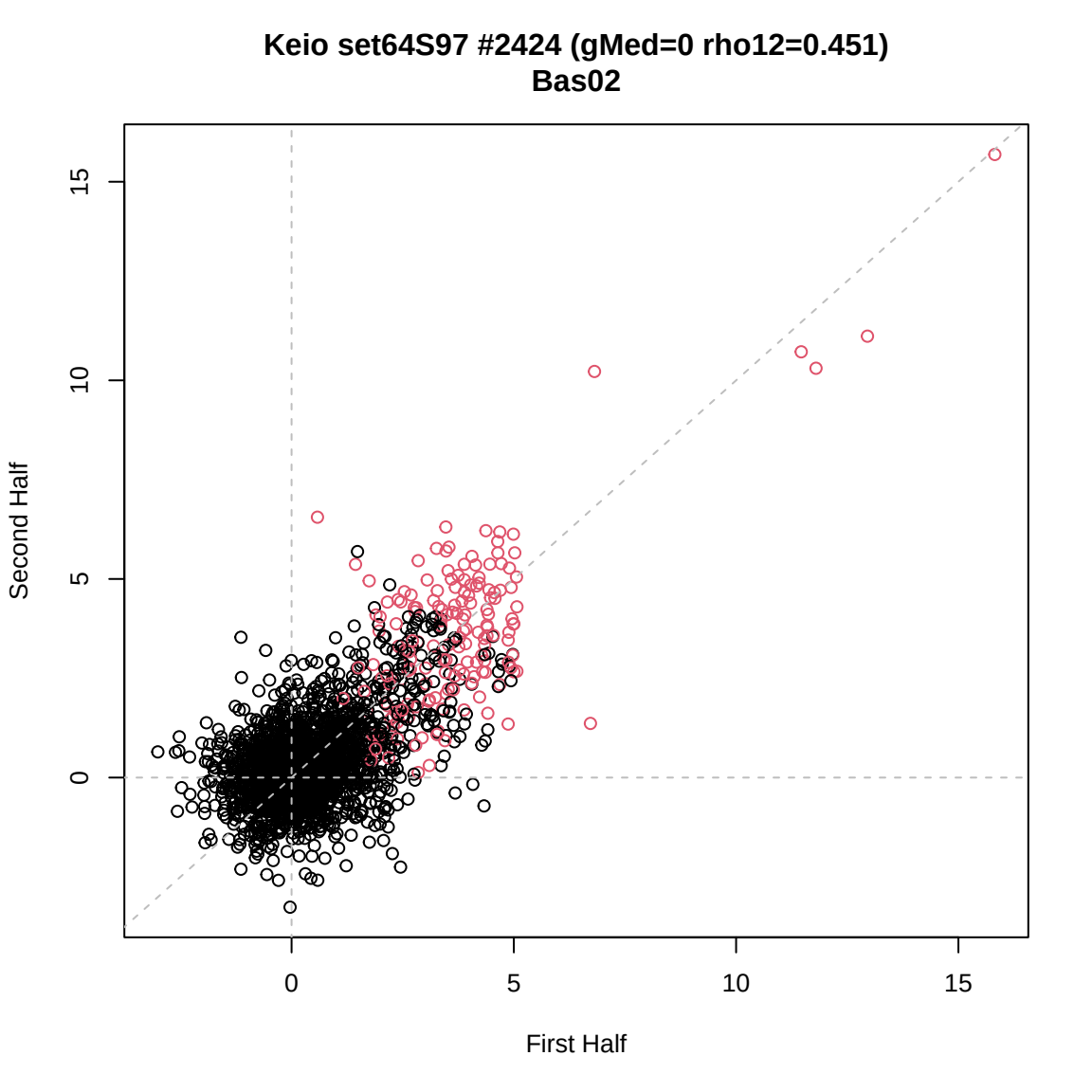

Keio set64S78 #2419 (gMed=0 rho12=0.490)
CEV2
Second Half
First Half
0
5
10
15

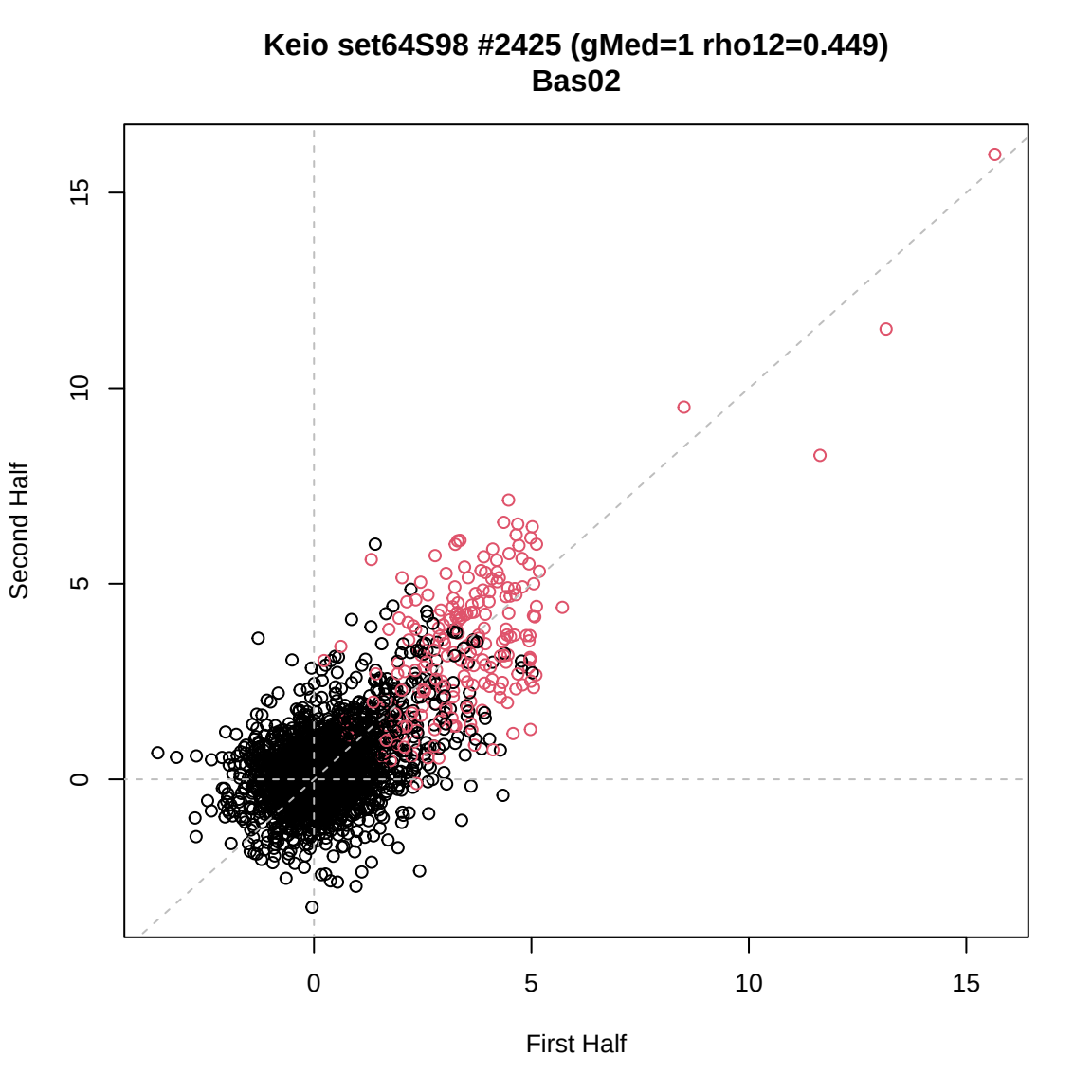

Keio set64S87 #2420 (gMed=0 rho12=0.445)
T3
Second Half
First Half
2
1
0
−1
−1
0
1
2
3

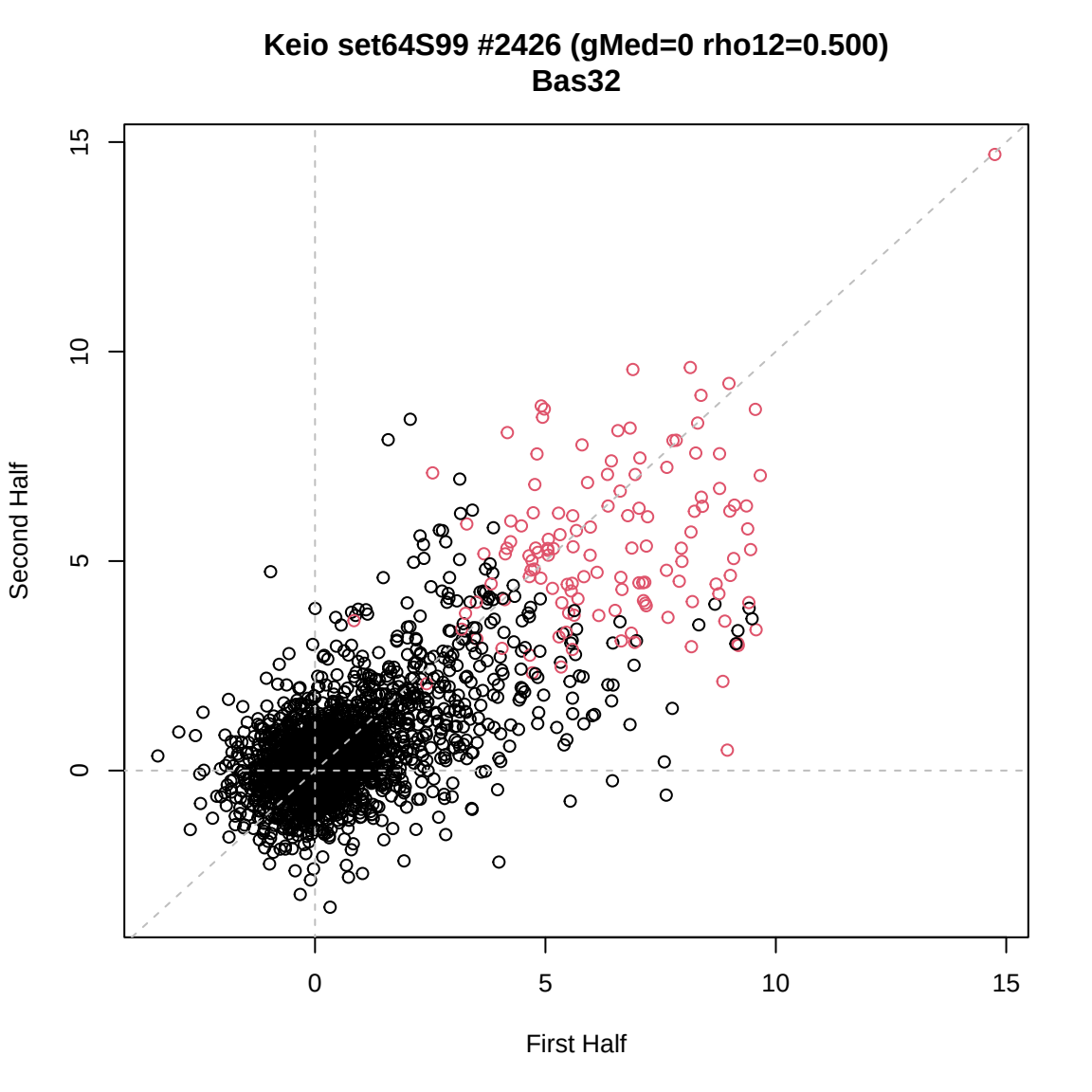

Keio set64S88 #2421 (gMed=0 rho12=0.431)
T3
Second Half
First Half
4
2
0
−2
0
2
4
6
8

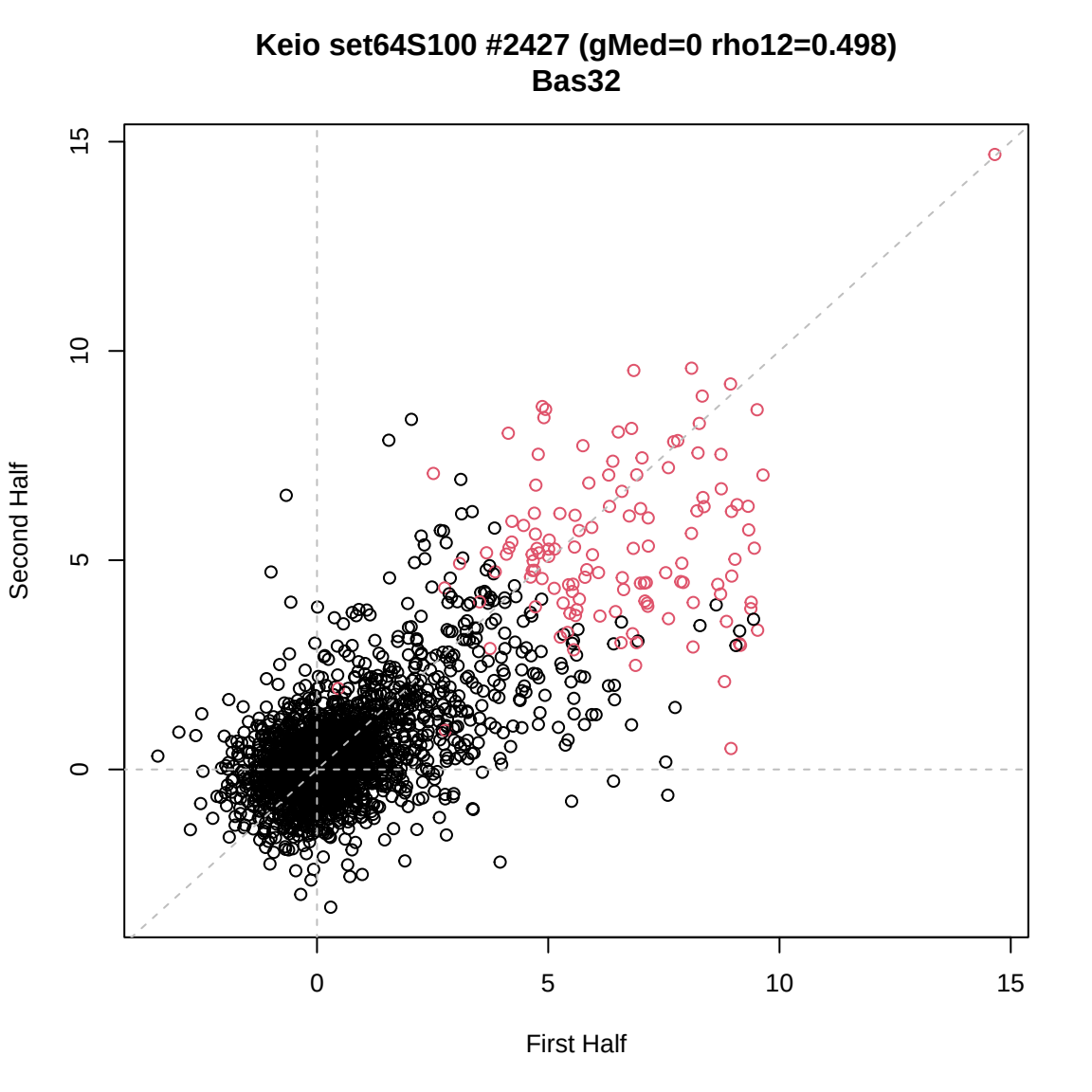

Keio set64S89 #2422 (gMed=249 rho12=0.116)
Control_TnC
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1
2

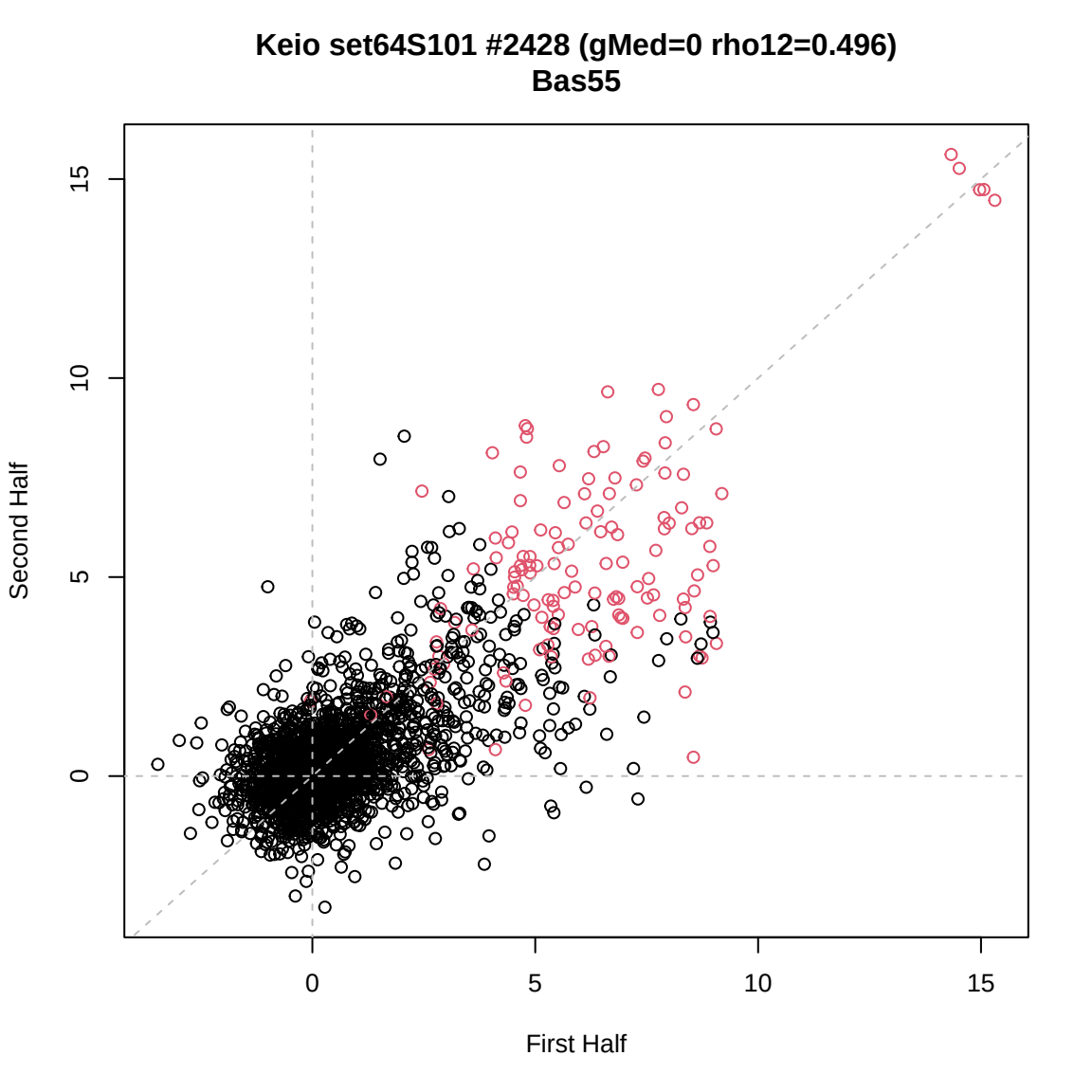

Keio set64S90 #2423 (gMed=226 rho12=0.124)
Control_TnC
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

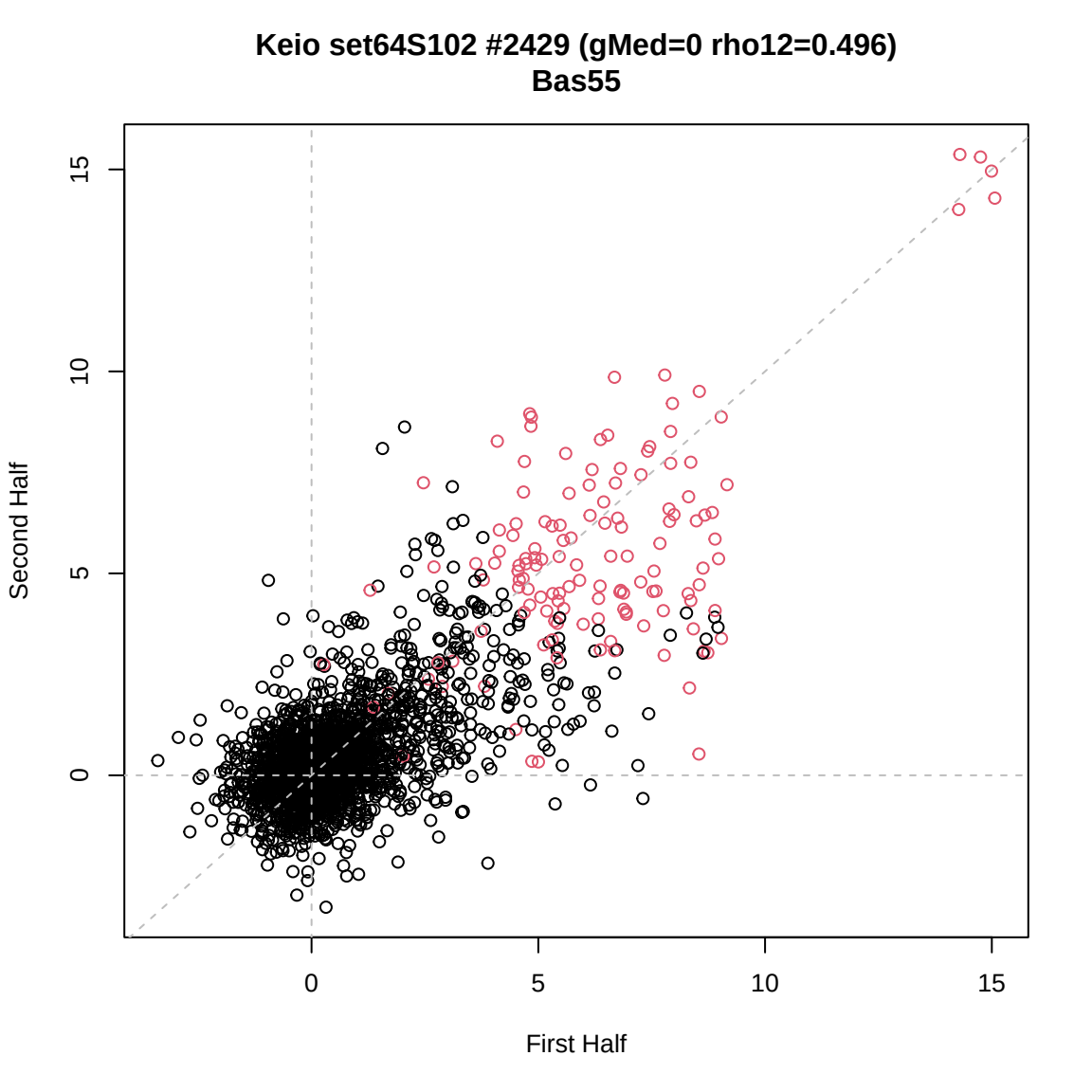

Keio set64S97 #2424 (gMed=0 rho12=0.451)
Bas02
Second Half
First Half
0
5
10
15

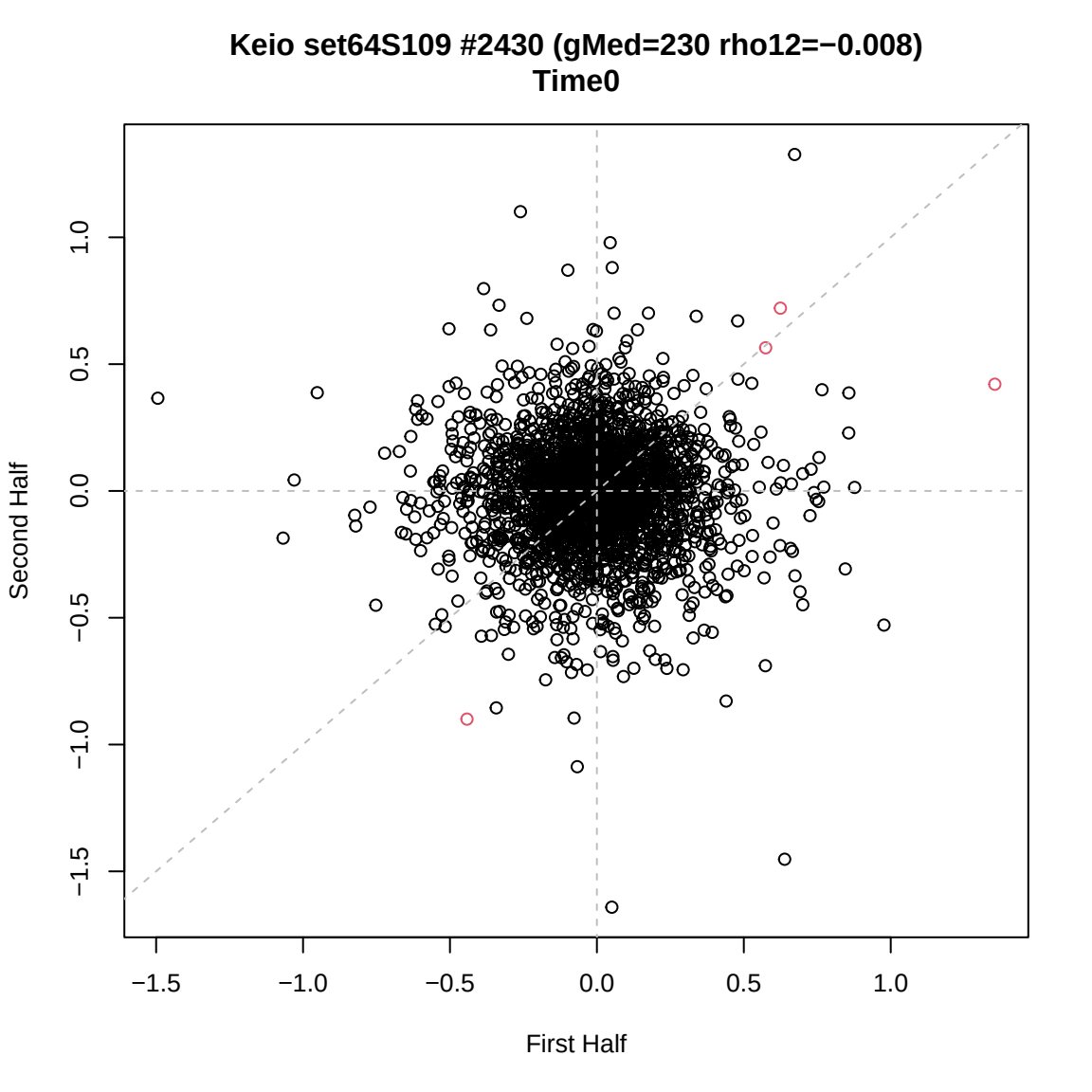

Keio set64S98 #2425 (gMed=1 rho12=0.449)
Bas02
Second Half
First Half
0
5
10
15

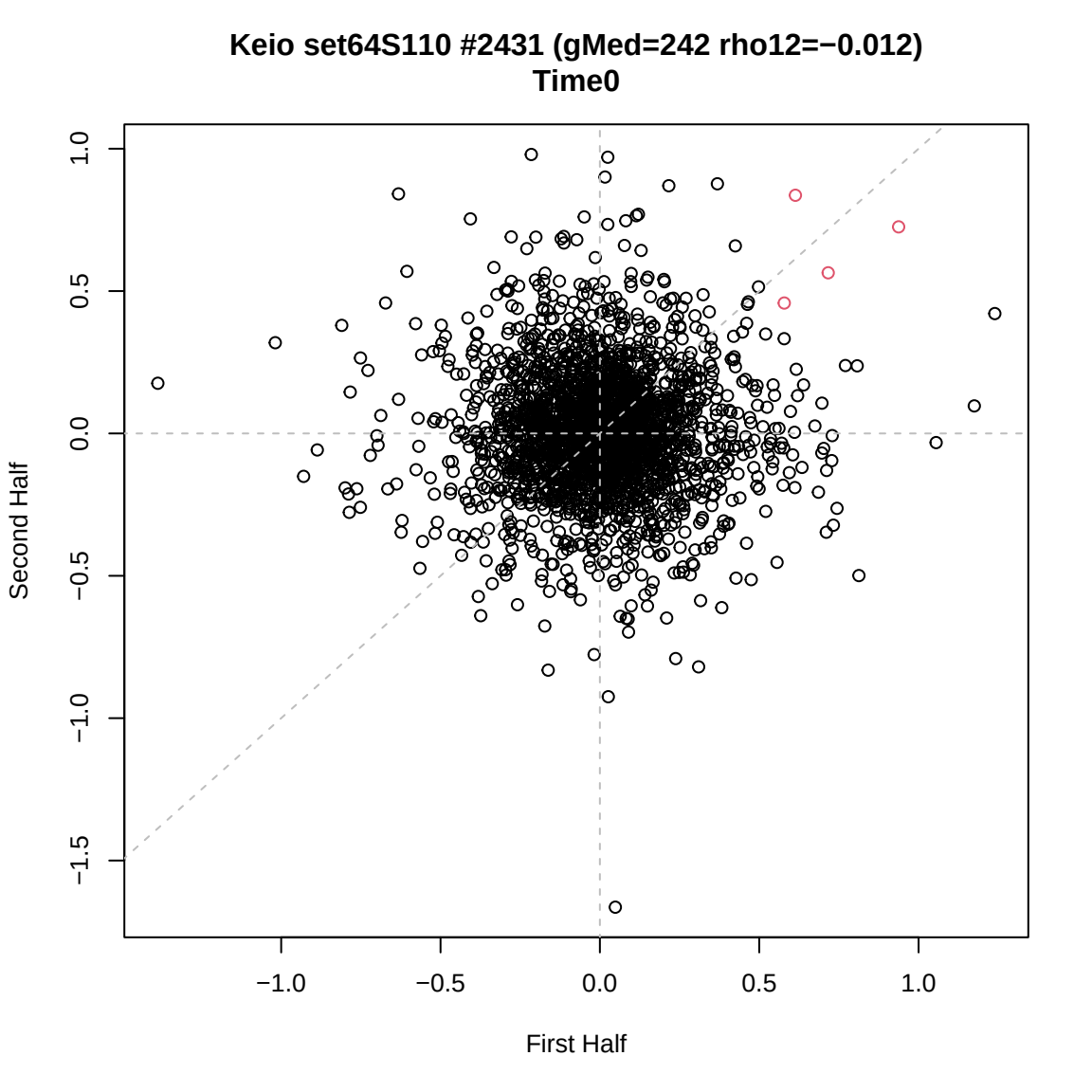

Keio set64S99 #2426 (gMed=0 rho12=0.500)
Bas32
Second Half
First Half
0
5
10
15

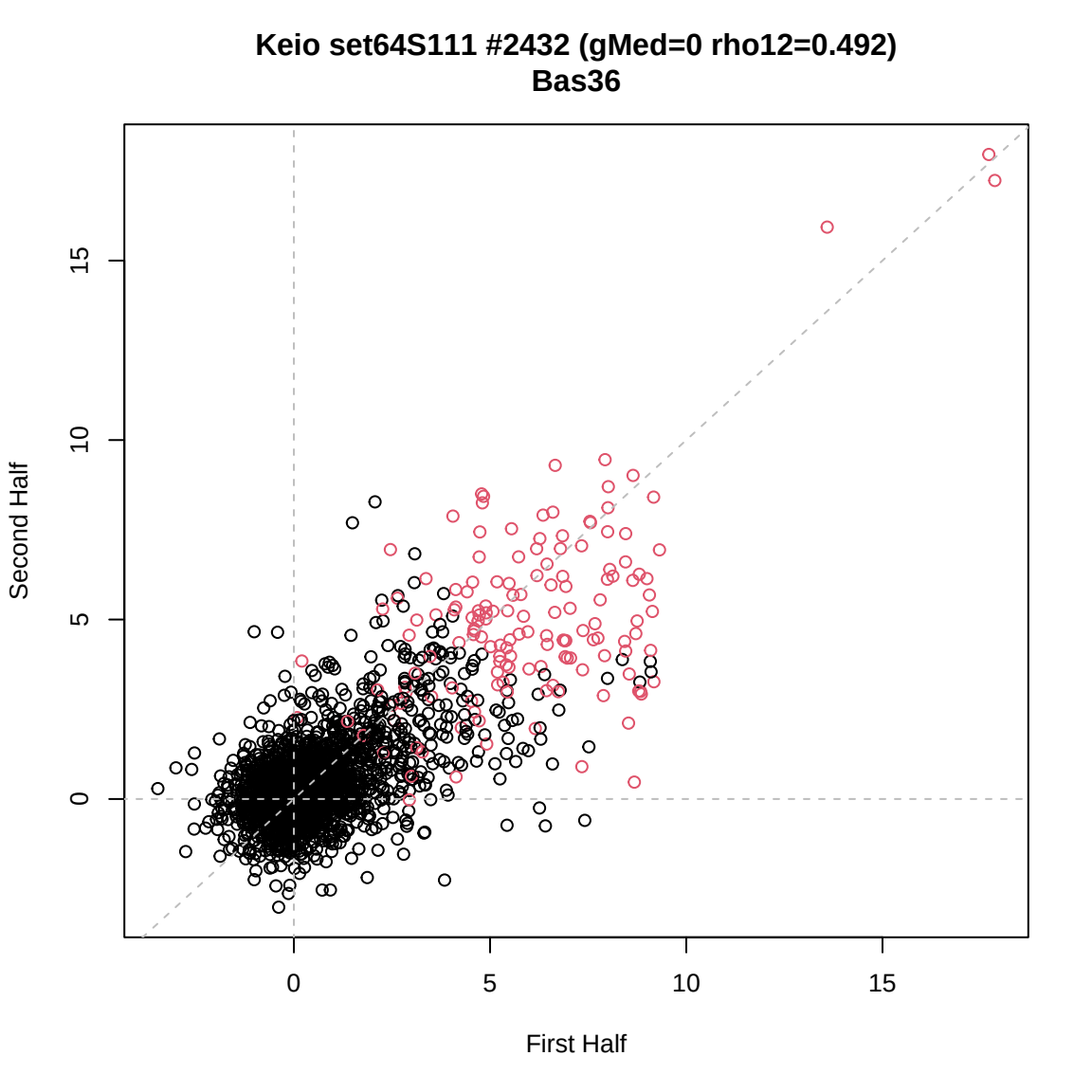

Keio set64S100 #2427 (gMed=0 rho12=0.498)
Bas32
Second Half
First Half
15
10
5
0
0
5
10
15

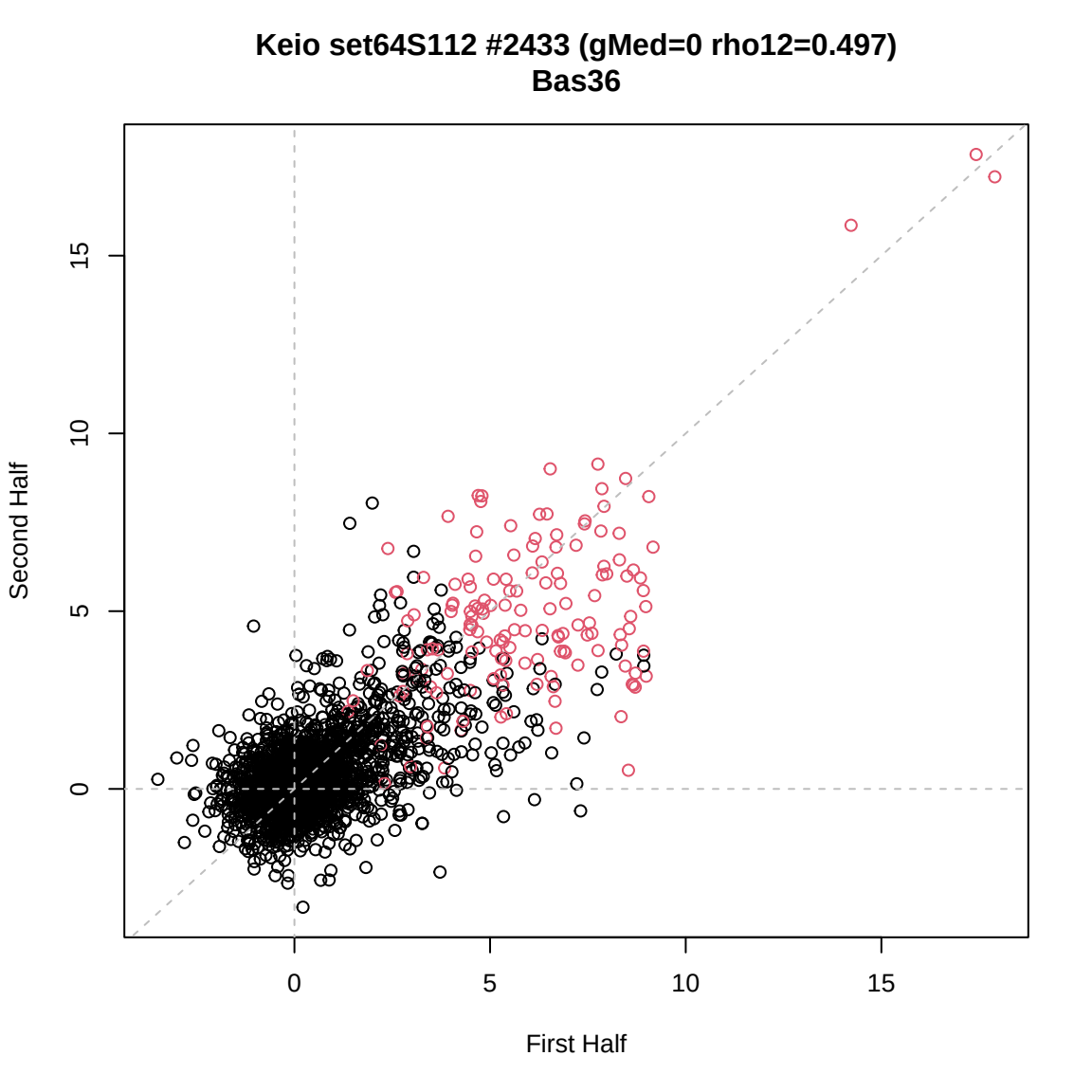

Keio set64S101 #2428 (gMed=0 rho12=0.496)
Bas55
Second Half
First Half
0
5
10
15

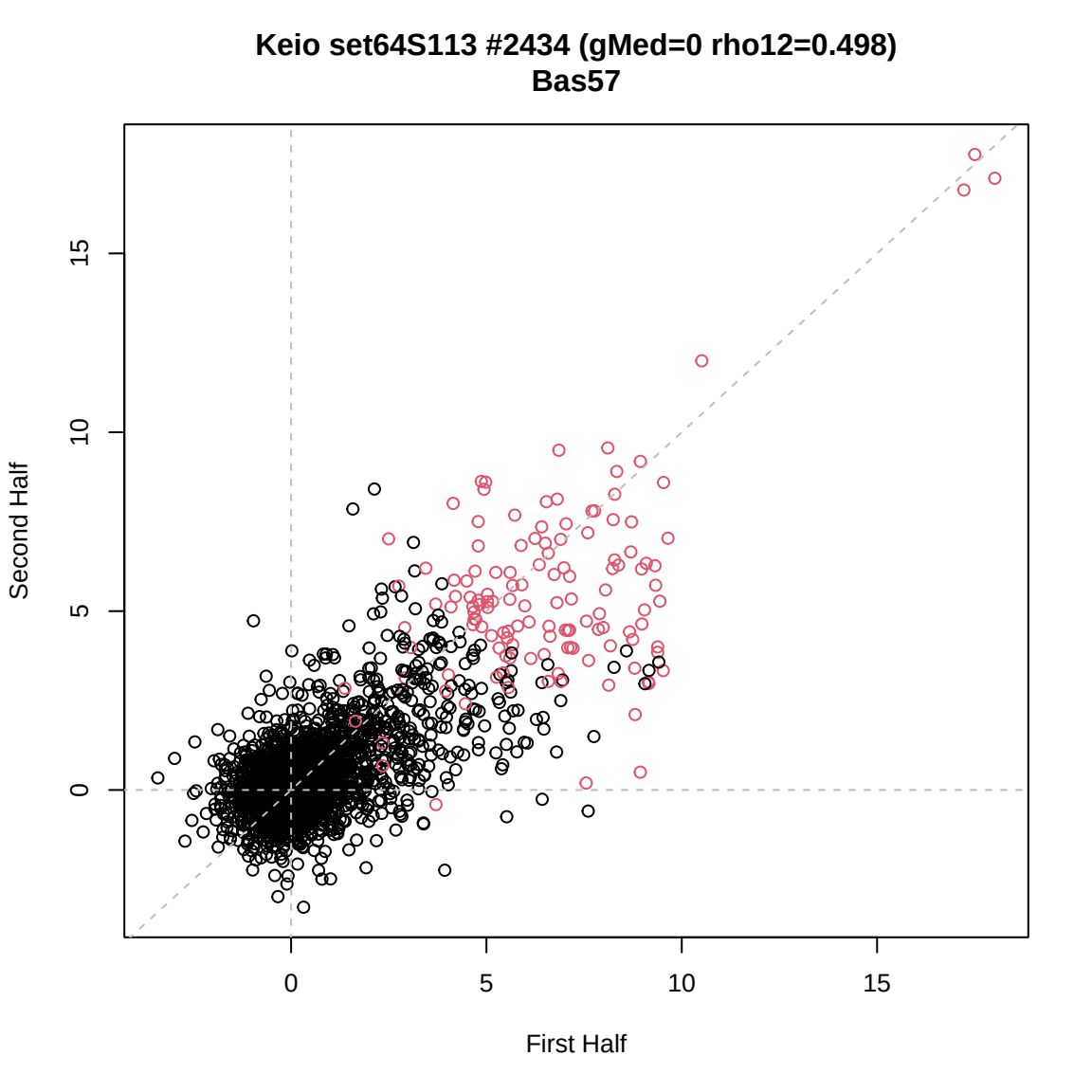

Keio set64S102 #2429 (gMed=0 rho12=0.496)
Bas55
Second Half
First Half
0
5
10
15

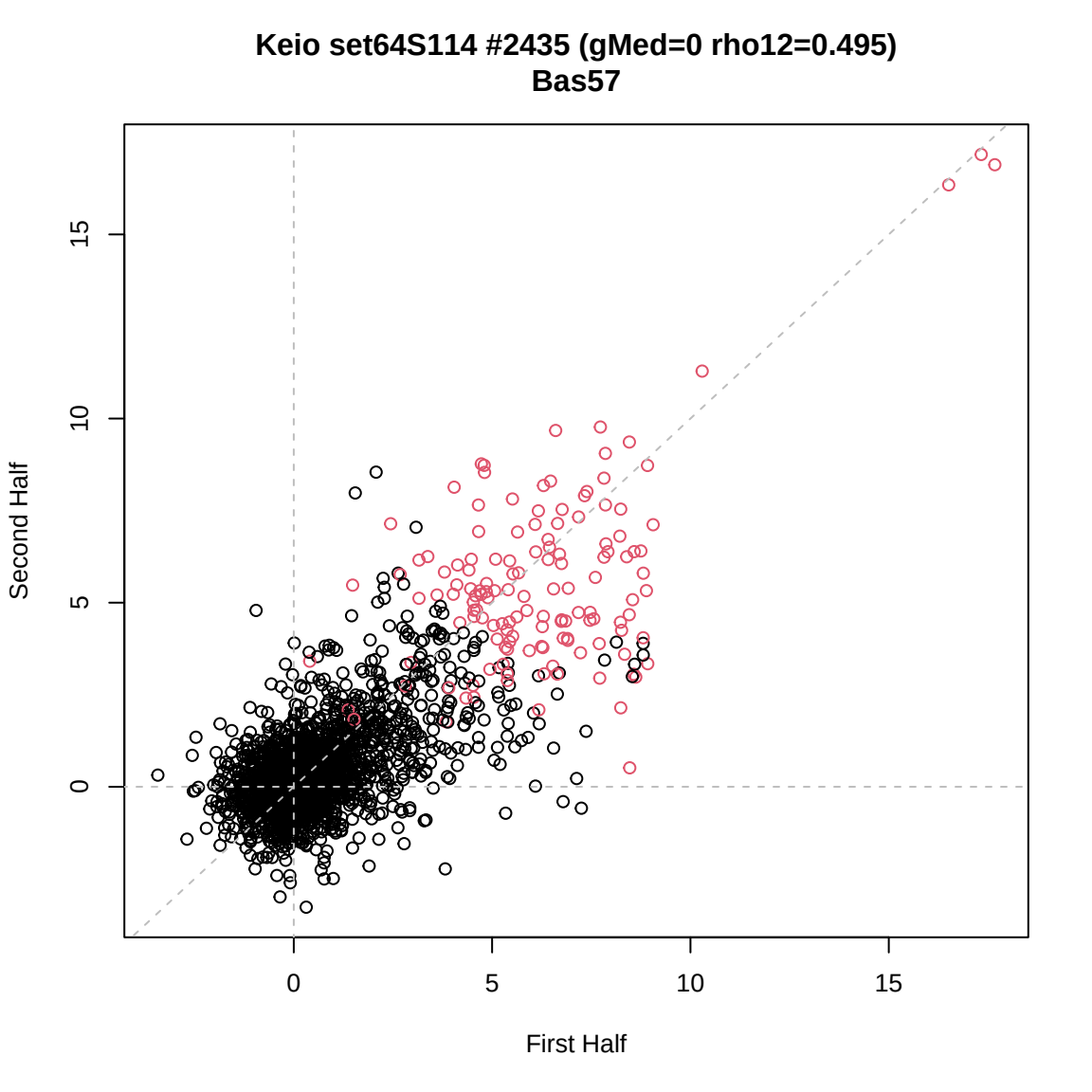

Keio set64S109 #2430 (gMed=230 rho12=−0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

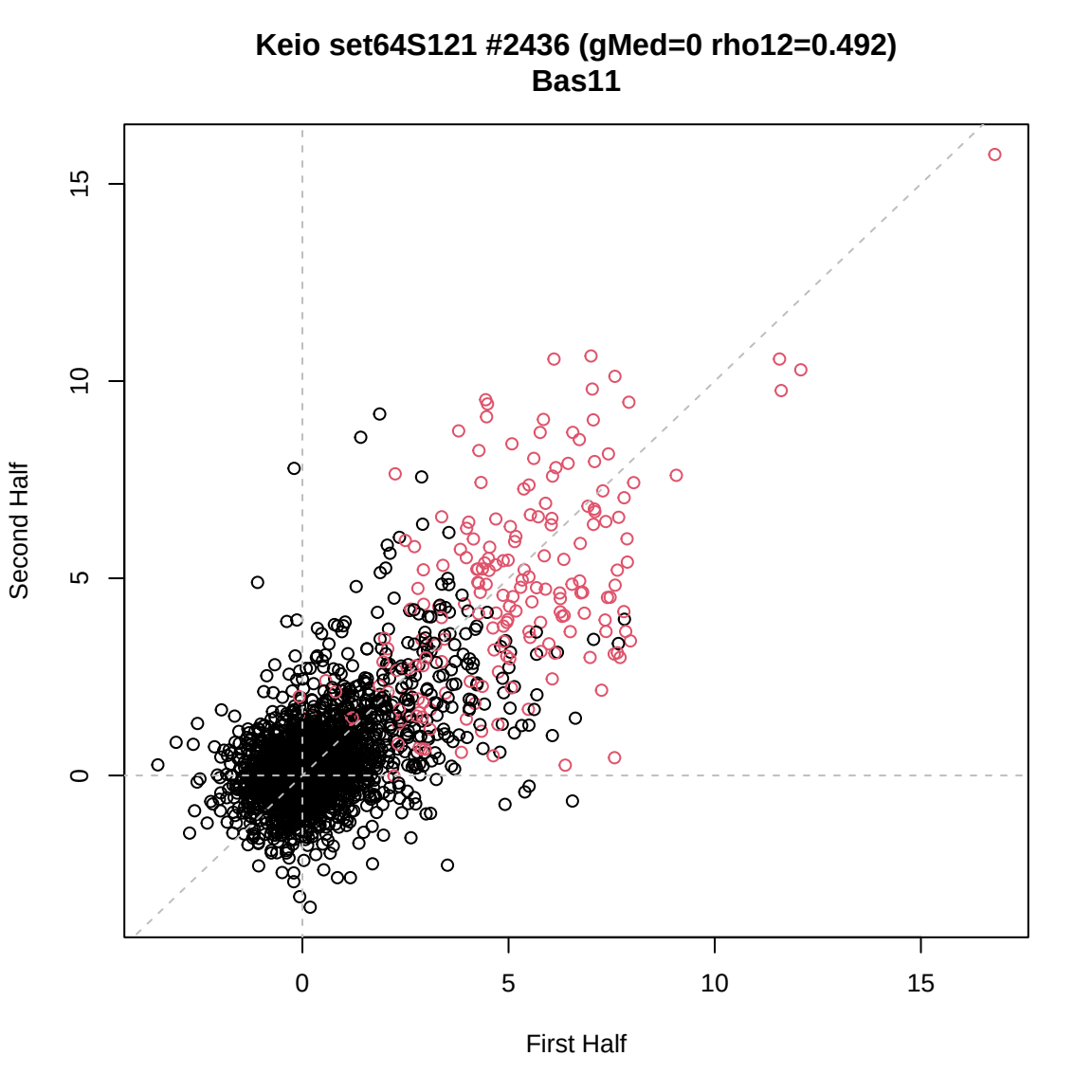

Keio set64S110 #2431 (gMed=242 rho12=−0.012)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

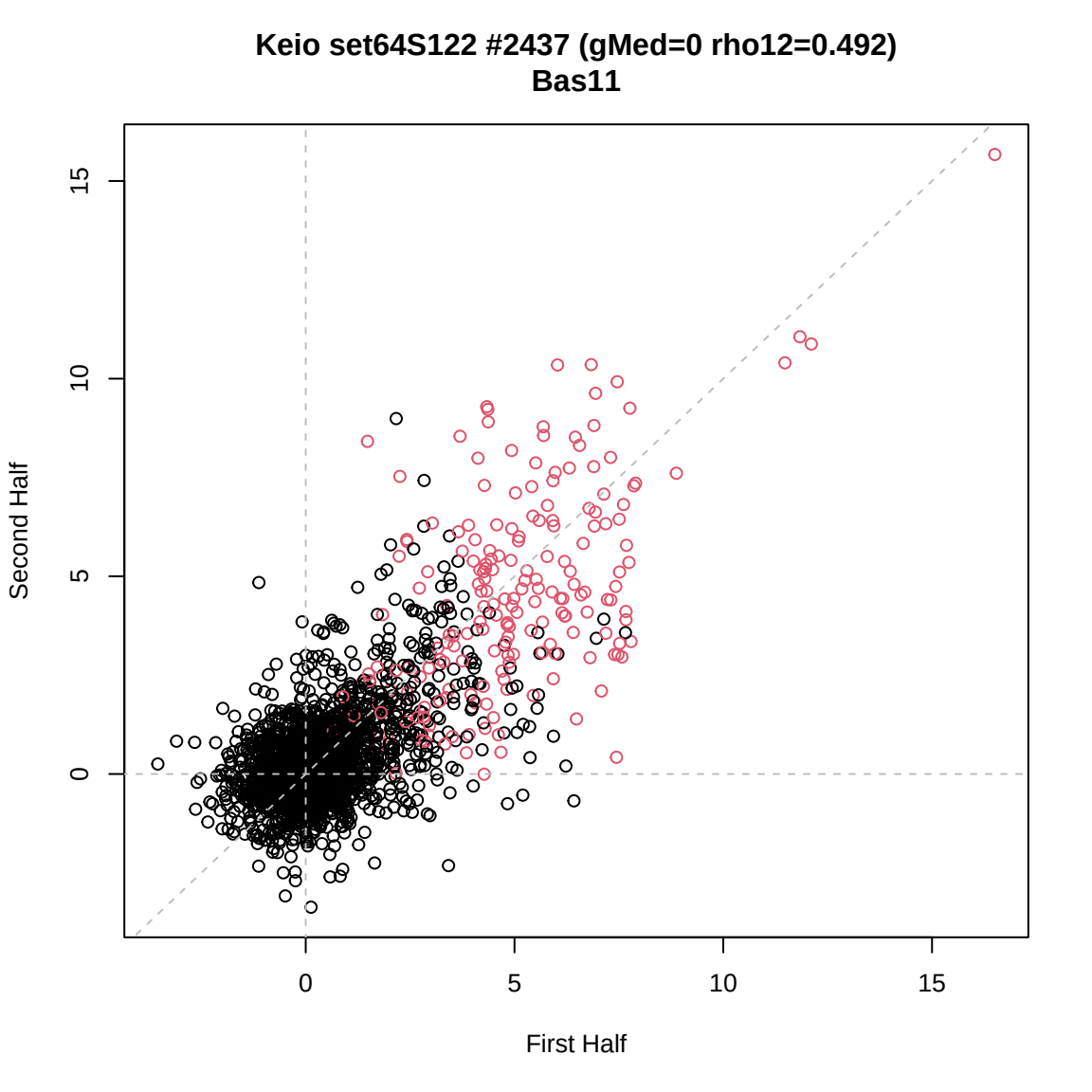

Keio set64S111 #2432 (gMed=0 rho12=0.492)
Bas36
Second Half
First Half
0
5
10
15

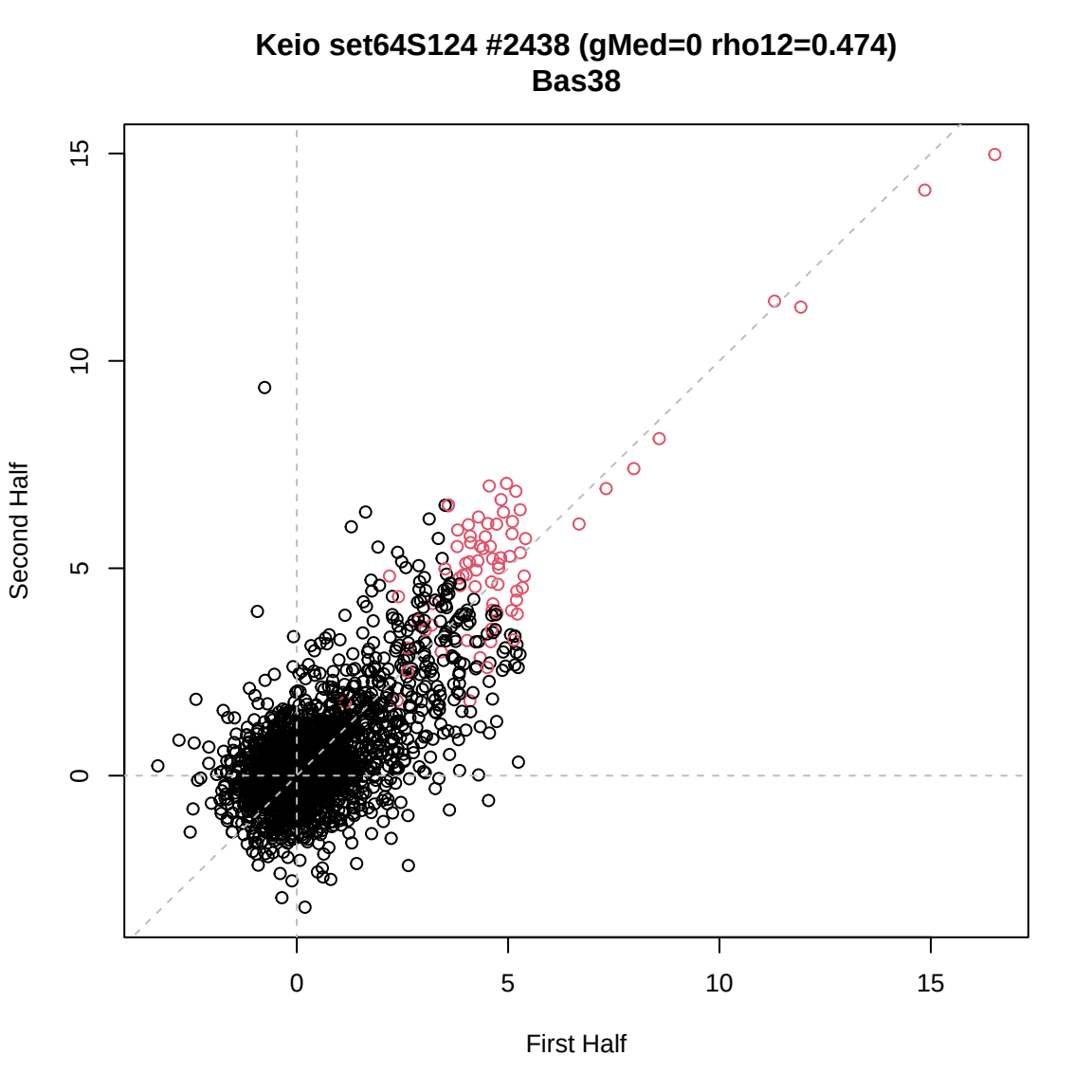

Keio set64S112 #2433 (gMed=0 rho12=0.497)
Bas36
Second Half
First Half
0
5
10
15

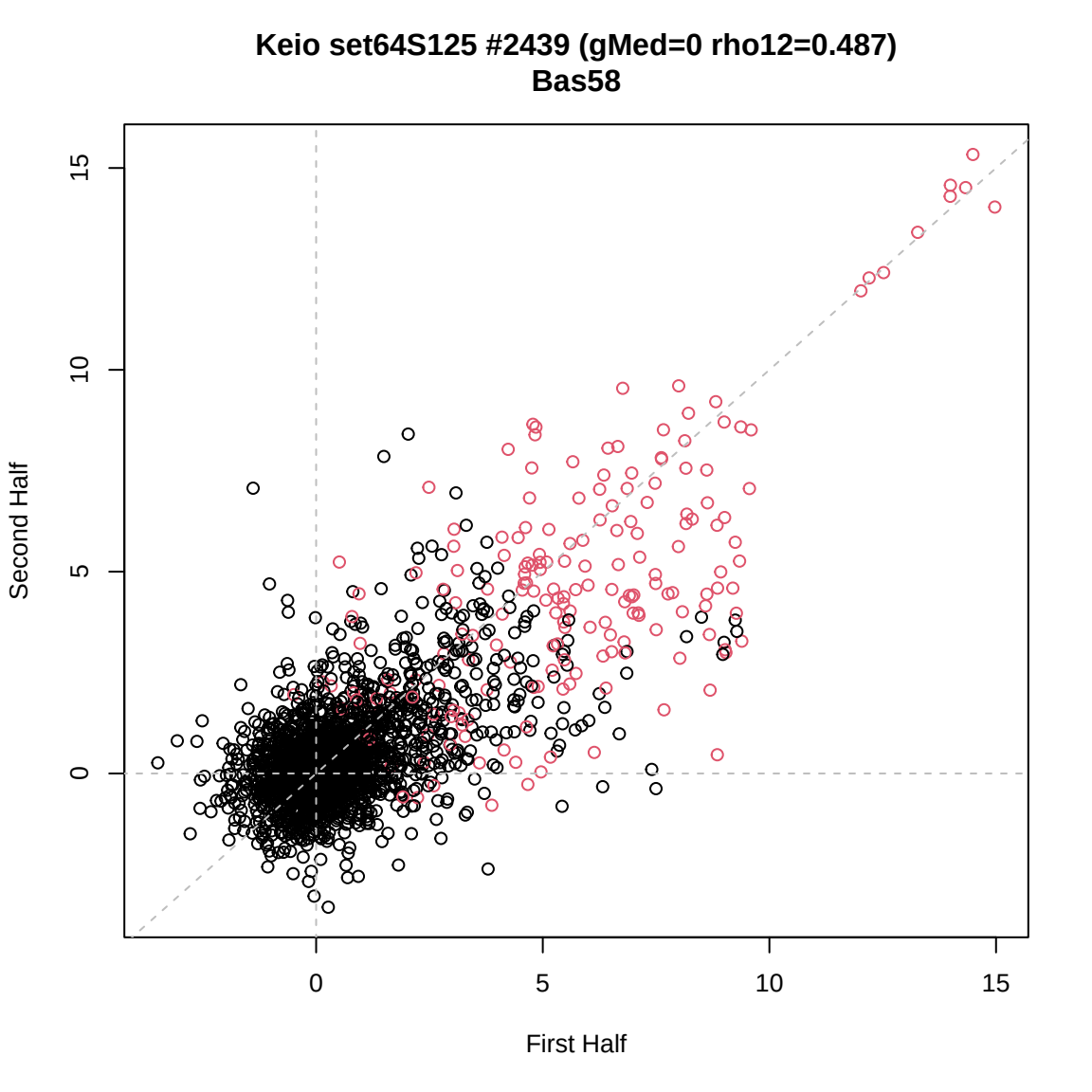

Keio set64S113 #2434 (gMed=0 rho12=0.498)
Bas57
Second Half
First Half
0
5
10
15

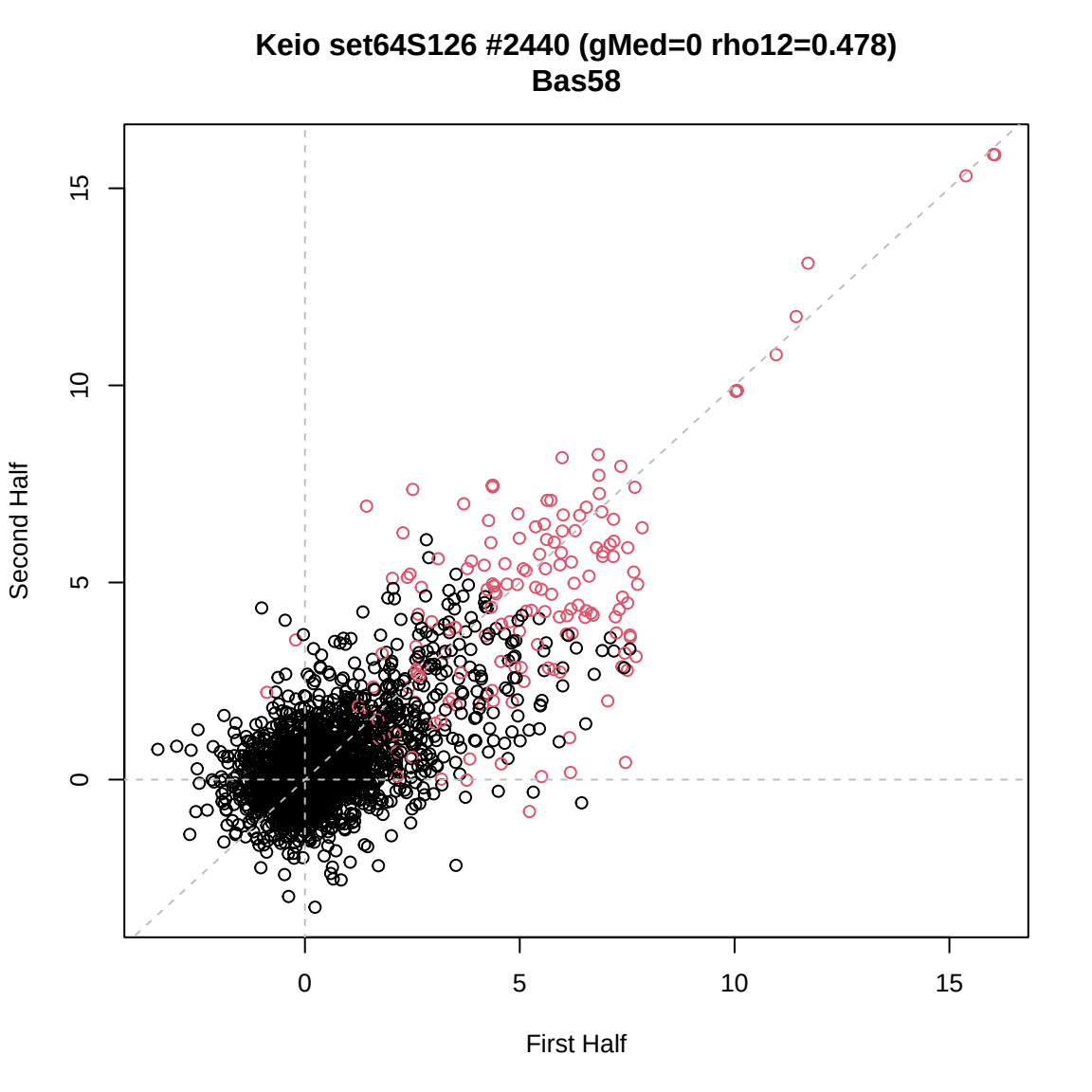

Keio set64S114 #2435 (gMed=0 rho12=0.495)
Bas57
Second Half
First Half
0
5
10
15
0
5
10
15

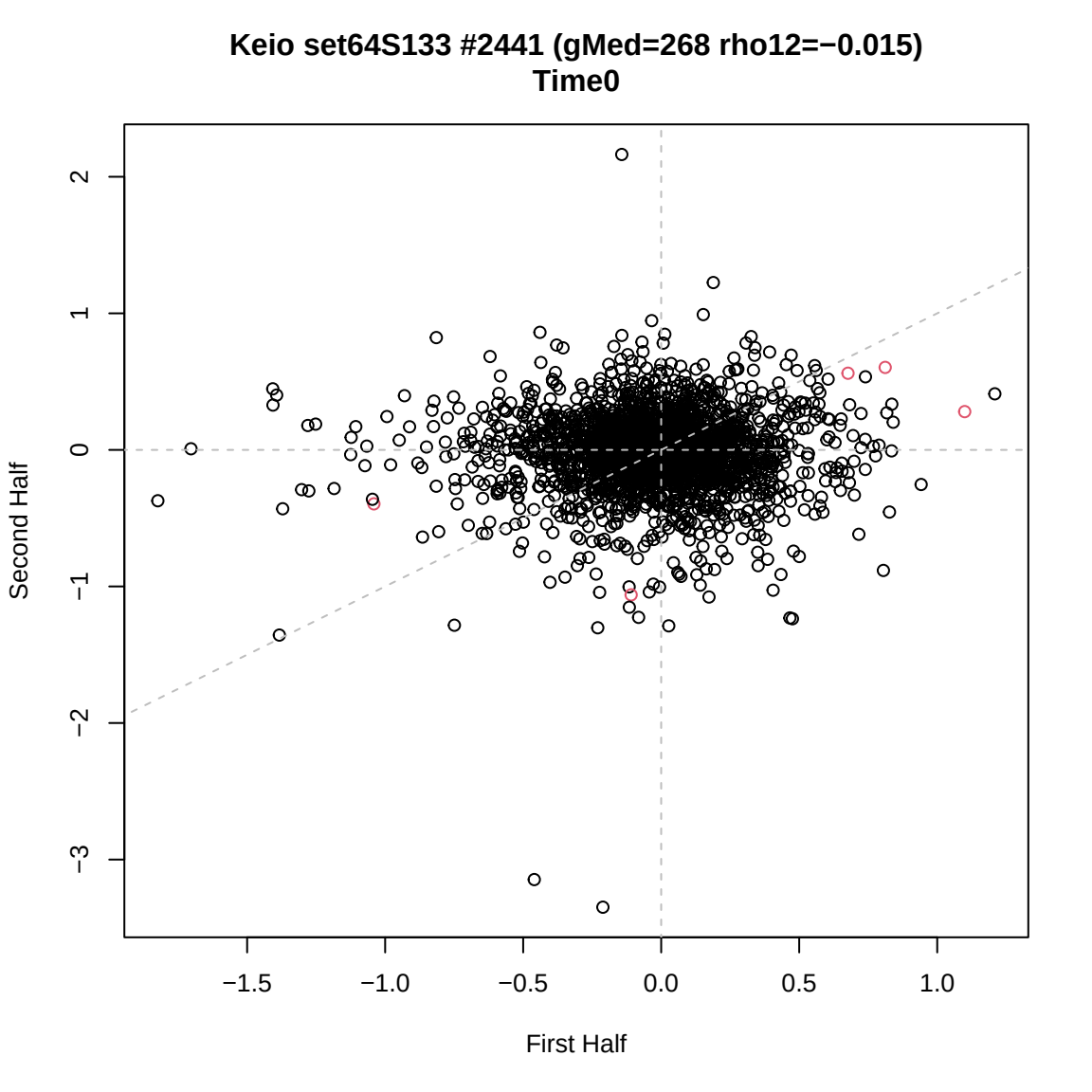

Keio set64S121 #2436 (gMed=0 rho12=0.492)
Bas11
Second Half
First Half
0
5
10
15
0
5
10
15

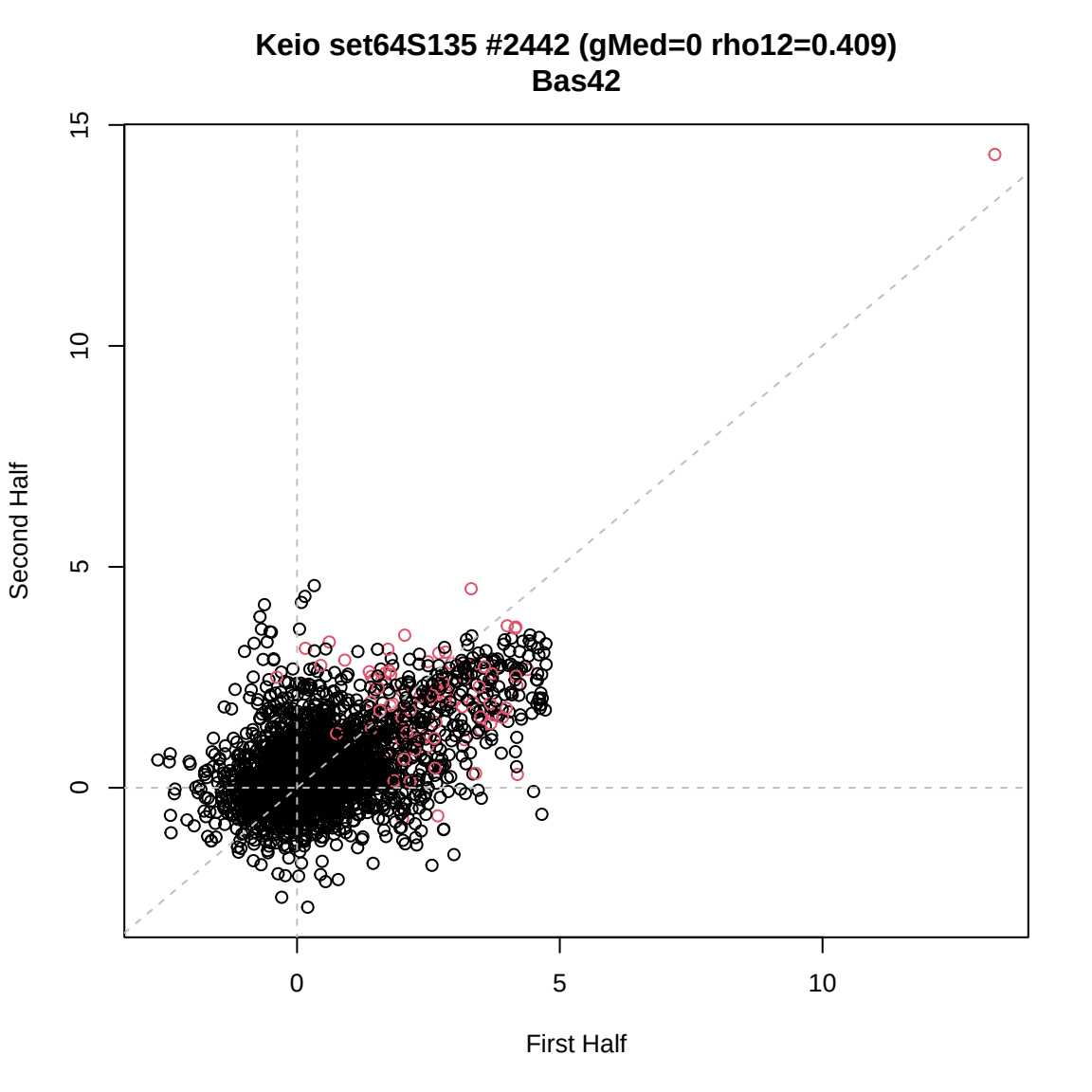

Keio set64S122 #2437 (gMed=0 rho12=0.492)
Bas11
Second Half
First Half
0
5
10
15

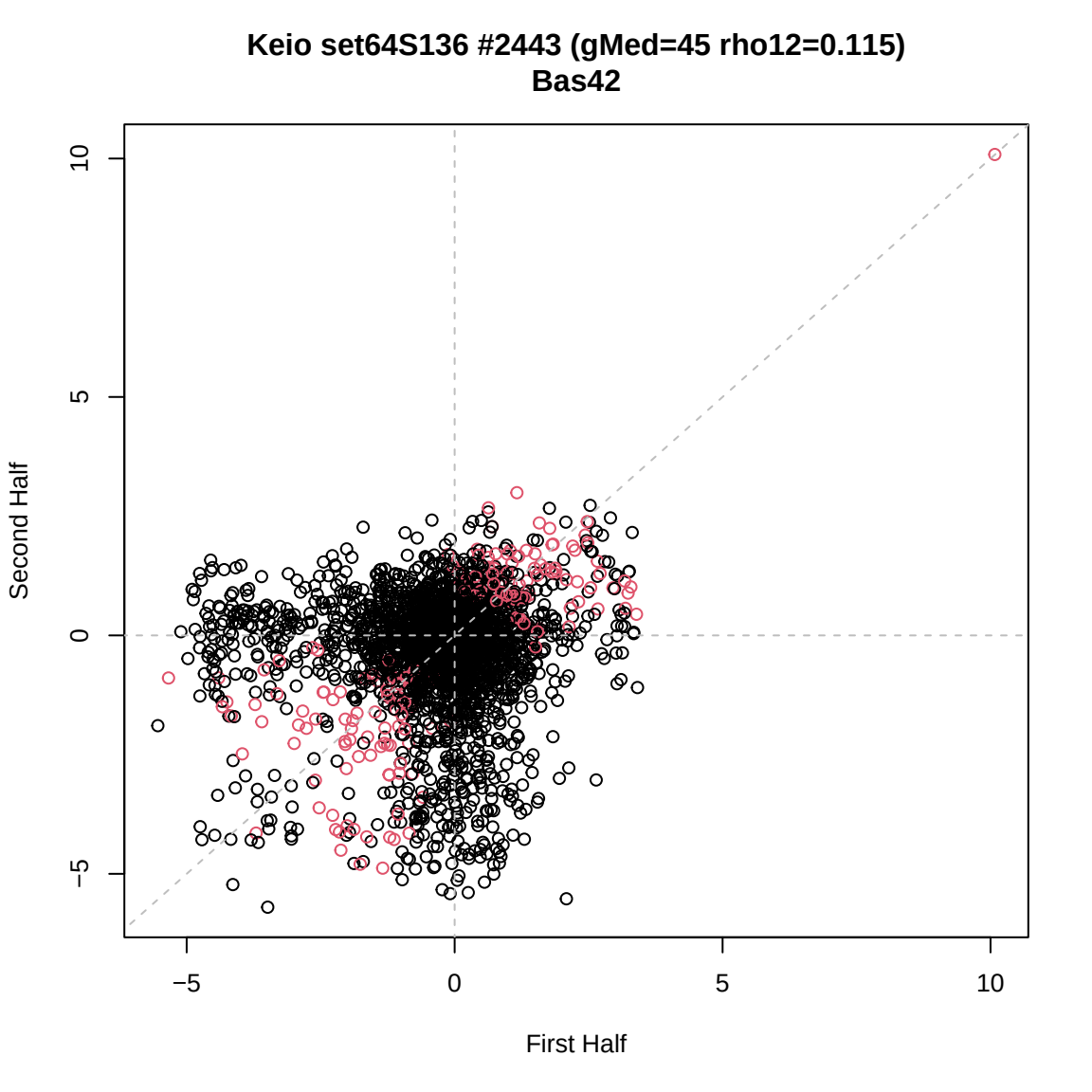

Keio set64S124 #2438 (gMed=0 rho12=0.474)
Bas38
Second Half
First Half
0
5
10
15

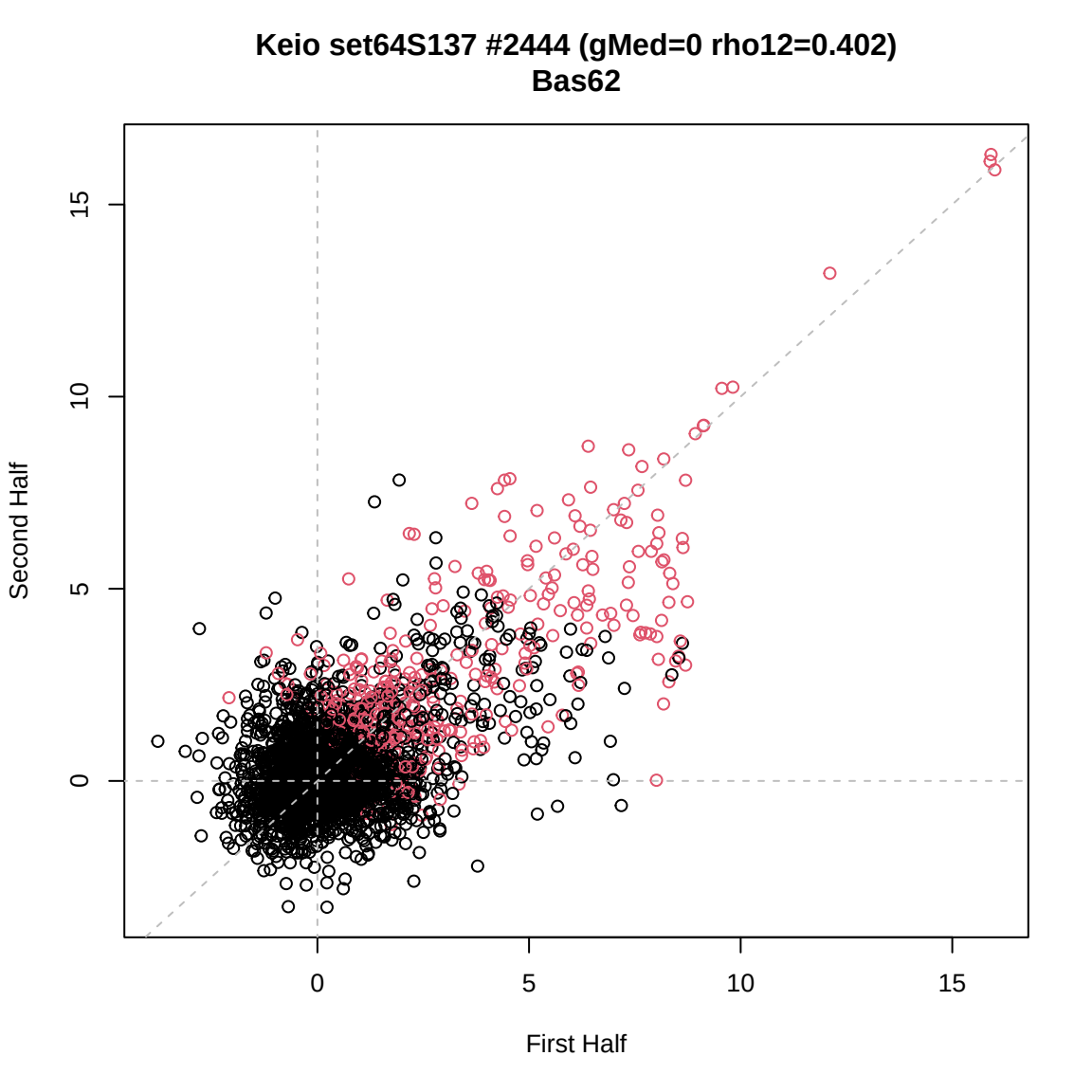

Keio set64S125 #2439 (gMed=0 rho12=0.487)
Bas58
Second Half
First Half
0
5
10
15

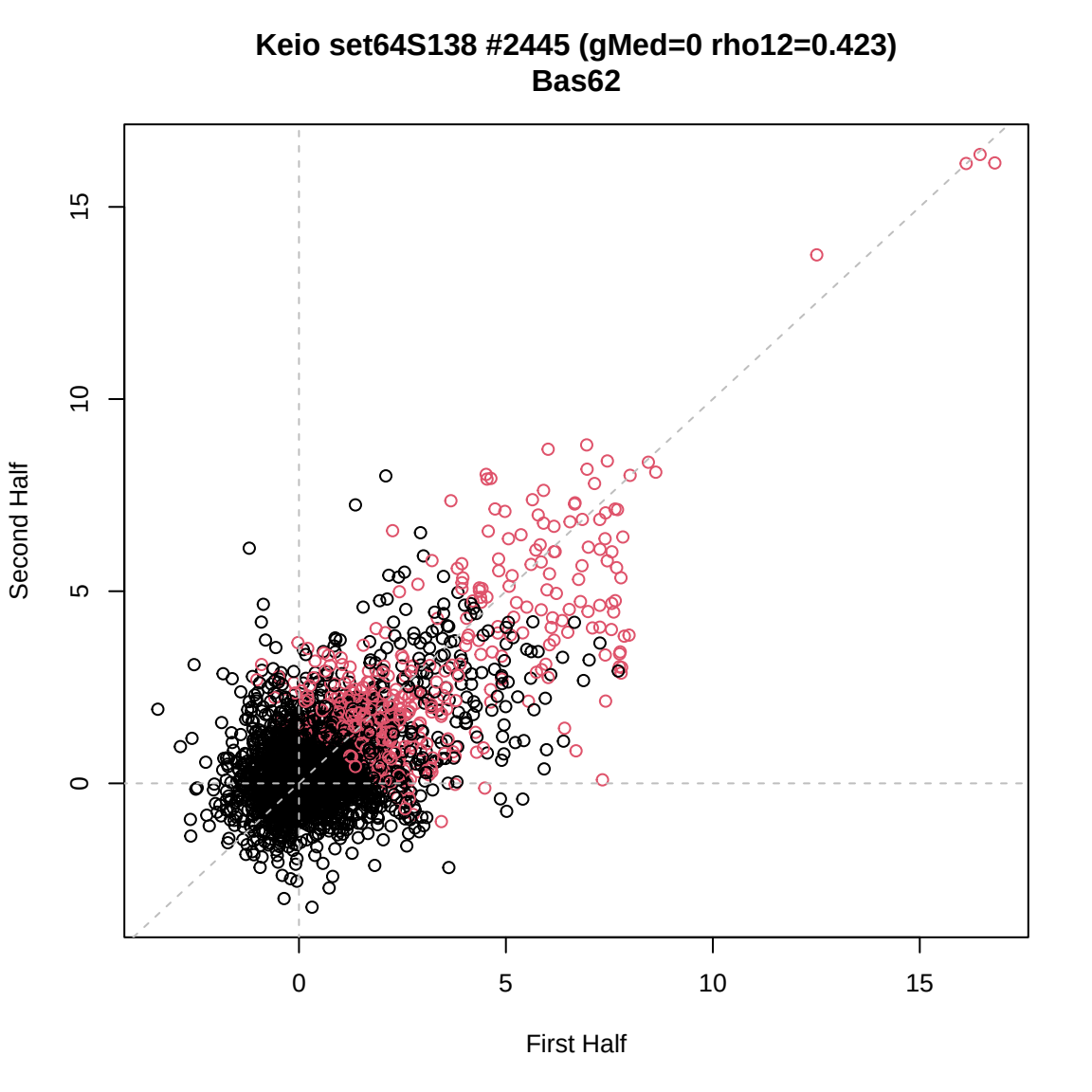

Keio set64S126 #2440 (gMed=0 rho12=0.478)
Bas58
Second Half
First Half
0
5
10
15

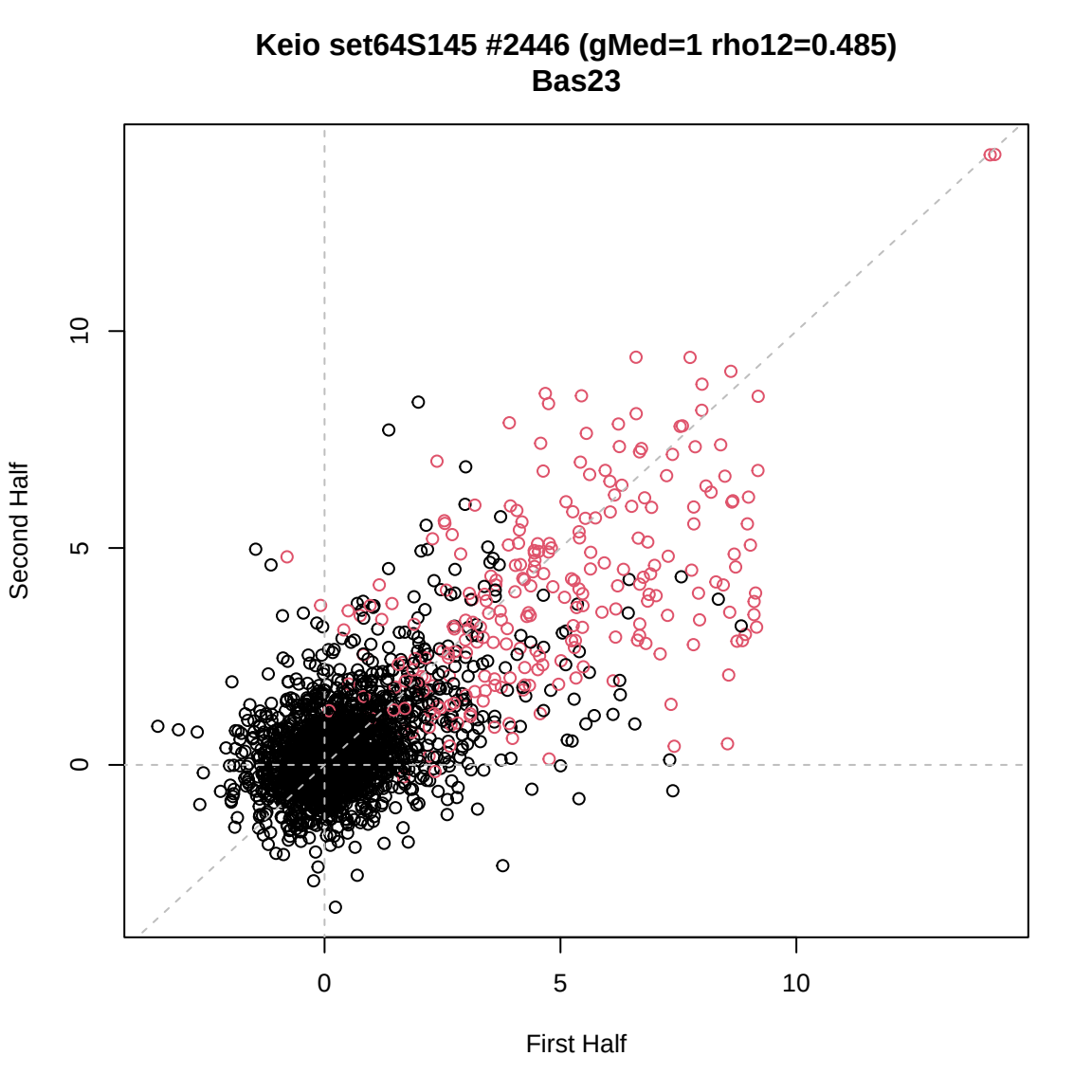

Keio set64S133 #2441 (gMed=268 rho12=−0.015)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−1.5
−1.0
−0.5
0.0
0.5
1.0

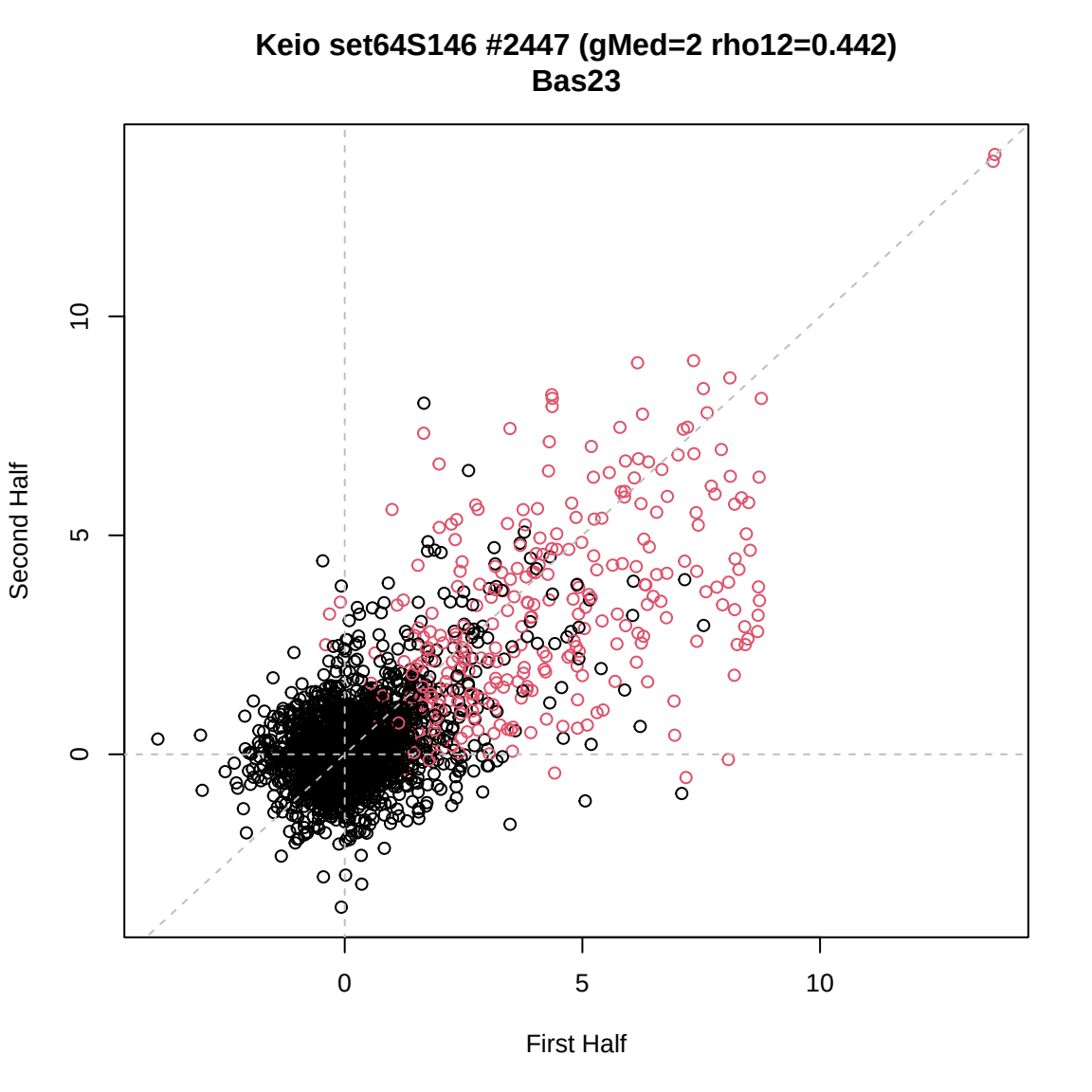

Keio set64S135 #2442 (gMed=0 rho12=0.409)
Bas42
Second Half
First Half
15
10
5
0
0
5
10

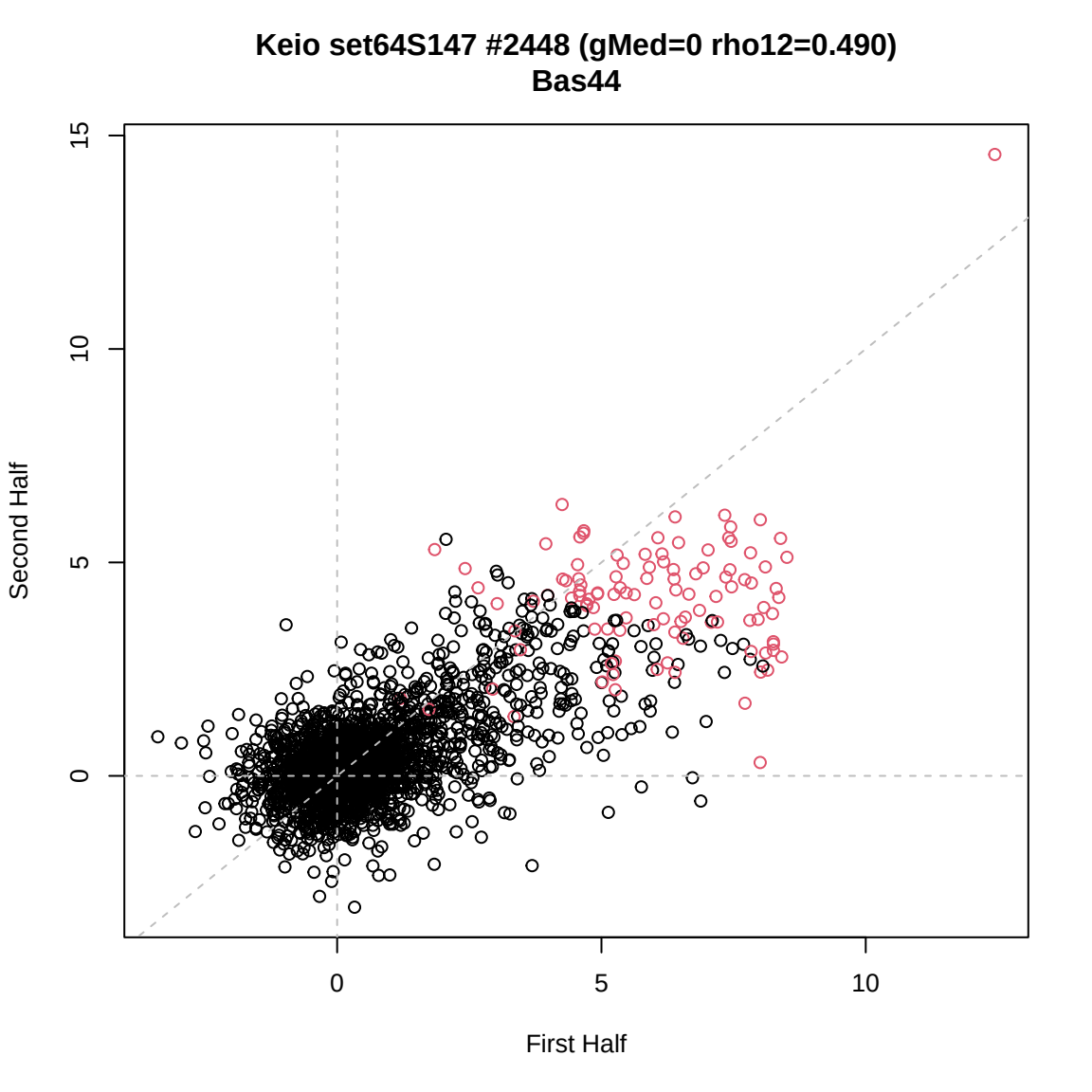

Keio set64S136 #2443 (gMed=45 rho12=0.115)
Bas42
Second Half
First Half
10
5
0
−5
−5
0
5
10

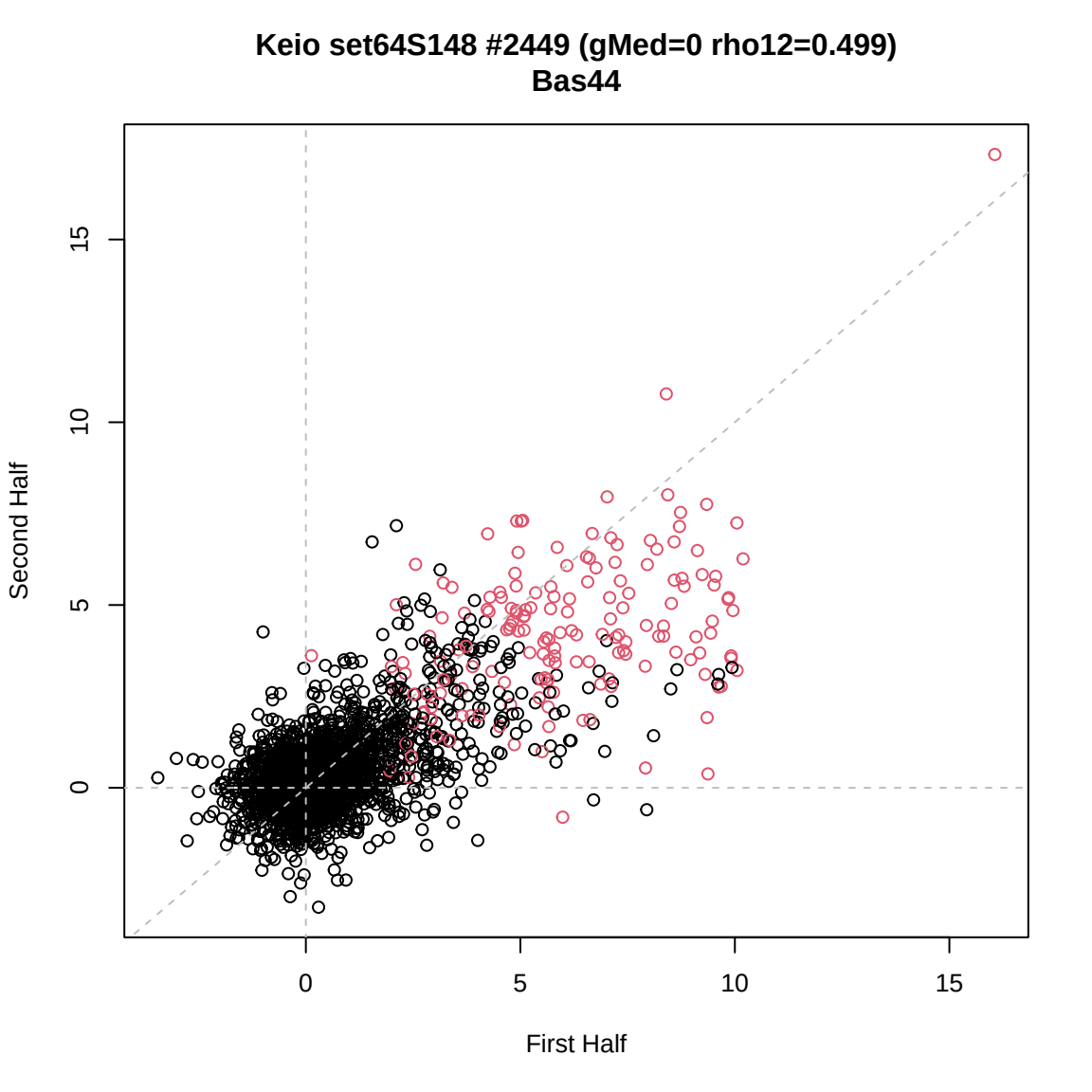

Keio set64S137 #2444 (gMed=0 rho12=0.402)
Bas62
Second Half
First Half
0
5
10
15
0
5
10
15

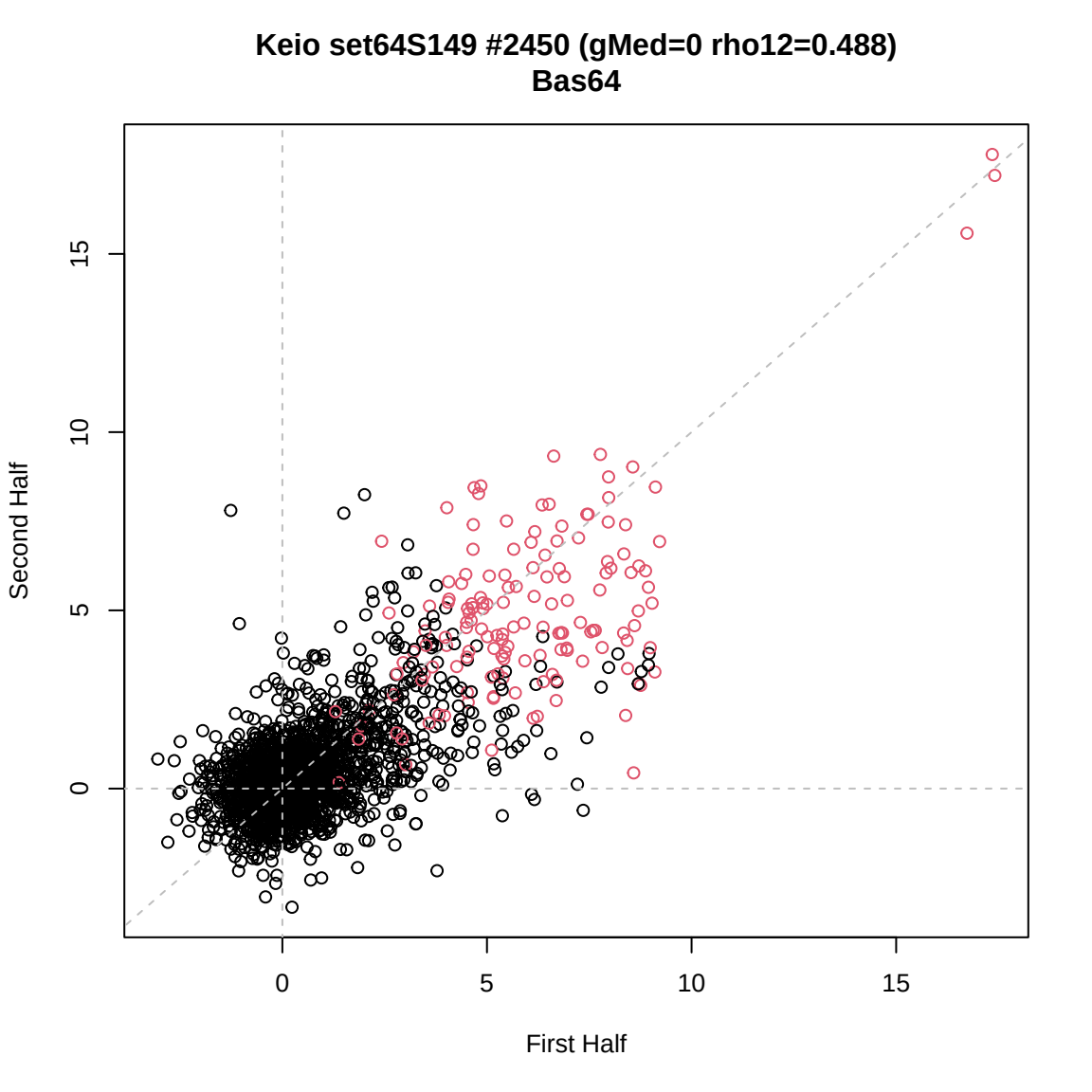

Keio set64S138 #2445 (gMed=0 rho12=0.423)
Bas62
Second Half
First Half
0
5
10
15
0
5
10
15

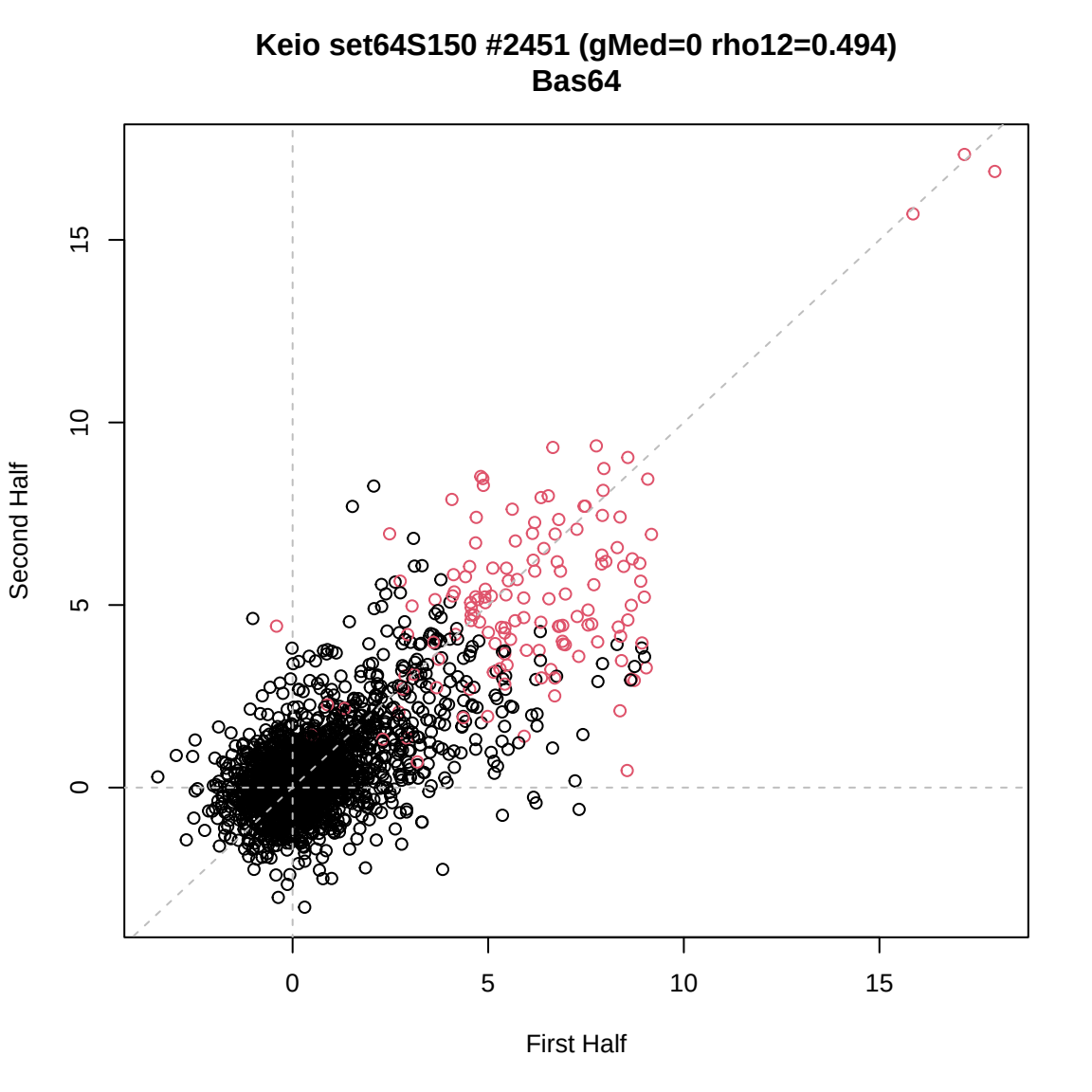

Keio set64S145 #2446 (gMed=1 rho12=0.485)
Bas23
Second Half
First Half
0
5
10
0
5
10

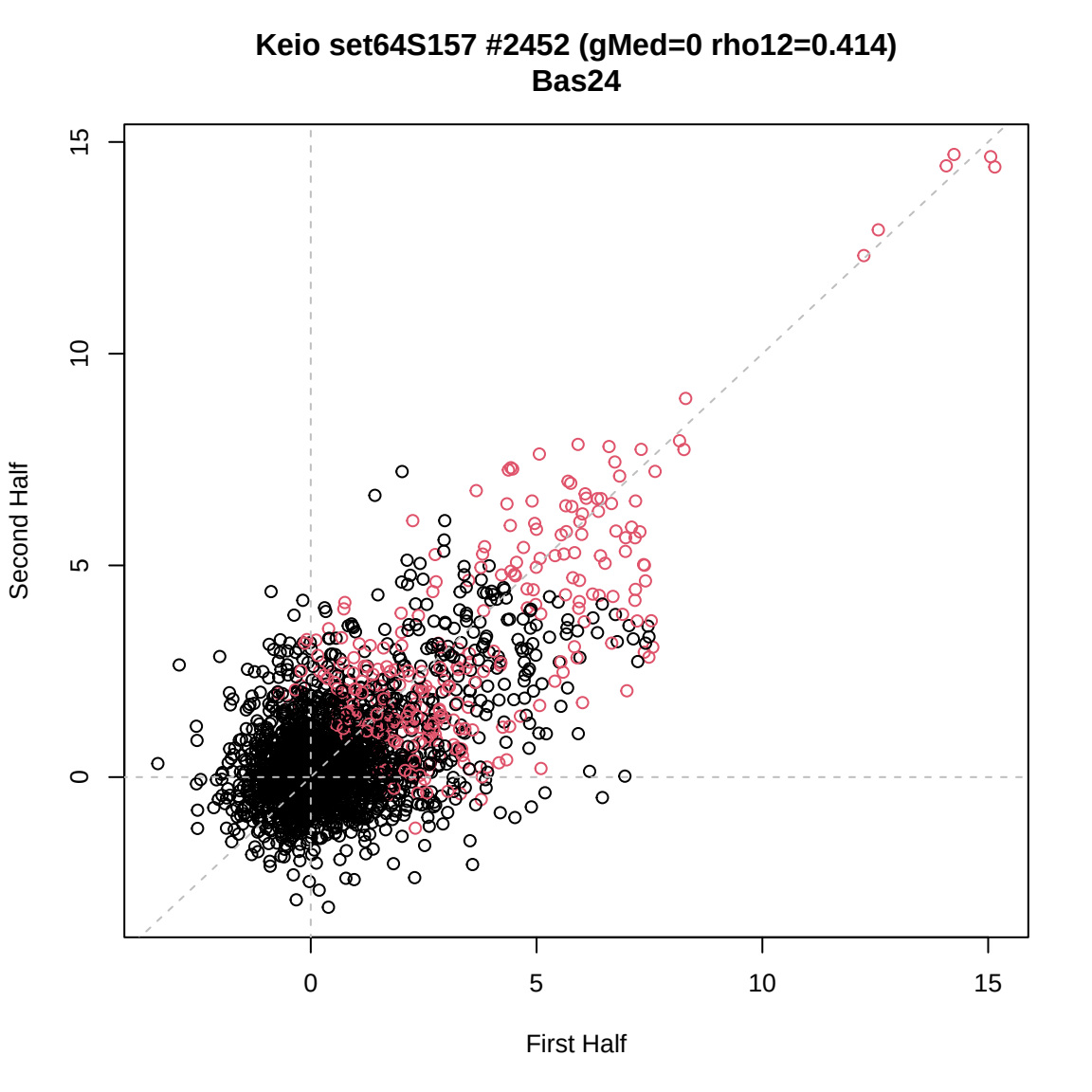

Keio set64S146 #2447 (gMed=2 rho12=0.442)
Bas23
Second Half
First Half
0
5
10
0
5
10

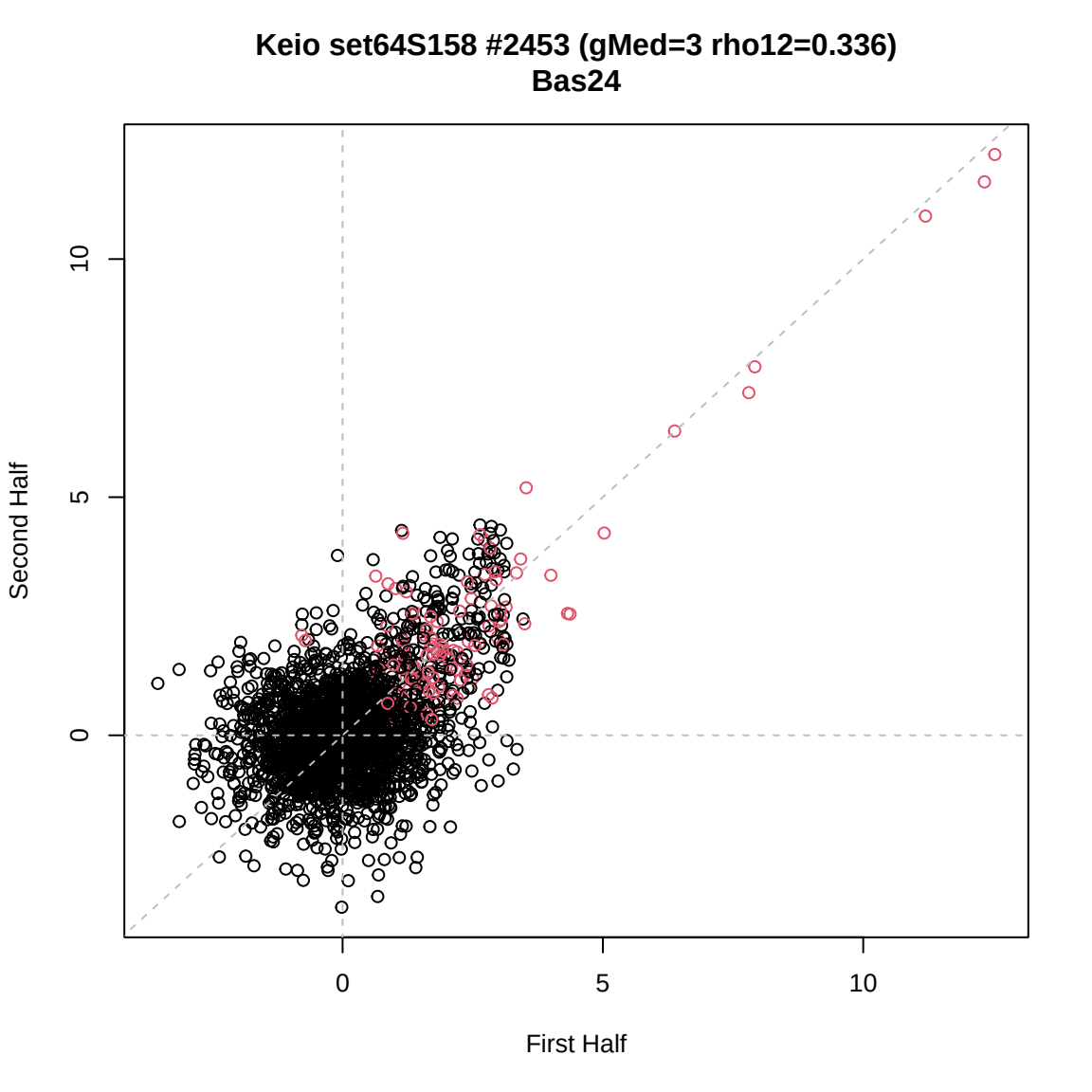

Keio set64S147 #2448 (gMed=0 rho12=0.490)
Bas44
Second Half
First Half
15
10
5
0
0
5
10

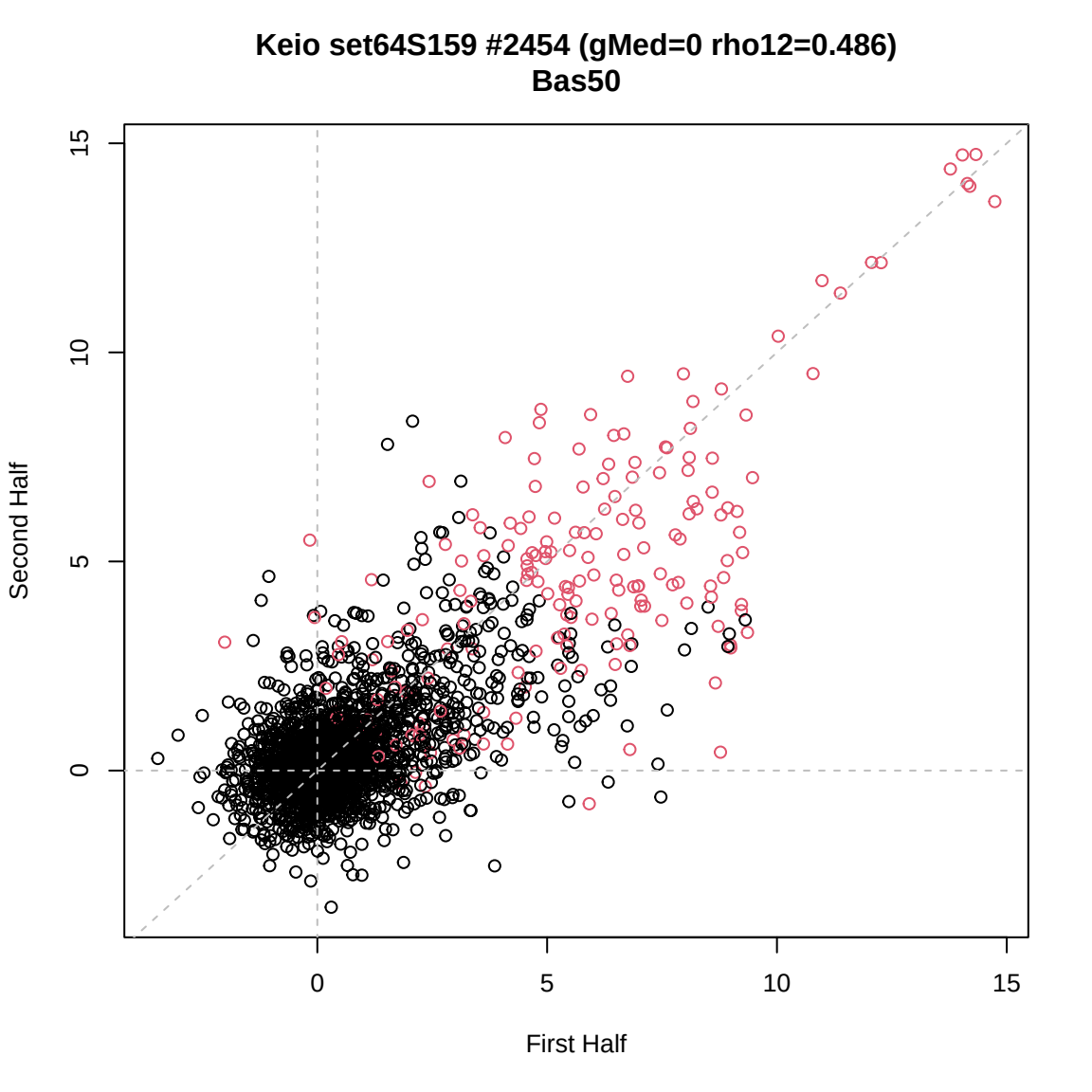

Keio set64S148 #2449 (gMed=0 rho12=0.499)
Bas44
Second Half
First Half
0
5
10
15

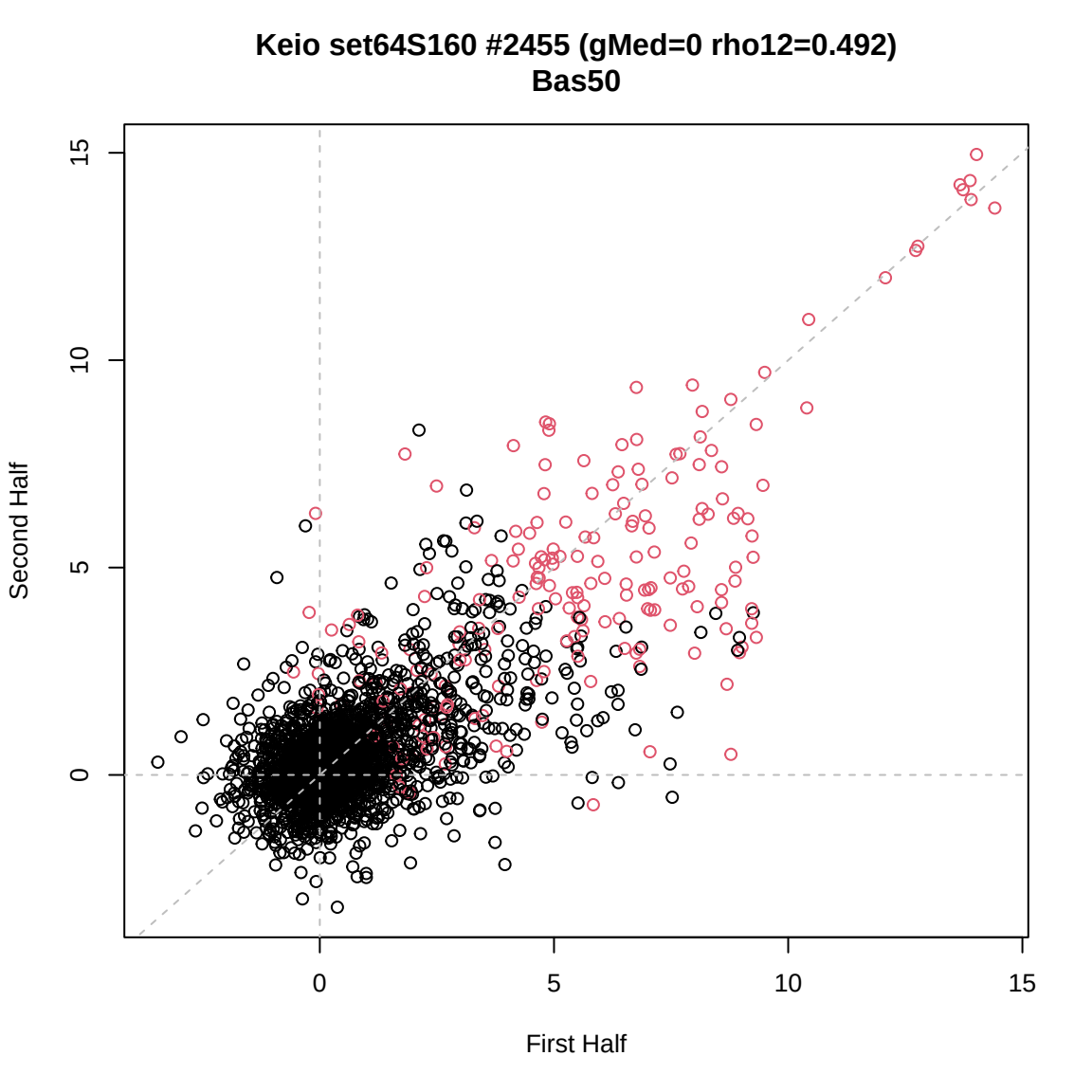

Keio set64S149 #2450 (gMed=0 rho12=0.488)
Bas64
Second Half
First Half
0
5
10
15
0
5
10
15

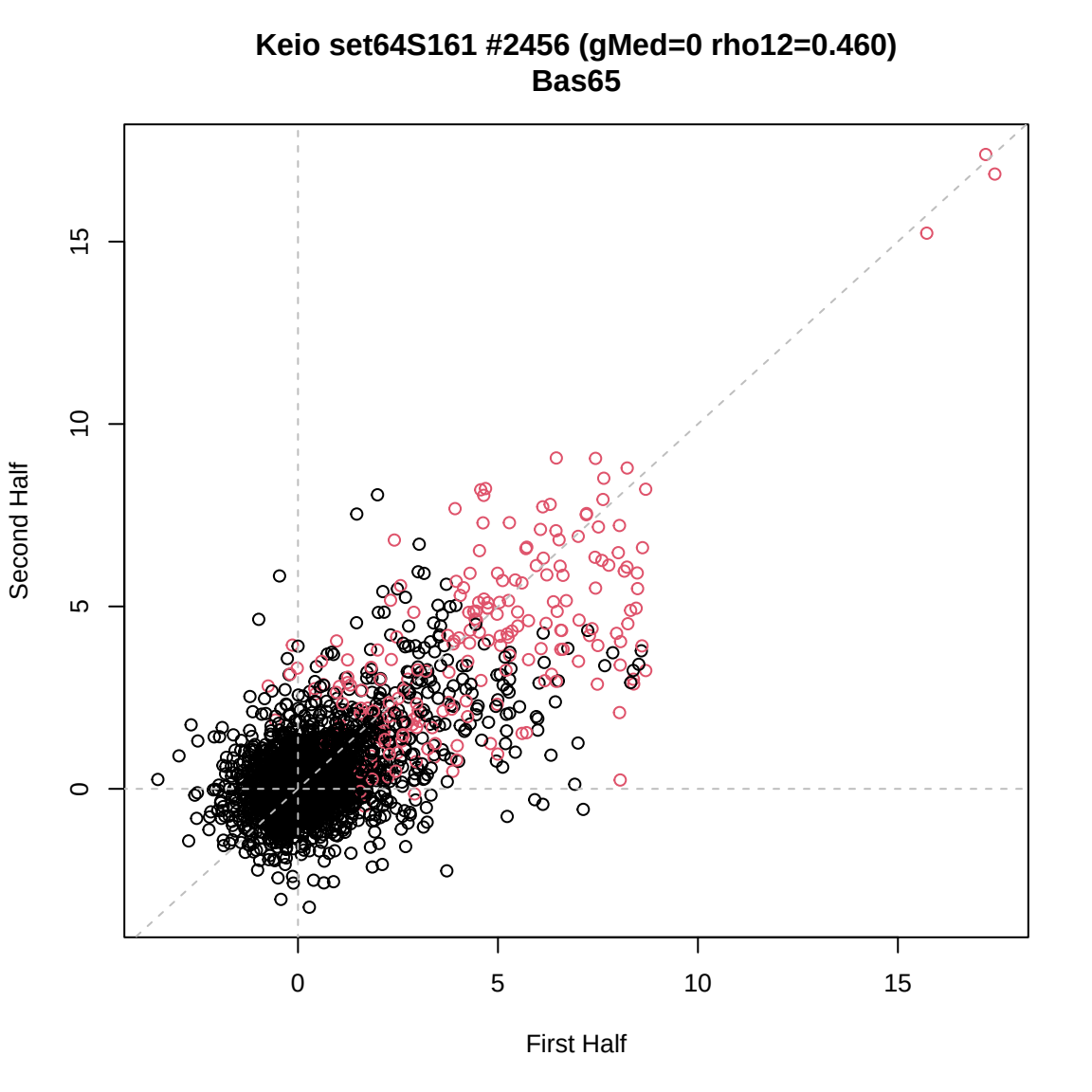

Keio set64S150 #2451 (gMed=0 rho12=0.494)
Bas64
Second Half
First Half
0
5
10
15
0
5
10
15

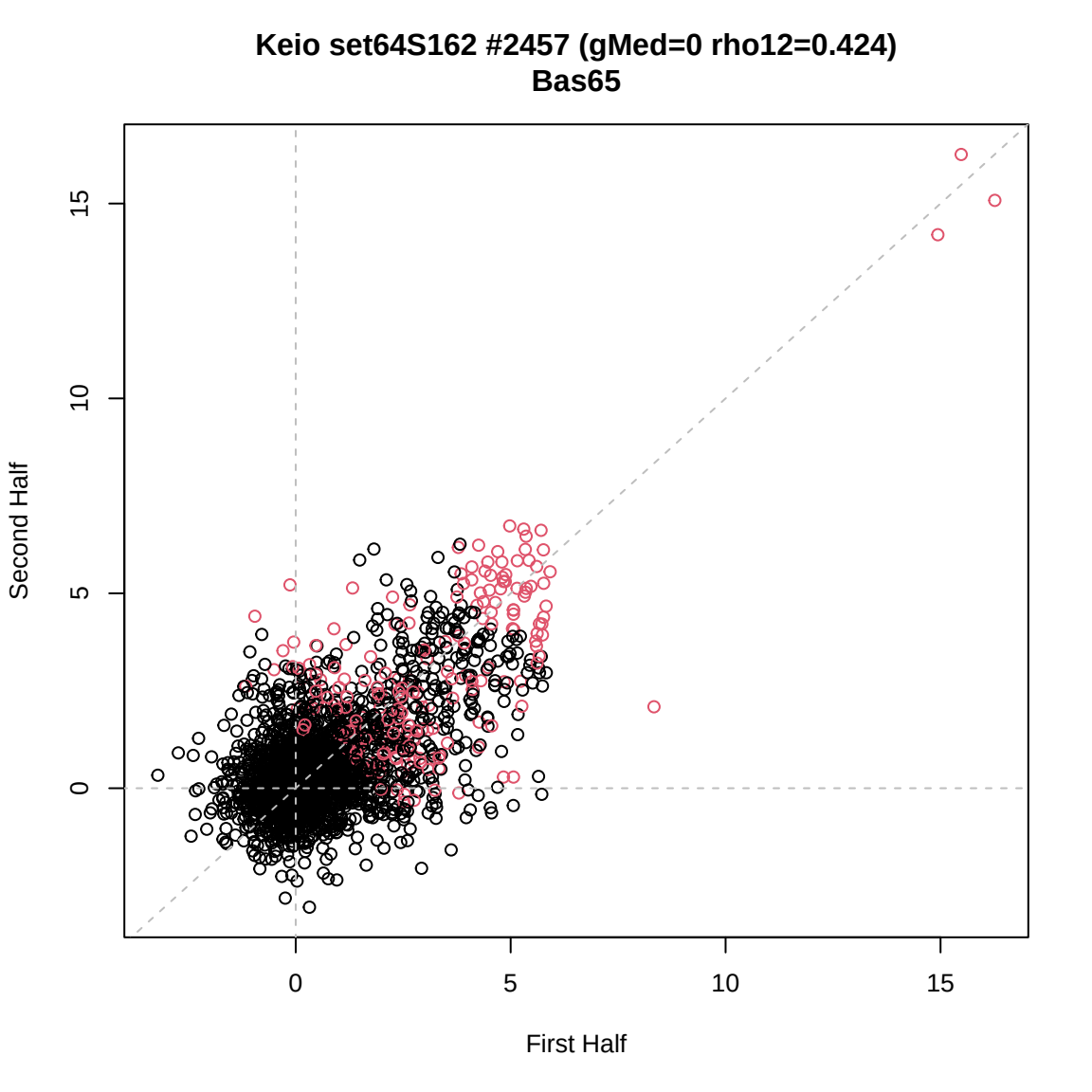

Keio set64S157 #2452 (gMed=0 rho12=0.414)
Bas24
Second Half
First Half
0
5
10
15

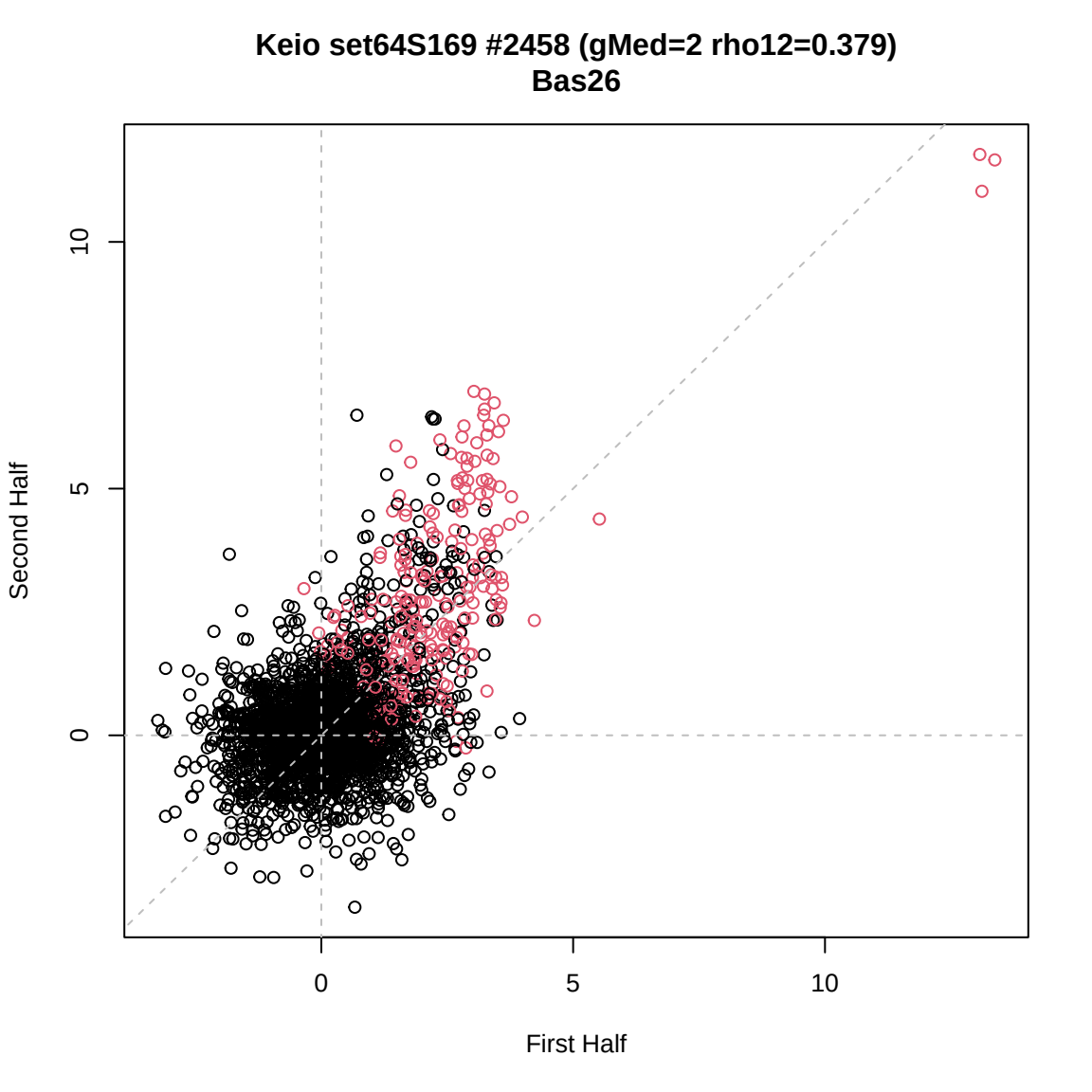

Keio set64S158 #2453 (gMed=3 rho12=0.336)
Bas24
Second Half
First Half
0
5
10
0
5
10

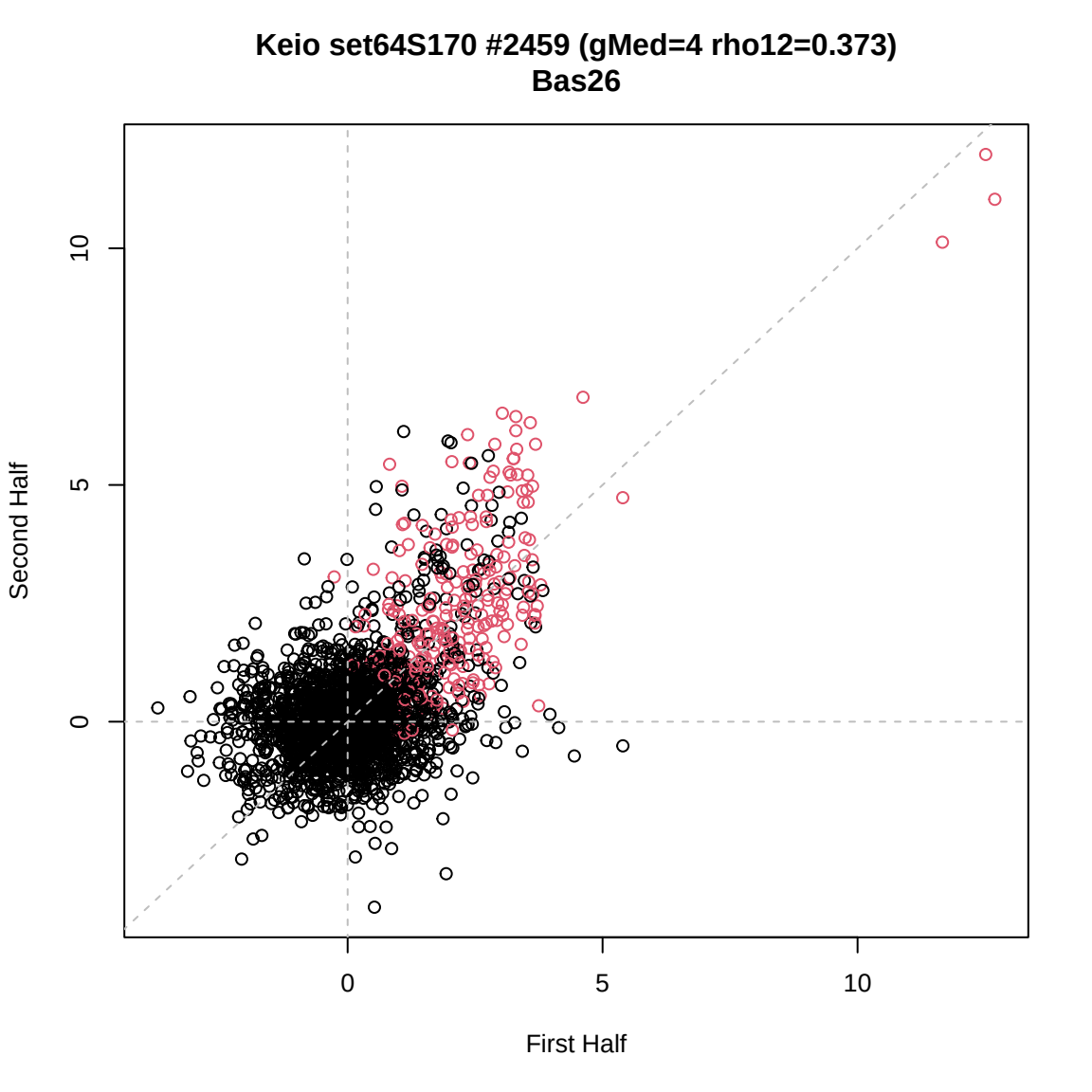

Keio set64S159 #2454 (gMed=0 rho12=0.486)
Bas50
Second Half
First Half
0
5
10
15

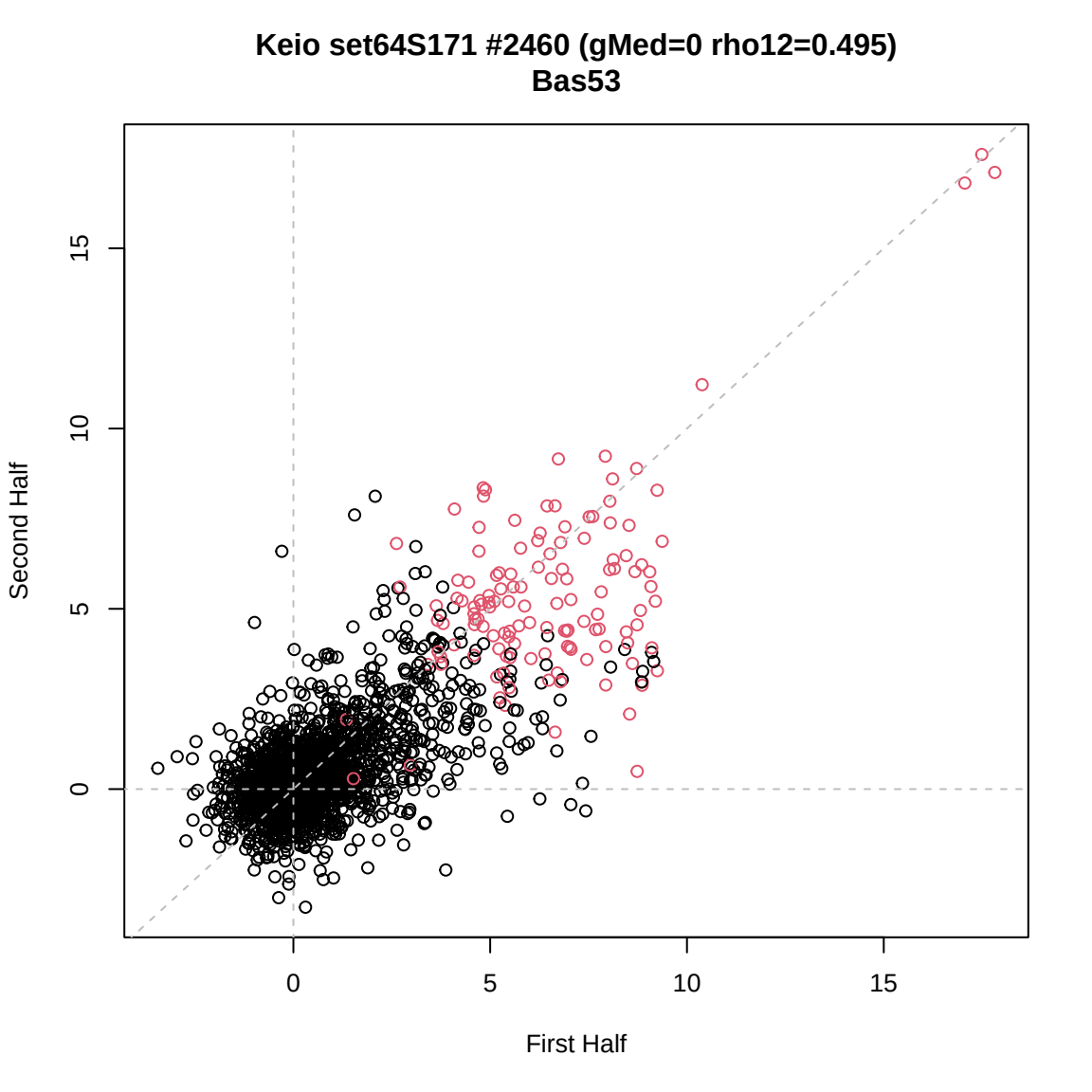

Keio set64S160 #2455 (gMed=0 rho12=0.492)
Bas50
Second Half
First Half
0
5
10
15

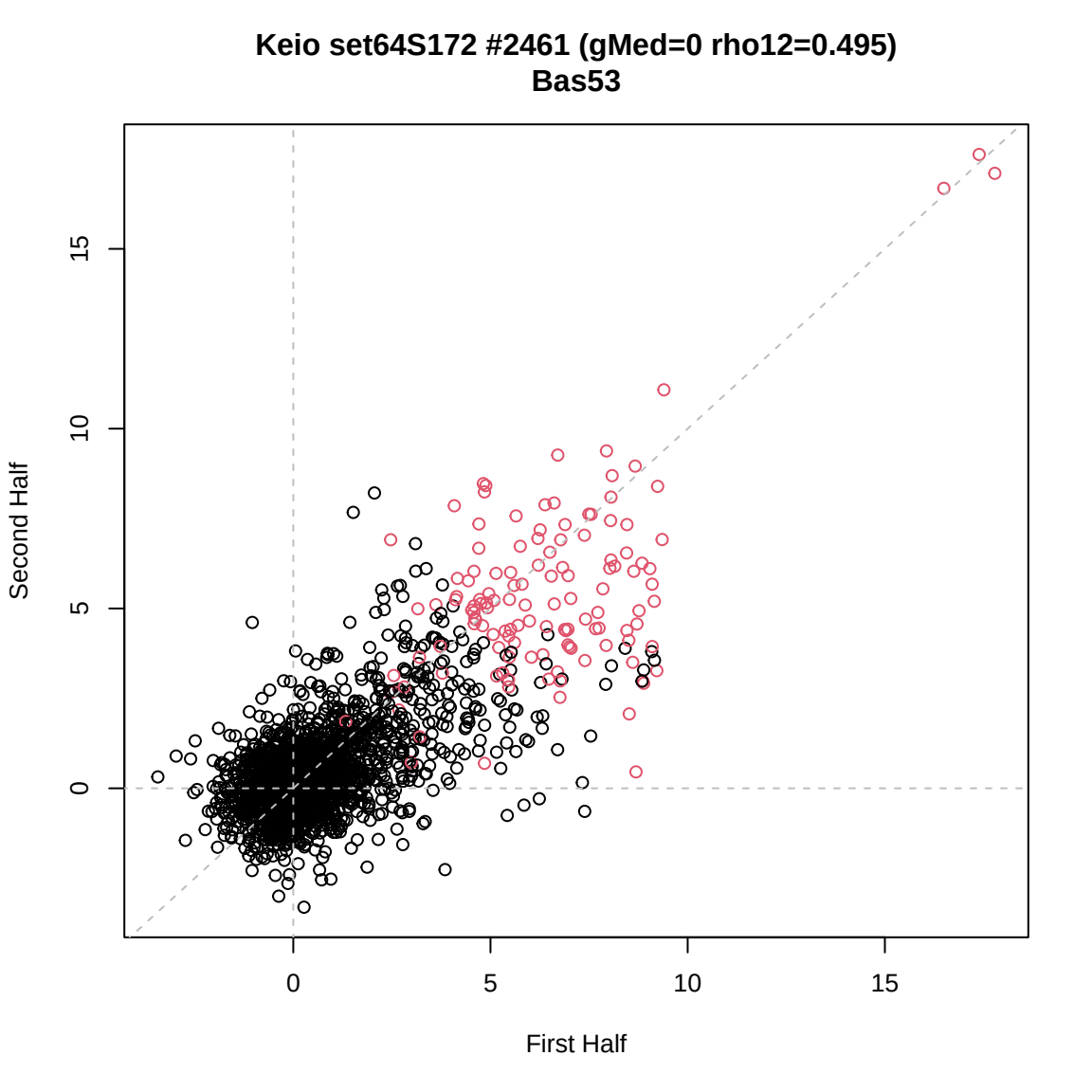

Keio set64S161 #2456 (gMed=0 rho12=0.460)
Bas65
Second Half
First Half
0
5
10
15

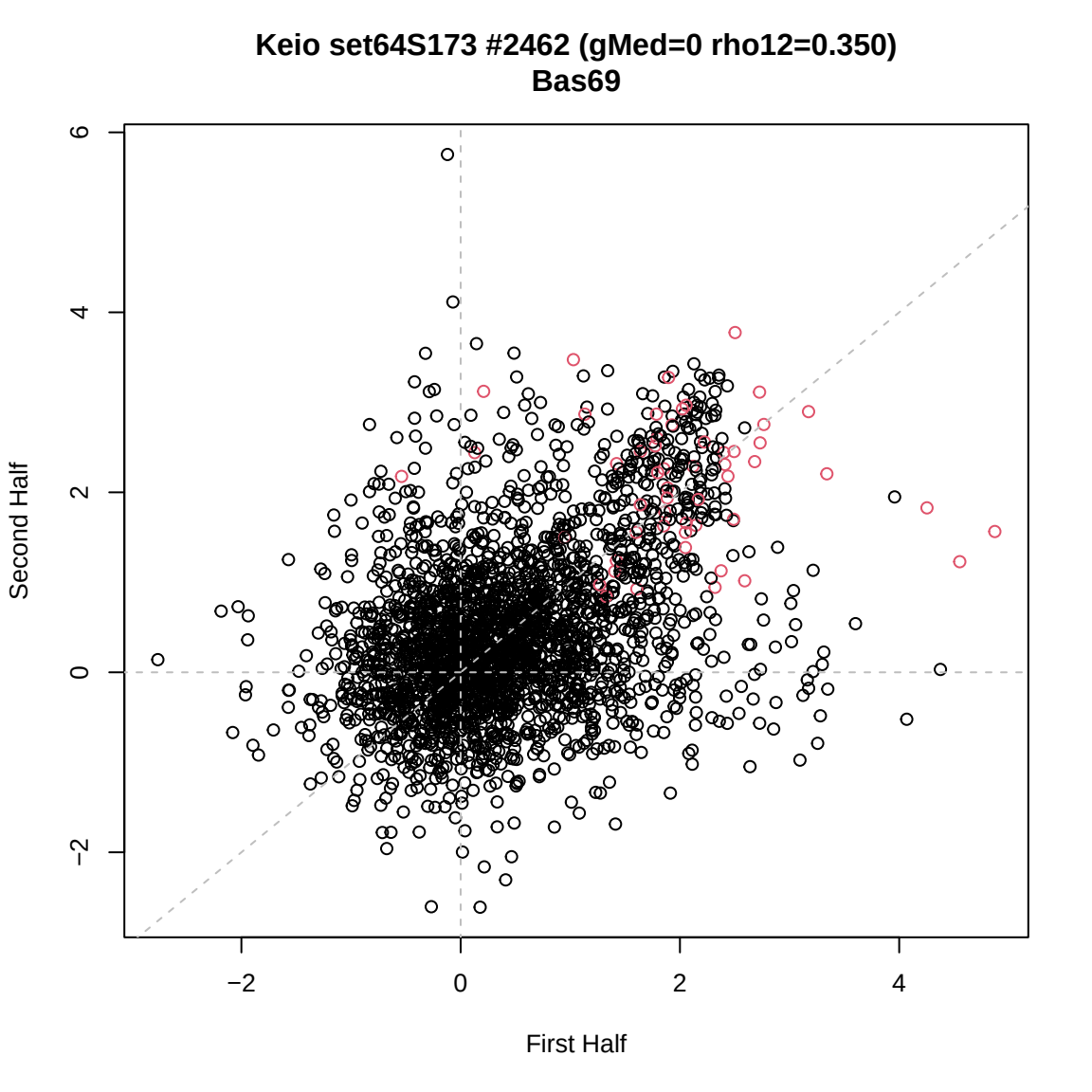

Keio set64S162 #2457 (gMed=0 rho12=0.424)
Bas65
Second Half
First Half
0
5
10
15

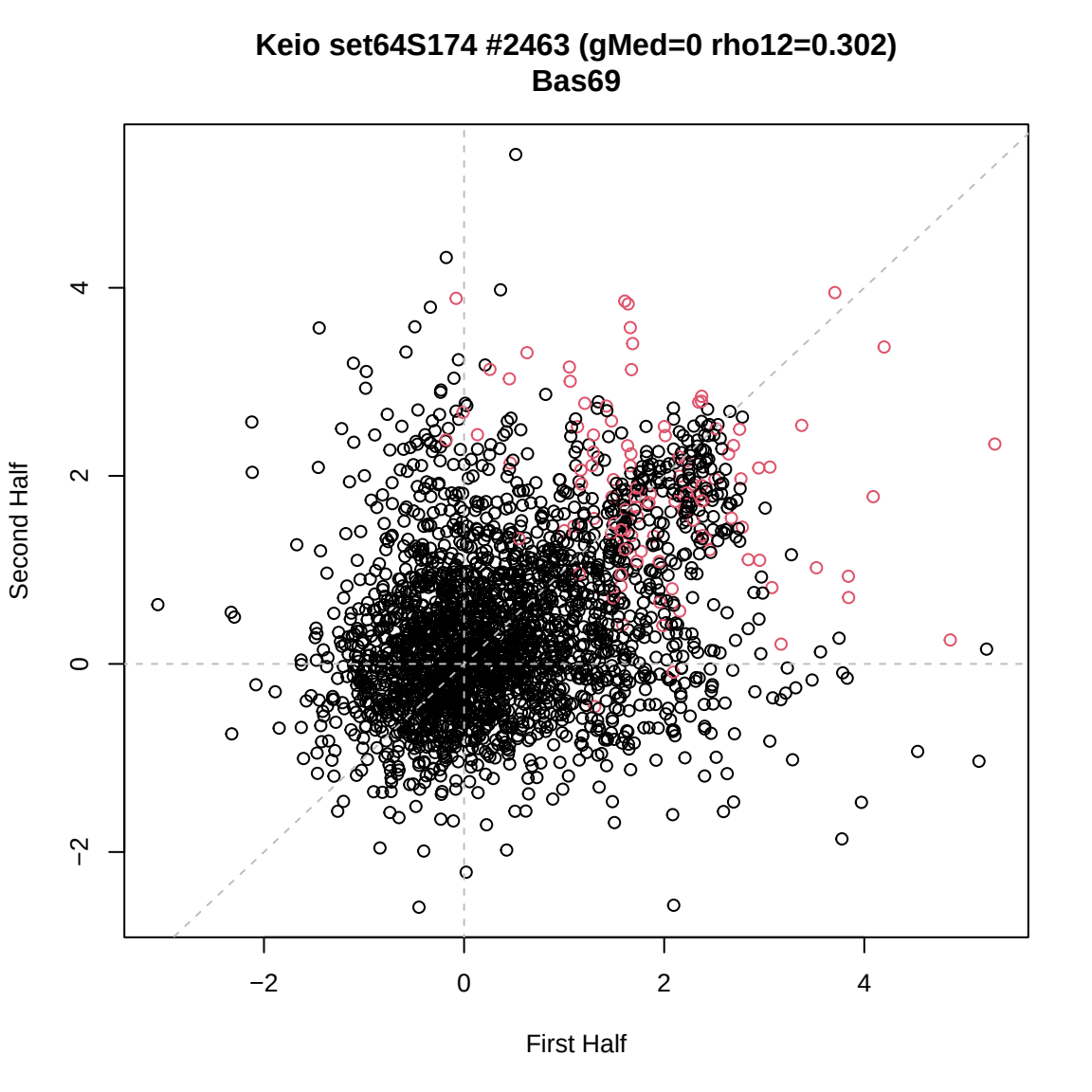

Keio set64S169 #2458 (gMed=2 rho12=0.379)
Bas26
Second Half
First Half
0
5
10
0
5
10

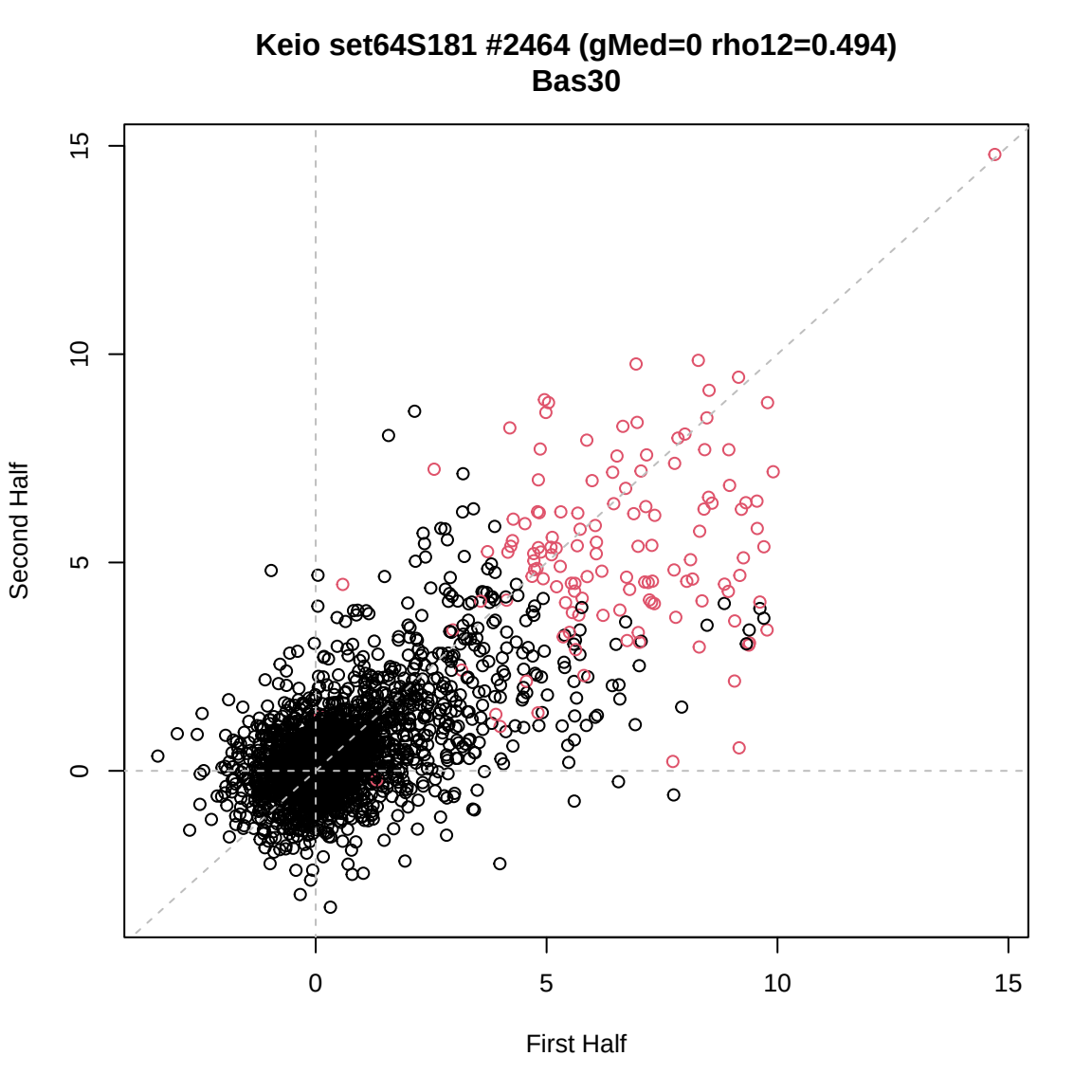

Keio set64S170 #2459 (gMed=4 rho12=0.373)
Bas26
Second Half
First Half
0
5
10
0
5
10

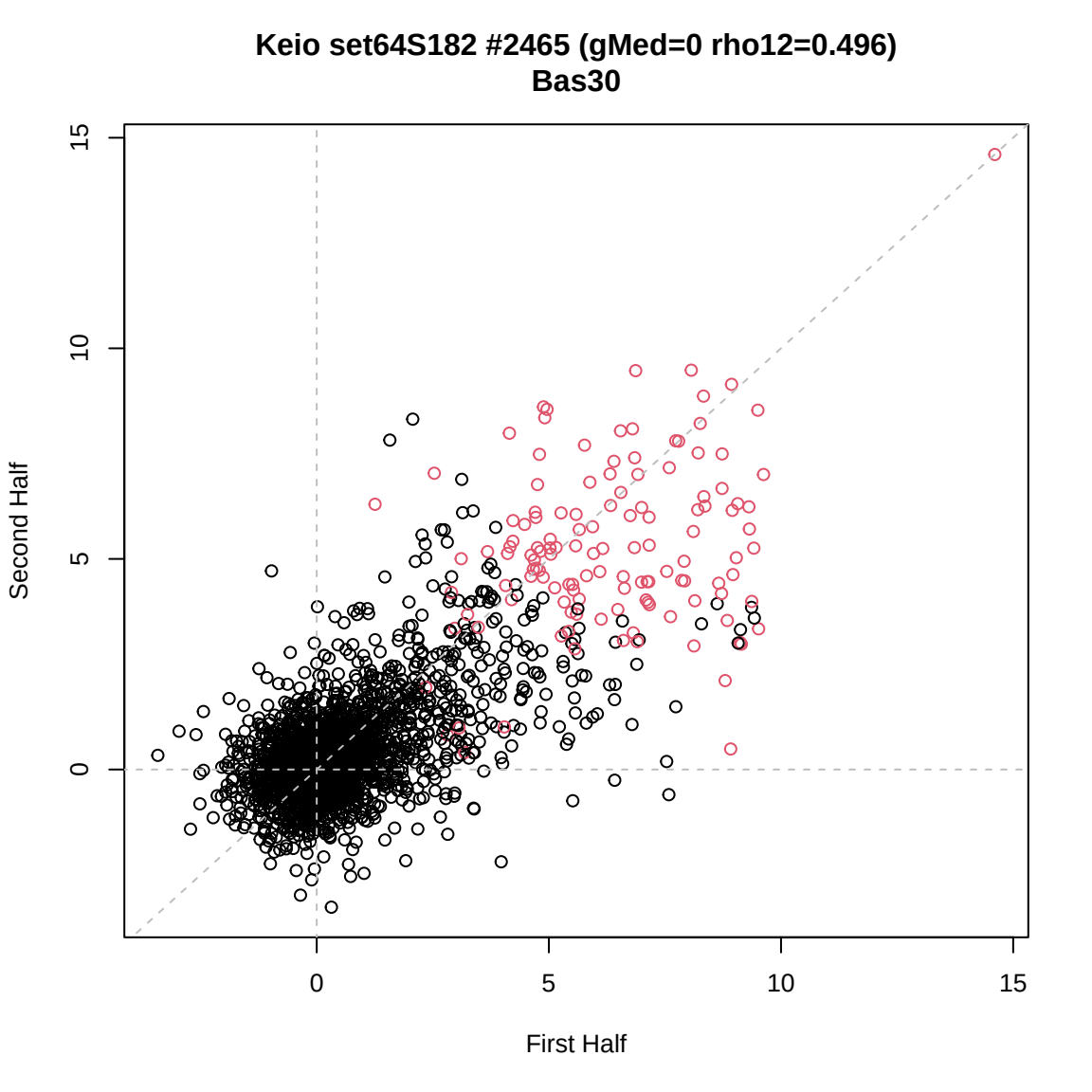

Keio set64S171 #2460 (gMed=0 rho12=0.495)
Bas53
Second Half
First Half
0
5
10
15

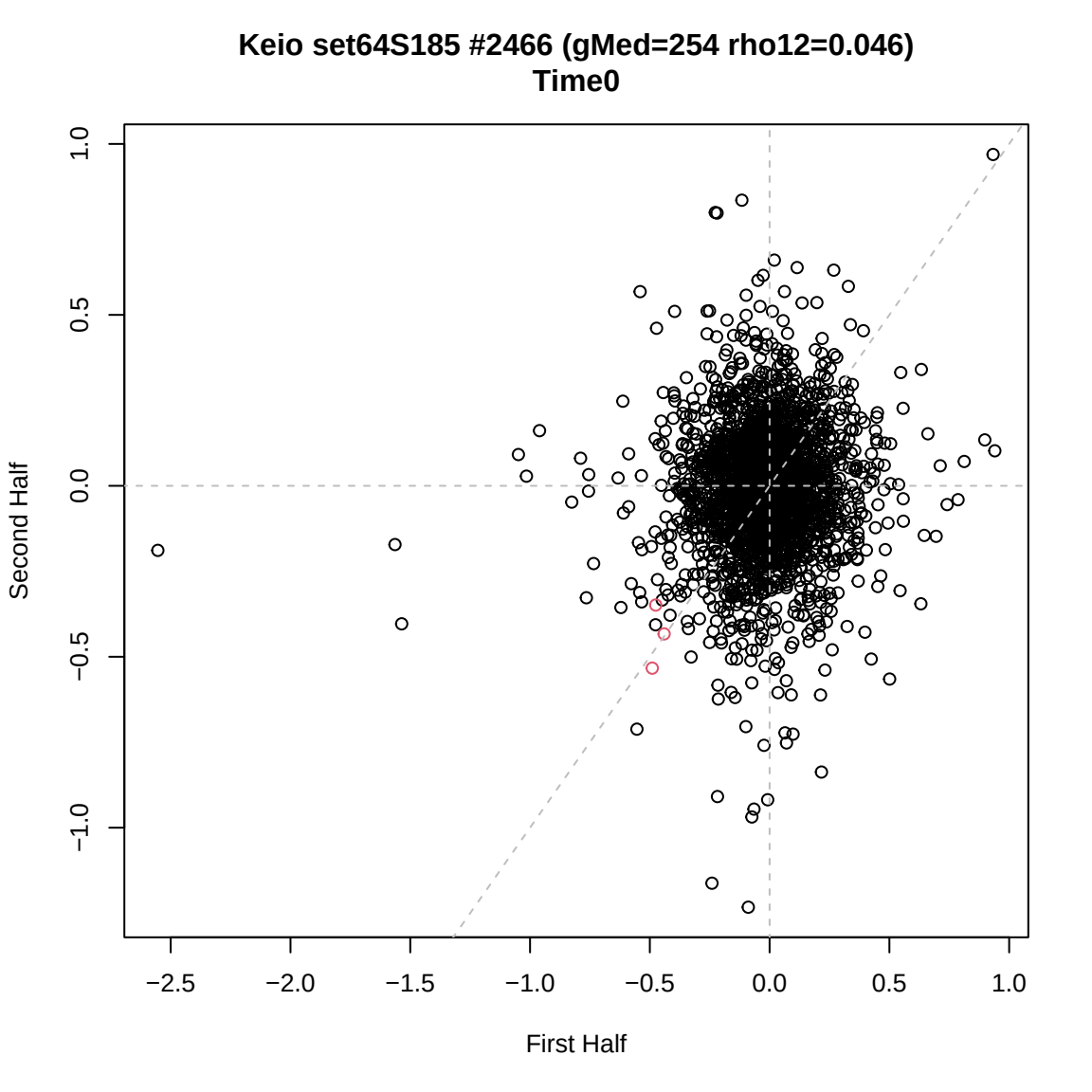

Keio set64S172 #2461 (gMed=0 rho12=0.495)
Bas53
Second Half
First Half
0
5
10
15
0
5
10
15

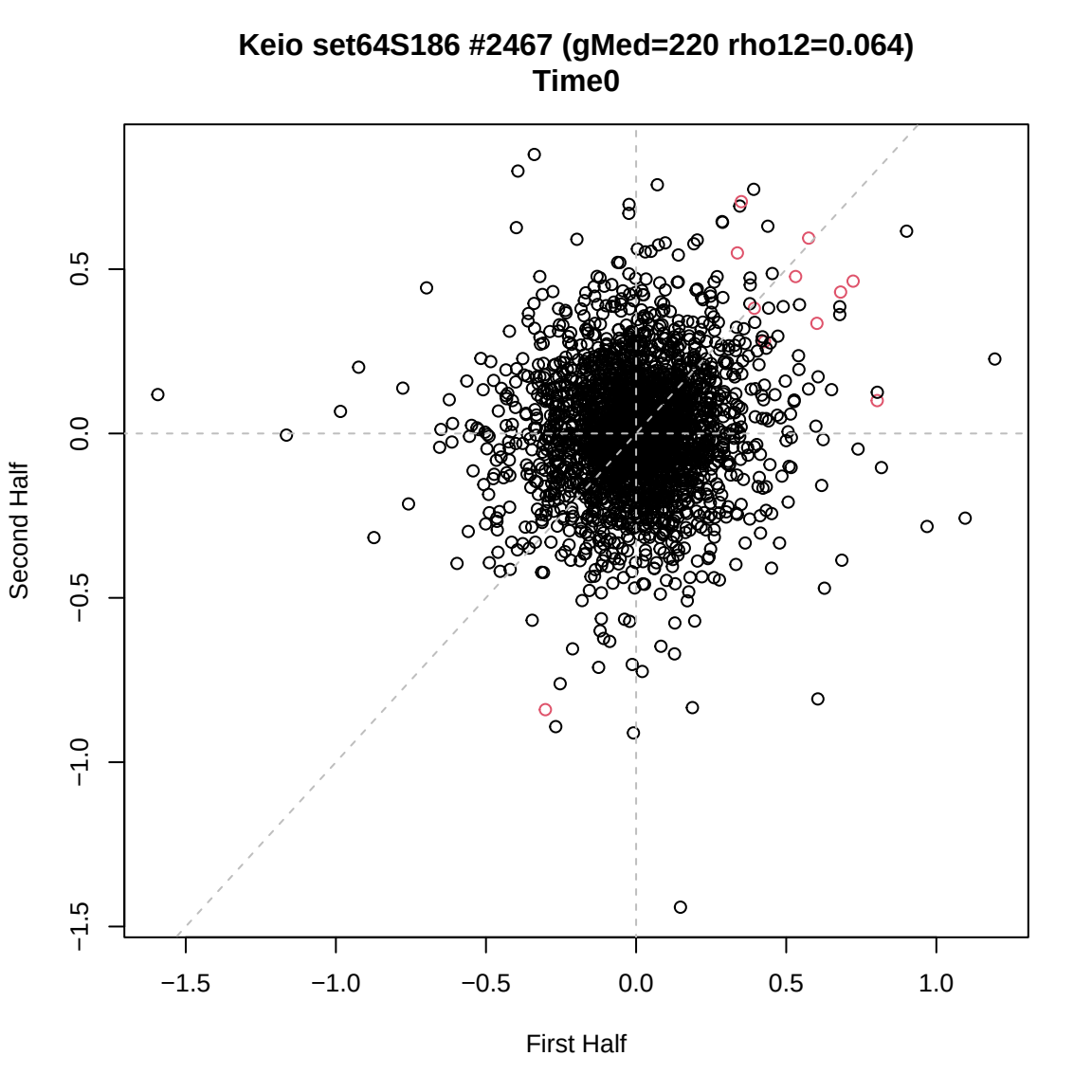

Keio set64S173 #2462 (gMed=0 rho12=0.350)
Bas69
Second Half
First Half
6
4
2
0
−2
−2
0
2
4

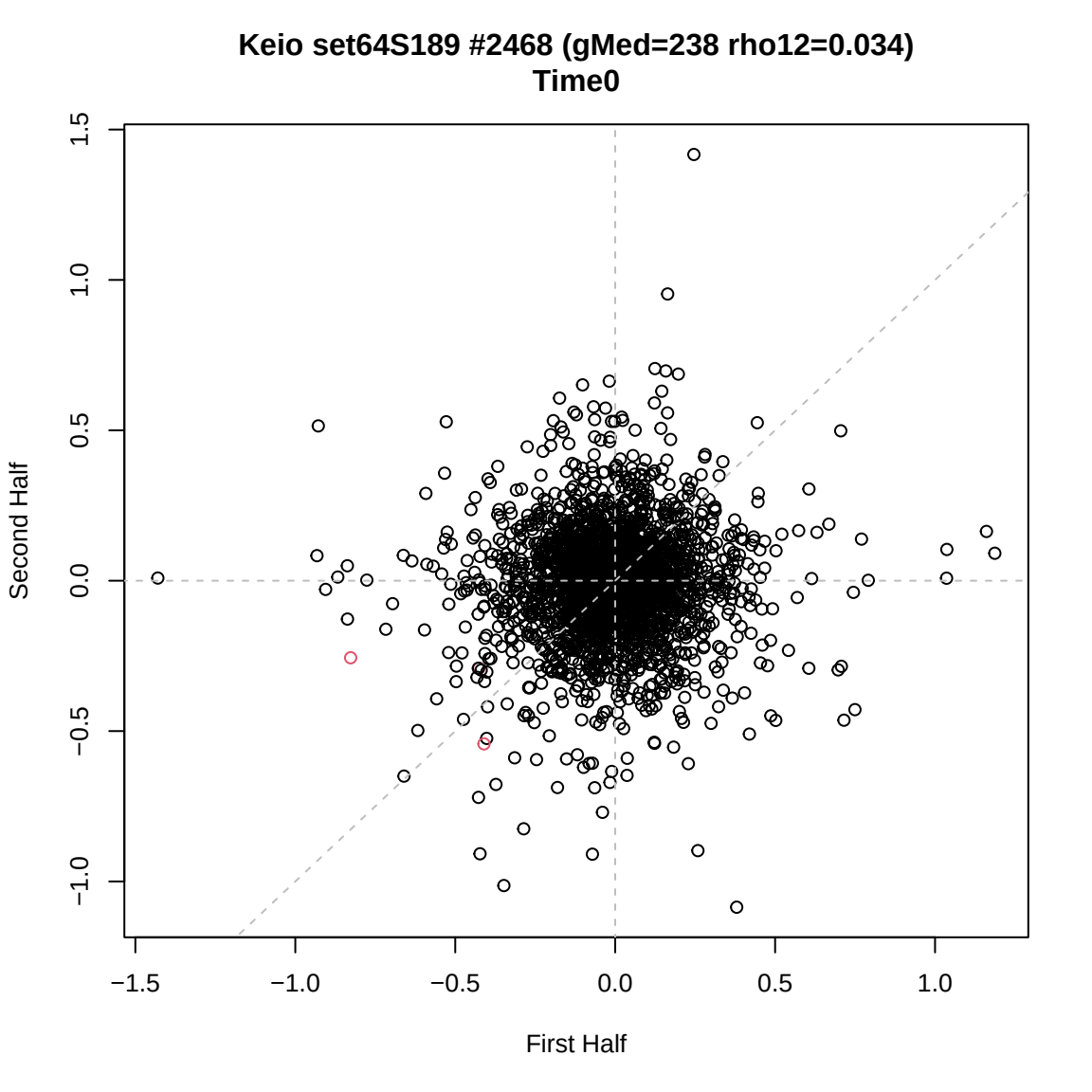

Keio set64S174 #2463 (gMed=0 rho12=0.302)
Bas69
Second Half
First Half
−2
0
2
4
−2
0
2
4

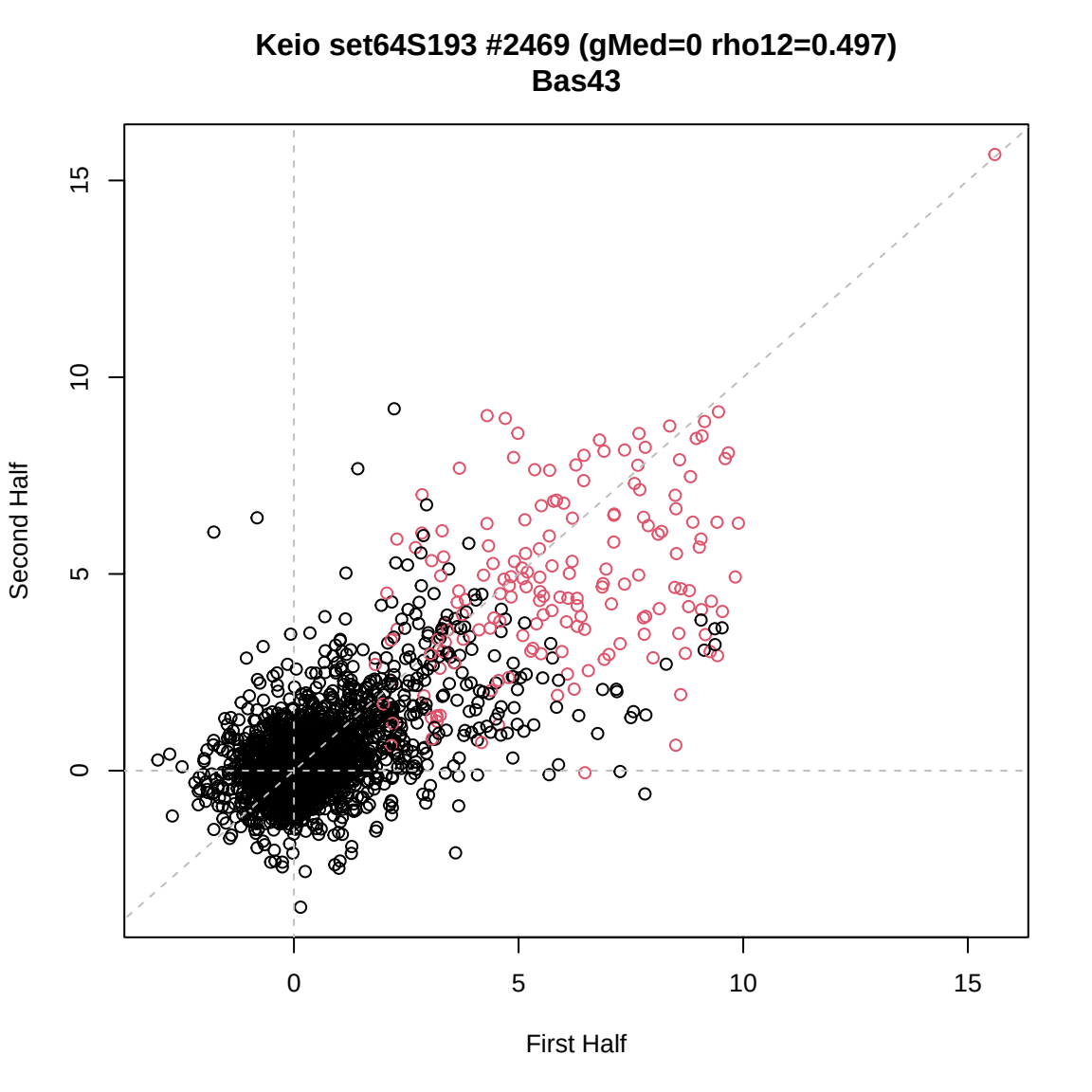

Keio set64S181 #2464 (gMed=0 rho12=0.494)
Bas30
Second Half
First Half
0
5
10
15

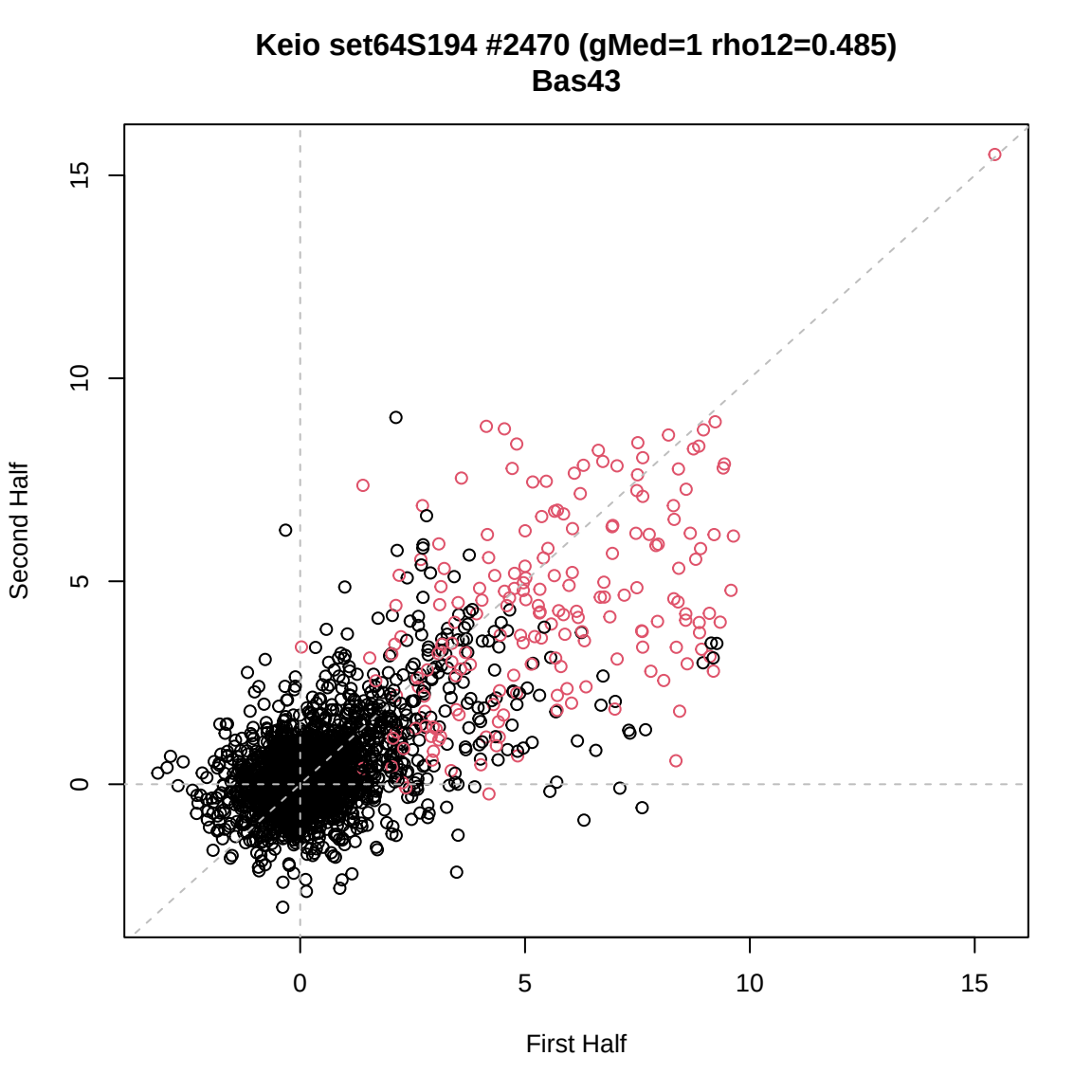

Keio set64S182 #2465 (gMed=0 rho12=0.496)
Bas30
Second Half
First Half
0
5
10
15

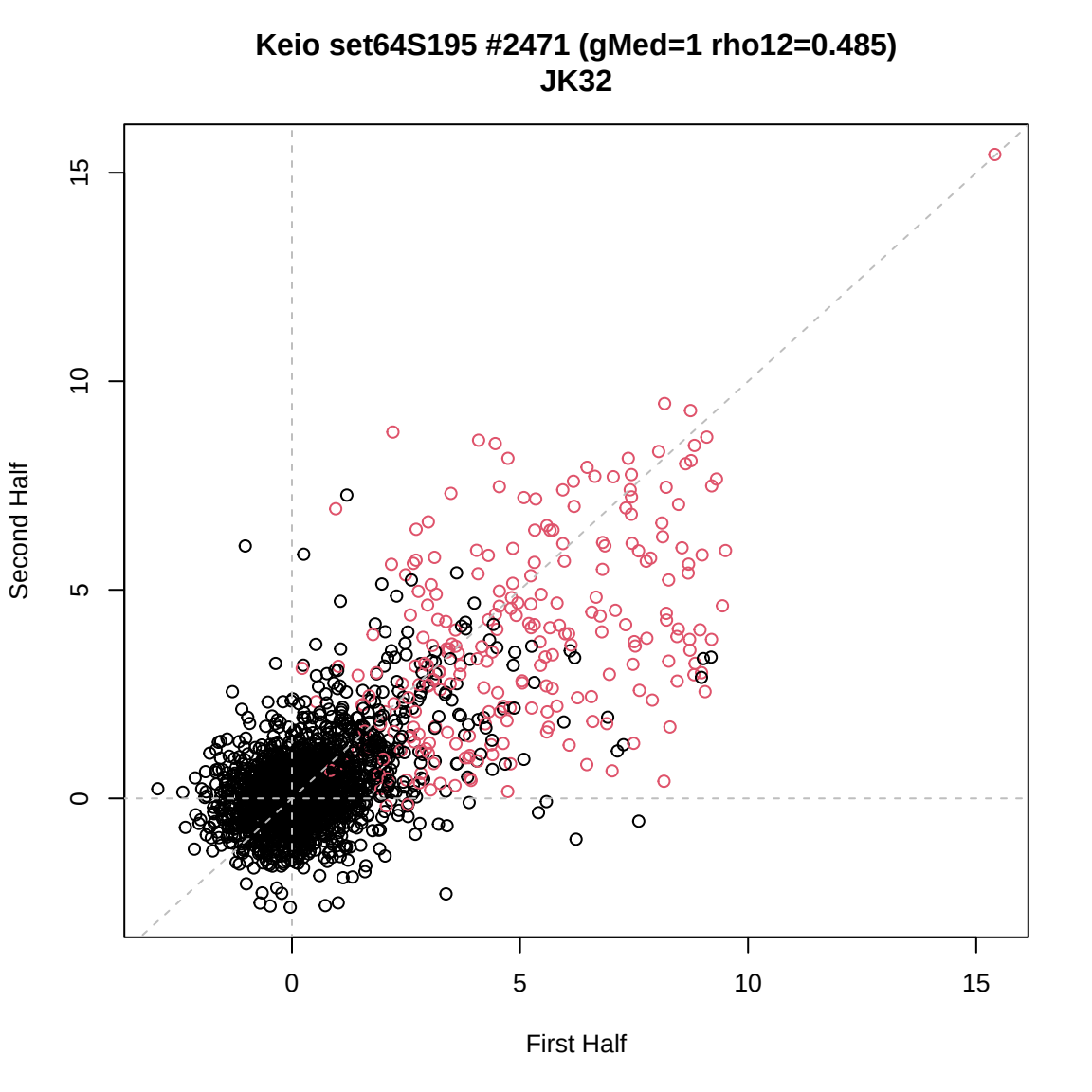

Keio set64S185 #2466 (gMed=254 rho12=0.046)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

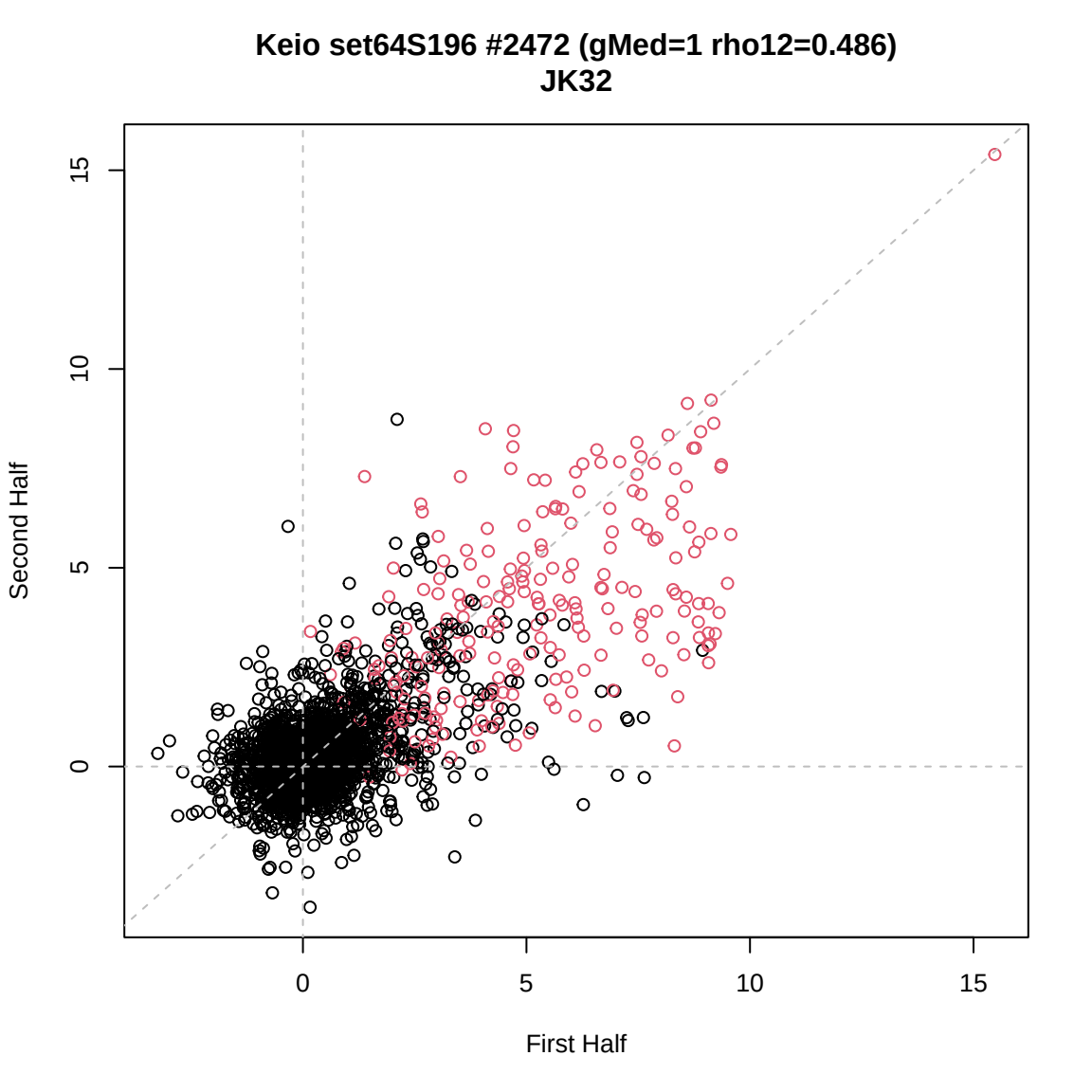

Keio set64S186 #2467 (gMed=220 rho12=0.064)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

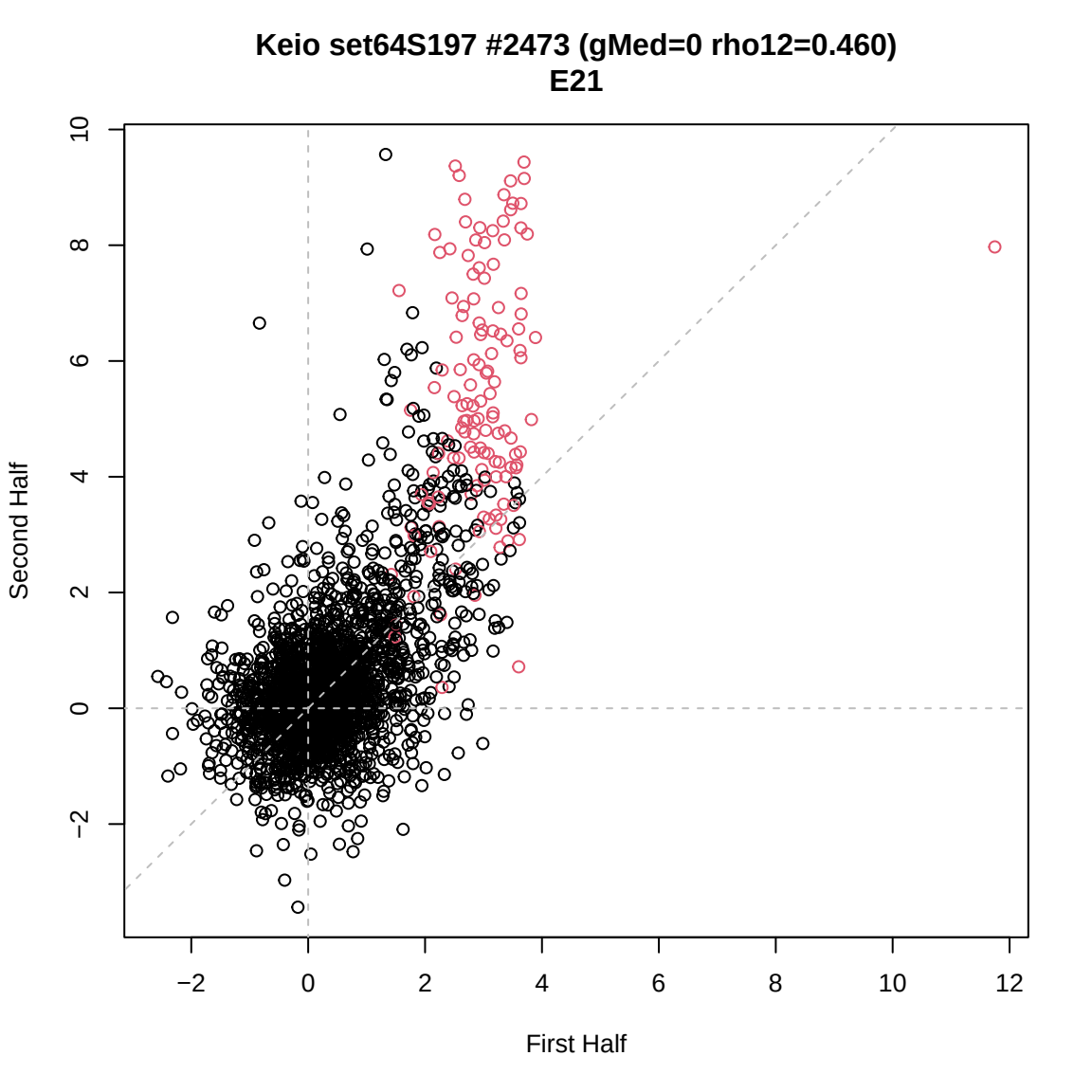

Keio set64S189 #2468 (gMed=238 rho12=0.034)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

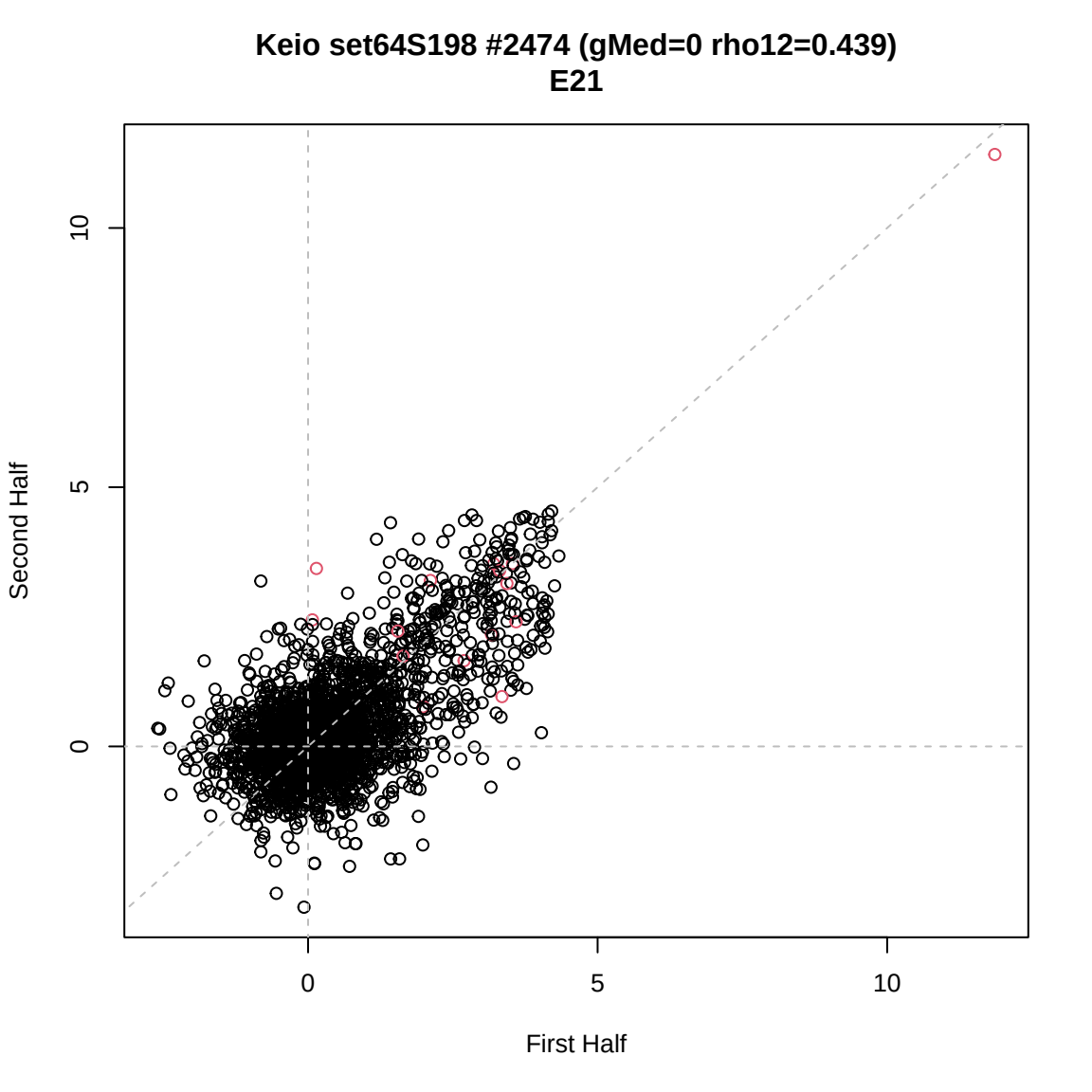

Keio set64S193 #2469 (gMed=0 rho12=0.497)
Bas43
Second Half
First Half
0
5
10
15

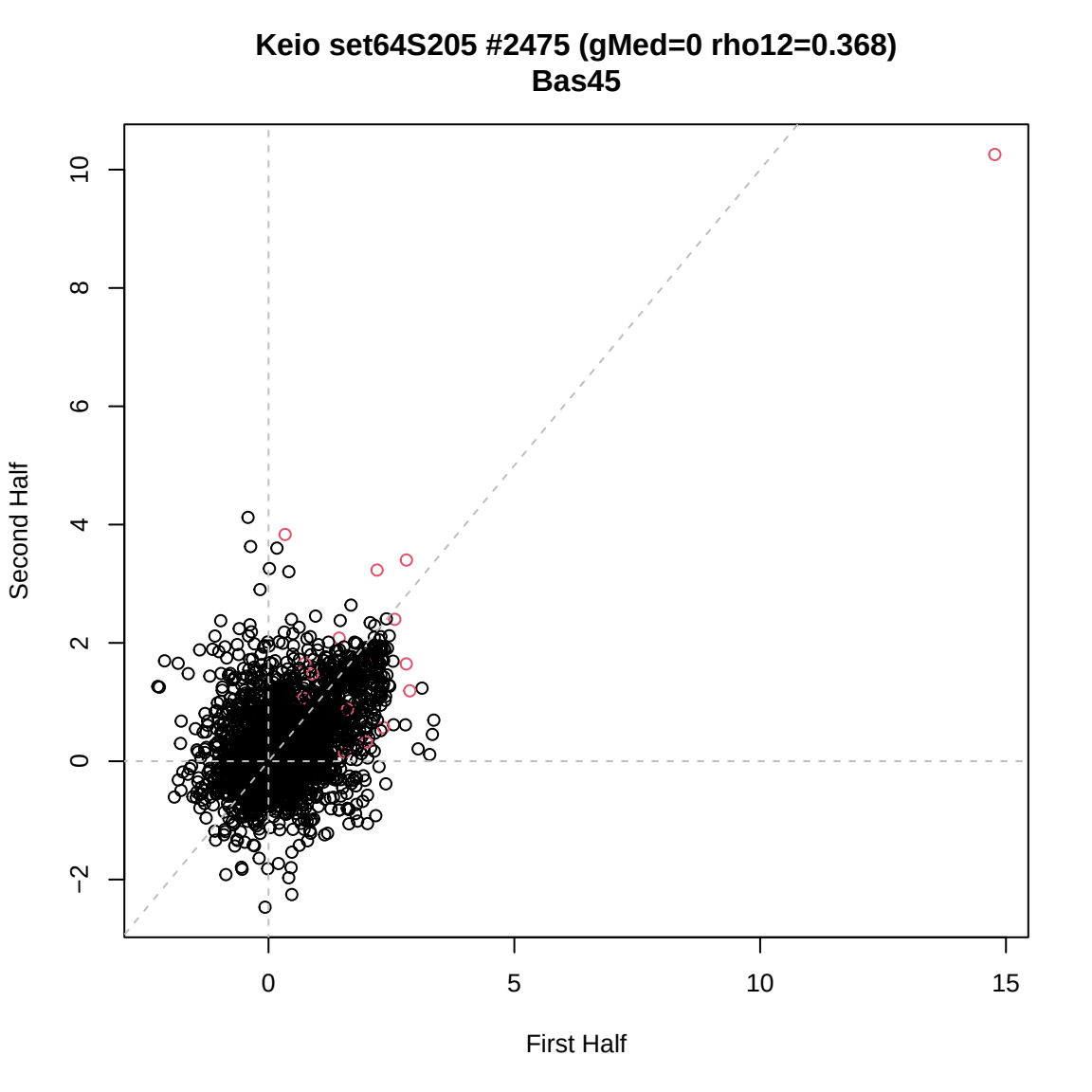

Keio set64S194 #2470 (gMed=1 rho12=0.485)
Bas43
Second Half
First Half
0
5
10
15

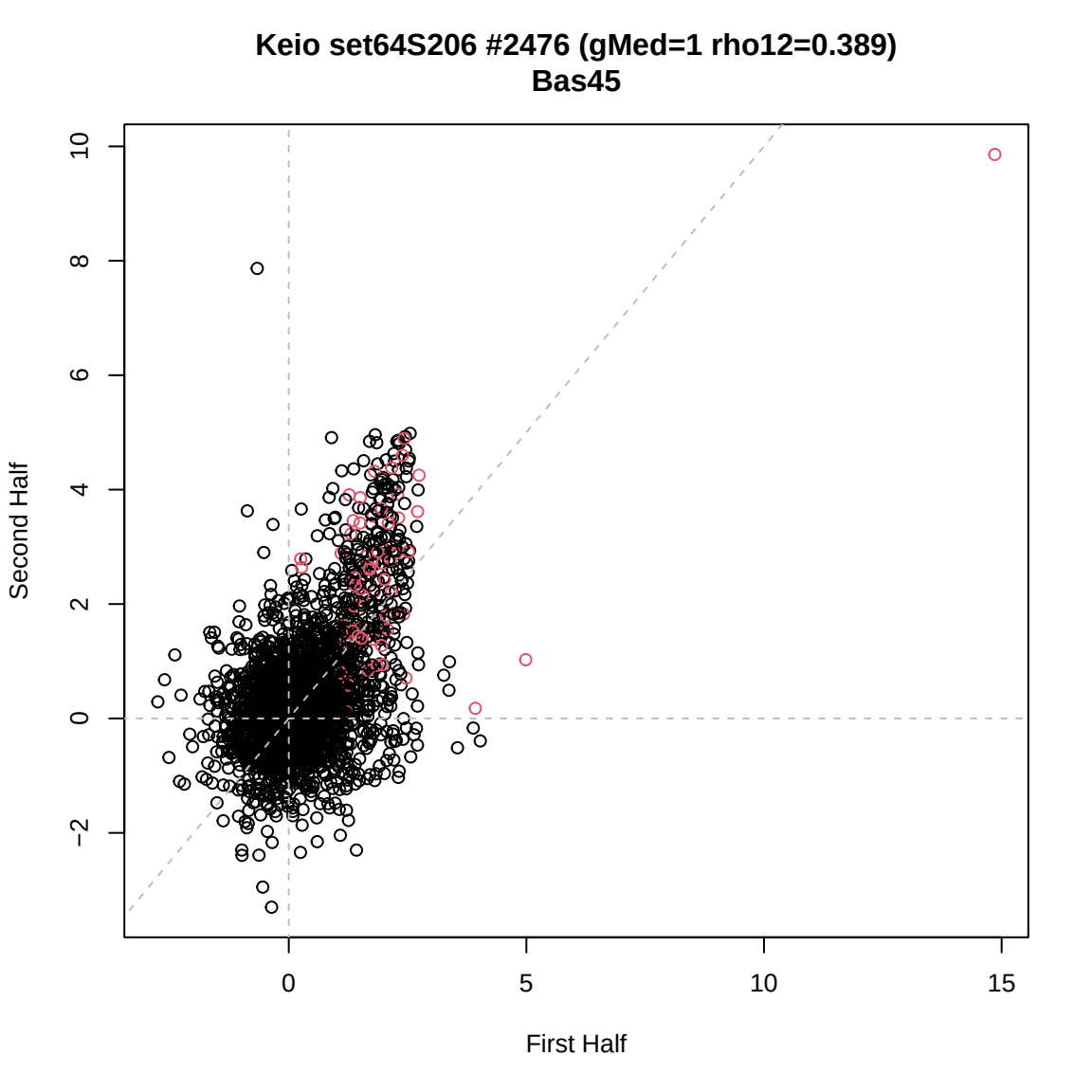

Keio set64S195 #2471 (gMed=1 rho12=0.485)
JK32
Second Half
First Half
0
5
10
15

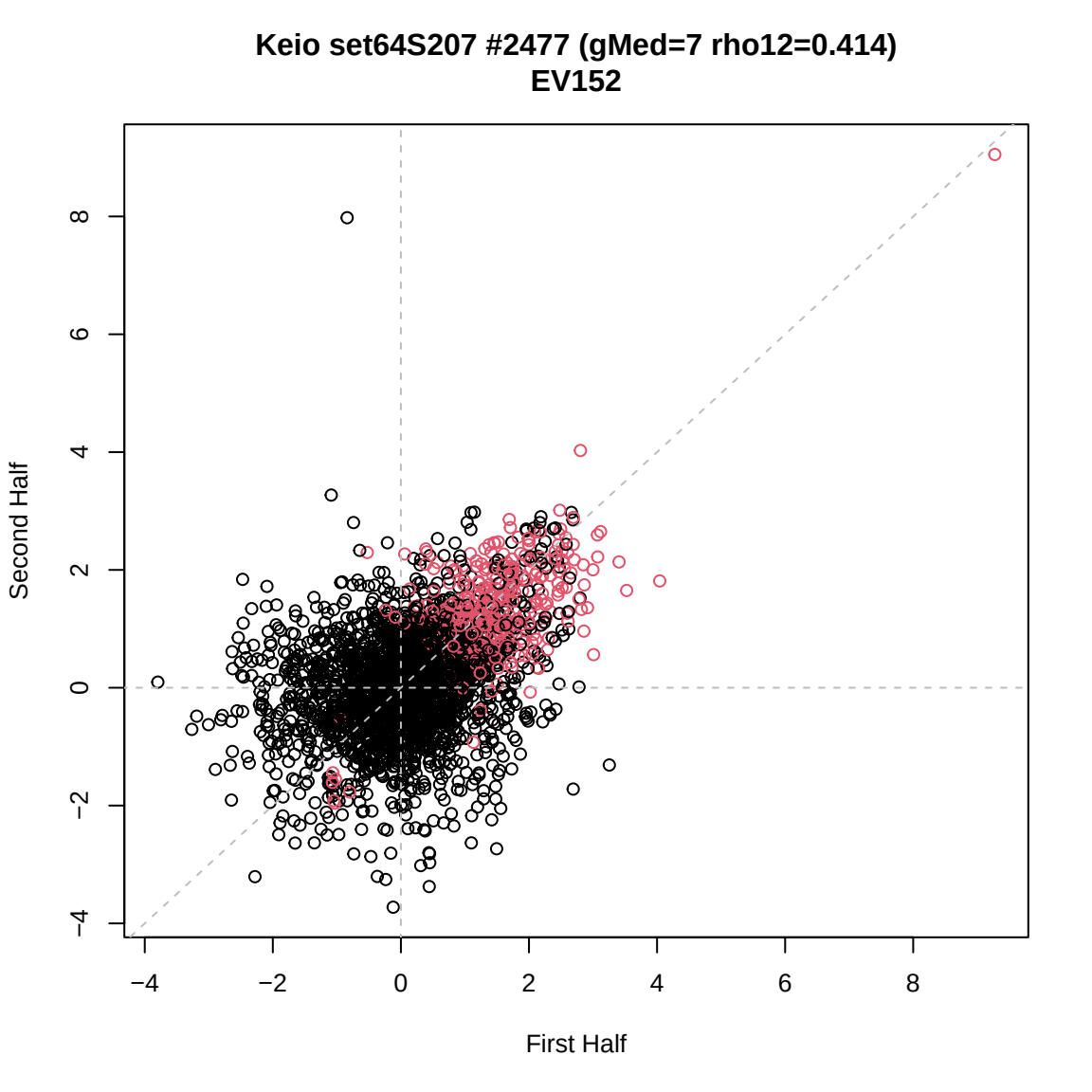

Keio set64S196 #2472 (gMed=1 rho12=0.486)
JK32
Second Half
First Half
0
5
10
15

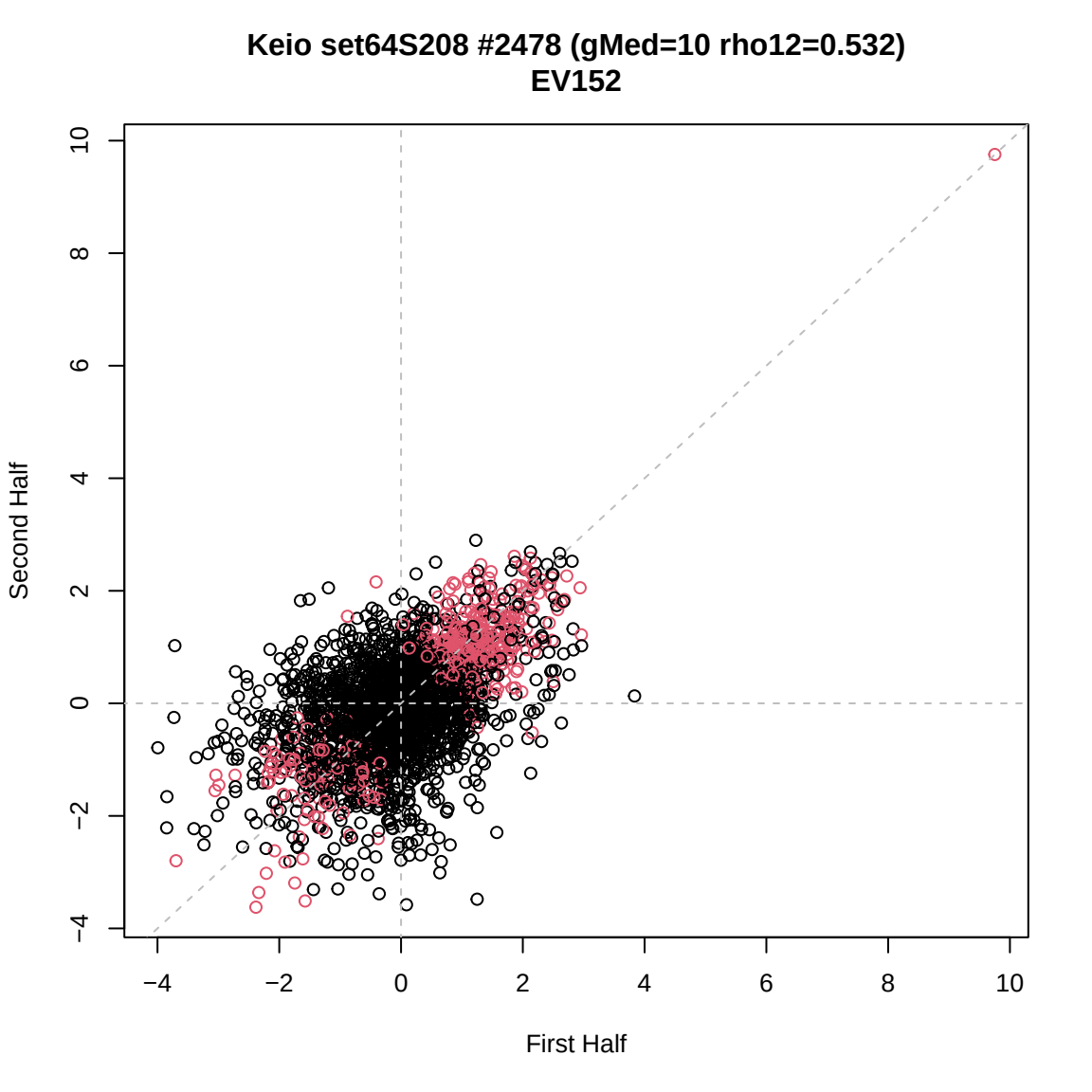

Keio set64S197 #2473 (gMed=0 rho12=0.460)
E21
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10
12

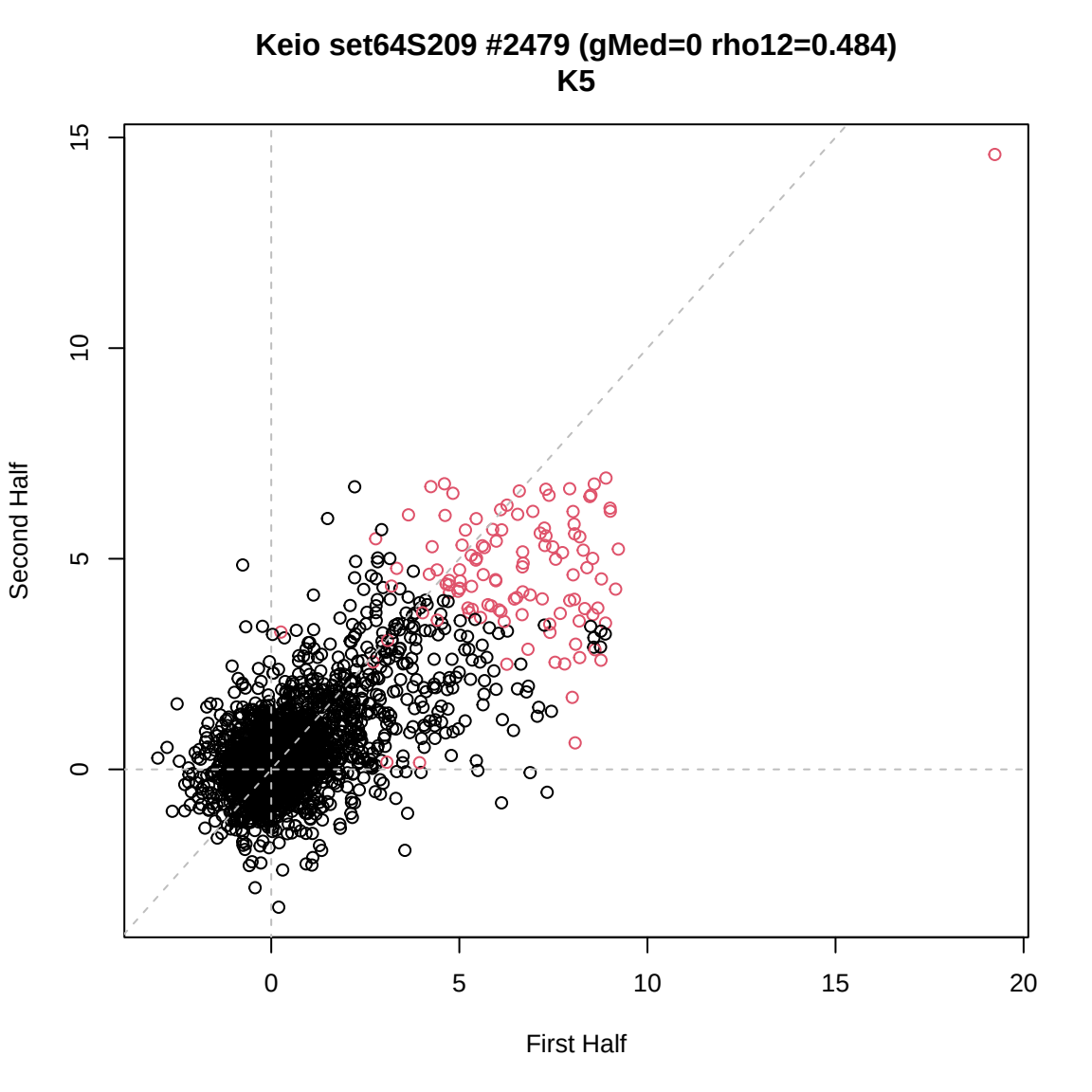

Keio set64S198 #2474 (gMed=0 rho12=0.439)
E21
Second Half
First Half
0
5
10
0
5
10

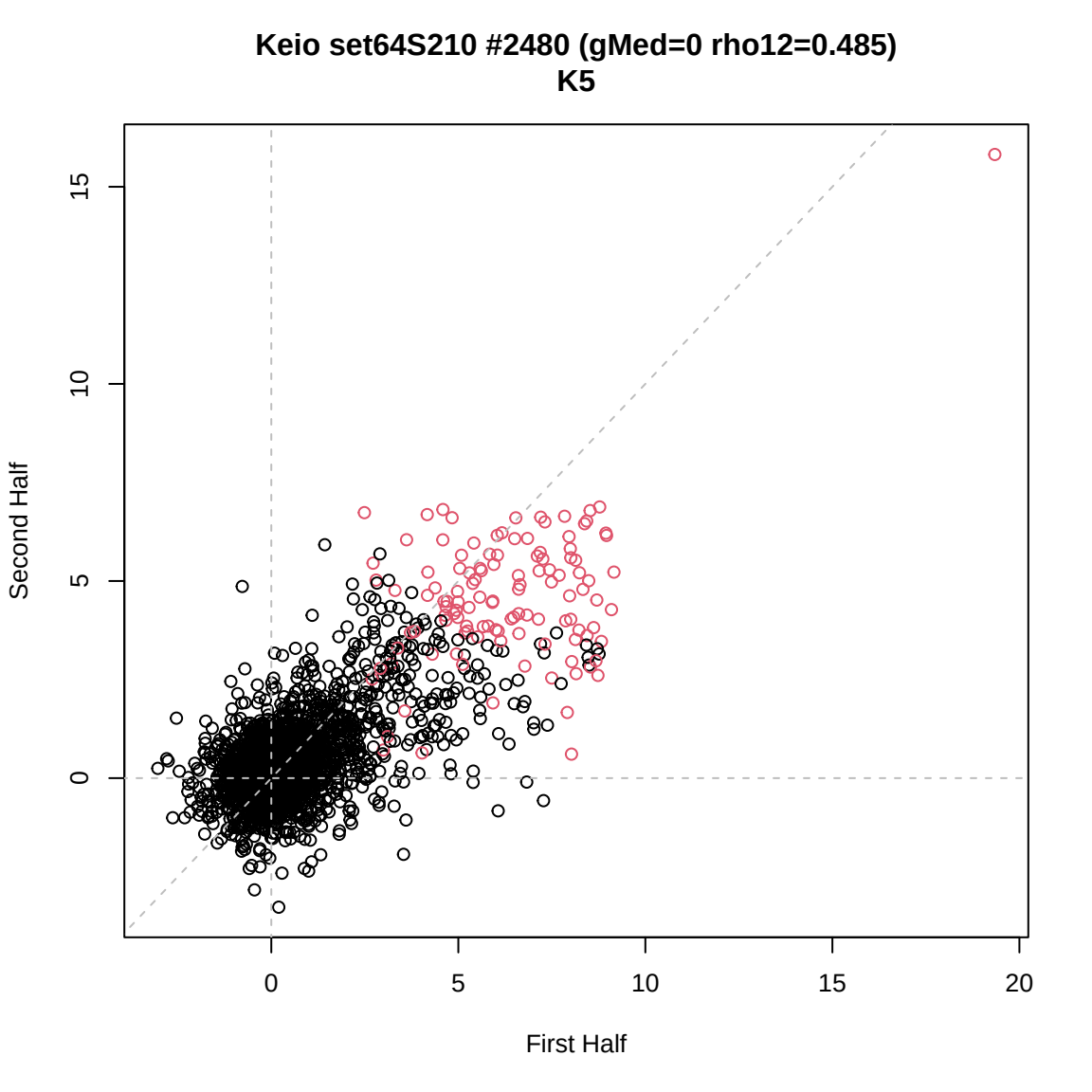

Keio set64S205 #2475 (gMed=0 rho12=0.368)
Bas45
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10
15

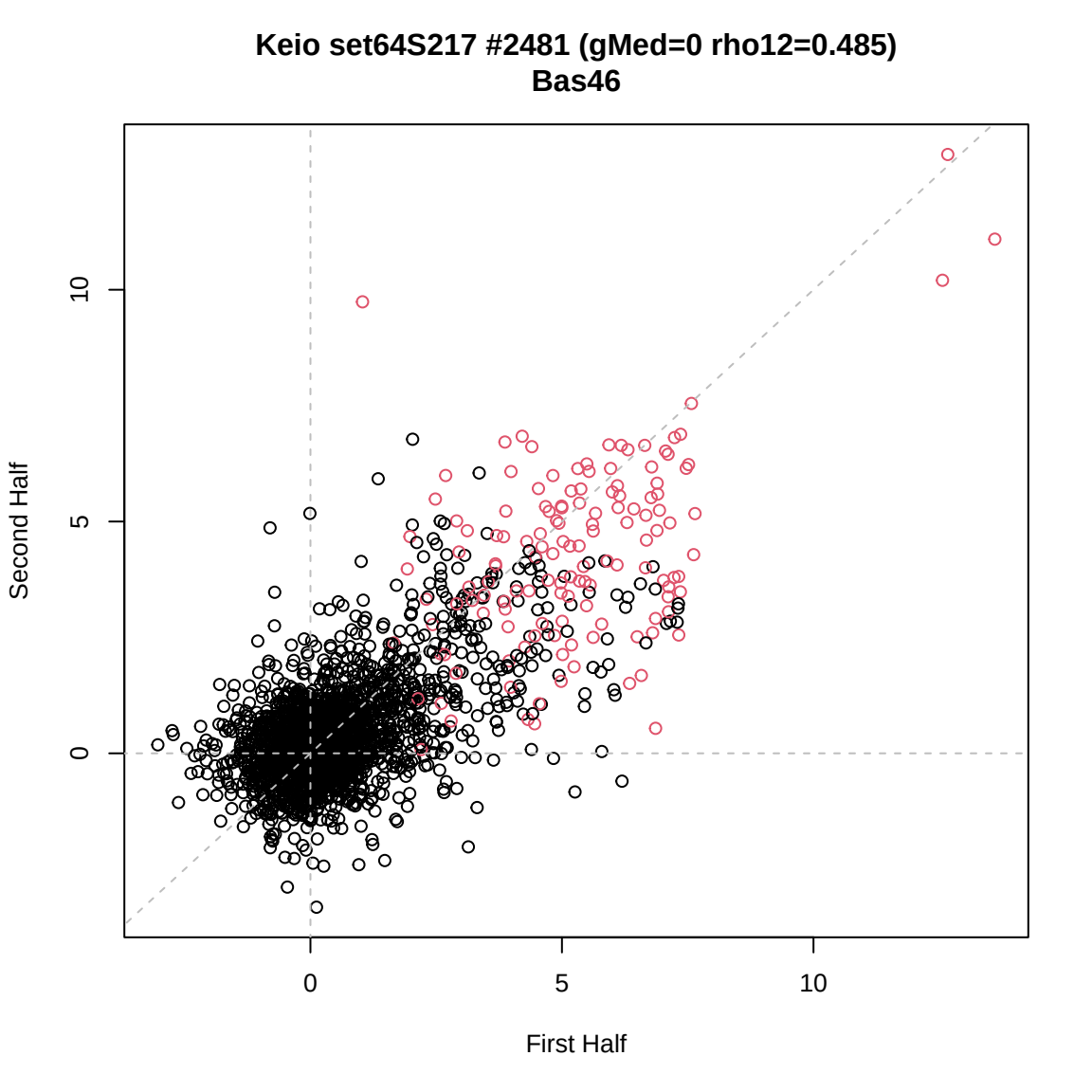

Keio set64S206 #2476 (gMed=1 rho12=0.389)
Bas45
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10
15

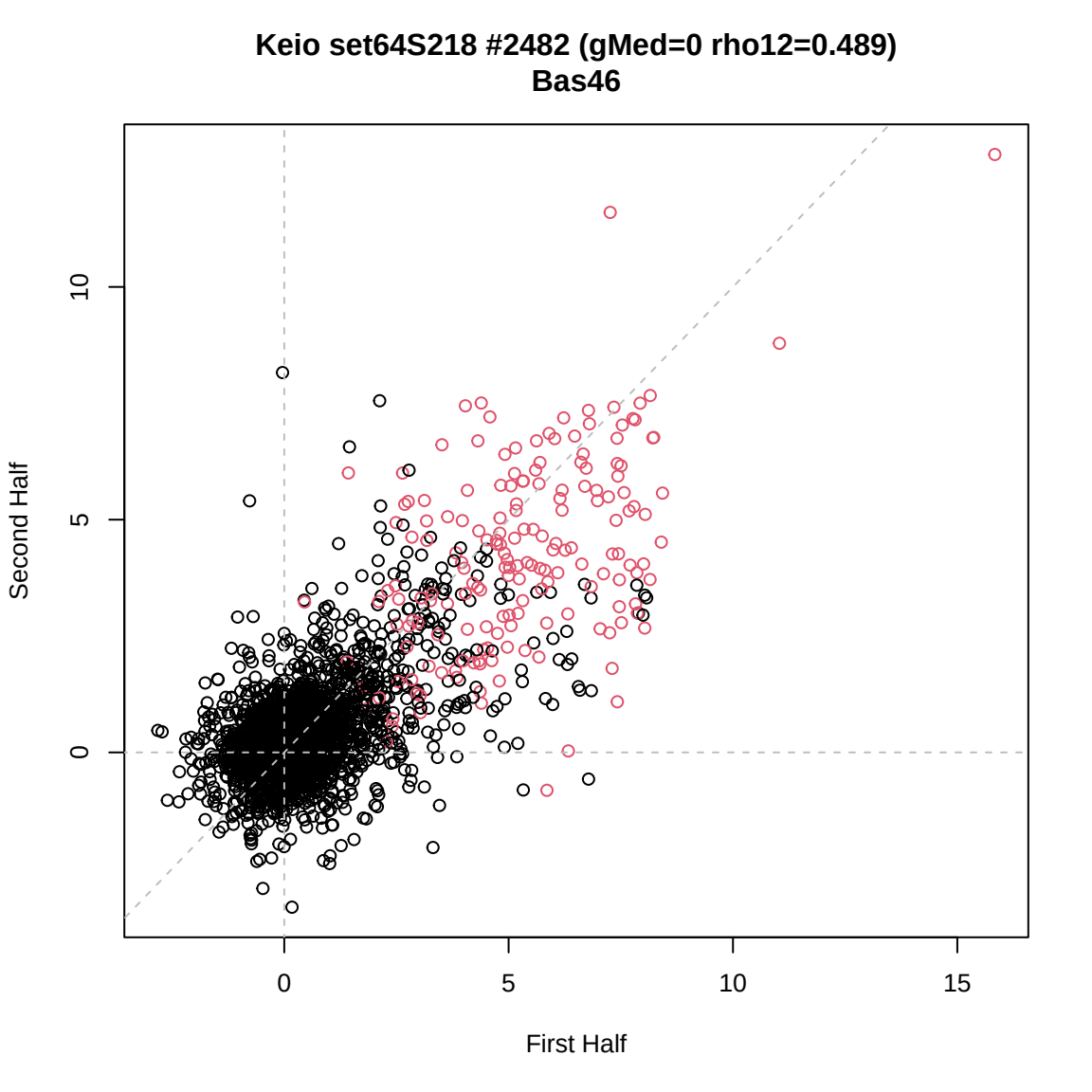

Keio set64S207 #2477 (gMed=7 rho12=0.414)
EV152
Second Half
First Half
−4
−2
0
2
4
6
8

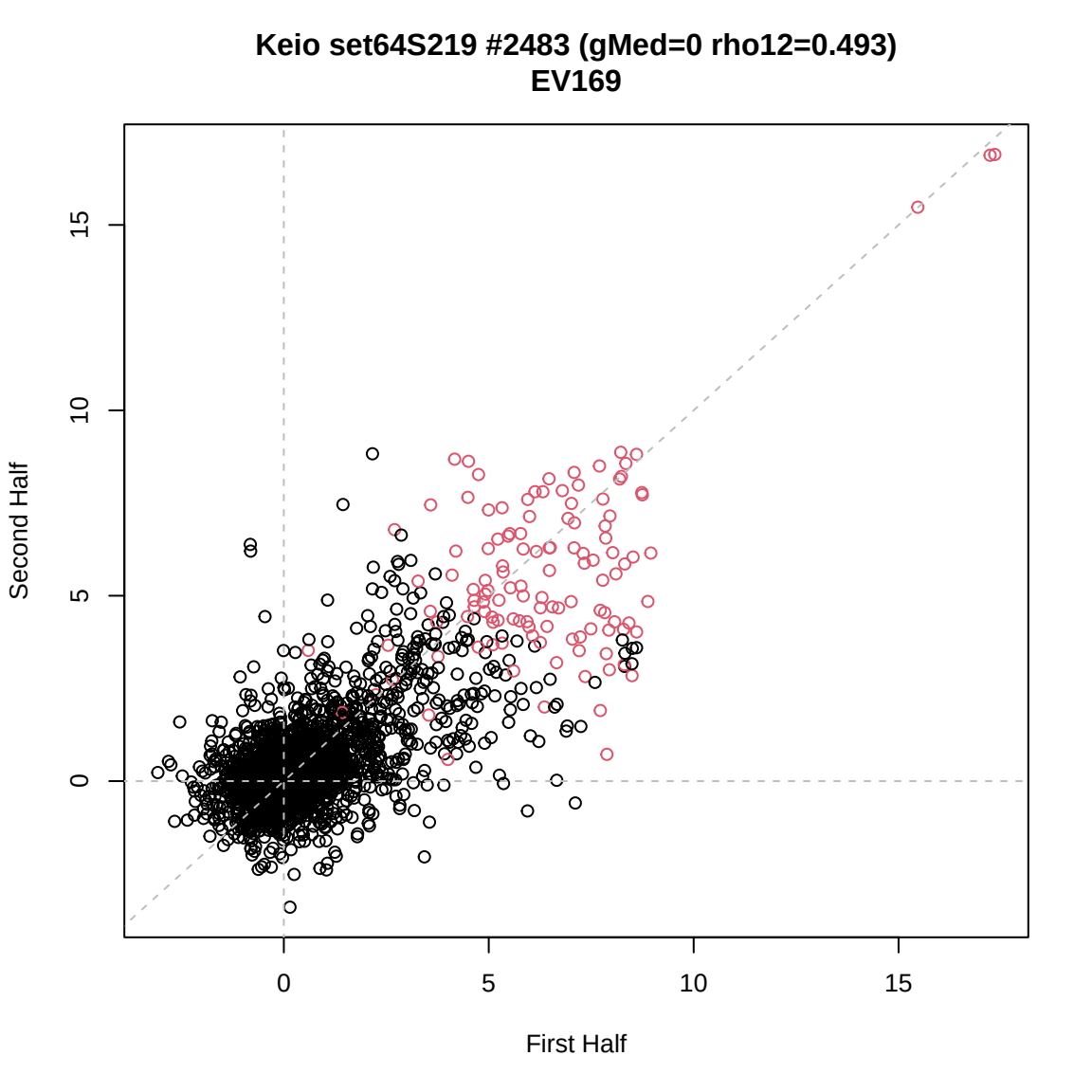

Keio set64S208 #2478 (gMed=10 rho12=0.532)
EV152
Second Half
First Half
10
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8
10

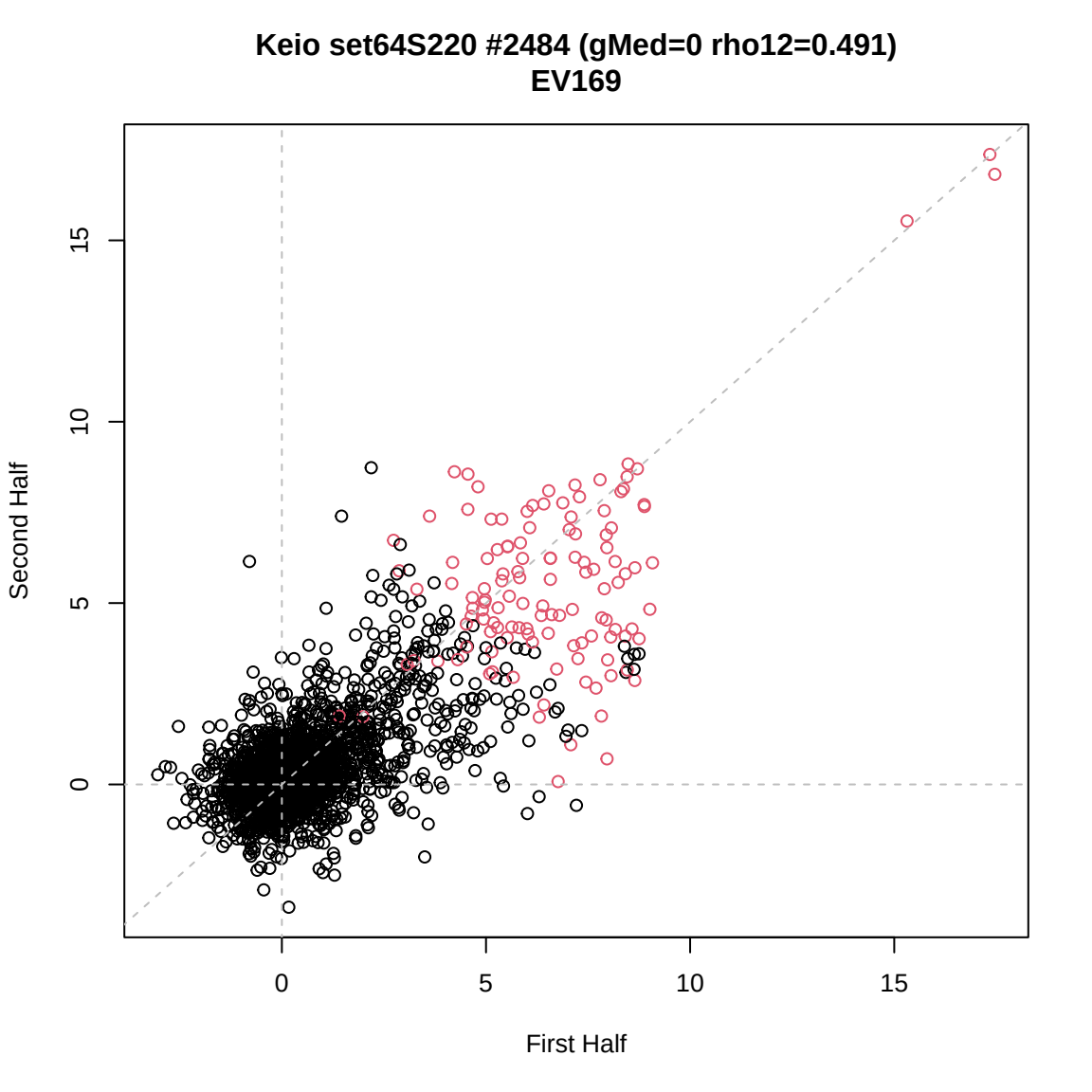

Keio set64S209 #2479 (gMed=0 rho12=0.484)
K5
Second Half
First Half
0
5
10
15
20

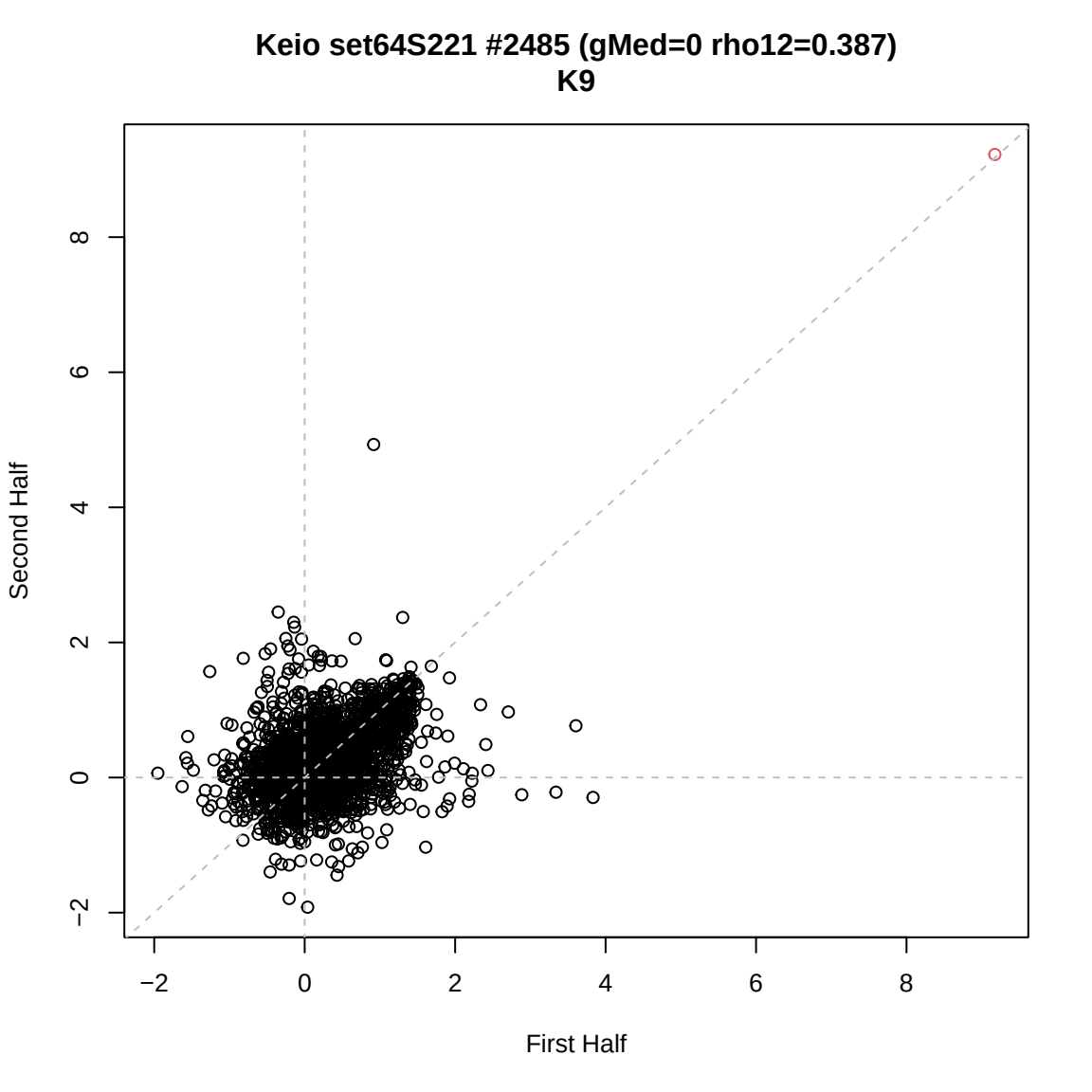

Keio set64S210 #2480 (gMed=0 rho12=0.485)
K5
Second Half
First Half
0
5
10
15
20

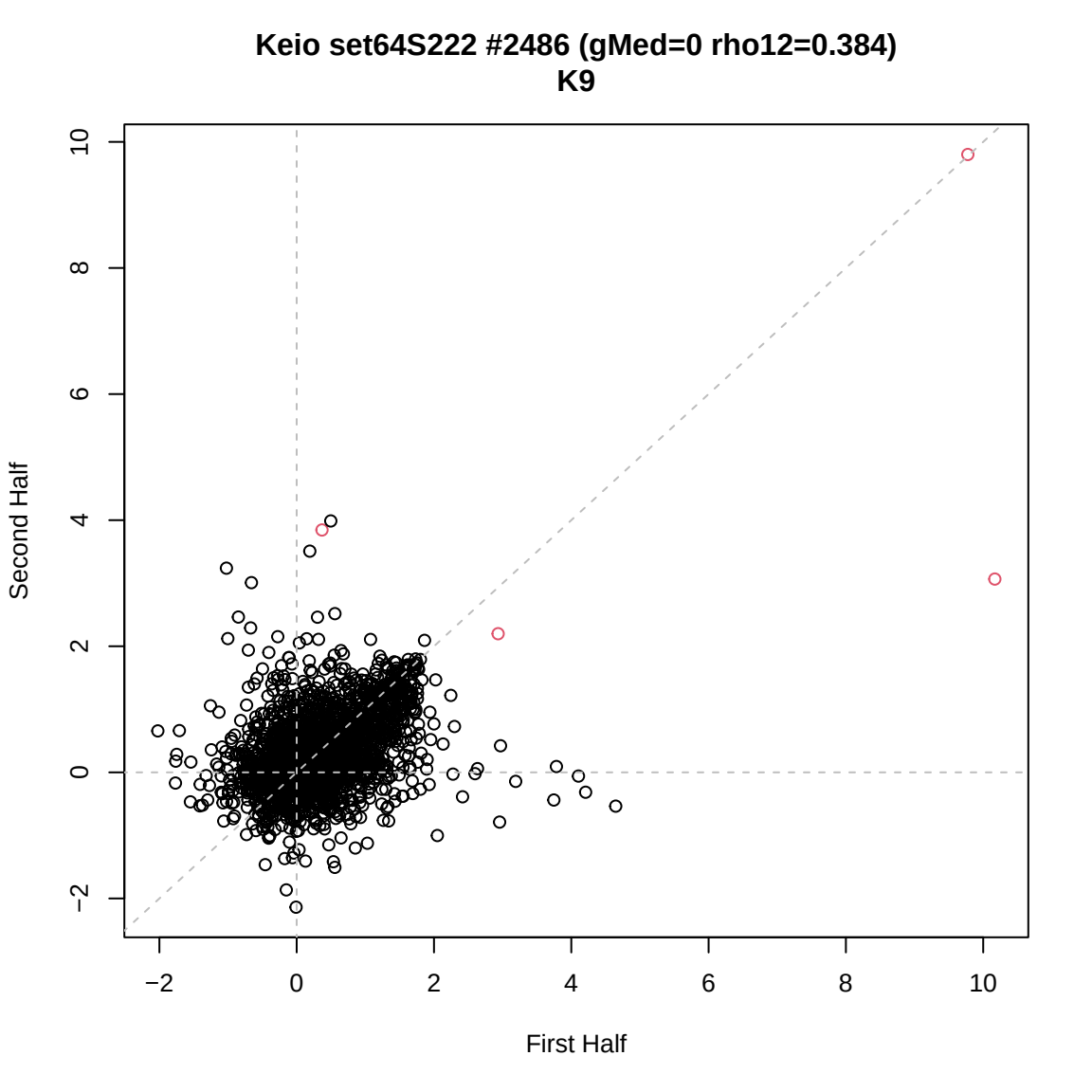

Keio set64S217 #2481 (gMed=0 rho12=0.485)
Bas46
Second Half
First Half
0
5
10
0
5
10

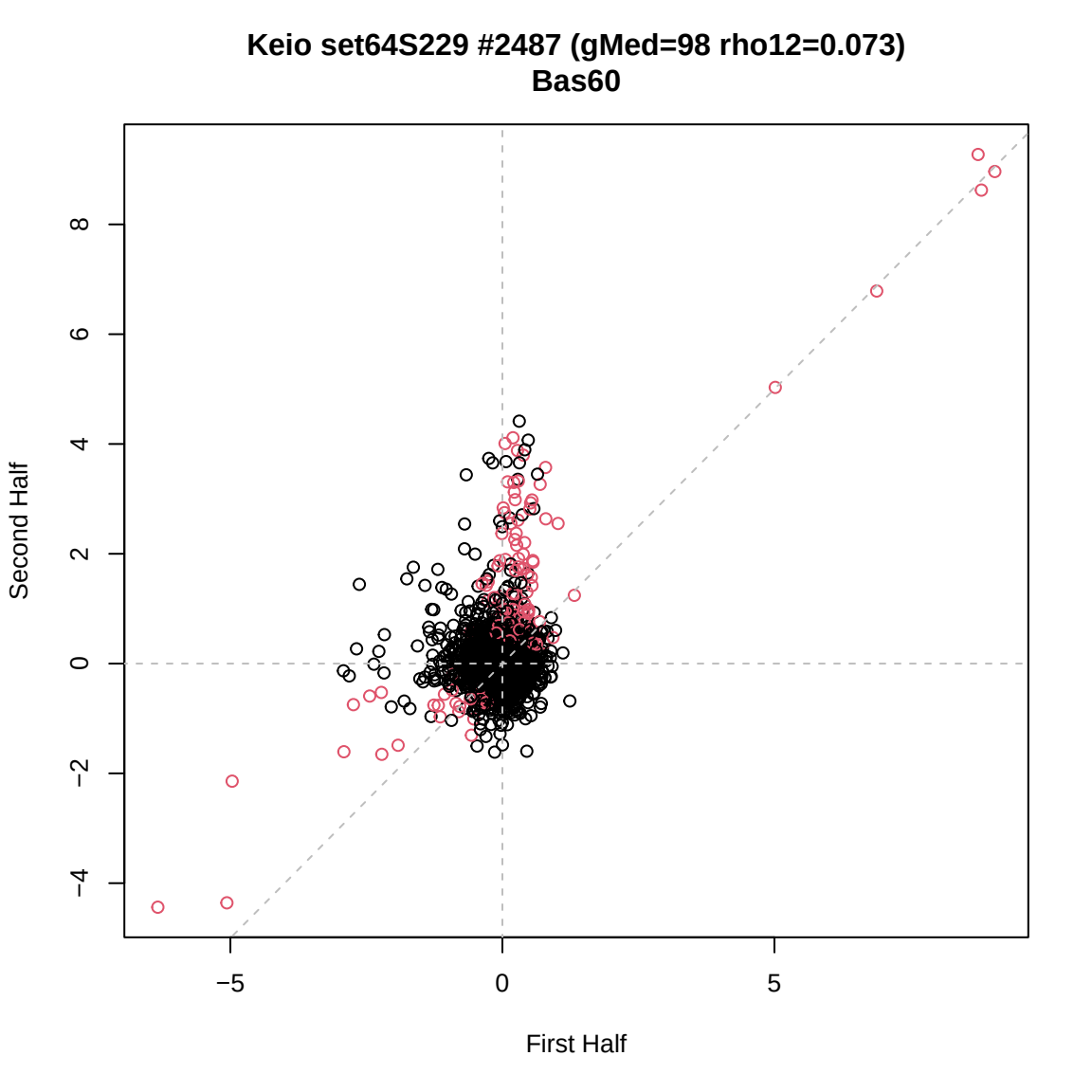

Keio set64S218 #2482 (gMed=0 rho12=0.489)
Bas46
Second Half
First Half
0
5
10
15
0
5
10

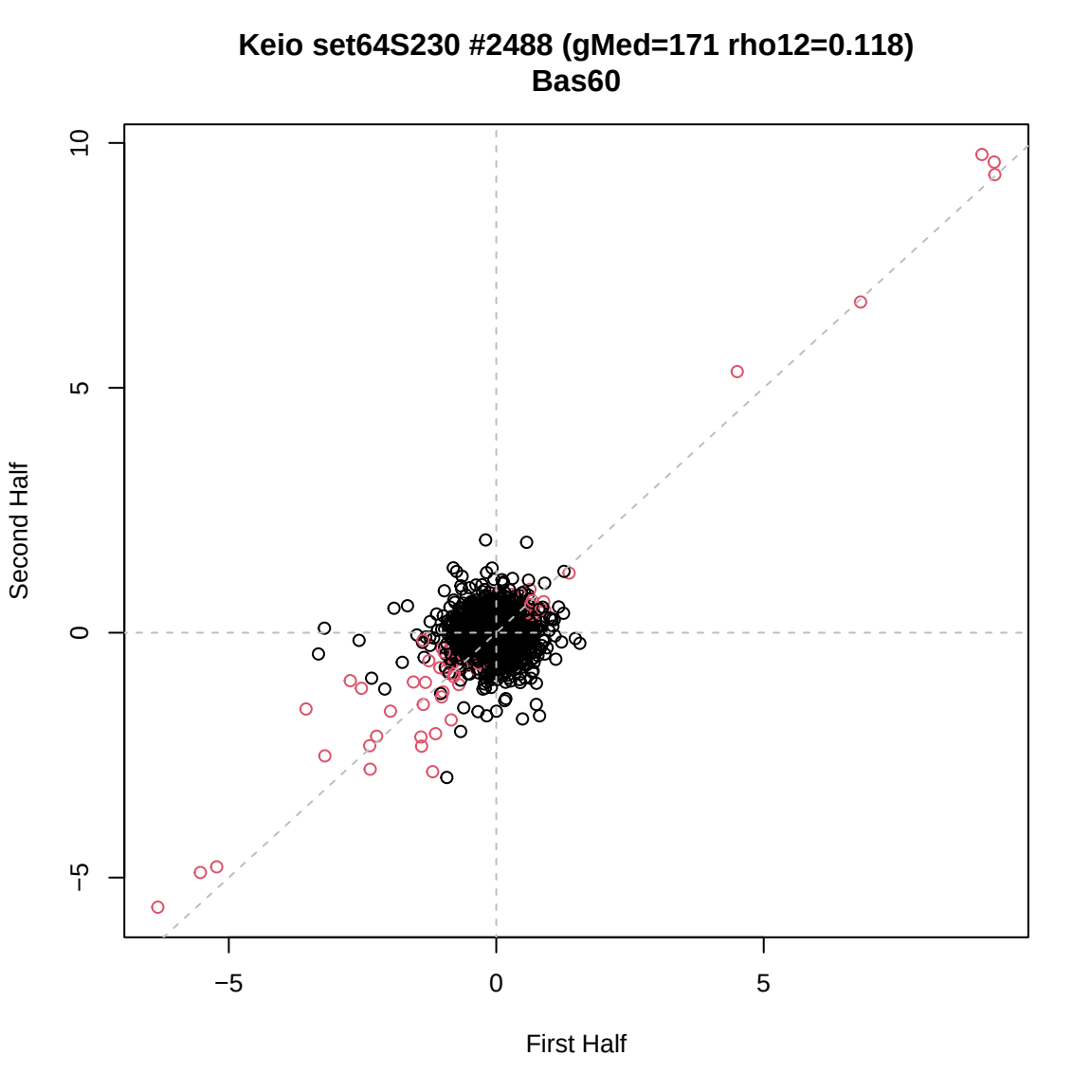

Keio set64S219 #2483 (gMed=0 rho12=0.493)
EV169
Second Half
First Half
0
5
10
15
0
5
10
15

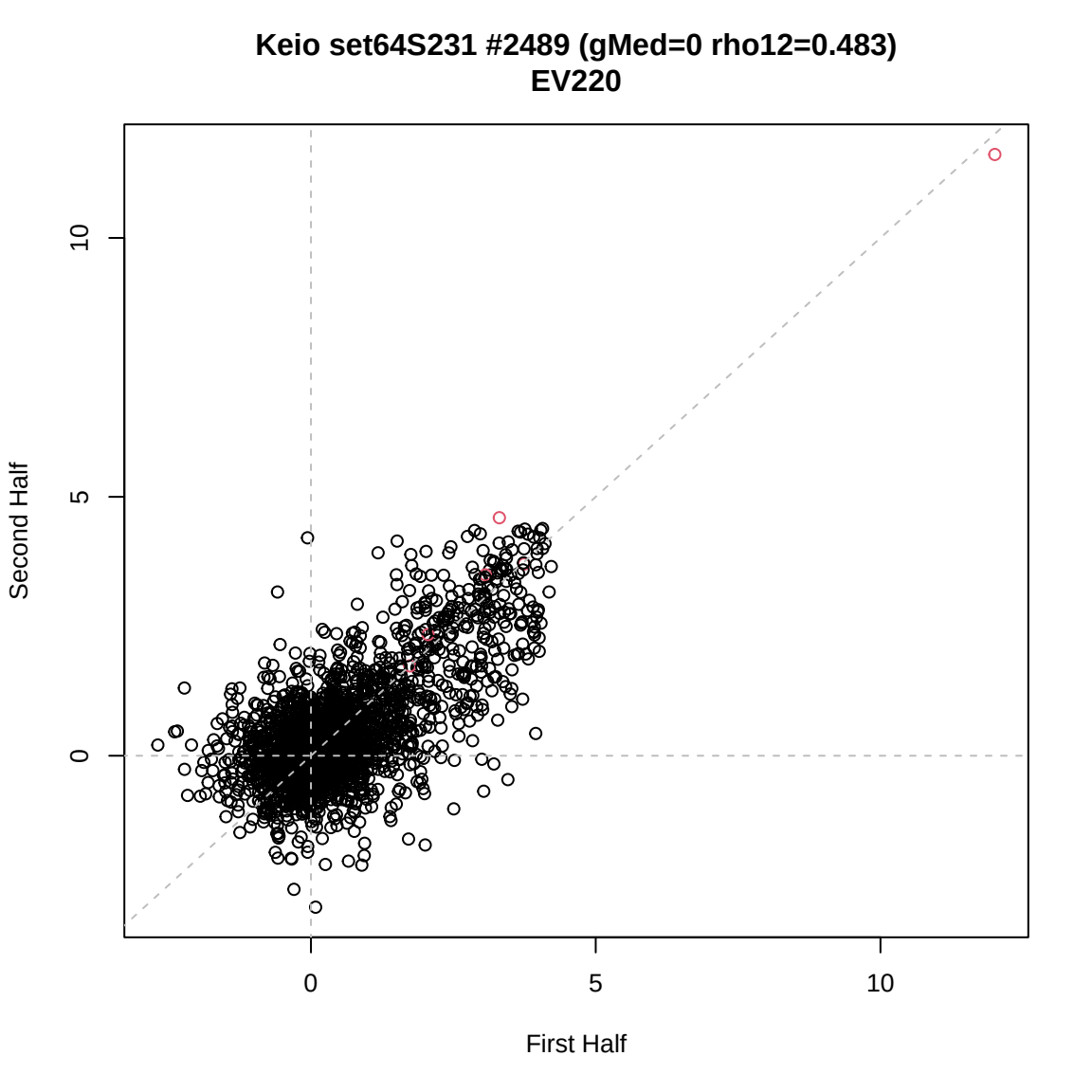

Keio set64S220 #2484 (gMed=0 rho12=0.491)
EV169
Second Half
First Half
0
5
10
15
0
5
10
15

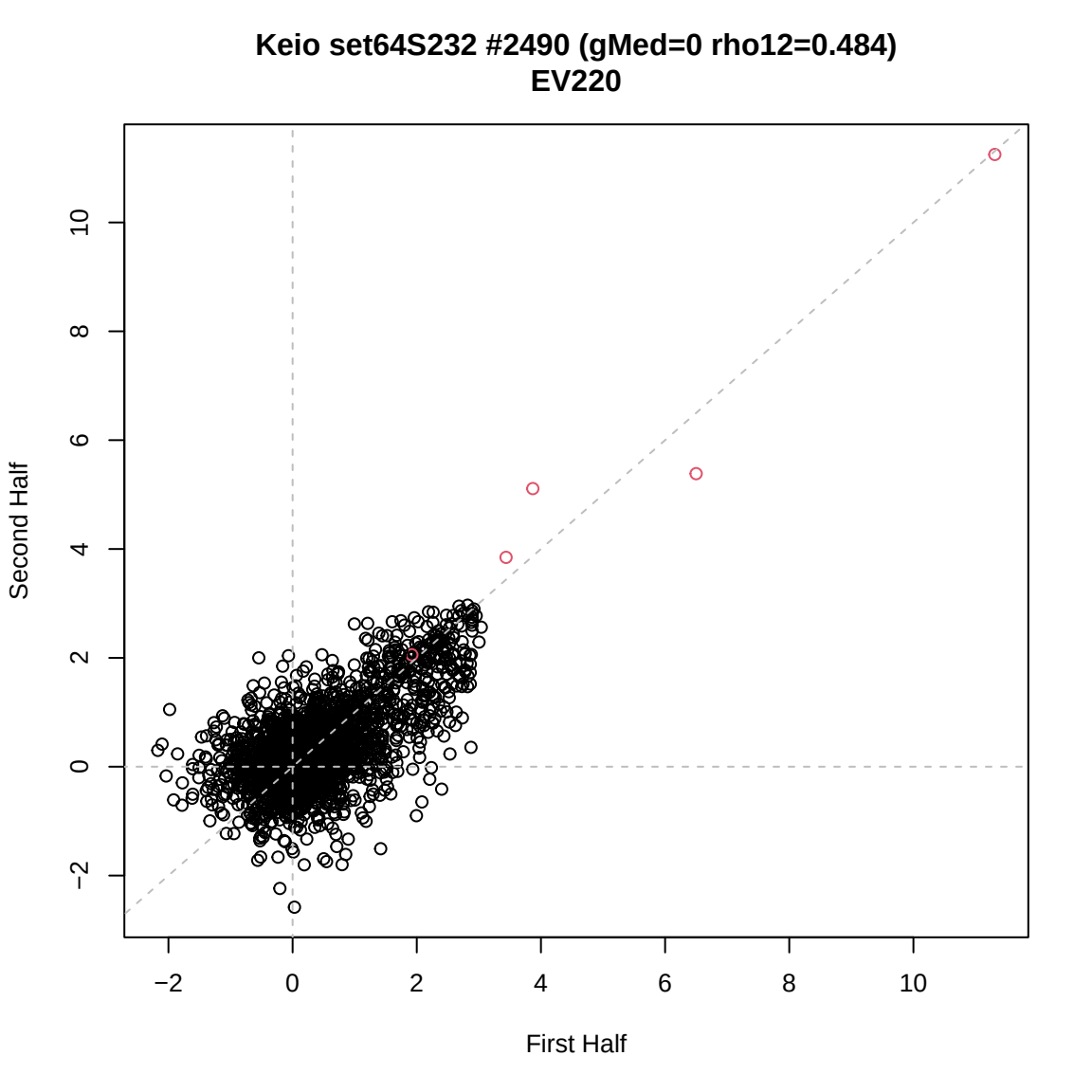

Keio set64S221 #2485 (gMed=0 rho12=0.387)
K9
Second Half
First Half
−2
0
2
4
6
8

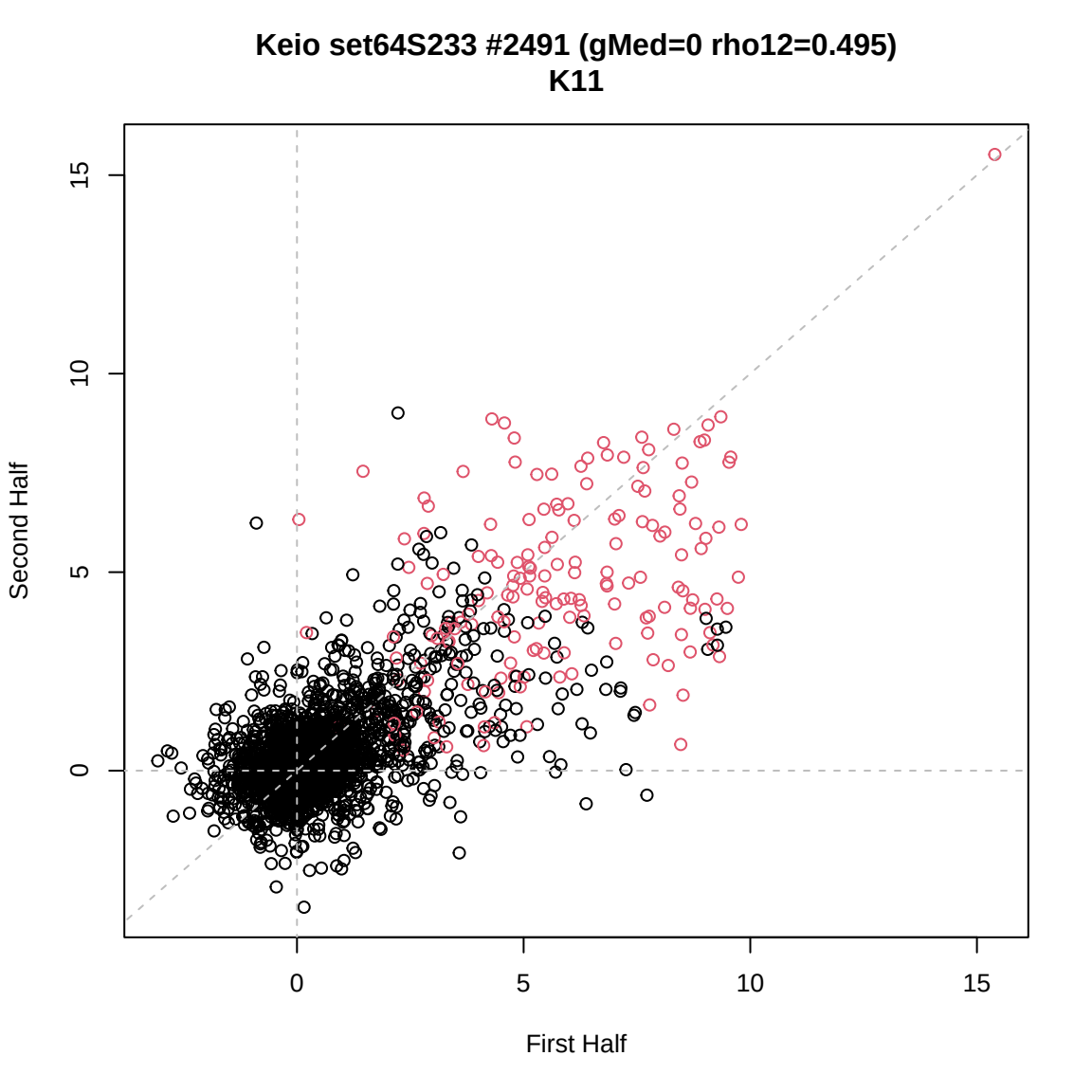

Keio set64S222 #2486 (gMed=0 rho12=0.384)
K9
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

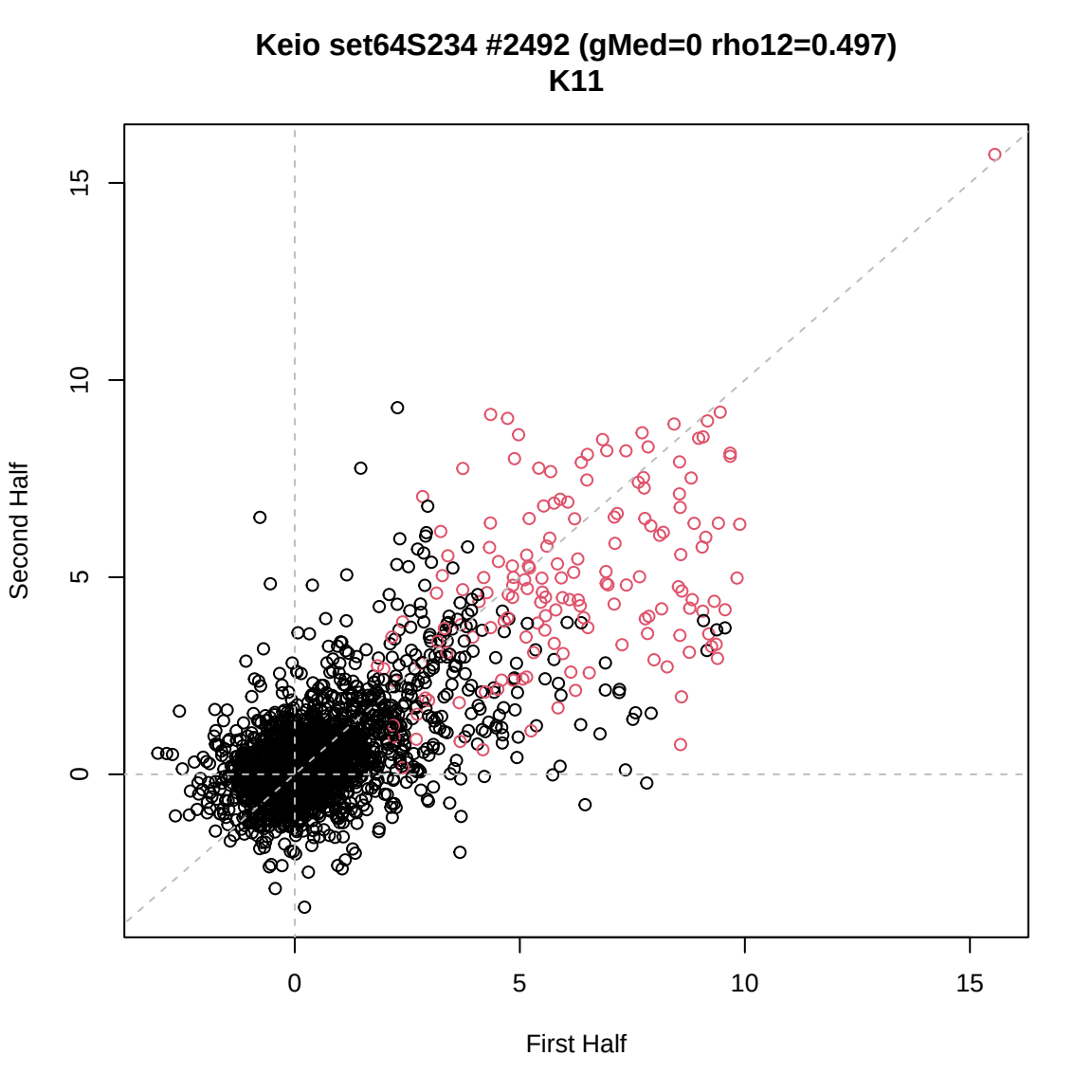

Keio set64S229 #2487 (gMed=98 rho12=0.073)
Bas60
Second Half
First Half
8
6
4
2
0
−2
−4
−5
0
5

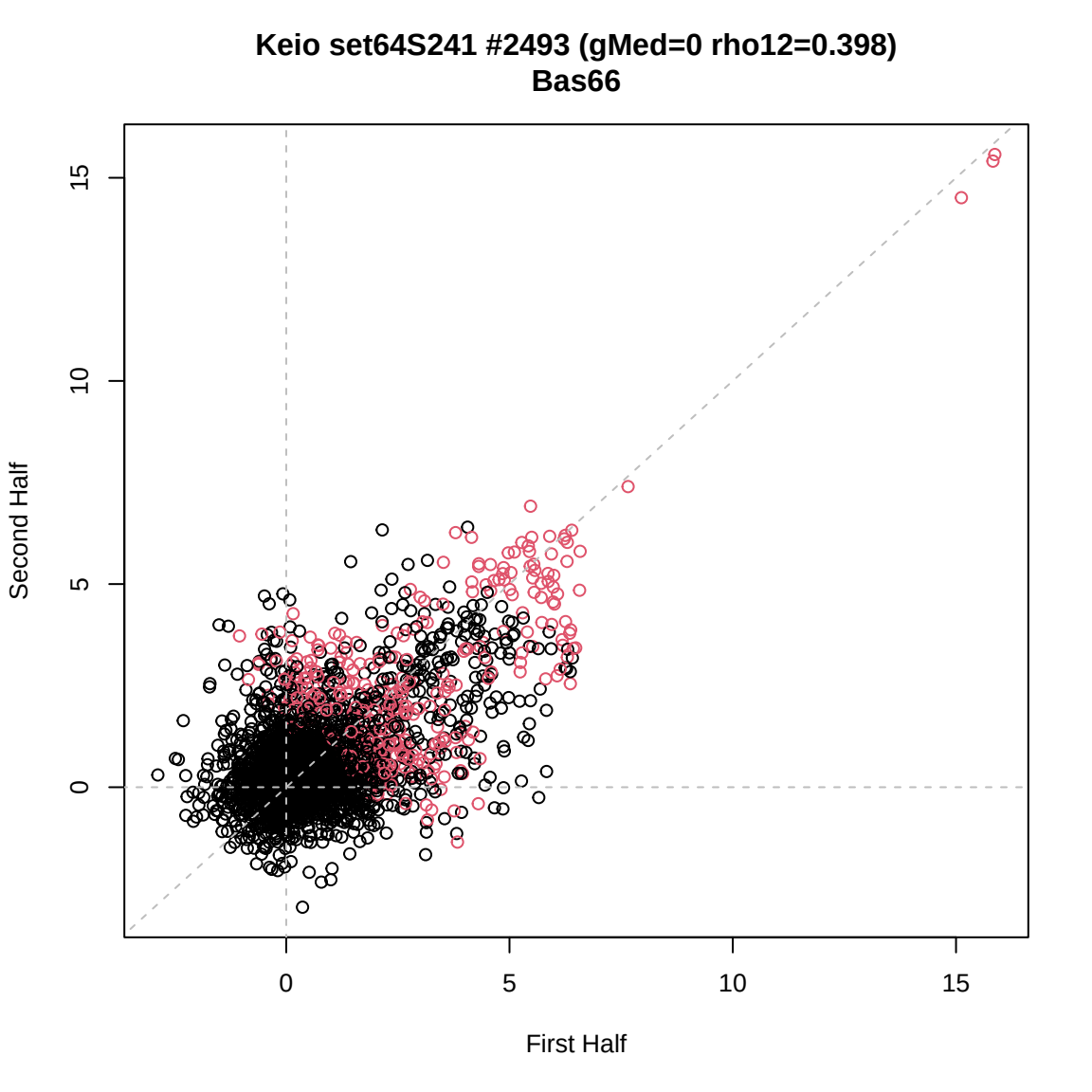

Keio set64S230 #2488 (gMed=171 rho12=0.118)
Bas60
Second Half
First Half
10
5
0
−5
−5
0
5

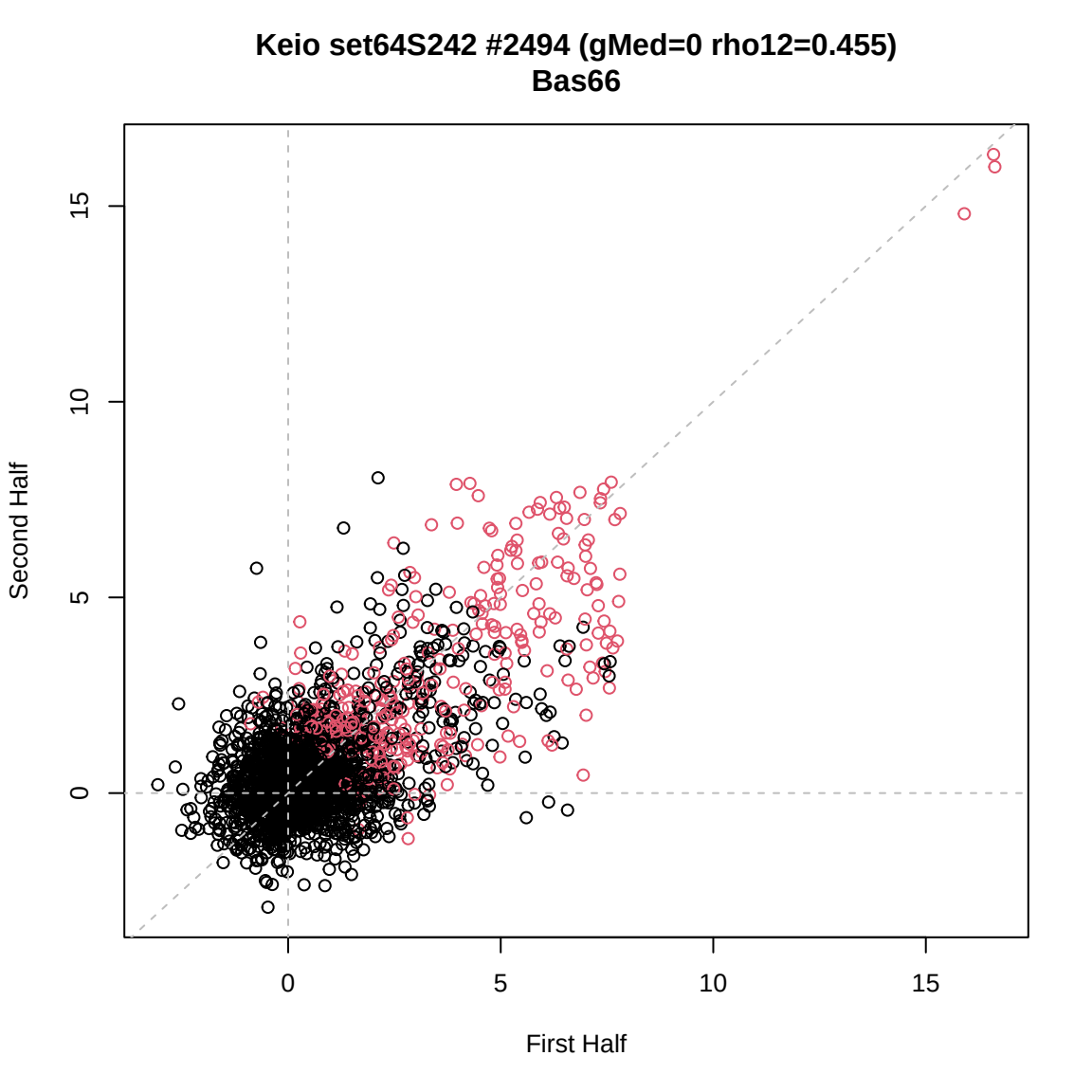

Keio set64S231 #2489 (gMed=0 rho12=0.483)
EV220
Second Half
First Half
10
5
0
0
5
10

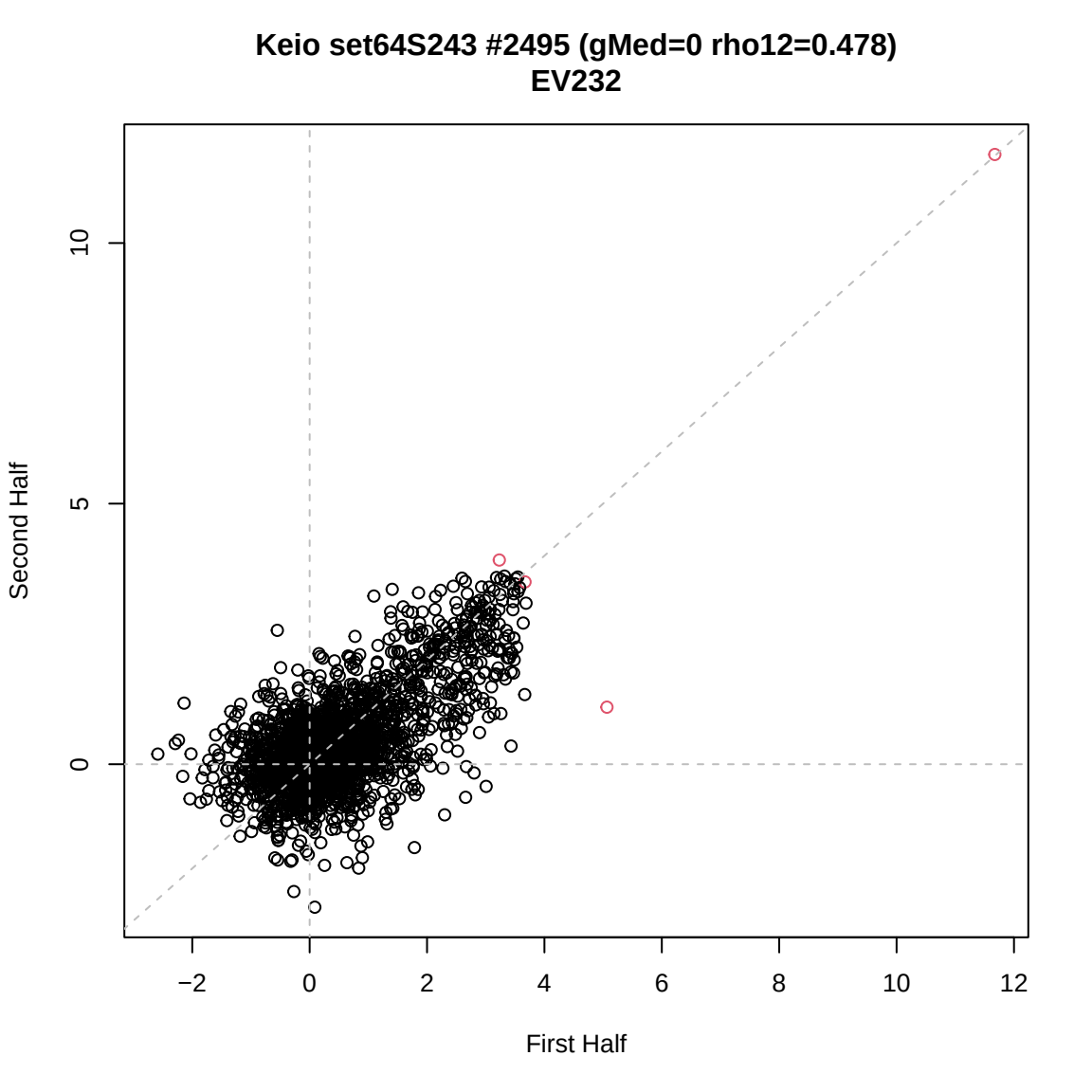

Keio set64S232 #2490 (gMed=0 rho12=0.484)
EV220
Second Half
First Half
−2
0
2
4
6
8
10

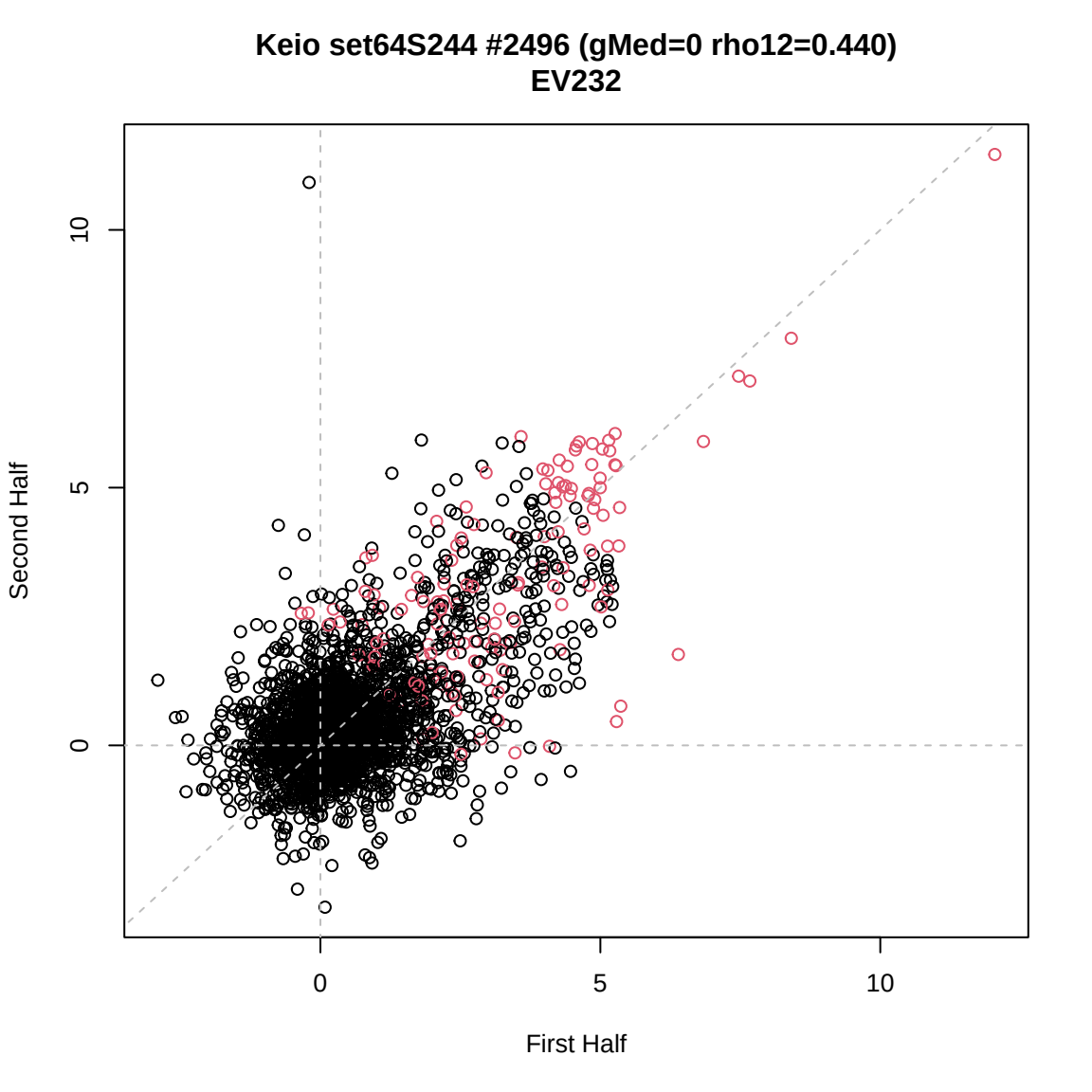

Keio set64S233 #2491 (gMed=0 rho12=0.495)
K11
Second Half
First Half
0
5
10
15

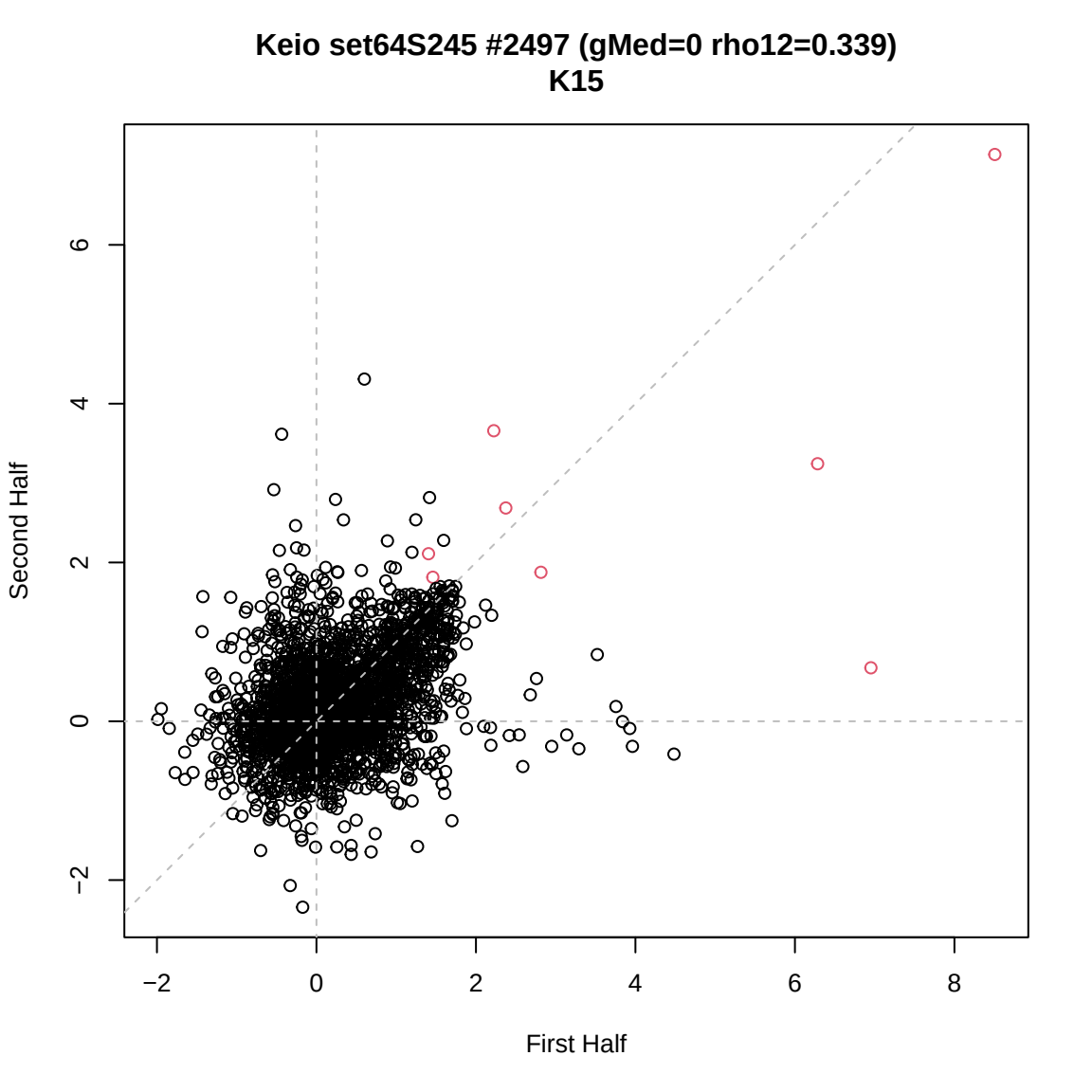

Keio set64S234 #2492 (gMed=0 rho12=0.497)
K11
Second Half
First Half
0
5
10
15

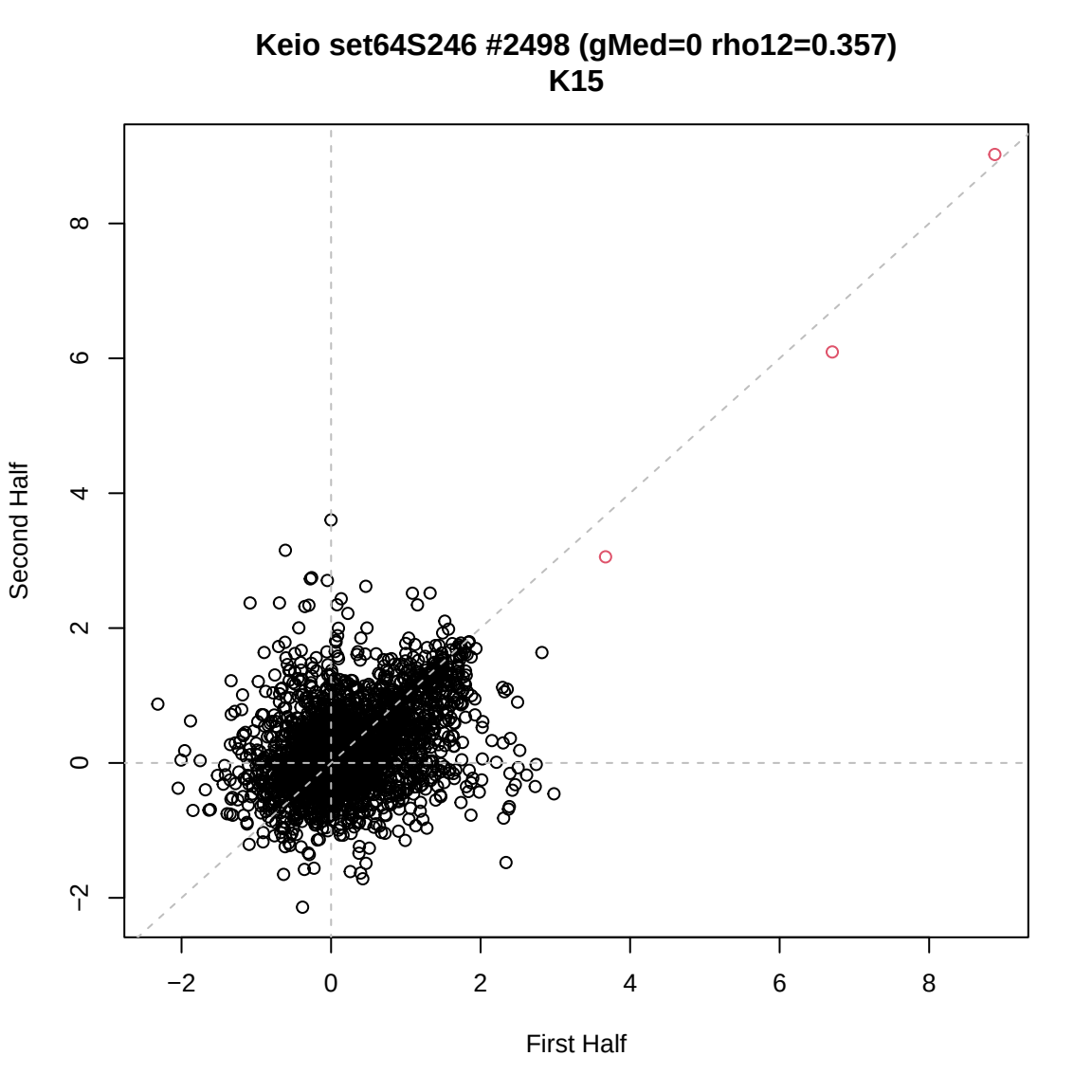

Keio set64S241 #2493 (gMed=0 rho12=0.398)
Bas66
Second Half
First Half
0
5
10
15

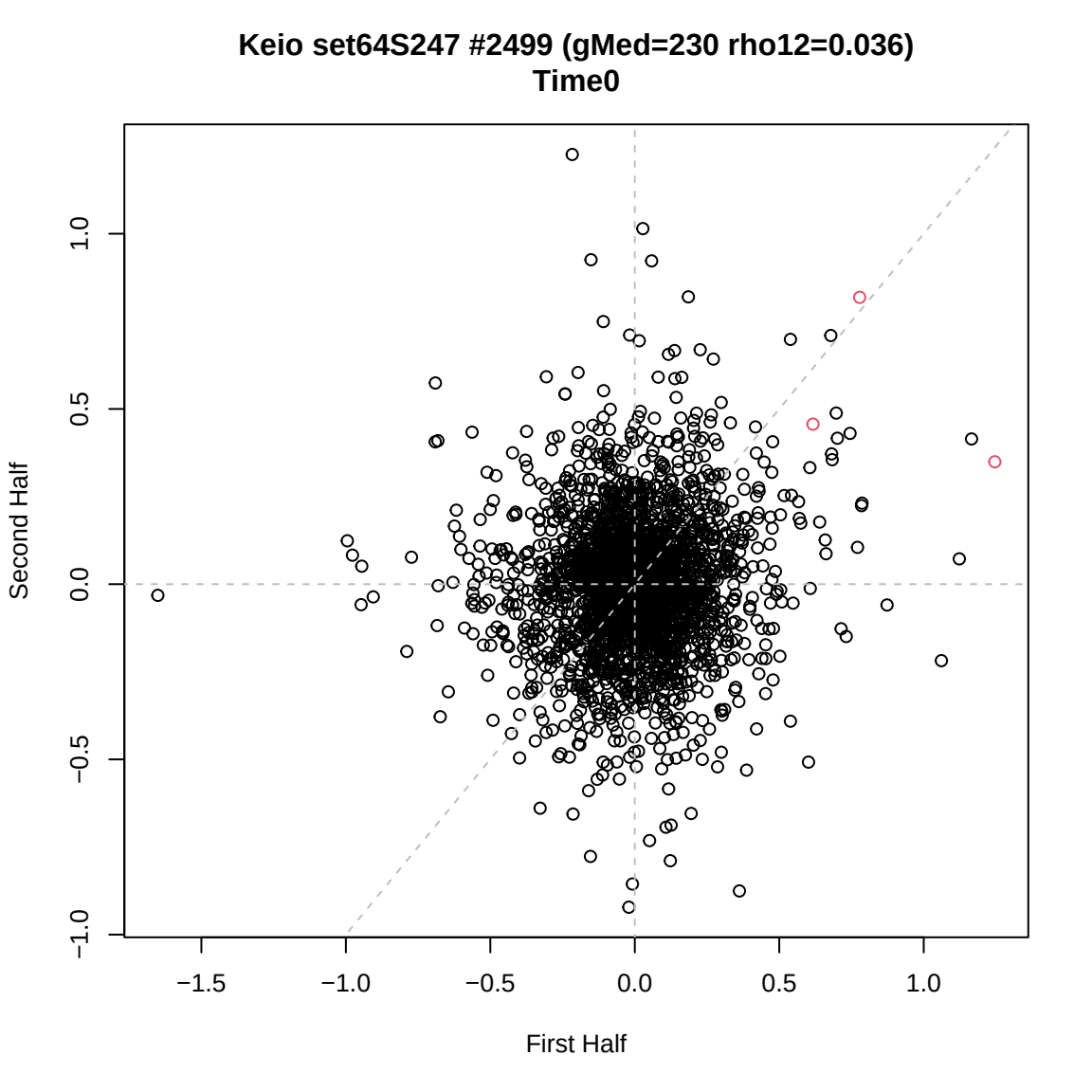

Keio set64S242 #2494 (gMed=0 rho12=0.455)
Bas66
Second Half
First Half
0
5
10
15
0
5
10
15

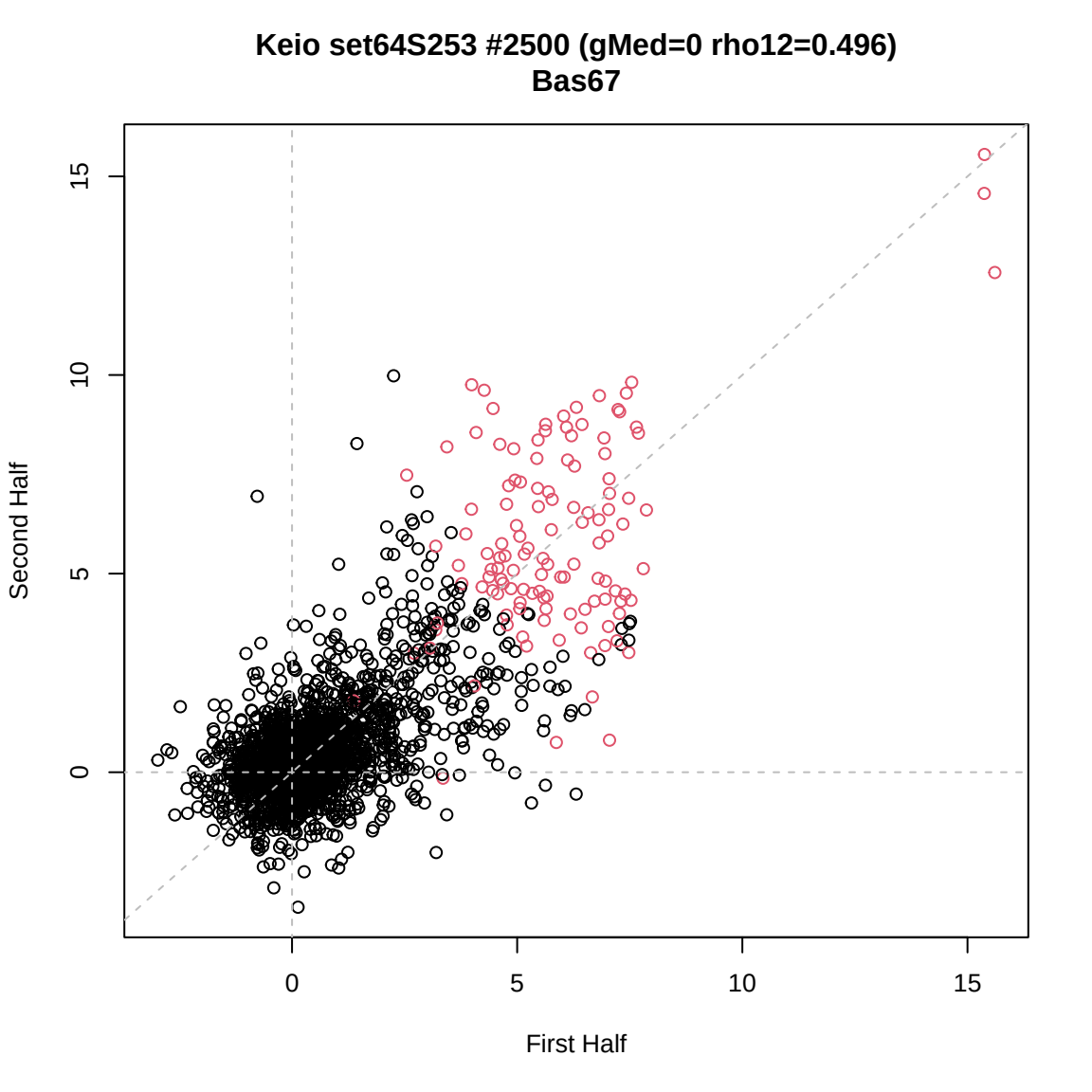

Keio set64S243 #2495 (gMed=0 rho12=0.478)
EV232
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10
12

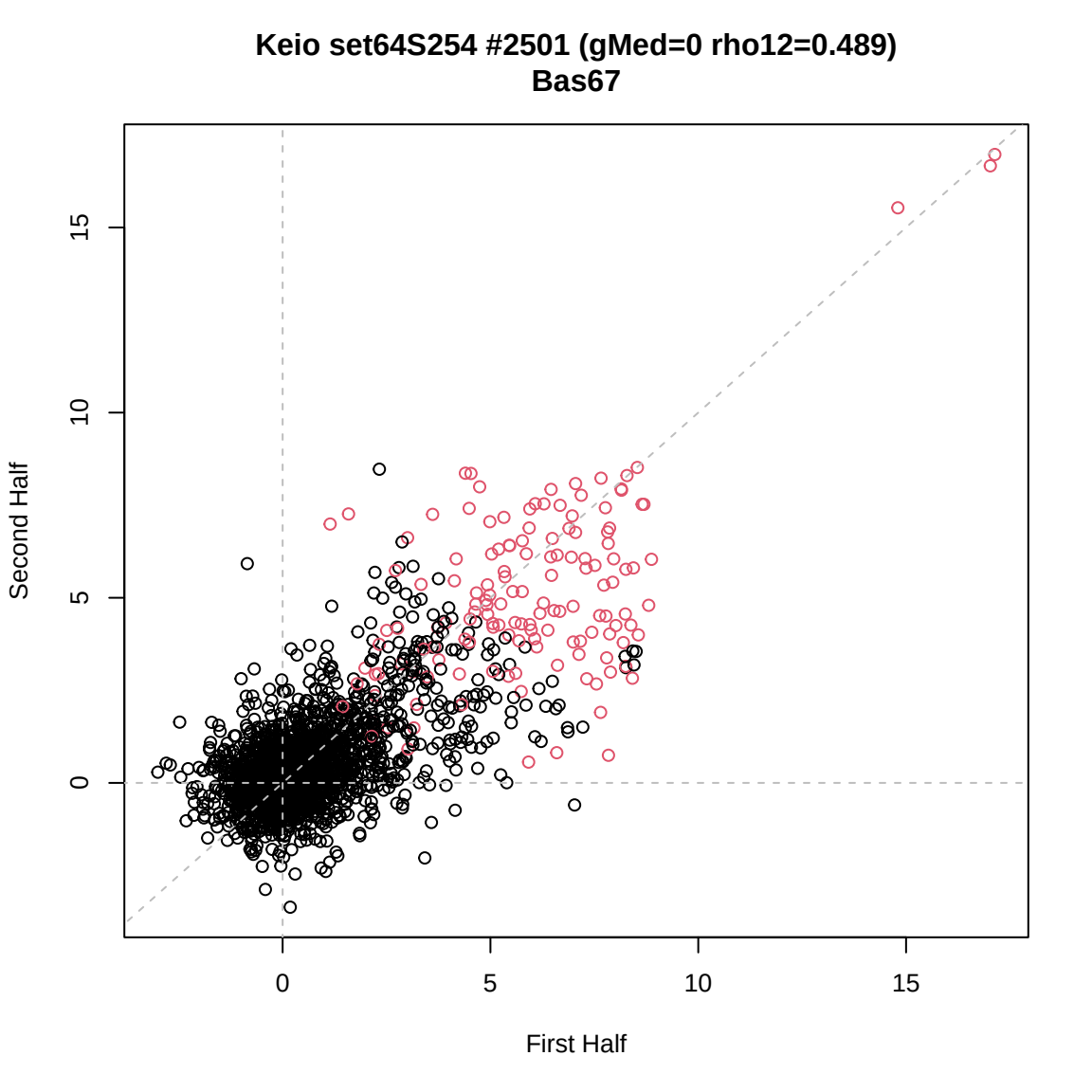

Keio set64S244 #2496 (gMed=0 rho12=0.440)
EV232
Second Half
First Half
0
5
10
0
5
10

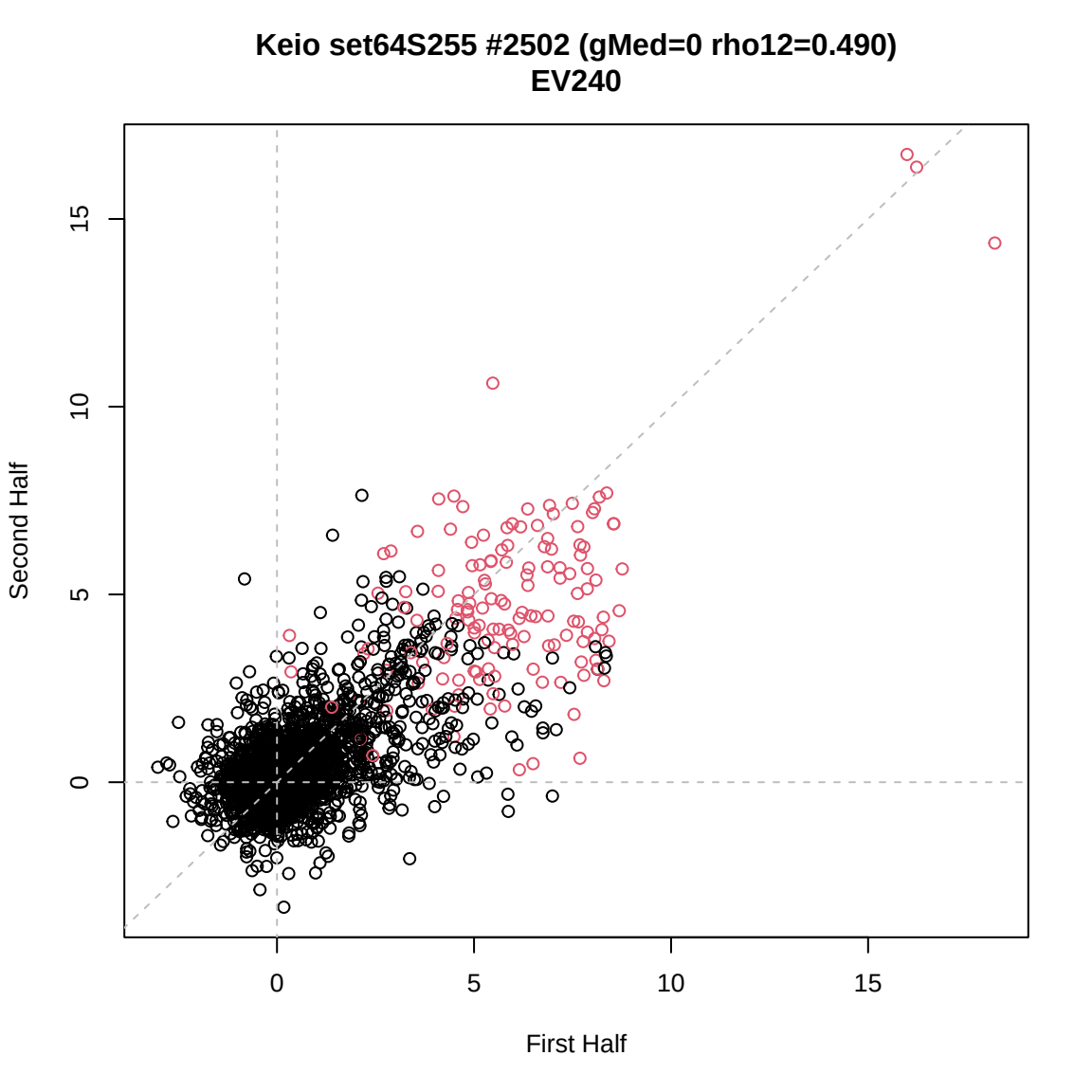

Keio set64S245 #2497 (gMed=0 rho12=0.339)
K15
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

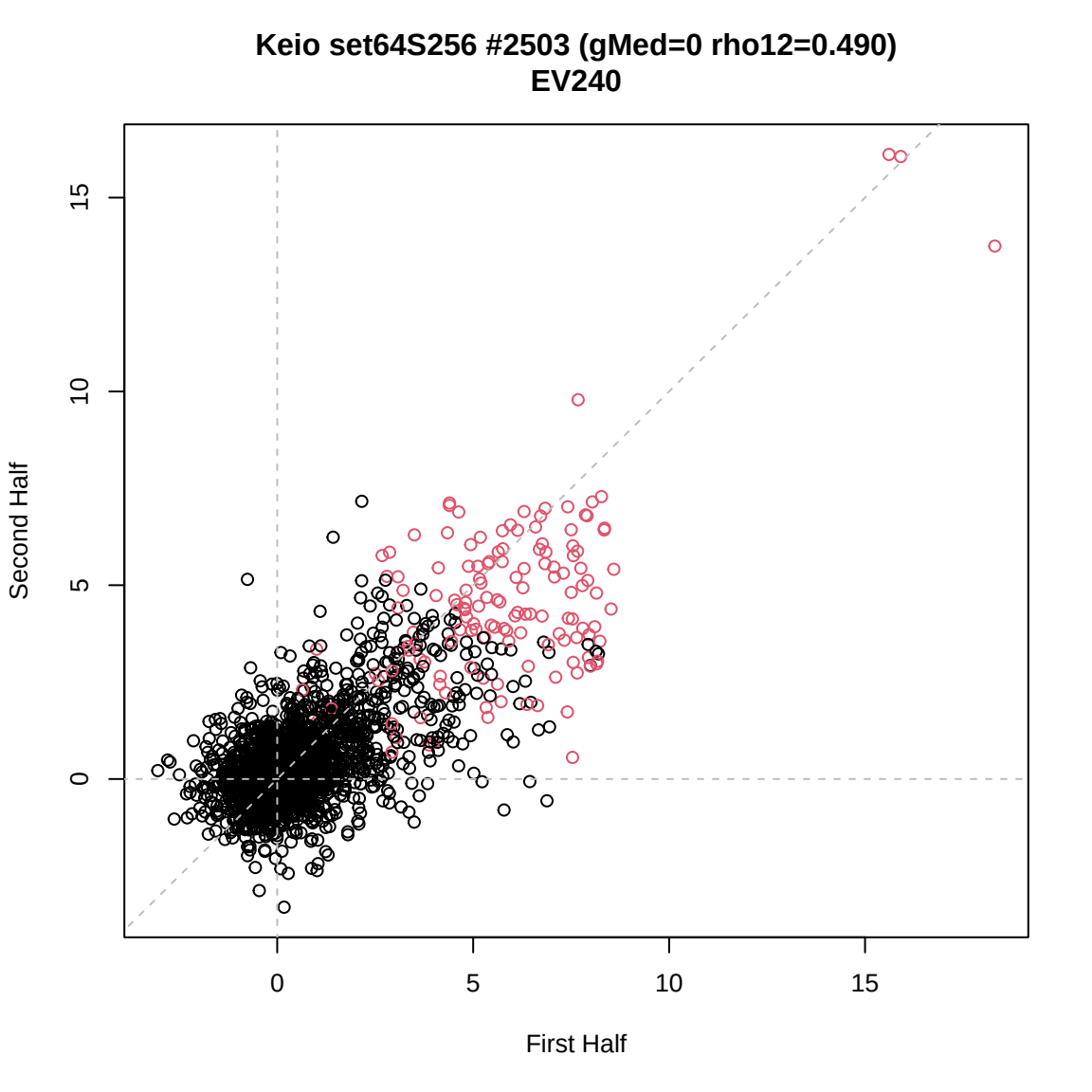

Keio set64S246 #2498 (gMed=0 rho12=0.357)
K15
Second Half
First Half
−2
0
2
4
6
8

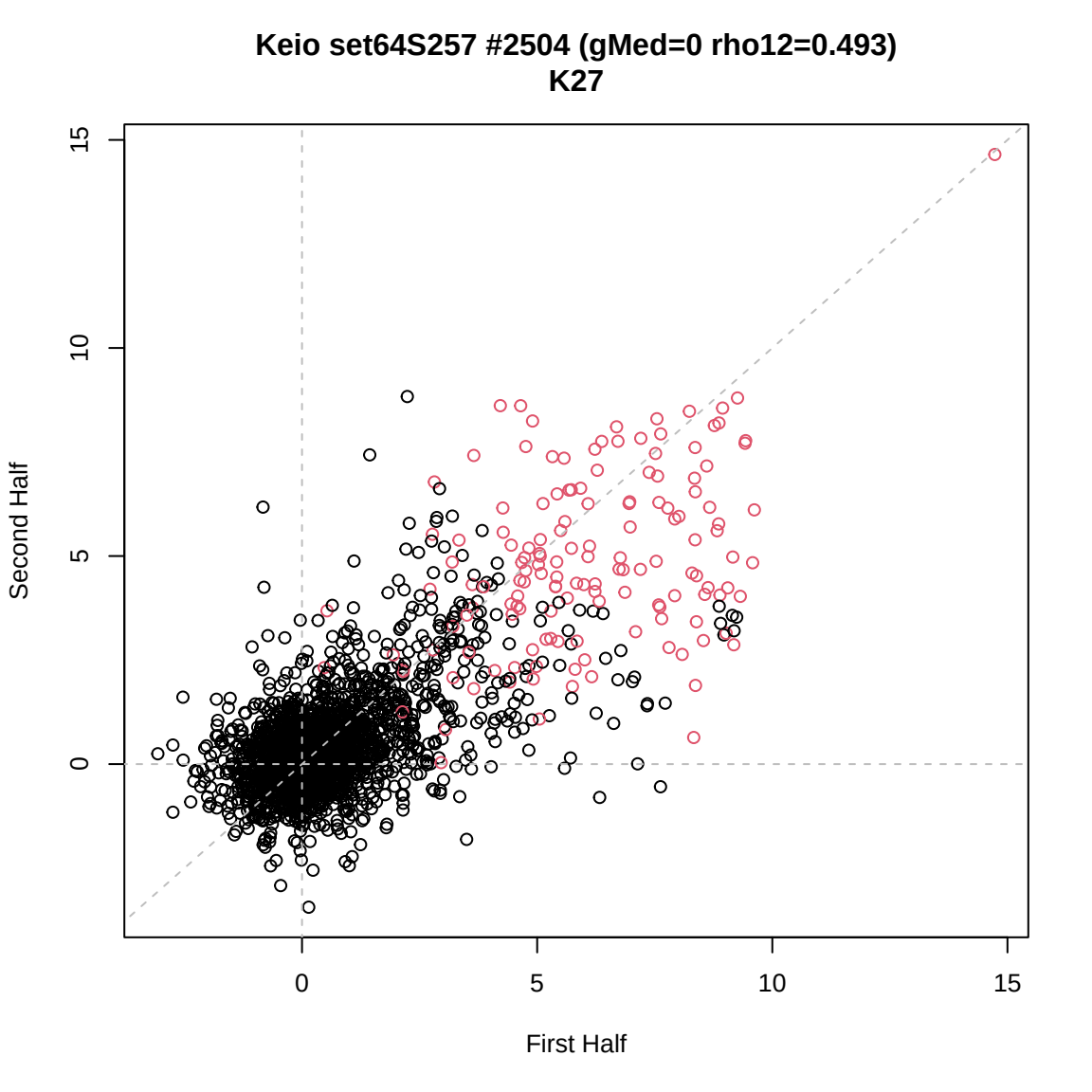

Keio set64S247 #2499 (gMed=230 rho12=0.036)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

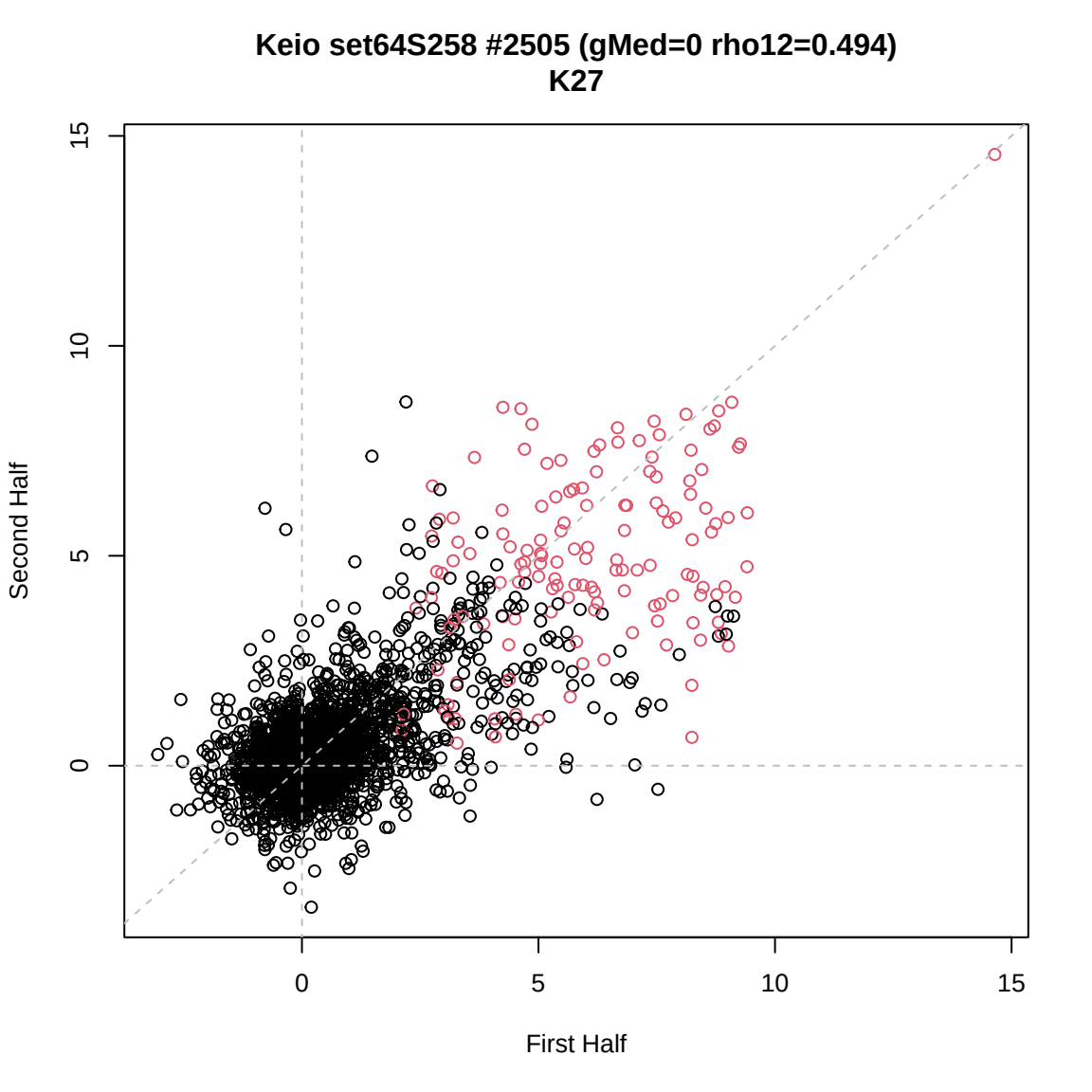

Keio set64S253 #2500 (gMed=0 rho12=0.496)
Bas67
Second Half
First Half
0
5
10
15

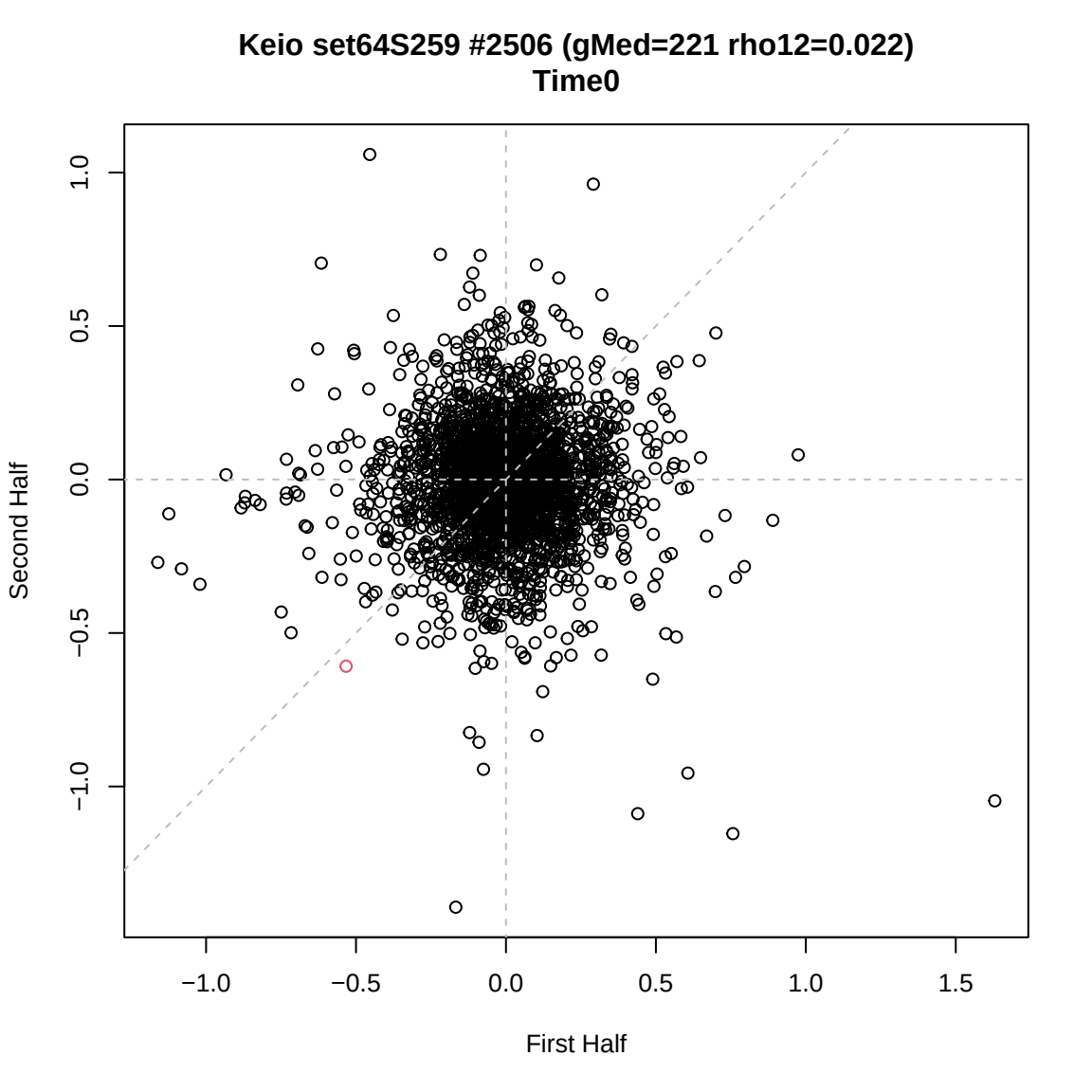

Keio set64S254 #2501 (gMed=0 rho12=0.489)
Bas67
Second Half
First Half
0
5
10
15
0
5
10
15

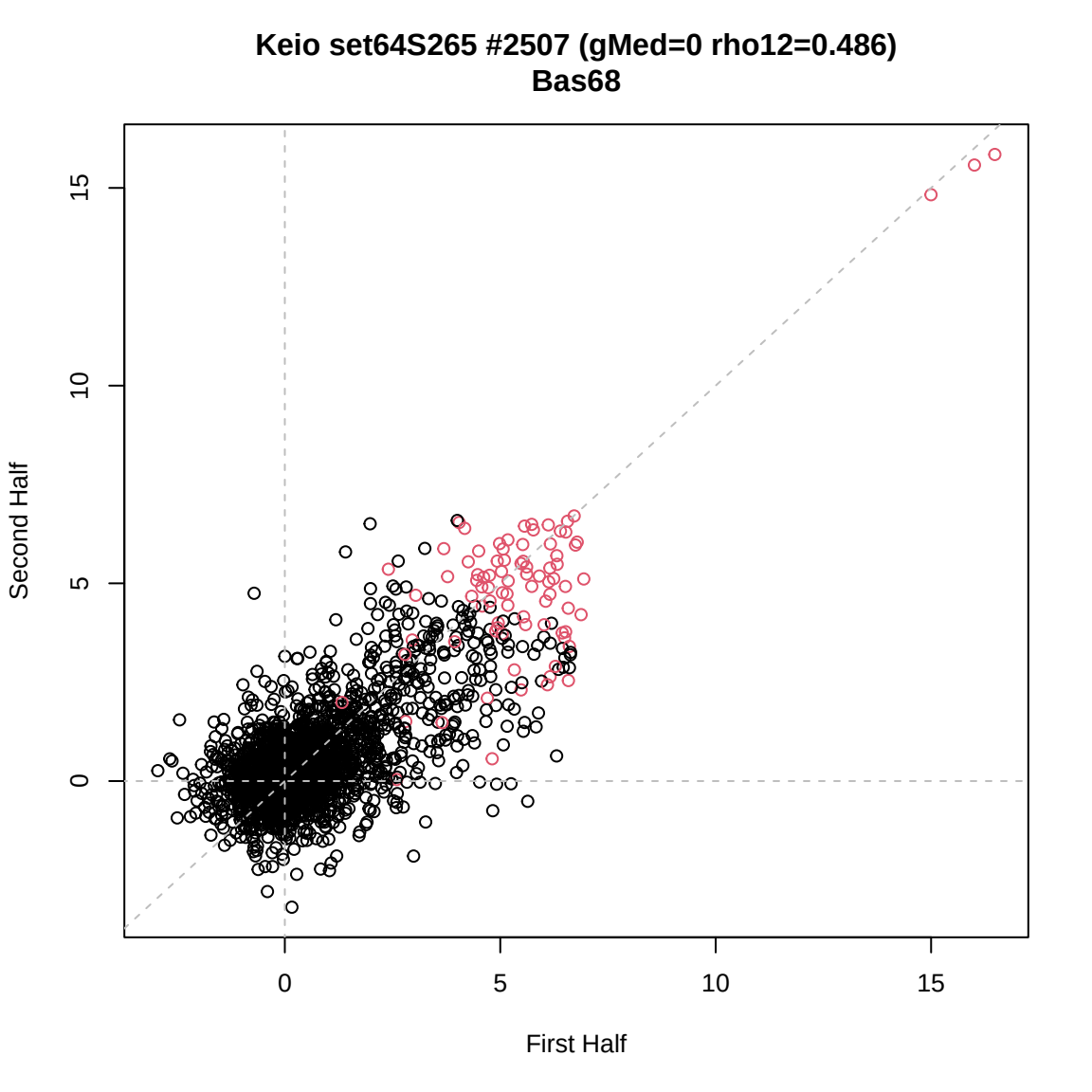

Keio set64S255 #2502 (gMed=0 rho12=0.490)
EV240
Second Half
First Half
0
5
10
15

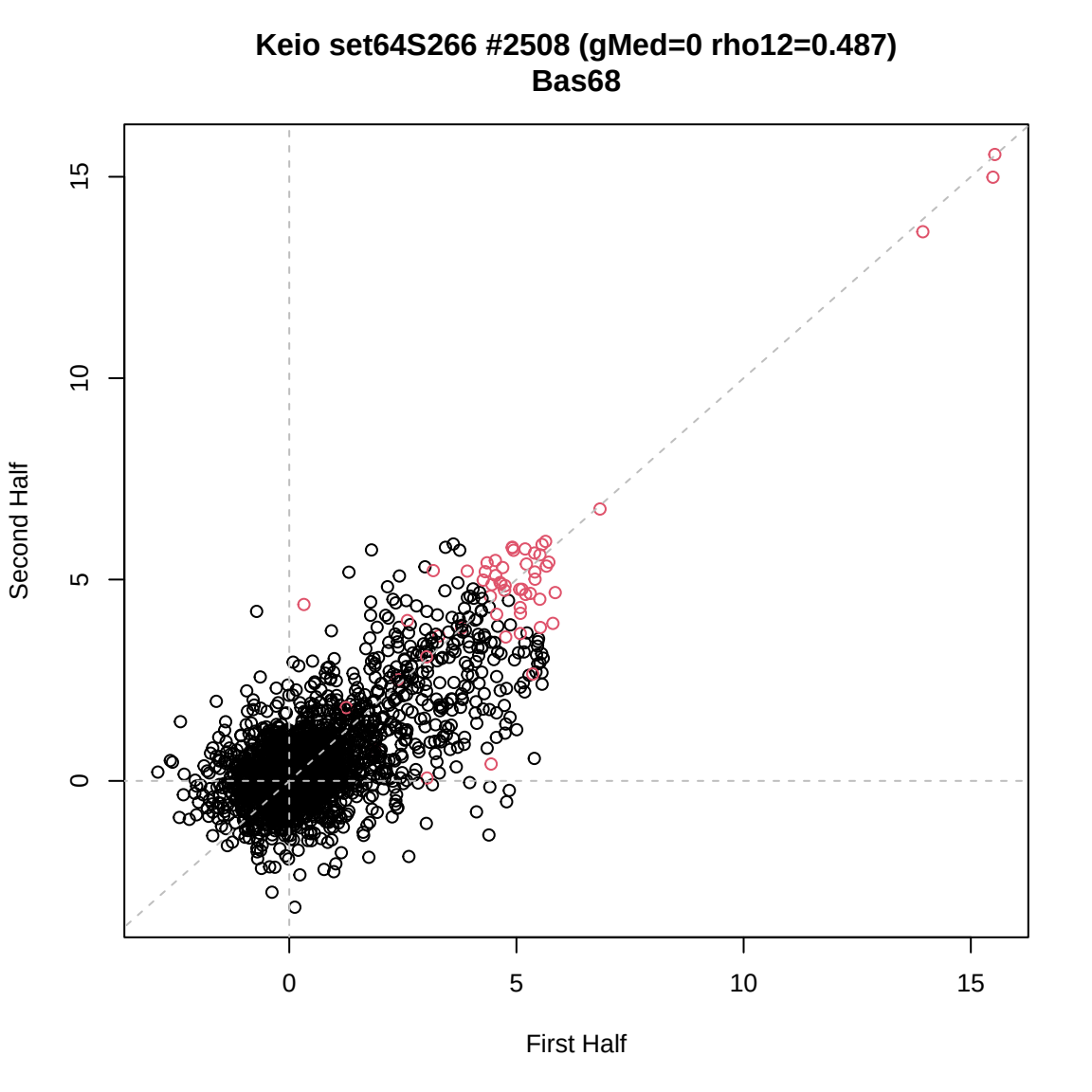

Keio set64S256 #2503 (gMed=0 rho12=0.490)
EV240
Second Half
First Half
0
5
10
15

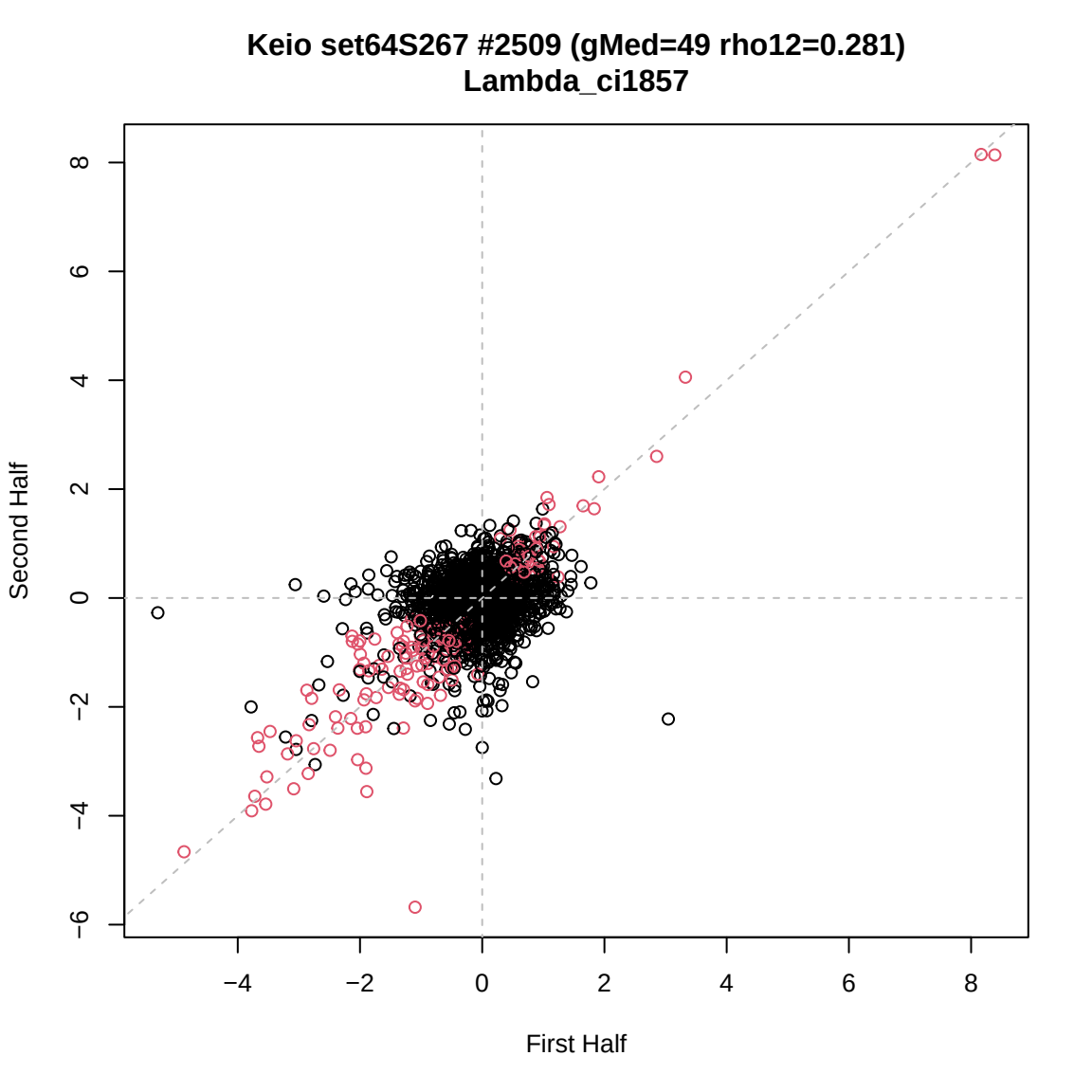

Keio set64S257 #2504 (gMed=0 rho12=0.493)
K27
Second Half
First Half
0
5
10
15

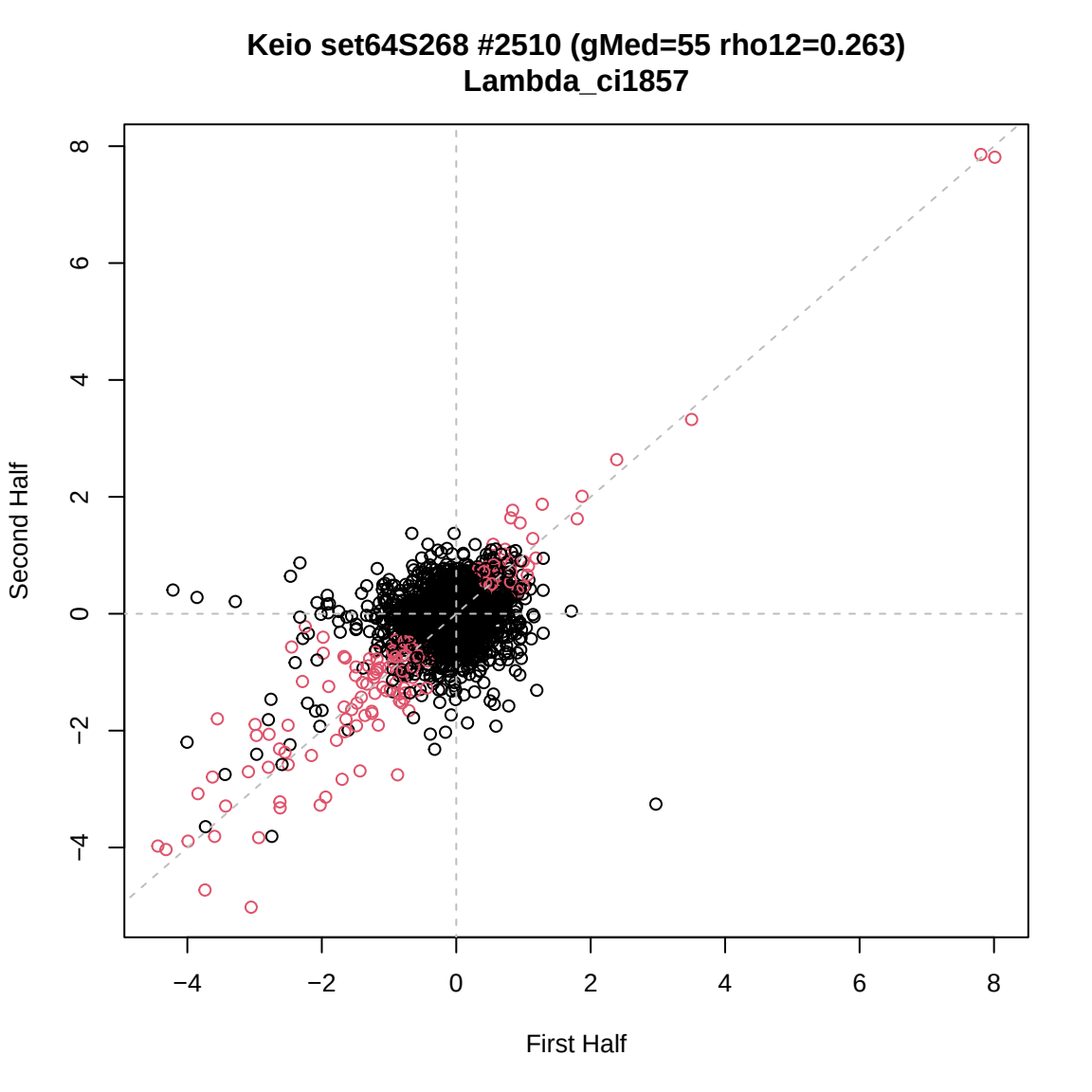

Keio set64S258 #2505 (gMed=0 rho12=0.494)
K27
Second Half
First Half
0
5
10
15

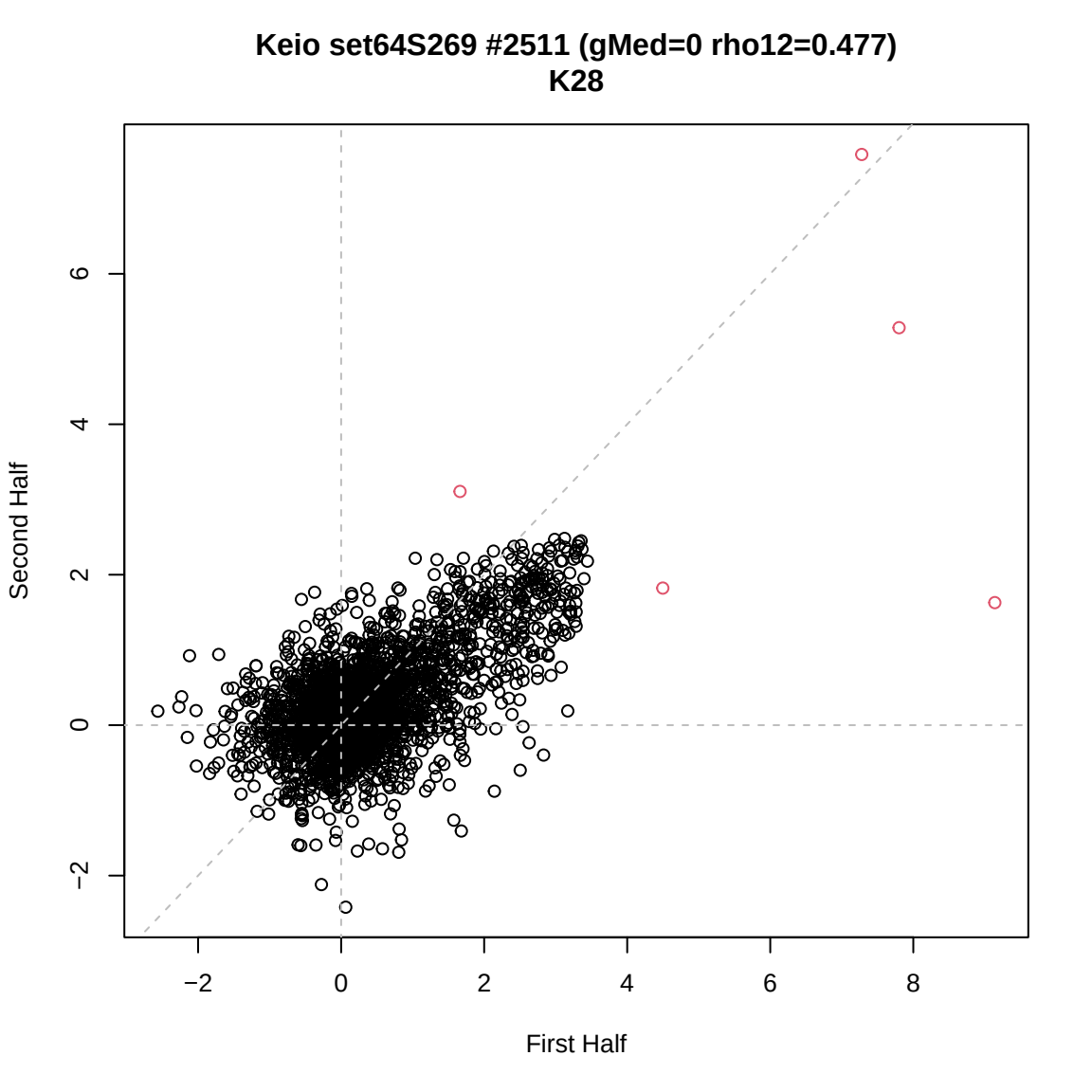

Keio set64S259 #2506 (gMed=221 rho12=0.022)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

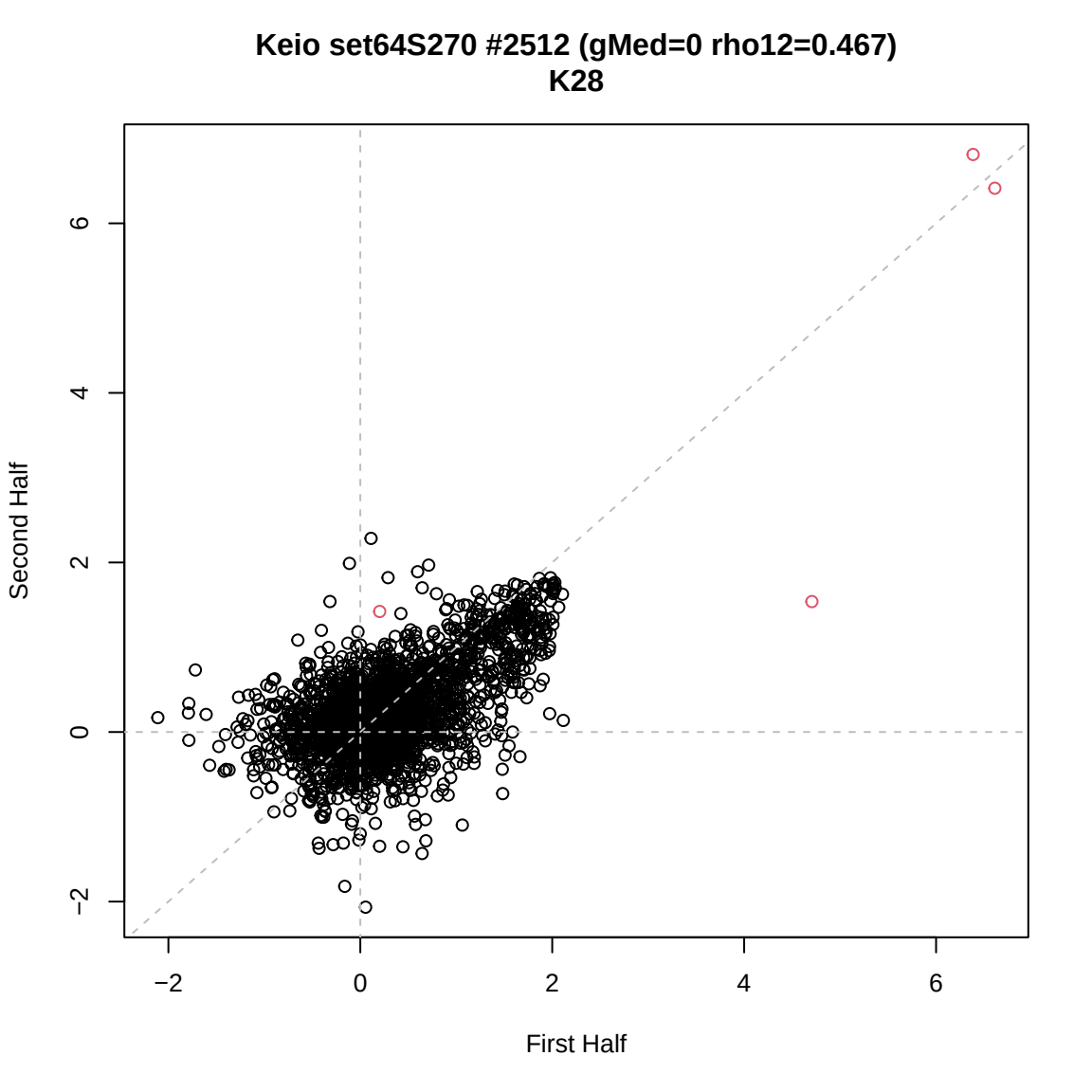

Keio set64S265 #2507 (gMed=0 rho12=0.486)
Bas68
Second Half
First Half
0
5
10
15
0
5
10
15

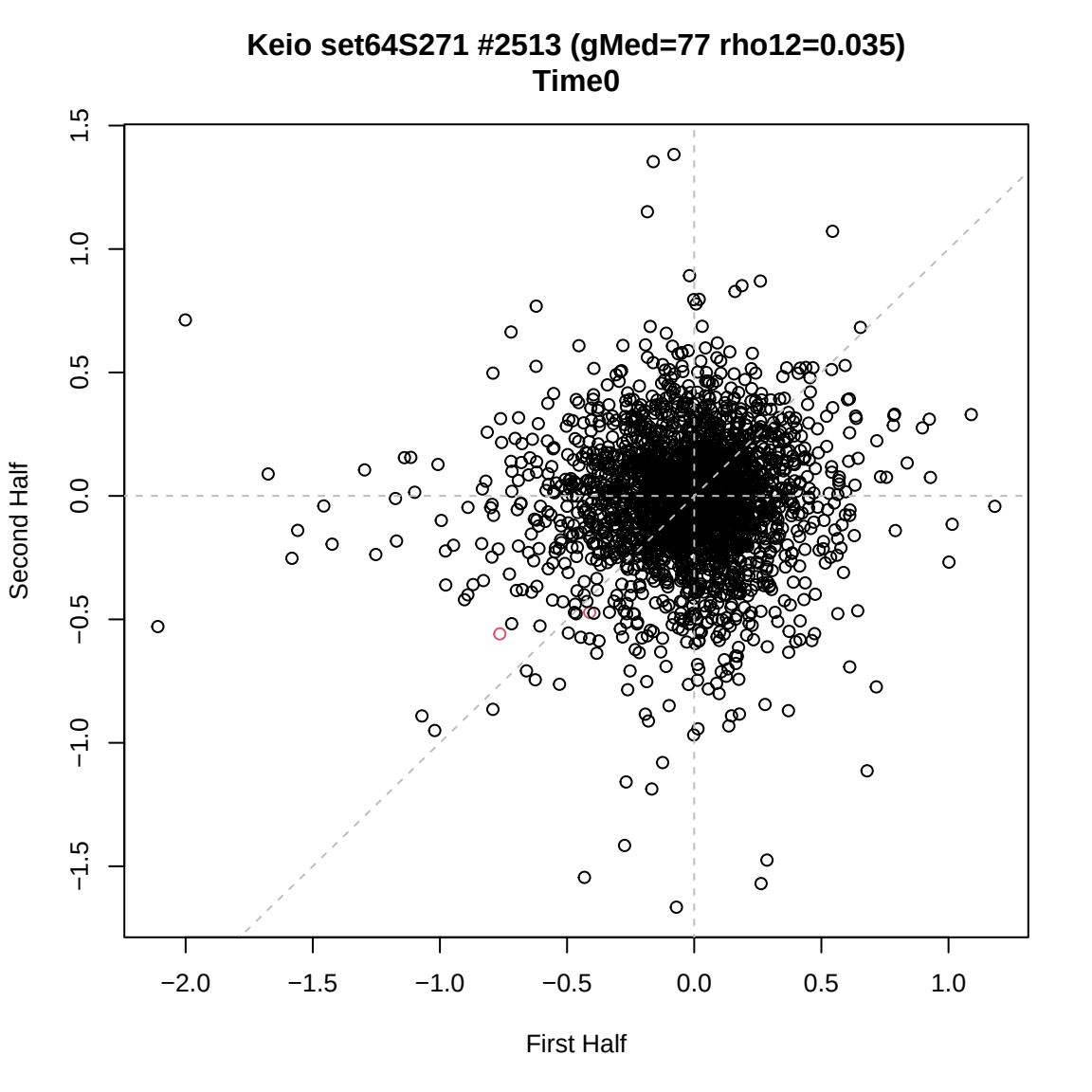

Keio set64S266 #2508 (gMed=0 rho12=0.487)
Bas68
Second Half
First Half
0
5
10
15

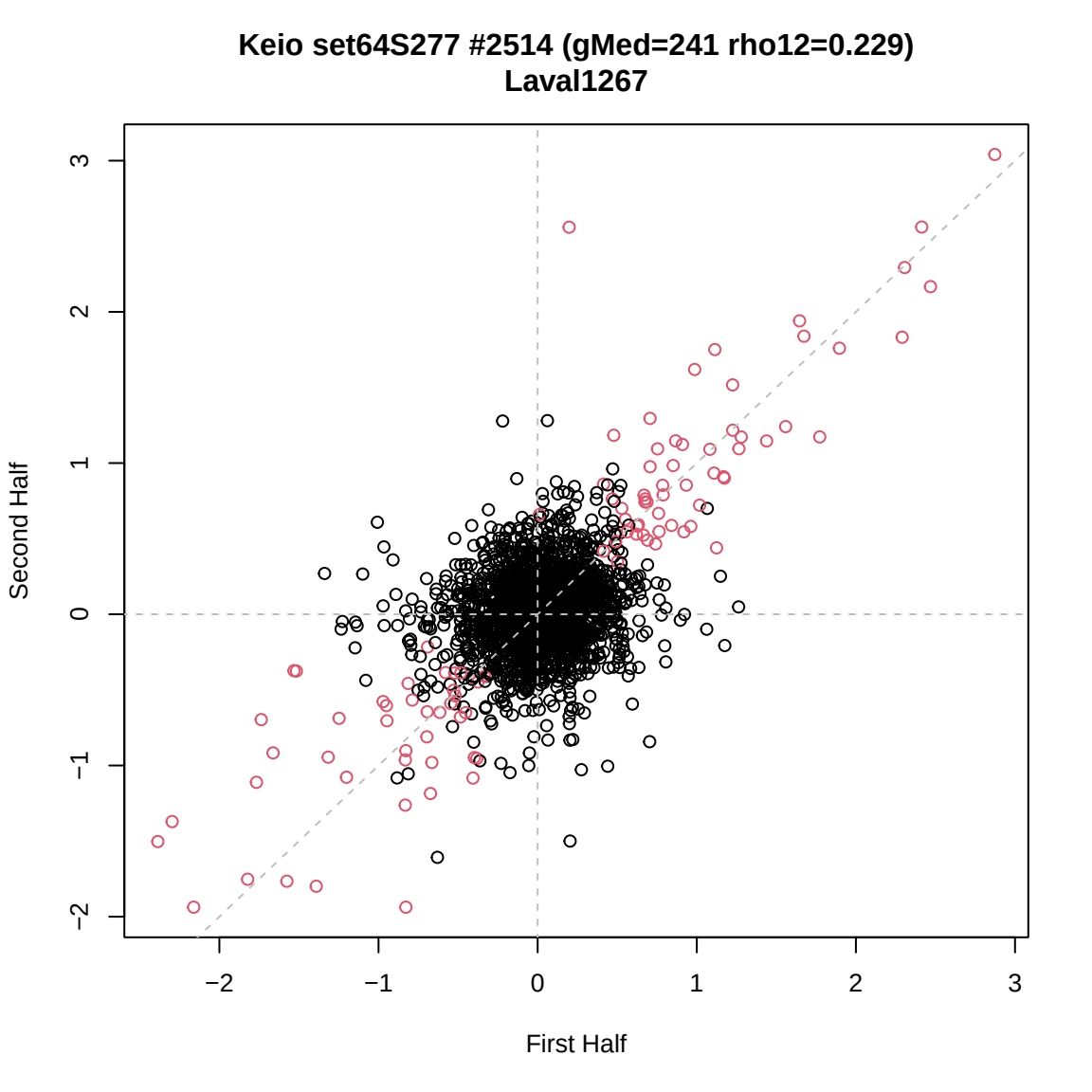

Keio set64S267 #2509 (gMed=49 rho12=0.281)
Lambda_ci1857
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6
8

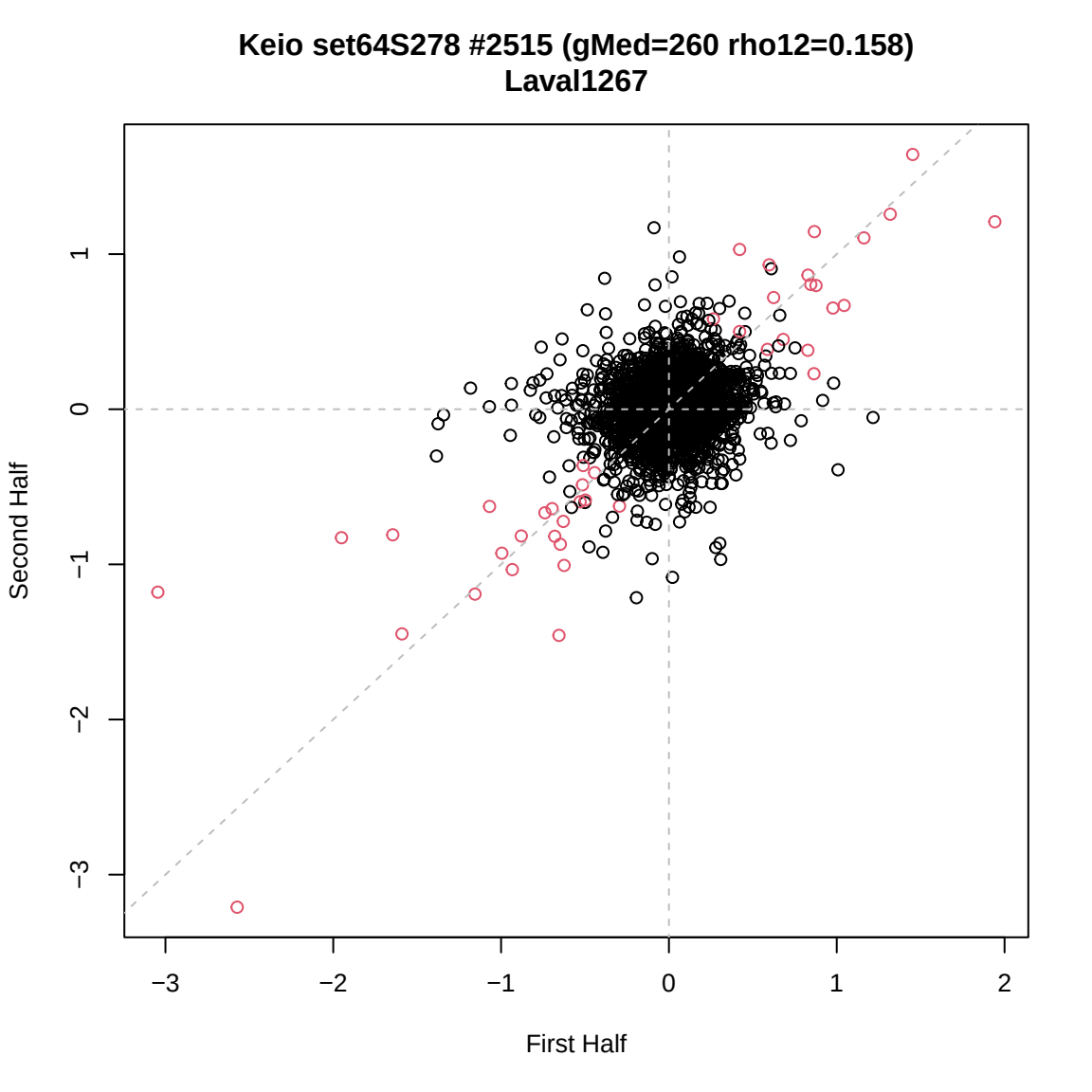

Keio set64S268 #2510 (gMed=55 rho12=0.263)
Lambda_ci1857
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

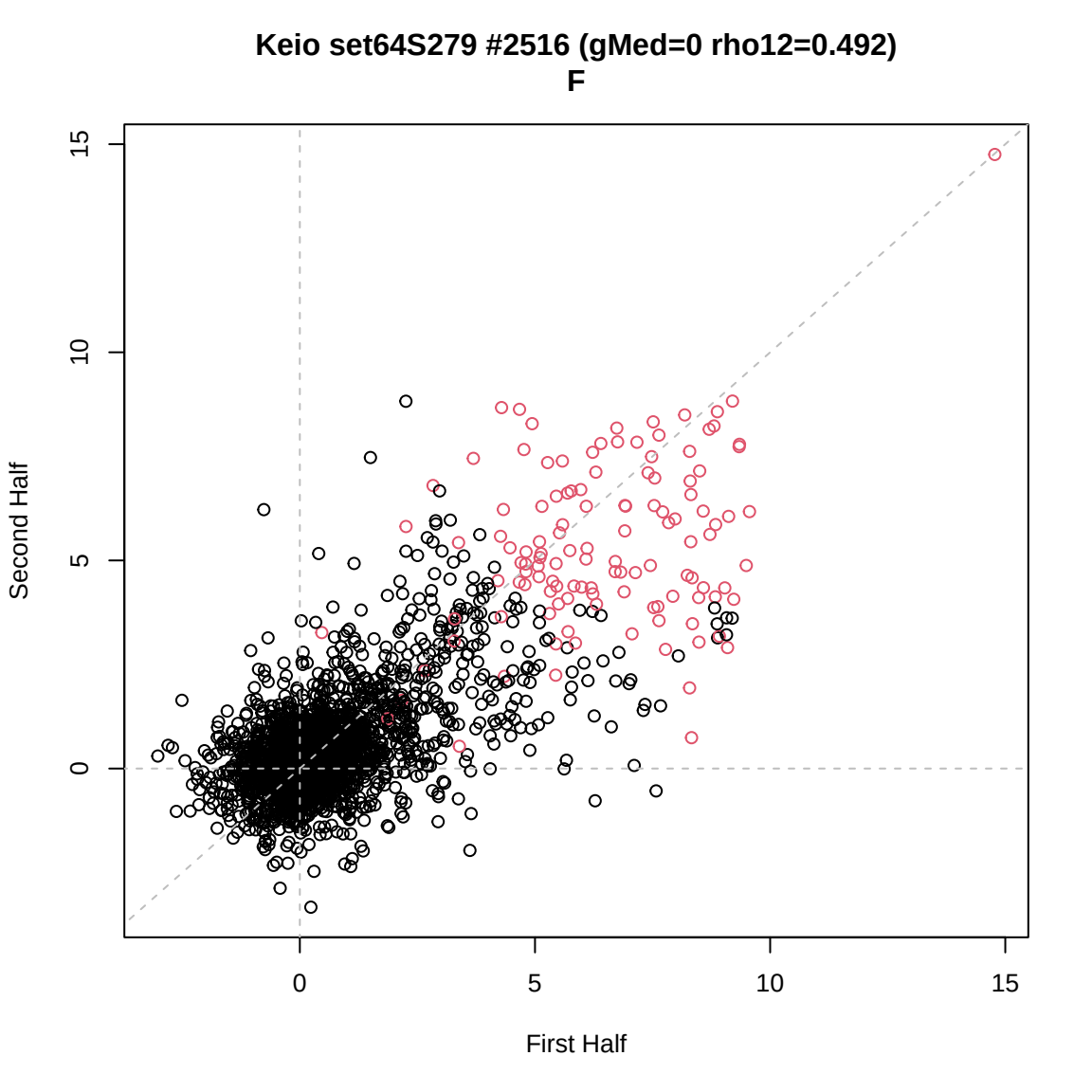

Keio set64S269 #2511 (gMed=0 rho12=0.477)
K28
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

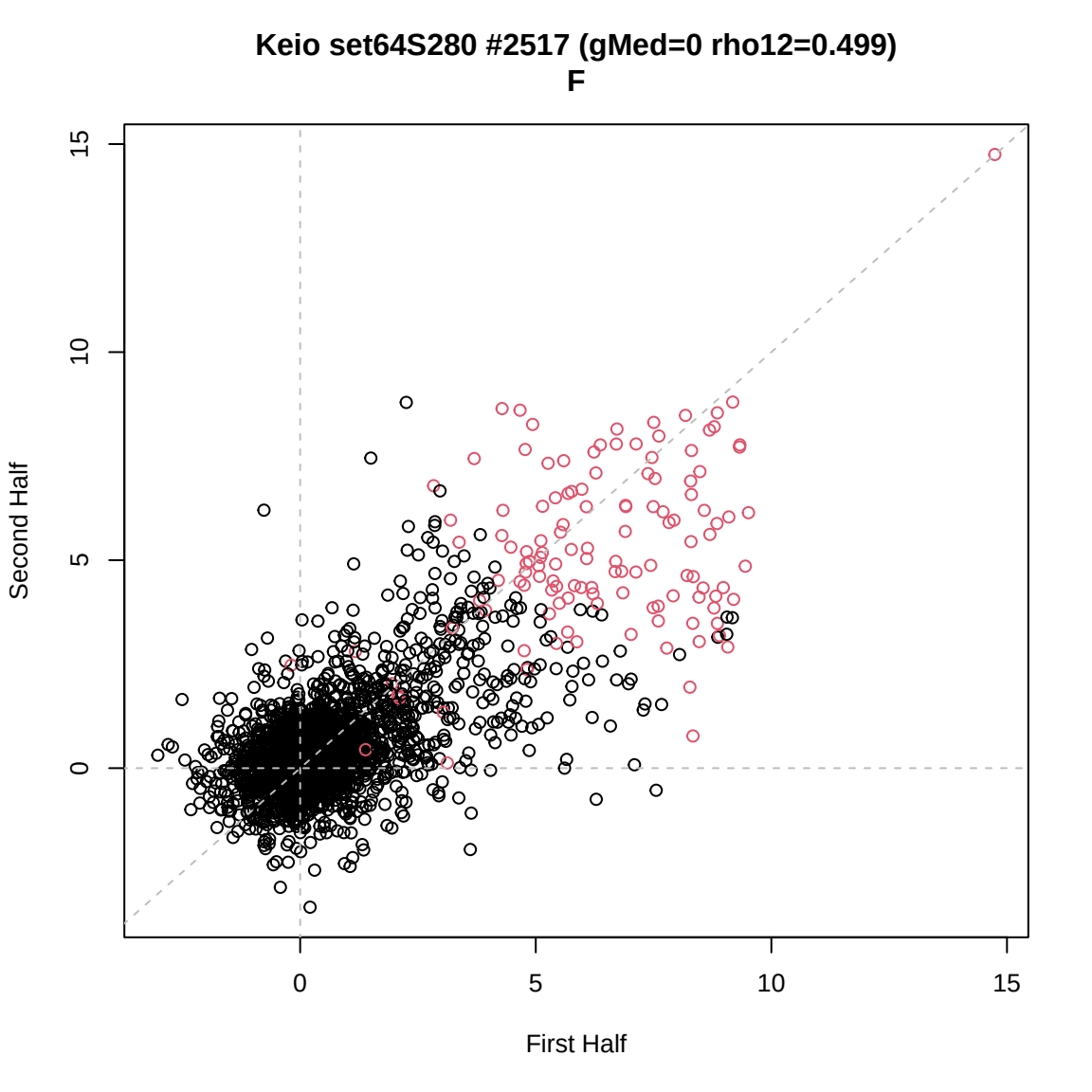

Keio set64S270 #2512 (gMed=0 rho12=0.467)
K28
Second Half
First Half
−2
0
2
4
6
−2
0
2
4
6

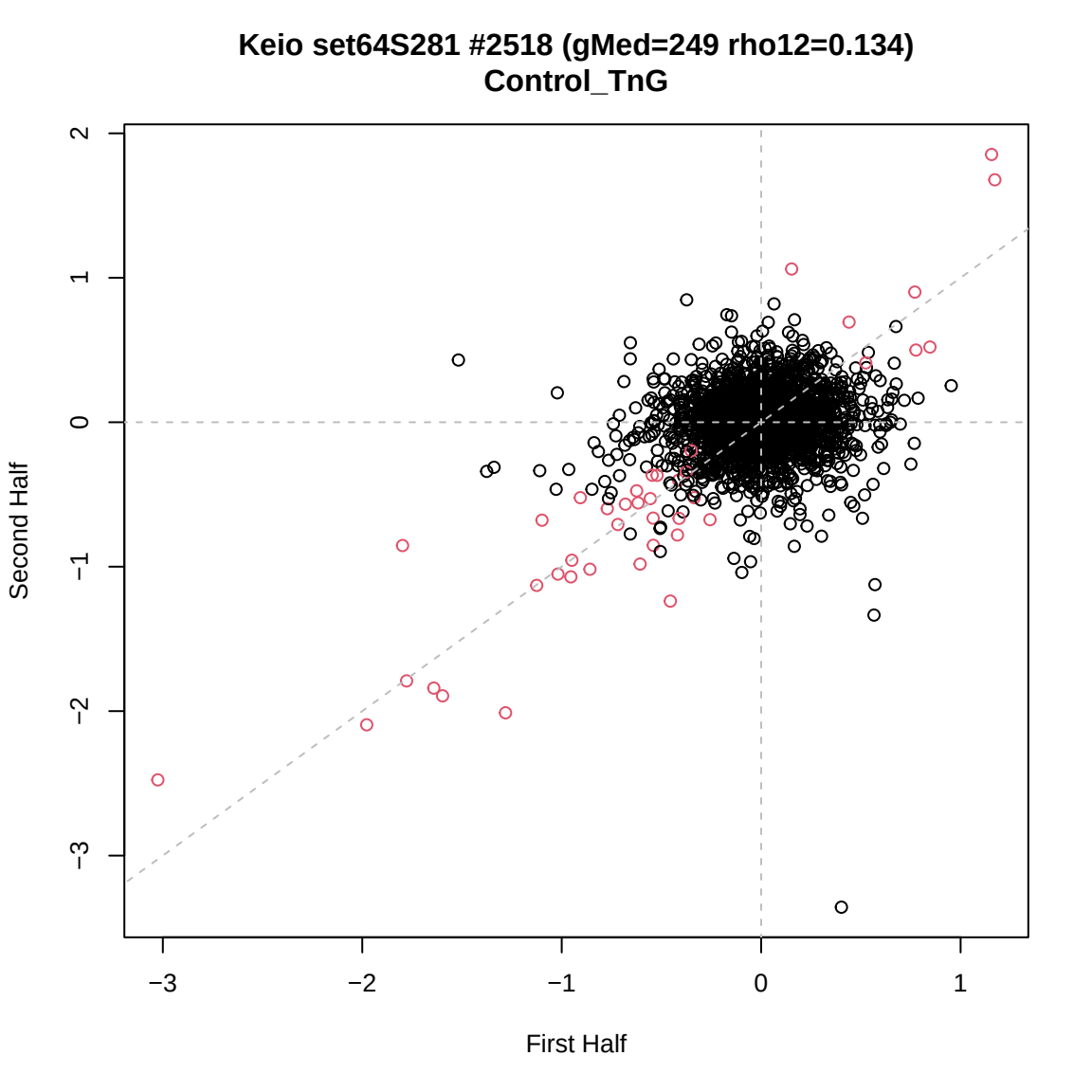

Keio set64S271 #2513 (gMed=77 rho12=0.035)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

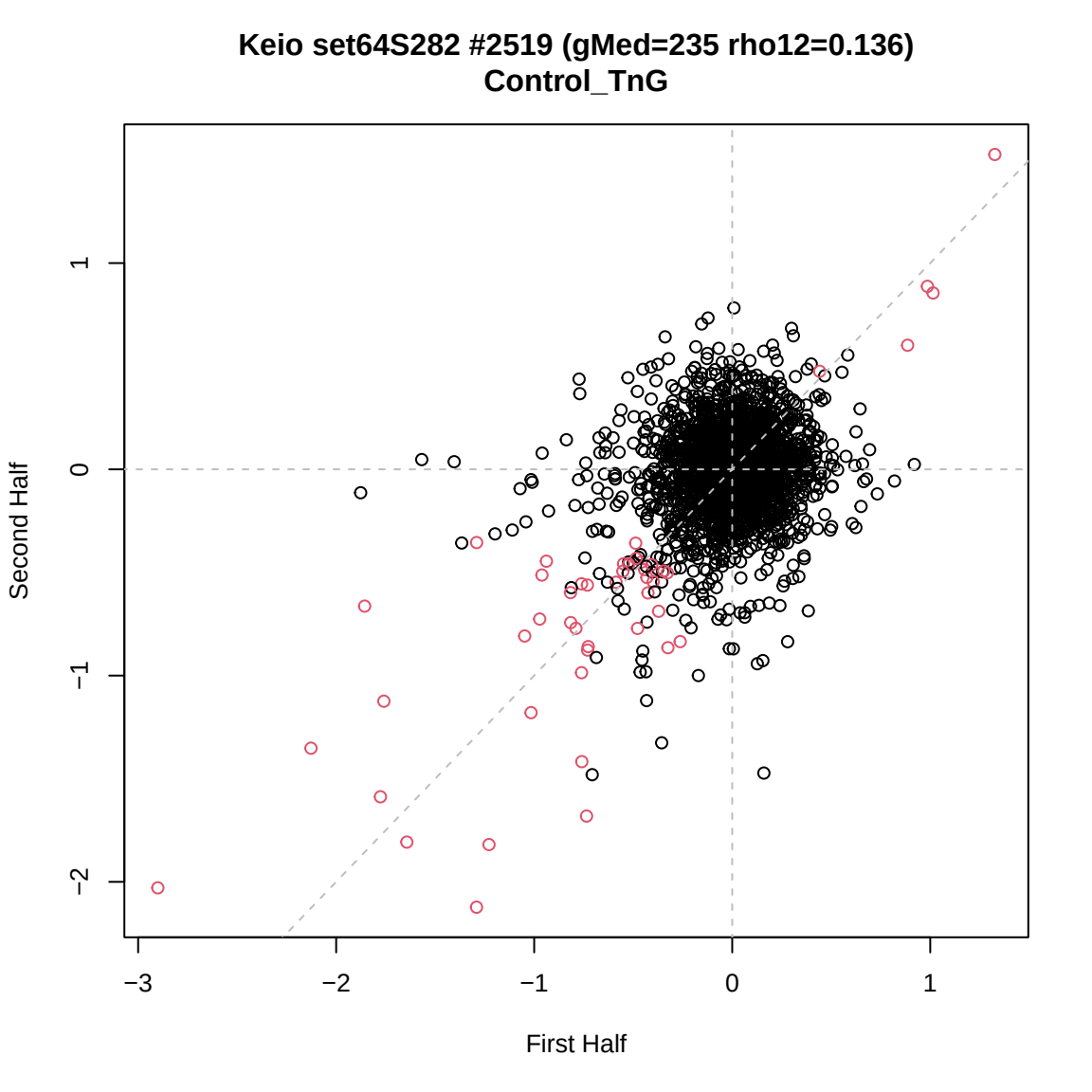

Keio set64S277 #2514 (gMed=241 rho12=0.229)
Laval1267
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

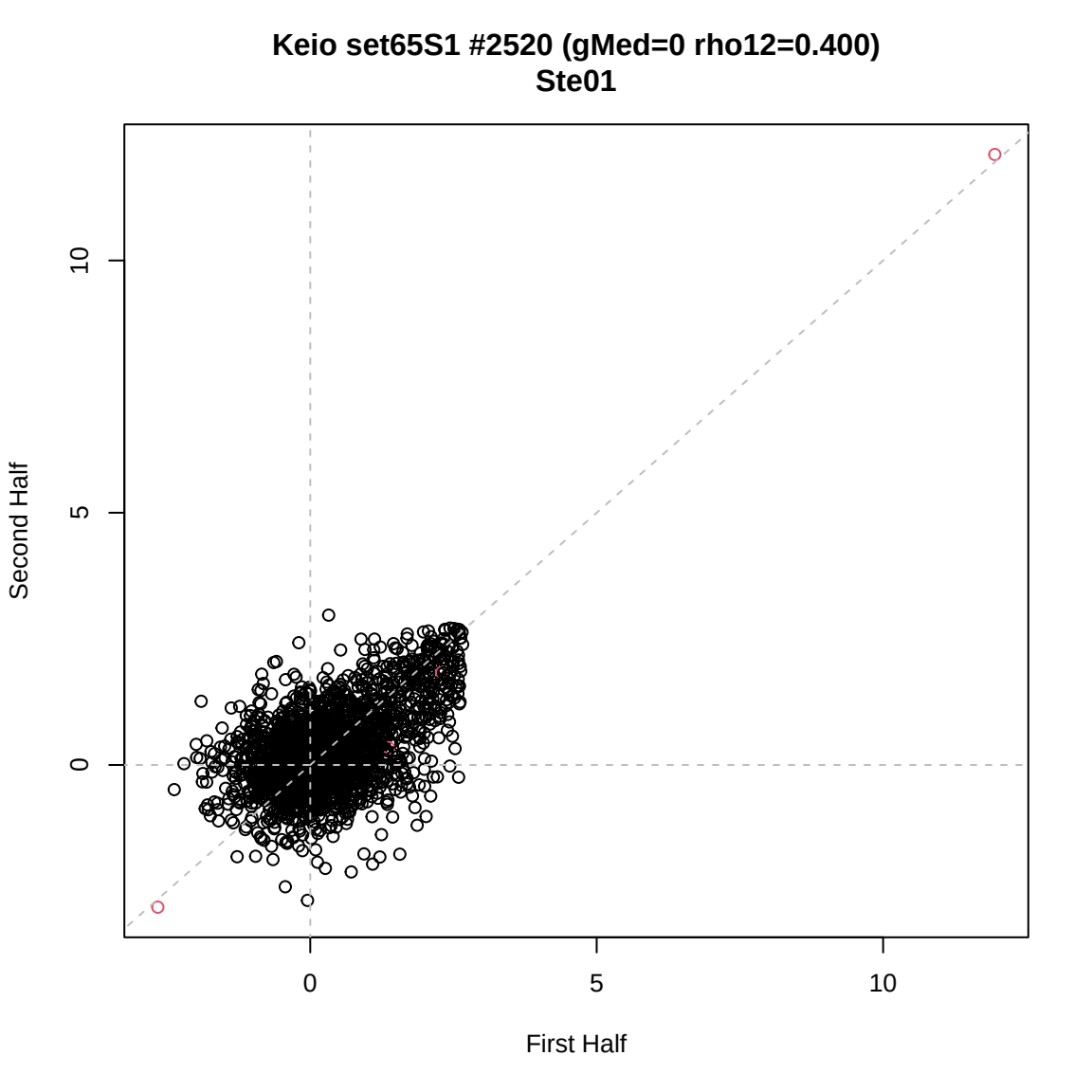

Keio set64S278 #2515 (gMed=260 rho12=0.158)
Laval1267
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

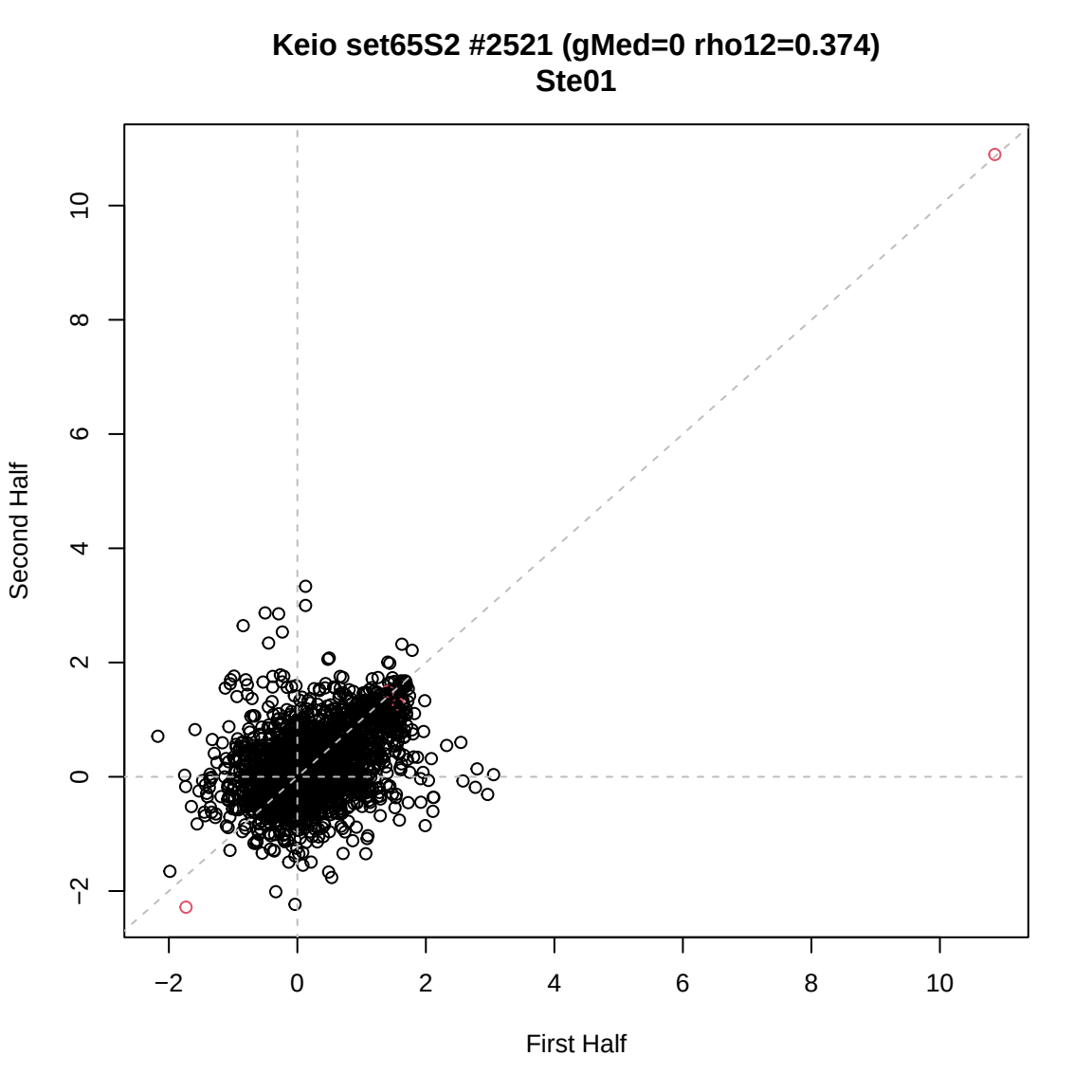

Keio set64S279 #2516 (gMed=0 rho12=0.492)
F
Second Half
First Half
15
10
5
0
0
5
10
15

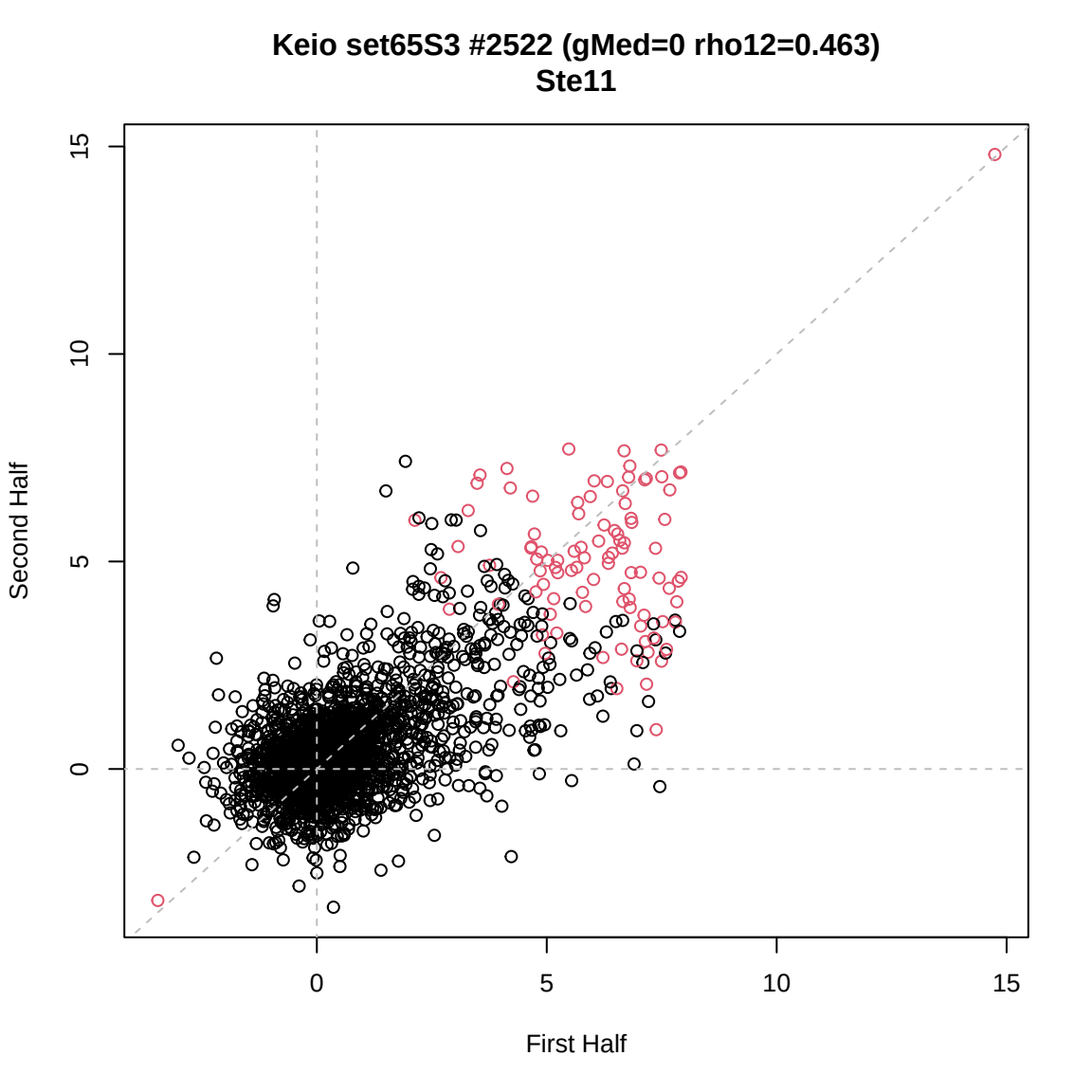

Keio set64S280 #2517 (gMed=0 rho12=0.499)
F
Second Half
First Half
15
10
5
0
0
5
10
15

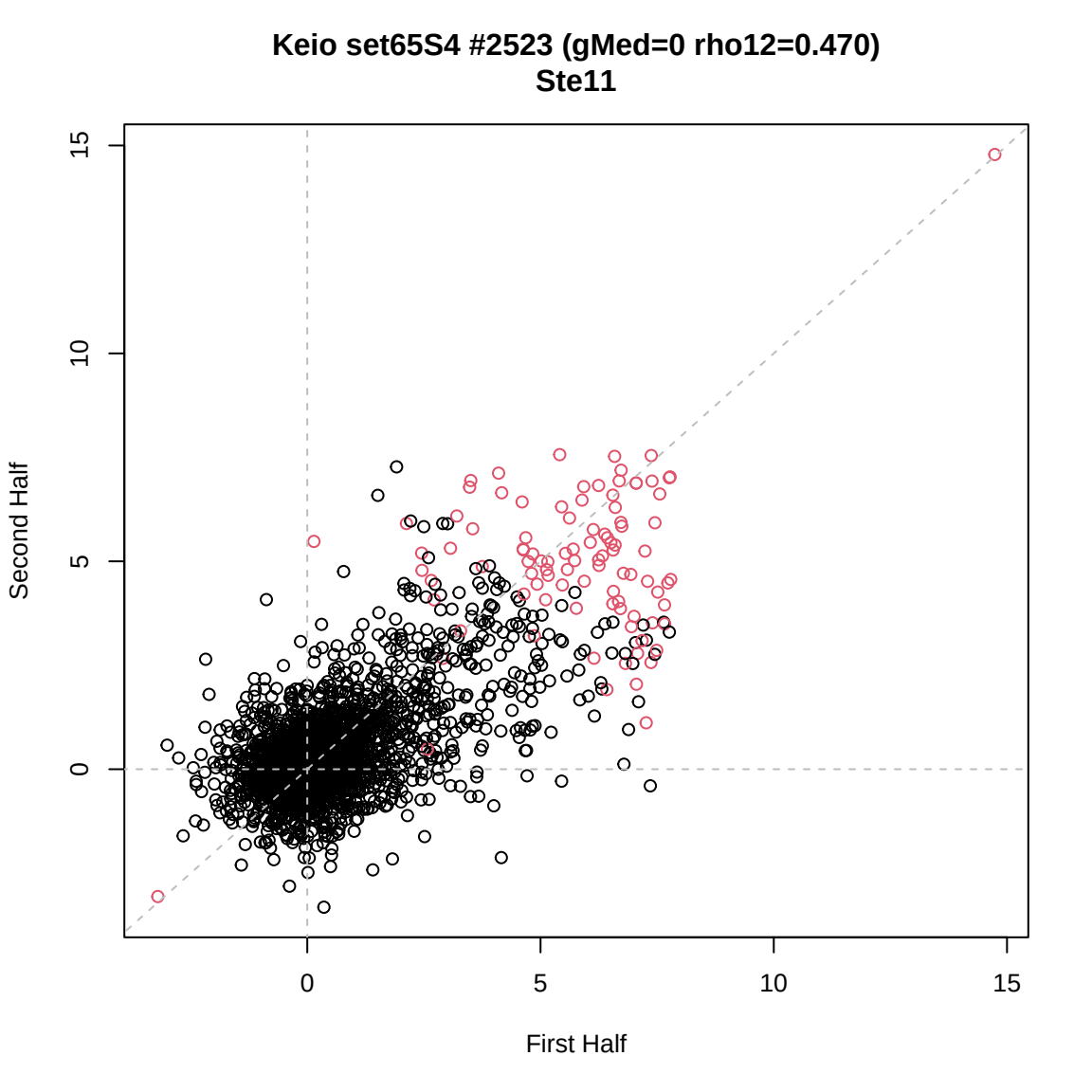

Keio set64S281 #2518 (gMed=249 rho12=0.134)
Control_TnG
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1

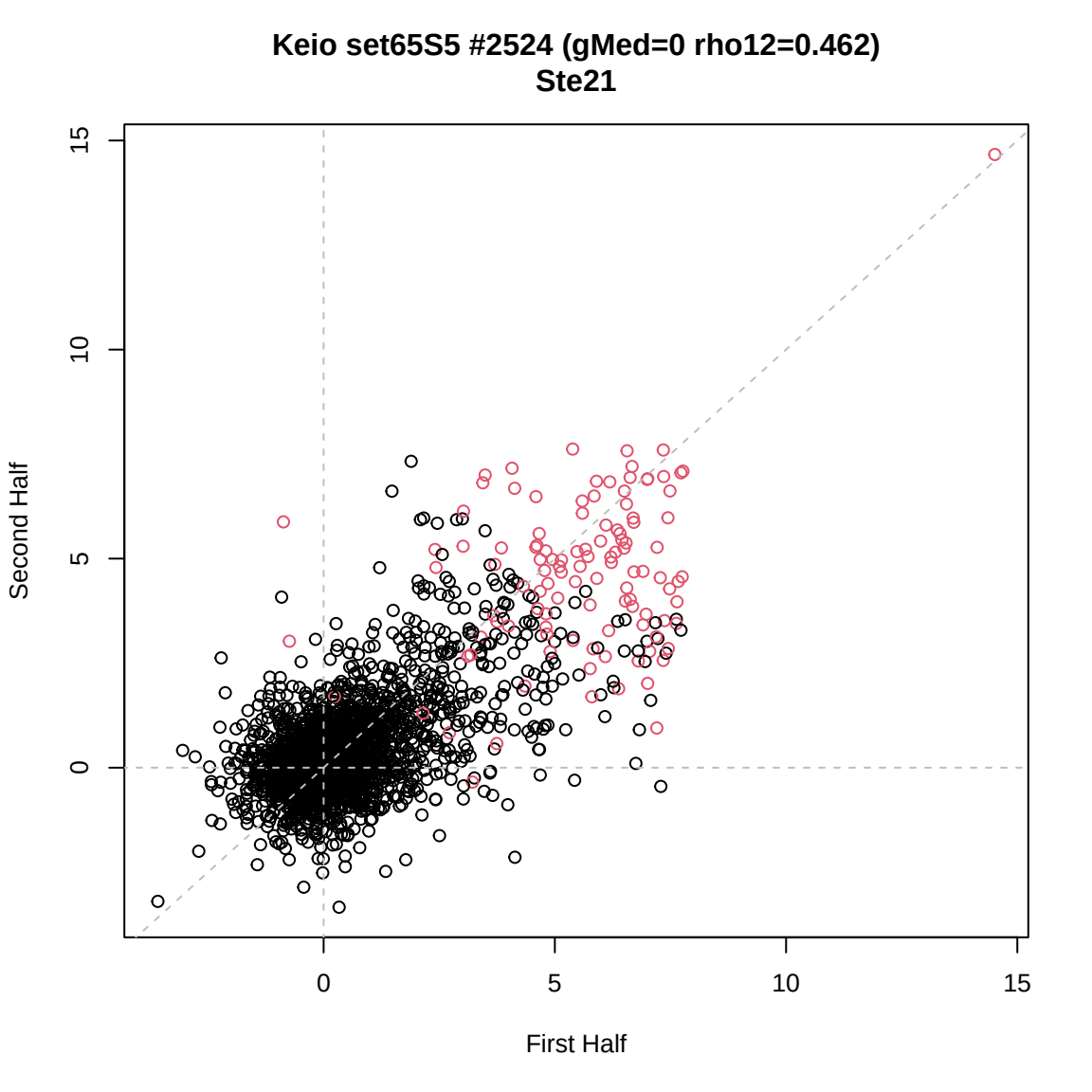

Keio set64S282 #2519 (gMed=235 rho12=0.136)
Control_TnG
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

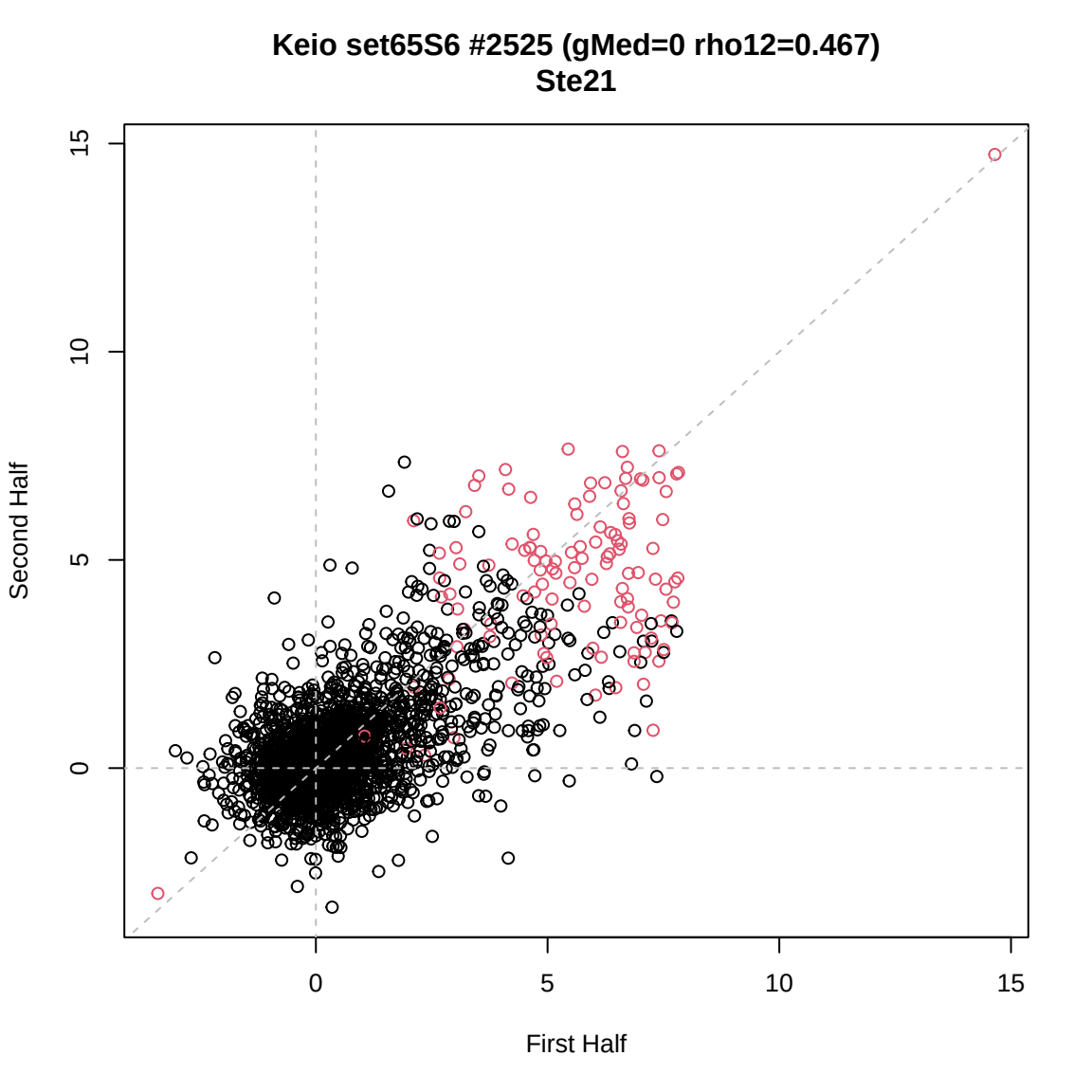

Keio set65S1 #2520 (gMed=0 rho12=0.400)
Ste01
Second Half
First Half
0
5
10
0
5
10

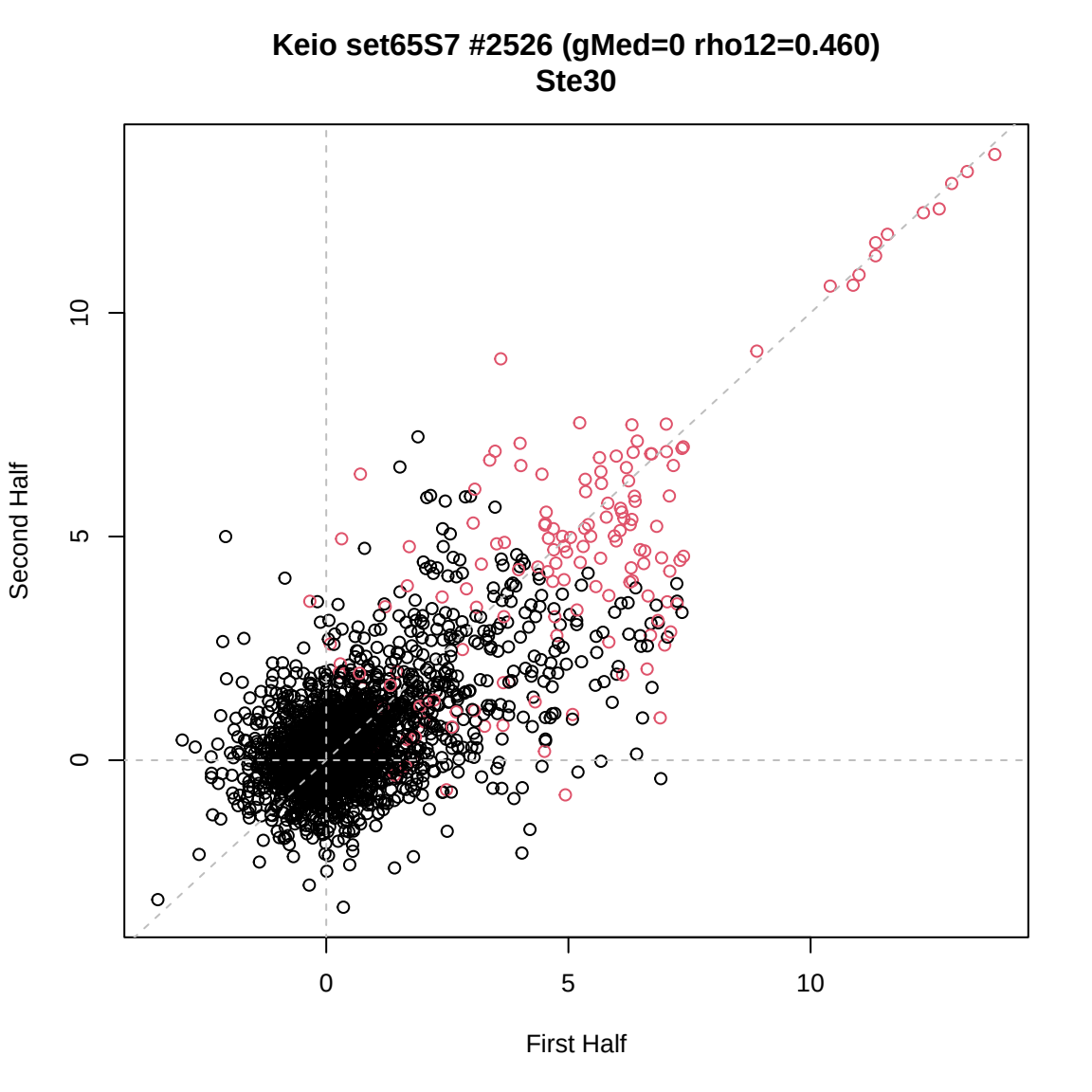

Keio set65S2 #2521 (gMed=0 rho12=0.374)
Ste01
Second Half
First Half
−2
0
2
4
6
8
10

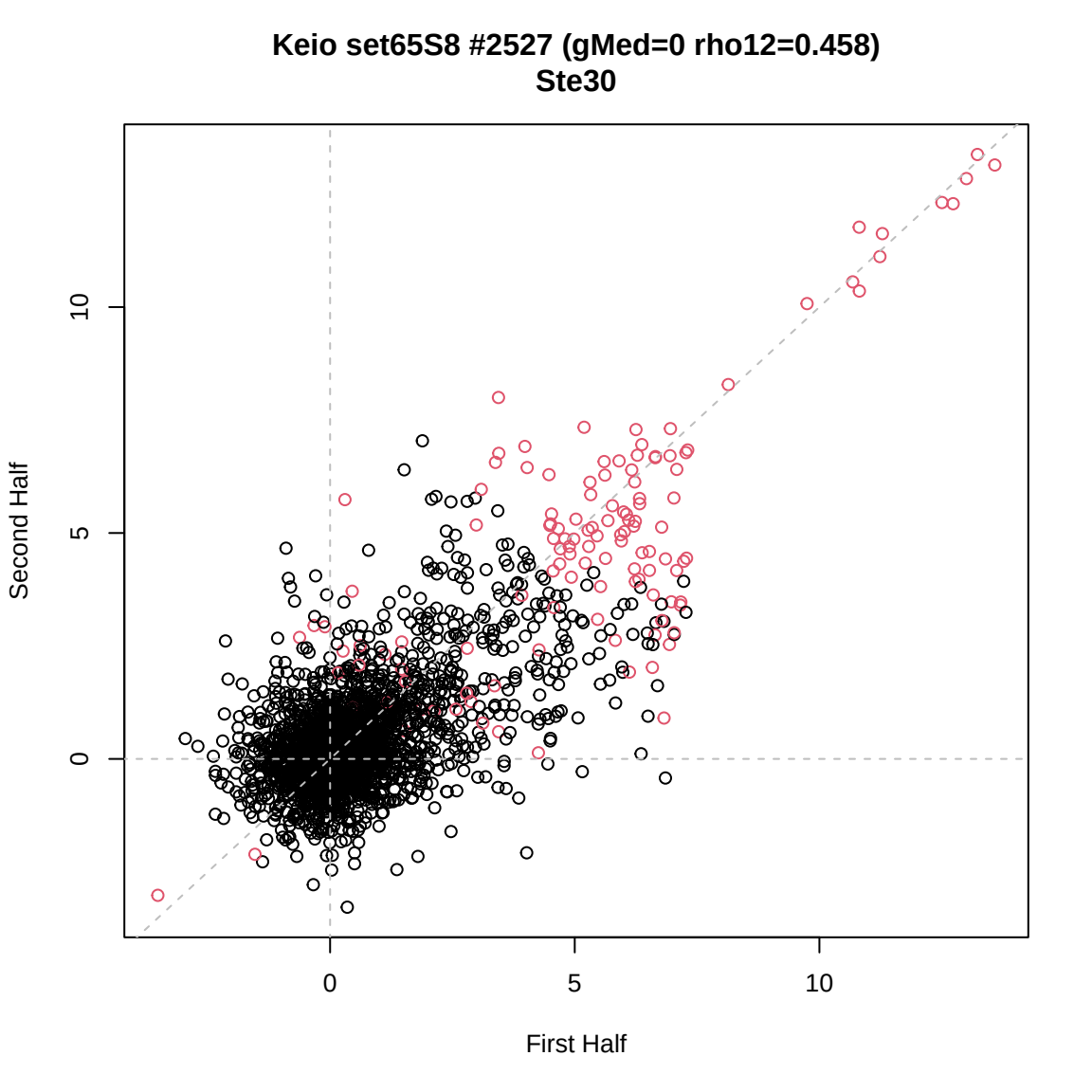

Keio set65S3 #2522 (gMed=0 rho12=0.463)
Ste11
Second Half
First Half
15
10
5
0
0
5
10
15

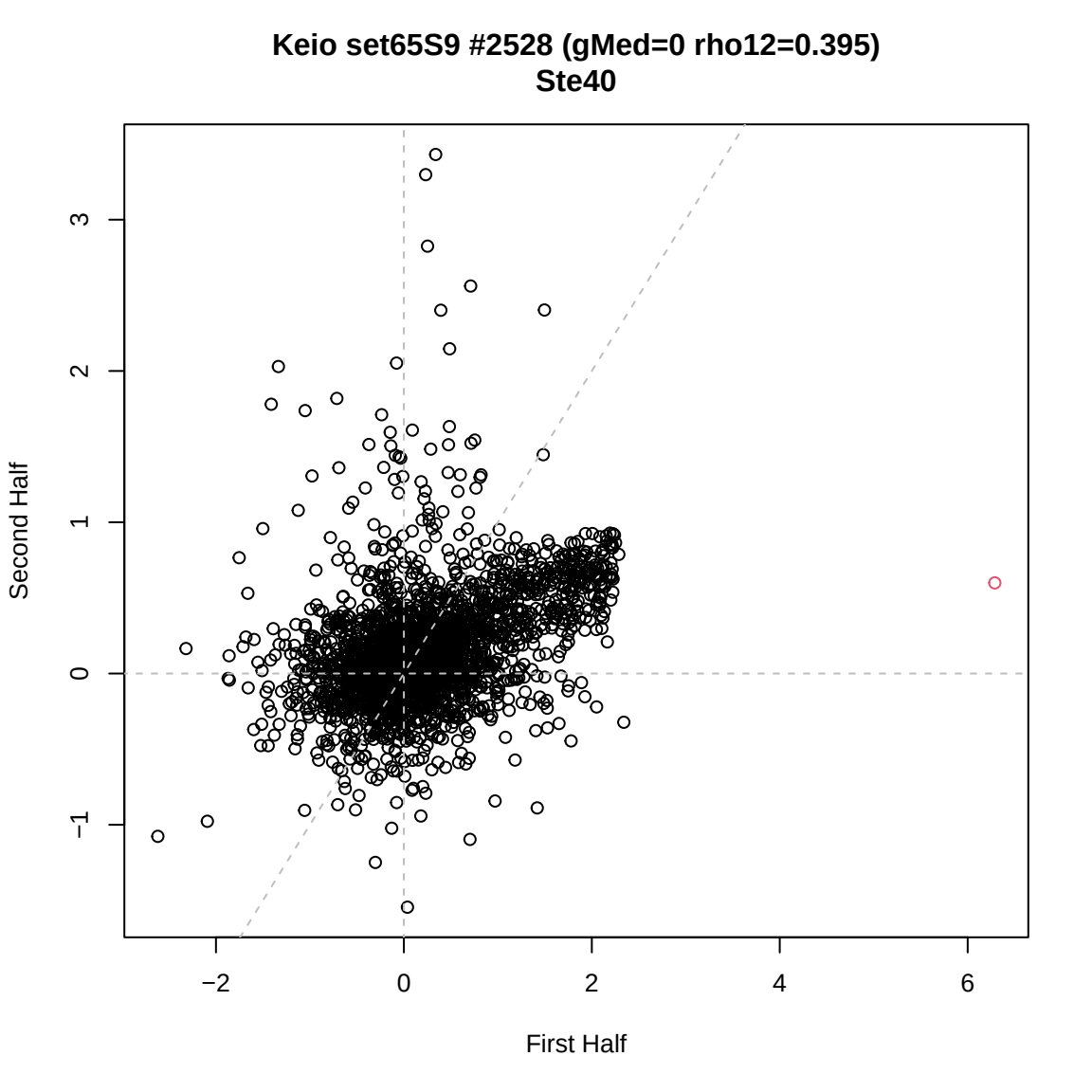

Keio set65S4 #2523 (gMed=0 rho12=0.470)
Ste11
Second Half
First Half
15
10
5
0
0
5
10
15

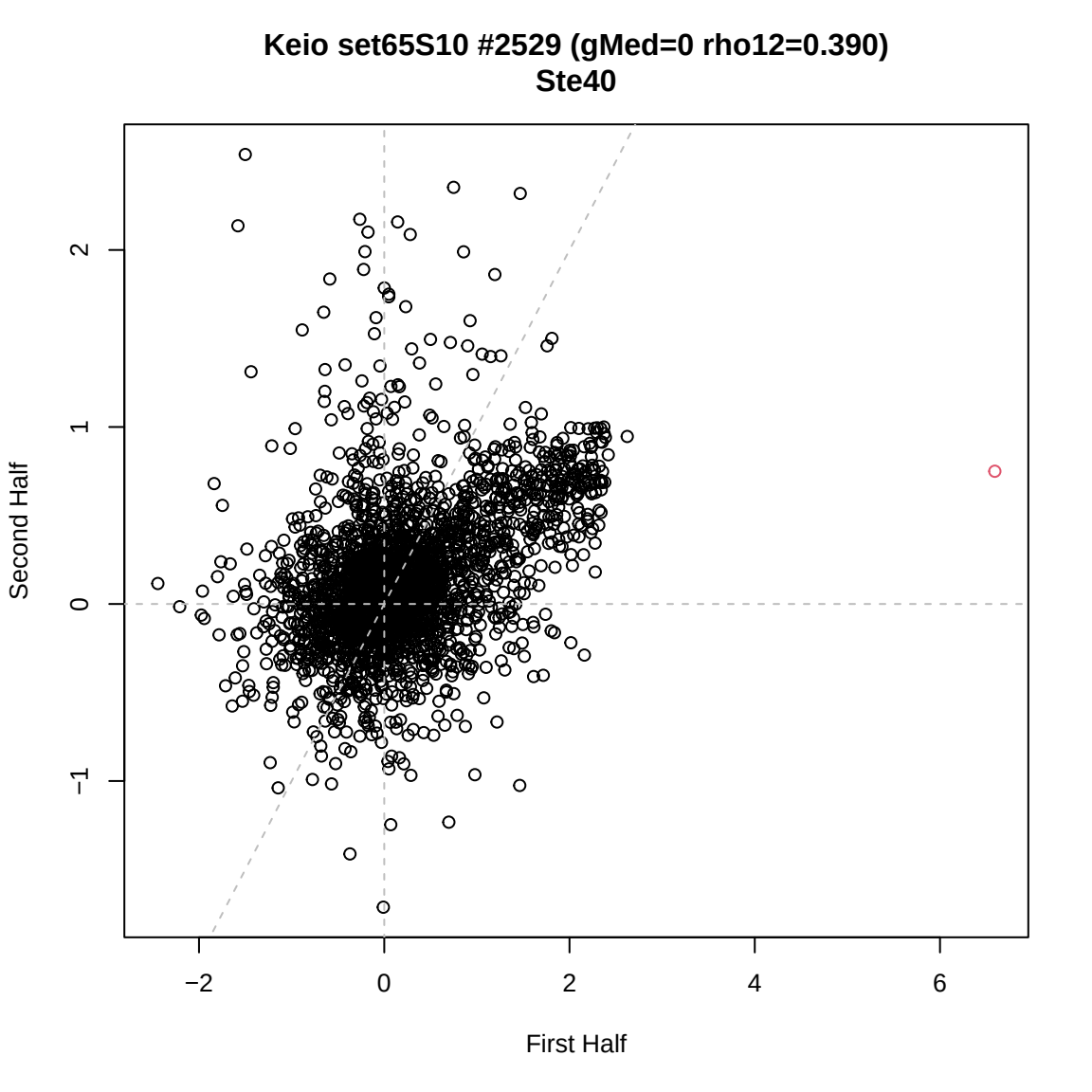

Keio set65S5 #2524 (gMed=0 rho12=0.462)
Ste21
Second Half
First Half
15
10
5
0
0
5
10
15

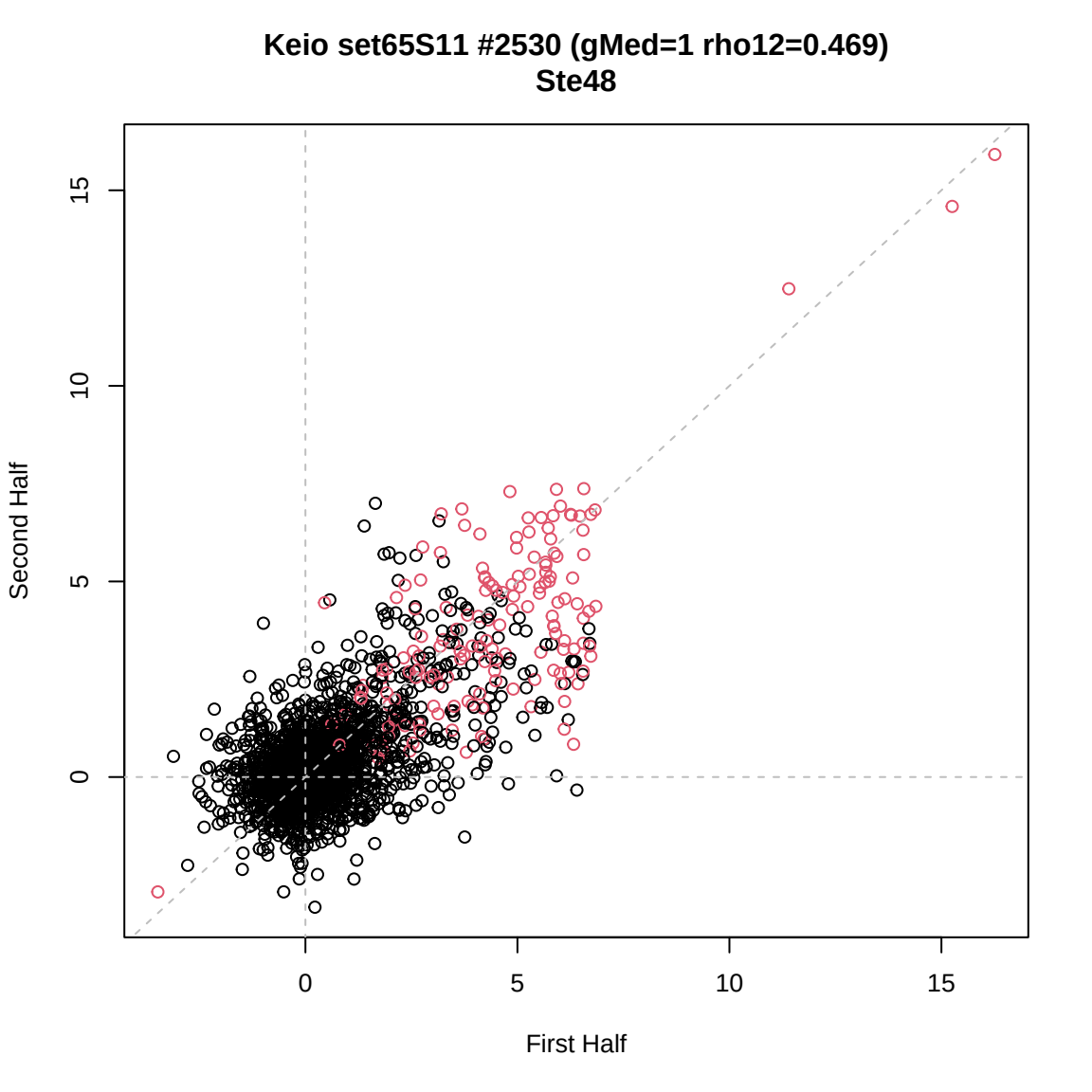

Keio set65S6 #2525 (gMed=0 rho12=0.467)
Ste21
Second Half
First Half
15
10
5
0
0
5
10
15

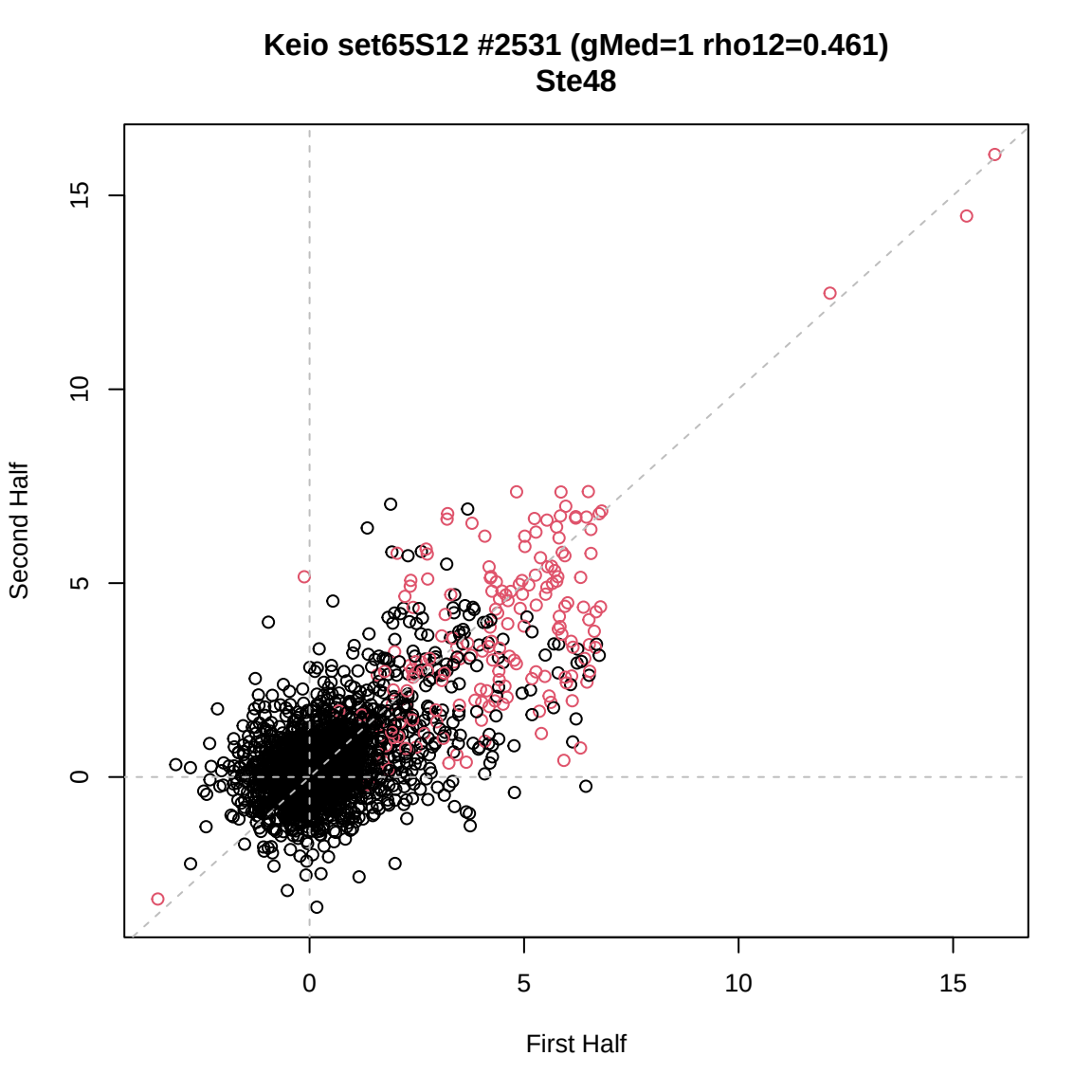

Keio set65S7 #2526 (gMed=0 rho12=0.460)
Ste30
Second Half
First Half
0
5
10
0
5
10

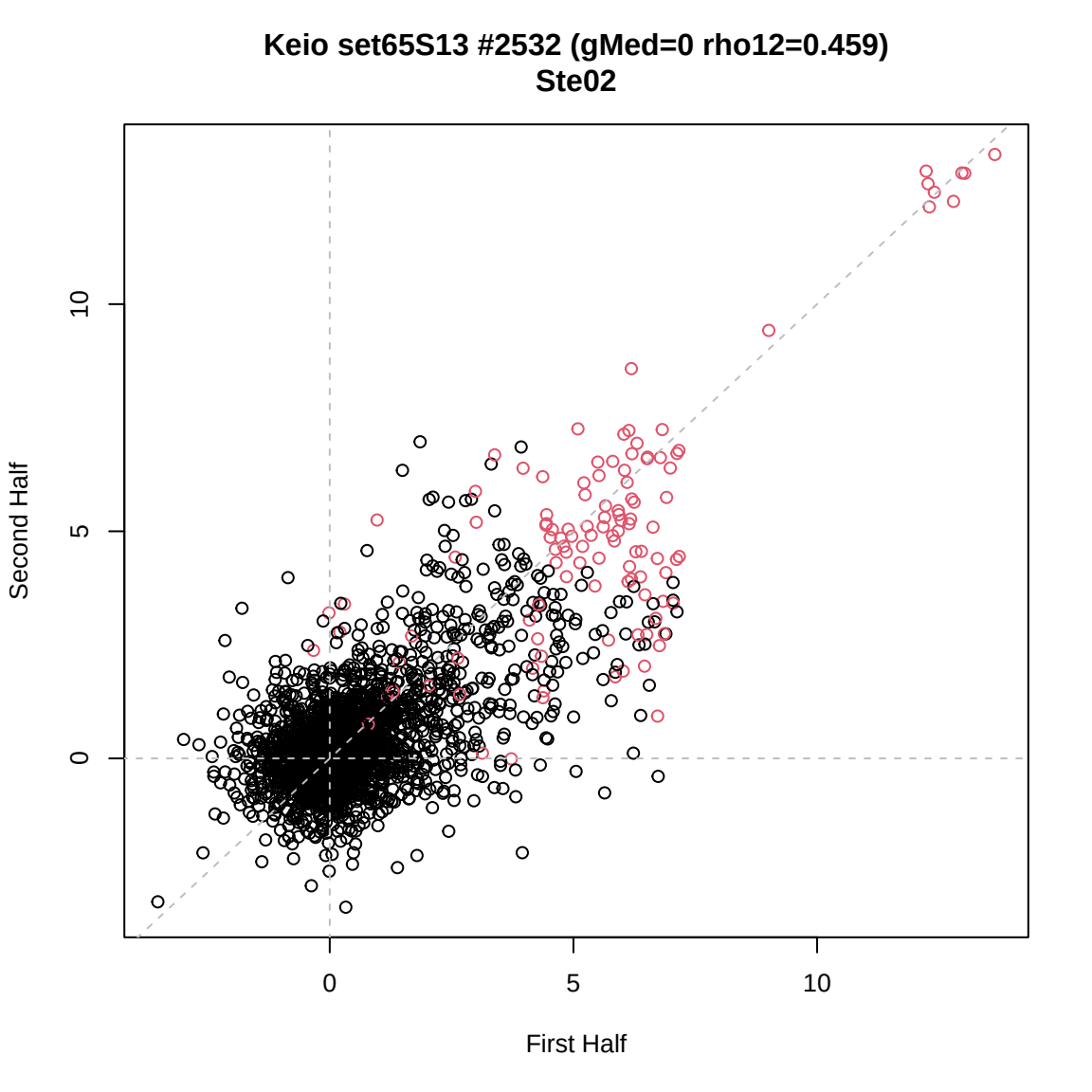

Keio set65S8 #2527 (gMed=0 rho12=0.458)
Ste30
Second Half
First Half
0
5
10
0
5
10

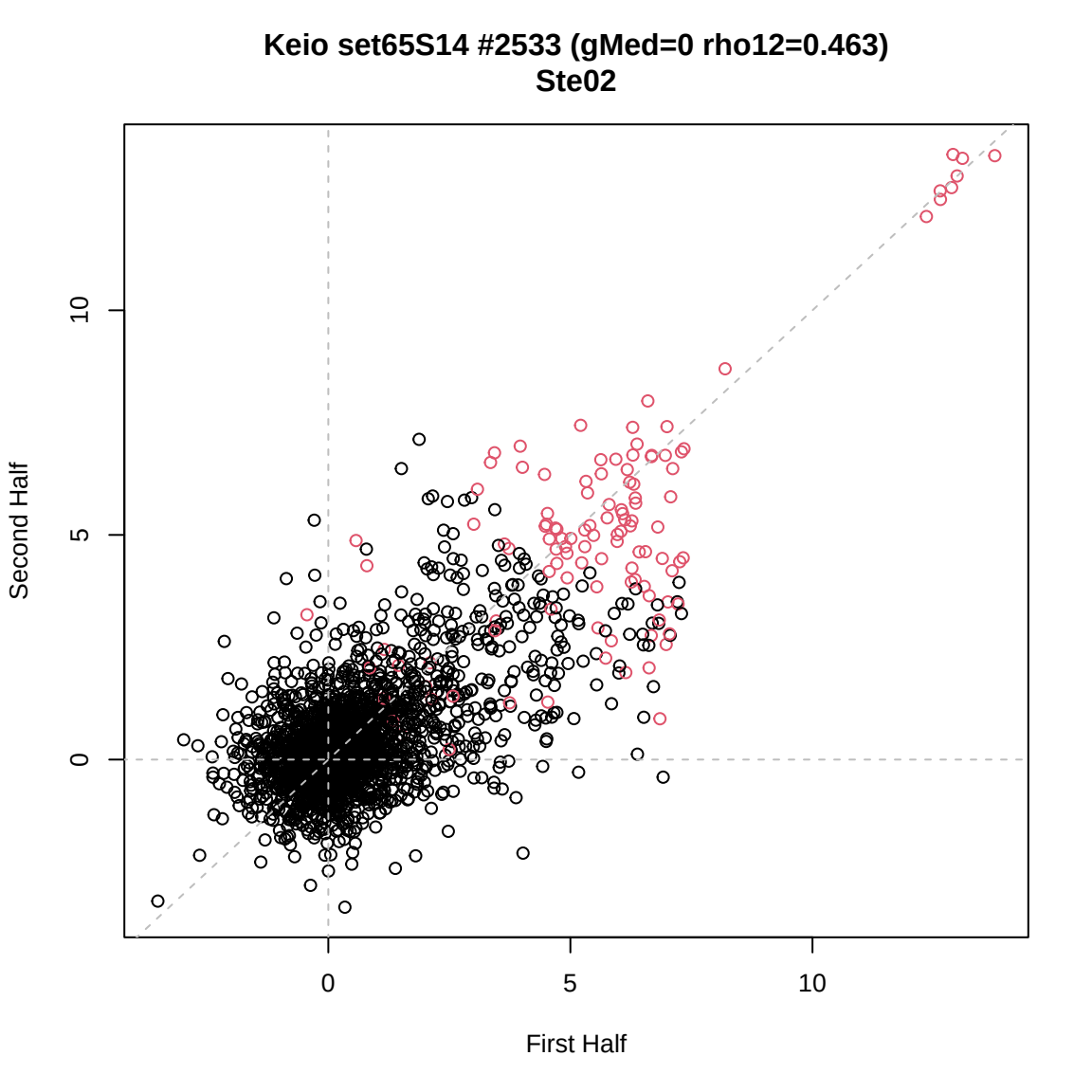

Keio set65S9 #2528 (gMed=0 rho12=0.395)
Ste40
Second Half
First Half
3
2
1
0
−1
−2
0
2
4
6

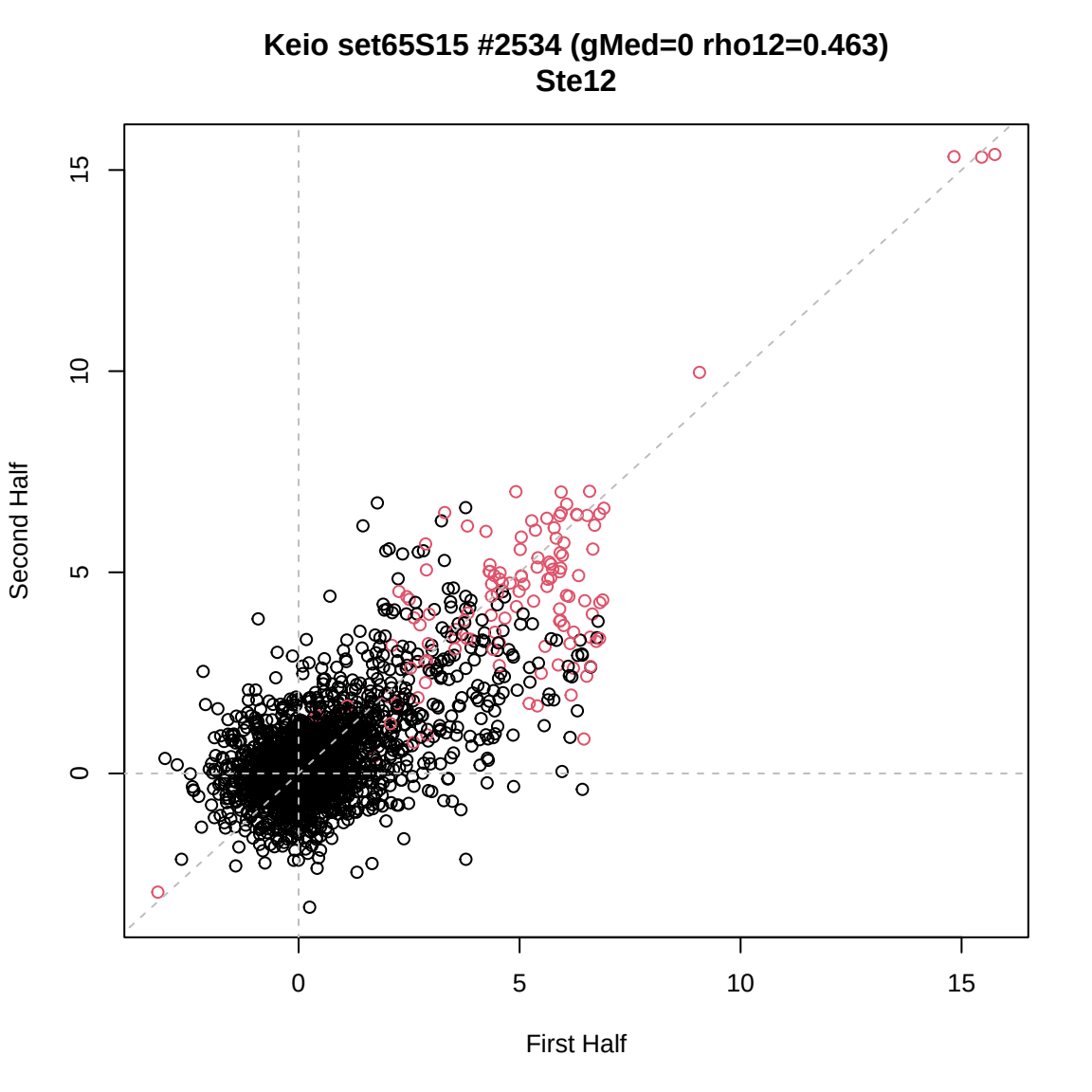

Keio set65S10 #2529 (gMed=0 rho12=0.390)
Ste40
Second Half
First Half
2
1
0
−1
−2
0
2
4
6

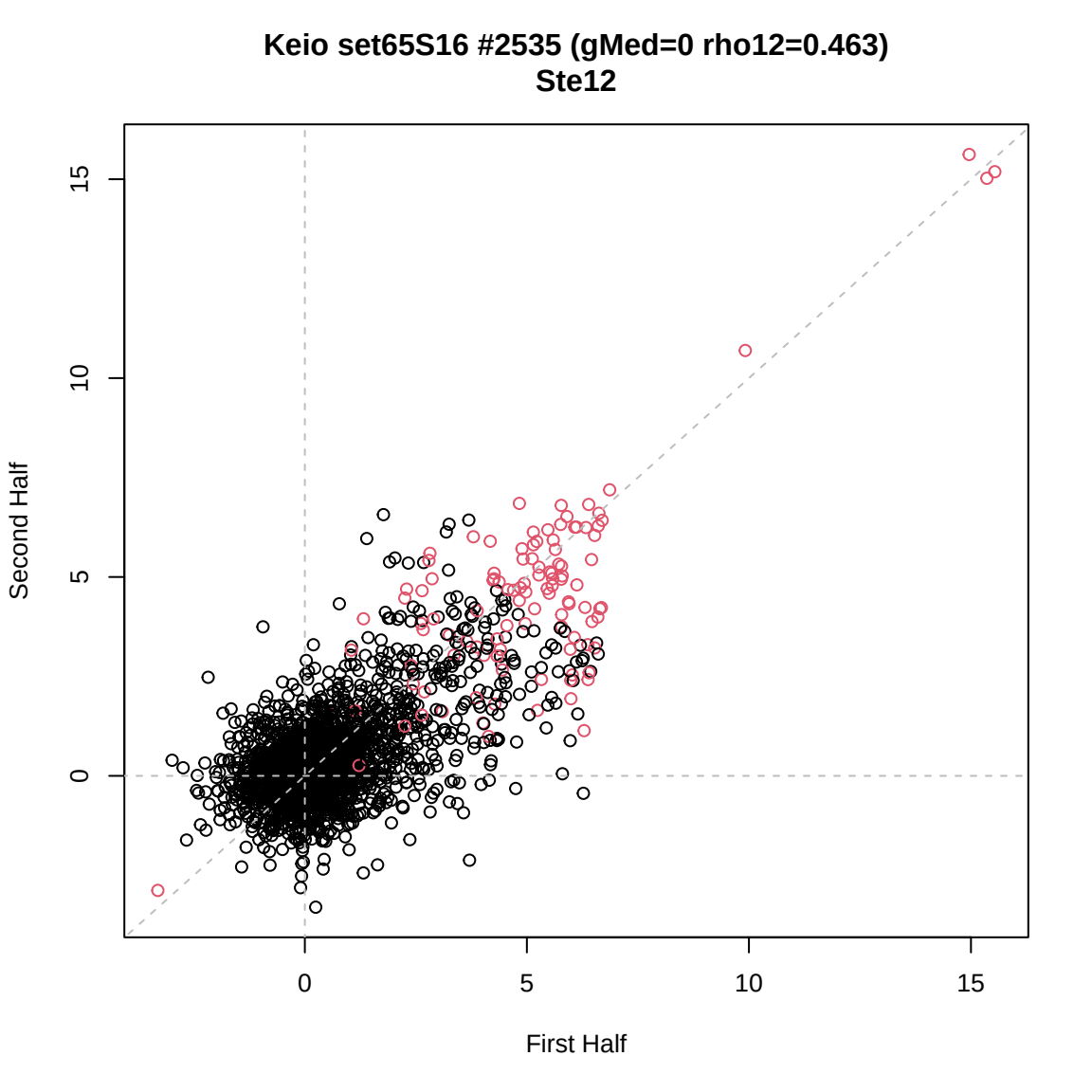

Keio set65S11 #2530 (gMed=1 rho12=0.469)
Ste48
Second Half
First Half
0
5
10
15

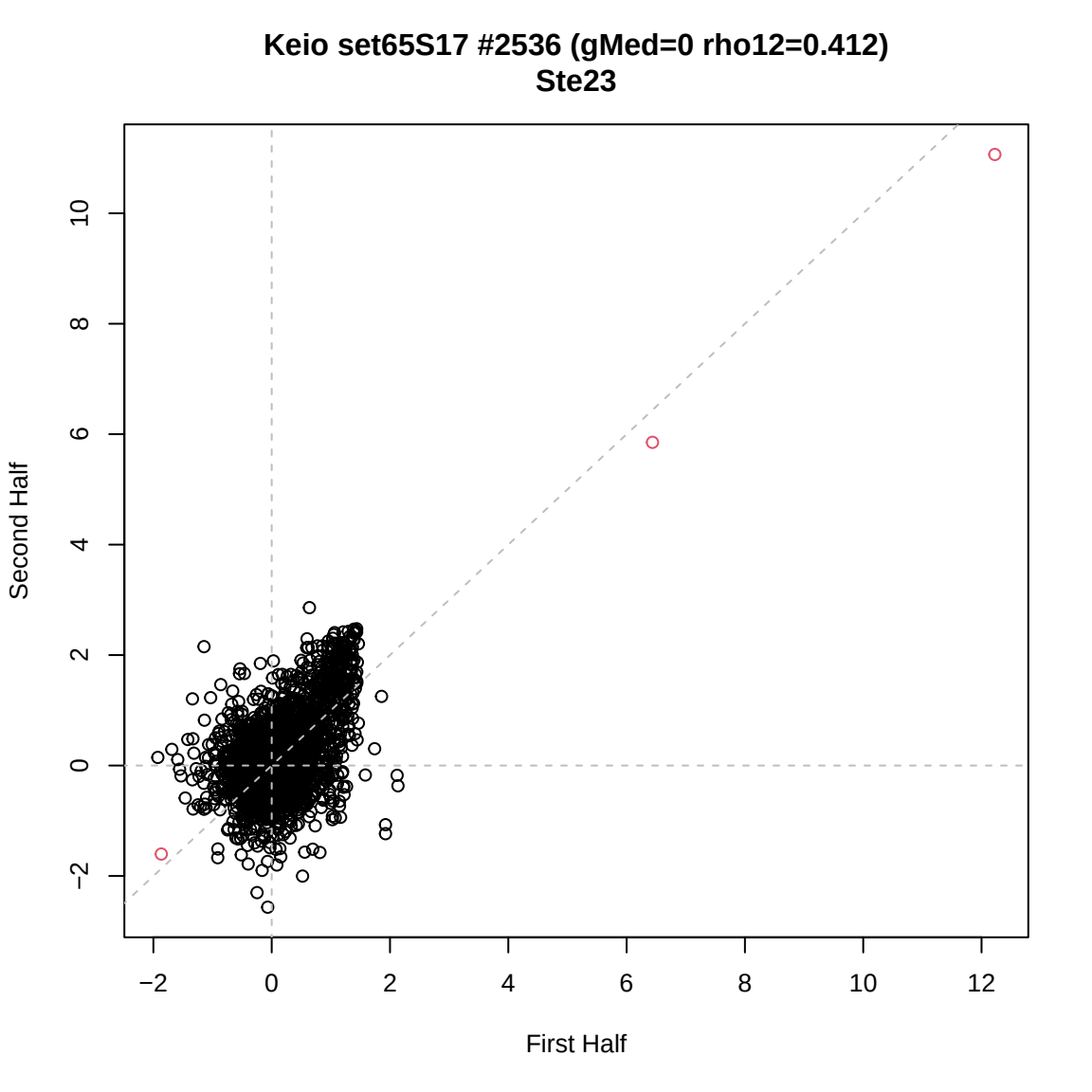

Keio set65S12 #2531 (gMed=1 rho12=0.461)
Ste48
Second Half
First Half
0
5
10
15
0
5
10
15

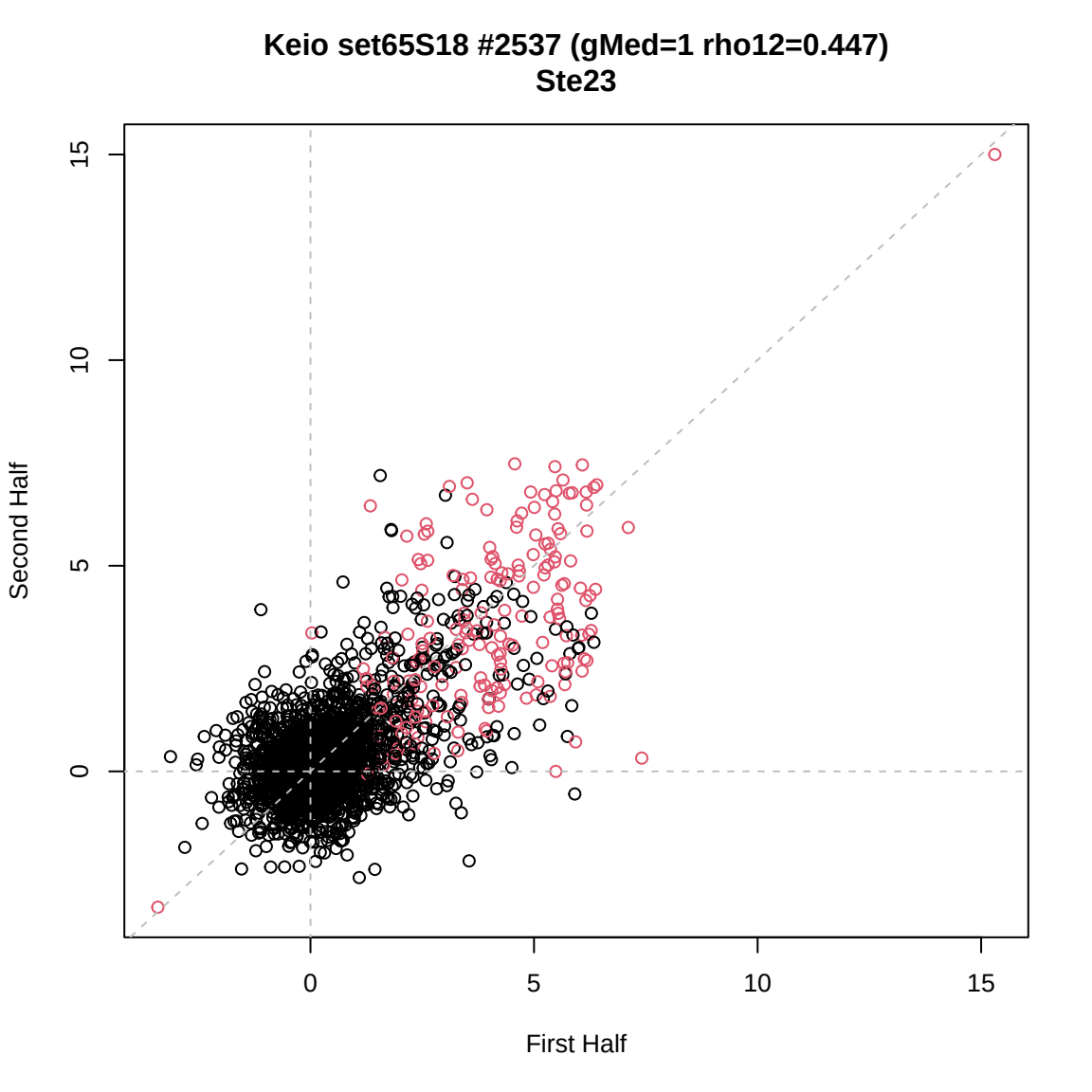

Keio set65S13 #2532 (gMed=0 rho12=0.459)
Ste02
Second Half
First Half
0
5
10
0
5
10

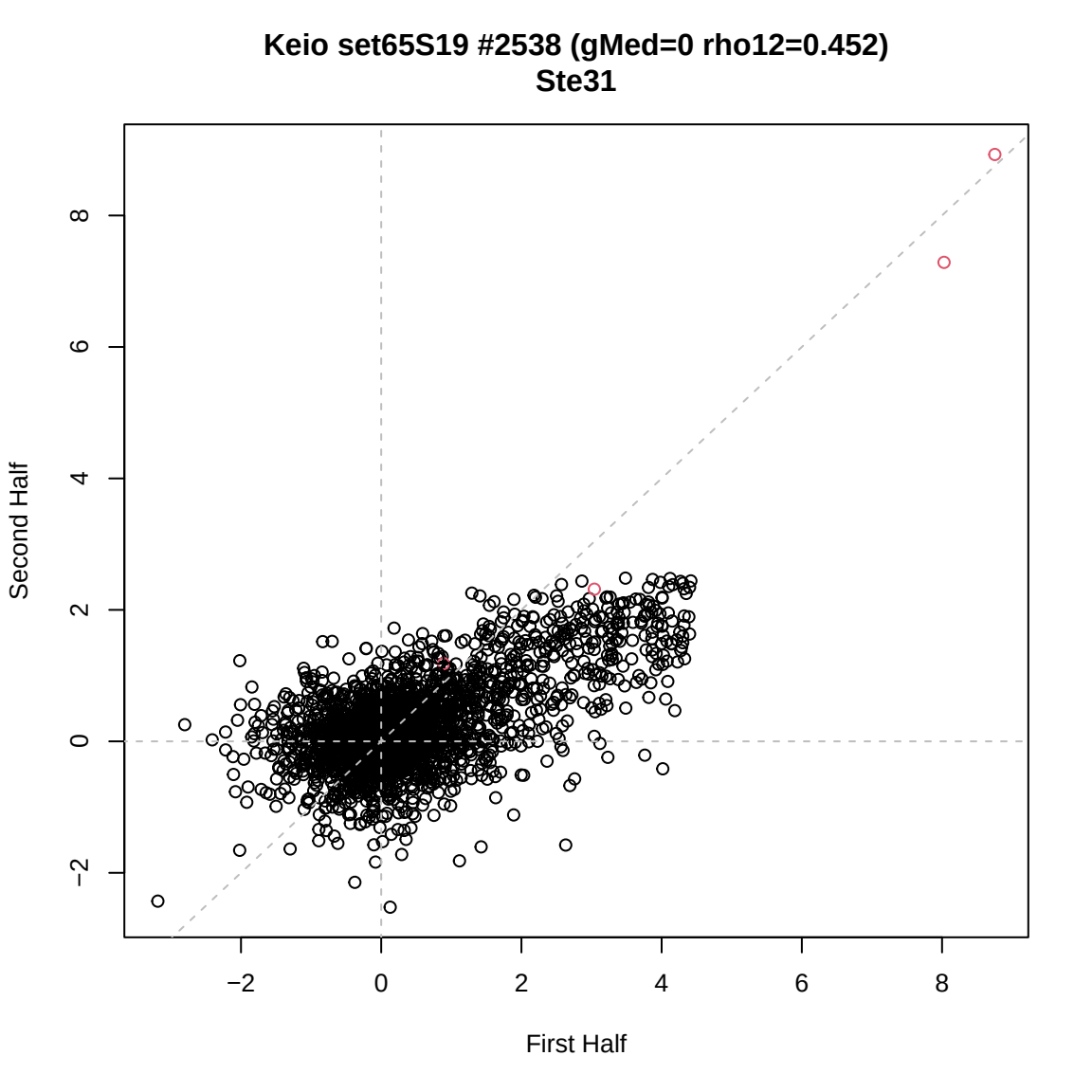

Keio set65S14 #2533 (gMed=0 rho12=0.463)
Ste02
Second Half
First Half
0
5
10
0
5
10

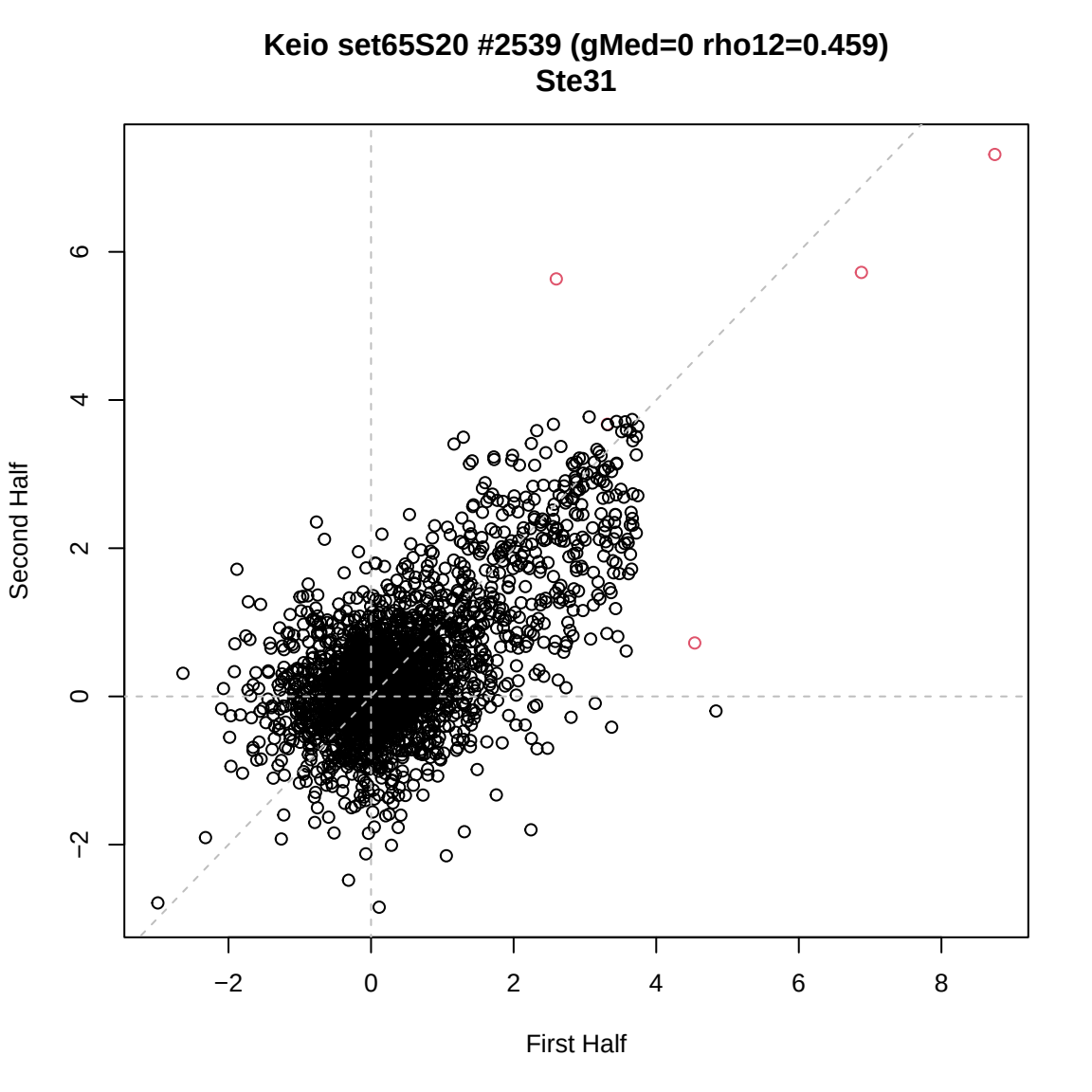

Keio set65S15 #2534 (gMed=0 rho12=0.463)
Ste12
Second Half
First Half
0
5
10
15

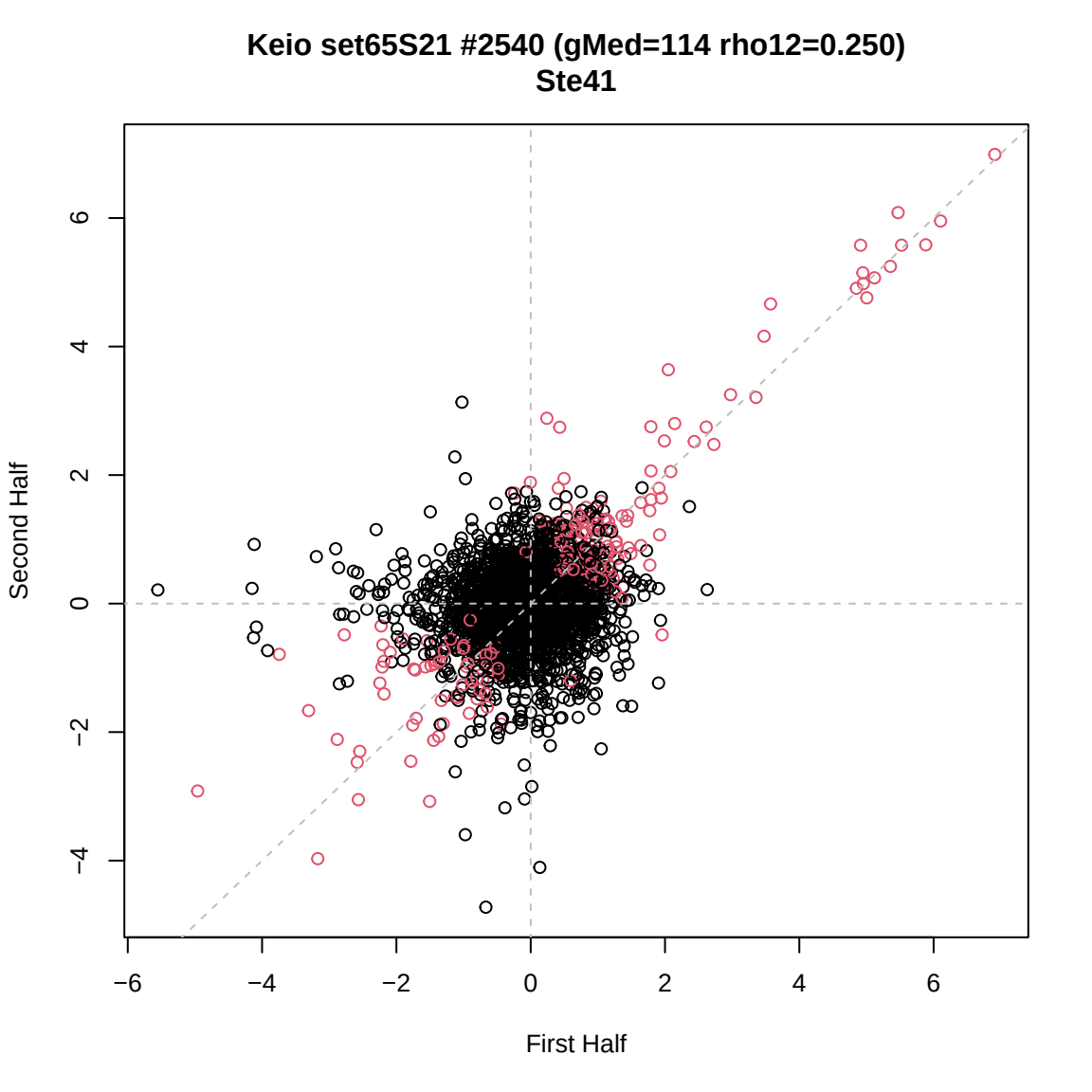

Keio set65S16 #2535 (gMed=0 rho12=0.463)
Ste12
Second Half
First Half
0
5
10
15
0
5
10
15

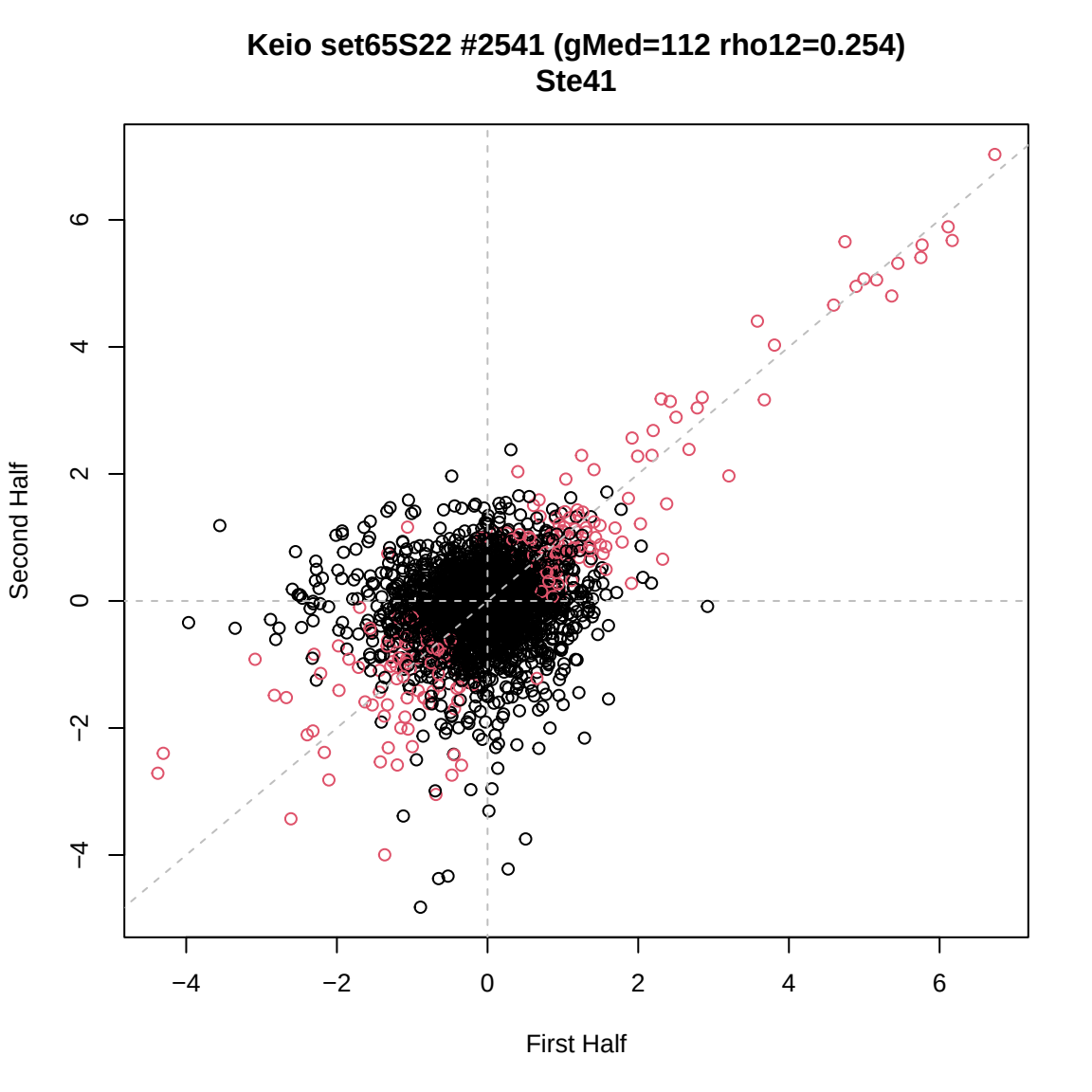

Keio set65S17 #2536 (gMed=0 rho12=0.412)
Ste23
Second Half
First Half
−2
0
2
4
6
8
10
12

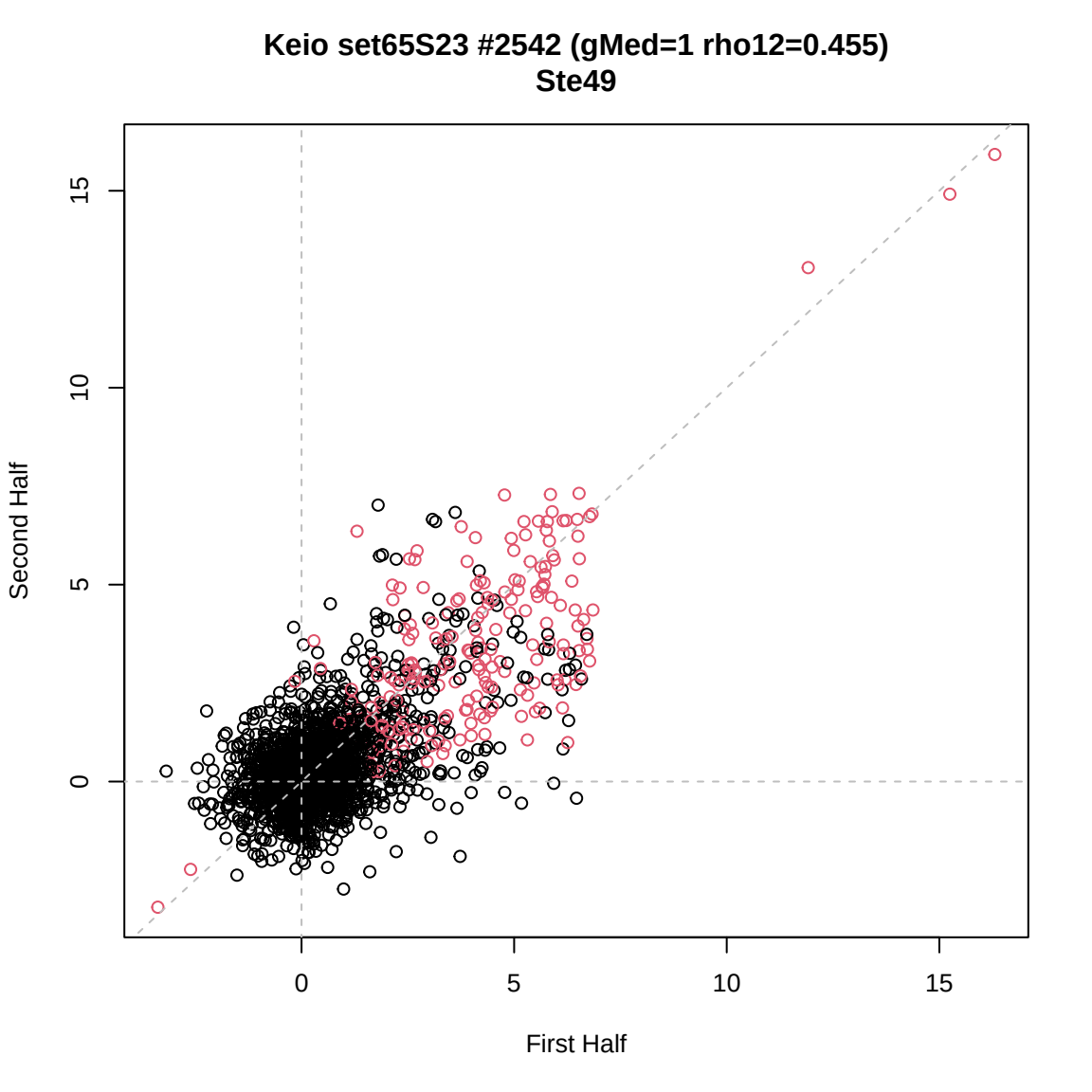

Keio set65S18 #2537 (gMed=1 rho12=0.447)
Ste23
Second Half
First Half
0
5
10
15

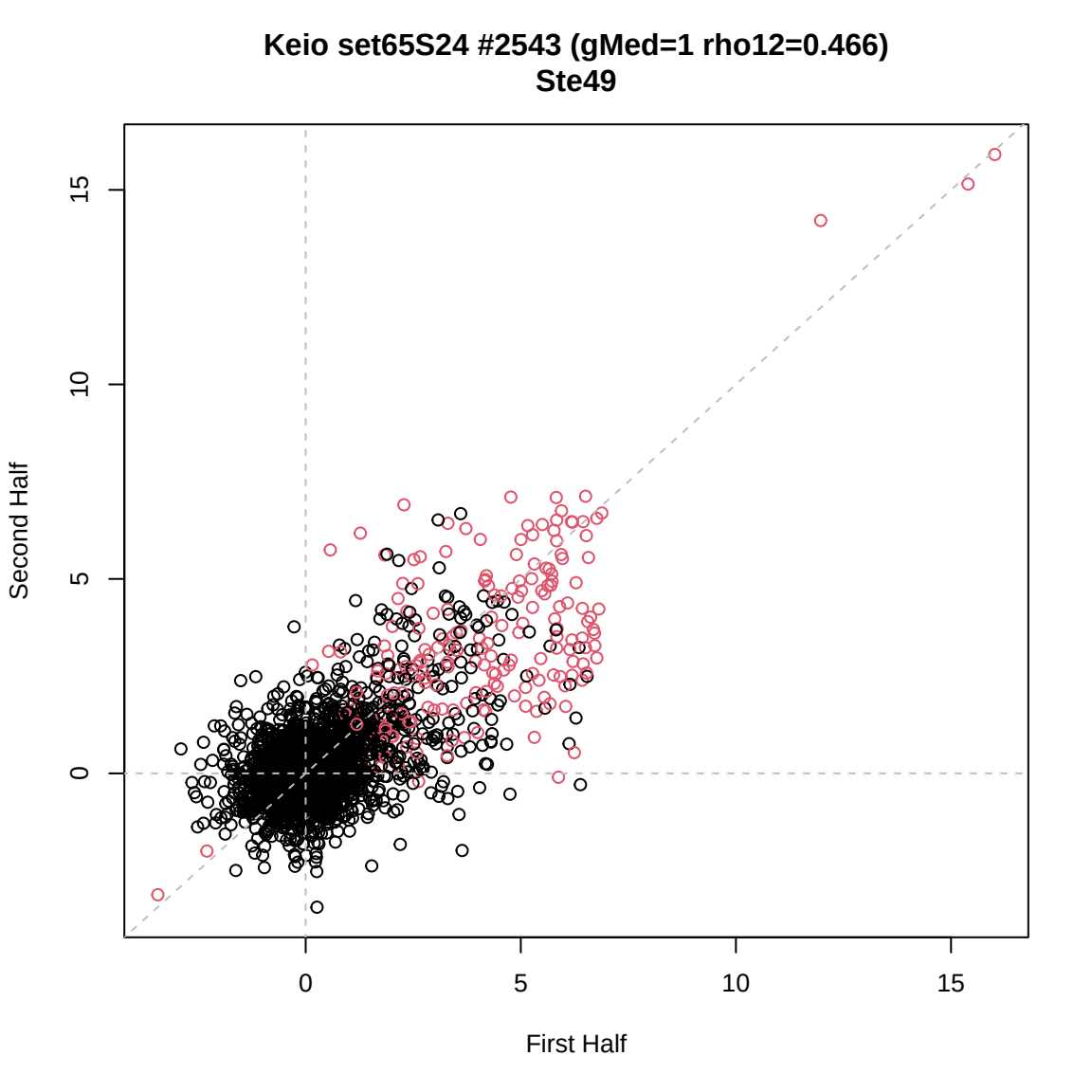

Keio set65S19 #2538 (gMed=0 rho12=0.452)
Ste31
Second Half
First Half
−2
0
2
4
6
8

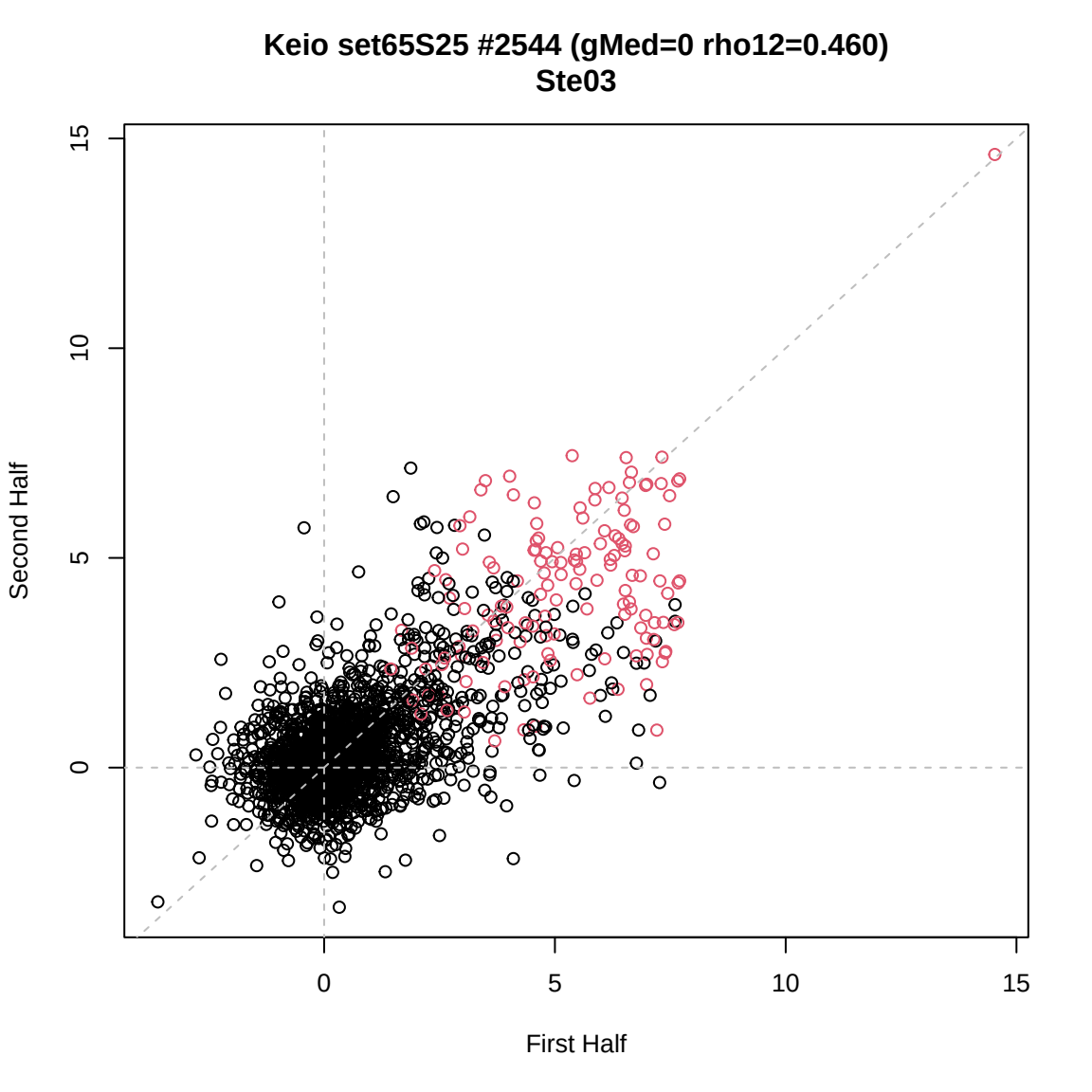

Keio set65S20 #2539 (gMed=0 rho12=0.459)
Ste31
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

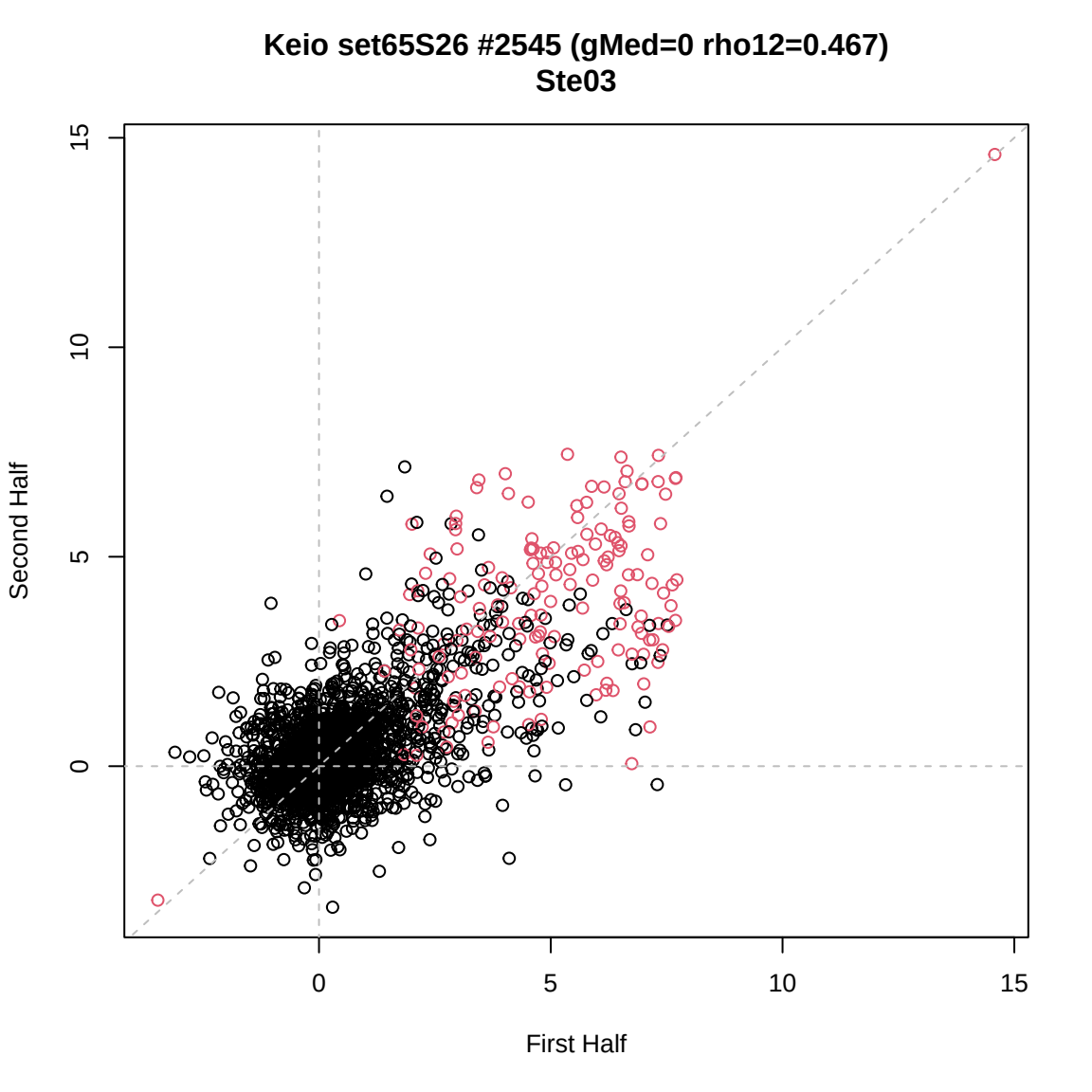

Keio set65S21 #2540 (gMed=114 rho12=0.250)
Ste41
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

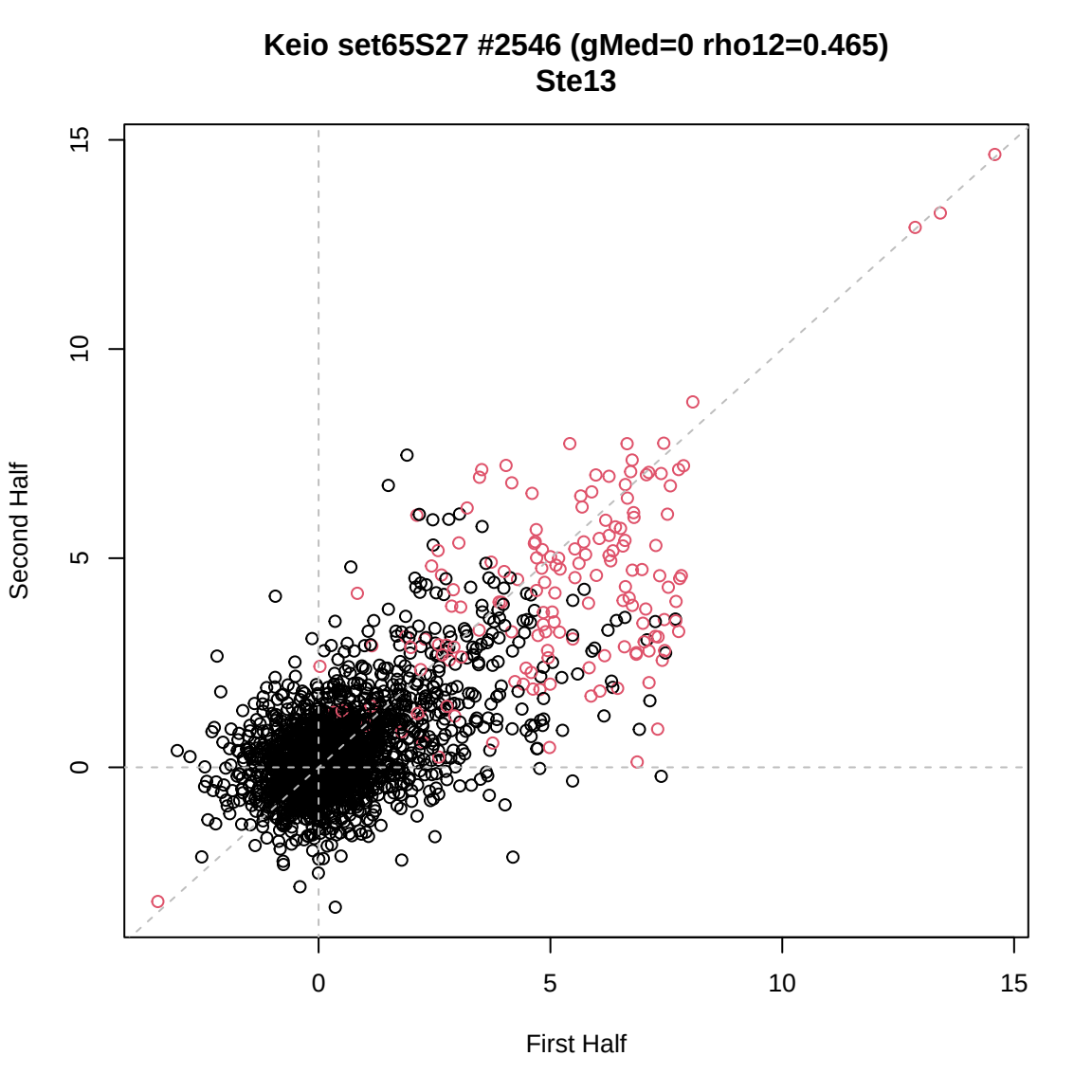

Keio set65S22 #2541 (gMed=112 rho12=0.254)
Ste41
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

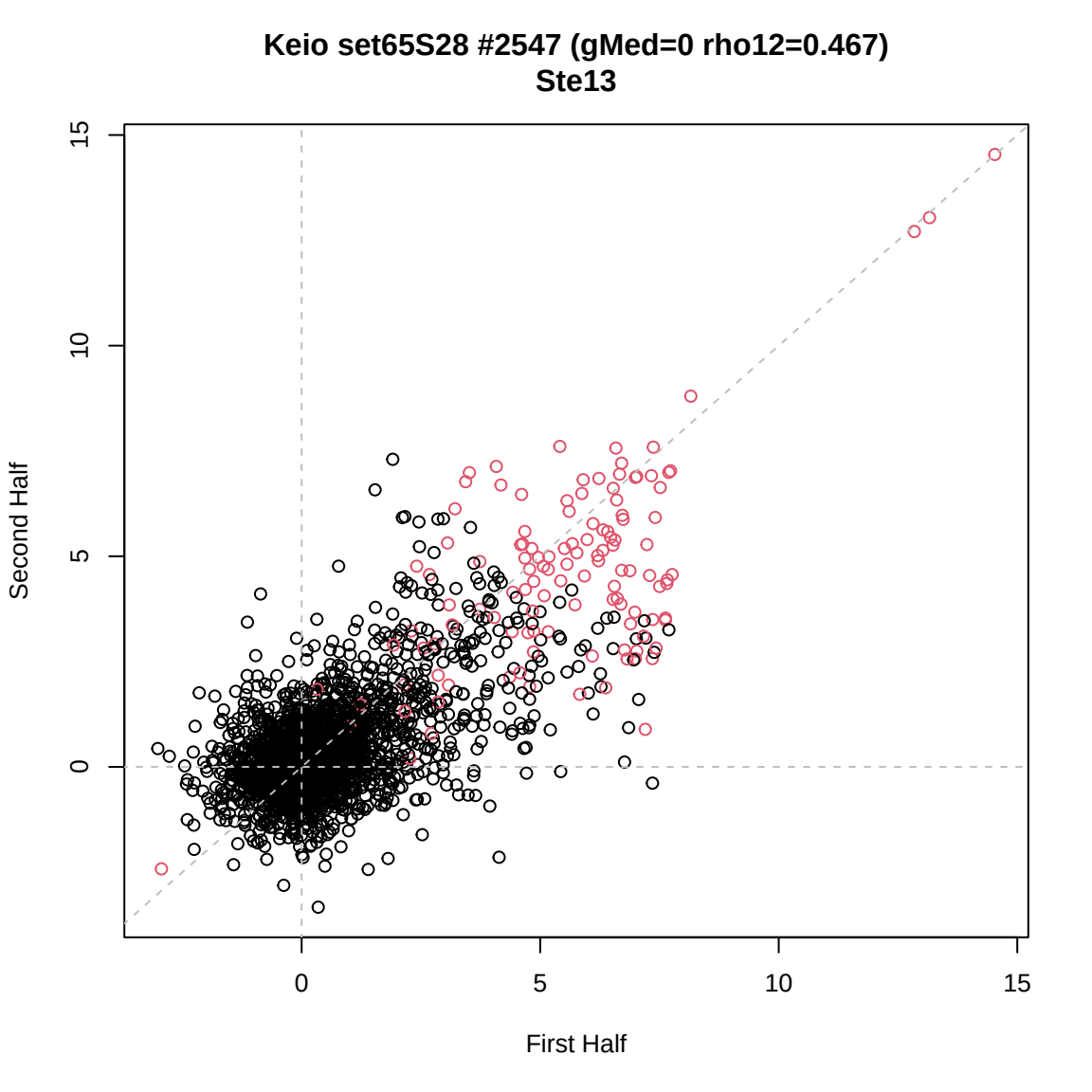

Keio set65S23 #2542 (gMed=1 rho12=0.455)
Ste49
Second Half
First Half
0
5
10
15
0
5
10
15

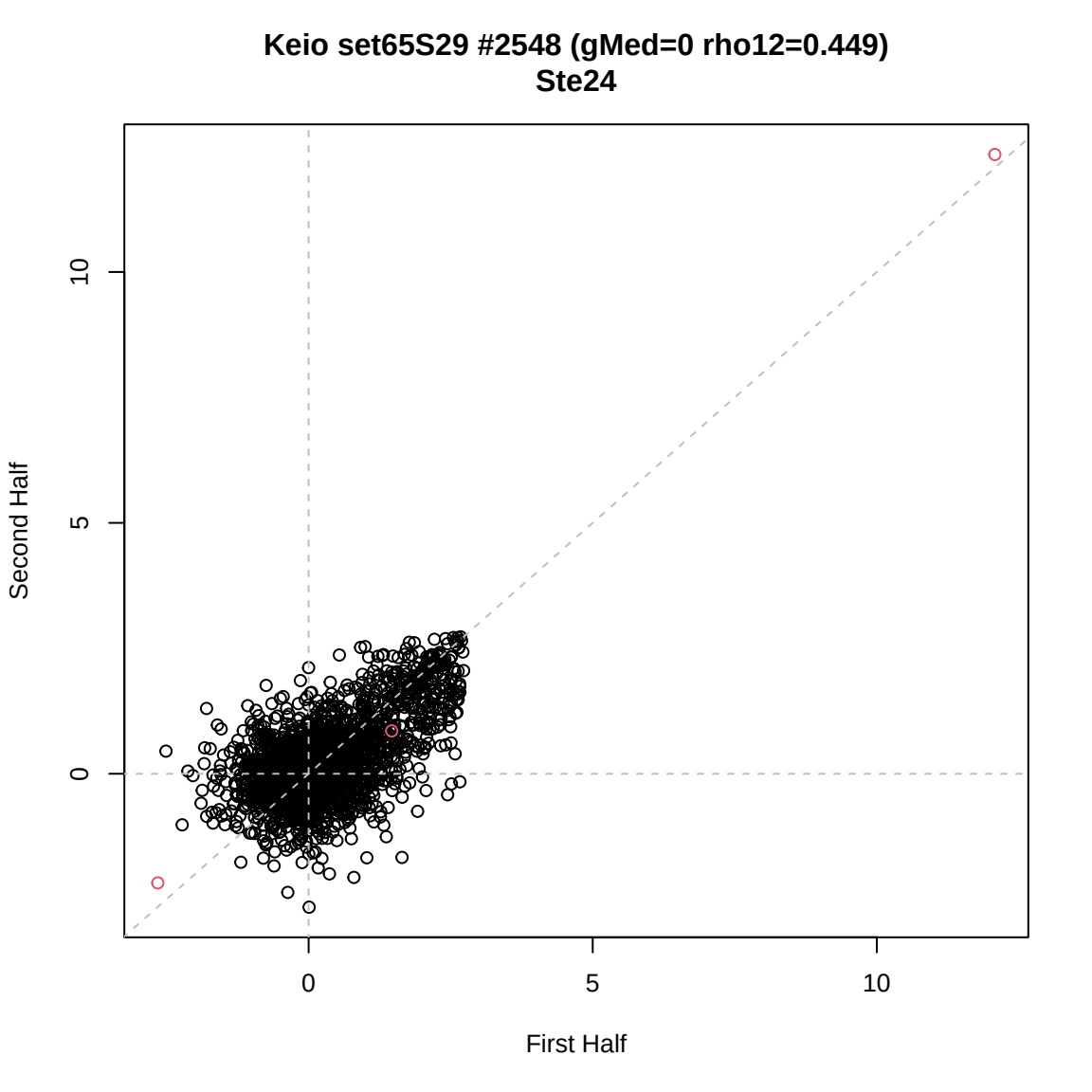

Keio set65S24 #2543 (gMed=1 rho12=0.466)
Ste49
Second Half
First Half
0
5
10
15
0
5
10
15

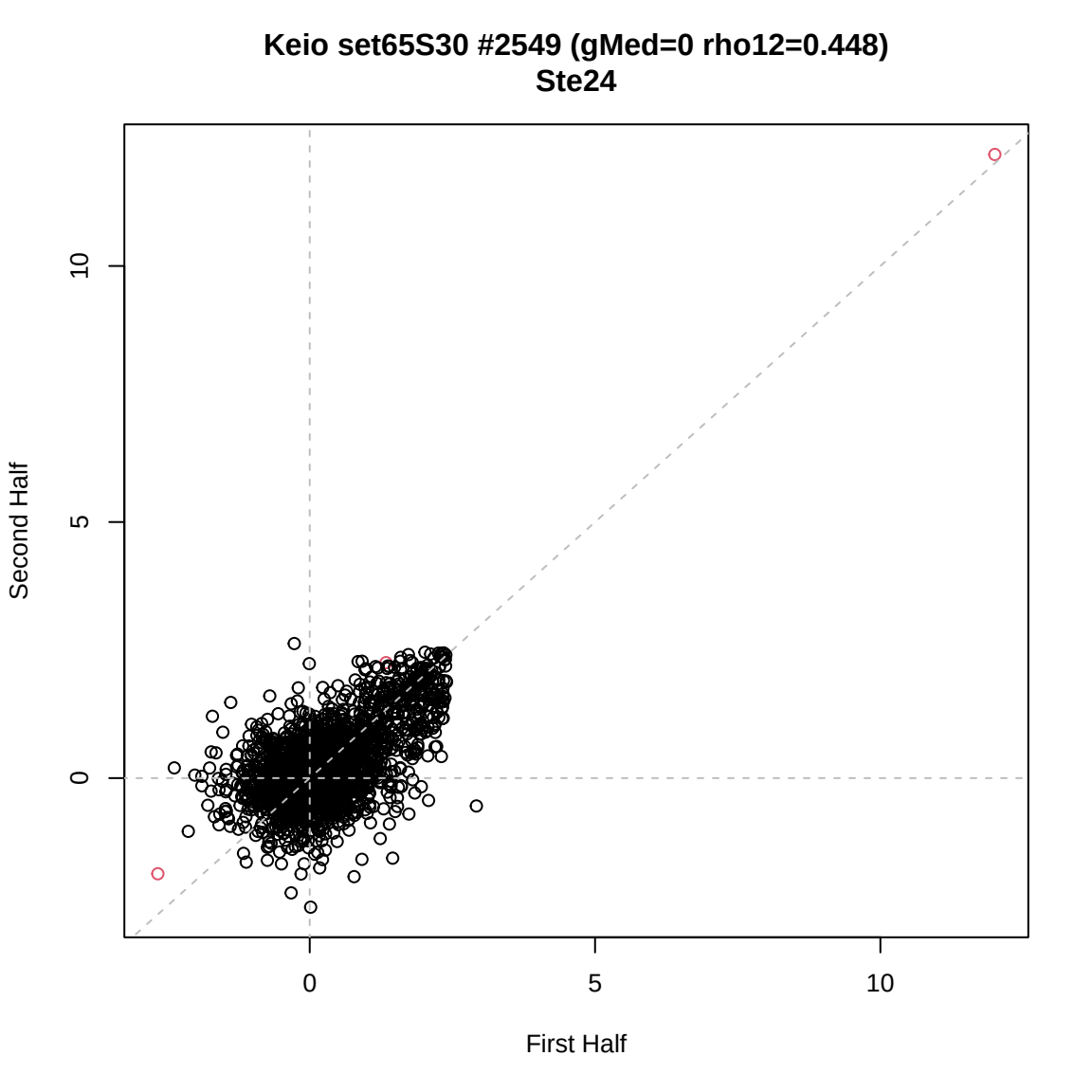

Keio set65S25 #2544 (gMed=0 rho12=0.460)
Ste03
Second Half
First Half
15
10
5
0
0
5
10
15

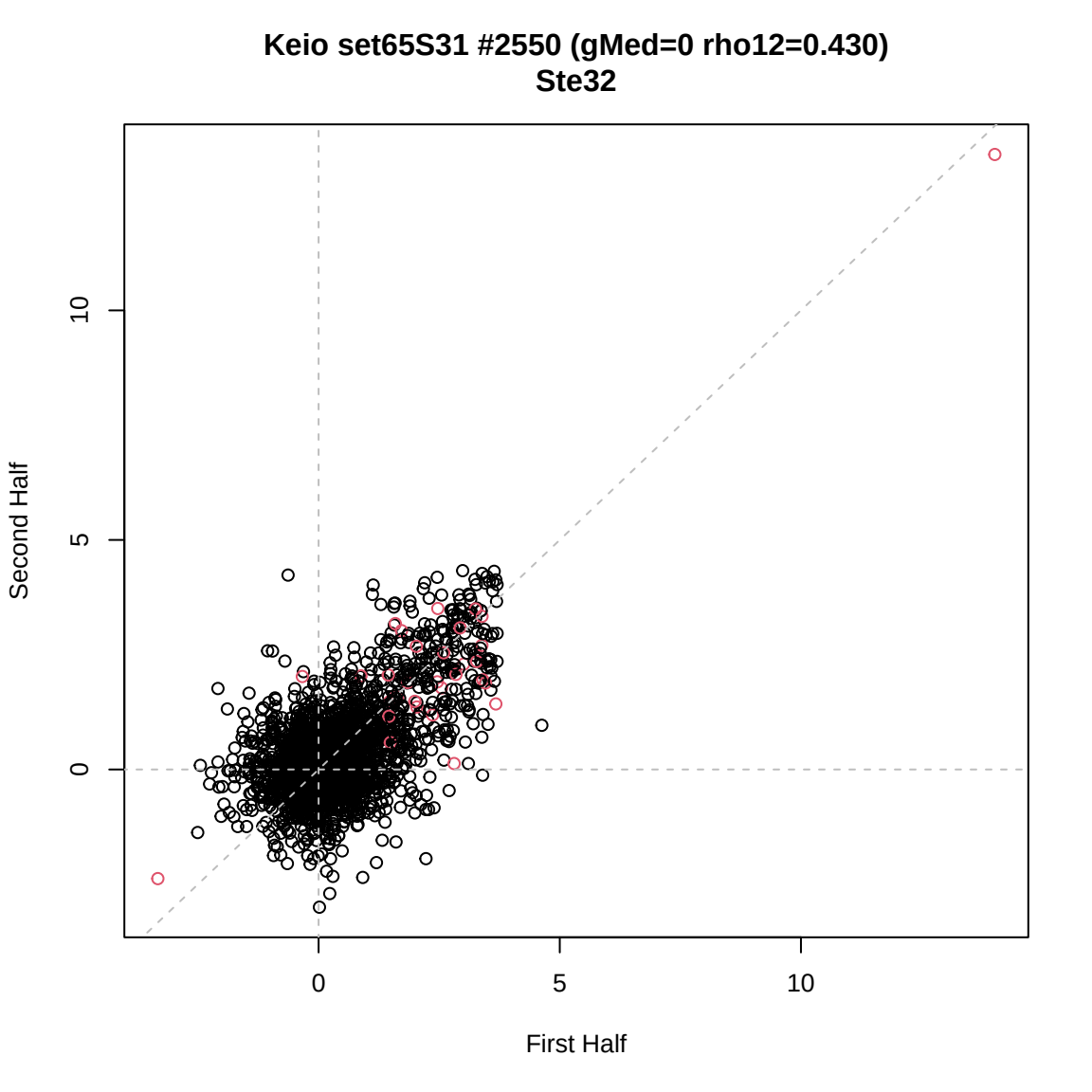

Keio set65S26 #2545 (gMed=0 rho12=0.467)
Ste03
Second Half
First Half
0
5
10
15

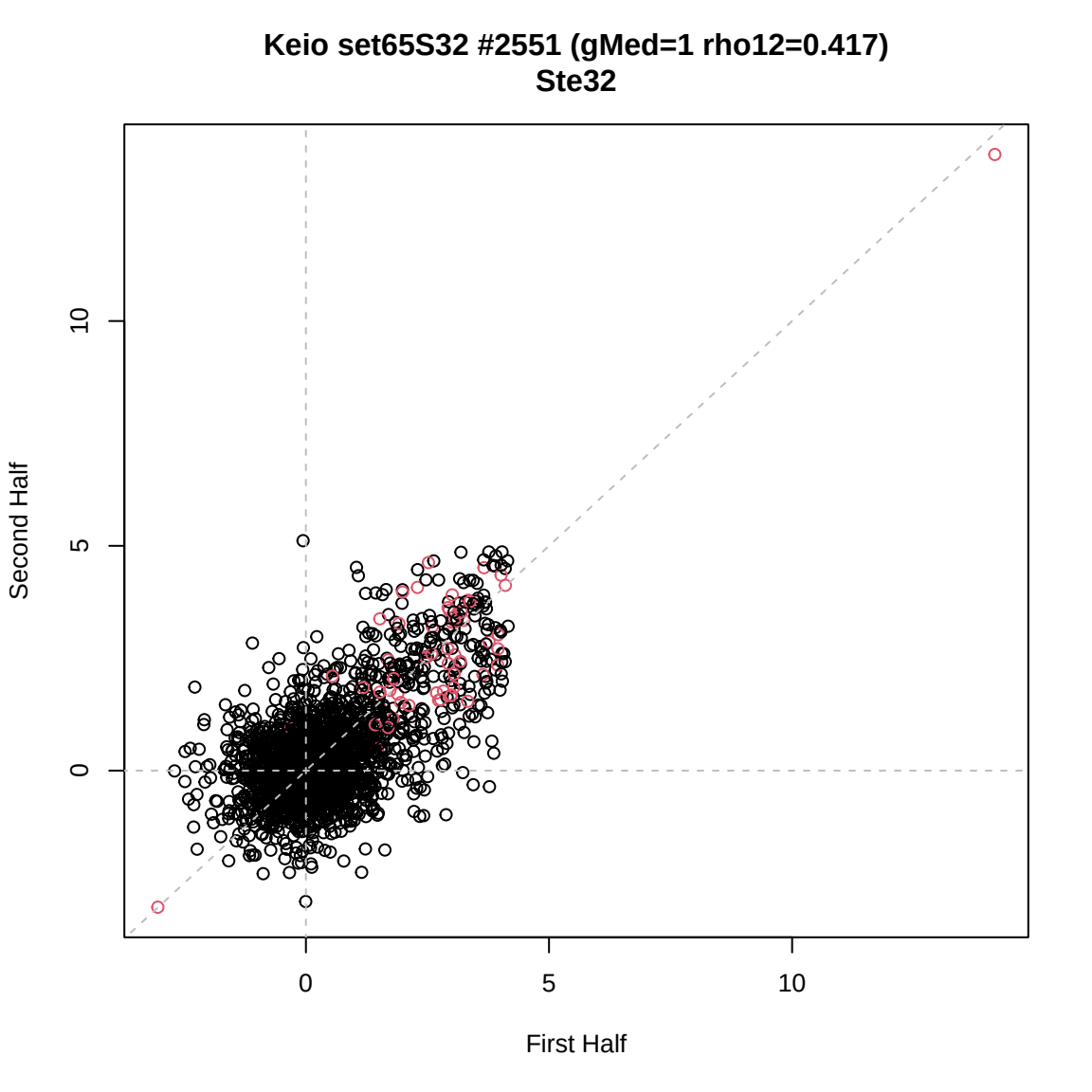

Keio set65S27 #2546 (gMed=0 rho12=0.465)
Ste13
Second Half
First Half
0
5
10
15

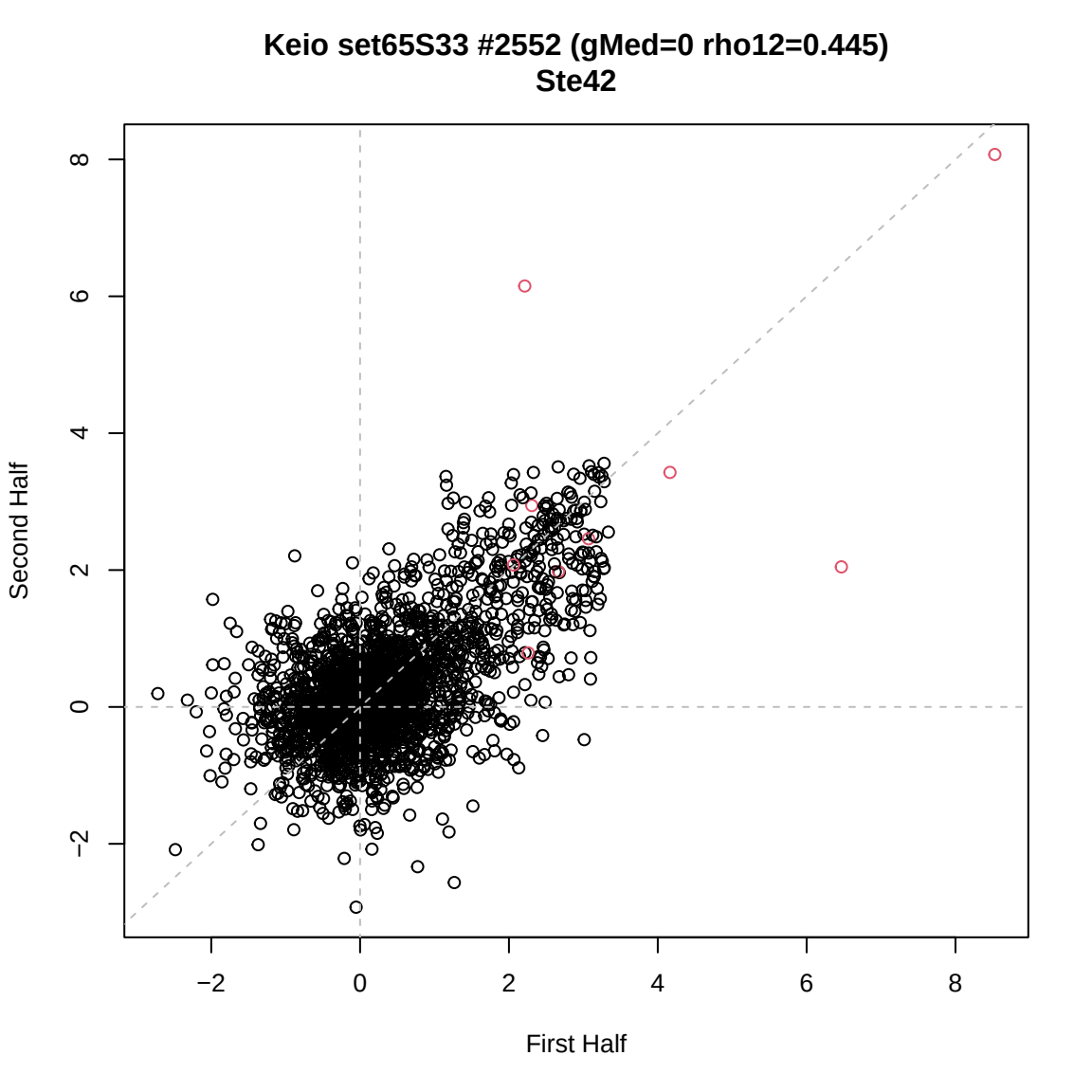

Keio set65S28 #2547 (gMed=0 rho12=0.467)
Ste13
Second Half
First Half
15
10
5
0
0
5
10
15

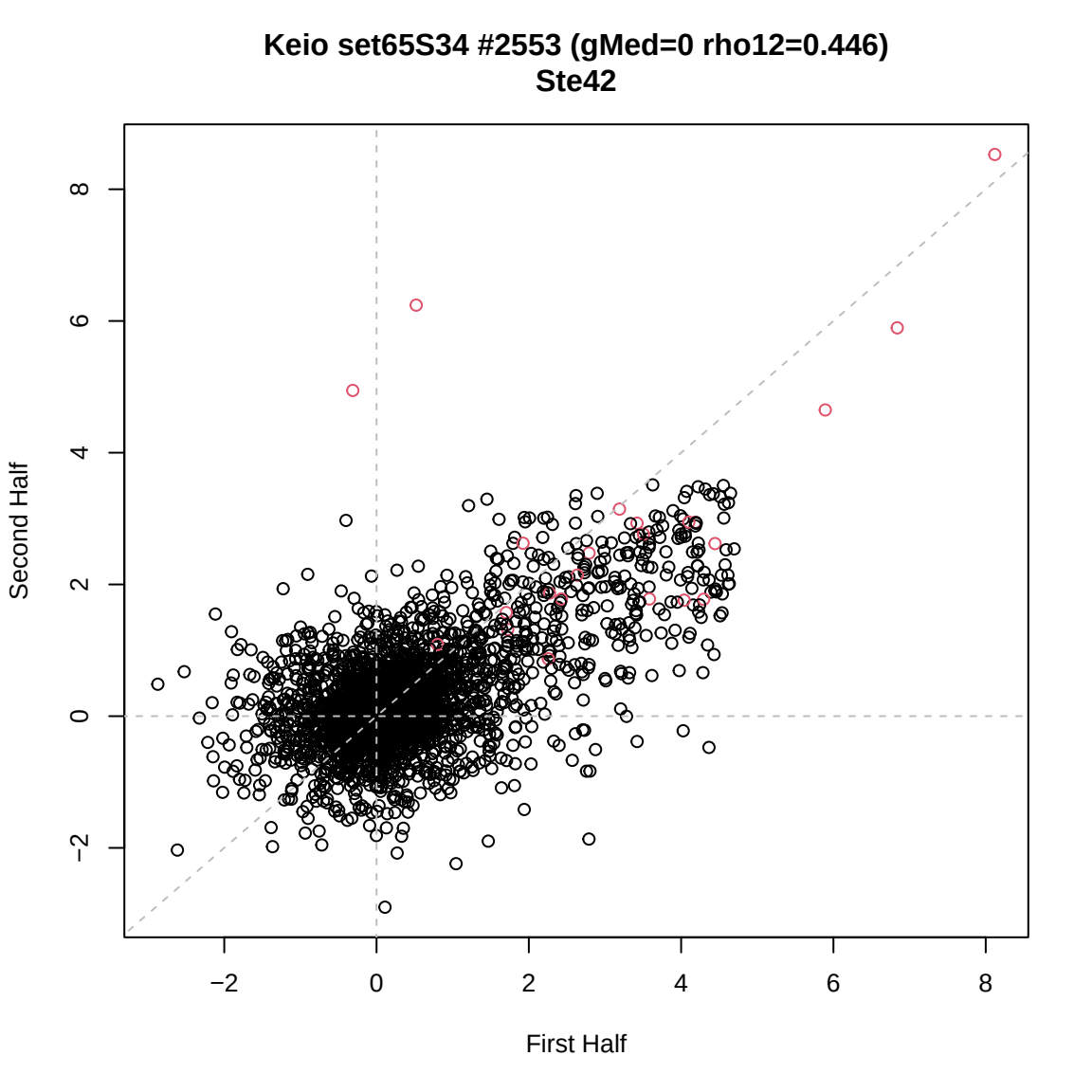

Keio set65S29 #2548 (gMed=0 rho12=0.449)
Ste24
Second Half
First Half
10
5
0
0
5
10

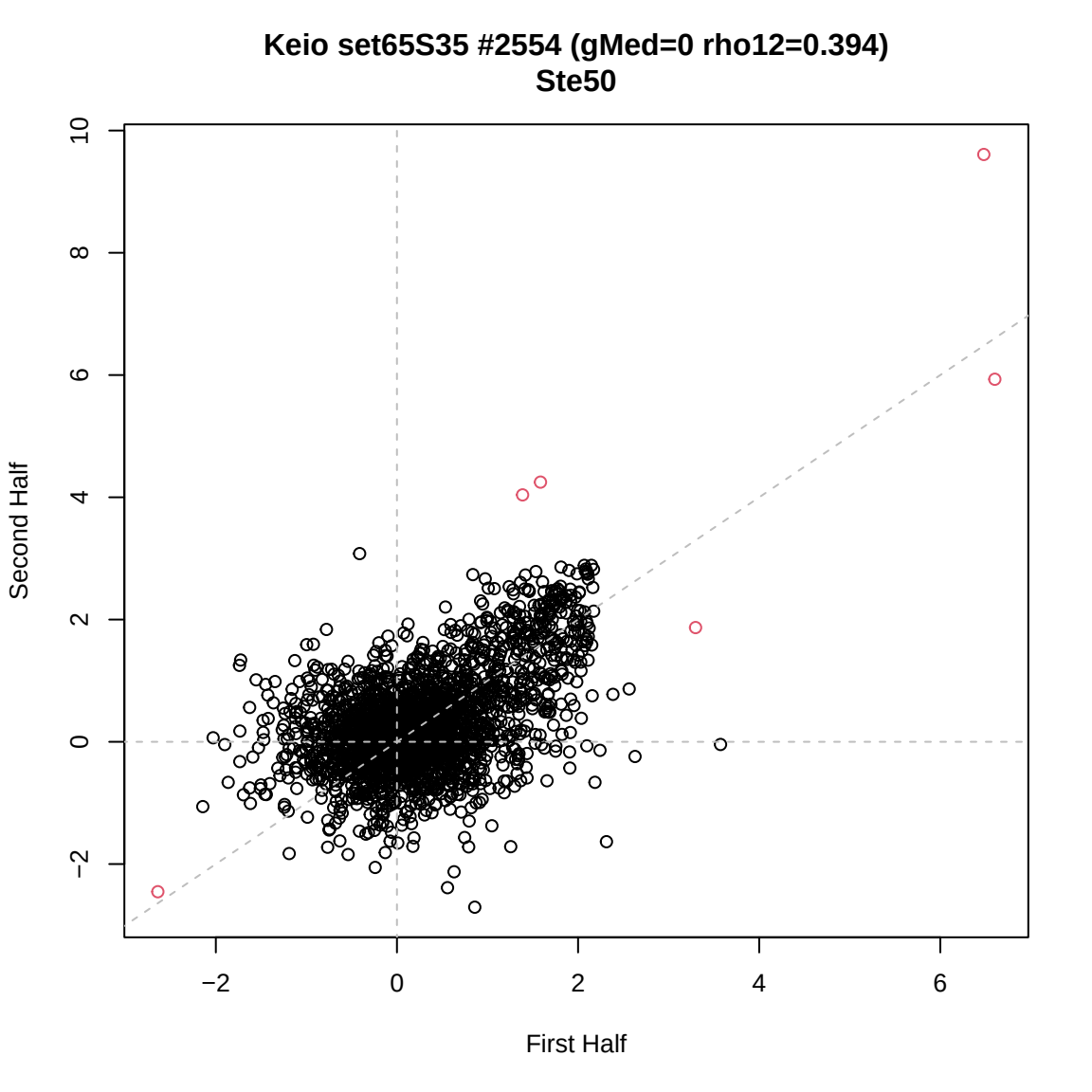

Keio set65S30 #2549 (gMed=0 rho12=0.448)
Ste24
Second Half
First Half
0
5
10
0
5
10

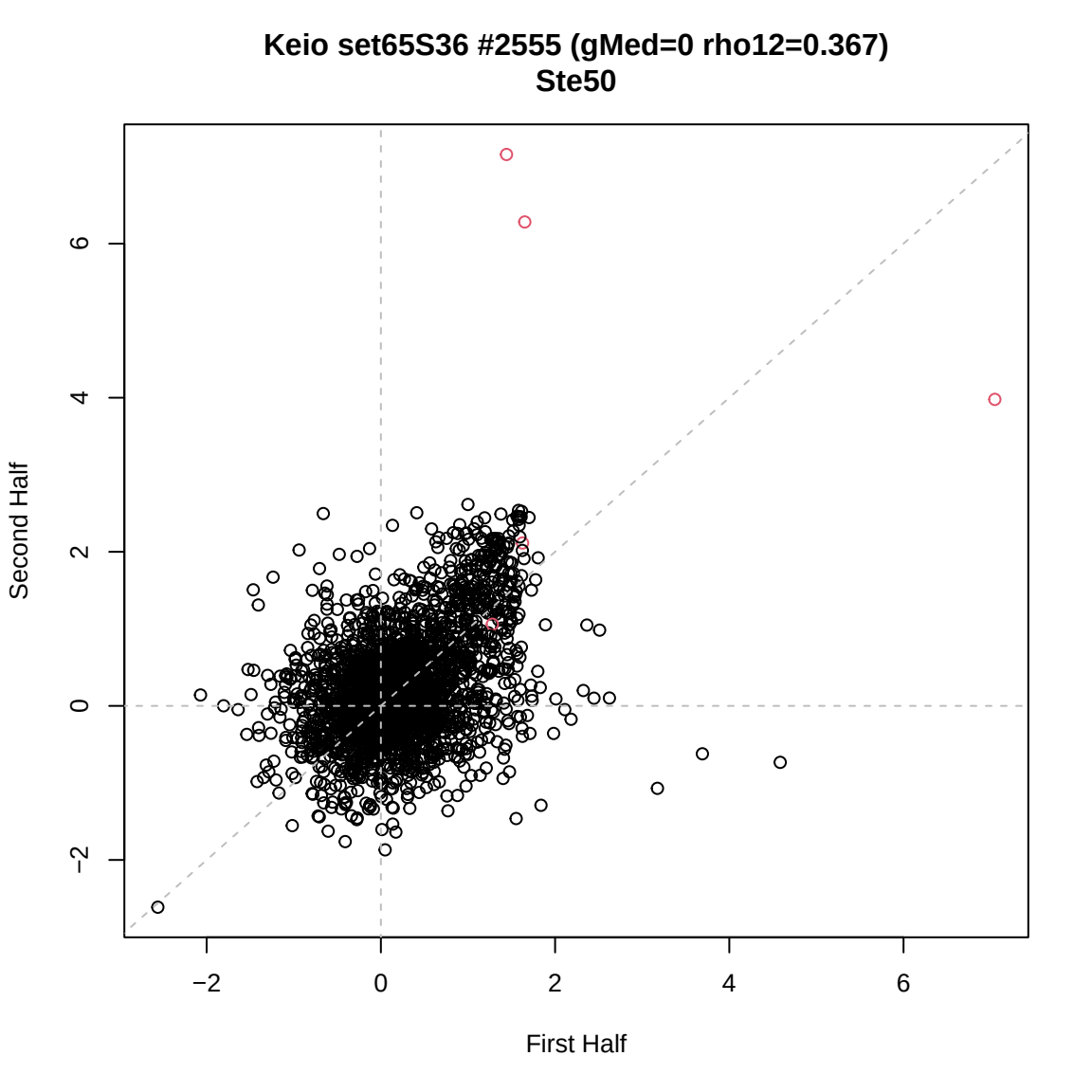

Keio set65S31 #2550 (gMed=0 rho12=0.430)
Ste32
Second Half
First Half
0
5
10
0
5
10

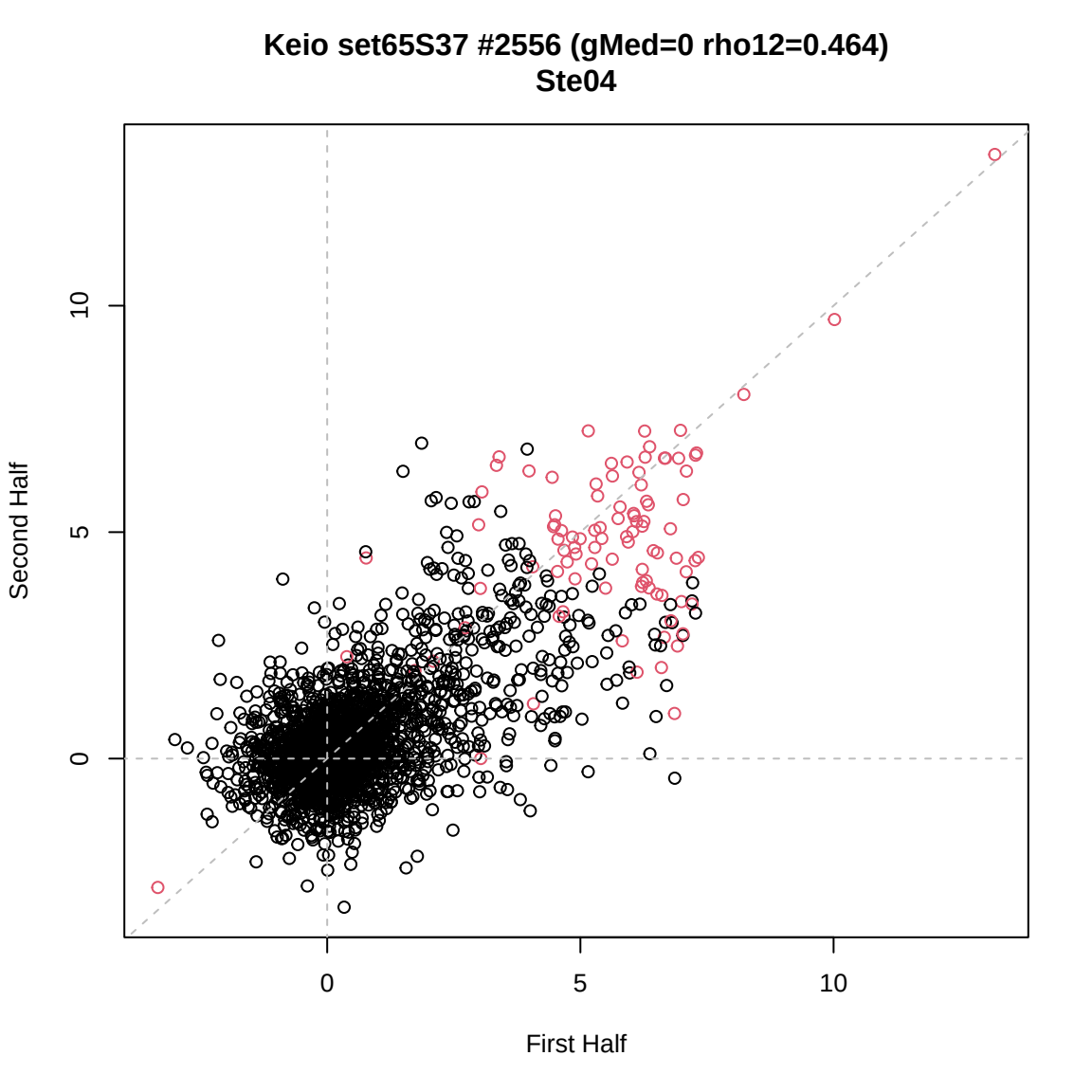

Keio set65S32 #2551 (gMed=1 rho12=0.417)
Ste32
Second Half
First Half
0
5
10
0
5
10

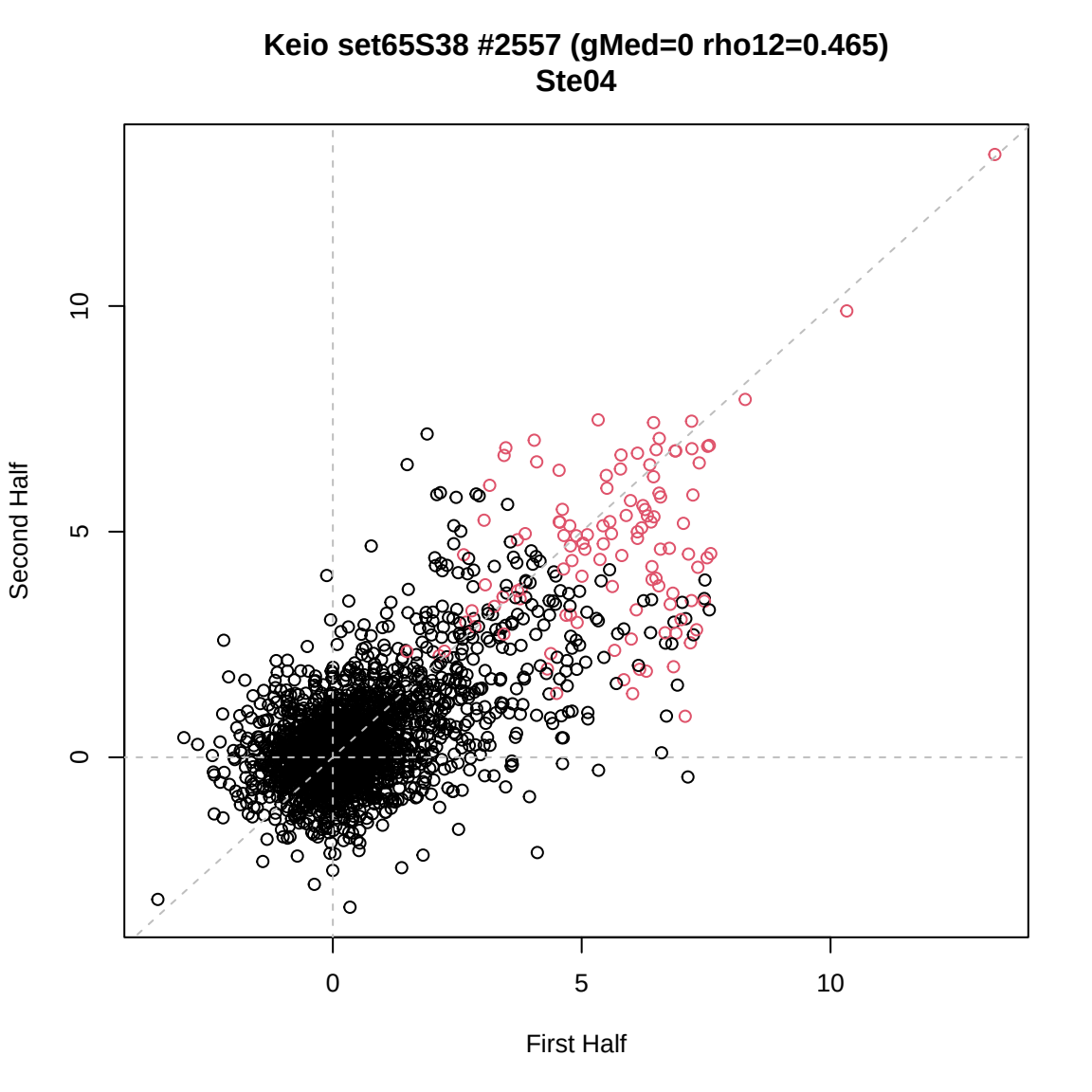

Keio set65S33 #2552 (gMed=0 rho12=0.445)
Ste42
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

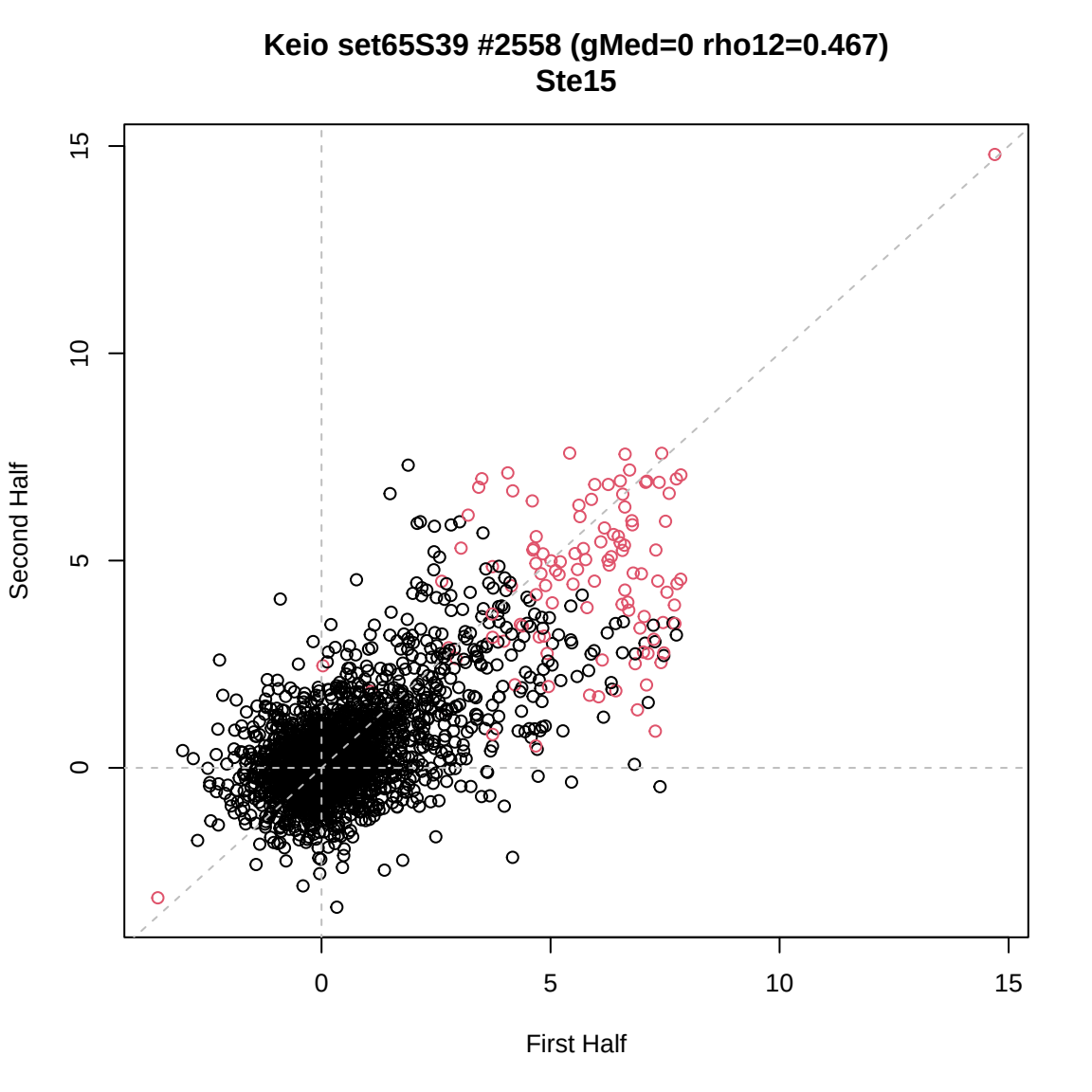

Keio set65S34 #2553 (gMed=0 rho12=0.446)
Ste42
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

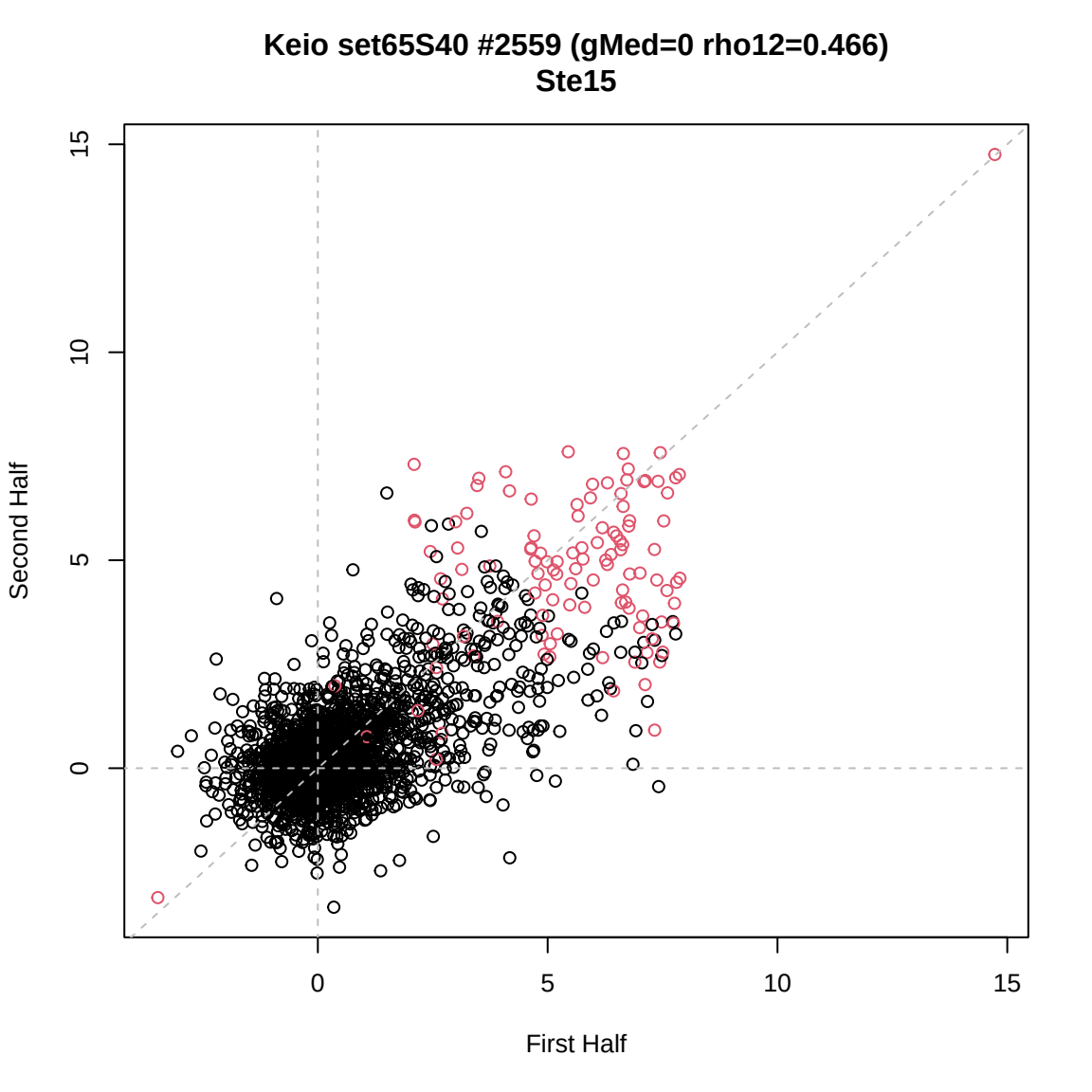

Keio set65S35 #2554 (gMed=0 rho12=0.394)
Ste50
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6

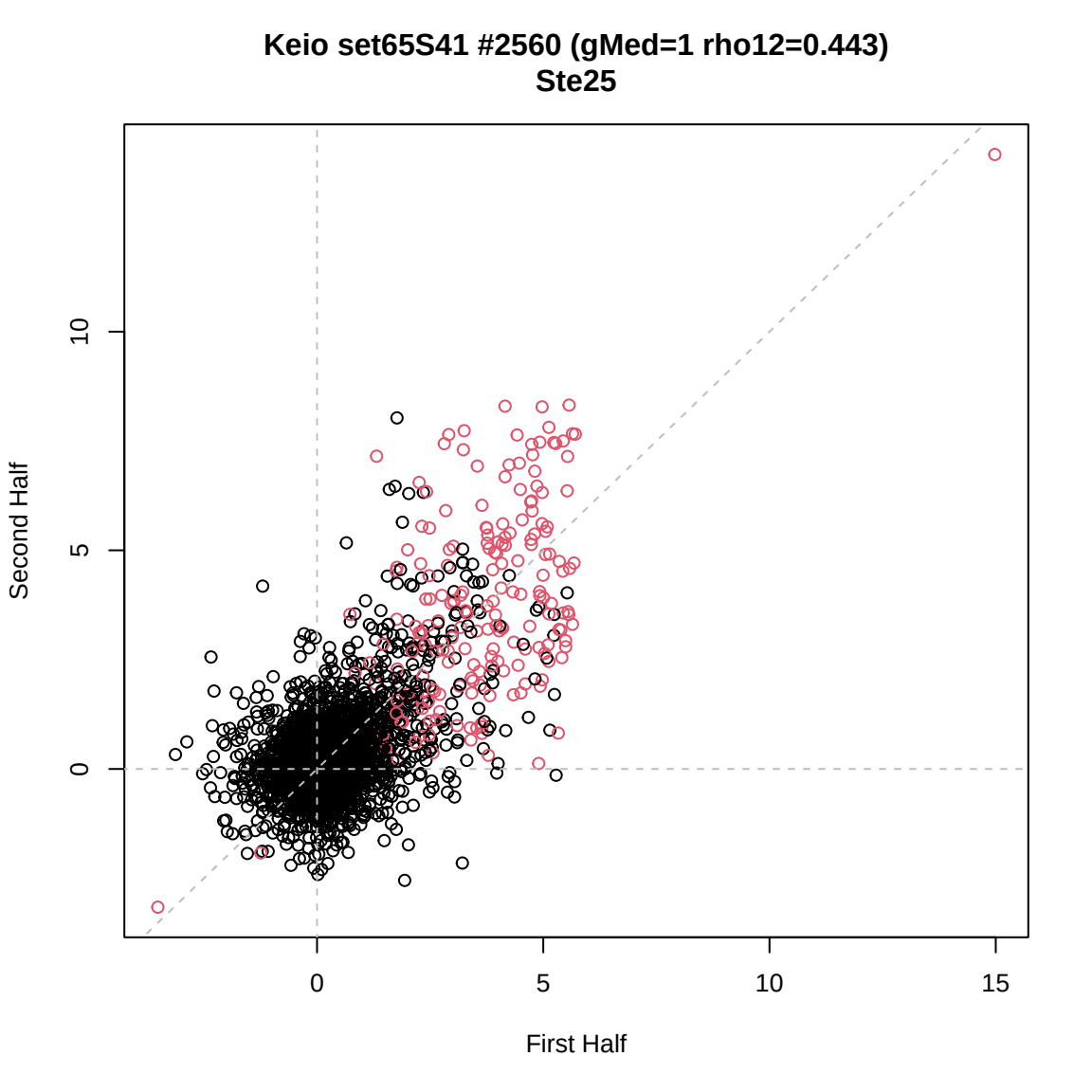

Keio set65S36 #2555 (gMed=0 rho12=0.367)
Ste50
Second Half
First Half
−2
0
2
4
6

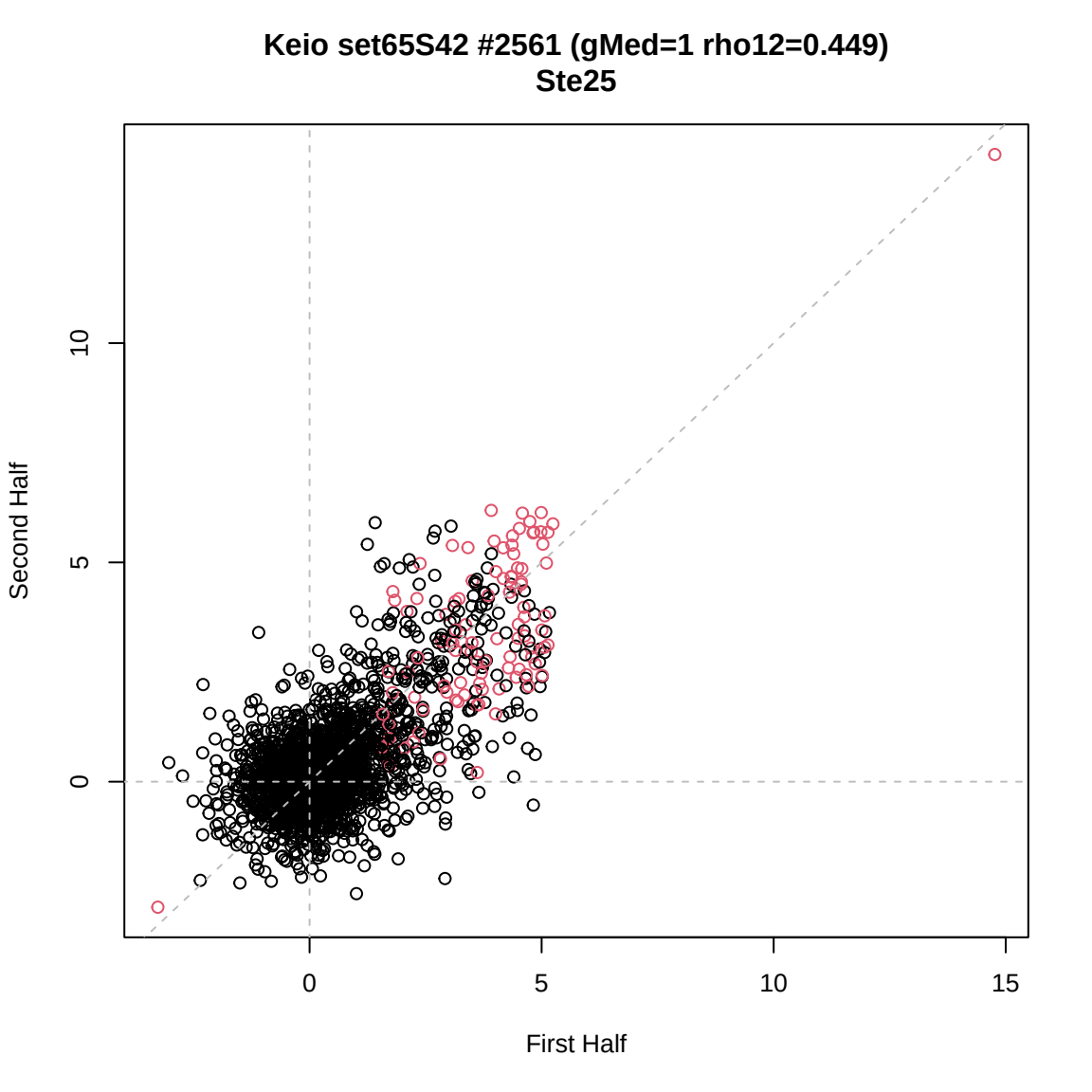

Keio set65S37 #2556 (gMed=0 rho12=0.464)
Ste04
Second Half
First Half
0
5
10
0
5
10

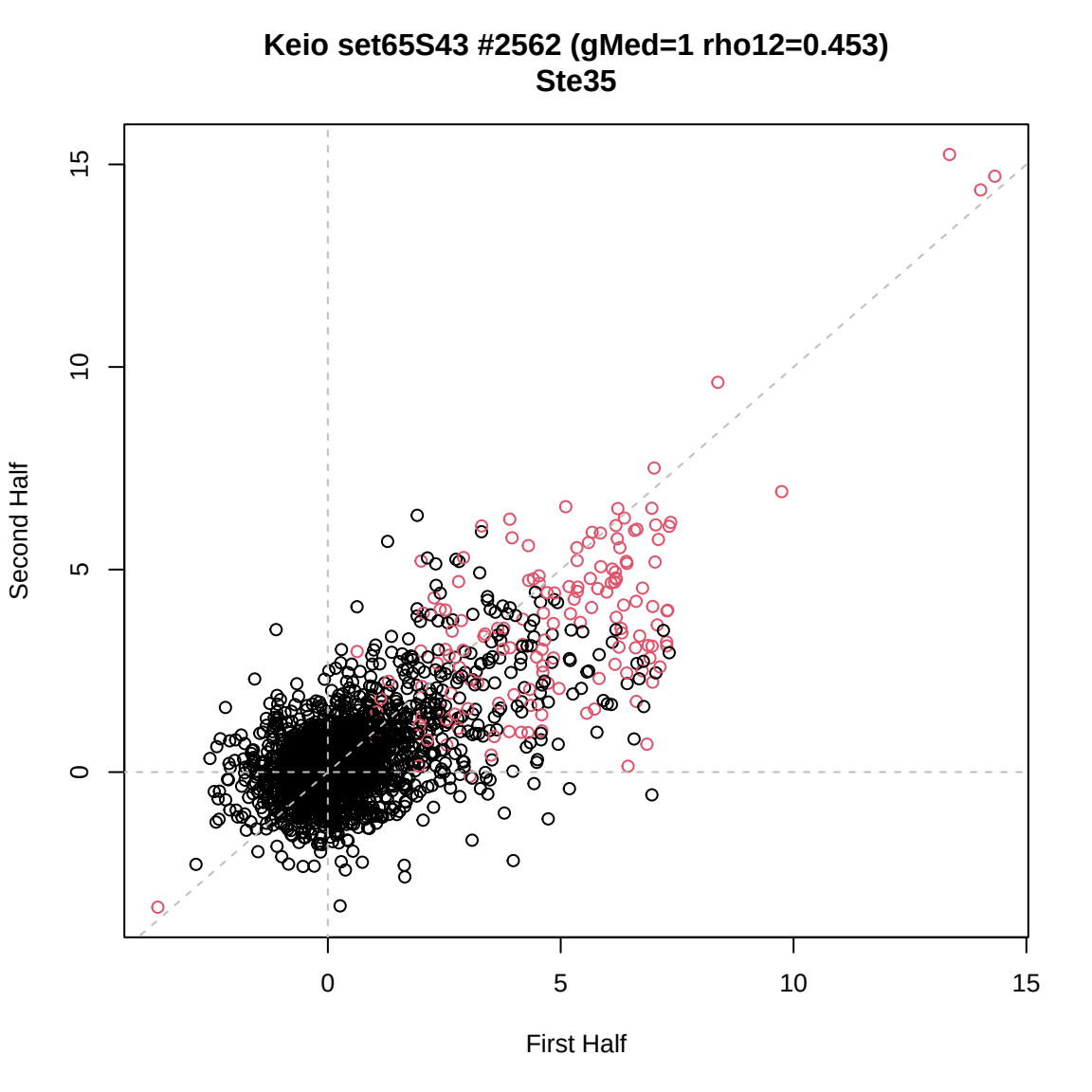

Keio set65S38 #2557 (gMed=0 rho12=0.465)
Ste04
Second Half
First Half
0
5
10
0
5
10

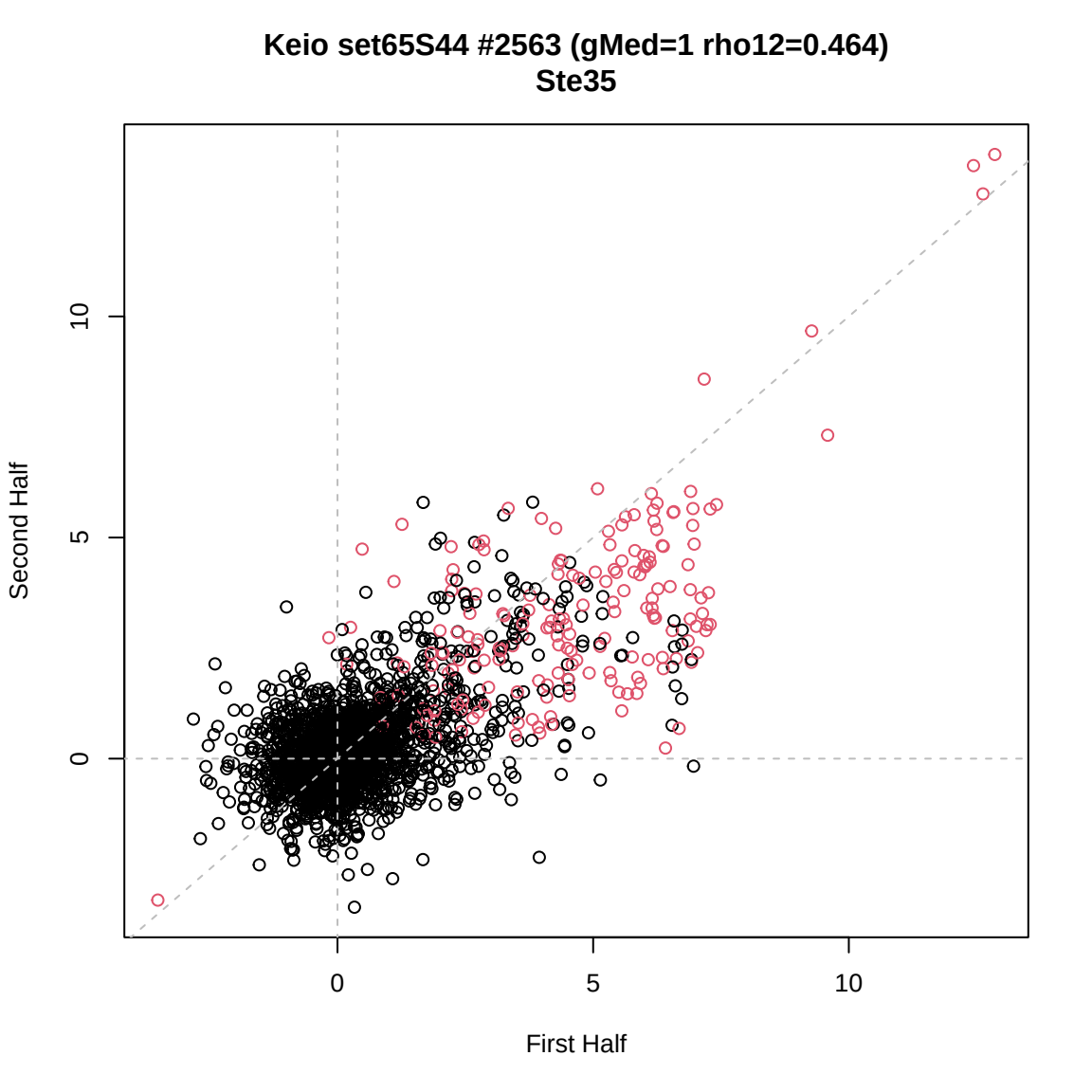

Keio set65S39 #2558 (gMed=0 rho12=0.467)
Ste15
Second Half
First Half
0
5
10
15

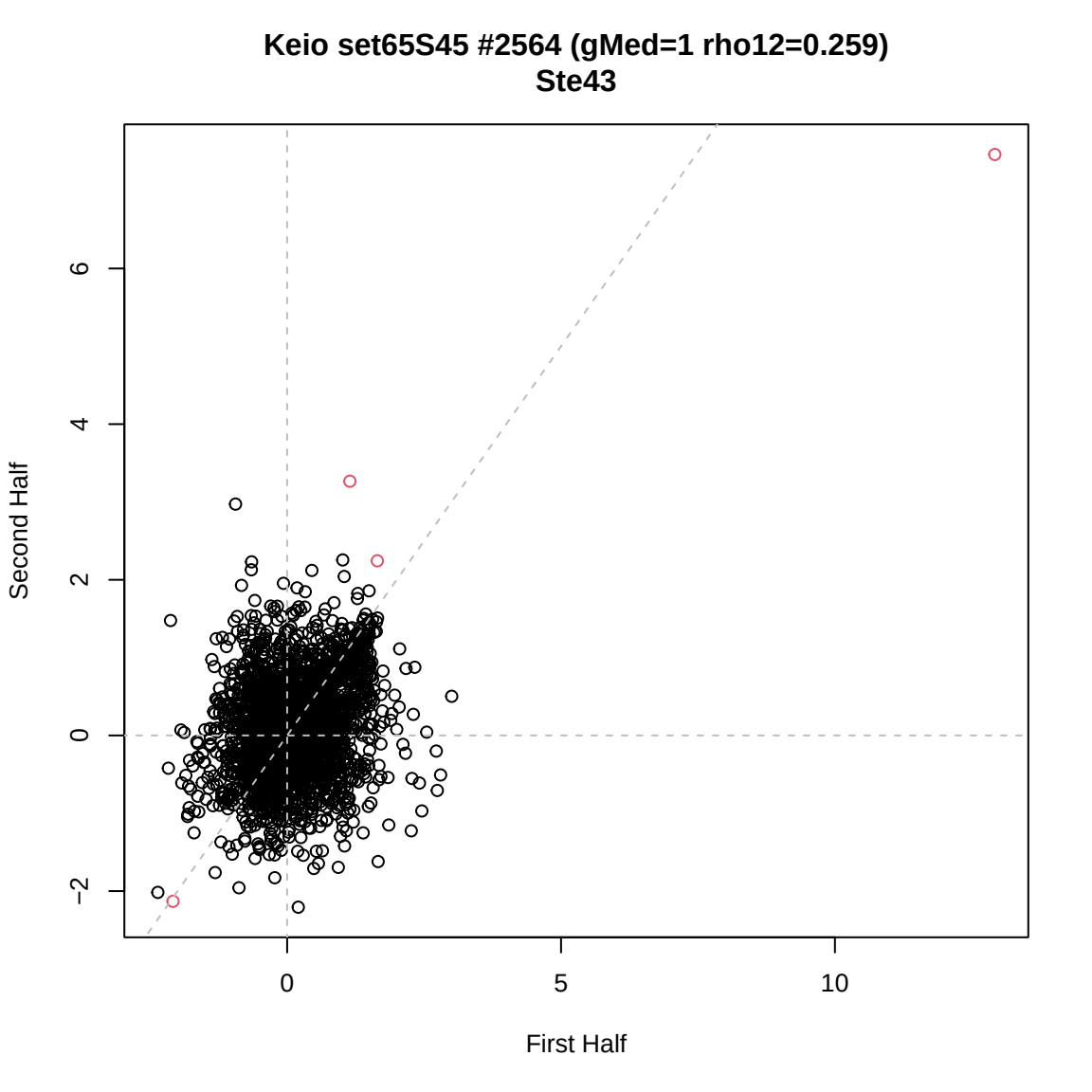

Keio set65S40 #2559 (gMed=0 rho12=0.466)
Ste15
Second Half
First Half
0
5
10
15

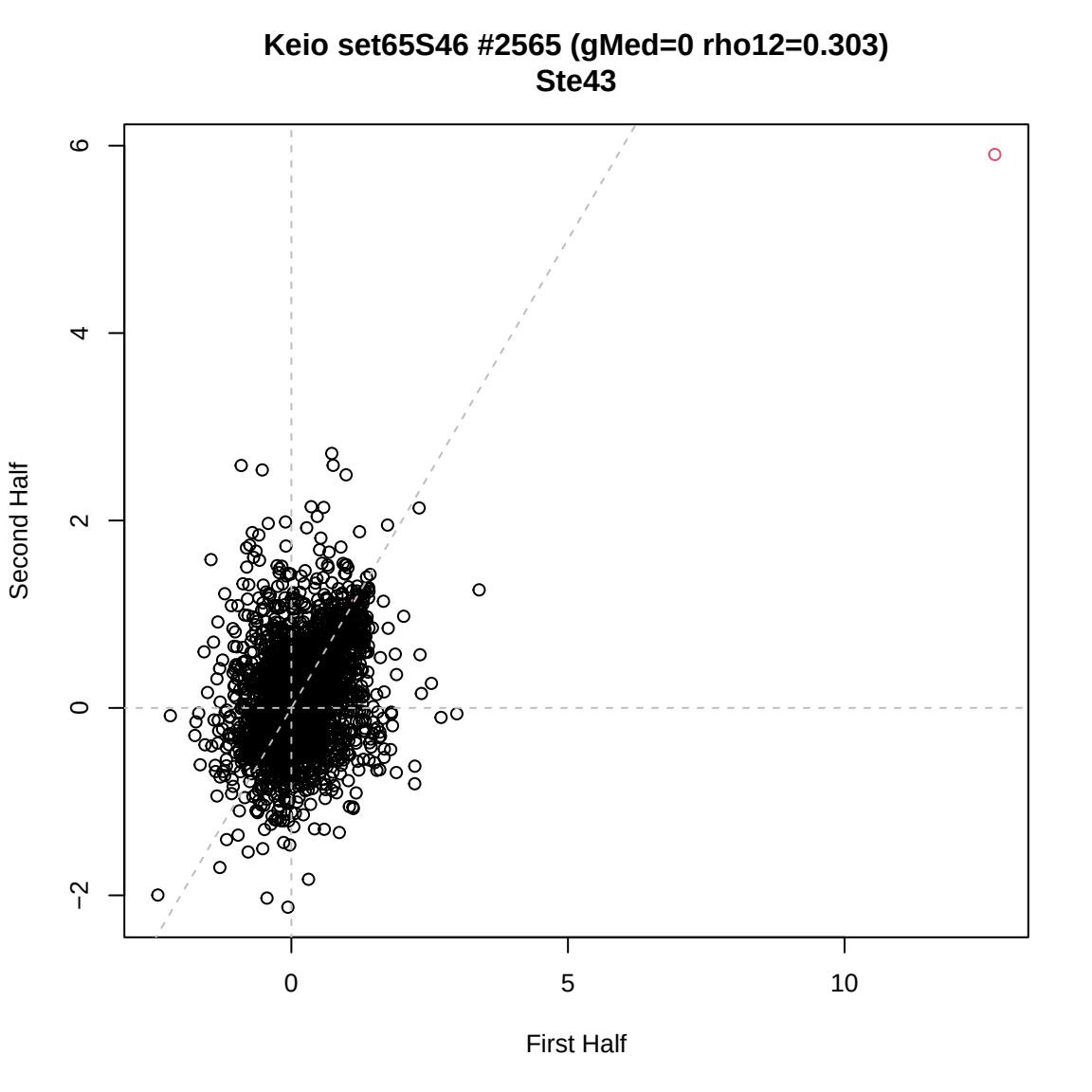

Keio set65S41 #2560 (gMed=1 rho12=0.443)
Ste25
Second Half
First Half
0
5
10
0
5
10
15

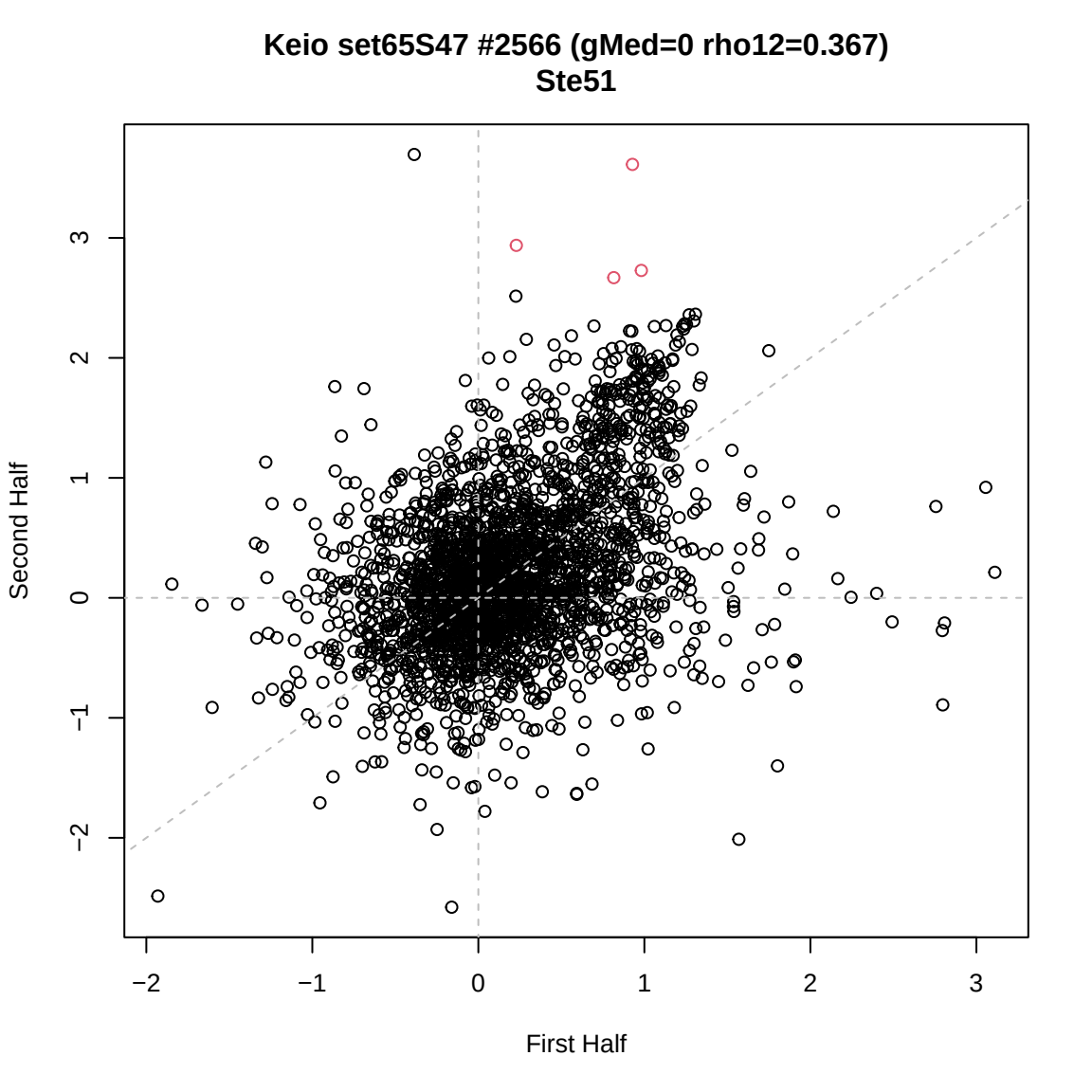

Keio set65S42 #2561 (gMed=1 rho12=0.449)
Ste25
Second Half
First Half
0
5
10
0
5
10
15

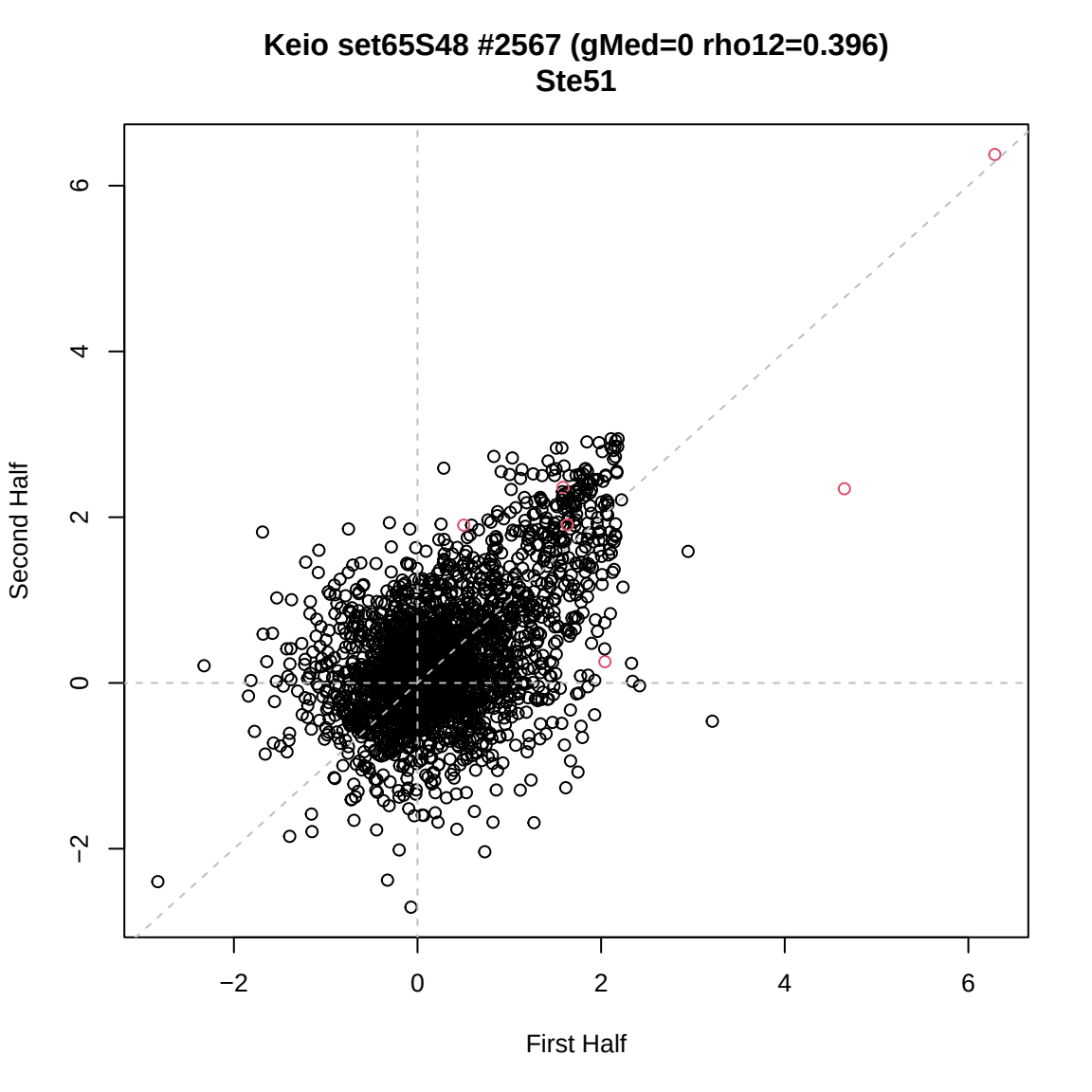

Keio set65S43 #2562 (gMed=1 rho12=0.453)
Ste35
Second Half
First Half
0
5
10
15

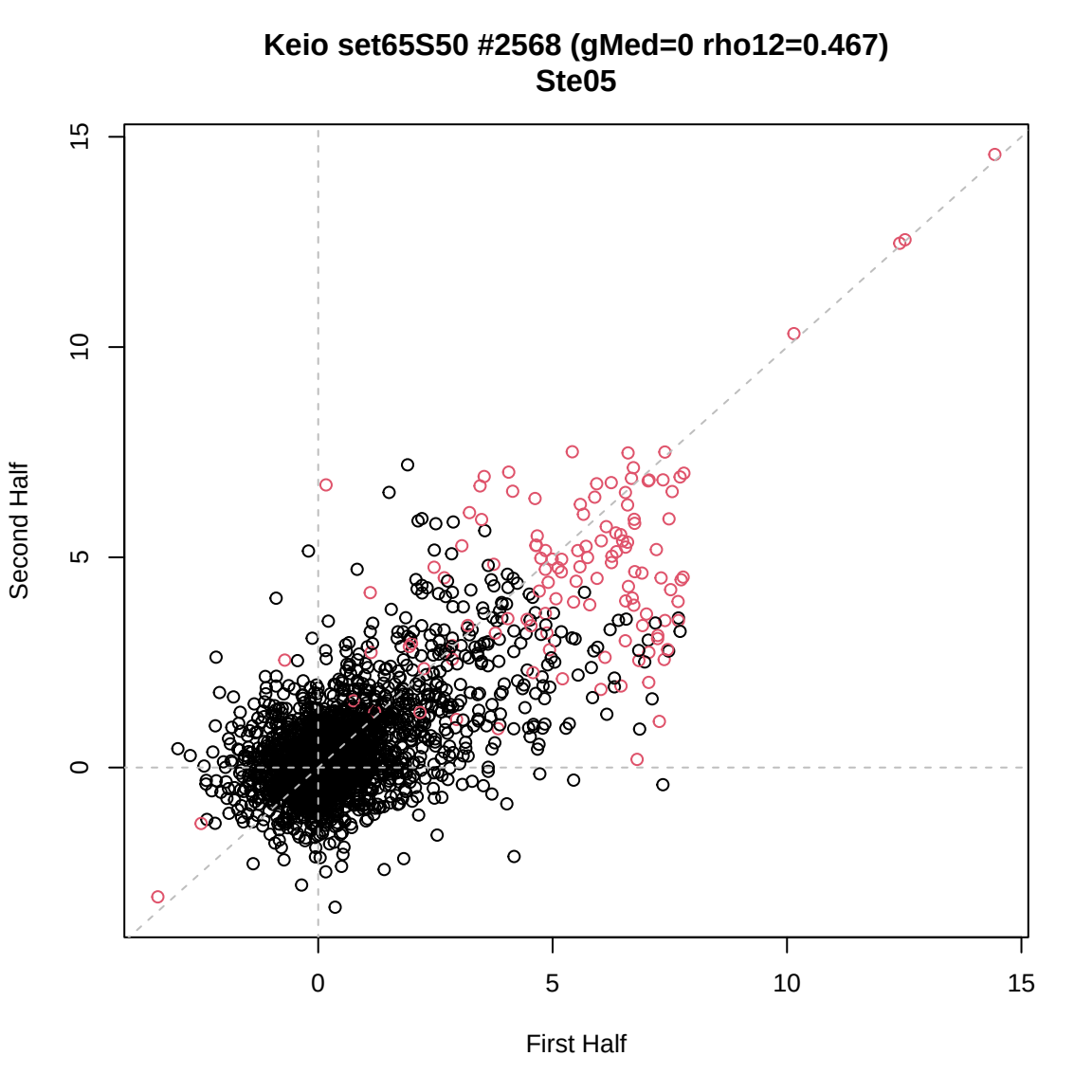

Keio set65S44 #2563 (gMed=1 rho12=0.464)
Ste35
Second Half
First Half
0
5
10
0
5
10

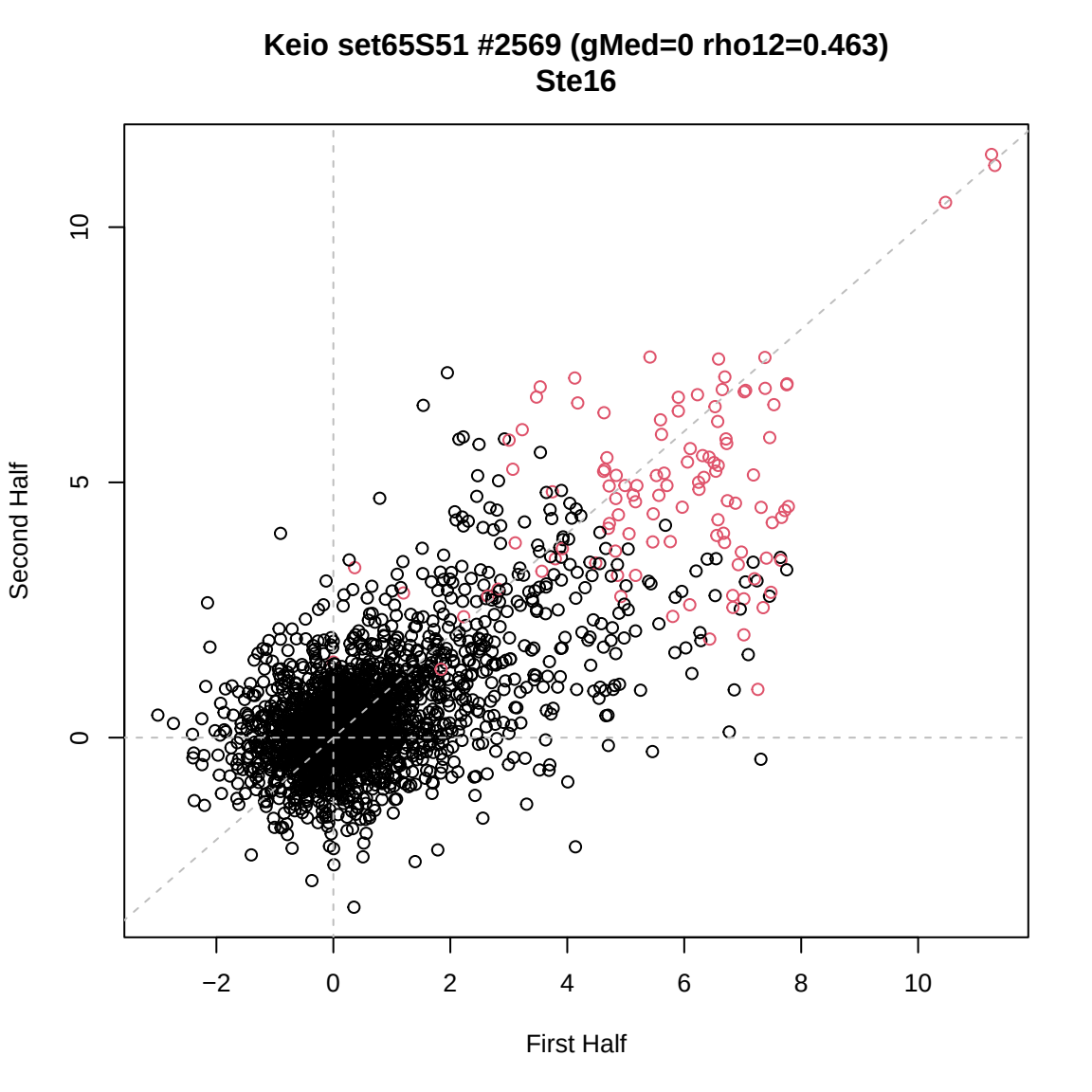

Keio set65S45 #2564 (gMed=1 rho12=0.259)
Ste43
Second Half
First Half
6
4
2
0
−2
0
5
10

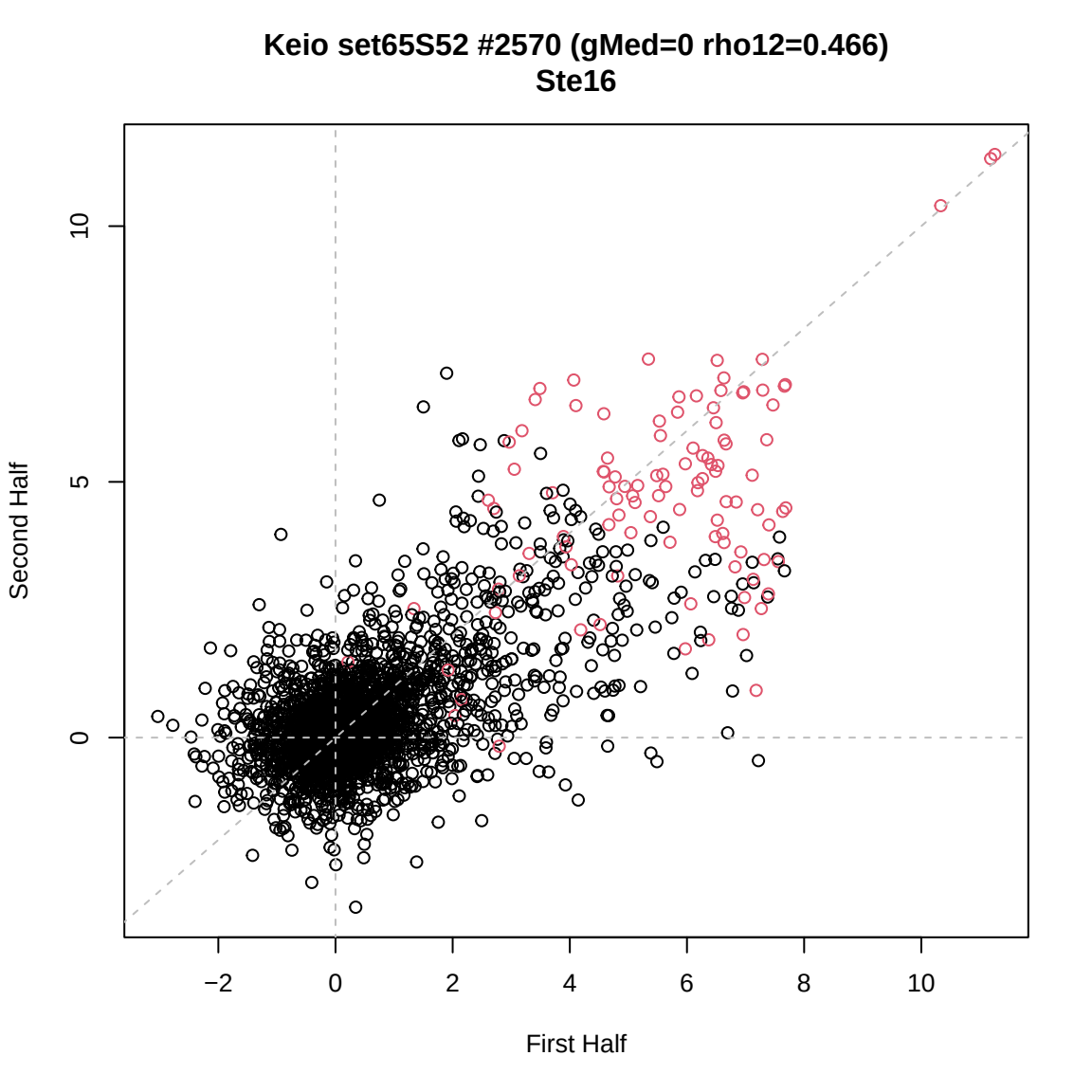

Keio set65S46 #2565 (gMed=0 rho12=0.303)
Ste43
Second Half
First Half
6
4
2
0
−2
0
5
10

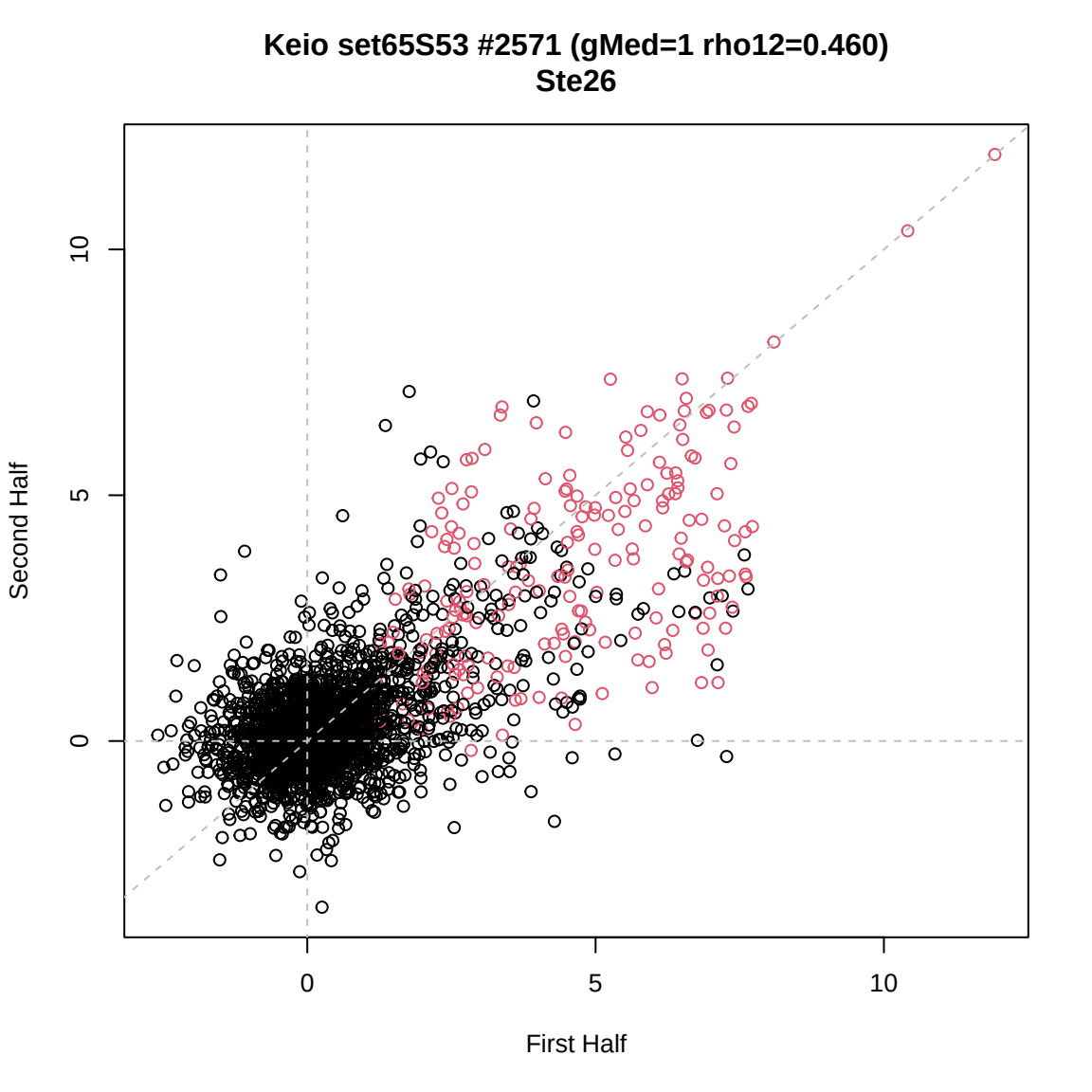

Keio set65S47 #2566 (gMed=0 rho12=0.367)
Ste51
Second Half
First Half
−2
−1
0
1
2
3

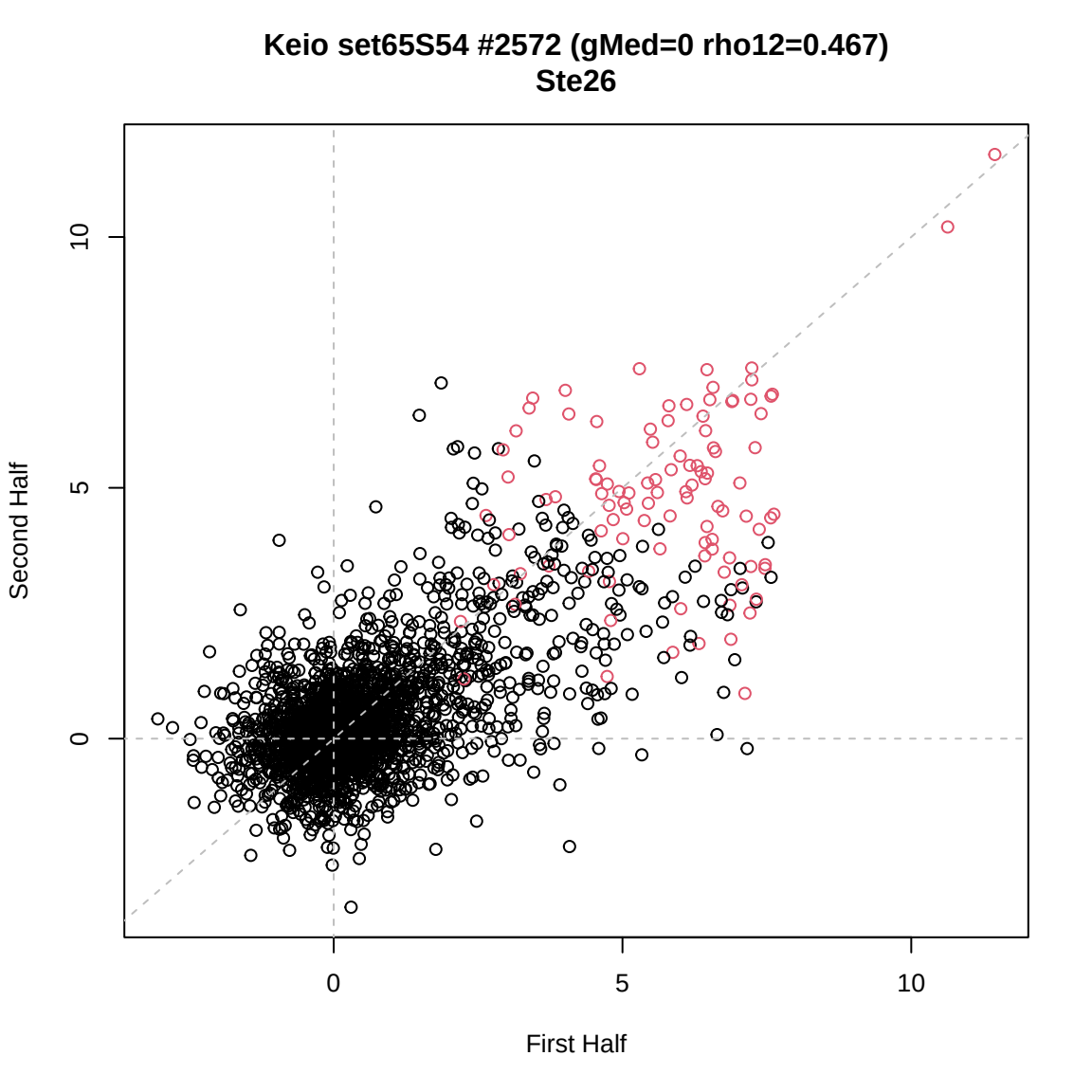

Keio set65S48 #2567 (gMed=0 rho12=0.396)
Ste51
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

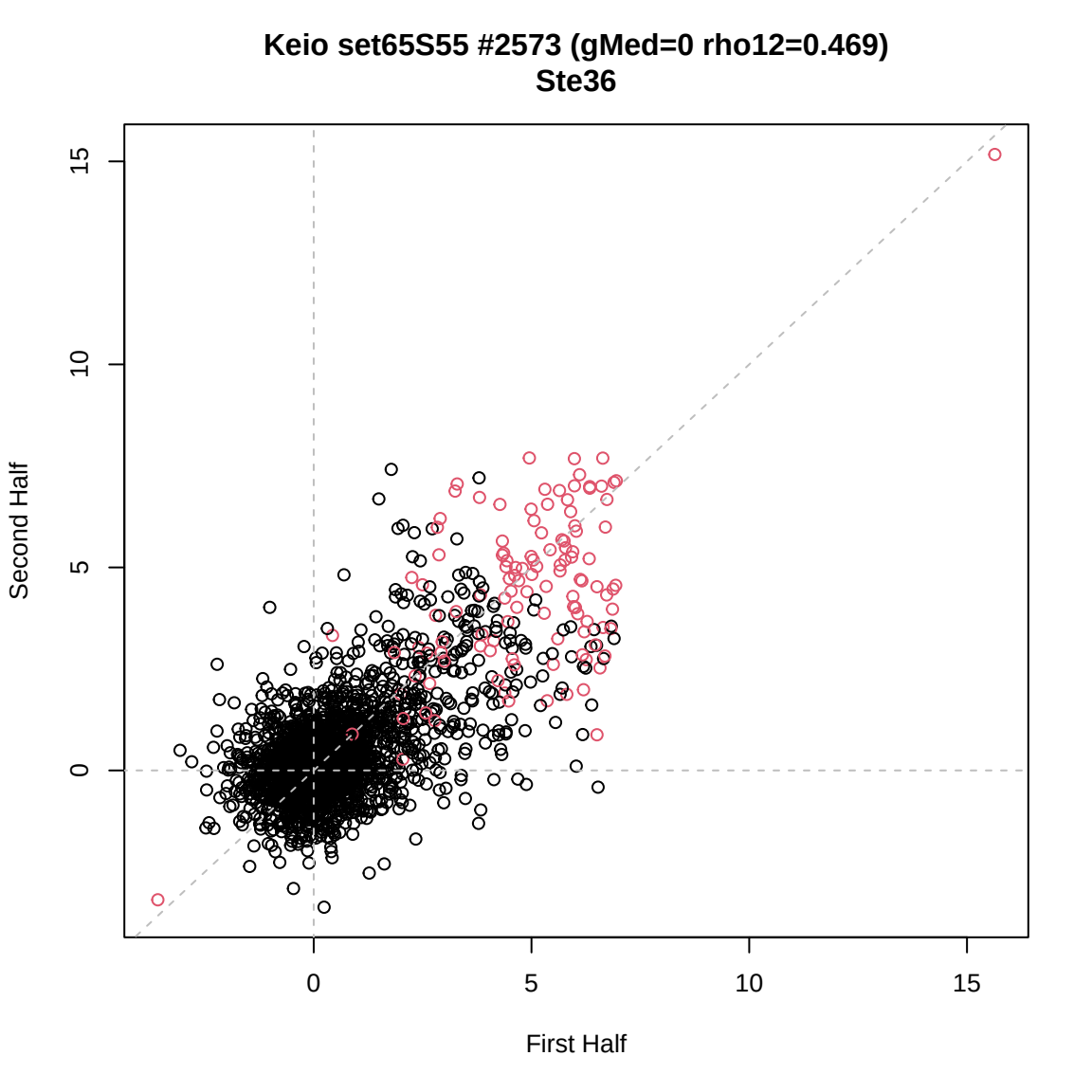

Keio set65S50 #2568 (gMed=0 rho12=0.467)
Ste05
Second Half
First Half
0
5
10
15

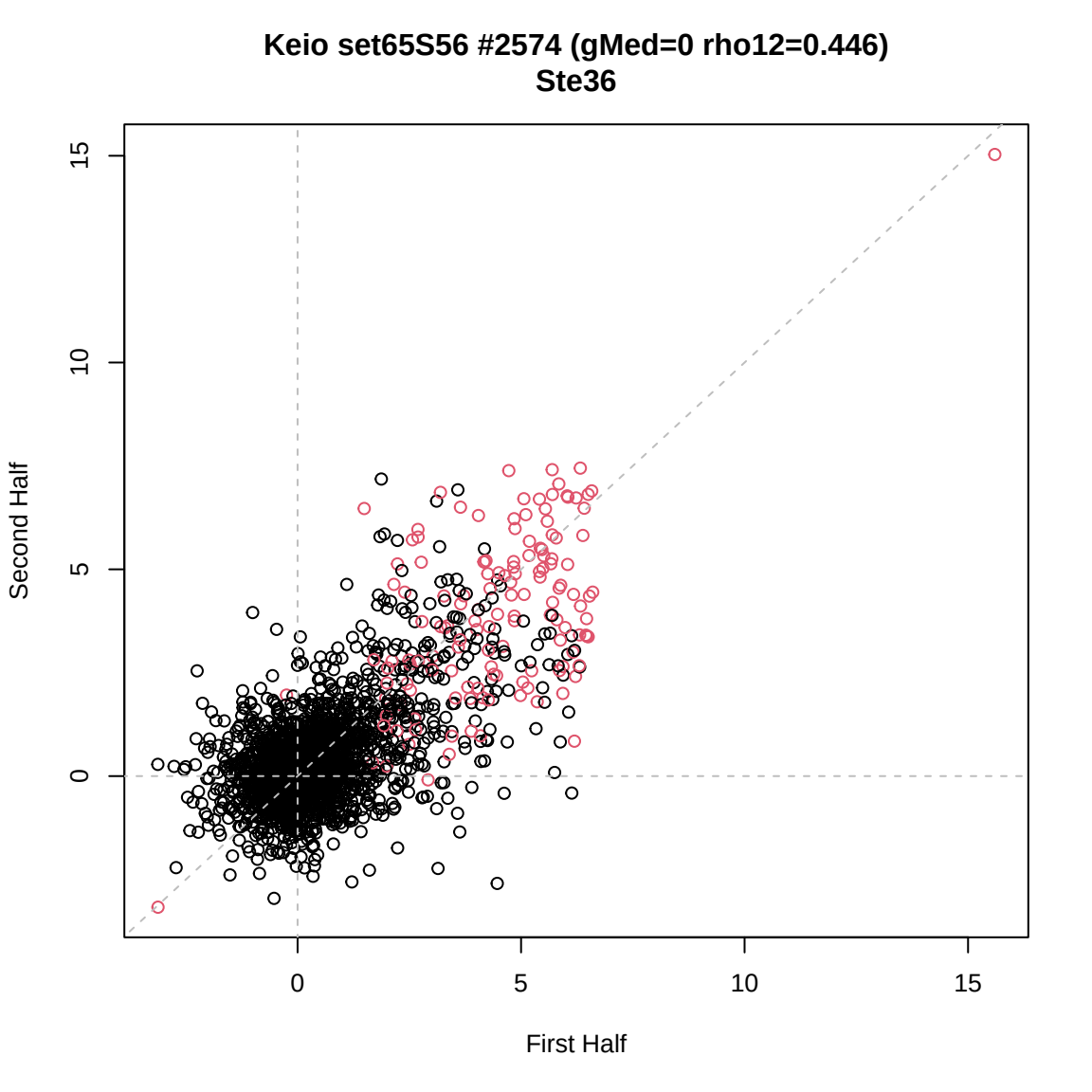

Keio set65S51 #2569 (gMed=0 rho12=0.463)
Ste16
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

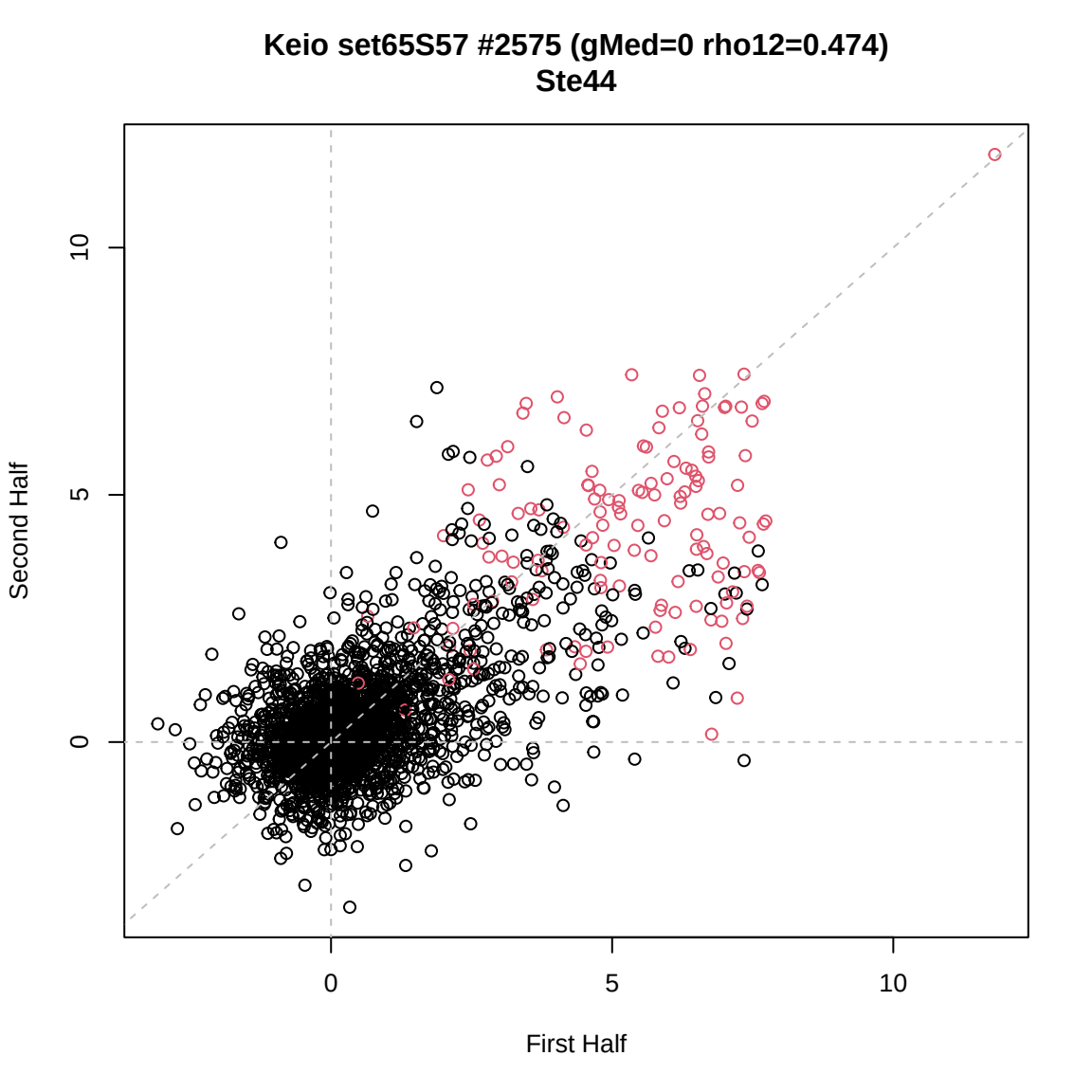

Keio set65S52 #2570 (gMed=0 rho12=0.466)
Ste16
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

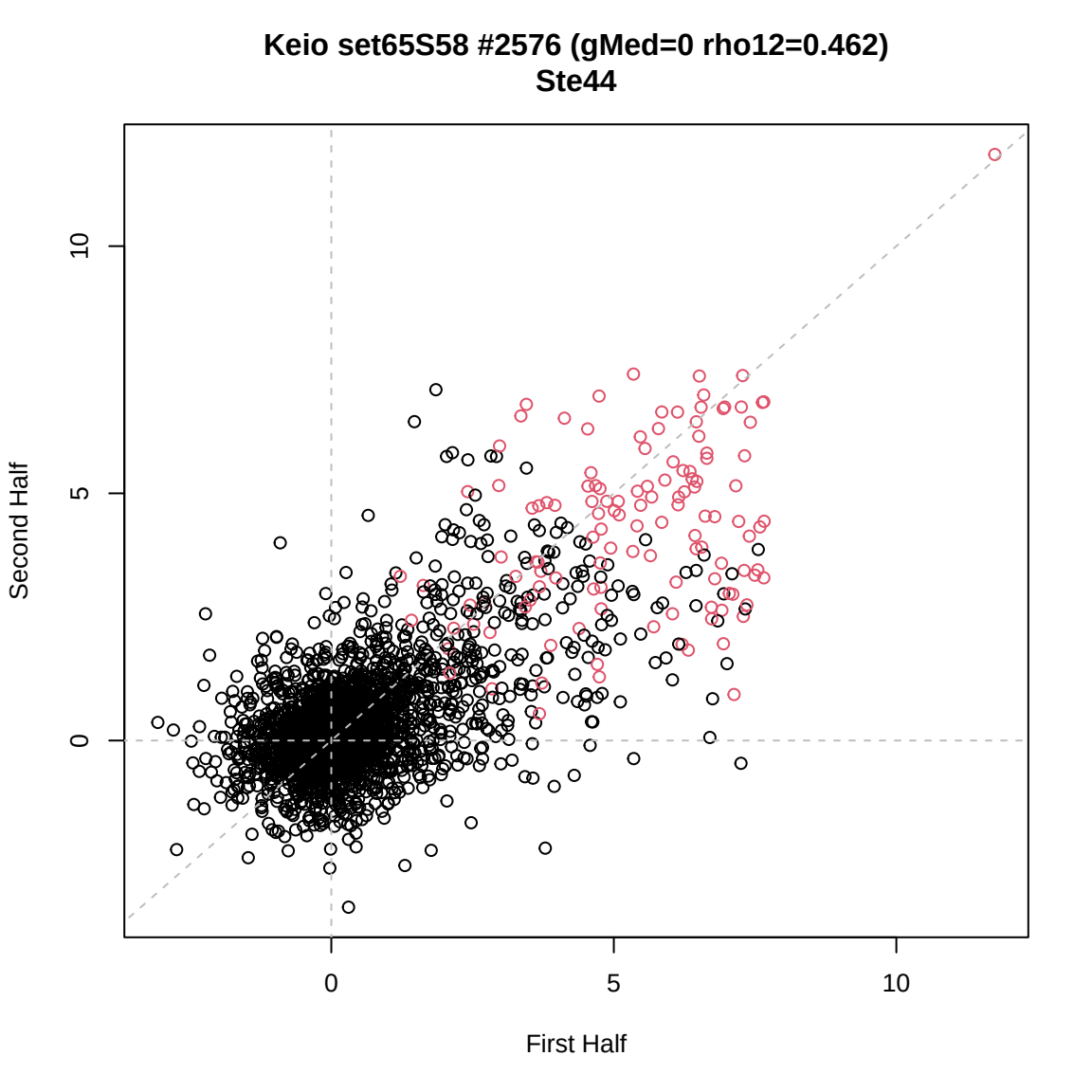

Keio set65S53 #2571 (gMed=1 rho12=0.460)
Ste26
Second Half
First Half
0
5
10
0
5
10

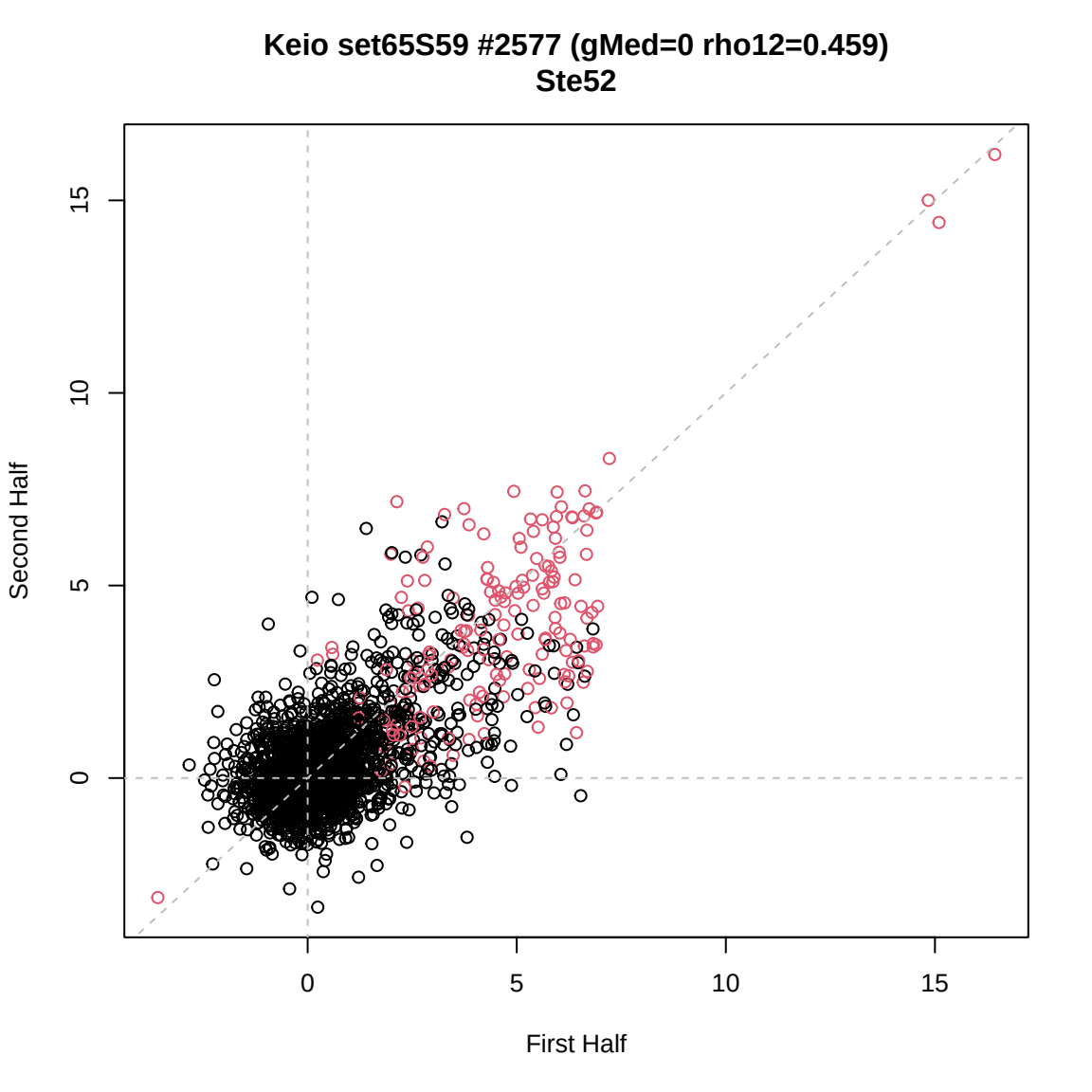

Keio set65S54 #2572 (gMed=0 rho12=0.467)
Ste26
Second Half
First Half
0
5
10
0
5
10

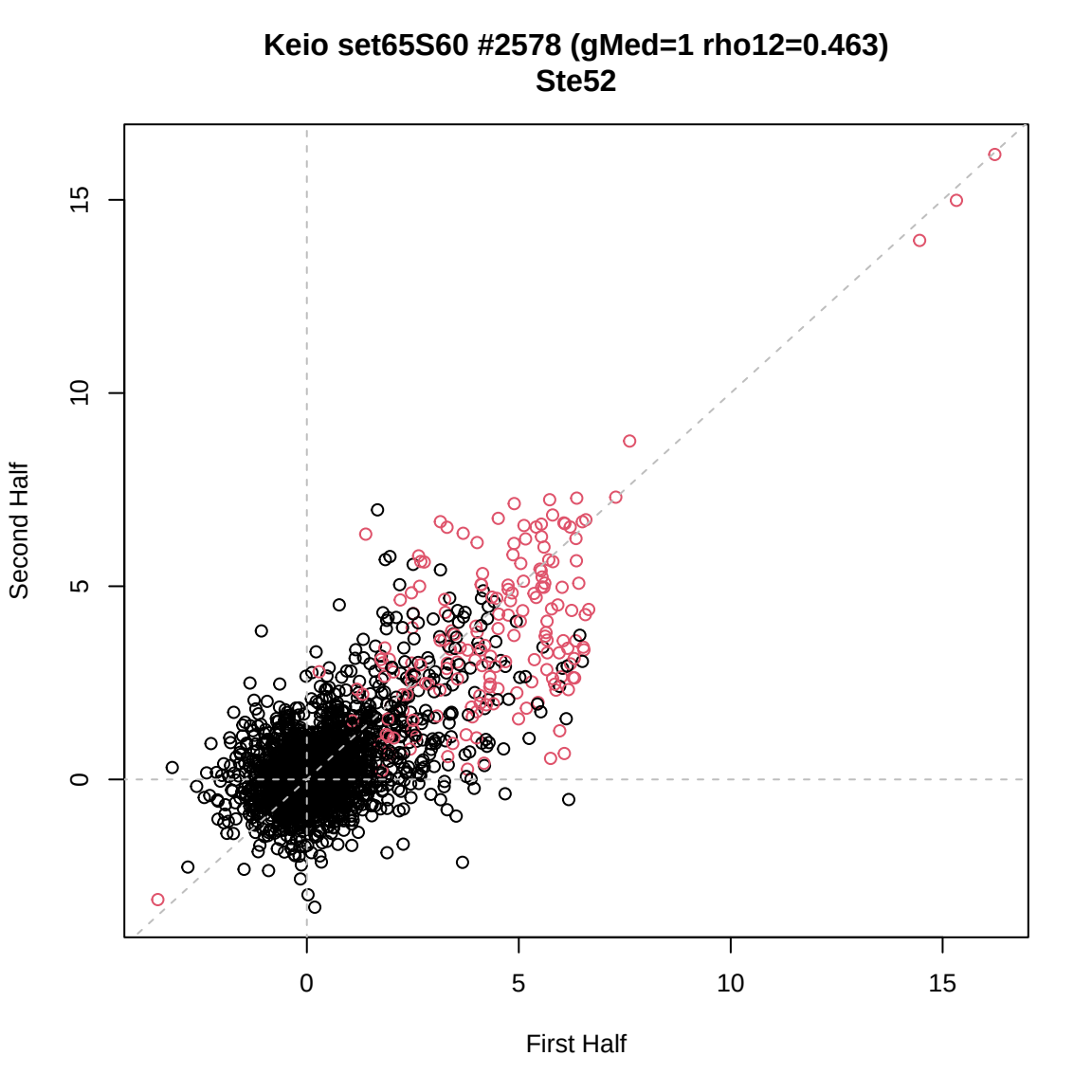

Keio set65S55 #2573 (gMed=0 rho12=0.469)
Ste36
Second Half
First Half
0
5
10
15
0
5
10
15

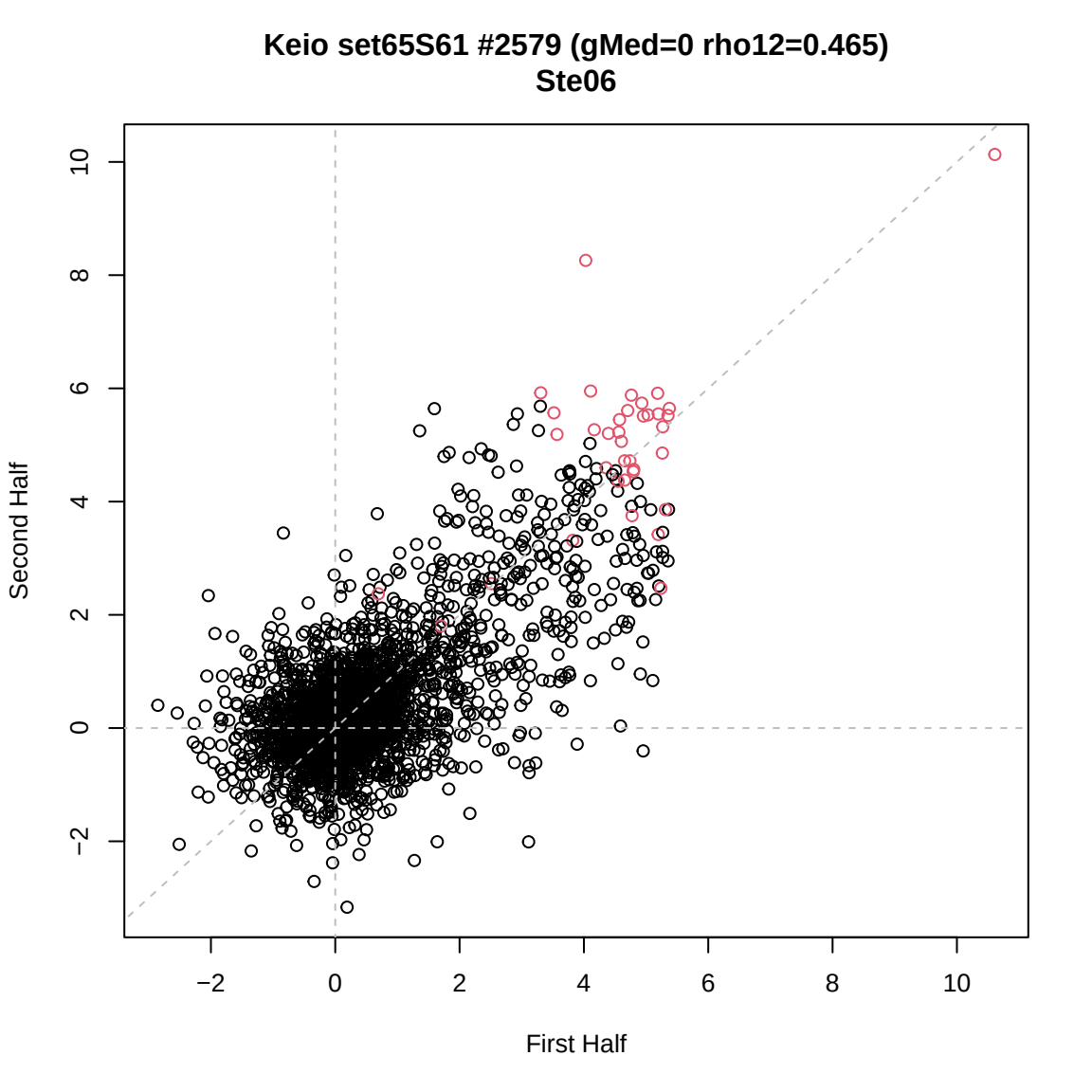

Keio set65S56 #2574 (gMed=0 rho12=0.446)
Ste36
Second Half
First Half
15
10
5
0
0
5
10
15

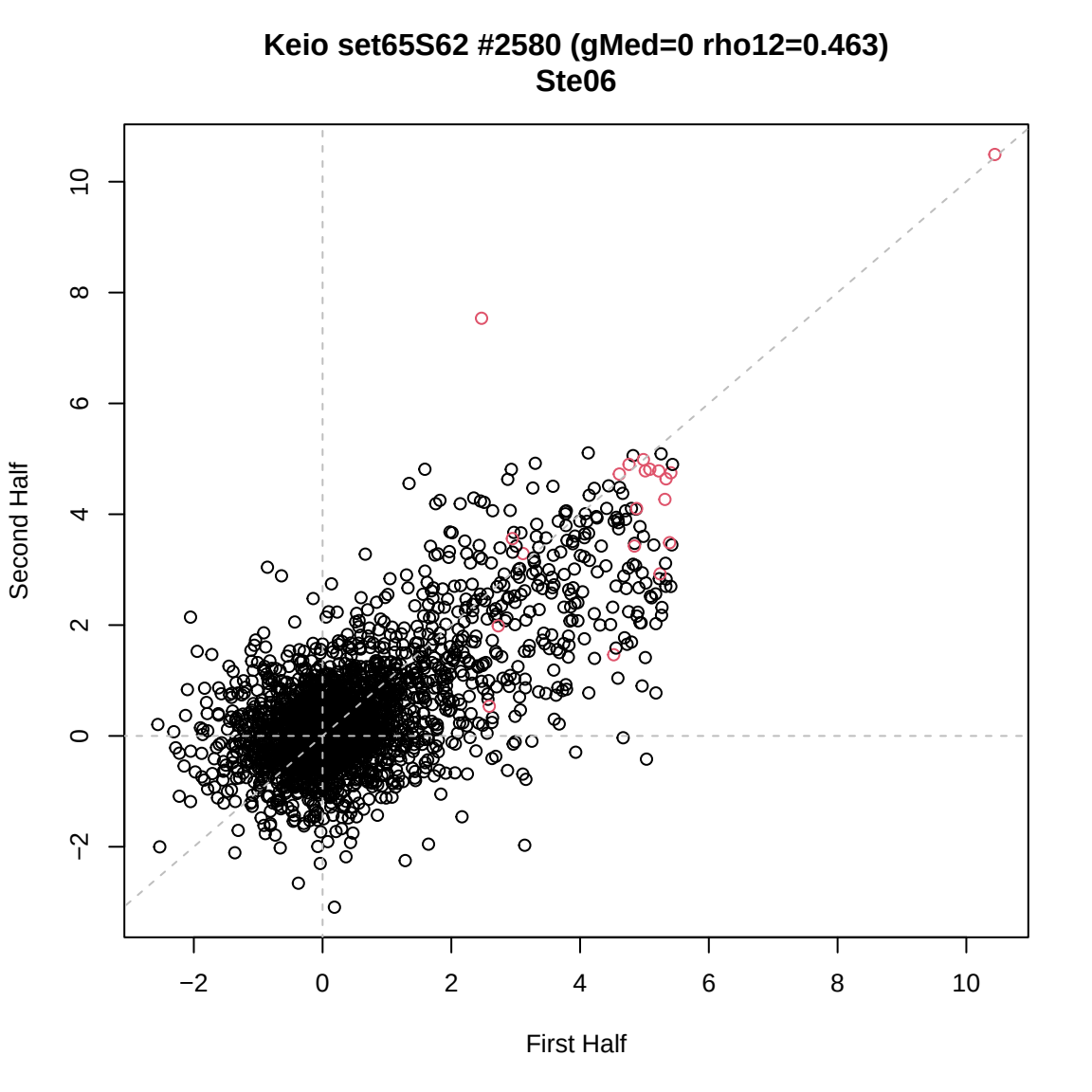

Keio set65S57 #2575 (gMed=0 rho12=0.474)
Ste44
Second Half
First Half
0
5
10
0
5
10

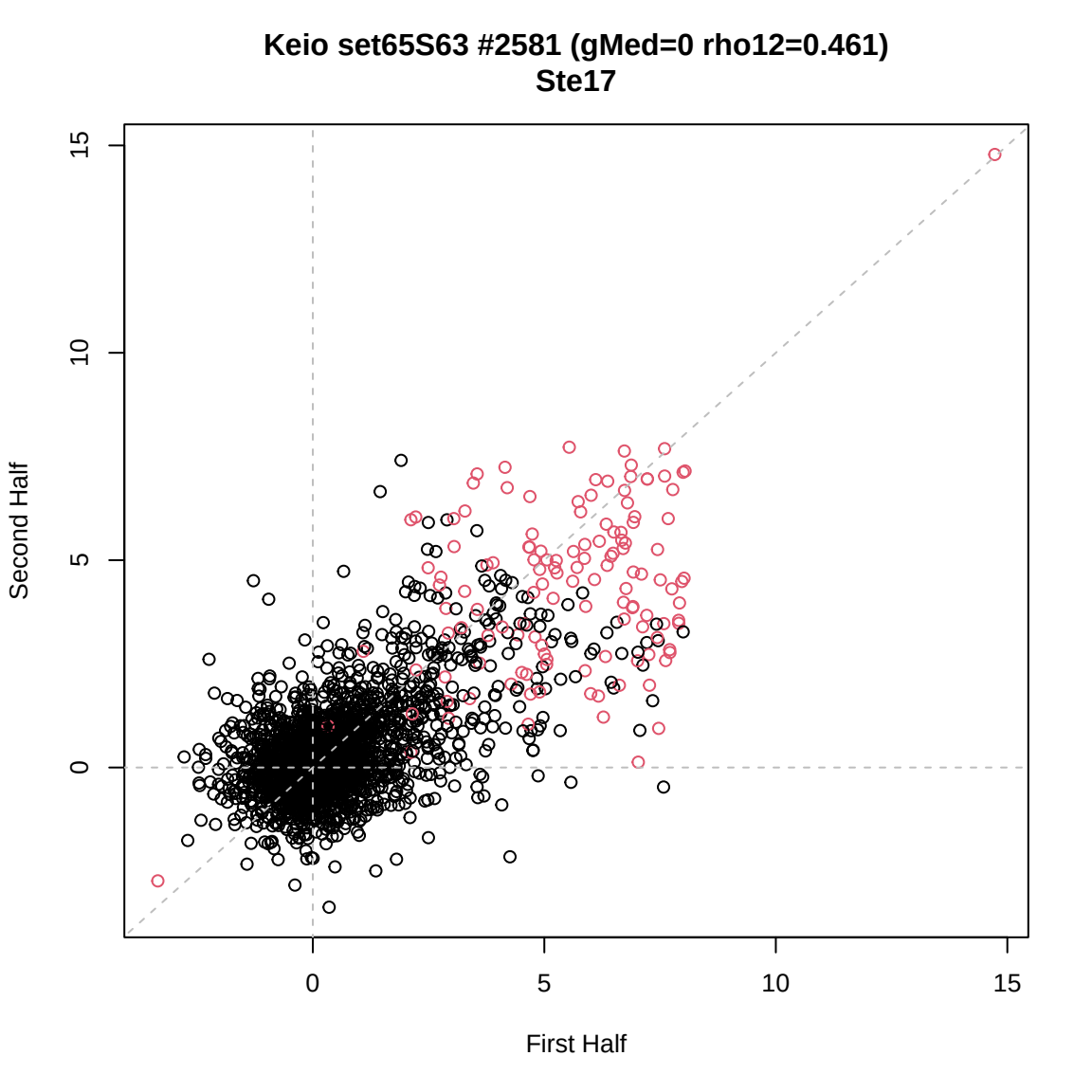

Keio set65S58 #2576 (gMed=0 rho12=0.462)
Ste44
Second Half
First Half
0
5
10
0
5
10

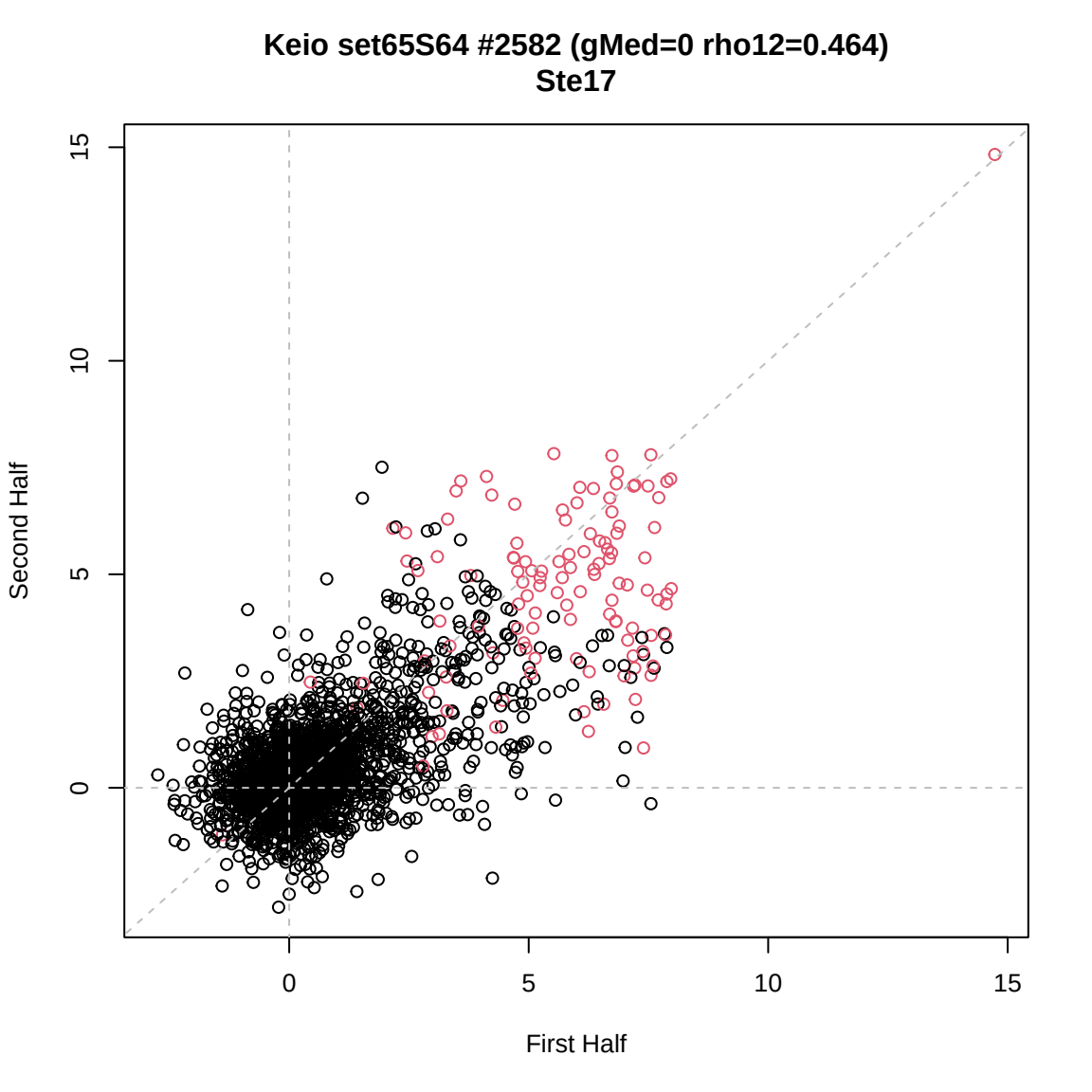

Keio set65S59 #2577 (gMed=0 rho12=0.459)
Ste52
Second Half
First Half
0
5
10
15
0
5
10
15

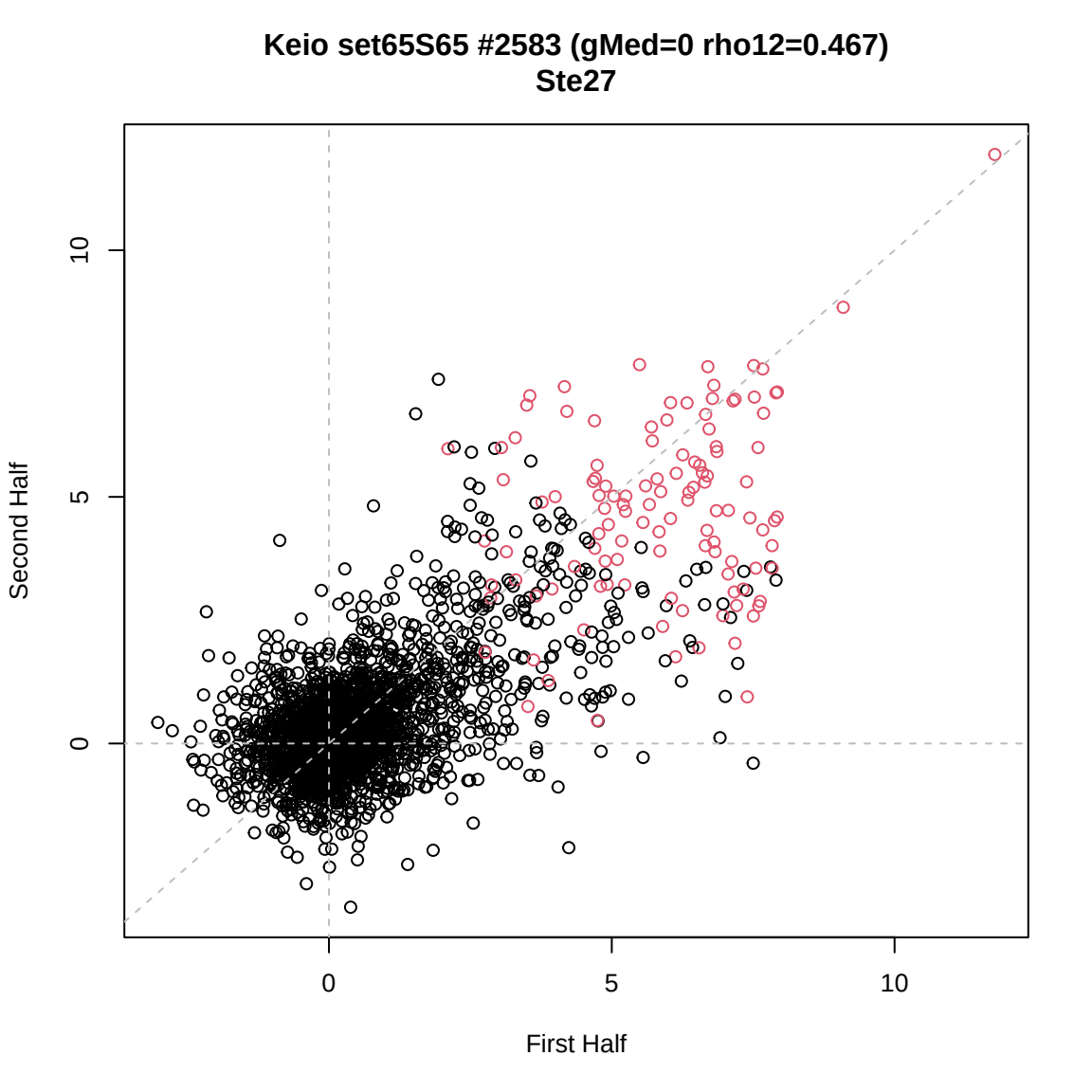

Keio set65S60 #2578 (gMed=1 rho12=0.463)
Ste52
Second Half
First Half
0
5
10
15
0
5
10
15

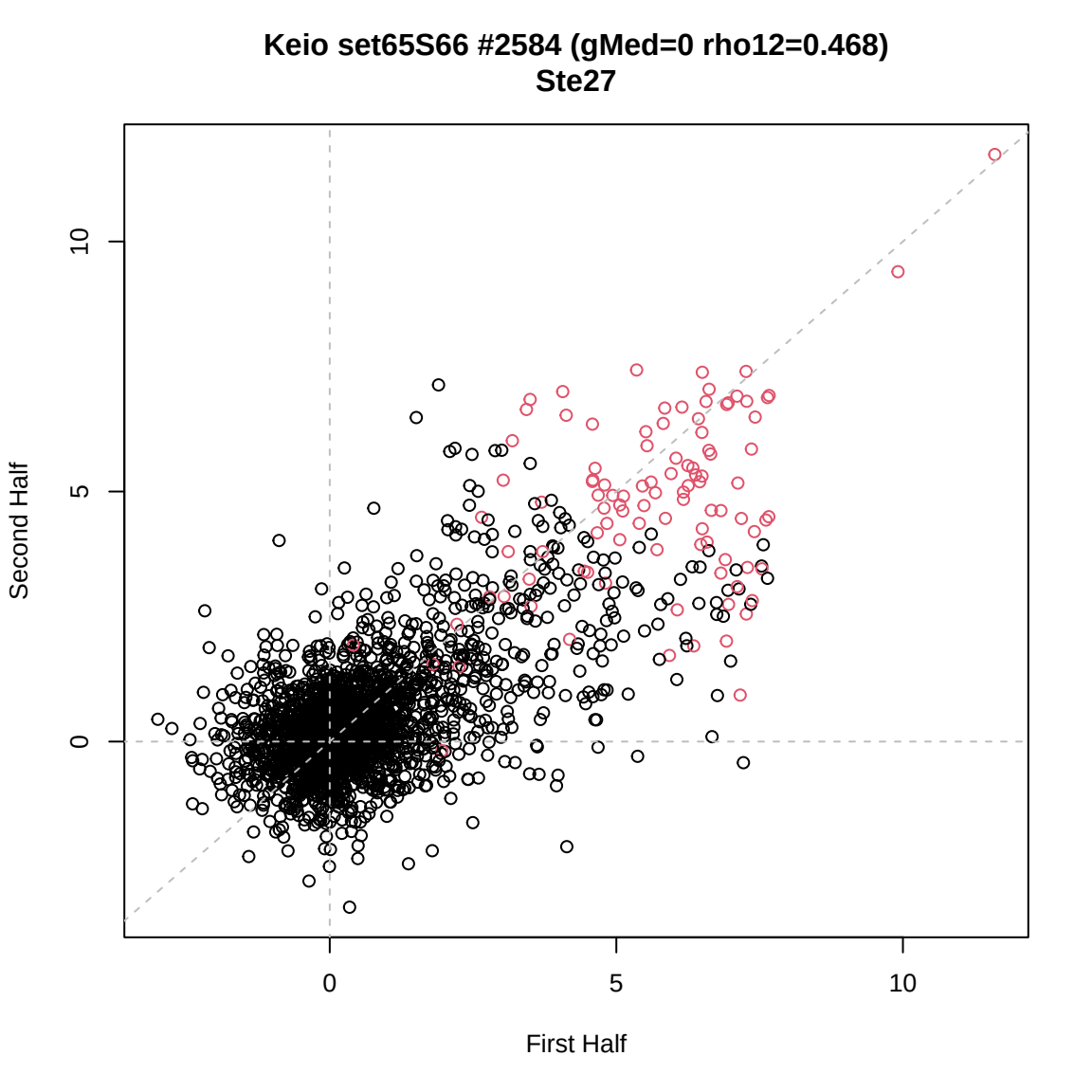

Keio set65S61 #2579 (gMed=0 rho12=0.465)
Ste06
Second Half
First Half
−2
0
2
4
6
8
10

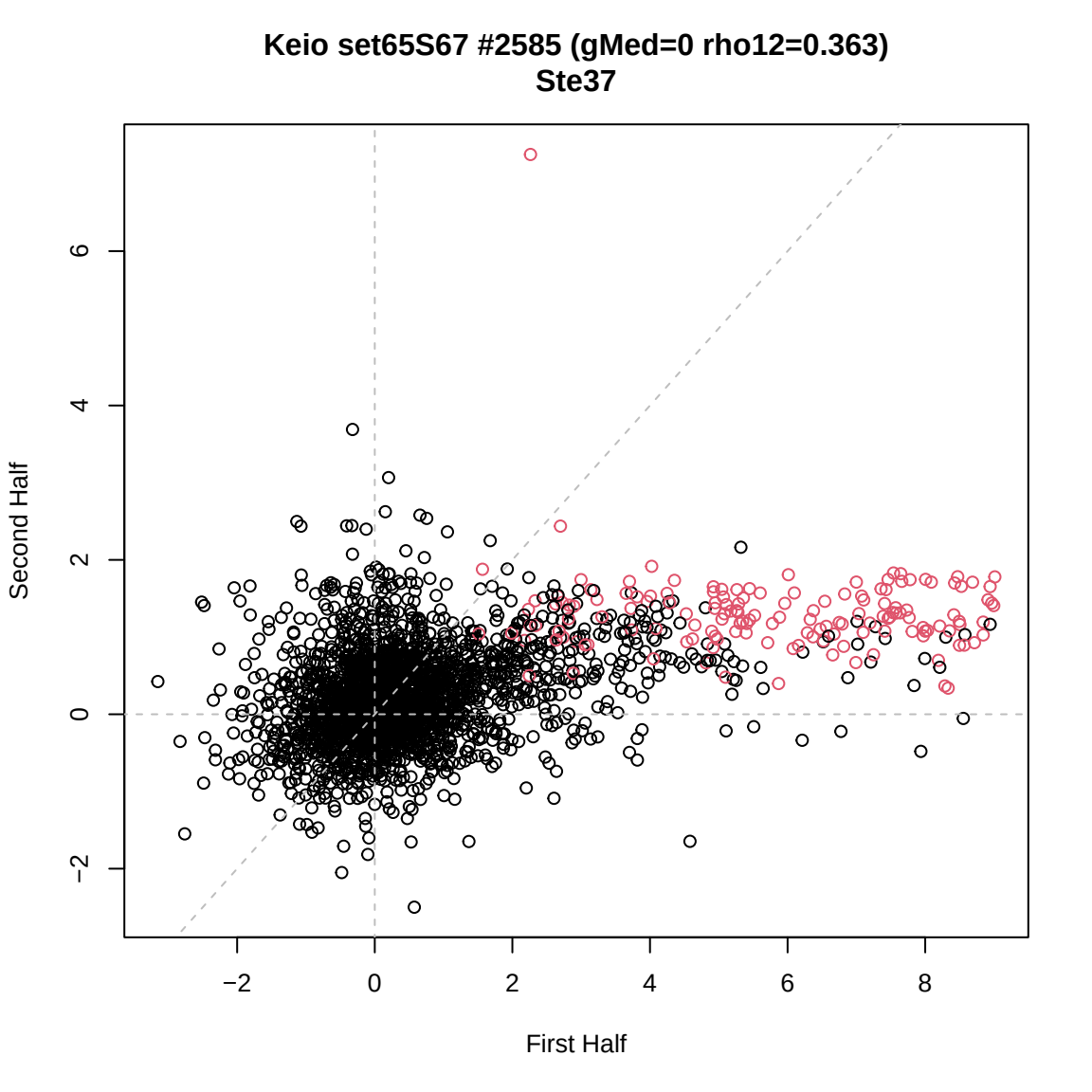

Keio set65S62 #2580 (gMed=0 rho12=0.463)
Ste06
Second Half
First Half
−2
0
2
4
6
8
10

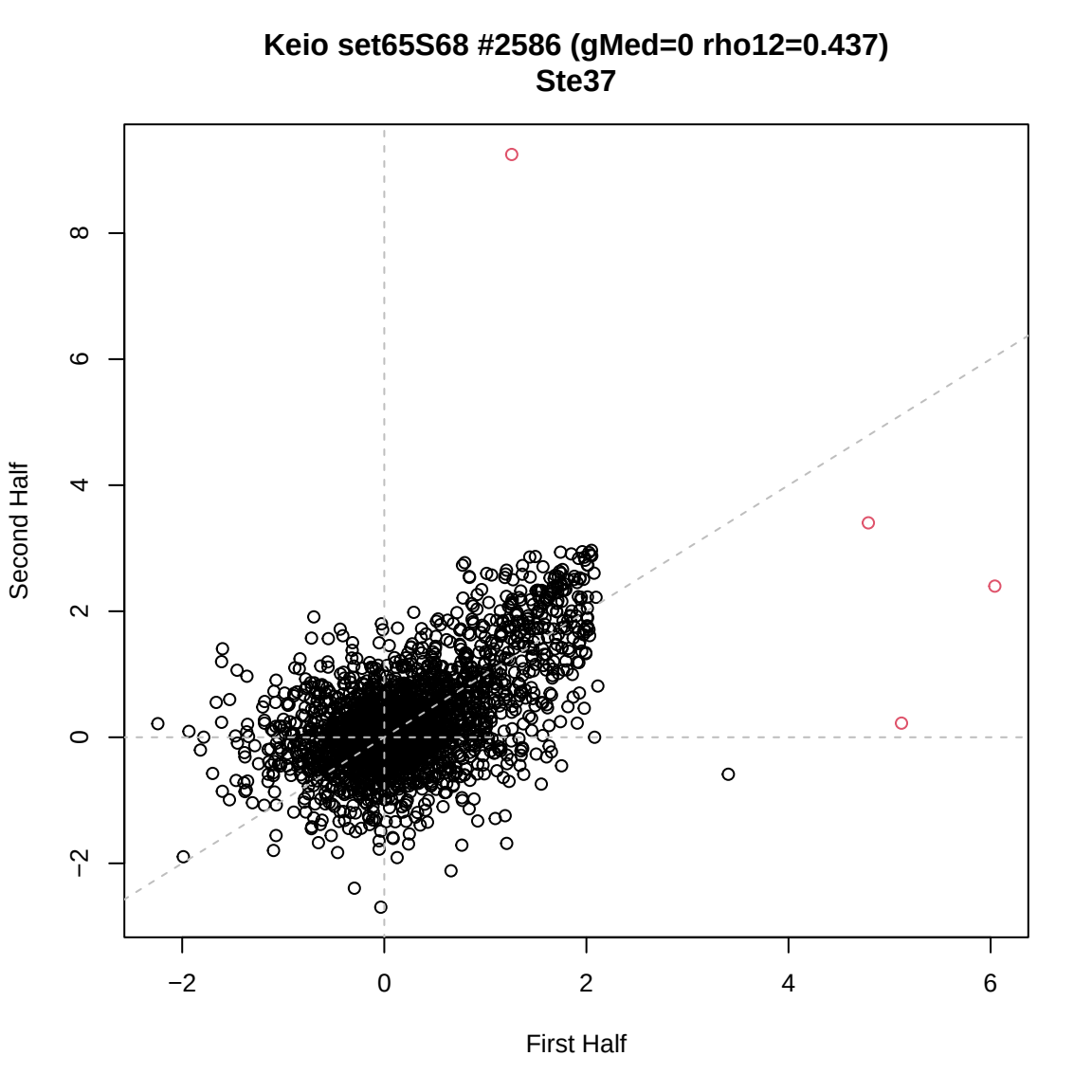

Keio set65S63 #2581 (gMed=0 rho12=0.461)
Ste17
Second Half
First Half
15
10
5
0
0
5
10
15

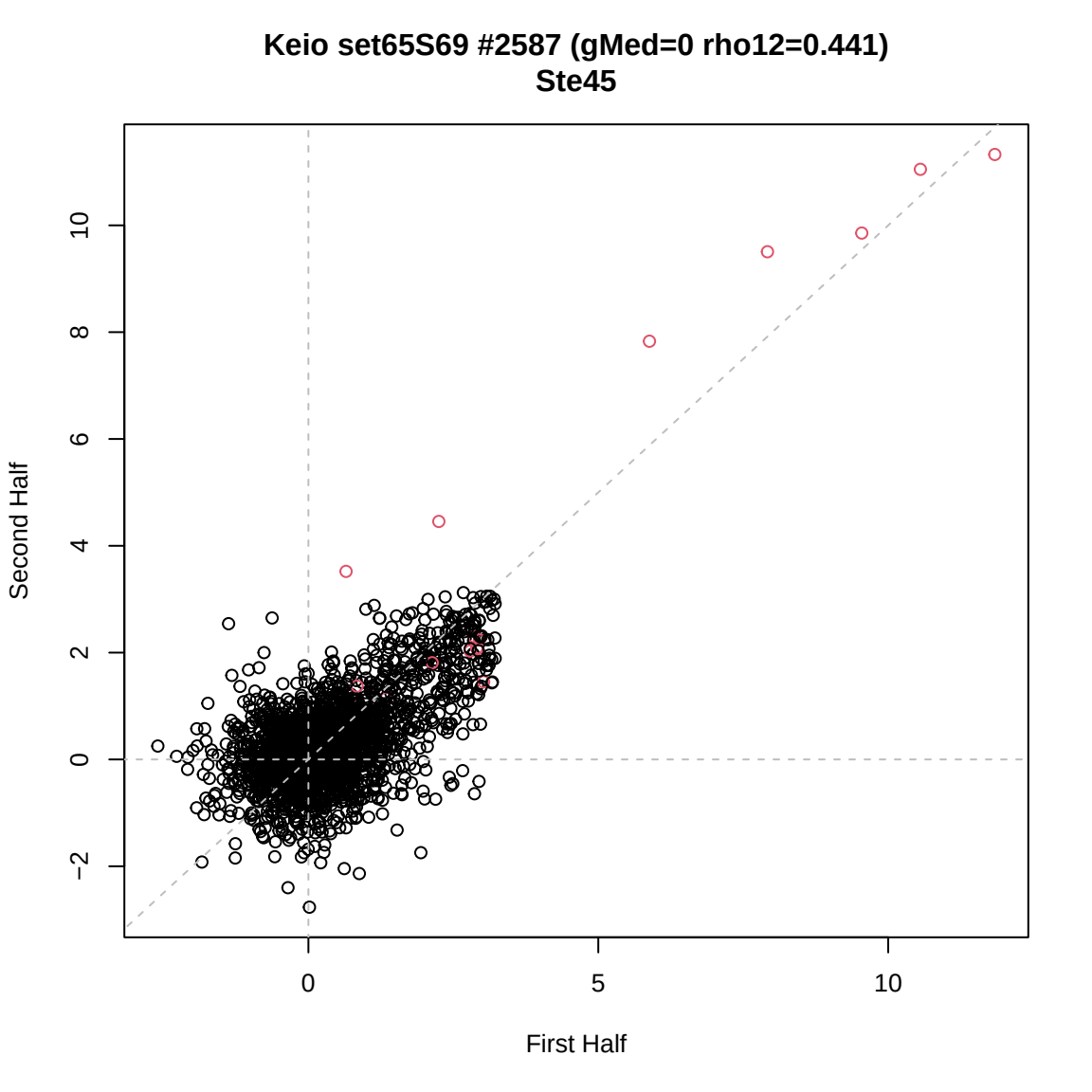

Keio set65S64 #2582 (gMed=0 rho12=0.464)
Ste17
Second Half
First Half
0
5
10
15

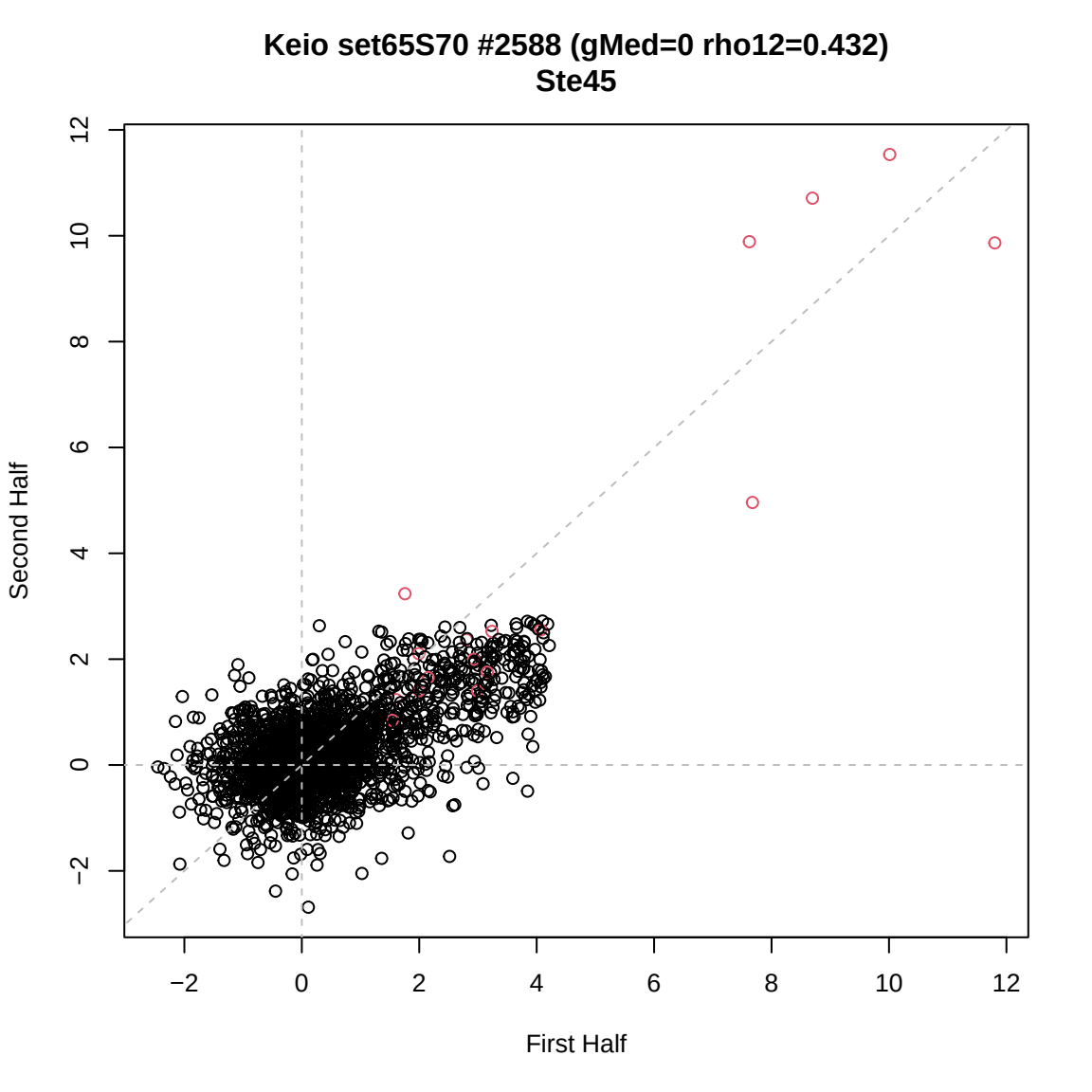

Keio set65S65 #2583 (gMed=0 rho12=0.467)
Ste27
Second Half
First Half
0
5
10
0
5
10

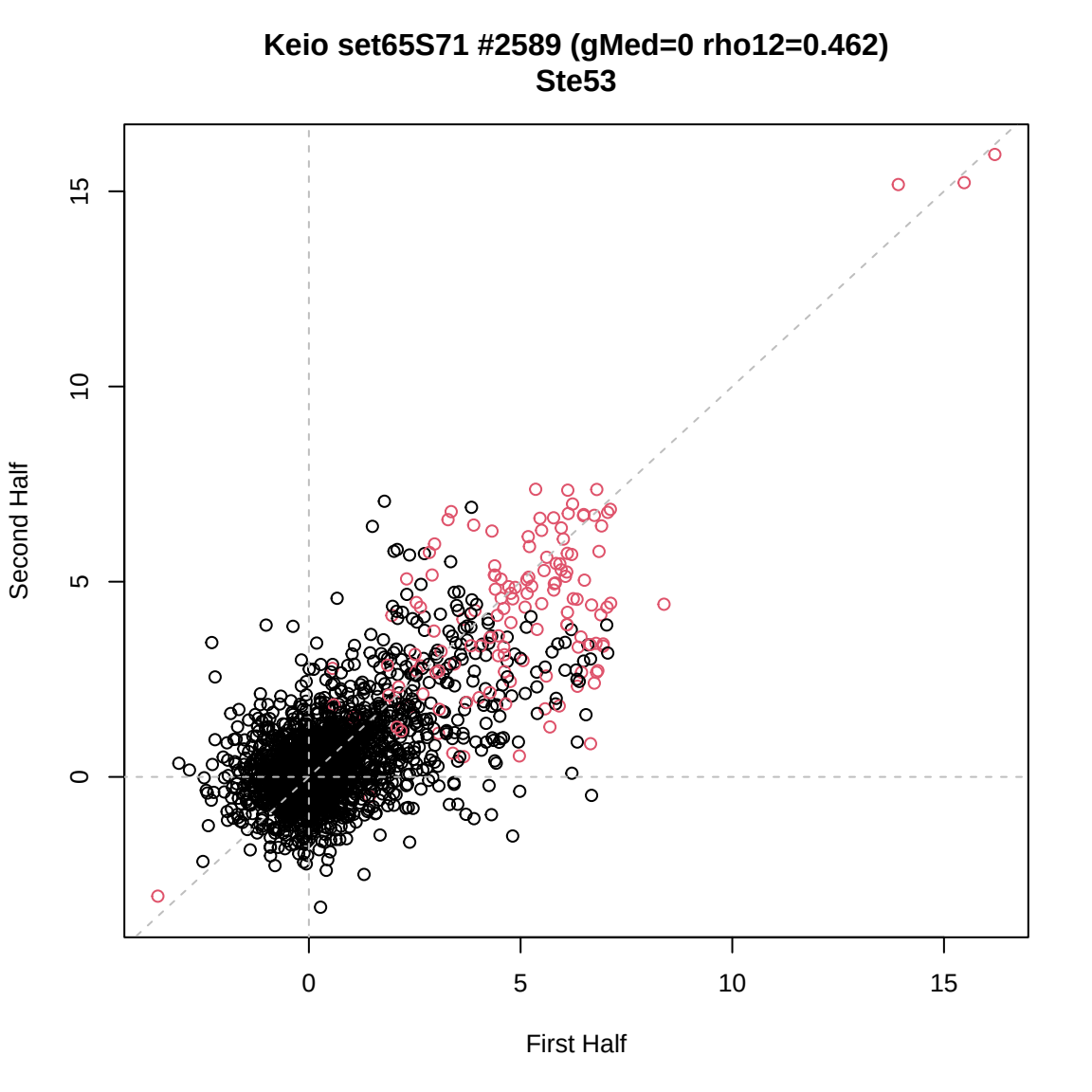

Keio set65S66 #2584 (gMed=0 rho12=0.468)
Ste27
Second Half
First Half
0
5
10
0
5
10

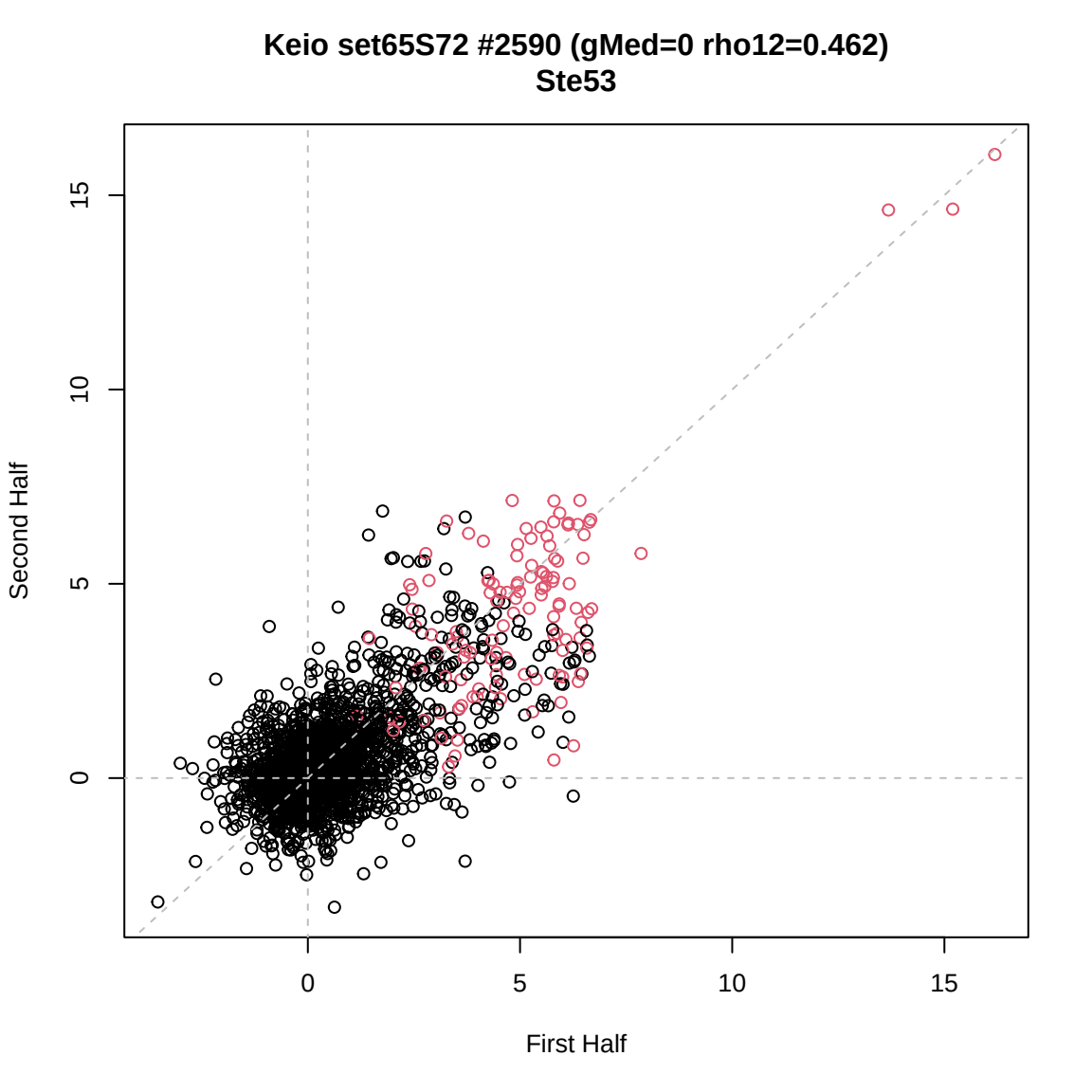

Keio set65S67 #2585 (gMed=0 rho12=0.363)
Ste37
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

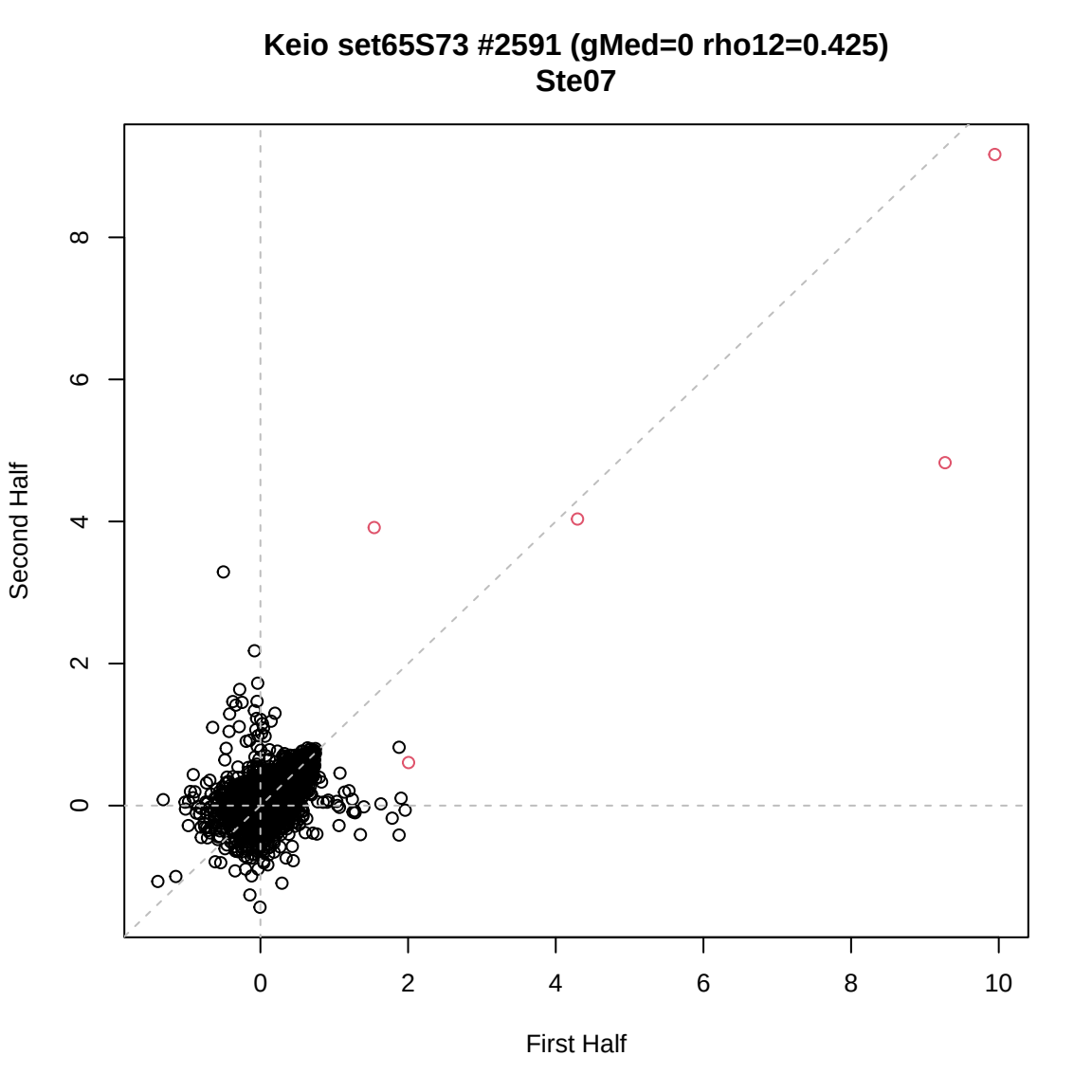

Keio set65S68 #2586 (gMed=0 rho12=0.437)
Ste37
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6

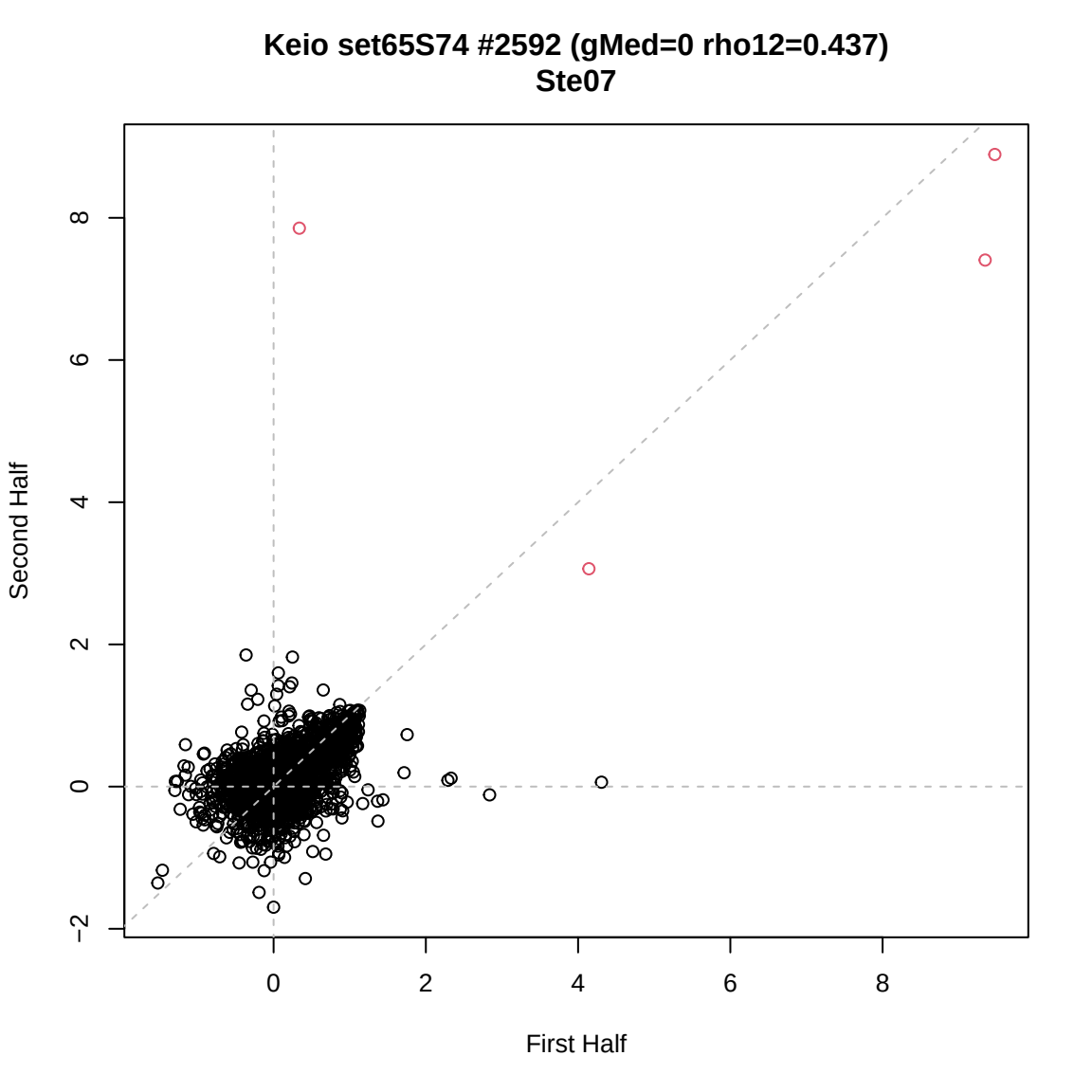

Keio set65S69 #2587 (gMed=0 rho12=0.441)
Ste45
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10

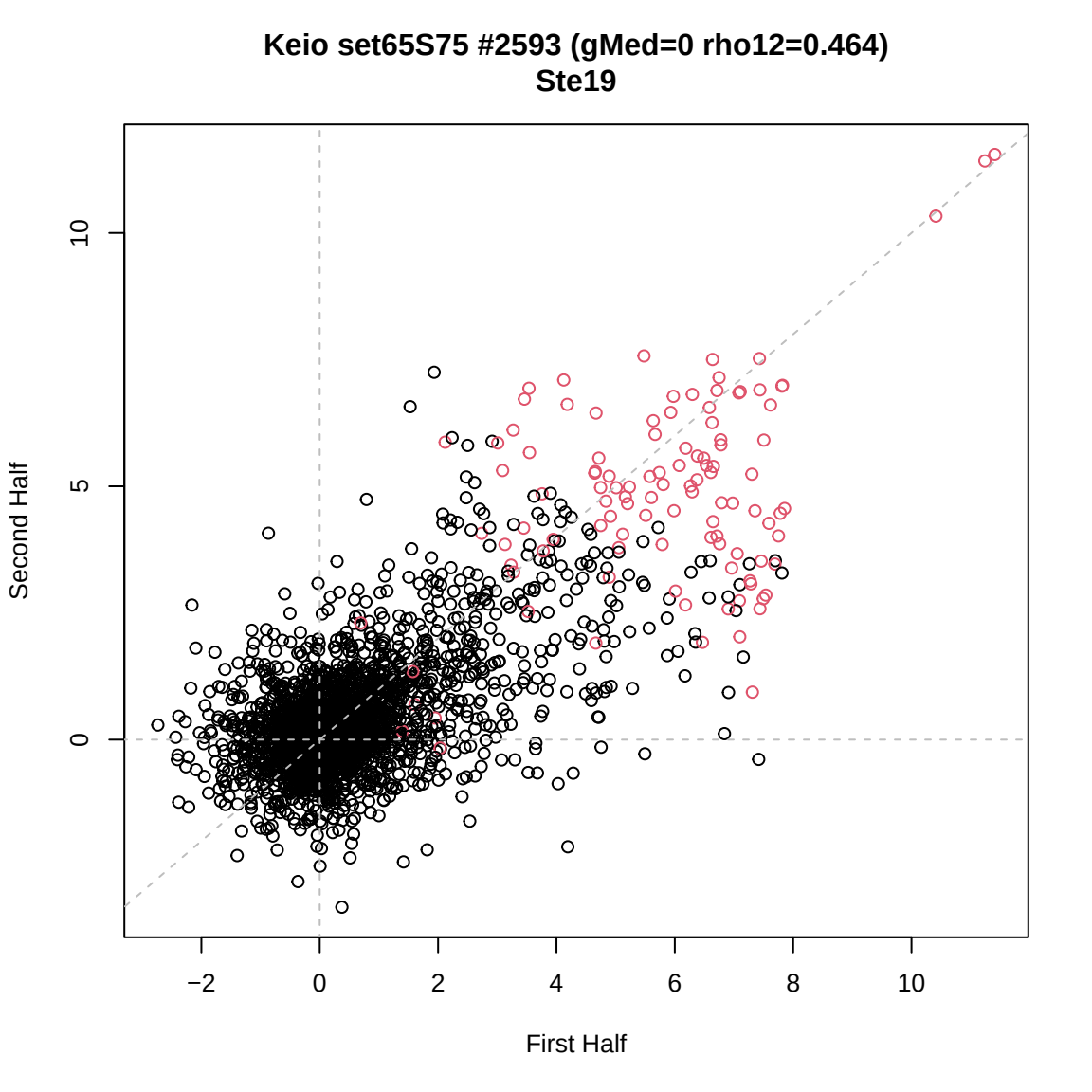

Keio set65S70 #2588 (gMed=0 rho12=0.432)
Ste45
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10
12

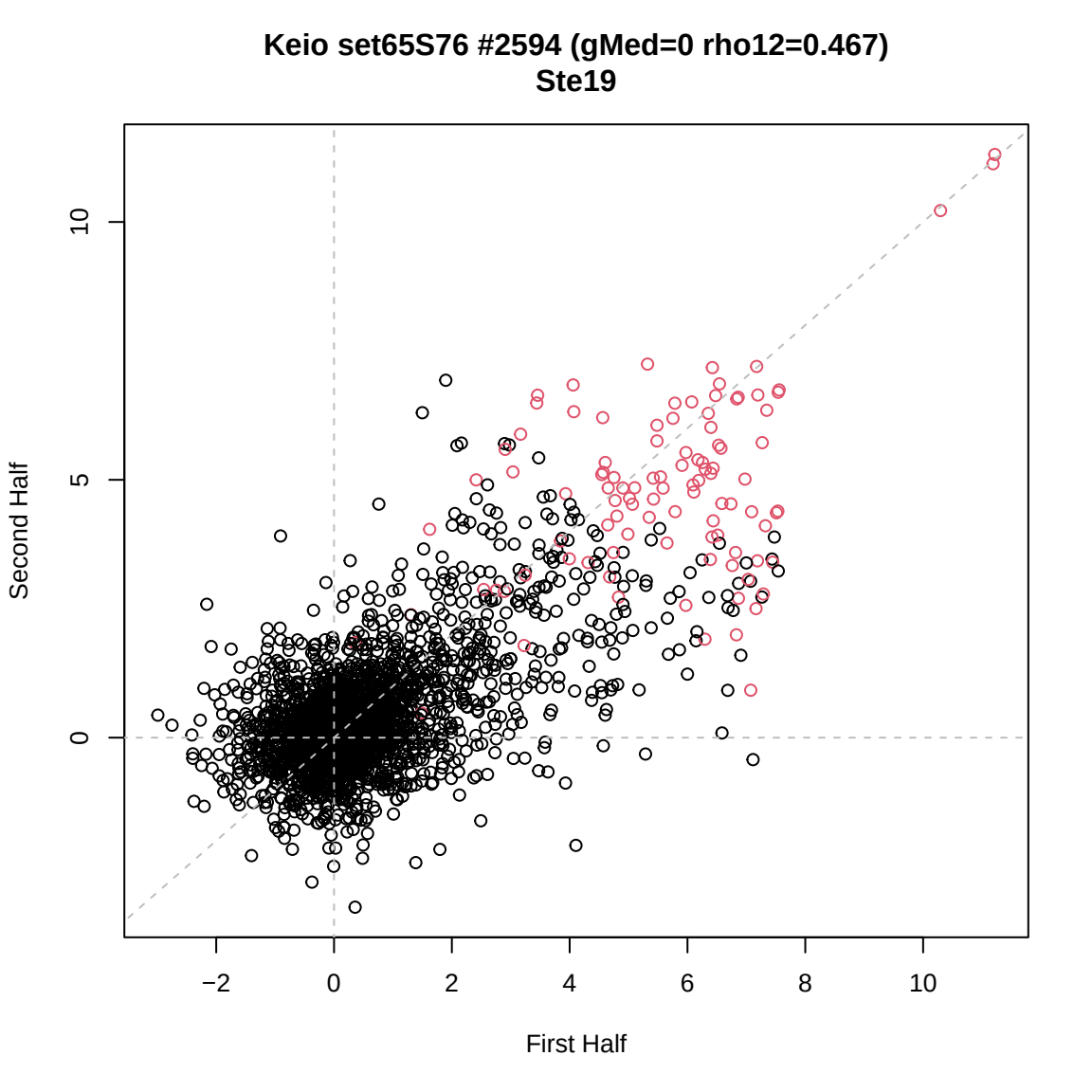

Keio set65S71 #2589 (gMed=0 rho12=0.462)
Ste53
Second Half
First Half
0
5
10
15

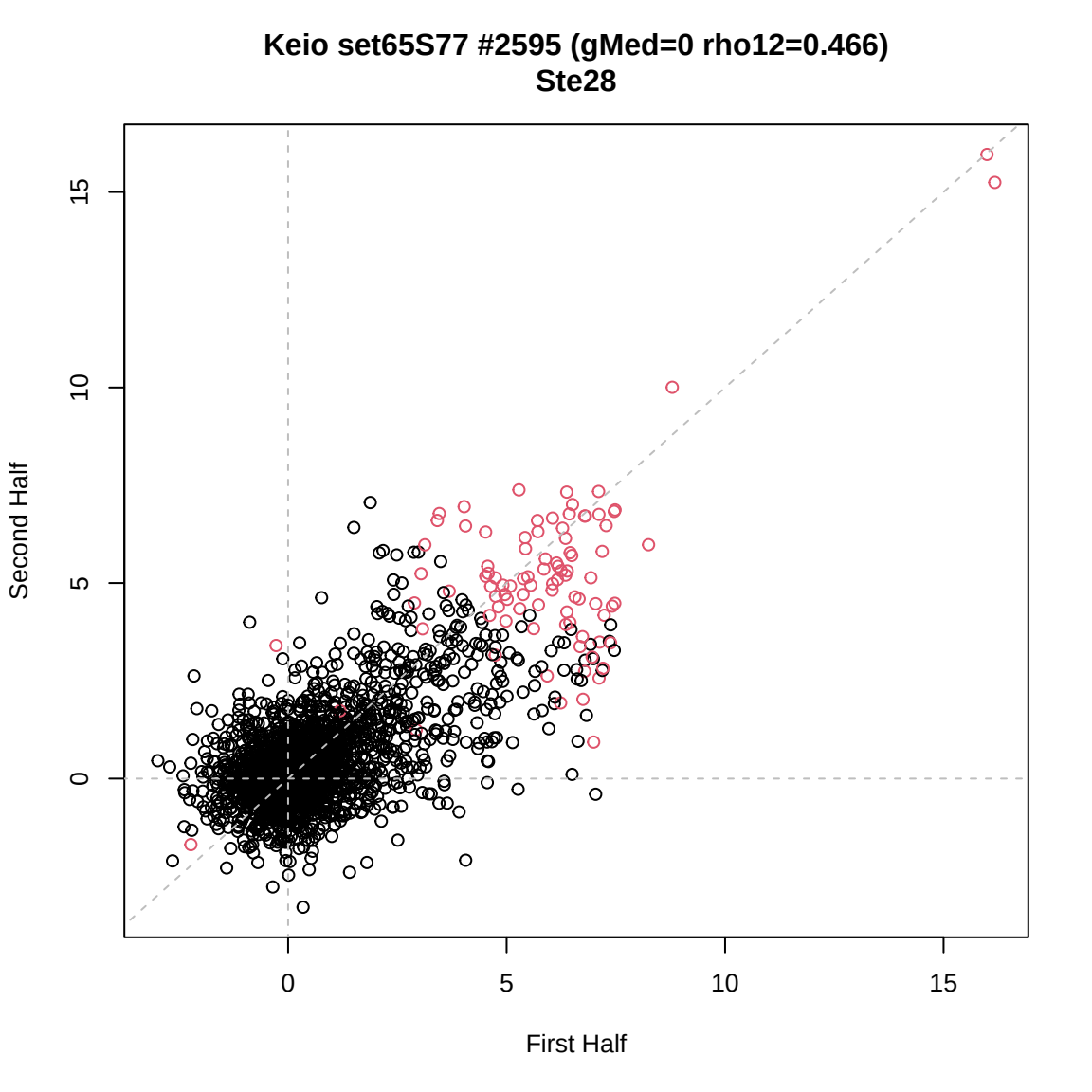

Keio set65S72 #2590 (gMed=0 rho12=0.462)
Ste53
Second Half
First Half
0
5
10
15

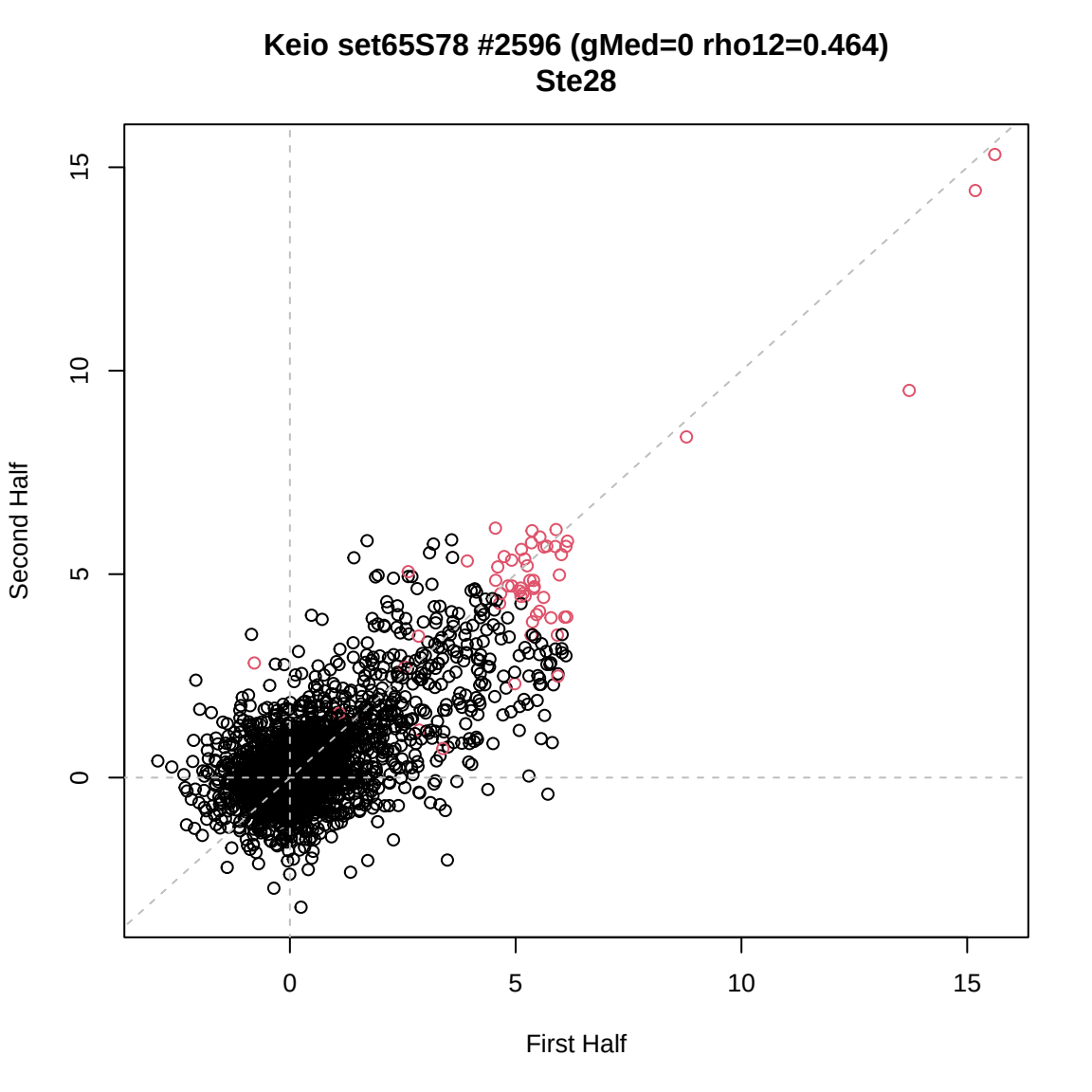

Keio set65S73 #2591 (gMed=0 rho12=0.425)
Ste07
Second Half
First Half
0
2
4
6
8
10

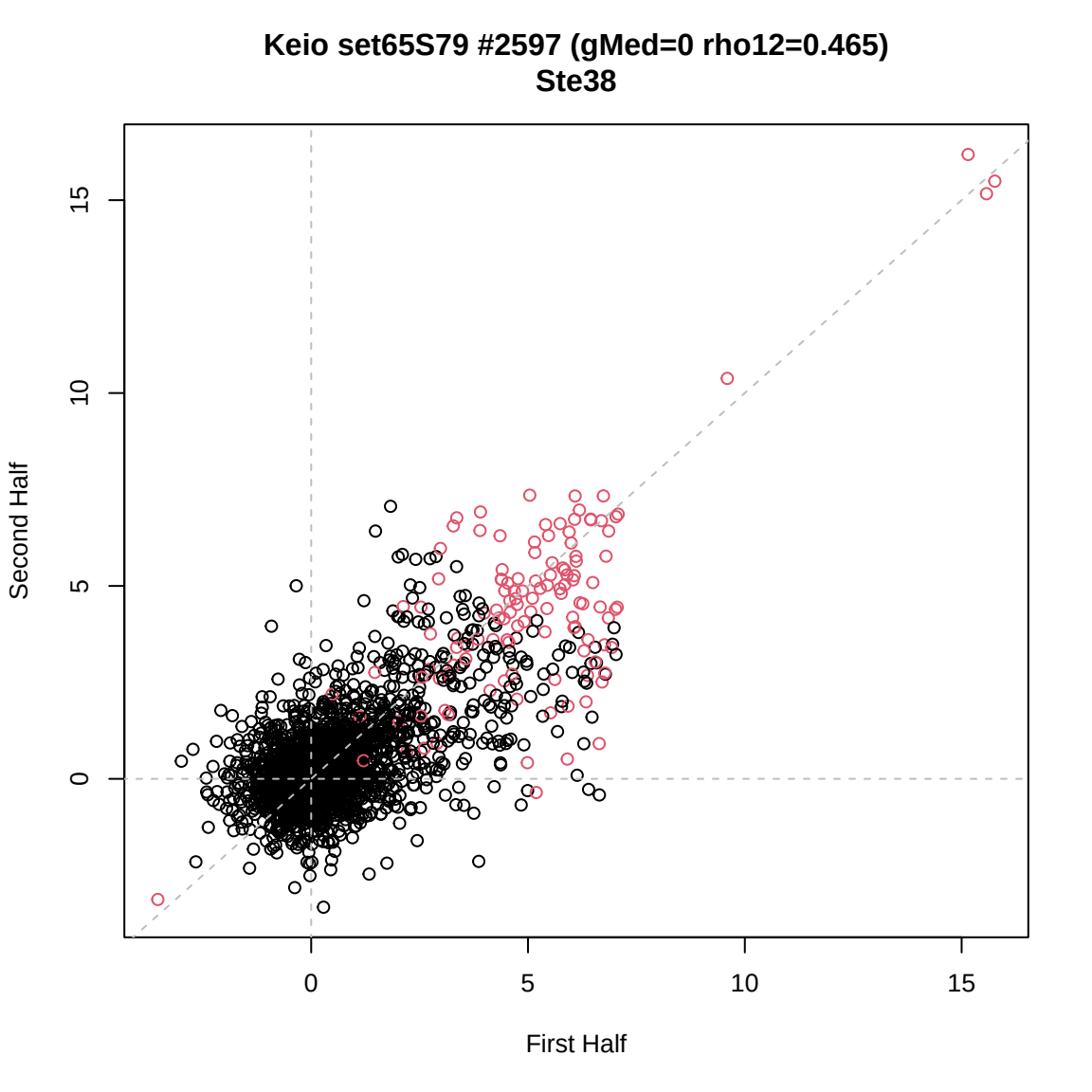

Keio set65S74 #2592 (gMed=0 rho12=0.437)
Ste07
Second Half
First Half
−2
0
2
4
6
8
0
2
4
6
8

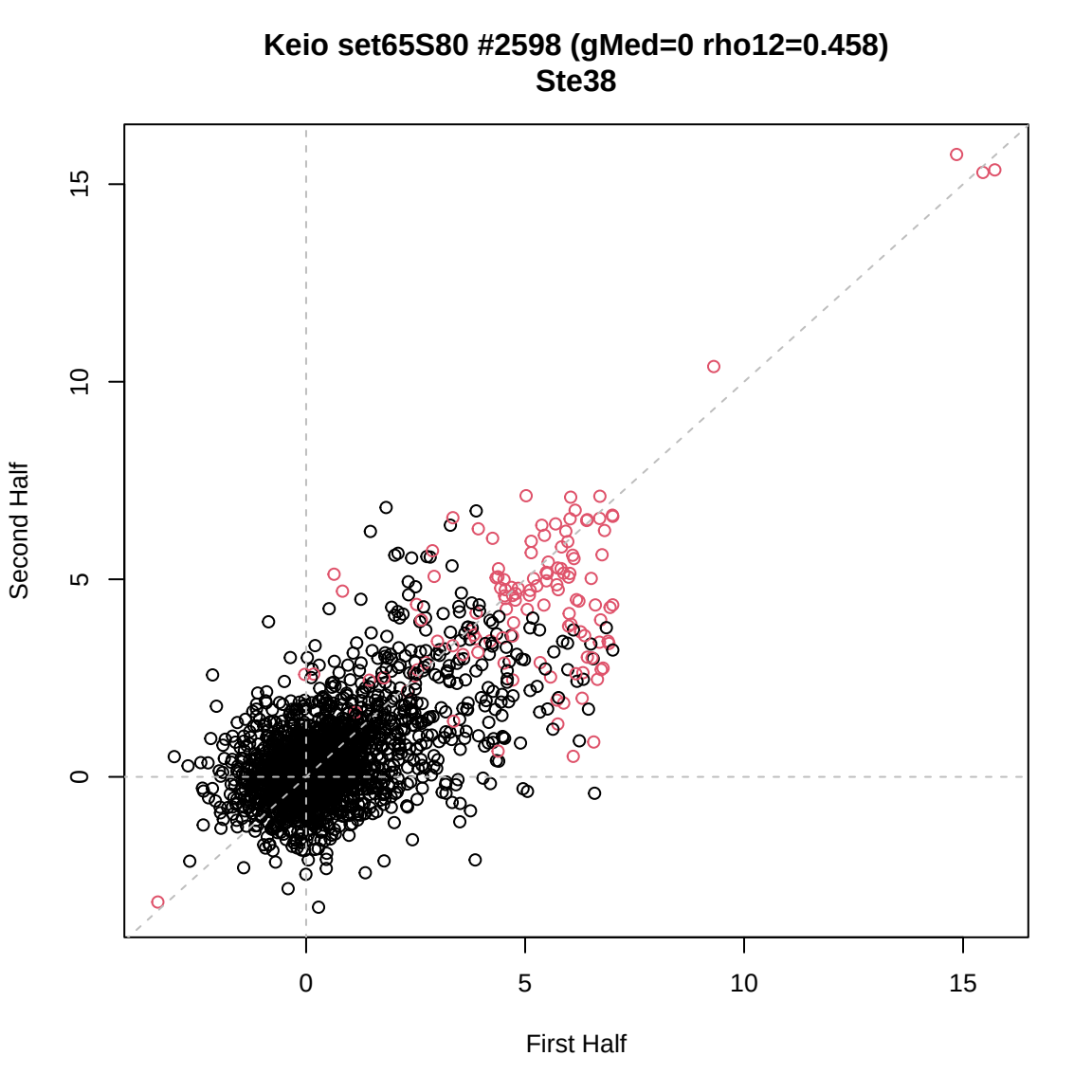

Keio set65S75 #2593 (gMed=0 rho12=0.464)
Ste19
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

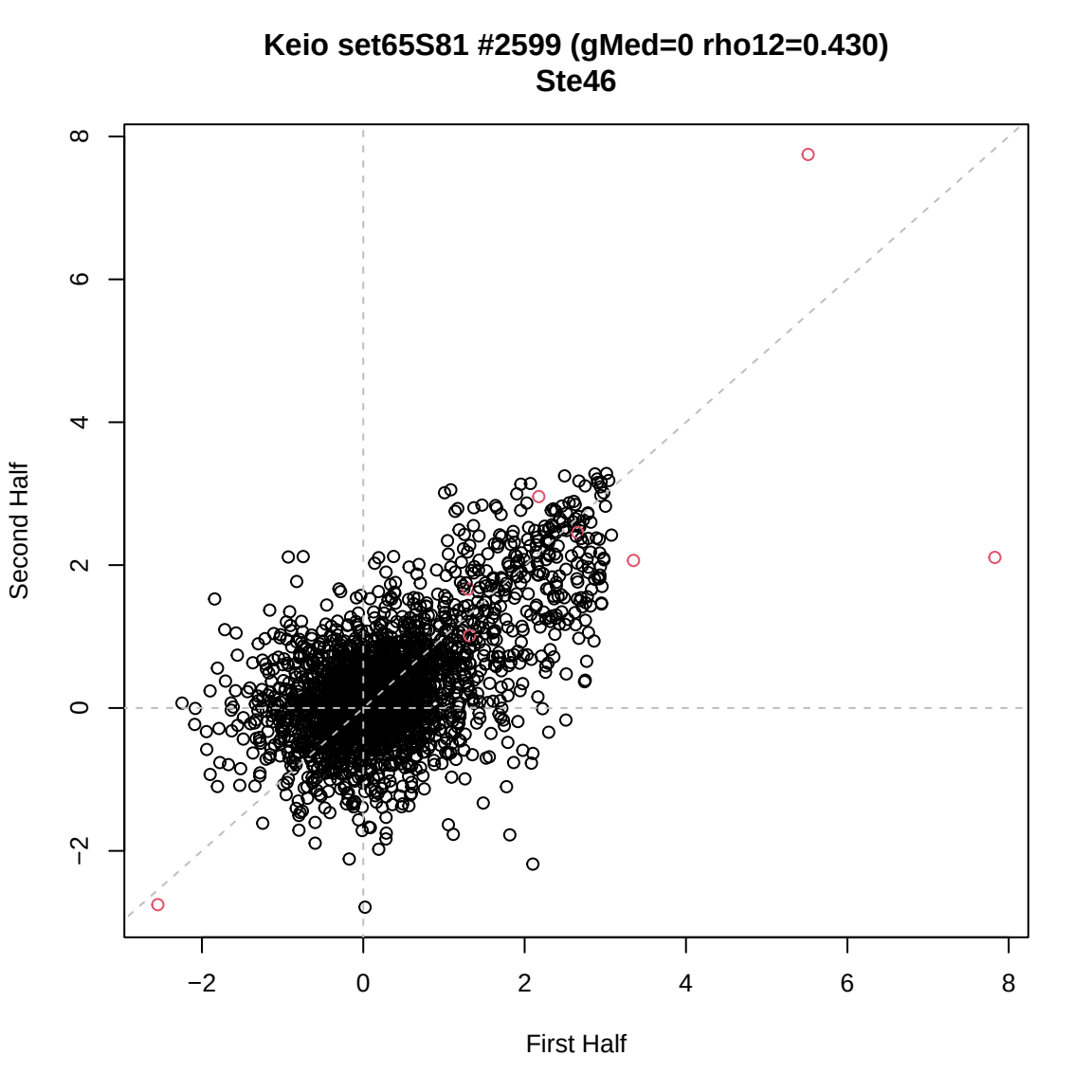

Keio set65S76 #2594 (gMed=0 rho12=0.467)
Ste19
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

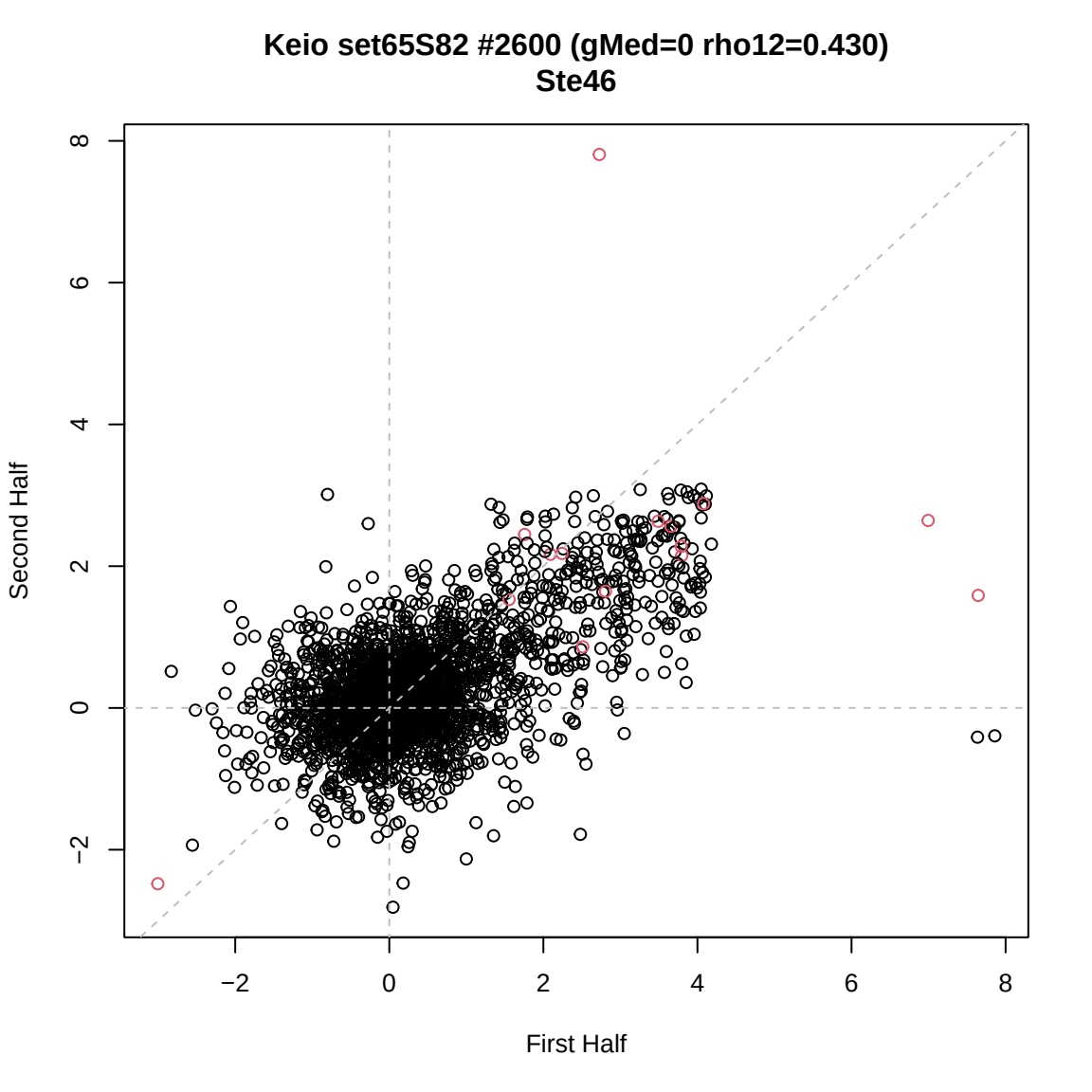

Keio set65S77 #2595 (gMed=0 rho12=0.466)
Ste28
Second Half
First Half
0
5
10
15

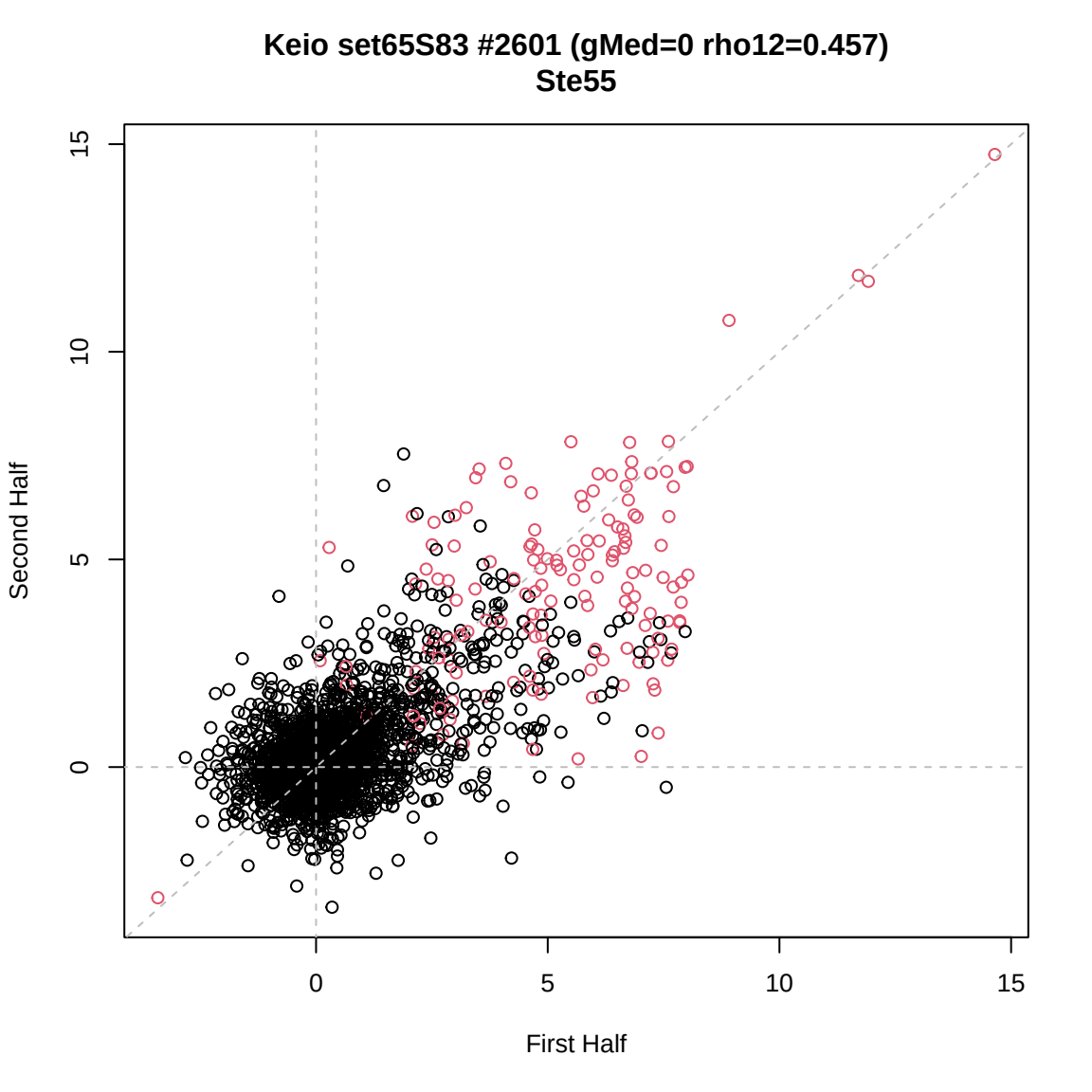

Keio set65S78 #2596 (gMed=0 rho12=0.464)
Ste28
Second Half
First Half
0
5
10
15
0
5
10
15

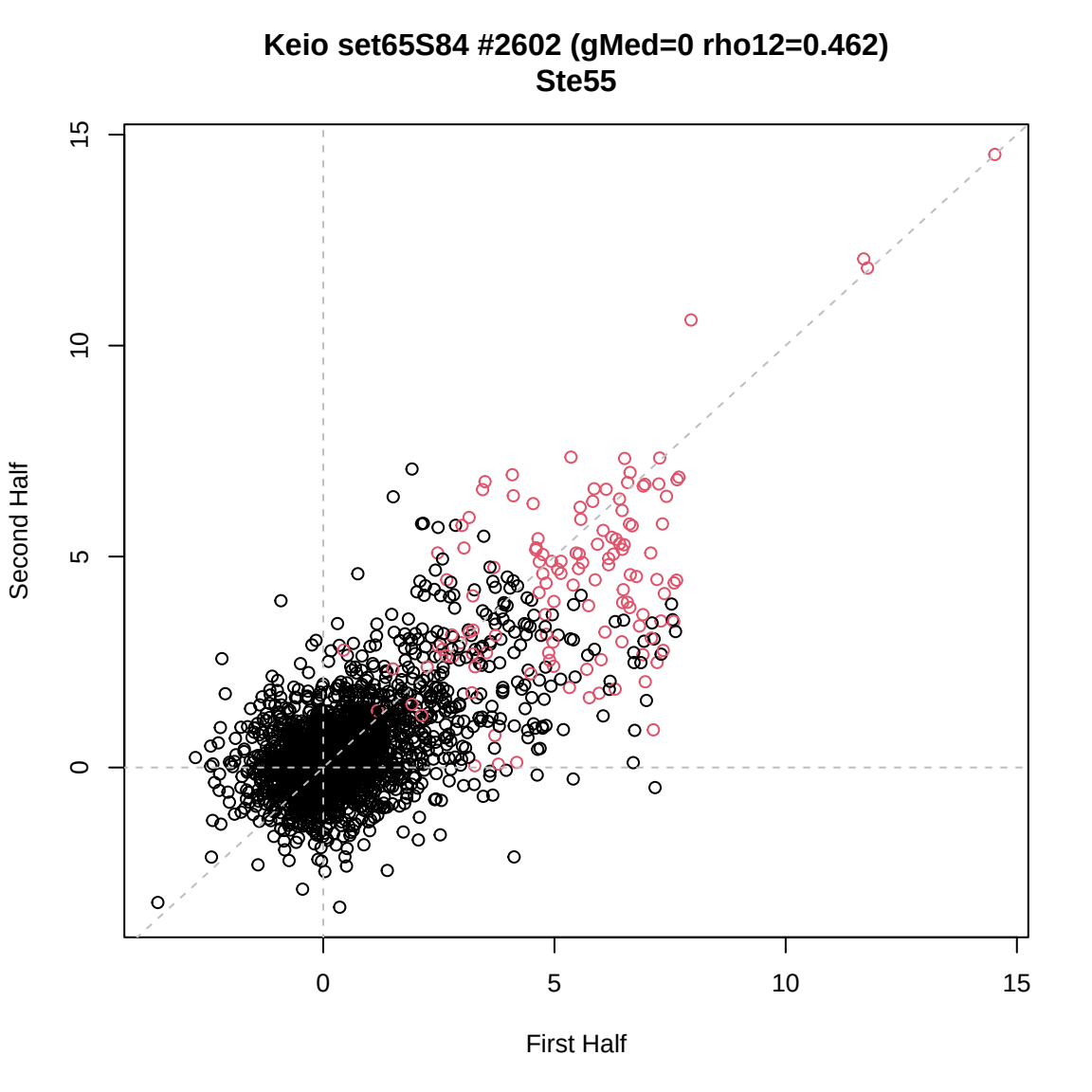

Keio set65S79 #2597 (gMed=0 rho12=0.465)
Ste38
Second Half
First Half
0
5
10
15

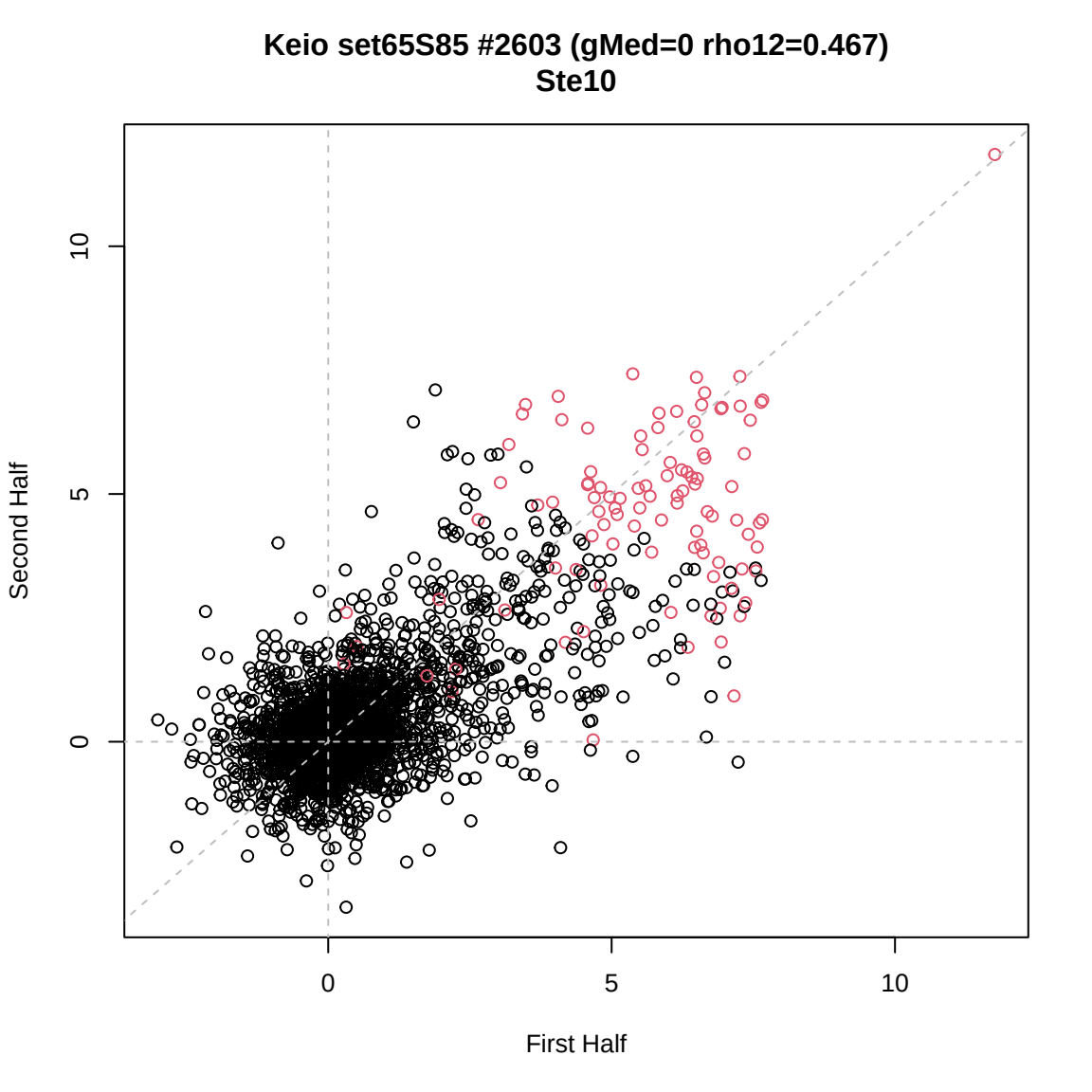

Keio set65S80 #2598 (gMed=0 rho12=0.458)
Ste38
Second Half
First Half
0
5
10
15

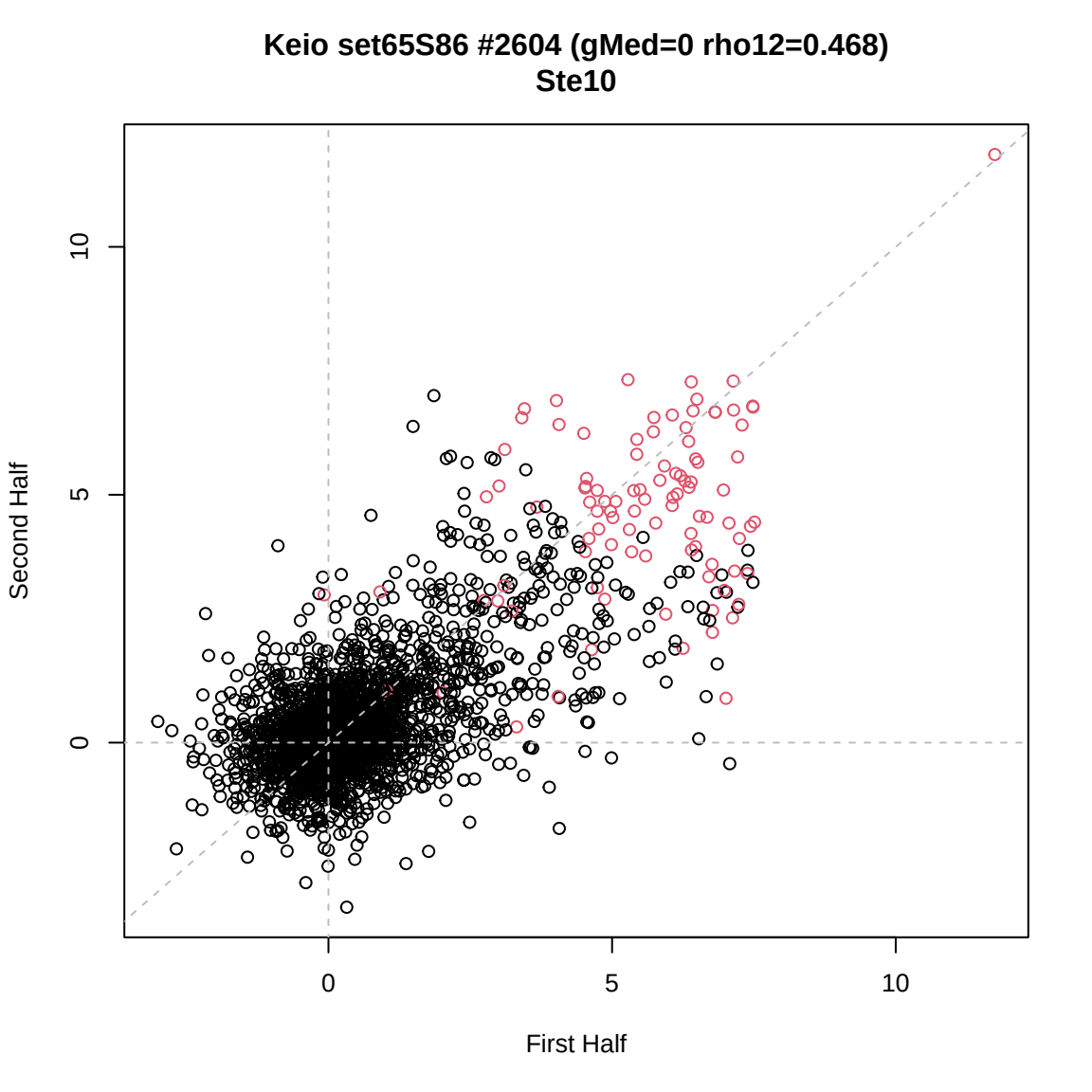

Keio set65S81 #2599 (gMed=0 rho12=0.430)
Ste46
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

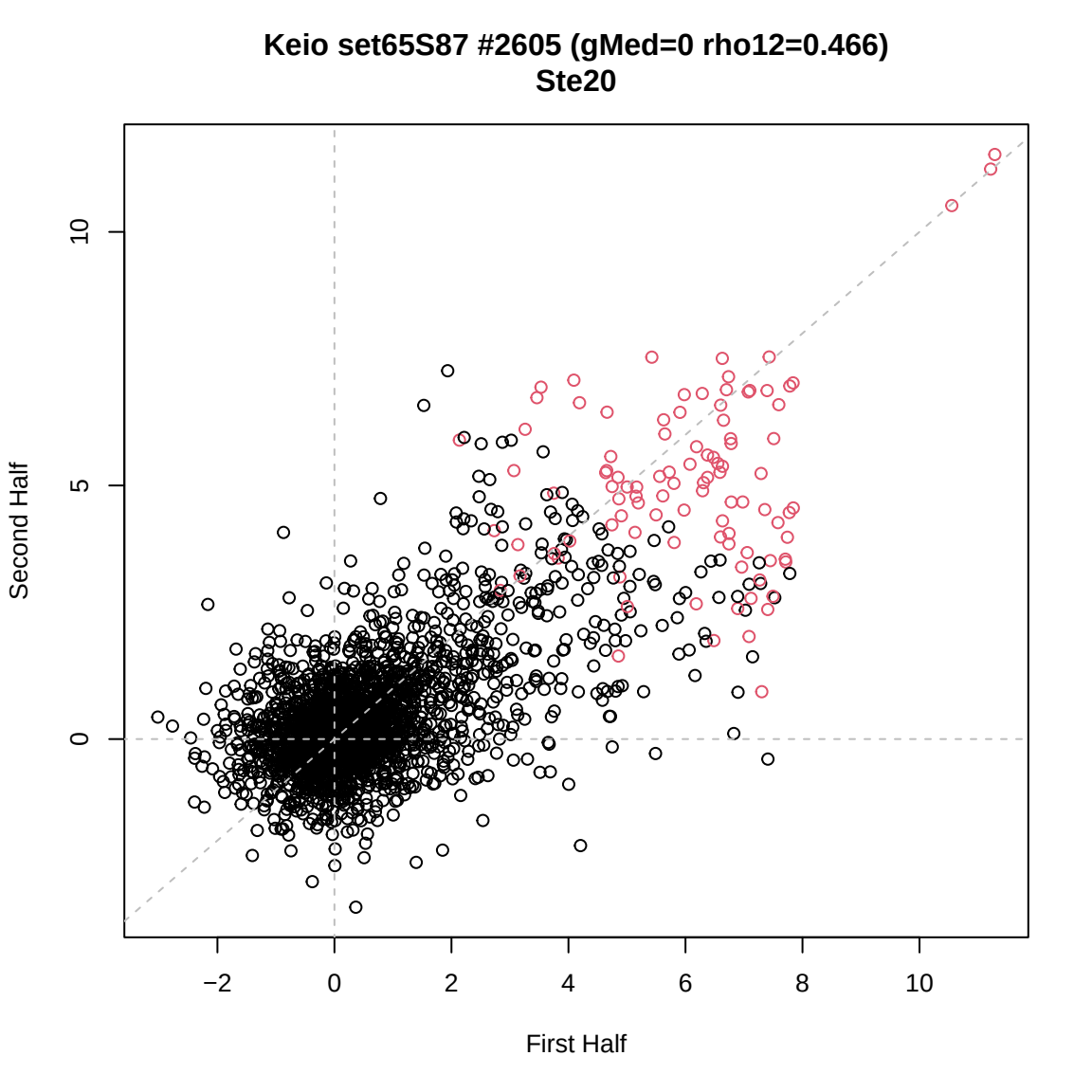

Keio set65S82 #2600 (gMed=0 rho12=0.430)
Ste46
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

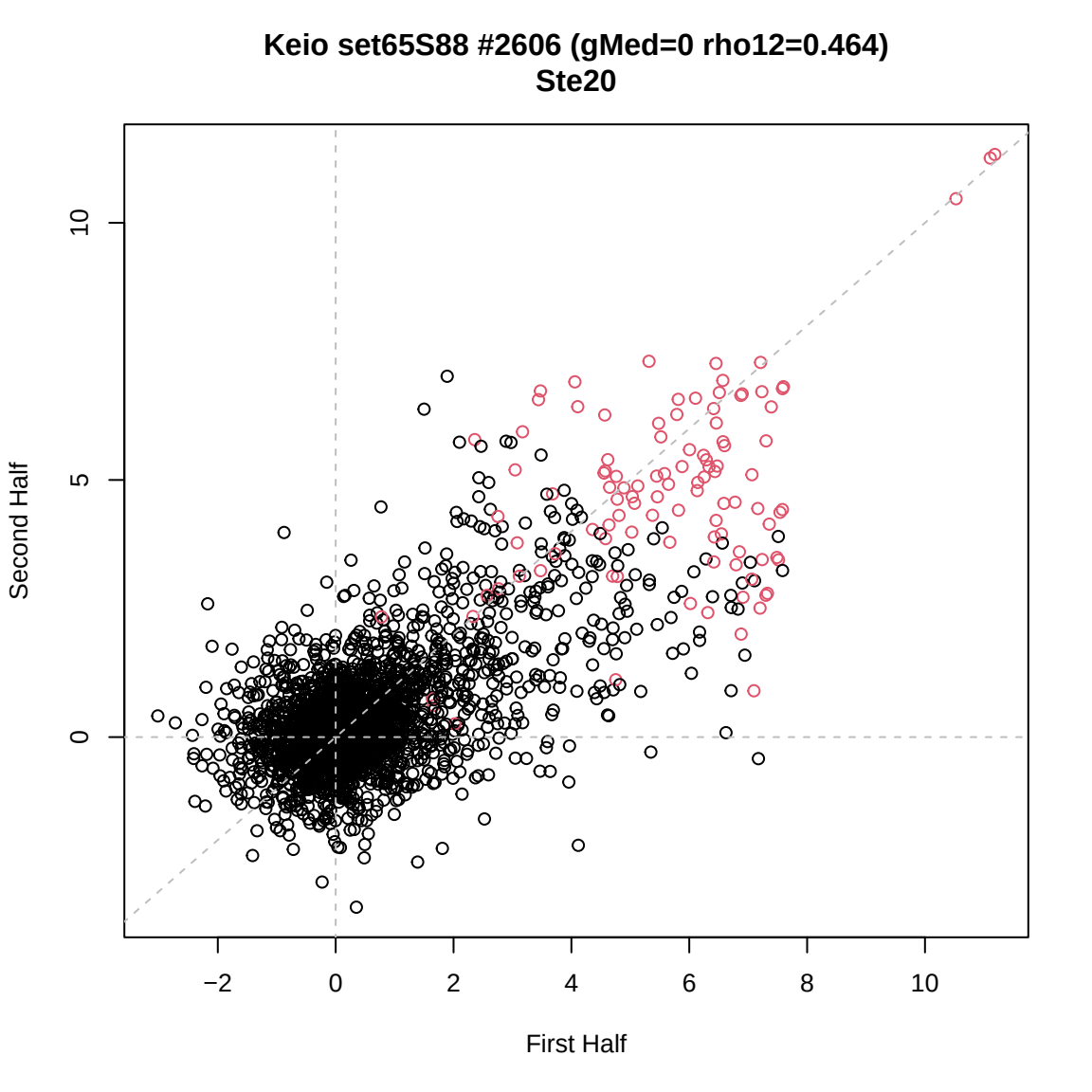

Keio set65S83 #2601 (gMed=0 rho12=0.457)
Ste55
Second Half
First Half
15
10
5
0
0
5
10
15

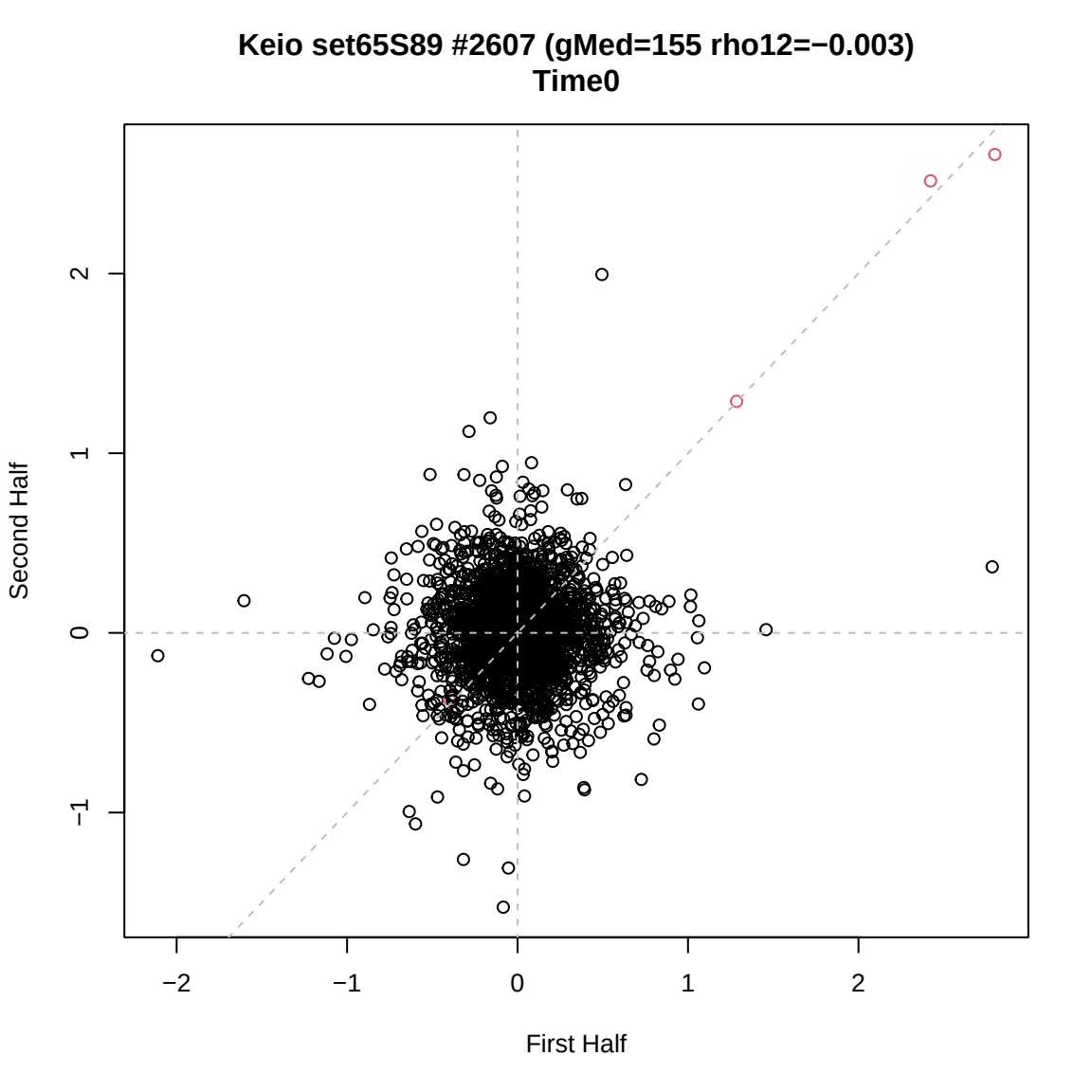

Keio set65S84 #2602 (gMed=0 rho12=0.462)
Ste55
Second Half
First Half
15
10
5
0
0
5
10
15

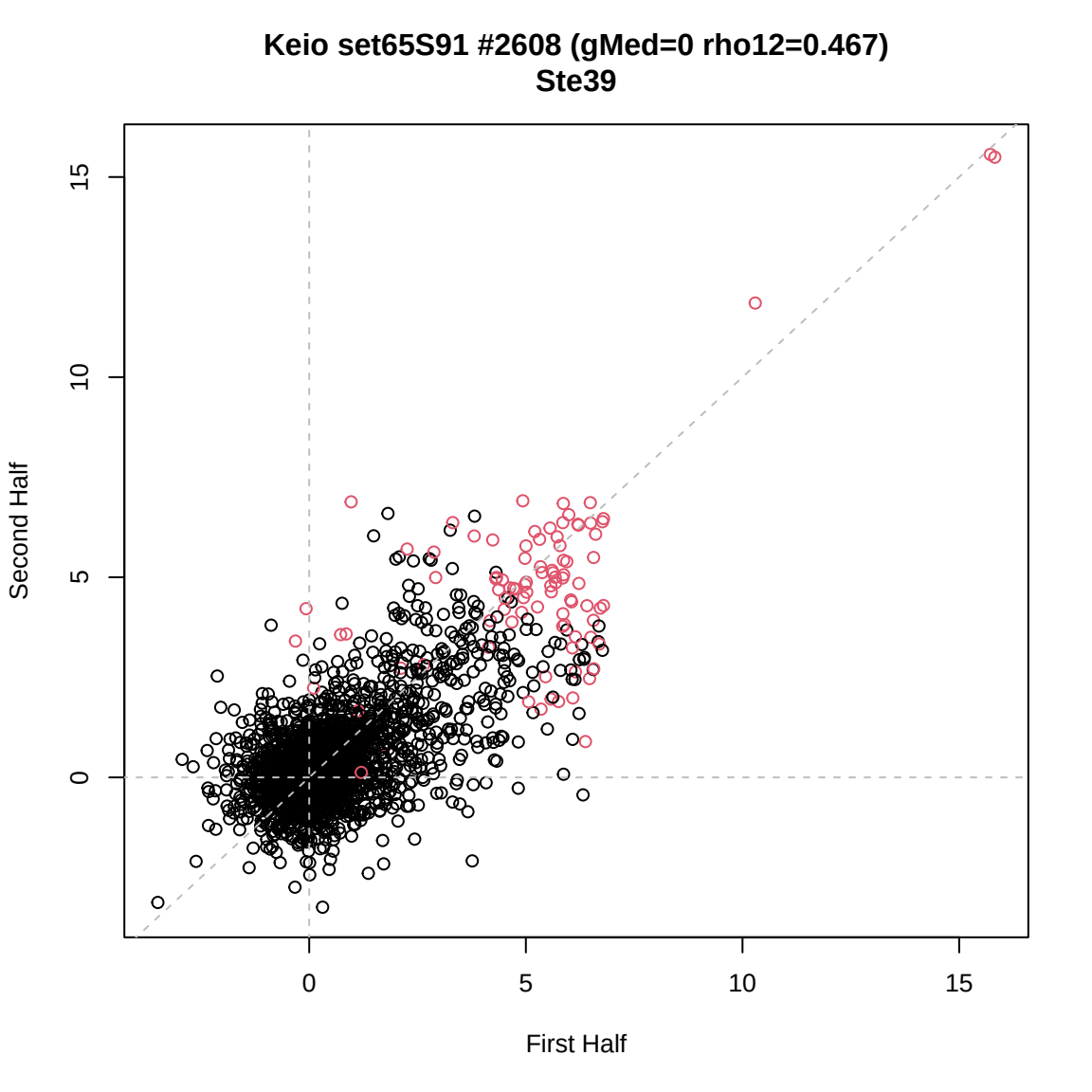

Keio set65S85 #2603 (gMed=0 rho12=0.467)
Ste10
Second Half
First Half
10
5
0
0
5
10

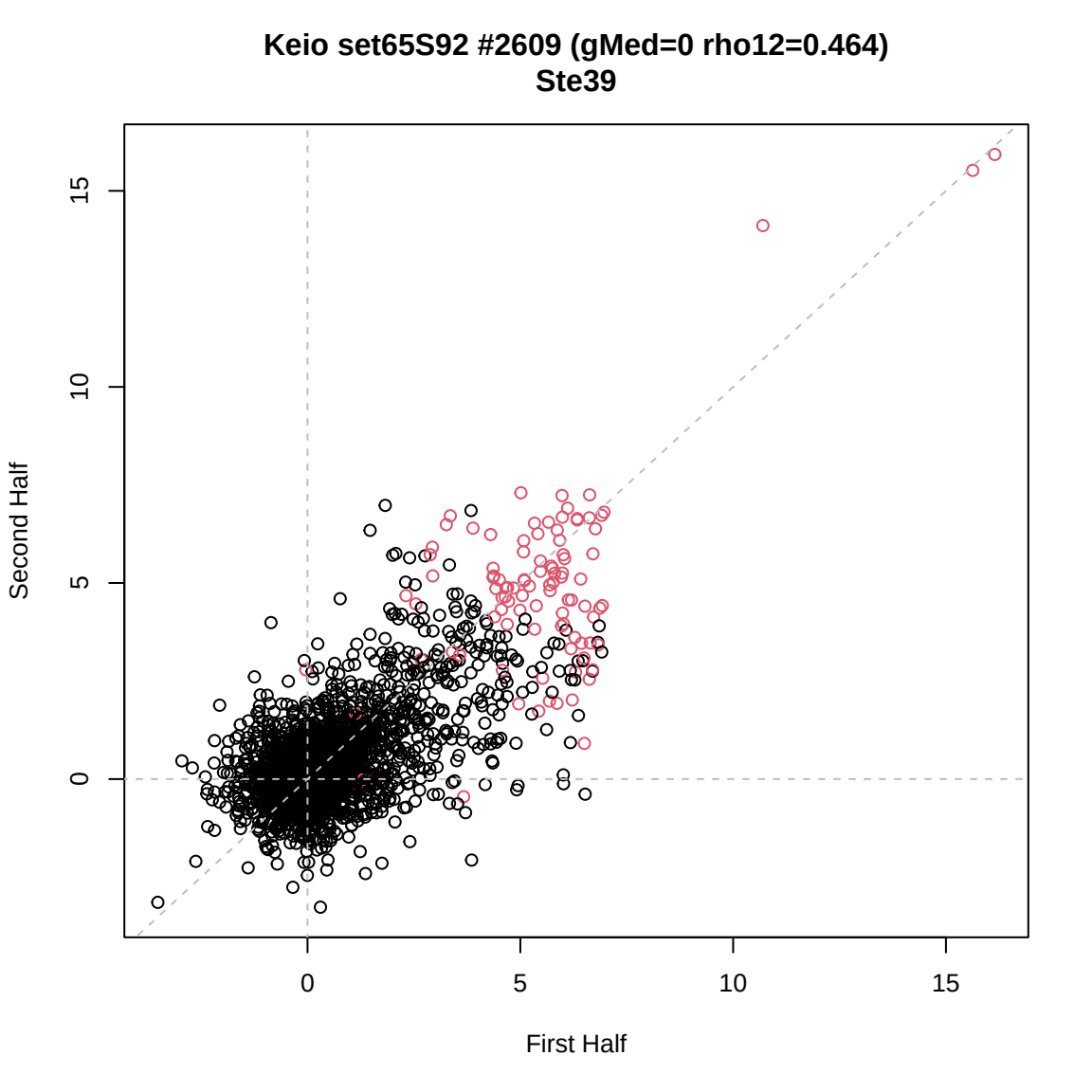

Keio set65S86 #2604 (gMed=0 rho12=0.468)
Ste10
Second Half
First Half
0
5
10
0
5
10

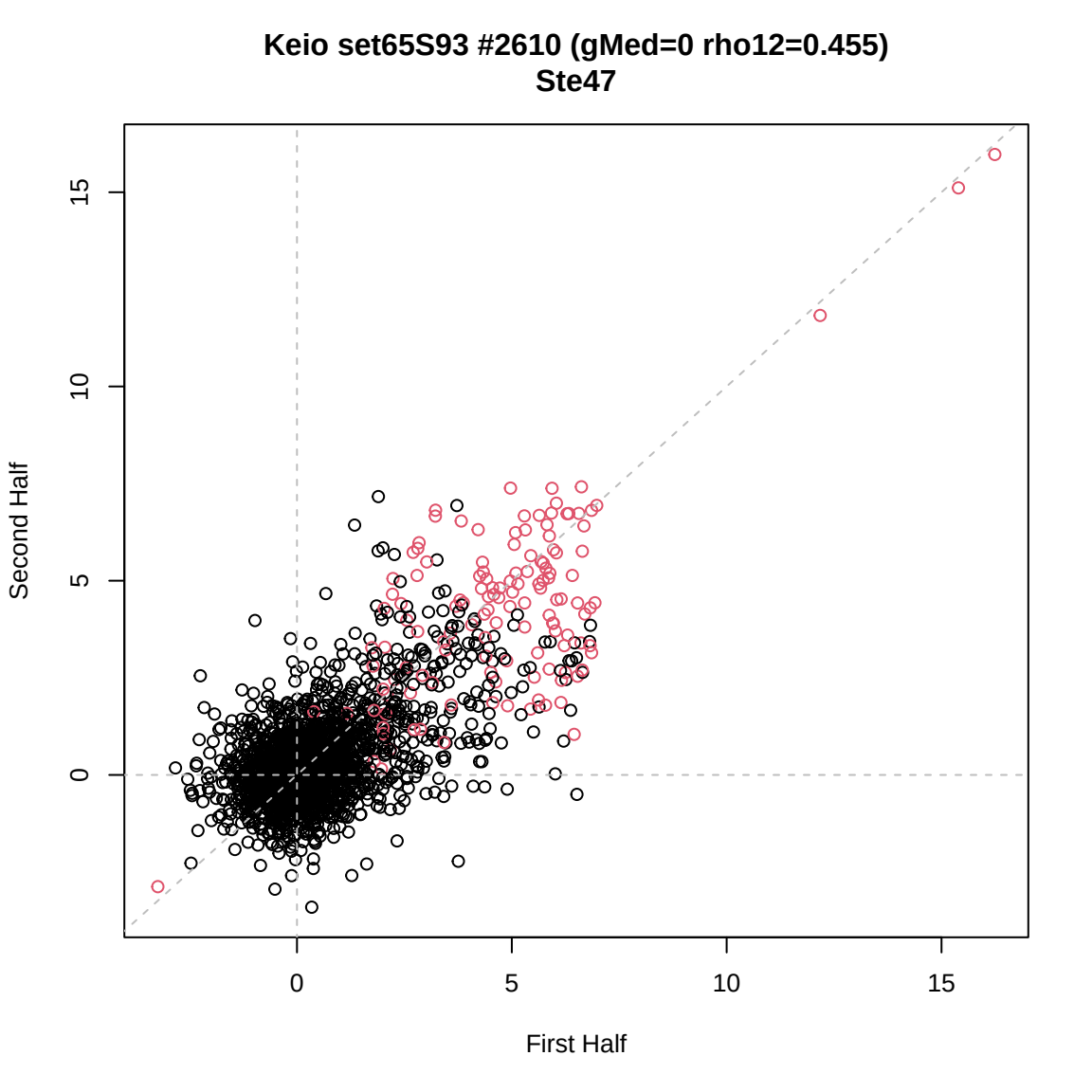

Keio set65S87 #2605 (gMed=0 rho12=0.466)
Ste20
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

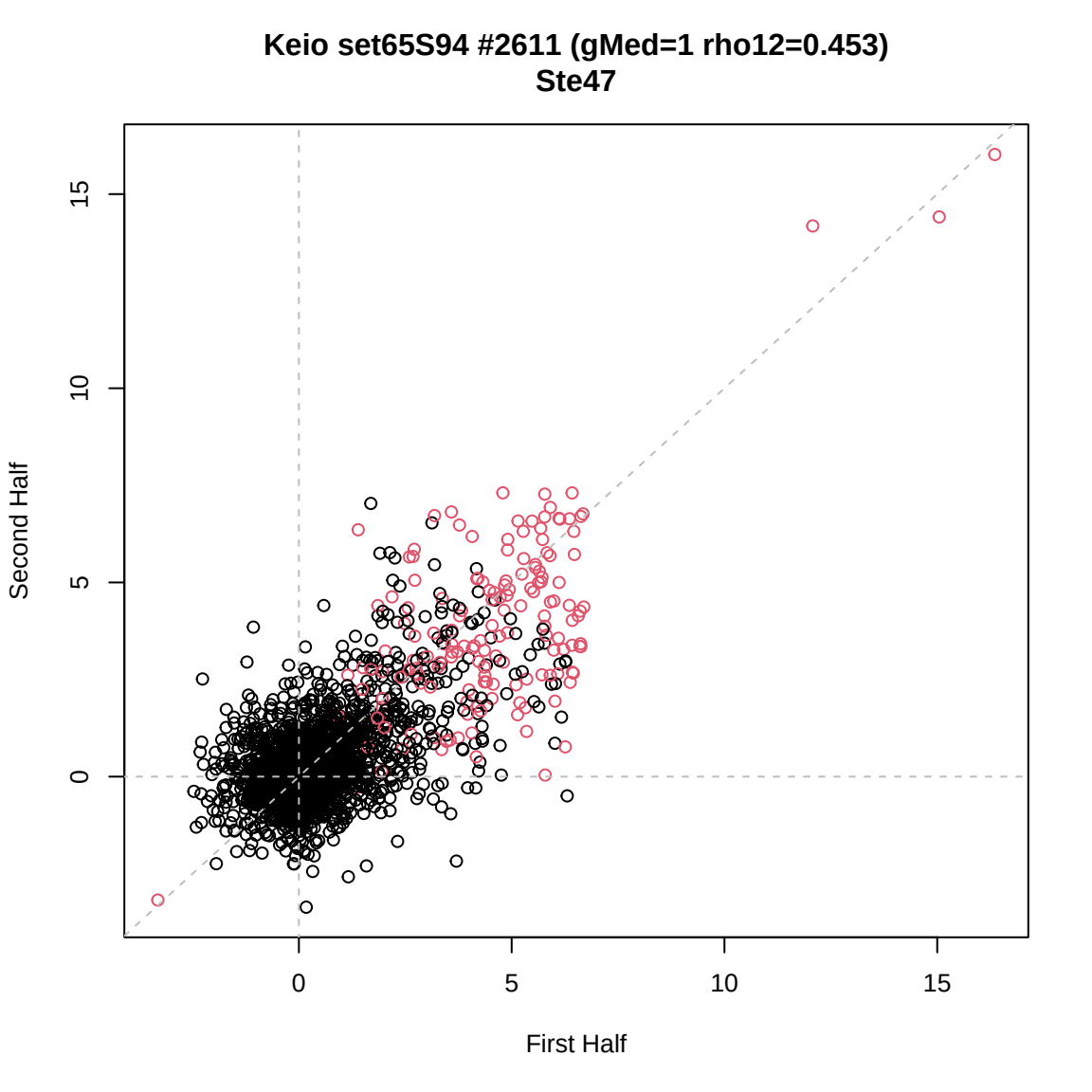

Keio set65S88 #2606 (gMed=0 rho12=0.464)
Ste20
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

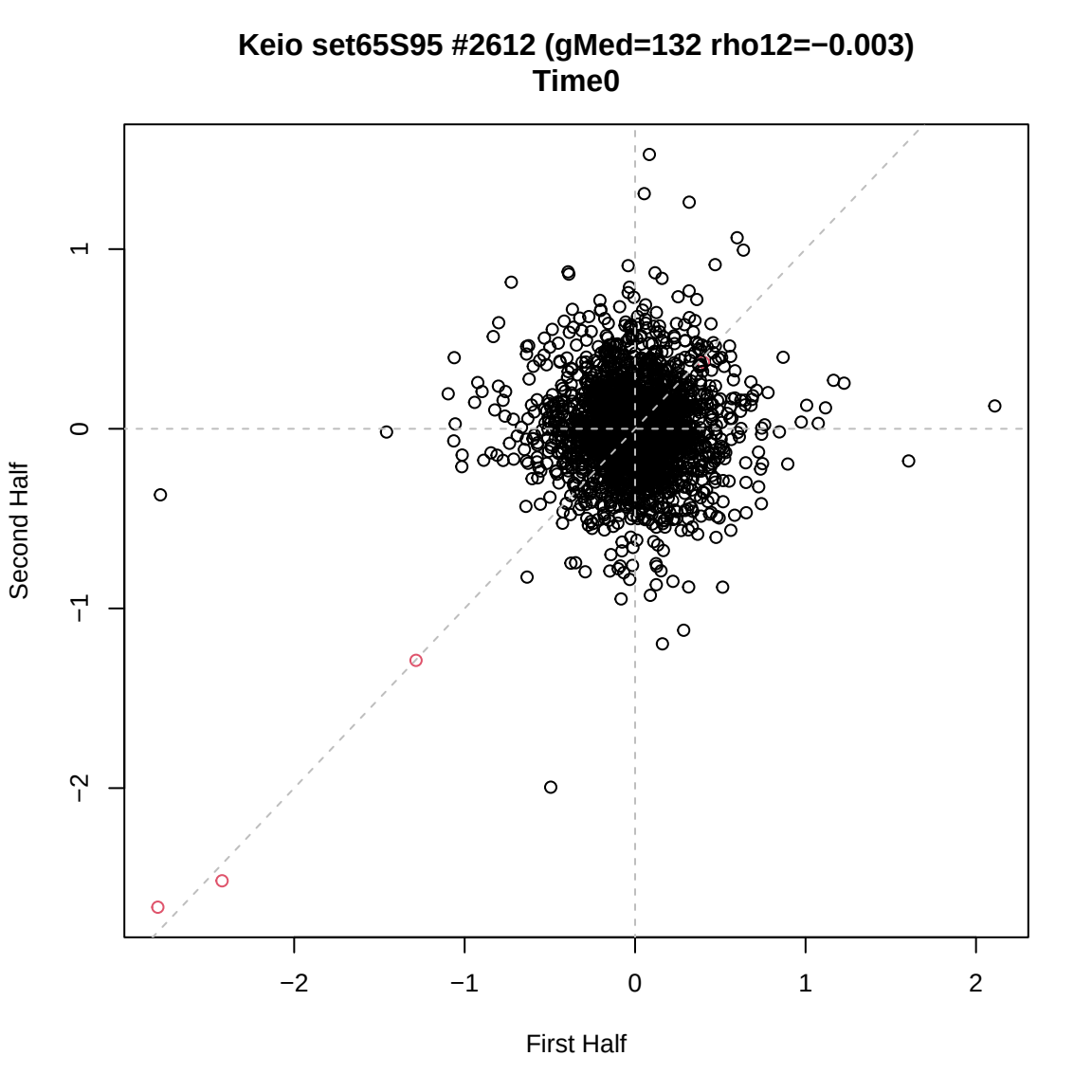

Keio set65S89 #2607 (gMed=155 rho12=−0.003)
Time0
Second Half
First Half
2
1
0
−1
−2
−1
0
1
2

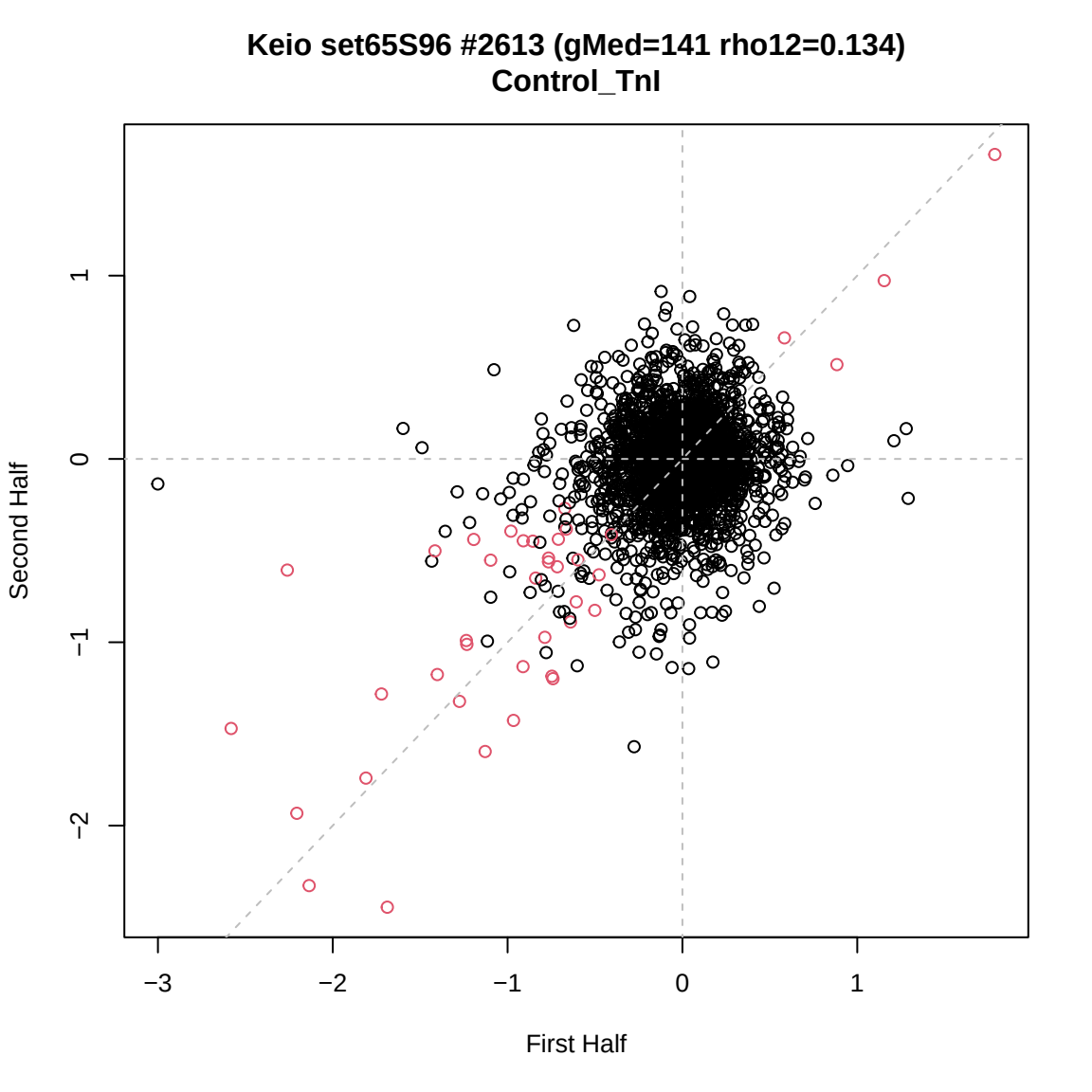

Keio set65S91 #2608 (gMed=0 rho12=0.467)
Ste39
Second Half
First Half
0
5
10
15
0
5
10
15

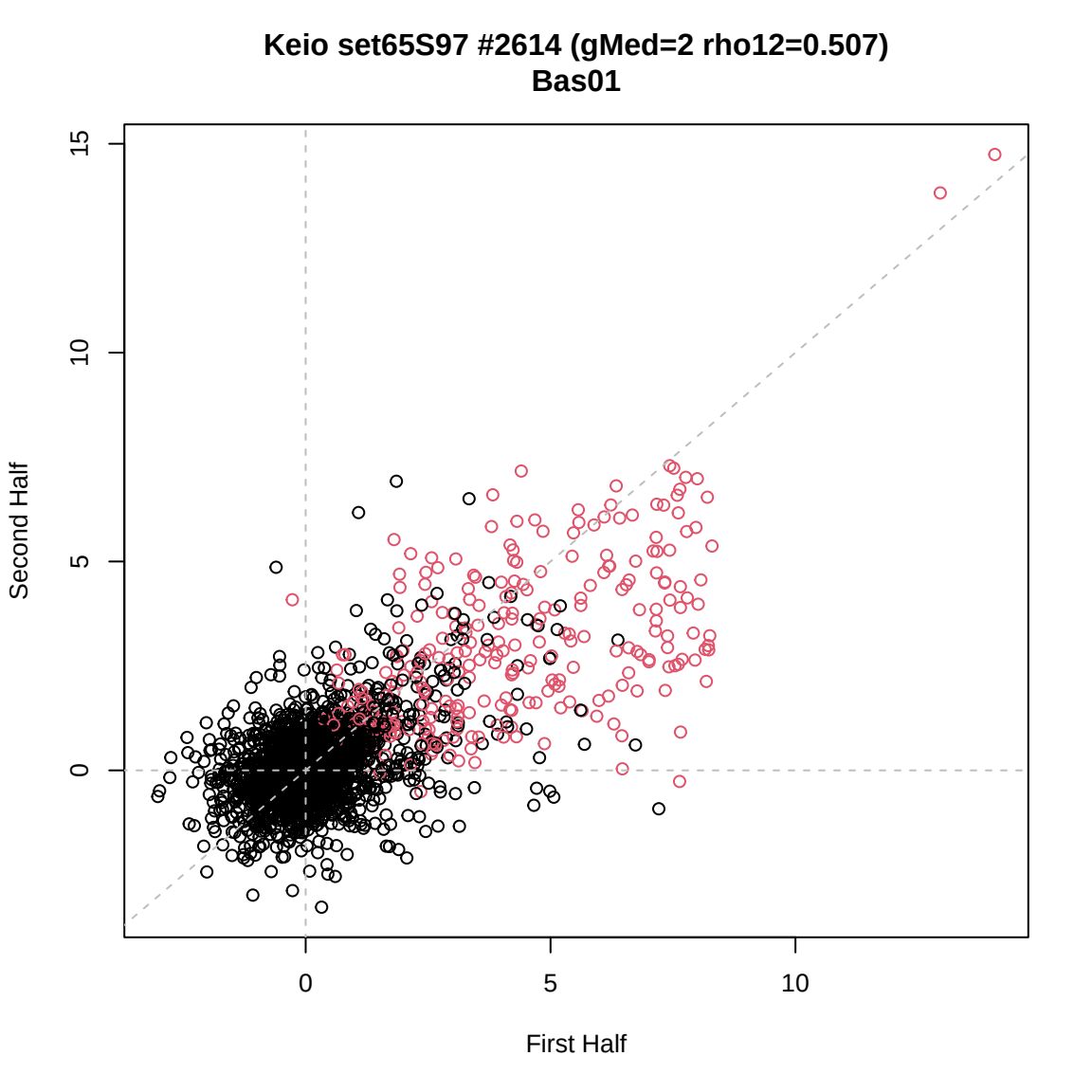

Keio set65S92 #2609 (gMed=0 rho12=0.464)
Ste39
Second Half
First Half
0
5
10
15

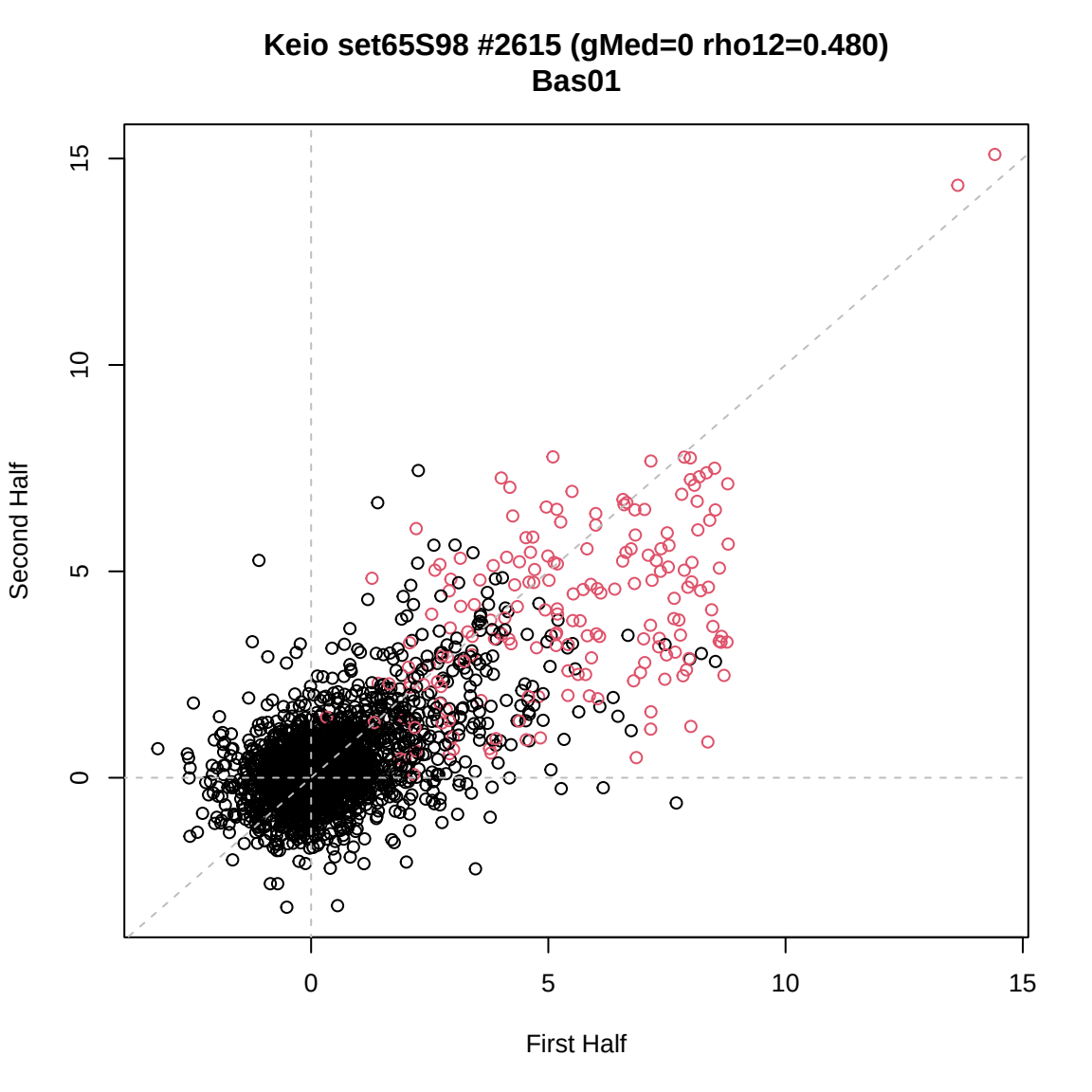

Keio set65S93 #2610 (gMed=0 rho12=0.455)
Ste47
Second Half
First Half
0
5
10
15
0
5
10
15

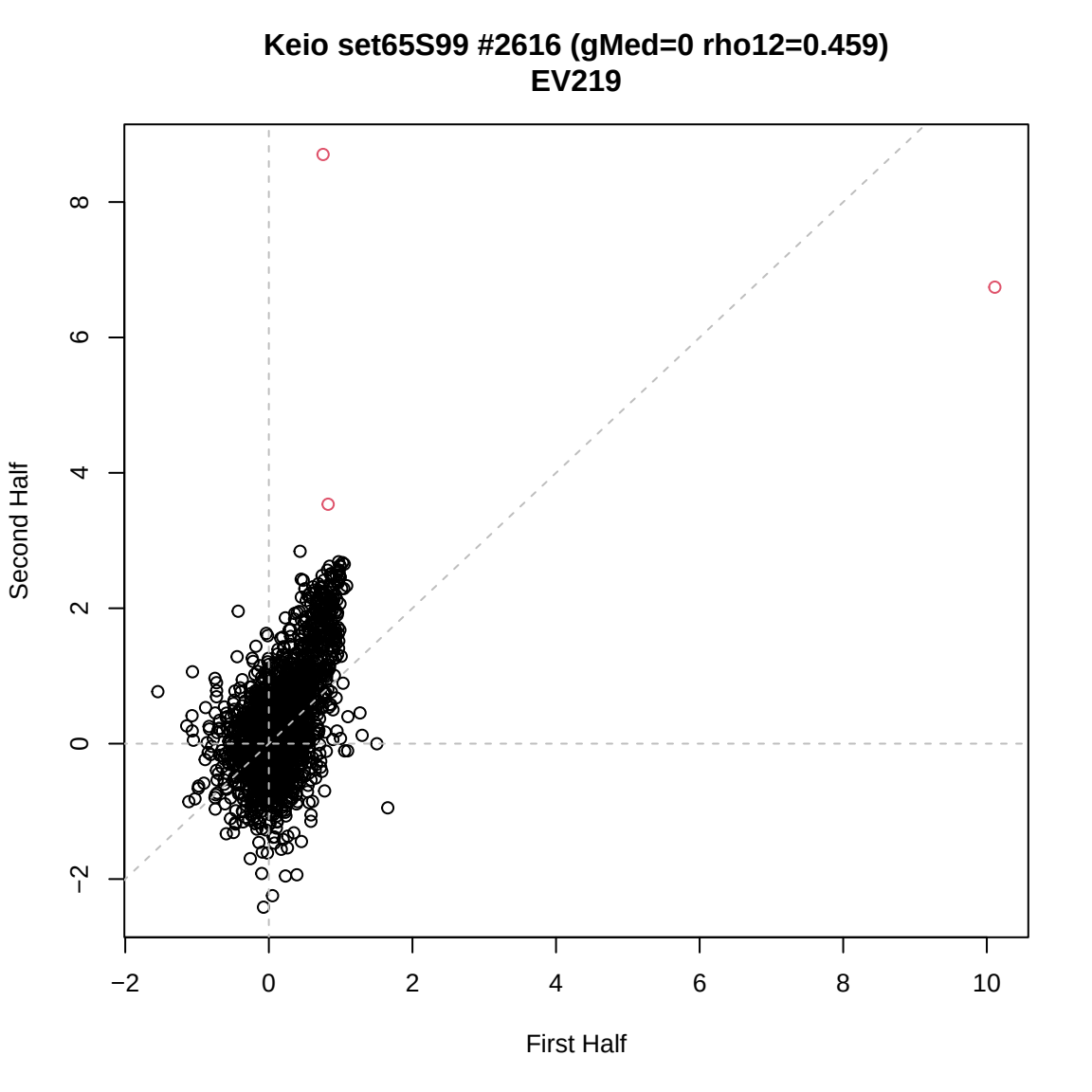

Keio set65S94 #2611 (gMed=1 rho12=0.453)
Ste47
Second Half
First Half
0
5
10
15
0
5
10
15

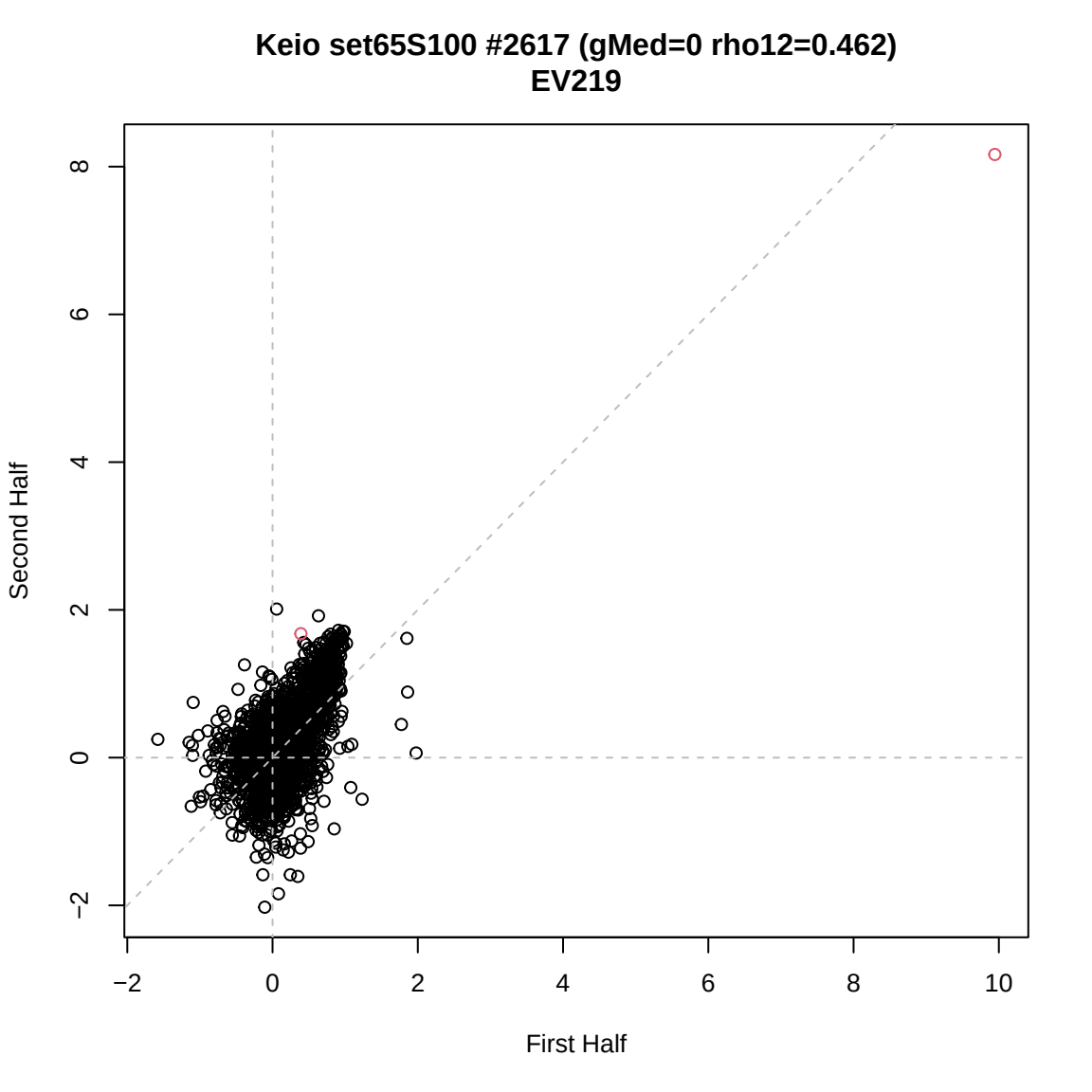

Keio set65S95 #2612 (gMed=132 rho12=−0.003)
Time0
Second Half
First Half
−2
−1
0
1
2
−2
−1
0
1

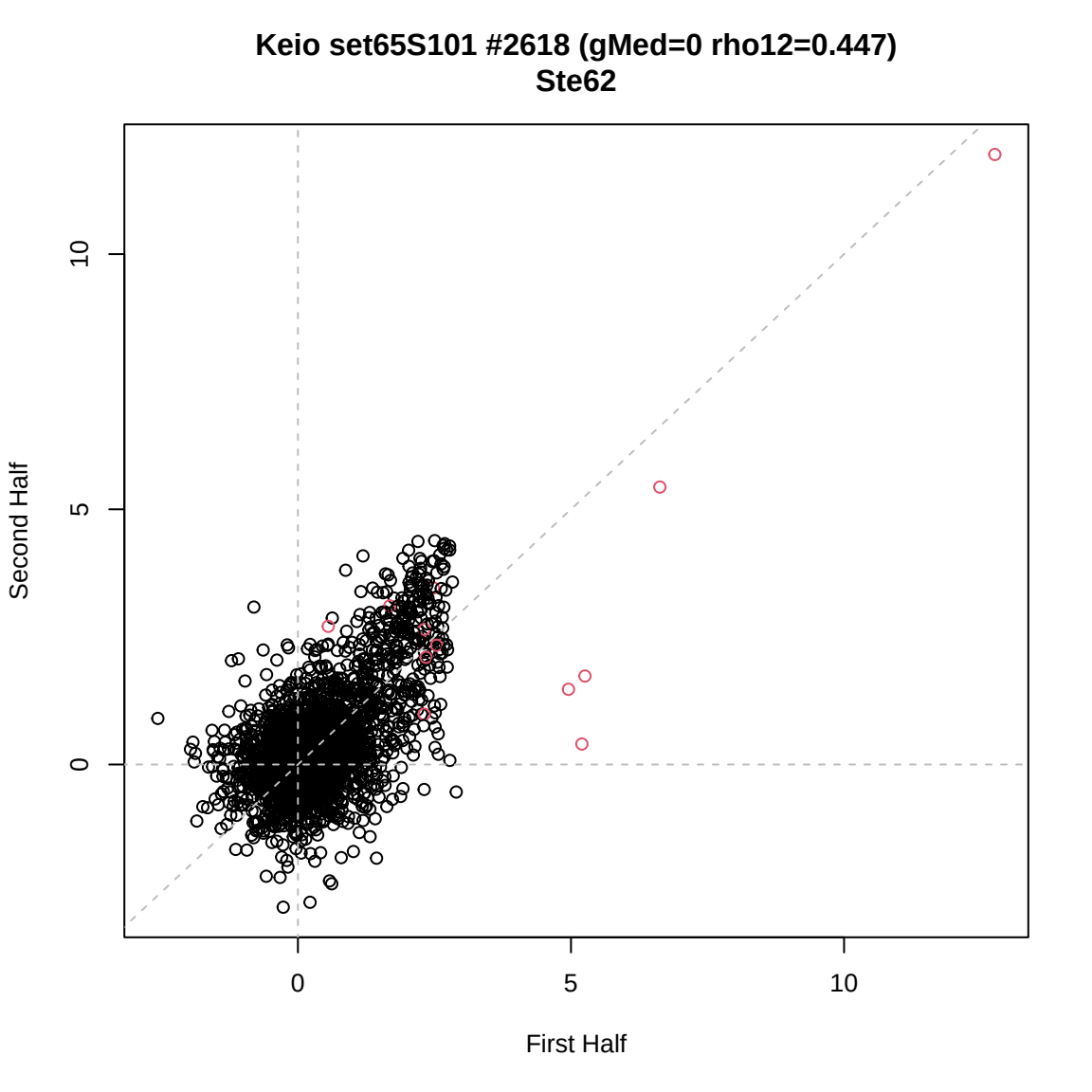

Keio set65S96 #2613 (gMed=141 rho12=0.134)
Control_TnI
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

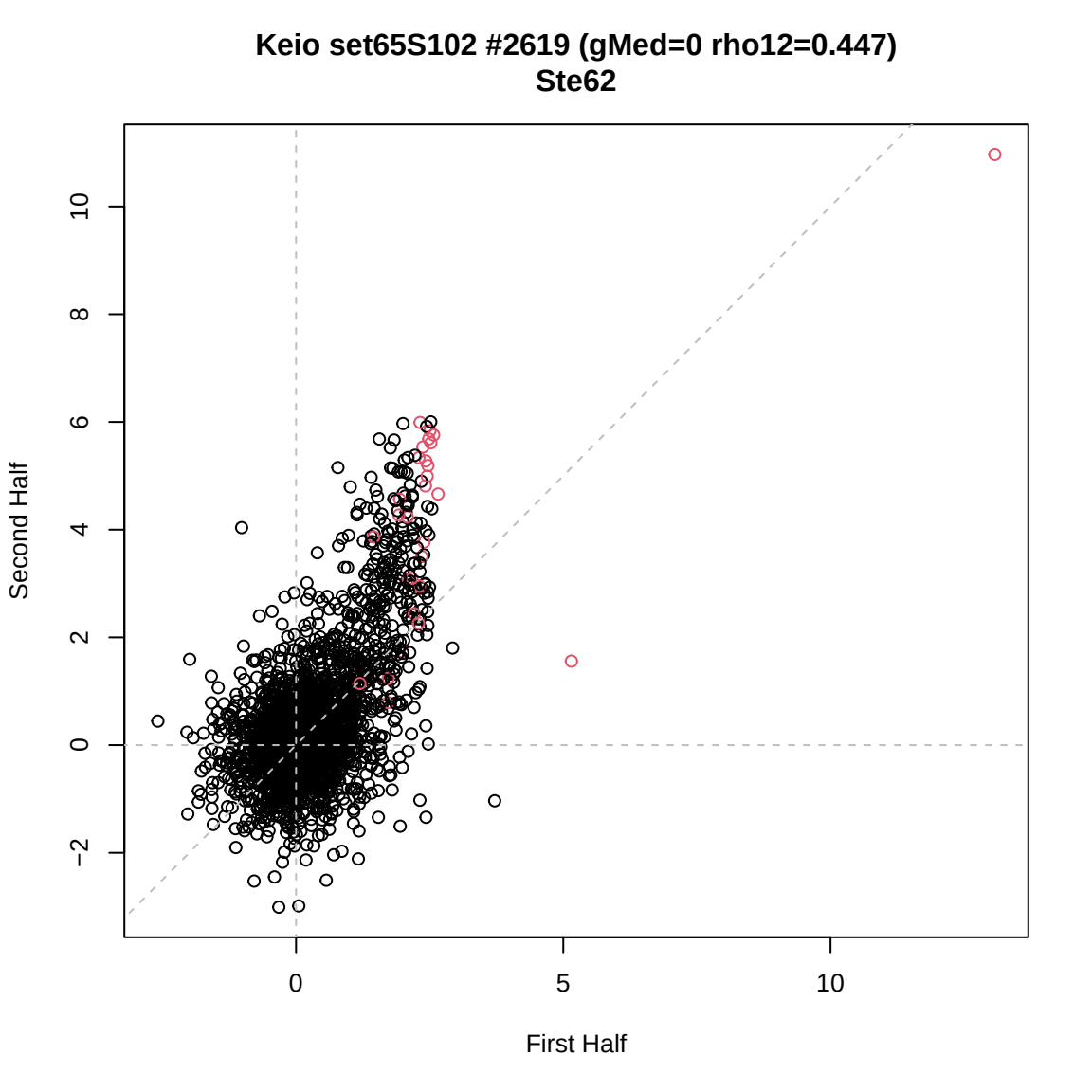

Keio set65S97 #2614 (gMed=2 rho12=0.507)
Bas01
Second Half
First Half
0
5
10
15
0
5
10

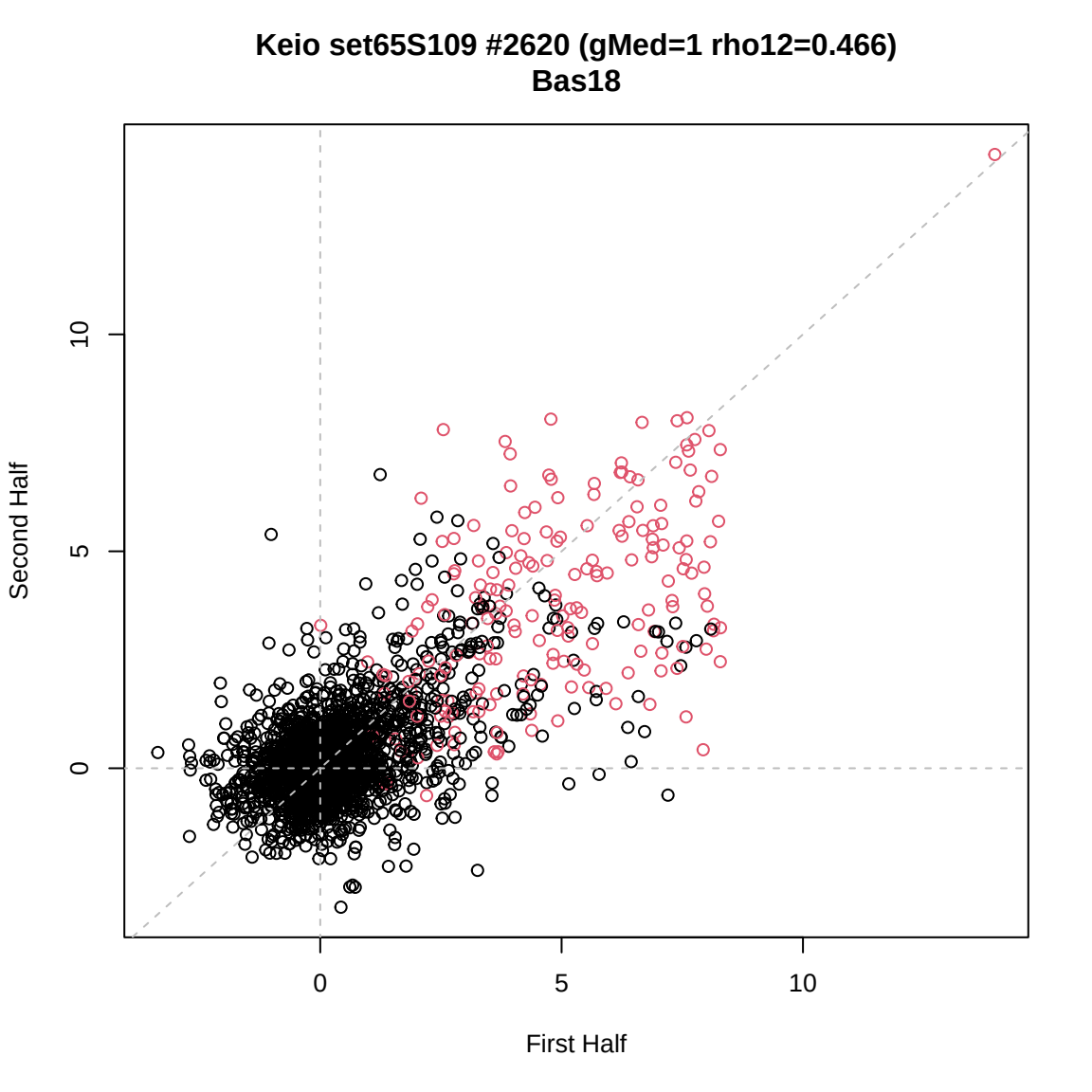

Keio set65S98 #2615 (gMed=0 rho12=0.480)
Bas01
Second Half
First Half
0
5
10
15

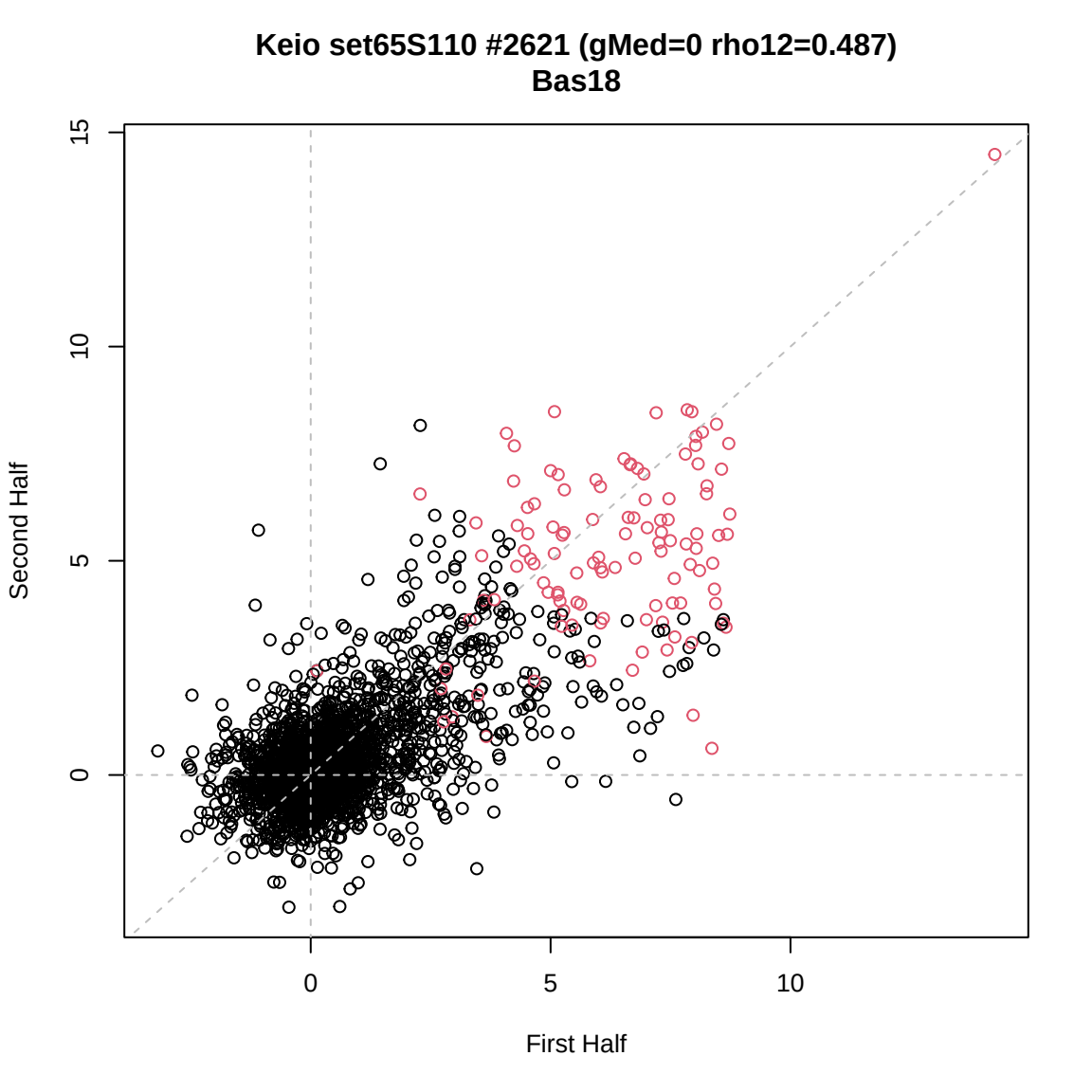

Keio set65S99 #2616 (gMed=0 rho12=0.459)
EV219
Second Half
First Half
−2
0
2
4
6
8
10

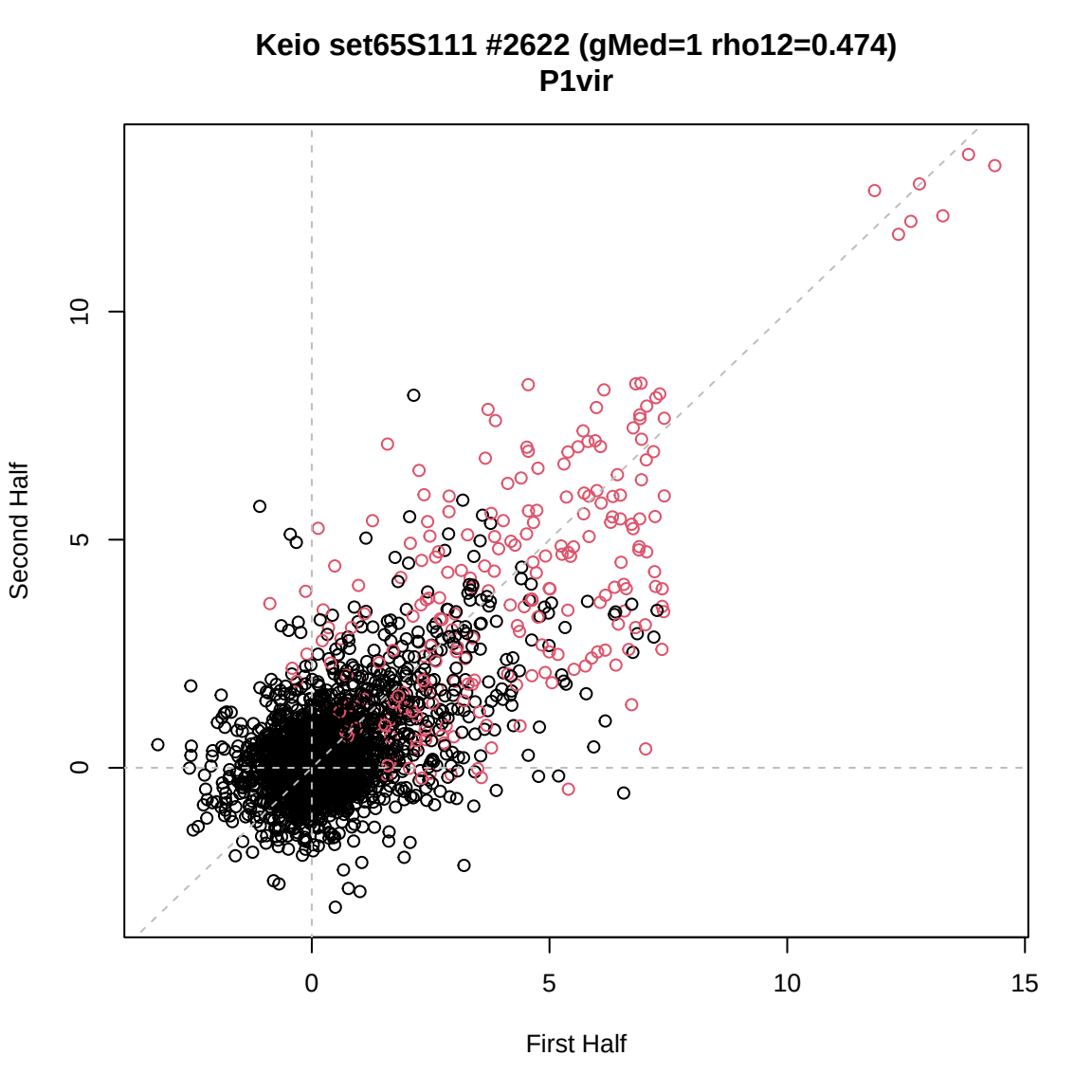

Keio set65S100 #2617 (gMed=0 rho12=0.462)
EV219
Second Half
First Half
−2
0
2
4
6
8
10

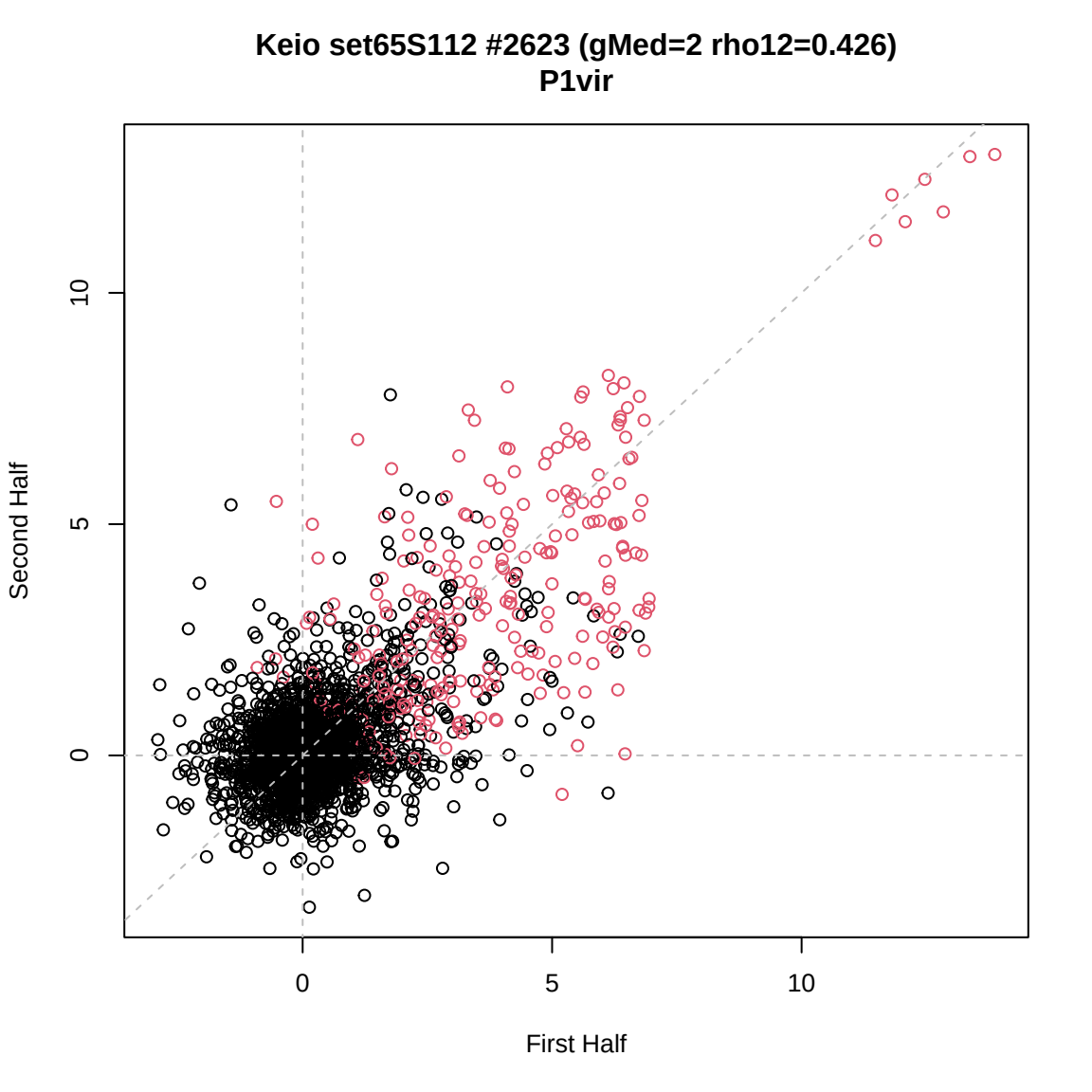

Keio set65S101 #2618 (gMed=0 rho12=0.447)
Ste62
Second Half
First Half
0
5
10
0
5
10

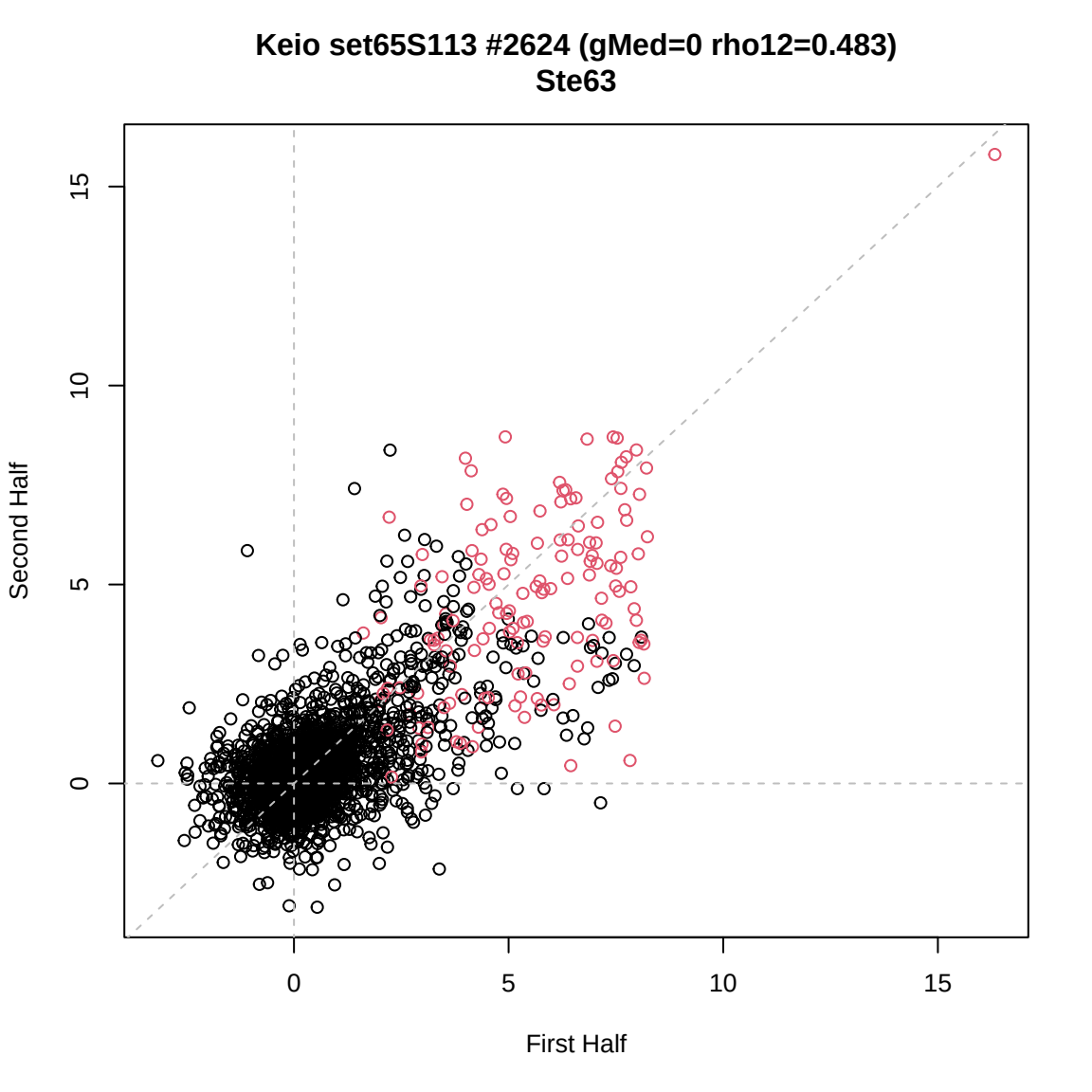

Keio set65S102 #2619 (gMed=0 rho12=0.447)
Ste62
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10

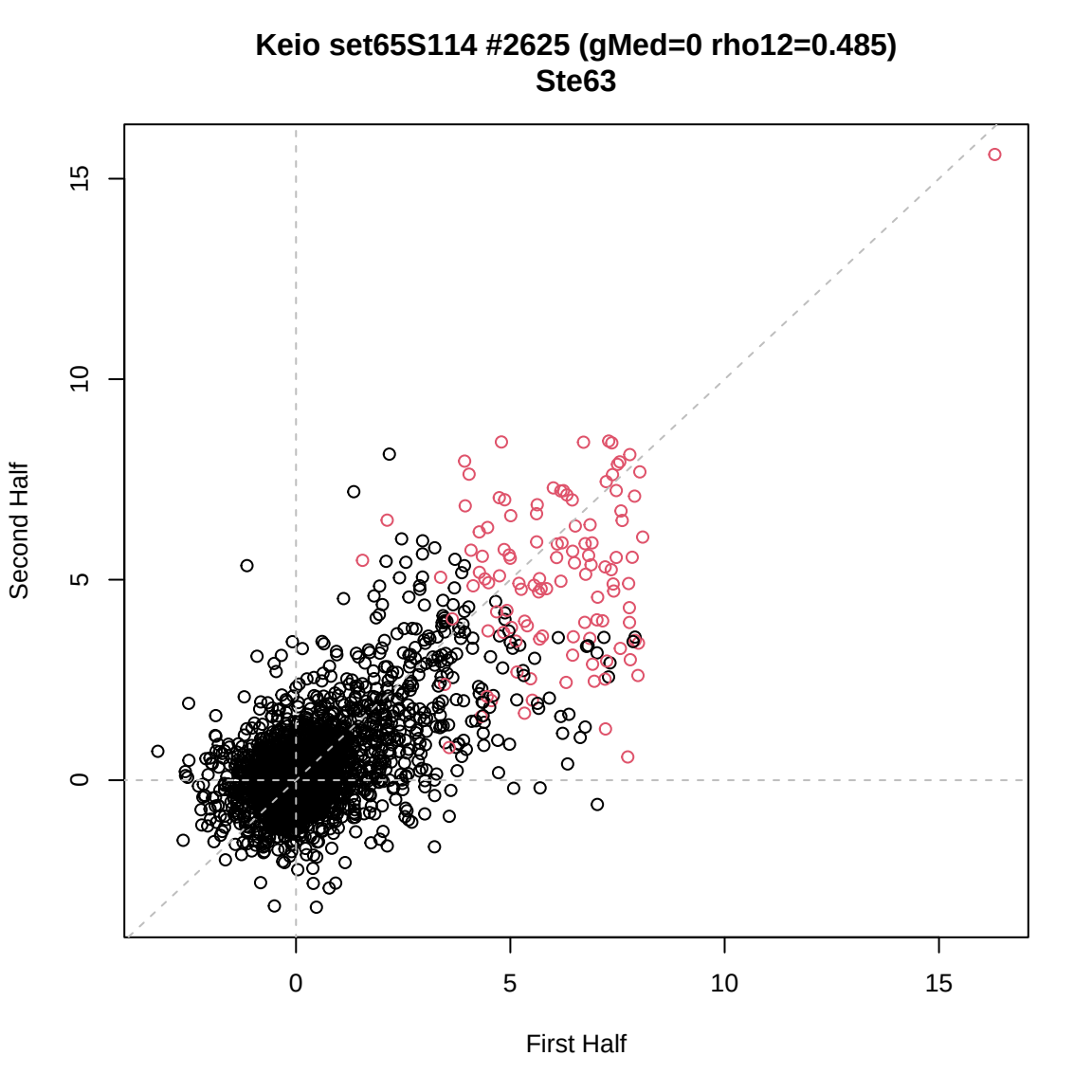

Keio set65S109 #2620 (gMed=1 rho12=0.466)
Bas18
Second Half
First Half
0
5
10
0
5
10

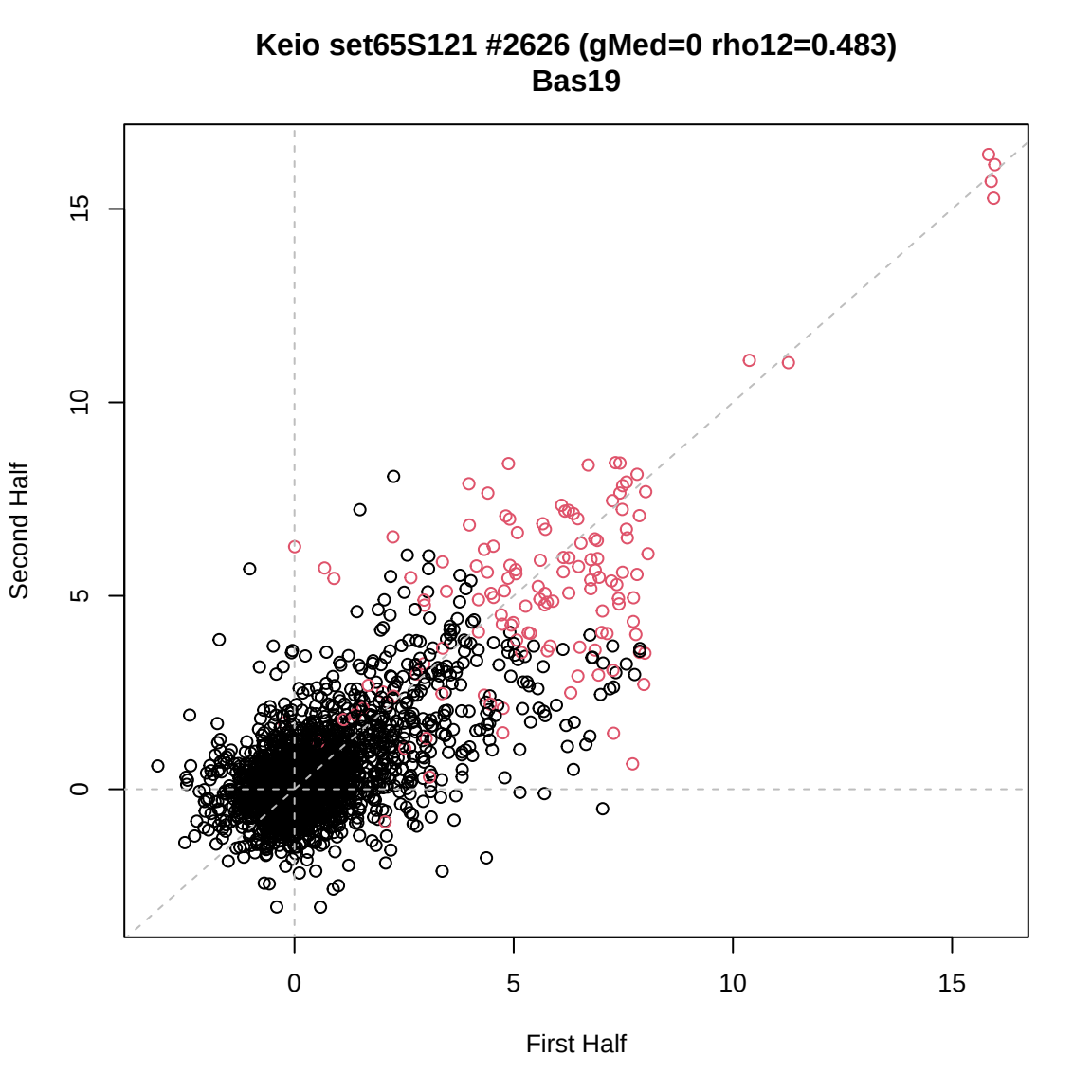

Keio set65S110 #2621 (gMed=0 rho12=0.487)
Bas18
Second Half
First Half
15
10
5
0
0
5
10

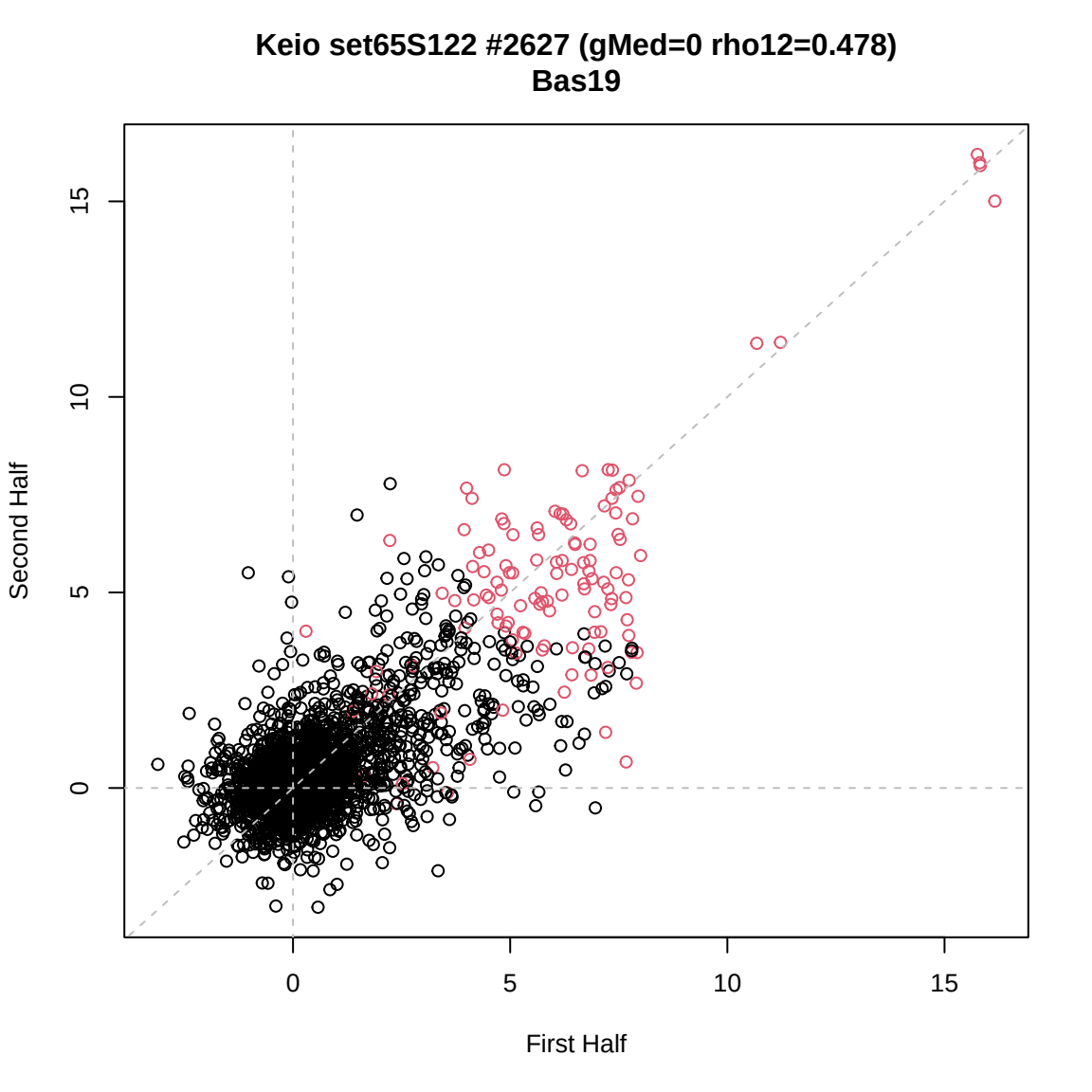

Keio set65S111 #2622 (gMed=1 rho12=0.474)
P1vir
Second Half
First Half
0
5
10
15
0
5
10

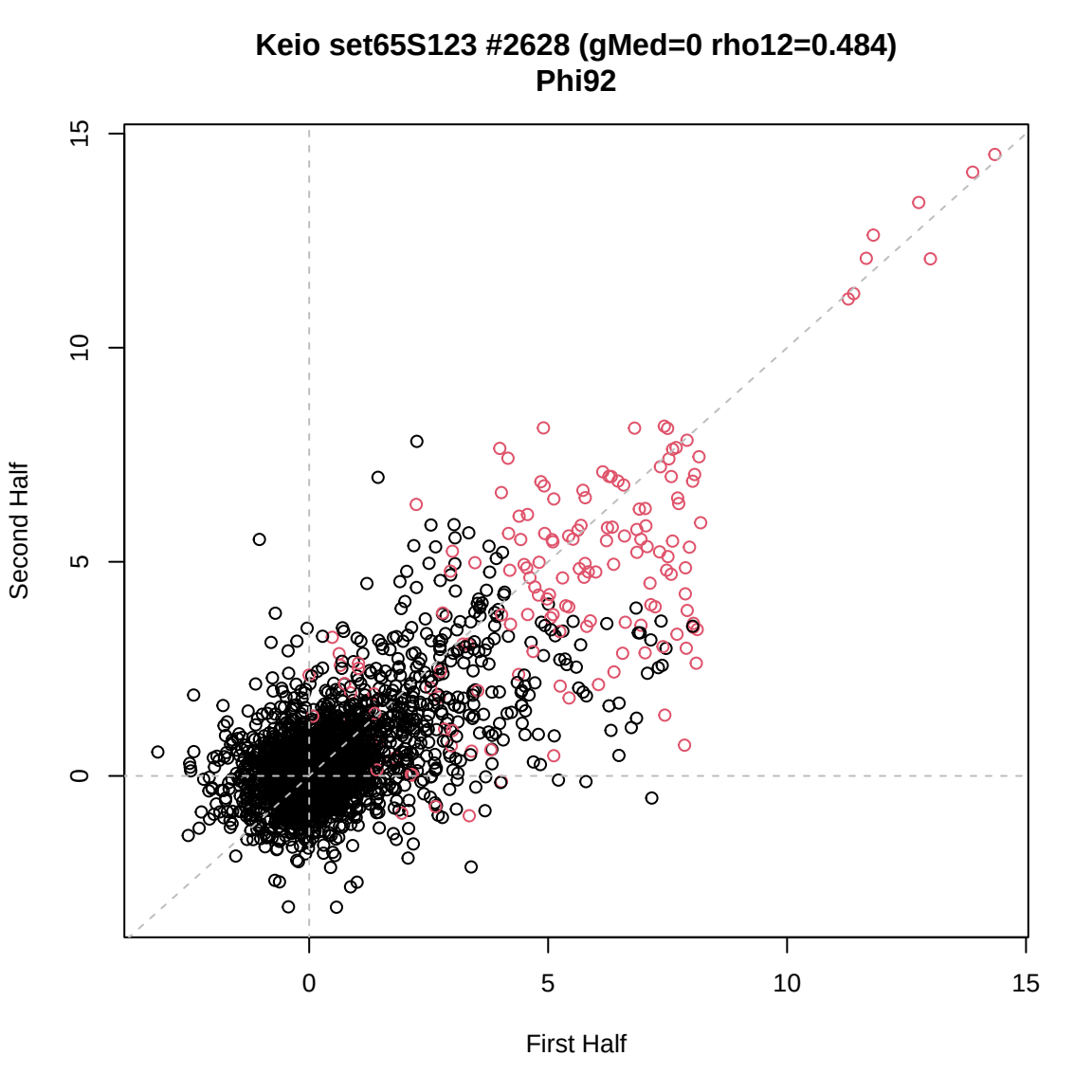

Keio set65S112 #2623 (gMed=2 rho12=0.426)
P1vir
Second Half
First Half
0
5
10
0
5
10

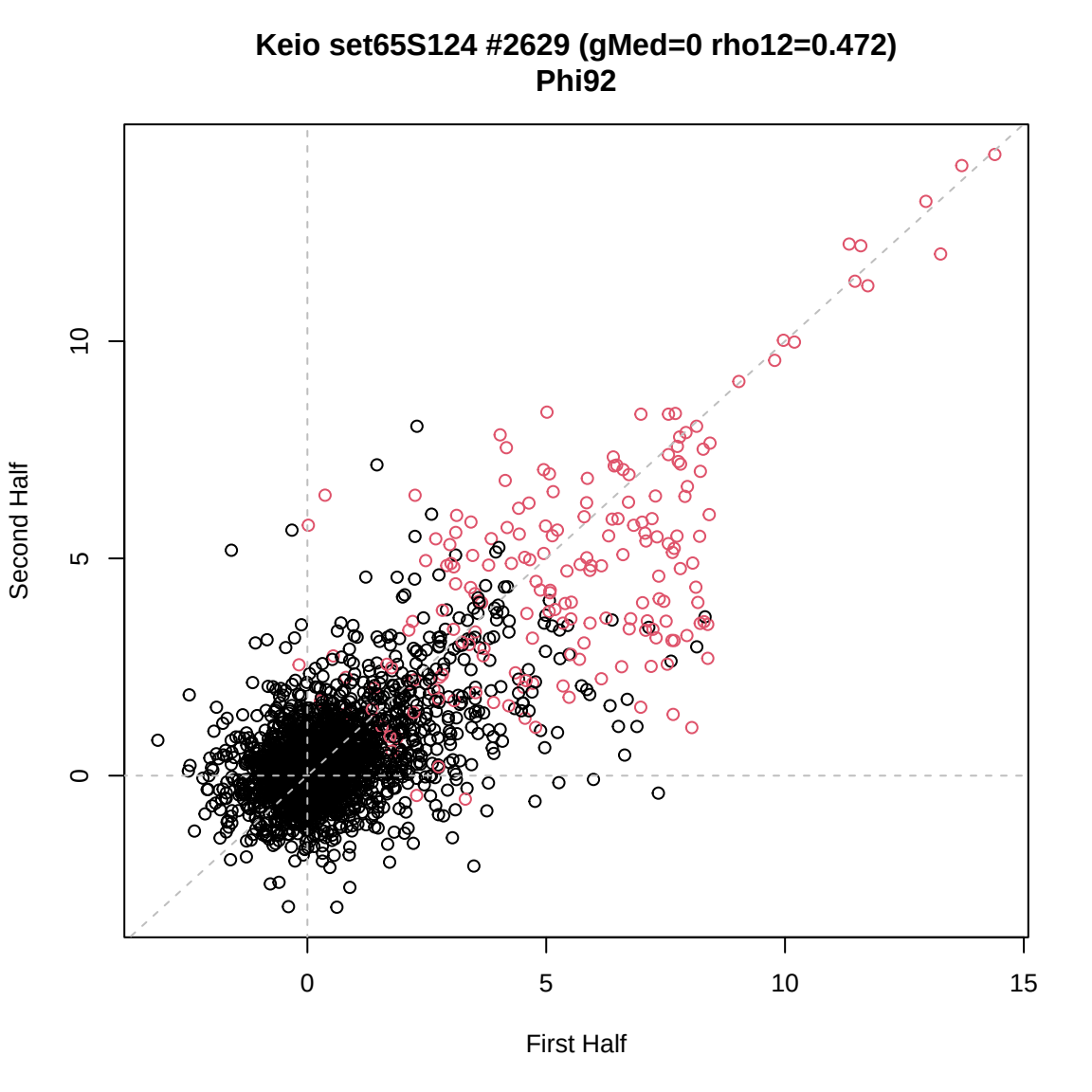

Keio set65S113 #2624 (gMed=0 rho12=0.483)
Ste63
Second Half
First Half
0
5
10
15

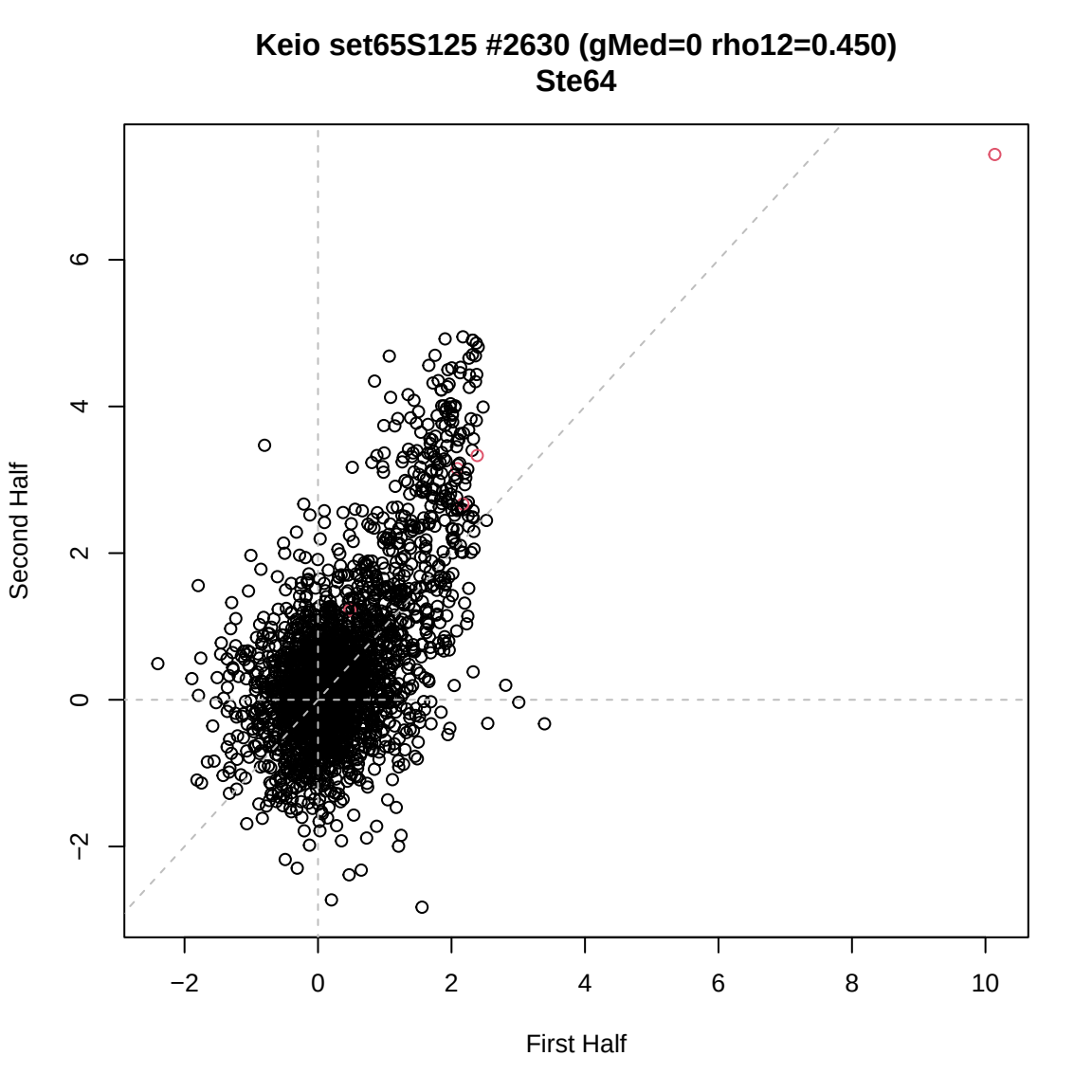

Keio set65S114 #2625 (gMed=0 rho12=0.485)
Ste63
Second Half
First Half
0
5
10
15

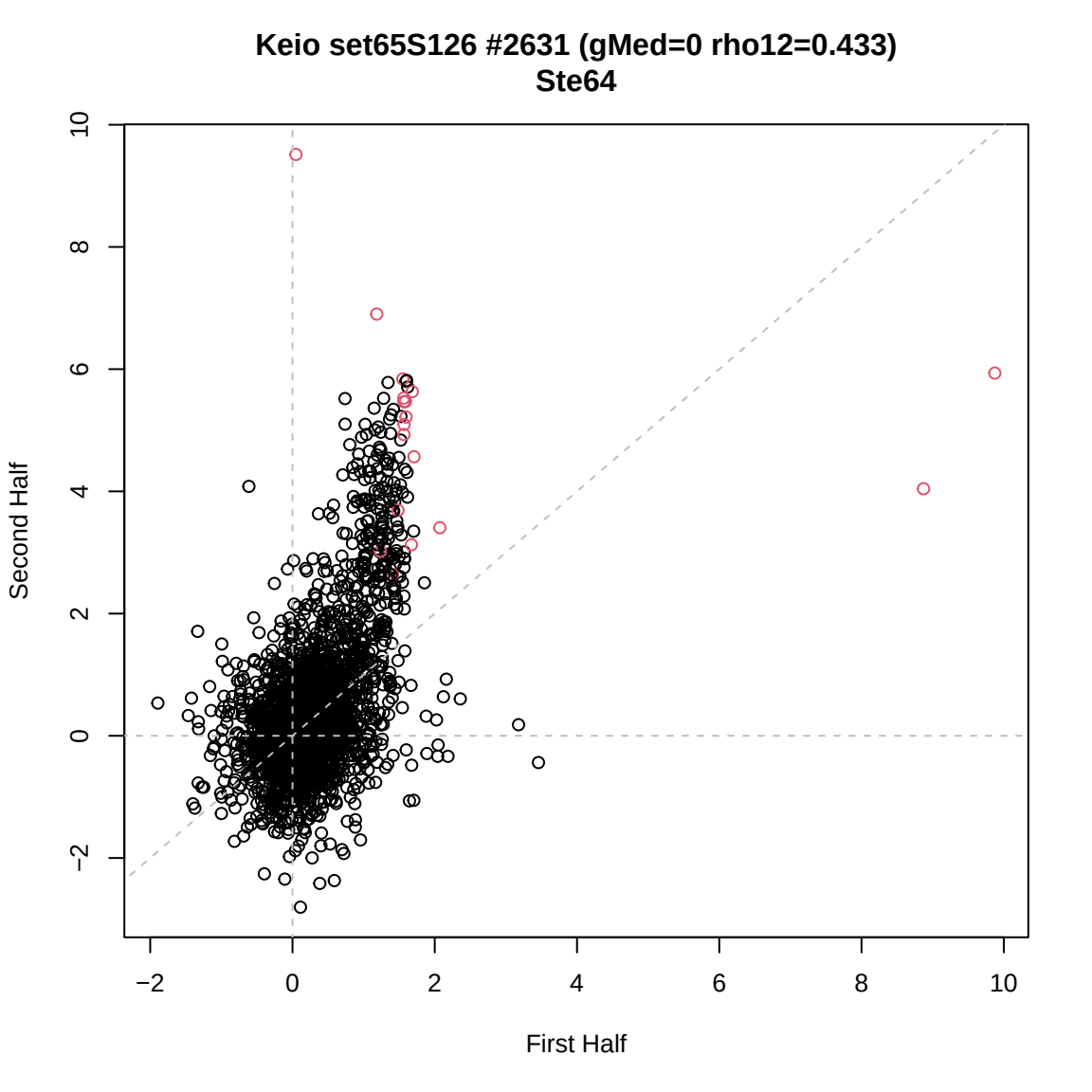

Keio set65S121 #2626 (gMed=0 rho12=0.483)
Bas19
Second Half
First Half
0
5
10
15
0
5
10
15

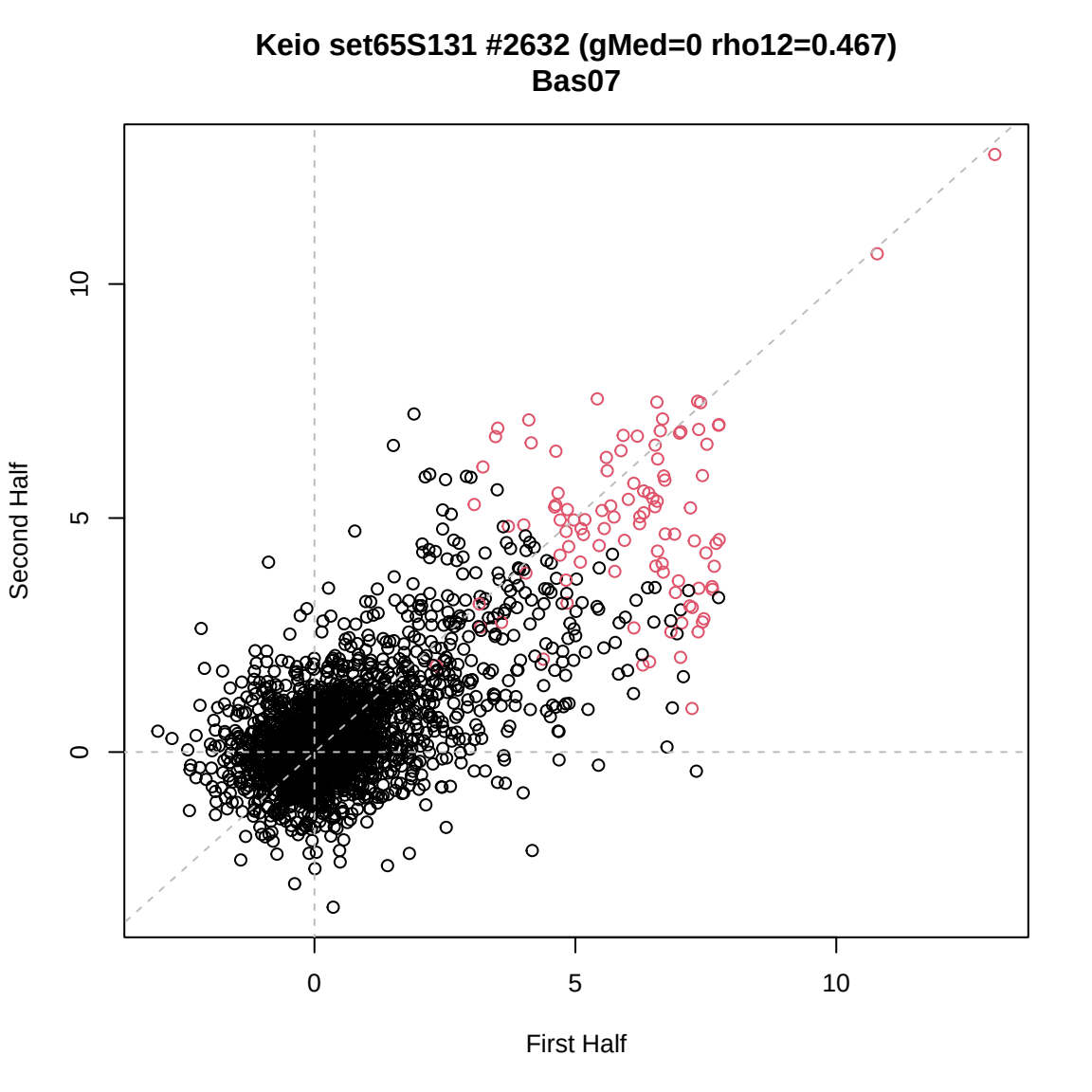

Keio set65S122 #2627 (gMed=0 rho12=0.478)
Bas19
Second Half
First Half
0
5
10
15
0
5
10
15

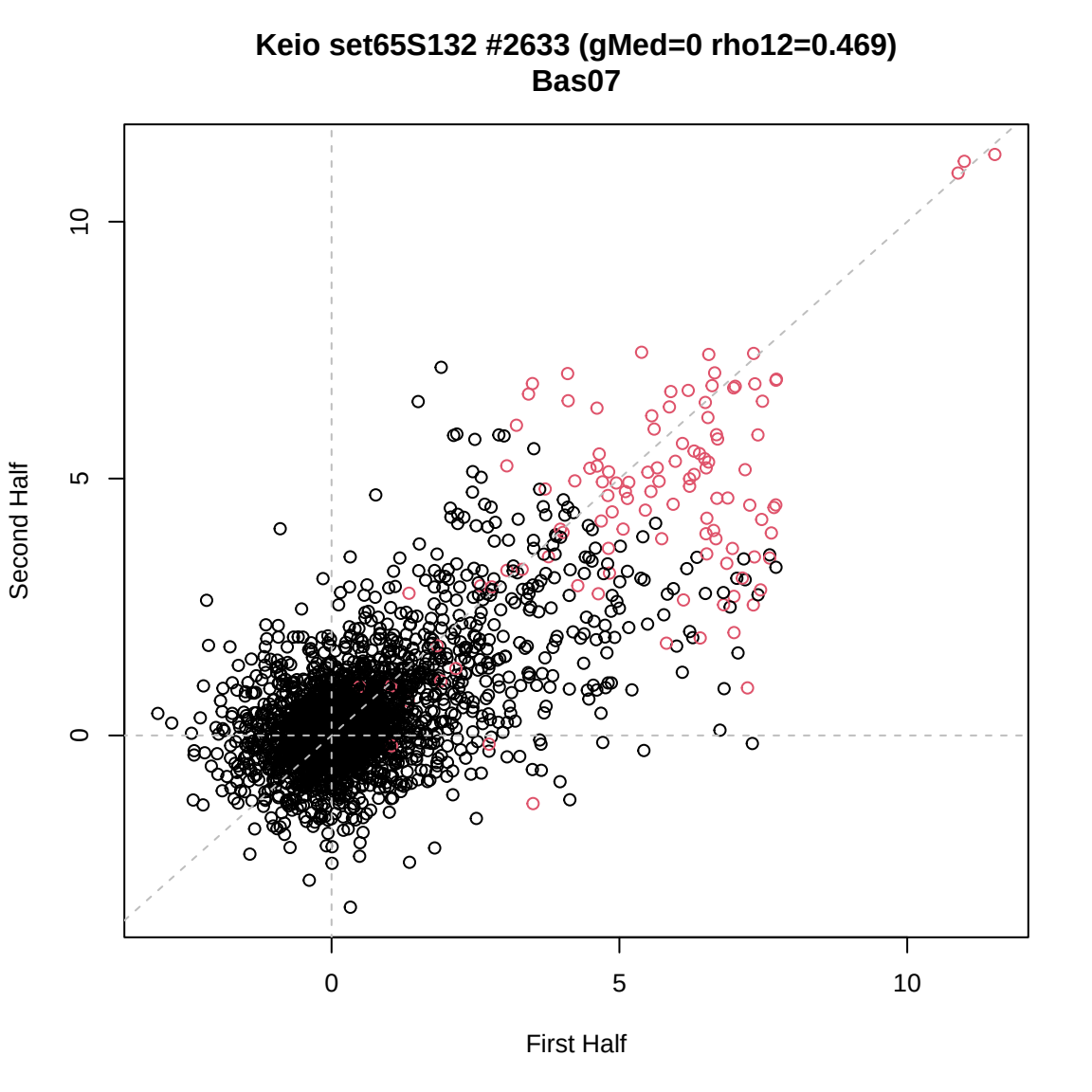

Keio set65S123 #2628 (gMed=0 rho12=0.484)
Phi92
Second Half
First Half
15
10
5
0
0
5
10
15

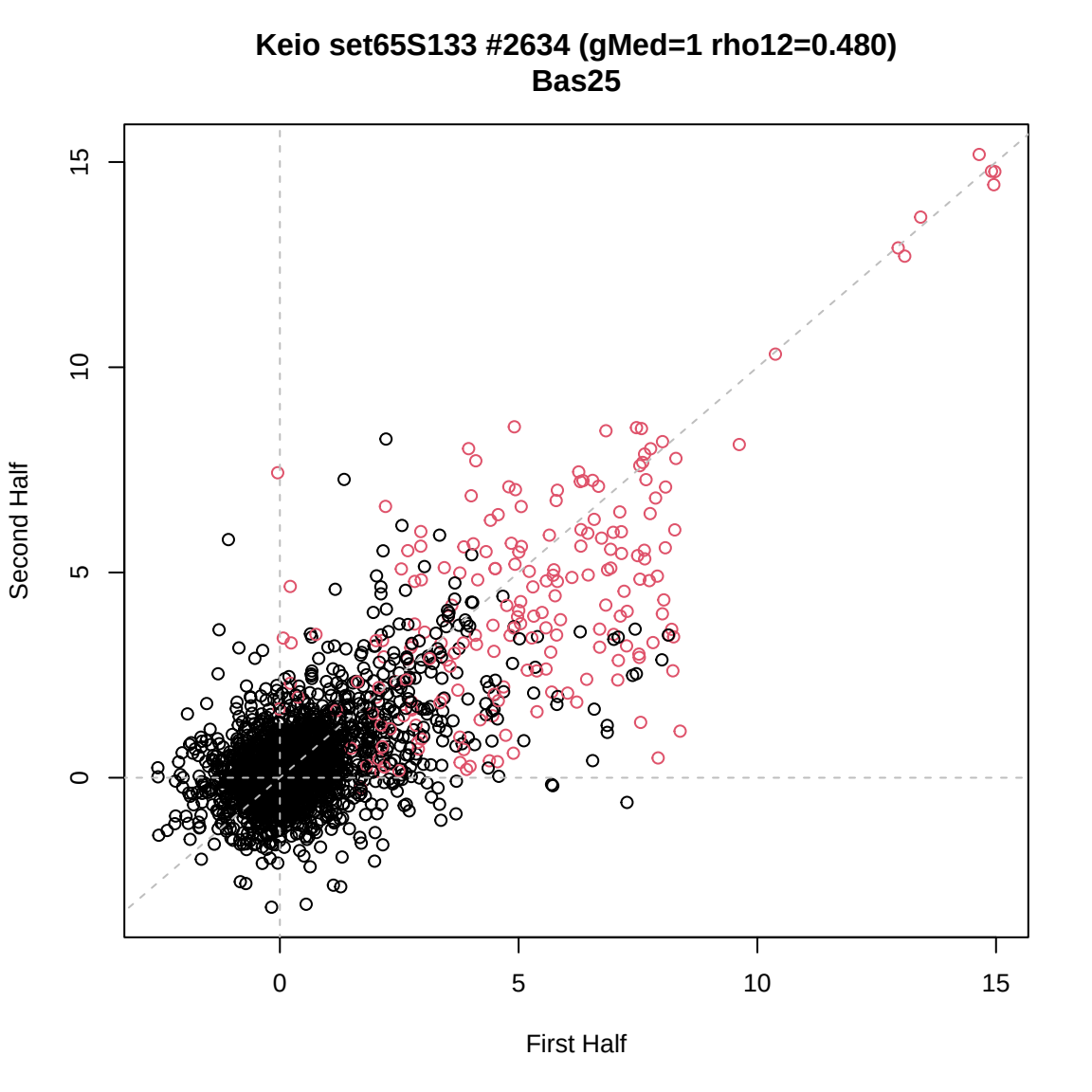

Keio set65S124 #2629 (gMed=0 rho12=0.472)
Phi92
Second Half
First Half
0
5
10
15
0
5
10

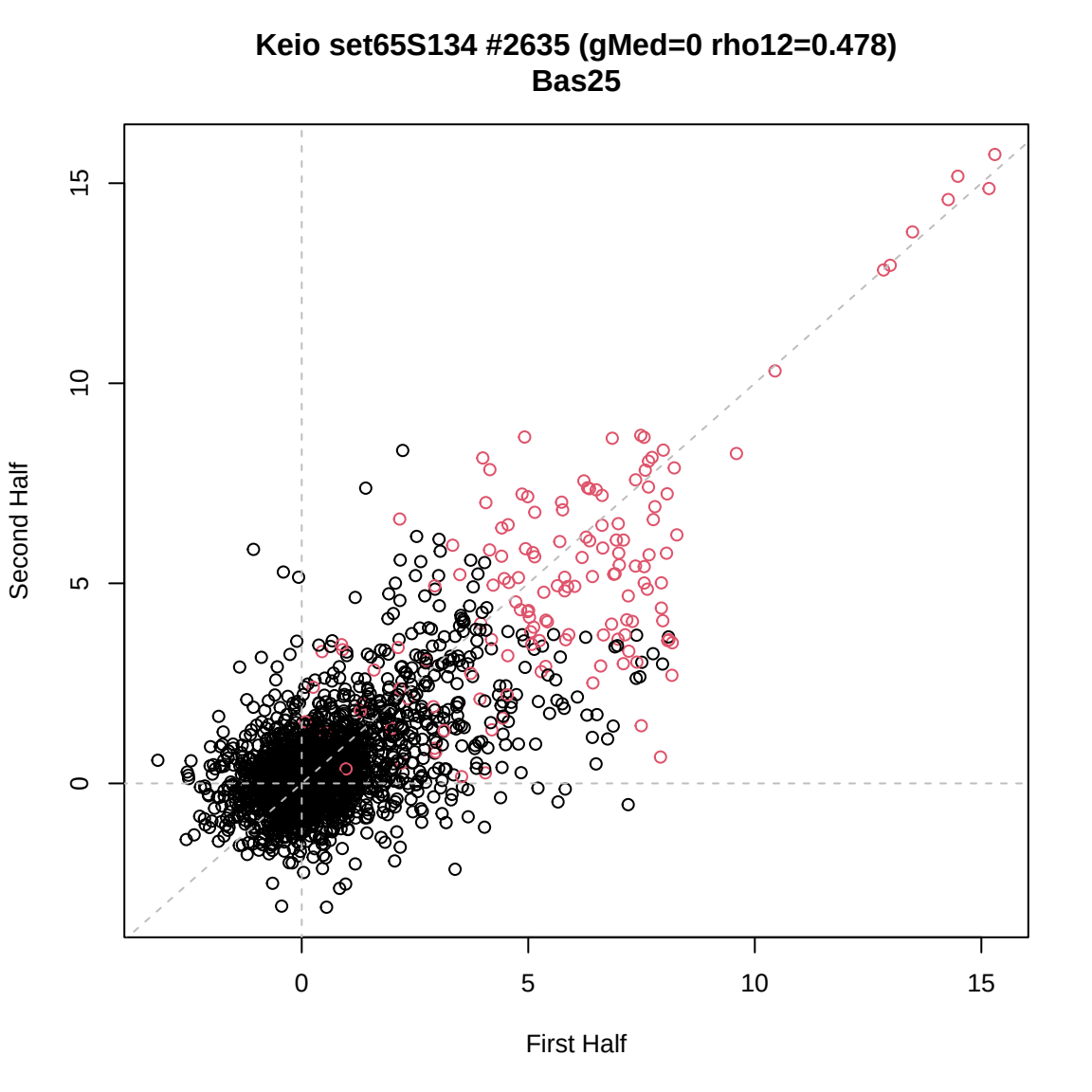

Keio set65S125 #2630 (gMed=0 rho12=0.450)
Ste64
Second Half
First Half
−2
0
2
4
6
8
10
−2
0
2
4
6

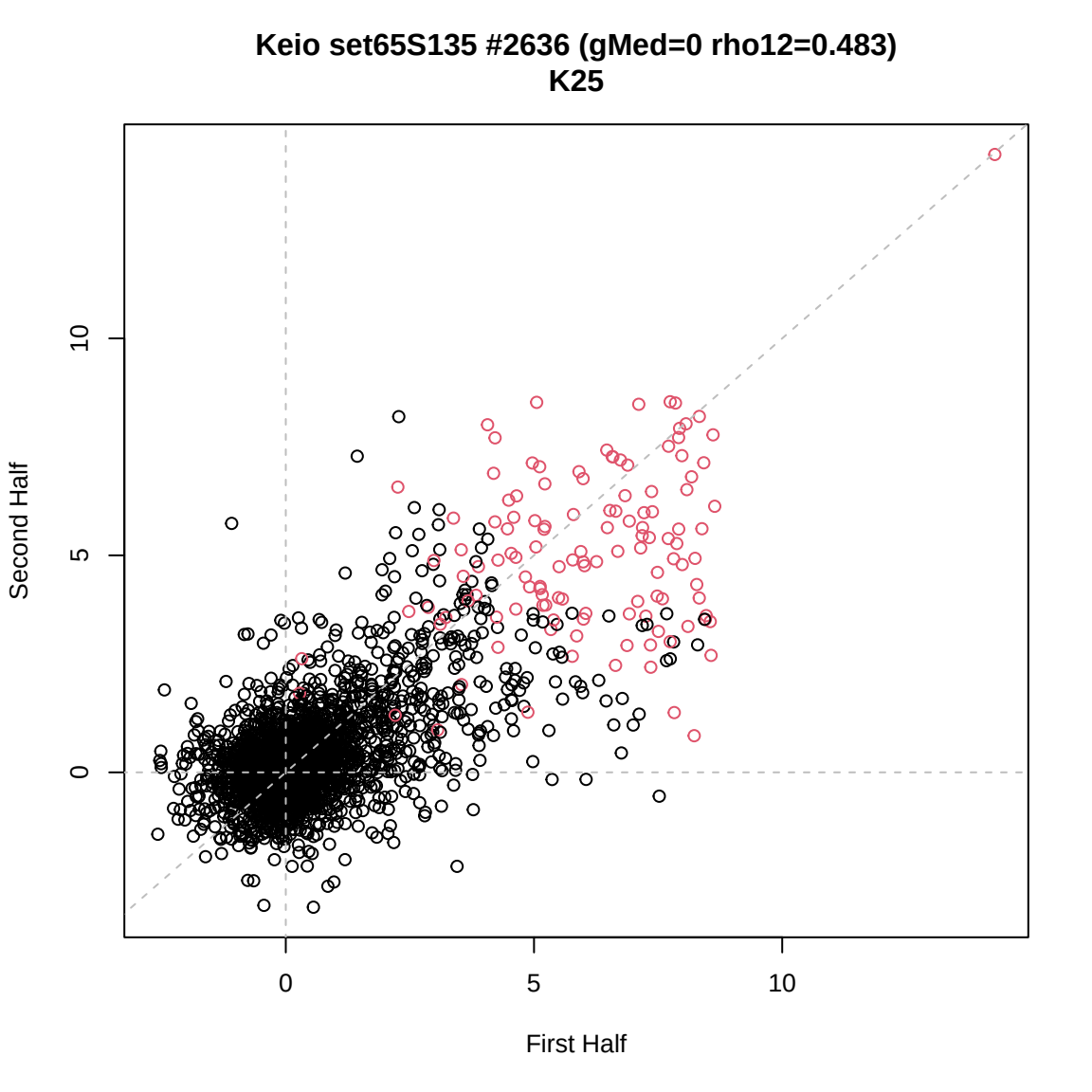

Keio set65S126 #2631 (gMed=0 rho12=0.433)
Ste64
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

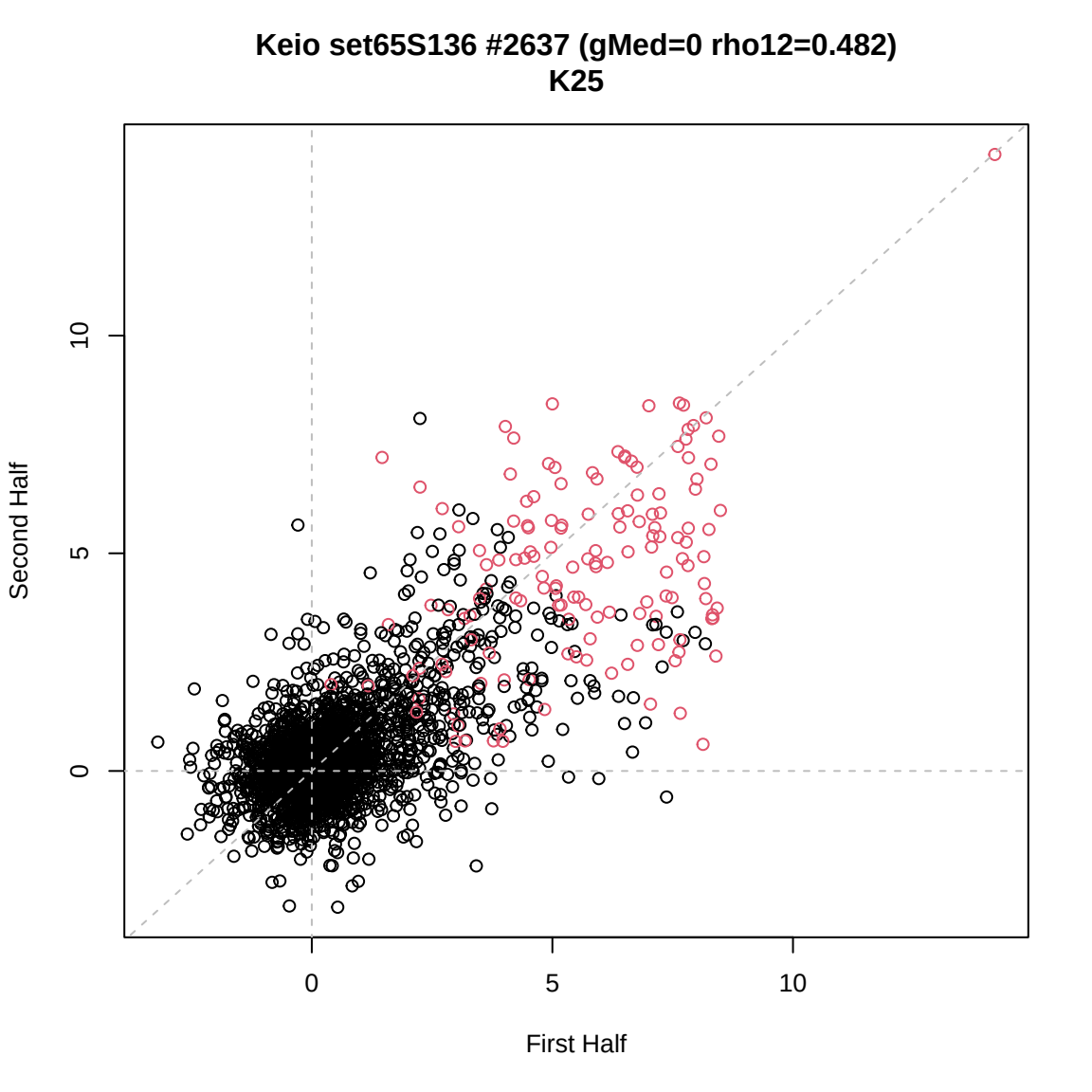

Keio set65S131 #2632 (gMed=0 rho12=0.467)
Bas07
Second Half
First Half
0
5
10
0
5
10

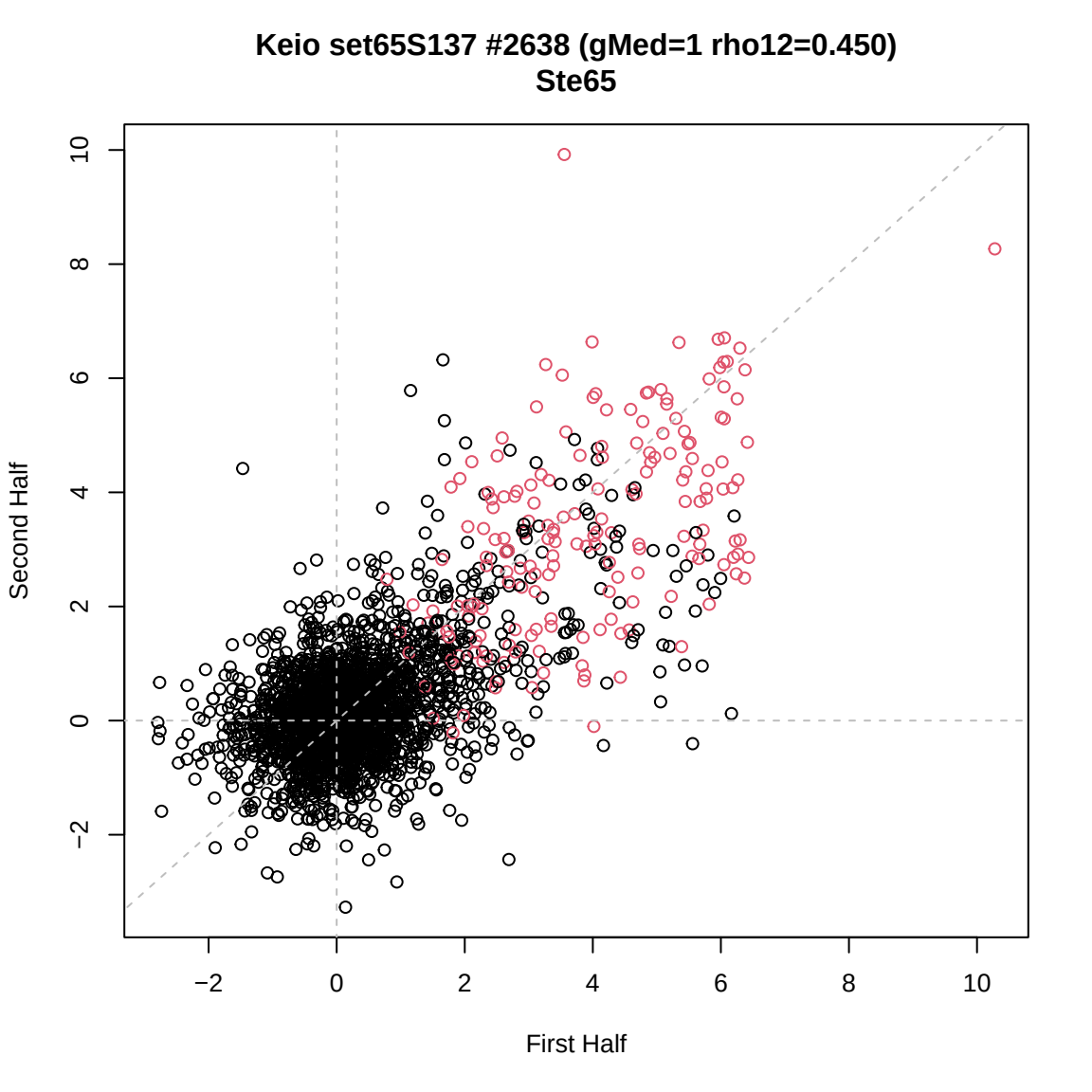

Keio set65S132 #2633 (gMed=0 rho12=0.469)
Bas07
Second Half
First Half
0
5
10
0
5
10

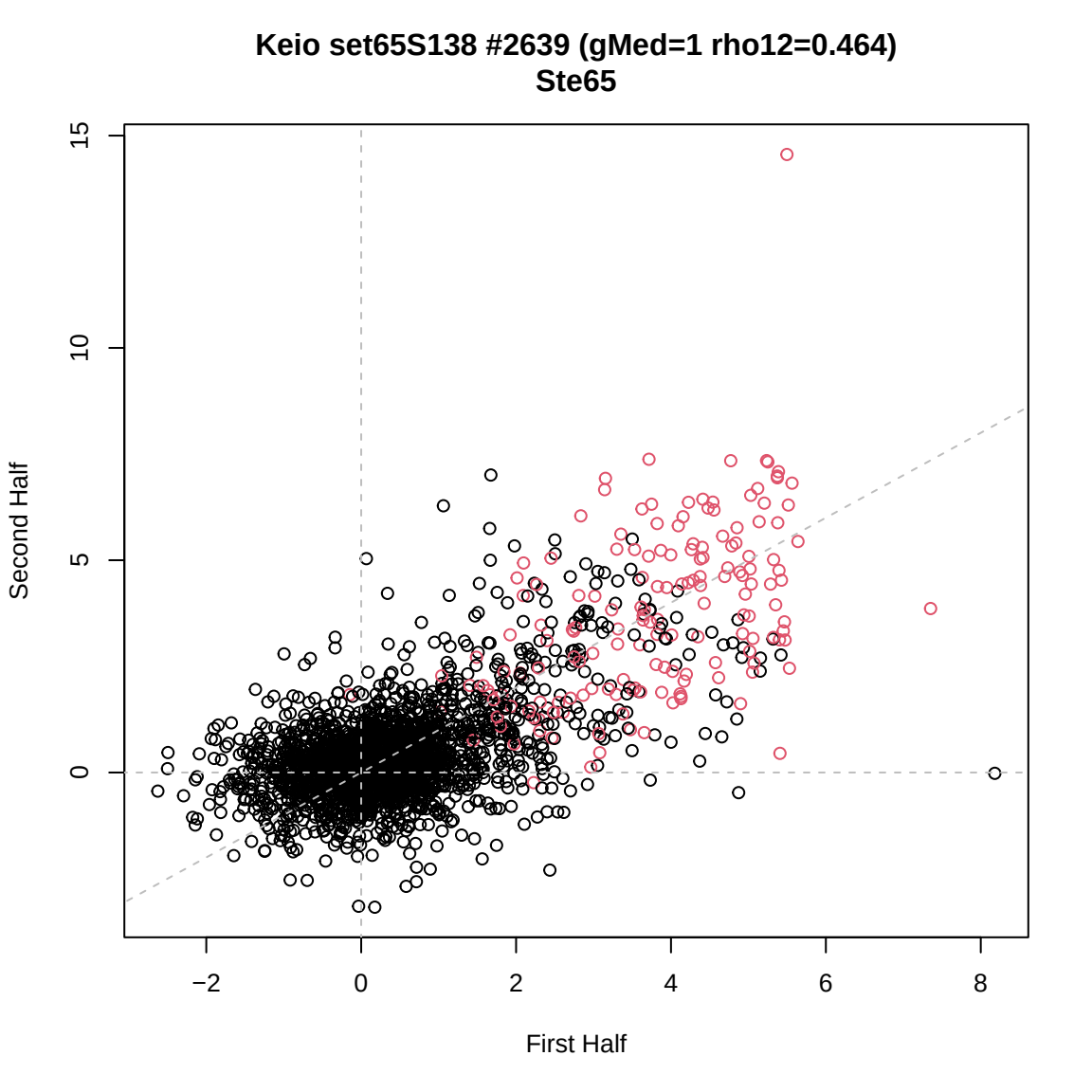

Keio set65S133 #2634 (gMed=1 rho12=0.480)
Bas25
Second Half
First Half
0
5
10
15

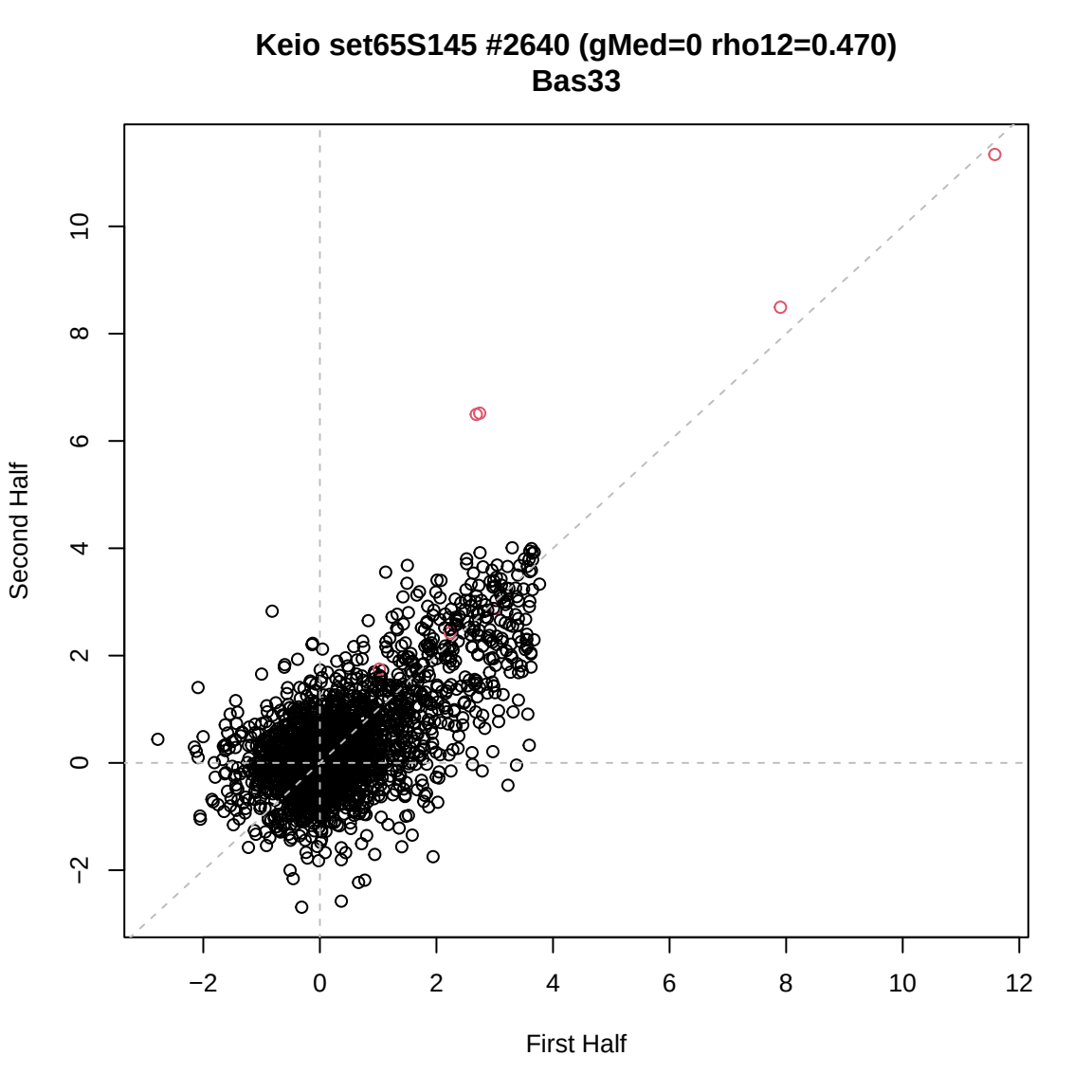

Keio set65S134 #2635 (gMed=0 rho12=0.478)
Bas25
Second Half
First Half
0
5
10
15

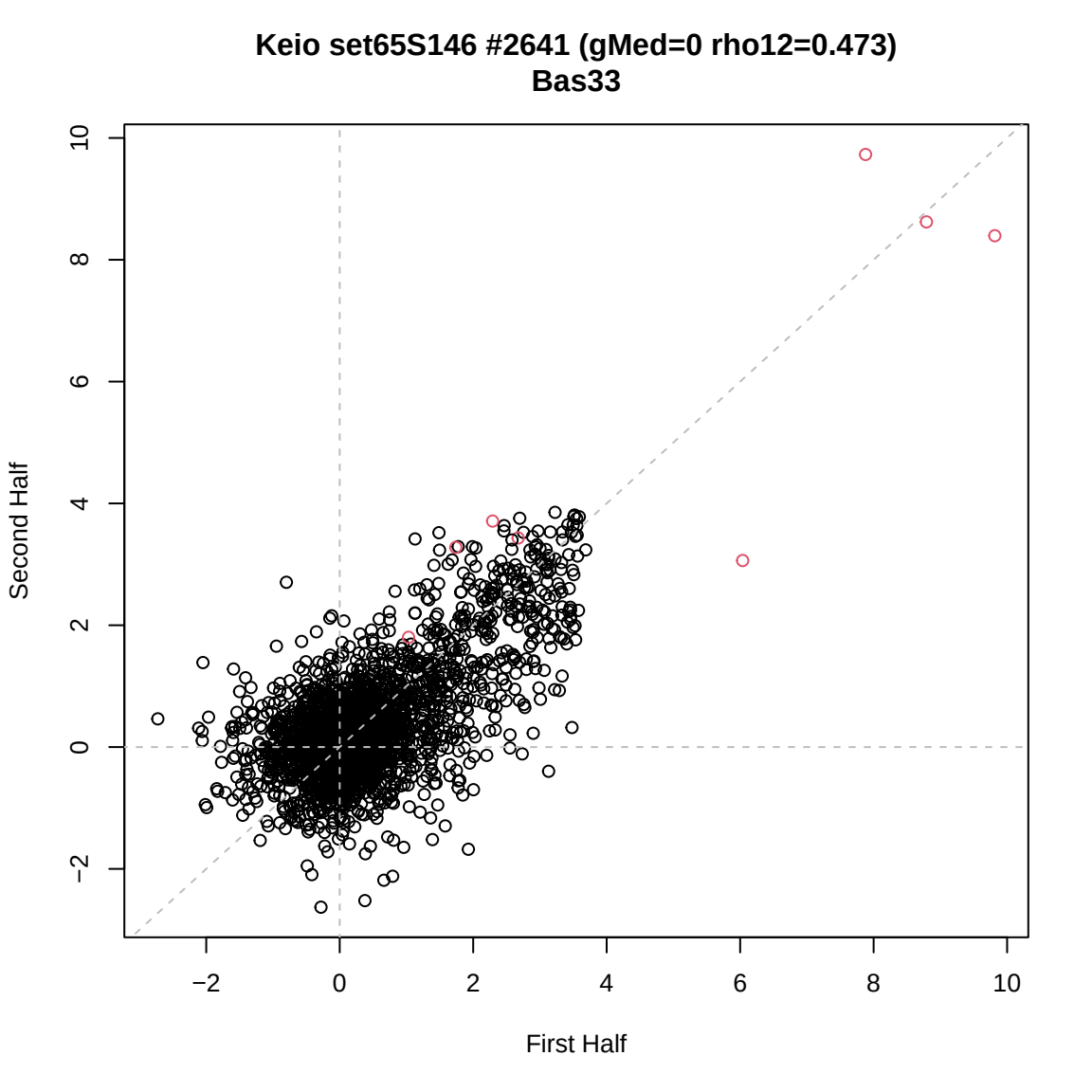

Keio set65S135 #2636 (gMed=0 rho12=0.483)
K25
Second Half
First Half
0
5
10
0
5
10

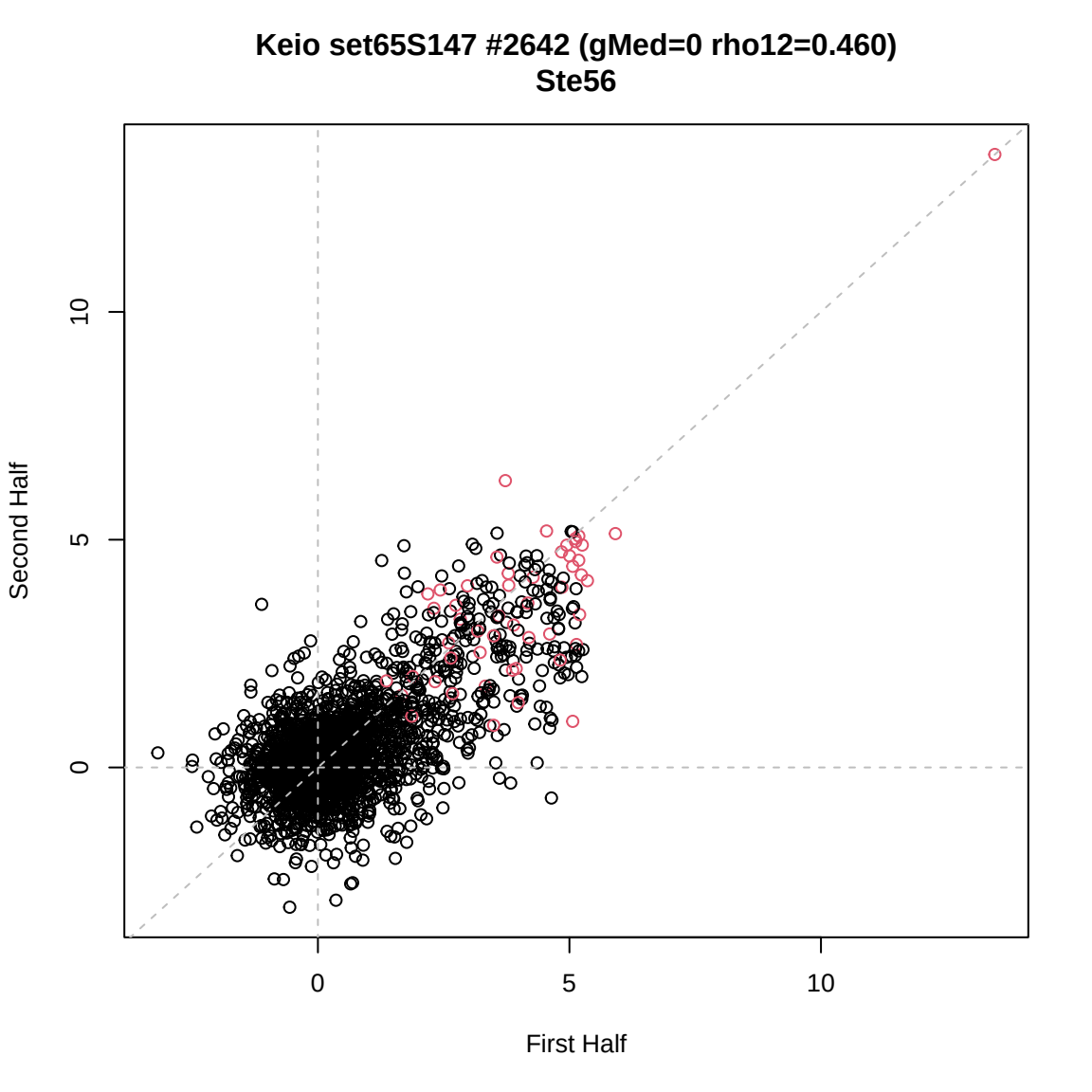

Keio set65S136 #2637 (gMed=0 rho12=0.482)
K25
Second Half
First Half
0
5
10
0
5
10

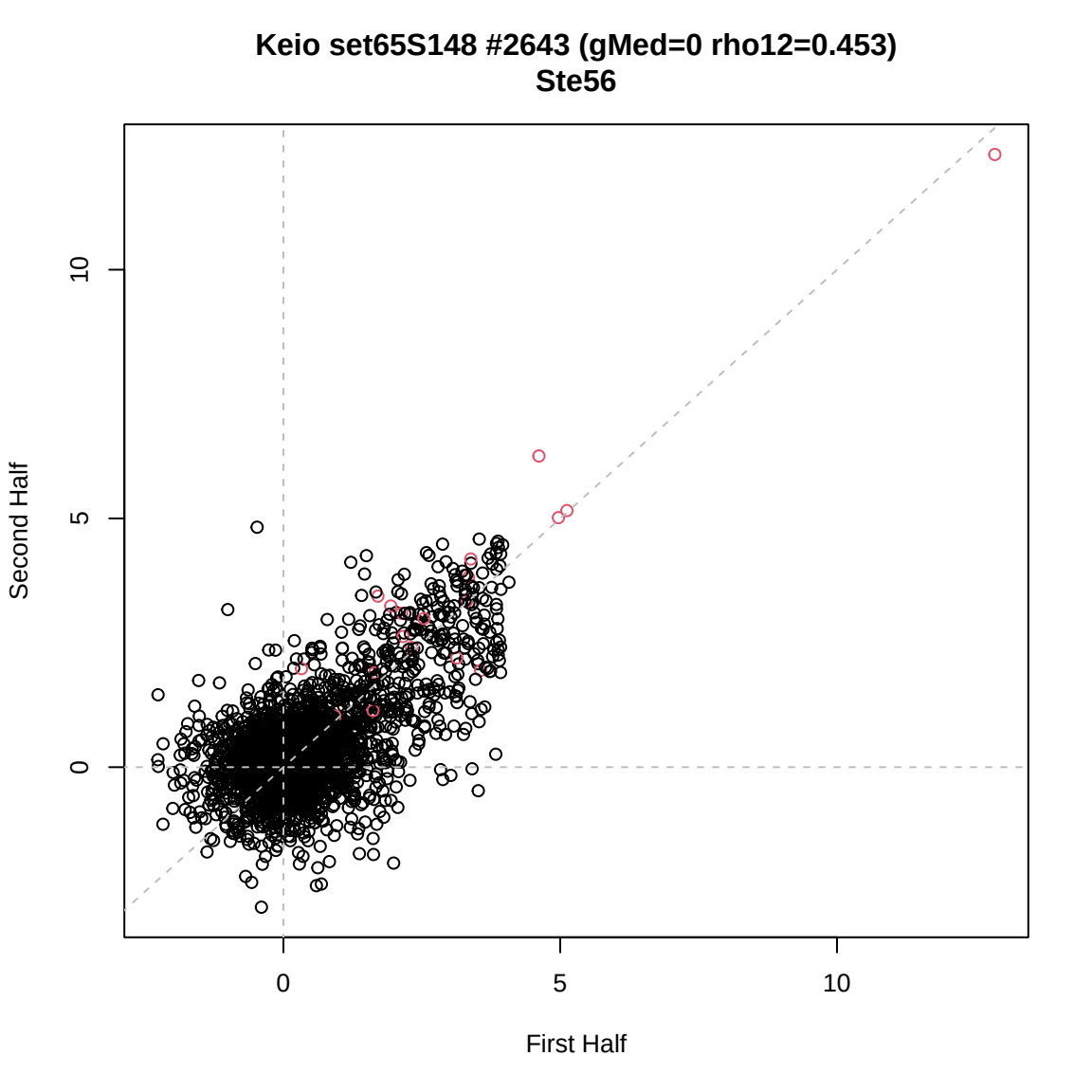

Keio set65S137 #2638 (gMed=1 rho12=0.450)
Ste65
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

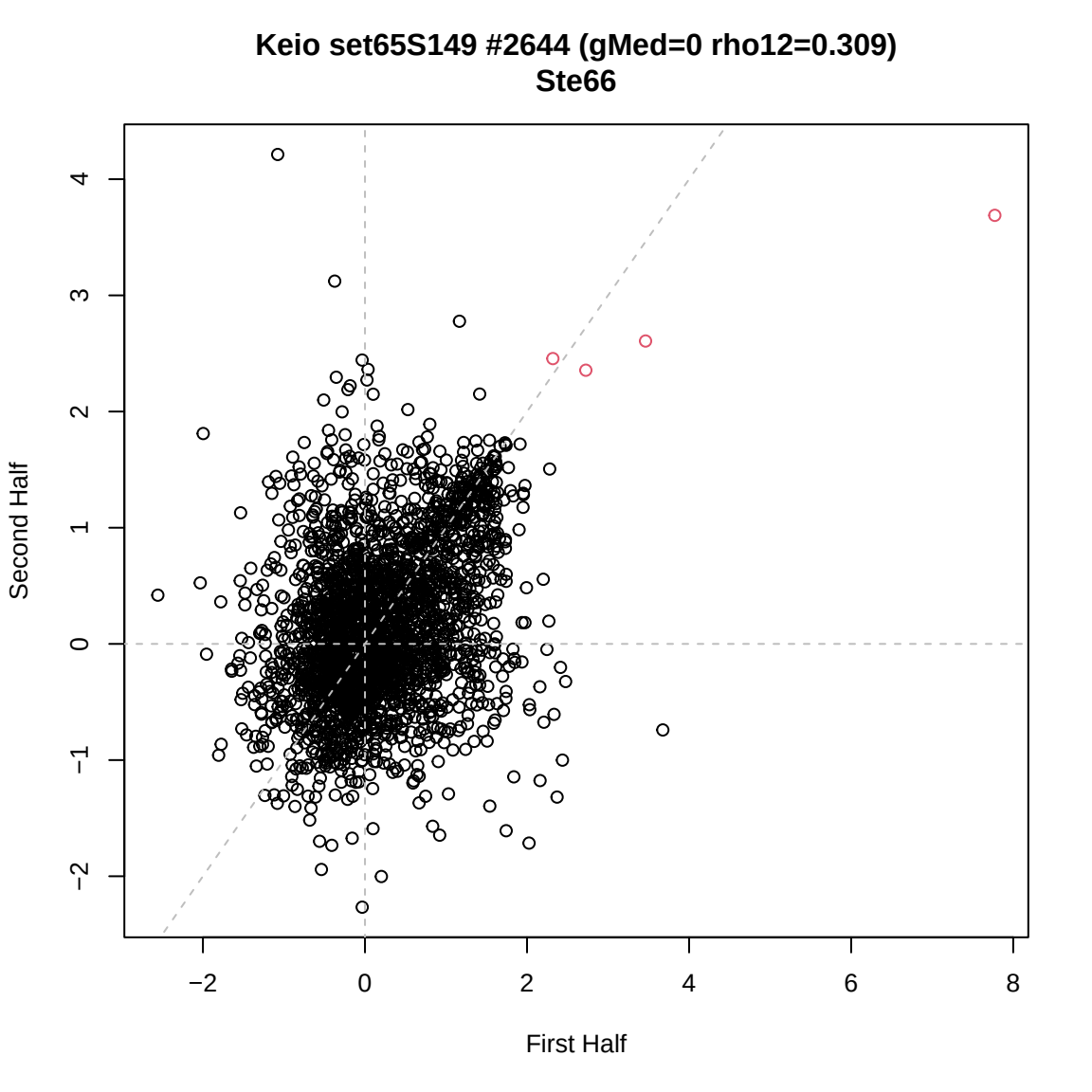

Keio set65S138 #2639 (gMed=1 rho12=0.464)
Ste65
Second Half
First Half
15
10
5
0
−2
0
2
4
6
8

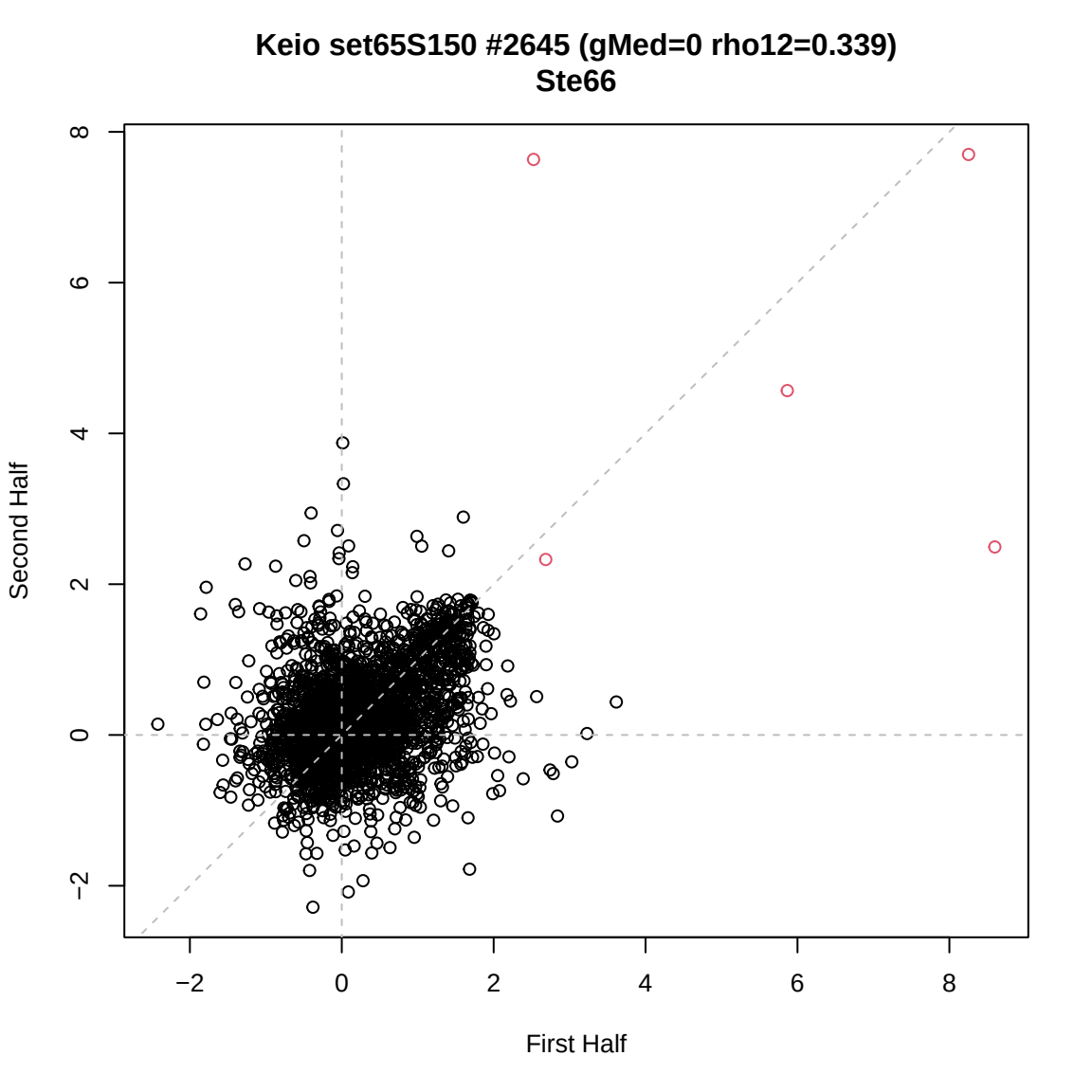

Keio set65S145 #2640 (gMed=0 rho12=0.470)
Bas33
Second Half
First Half
−2
0
2
4
6
8
10
12

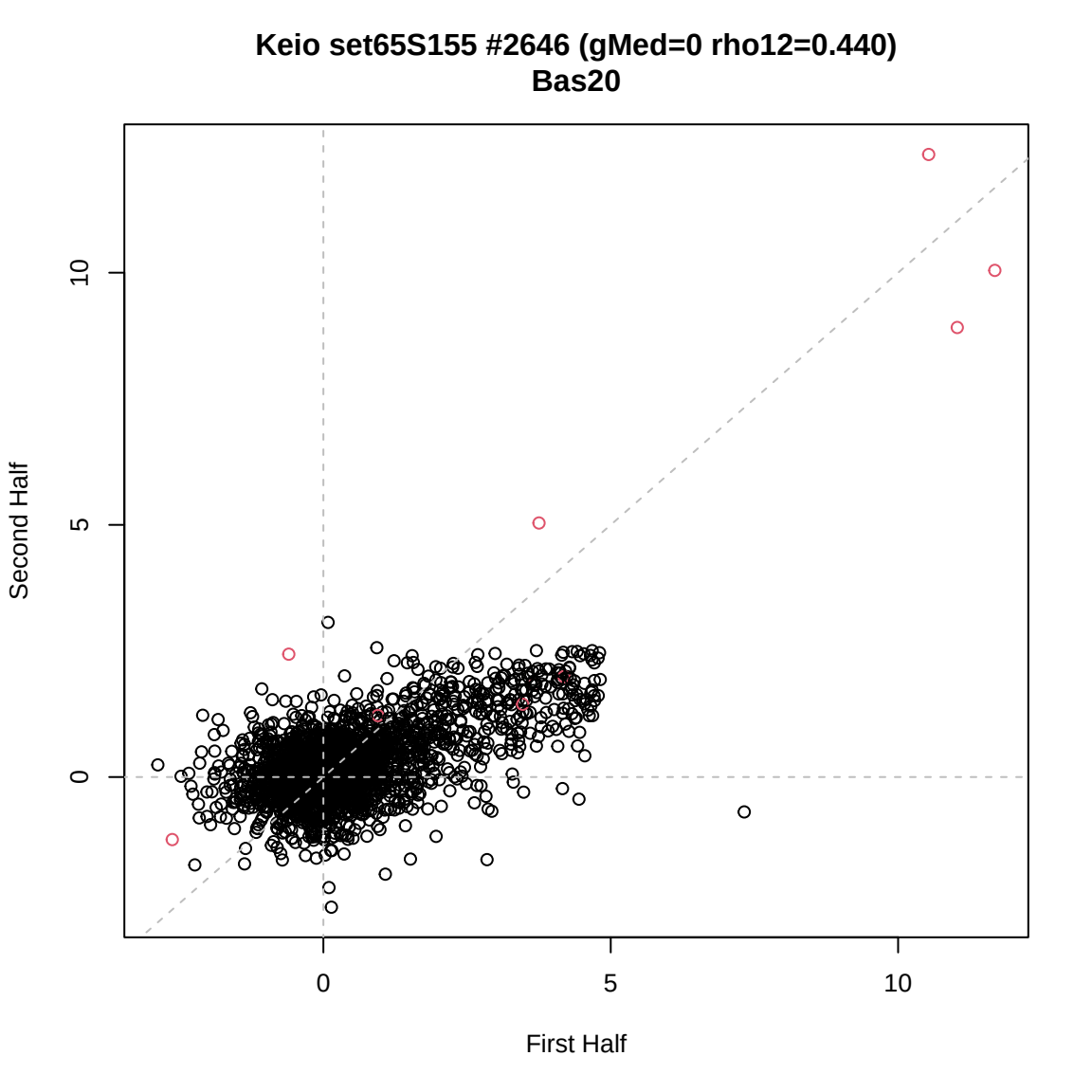

Keio set65S146 #2641 (gMed=0 rho12=0.473)
Bas33
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

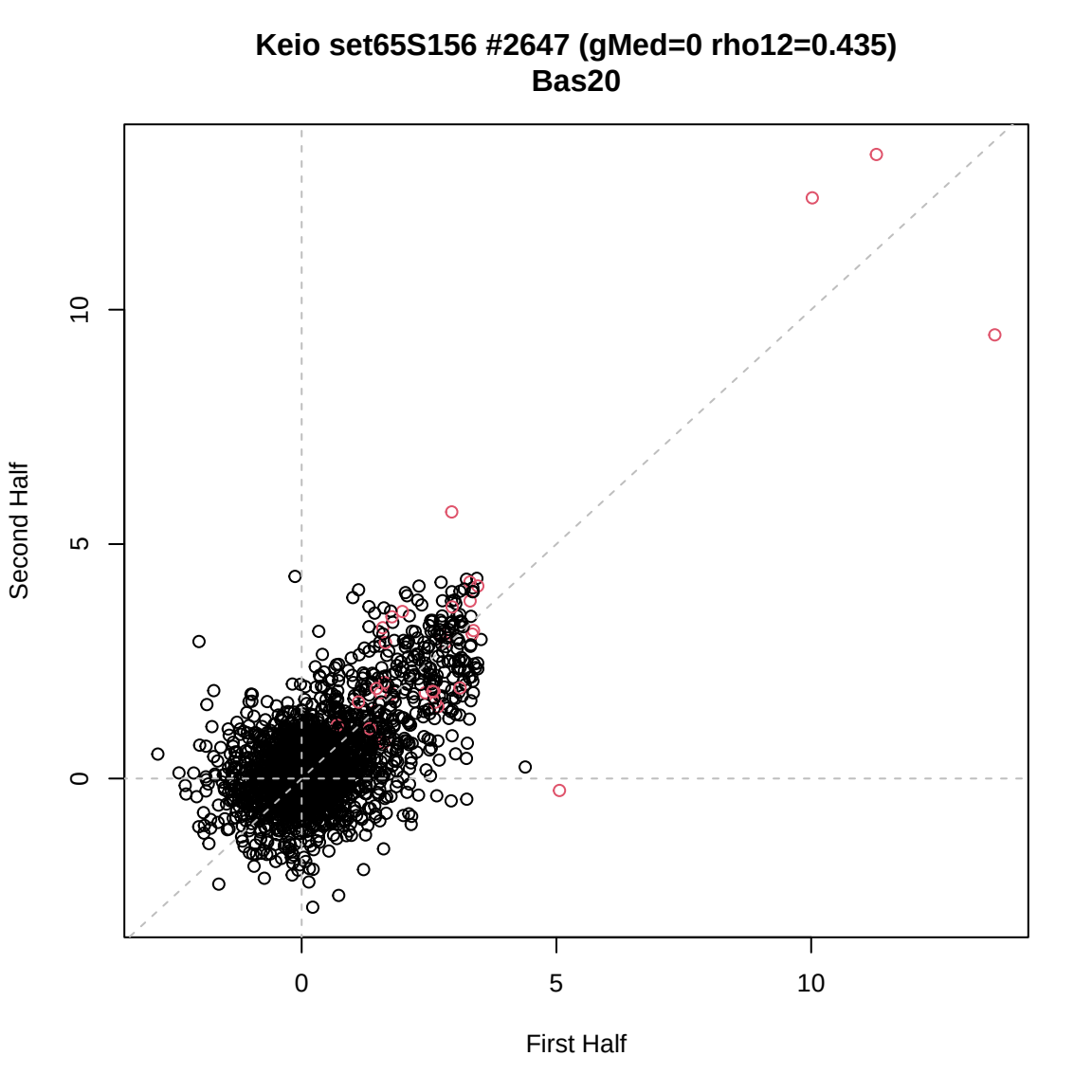

Keio set65S147 #2642 (gMed=0 rho12=0.460)
Ste56
Second Half
First Half
0
5
10
0
5
10

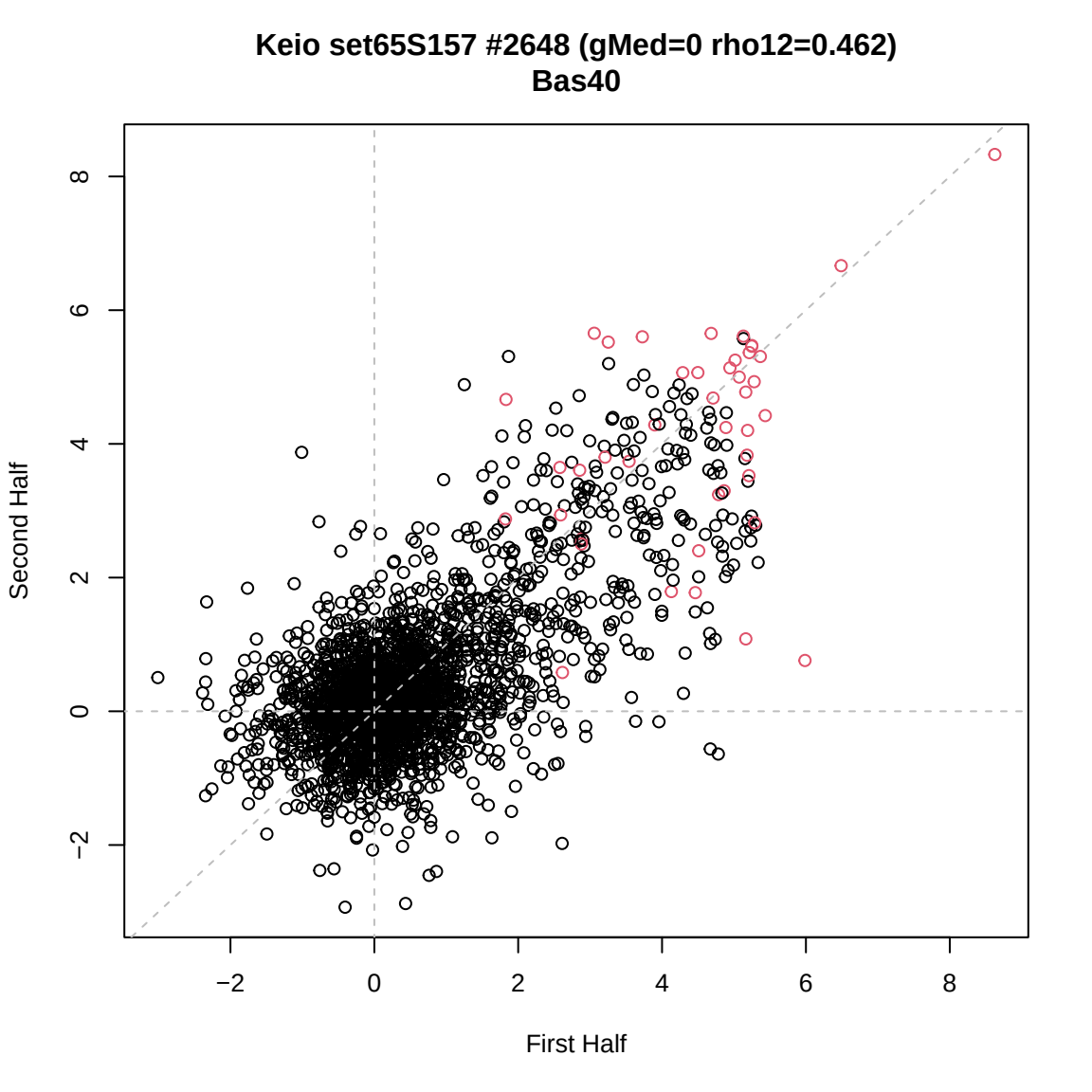

Keio set65S148 #2643 (gMed=0 rho12=0.453)
Ste56
Second Half
First Half
0
5
10
0
5
10

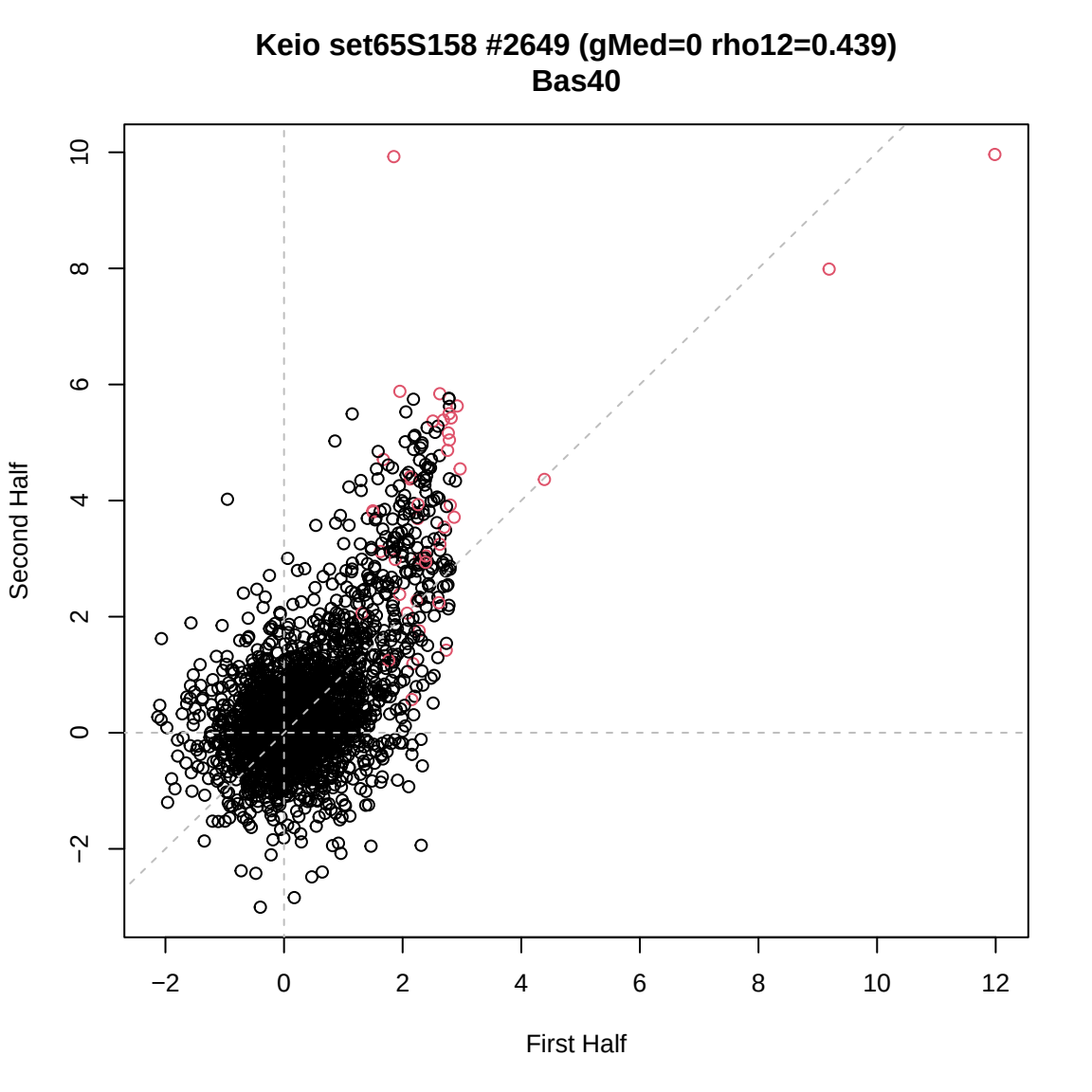

Keio set65S149 #2644 (gMed=0 rho12=0.309)
Ste66
Second Half
First Half
−2
−1
0
1
2
3
4
−2
0
2
4
6
8

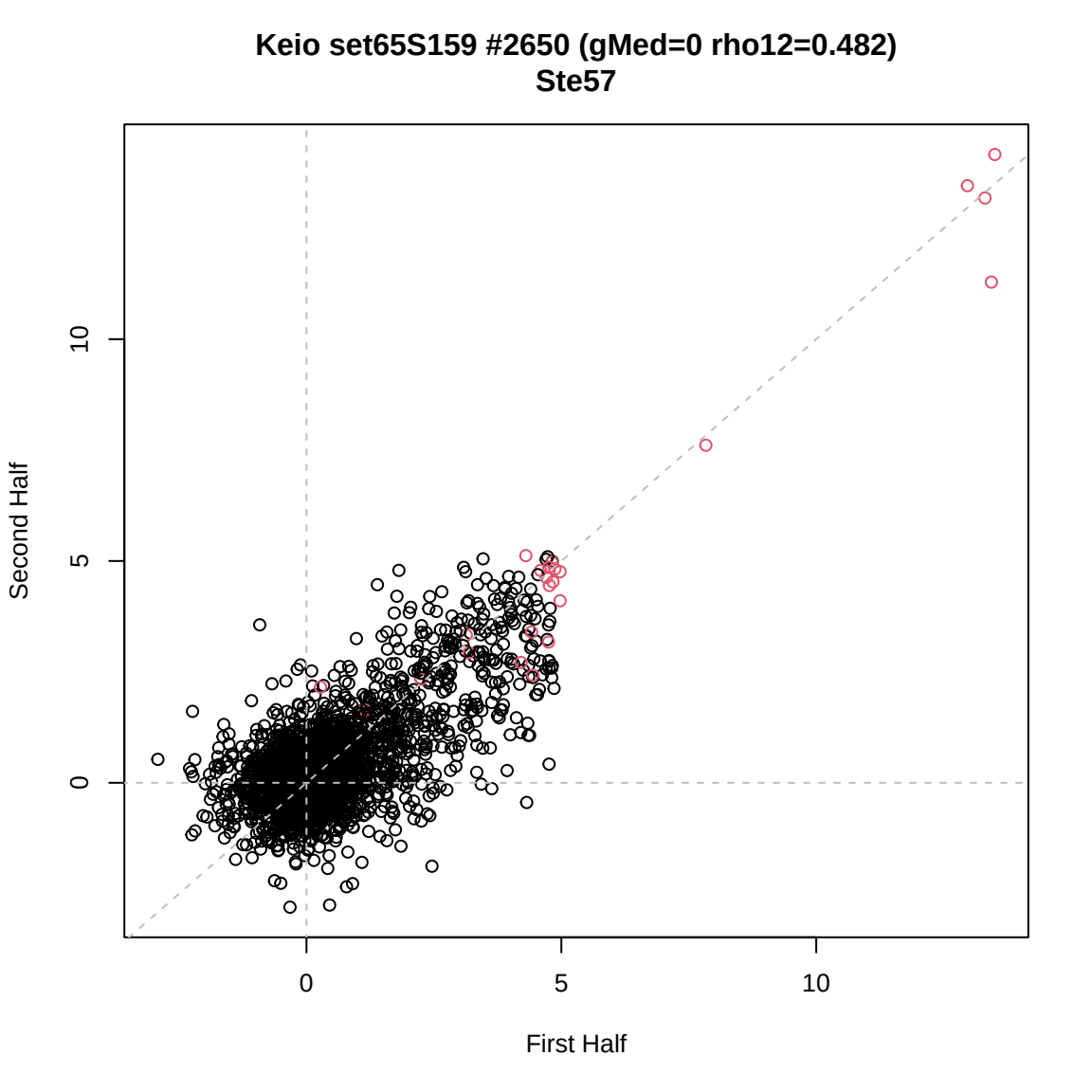

Keio set65S150 #2645 (gMed=0 rho12=0.339)
Ste66
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

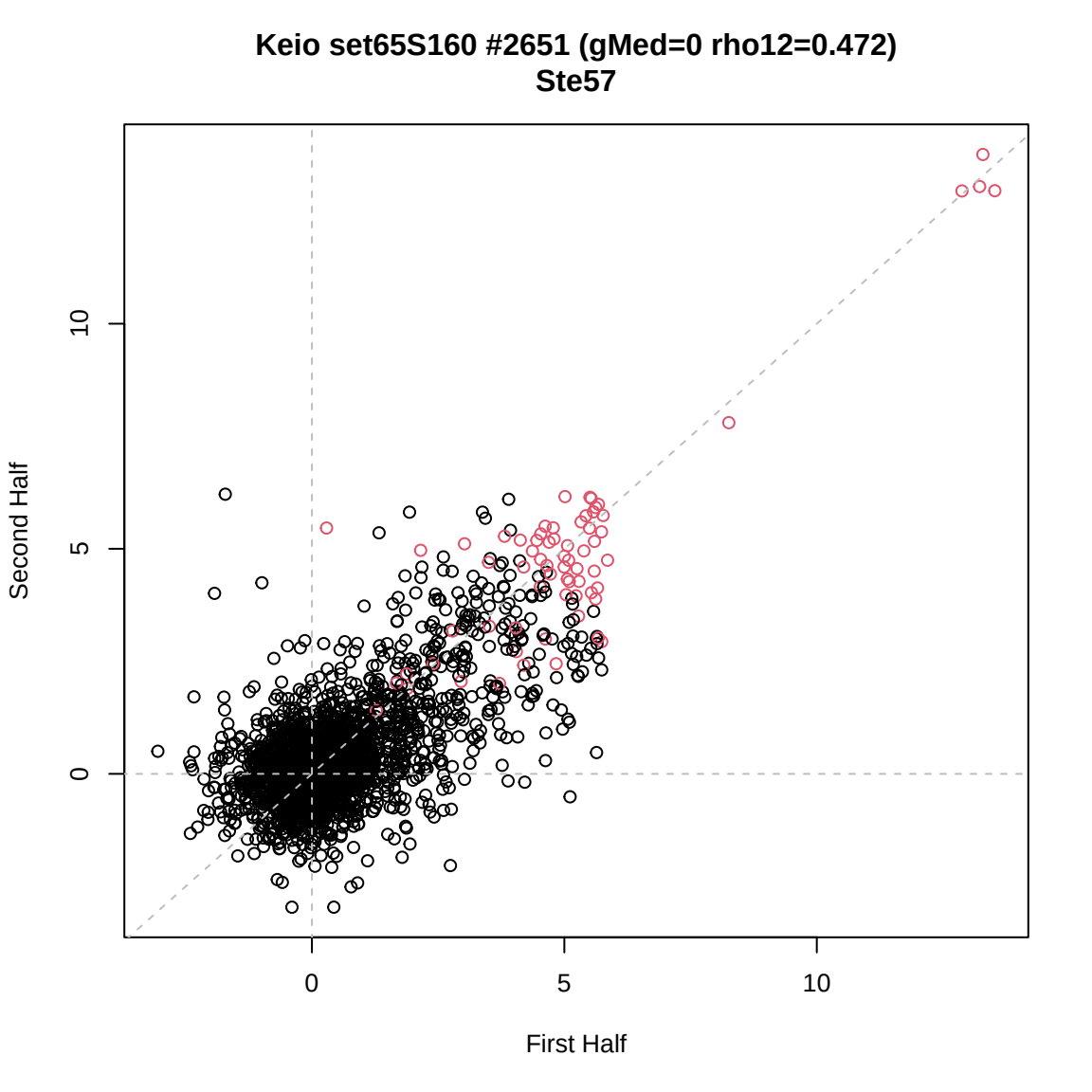

Keio set65S155 #2646 (gMed=0 rho12=0.440)
Bas20
Second Half
First Half
0
5
10
0
5
10

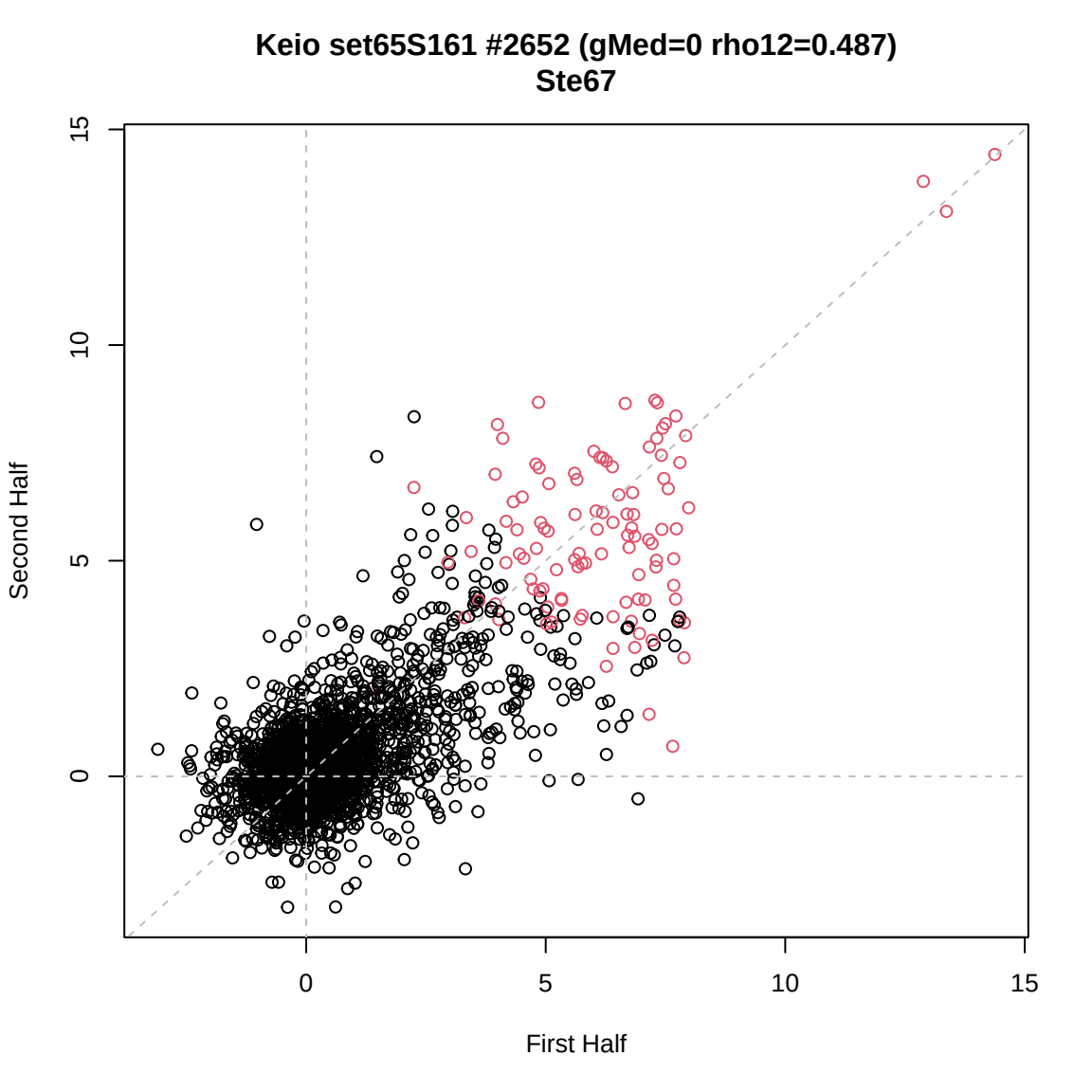

Keio set65S156 #2647 (gMed=0 rho12=0.435)
Bas20
Second Half
First Half
0
5
10
0
5
10

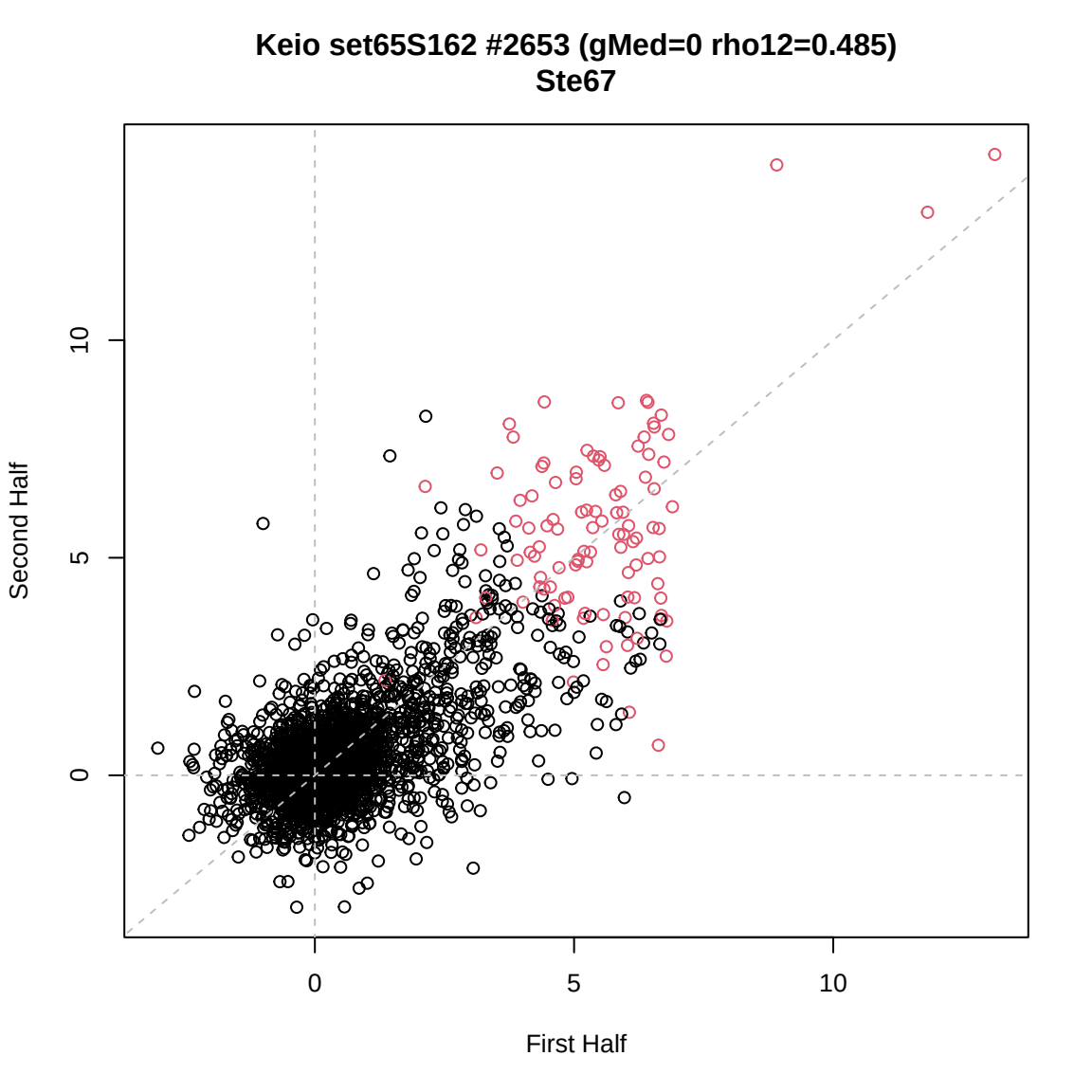

Keio set65S157 #2648 (gMed=0 rho12=0.462)
Bas40
Second Half
First Half
−2
0
2
4
6
8

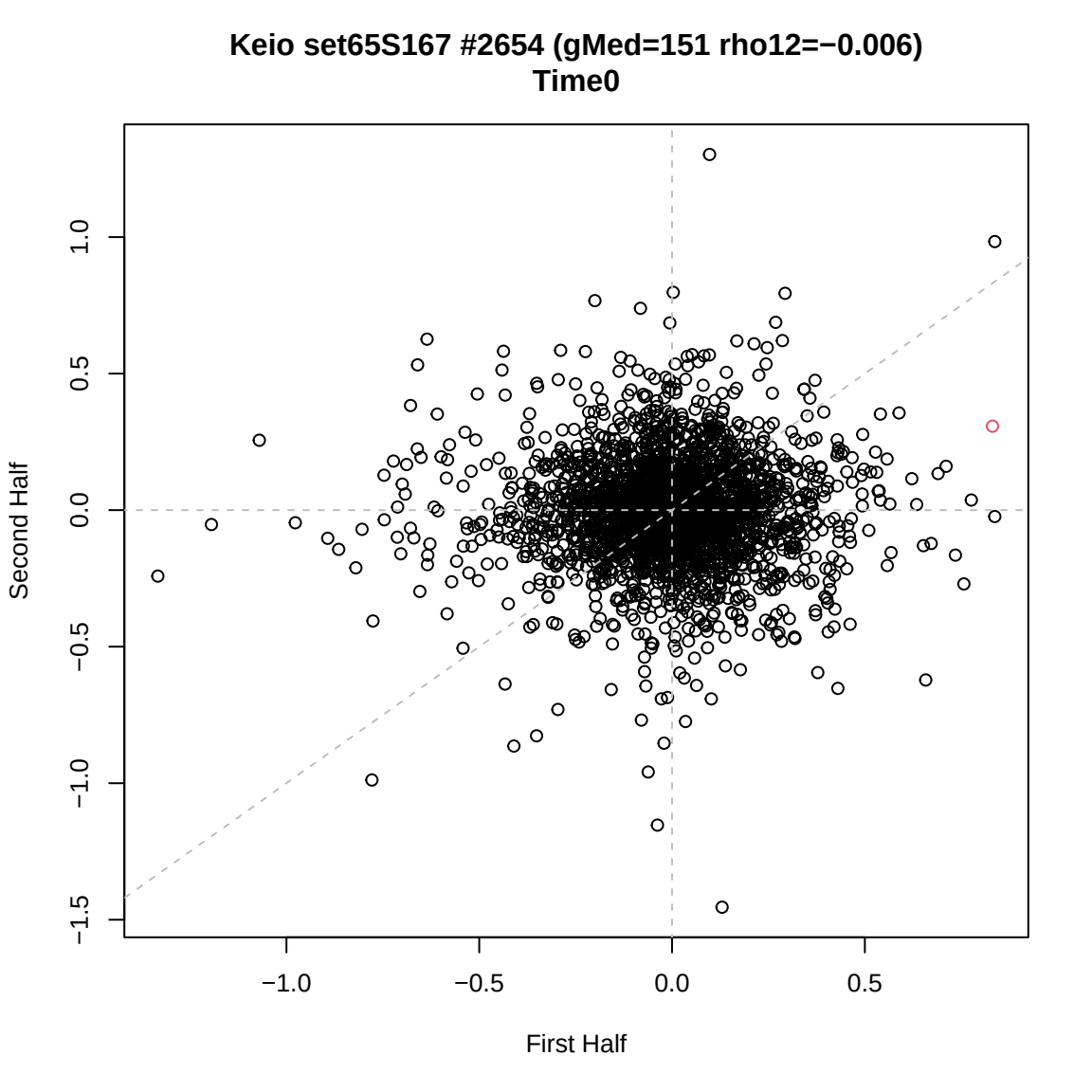

Keio set65S158 #2649 (gMed=0 rho12=0.439)
Bas40
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10
12

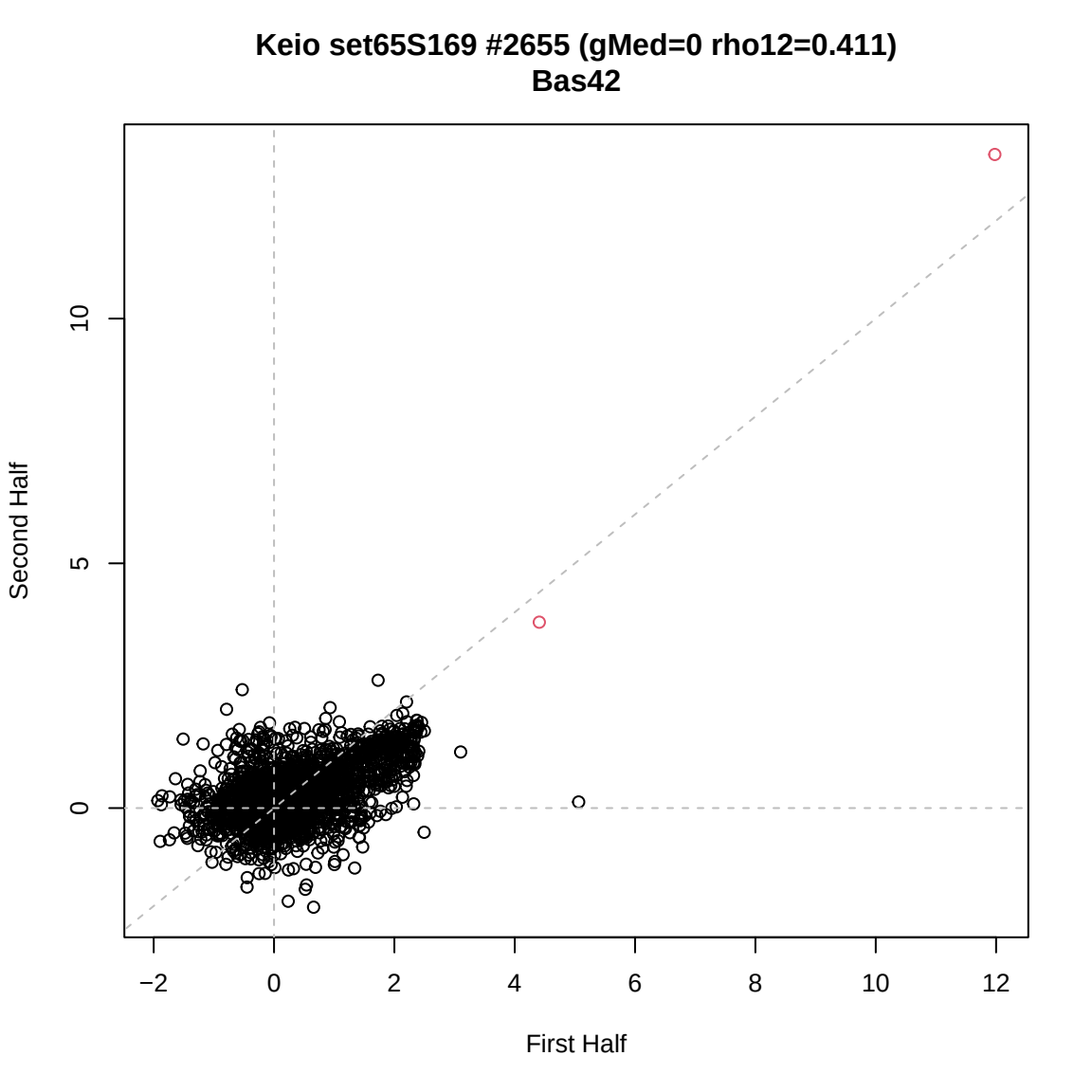

Keio set65S159 #2650 (gMed=0 rho12=0.482)
Ste57
Second Half
First Half
0
5
10
0
5
10

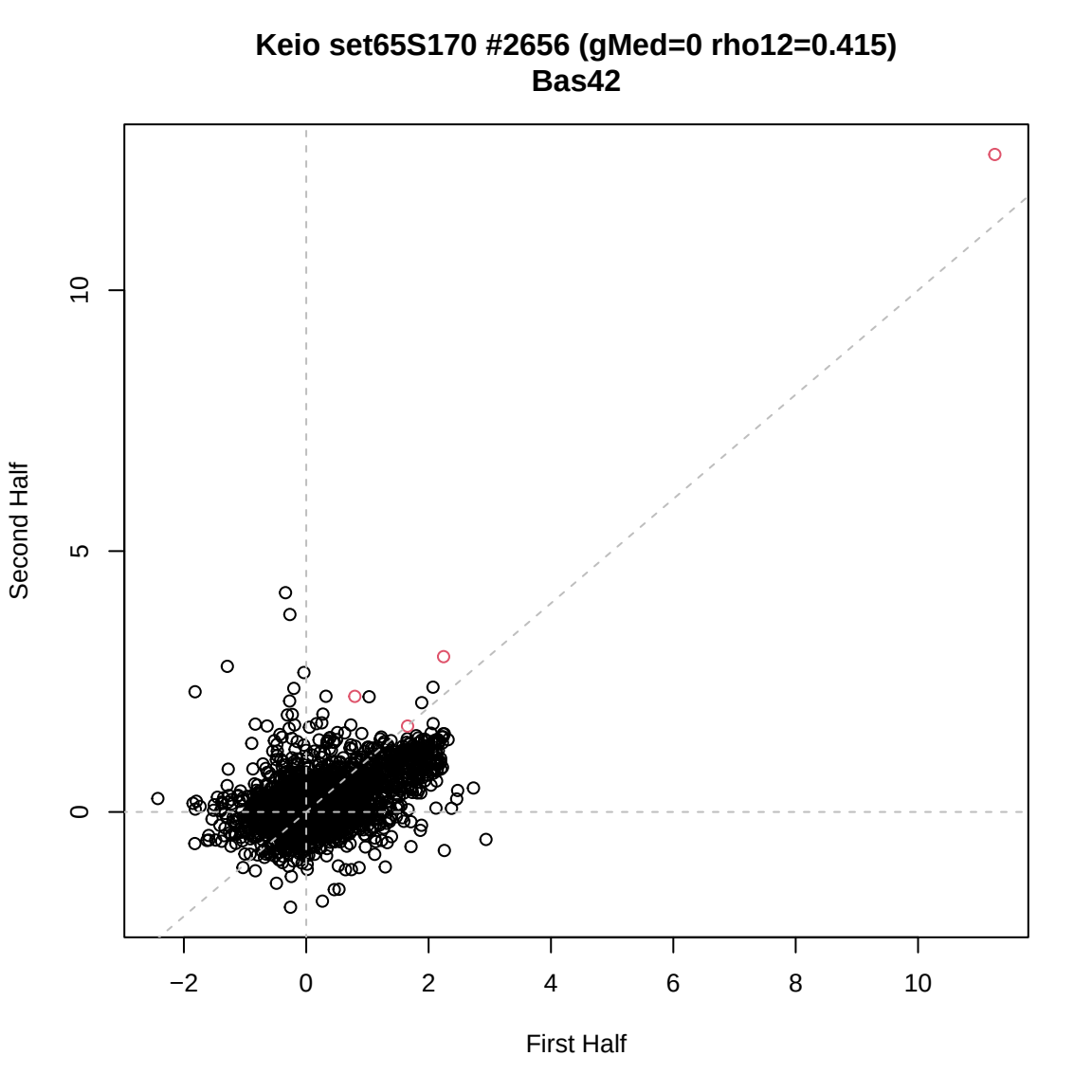

Keio set65S160 #2651 (gMed=0 rho12=0.472)
Ste57
Second Half
First Half
0
5
10
0
5
10

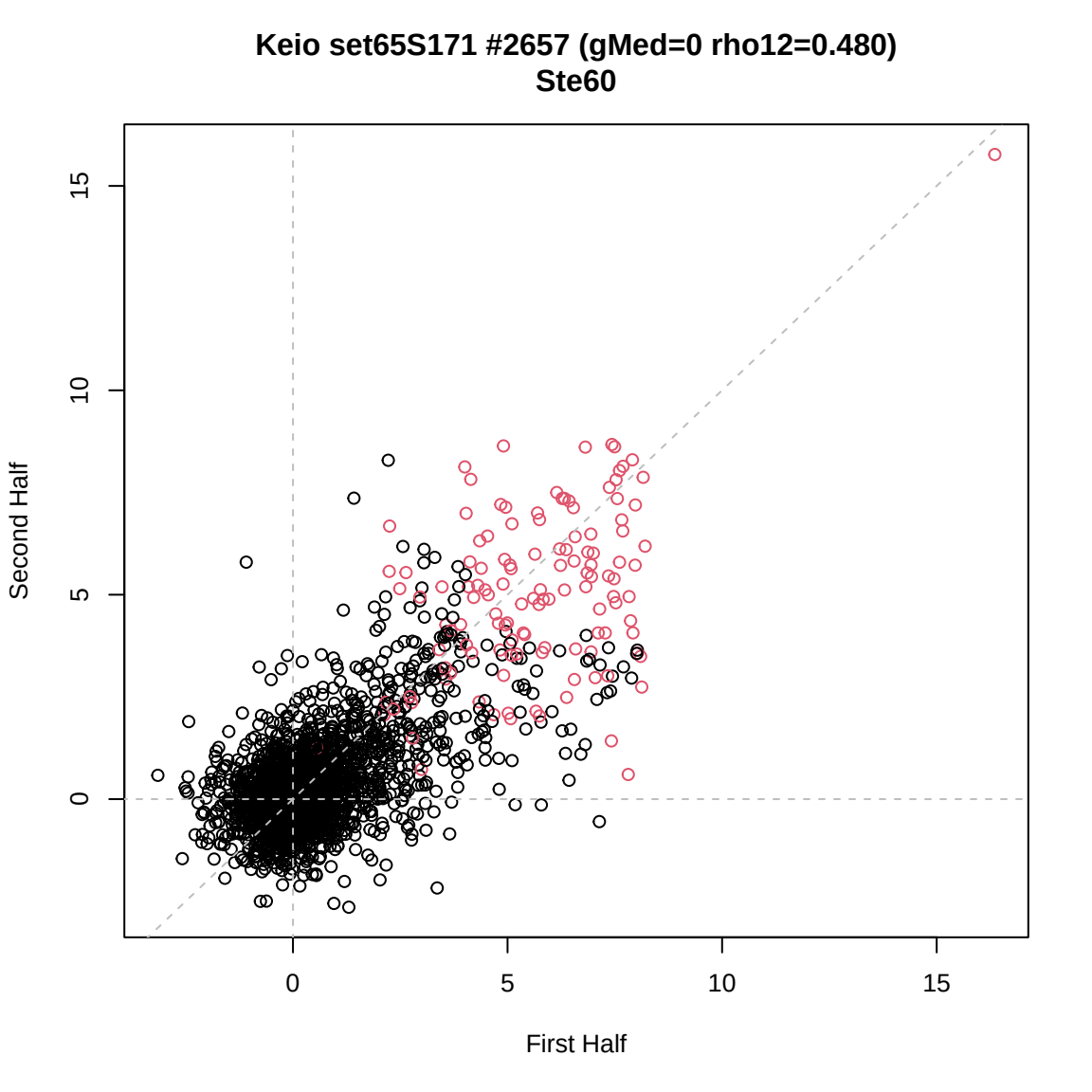

Keio set65S161 #2652 (gMed=0 rho12=0.487)
Ste67
Second Half
First Half
0
5
10
15

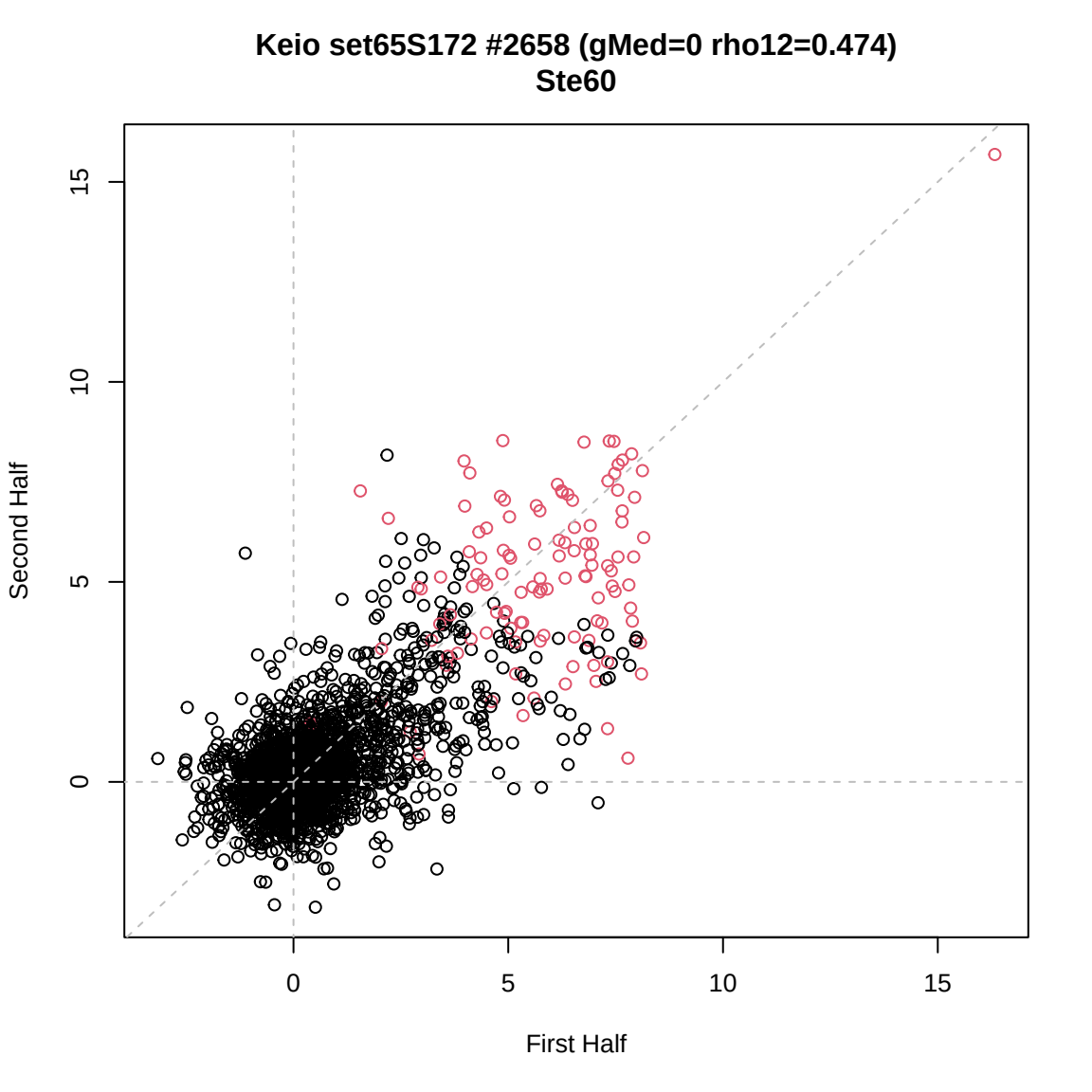

Keio set65S162 #2653 (gMed=0 rho12=0.485)
Ste67
Second Half
First Half
0
5
10
0
5
10

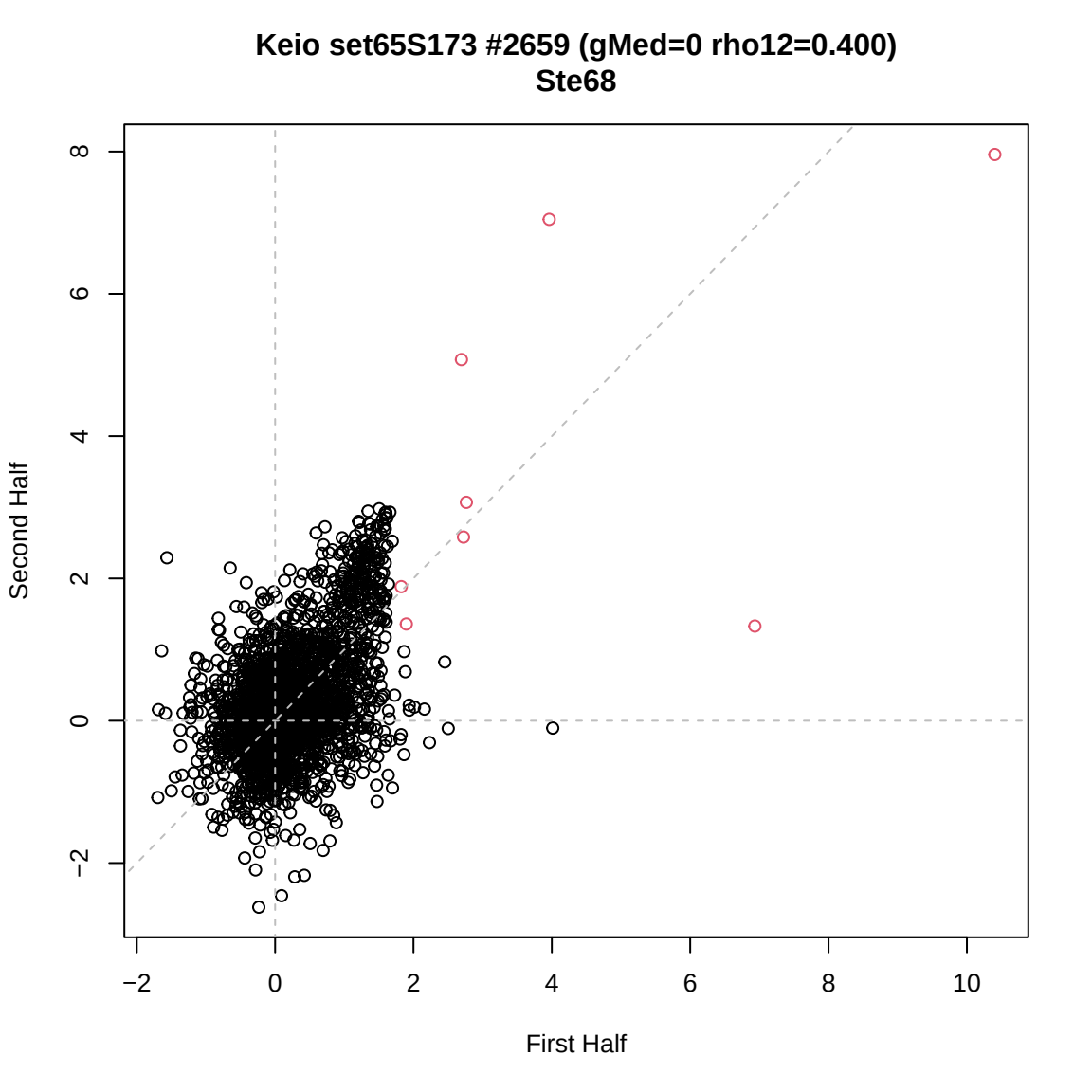

Keio set65S167 #2654 (gMed=151 rho12=−0.006)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

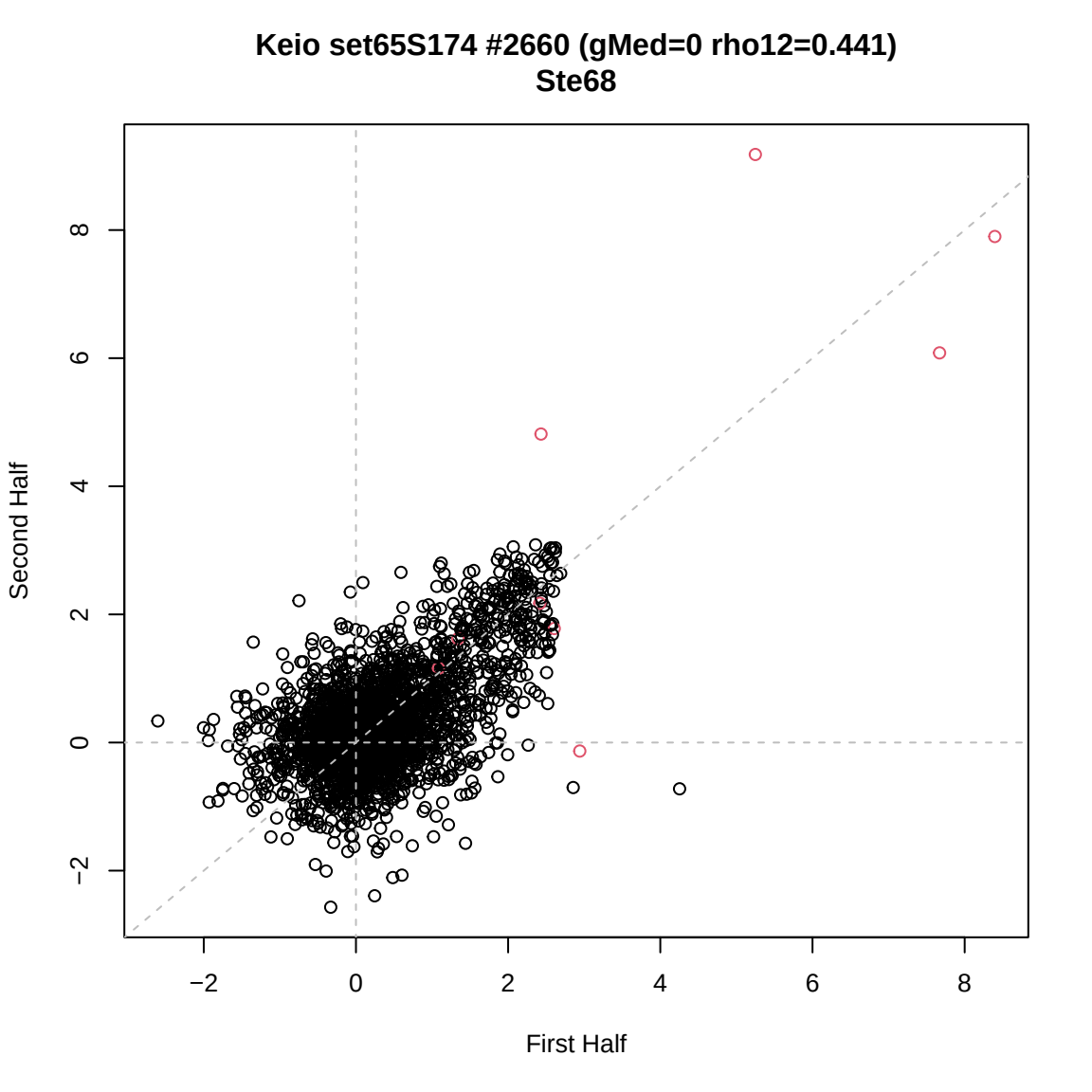

Keio set65S169 #2655 (gMed=0 rho12=0.411)
Bas42
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10
12

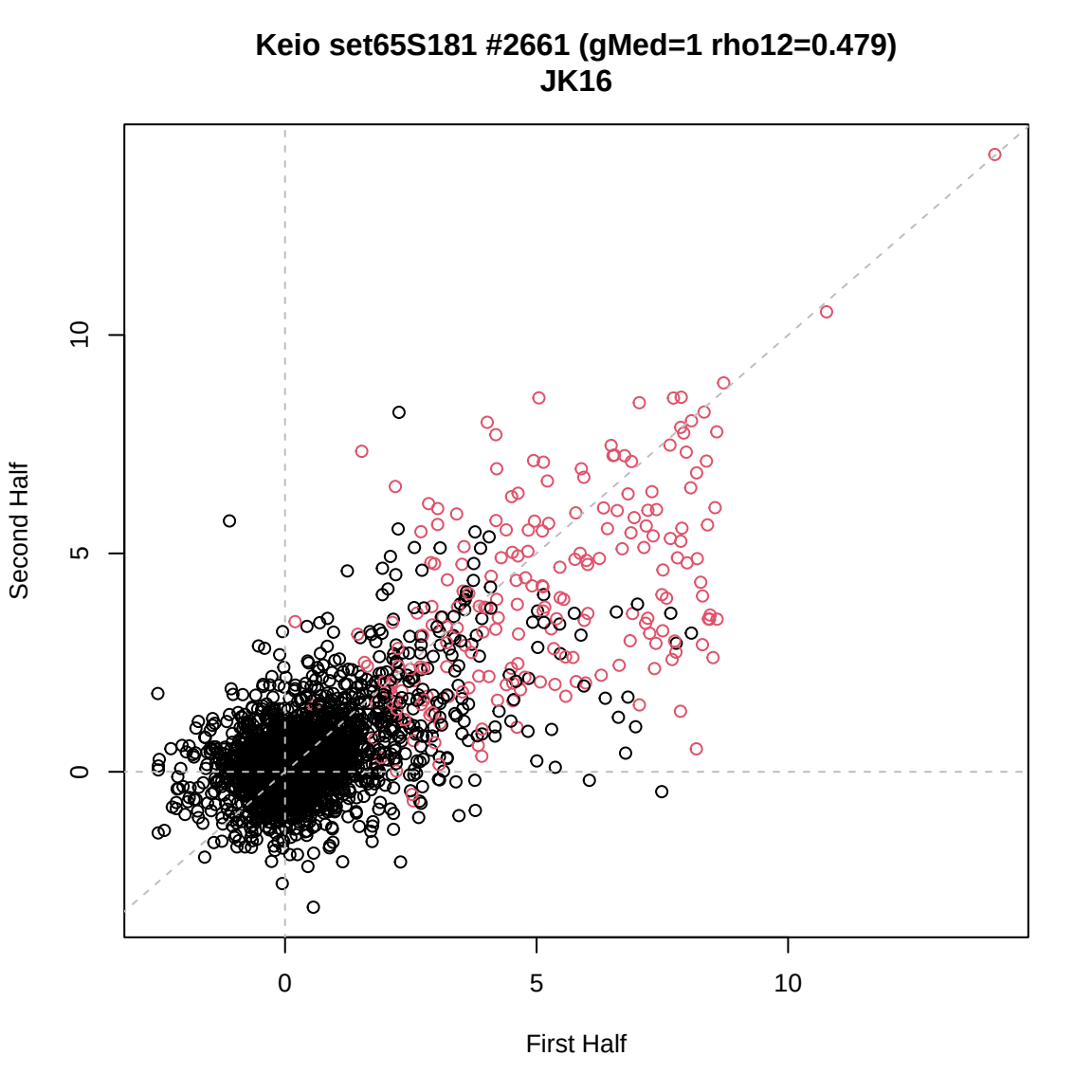

Keio set65S170 #2656 (gMed=0 rho12=0.415)
Bas42
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

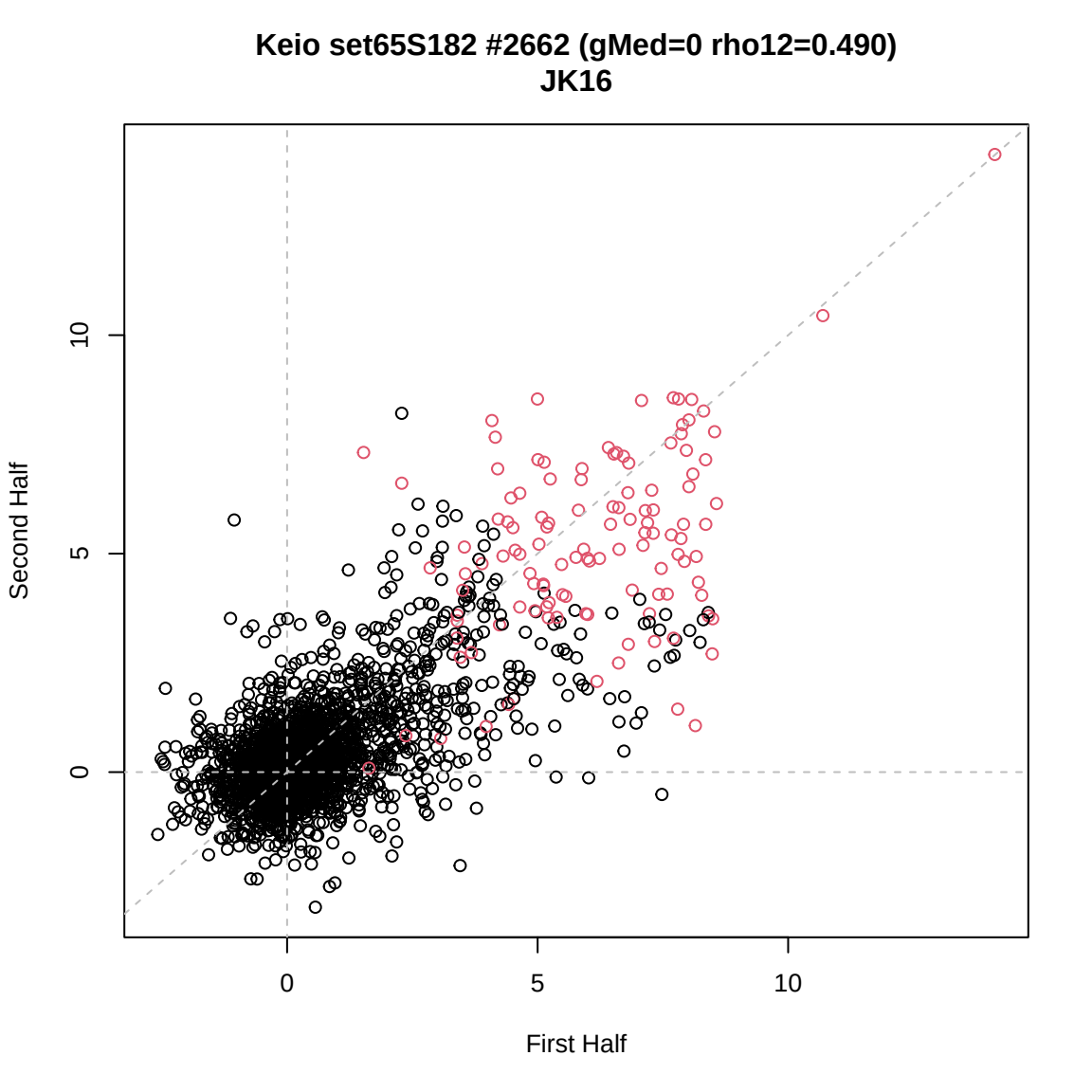

Keio set65S171 #2657 (gMed=0 rho12=0.480)
Ste60
Second Half
First Half
0
5
10
15

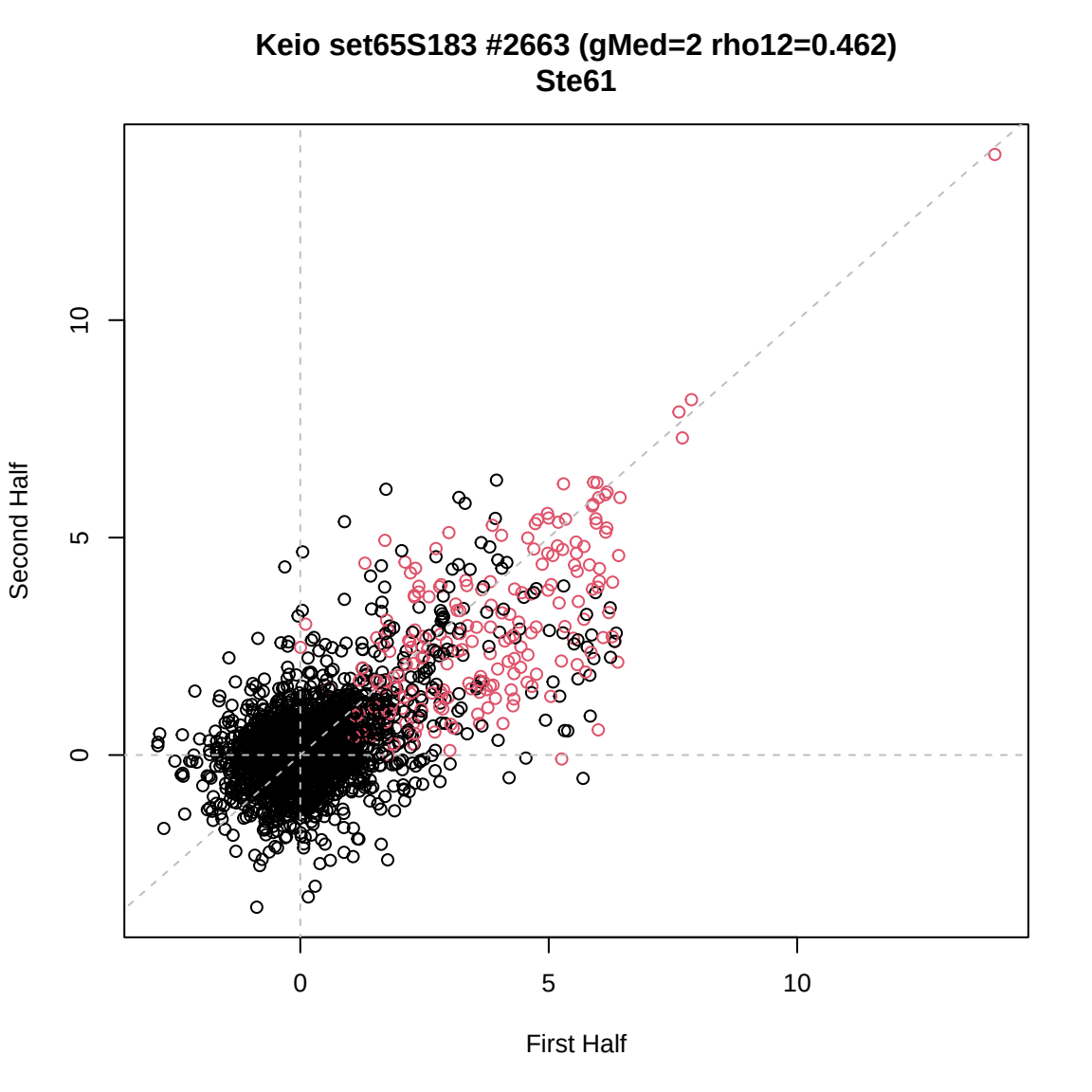

Keio set65S172 #2658 (gMed=0 rho12=0.474)
Ste60
Second Half
First Half
0
5
10
15

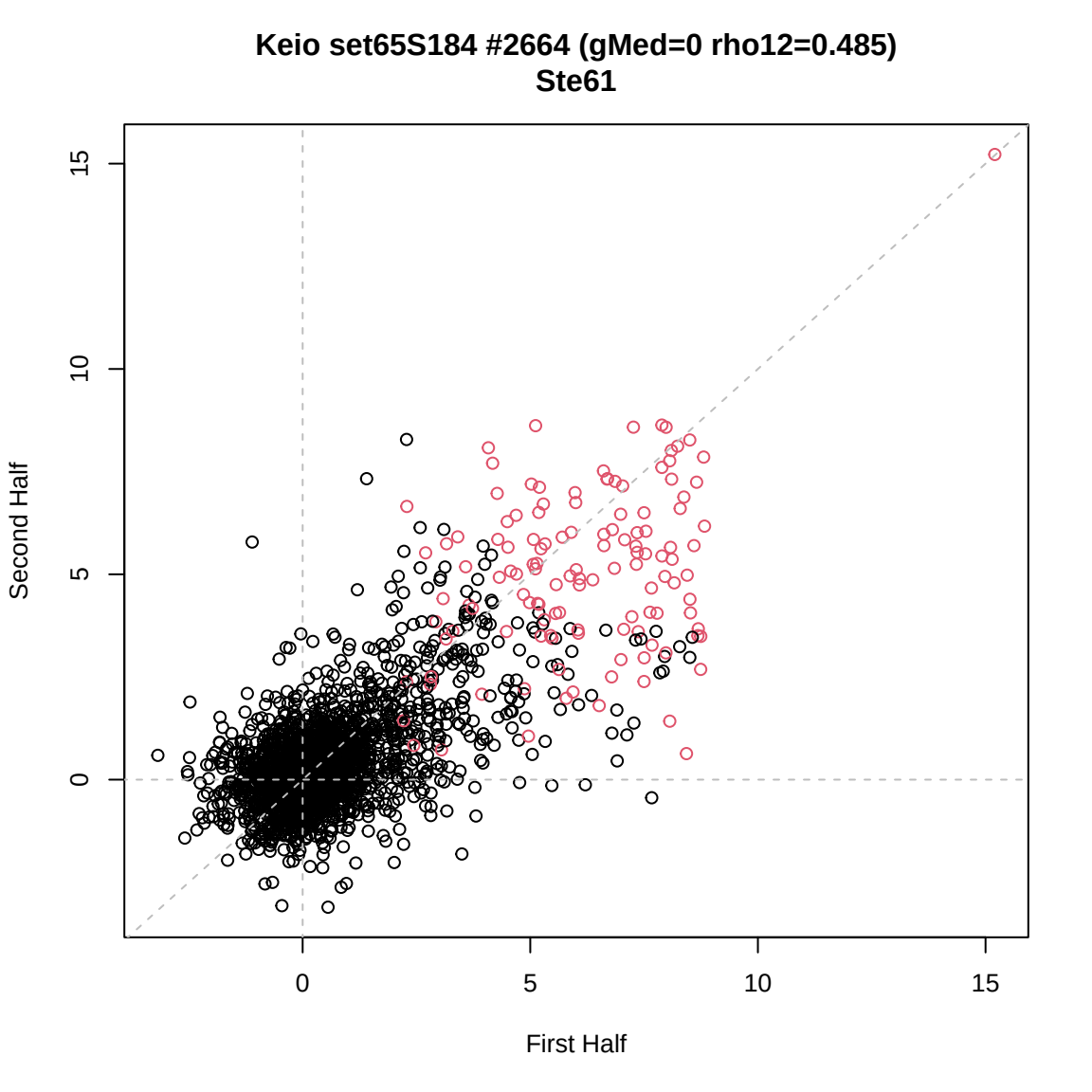

Keio set65S173 #2659 (gMed=0 rho12=0.400)
Ste68
Second Half
First Half
−2
0
2
4
6
8
10

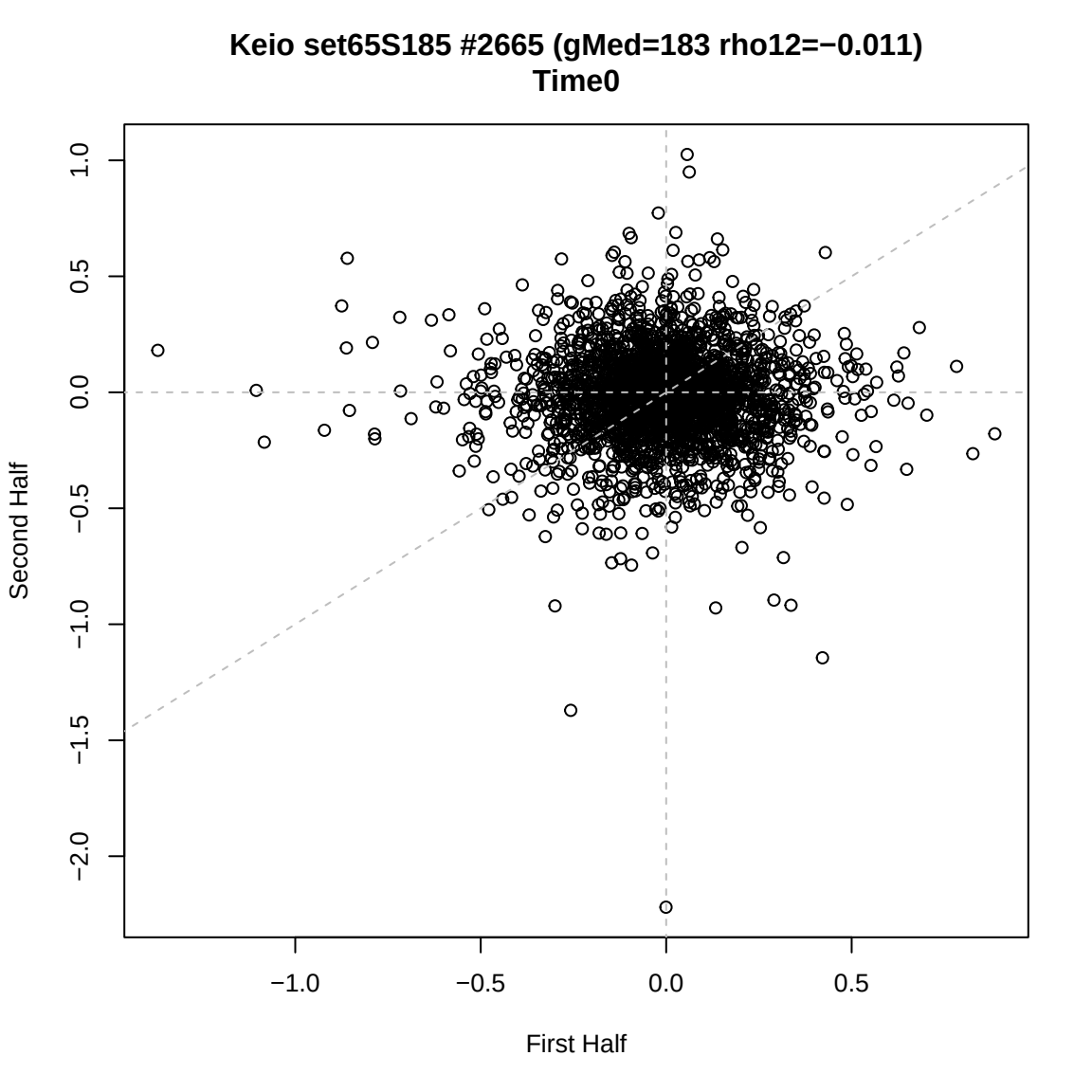

Keio set65S174 #2660 (gMed=0 rho12=0.441)
Ste68
Second Half
First Half
−2
0
2
4
6
8

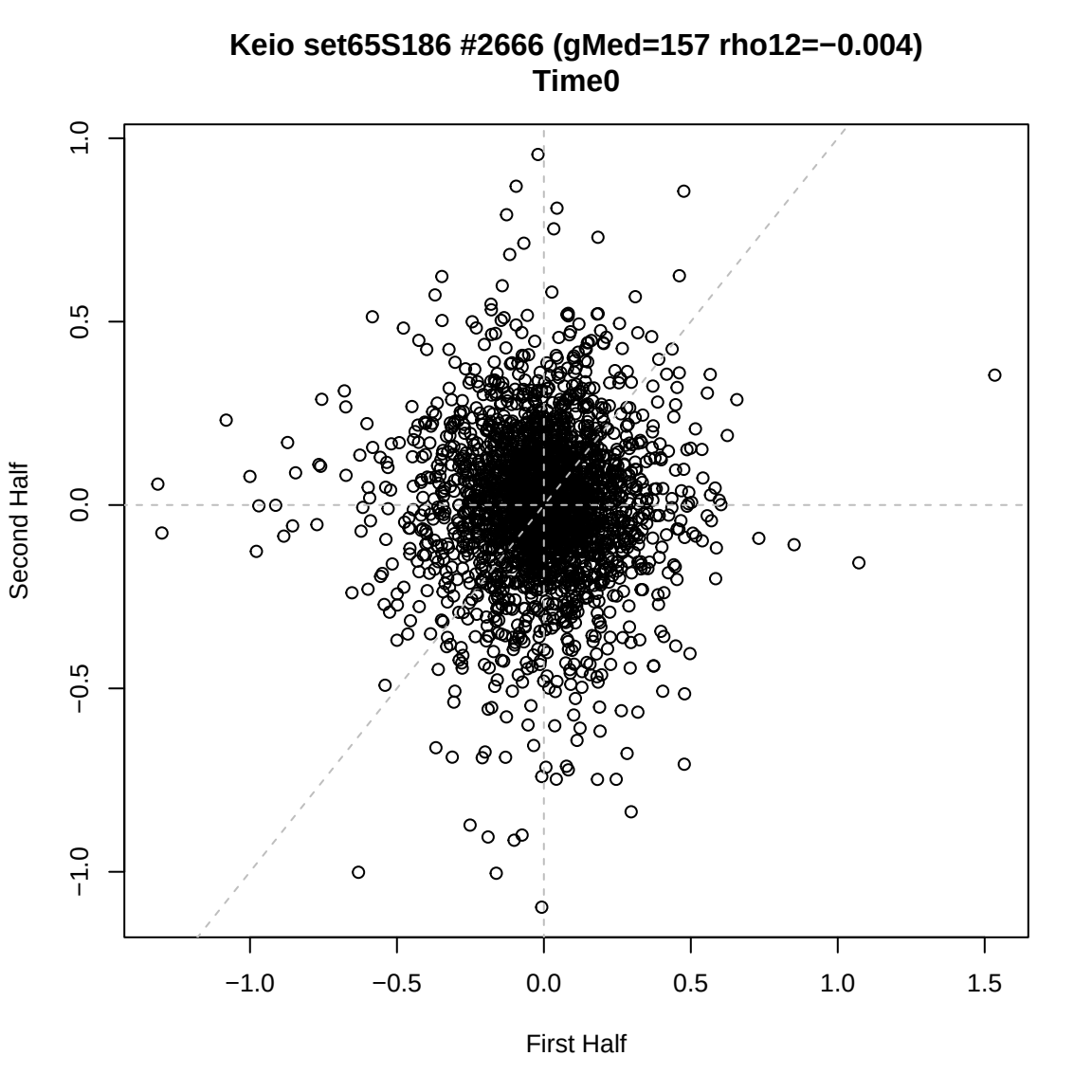

Keio set65S181 #2661 (gMed=1 rho12=0.479)
JK16
Second Half
First Half
0
5
10
0
5
10

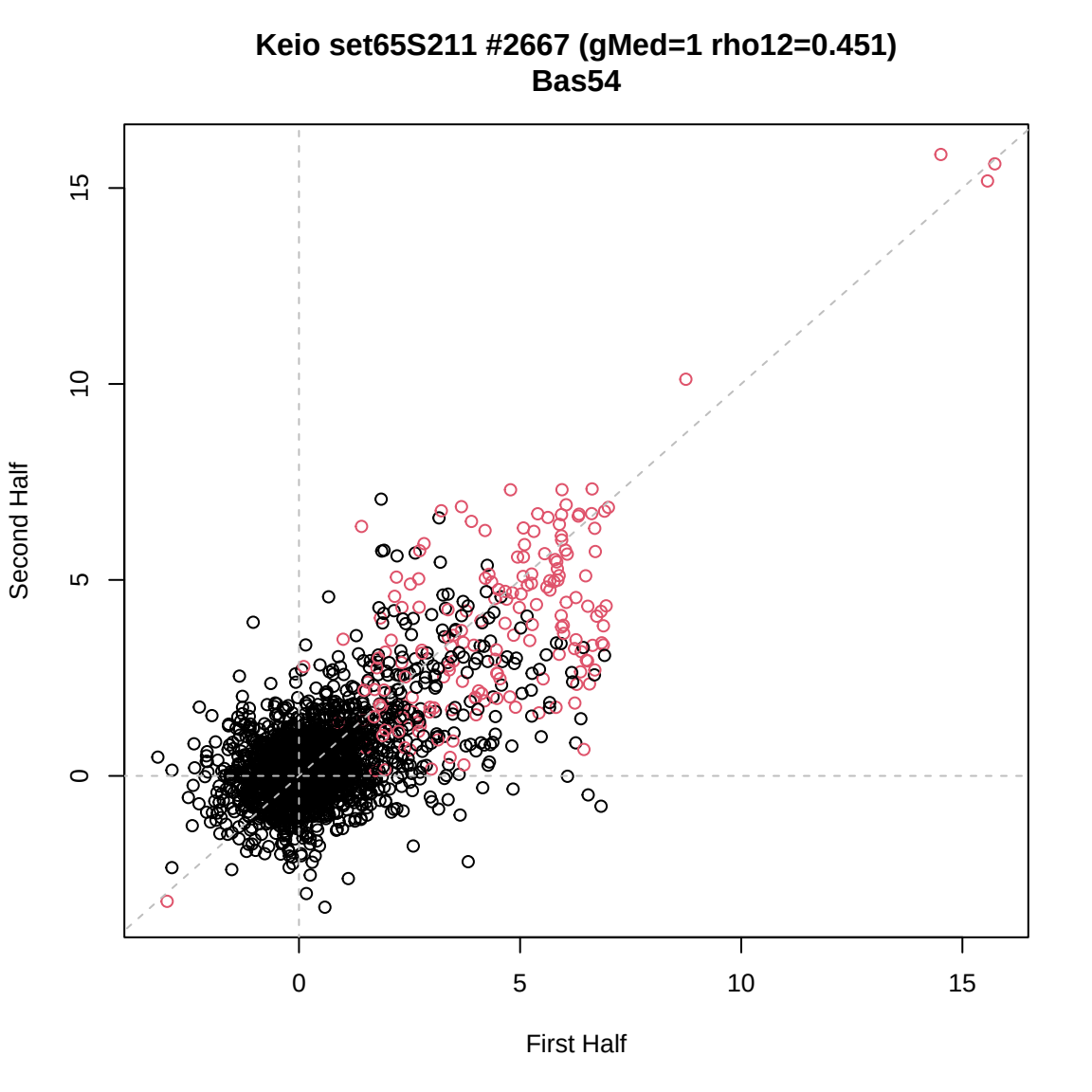

Keio set65S182 #2662 (gMed=0 rho12=0.490)
JK16
Second Half
First Half
0
5
10
0
5
10

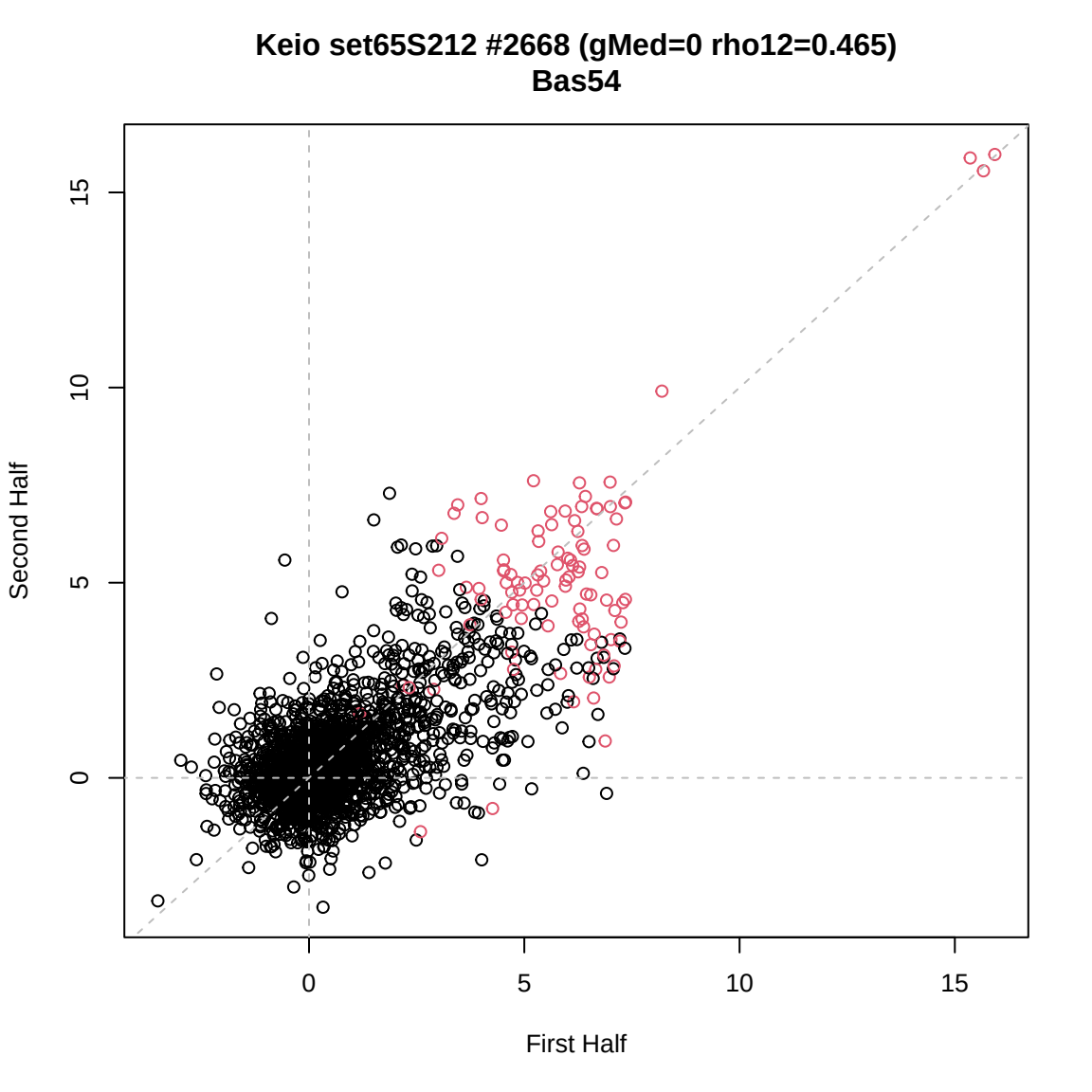

Keio set65S183 #2663 (gMed=2 rho12=0.462)
Ste61
Second Half
First Half
0
5
10
0
5
10

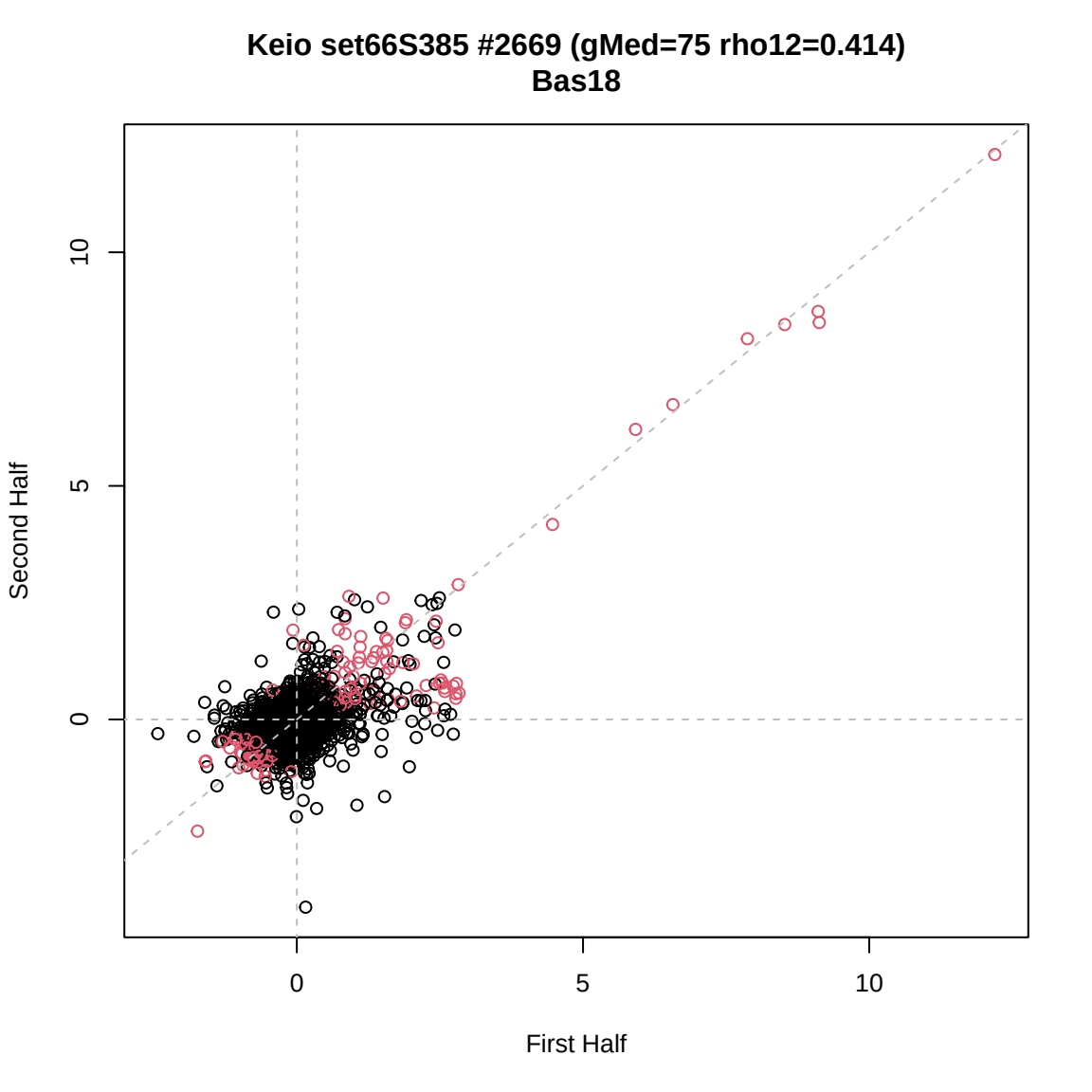

Keio set65S184 #2664 (gMed=0 rho12=0.485)
Ste61
Second Half
First Half
0
5
10
15
0
5
10
15

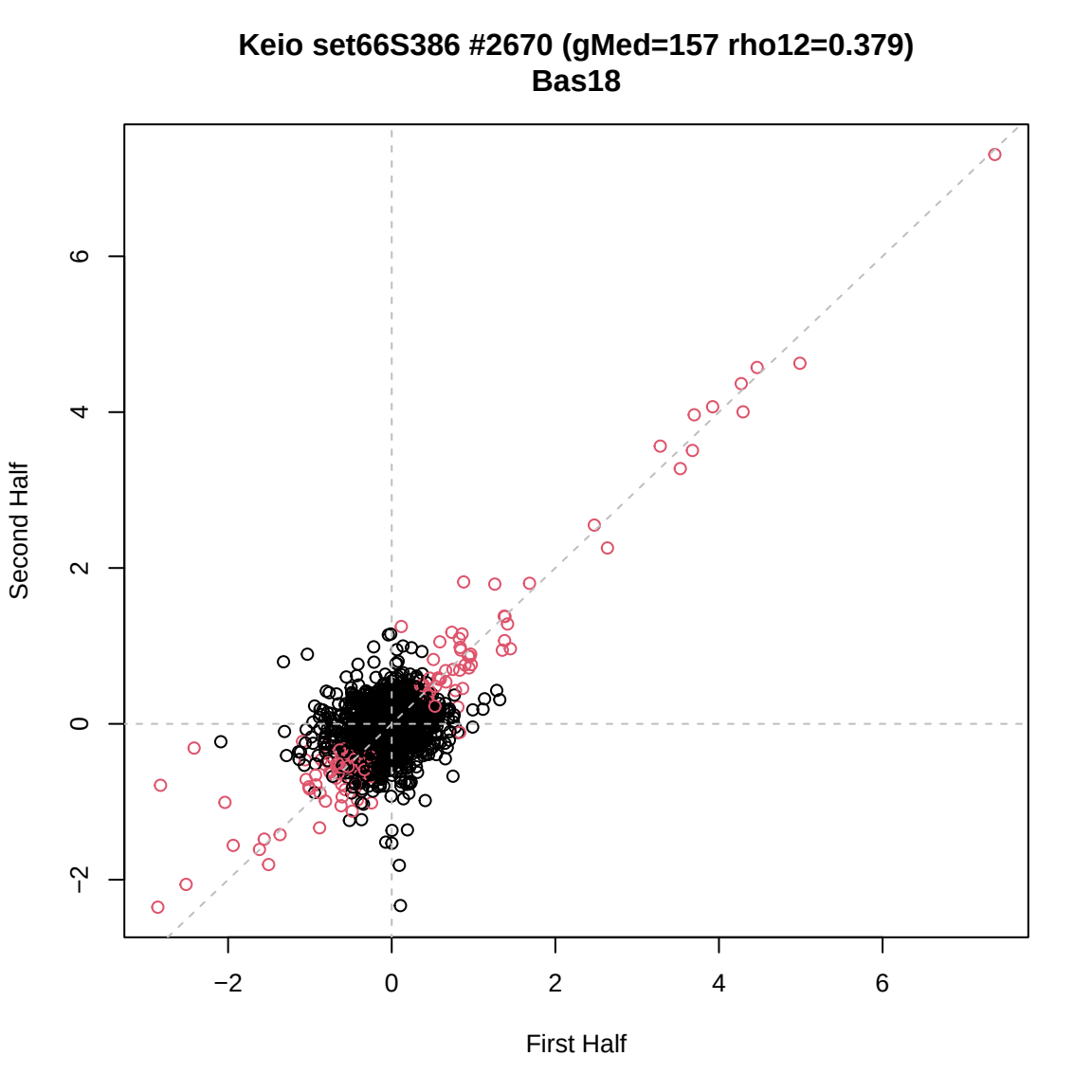

Keio set65S185 #2665 (gMed=183 rho12=−0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5

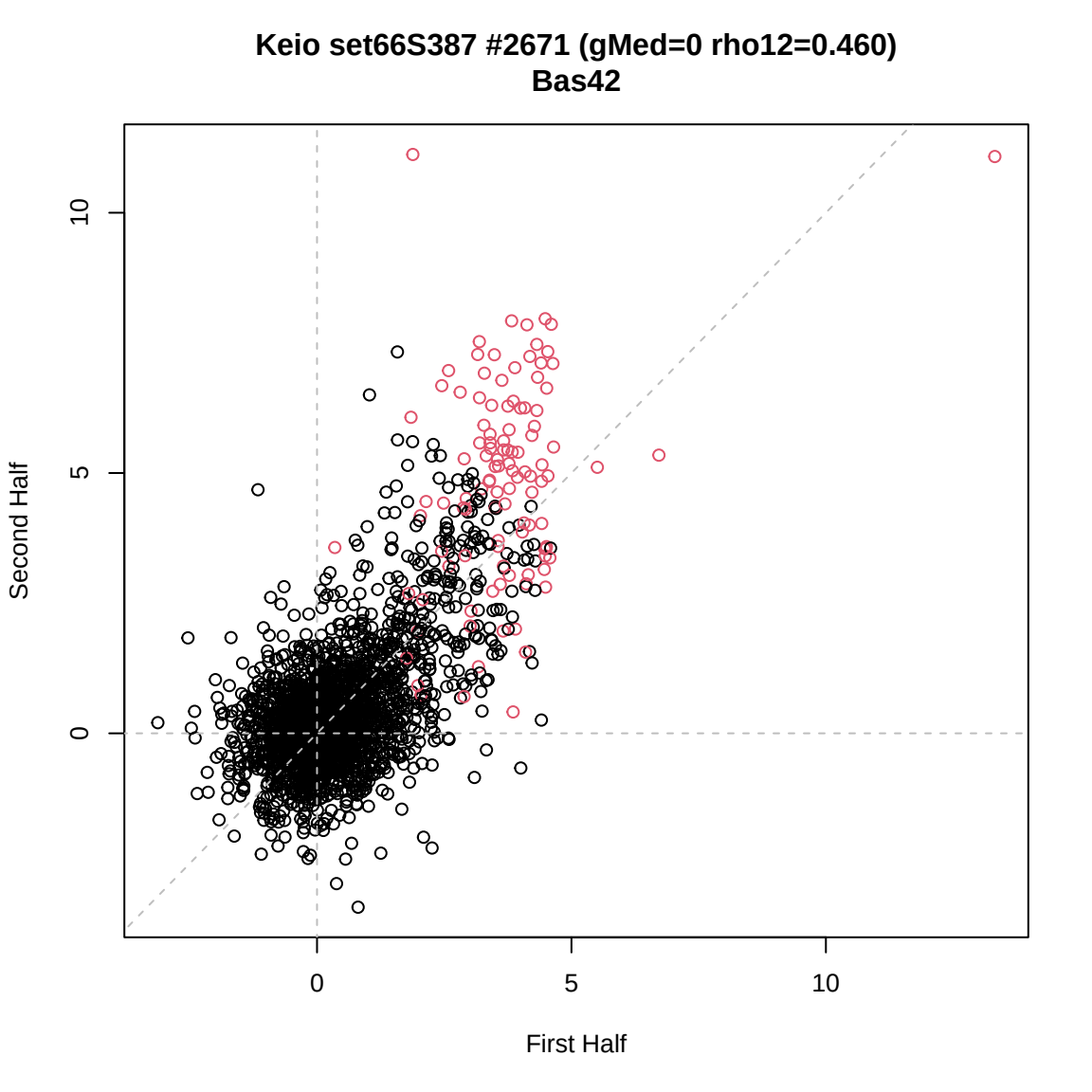

Keio set65S186 #2666 (gMed=157 rho12=−0.004)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

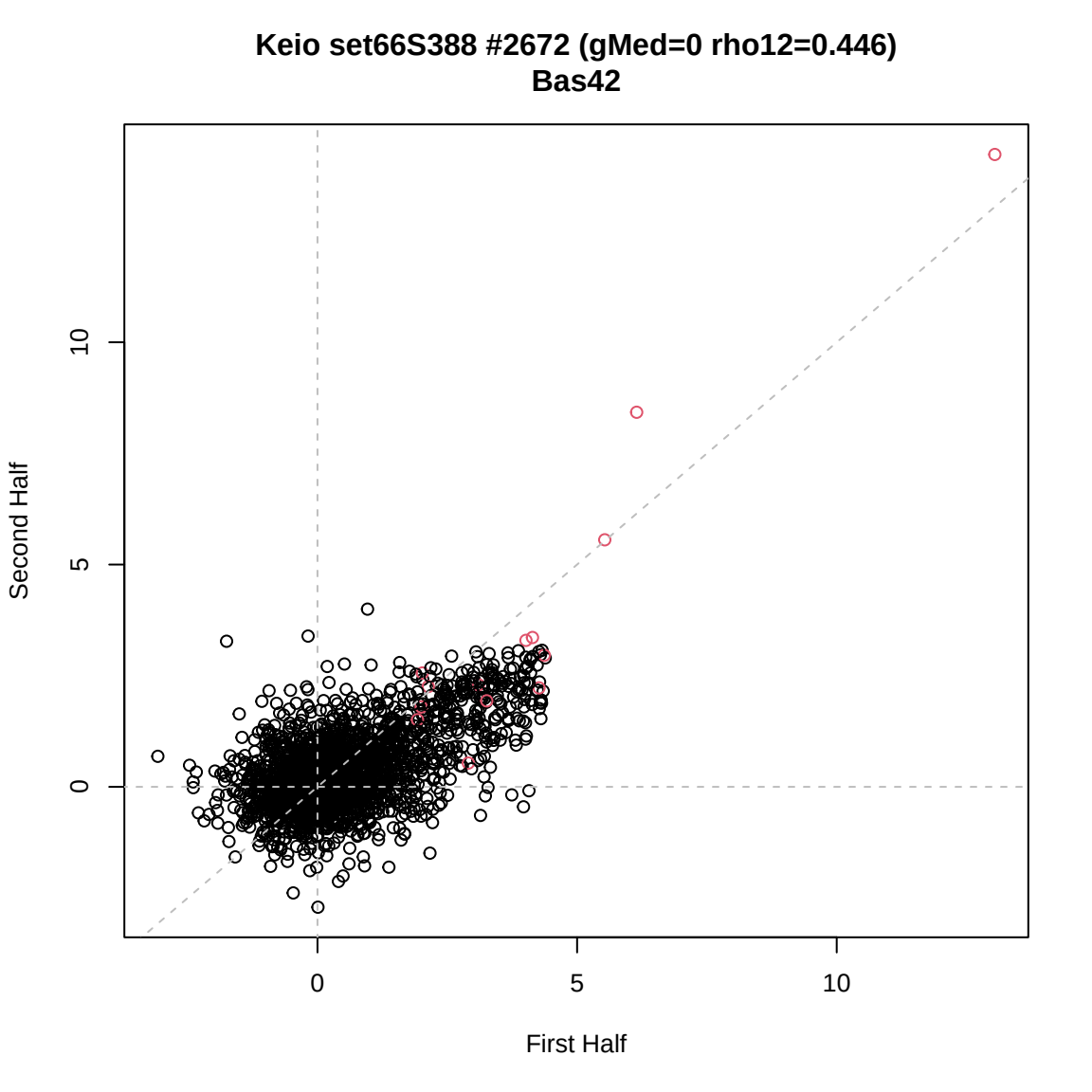

Keio set65S211 #2667 (gMed=1 rho12=0.451)
Bas54
Second Half
First Half
0
5
10
15

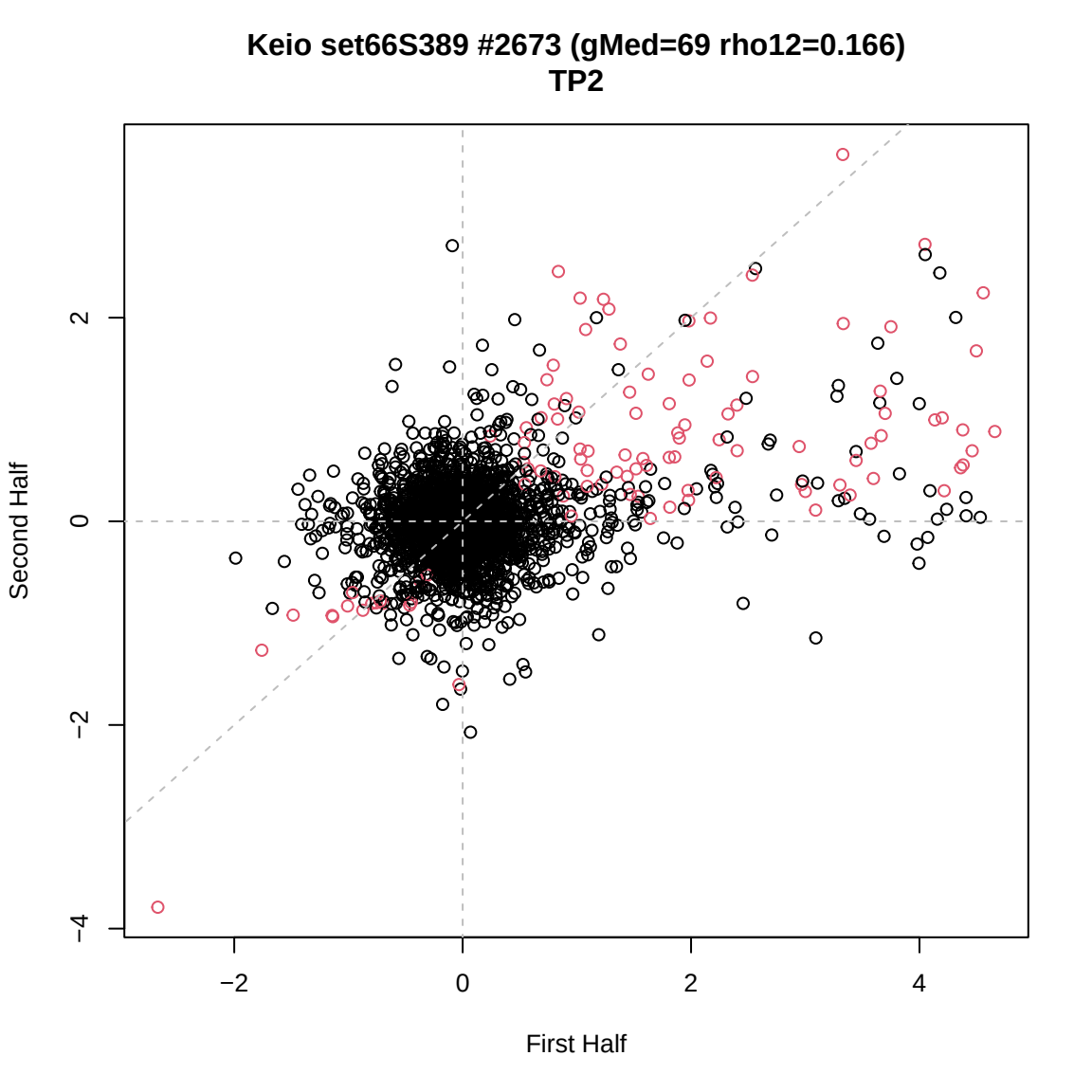

Keio set65S212 #2668 (gMed=0 rho12=0.465)
Bas54
Second Half
First Half
0
5
10
15
0
5
10
15

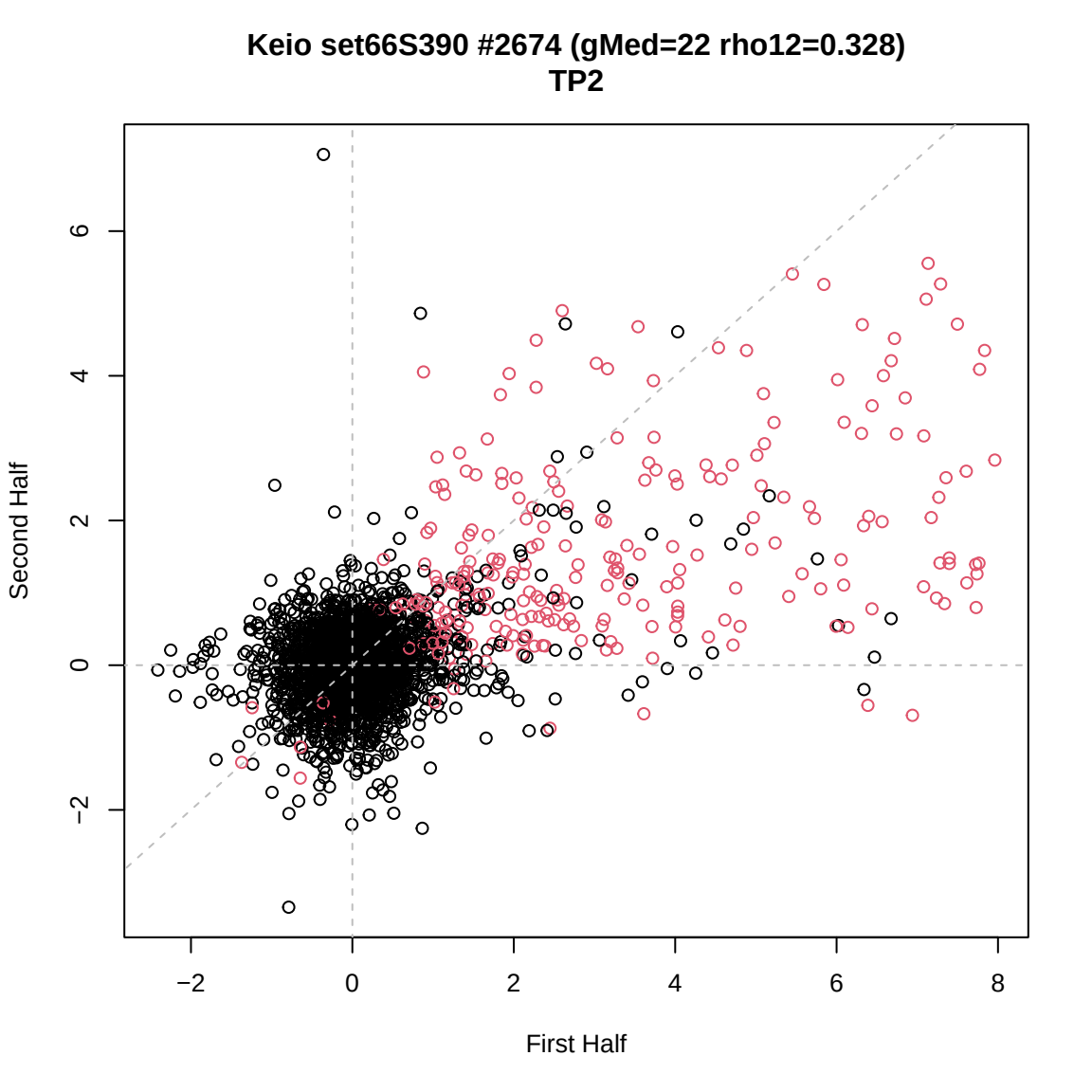

Keio set66S385 #2669 (gMed=75 rho12=0.414)
Bas18
Second Half
First Half
0
5
10
0
5
10

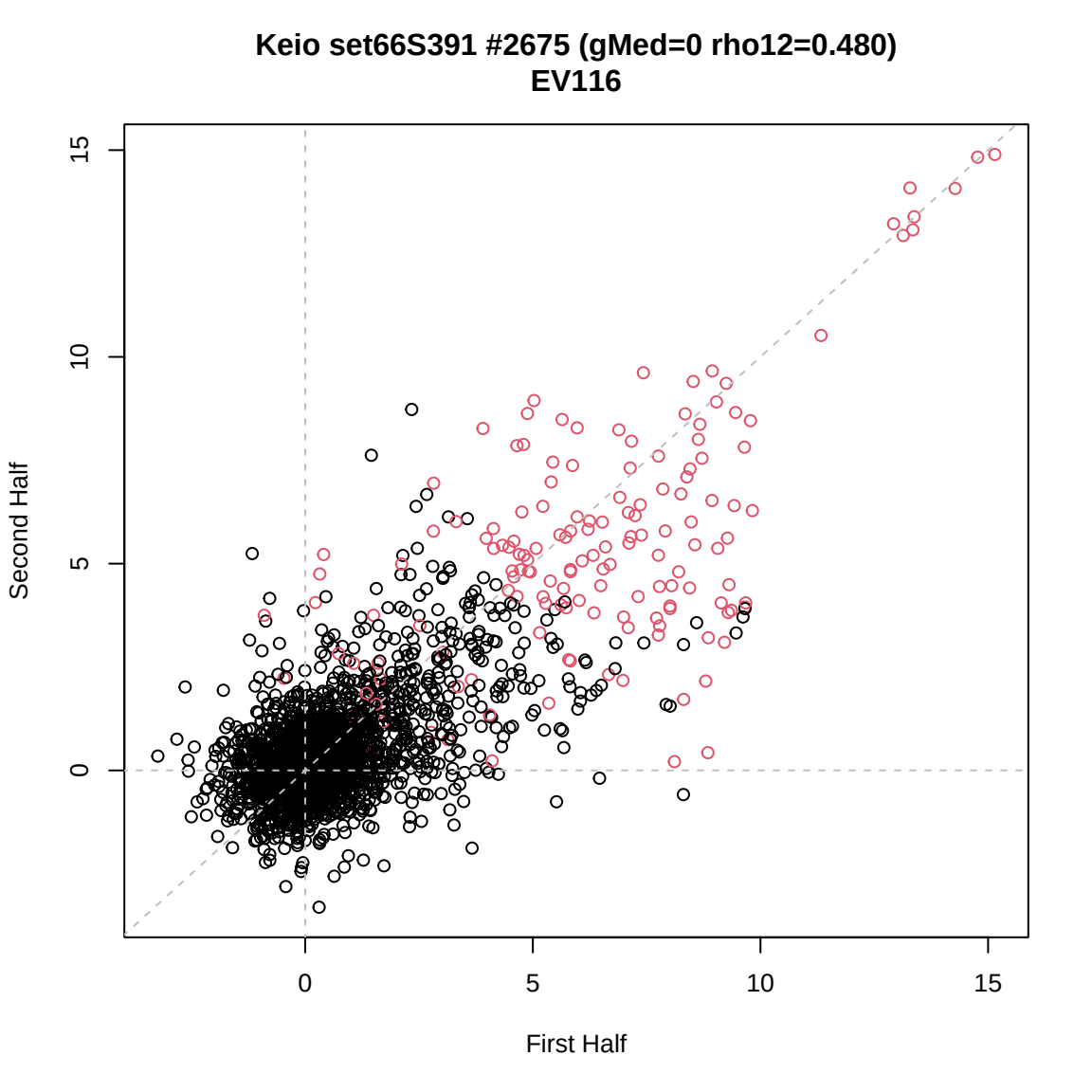

Keio set66S386 #2670 (gMed=157 rho12=0.379)
Bas18
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

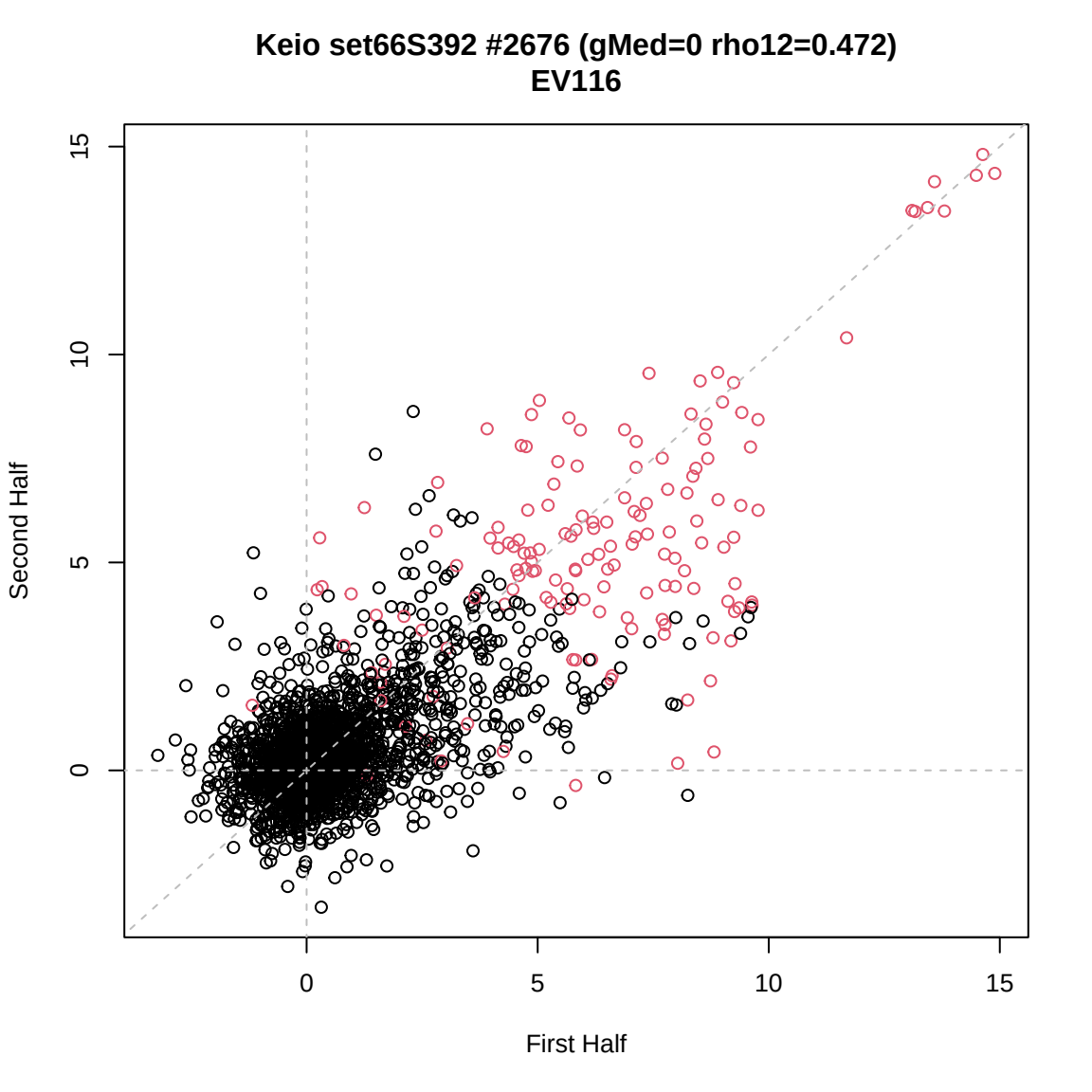

Keio set66S387 #2671 (gMed=0 rho12=0.460)
Bas42
Second Half
First Half
0
5
10
0
5
10

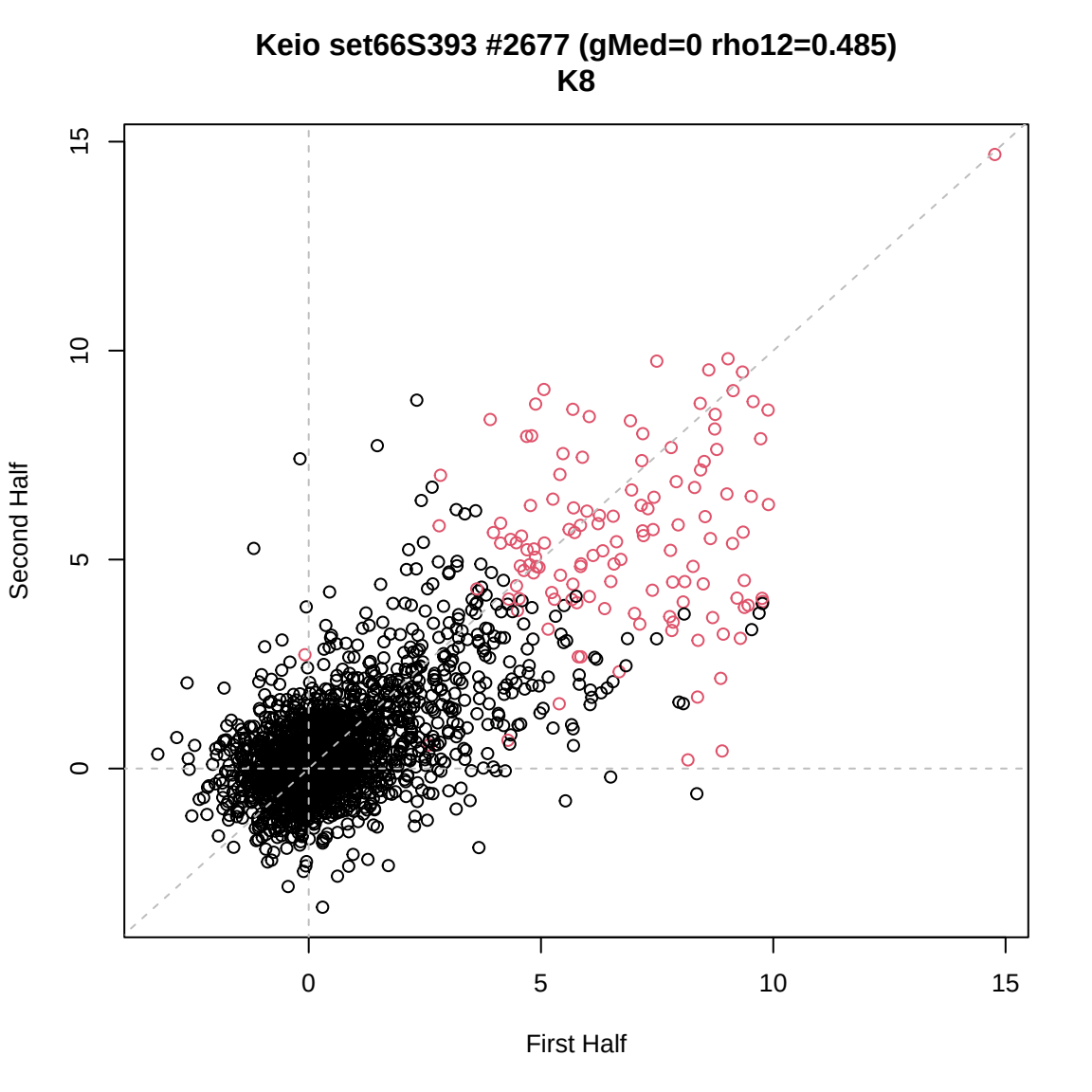

Keio set66S388 #2672 (gMed=0 rho12=0.446)
Bas42
Second Half
First Half
0
5
10
0
5
10

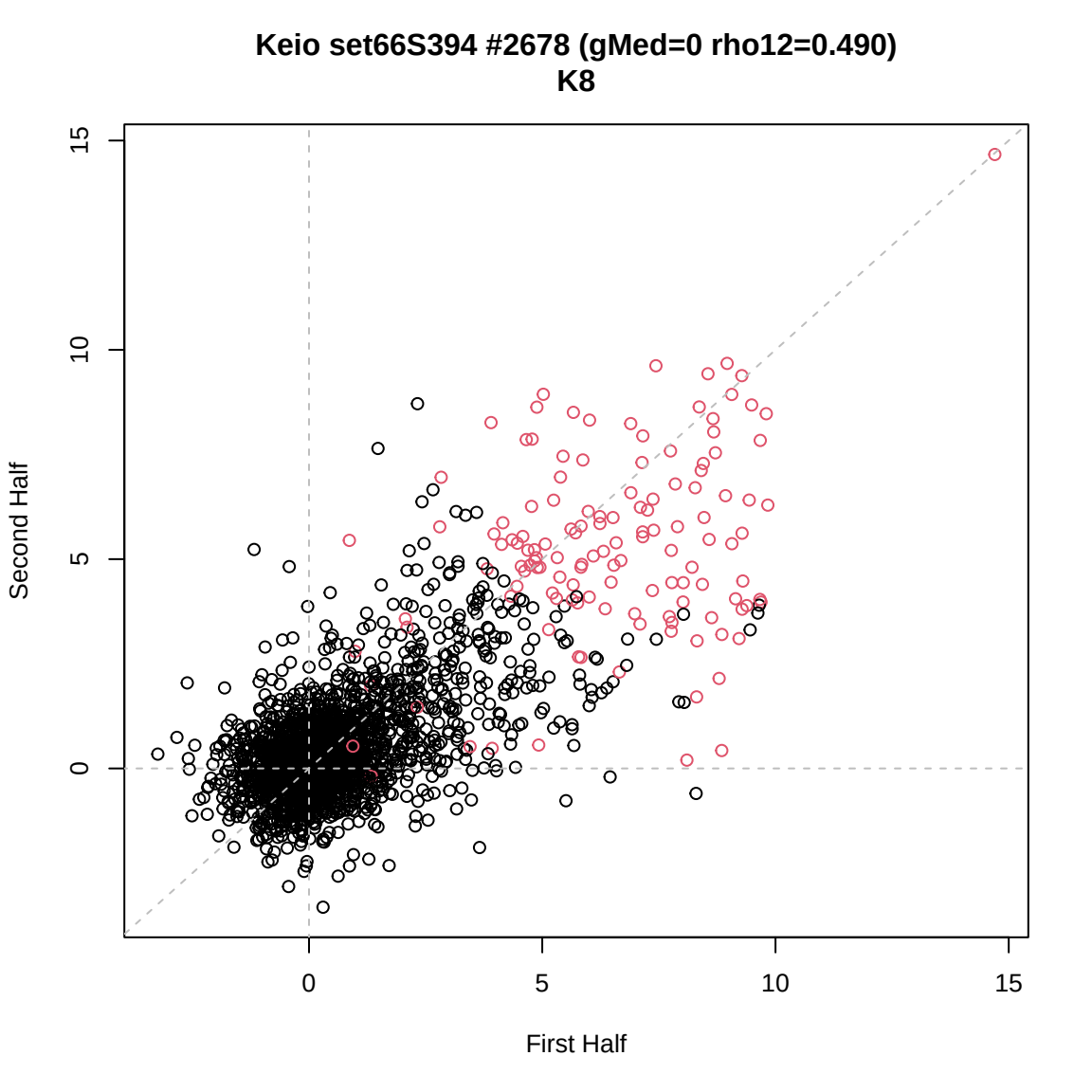

Keio set66S389 #2673 (gMed=69 rho12=0.166)
TP2
Second Half
First Half
2
0
−2
−4
−2
0
2
4

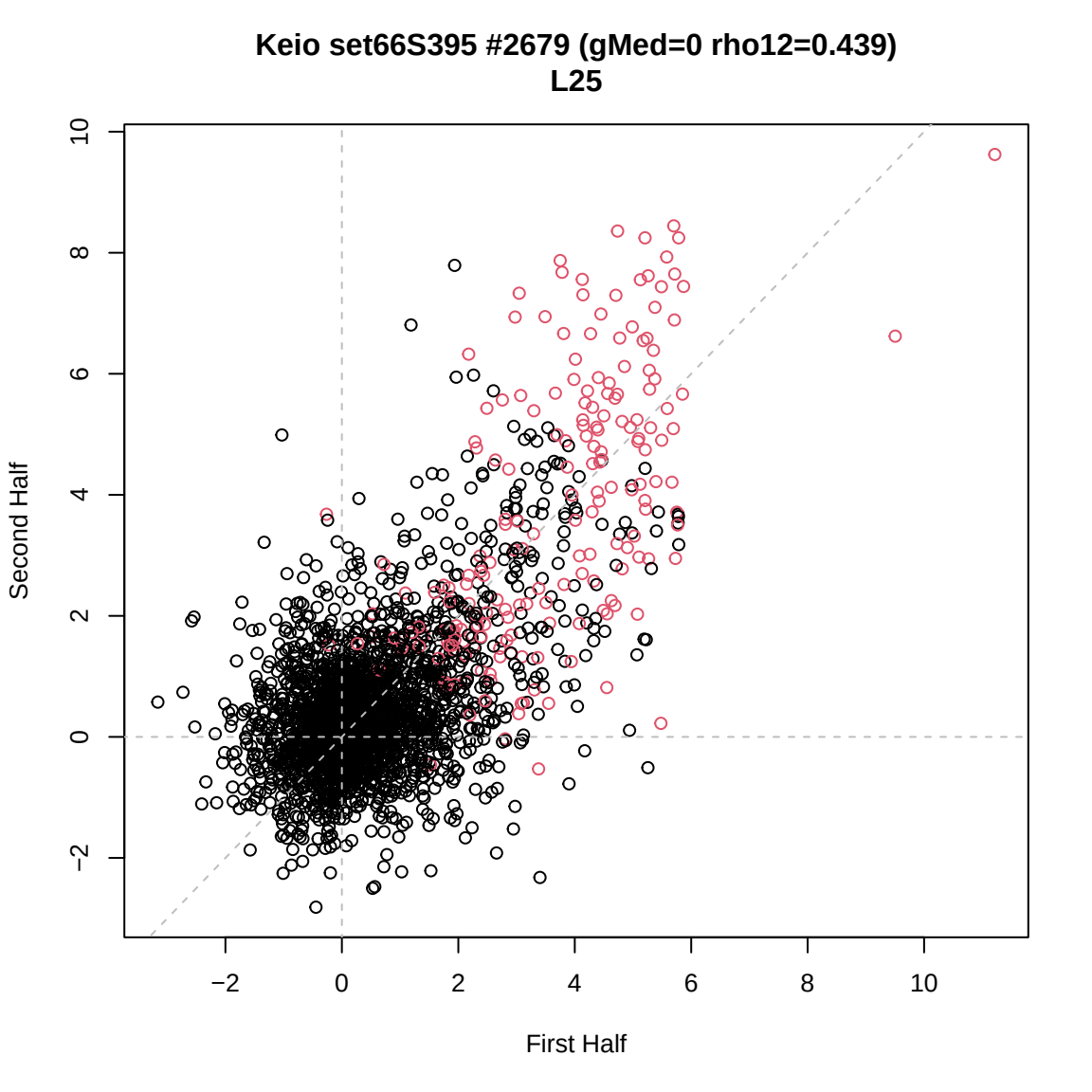

Keio set66S390 #2674 (gMed=22 rho12=0.328)
TP2
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

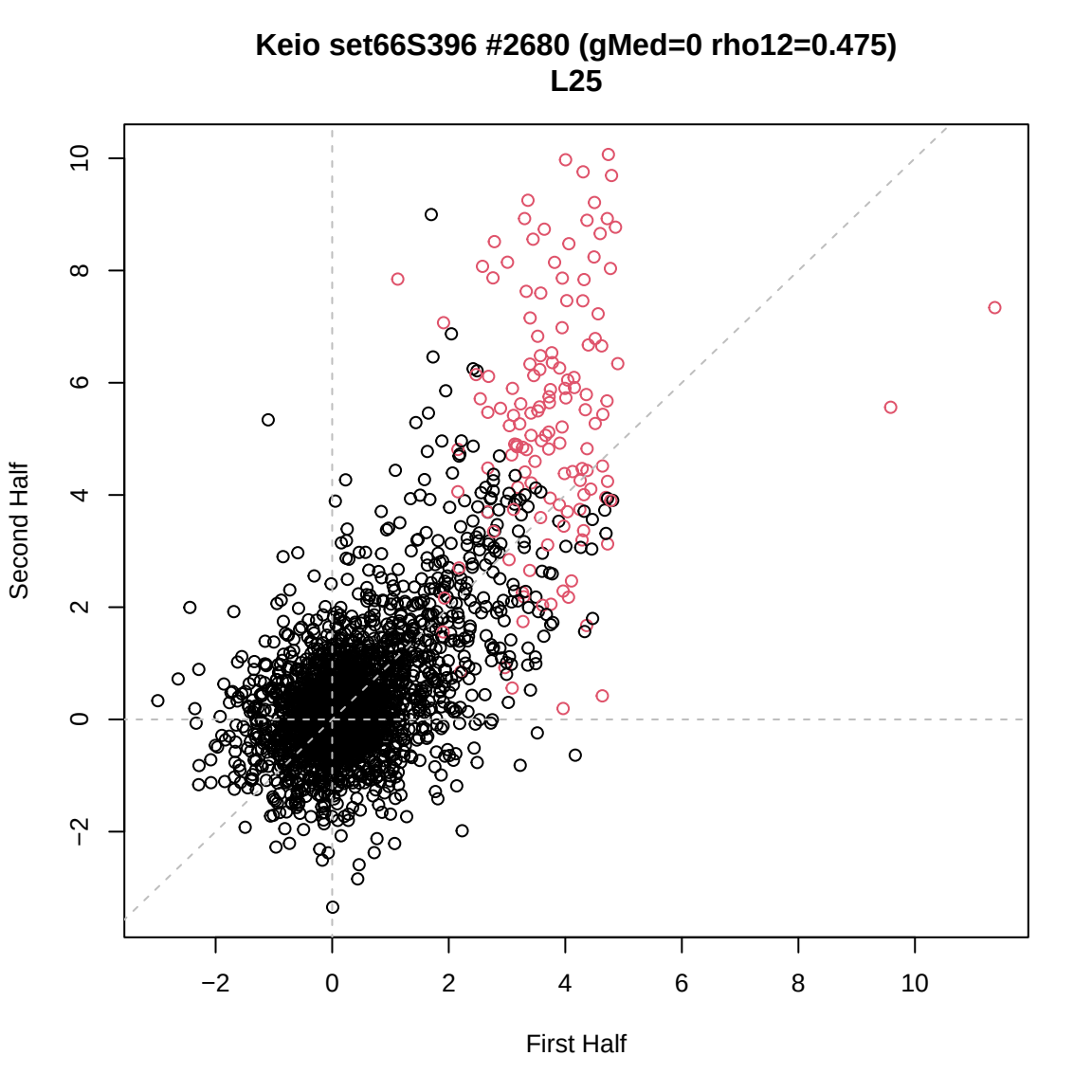

Keio set66S391 #2675 (gMed=0 rho12=0.480)
EV116
Second Half
First Half
0
5
10
15

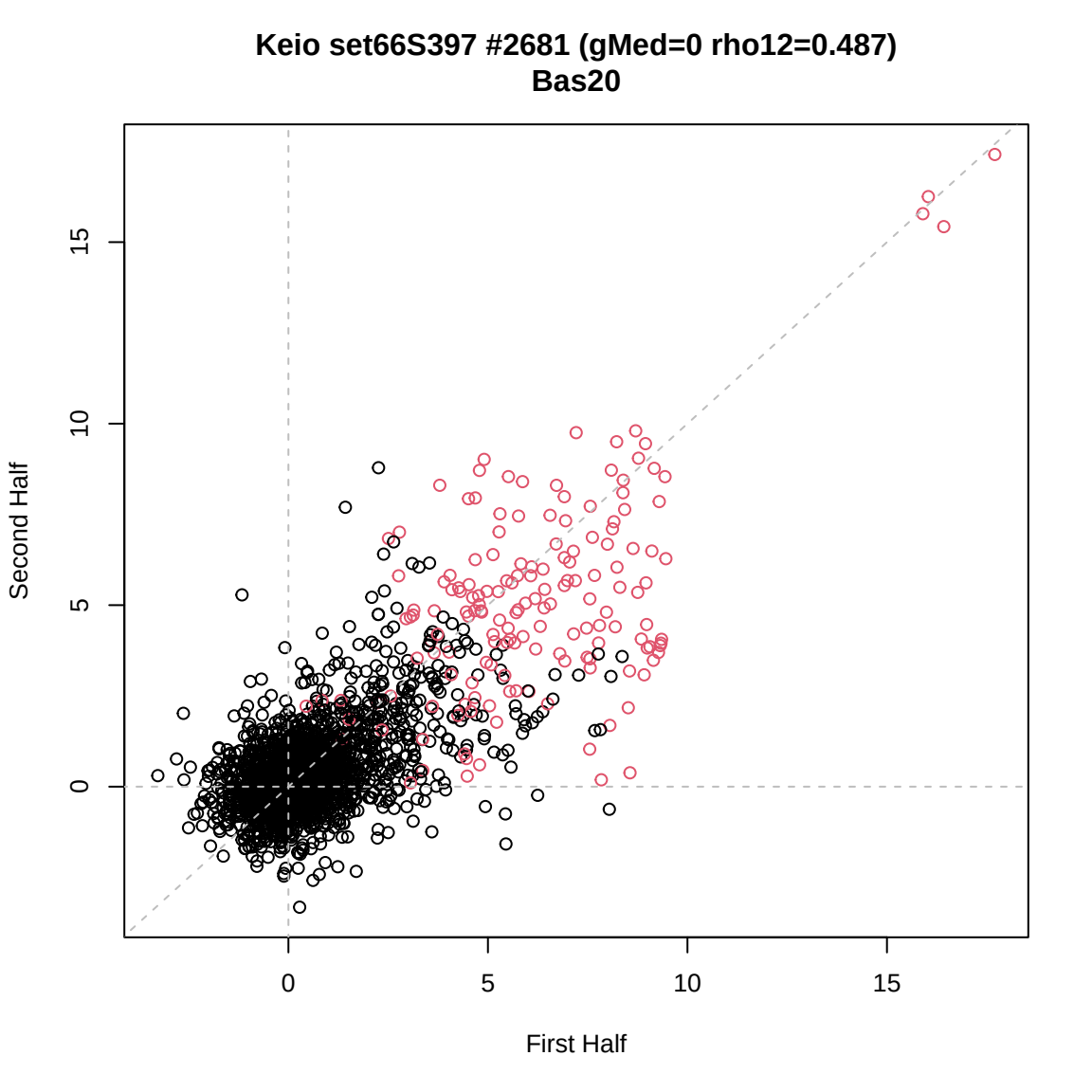

Keio set66S392 #2676 (gMed=0 rho12=0.472)
EV116
Second Half
First Half
0
5
10
15

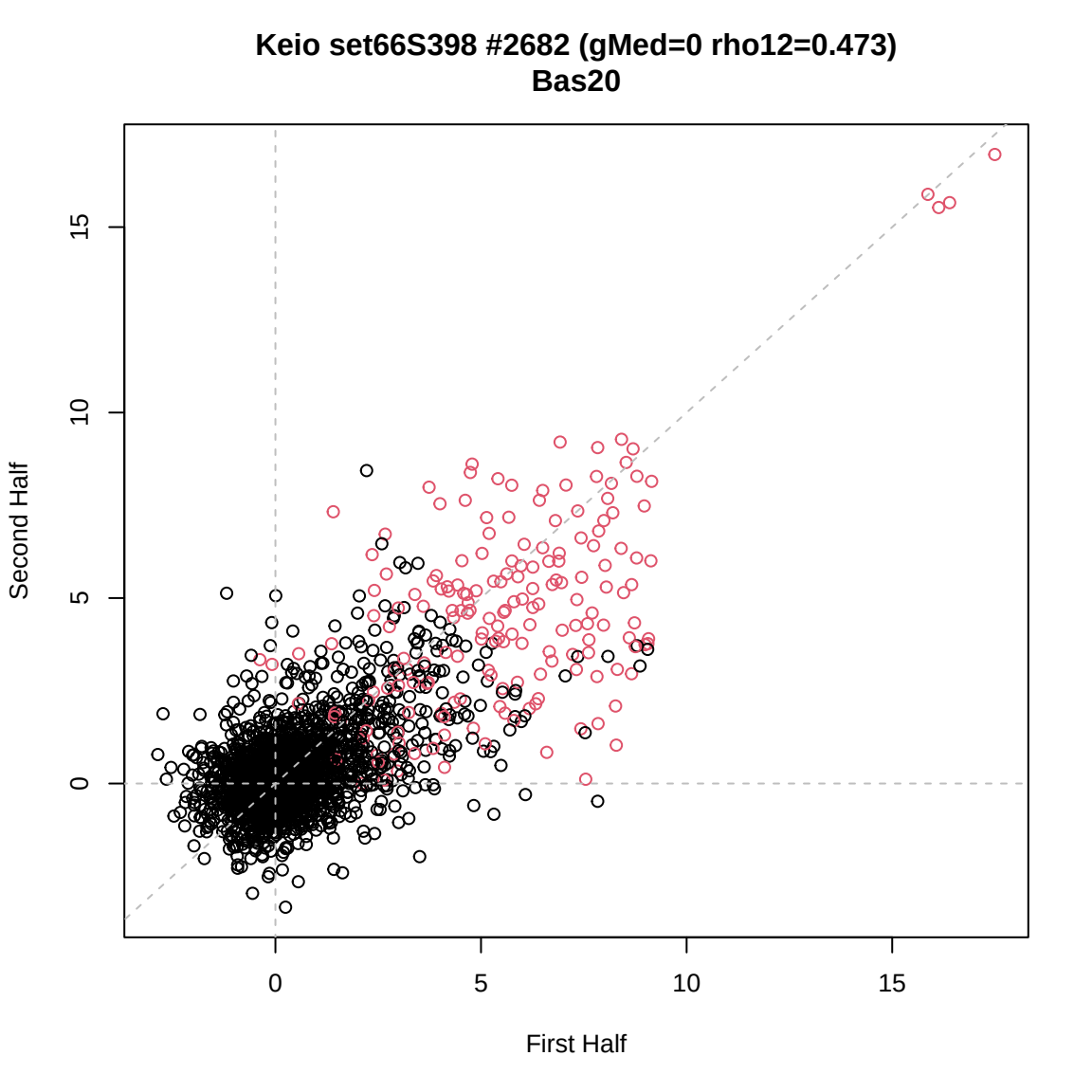

Keio set66S393 #2677 (gMed=0 rho12=0.485)
K8
Second Half
First Half
15
10
5
0
0
5
10
15

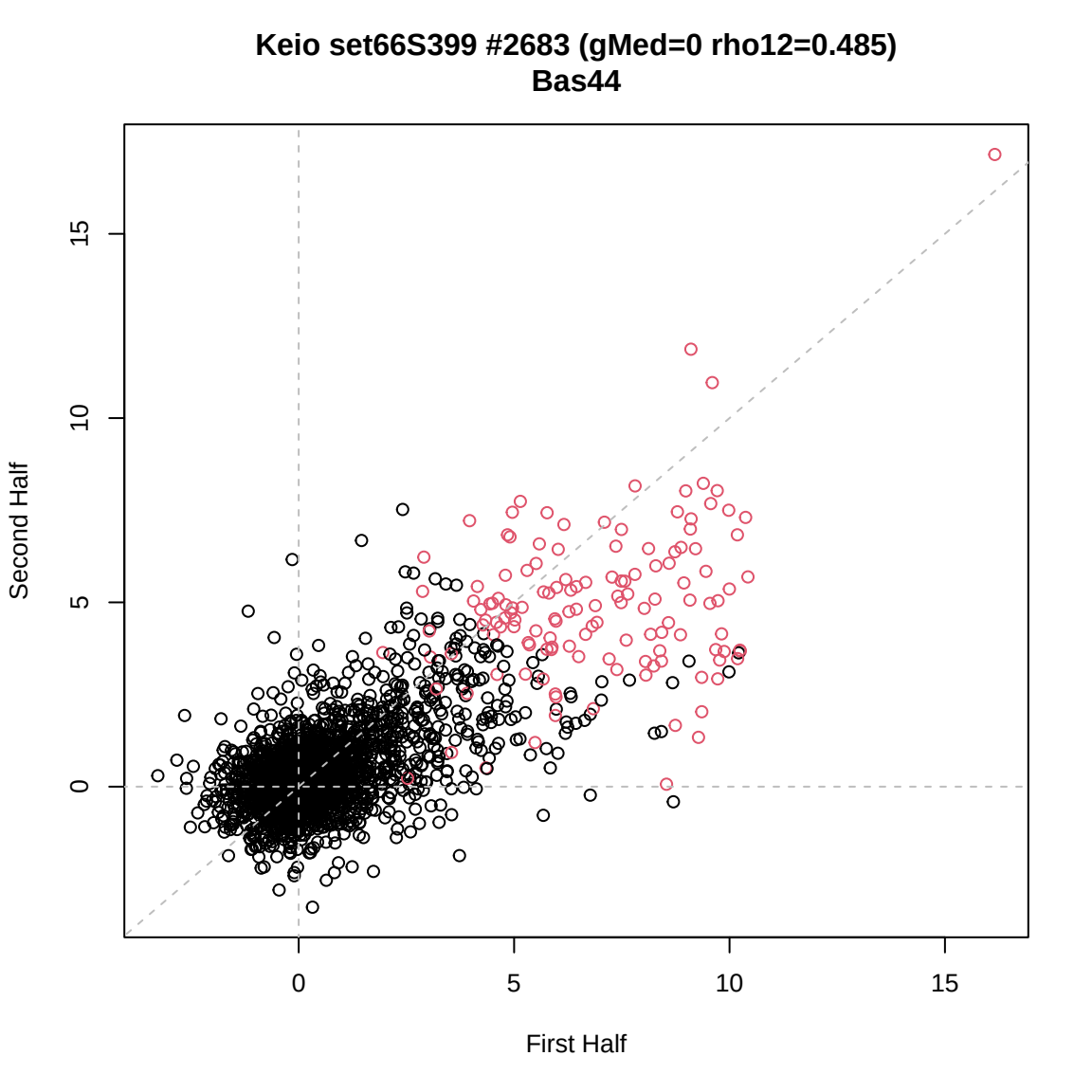

Keio set66S394 #2678 (gMed=0 rho12=0.490)
K8
Second Half
First Half
0
5
10
15

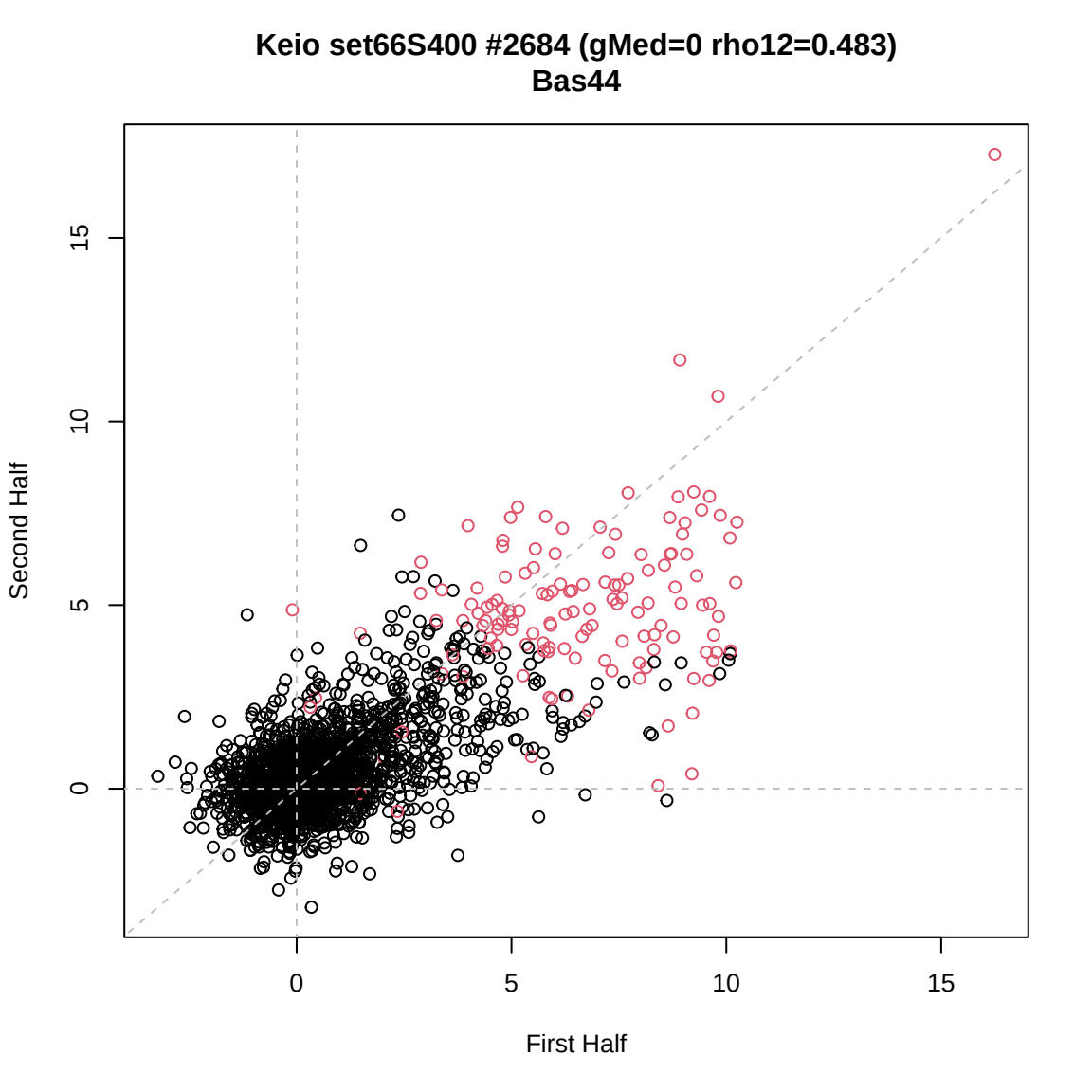

Keio set66S395 #2679 (gMed=0 rho12=0.439)
L25
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

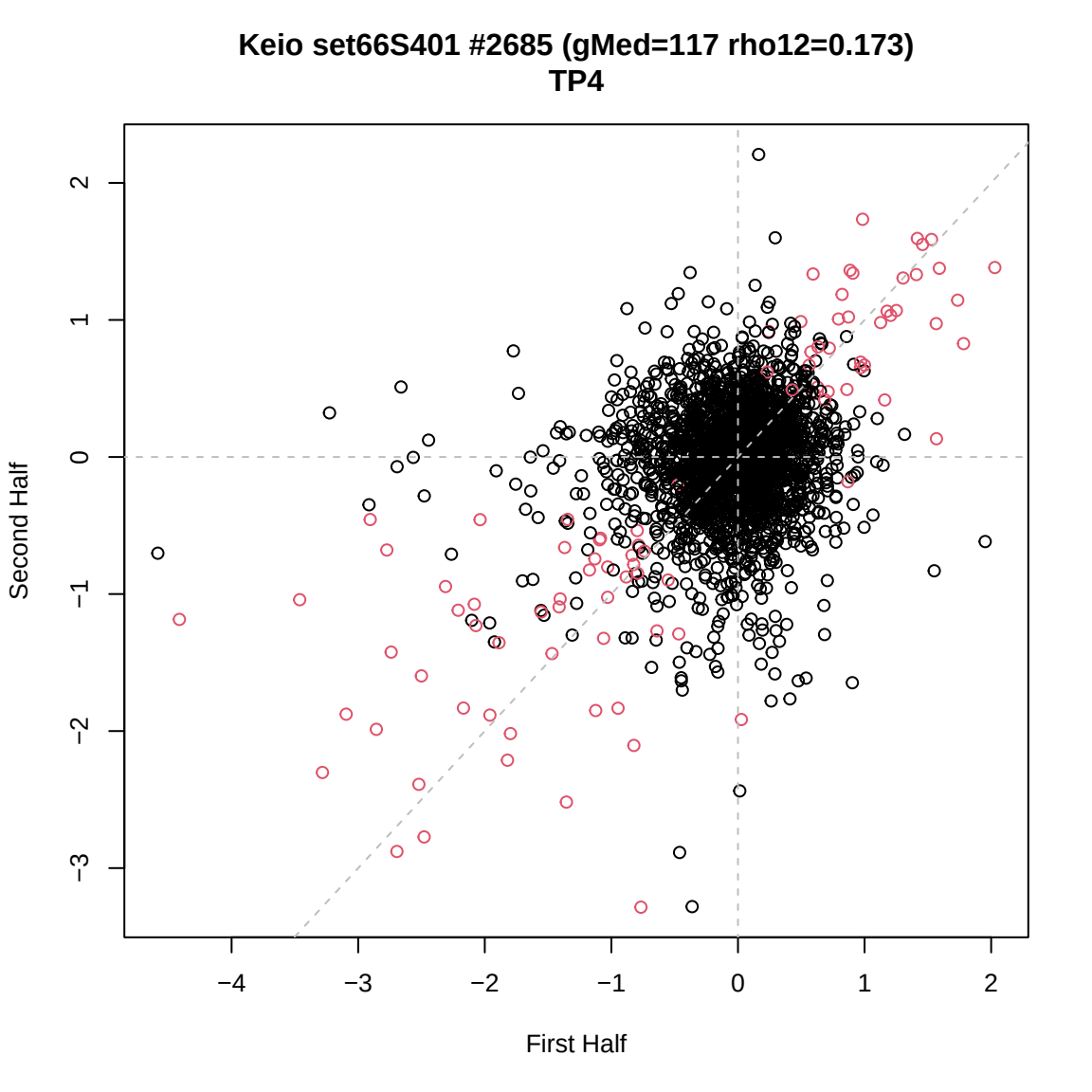

Keio set66S396 #2680 (gMed=0 rho12=0.475)
L25
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

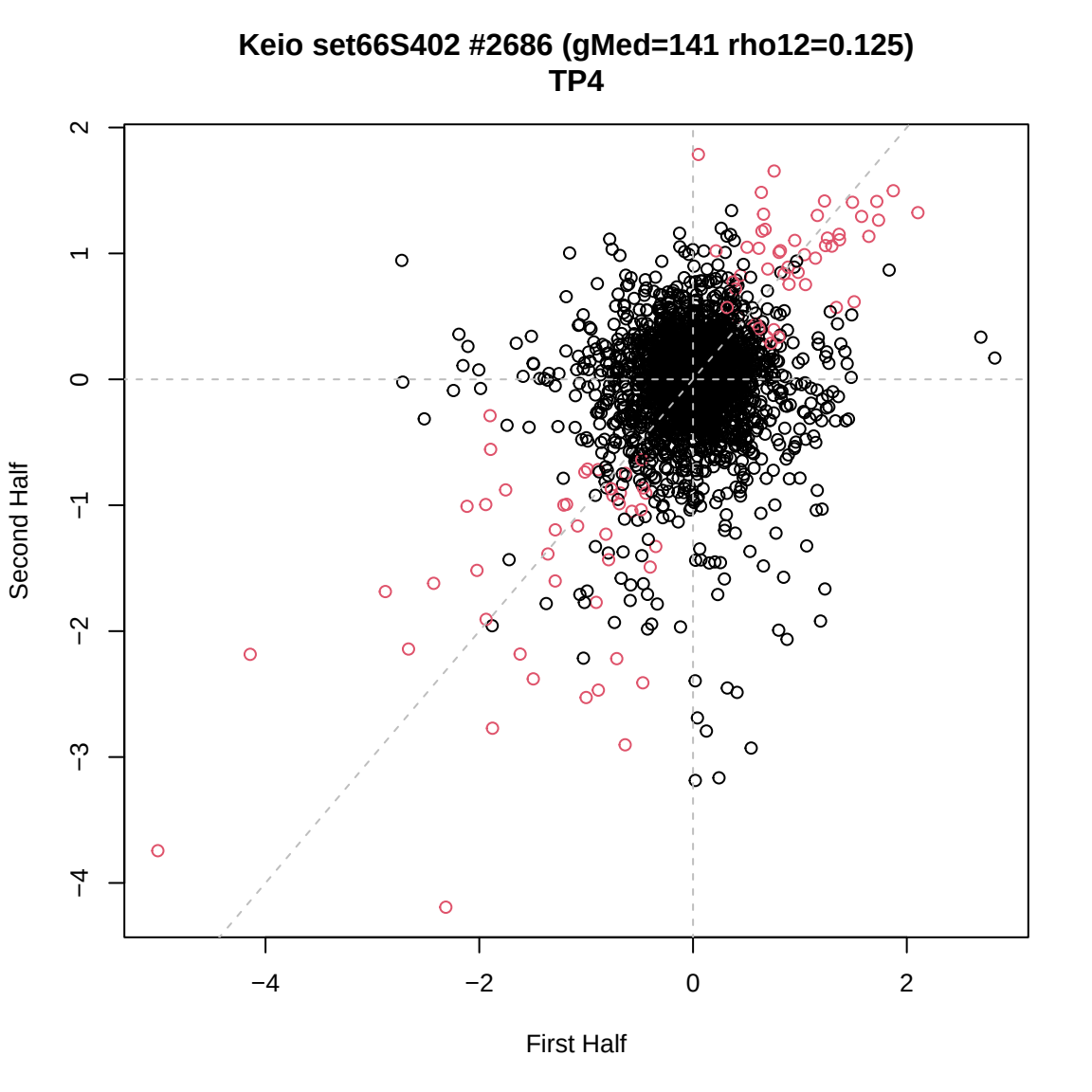

Keio set66S397 #2681 (gMed=0 rho12=0.487)
Bas20
Second Half
First Half
0
5
10
15
0
5
10
15

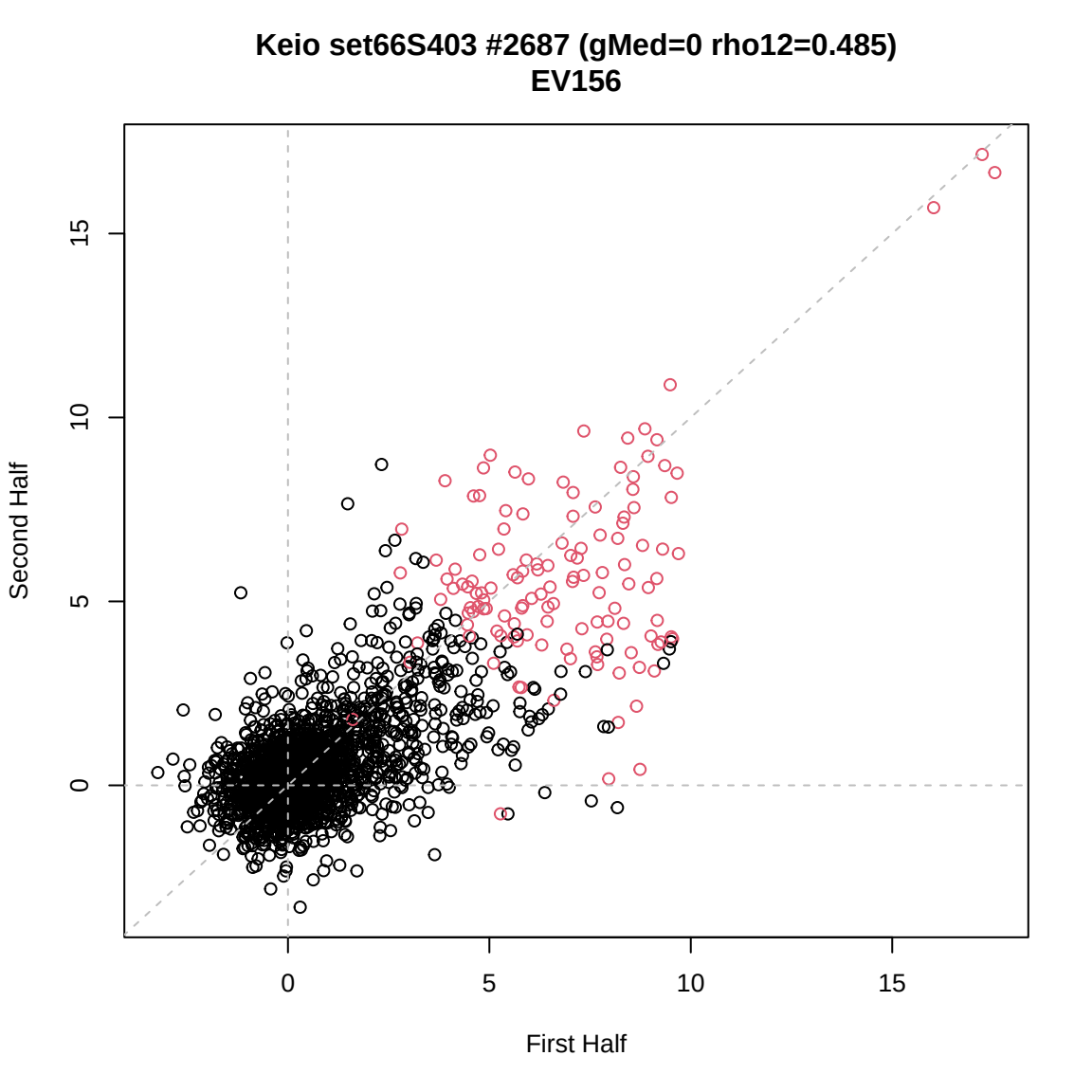

Keio set66S398 #2682 (gMed=0 rho12=0.473)
Bas20
Second Half
First Half
0
5
10
15

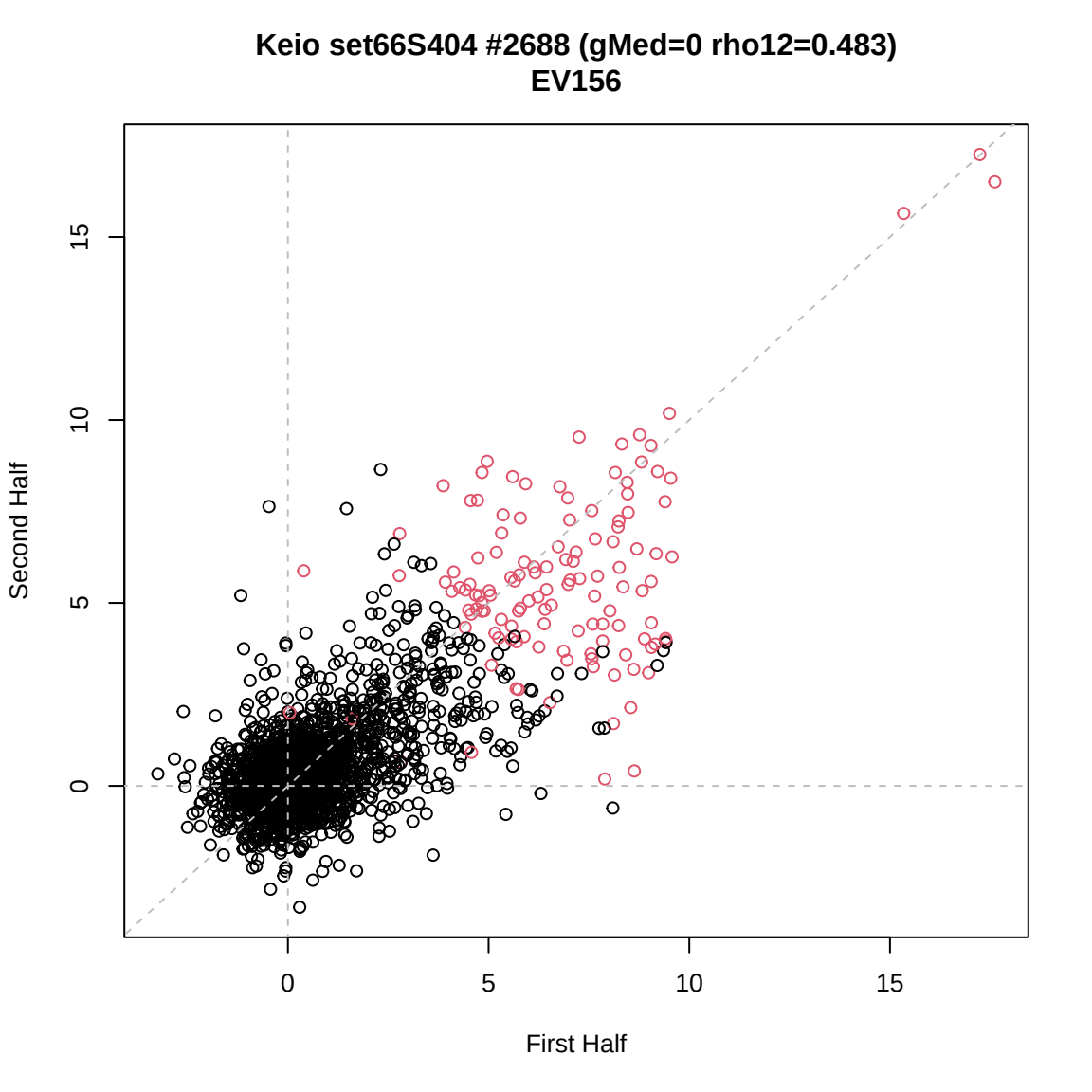

Keio set66S399 #2683 (gMed=0 rho12=0.485)
Bas44
Second Half
First Half
0
5
10
15

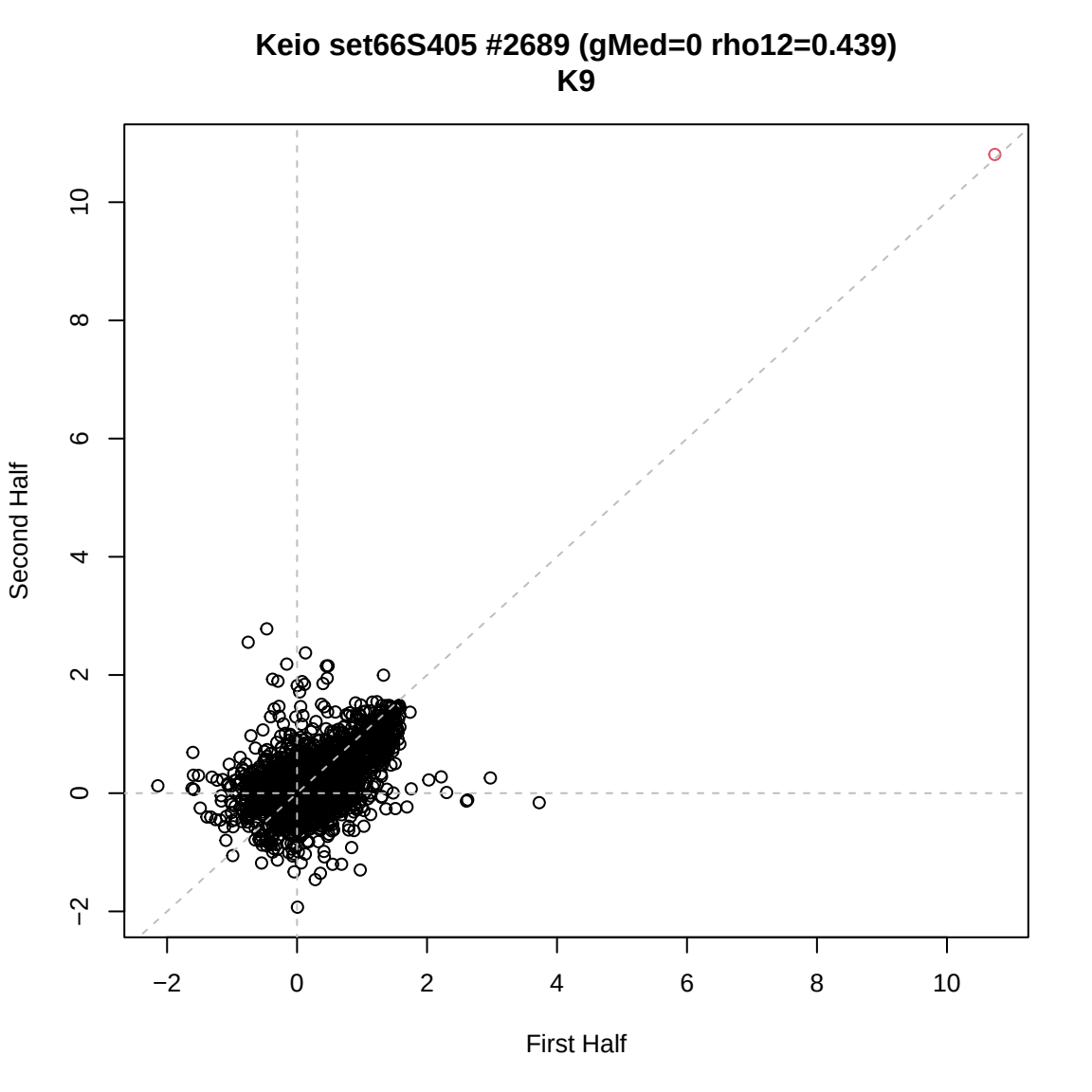

Keio set66S400 #2684 (gMed=0 rho12=0.483)
Bas44
Second Half
First Half
0
5
10
15
0
5
10
15

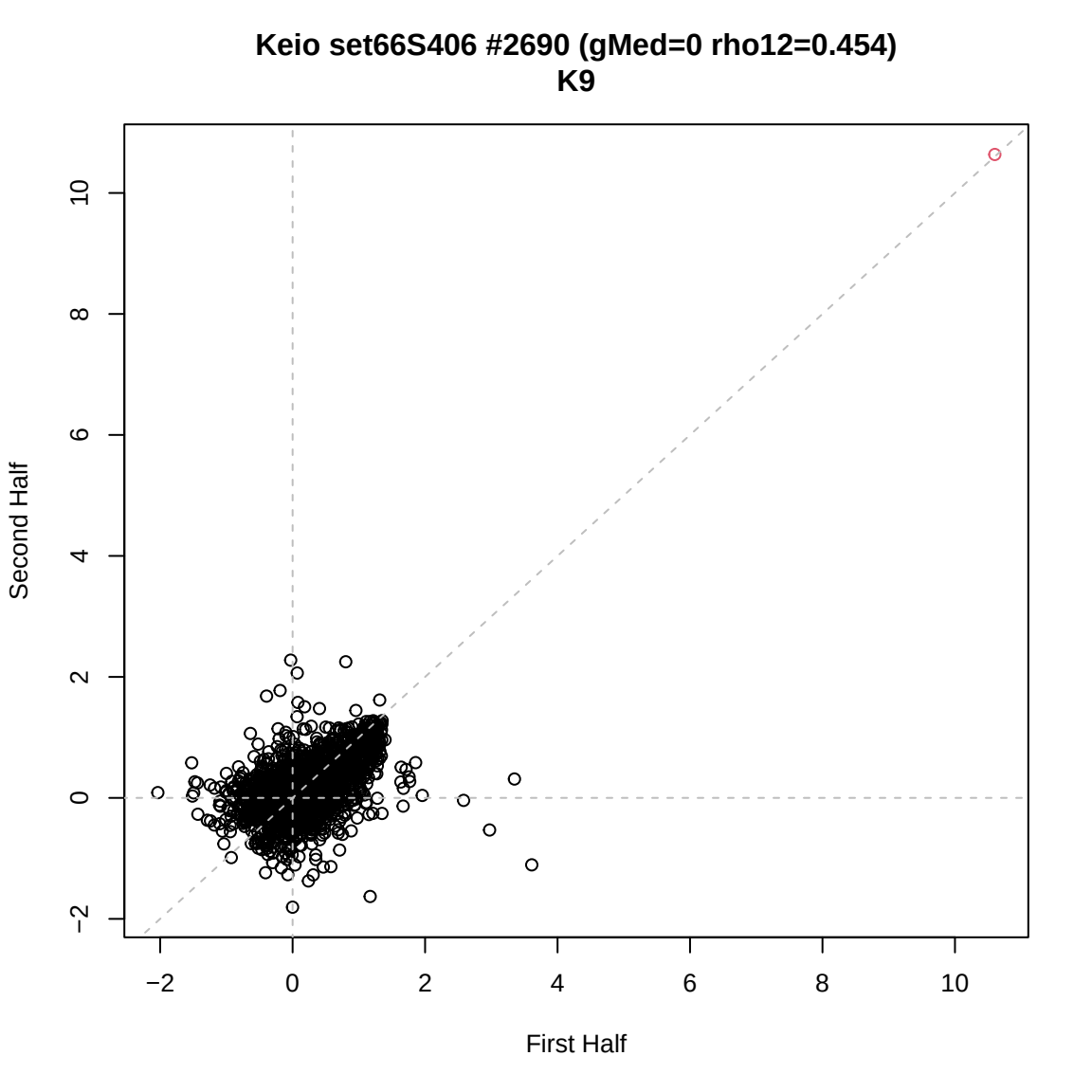

Keio set66S401 #2685 (gMed=117 rho12=0.173)
TP4
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

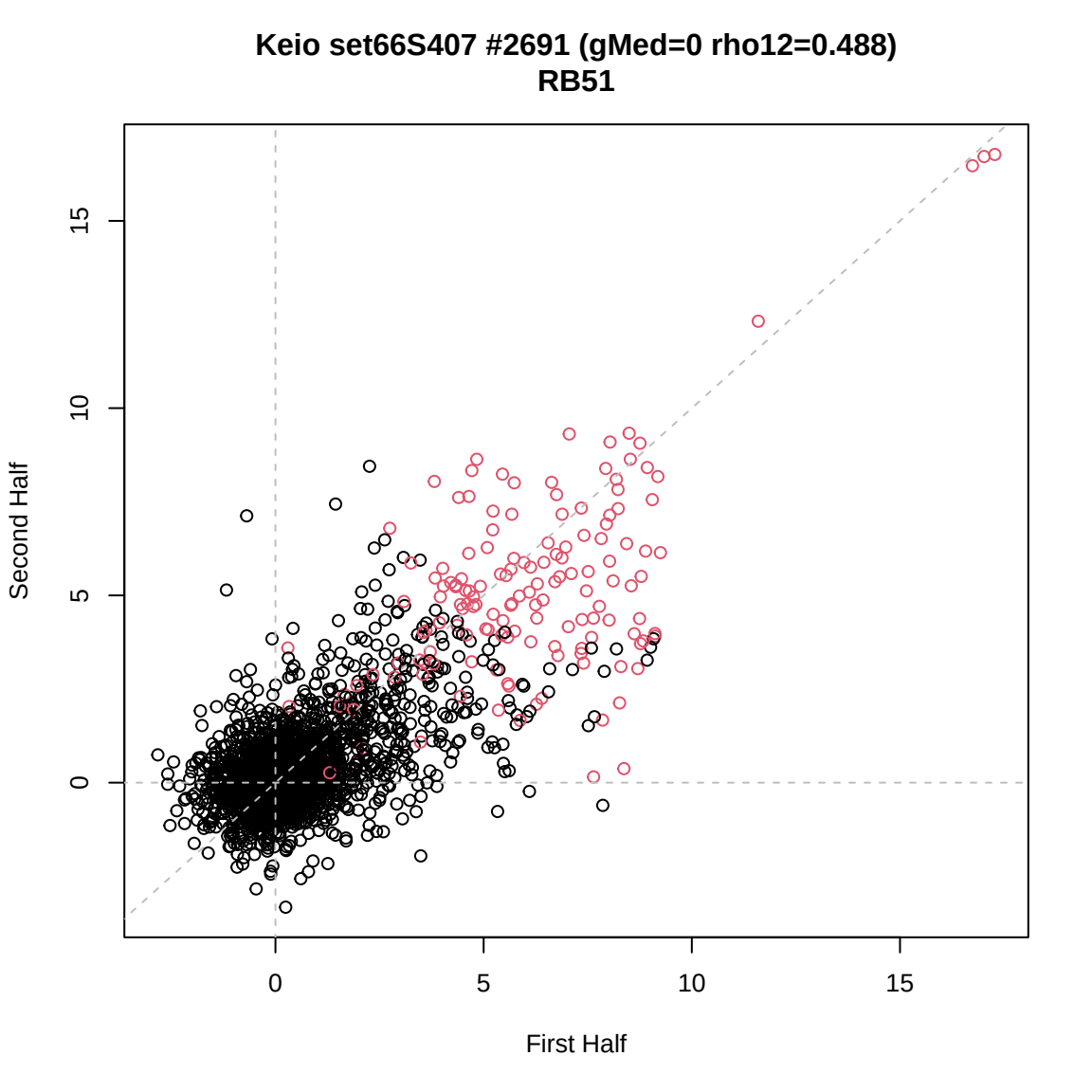

Keio set66S402 #2686 (gMed=141 rho12=0.125)
TP4
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

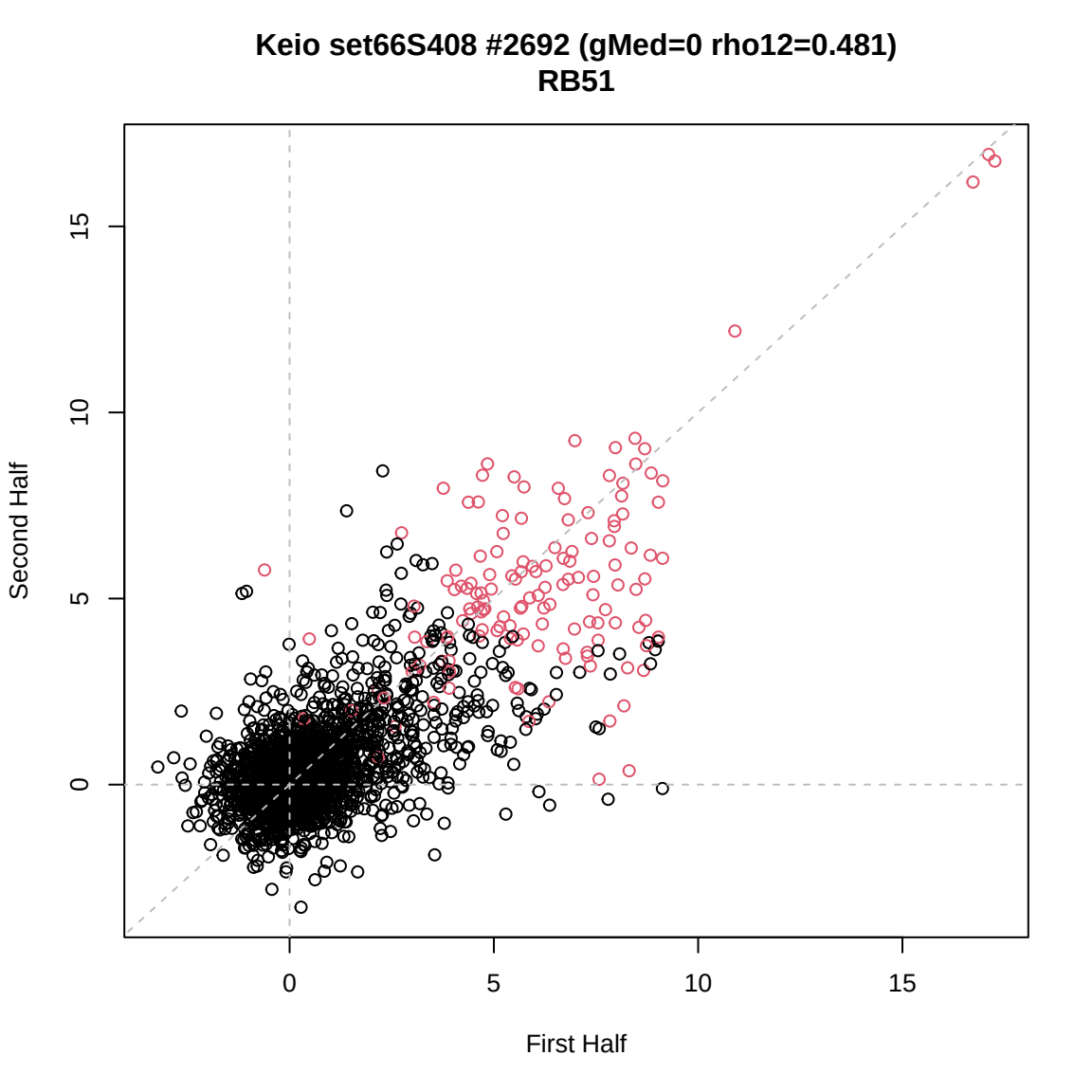

Keio set66S403 #2687 (gMed=0 rho12=0.485)
EV156
Second Half
First Half
0
5
10
15

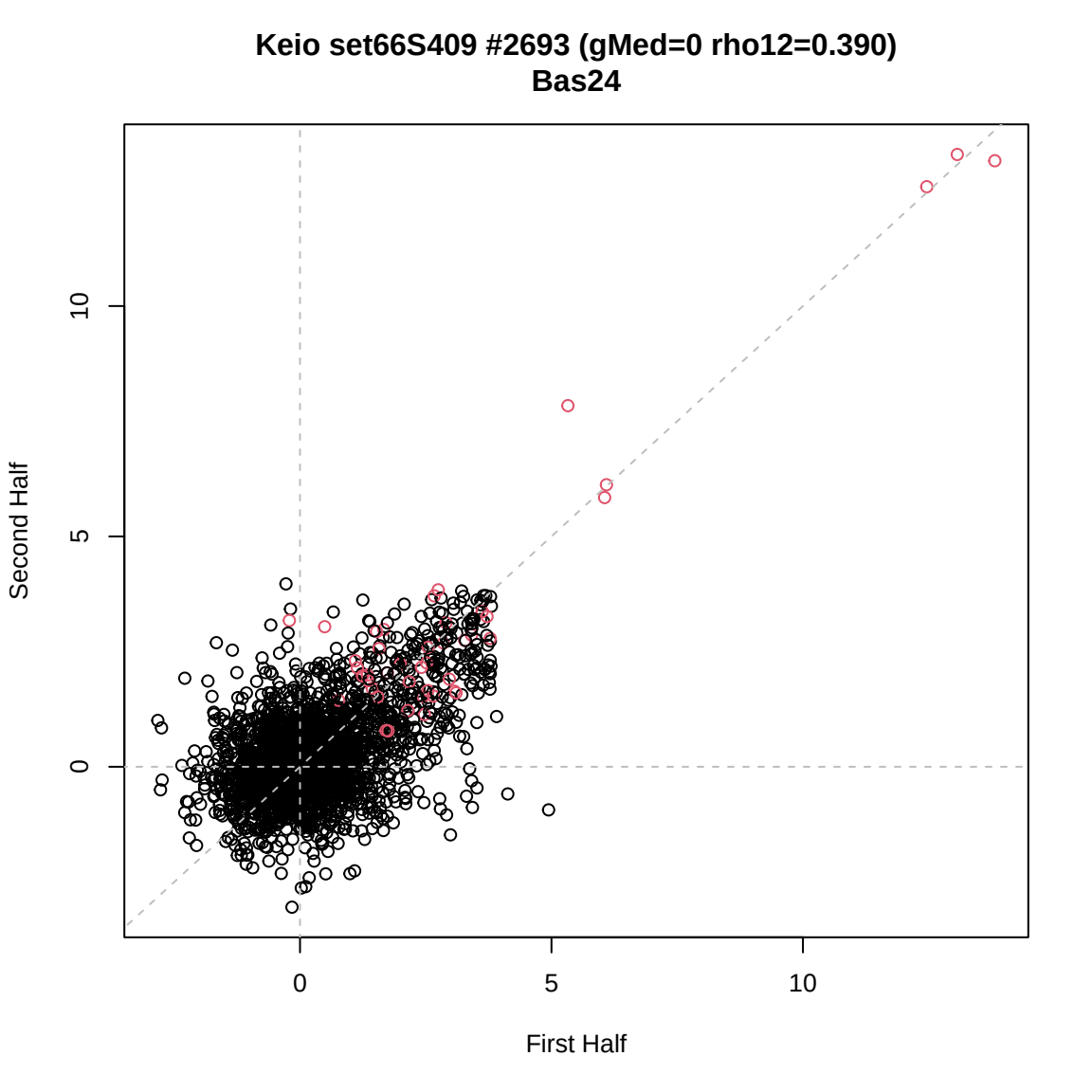

Keio set66S404 #2688 (gMed=0 rho12=0.483)
EV156
Second Half
First Half
0
5
10
15
0
5
10
15

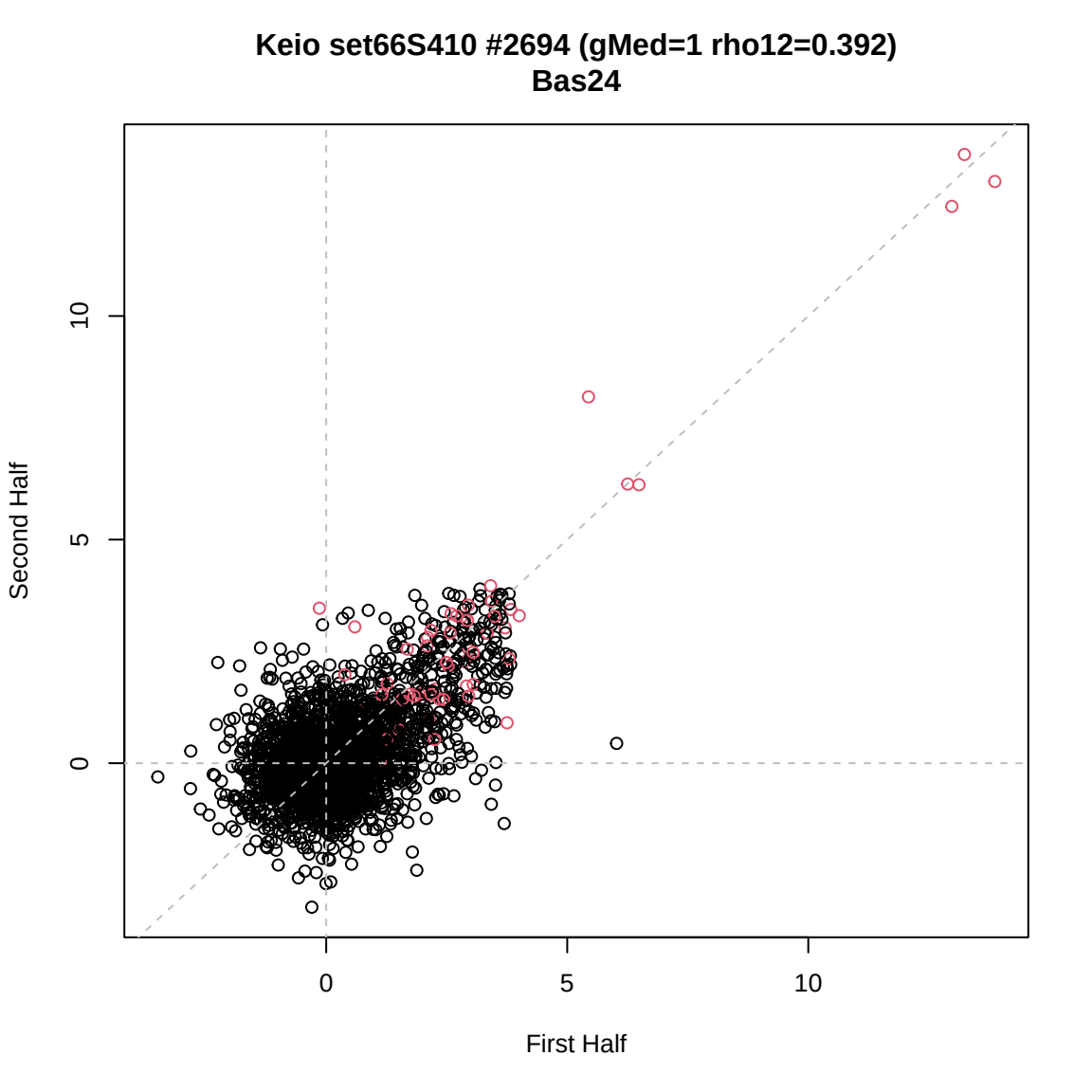

Keio set66S405 #2689 (gMed=0 rho12=0.439)
K9
Second Half
First Half
−2
0
2
4
6
8
10

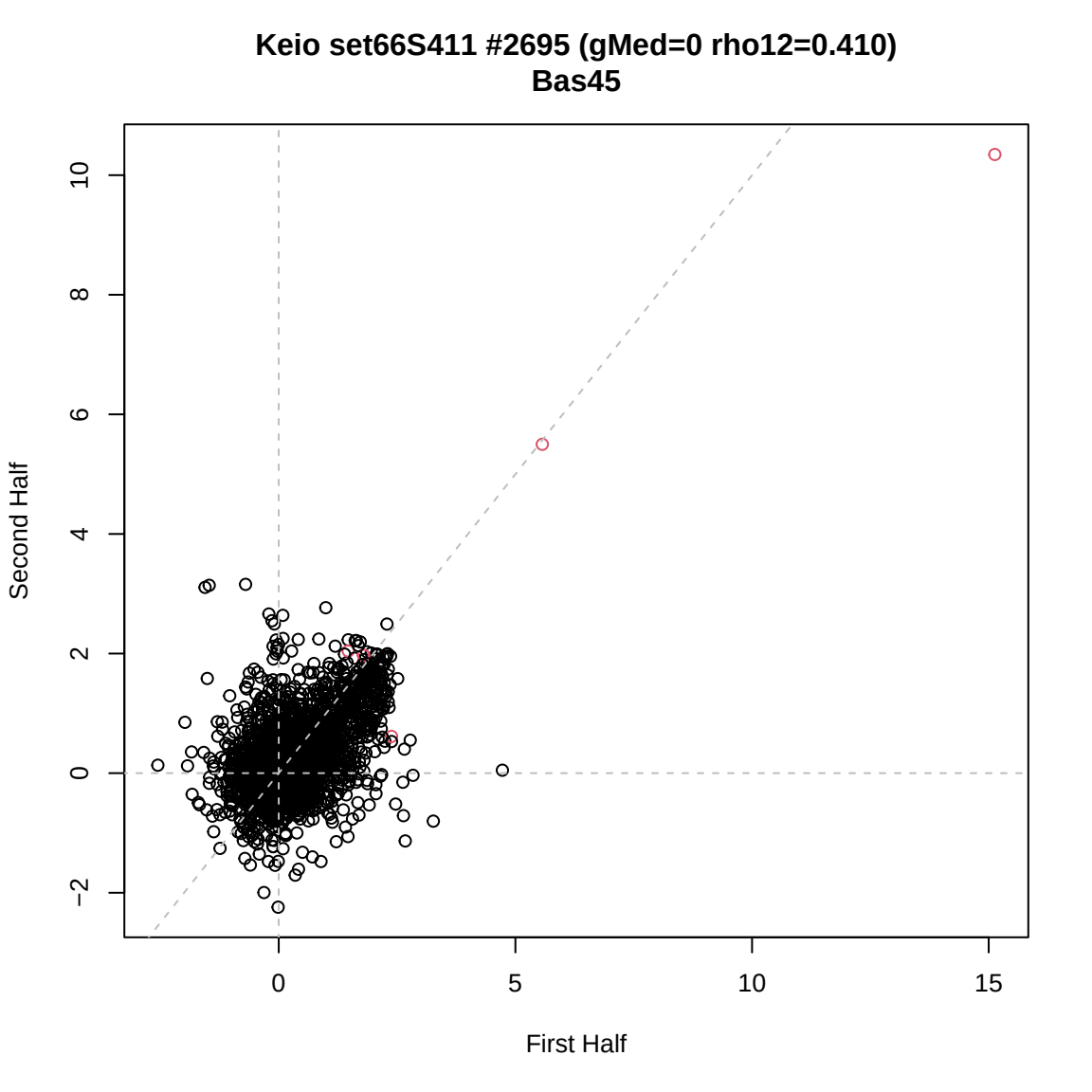

Keio set66S406 #2690 (gMed=0 rho12=0.454)
K9
Second Half
First Half
−2
0
2
4
6
8
10

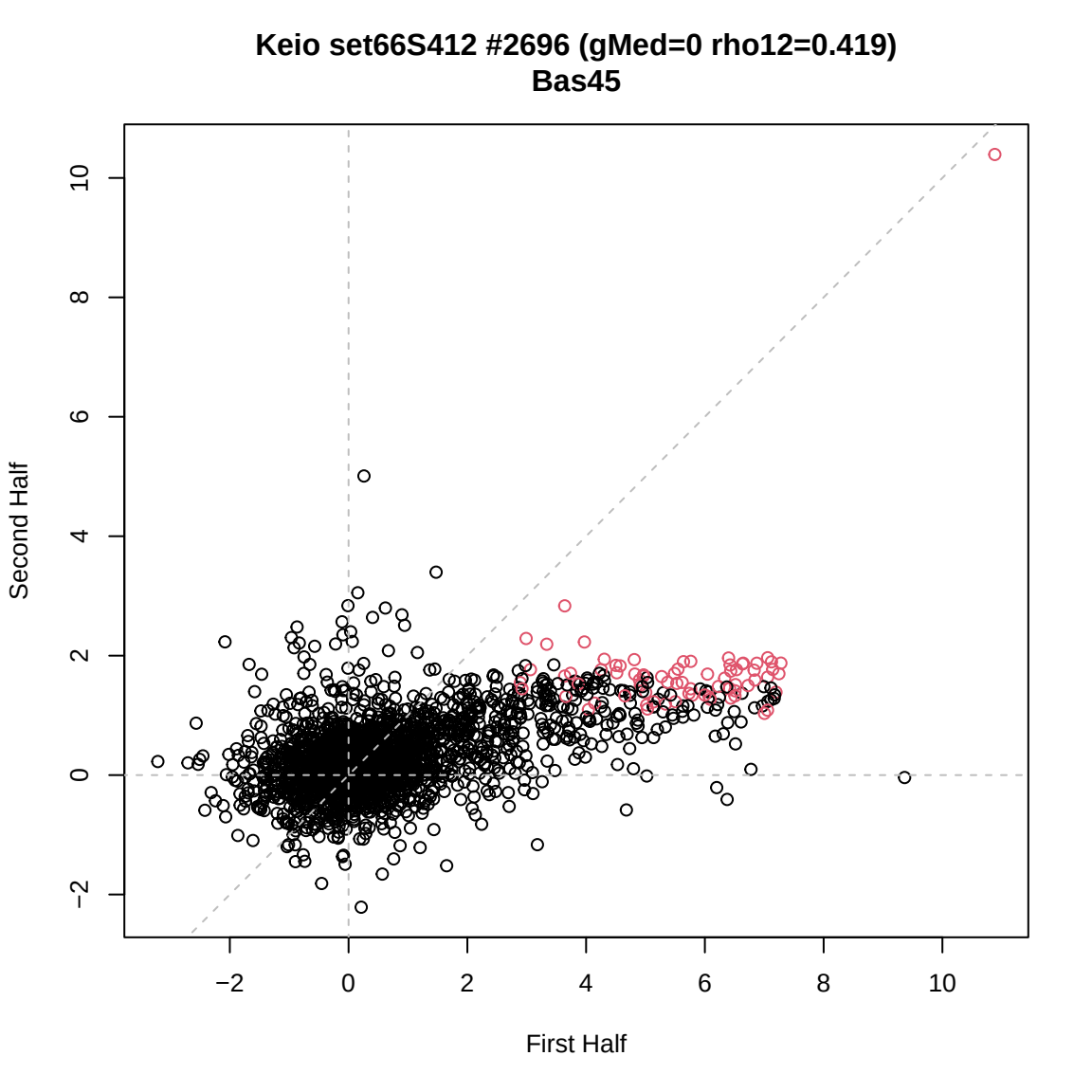

Keio set66S407 #2691 (gMed=0 rho12=0.488)
RB51
Second Half
First Half
0
5
10
15

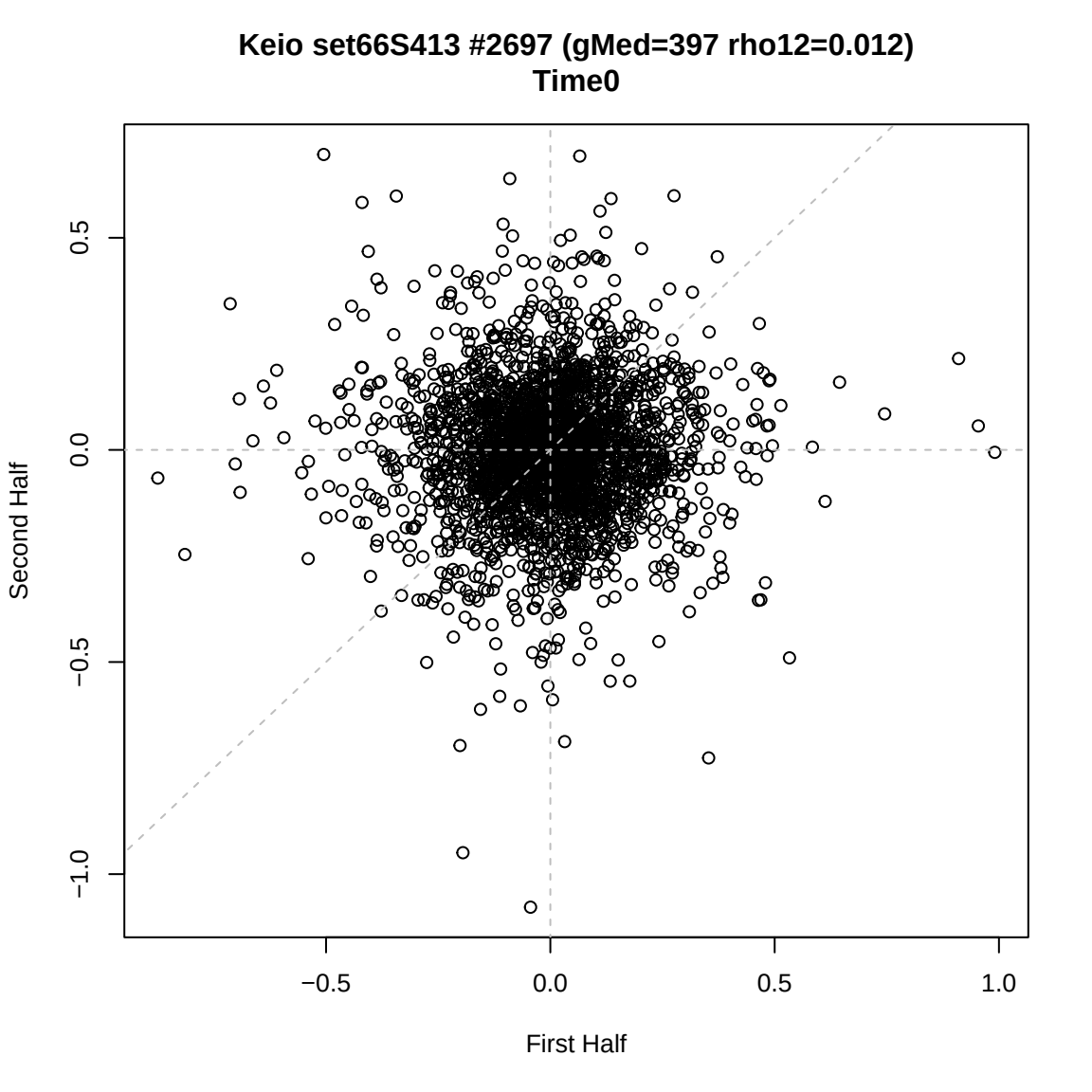

Keio set66S408 #2692 (gMed=0 rho12=0.481)
RB51
Second Half
First Half
0
5
10
15

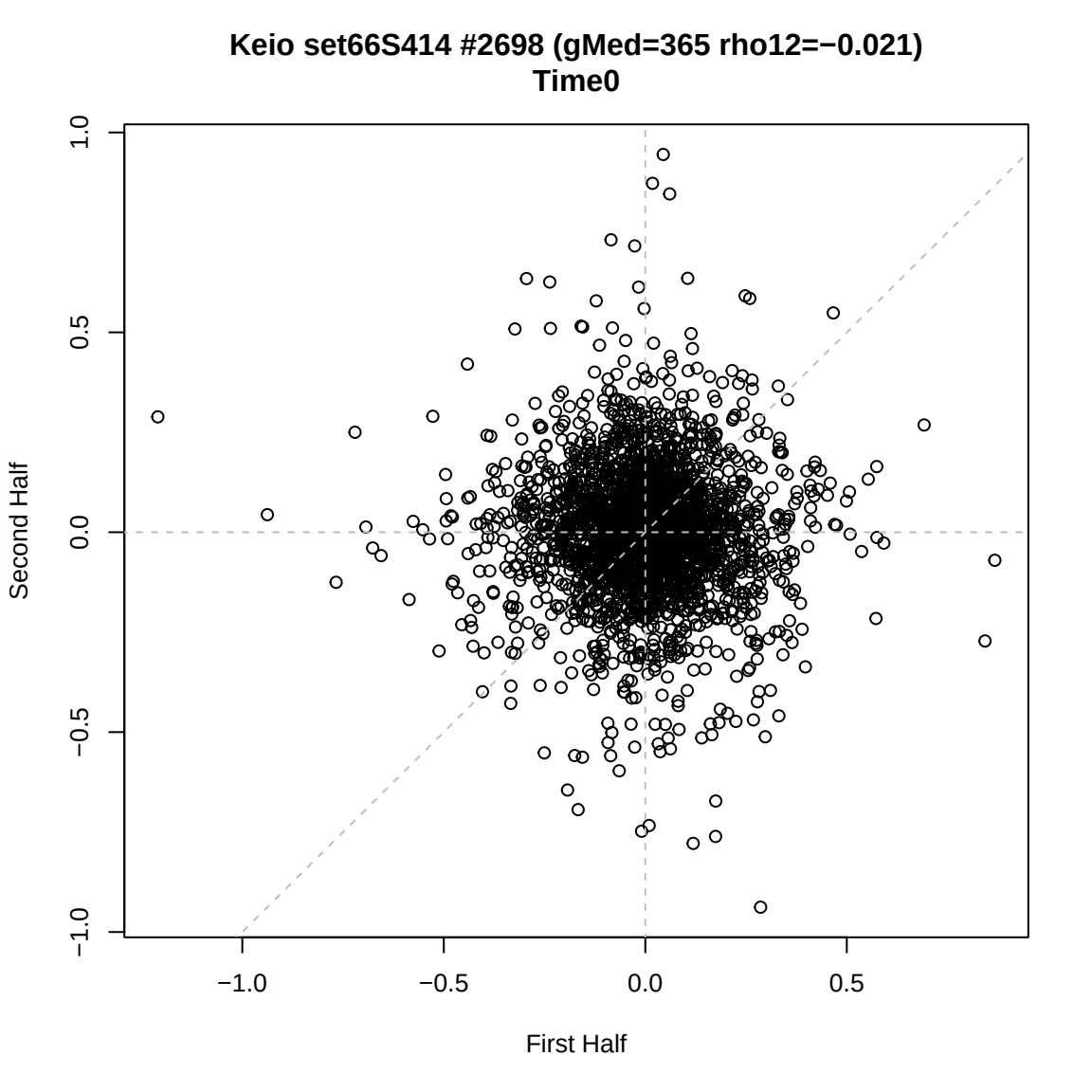

Keio set66S409 #2693 (gMed=0 rho12=0.390)
Bas24
Second Half
First Half
0
5
10
0
5
10

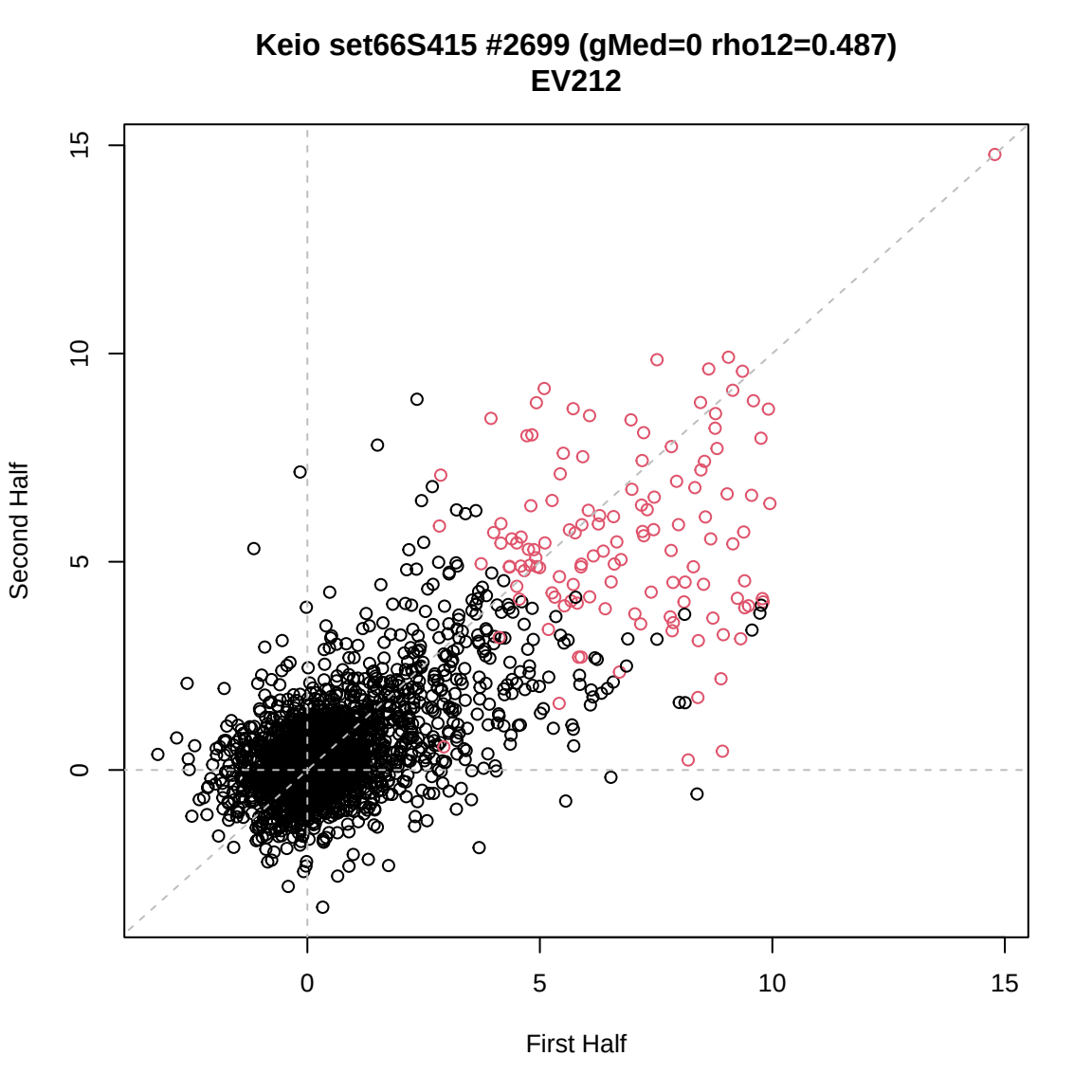

Keio set66S410 #2694 (gMed=1 rho12=0.392)
Bas24
Second Half
First Half
0
5
10
0
5
10

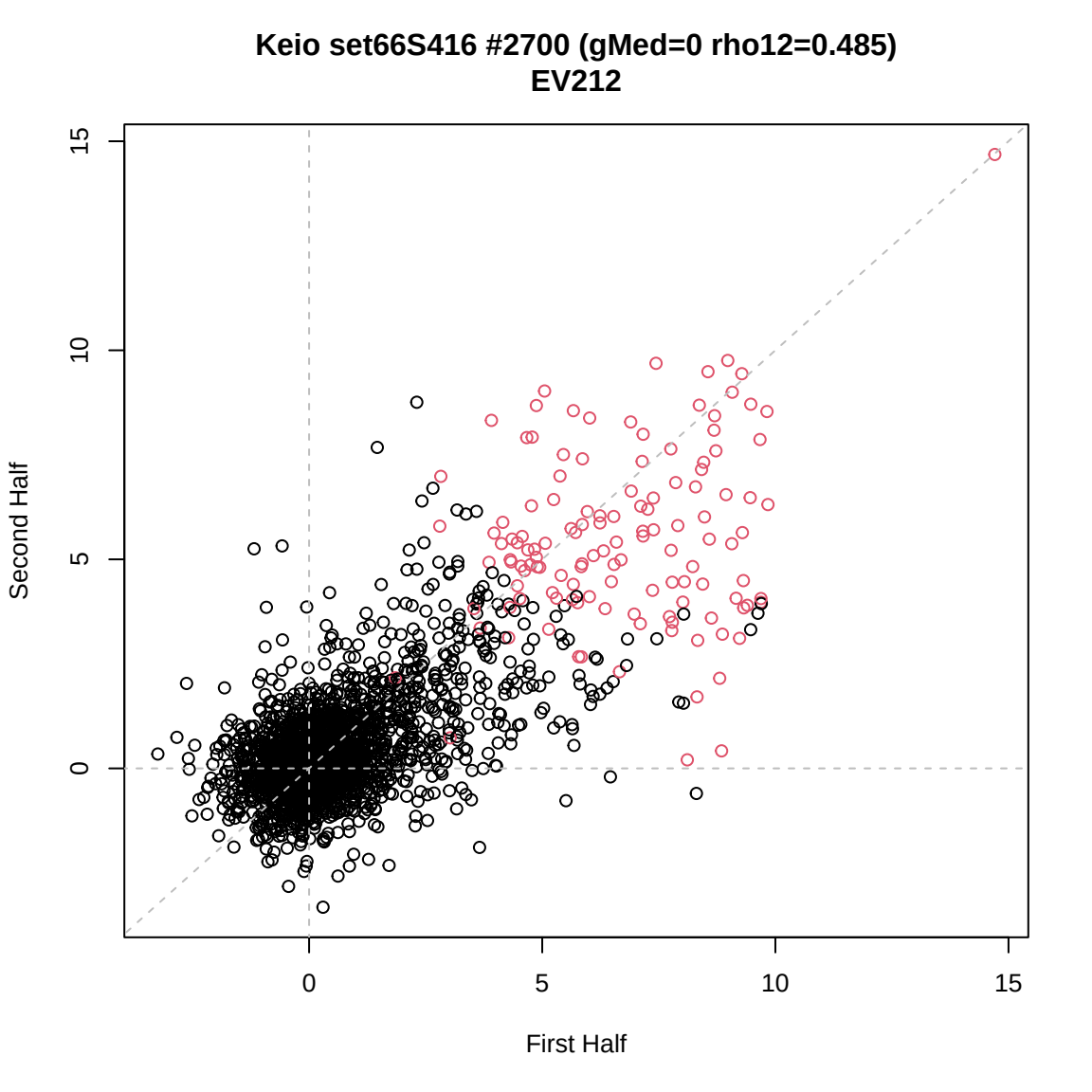

Keio set66S411 #2695 (gMed=0 rho12=0.410)
Bas45
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10
15

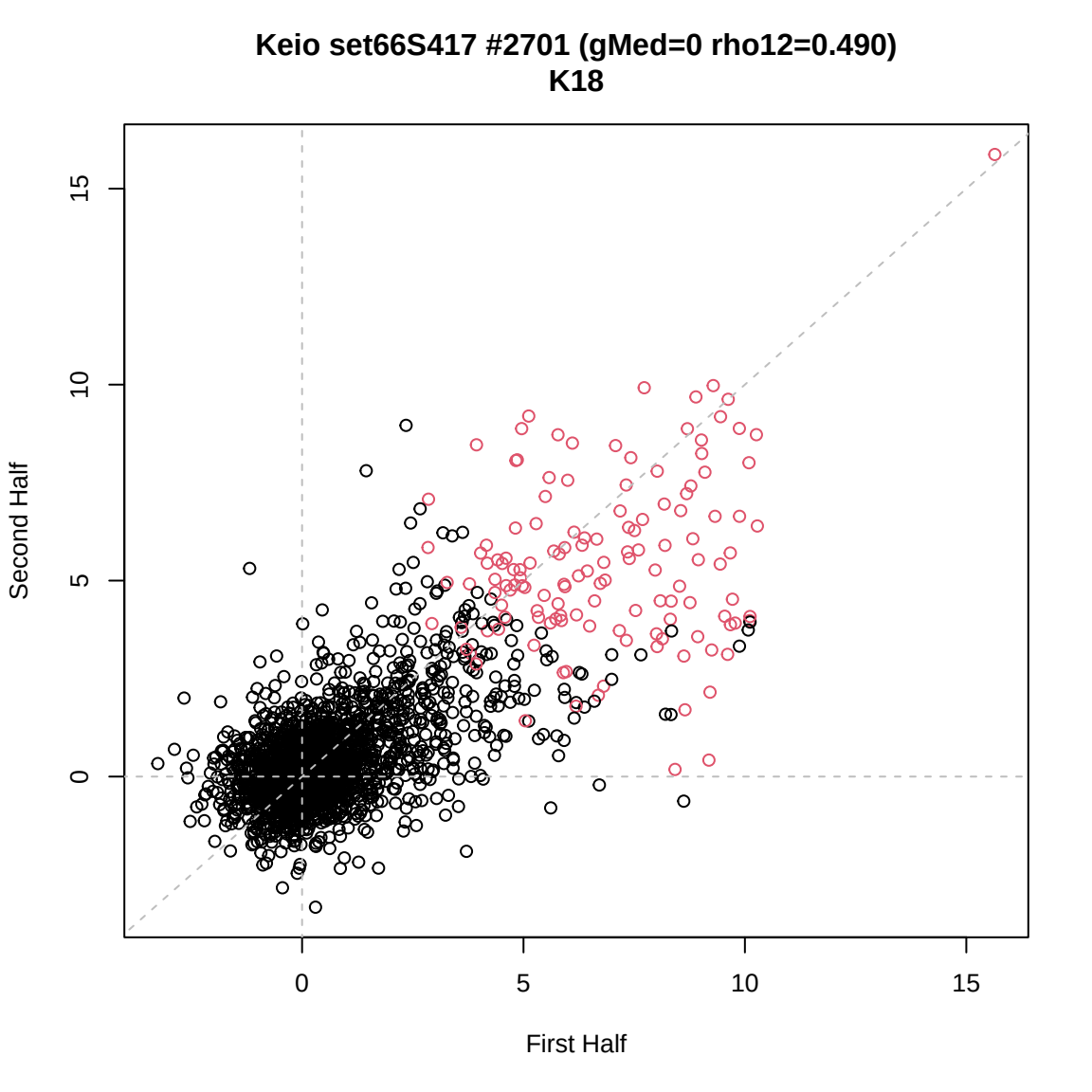

Keio set66S412 #2696 (gMed=0 rho12=0.419)
Bas45
Second Half
First Half
−2
0
2
4
6
8
10

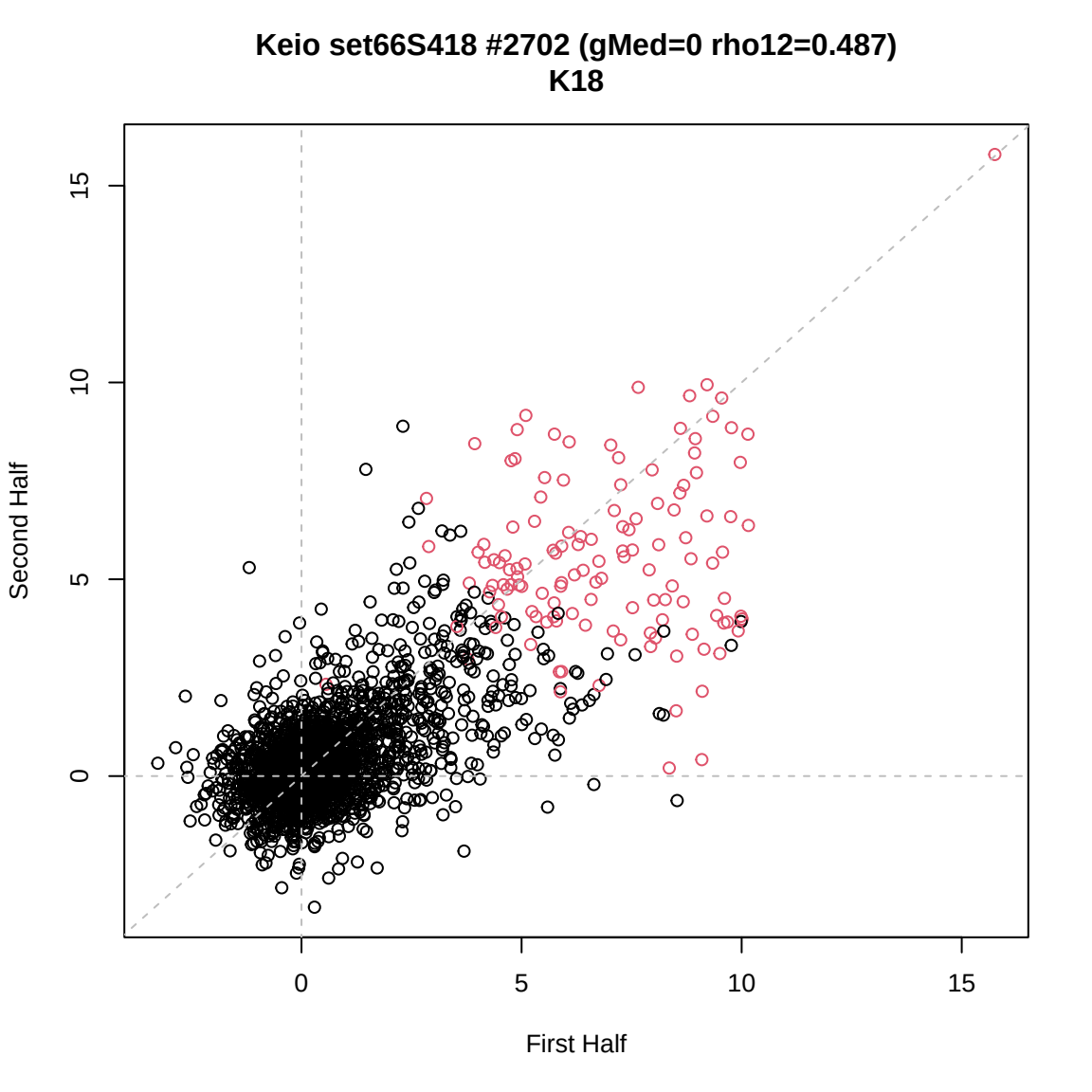

Keio set66S413 #2697 (gMed=397 rho12=0.012)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

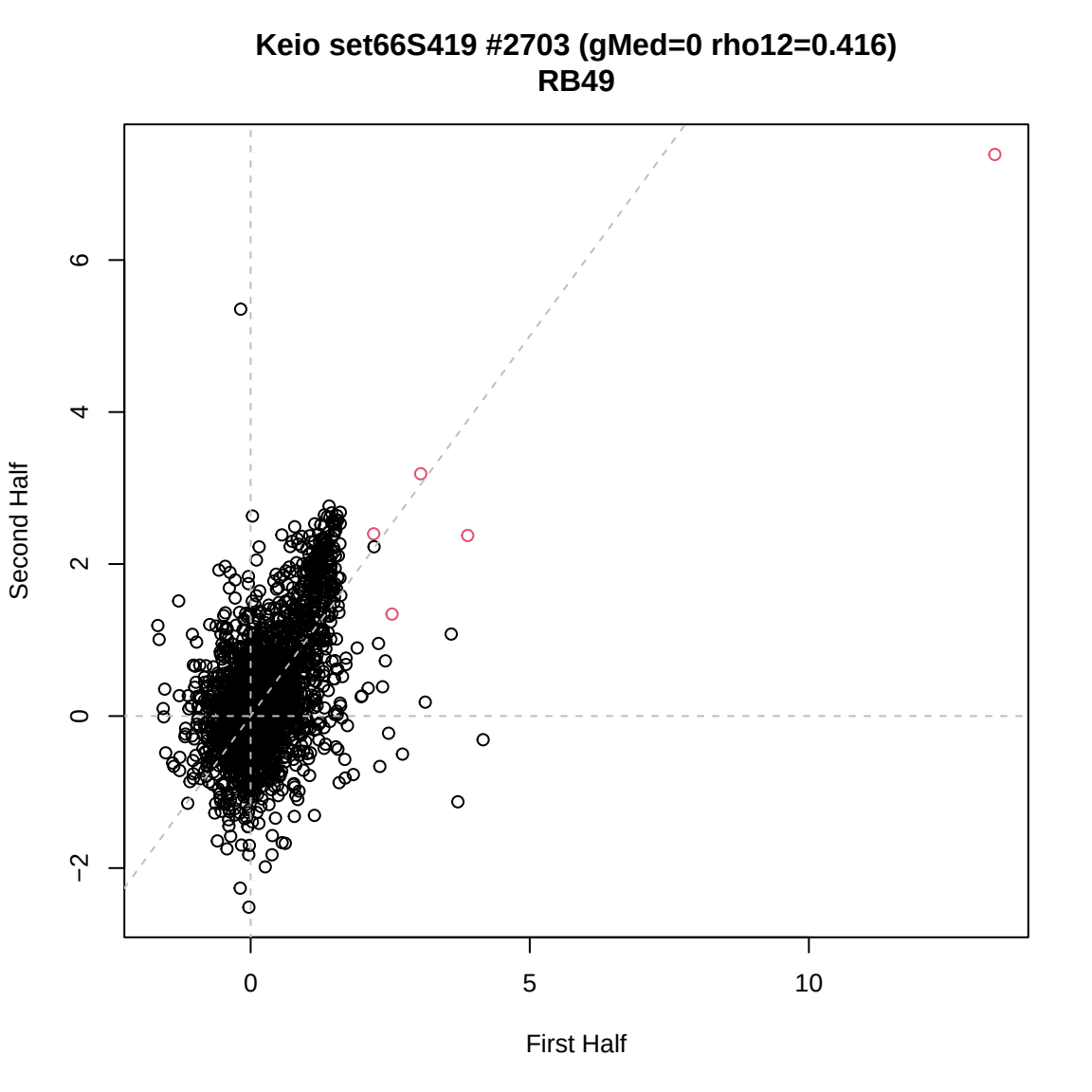

Keio set66S414 #2698 (gMed=365 rho12=−0.021)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

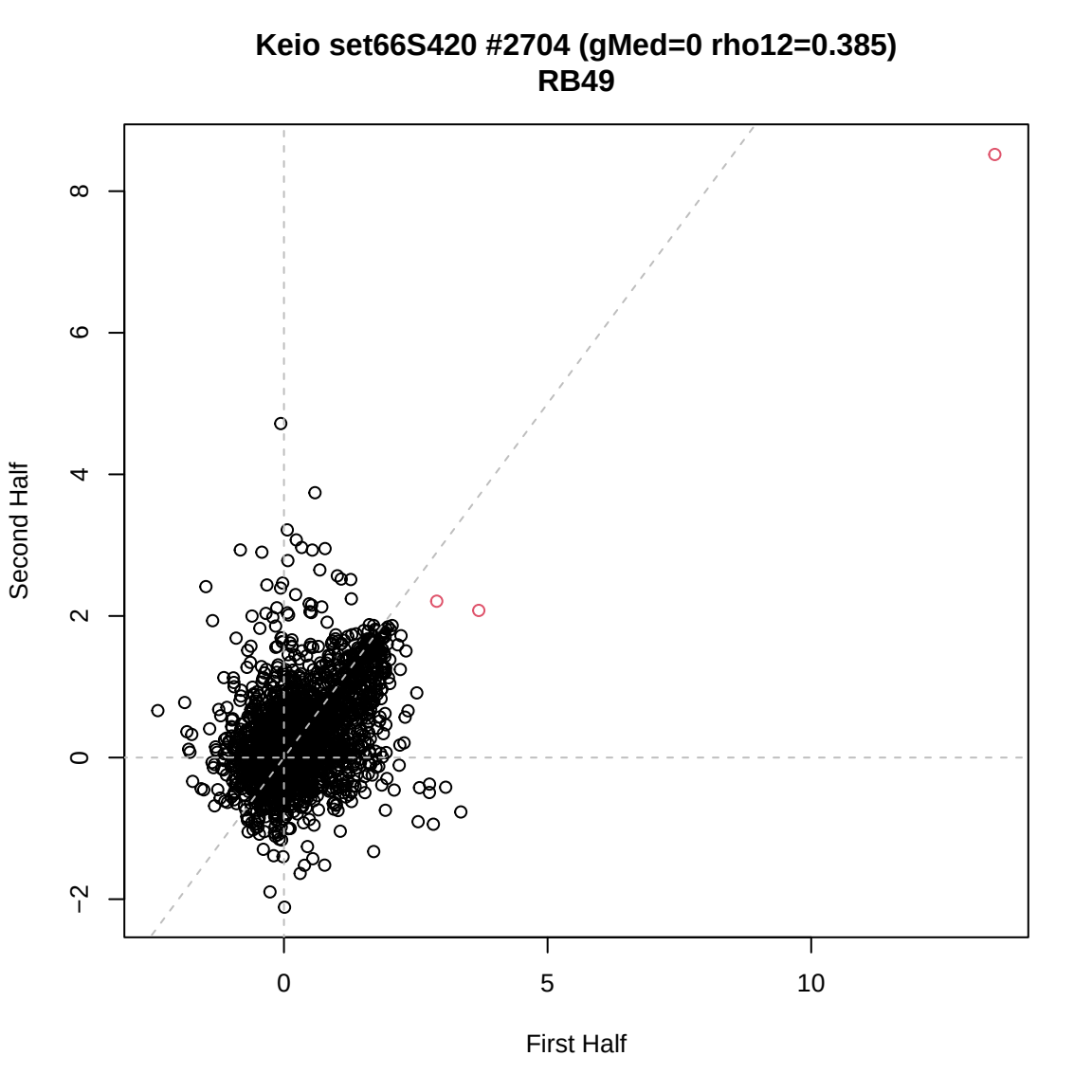

Keio set66S415 #2699 (gMed=0 rho12=0.487)
EV212
Second Half
First Half
15
10
5
0
0
5
10
15

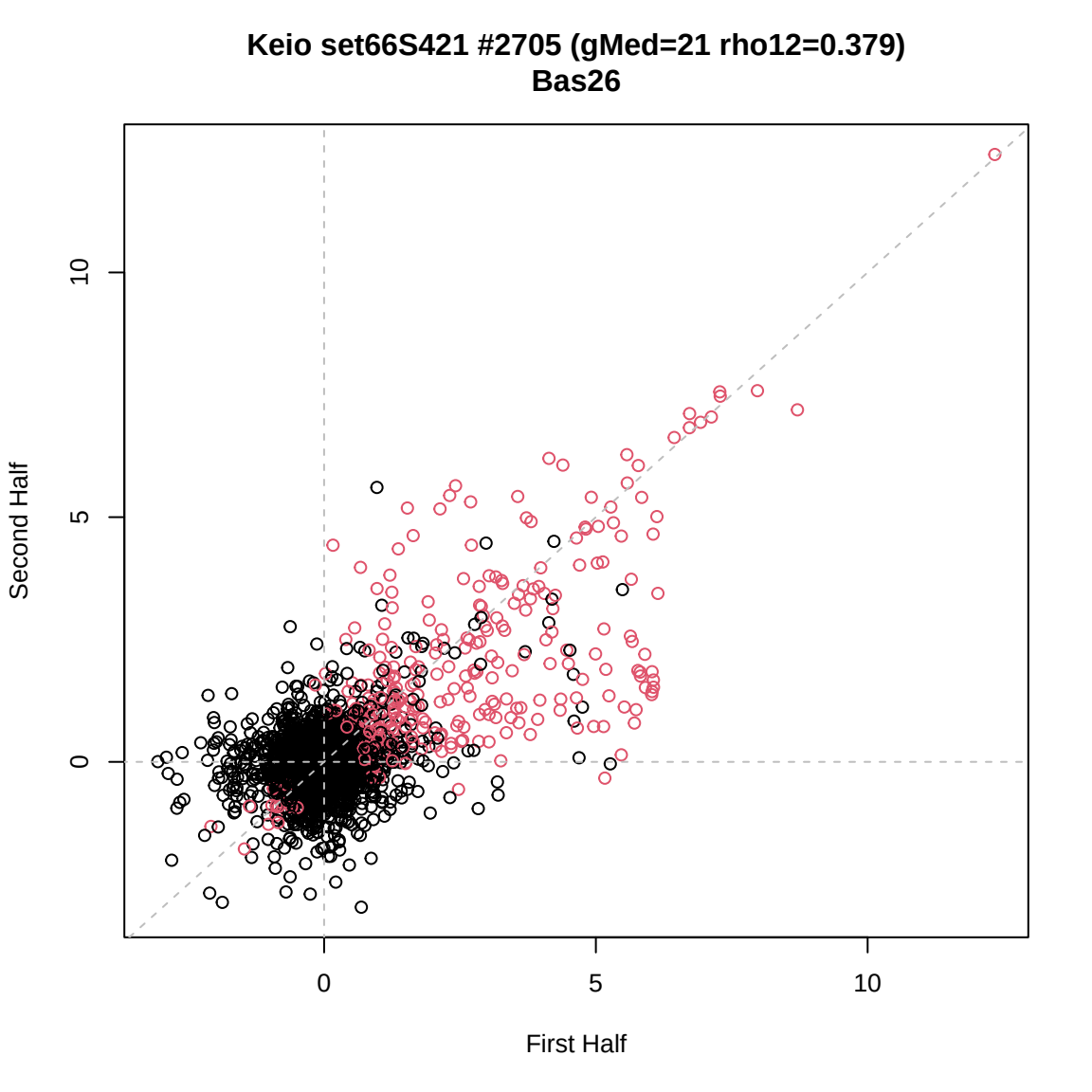

Keio set66S416 #2700 (gMed=0 rho12=0.485)
EV212
Second Half
First Half
0
5
10
15

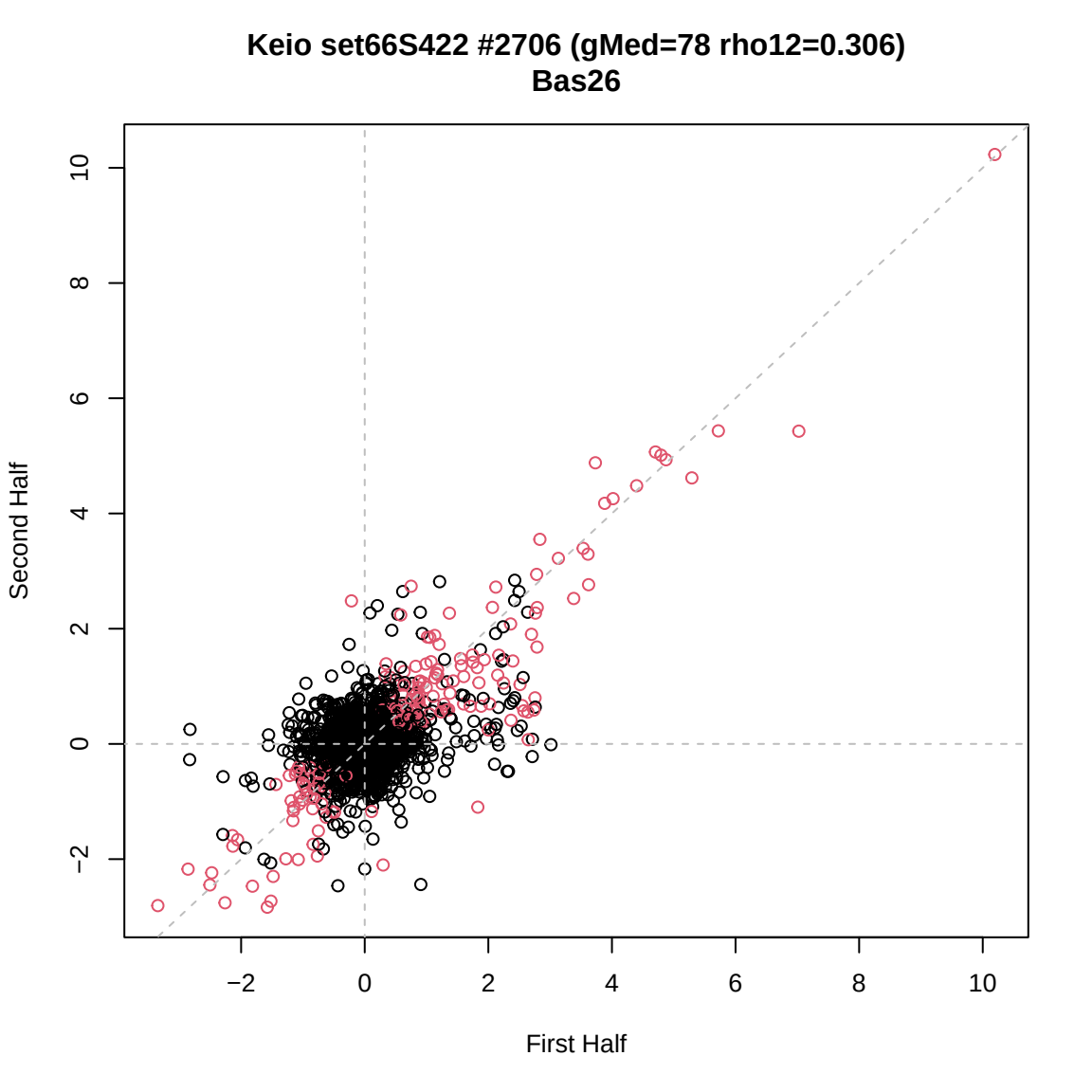

Keio set66S417 #2701 (gMed=0 rho12=0.490)
K18
Second Half
First Half
0
5
10
15

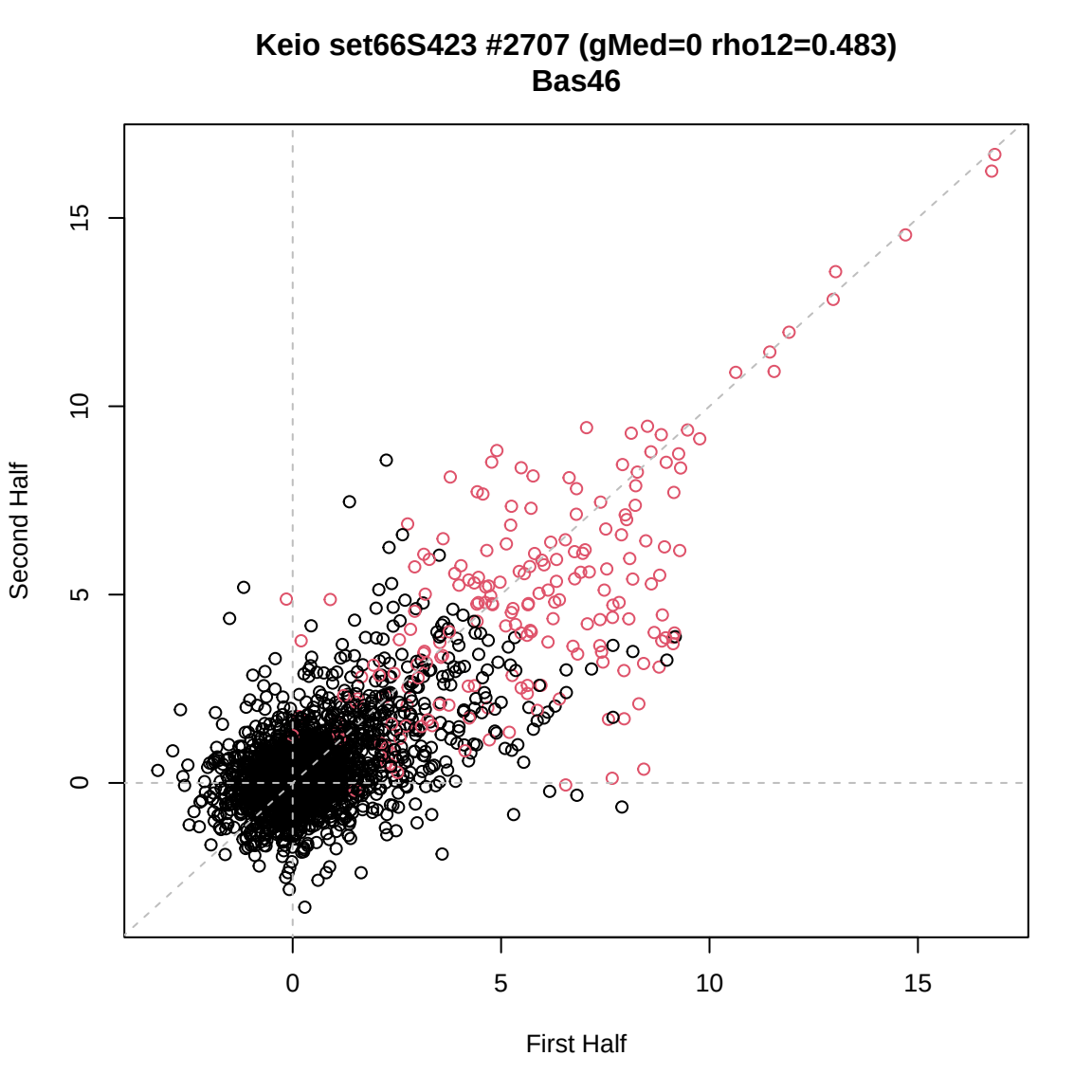

Keio set66S418 #2702 (gMed=0 rho12=0.487)
K18
Second Half
First Half
0
5
10
15

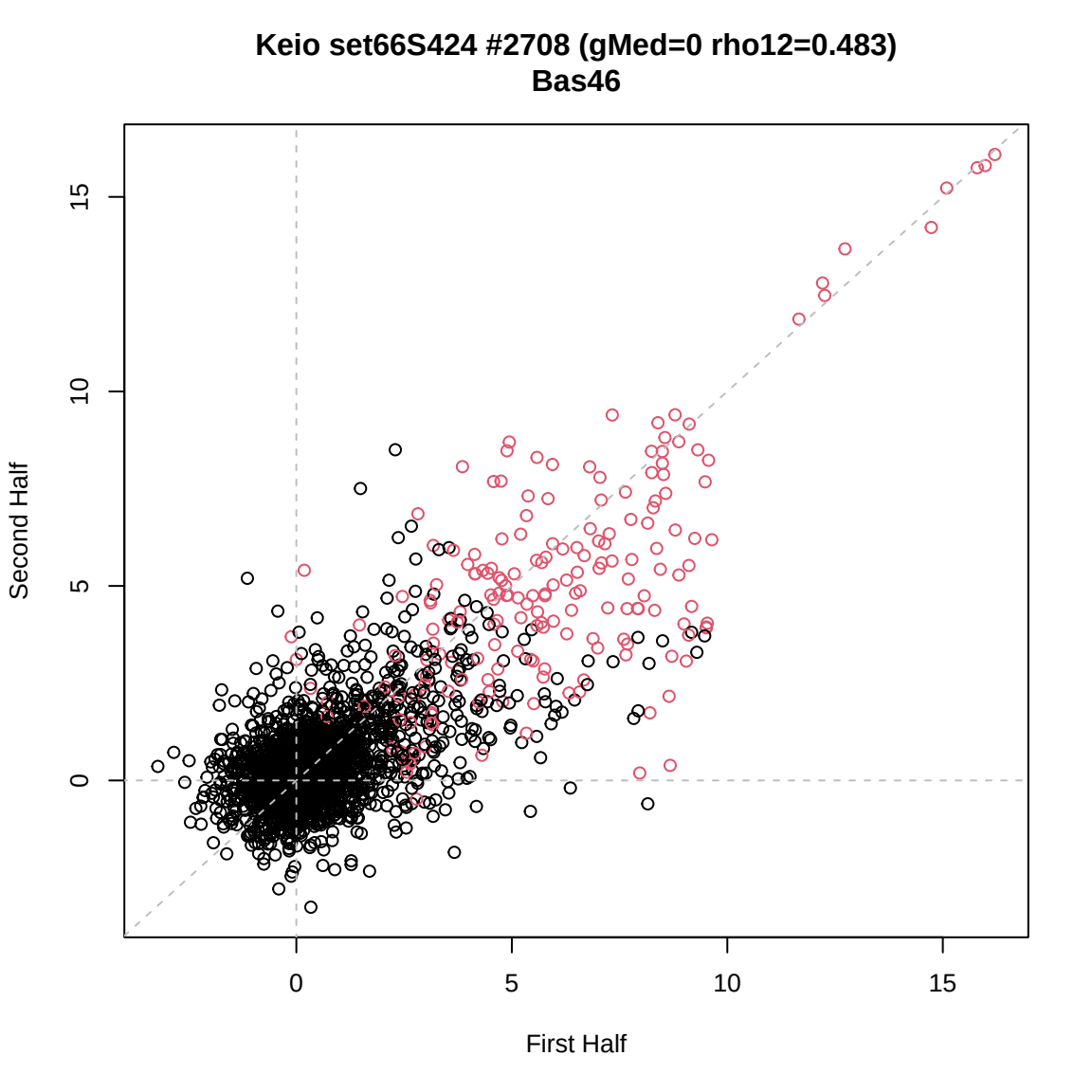

Keio set66S419 #2703 (gMed=0 rho12=0.416)
RB49
Second Half
First Half
6
4
2
0
−2
0
5
10

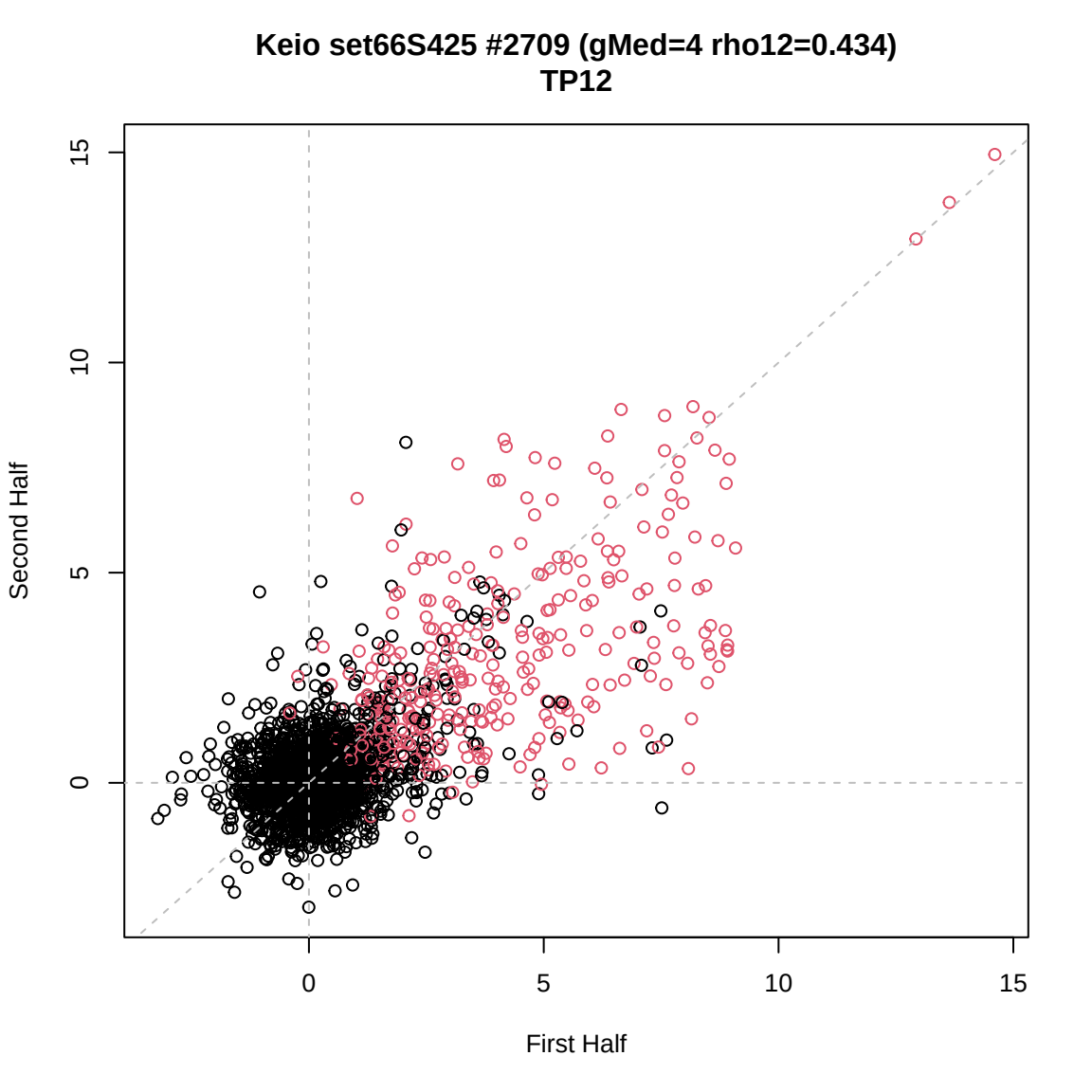

Keio set66S420 #2704 (gMed=0 rho12=0.385)
RB49
Second Half
First Half
8
6
4
2
0
−2
0
5
10

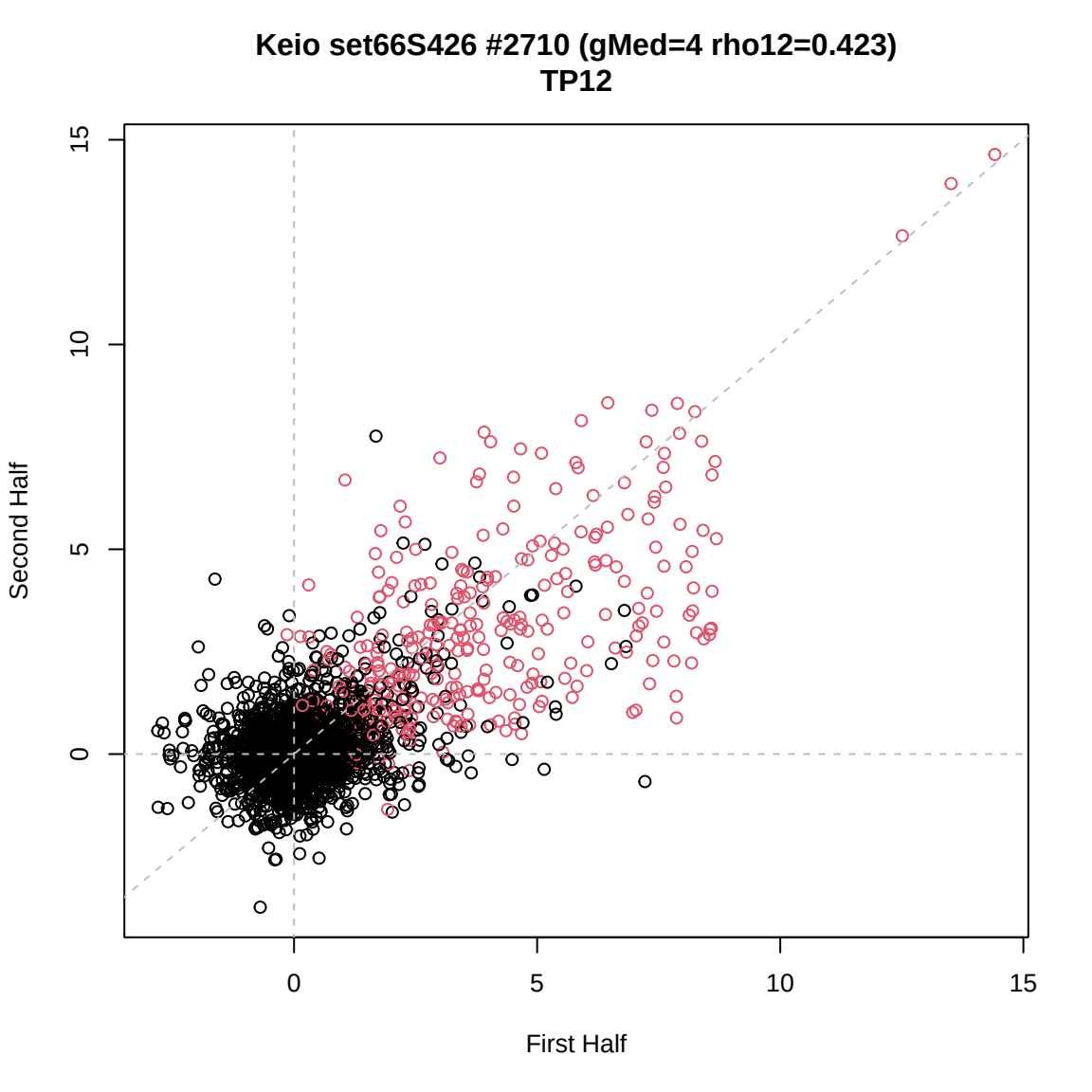

Keio set66S421 #2705 (gMed=21 rho12=0.379)
Bas26
Second Half
First Half
0
5
10
0
5
10

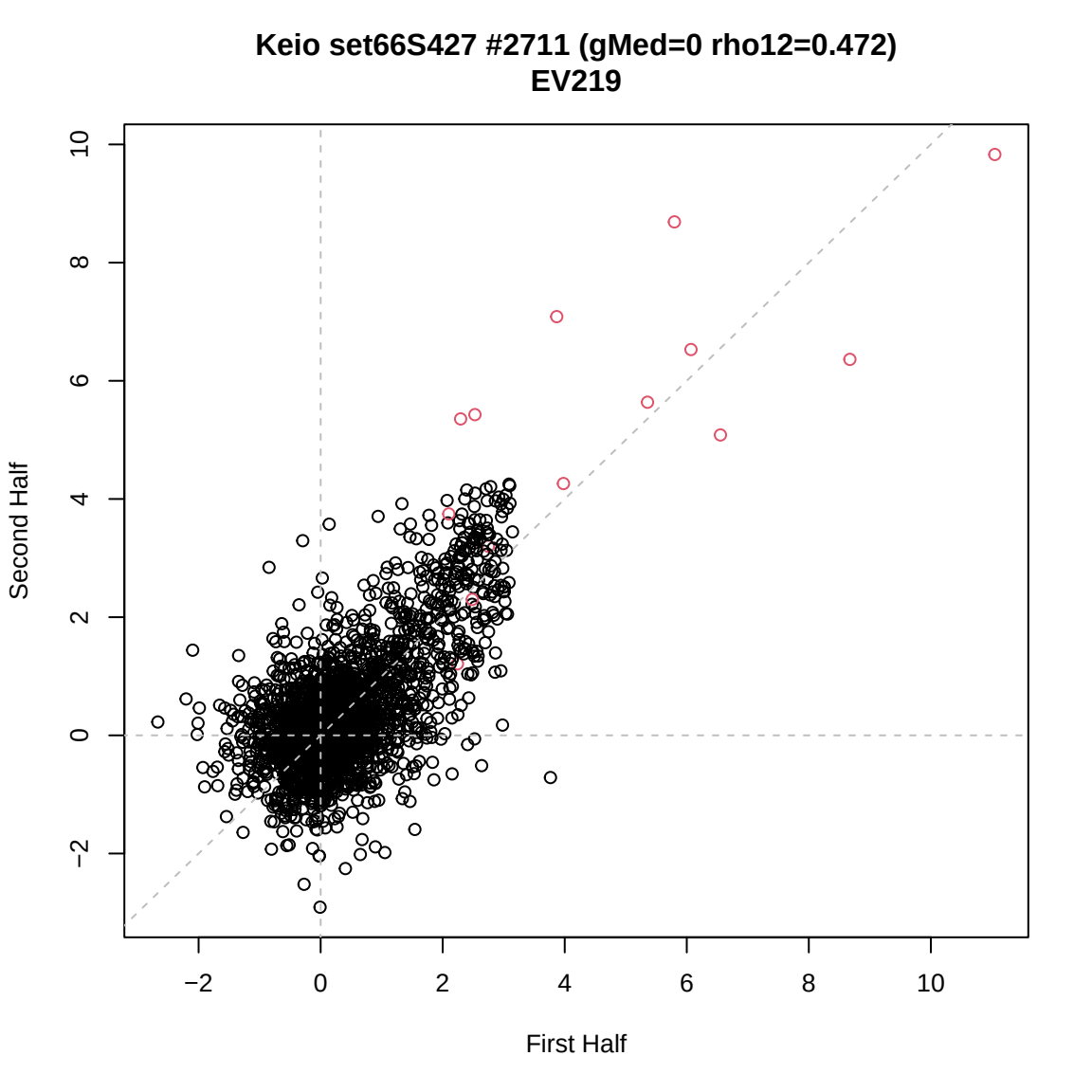

Keio set66S422 #2706 (gMed=78 rho12=0.306)
Bas26
Second Half
First Half
−2
0
2
4
6
8
10

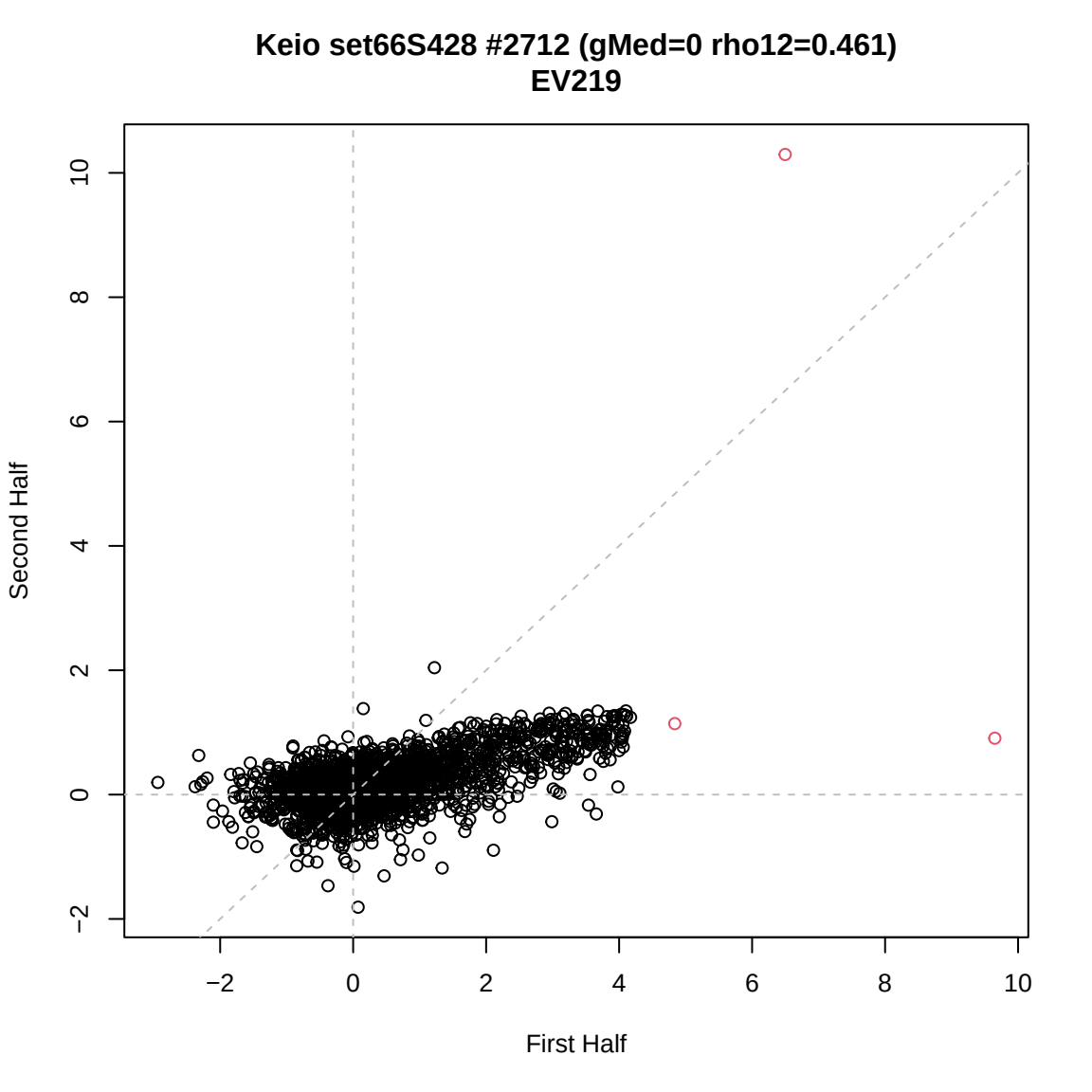

Keio set66S423 #2707 (gMed=0 rho12=0.483)
Bas46
Second Half
First Half
0
5
10
15

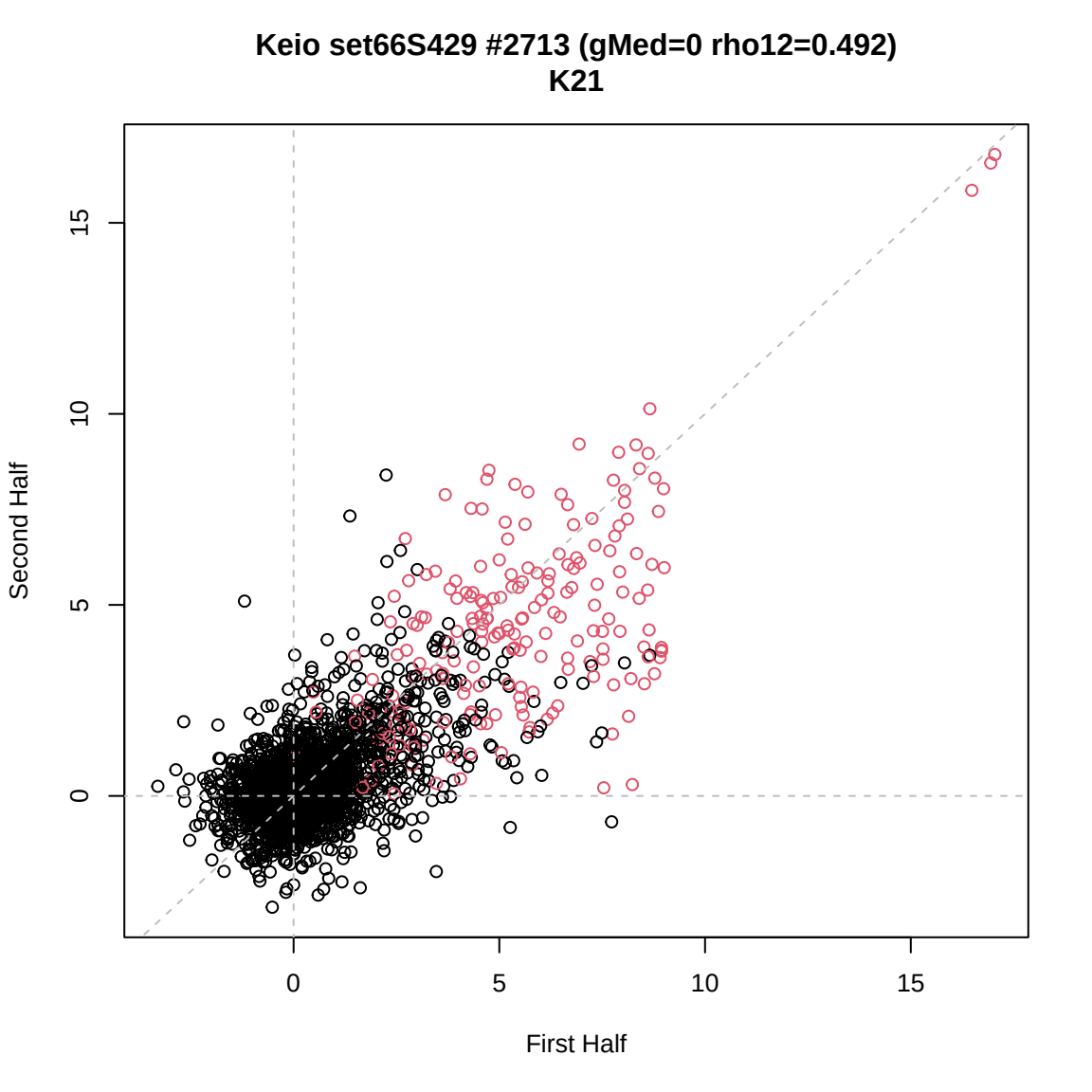

Keio set66S424 #2708 (gMed=0 rho12=0.483)
Bas46
Second Half
First Half
0
5
10
15
0
5
10
15

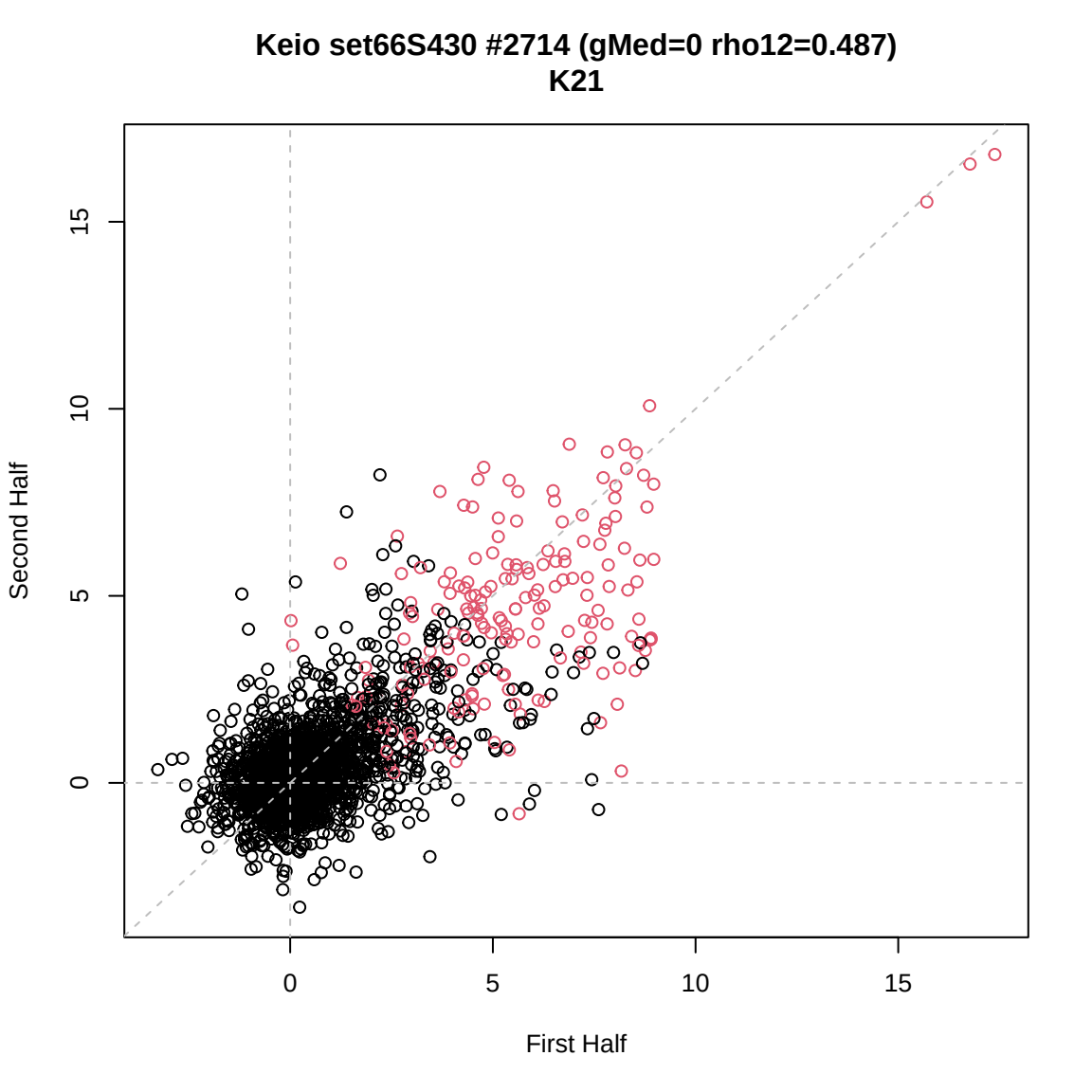

Keio set66S425 #2709 (gMed=4 rho12=0.434)
TP12
Second Half
First Half
0
5
10
15

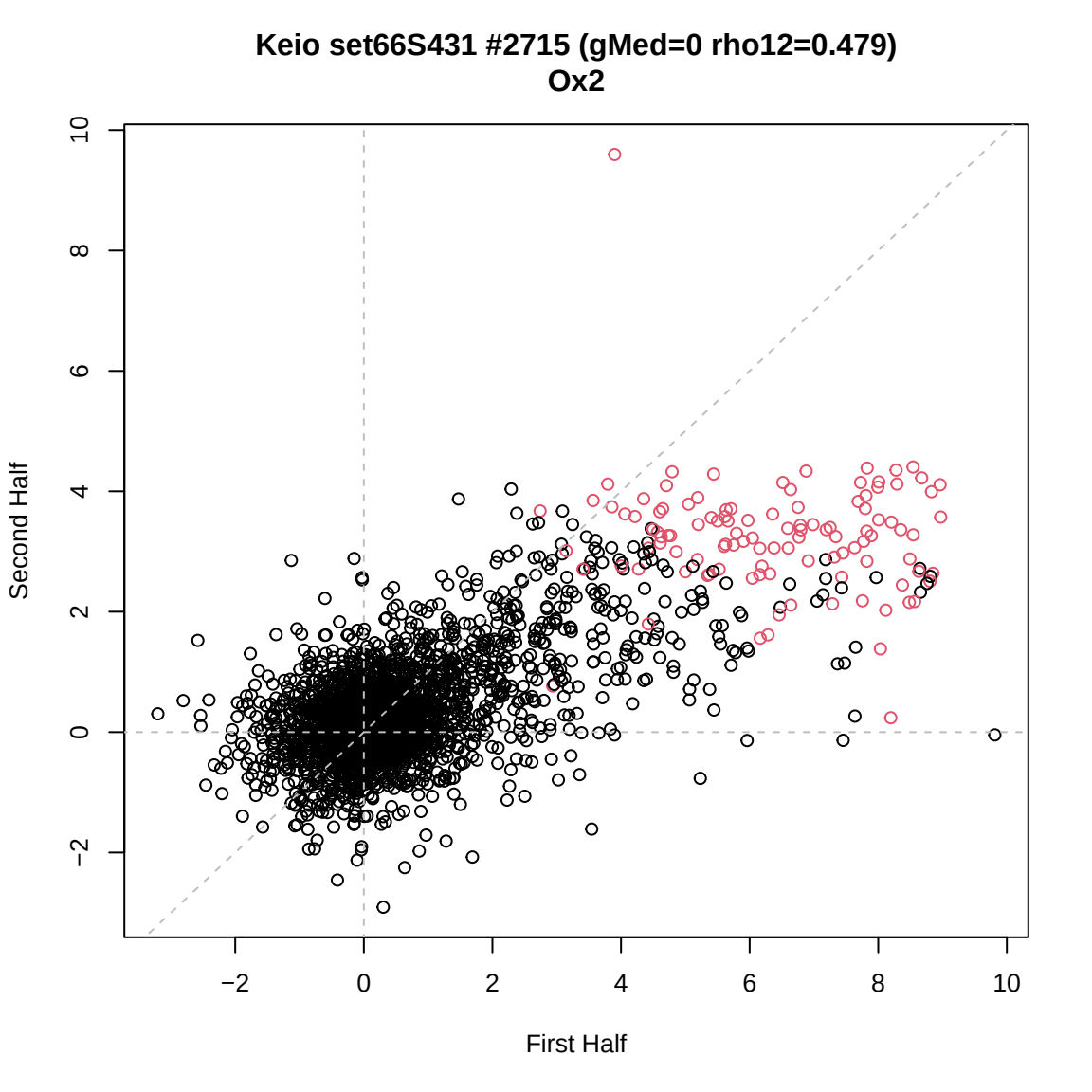

Keio set66S426 #2710 (gMed=4 rho12=0.423)
TP12
Second Half
First Half
0
5
10
15

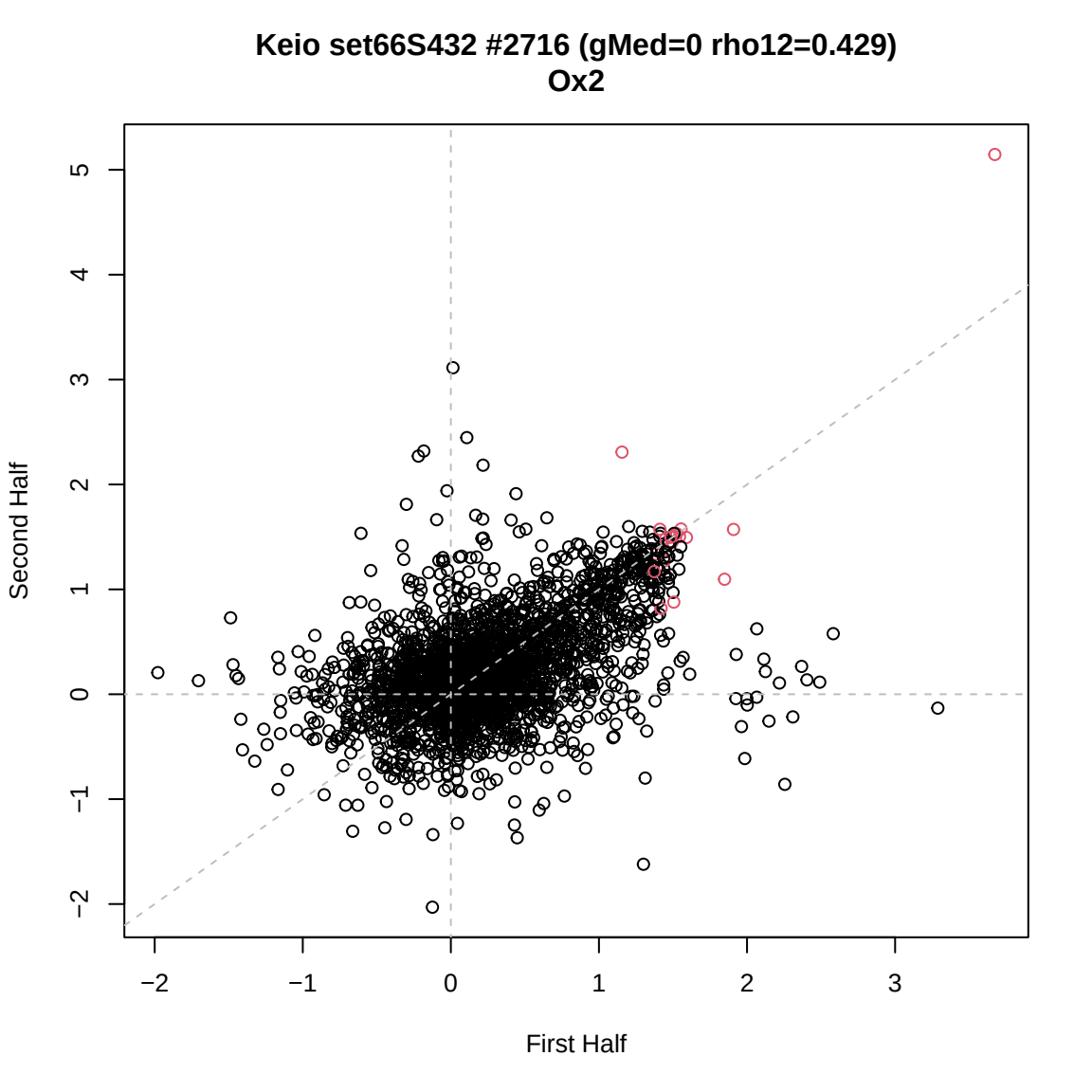

Keio set66S427 #2711 (gMed=0 rho12=0.472)
EV219
Second Half
First Half
−2
0
2
4
6
8
10

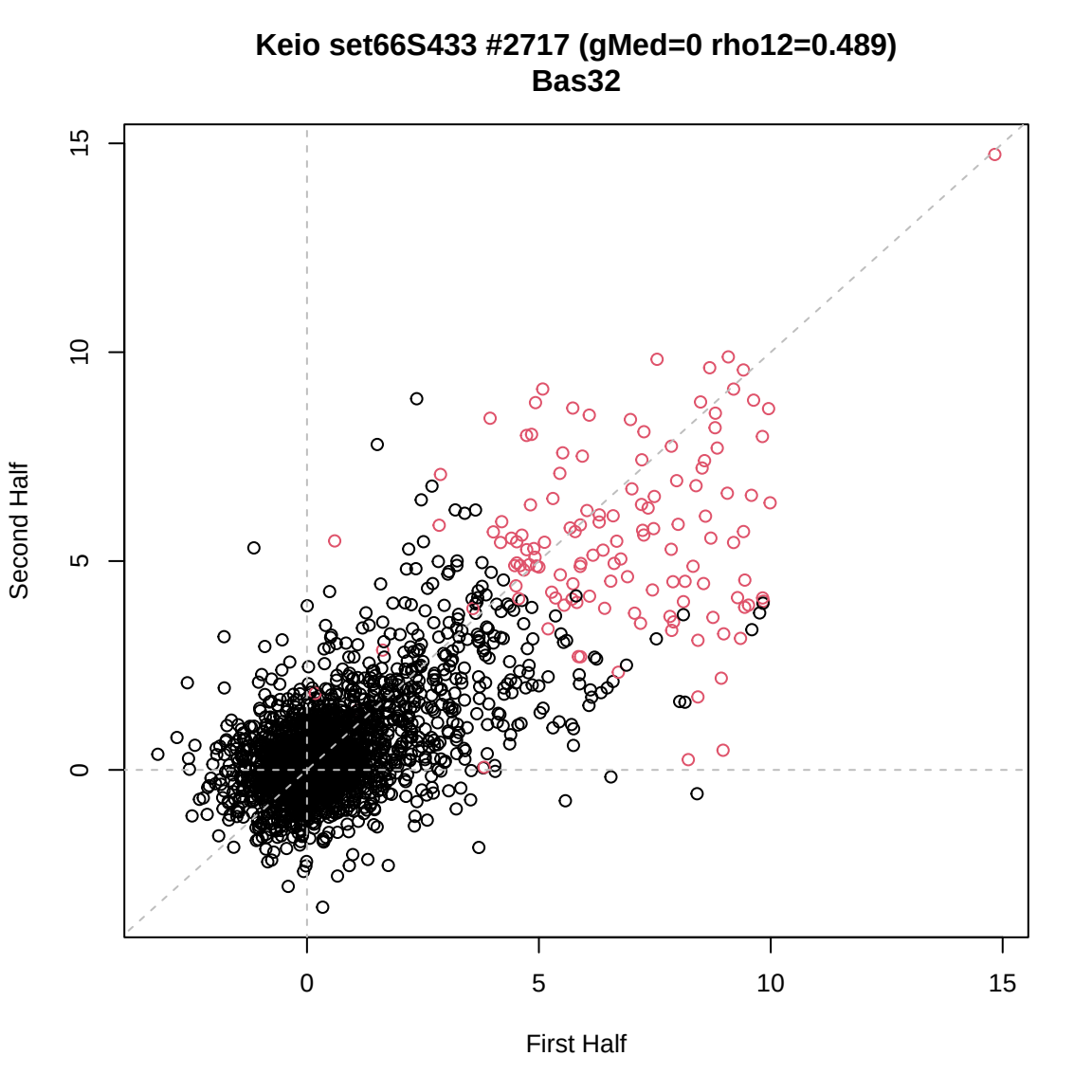

Keio set66S428 #2712 (gMed=0 rho12=0.461)
EV219
Second Half
First Half
−2
0
2
4
6
8
10

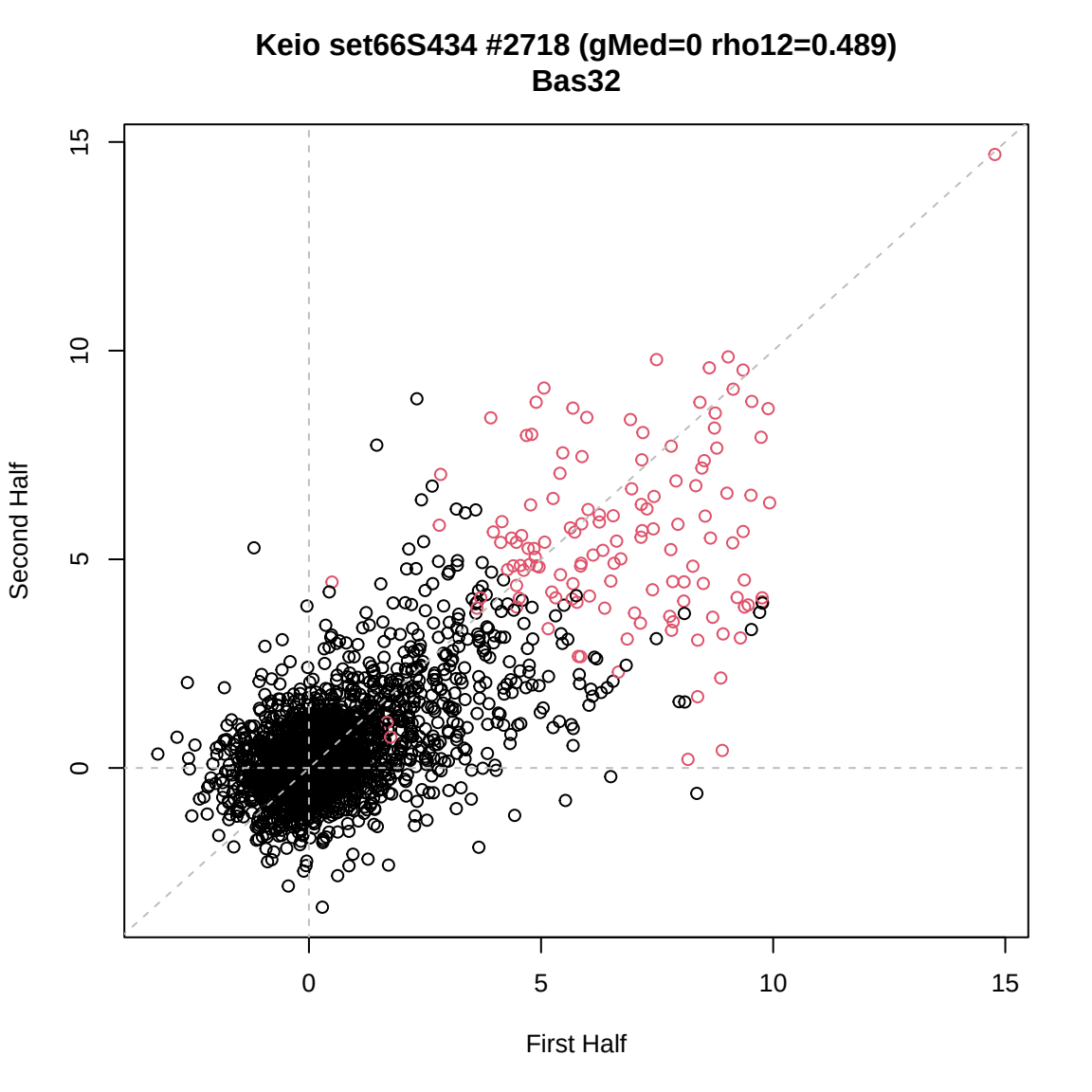

Keio set66S429 #2713 (gMed=0 rho12=0.492)
K21
Second Half
First Half
0
5
10
15
0
5
10
15

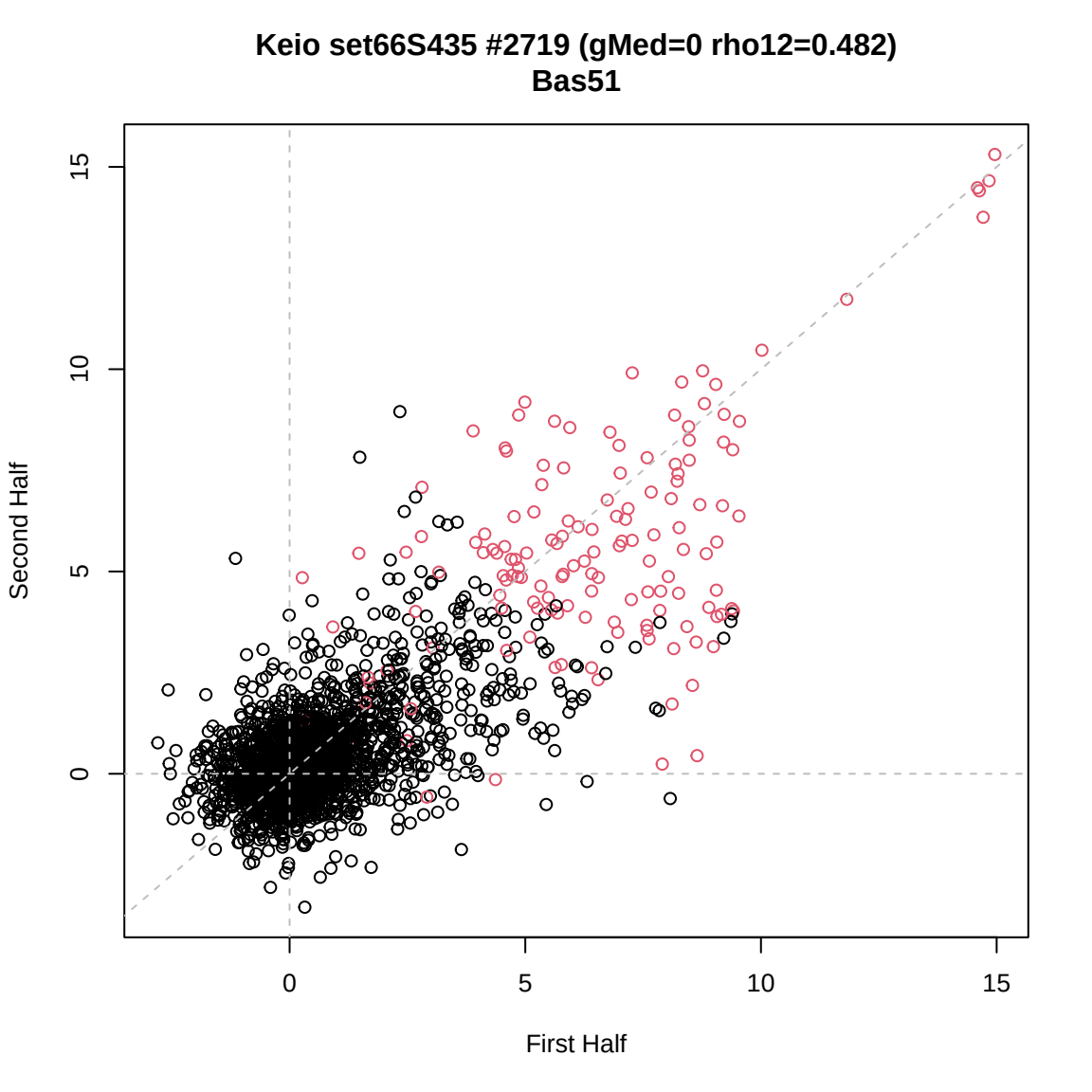

Keio set66S430 #2714 (gMed=0 rho12=0.487)
K21
Second Half
First Half
0
5
10
15
0
5
10
15

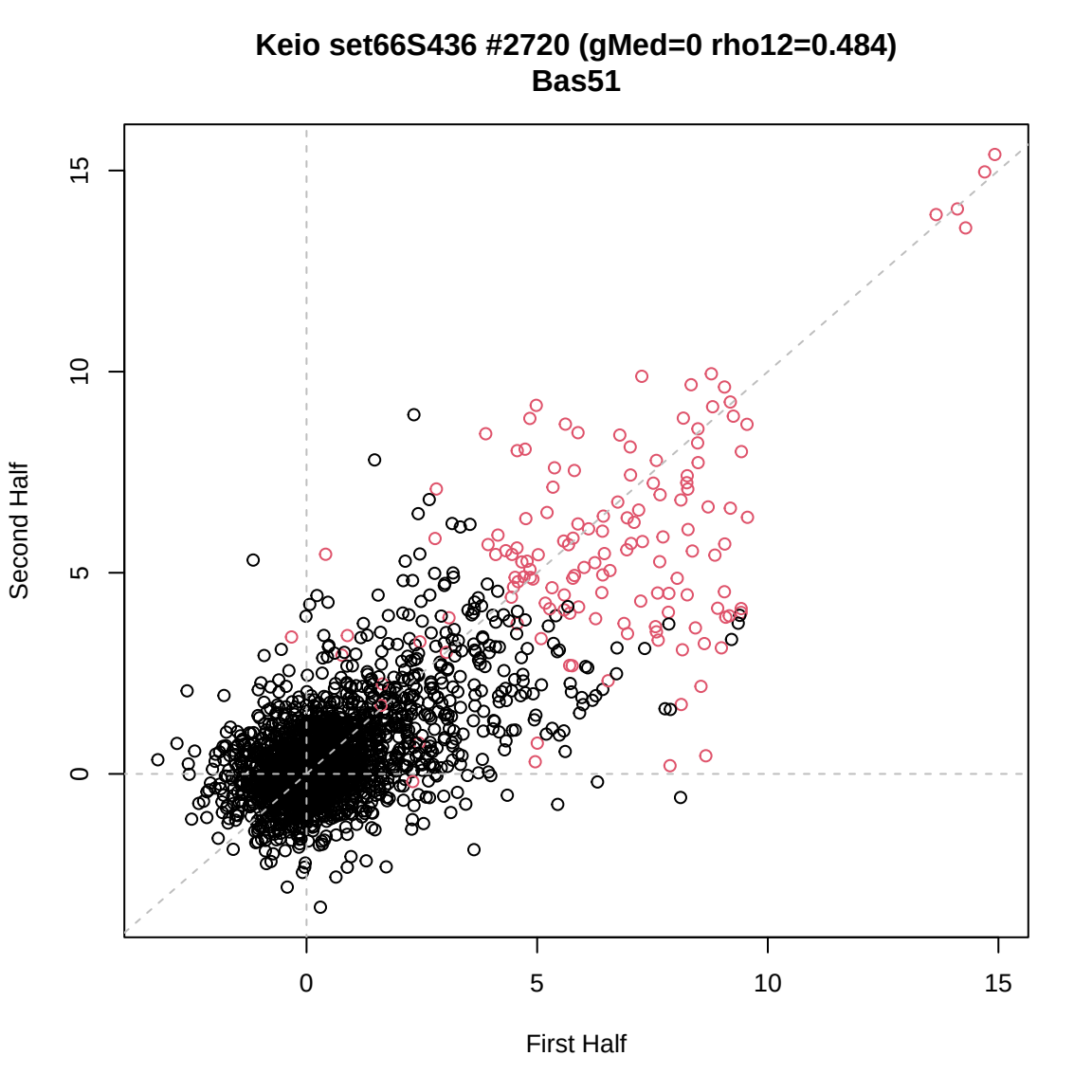

Keio set66S431 #2715 (gMed=0 rho12=0.479)
Ox2
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

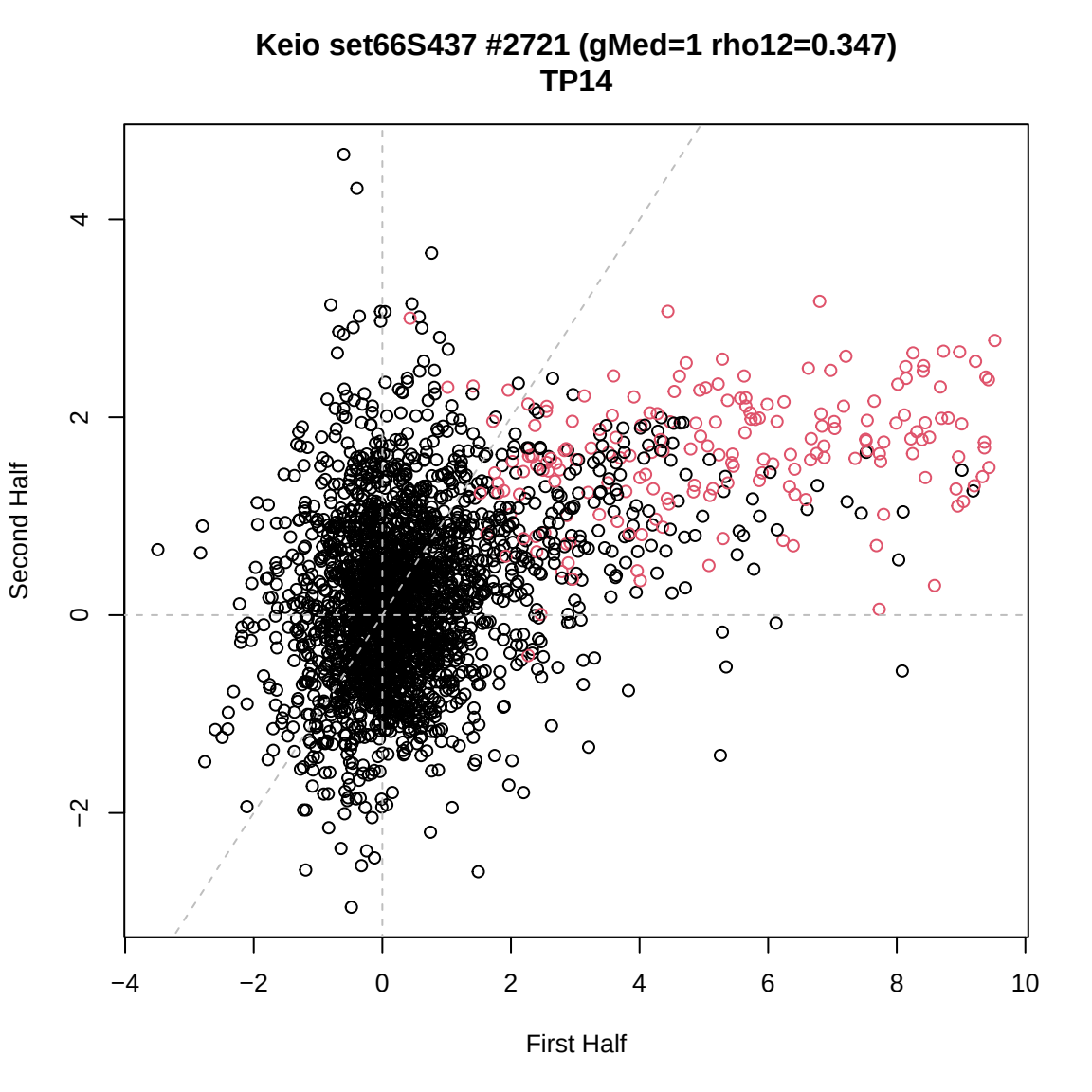

Keio set66S432 #2716 (gMed=0 rho12=0.429)
Ox2
Second Half
First Half
−2
−1
0
1
2
3
4
5

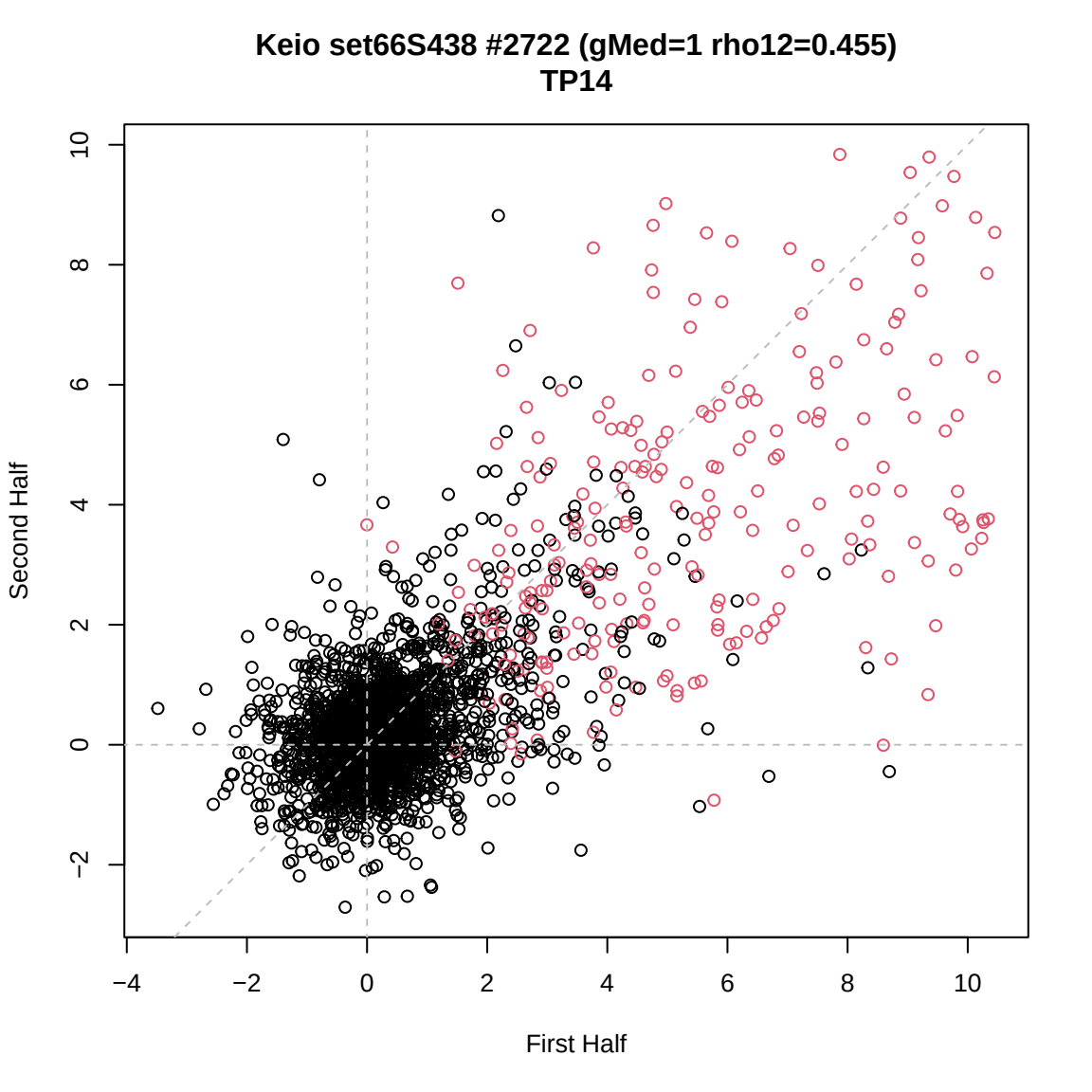

Keio set66S433 #2717 (gMed=0 rho12=0.489)
Bas32
Second Half
First Half
0
5
10
15

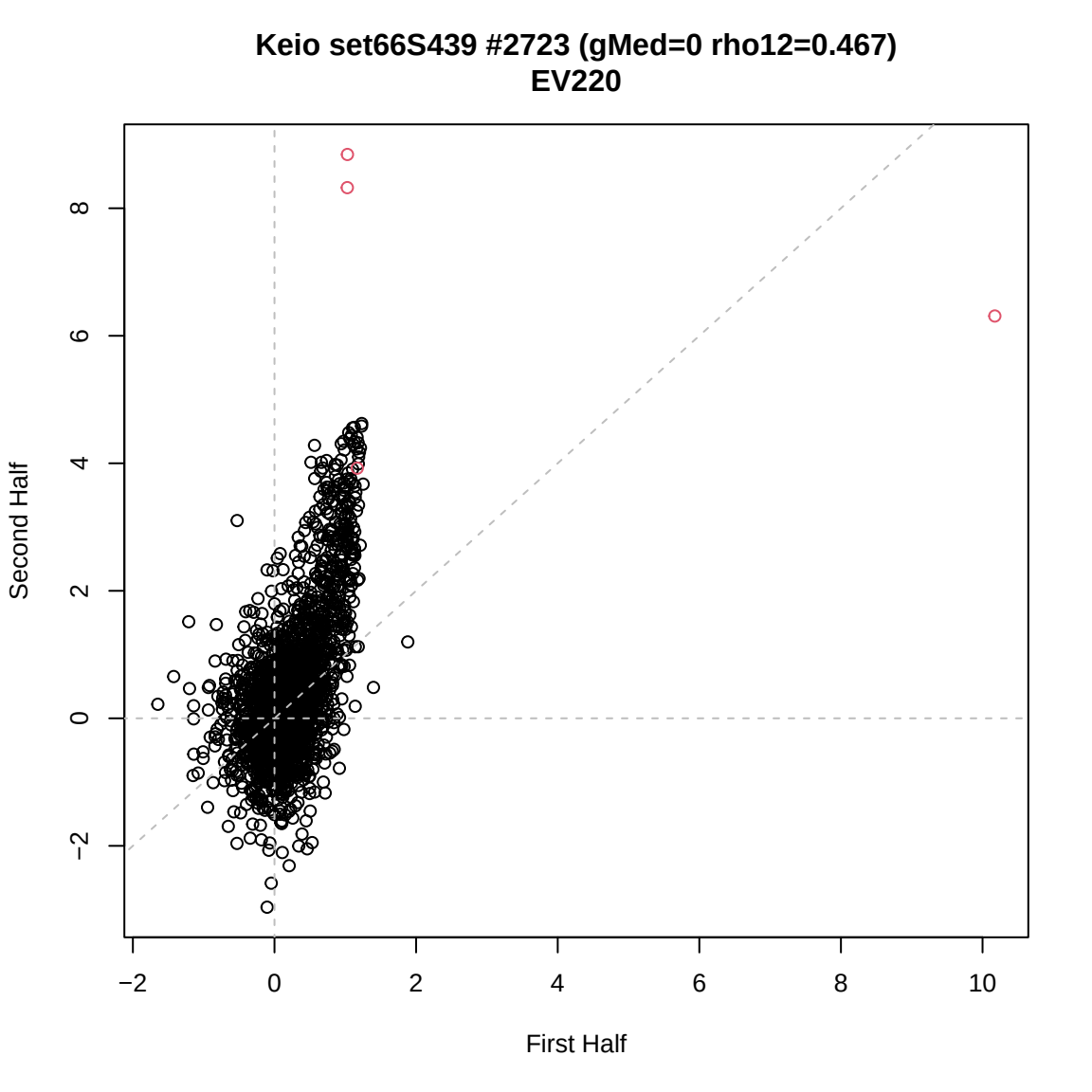

Keio set66S434 #2718 (gMed=0 rho12=0.489)
Bas32
Second Half
First Half
15
10
5
0
0
5
10
15

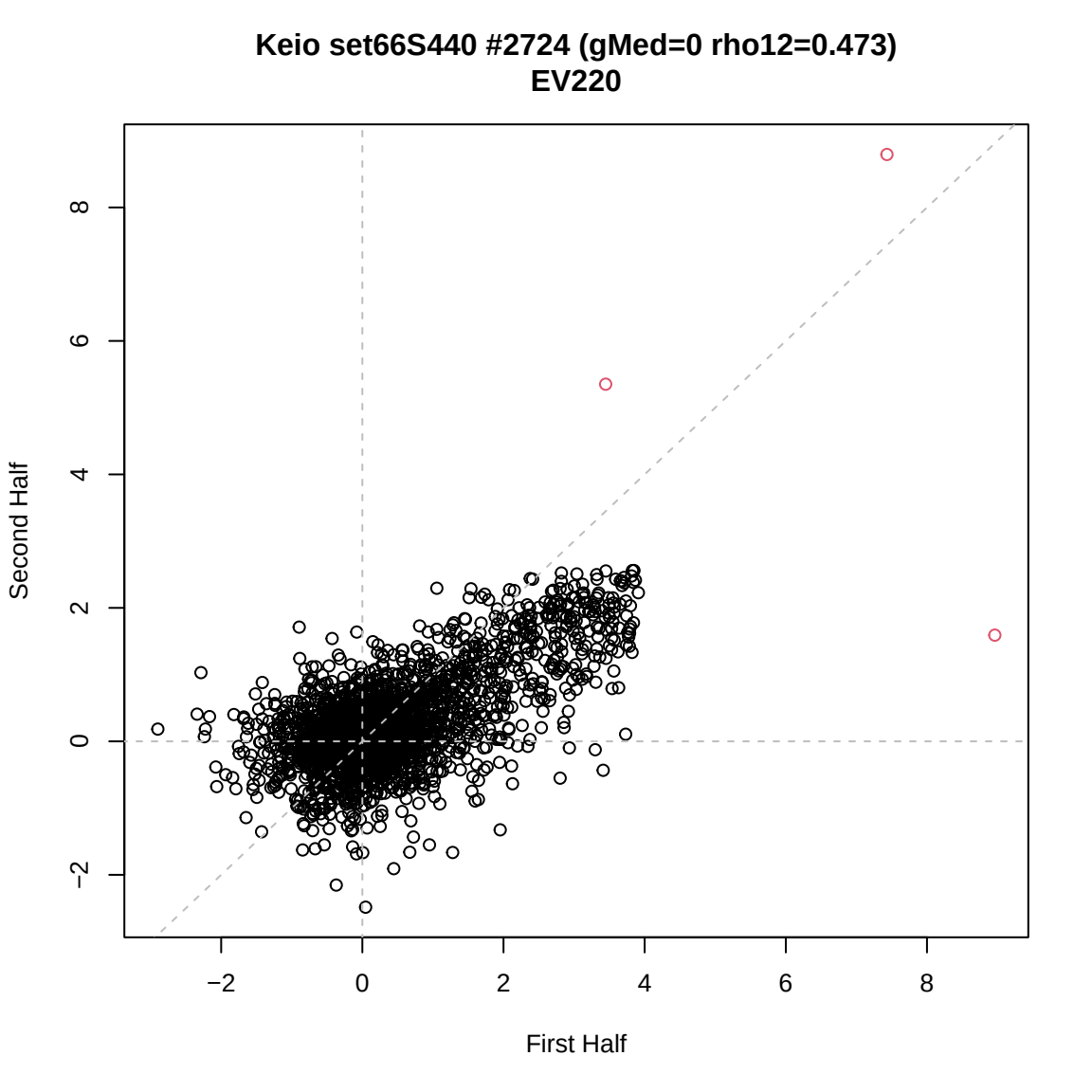

Keio set66S435 #2719 (gMed=0 rho12=0.482)
Bas51
Second Half
First Half
0
5
10
15

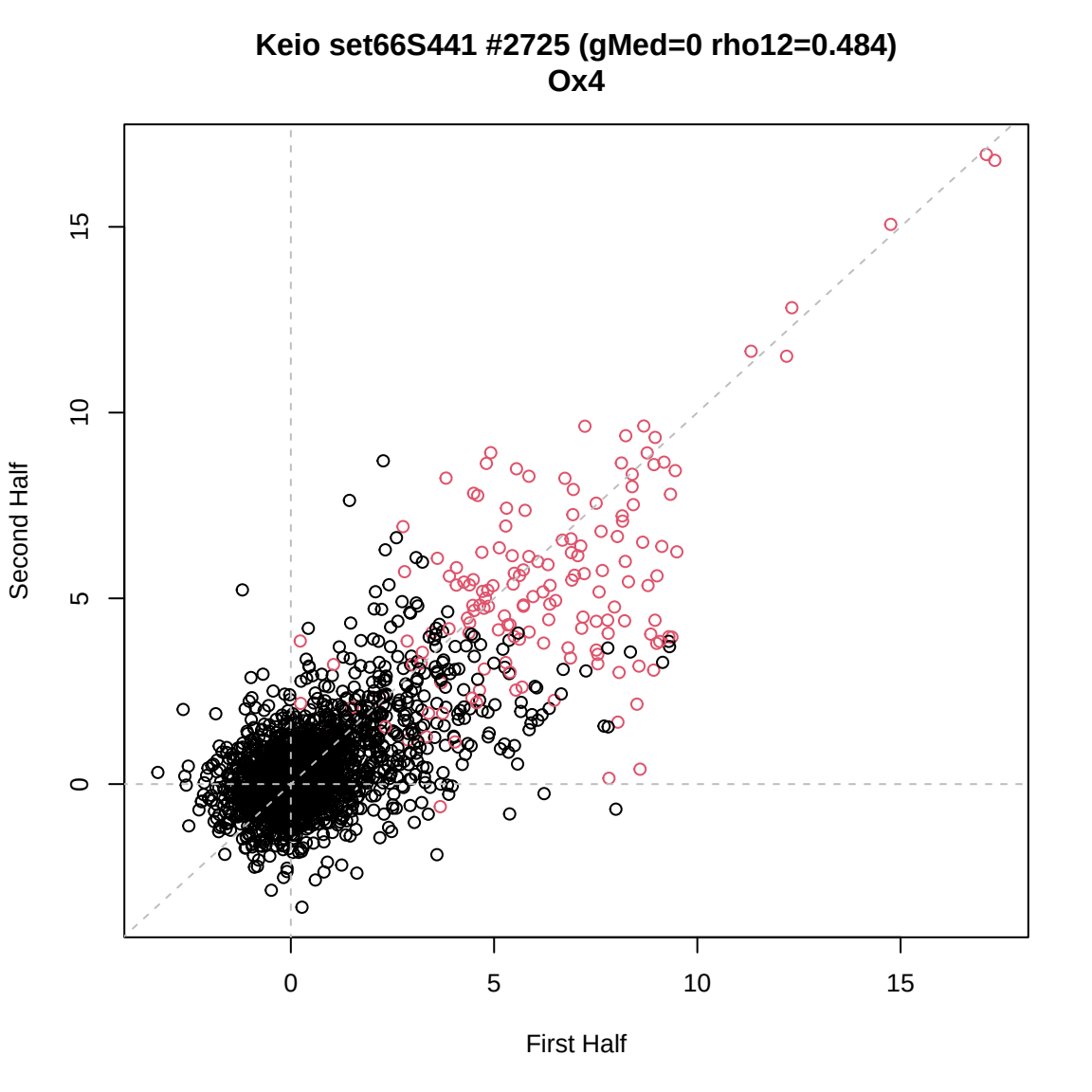

Keio set66S436 #2720 (gMed=0 rho12=0.484)
Bas51
Second Half
First Half
0
5
10
15

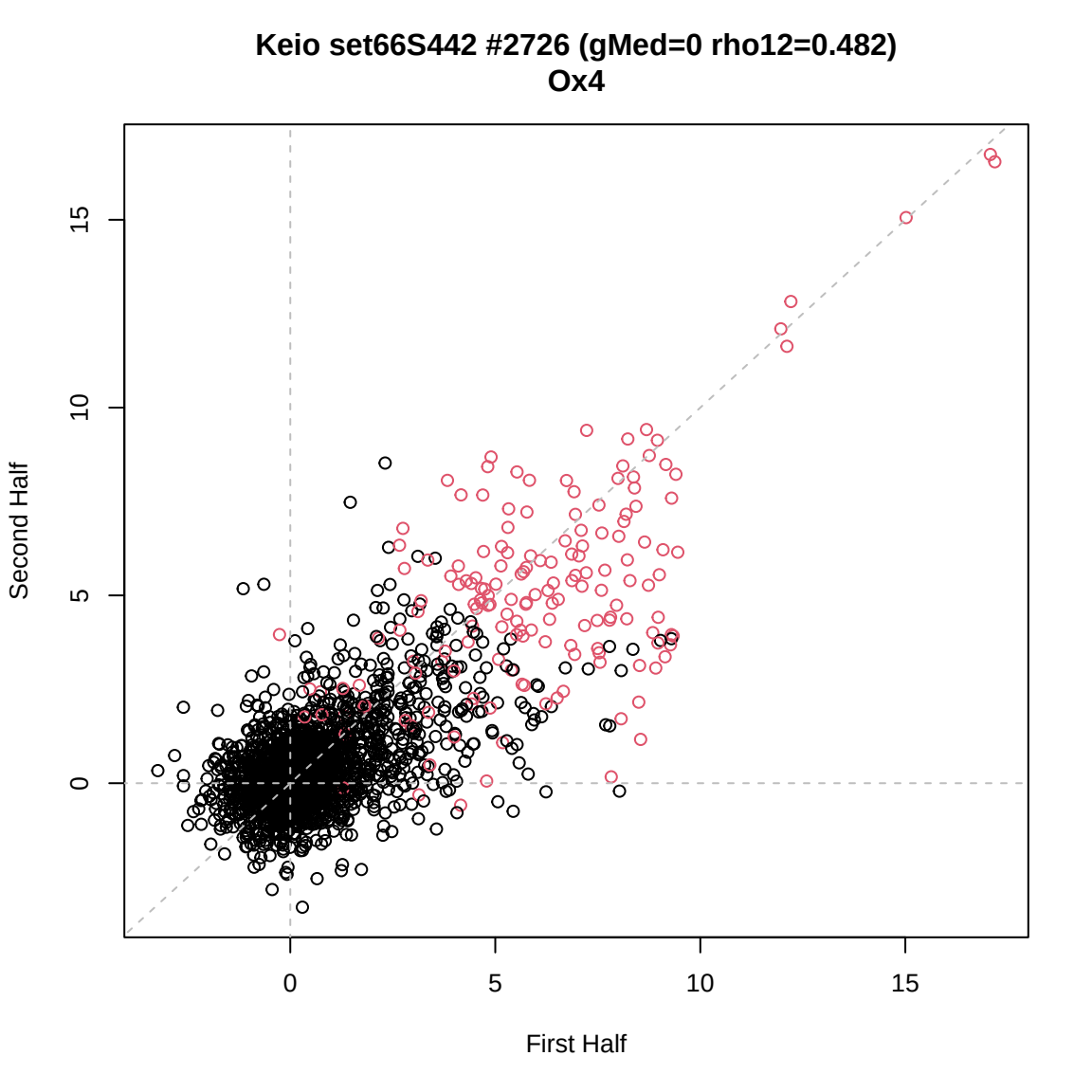

Keio set66S437 #2721 (gMed=1 rho12=0.347)
TP14
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6
8
10

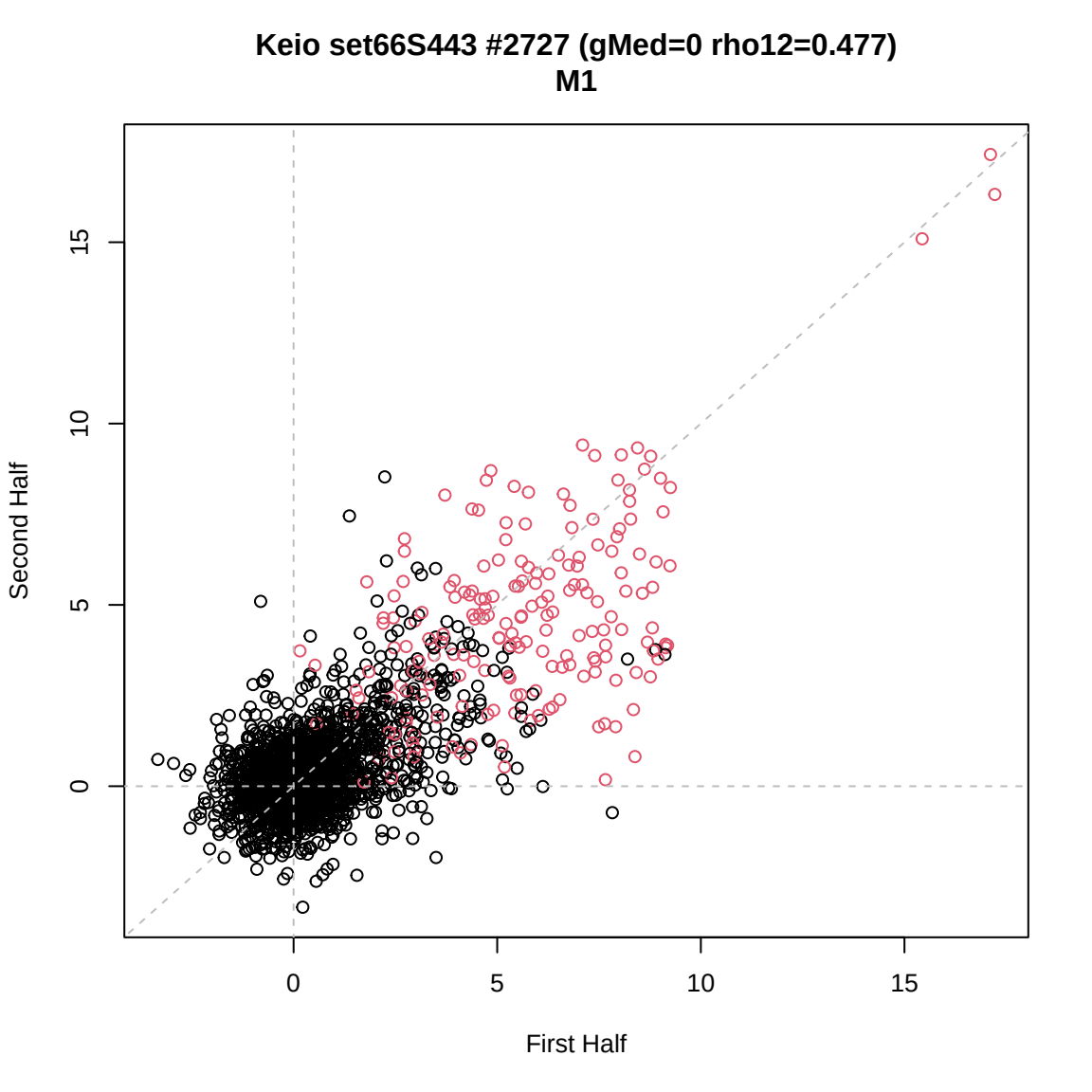

Keio set66S438 #2722 (gMed=1 rho12=0.455)
TP14
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

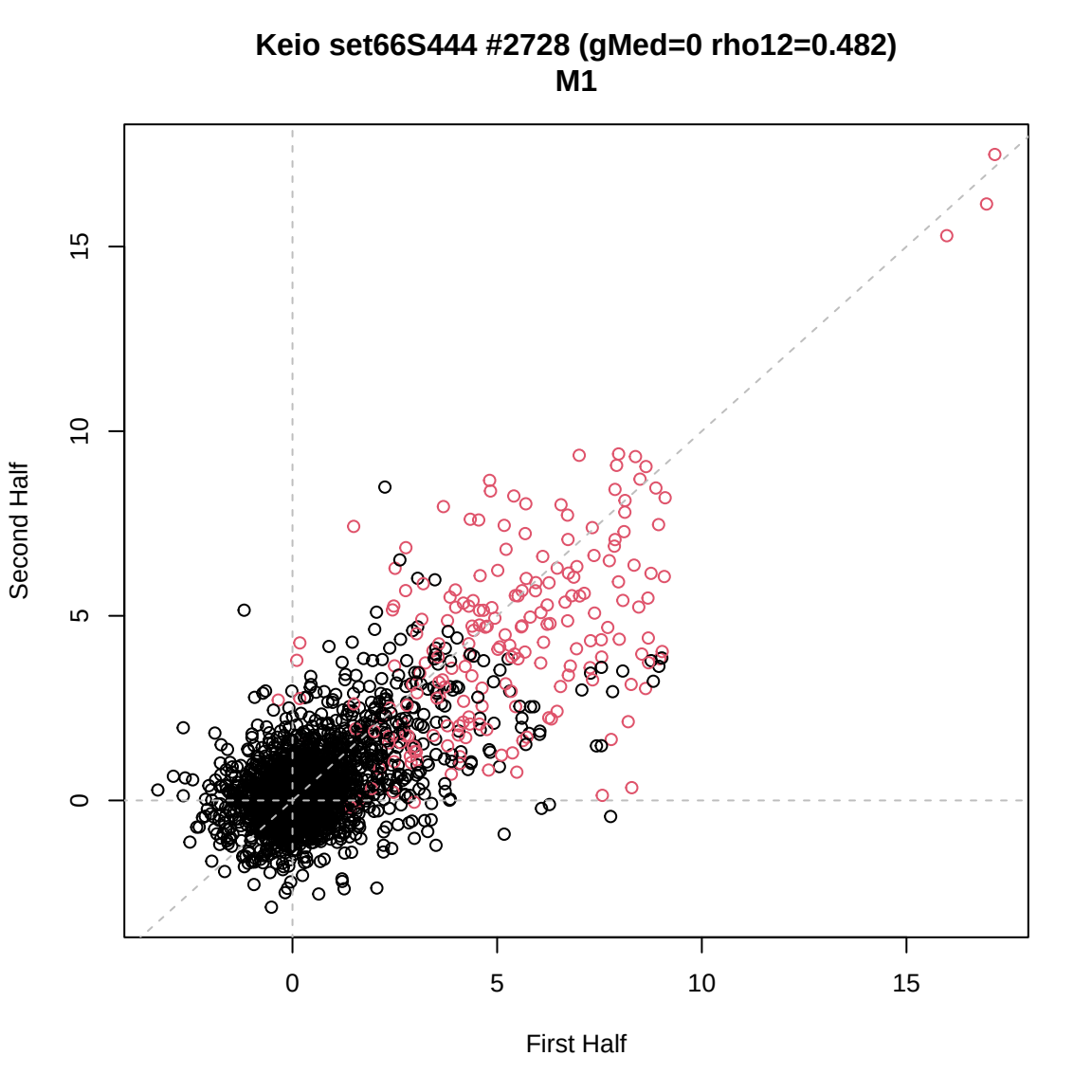

Keio set66S439 #2723 (gMed=0 rho12=0.467)
EV220
Second Half
First Half
−2
0
2
4
6
8
10

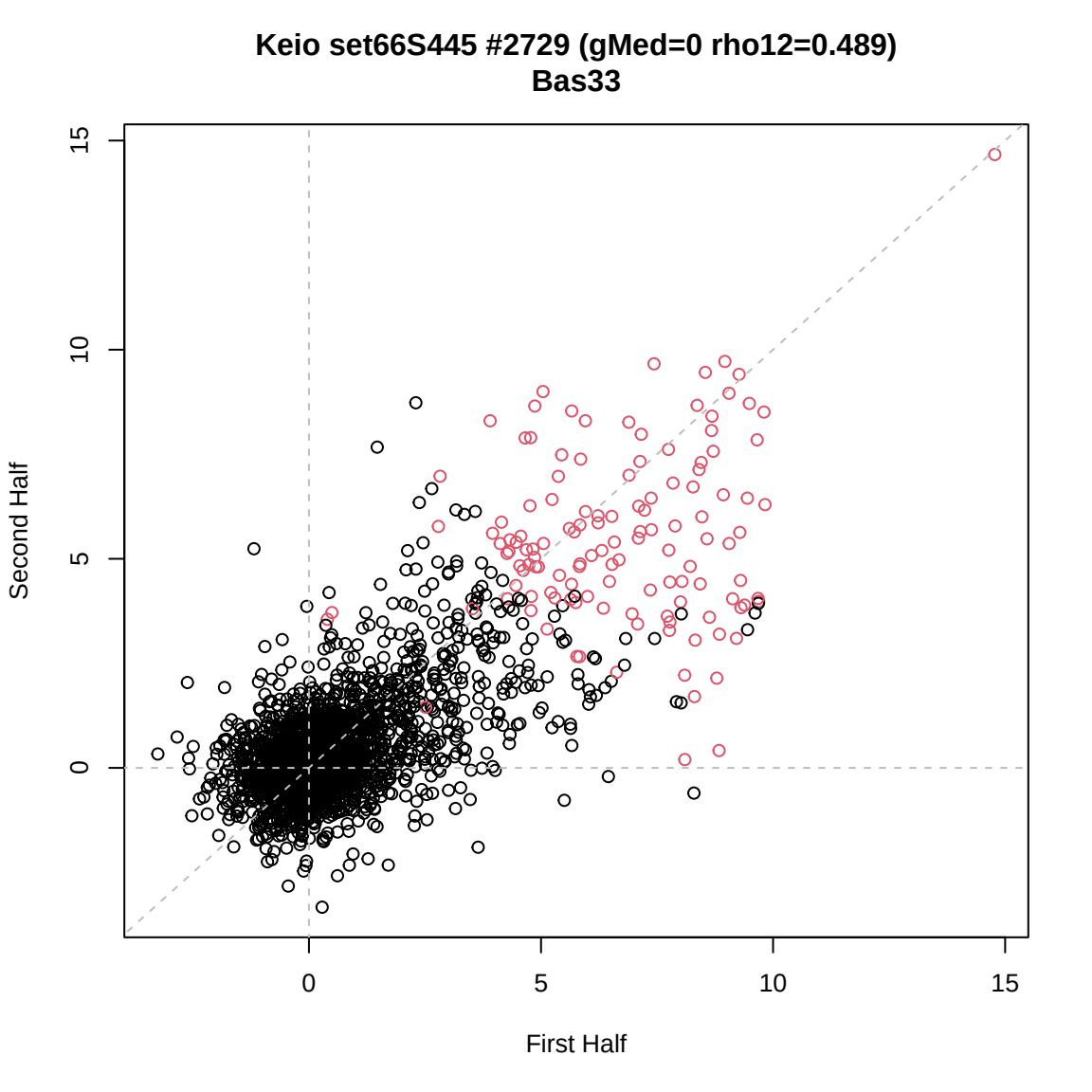

Keio set66S440 #2724 (gMed=0 rho12=0.473)
EV220
Second Half
First Half
−2
0
2
4
6
8

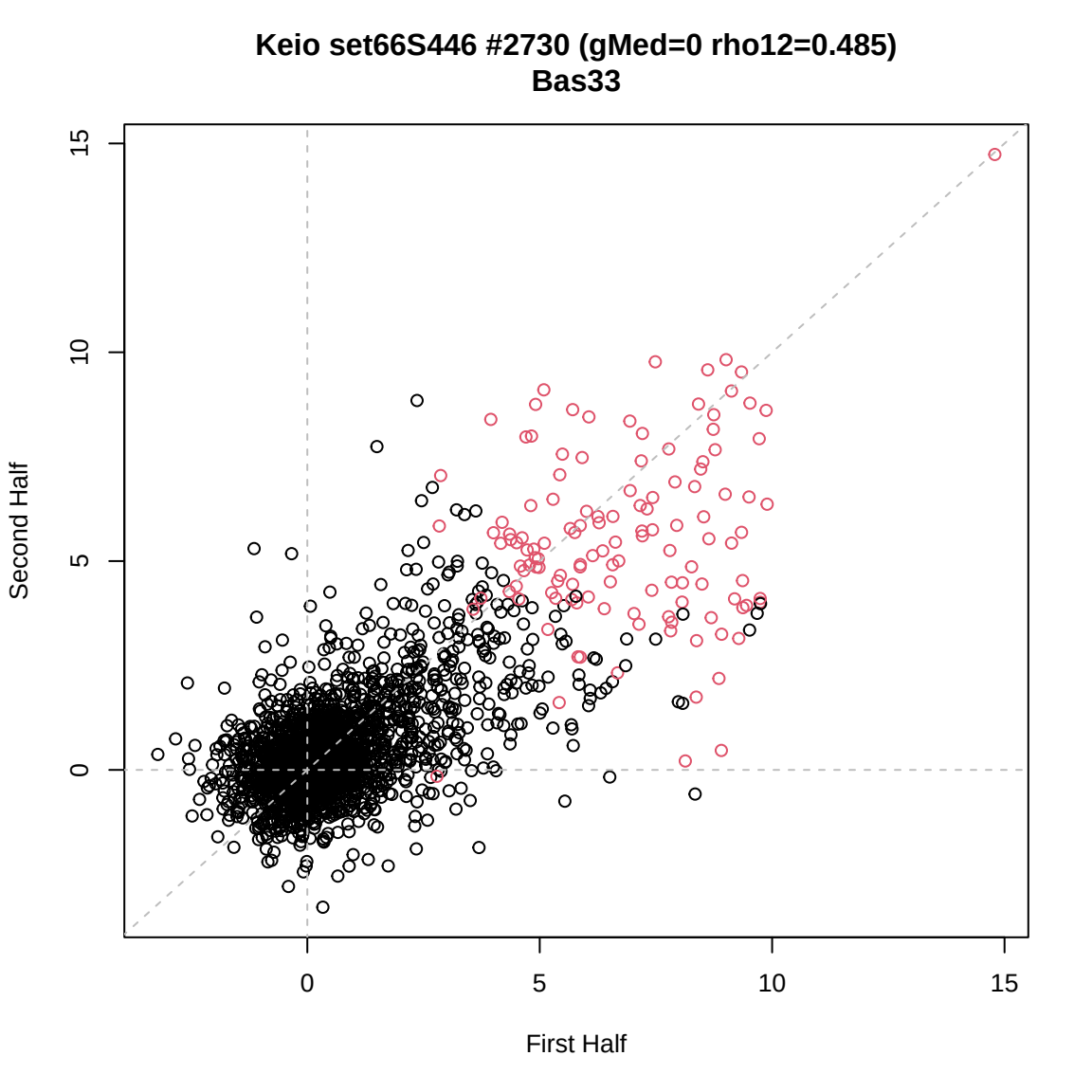

Keio set66S441 #2725 (gMed=0 rho12=0.484)
Ox4
Second Half
First Half
0
5
10
15

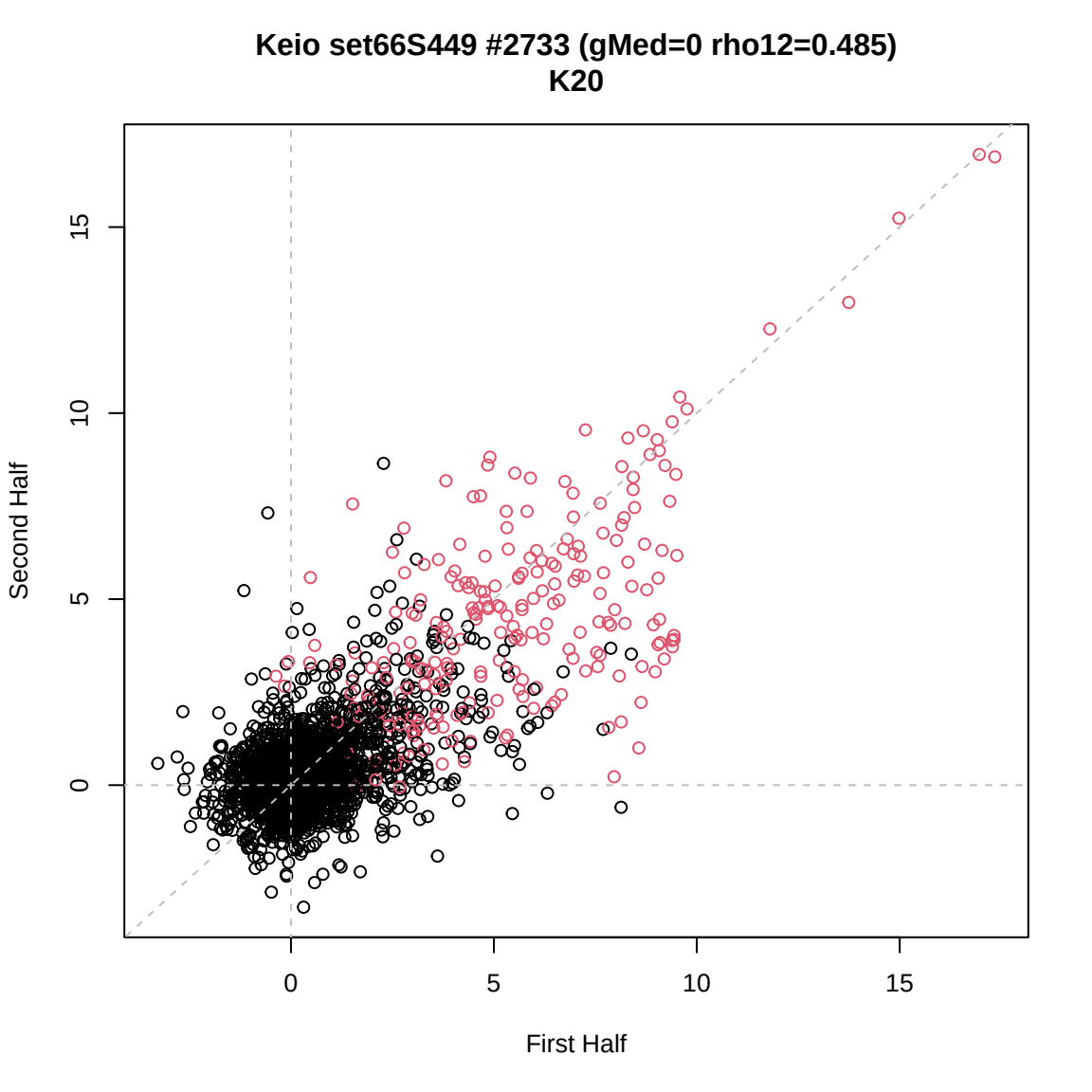

Keio set66S442 #2726 (gMed=0 rho12=0.482)
Ox4
Second Half
First Half
0
5
10
15
0
5
10
15

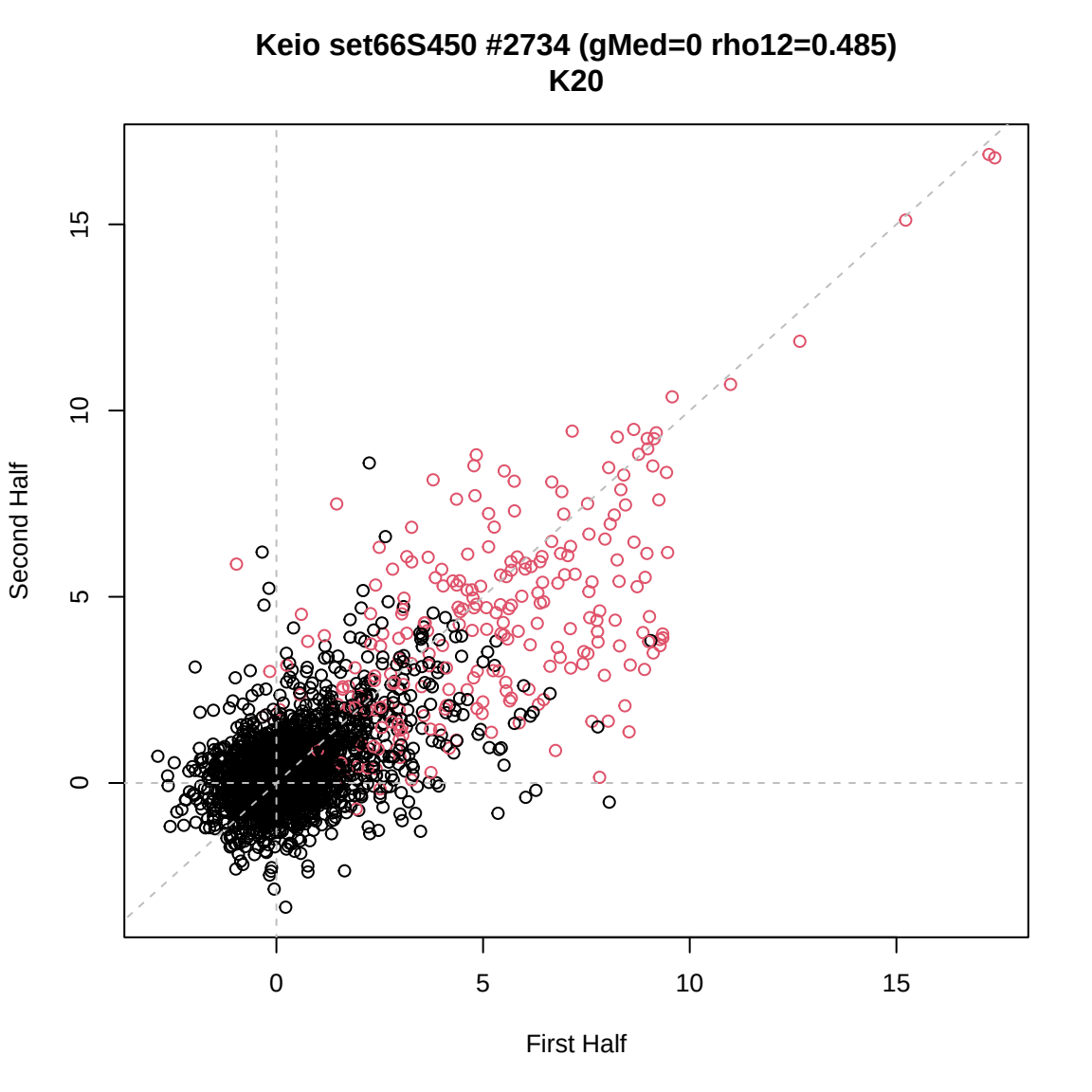

Keio set66S443 #2727 (gMed=0 rho12=0.477)
M1
Second Half
First Half
0
5
10
15

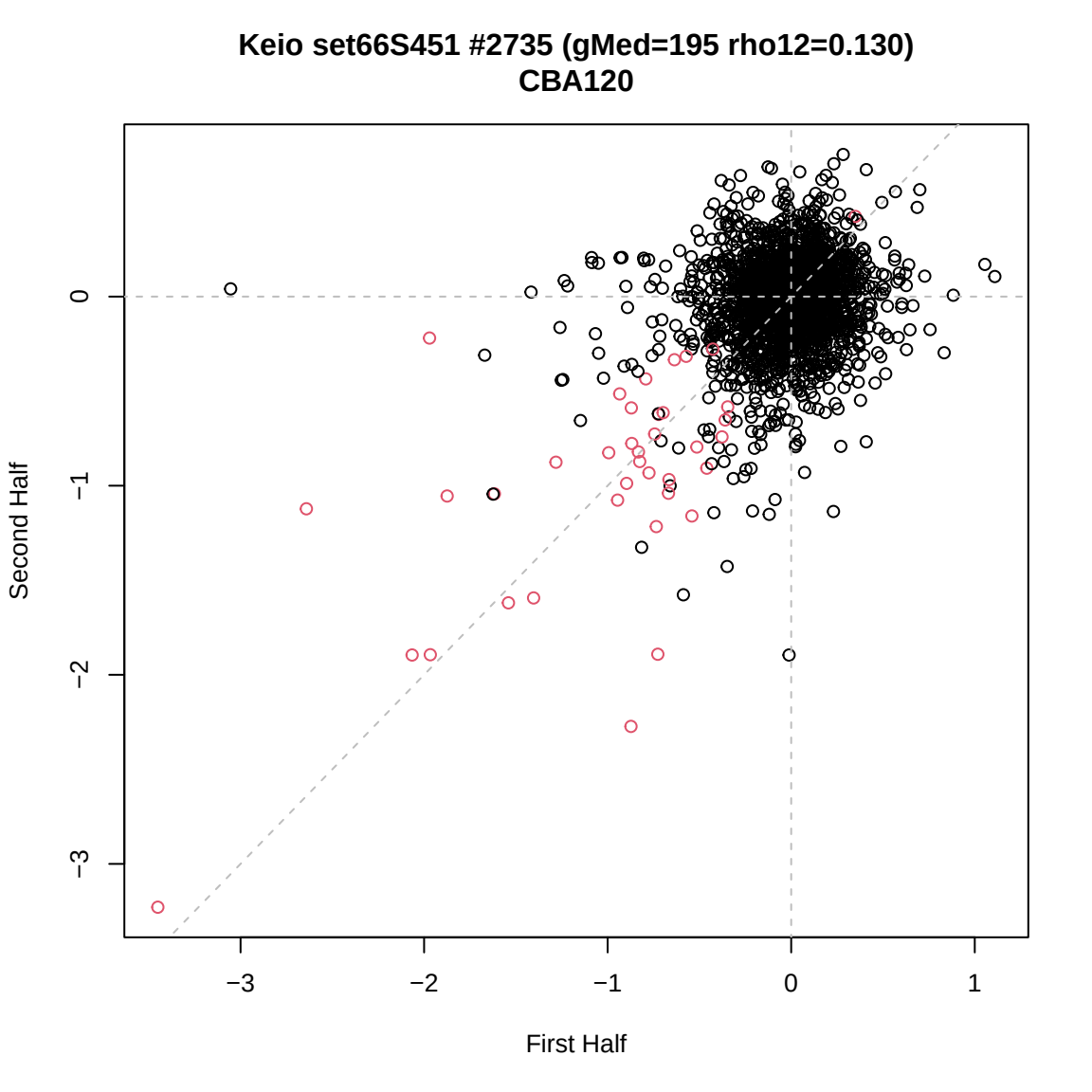

Keio set66S444 #2728 (gMed=0 rho12=0.482)
M1
Second Half
First Half
0
5
10
15
0
5
10
15

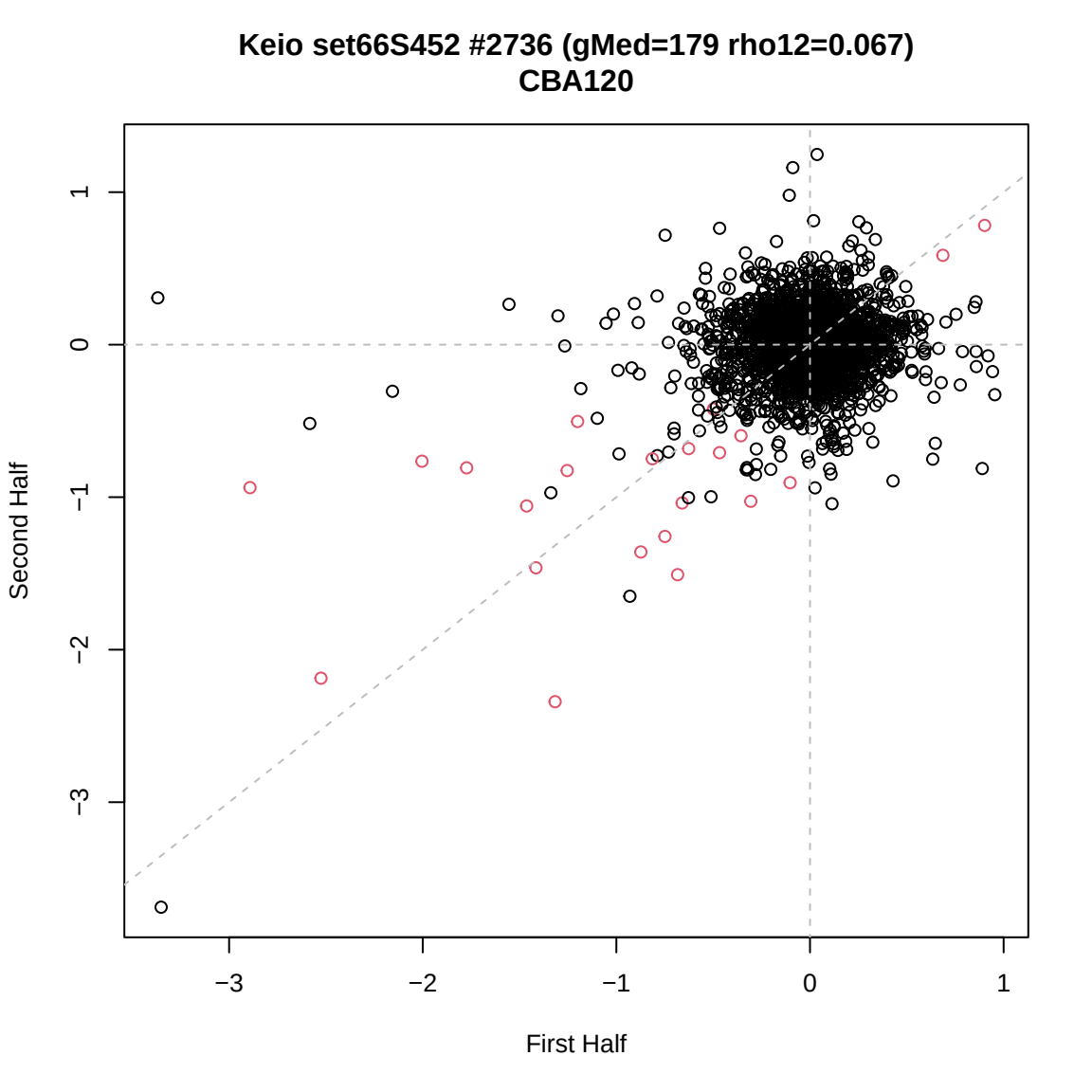

Keio set66S445 #2729 (gMed=0 rho12=0.489)
Bas33
Second Half
First Half
0
5
10
15

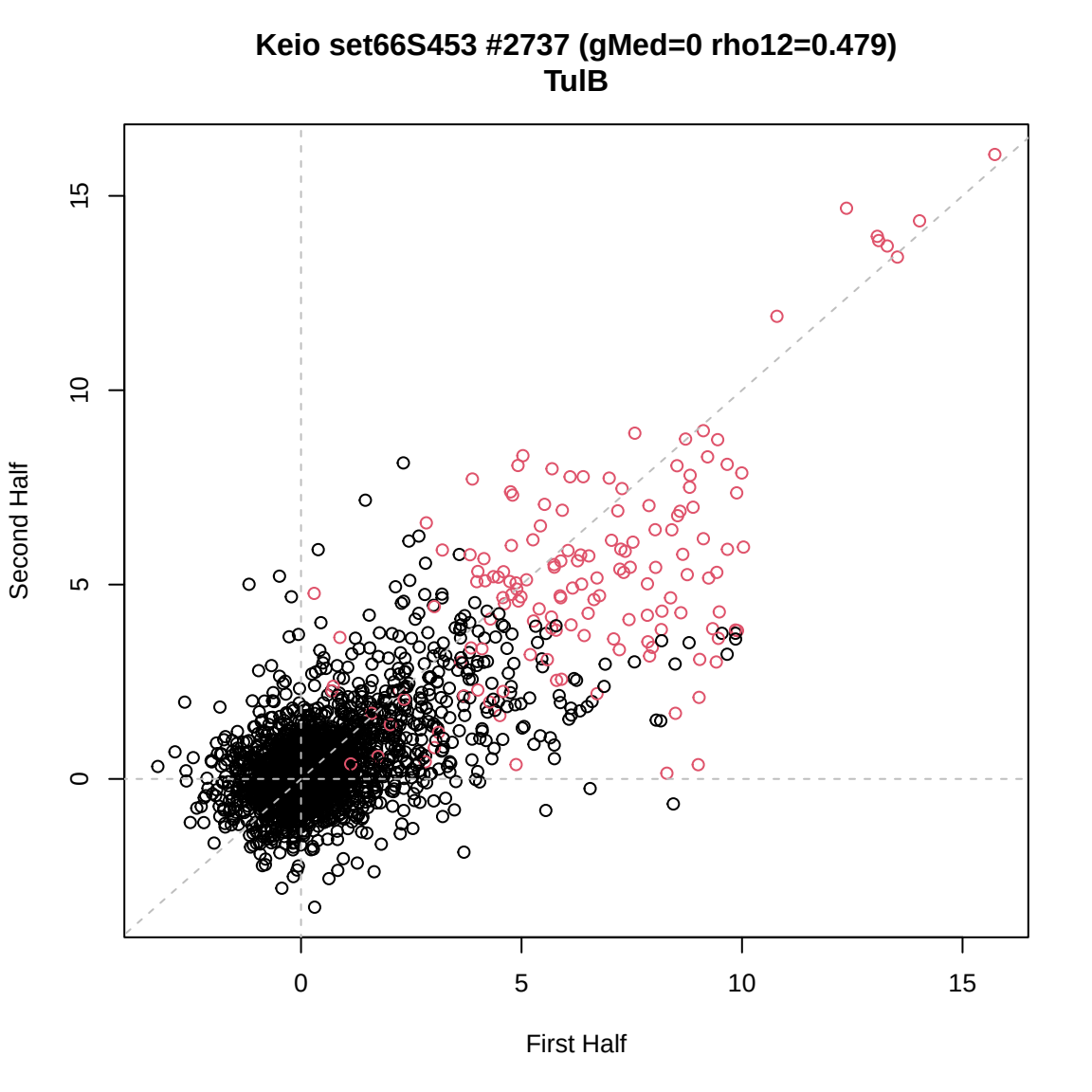

Keio set66S446 #2730 (gMed=0 rho12=0.485)
Bas33
Second Half
First Half
0
5
10
15

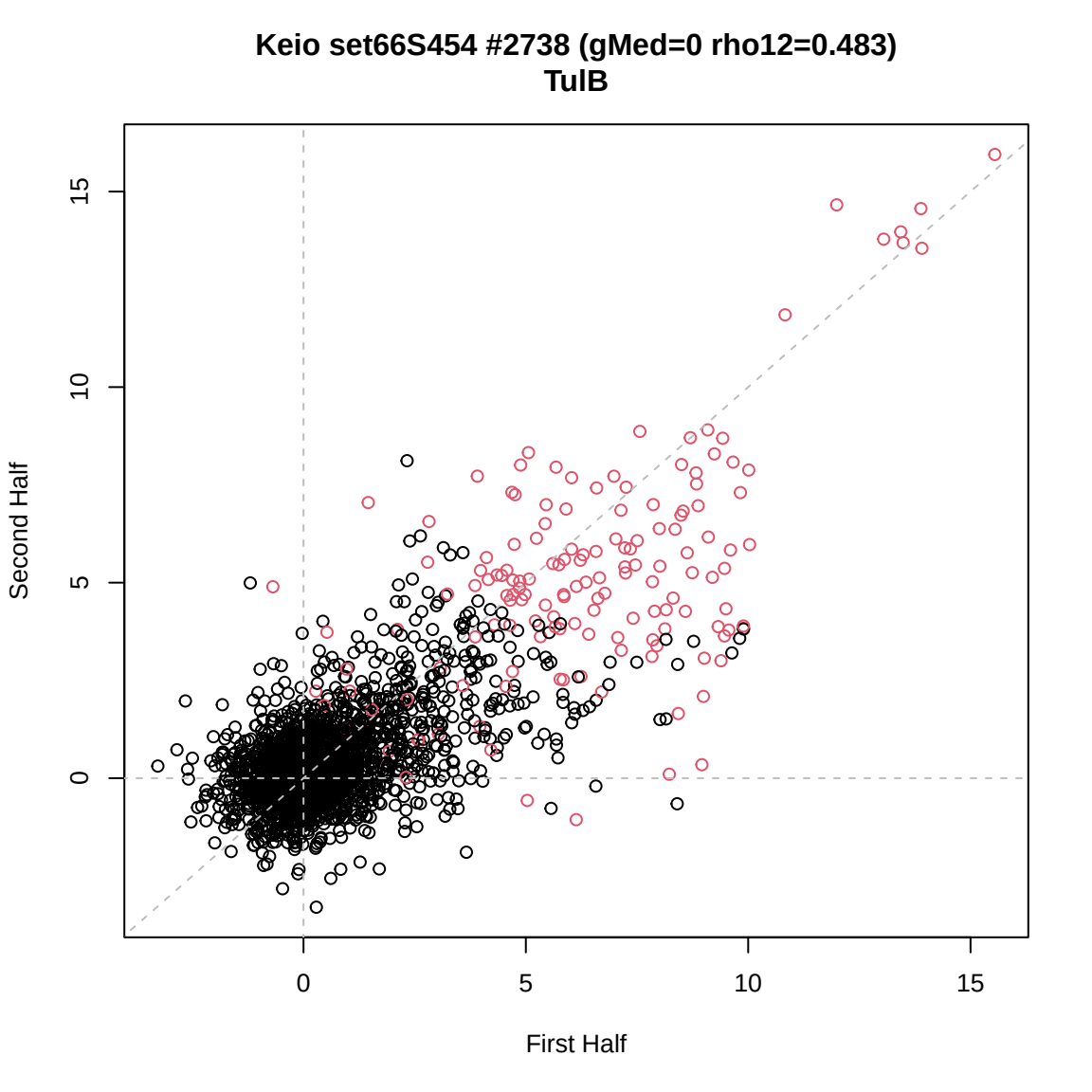

Keio set66S449 #2733 (gMed=0 rho12=0.485)
K20
Second Half
First Half
0
5
10
15

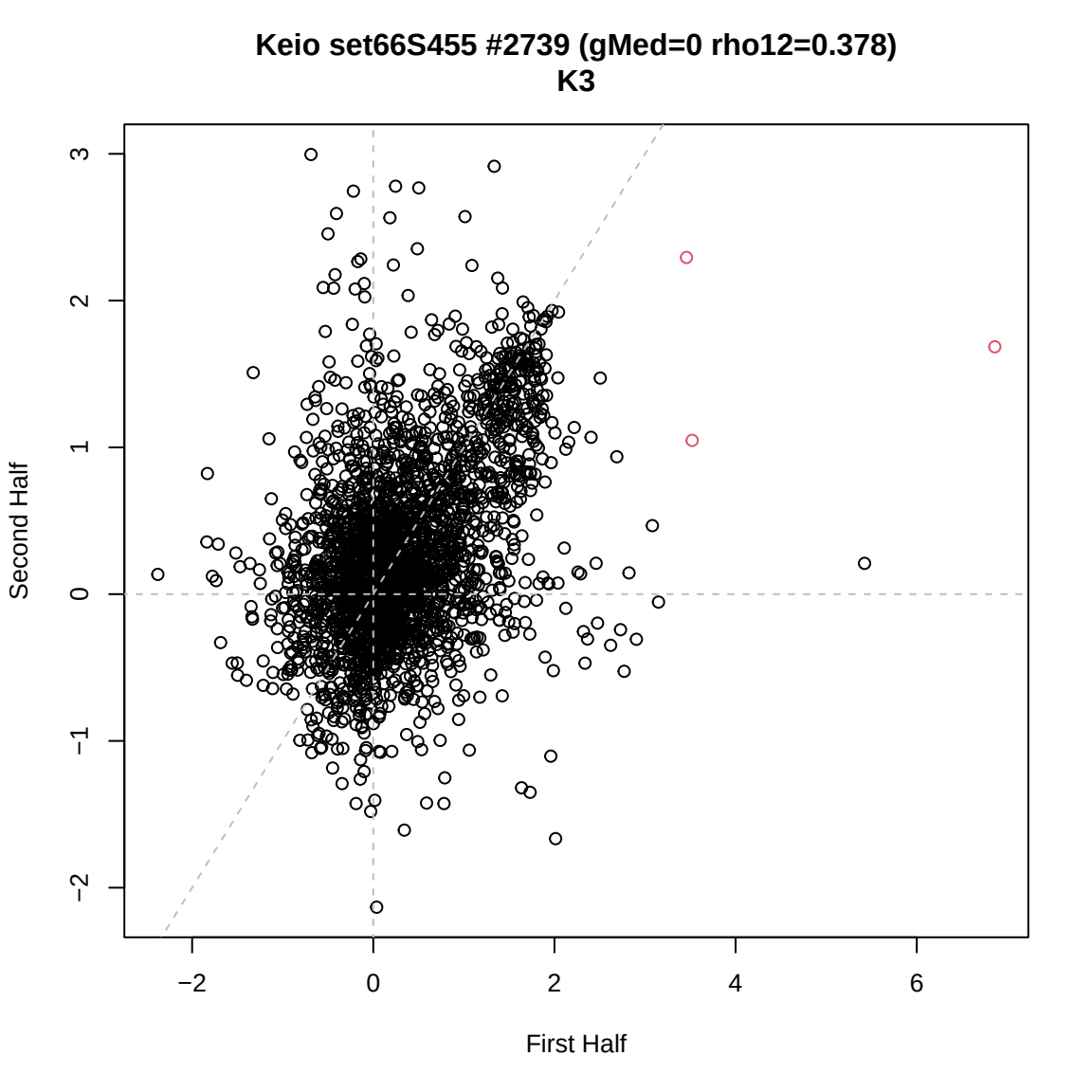

Keio set66S450 #2734 (gMed=0 rho12=0.485)
K20
Second Half
First Half
0
5
10
15
0
5
10
15

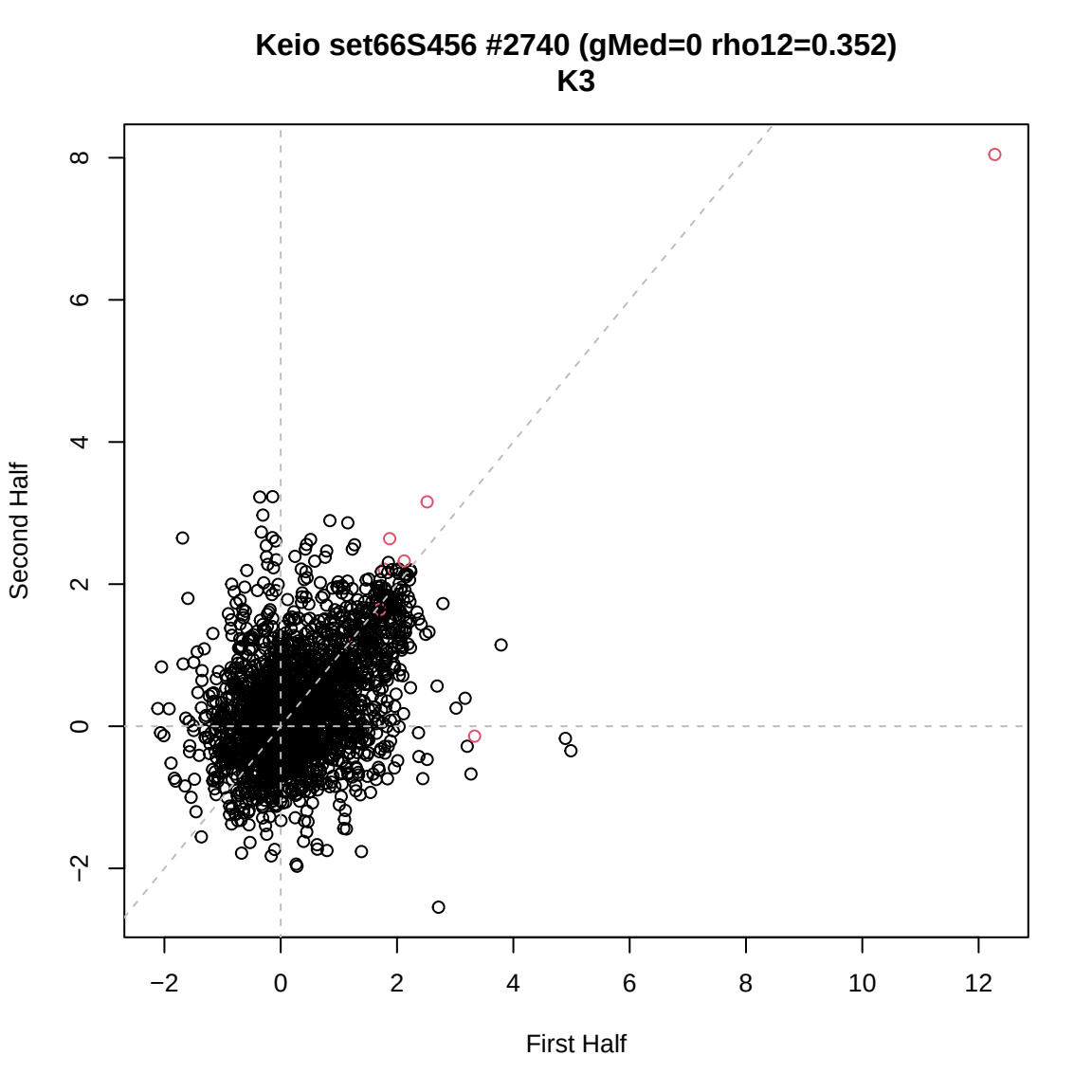

Keio set66S451 #2735 (gMed=195 rho12=0.130)
CBA120
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0
1

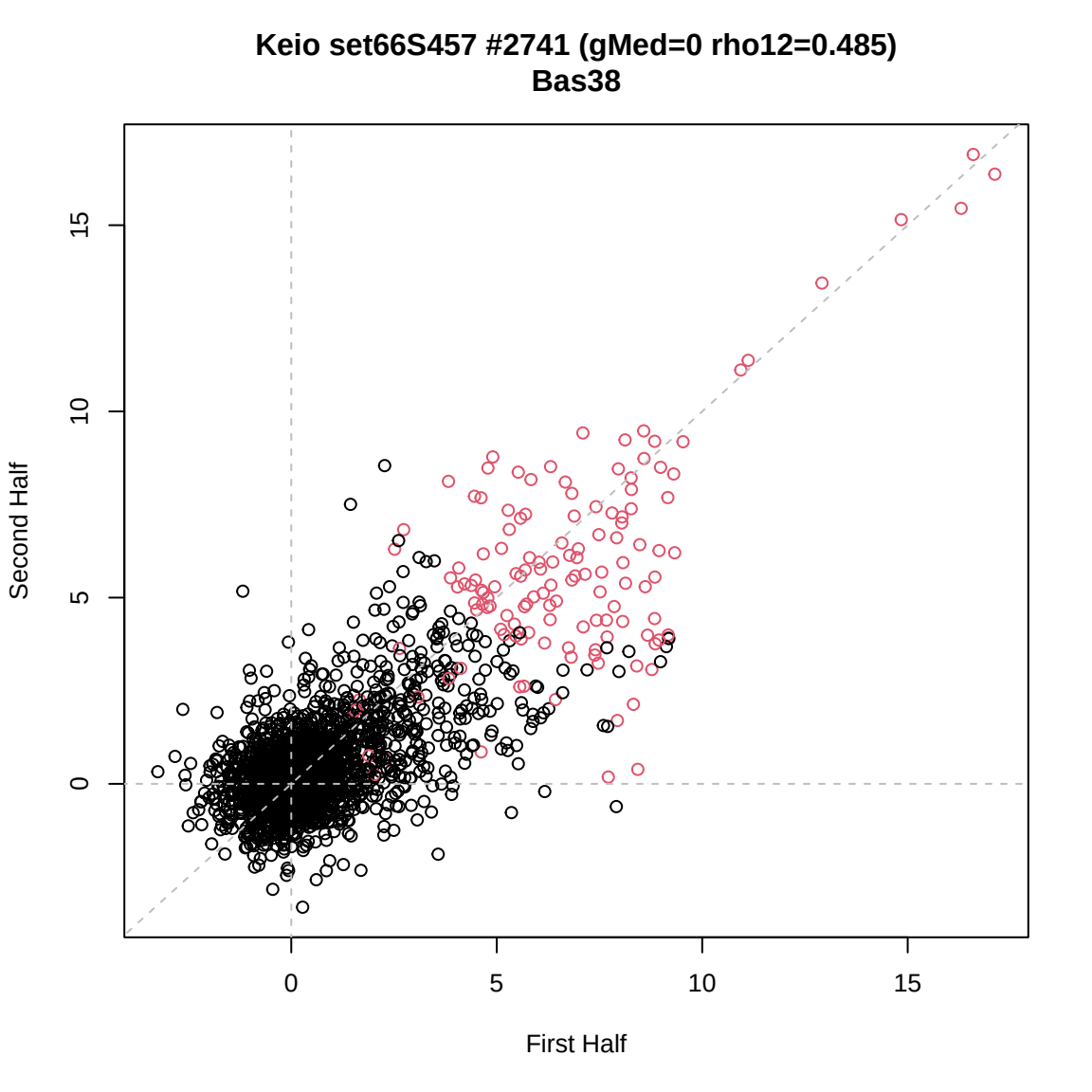

Keio set66S452 #2736 (gMed=179 rho12=0.067)
CBA120
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

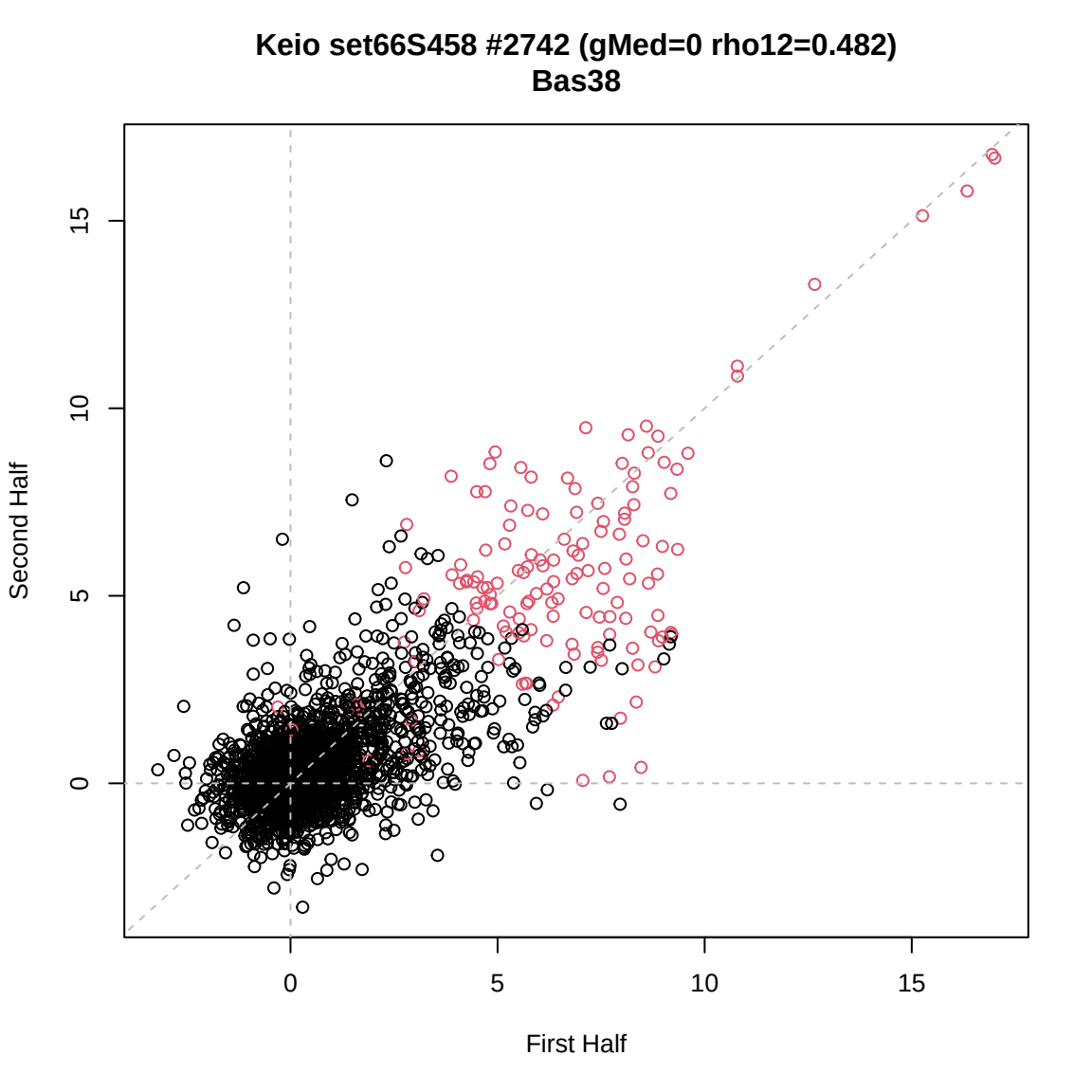

Keio set66S453 #2737 (gMed=0 rho12=0.479)
TulB
Second Half
First Half
0
5
10
15

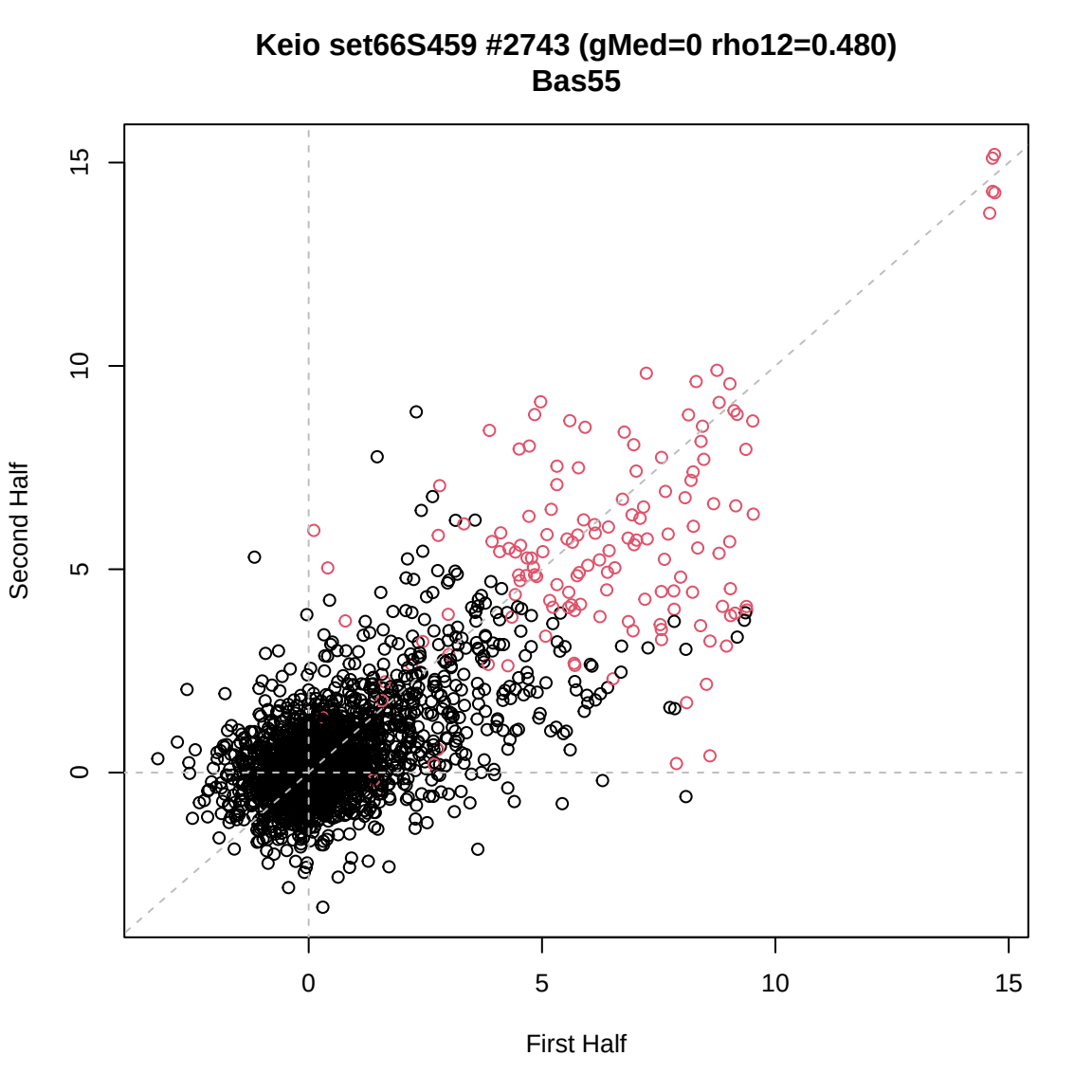

Keio set66S454 #2738 (gMed=0 rho12=0.483)
TulB
Second Half
First Half
0
5
10
15

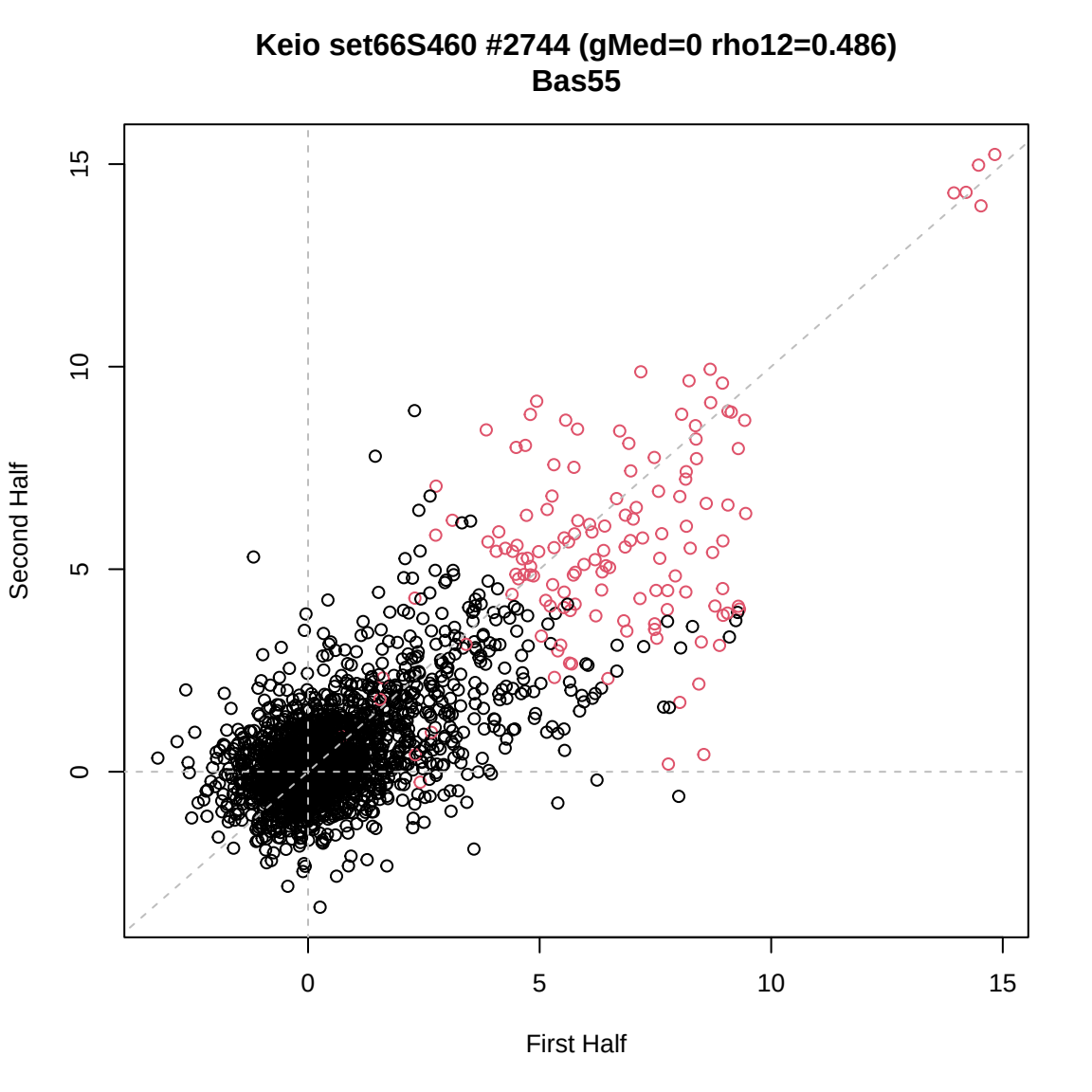

Keio set66S455 #2739 (gMed=0 rho12=0.378)
K3
Second Half
First Half
3
2
1
0
−1
−2
−2
0
2
4
6

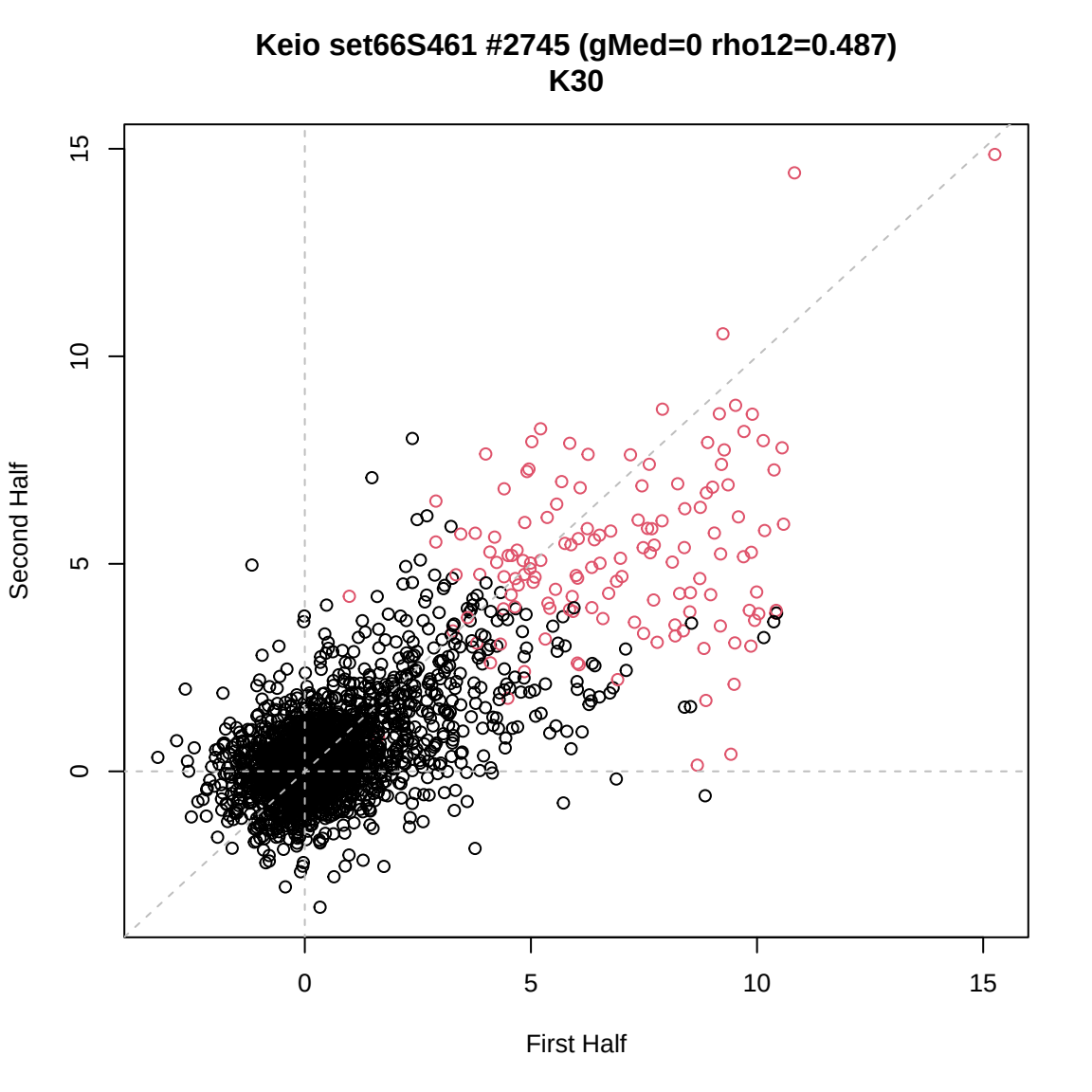

Keio set66S456 #2740 (gMed=0 rho12=0.352)
K3
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8
10
12

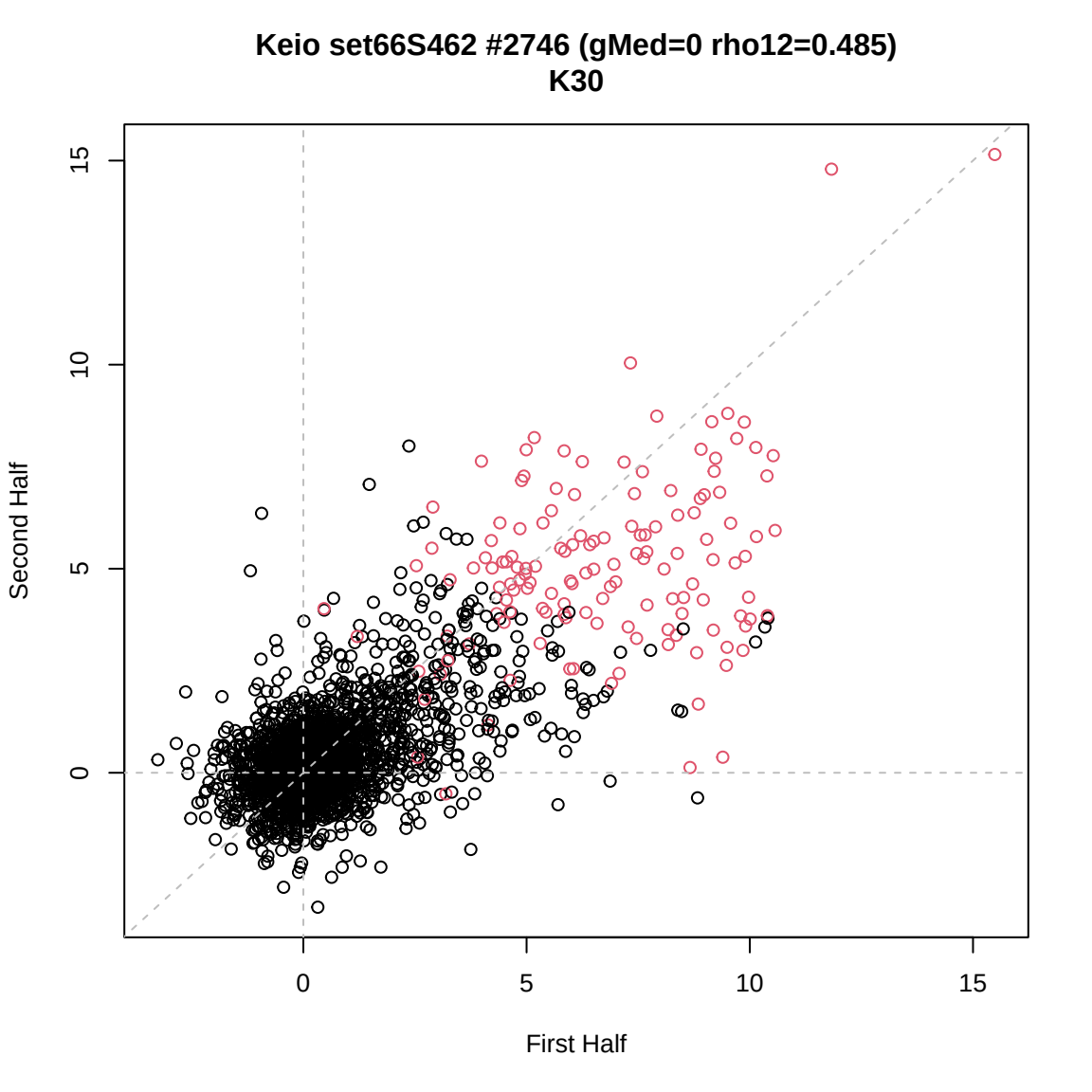

Keio set66S457 #2741 (gMed=0 rho12=0.485)
Bas38
Second Half
First Half
0
5
10
15
0
5
10
15

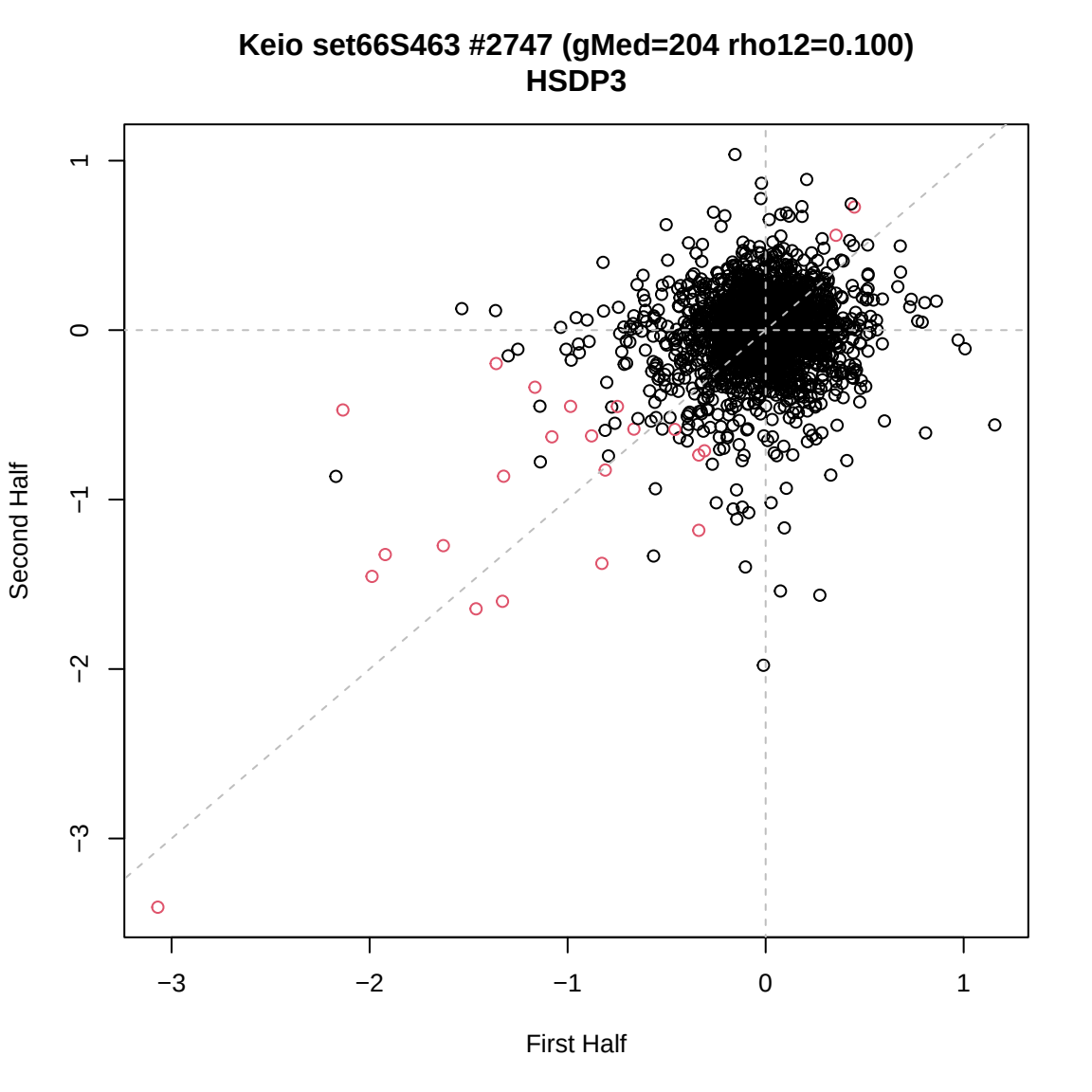

Keio set66S458 #2742 (gMed=0 rho12=0.482)
Bas38
Second Half
First Half
0
5
10
15
0
5
10
15

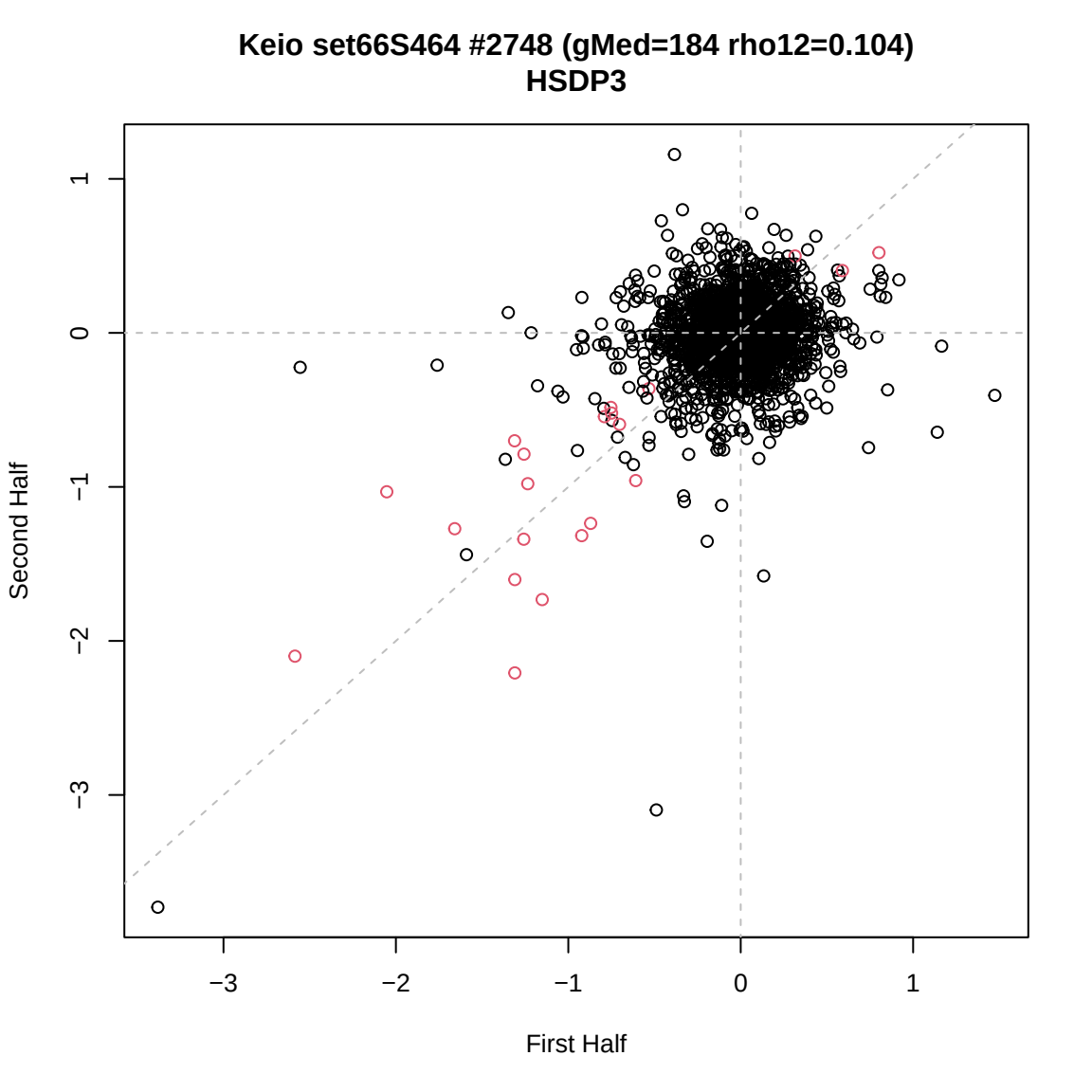

Keio set66S459 #2743 (gMed=0 rho12=0.480)
Bas55
Second Half
First Half
0
5
10
15

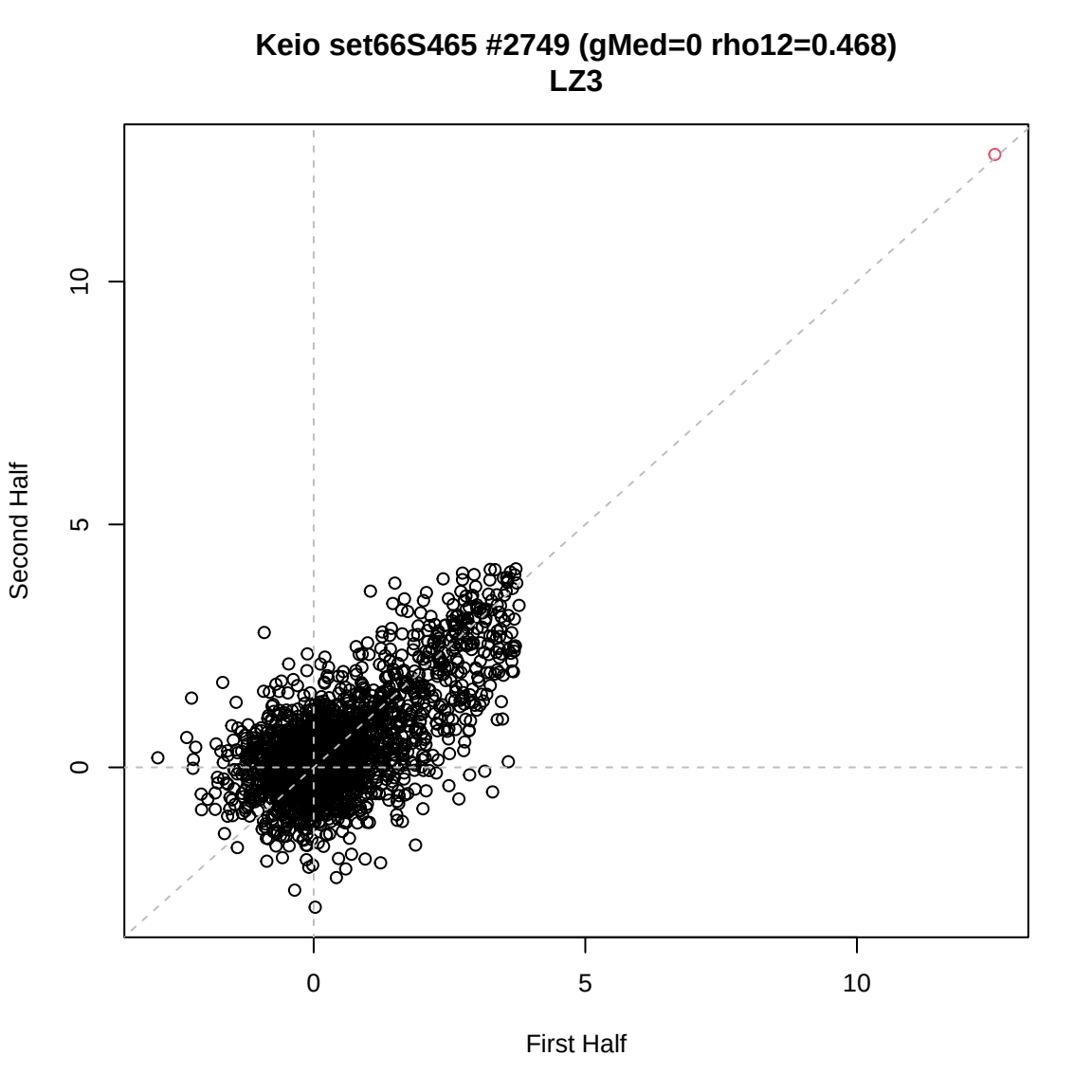

Keio set66S460 #2744 (gMed=0 rho12=0.486)
Bas55
Second Half
First Half
0
5
10
15

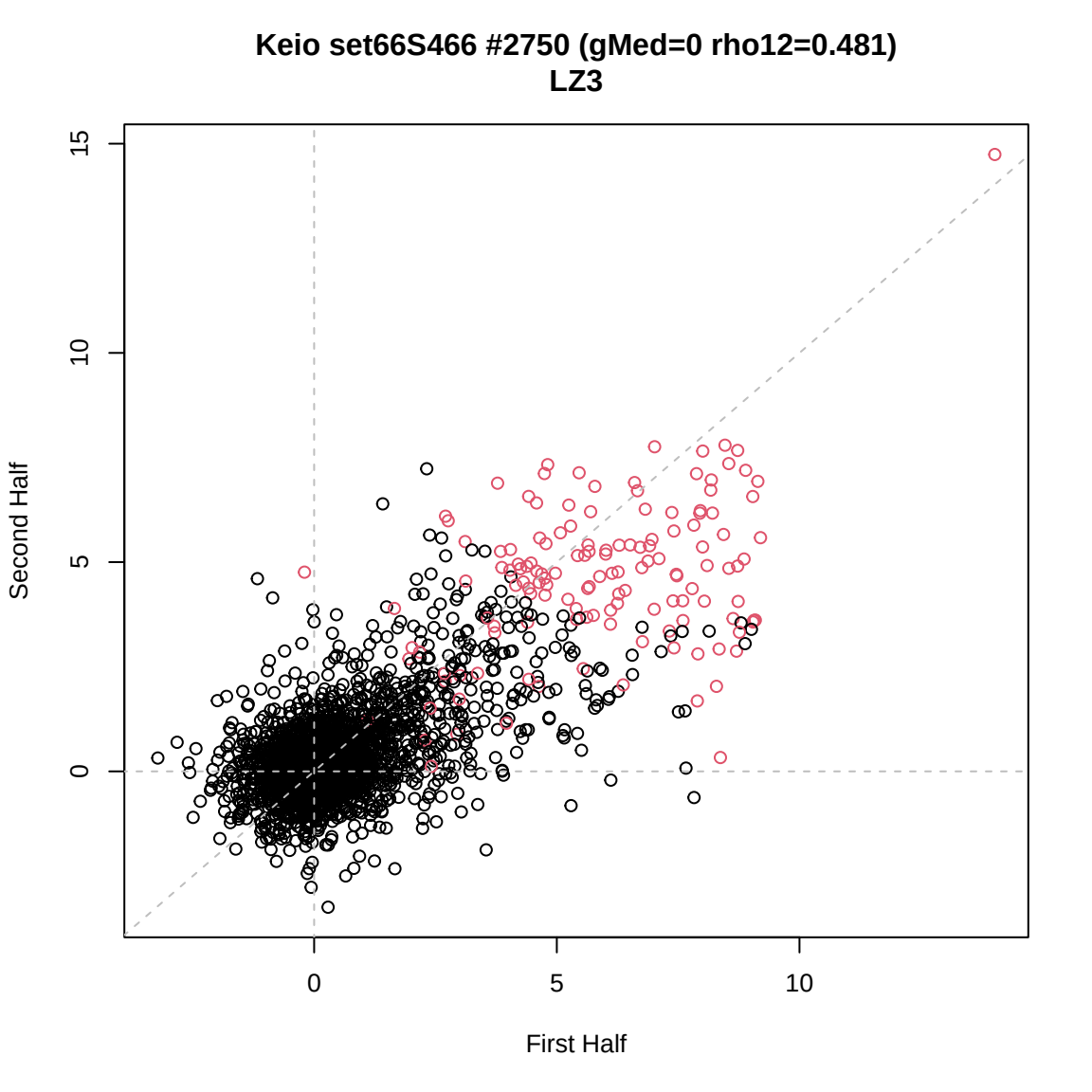

Keio set66S461 #2745 (gMed=0 rho12=0.487)
K30
Second Half
First Half
0
5
10
15

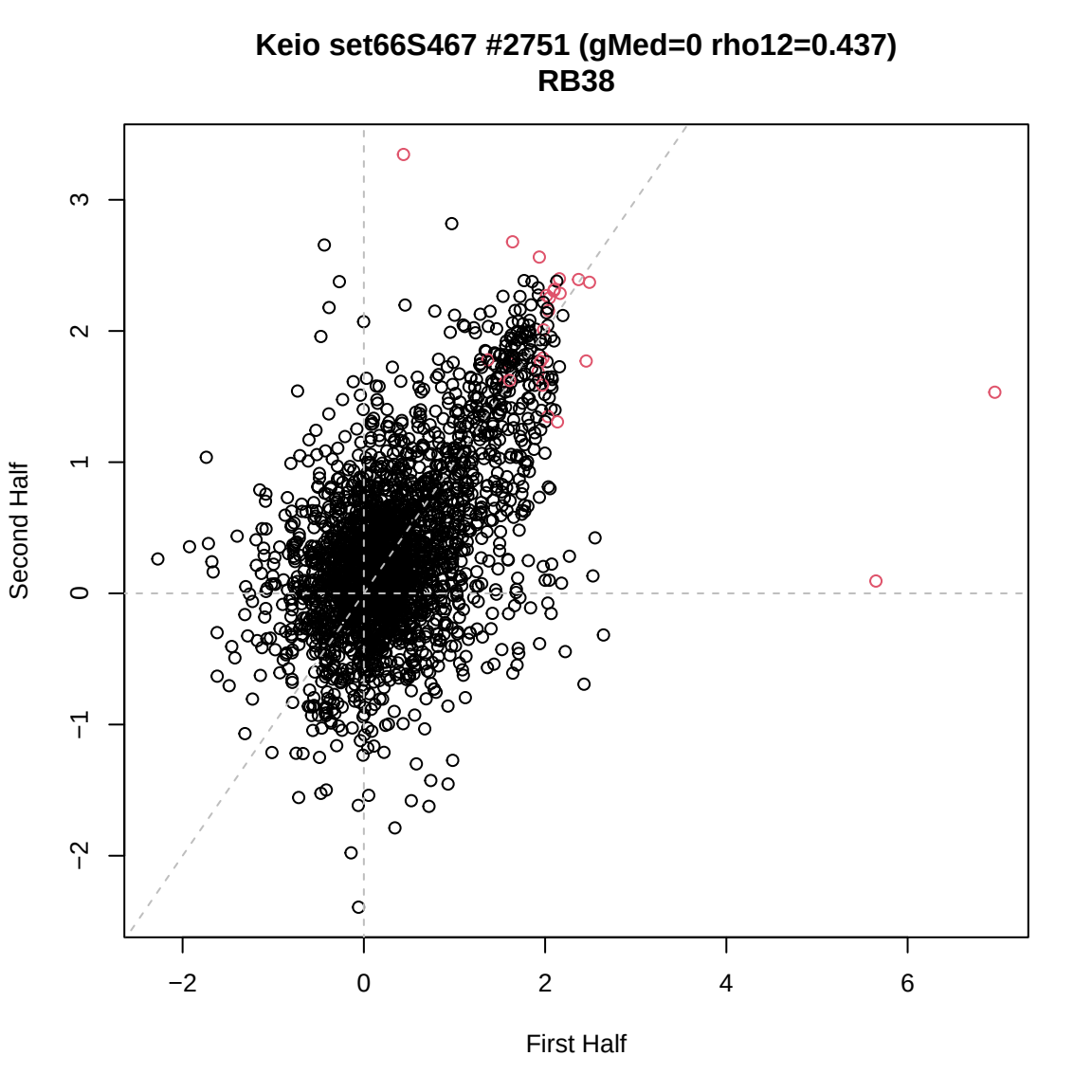

Keio set66S462 #2746 (gMed=0 rho12=0.485)
K30
Second Half
First Half
0
5
10
15

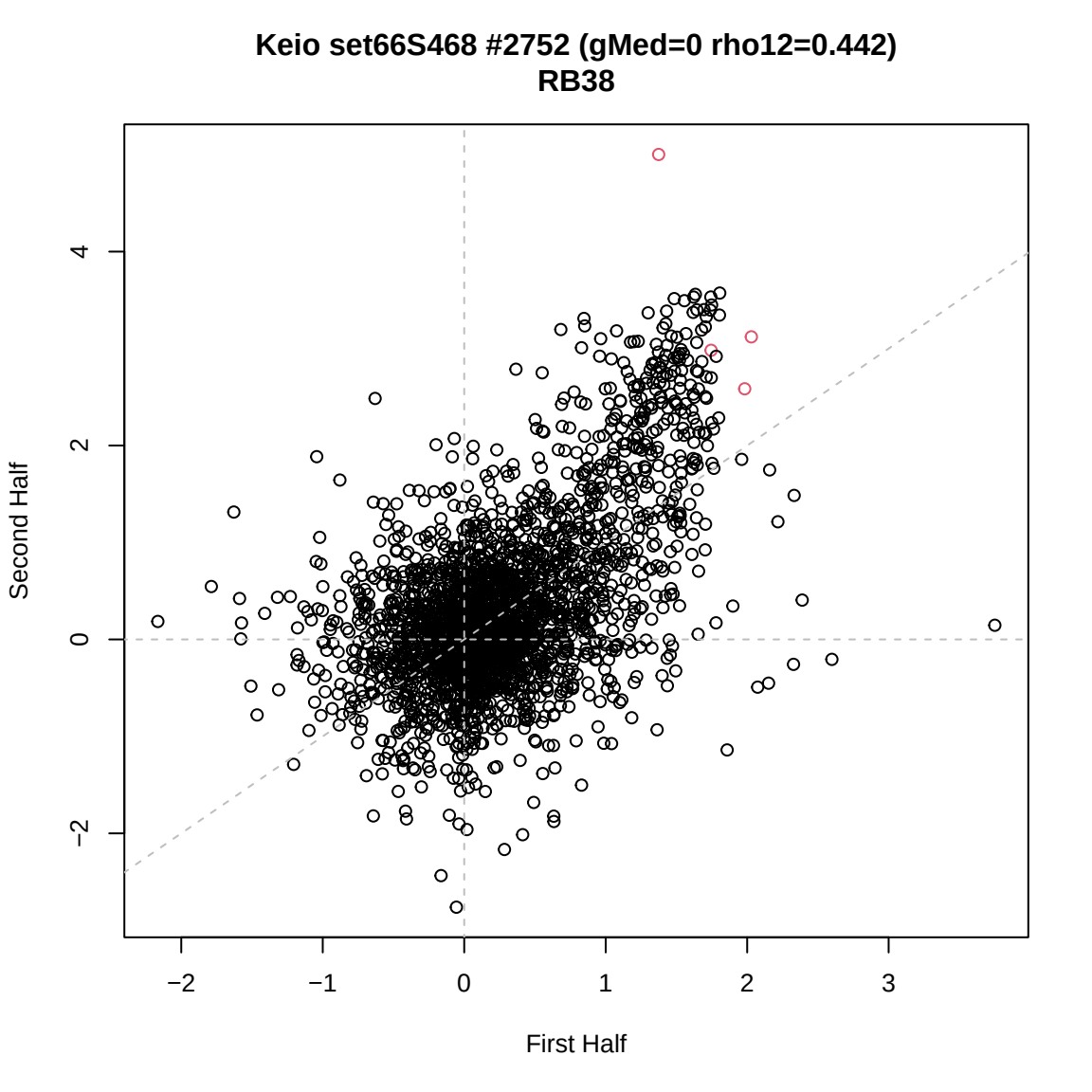

Keio set66S463 #2747 (gMed=204 rho12=0.100)
HSDP3
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

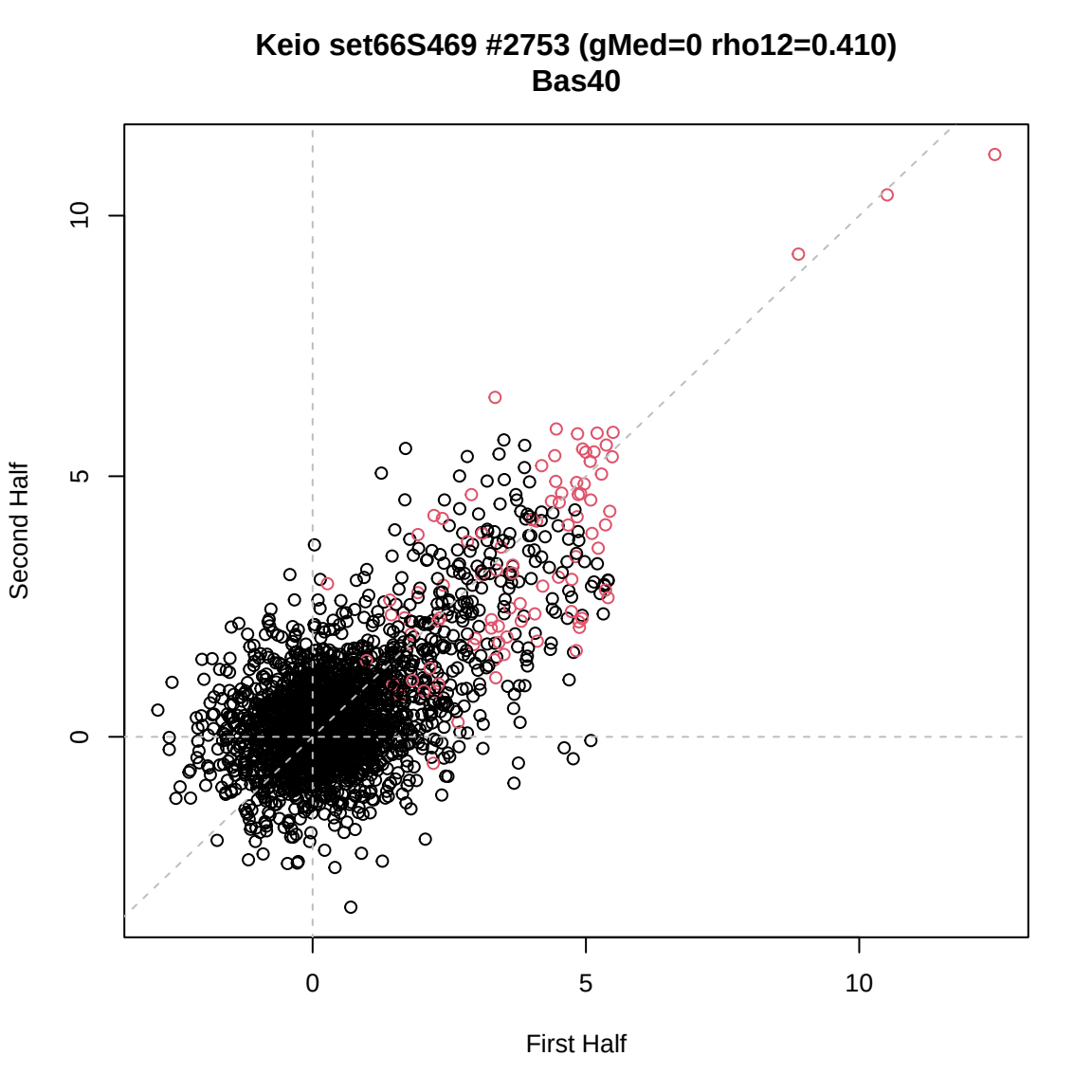

Keio set66S464 #2748 (gMed=184 rho12=0.104)
HSDP3
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

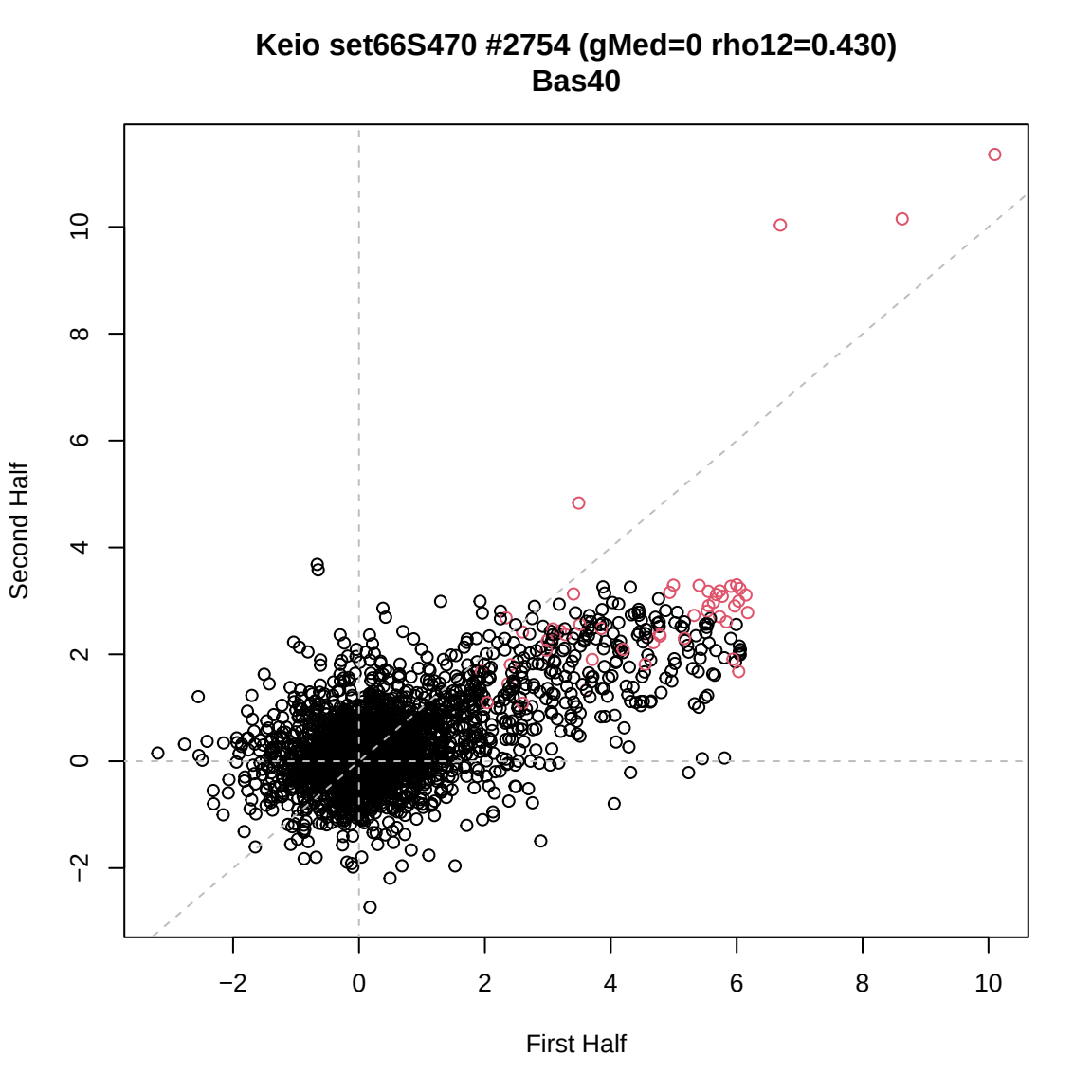

Keio set66S465 #2749 (gMed=0 rho12=0.468)
LZ3
Second Half
First Half
0
5
10
0
5
10

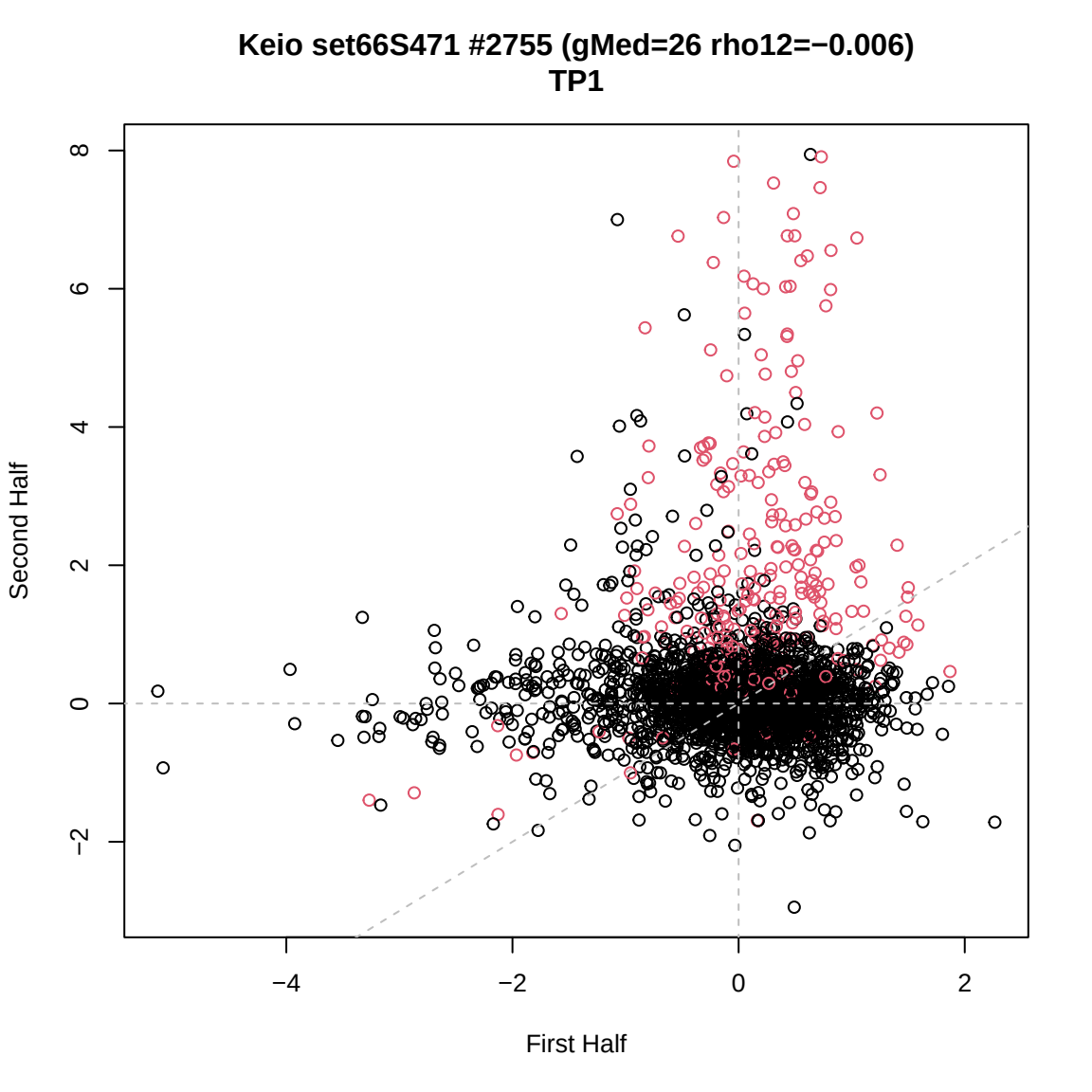

Keio set66S466 #2750 (gMed=0 rho12=0.481)
LZ3
Second Half
First Half
15
10
5
0
0
5
10

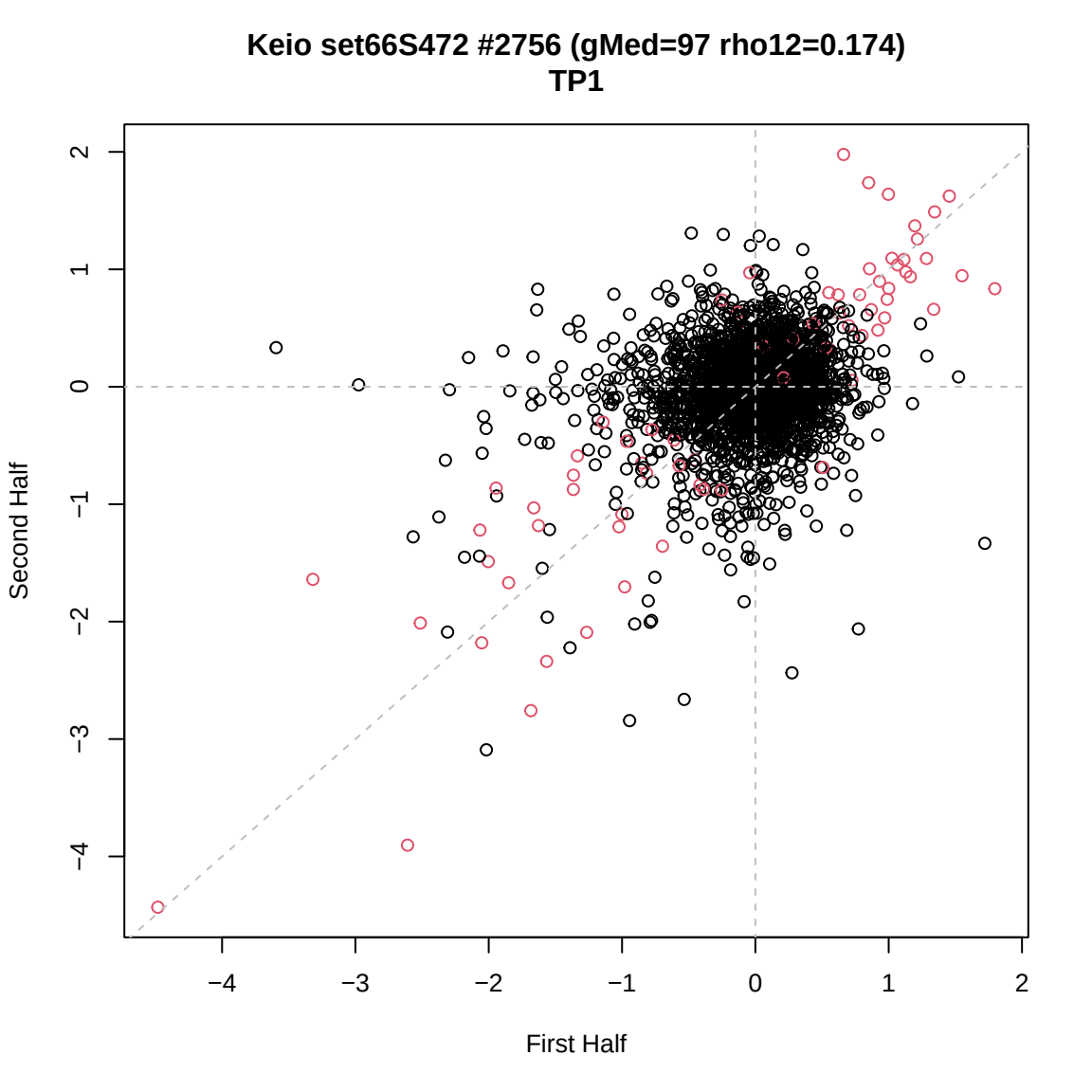

Keio set66S467 #2751 (gMed=0 rho12=0.437)
RB38
Second Half
First Half
3
2
1
0
−1
−2
−2
0
2
4
6

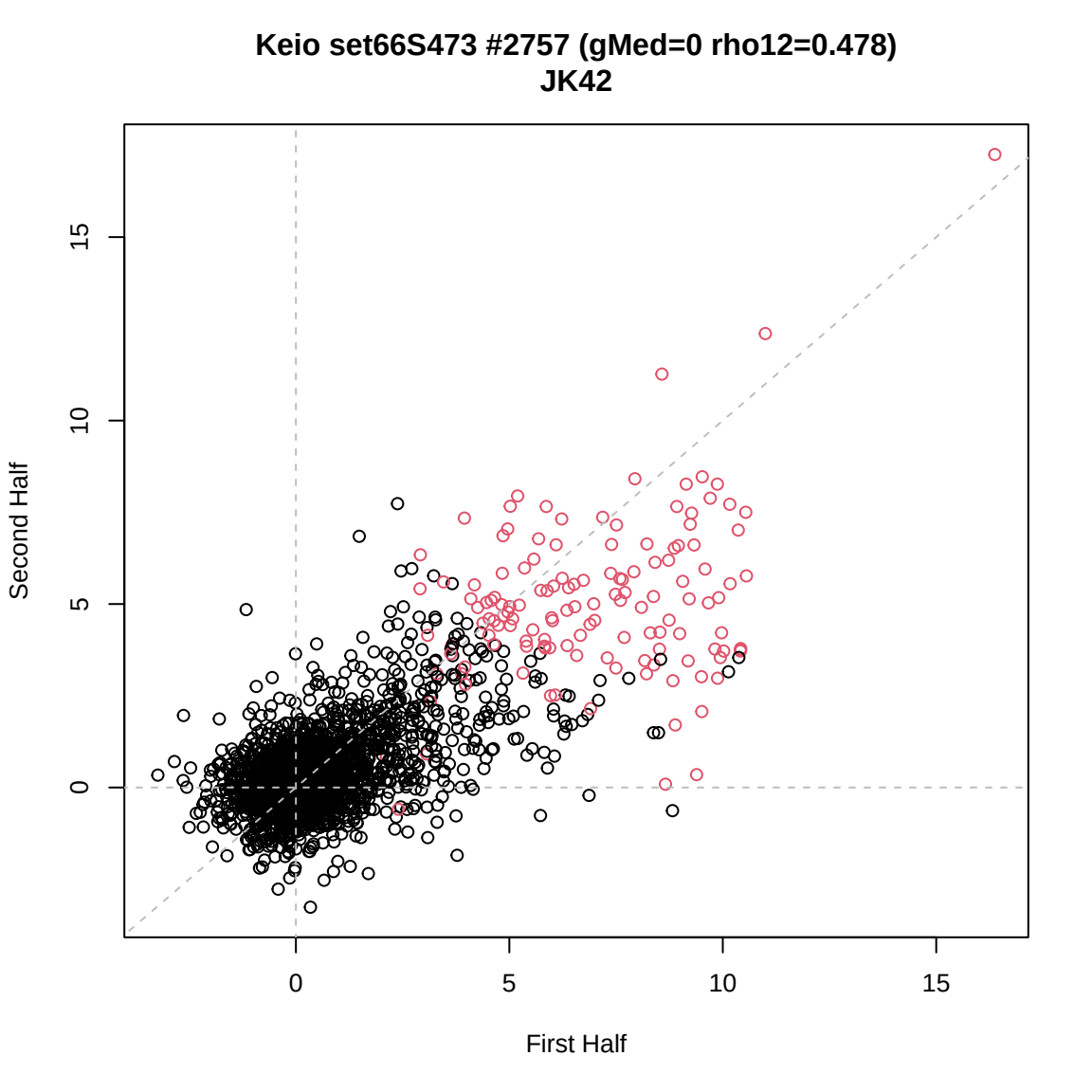

Keio set66S468 #2752 (gMed=0 rho12=0.442)
RB38
Second Half
First Half
4
2
0
−2
−2
−1
0
1
2
3

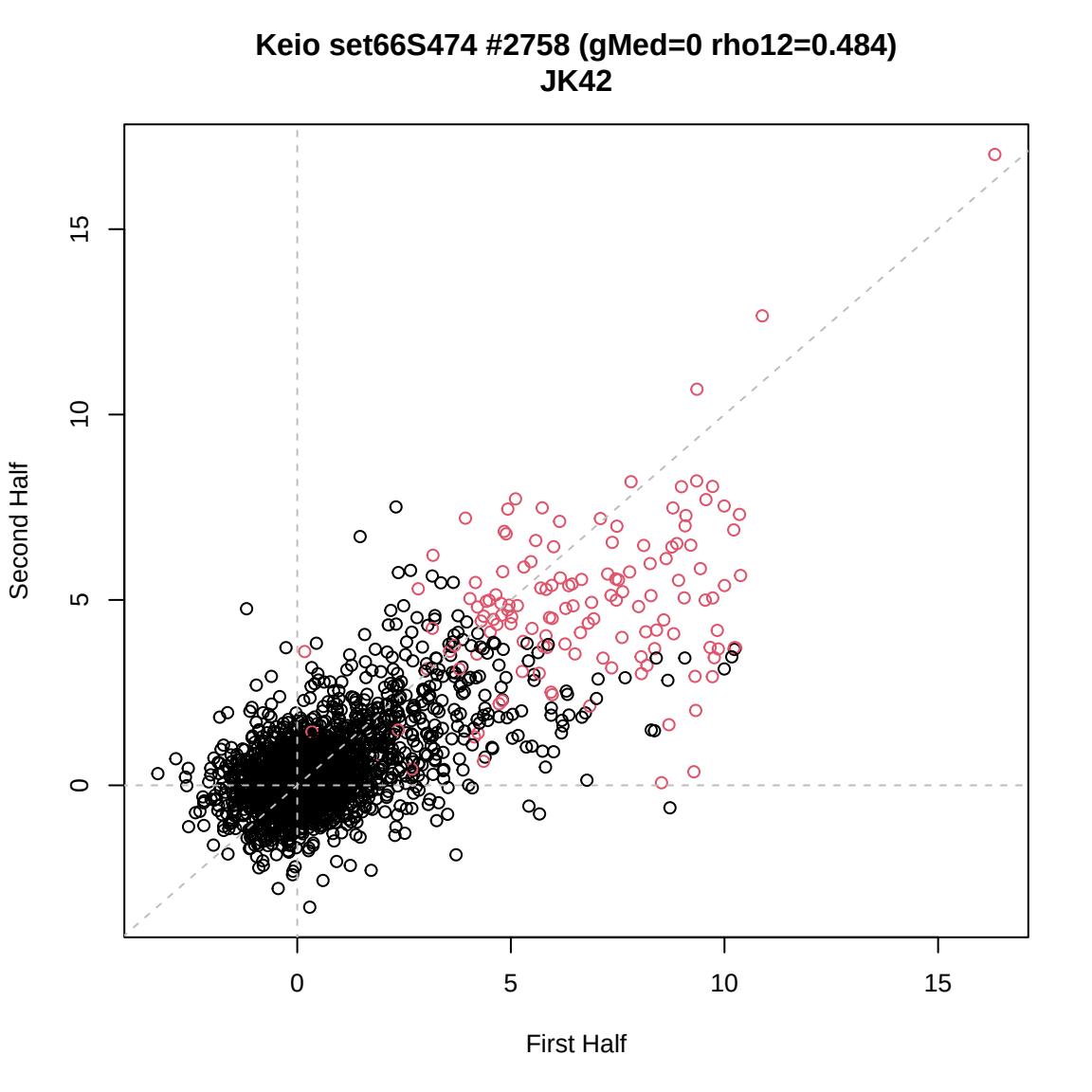

Keio set66S469 #2753 (gMed=0 rho12=0.410)
Bas40
Second Half
First Half
0
5
10
0
5
10

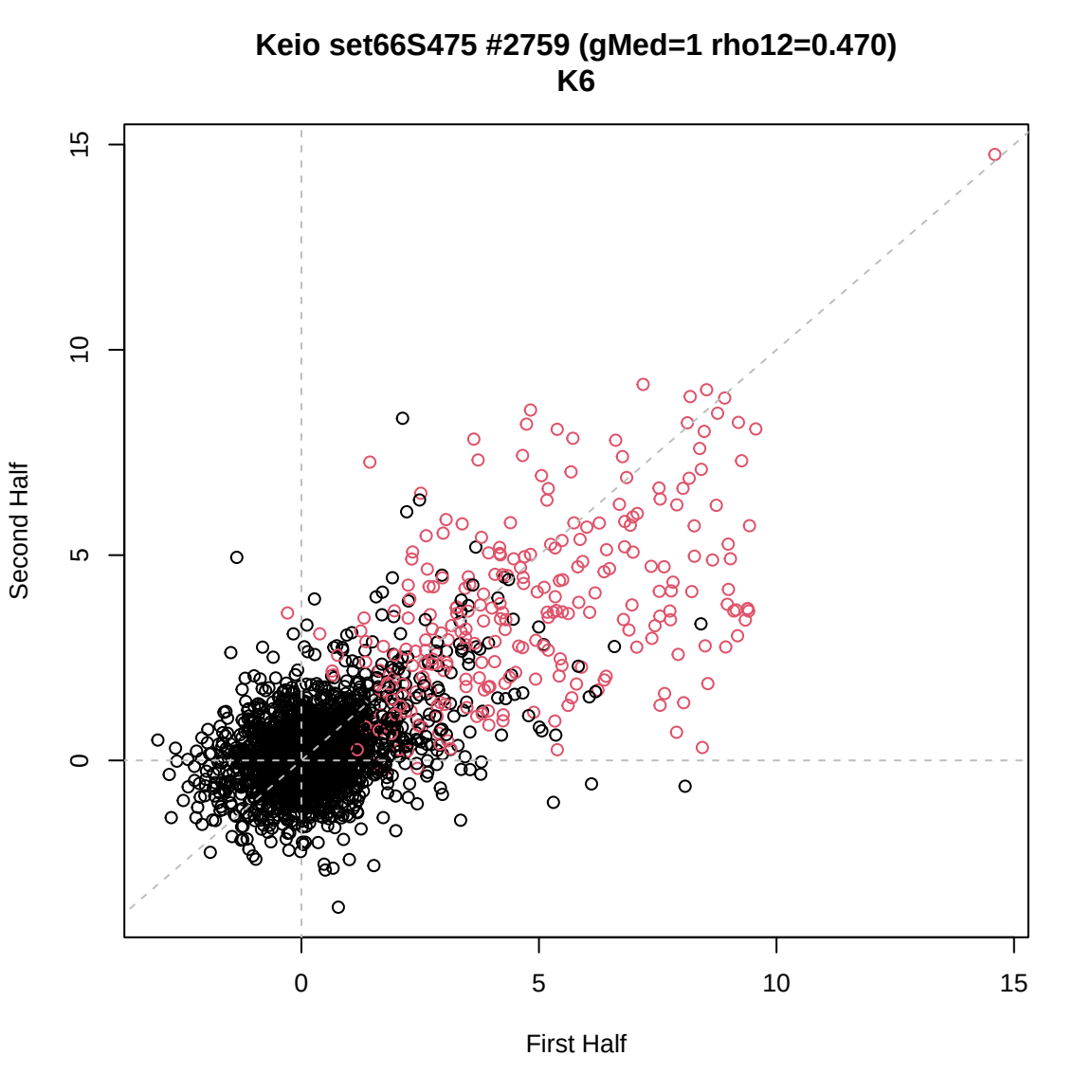

Keio set66S470 #2754 (gMed=0 rho12=0.430)
Bas40
Second Half
First Half
−2
0
2
4
6
8
10

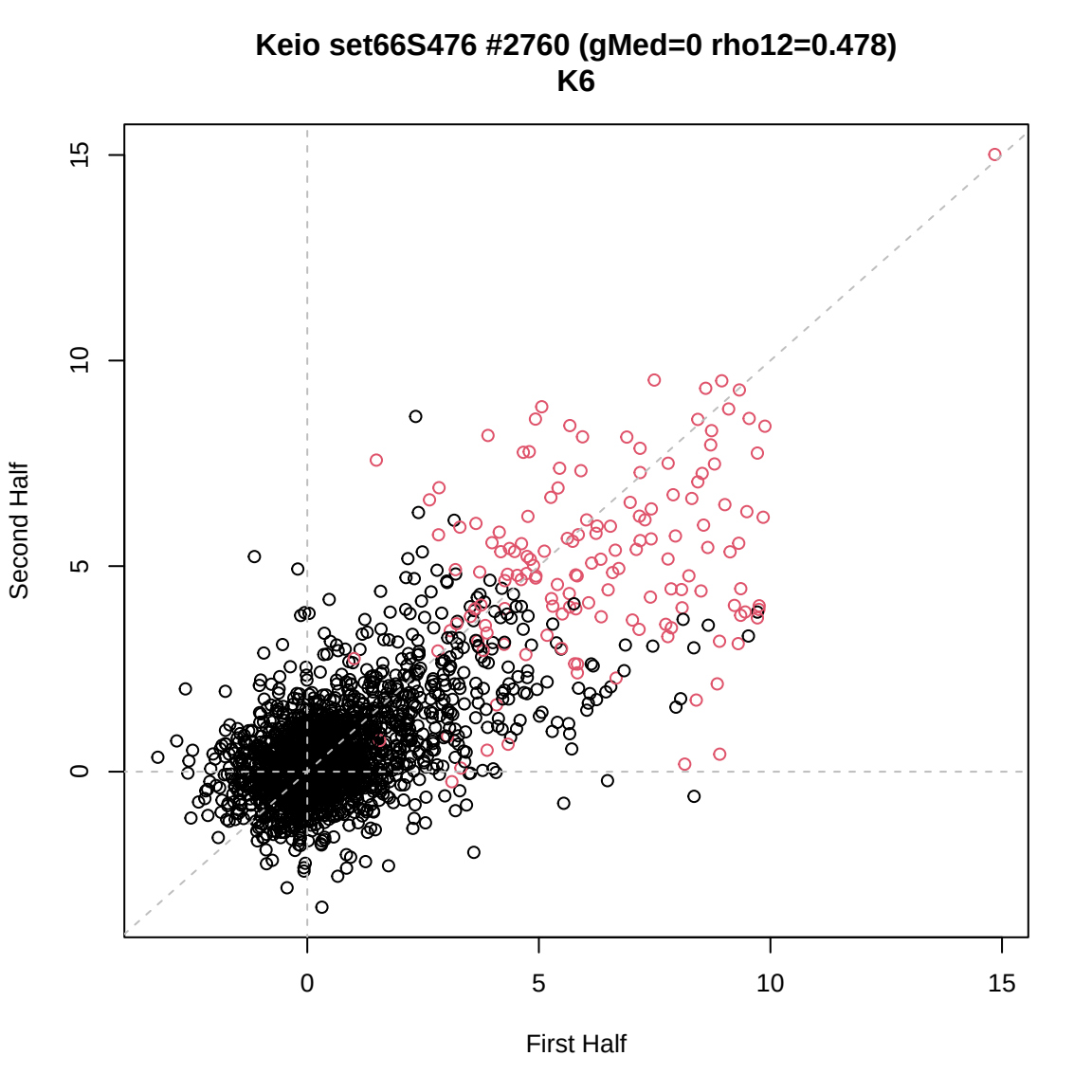

Keio set66S471 #2755 (gMed=26 rho12=−0.006)
TP1
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2

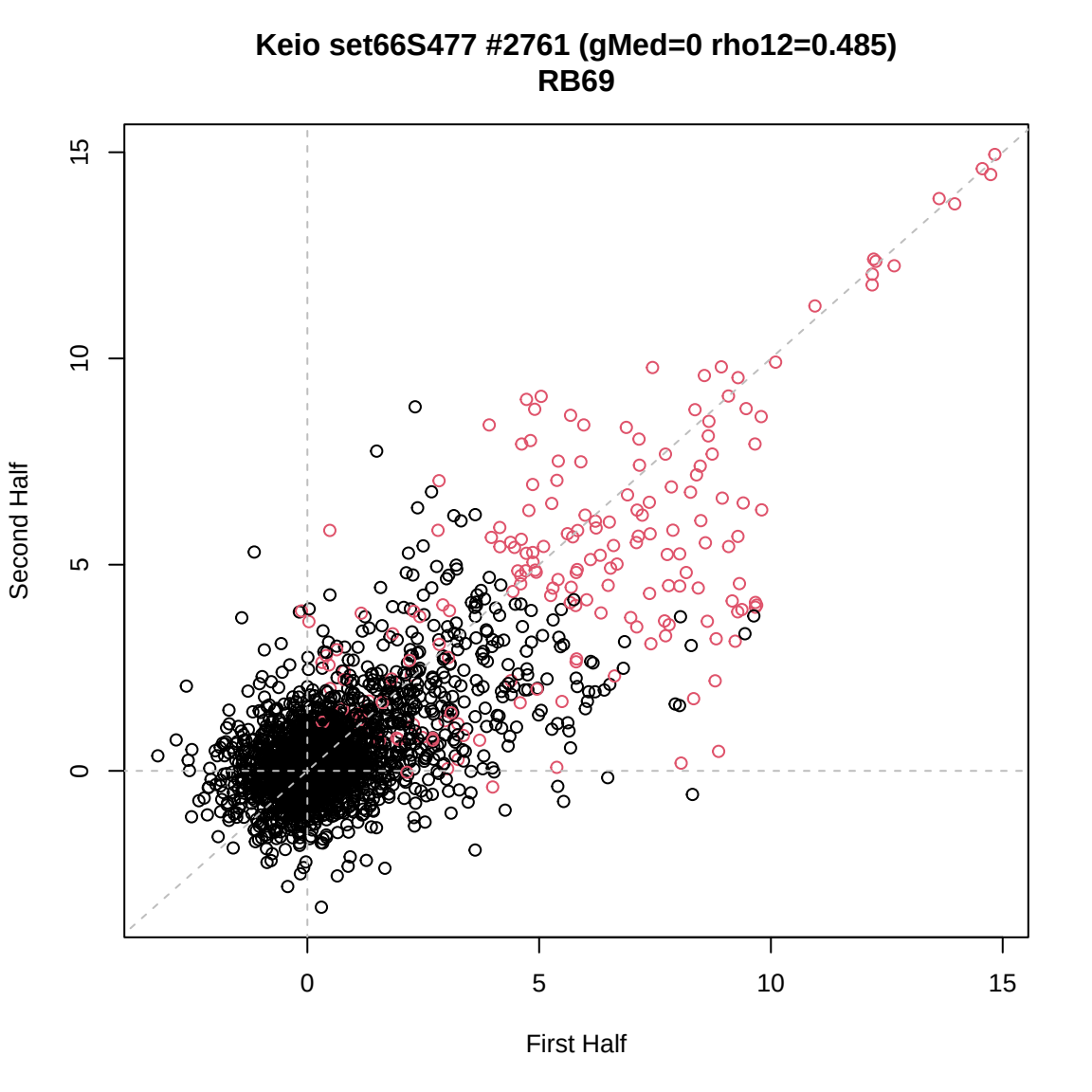

Keio set66S472 #2756 (gMed=97 rho12=0.174)
TP1
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

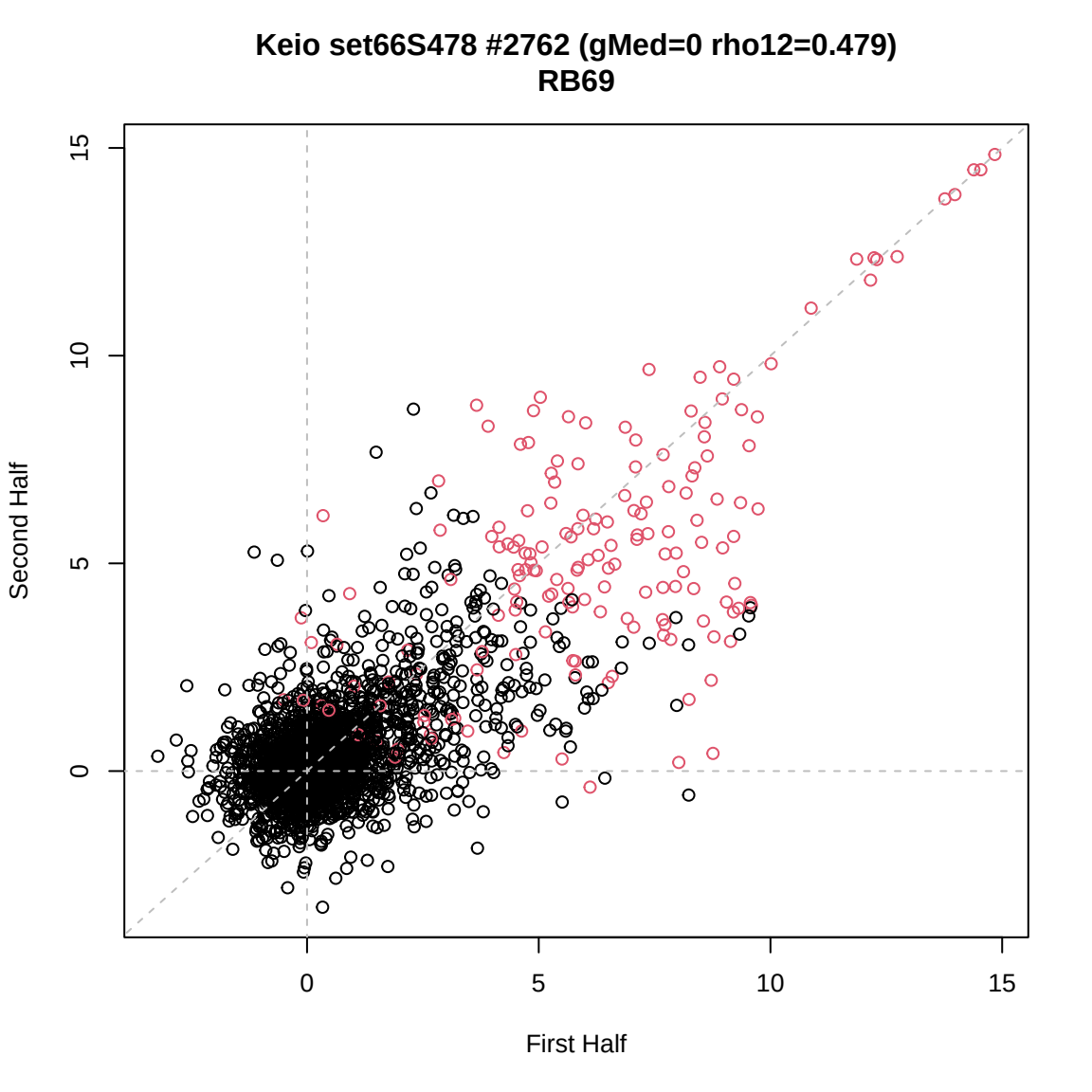

Keio set66S473 #2757 (gMed=0 rho12=0.478)
JK42
Second Half
First Half
0
5
10
15

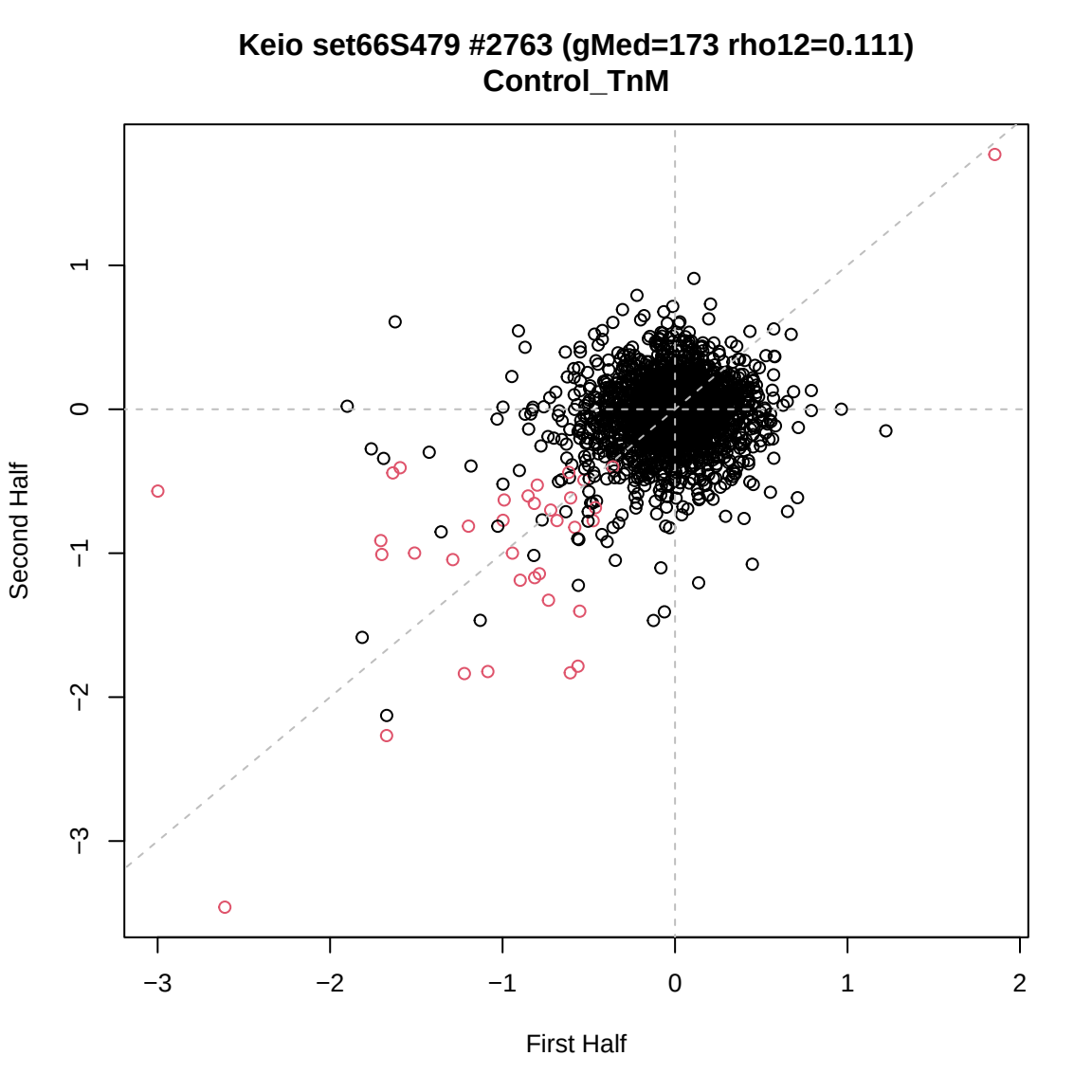

Keio set66S474 #2758 (gMed=0 rho12=0.484)
JK42
Second Half
First Half
0
5
10
15

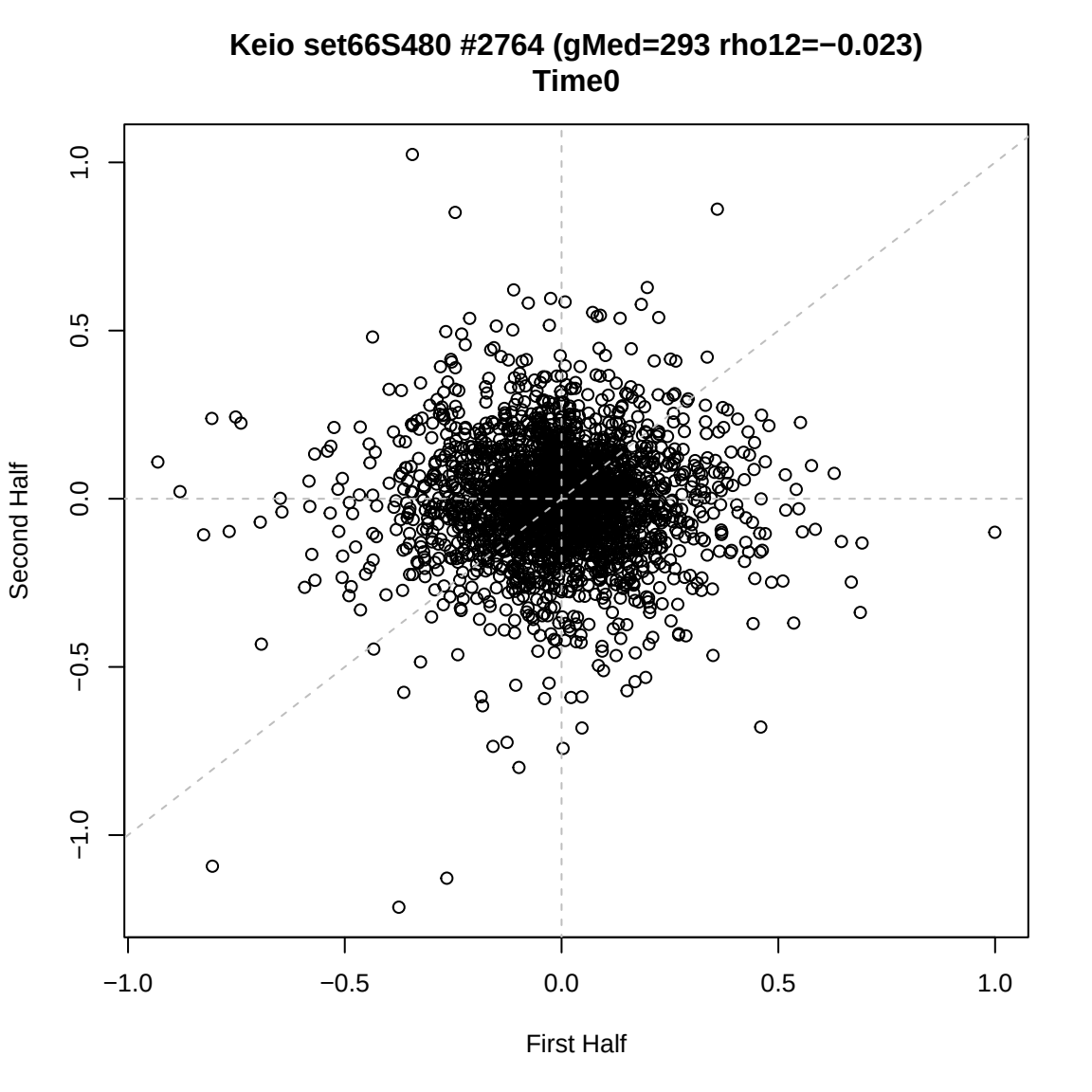

Keio set66S475 #2759 (gMed=1 rho12=0.470)
K6
Second Half
First Half
0
5
10
15

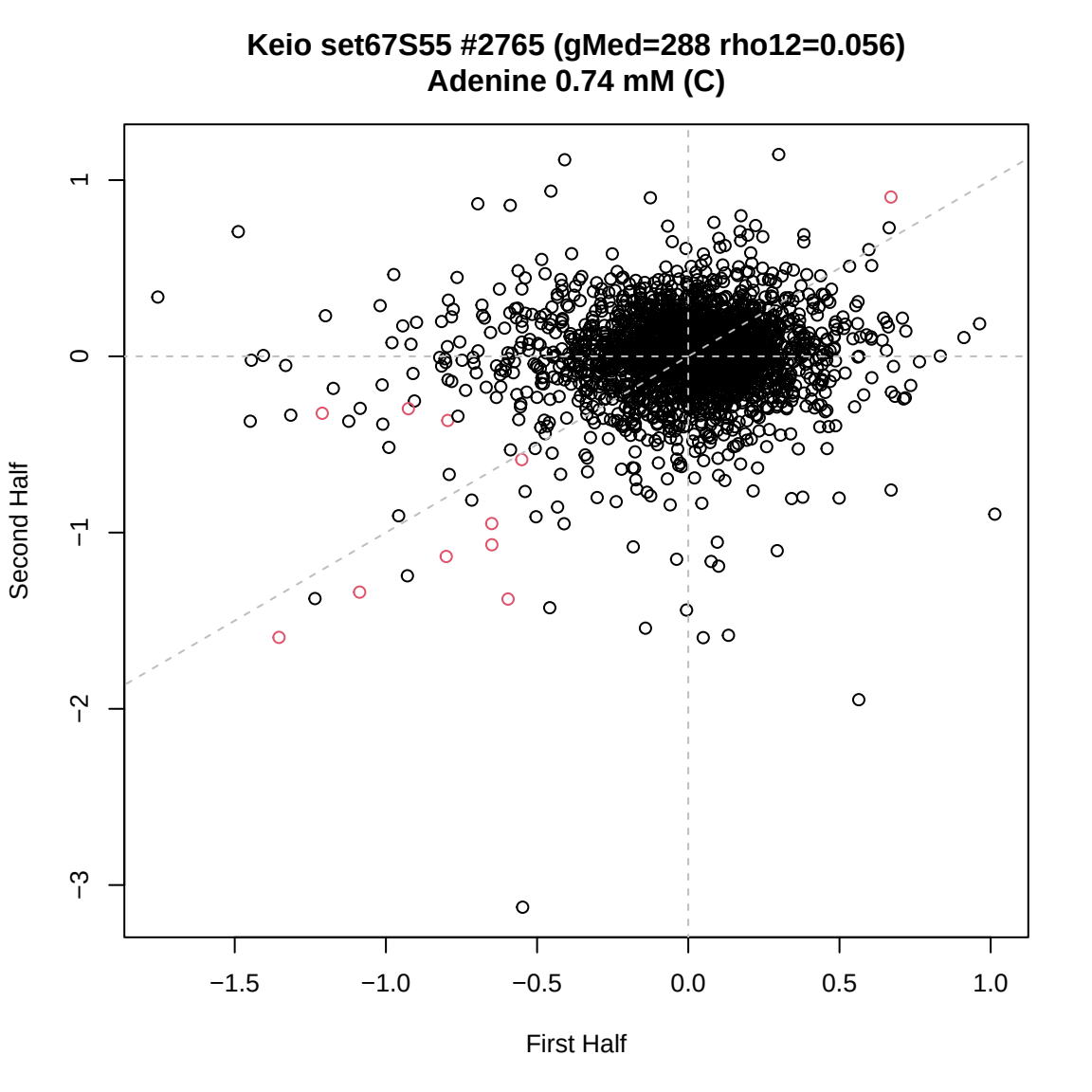

Keio set66S476 #2760 (gMed=0 rho12=0.478)
K6
Second Half
First Half
0
5
10
15

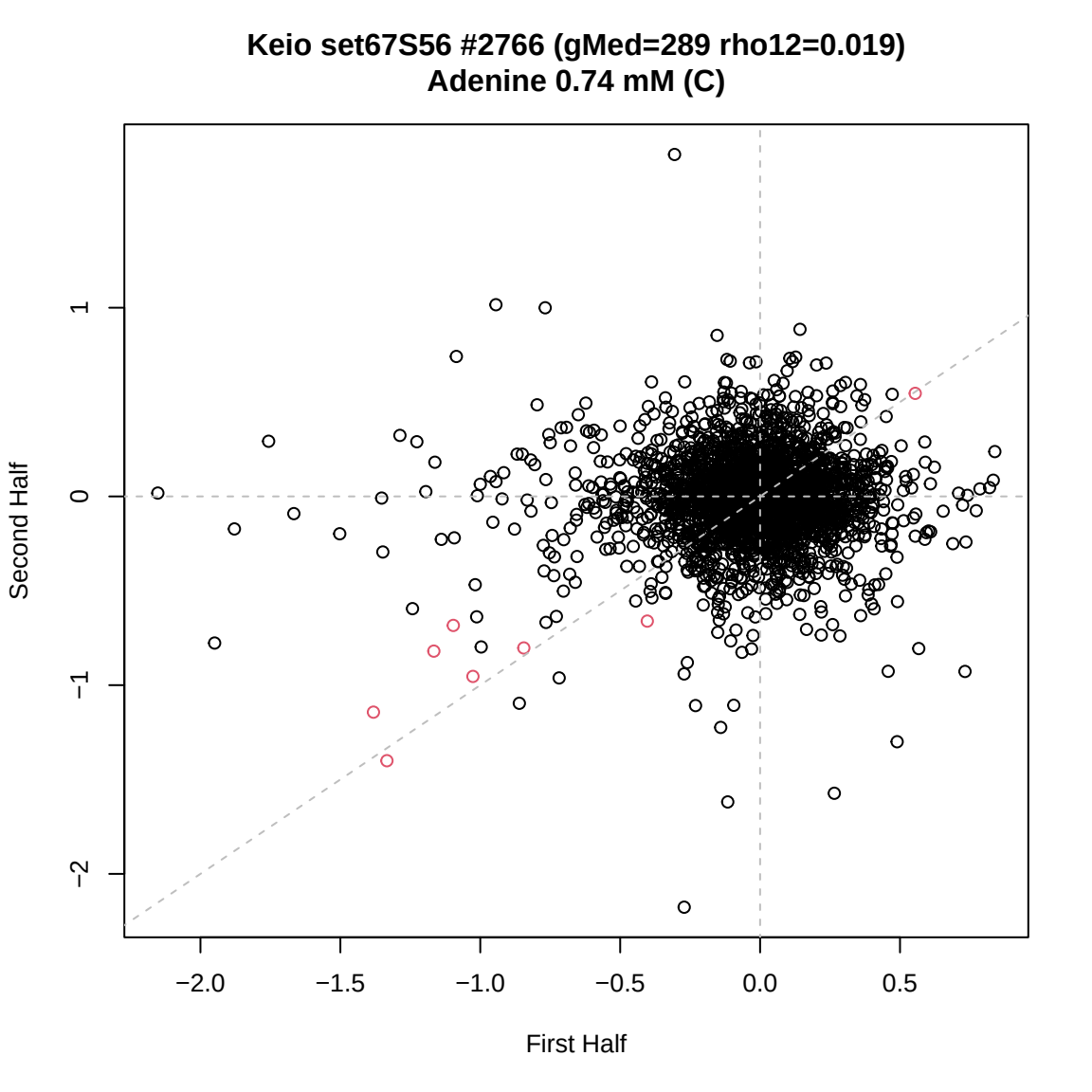

Keio set66S477 #2761 (gMed=0 rho12=0.485)
RB69
Second Half
First Half
0
5
10
15

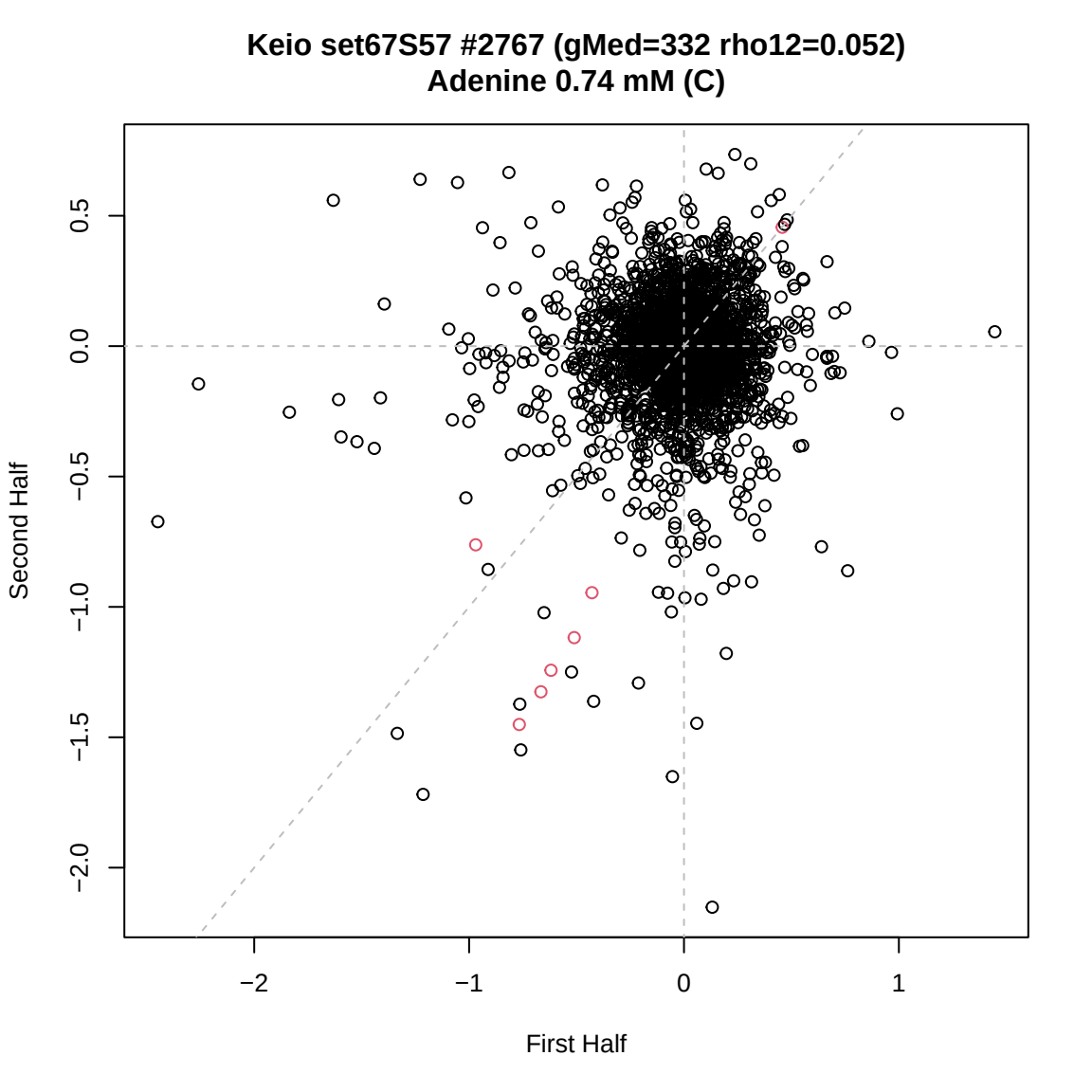

Keio set66S478 #2762 (gMed=0 rho12=0.479)
RB69
Second Half
First Half
0
5
10
15

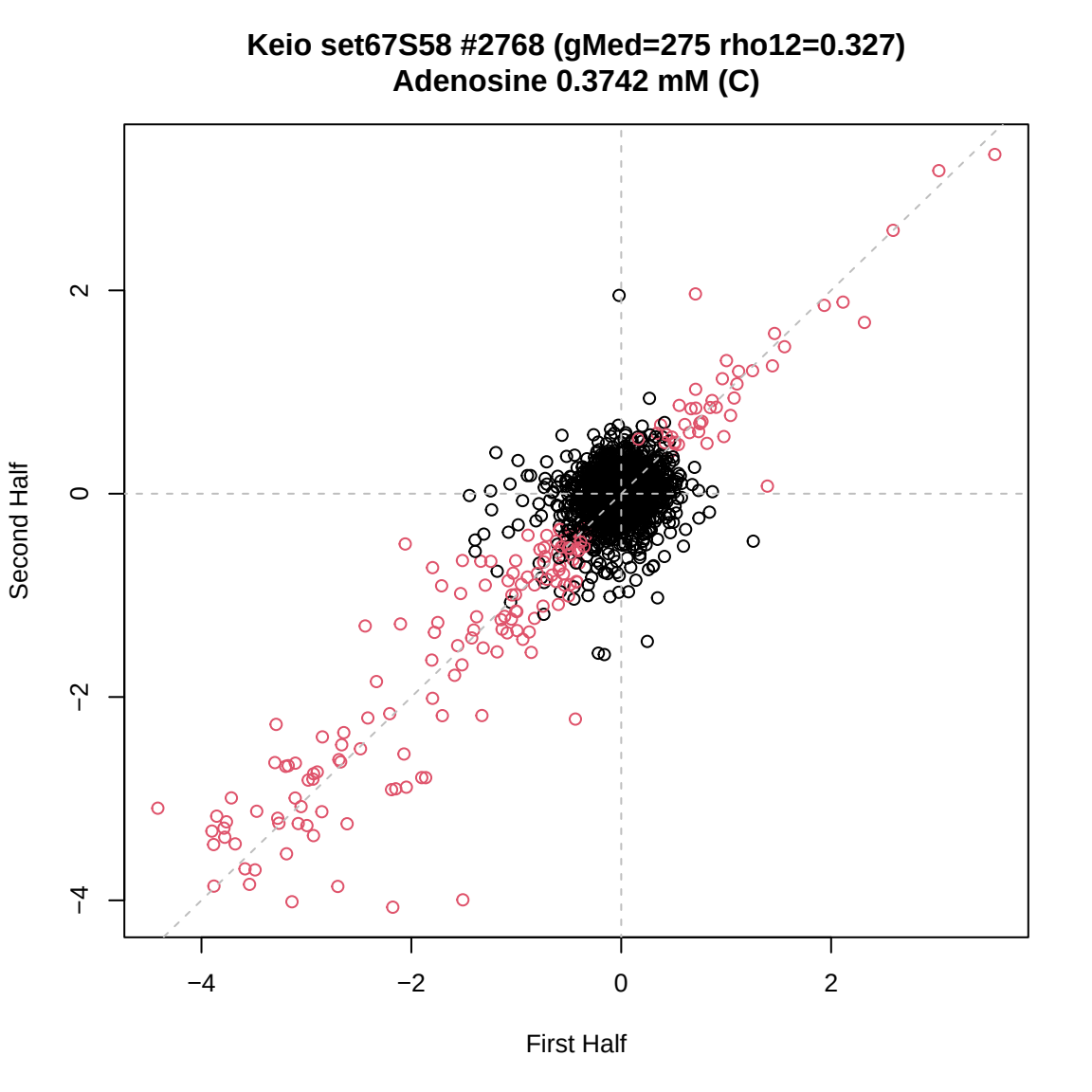

Keio set66S479 #2763 (gMed=173 rho12=0.111)
Control_TnM
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

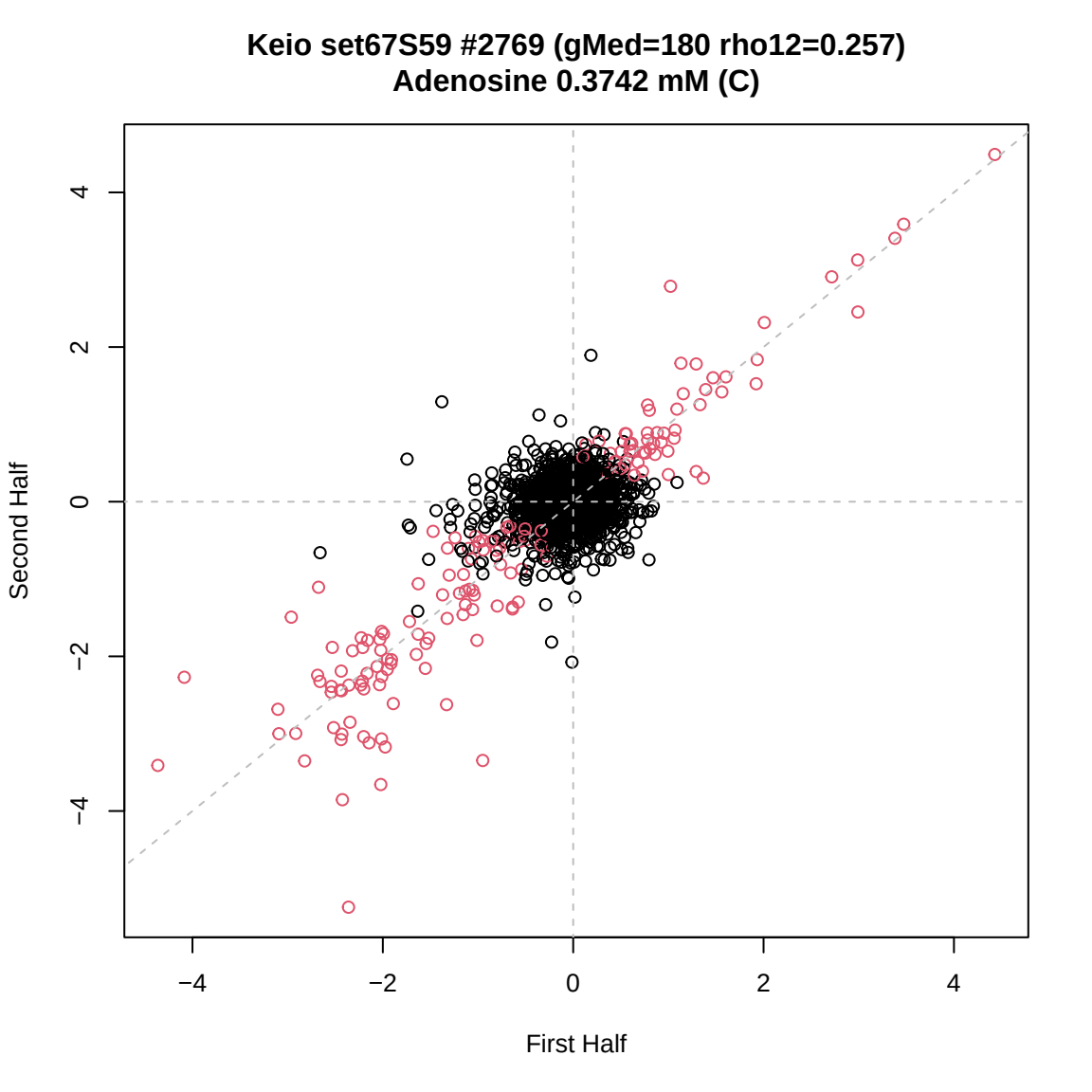

Keio set66S480 #2764 (gMed=293 rho12=−0.023)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

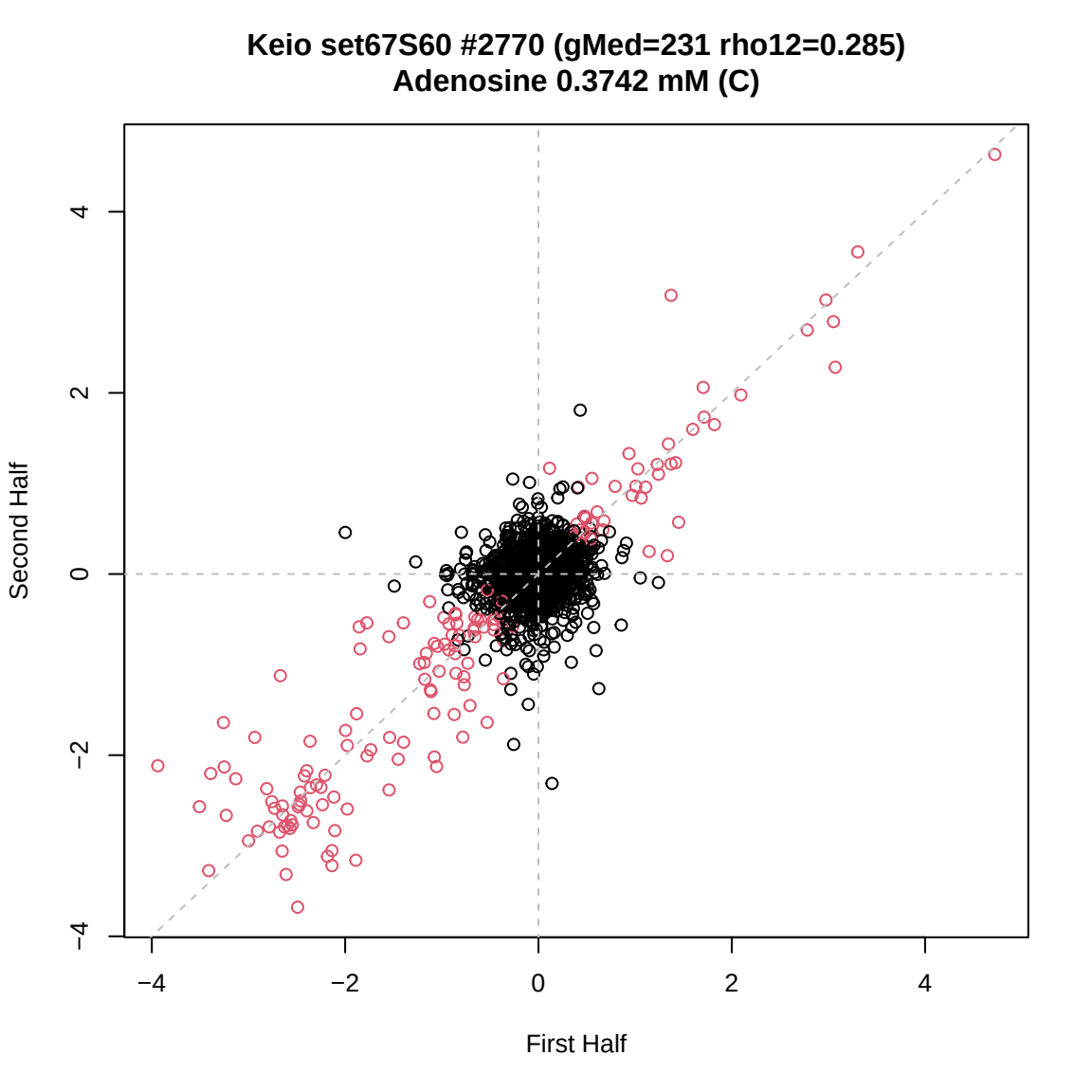

Keio set67S55 #2765 (gMed=288 rho12=0.056)
Adenine 0.74 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−1.5
−1.0
−0.5
0.0
0.5
1.0

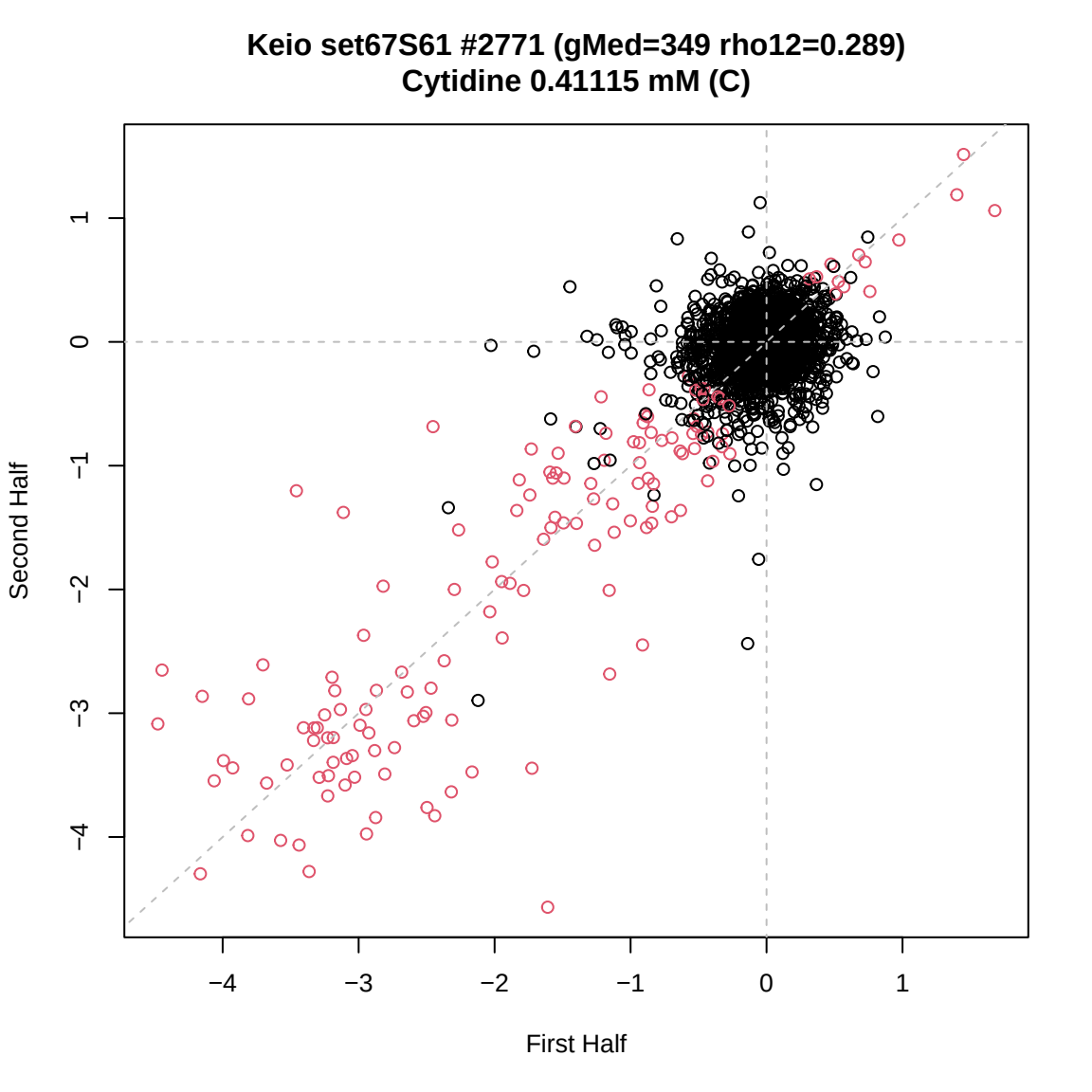

Keio set67S56 #2766 (gMed=289 rho12=0.019)
Adenine 0.74 mM (C)
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5

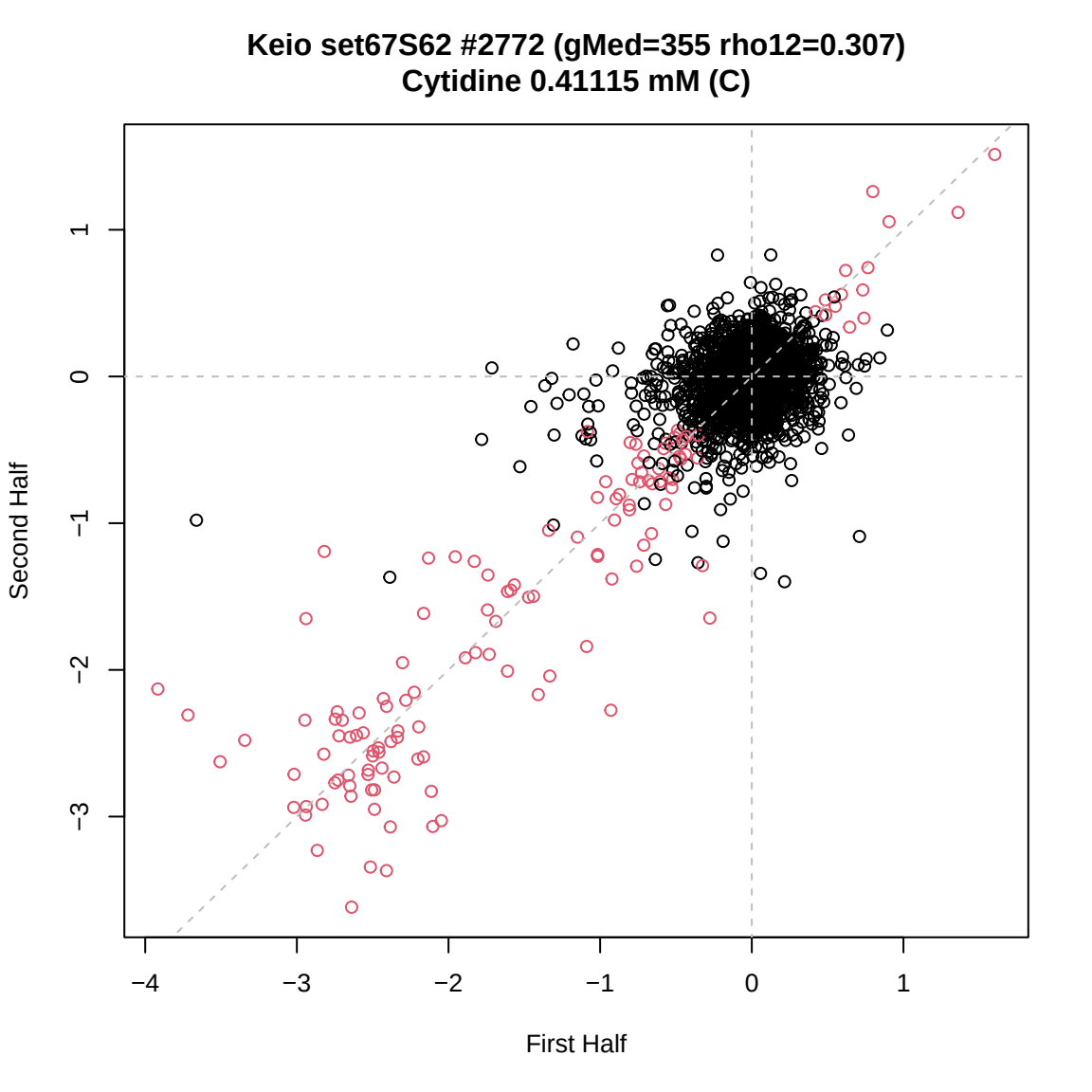

Keio set67S57 #2767 (gMed=332 rho12=0.052)
Adenine 0.74 mM (C)
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

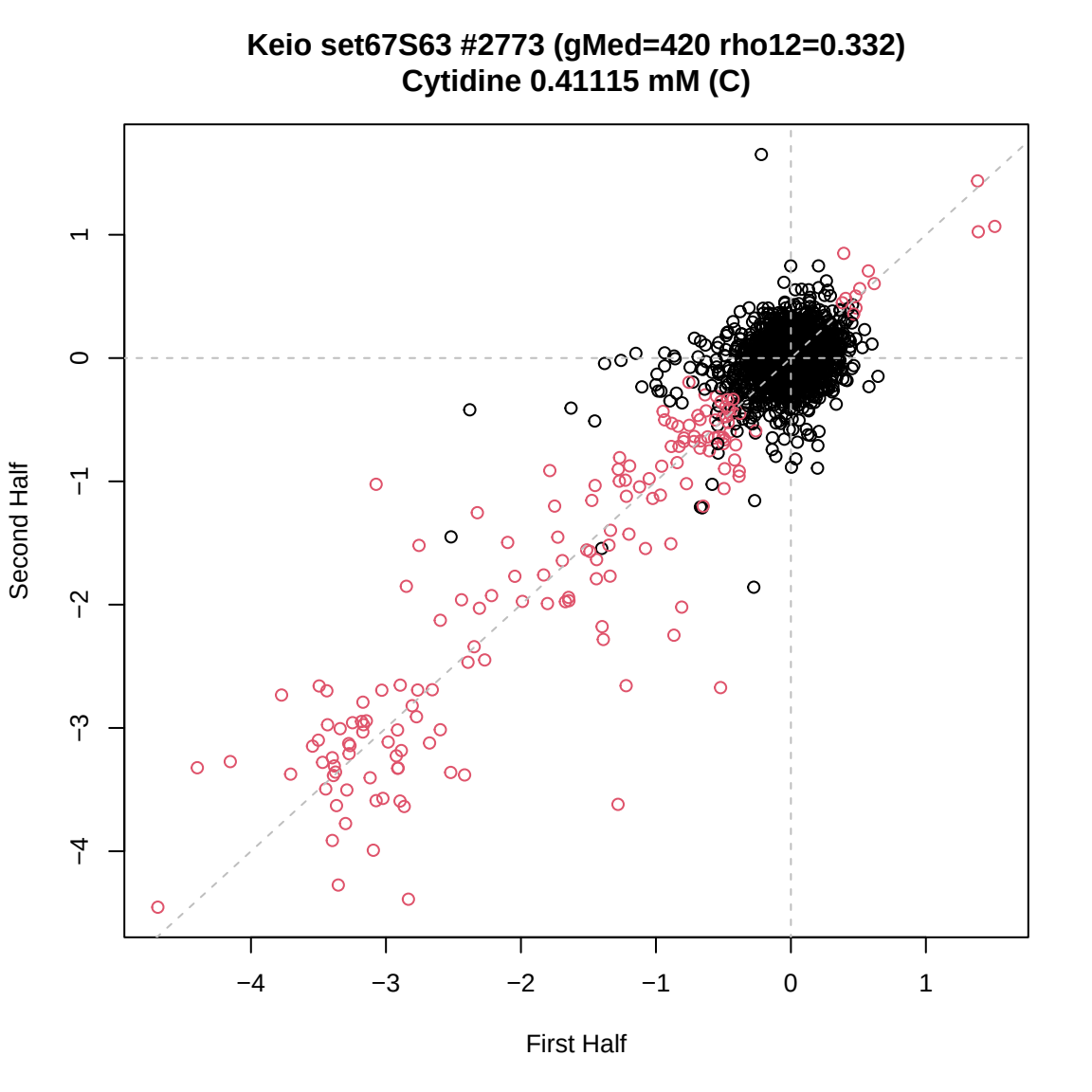

Keio set67S58 #2768 (gMed=275 rho12=0.327)
Adenosine 0.3742 mM (C)
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

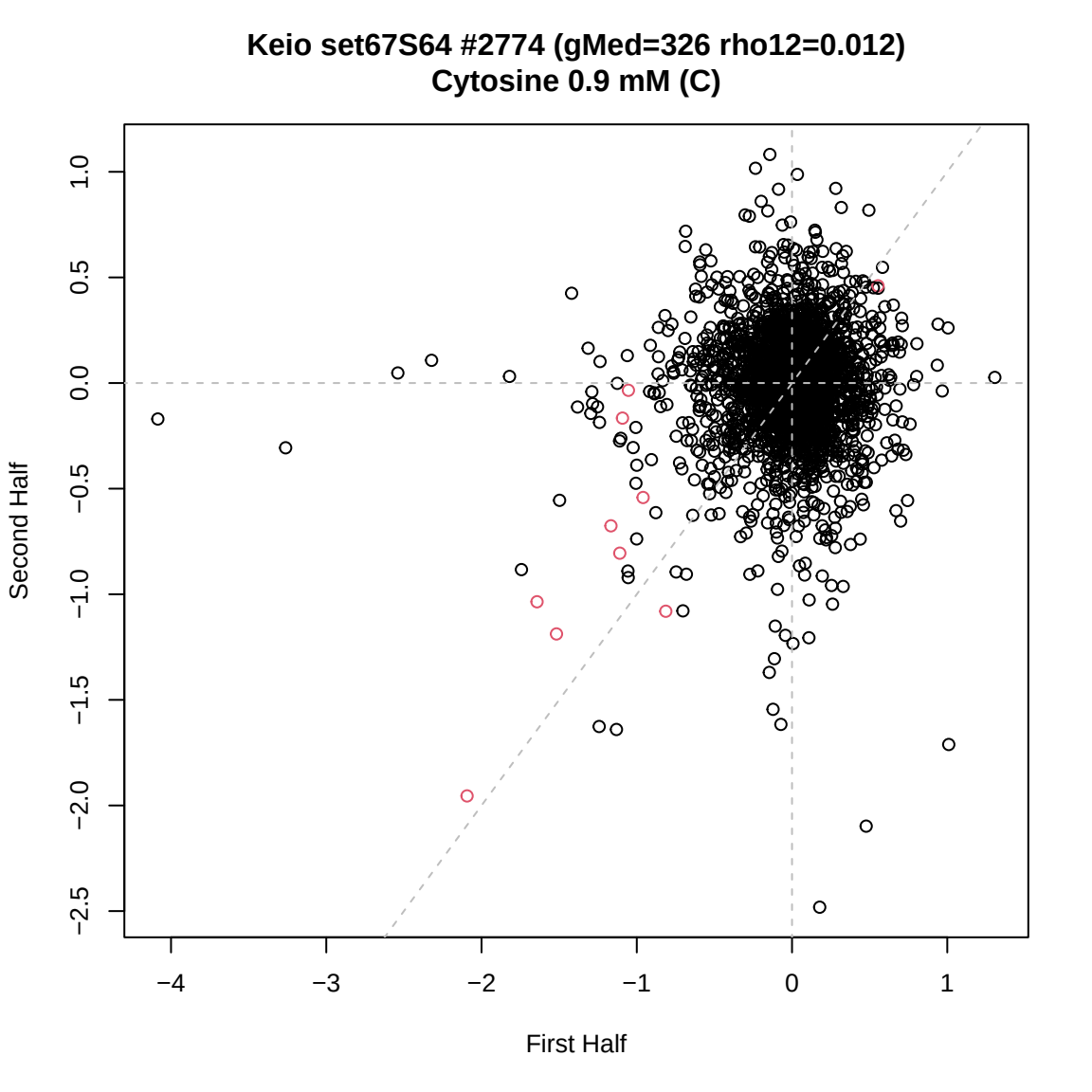

Keio set67S59 #2769 (gMed=180 rho12=0.257)
Adenosine 0.3742 mM (C)
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

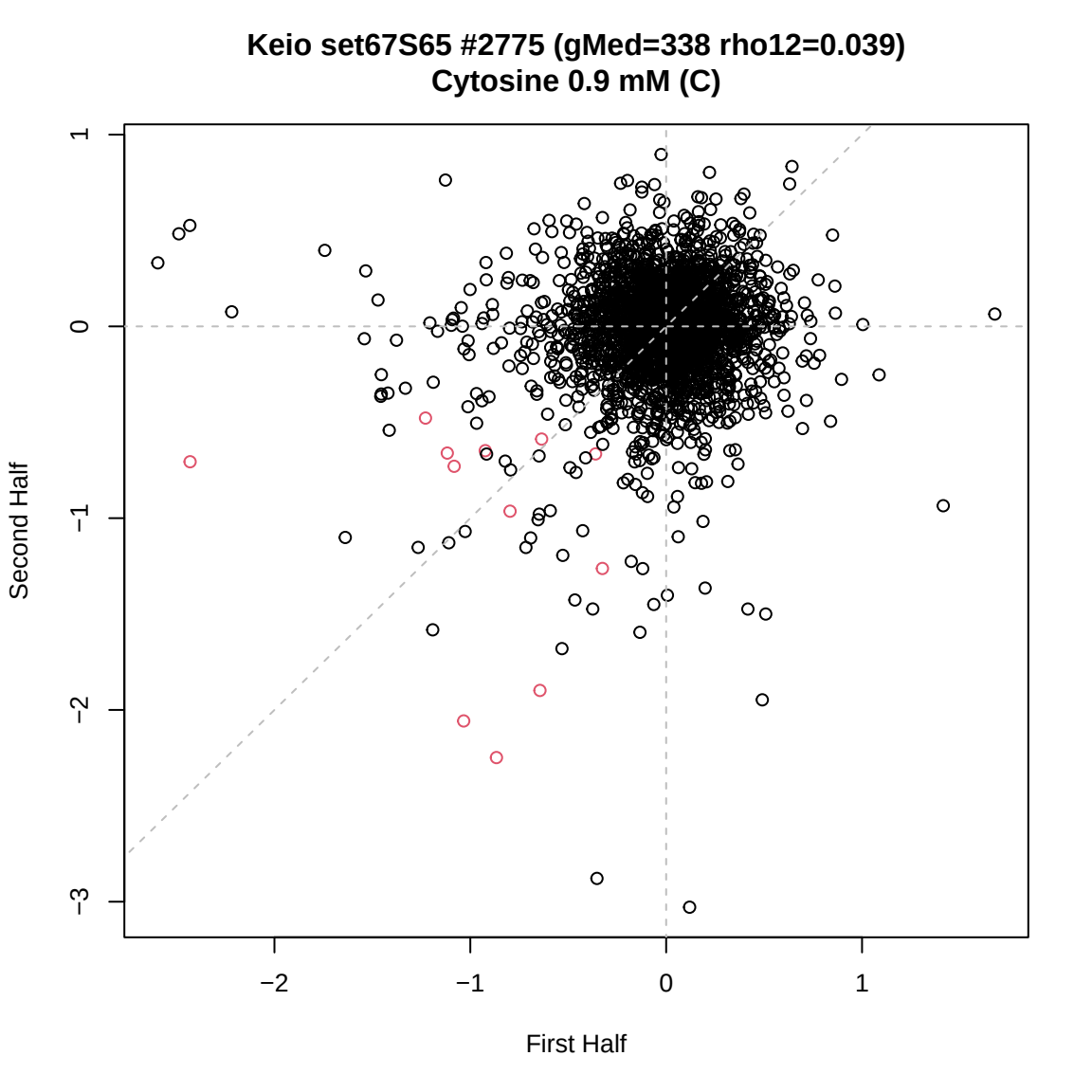

Keio set67S60 #2770 (gMed=231 rho12=0.285)
Adenosine 0.3742 mM (C)
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

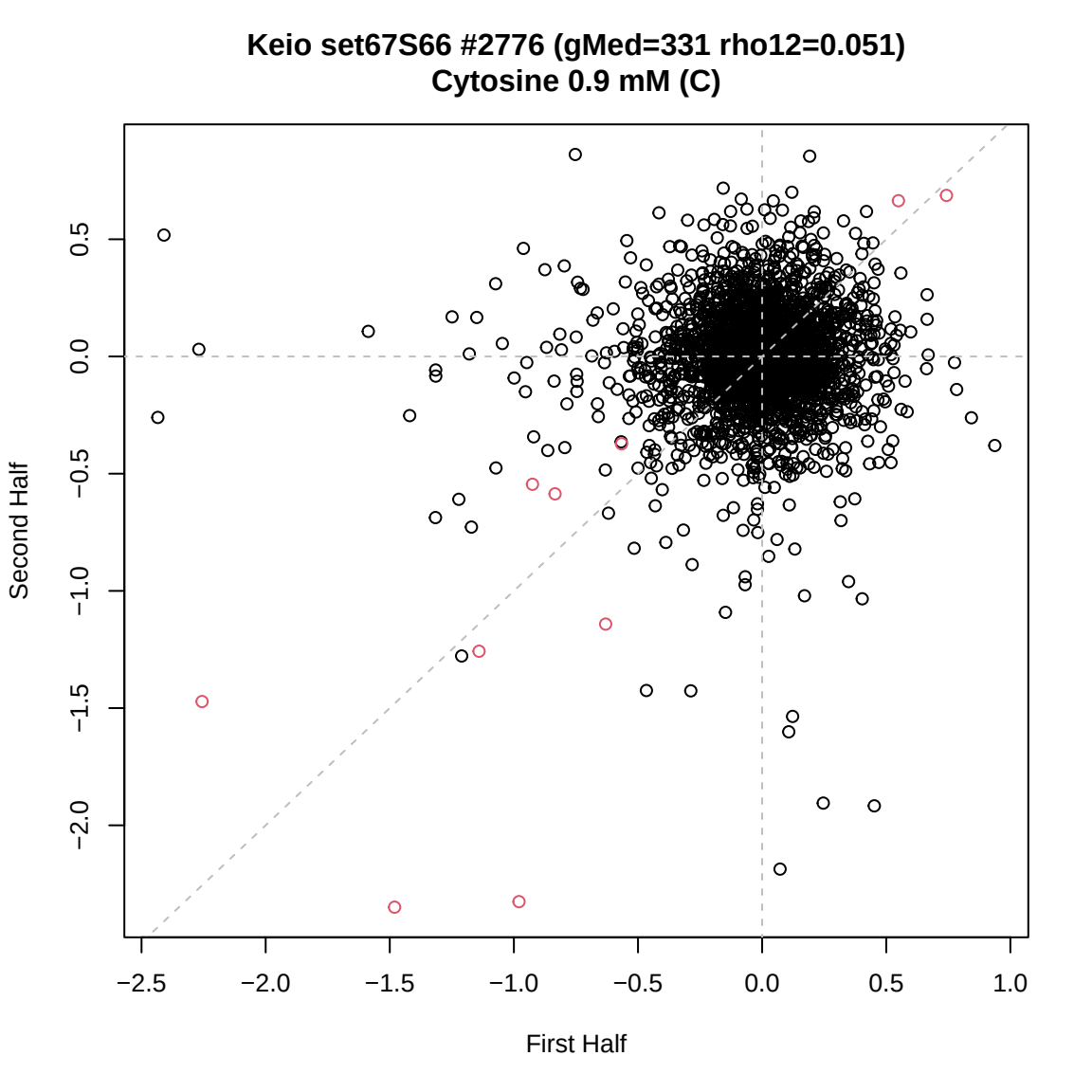

Keio set67S61 #2771 (gMed=349 rho12=0.289)
Cytidine 0.41115 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

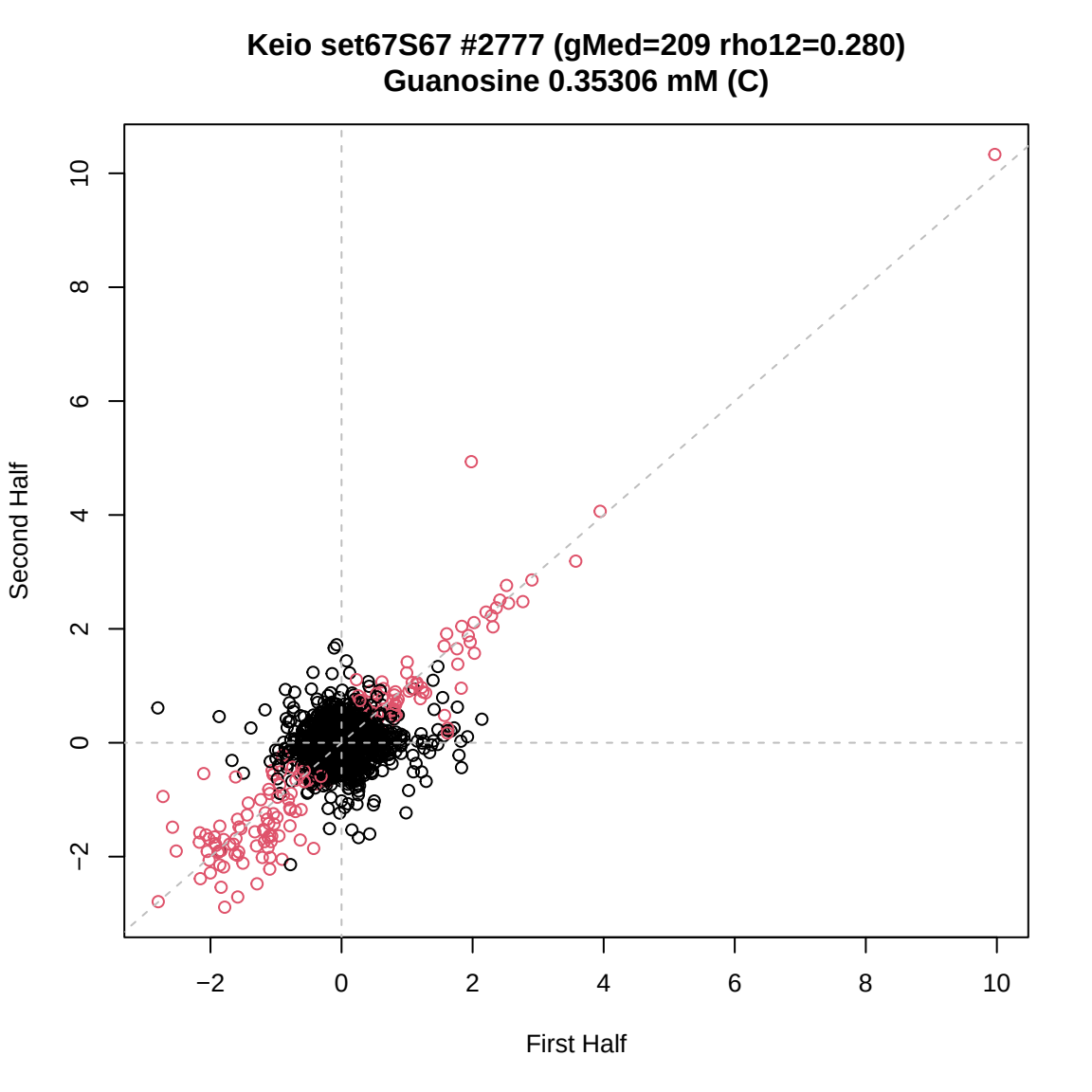

Keio set67S62 #2772 (gMed=355 rho12=0.307)
Cytidine 0.41115 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

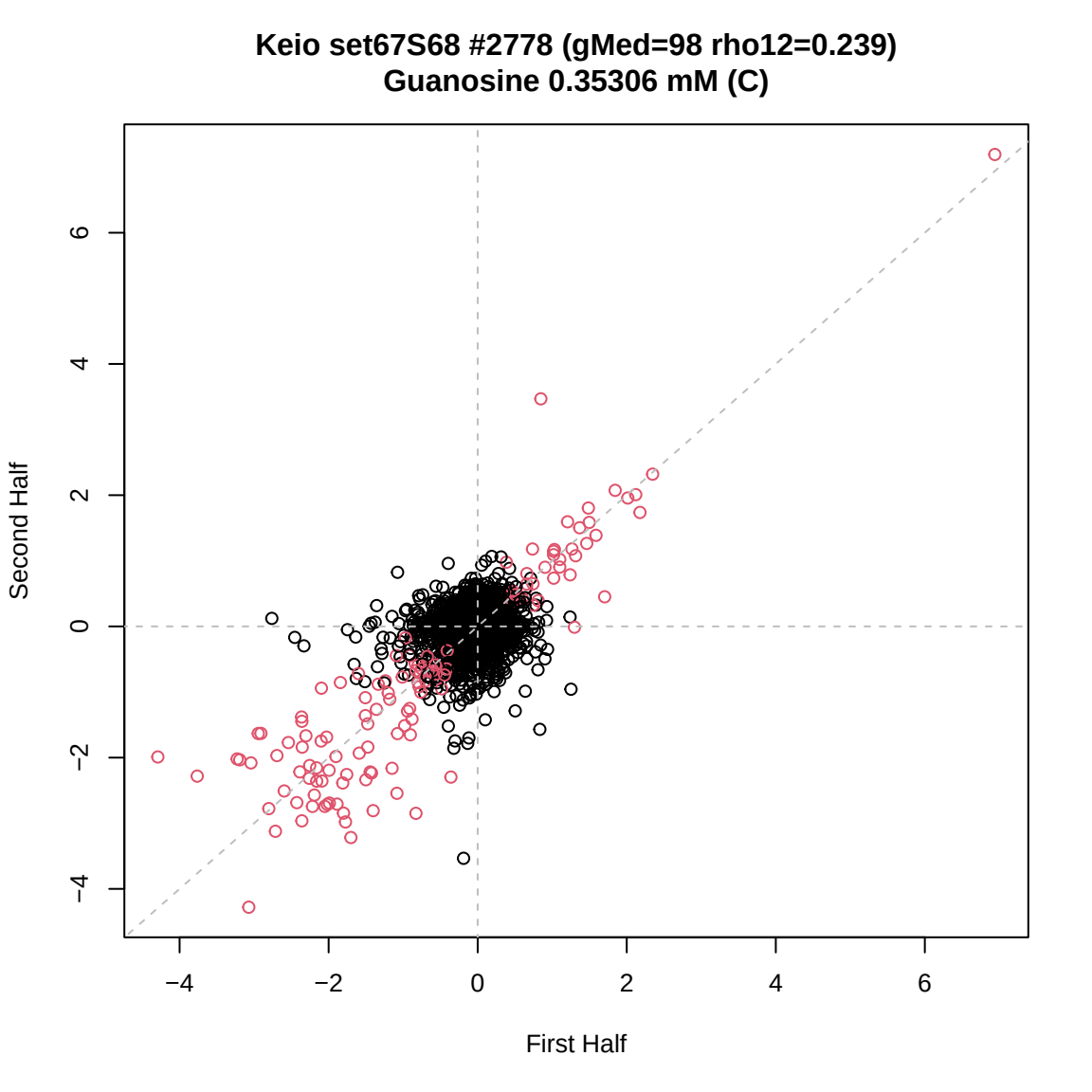

Keio set67S63 #2773 (gMed=420 rho12=0.332)
Cytidine 0.41115 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

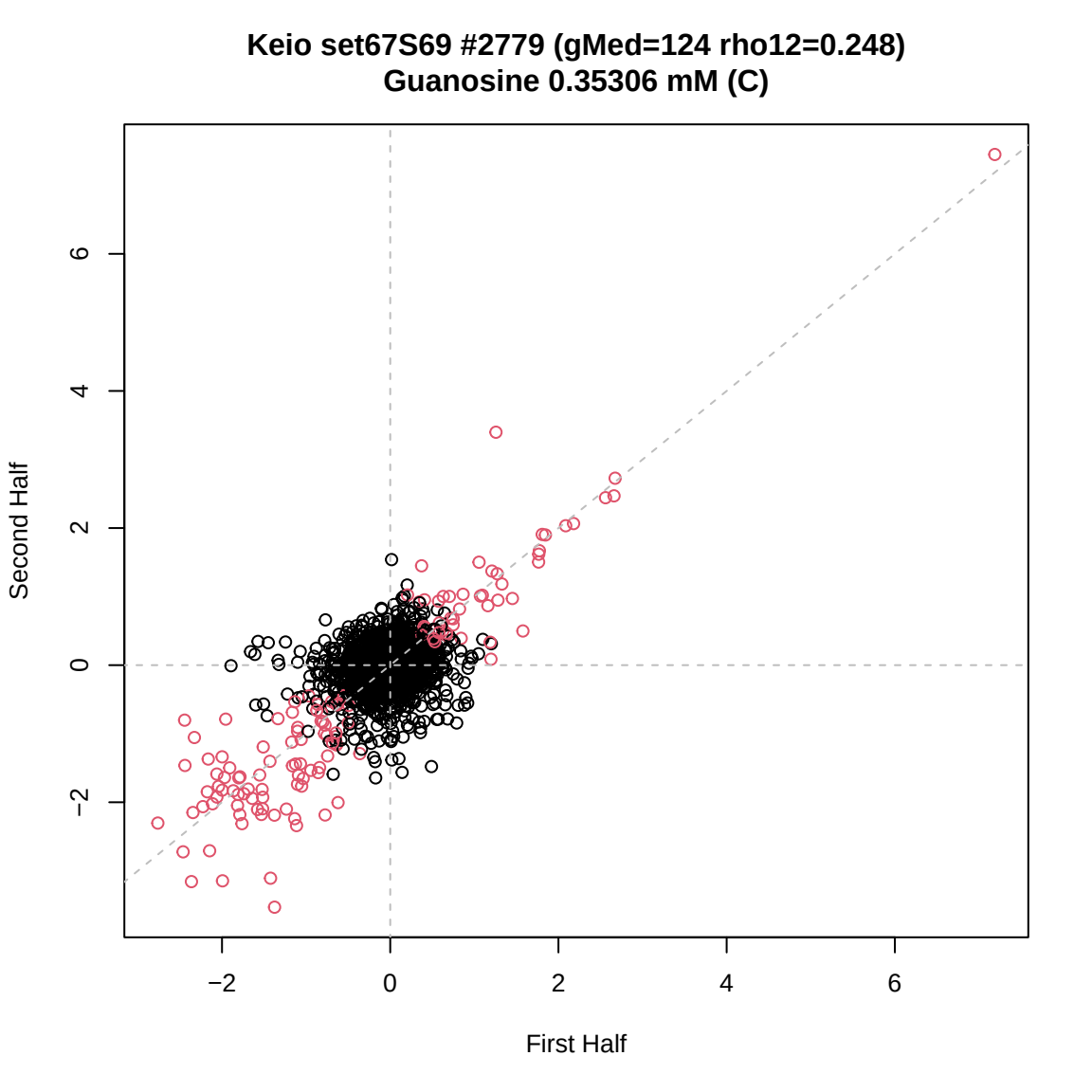

Keio set67S64 #2774 (gMed=326 rho12=0.012)
Cytosine 0.9 mM (C)
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−4
−3
−2
−1
0
1

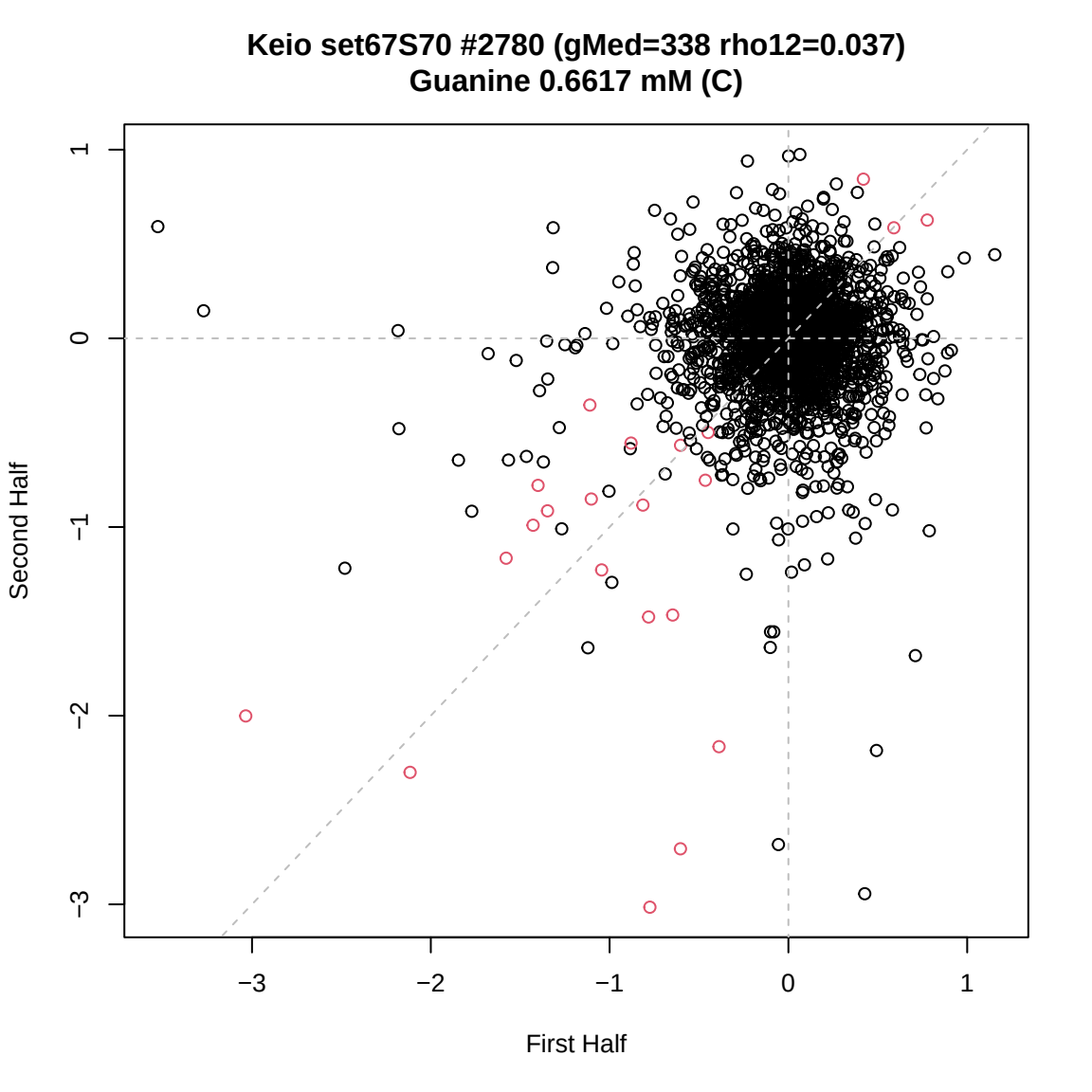

Keio set67S65 #2775 (gMed=338 rho12=0.039)
Cytosine 0.9 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

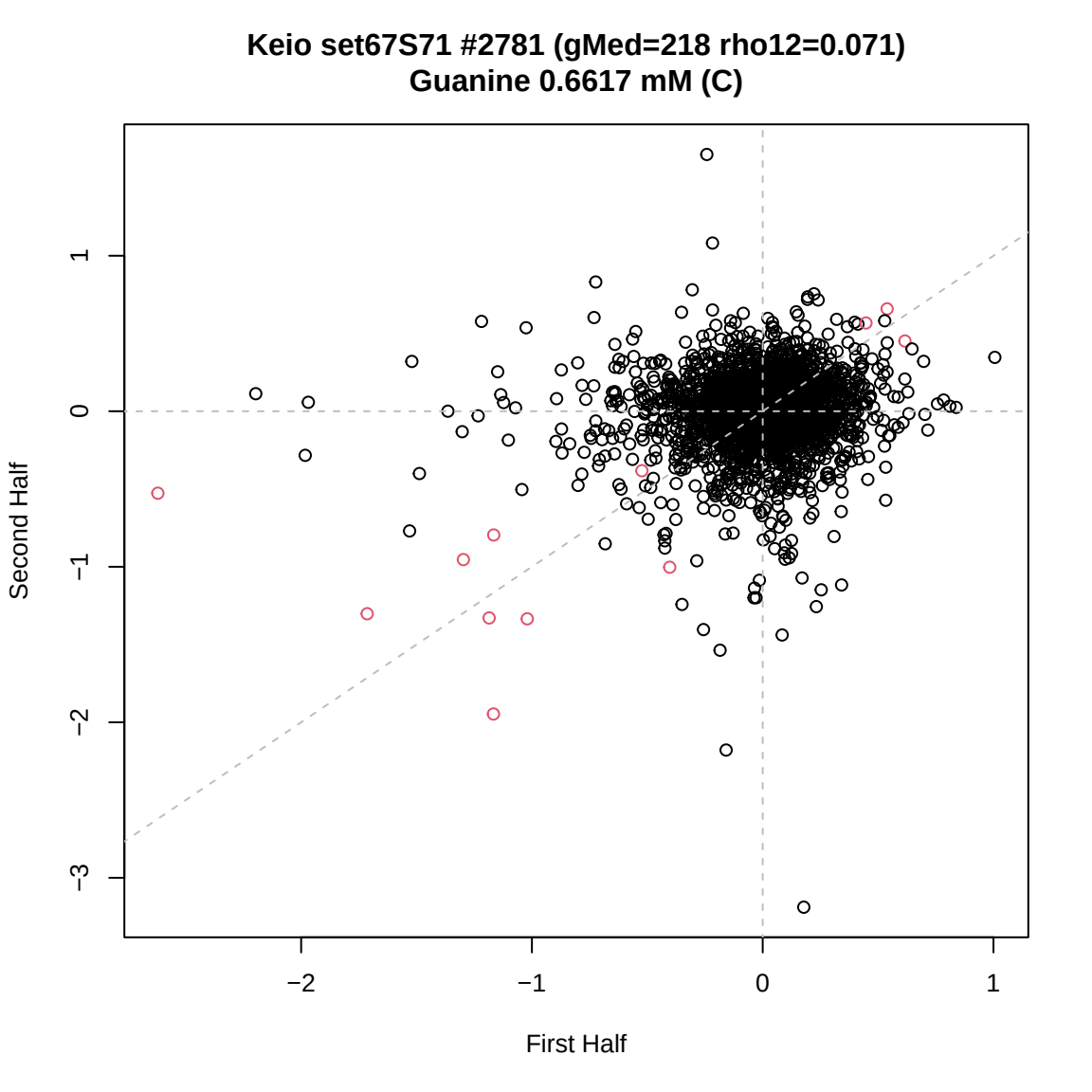

Keio set67S66 #2776 (gMed=331 rho12=0.051)
Cytosine 0.9 mM (C)
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

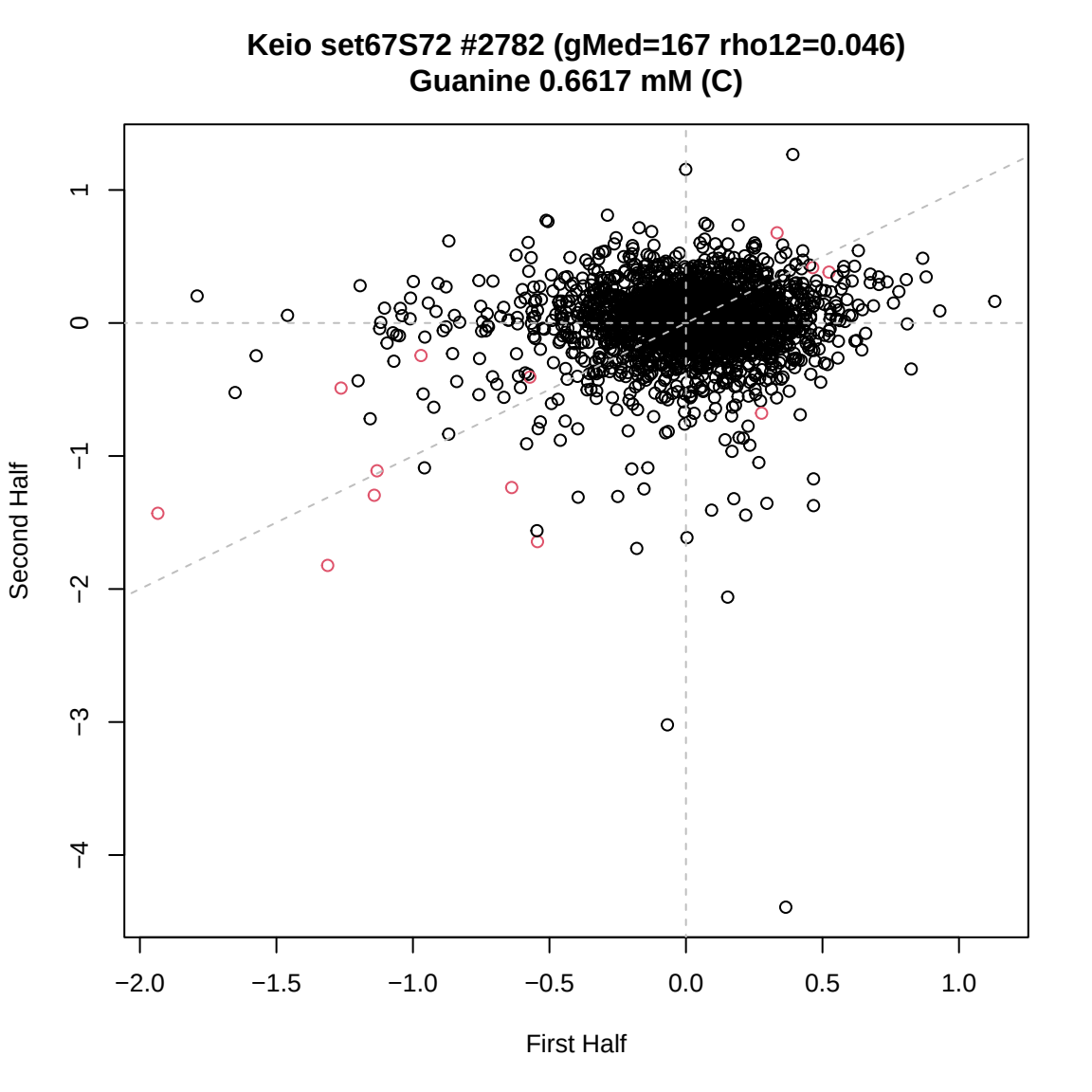

Keio set67S67 #2777 (gMed=209 rho12=0.280)
Guanosine 0.35306 mM (C)
Second Half
First Half
−2
0
2
4
6
8
10

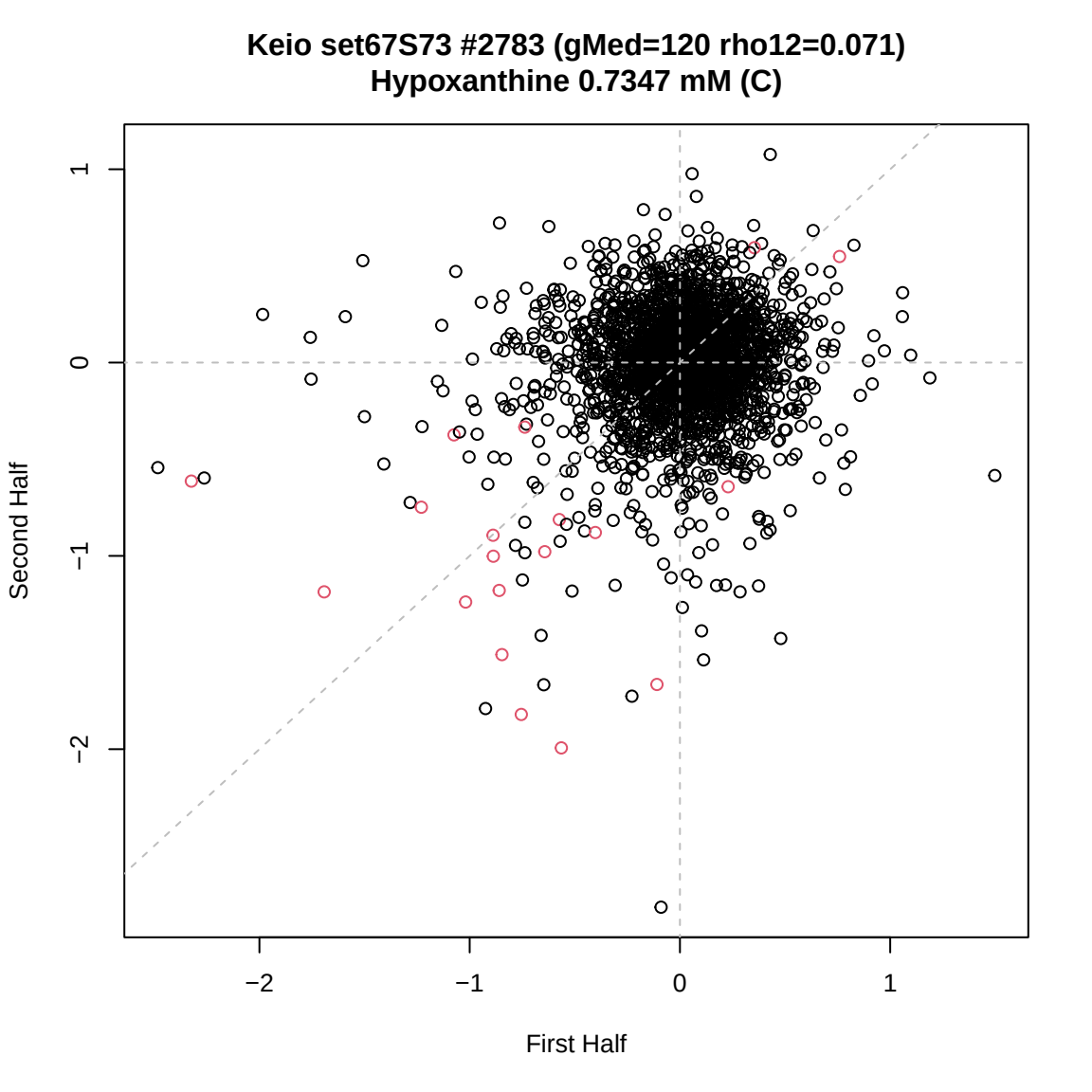

Keio set67S68 #2778 (gMed=98 rho12=0.239)
Guanosine 0.35306 mM (C)
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

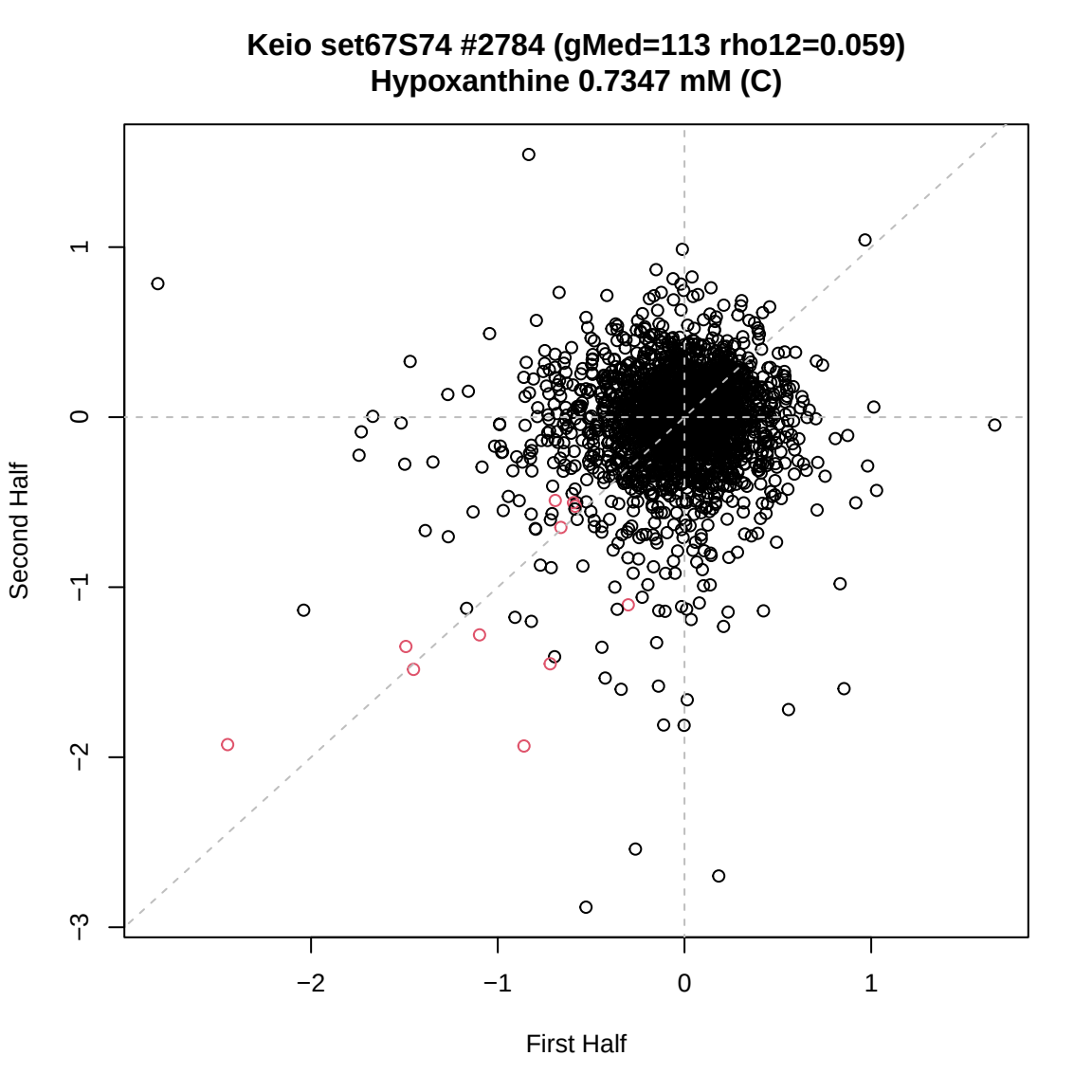

Keio set67S69 #2779 (gMed=124 rho12=0.248)
Guanosine 0.35306 mM (C)
Second Half
First Half
−2
0
2
4
6

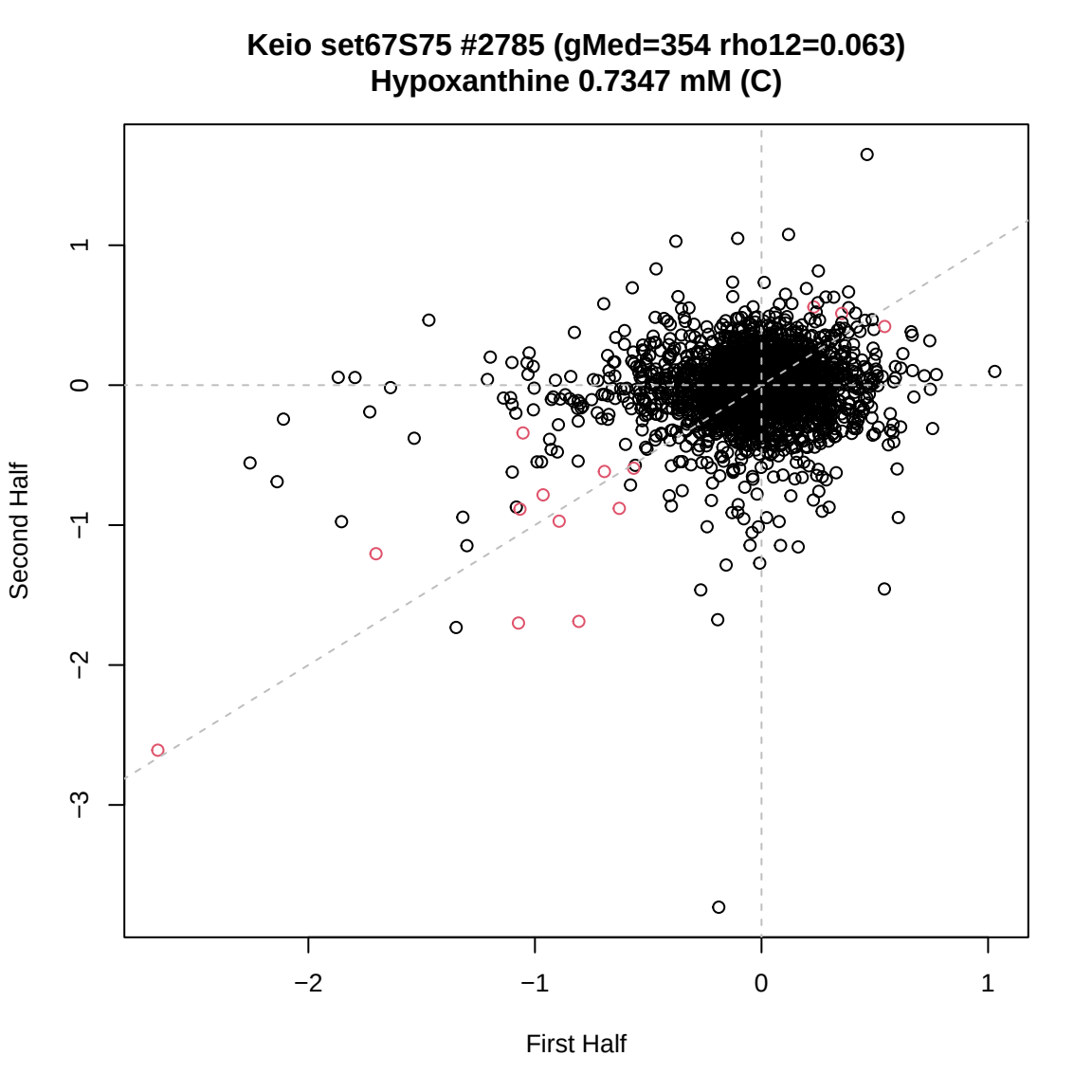

Keio set67S70 #2780 (gMed=338 rho12=0.037)
Guanine 0.6617 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

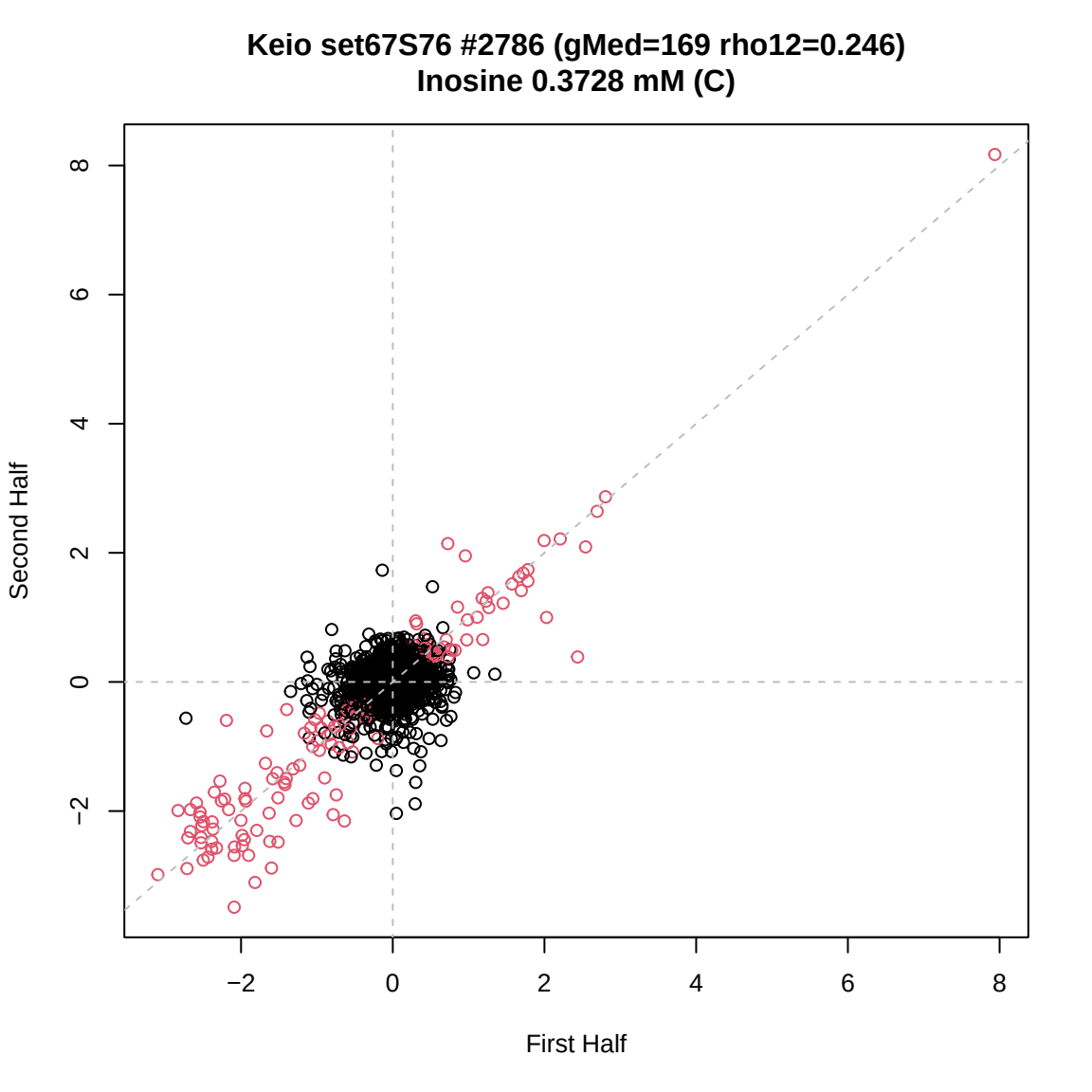

Keio set67S71 #2781 (gMed=218 rho12=0.071)
Guanine 0.6617 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

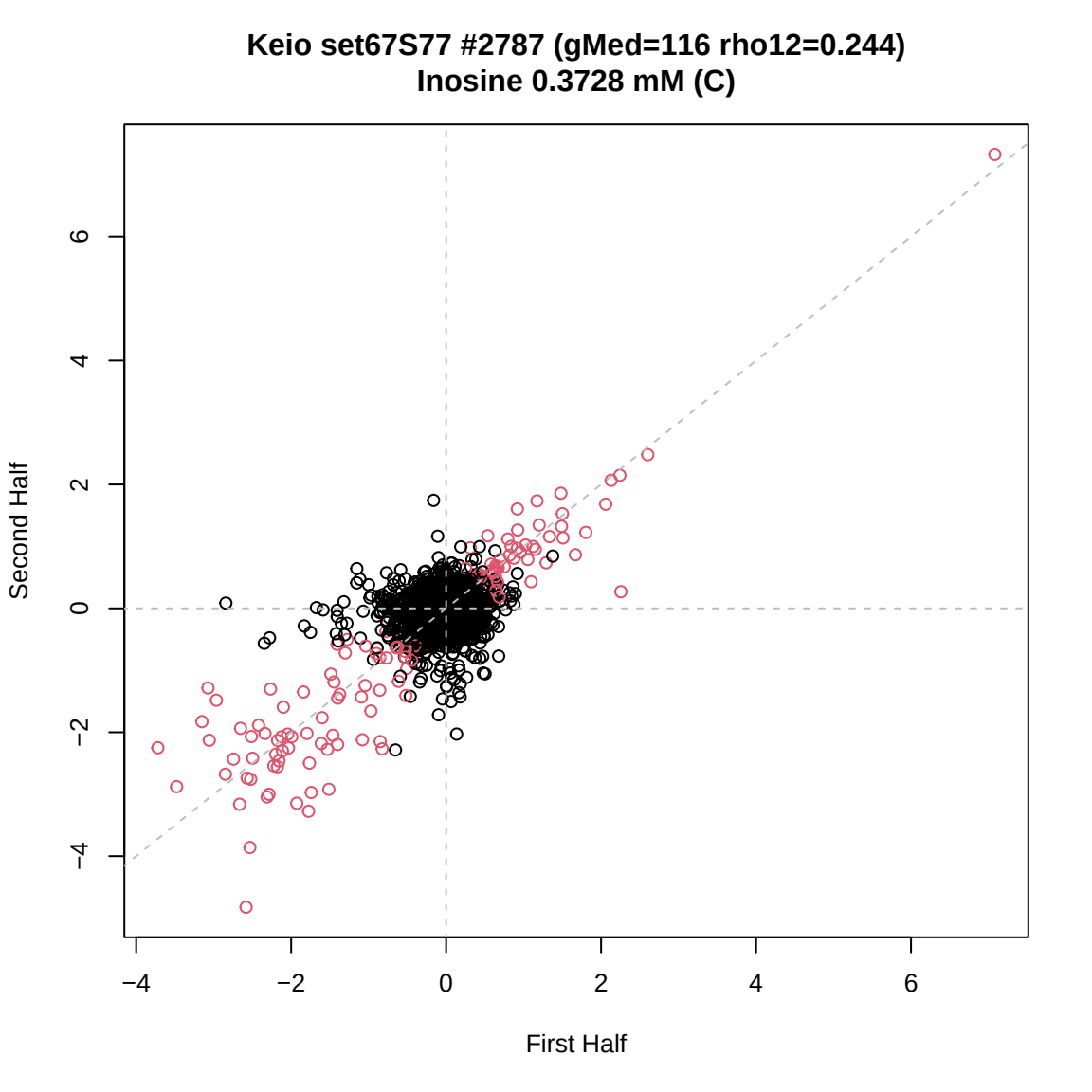

Keio set67S72 #2782 (gMed=167 rho12=0.046)
Guanine 0.6617 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

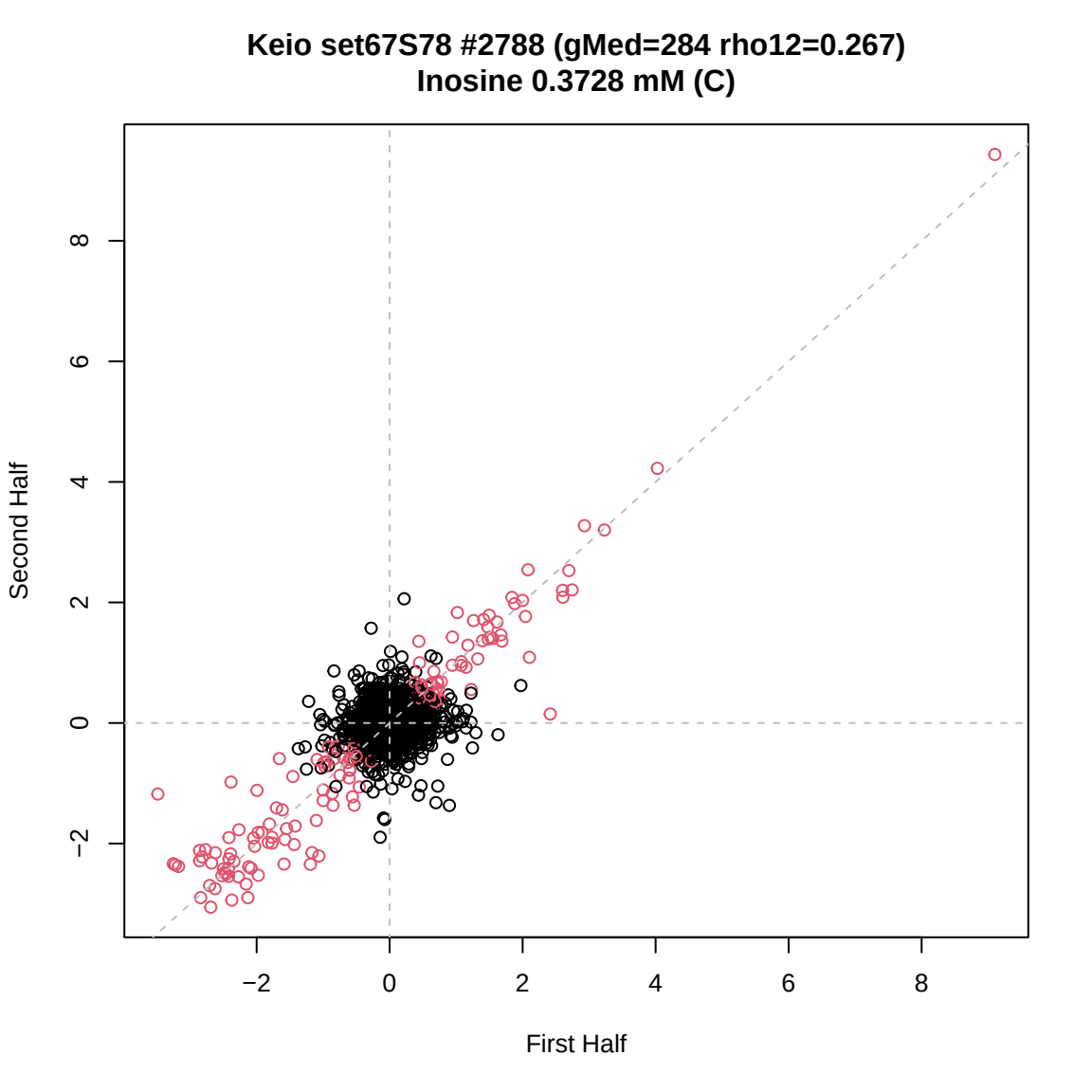

Keio set67S73 #2783 (gMed=120 rho12=0.071)
Hypoxanthine 0.7347 mM (C)
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

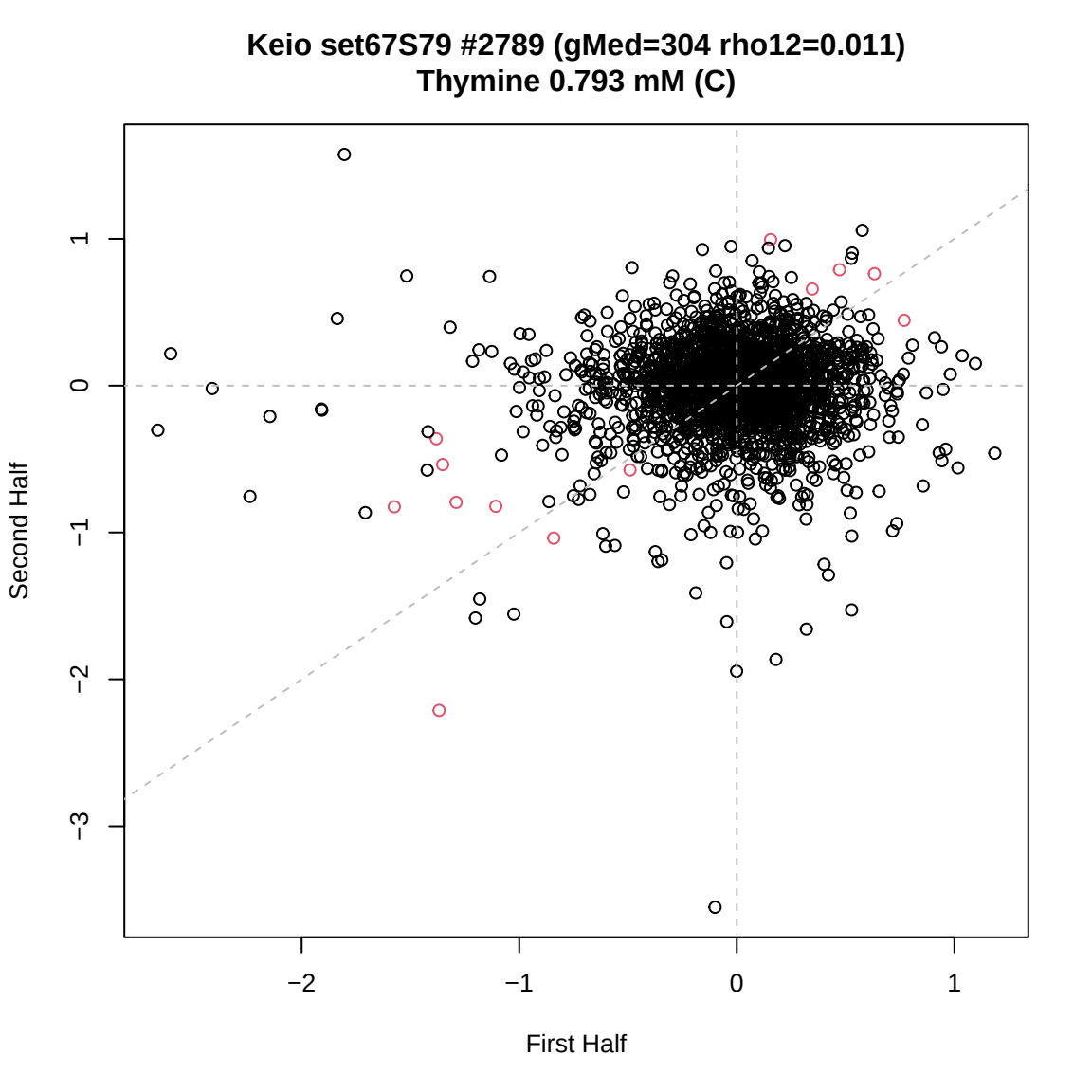

Keio set67S74 #2784 (gMed=113 rho12=0.059)
Hypoxanthine 0.7347 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

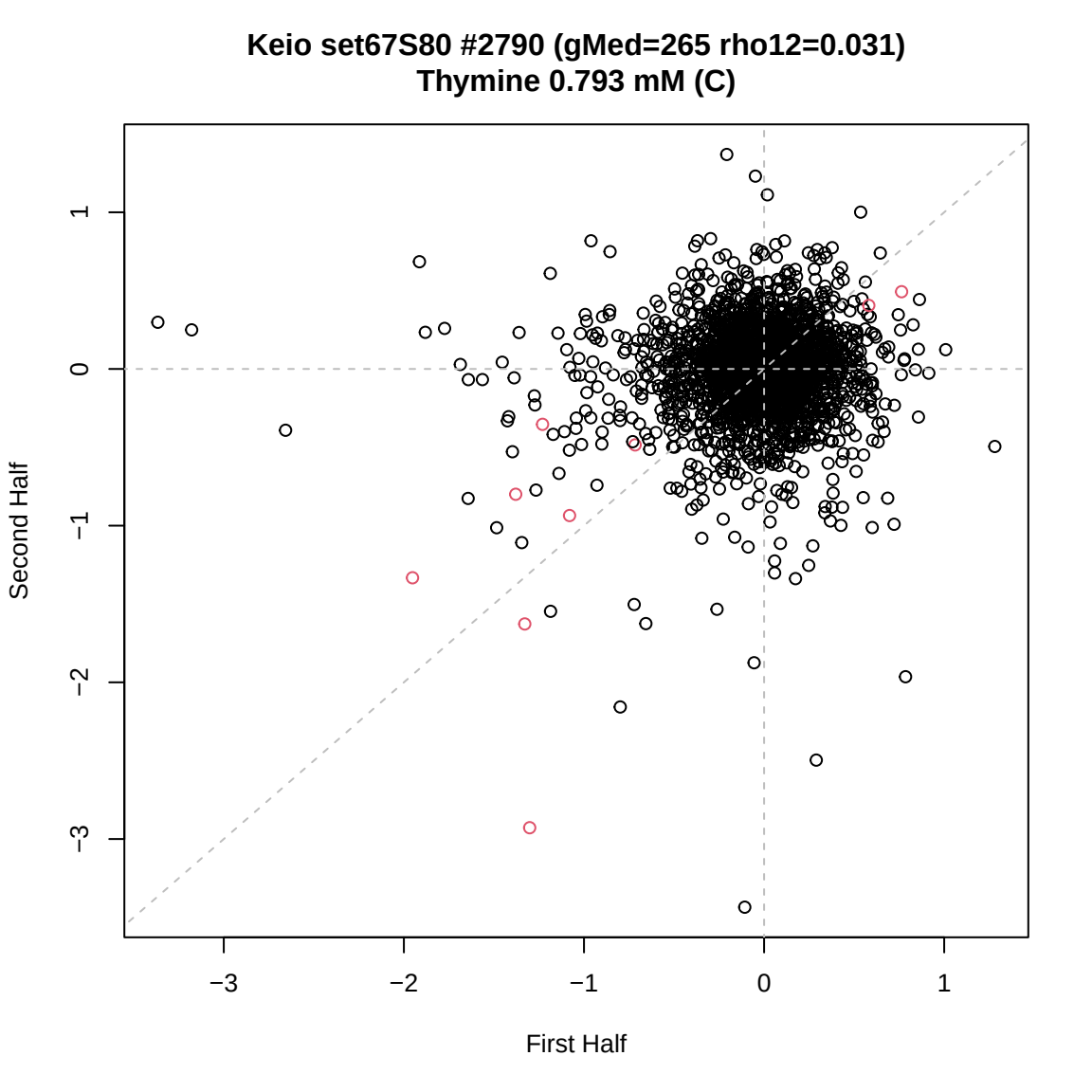

Keio set67S75 #2785 (gMed=354 rho12=0.063)
Hypoxanthine 0.7347 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

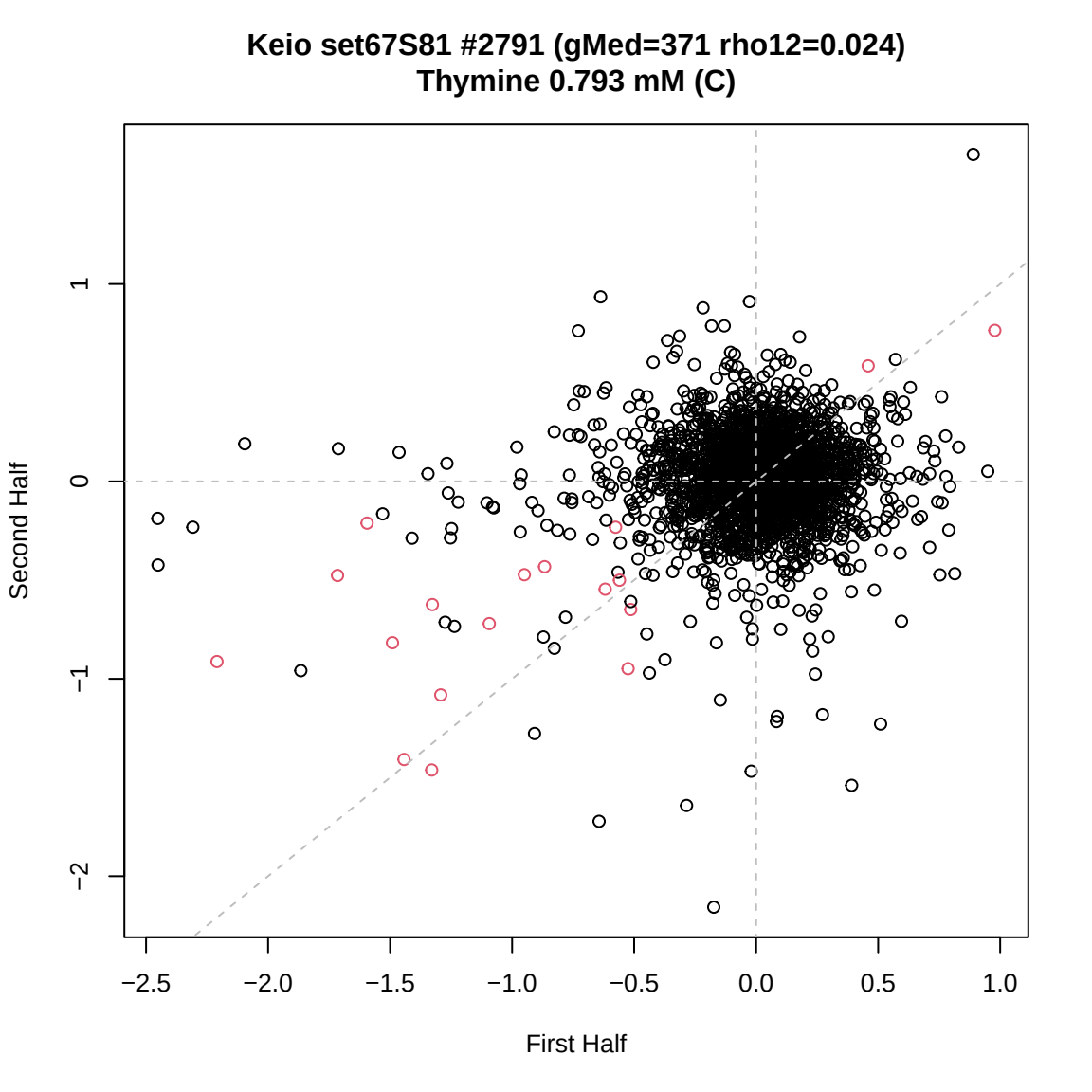

Keio set67S76 #2786 (gMed=169 rho12=0.246)
Inosine 0.3728 mM (C)
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

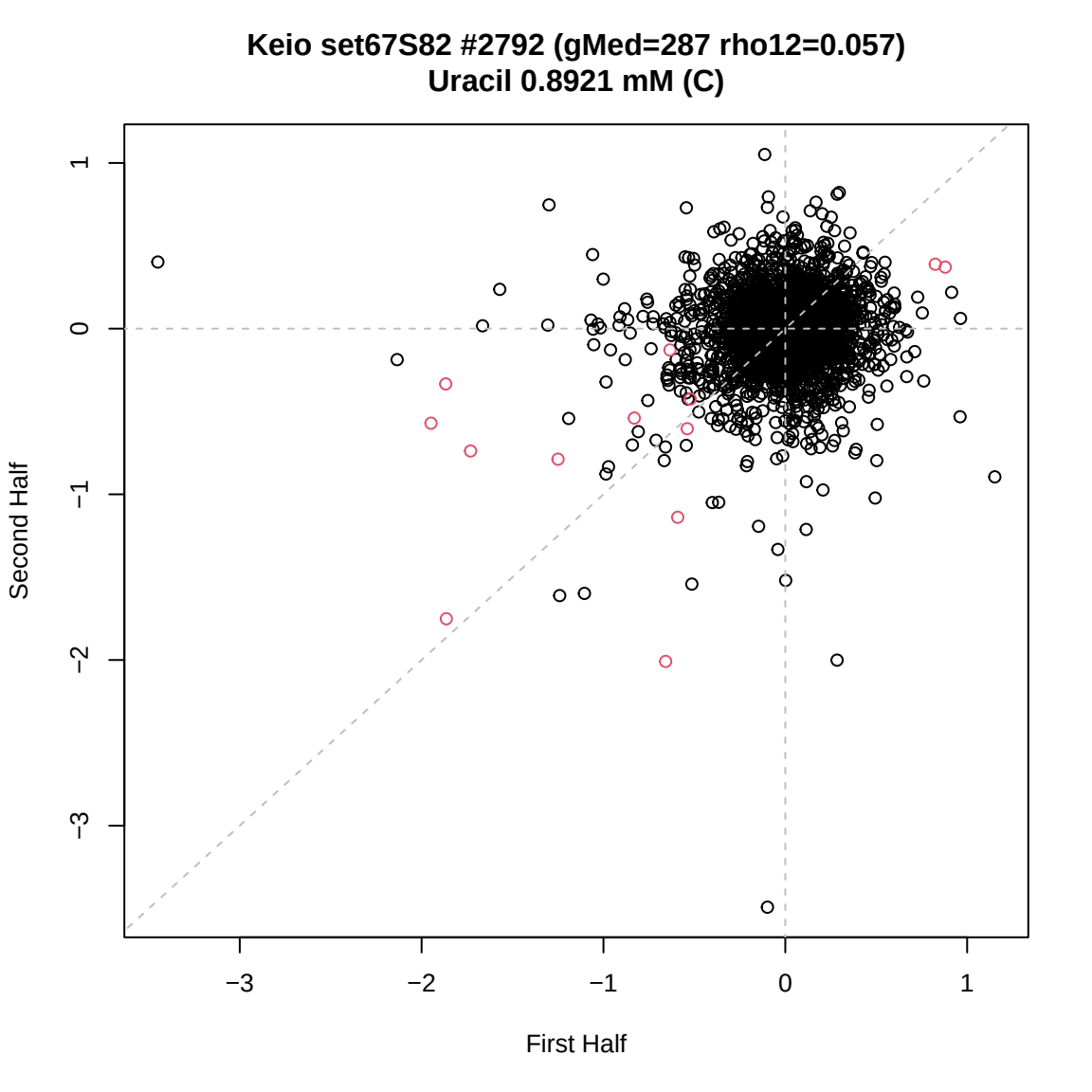

Keio set67S77 #2787 (gMed=116 rho12=0.244)
Inosine 0.3728 mM (C)
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

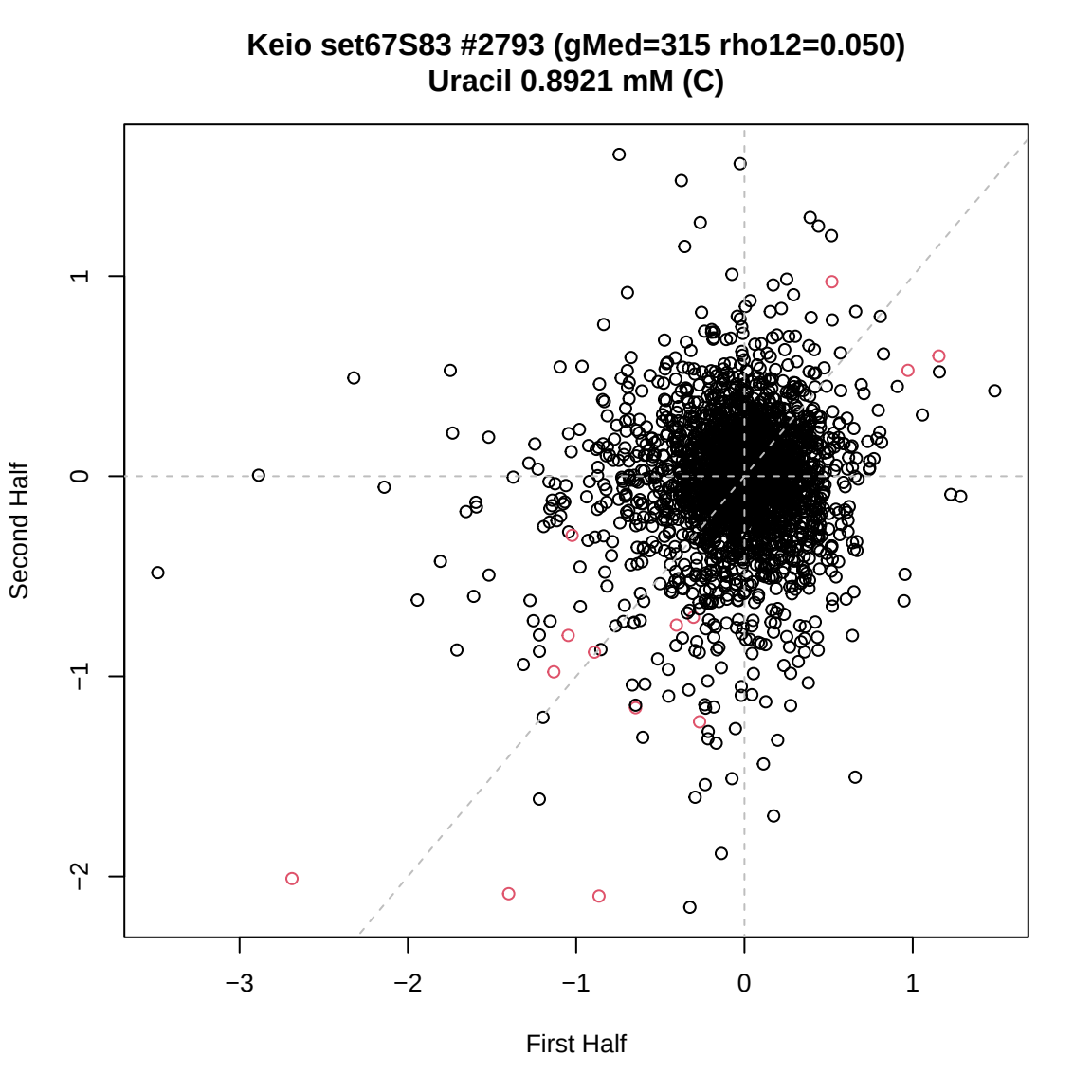

Keio set67S78 #2788 (gMed=284 rho12=0.267)
Inosine 0.3728 mM (C)
Second Half
First Half
−2
0
2
4
6
8

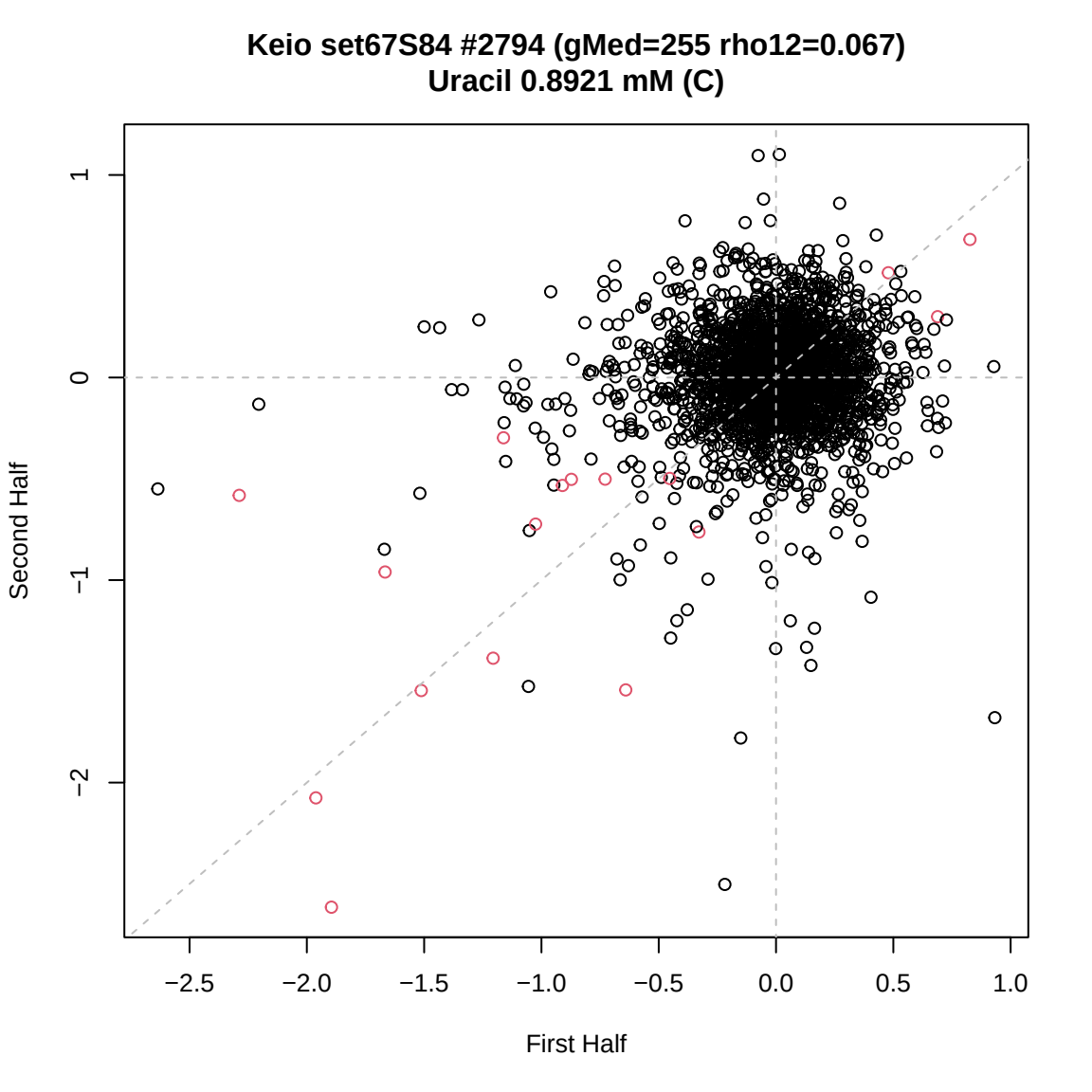

Keio set67S79 #2789 (gMed=304 rho12=0.011)
Thymine 0.793 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

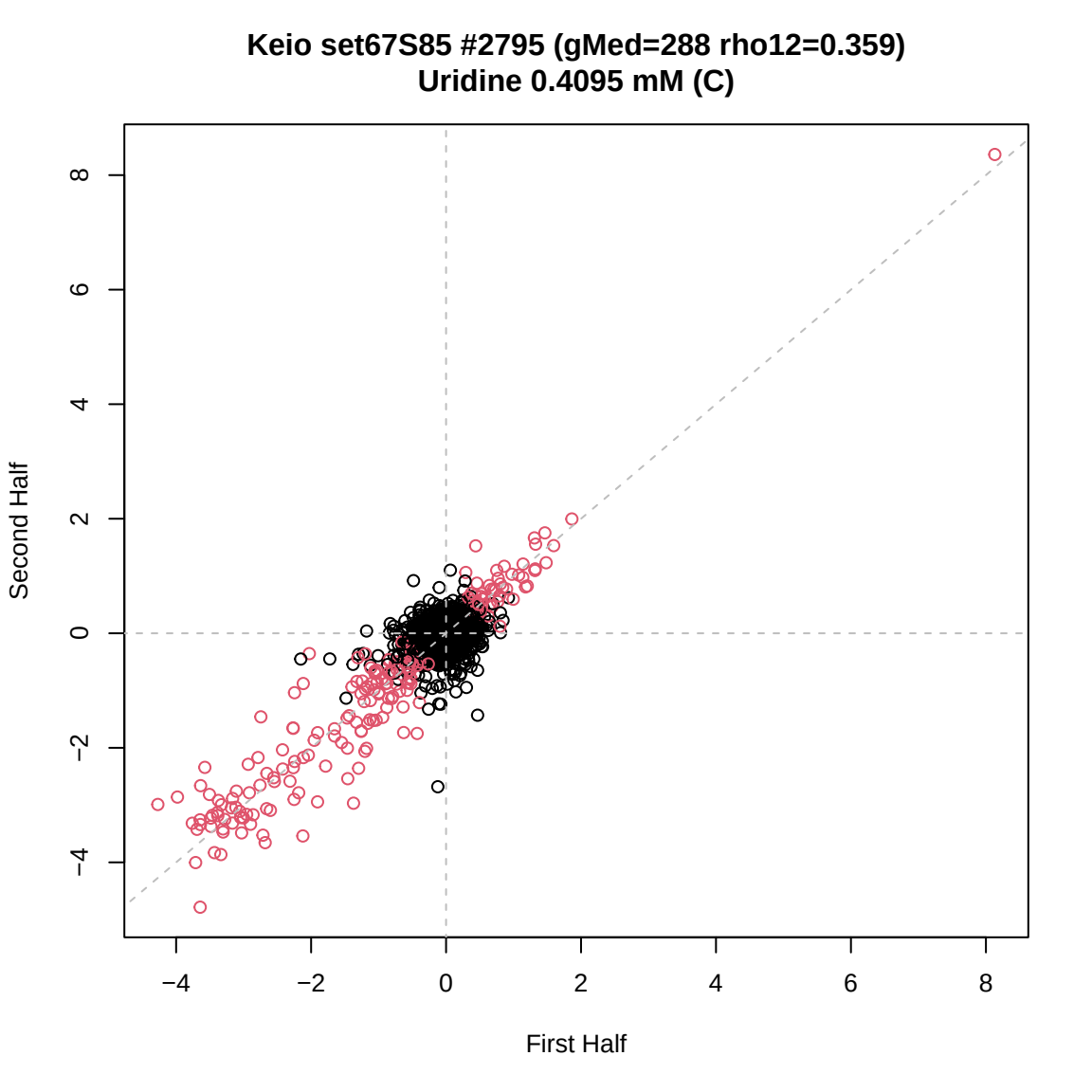

Keio set67S80 #2790 (gMed=265 rho12=0.031)
Thymine 0.793 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

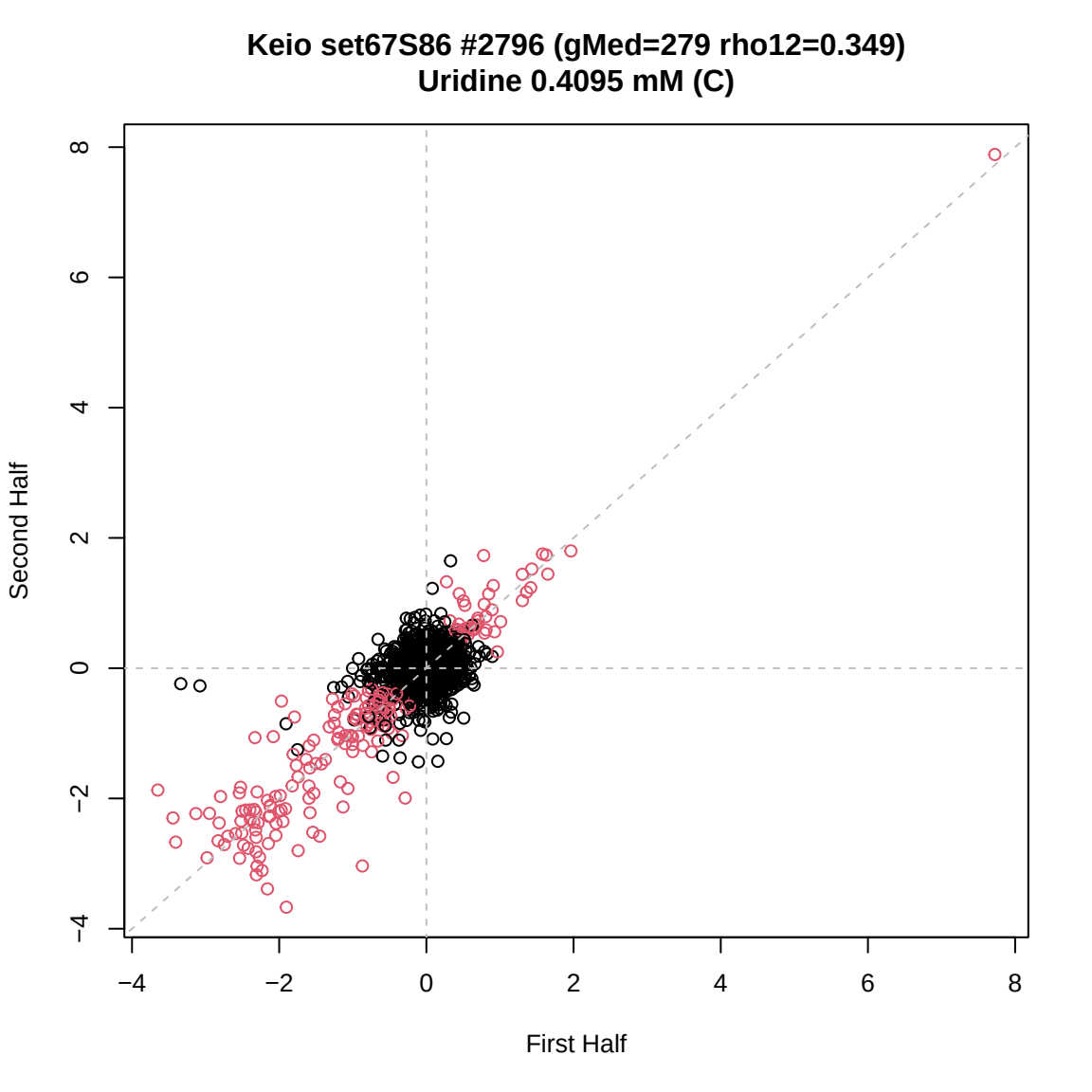

Keio set67S81 #2791 (gMed=371 rho12=0.024)
Thymine 0.793 mM (C)
Second Half
First Half
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

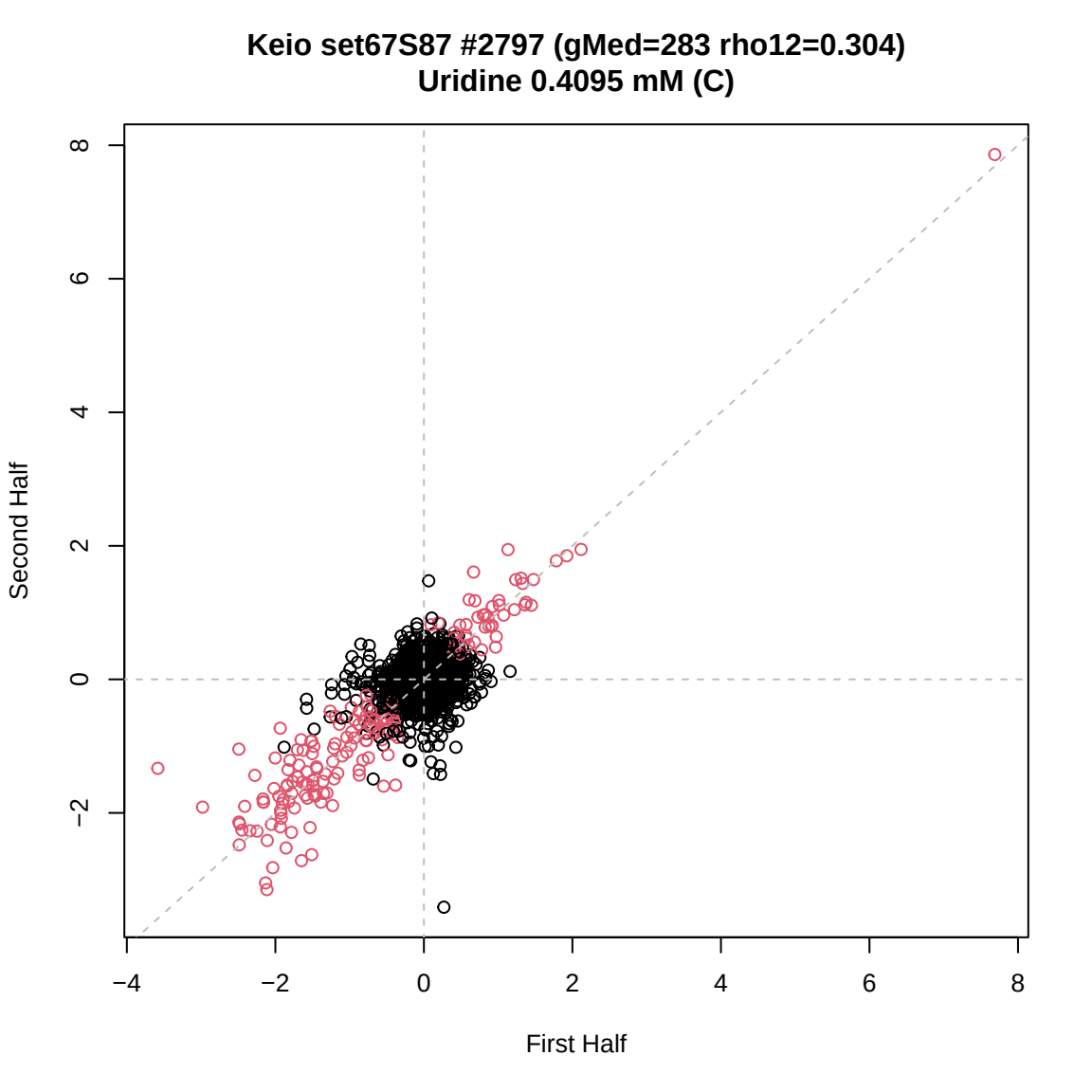

Keio set67S82 #2792 (gMed=287 rho12=0.057)
Uracil 0.8921 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

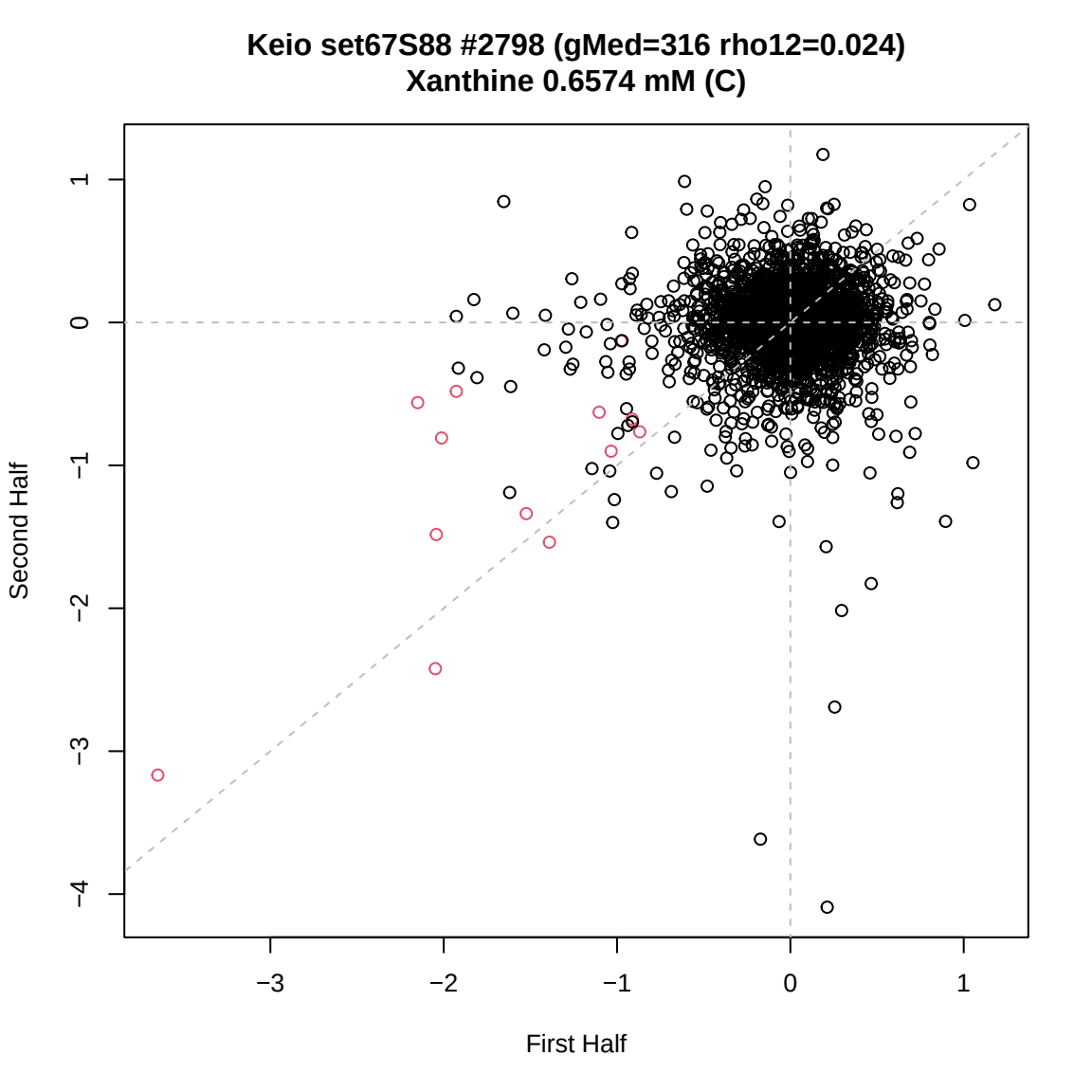

Keio set67S83 #2793 (gMed=315 rho12=0.050)
Uracil 0.8921 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

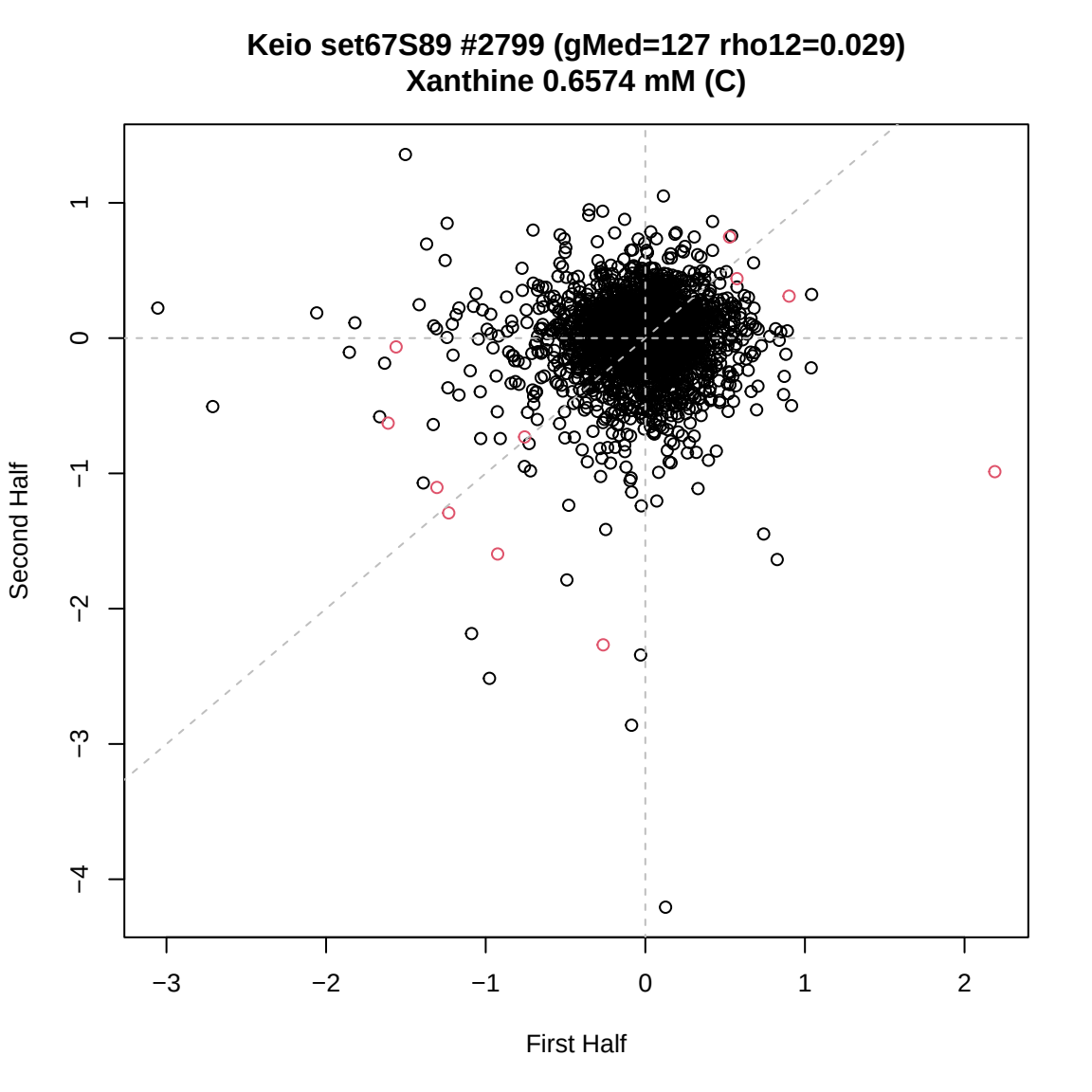

Keio set67S84 #2794 (gMed=255 rho12=0.067)
Uracil 0.8921 mM (C)
Second Half
First Half
1
0
−1
−2
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

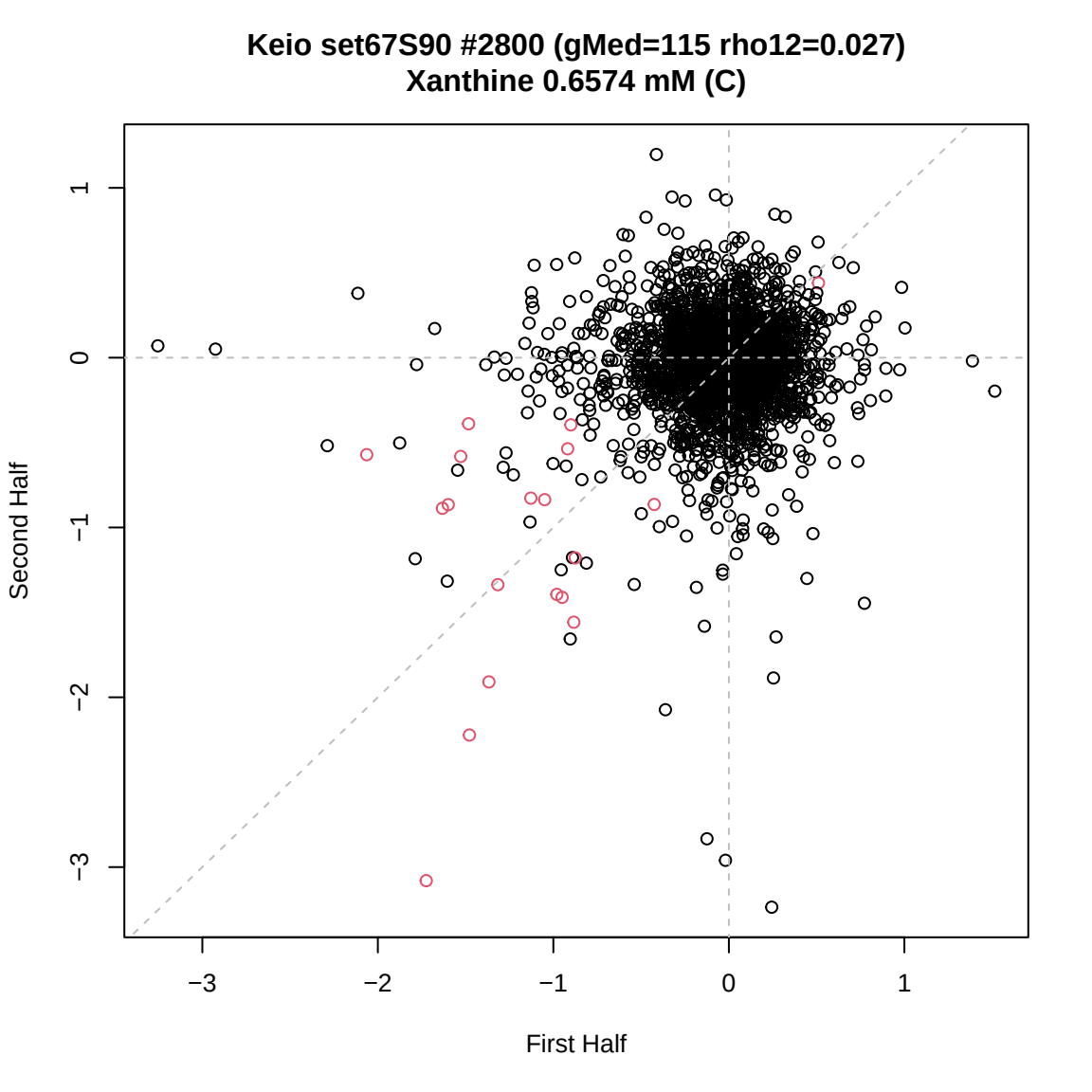

Keio set67S85 #2795 (gMed=288 rho12=0.359)
Uridine 0.4095 mM (C)
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

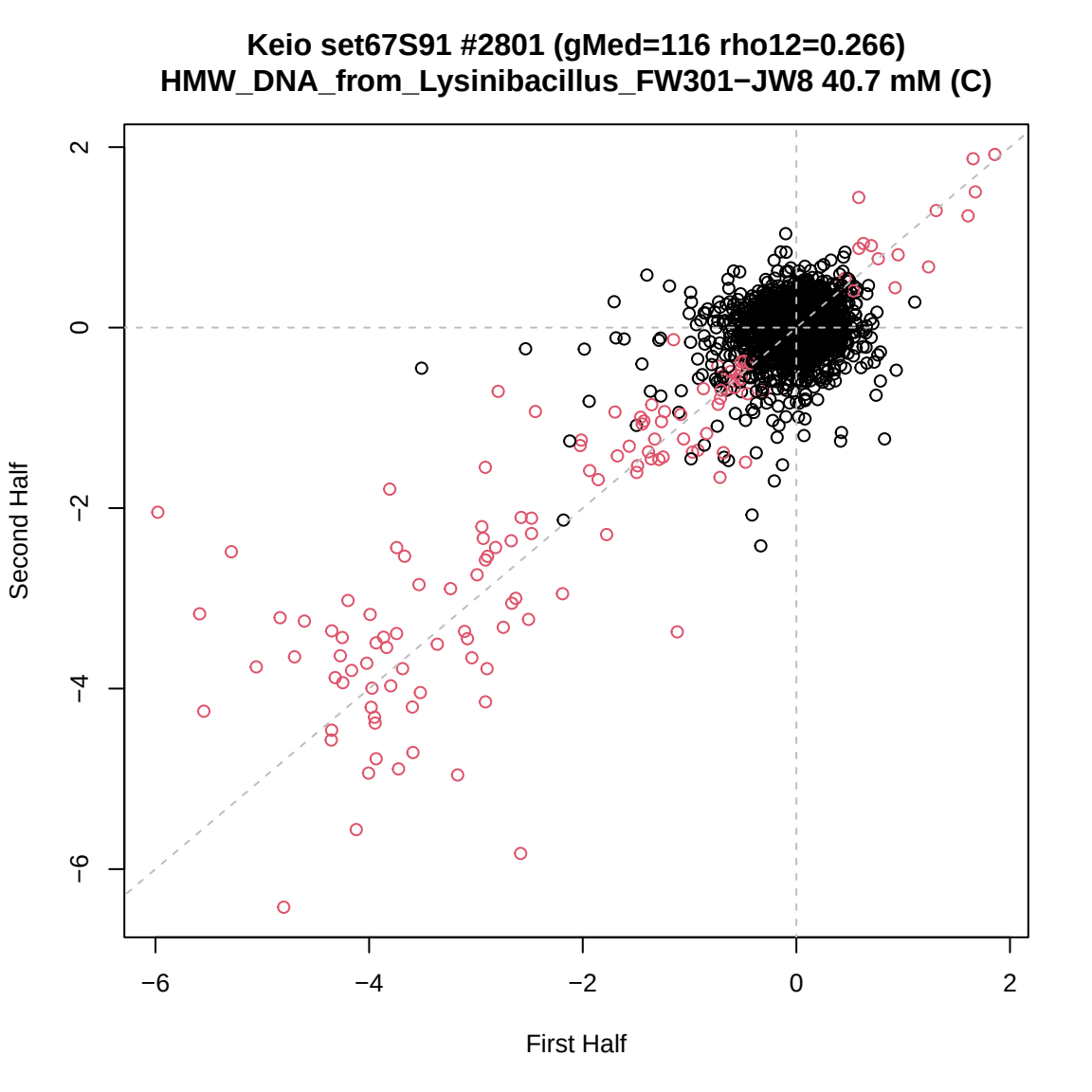

Keio set67S86 #2796 (gMed=279 rho12=0.349)
Uridine 0.4095 mM (C)
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

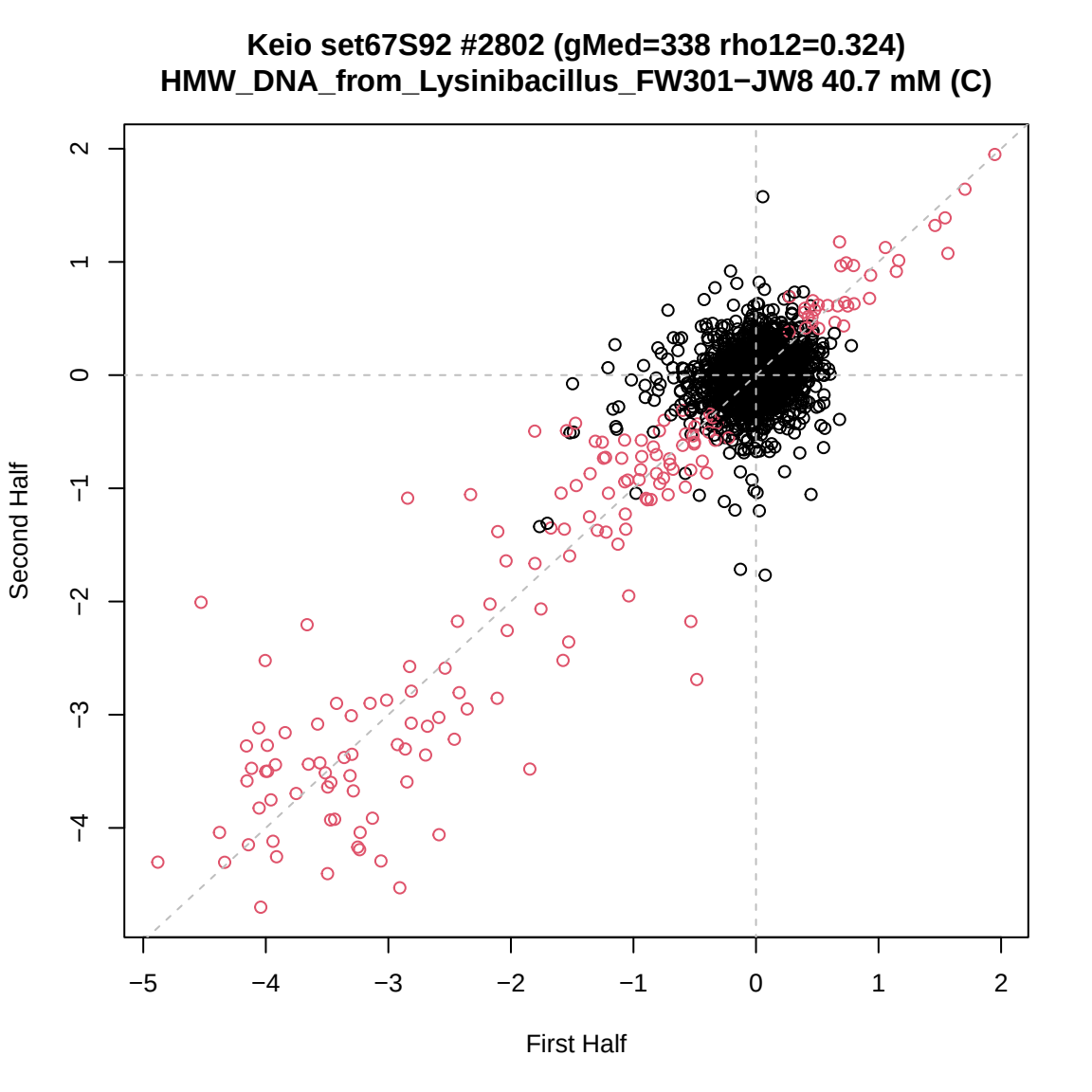

Keio set67S87 #2797 (gMed=283 rho12=0.304)
Uridine 0.4095 mM (C)
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

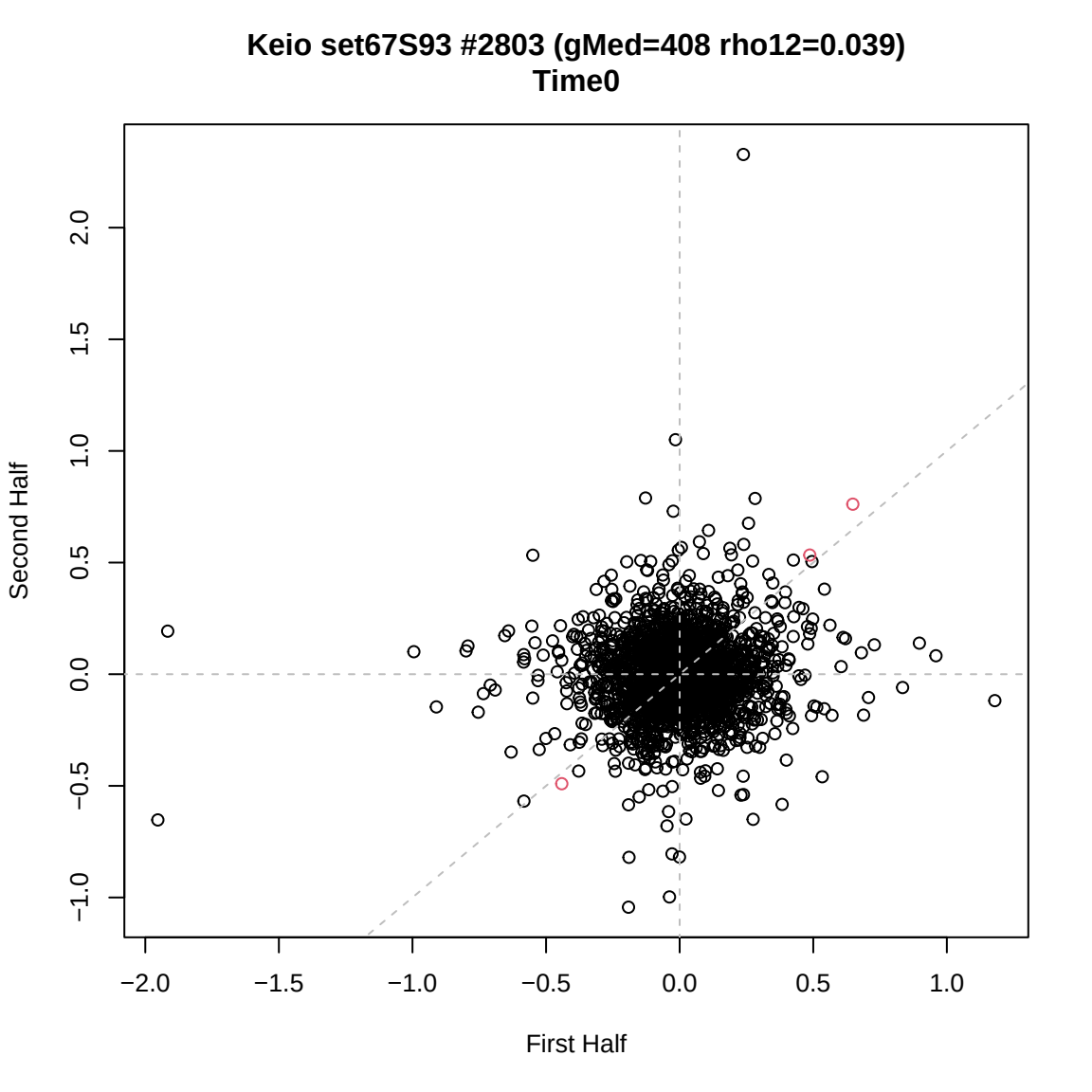

Keio set67S88 #2798 (gMed=316 rho12=0.024)
Xanthine 0.6574 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

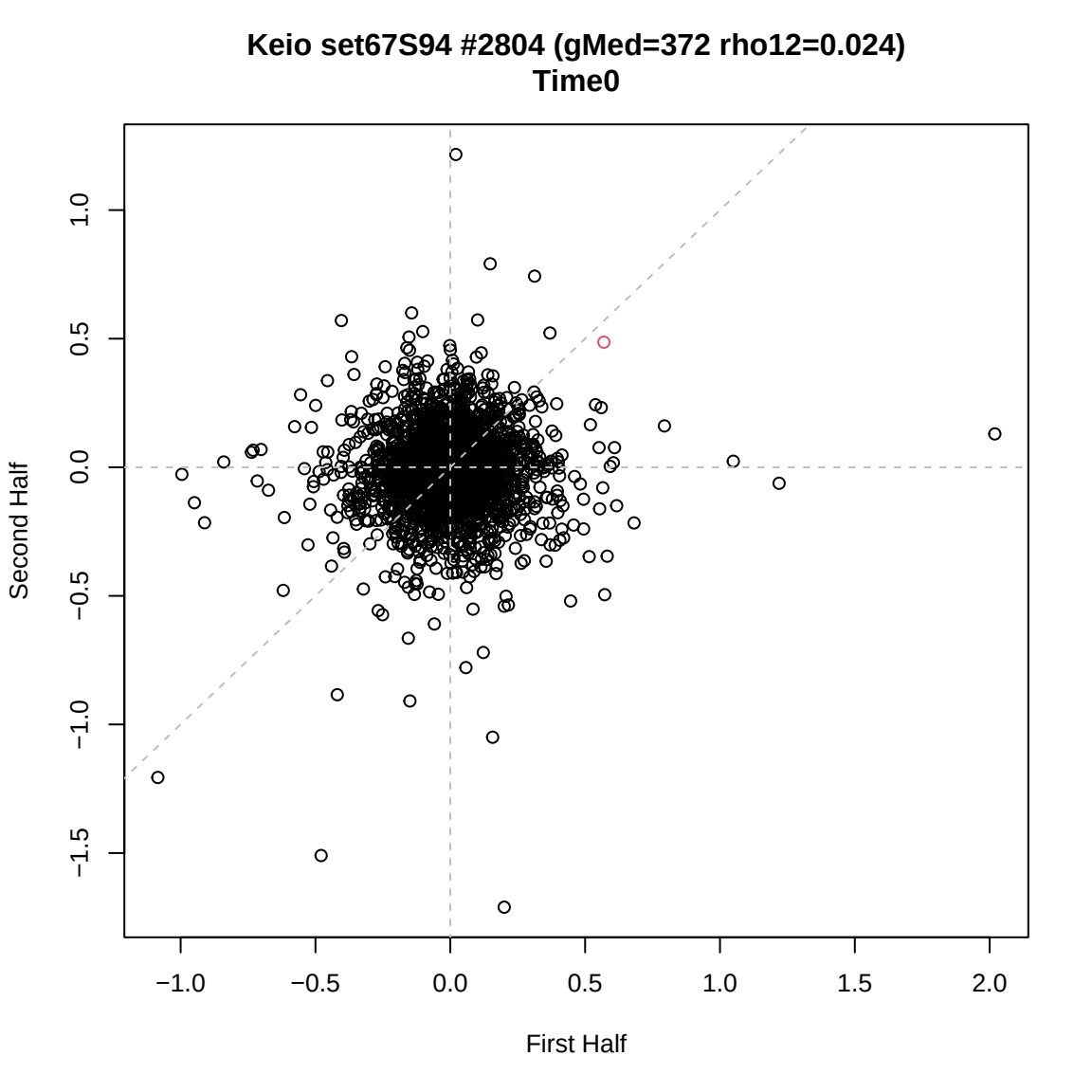

Keio set67S89 #2799 (gMed=127 rho12=0.029)
Xanthine 0.6574 mM (C)
Second Half
First Half
−4
−3
−2
−1
0
1
2
−3
−2
−1
0
1
2

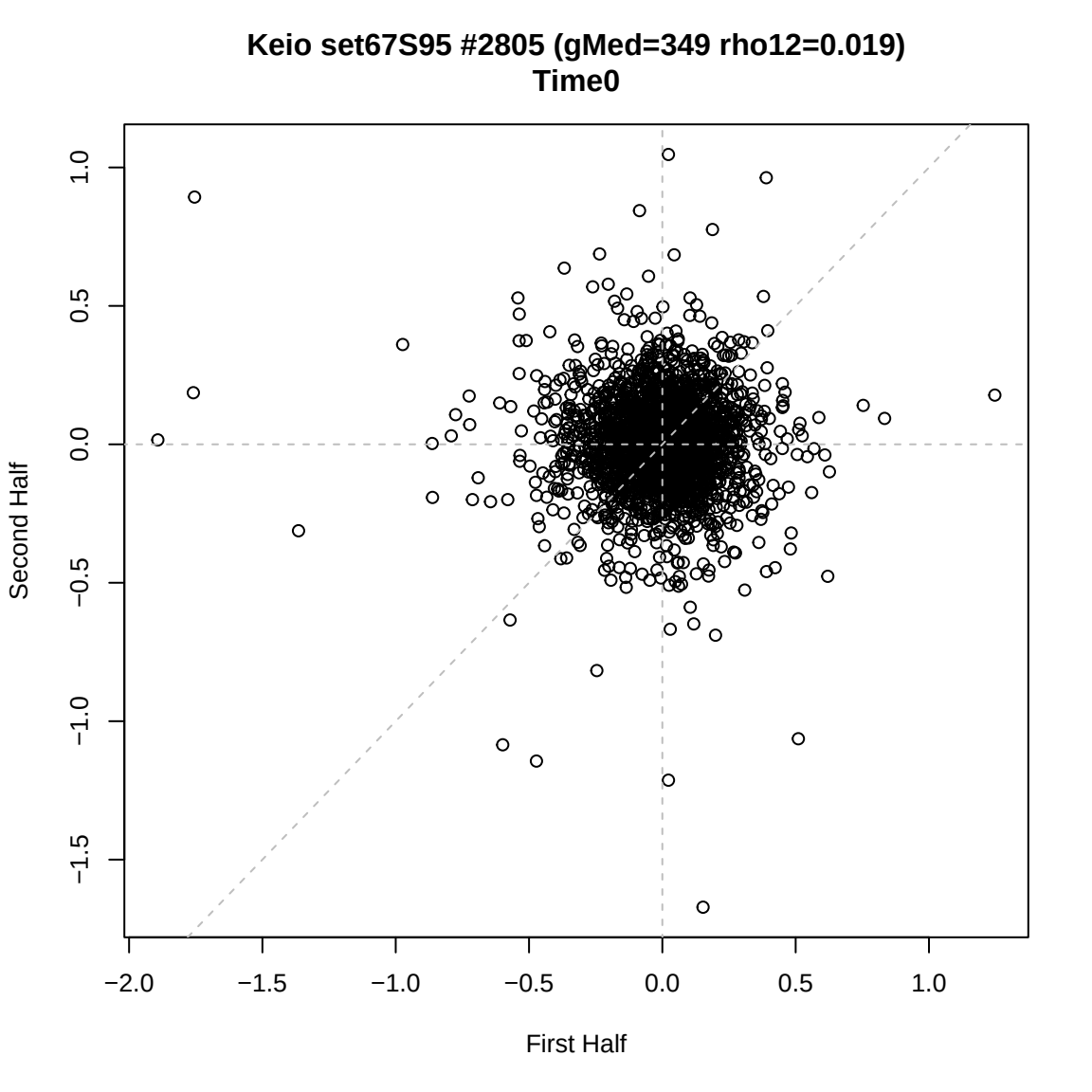

Keio set67S90 #2800 (gMed=115 rho12=0.027)
Xanthine 0.6574 mM (C)
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

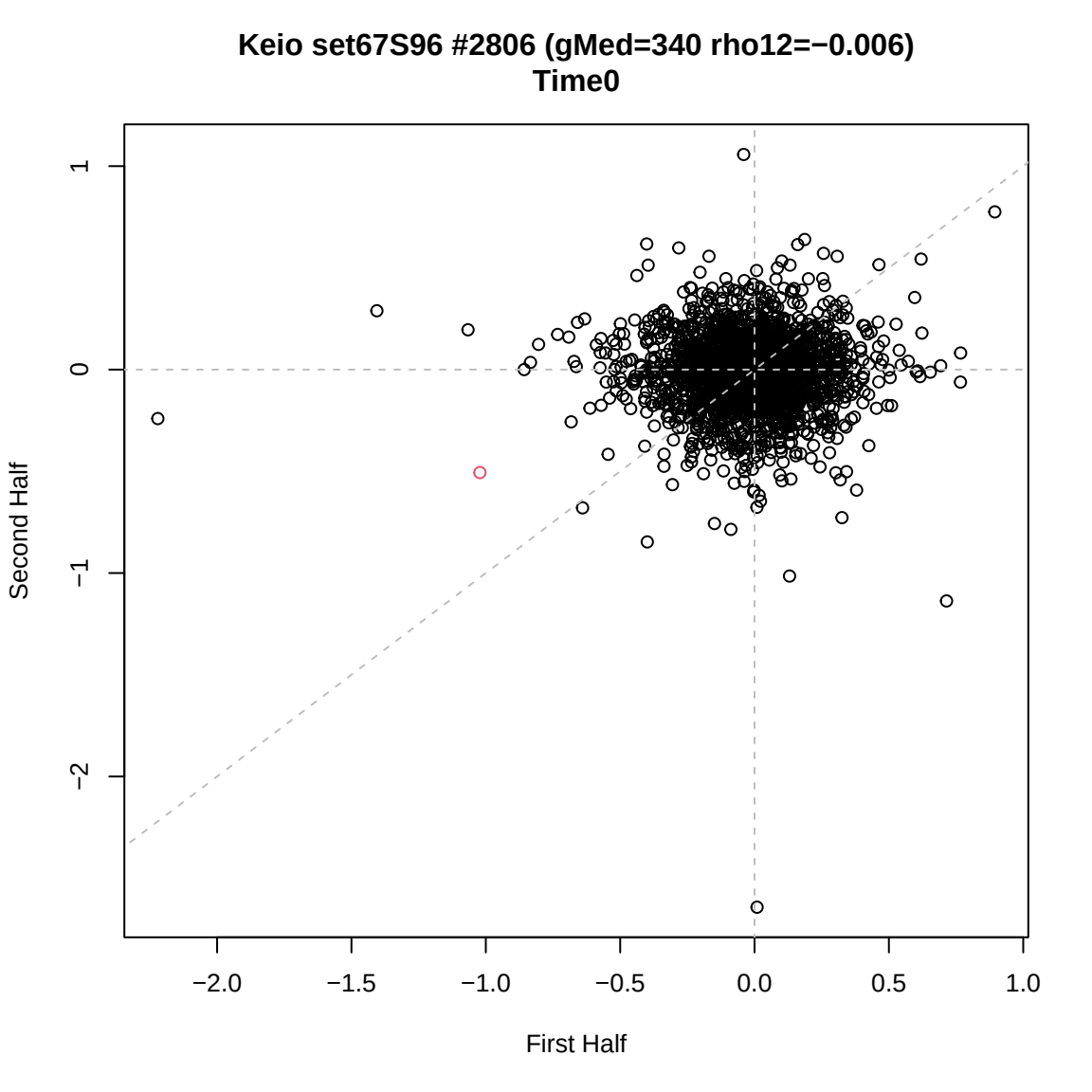

Keio set67S91 #2801 (gMed=116 rho12=0.266)
HMW_DNA_from_Lysinibacillus_FW301−JW8 40.7 mM (C)
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

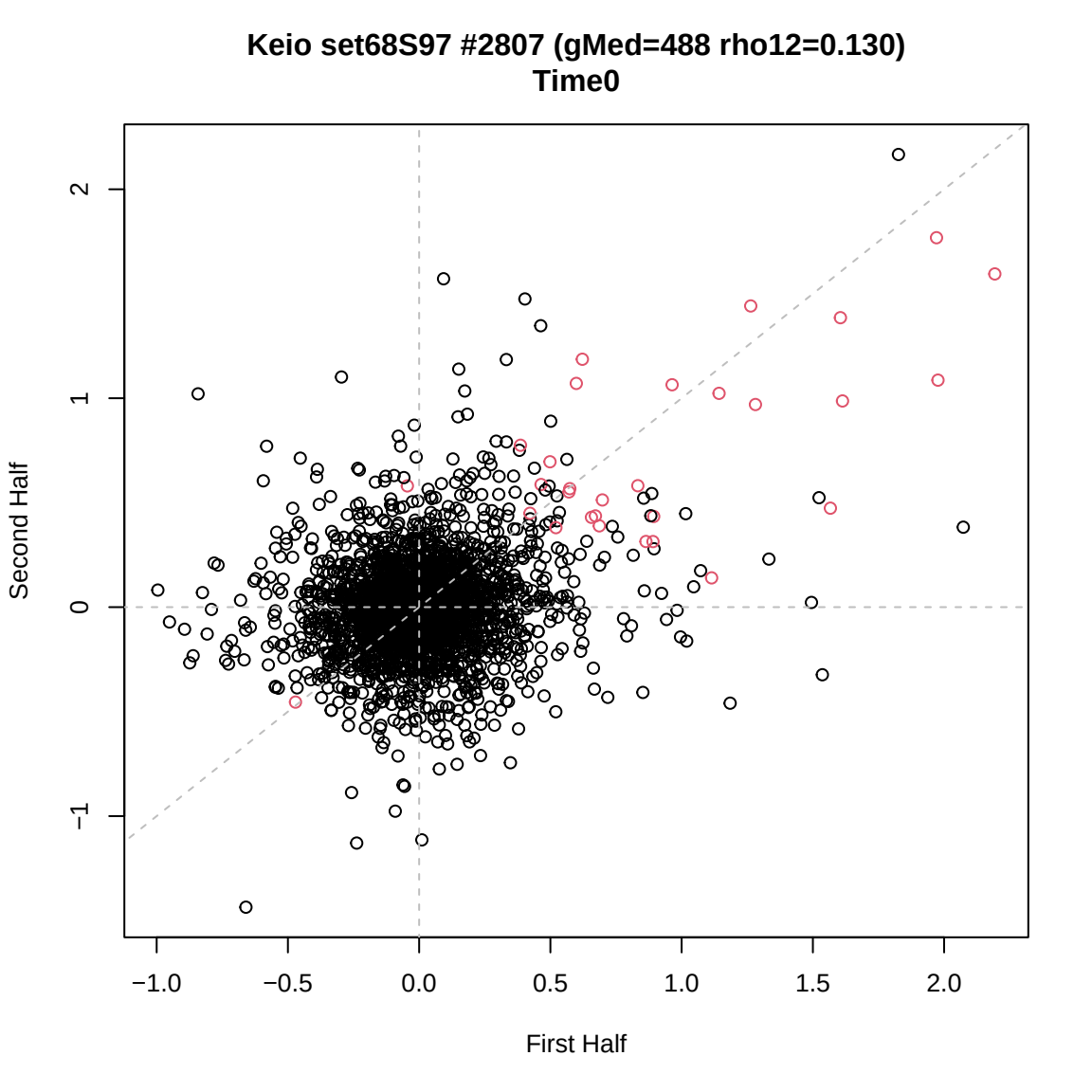

Keio set67S92 #2802 (gMed=338 rho12=0.324)
HMW_DNA_from_Lysinibacillus_FW301−JW8 40.7 mM (C)
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

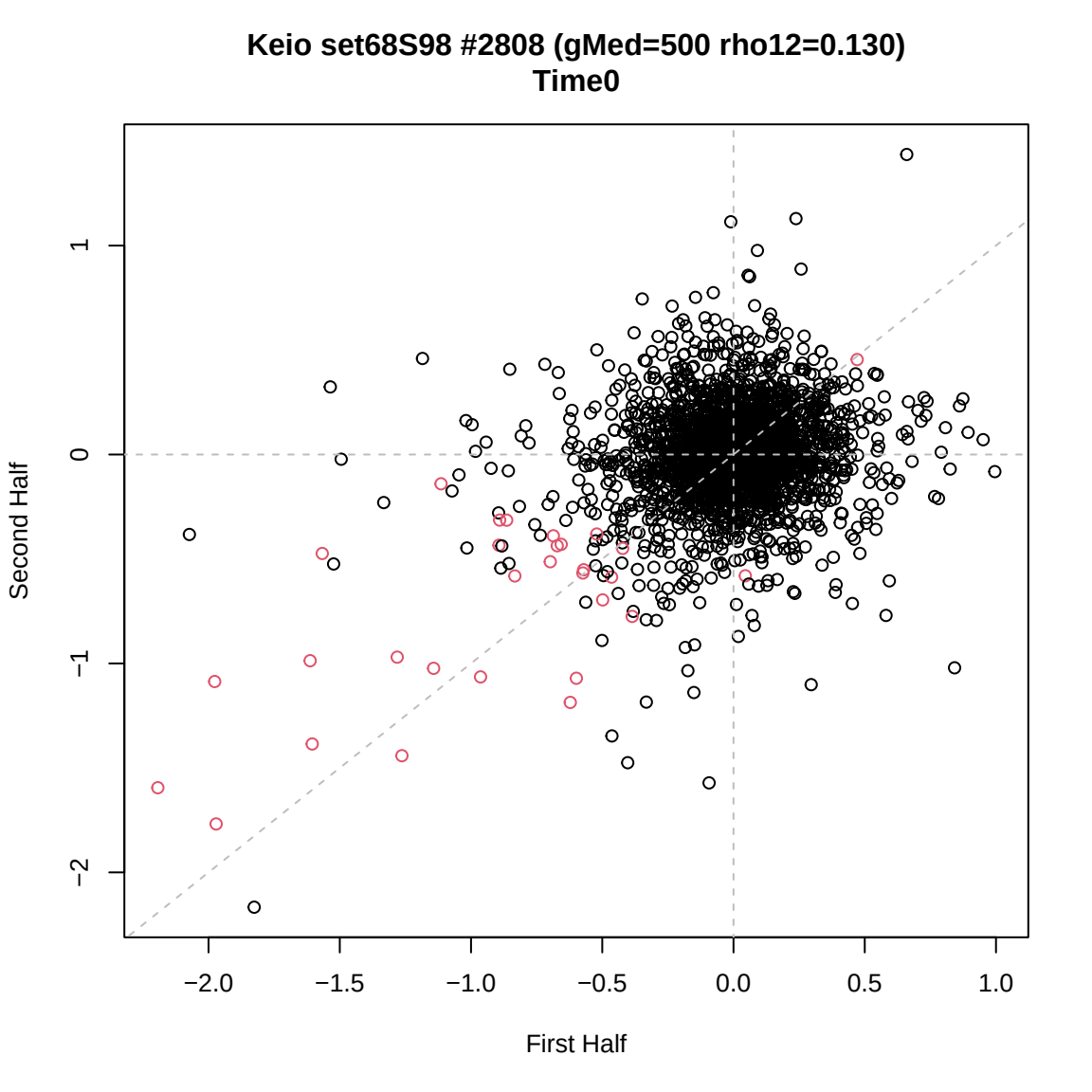

Keio set67S93 #2803 (gMed=408 rho12=0.039)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

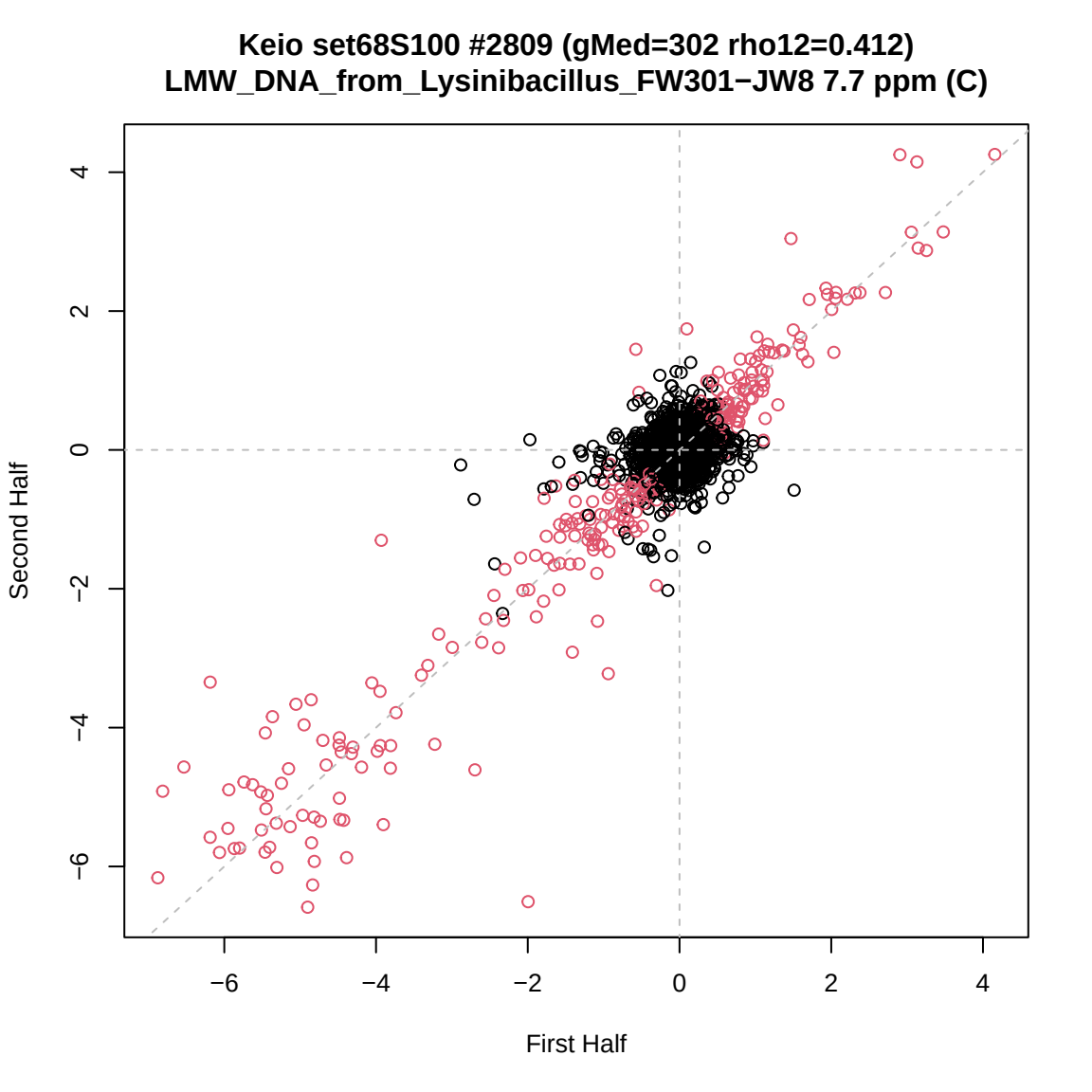

Keio set67S94 #2804 (gMed=372 rho12=0.024)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

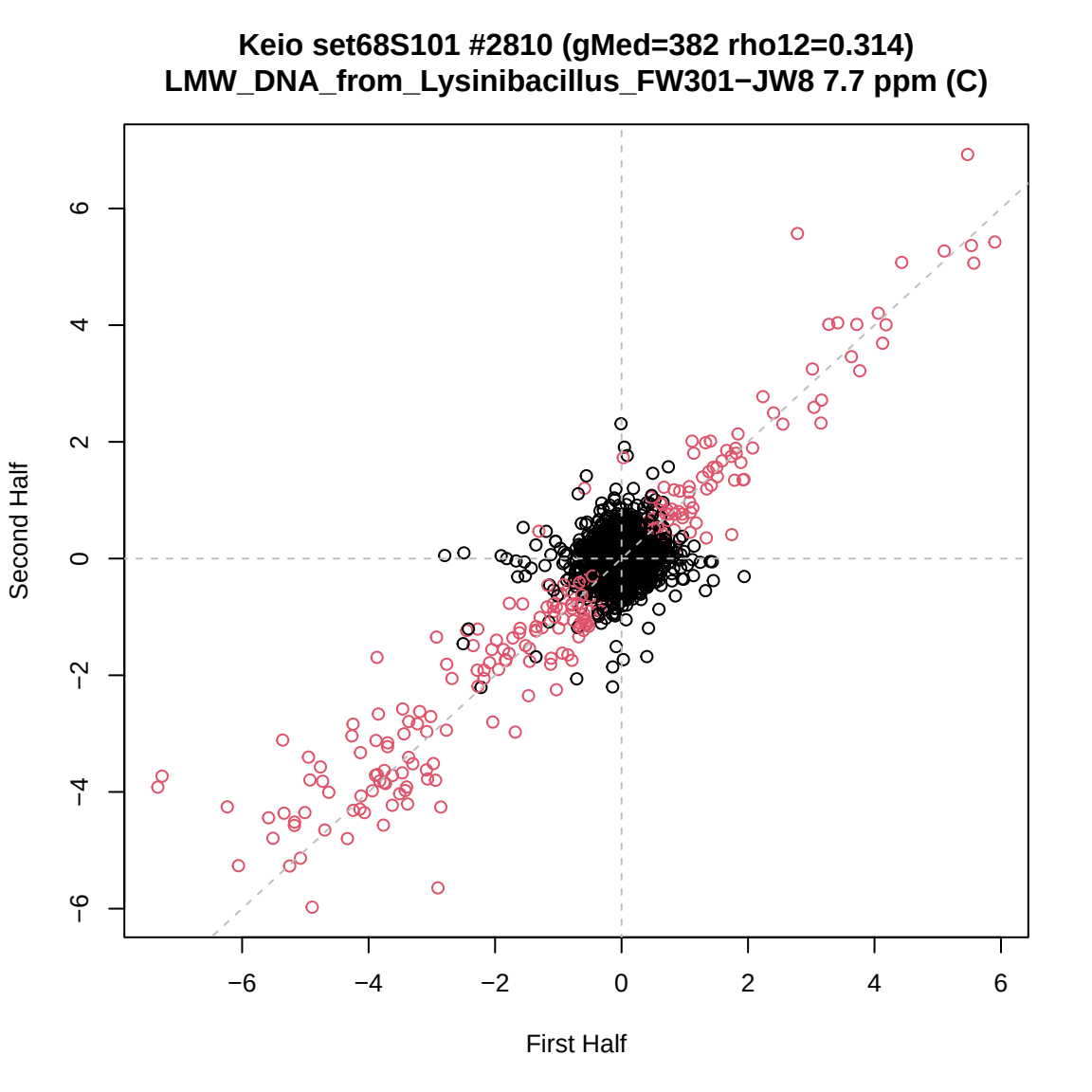

Keio set67S95 #2805 (gMed=349 rho12=0.019)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

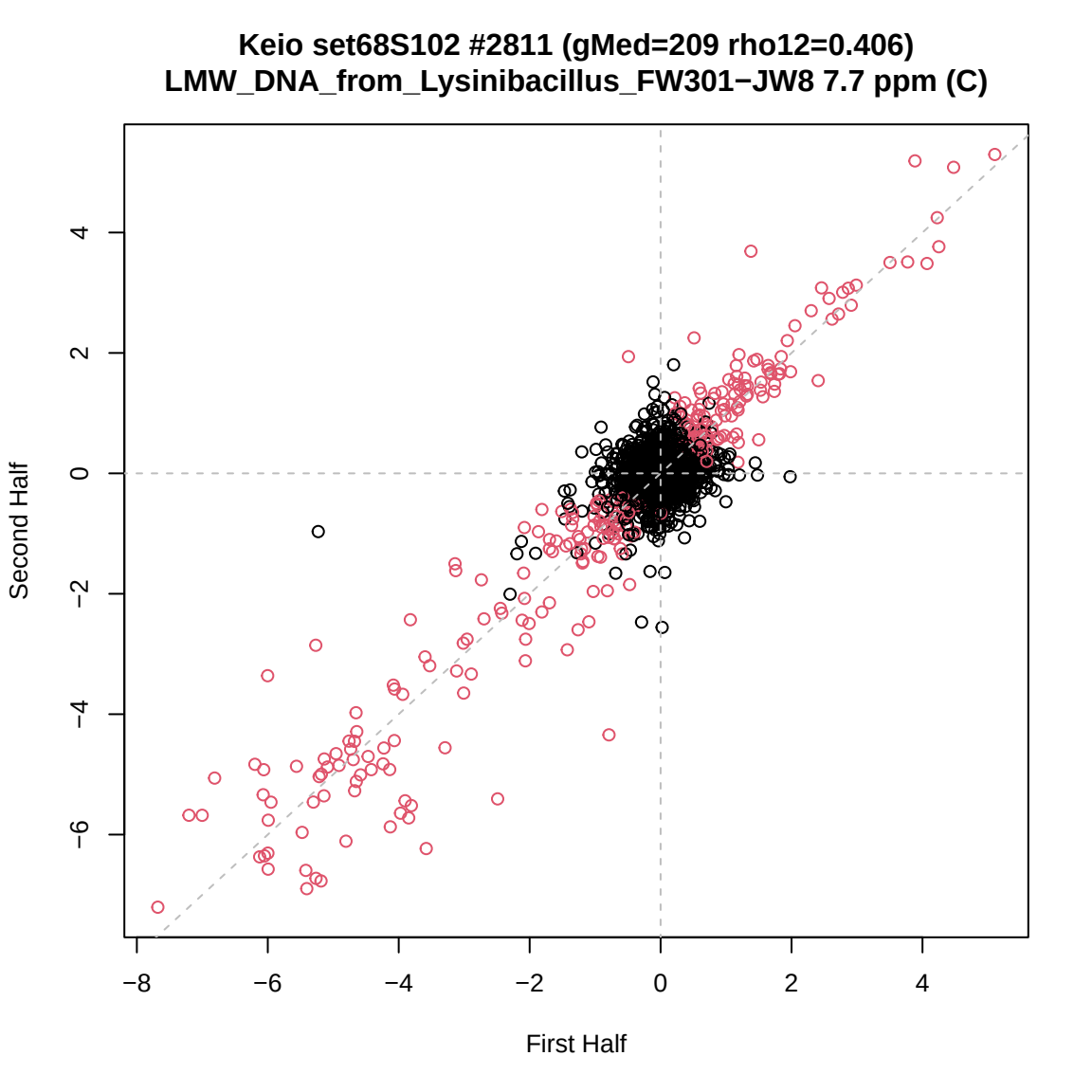

Keio set67S96 #2806 (gMed=340 rho12=−0.006)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

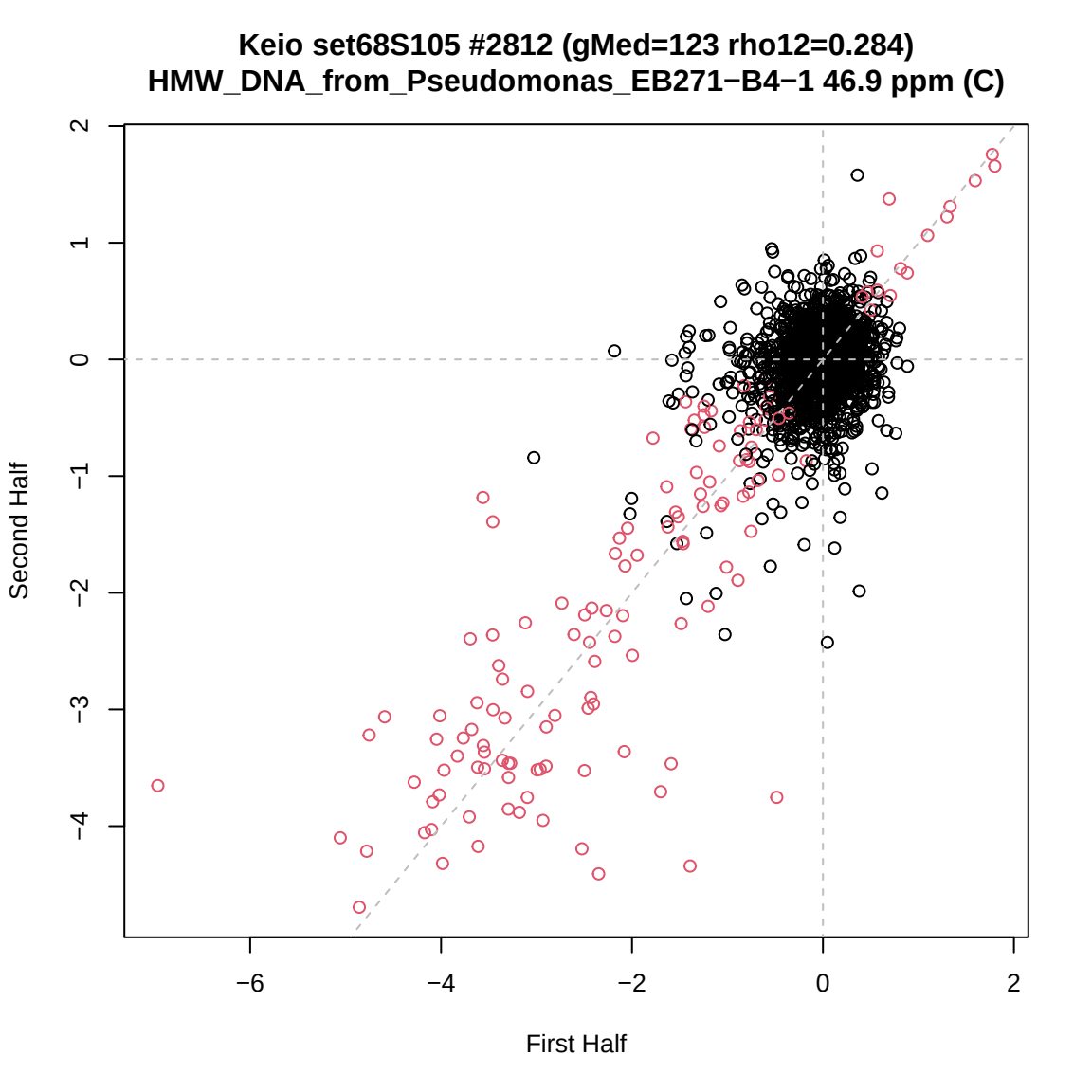

Keio set68S97 #2807 (gMed=488 rho12=0.130)
Time0
Second Half
First Half
2
1
0
−1
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

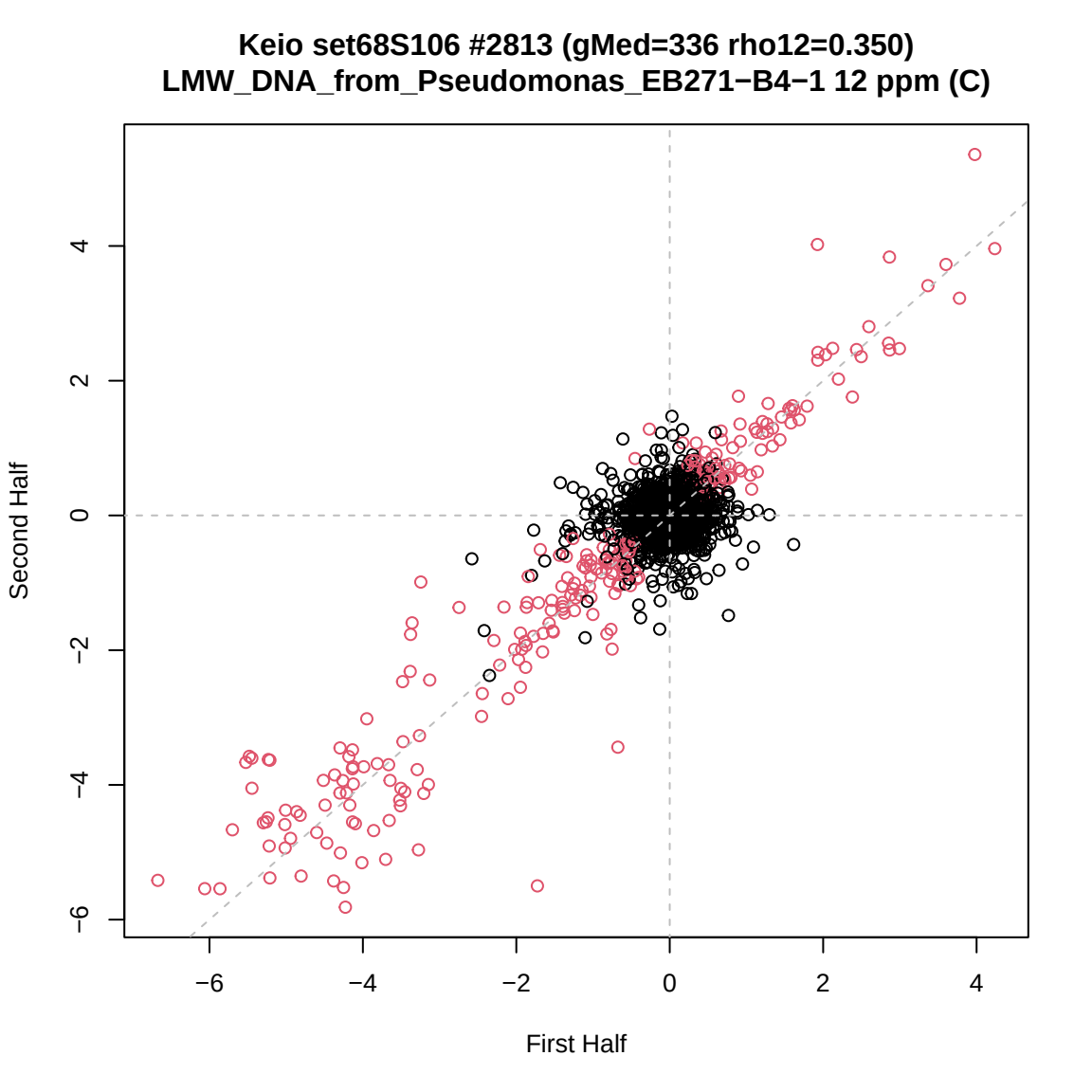

Keio set68S98 #2808 (gMed=500 rho12=0.130)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

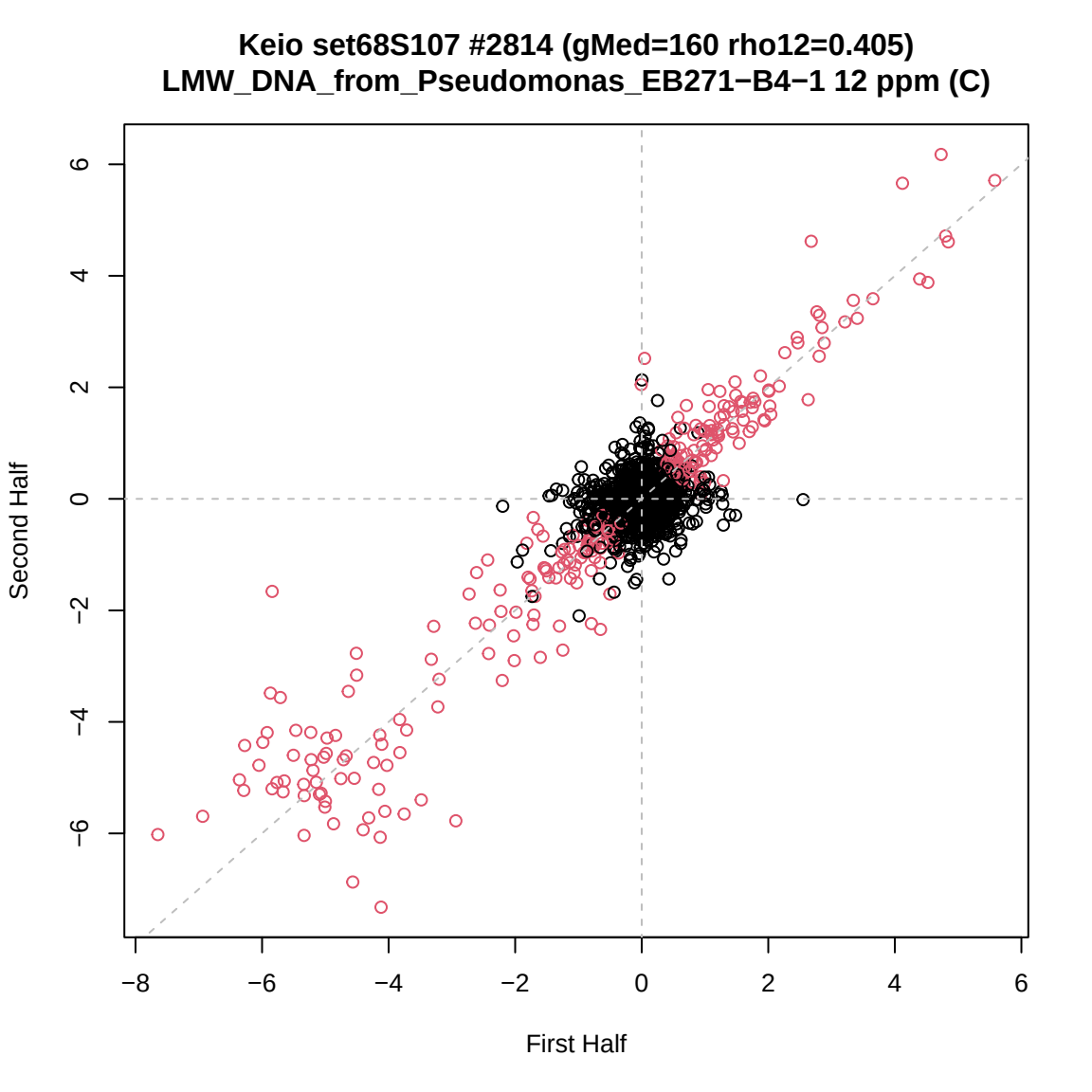

Keio set68S100 #2809 (gMed=302 rho12=0.412)
LMW_DNA_from_Lysinibacillus_FW301−JW8 7.7 ppm (C)
Second Half
First Half
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

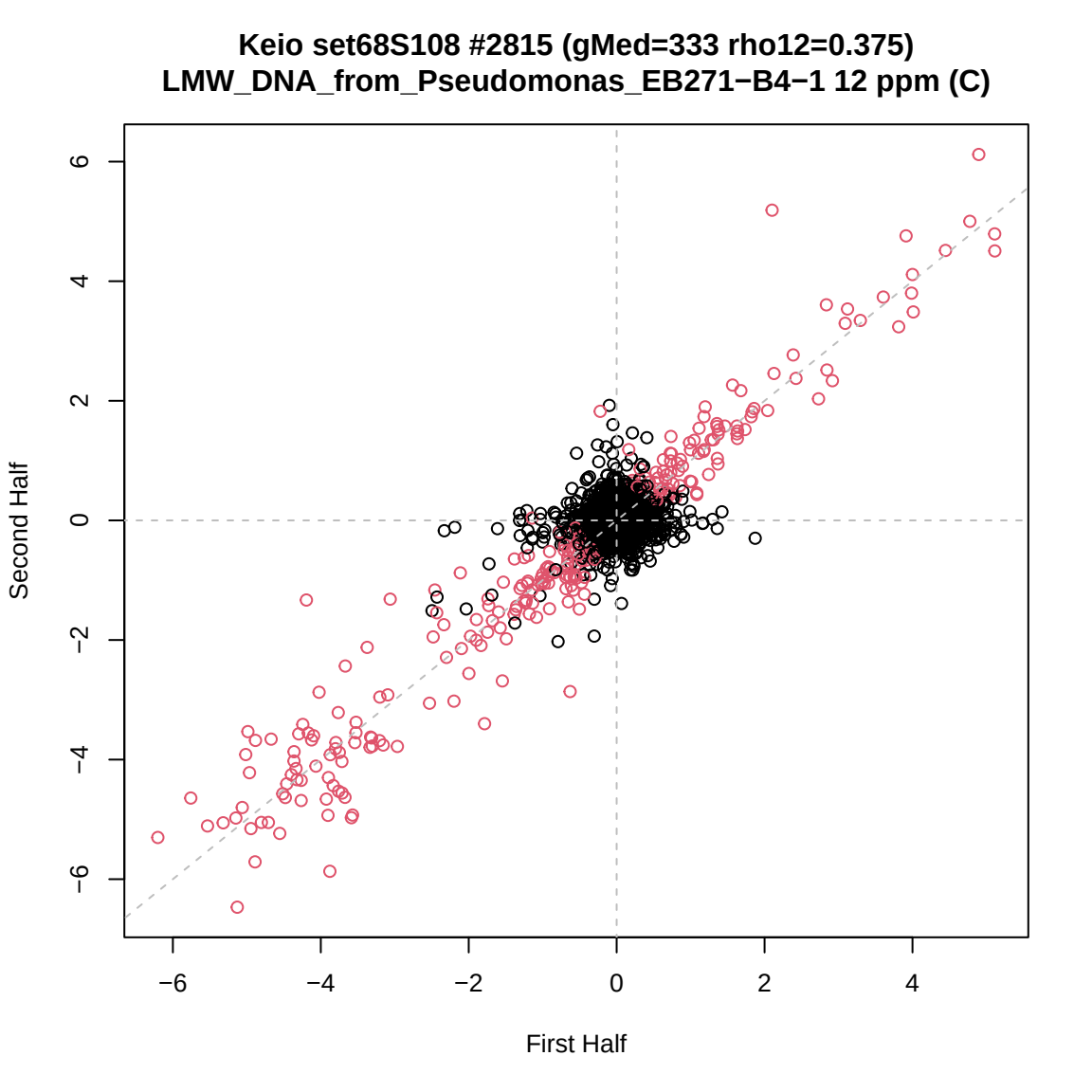

Keio set68S101 #2810 (gMed=382 rho12=0.314)
LMW_DNA_from_Lysinibacillus_FW301−JW8 7.7 ppm (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

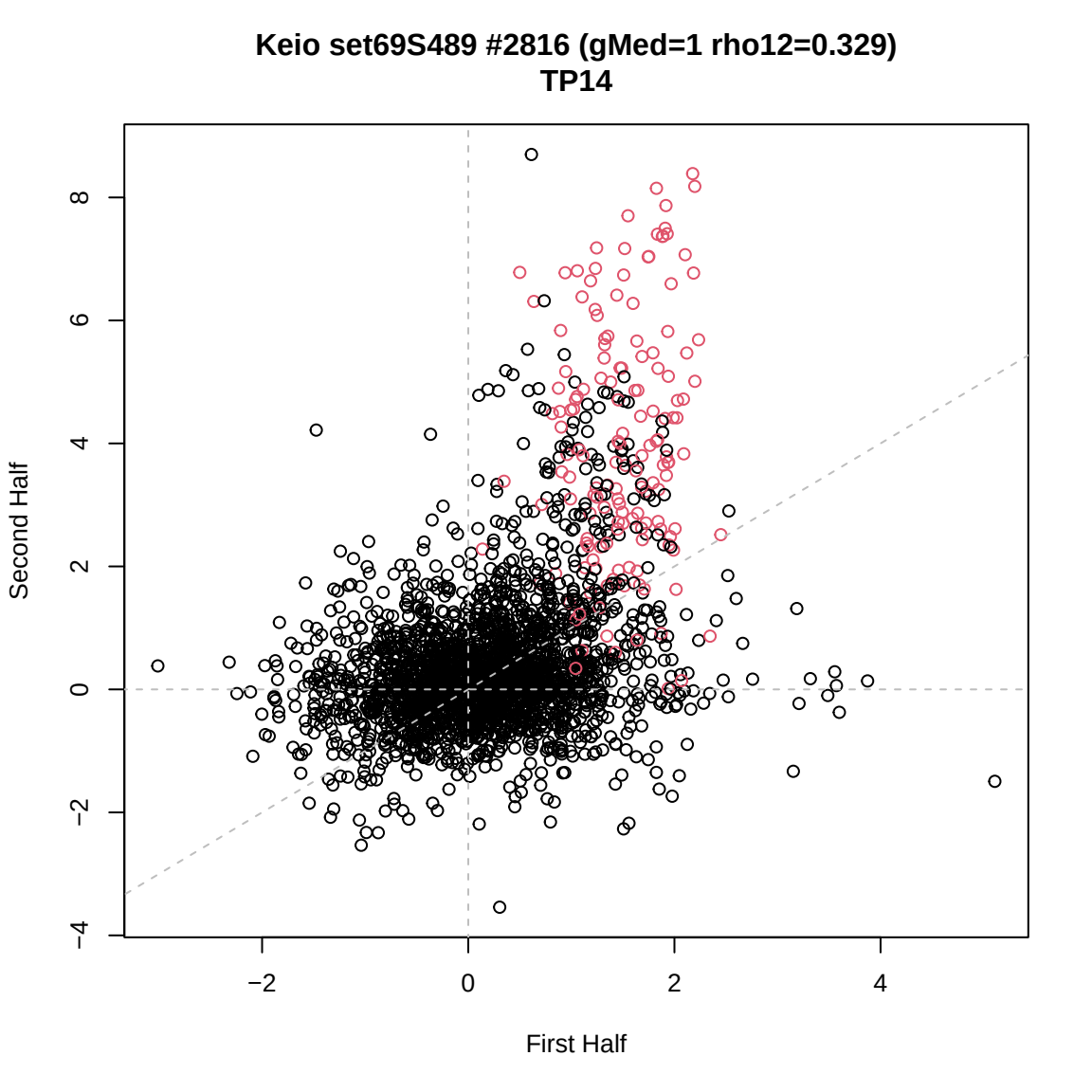

Keio set68S102 #2811 (gMed=209 rho12=0.406)
LMW_DNA_from_Lysinibacillus_FW301−JW8 7.7 ppm (C)
Second Half
First Half
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4

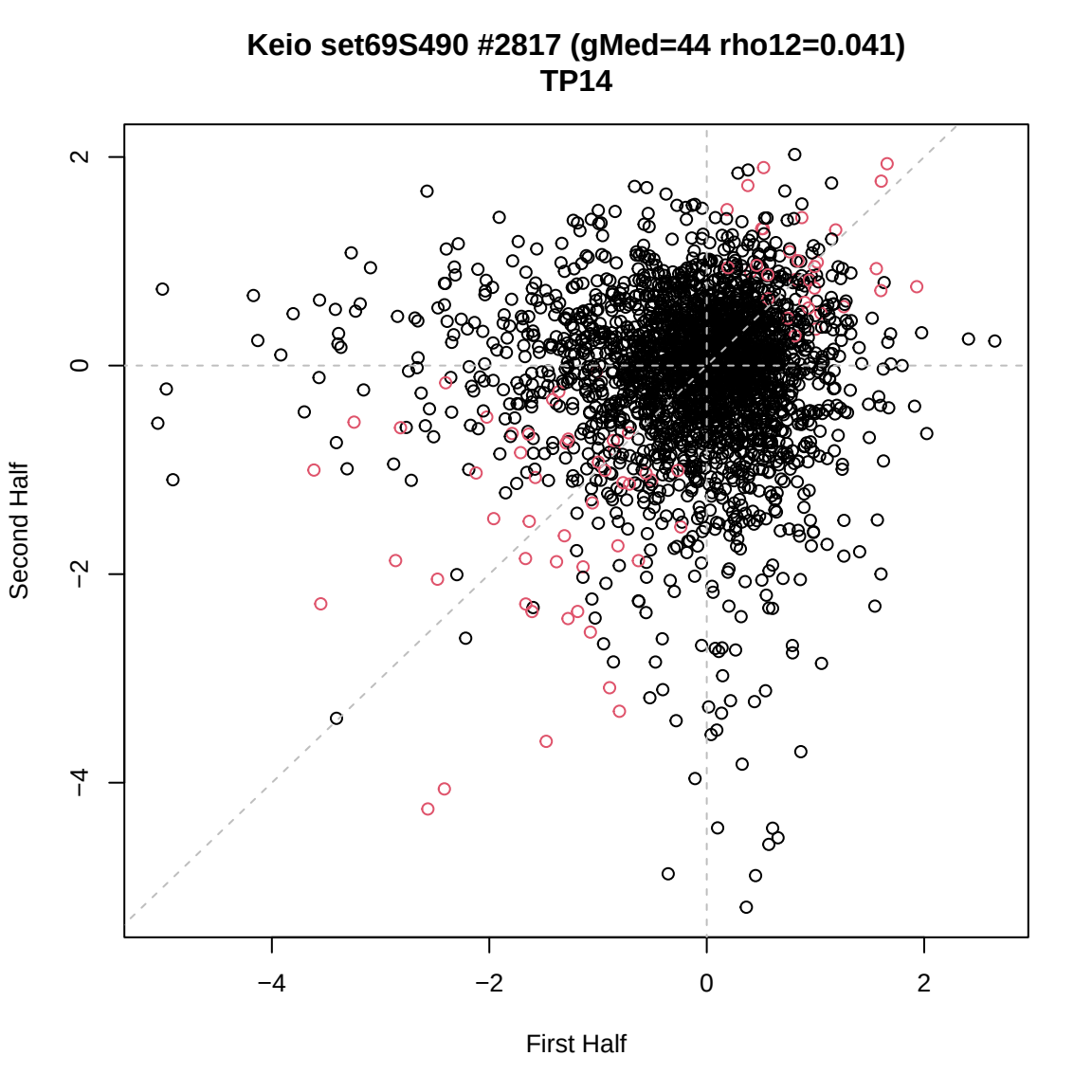

Keio set68S105 #2812 (gMed=123 rho12=0.284)
HMW_DNA_from_Pseudomonas_EB271−B4−1 46.9 ppm (C)
Second Half
First Half
2
1
0
−1
−2
−3
−4
−6
−4
−2
0
2

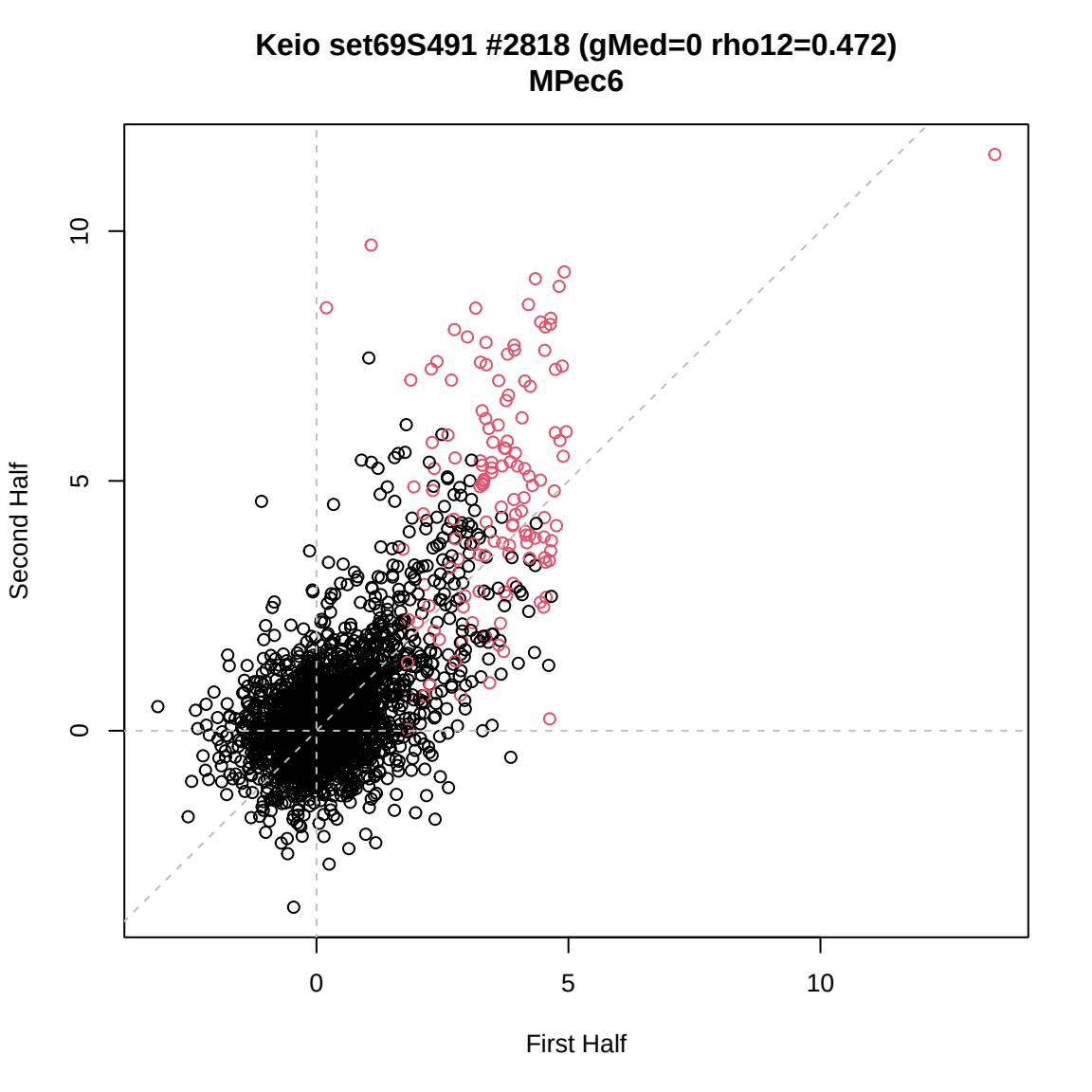

Keio set68S106 #2813 (gMed=336 rho12=0.350)
LMW_DNA_from_Pseudomonas_EB271−B4−1 12 ppm (C)
Second Half
First Half
−6
−4
−2
0
2
4

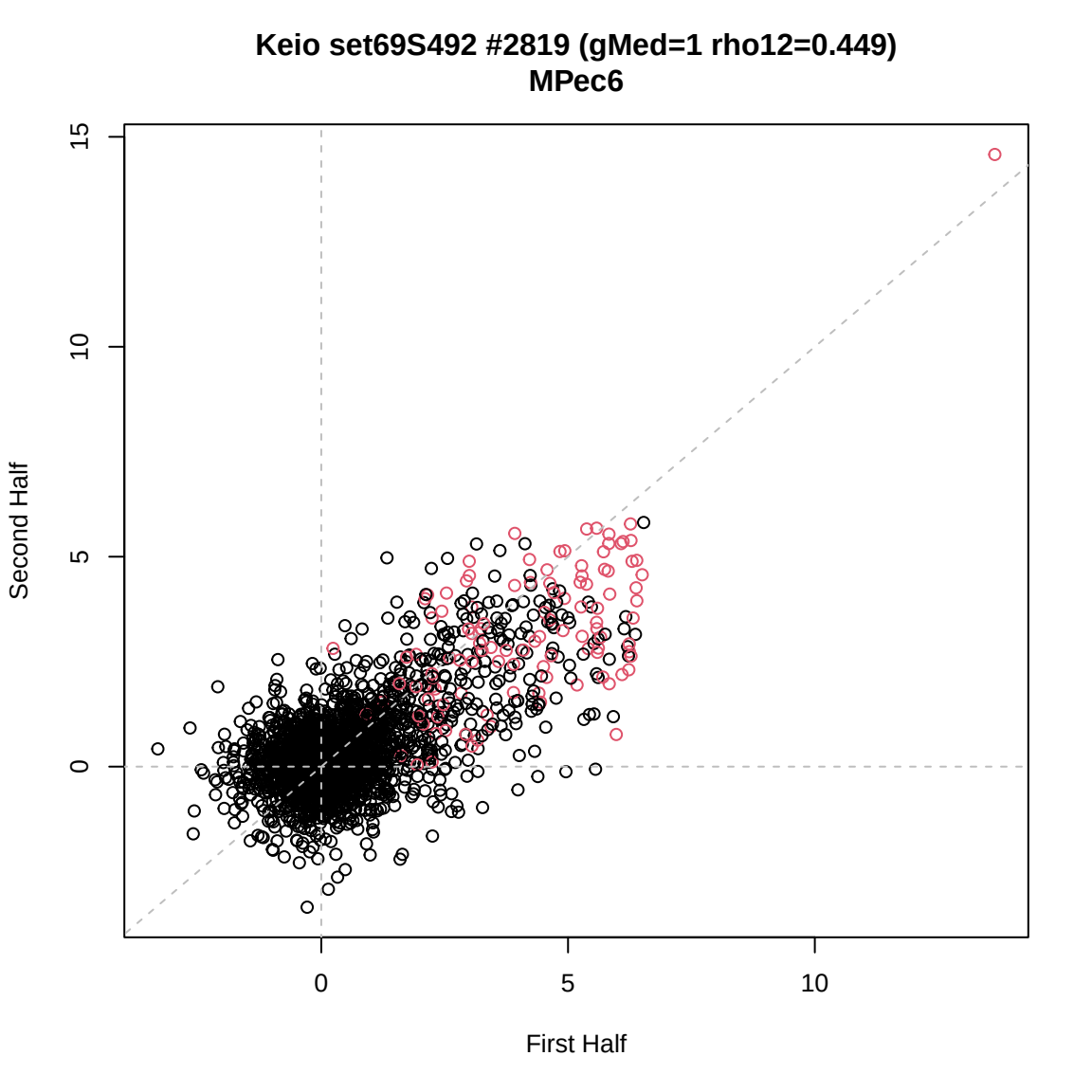

Keio set68S107 #2814 (gMed=160 rho12=0.405)
LMW_DNA_from_Pseudomonas_EB271−B4−1 12 ppm (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4
6

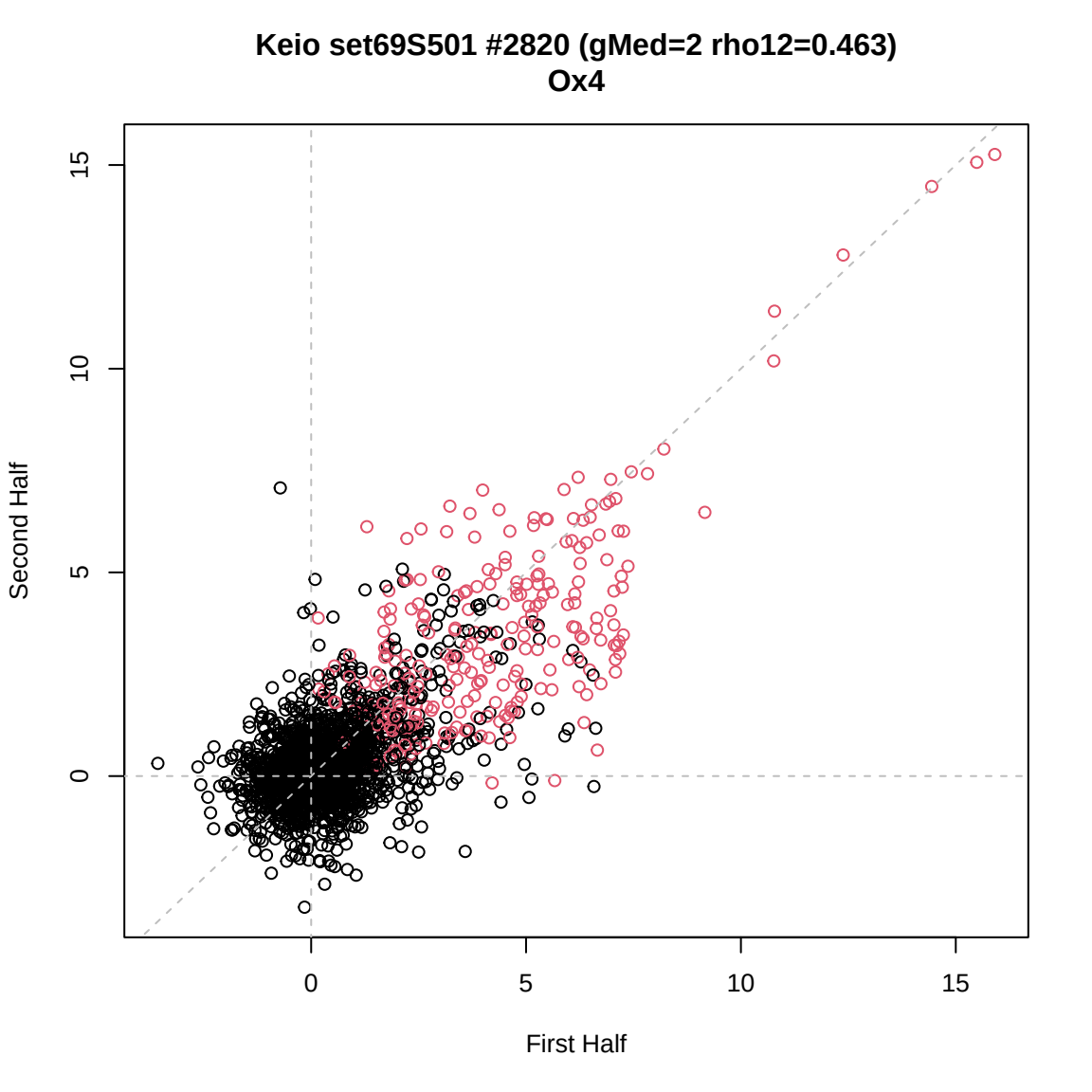

Keio set68S108 #2815 (gMed=333 rho12=0.375)
LMW_DNA_from_Pseudomonas_EB271−B4−1 12 ppm (C)
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

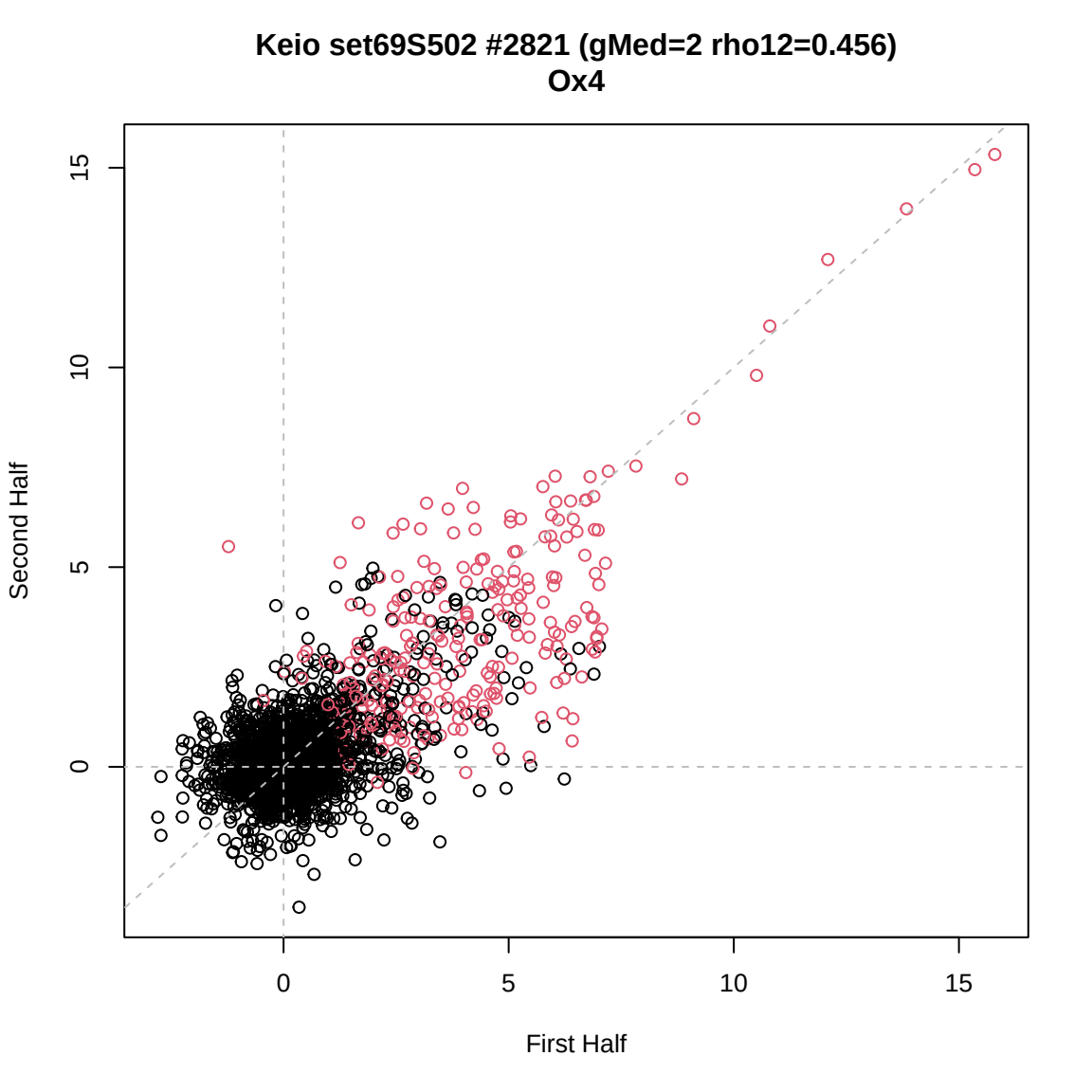

Keio set69S489 #2816 (gMed=1 rho12=0.329)
TP14
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4

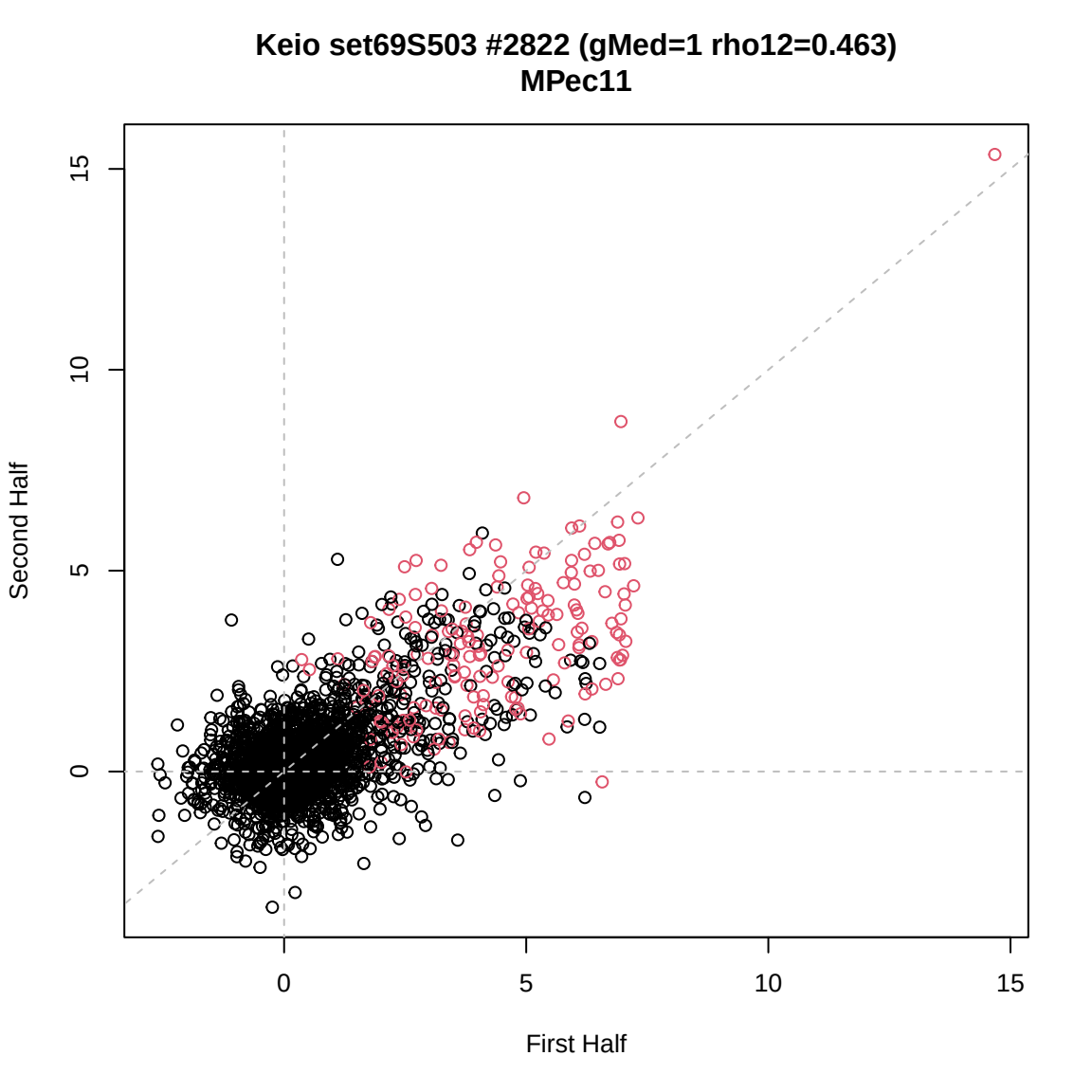

Keio set69S490 #2817 (gMed=44 rho12=0.041)
TP14
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

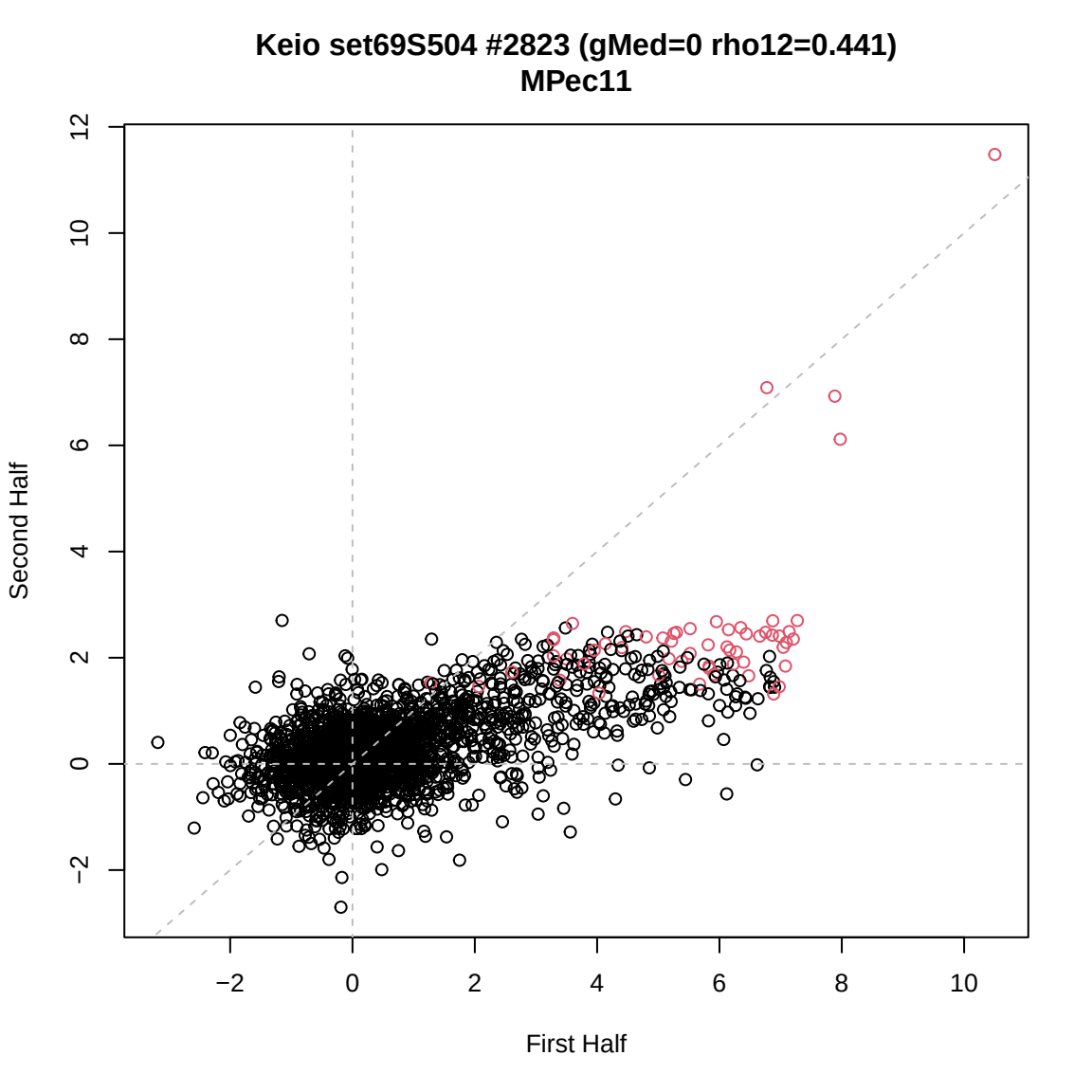

Keio set69S491 #2818 (gMed=0 rho12=0.472)
MPec6
Second Half
First Half
0
5
10
0
5
10

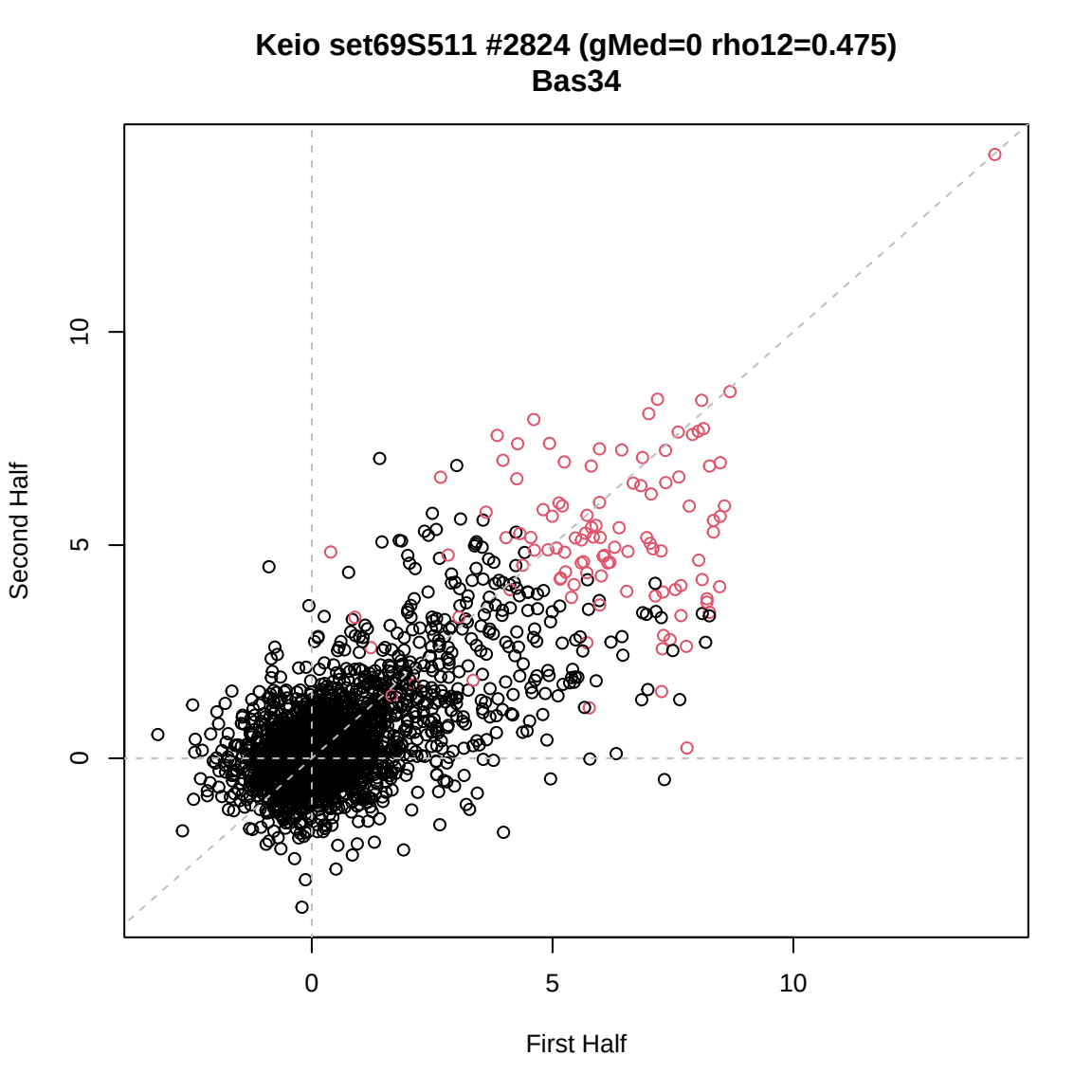

Keio set69S492 #2819 (gMed=1 rho12=0.449)
MPec6
Second Half
First Half
15
10
5
0
0
5
10

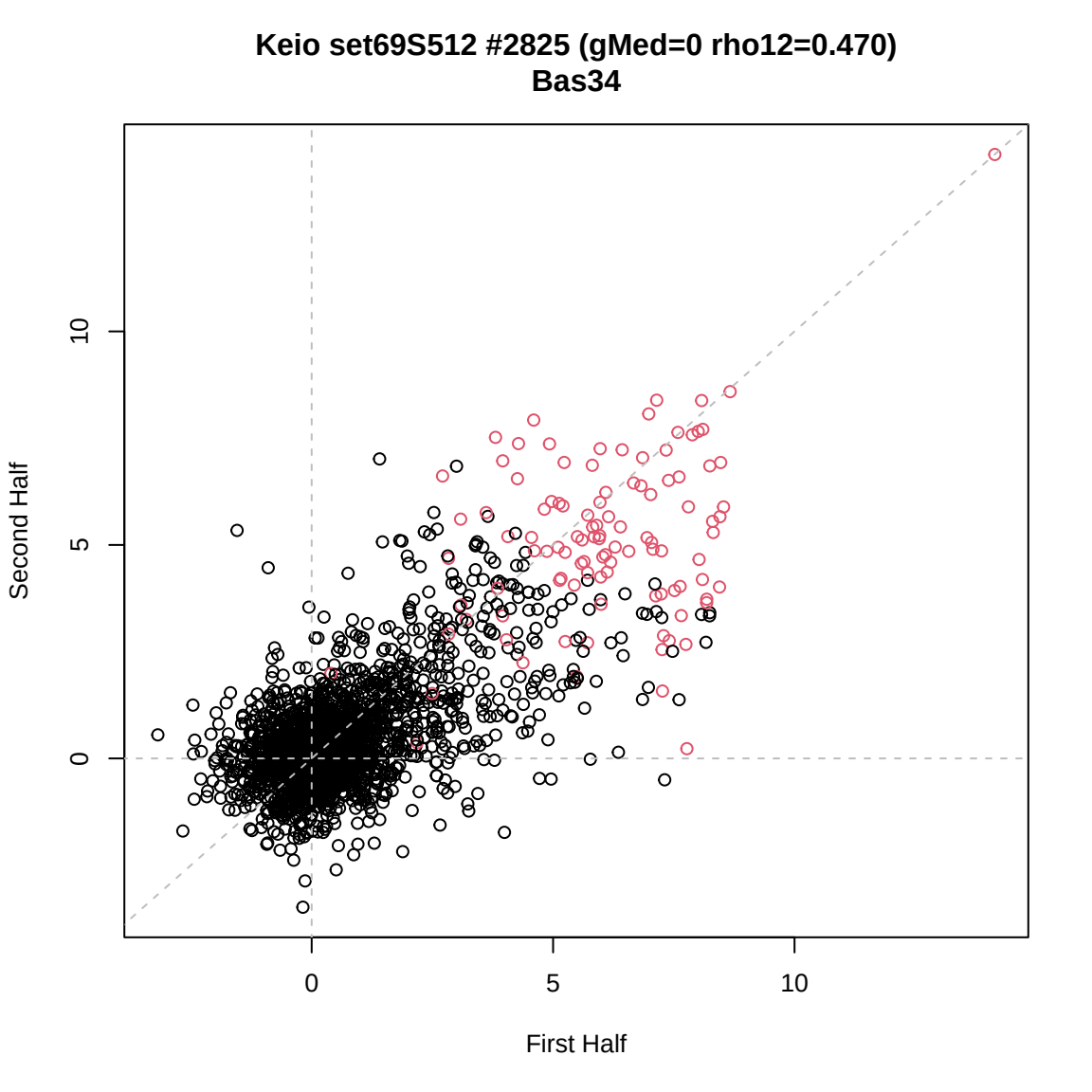

Keio set69S501 #2820 (gMed=2 rho12=0.463)
Ox4
Second Half
First Half
0
5
10
15

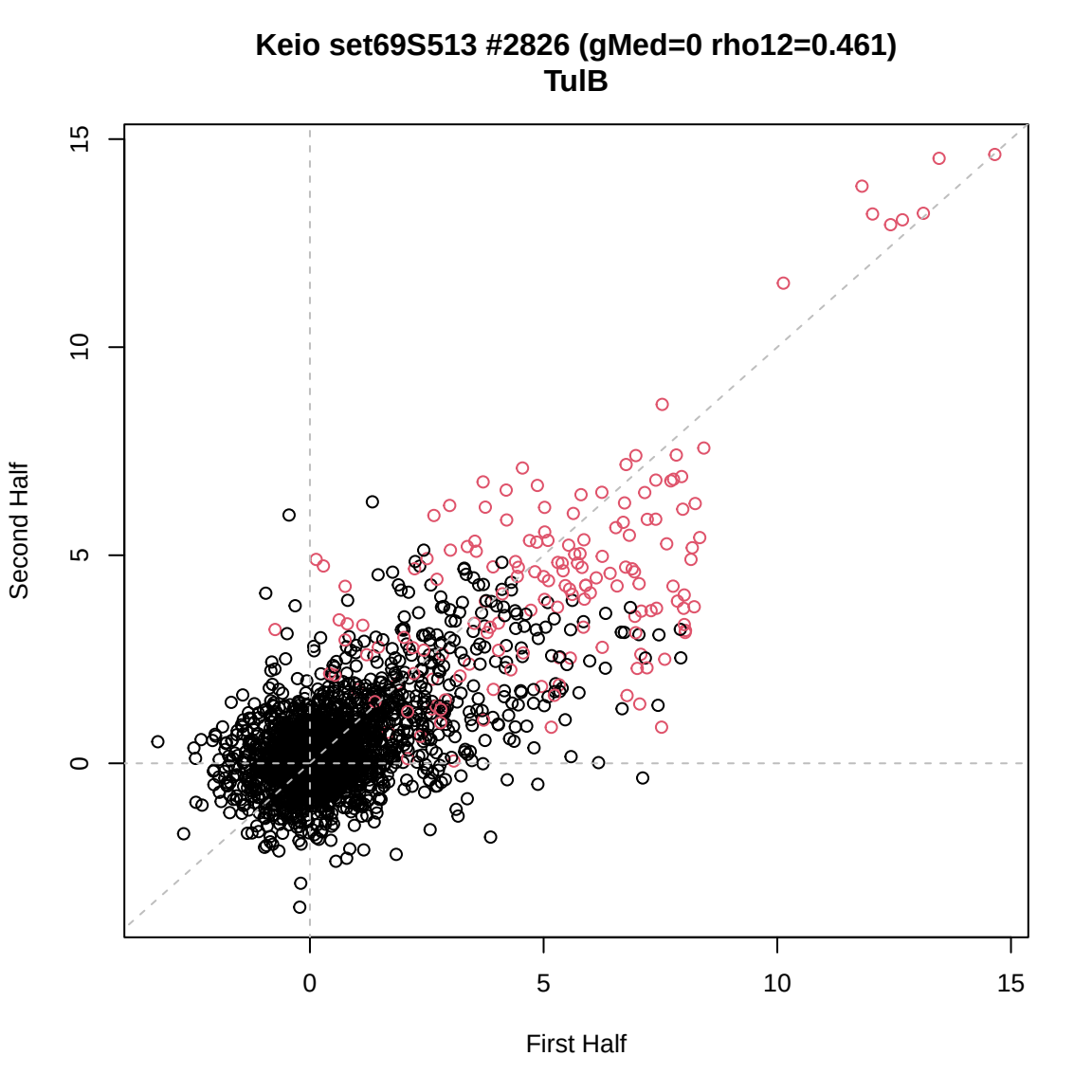

Keio set69S502 #2821 (gMed=2 rho12=0.456)
Ox4
Second Half
First Half
0
5
10
15

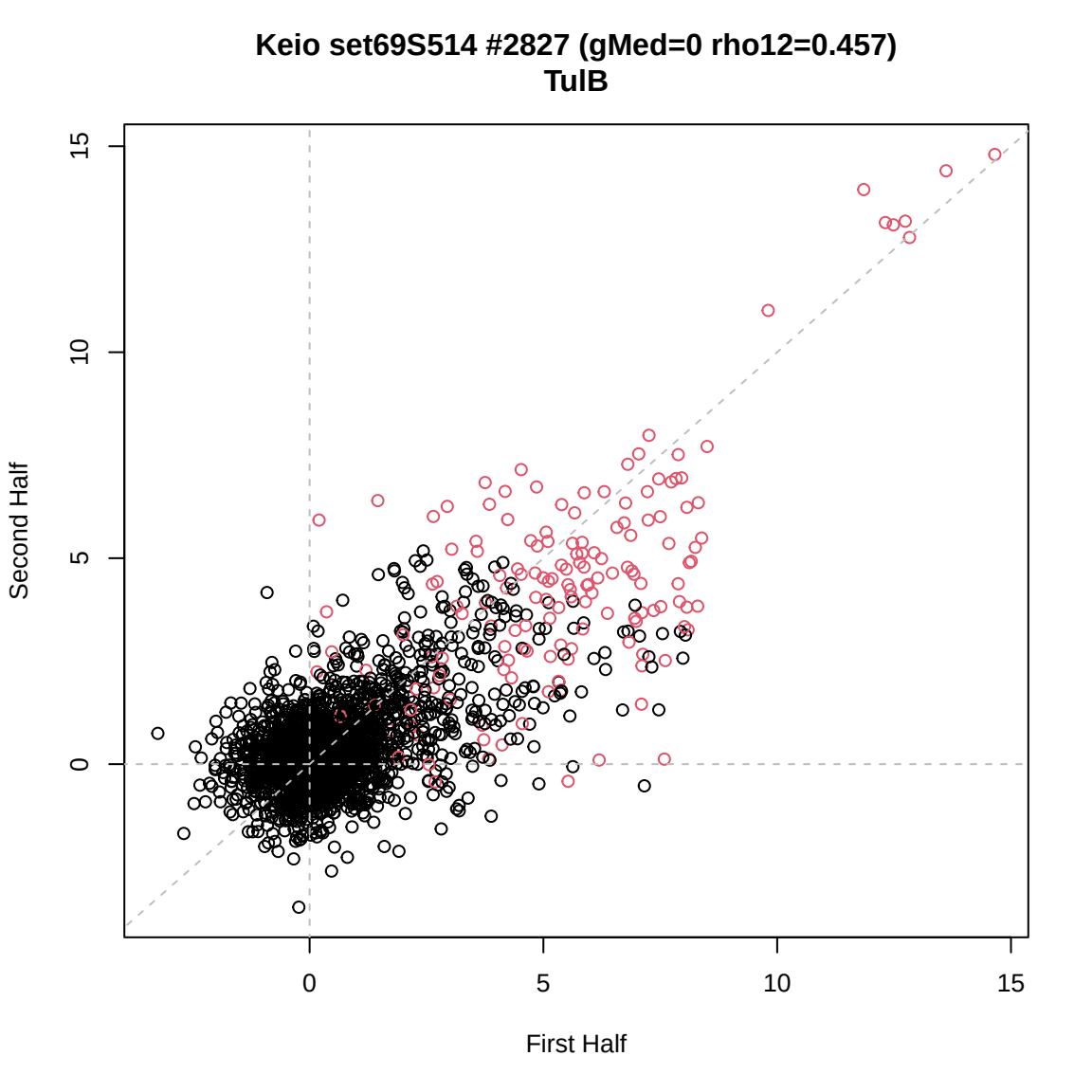

Keio set69S503 #2822 (gMed=1 rho12=0.463)
MPec11
Second Half
First Half
0
5
10
15

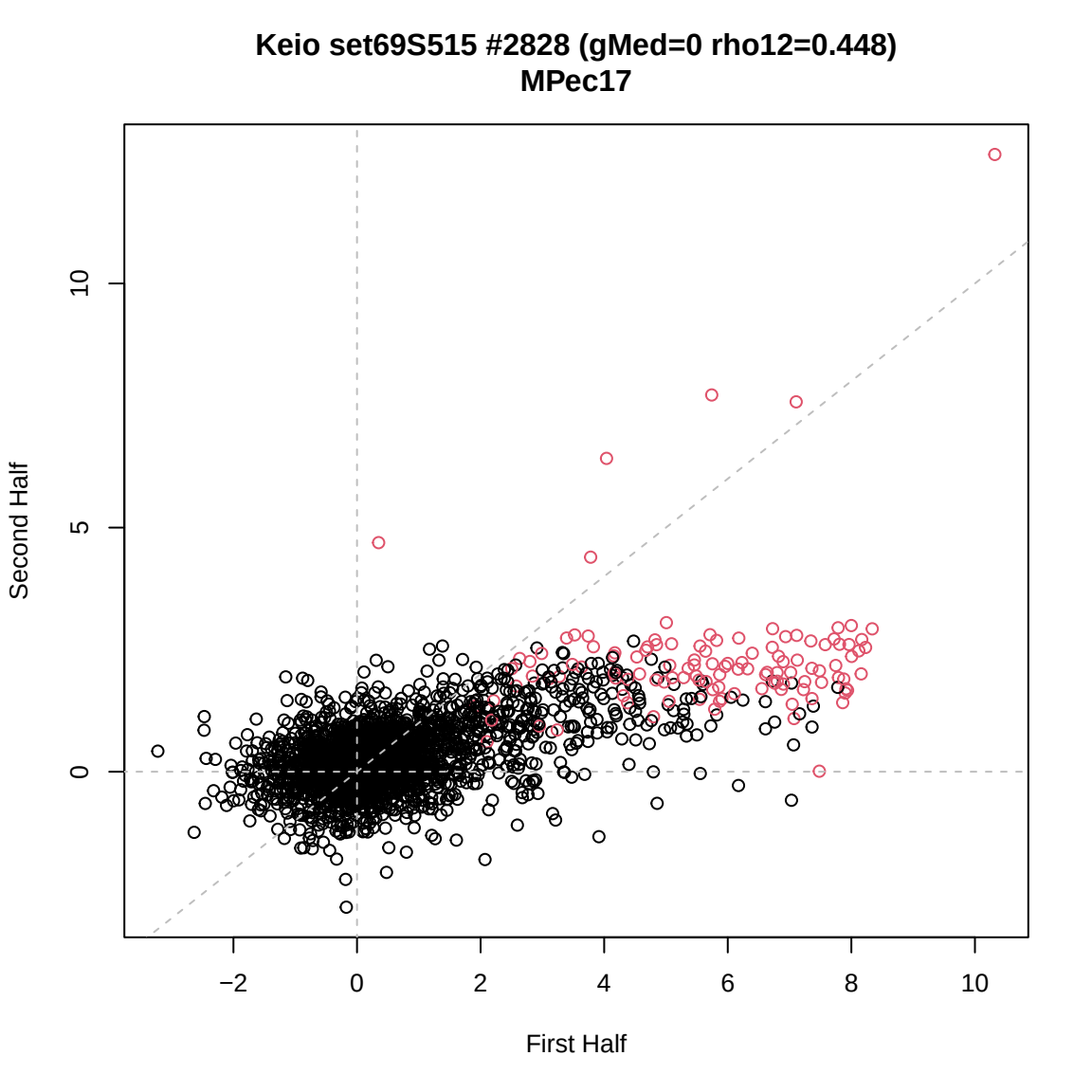

Keio set69S504 #2823 (gMed=0 rho12=0.441)
MPec11
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

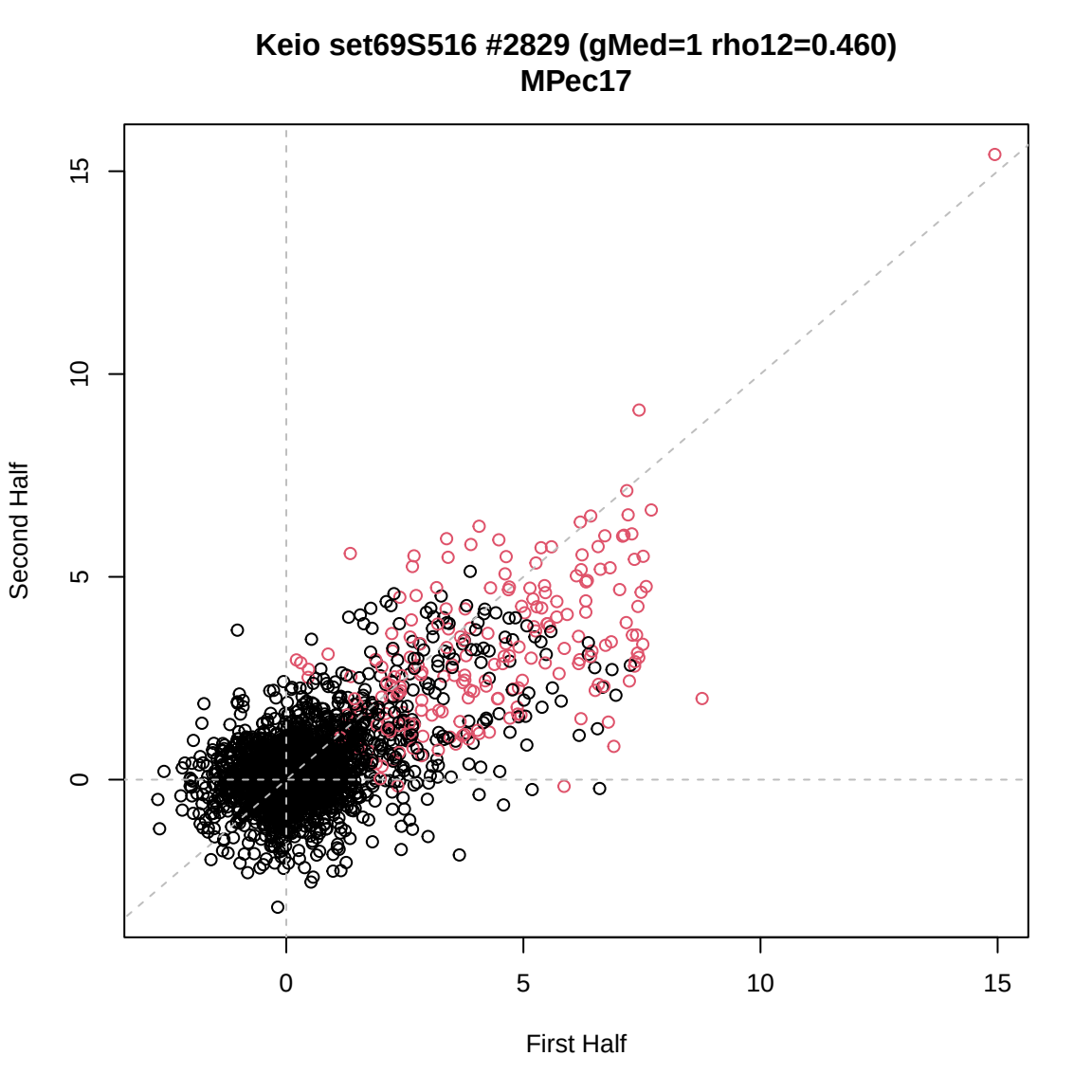

Keio set69S511 #2824 (gMed=0 rho12=0.475)
Bas34
Second Half
First Half
0
5
10
0
5
10

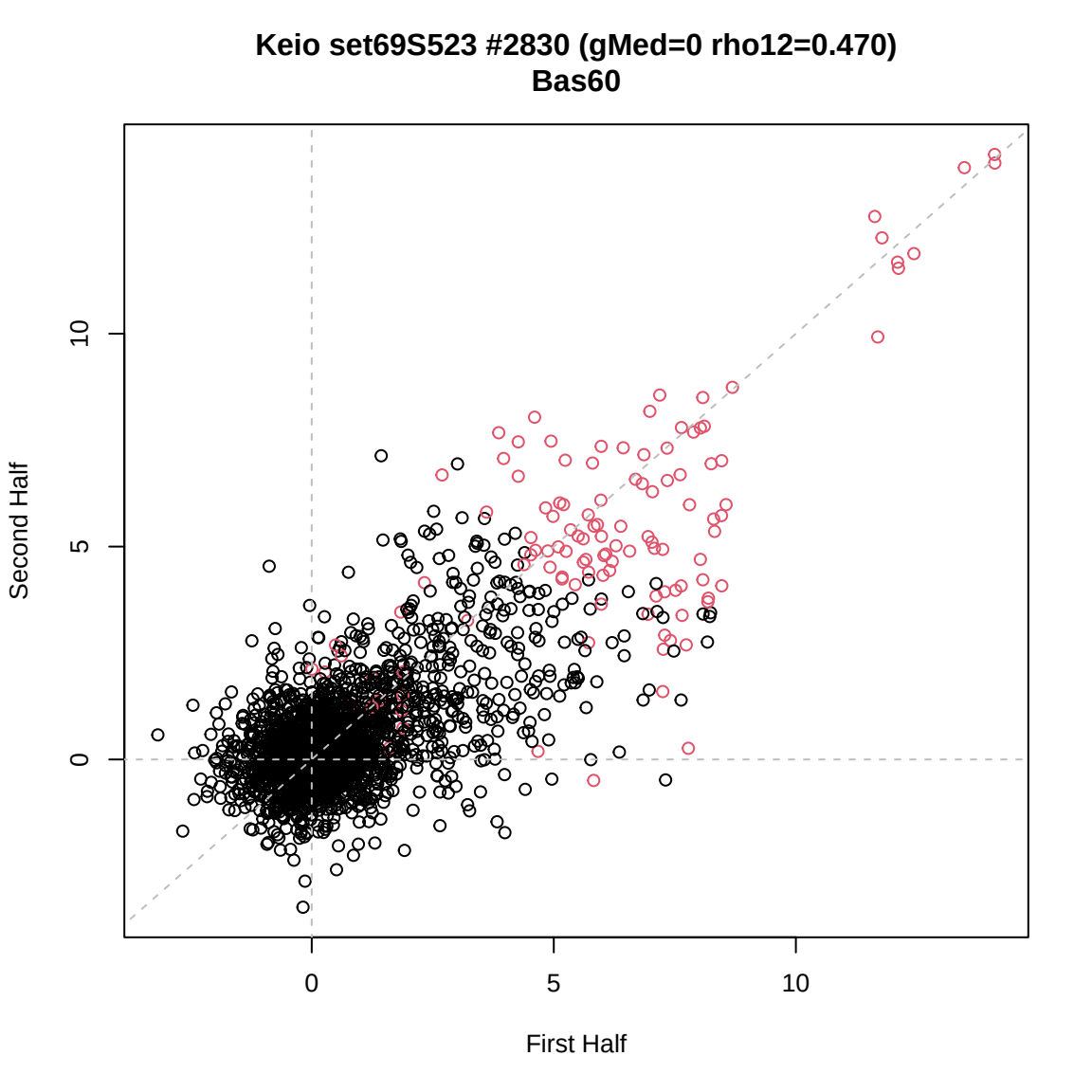

Keio set69S512 #2825 (gMed=0 rho12=0.470)
Bas34
Second Half
First Half
0
5
10
0
5
10

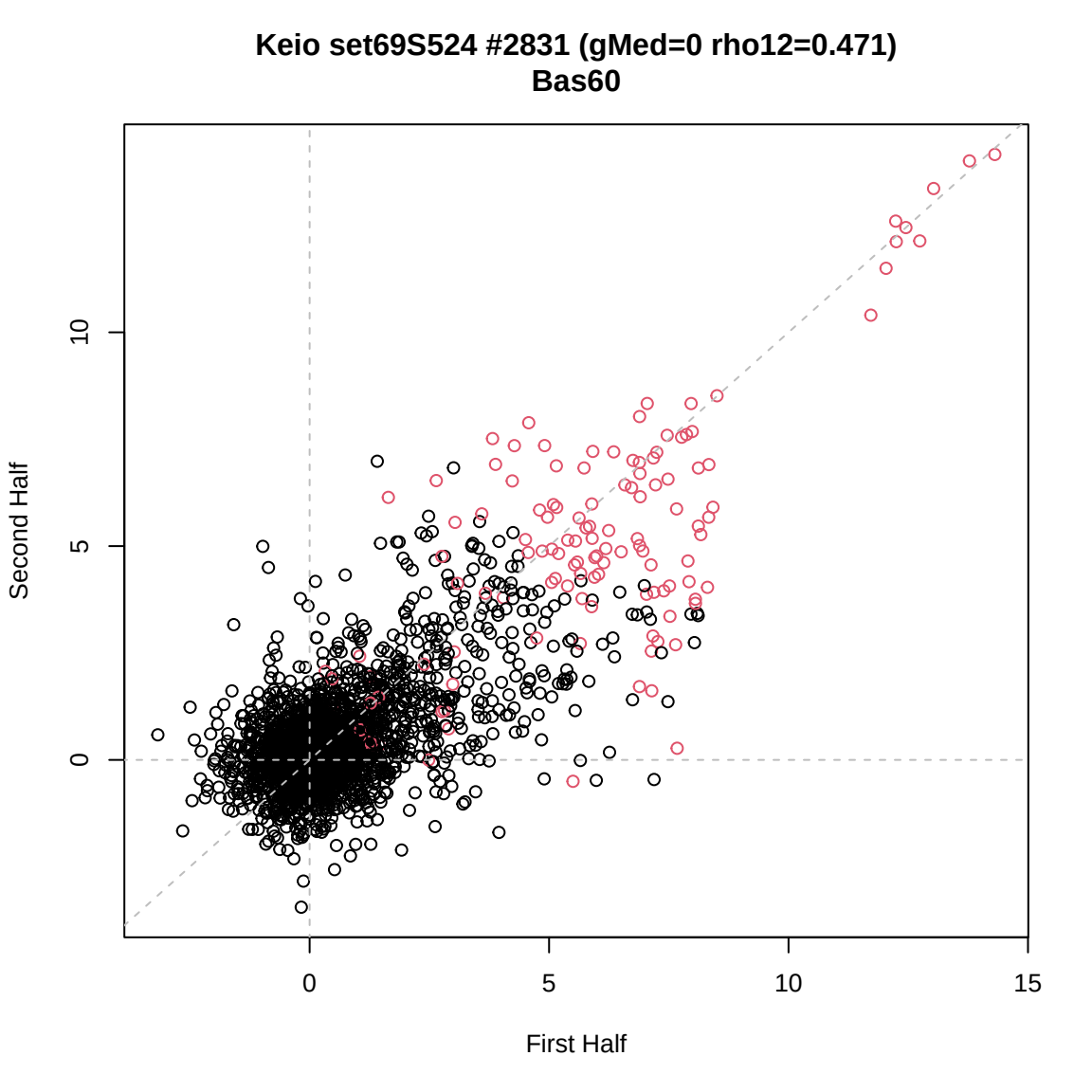

Keio set69S513 #2826 (gMed=0 rho12=0.461)
TulB
Second Half
First Half
0
5
10
15

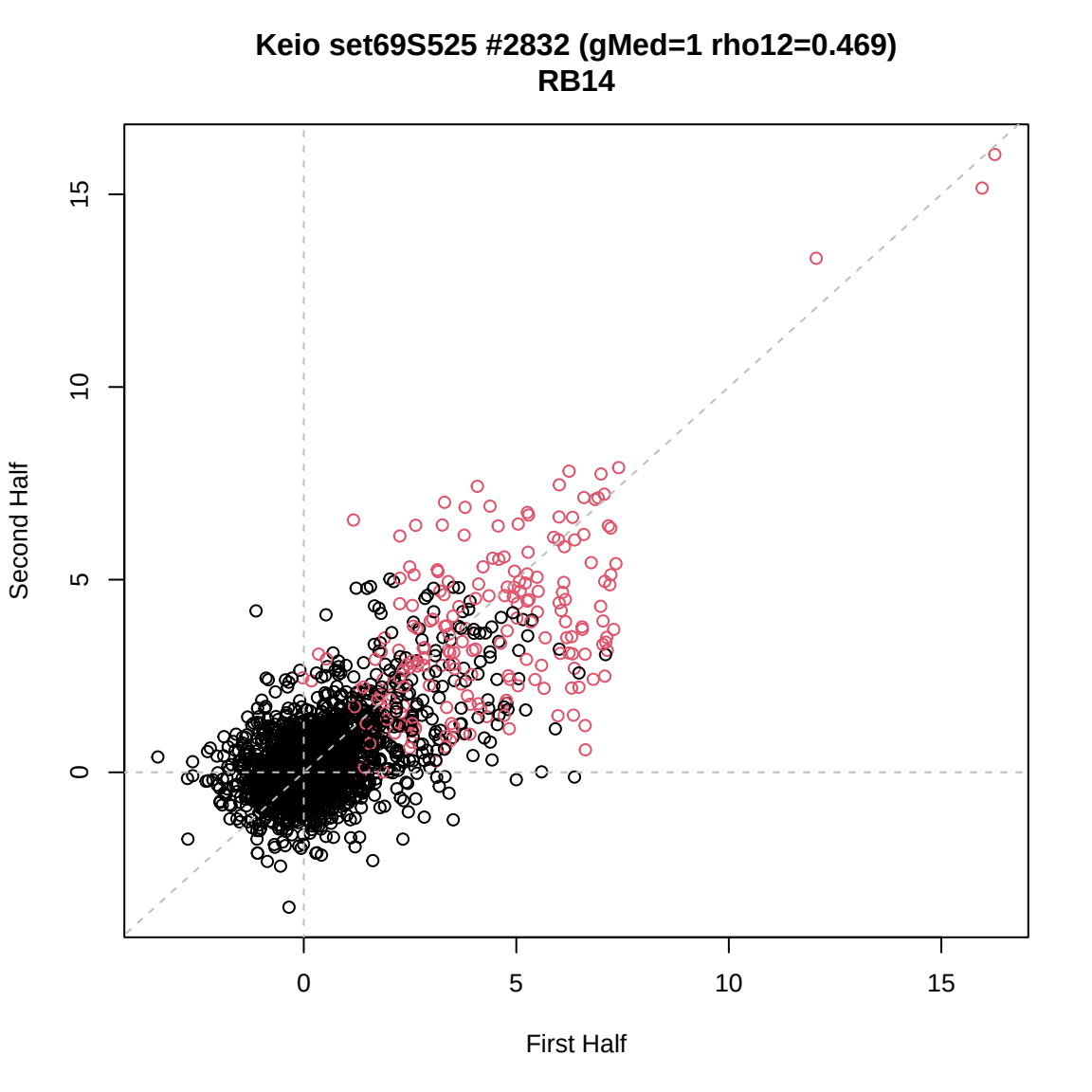

Keio set69S514 #2827 (gMed=0 rho12=0.457)
TulB
Second Half
First Half
0
5
10
15

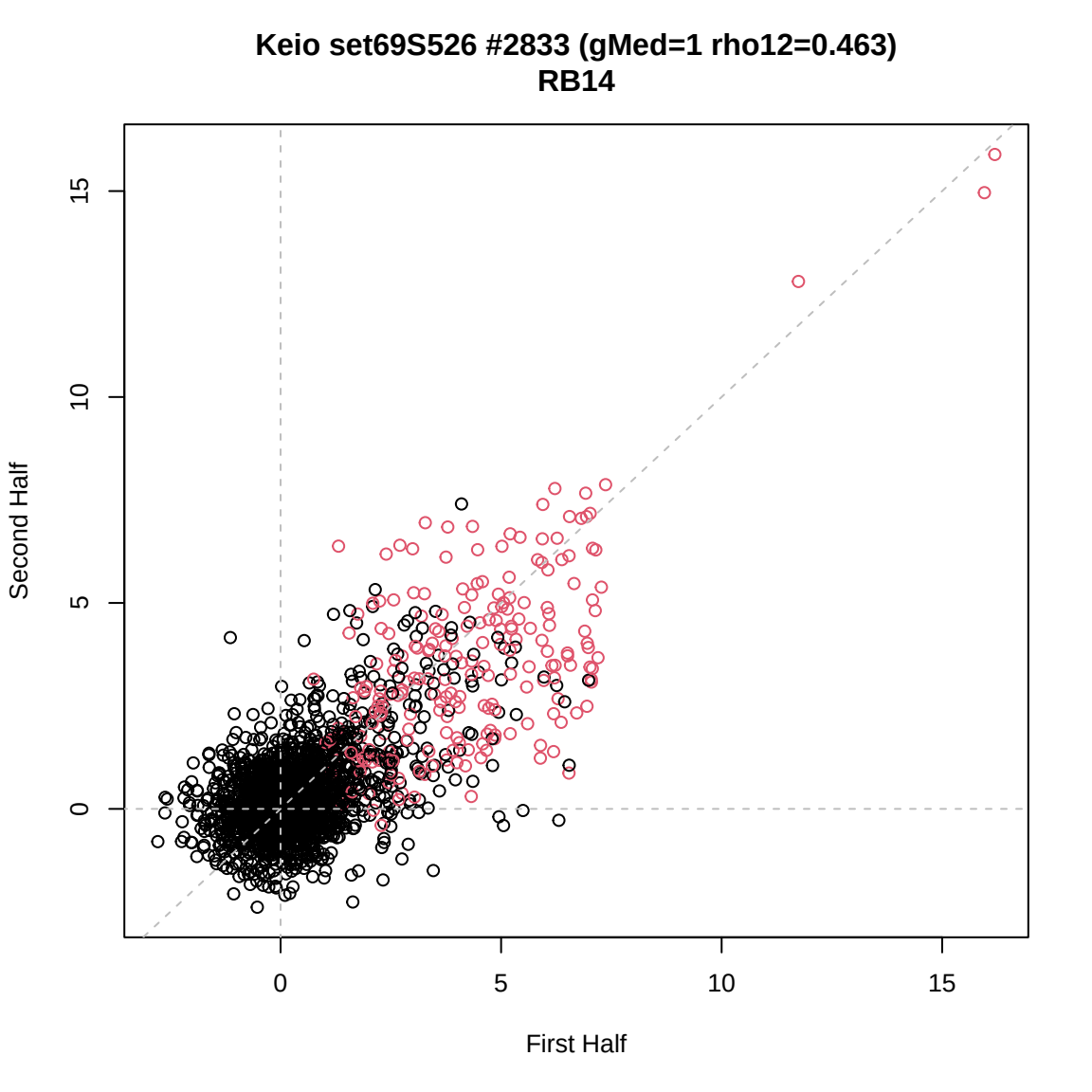

Keio set69S515 #2828 (gMed=0 rho12=0.448)
MPec17
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

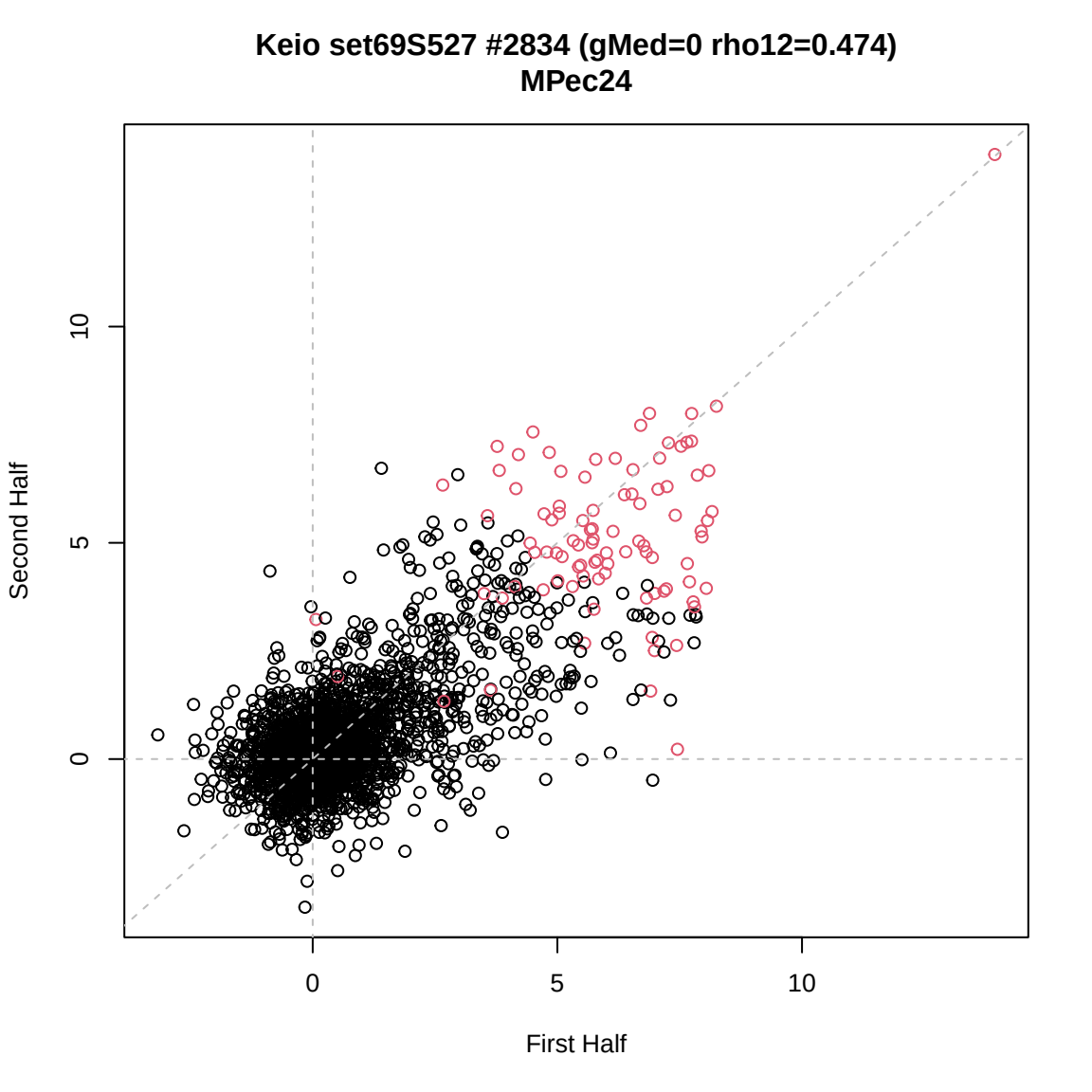

Keio set69S516 #2829 (gMed=1 rho12=0.460)
MPec17
Second Half
First Half
0
5
10
15

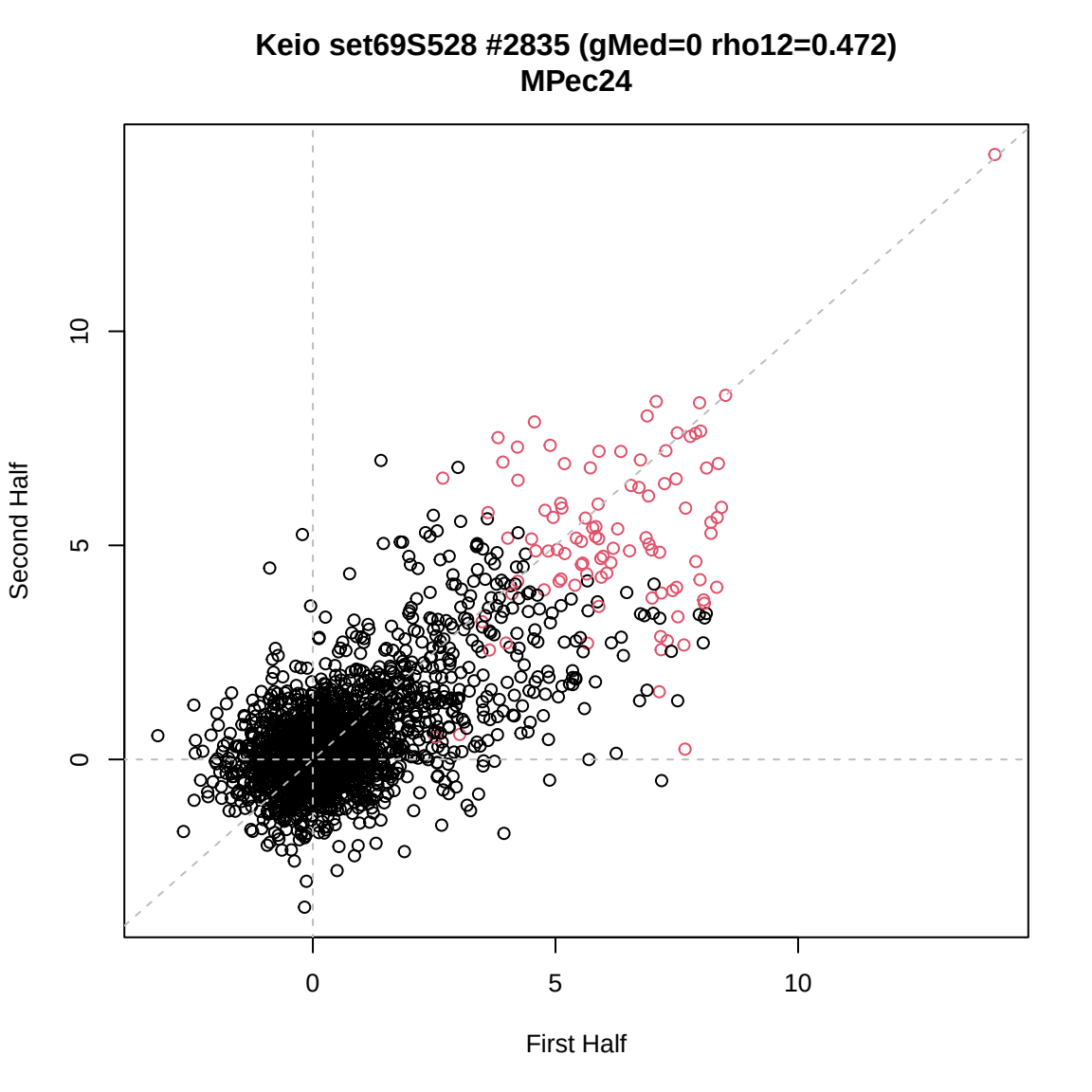

Keio set69S523 #2830 (gMed=0 rho12=0.470)
Bas60
Second Half
First Half
0
5
10
0
5
10

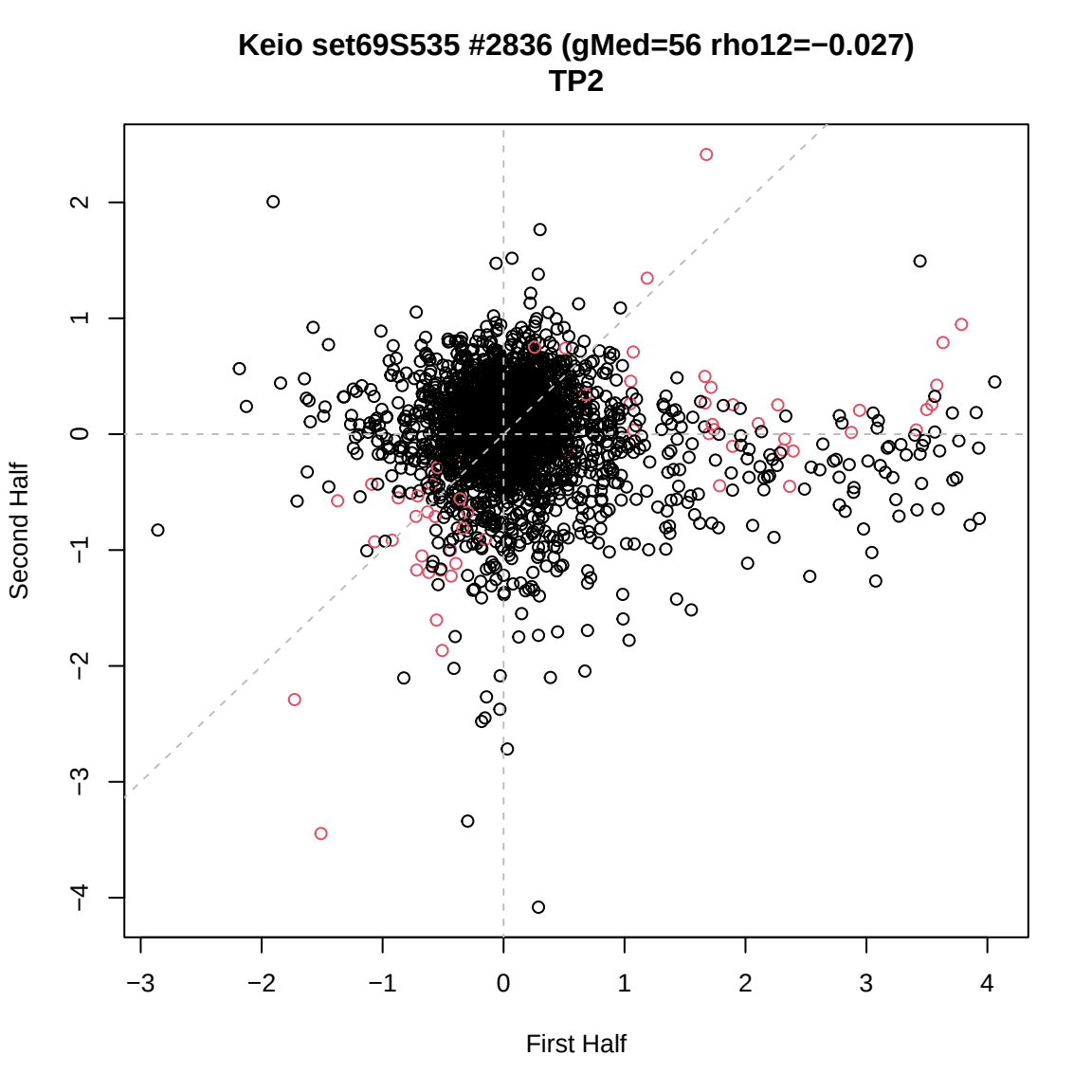

Keio set69S524 #2831 (gMed=0 rho12=0.471)
Bas60
Second Half
First Half
0
5
10
15

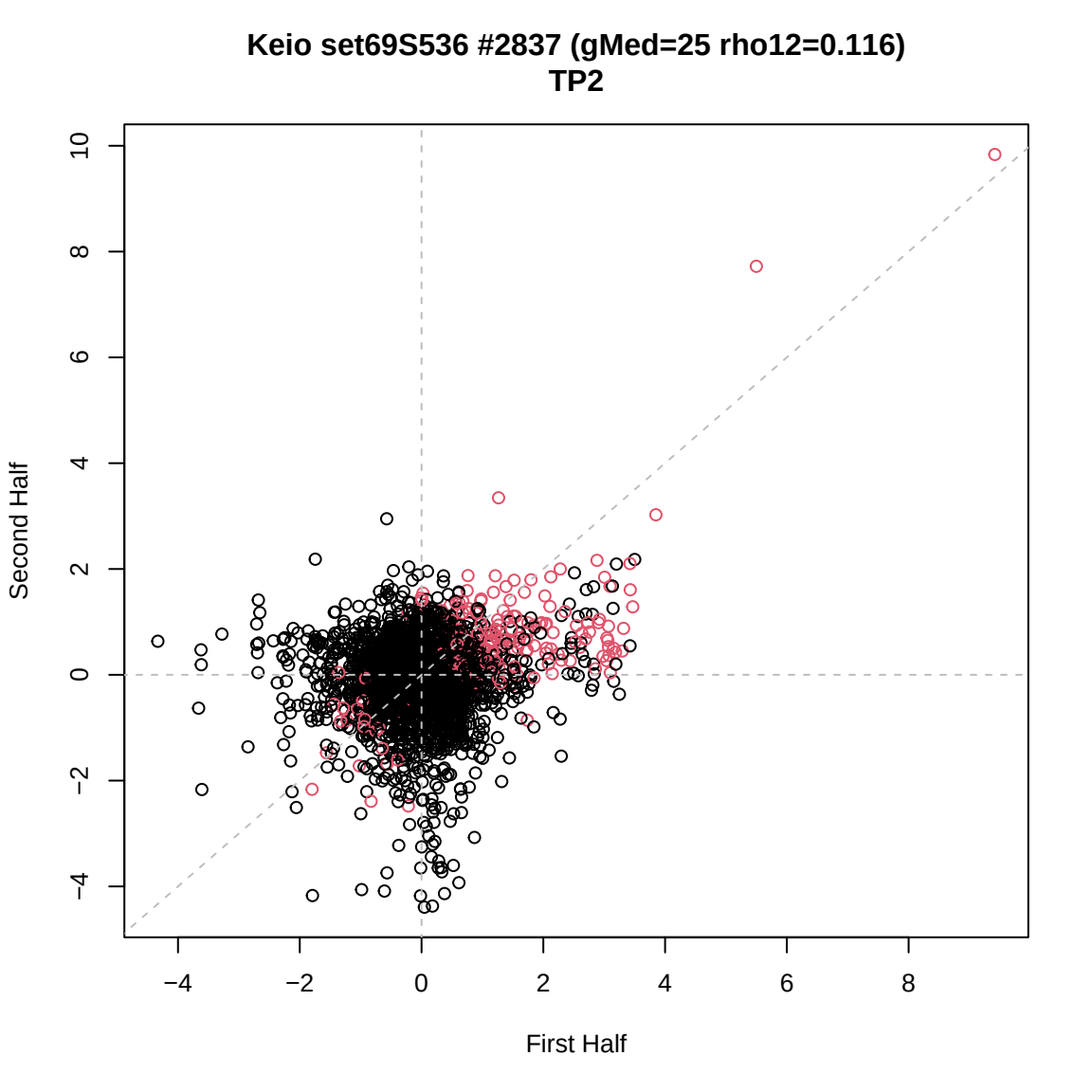

Keio set69S525 #2832 (gMed=1 rho12=0.469)
RB14
Second Half
First Half
0
5
10
15

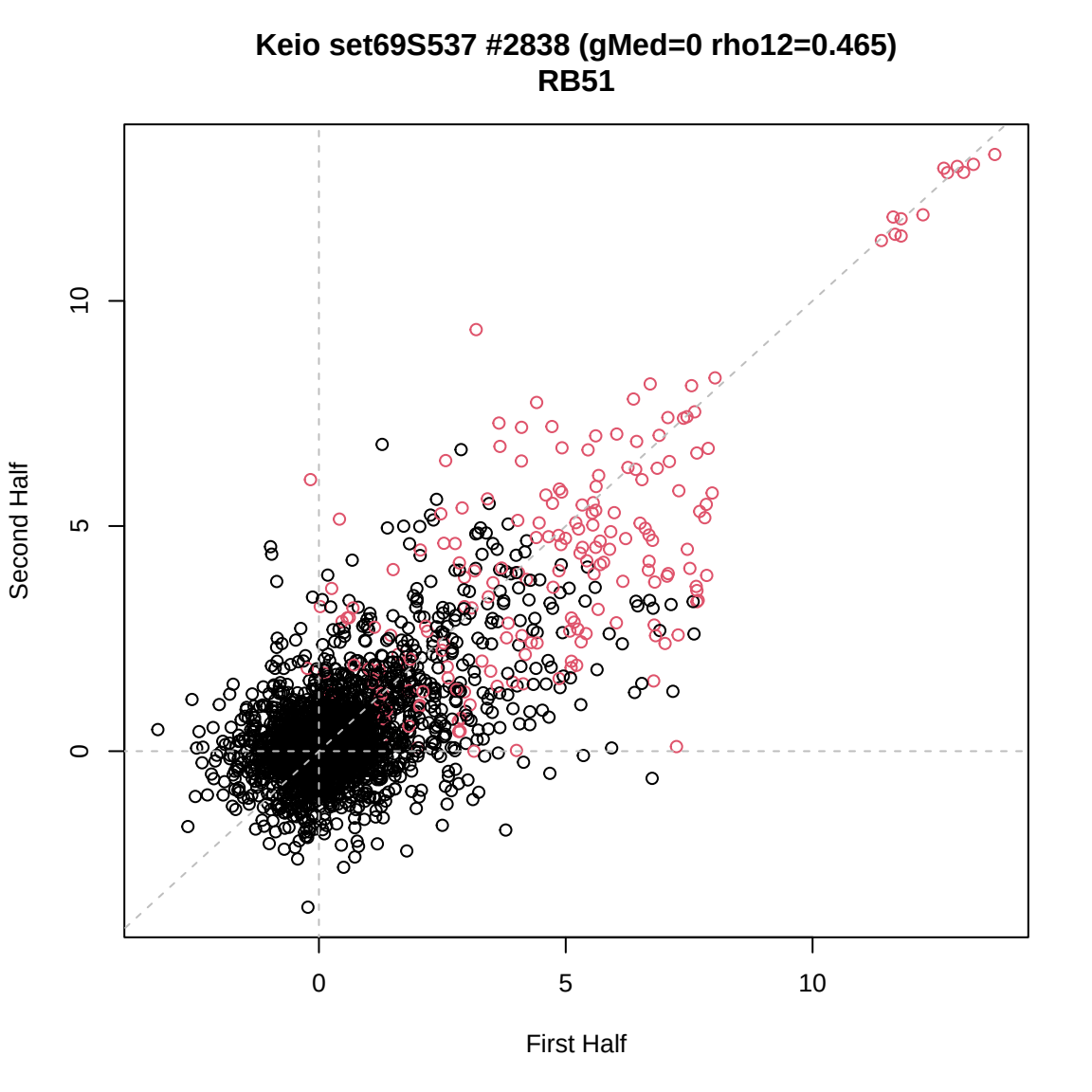

Keio set69S526 #2833 (gMed=1 rho12=0.463)
RB14
Second Half
First Half
0
5
10
15
0
5
10
15

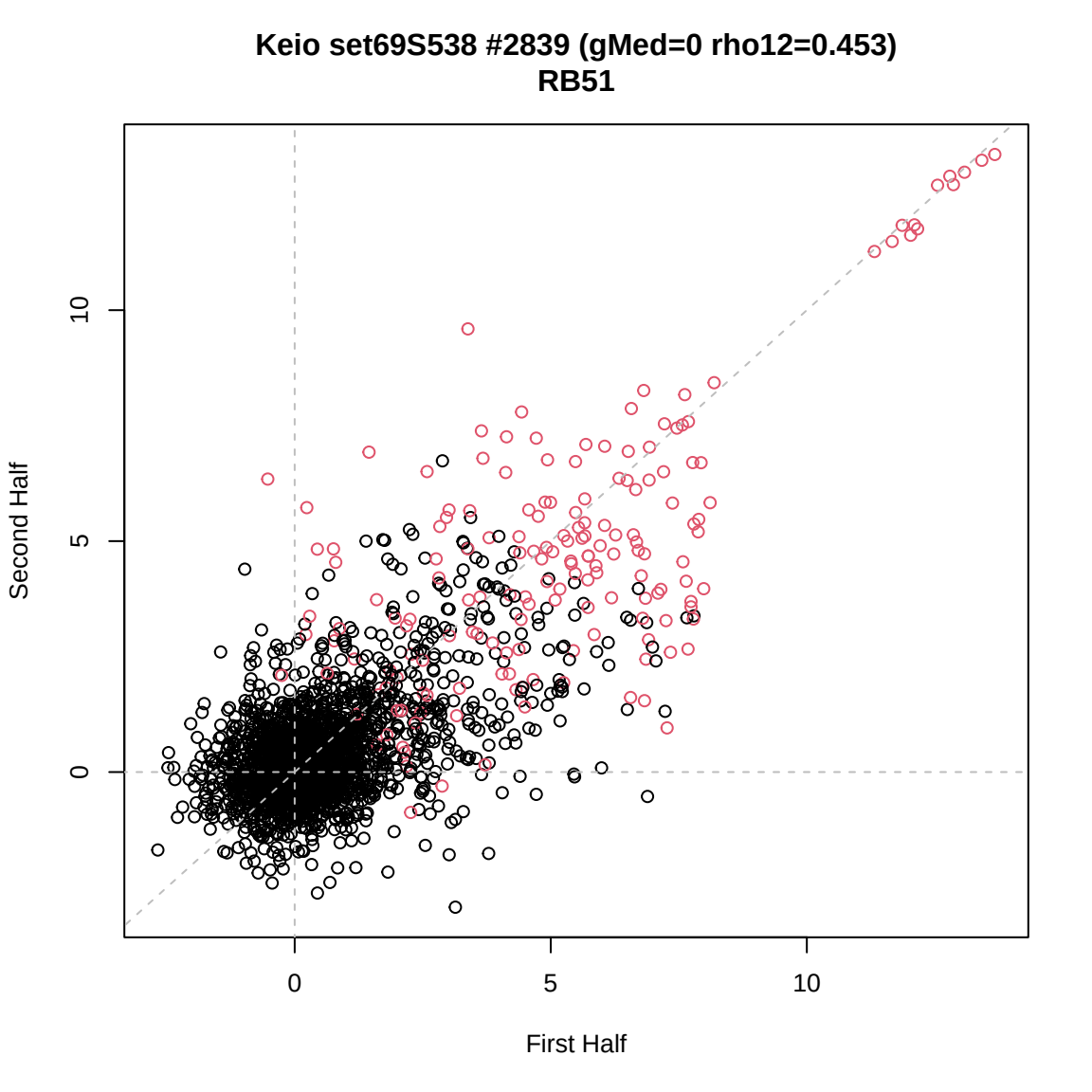

Keio set69S527 #2834 (gMed=0 rho12=0.474)
MPec24
Second Half
First Half
0
5
10
0
5
10

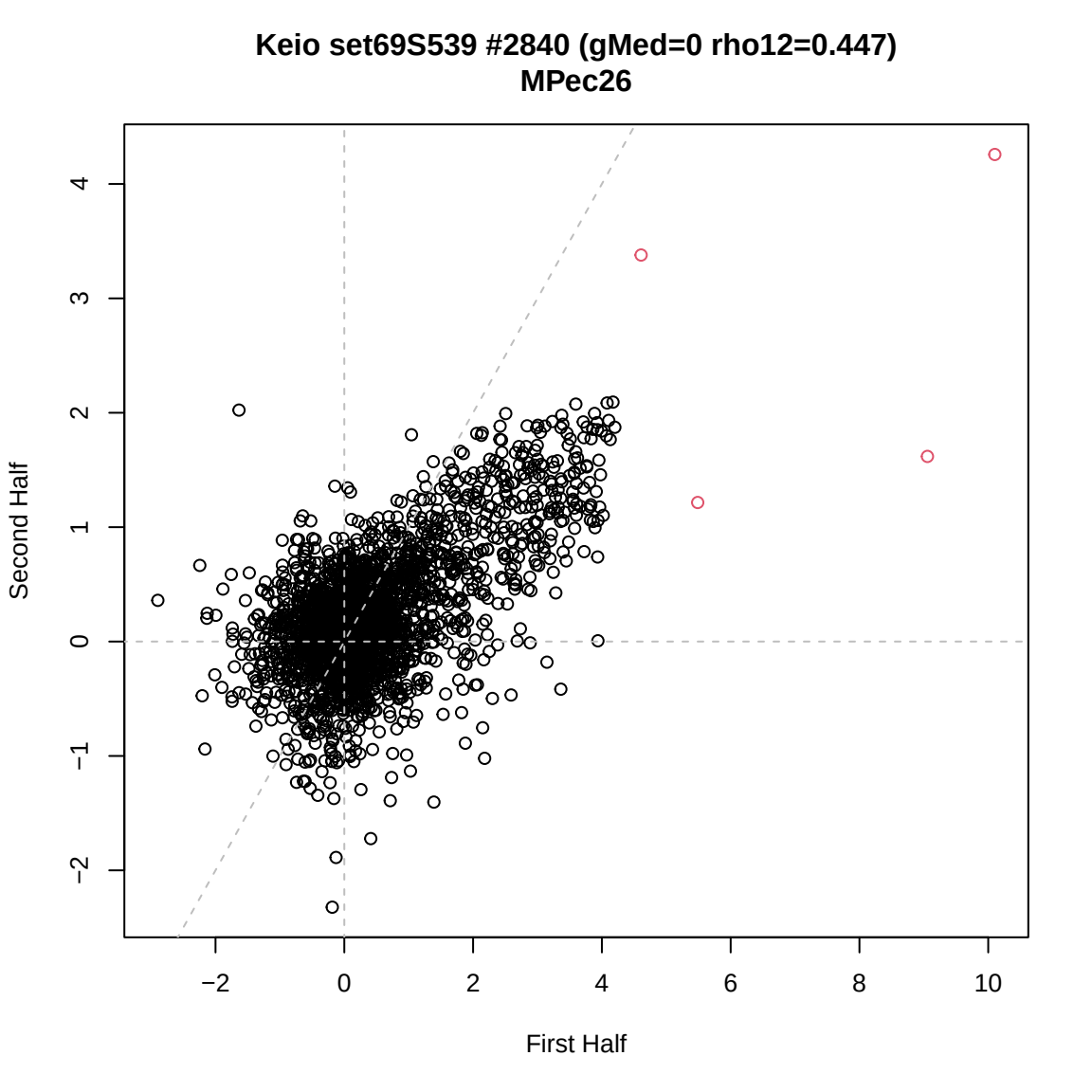

Keio set69S528 #2835 (gMed=0 rho12=0.472)
MPec24
Second Half
First Half
0
5
10
0
5
10

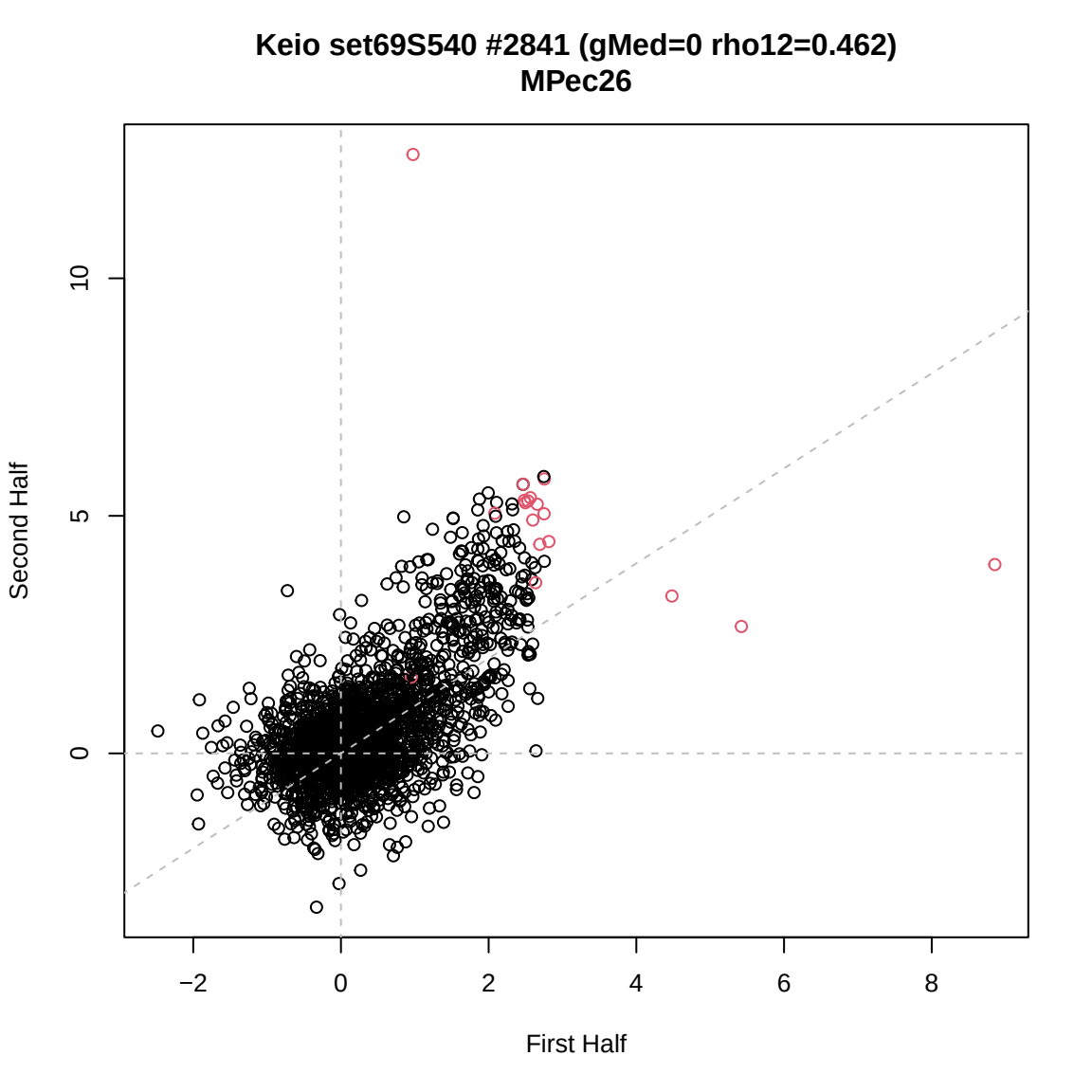

Keio set69S535 #2836 (gMed=56 rho12=−0.027)
TP2
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3
4

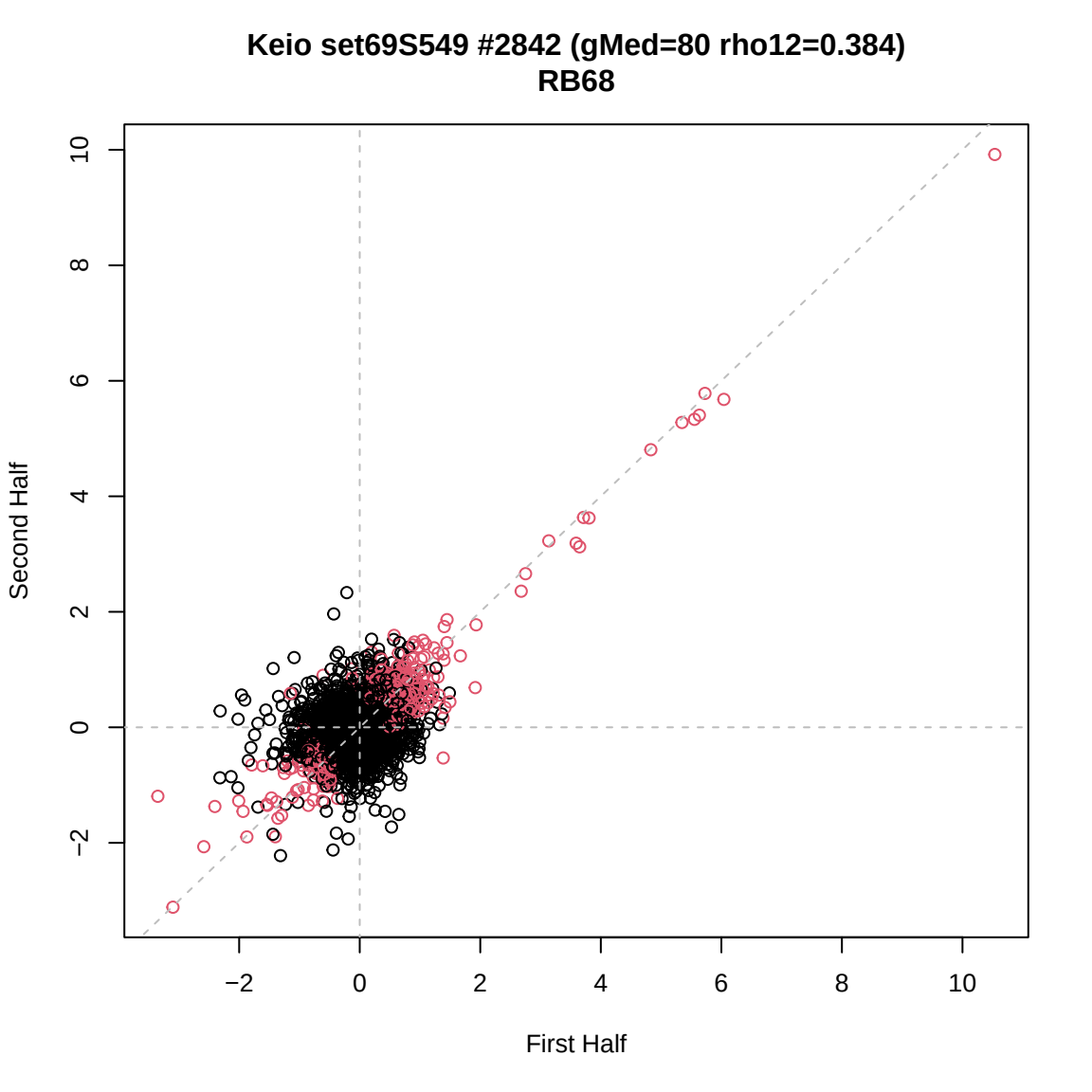

Keio set69S536 #2837 (gMed=25 rho12=0.116)
TP2
Second Half
First Half
10
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

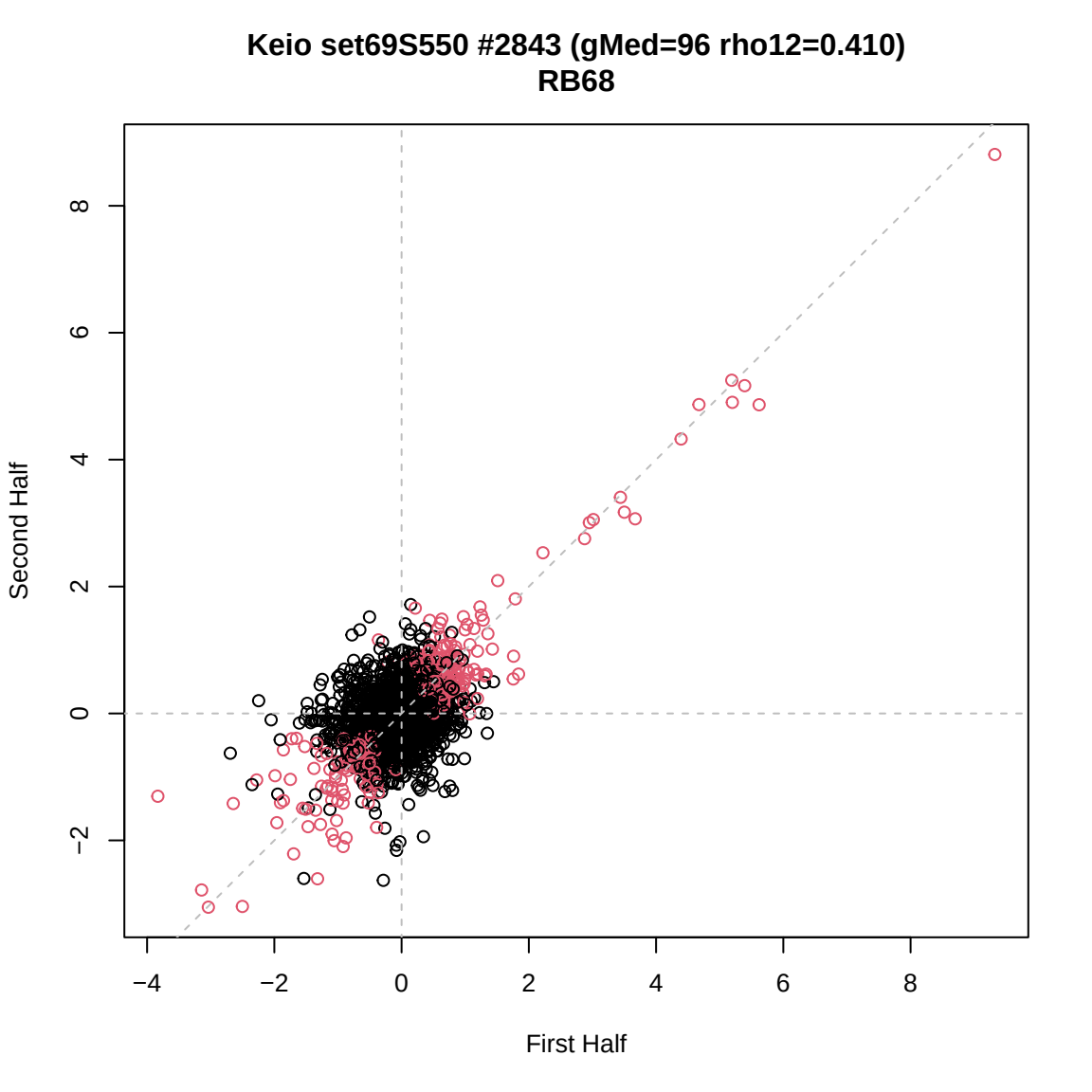

Keio set69S537 #2838 (gMed=0 rho12=0.465)
RB51
Second Half
First Half
0
5
10
0
5
10

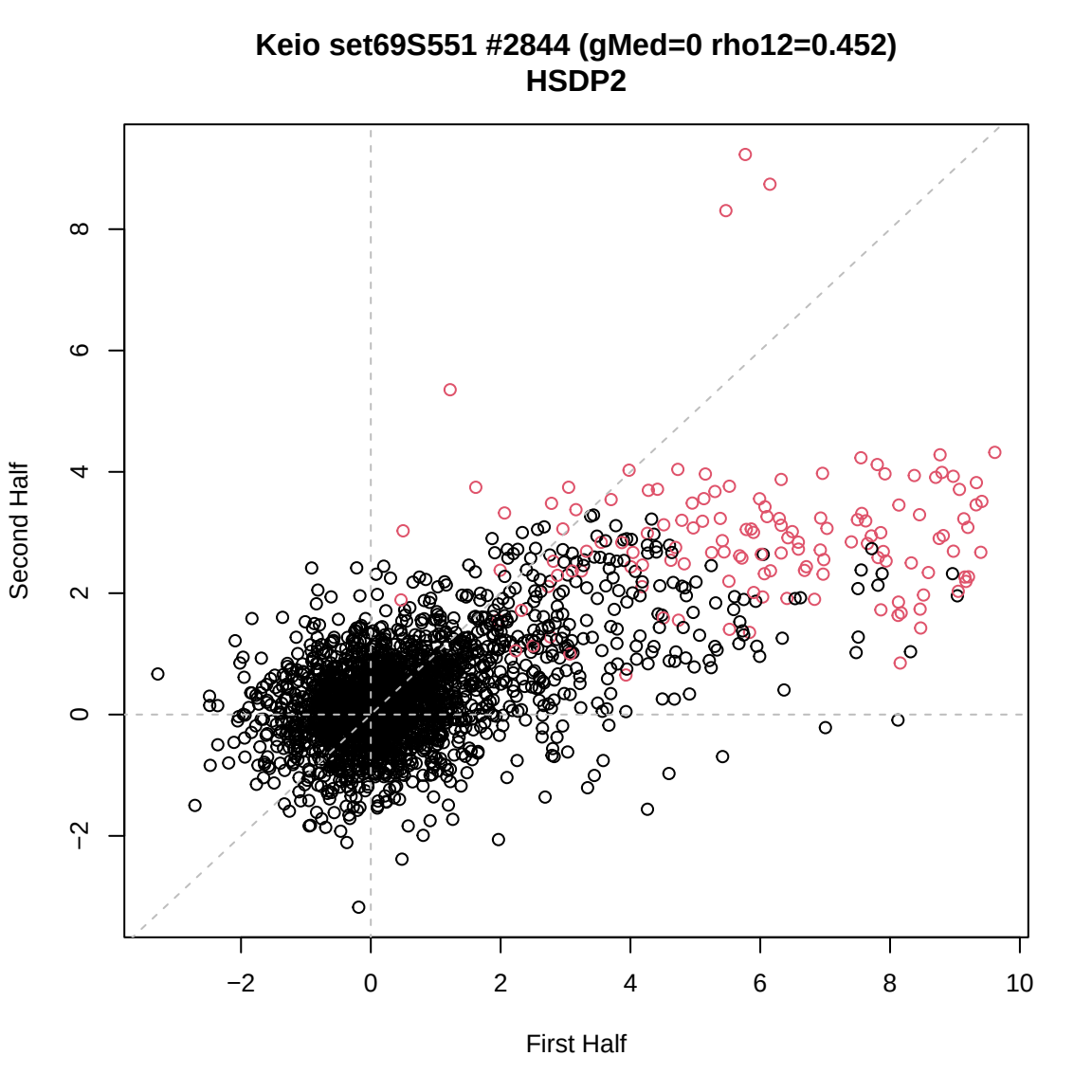

Keio set69S538 #2839 (gMed=0 rho12=0.453)
RB51
Second Half
First Half
0
5
10
0
5
10

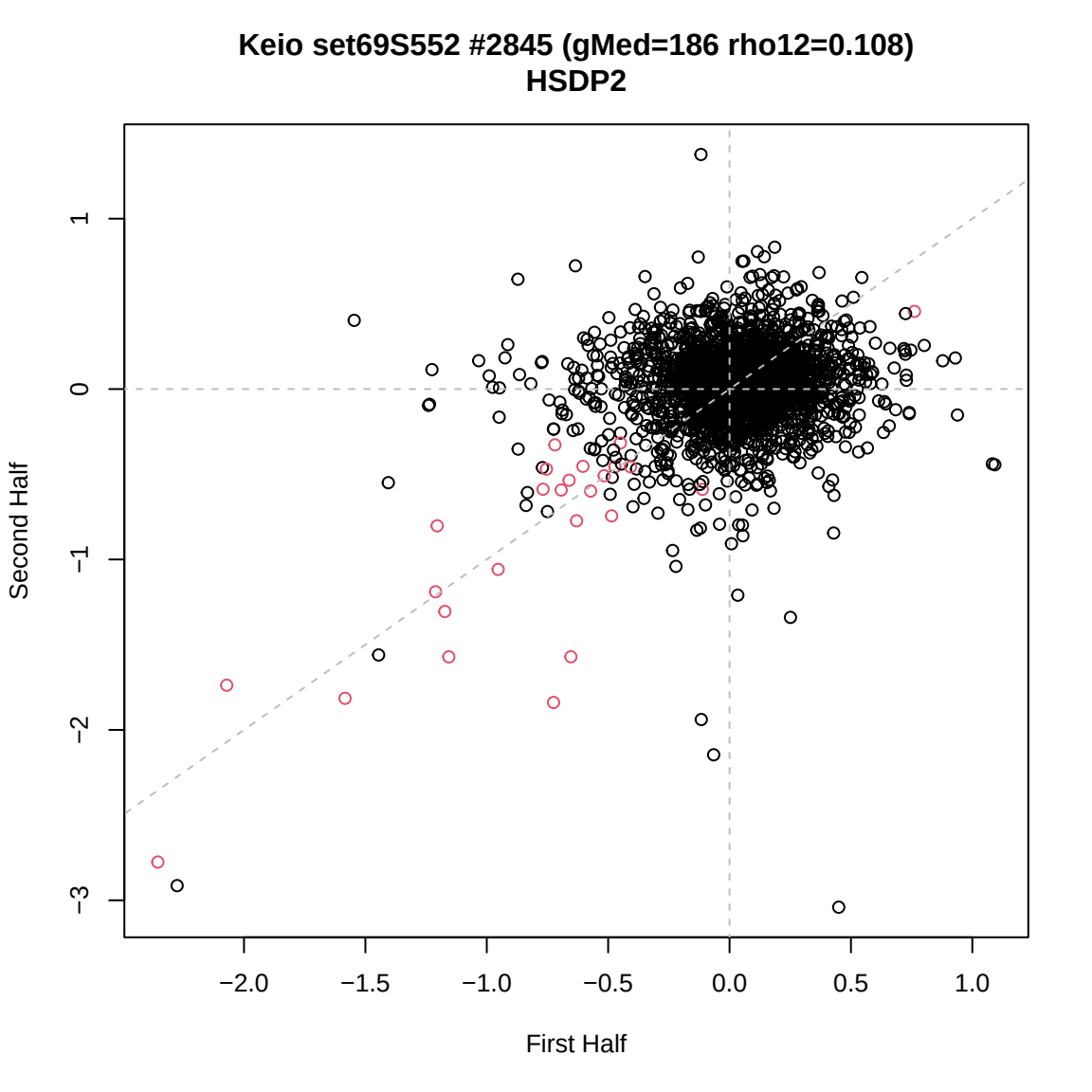

Keio set69S539 #2840 (gMed=0 rho12=0.447)
MPec26
Second Half
First Half
−2
0
2
4
6
8
10
−2
−1
0
1
2
3
4

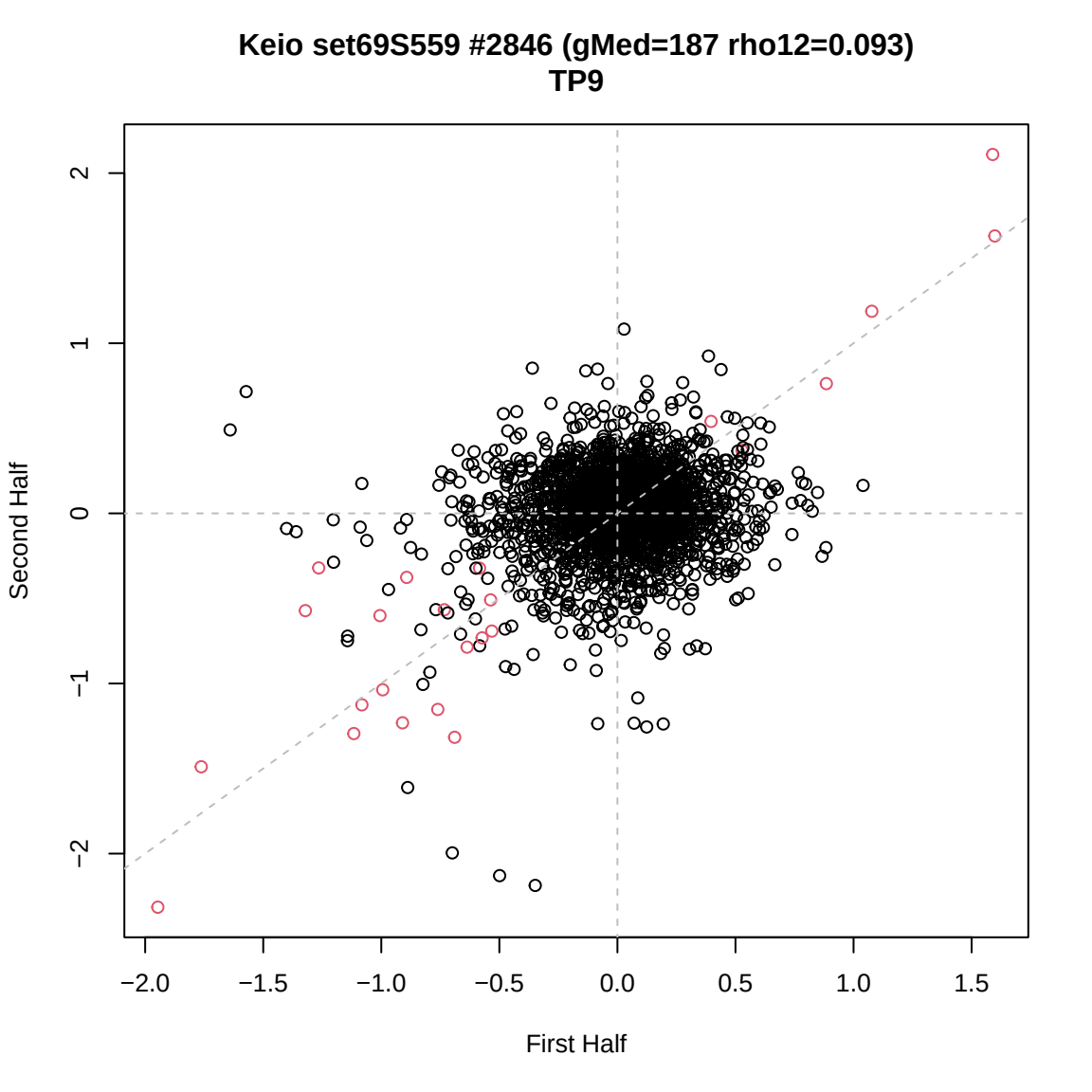

Keio set69S540 #2841 (gMed=0 rho12=0.462)
MPec26
Second Half
First Half
10
5
0
−2
0
2
4
6
8

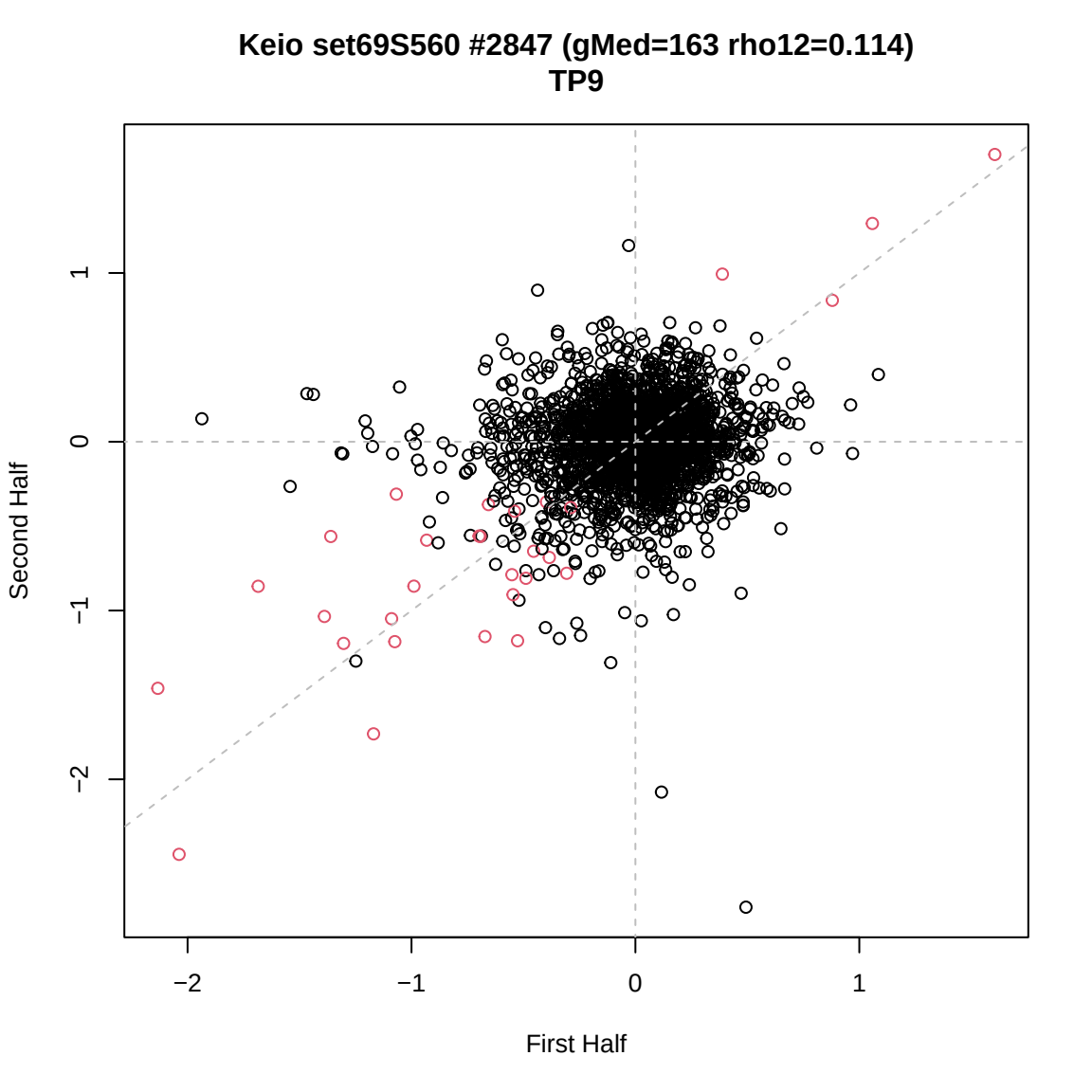

Keio set69S549 #2842 (gMed=80 rho12=0.384)
RB68
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

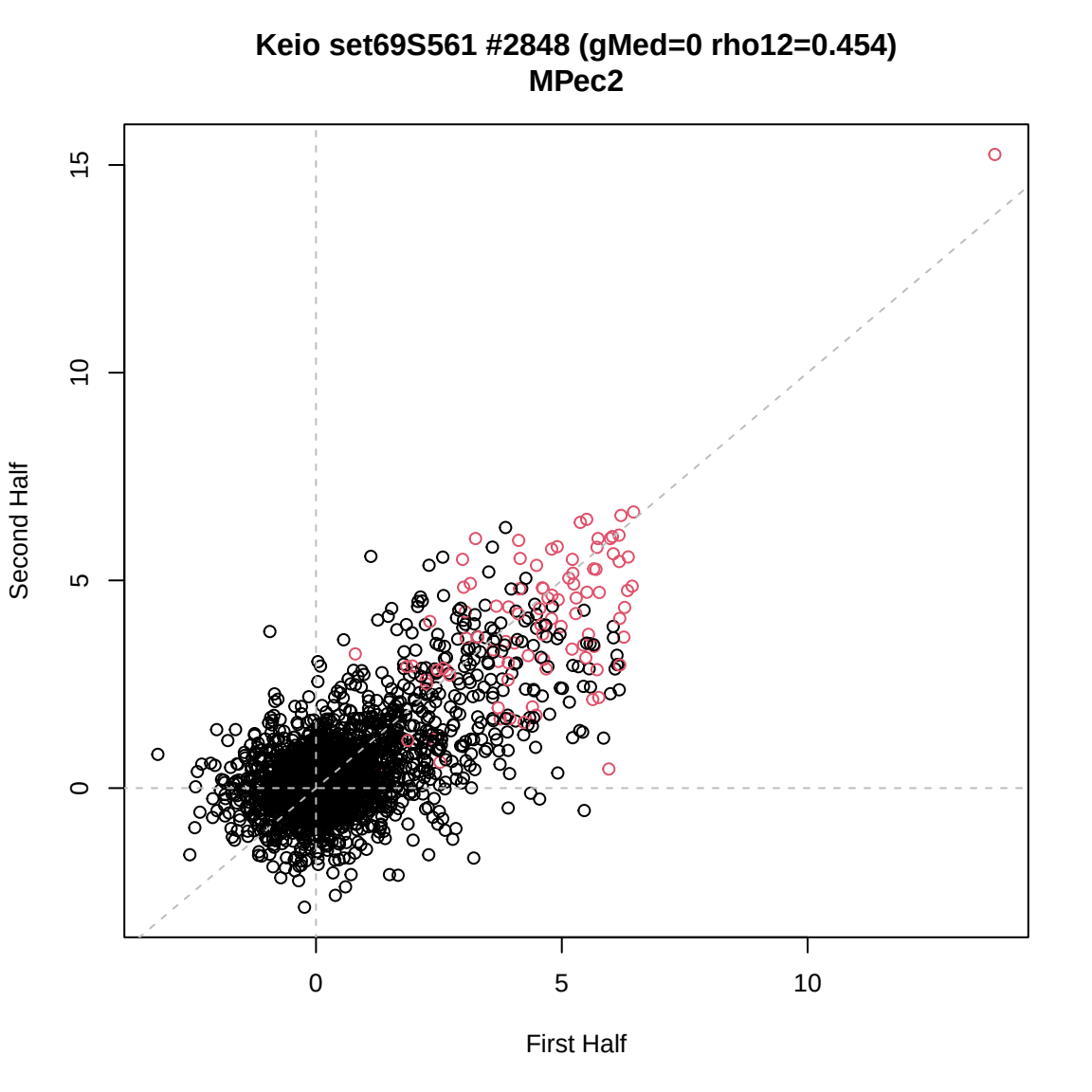

Keio set69S550 #2843 (gMed=96 rho12=0.410)
RB68
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

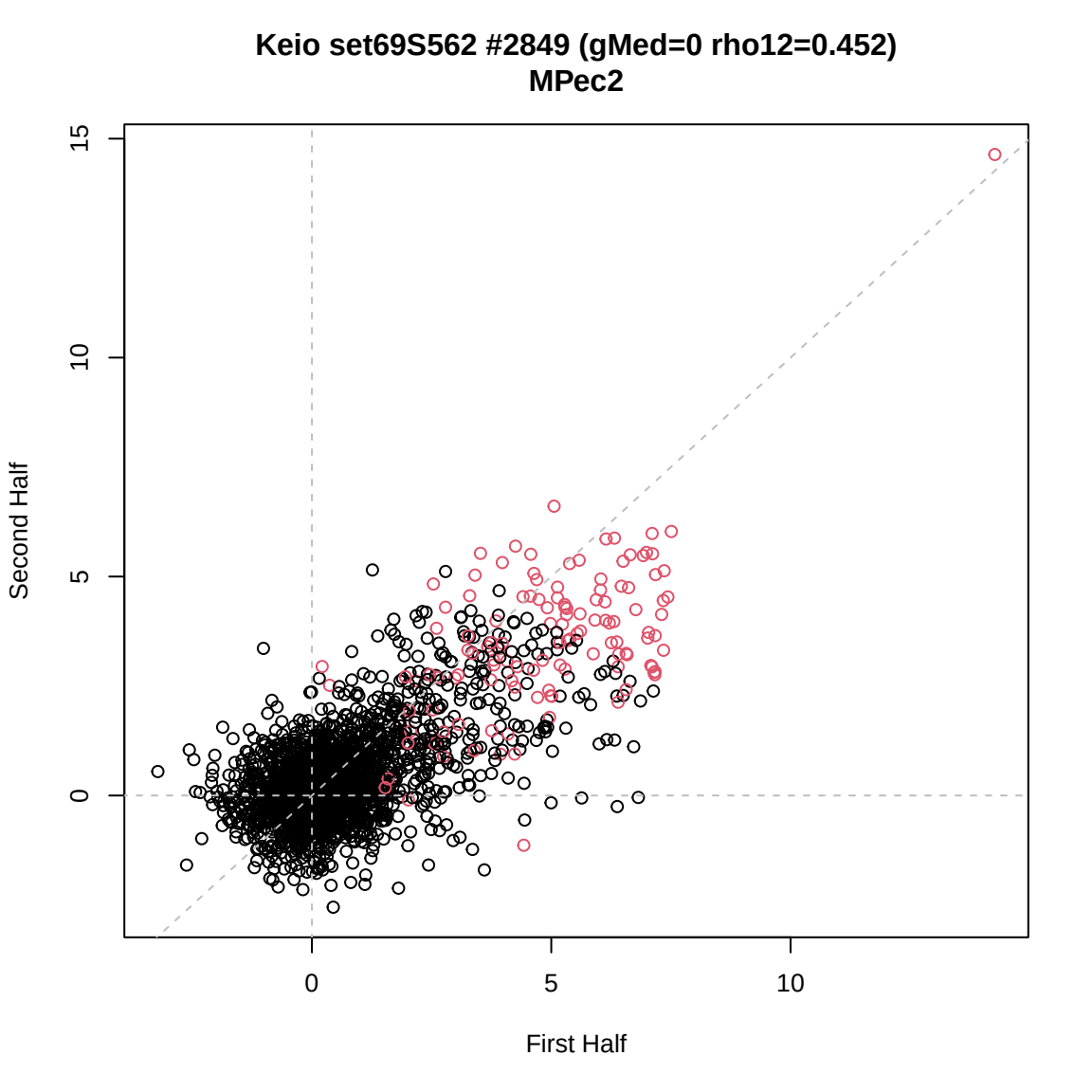

Keio set69S551 #2844 (gMed=0 rho12=0.452)
HSDP2
Second Half
First Half
−2
0
2
4
6
8
10

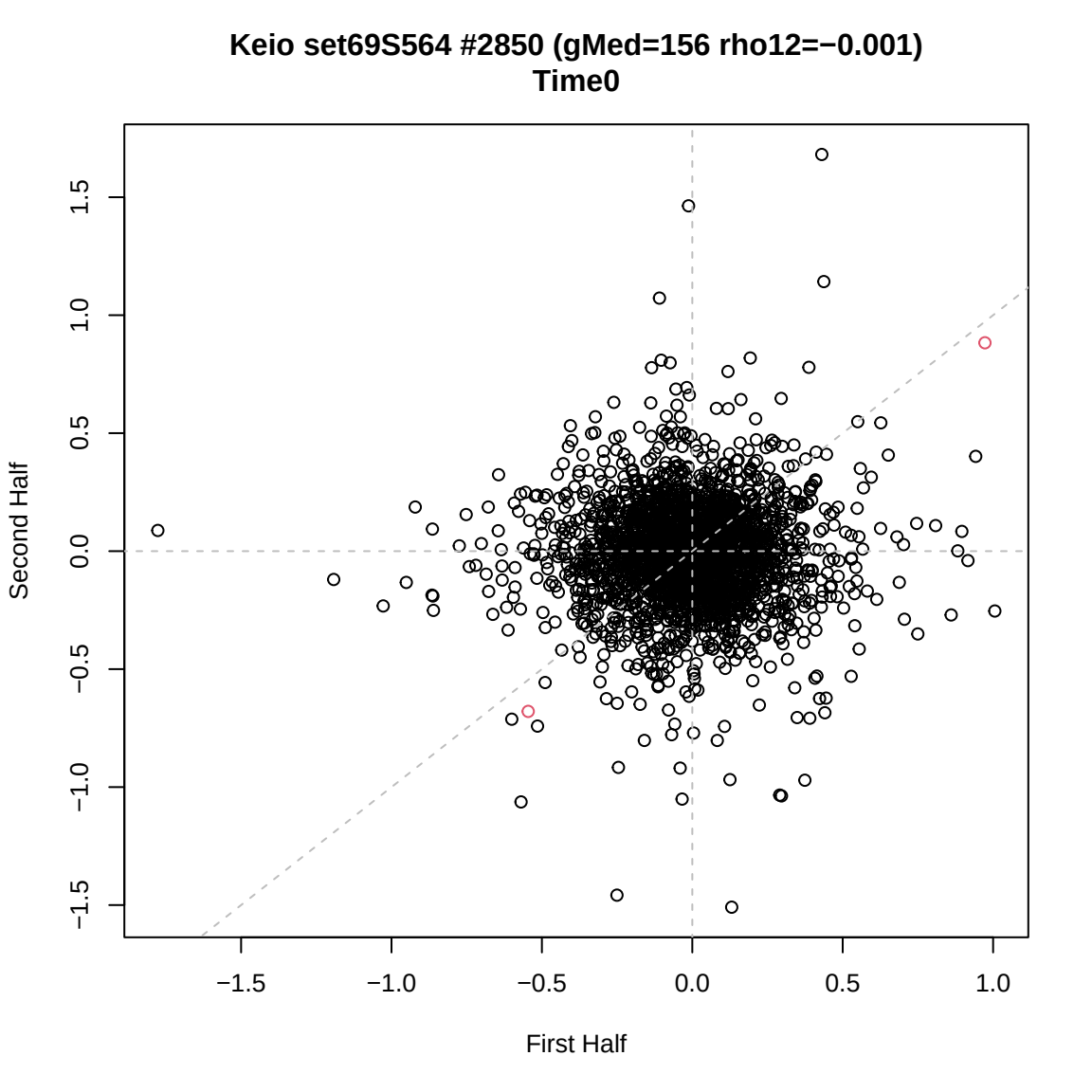

Keio set69S552 #2845 (gMed=186 rho12=0.108)
HSDP2
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

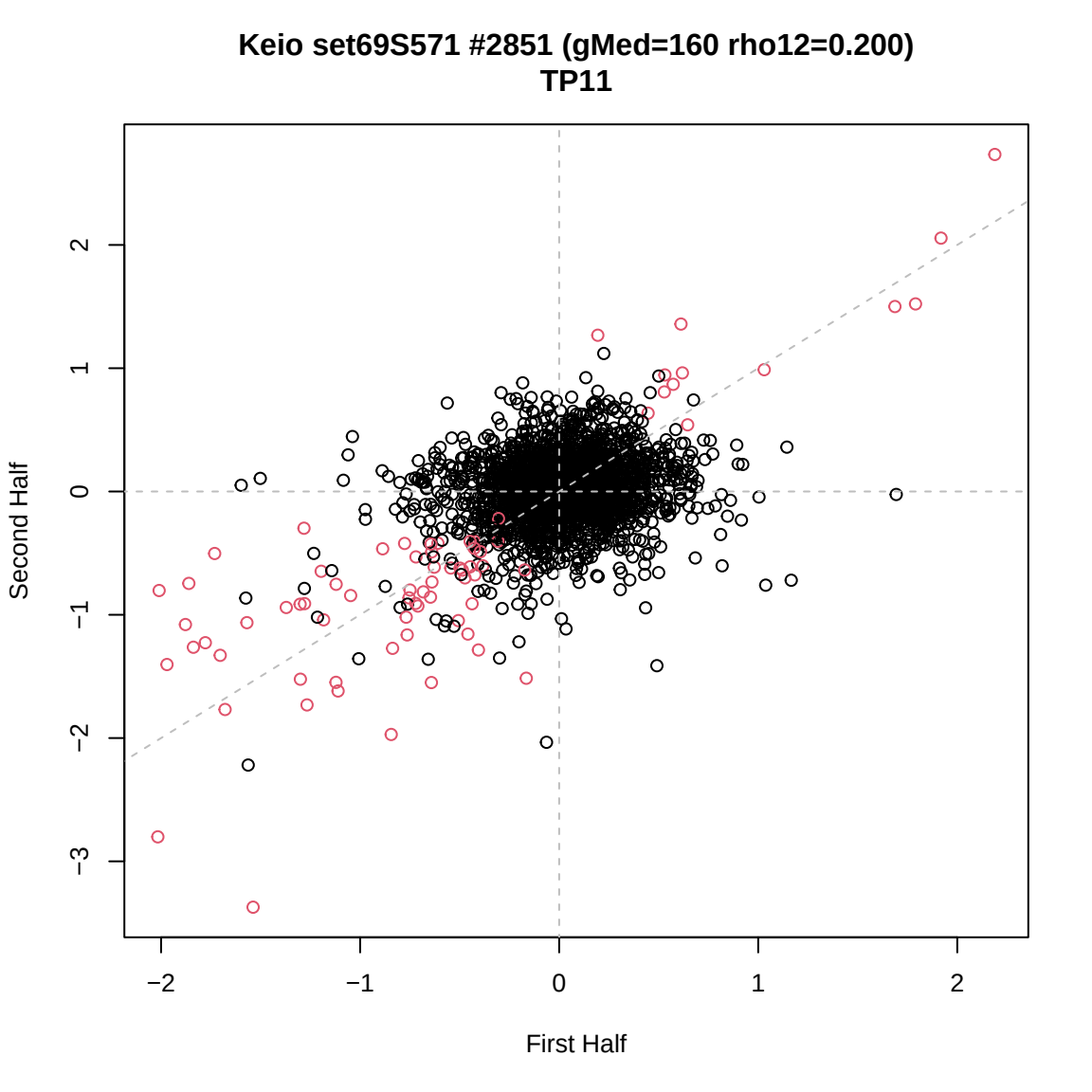

Keio set69S559 #2846 (gMed=187 rho12=0.093)
TP9
Second Half
First Half
2
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

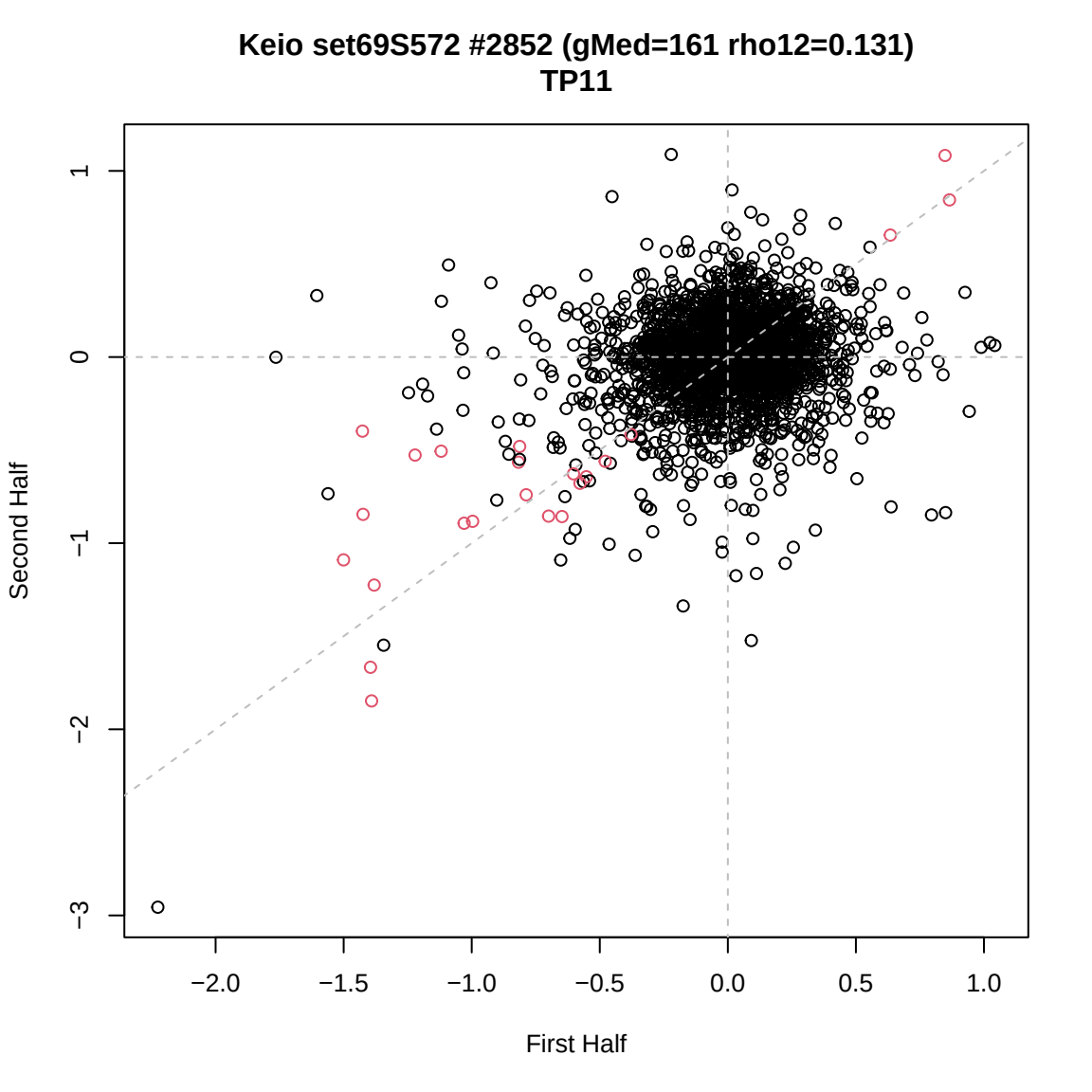

Keio set69S560 #2847 (gMed=163 rho12=0.114)
TP9
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

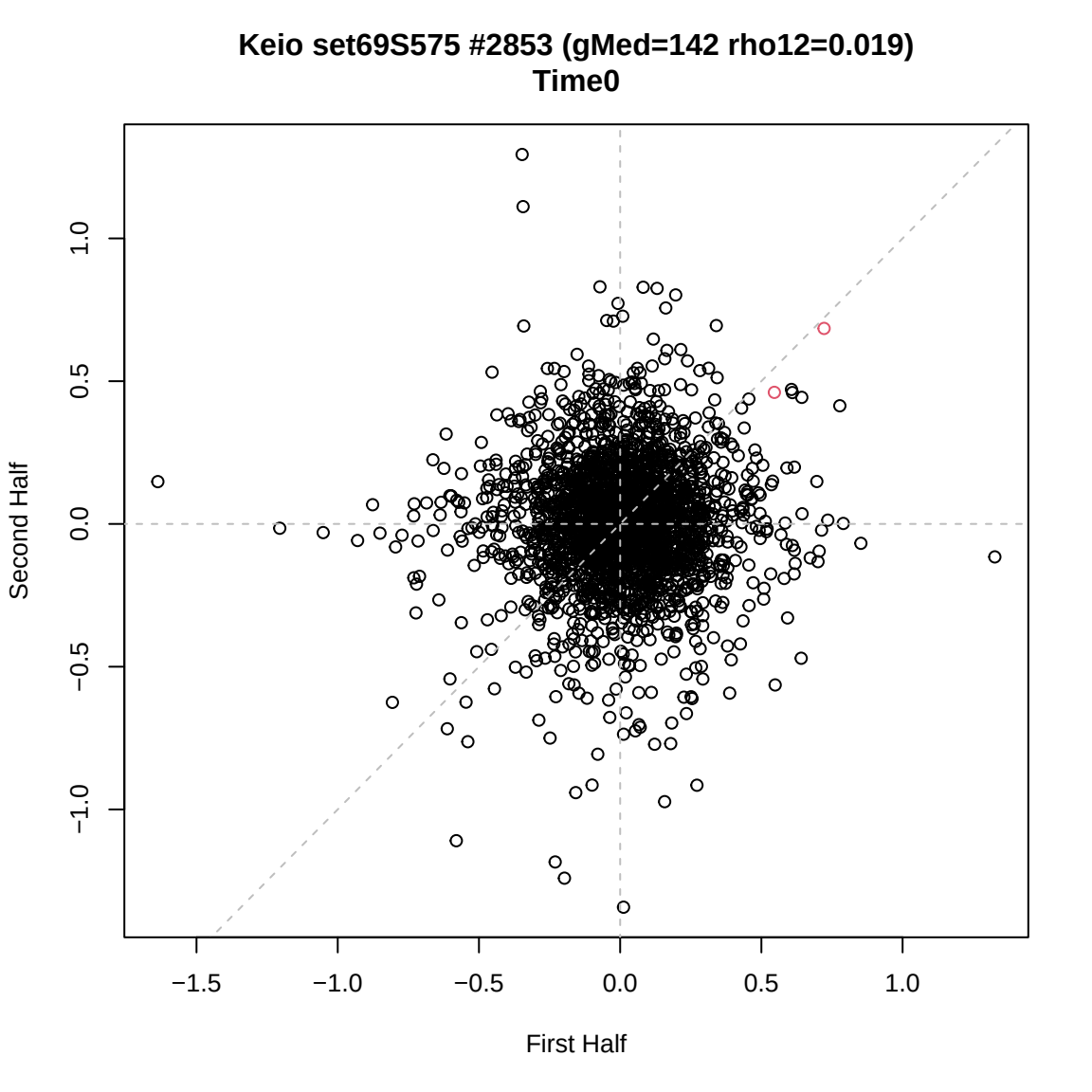

Keio set69S561 #2848 (gMed=0 rho12=0.454)
MPec2
Second Half
First Half
0
5
10
15
0
5
10

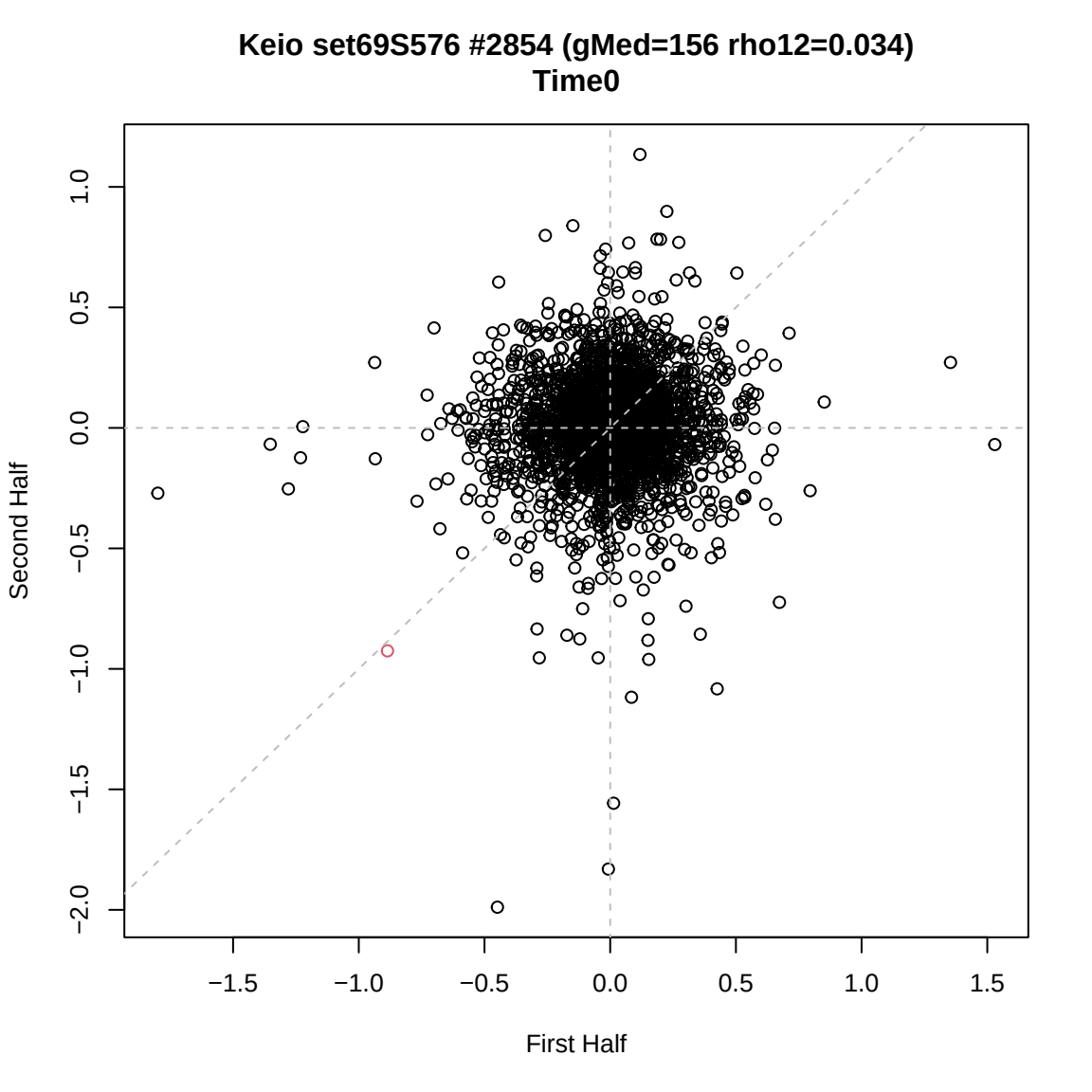

Keio set69S562 #2849 (gMed=0 rho12=0.452)
MPec2
Second Half
First Half
15
10
5
0
0
5
10

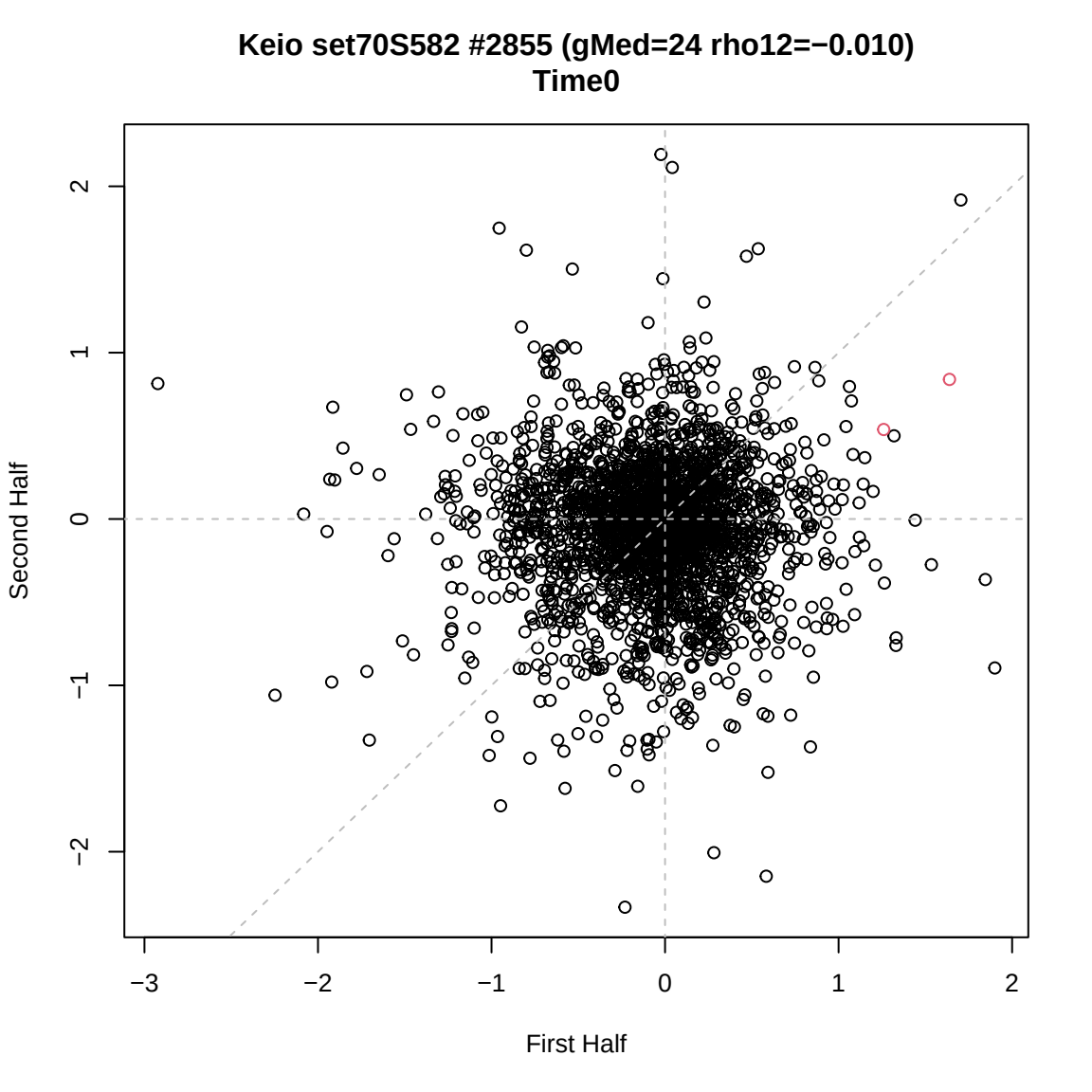

Keio set69S564 #2850 (gMed=156 rho12=−0.001)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

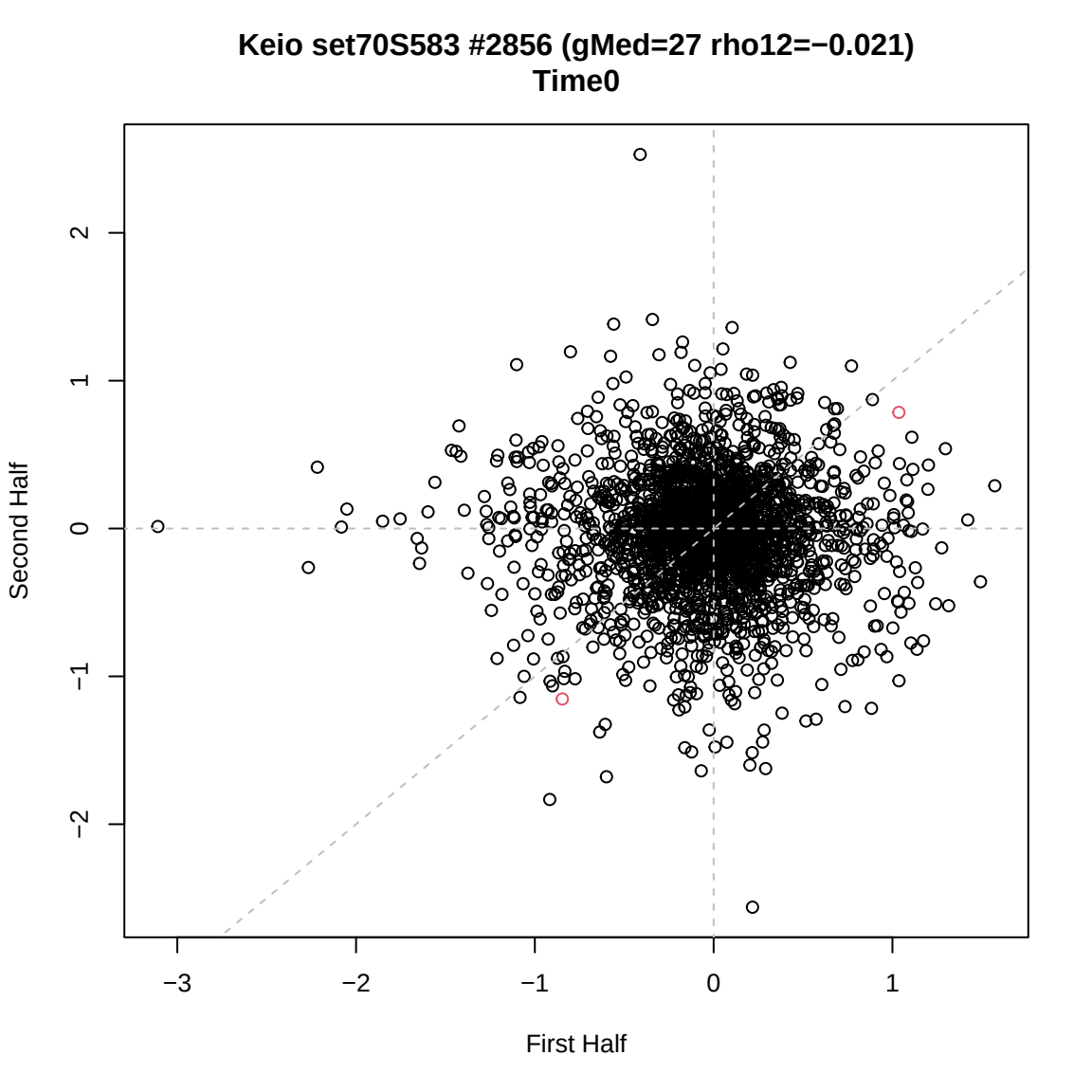

Keio set69S571 #2851 (gMed=160 rho12=0.200)
TP11
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

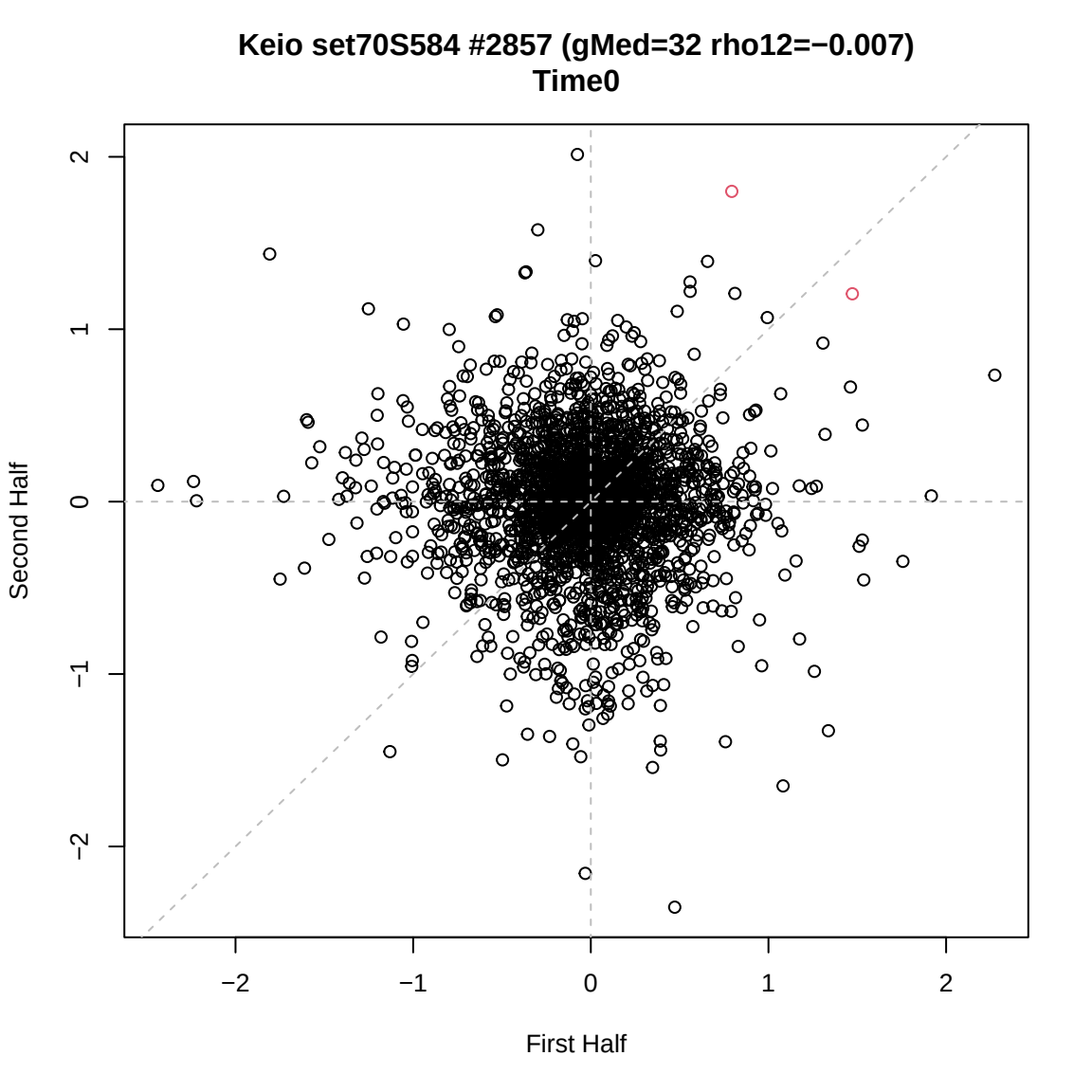

Keio set69S572 #2852 (gMed=161 rho12=0.131)
TP11
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

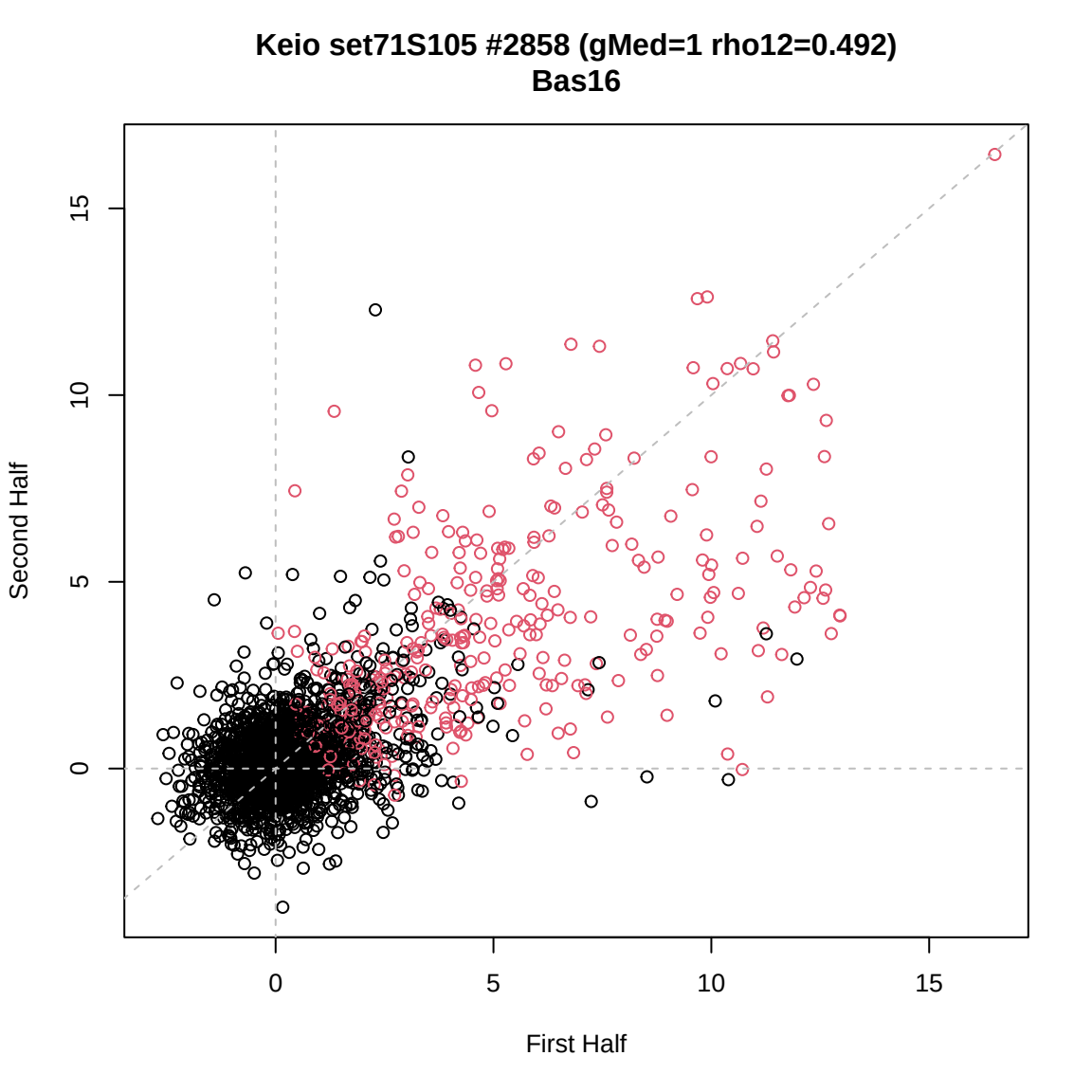

Keio set69S575 #2853 (gMed=142 rho12=0.019)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

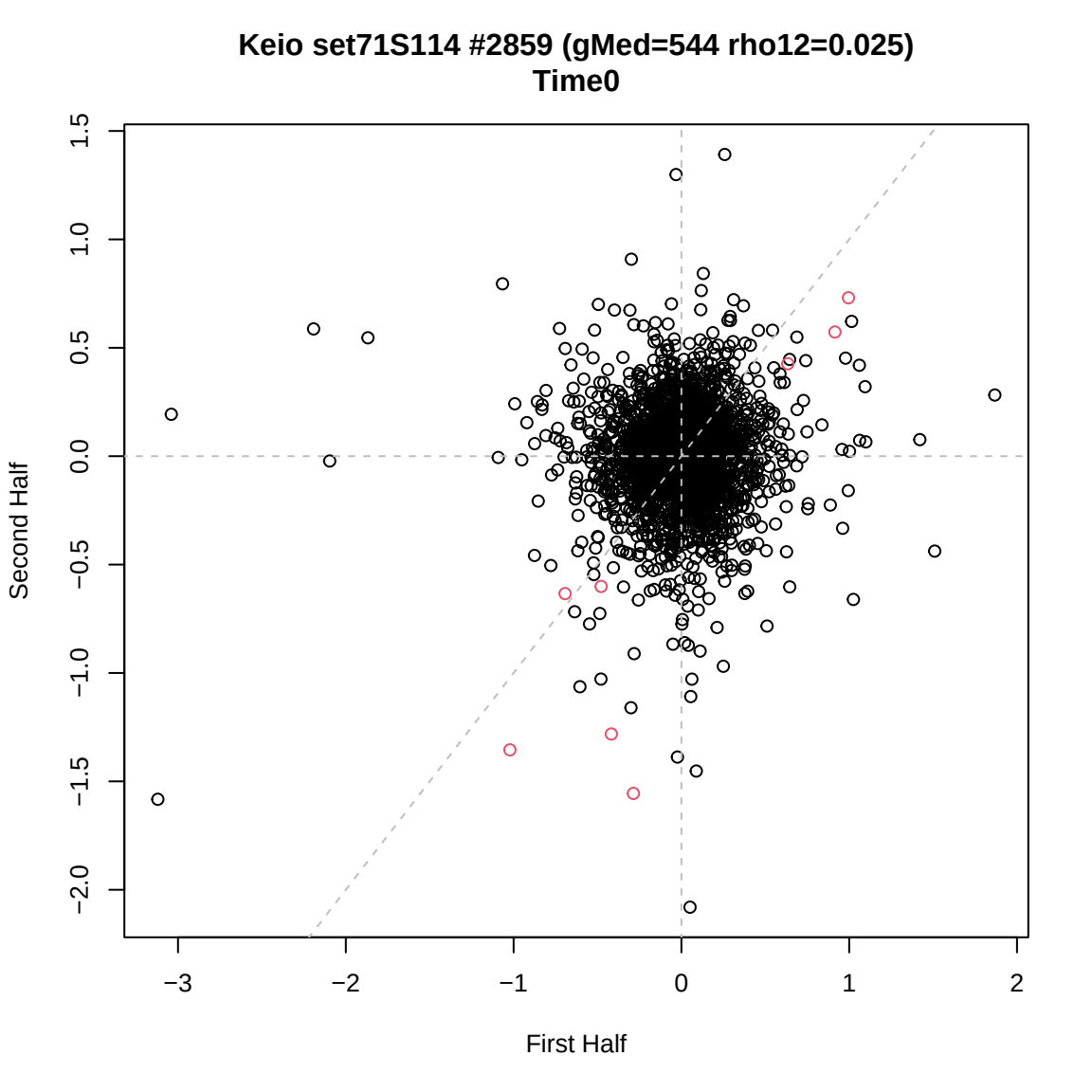

Keio set69S576 #2854 (gMed=156 rho12=0.034)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

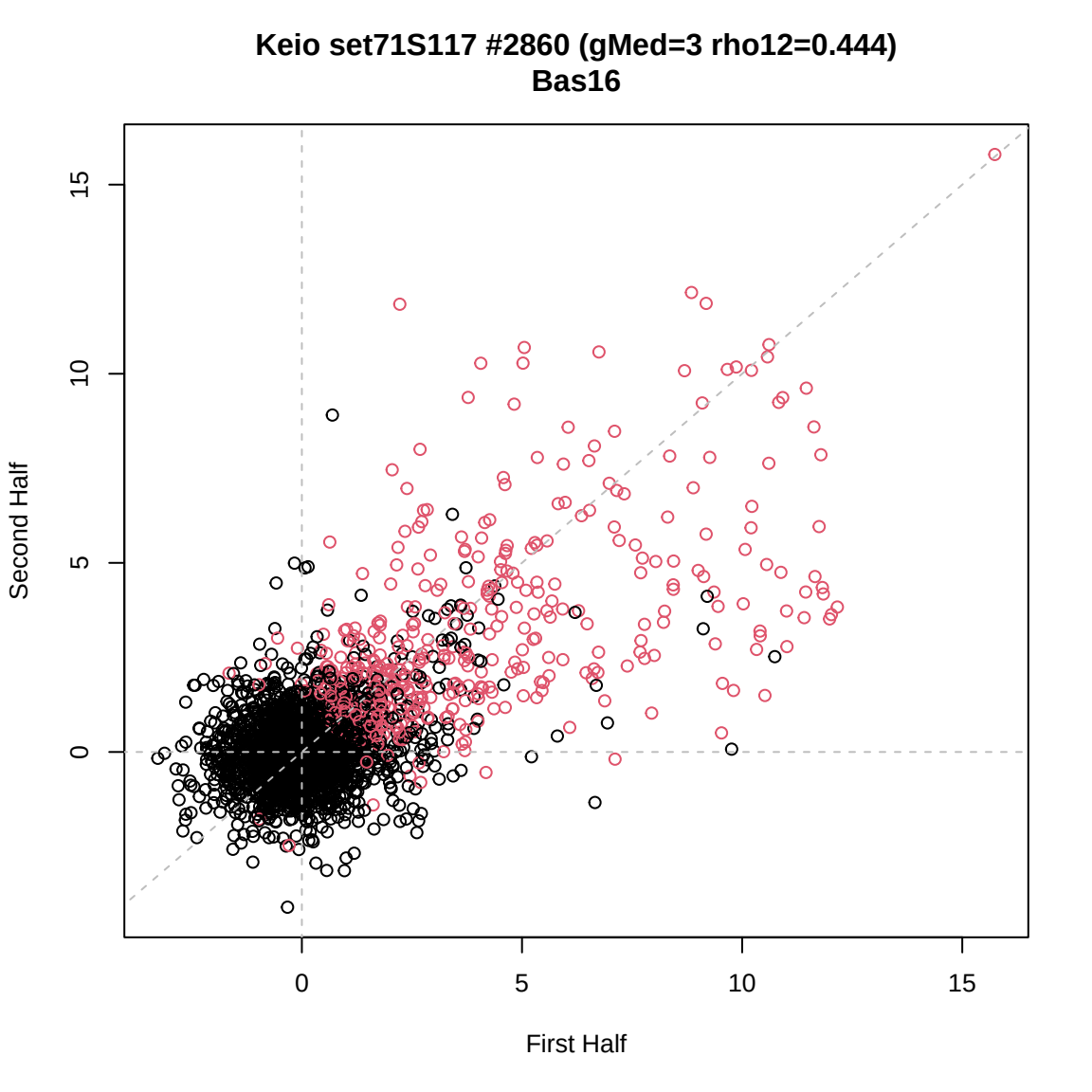

Keio set70S582 #2855 (gMed=24 rho12=−0.010)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

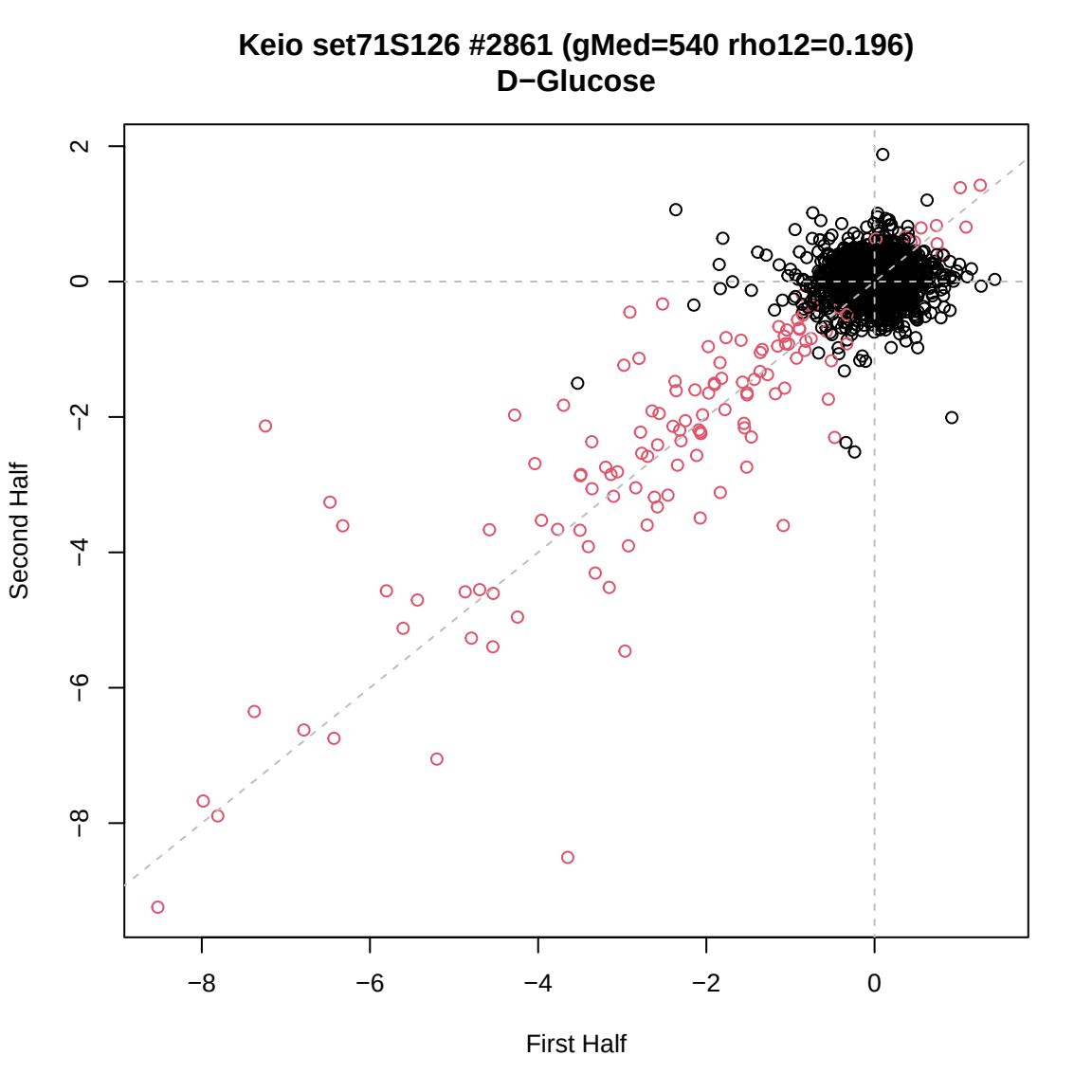

Keio set70S583 #2856 (gMed=27 rho12=−0.021)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1

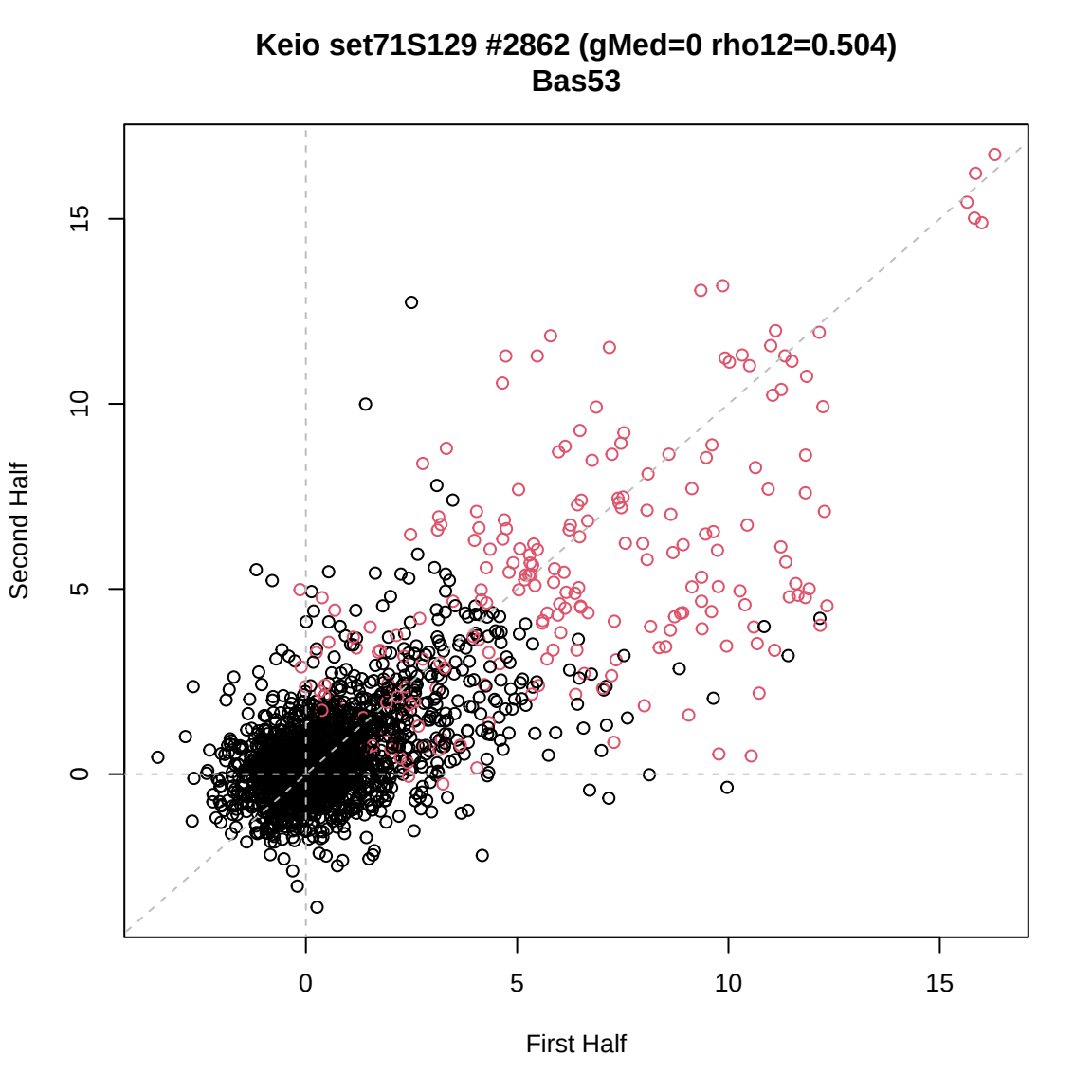

Keio set70S584 #2857 (gMed=32 rho12=−0.007)
Time0
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

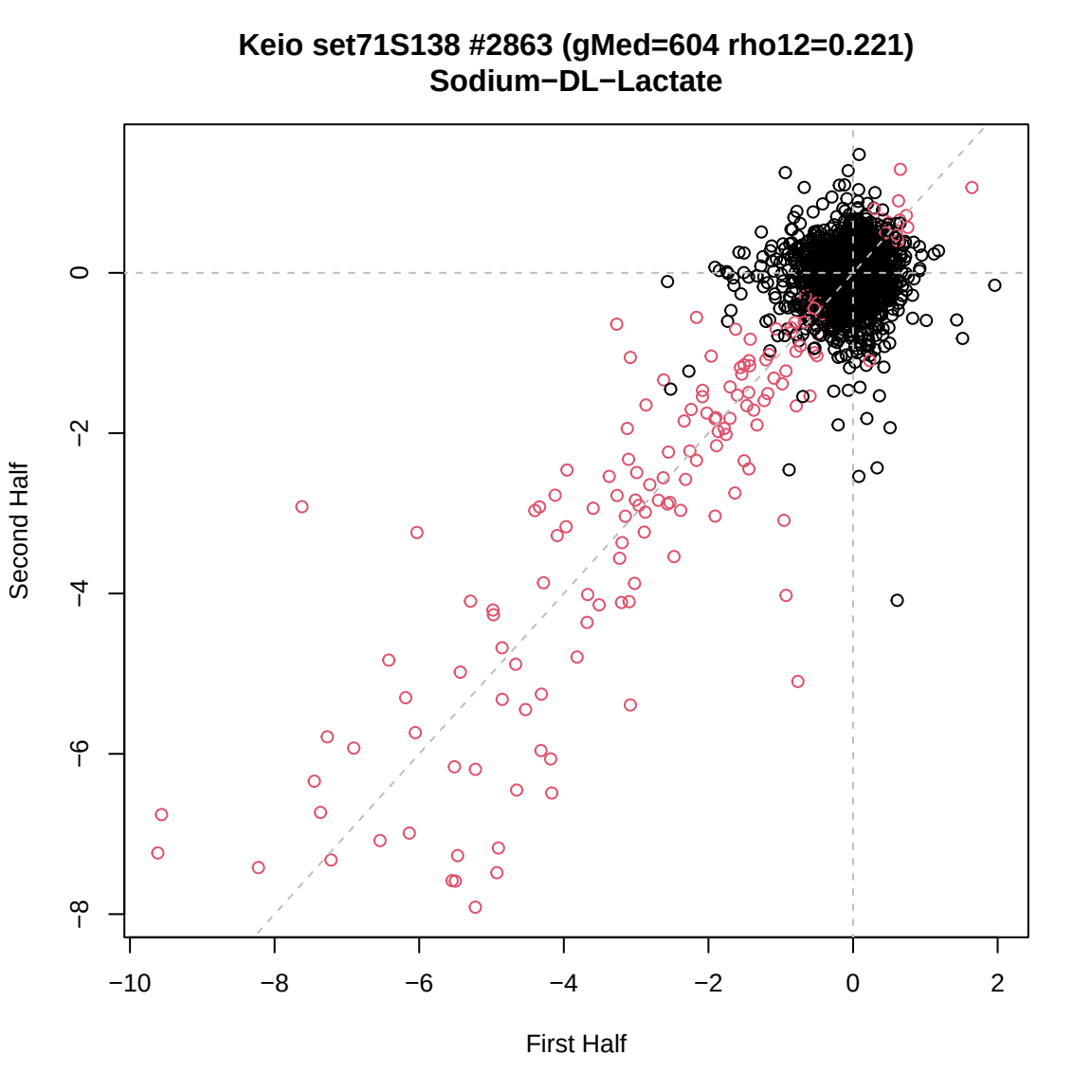

Keio set71S105 #2858 (gMed=1 rho12=0.492)
Bas16
Second Half
First Half
0
5
10
15

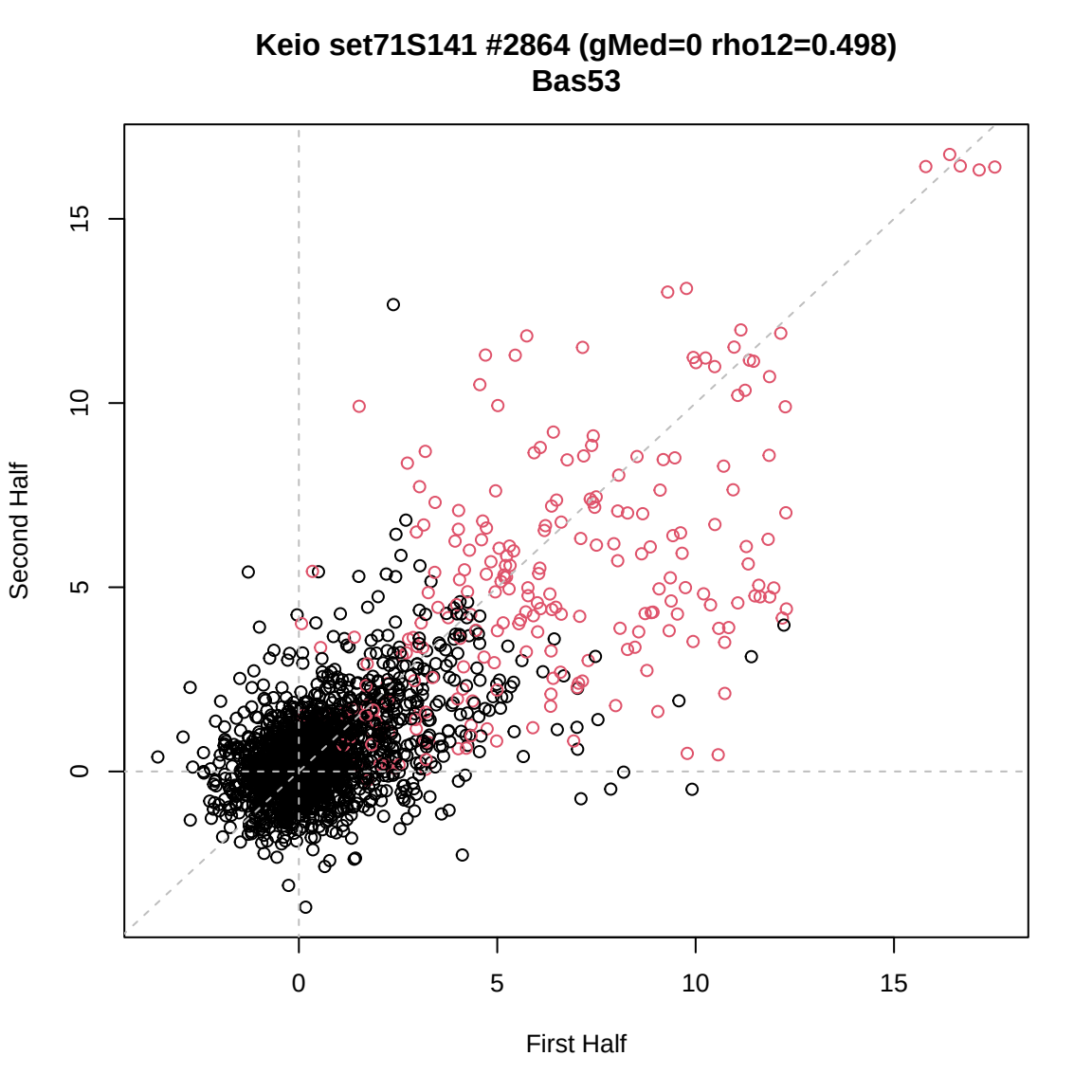

Keio set71S114 #2859 (gMed=544 rho12=0.025)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1
2

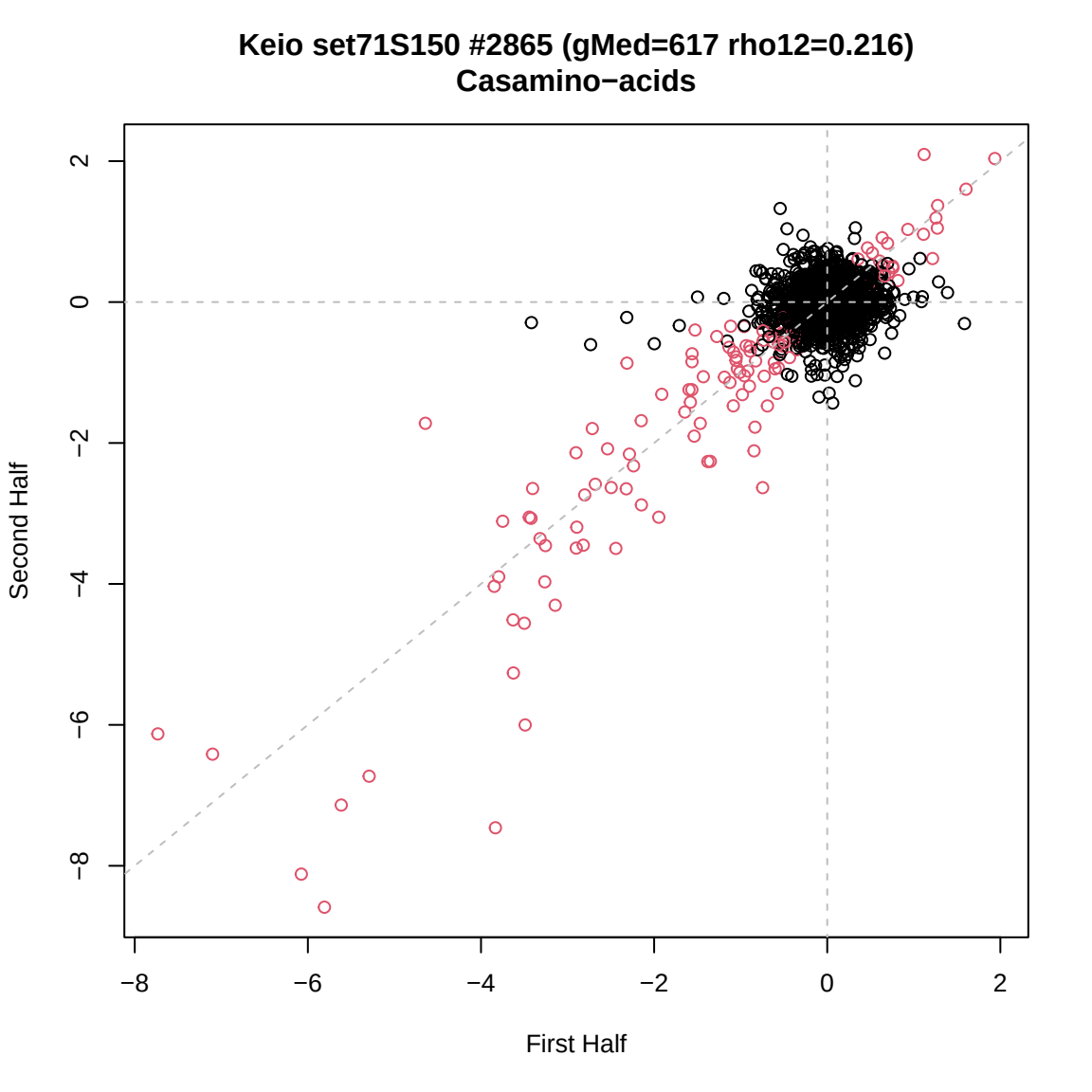

Keio set71S117 #2860 (gMed=3 rho12=0.444)
Bas16
Second Half
First Half
0
5
10
15

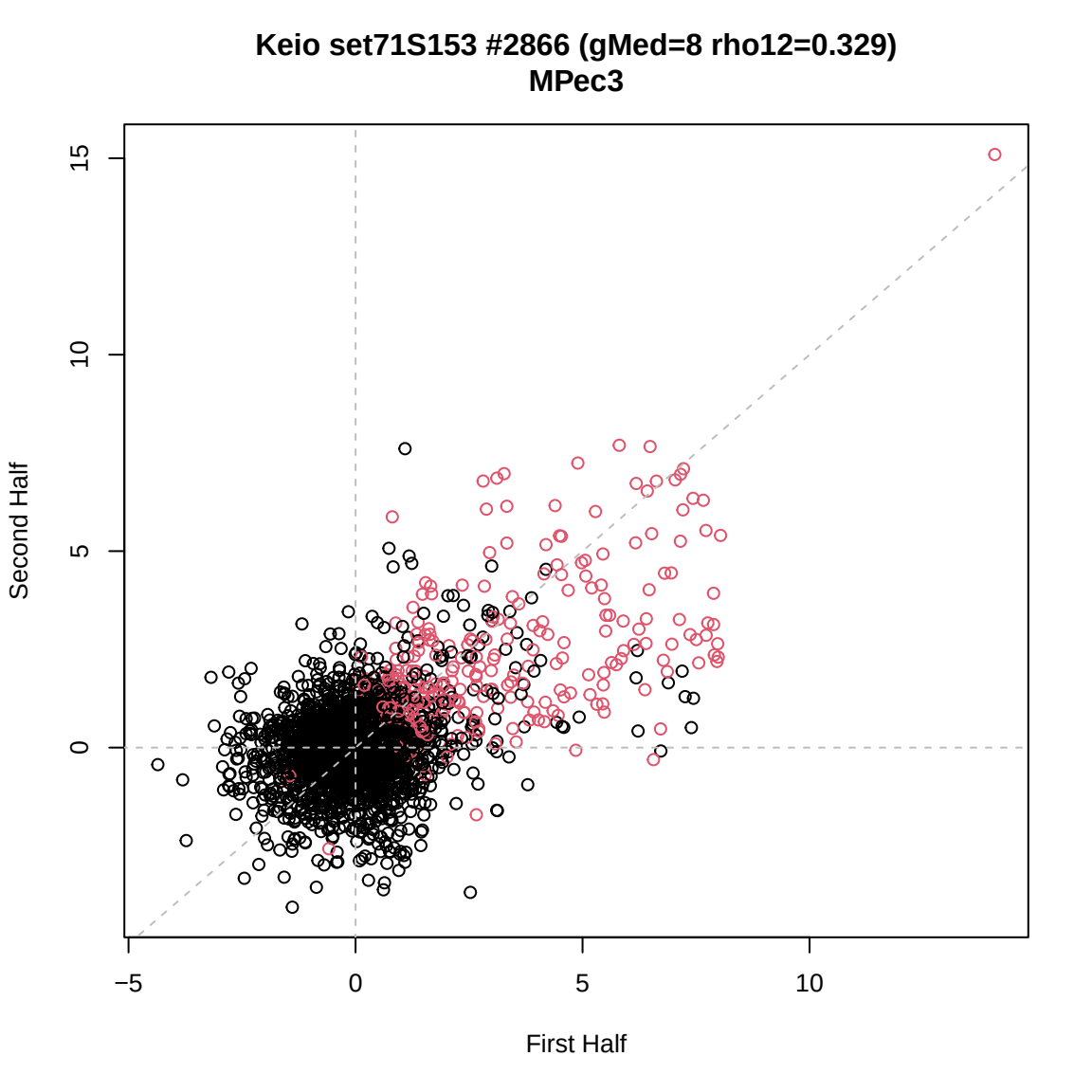

Keio set71S126 #2861 (gMed=540 rho12=0.196)
D−Glucose
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0

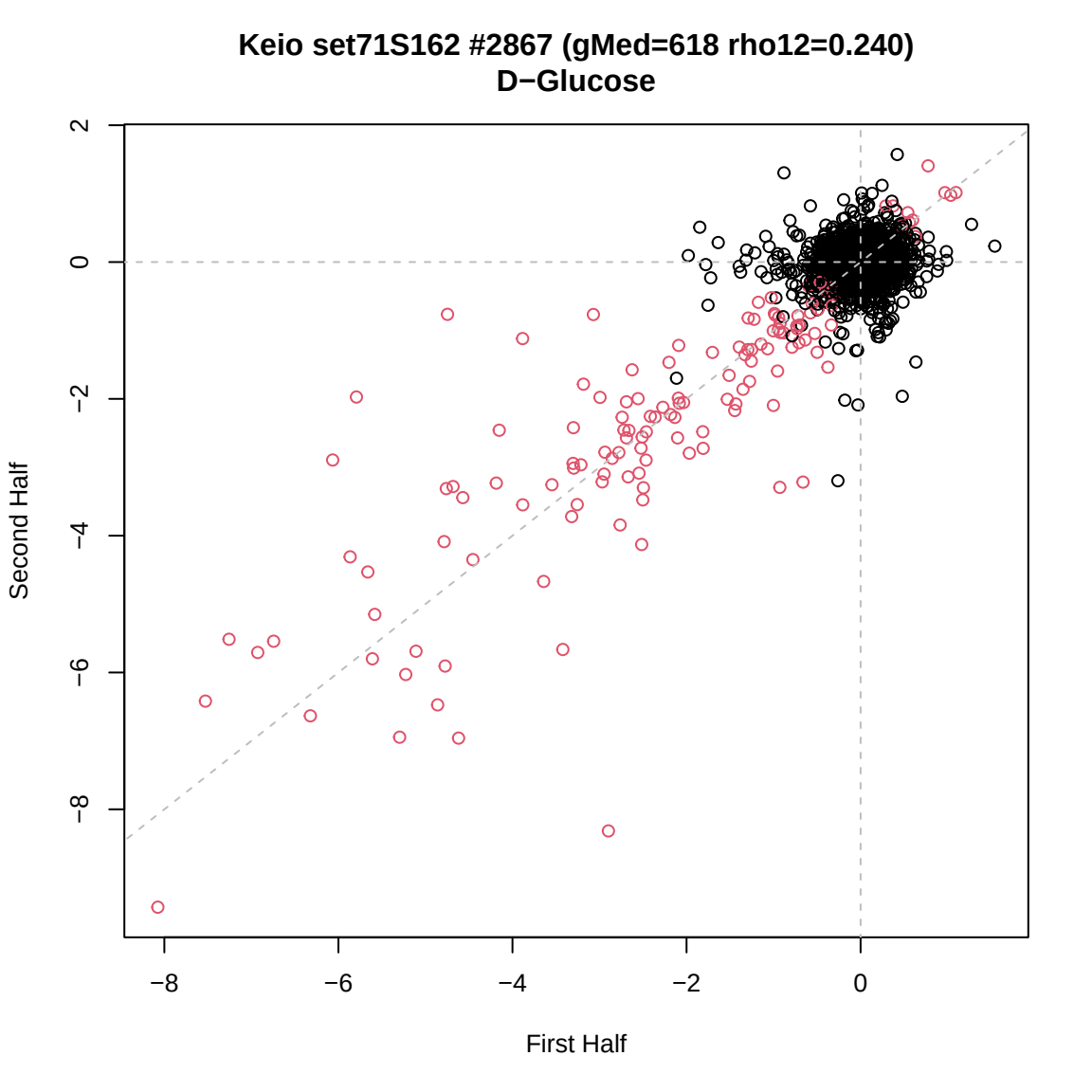

Keio set71S129 #2862 (gMed=0 rho12=0.504)
Bas53
Second Half
First Half
0
5
10
15

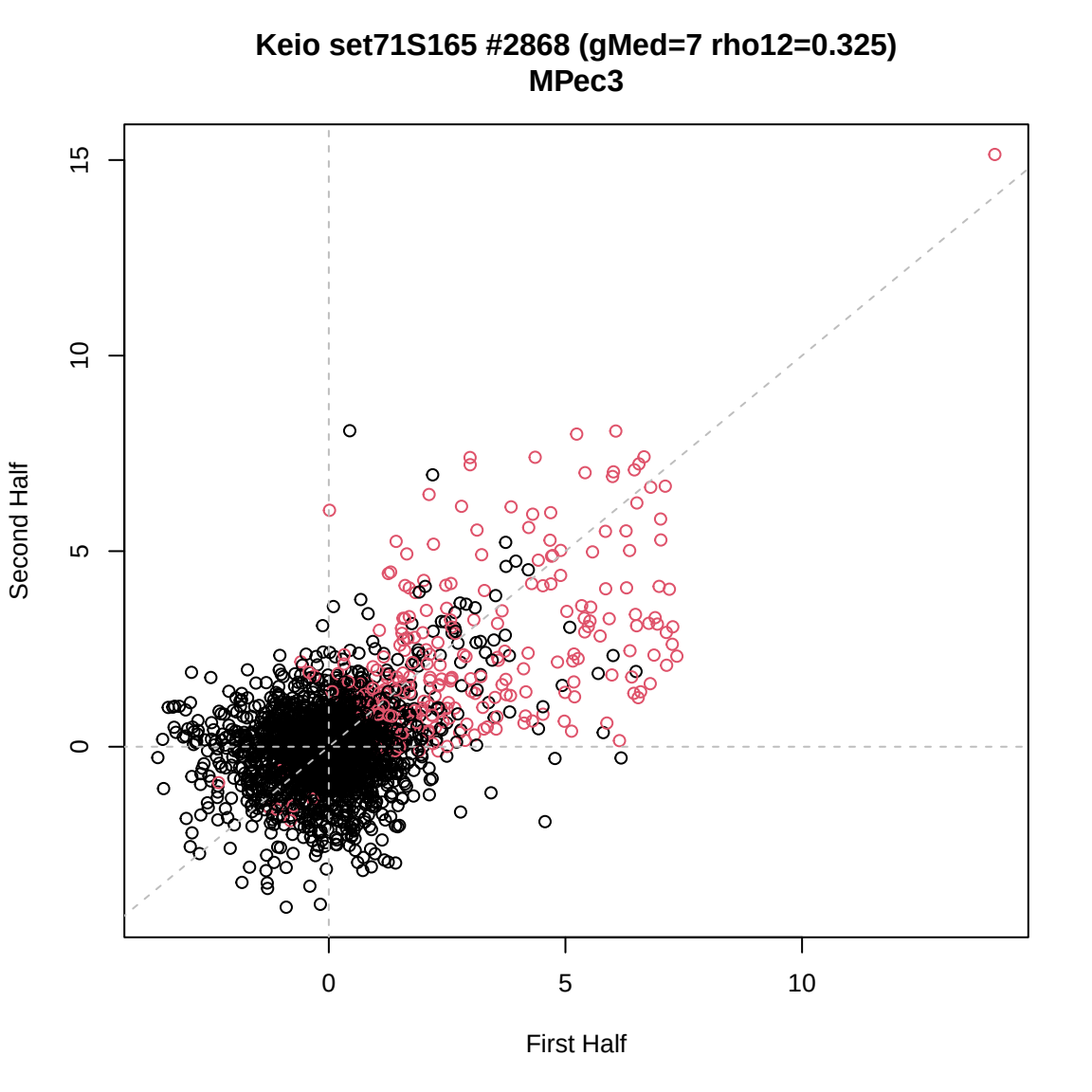

Keio set71S138 #2863 (gMed=604 rho12=0.221)
Sodium−DL−Lactate
Second Half
First Half
0
−2
−4
−6
−8
−10
−8
−6
−4
−2
0
2

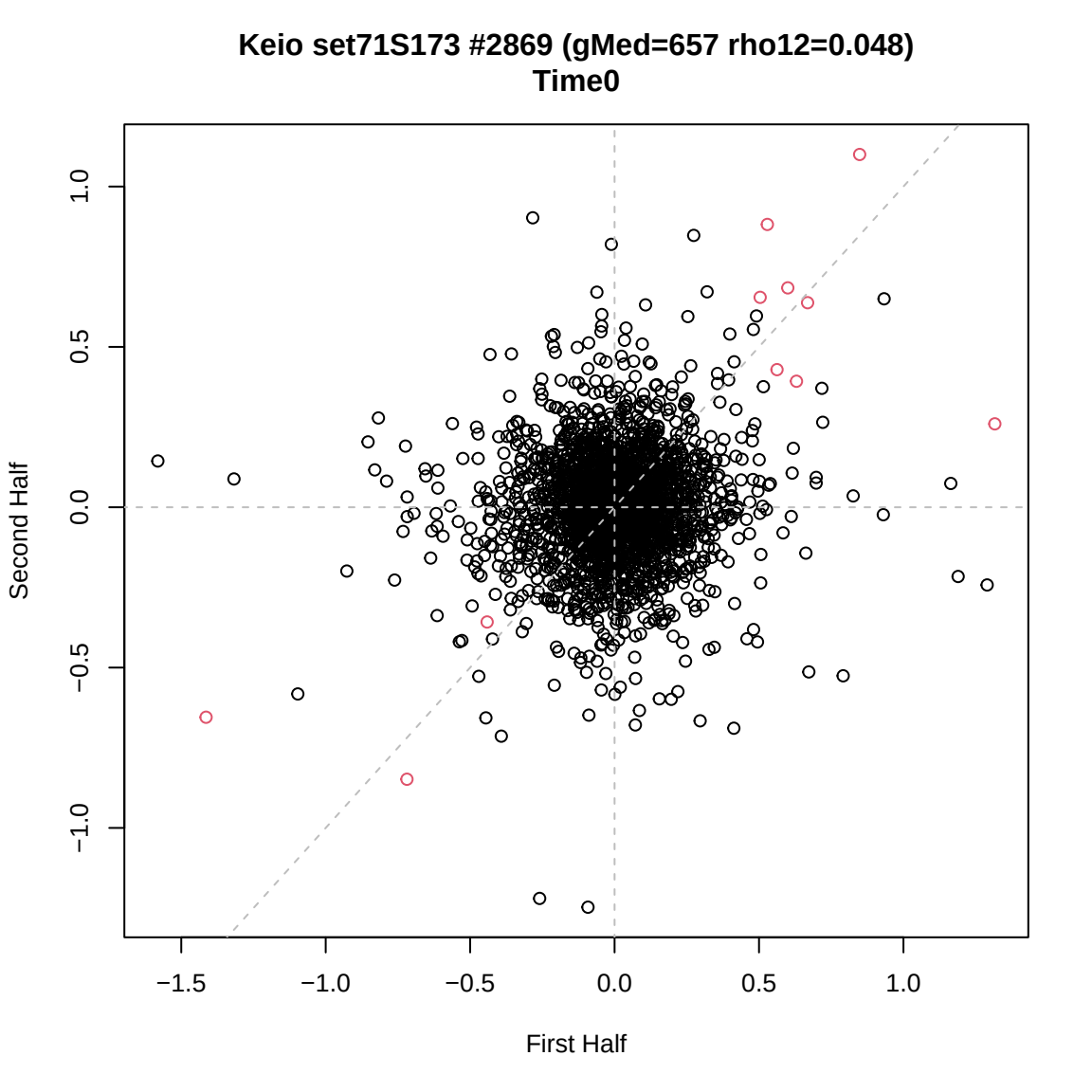

Keio set71S141 #2864 (gMed=0 rho12=0.498)
Bas53
Second Half
First Half
0
5
10
15

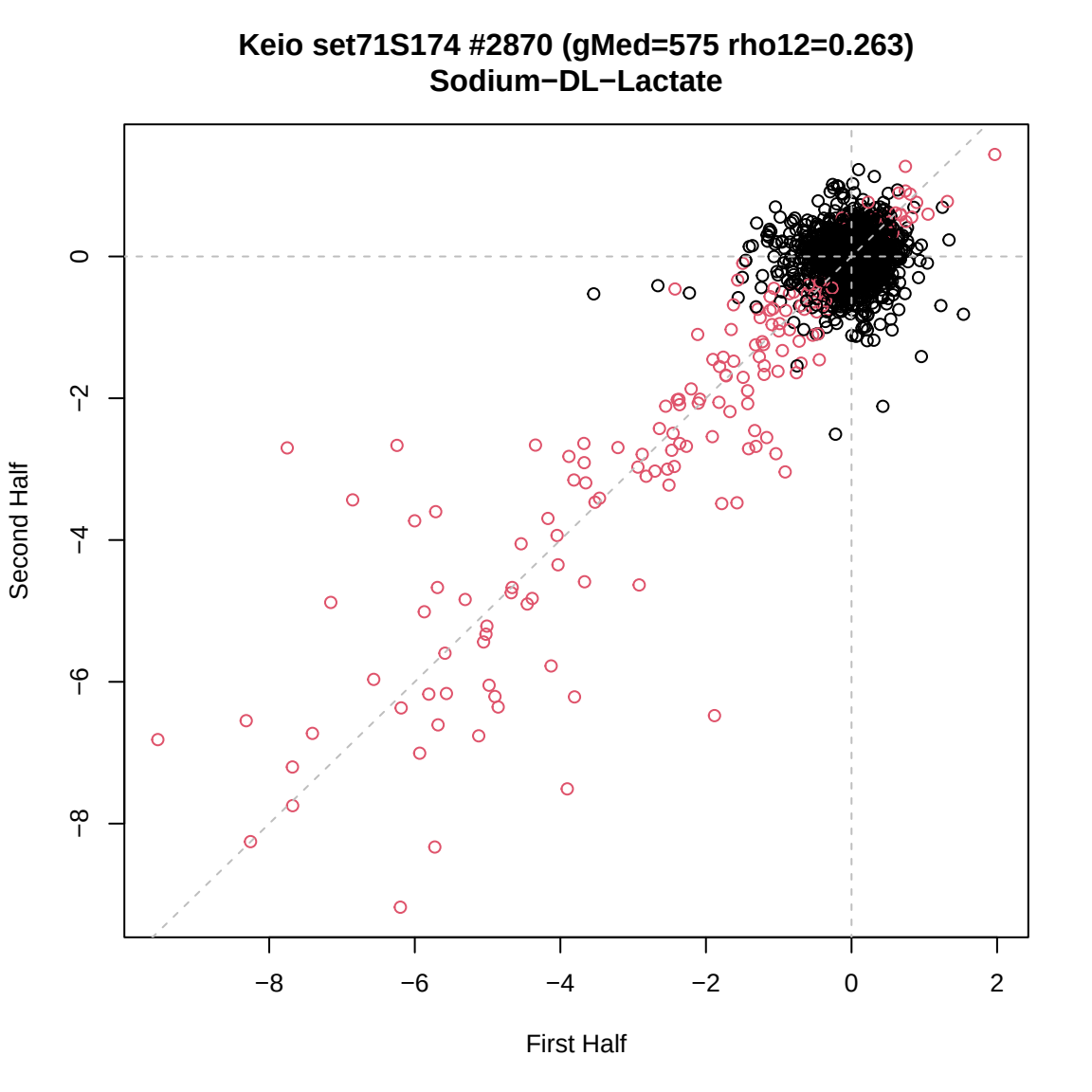

Keio set71S150 #2865 (gMed=617 rho12=0.216)
Casamino−acids
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

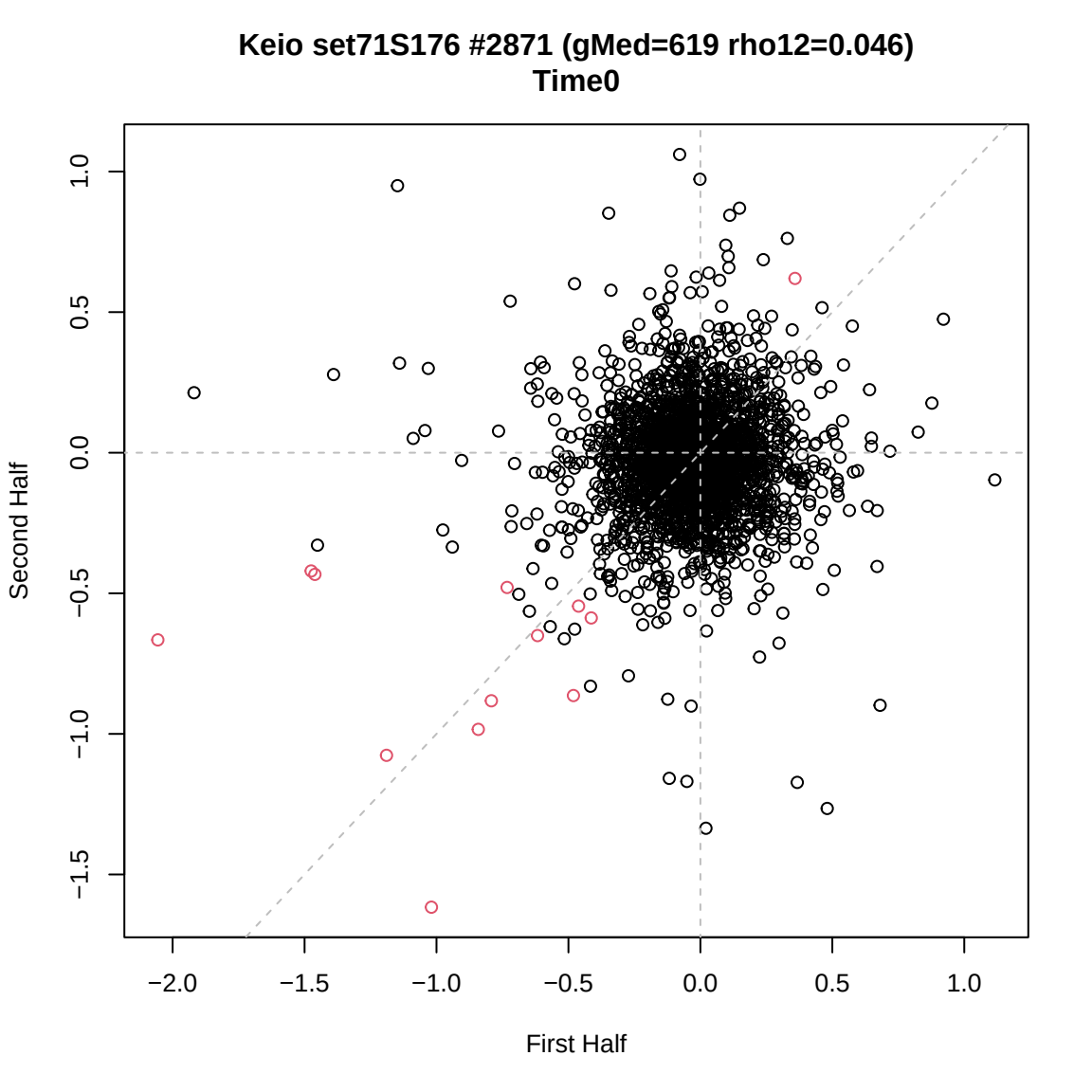

Keio set71S153 #2866 (gMed=8 rho12=0.329)
MPec3
Second Half
First Half
15
10
5
0
−5
0
5
10

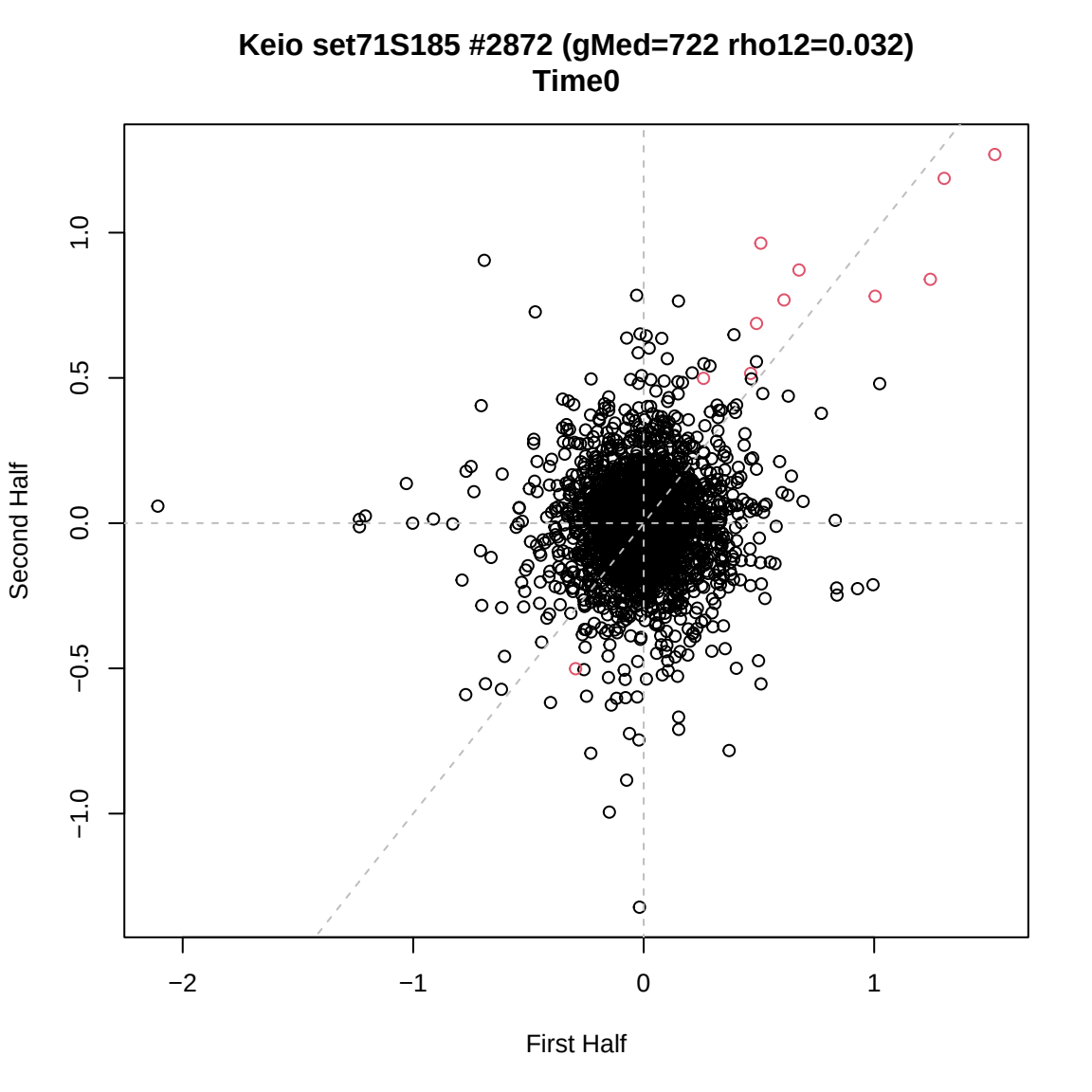

Keio set71S162 #2867 (gMed=618 rho12=0.240)
D−Glucose
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0

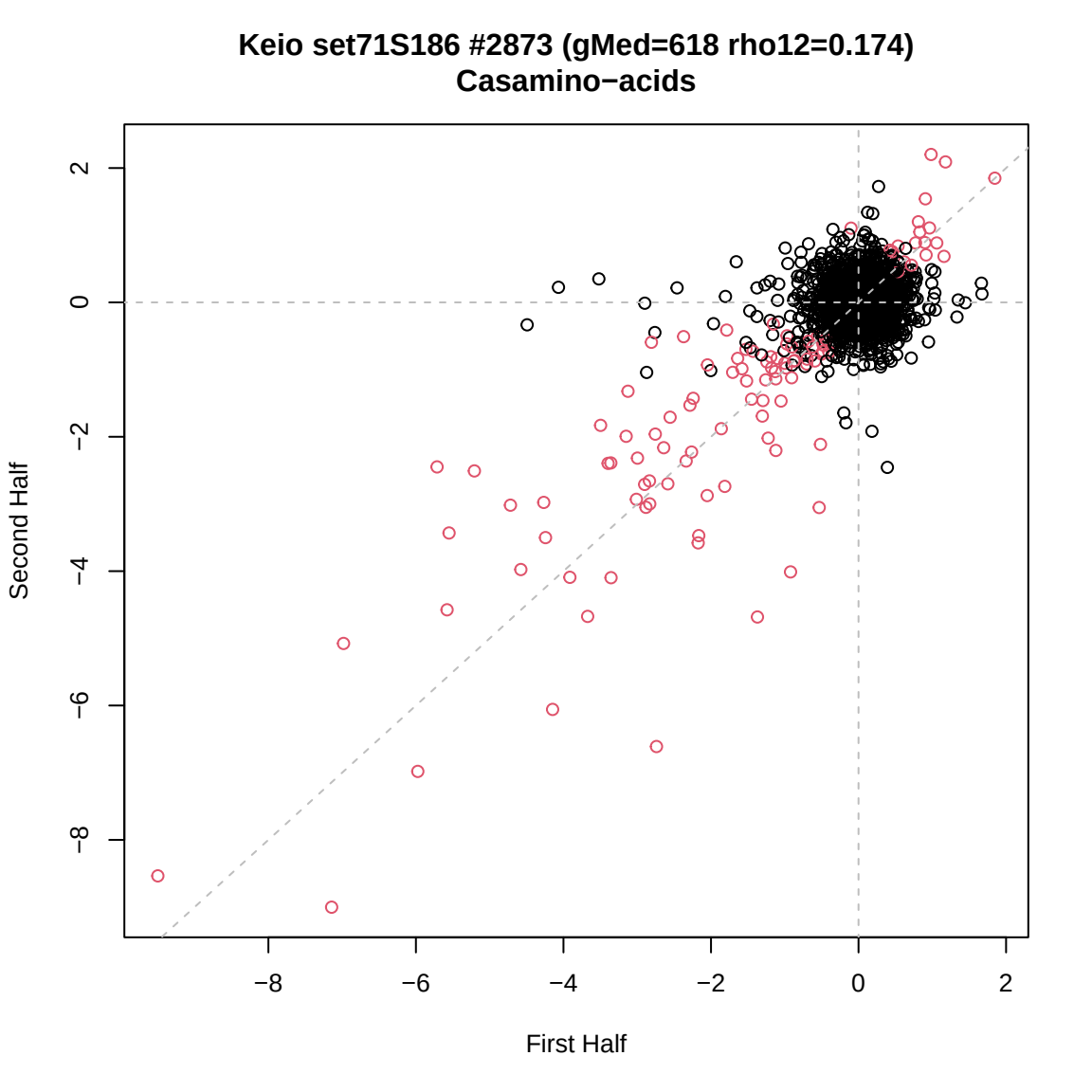

Keio set71S165 #2868 (gMed=7 rho12=0.325)
MPec3
Second Half
First Half
0
5
10
15
0
5
10

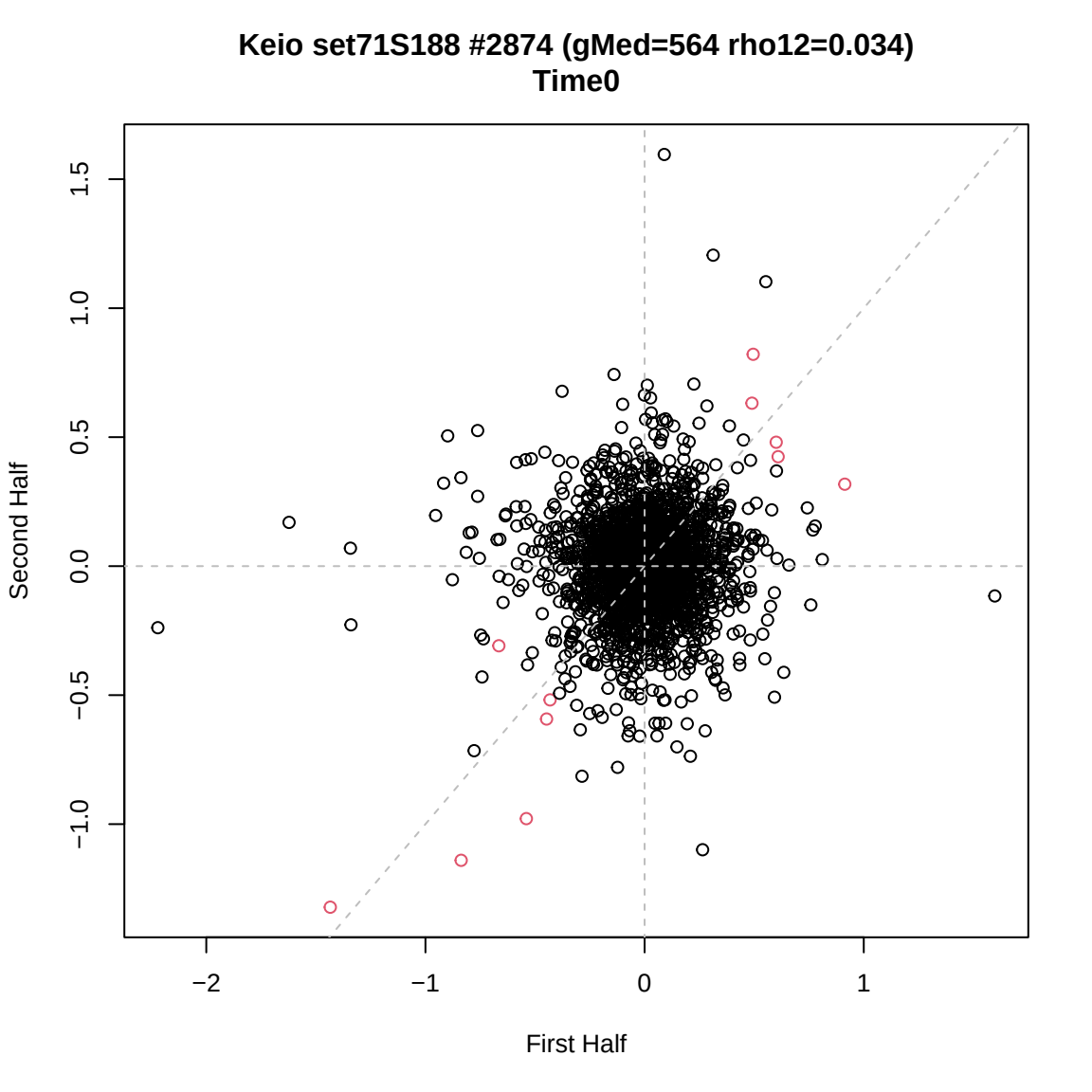

Keio set71S173 #2869 (gMed=657 rho12=0.048)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

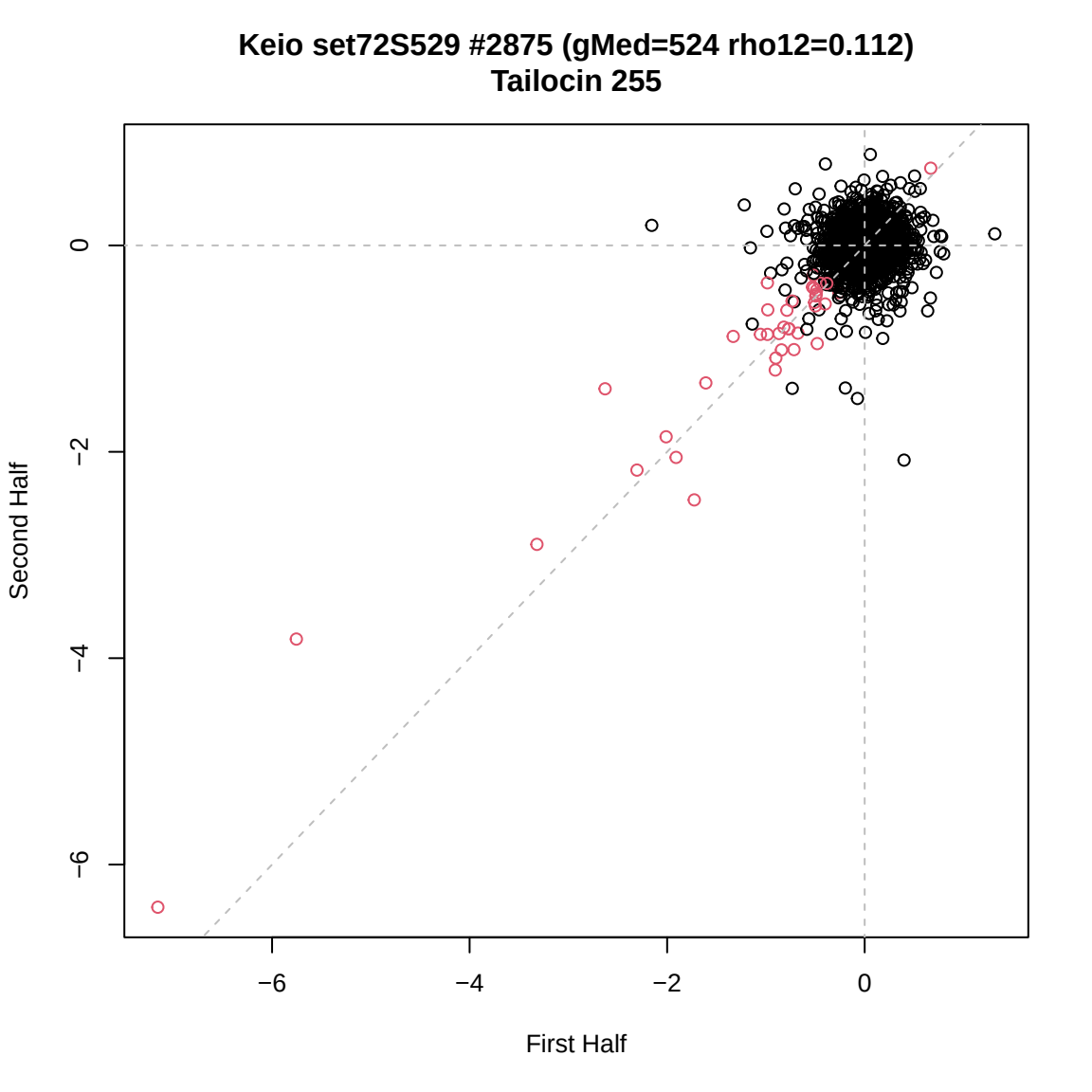

Keio set71S174 #2870 (gMed=575 rho12=0.263)
Sodium−DL−Lactate
Second Half
First Half
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

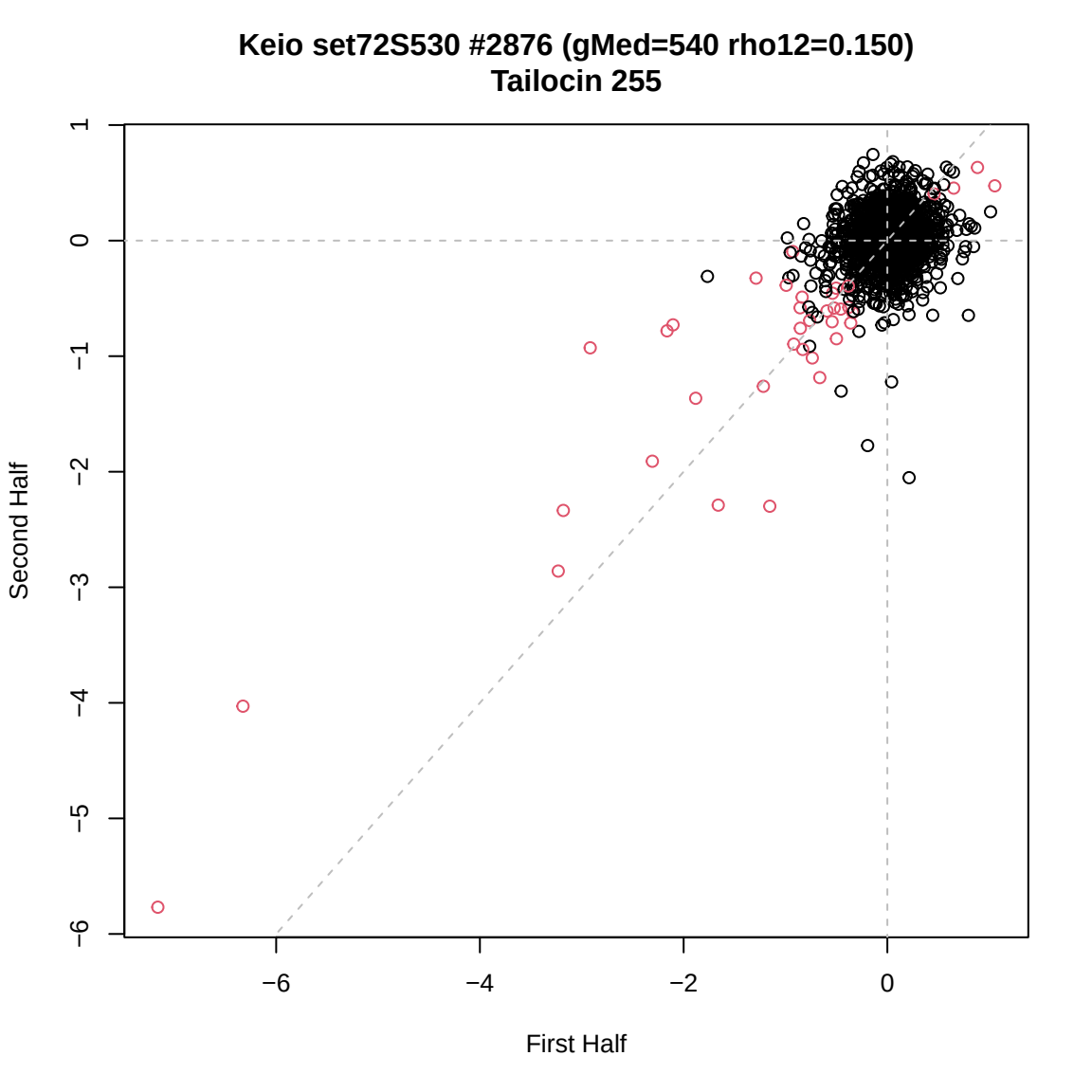

Keio set71S176 #2871 (gMed=619 rho12=0.046)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

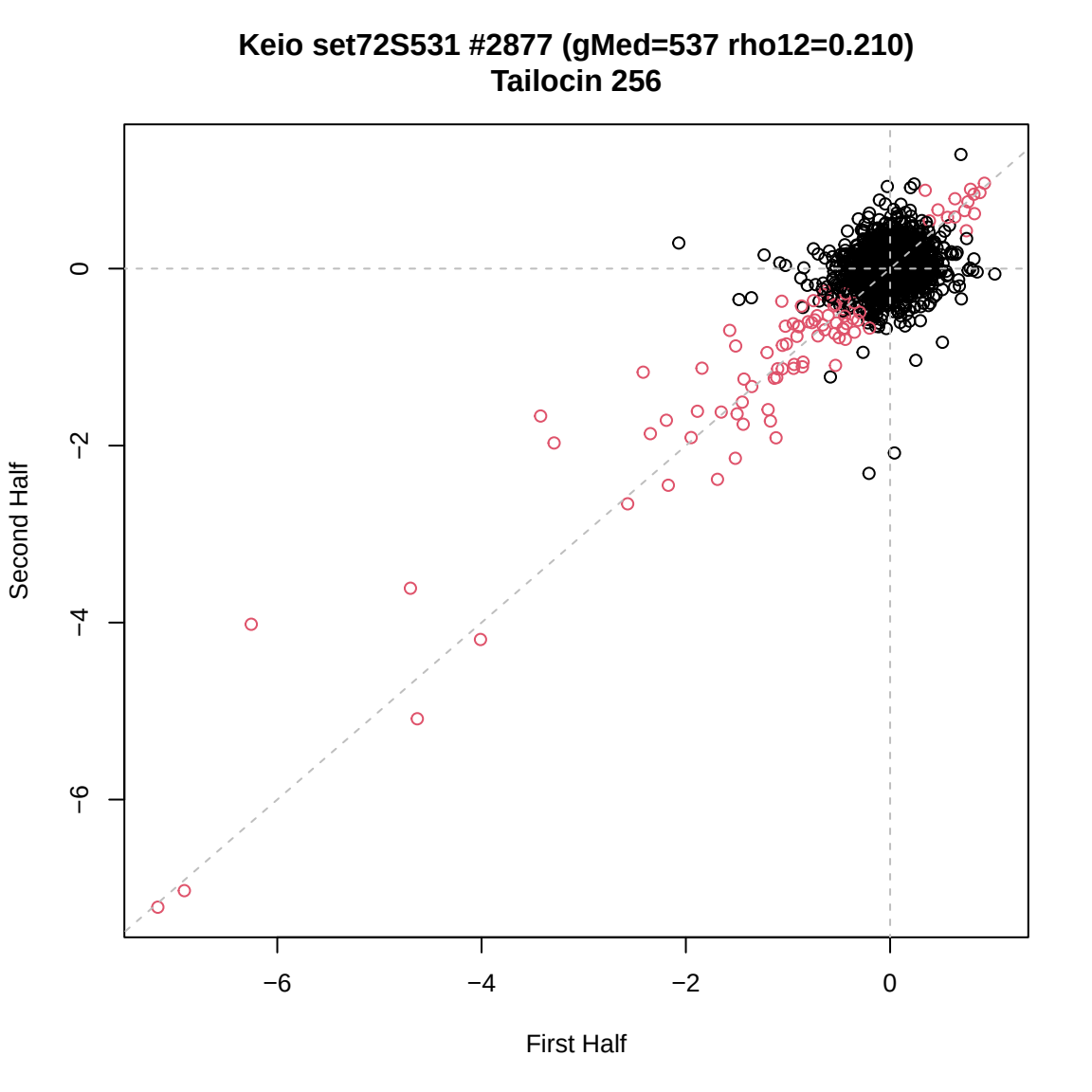

Keio set71S185 #2872 (gMed=722 rho12=0.032)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2
−1
0
1

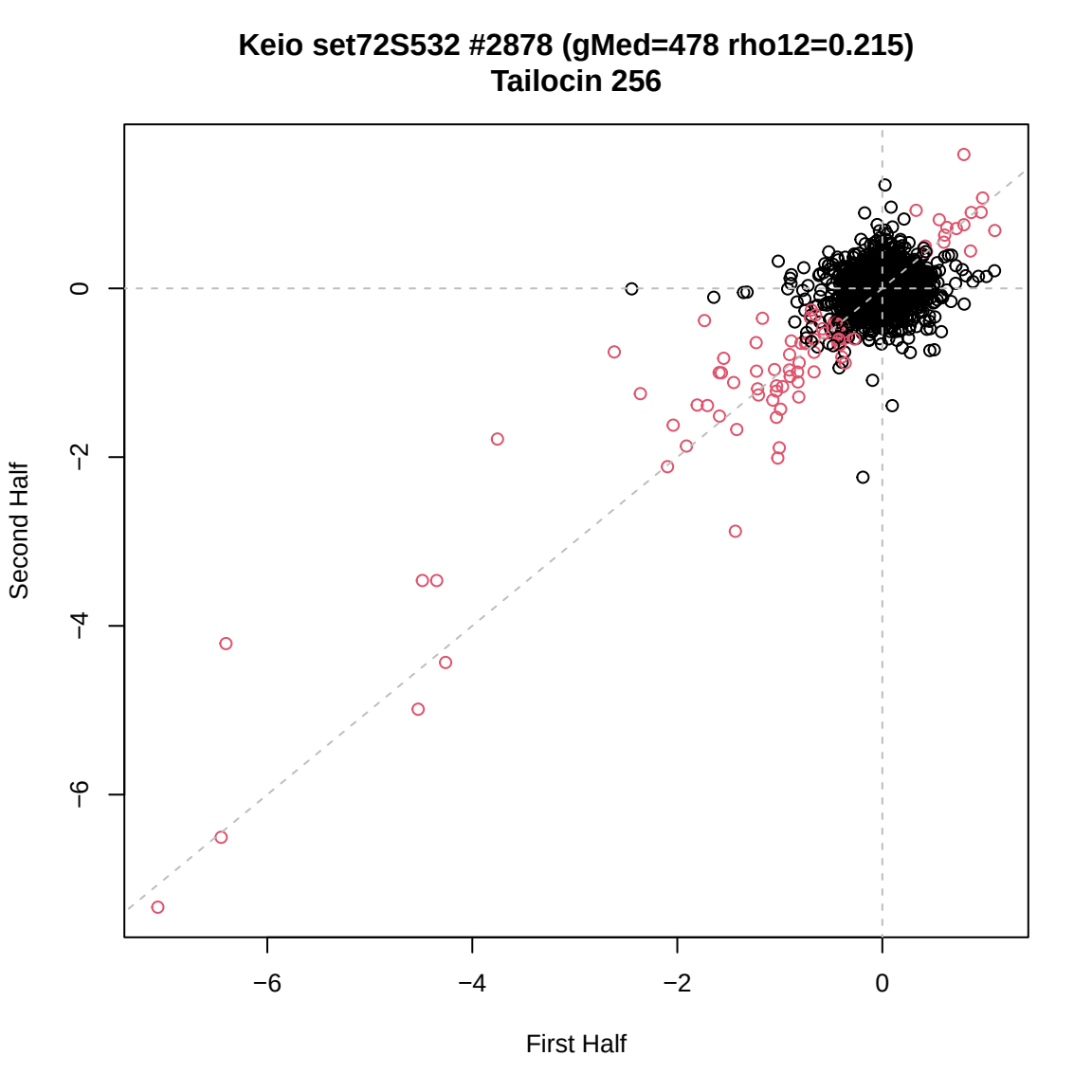

Keio set71S186 #2873 (gMed=618 rho12=0.174)
Casamino−acids
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

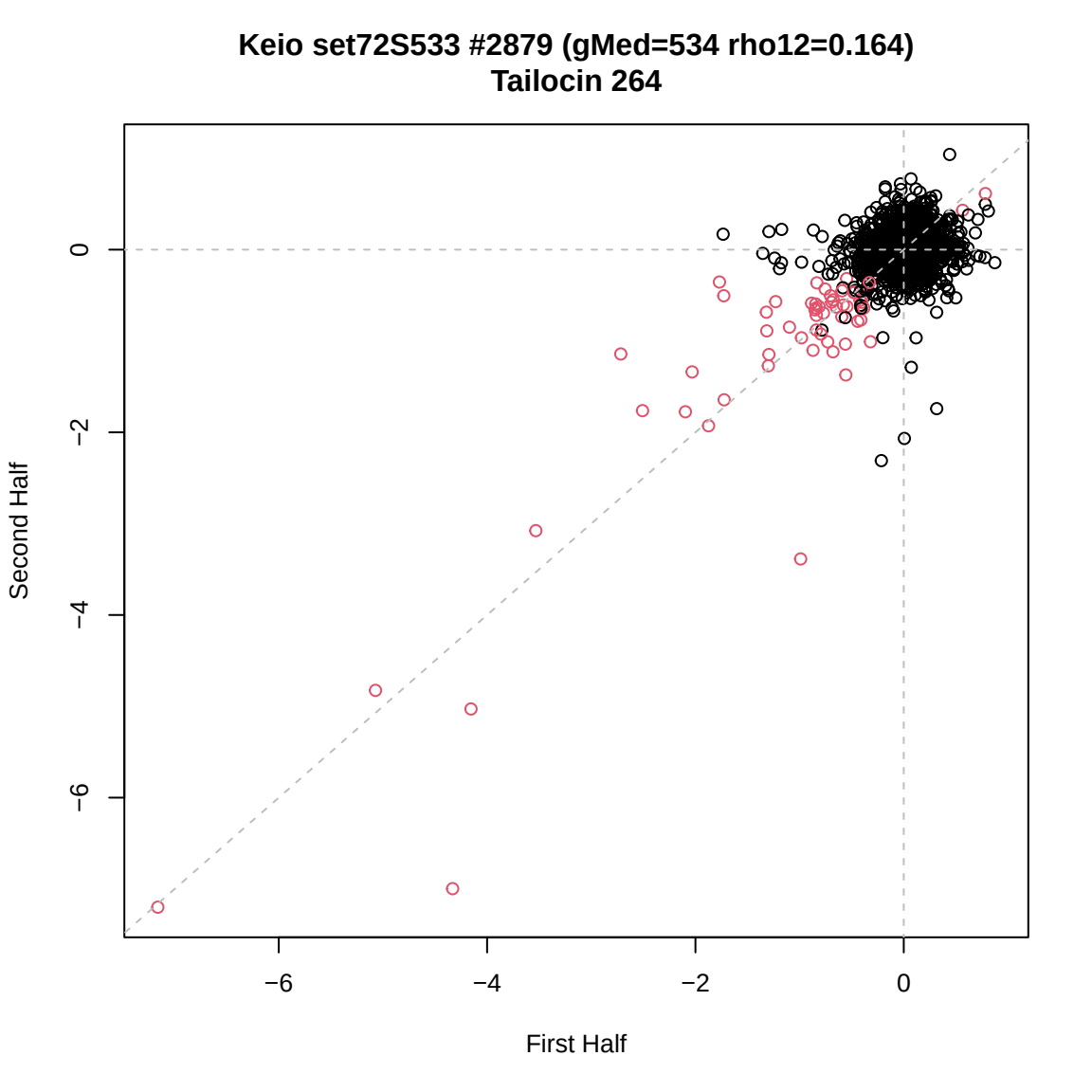

Keio set71S188 #2874 (gMed=564 rho12=0.034)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−2
−1
0
1

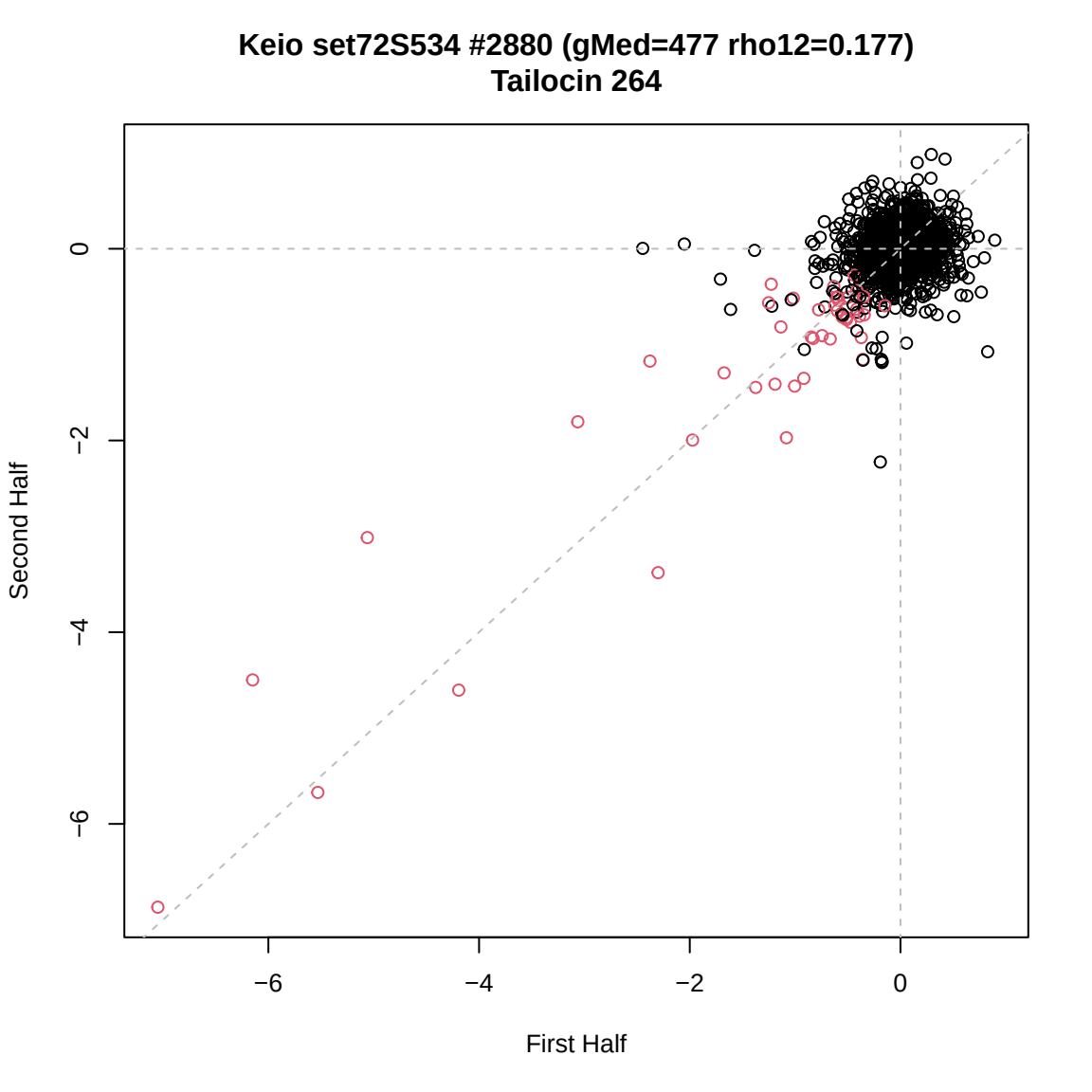

Keio set72S529 #2875 (gMed=524 rho12=0.112)
Tailocin 255
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

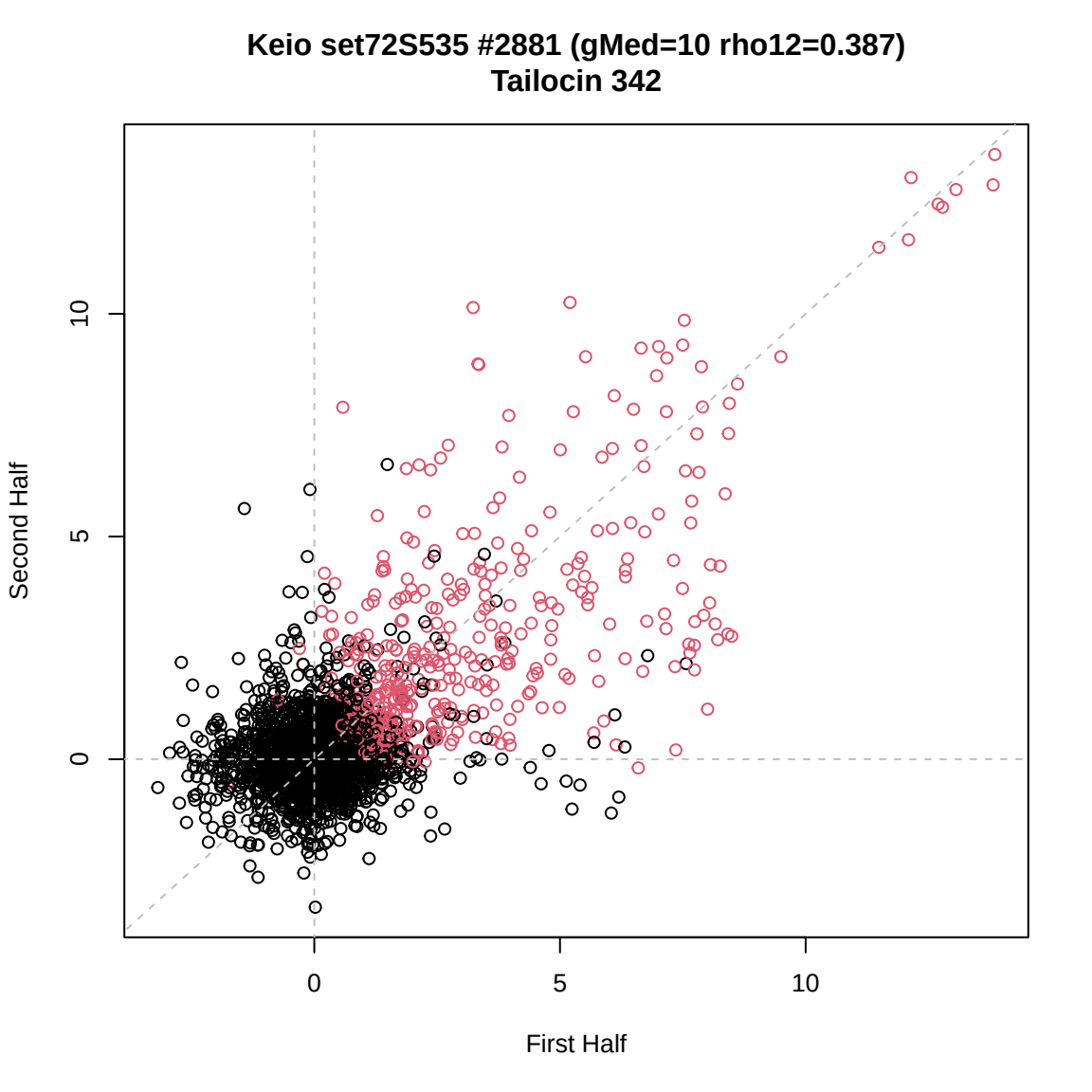

Keio set72S530 #2876 (gMed=540 rho12=0.150)
Tailocin 255
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

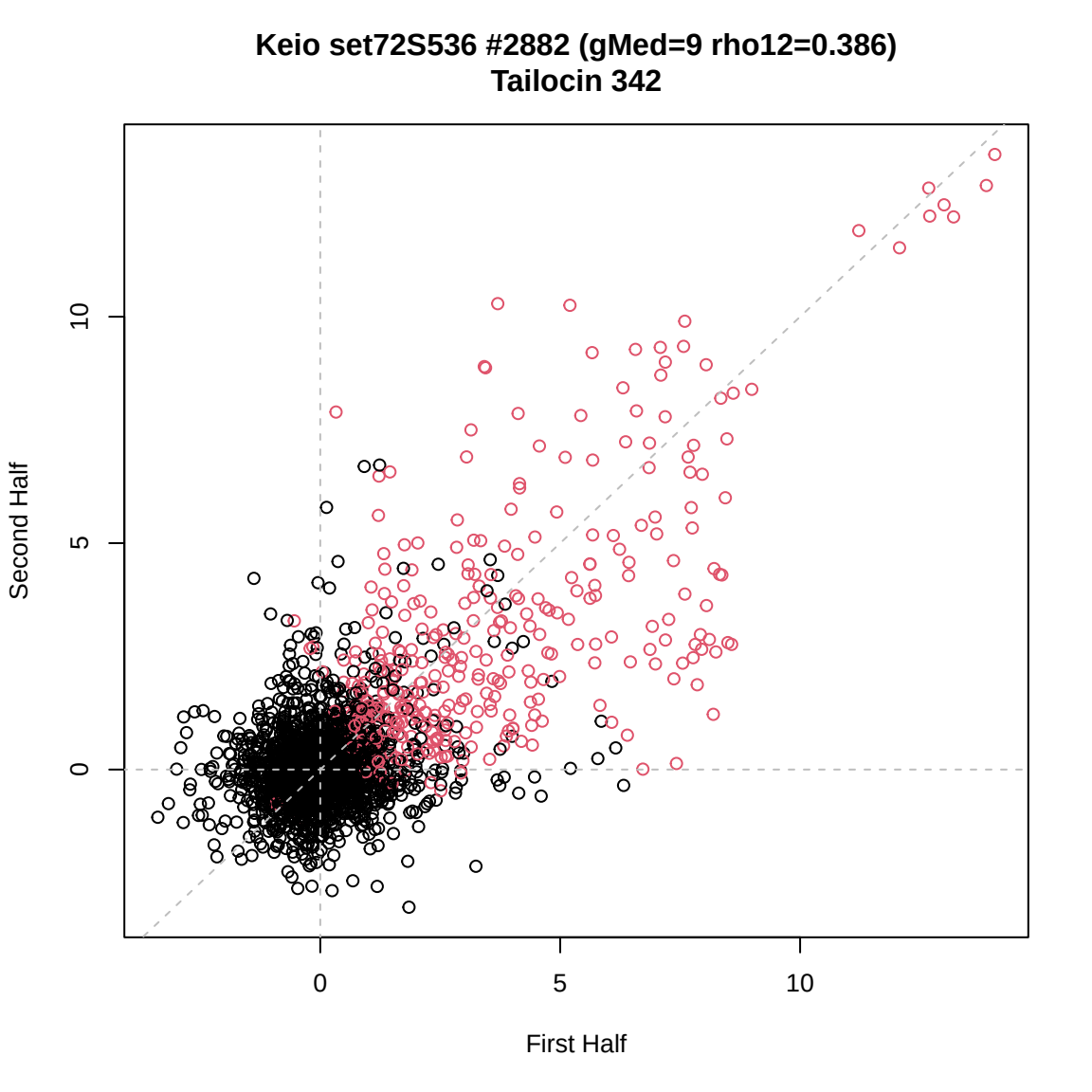

Keio set72S531 #2877 (gMed=537 rho12=0.210)
Tailocin 256
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

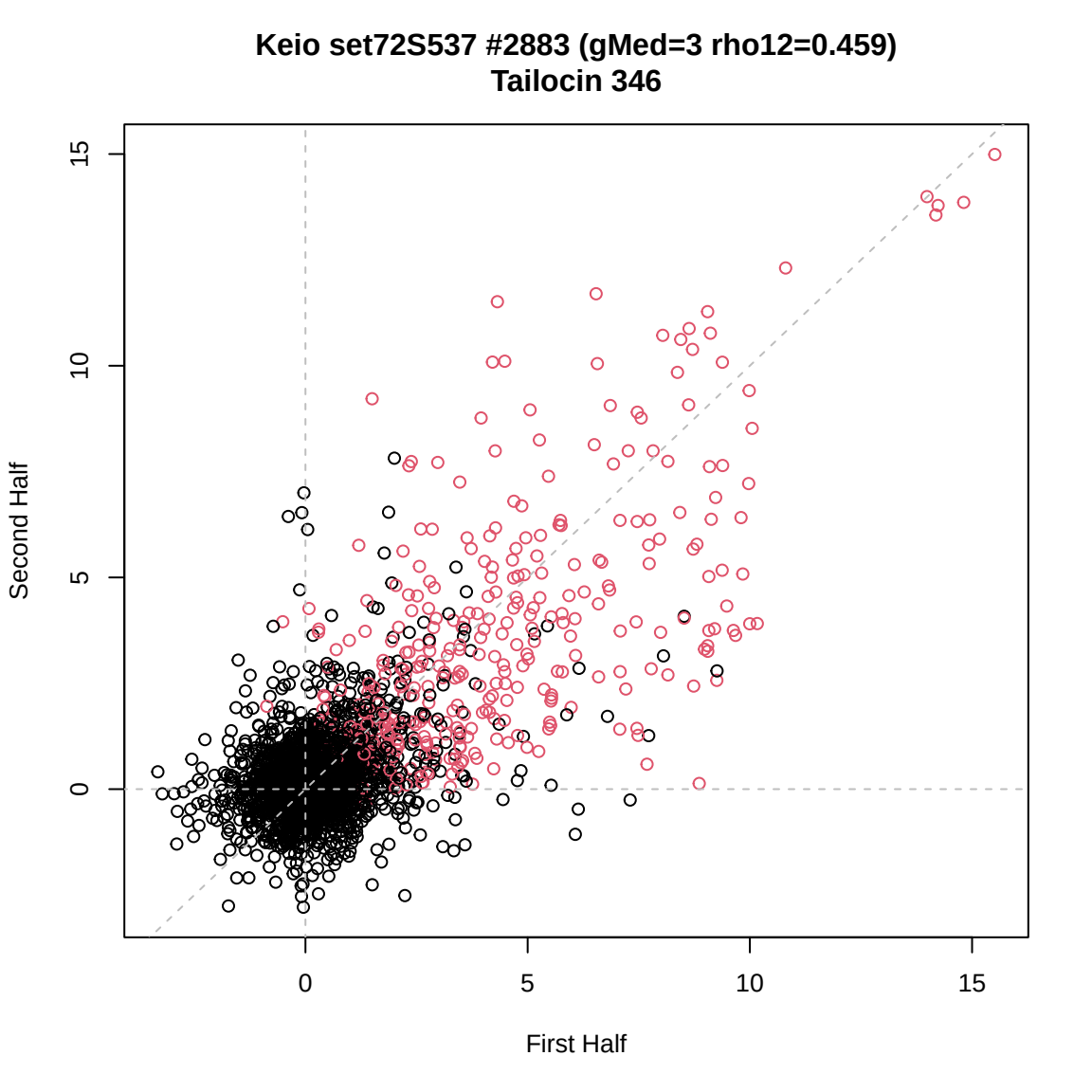

Keio set72S532 #2878 (gMed=478 rho12=0.215)
Tailocin 256
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

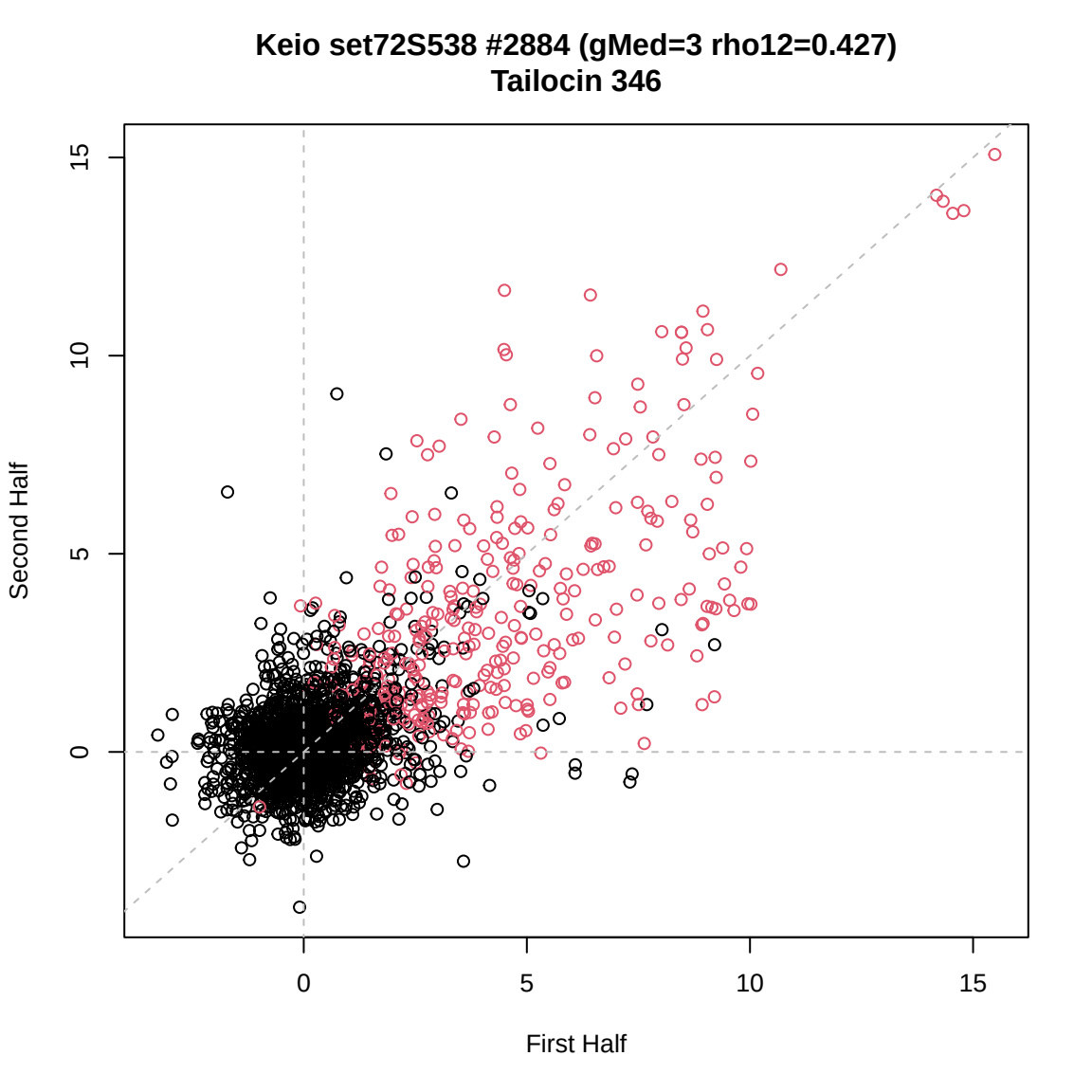

Keio set72S533 #2879 (gMed=534 rho12=0.164)
Tailocin 264
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

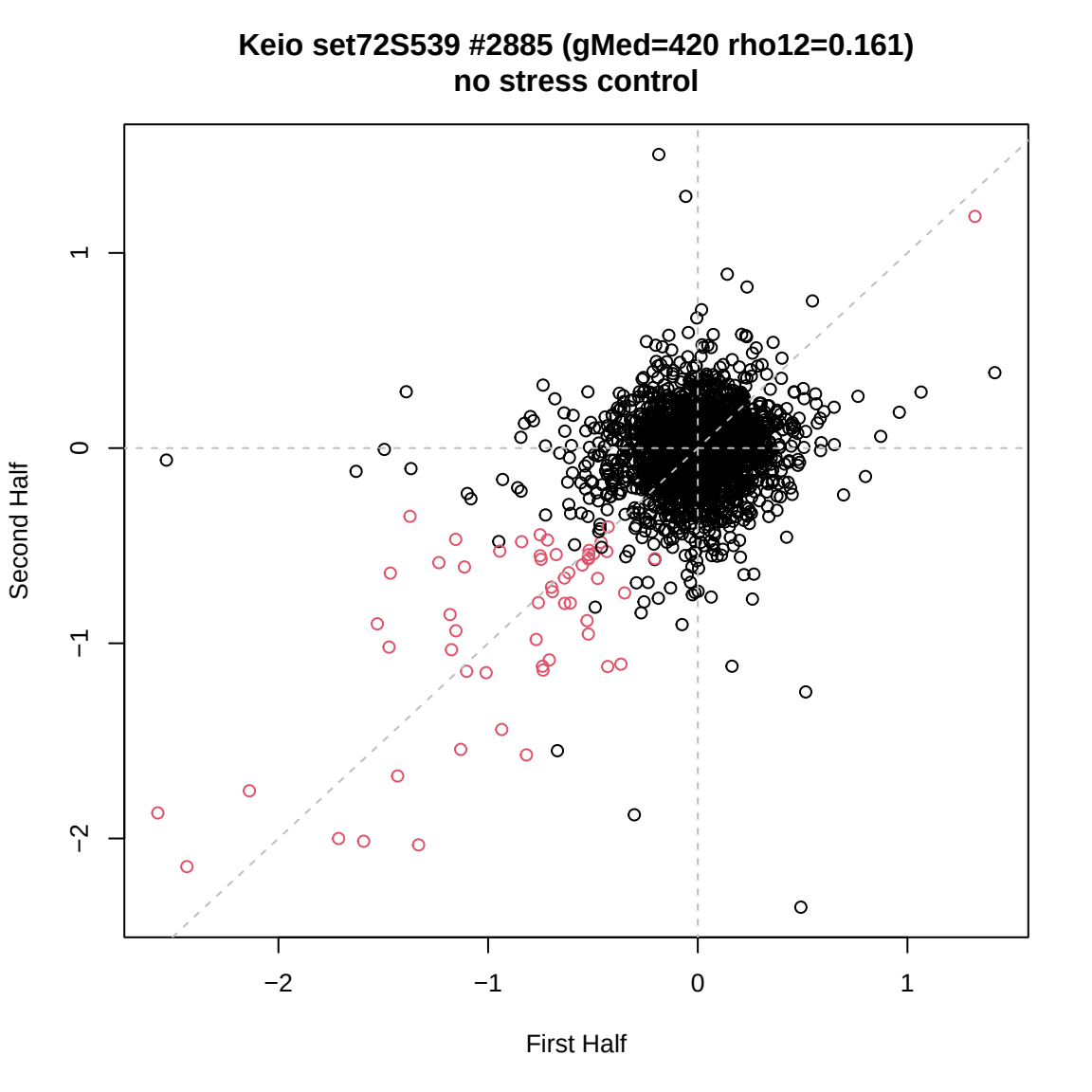

Keio set72S534 #2880 (gMed=477 rho12=0.177)
Tailocin 264
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

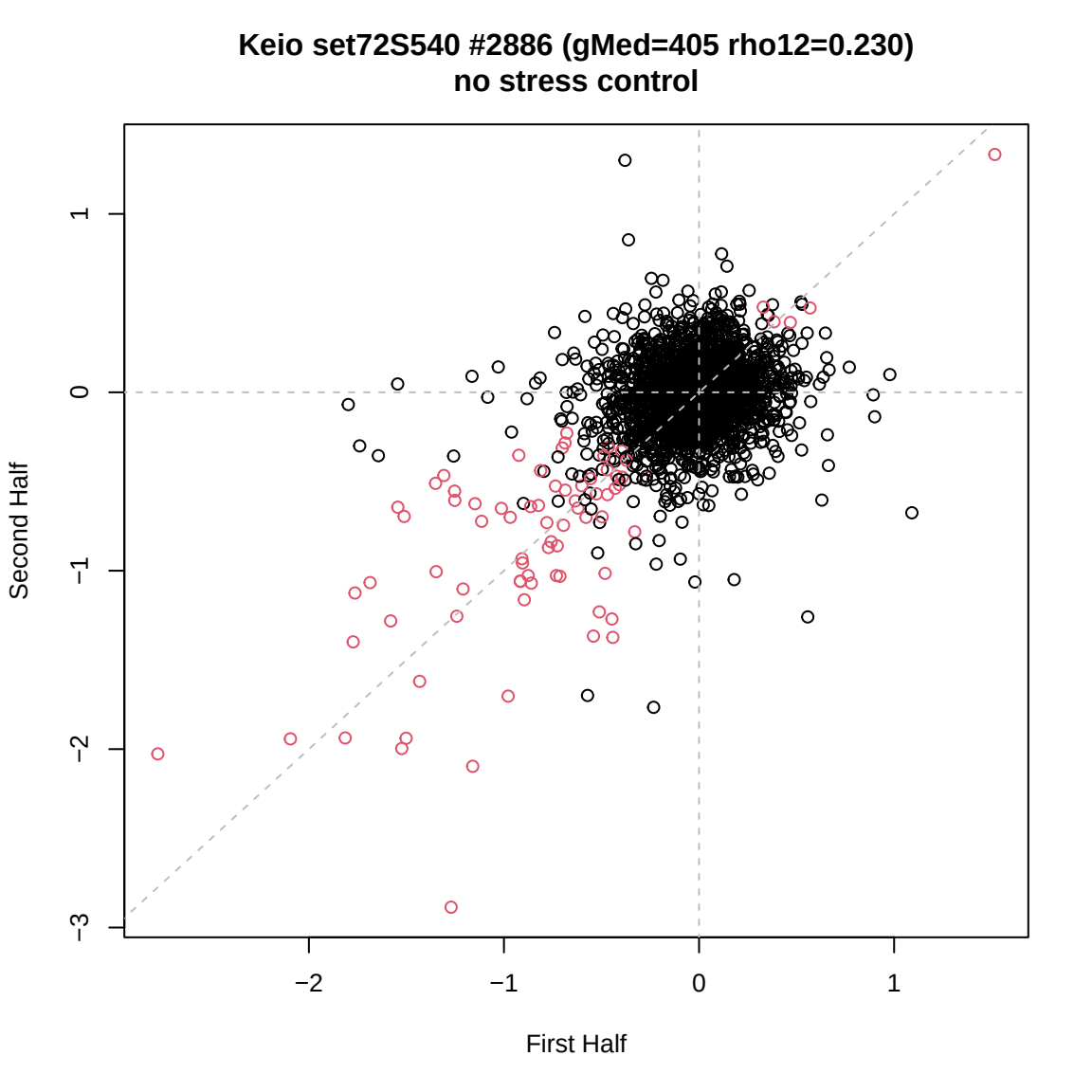

Keio set72S535 #2881 (gMed=10 rho12=0.387)
Tailocin 342
Second Half
First Half
0
5
10
0
5
10

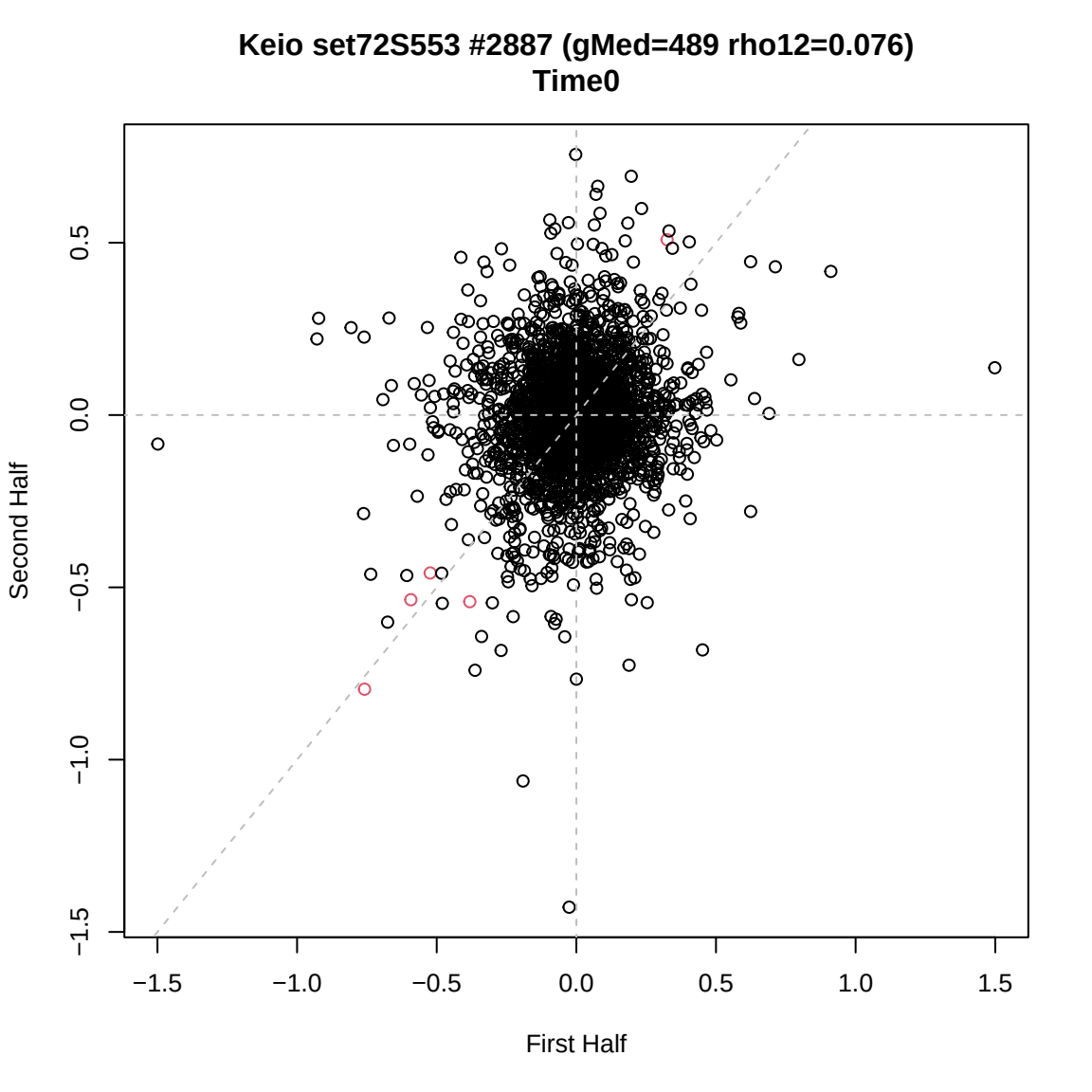

Keio set72S536 #2882 (gMed=9 rho12=0.386)
Tailocin 342
Second Half
First Half
0
5
10
0
5
10

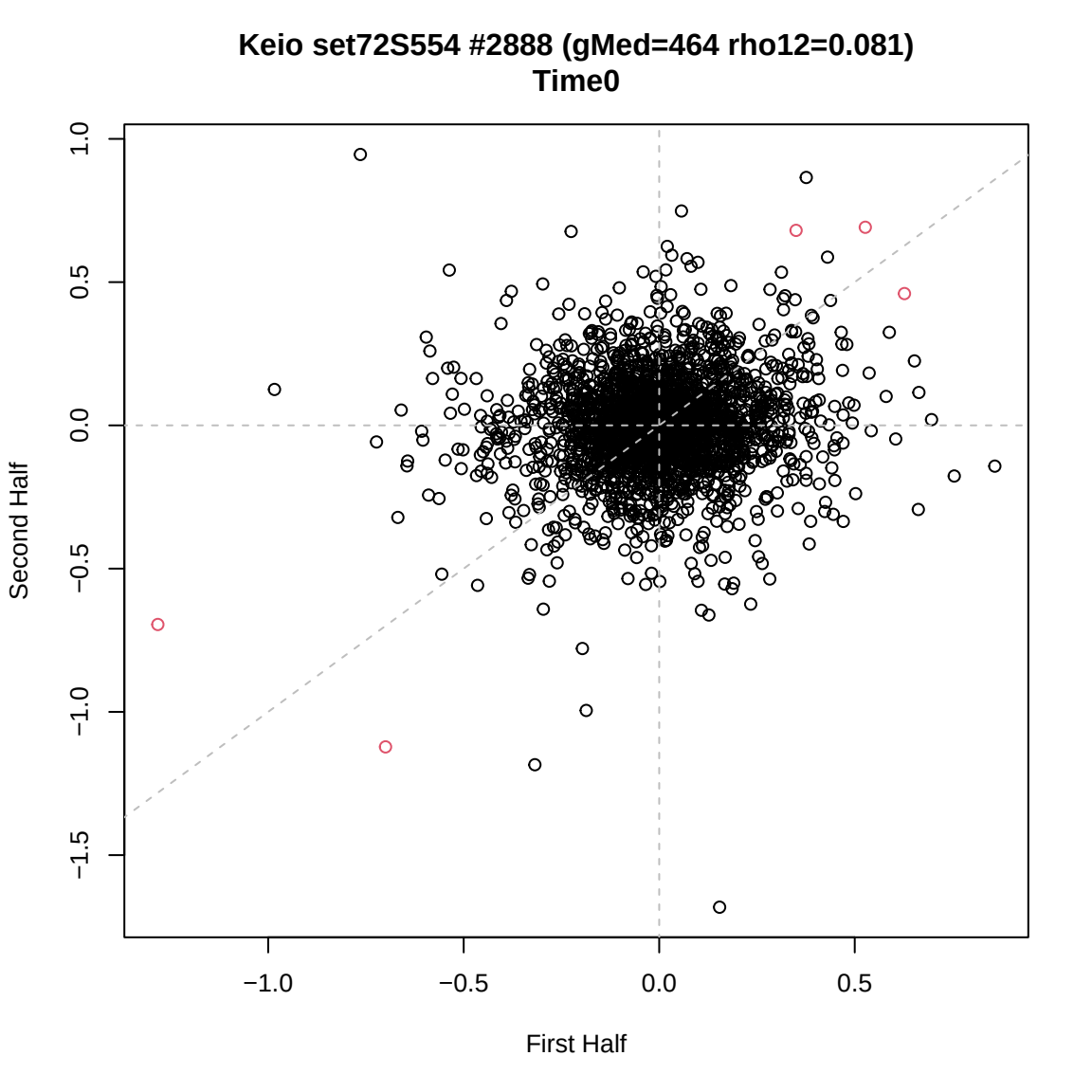

Keio set72S537 #2883 (gMed=3 rho12=0.459)
Tailocin 346
Second Half
First Half
0
5
10
15

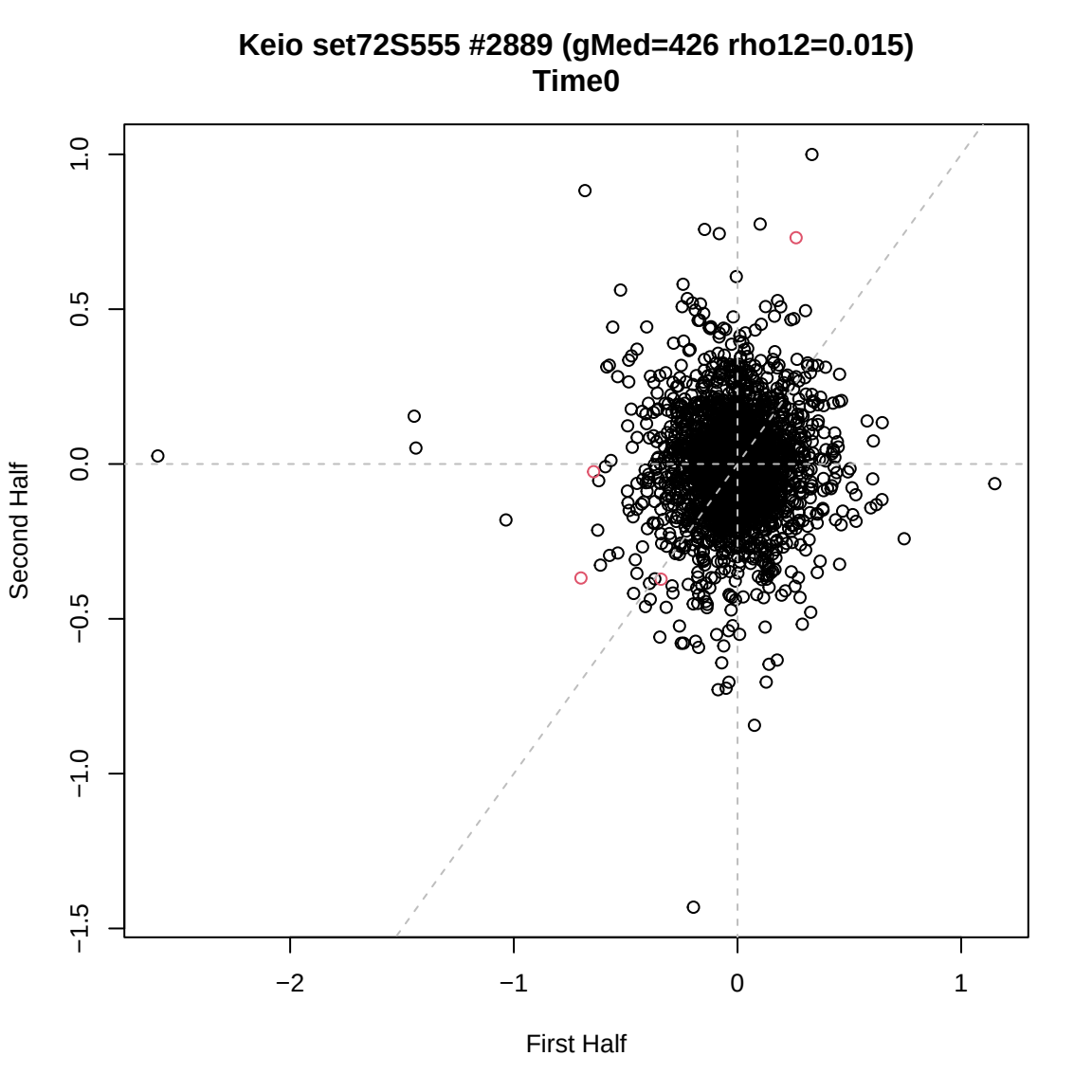

Keio set72S538 #2884 (gMed=3 rho12=0.427)
Tailocin 346
Second Half
First Half
0
5
10
15

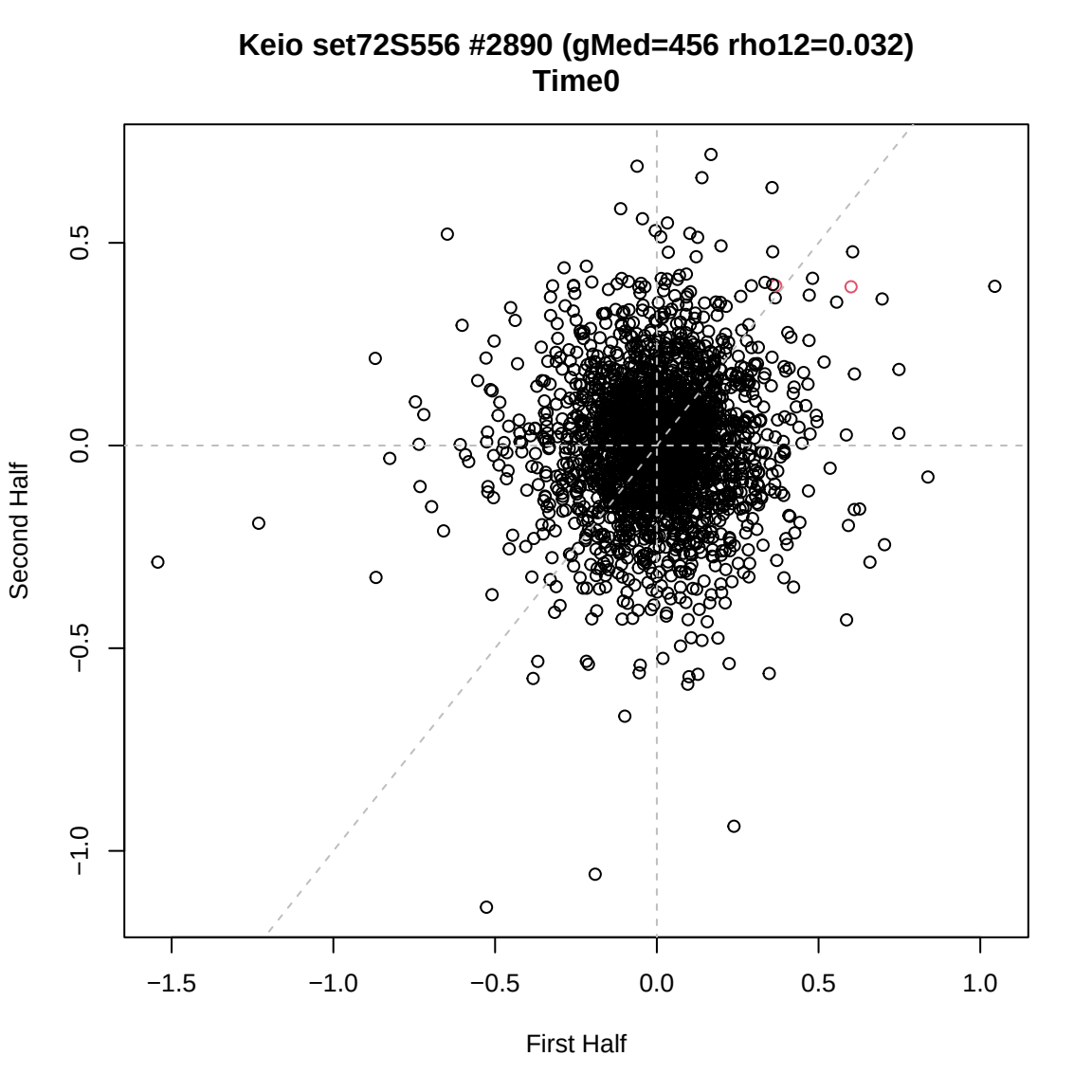

Keio set72S539 #2885 (gMed=420 rho12=0.161)
no stress control
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

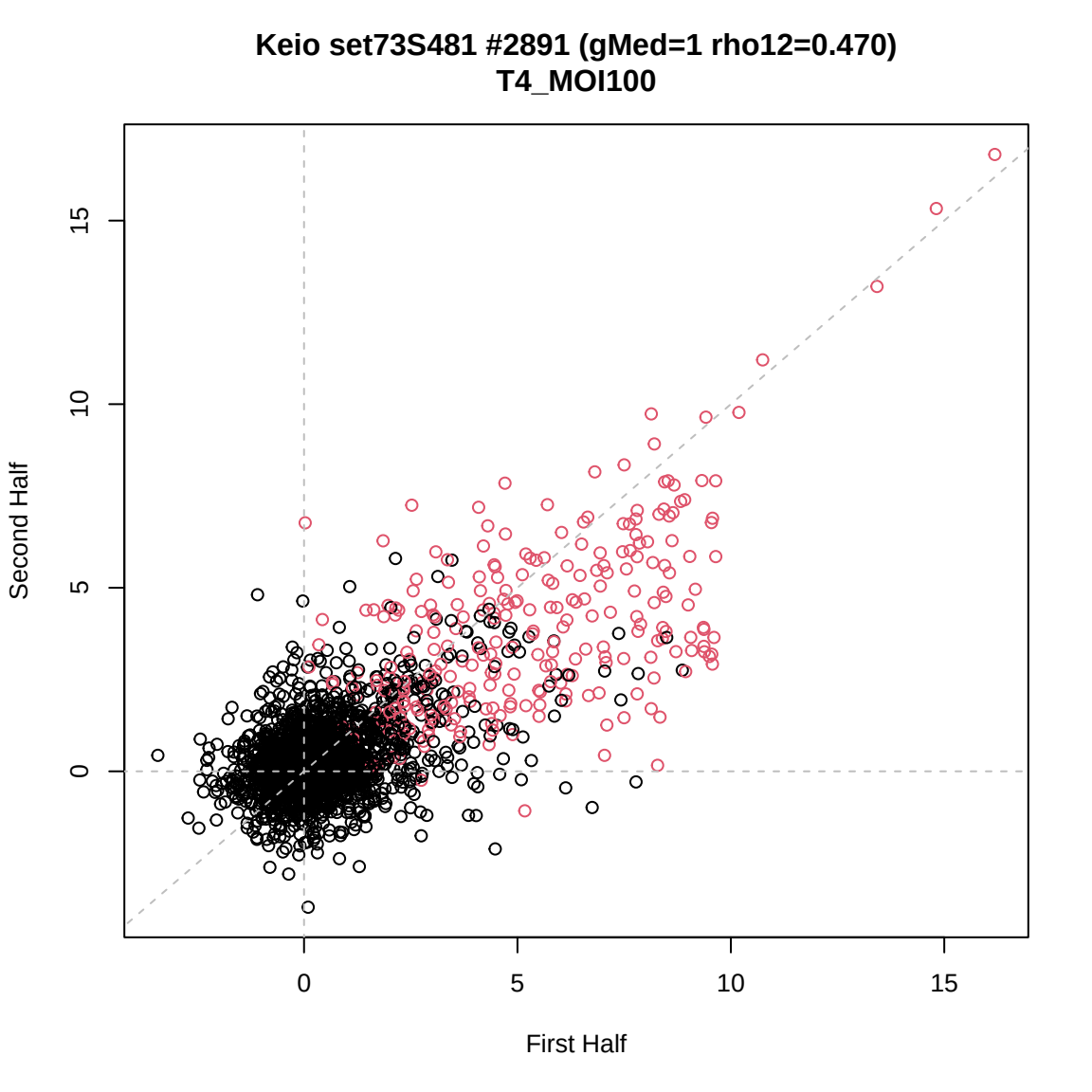

Keio set72S540 #2886 (gMed=405 rho12=0.230)
no stress control
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

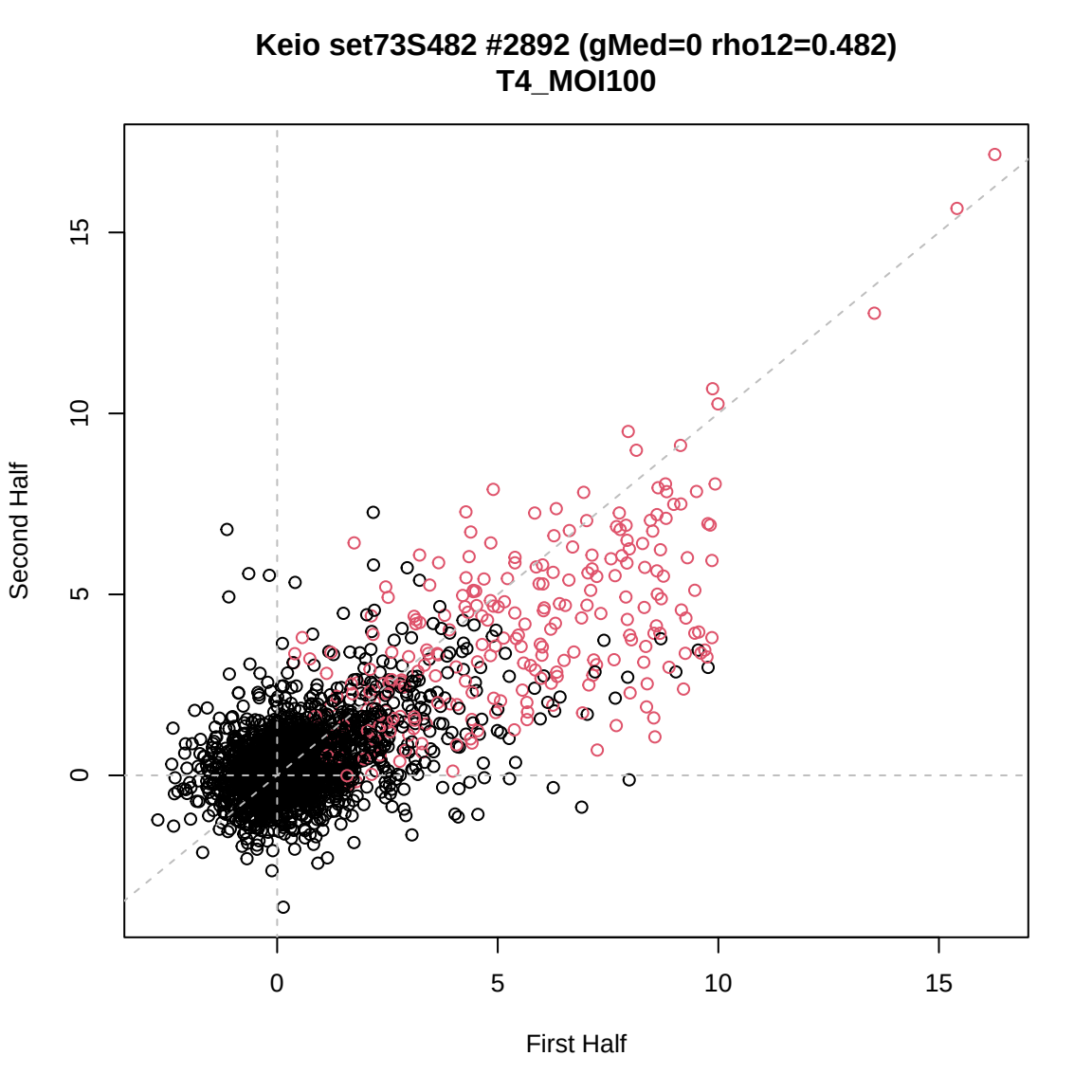

Keio set72S553 #2887 (gMed=489 rho12=0.076)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

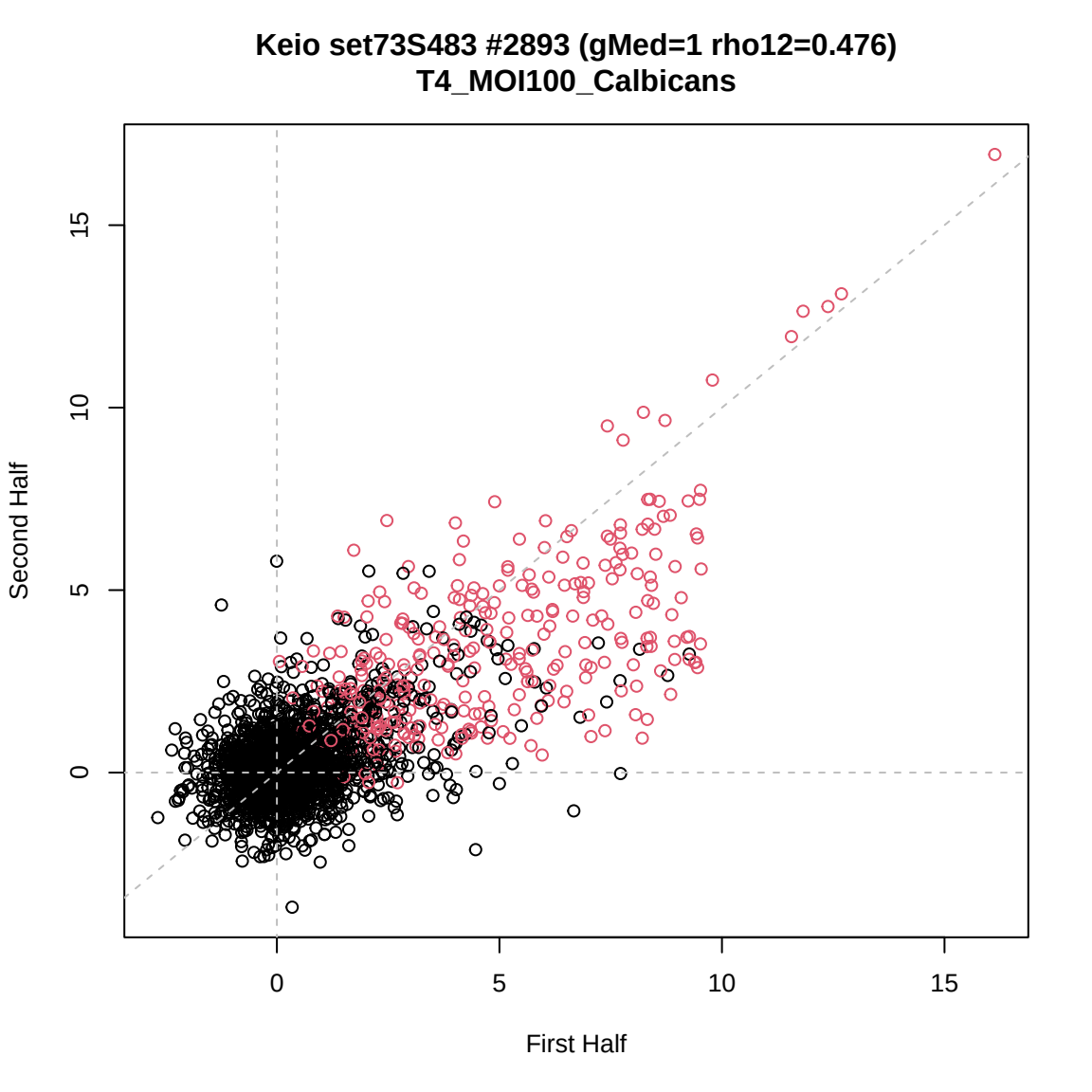

Keio set72S554 #2888 (gMed=464 rho12=0.081)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

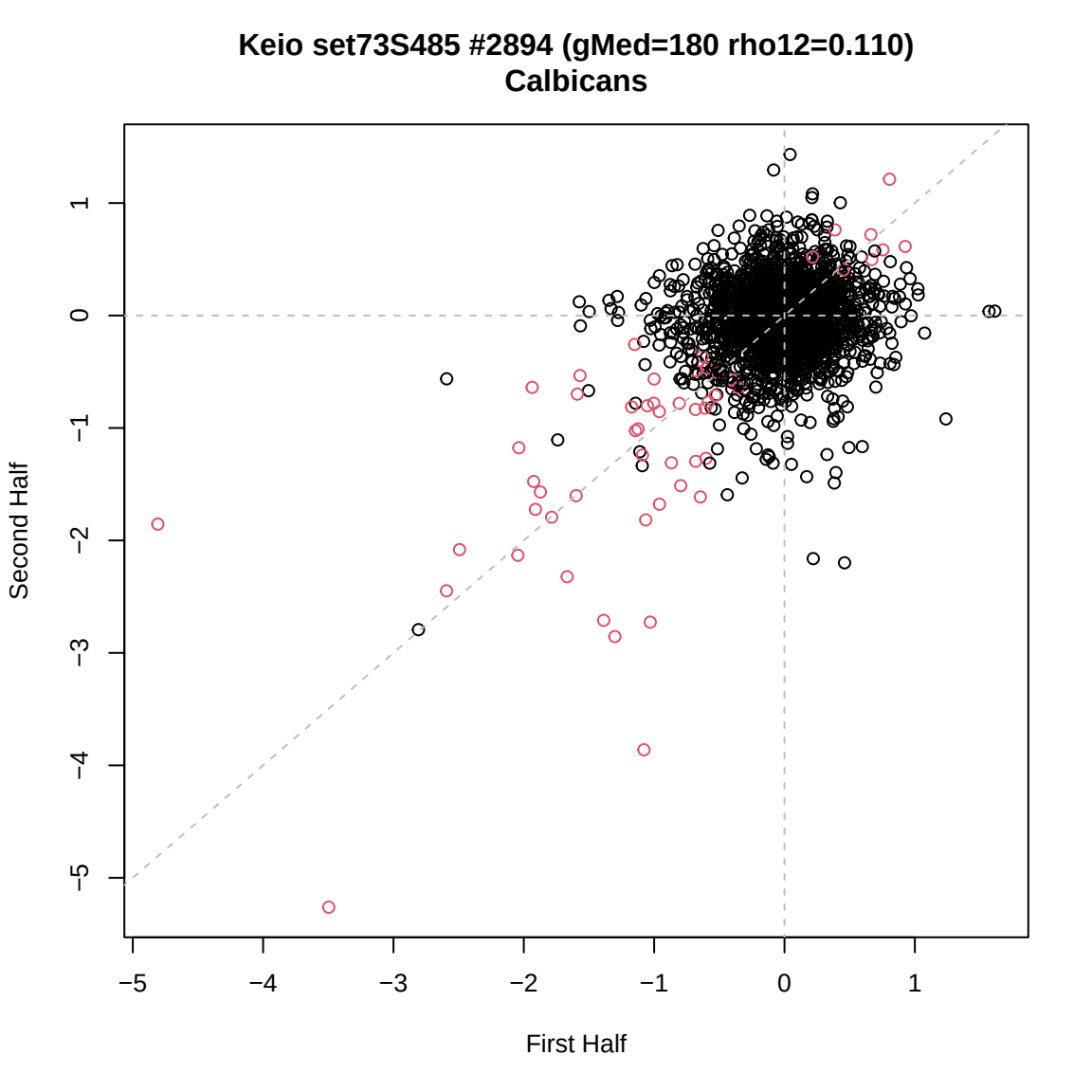

Keio set72S555 #2889 (gMed=426 rho12=0.015)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

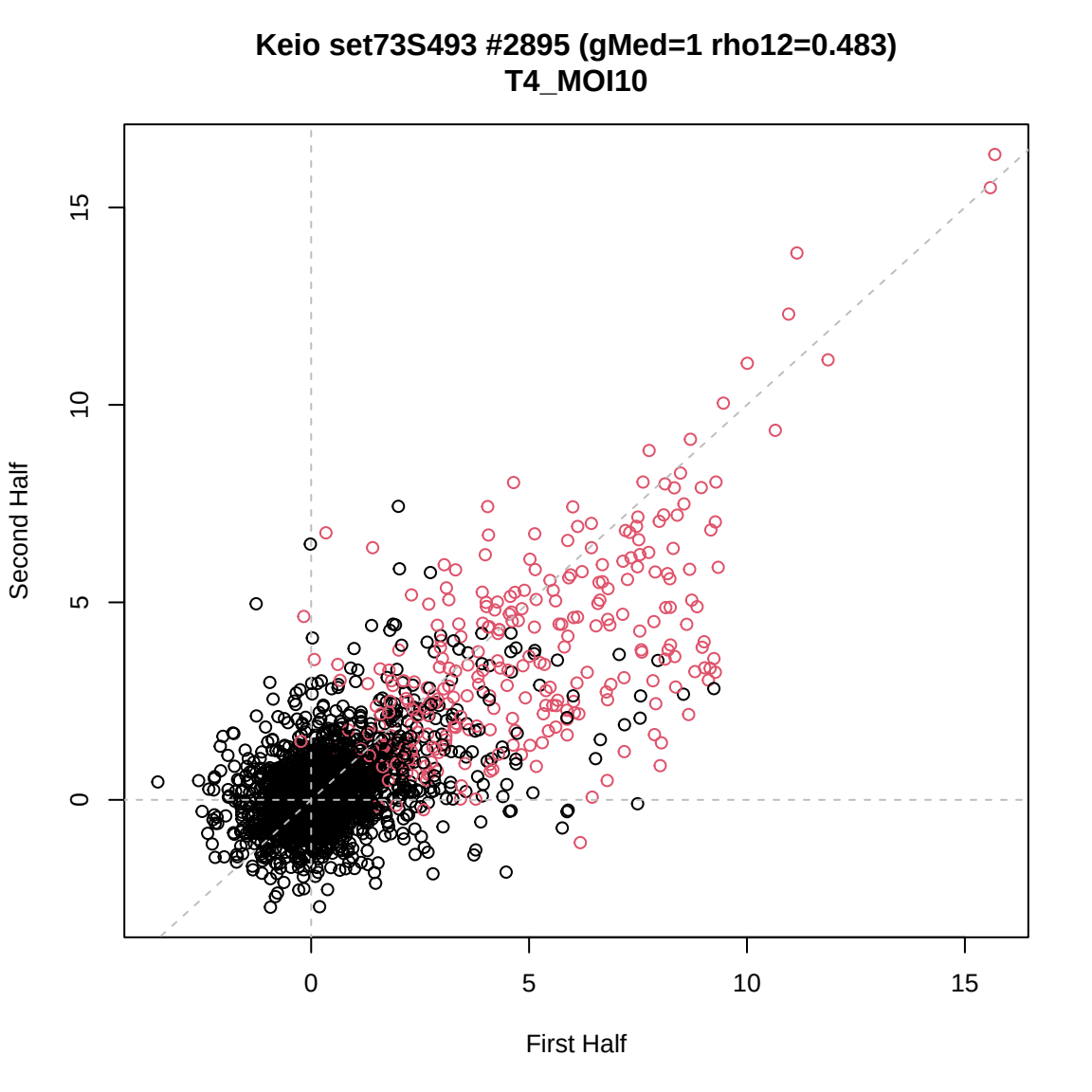

Keio set72S556 #2890 (gMed=456 rho12=0.032)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

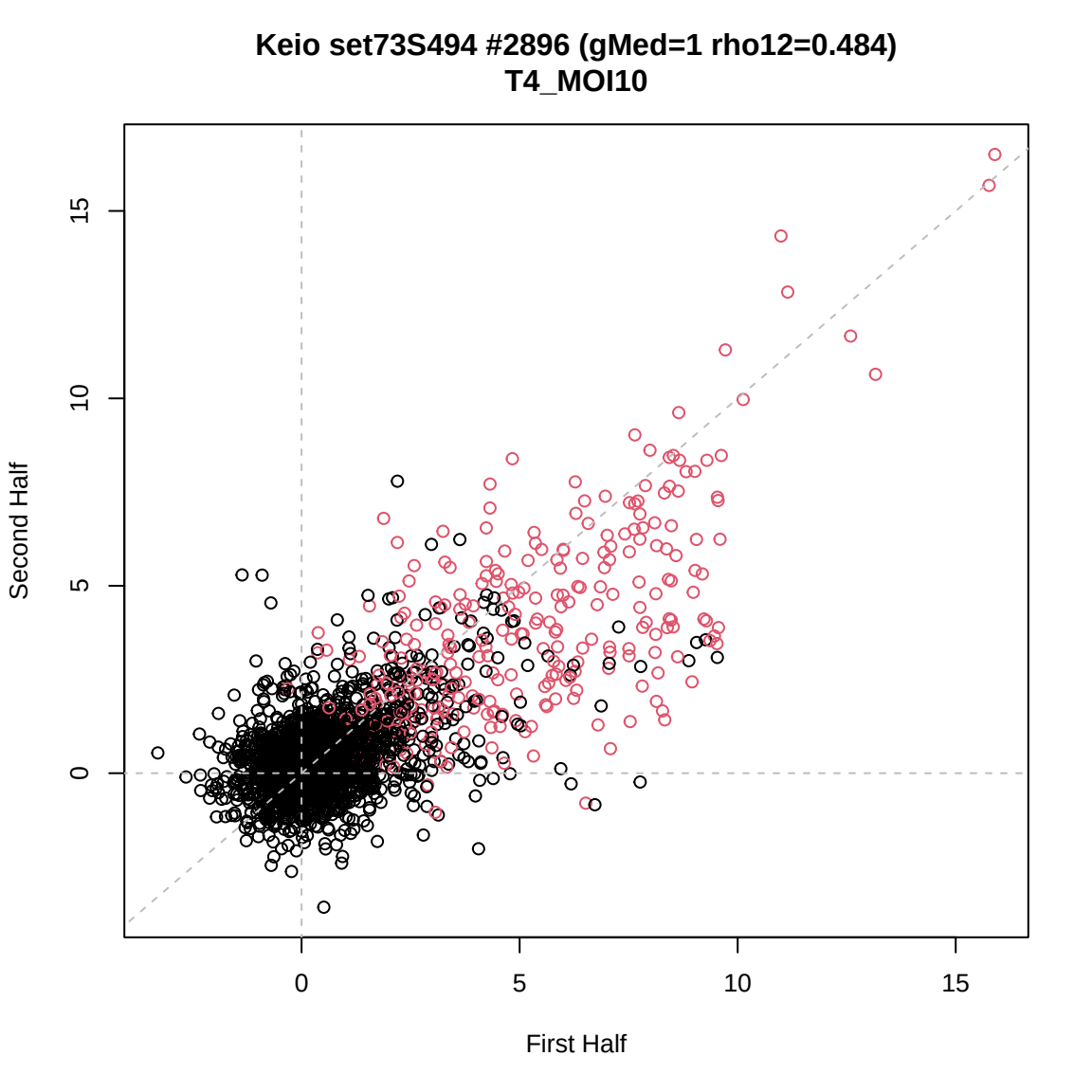

Keio set73S481 #2891 (gMed=1 rho12=0.470)
T4_MOI100
Second Half
First Half
0
5
10
15

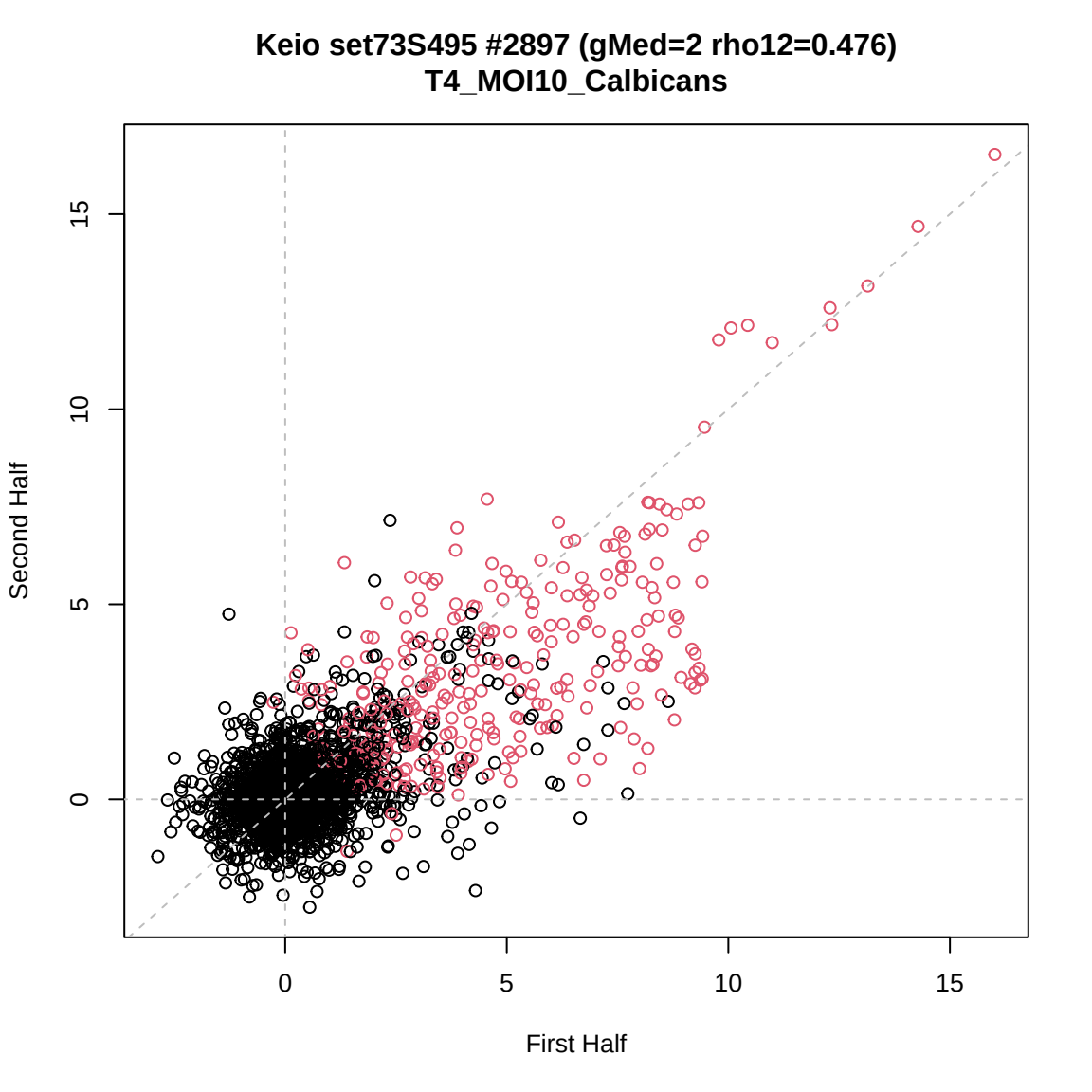

Keio set73S482 #2892 (gMed=0 rho12=0.482)
T4_MOI100
Second Half
First Half
0
5
10
15

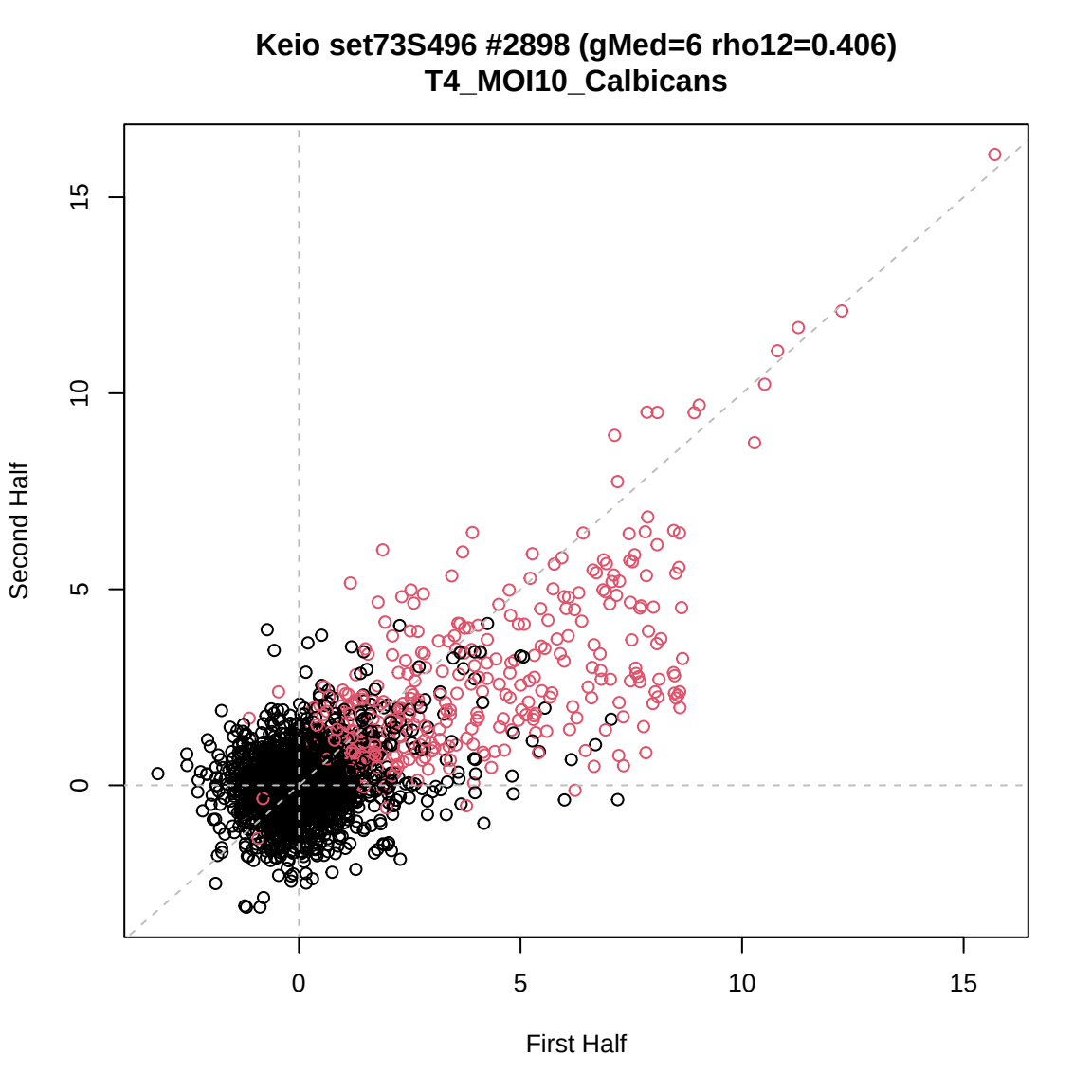

Keio set73S483 #2893 (gMed=1 rho12=0.476)
T4_MOI100_Calbicans
Second Half
First Half
0
5
10
15

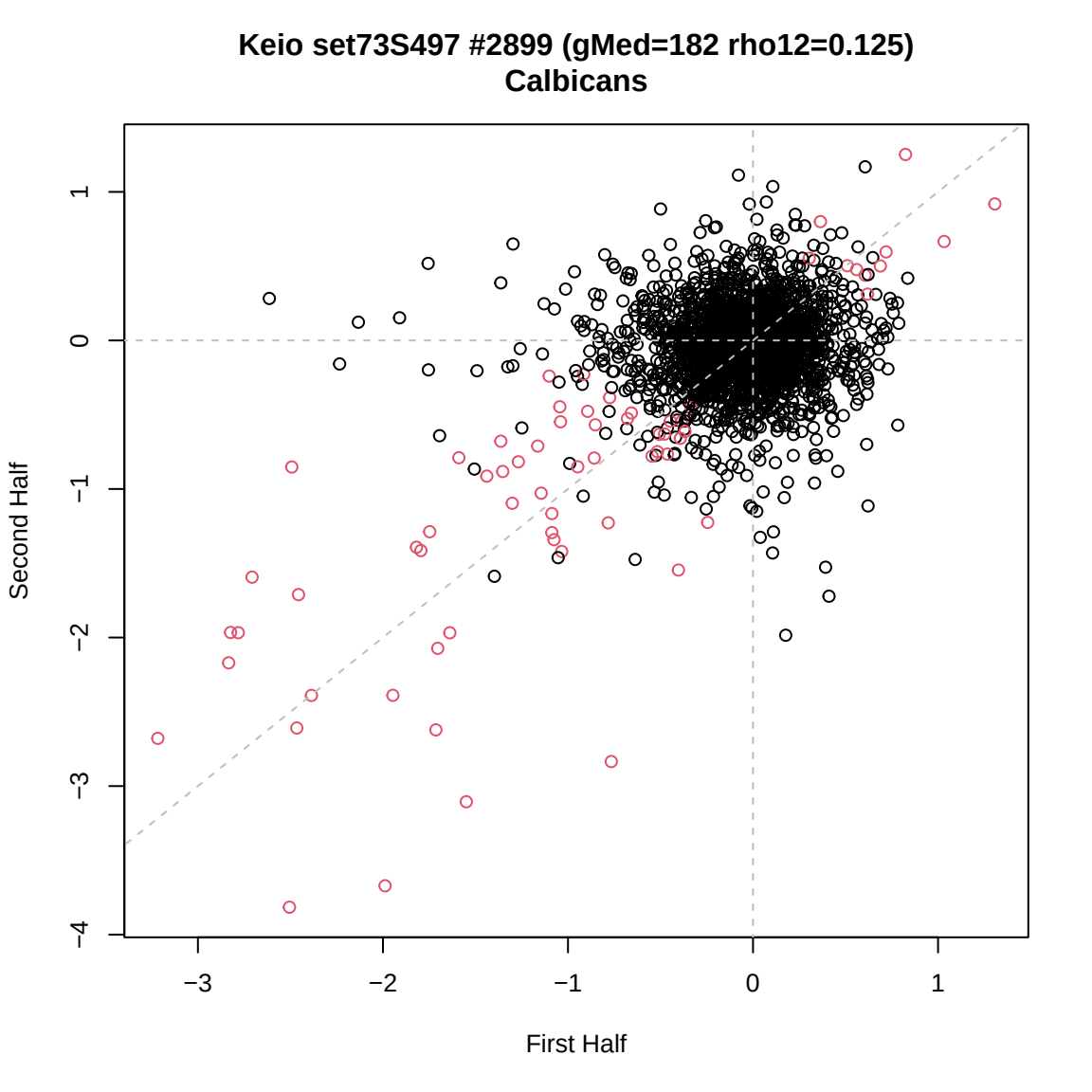

Keio set73S485 #2894 (gMed=180 rho12=0.110)
Calbicans
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

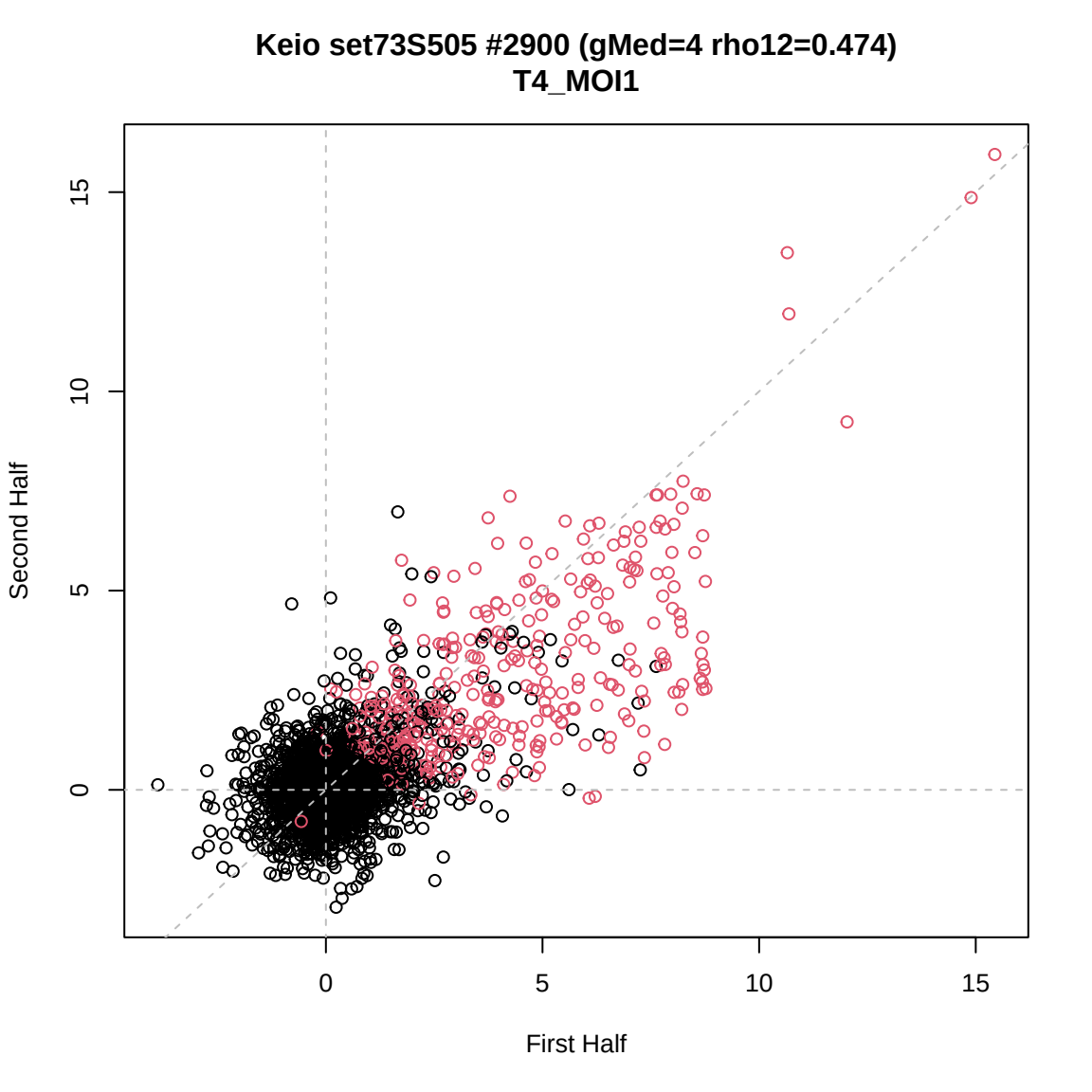

Keio set73S493 #2895 (gMed=1 rho12=0.483)
T4_MOI10
Second Half
First Half
0
5
10
15

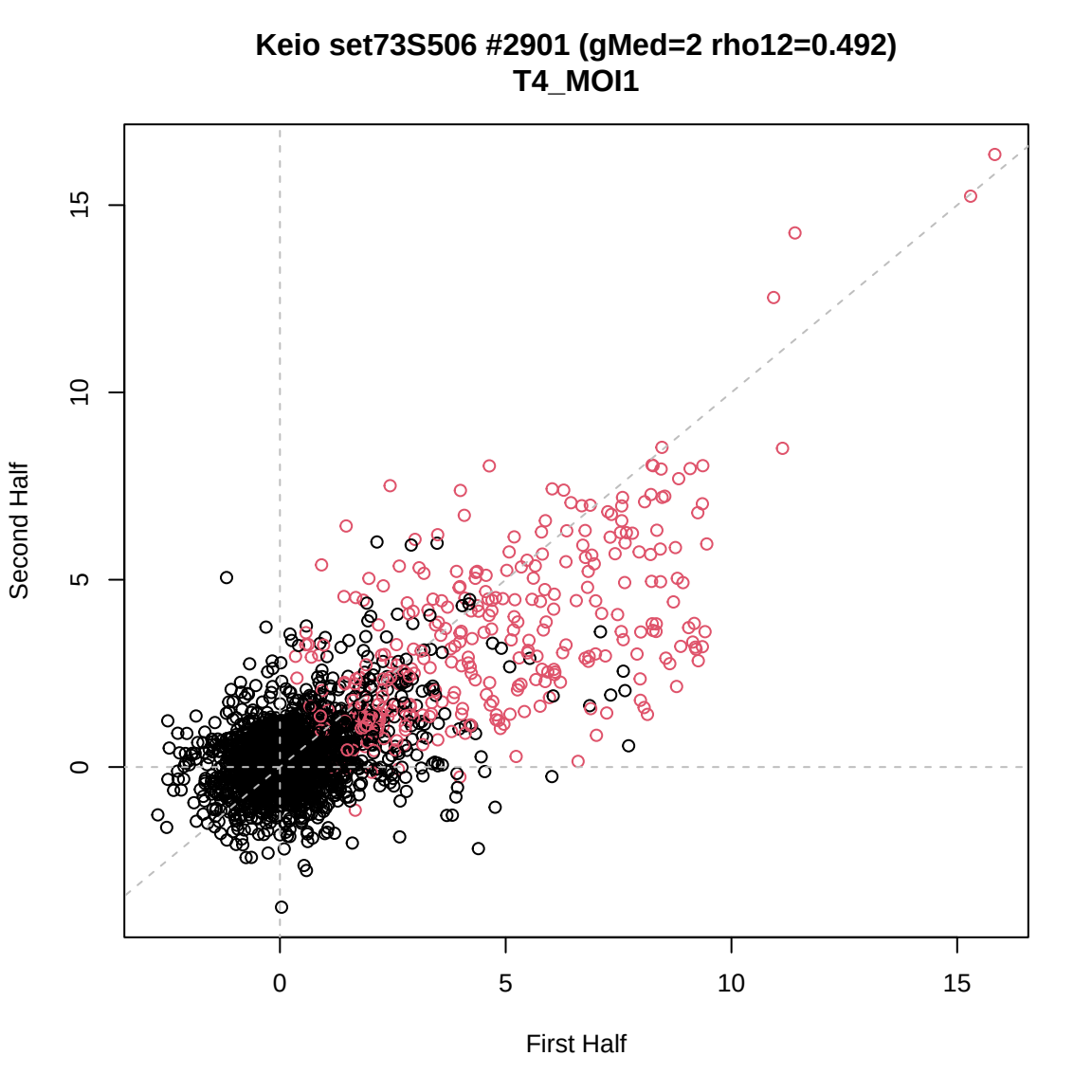

Keio set73S494 #2896 (gMed=1 rho12=0.484)
T4_MOI10
Second Half
First Half
0
5
10
15

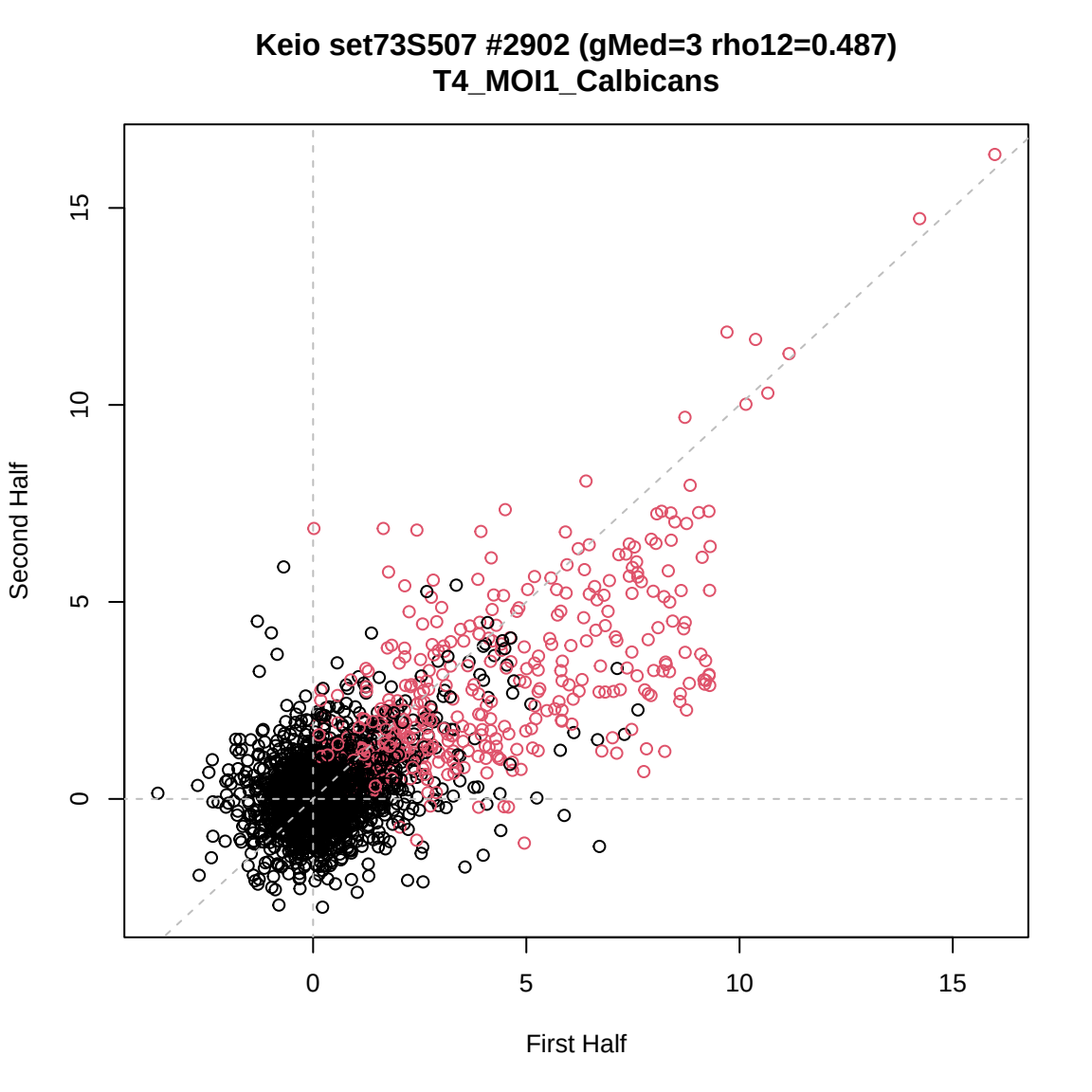

Keio set73S495 #2897 (gMed=2 rho12=0.476)
T4_MOI10_Calbicans
Second Half
First Half
0
5
10
15

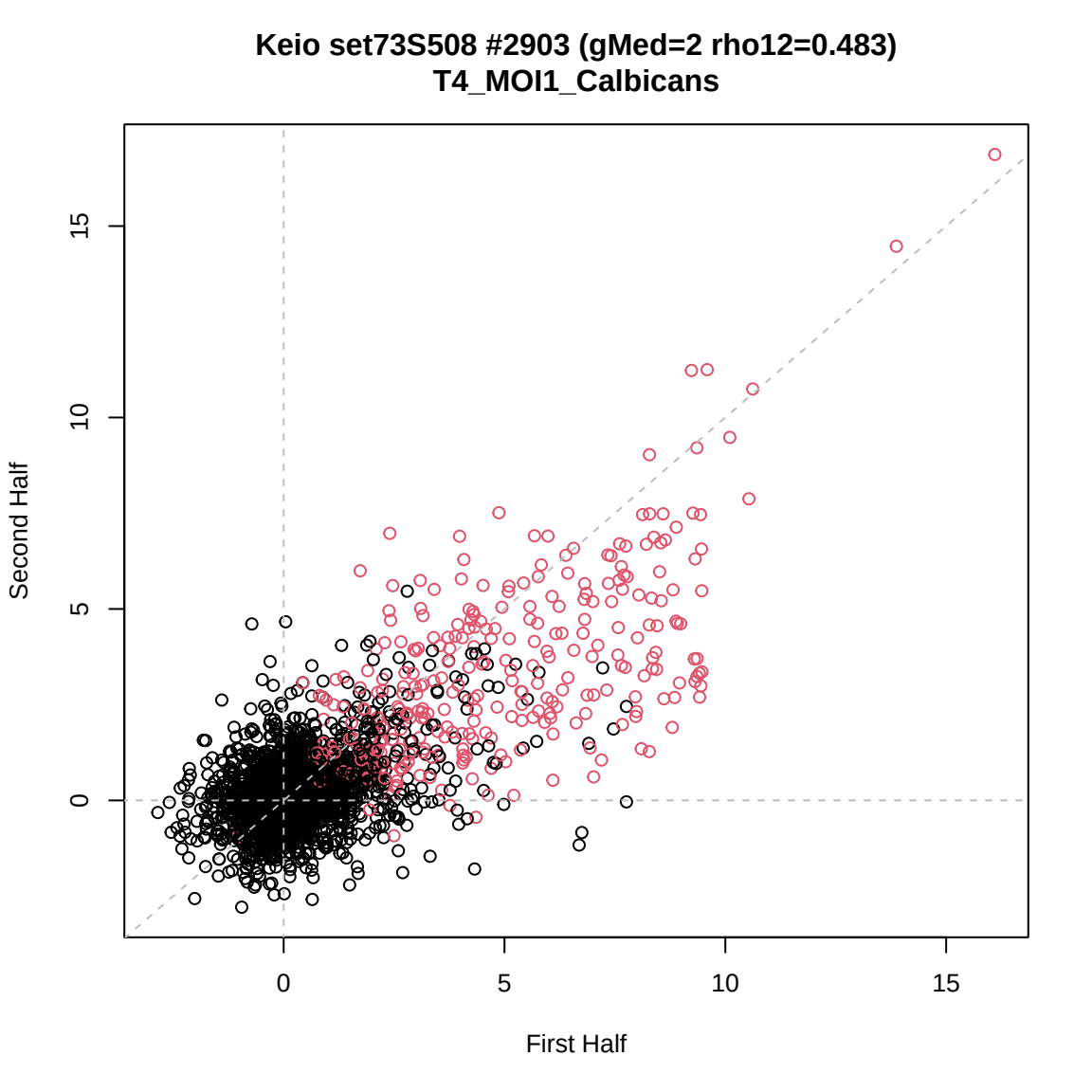

Keio set73S496 #2898 (gMed=6 rho12=0.406)
T4_MOI10_Calbicans
Second Half
First Half
0
5
10
15

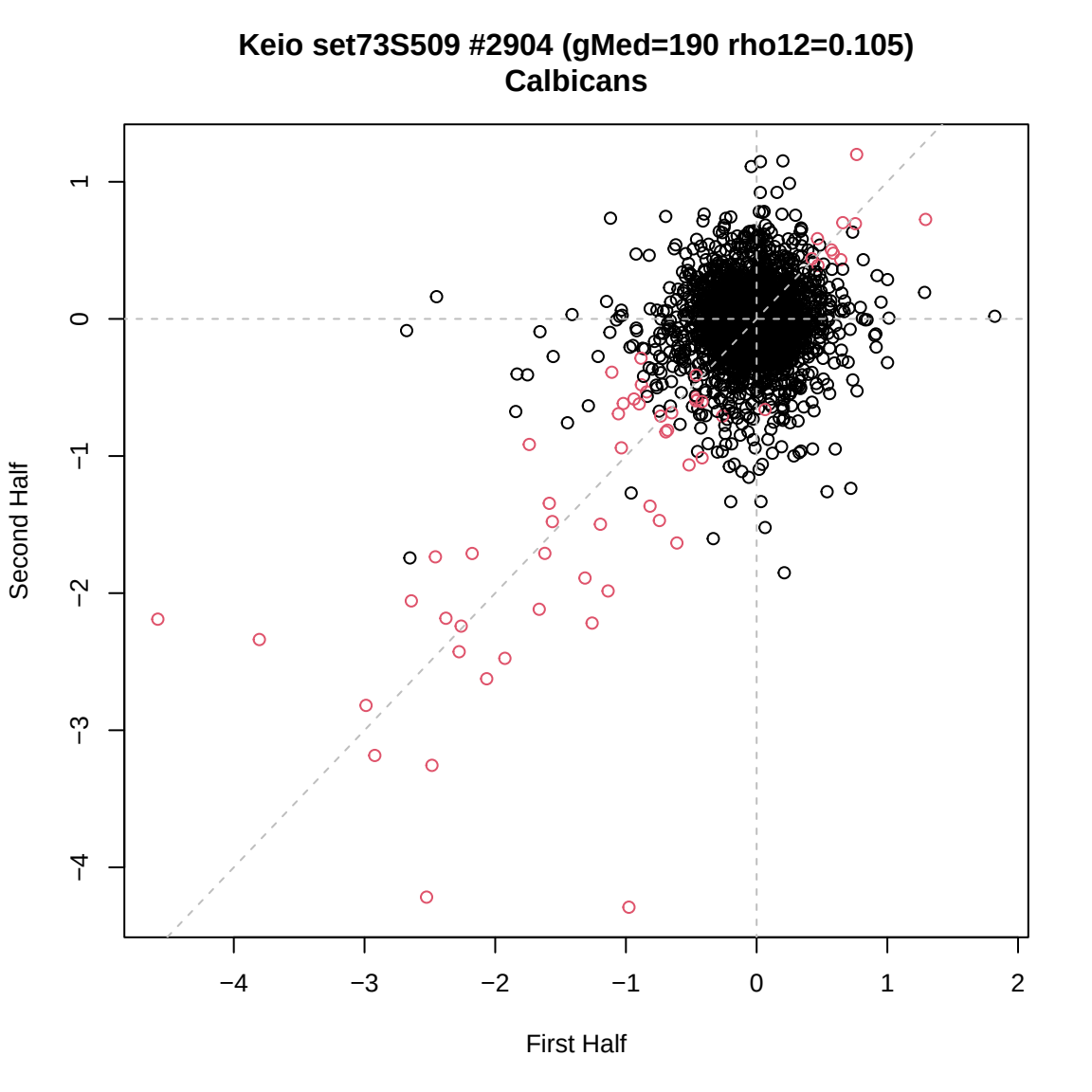

Keio set73S497 #2899 (gMed=182 rho12=0.125)
Calbicans
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

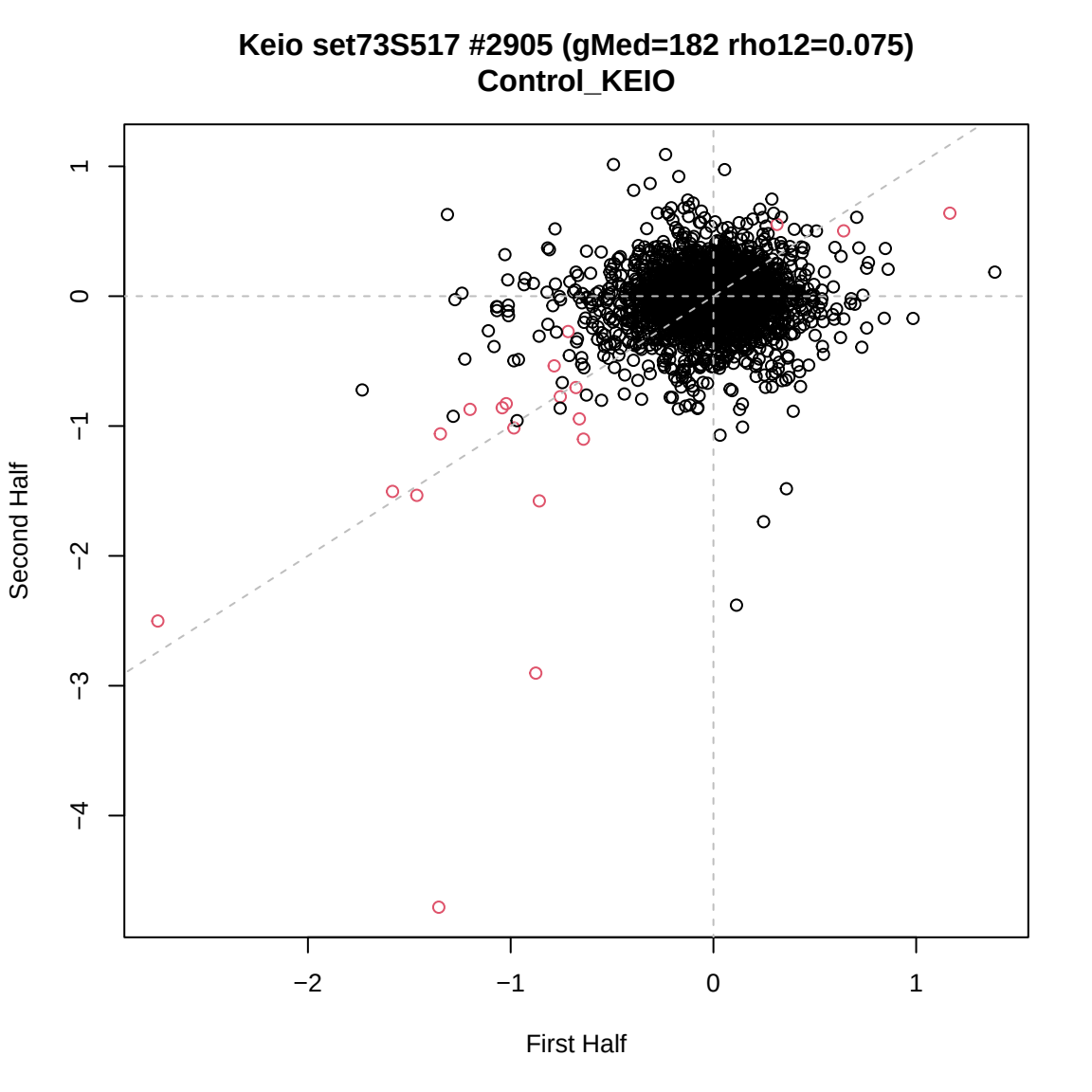

Keio set73S505 #2900 (gMed=4 rho12=0.474)
T4_MOI1
Second Half
First Half
0
5
10
15

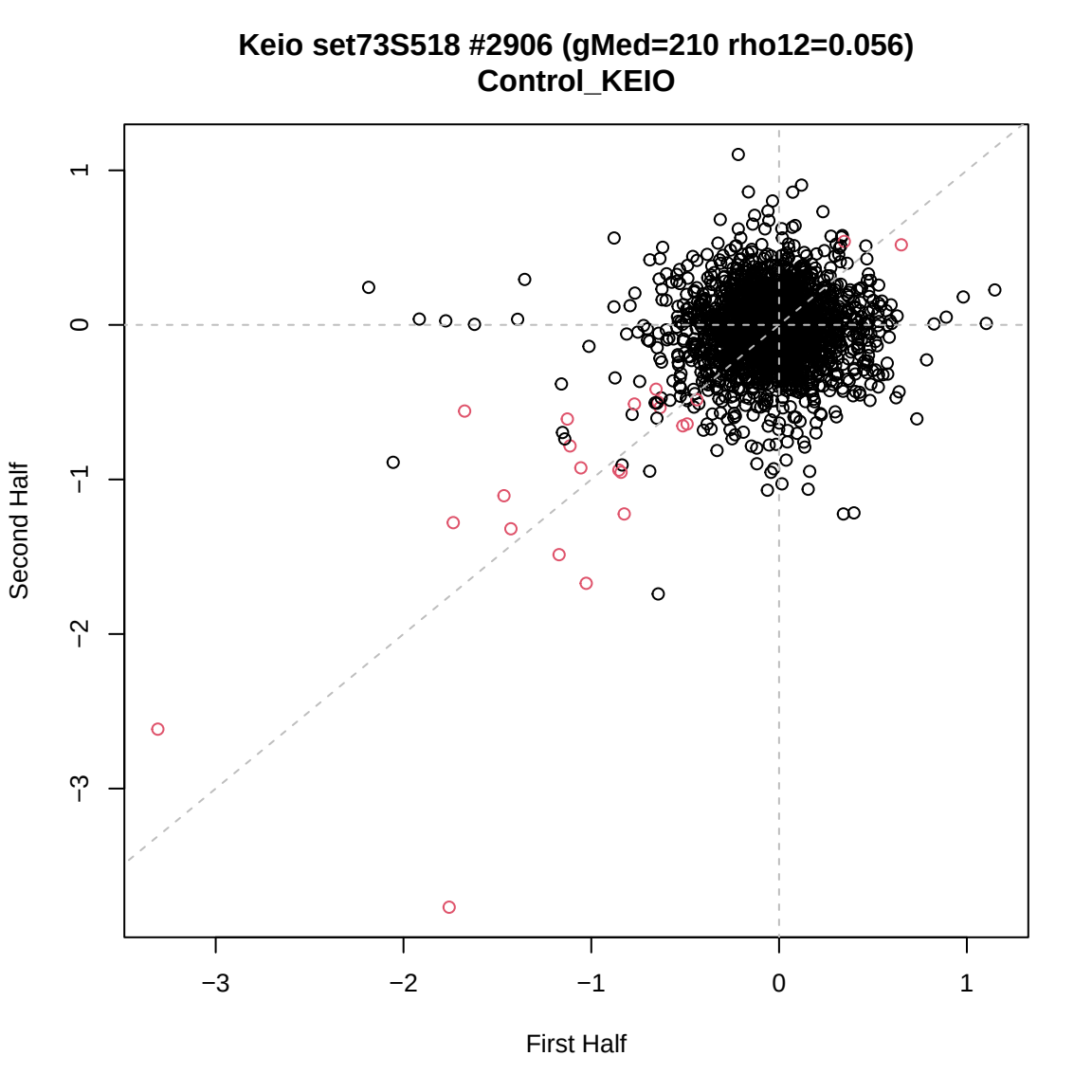

Keio set73S506 #2901 (gMed=2 rho12=0.492)
T4_MOI1
Second Half
First Half
0
5
10
15

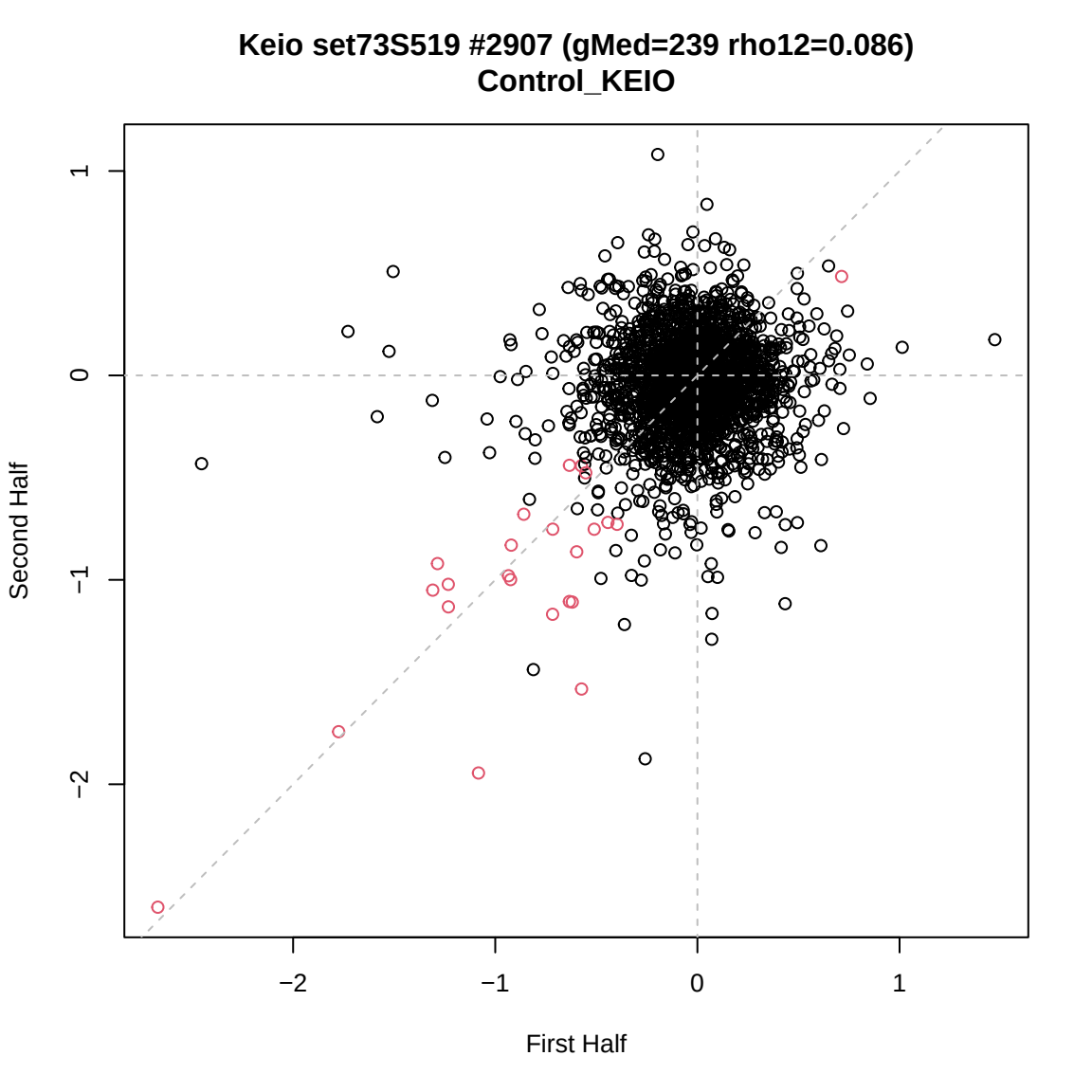

Keio set73S507 #2902 (gMed=3 rho12=0.487)
T4_MOI1_Calbicans
Second Half
First Half
0
5
10
15

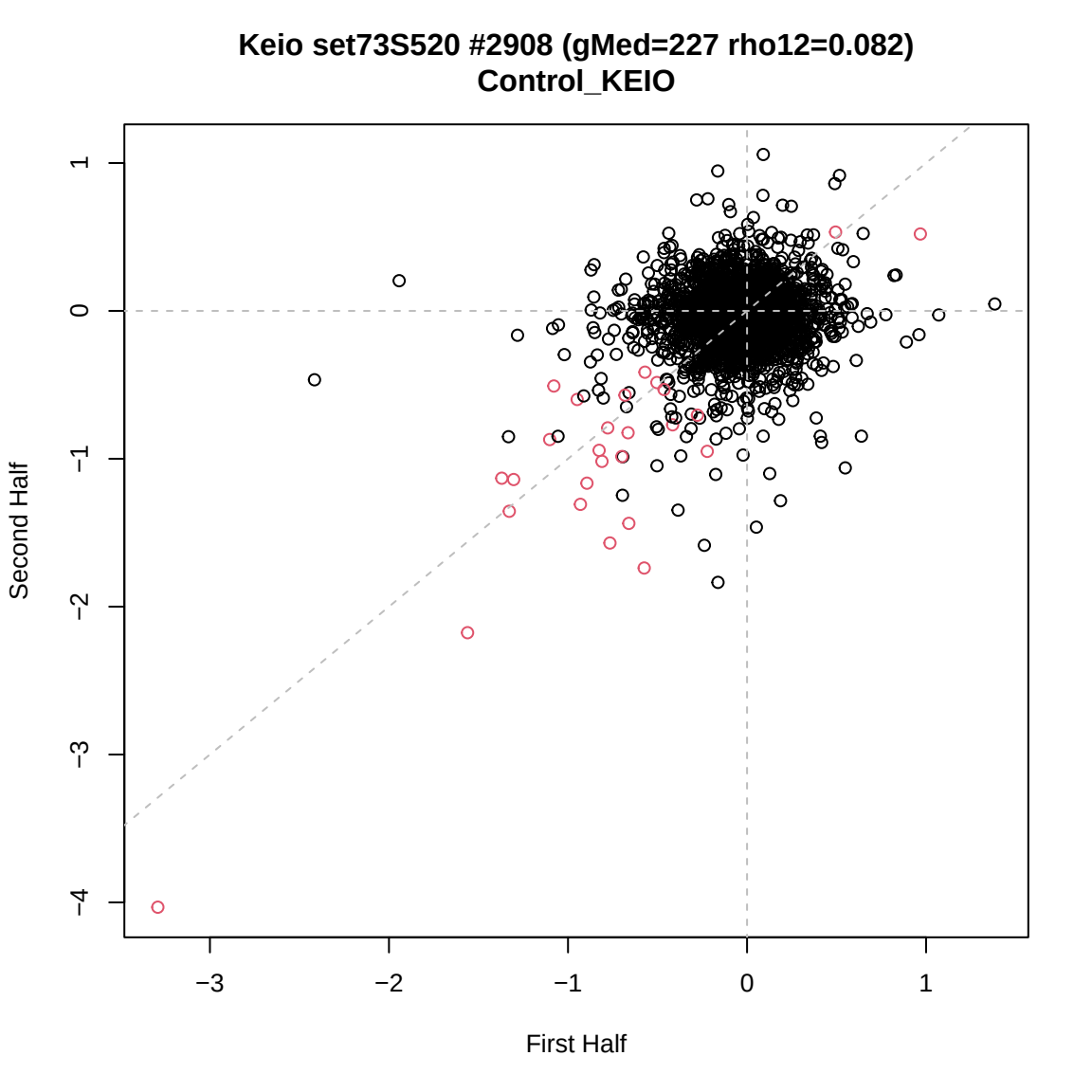

Keio set73S508 #2903 (gMed=2 rho12=0.483)
T4_MOI1_Calbicans
Second Half
First Half
0
5
10
15

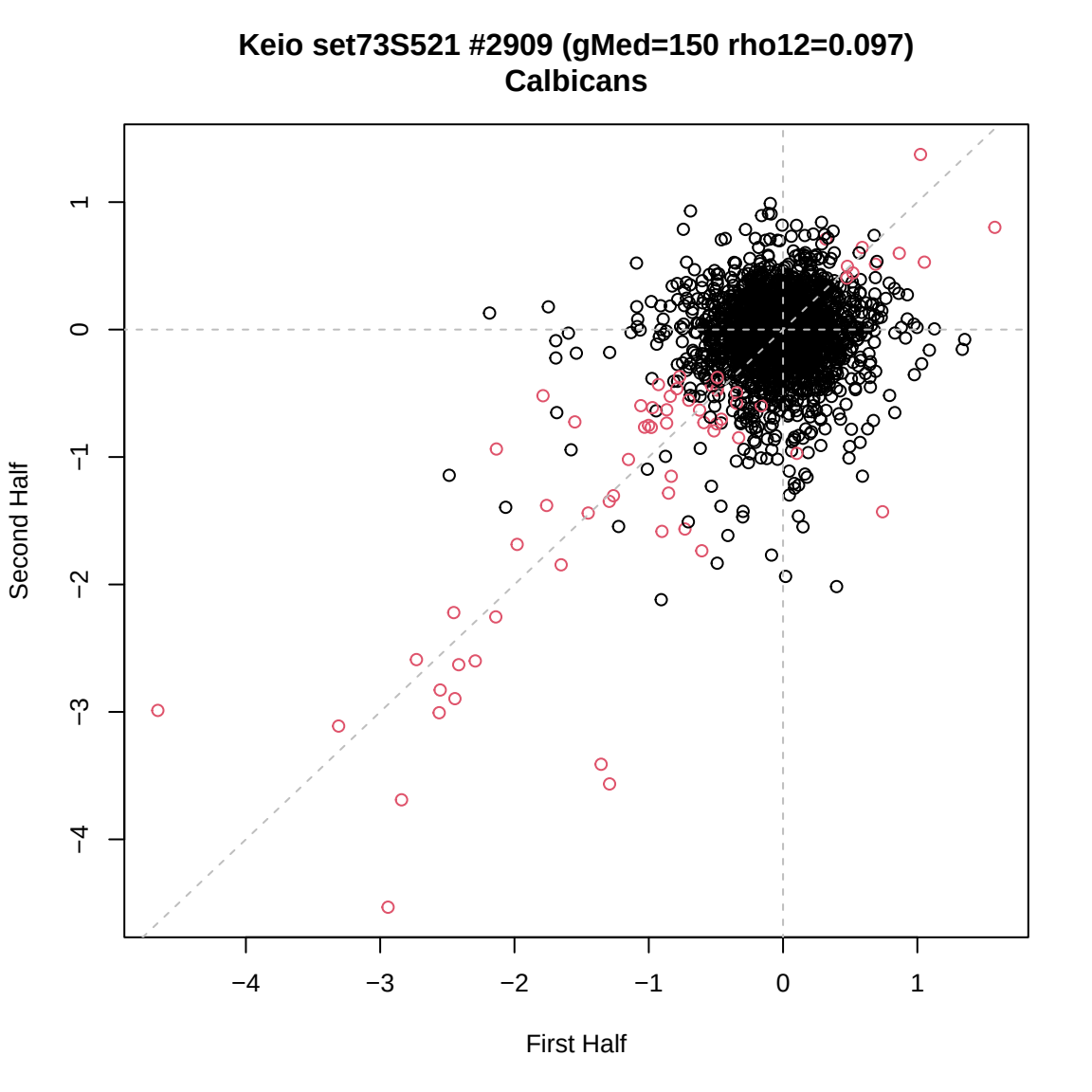

Keio set73S509 #2904 (gMed=190 rho12=0.105)
Calbicans
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

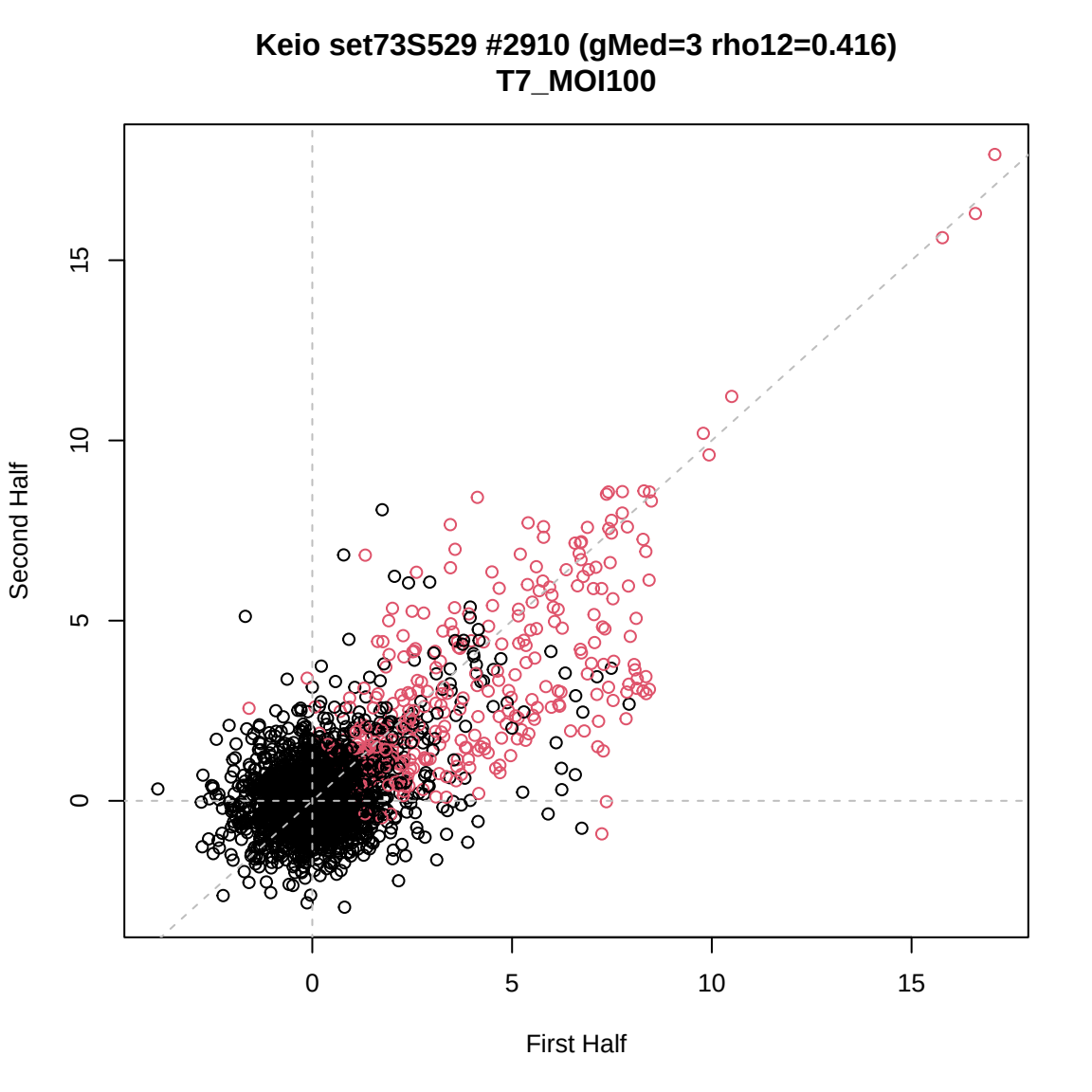

Keio set73S517 #2905 (gMed=182 rho12=0.075)
Control_KEIO
Second Half
First Half
1
0
−1
−2
−3
−4
−2
−1
0
1

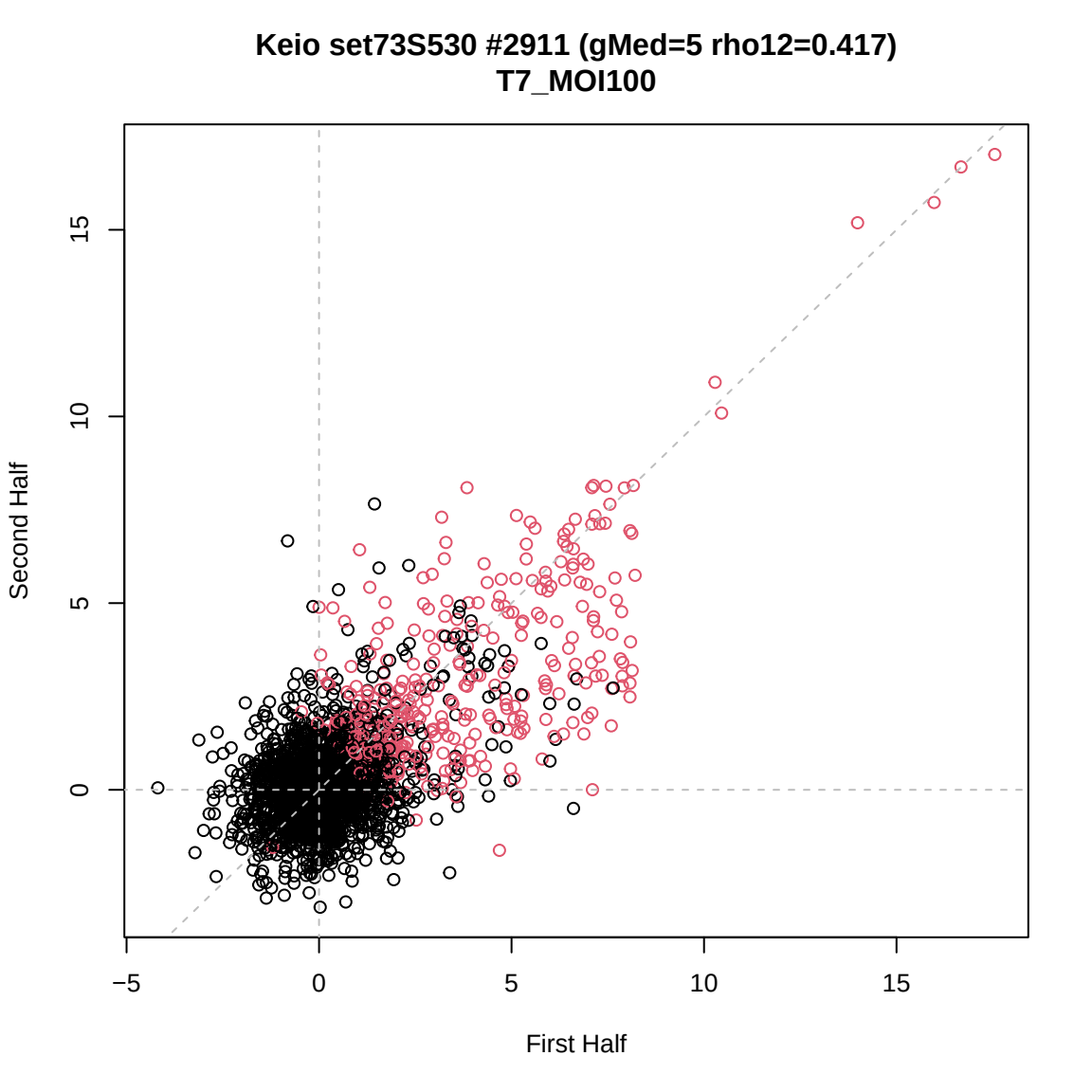

Keio set73S518 #2906 (gMed=210 rho12=0.056)
Control_KEIO
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

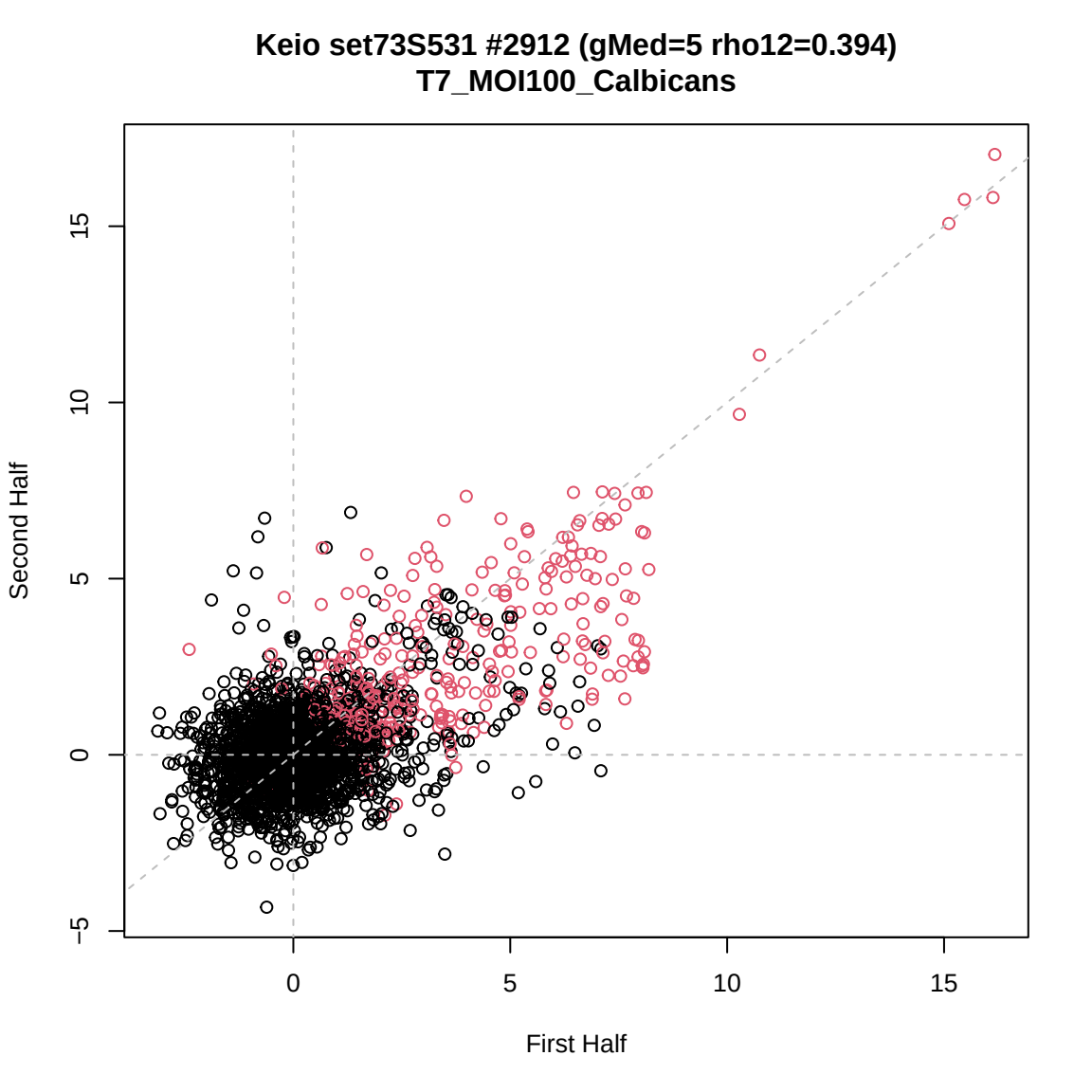

Keio set73S519 #2907 (gMed=239 rho12=0.086)
Control_KEIO
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

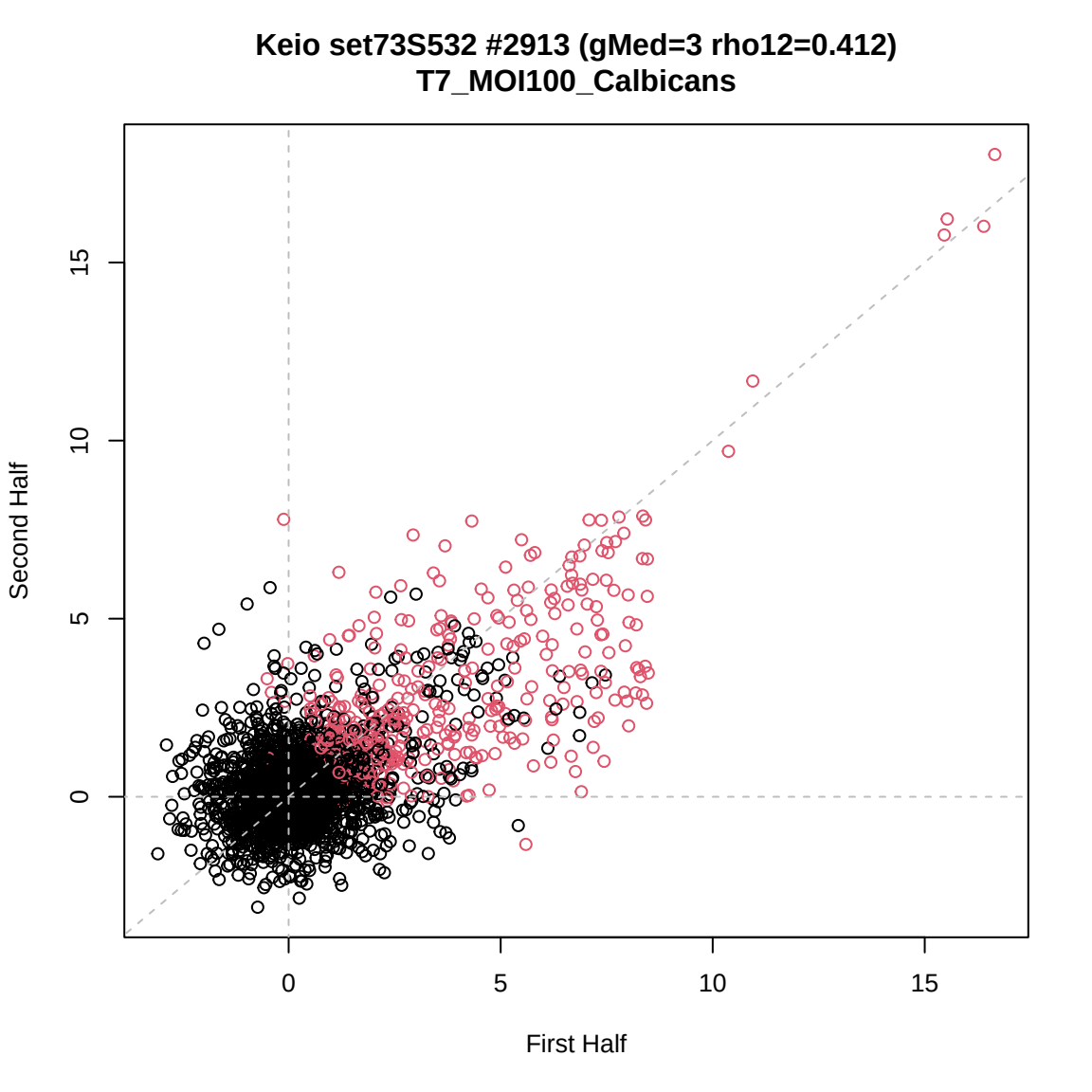

Keio set73S520 #2908 (gMed=227 rho12=0.082)
Control_KEIO
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

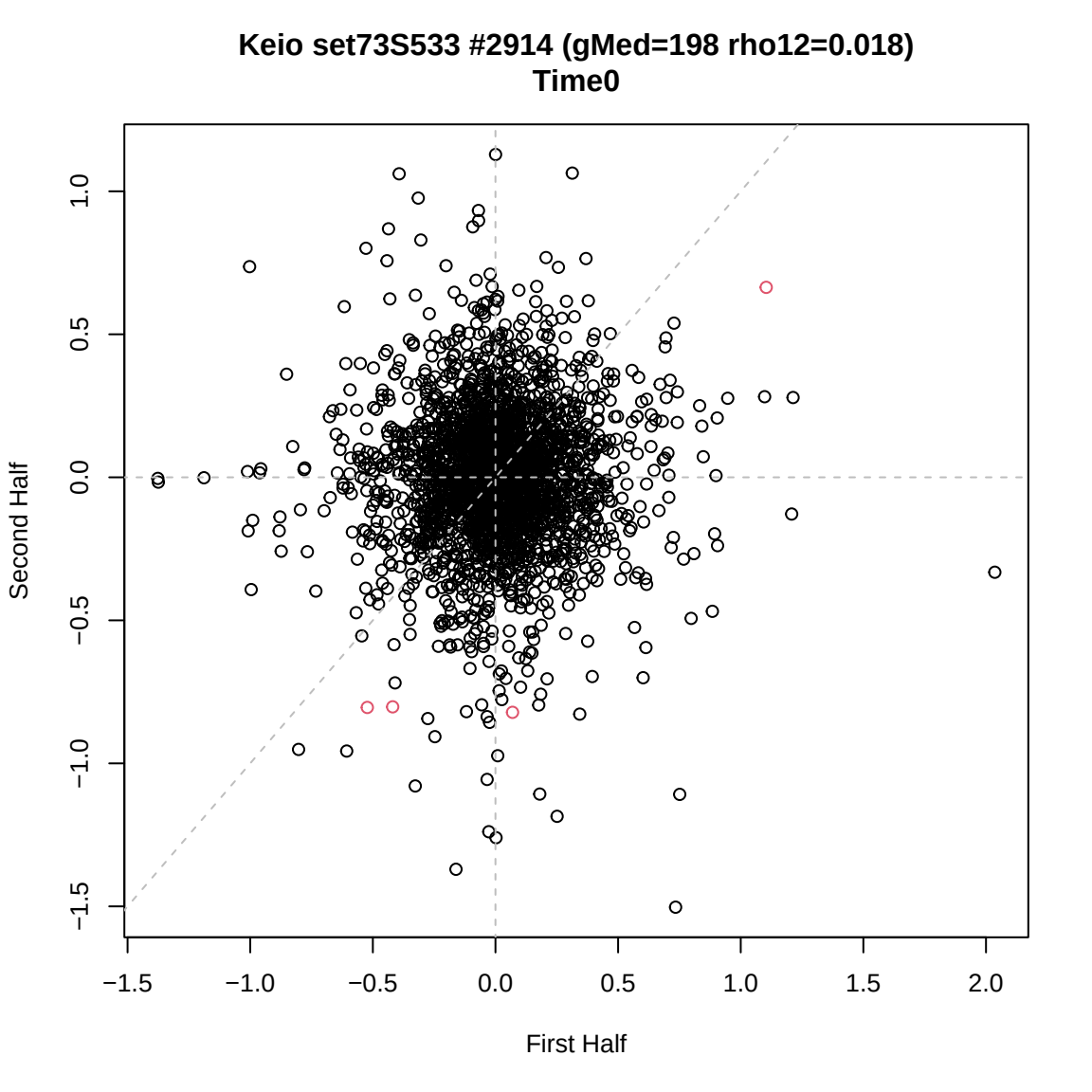

Keio set73S521 #2909 (gMed=150 rho12=0.097)
Calbicans
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

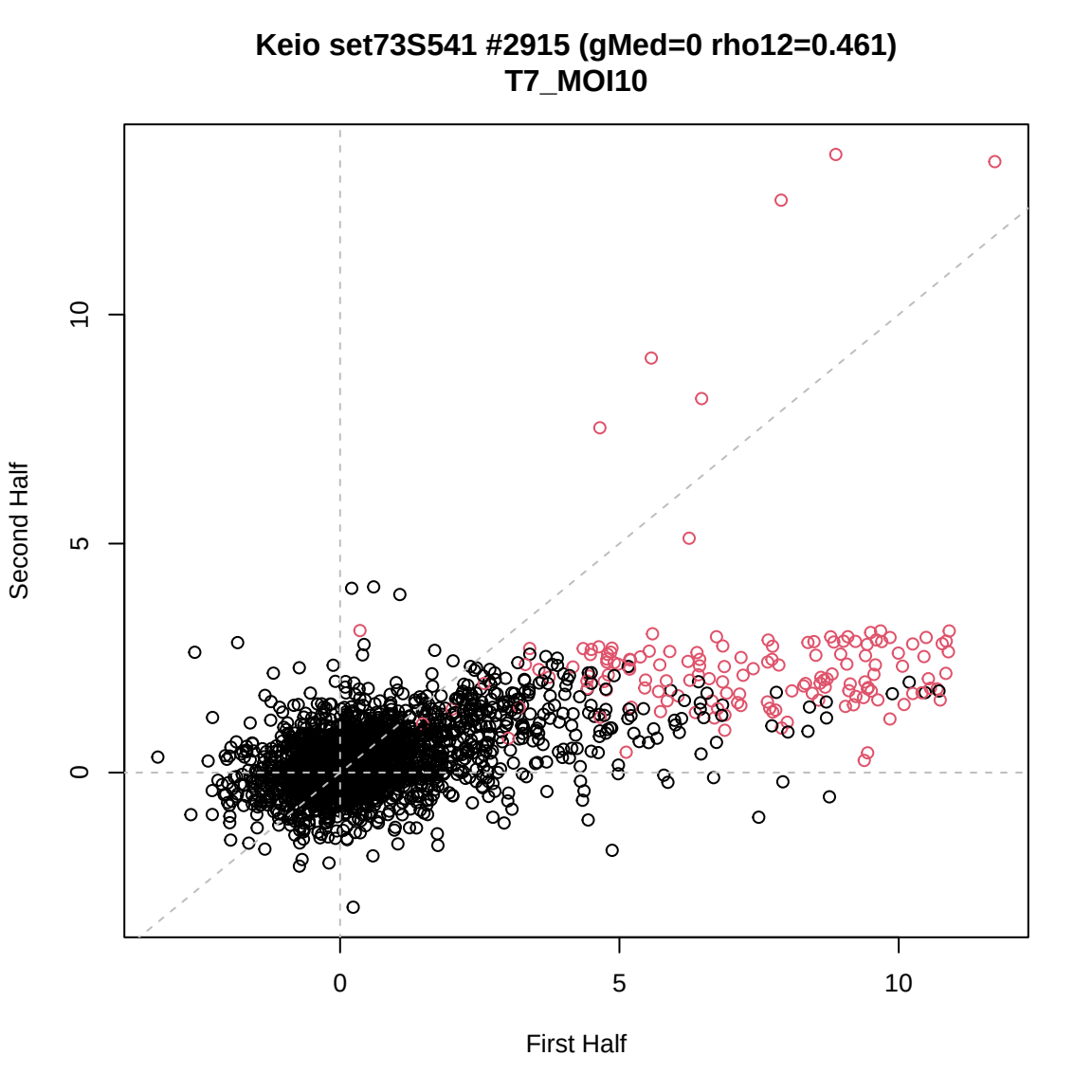

Keio set73S529 #2910 (gMed=3 rho12=0.416)
T7_MOI100
Second Half
First Half
0
5
10
15

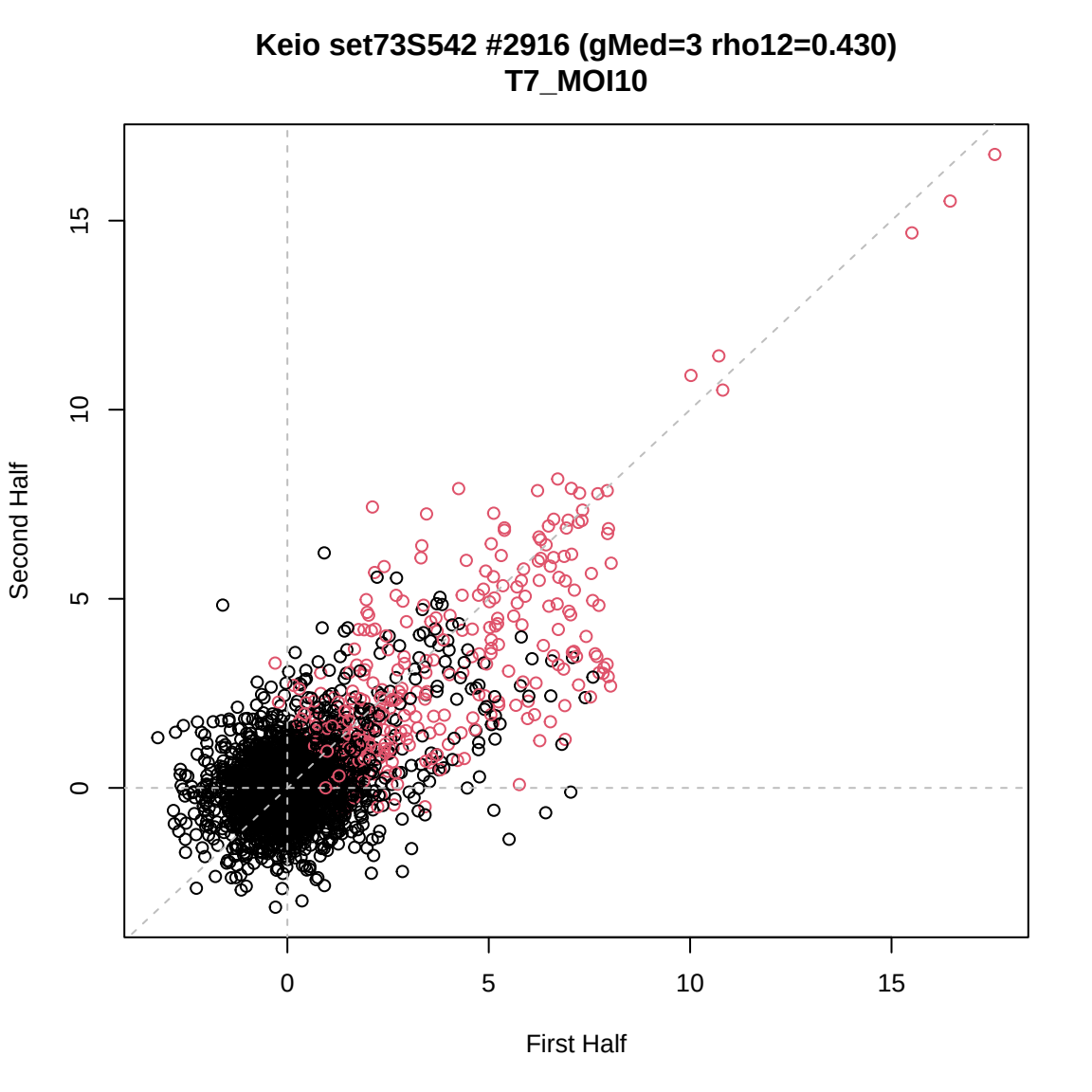

Keio set73S530 #2911 (gMed=5 rho12=0.417)
T7_MOI100
Second Half
First Half
−5
0
5
10
15

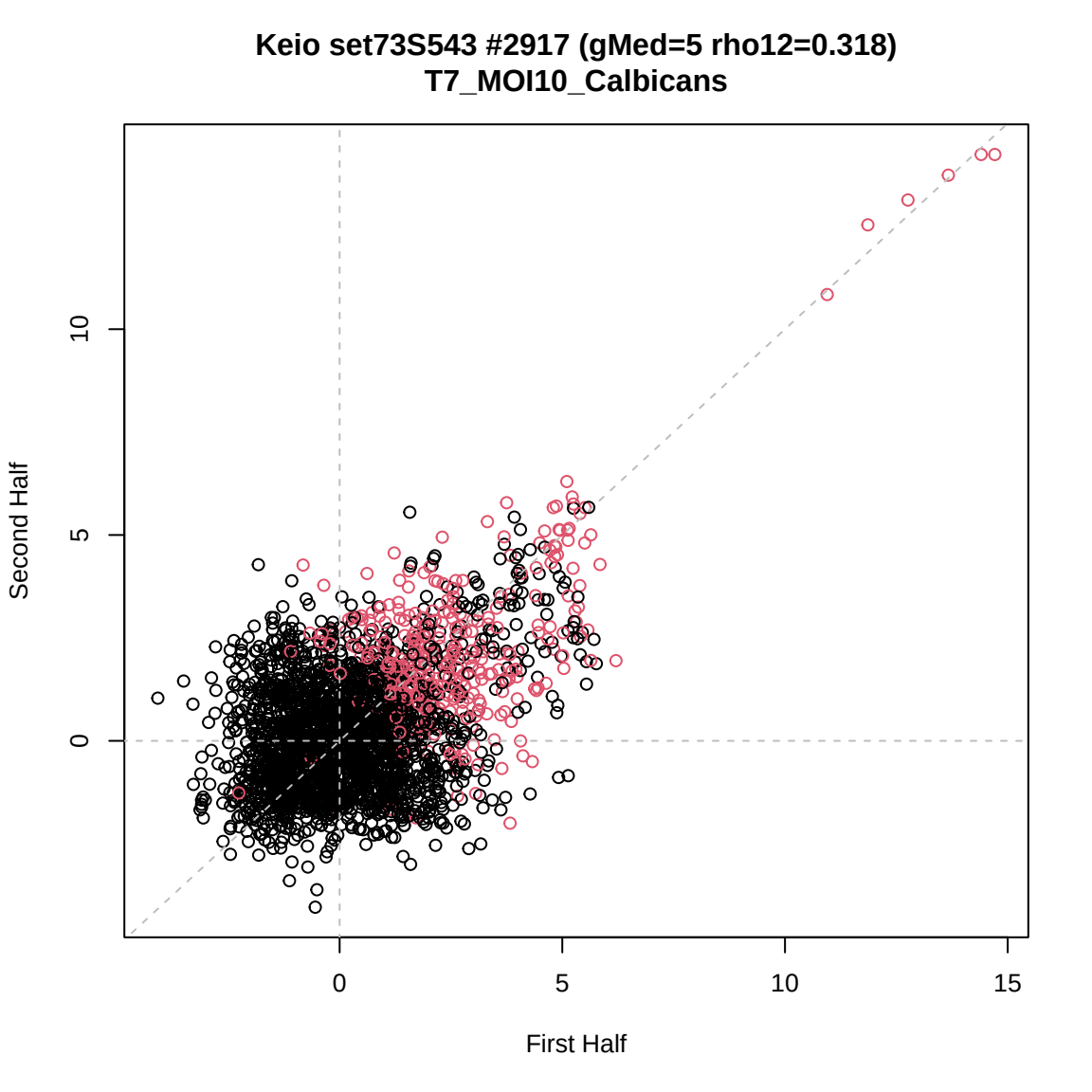

Keio set73S531 #2912 (gMed=5 rho12=0.394)
T7_MOI100_Calbicans
Second Half
First Half
15
10
5
0
−5
0
5
10
15

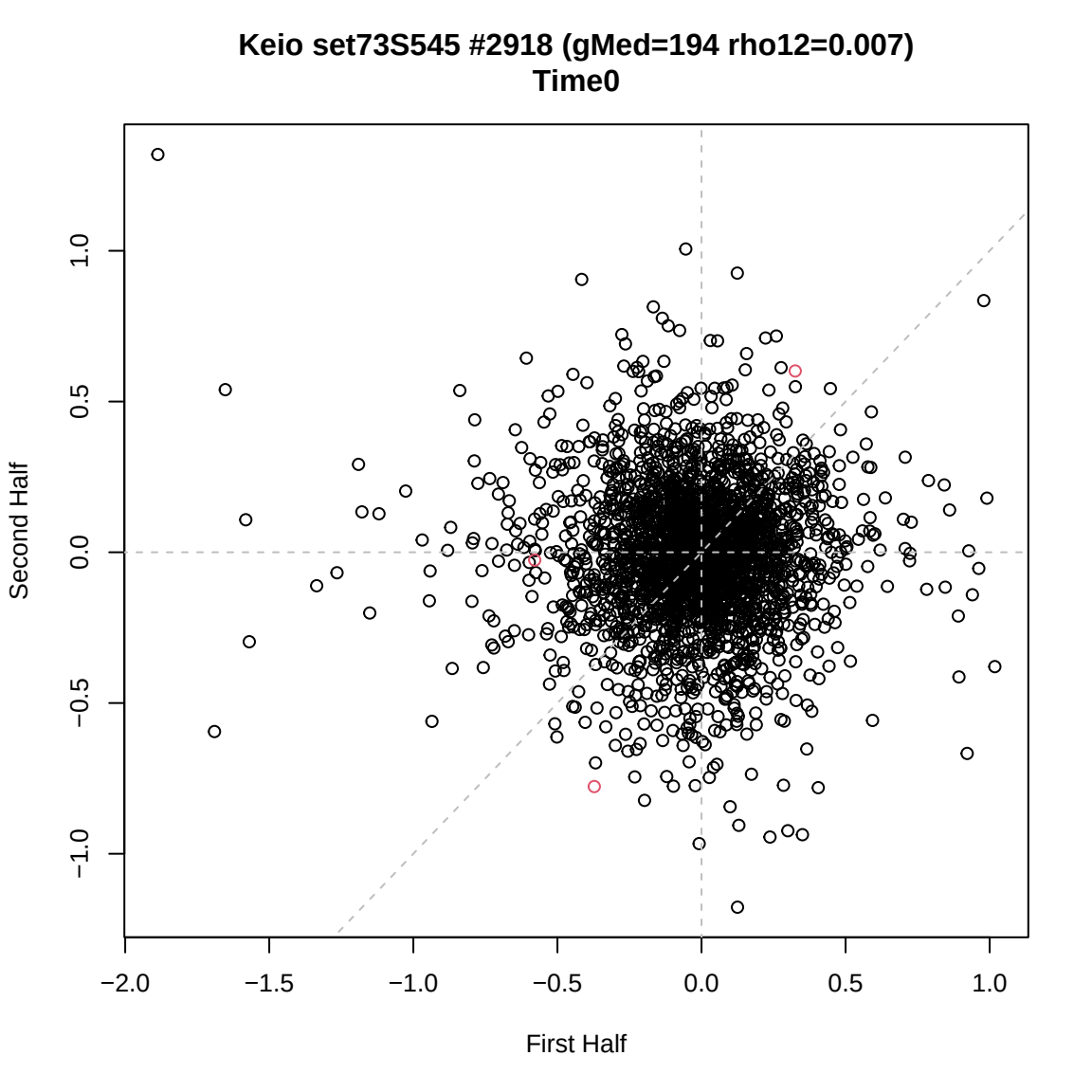

Keio set73S532 #2913 (gMed=3 rho12=0.412)
T7_MOI100_Calbicans
Second Half
First Half
0
5
10
15

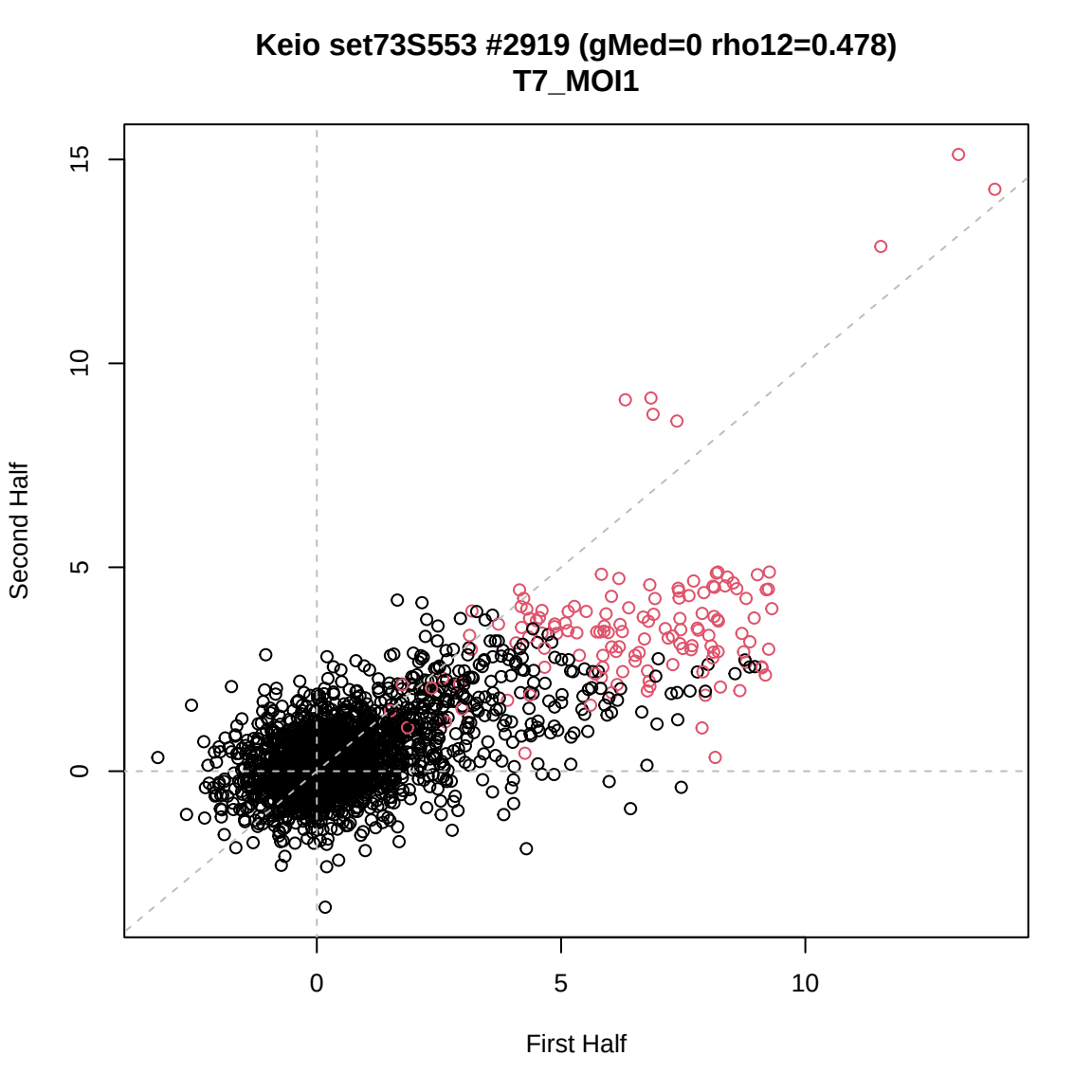

Keio set73S533 #2914 (gMed=198 rho12=0.018)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

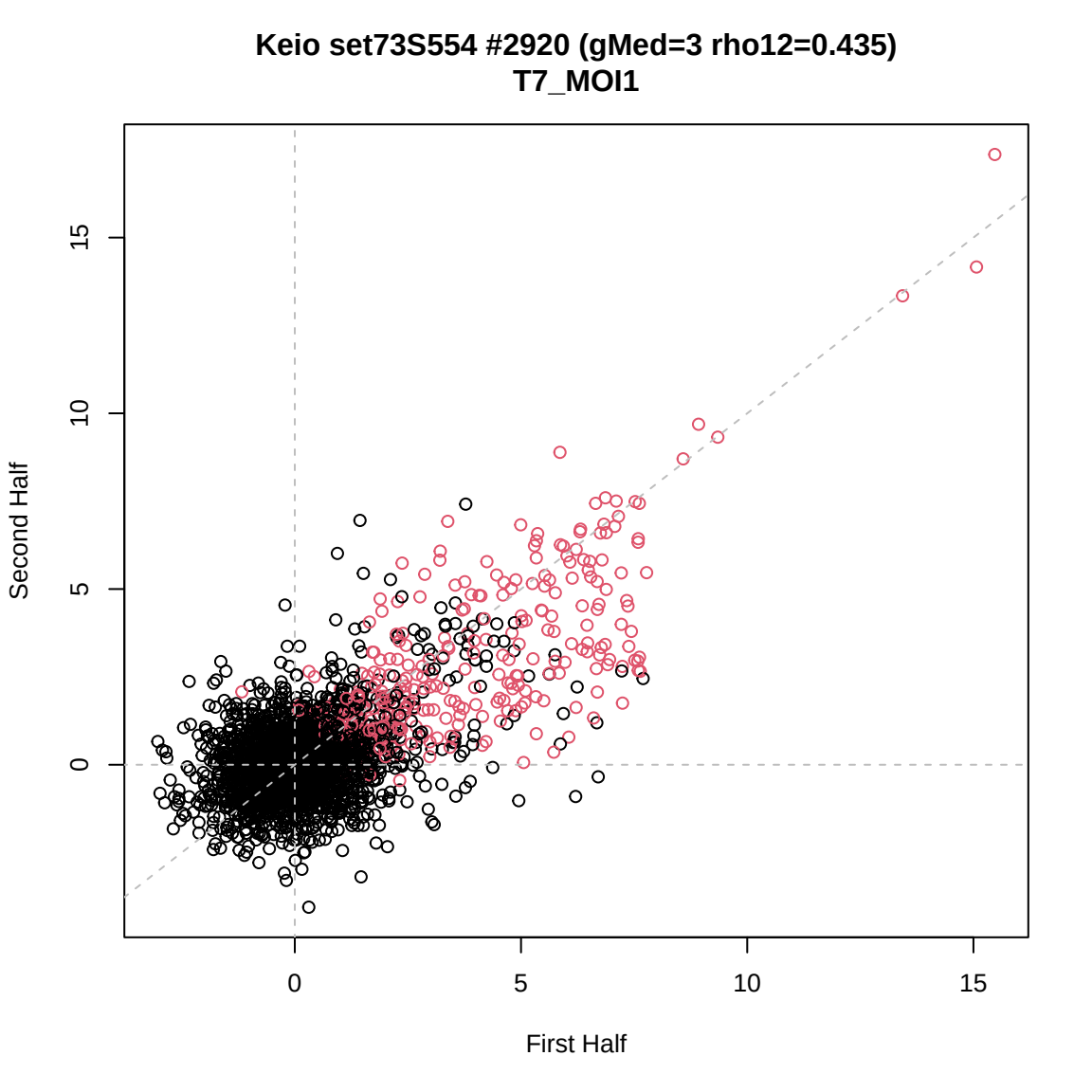

Keio set73S541 #2915 (gMed=0 rho12=0.461)
T7_MOI10
Second Half
First Half
0
5
10
0
5
10

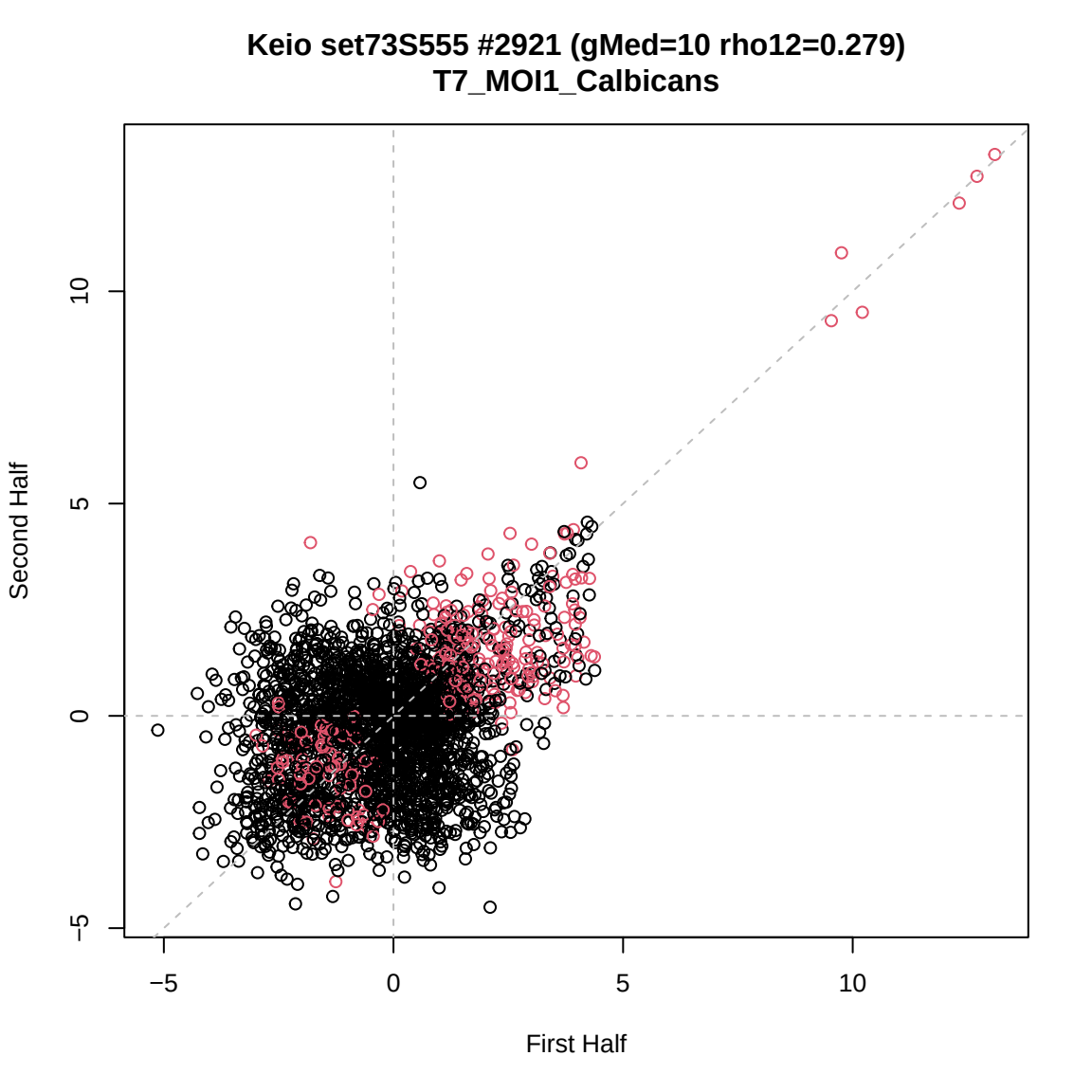

Keio set73S542 #2916 (gMed=3 rho12=0.430)
T7_MOI10
Second Half
First Half
0
5
10
15
0
5
10
15

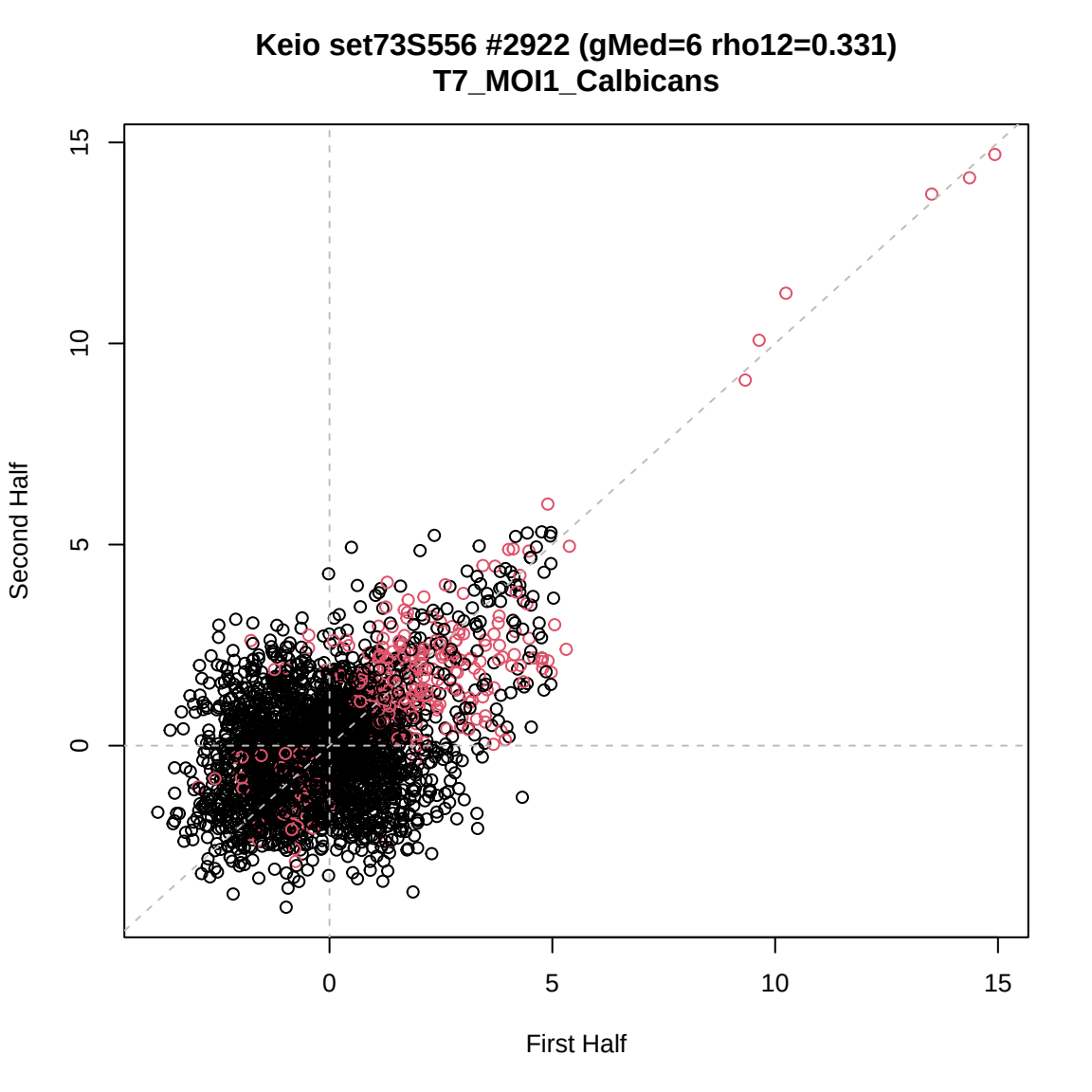

Keio set73S543 #2917 (gMed=5 rho12=0.318)
T7_MOI10_Calbicans
Second Half
First Half
0
5
10
0
5
10
15

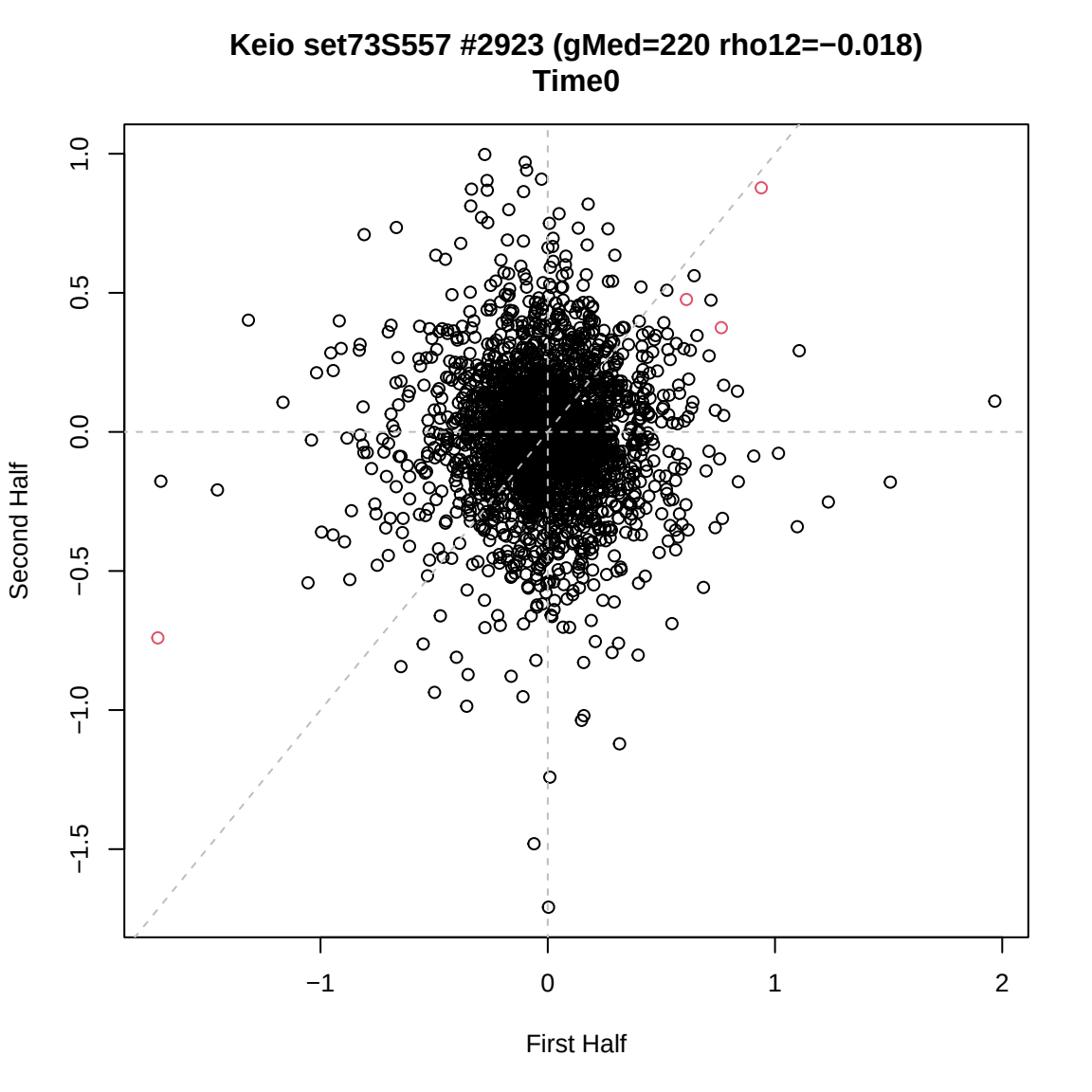

Keio set73S545 #2918 (gMed=194 rho12=0.007)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

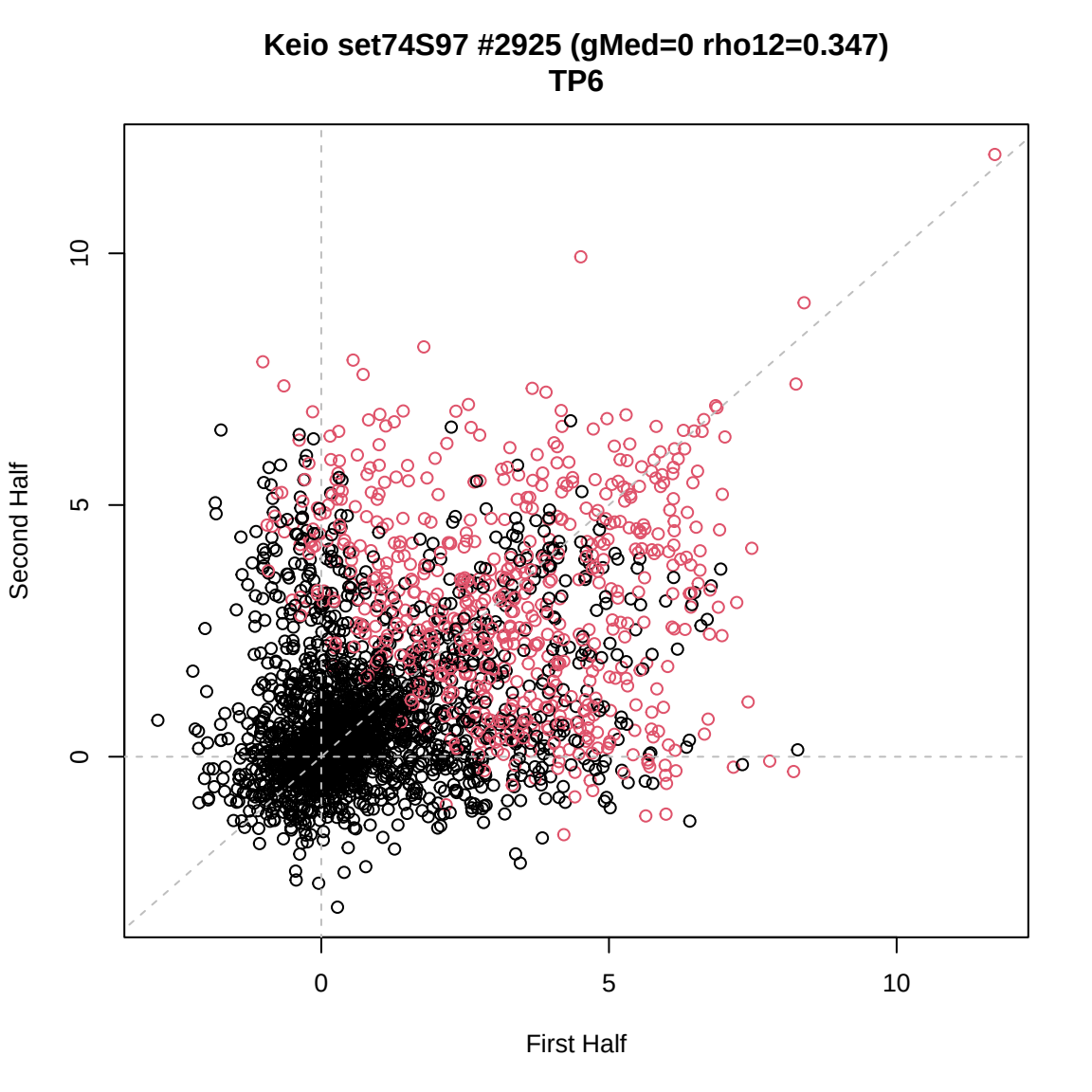

Keio set73S553 #2919 (gMed=0 rho12=0.478)
T7_MOI1
Second Half
First Half
0
5
10
15
0
5
10

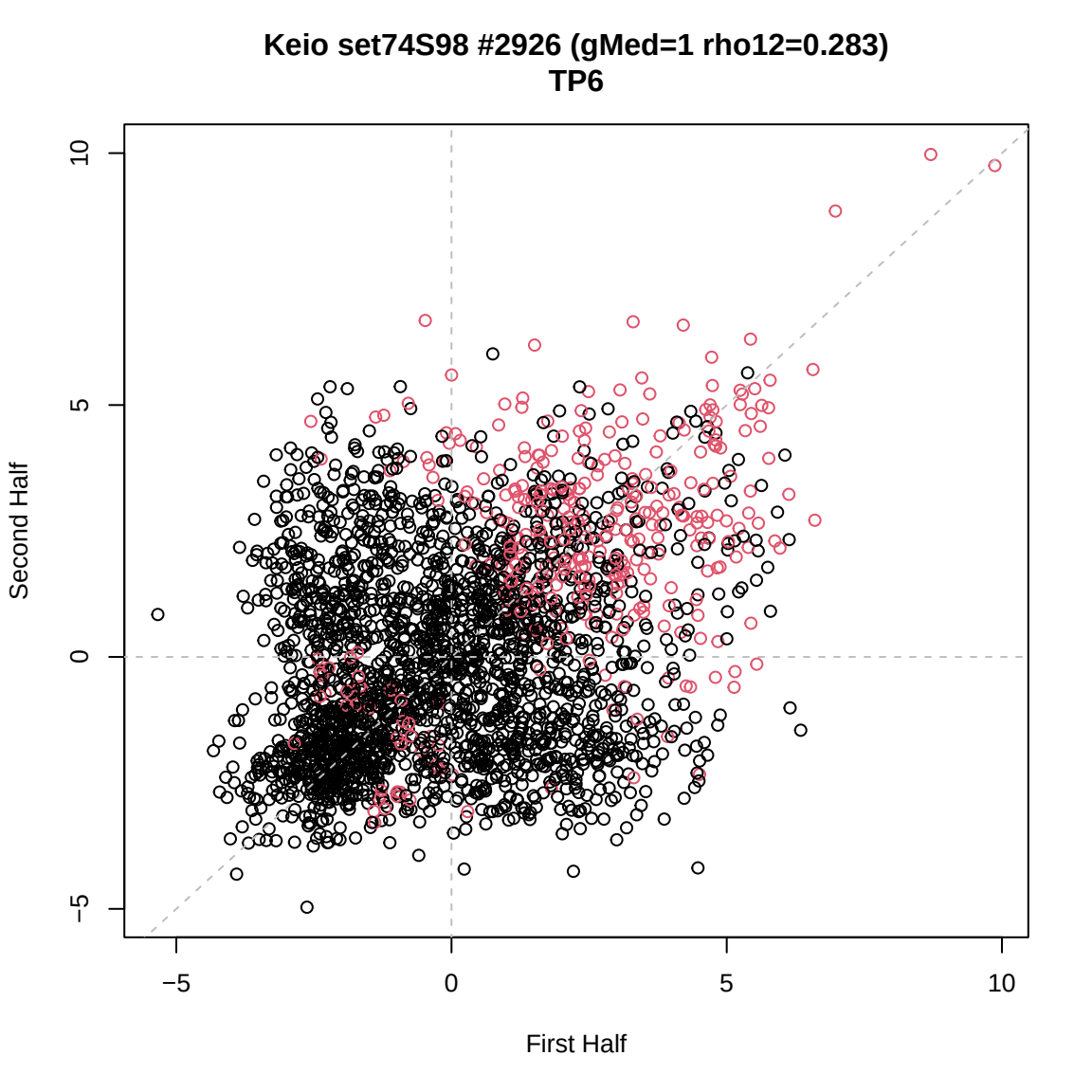

Keio set73S554 #2920 (gMed=3 rho12=0.435)
T7_MOI1
Second Half
First Half
0
5
10
15
0
5
10
15

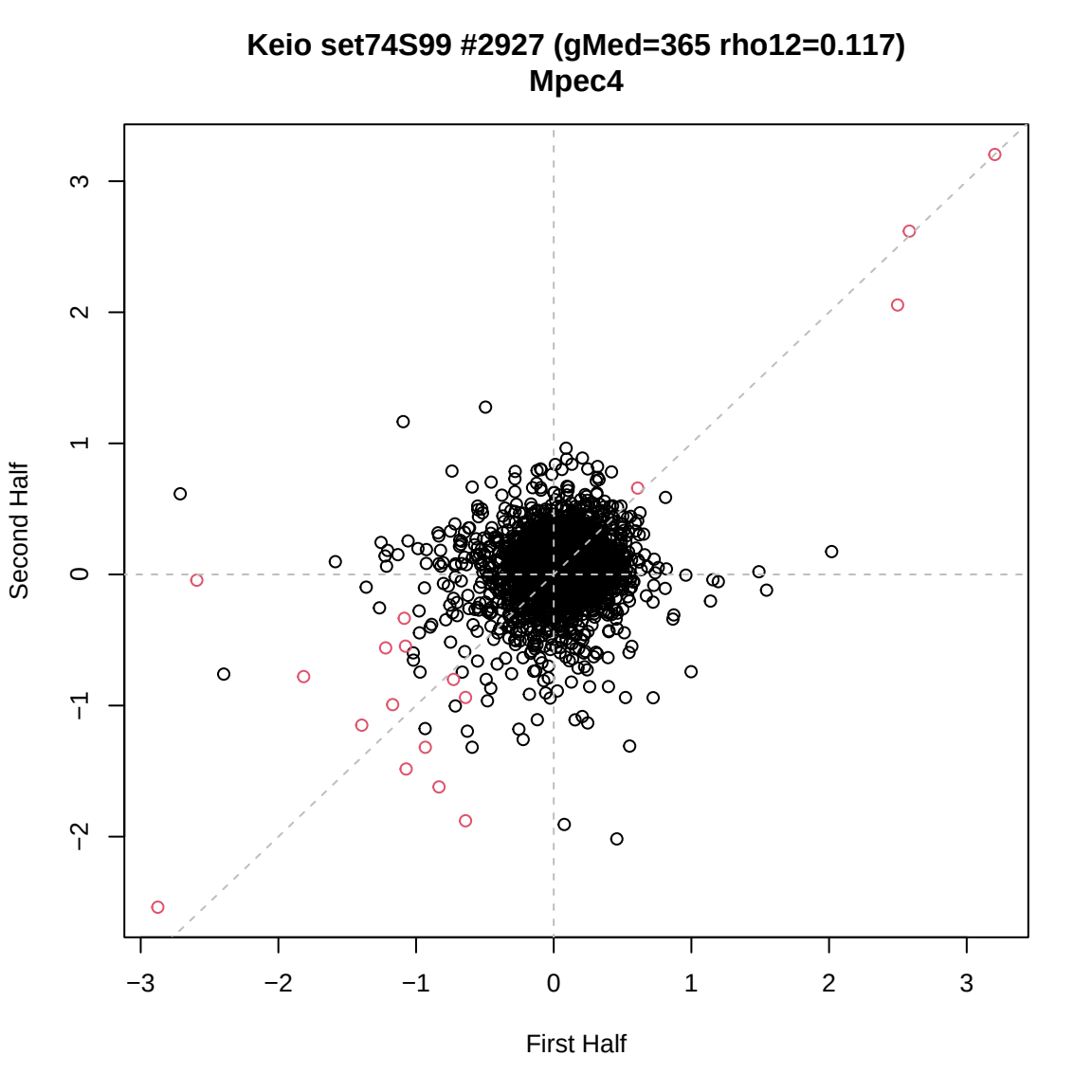

Keio set73S555 #2921 (gMed=10 rho12=0.279)
T7_MOI1_Calbicans
Second Half
First Half
10
5
0
−5
−5
0
5
10

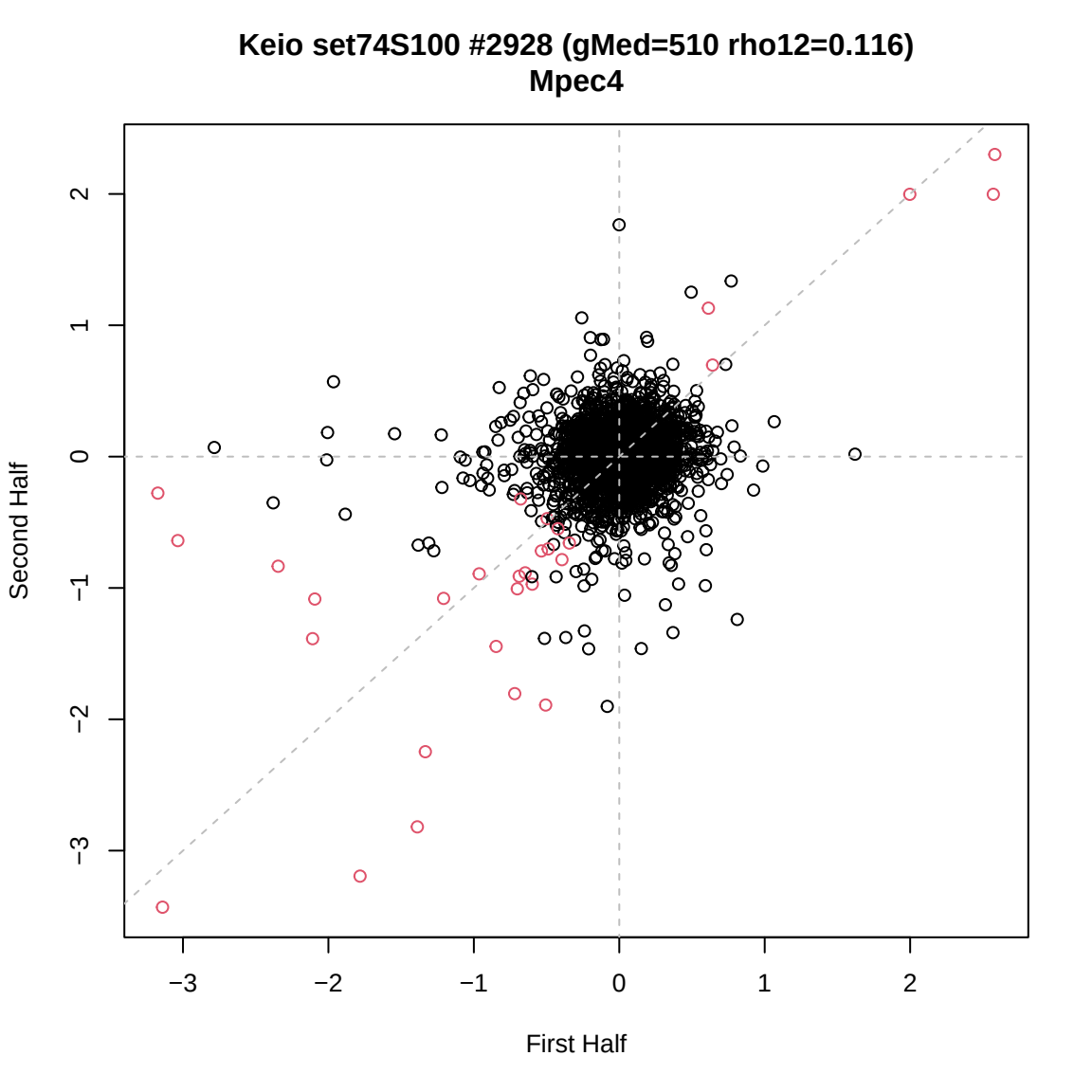

Keio set73S556 #2922 (gMed=6 rho12=0.331)
T7_MOI1_Calbicans
Second Half
First Half
15
10
5
0
0
5
10
15

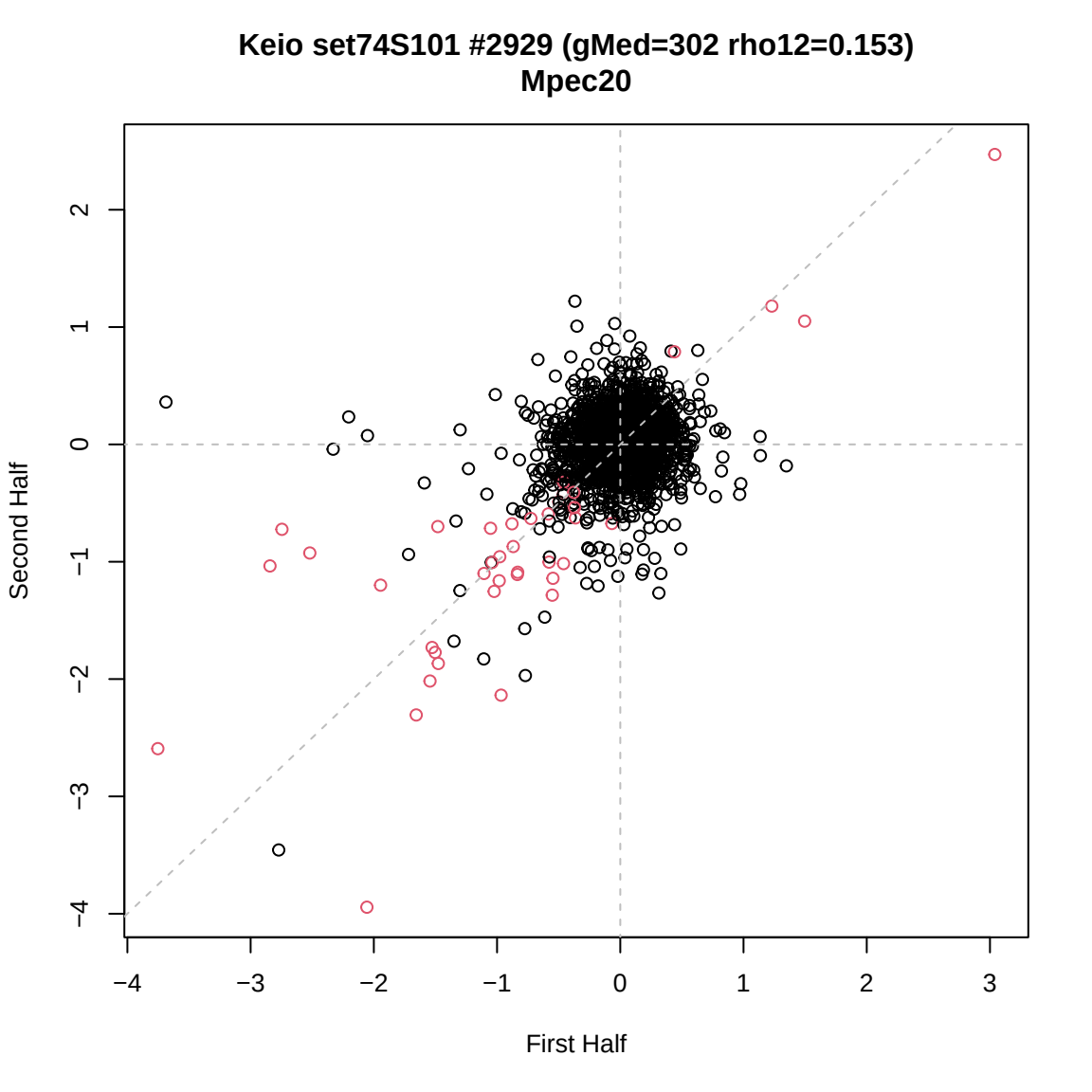

Keio set73S557 #2923 (gMed=220 rho12=−0.018)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1
0
1
2

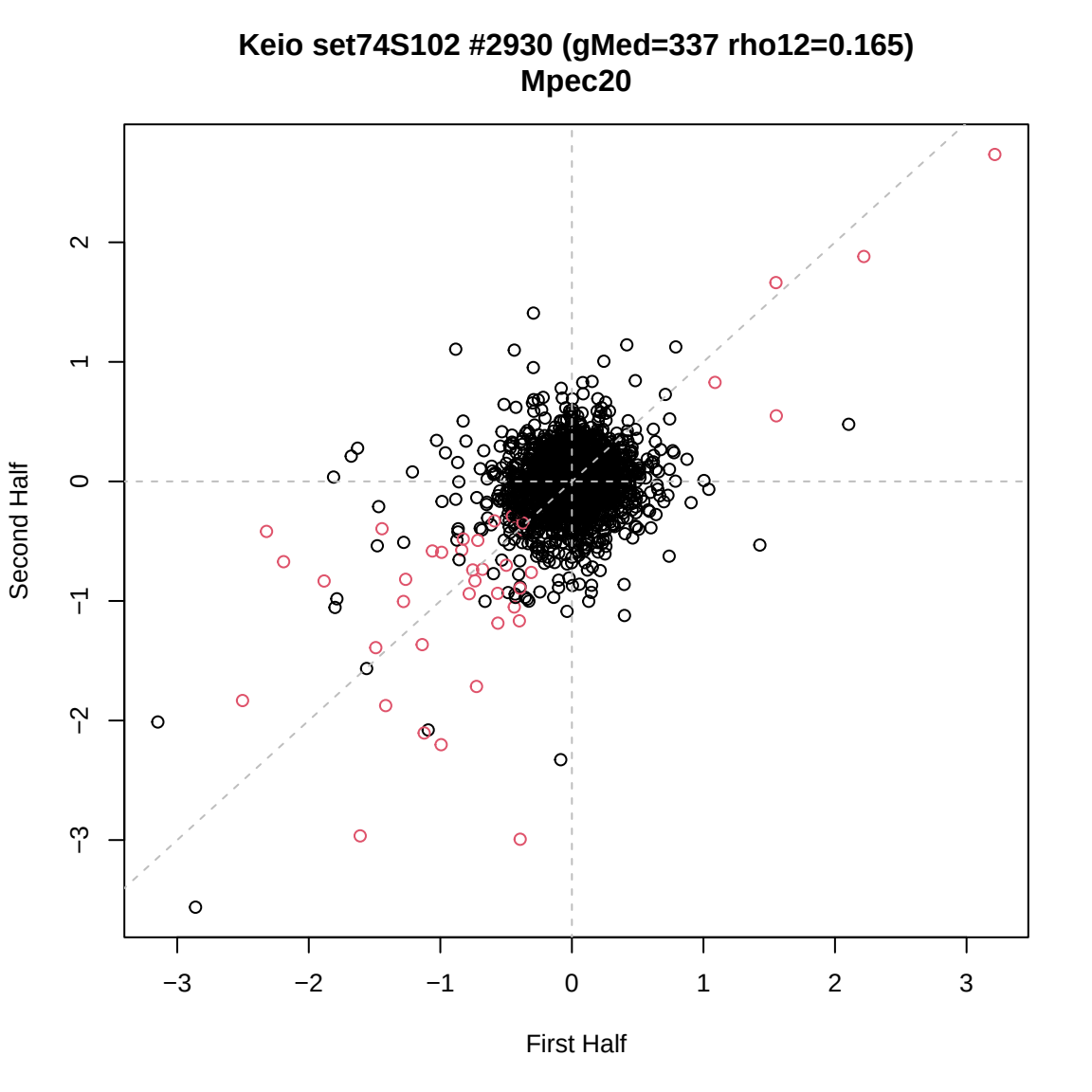

Keio set74S97 #2925 (gMed=0 rho12=0.347)
TP6
Second Half
First Half
0
5
10
0
5
10

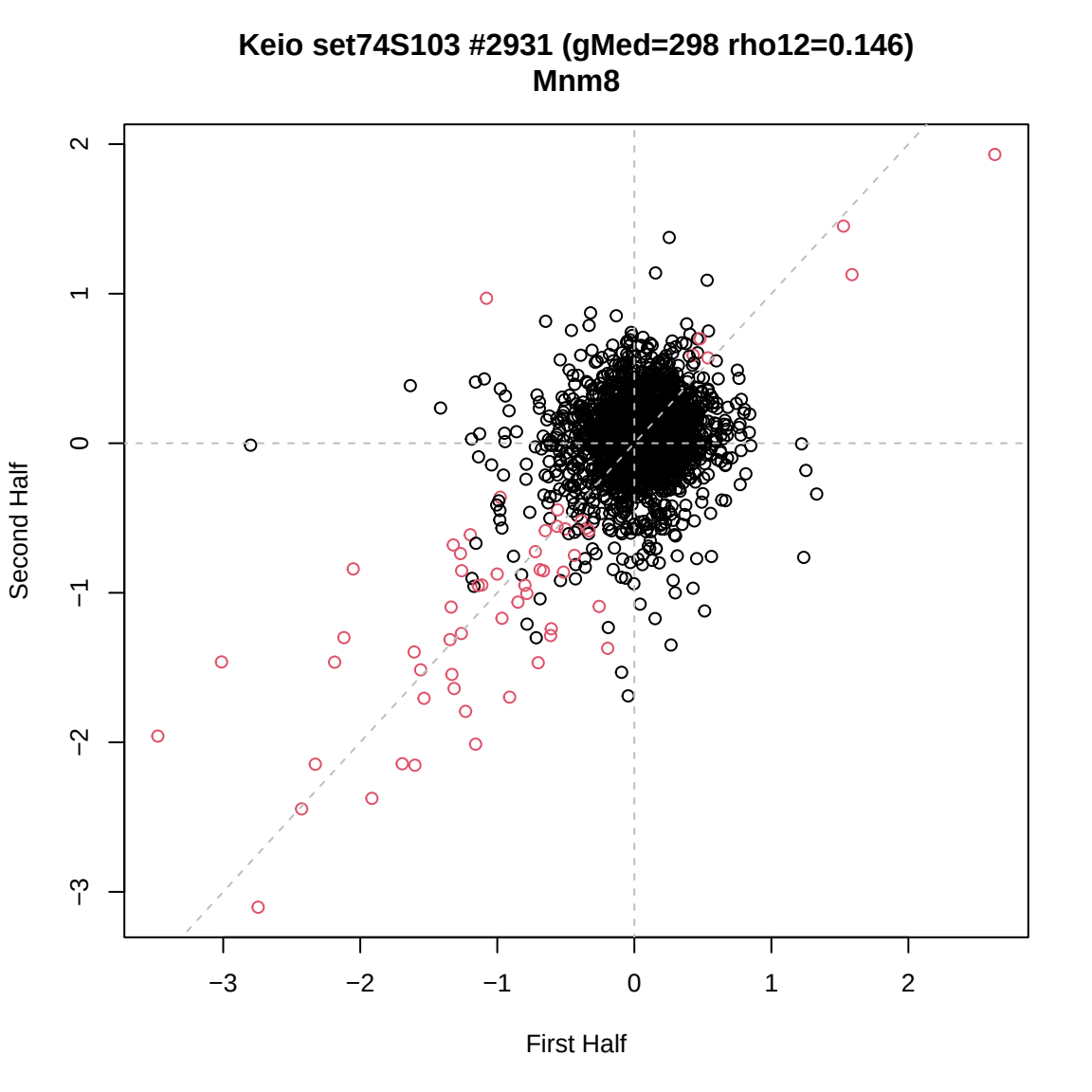

Keio set74S98 #2926 (gMed=1 rho12=0.283)
TP6
Second Half
First Half
10
5
0
−5
−5
0
5
10

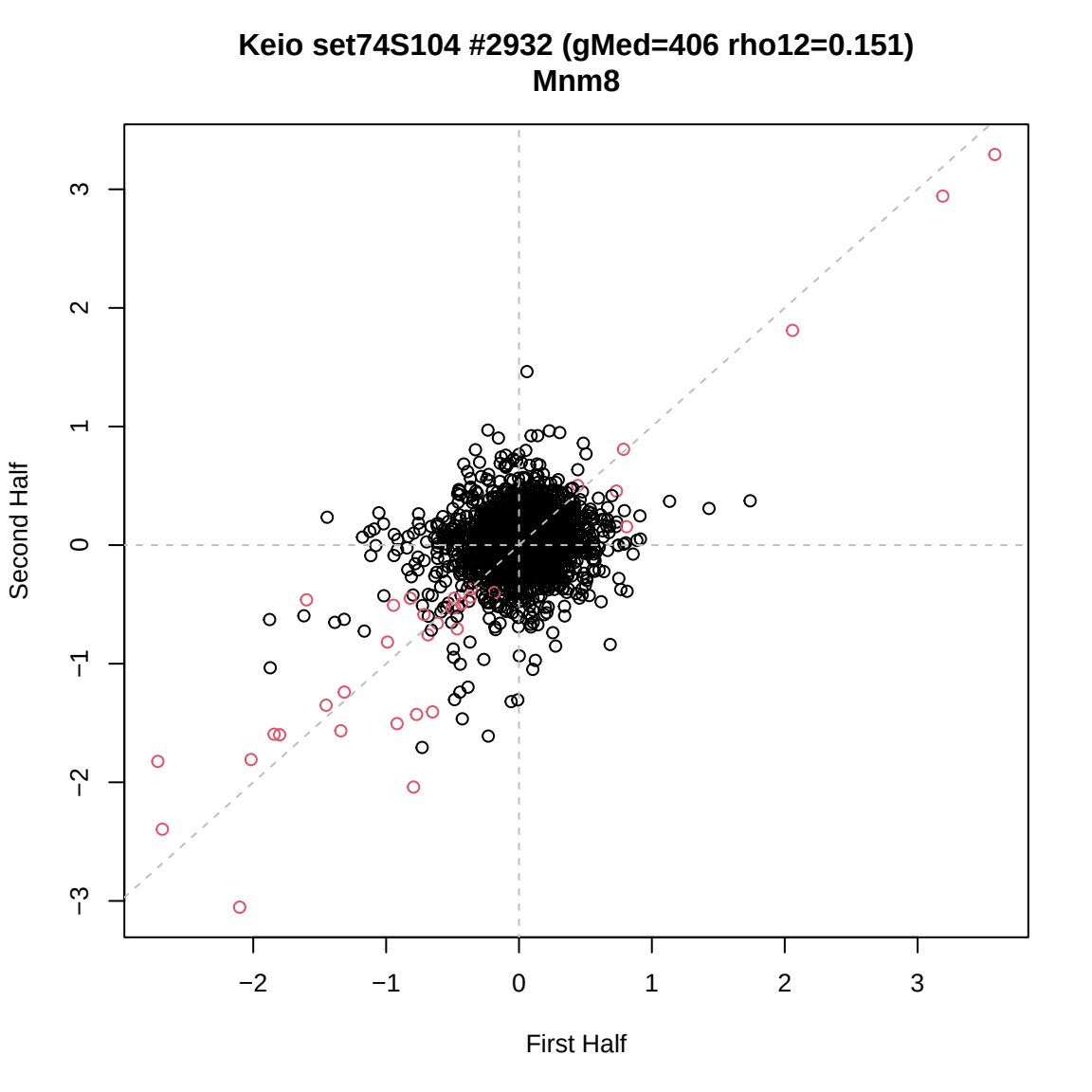

Keio set74S99 #2927 (gMed=365 rho12=0.117)
Mpec4
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

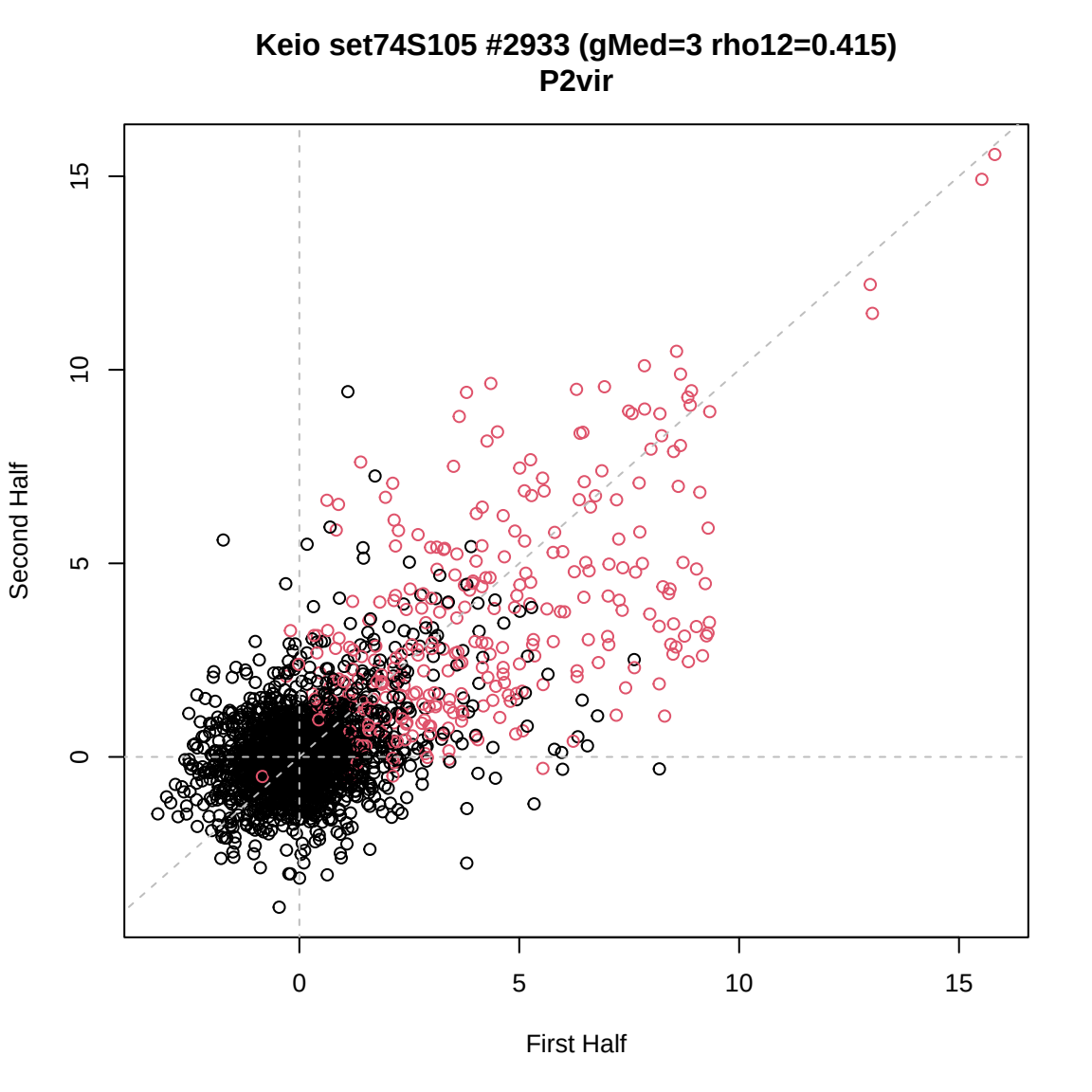

Keio set74S100 #2928 (gMed=510 rho12=0.116)
Mpec4
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

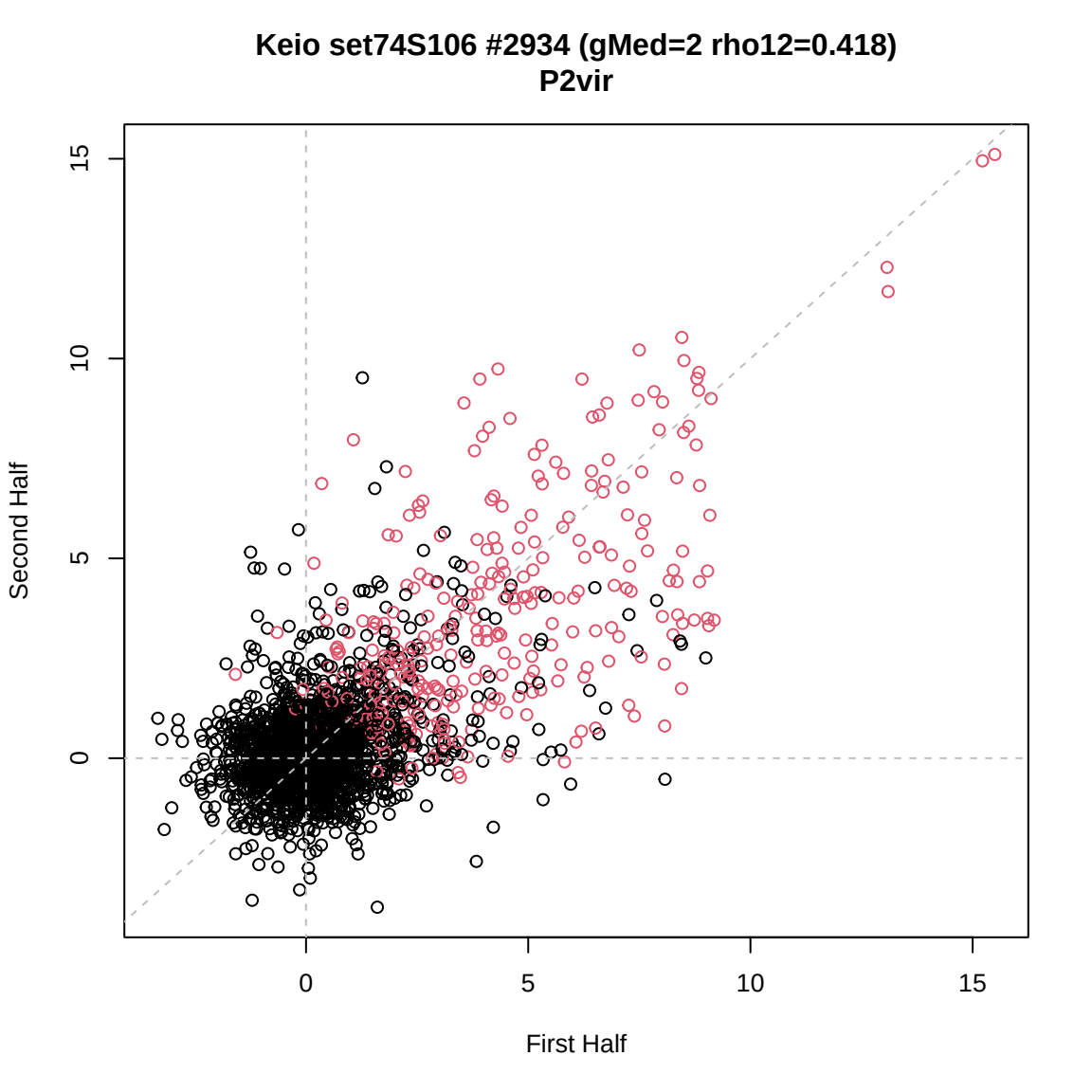

Keio set74S101 #2929 (gMed=302 rho12=0.153)
Mpec20
Second Half
First Half
−4
−3
−2
−1
0
1
2
3

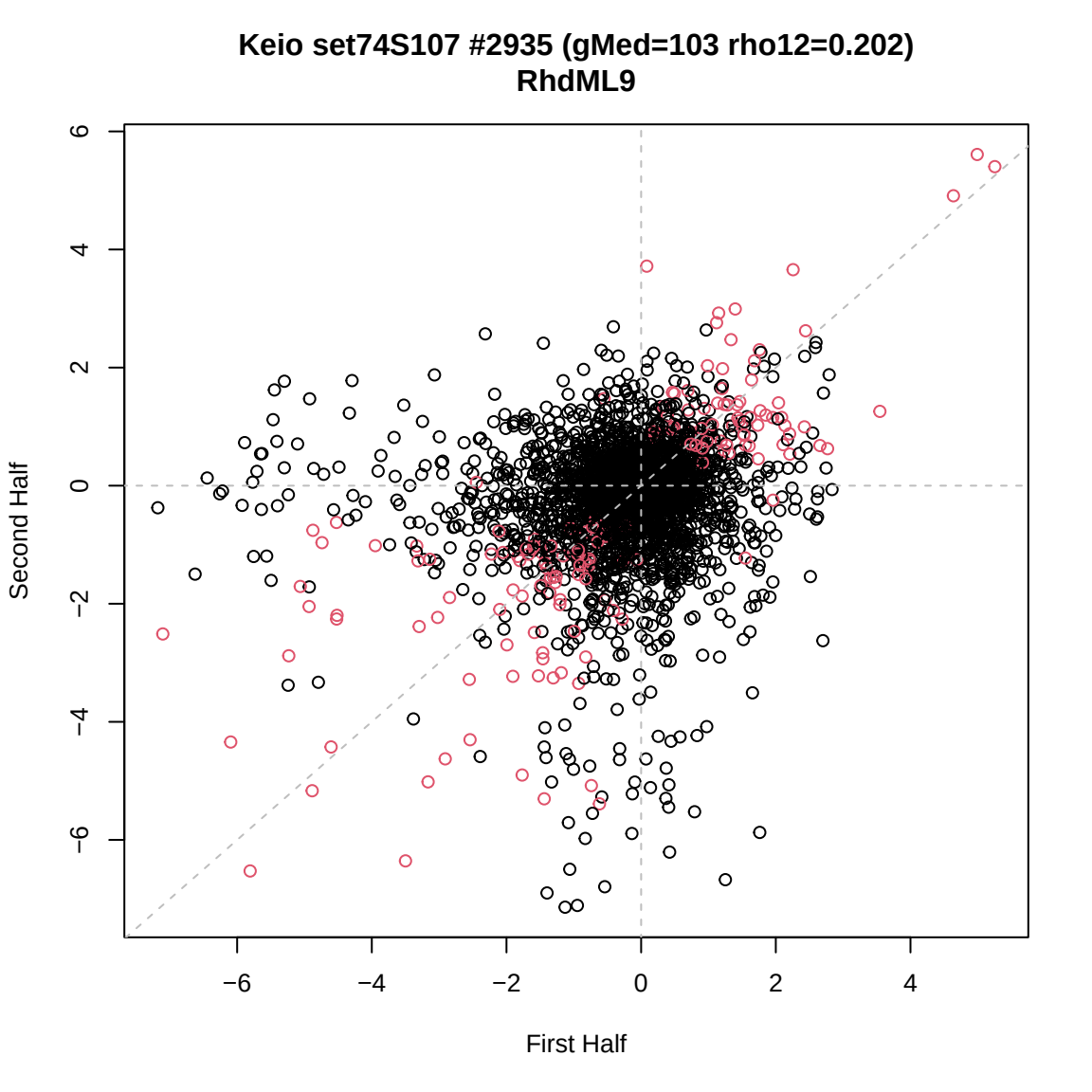

Keio set74S102 #2930 (gMed=337 rho12=0.165)
Mpec20
Second Half
First Half
−3
−2
−1
0
1
2
3

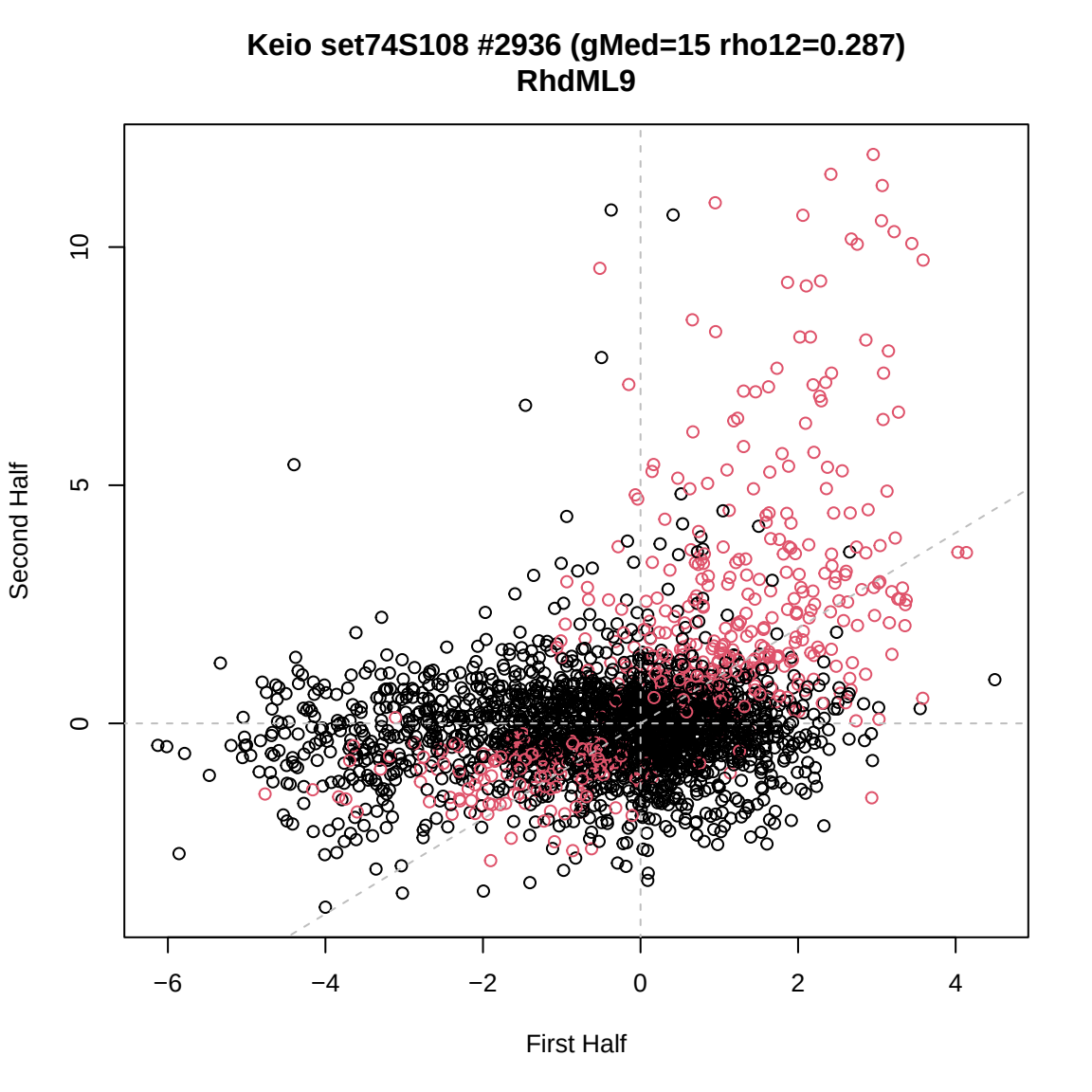

Keio set74S103 #2931 (gMed=298 rho12=0.146)
Mnm8
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

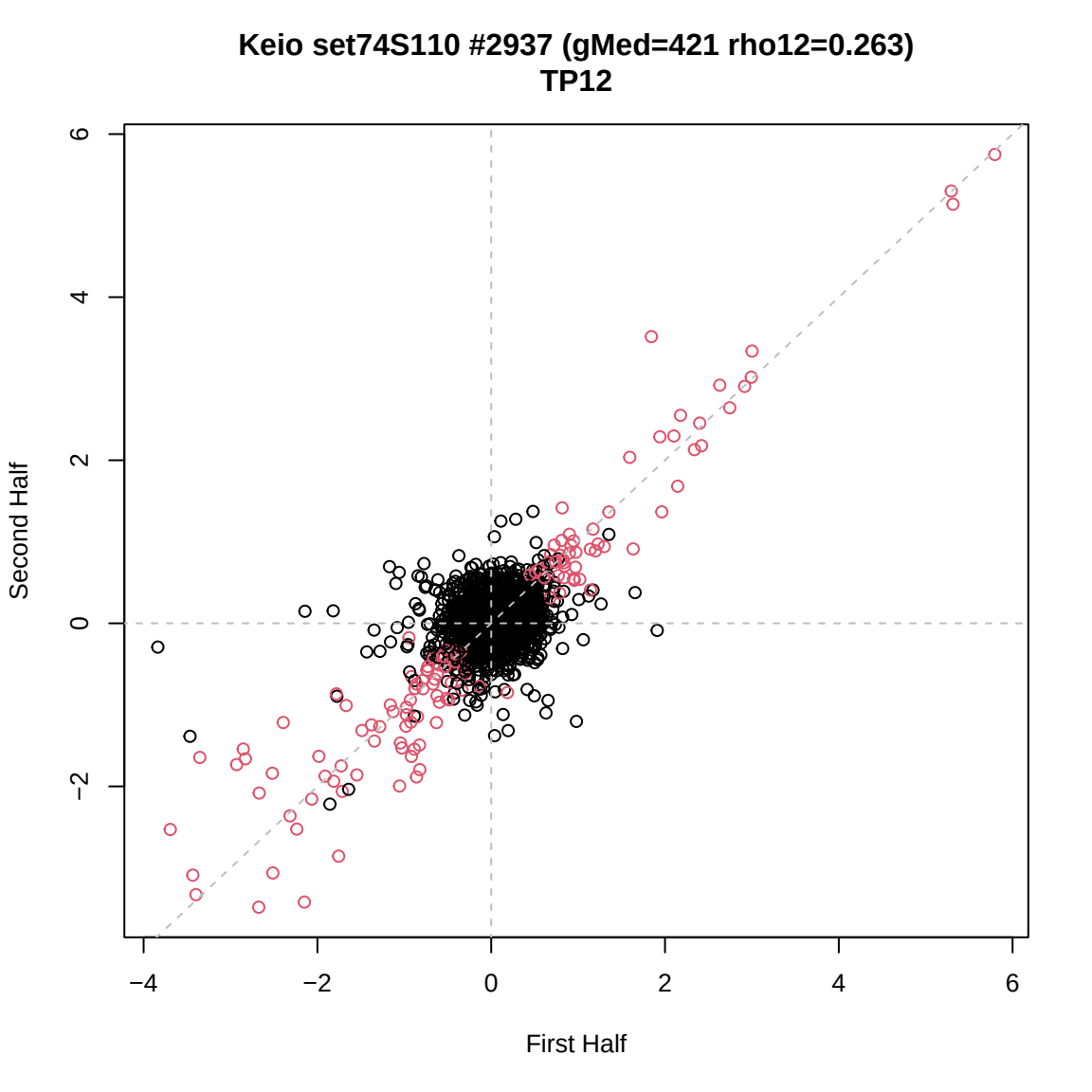

Keio set74S104 #2932 (gMed=406 rho12=0.151)
Mnm8
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

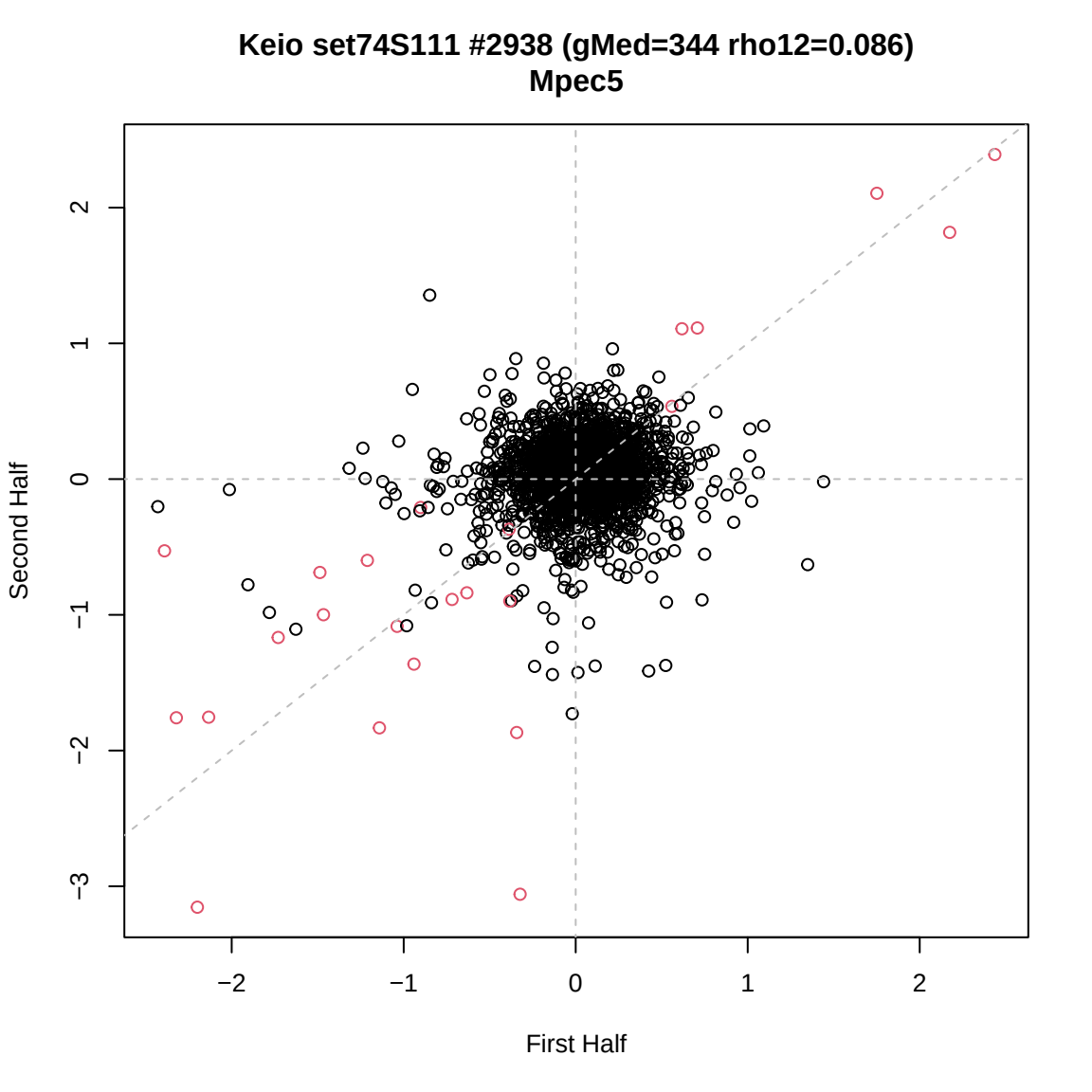

Keio set74S105 #2933 (gMed=3 rho12=0.415)
P2vir
Second Half
First Half
0
5
10
15

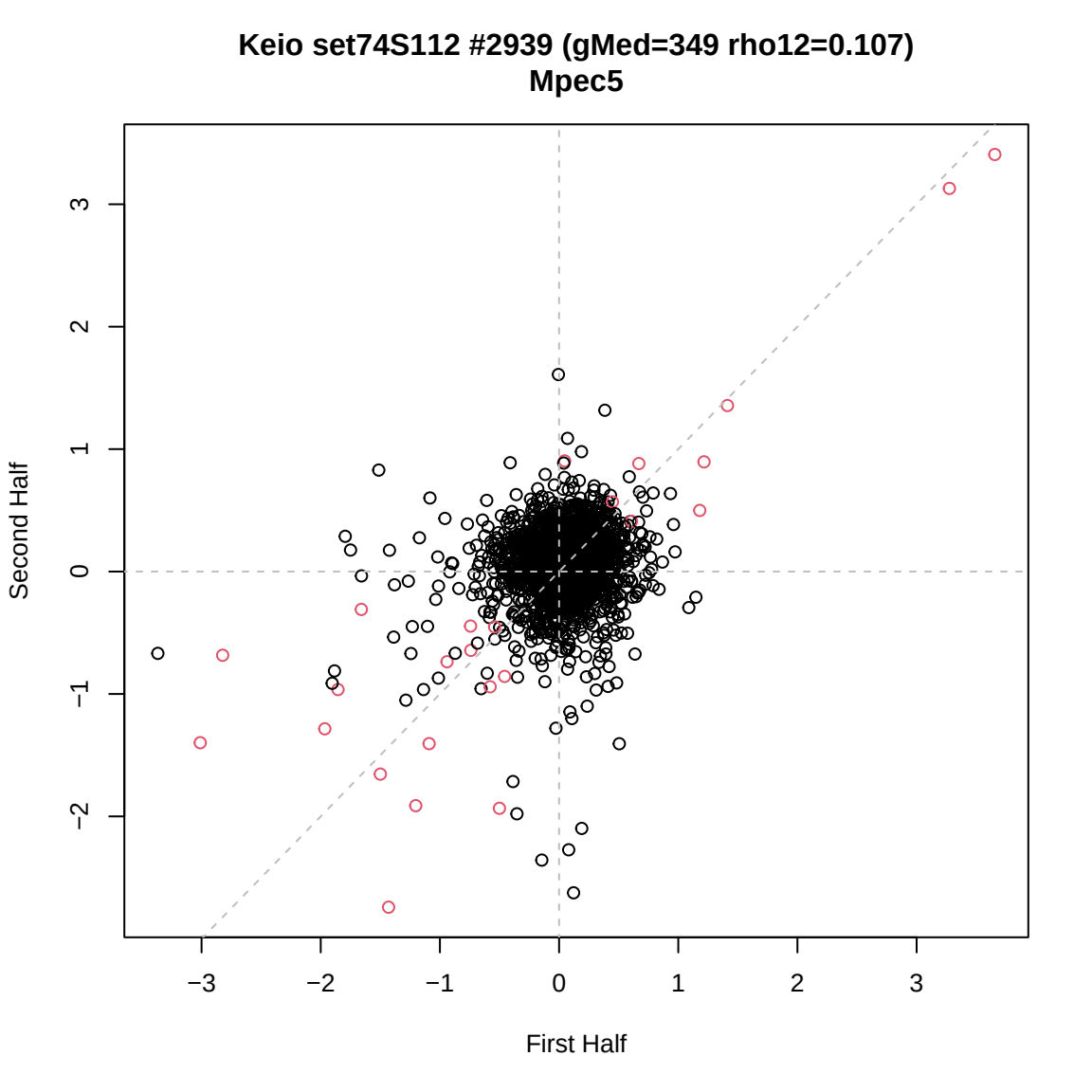

Keio set74S106 #2934 (gMed=2 rho12=0.418)
P2vir
Second Half
First Half
0
5
10
15

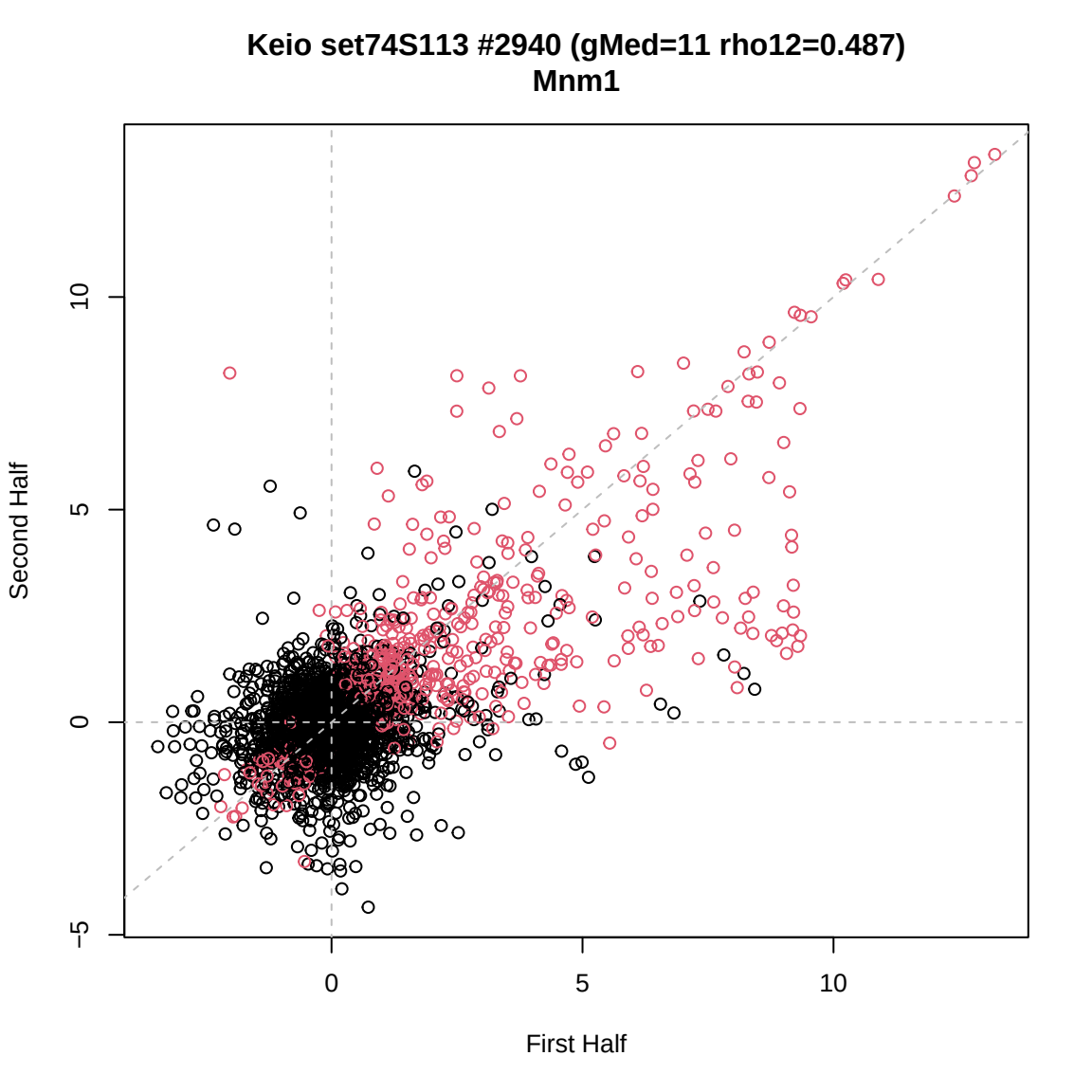

Keio set74S107 #2935 (gMed=103 rho12=0.202)
RhdML9
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4

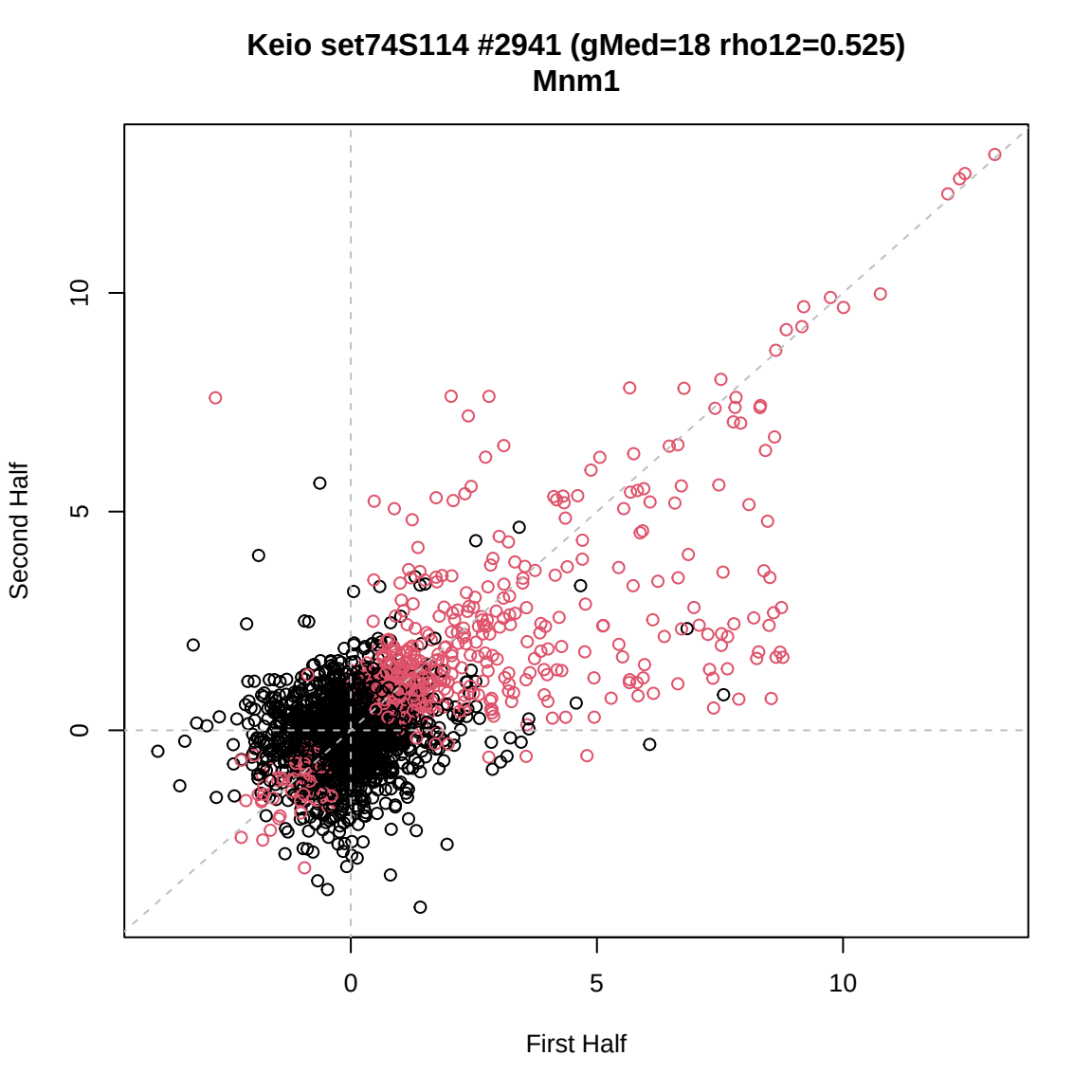

Keio set74S108 #2936 (gMed=15 rho12=0.287)
RhdML9
Second Half
First Half
10
5
0
−6
−4
−2
0
2
4

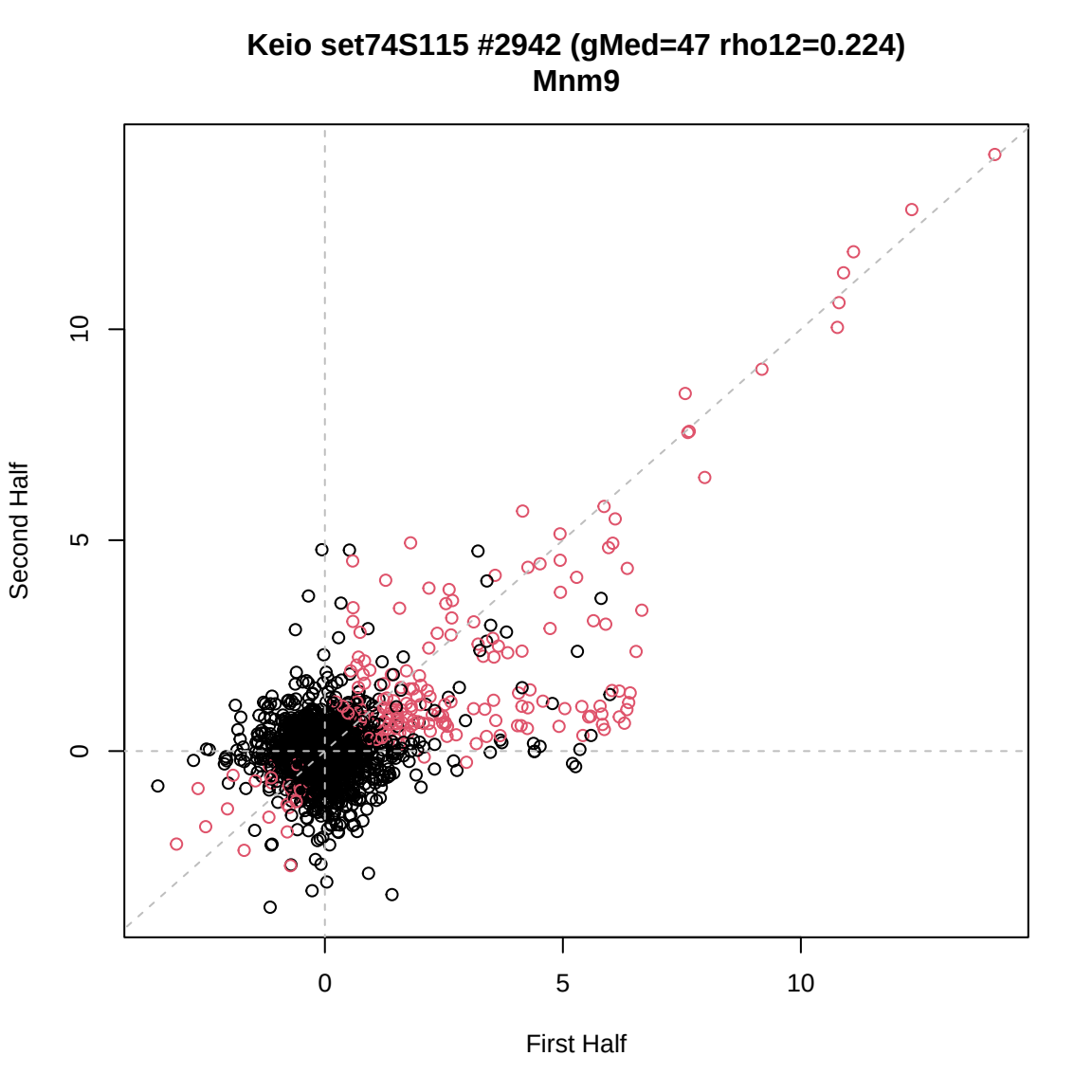

Keio set74S110 #2937 (gMed=421 rho12=0.263)
TP12
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

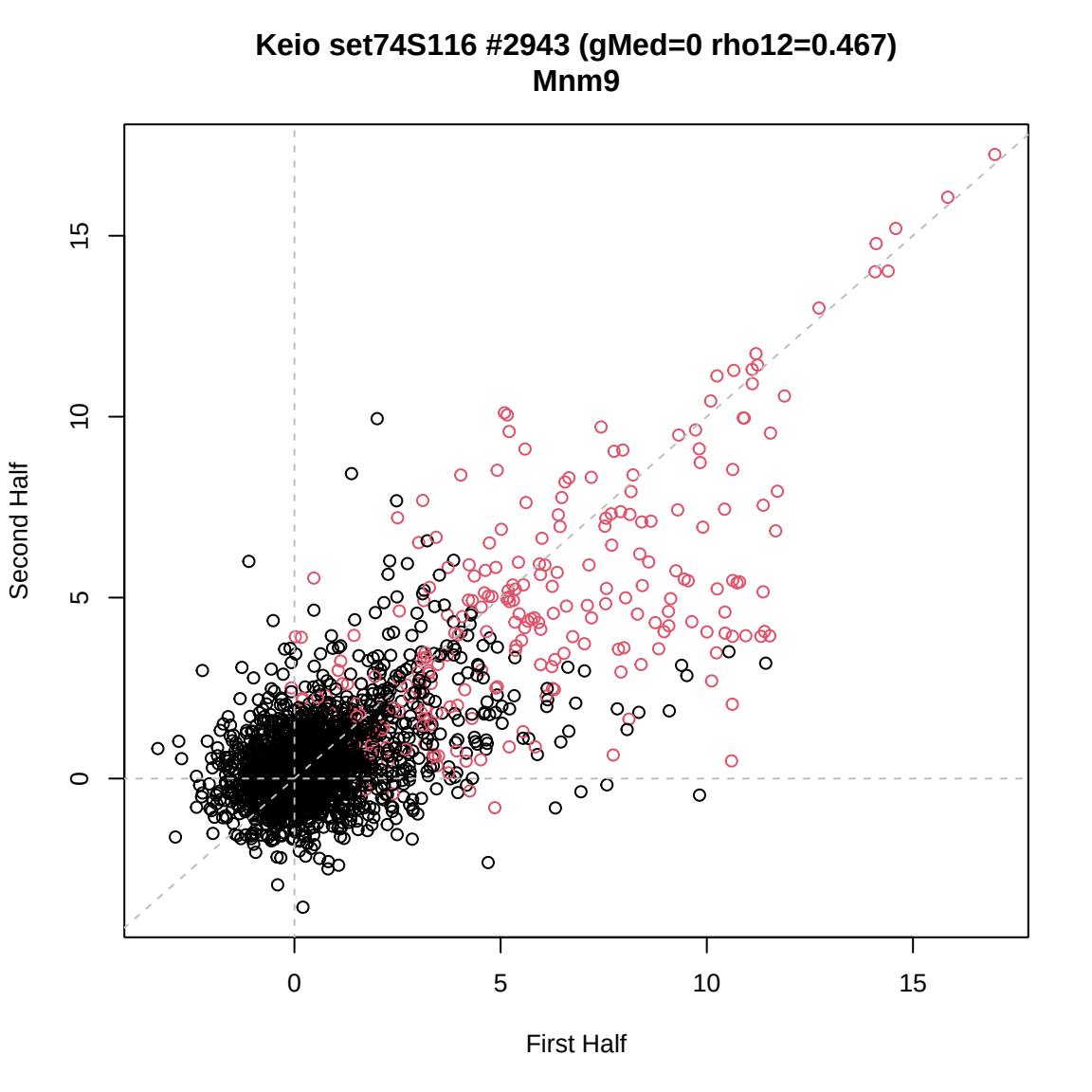

Keio set74S111 #2938 (gMed=344 rho12=0.086)
Mpec5
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

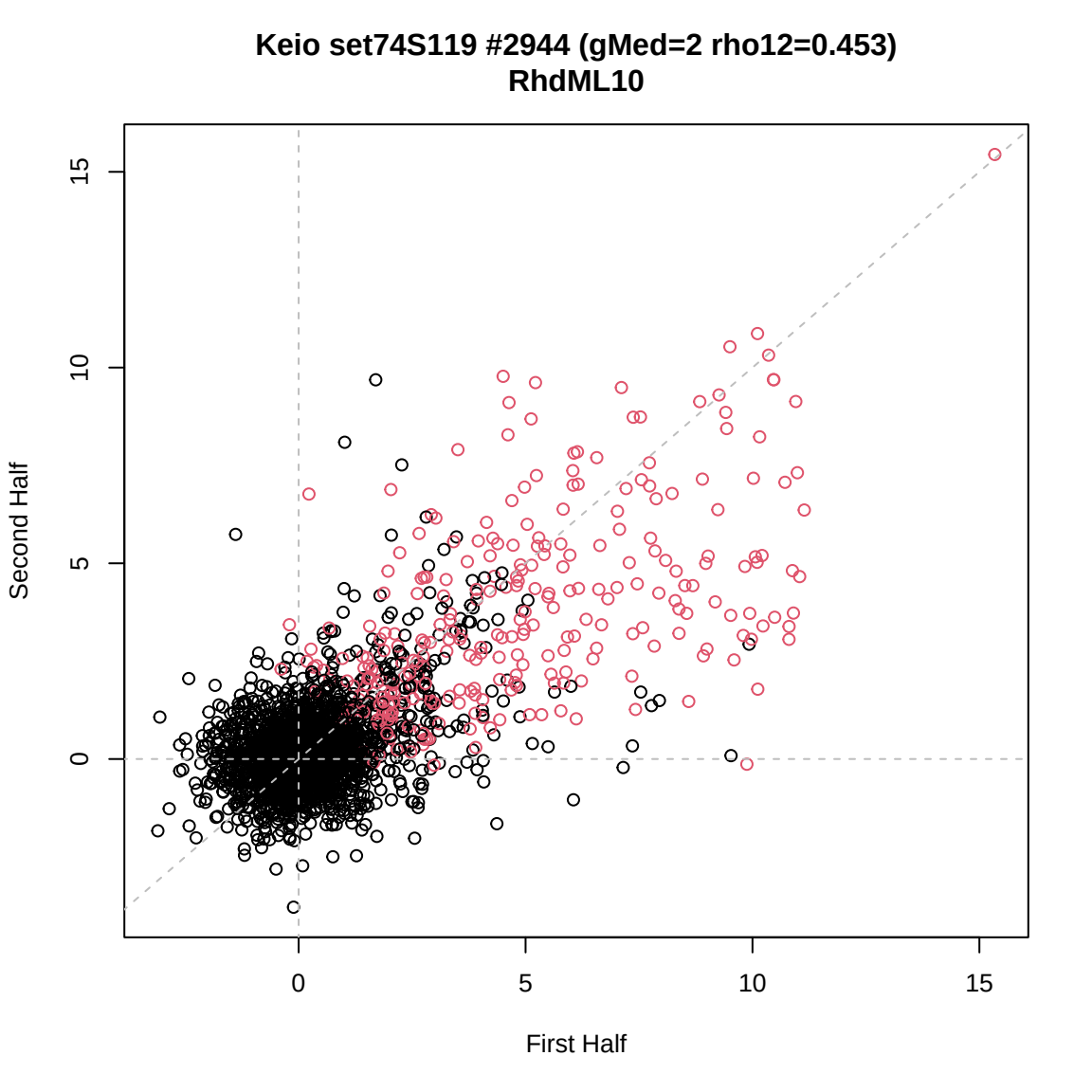

Keio set74S112 #2939 (gMed=349 rho12=0.107)
Mpec5
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

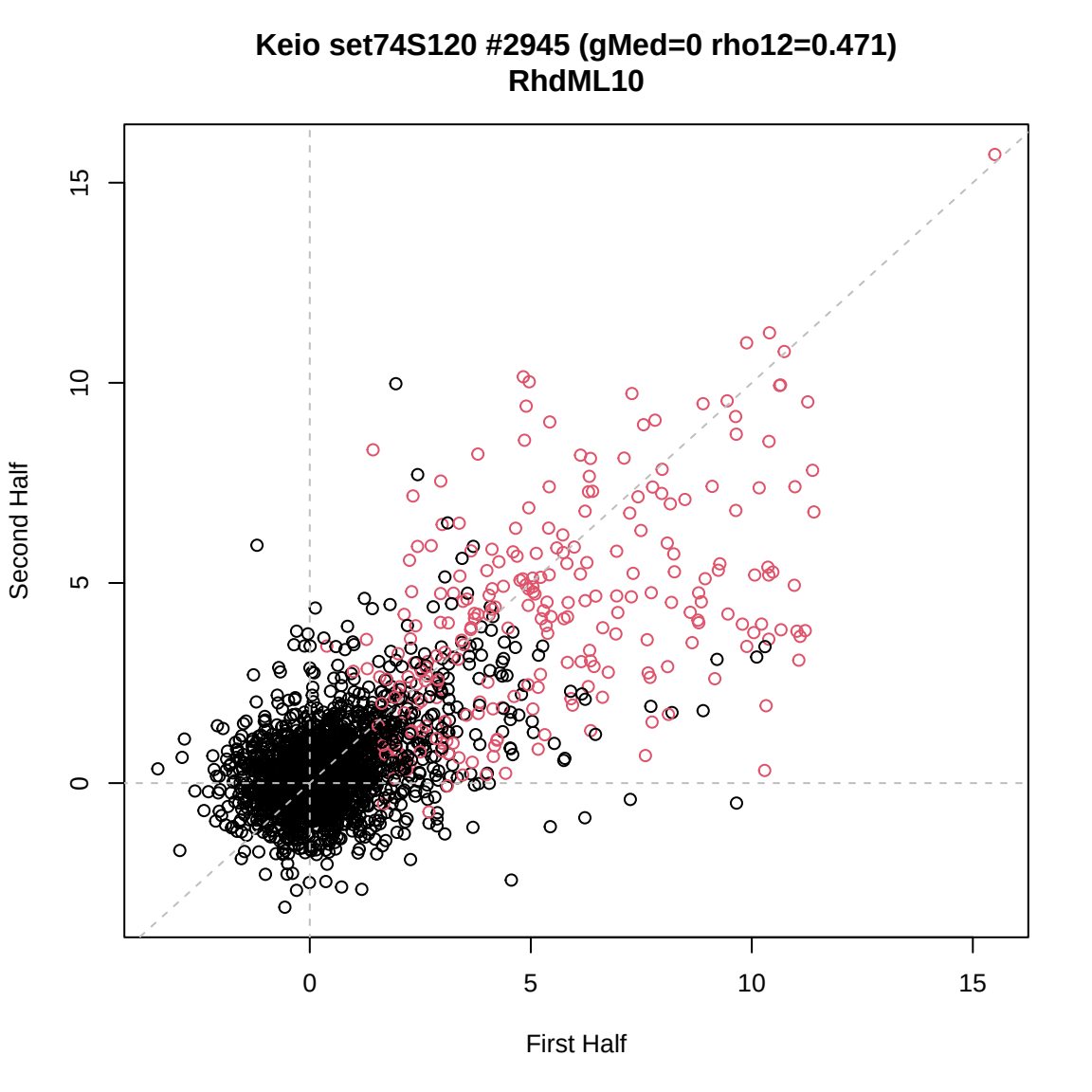

Keio set74S113 #2940 (gMed=11 rho12=0.487)
Mnm1
Second Half
First Half
10
5
0
−5
0
5
10

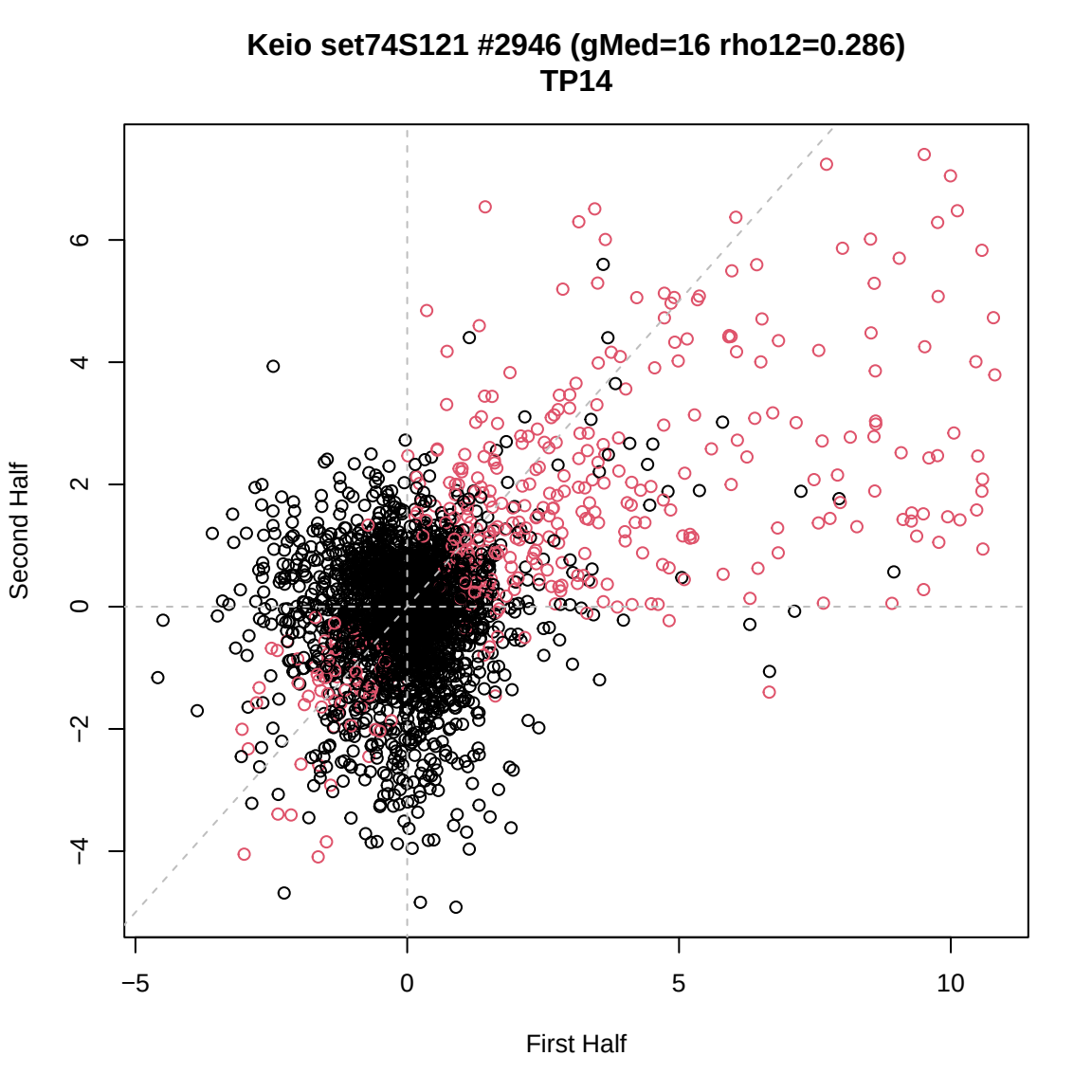

Keio set74S114 #2941 (gMed=18 rho12=0.525)
Mnm1
Second Half
First Half
0
5
10
0
5
10

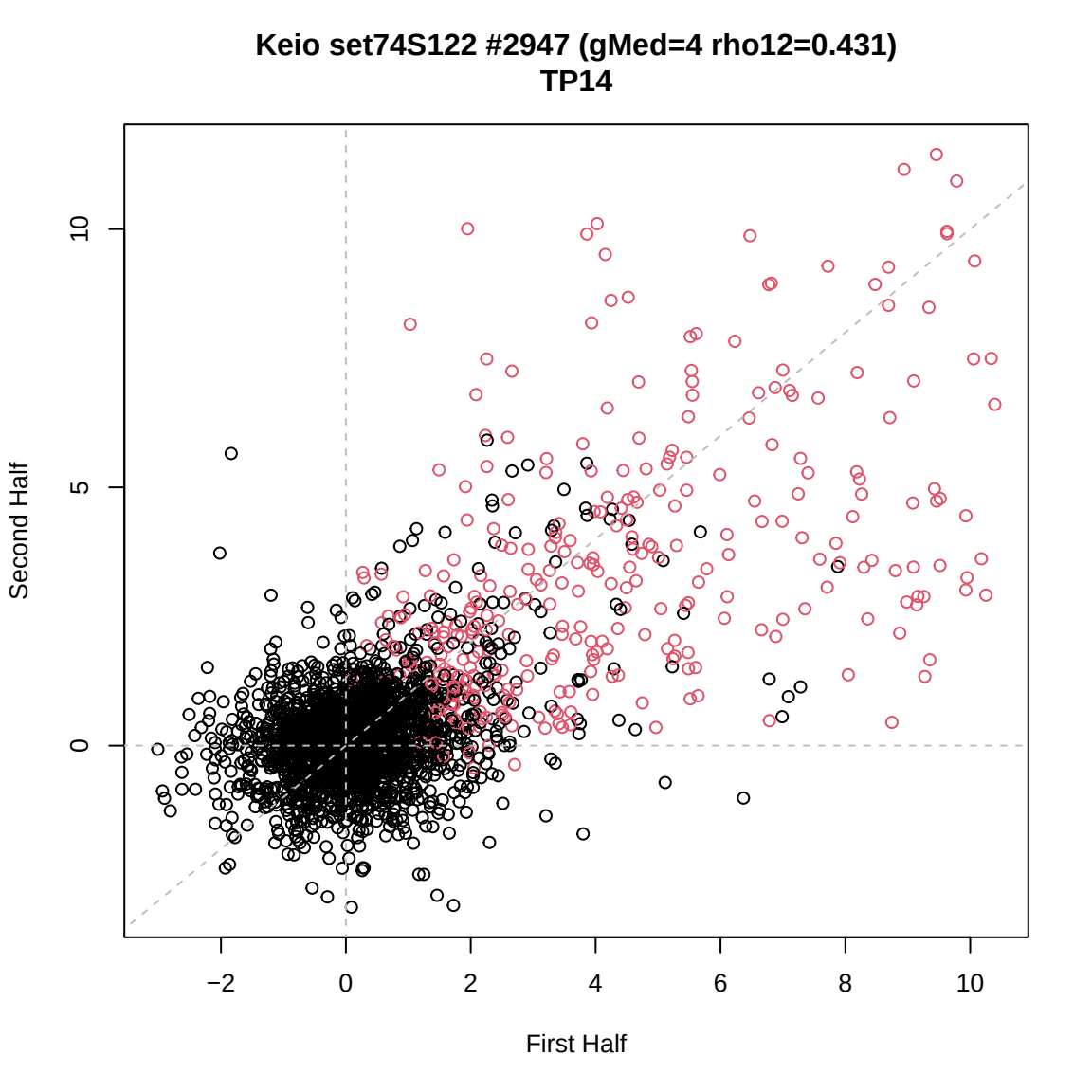

Keio set74S115 #2942 (gMed=47 rho12=0.224)
Mnm9
Second Half
First Half
0
5
10
0
5
10

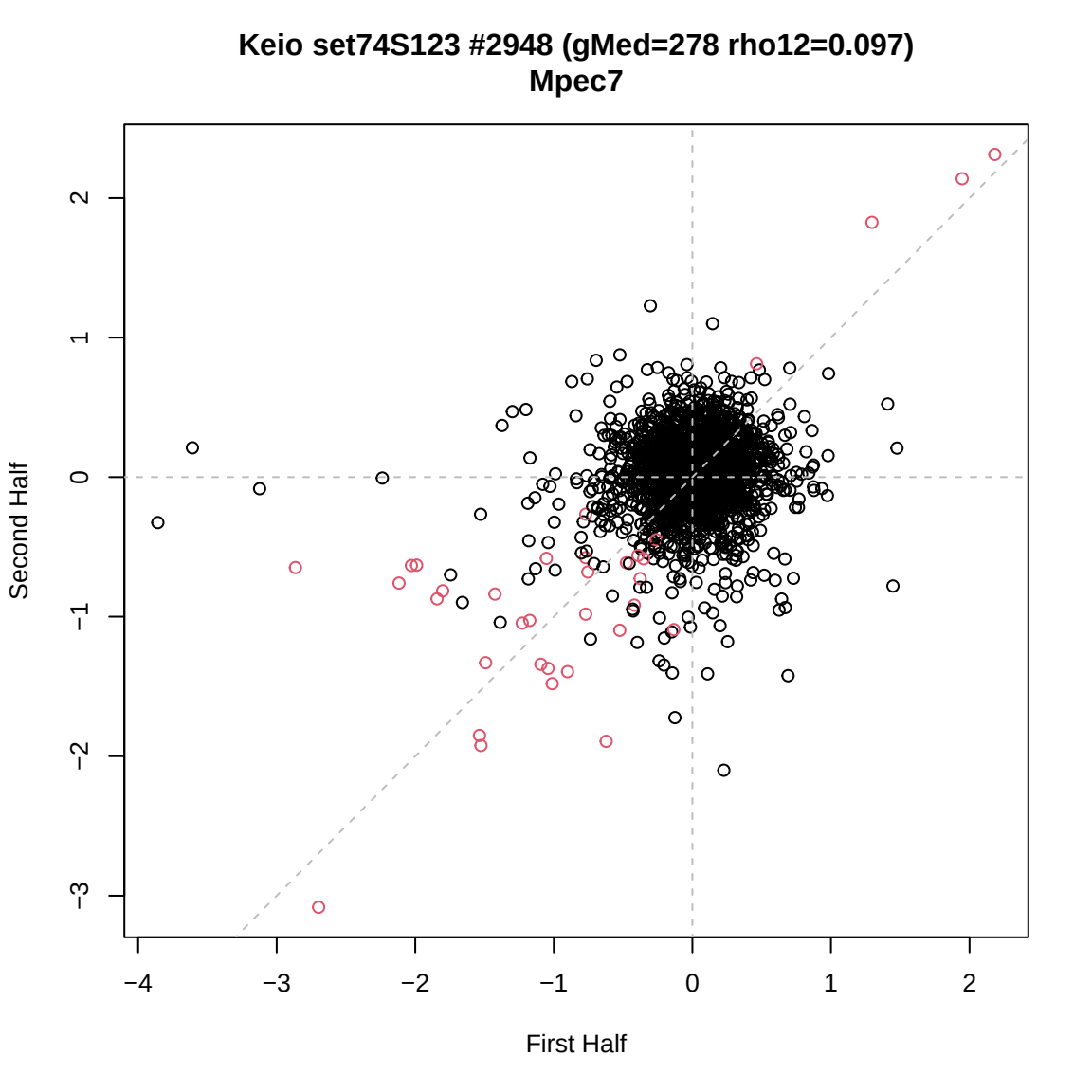

Keio set74S116 #2943 (gMed=0 rho12=0.467)
Mnm9
Second Half
First Half
0
5
10
15

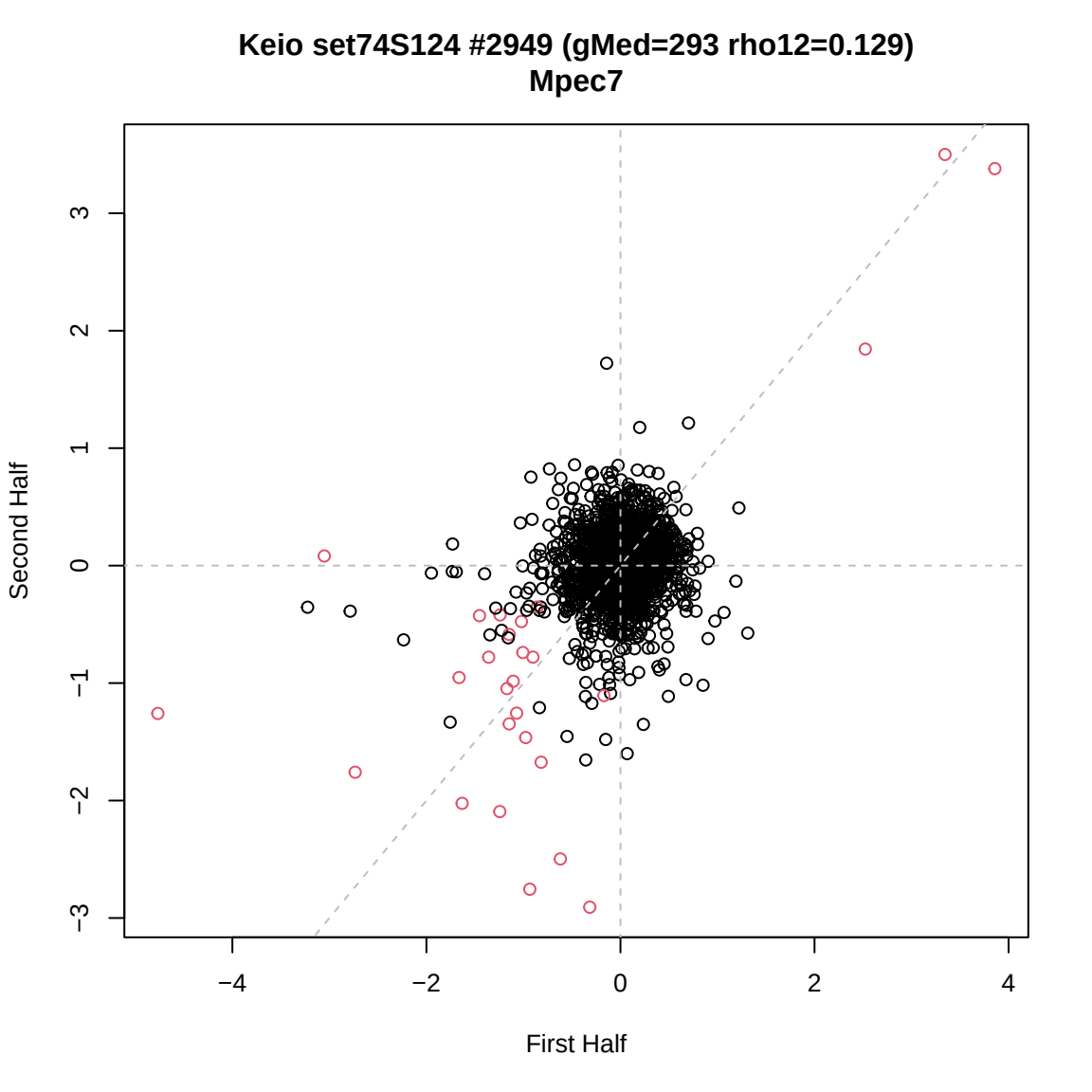

Keio set74S119 #2944 (gMed=2 rho12=0.453)
RhdML10
Second Half
First Half
0
5
10
15

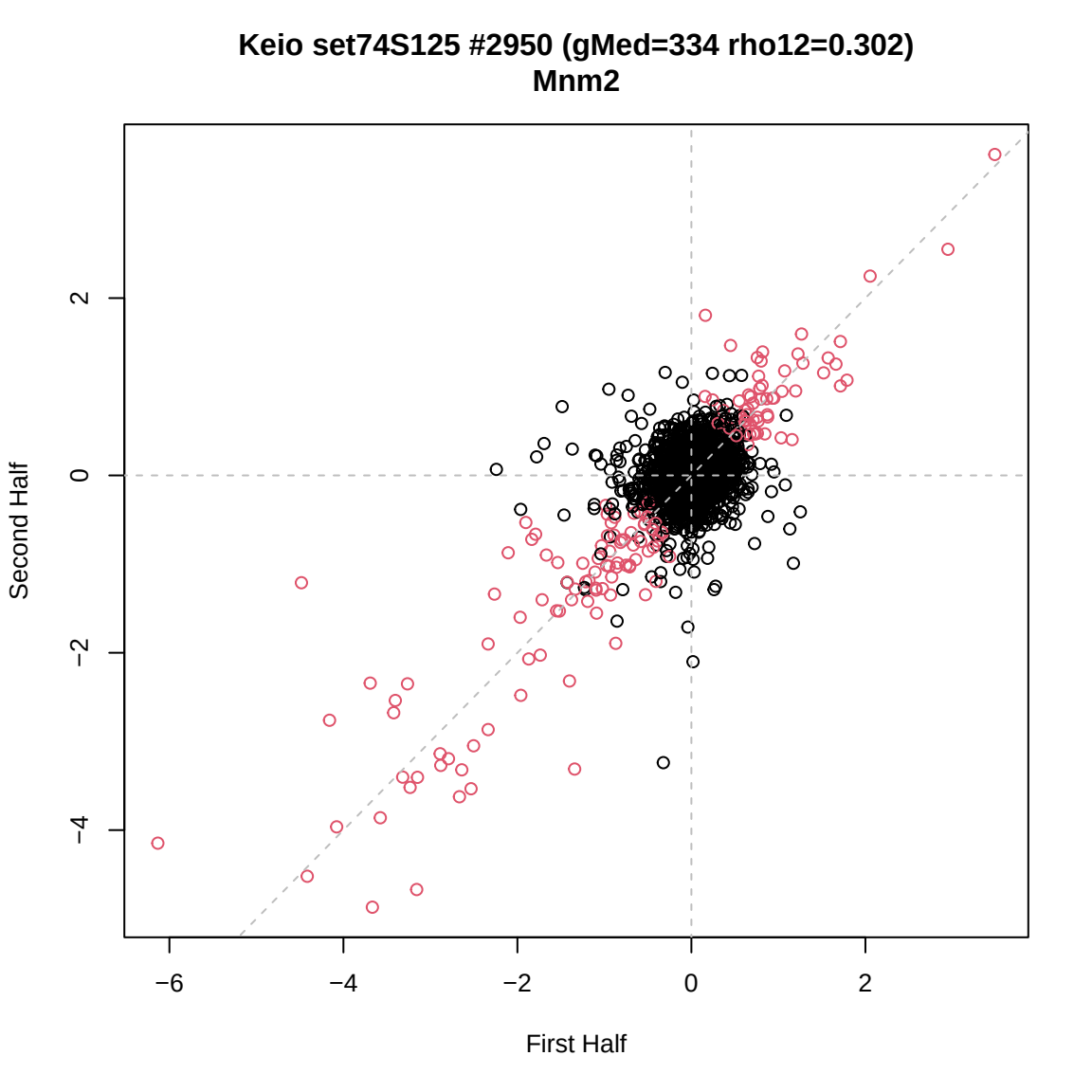

Keio set74S120 #2945 (gMed=0 rho12=0.471)
RhdML10
Second Half
First Half
0
5
10
15

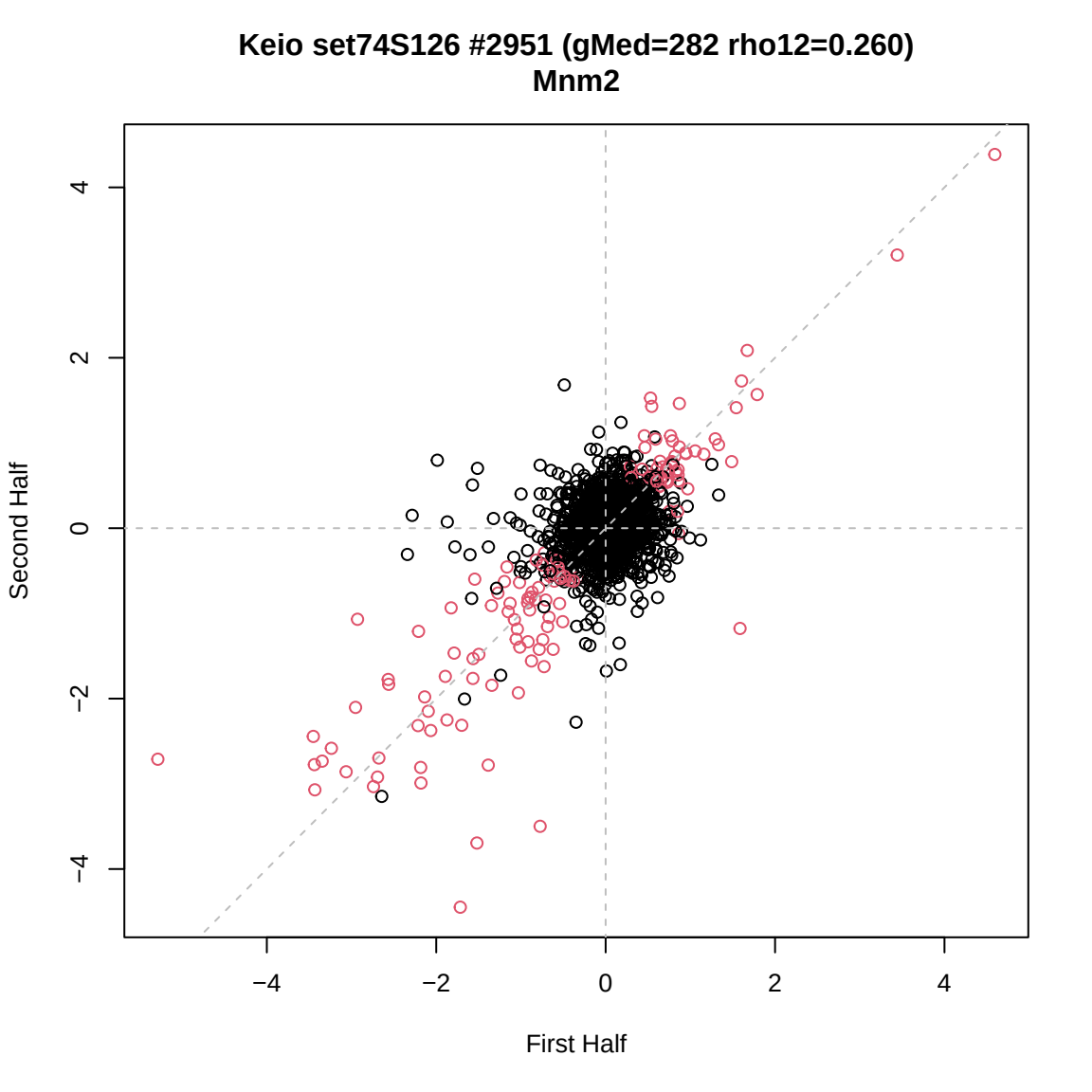

Keio set74S121 #2946 (gMed=16 rho12=0.286)
TP14
Second Half
First Half
6
4
2
0
−2
−4
−5
0
5
10

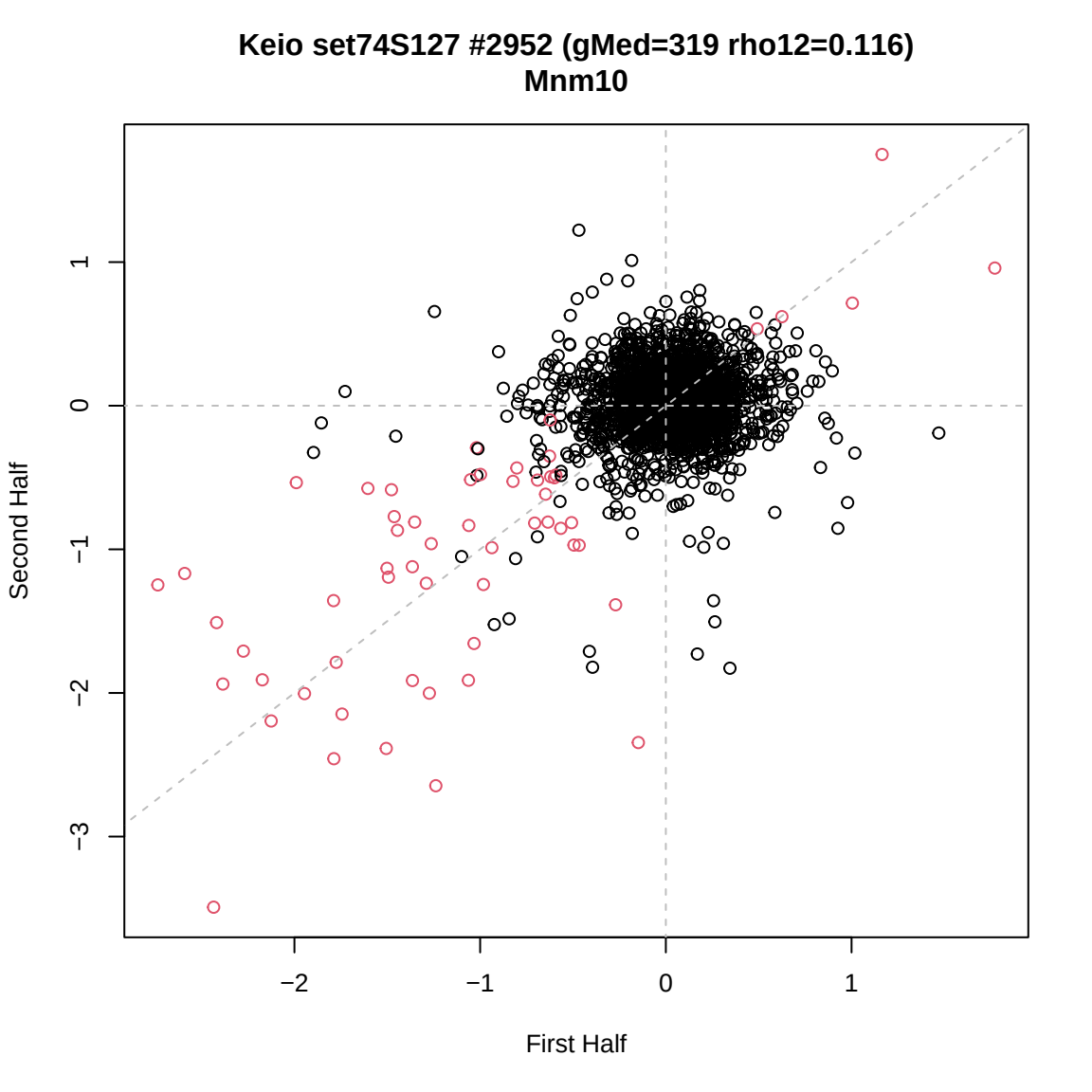

Keio set74S122 #2947 (gMed=4 rho12=0.431)
TP14
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

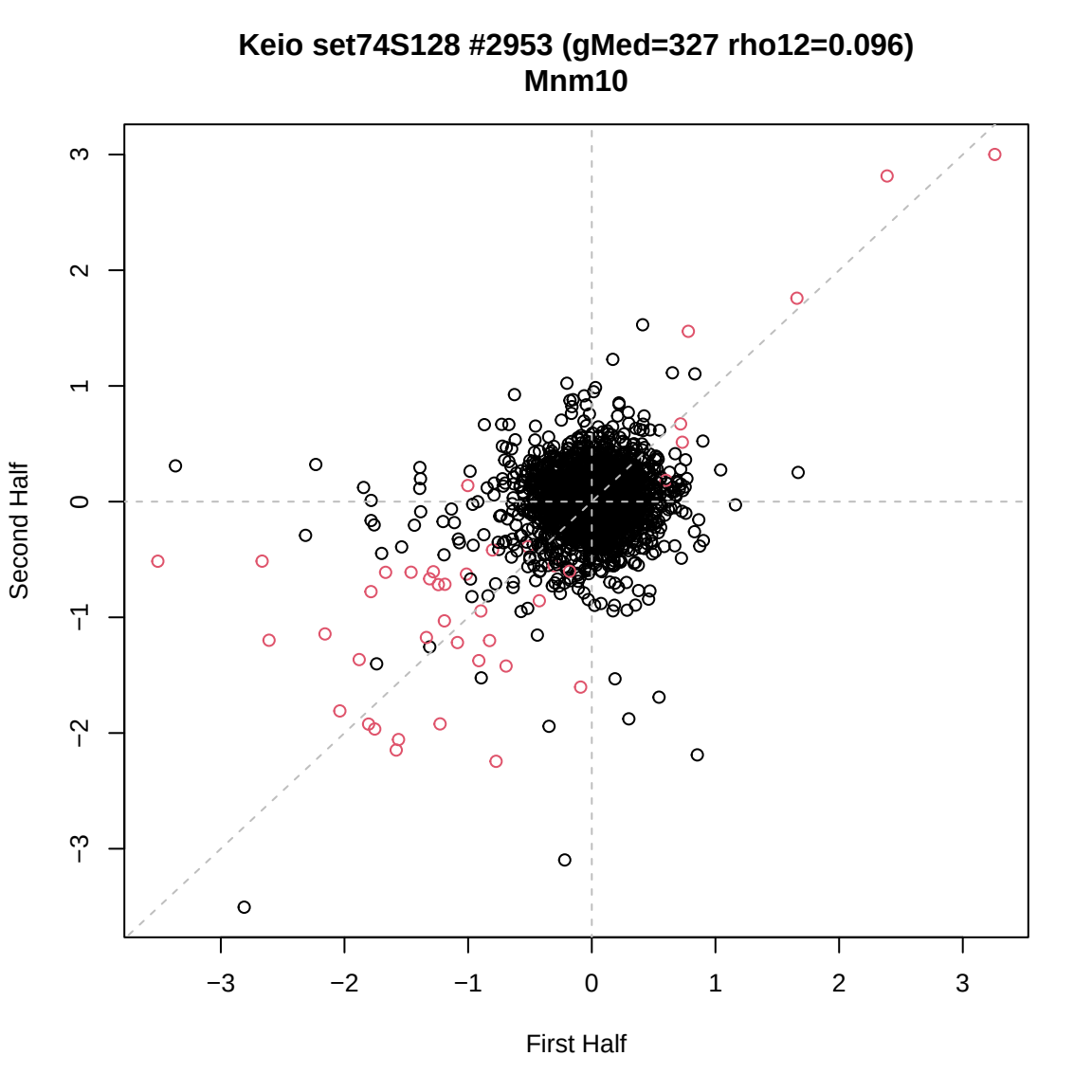

Keio set74S123 #2948 (gMed=278 rho12=0.097)
Mpec7
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

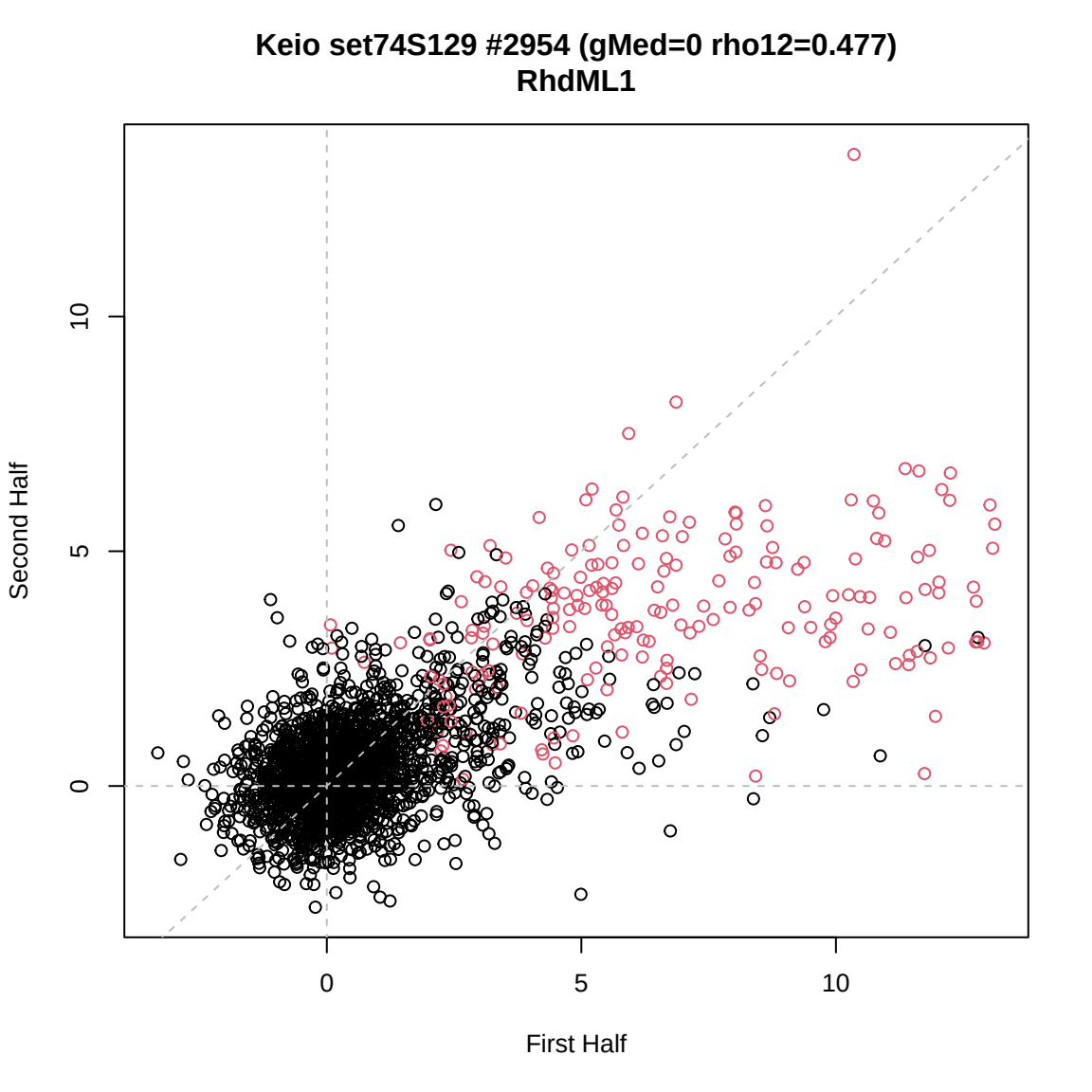

Keio set74S124 #2949 (gMed=293 rho12=0.129)
Mpec7
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−2
0
2
4

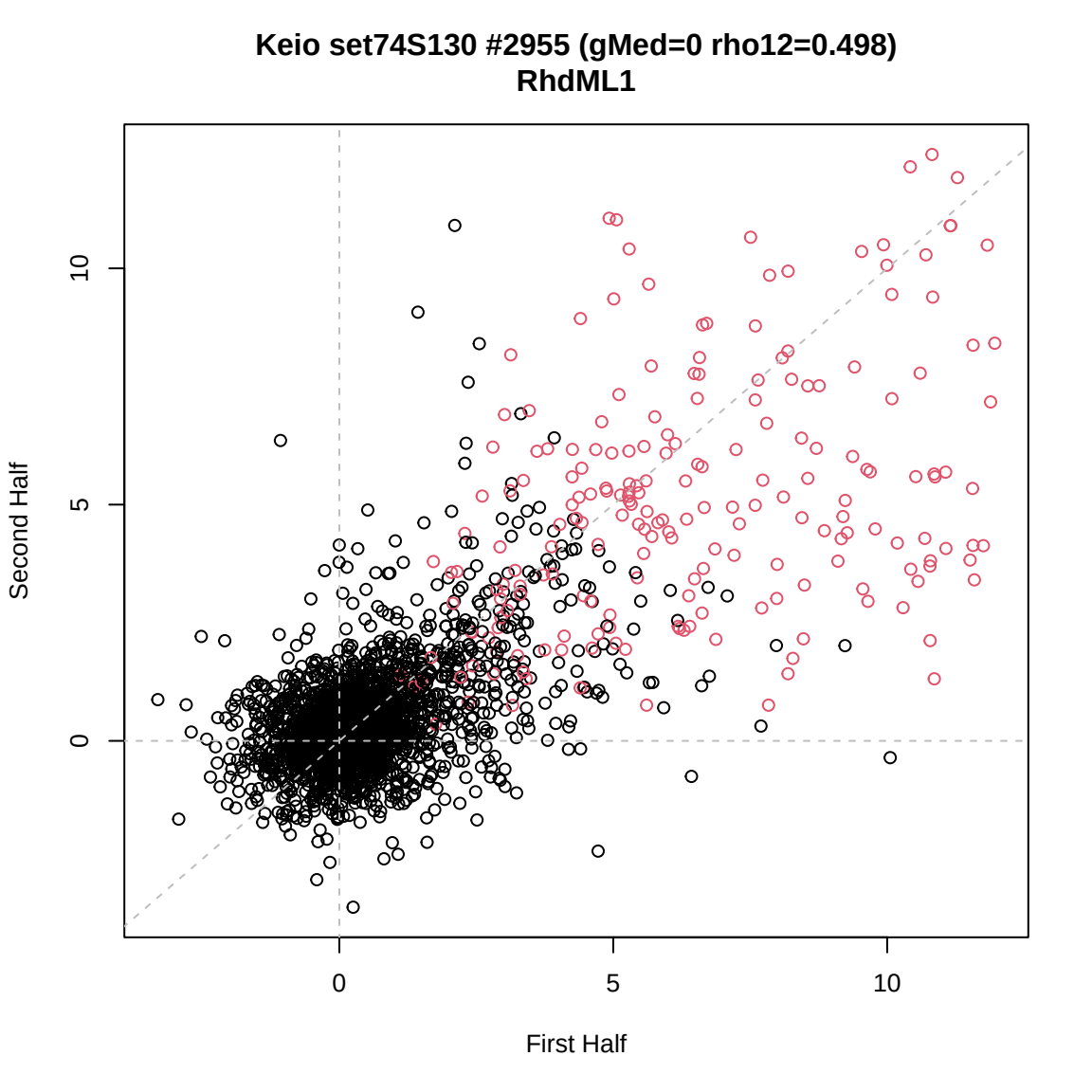

Keio set74S125 #2950 (gMed=334 rho12=0.302)
Mnm2
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

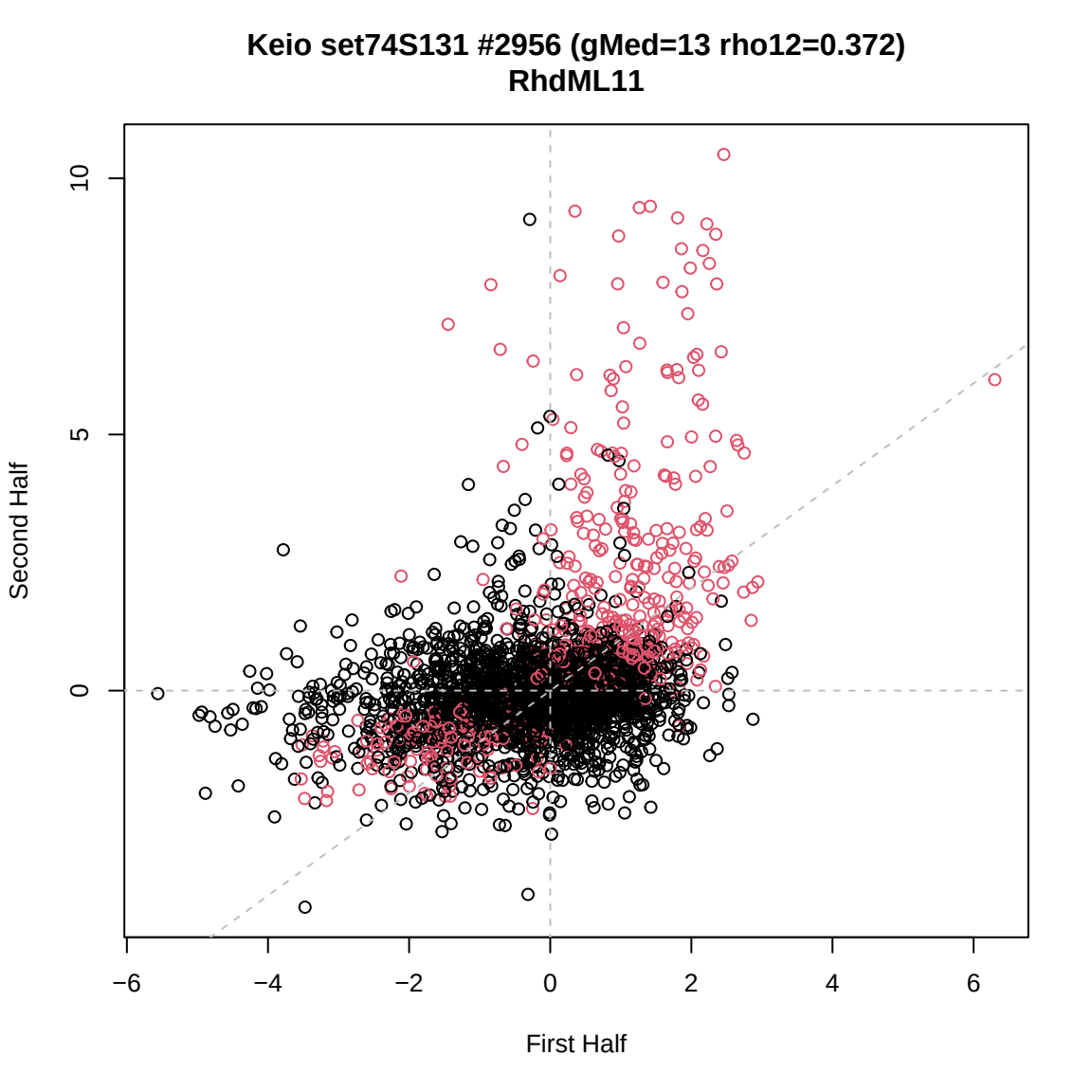

Keio set74S126 #2951 (gMed=282 rho12=0.260)
Mnm2
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

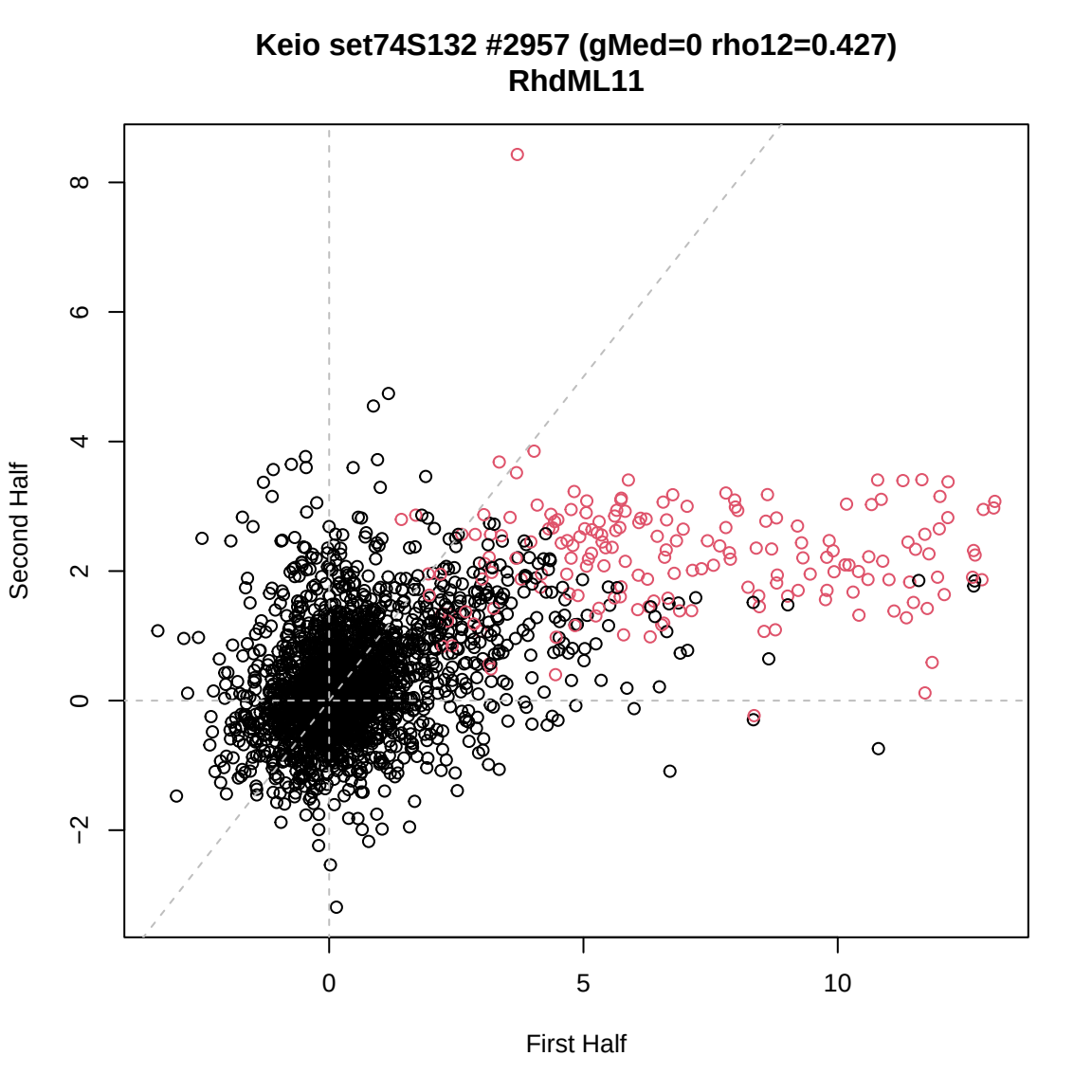

Keio set74S127 #2952 (gMed=319 rho12=0.116)
Mnm10
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

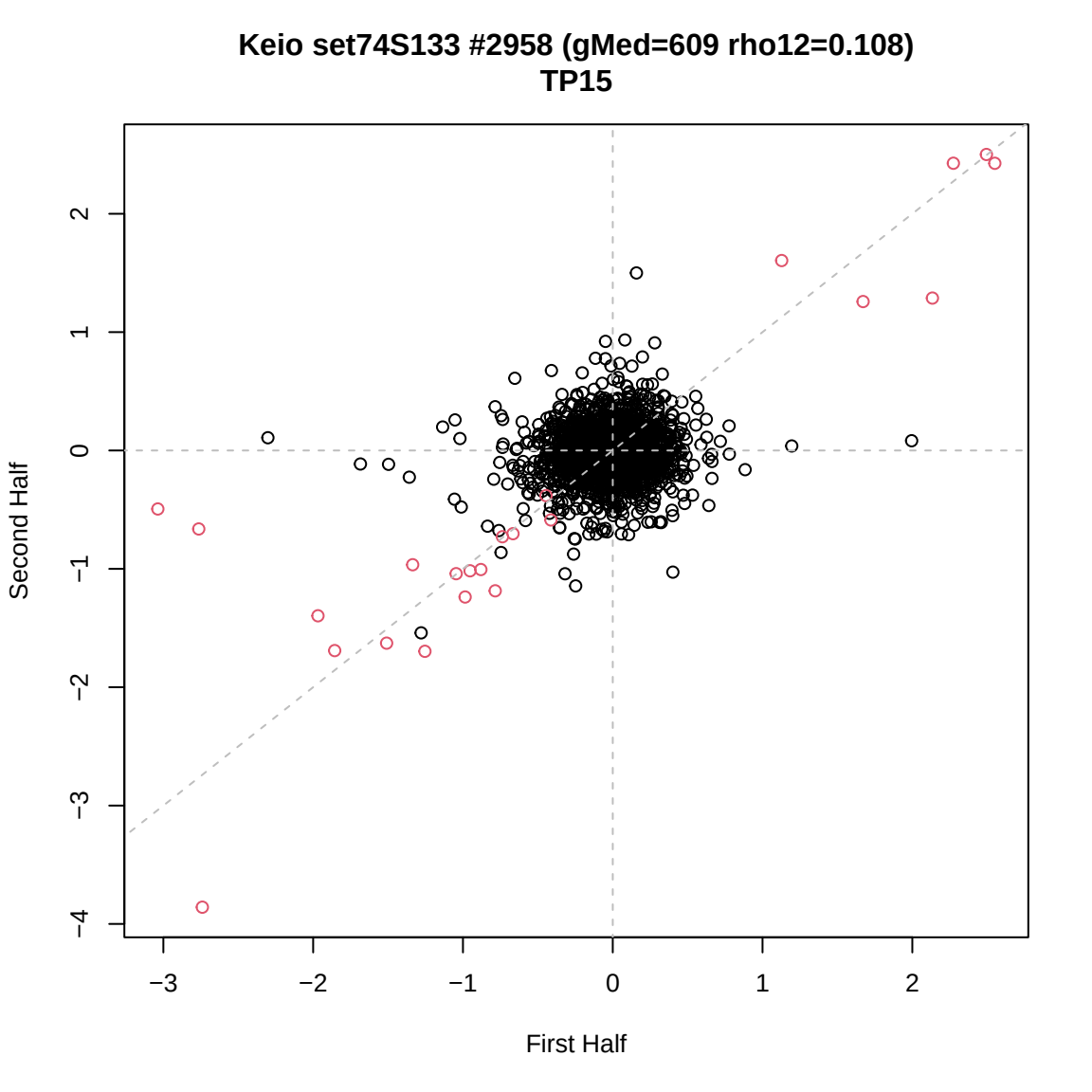

Keio set74S128 #2953 (gMed=327 rho12=0.096)
Mnm10
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

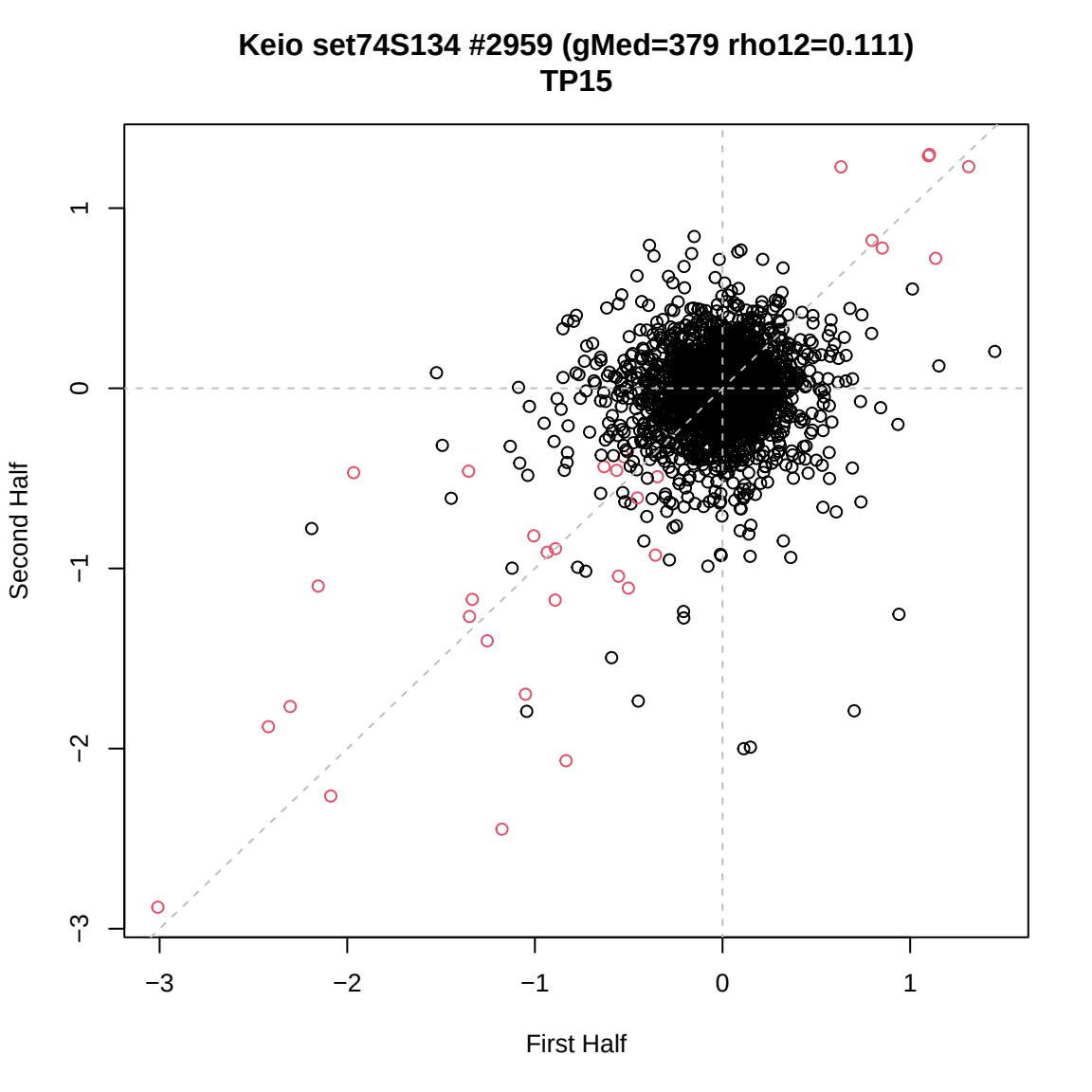

Keio set74S129 #2954 (gMed=0 rho12=0.477)
RhdML1
Second Half
First Half
0
5
10
0
5
10

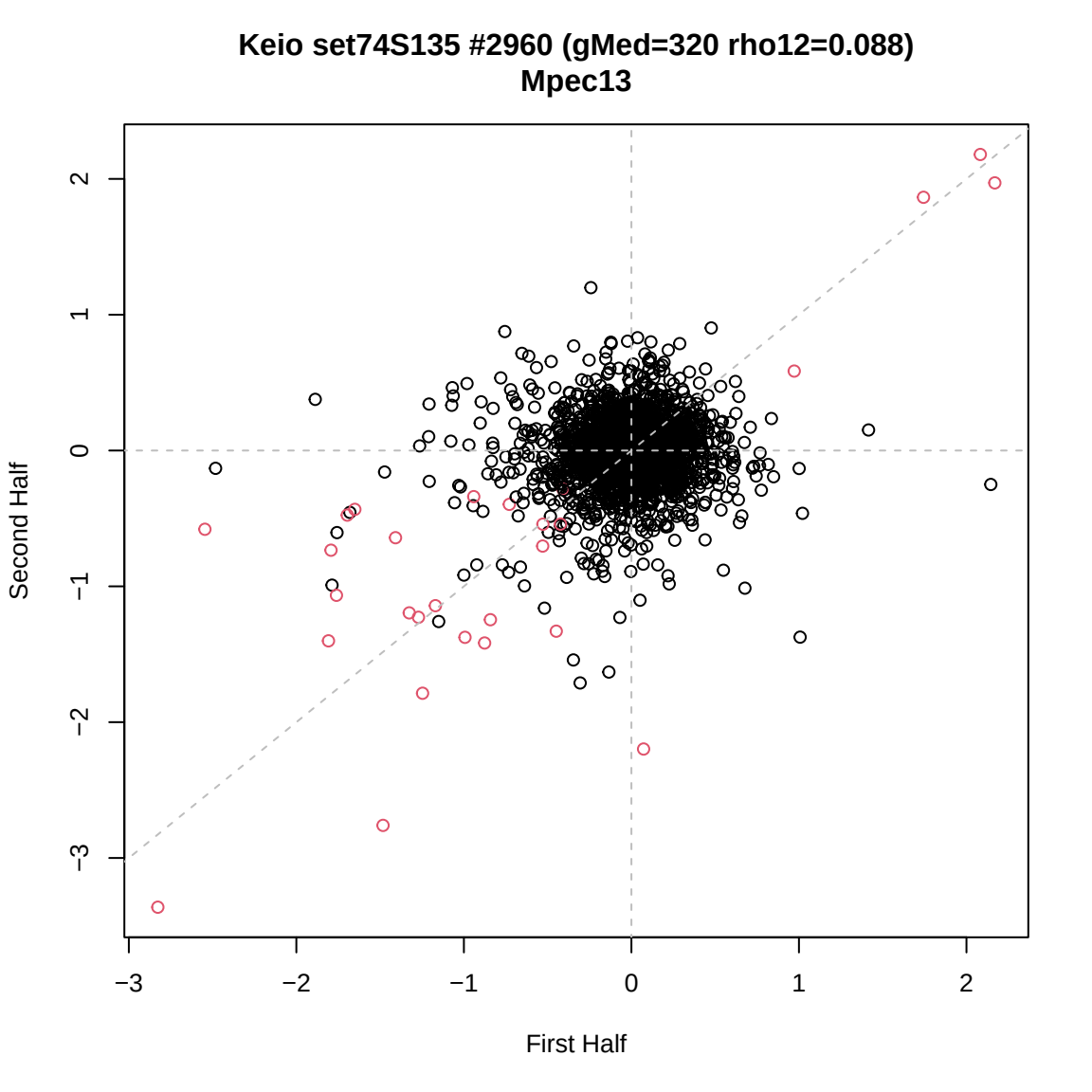

Keio set74S130 #2955 (gMed=0 rho12=0.498)
RhdML1
Second Half
First Half
0
5
10
0
5
10

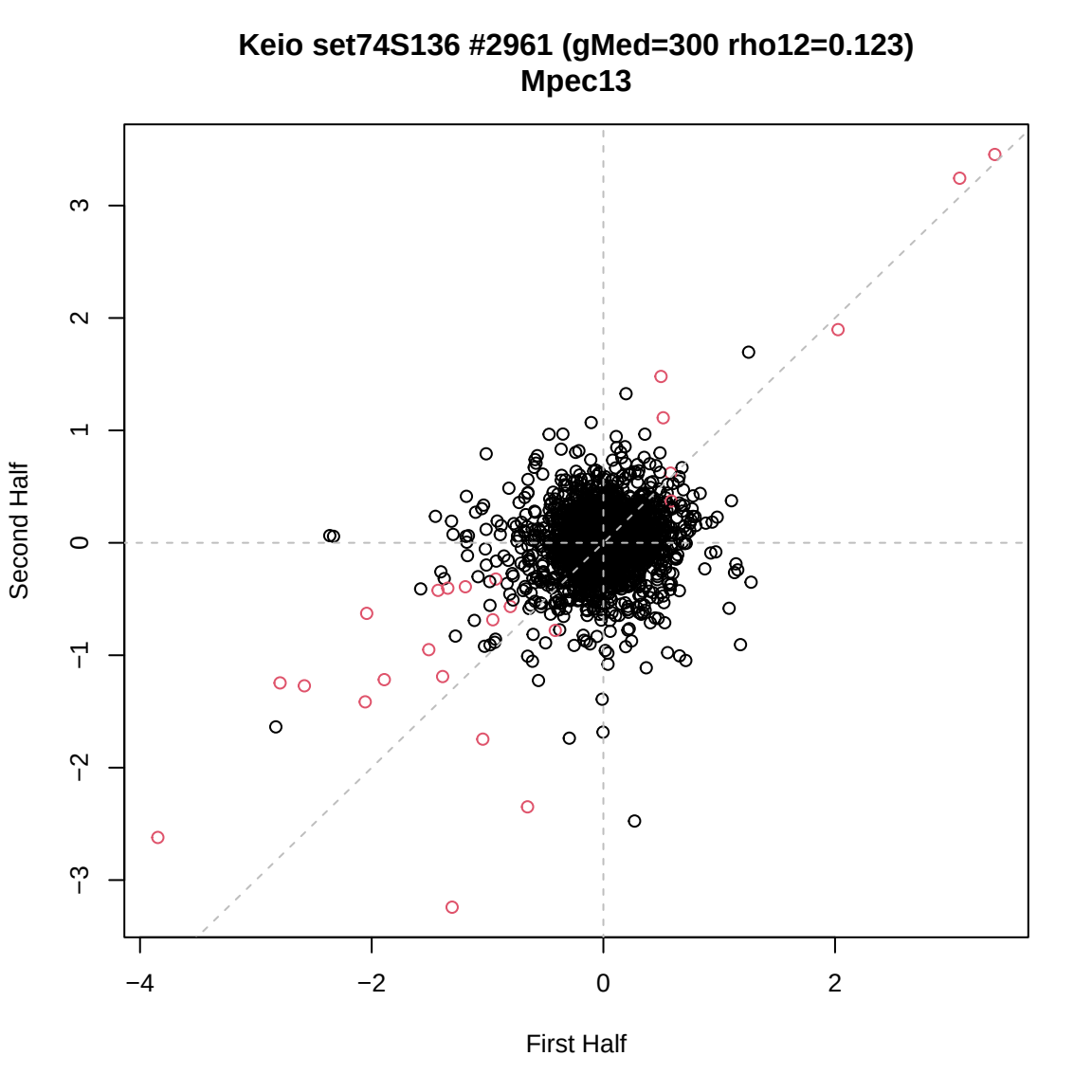

Keio set74S131 #2956 (gMed=13 rho12=0.372)
RhdML11
Second Half
First Half
10
5
0
−6
−4
−2
0
2
4
6

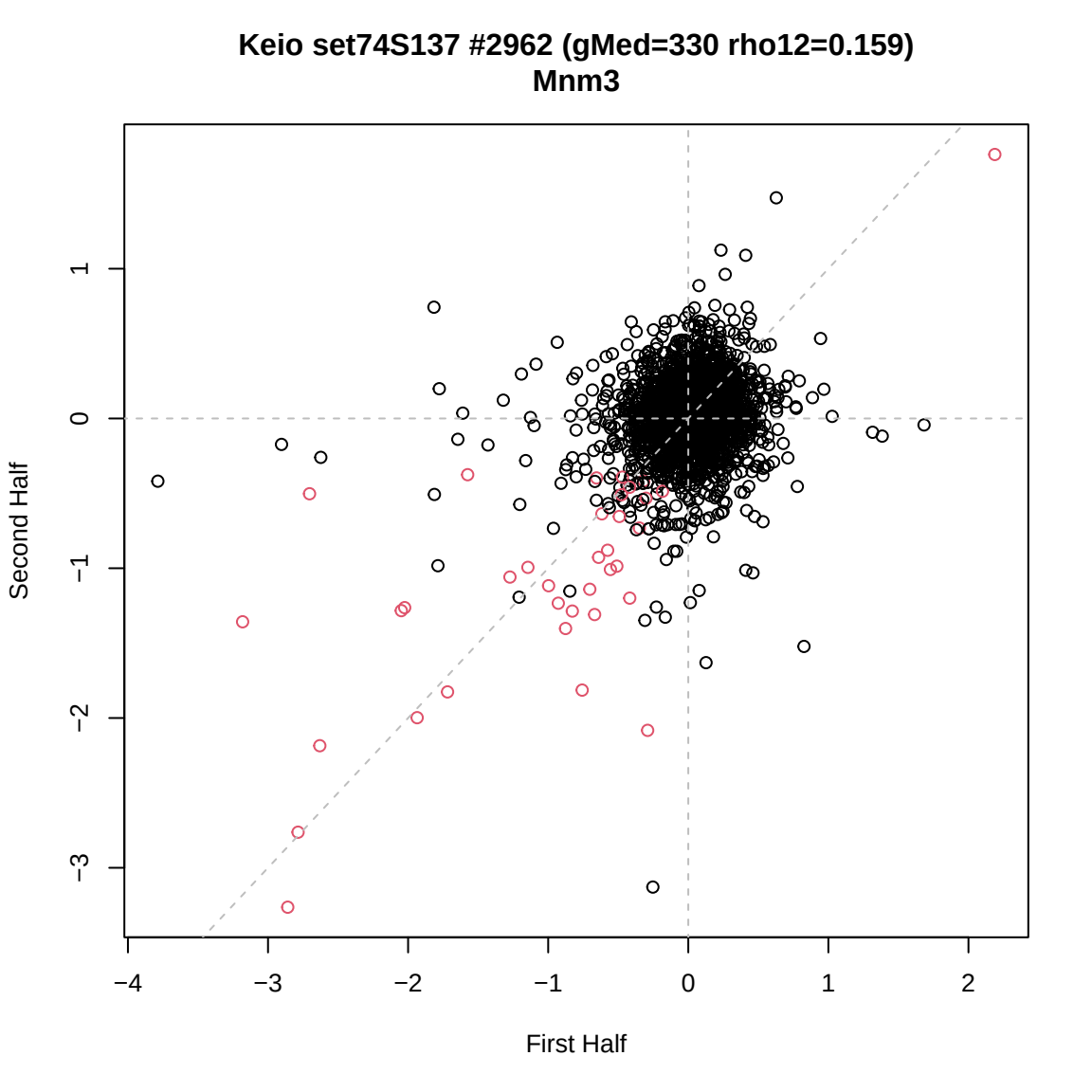

Keio set74S132 #2957 (gMed=0 rho12=0.427)
RhdML11
Second Half
First Half
8
6
4
2
0
−2
0
5
10

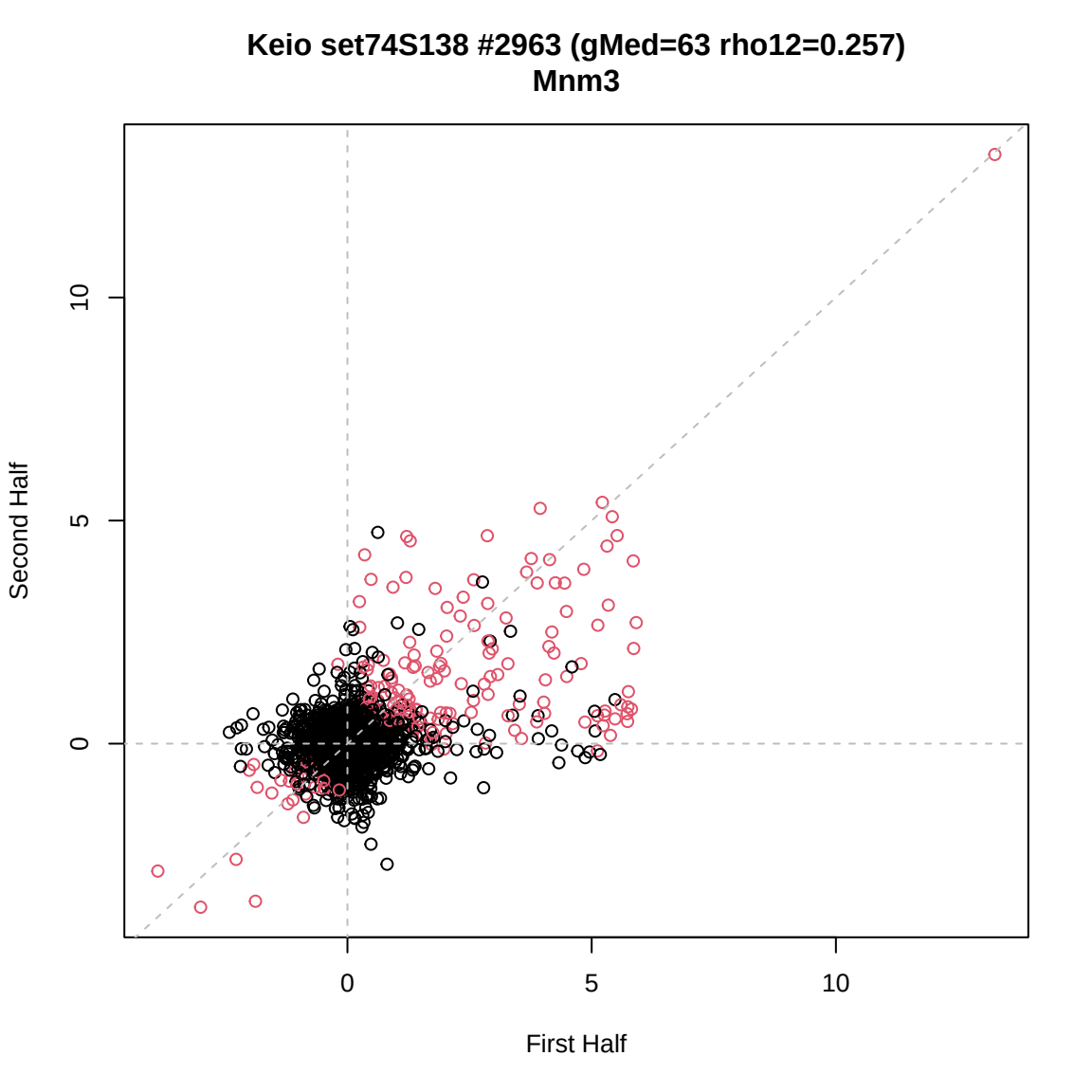

Keio set74S133 #2958 (gMed=609 rho12=0.108)
TP15
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

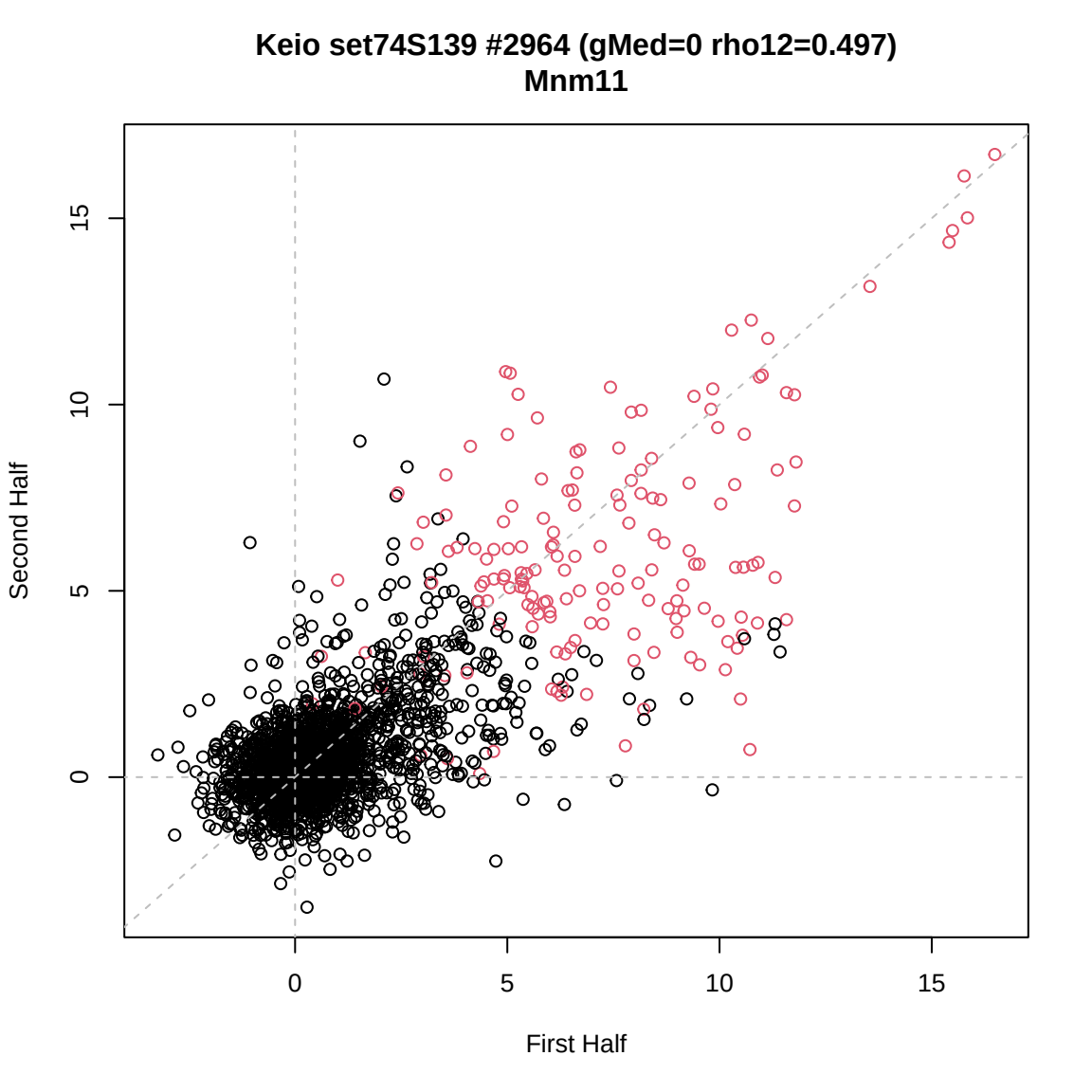

Keio set74S134 #2959 (gMed=379 rho12=0.111)
TP15
Second Half
First Half
−3
−2
−1
0
1

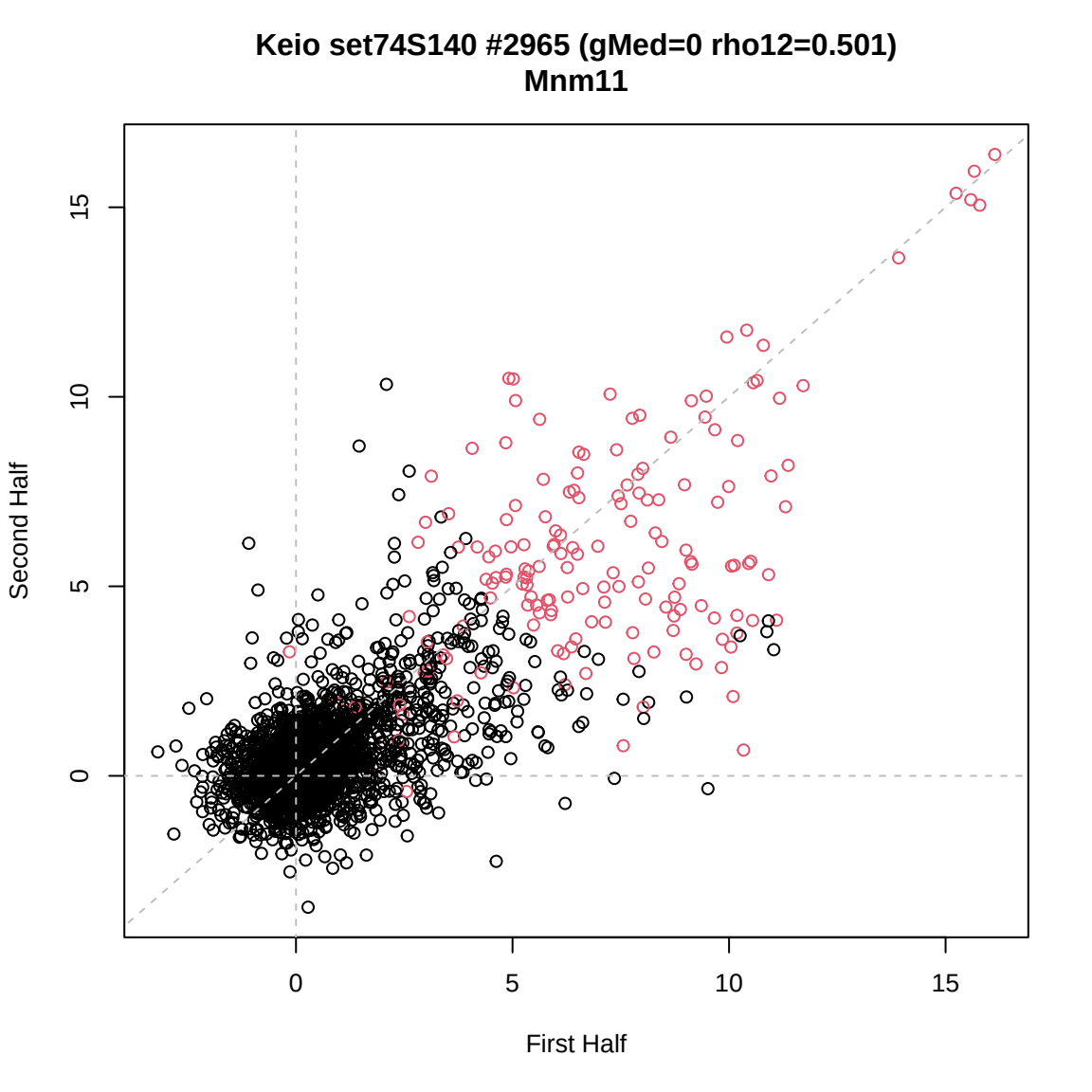

Keio set74S135 #2960 (gMed=320 rho12=0.088)
Mpec13
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

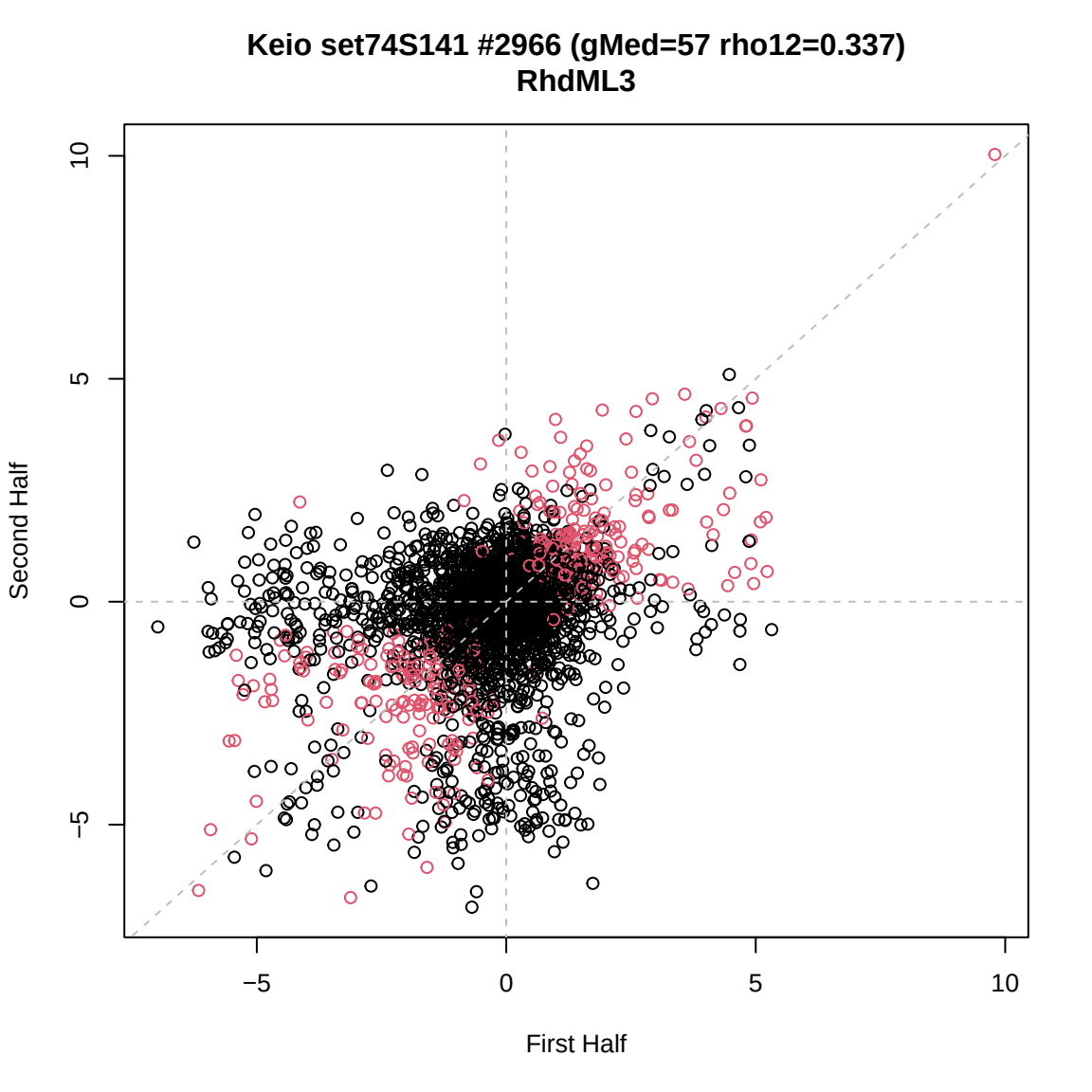

Keio set74S136 #2961 (gMed=300 rho12=0.123)
Mpec13
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−2
0
2

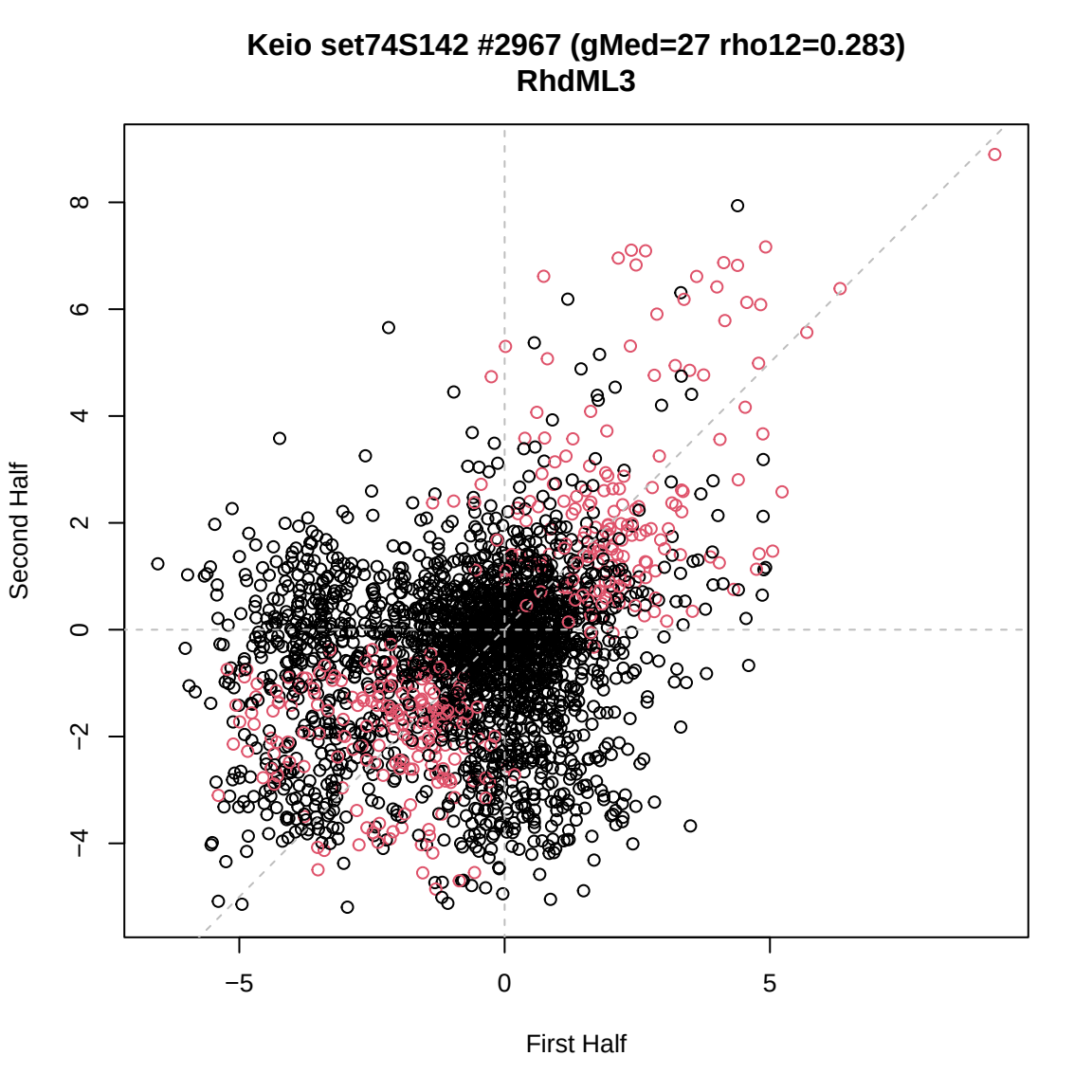

Keio set74S137 #2962 (gMed=330 rho12=0.159)
Mnm3
Second Half
First Half
−4
−3
−2
−1
0
1
2
−3
−2
−1
0
1

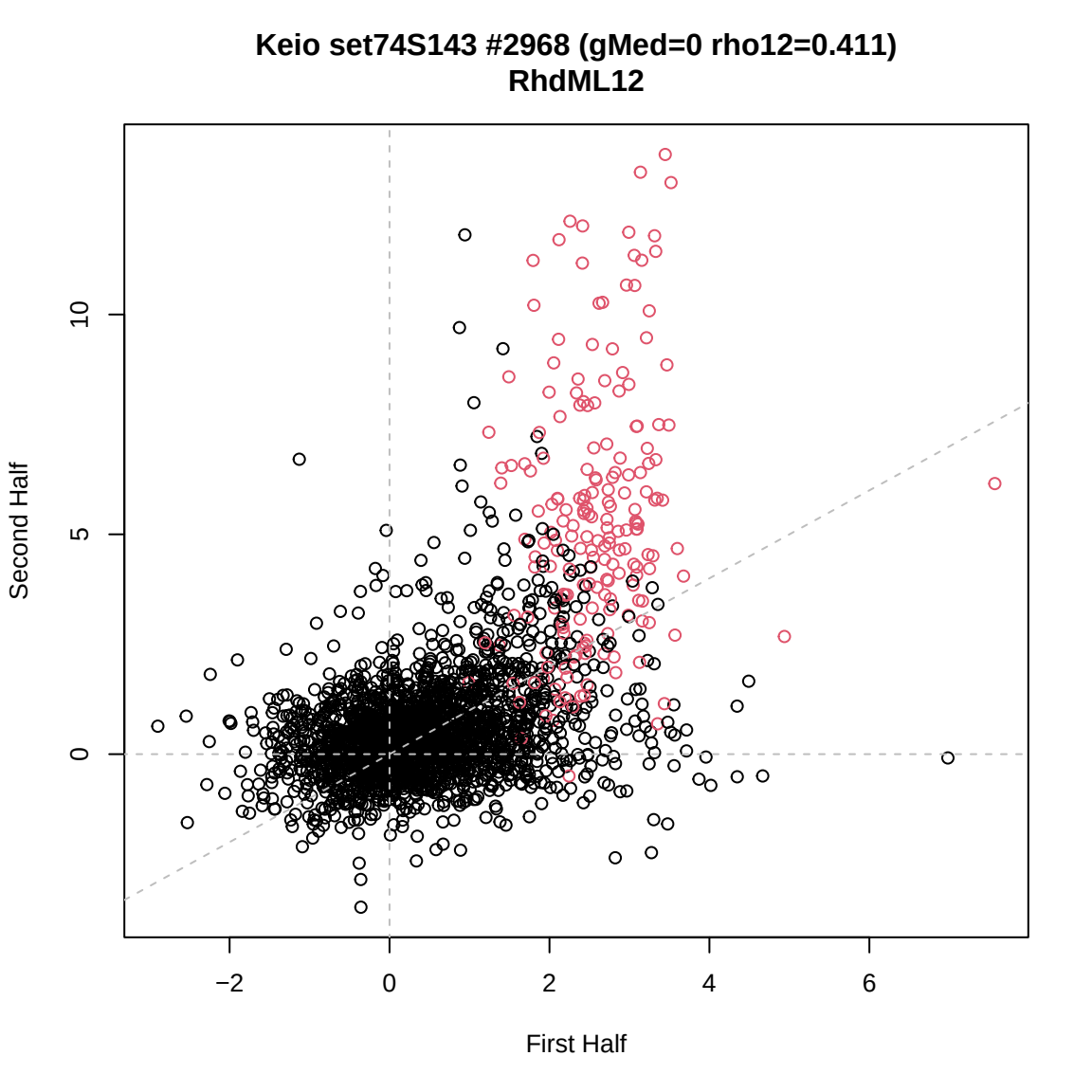

Keio set74S138 #2963 (gMed=63 rho12=0.257)
Mnm3
Second Half
First Half
0
5
10
0
5
10

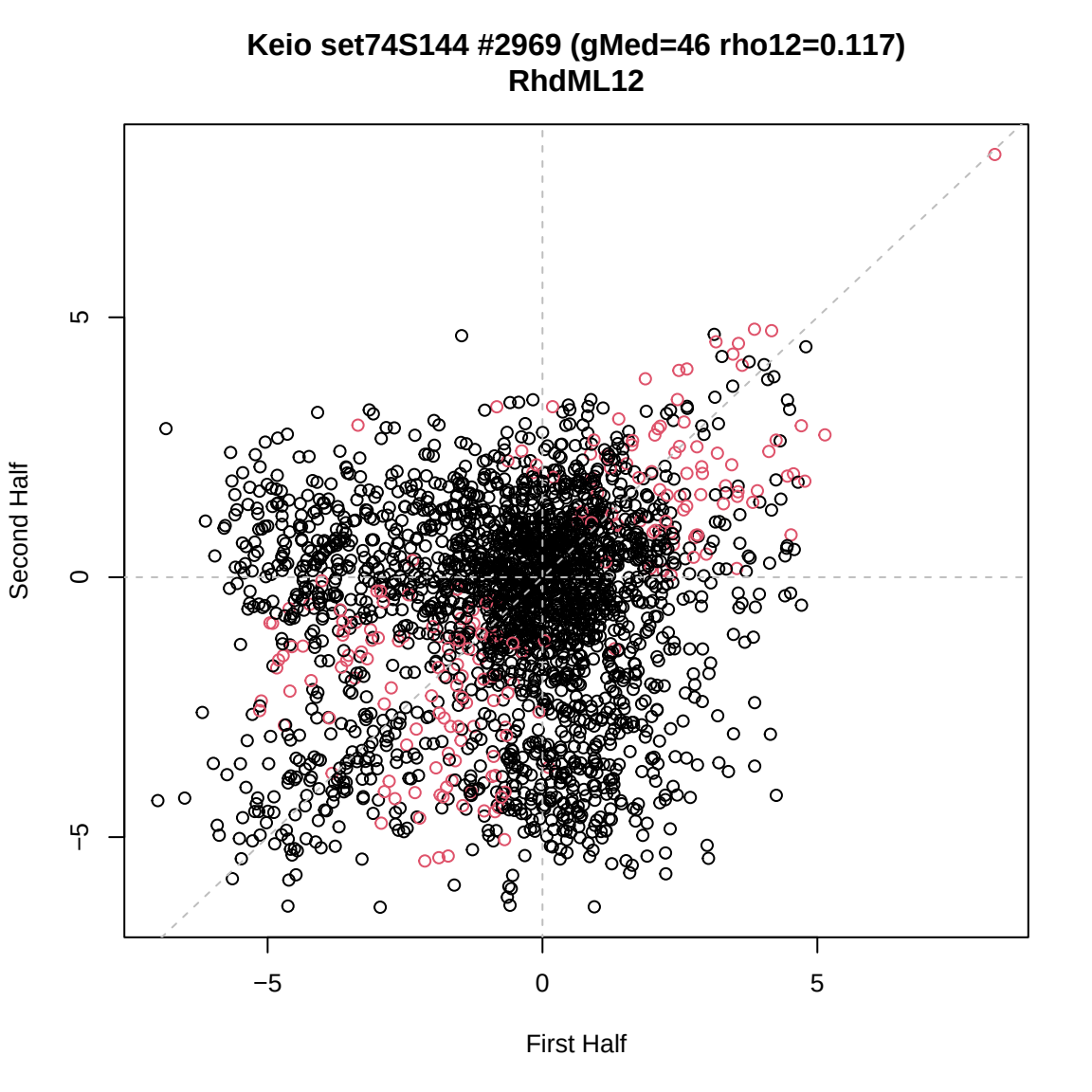

Keio set74S139 #2964 (gMed=0 rho12=0.497)
Mnm11
Second Half
First Half
0
5
10
15

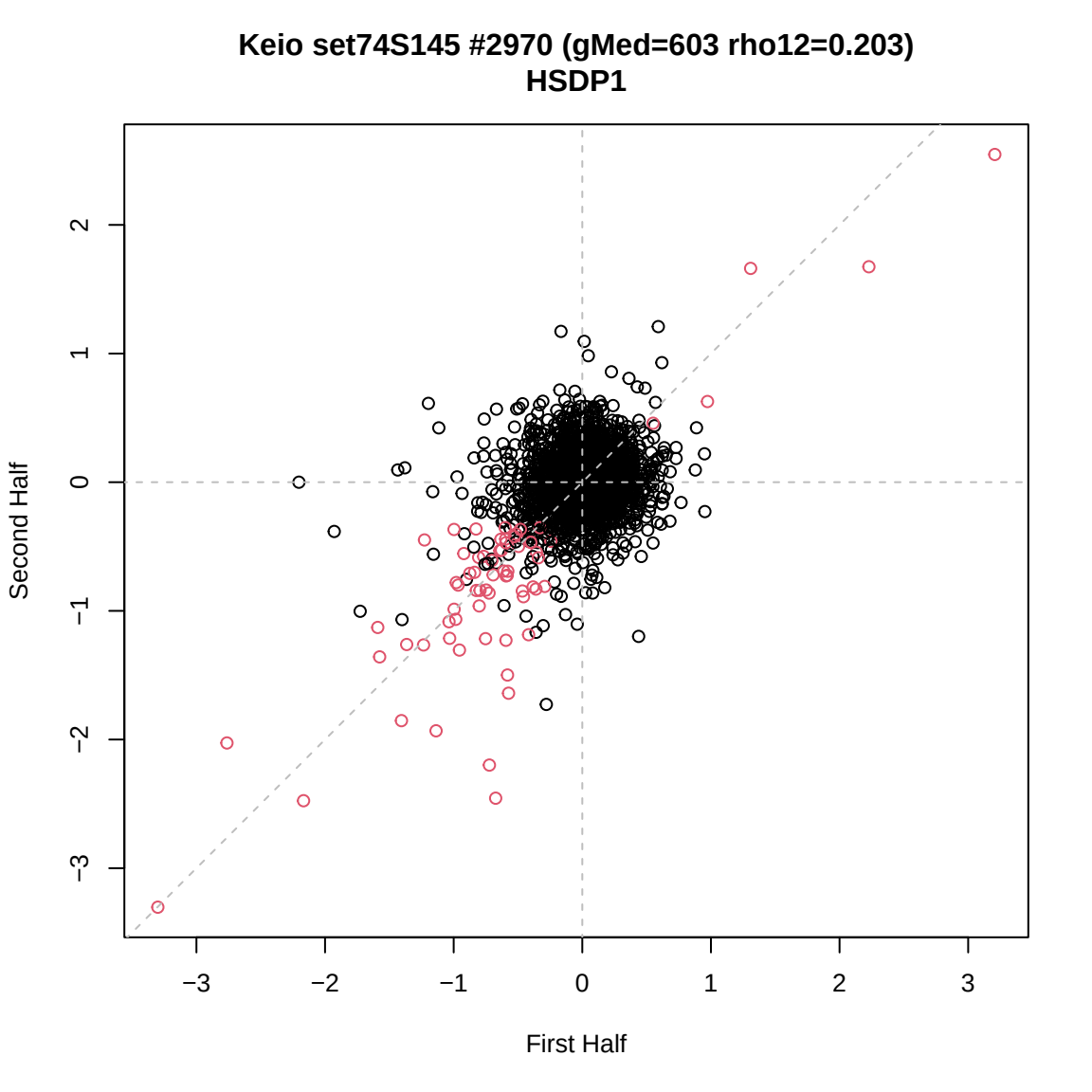

Keio set74S140 #2965 (gMed=0 rho12=0.501)
Mnm11
Second Half
First Half
0
5
10
15

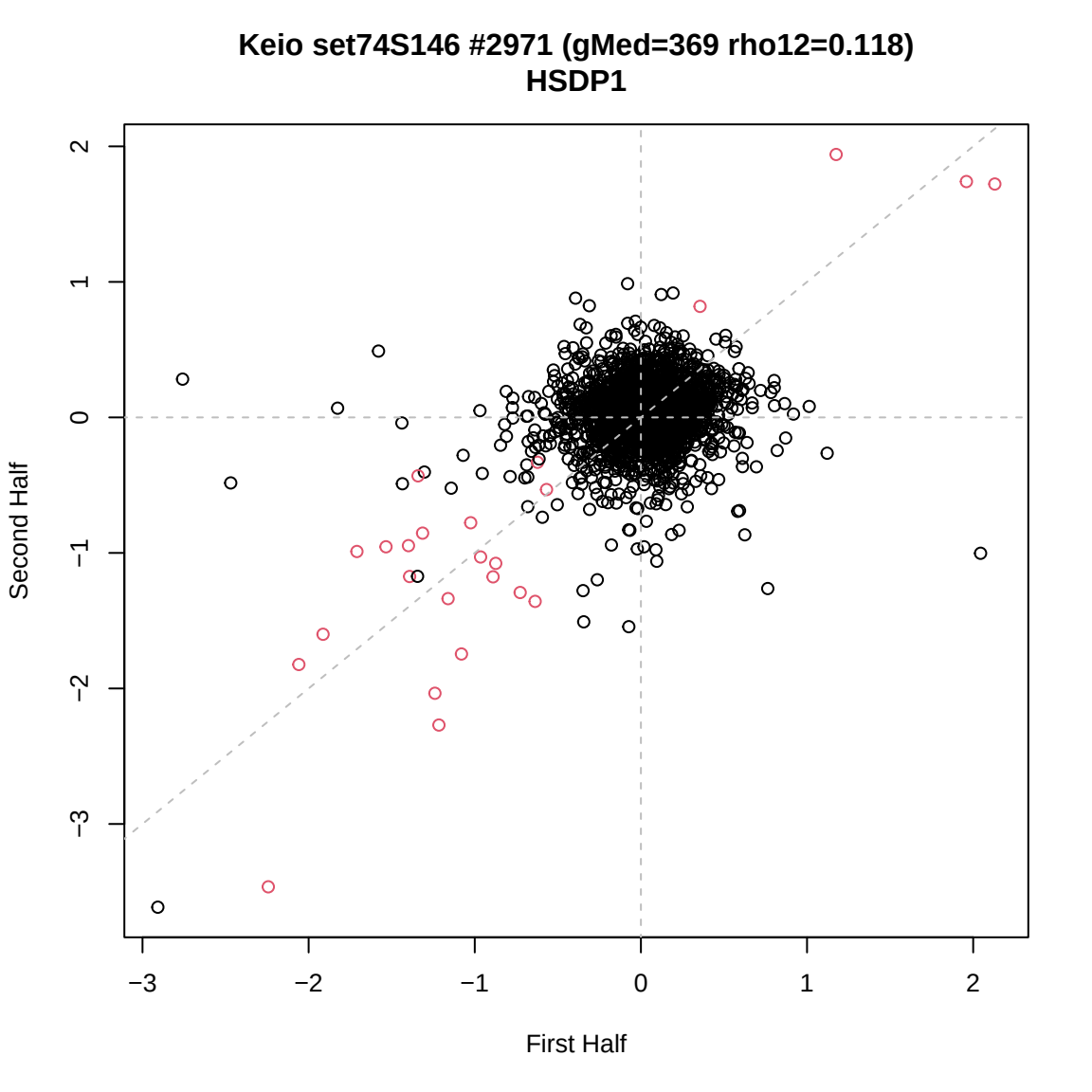

Keio set74S141 #2966 (gMed=57 rho12=0.337)
RhdML3
Second Half
First Half
10
5
0
−5
−5
0
5
10

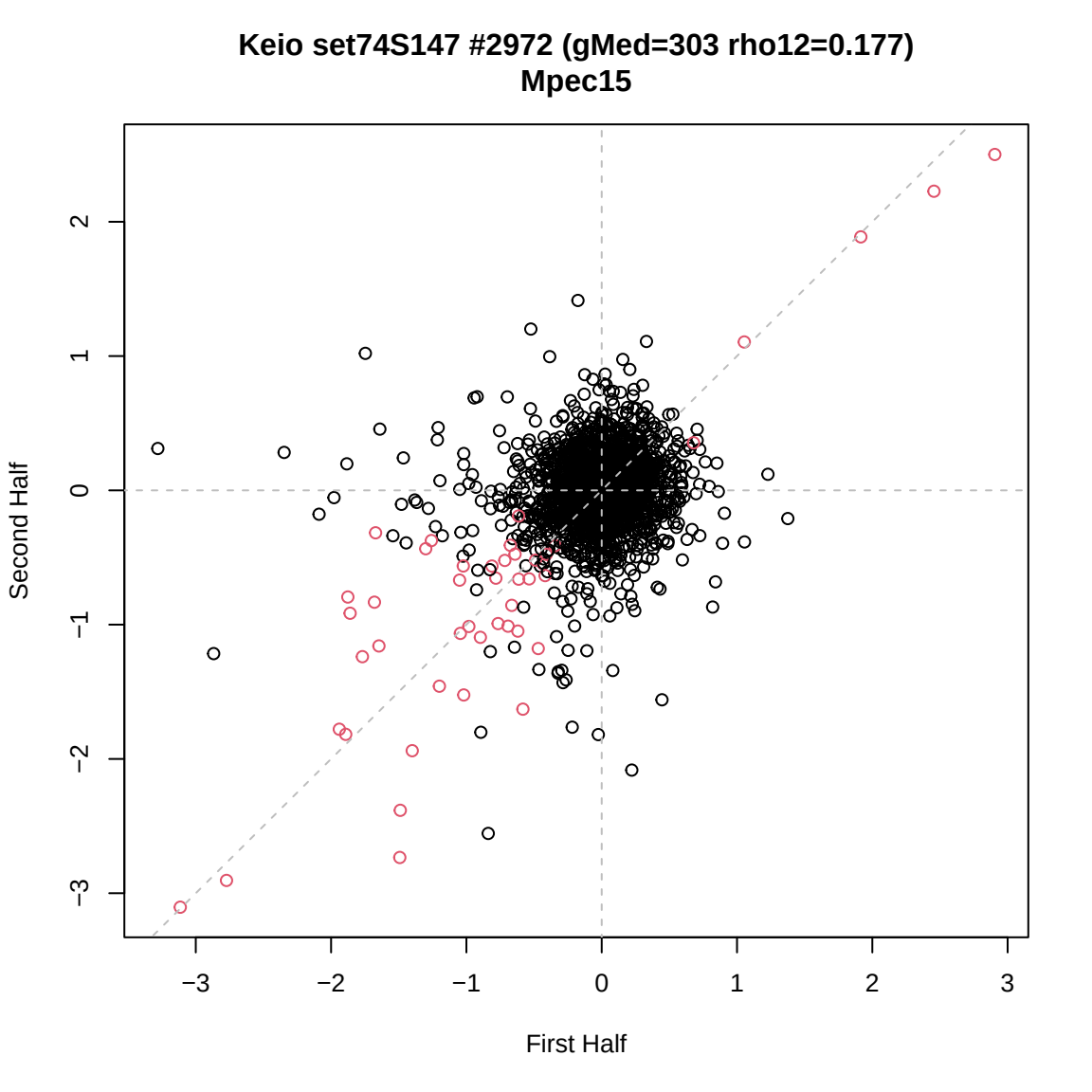

Keio set74S142 #2967 (gMed=27 rho12=0.283)
RhdML3
Second Half
First Half
8
6
4
2
0
−2
−4
−5
0
5

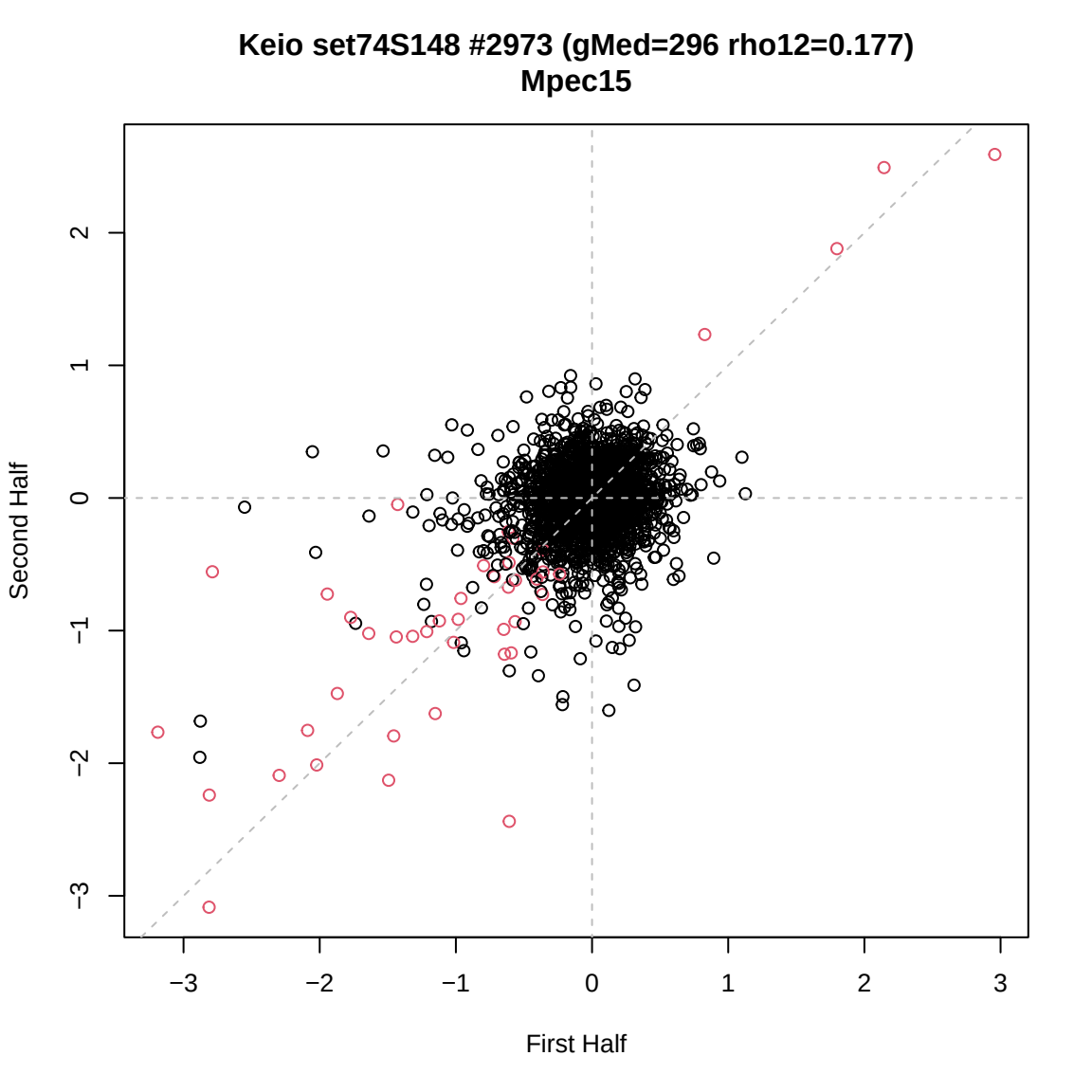

Keio set74S143 #2968 (gMed=0 rho12=0.411)
RhdML12
Second Half
First Half
10
5
0
−2
0
2
4
6

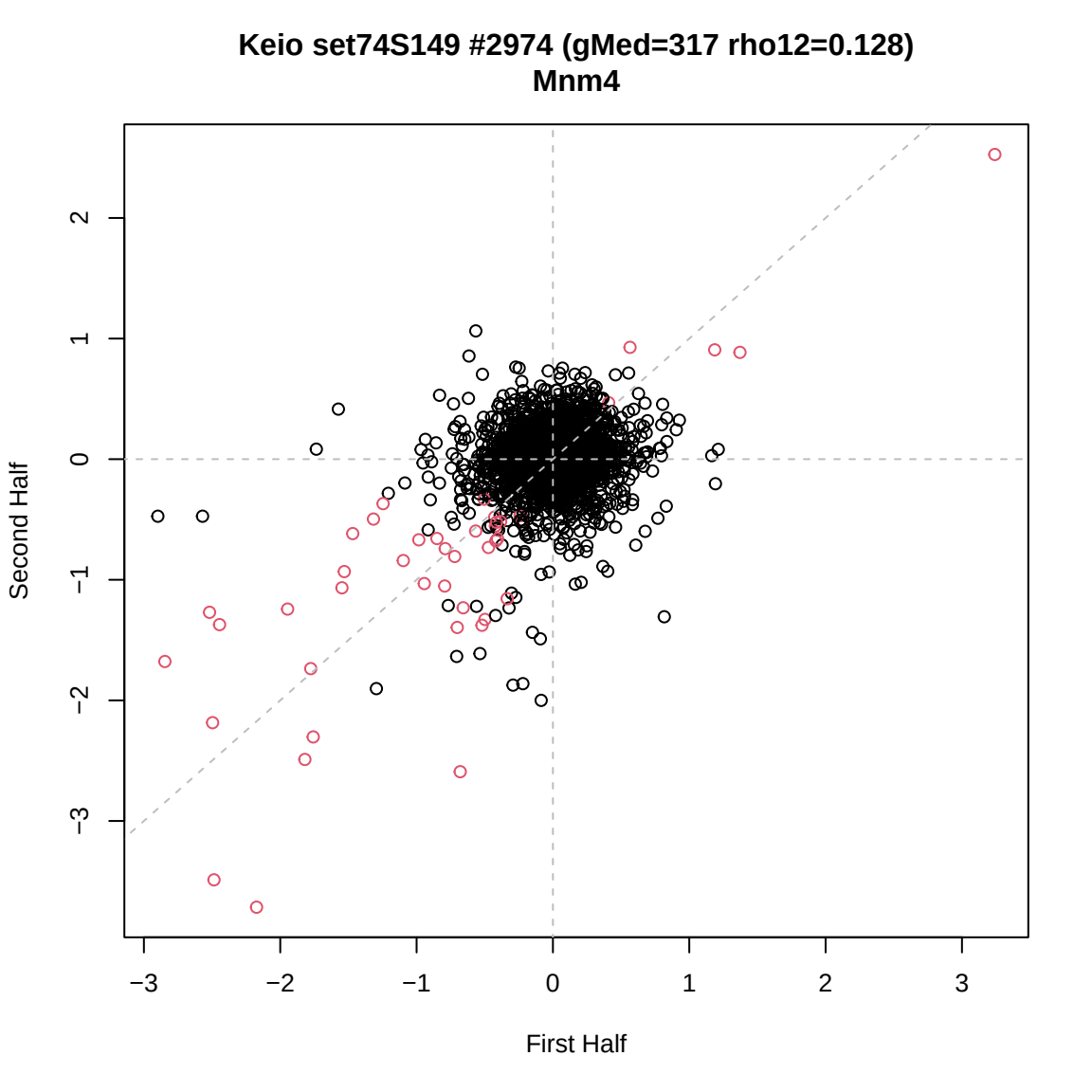

Keio set74S144 #2969 (gMed=46 rho12=0.117)
RhdML12
Second Half
First Half
5
0
−5
−5
0
5

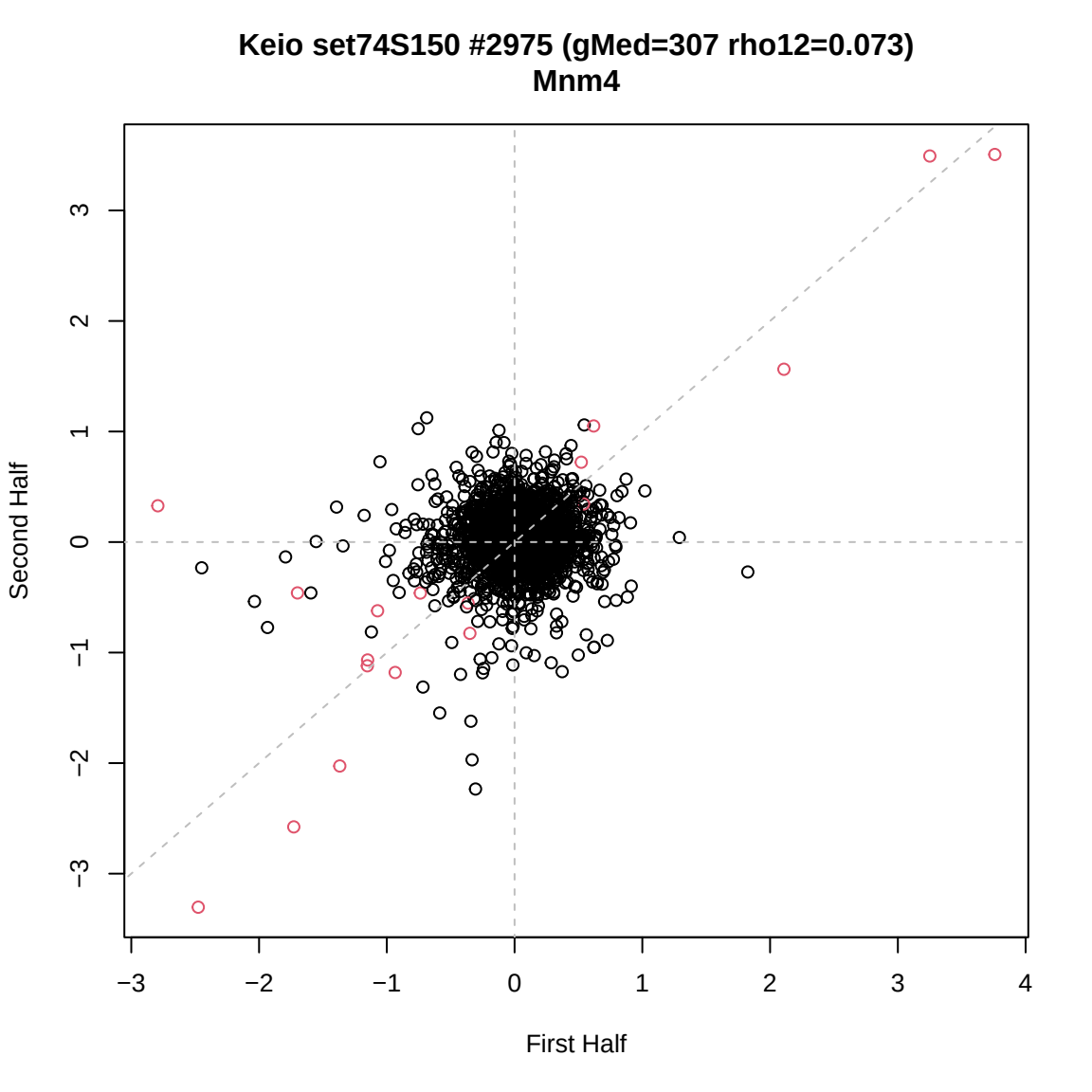

Keio set74S145 #2970 (gMed=603 rho12=0.203)
HSDP1
Second Half
First Half
−3
−2
−1
0
1
2
3

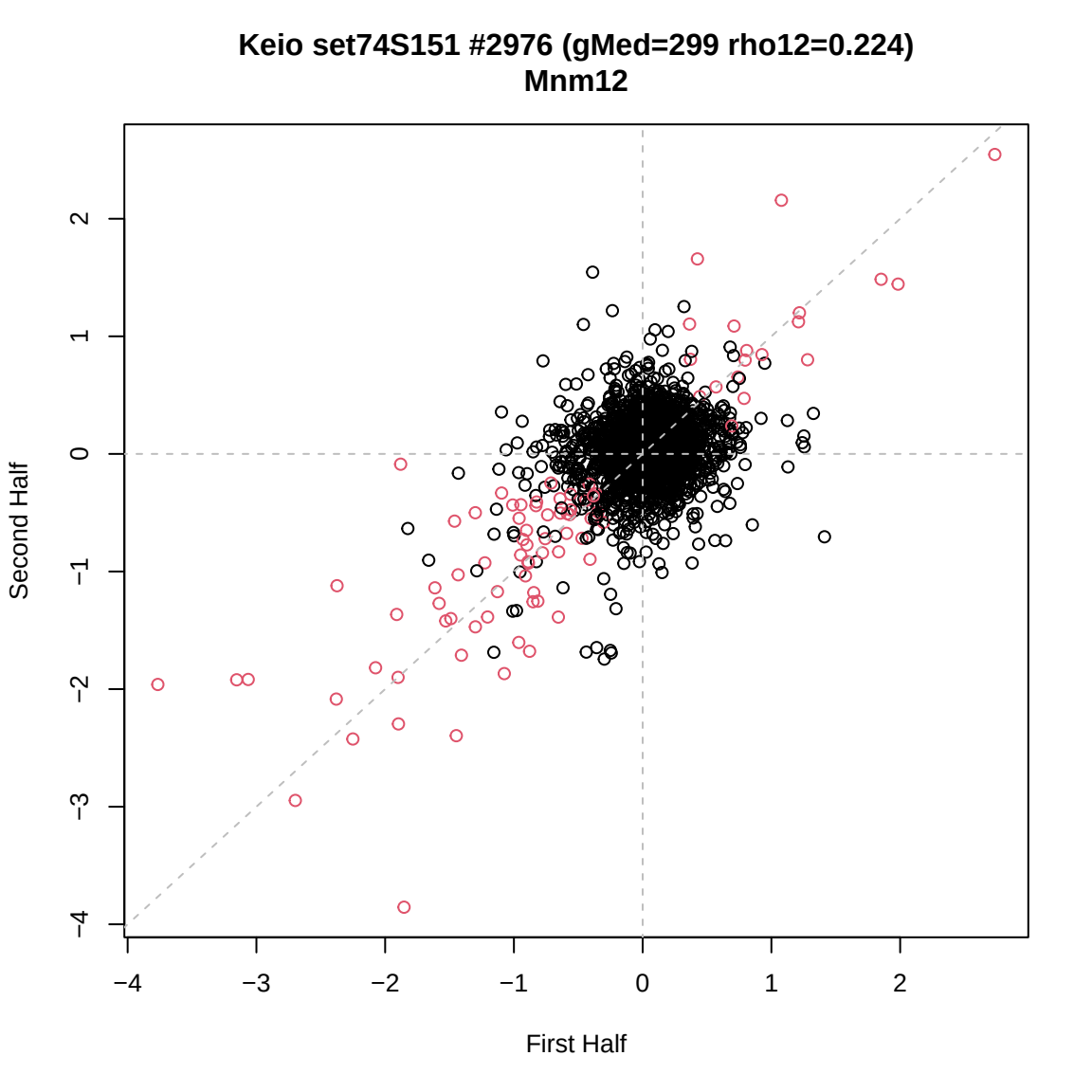

Keio set74S146 #2971 (gMed=369 rho12=0.118)
HSDP1
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

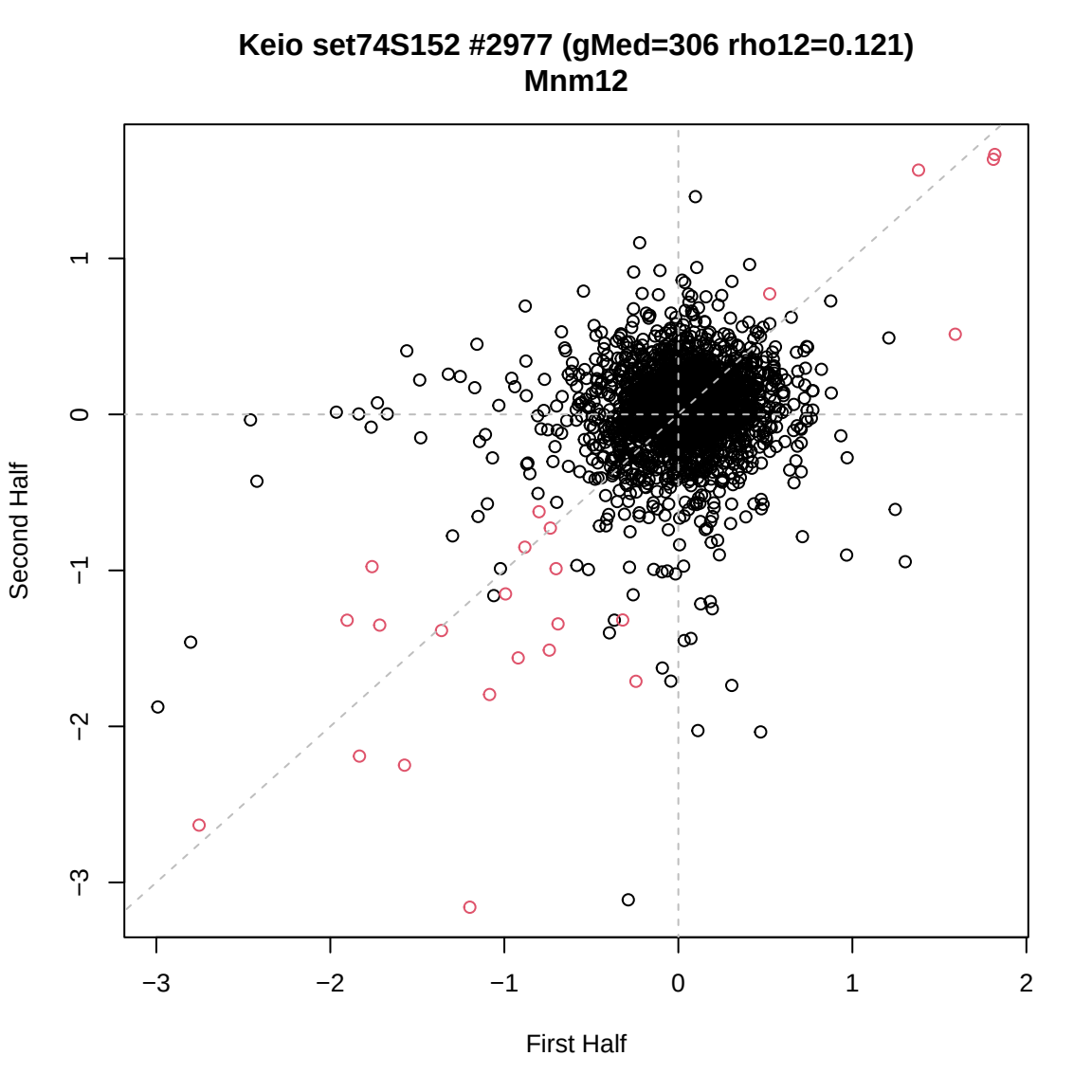

Keio set74S147 #2972 (gMed=303 rho12=0.177)
Mpec15
Second Half
First Half
−3
−2
−1
0
1
2
3

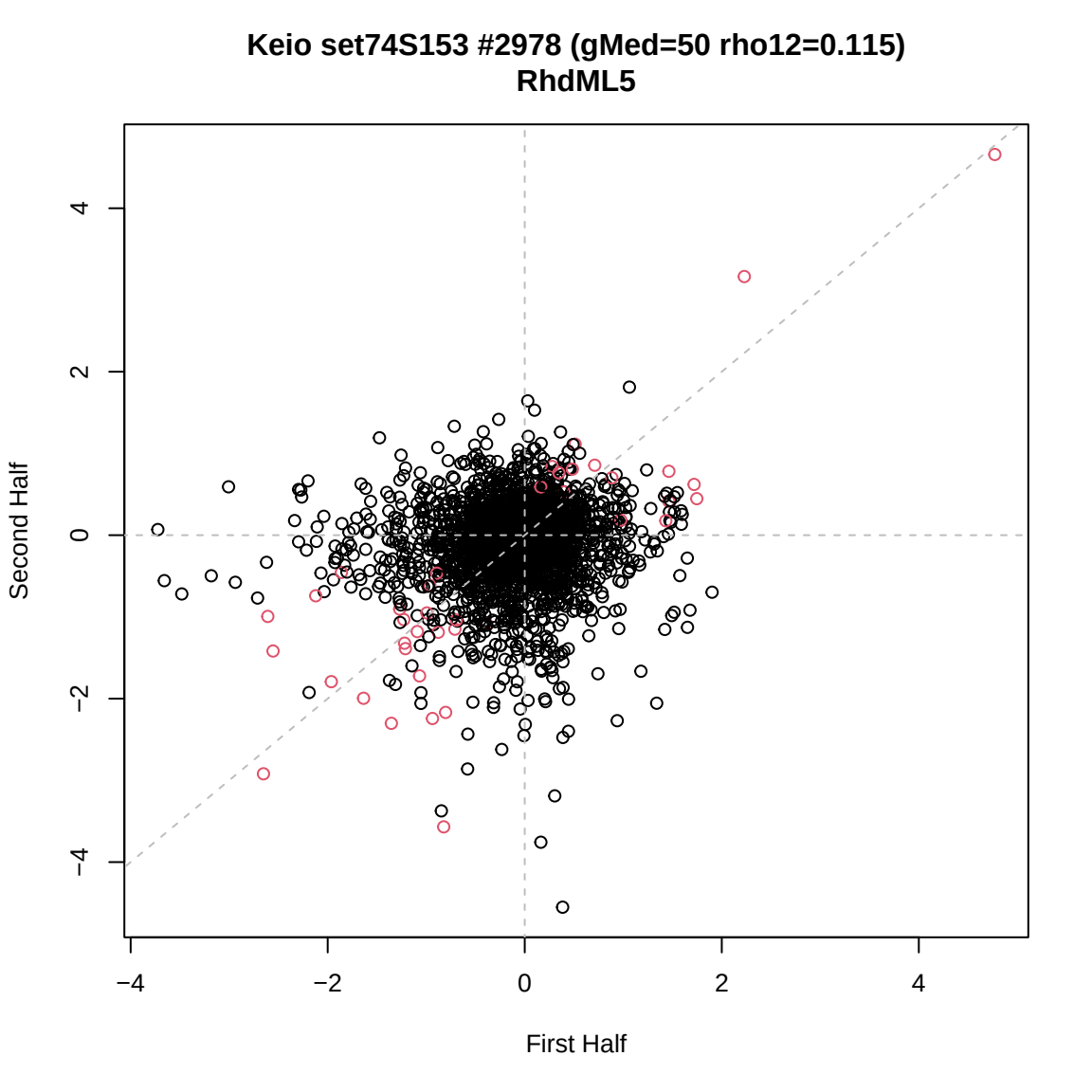

Keio set74S148 #2973 (gMed=296 rho12=0.177)
Mpec15
Second Half
First Half
−3
−2
−1
0
1
2
3

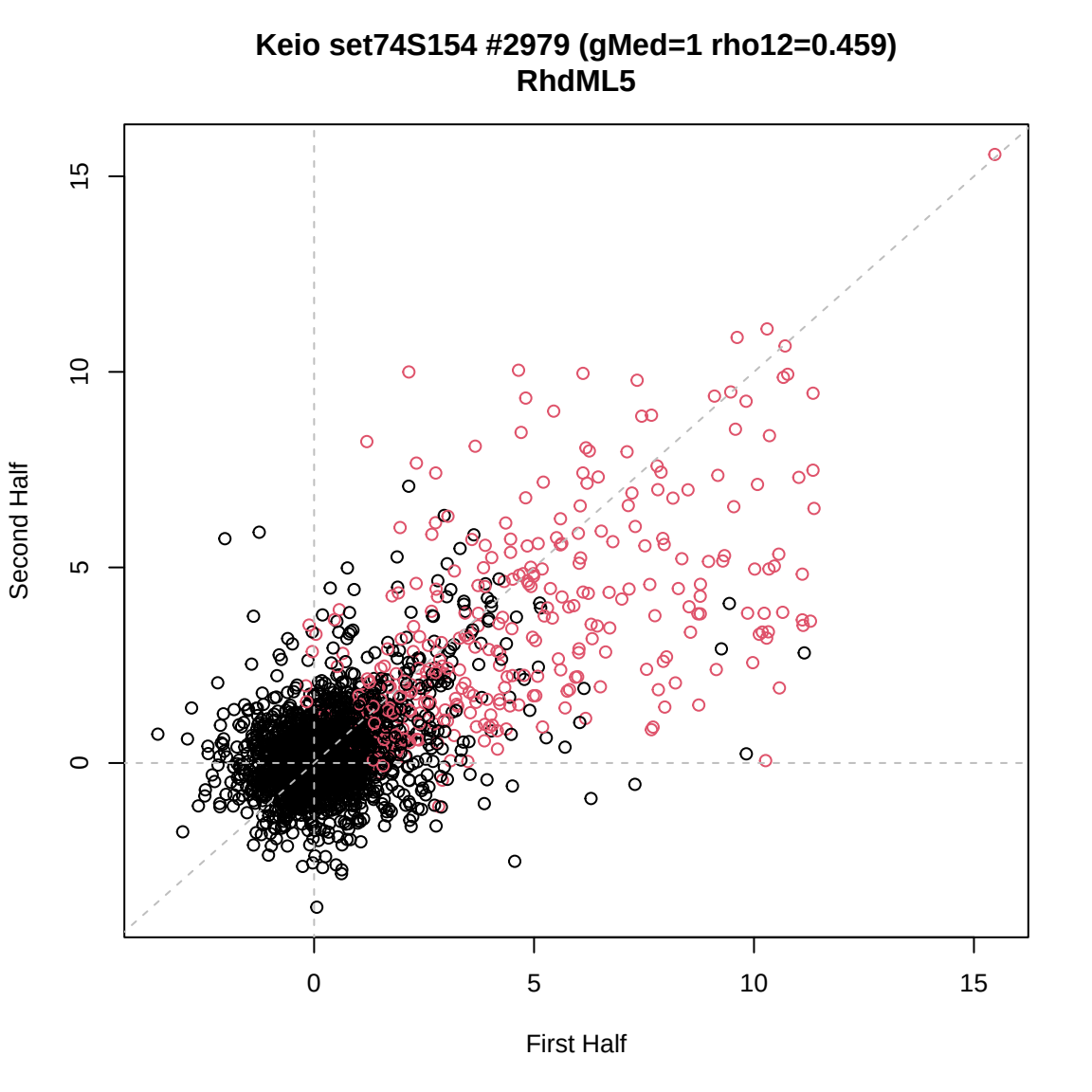

Keio set74S149 #2974 (gMed=317 rho12=0.128)
Mnm4
Second Half
First Half
−3
−2
−1
0
1
2
3

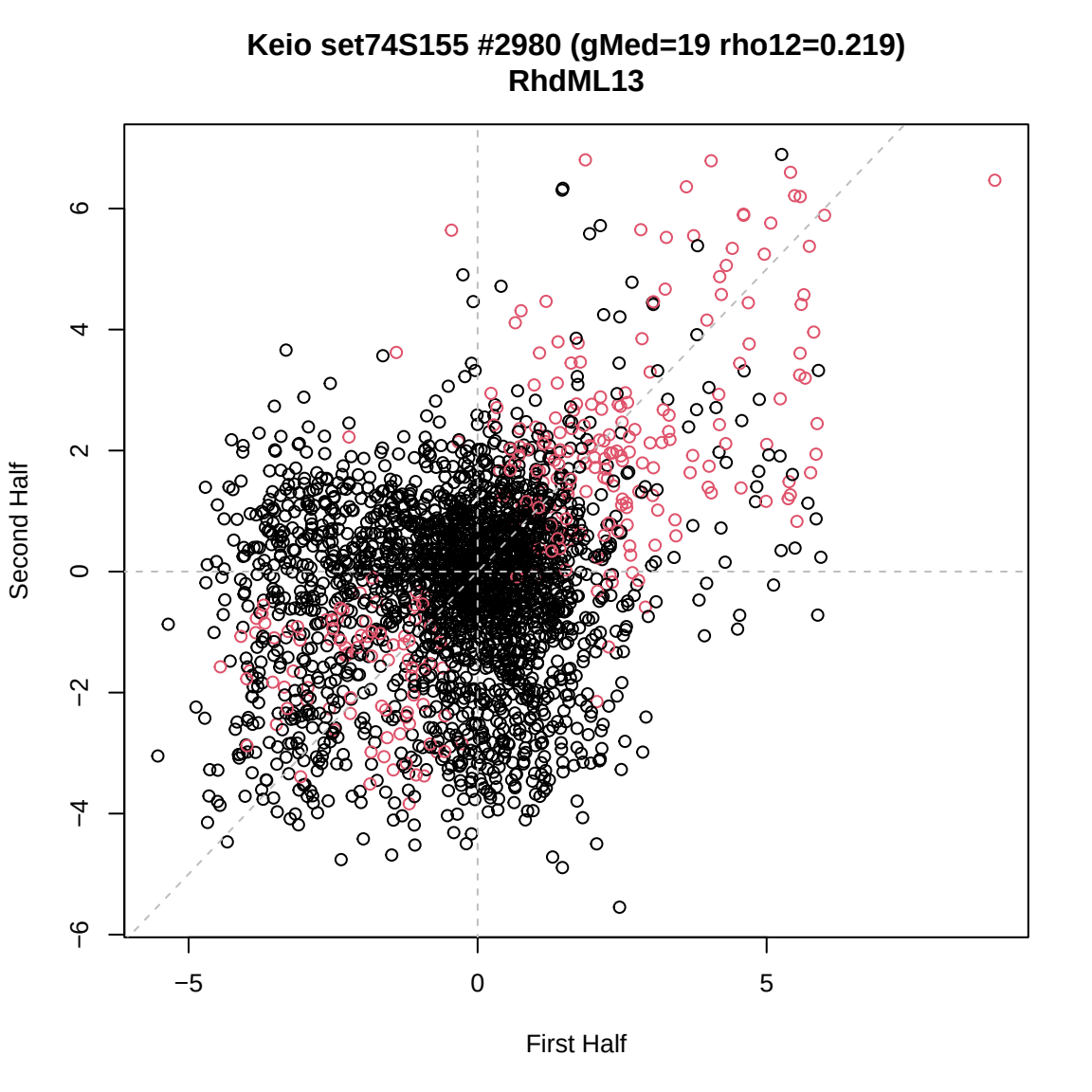

Keio set74S150 #2975 (gMed=307 rho12=0.073)
Mnm4
Second Half
First Half
−3
−2
−1
0
1
2
3
4

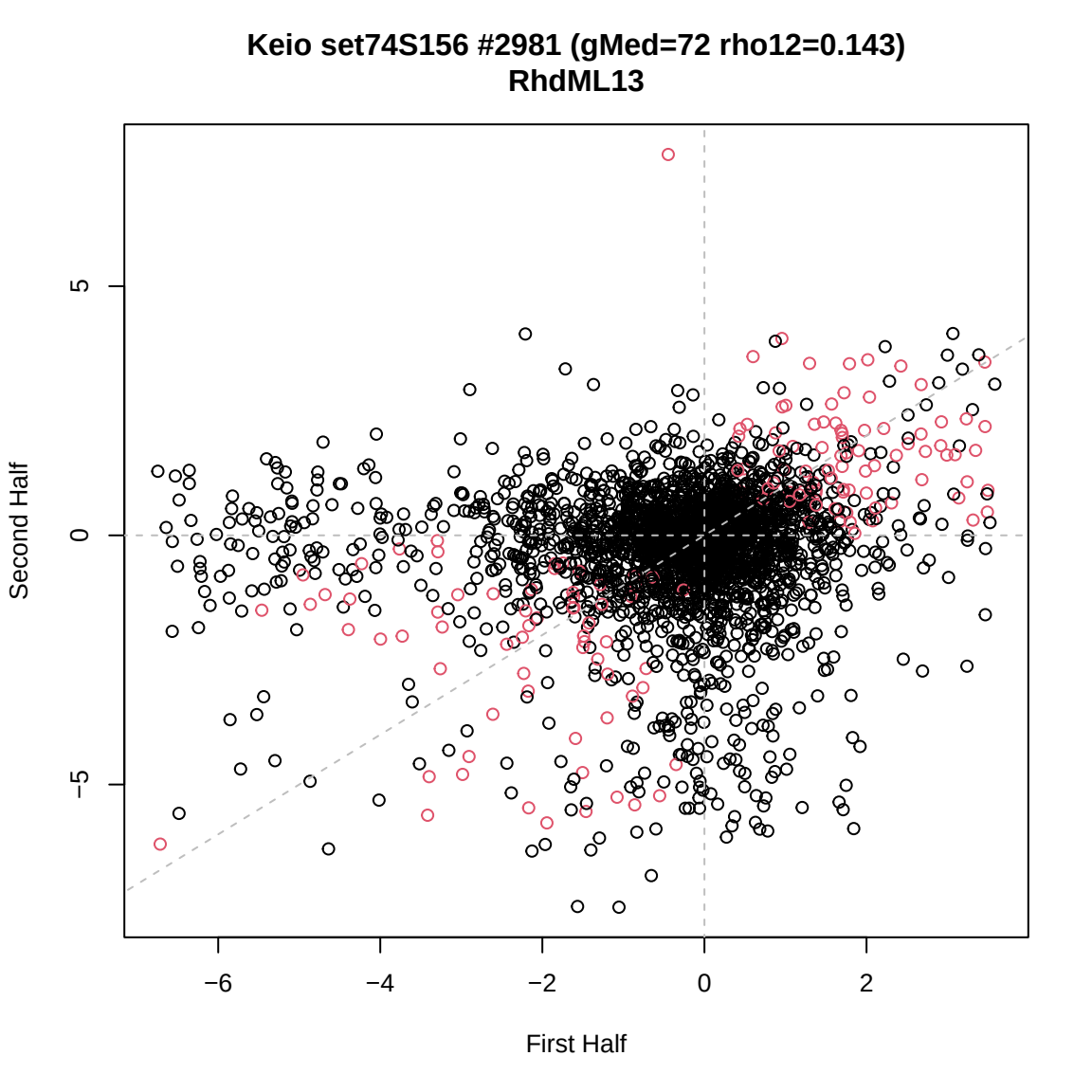

Keio set74S151 #2976 (gMed=299 rho12=0.224)
Mnm12
Second Half
First Half
−4
−3
−2
−1
0
1
2

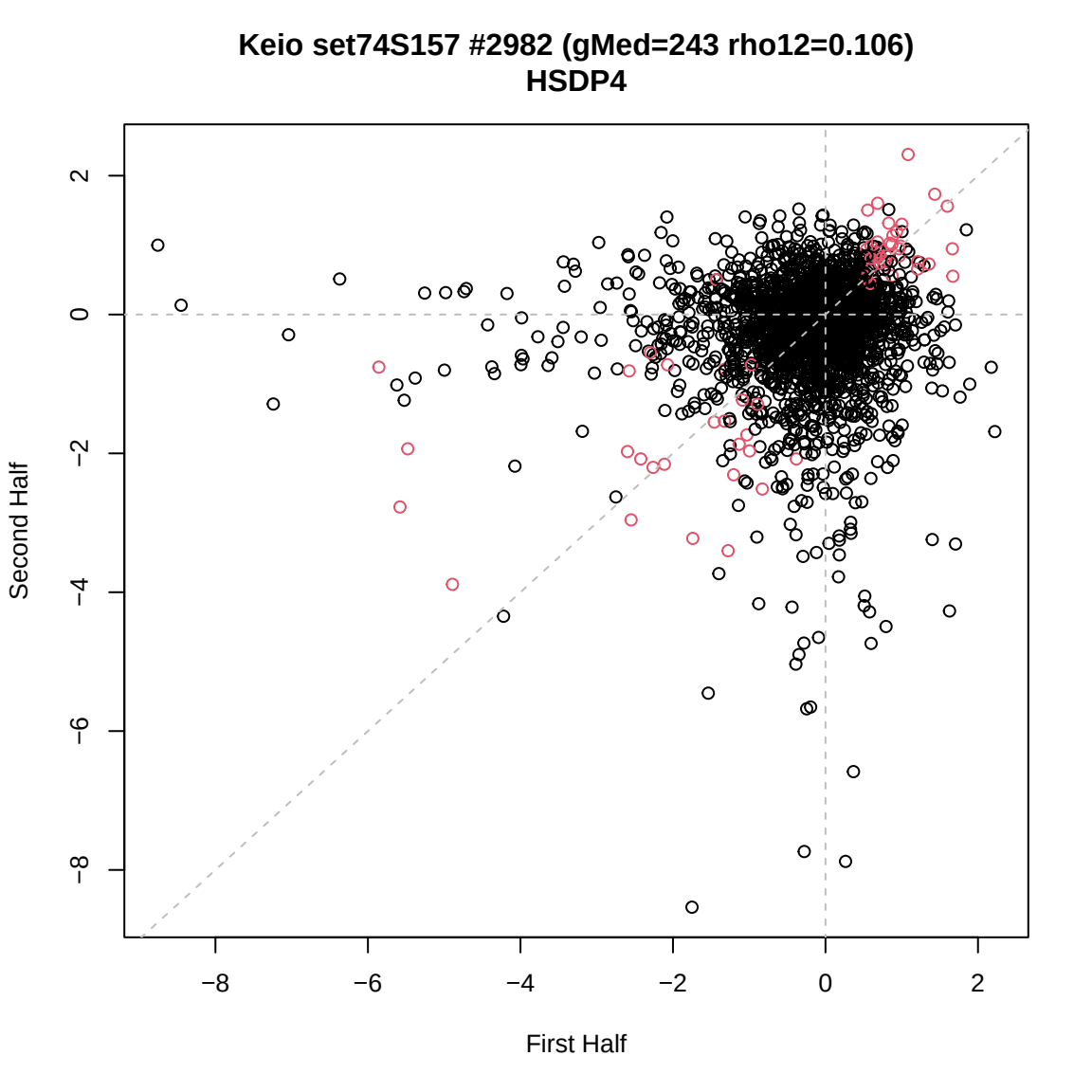

Keio set74S152 #2977 (gMed=306 rho12=0.121)
Mnm12
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

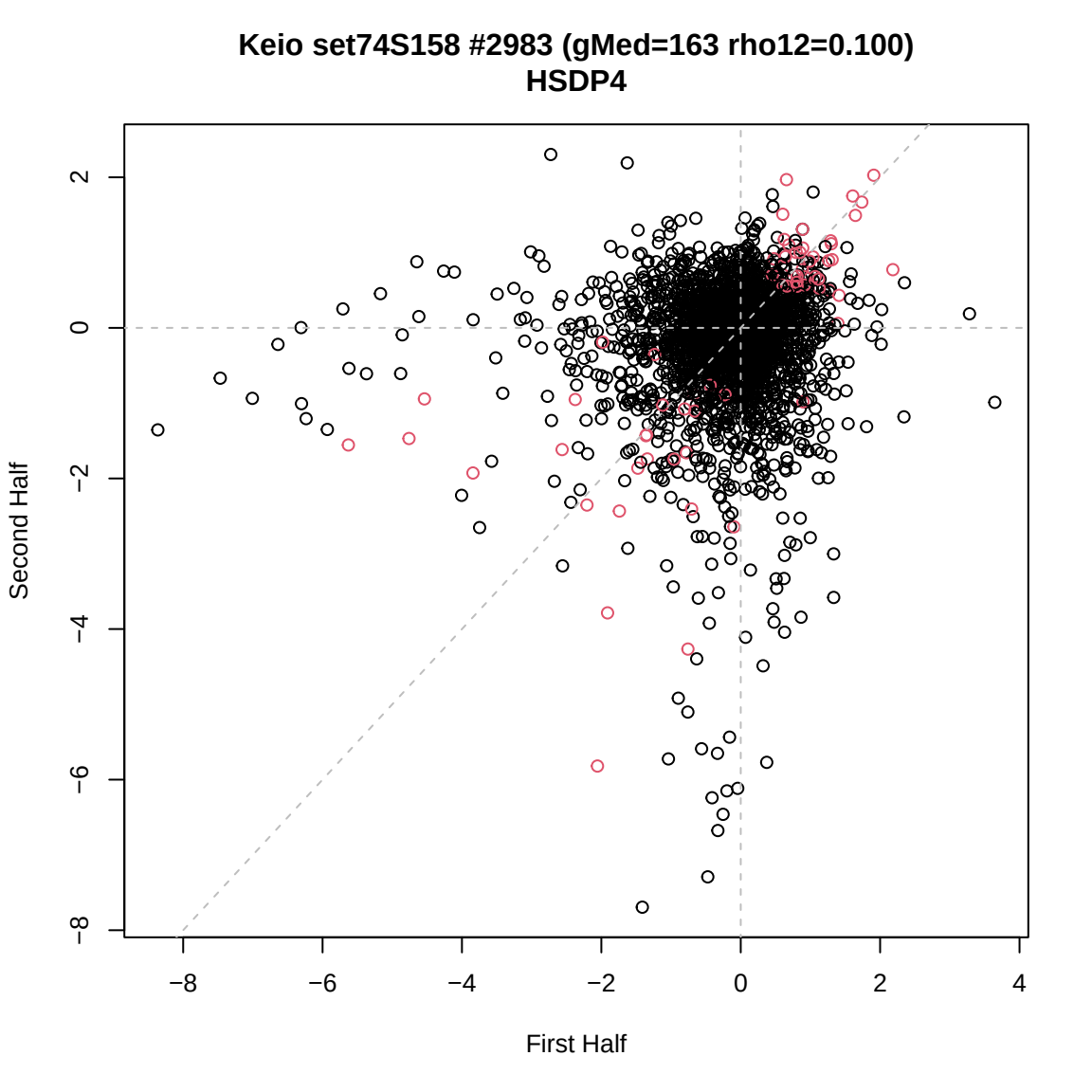

Keio set74S153 #2978 (gMed=50 rho12=0.115)
RhdML5
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

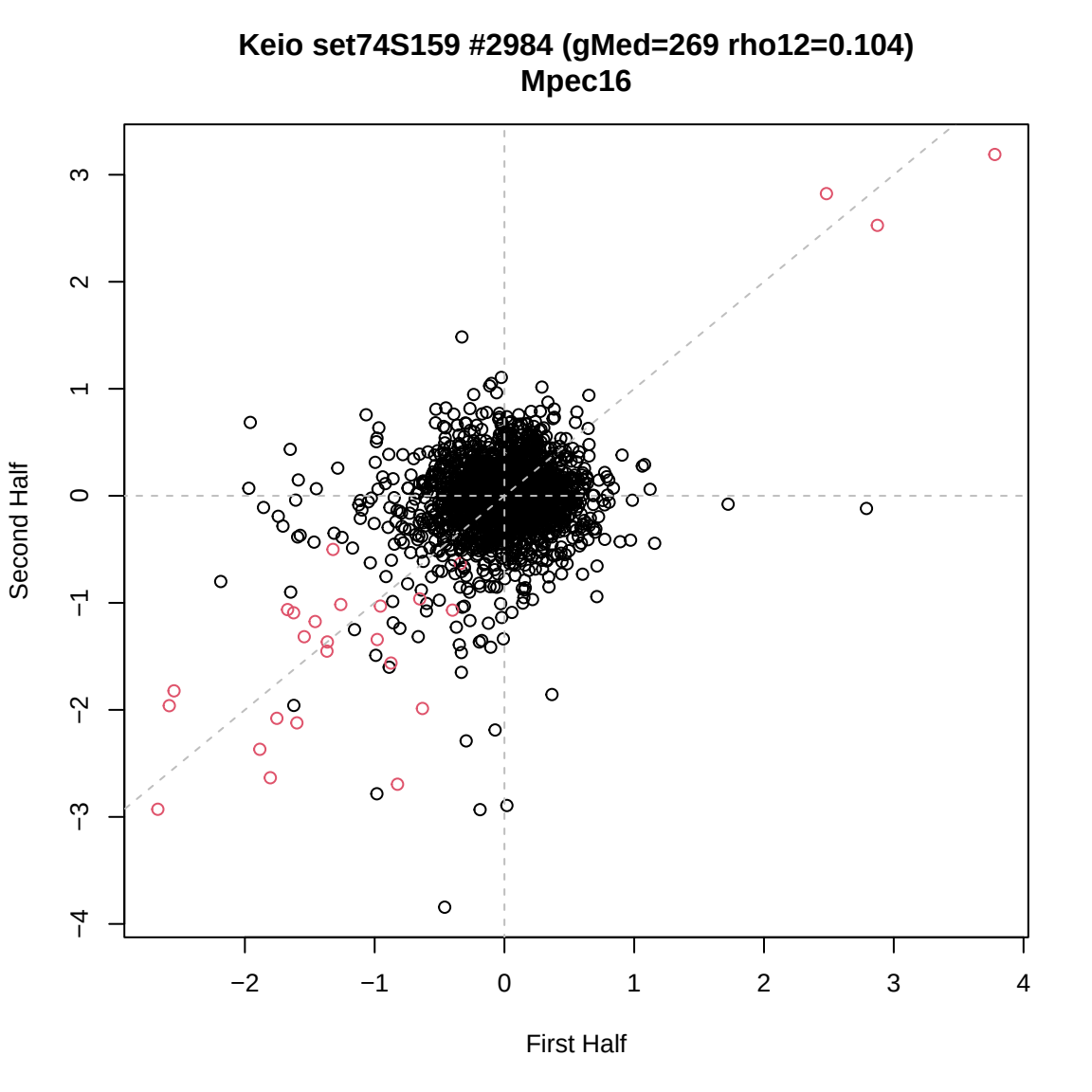

Keio set74S154 #2979 (gMed=1 rho12=0.459)
RhdML5
Second Half
First Half
0
5
10
15

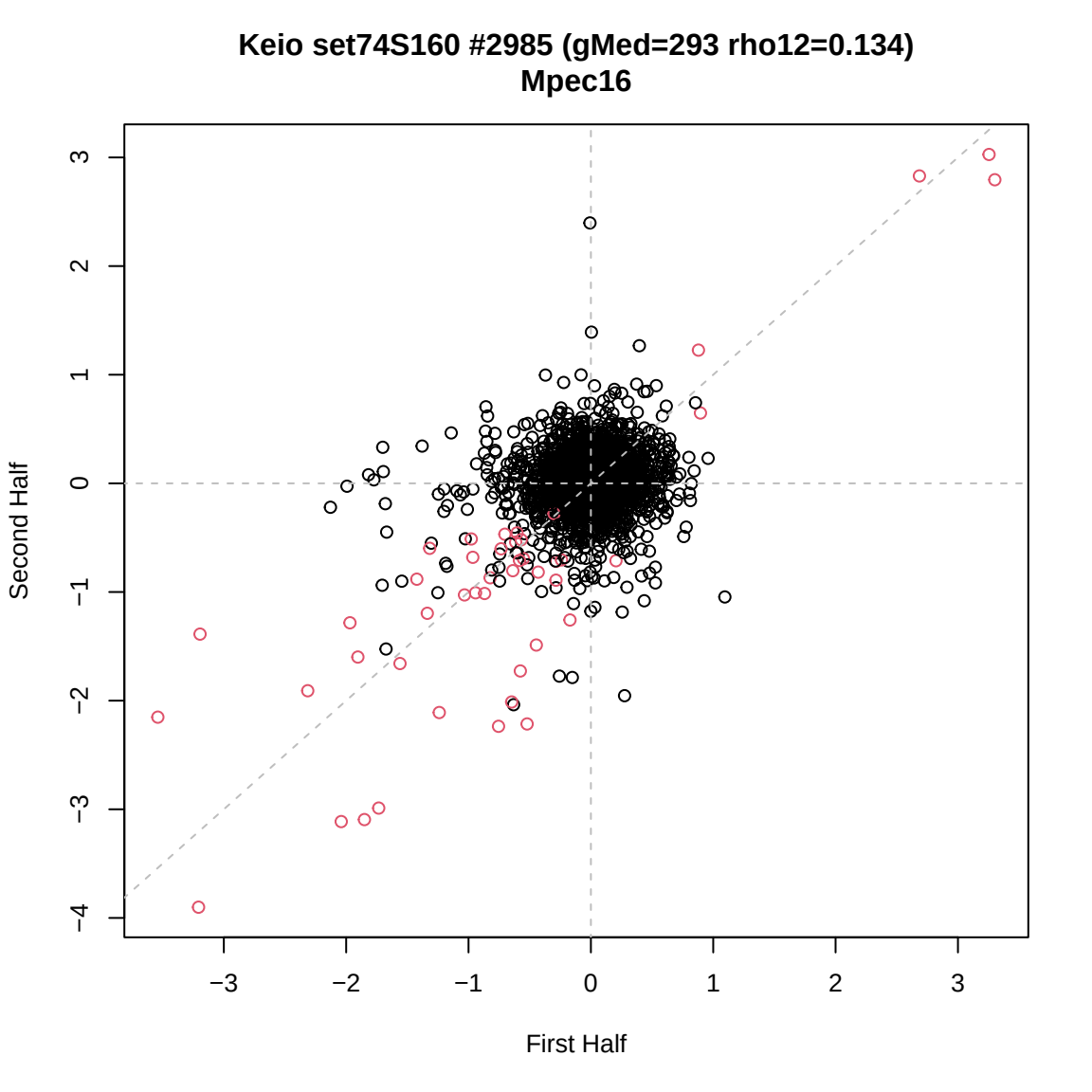

Keio set74S155 #2980 (gMed=19 rho12=0.219)
RhdML13
Second Half
First Half
6
4
2
0
−2
−4
−6
−5
0
5

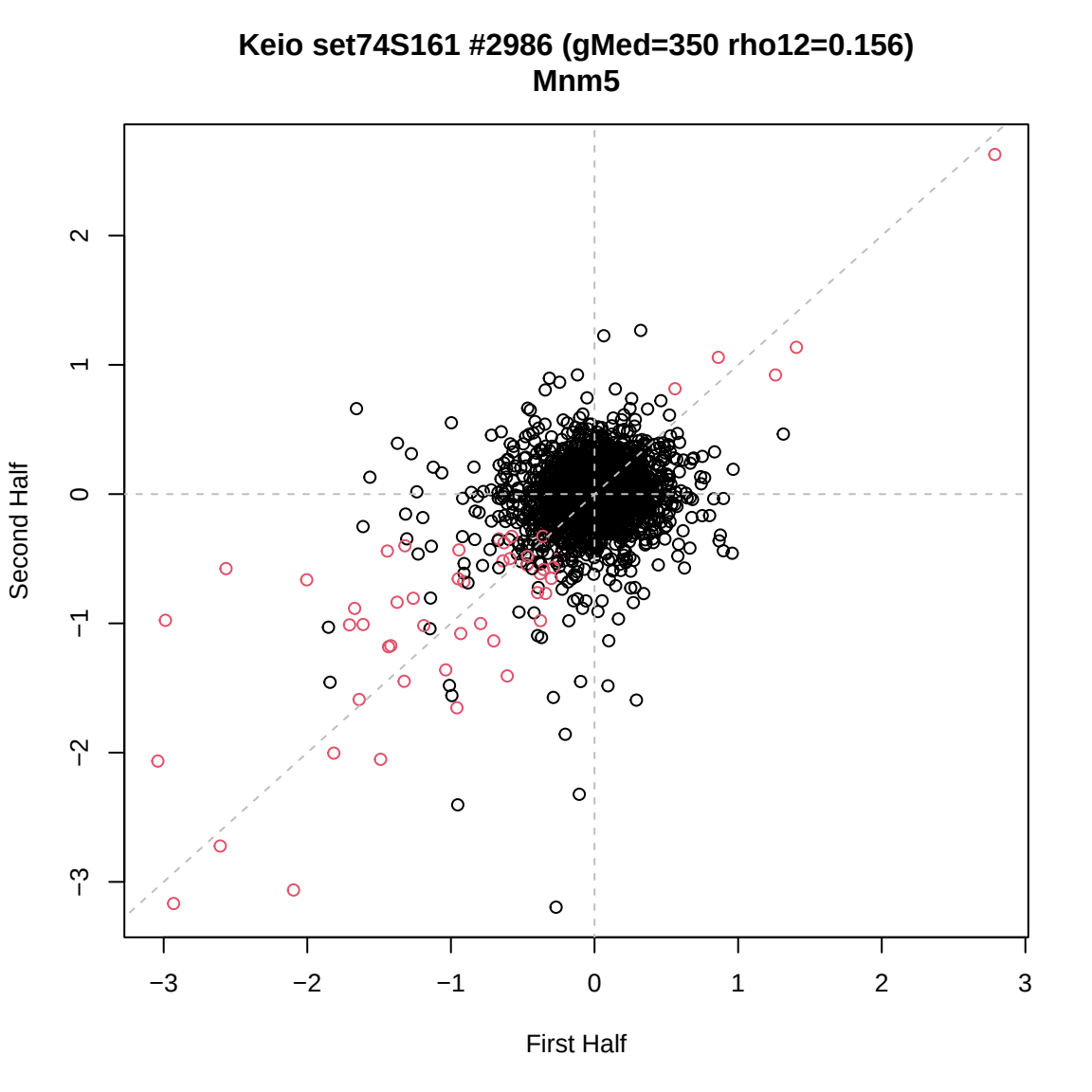

Keio set74S156 #2981 (gMed=72 rho12=0.143)
RhdML13
Second Half
First Half
5
0
−5
−6
−4
−2
0
2

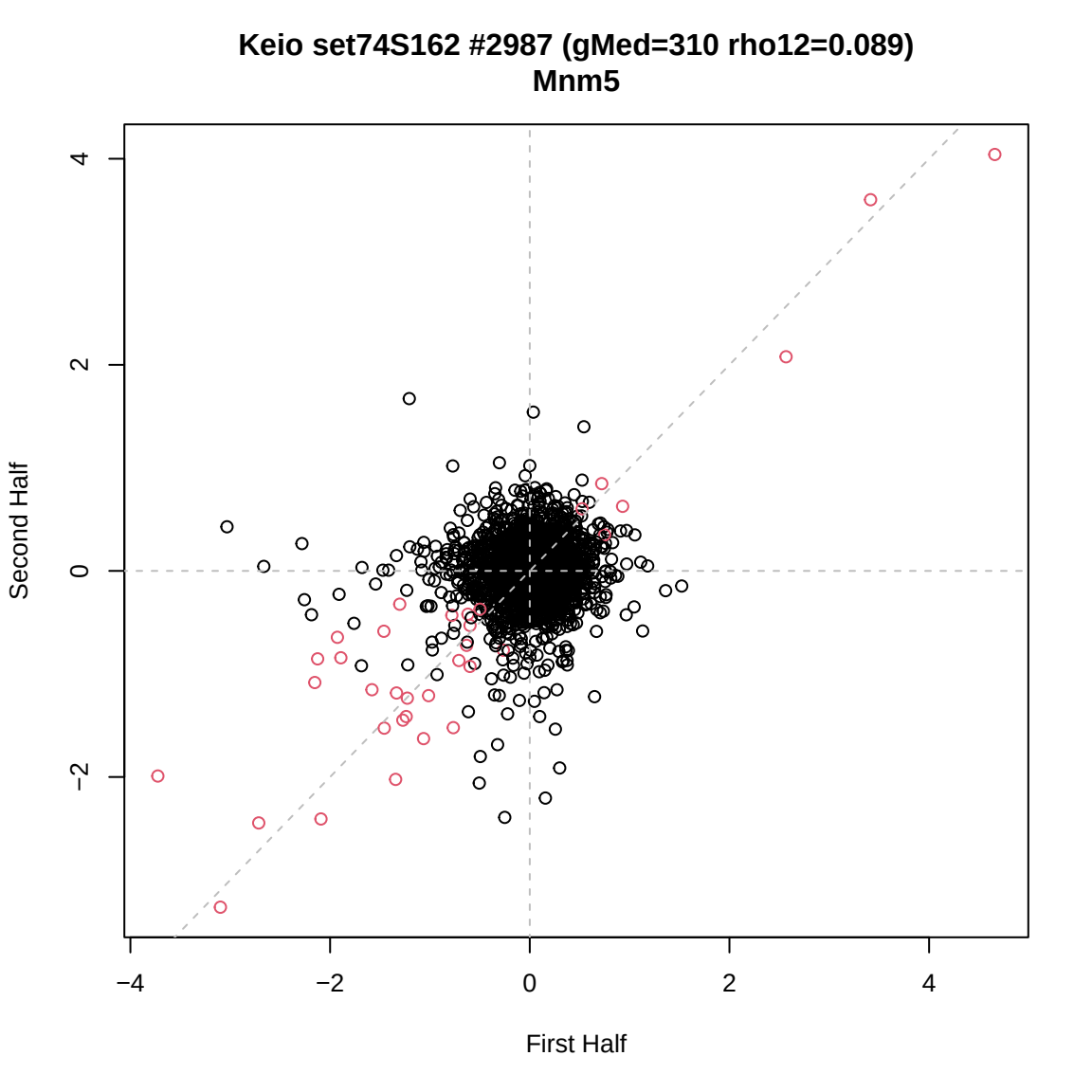

Keio set74S157 #2982 (gMed=243 rho12=0.106)
HSDP4
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2

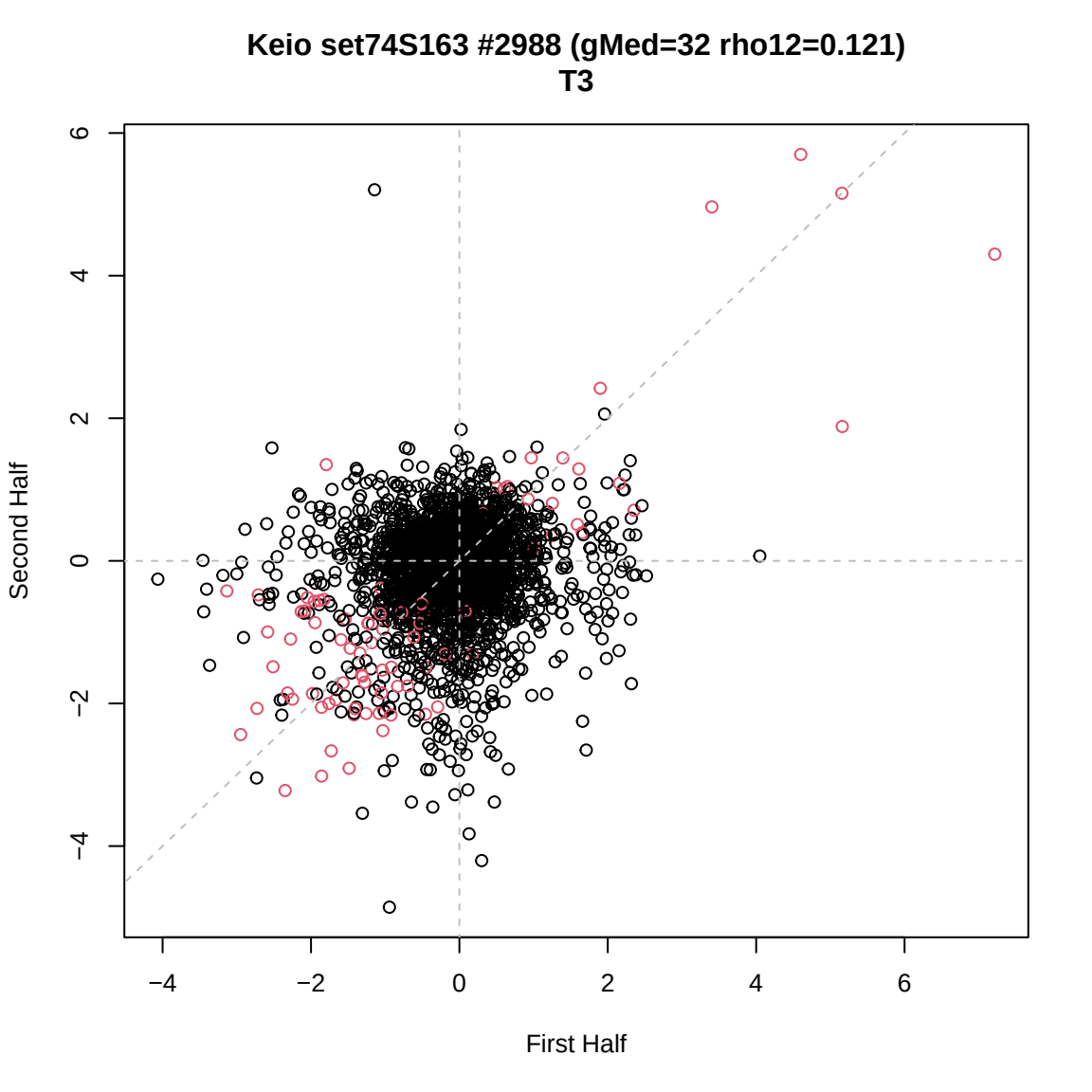

Keio set74S158 #2983 (gMed=163 rho12=0.100)
HSDP4
Second Half
First Half
2
0
−2
−4
−6
−8
−8
−6
−4
−2
0
2
4

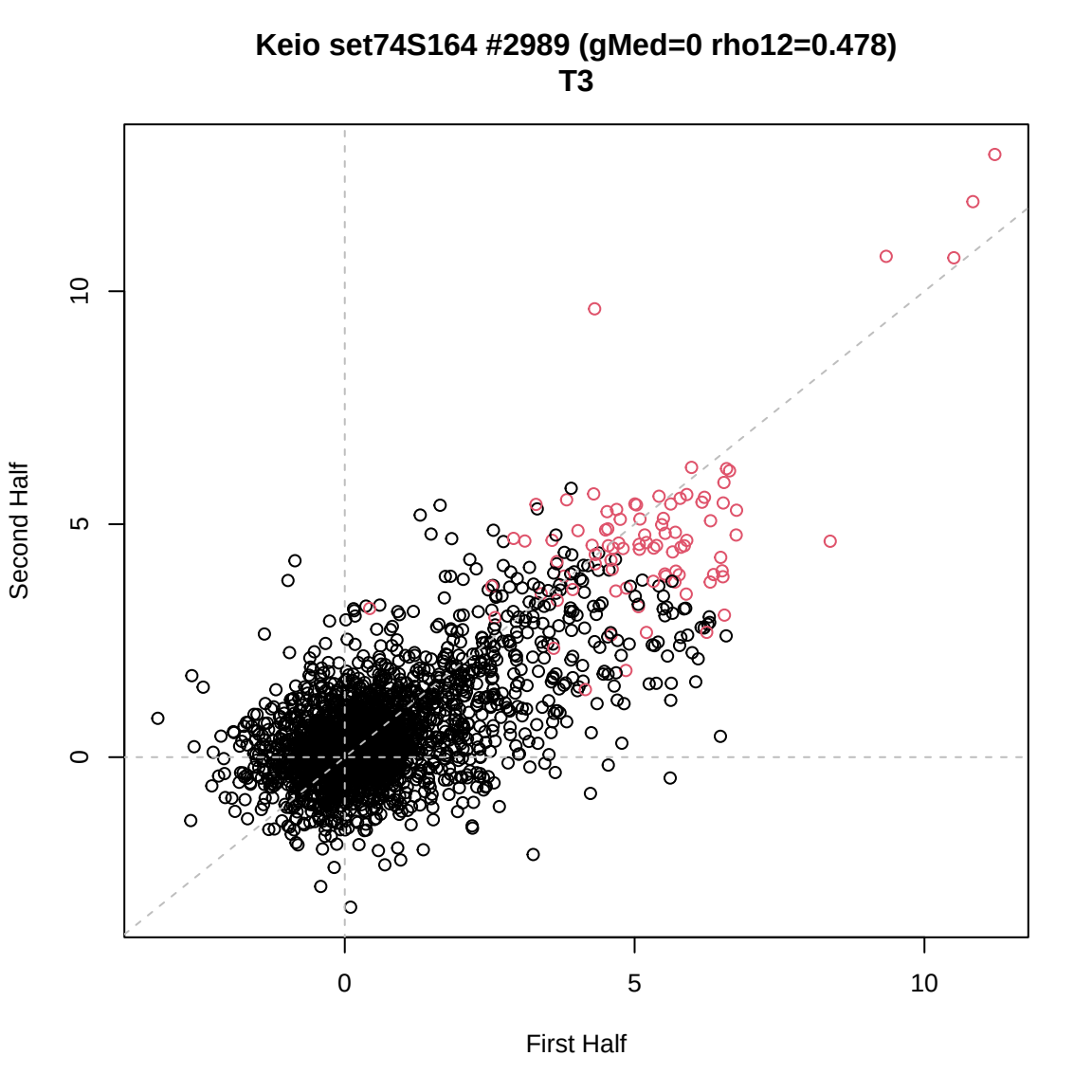

Keio set74S159 #2984 (gMed=269 rho12=0.104)
Mpec16
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−2
−1
0
1
2
3
4

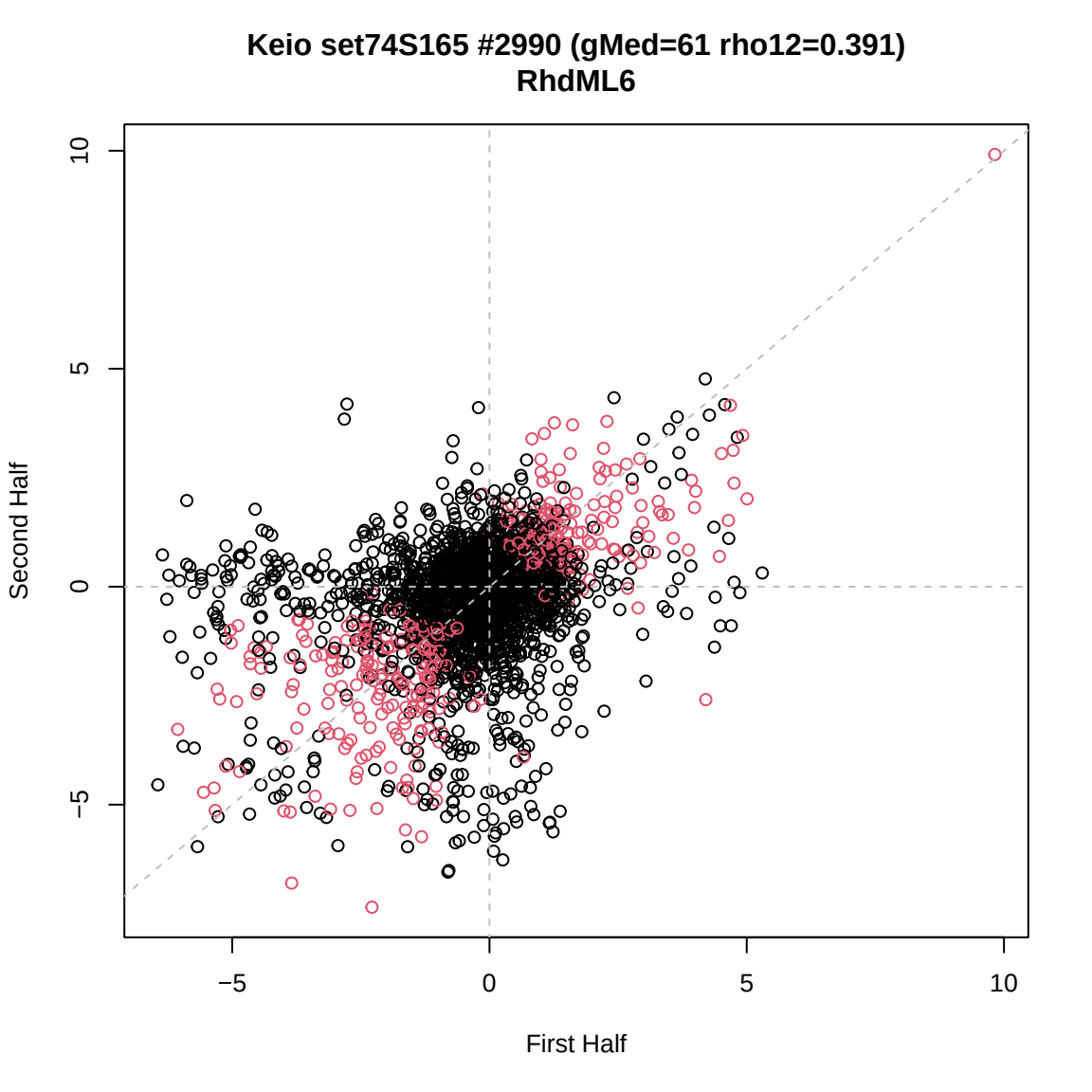

Keio set74S160 #2985 (gMed=293 rho12=0.134)
Mpec16
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3

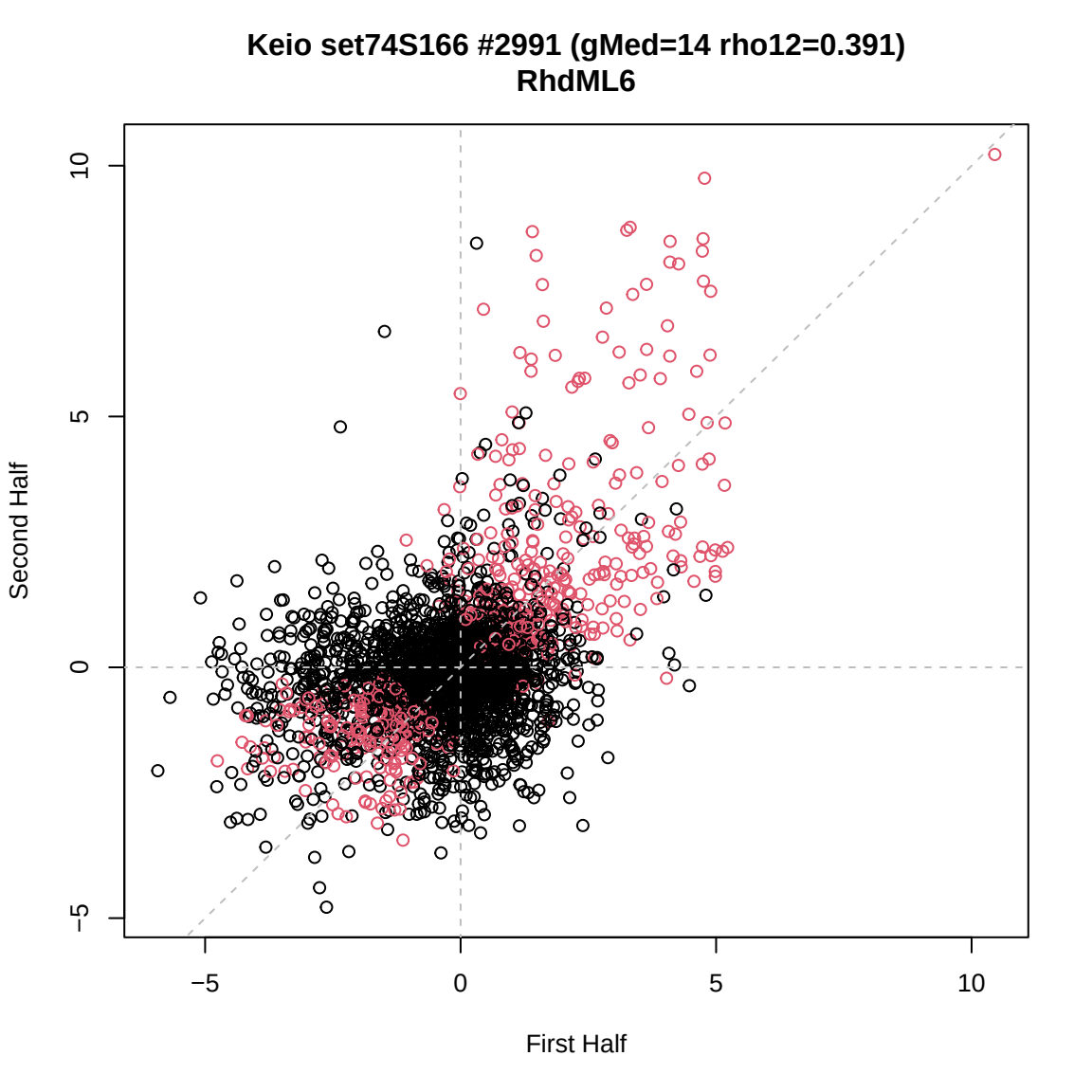

Keio set74S161 #2986 (gMed=350 rho12=0.156)
Mnm5
Second Half
First Half
−3
−2
−1
0
1
2
3

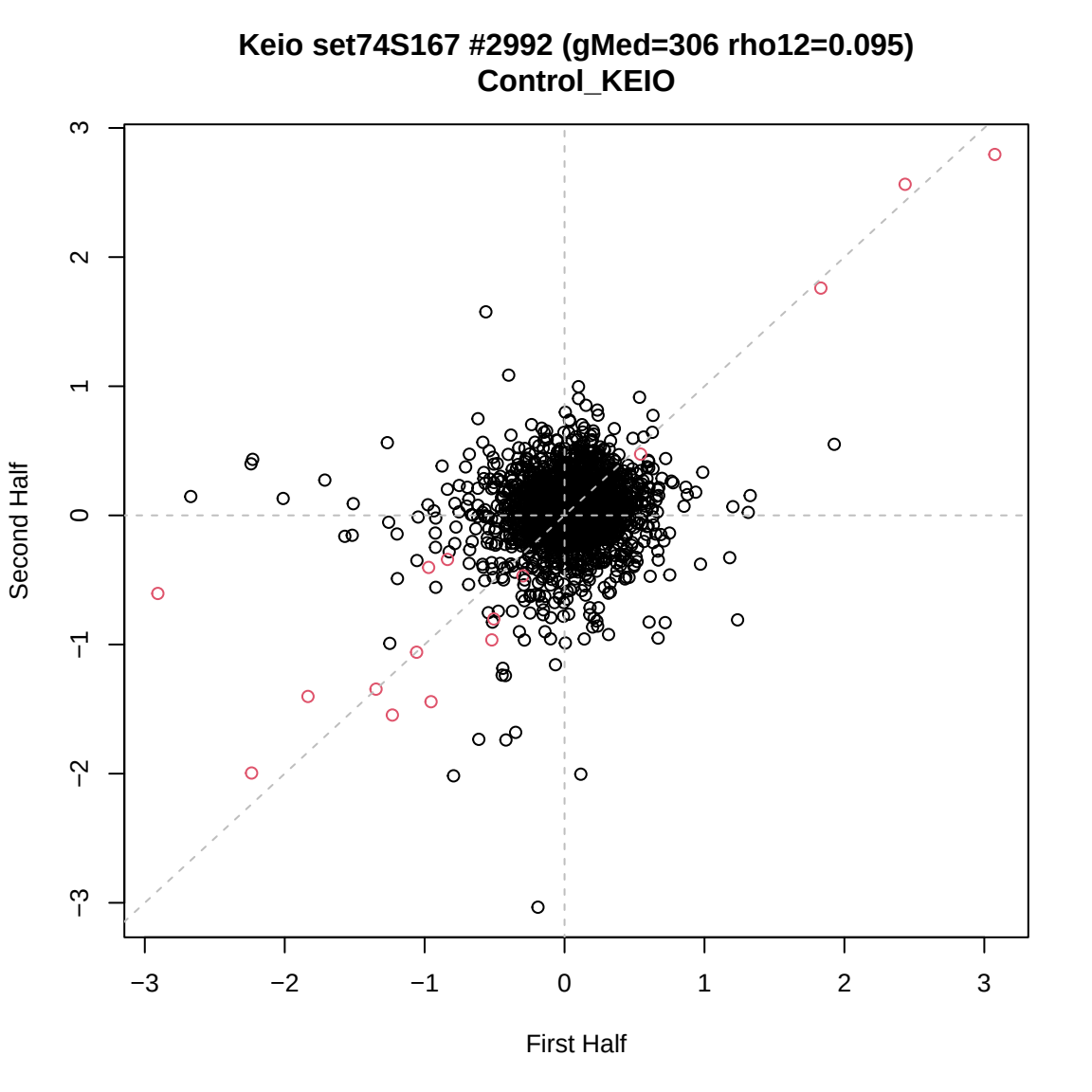

Keio set74S162 #2987 (gMed=310 rho12=0.089)
Mnm5
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

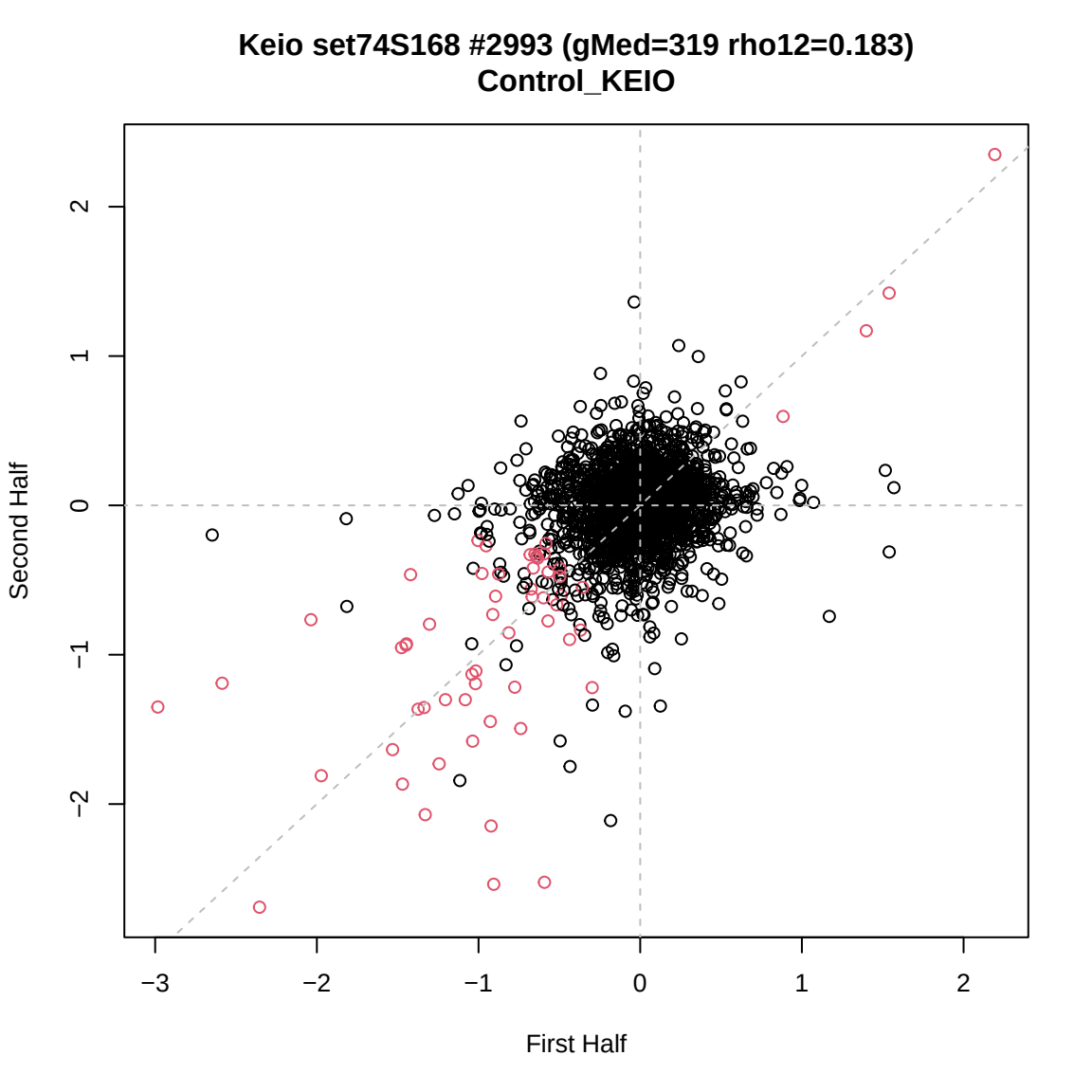

Keio set74S163 #2988 (gMed=32 rho12=0.121)
T3
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

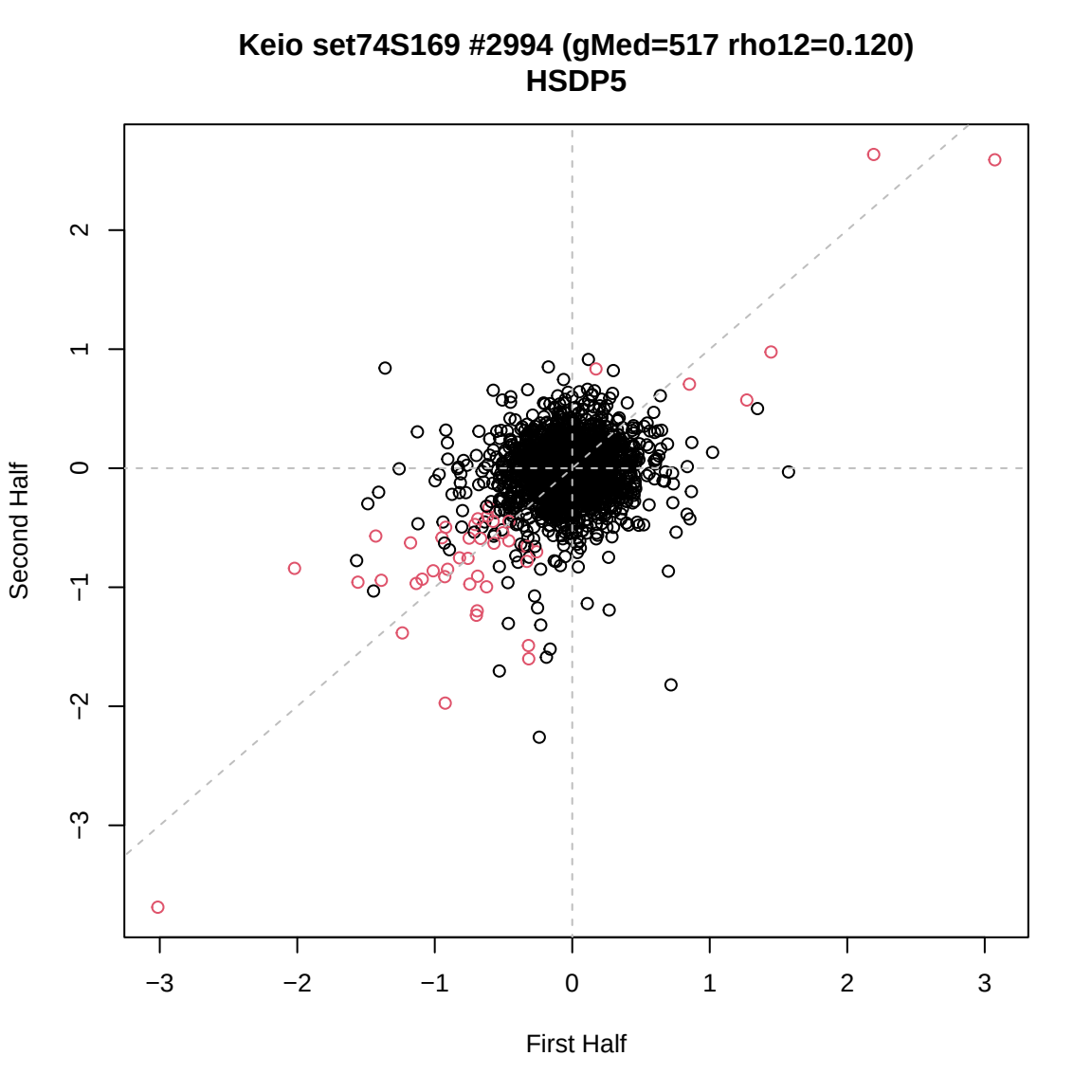

Keio set74S164 #2989 (gMed=0 rho12=0.478)
T3
Second Half
First Half
0
5
10
0
5
10

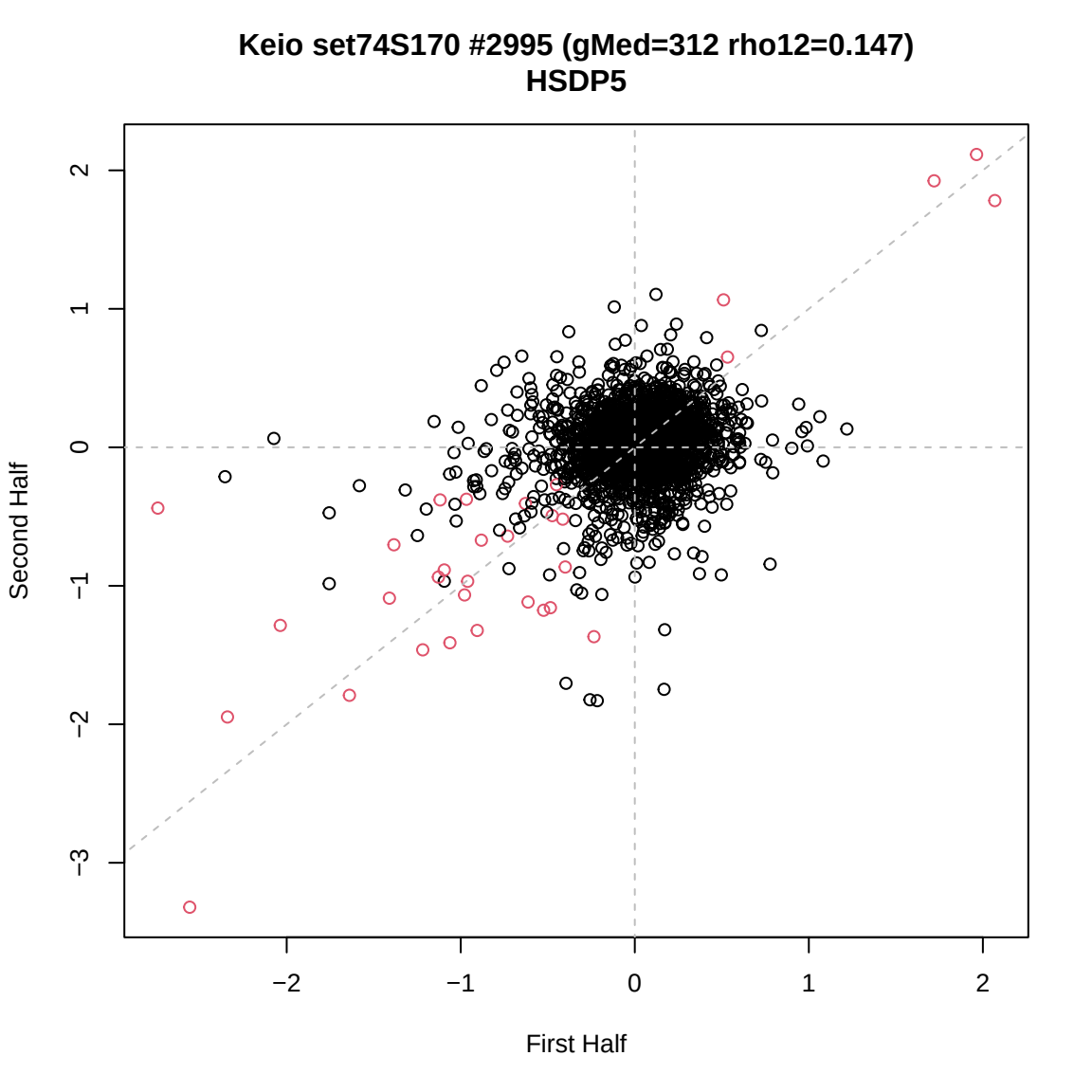

Keio set74S165 #2990 (gMed=61 rho12=0.391)
RhdML6
Second Half
First Half
10
5
0
−5
−5
0
5
10

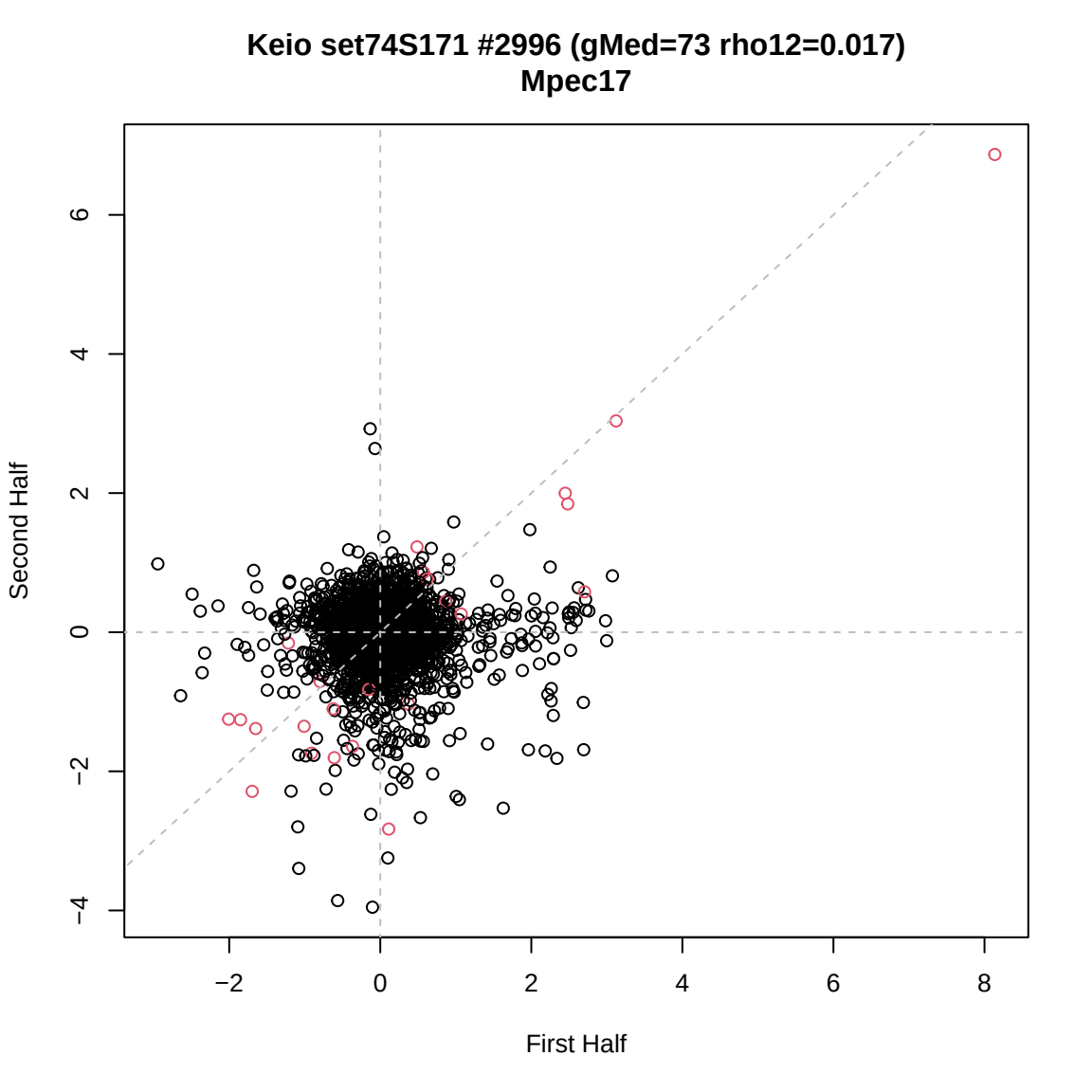

Keio set74S166 #2991 (gMed=14 rho12=0.391)
RhdML6
Second Half
First Half
10
5
0
−5
−5
0
5
10

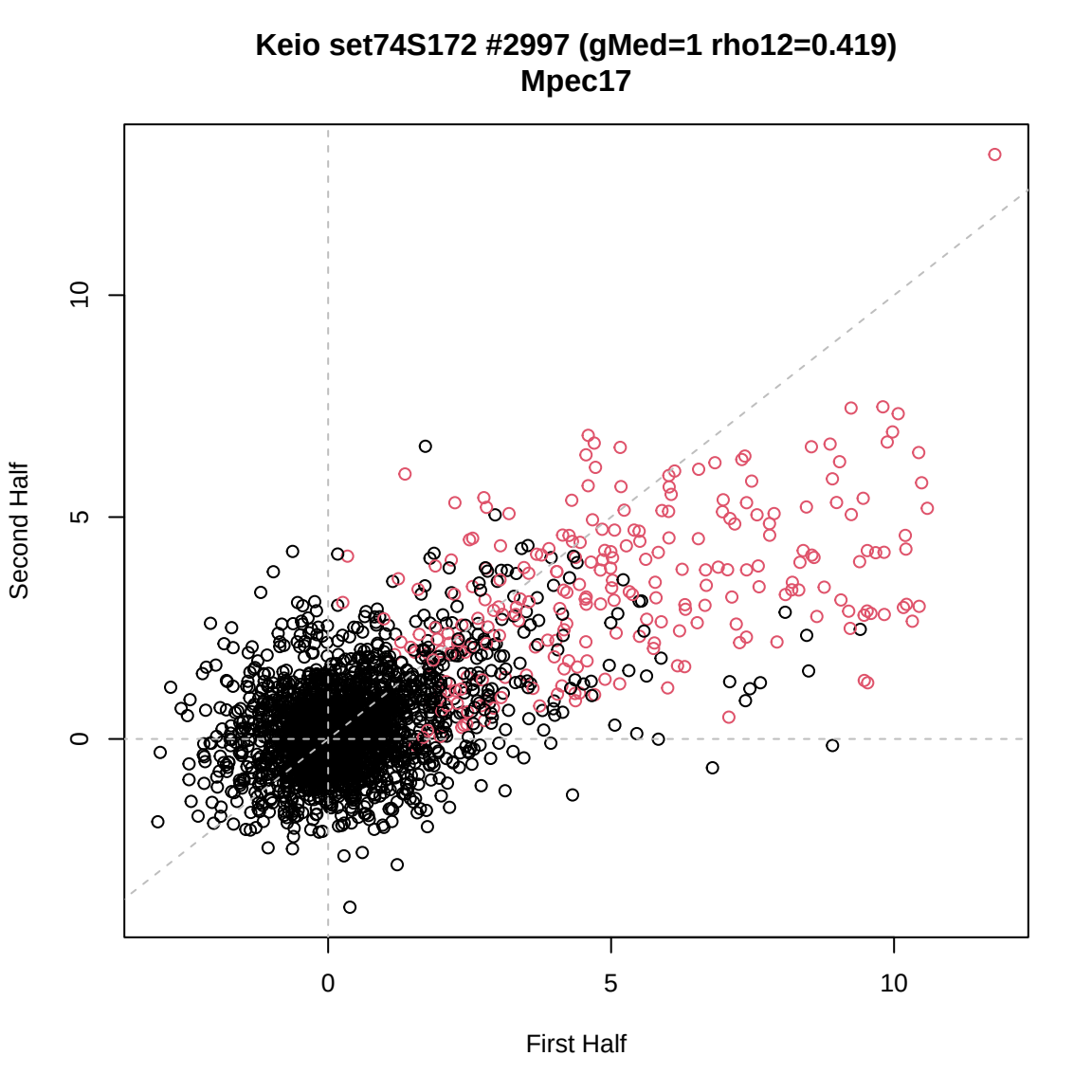

Keio set74S167 #2992 (gMed=306 rho12=0.095)
Control_KEIO
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

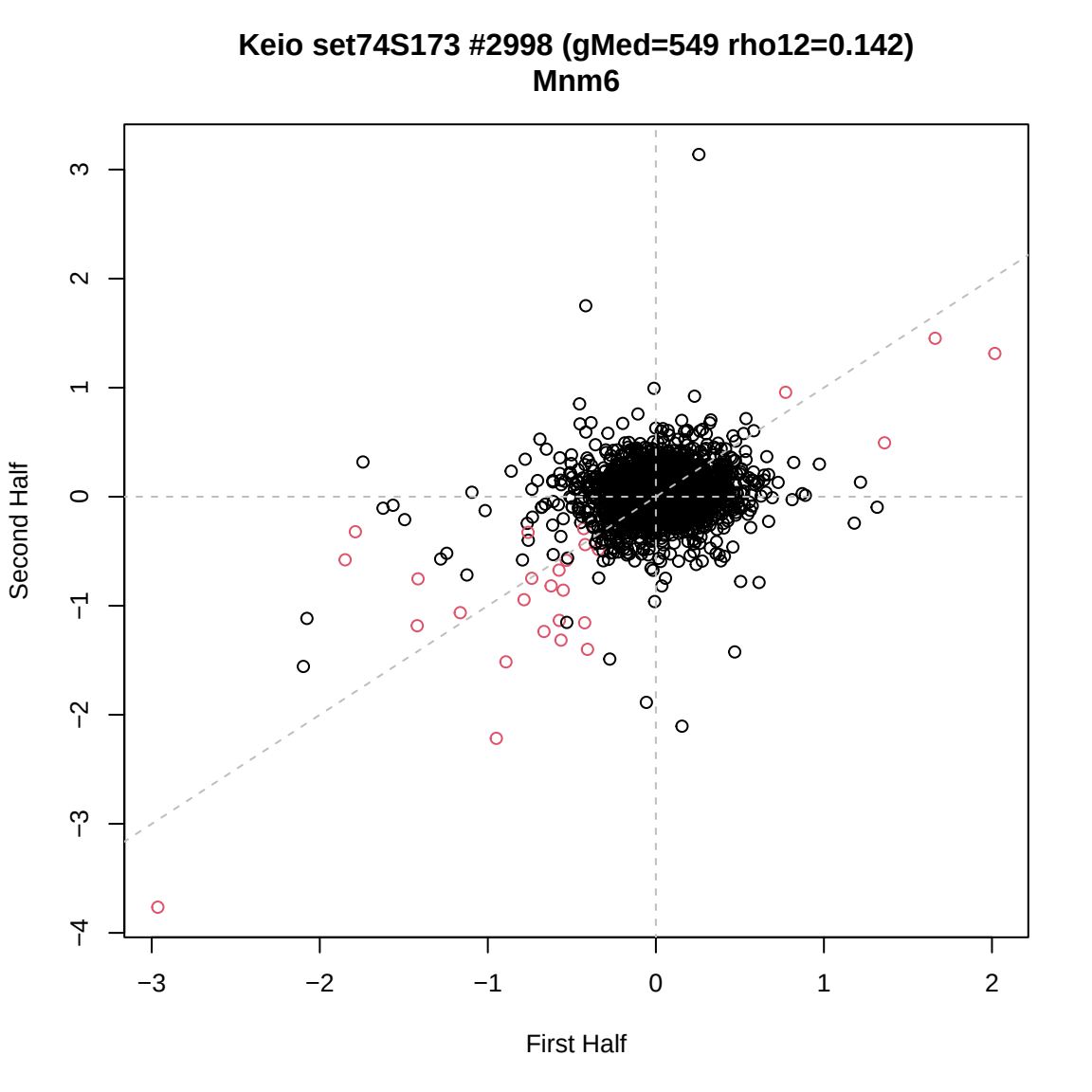

Keio set74S168 #2993 (gMed=319 rho12=0.183)
Control_KEIO
Second Half
First Half
−3
−2
−1
0
1
2

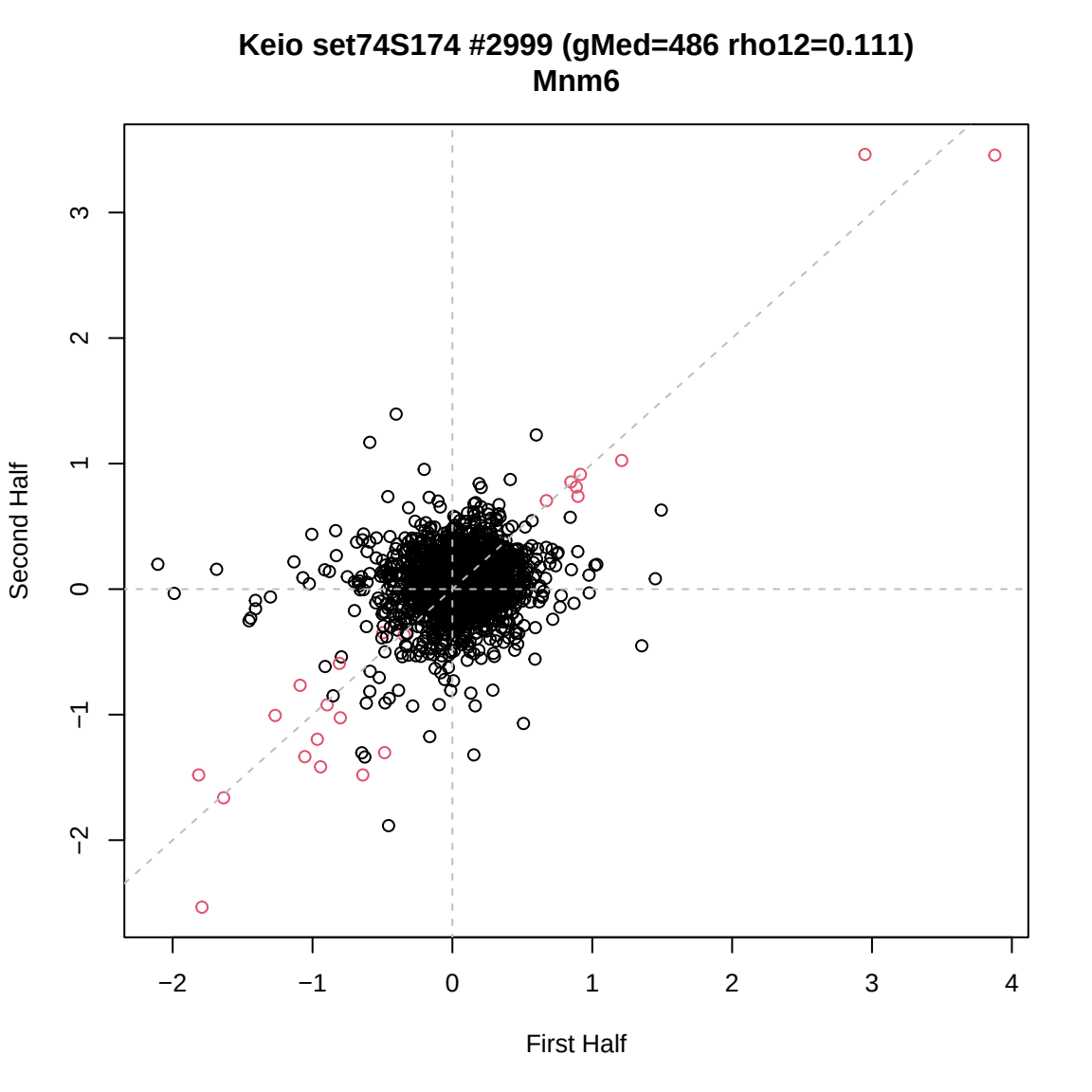

Keio set74S169 #2994 (gMed=517 rho12=0.120)
HSDP5
Second Half
First Half
−3
−2
−1
0
1
2
3

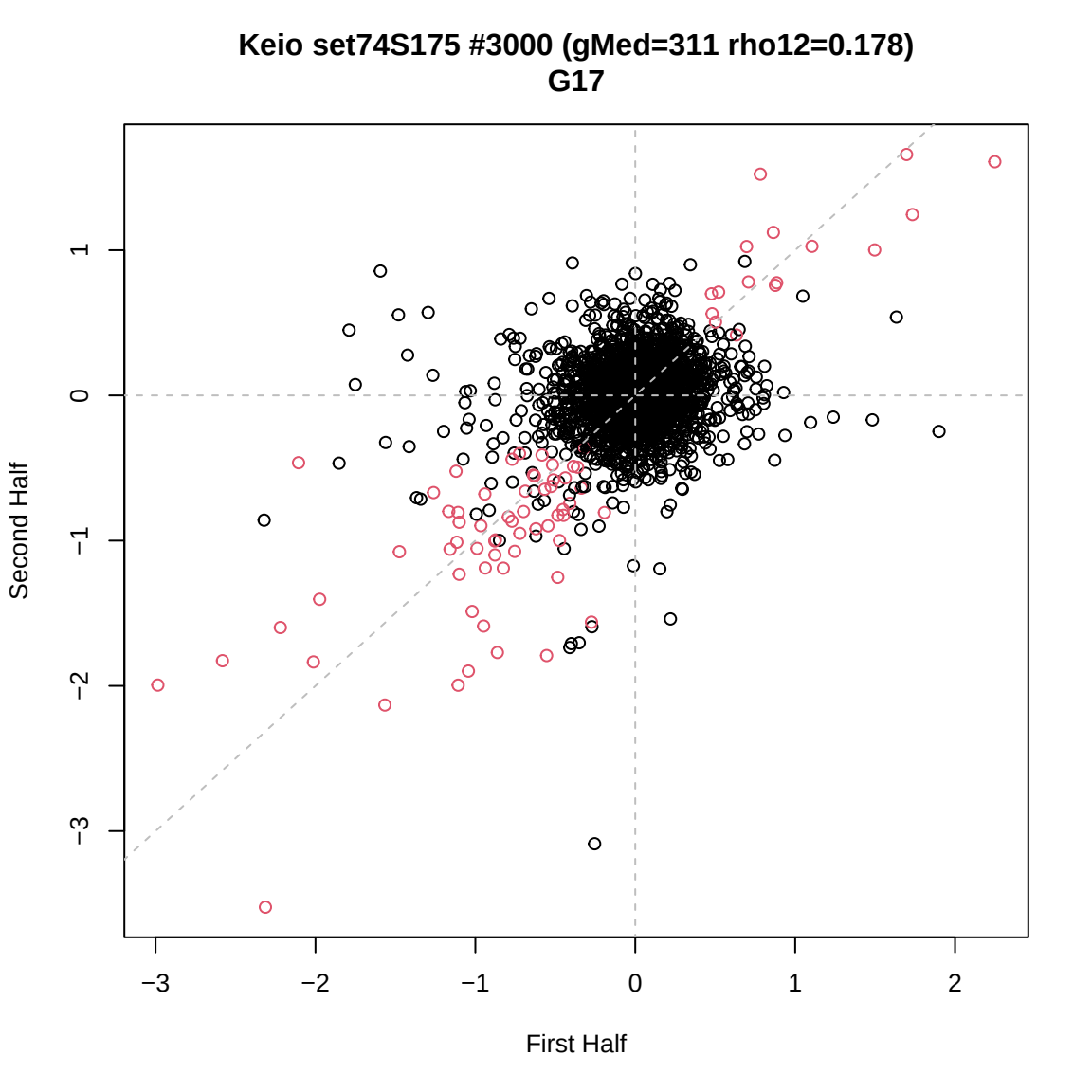

Keio set74S170 #2995 (gMed=312 rho12=0.147)
HSDP5
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

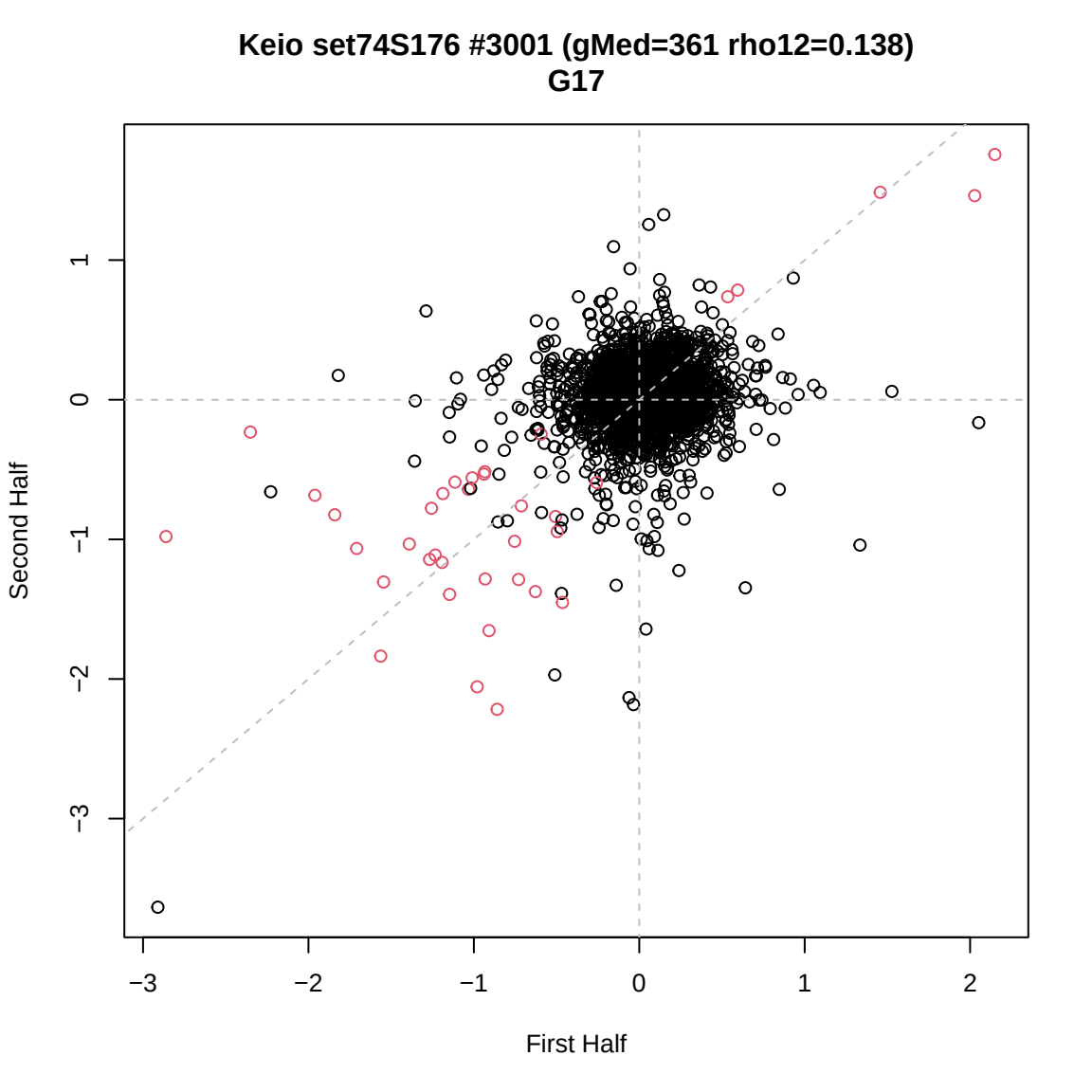

Keio set74S171 #2996 (gMed=73 rho12=0.017)
Mpec17
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

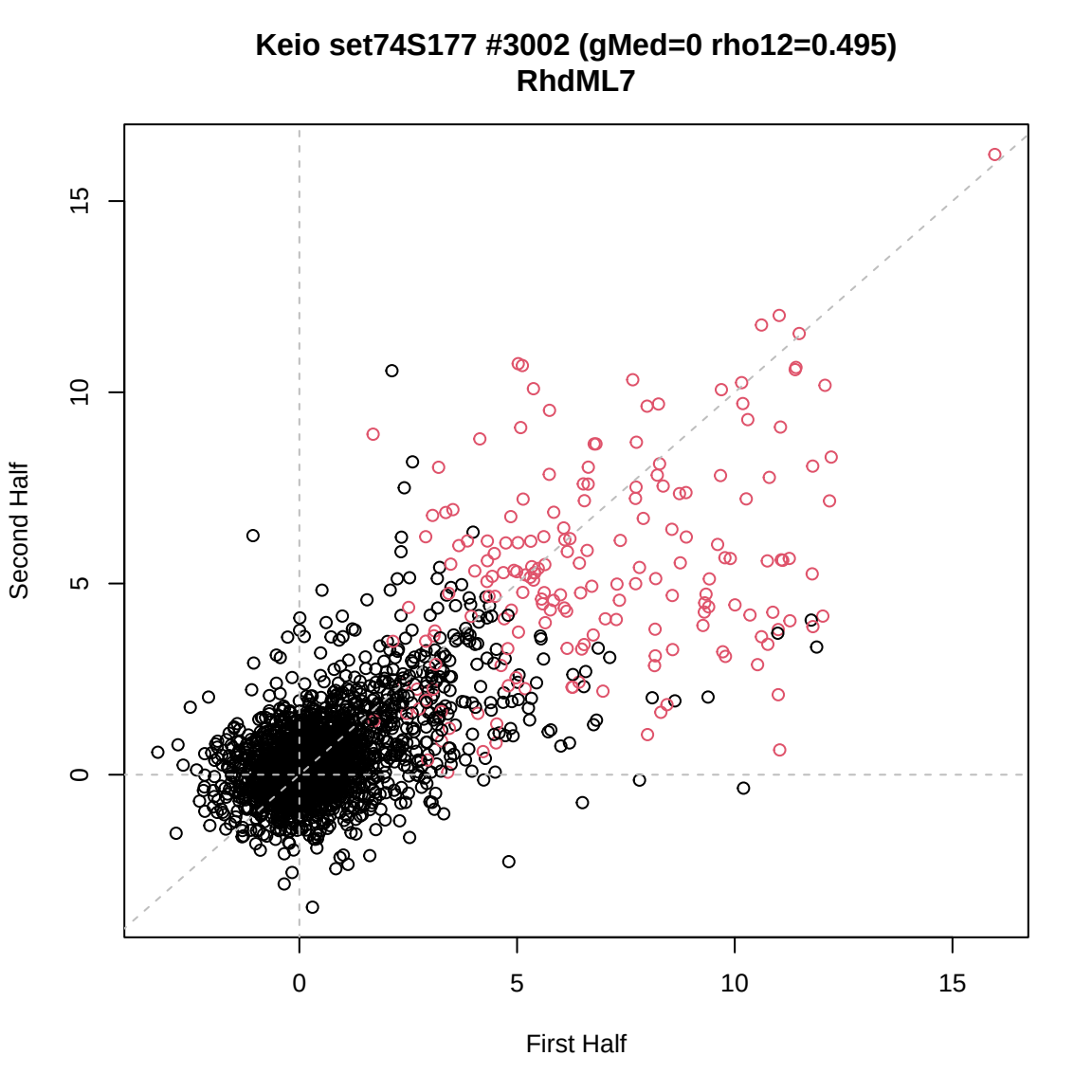

Keio set74S172 #2997 (gMed=1 rho12=0.419)
Mpec17
Second Half
First Half
0
5
10
0
5
10

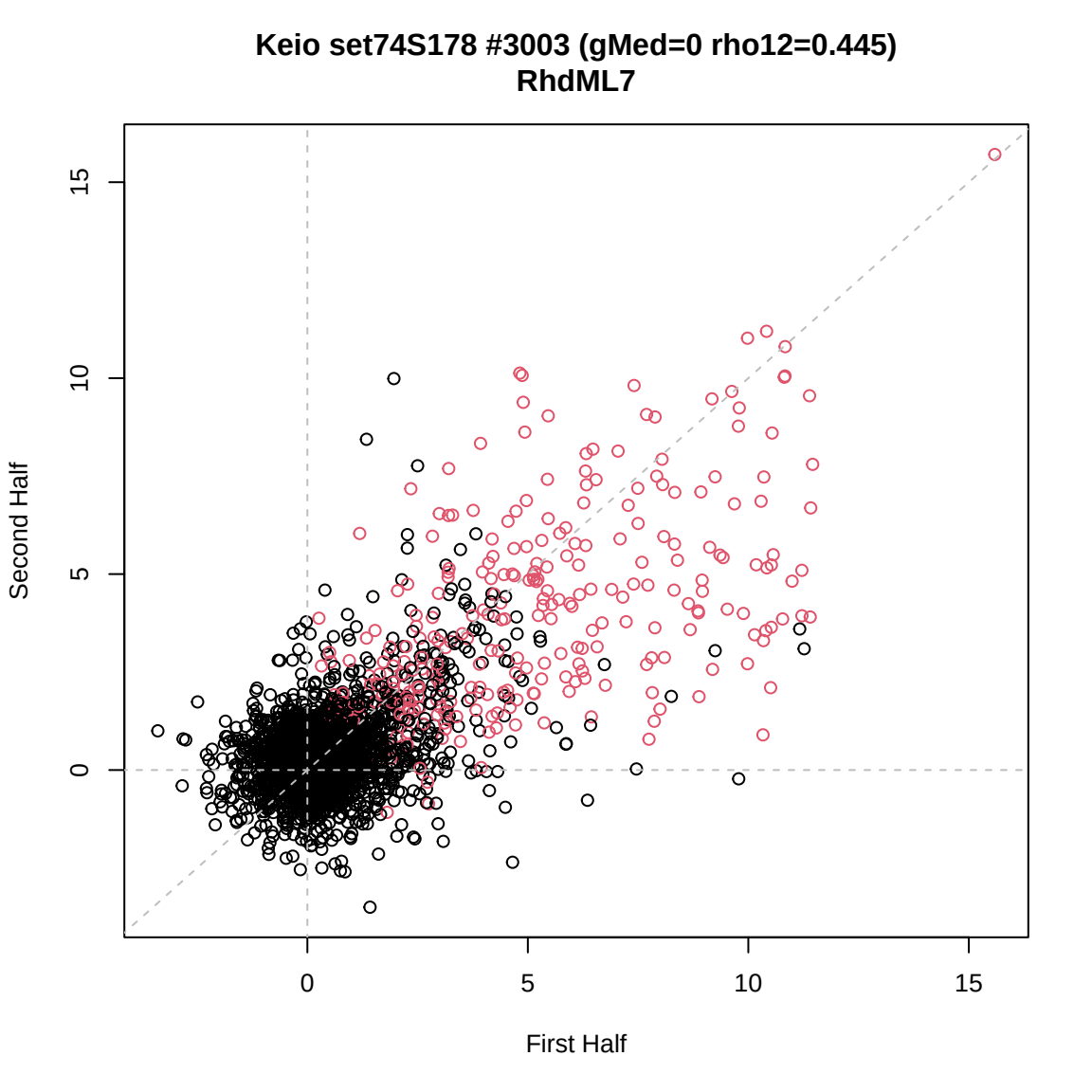

Keio set74S173 #2998 (gMed=549 rho12=0.142)
Mnm6
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

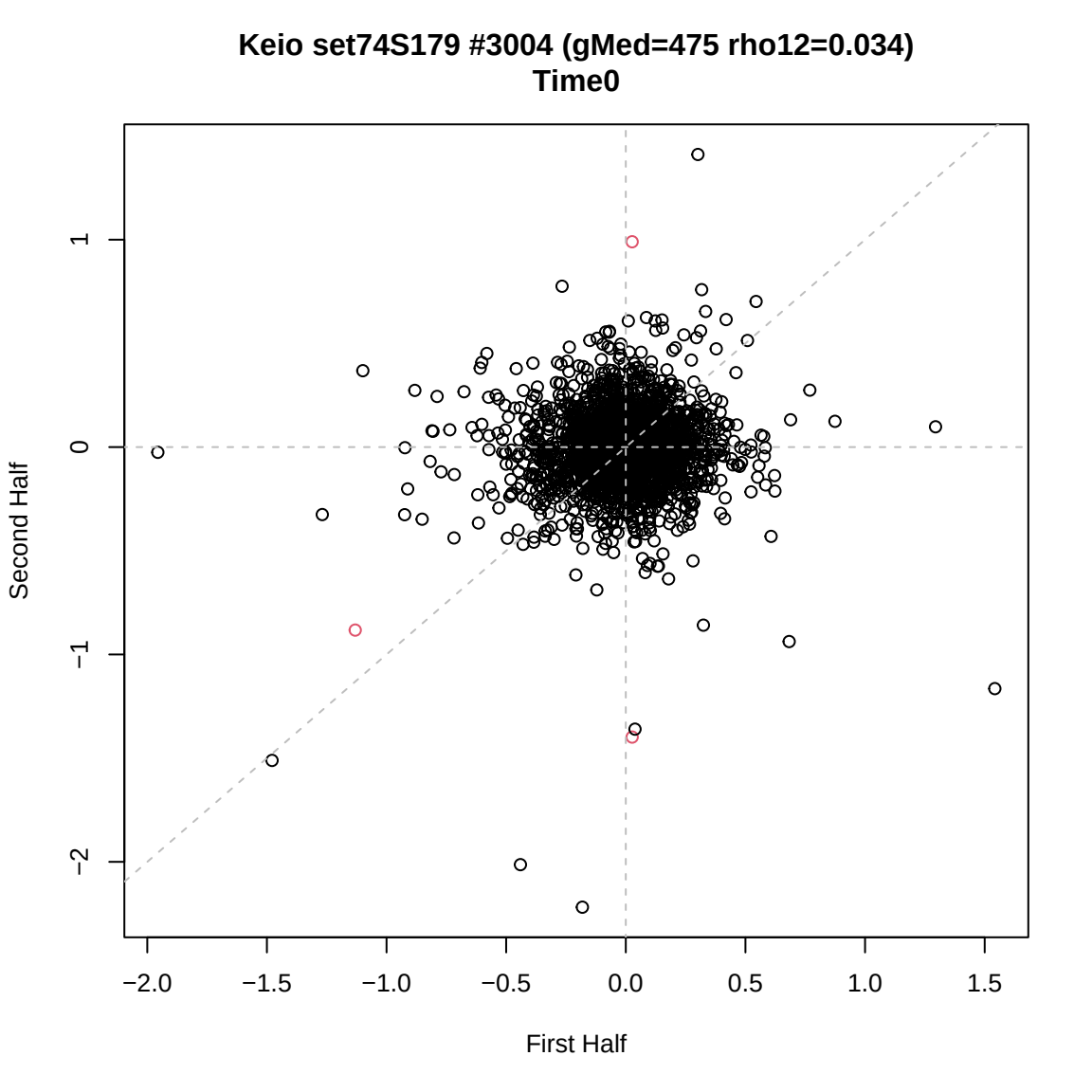

Keio set74S174 #2999 (gMed=486 rho12=0.111)
Mnm6
Second Half
First Half
−2
−1
0
1
2
3
4

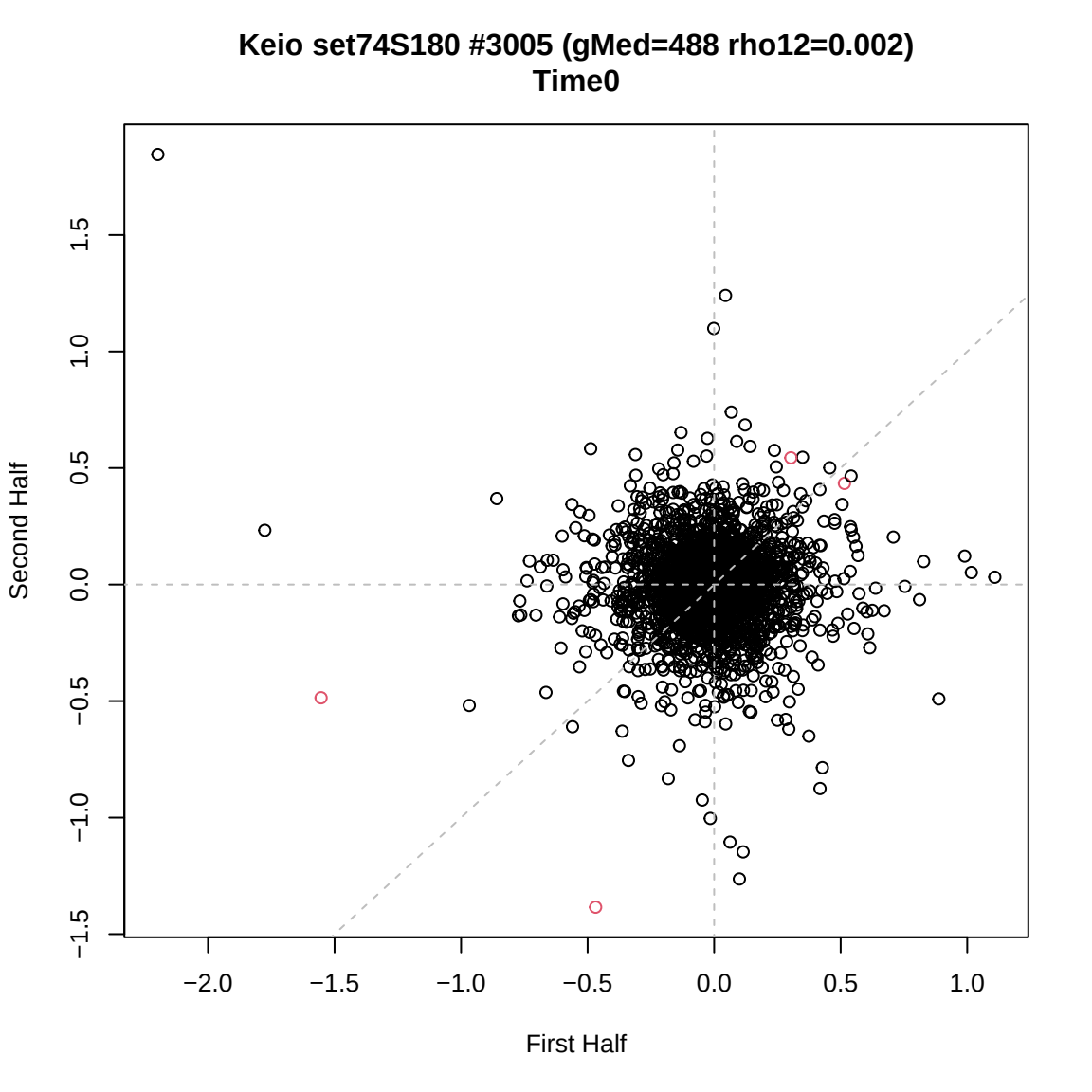

Keio set74S175 #3000 (gMed=311 rho12=0.178)
G17
Second Half
First Half
−3
−2
−1
0
1
2
−3
−2
−1
0
1

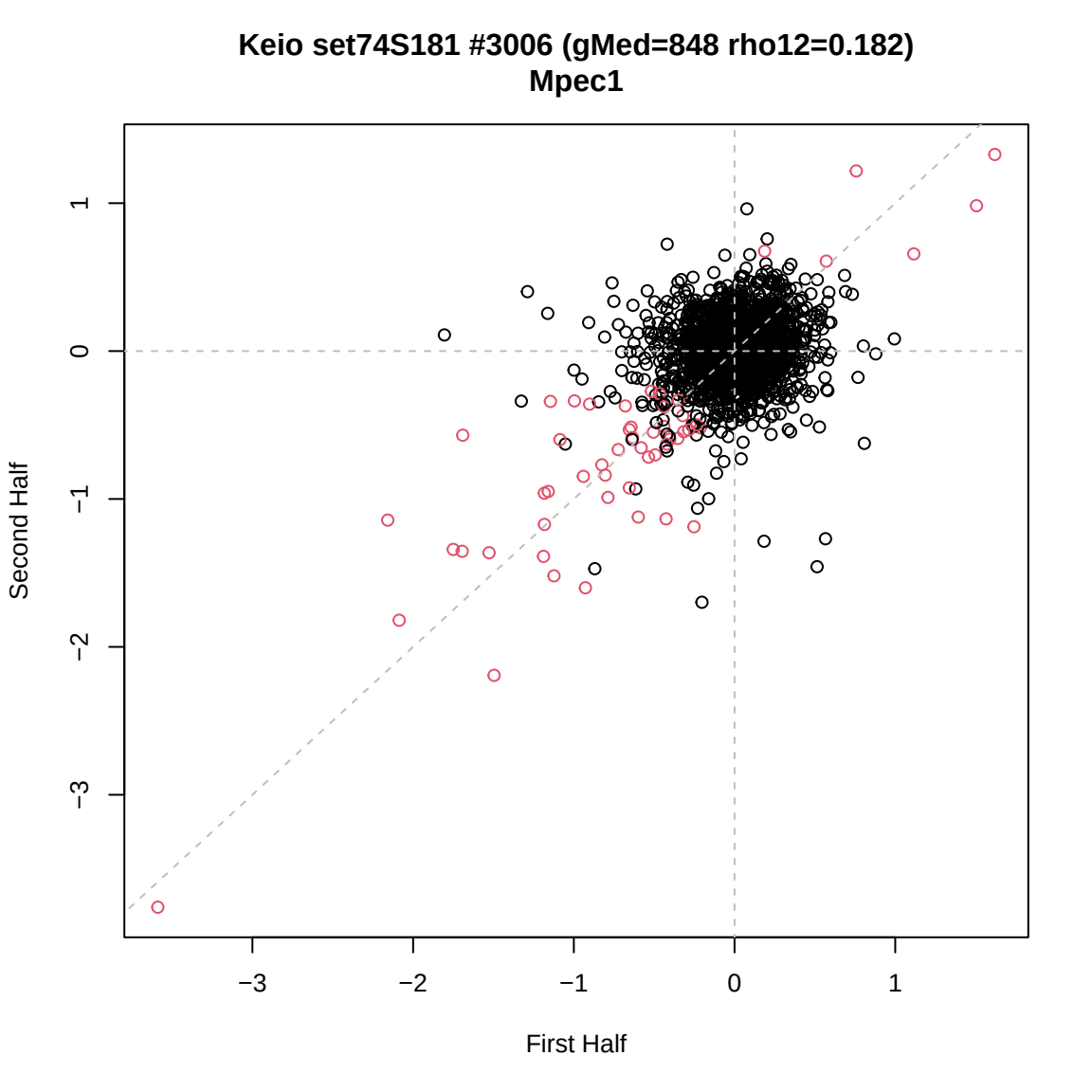

Keio set74S176 #3001 (gMed=361 rho12=0.138)
G17
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

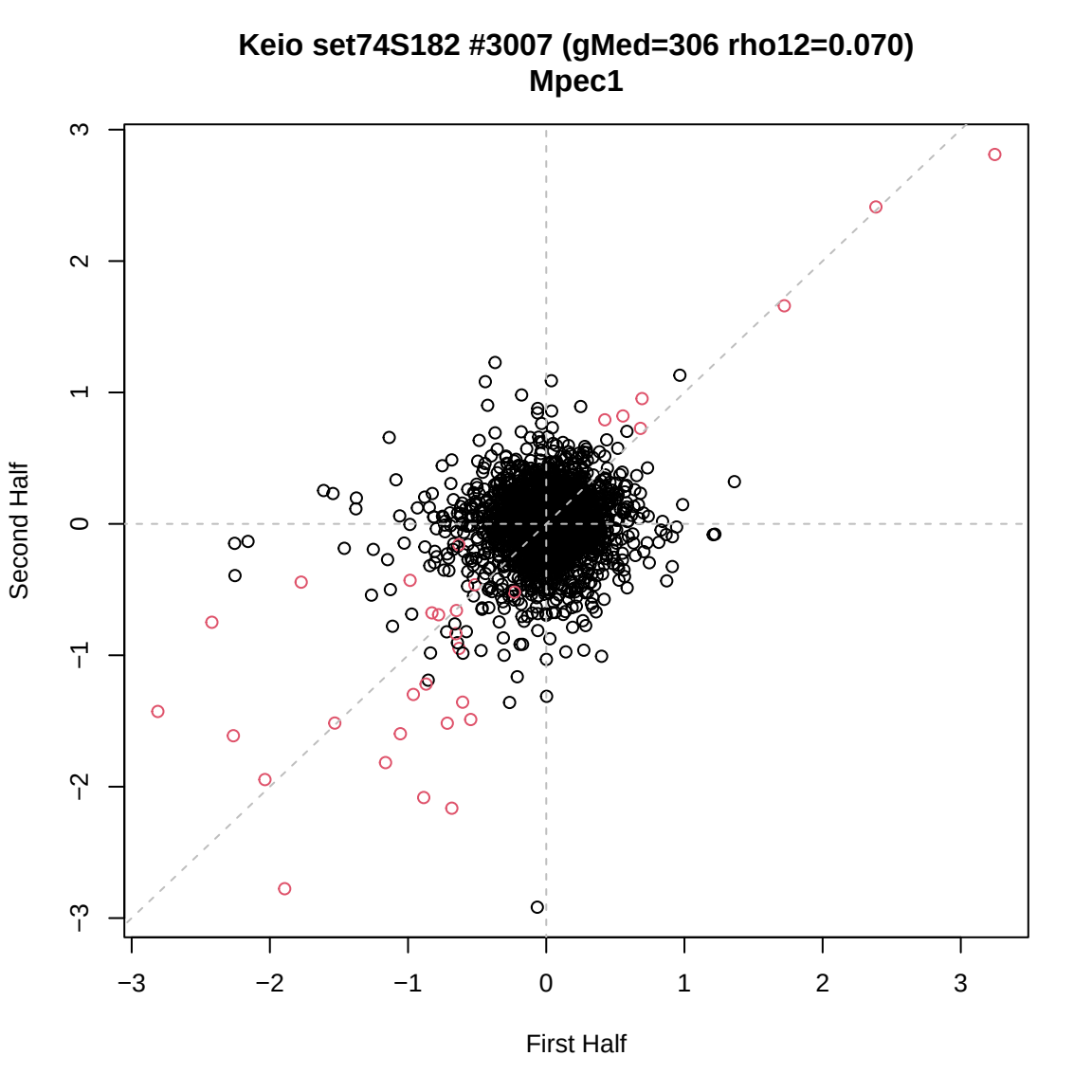

Keio set74S177 #3002 (gMed=0 rho12=0.495)
RhdML7
Second Half
First Half
0
5
10
15

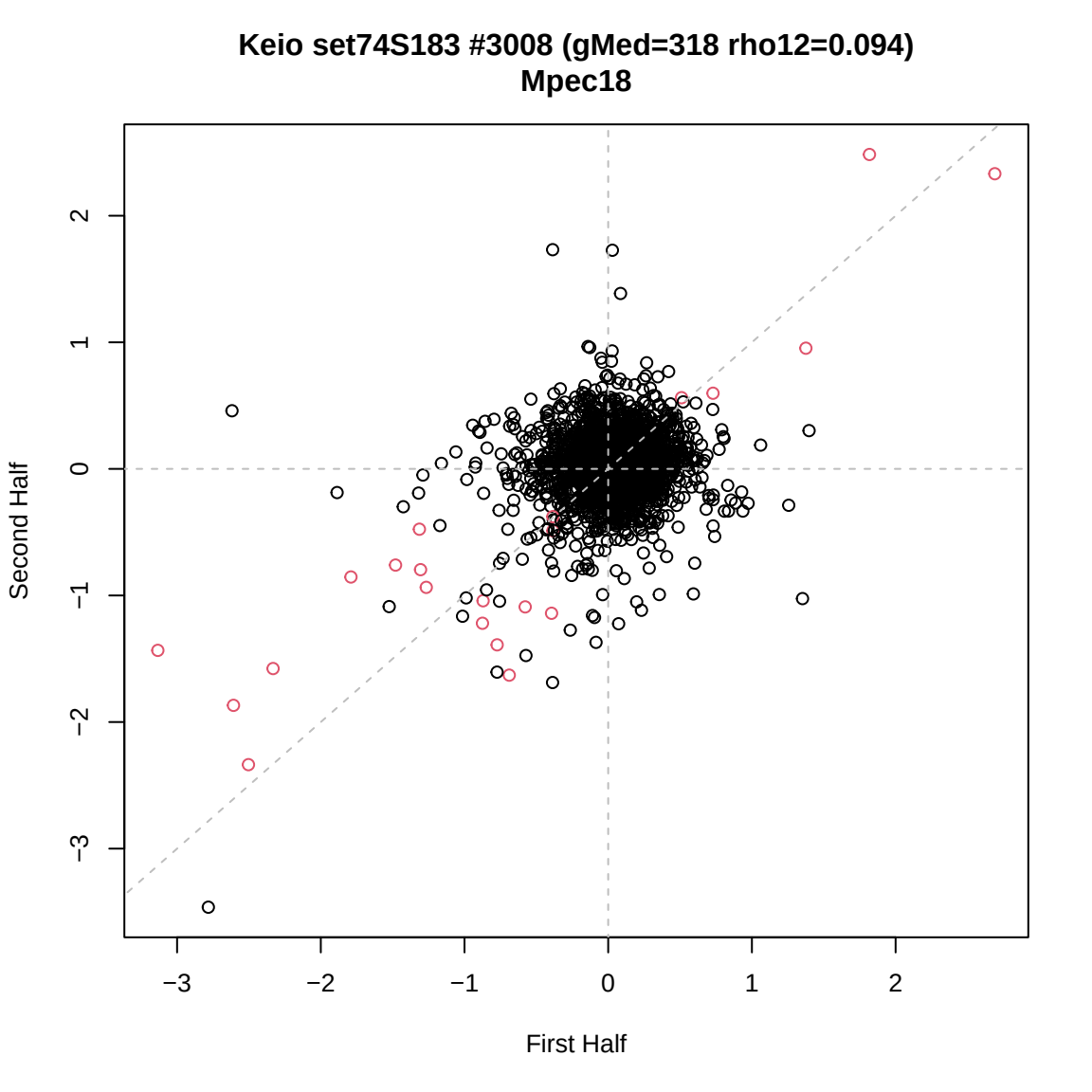

Keio set74S178 #3003 (gMed=0 rho12=0.445)
RhdML7
Second Half
First Half
15
10
5
0
0
5
10
15

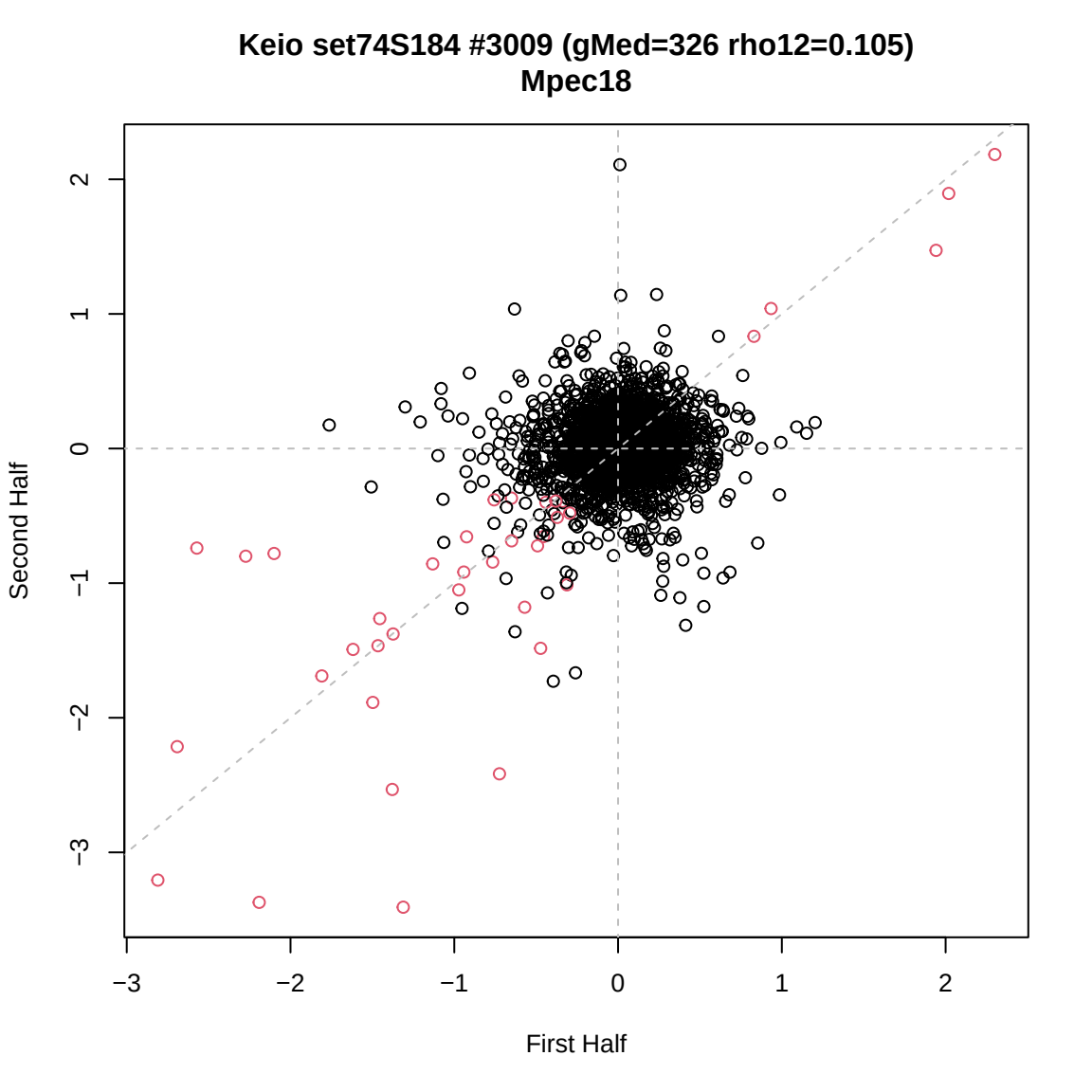

Keio set74S179 #3004 (gMed=475 rho12=0.034)
Time0
Second Half
First Half
1
0
−1
−2
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

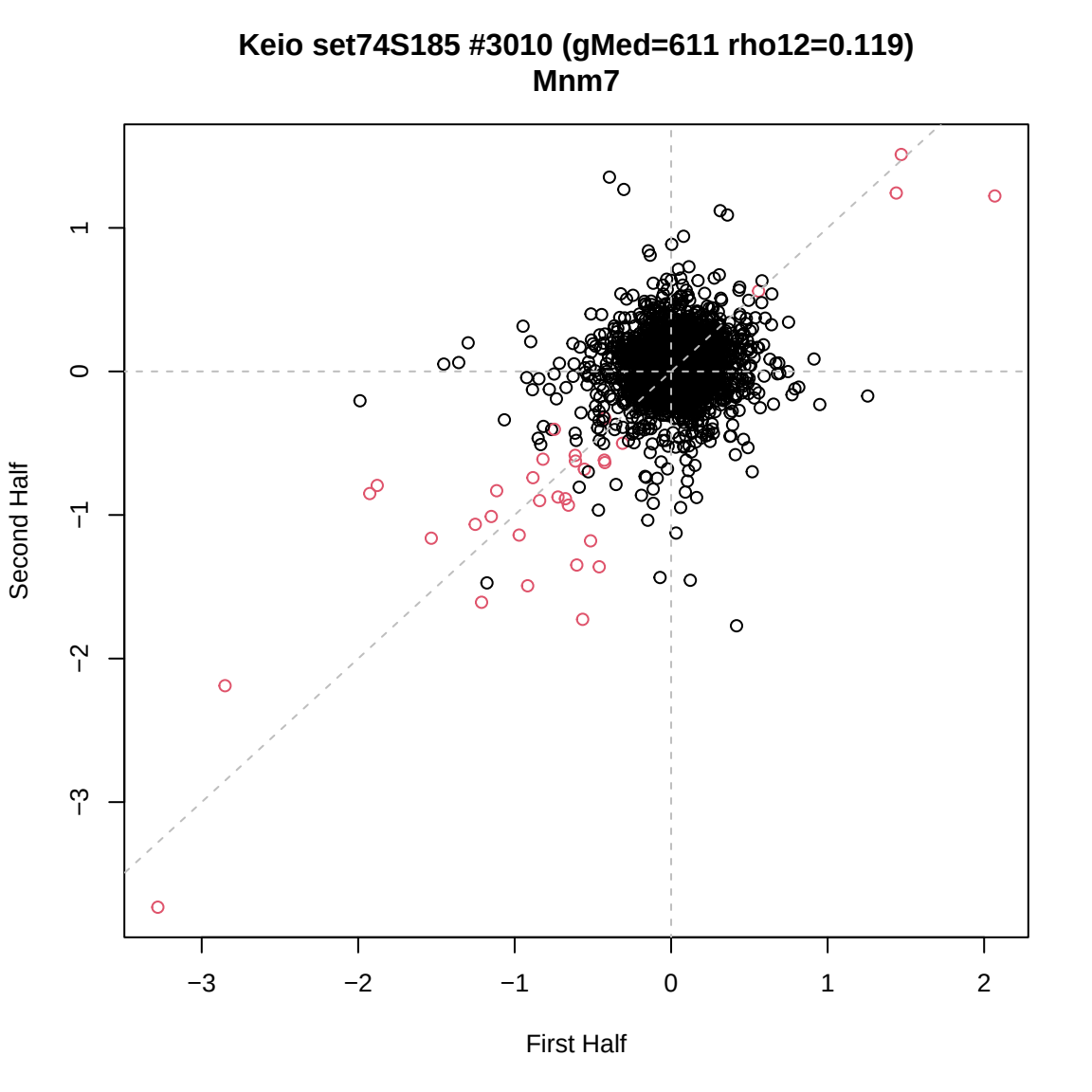

Keio set74S180 #3005 (gMed=488 rho12=0.002)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

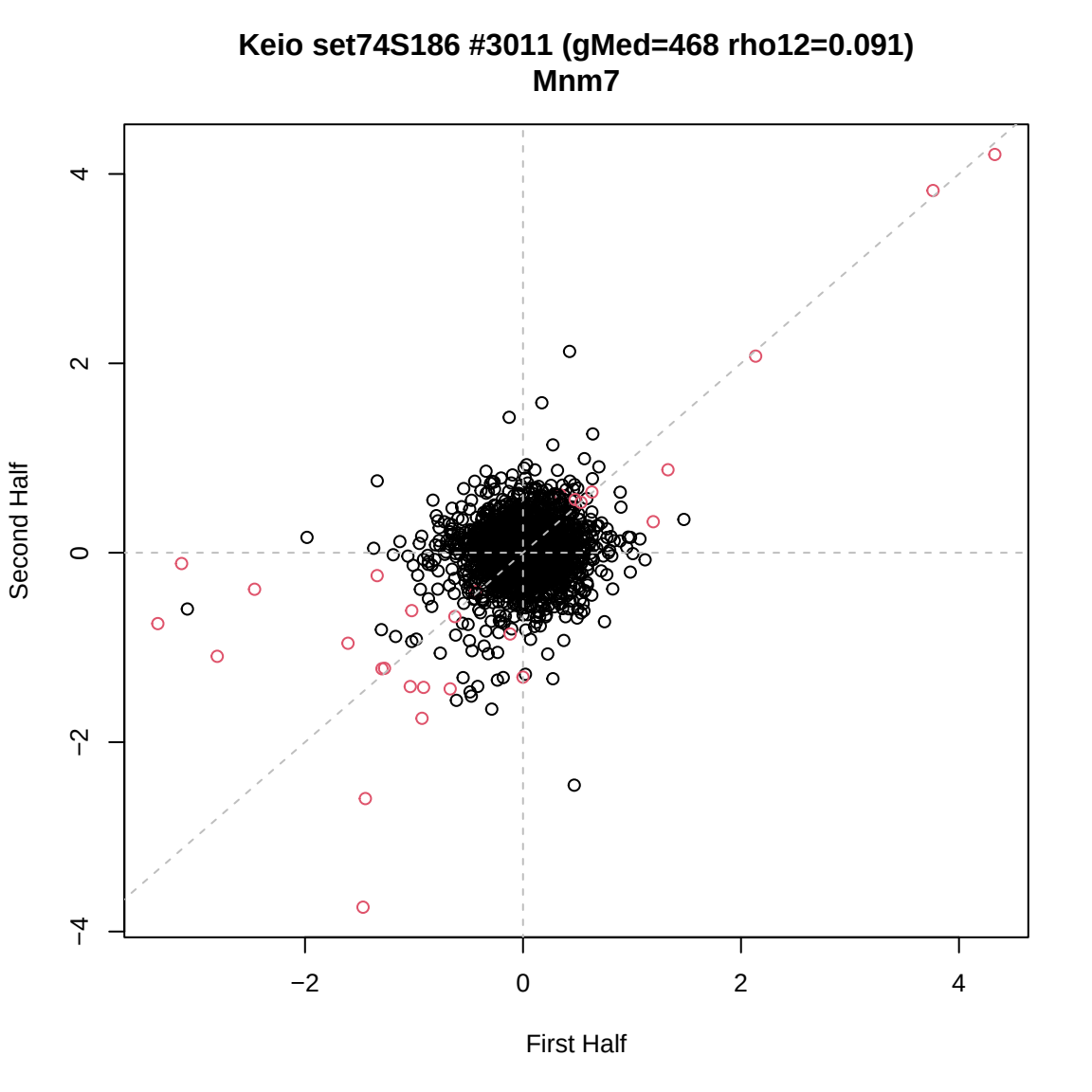

Keio set74S181 #3006 (gMed=848 rho12=0.182)
Mpec1
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

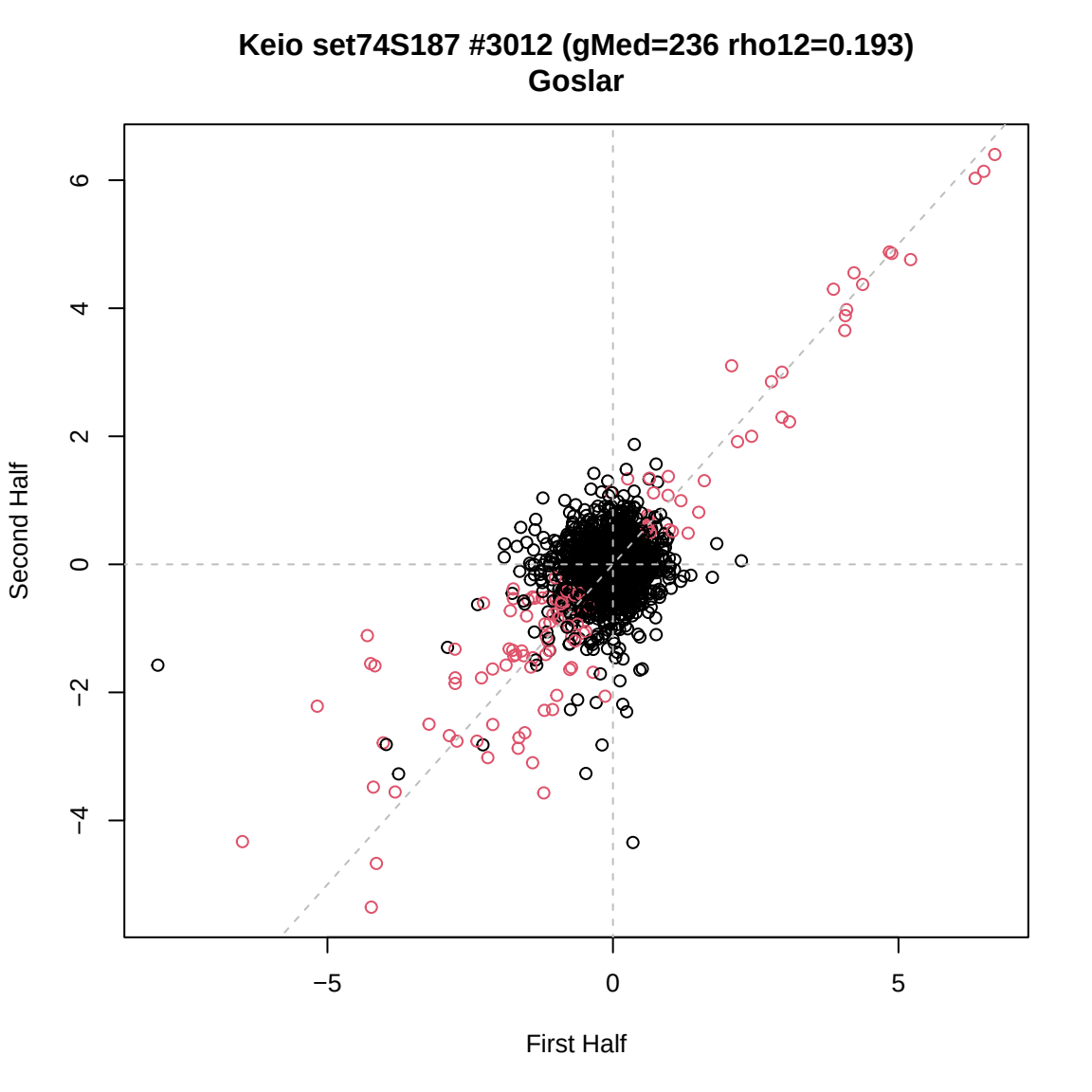

Keio set74S182 #3007 (gMed=306 rho12=0.070)
Mpec1
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

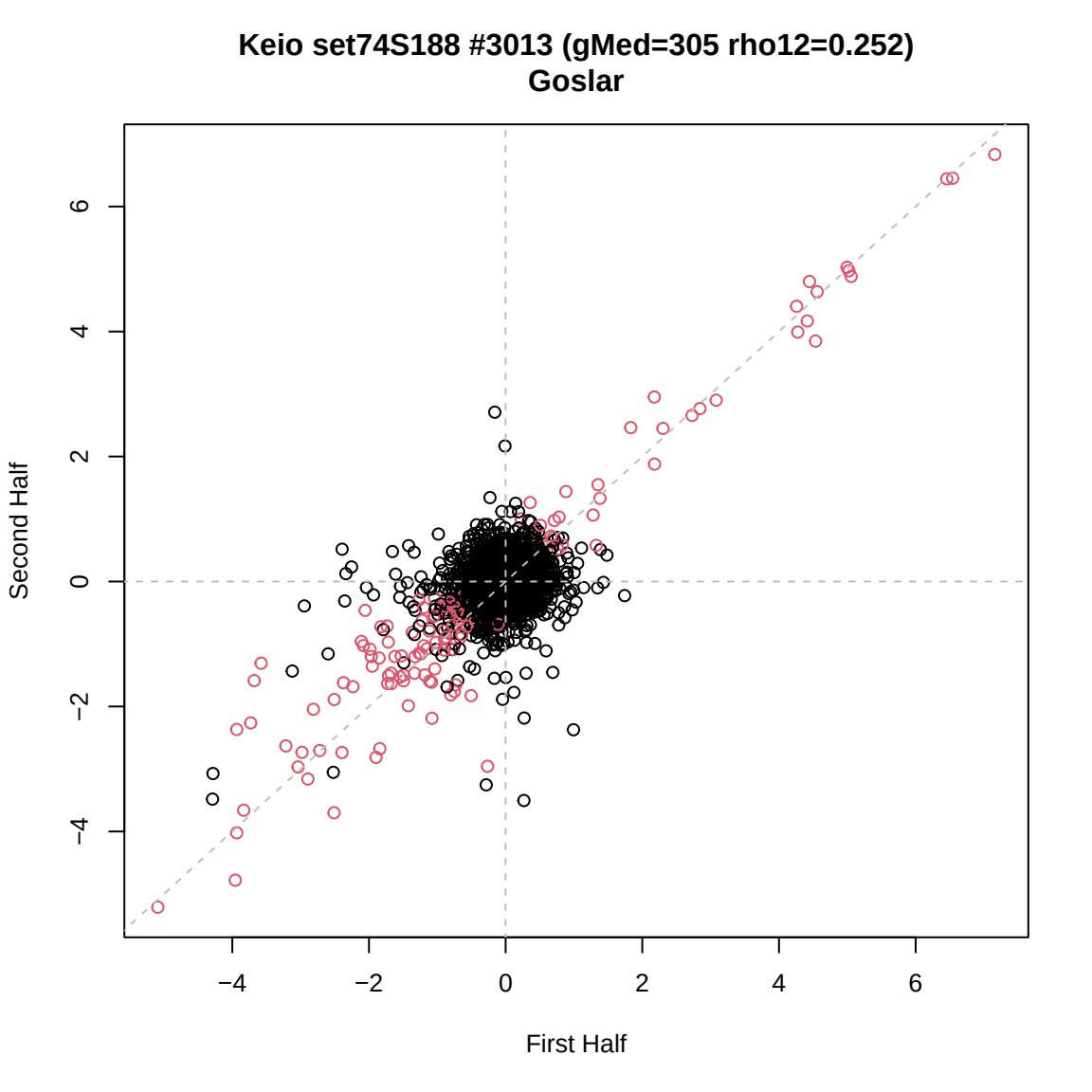

Keio set74S183 #3008 (gMed=318 rho12=0.094)
Mpec18
Second Half
First Half
−3
−2
−1
0
1
2

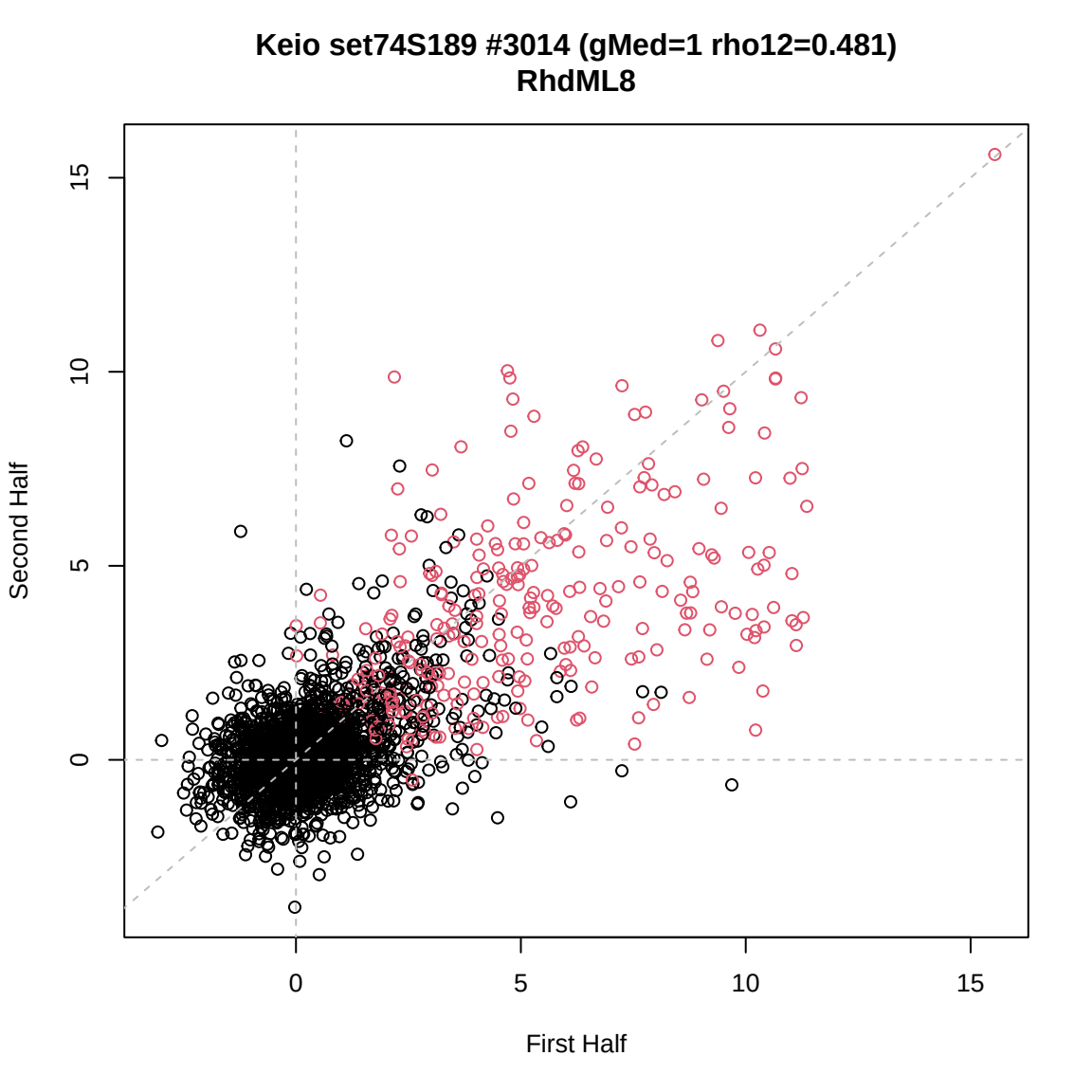

Keio set74S184 #3009 (gMed=326 rho12=0.105)
Mpec18
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

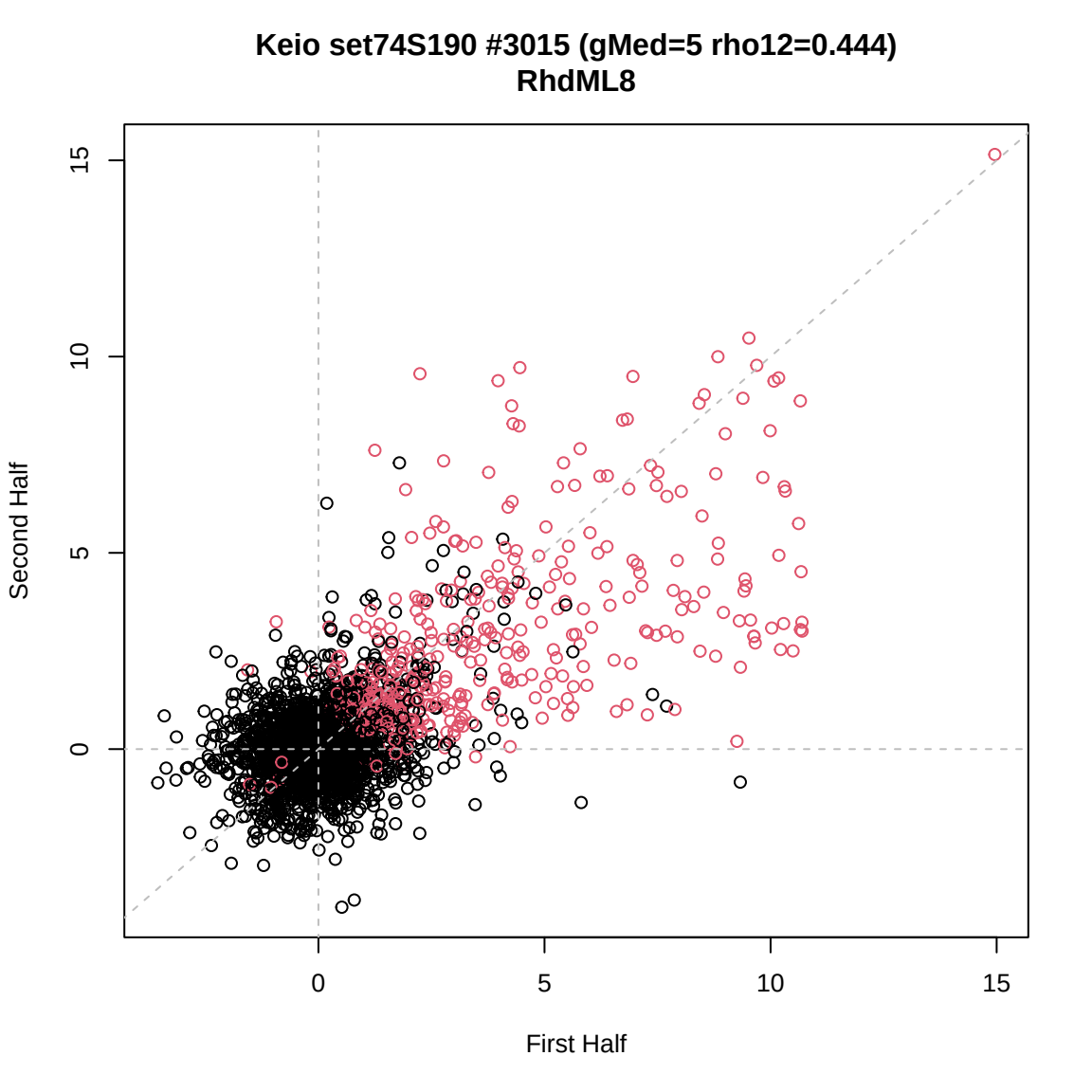

Keio set74S185 #3010 (gMed=611 rho12=0.119)
Mnm7
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

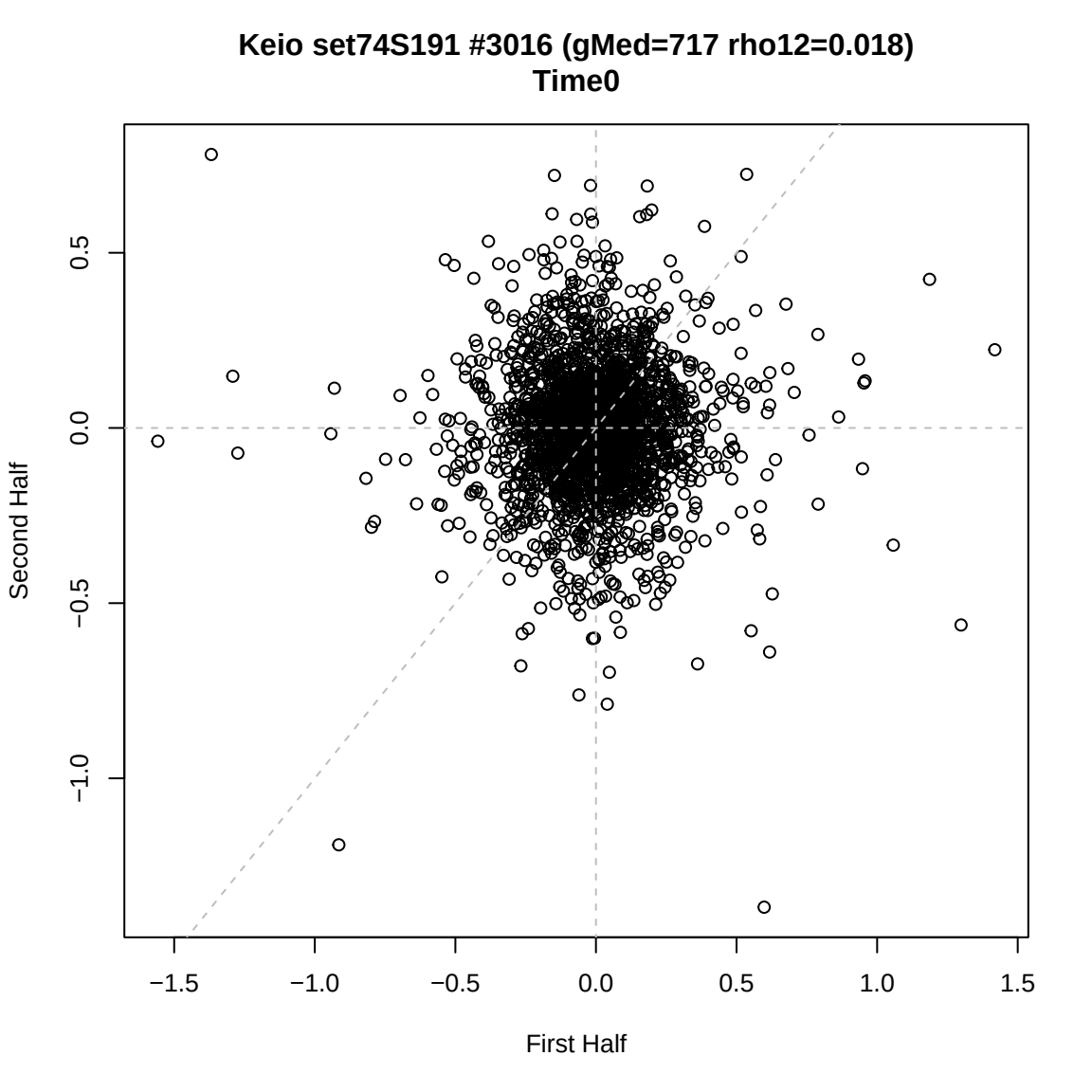

Keio set74S186 #3011 (gMed=468 rho12=0.091)
Mnm7
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

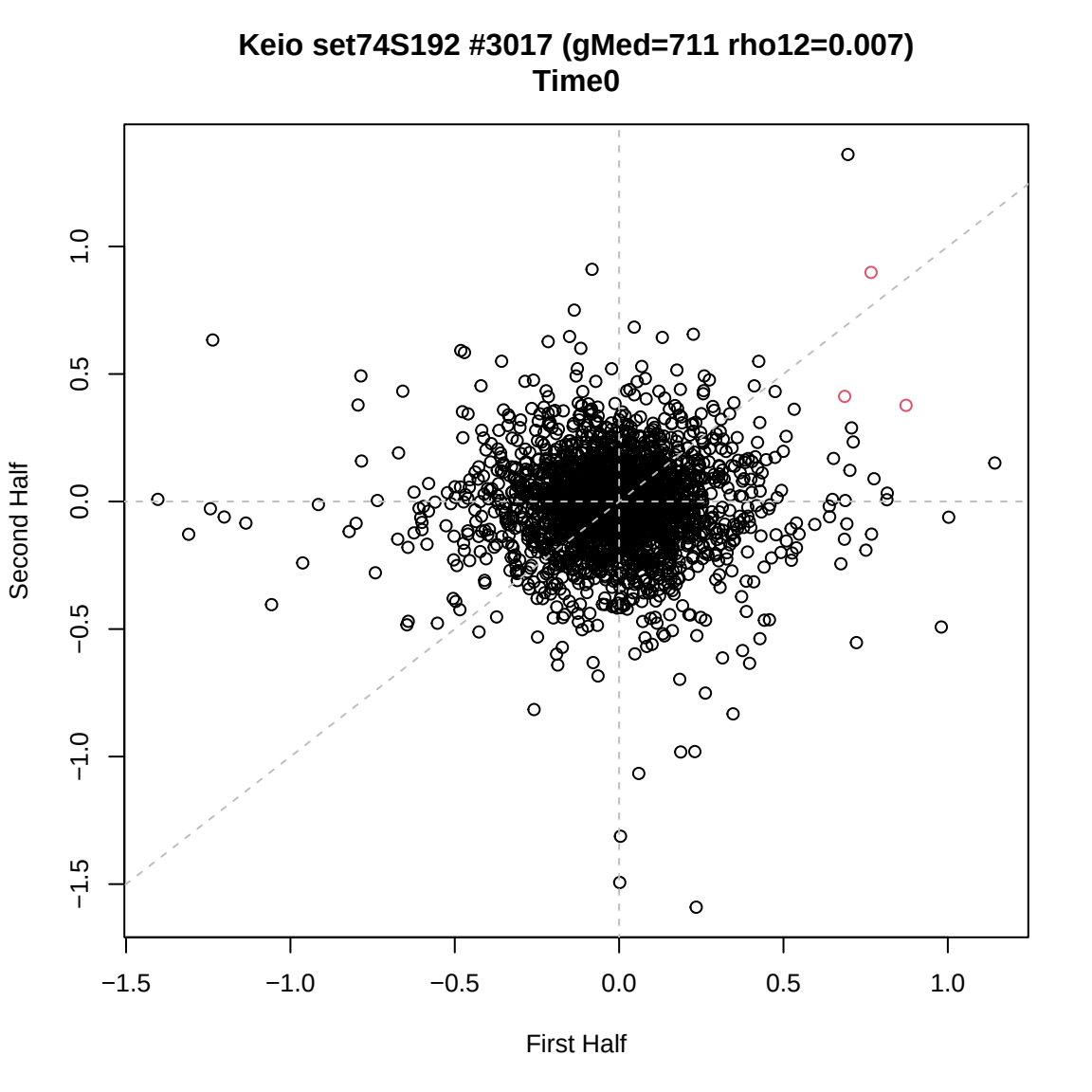

Keio set74S187 #3012 (gMed=236 rho12=0.193)
Goslar
Second Half
First Half
6
4
2
0
−2
−4
−5
0
5

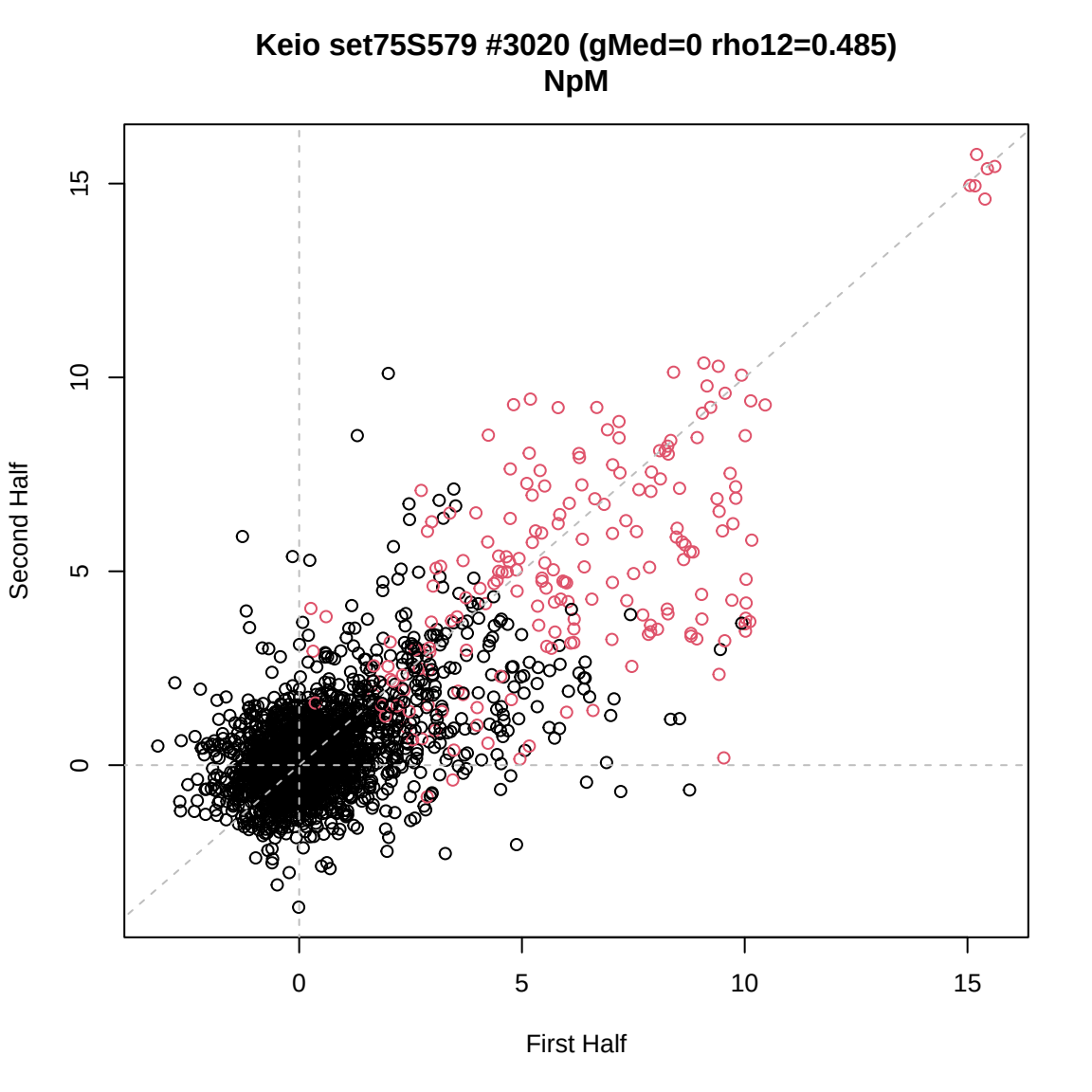

Keio set74S188 #3013 (gMed=305 rho12=0.252)
Goslar
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

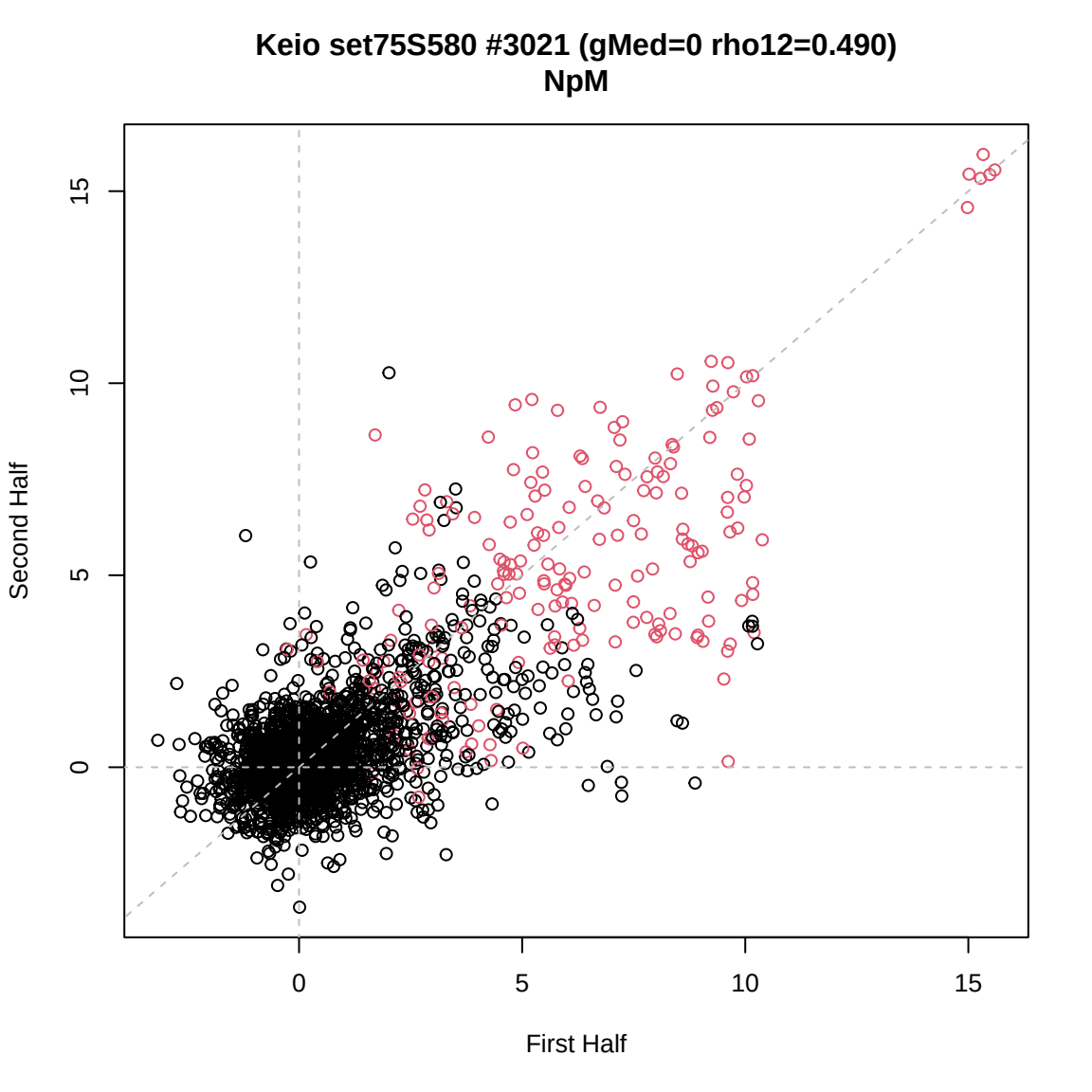

Keio set74S189 #3014 (gMed=1 rho12=0.481)
RhdML8
Second Half
First Half
0
5
10
15

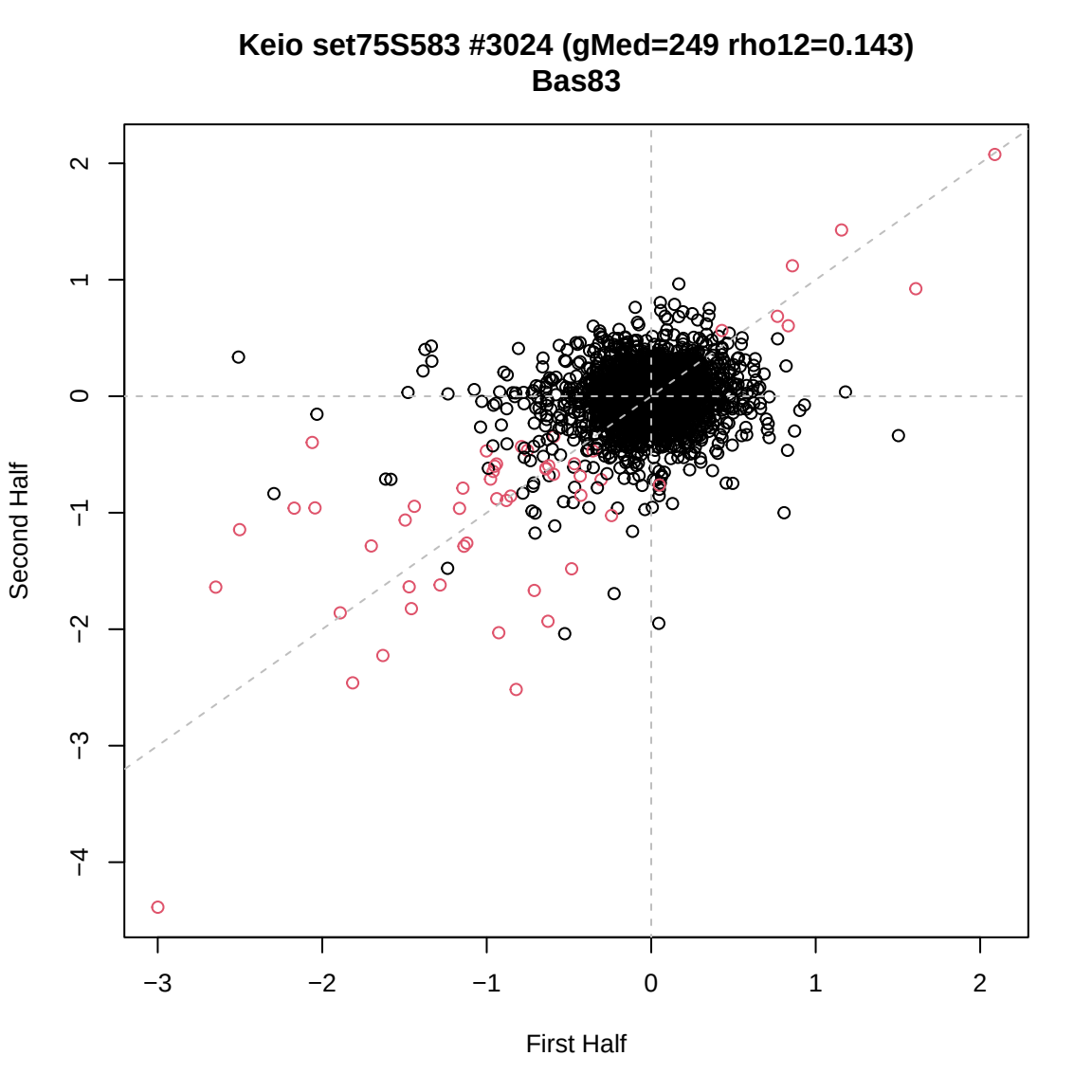

Keio set74S190 #3015 (gMed=5 rho12=0.444)
RhdML8
Second Half
First Half
0
5
10
15

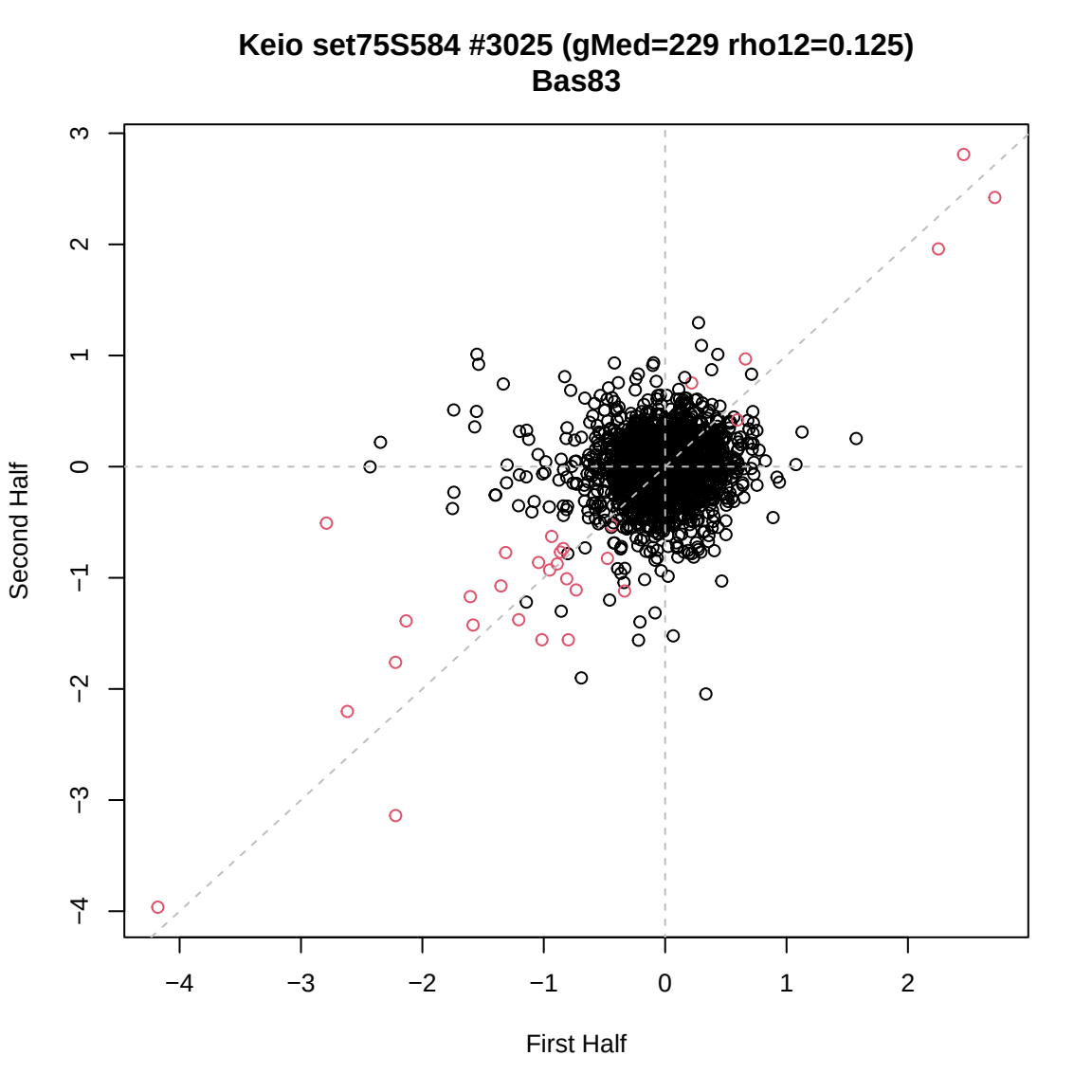

Keio set74S191 #3016 (gMed=717 rho12=0.018)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

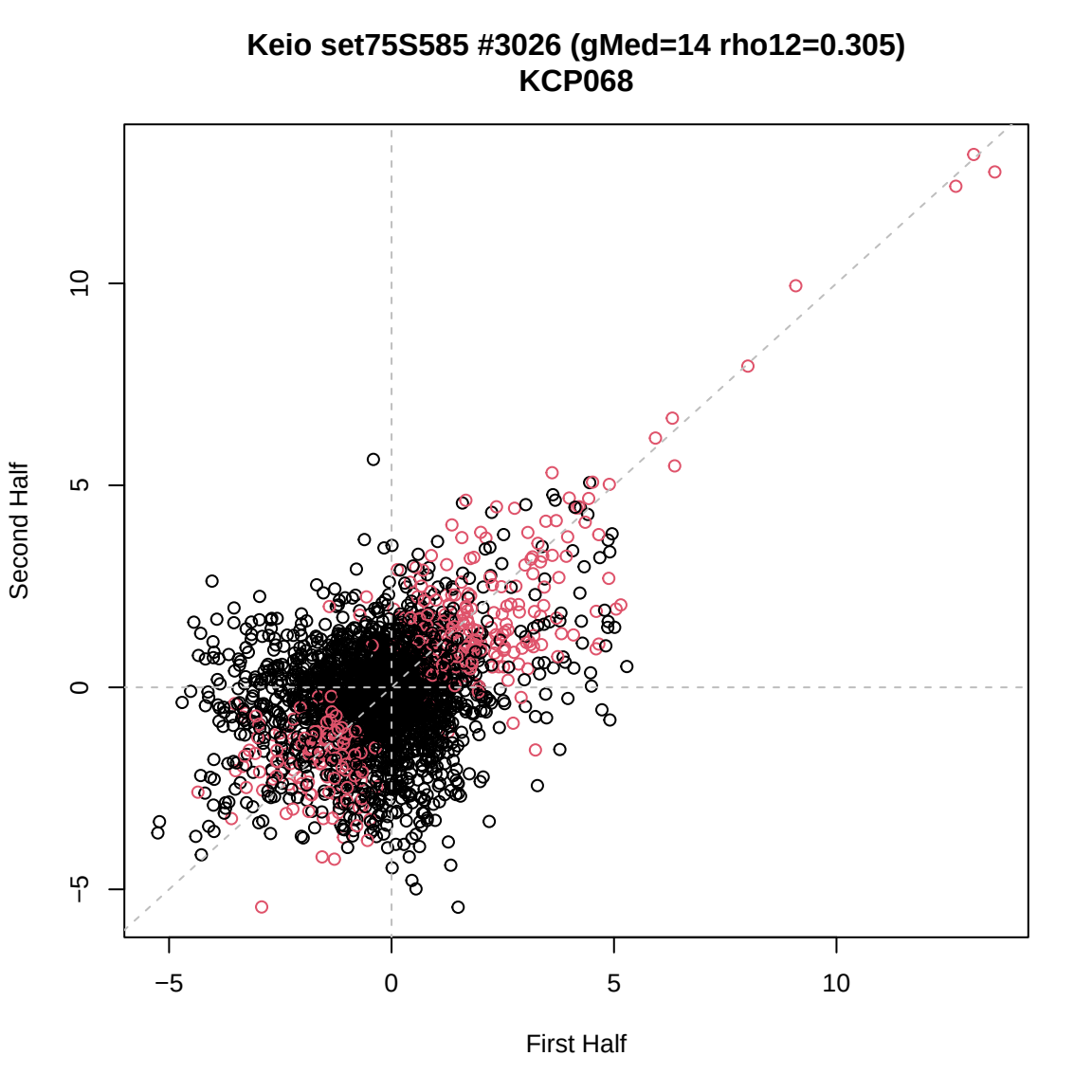

Keio set74S192 #3017 (gMed=711 rho12=0.007)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

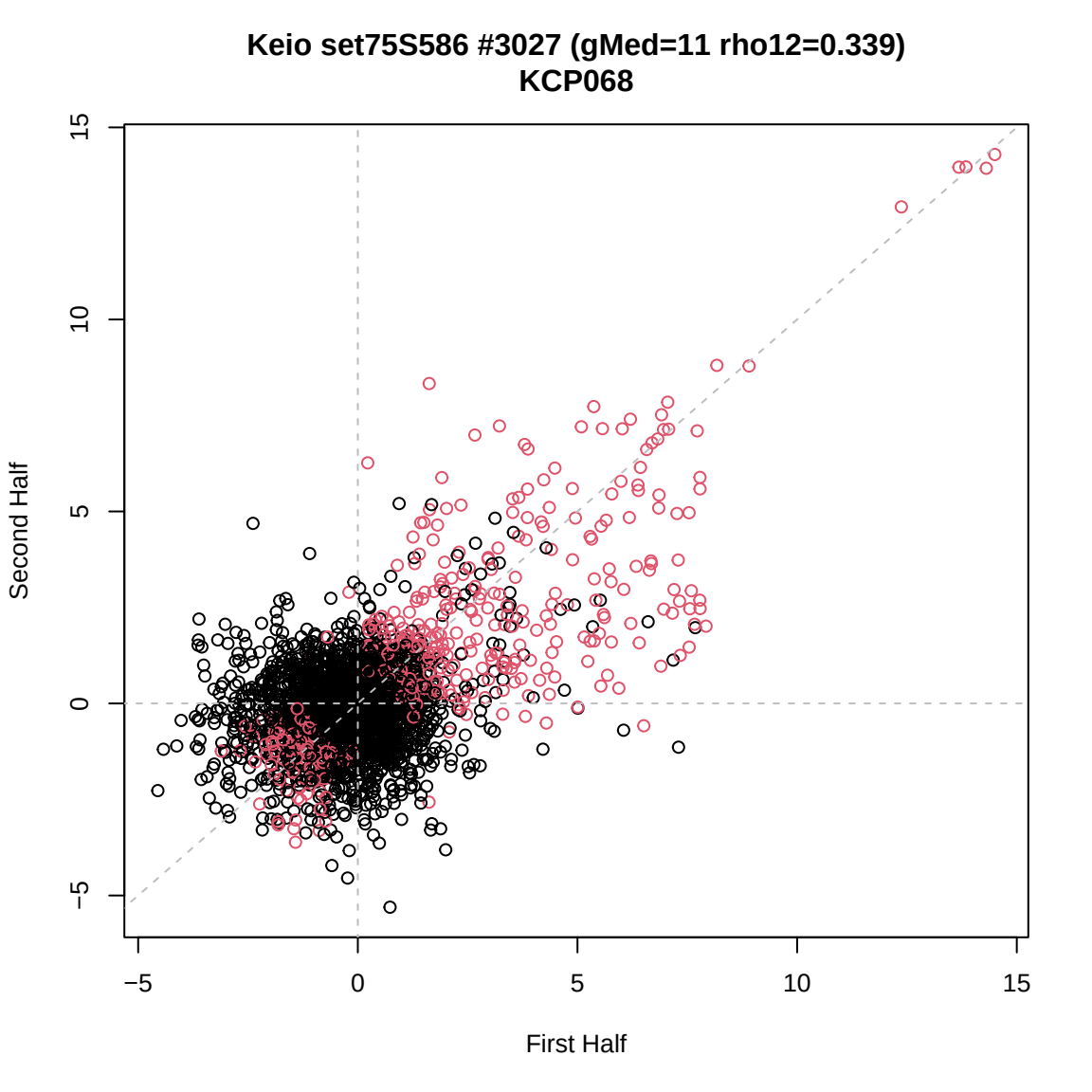

Keio set75S579 #3020 (gMed=0 rho12=0.485)
NpM
Second Half
First Half
0
5
10
15
0
5
10
15

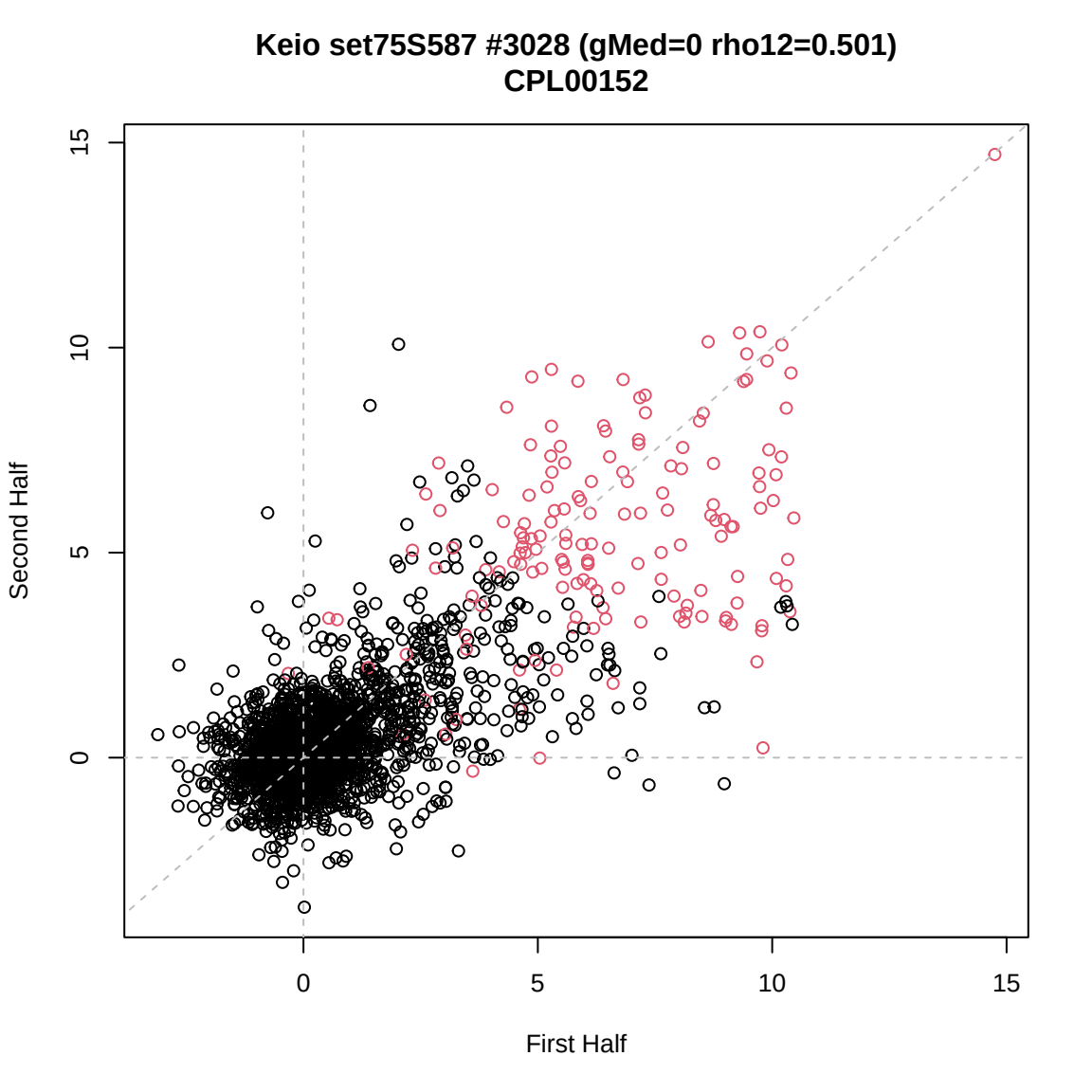

Keio set75S580 #3021 (gMed=0 rho12=0.490)
NpM
Second Half
First Half
0
5
10
15

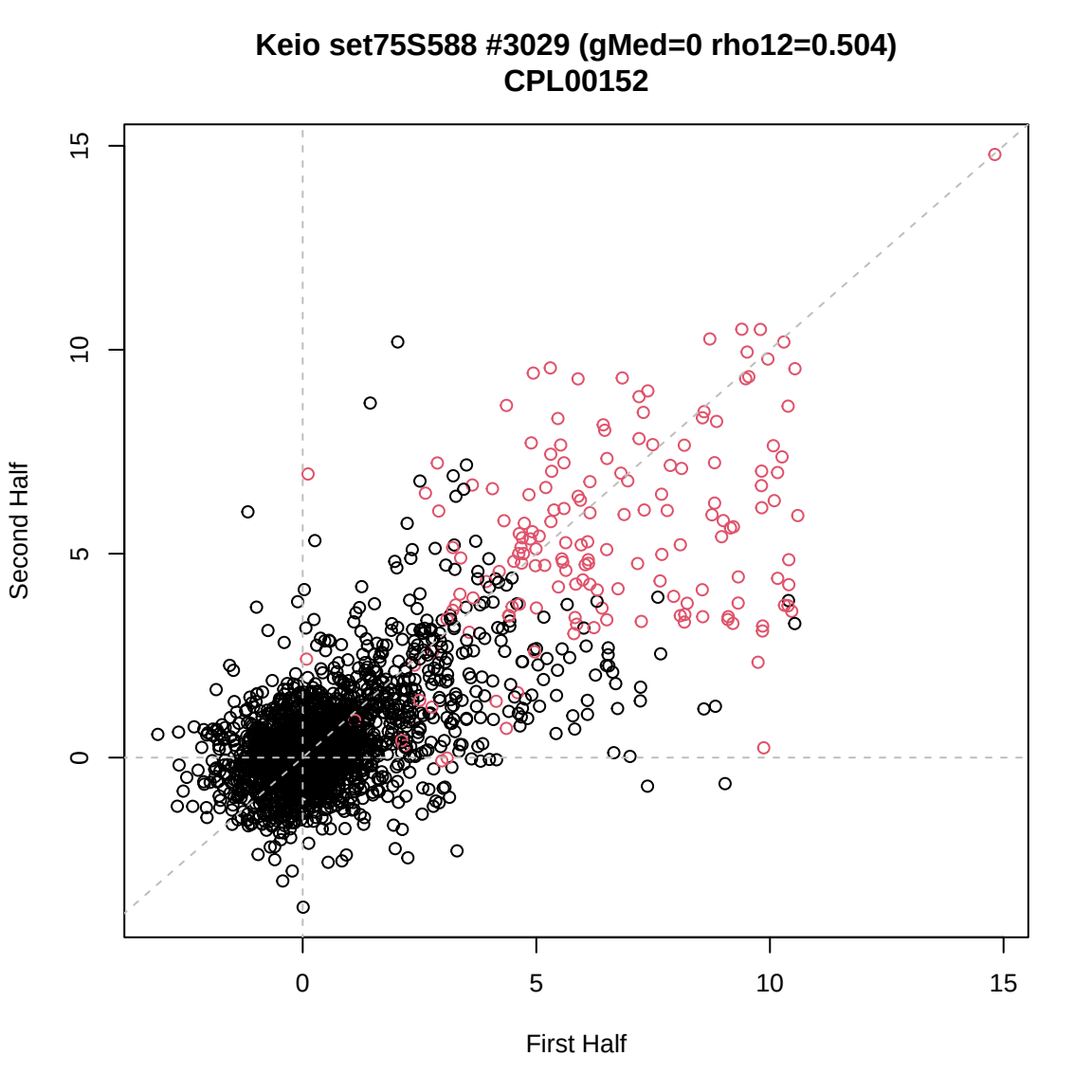

Keio set75S583 #3024 (gMed=249 rho12=0.143)
Bas83
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

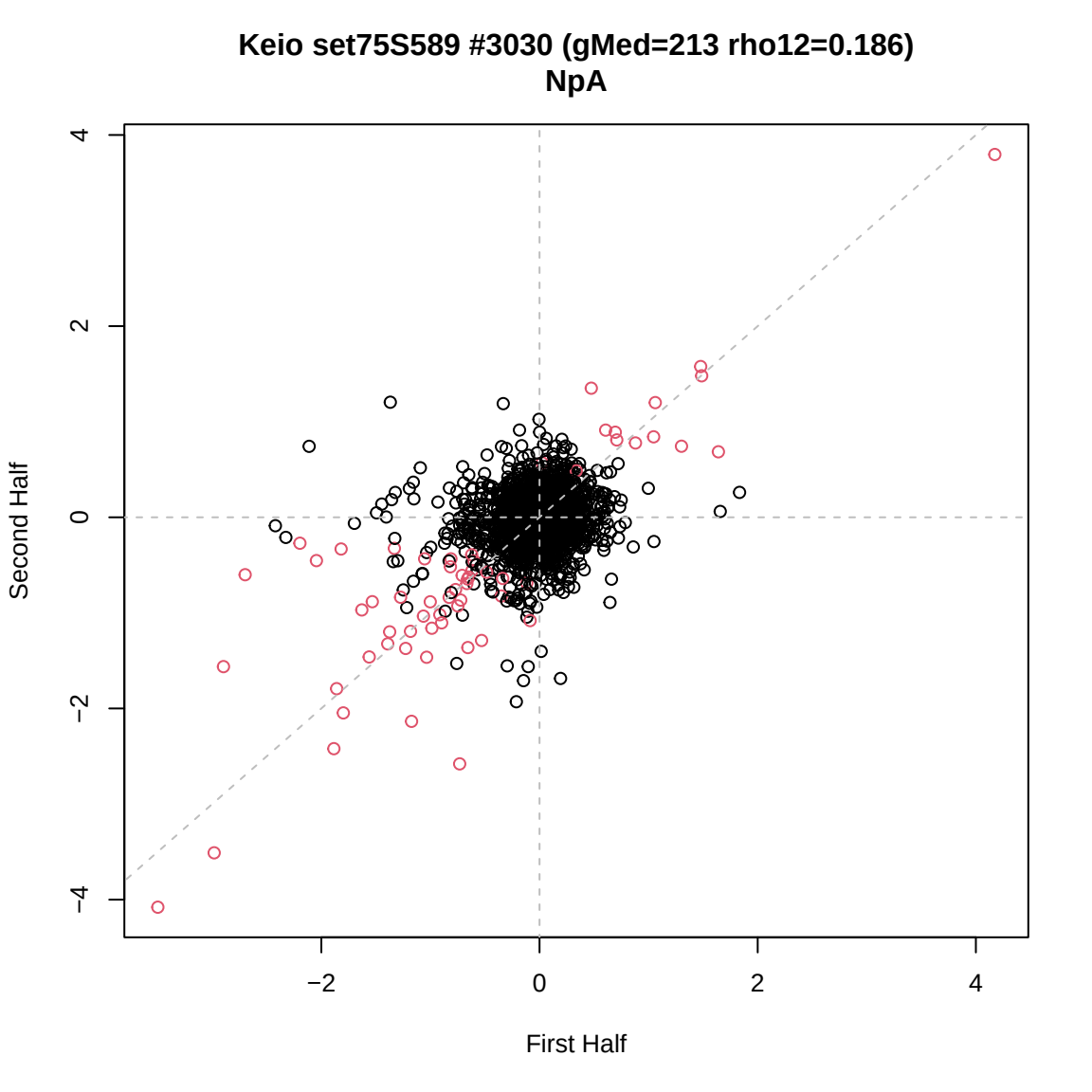

Keio set75S584 #3025 (gMed=229 rho12=0.125)
Bas83
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

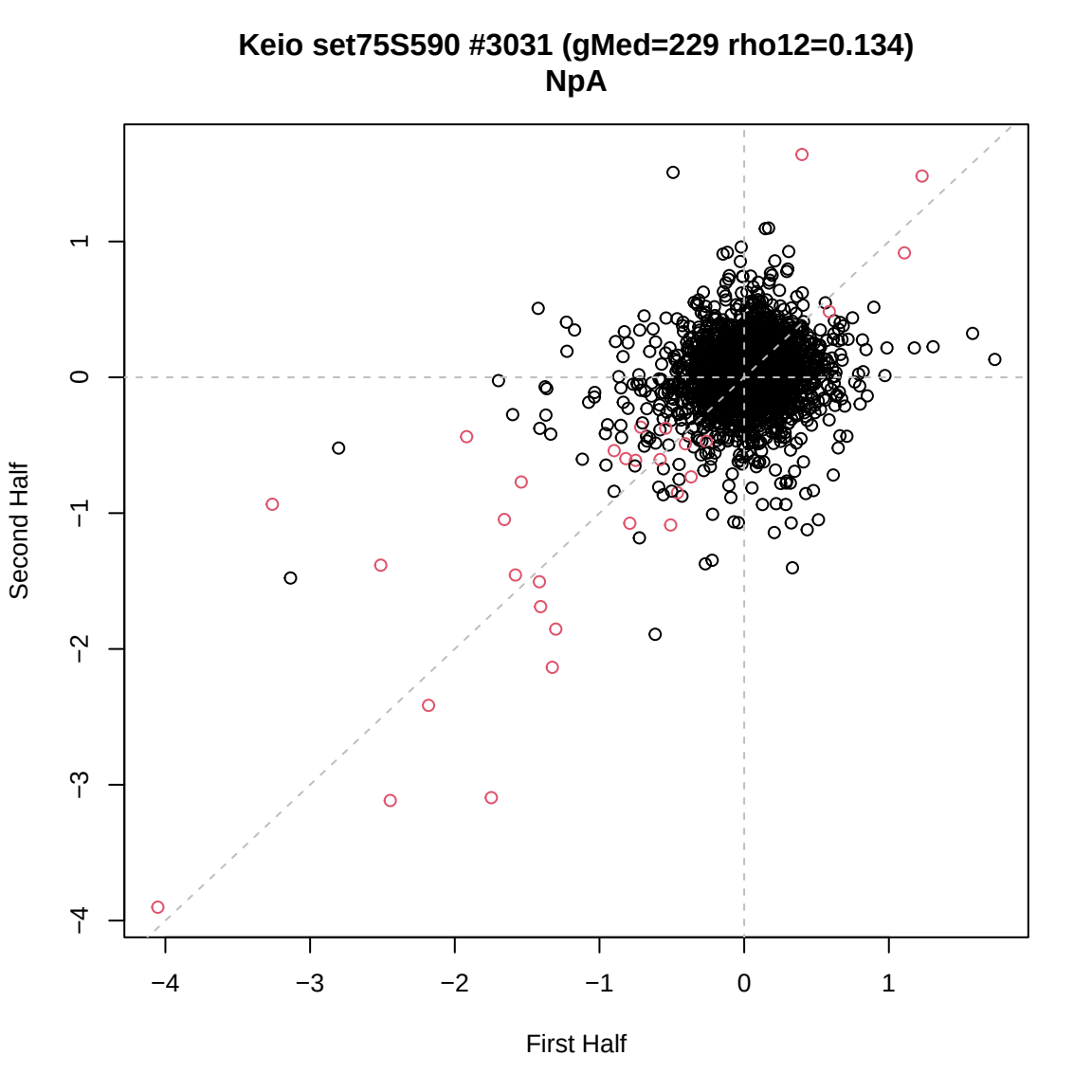

Keio set75S585 #3026 (gMed=14 rho12=0.305)
KCP068
Second Half
First Half
10
5
0
−5
−5
0
5
10

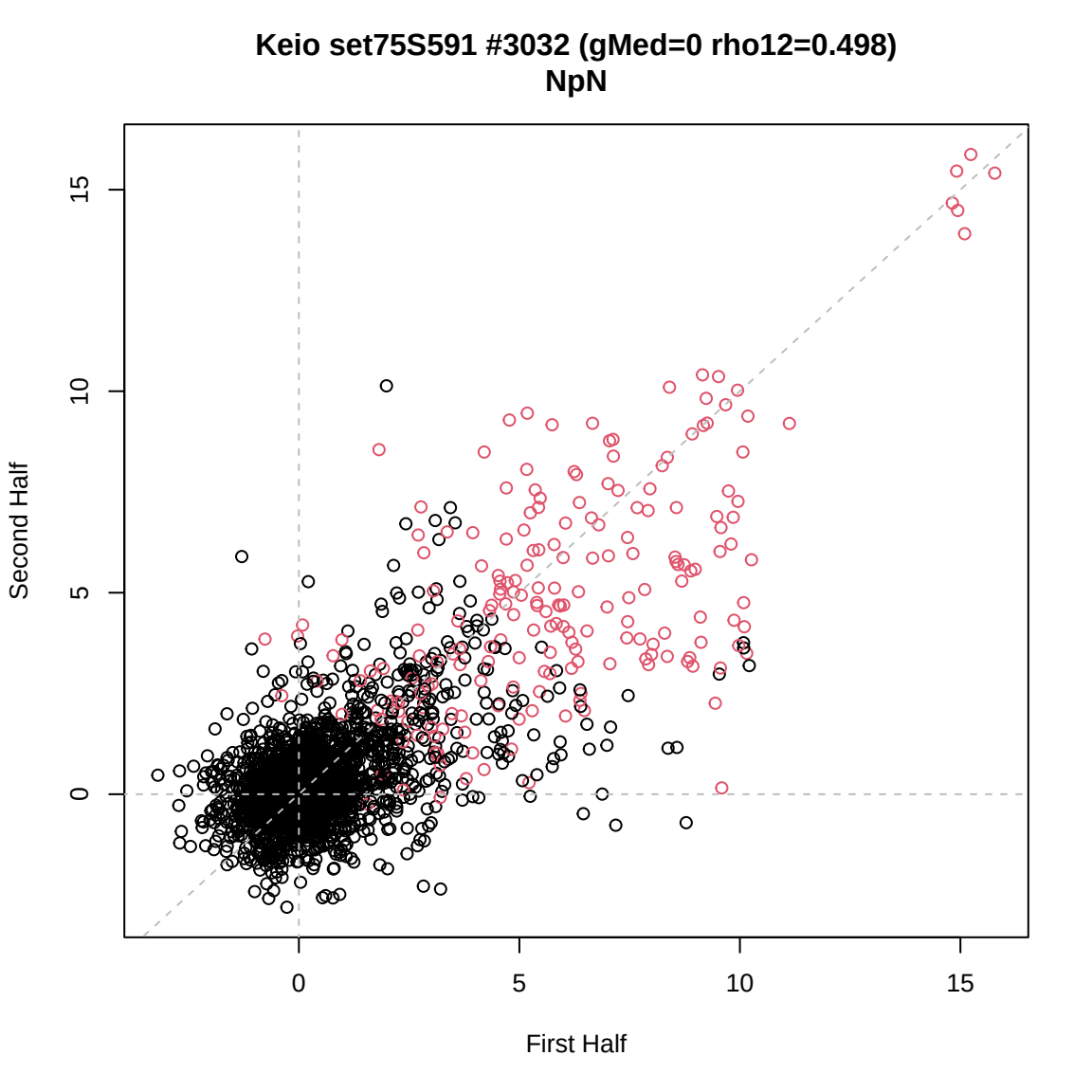

Keio set75S586 #3027 (gMed=11 rho12=0.339)
KCP068
Second Half
First Half
15
10
5
0
−5
−5
0
5
10
15

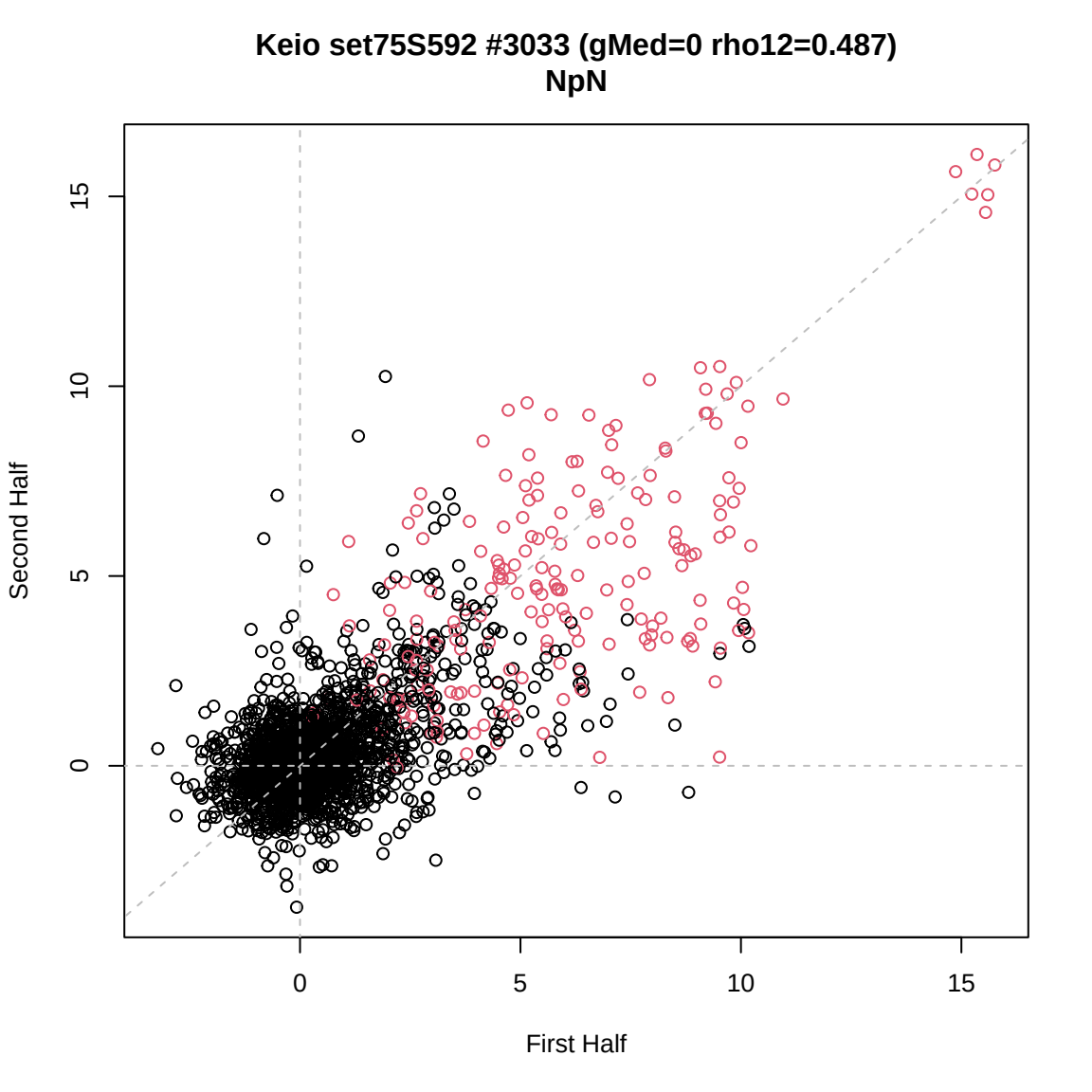

Keio set75S587 #3028 (gMed=0 rho12=0.501)
CPL00152
Second Half
First Half
15
10
5
0
0
5
10
15

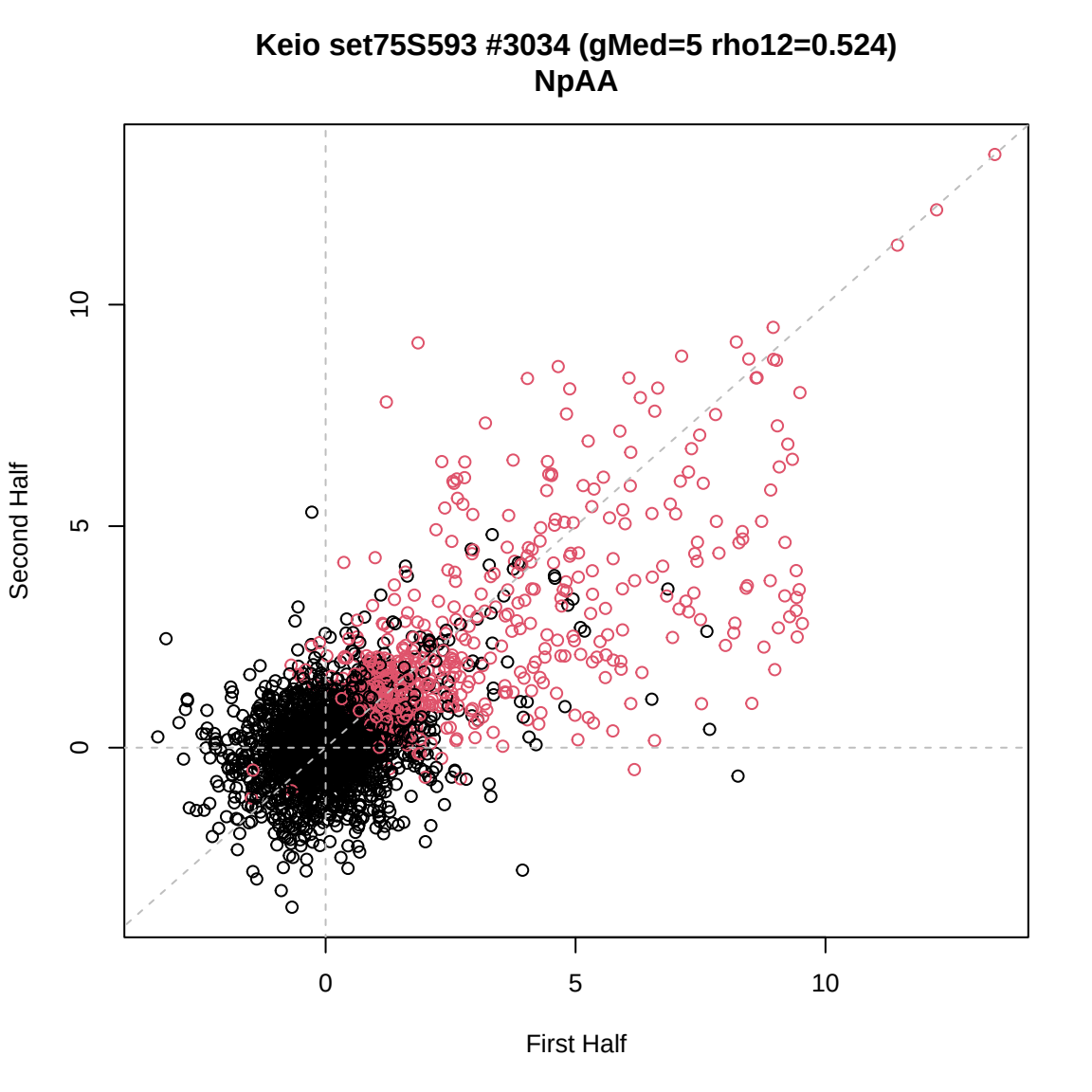

Keio set75S588 #3029 (gMed=0 rho12=0.504)
CPL00152
Second Half
First Half
0
5
10
15

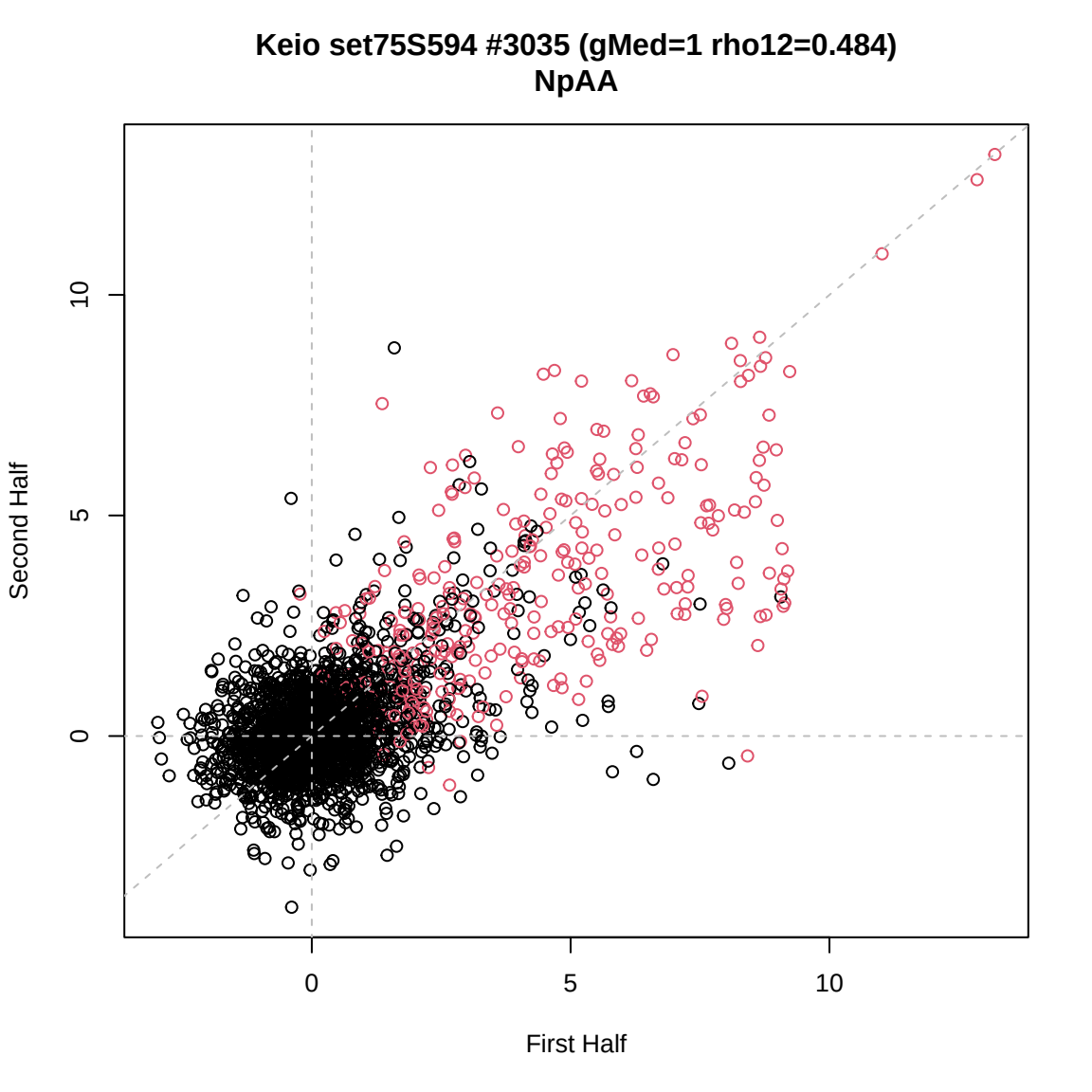

Keio set75S589 #3030 (gMed=213 rho12=0.186)
NpA
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

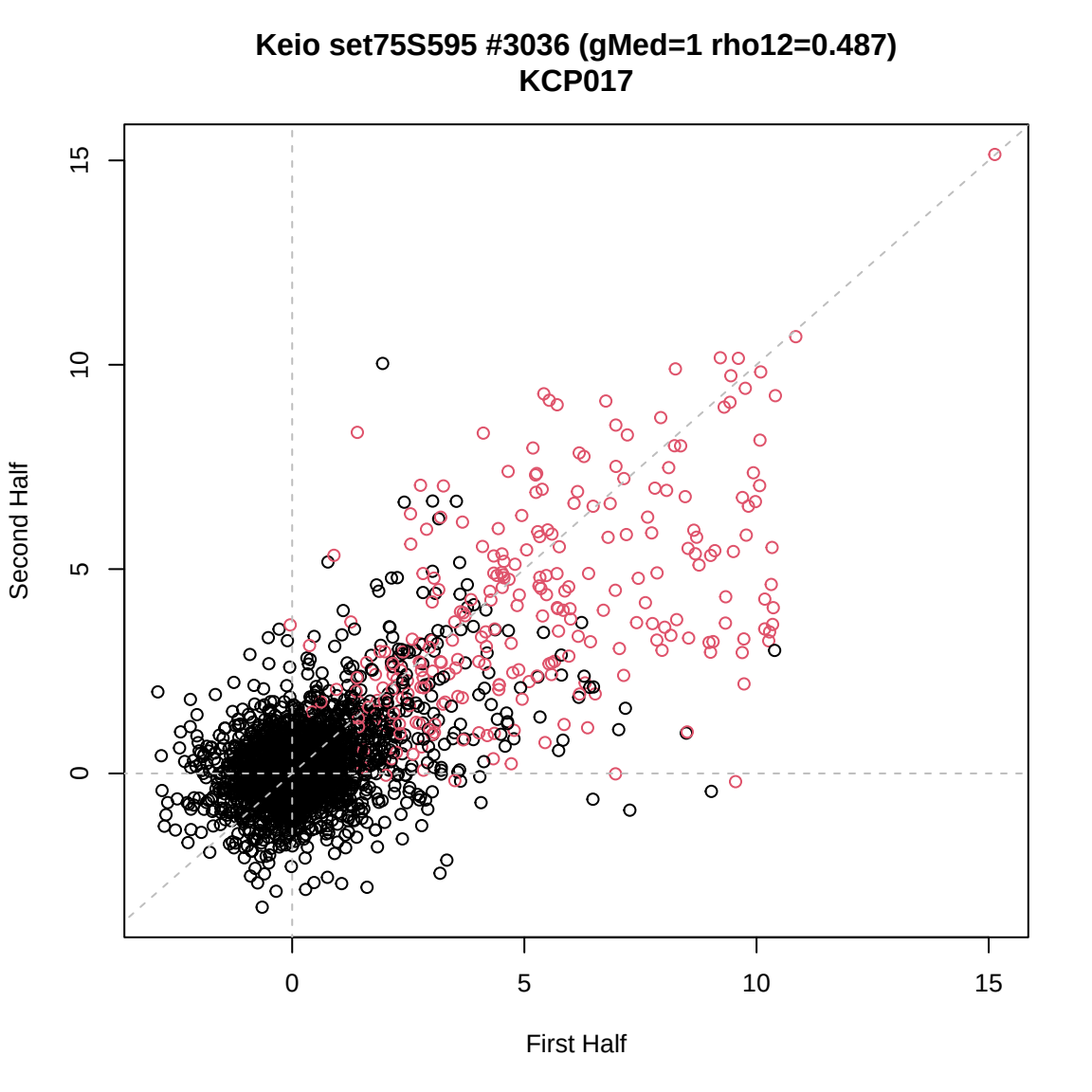

Keio set75S590 #3031 (gMed=229 rho12=0.134)
NpA
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

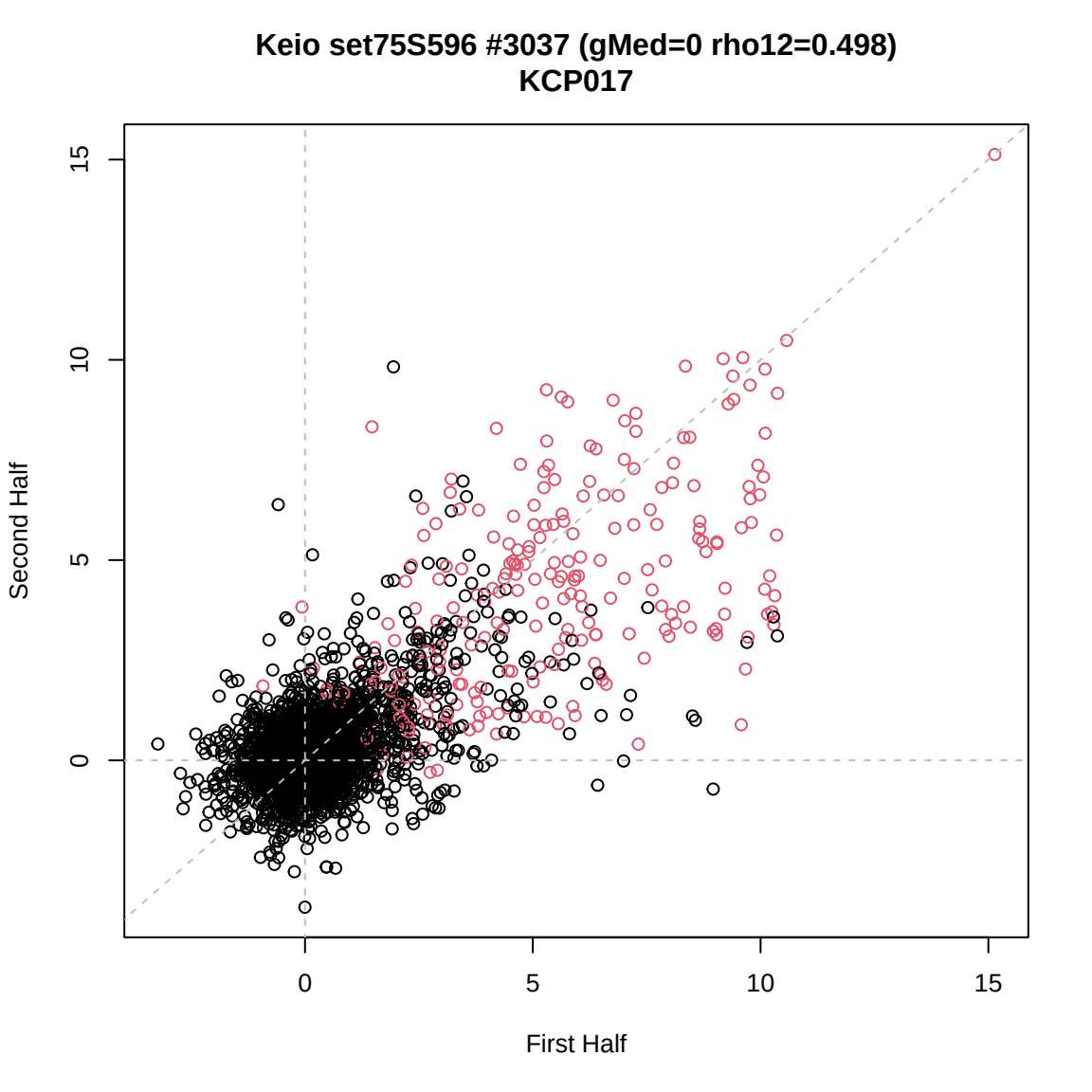

Keio set75S591 #3032 (gMed=0 rho12=0.498)
NpN
Second Half
First Half
0
5
10
15

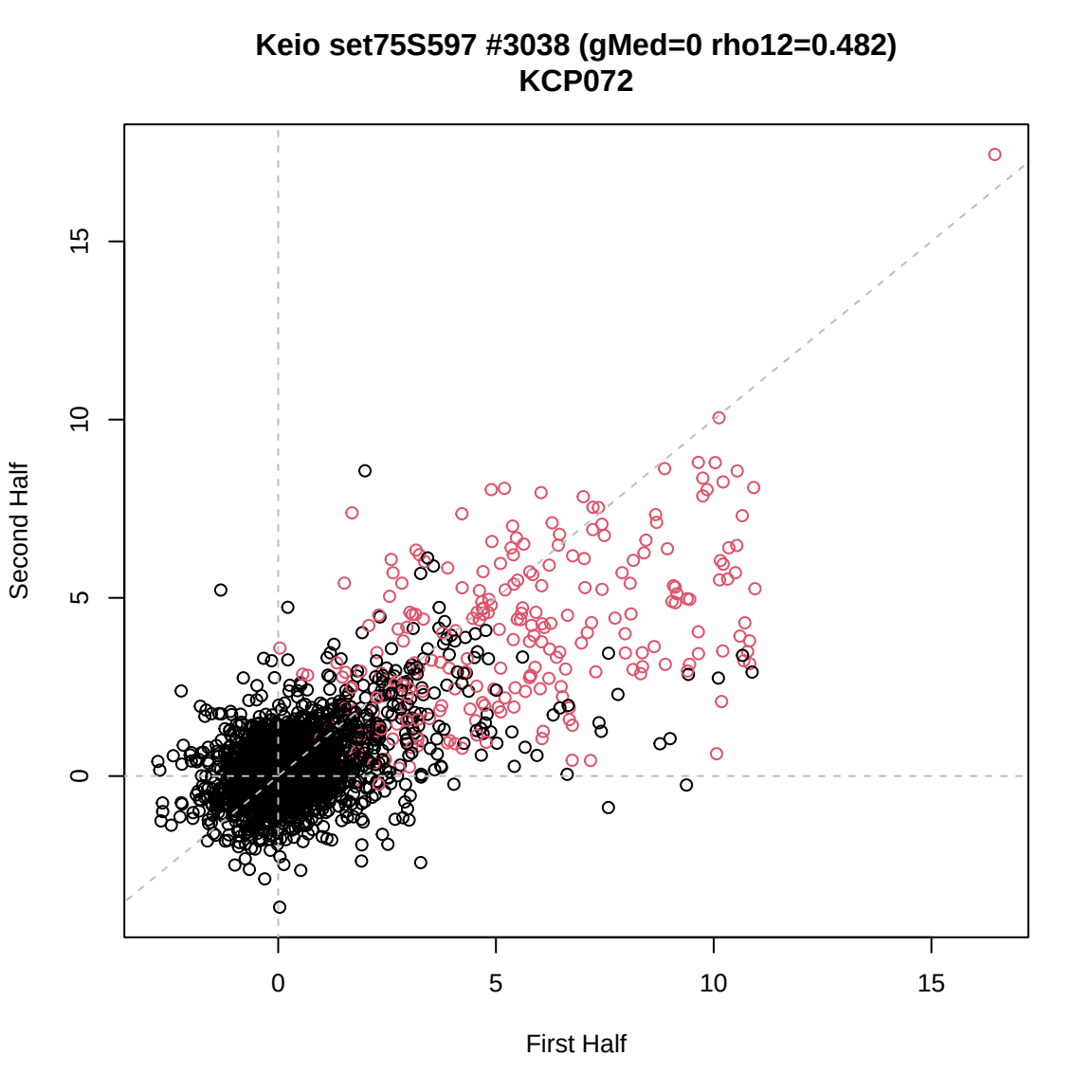

Keio set75S592 #3033 (gMed=0 rho12=0.487)
NpN
Second Half
First Half
0
5
10
15

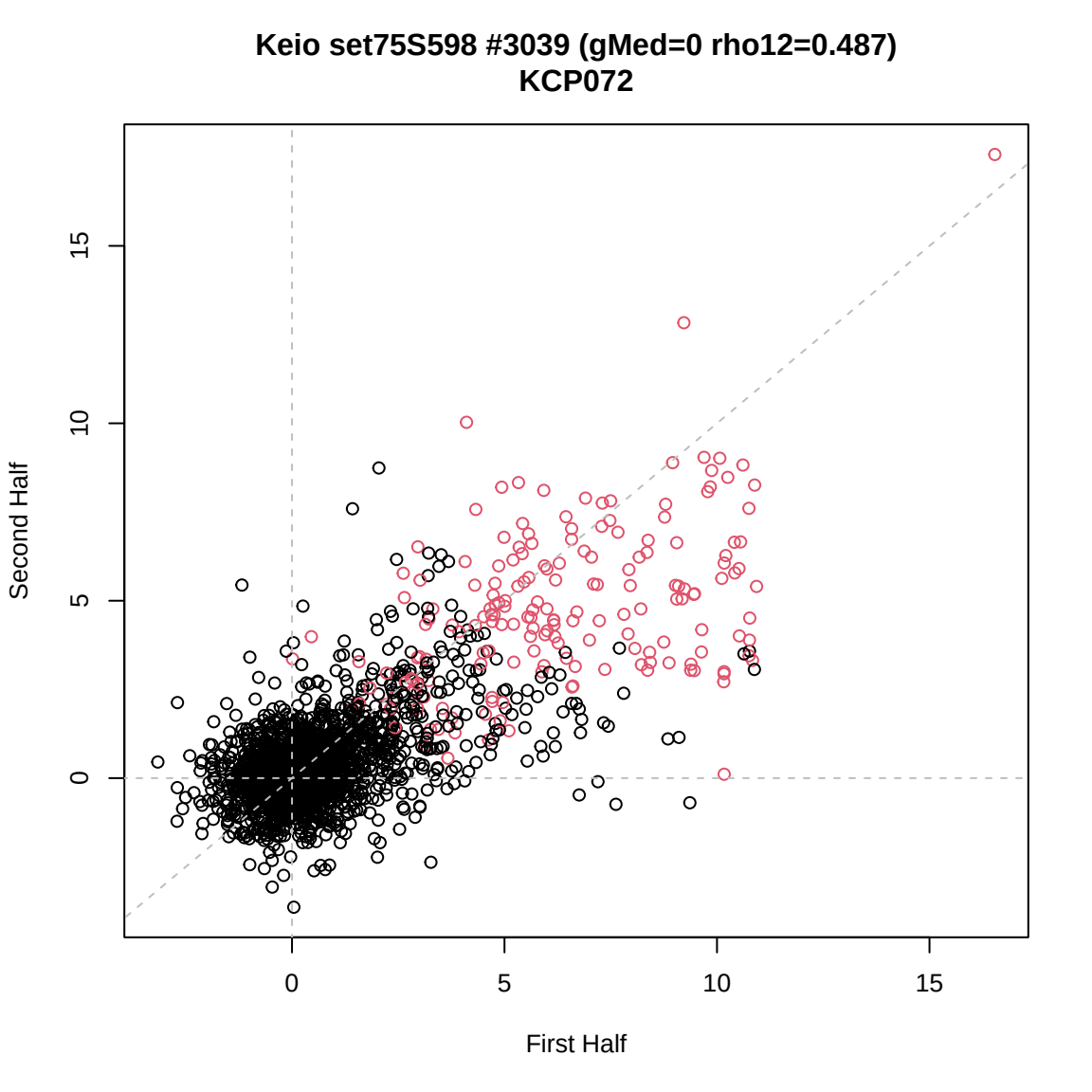

Keio set75S593 #3034 (gMed=5 rho12=0.524)
NpAA
Second Half
First Half
0
5
10
0
5
10

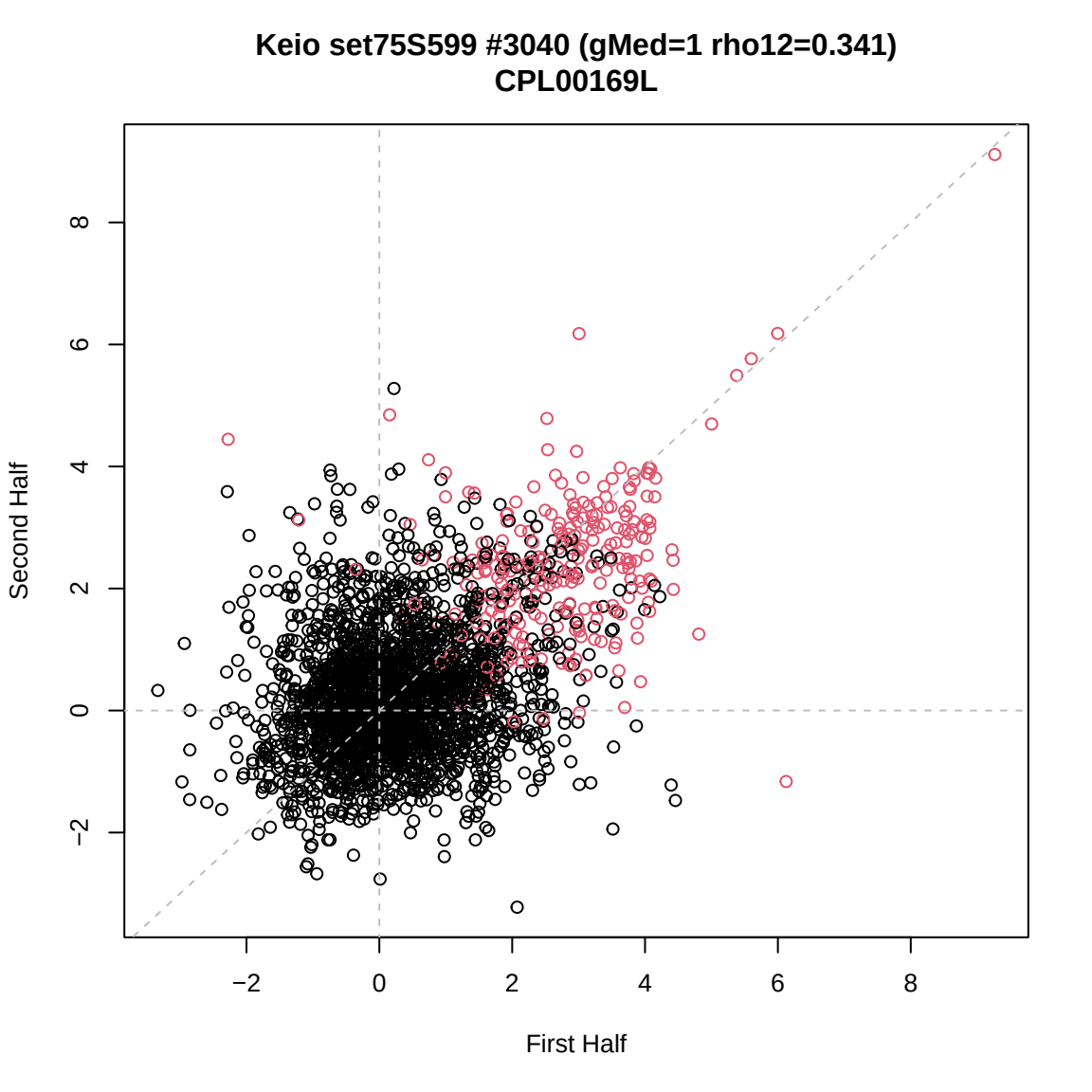

Keio set75S594 #3035 (gMed=1 rho12=0.484)
NpAA
Second Half
First Half
0
5
10
0
5
10

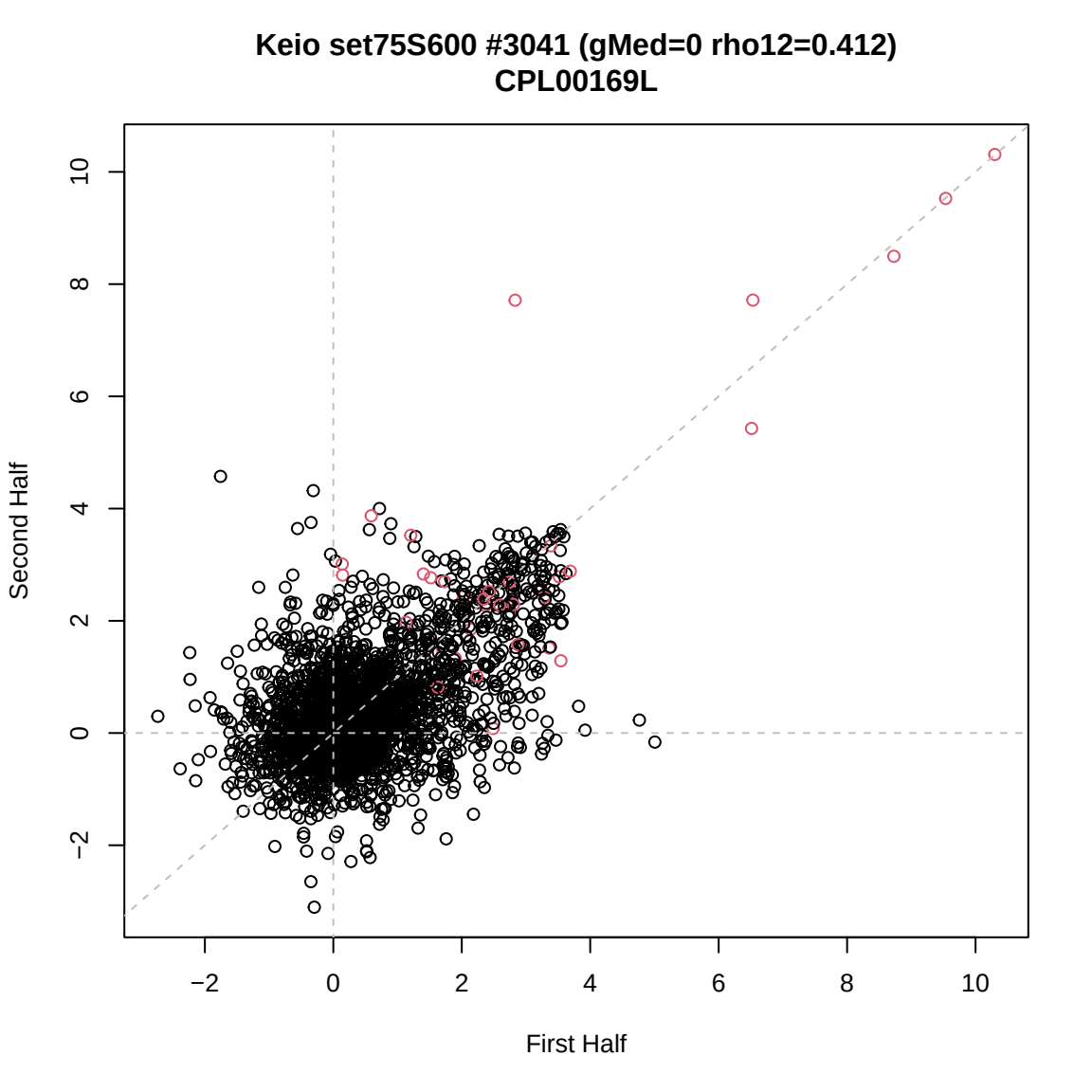

Keio set75S595 #3036 (gMed=1 rho12=0.487)
KCP017
Second Half
First Half
0
5
10
15

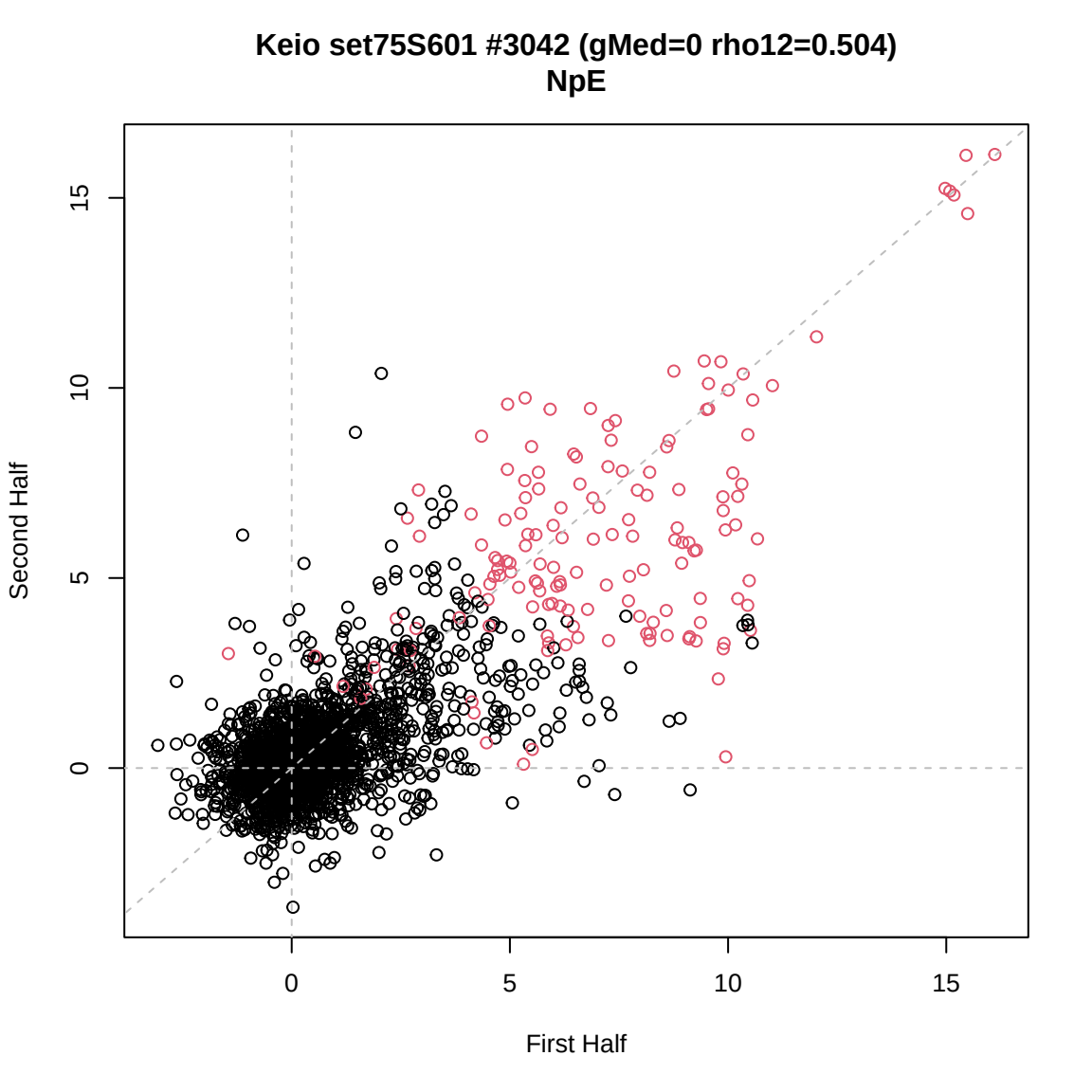

Keio set75S596 #3037 (gMed=0 rho12=0.498)
KCP017
Second Half
First Half
0
5
10
15

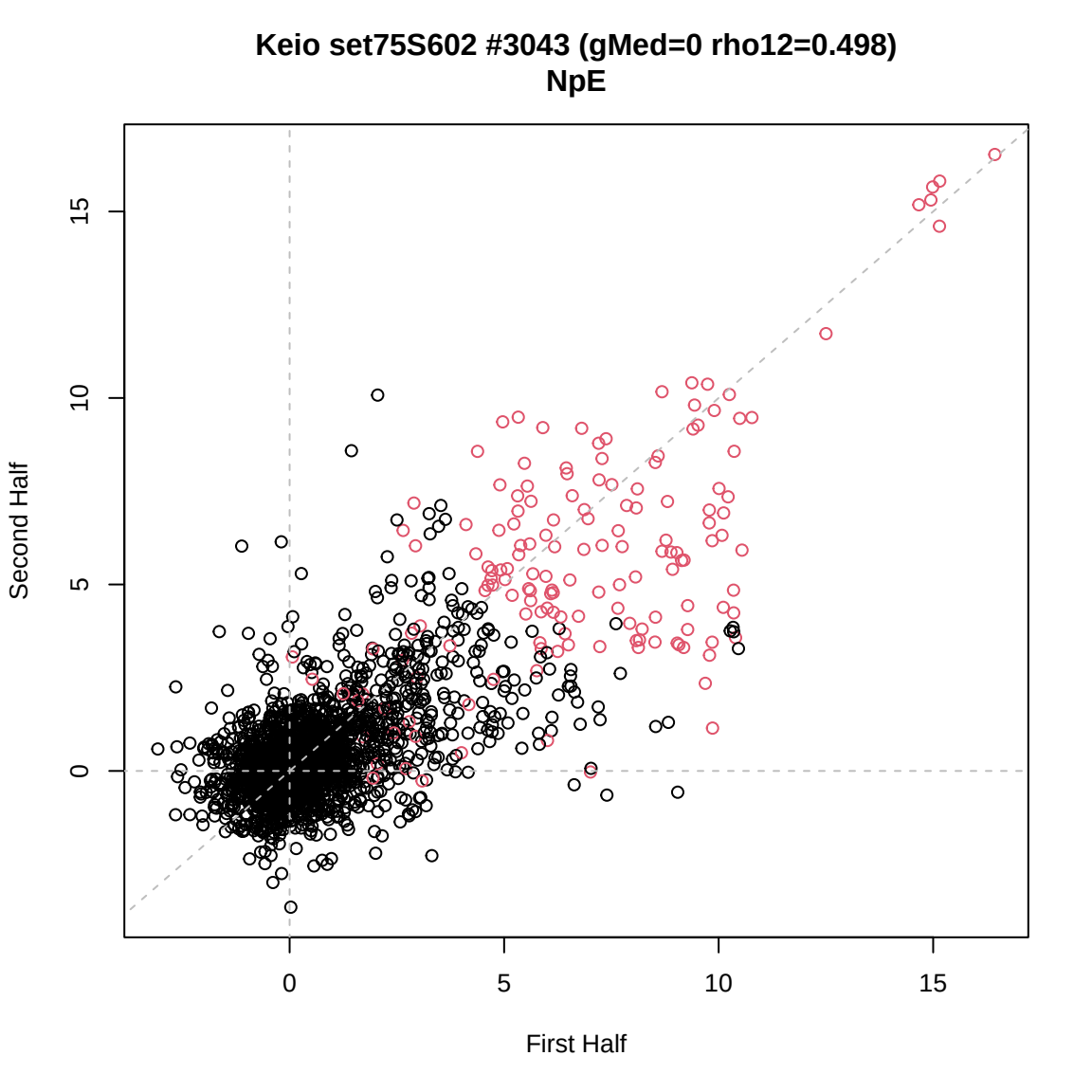

Keio set75S597 #3038 (gMed=0 rho12=0.482)
KCP072
Second Half
First Half
0
5
10
15

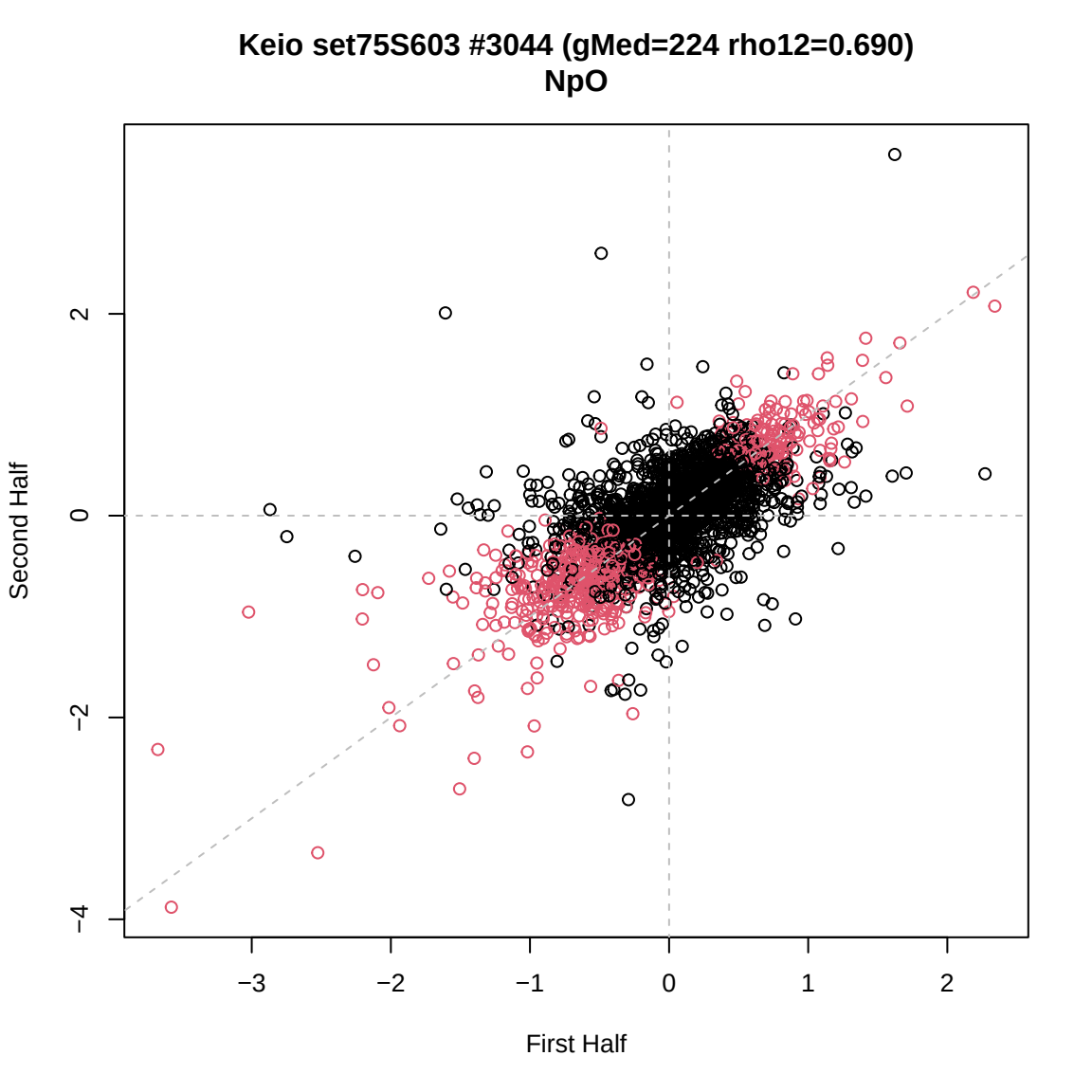

Keio set75S598 #3039 (gMed=0 rho12=0.487)
KCP072
Second Half
First Half
0
5
10
15

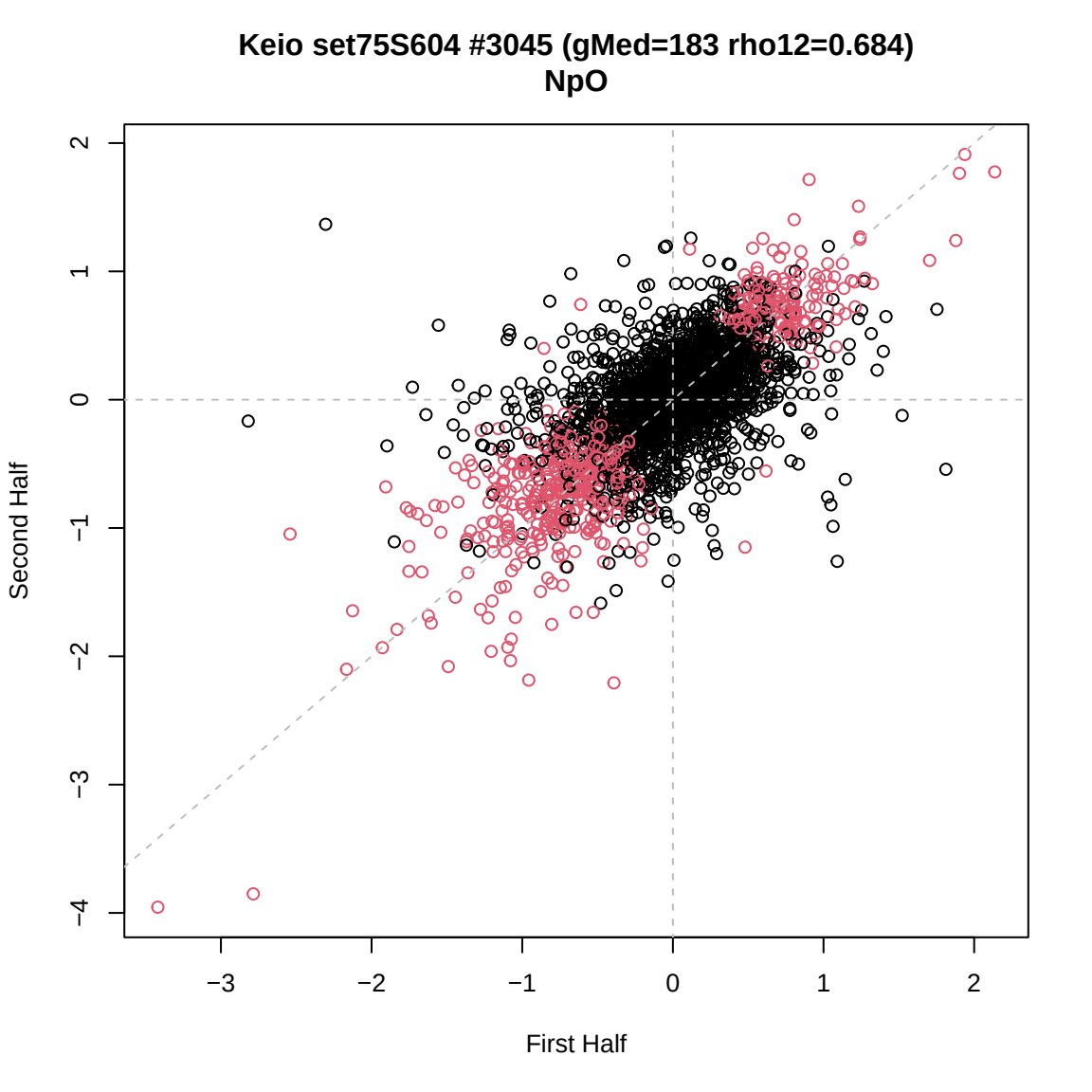

Keio set75S599 #3040 (gMed=1 rho12=0.341)
CPL00169L
Second Half
First Half
−2
0
2
4
6
8

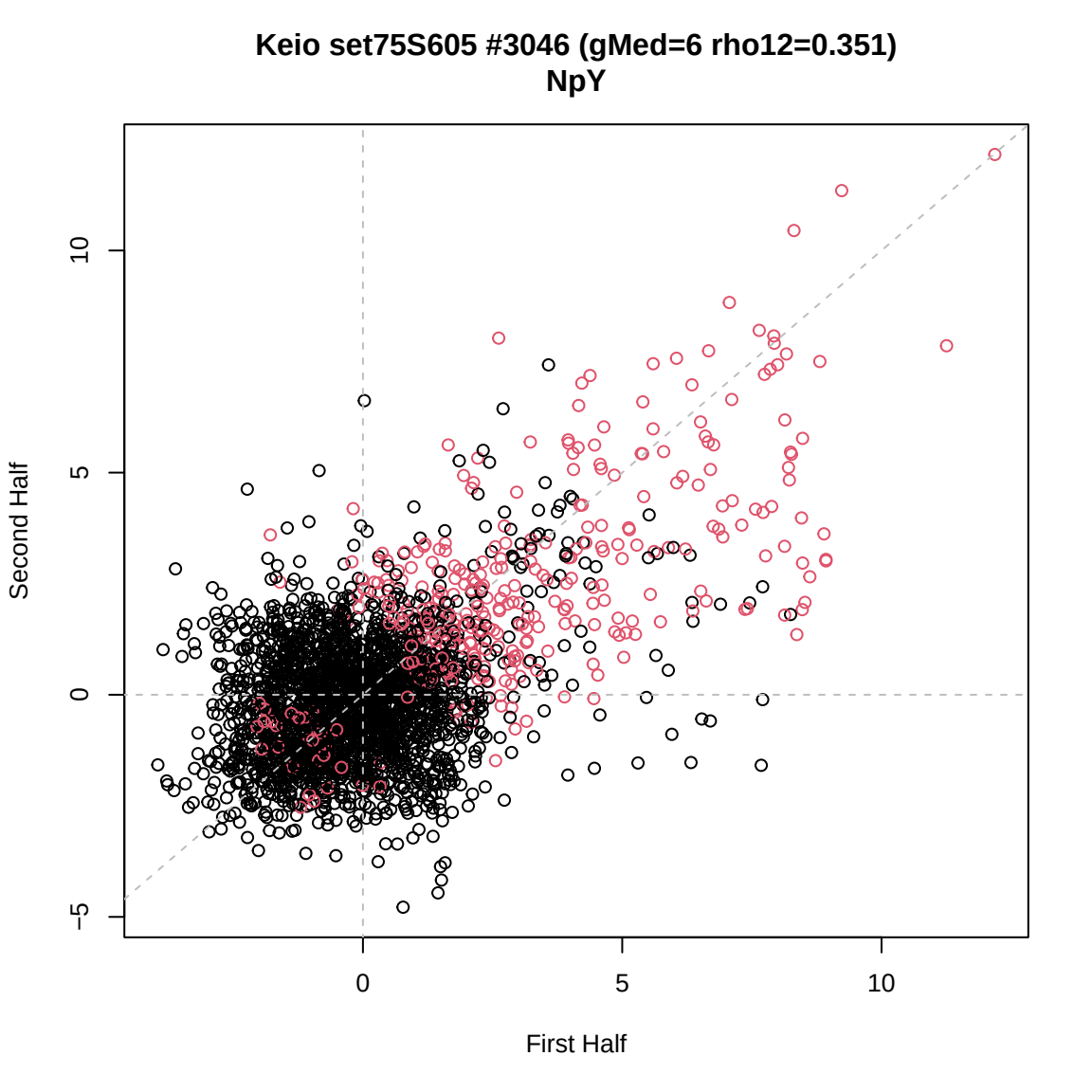

Keio set75S600 #3041 (gMed=0 rho12=0.412)
CPL00169L
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

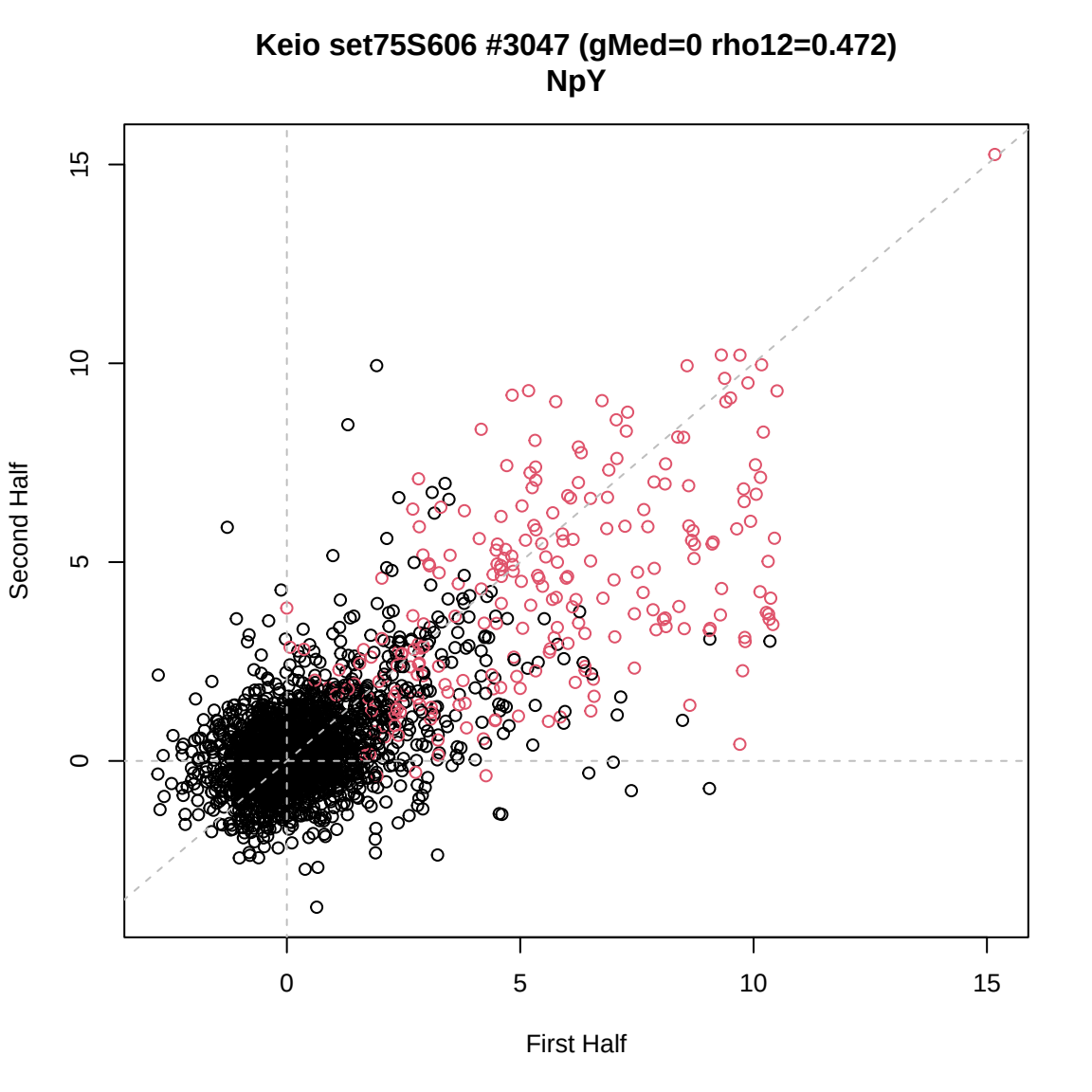

Keio set75S601 #3042 (gMed=0 rho12=0.504)
NpE
Second Half
First Half
0
5
10
15

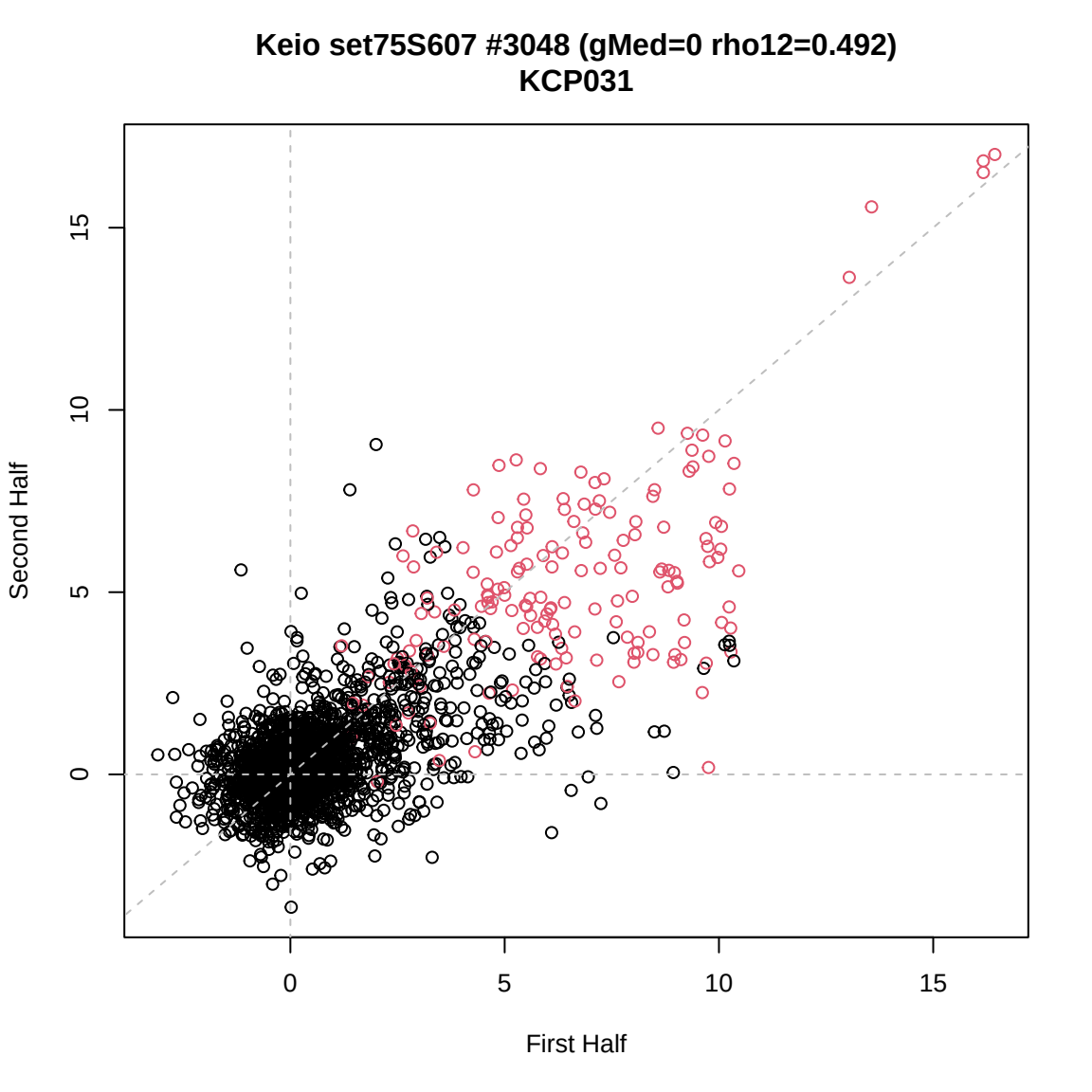

Keio set75S602 #3043 (gMed=0 rho12=0.498)
NpE
Second Half
First Half
0
5
10
15

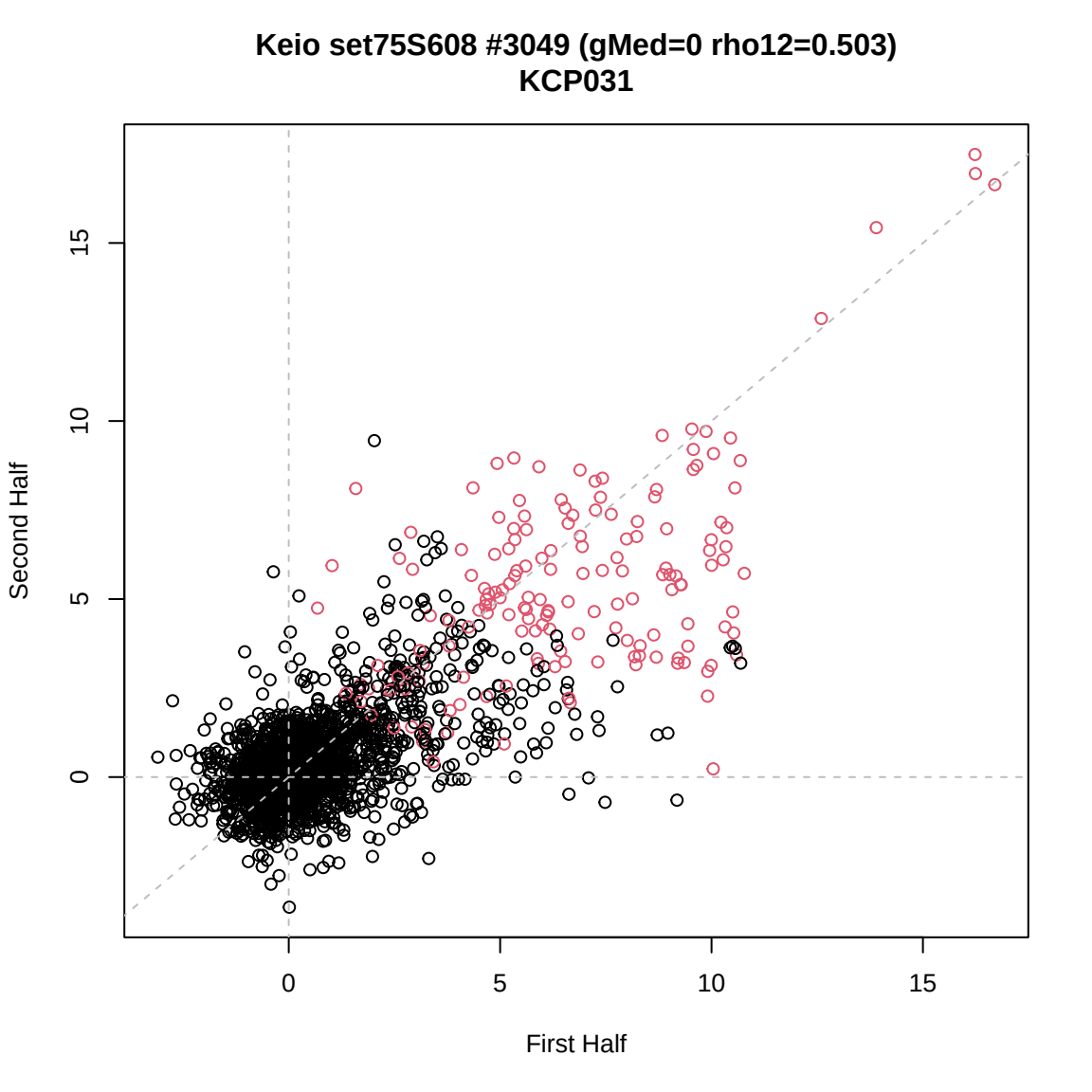

Keio set75S603 #3044 (gMed=224 rho12=0.690)
NpO
Second Half
First Half
2
0
−2
−4
−3
−2
−1
0
1
2

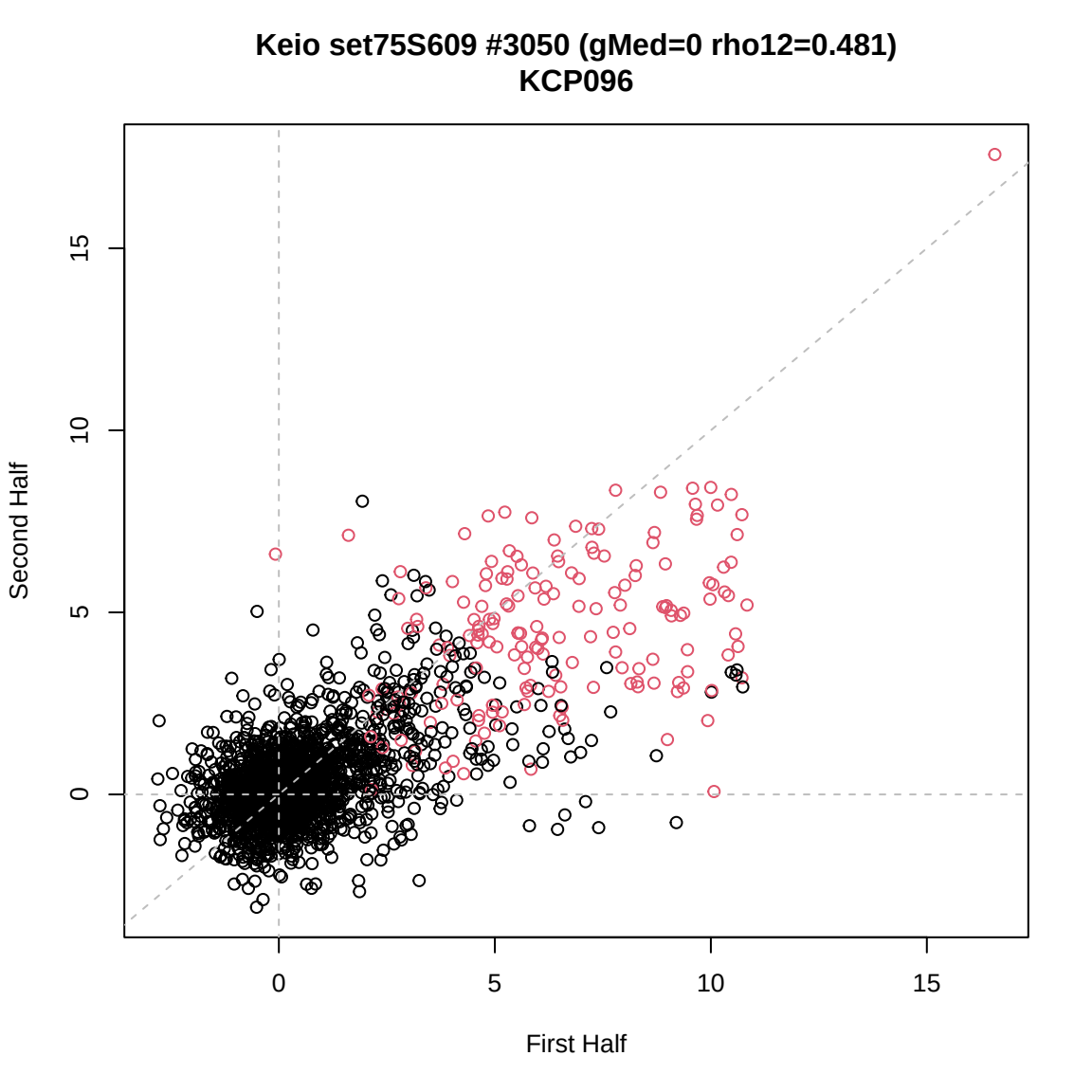

Keio set75S604 #3045 (gMed=183 rho12=0.684)
NpO
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

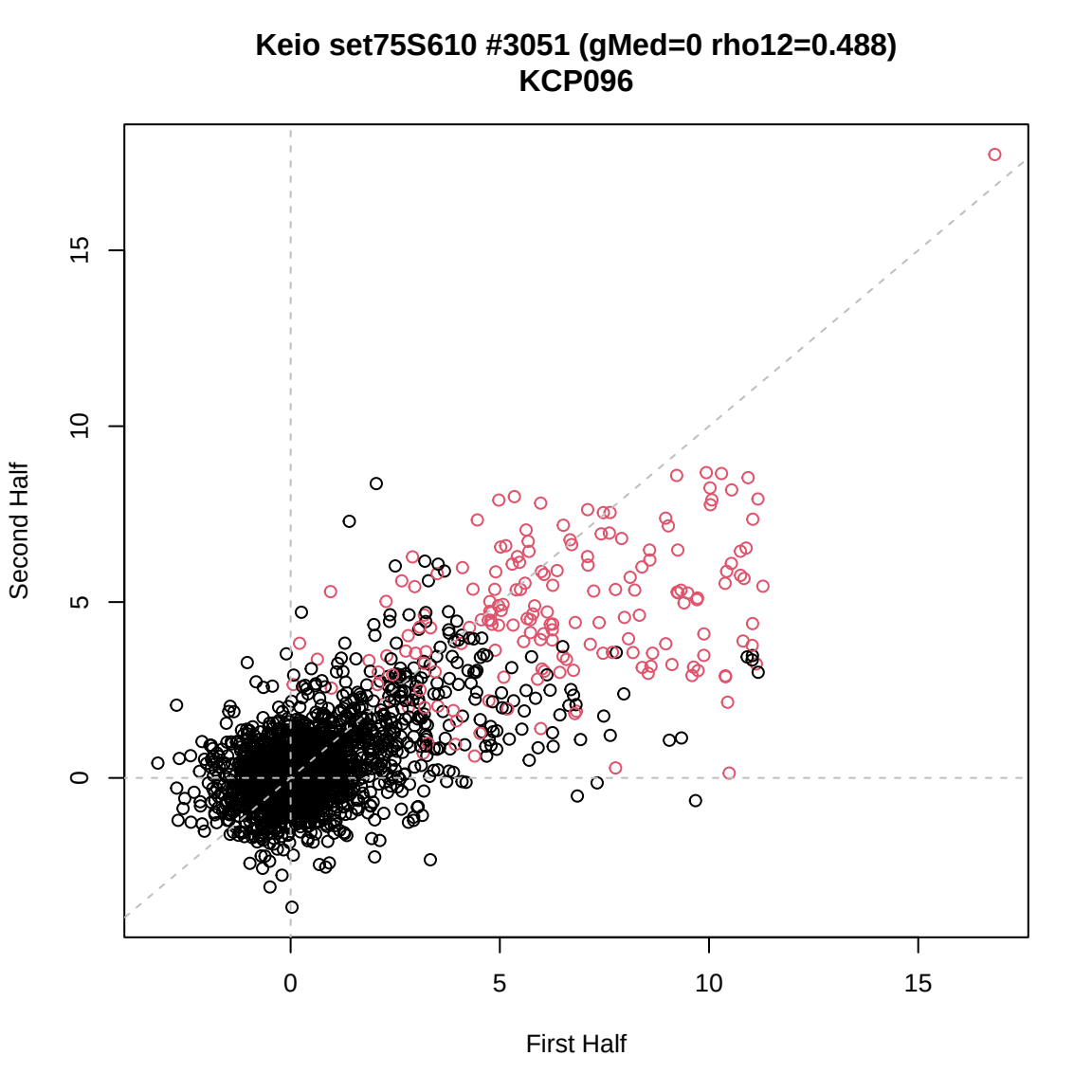

Keio set75S605 #3046 (gMed=6 rho12=0.351)
NpY
Second Half
First Half
10
5
0
−5
0
5
10

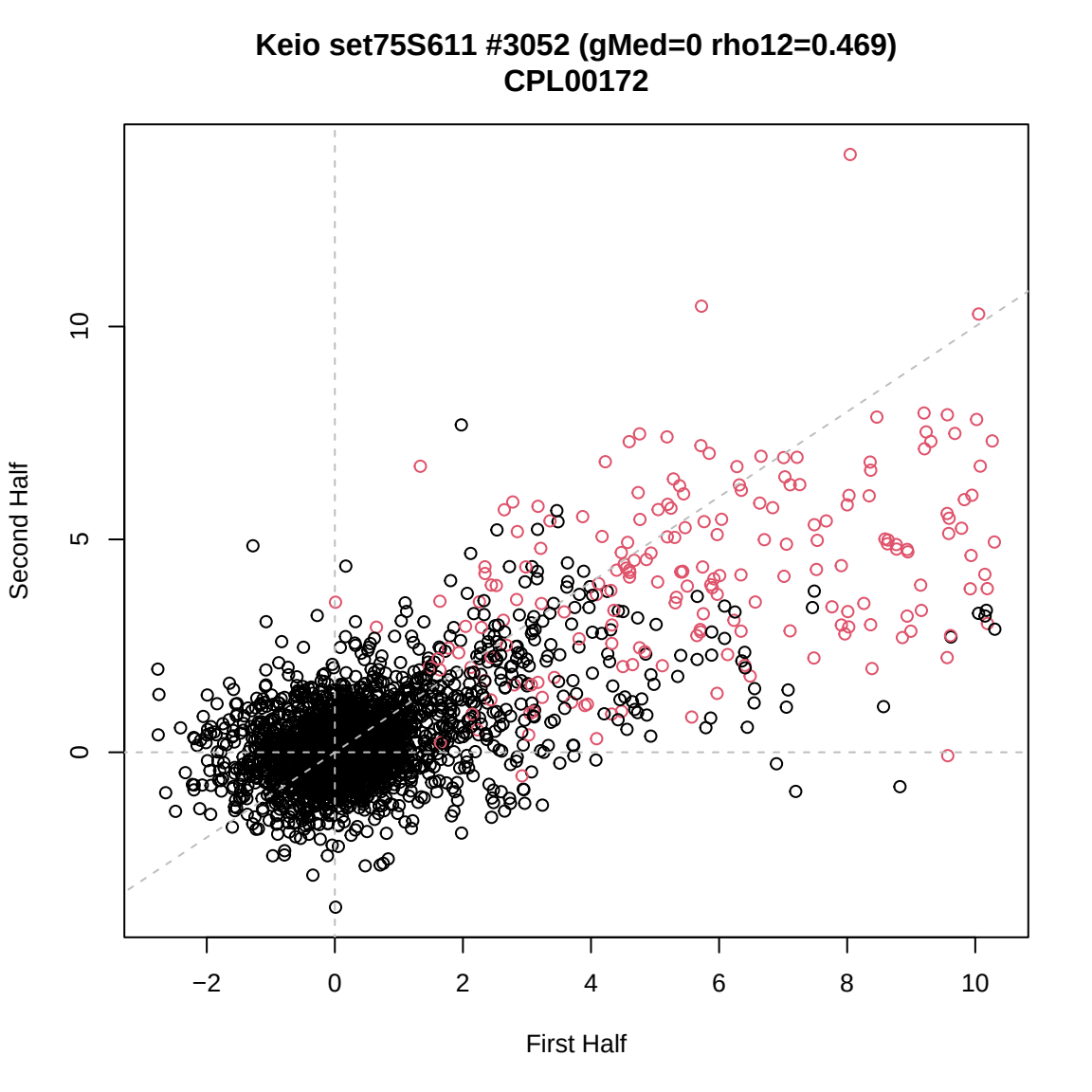

Keio set75S606 #3047 (gMed=0 rho12=0.472)
NpY
Second Half
First Half
15
10
5
0
0
5
10
15

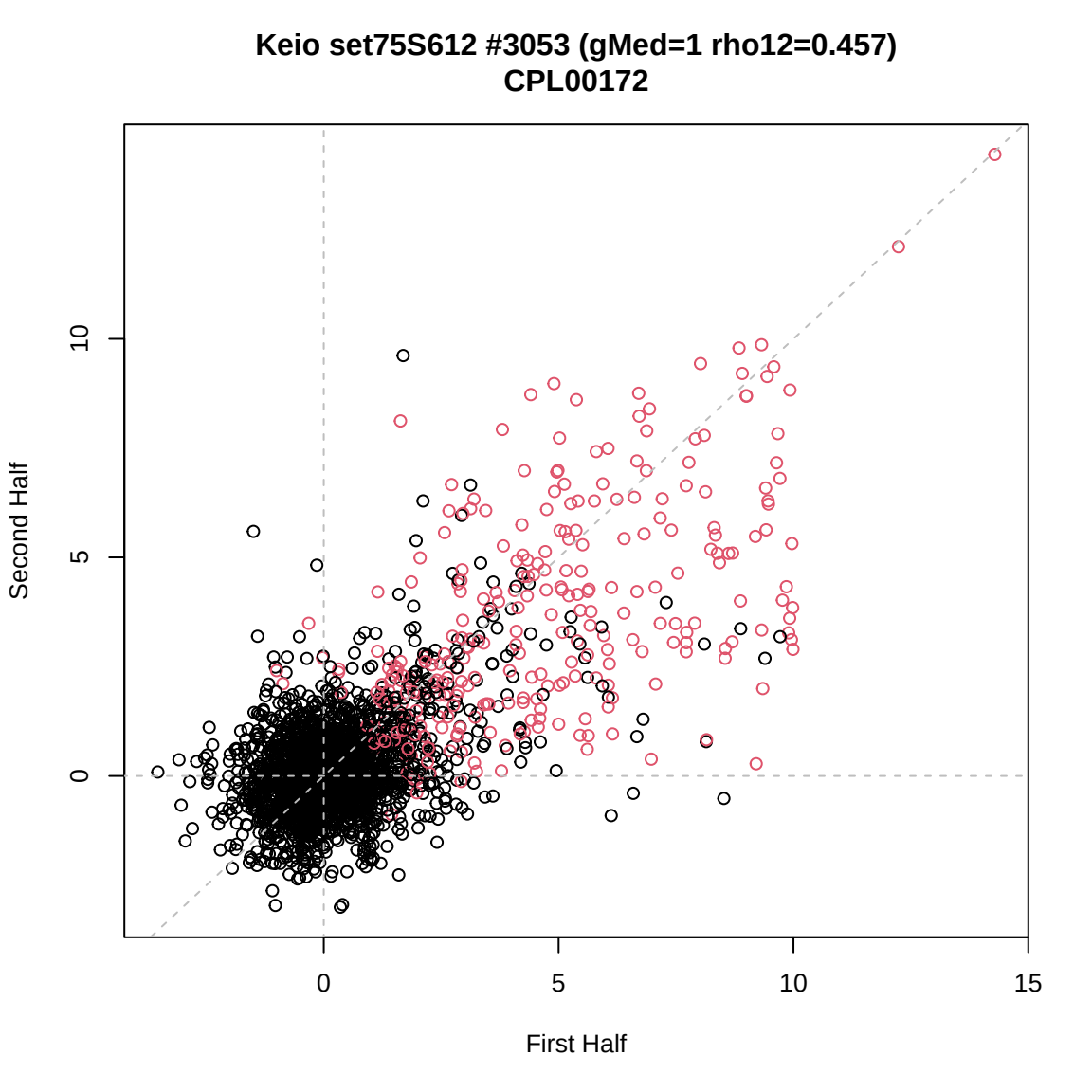

Keio set75S607 #3048 (gMed=0 rho12=0.492)
KCP031
Second Half
First Half
0
5
10
15

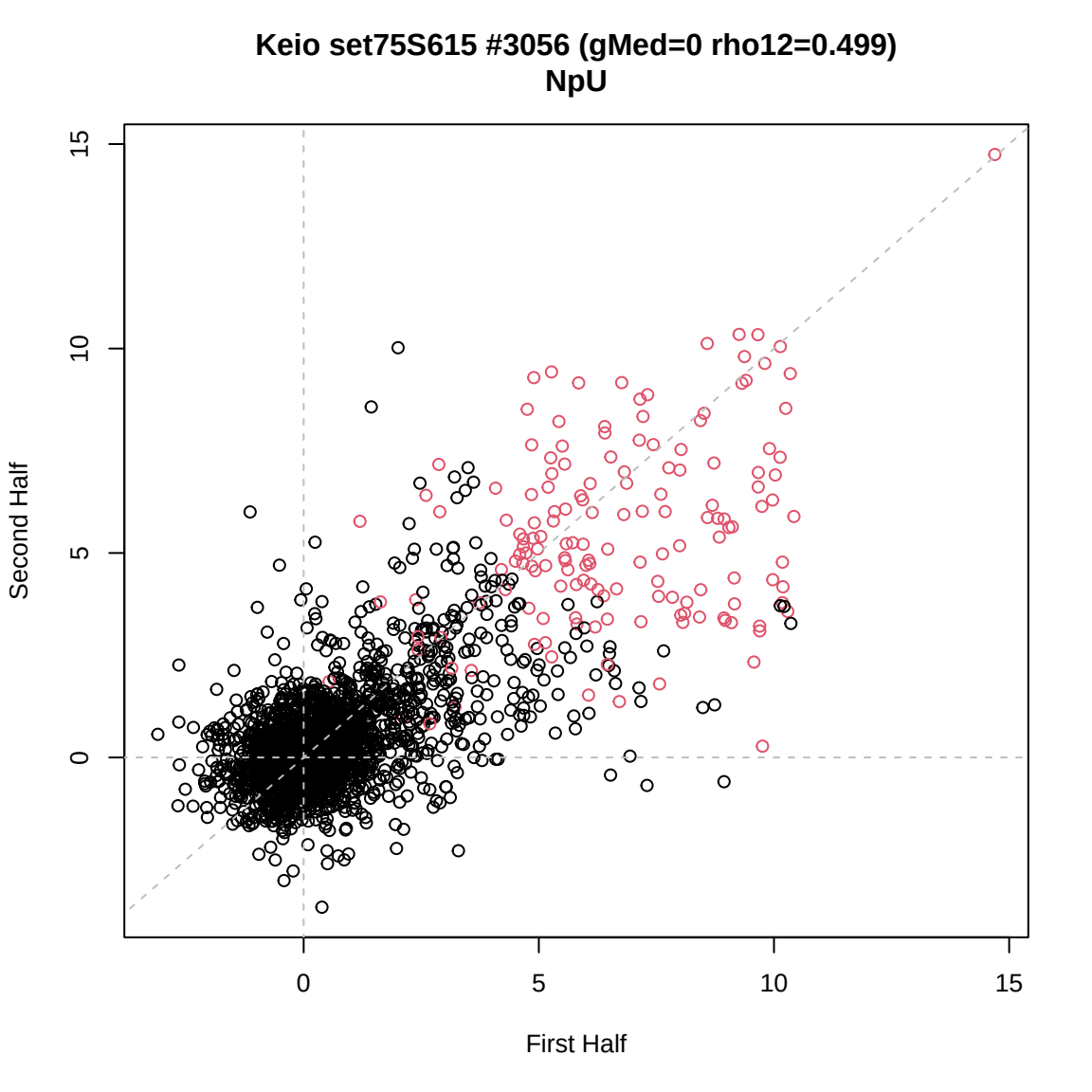

Keio set75S608 #3049 (gMed=0 rho12=0.503)
KCP031
Second Half
First Half
0
5
10
15

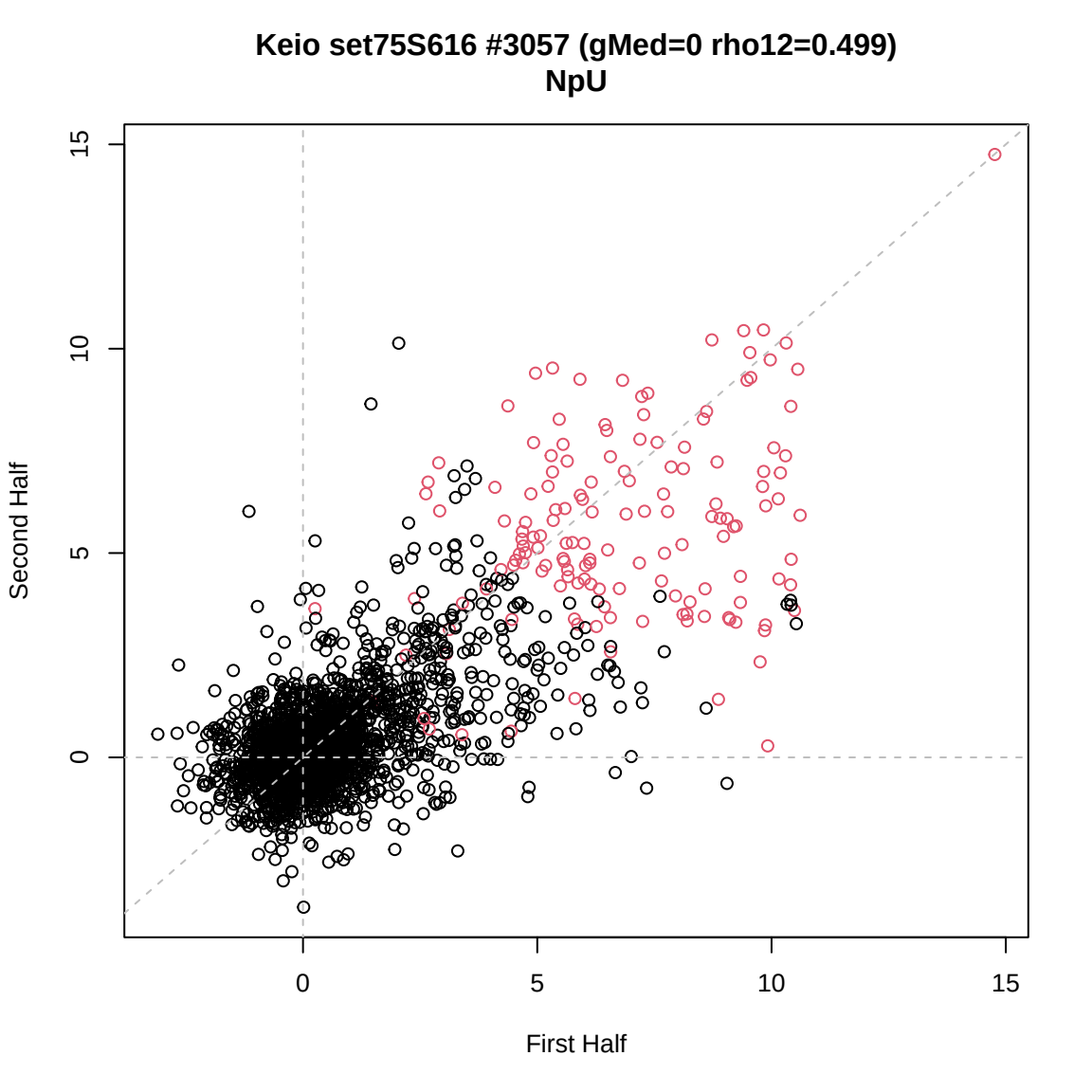

Keio set75S609 #3050 (gMed=0 rho12=0.481)
KCP096
Second Half
First Half
0
5
10
15

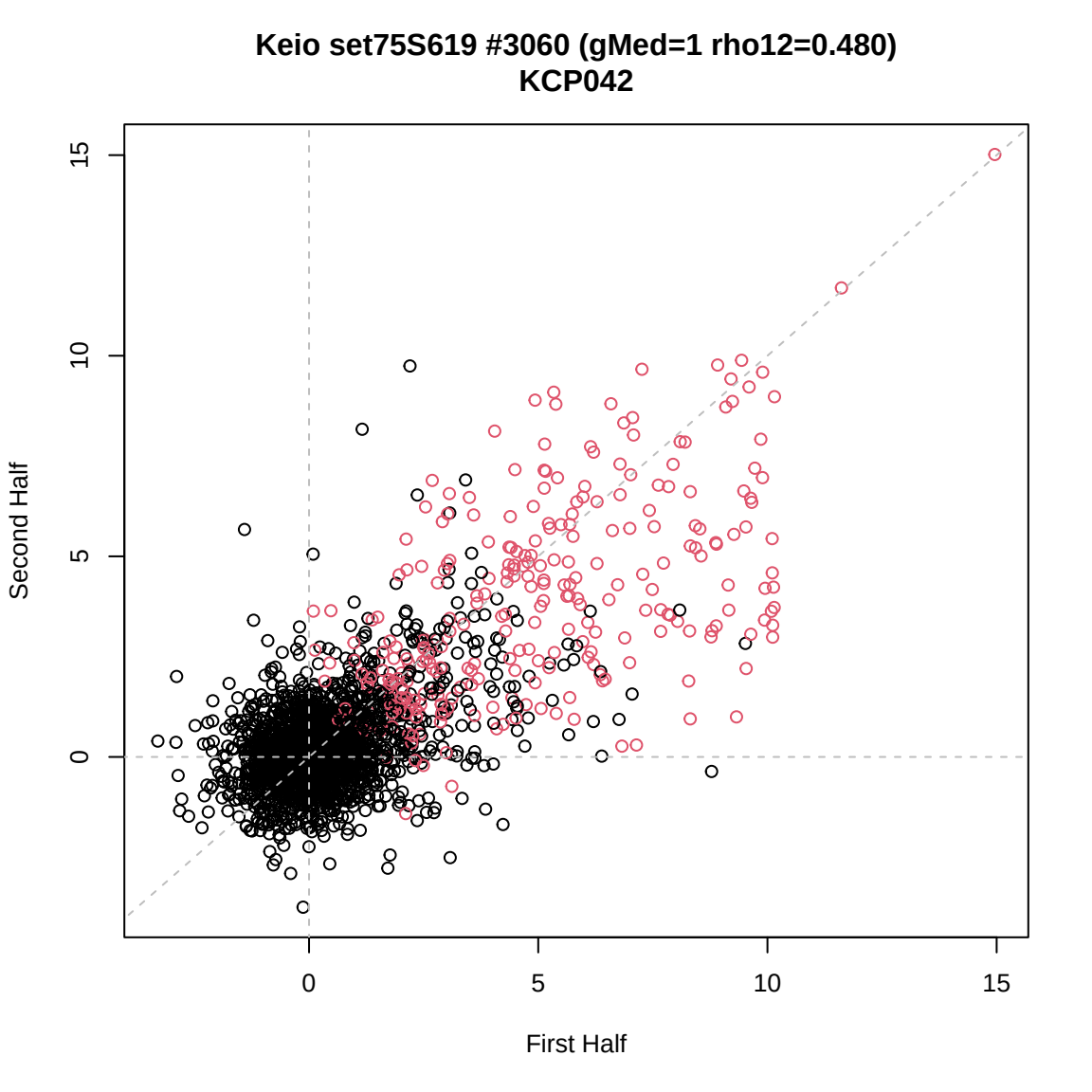

Keio set75S610 #3051 (gMed=0 rho12=0.488)
KCP096
Second Half
First Half
0
5
10
15

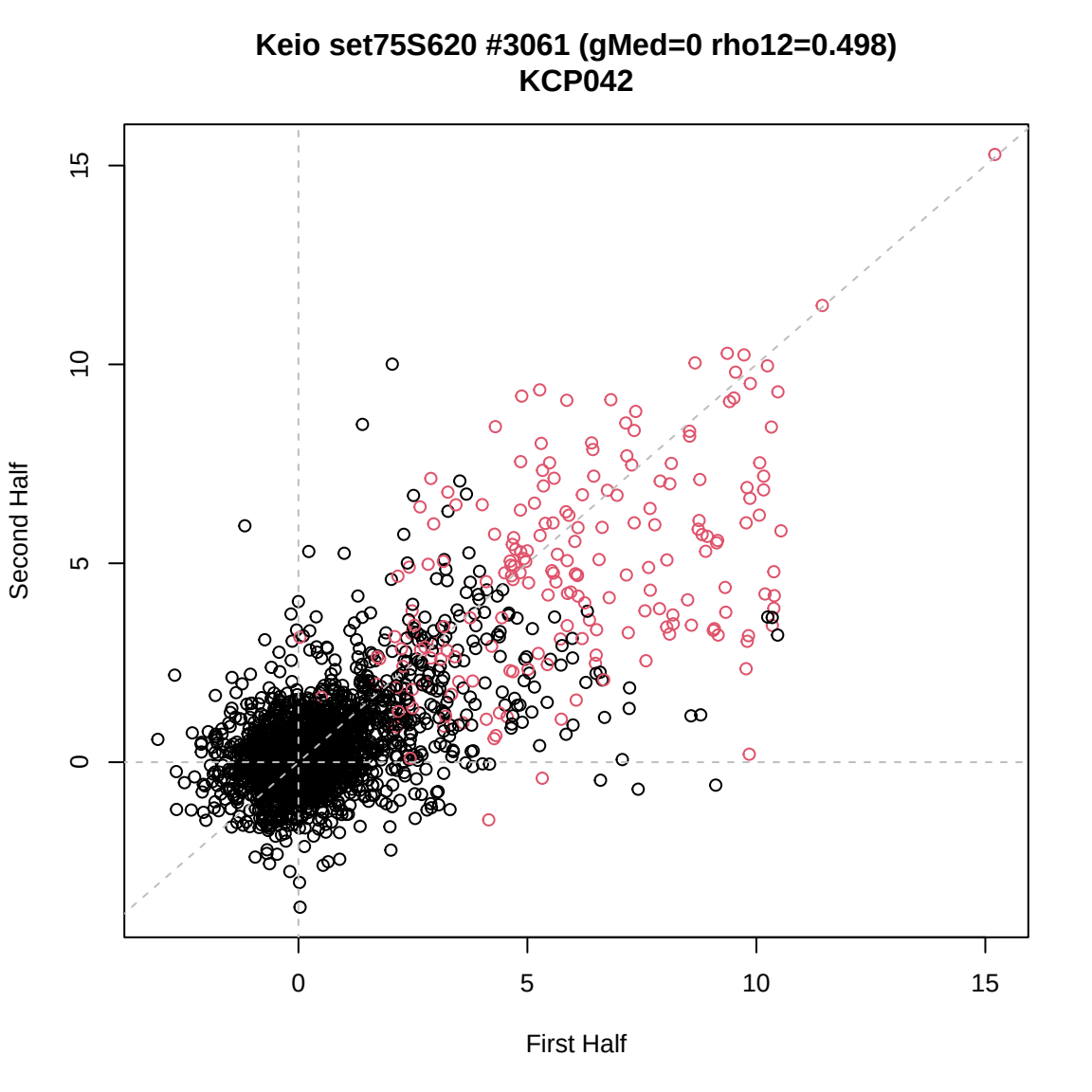

Keio set75S611 #3052 (gMed=0 rho12=0.469)
CPL00172
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

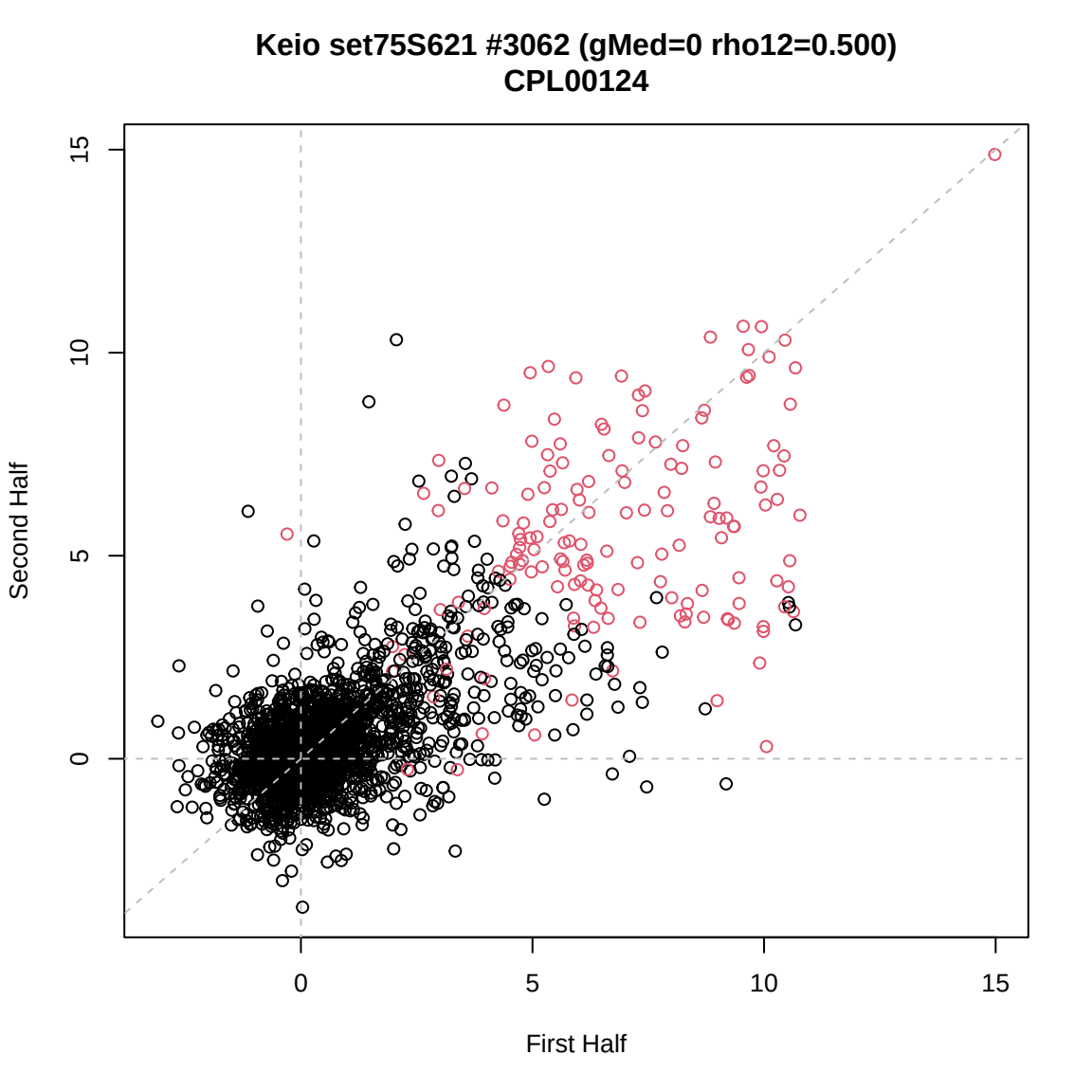

Keio set75S612 #3053 (gMed=1 rho12=0.457)
CPL00172
Second Half
First Half
0
5
10
15
0
5
10

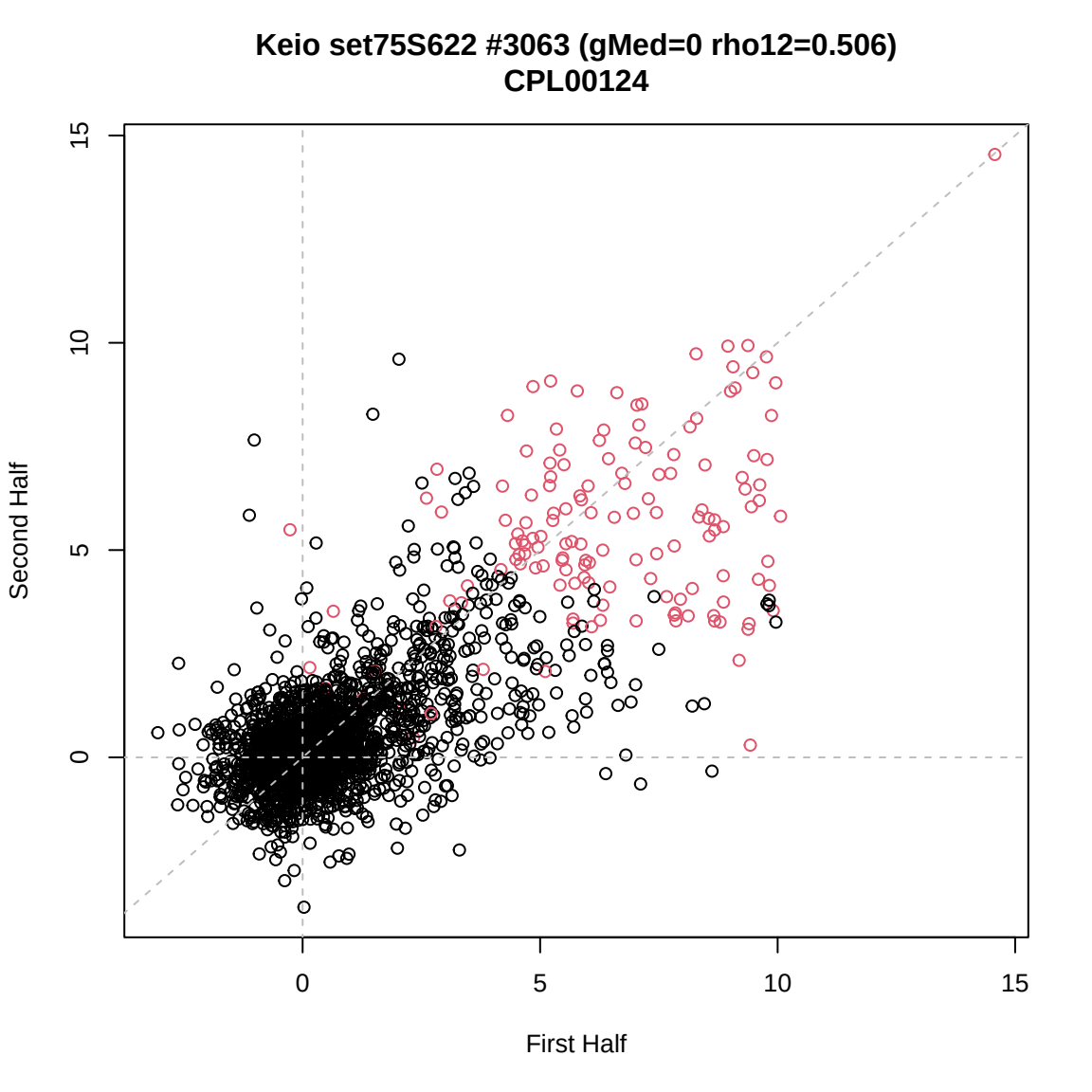

Keio set75S615 #3056 (gMed=0 rho12=0.499)
NpU
Second Half
First Half
15
10
5
0
0
5
10
15

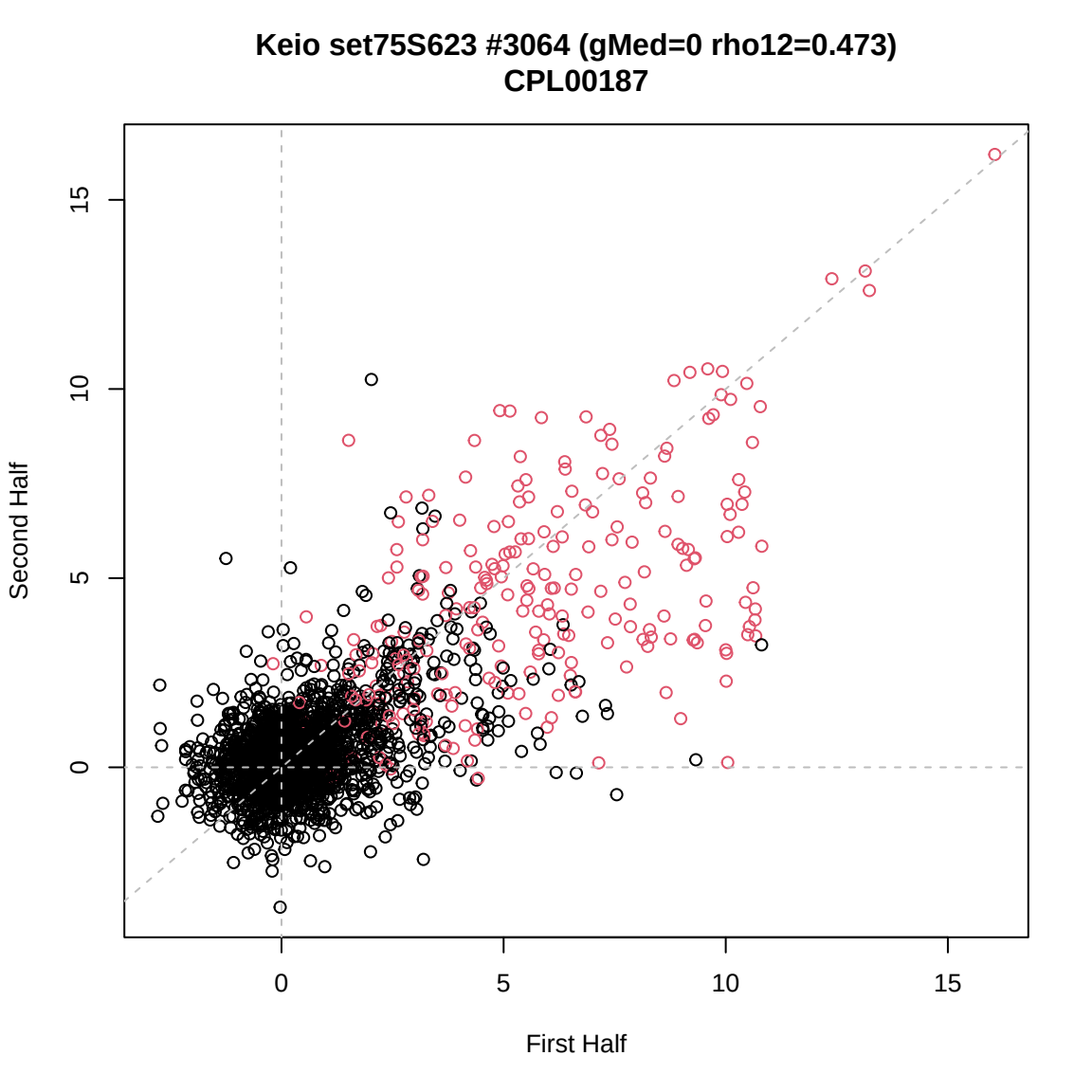

Keio set75S616 #3057 (gMed=0 rho12=0.499)
NpU
Second Half
First Half
15
10
5
0
0
5
10
15

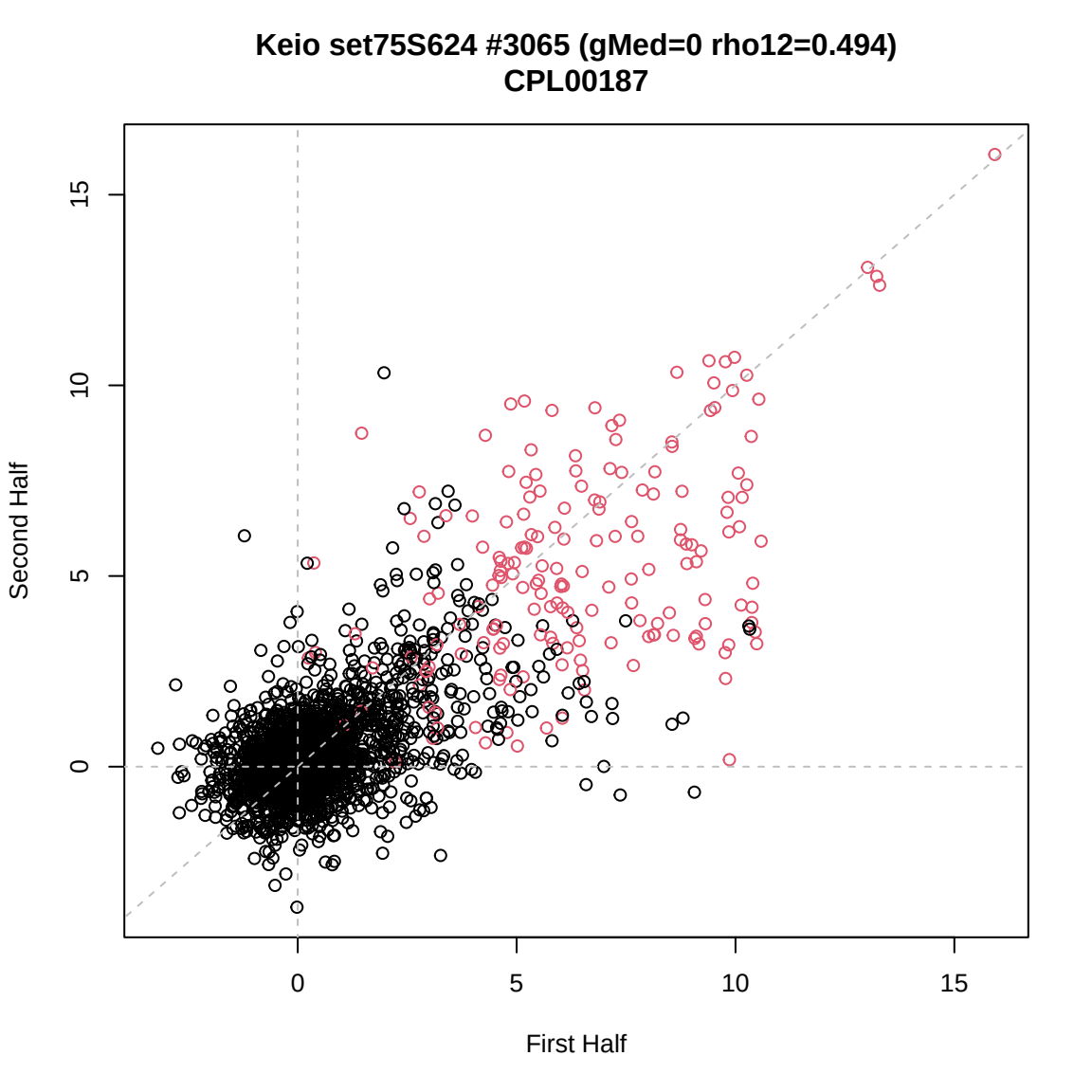

Keio set75S619 #3060 (gMed=1 rho12=0.480)
KCP042
Second Half
First Half
0
5
10
15

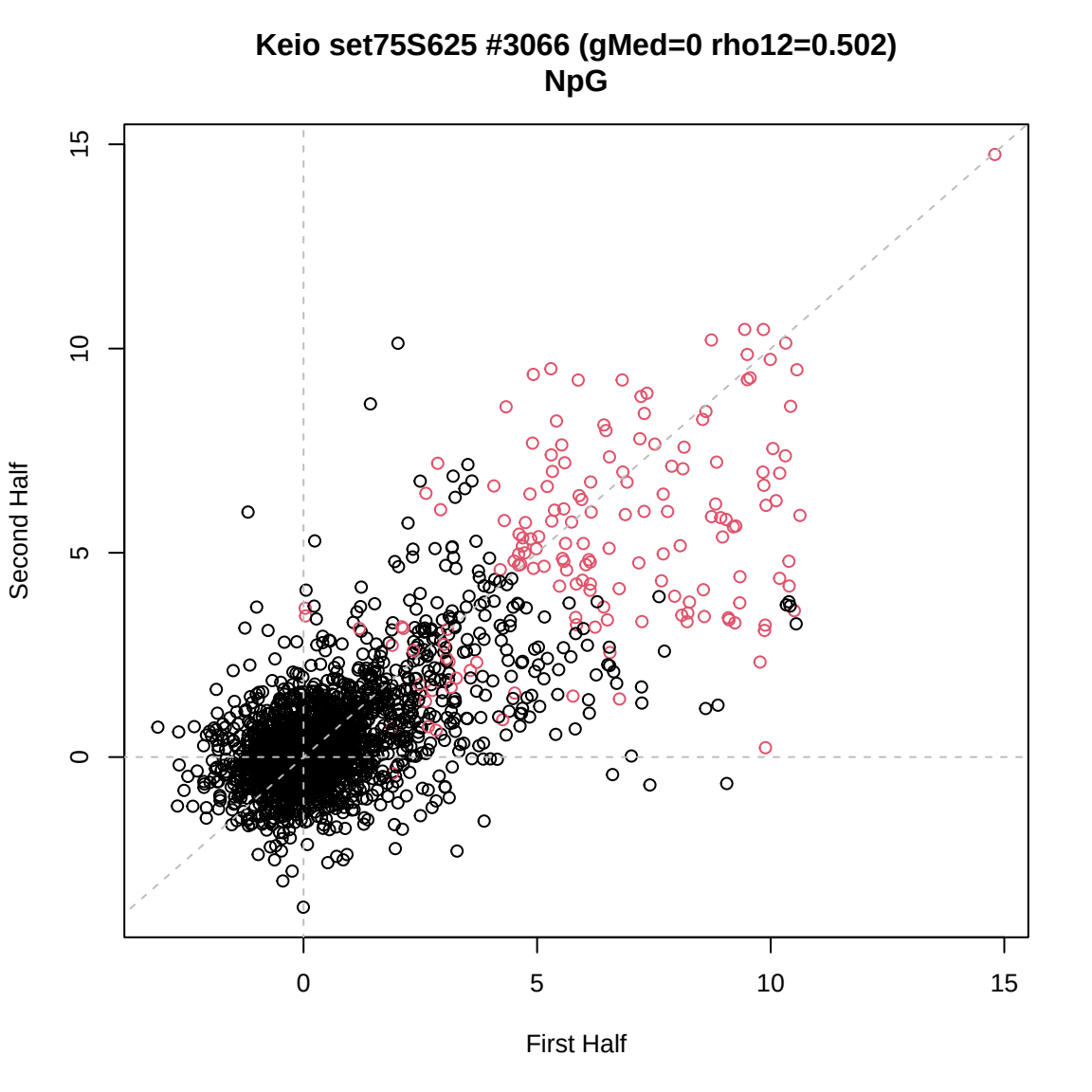

Keio set75S620 #3061 (gMed=0 rho12=0.498)
KCP042
Second Half
First Half
0
5
10
15

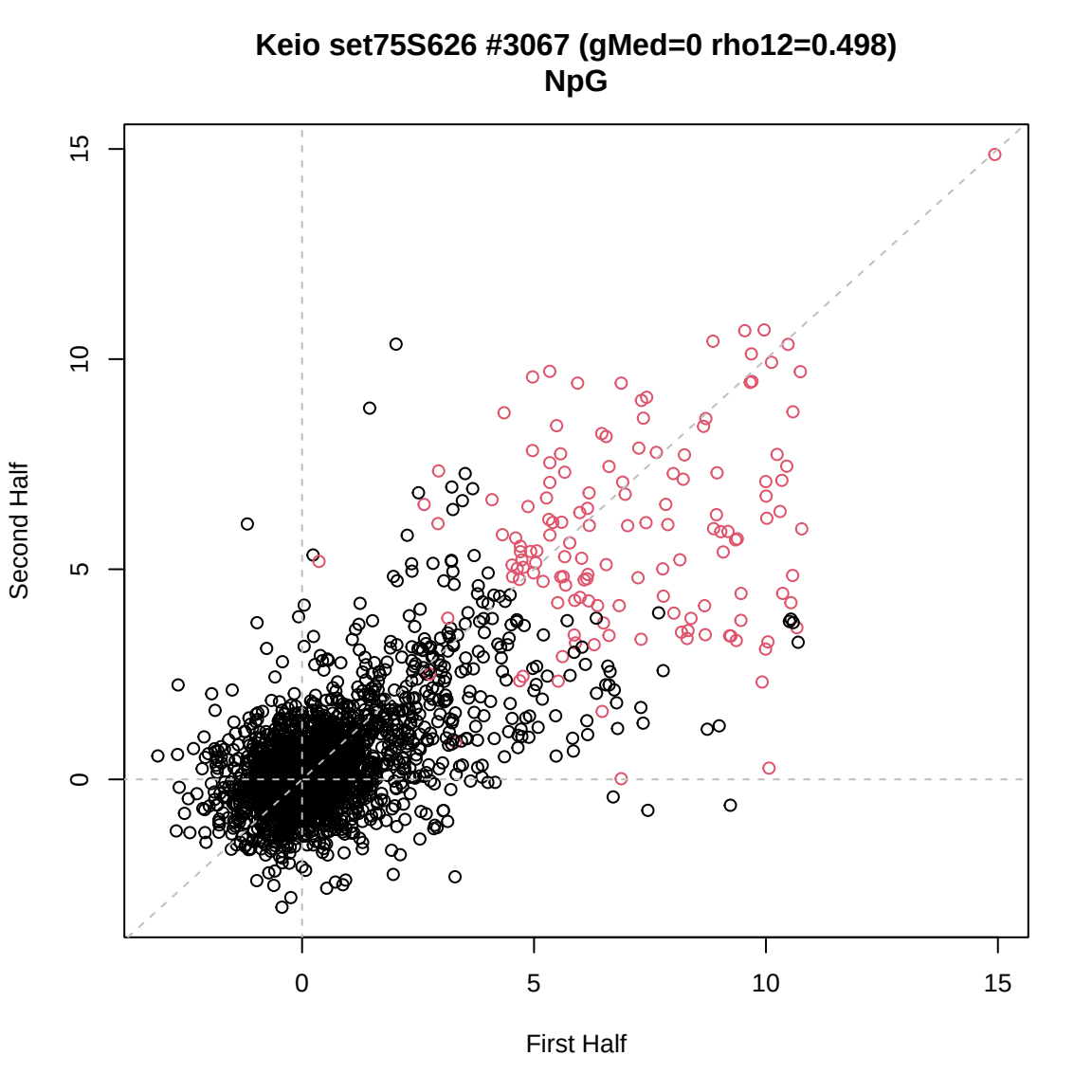

Keio set75S621 #3062 (gMed=0 rho12=0.500)
CPL00124
Second Half
First Half
0
5
10
15

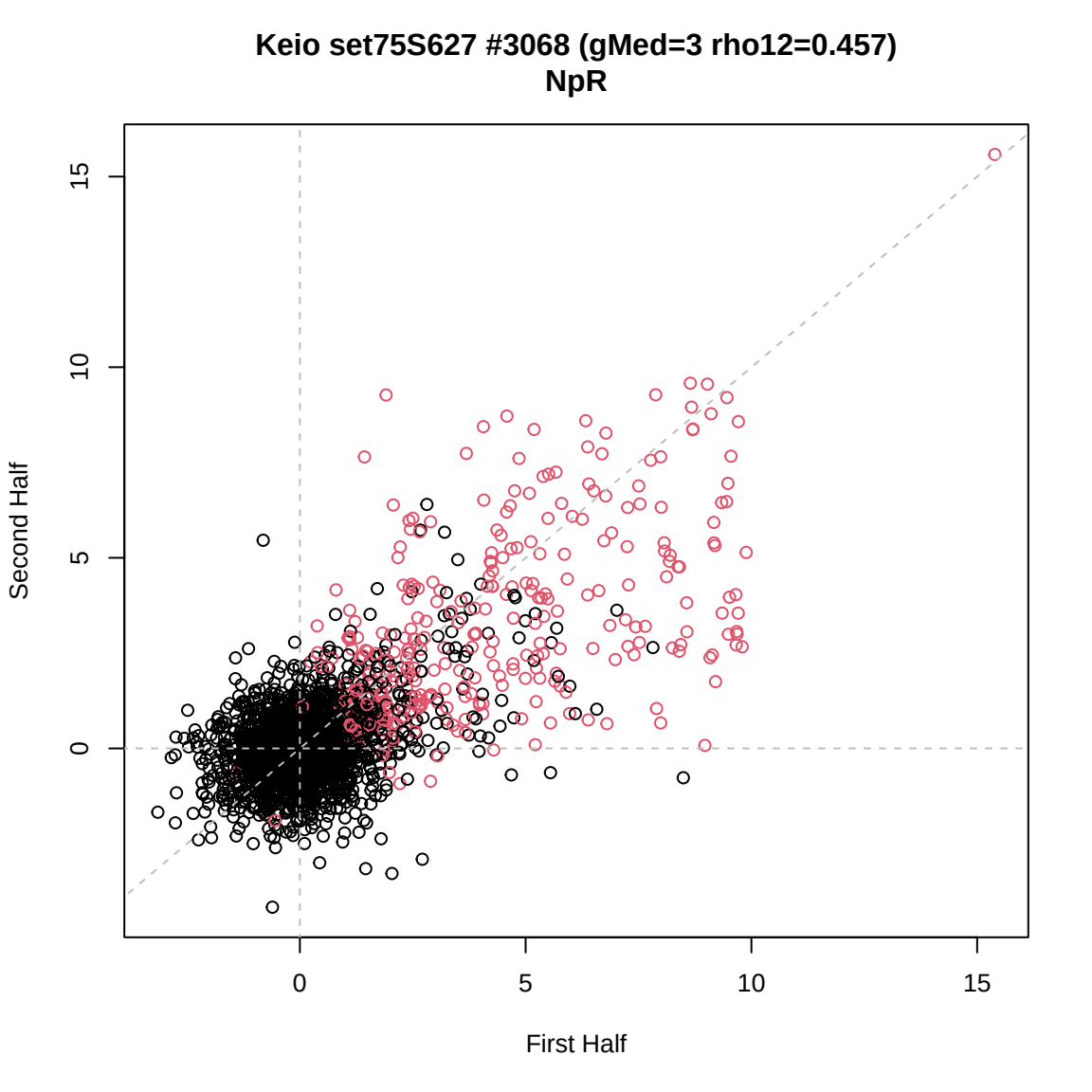

Keio set75S622 #3063 (gMed=0 rho12=0.506)
CPL00124
Second Half
First Half
15
10
5
0
0
5
10
15

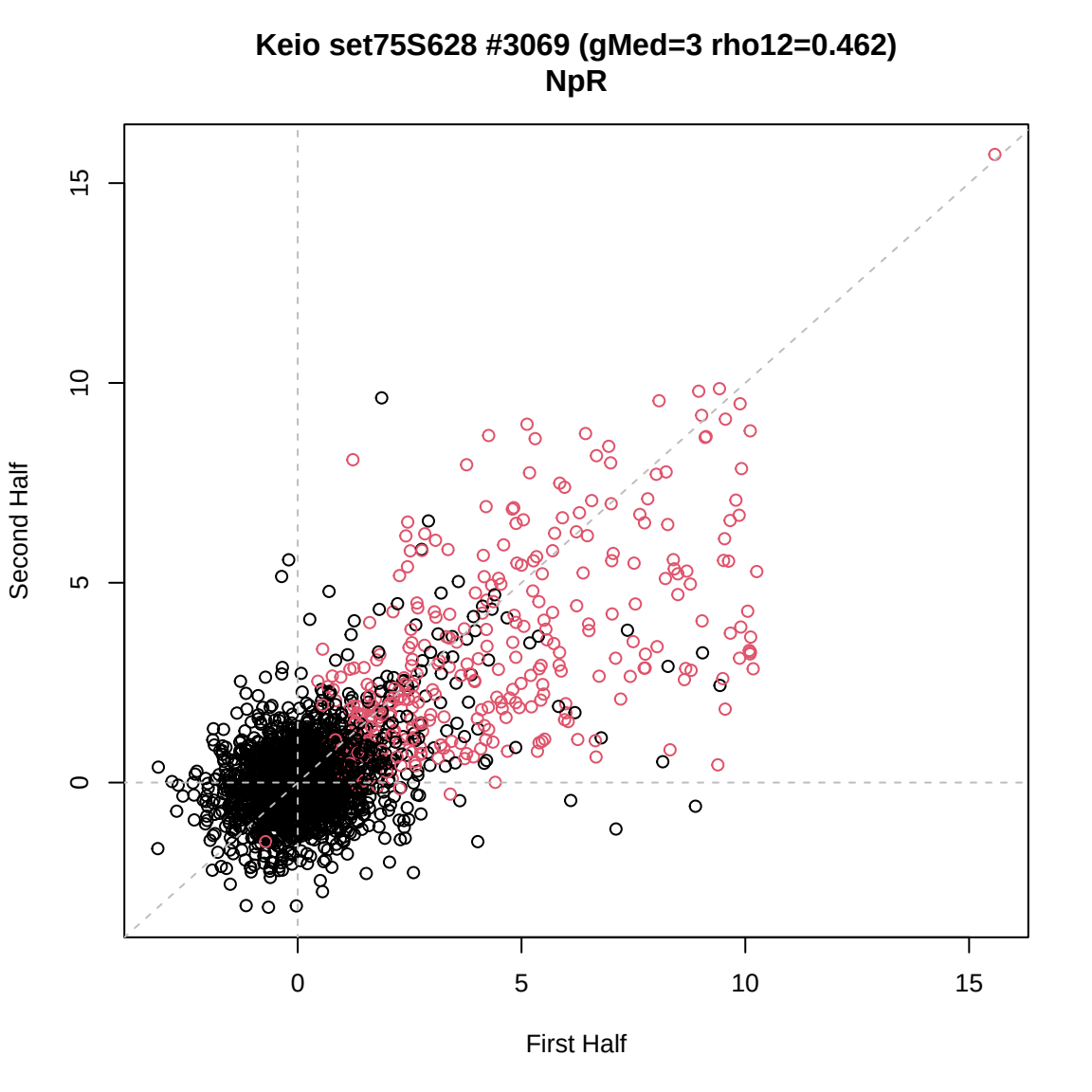

Keio set75S623 #3064 (gMed=0 rho12=0.473)
CPL00187
Second Half
First Half
0
5
10
15

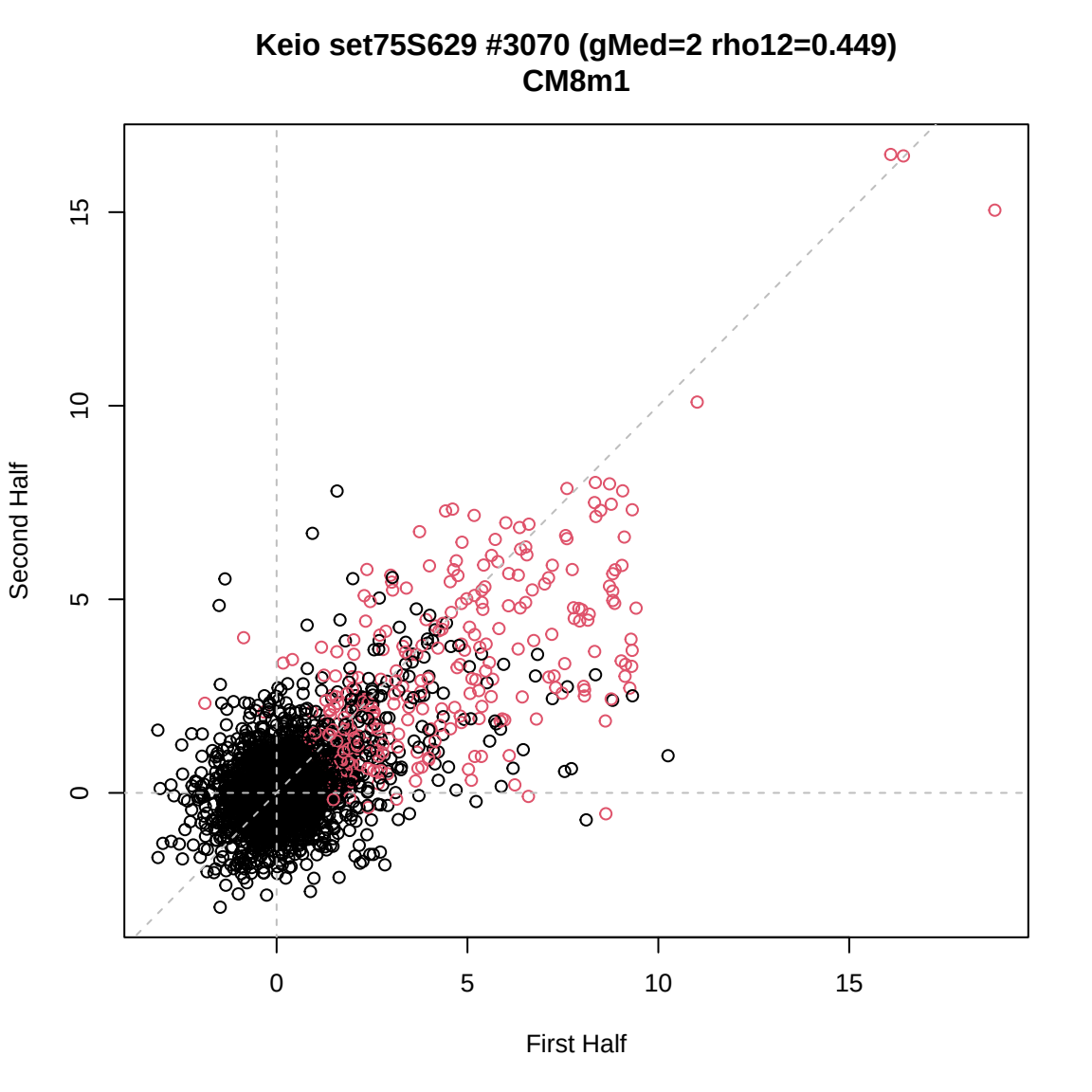

Keio set75S624 #3065 (gMed=0 rho12=0.494)
CPL00187
Second Half
First Half
0
5
10
15

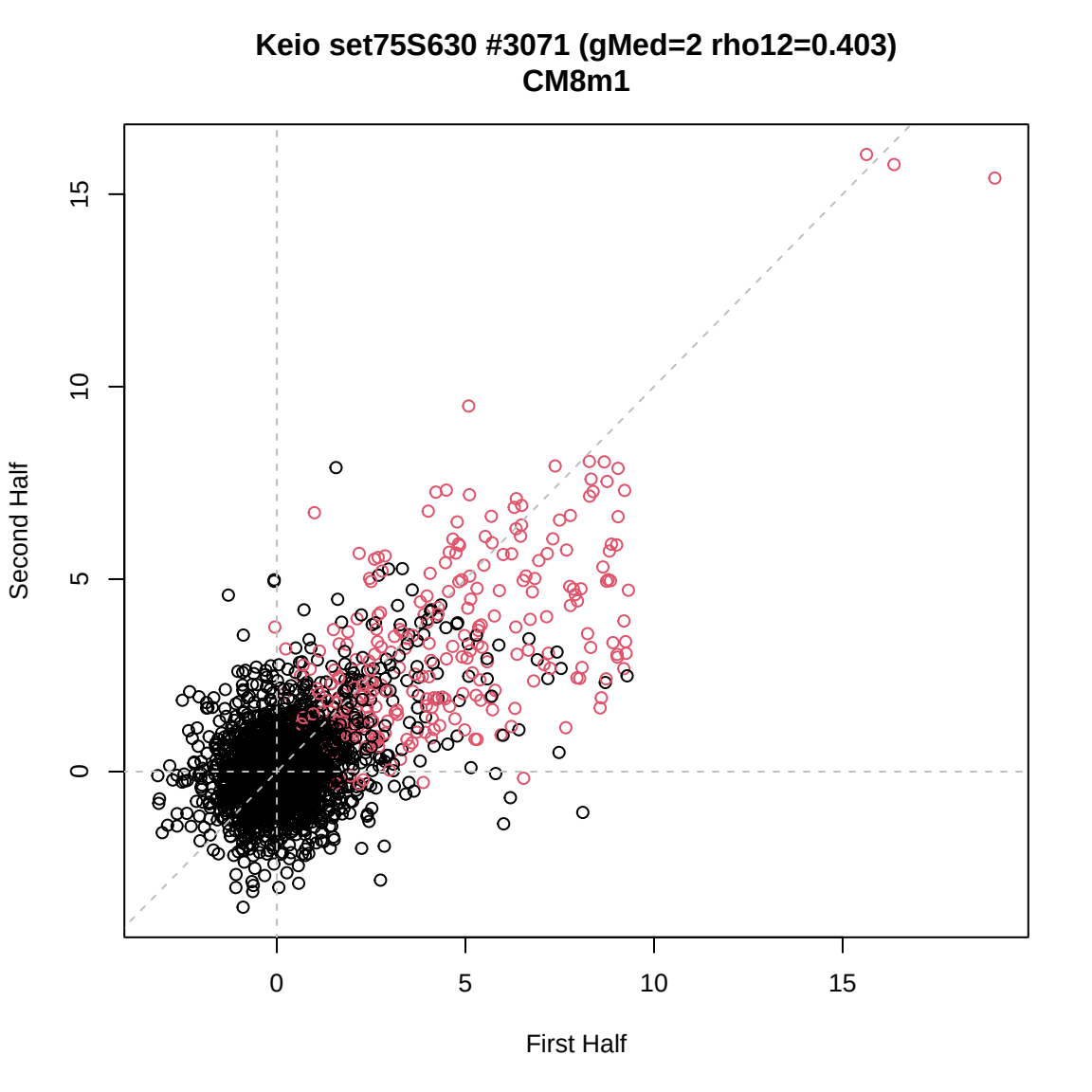

Keio set75S625 #3066 (gMed=0 rho12=0.502)
NpG
Second Half
First Half
15
10
5
0
0
5
10
15

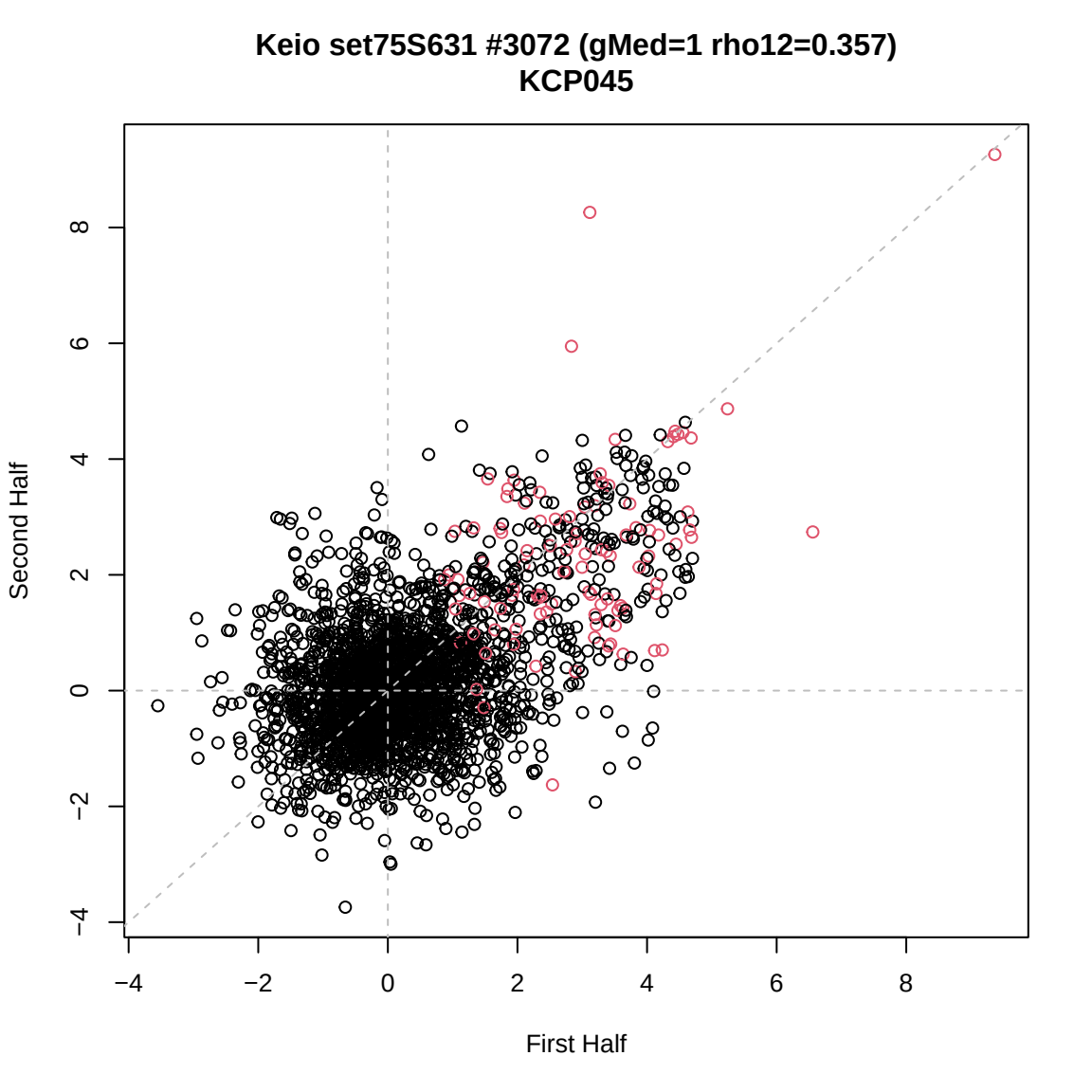

Keio set75S626 #3067 (gMed=0 rho12=0.498)
NpG
Second Half
First Half
0
5
10
15

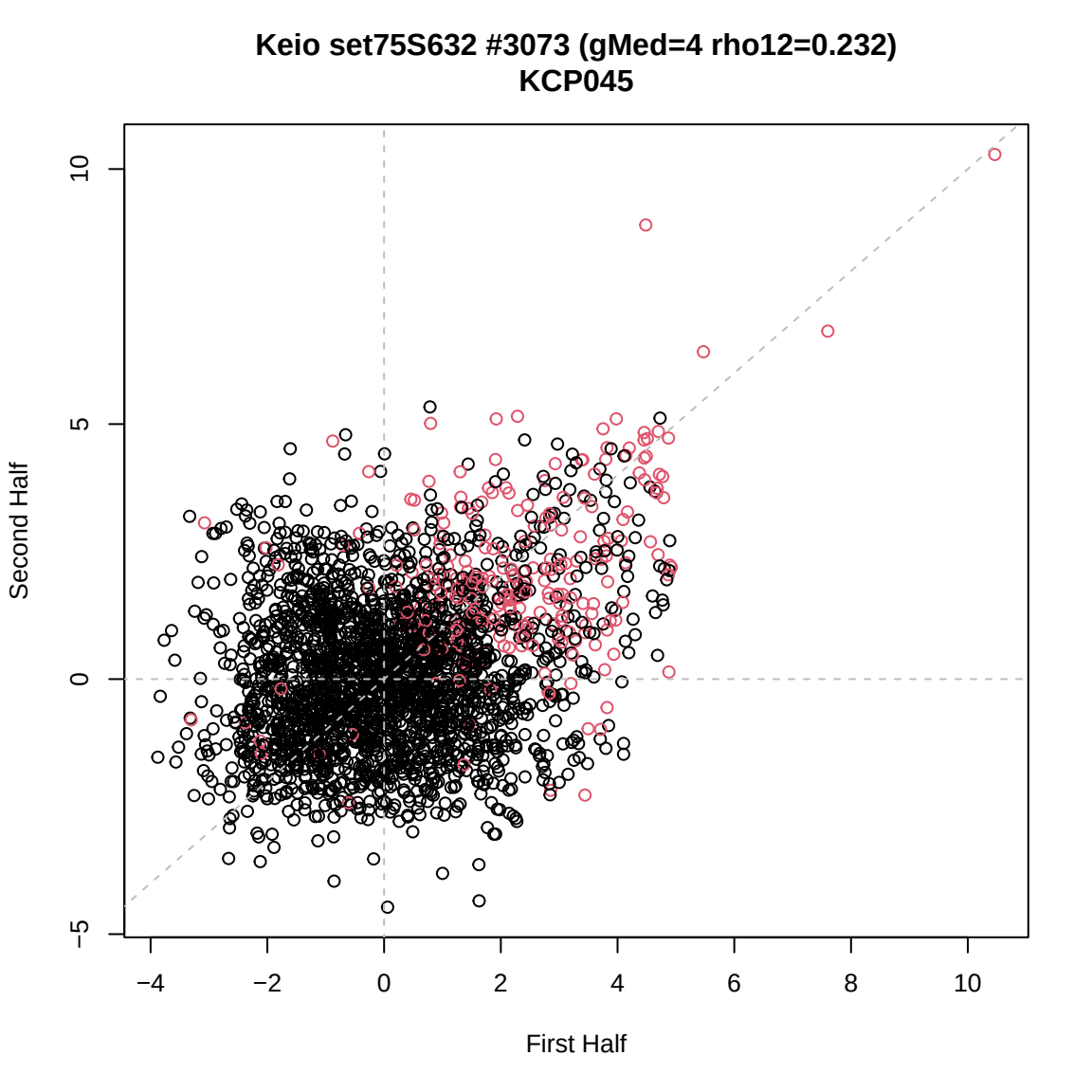

Keio set75S627 #3068 (gMed=3 rho12=0.457)
NpR
Second Half
First Half
0
5
10
15

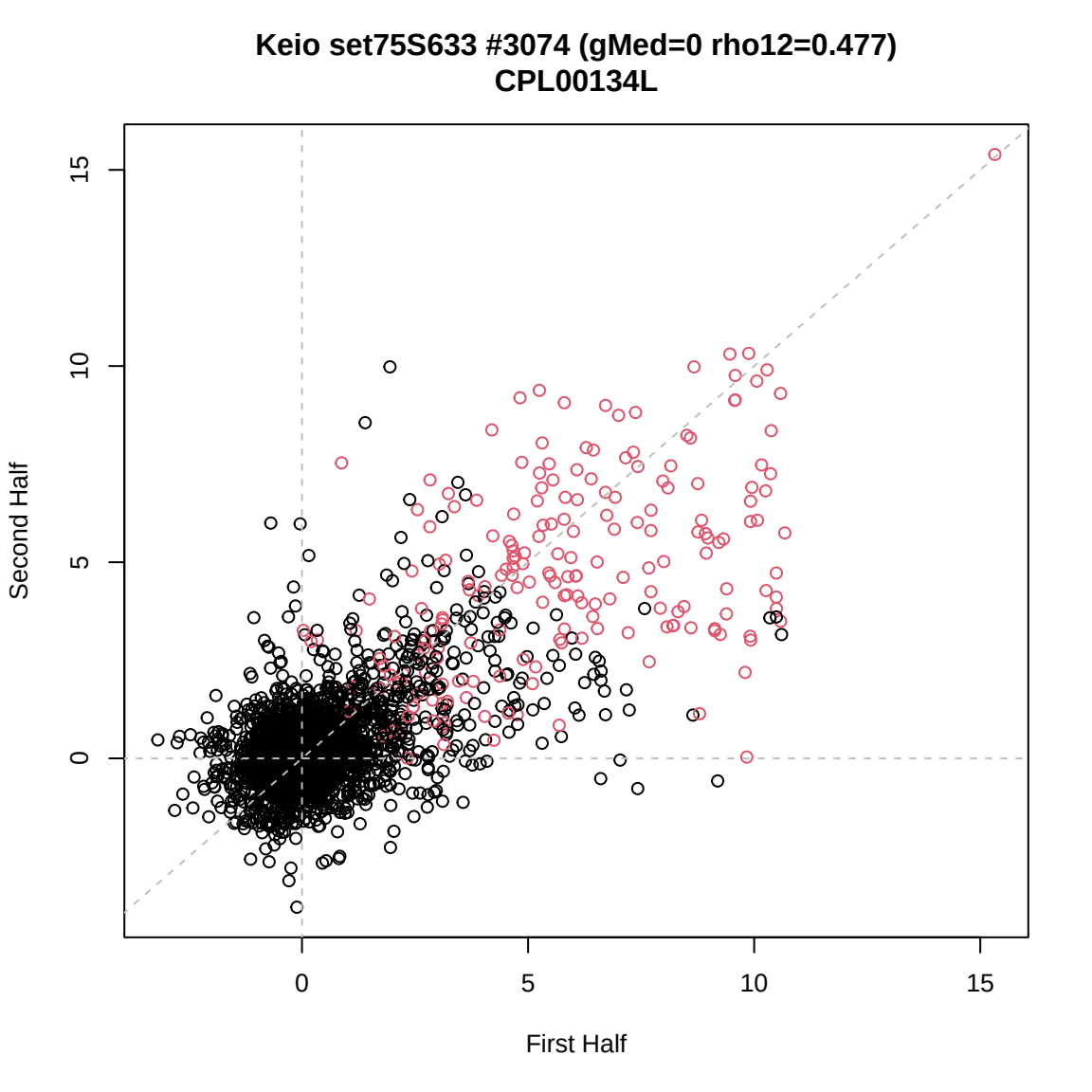

Keio set75S628 #3069 (gMed=3 rho12=0.462)
NpR
Second Half
First Half
0
5
10
15

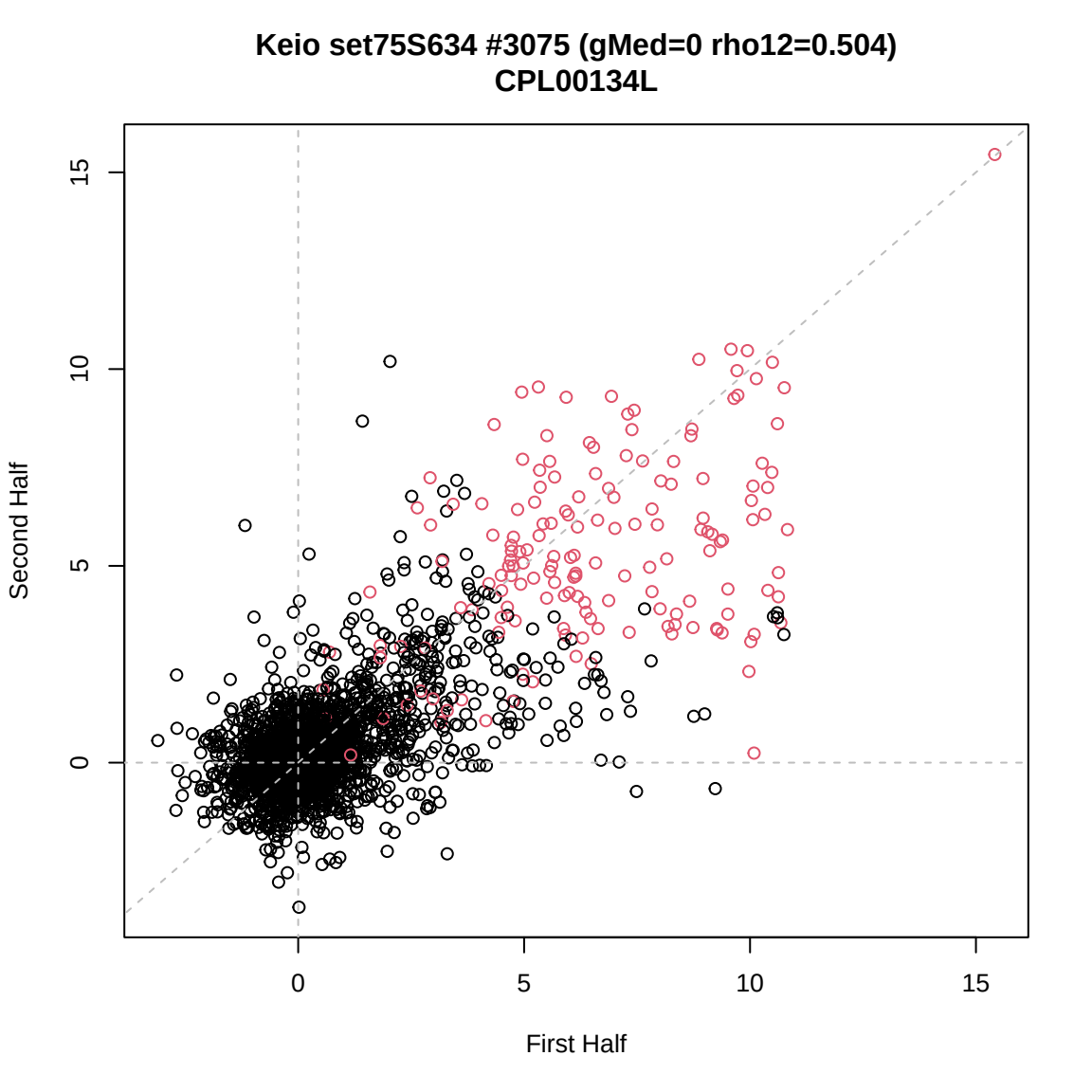

Keio set75S629 #3070 (gMed=2 rho12=0.449)
CM8m1
Second Half
First Half
0
5
10
15

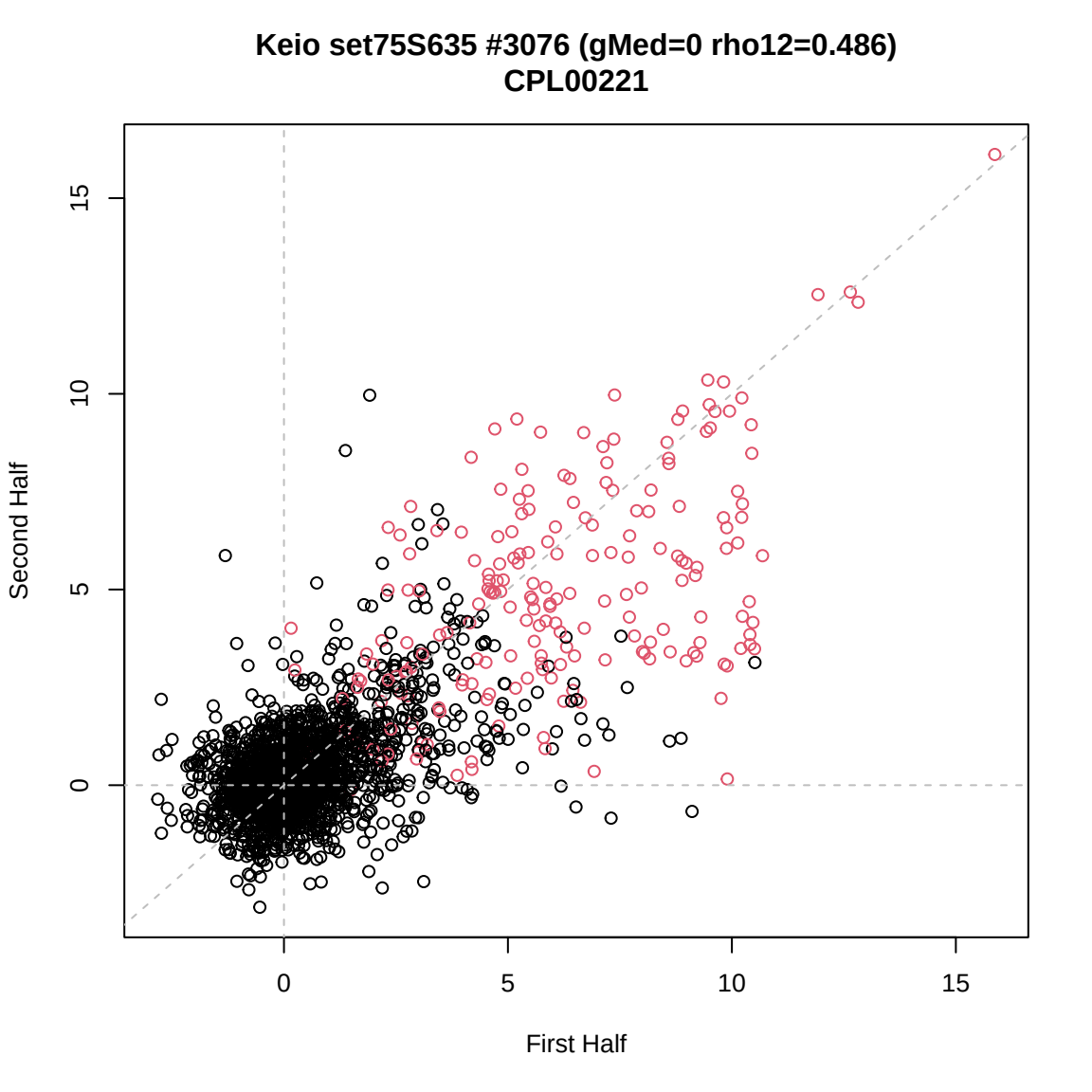

Keio set75S630 #3071 (gMed=2 rho12=0.403)
CM8m1
Second Half
First Half
0
5
10
15

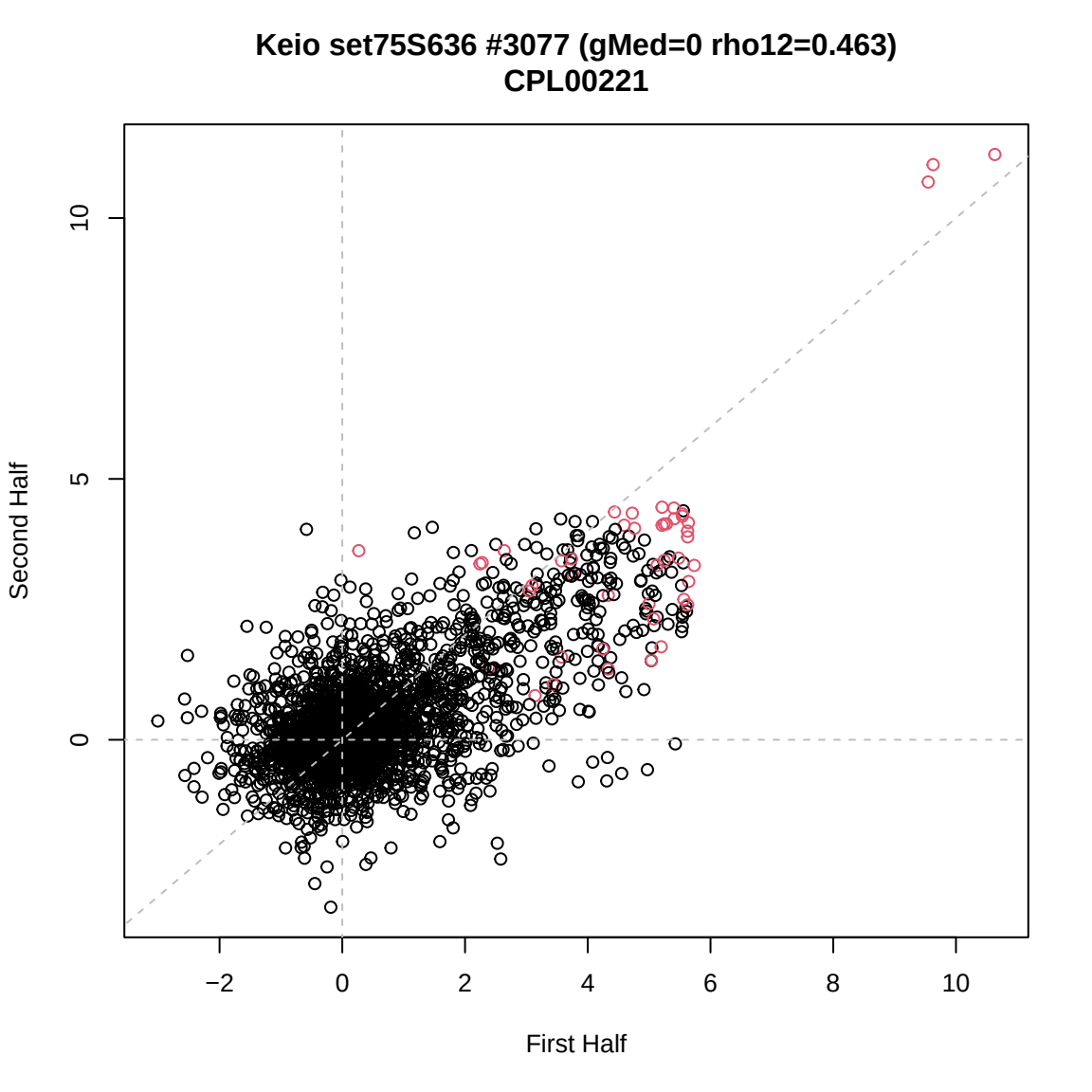

Keio set75S631 #3072 (gMed=1 rho12=0.357)
KCP045
Second Half
First Half
−4
−2
0
2
4
6
8

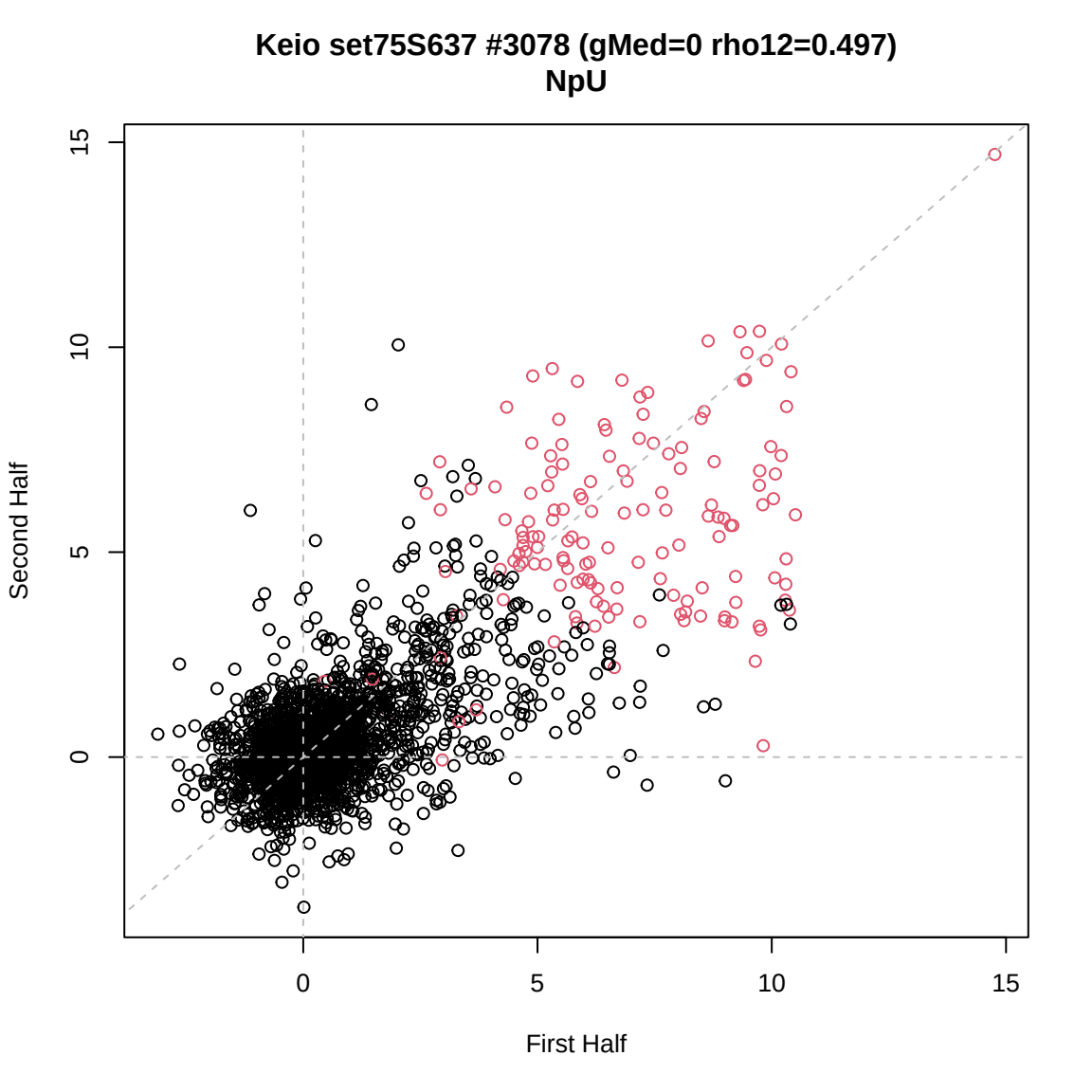

Keio set75S632 #3073 (gMed=4 rho12=0.232)
KCP045
Second Half
First Half
10
5
0
−5
−4
−2
0
2
4
6
8
10

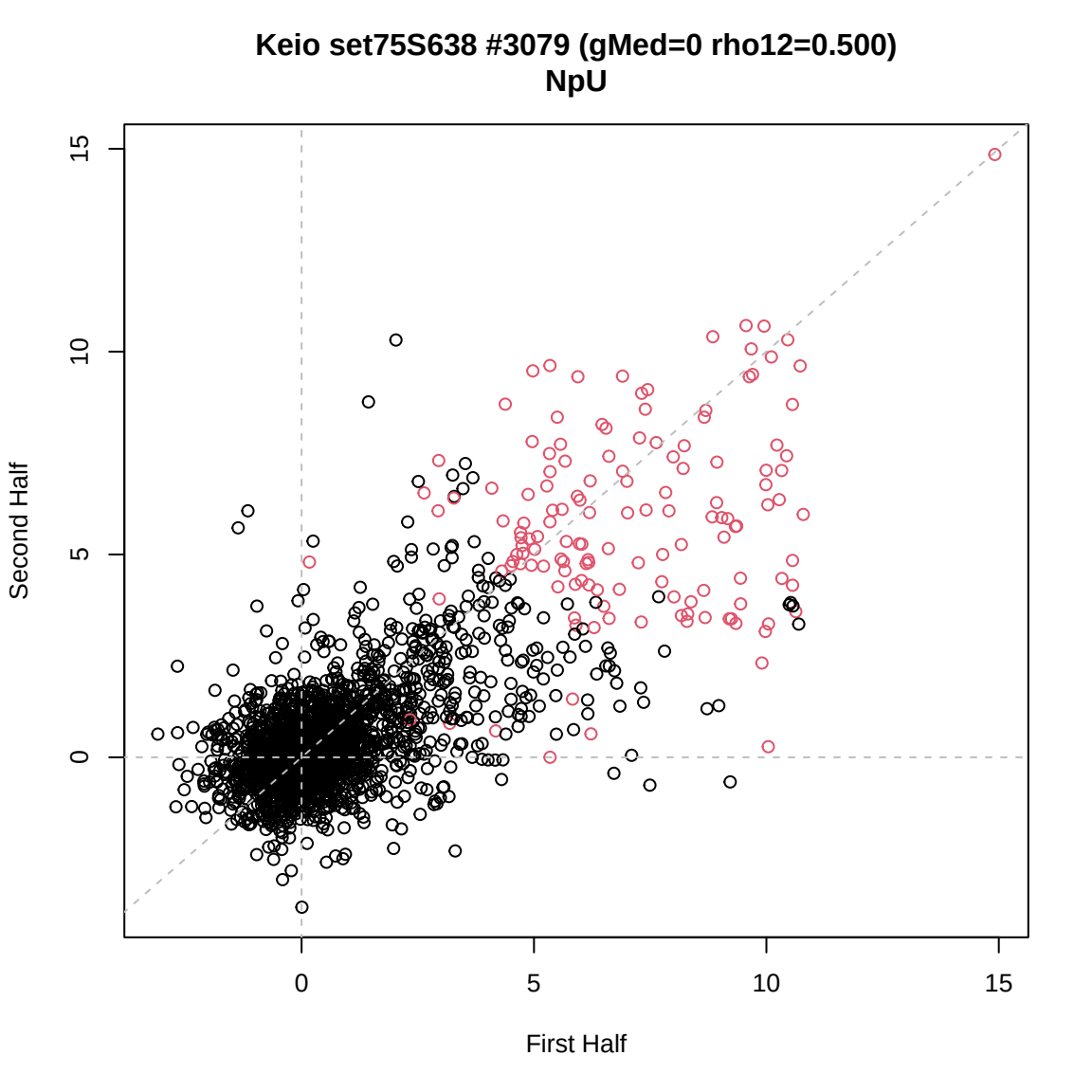

Keio set75S633 #3074 (gMed=0 rho12=0.477)
CPL00134L
Second Half
First Half
0
5
10
15

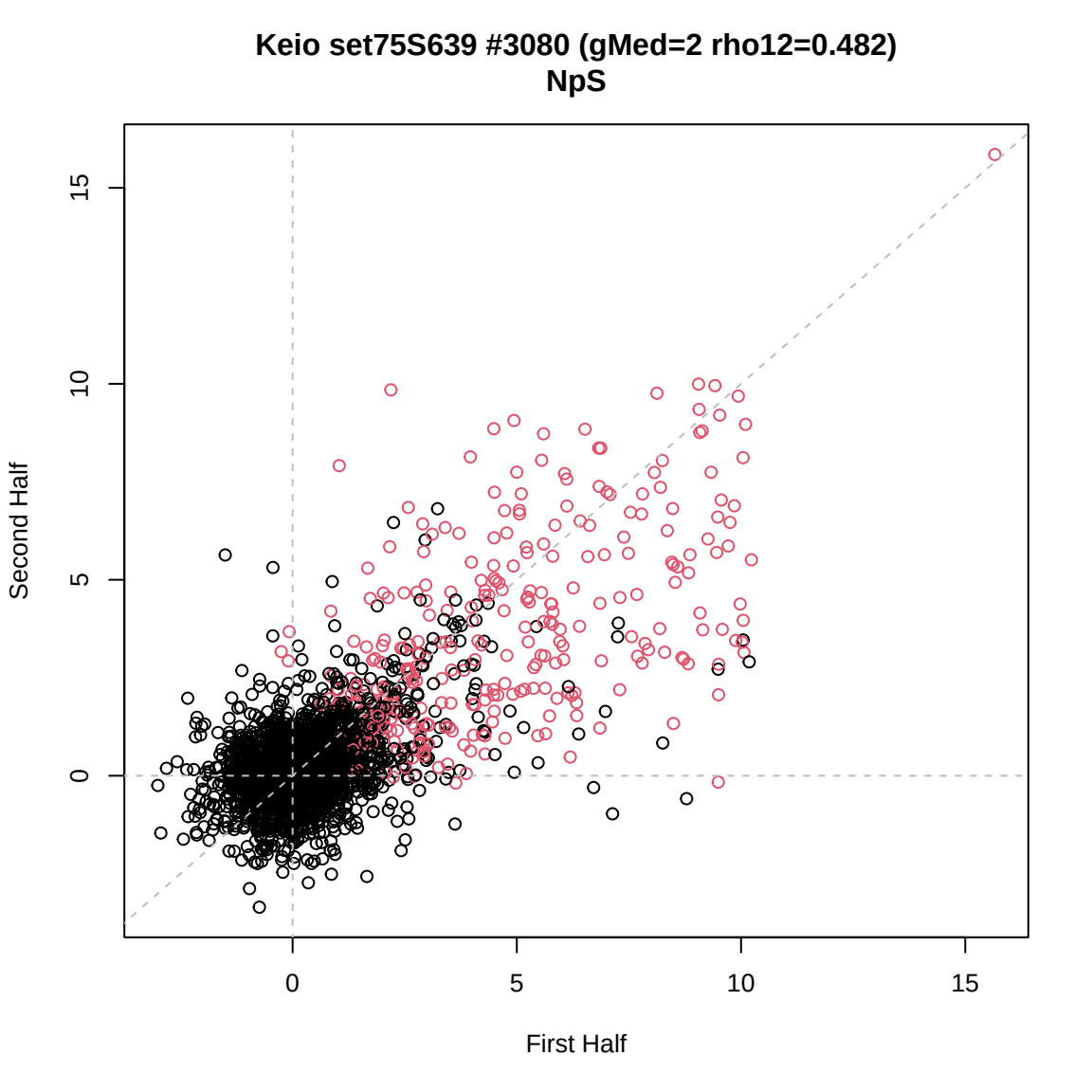

Keio set75S634 #3075 (gMed=0 rho12=0.504)
CPL00134L
Second Half
First Half
0
5
10
15

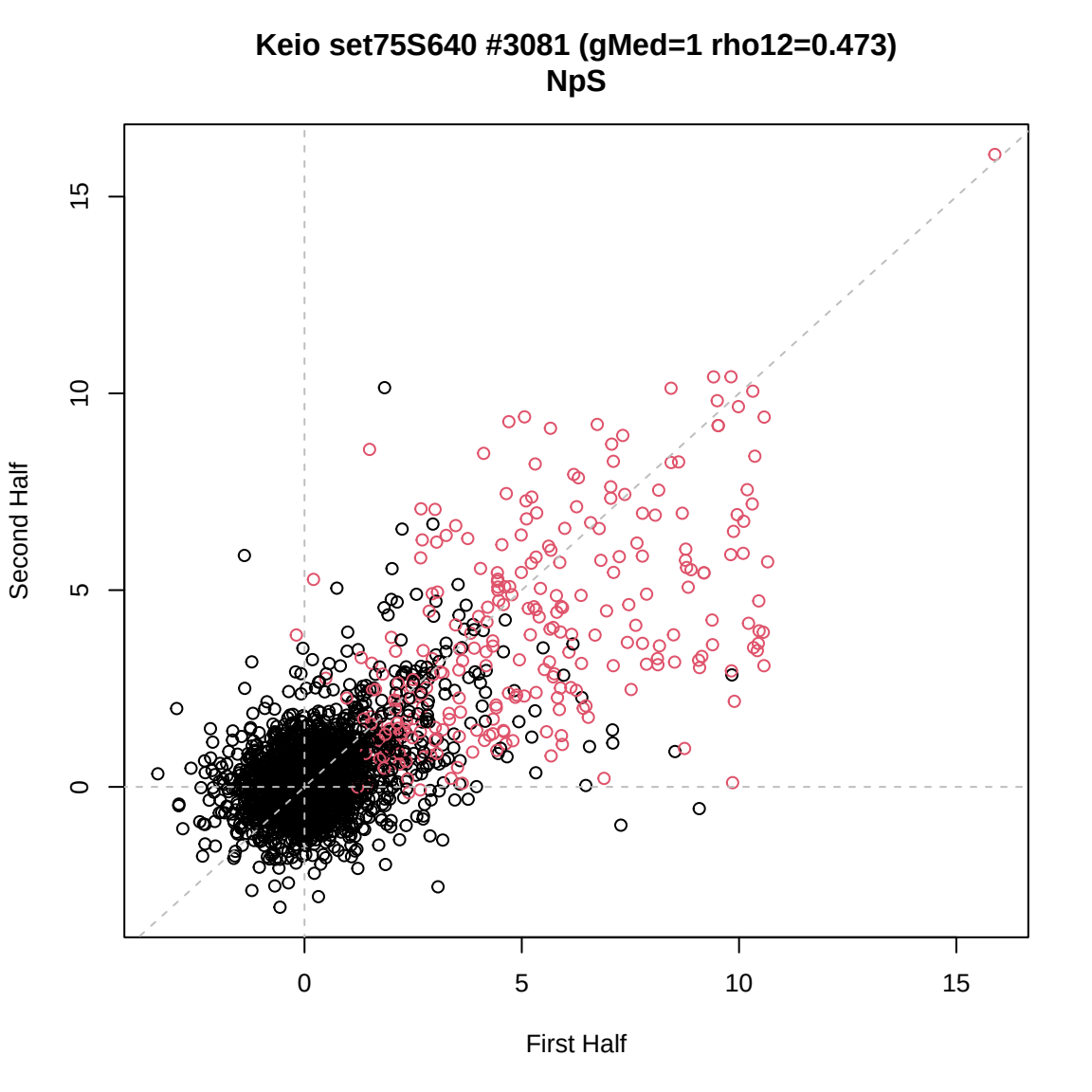

Keio set75S635 #3076 (gMed=0 rho12=0.486)
CPL00221
Second Half
First Half
15
10
5
0
0
5
10
15

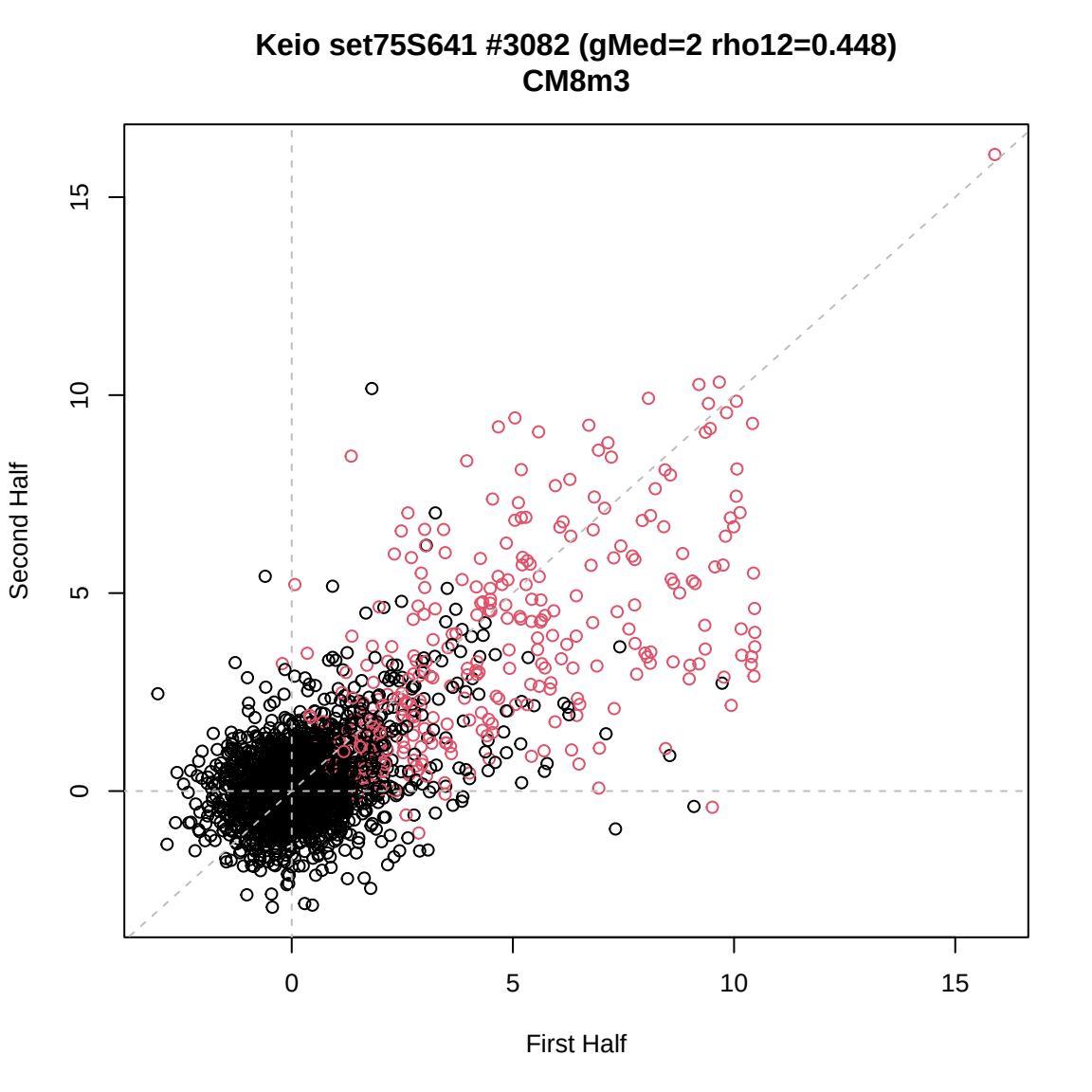

Keio set75S636 #3077 (gMed=0 rho12=0.463)
CPL00221
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

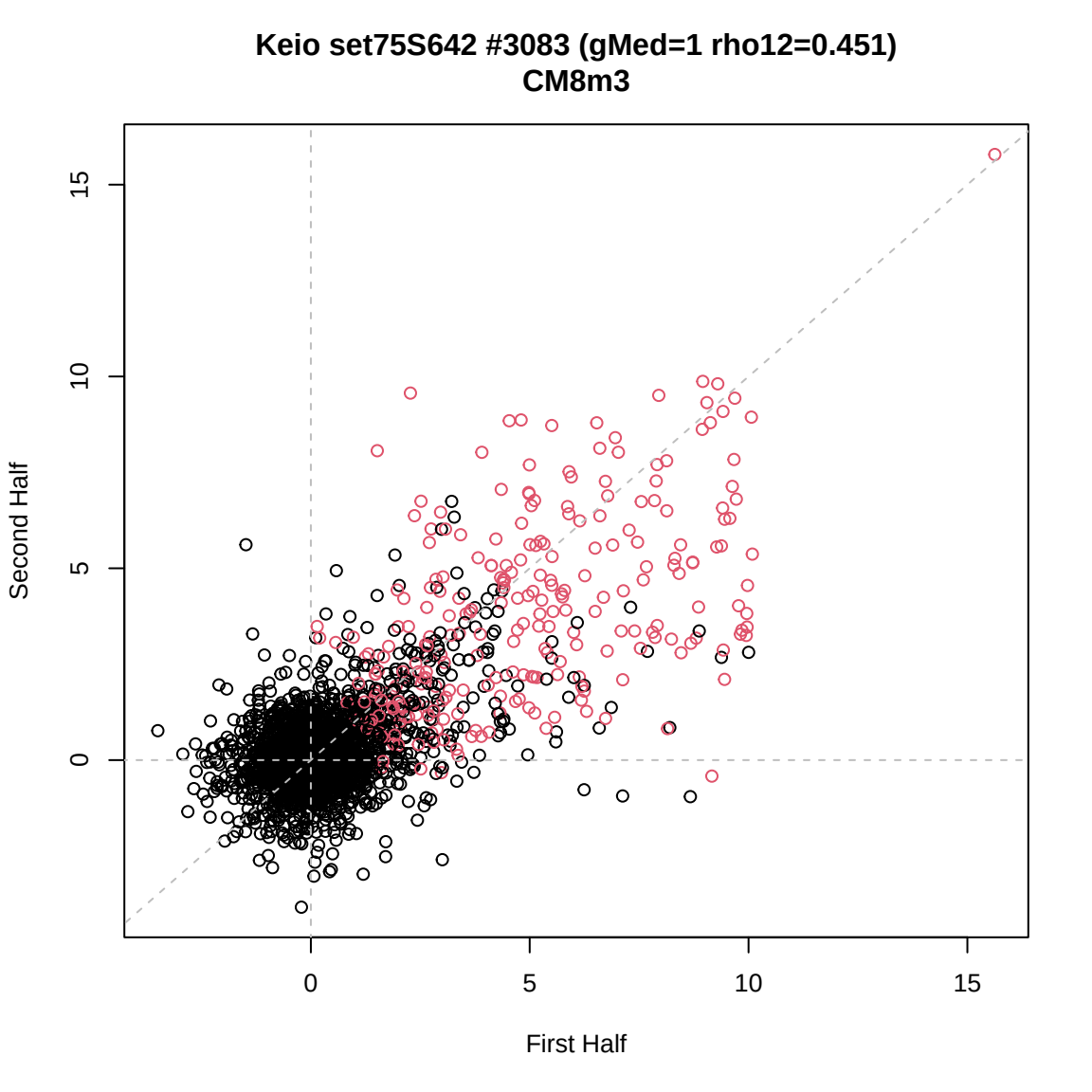

Keio set75S637 #3078 (gMed=0 rho12=0.497)
NpU
Second Half
First Half
15
10
5
0
0
5
10
15

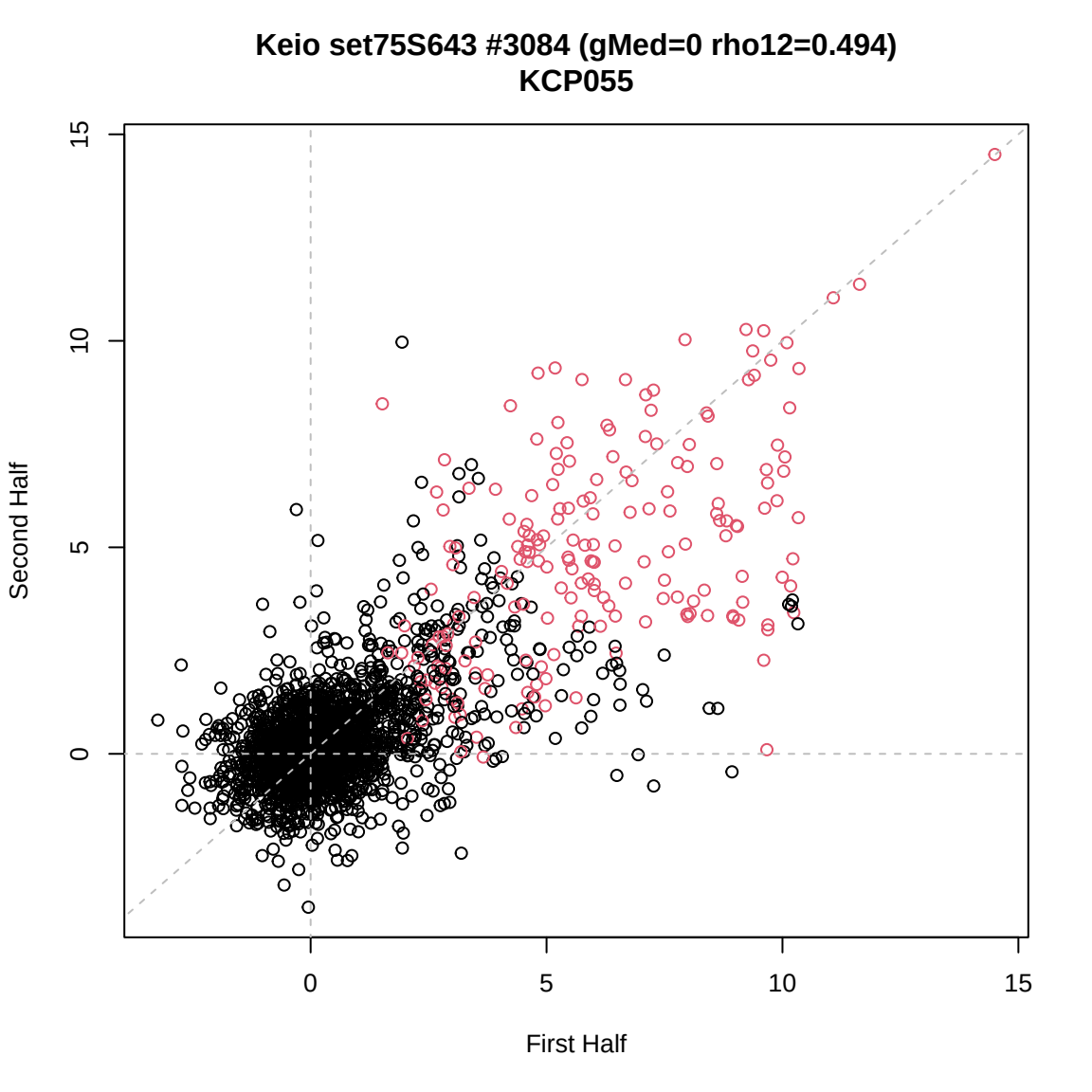

Keio set75S638 #3079 (gMed=0 rho12=0.500)
NpU
Second Half
First Half
15
10
5
0
0
5
10
15

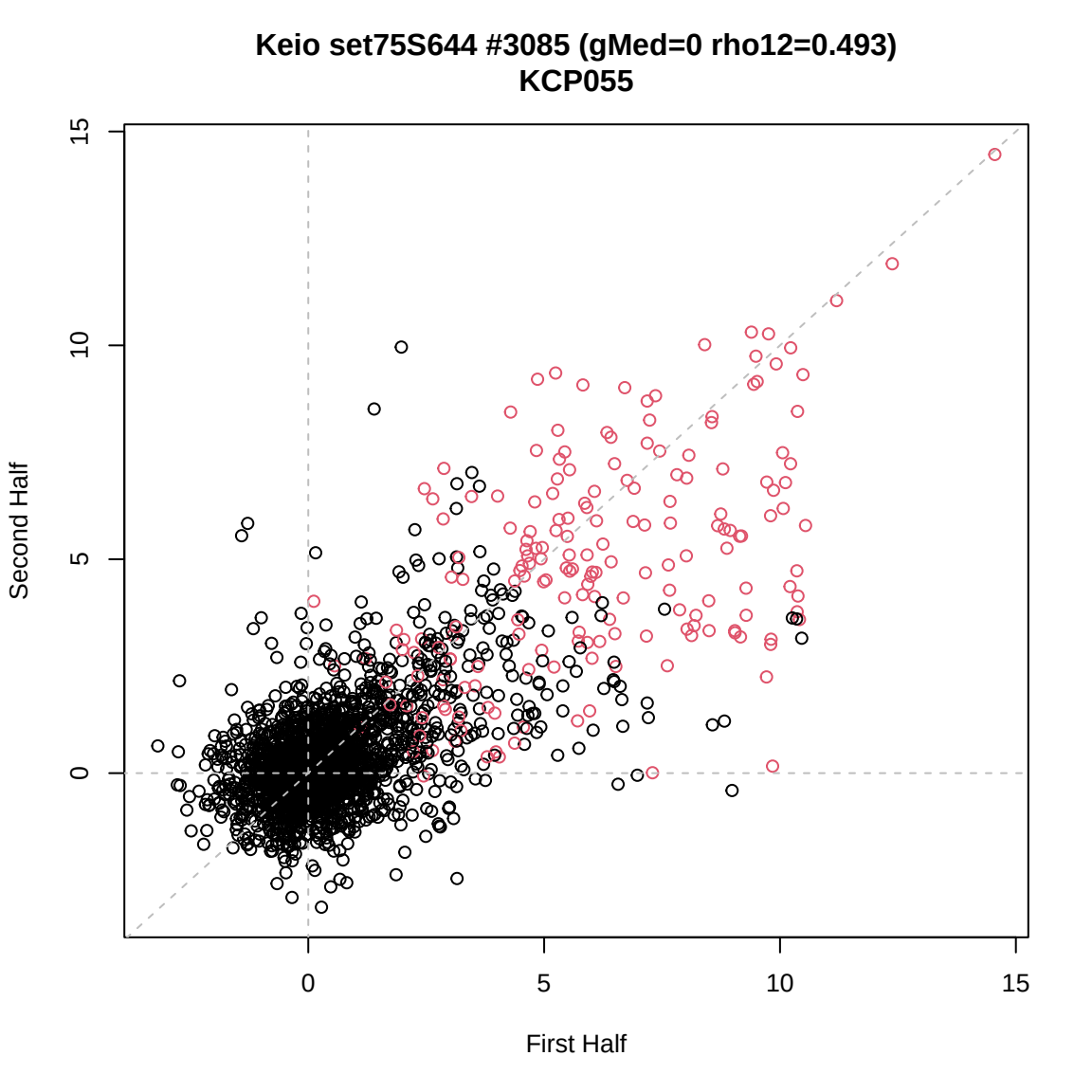

Keio set75S639 #3080 (gMed=2 rho12=0.482)
NpS
Second Half
First Half
0
5
10
15

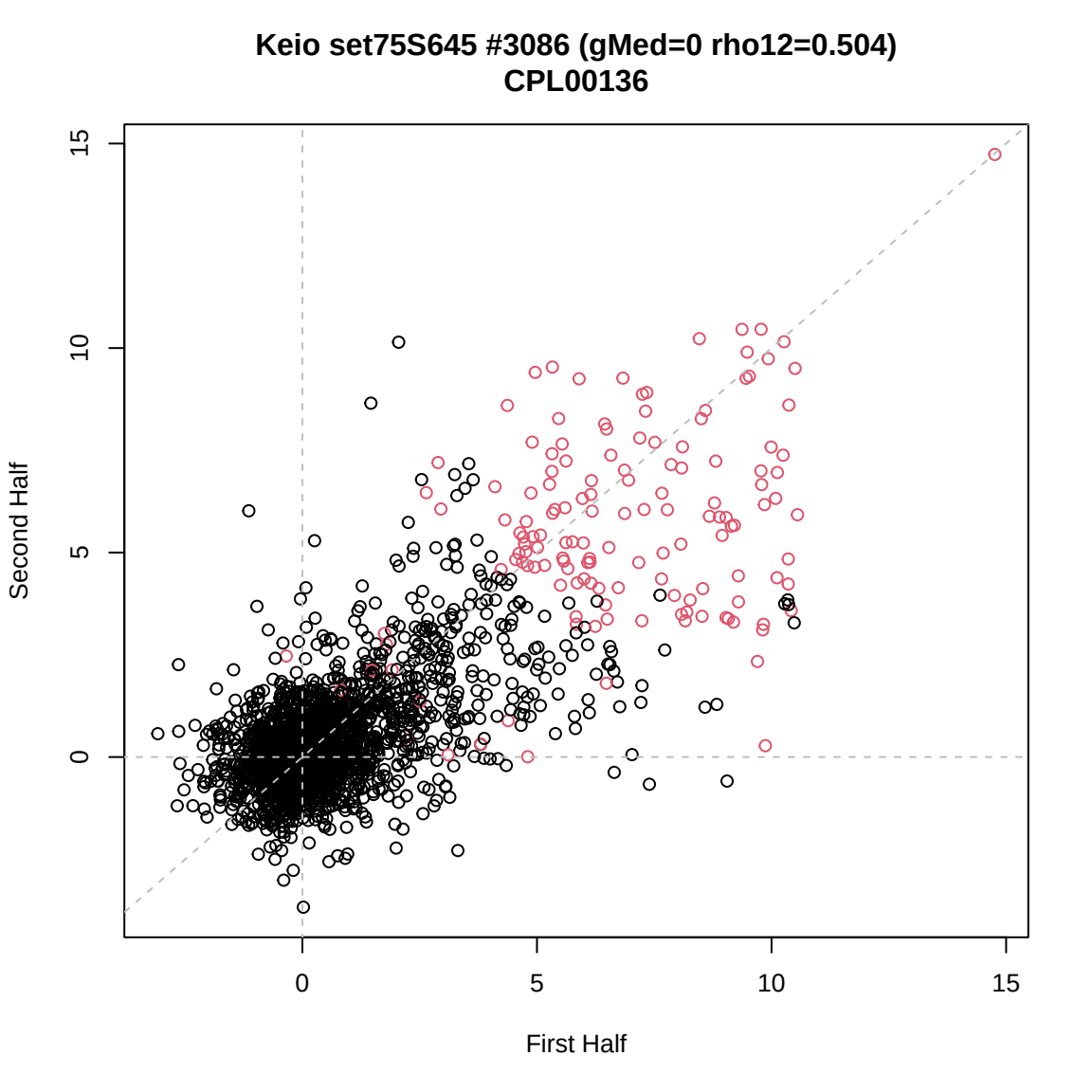

Keio set75S640 #3081 (gMed=1 rho12=0.473)
NpS
Second Half
First Half
0
5
10
15

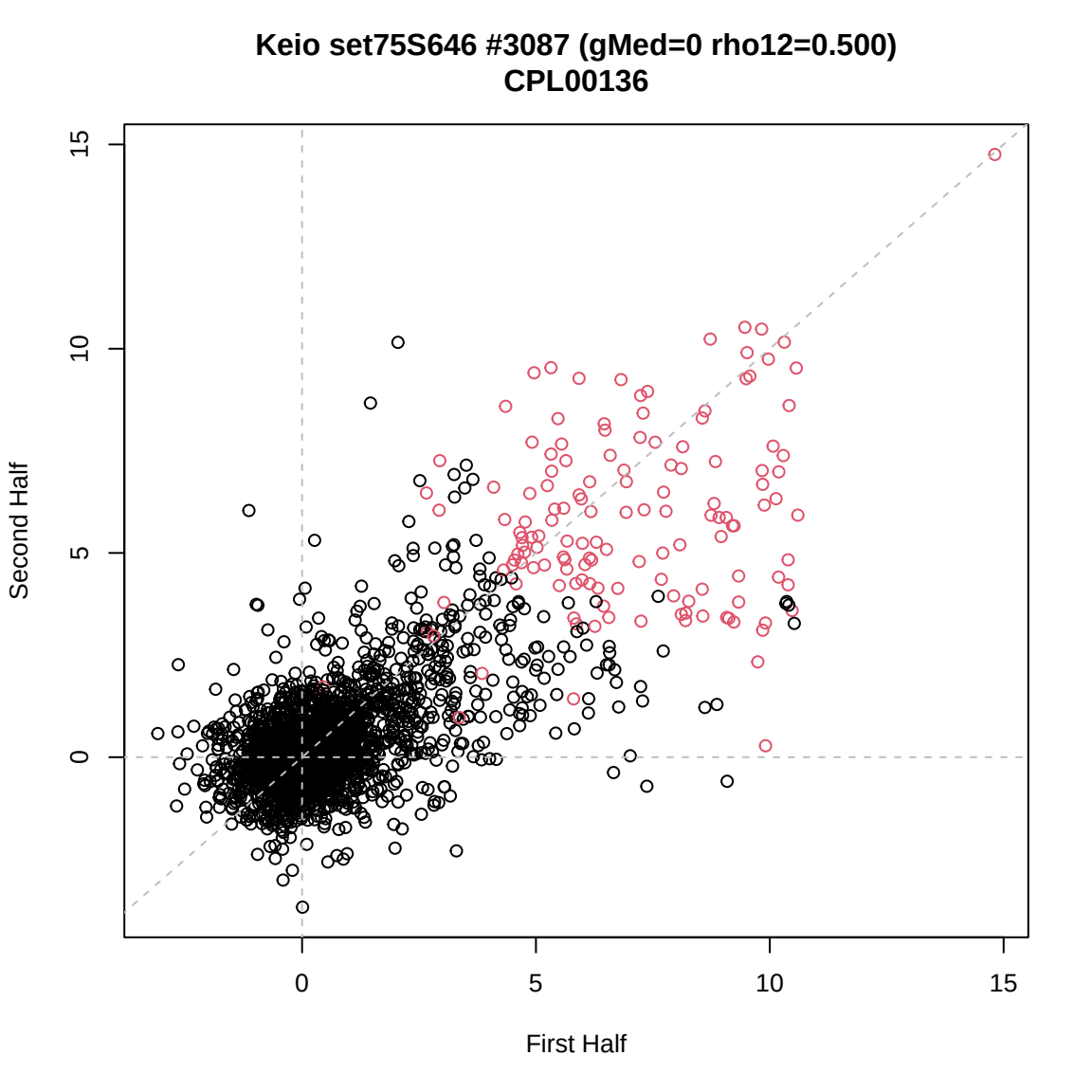

Keio set75S641 #3082 (gMed=2 rho12=0.448)
CM8m3
Second Half
First Half
0
5
10
15

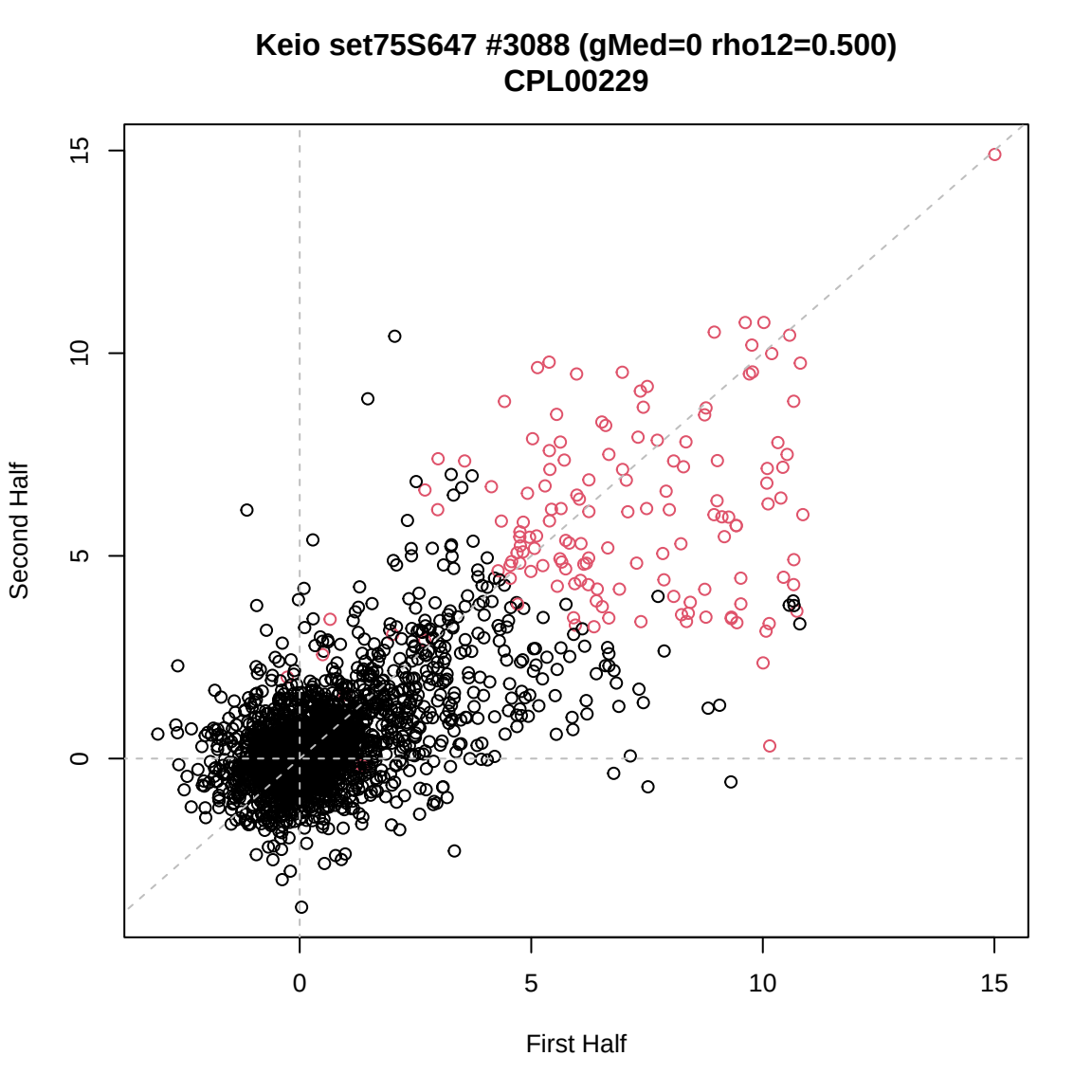

Keio set75S642 #3083 (gMed=1 rho12=0.451)
CM8m3
Second Half
First Half
0
5
10
15

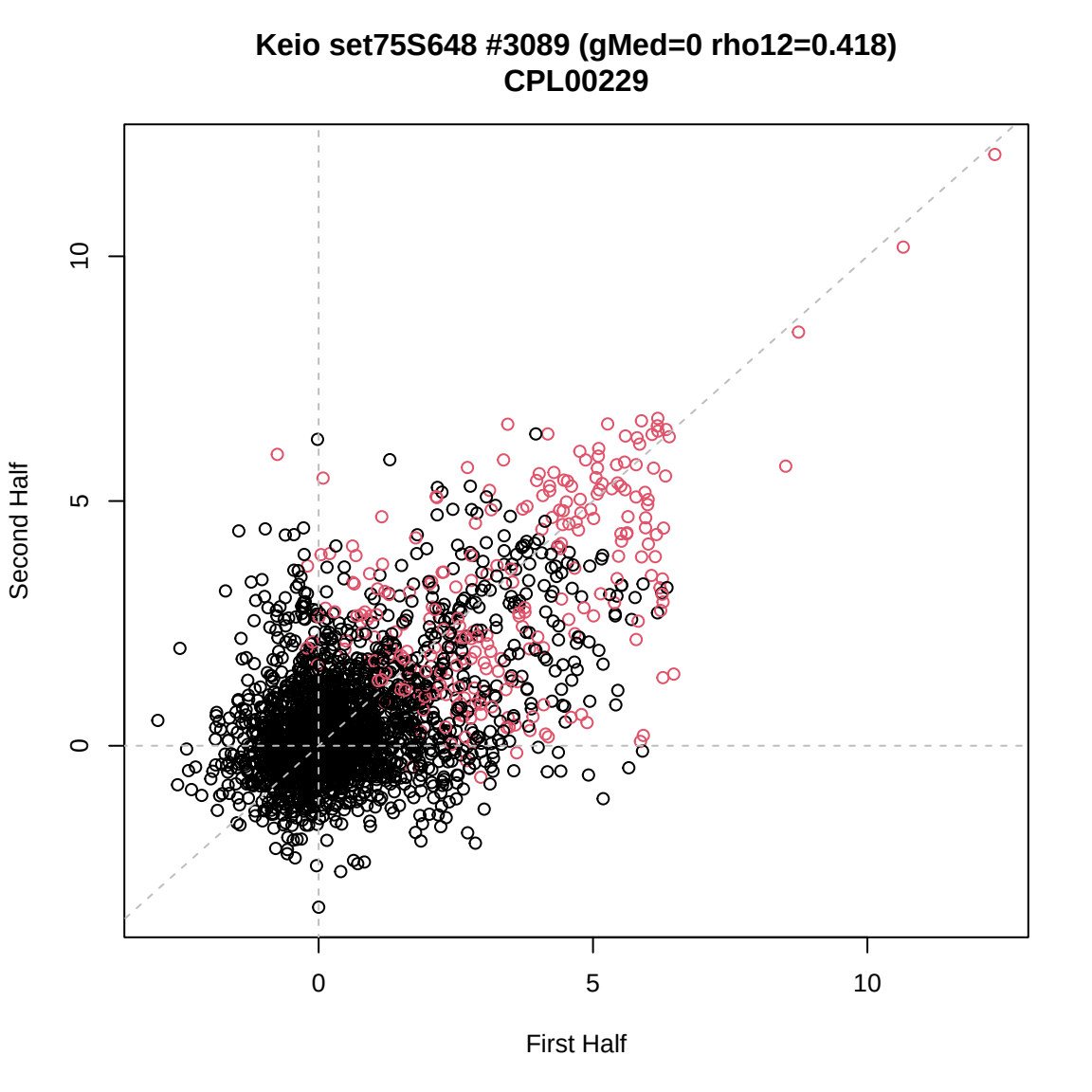

Keio set75S643 #3084 (gMed=0 rho12=0.494)
KCP055
Second Half
First Half
15
10
5
0
0
5
10
15

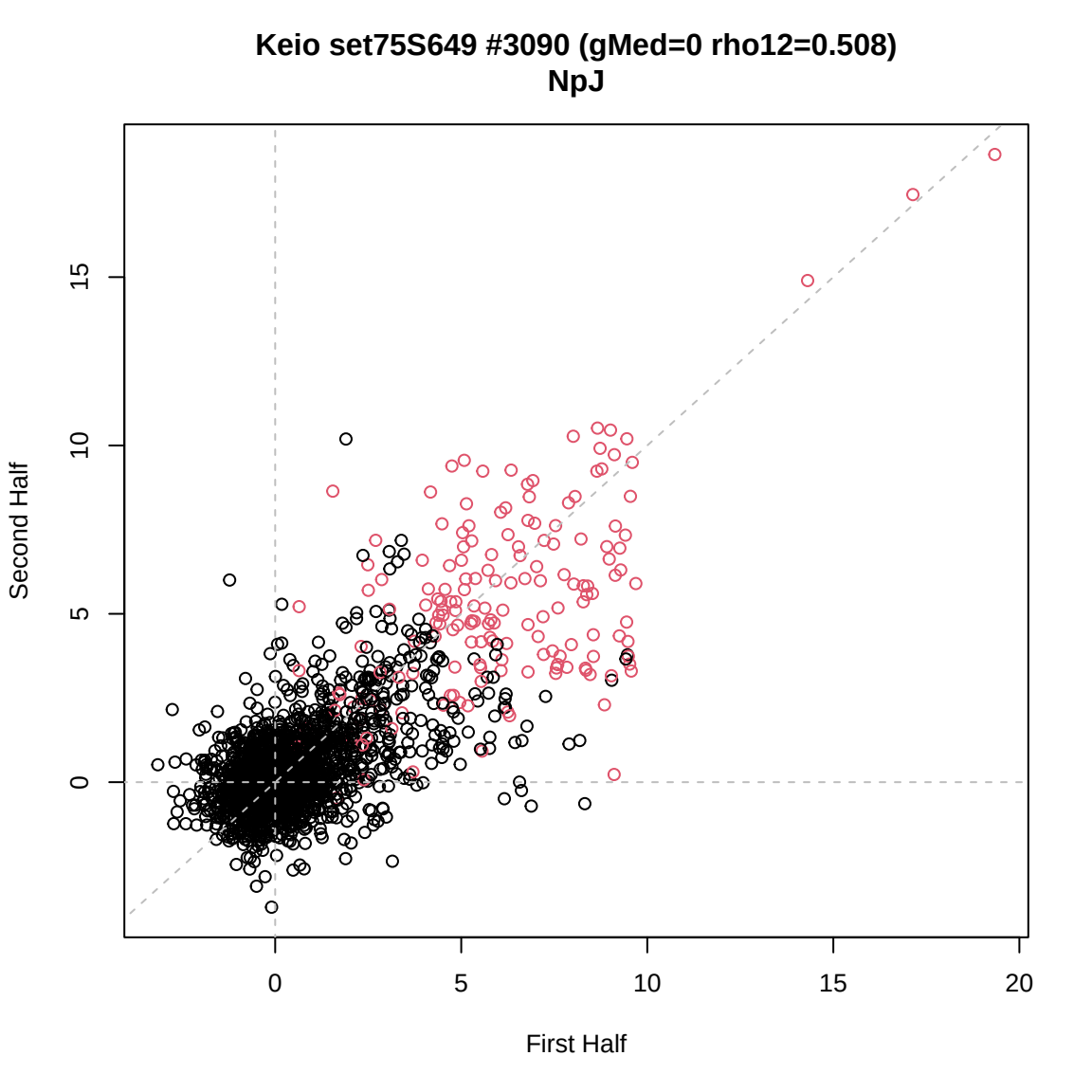

Keio set75S644 #3085 (gMed=0 rho12=0.493)
KCP055
Second Half
First Half
0
5
10
15

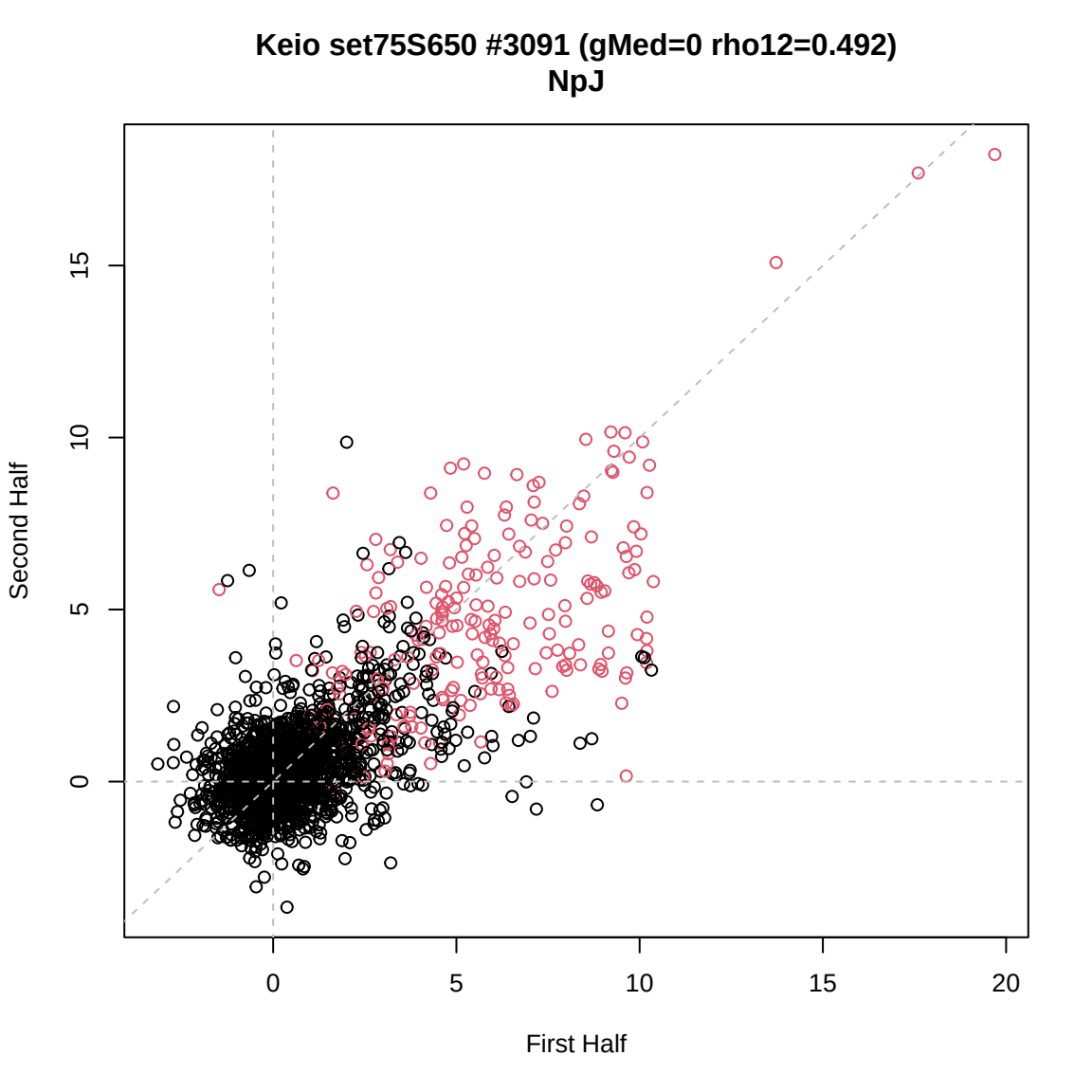

Keio set75S645 #3086 (gMed=0 rho12=0.504)
CPL00136
Second Half
First Half
15
10
5
0
0
5
10
15

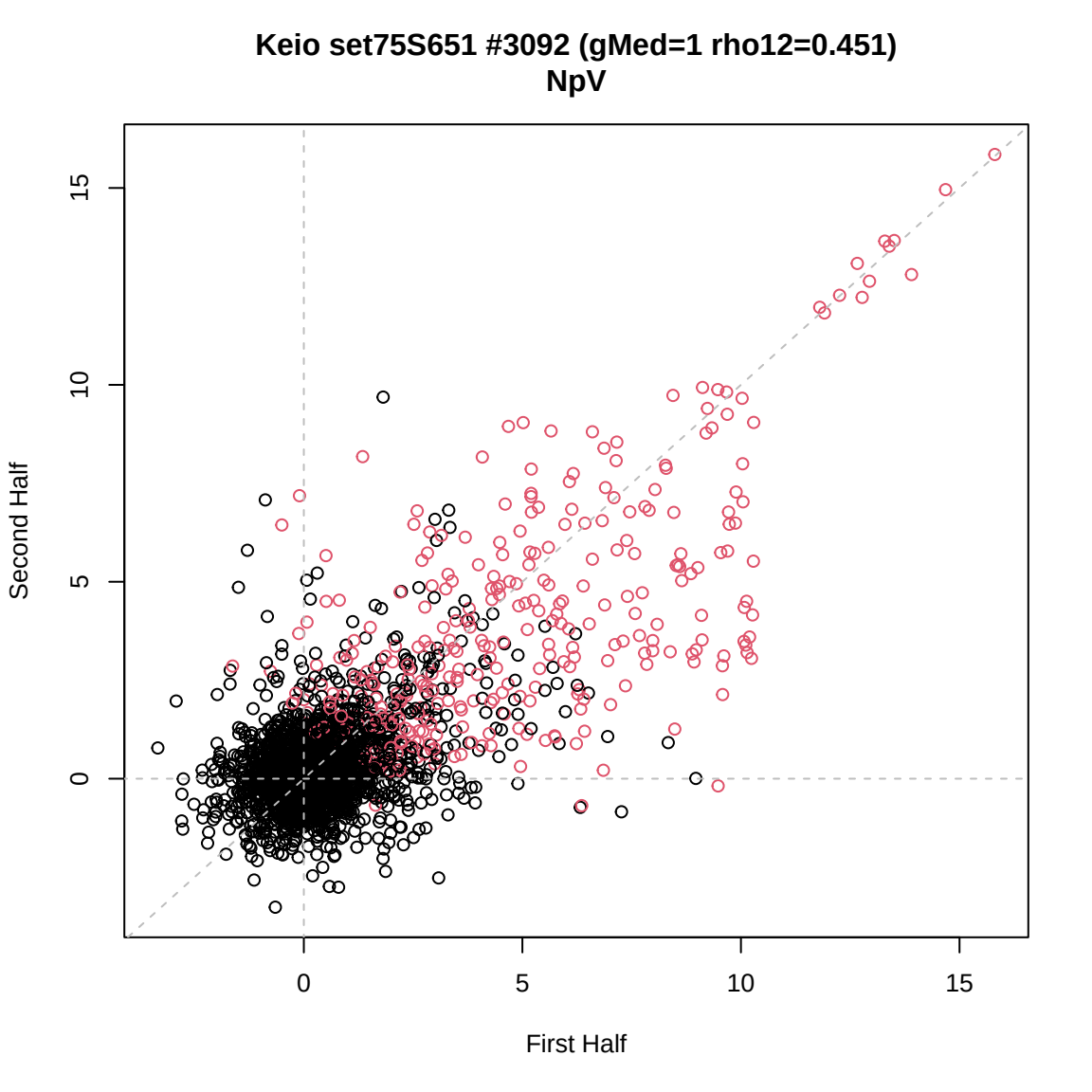

Keio set75S646 #3087 (gMed=0 rho12=0.500)
CPL00136
Second Half
First Half
15
10
5
0
0
5
10
15

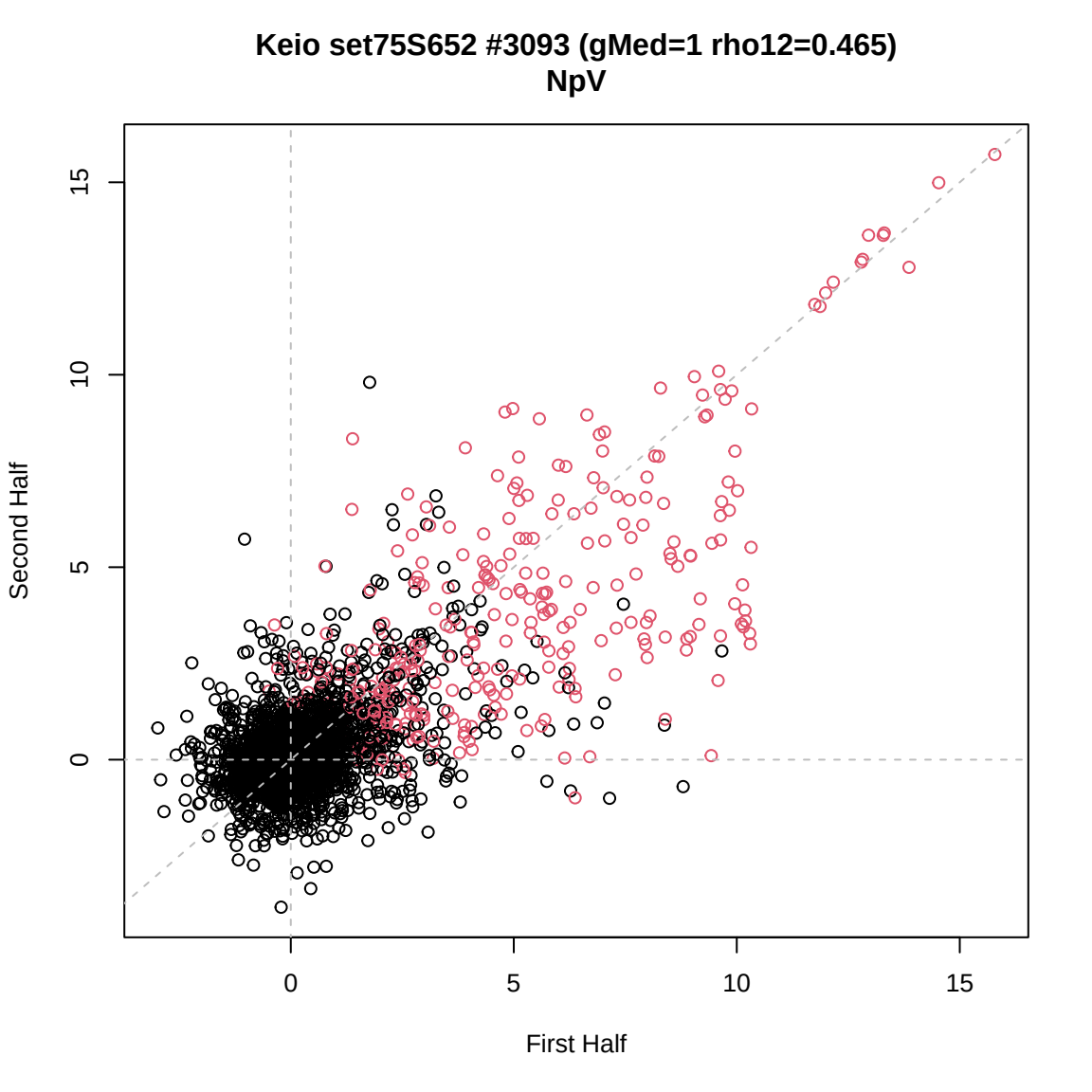

Keio set75S647 #3088 (gMed=0 rho12=0.500)
CPL00229
Second Half
First Half
15
10
5
0
0
5
10
15

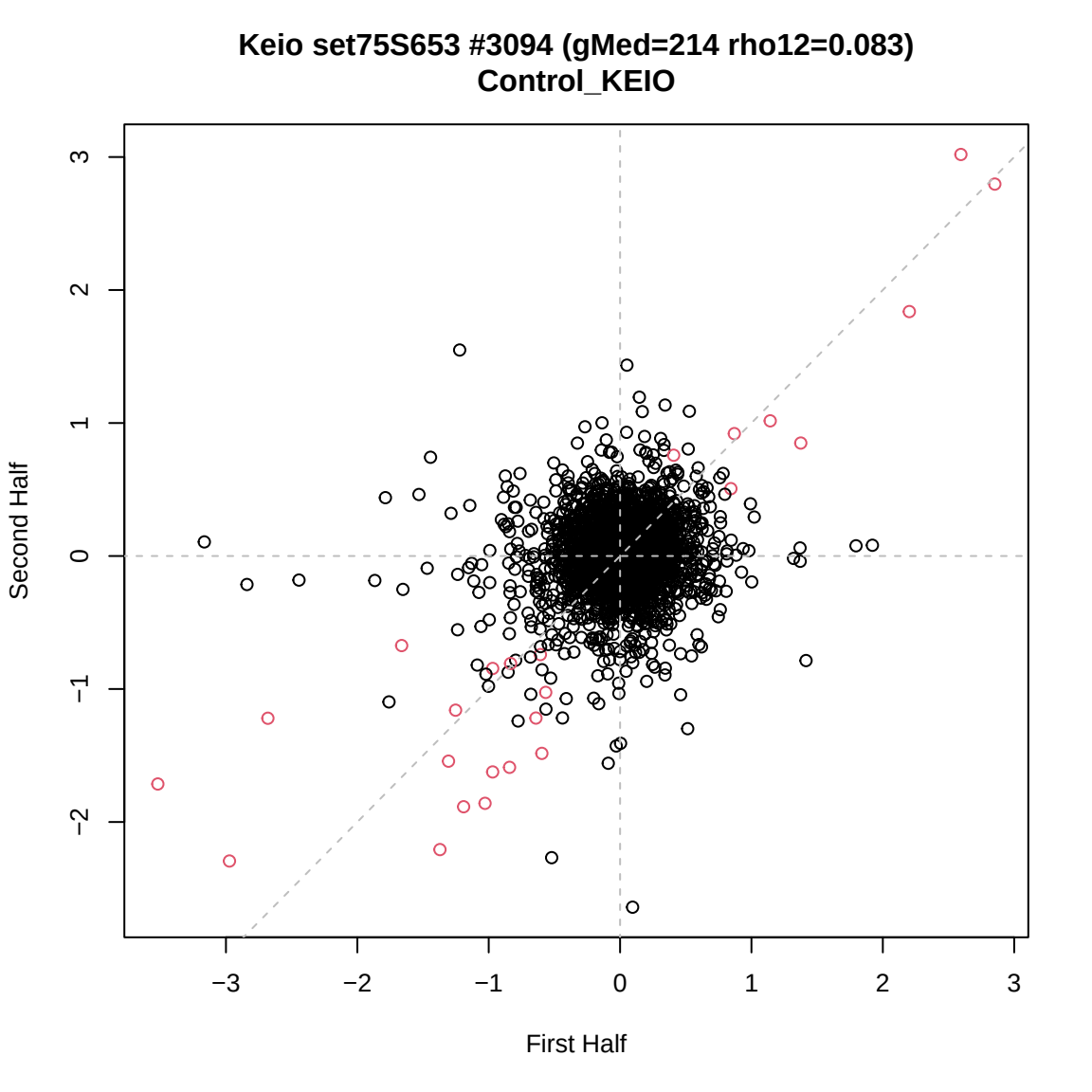

Keio set75S648 #3089 (gMed=0 rho12=0.418)
CPL00229
Second Half
First Half
0
5
10
0
5
10

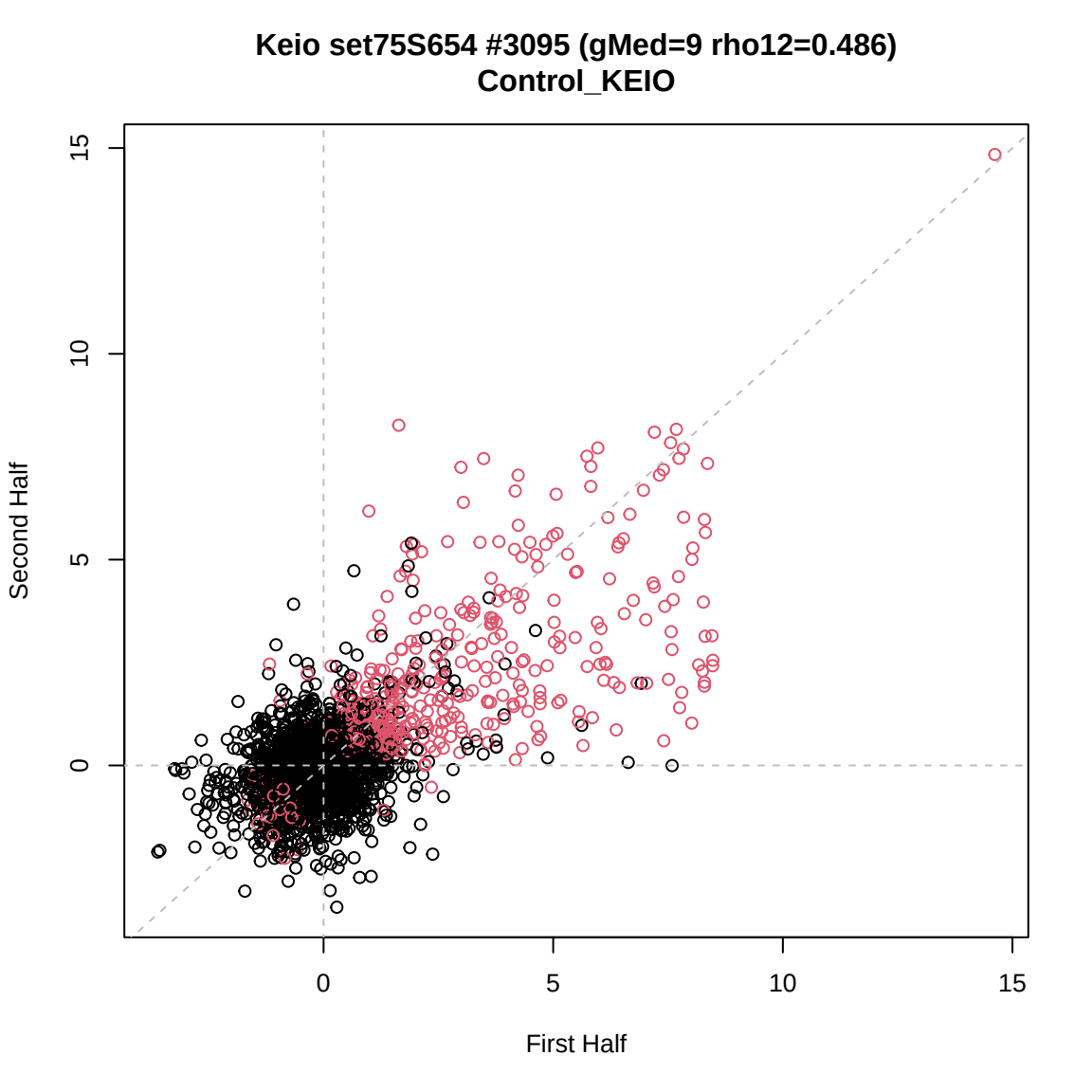

Keio set75S649 #3090 (gMed=0 rho12=0.508)
NpJ
Second Half
First Half
0
5
10
15
20

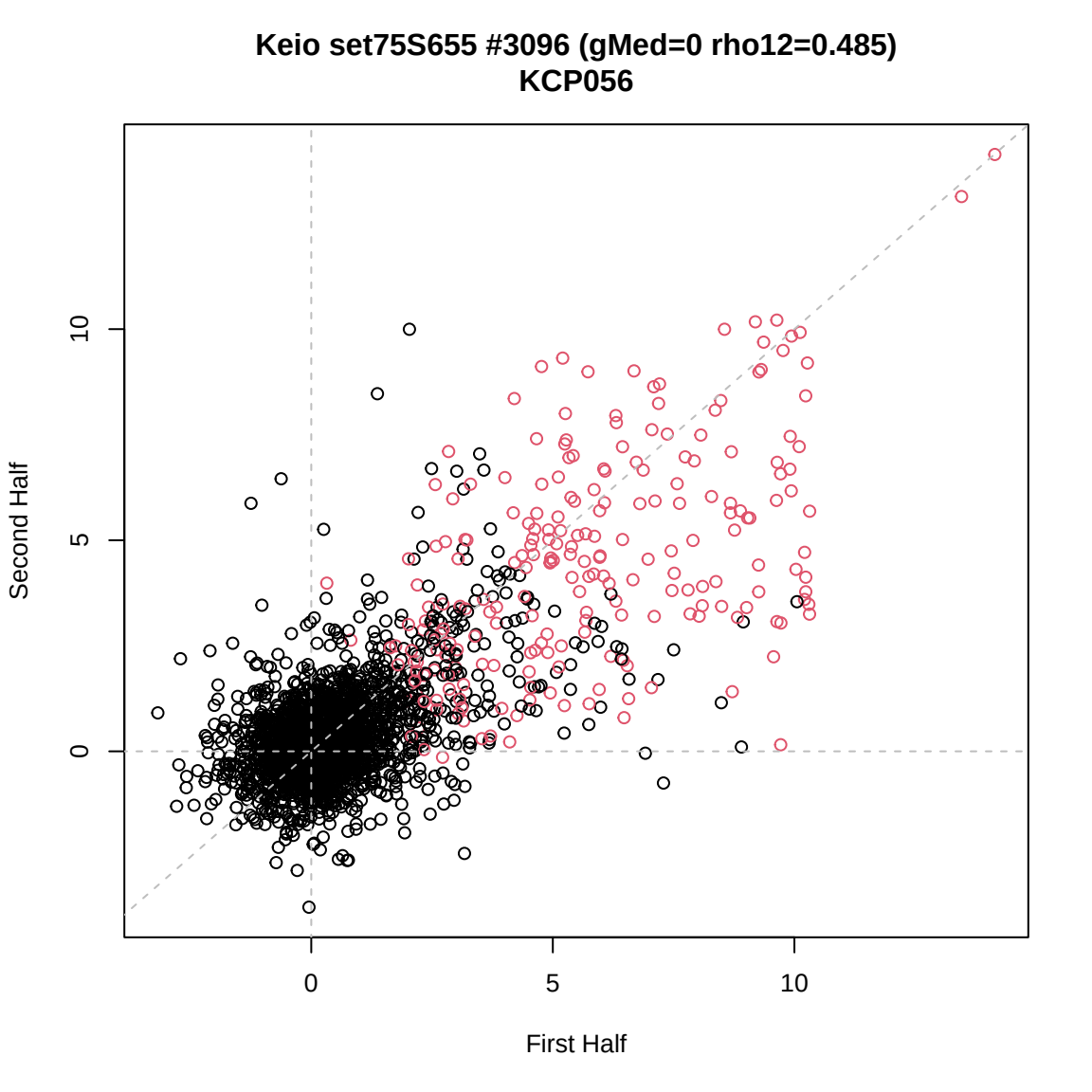

Keio set75S650 #3091 (gMed=0 rho12=0.492)
NpJ
Second Half
First Half
0
5
10
15
20

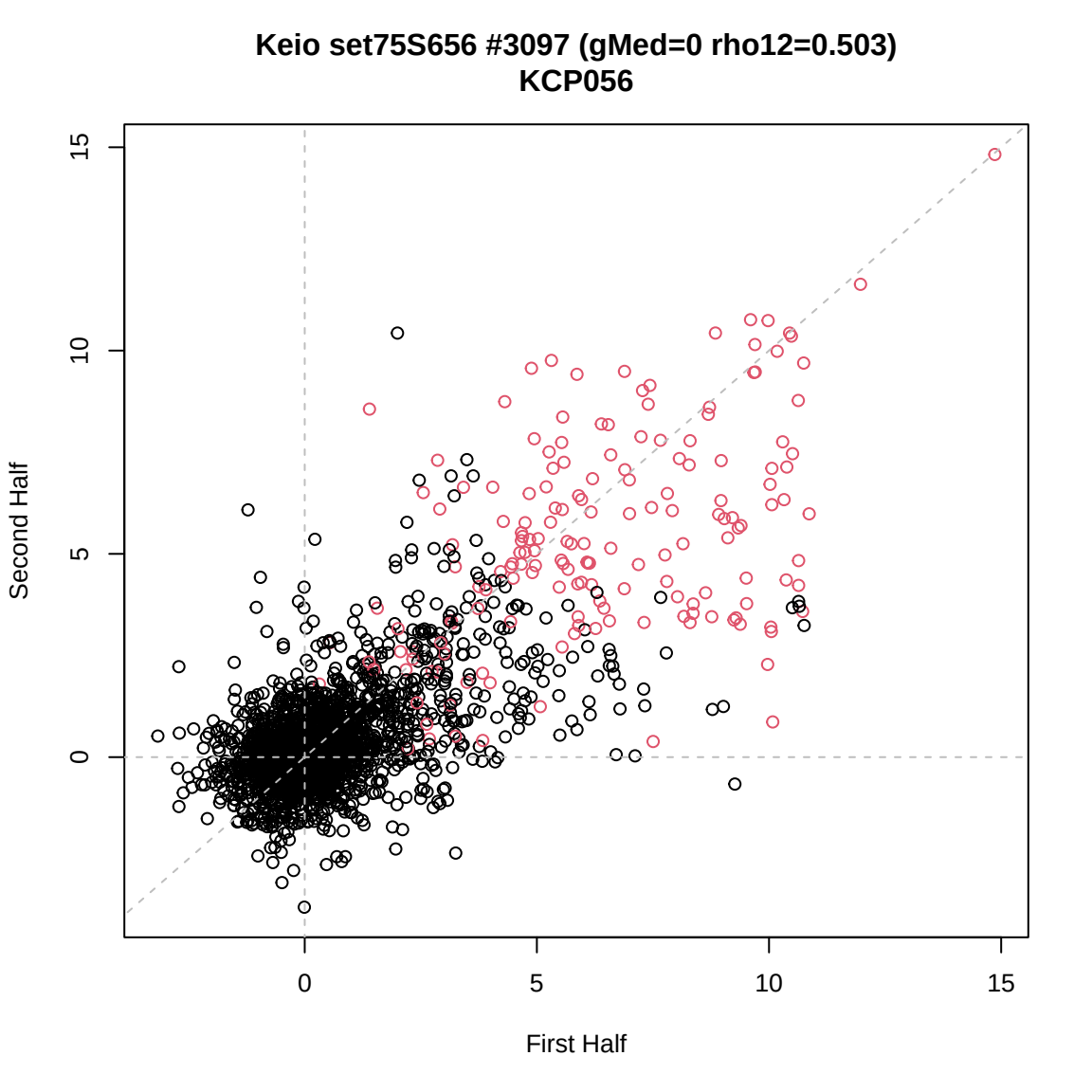

Keio set75S651 #3092 (gMed=1 rho12=0.451)
NpV
Second Half
First Half
0
5
10
15
0
5
10
15

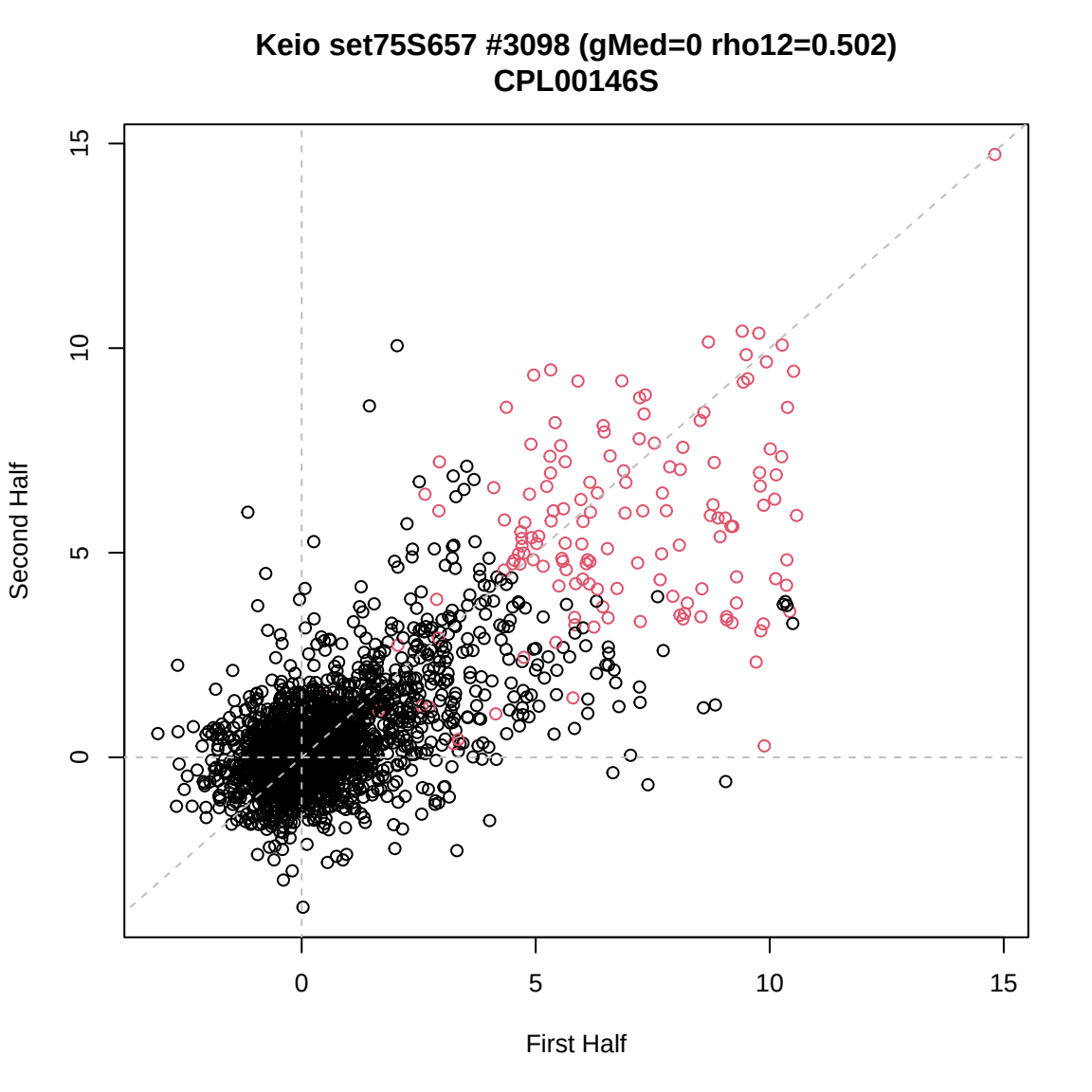

Keio set75S652 #3093 (gMed=1 rho12=0.465)
NpV
Second Half
First Half
0
5
10
15

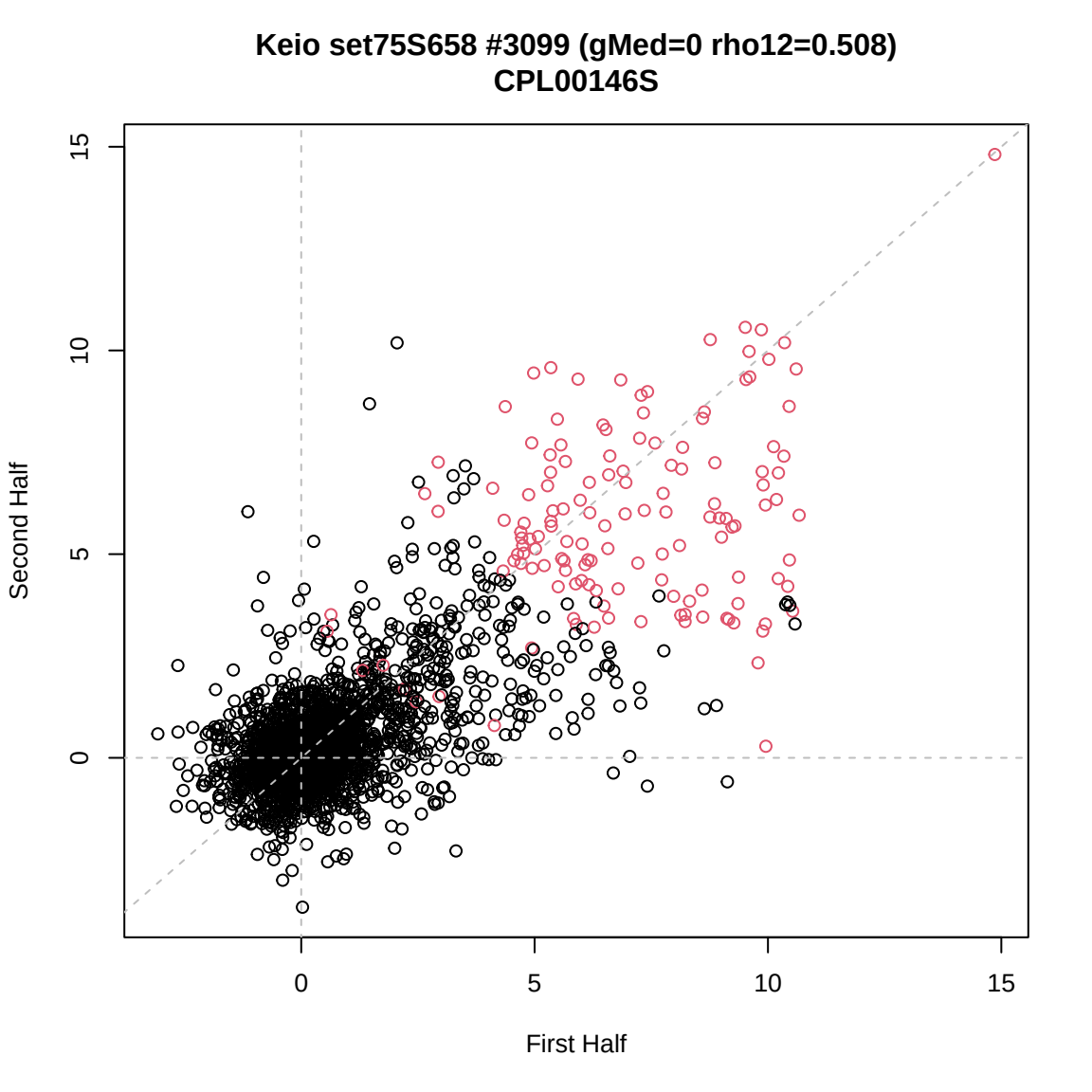

Keio set75S653 #3094 (gMed=214 rho12=0.083)
Control_KEIO
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3

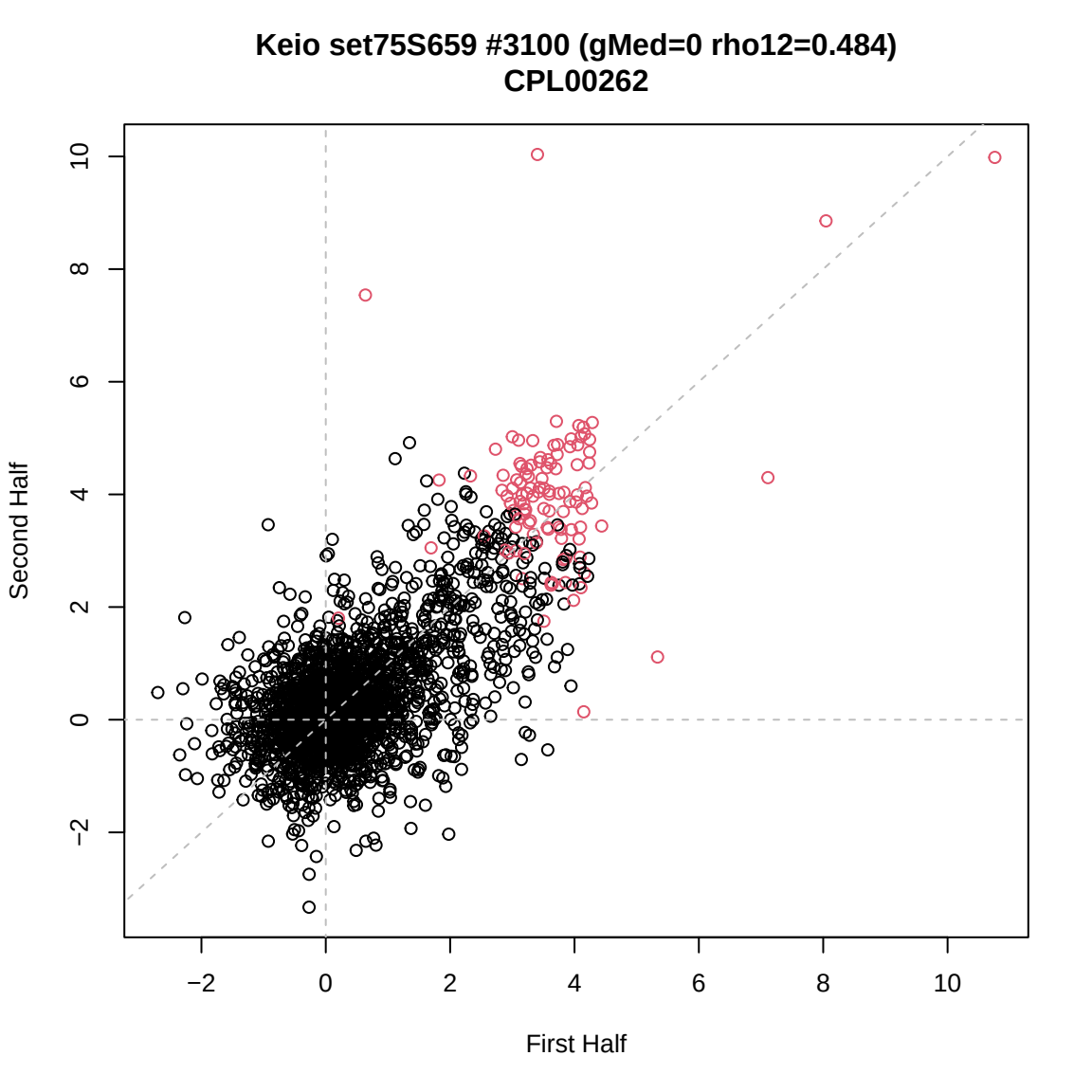

Keio set75S654 #3095 (gMed=9 rho12=0.486)
Control_KEIO
Second Half
First Half
0
5
10
15

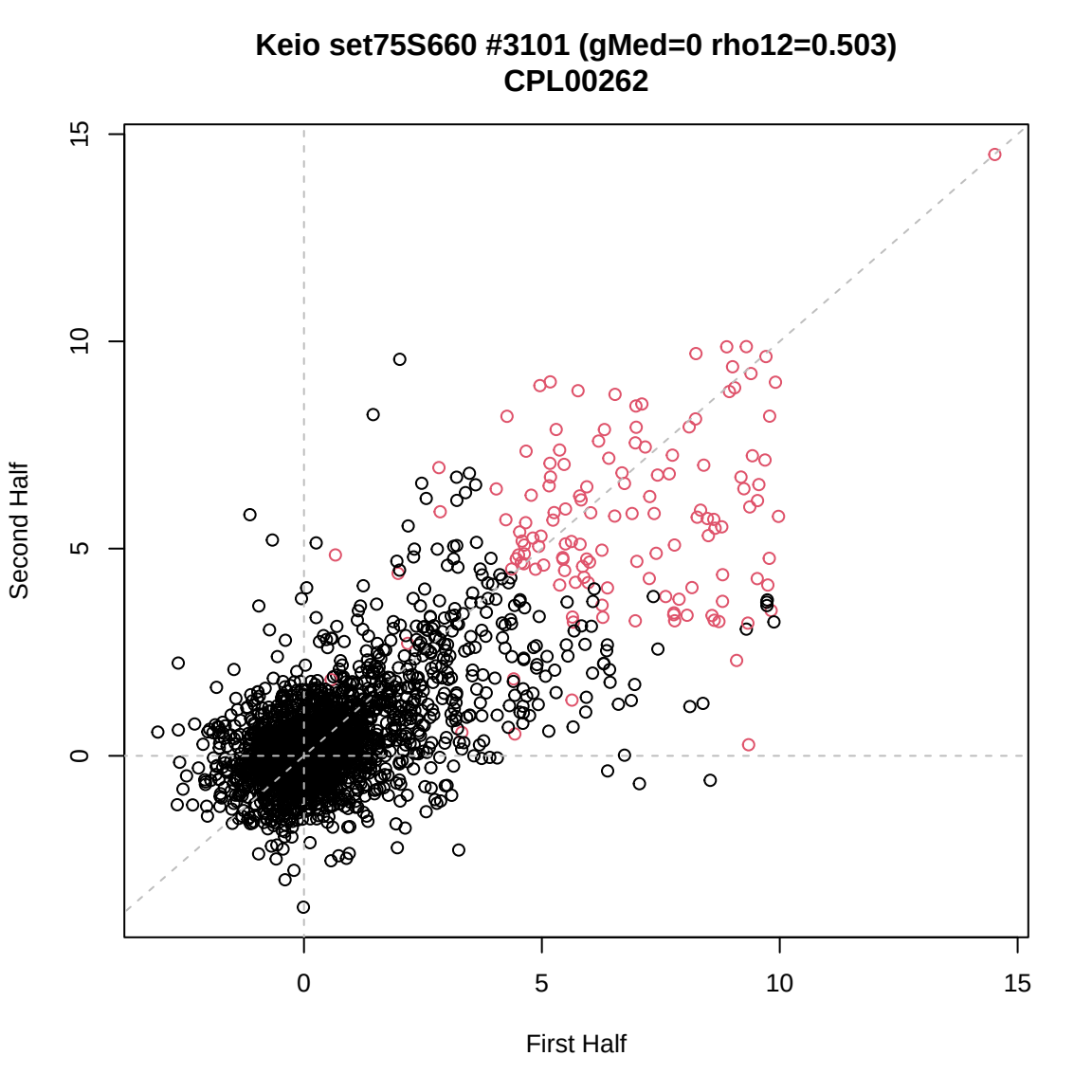

Keio set75S655 #3096 (gMed=0 rho12=0.485)
KCP056
Second Half
First Half
0
5
10
0
5
10

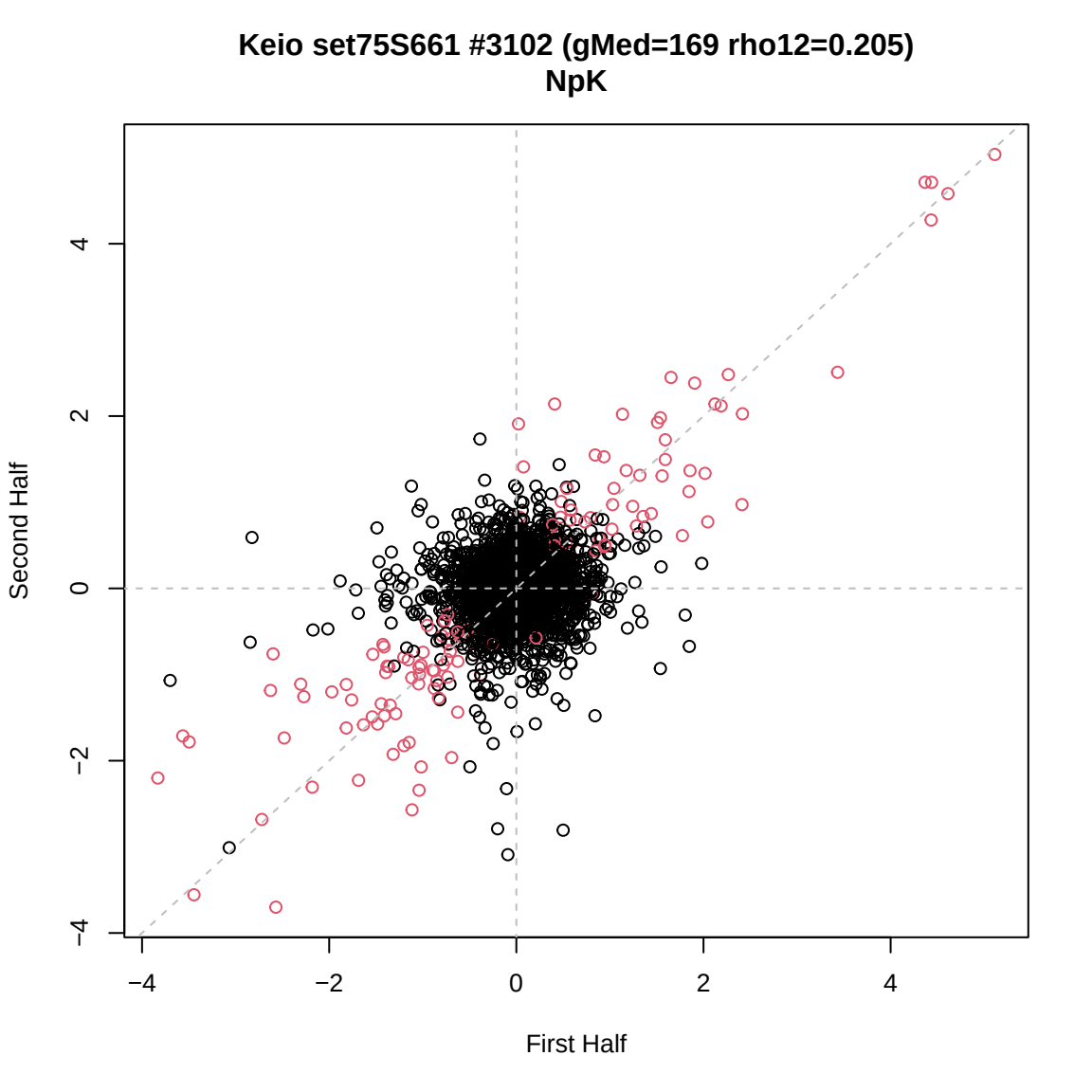

Keio set75S656 #3097 (gMed=0 rho12=0.503)
KCP056
Second Half
First Half
0
5
10
15

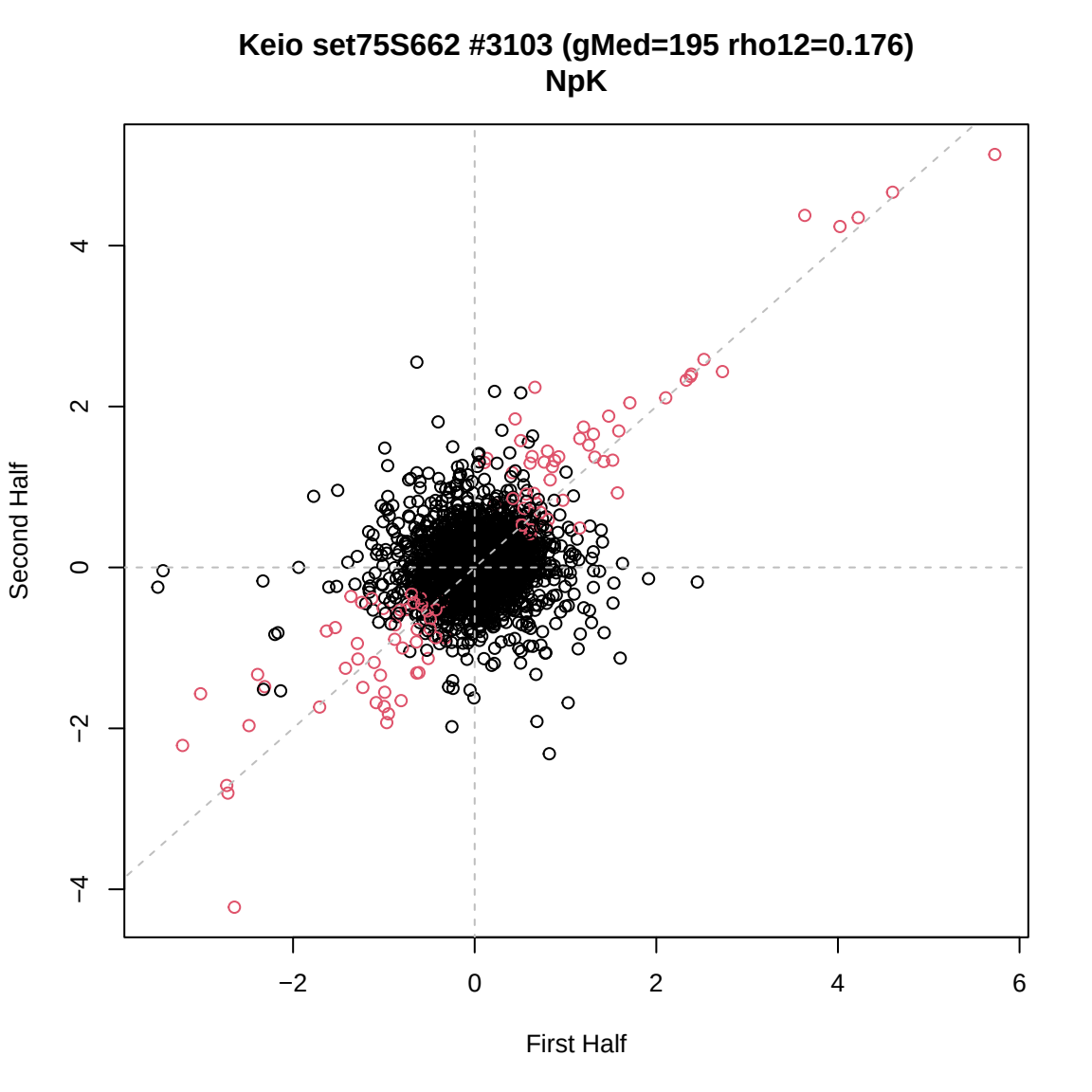

Keio set75S657 #3098 (gMed=0 rho12=0.502)
CPL00146S
Second Half
First Half
0
5
10
15

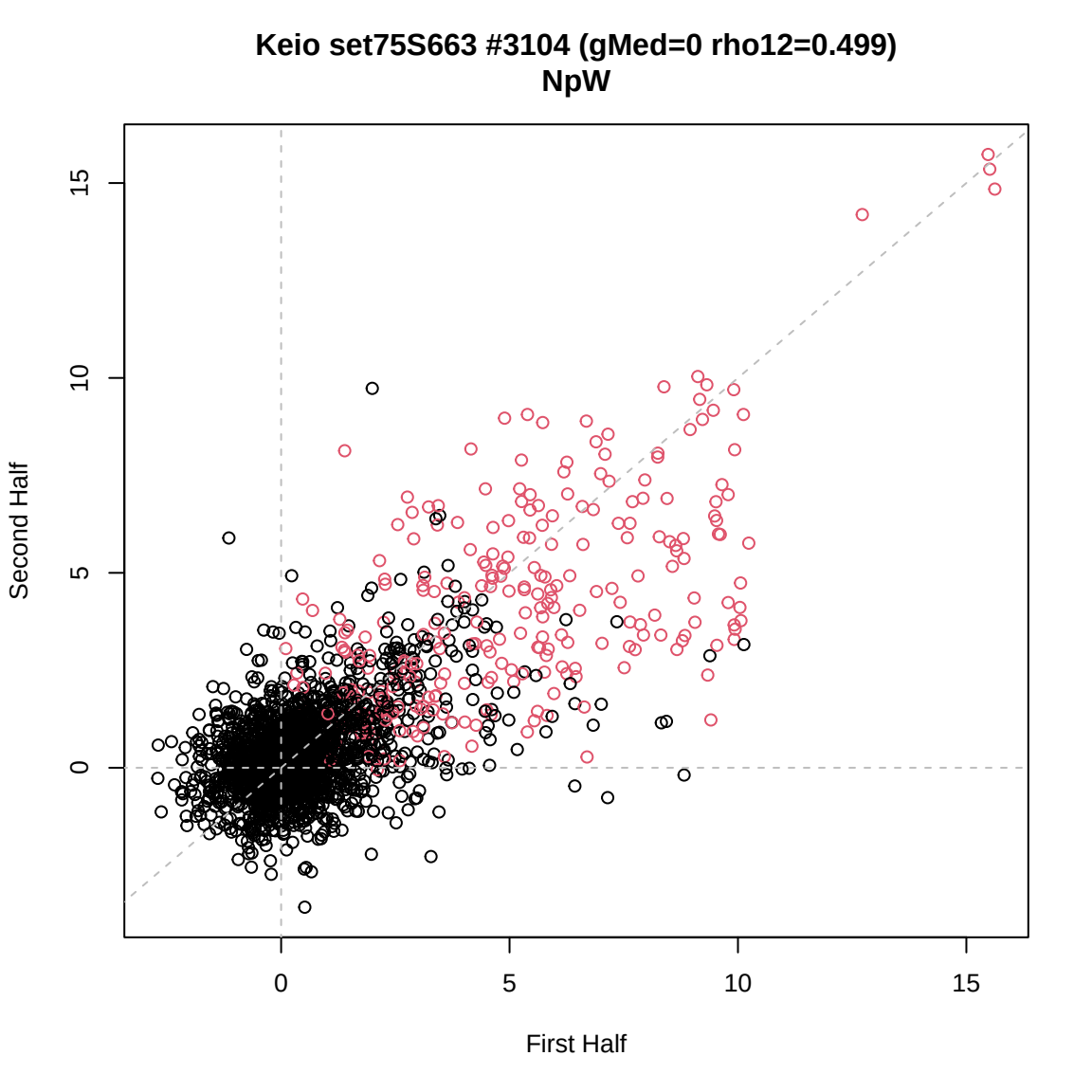

Keio set75S658 #3099 (gMed=0 rho12=0.508)
CPL00146S
Second Half
First Half
0
5
10
15

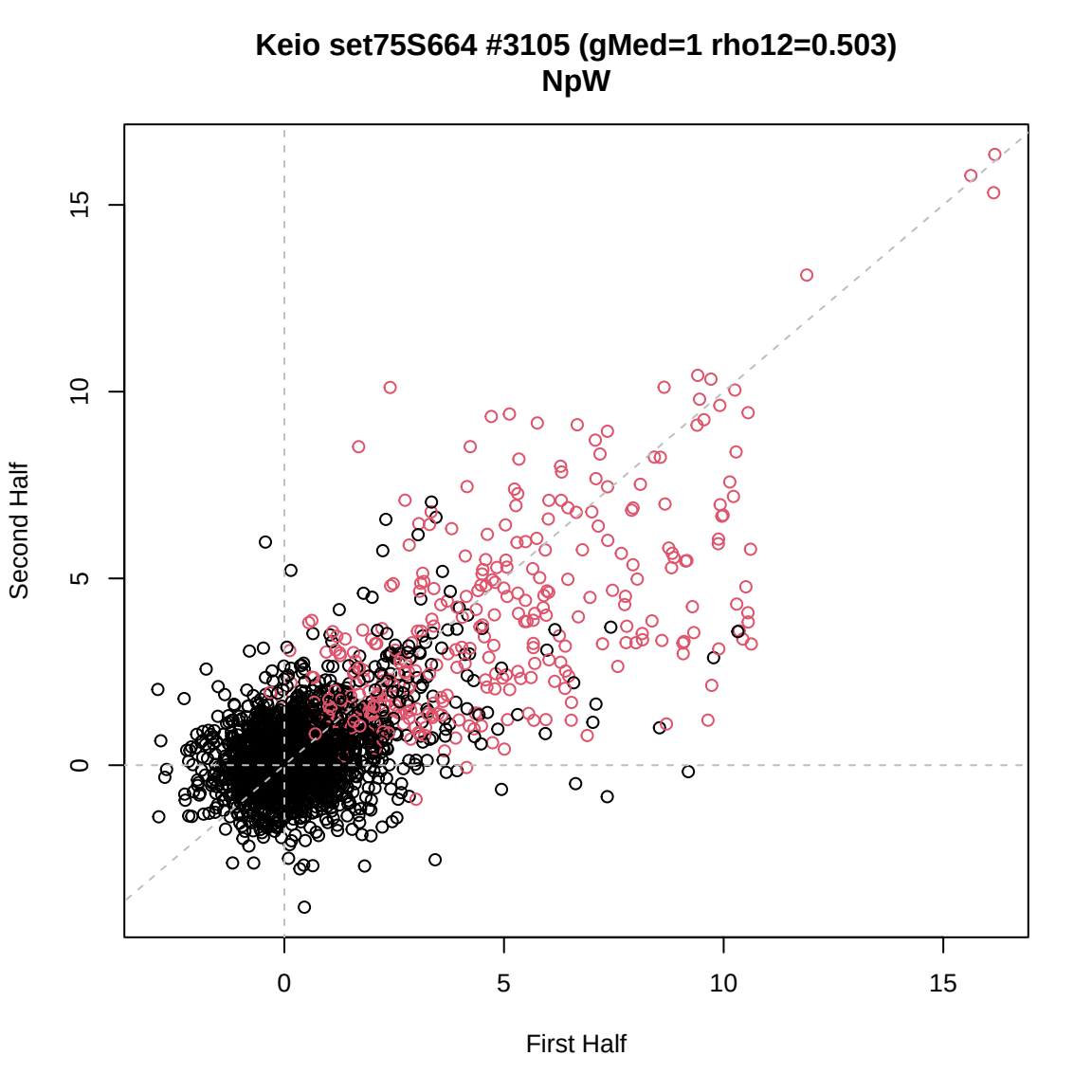

Keio set75S659 #3100 (gMed=0 rho12=0.484)
CPL00262
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

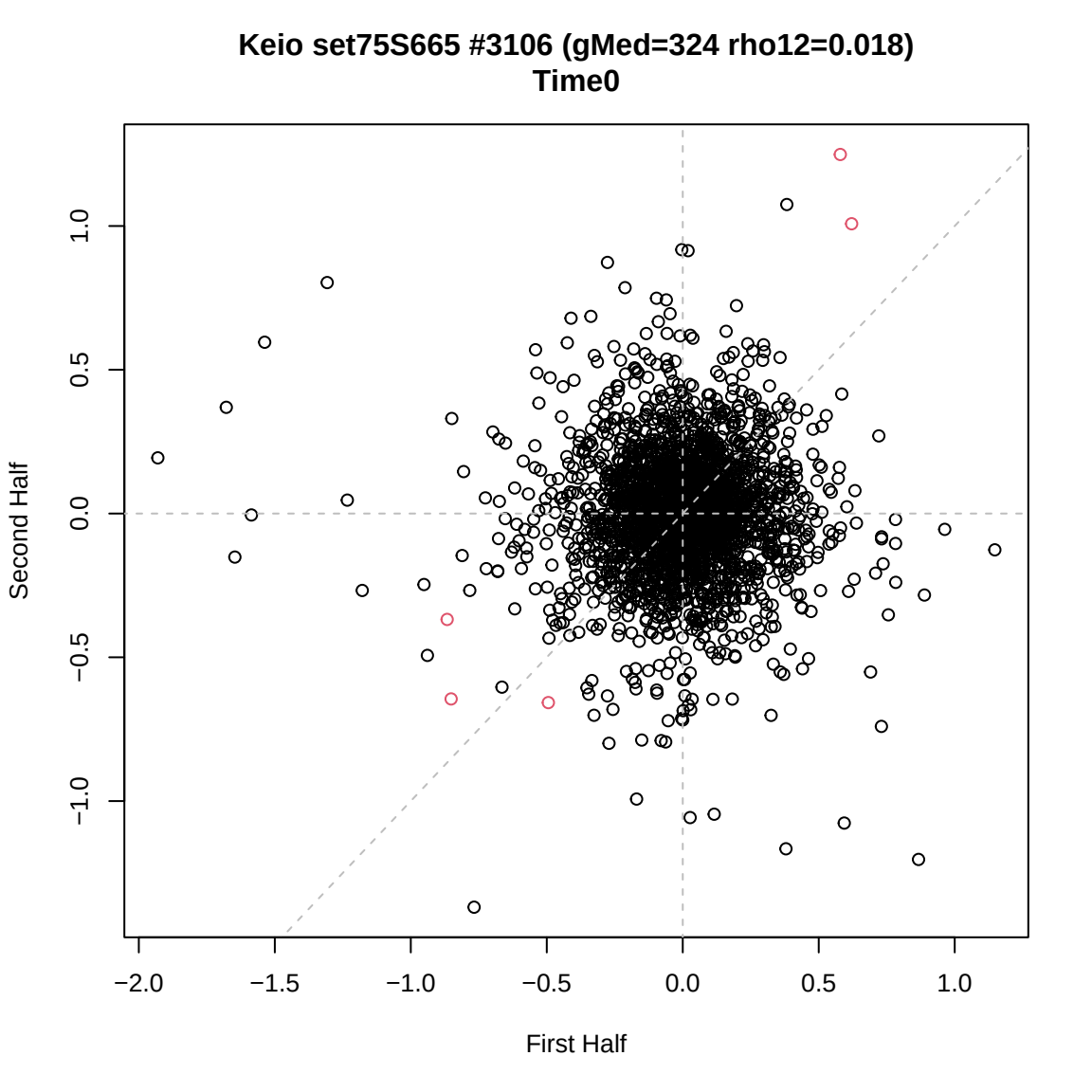

Keio set75S660 #3101 (gMed=0 rho12=0.503)
CPL00262
Second Half
First Half
0
5
10
15

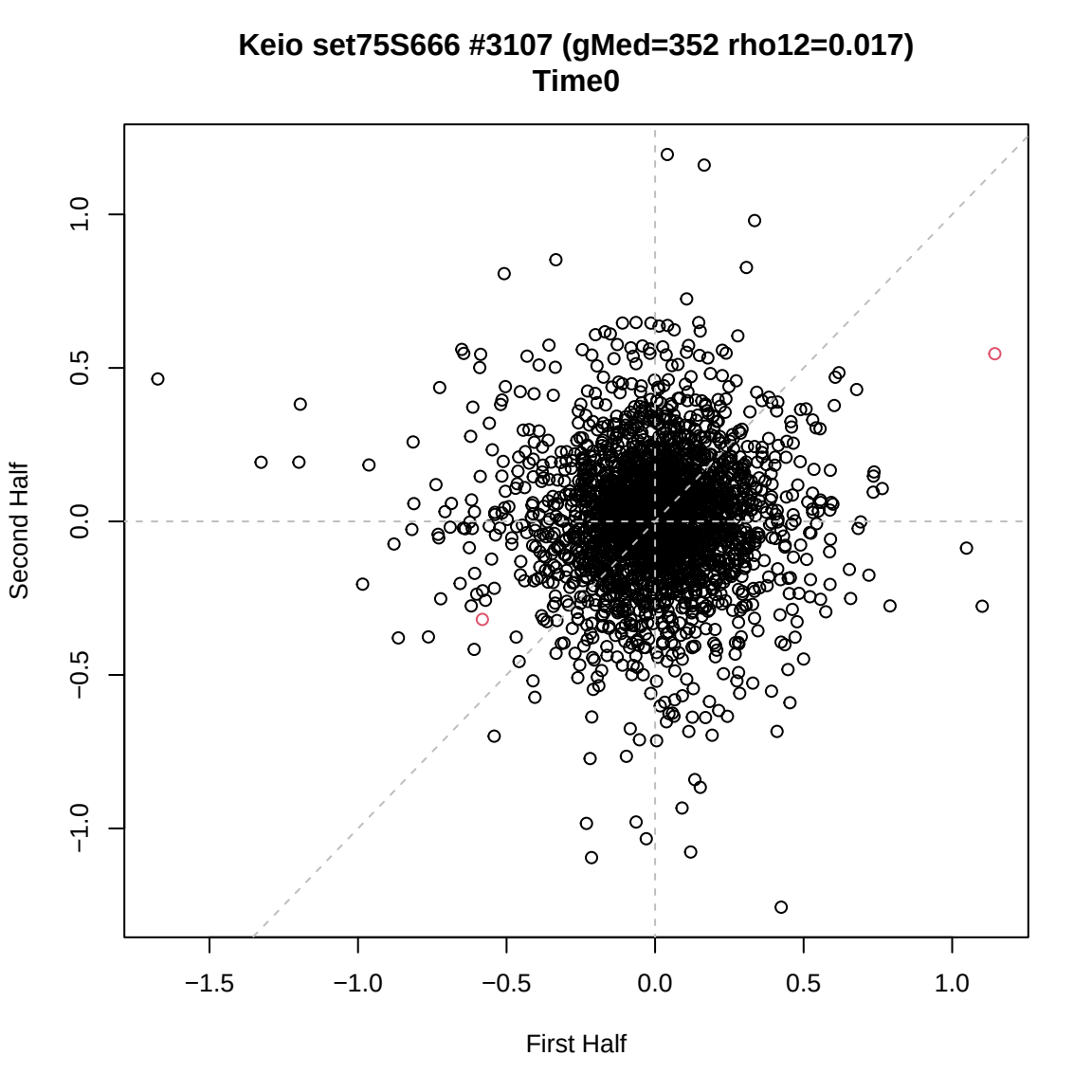

Keio set75S661 #3102 (gMed=169 rho12=0.205)
NpK
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

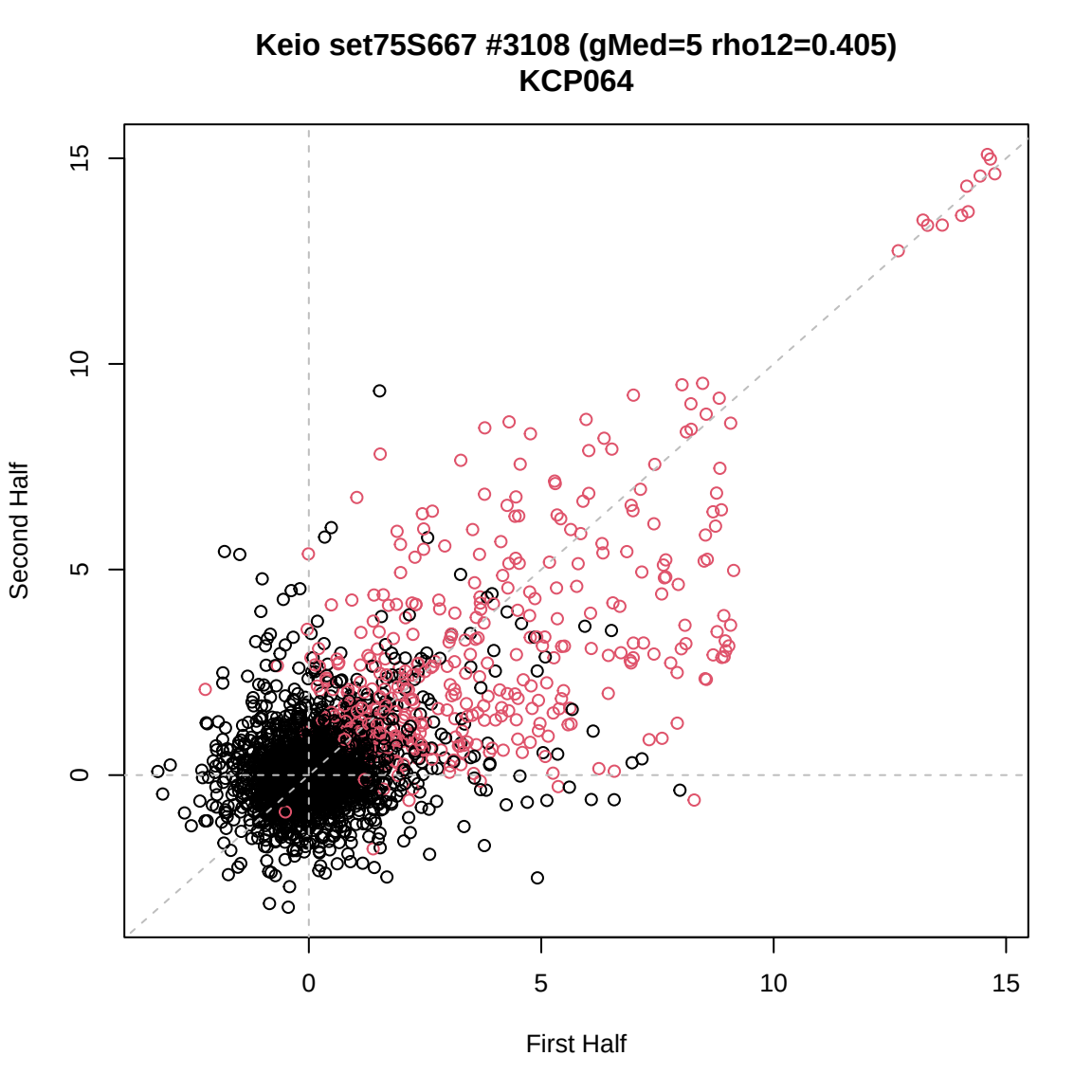

Keio set75S662 #3103 (gMed=195 rho12=0.176)
NpK
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6

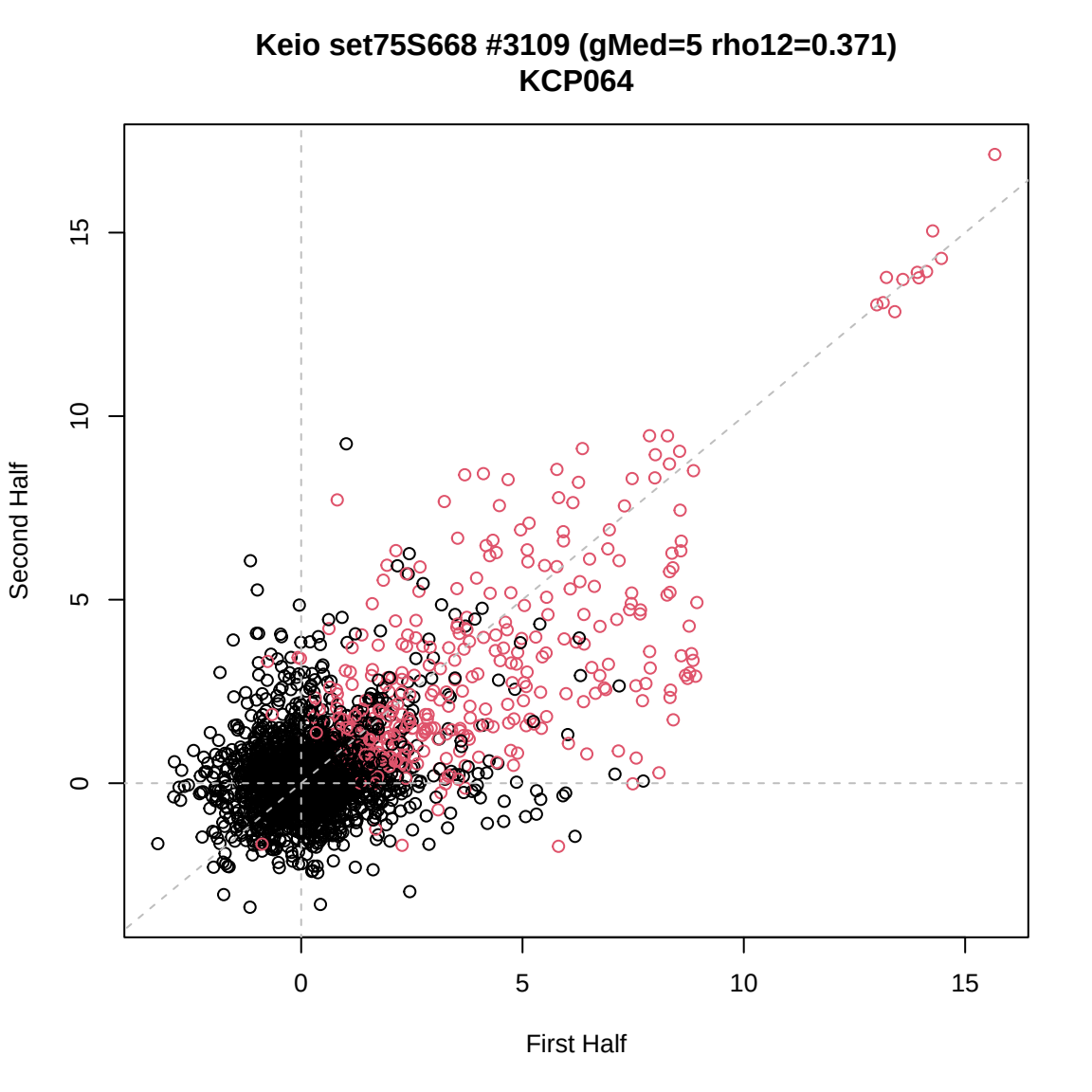

Keio set75S663 #3104 (gMed=0 rho12=0.499)
NpW
Second Half
First Half
0
5
10
15

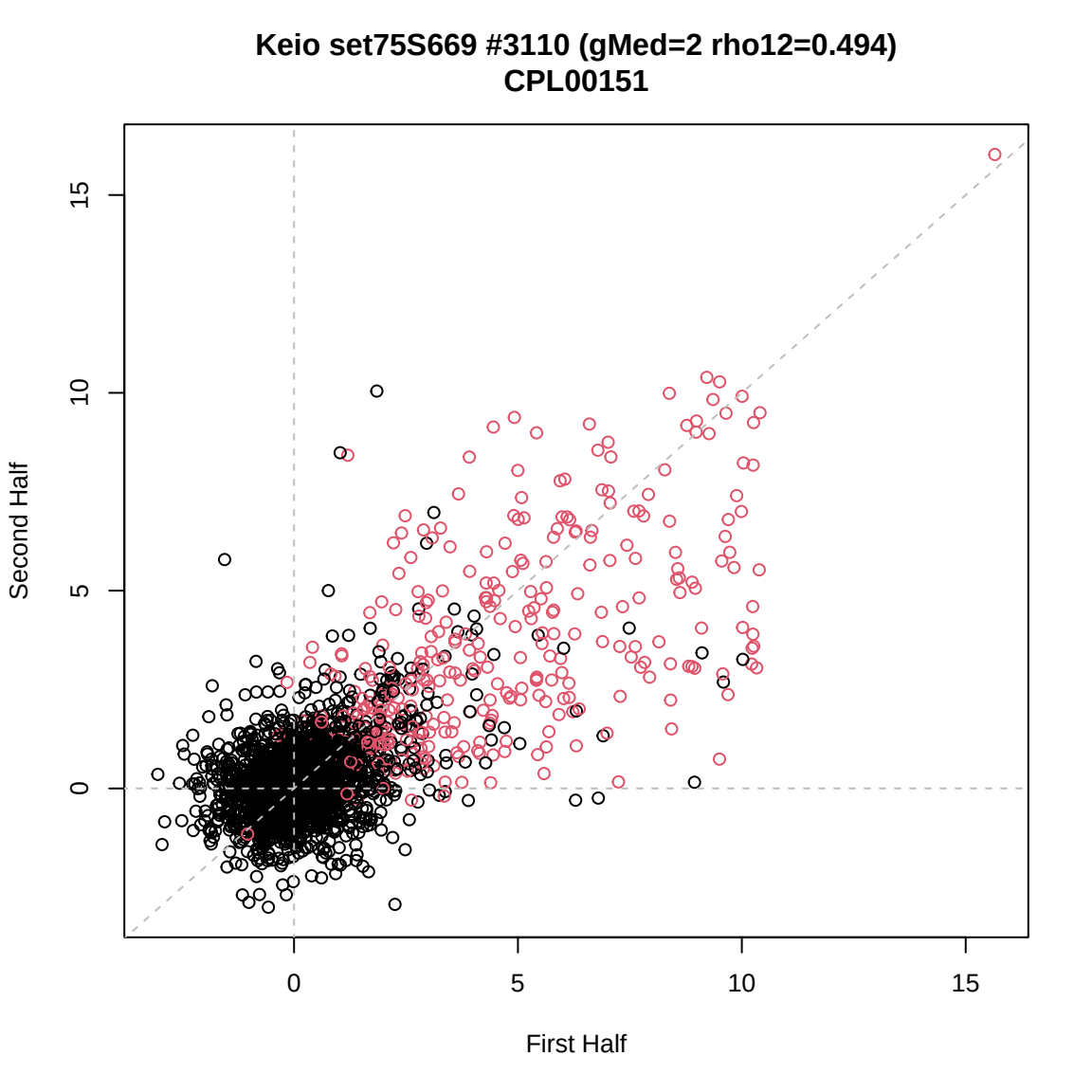

Keio set75S664 #3105 (gMed=1 rho12=0.503)
NpW
Second Half
First Half
0
5
10
15
0
5
10
15

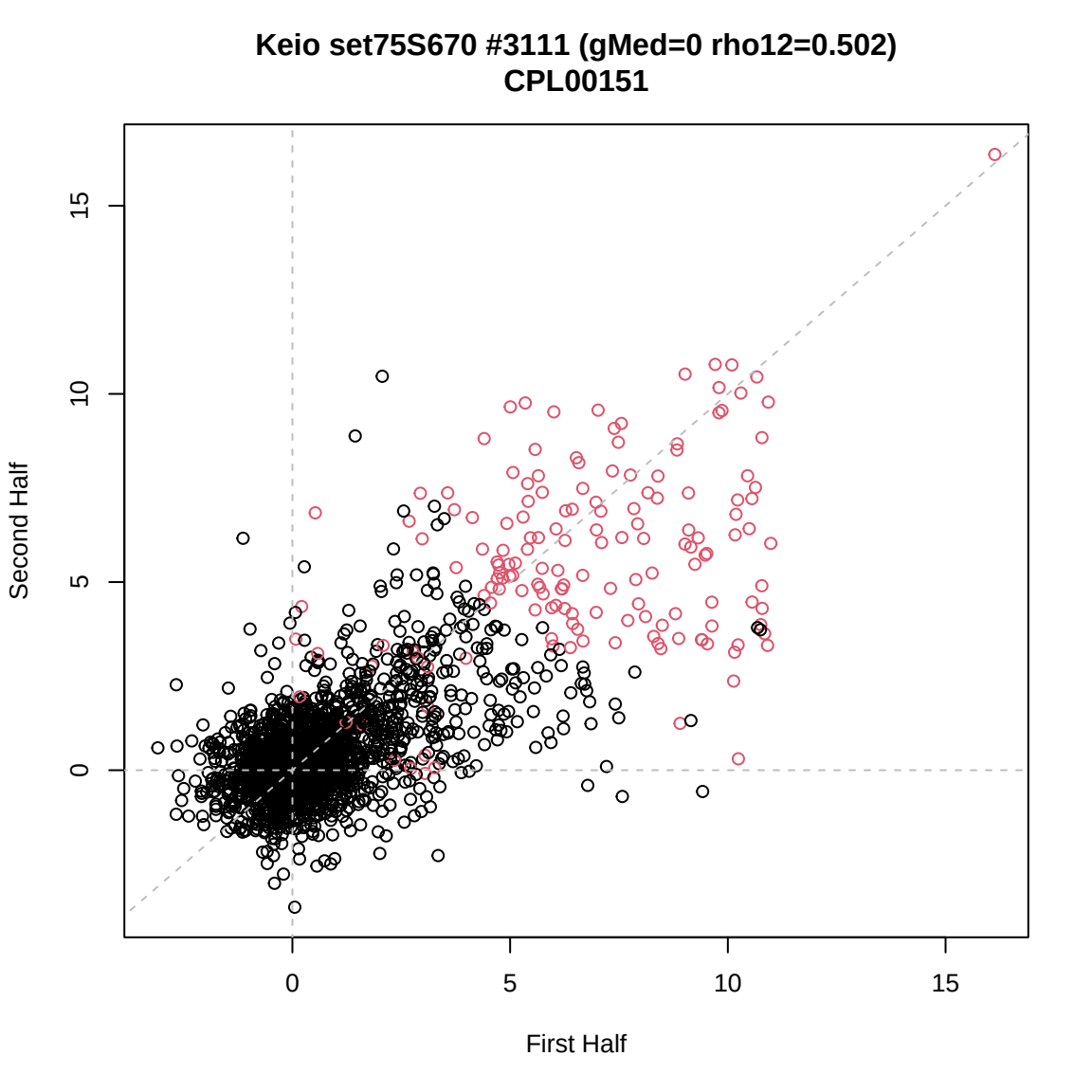

Keio set75S665 #3106 (gMed=324 rho12=0.018)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

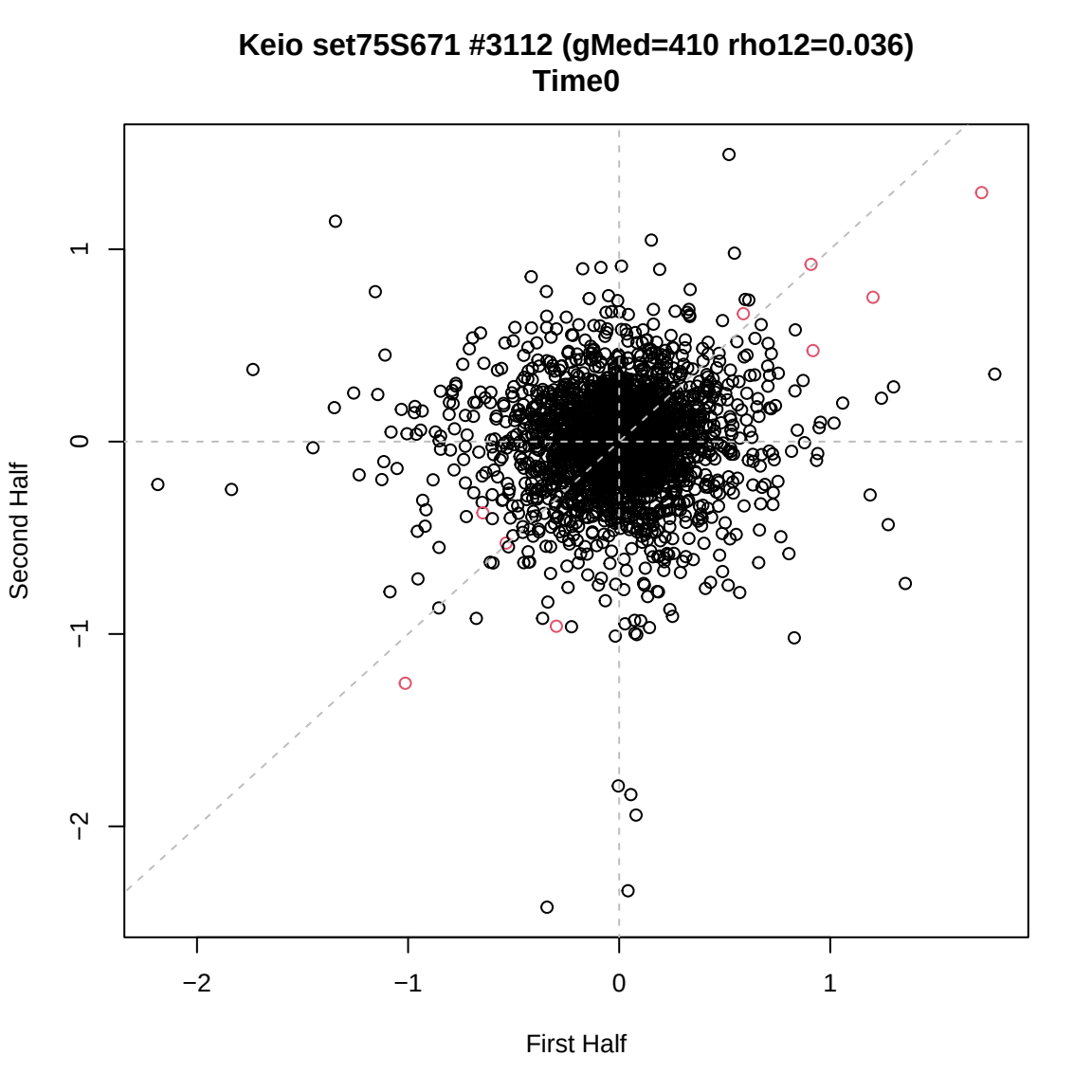

Keio set75S666 #3107 (gMed=352 rho12=0.017)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

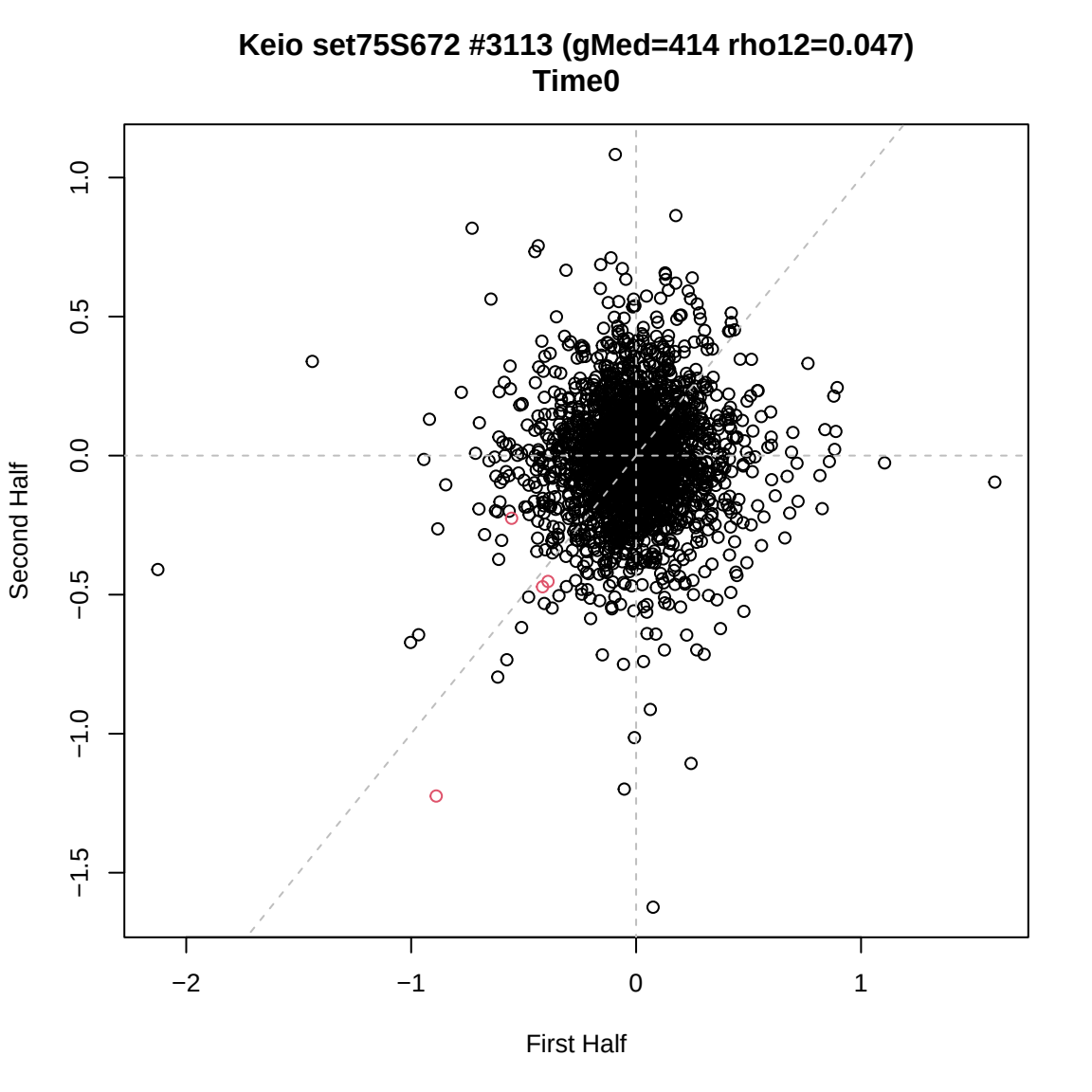

Keio set75S667 #3108 (gMed=5 rho12=0.405)
KCP064
Second Half
First Half
15
10
5
0
0
5
10
15

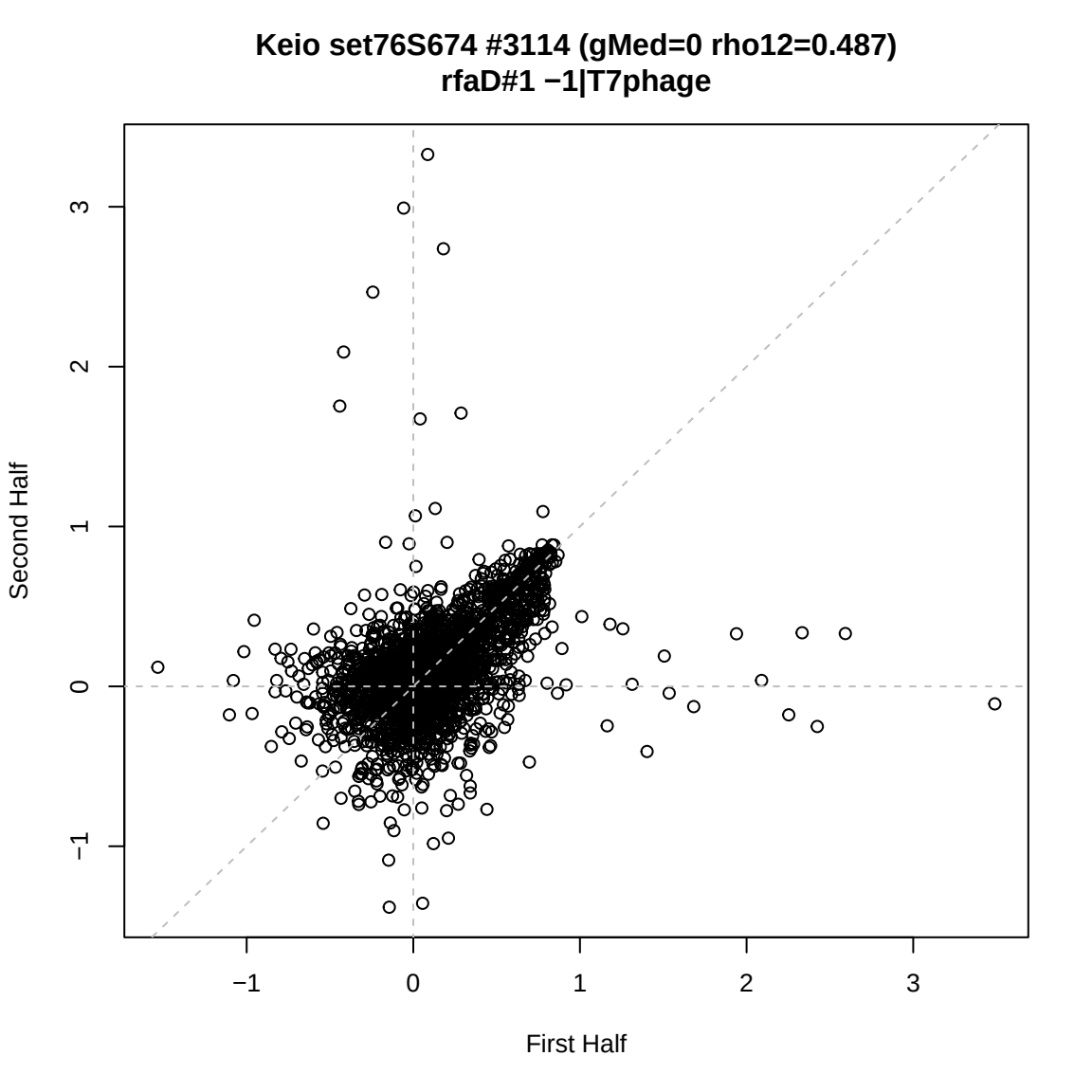

Keio set75S668 #3109 (gMed=5 rho12=0.371)
KCP064
Second Half
First Half
0
5
10
15
0
5
10
15

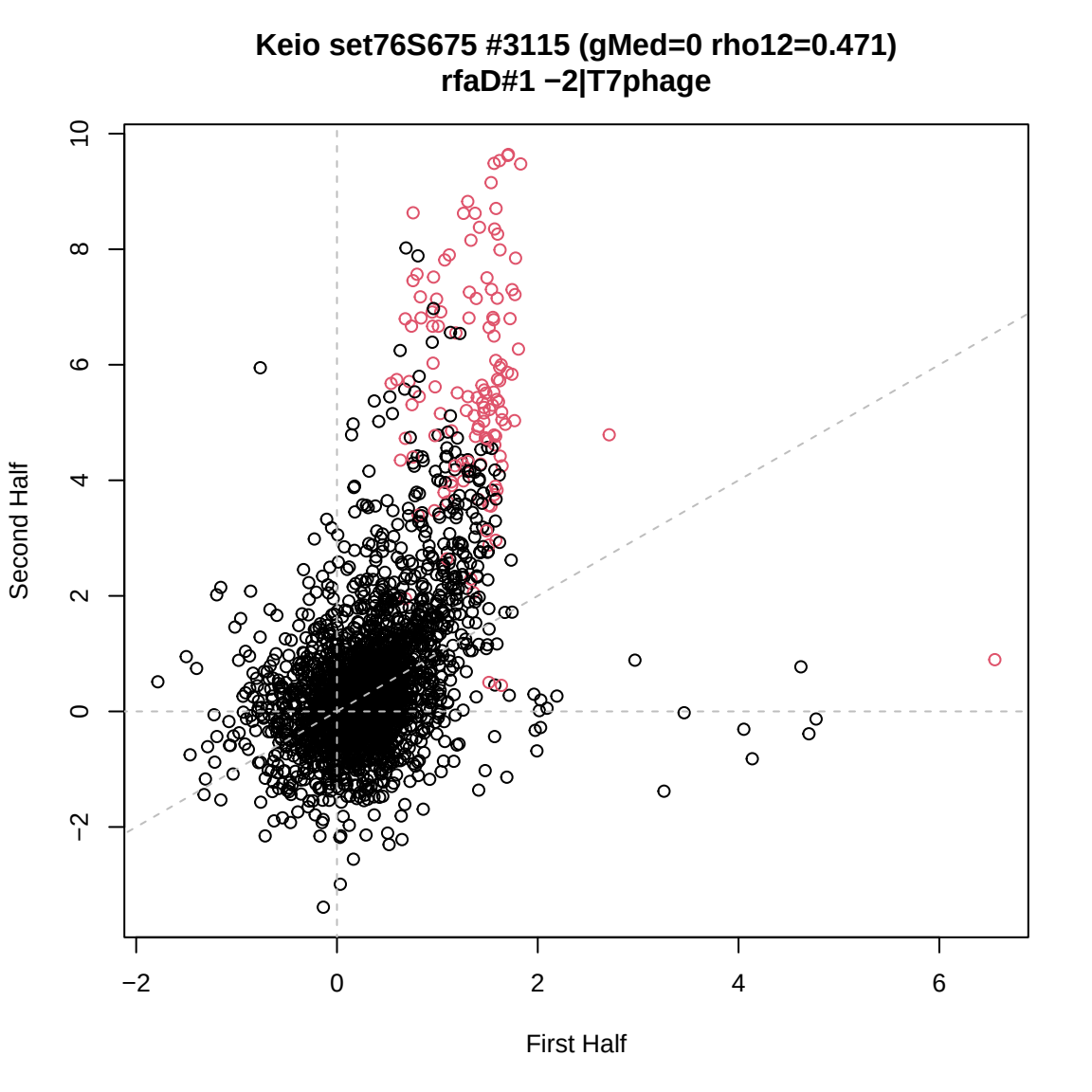

Keio set75S669 #3110 (gMed=2 rho12=0.494)
CPL00151
Second Half
First Half
0
5
10
15

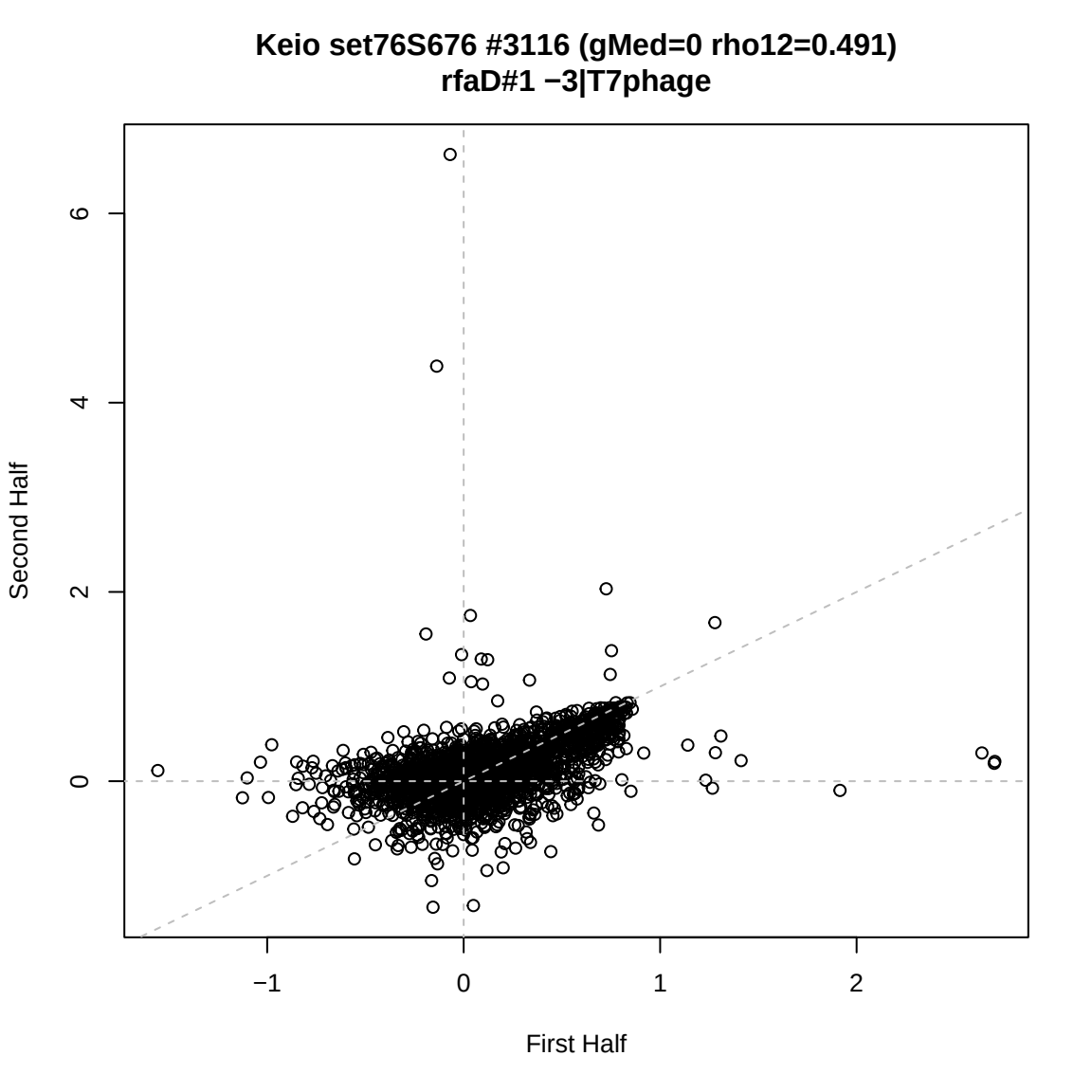

Keio set75S670 #3111 (gMed=0 rho12=0.502)
CPL00151
Second Half
First Half
0
5
10
15

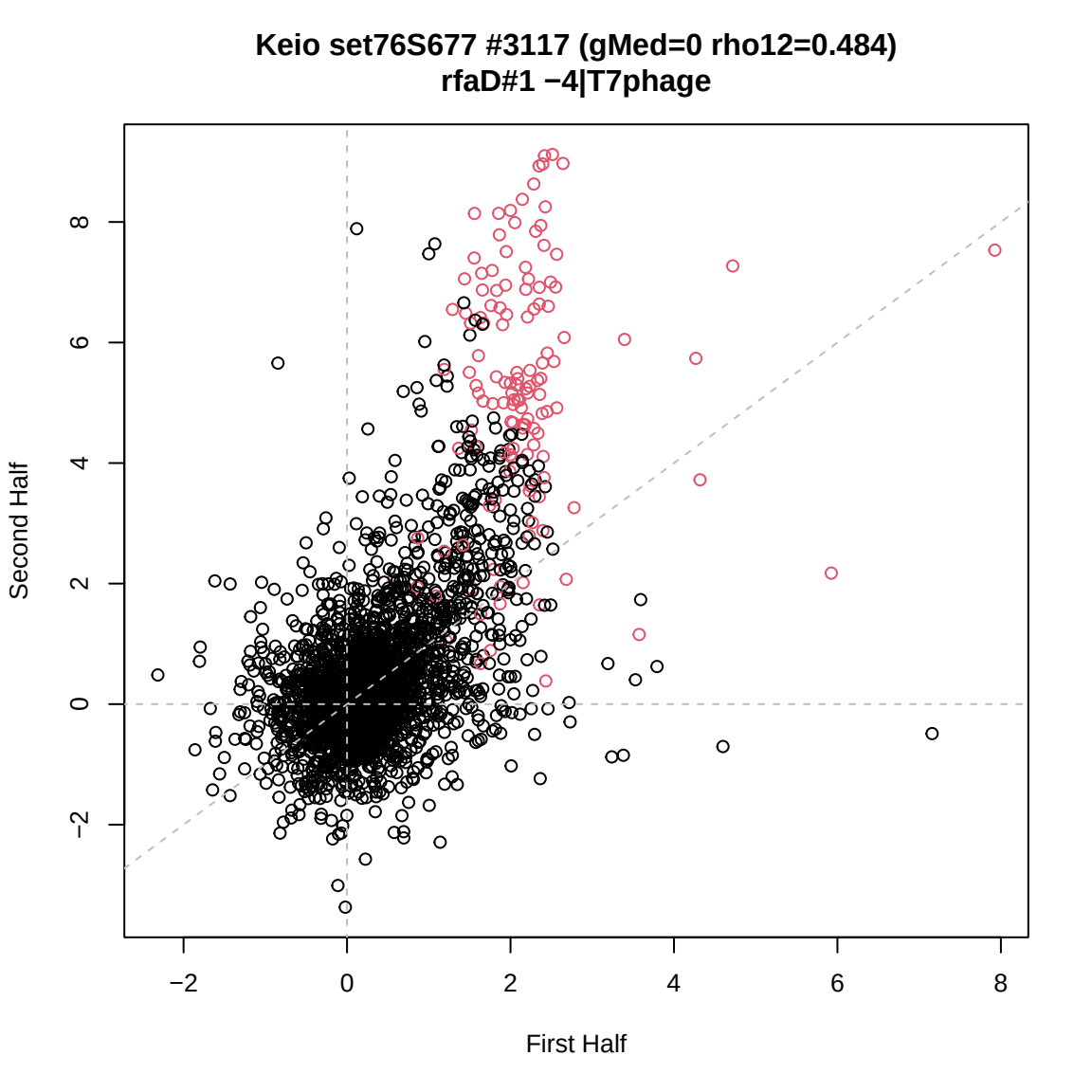

Keio set75S671 #3112 (gMed=410 rho12=0.036)
Time0
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

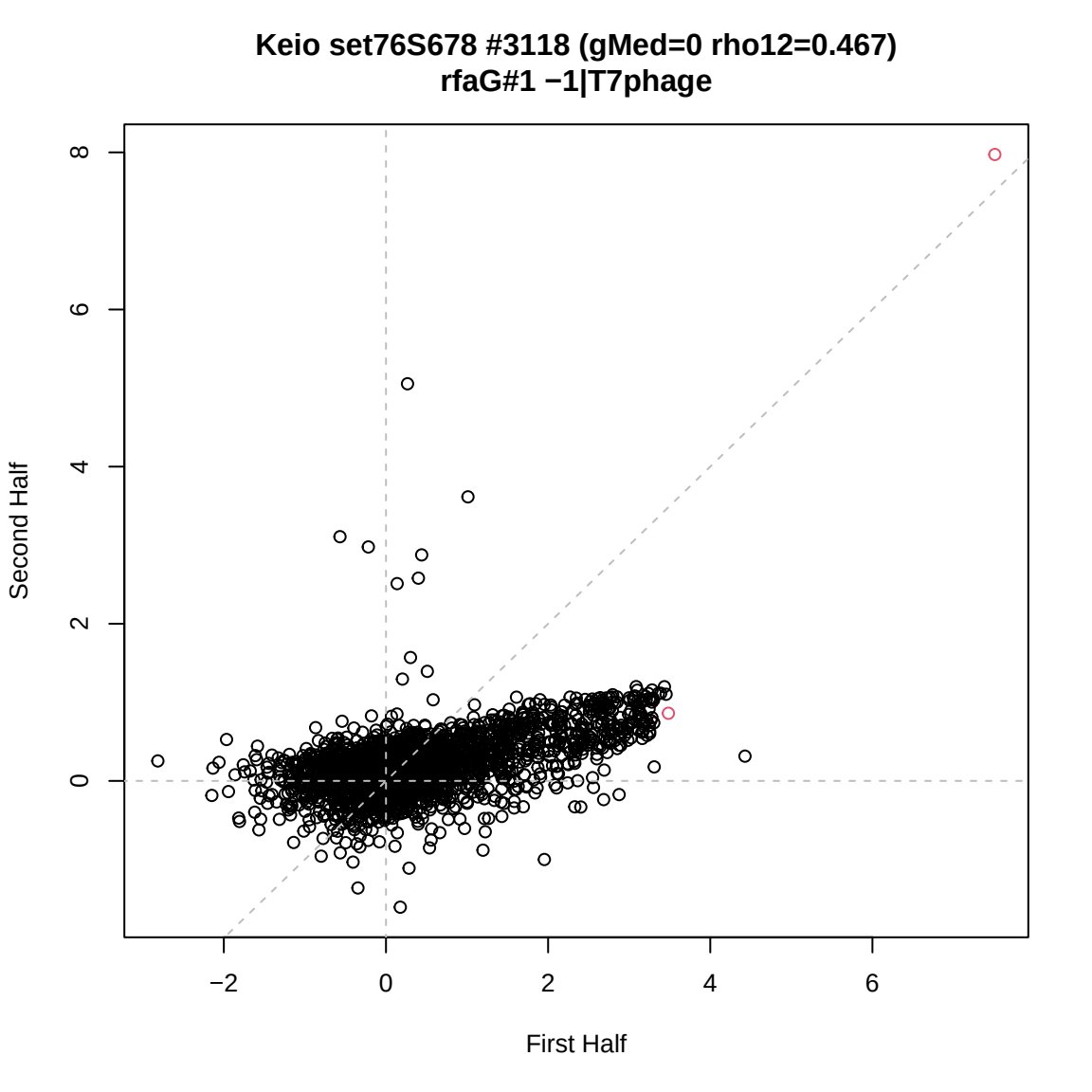

Keio set75S672 #3113 (gMed=414 rho12=0.047)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

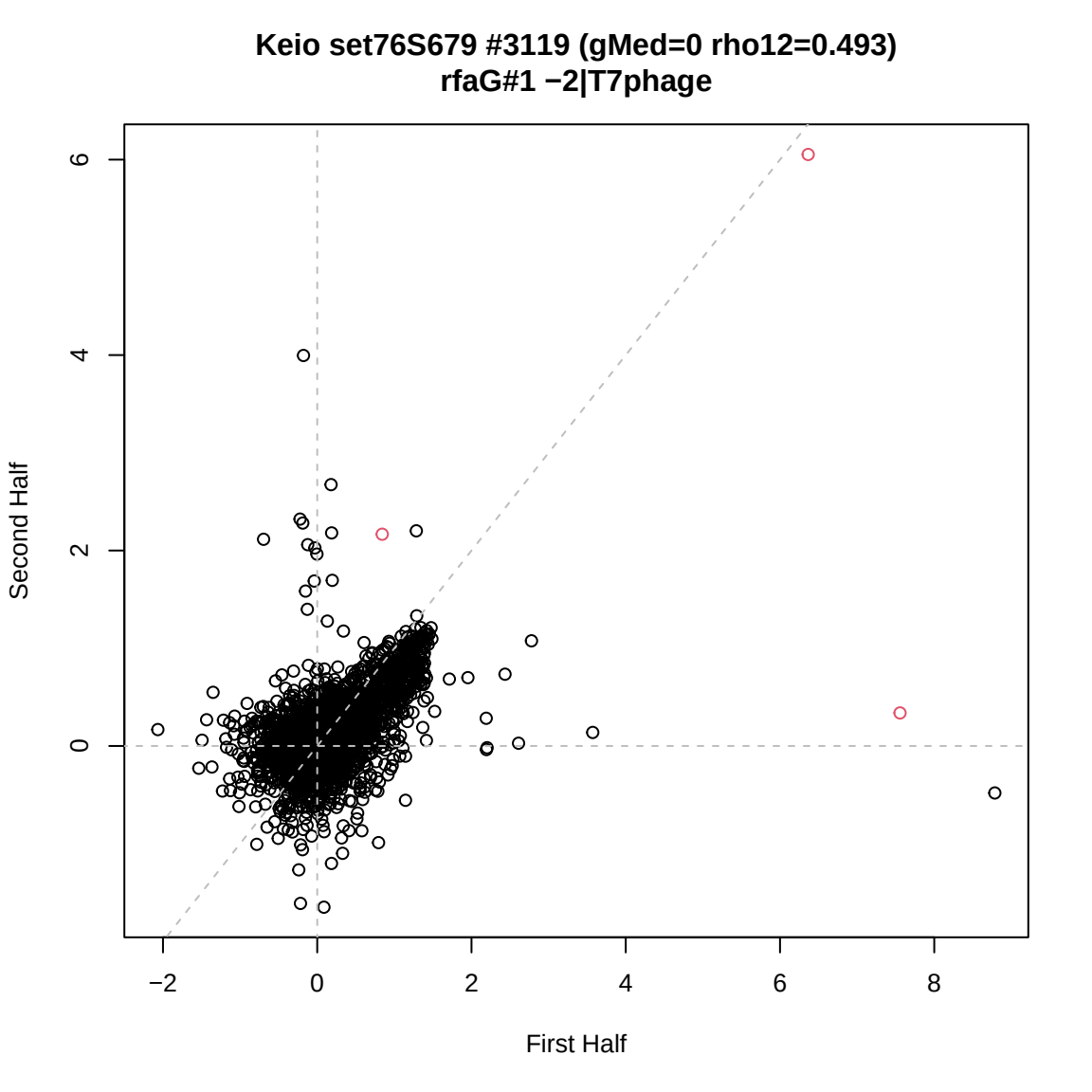

Keio set76S674 #3114 (gMed=0 rho12=0.487)
rfaD#1 −1|T7phage
Second Half
First Half
−1
0
1
2
3

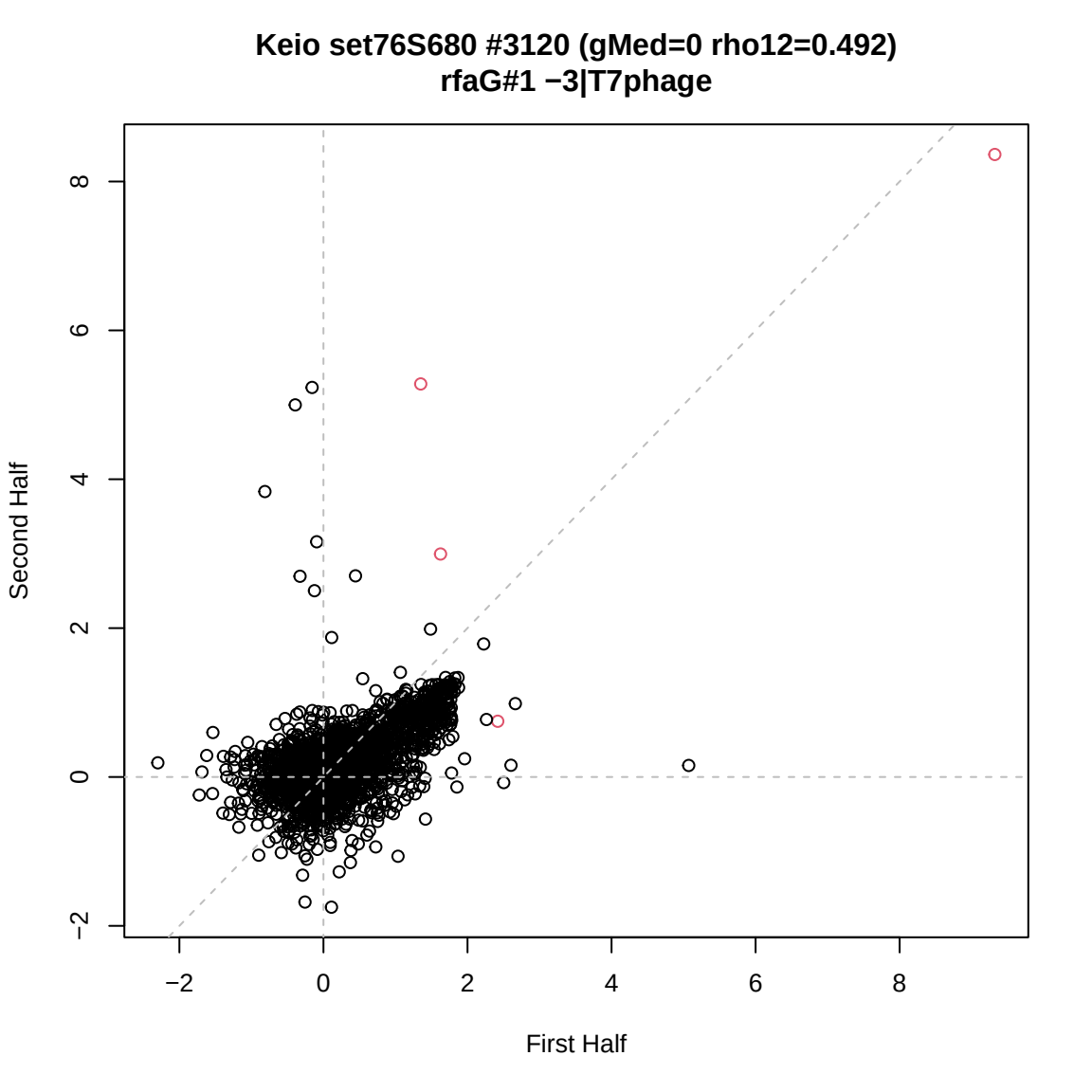

Keio set76S675 #3115 (gMed=0 rho12=0.471)
rfaD#1 −2|T7phage
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6

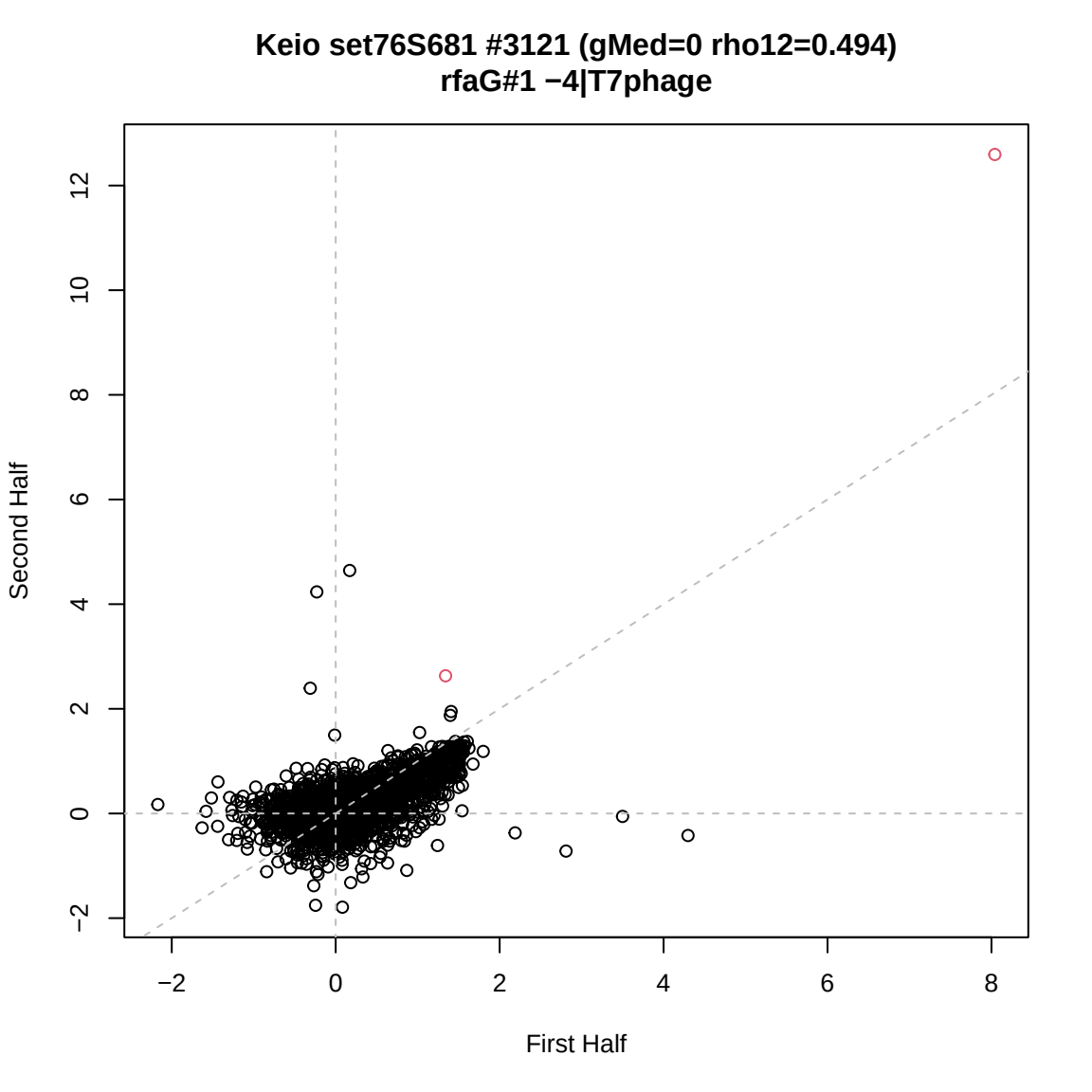

Keio set76S676 #3116 (gMed=0 rho12=0.491)
rfaD#1 −3|T7phage
Second Half
First Half
6
4
2
0
−1
0
1
2

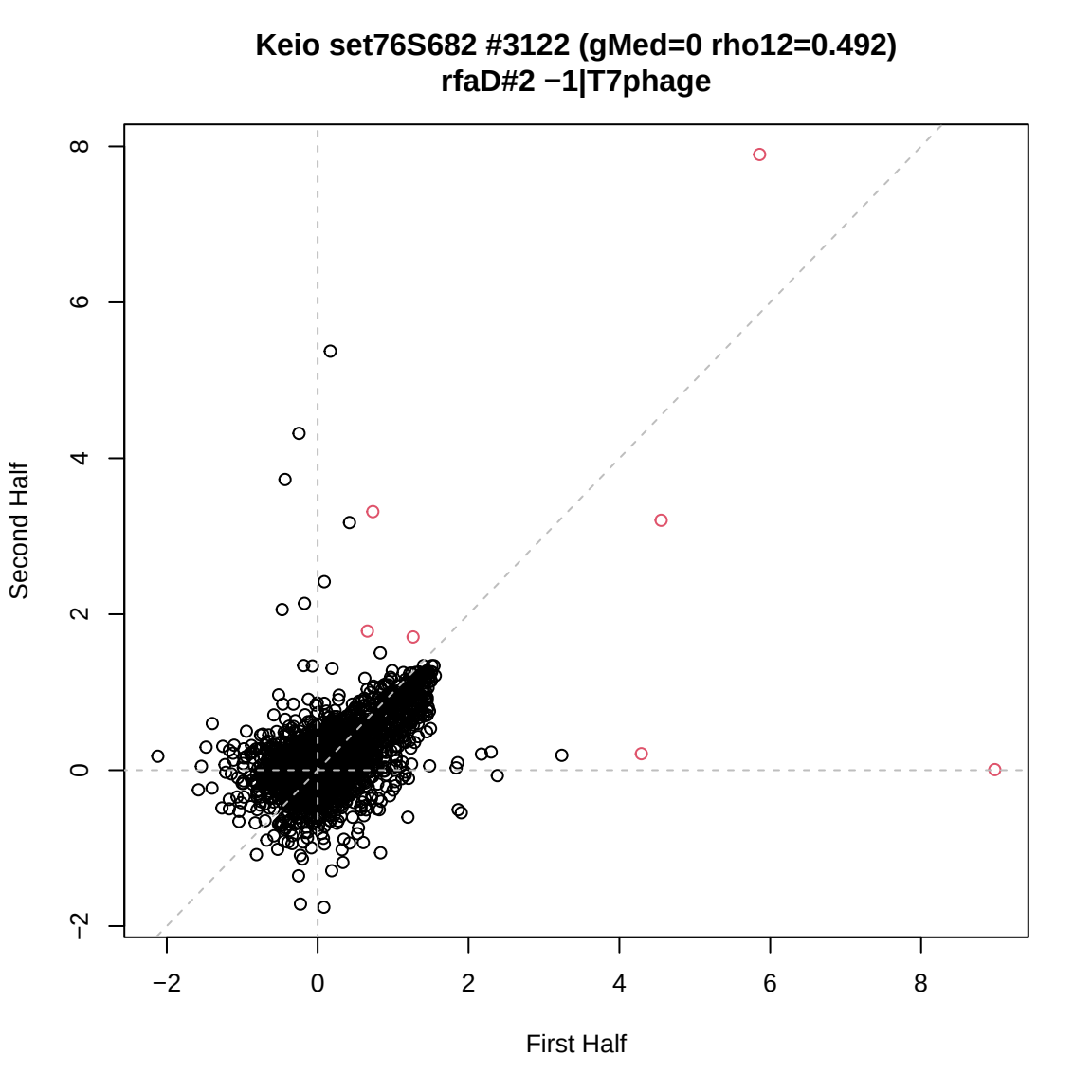

Keio set76S677 #3117 (gMed=0 rho12=0.484)
rfaD#1 −4|T7phage
Second Half
First Half
−2
0
2
4
6
8

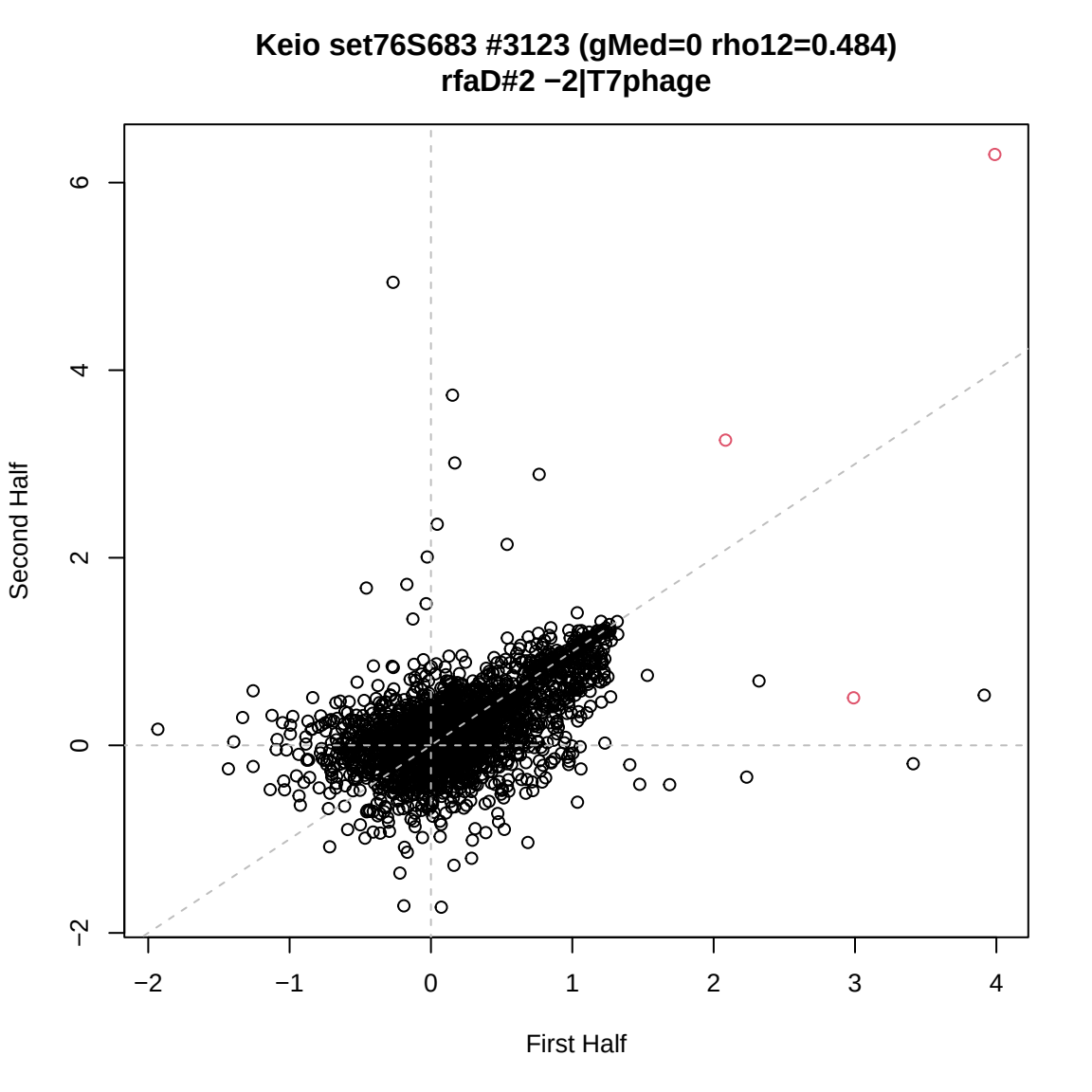

Keio set76S678 #3118 (gMed=0 rho12=0.467)
rfaG#1 −1|T7phage
Second Half
First Half
8
6
4
2
0
−2
0
2
4
6

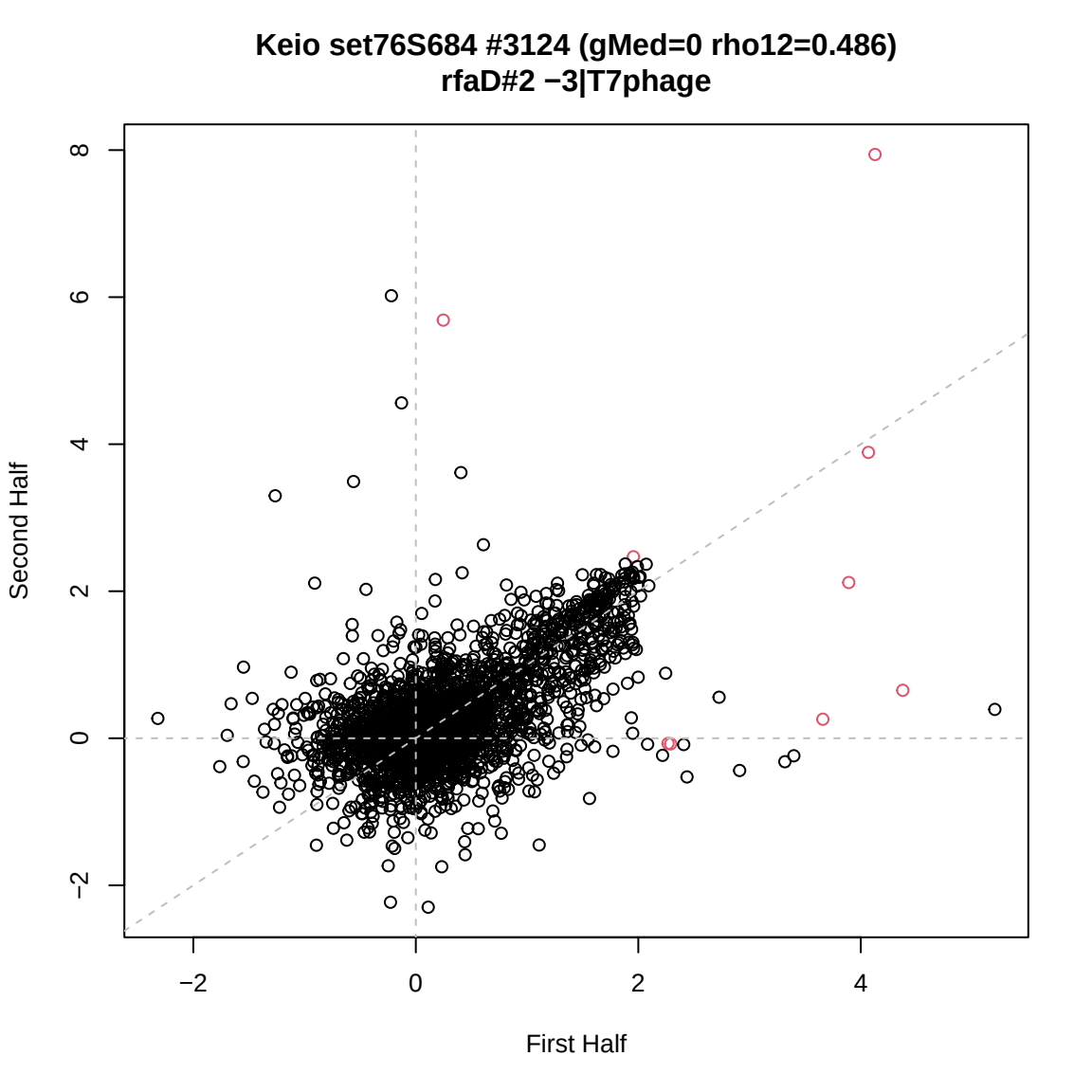

Keio set76S679 #3119 (gMed=0 rho12=0.493)
rfaG#1 −2|T7phage
Second Half
First Half
6
4
2
0
−2
0
2
4
6
8

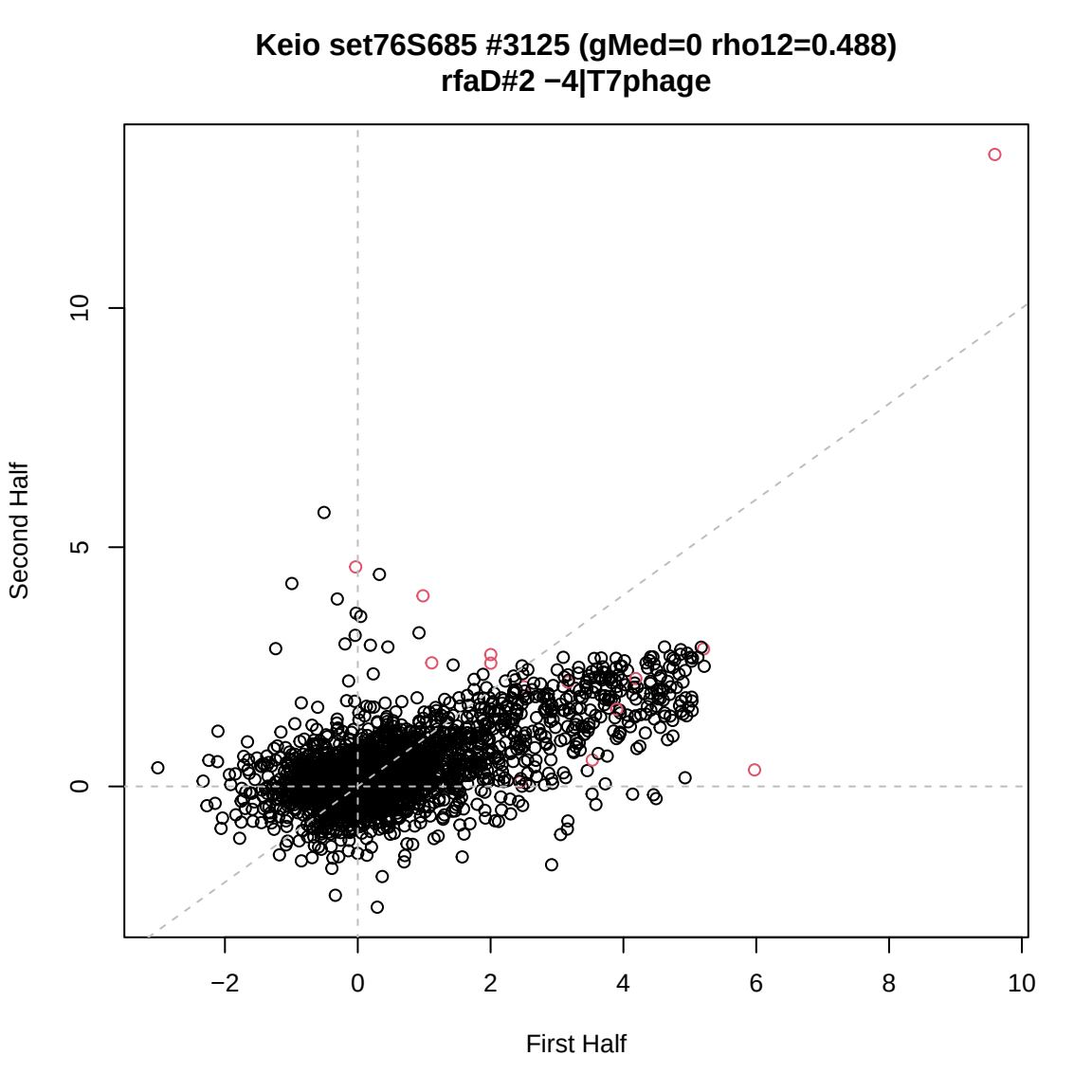

Keio set76S680 #3120 (gMed=0 rho12=0.492)
rfaG#1 −3|T7phage
Second Half
First Half
−2
0
2
4
6
8

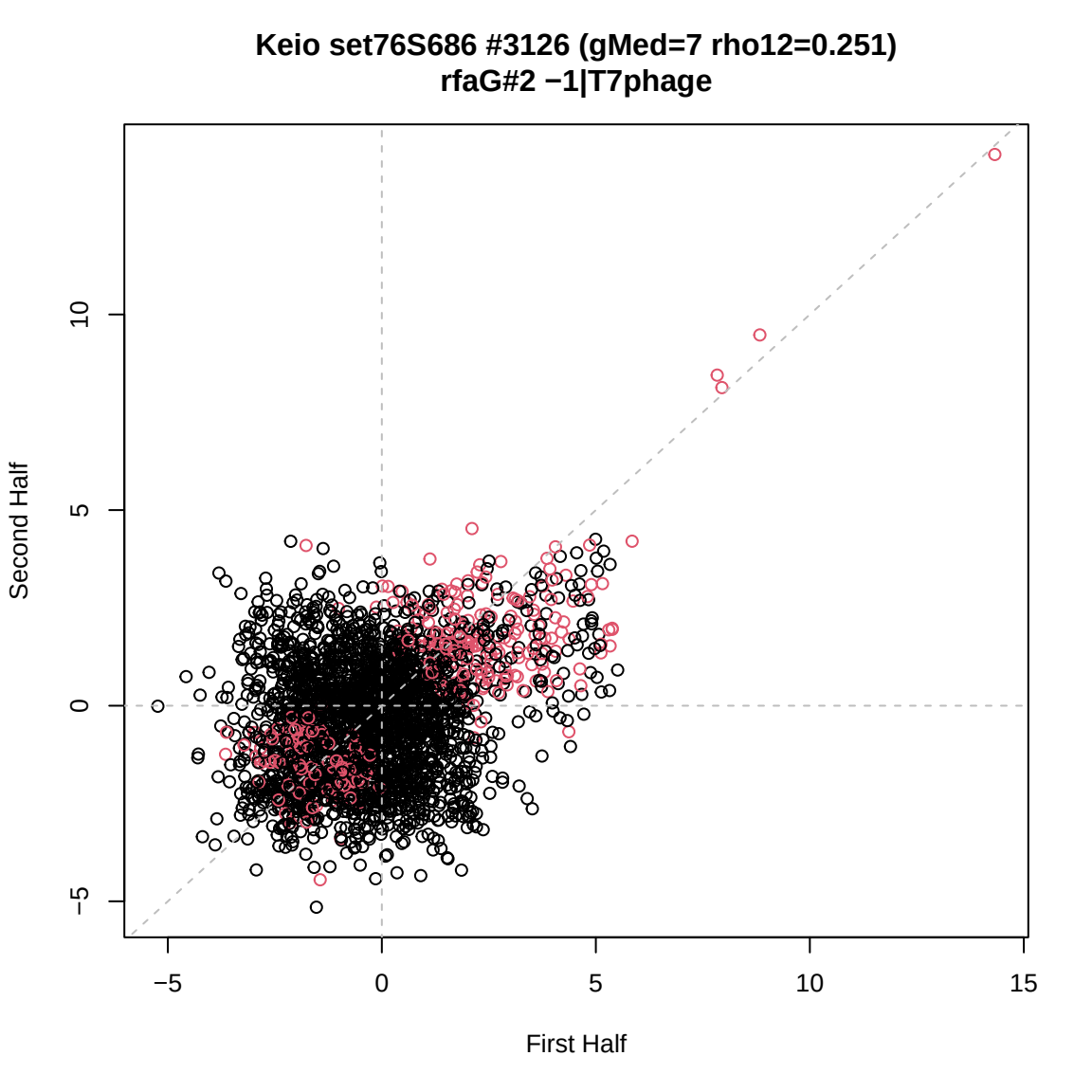

Keio set76S681 #3121 (gMed=0 rho12=0.494)
rfaG#1 −4|T7phage
Second Half
First Half
−2
0
2
4
6
8
10
12

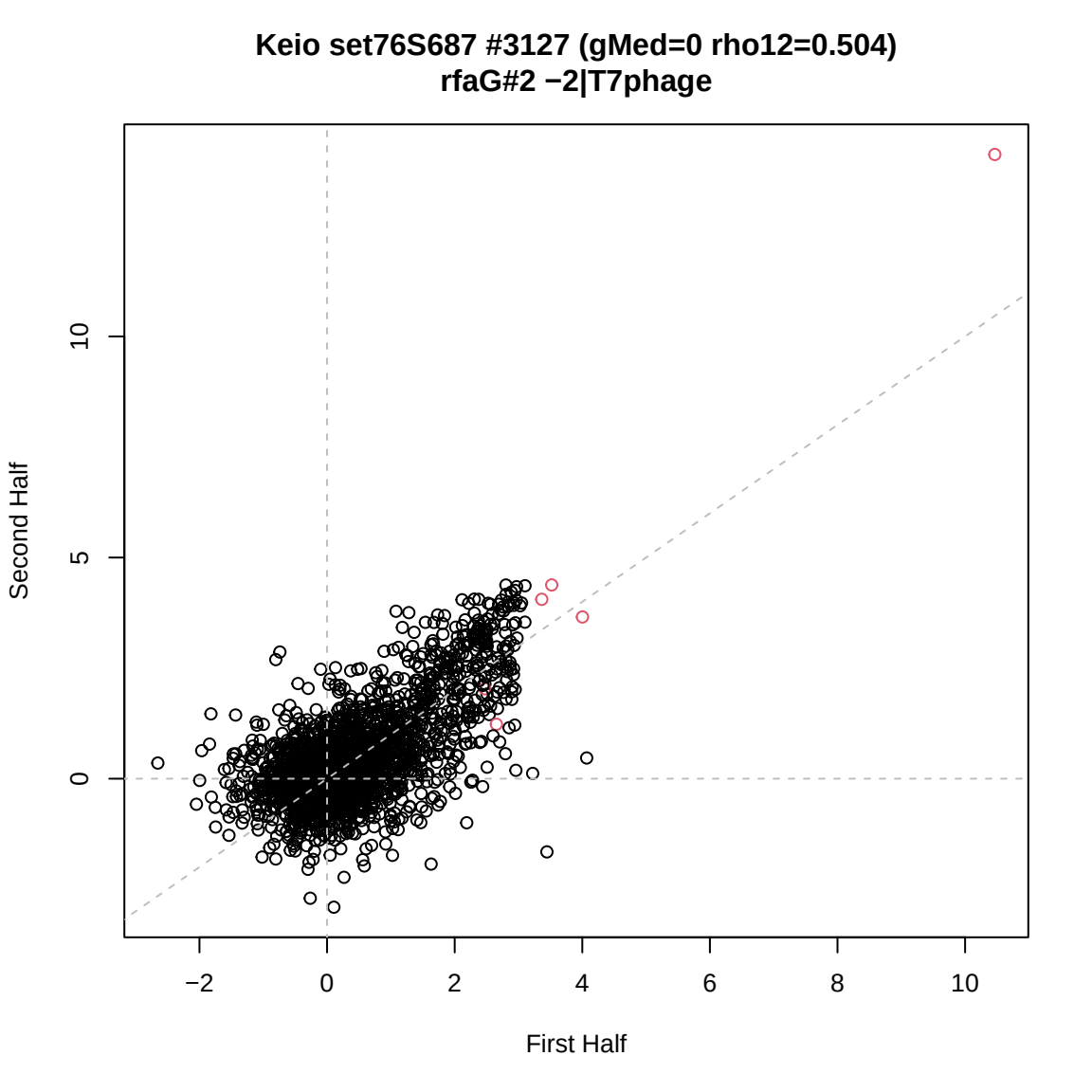

Keio set76S682 #3122 (gMed=0 rho12=0.492)
rfaD#2 −1|T7phage
Second Half
First Half
−2
0
2
4
6
8

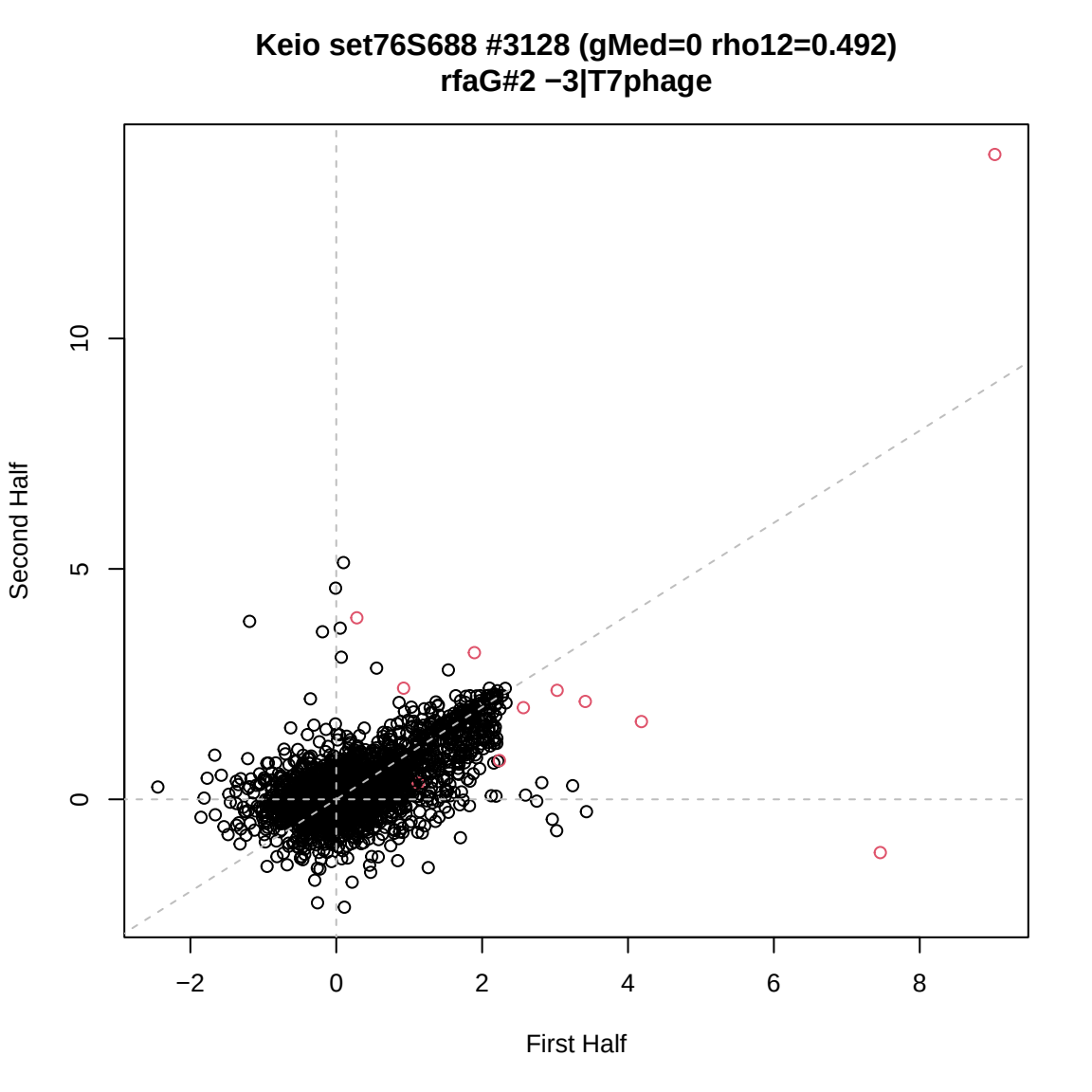

Keio set76S683 #3123 (gMed=0 rho12=0.484)
rfaD#2 −2|T7phage
Second Half
First Half
6
4
2
0
−2
−2
−1
0
1
2
3
4

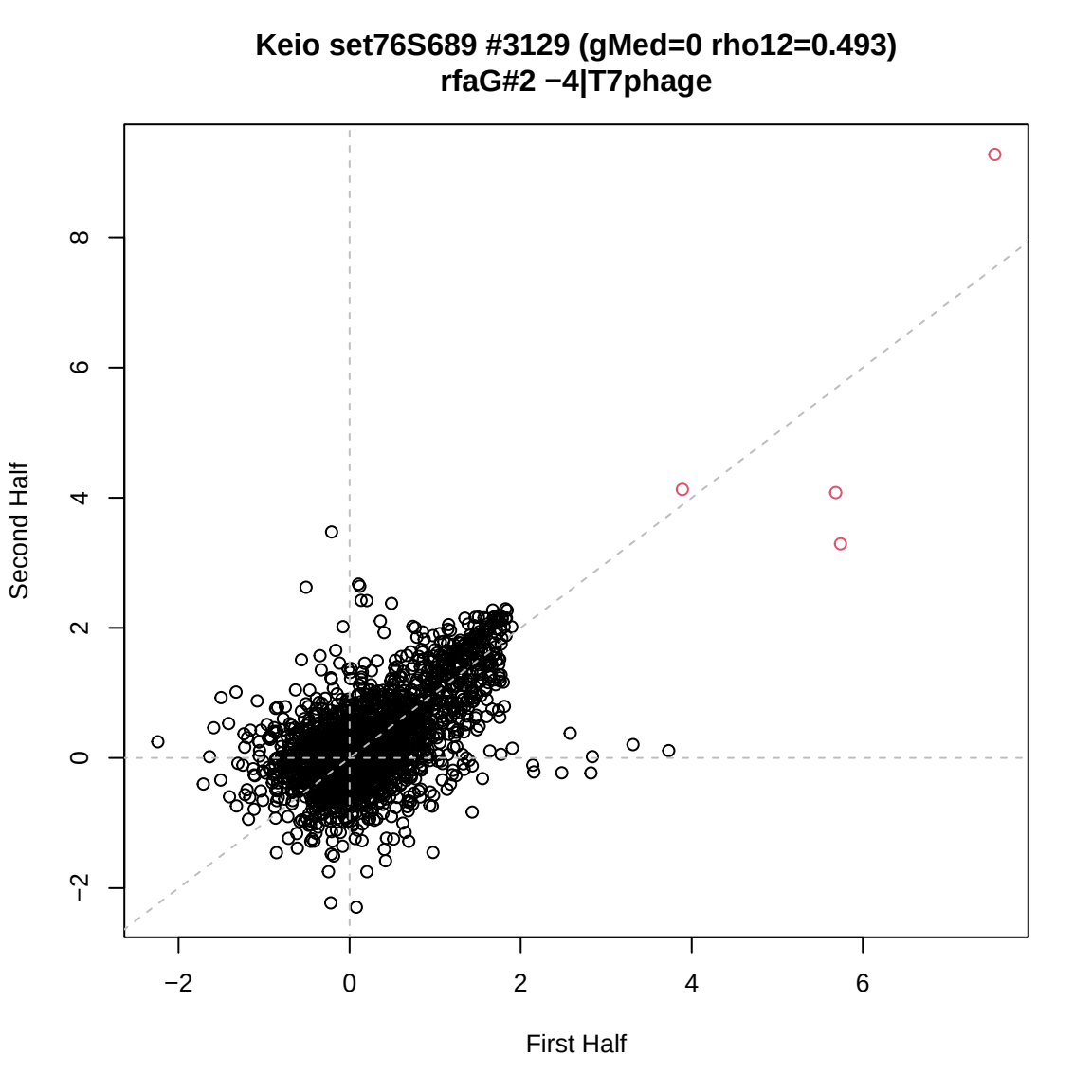

Keio set76S684 #3124 (gMed=0 rho12=0.486)
rfaD#2 −3|T7phage
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4

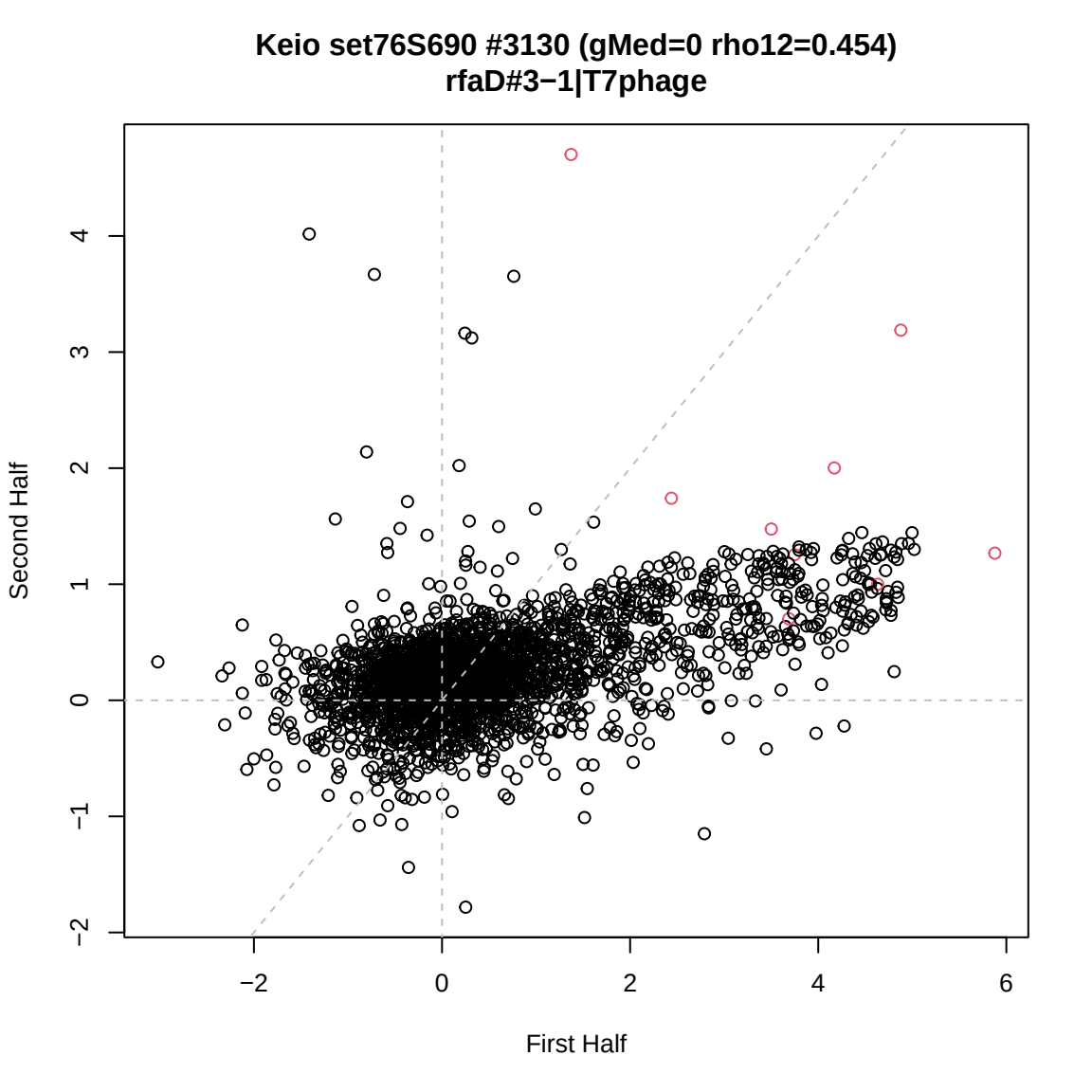

Keio set76S685 #3125 (gMed=0 rho12=0.488)
rfaD#2 −4|T7phage
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

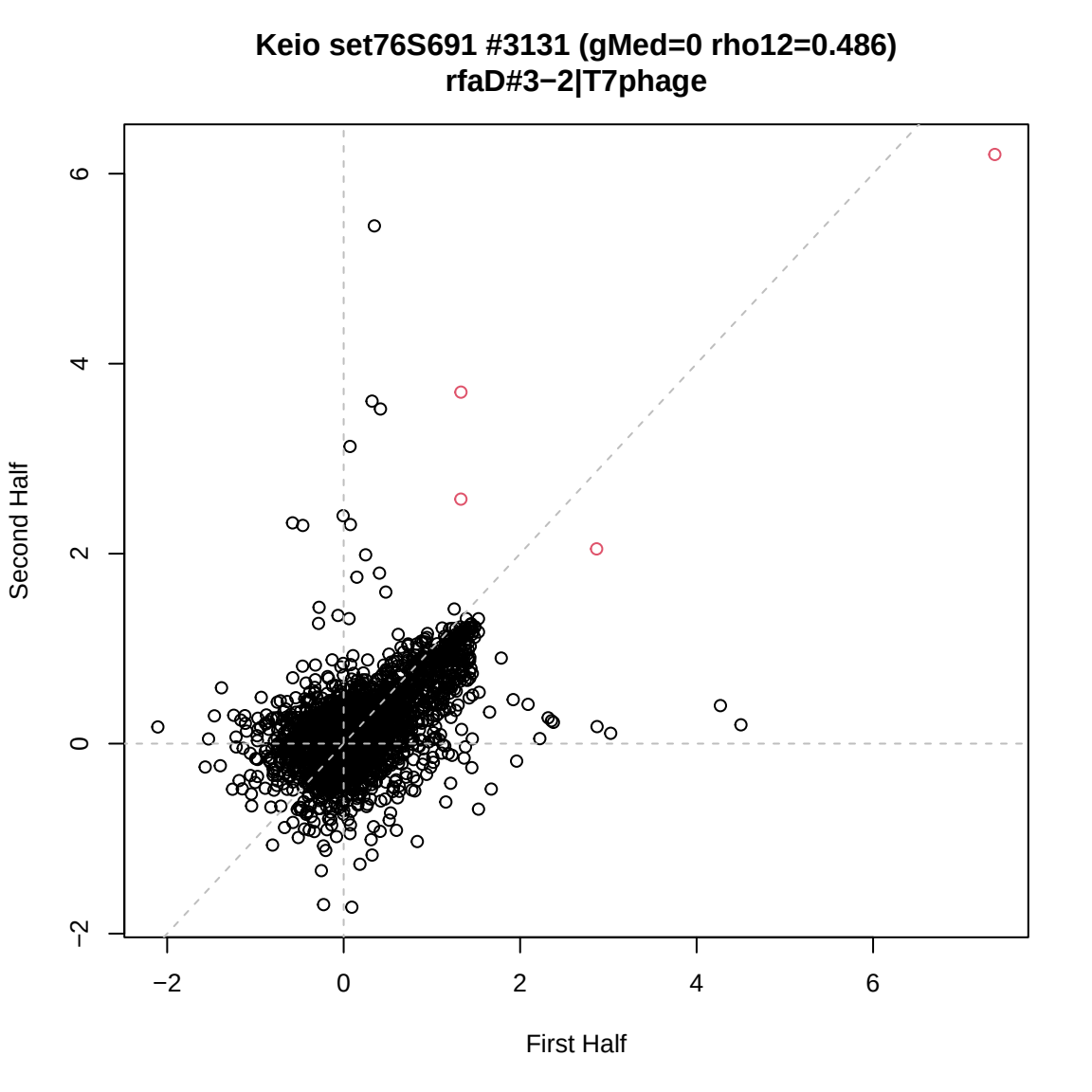

Keio set76S686 #3126 (gMed=7 rho12=0.251)
rfaG#2 −1|T7phage
Second Half
First Half
−5
0
5
10
15
−5
0
5
10

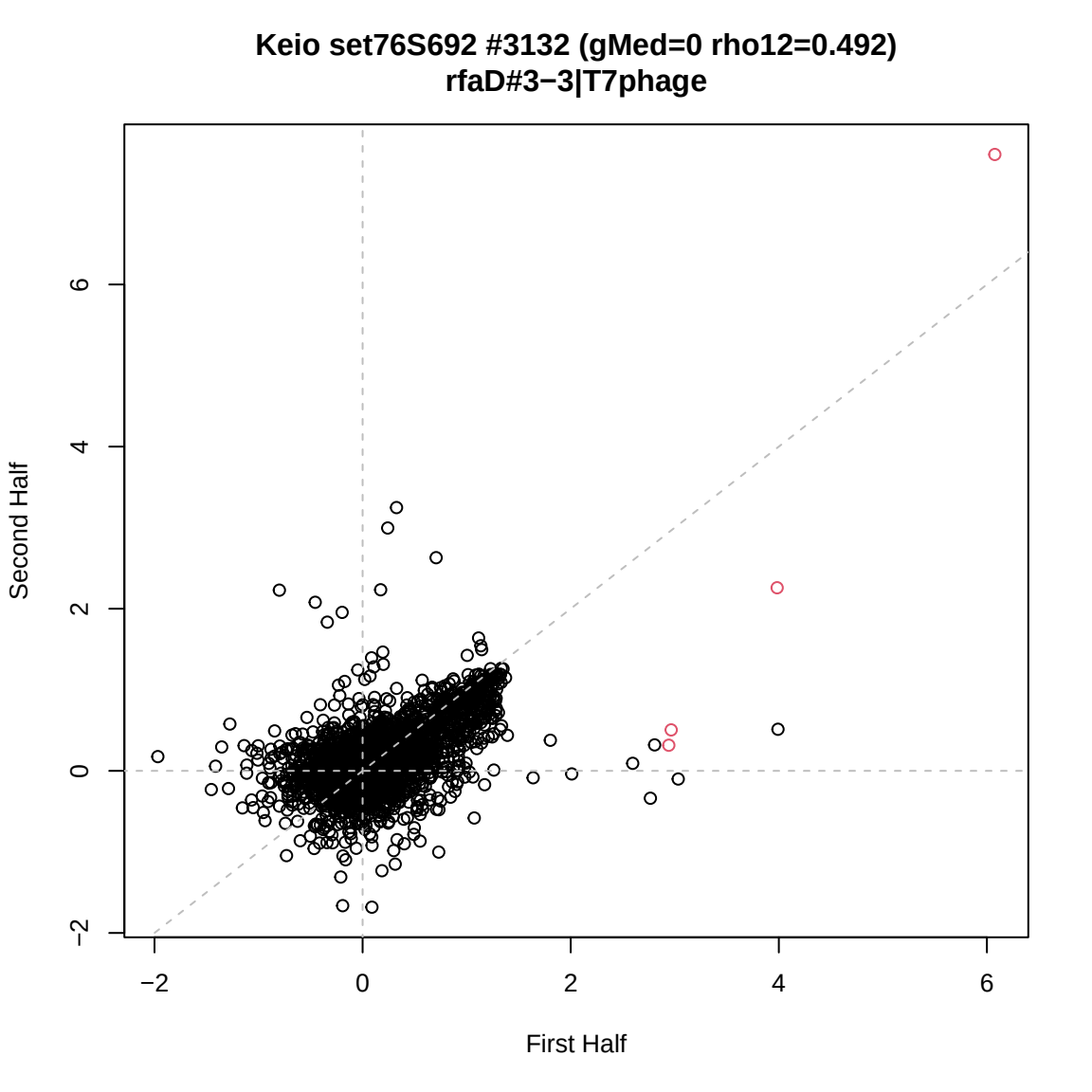

Keio set76S687 #3127 (gMed=0 rho12=0.504)
rfaG#2 −2|T7phage
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

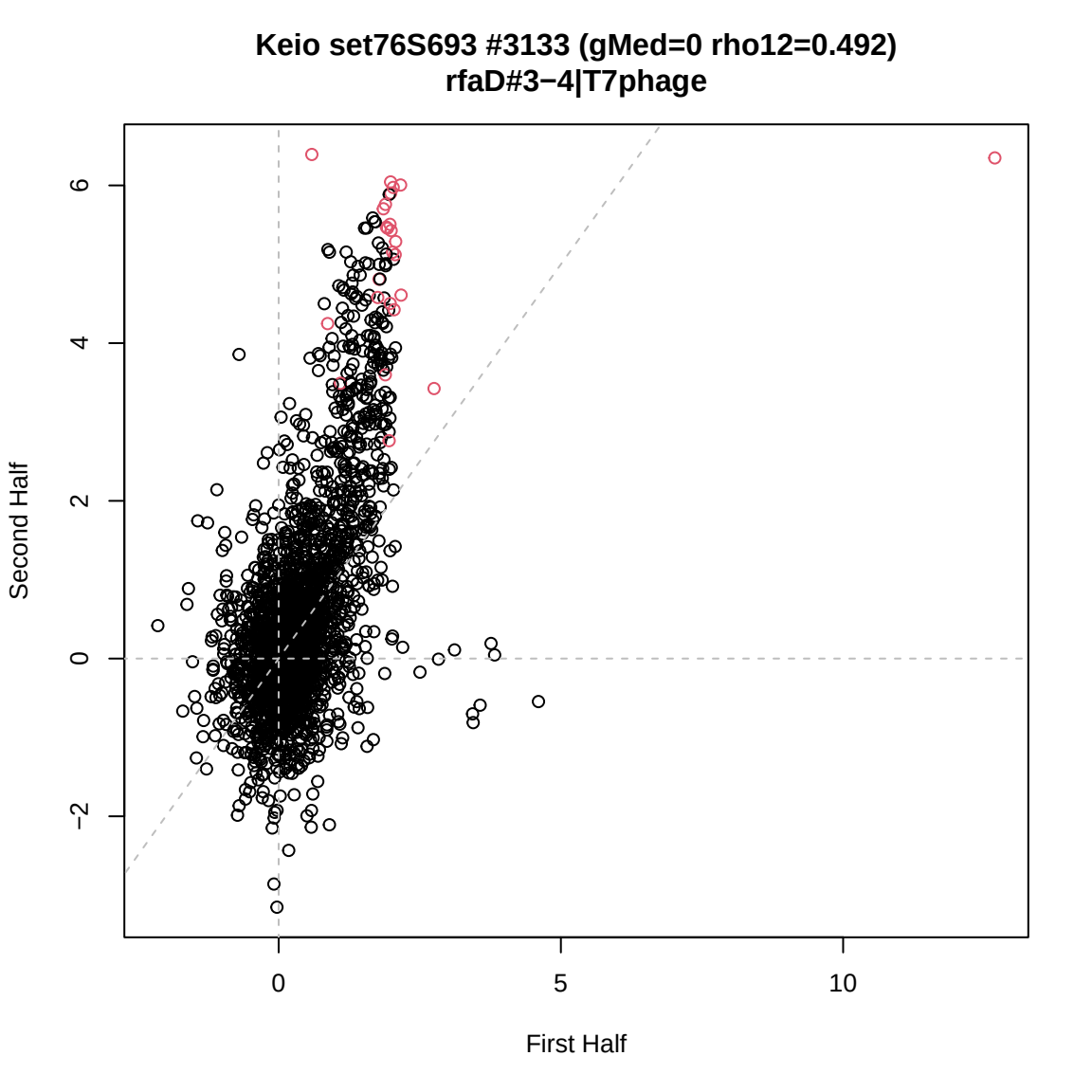

Keio set76S688 #3128 (gMed=0 rho12=0.492)
rfaG#2 −3|T7phage
Second Half
First Half
10
5
0
−2
0
2
4
6
8

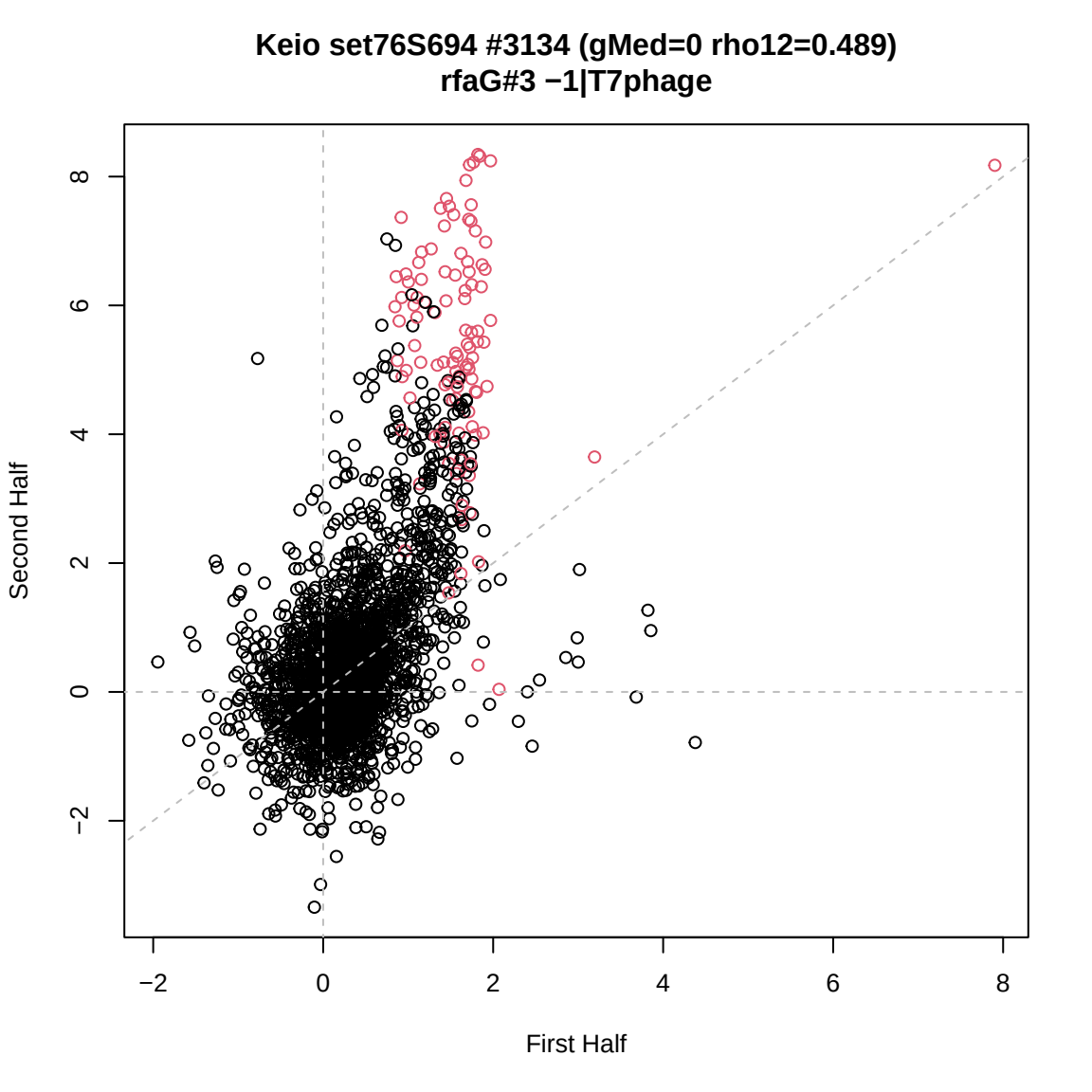

Keio set76S689 #3129 (gMed=0 rho12=0.493)
rfaG#2 −4|T7phage
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4
6

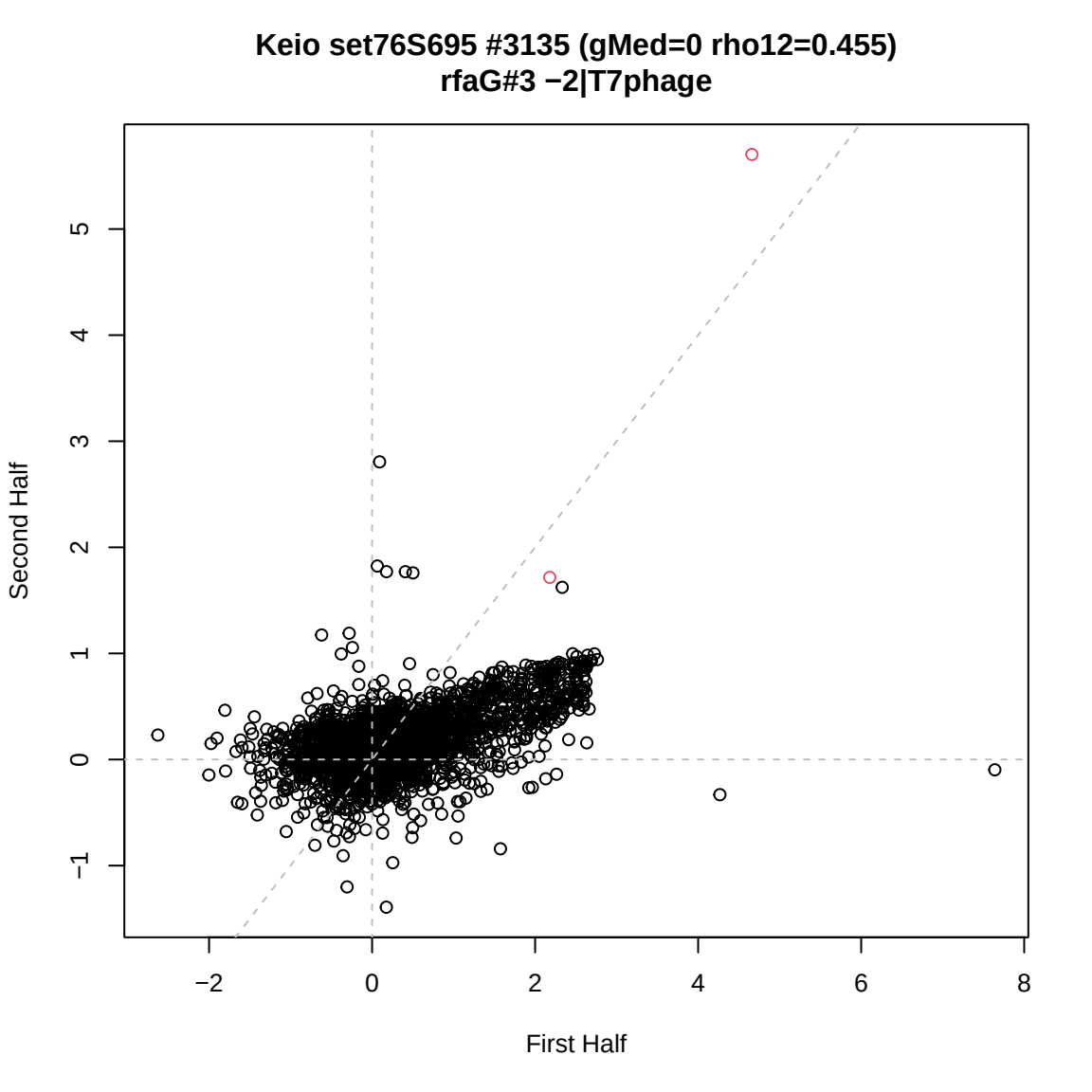

Keio set76S690 #3130 (gMed=0 rho12=0.454)
rfaD#3−1|T7phage
Second Half
First Half
−2
−1
0
1
2
3
4
−2
0
2
4
6

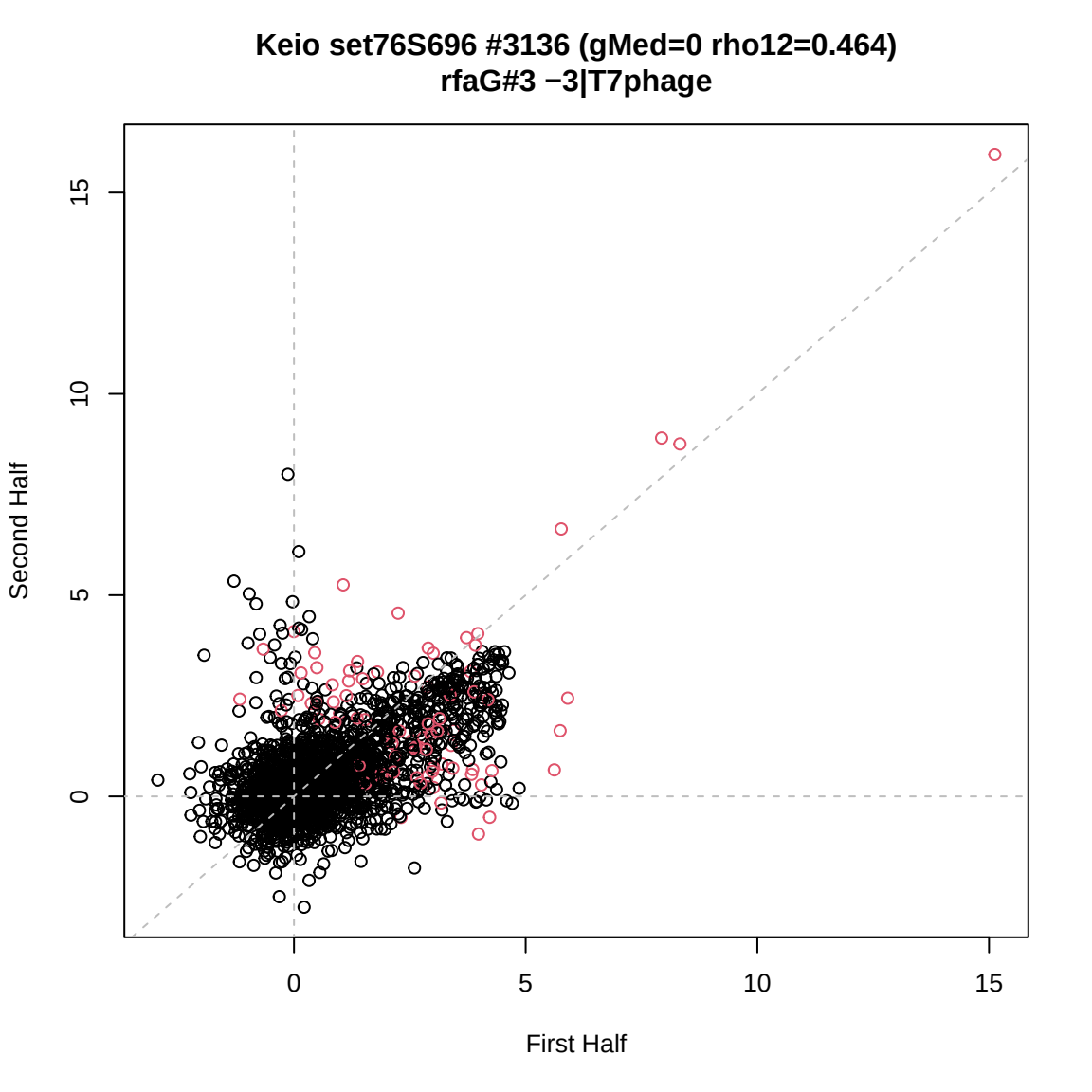

Keio set76S691 #3131 (gMed=0 rho12=0.486)
rfaD#3−2|T7phage
Second Half
First Half
−2
0
2
4
6

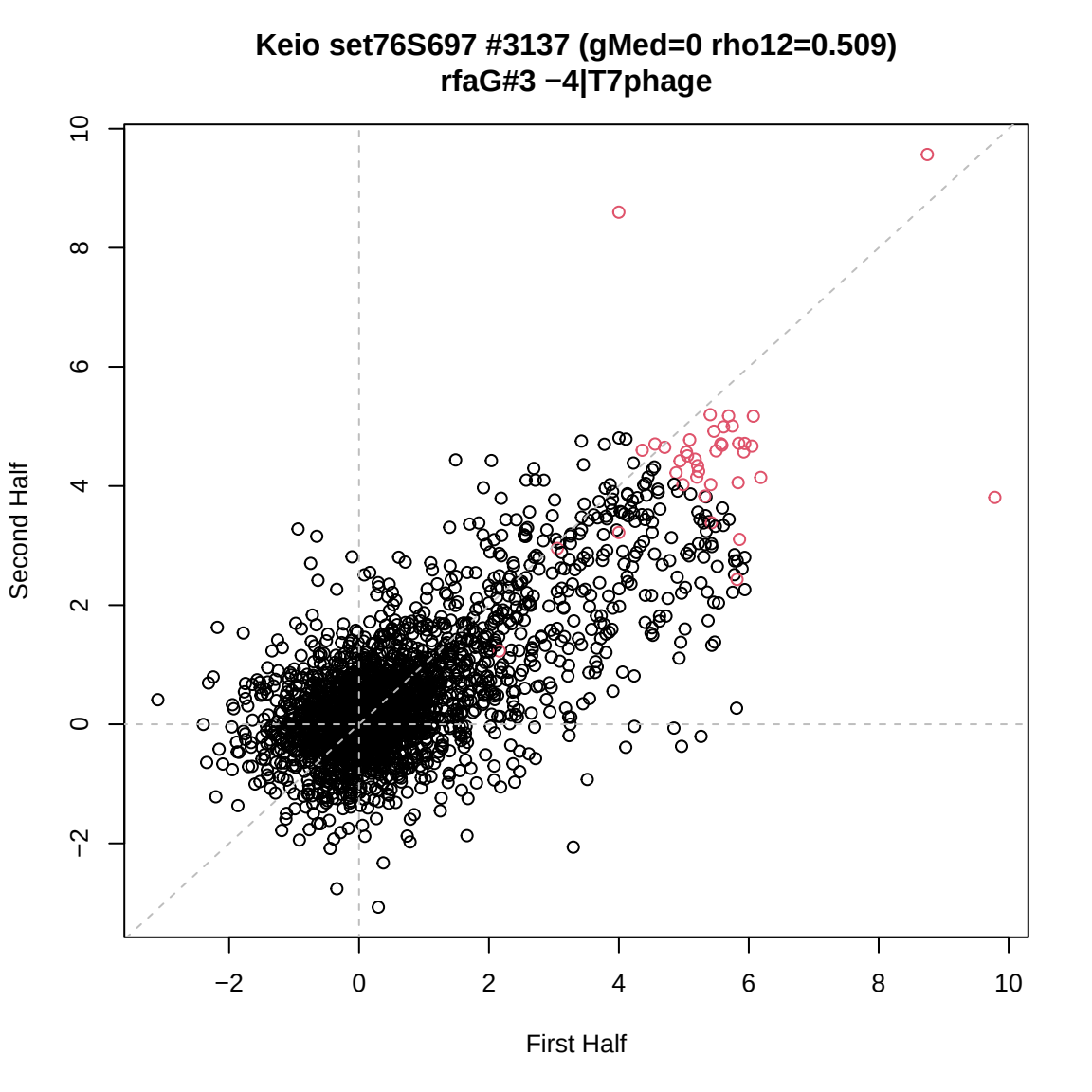

Keio set76S692 #3132 (gMed=0 rho12=0.492)
rfaD#3−3|T7phage
Second Half
First Half
−2
0
2
4
6

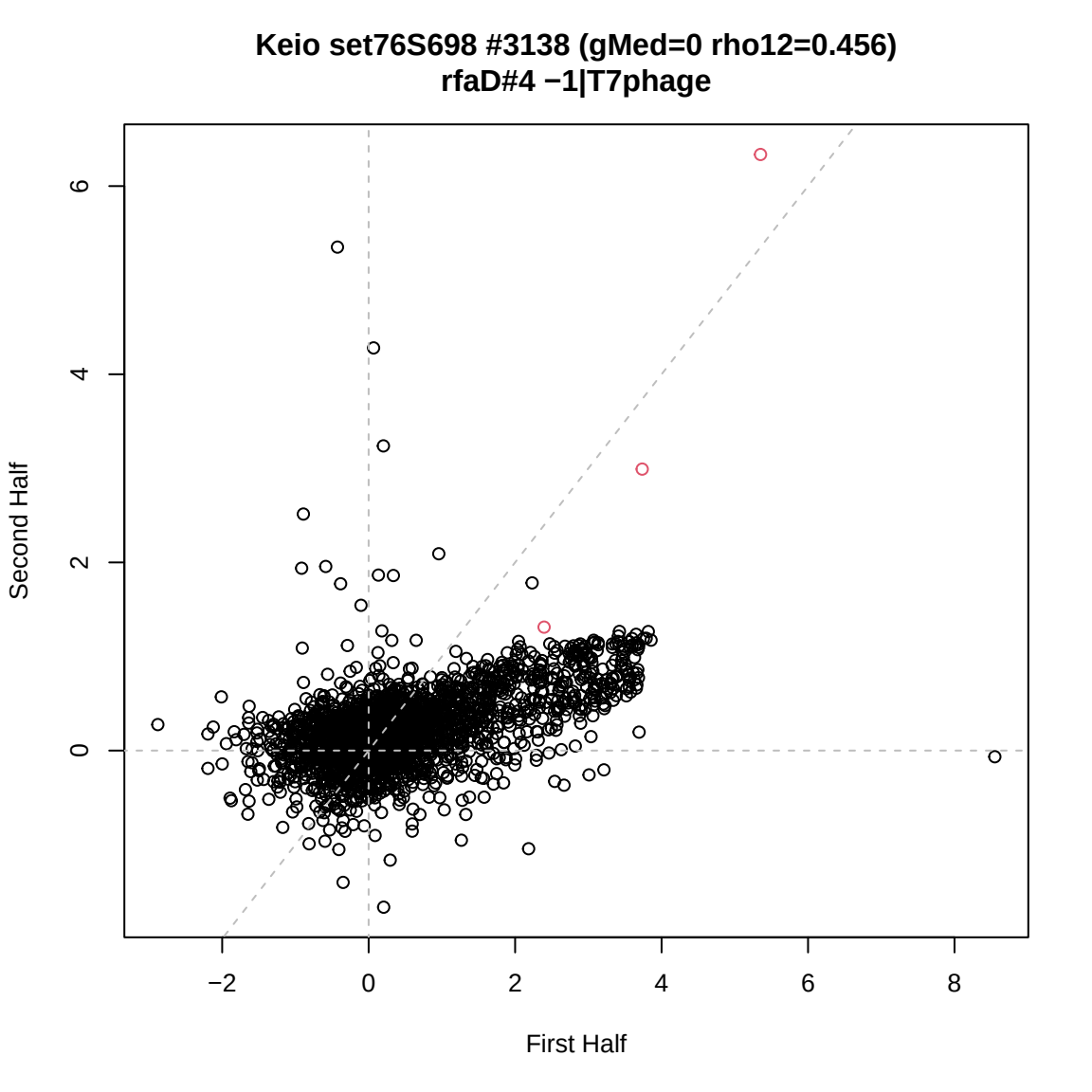

Keio set76S693 #3133 (gMed=0 rho12=0.492)
rfaD#3−4|T7phage
Second Half
First Half
6
4
2
0
−2
0
5
10

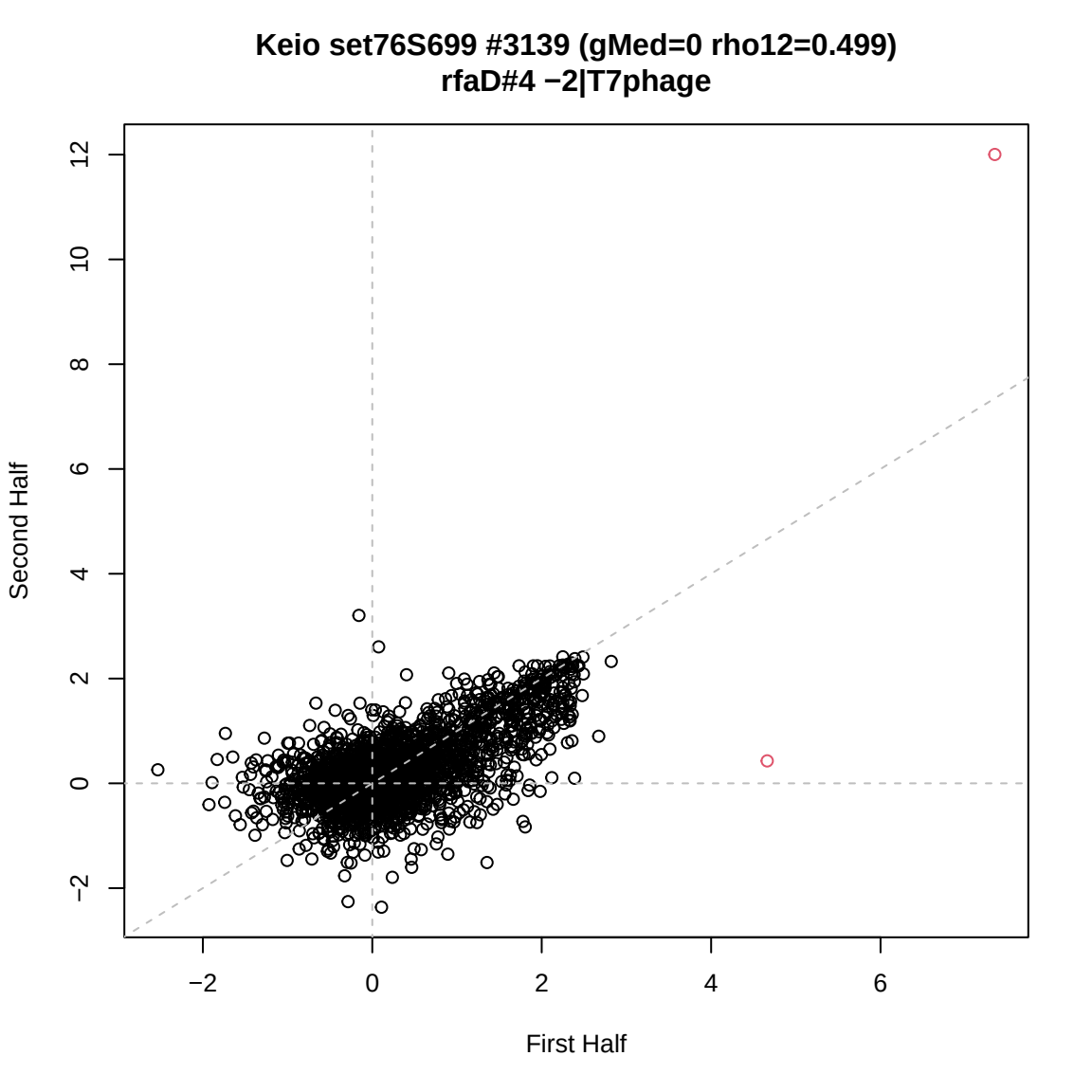

Keio set76S694 #3134 (gMed=0 rho12=0.489)
rfaG#3 −1|T7phage
Second Half
First Half
−2
0
2
4
6
8

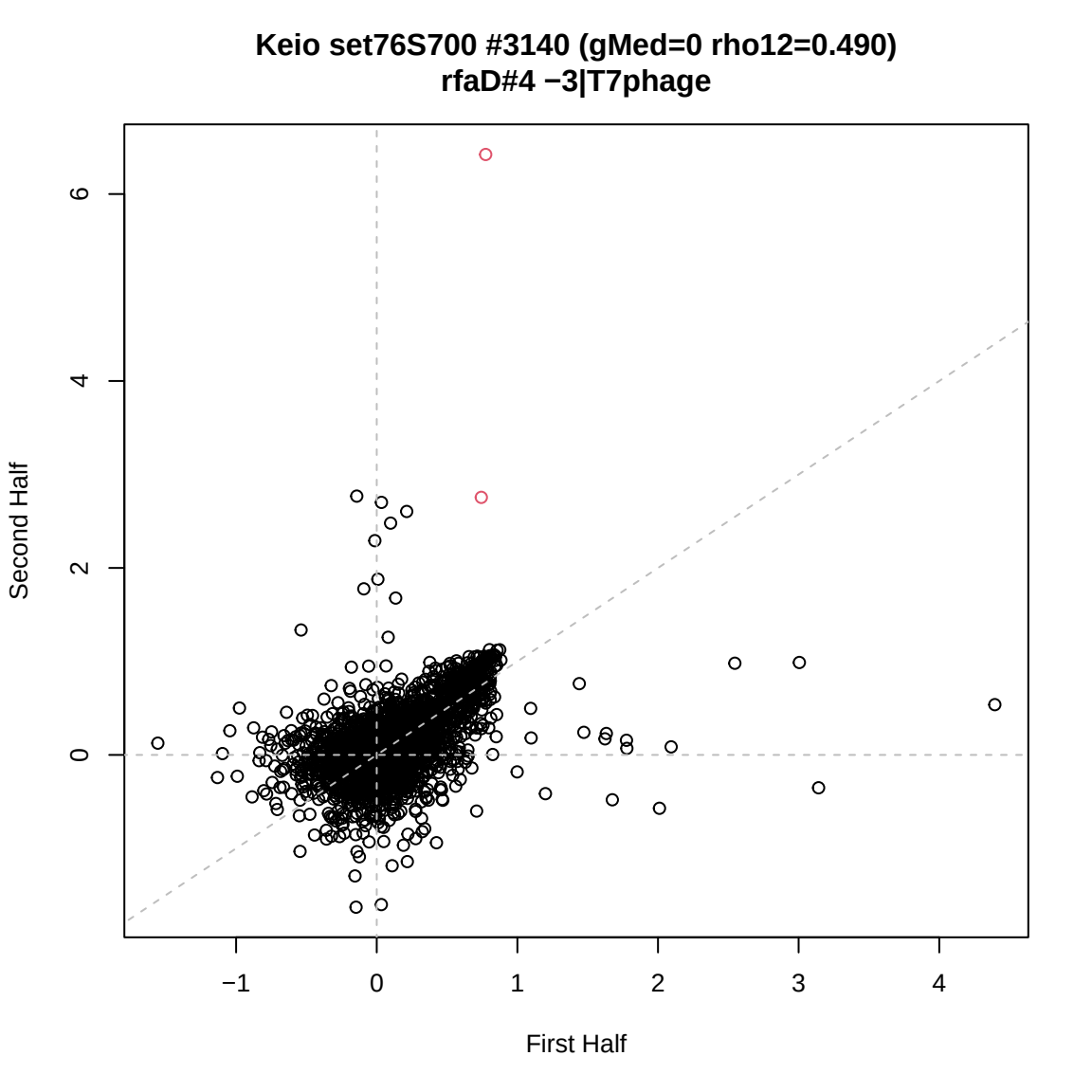

Keio set76S695 #3135 (gMed=0 rho12=0.455)
rfaG#3 −2|T7phage
Second Half
First Half
−2
0
2
4
6
8
−1
0
1
2
3
4
5

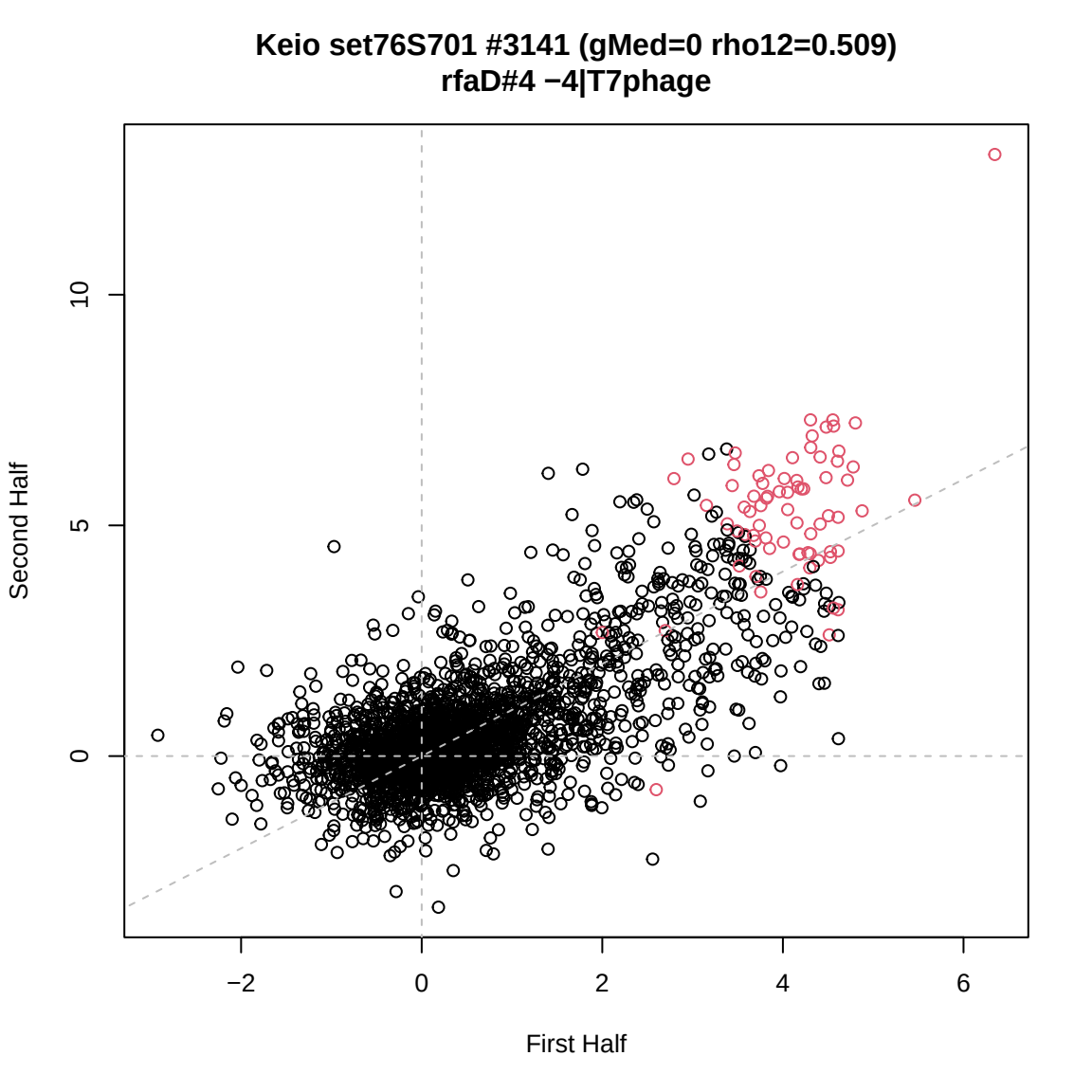

Keio set76S696 #3136 (gMed=0 rho12=0.464)
rfaG#3 −3|T7phage
Second Half
First Half
0
5
10
15

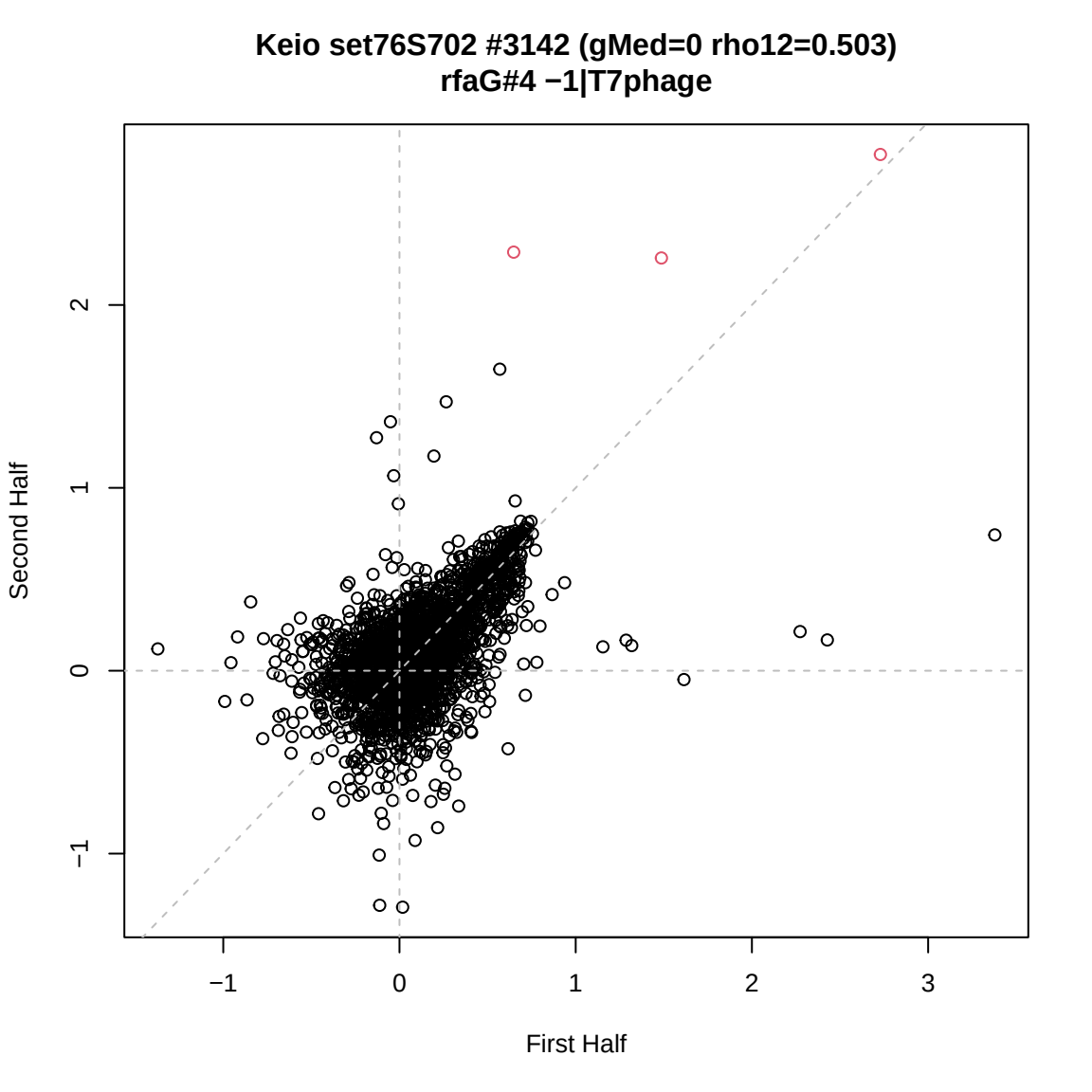

Keio set76S697 #3137 (gMed=0 rho12=0.509)
rfaG#3 −4|T7phage
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10

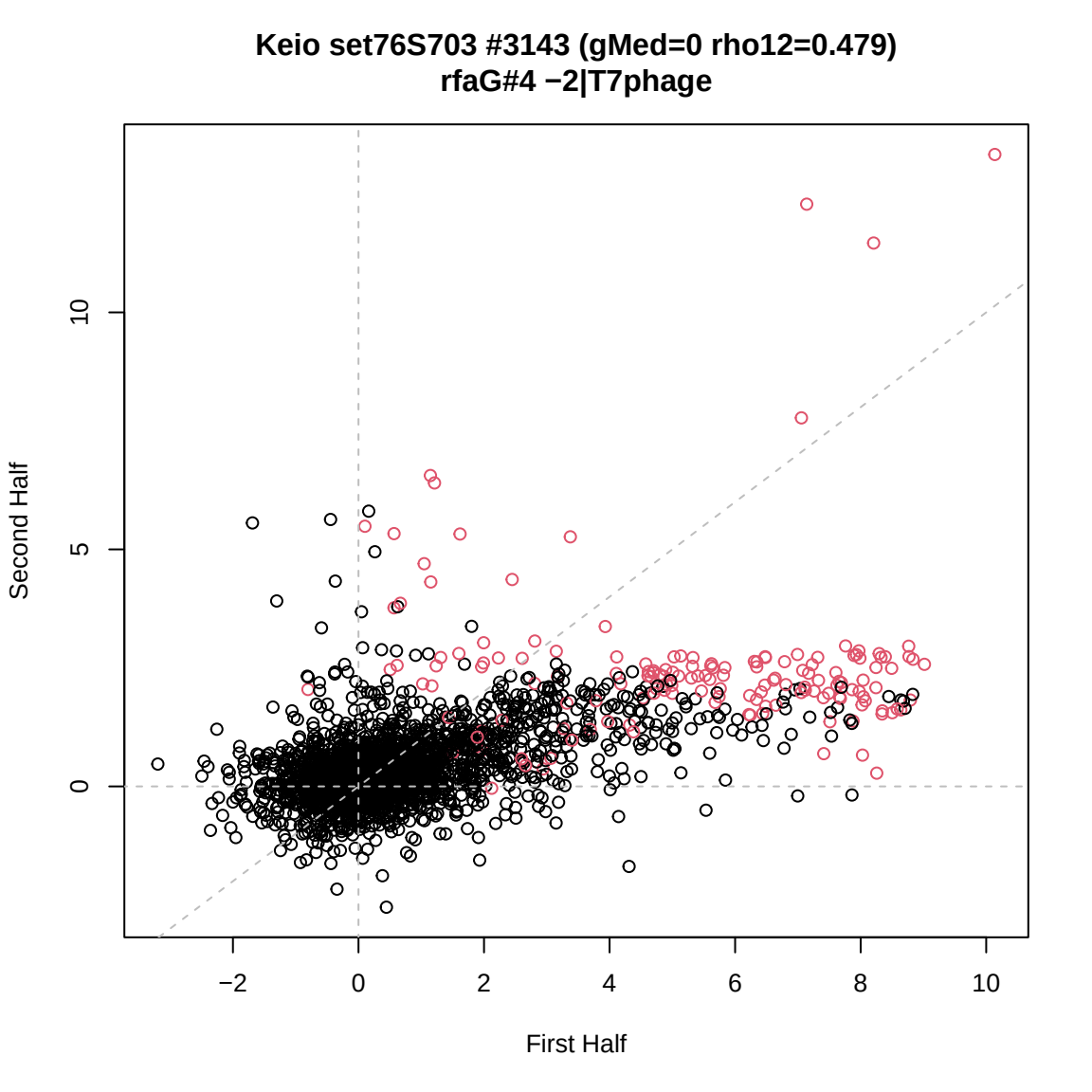

Keio set76S698 #3138 (gMed=0 rho12=0.456)
rfaD#4 −1|T7phage
Second Half
First Half
6
4
2
0
−2
0
2
4
6
8

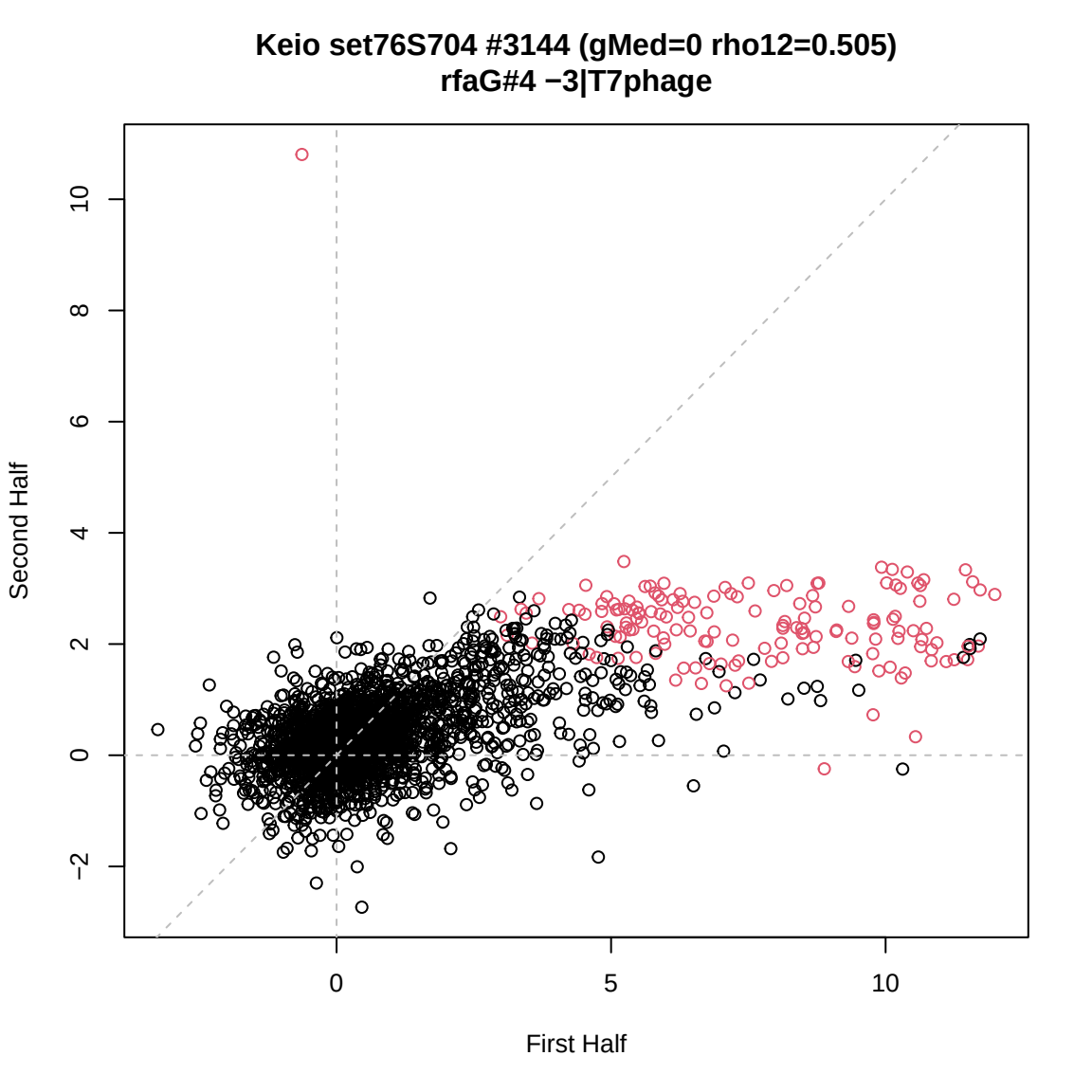

Keio set76S699 #3139 (gMed=0 rho12=0.499)
rfaD#4 −2|T7phage
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6

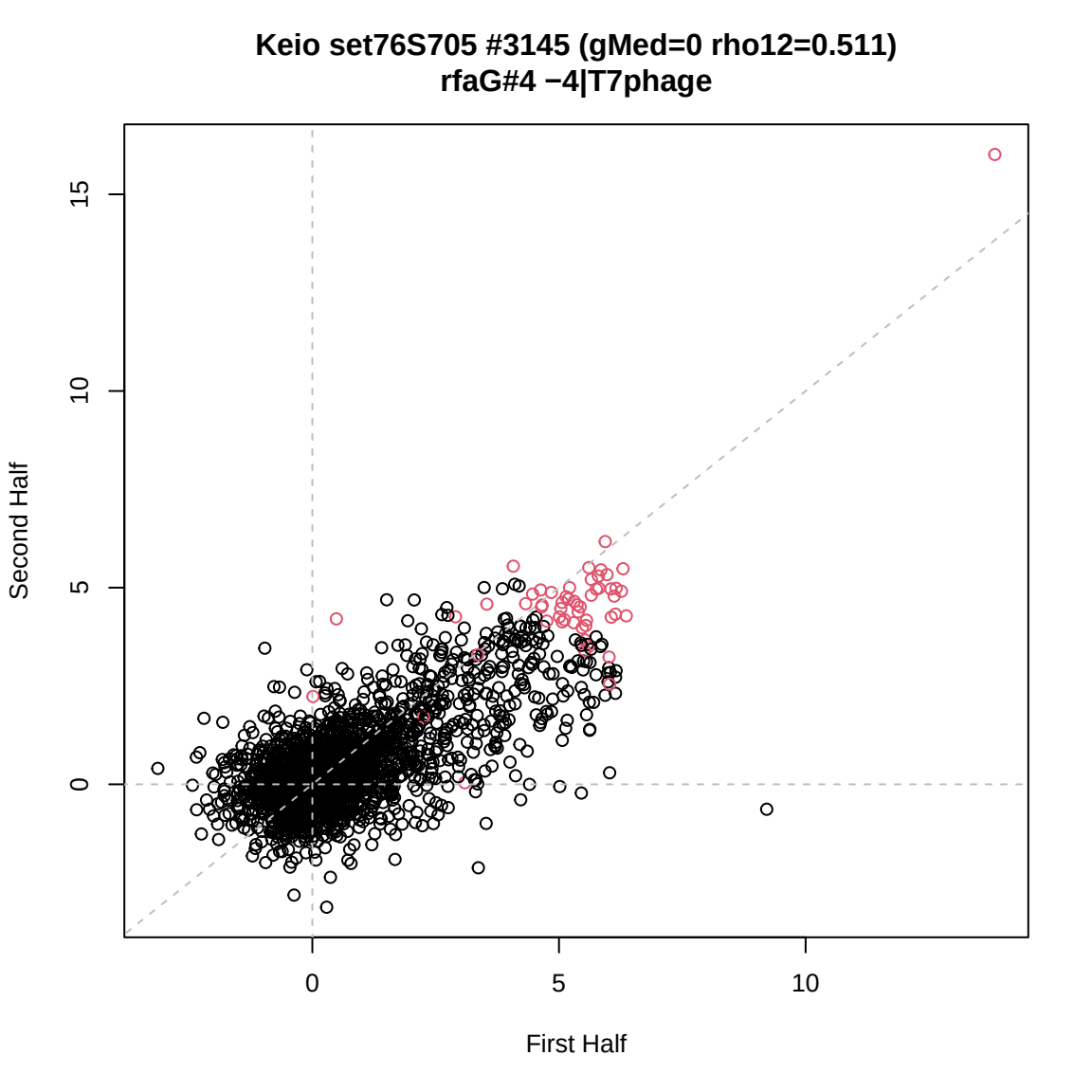

Keio set76S700 #3140 (gMed=0 rho12=0.490)
rfaD#4 −3|T7phage
Second Half
First Half
6
4
2
0
−1
0
1
2
3
4

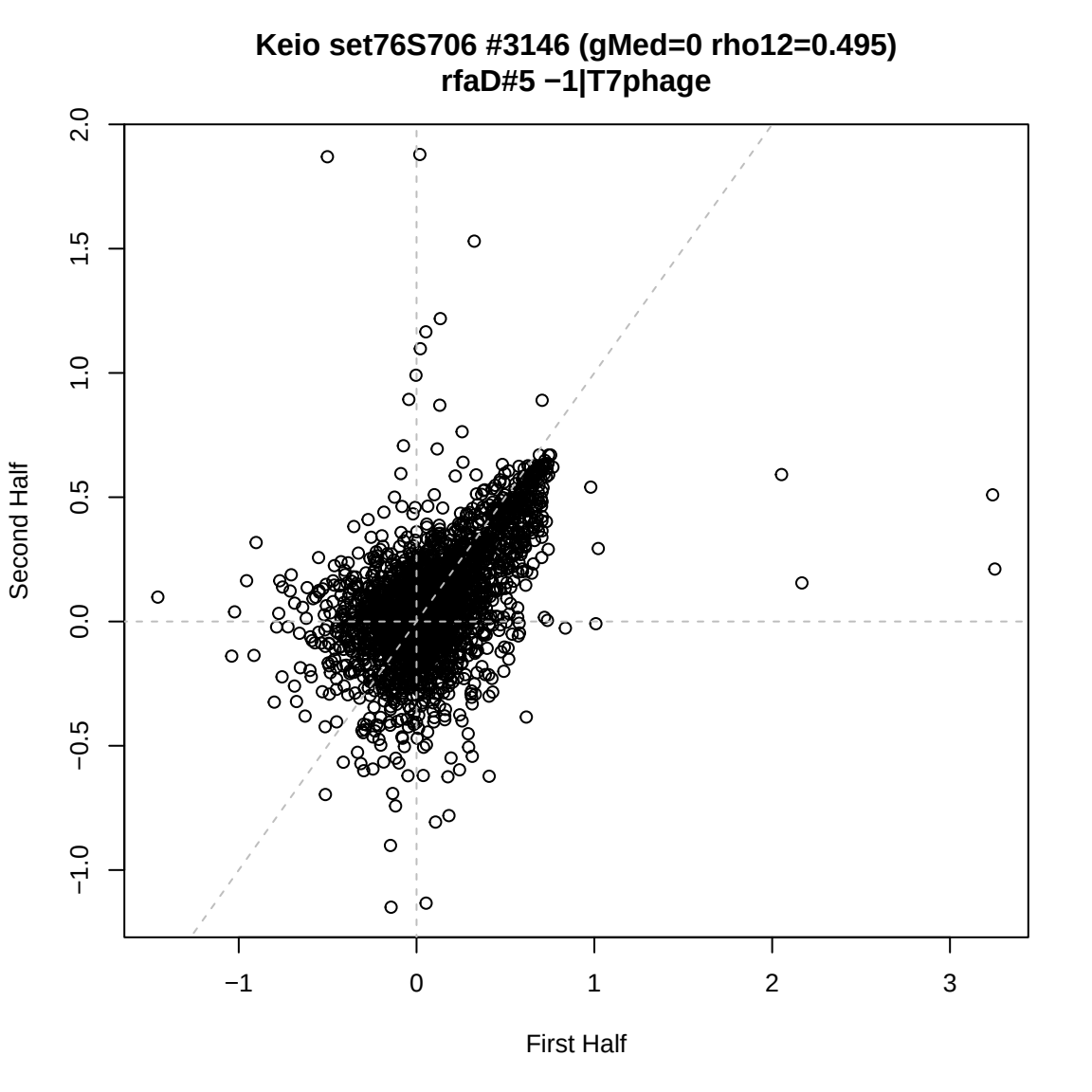

Keio set76S701 #3141 (gMed=0 rho12=0.509)
rfaD#4 −4|T7phage
Second Half
First Half
10
5
0
−2
0
2
4
6

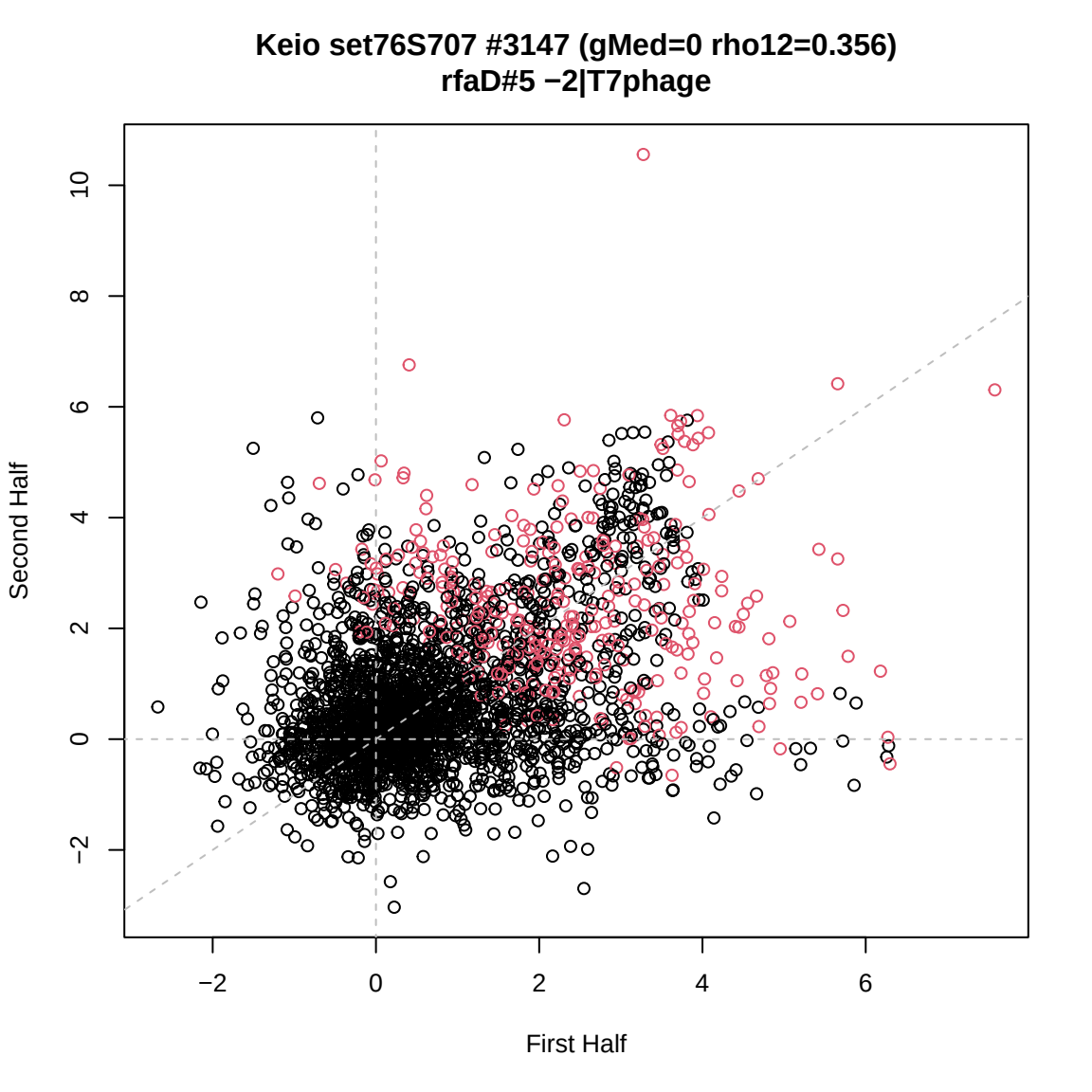

Keio set76S702 #3142 (gMed=0 rho12=0.503)
rfaG#4 −1|T7phage
Second Half
First Half
−1
0
1
2
3
−1
0
1
2

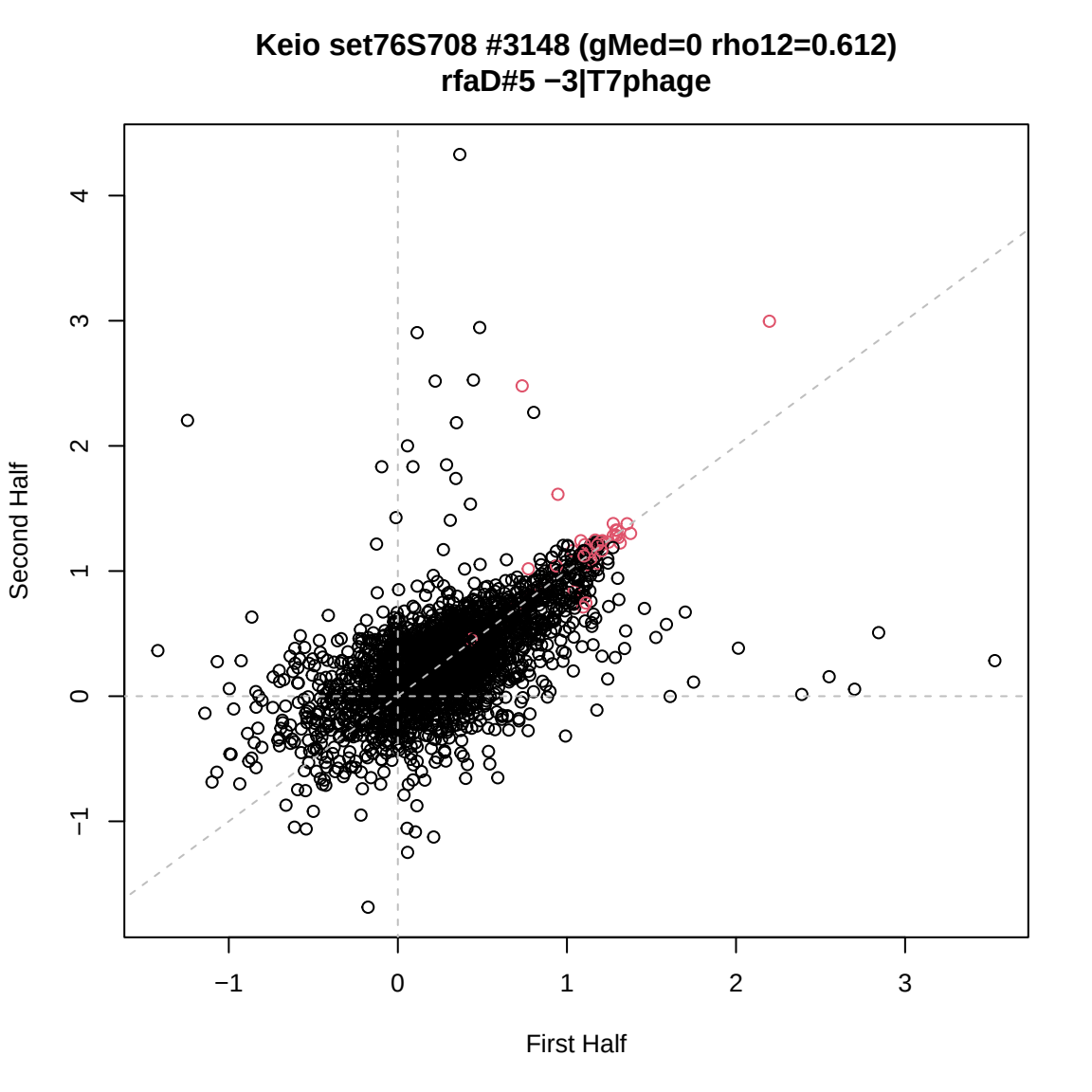

Keio set76S703 #3143 (gMed=0 rho12=0.479)
rfaG#4 −2|T7phage
Second Half
First Half
−2
0
2
4
6
8
10
0
5
10

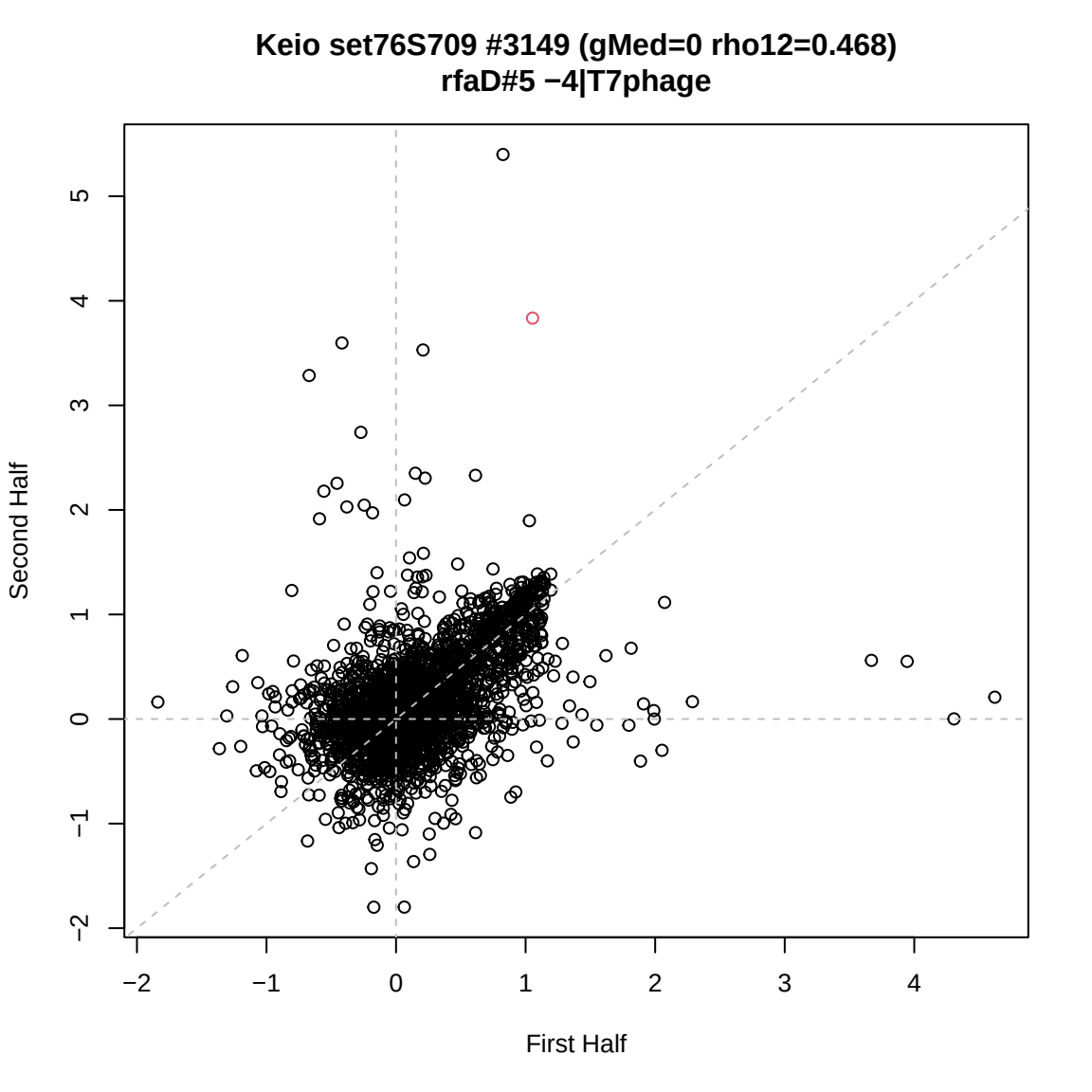

Keio set76S704 #3144 (gMed=0 rho12=0.505)
rfaG#4 −3|T7phage
Second Half
First Half
10
8
6
4
2
0
−2
0
5
10

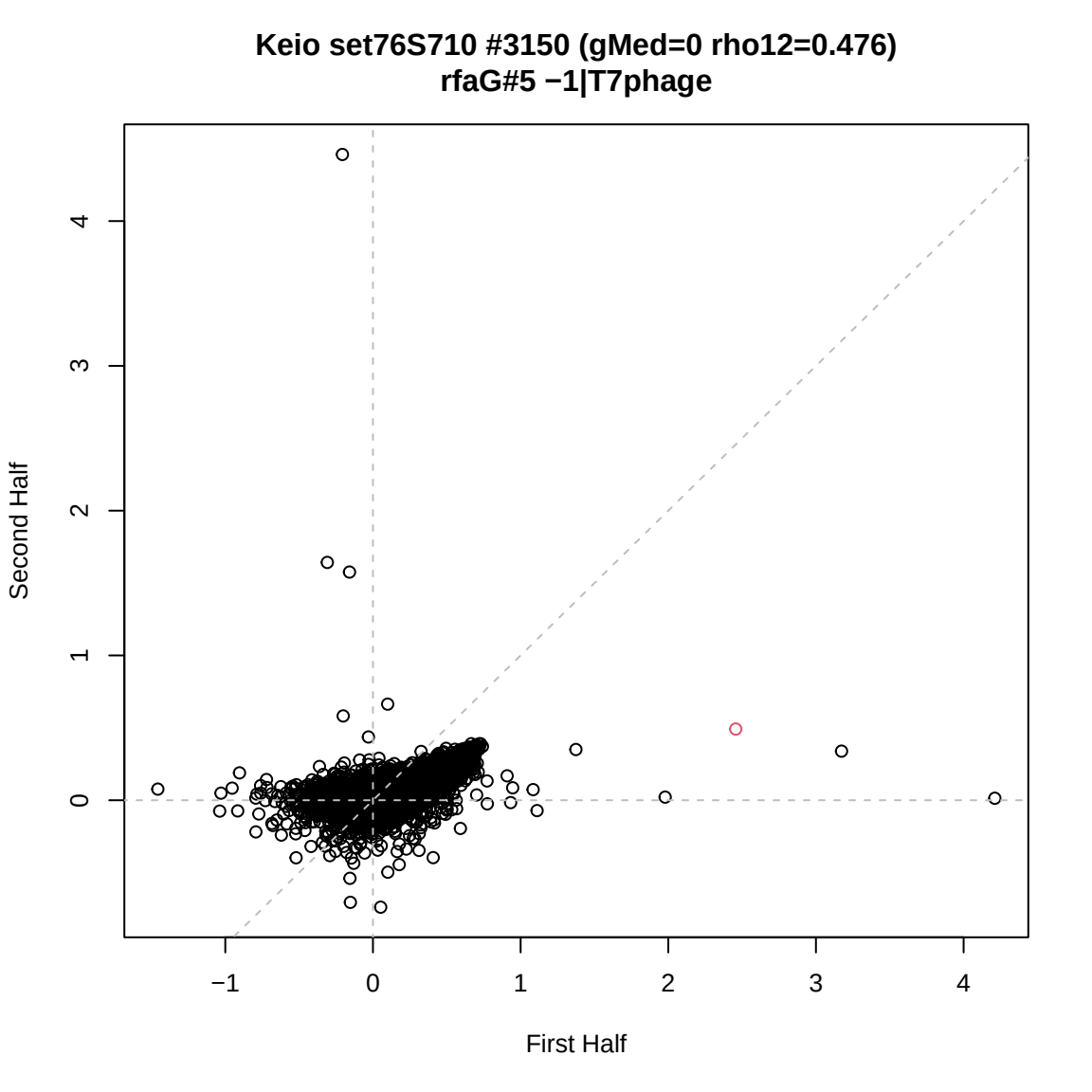

Keio set76S705 #3145 (gMed=0 rho12=0.511)
rfaG#4 −4|T7phage
Second Half
First Half
0
5
10
15
0
5
10

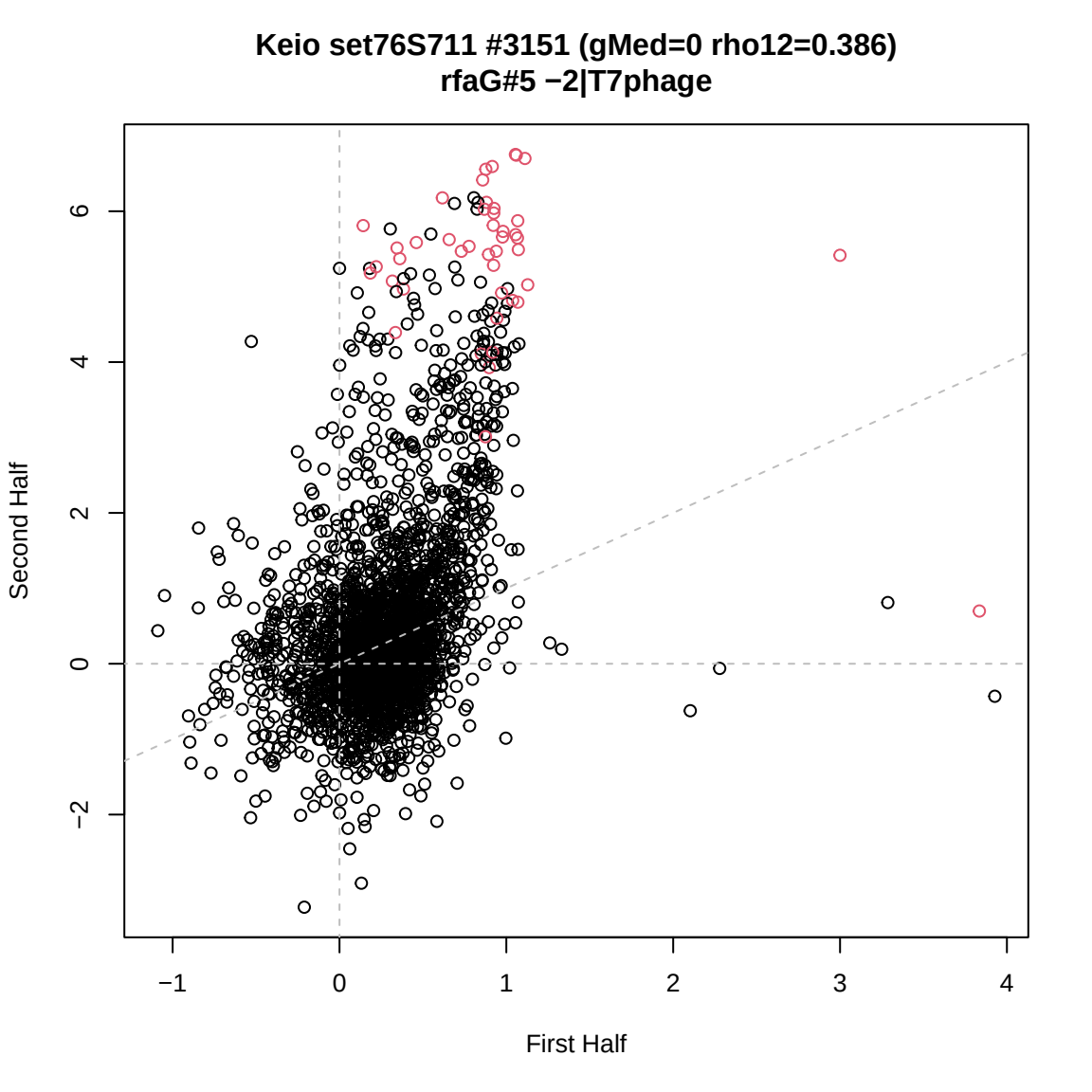

Keio set76S706 #3146 (gMed=0 rho12=0.495)
rfaD#5 −1|T7phage
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2
3

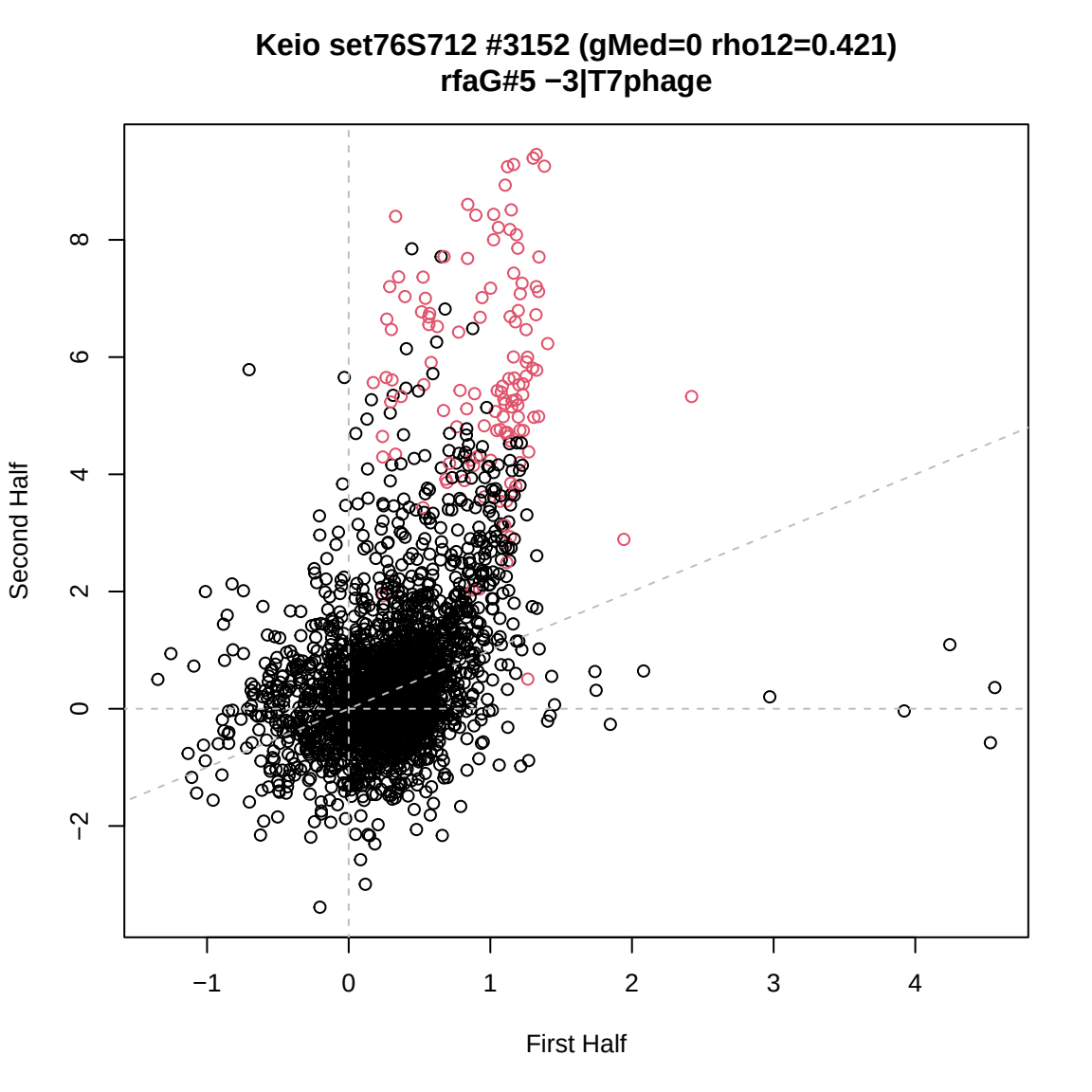

Keio set76S707 #3147 (gMed=0 rho12=0.356)
rfaD#5 −2|T7phage
Second Half
First Half
−2
0
2
4
6
8
10
−2
0
2
4
6

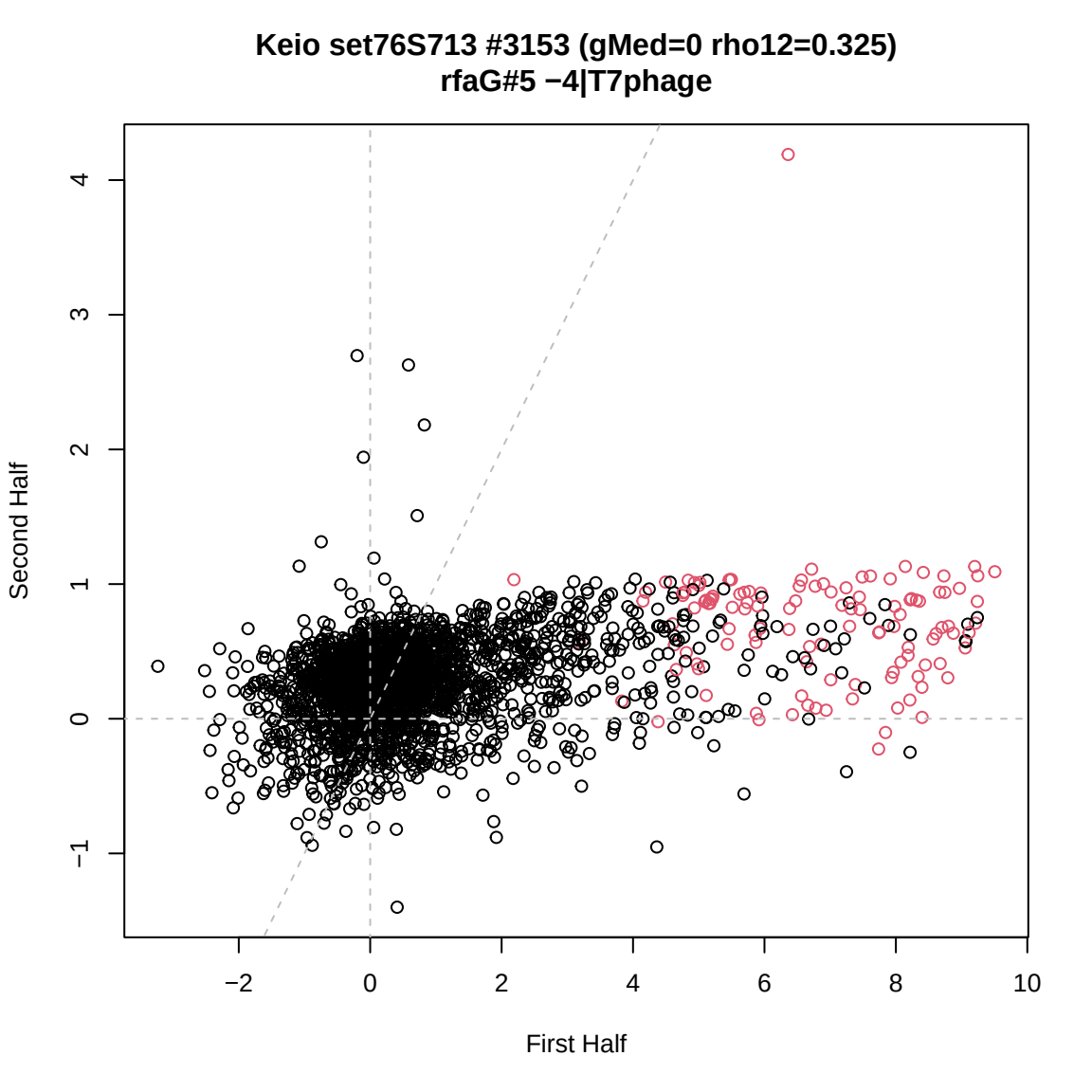

Keio set76S708 #3148 (gMed=0 rho12=0.612)
rfaD#5 −3|T7phage
Second Half
First Half
−1
0
1
2
3
4

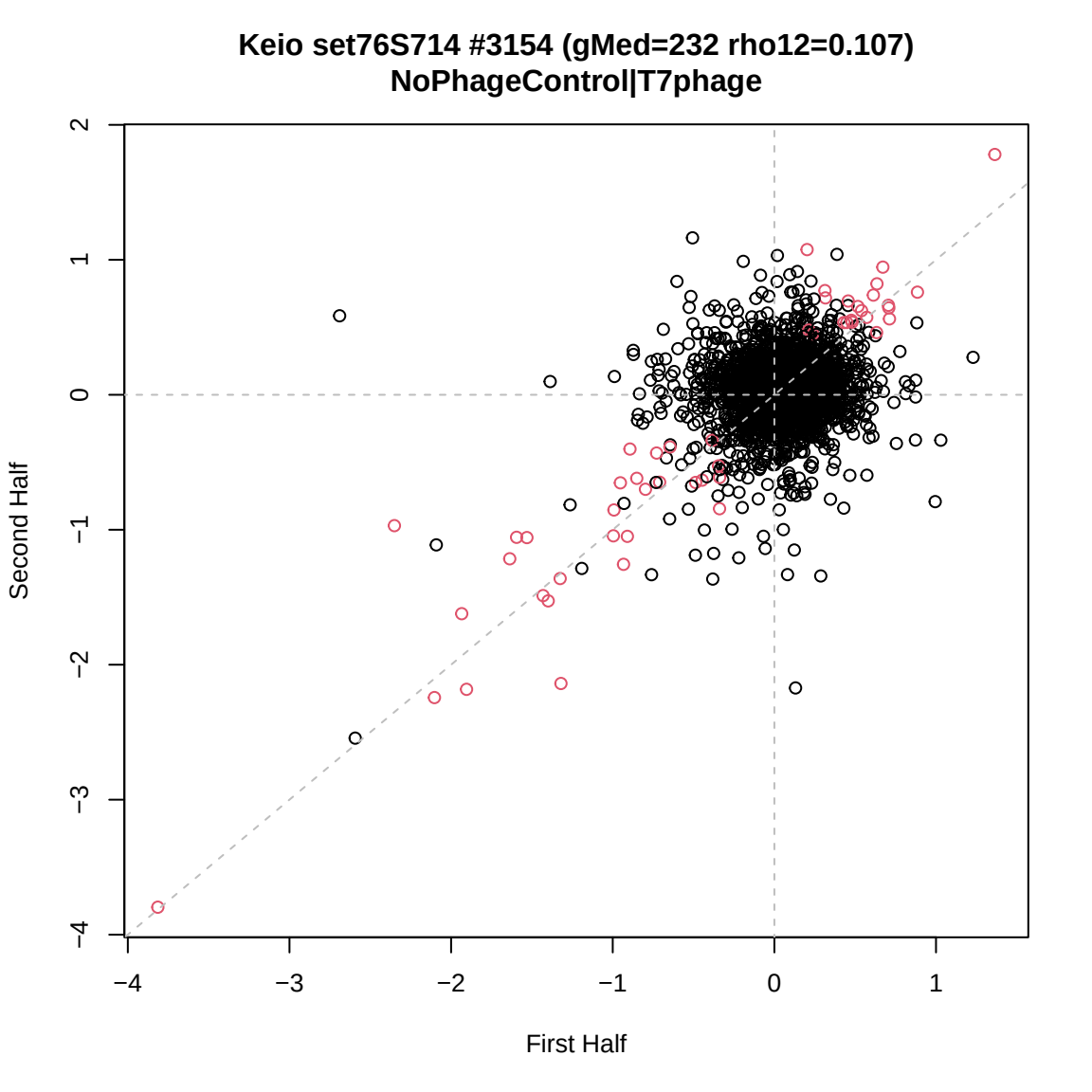

Keio set76S709 #3149 (gMed=0 rho12=0.468)
rfaD#5 −4|T7phage
Second Half
First Half
−2
−1
0
1
2
3
4
5

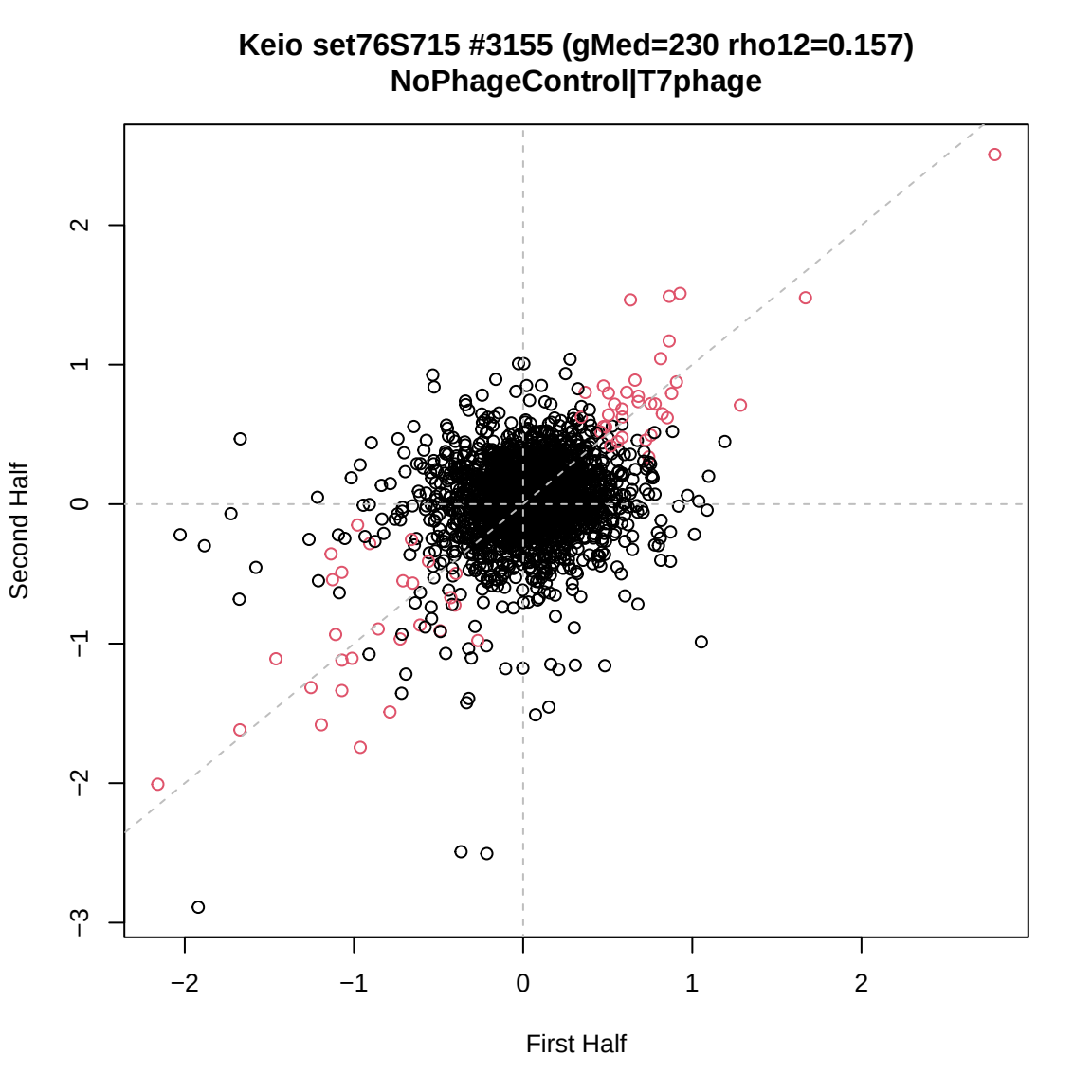

Keio set76S710 #3150 (gMed=0 rho12=0.476)
rfaG#5 −1|T7phage
Second Half
First Half
−1
0
1
2
3
4

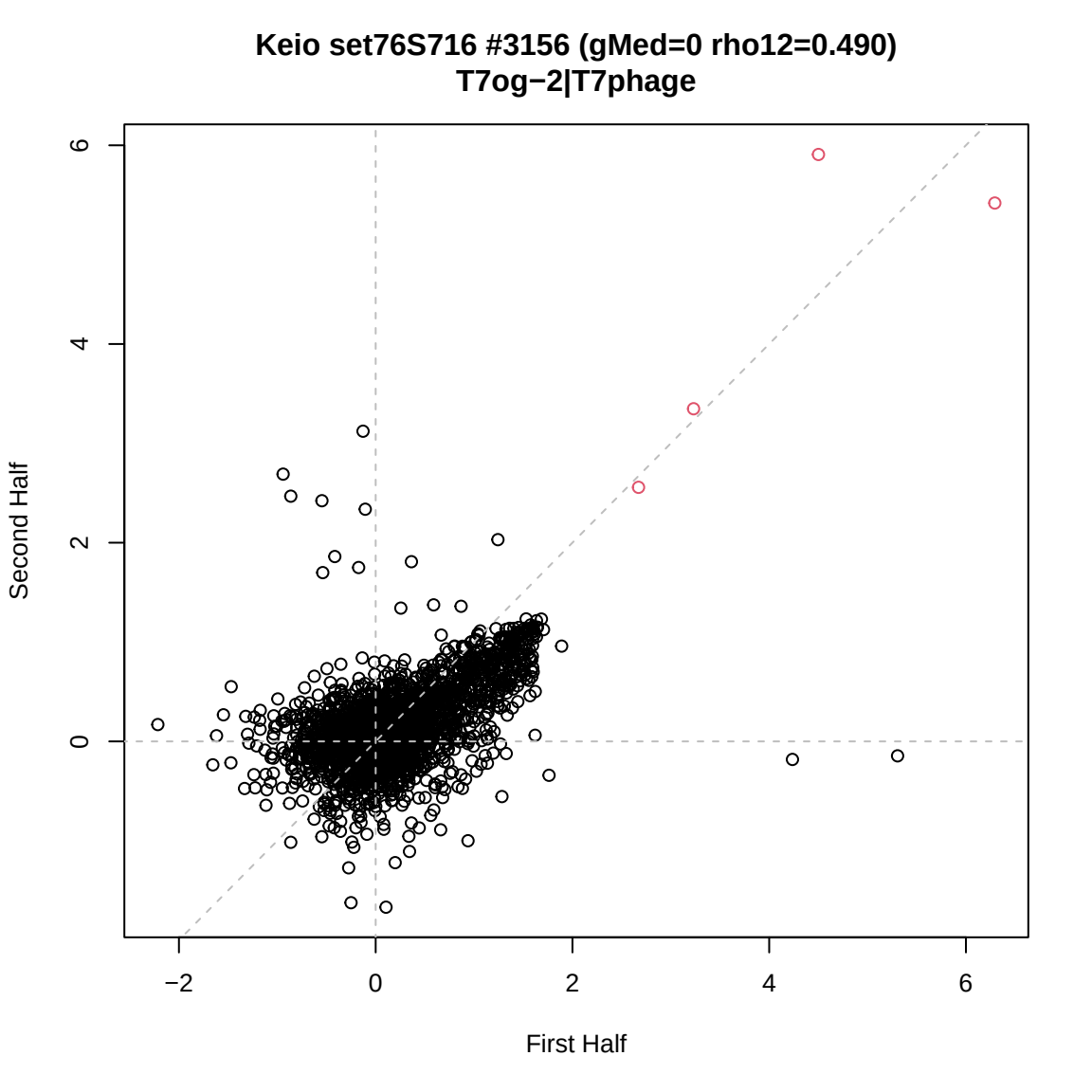

Keio set76S711 #3151 (gMed=0 rho12=0.386)
rfaG#5 −2|T7phage
Second Half
First Half
6
4
2
0
−2
−1
0
1
2
3
4

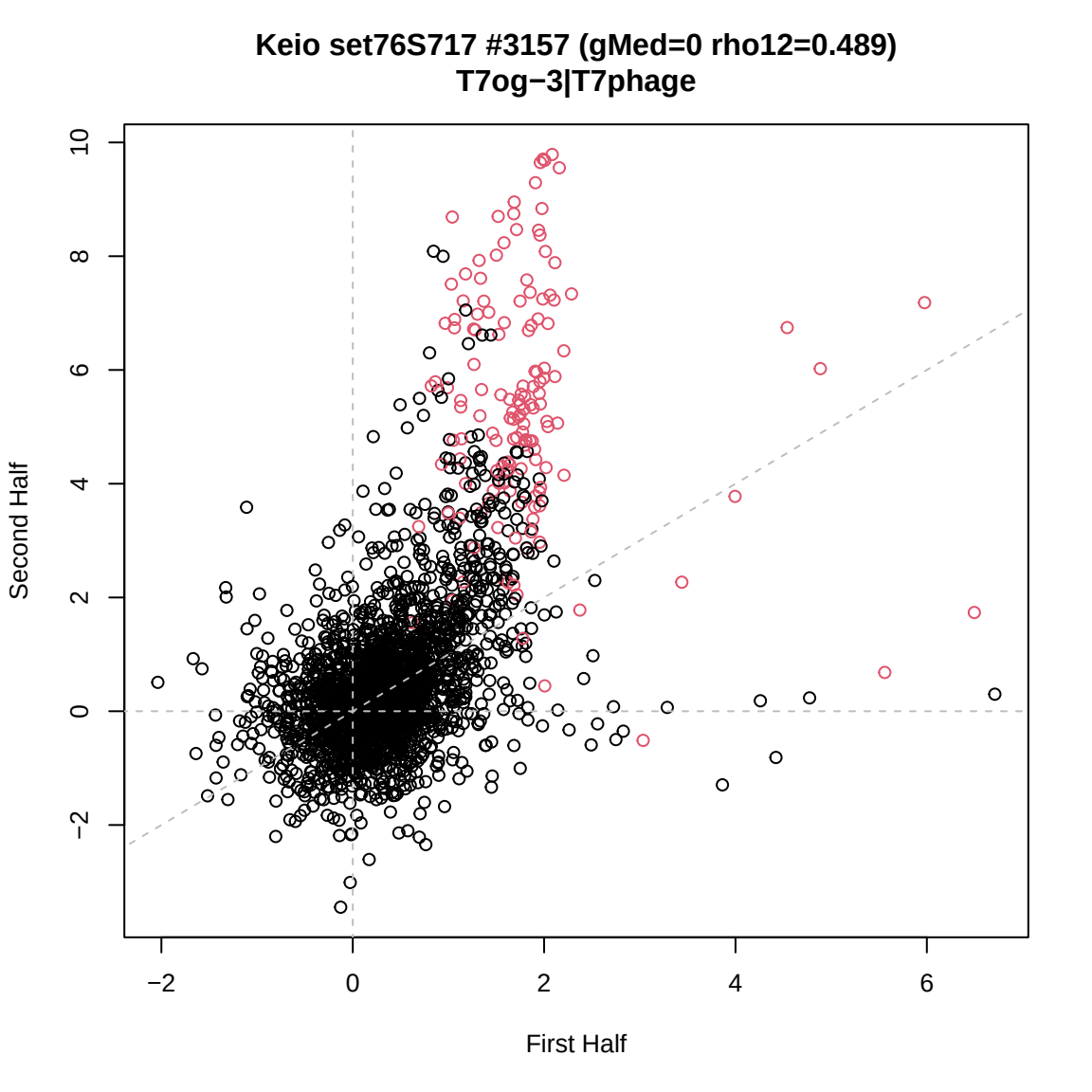

Keio set76S712 #3152 (gMed=0 rho12=0.421)
rfaG#5 −3|T7phage
Second Half
First Half
8
6
4
2
0
−2
−1
0
1
2
3
4

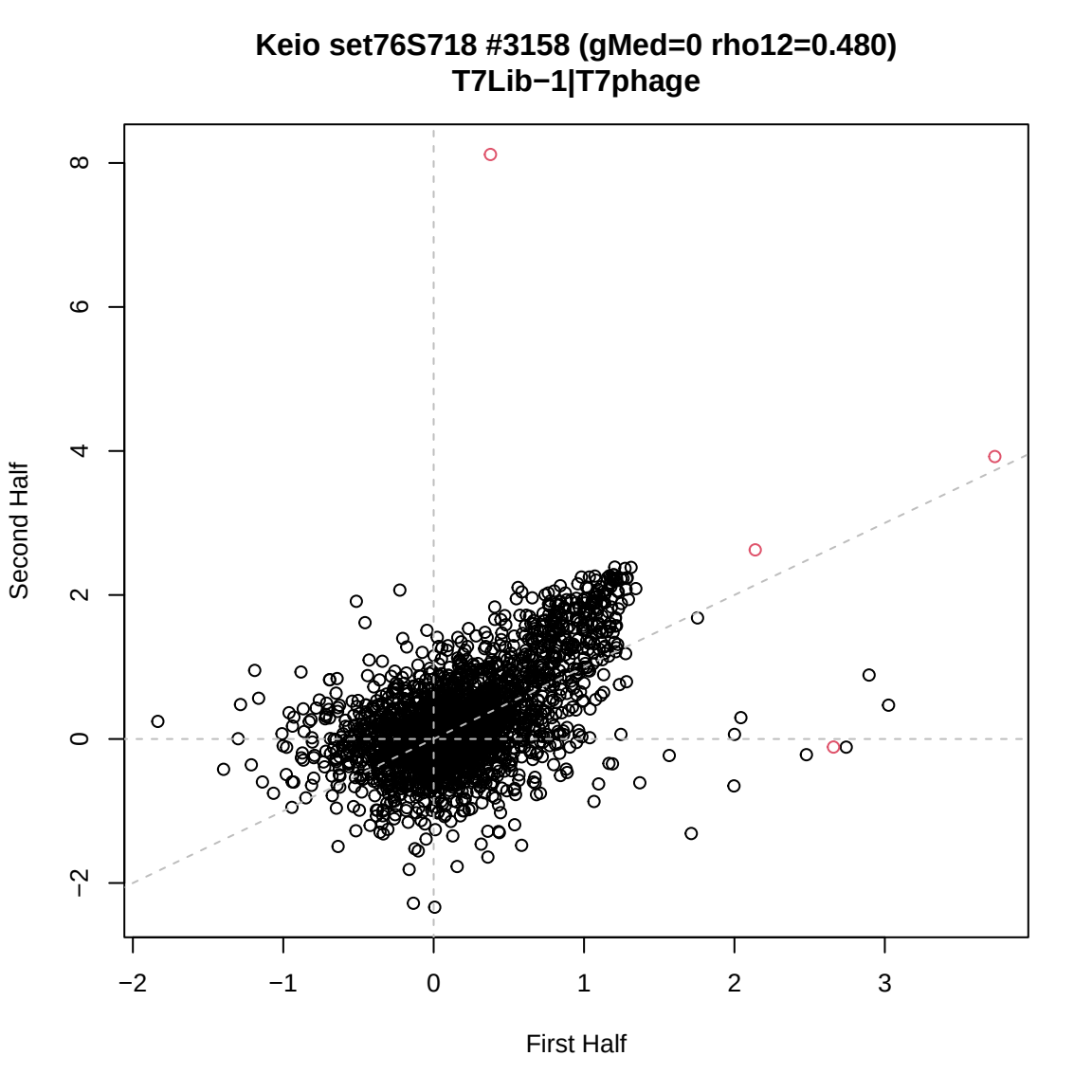

Keio set76S713 #3153 (gMed=0 rho12=0.325)
rfaG#5 −4|T7phage
Second Half
First Half
−2
0
2
4
6
8
10
−1
0
1
2
3
4

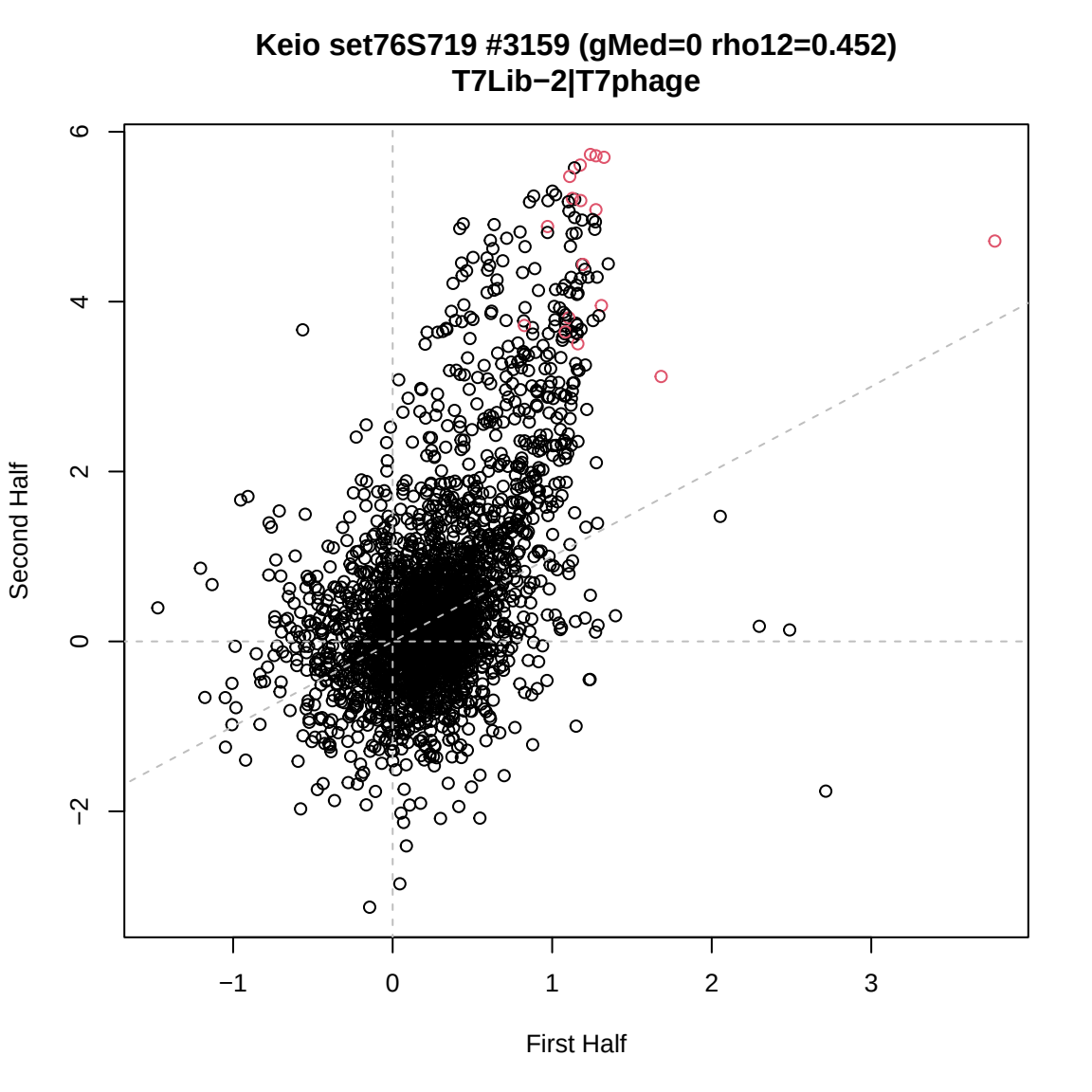

Keio set76S714 #3154 (gMed=232 rho12=0.107)
NoPhageControl|T7phage
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

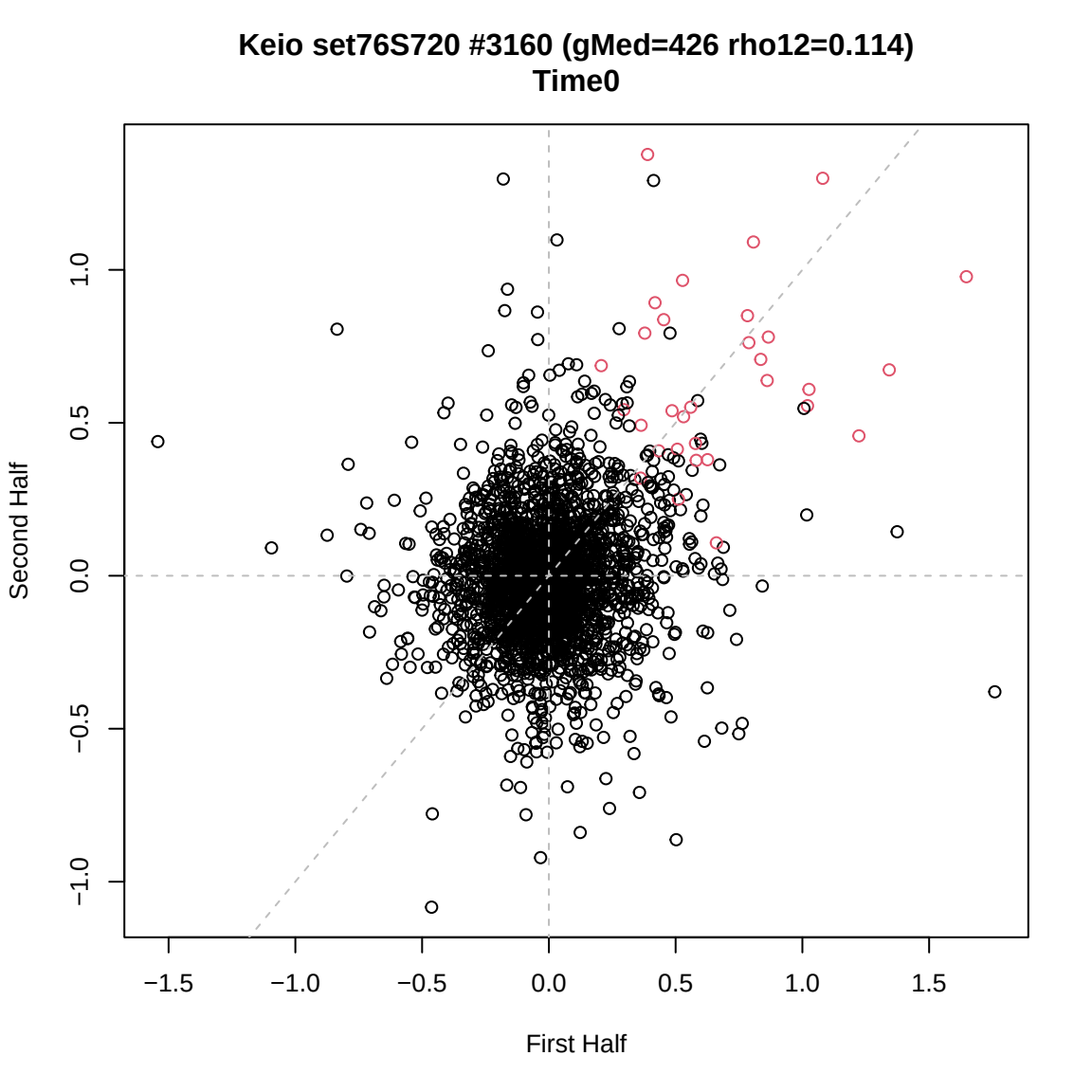

Keio set76S715 #3155 (gMed=230 rho12=0.157)
NoPhageControl|T7phage
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

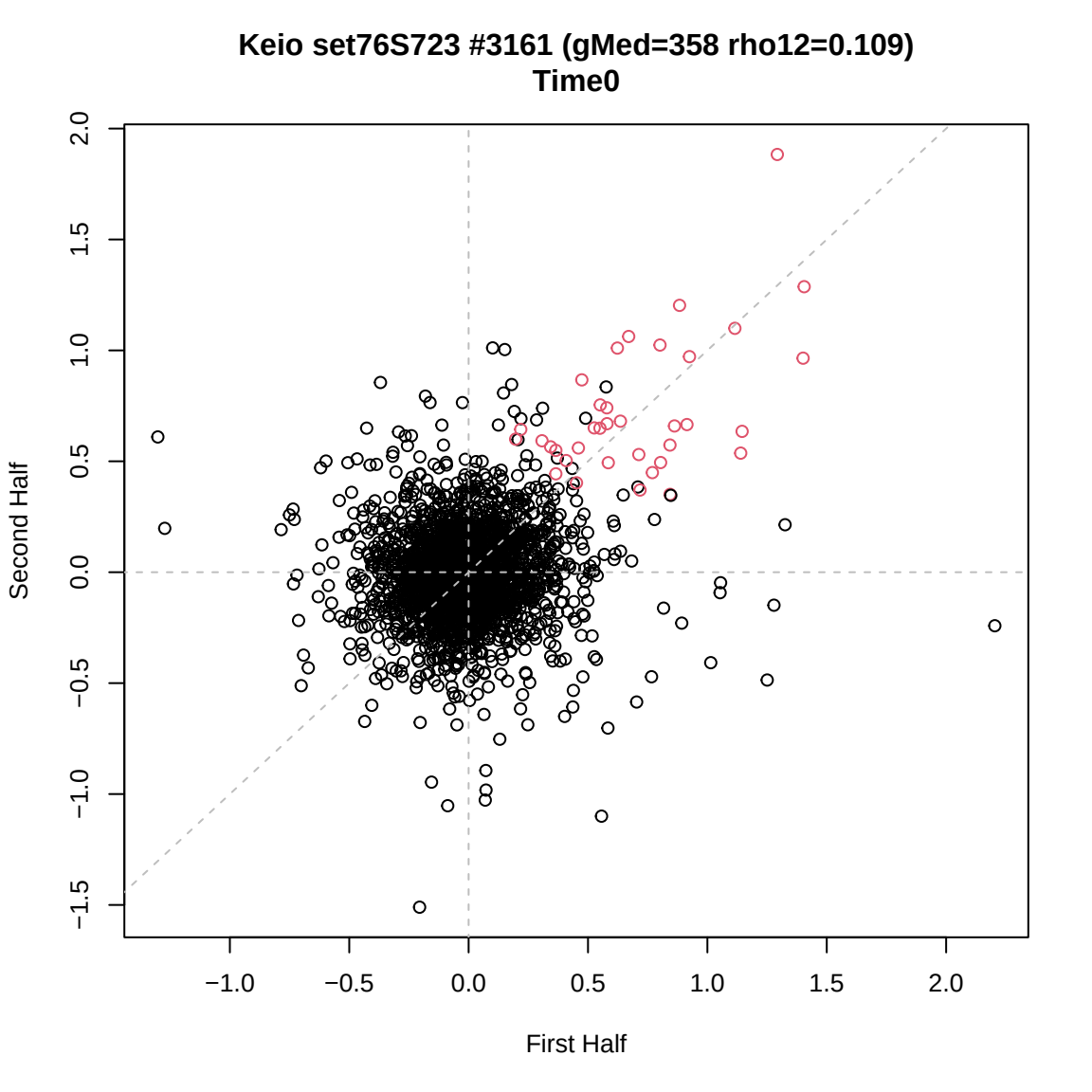

Keio set76S716 #3156 (gMed=0 rho12=0.490)
T7og−2|T7phage
Second Half
First Half
6
4
2
0
−2
0
2
4
6

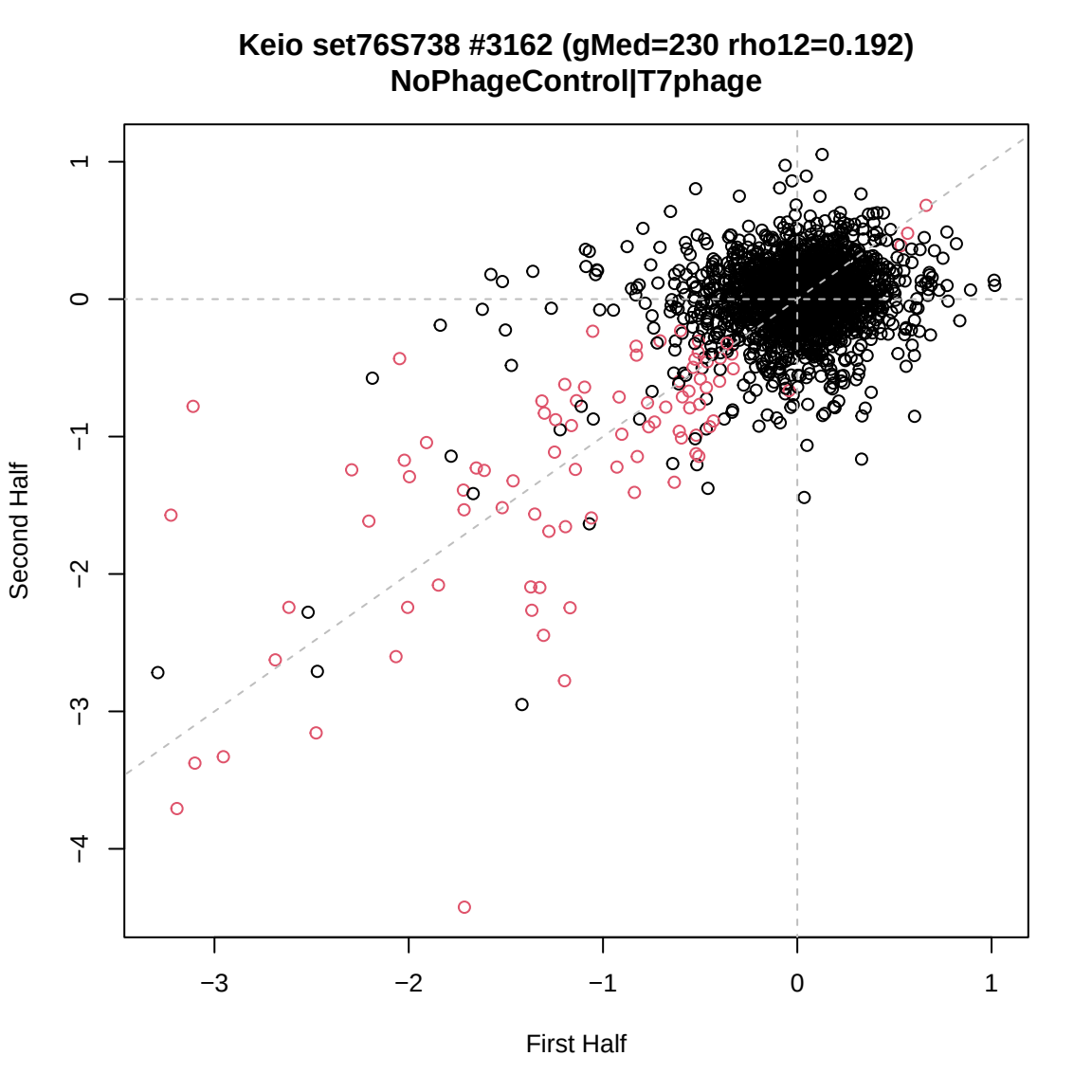

Keio set76S717 #3157 (gMed=0 rho12=0.489)
T7og−3|T7phage
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6

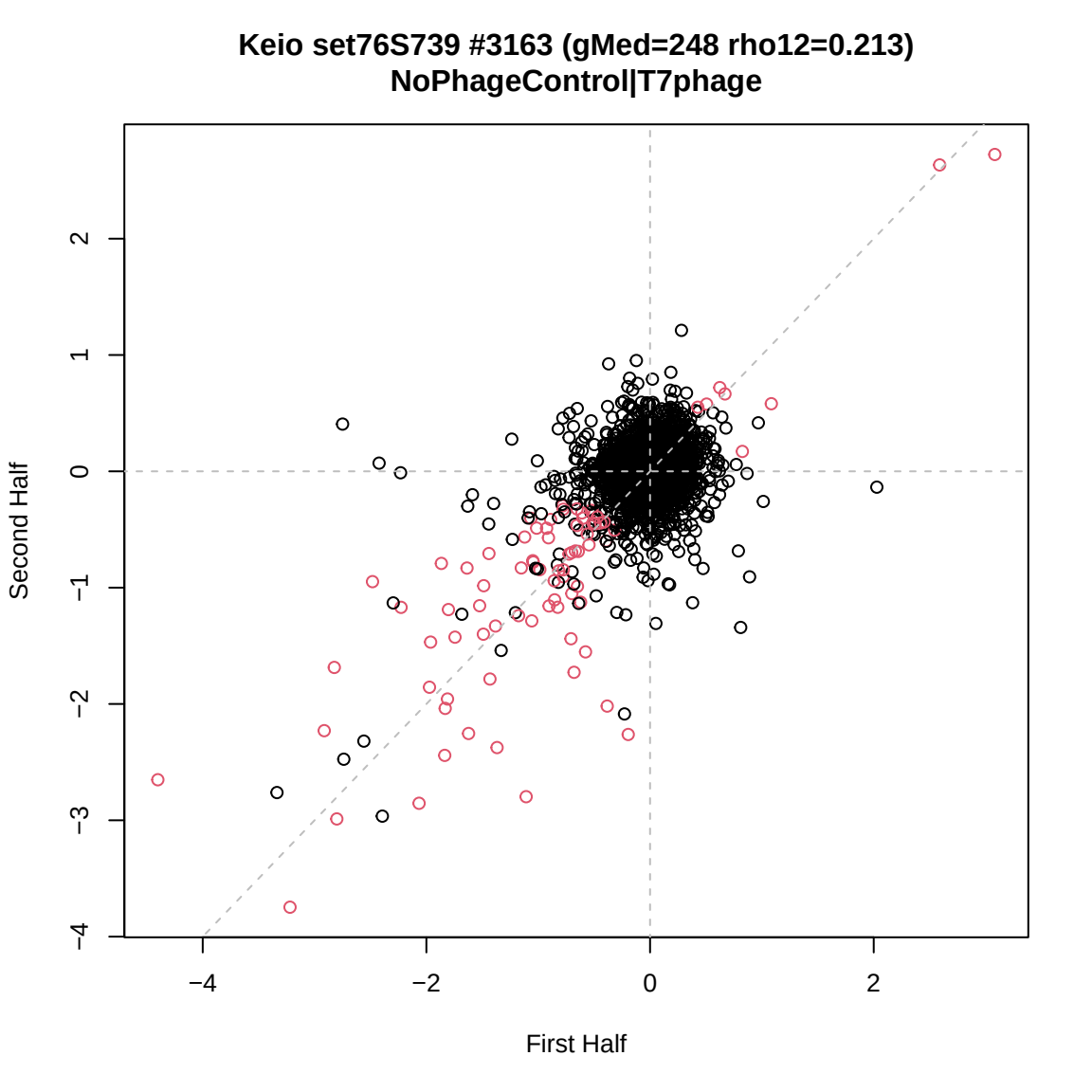

Keio set76S718 #3158 (gMed=0 rho12=0.480)
T7Lib−1|T7phage
Second Half
First Half
8
6
4
2
0
−2
−2
−1
0
1
2
3

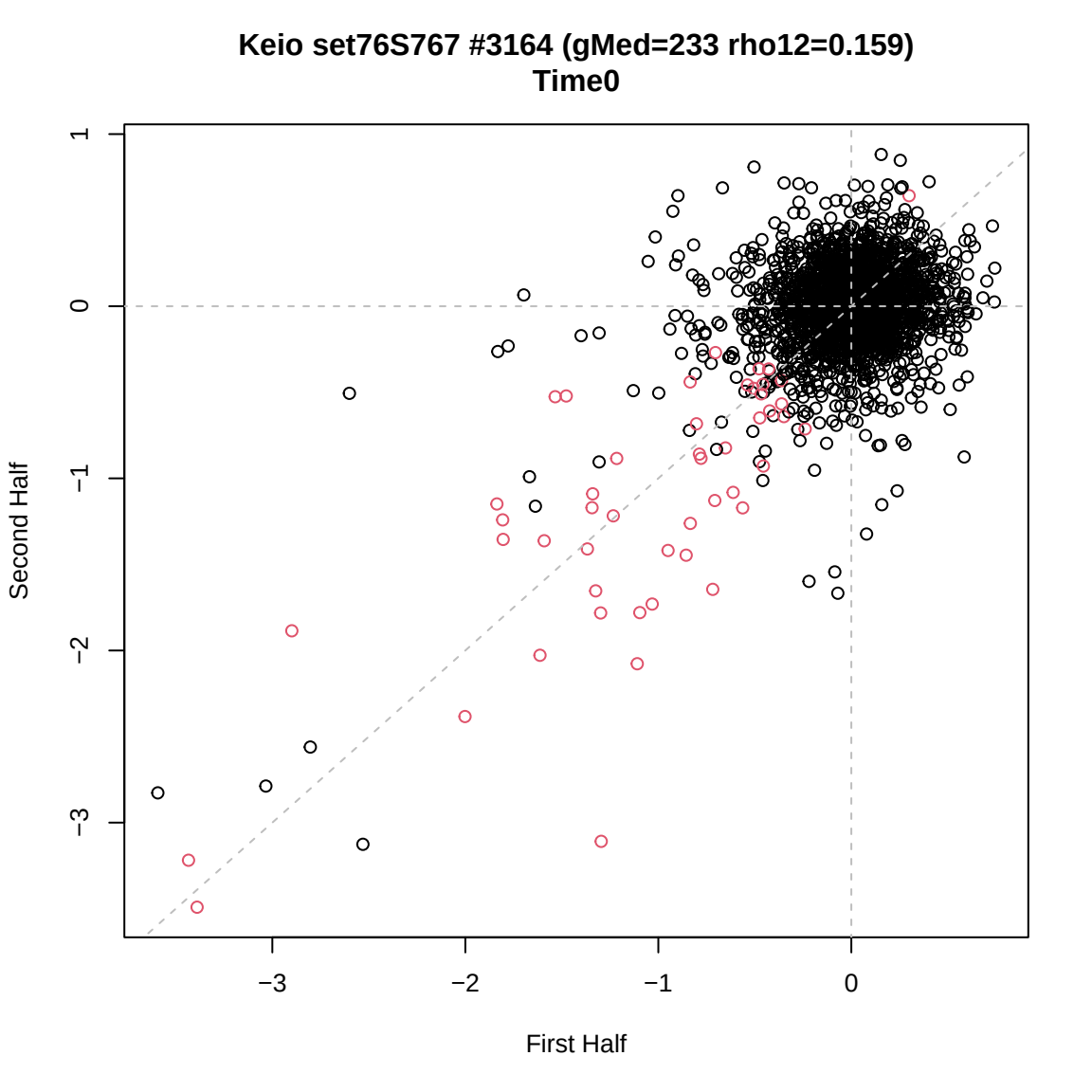

Keio set76S719 #3159 (gMed=0 rho12=0.452)
T7Lib−2|T7phage
Second Half
First Half
6
4
2
0
−2
−1
0
1
2
3

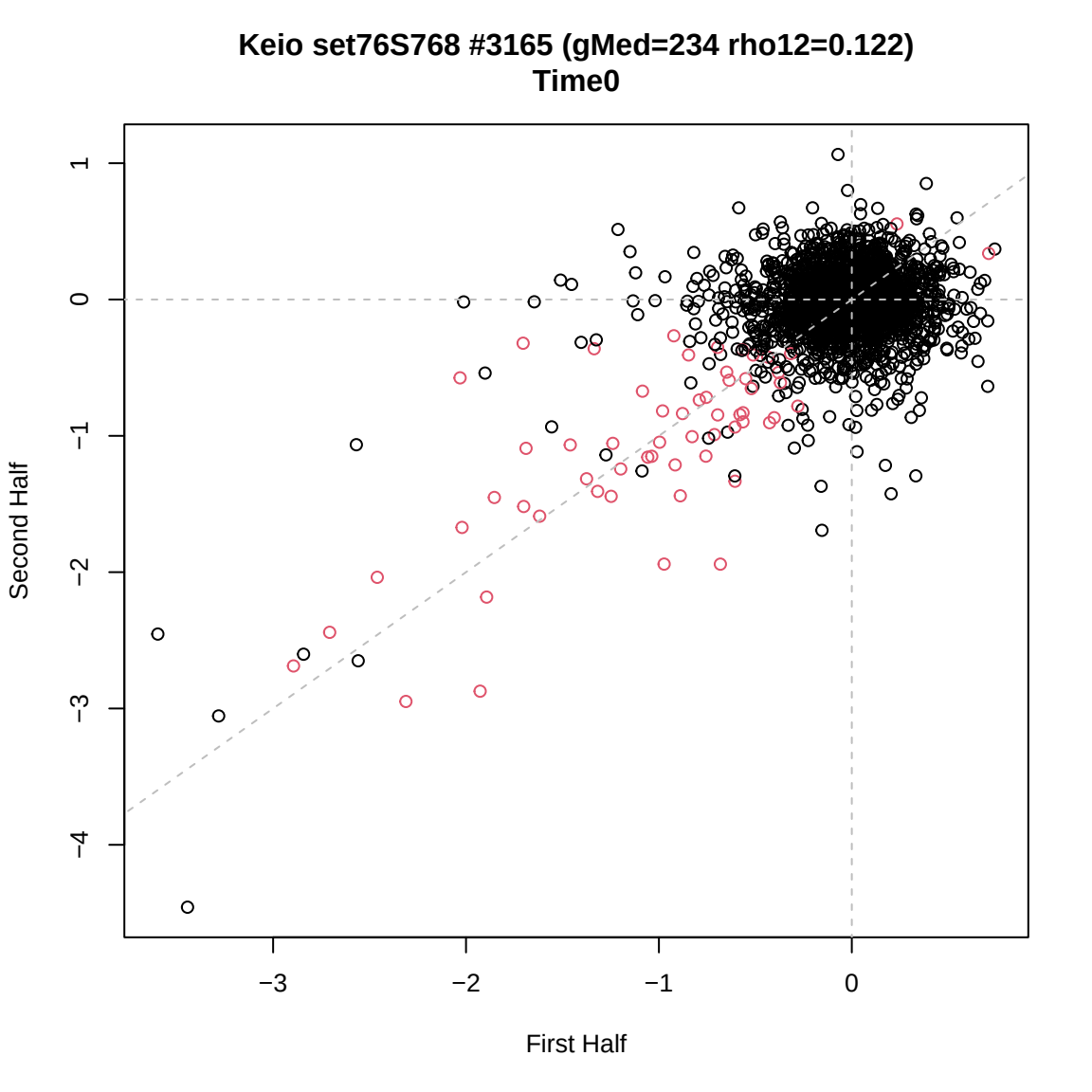

Keio set76S720 #3160 (gMed=426 rho12=0.114)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

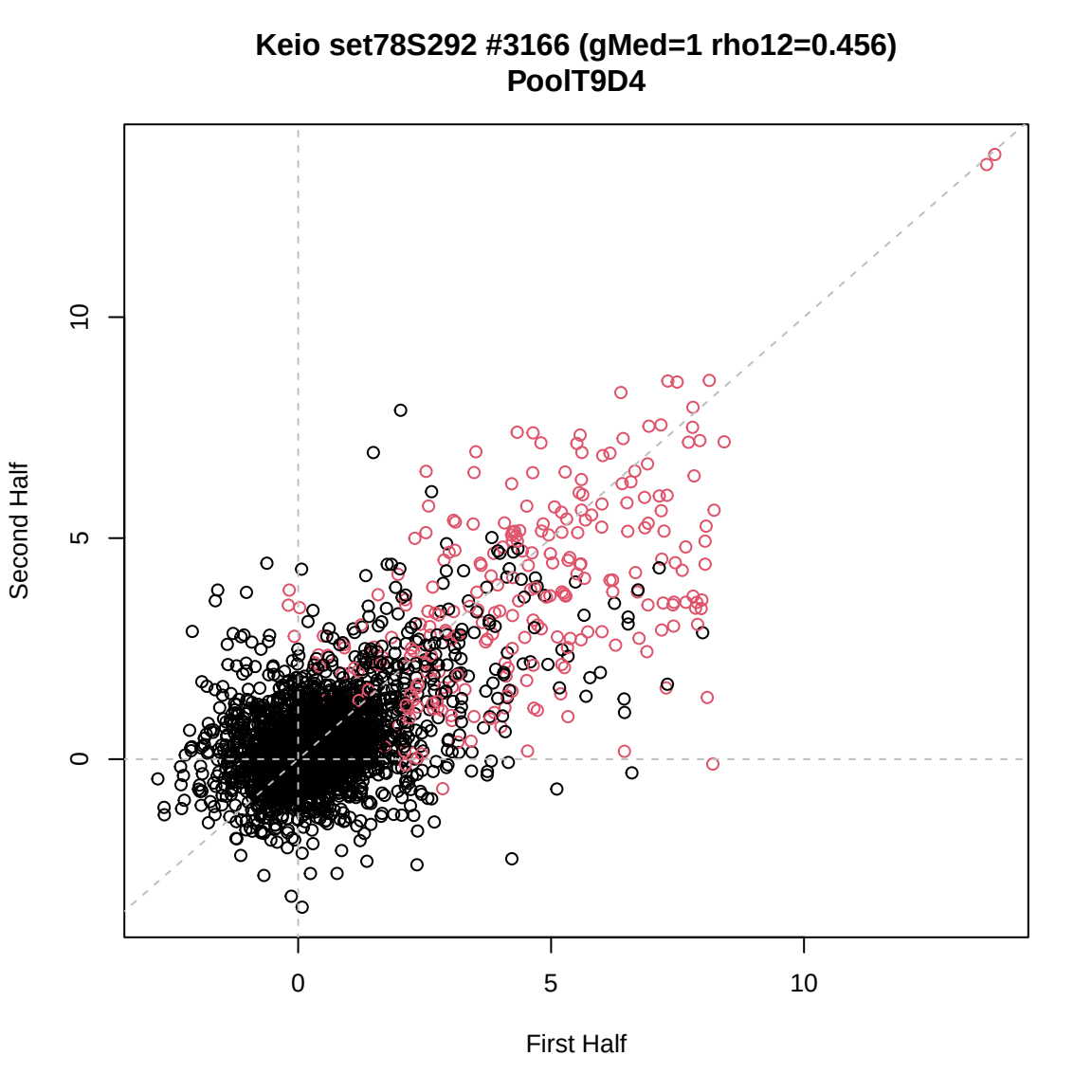

Keio set76S723 #3161 (gMed=358 rho12=0.109)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

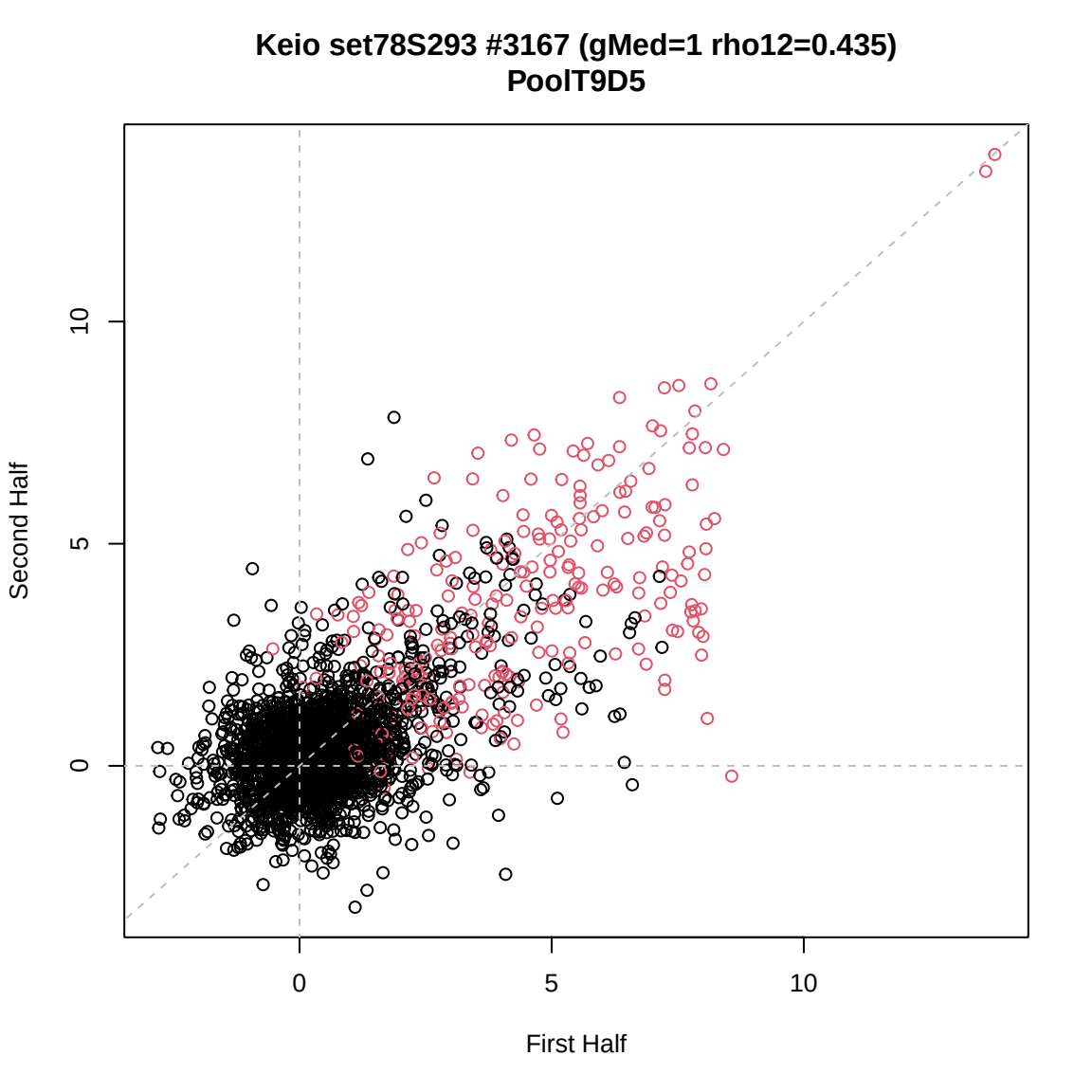

Keio set76S738 #3162 (gMed=230 rho12=0.192)
NoPhageControl|T7phage
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

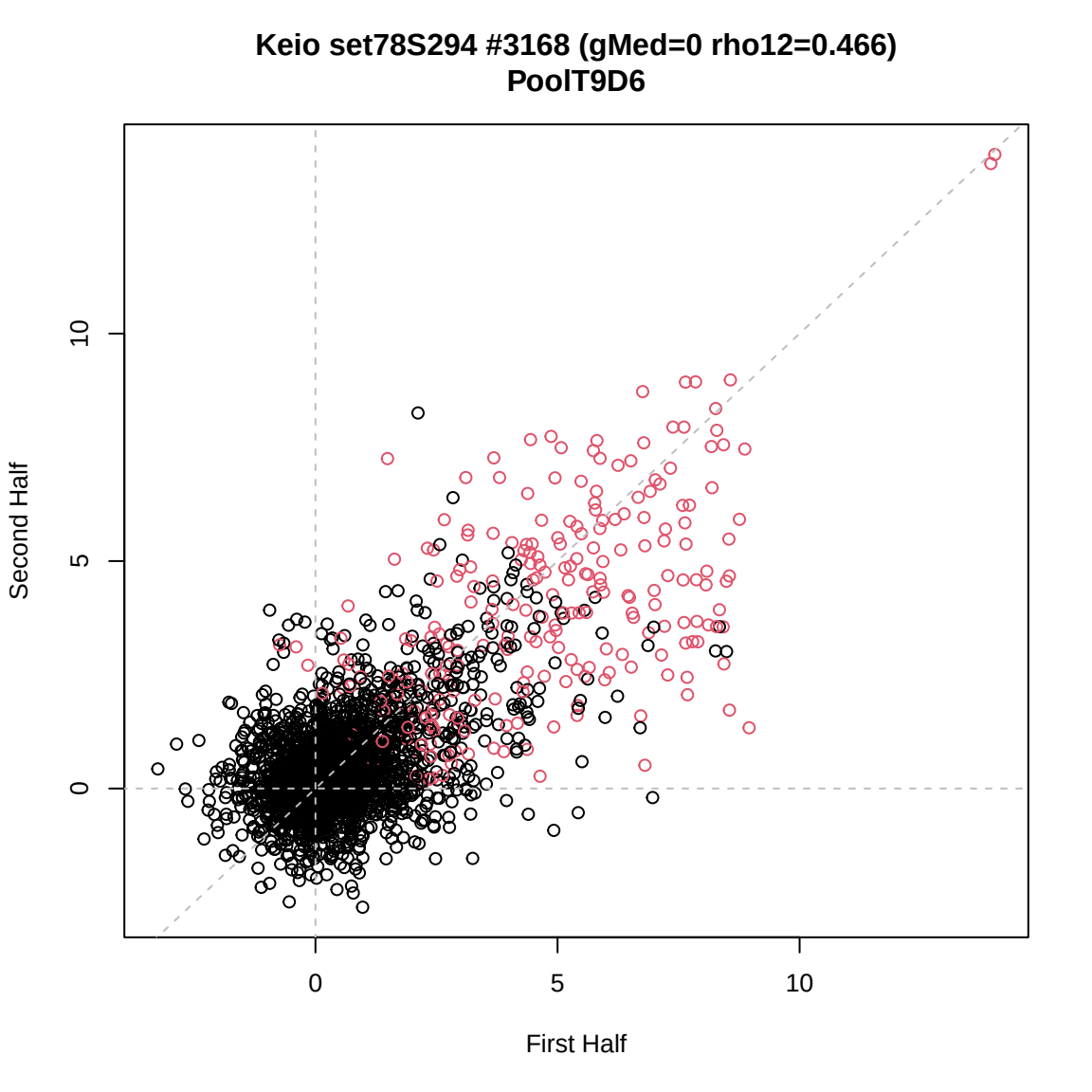

Keio set76S739 #3163 (gMed=248 rho12=0.213)
NoPhageControl|T7phage
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−2
0
2

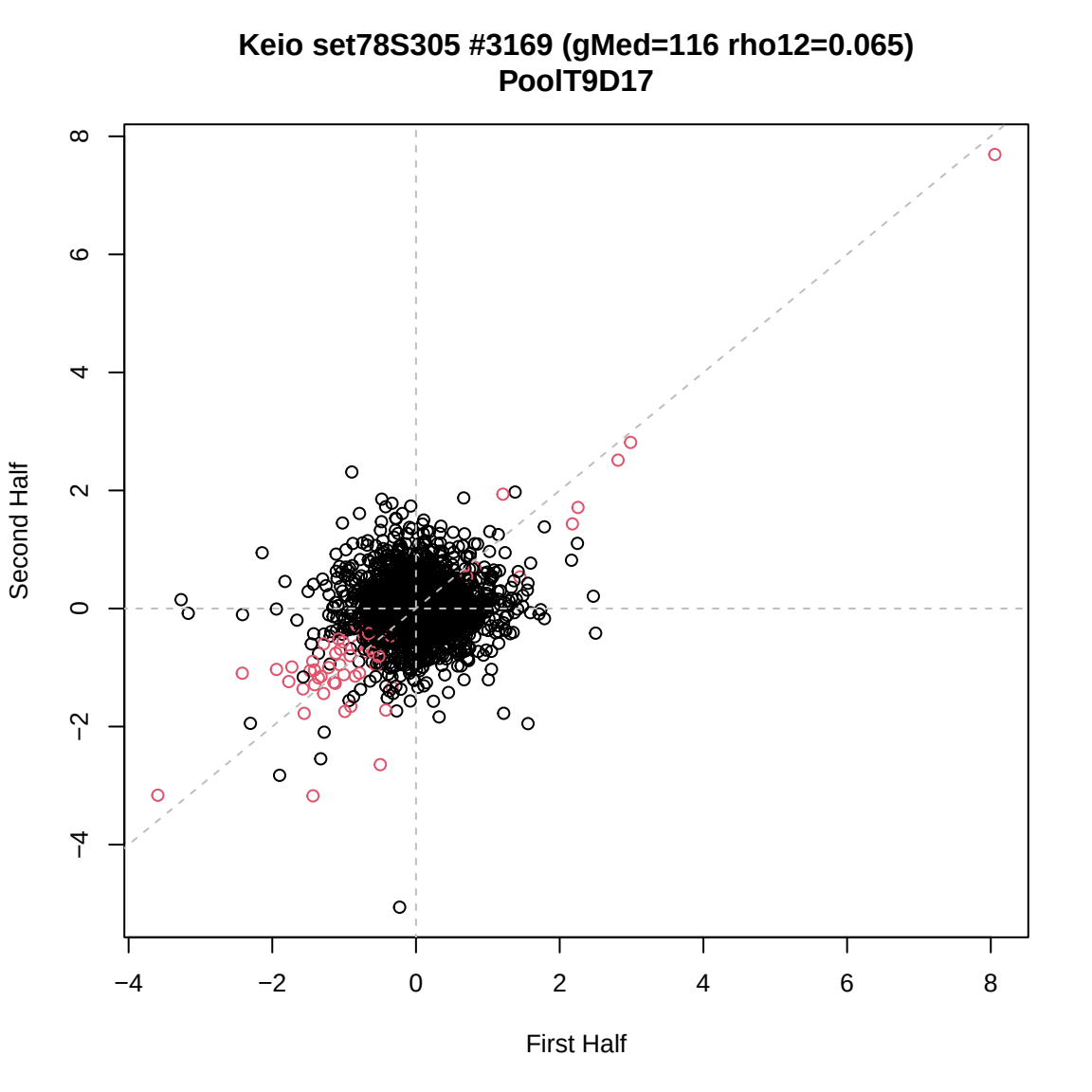

Keio set76S767 #3164 (gMed=233 rho12=0.159)
Time0
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0

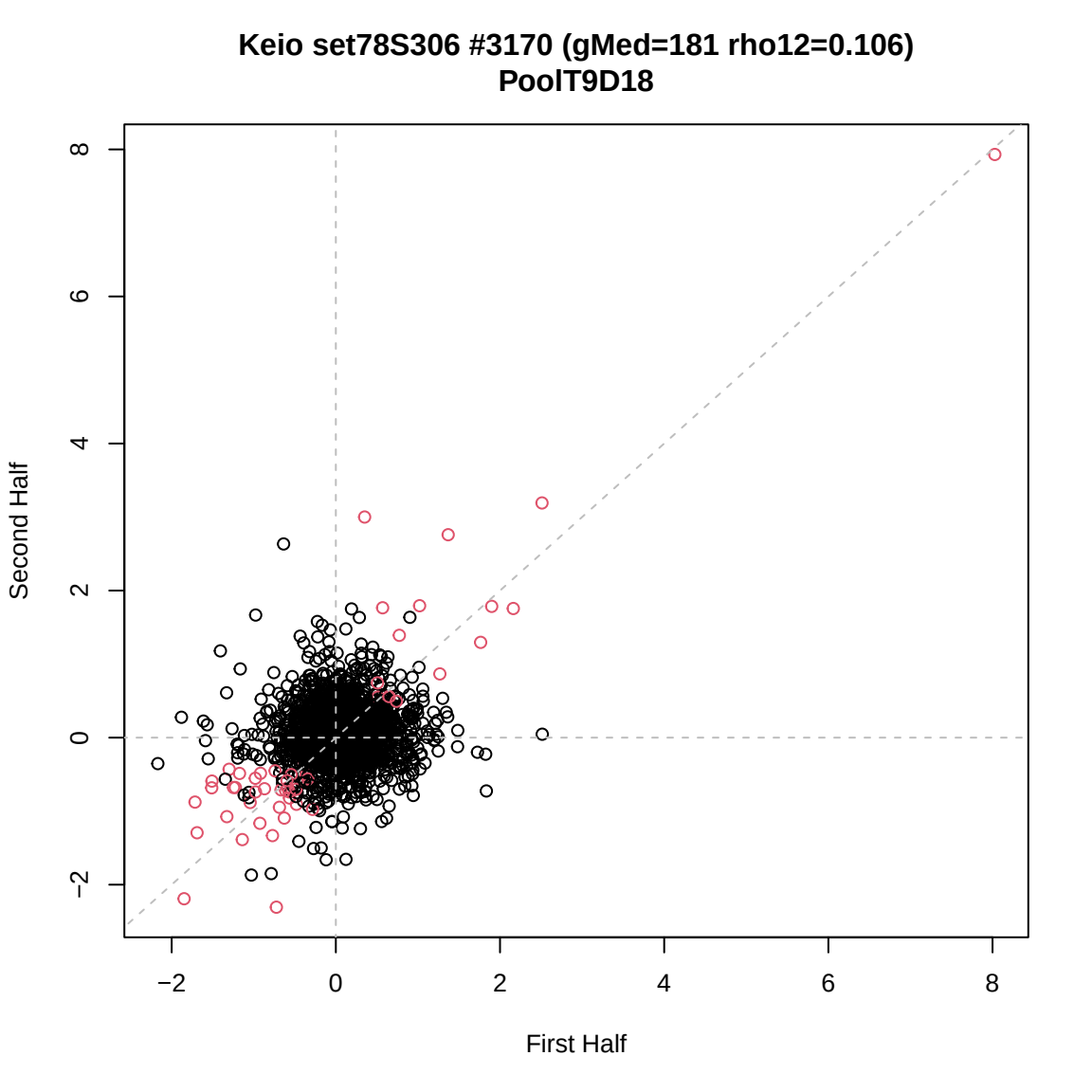

Keio set76S768 #3165 (gMed=234 rho12=0.122)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0

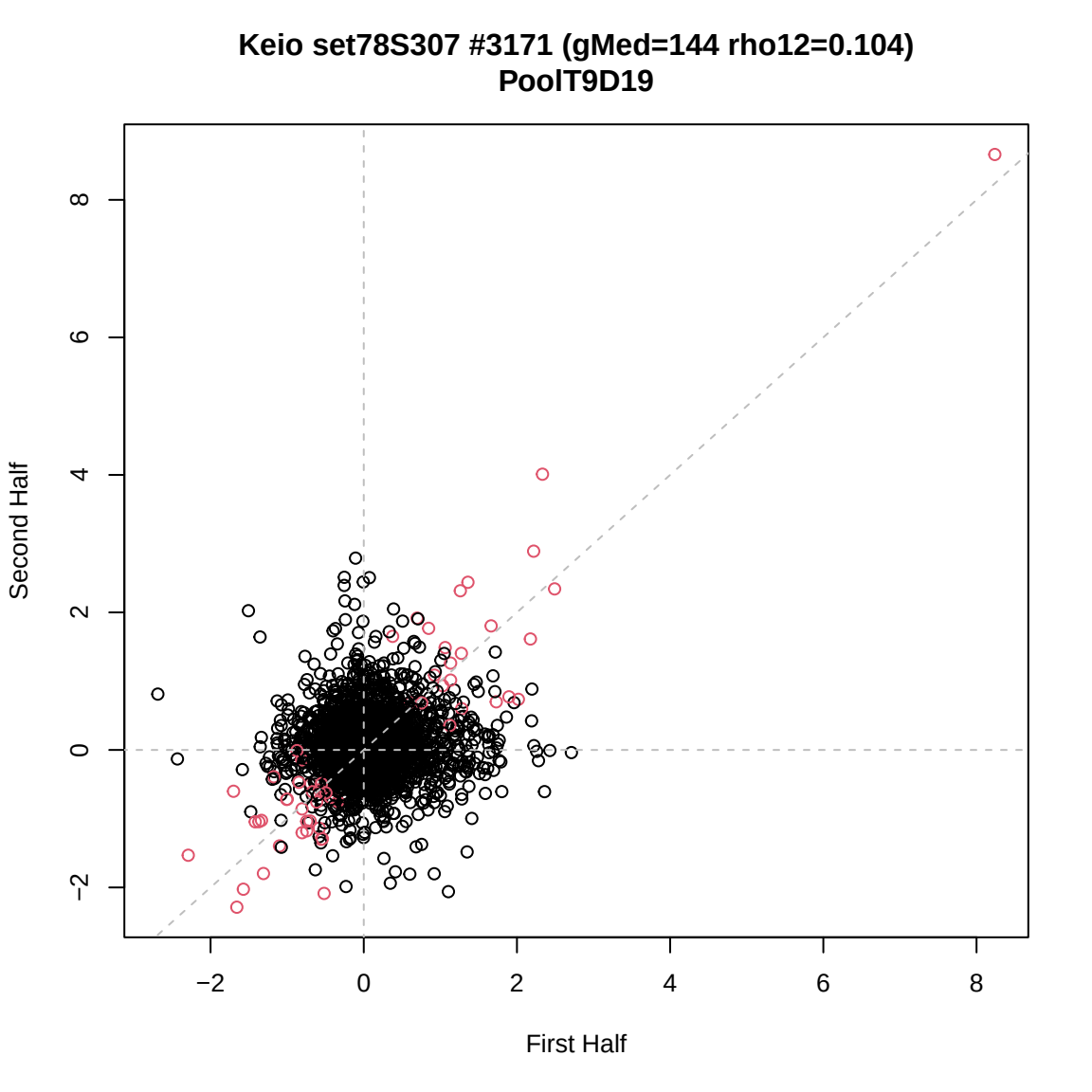

Keio set78S292 #3166 (gMed=1 rho12=0.456)
PoolT9D4
Second Half
First Half
0
5
10
0
5
10

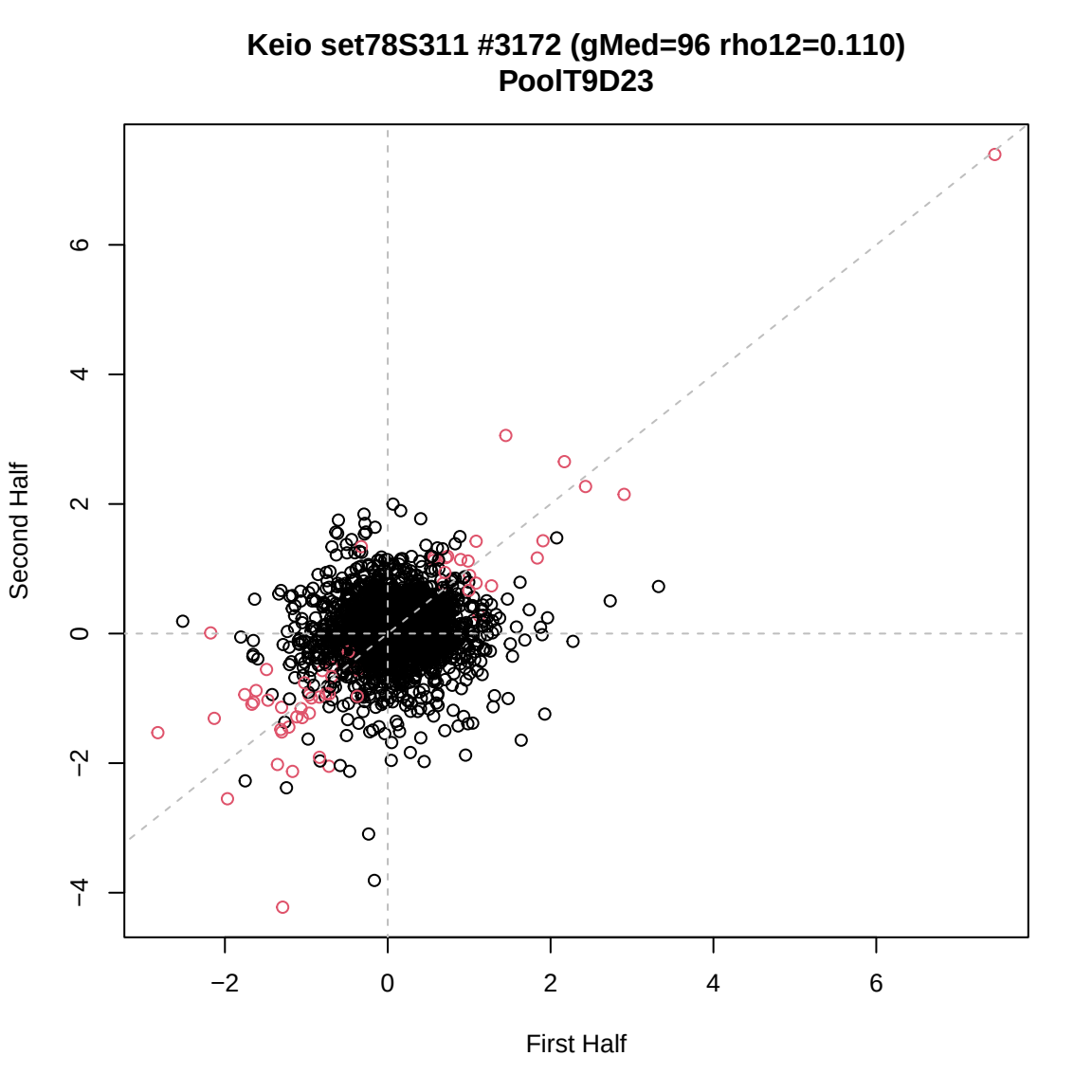

Keio set78S293 #3167 (gMed=1 rho12=0.435)
PoolT9D5
Second Half
First Half
0
5
10
0
5
10

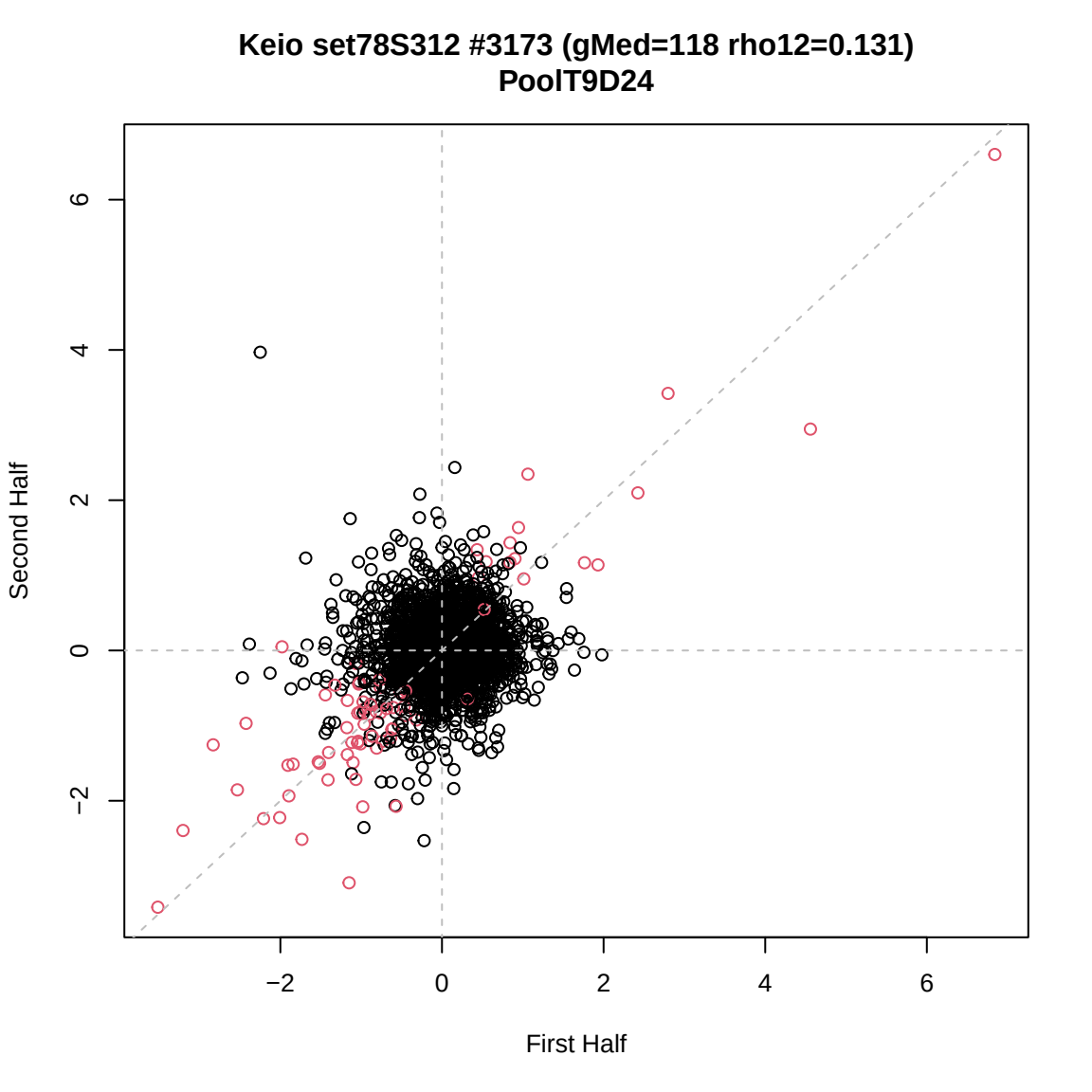

Keio set78S294 #3168 (gMed=0 rho12=0.466)
PoolT9D6
Second Half
First Half
0
5
10
0
5
10

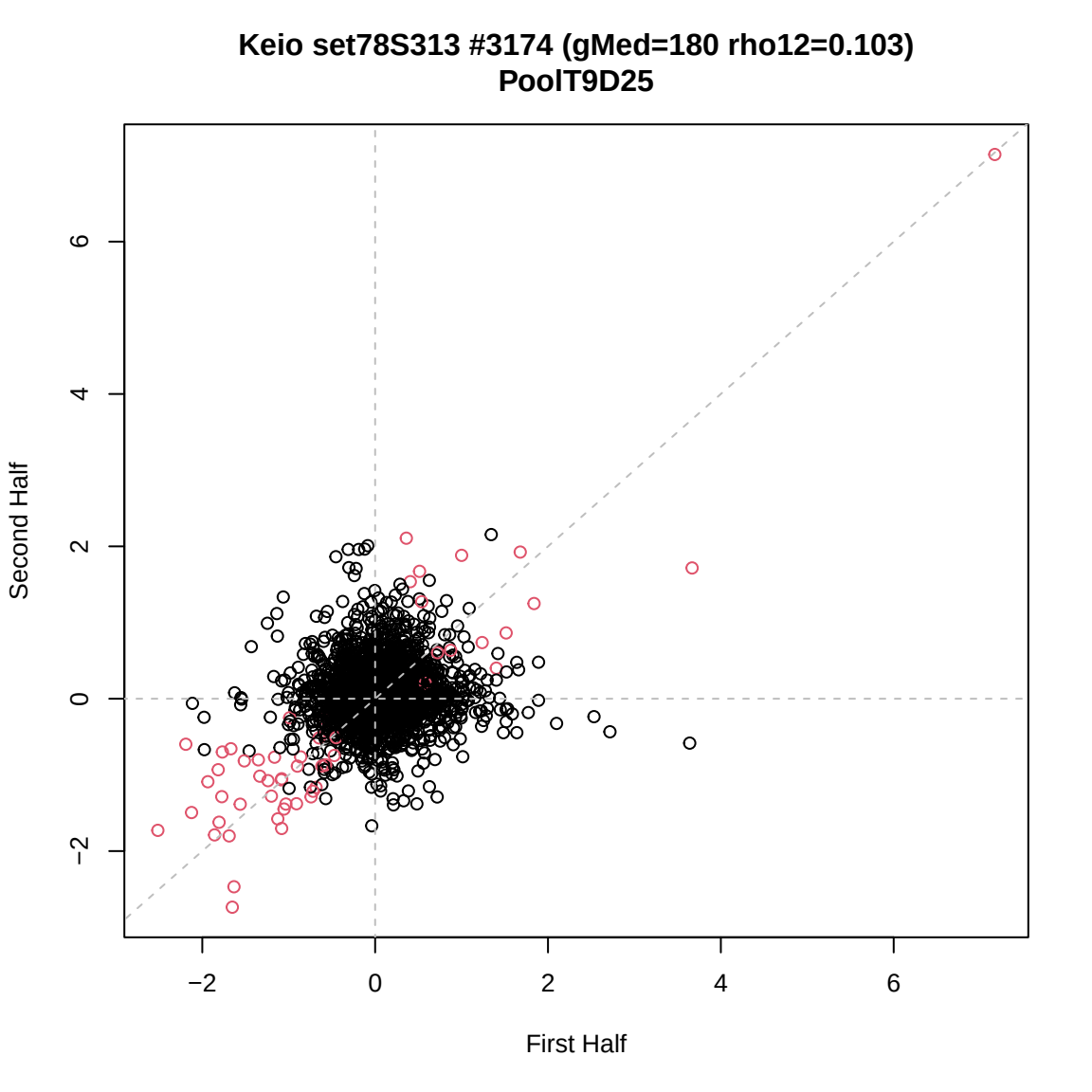

Keio set78S305 #3169 (gMed=116 rho12=0.065)
PoolT9D17
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6
8

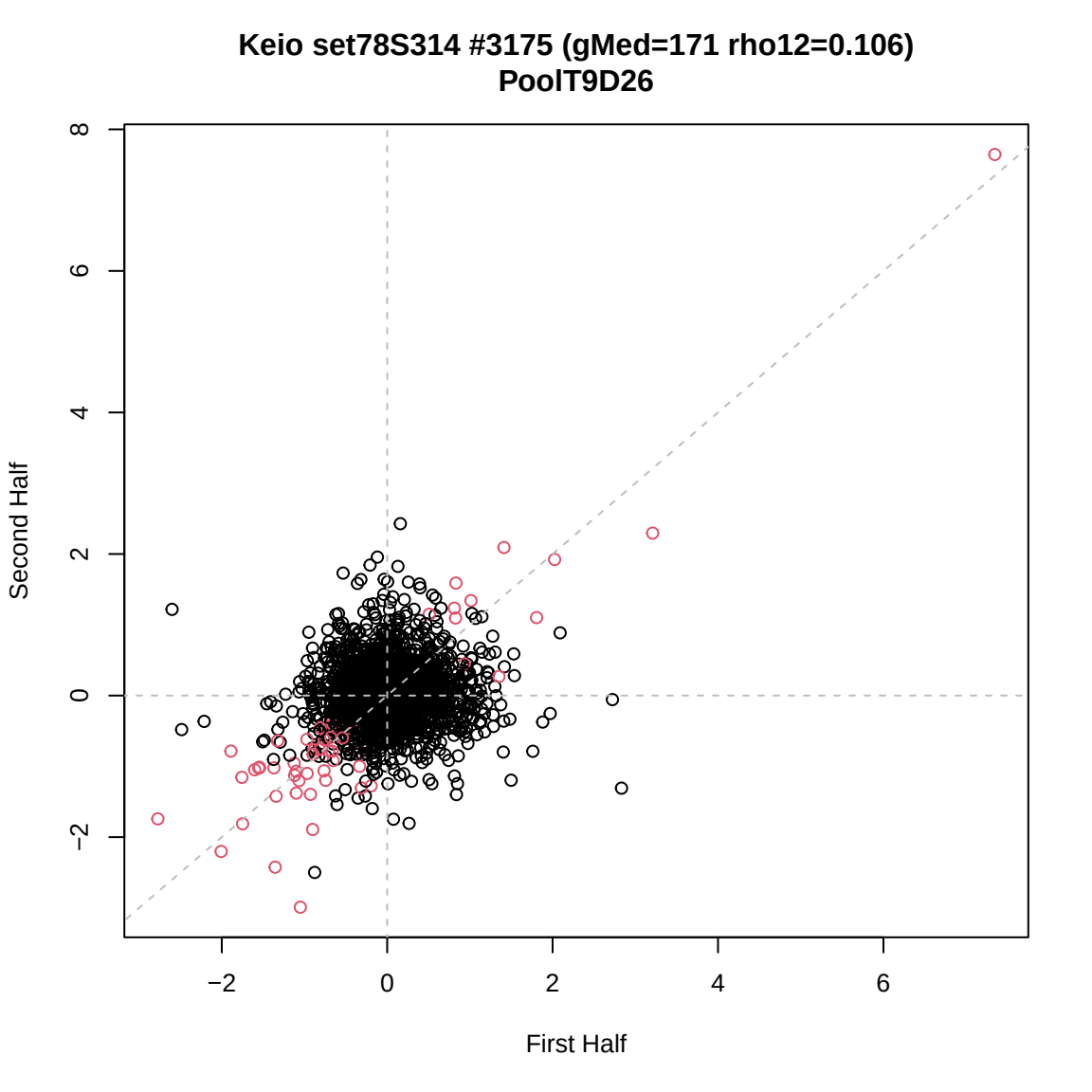

Keio set78S306 #3170 (gMed=181 rho12=0.106)
PoolT9D18
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

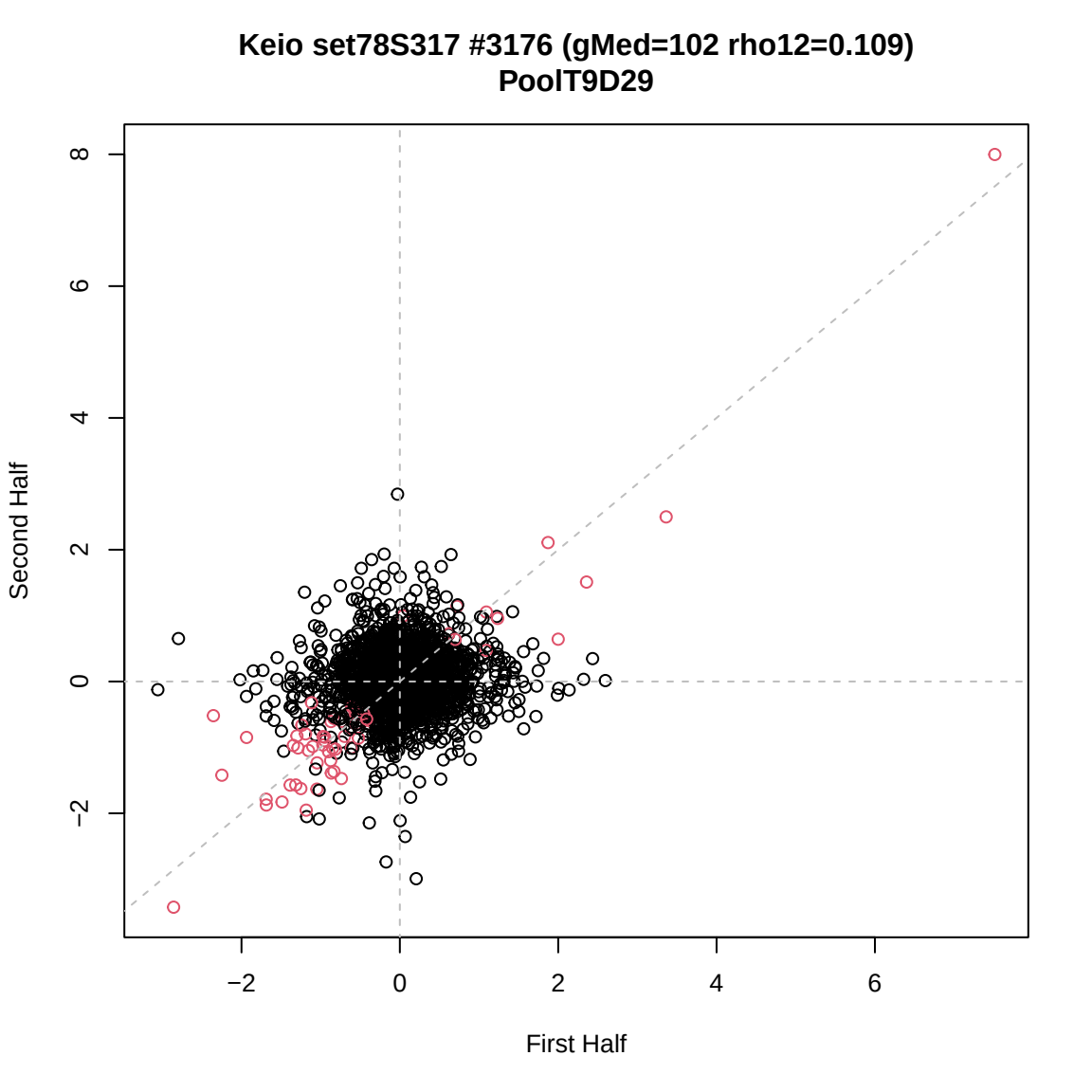

Keio set78S307 #3171 (gMed=144 rho12=0.104)
PoolT9D19
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

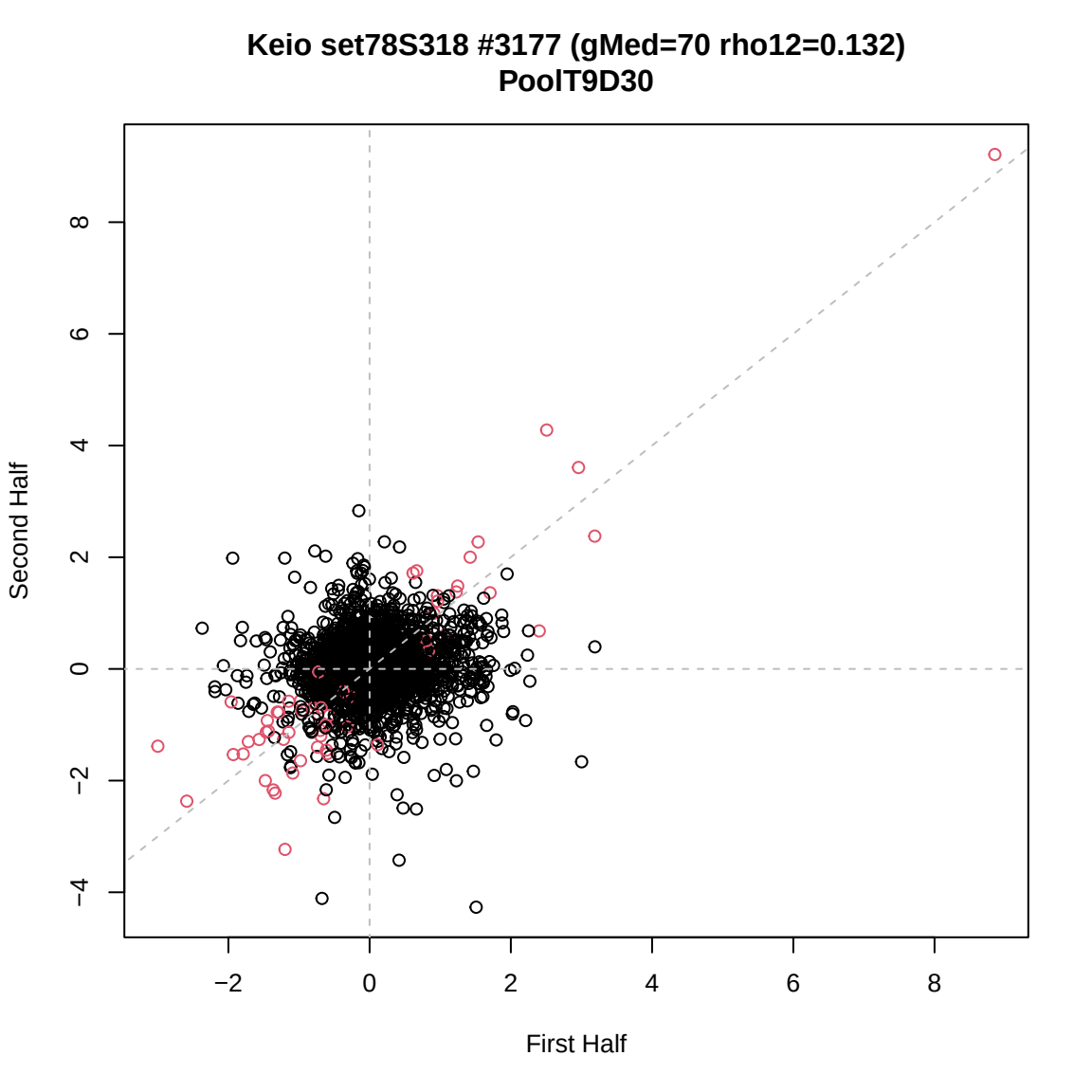

Keio set78S311 #3172 (gMed=96 rho12=0.110)
PoolT9D23
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

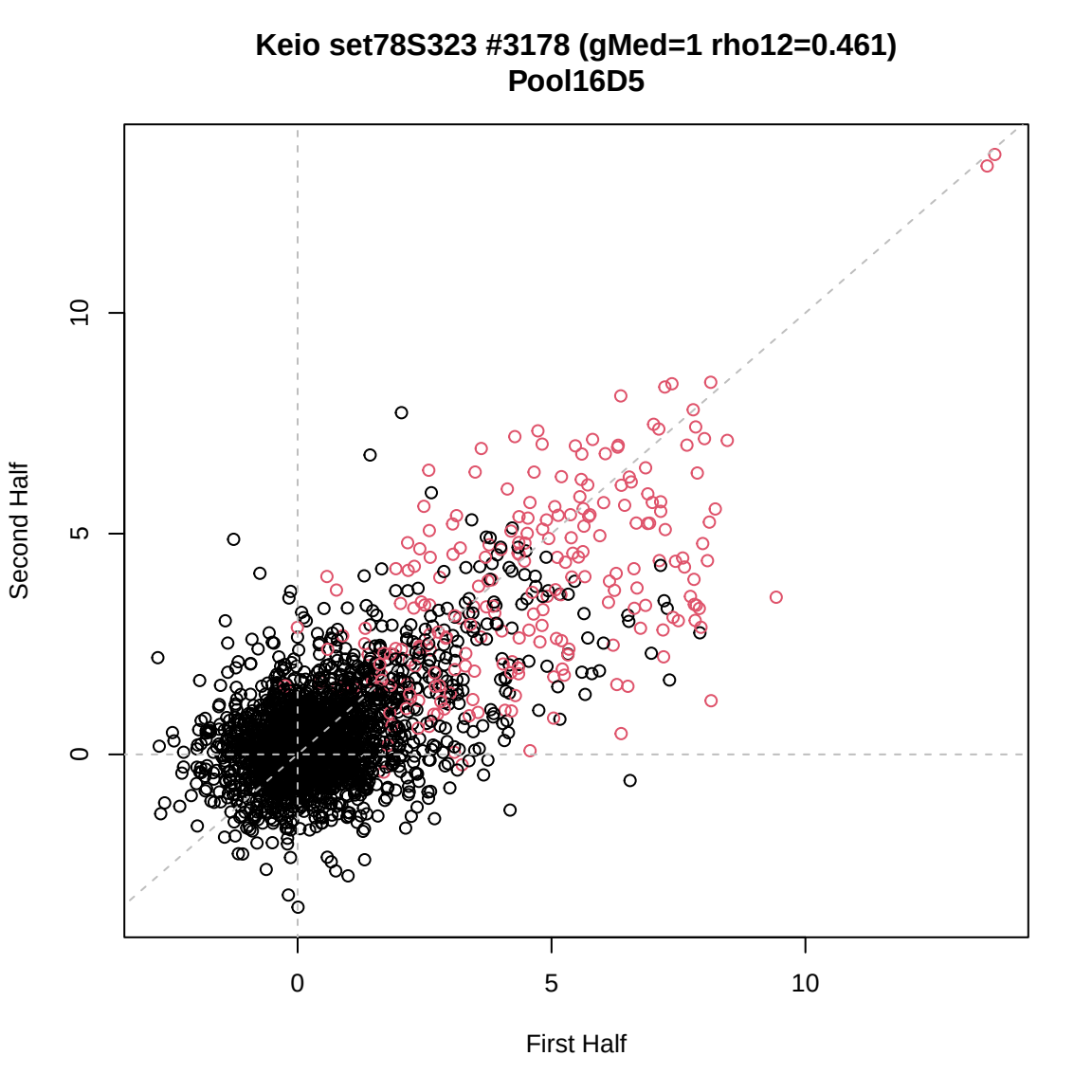

Keio set78S312 #3173 (gMed=118 rho12=0.131)
PoolT9D24
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

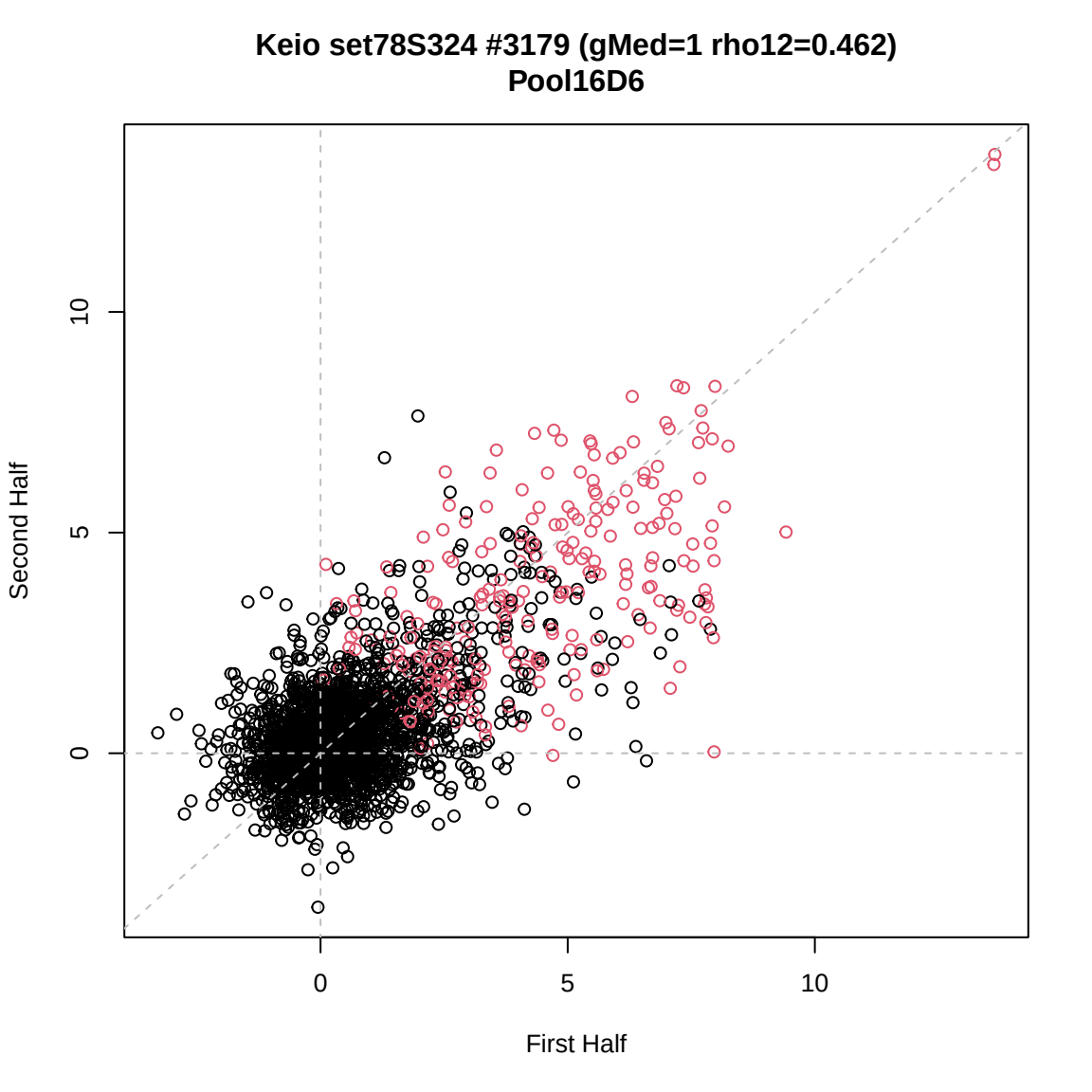

Keio set78S313 #3174 (gMed=180 rho12=0.103)
PoolT9D25
Second Half
First Half
−2
0
2
4
6

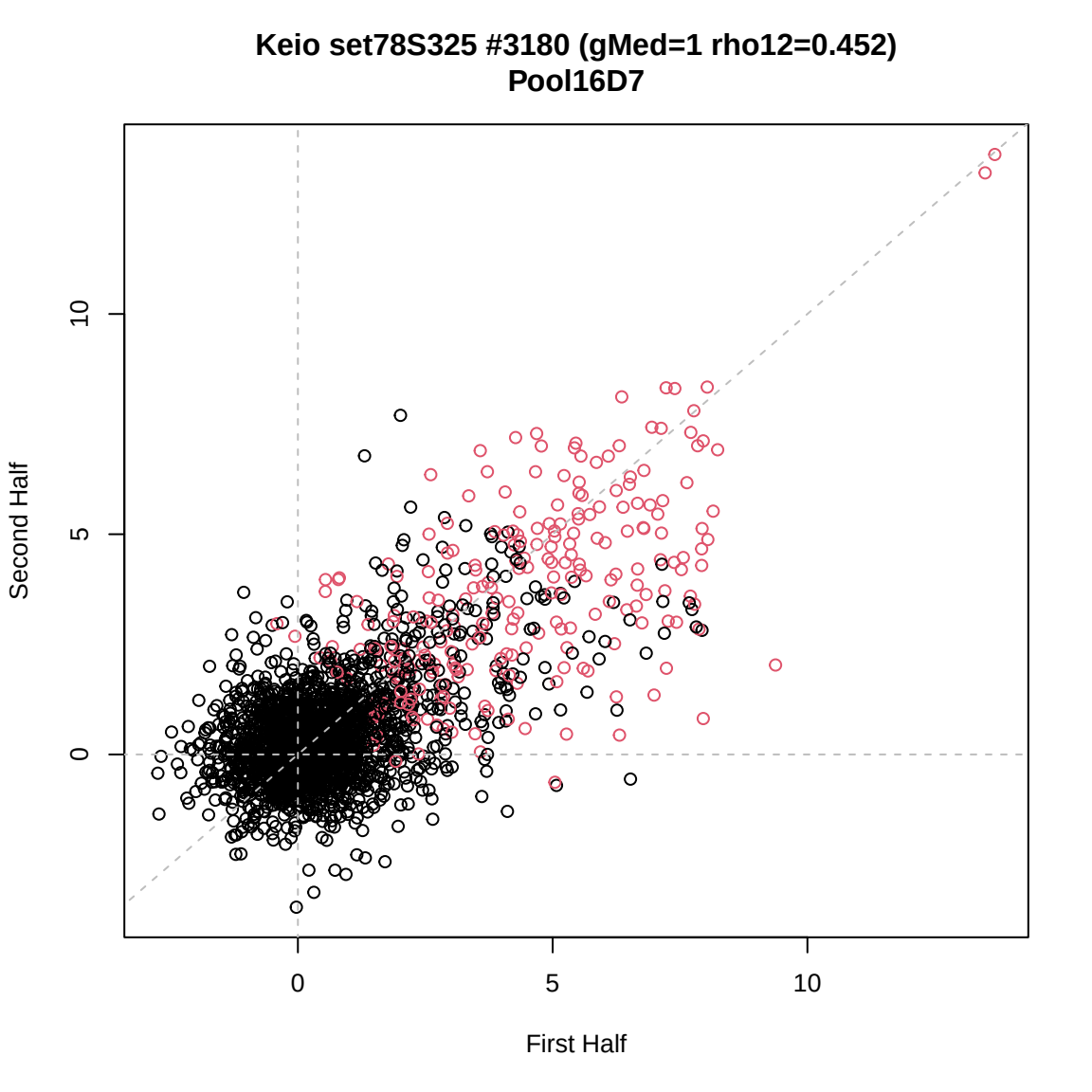

Keio set78S314 #3175 (gMed=171 rho12=0.106)
PoolT9D26
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6

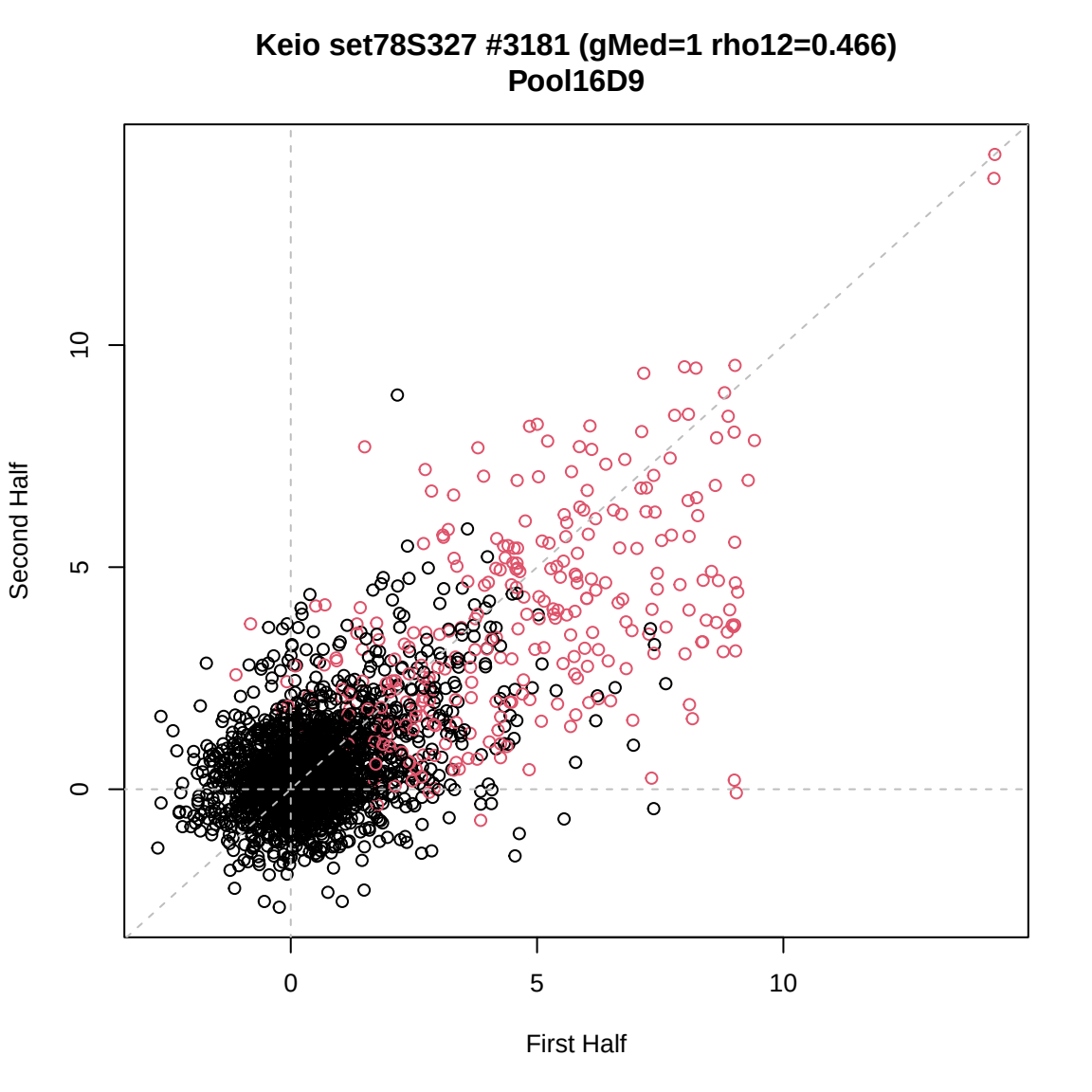

Keio set78S317 #3176 (gMed=102 rho12=0.109)
PoolT9D29
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6

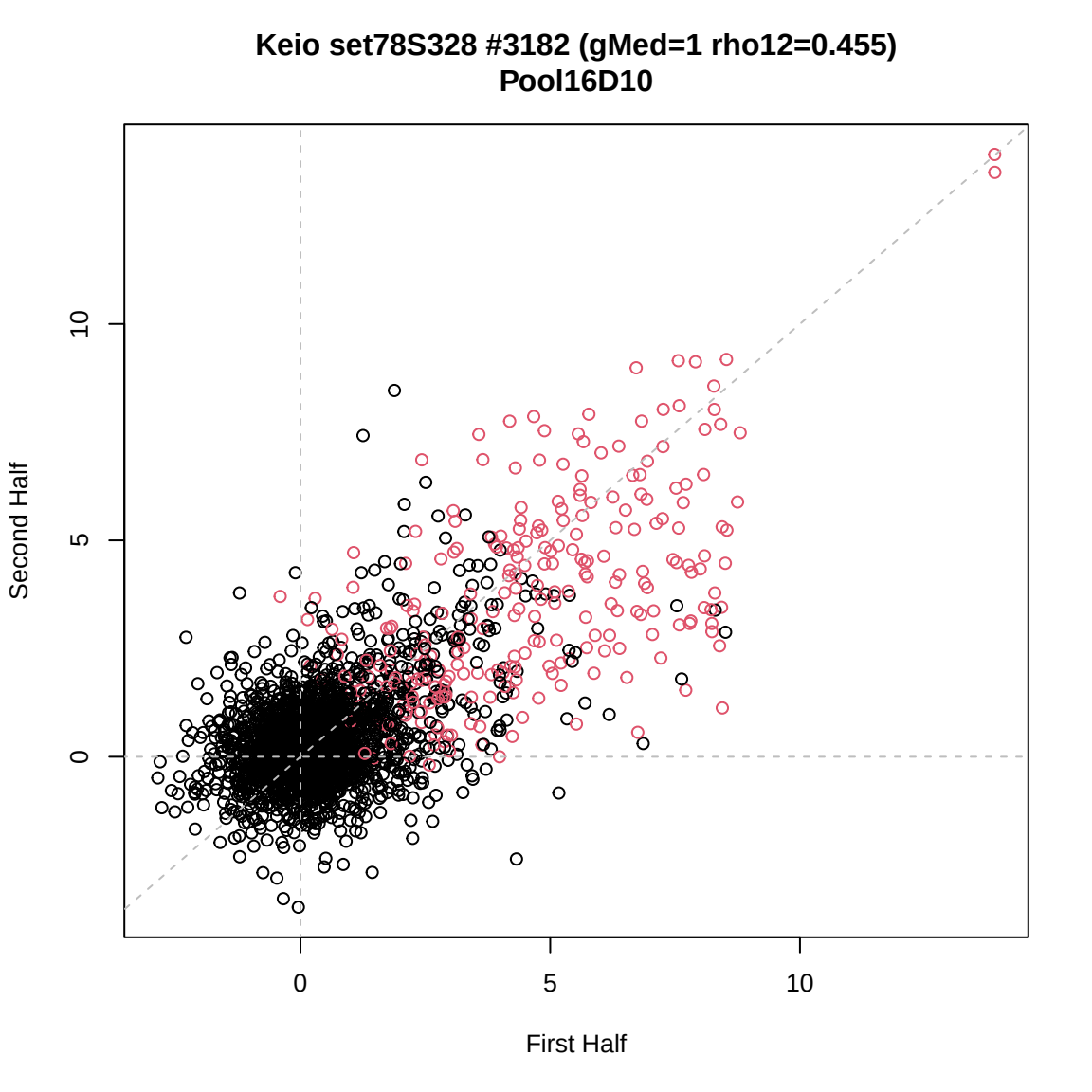

Keio set78S318 #3177 (gMed=70 rho12=0.132)
PoolT9D30
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

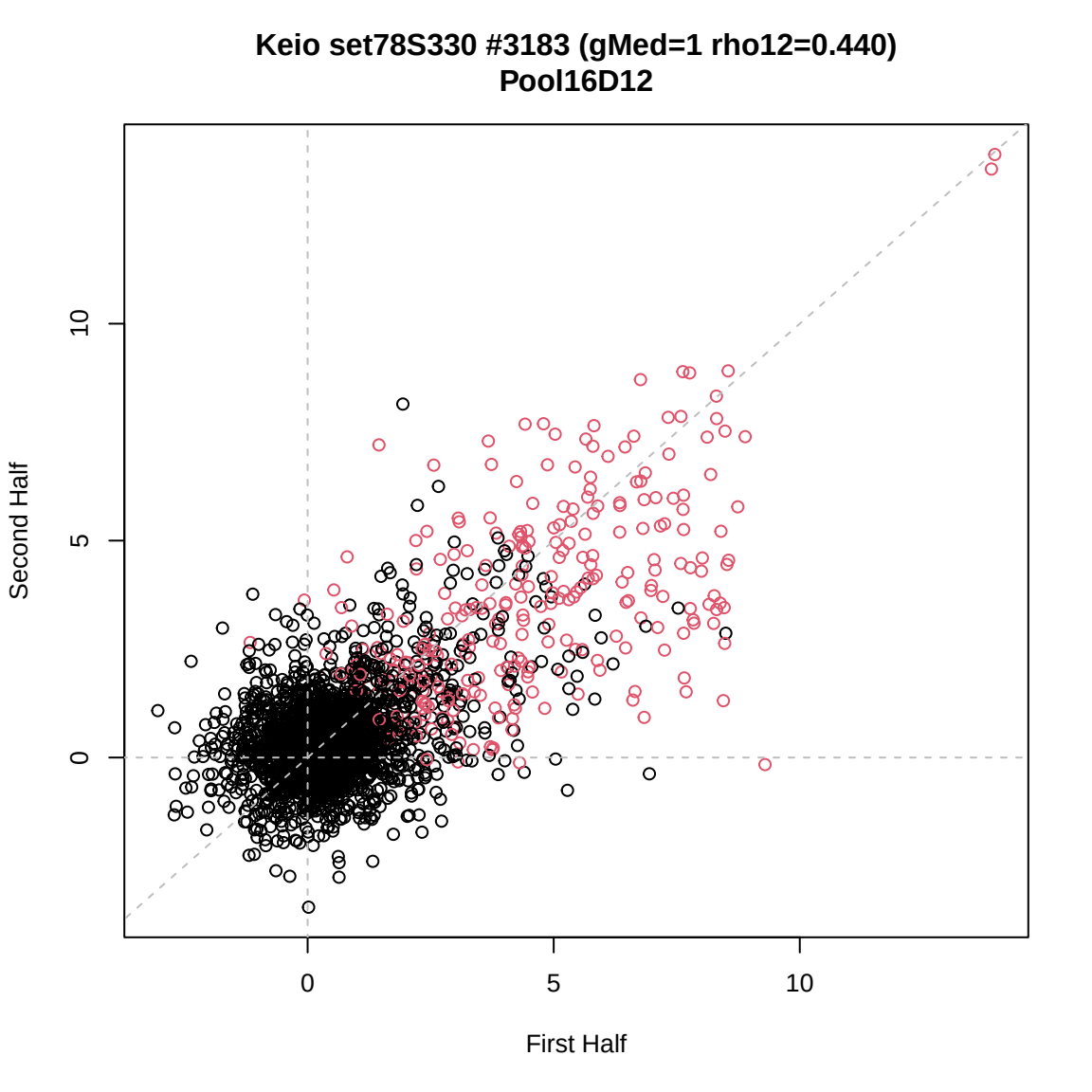

Keio set78S323 #3178 (gMed=1 rho12=0.461)
Pool16D5
Second Half
First Half
0
5
10
0
5
10

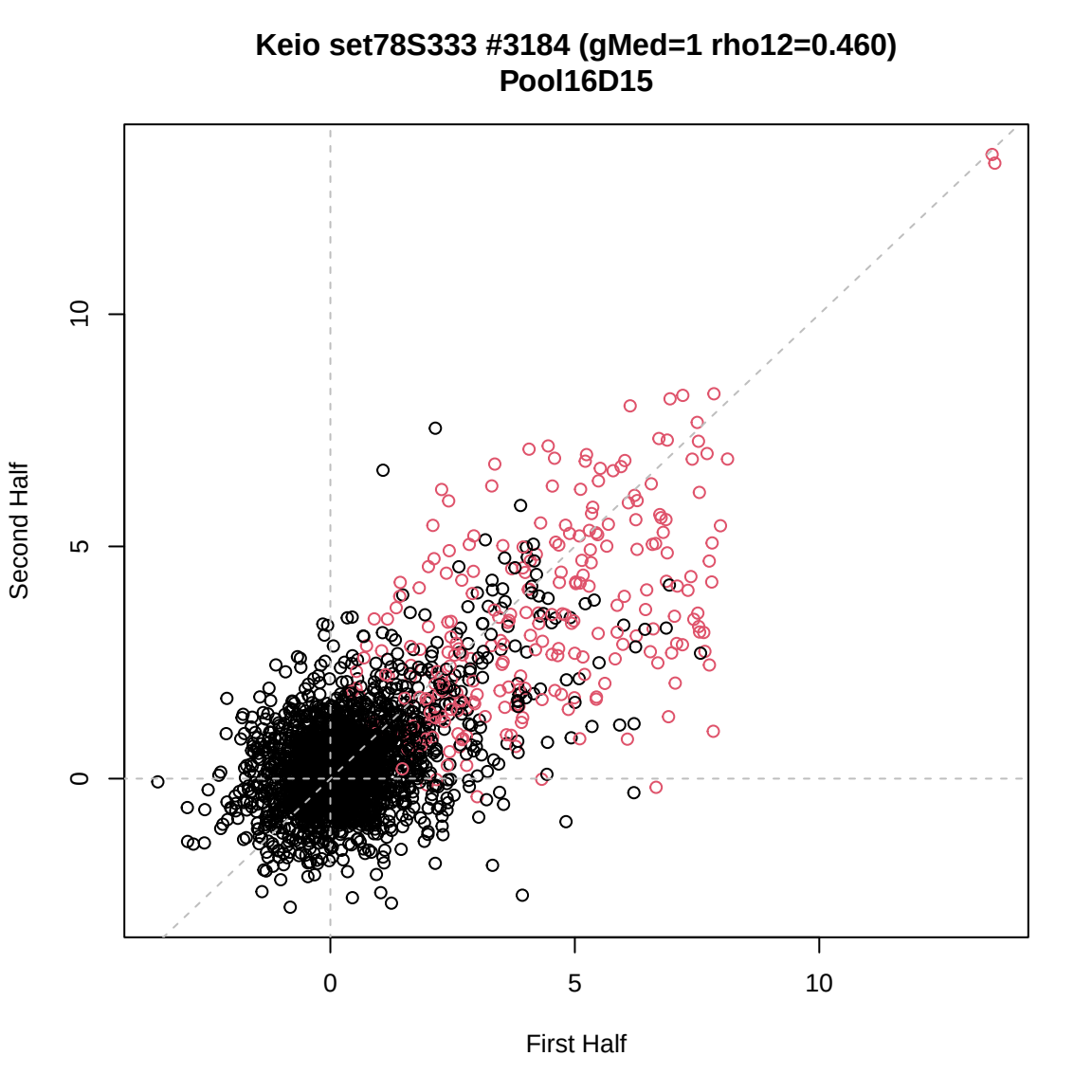

Keio set78S324 #3179 (gMed=1 rho12=0.462)
Pool16D6
Second Half
First Half
0
5
10
0
5
10

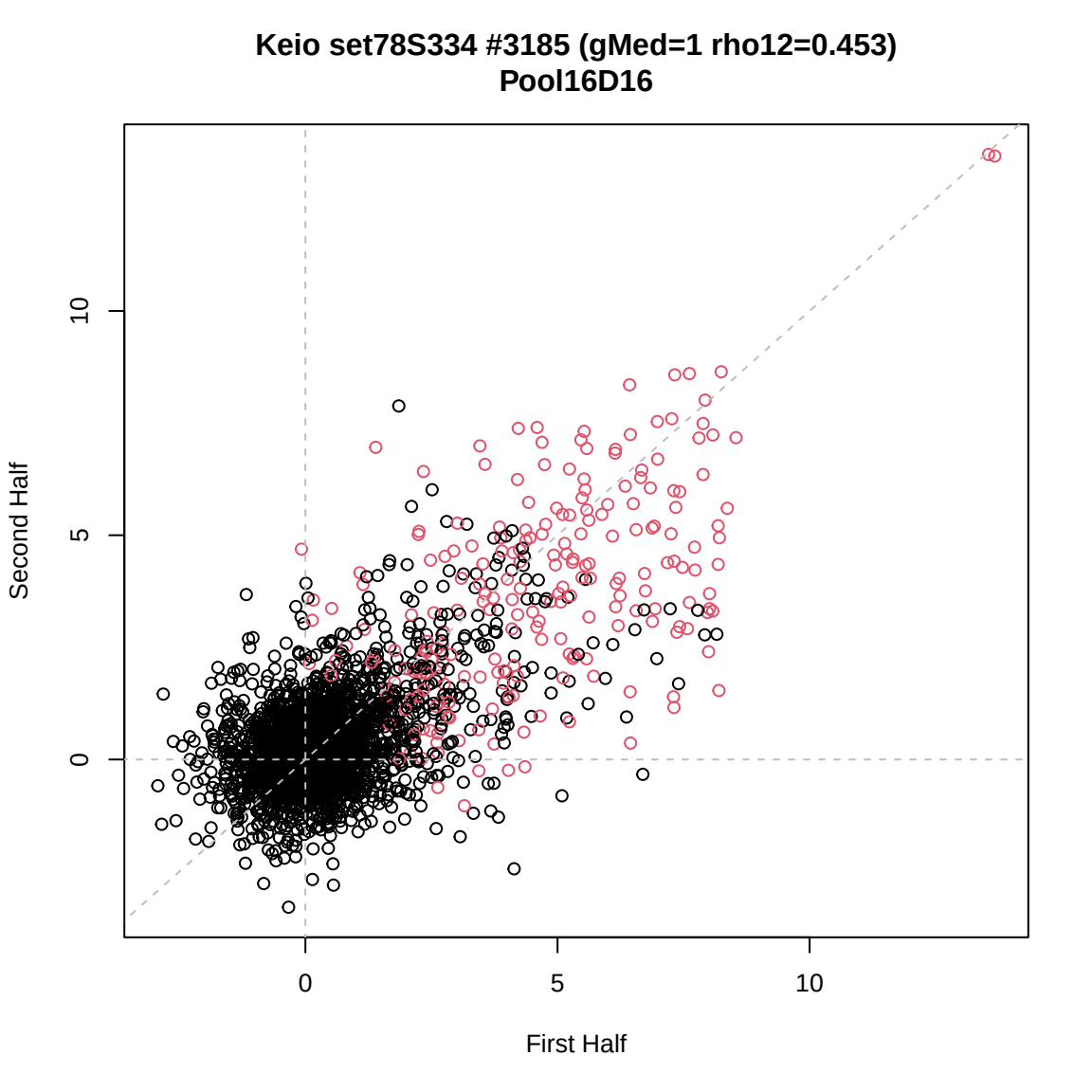

Keio set78S325 #3180 (gMed=1 rho12=0.452)
Pool16D7
Second Half
First Half
0
5
10
0
5
10

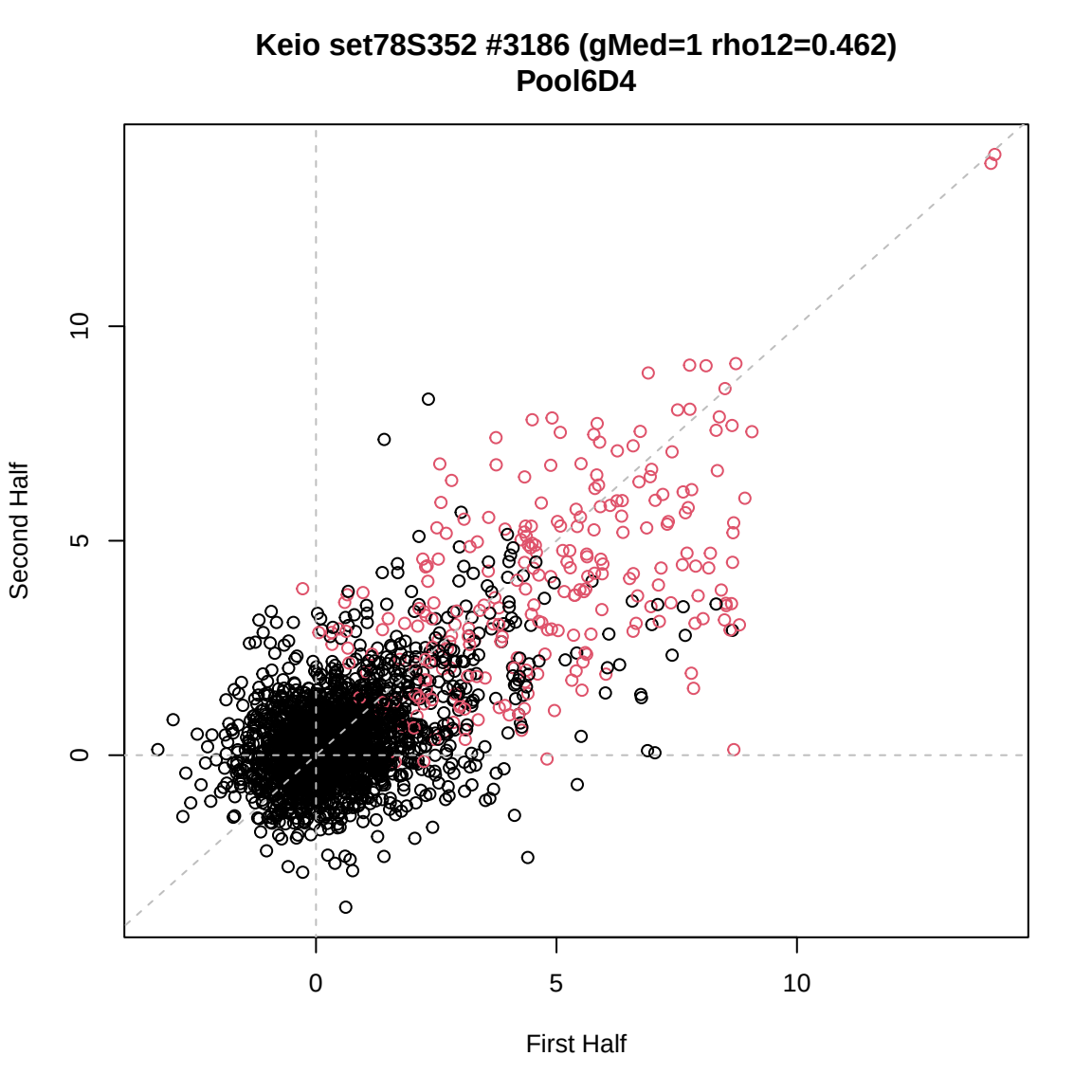

Keio set78S327 #3181 (gMed=1 rho12=0.466)
Pool16D9
Second Half
First Half
0
5
10
0
5
10

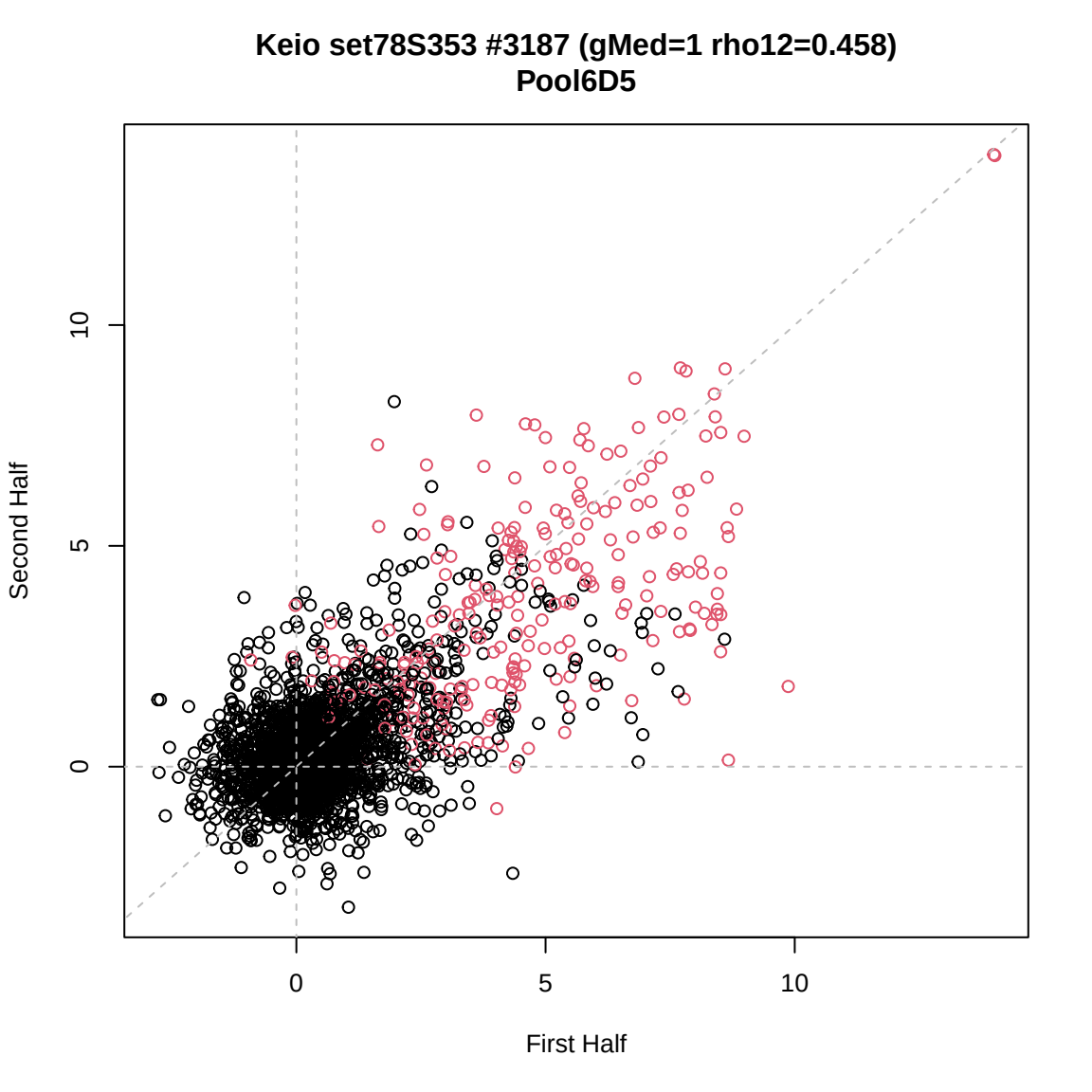

Keio set78S328 #3182 (gMed=1 rho12=0.455)
Pool16D10
Second Half
First Half
0
5
10
0
5
10

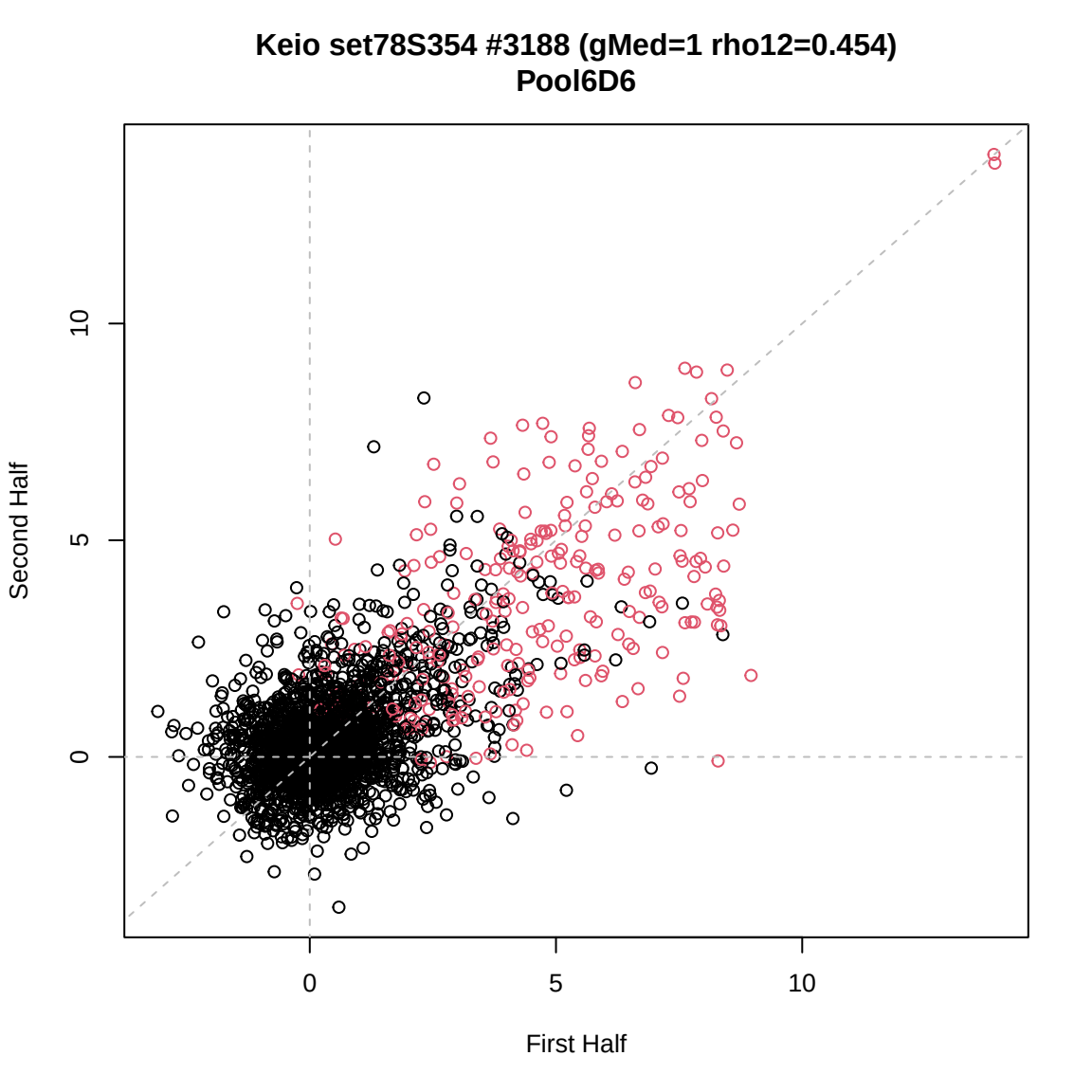

Keio set78S330 #3183 (gMed=1 rho12=0.440)
Pool16D12
Second Half
First Half
0
5
10
0
5
10

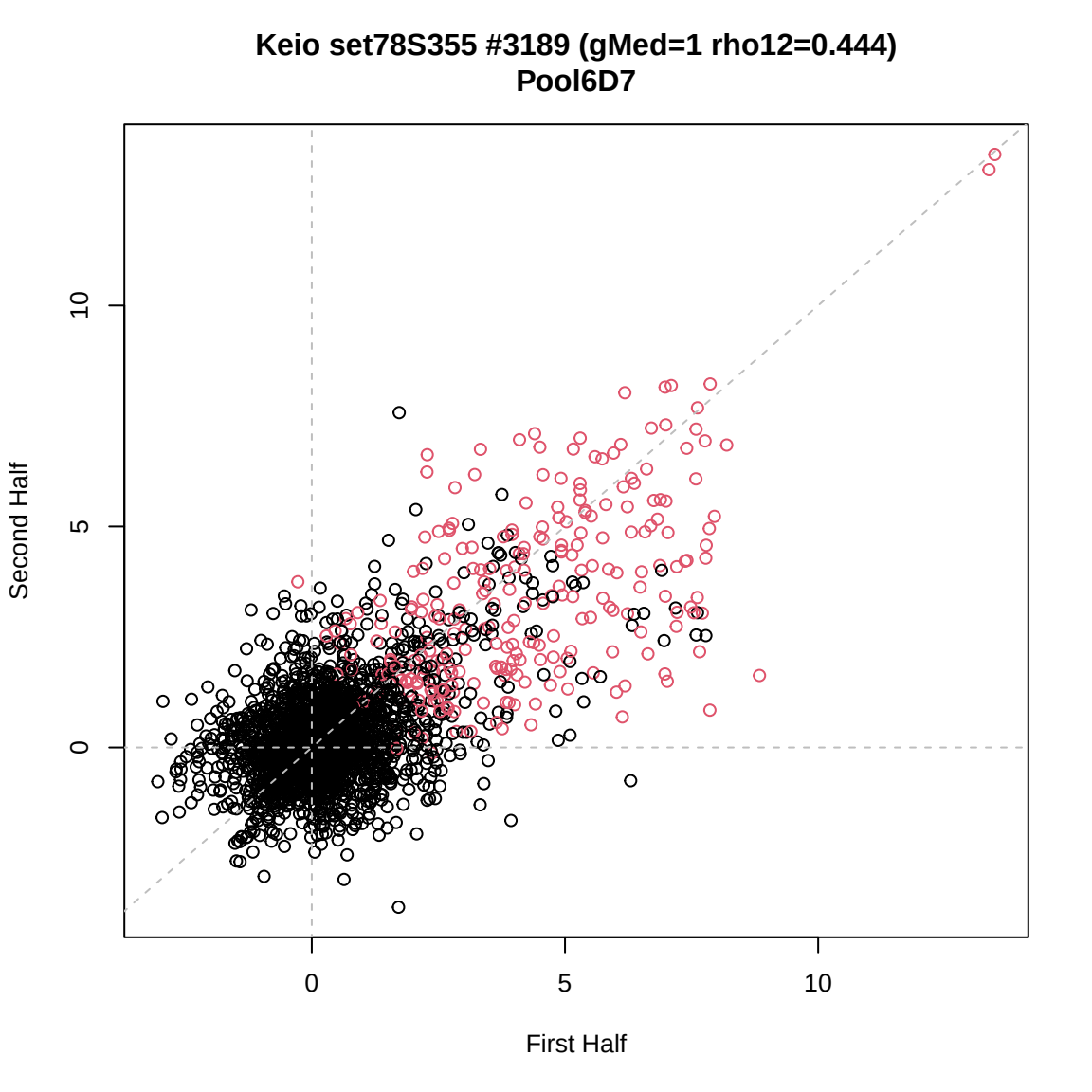

Keio set78S333 #3184 (gMed=1 rho12=0.460)
Pool16D15
Second Half
First Half
0
5
10
0
5
10

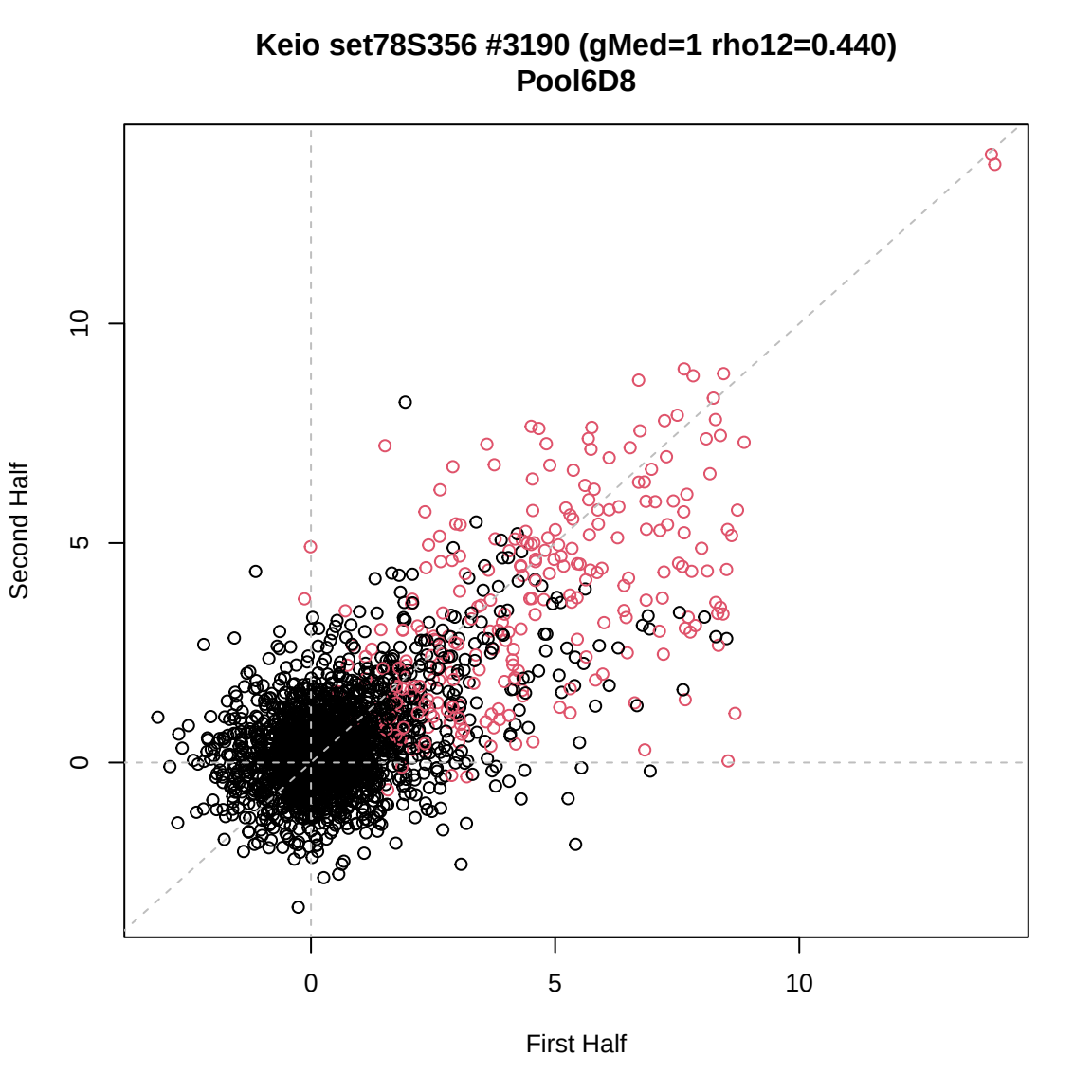

Keio set78S334 #3185 (gMed=1 rho12=0.453)
Pool16D16
Second Half
First Half
0
5
10
0
5
10

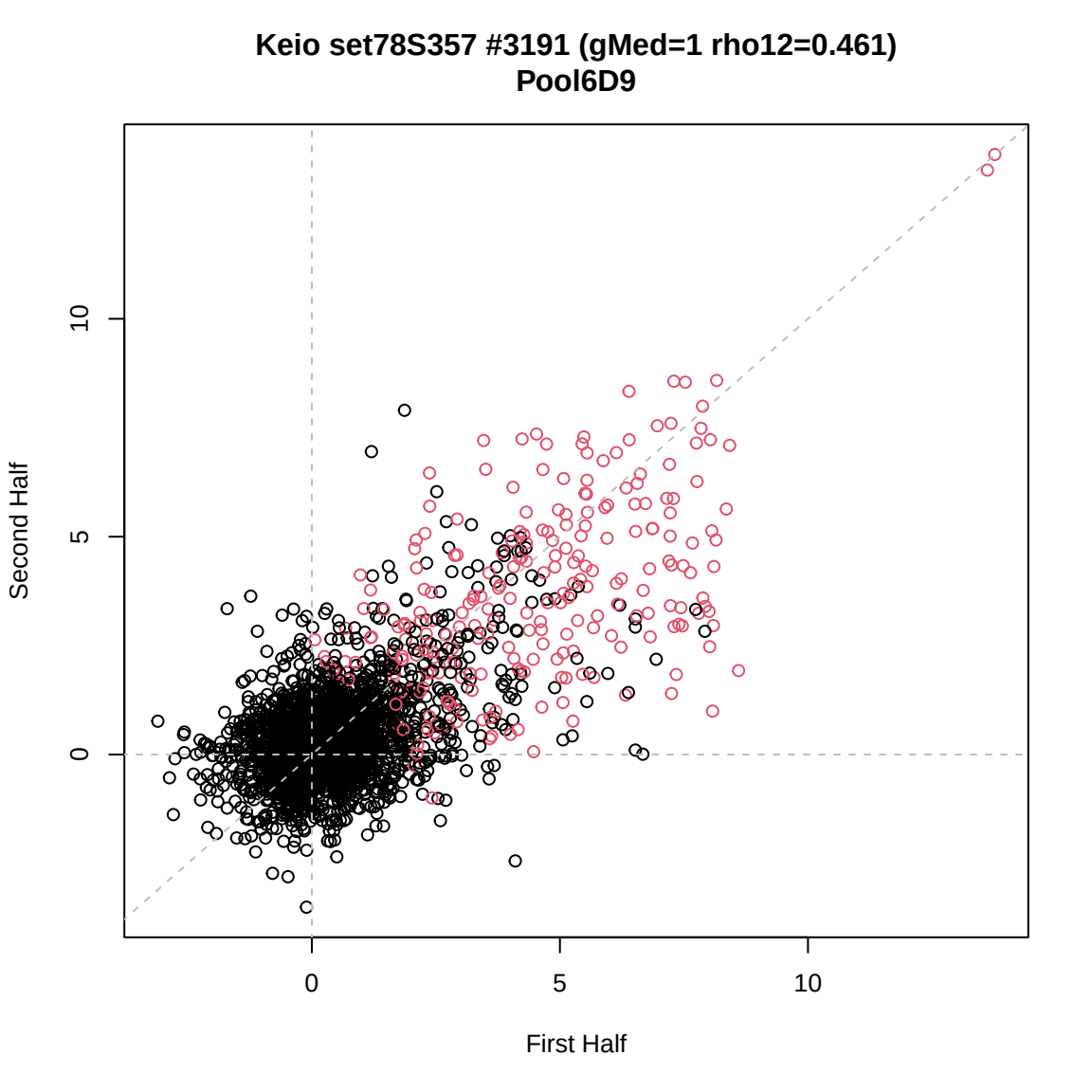

Keio set78S352 #3186 (gMed=1 rho12=0.462)
Pool6D4
Second Half
First Half
0
5
10
0
5
10

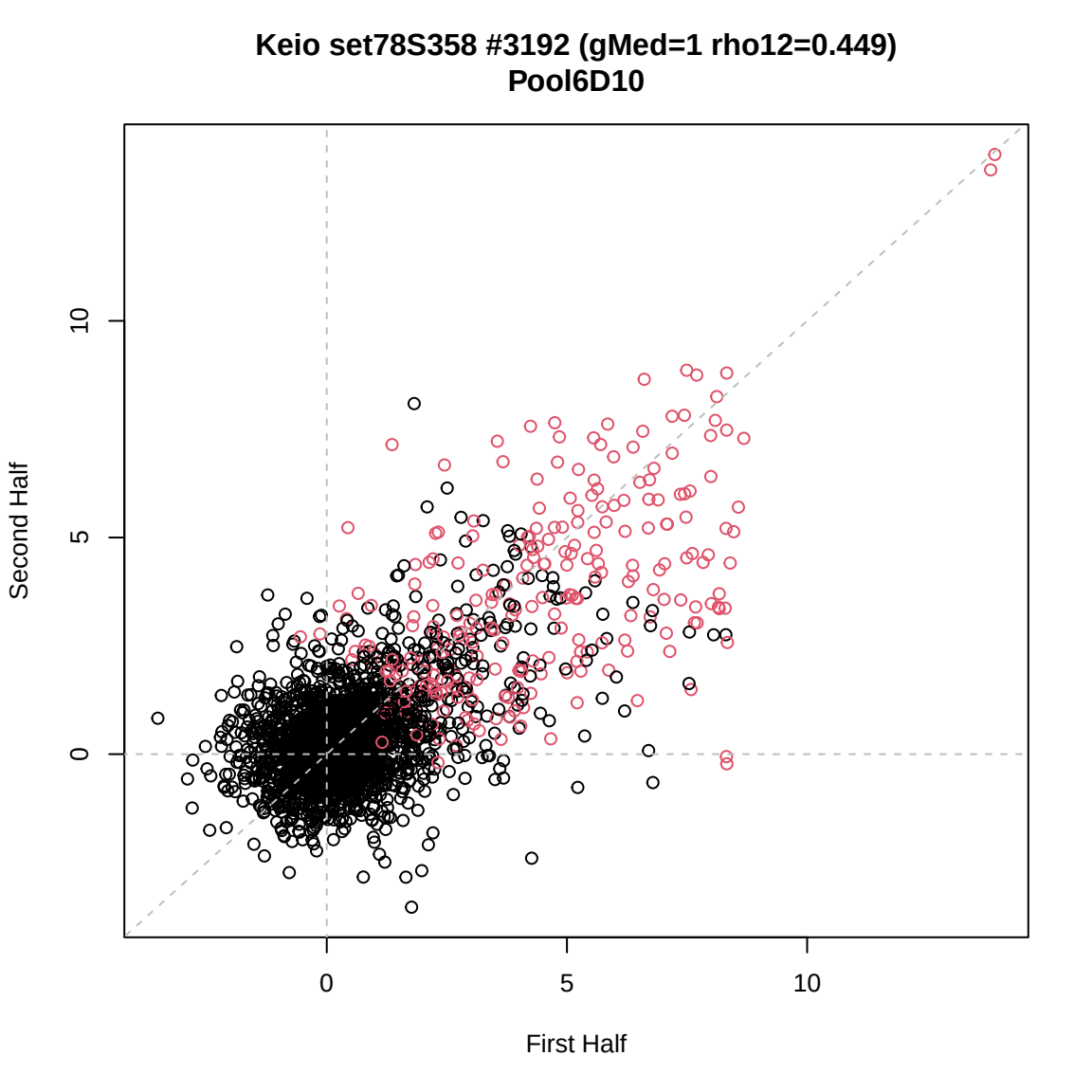

Keio set78S353 #3187 (gMed=1 rho12=0.458)
Pool6D5
Second Half
First Half
0
5
10
0
5
10

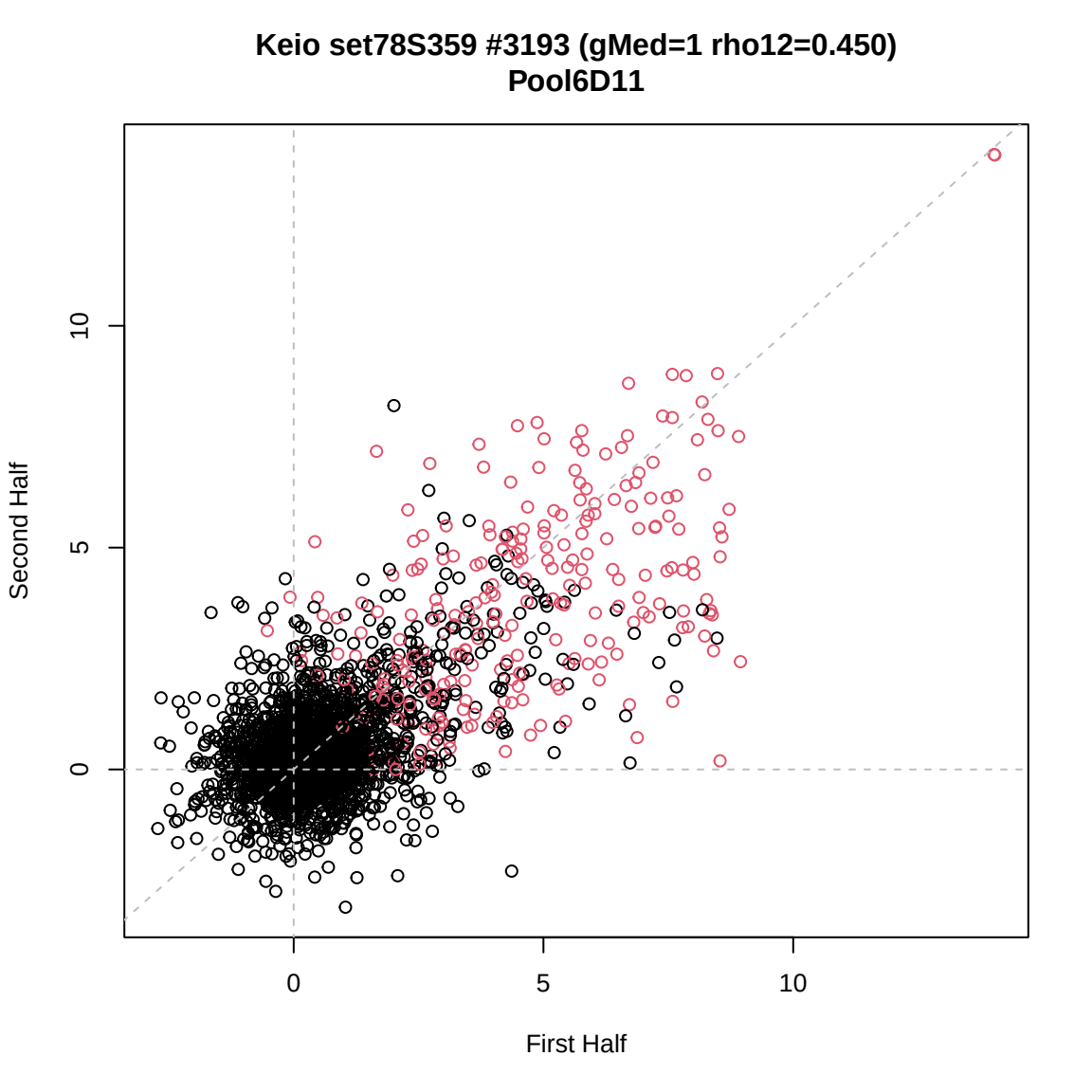

Keio set78S354 #3188 (gMed=1 rho12=0.454)
Pool6D6
Second Half
First Half
0
5
10
0
5
10

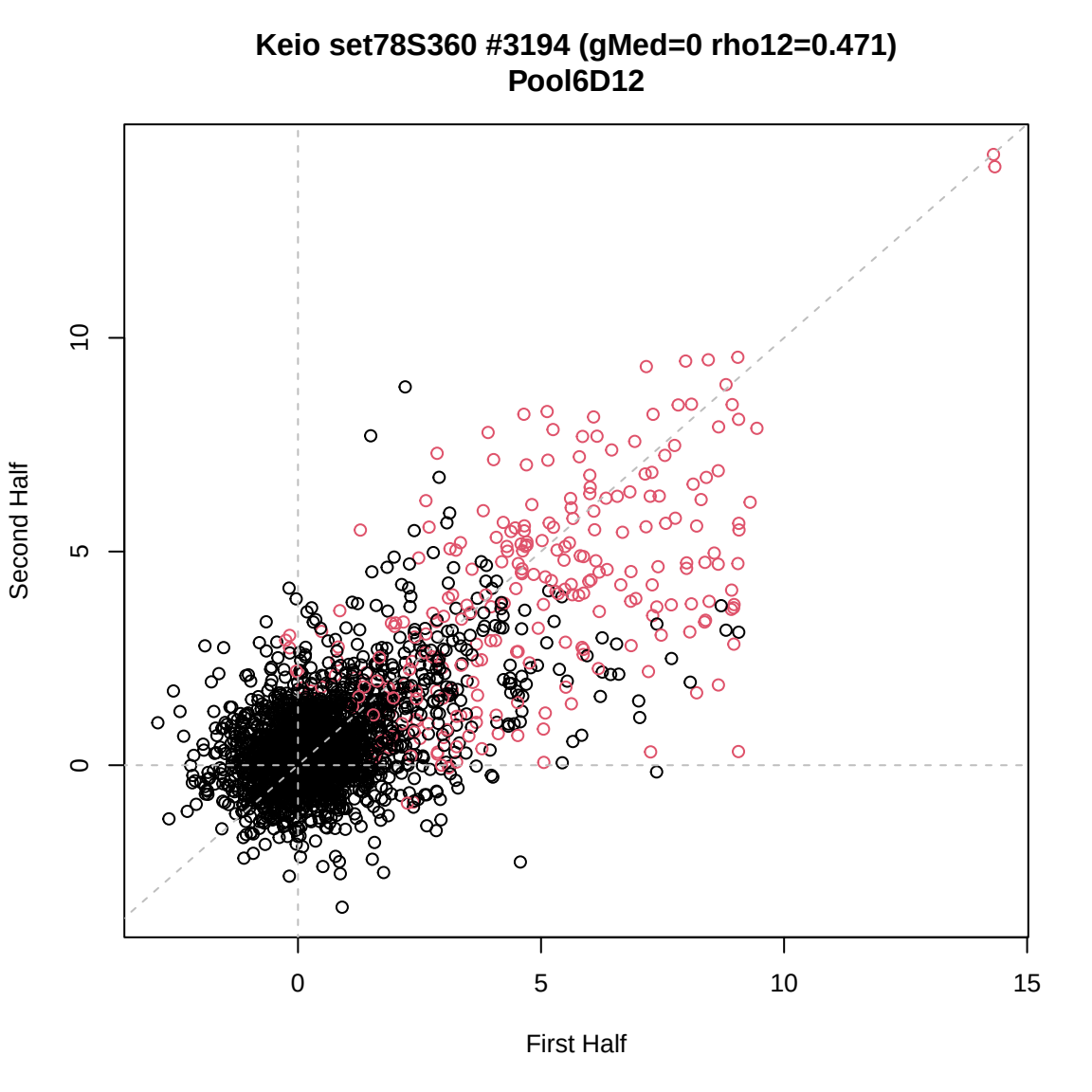

Keio set78S355 #3189 (gMed=1 rho12=0.444)
Pool6D7
Second Half
First Half
0
5
10
0
5
10

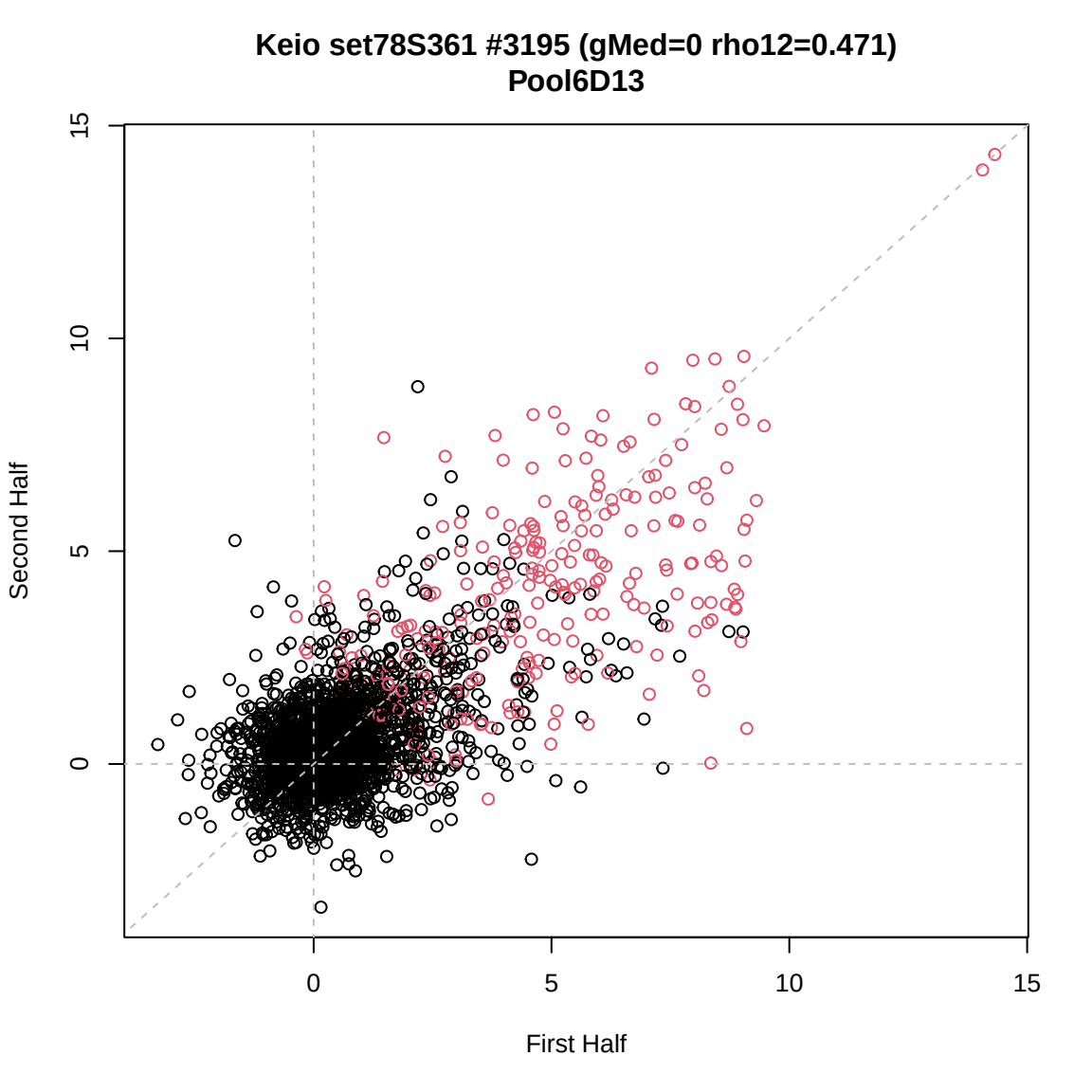

Keio set78S356 #3190 (gMed=1 rho12=0.440)
Pool6D8
Second Half
First Half
0
5
10
0
5
10

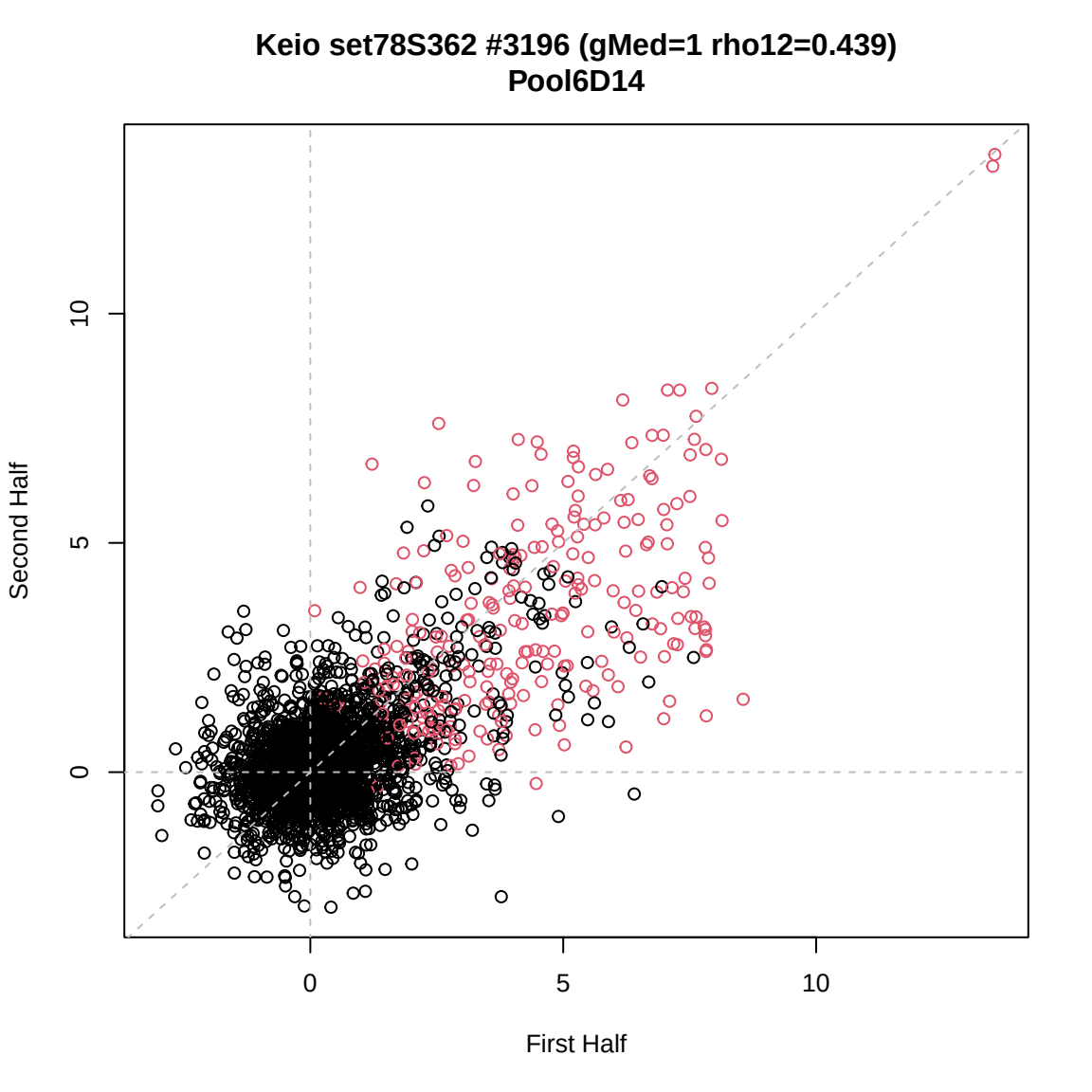

Keio set78S357 #3191 (gMed=1 rho12=0.461)
Pool6D9
Second Half
First Half
0
5
10
0
5
10

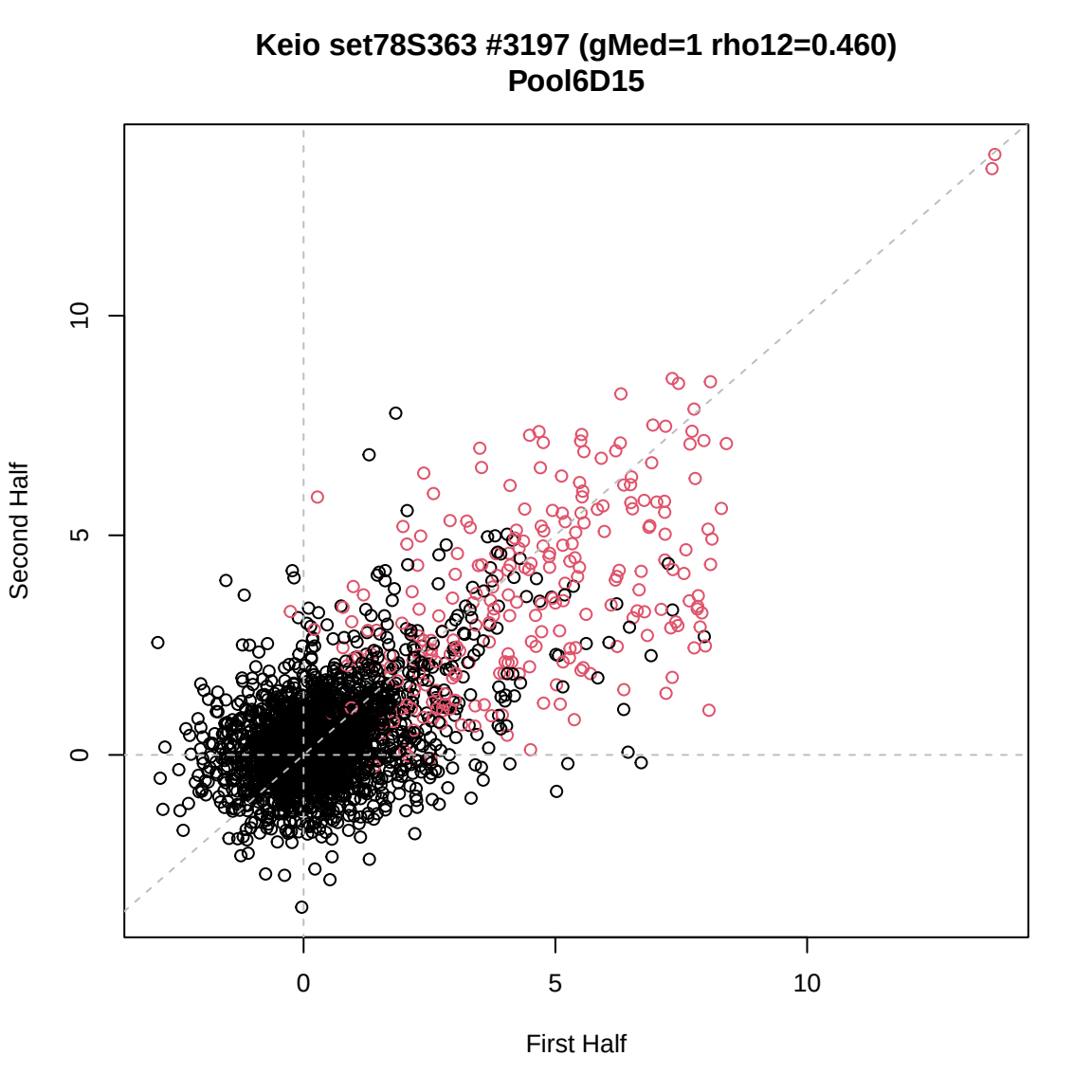

Keio set78S358 #3192 (gMed=1 rho12=0.449)
Pool6D10
Second Half
First Half
0
5
10
0
5
10

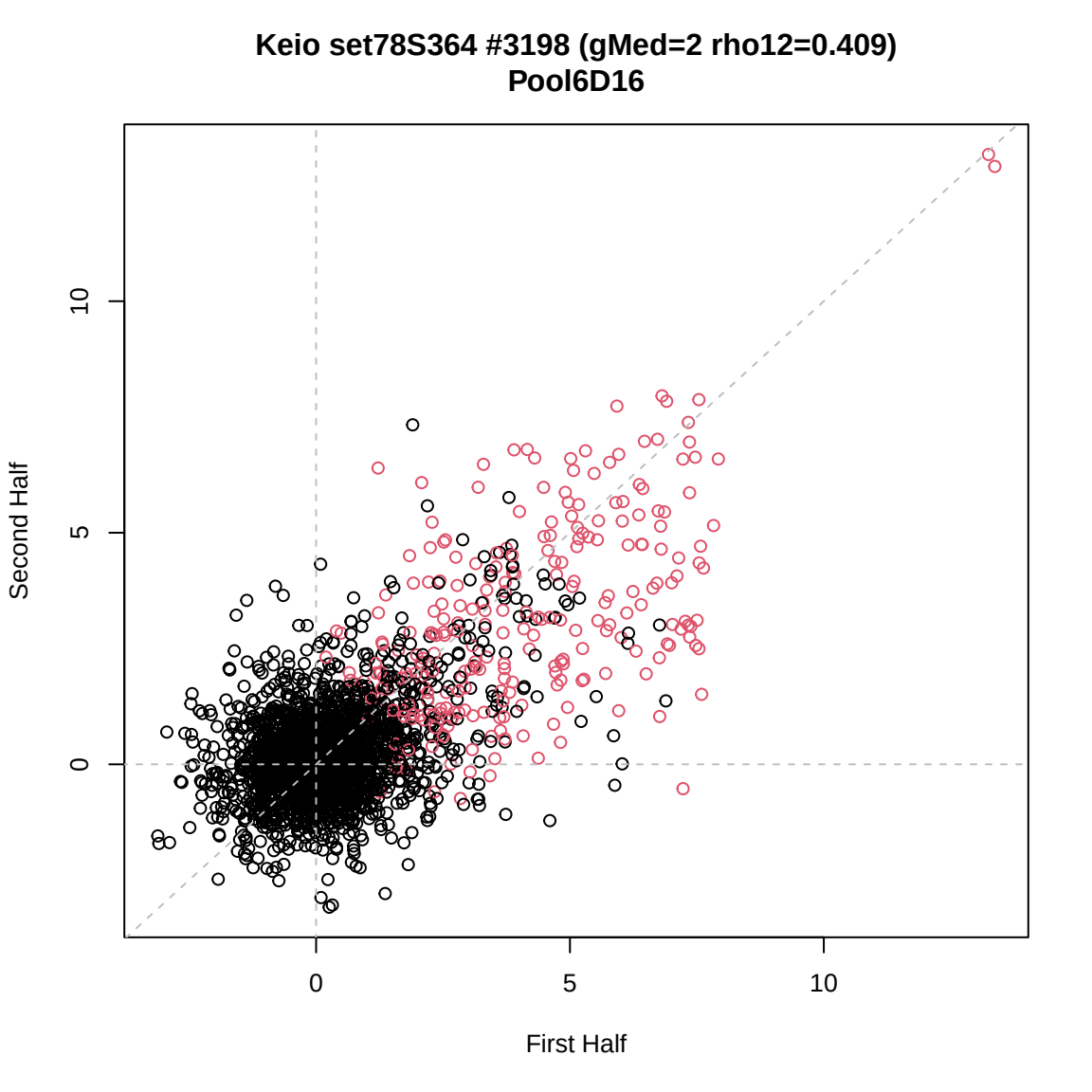

Keio set78S359 #3193 (gMed=1 rho12=0.450)
Pool6D11
Second Half
First Half
0
5
10
0
5
10

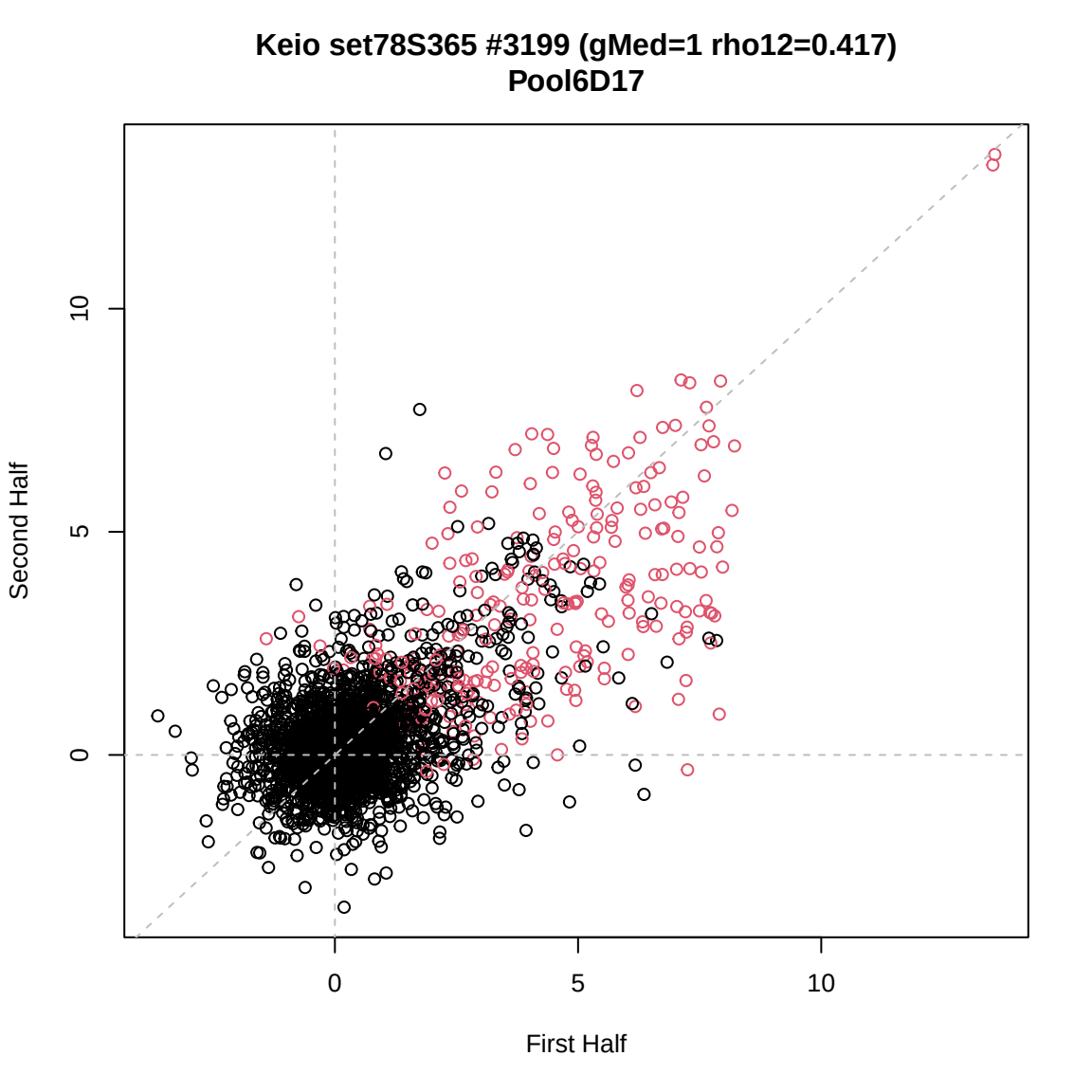

Keio set78S360 #3194 (gMed=0 rho12=0.471)
Pool6D12
Second Half
First Half
0
5
10
15
0
5
10

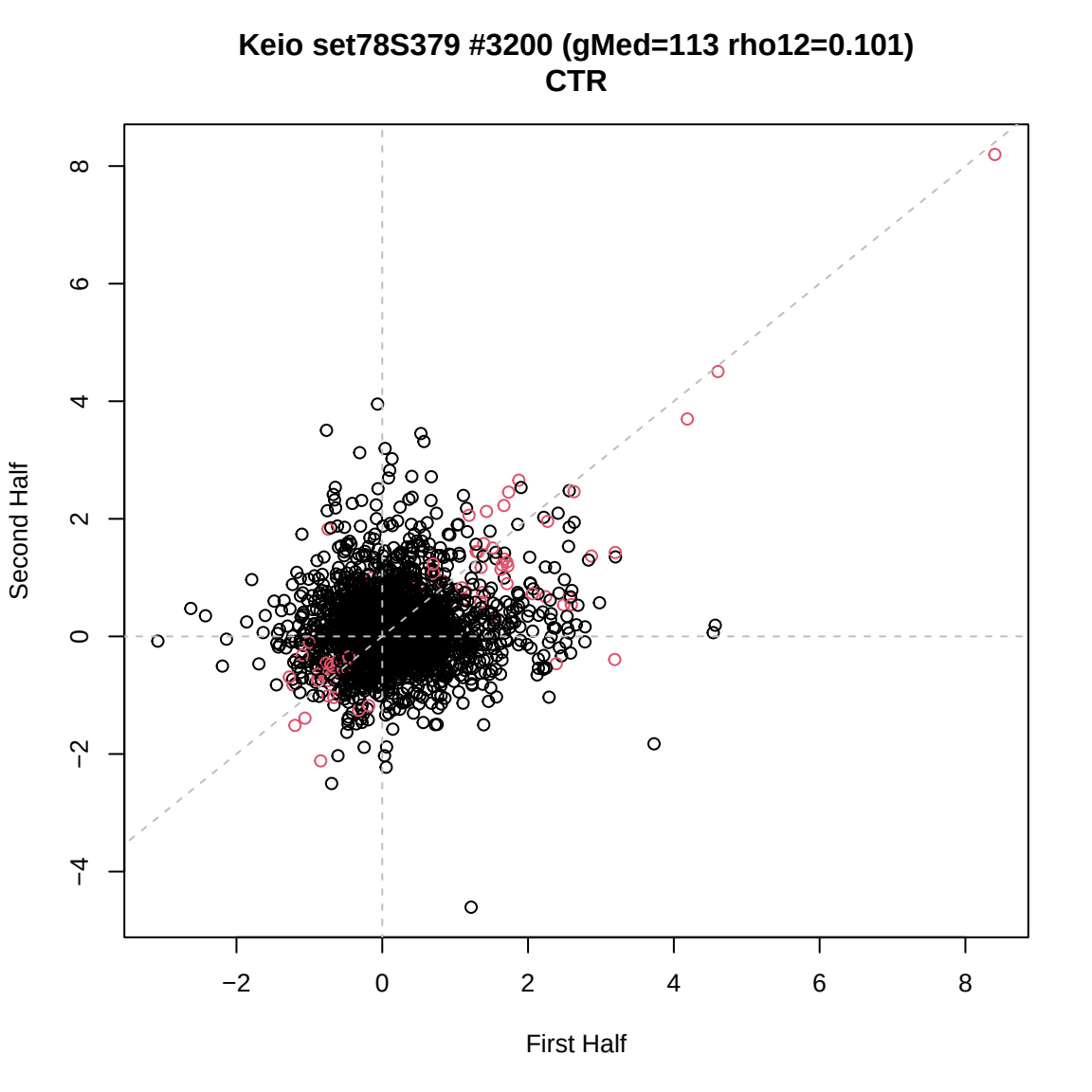

Keio set78S361 #3195 (gMed=0 rho12=0.471)
Pool6D13
Second Half
First Half
15
10
5
0
0
5
10
15

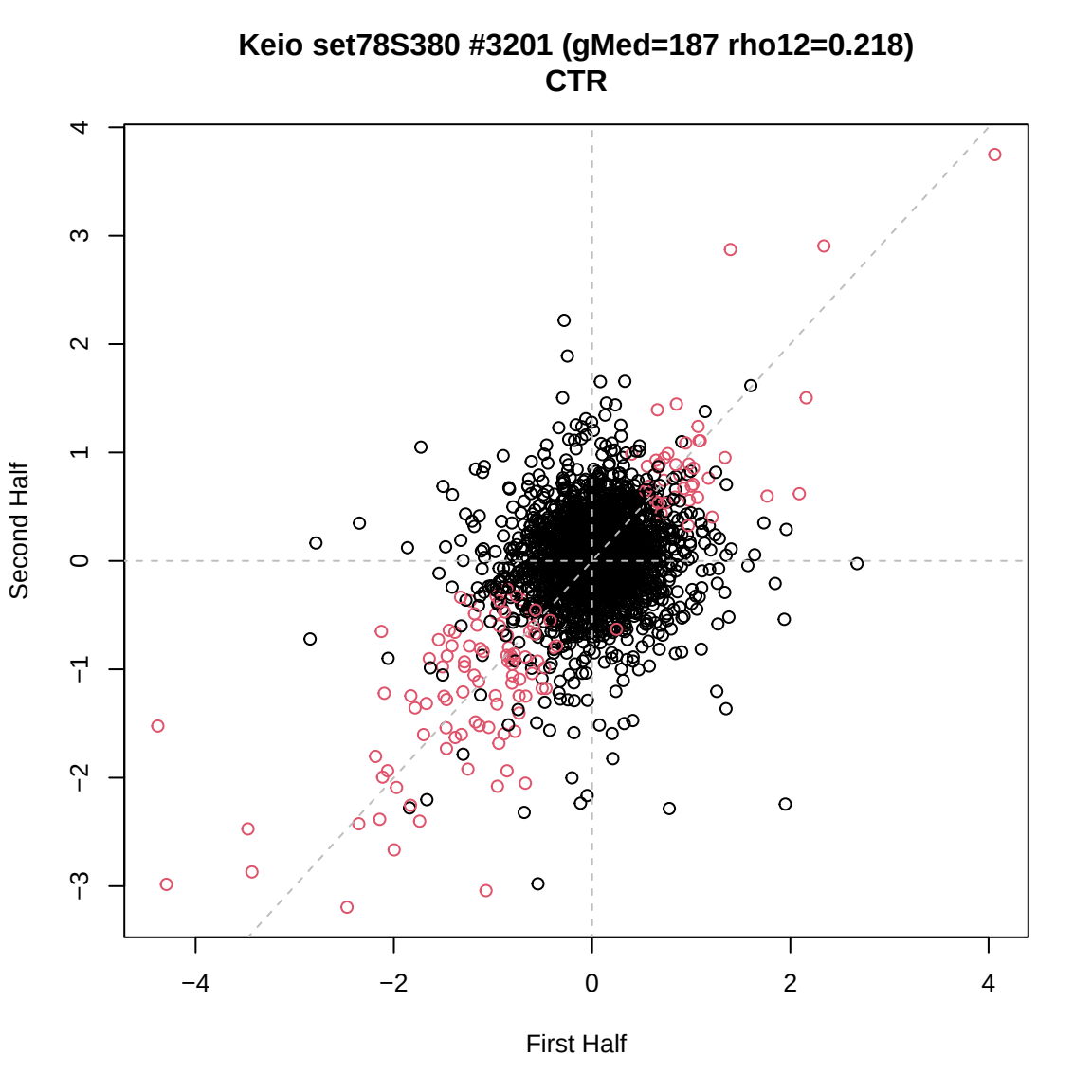

Keio set78S362 #3196 (gMed=1 rho12=0.439)
Pool6D14
Second Half
First Half
0
5
10
0
5
10

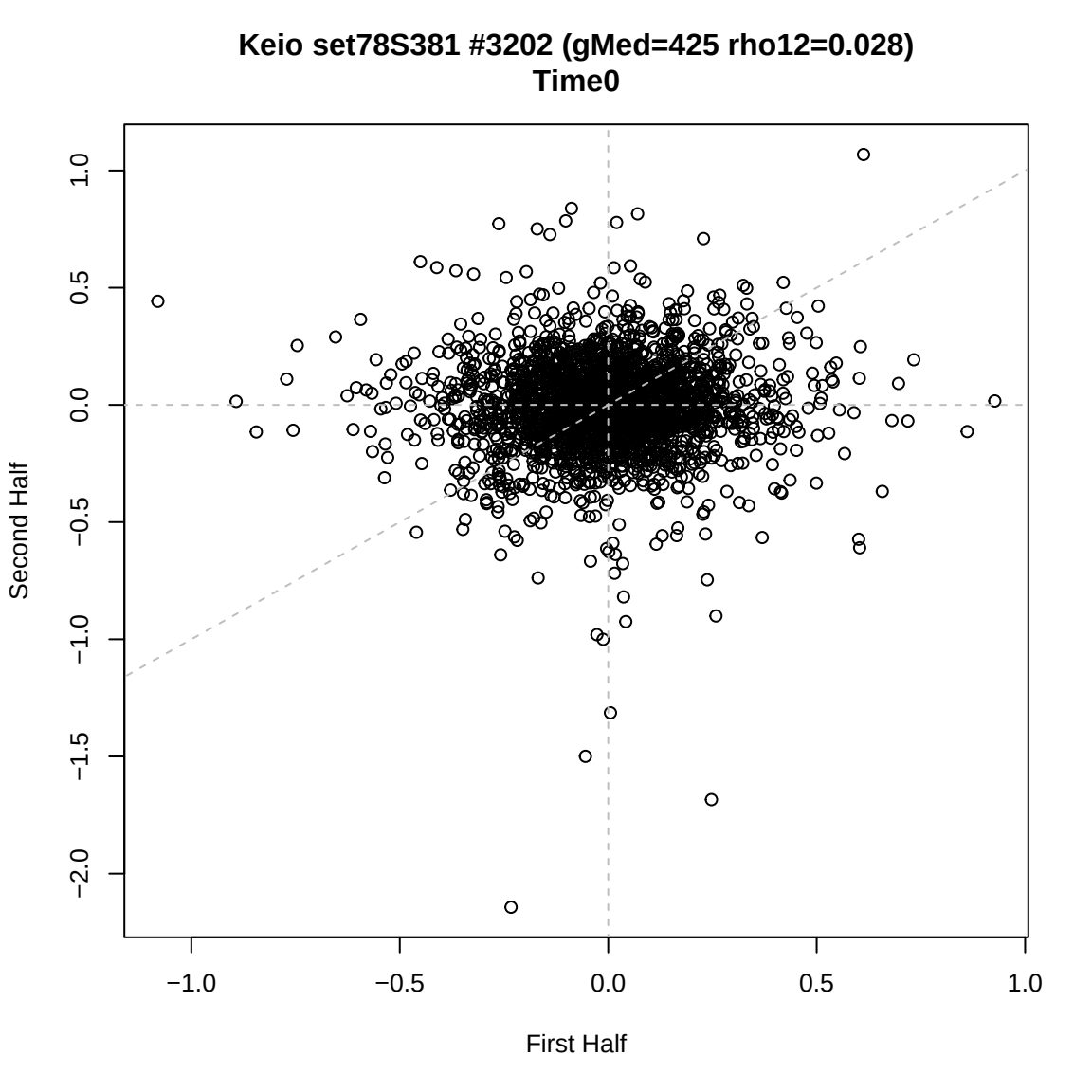

Keio set78S363 #3197 (gMed=1 rho12=0.460)
Pool6D15
Second Half
First Half
0
5
10
0
5
10

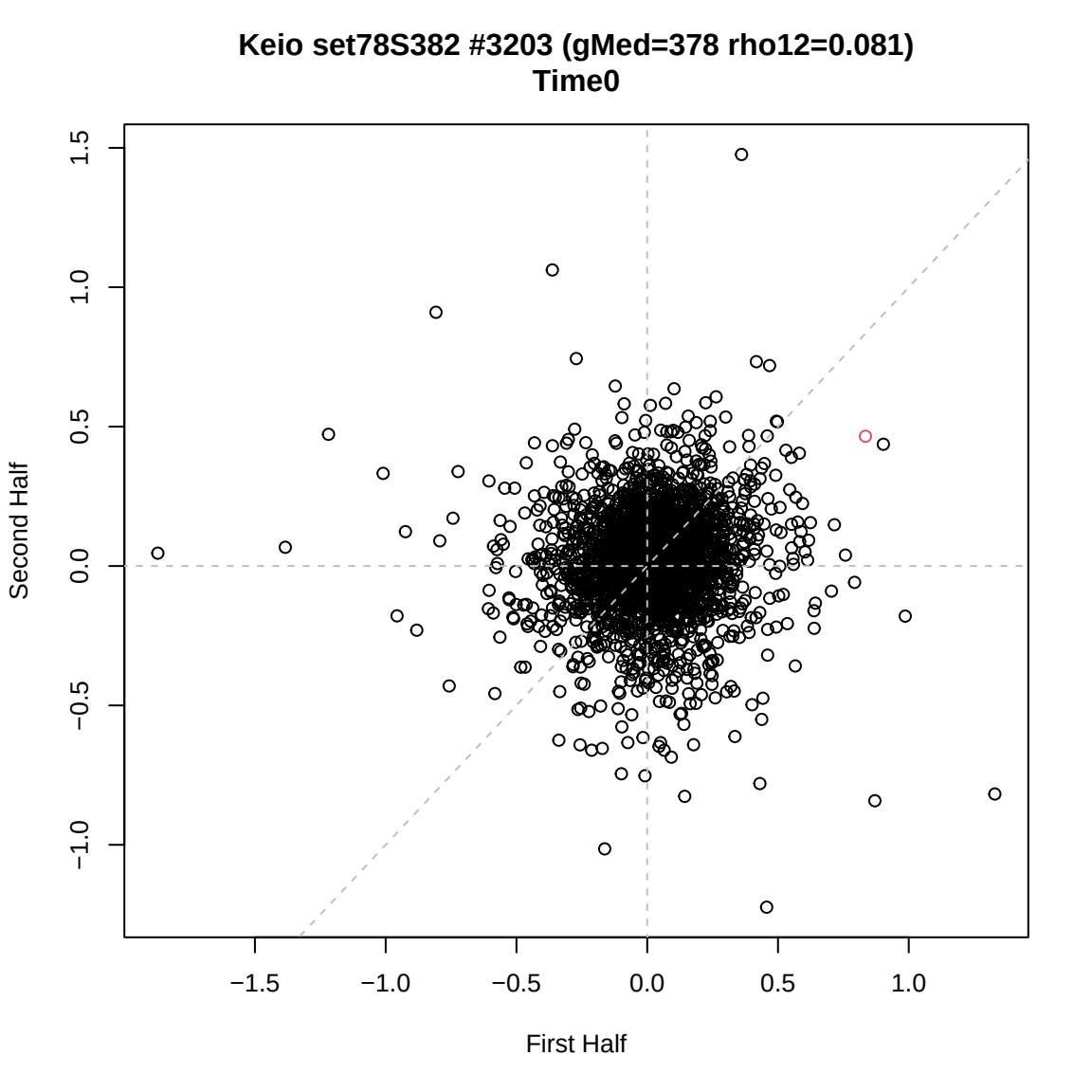

Keio set78S364 #3198 (gMed=2 rho12=0.409)
Pool6D16
Second Half
First Half
0
5
10
0
5
10

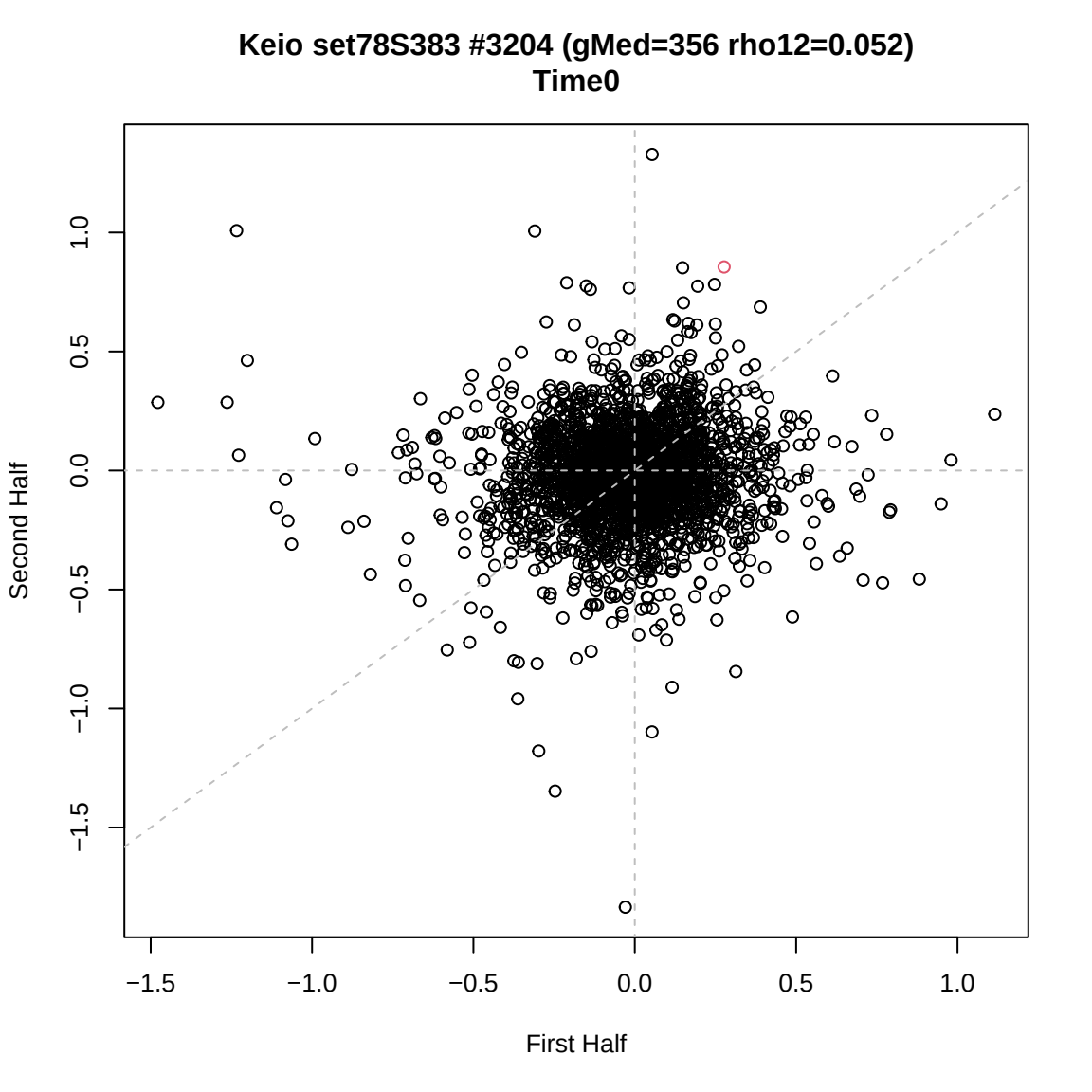

Keio set78S365 #3199 (gMed=1 rho12=0.417)
Pool6D17
Second Half
First Half
0
5
10
0
5
10

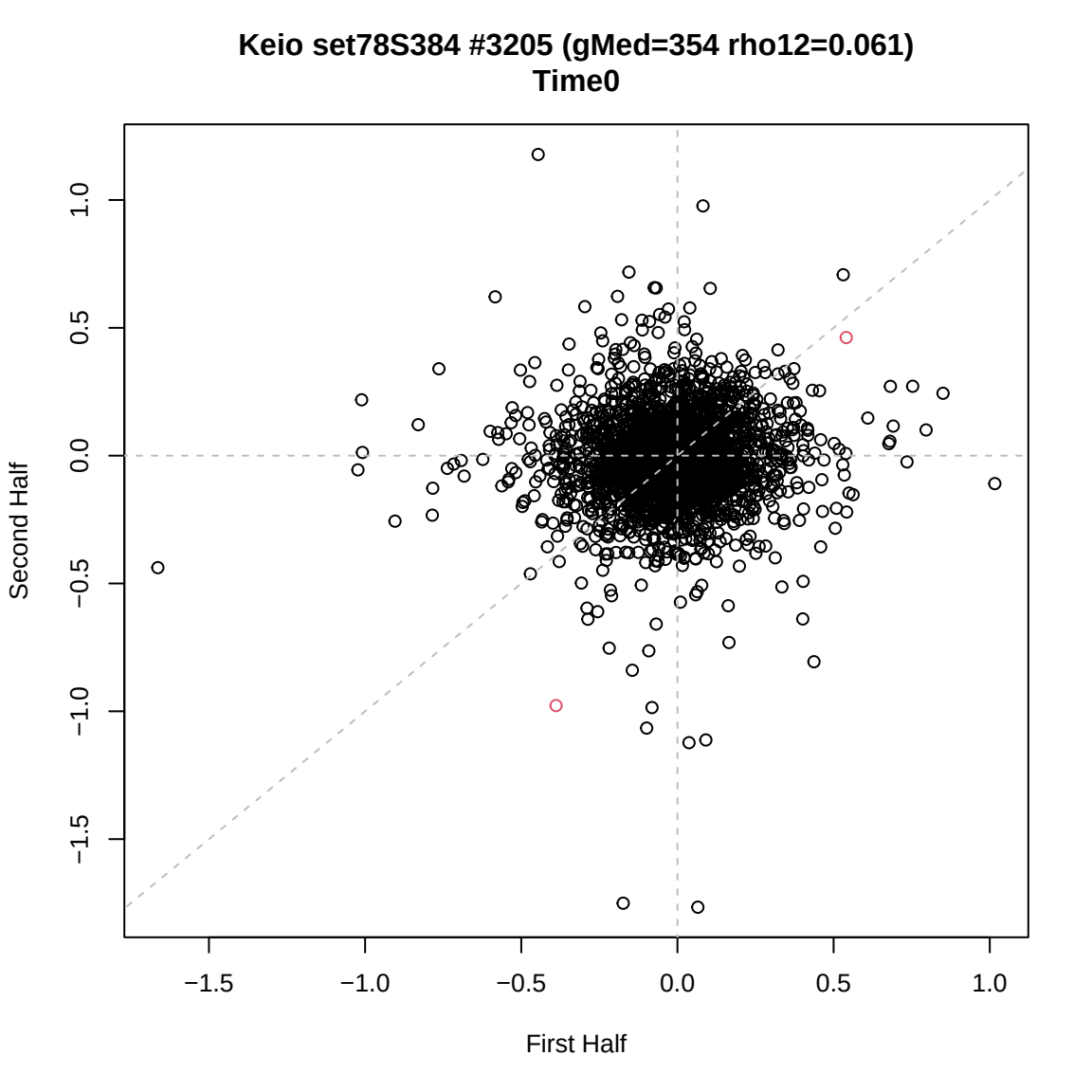

Keio set78S379 #3200 (gMed=113 rho12=0.101)
CTR
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

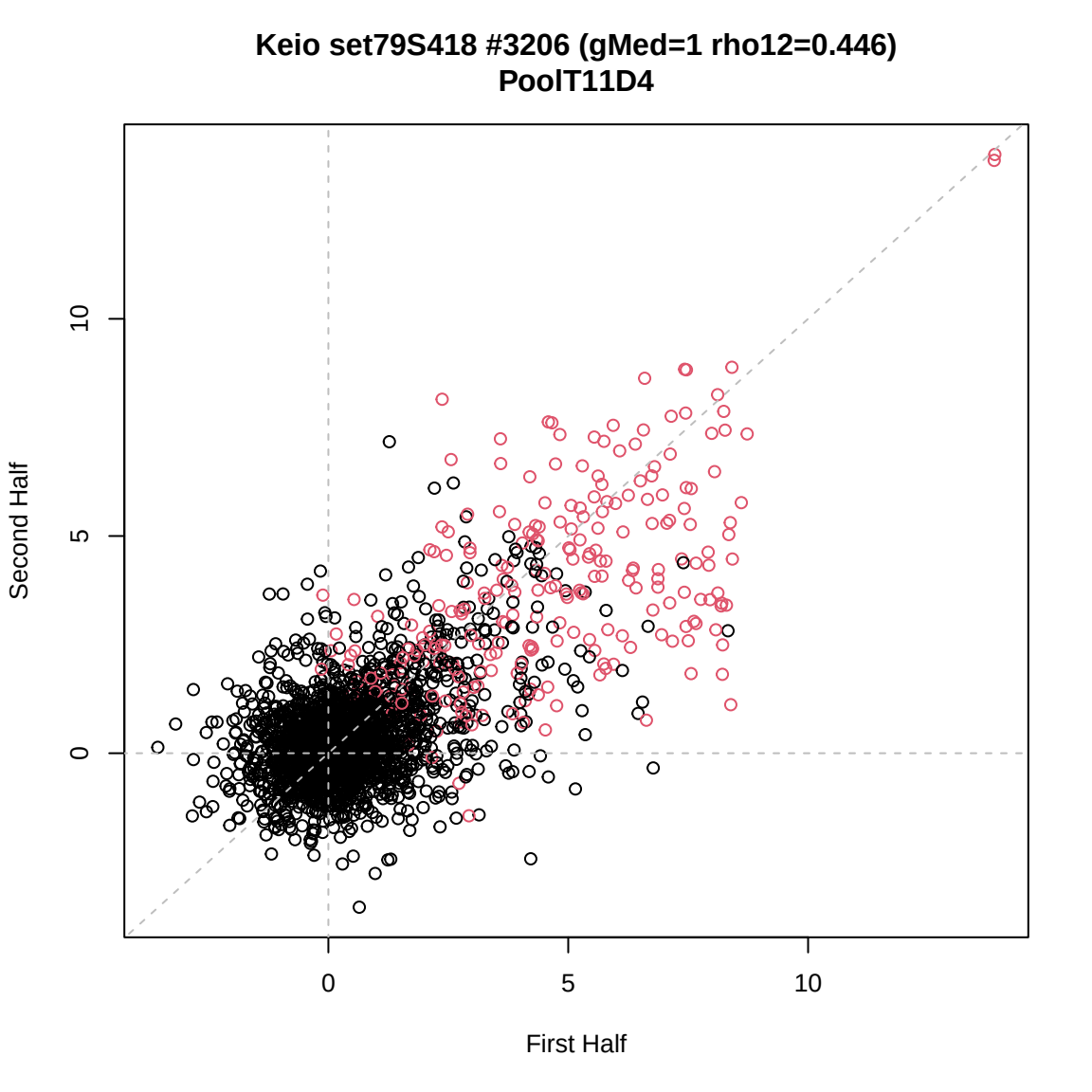

Keio set78S380 #3201 (gMed=187 rho12=0.218)
CTR
Second Half
First Half
4
3
2
1
0
−1
−2
−3
−4
−2
0
2
4

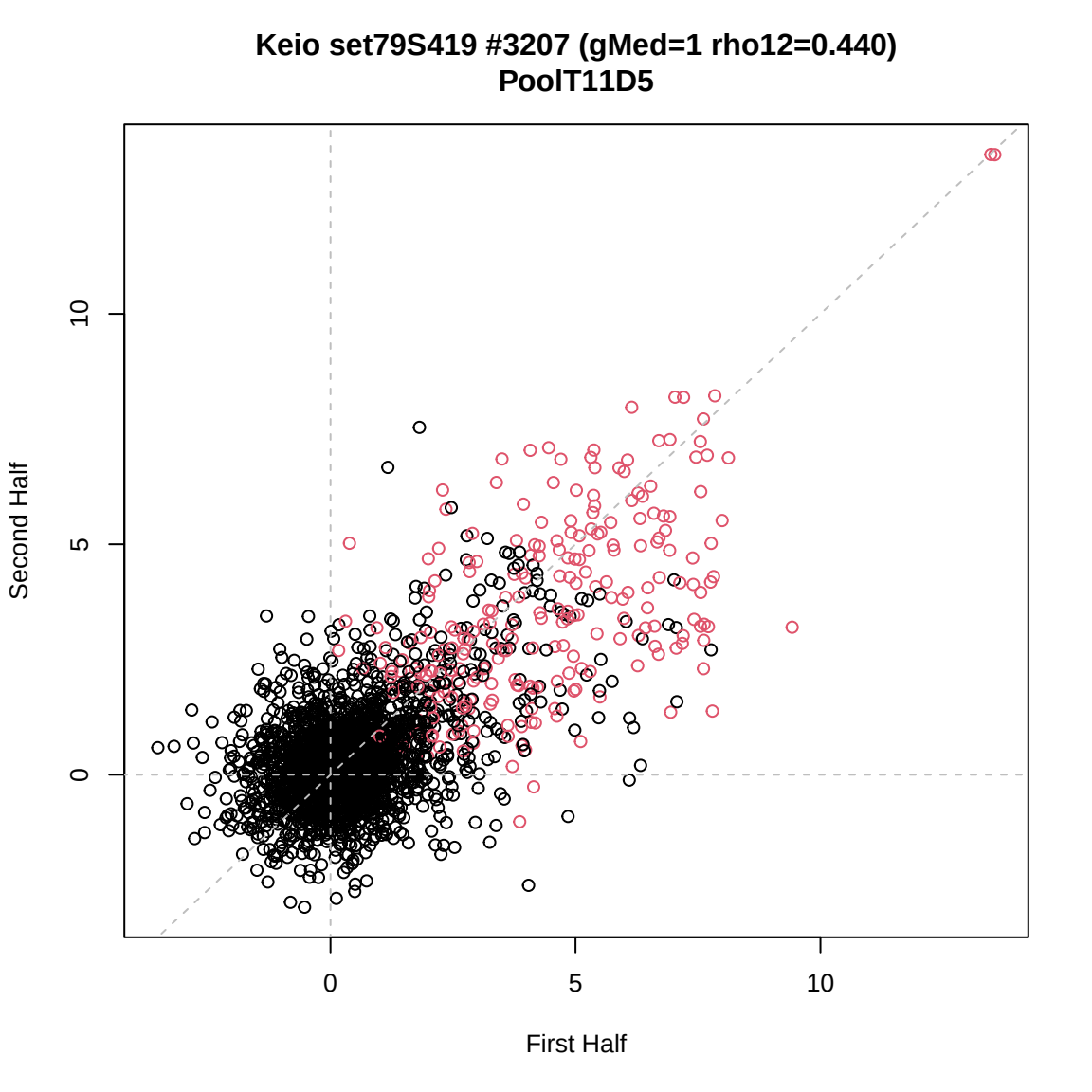

Keio set78S381 #3202 (gMed=425 rho12=0.028)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.0
−0.5
0.0
0.5
1.0

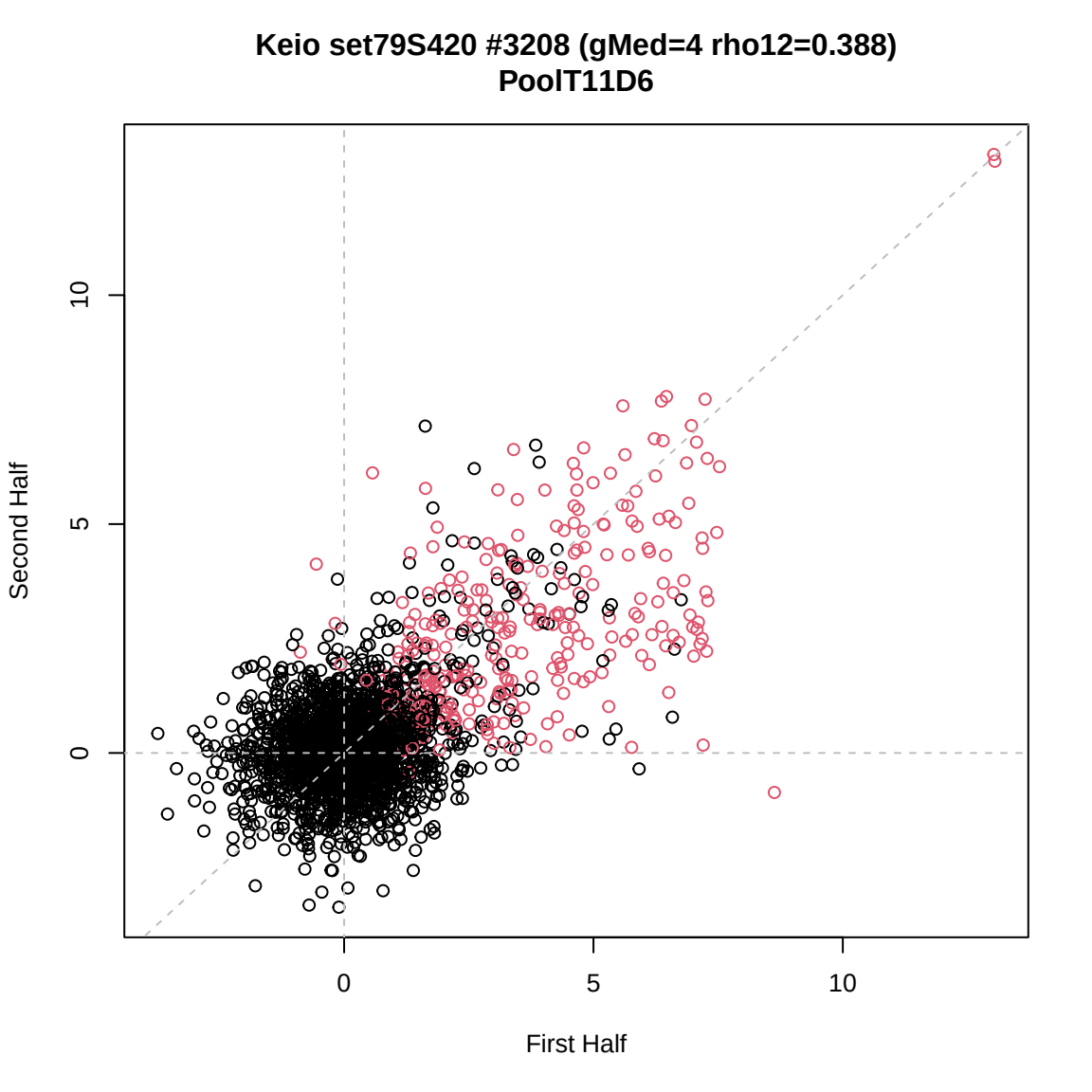

Keio set78S382 #3203 (gMed=378 rho12=0.081)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

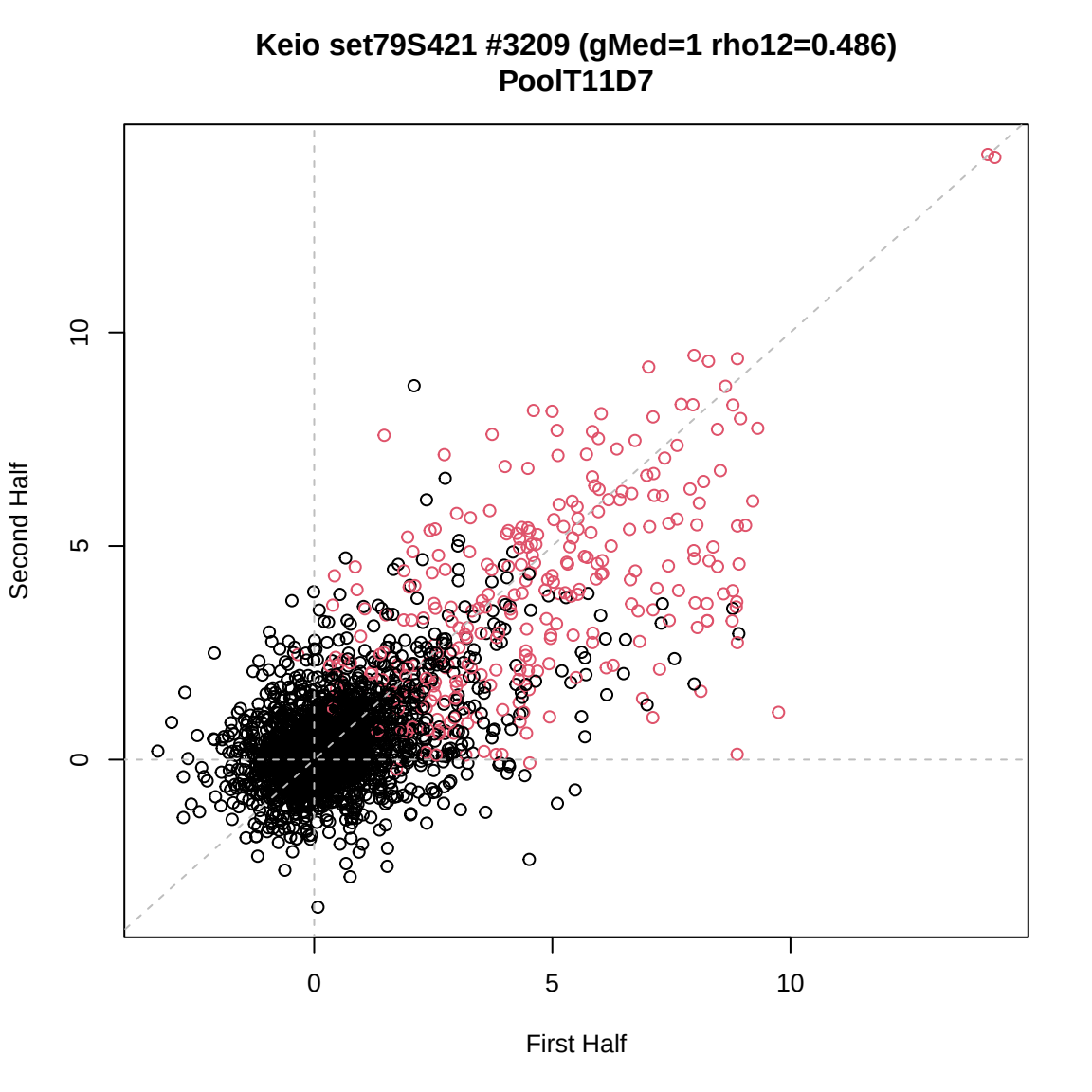

Keio set78S383 #3204 (gMed=356 rho12=0.052)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

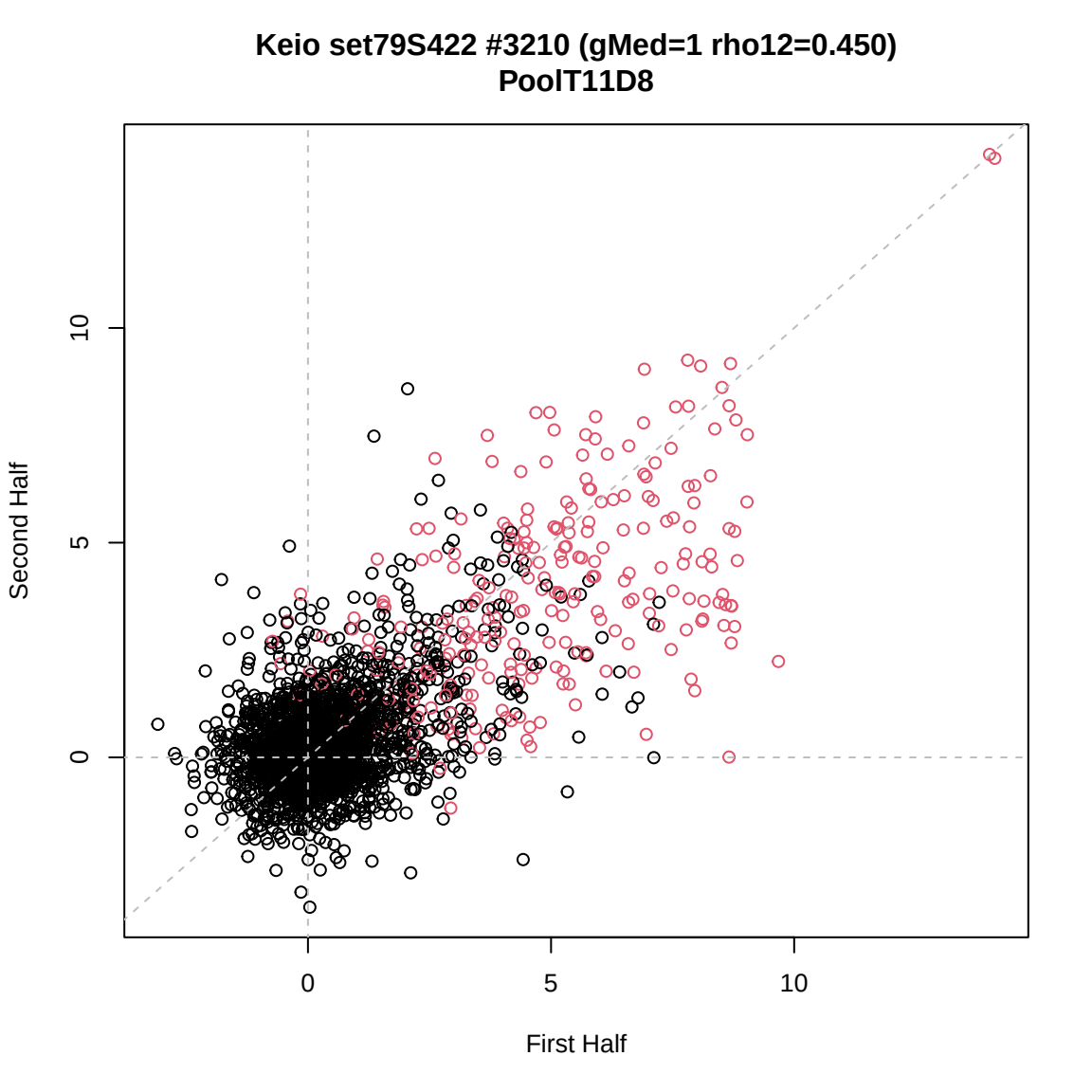

Keio set78S384 #3205 (gMed=354 rho12=0.061)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

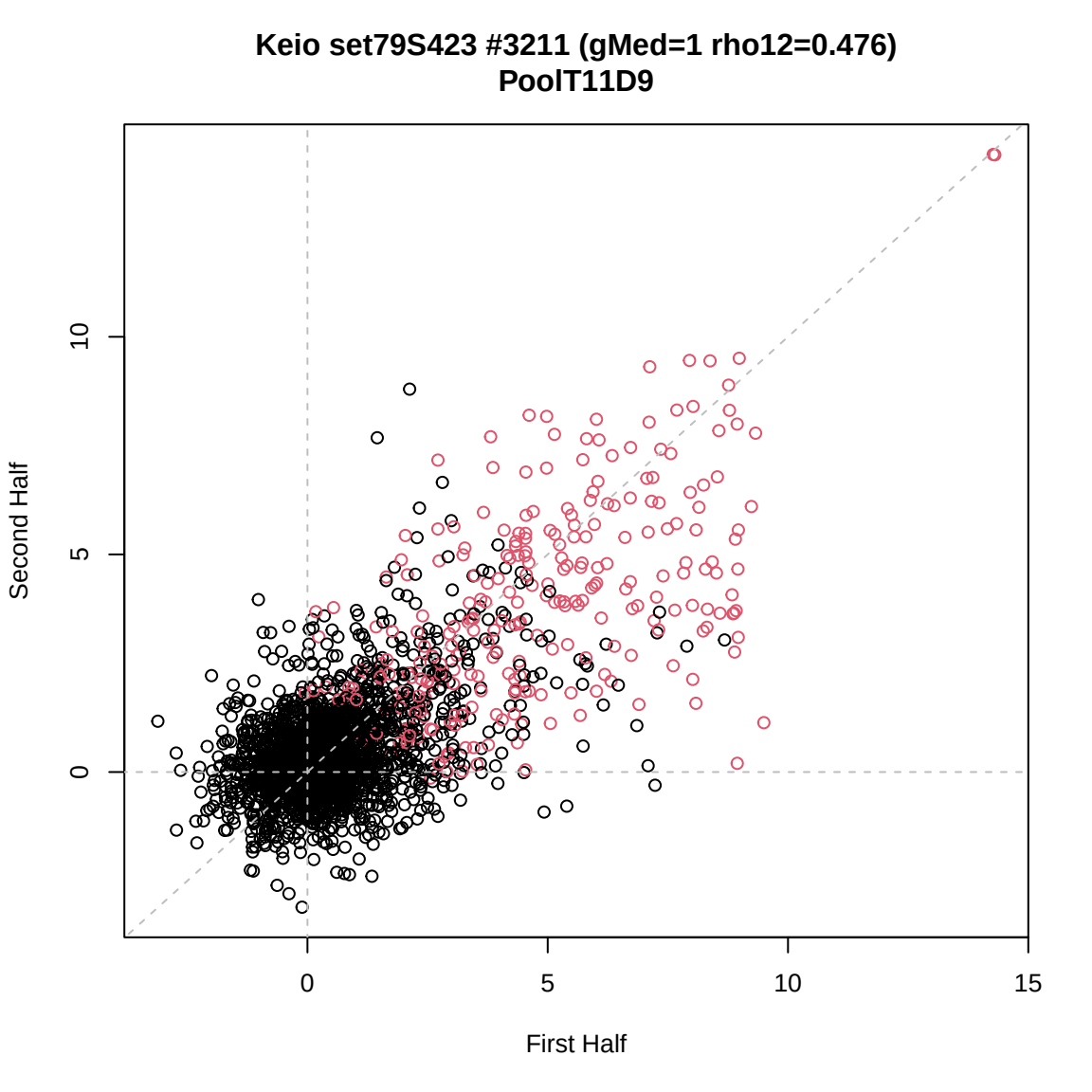

Keio set79S418 #3206 (gMed=1 rho12=0.446)
PoolT11D4
Second Half
First Half
0
5
10
0
5
10

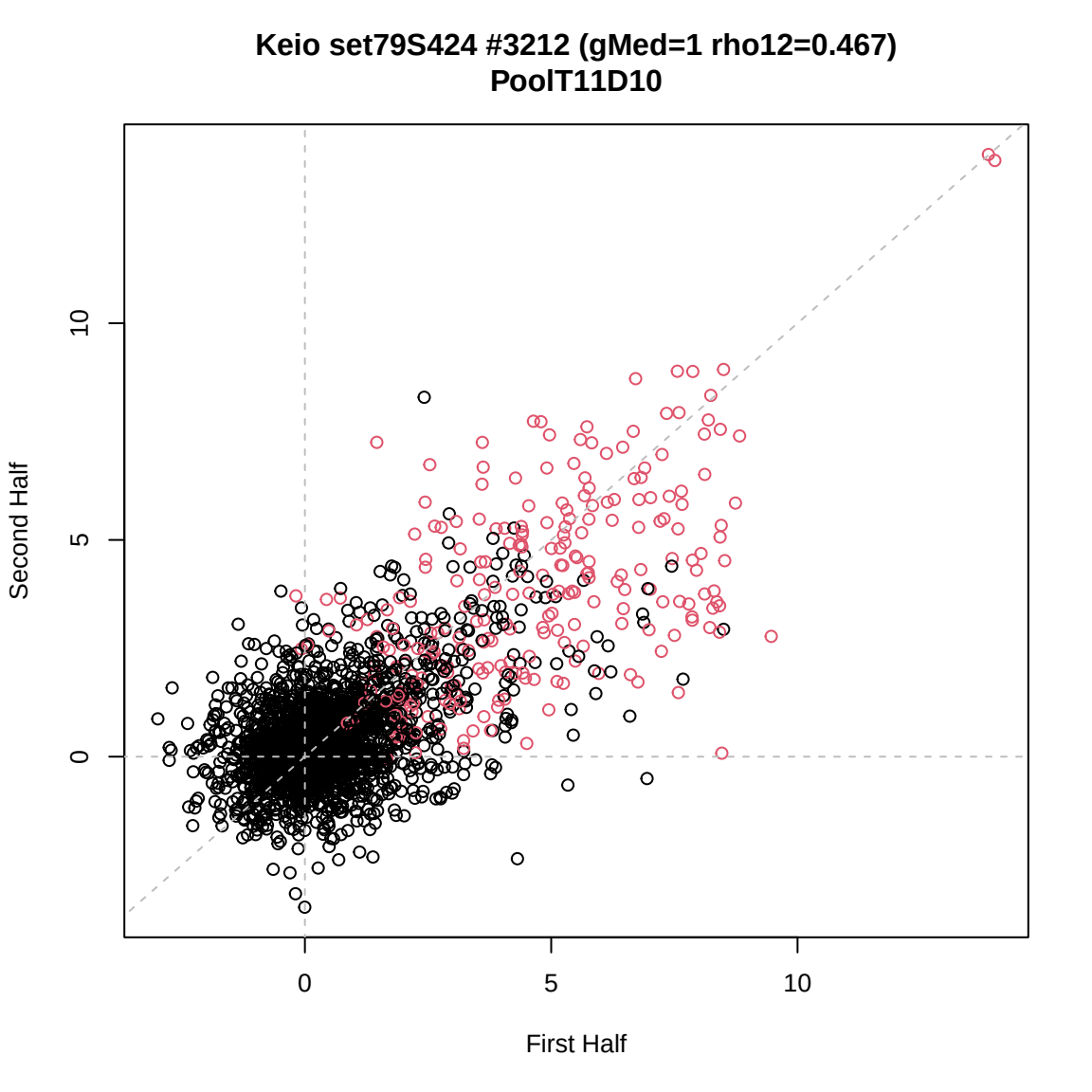

Keio set79S419 #3207 (gMed=1 rho12=0.440)
PoolT11D5
Second Half
First Half
0
5
10
0
5
10

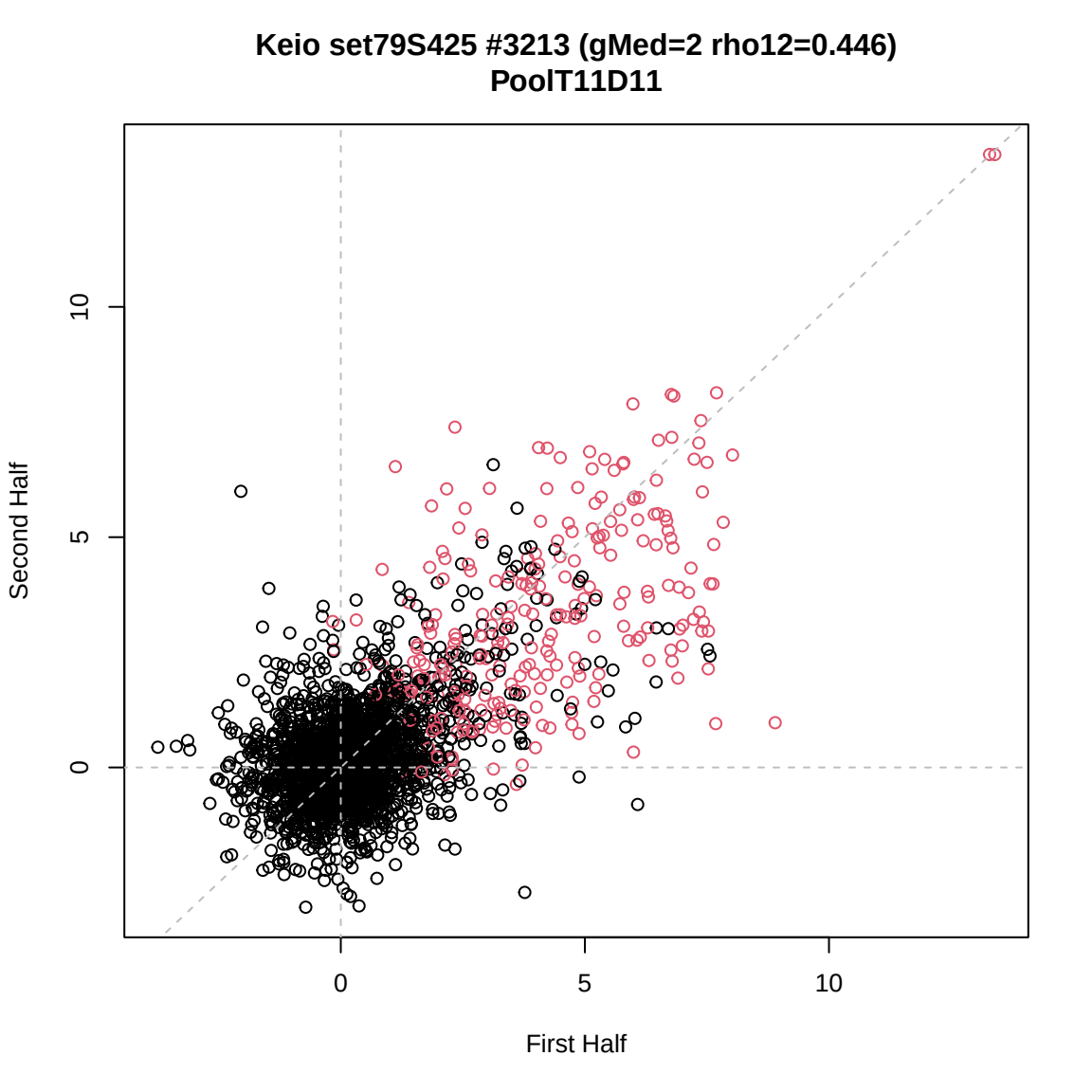

Keio set79S420 #3208 (gMed=4 rho12=0.388)
PoolT11D6
Second Half
First Half
0
5
10
0
5
10

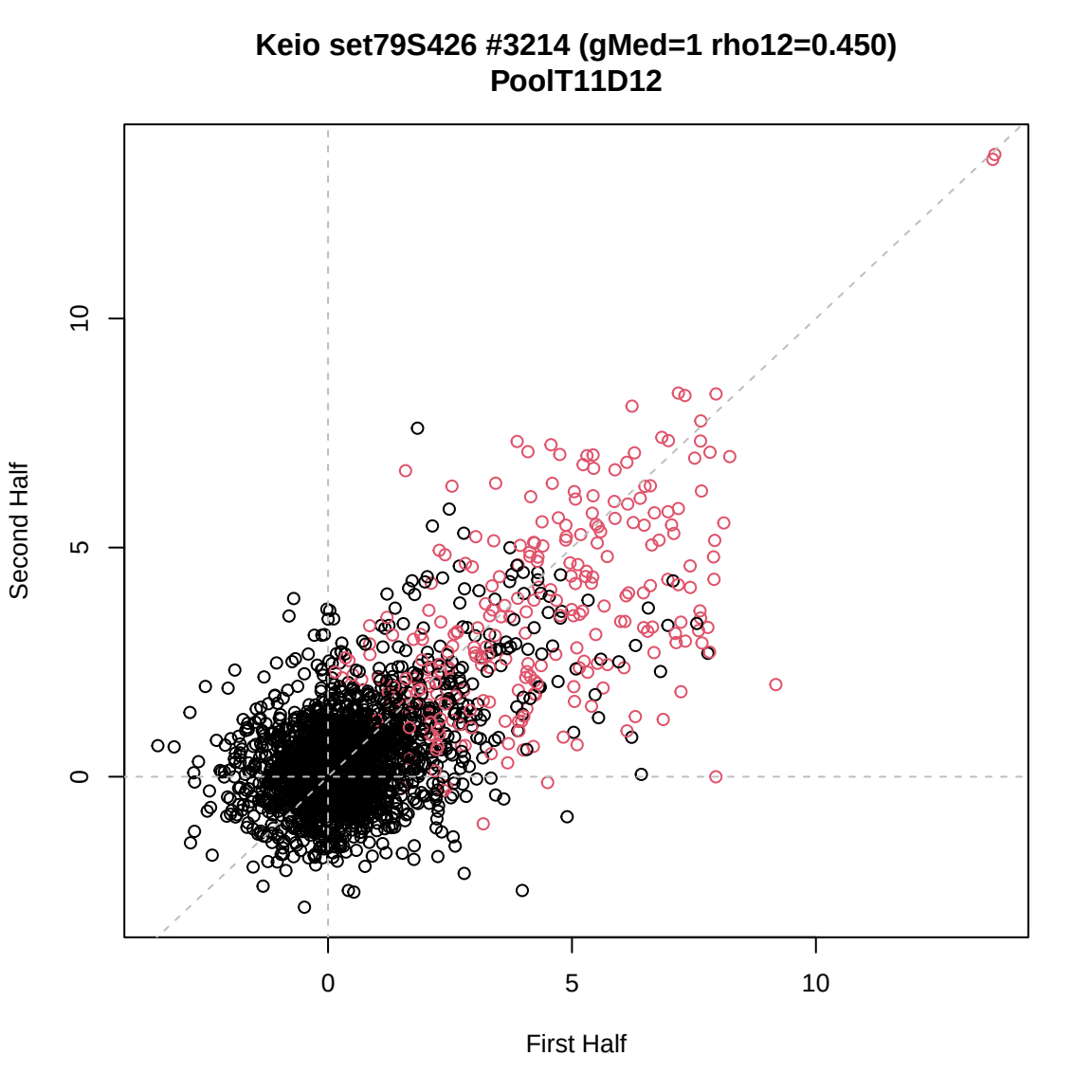

Keio set79S421 #3209 (gMed=1 rho12=0.486)
PoolT11D7
Second Half
First Half
0
5
10
0
5
10

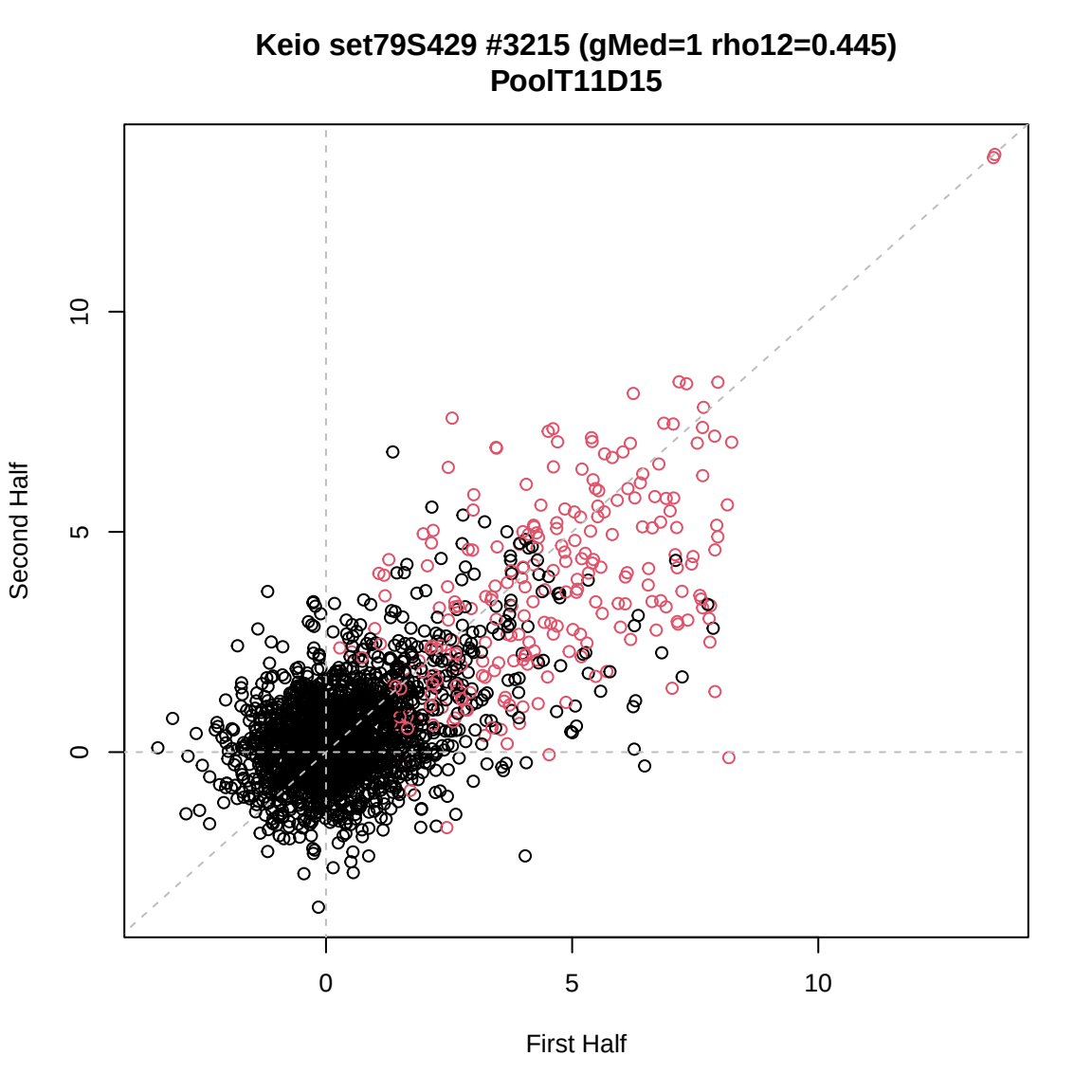

Keio set79S422 #3210 (gMed=1 rho12=0.450)
PoolT11D8
Second Half
First Half
0
5
10
0
5
10

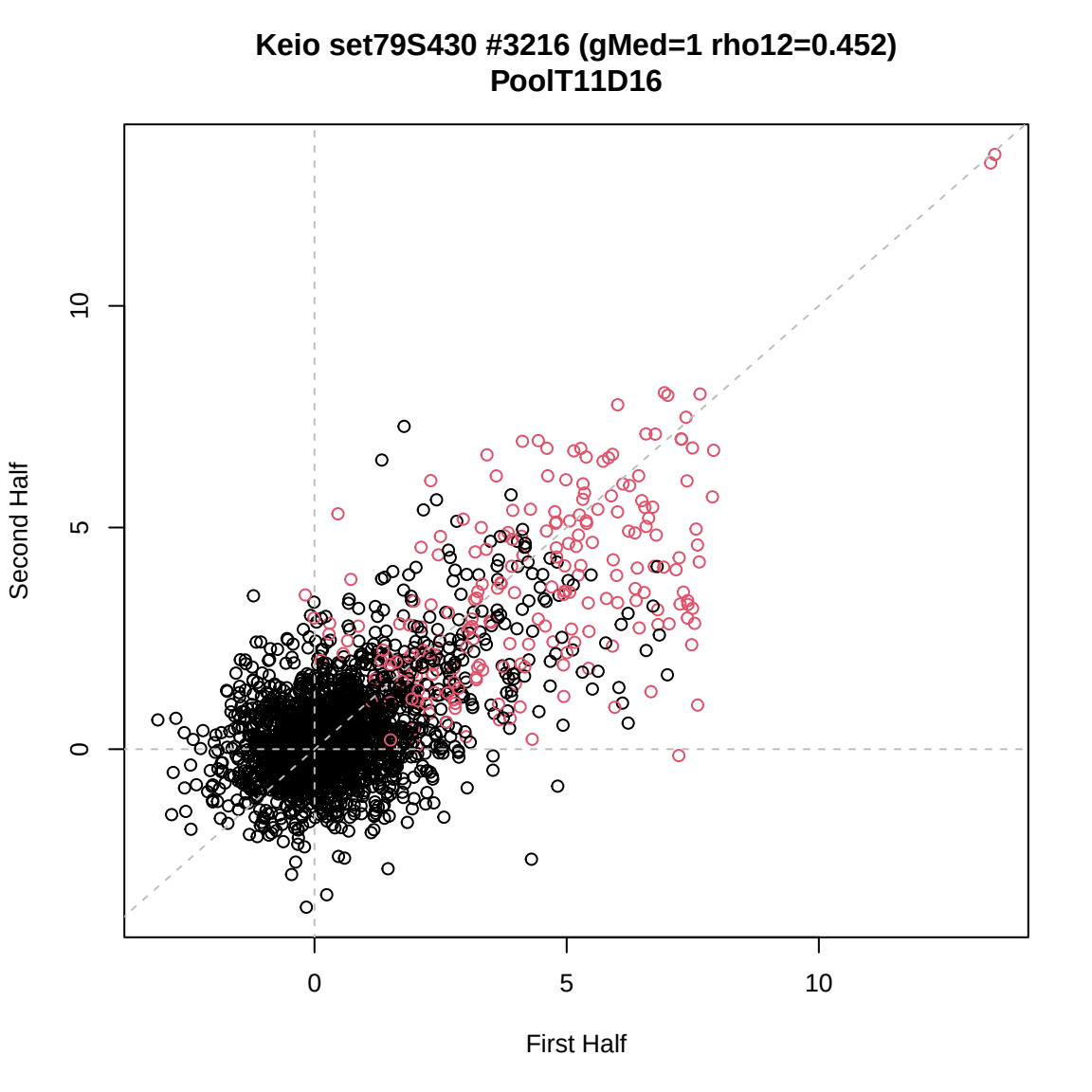

Keio set79S423 #3211 (gMed=1 rho12=0.476)
PoolT11D9
Second Half
First Half
0
5
10
15
0
5
10

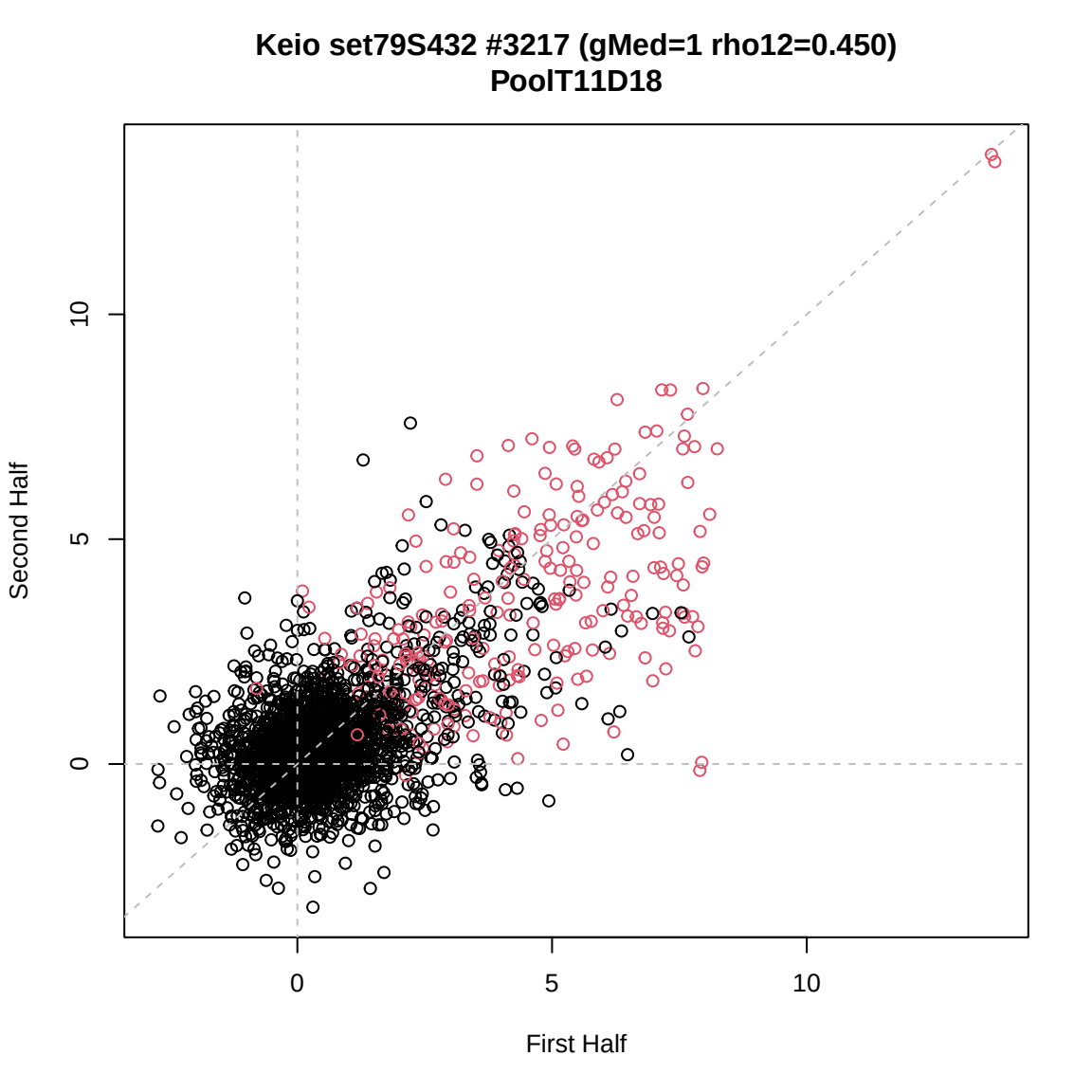

Keio set79S424 #3212 (gMed=1 rho12=0.467)
PoolT11D10
Second Half
First Half
0
5
10
0
5
10

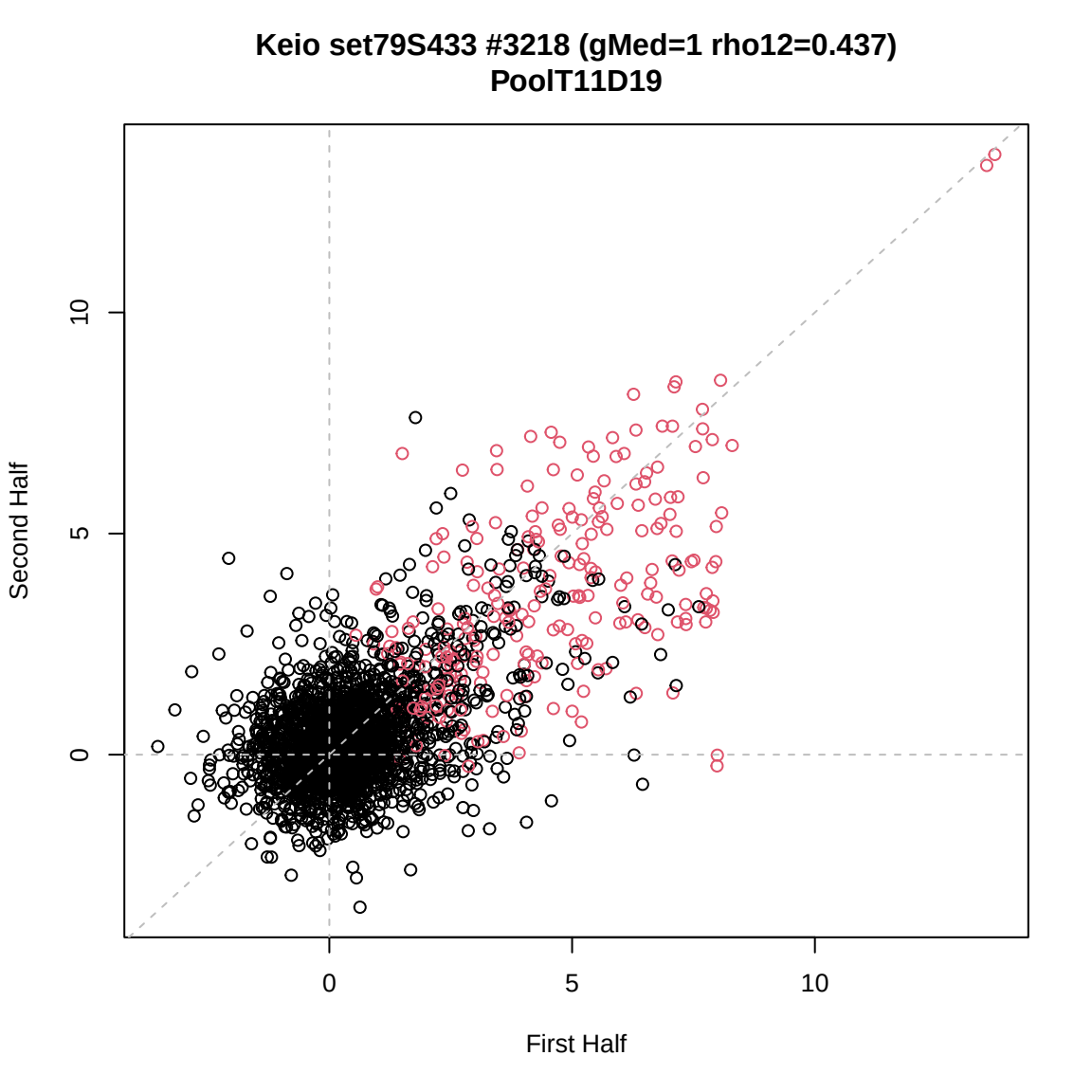

Keio set79S425 #3213 (gMed=2 rho12=0.446)
PoolT11D11
Second Half
First Half
0
5
10
0
5
10

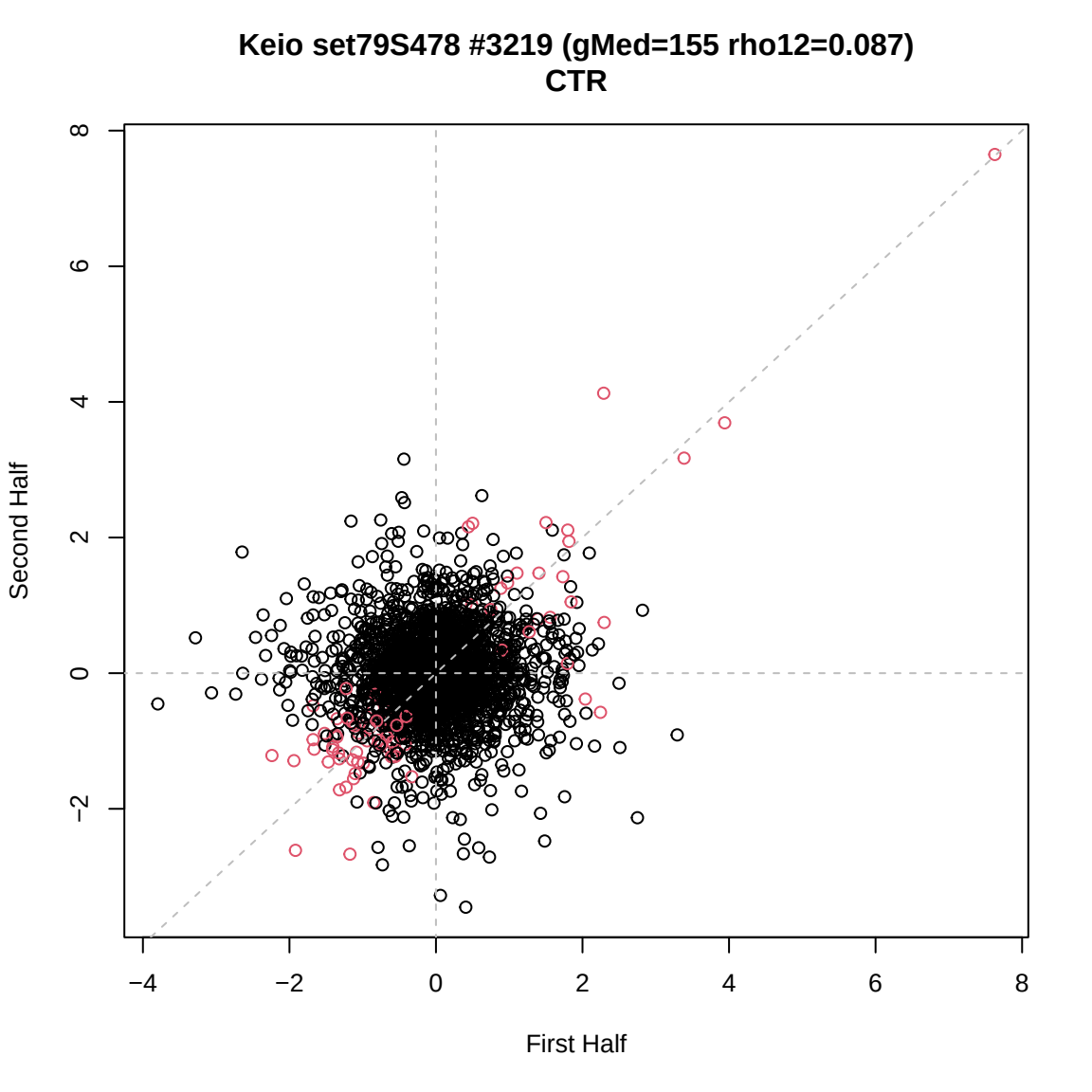

Keio set79S426 #3214 (gMed=1 rho12=0.450)
PoolT11D12
Second Half
First Half
0
5
10
0
5
10

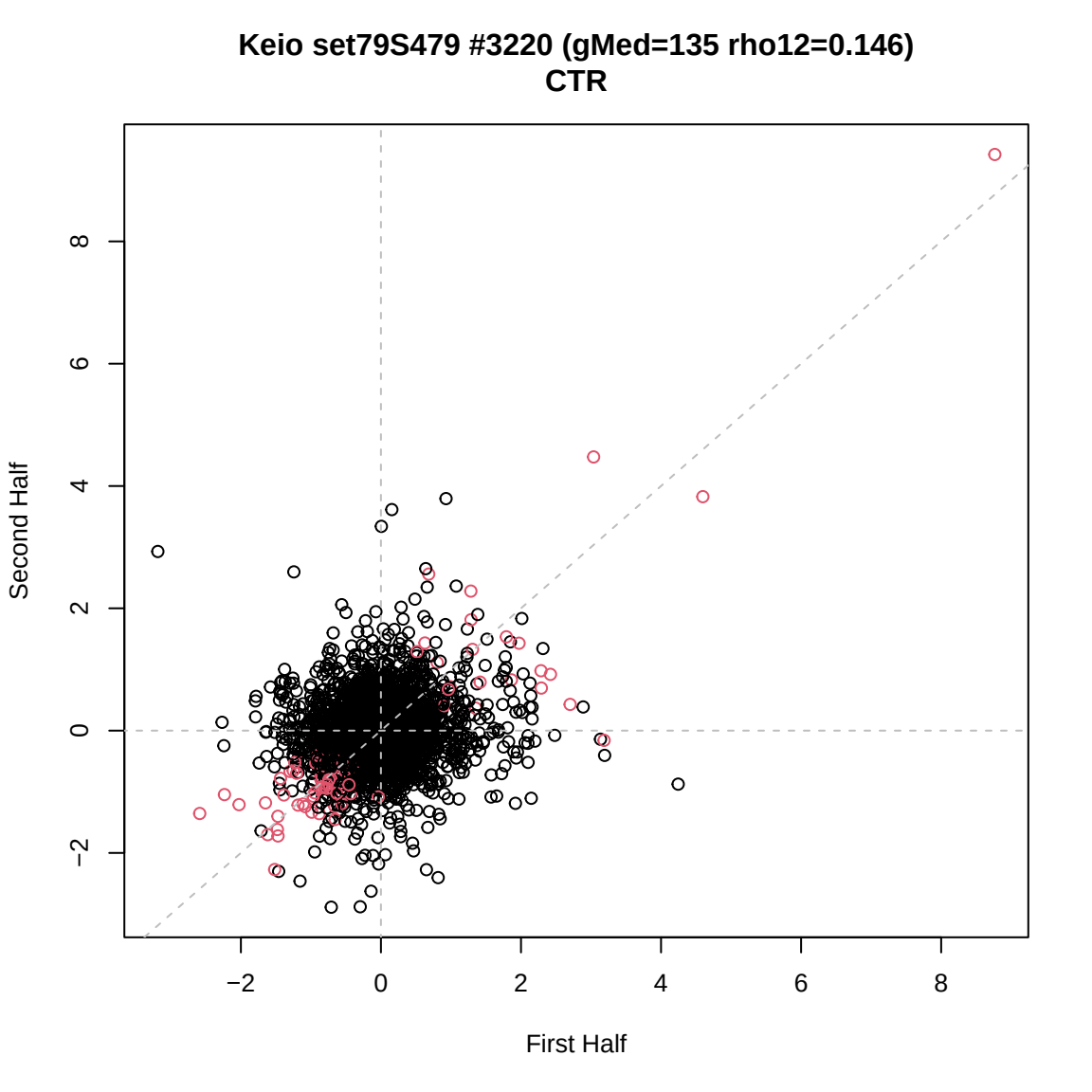

Keio set79S429 #3215 (gMed=1 rho12=0.445)
PoolT11D15
Second Half
First Half
0
5
10
0
5
10

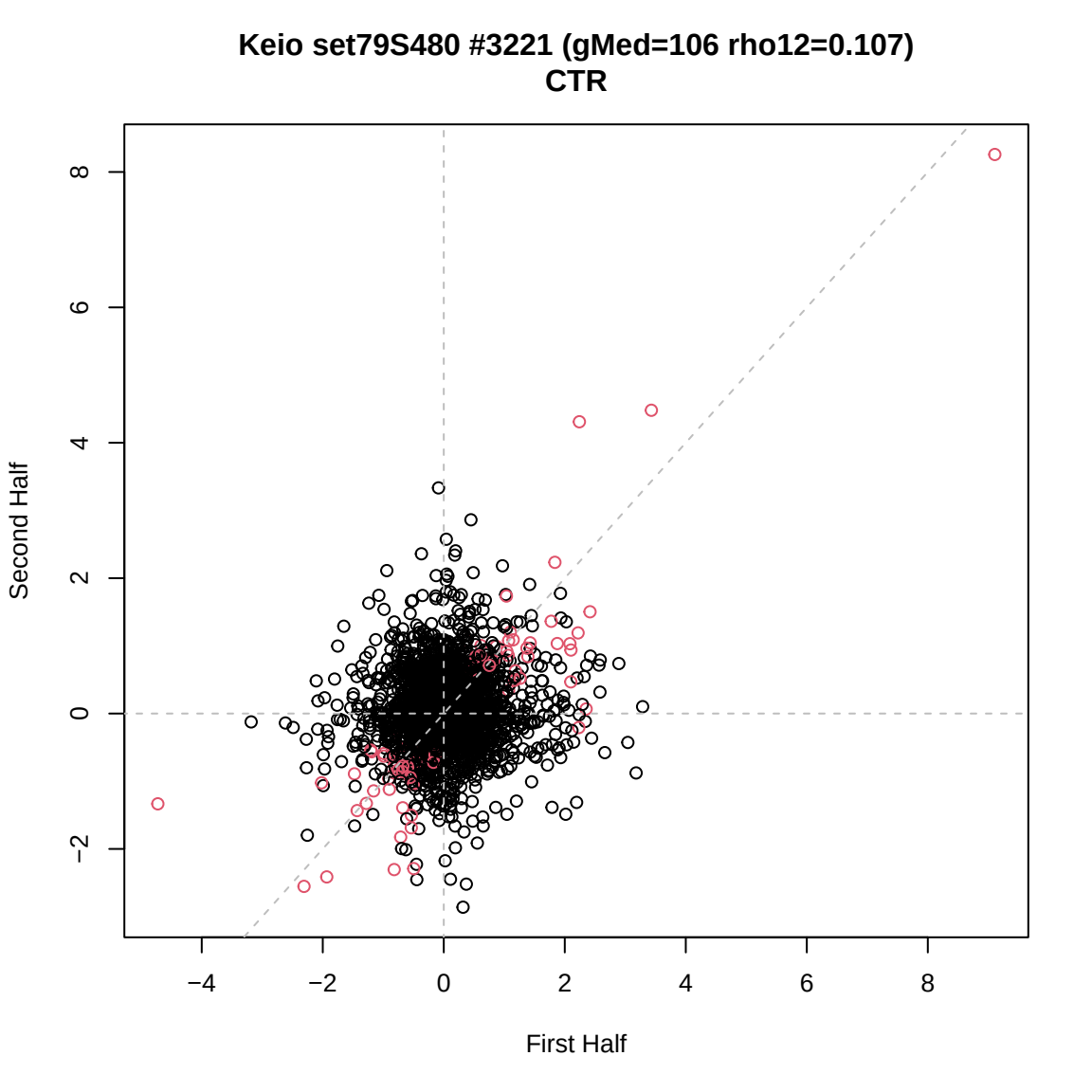

Keio set79S430 #3216 (gMed=1 rho12=0.452)
PoolT11D16
Second Half
First Half
0
5
10
0
5
10

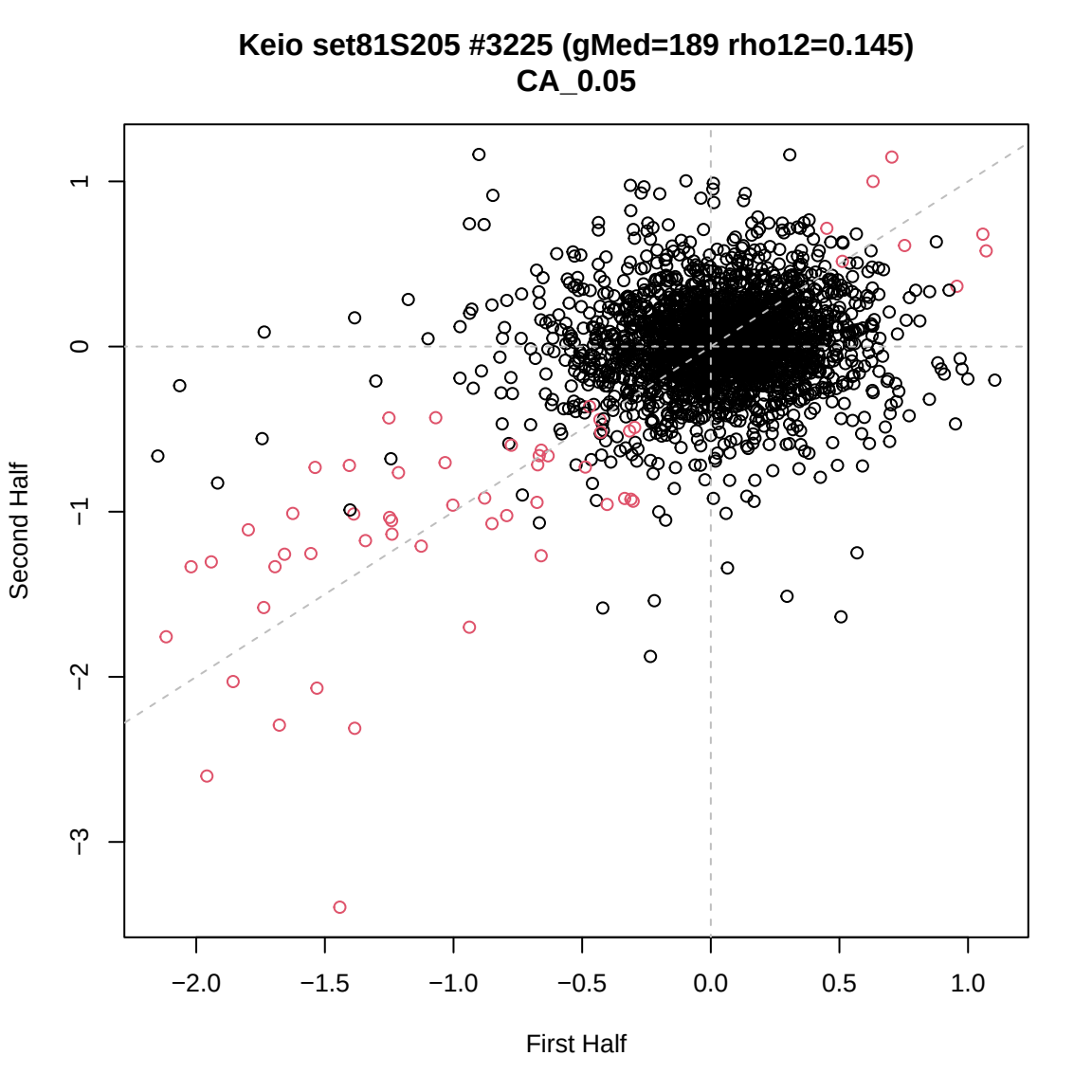

Keio set79S432 #3217 (gMed=1 rho12=0.450)
PoolT11D18
Second Half
First Half
0
5
10
0
5
10

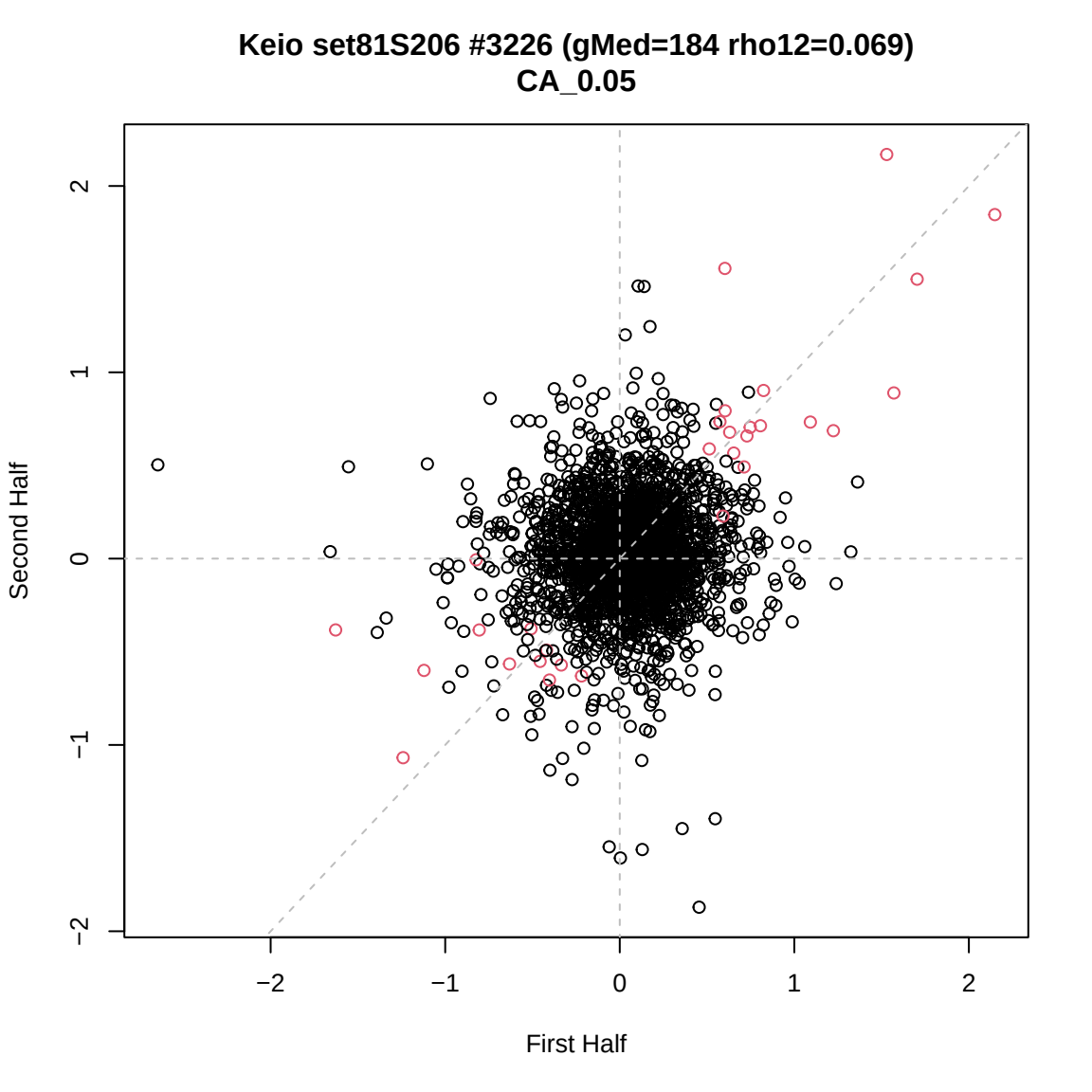

Keio set79S433 #3218 (gMed=1 rho12=0.437)
PoolT11D19
Second Half
First Half
0
5
10
0
5
10

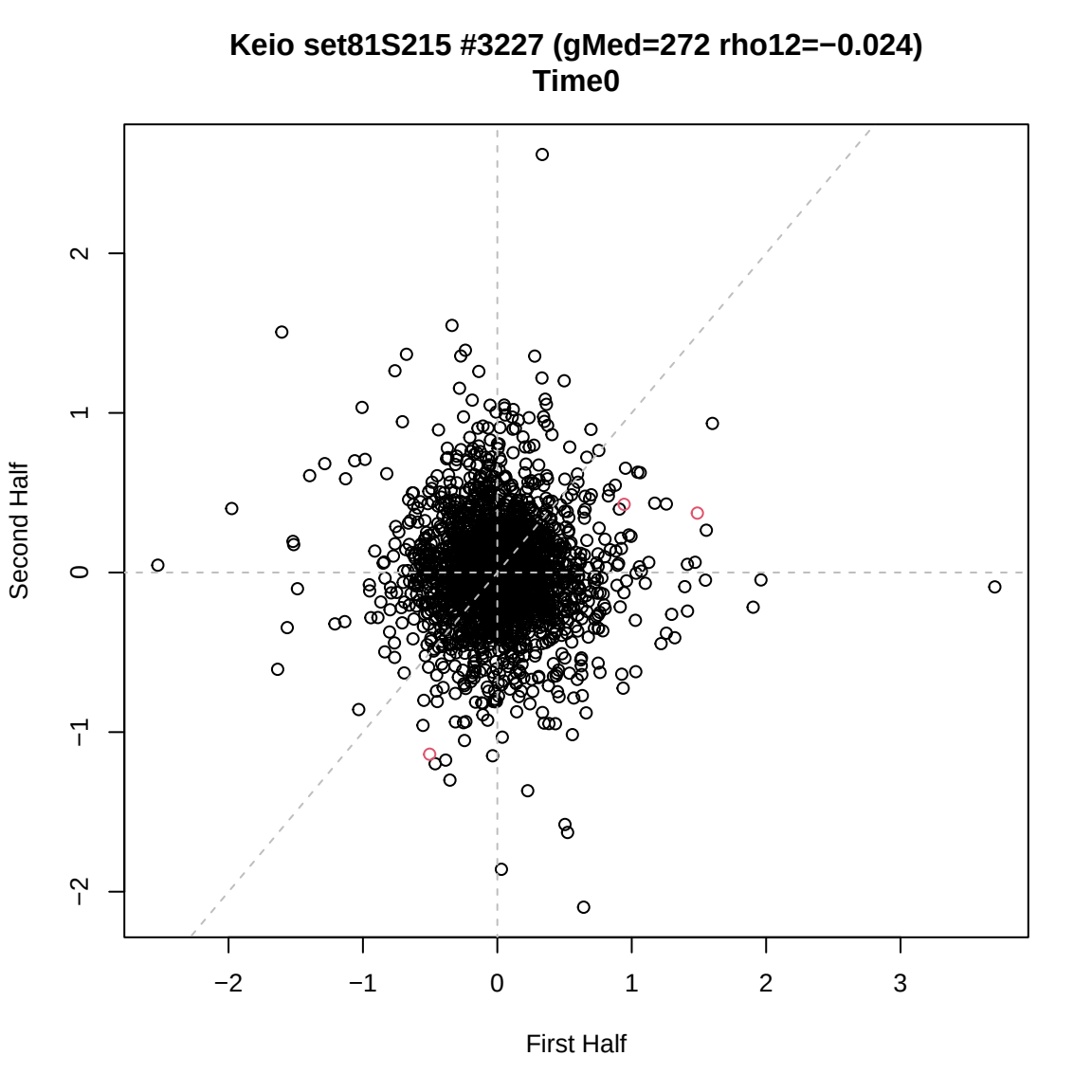

Keio set79S478 #3219 (gMed=155 rho12=0.087)
CTR
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

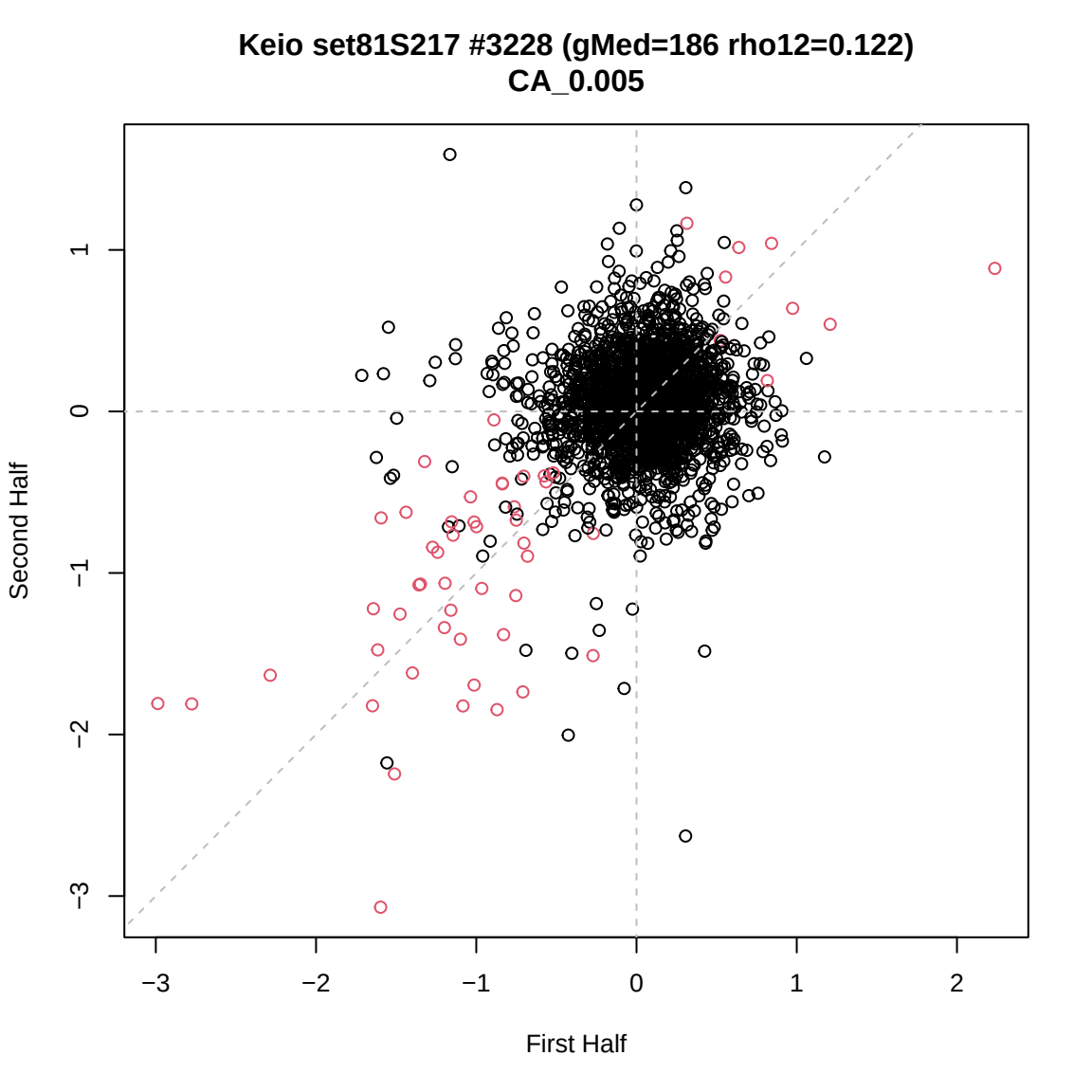

Keio set79S479 #3220 (gMed=135 rho12=0.146)
CTR
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

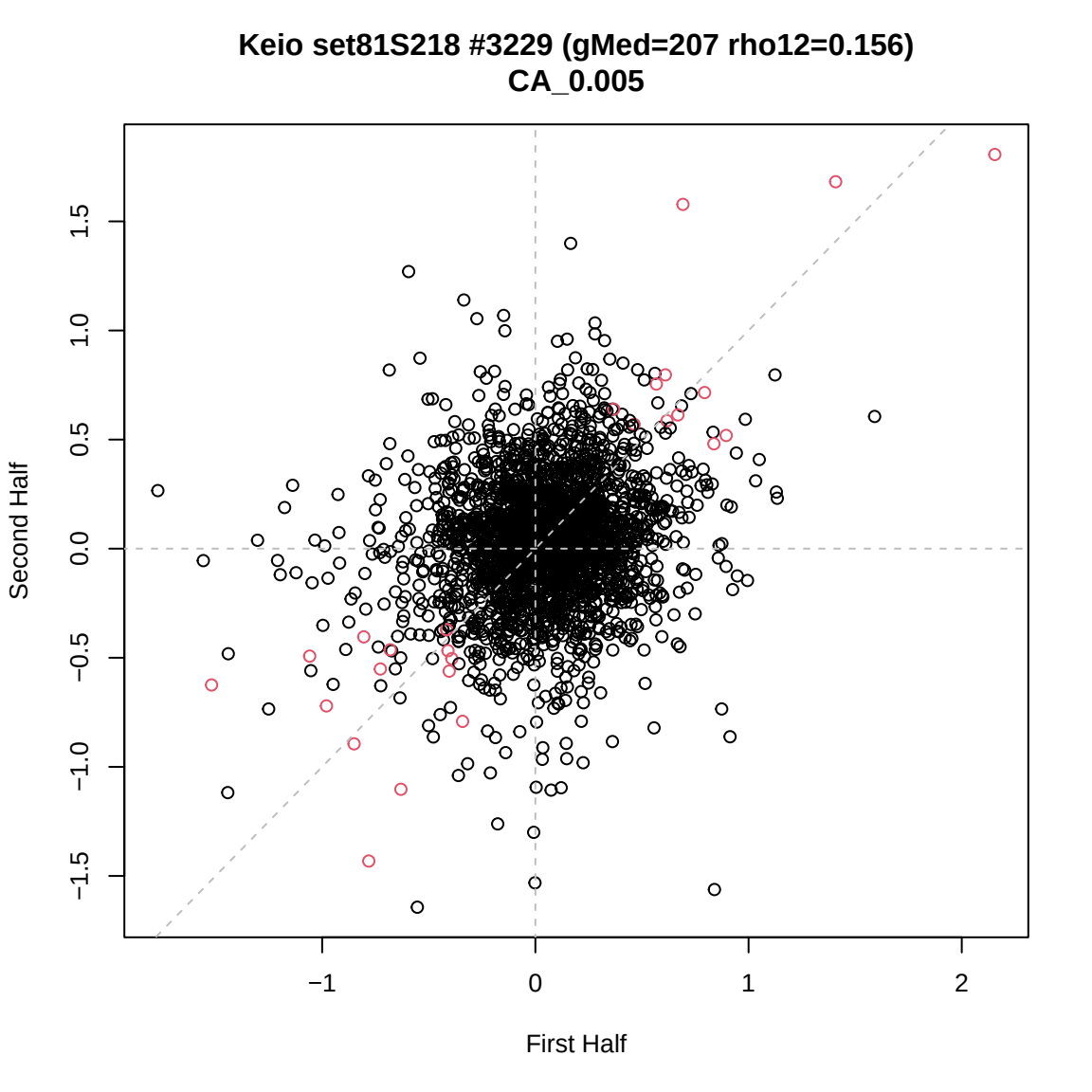

Keio set79S480 #3221 (gMed=106 rho12=0.107)
CTR
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

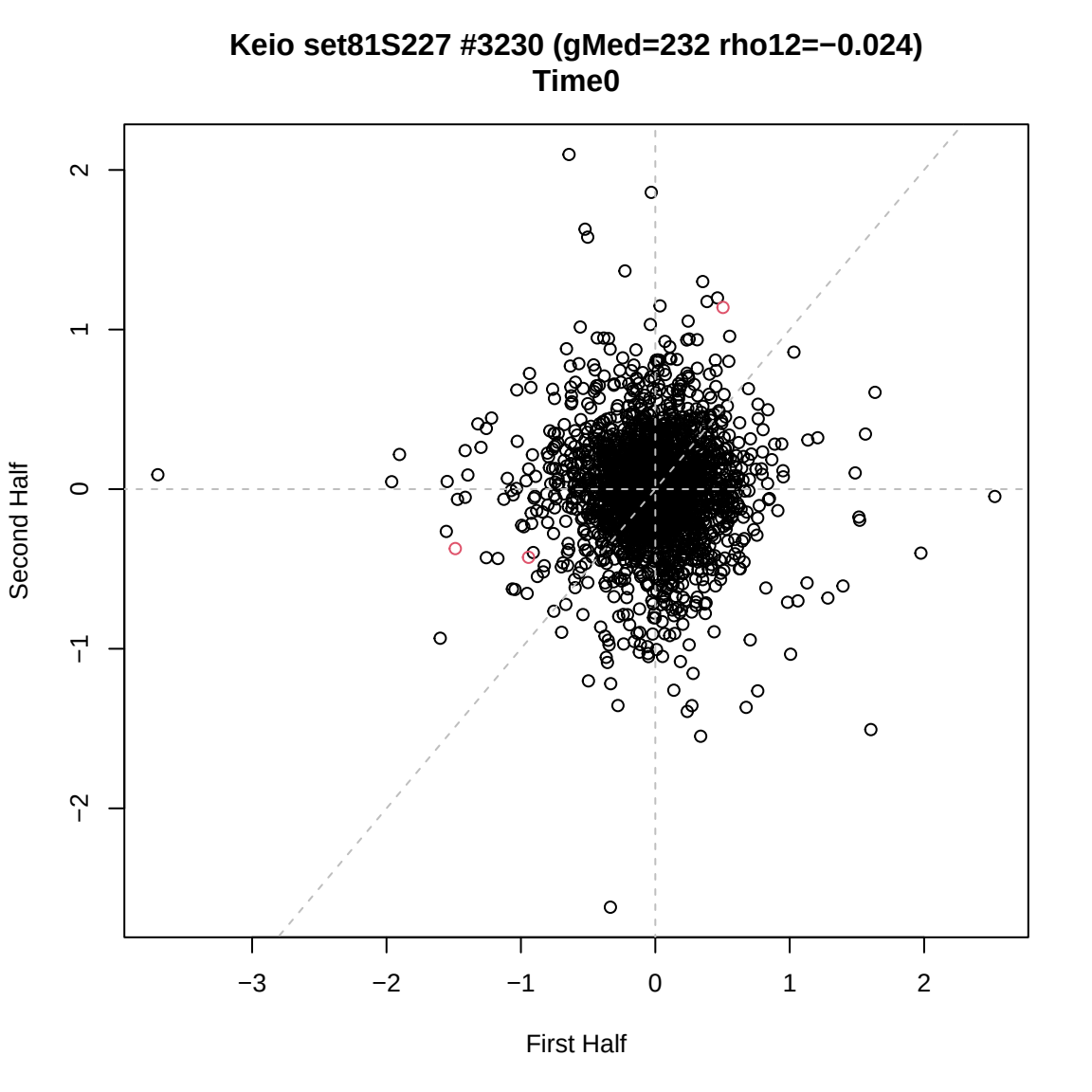

Keio set81S205 #3225 (gMed=189 rho12=0.145)
CA_0.05
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

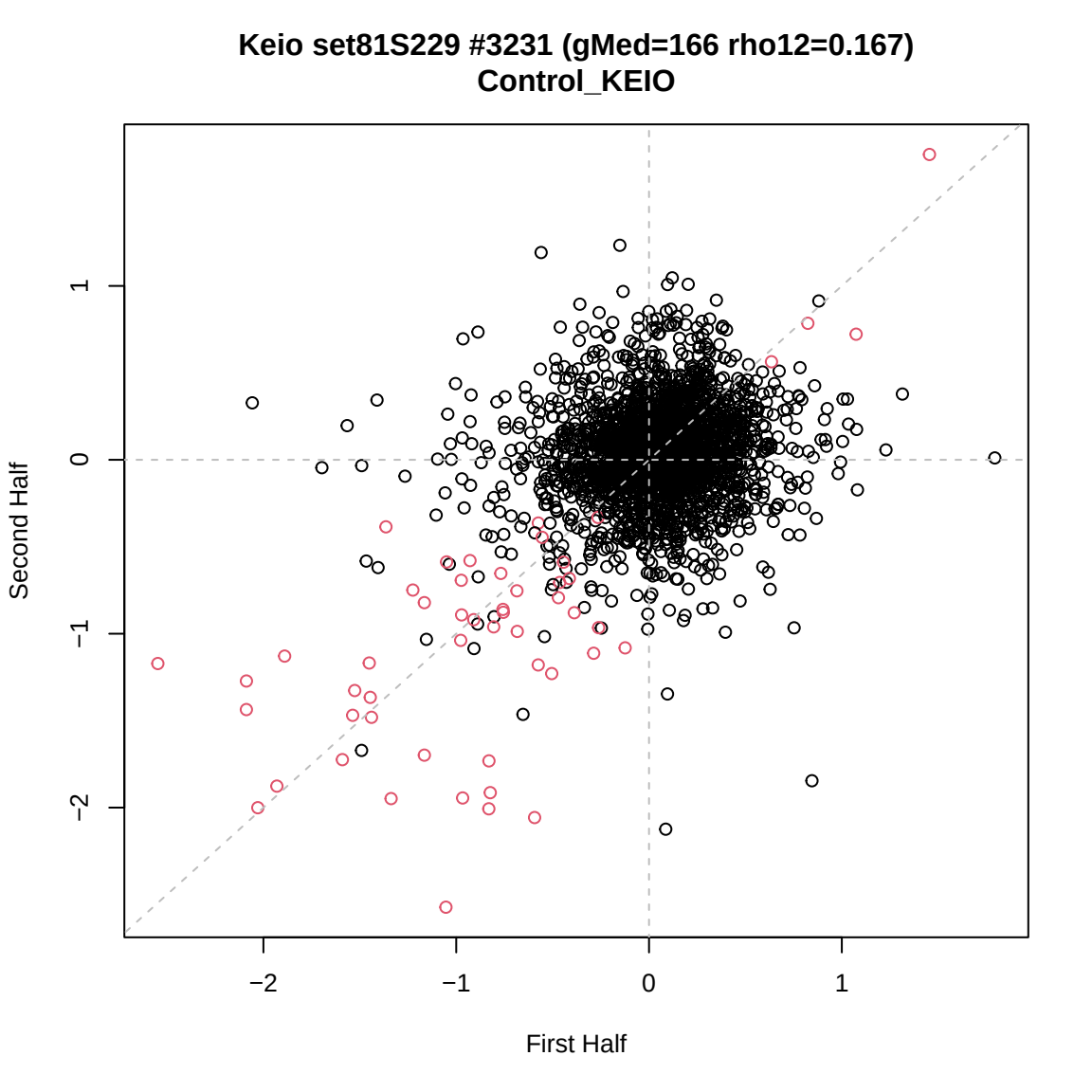

Keio set81S206 #3226 (gMed=184 rho12=0.069)
CA_0.05
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

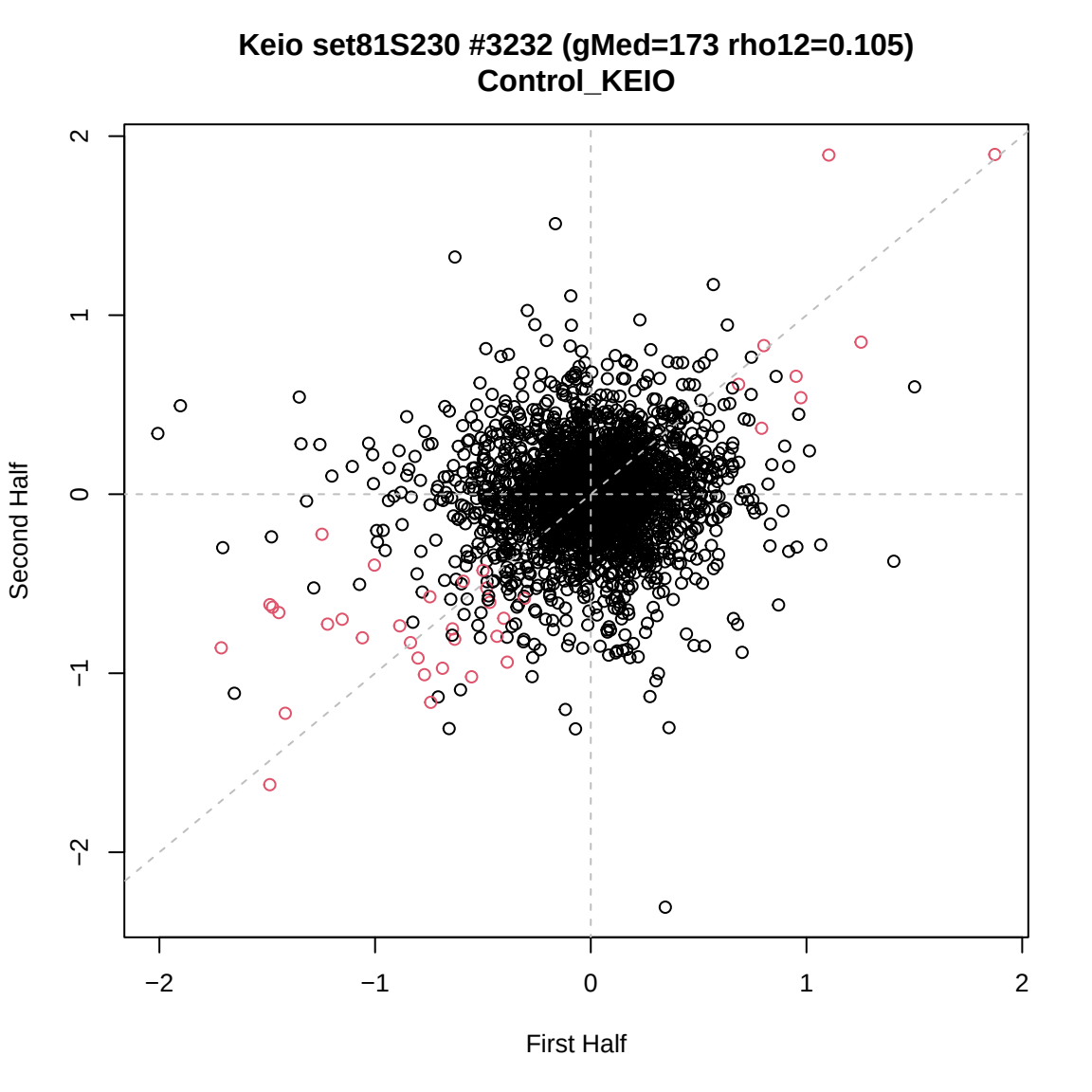

Keio set81S215 #3227 (gMed=272 rho12=−0.024)
Time0
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2
3

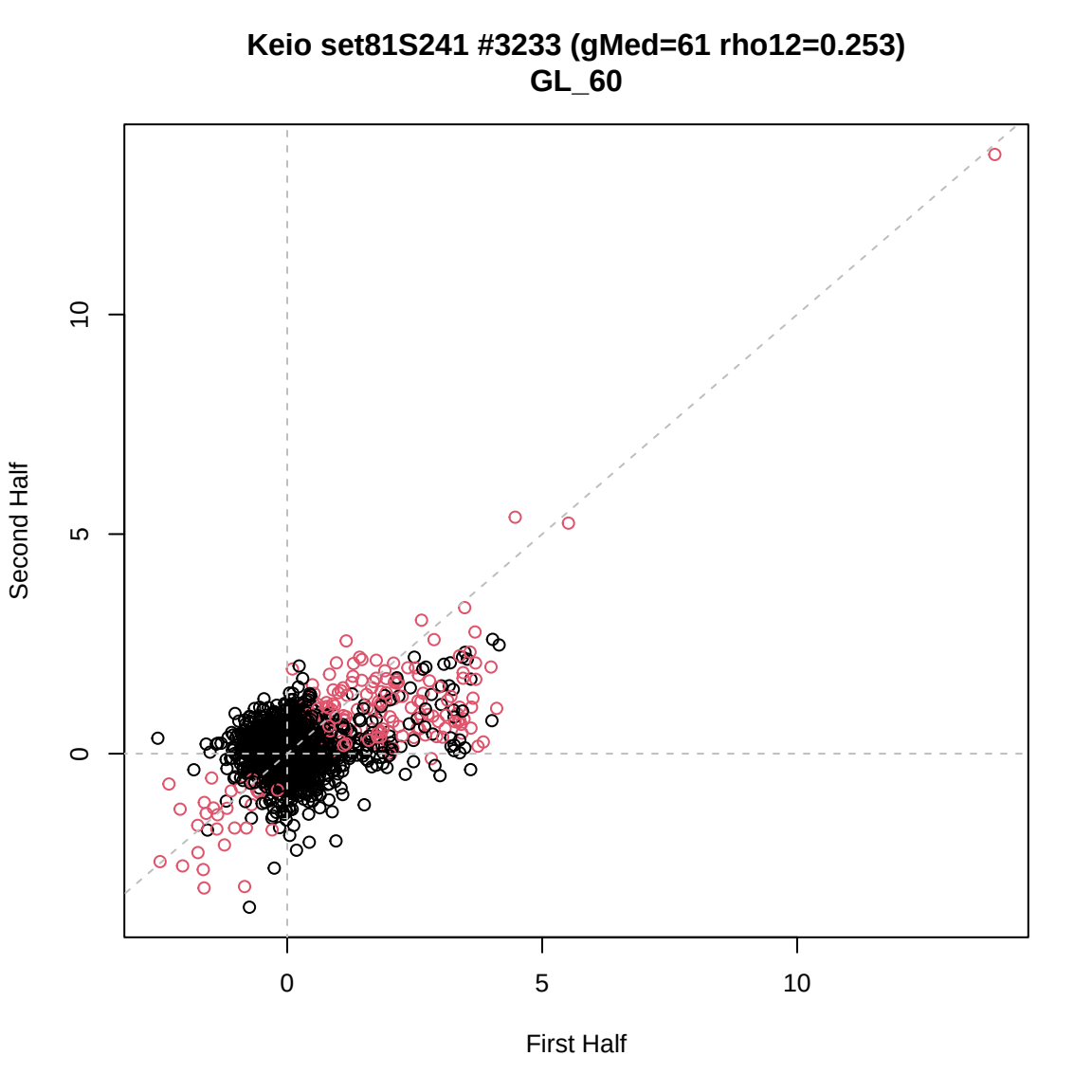

Keio set81S217 #3228 (gMed=186 rho12=0.122)
CA_0.005
Second Half
First Half
−3
−2
−1
0
1
2
−3
−2
−1
0
1

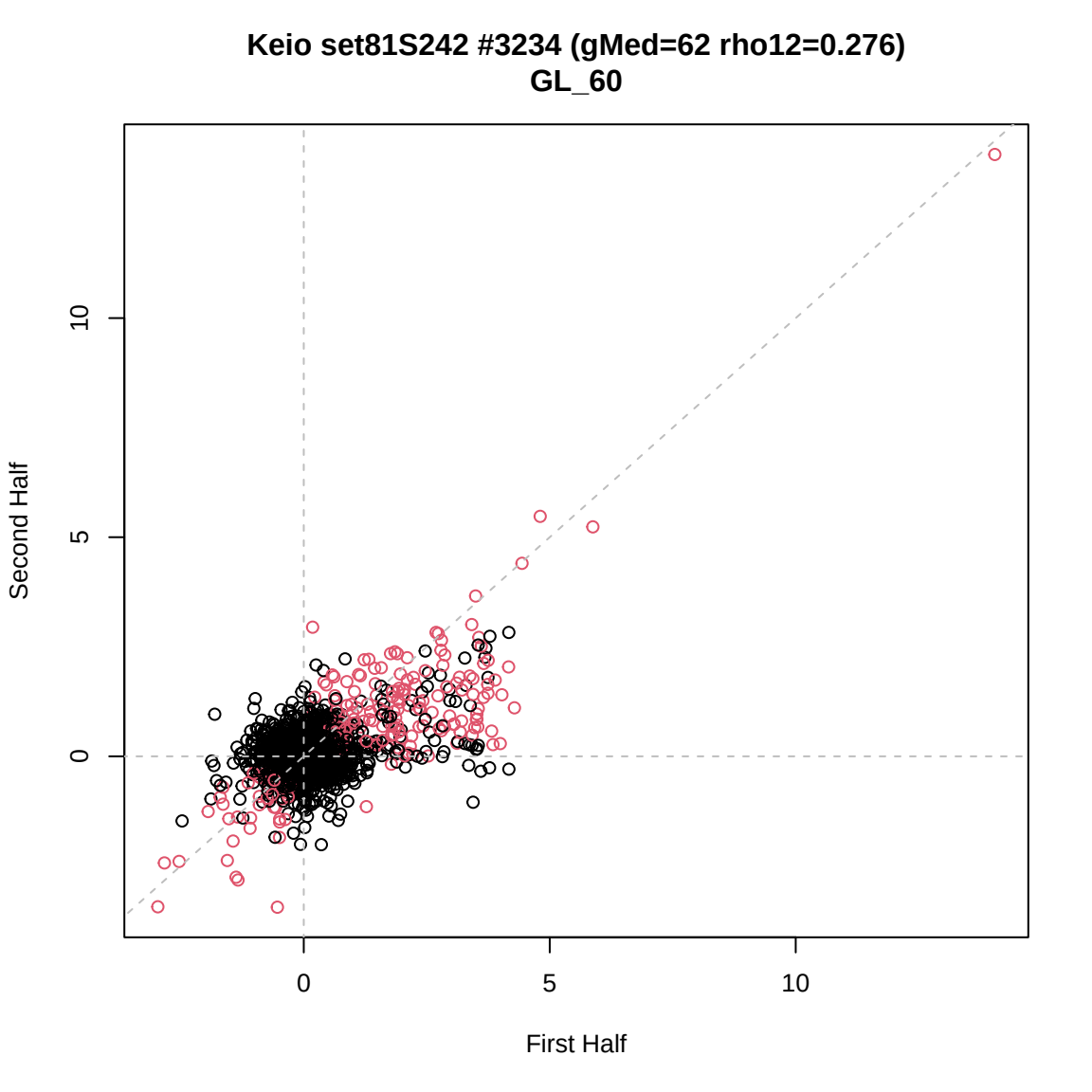

Keio set81S218 #3229 (gMed=207 rho12=0.156)
CA_0.005
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1
0
1
2

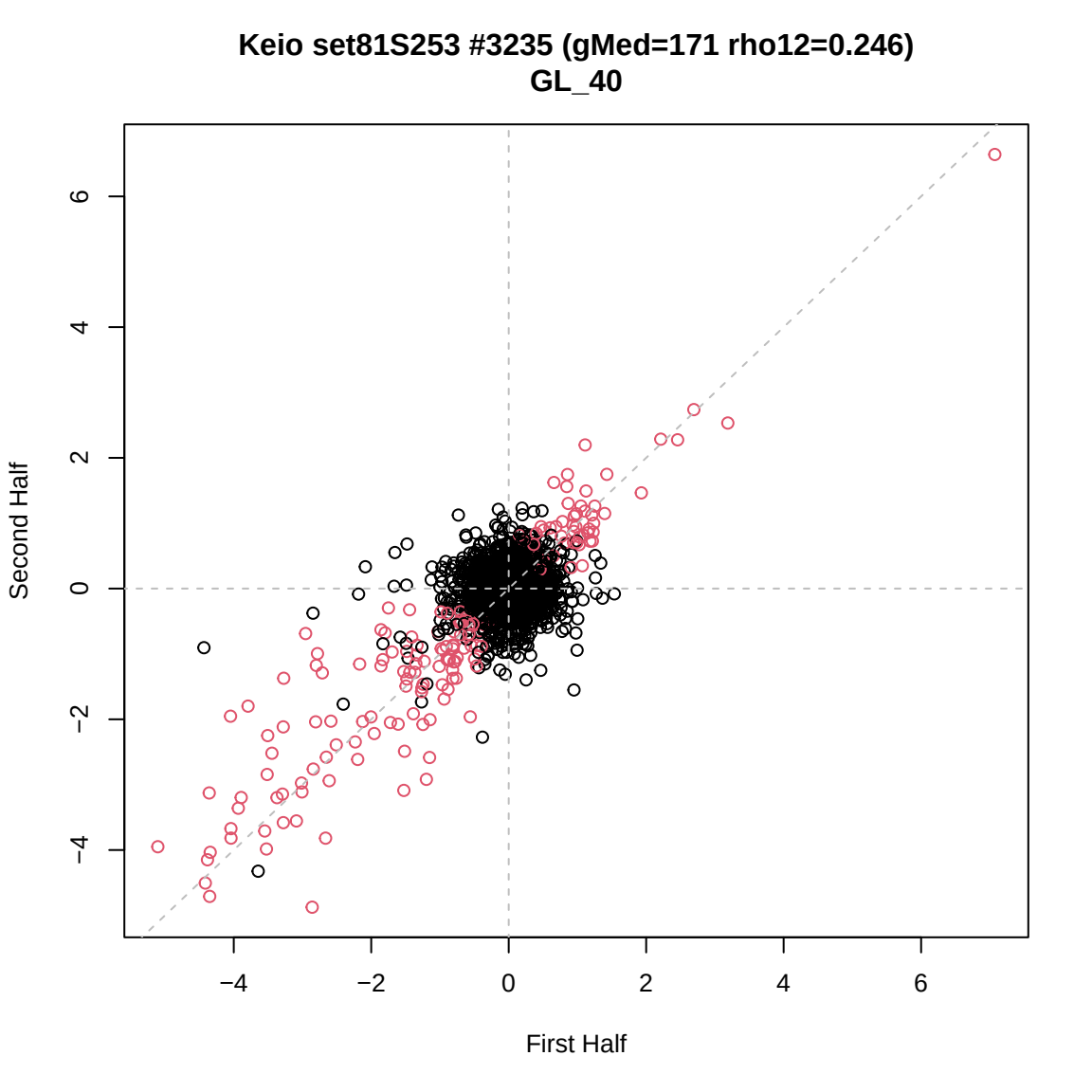

Keio set81S227 #3230 (gMed=232 rho12=−0.024)
Time0
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

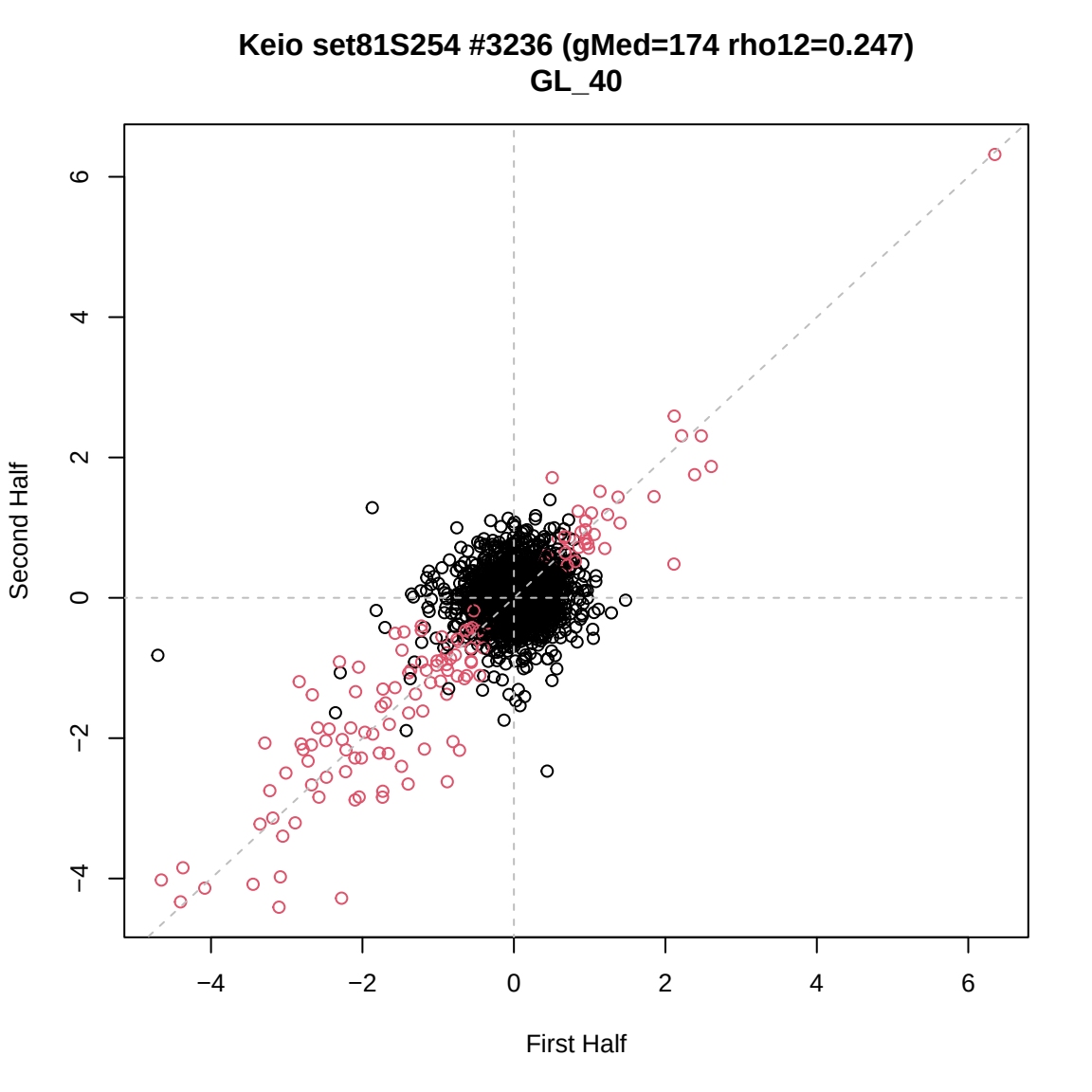

Keio set81S229 #3231 (gMed=166 rho12=0.167)
Control_KEIO
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

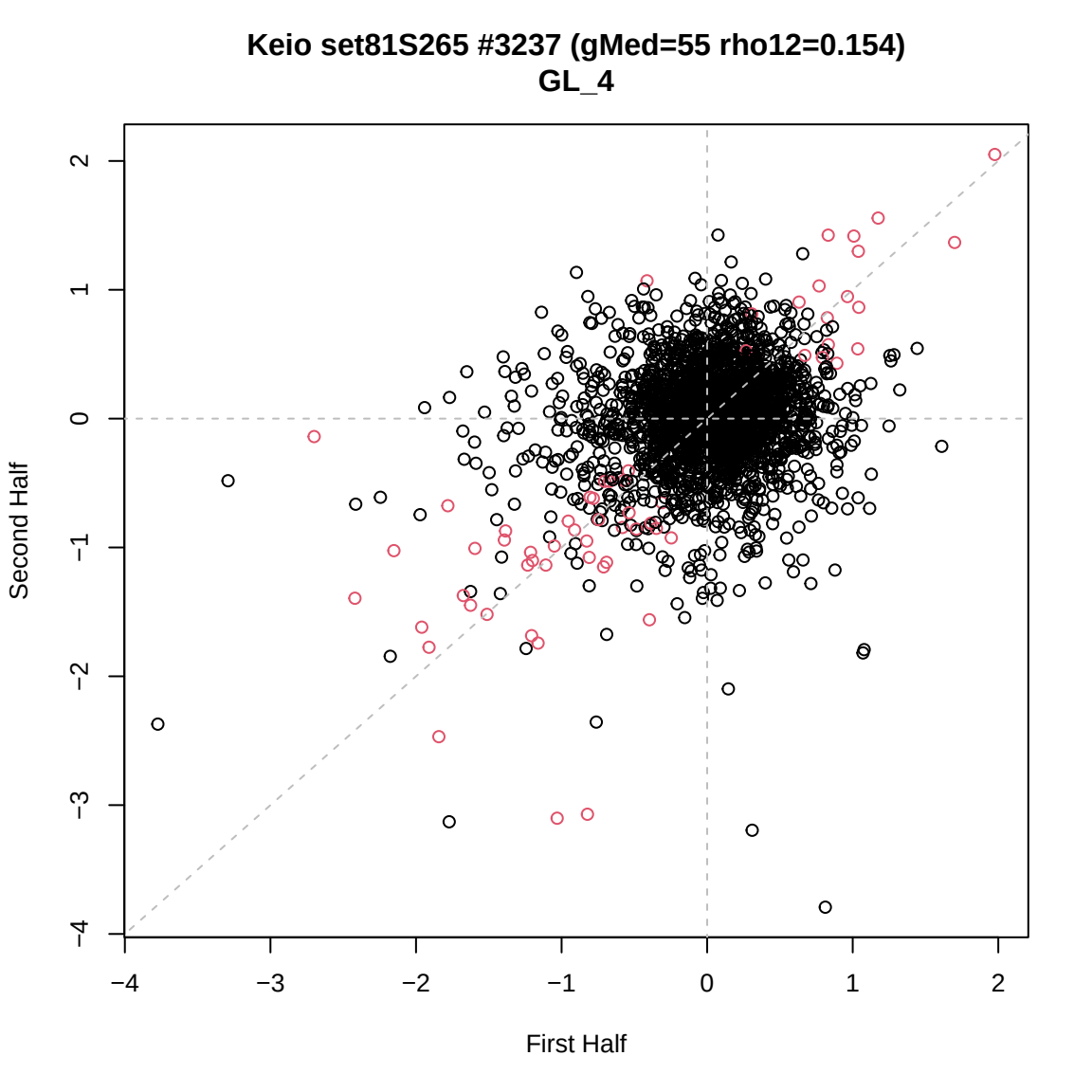

Keio set81S230 #3232 (gMed=173 rho12=0.105)
Control_KEIO
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

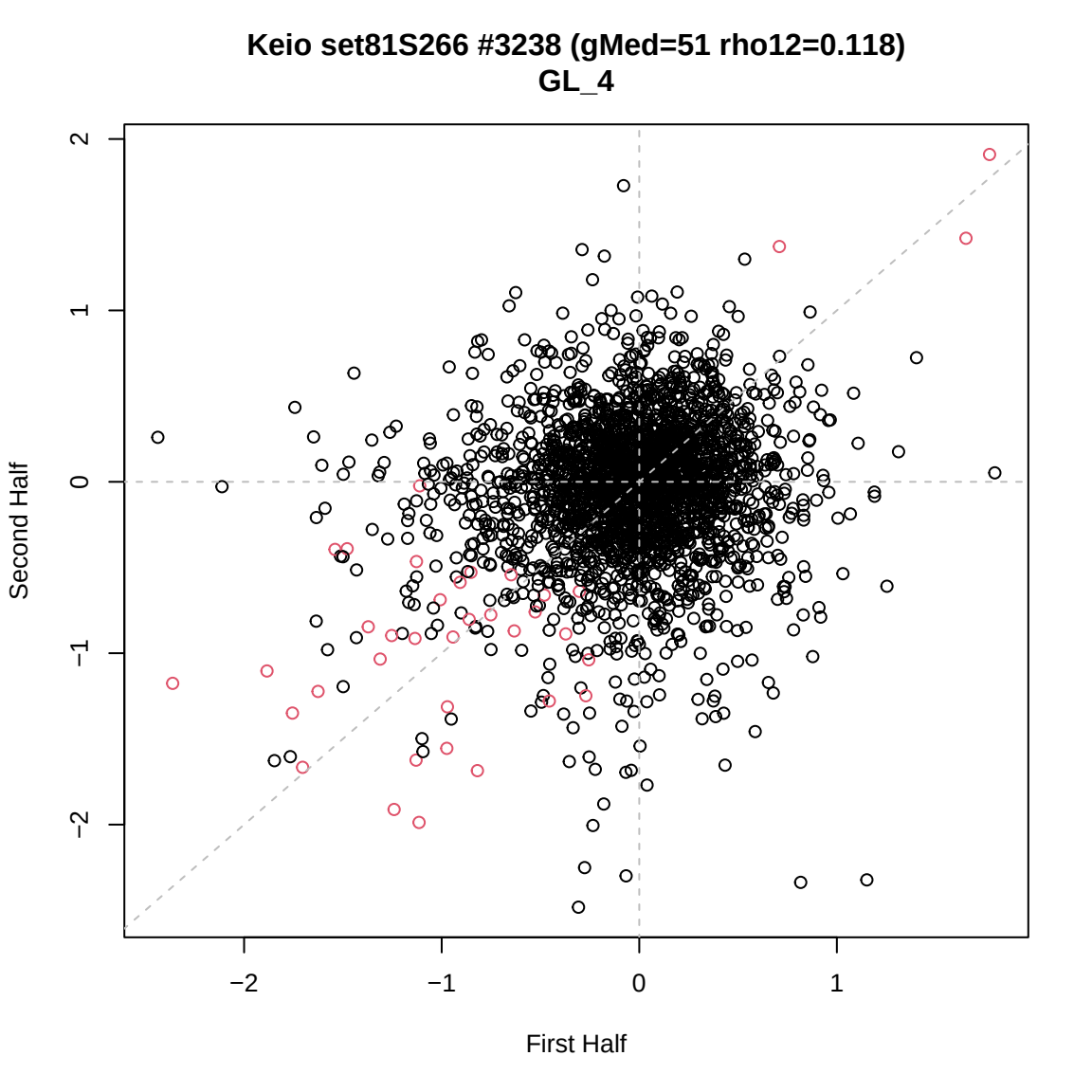

Keio set81S241 #3233 (gMed=61 rho12=0.253)
GL_60
Second Half
First Half
0
5
10
0
5
10

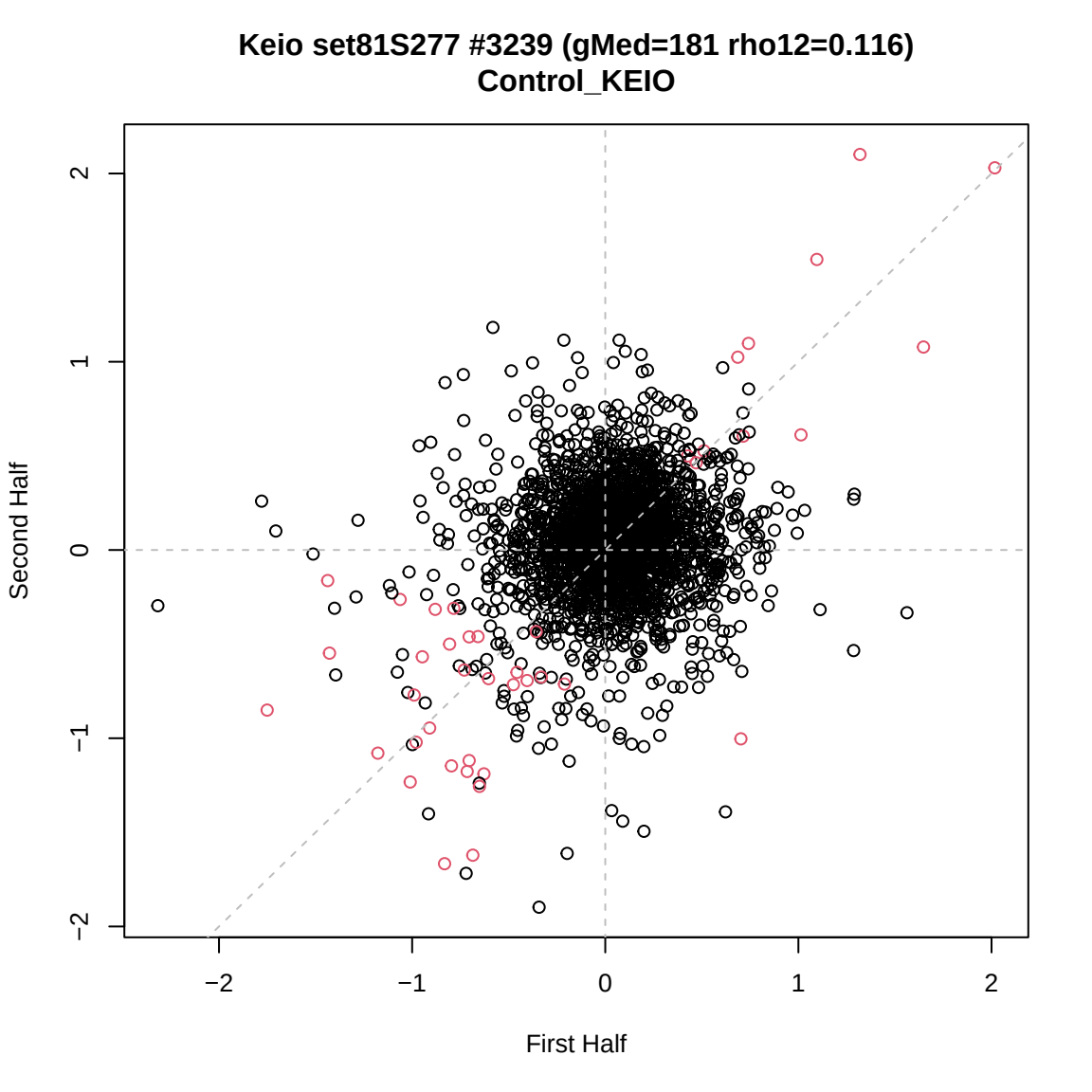

Keio set81S242 #3234 (gMed=62 rho12=0.276)
GL_60
Second Half
First Half
0
5
10
0
5
10

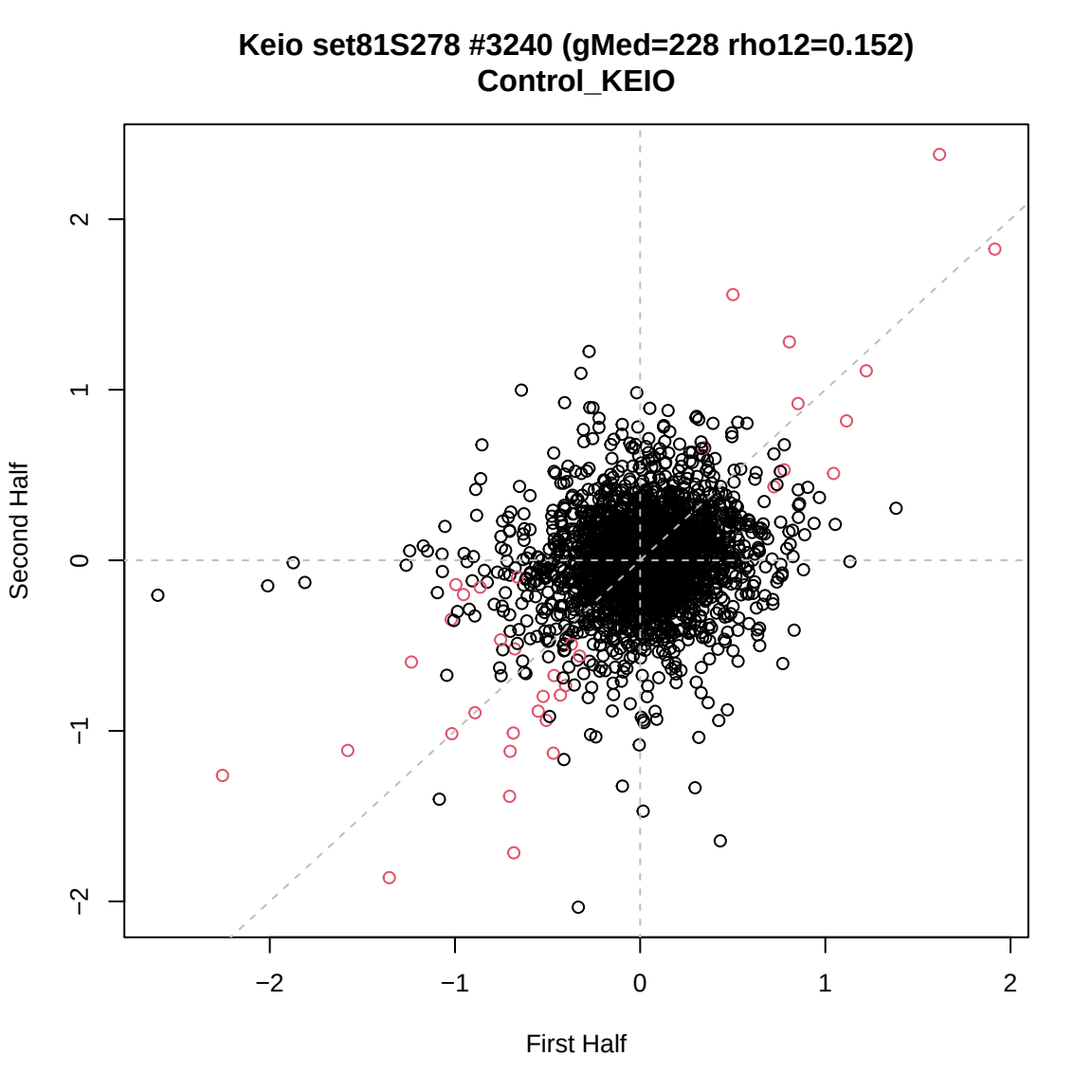

Keio set81S253 #3235 (gMed=171 rho12=0.246)
GL_40
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

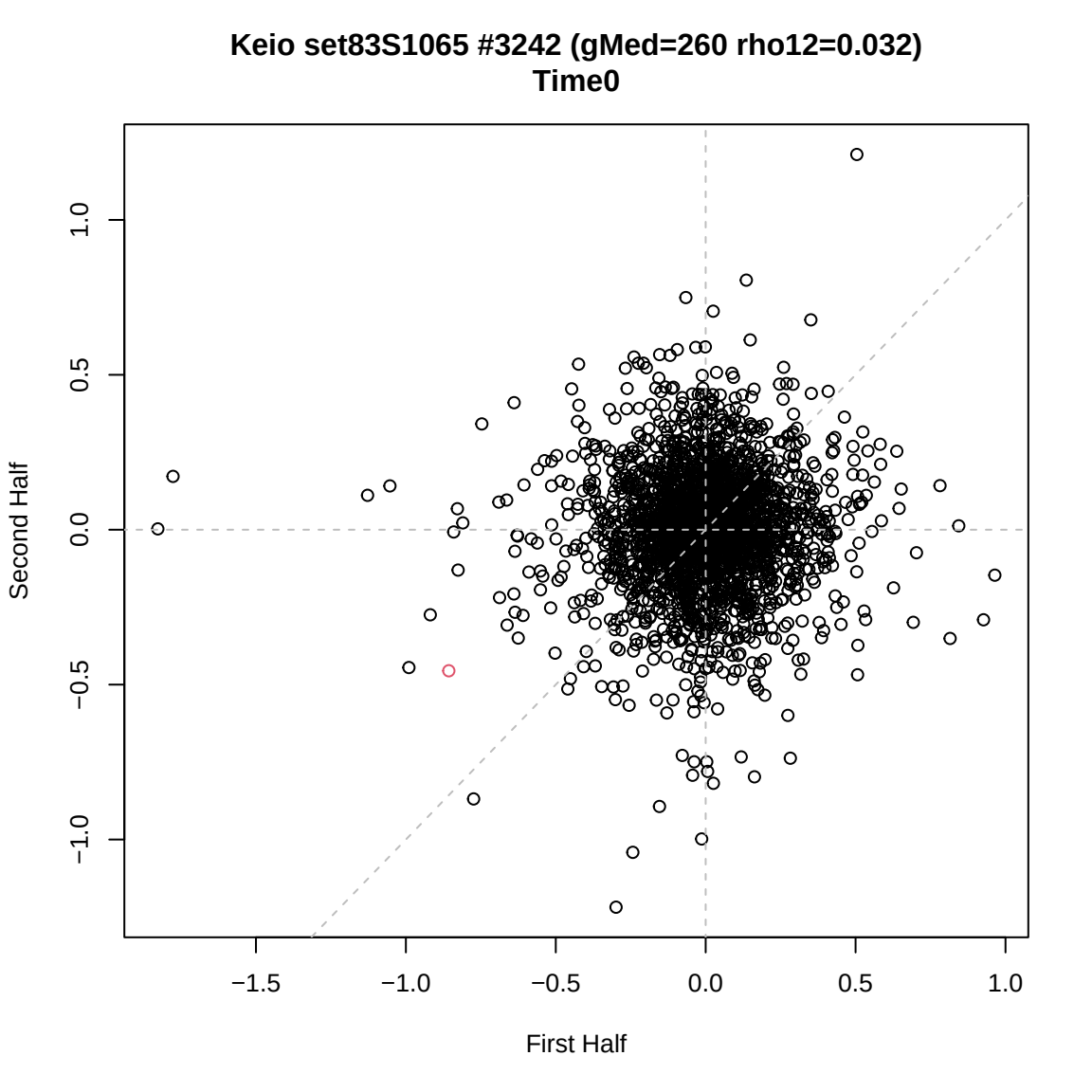

Keio set81S254 #3236 (gMed=174 rho12=0.247)
GL_40
Second Half
First Half
6
4
2
0
−2
−4
−4
−2
0
2
4
6

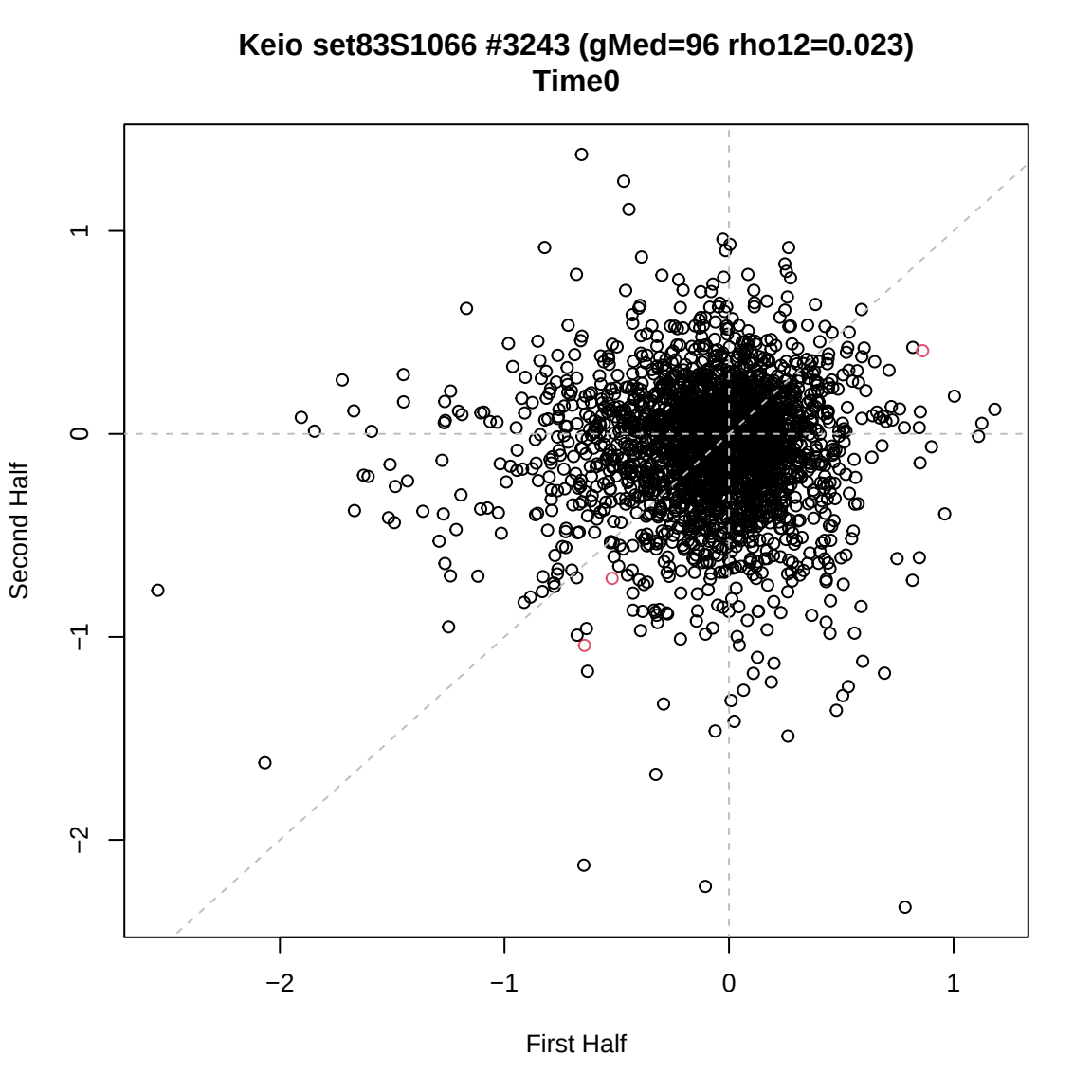

Keio set81S265 #3237 (gMed=55 rho12=0.154)
GL_4
Second Half
First Half
2
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1
2

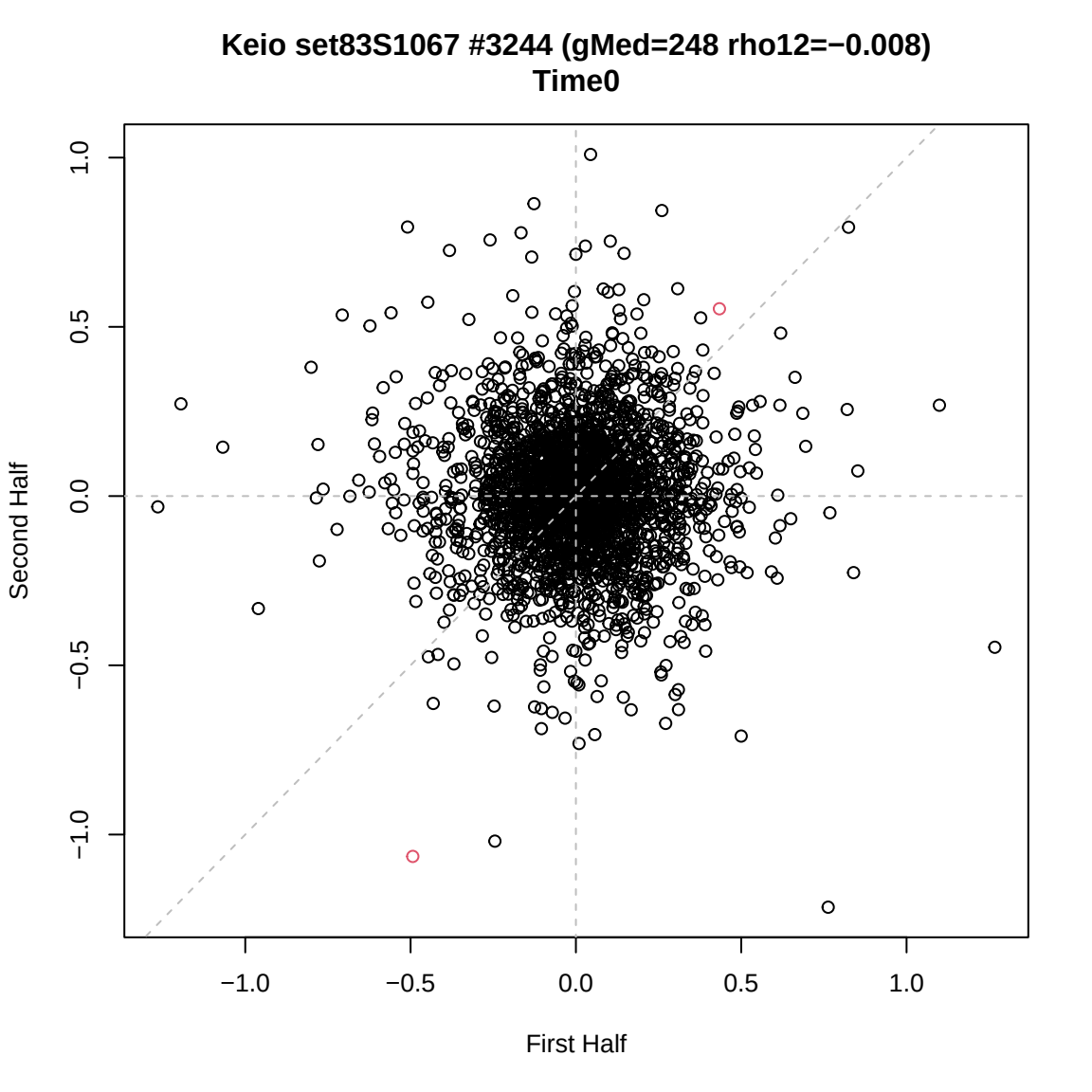

Keio set81S266 #3238 (gMed=51 rho12=0.118)
GL_4
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1

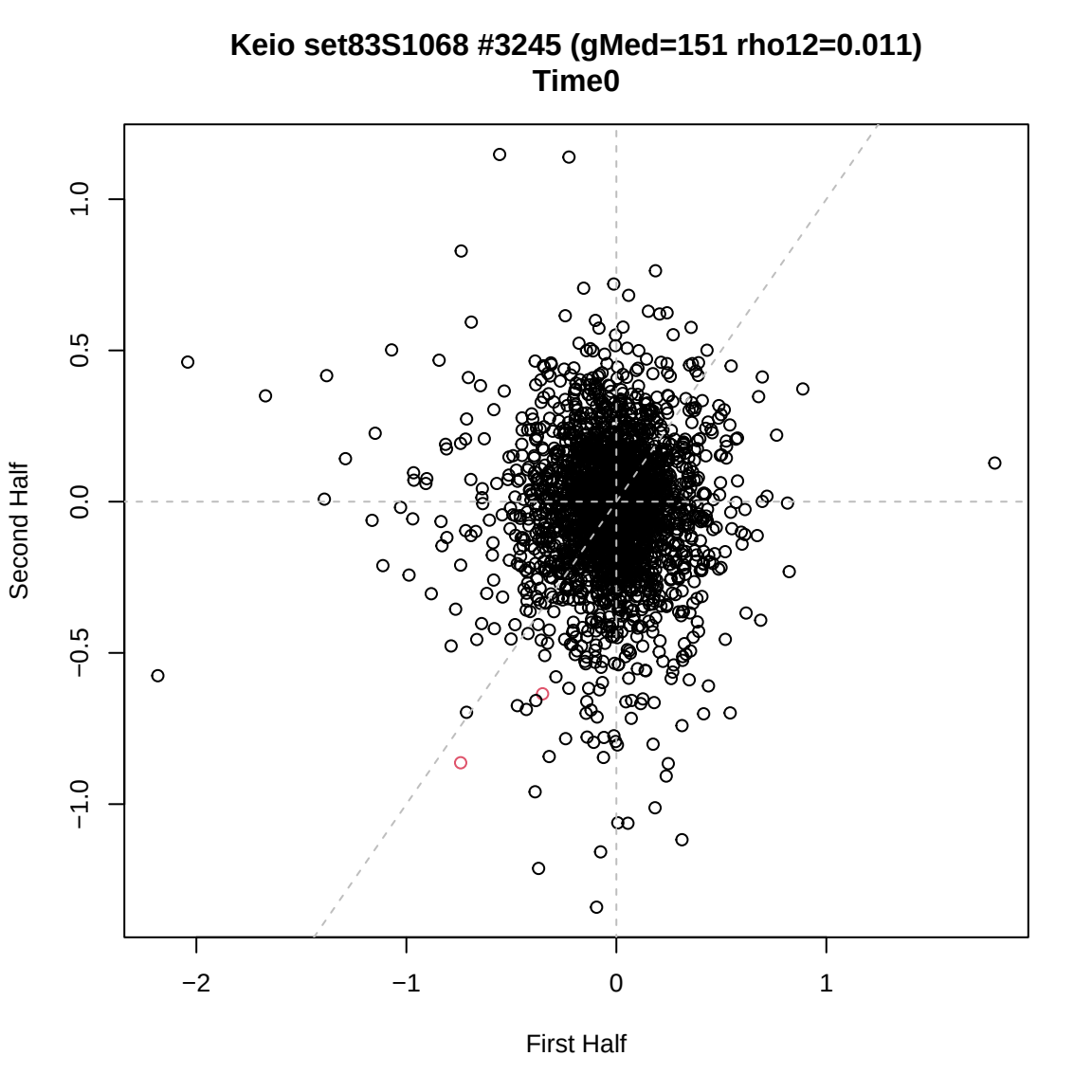

Keio set81S277 #3239 (gMed=181 rho12=0.116)
Control_KEIO
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

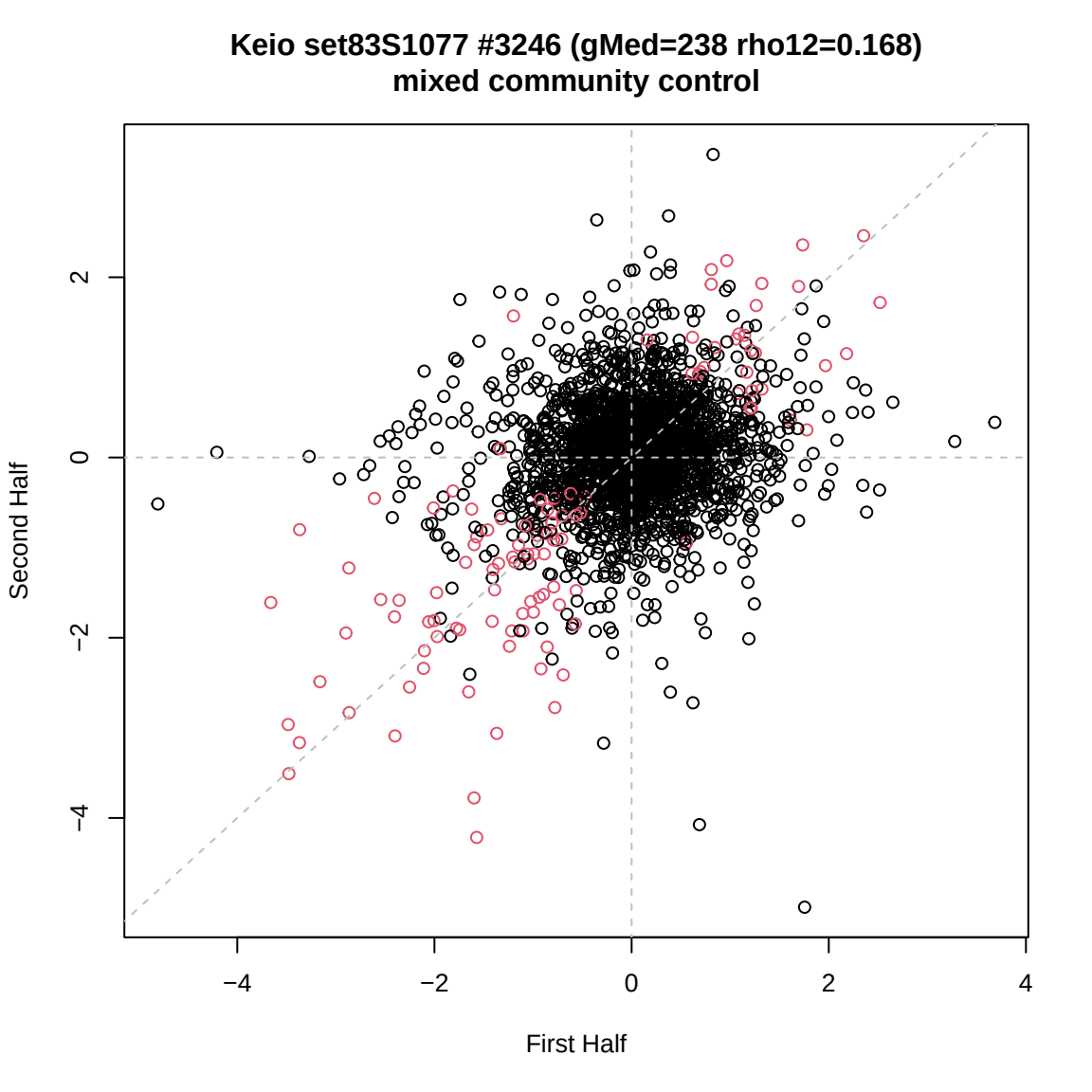

Keio set81S278 #3240 (gMed=228 rho12=0.152)
Control_KEIO
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

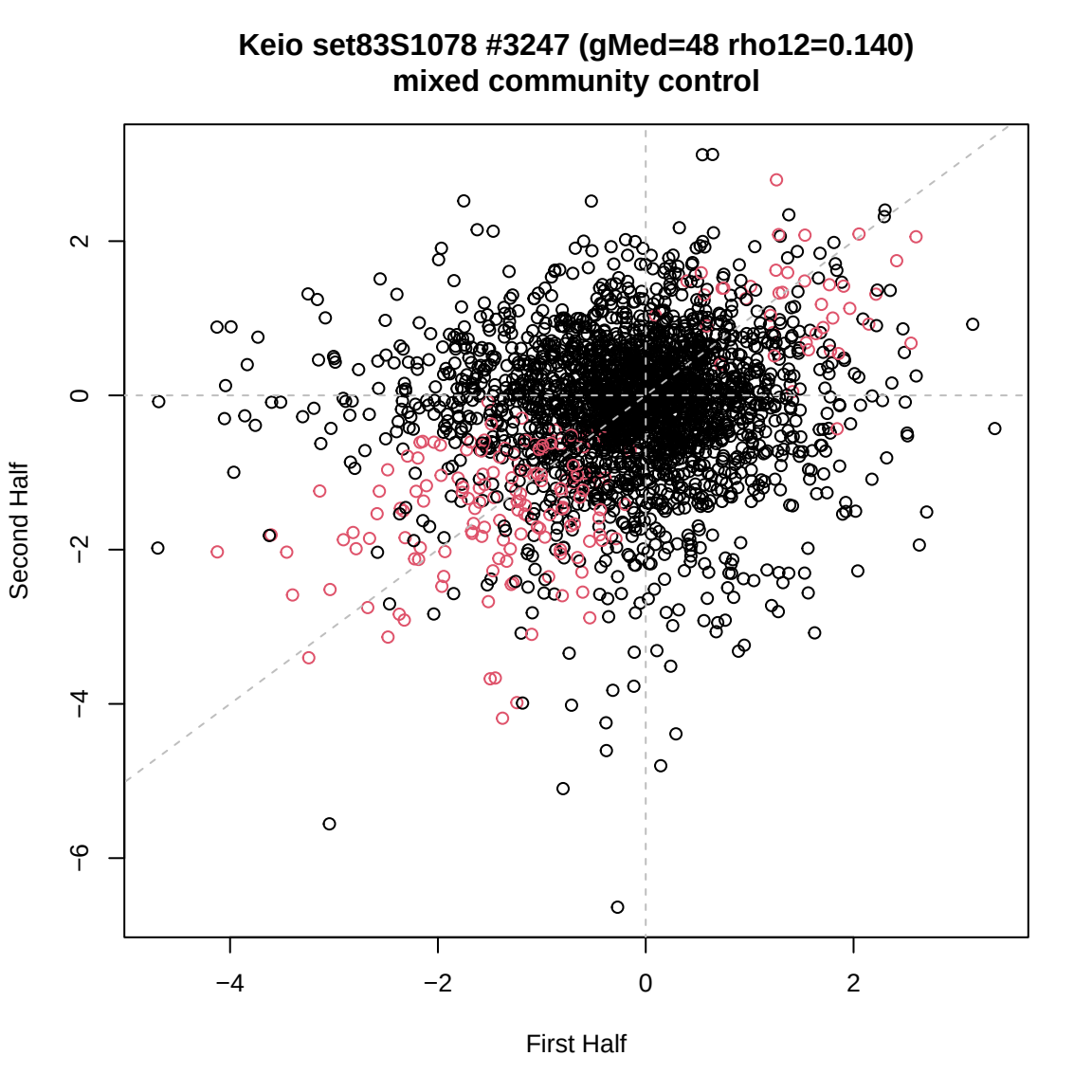

Keio set83S1065 #3242 (gMed=260 rho12=0.032)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

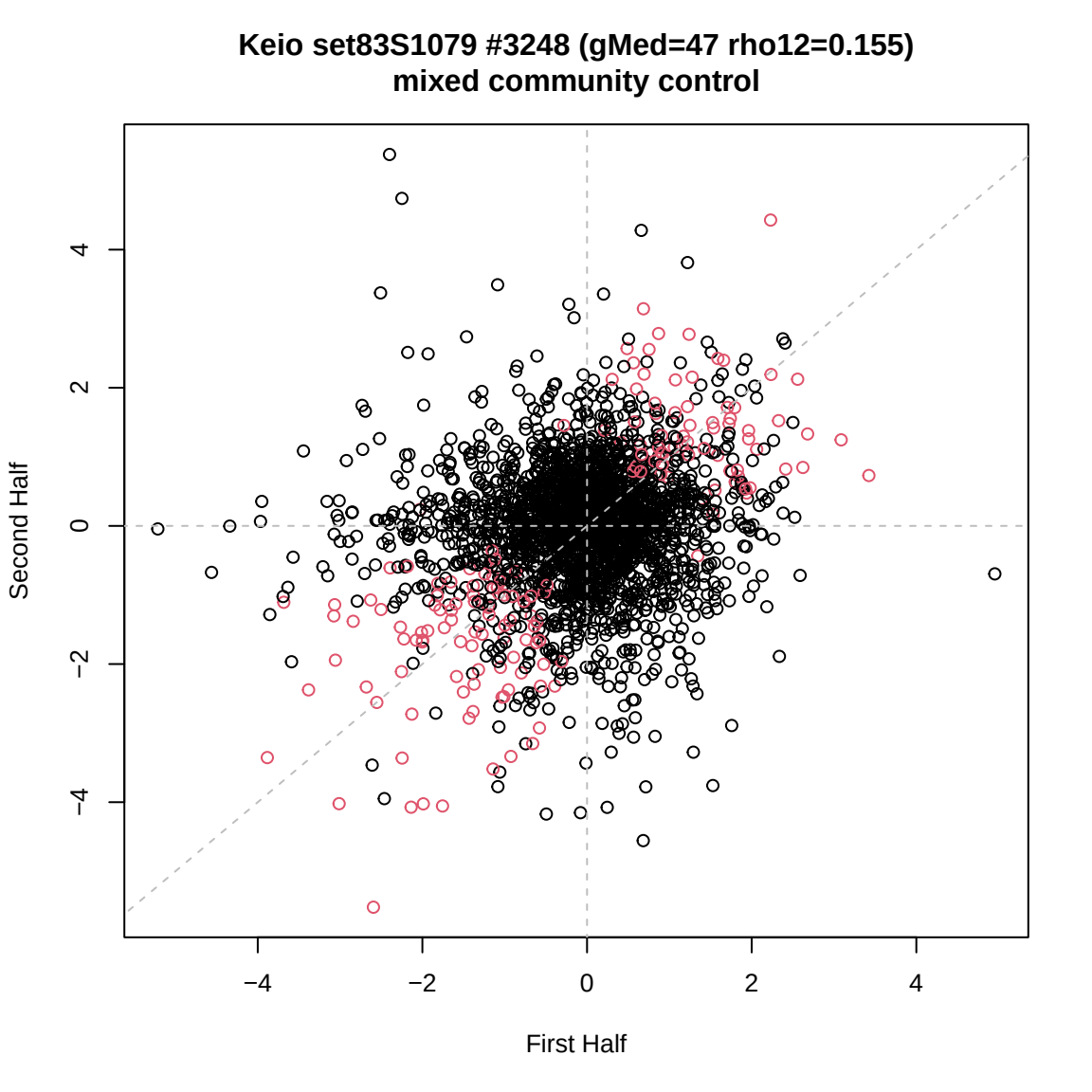

Keio set83S1066 #3243 (gMed=96 rho12=0.023)
Time0
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

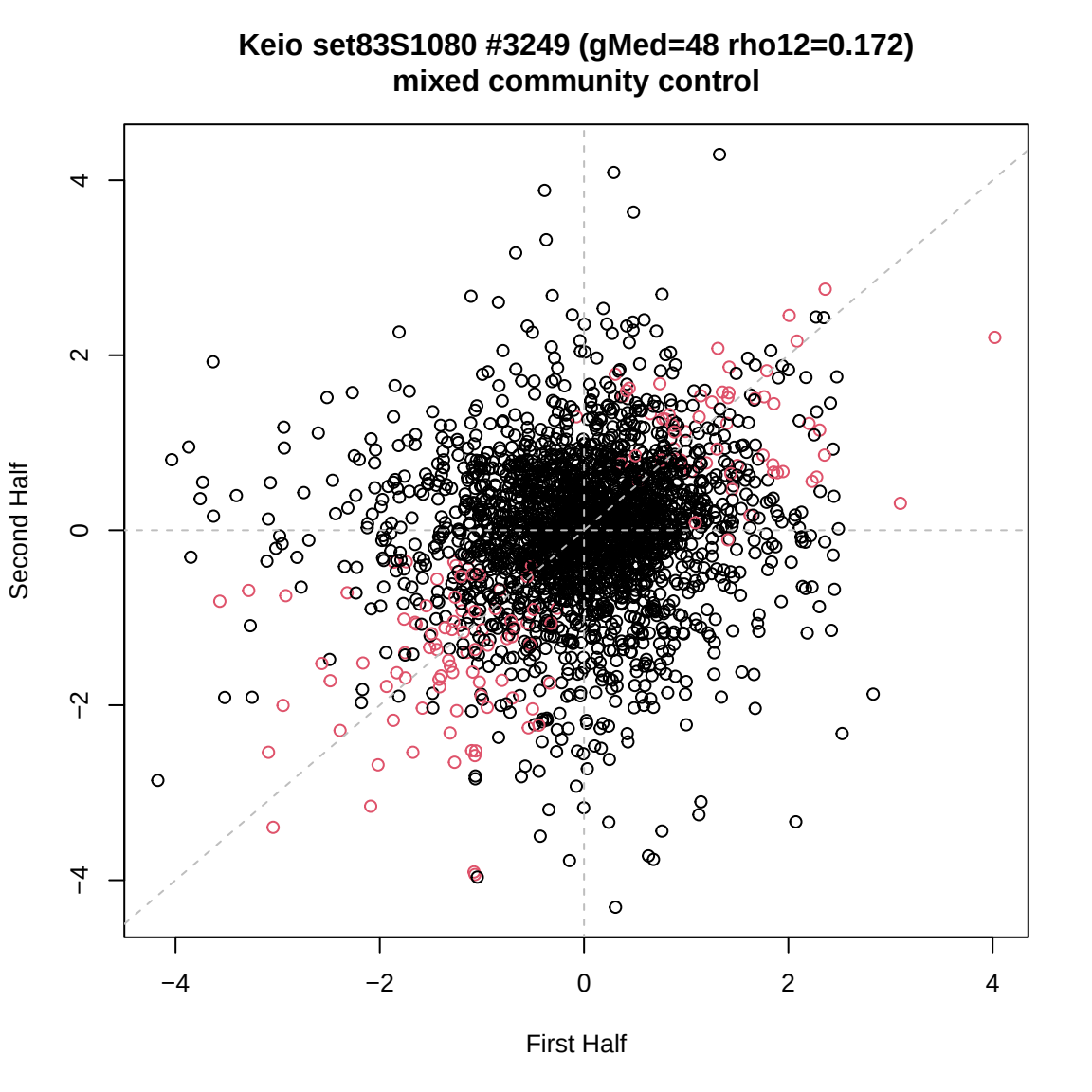

Keio set83S1067 #3244 (gMed=248 rho12=−0.008)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

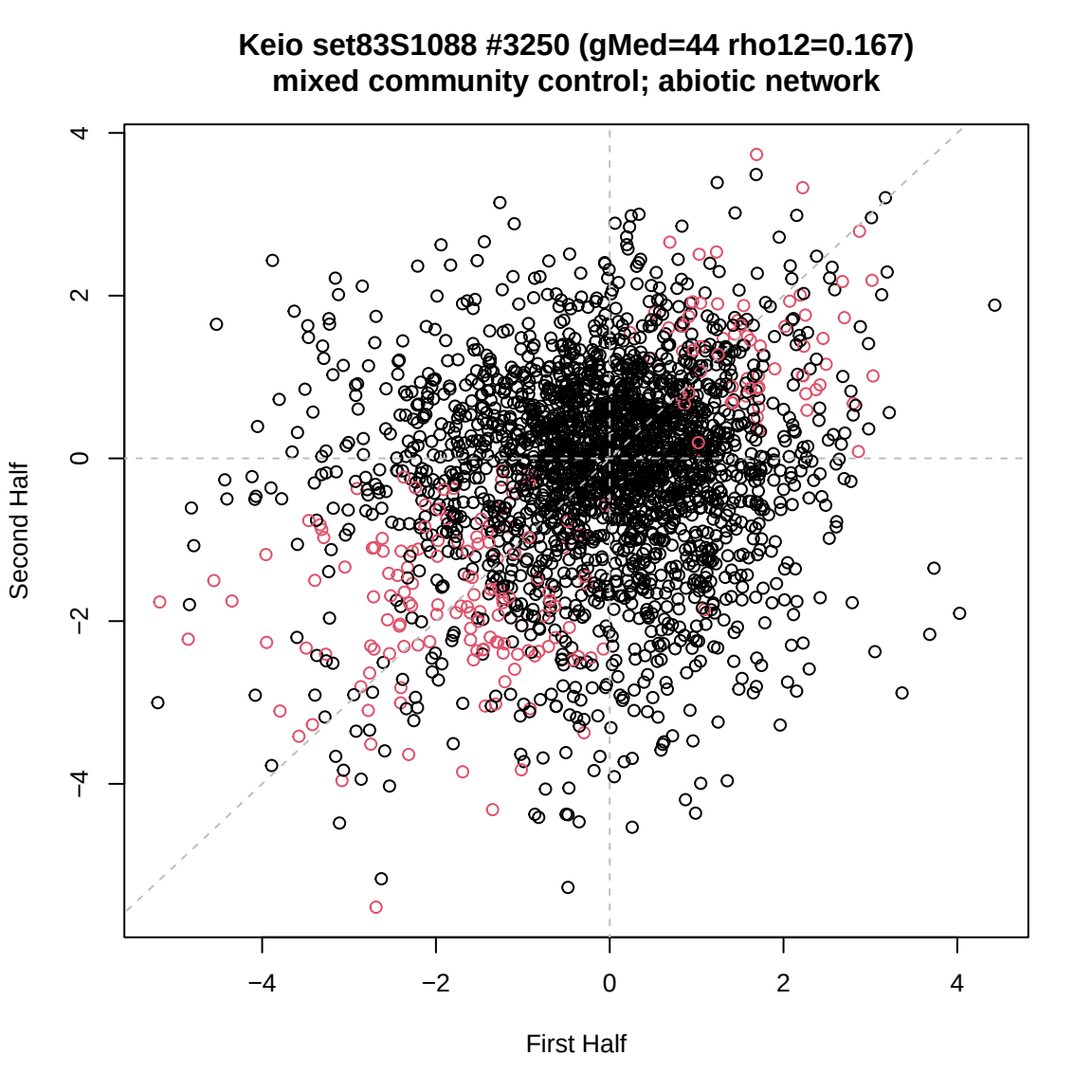

Keio set83S1068 #3245 (gMed=151 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−2
−1
0
1

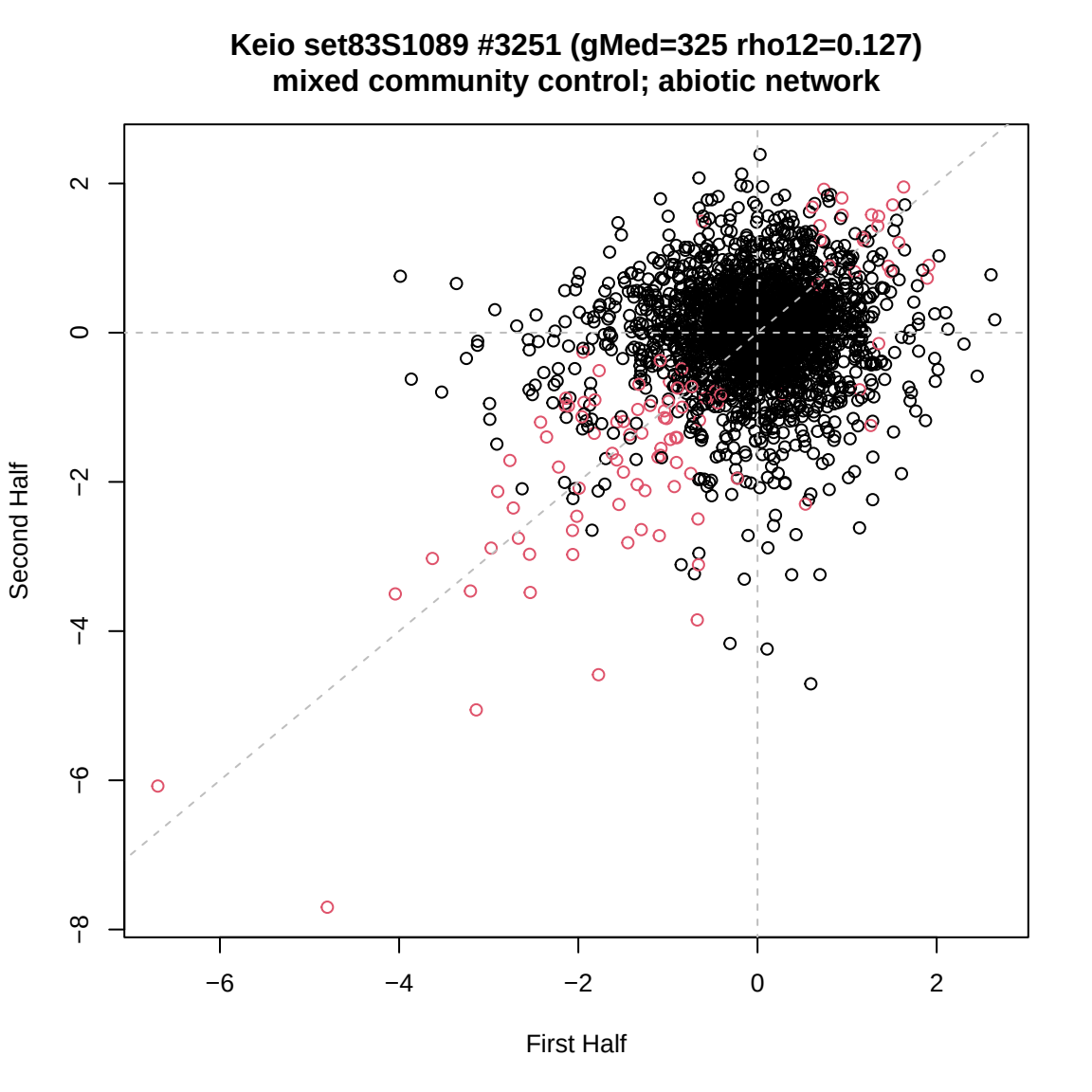

Keio set83S1077 #3246 (gMed=238 rho12=0.168)
mixed community control
Second Half
First Half
2
0
−2
−4
−4
−2
0
2
4

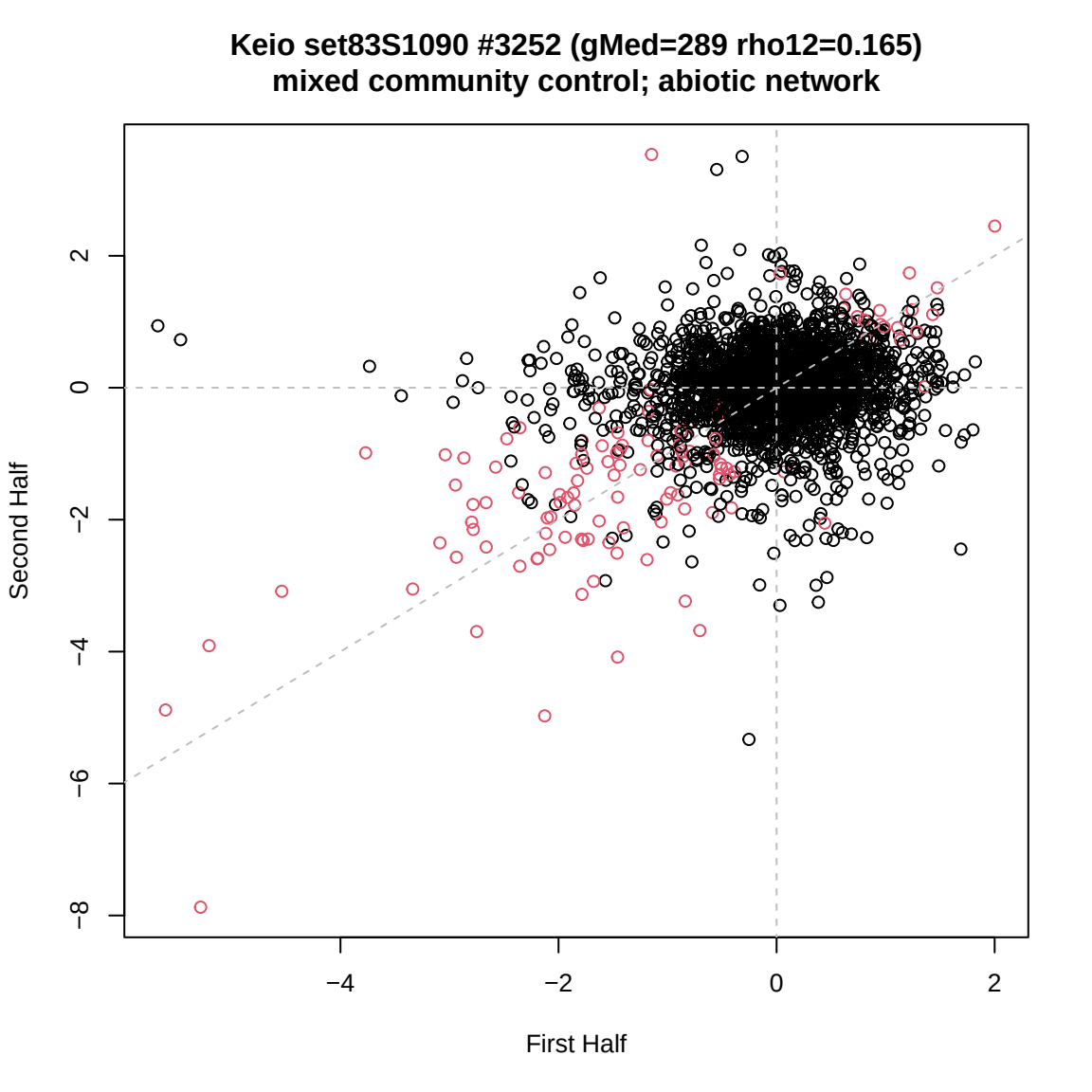

Keio set83S1078 #3247 (gMed=48 rho12=0.140)
mixed community control
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

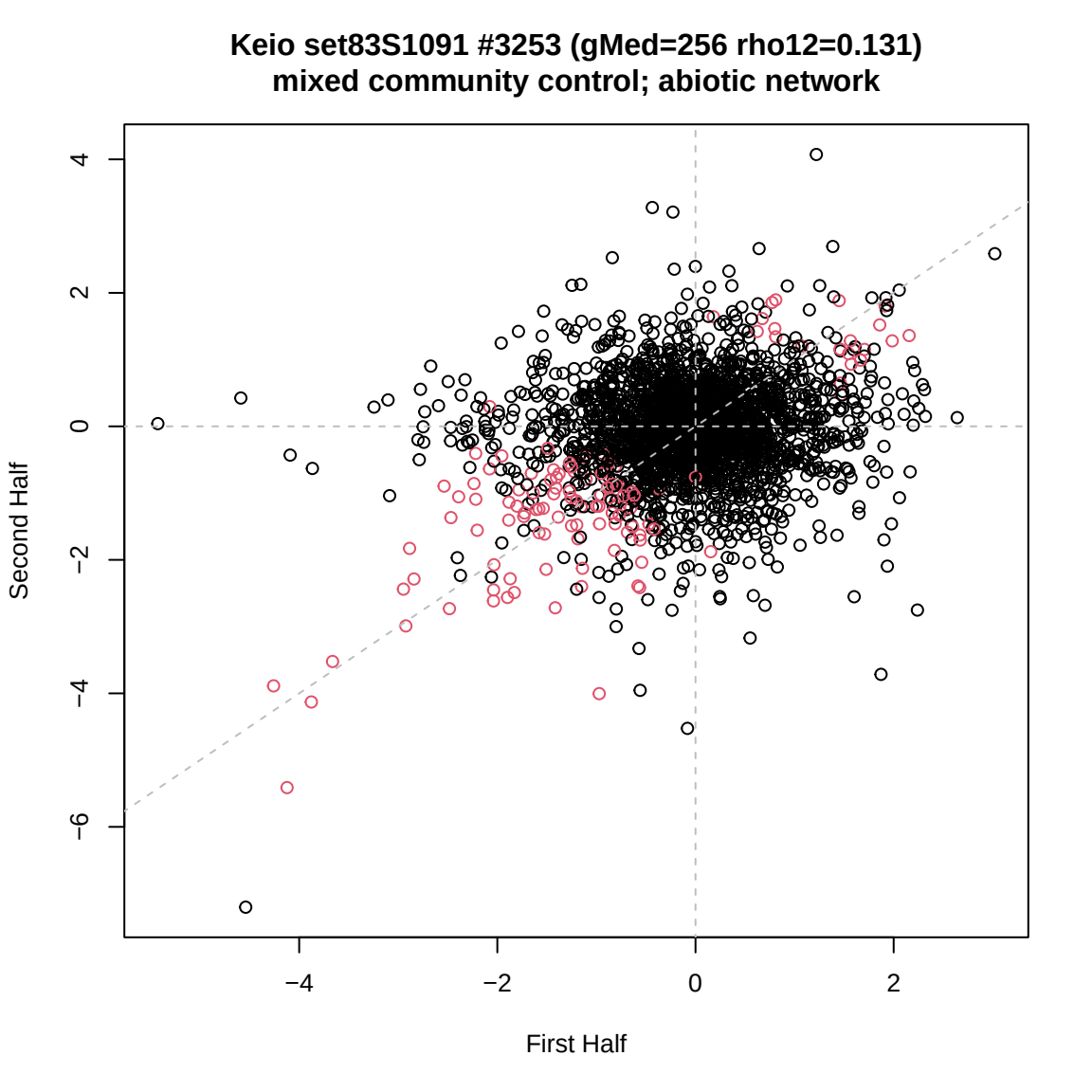

Keio set83S1079 #3248 (gMed=47 rho12=0.155)
mixed community control
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

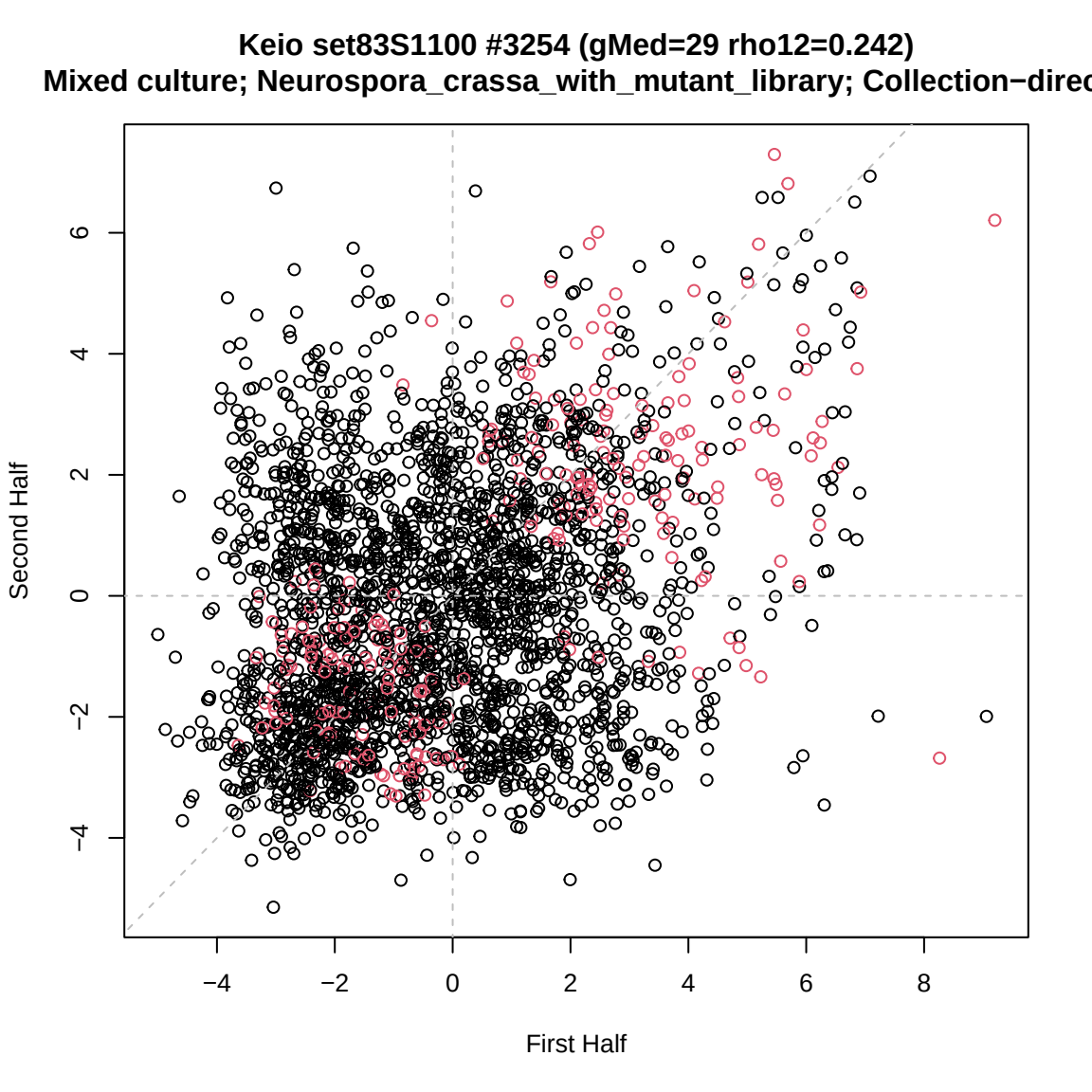

Keio set83S1080 #3249 (gMed=48 rho12=0.172)
mixed community control
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

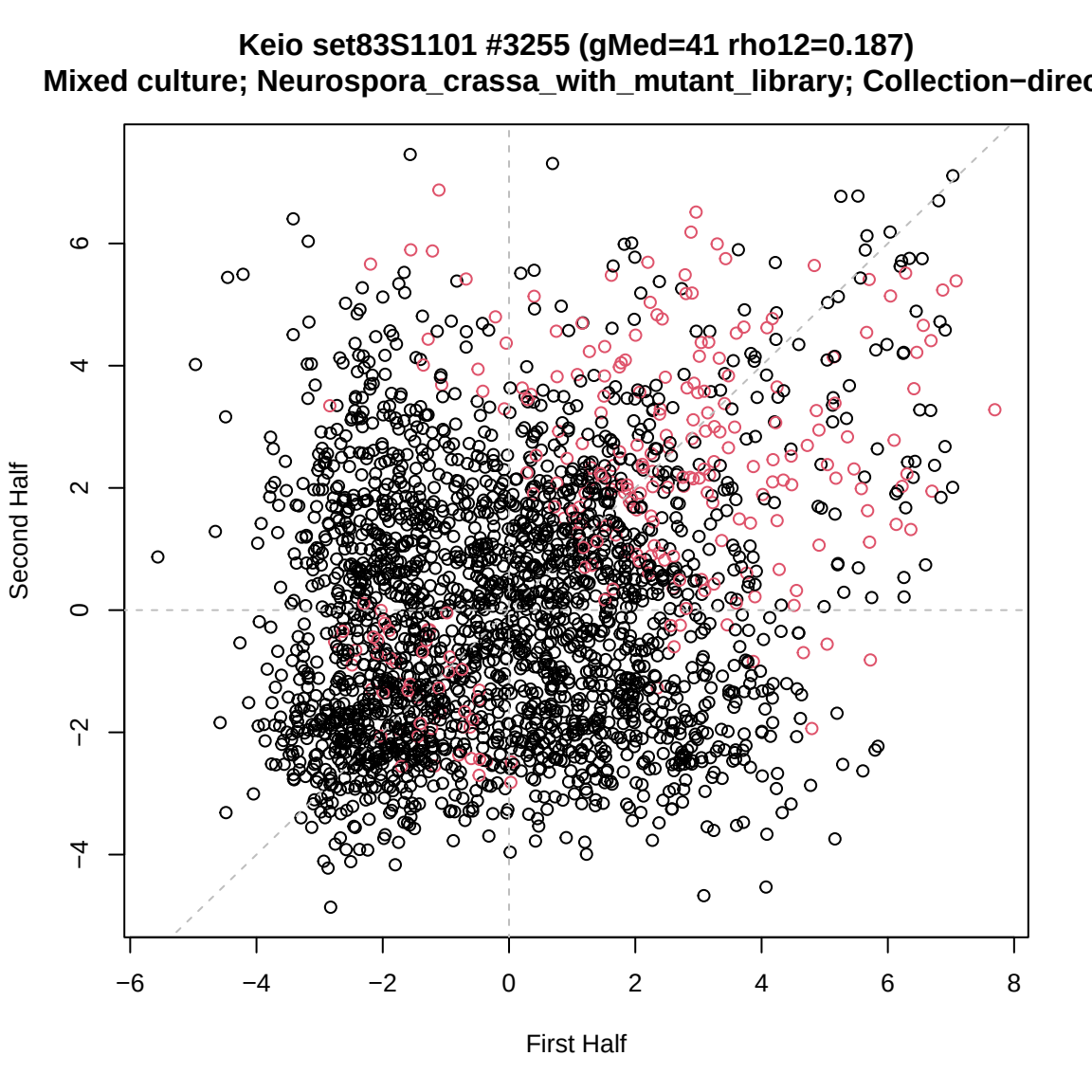

Keio set83S1088 #3250 (gMed=44 rho12=0.167)
mixed community control; abiotic network
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

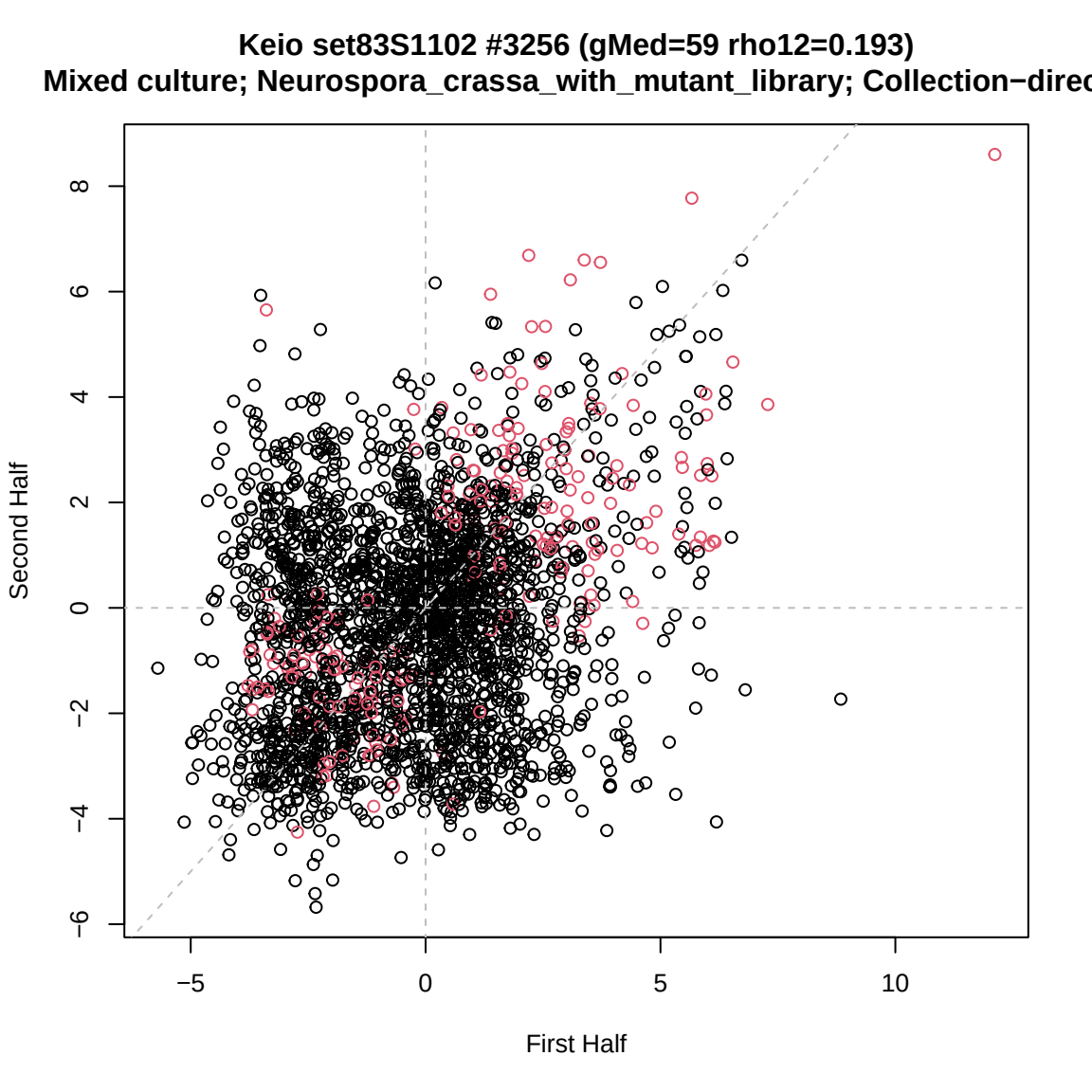

Keio set83S1089 #3251 (gMed=325 rho12=0.127)
mixed community control; abiotic network
Second Half
First Half
2
0
−2
−4
−6
−8
−6
−4
−2
0
2

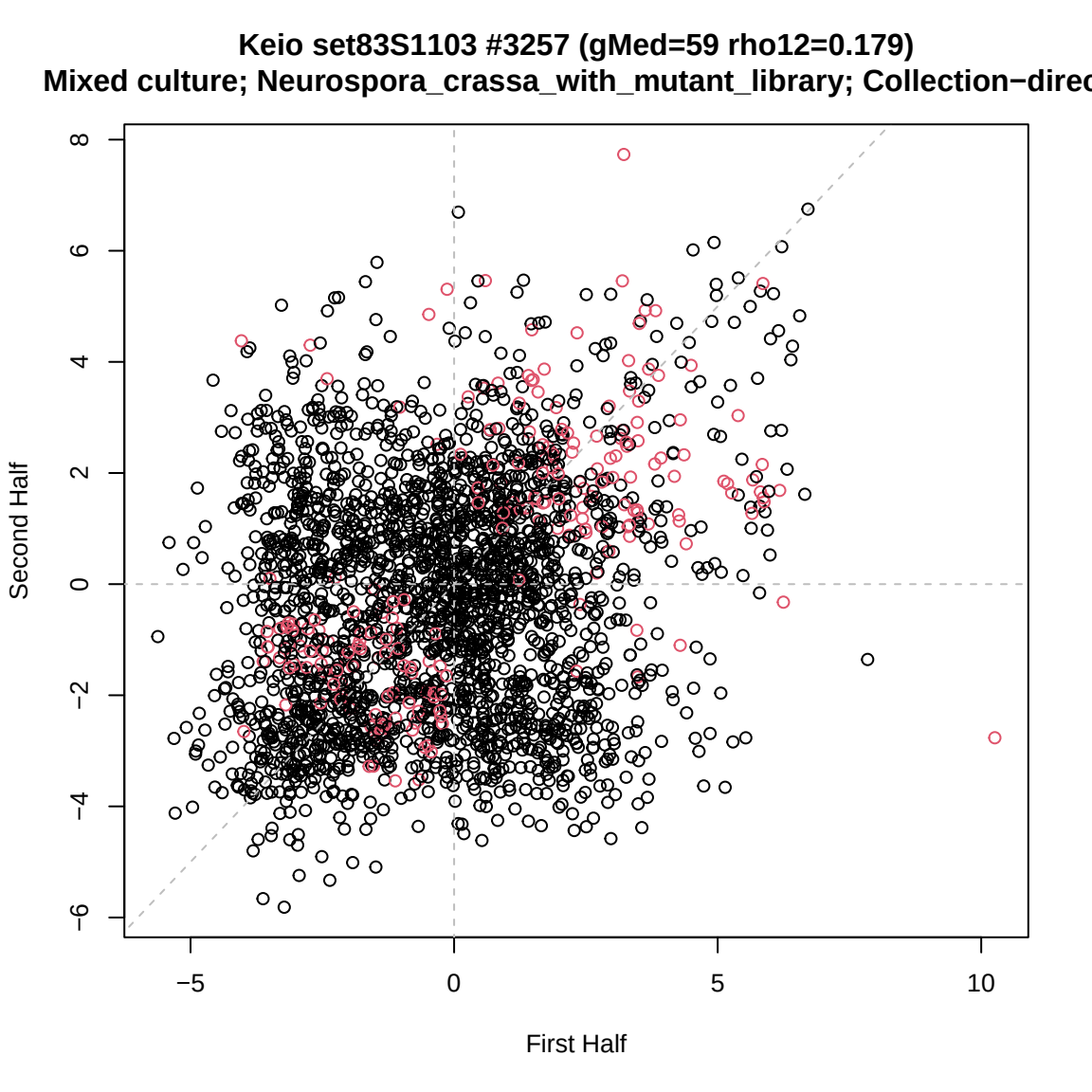

Keio set83S1090 #3252 (gMed=289 rho12=0.165)
mixed community control; abiotic network
Second Half
First Half
2
0
−2
−4
−6
−8
−4
−2
0
2

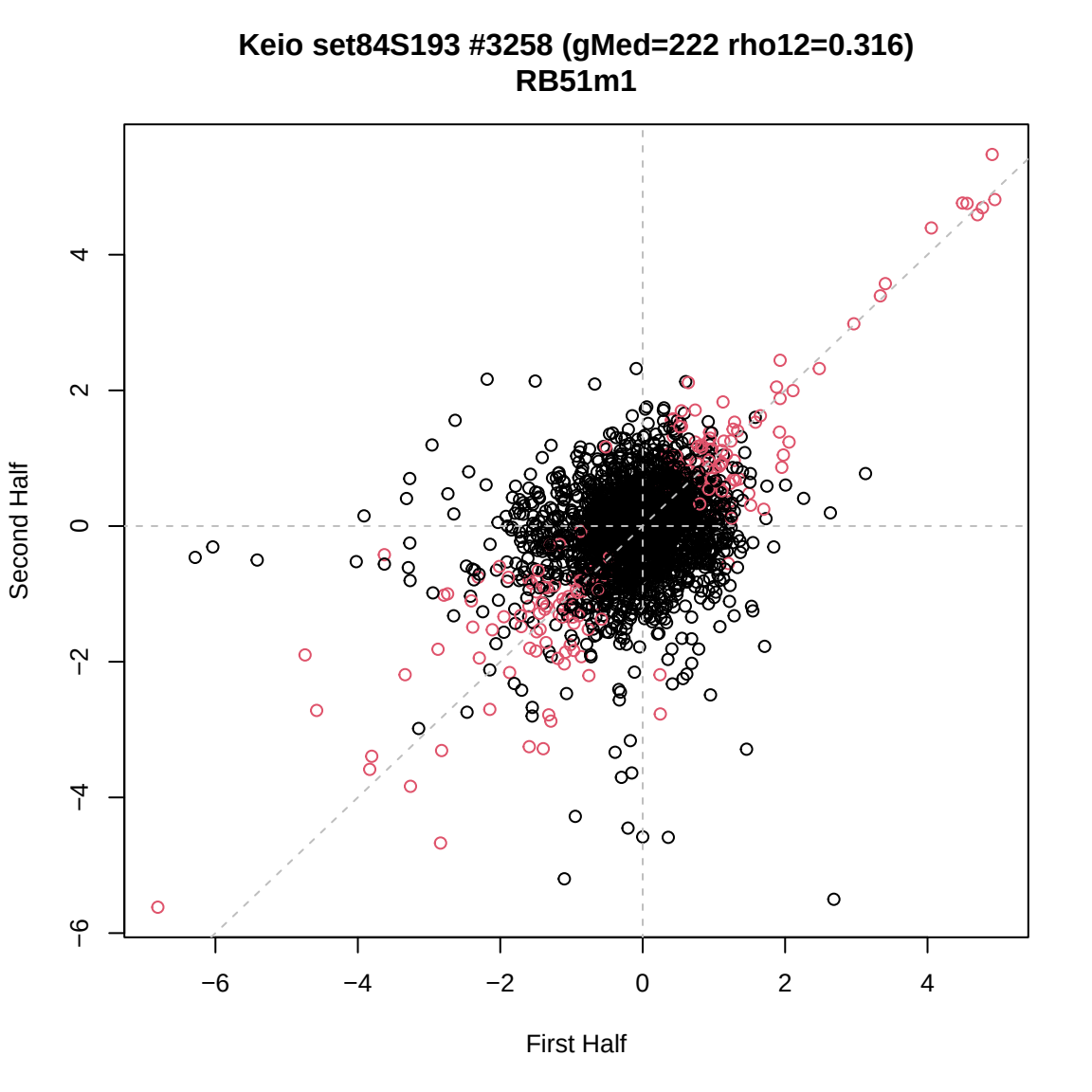

Keio set83S1091 #3253 (gMed=256 rho12=0.131)
mixed community control; abiotic network
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2

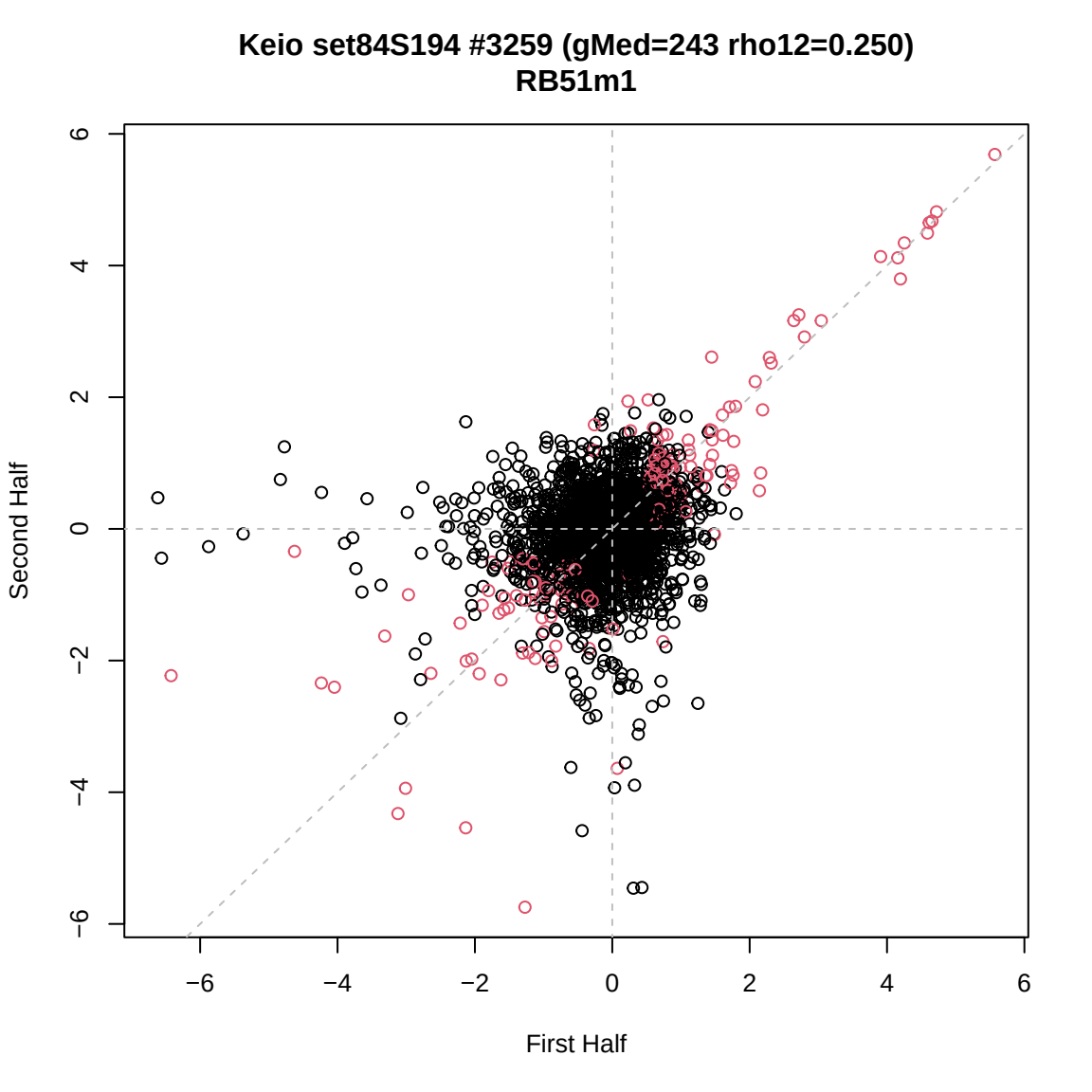

Keio set83S1100 #3254 (gMed=29 rho12=0.242)
Mixed culture; Neurospora_crassa_with_mutant_library; Collection−direc
Second Half
First Half
−4
−2
0
2
4
6
8

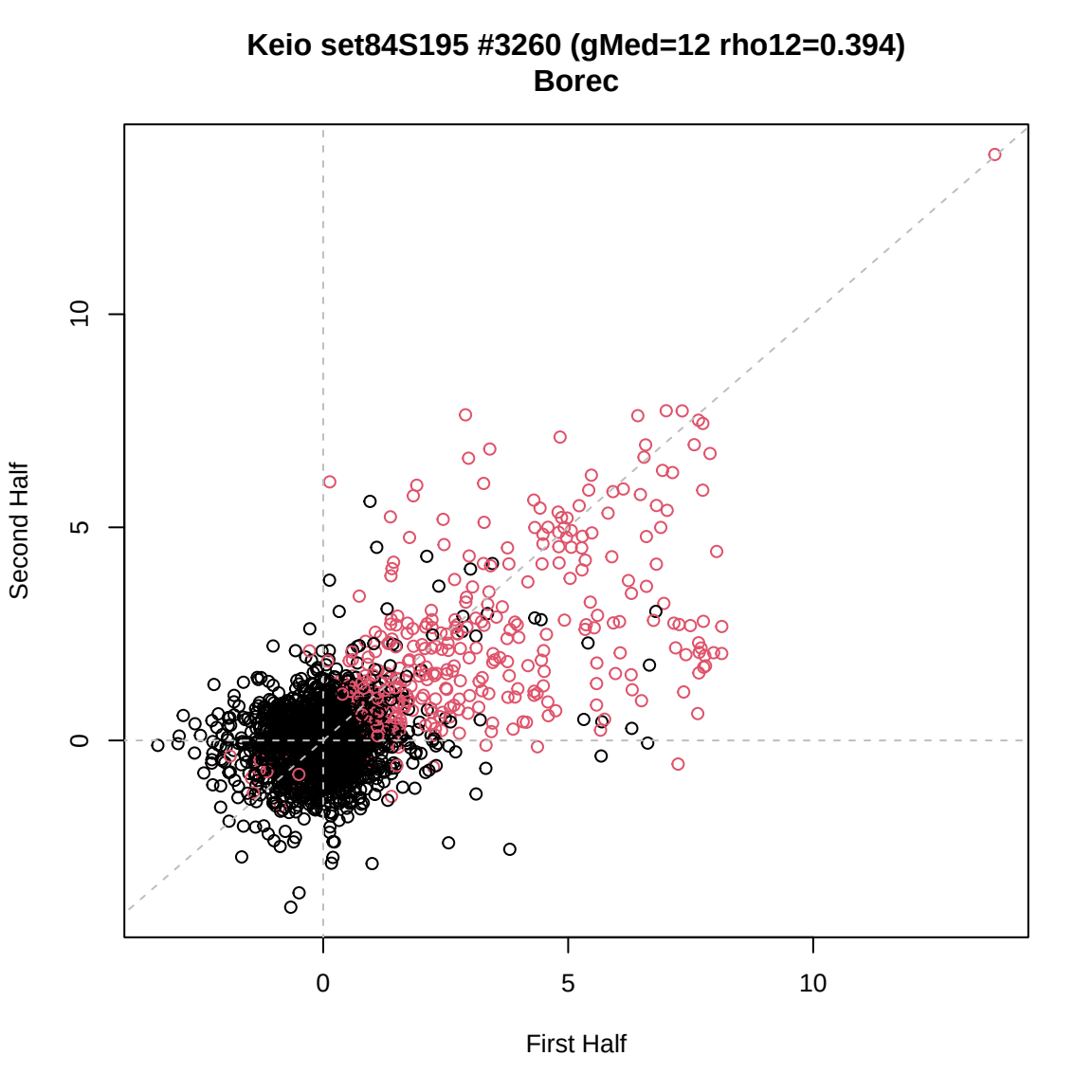

Keio set83S1101 #3255 (gMed=41 rho12=0.187)
Mixed culture; Neurospora_crassa_with_mutant_library; Collection−direc
Second Half
First Half
−6
−4
−2
0
2
4
6
8

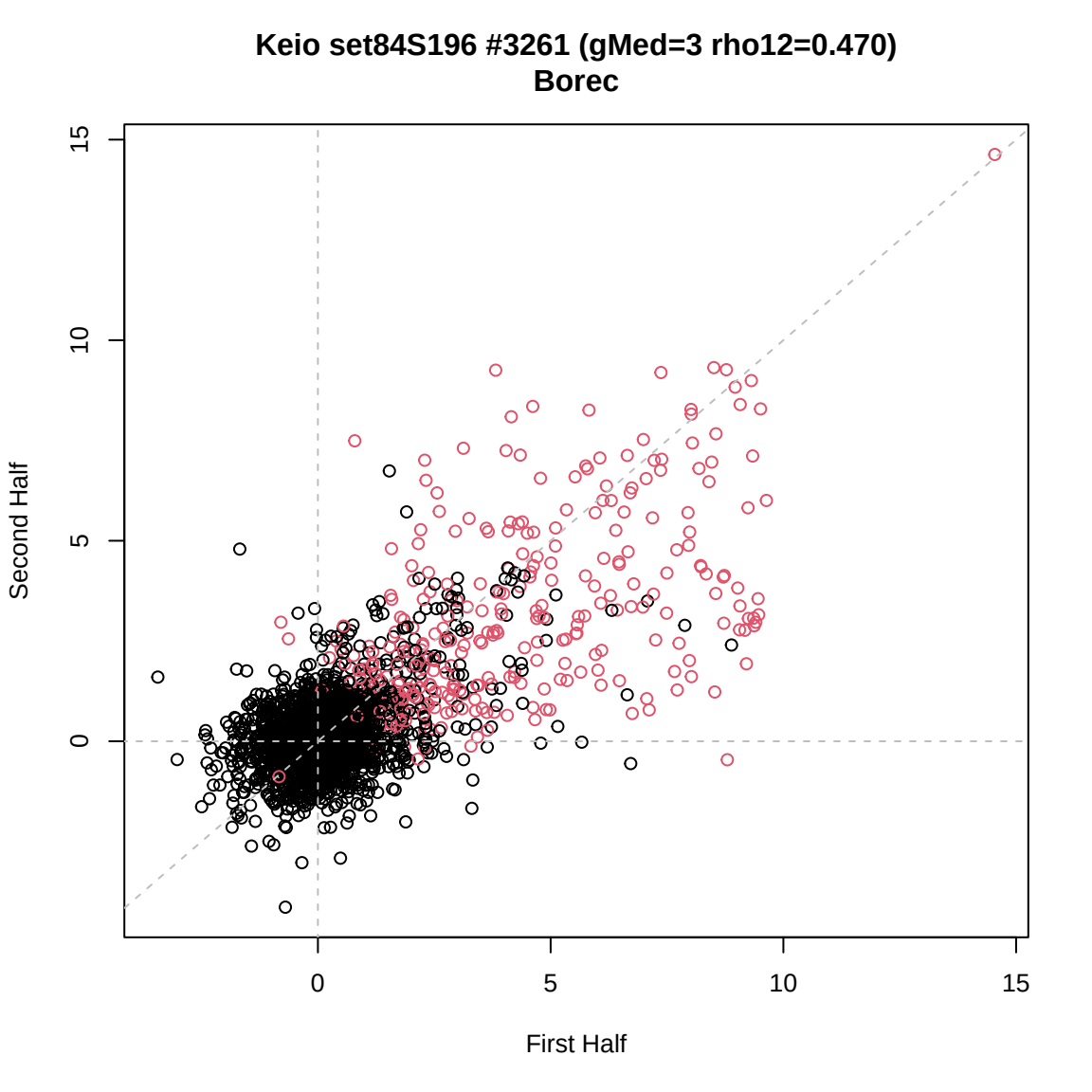

Keio set83S1102 #3256 (gMed=59 rho12=0.193)
Mixed culture; Neurospora_crassa_with_mutant_library; Collection−direc
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−5
0
5
10

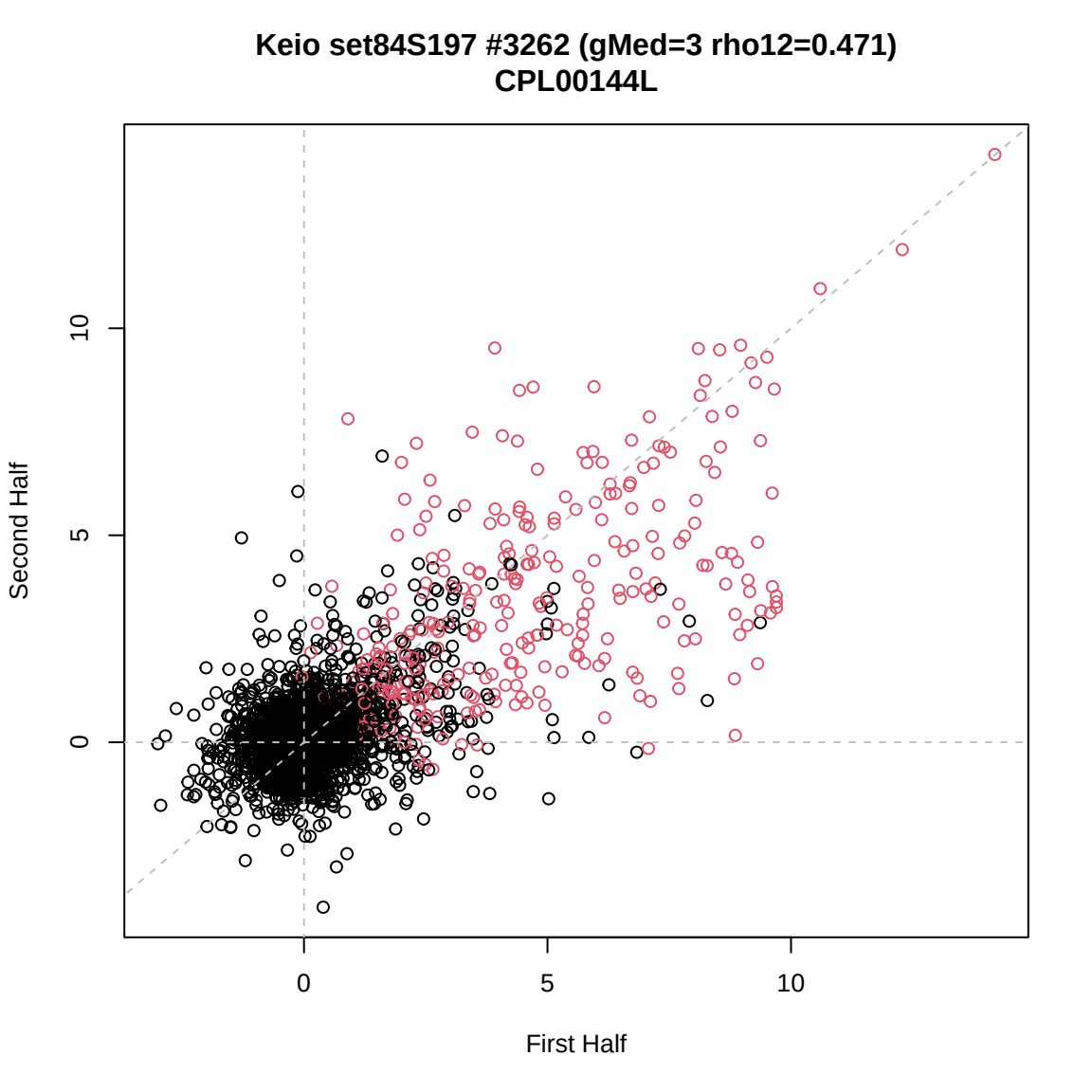

Keio set83S1103 #3257 (gMed=59 rho12=0.179)
Mixed culture; Neurospora_crassa_with_mutant_library; Collection−direc
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−5
0
5
10

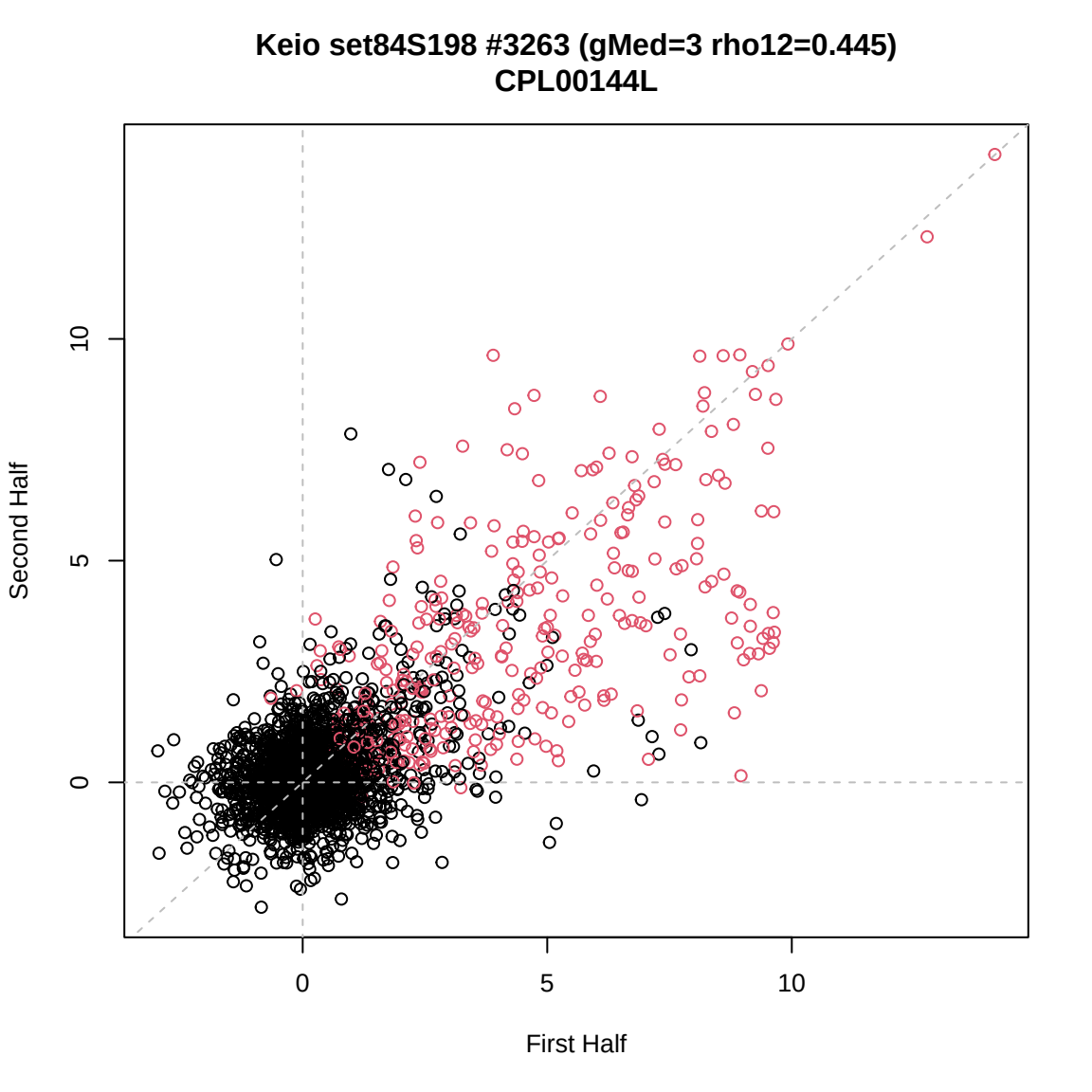

Keio set84S193 #3258 (gMed=222 rho12=0.316)
RB51m1
Second Half
First Half
−6
−4
−2
0
2
4

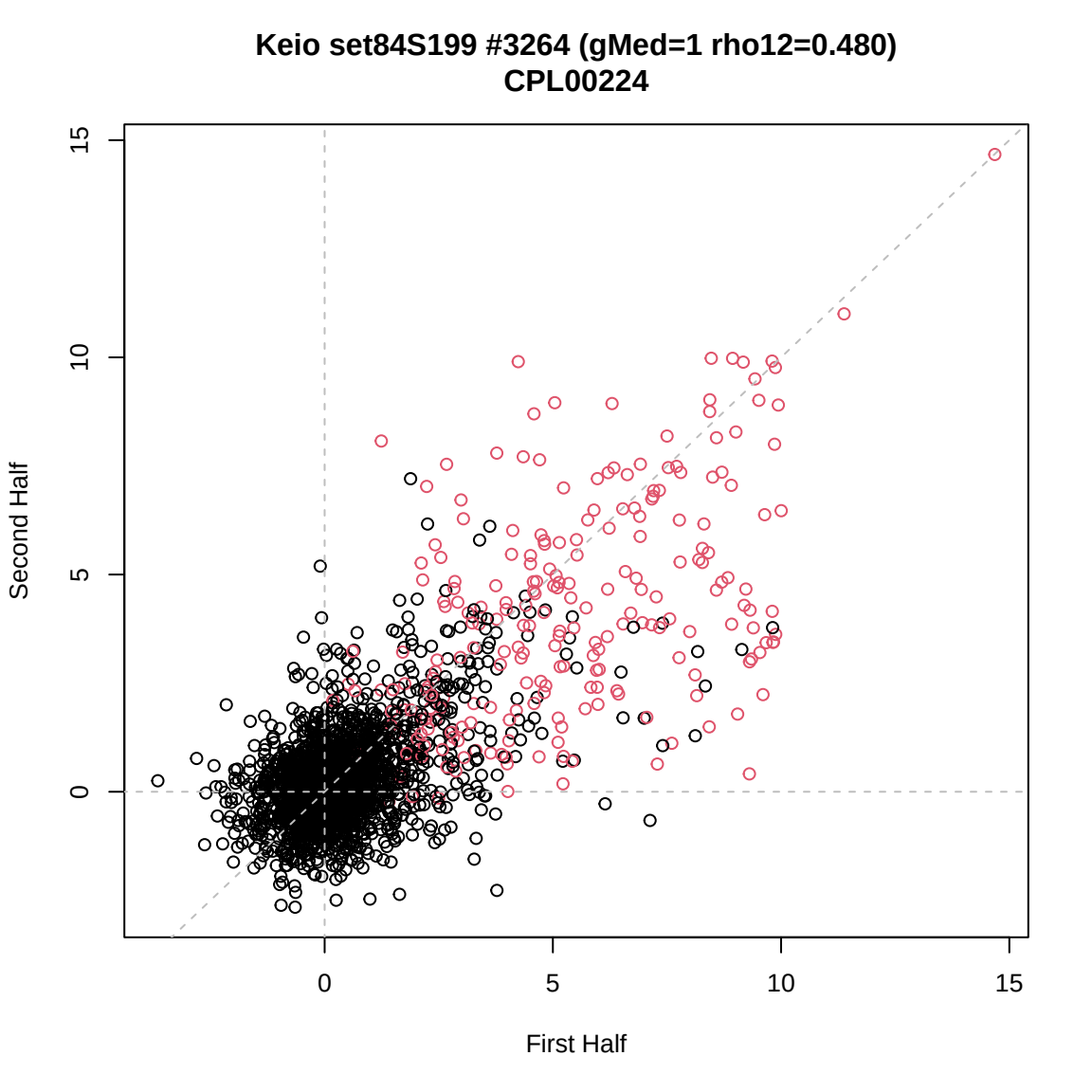

Keio set84S194 #3259 (gMed=243 rho12=0.250)
RB51m1
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

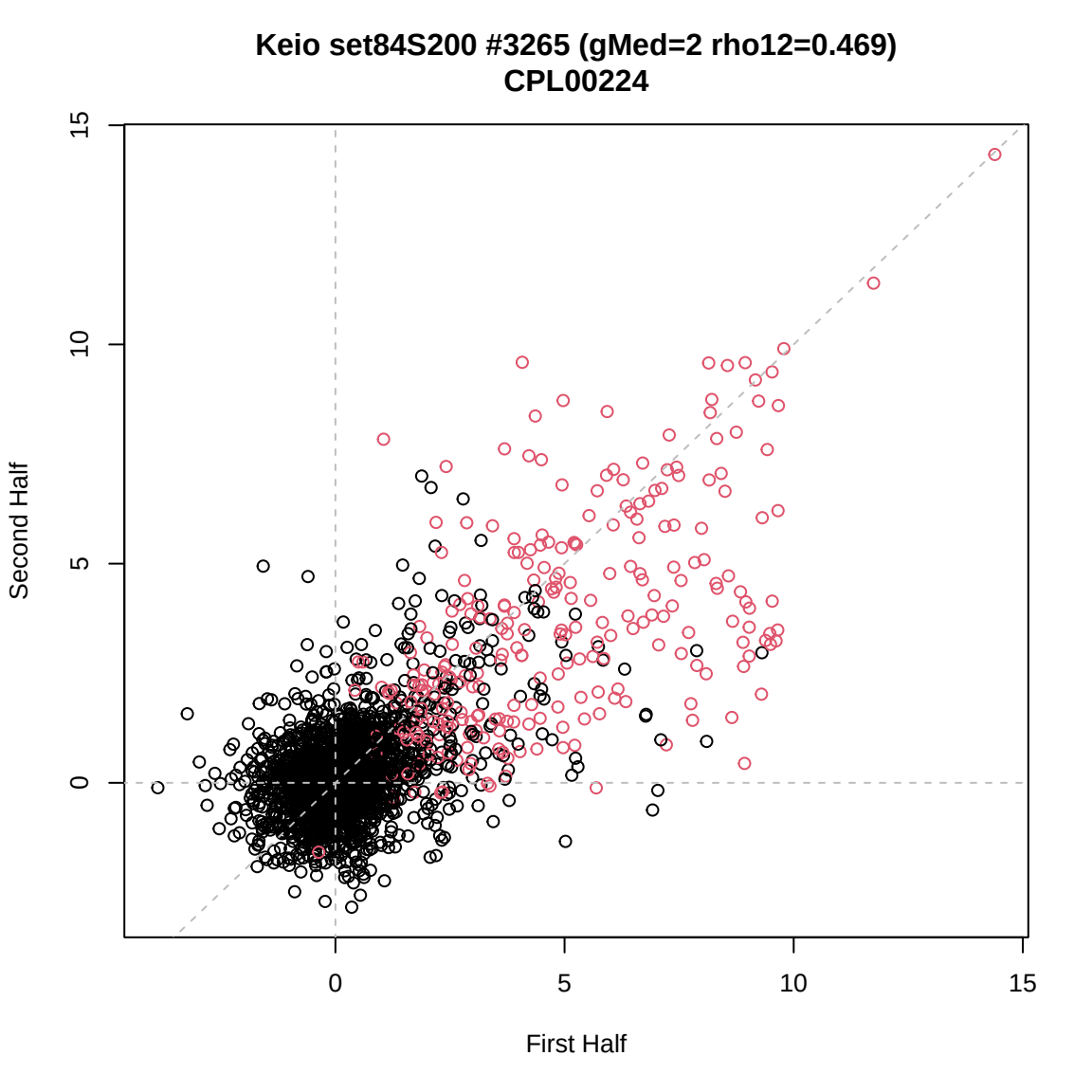

Keio set84S195 #3260 (gMed=12 rho12=0.394)
Borec
Second Half
First Half
0
5
10
0
5
10

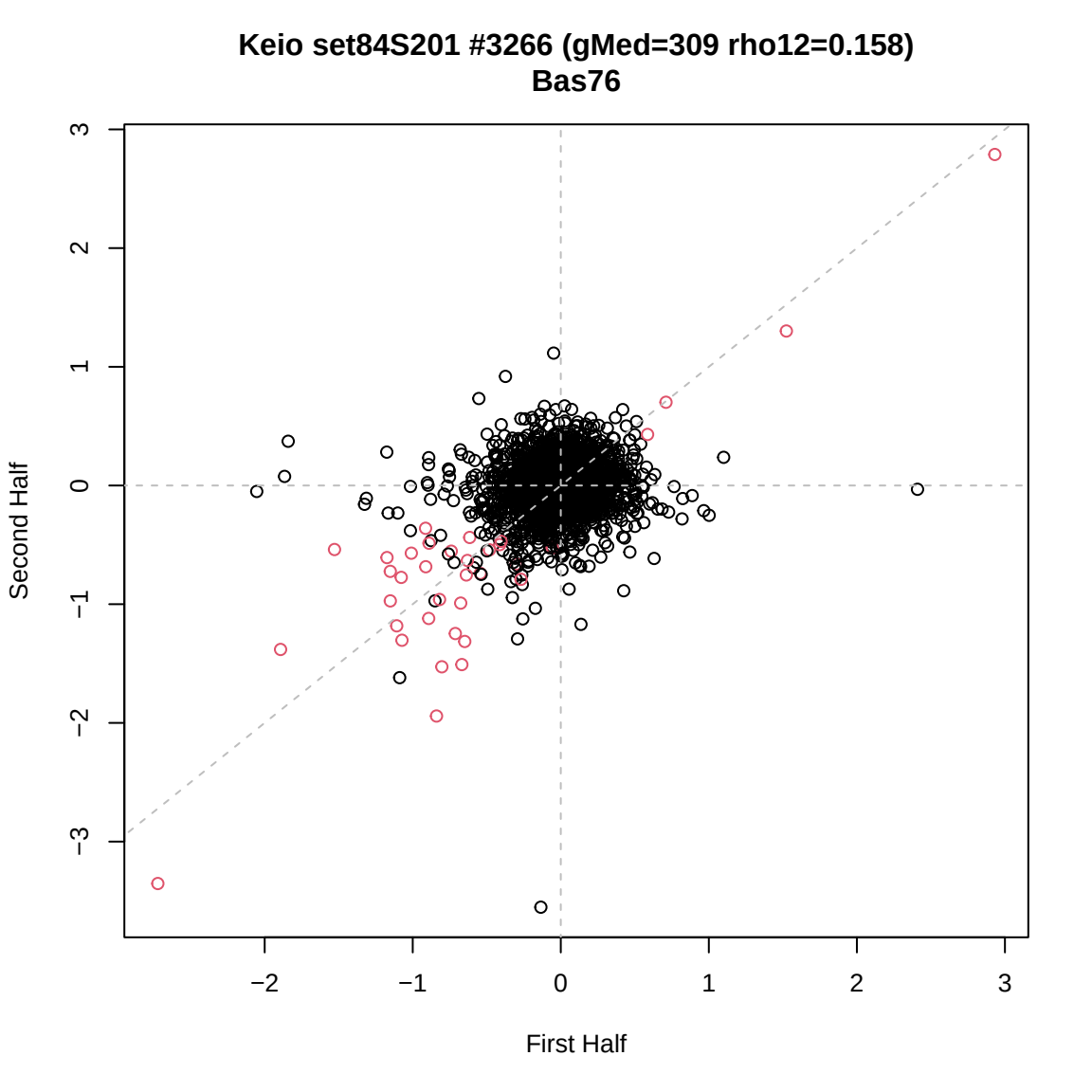

Keio set84S196 #3261 (gMed=3 rho12=0.470)
Borec
Second Half
First Half
0
5
10
15

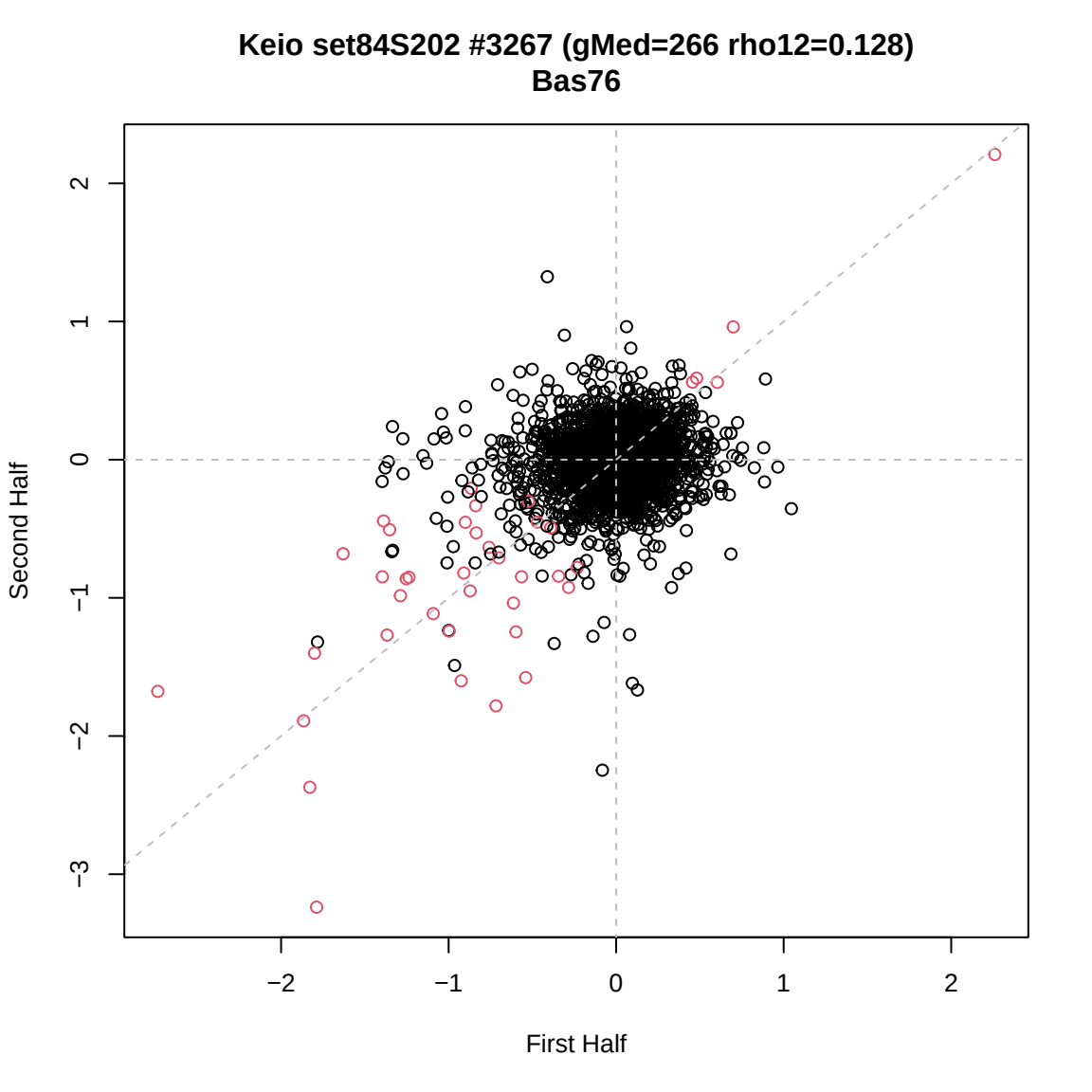

Keio set84S197 #3262 (gMed=3 rho12=0.471)
CPL00144L
Second Half
First Half
0
5
10
0
5
10

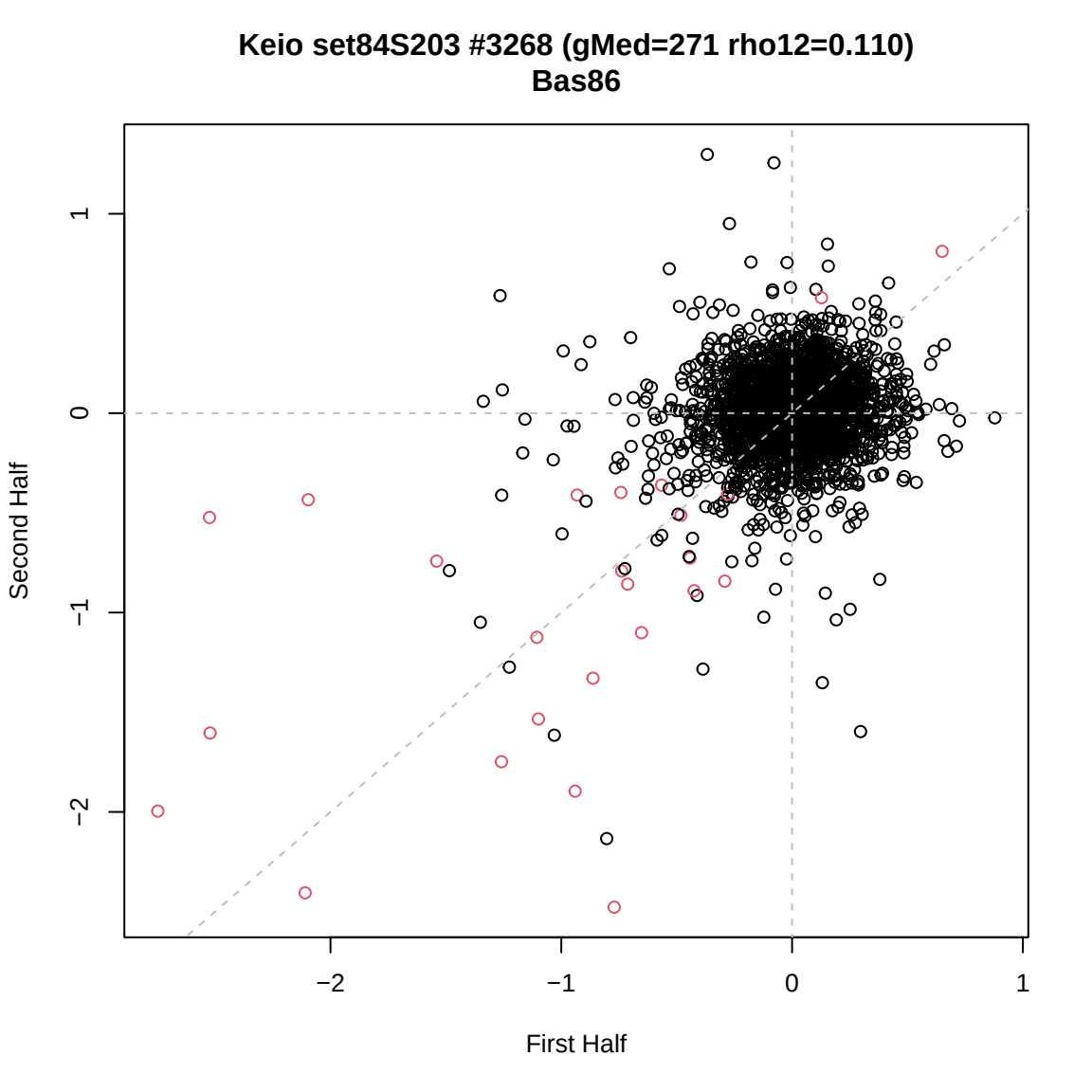

Keio set84S198 #3263 (gMed=3 rho12=0.445)
CPL00144L
Second Half
First Half
0
5
10
0
5
10

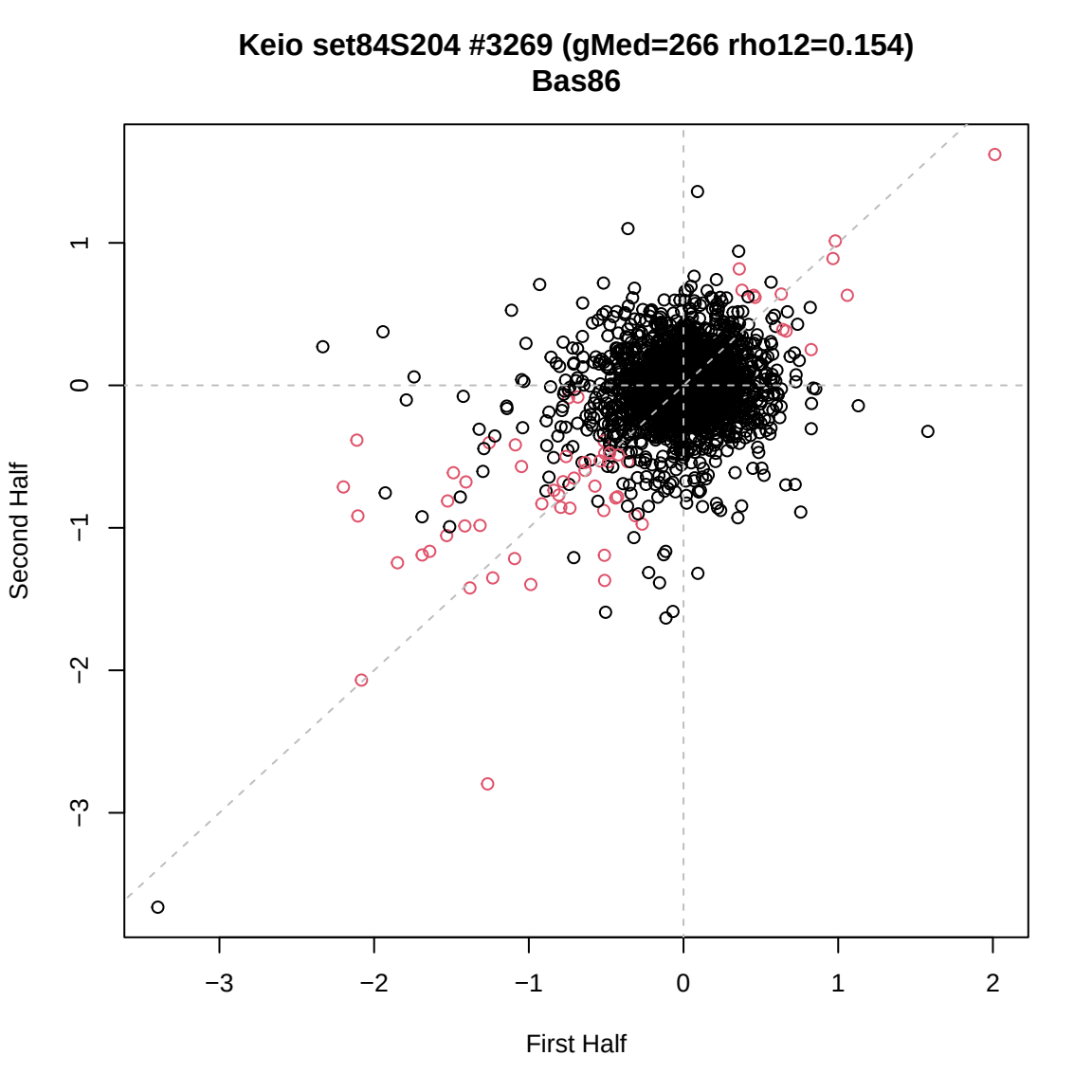

Keio set84S199 #3264 (gMed=1 rho12=0.480)
CPL00224
Second Half
First Half
0
5
10
15

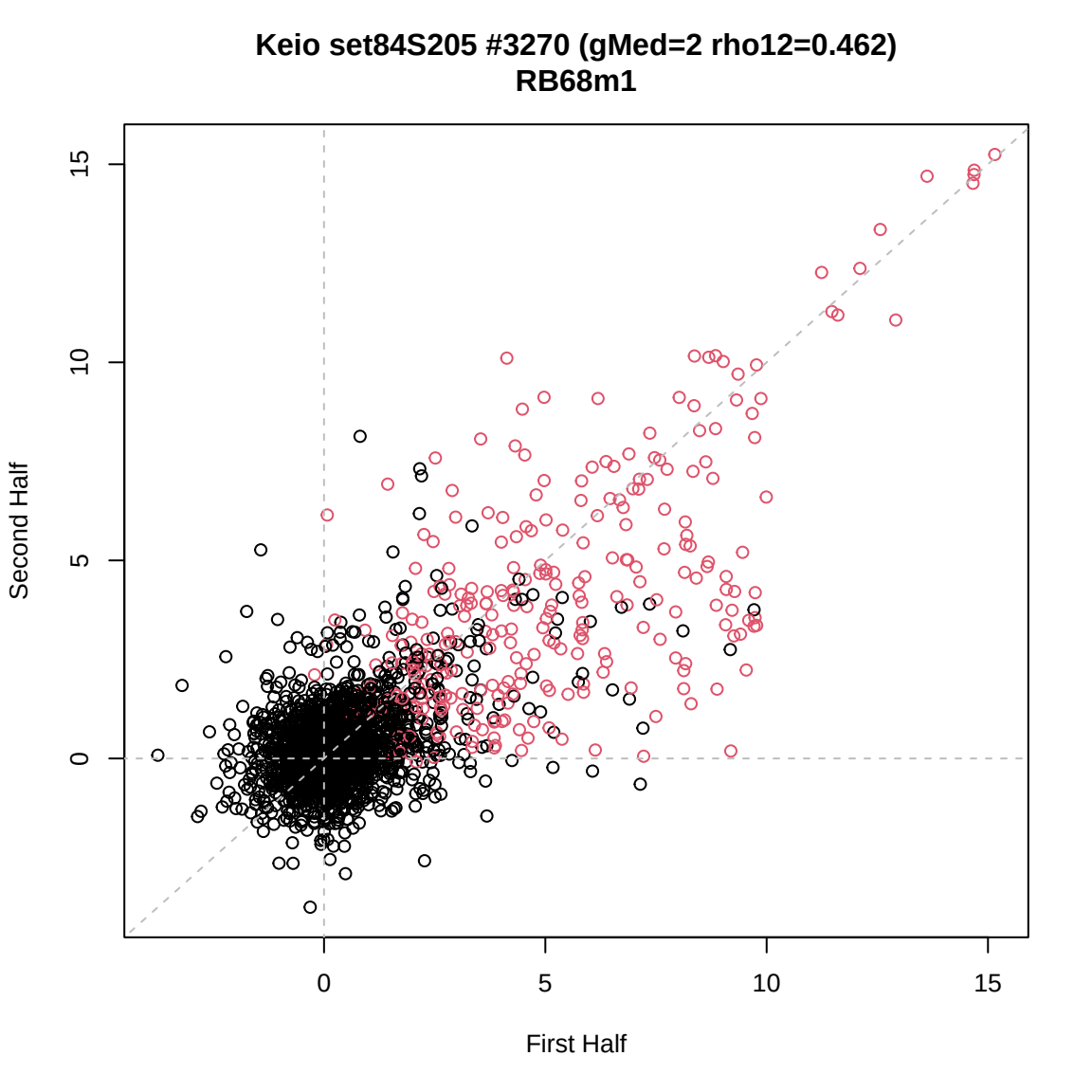

Keio set84S200 #3265 (gMed=2 rho12=0.469)
CPL00224
Second Half
First Half
0
5
10
15

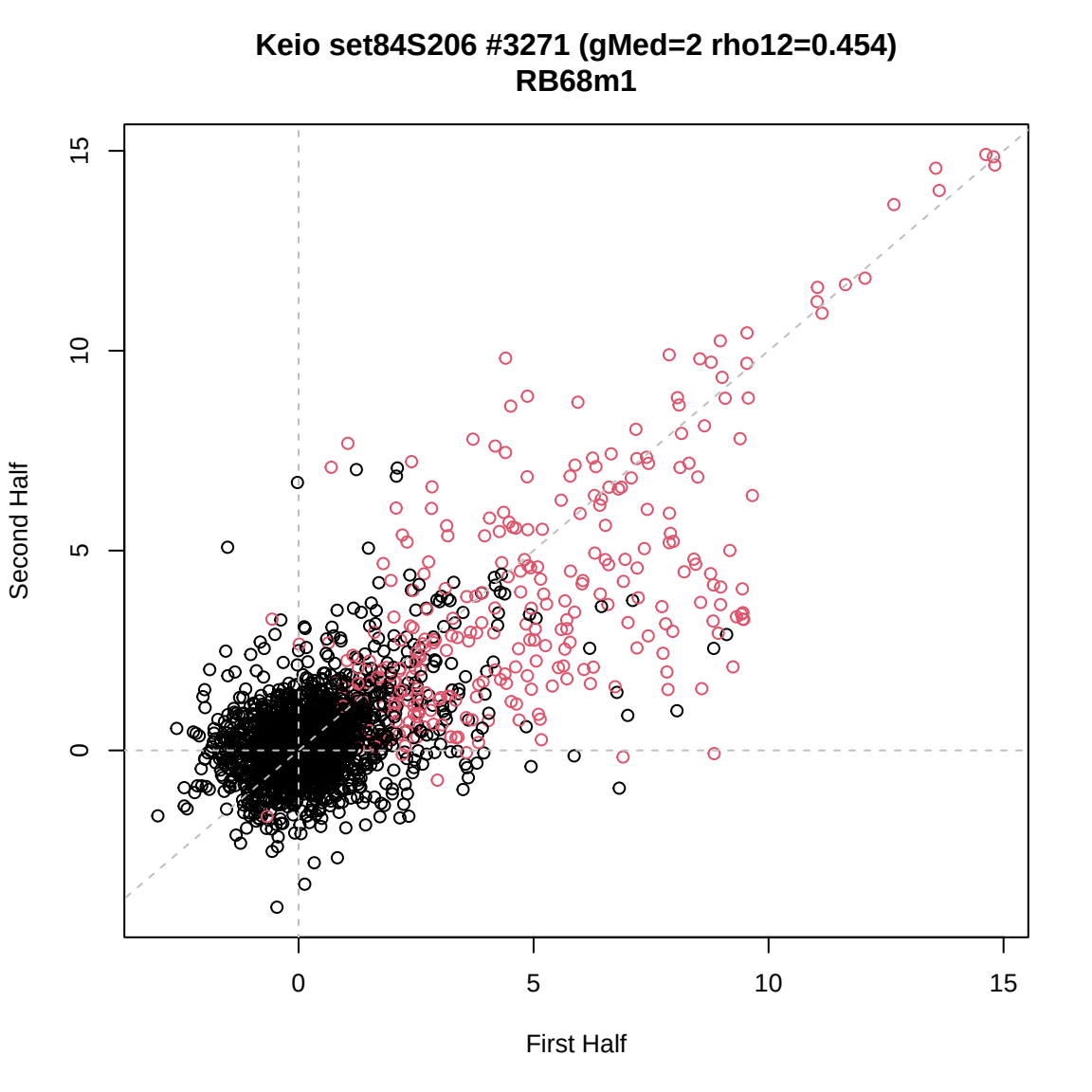

Keio set84S201 #3266 (gMed=309 rho12=0.158)
Bas76
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

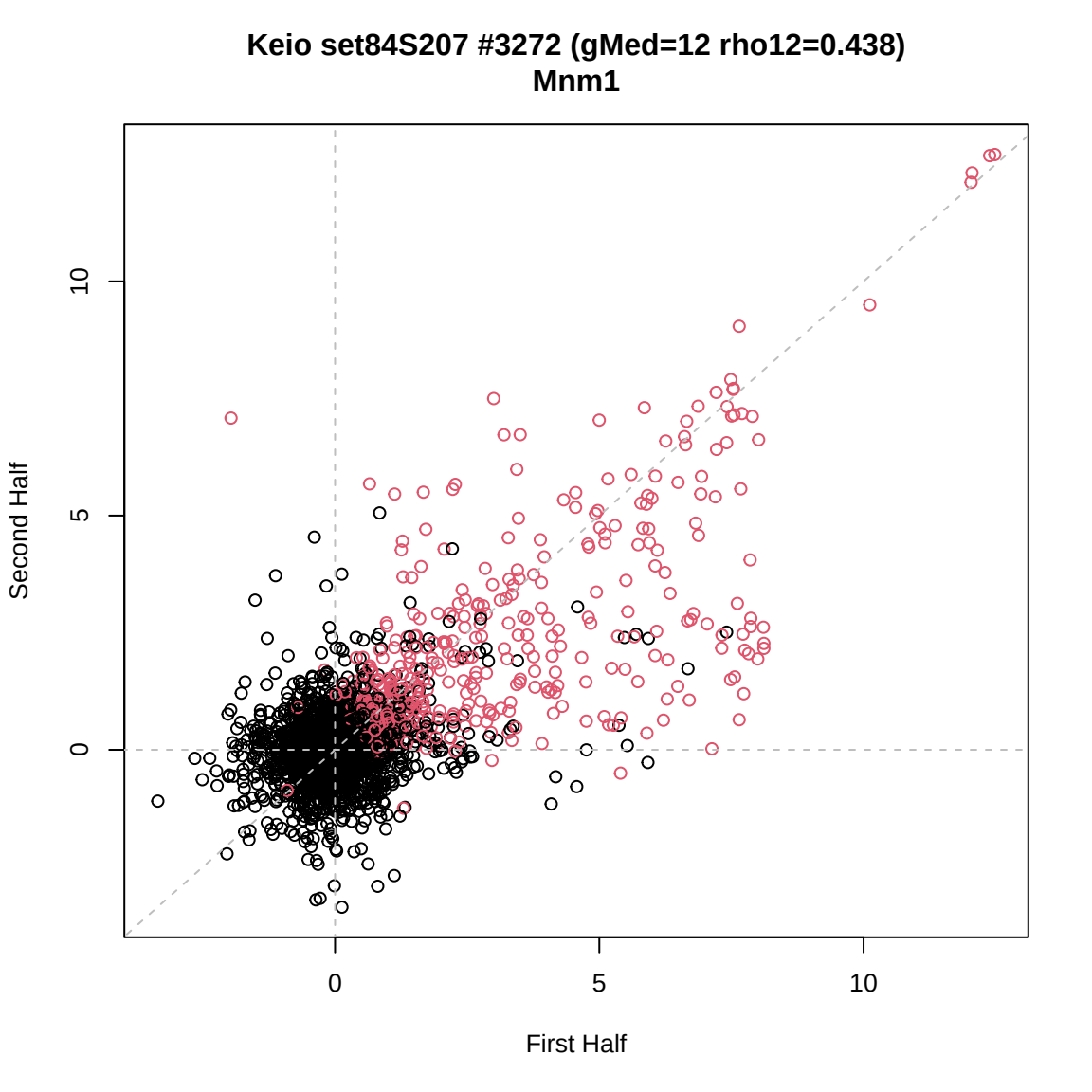

Keio set84S202 #3267 (gMed=266 rho12=0.128)
Bas76
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

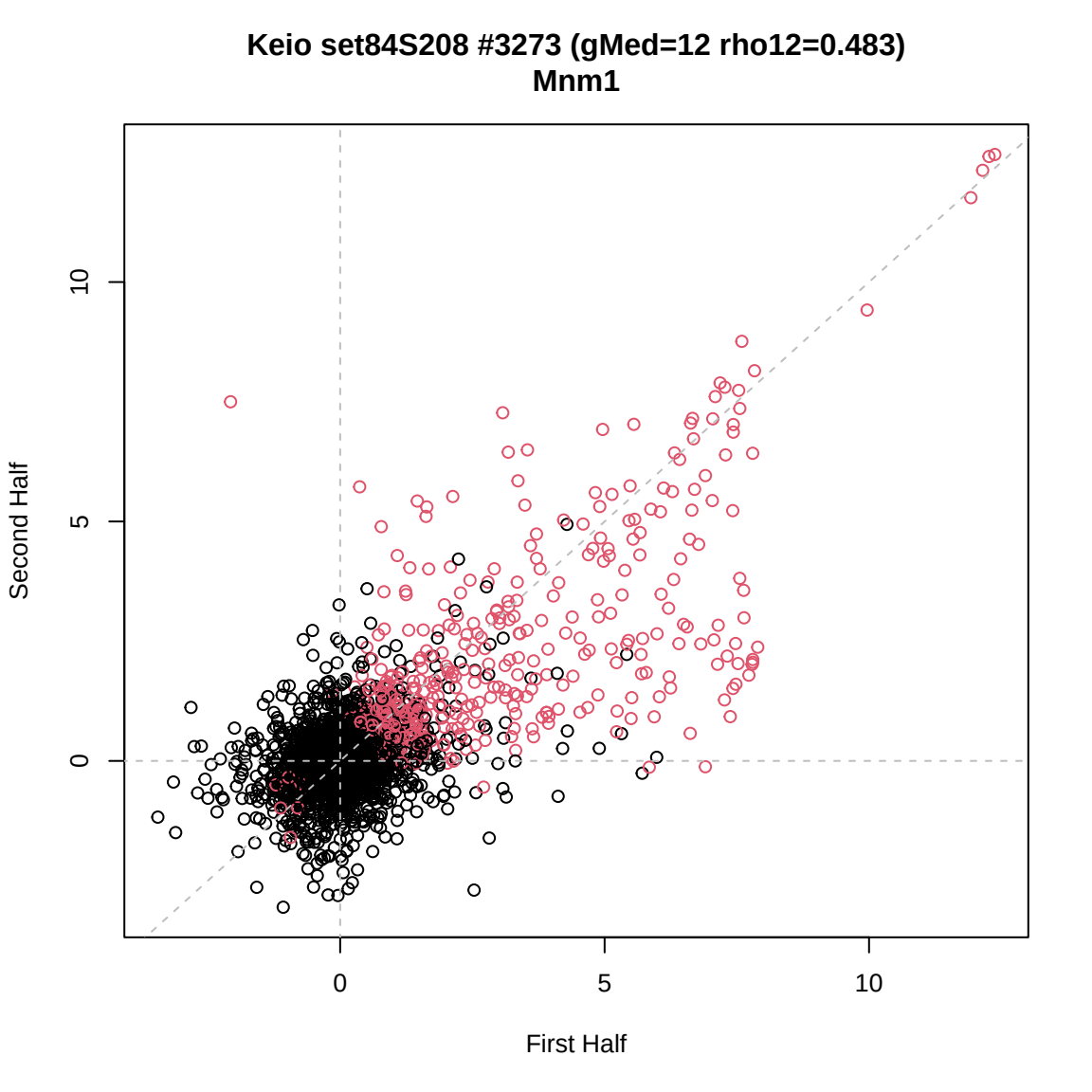

Keio set84S203 #3268 (gMed=271 rho12=0.110)
Bas86
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

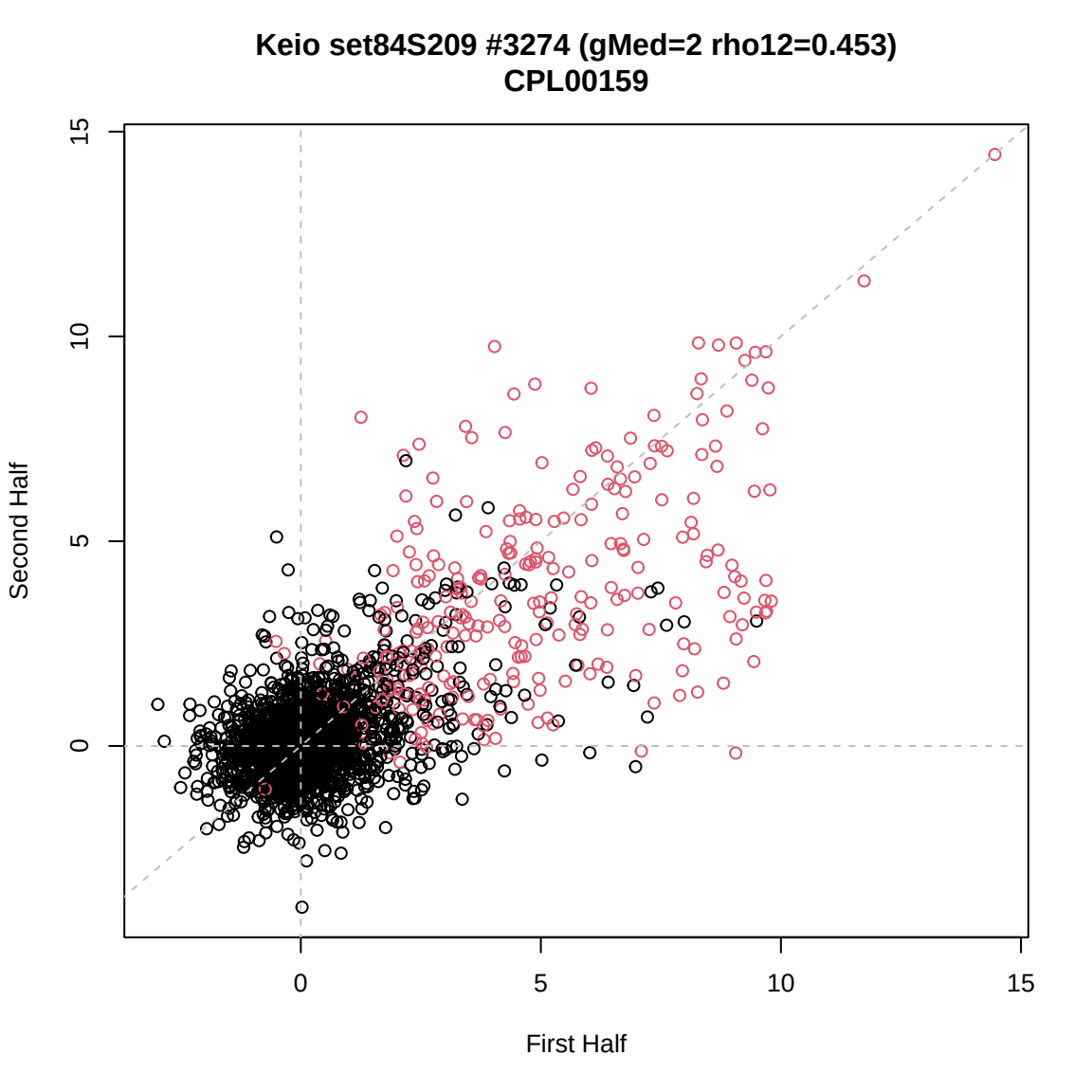

Keio set84S204 #3269 (gMed=266 rho12=0.154)
Bas86
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

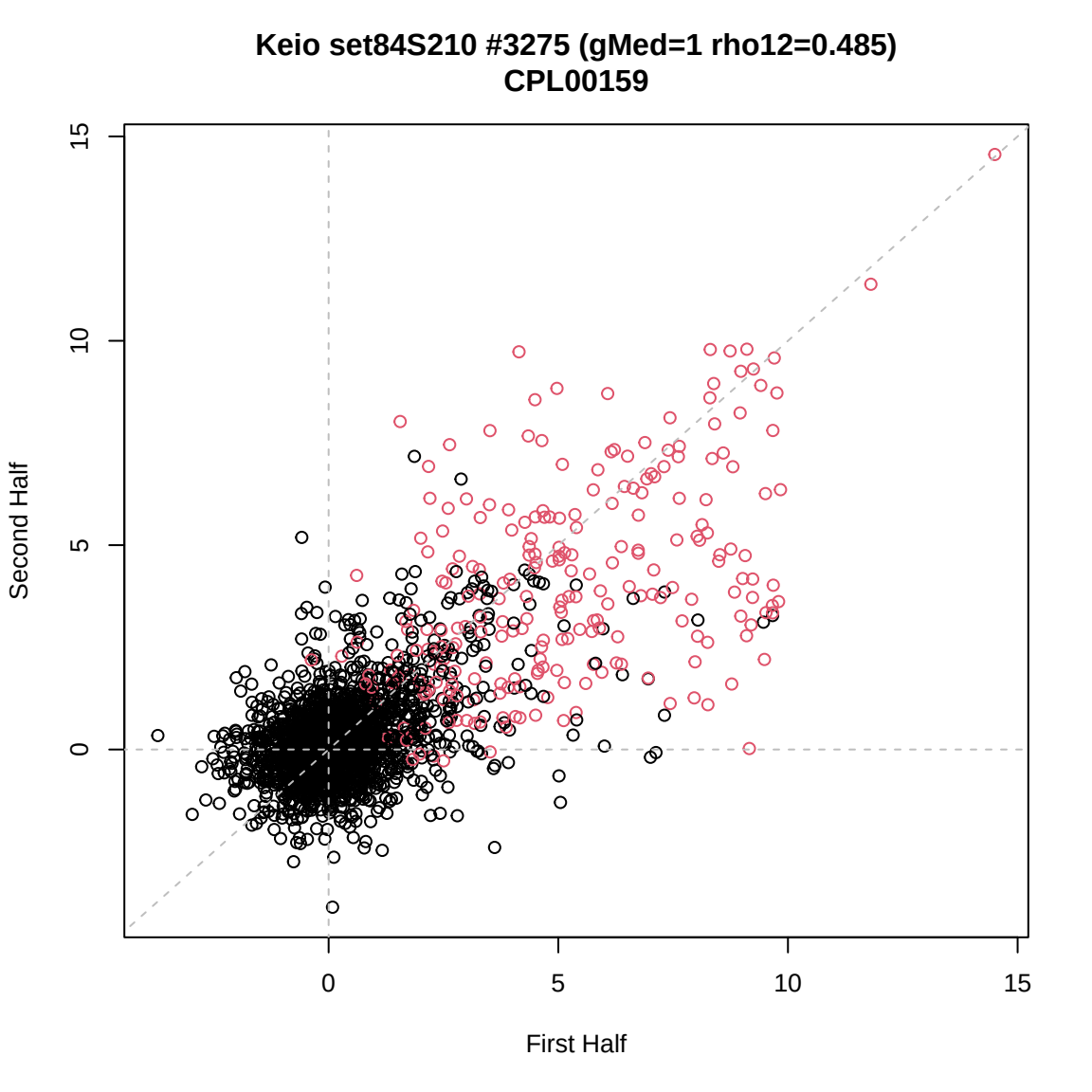

Keio set84S205 #3270 (gMed=2 rho12=0.462)
RB68m1
Second Half
First Half
0
5
10
15

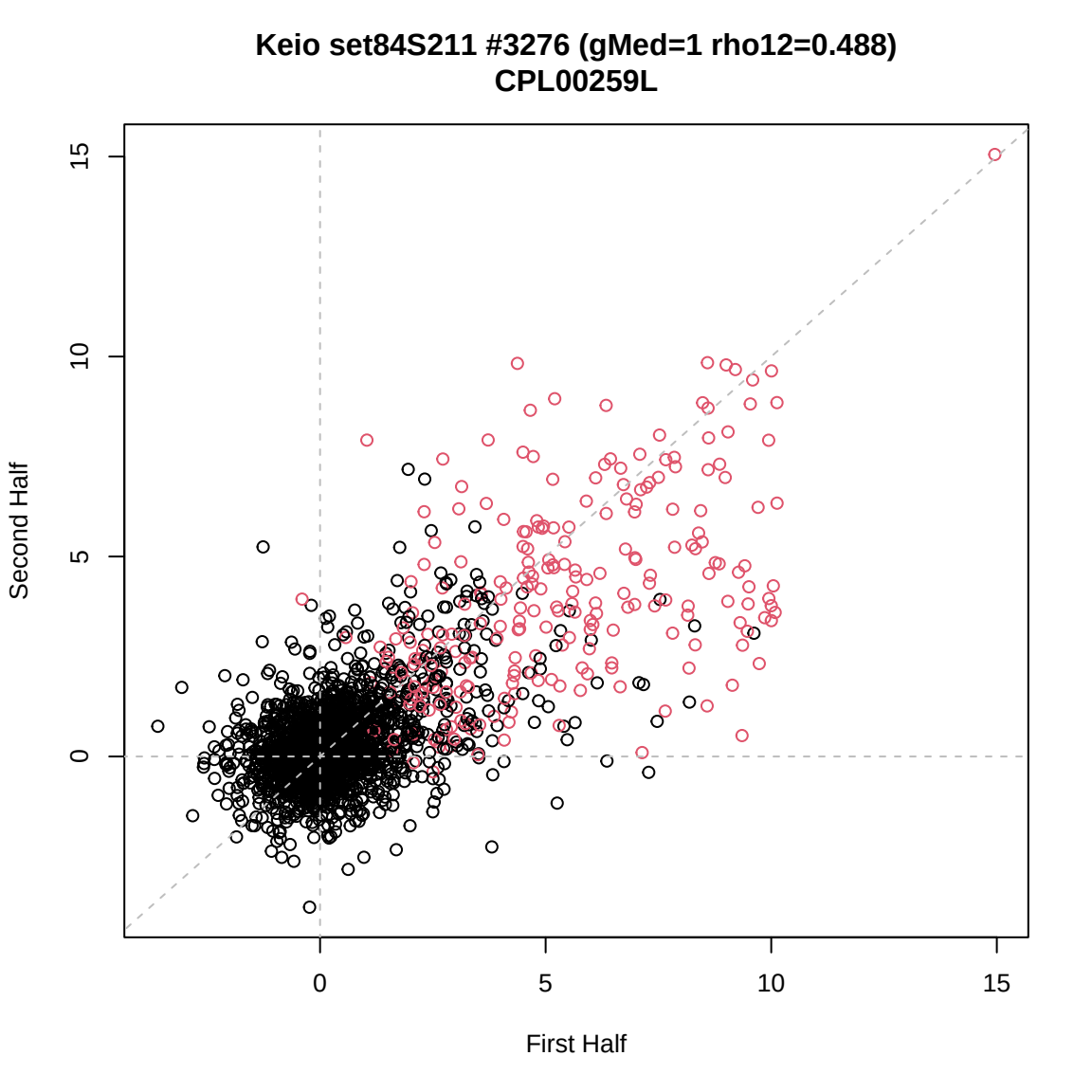

Keio set84S206 #3271 (gMed=2 rho12=0.454)
RB68m1
Second Half
First Half
0
5
10
15

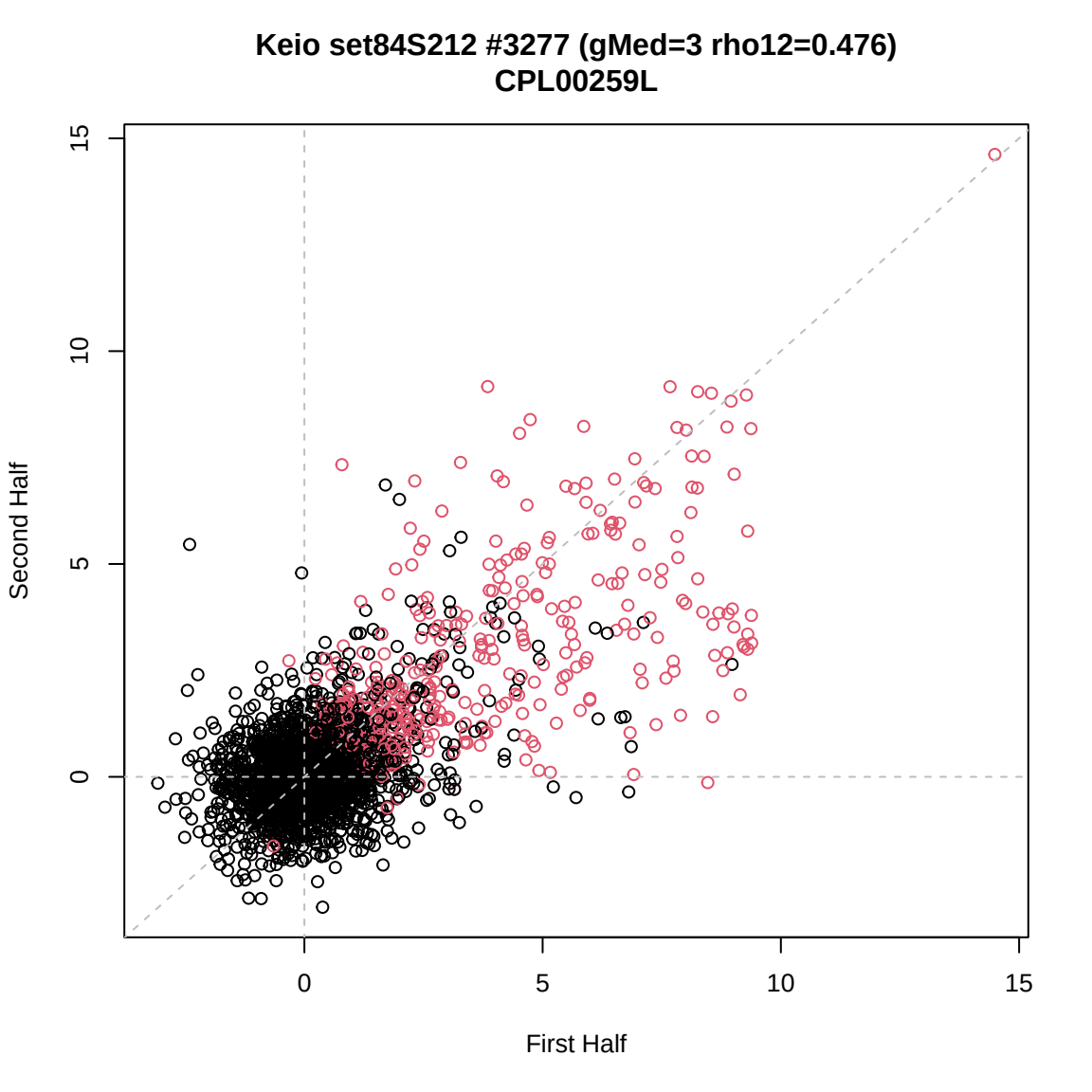

Keio set84S207 #3272 (gMed=12 rho12=0.438)
Mnm1
Second Half
First Half
0
5
10
0
5
10

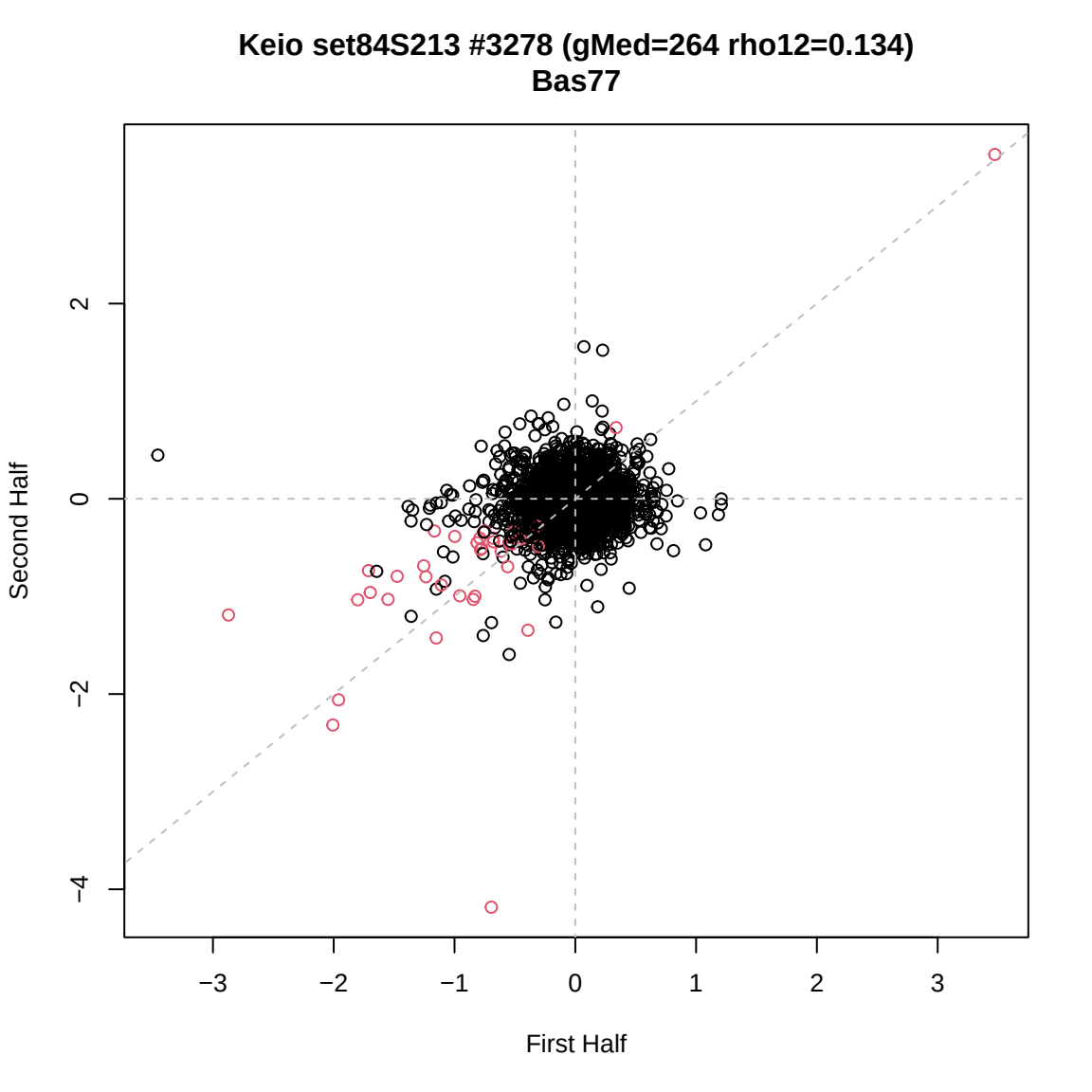

Keio set84S208 #3273 (gMed=12 rho12=0.483)
Mnm1
Second Half
First Half
0
5
10
0
5
10

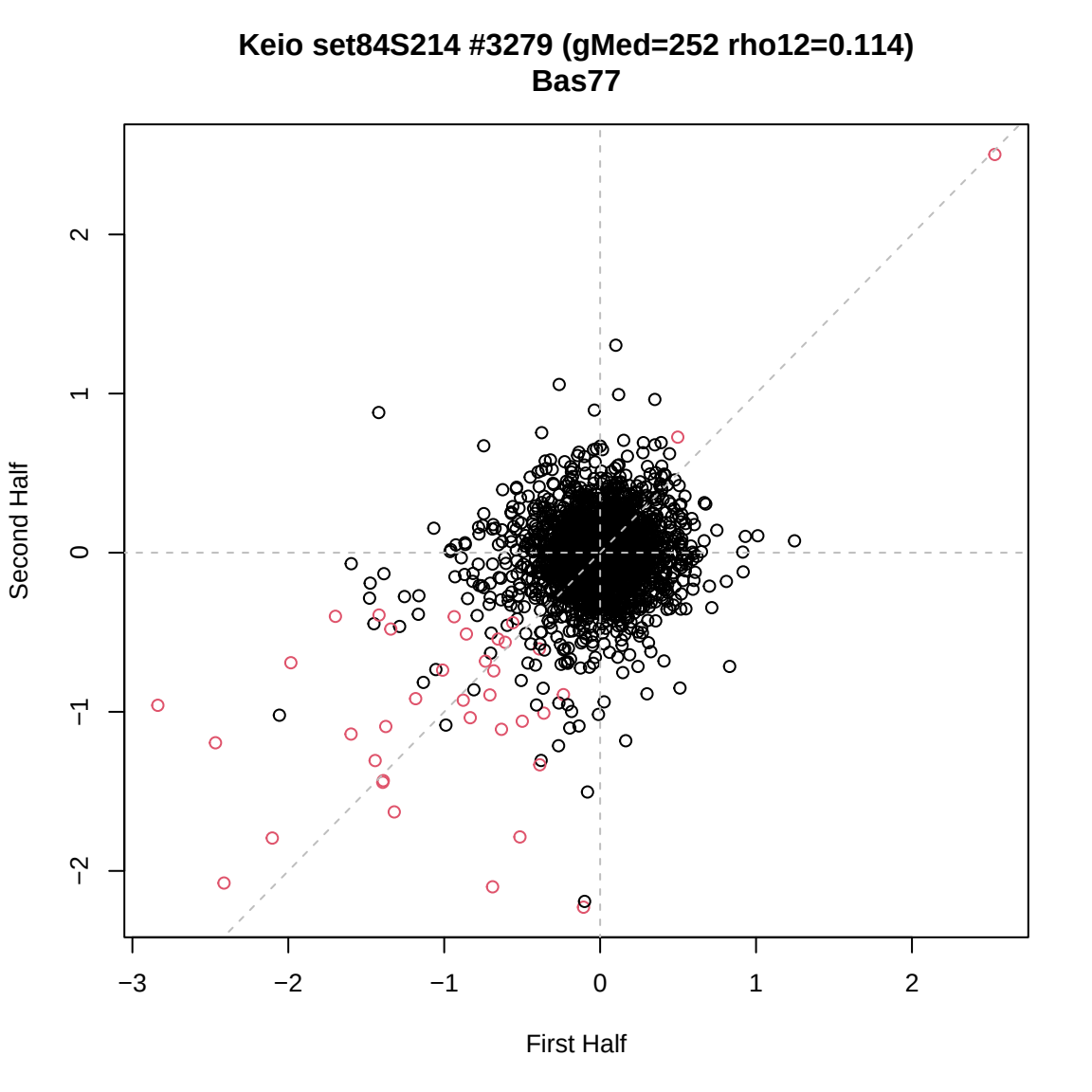

Keio set84S209 #3274 (gMed=2 rho12=0.453)
CPL00159
Second Half
First Half
0
5
10
15

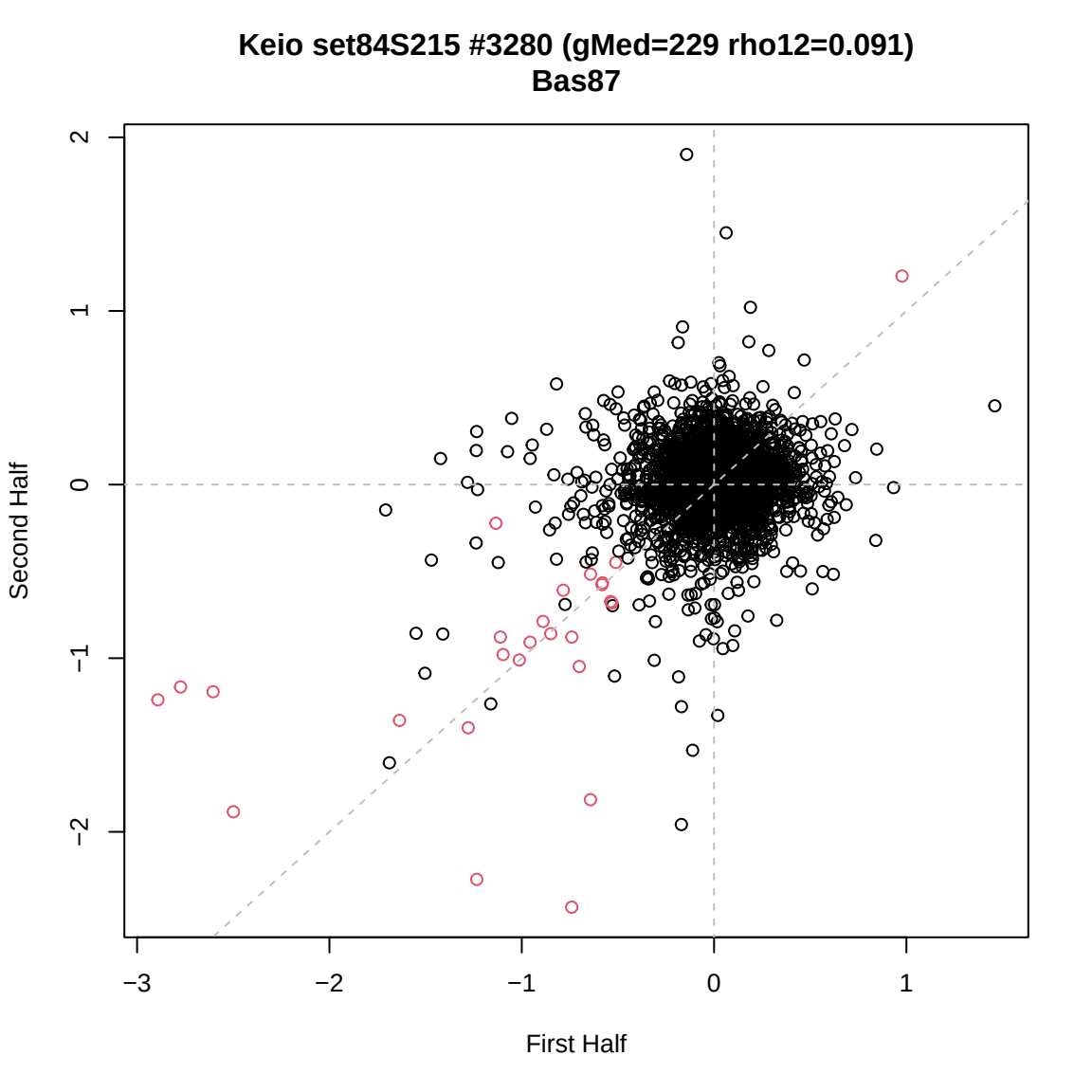

Keio set84S210 #3275 (gMed=1 rho12=0.485)
CPL00159
Second Half
First Half
15
10
5
0
0
5
10
15

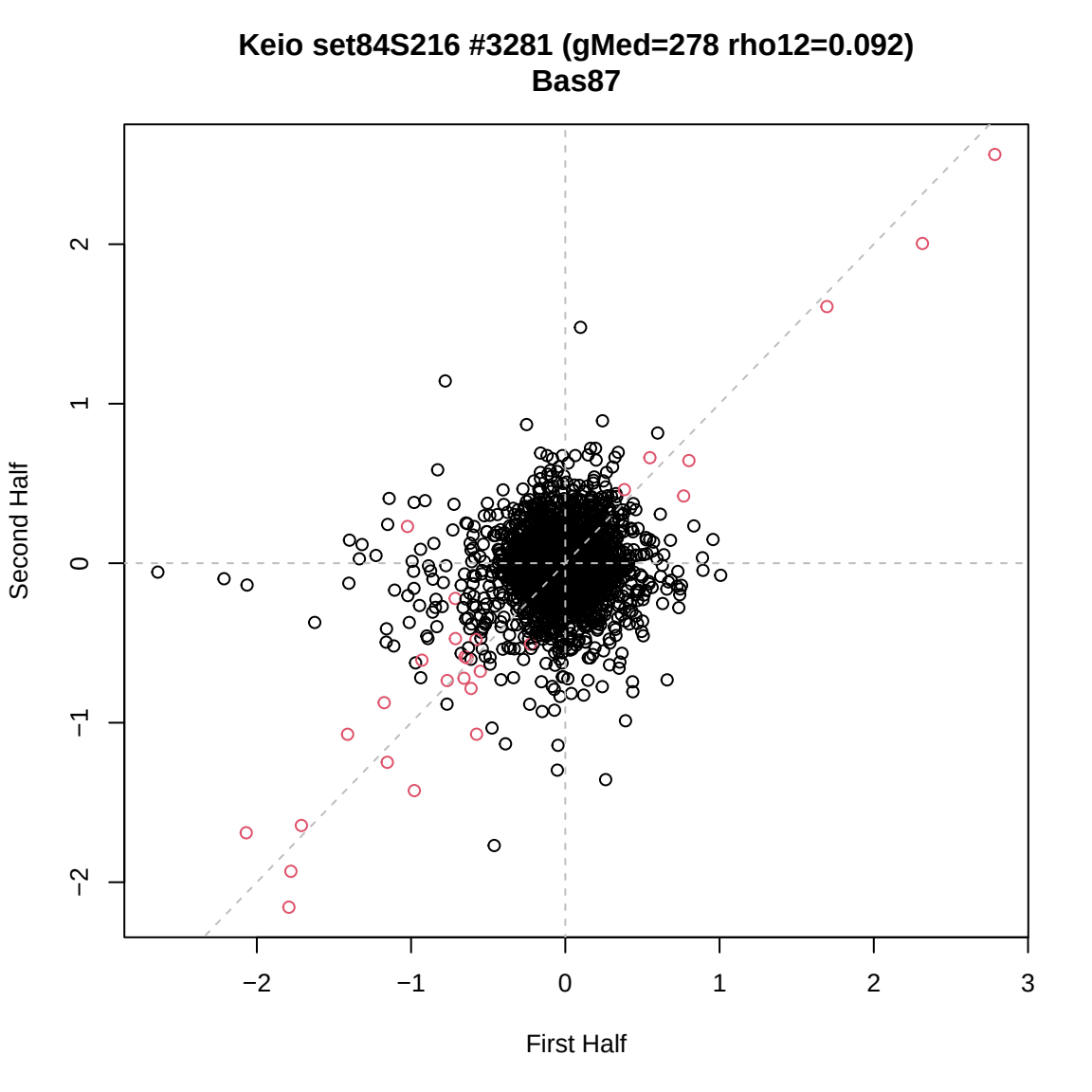

Keio set84S211 #3276 (gMed=1 rho12=0.488)
CPL00259L
Second Half
First Half
0
5
10
15

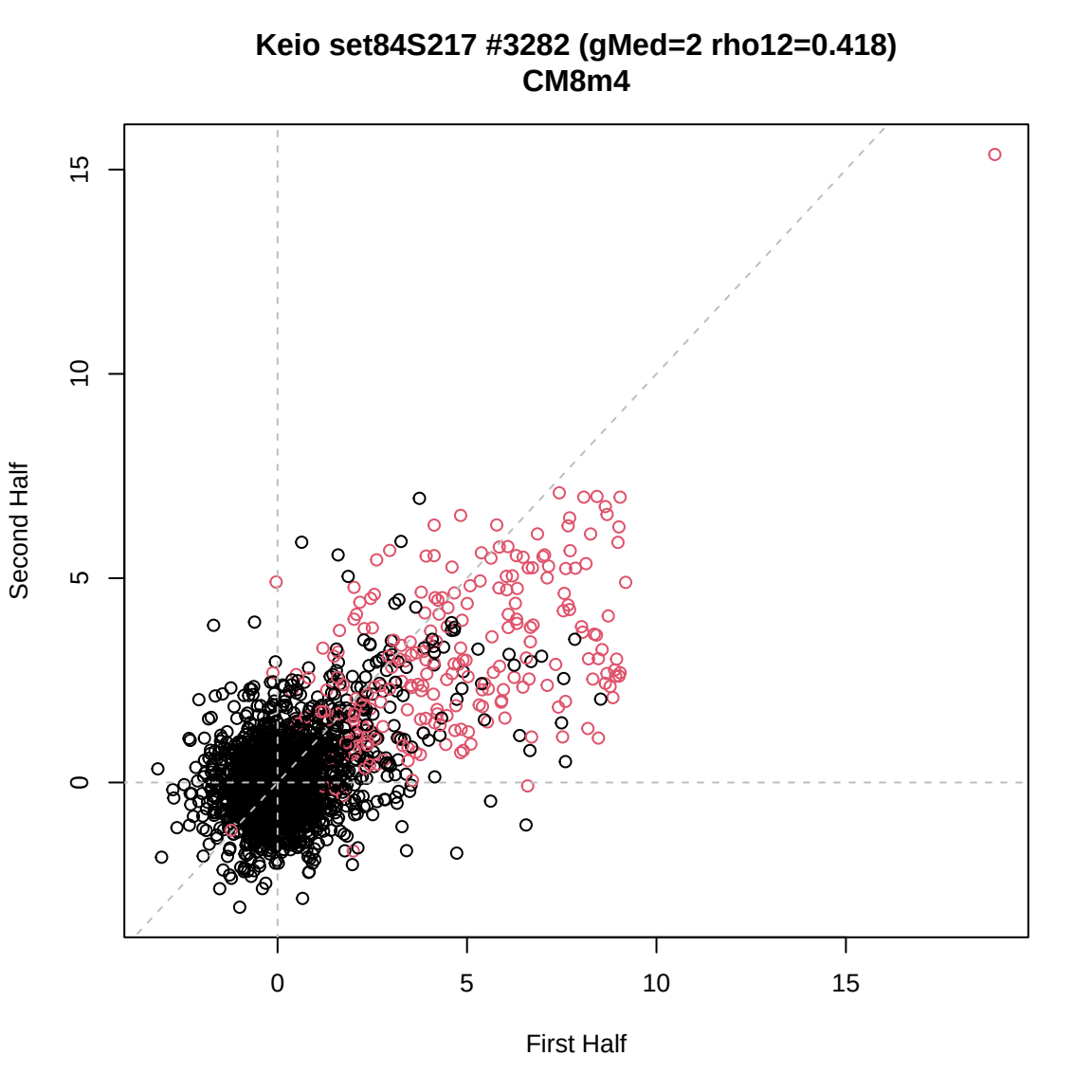

Keio set84S212 #3277 (gMed=3 rho12=0.476)
CPL00259L
Second Half
First Half
0
5
10
15

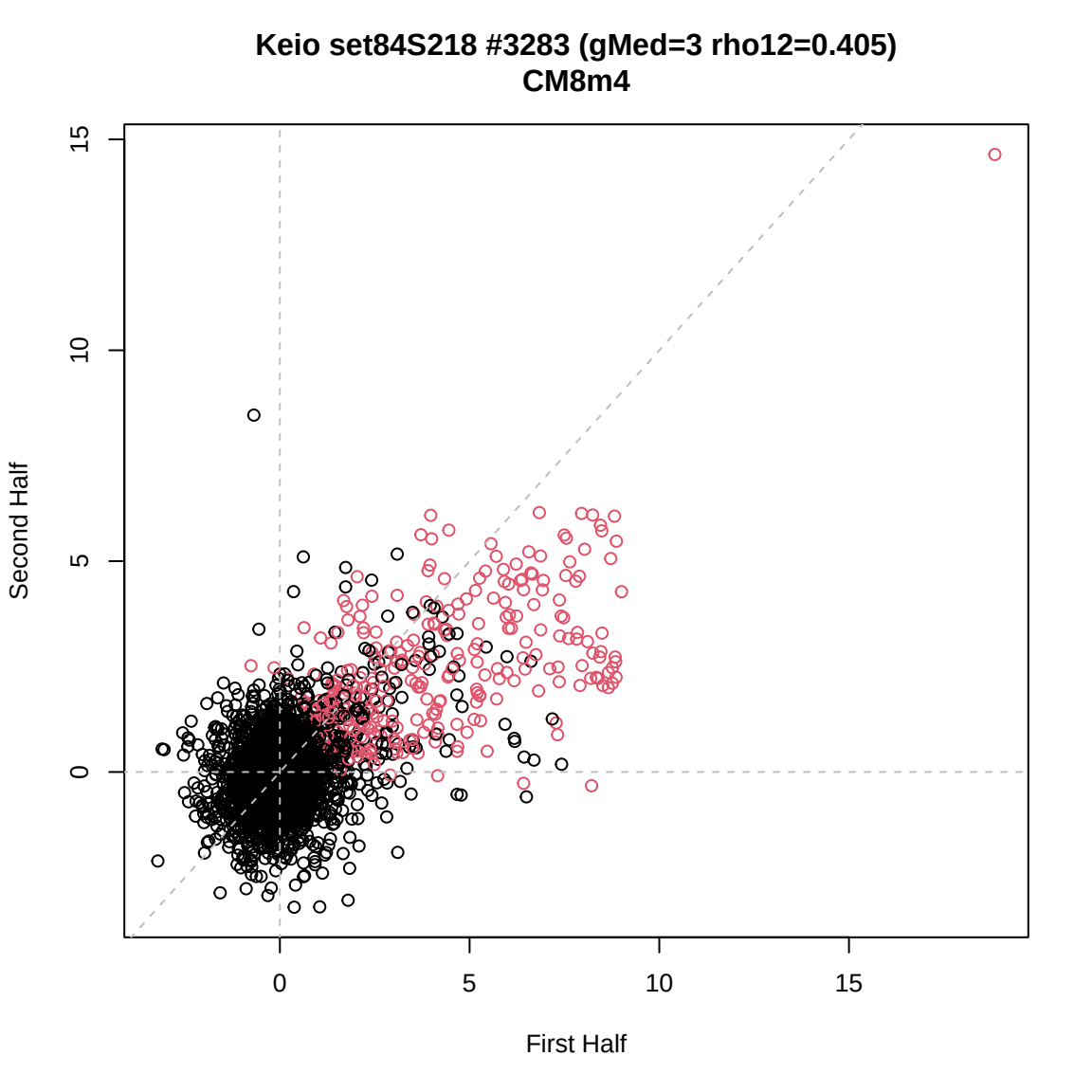

Keio set84S213 #3278 (gMed=264 rho12=0.134)
Bas77
Second Half
First Half
2
0
−2
−4
−3
−2
−1
0
1
2
3

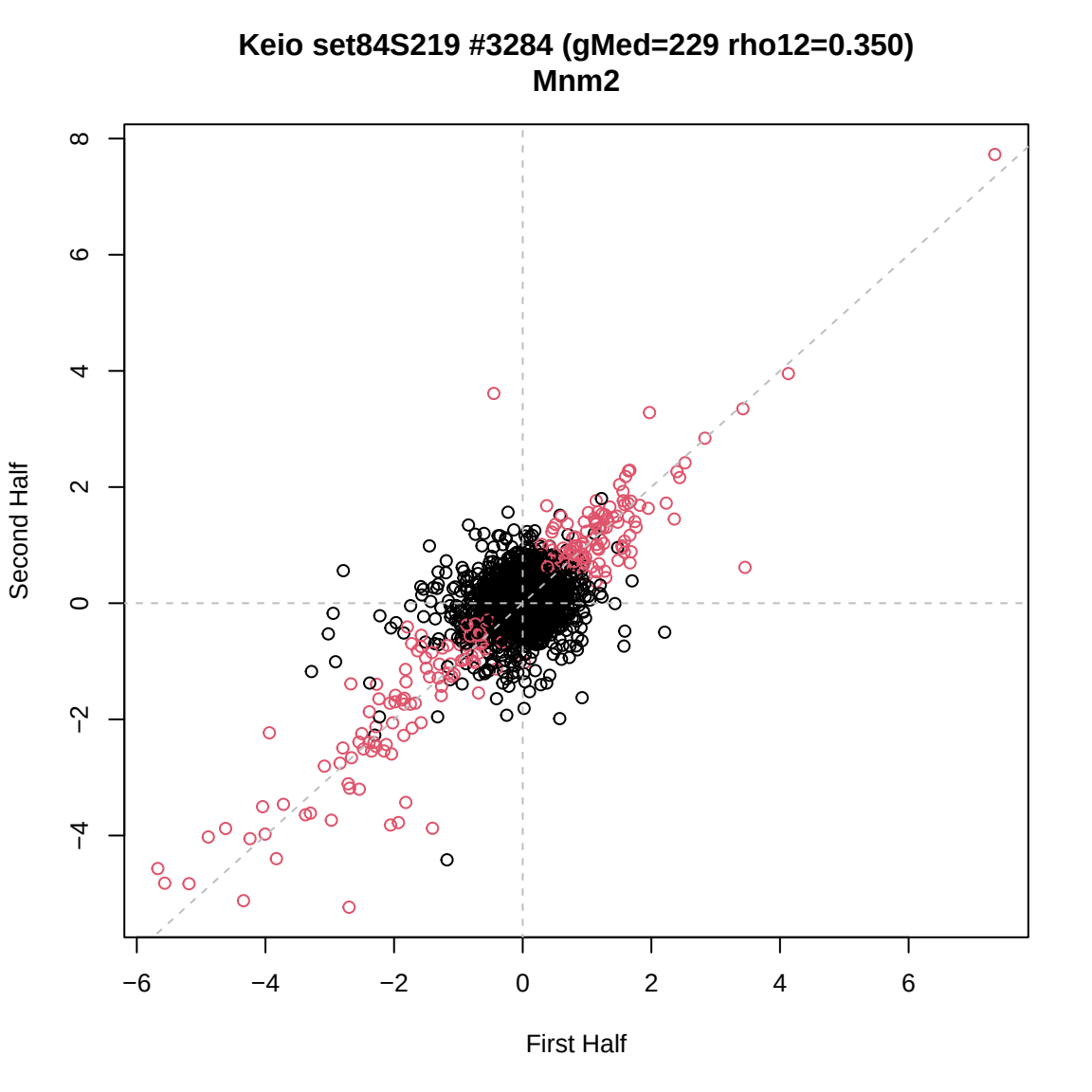

Keio set84S214 #3279 (gMed=252 rho12=0.114)
Bas77
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

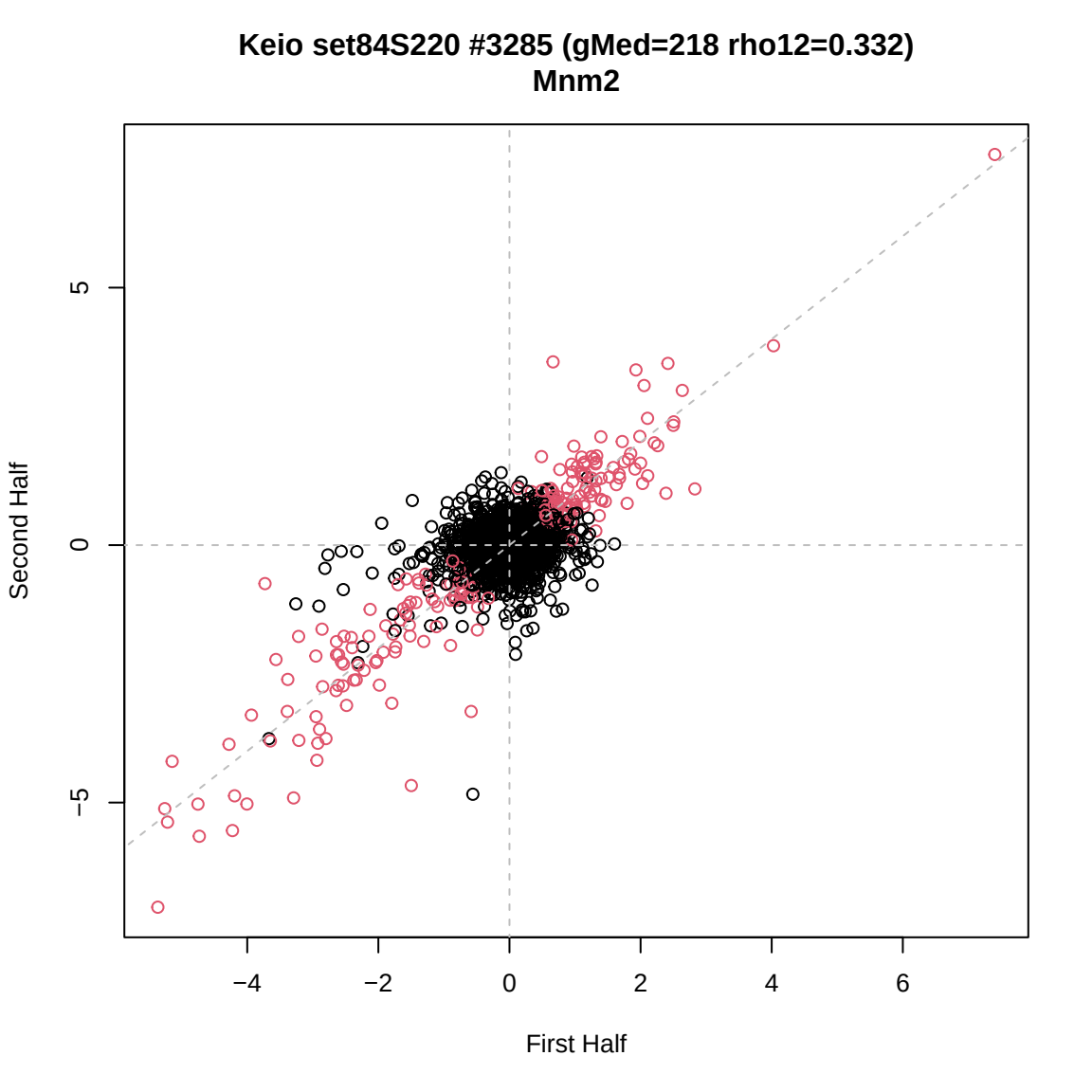

Keio set84S215 #3280 (gMed=229 rho12=0.091)
Bas87
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1

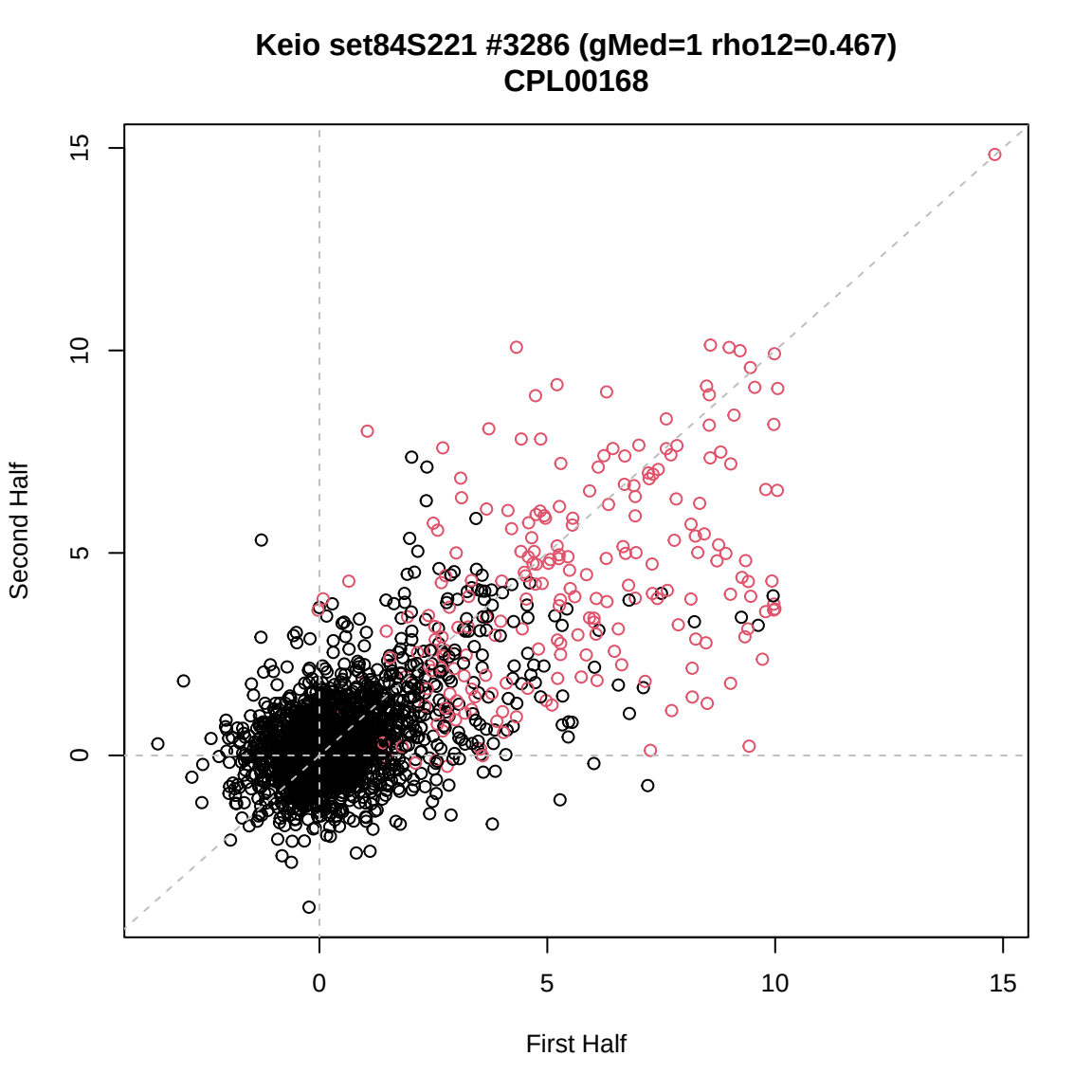

Keio set84S216 #3281 (gMed=278 rho12=0.092)
Bas87
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2
3

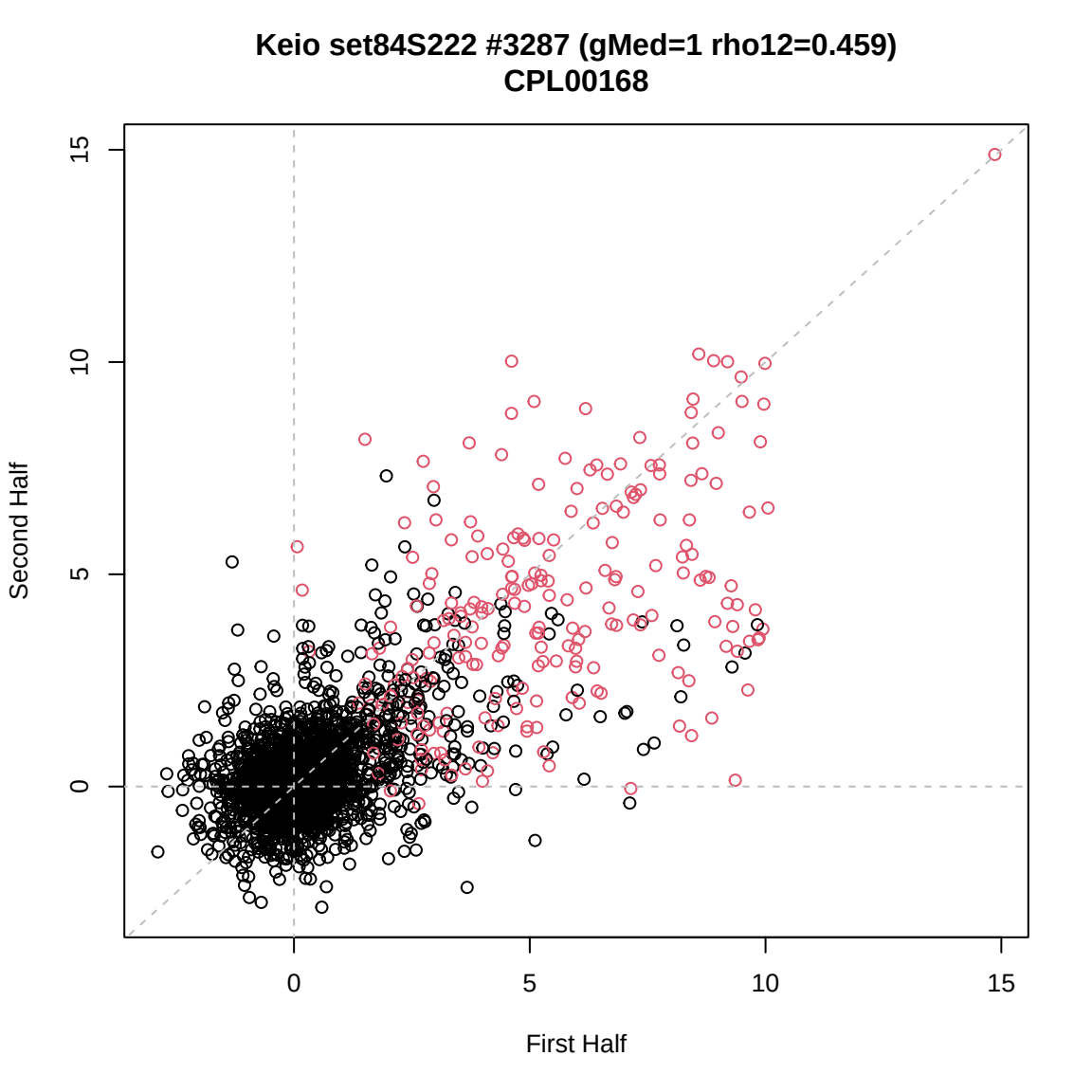

Keio set84S217 #3282 (gMed=2 rho12=0.418)
CM8m4
Second Half
First Half
0
5
10
15

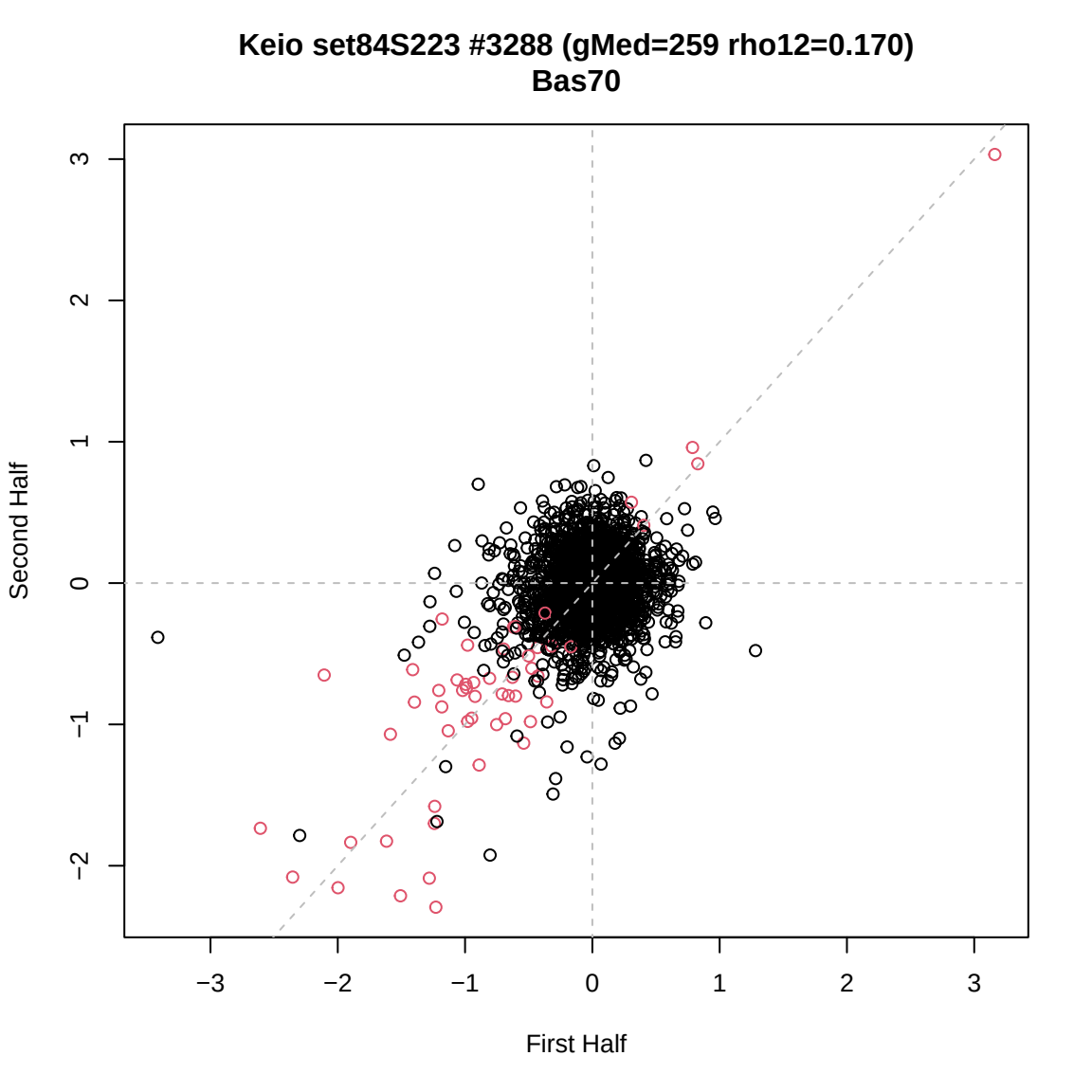

Keio set84S218 #3283 (gMed=3 rho12=0.405)
CM8m4
Second Half
First Half
0
5
10
15

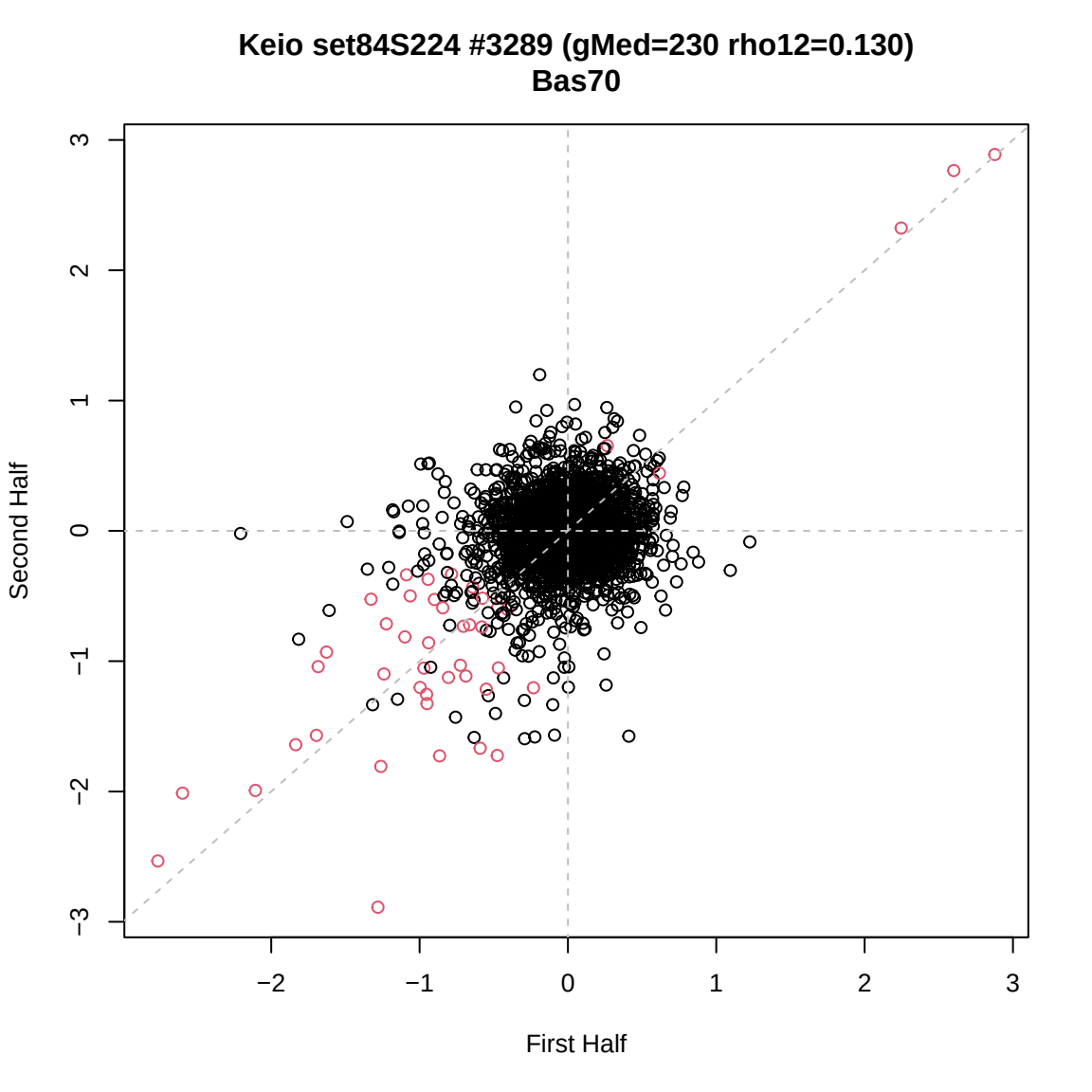

Keio set84S219 #3284 (gMed=229 rho12=0.350)
Mnm2
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

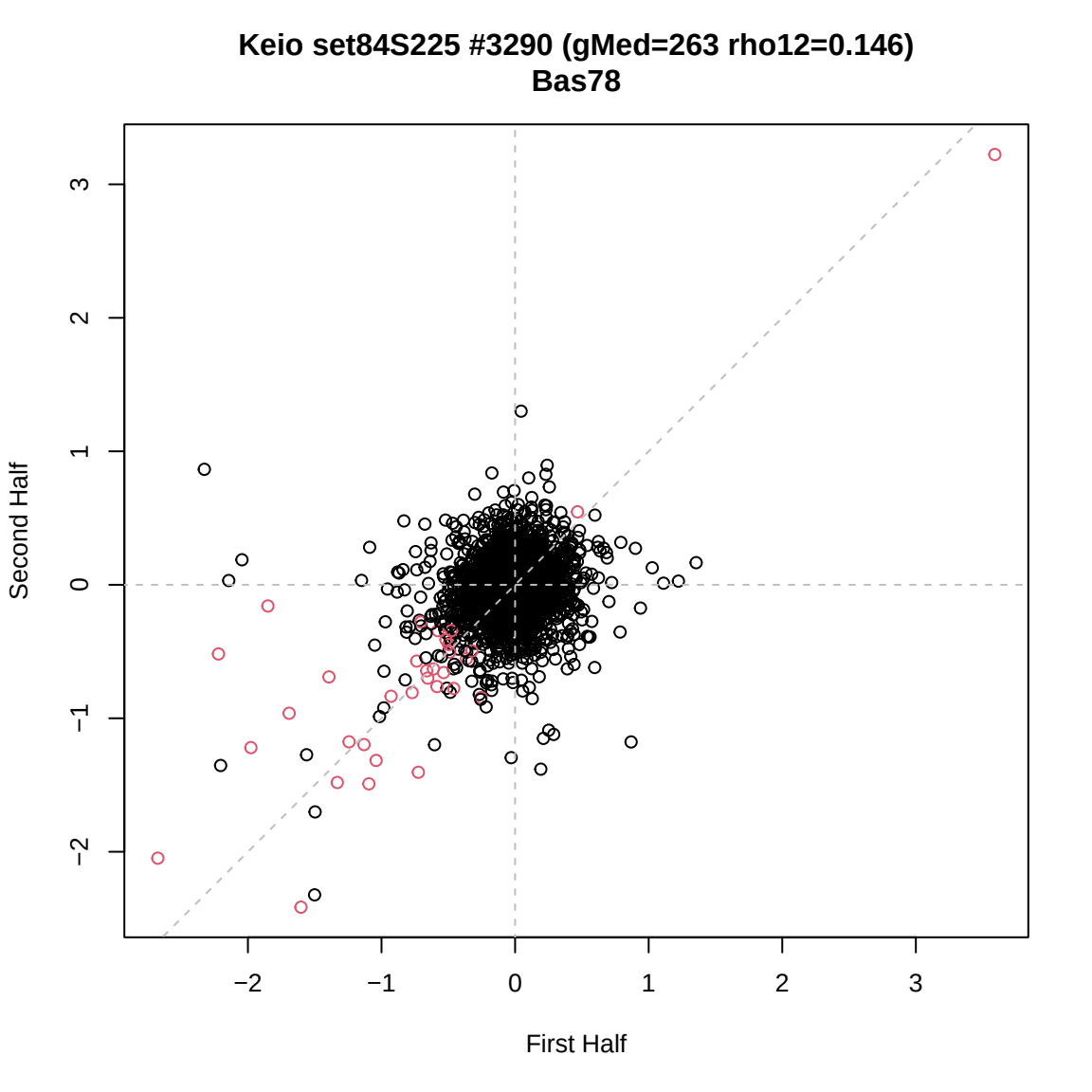

Keio set84S220 #3285 (gMed=218 rho12=0.332)
Mnm2
Second Half
First Half
5
0
−5
−4
−2
0
2
4
6

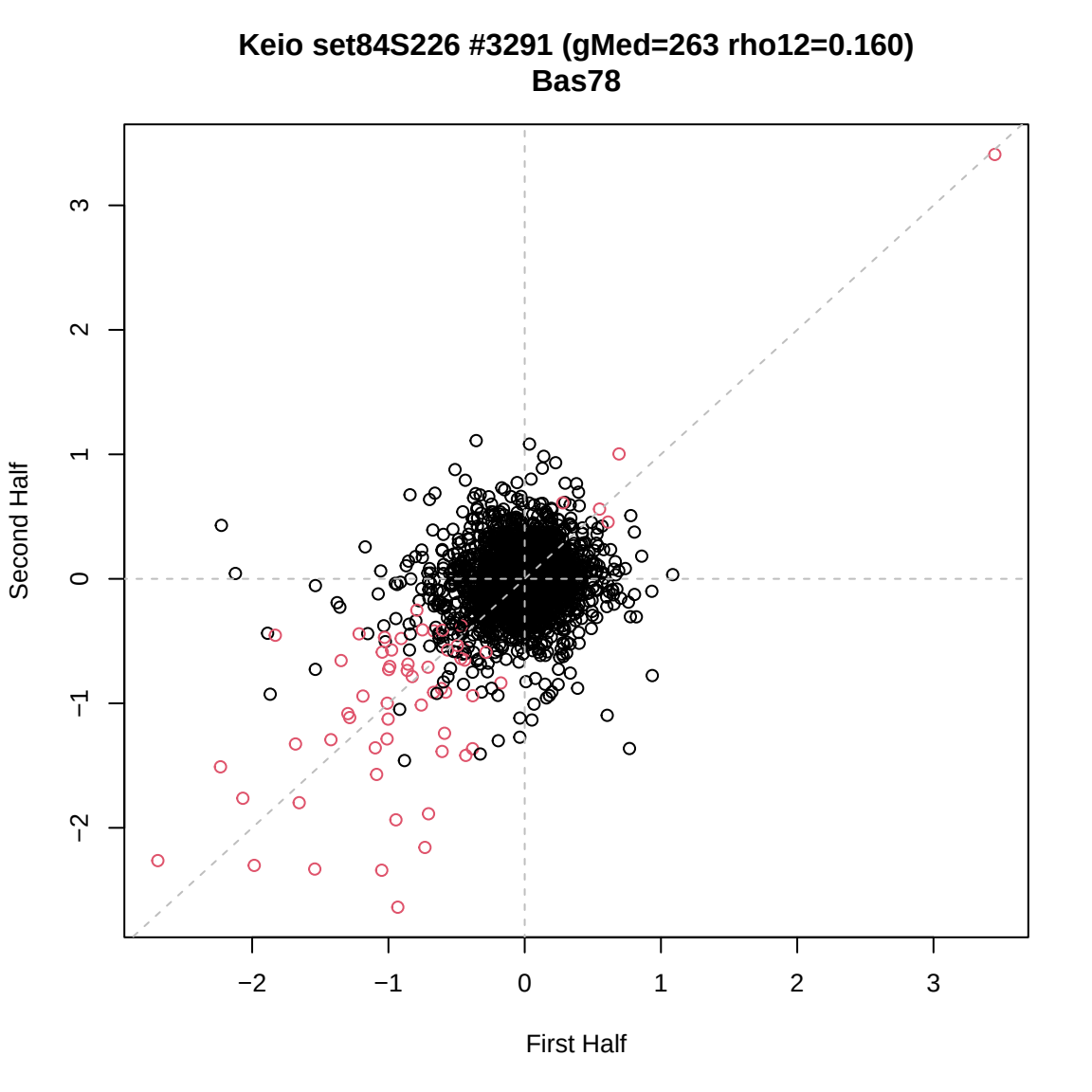

Keio set84S221 #3286 (gMed=1 rho12=0.467)
CPL00168
Second Half
First Half
0
5
10
15

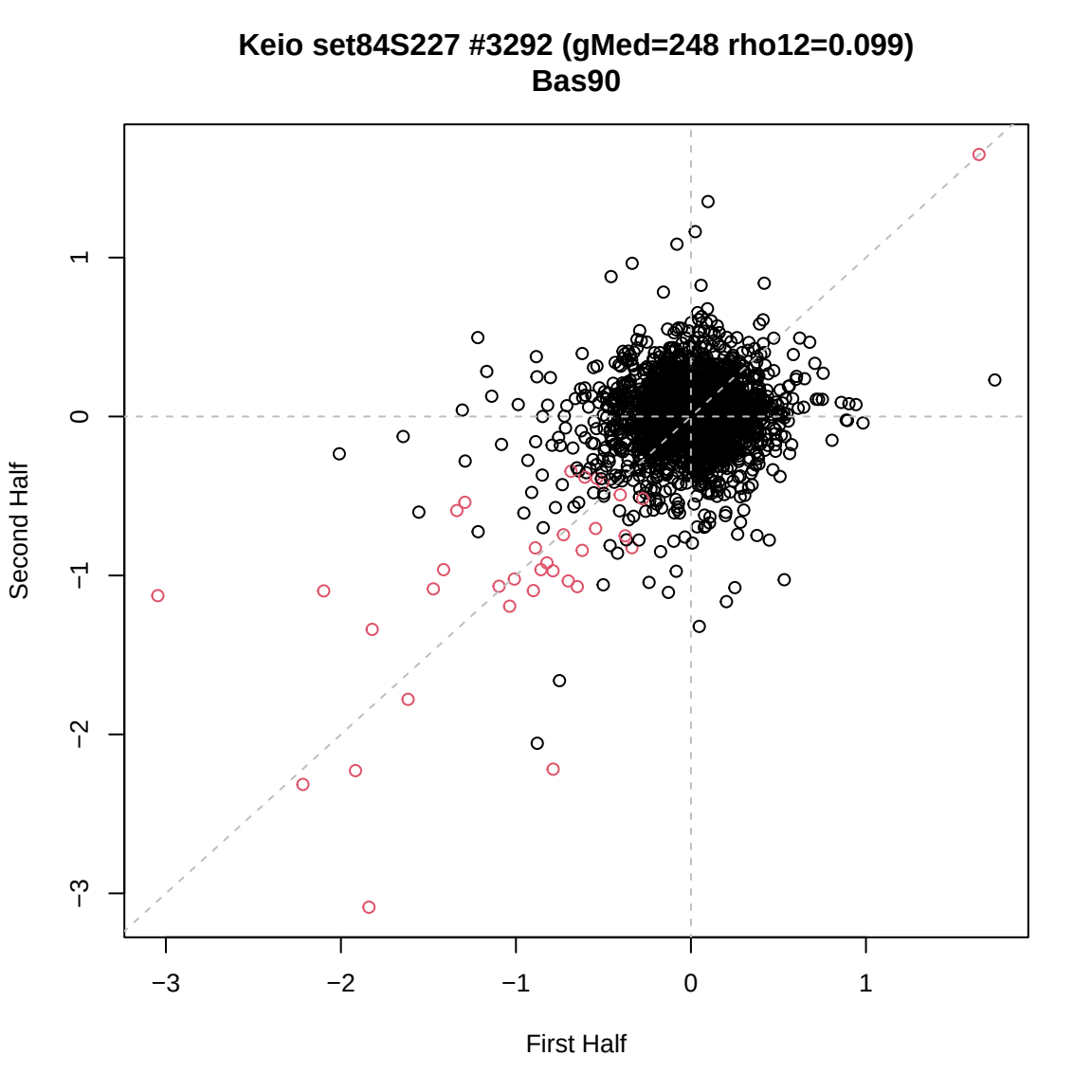

Keio set84S222 #3287 (gMed=1 rho12=0.459)
CPL00168
Second Half
First Half
0
5
10
15

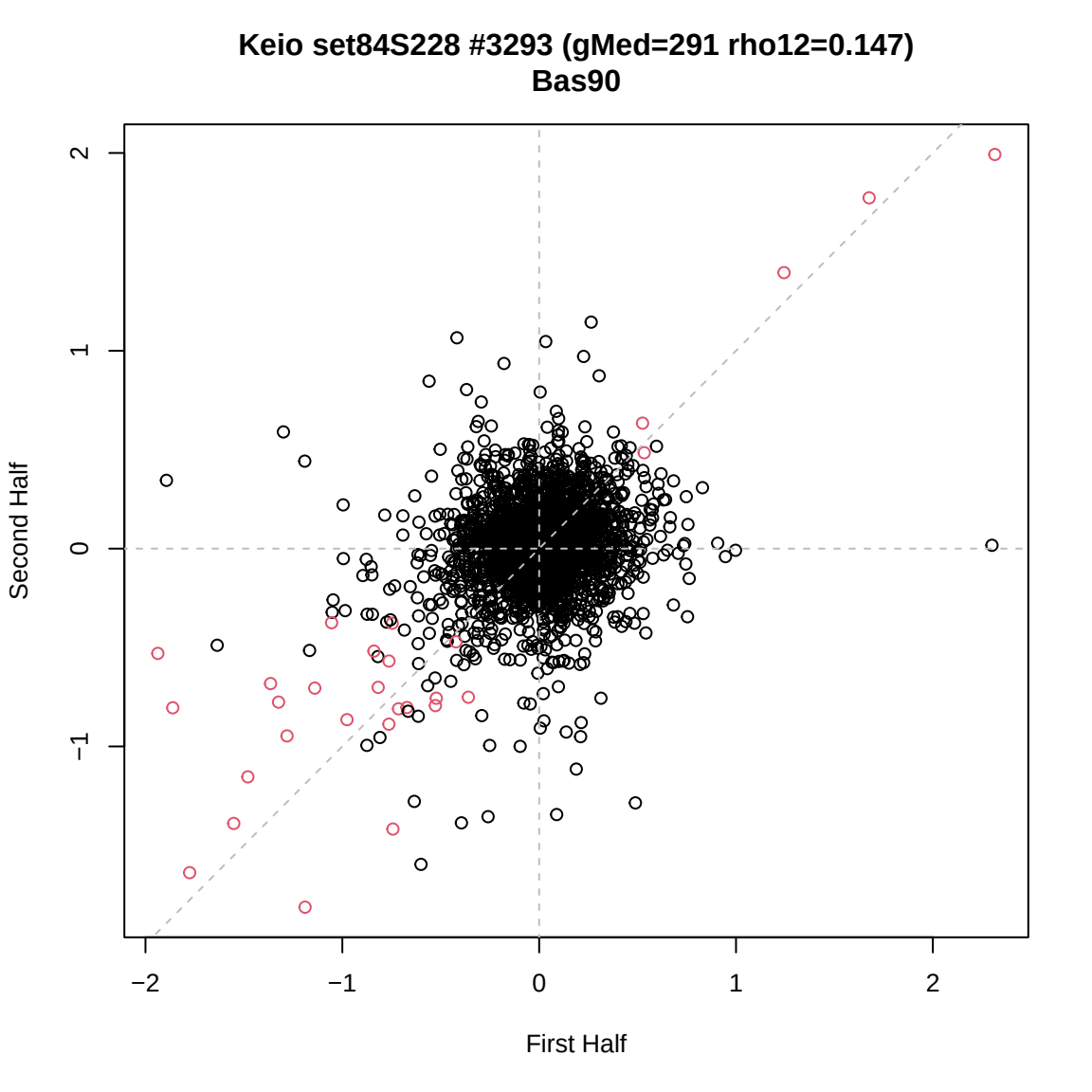

Keio set84S223 #3288 (gMed=259 rho12=0.170)
Bas70
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

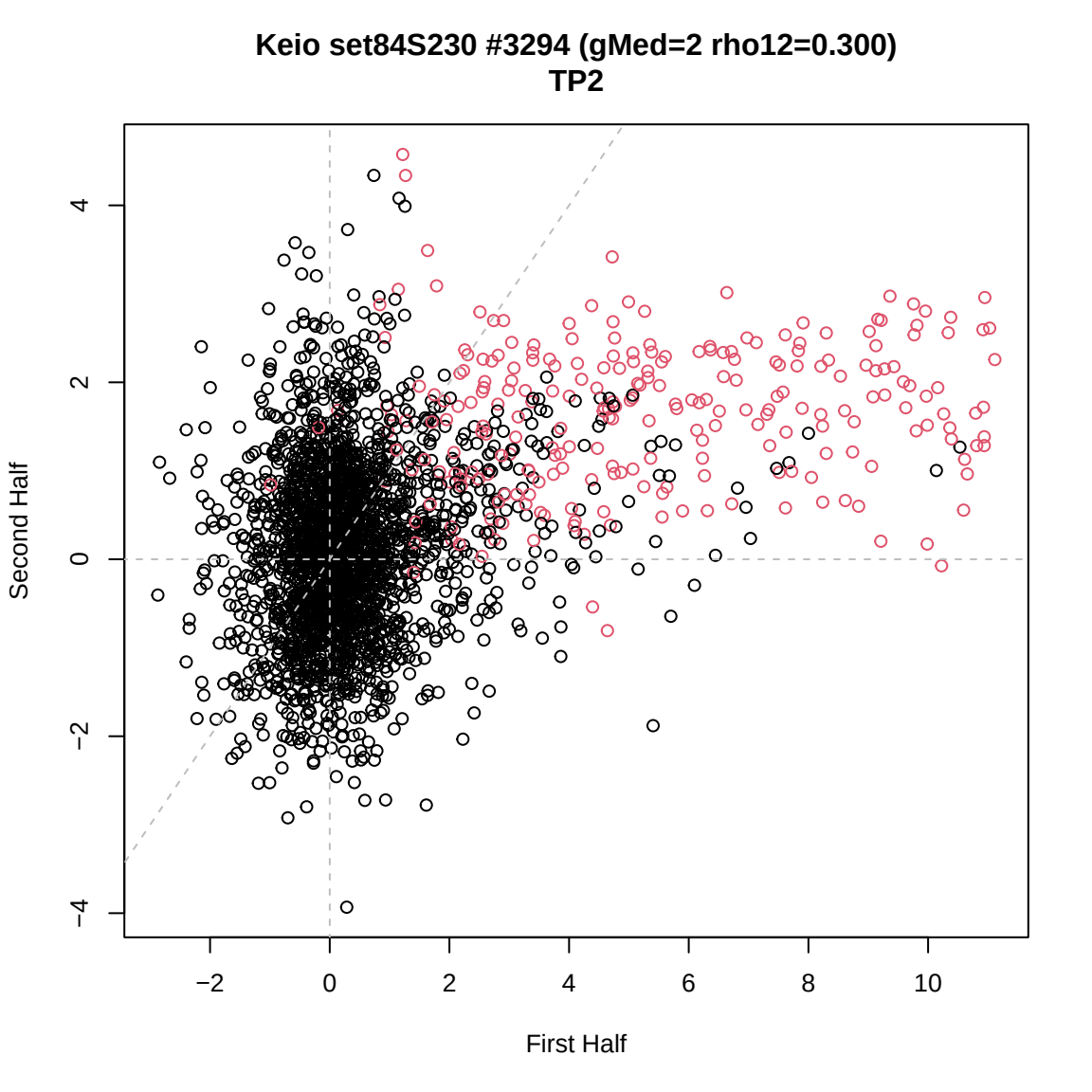

Keio set84S224 #3289 (gMed=230 rho12=0.130)
Bas70
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

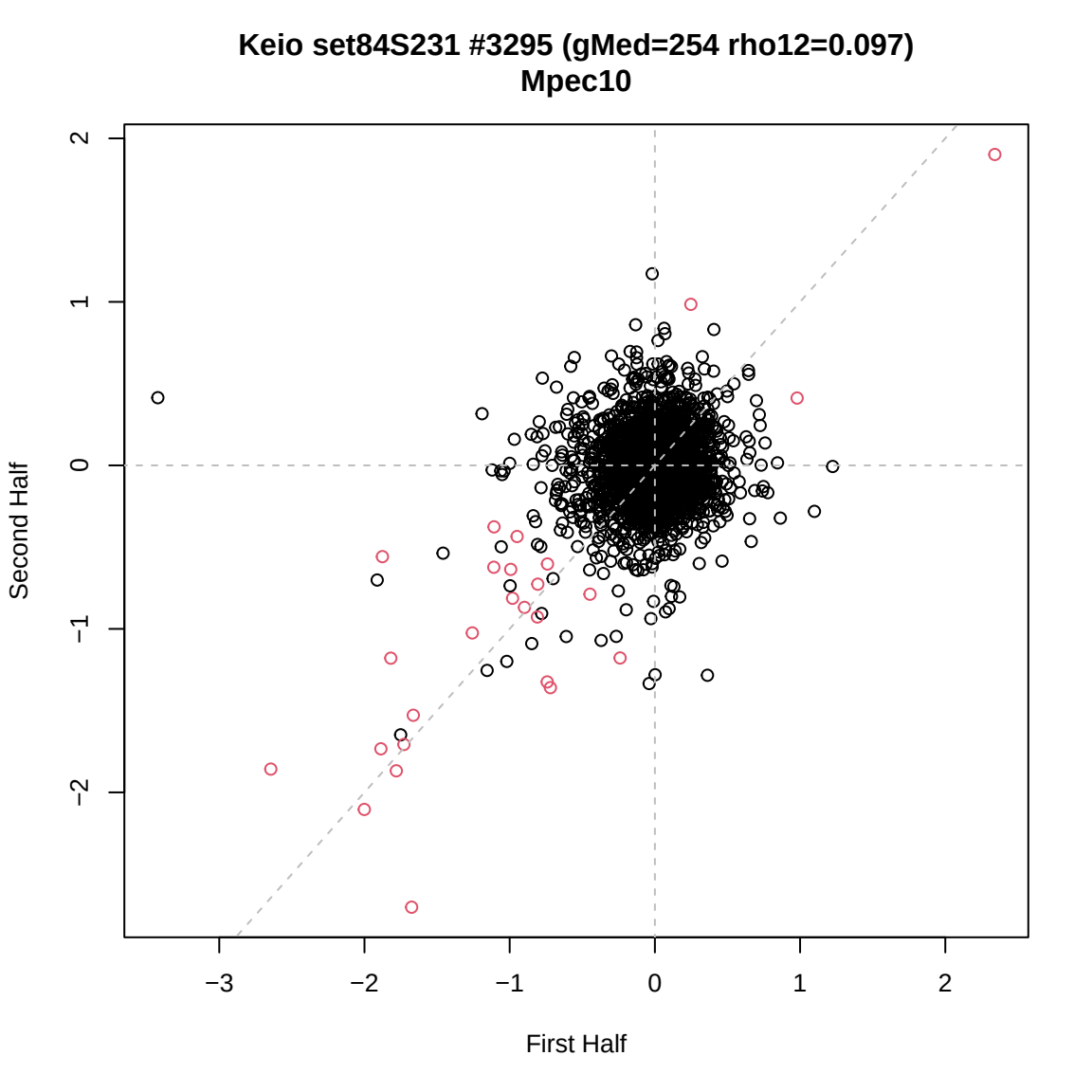

Keio set84S225 #3290 (gMed=263 rho12=0.146)
Bas78
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

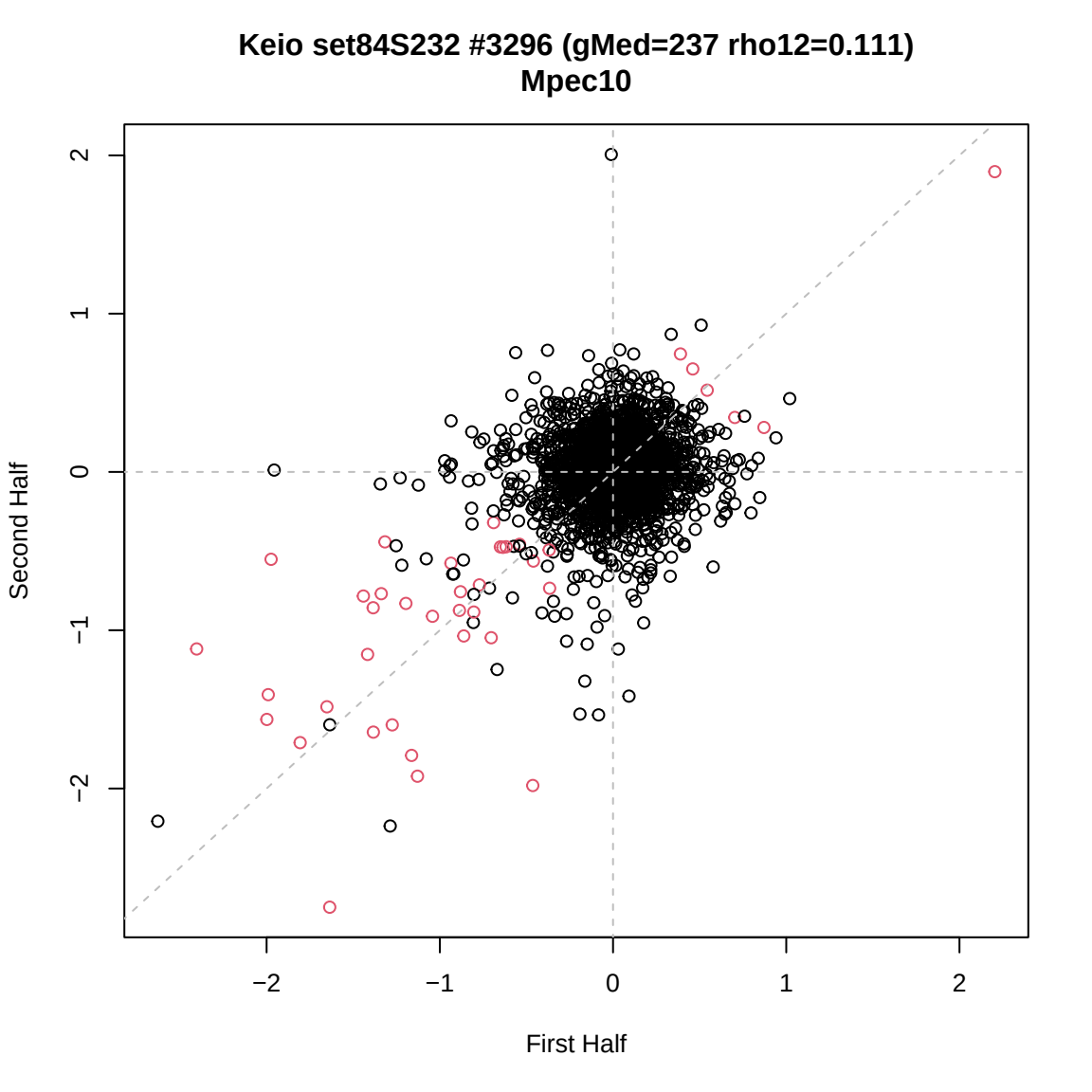

Keio set84S226 #3291 (gMed=263 rho12=0.160)
Bas78
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

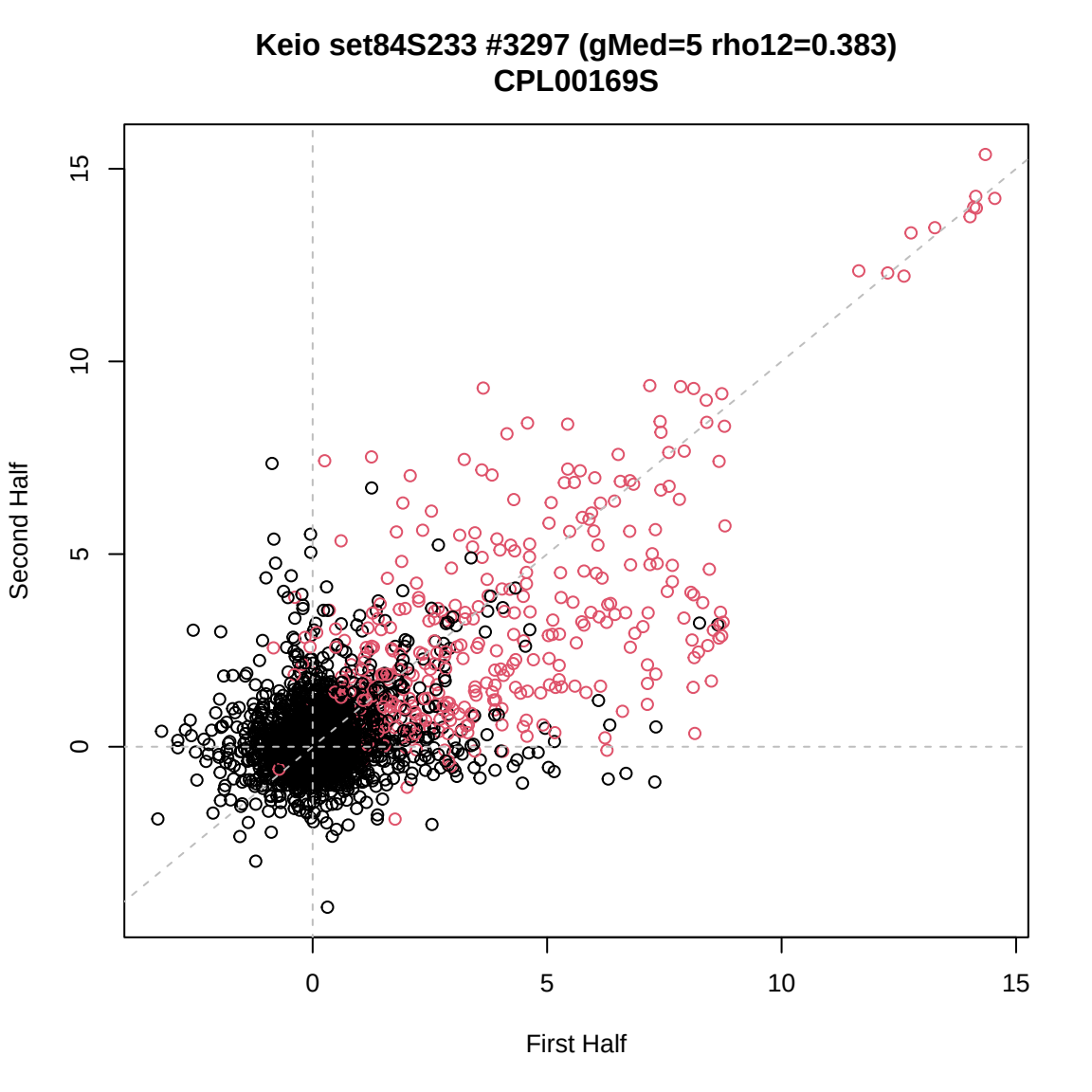

Keio set84S227 #3292 (gMed=248 rho12=0.099)
Bas90
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

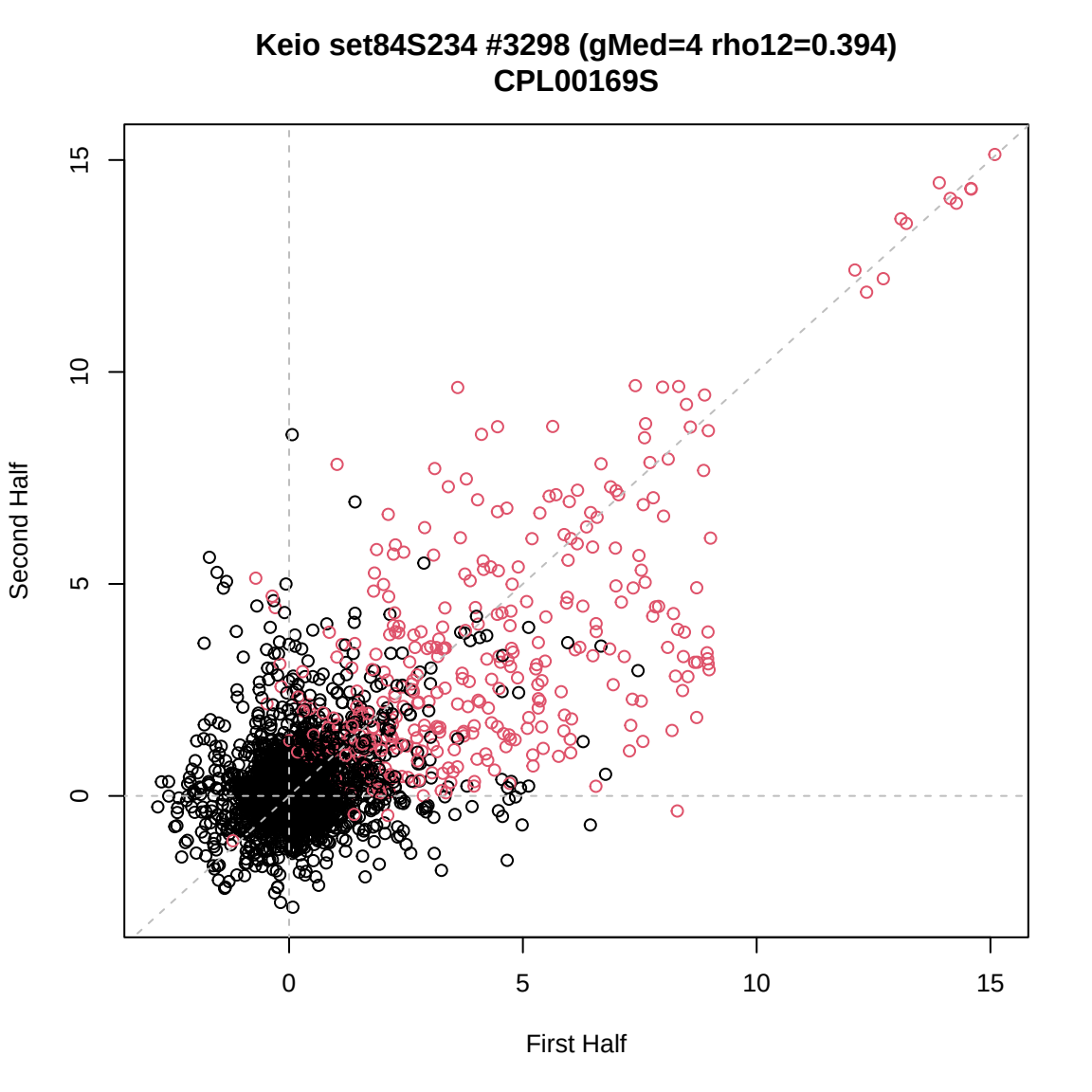

Keio set84S228 #3293 (gMed=291 rho12=0.147)
Bas90
Second Half
First Half
2
1
0
−1
−2
−1
0
1
2

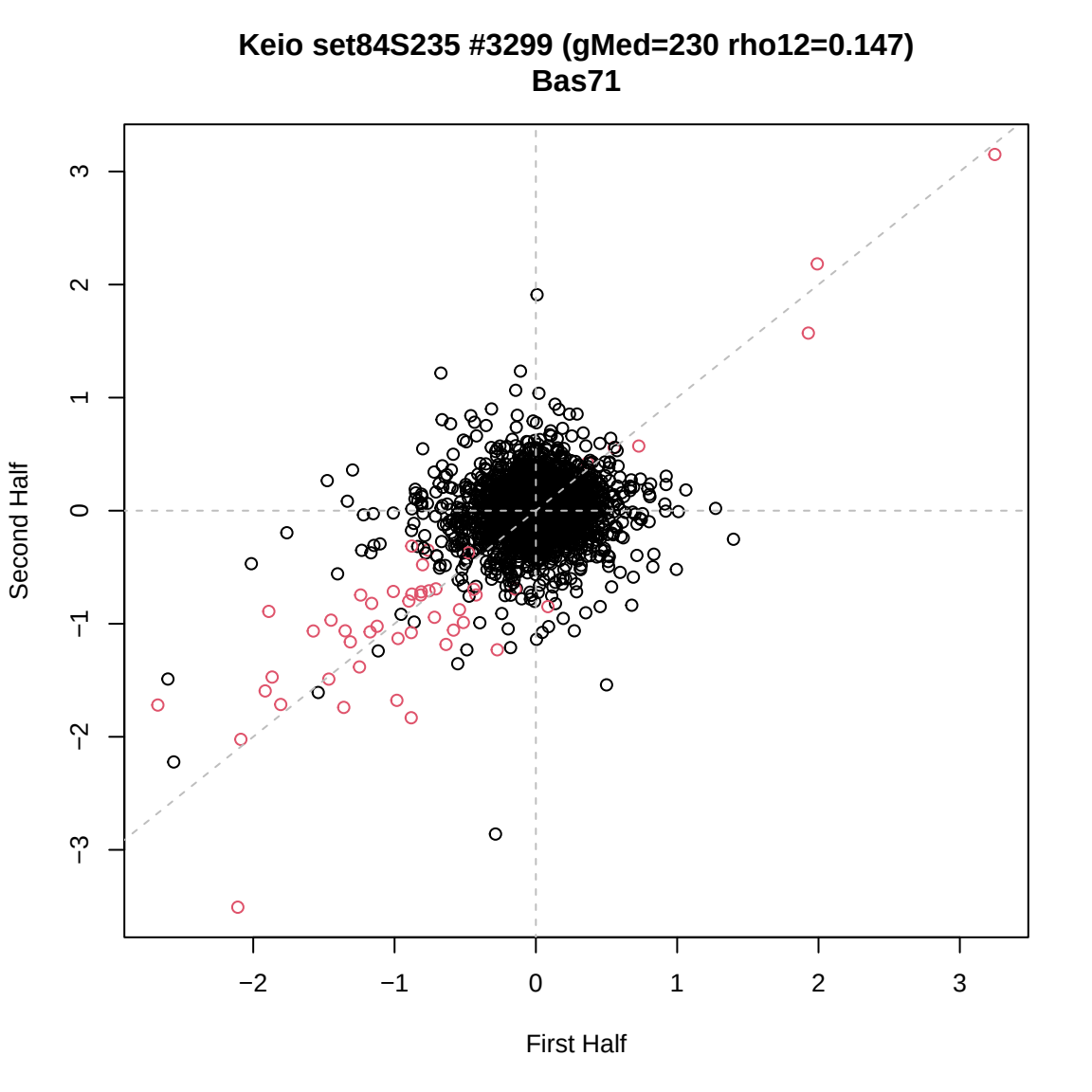

Keio set84S230 #3294 (gMed=2 rho12=0.300)
TP2
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6
8
10

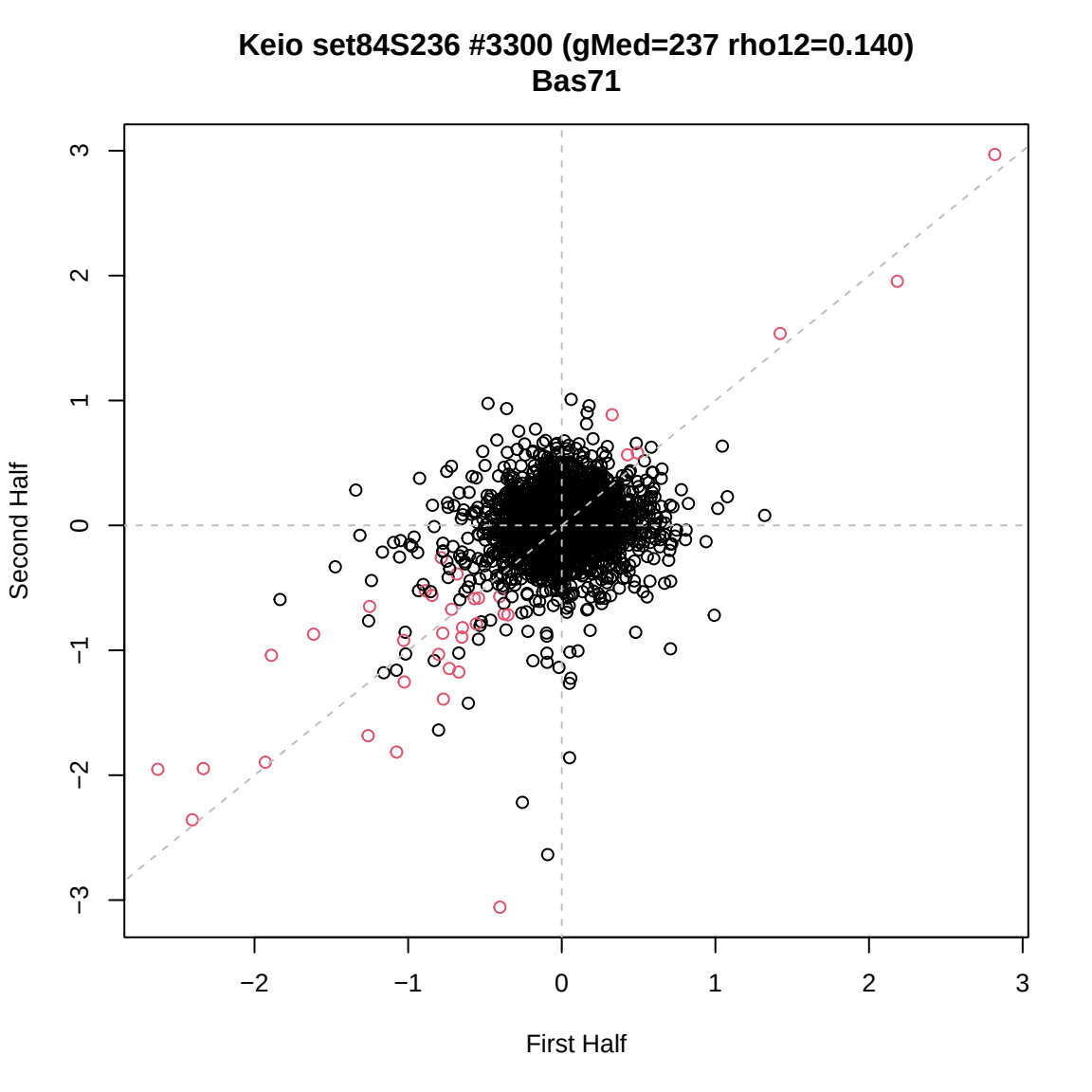

Keio set84S231 #3295 (gMed=254 rho12=0.097)
Mpec10
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

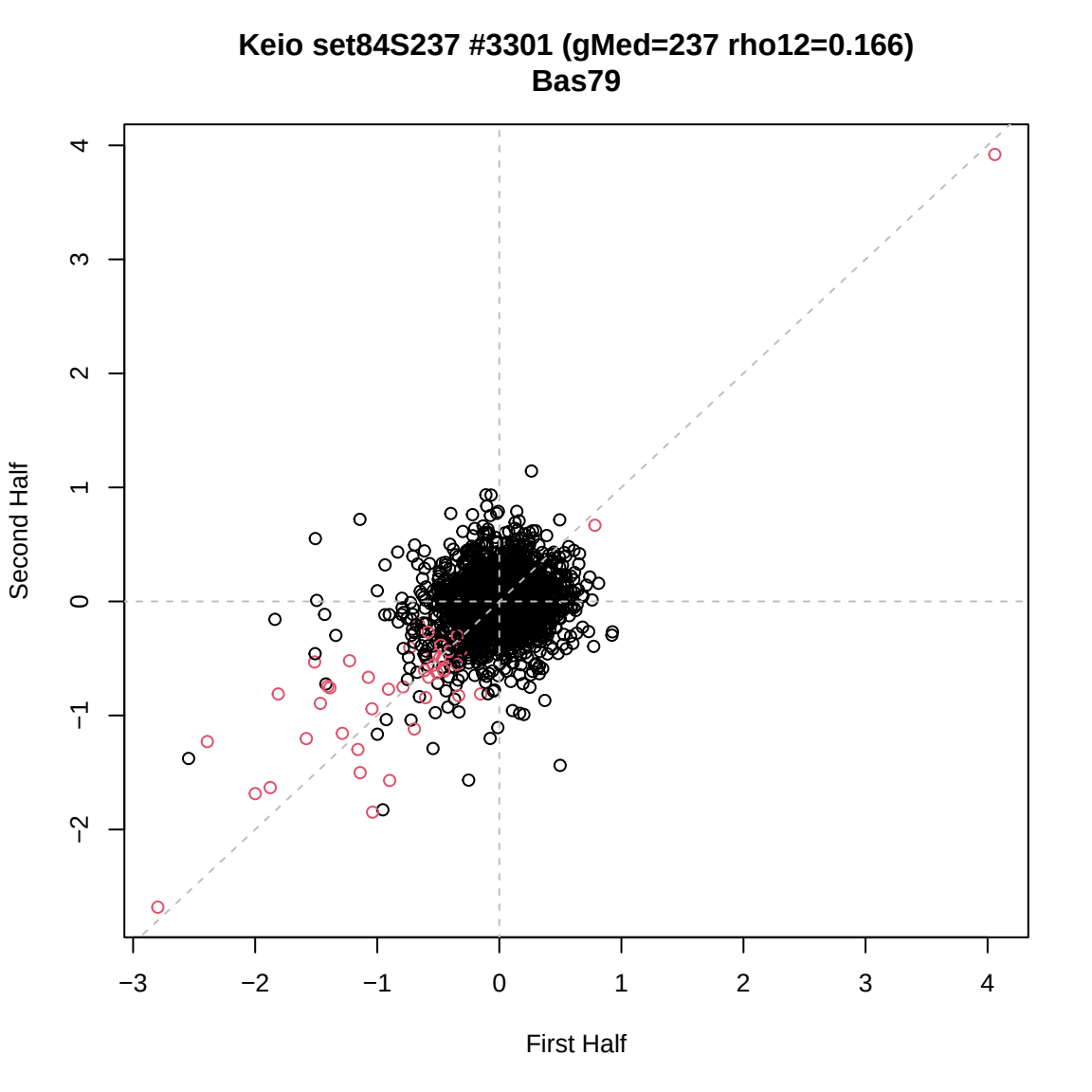

Keio set84S232 #3296 (gMed=237 rho12=0.111)
Mpec10
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

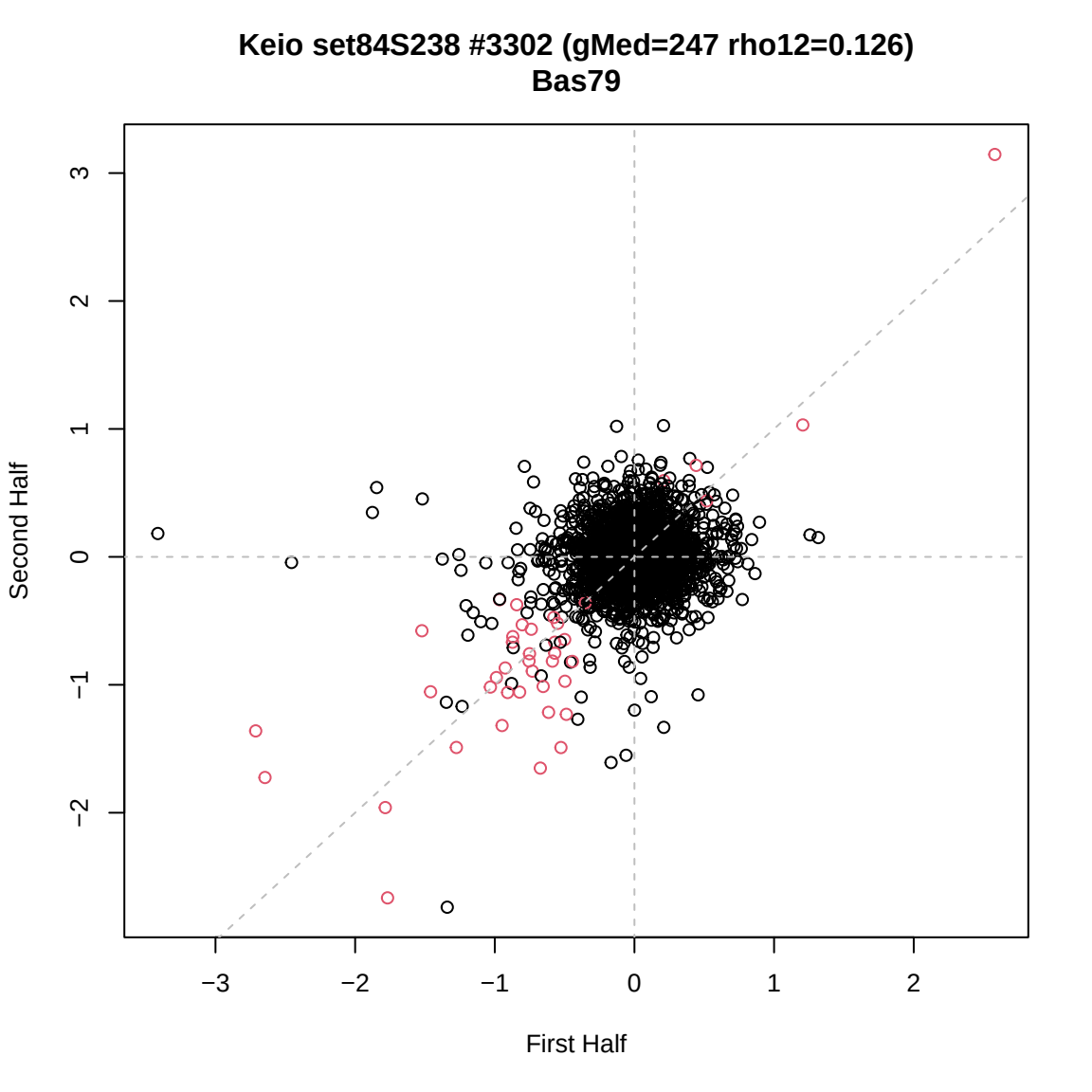

Keio set84S233 #3297 (gMed=5 rho12=0.383)
CPL00169S
Second Half
First Half
0
5
10
15

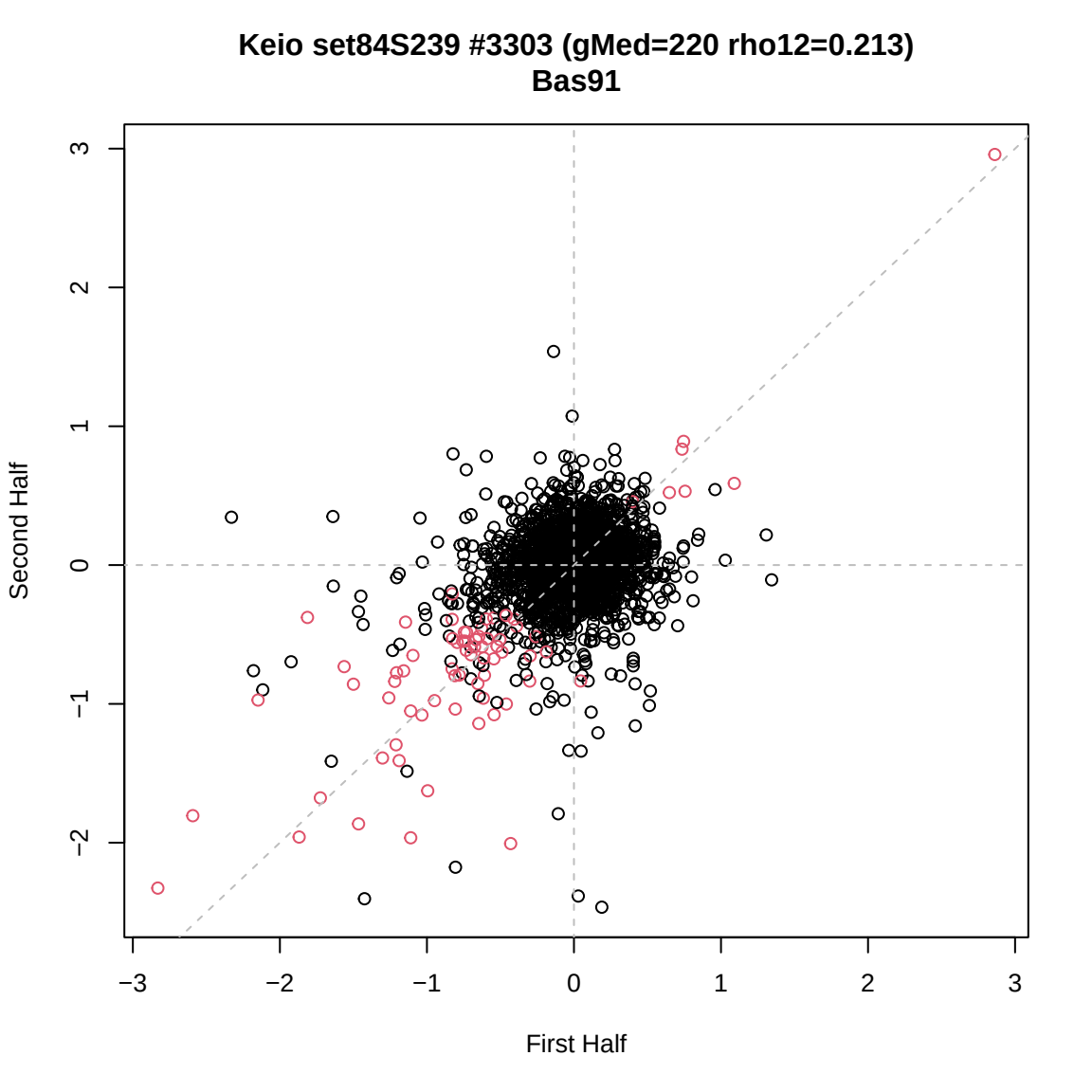

Keio set84S234 #3298 (gMed=4 rho12=0.394)
CPL00169S
Second Half
First Half
0
5
10
15

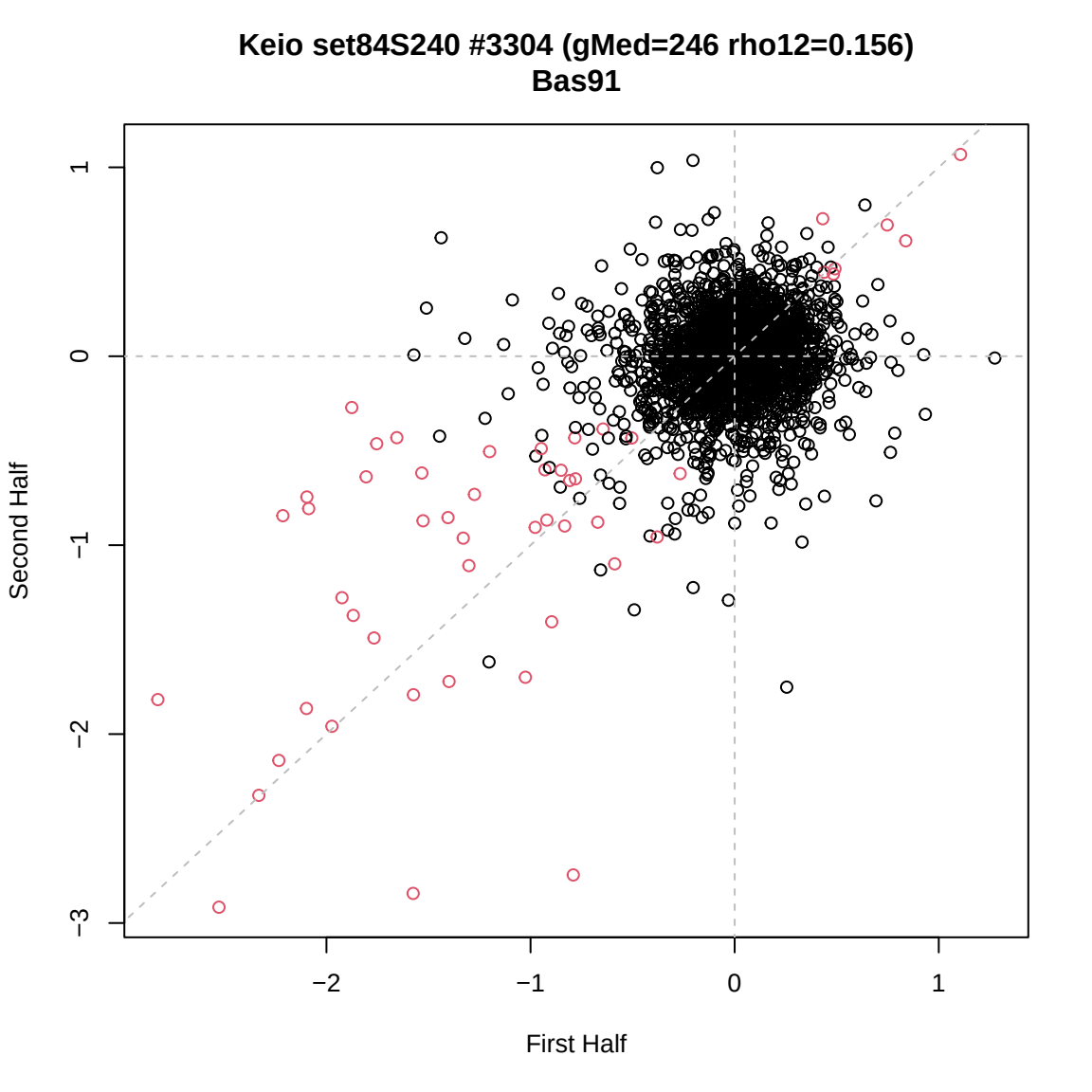

Keio set84S235 #3299 (gMed=230 rho12=0.147)
Bas71
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

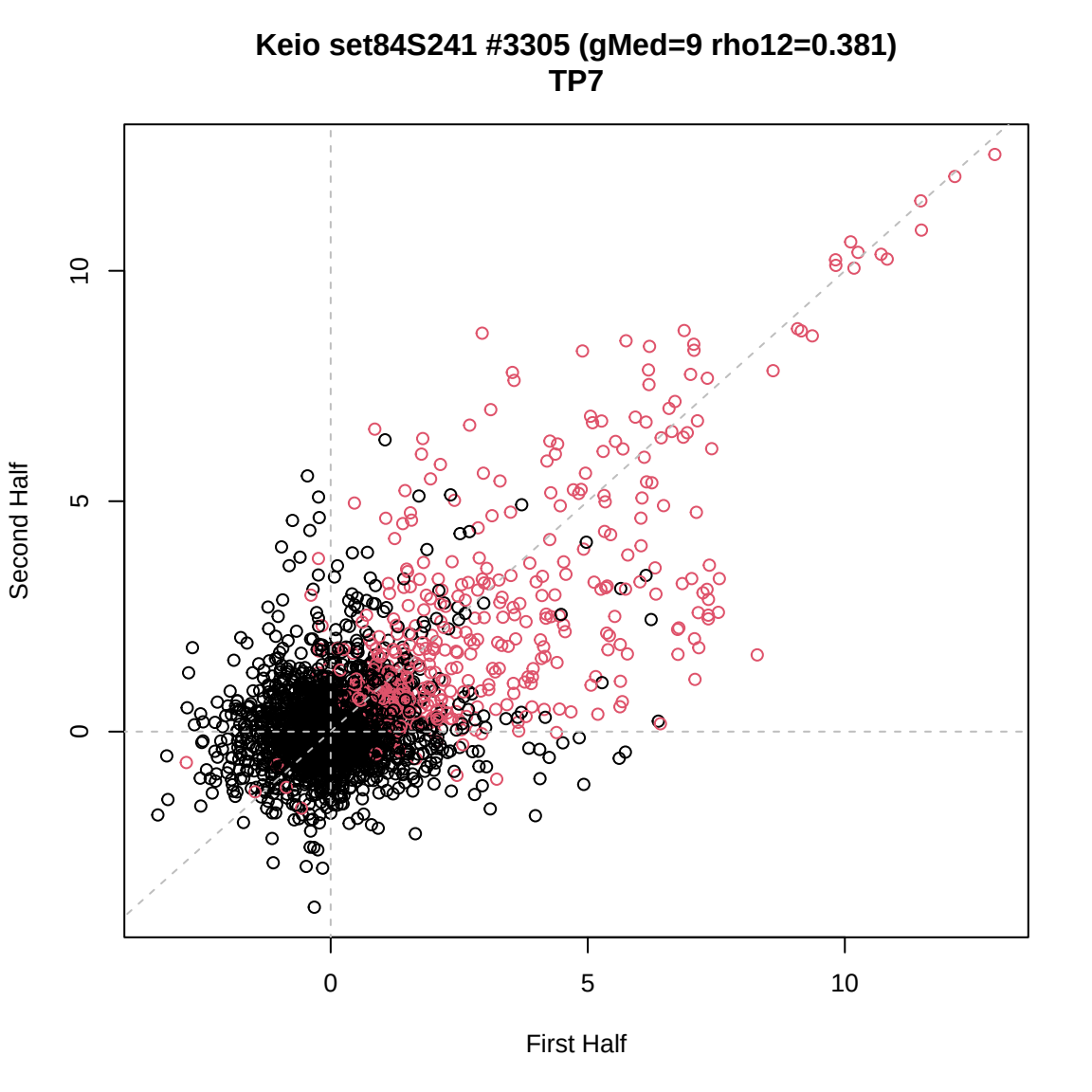

Keio set84S236 #3300 (gMed=237 rho12=0.140)
Bas71
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

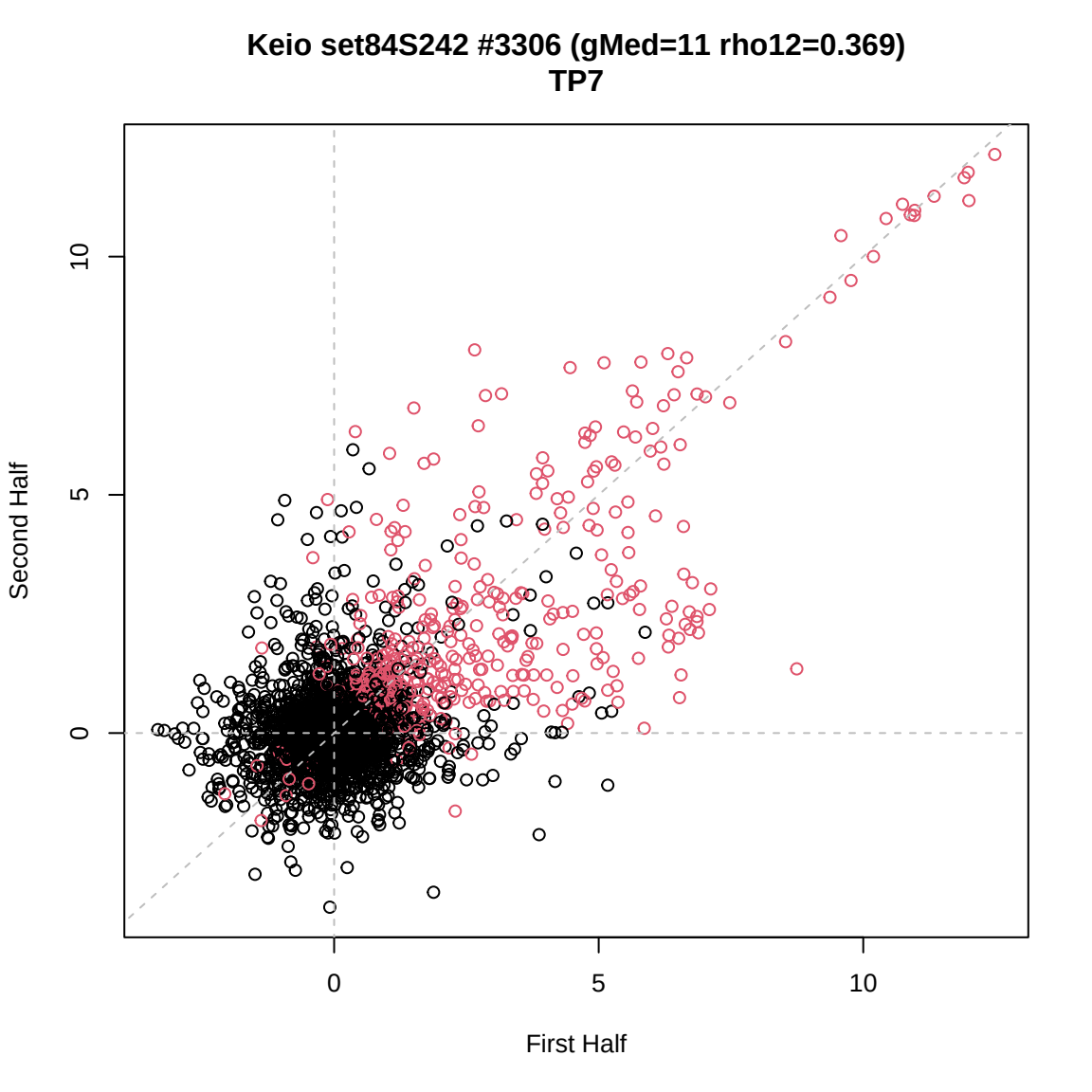

Keio set84S237 #3301 (gMed=237 rho12=0.166)
Bas79
Second Half
First Half
−3
−2
−1
0
1
2
3
4

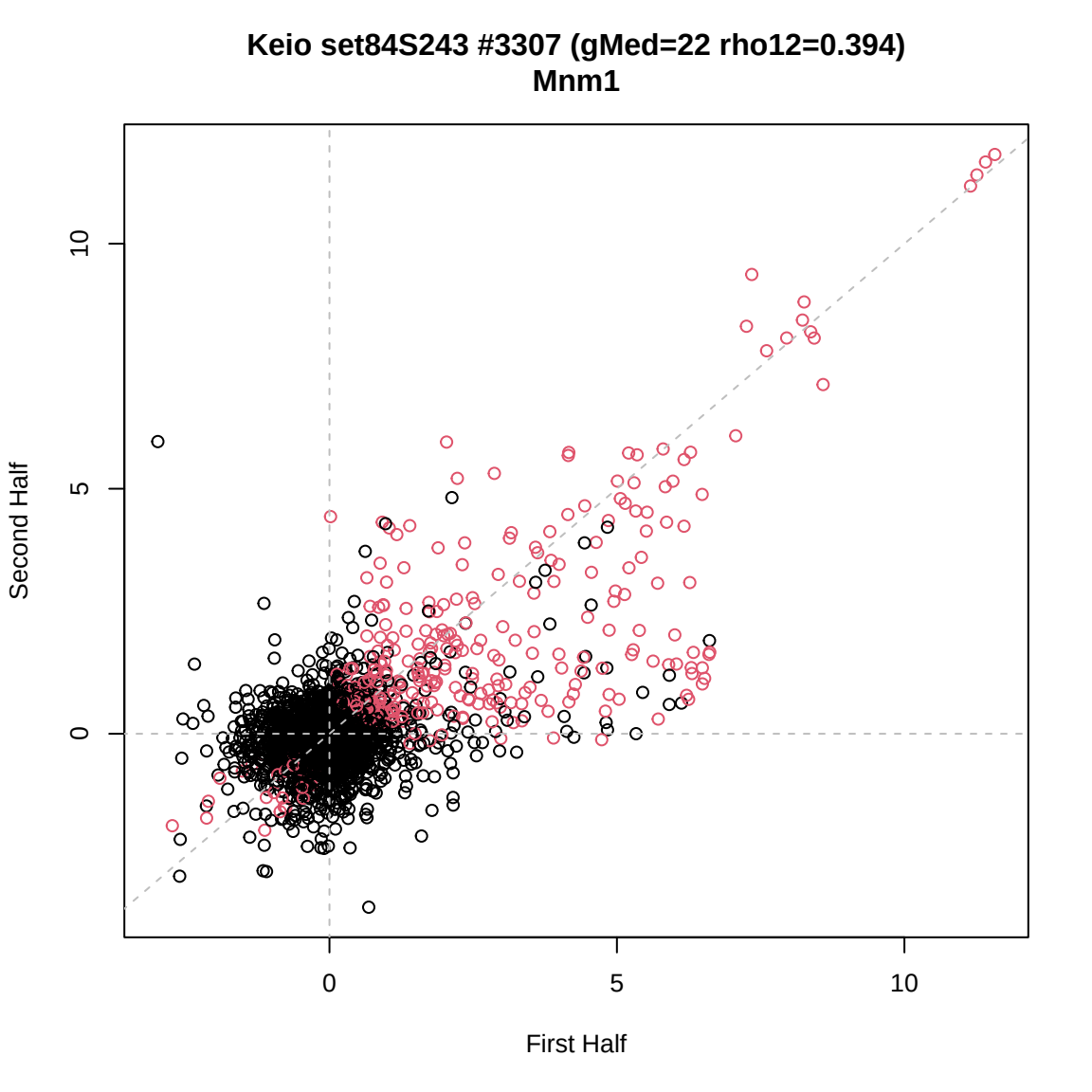

Keio set84S238 #3302 (gMed=247 rho12=0.126)
Bas79
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2

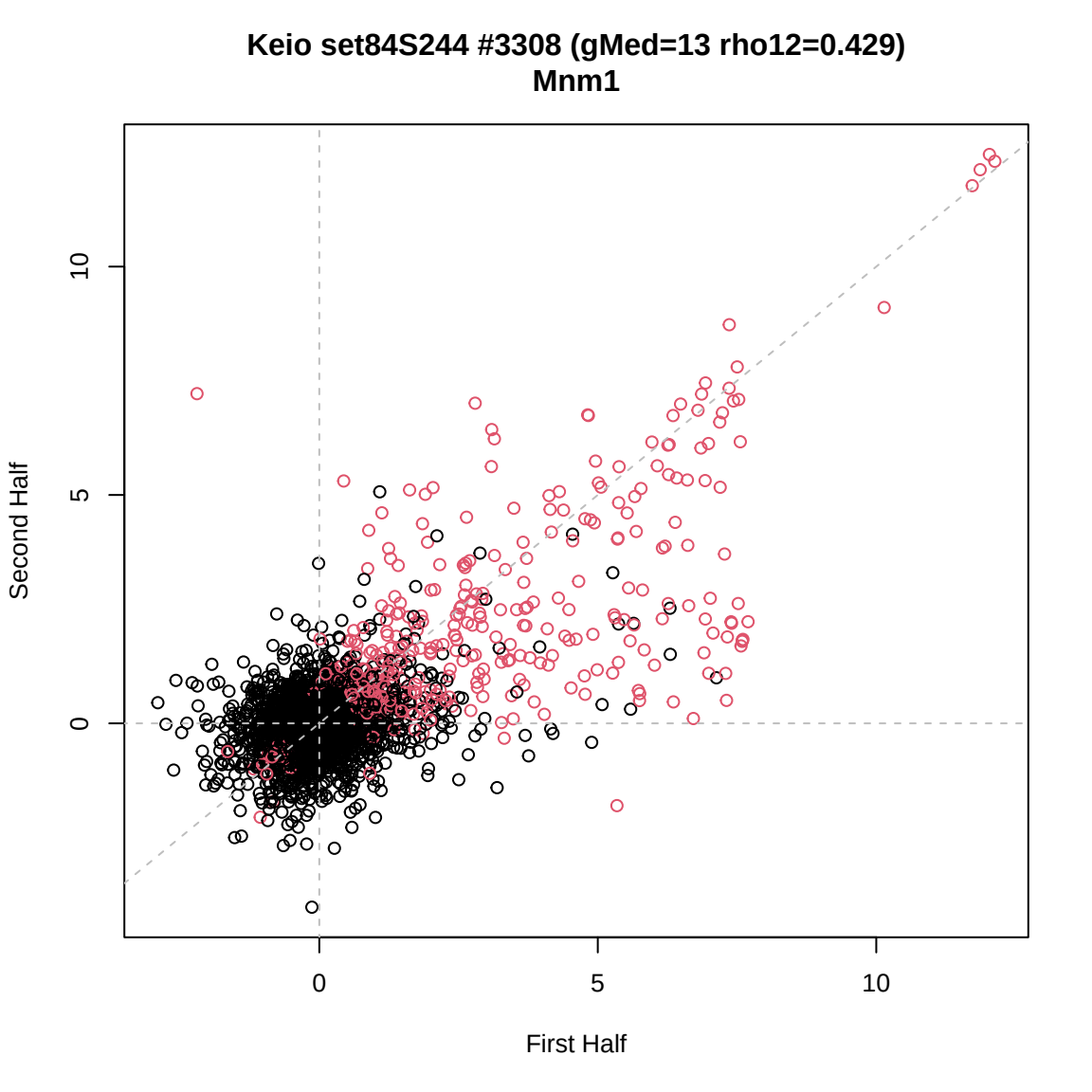

Keio set84S239 #3303 (gMed=220 rho12=0.213)
Bas91
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

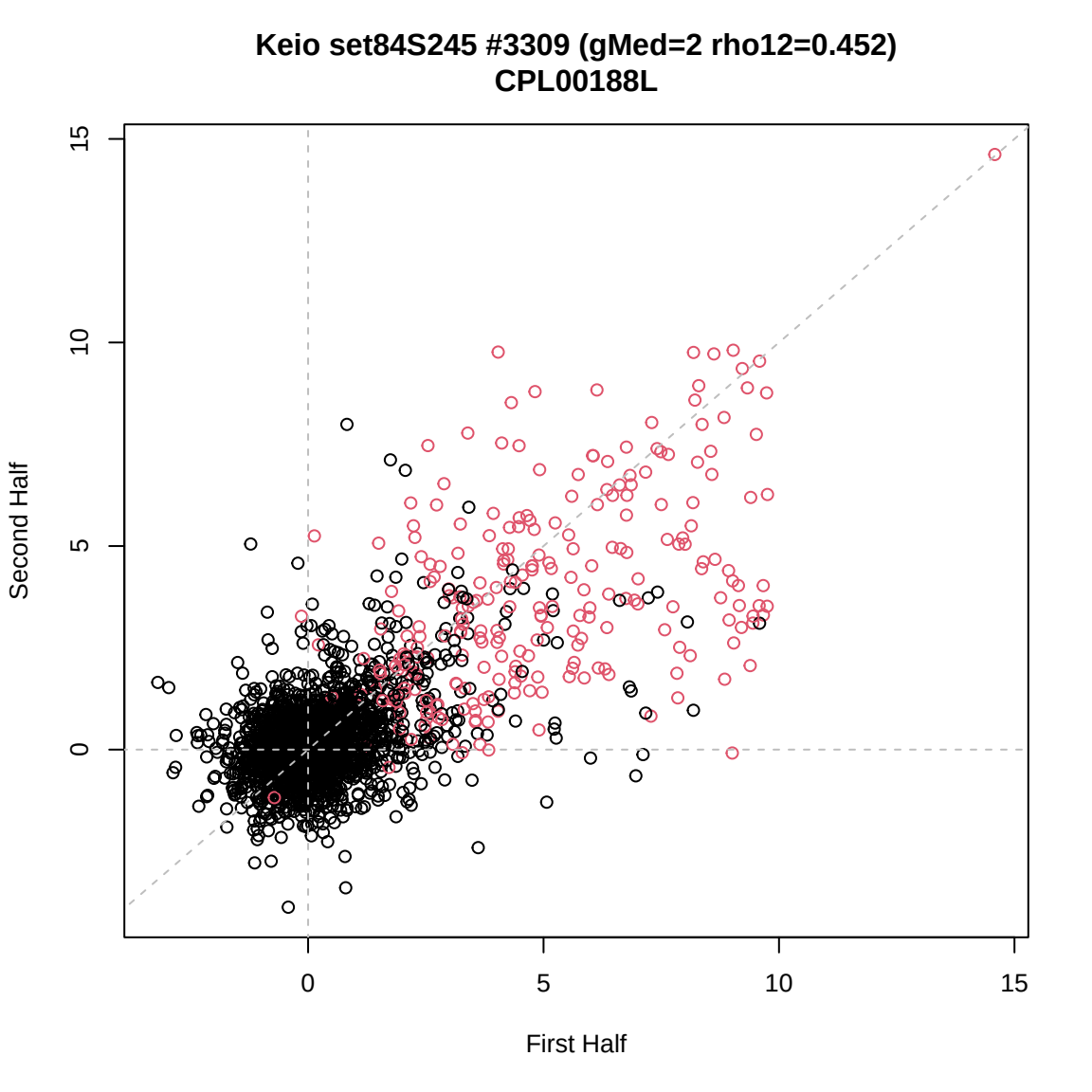

Keio set84S240 #3304 (gMed=246 rho12=0.156)
Bas91
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

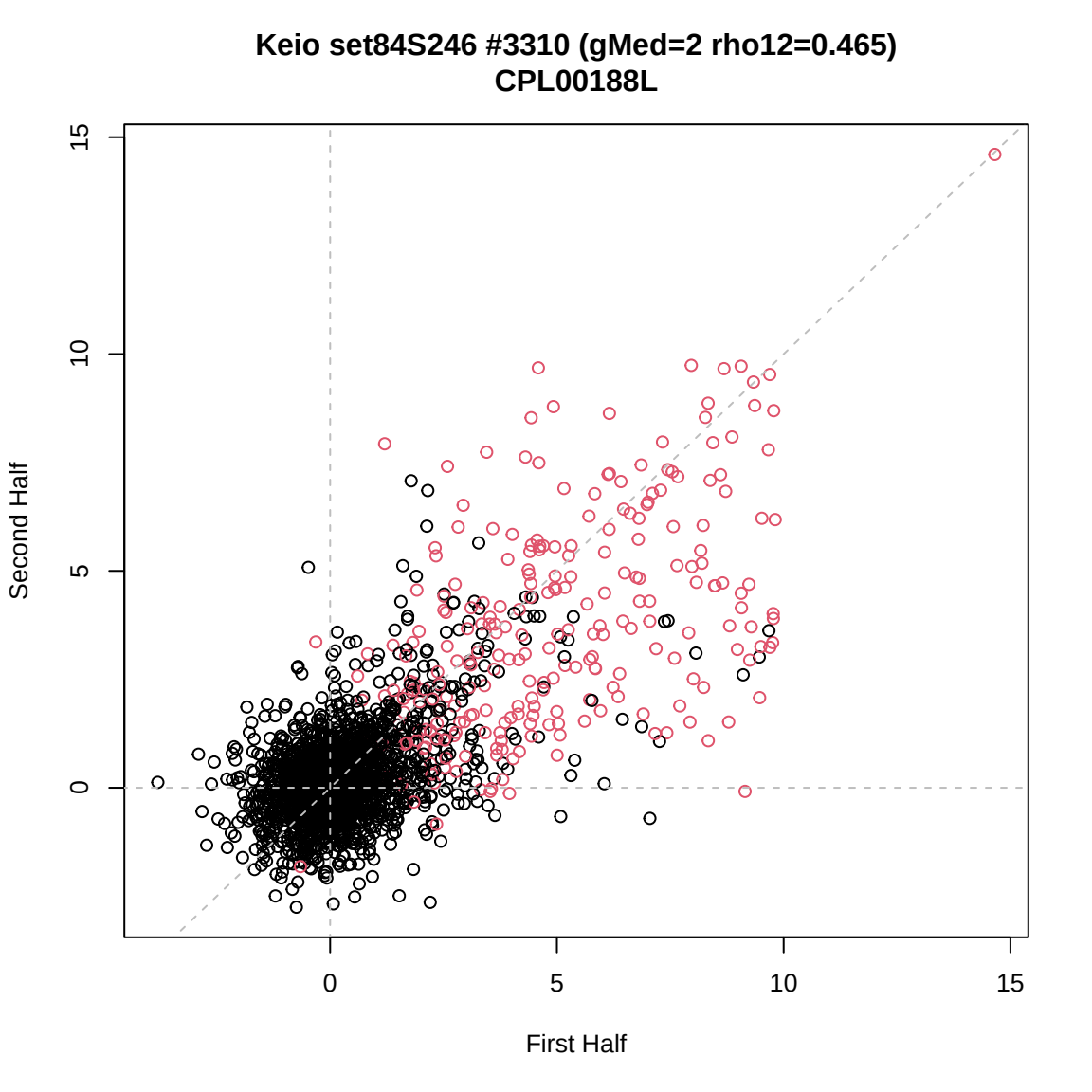

Keio set84S241 #3305 (gMed=9 rho12=0.381)
TP7
Second Half
First Half
0
5
10
0
5
10

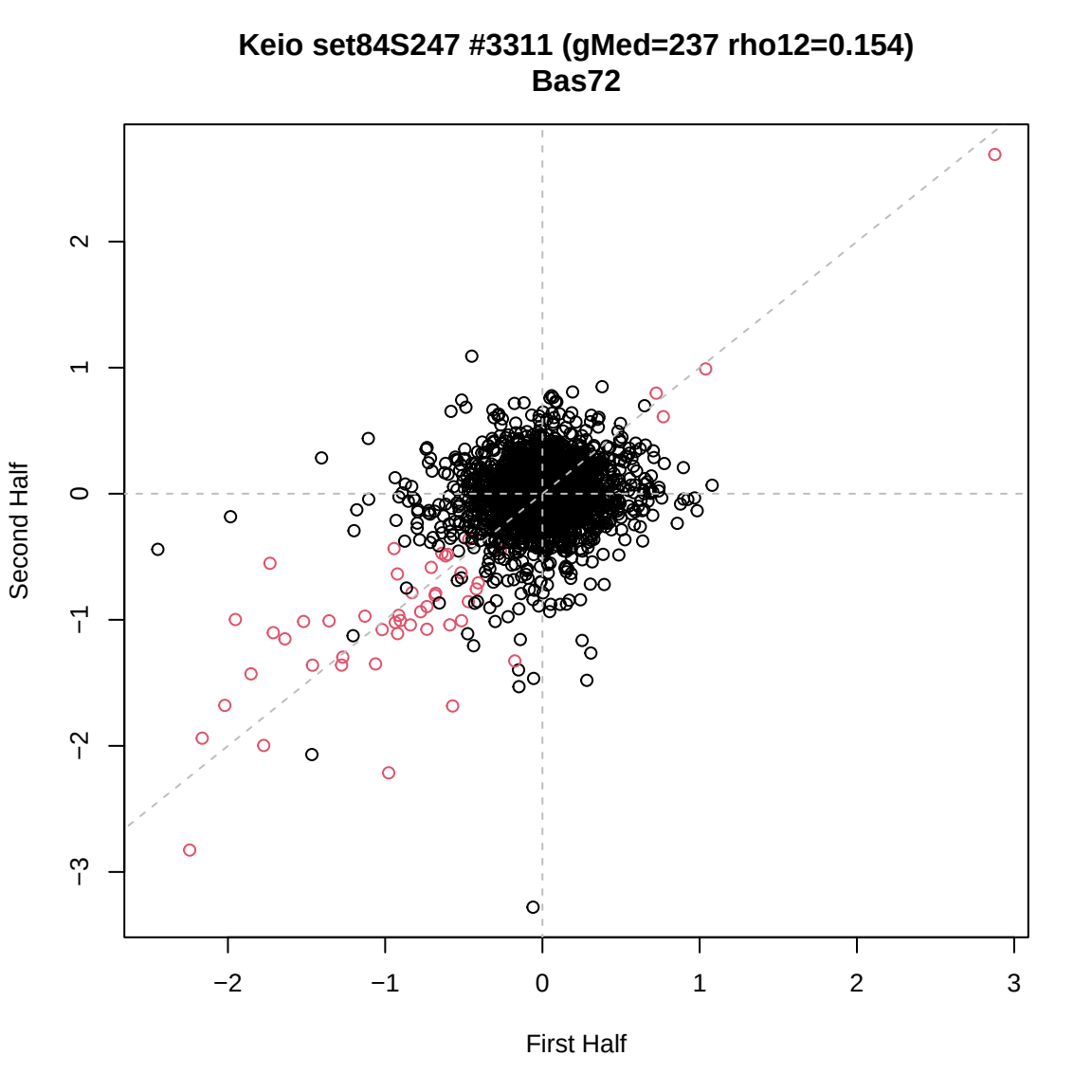

Keio set84S242 #3306 (gMed=11 rho12=0.369)
TP7
Second Half
First Half
0
5
10
0
5
10

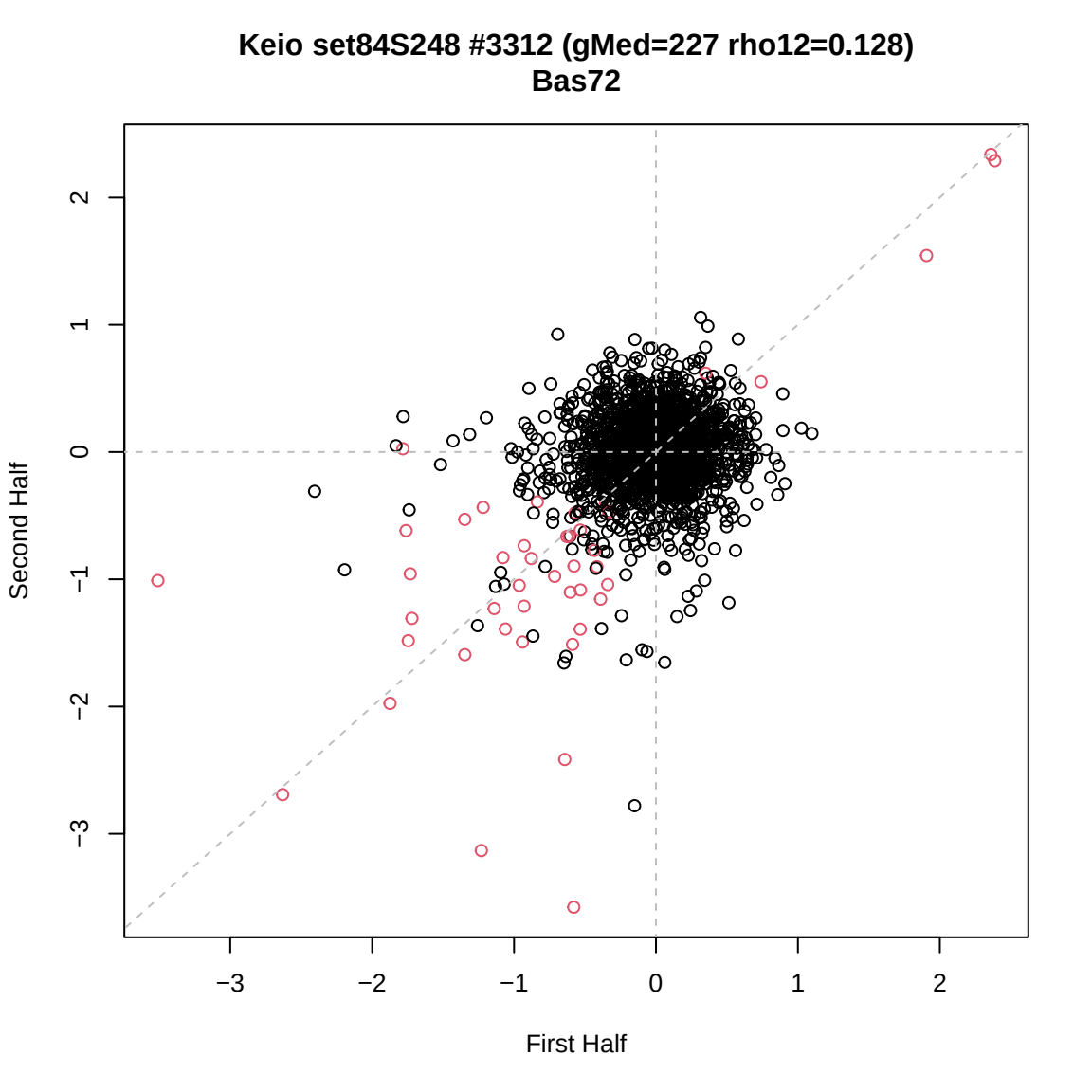

Keio set84S243 #3307 (gMed=22 rho12=0.394)
Mnm1
Second Half
First Half
0
5
10
0
5
10

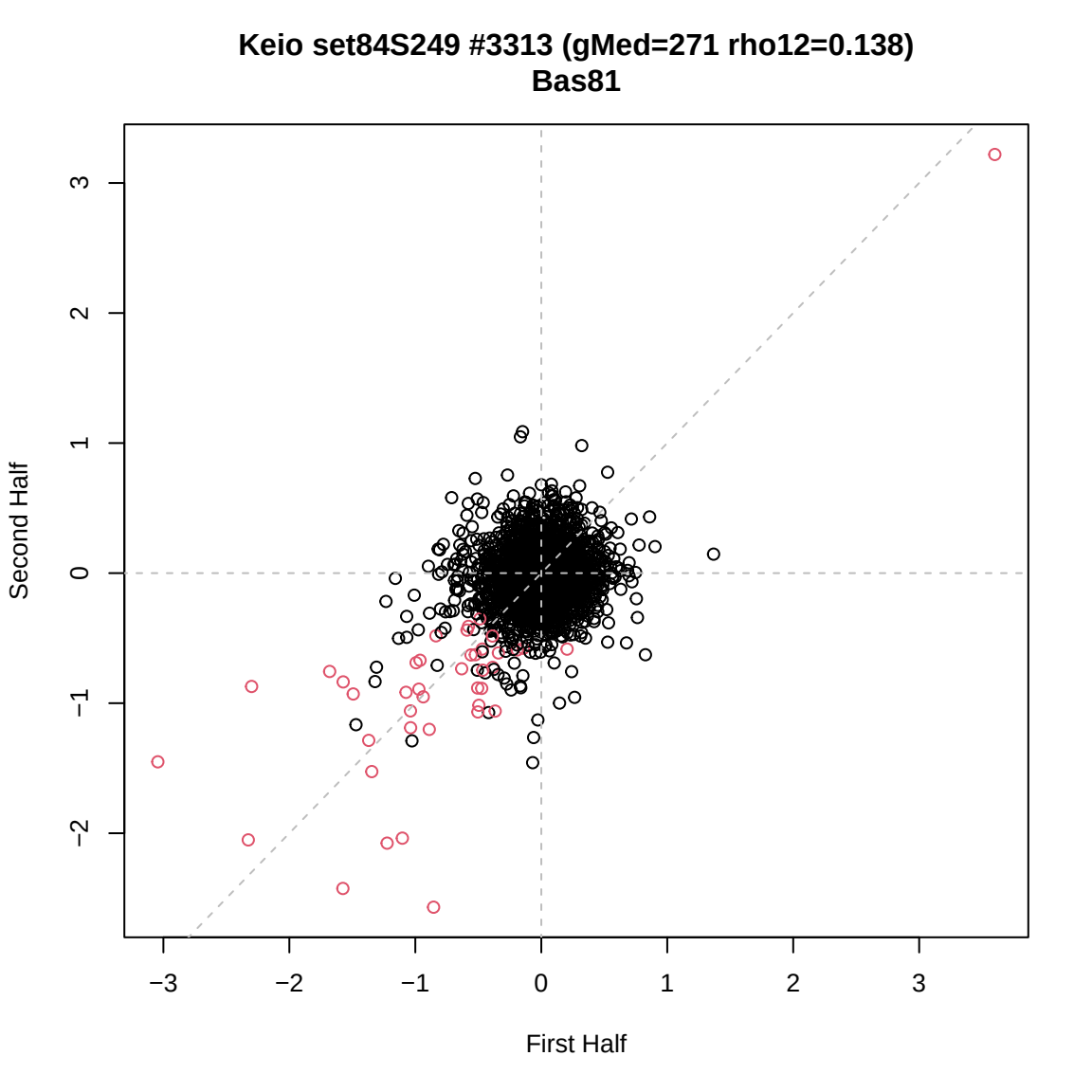

Keio set84S244 #3308 (gMed=13 rho12=0.429)
Mnm1
Second Half
First Half
0
5
10
0
5
10

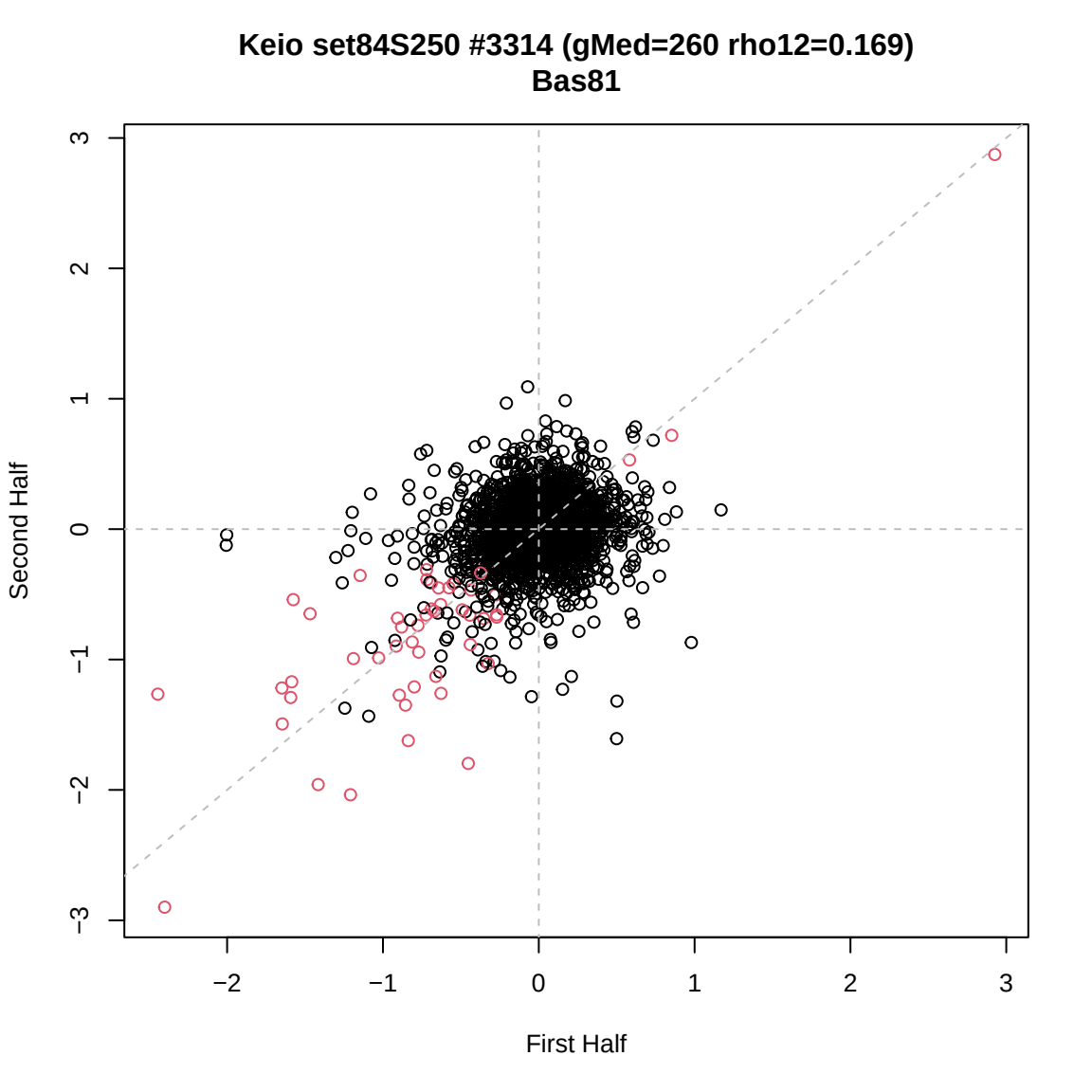

Keio set84S245 #3309 (gMed=2 rho12=0.452)
CPL00188L
Second Half
First Half
0
5
10
15

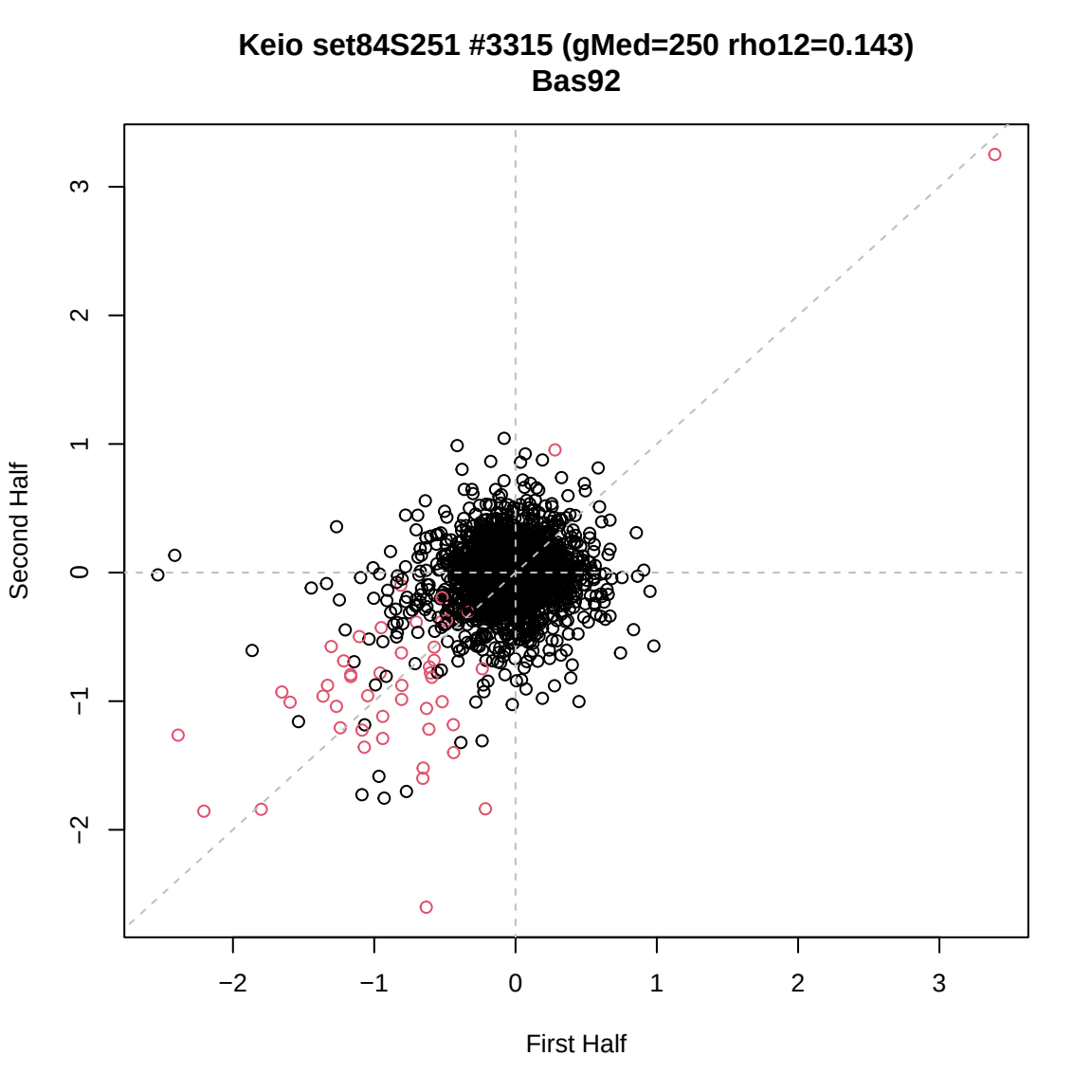

Keio set84S246 #3310 (gMed=2 rho12=0.465)
CPL00188L
Second Half
First Half
0
5
10
15

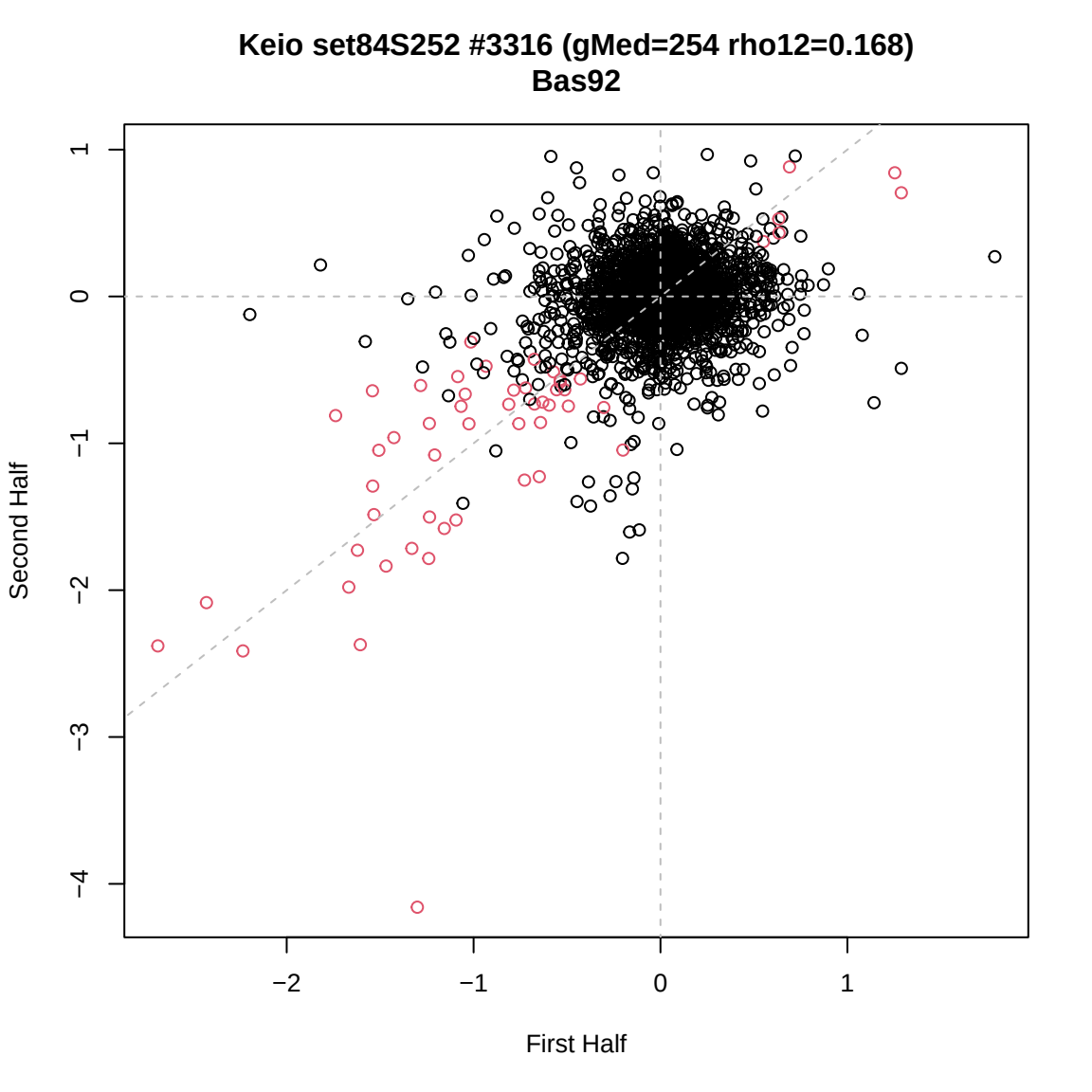

Keio set84S247 #3311 (gMed=237 rho12=0.154)
Bas72
Second Half
First Half
−3
−2
−1
0
1
2
−2
−1
0
1
2
3

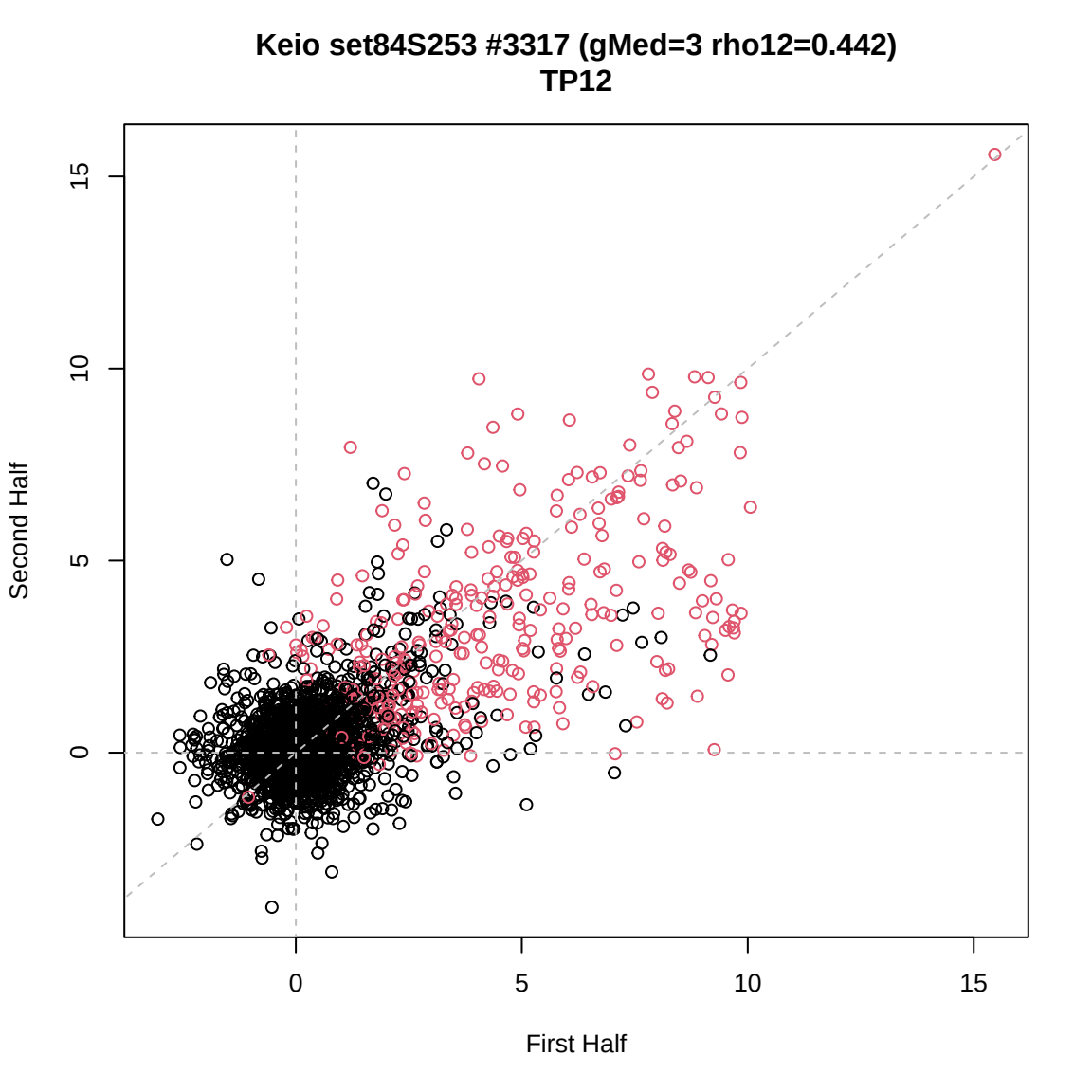

Keio set84S248 #3312 (gMed=227 rho12=0.128)
Bas72
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

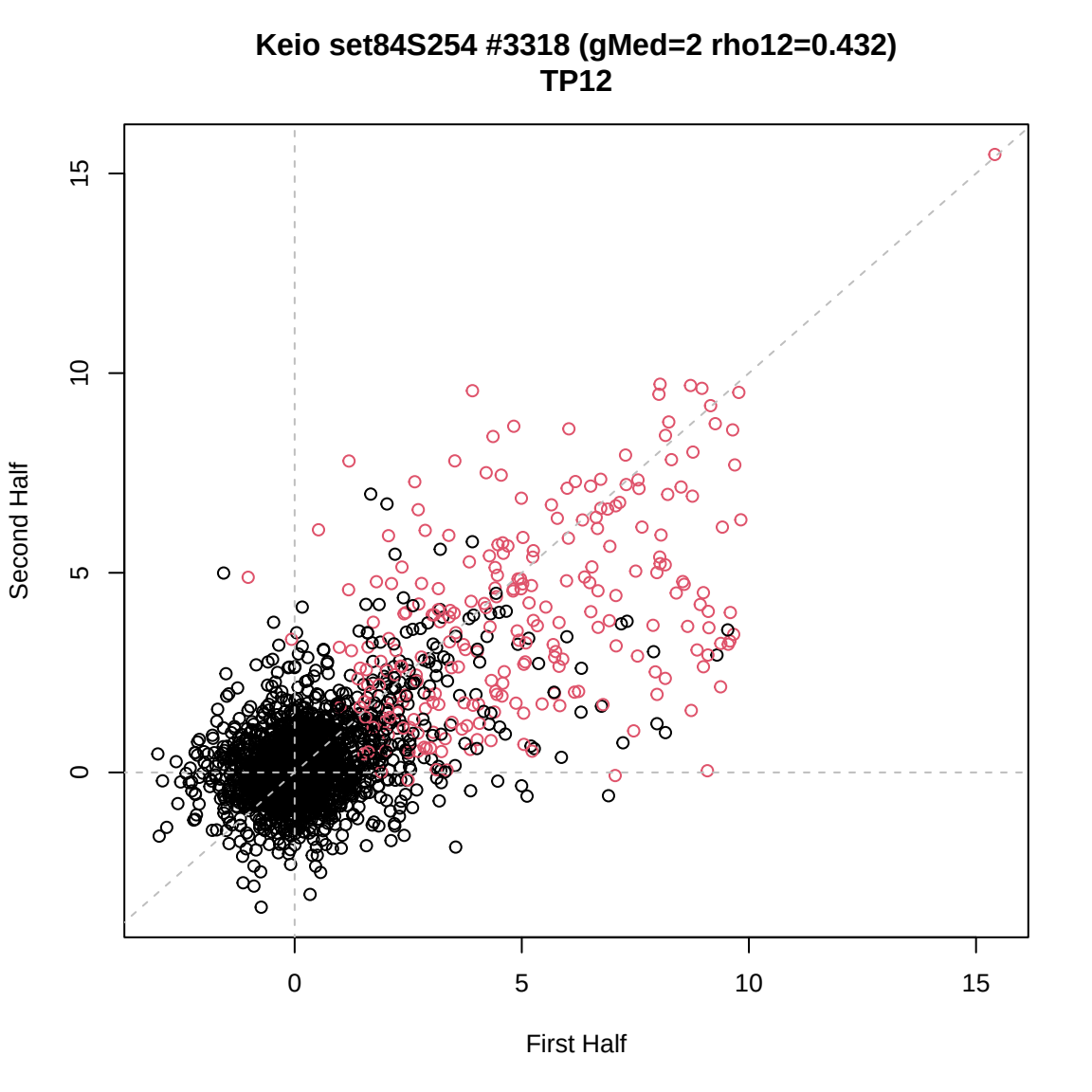

Keio set84S249 #3313 (gMed=271 rho12=0.138)
Bas81
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

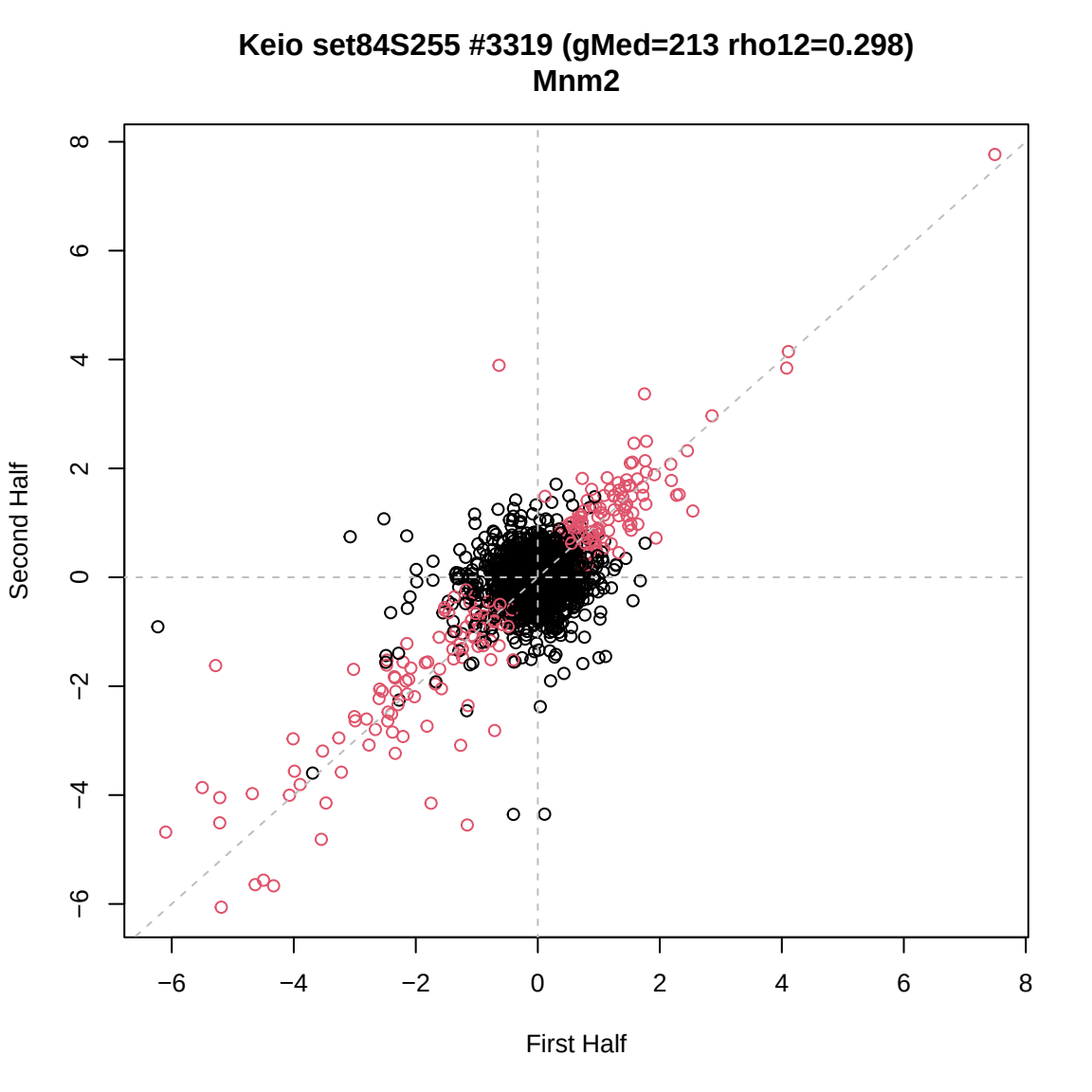

Keio set84S250 #3314 (gMed=260 rho12=0.169)
Bas81
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

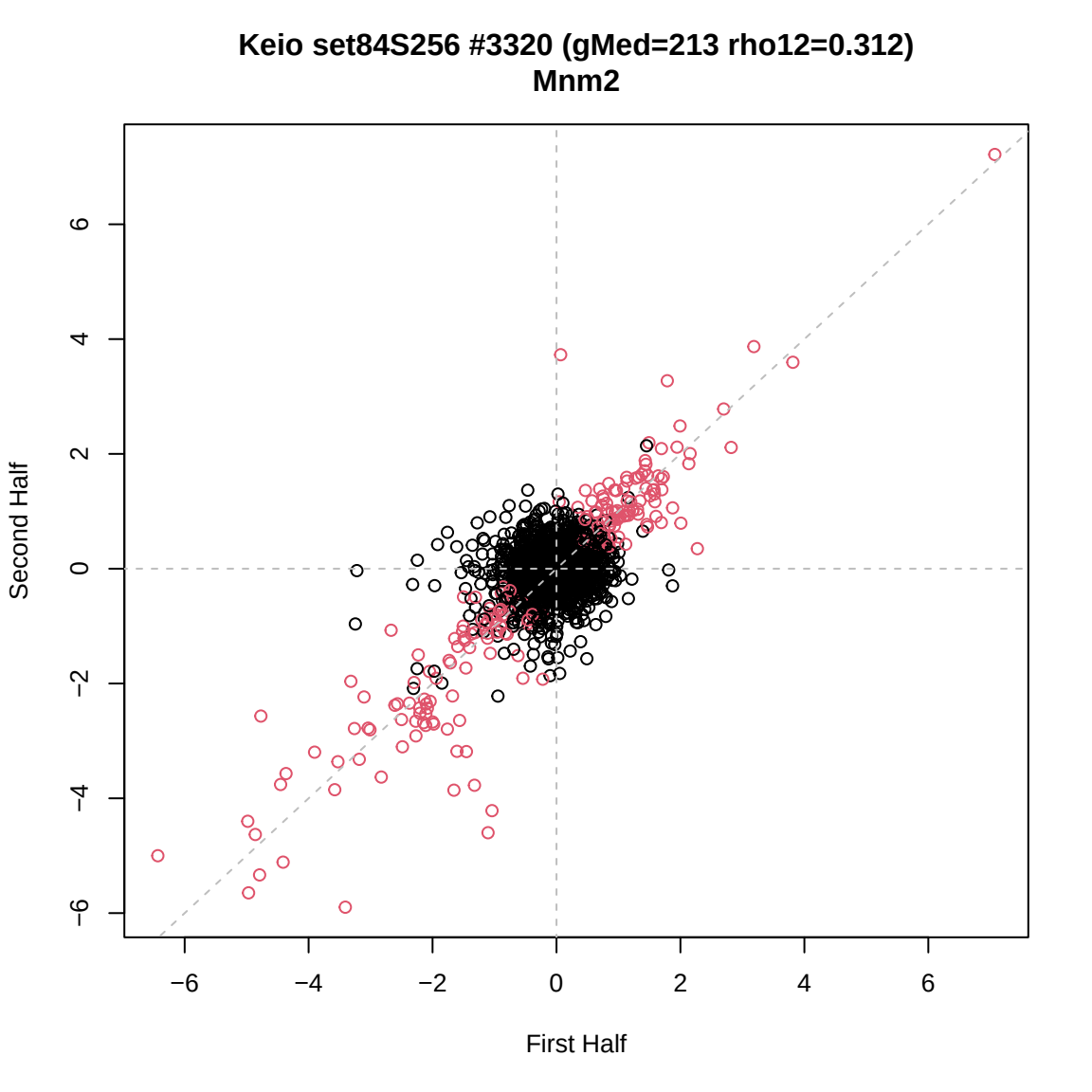

Keio set84S251 #3315 (gMed=250 rho12=0.143)
Bas92
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

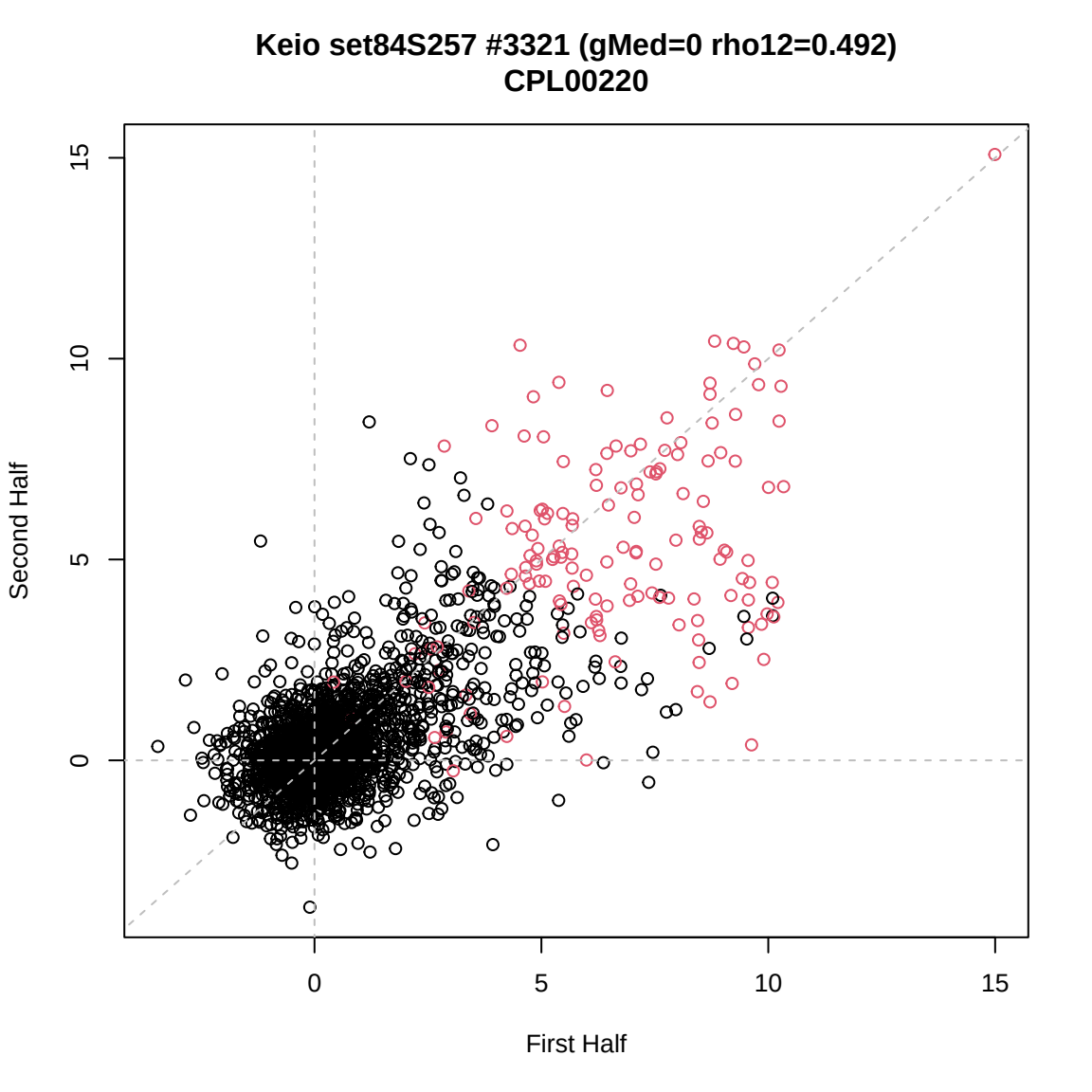

Keio set84S252 #3316 (gMed=254 rho12=0.168)
Bas92
Second Half
First Half
1
0
−1
−2
−3
−4
−2
−1
0
1

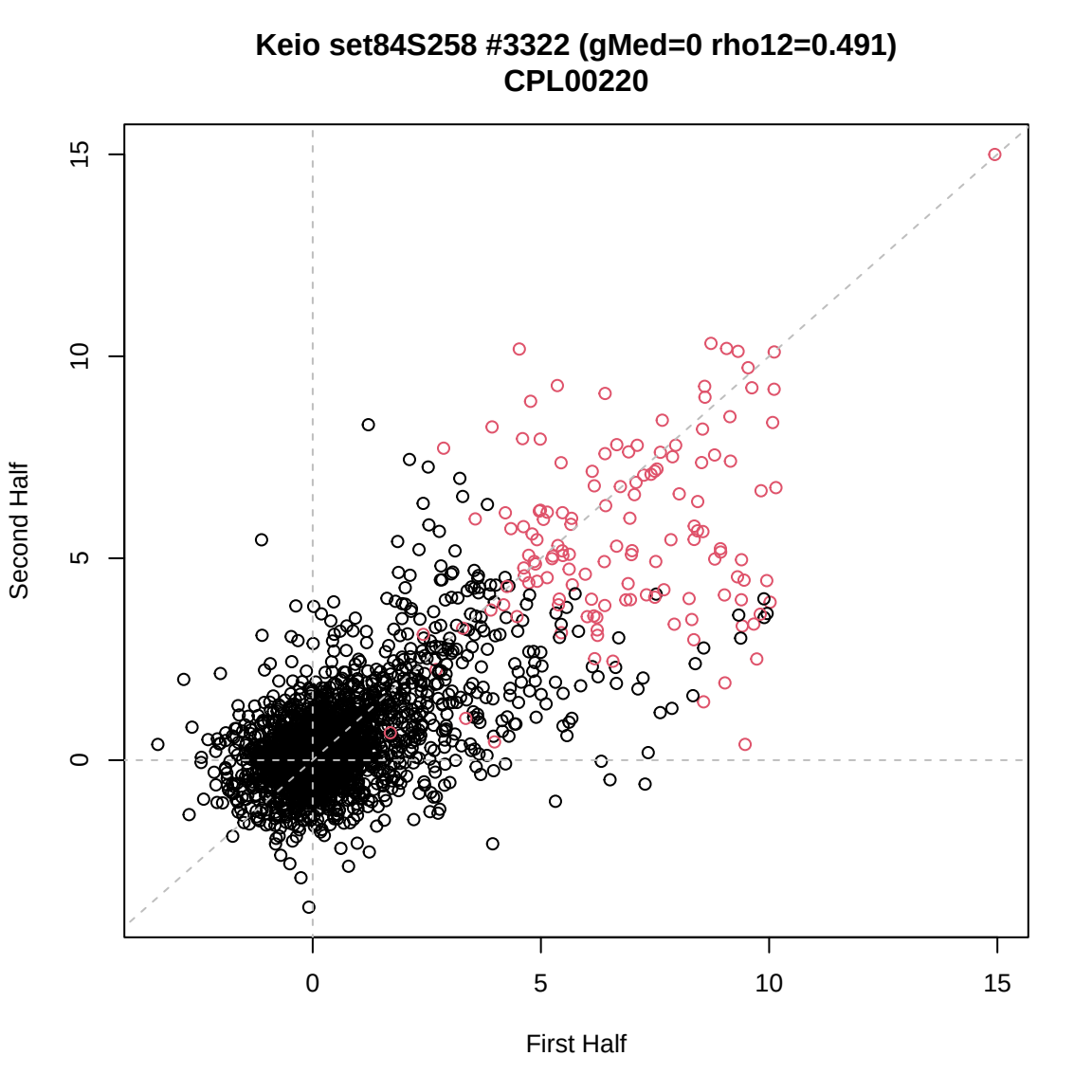

Keio set84S253 #3317 (gMed=3 rho12=0.442)
TP12
Second Half
First Half
0
5
10
15

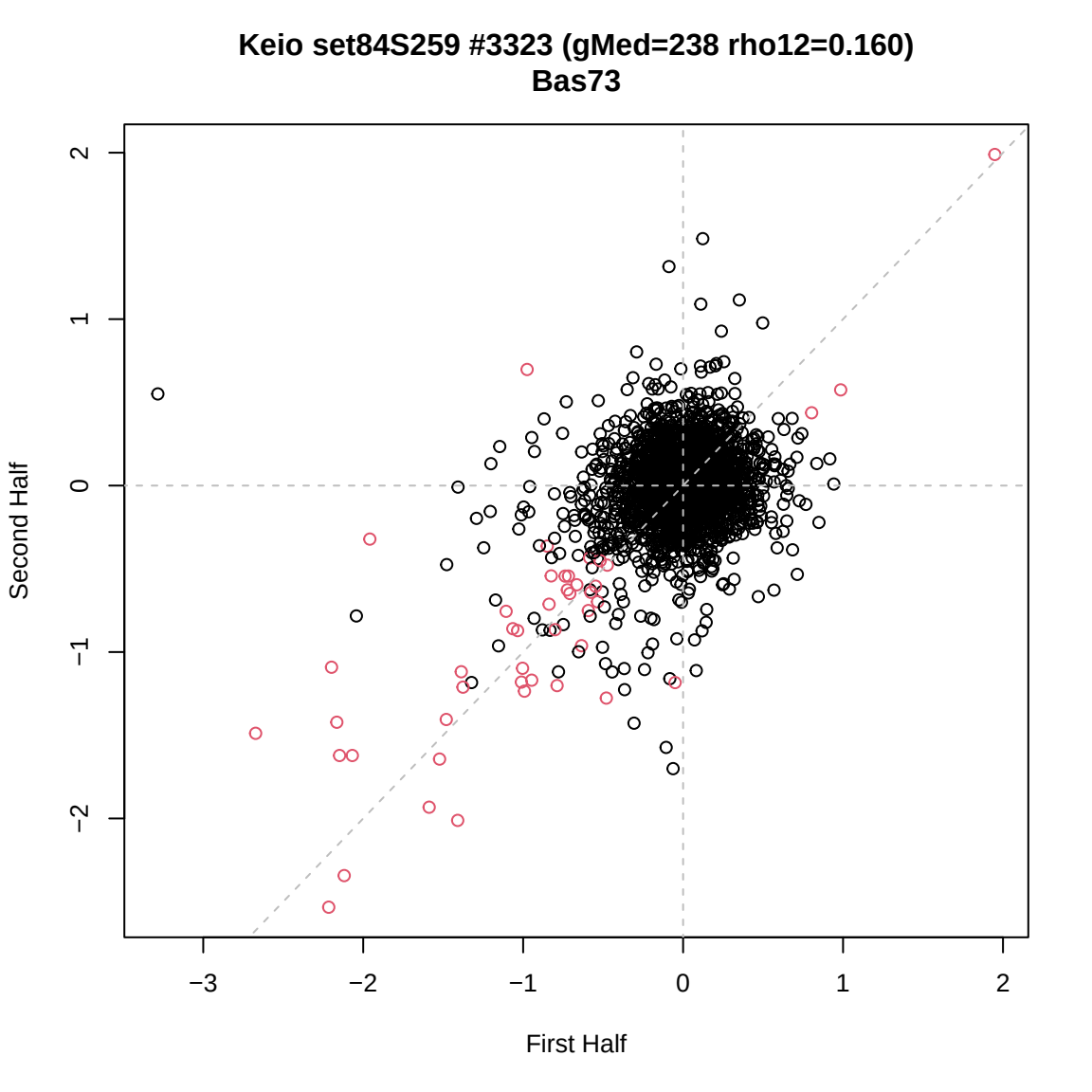

Keio set84S254 #3318 (gMed=2 rho12=0.432)
TP12
Second Half
First Half
0
5
10
15

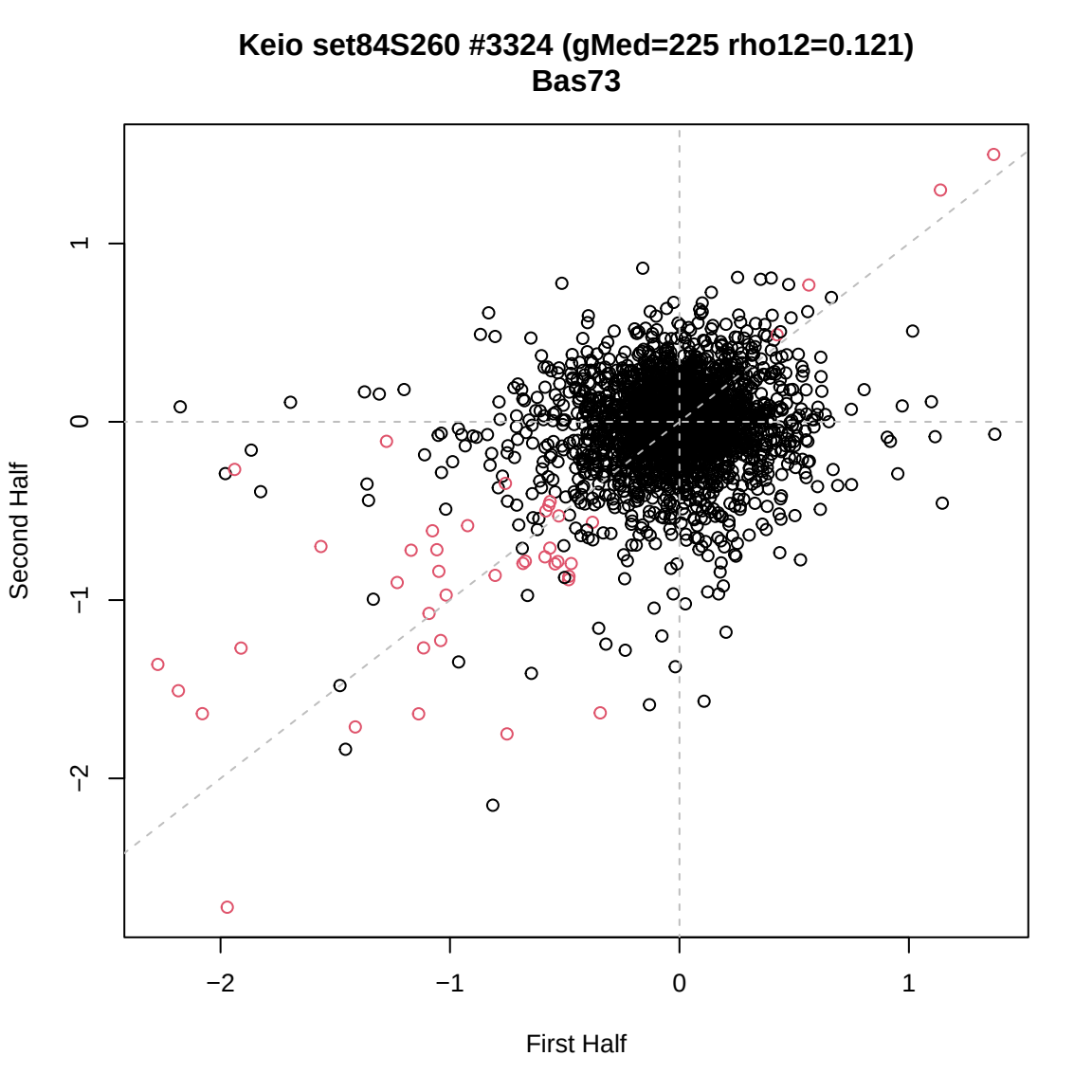

Keio set84S255 #3319 (gMed=213 rho12=0.298)
Mnm2
Second Half
First Half
8
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6
8

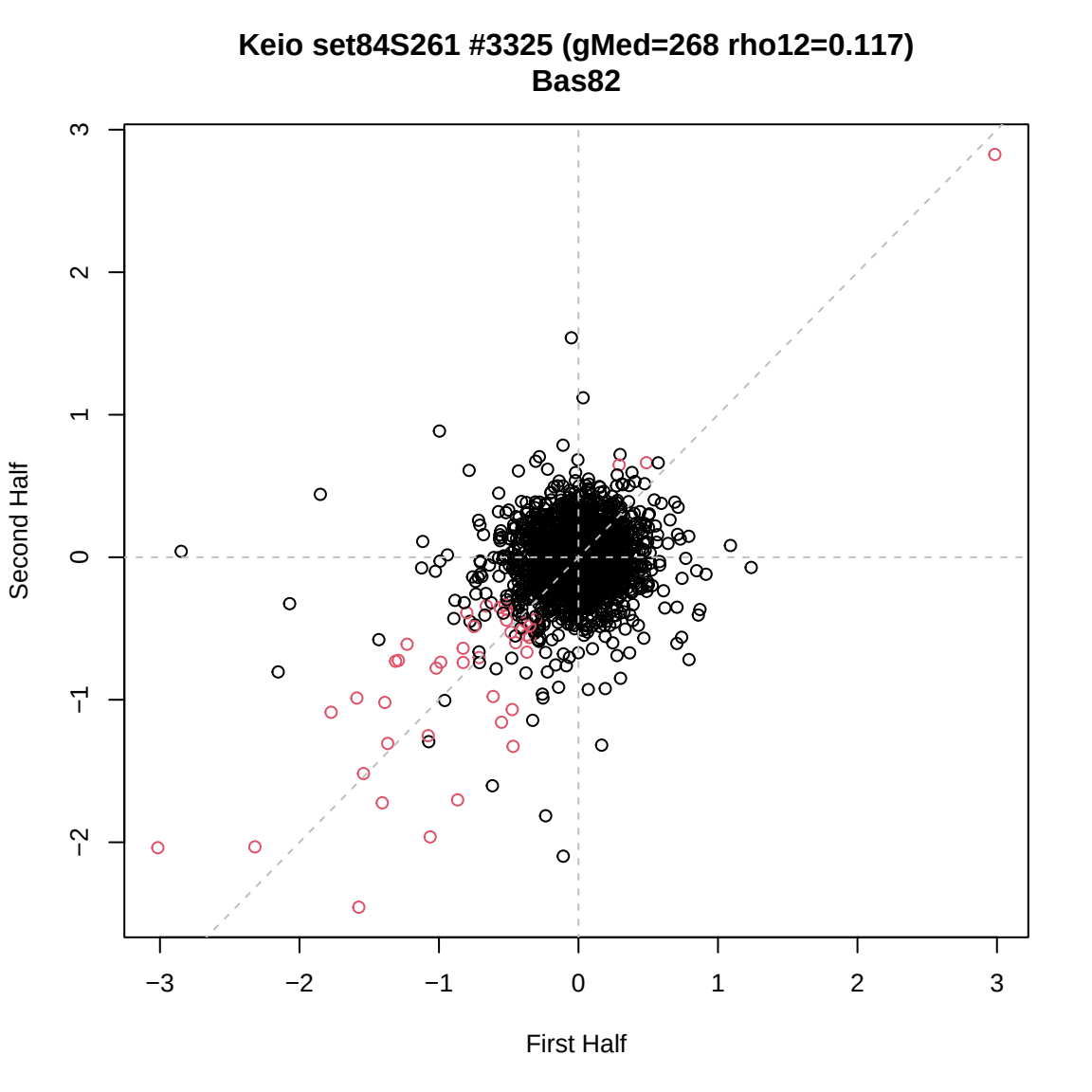

Keio set84S256 #3320 (gMed=213 rho12=0.312)
Mnm2
Second Half
First Half
6
4
2
0
−2
−4
−6
−6
−4
−2
0
2
4
6

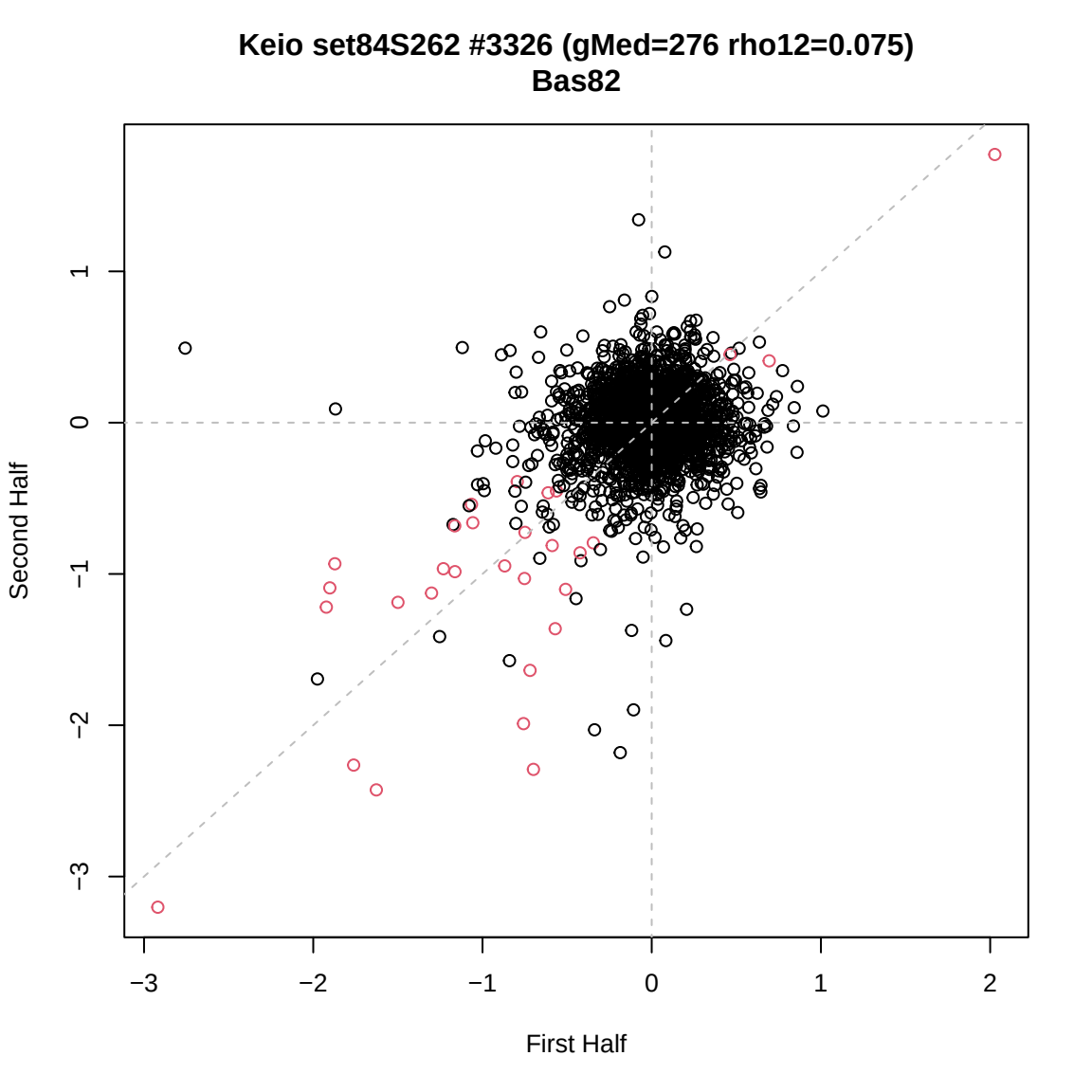

Keio set84S257 #3321 (gMed=0 rho12=0.492)
CPL00220
Second Half
First Half
0
5
10
15

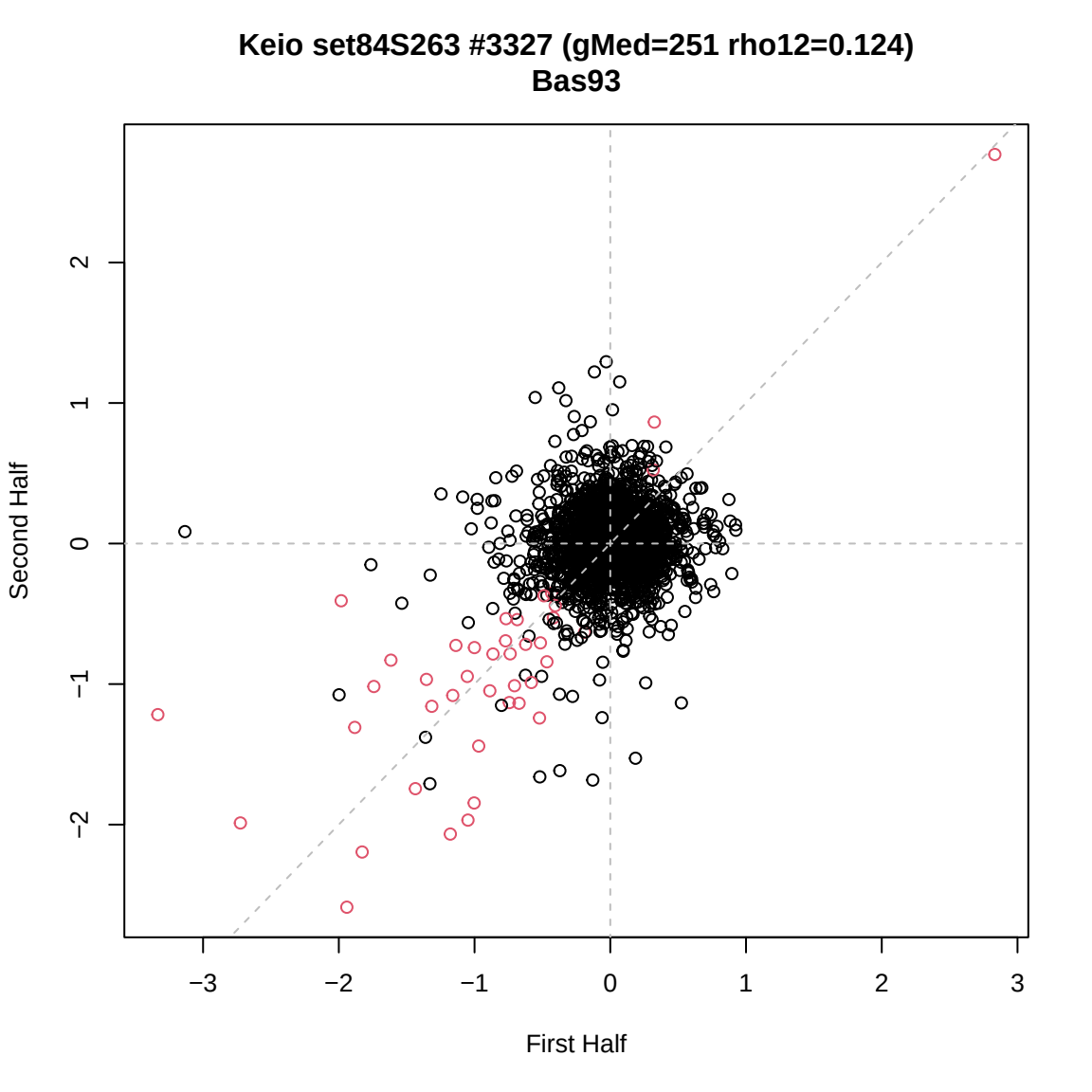

Keio set84S258 #3322 (gMed=0 rho12=0.491)
CPL00220
Second Half
First Half
0
5
10
15

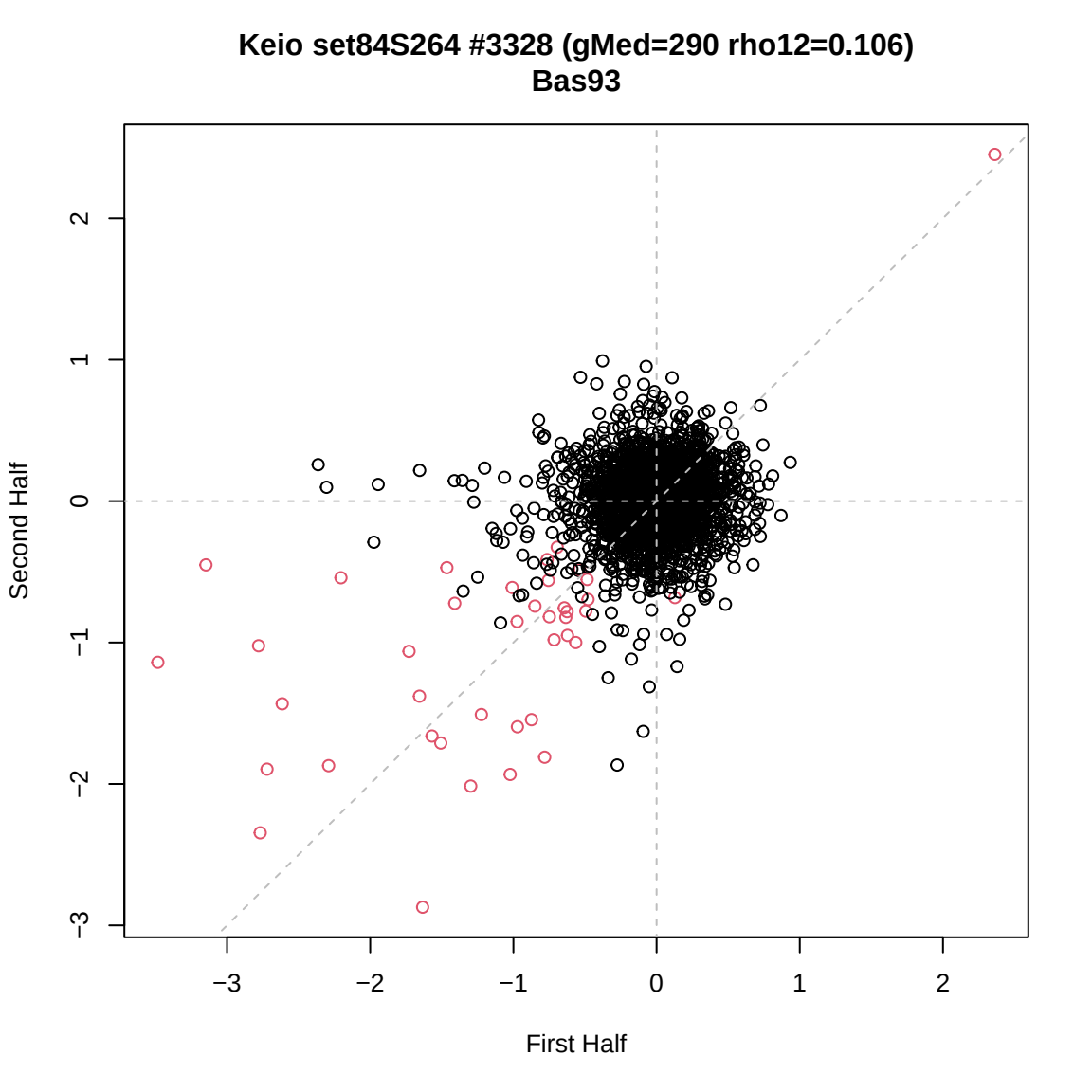

Keio set84S259 #3323 (gMed=238 rho12=0.160)
Bas73
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

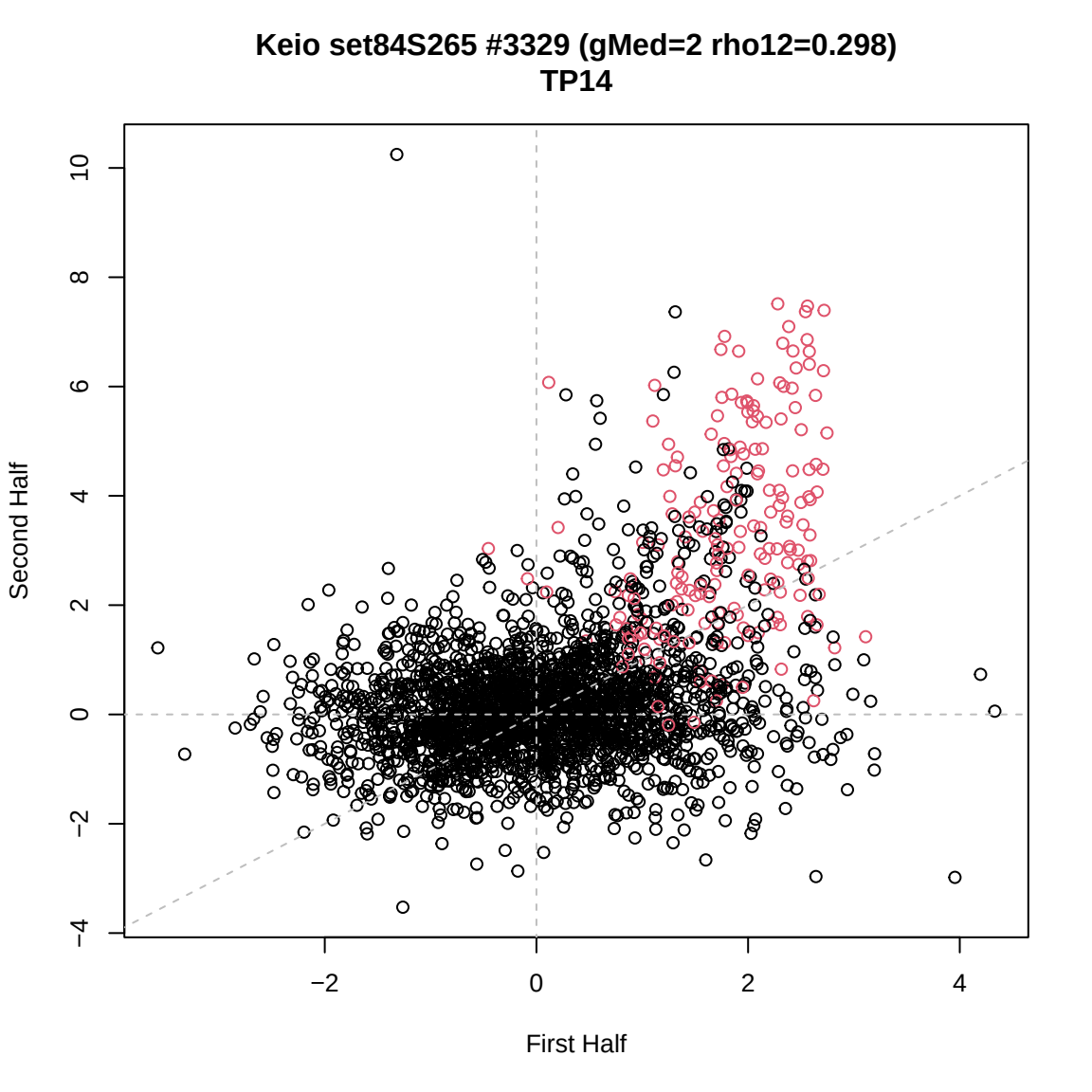

Keio set84S260 #3324 (gMed=225 rho12=0.121)
Bas73
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

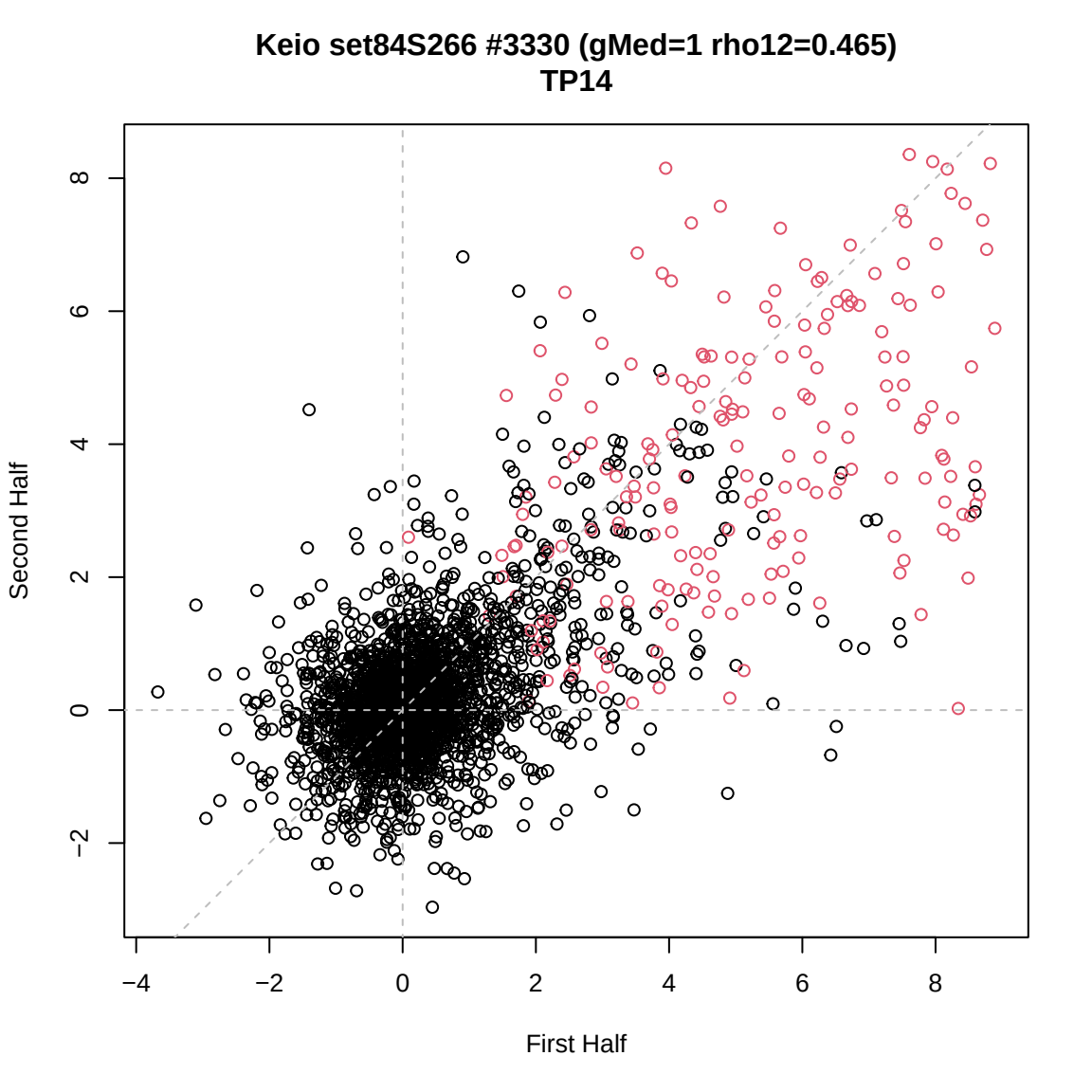

Keio set84S261 #3325 (gMed=268 rho12=0.117)
Bas82
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

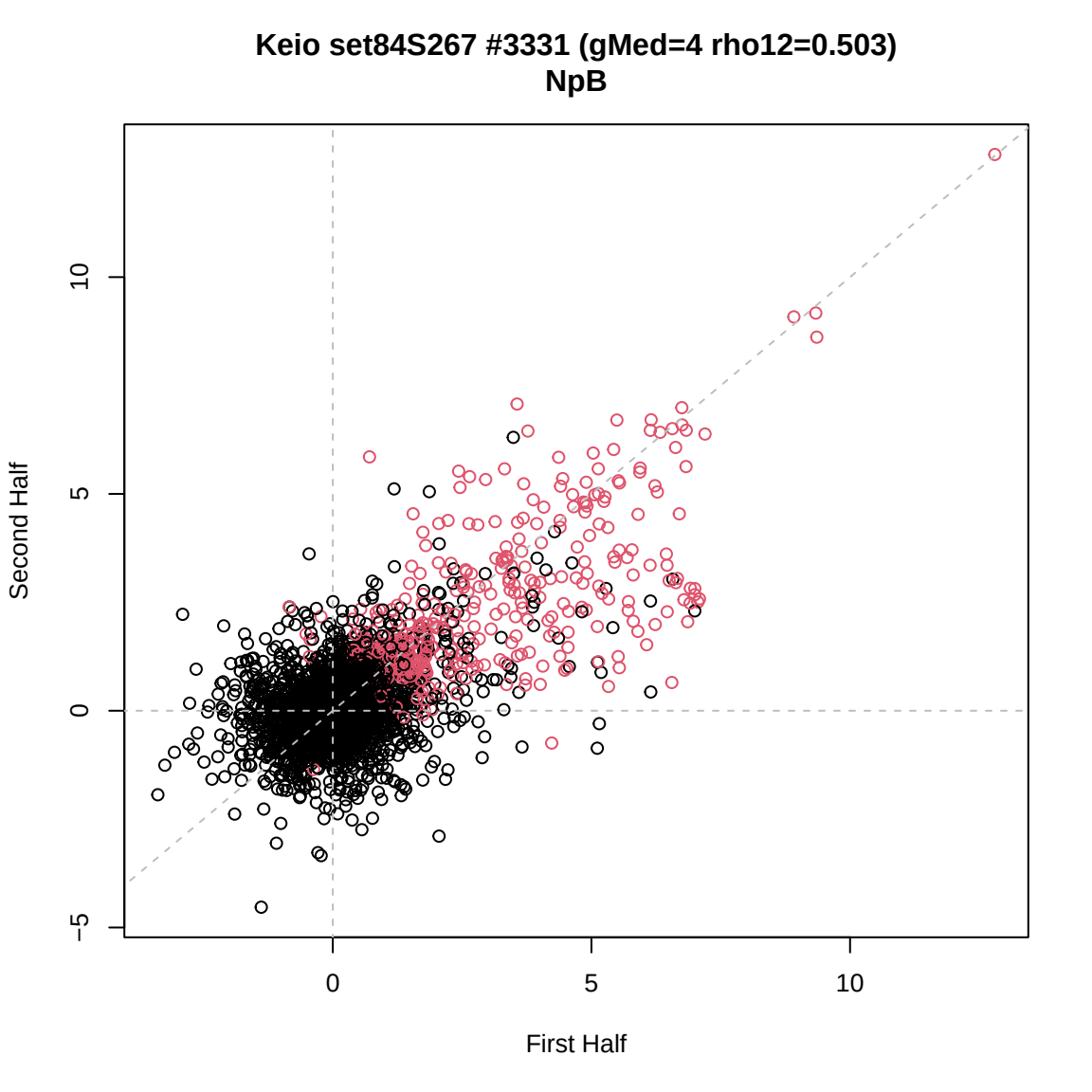

Keio set84S262 #3326 (gMed=276 rho12=0.075)
Bas82
Second Half
First Half
−3
−2
−1
0
1
2
−3
−2
−1
0
1

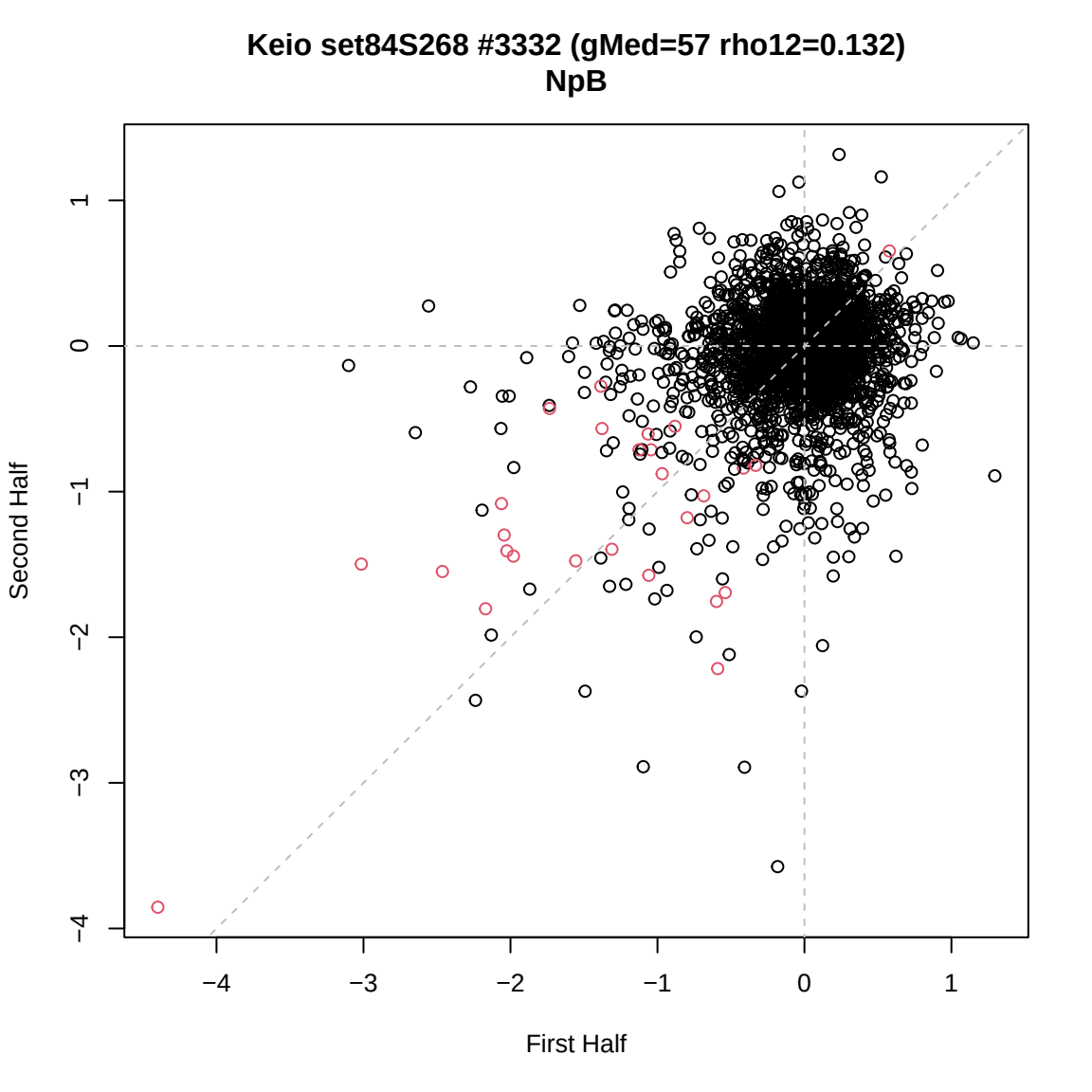

Keio set84S263 #3327 (gMed=251 rho12=0.124)
Bas93
Second Half
First Half
−3
−2
−1
0
1
2
3
−2
−1
0
1
2

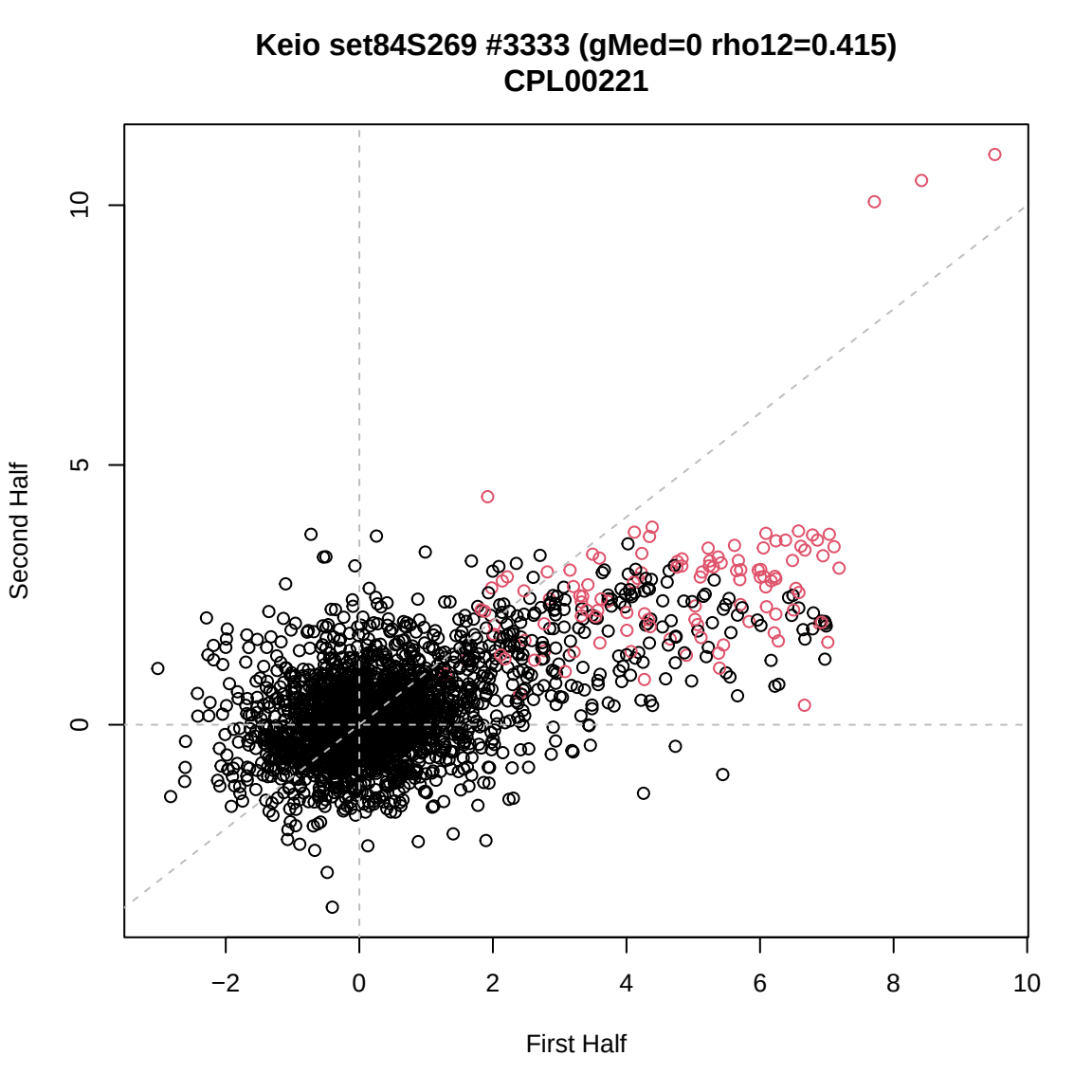

Keio set84S264 #3328 (gMed=290 rho12=0.106)
Bas93
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

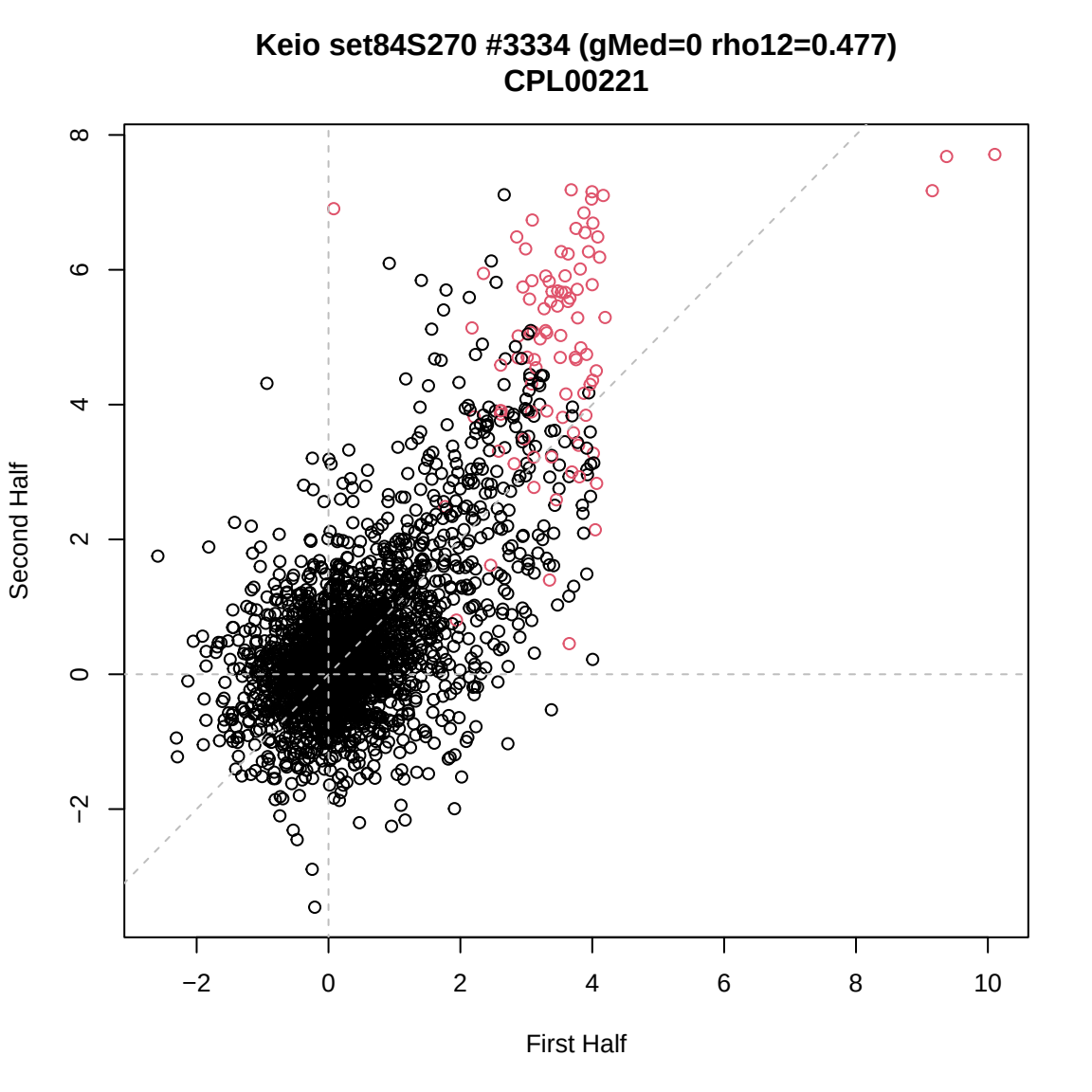

Keio set84S265 #3329 (gMed=2 rho12=0.298)
TP14
Second Half
First Half
10
8
6
4
2
0
−2
−4
−2
0
2
4

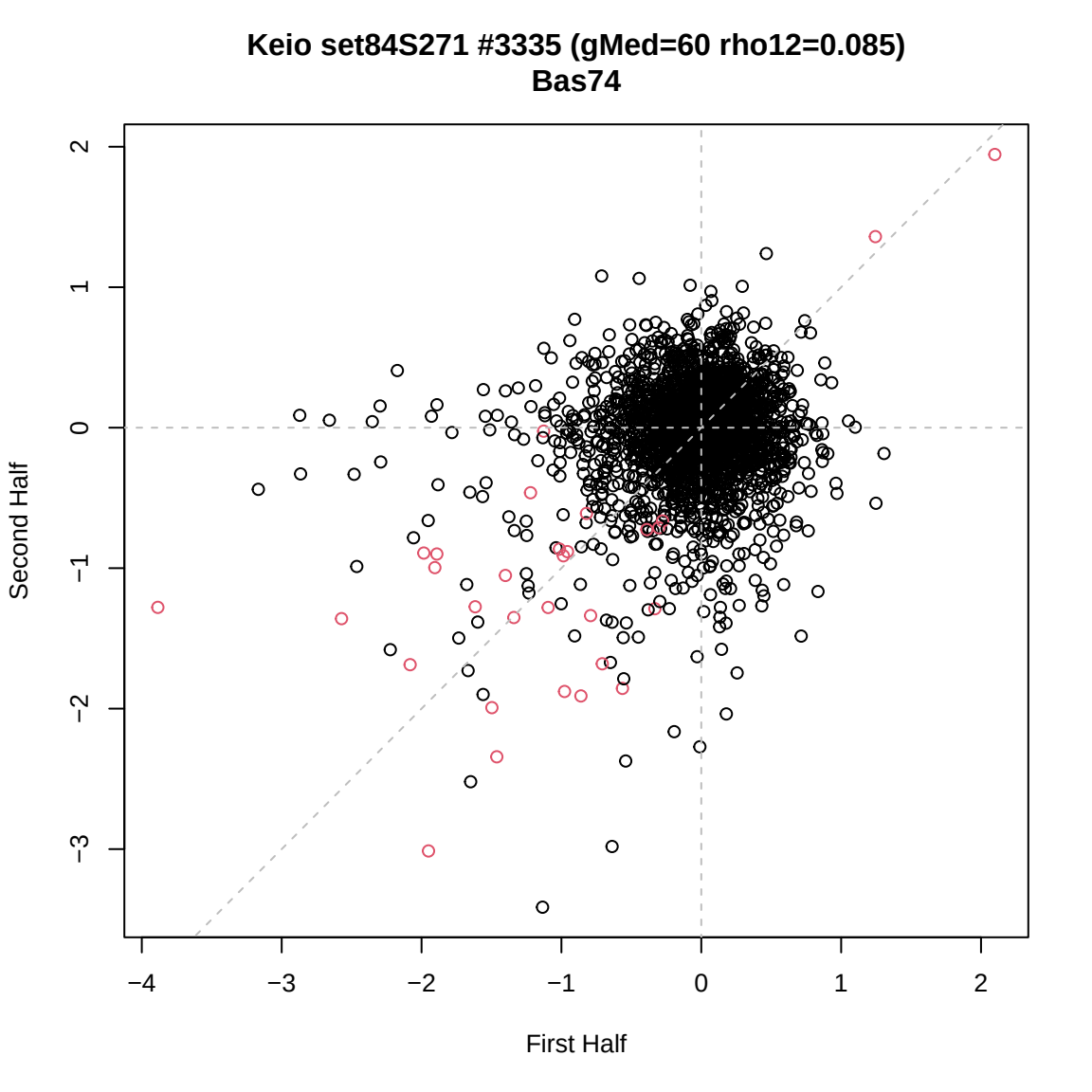

Keio set84S266 #3330 (gMed=1 rho12=0.465)
TP14
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

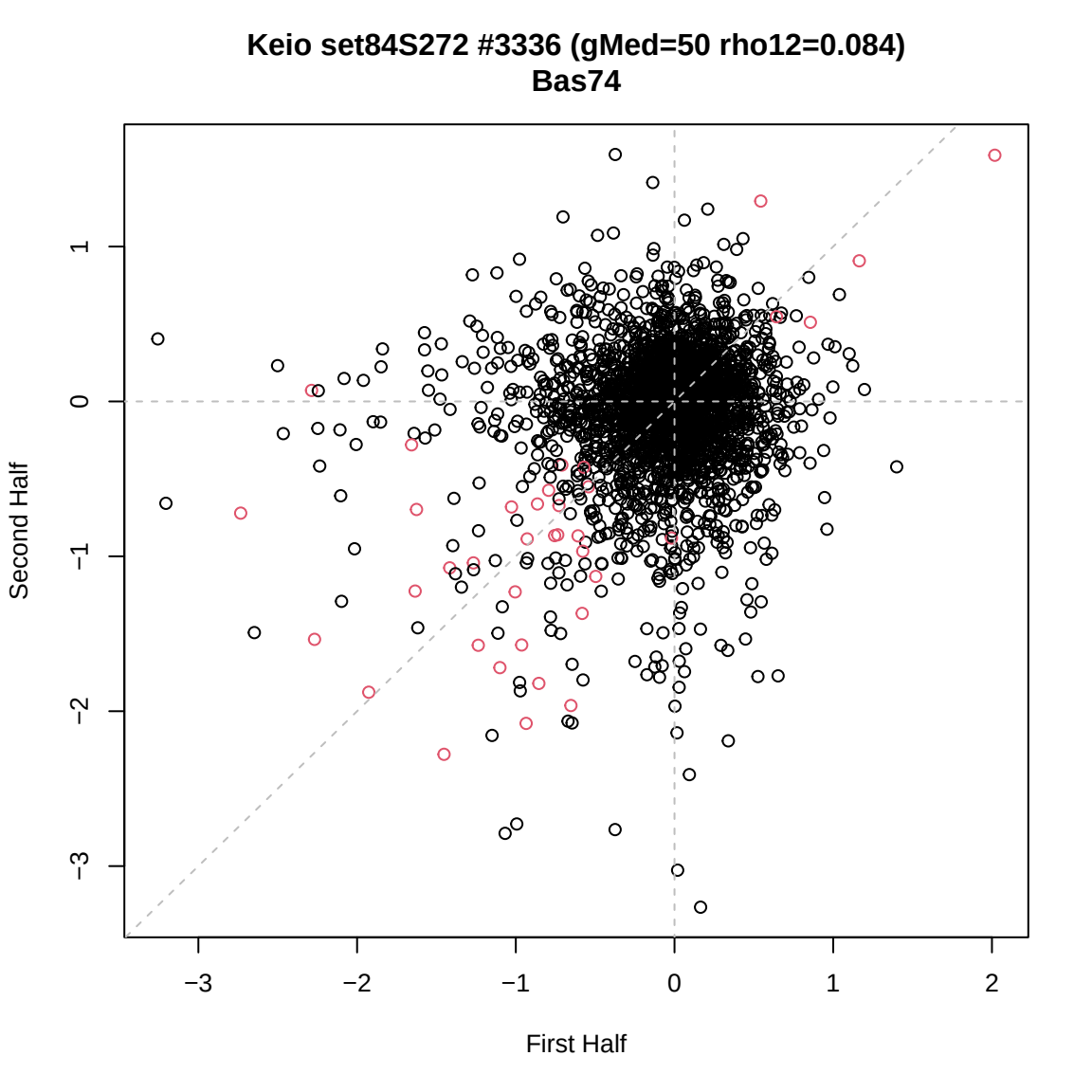

Keio set84S267 #3331 (gMed=4 rho12=0.503)
NpB
Second Half
First Half
10
5
0
−5
0
5
10

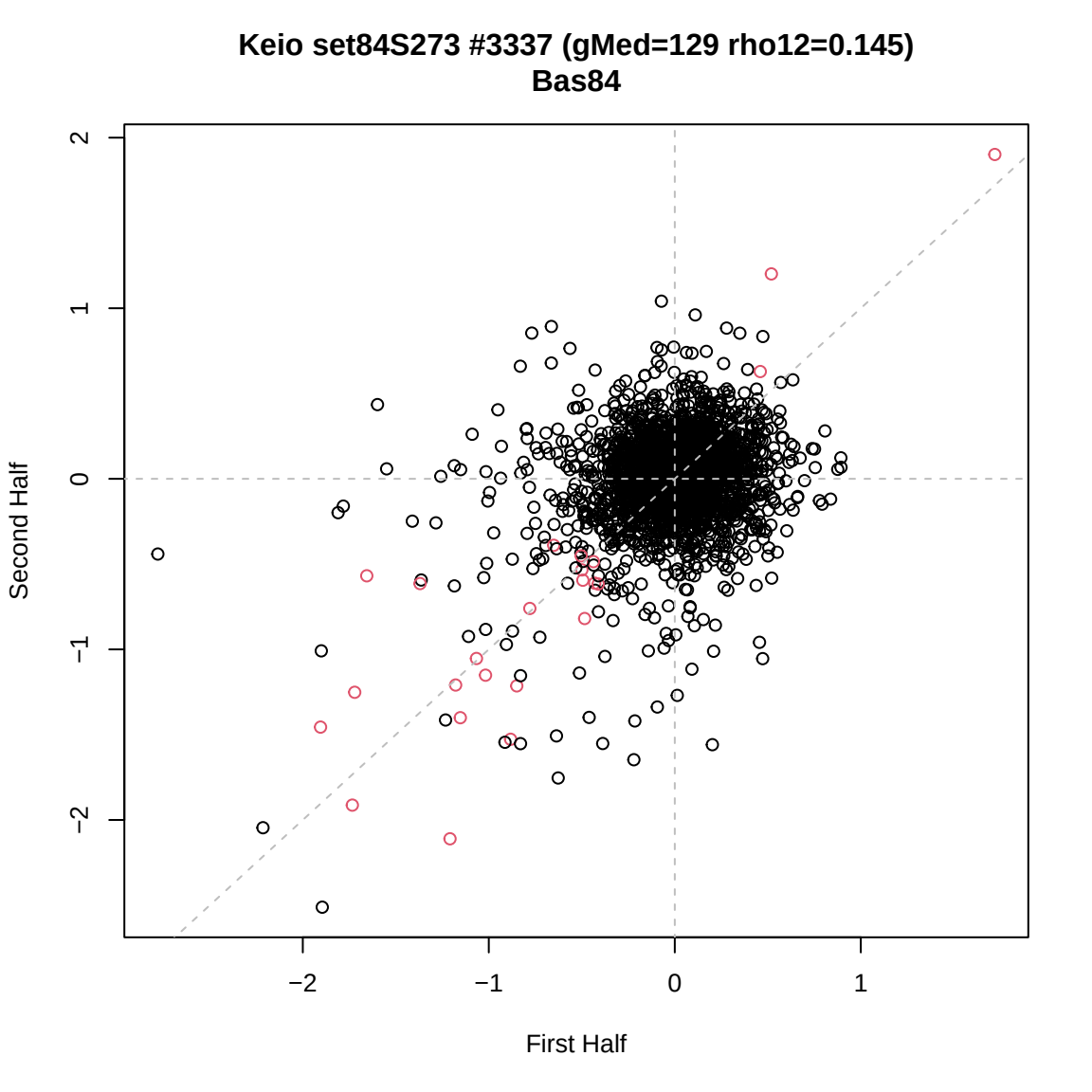

Keio set84S268 #3332 (gMed=57 rho12=0.132)
NpB
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

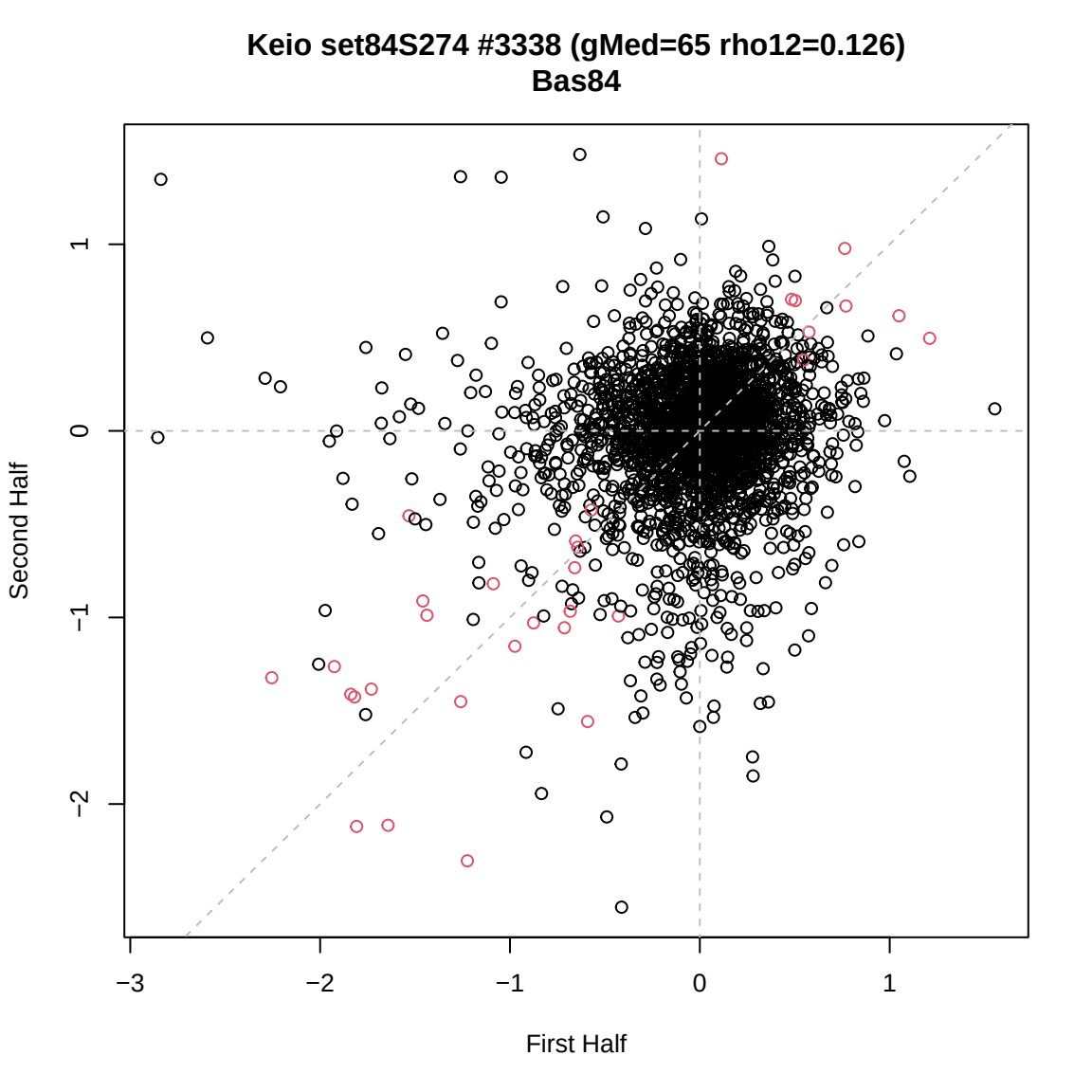

Keio set84S269 #3333 (gMed=0 rho12=0.415)
CPL00221
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

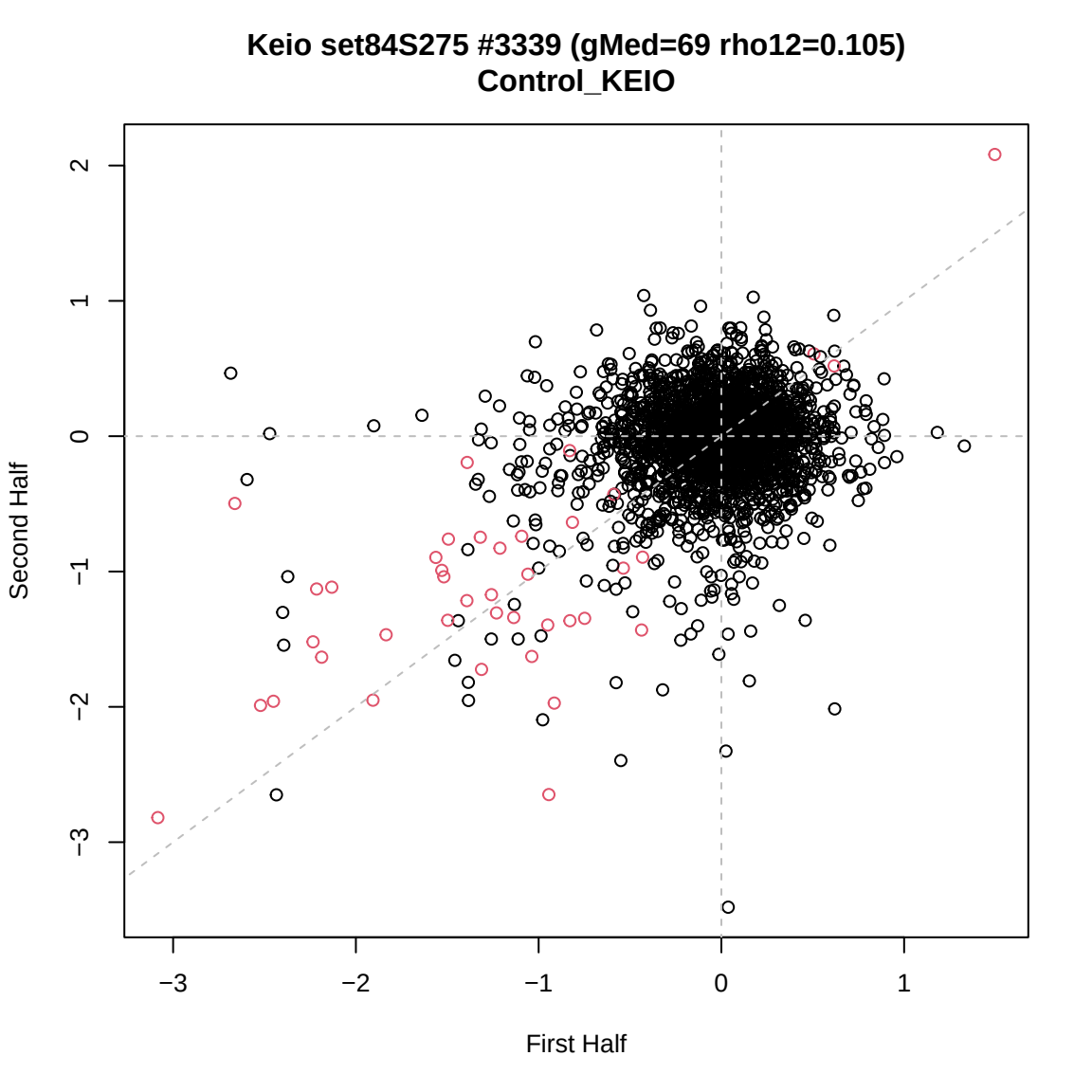

Keio set84S270 #3334 (gMed=0 rho12=0.477)
CPL00221
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8
10

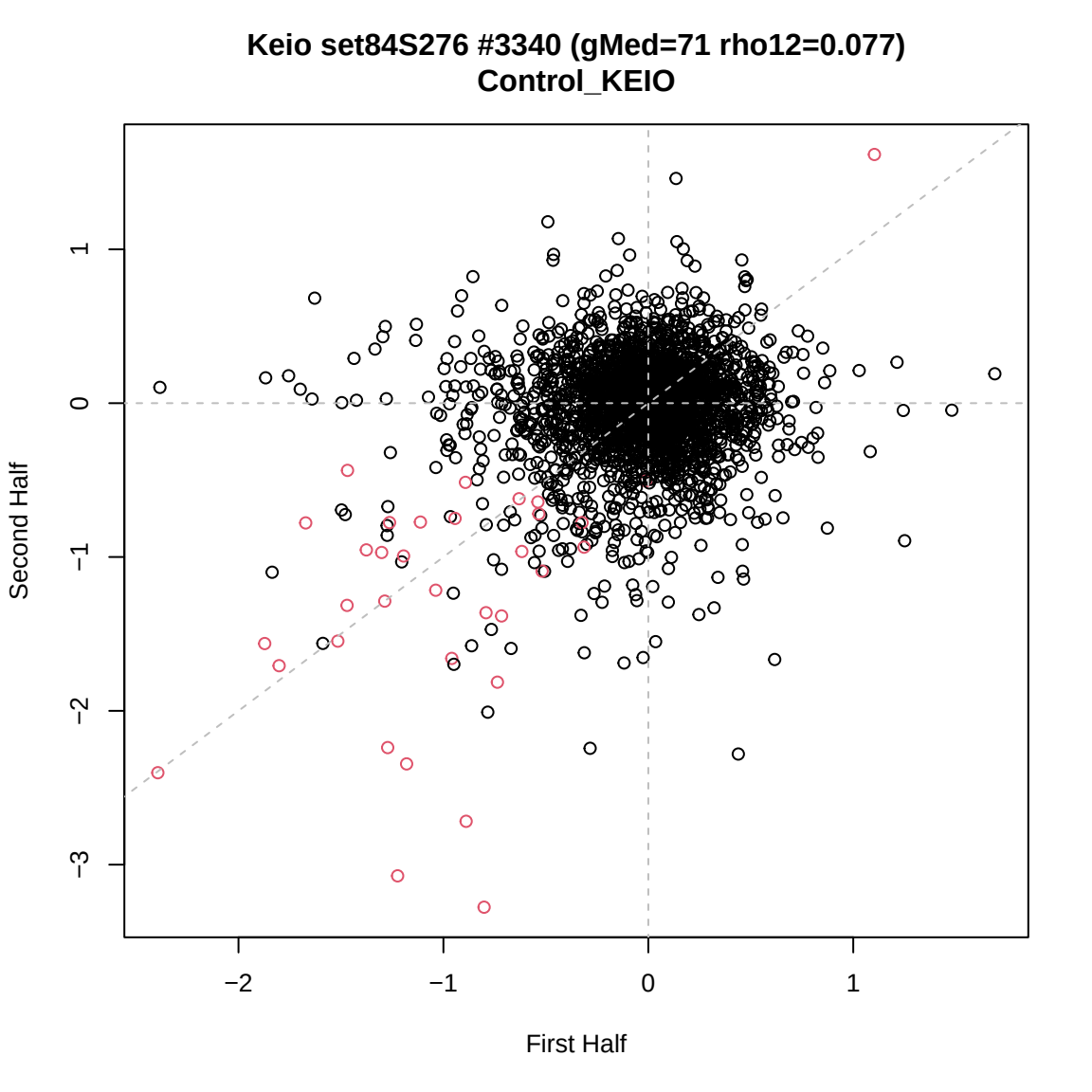

Keio set84S271 #3335 (gMed=60 rho12=0.085)
Bas74
Second Half
First Half
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

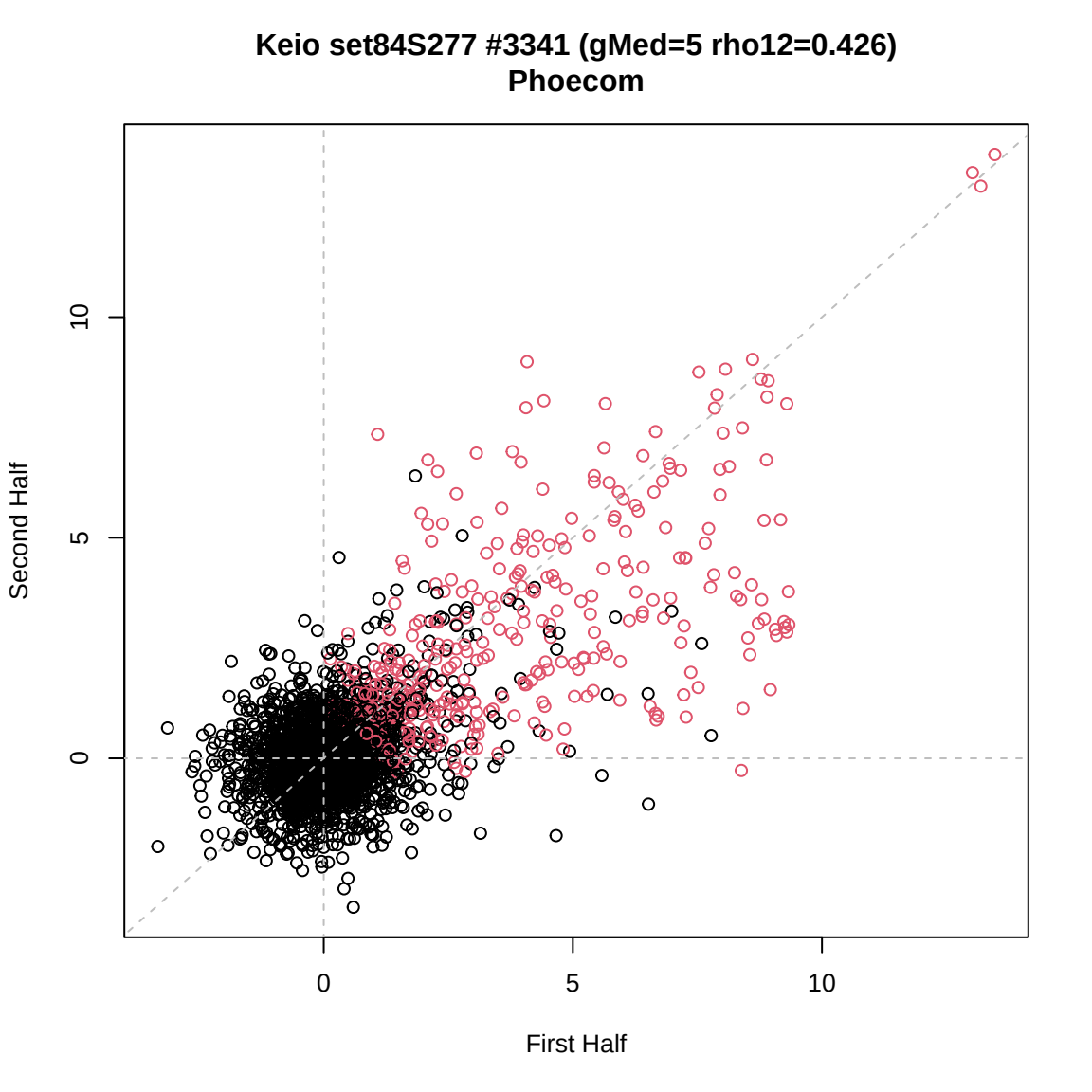

Keio set84S272 #3336 (gMed=50 rho12=0.084)
Bas74
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1
2

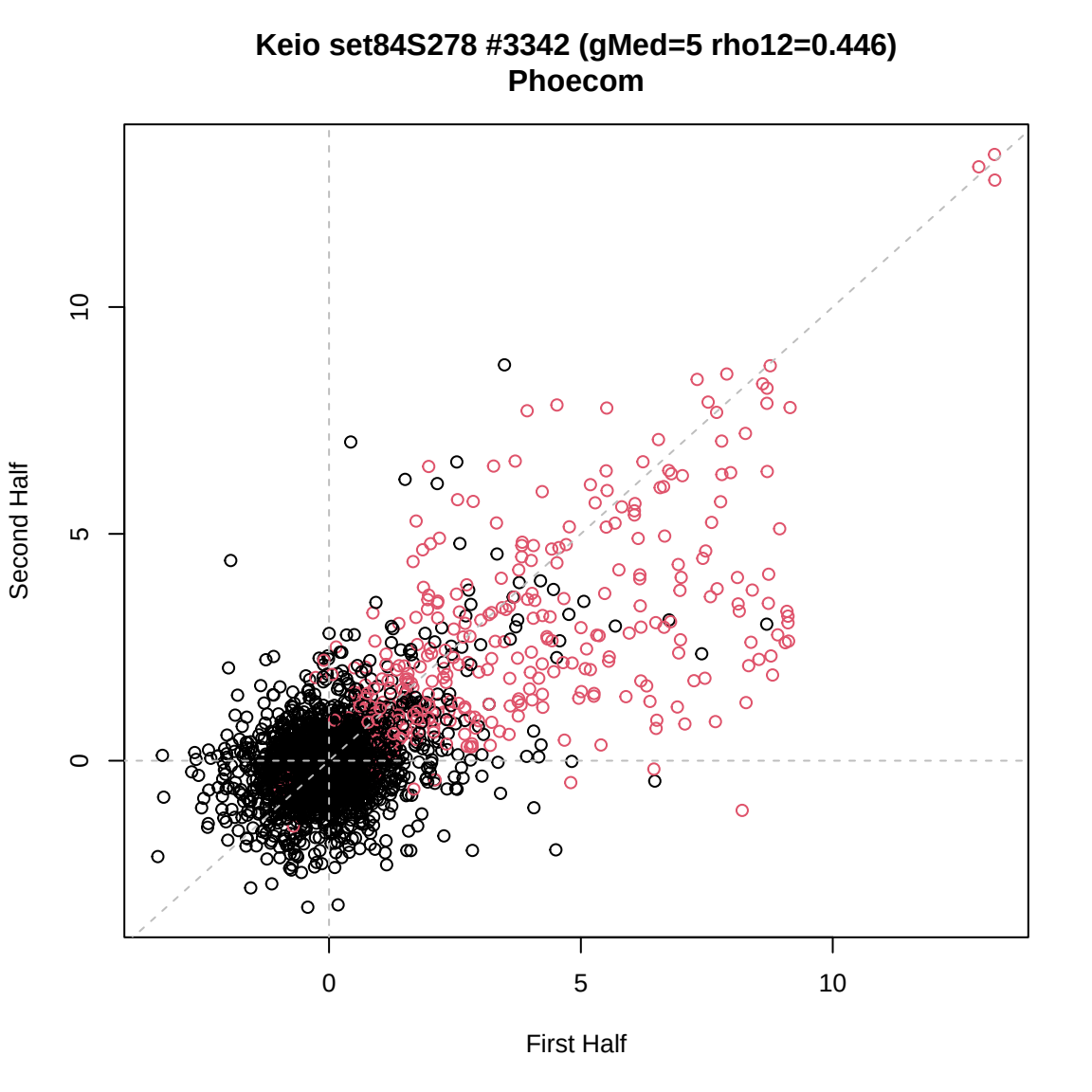

Keio set84S273 #3337 (gMed=129 rho12=0.145)
Bas84
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1

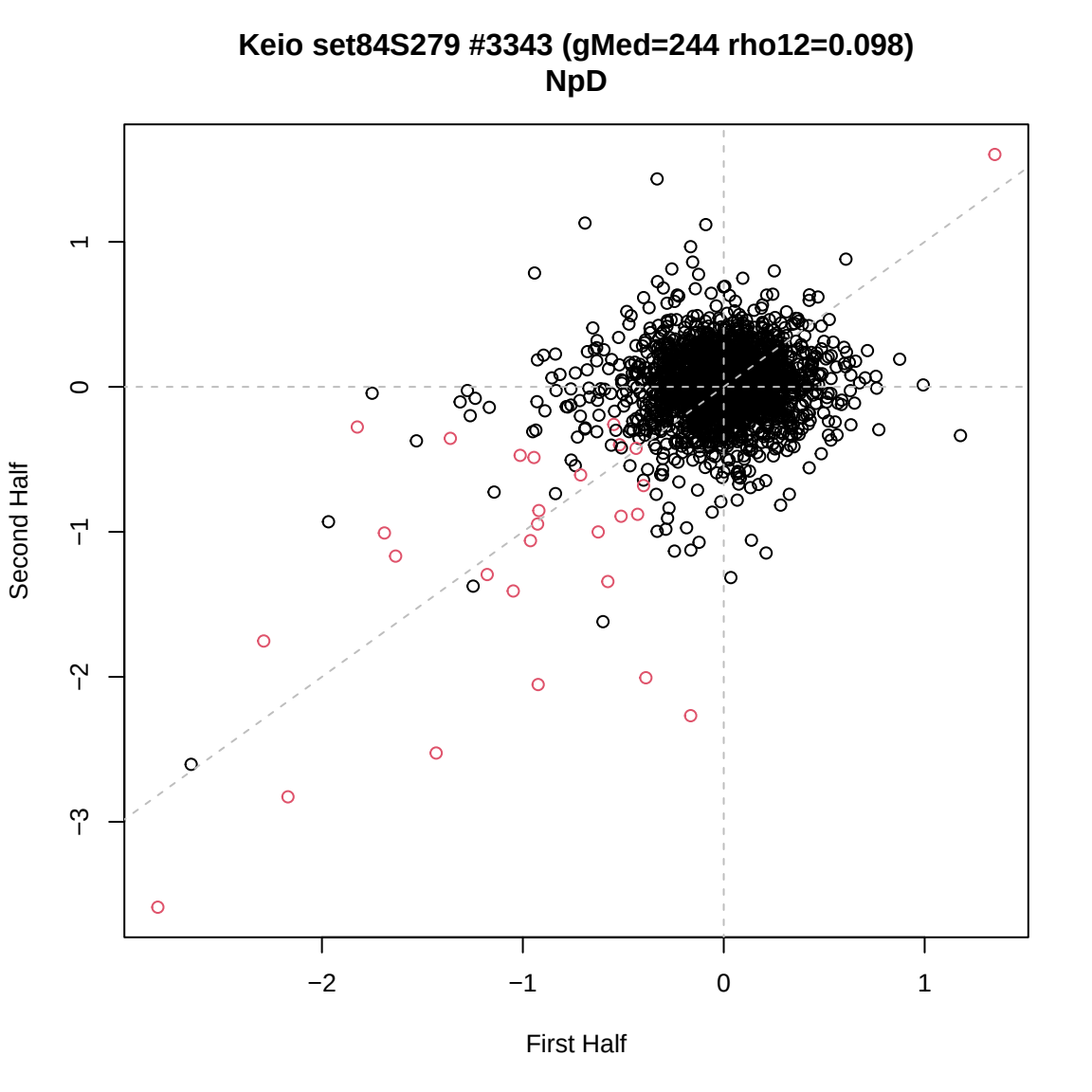

Keio set84S274 #3338 (gMed=65 rho12=0.126)
Bas84
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

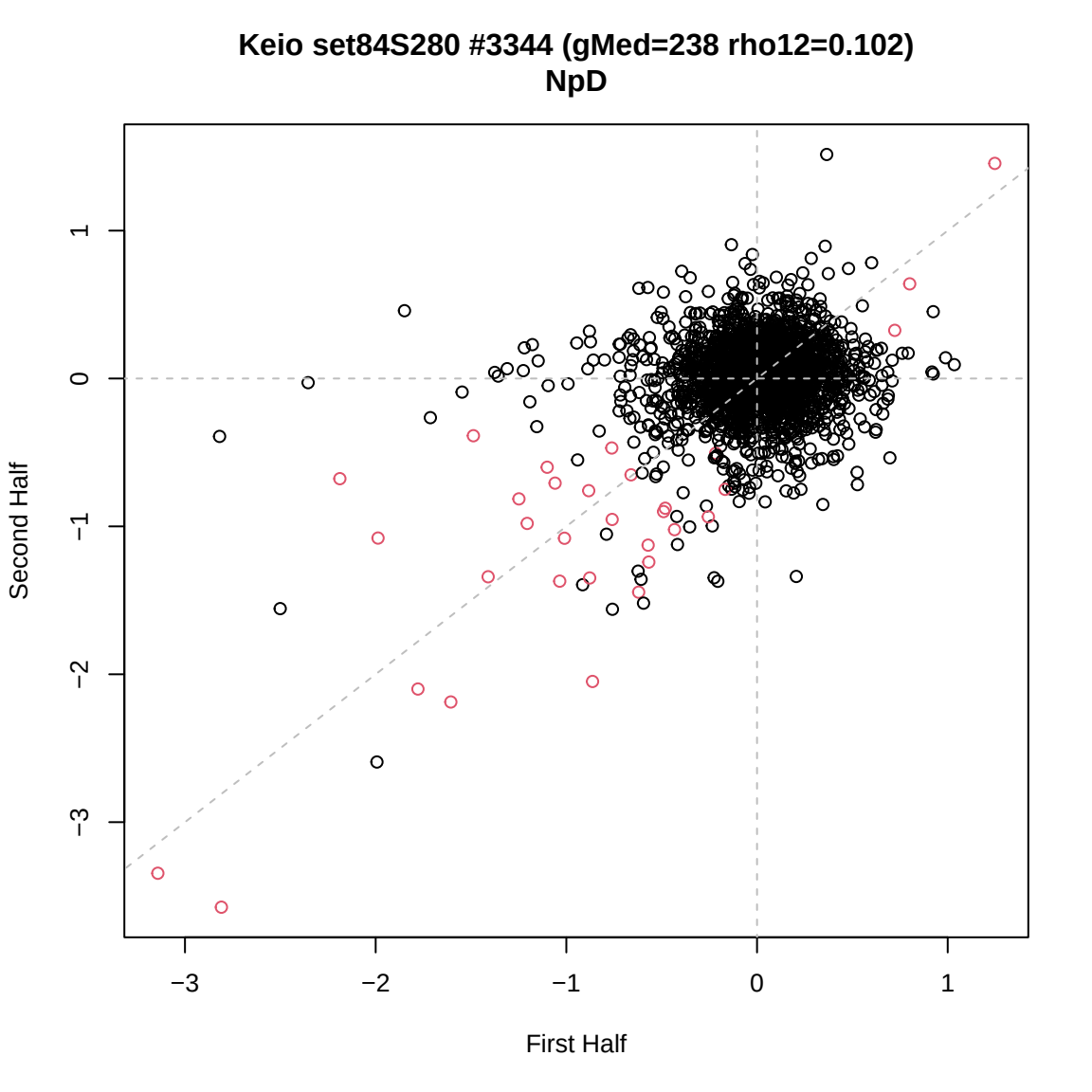

Keio set84S275 #3339 (gMed=69 rho12=0.105)
Control_KEIO
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1

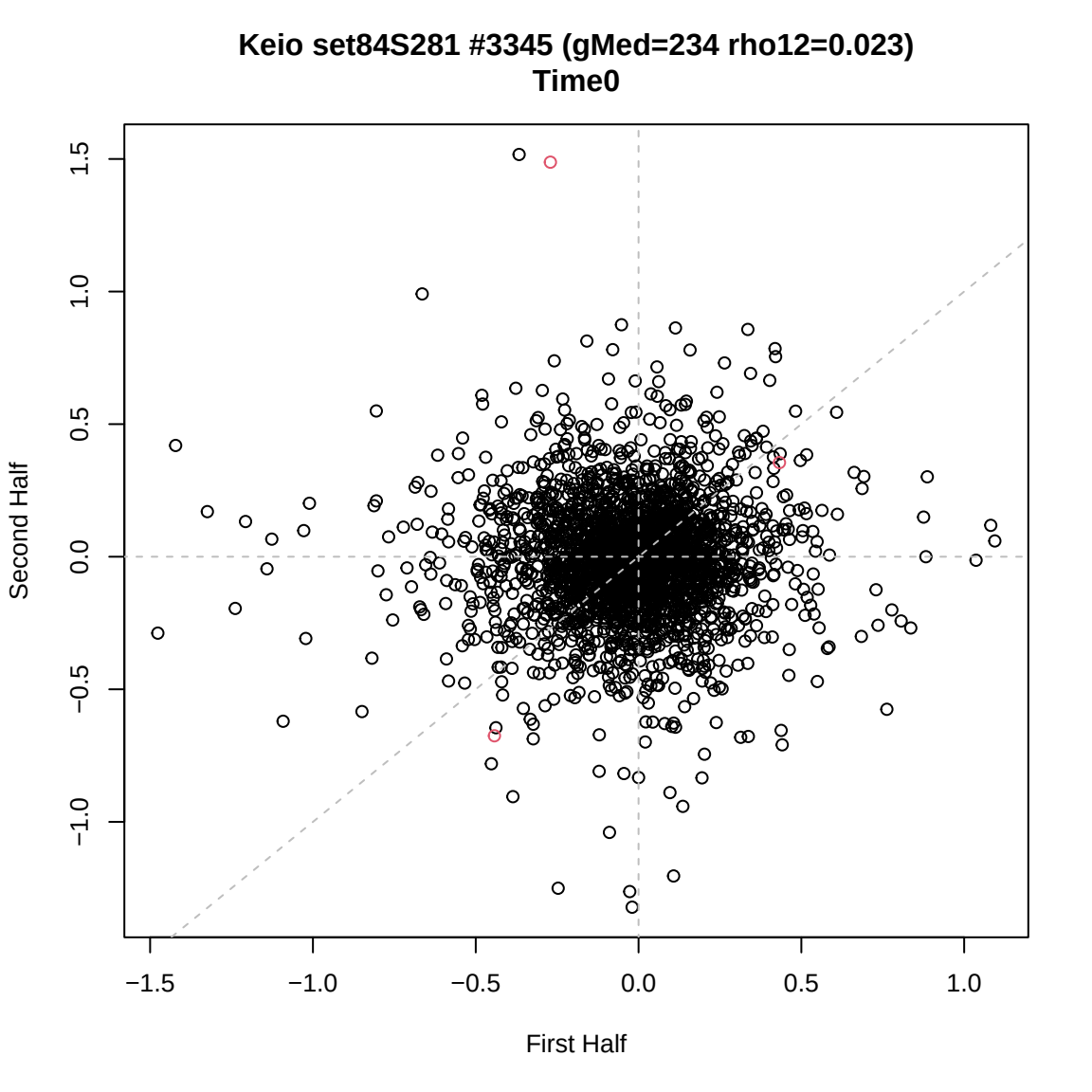

Keio set84S276 #3340 (gMed=71 rho12=0.077)
Control_KEIO
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

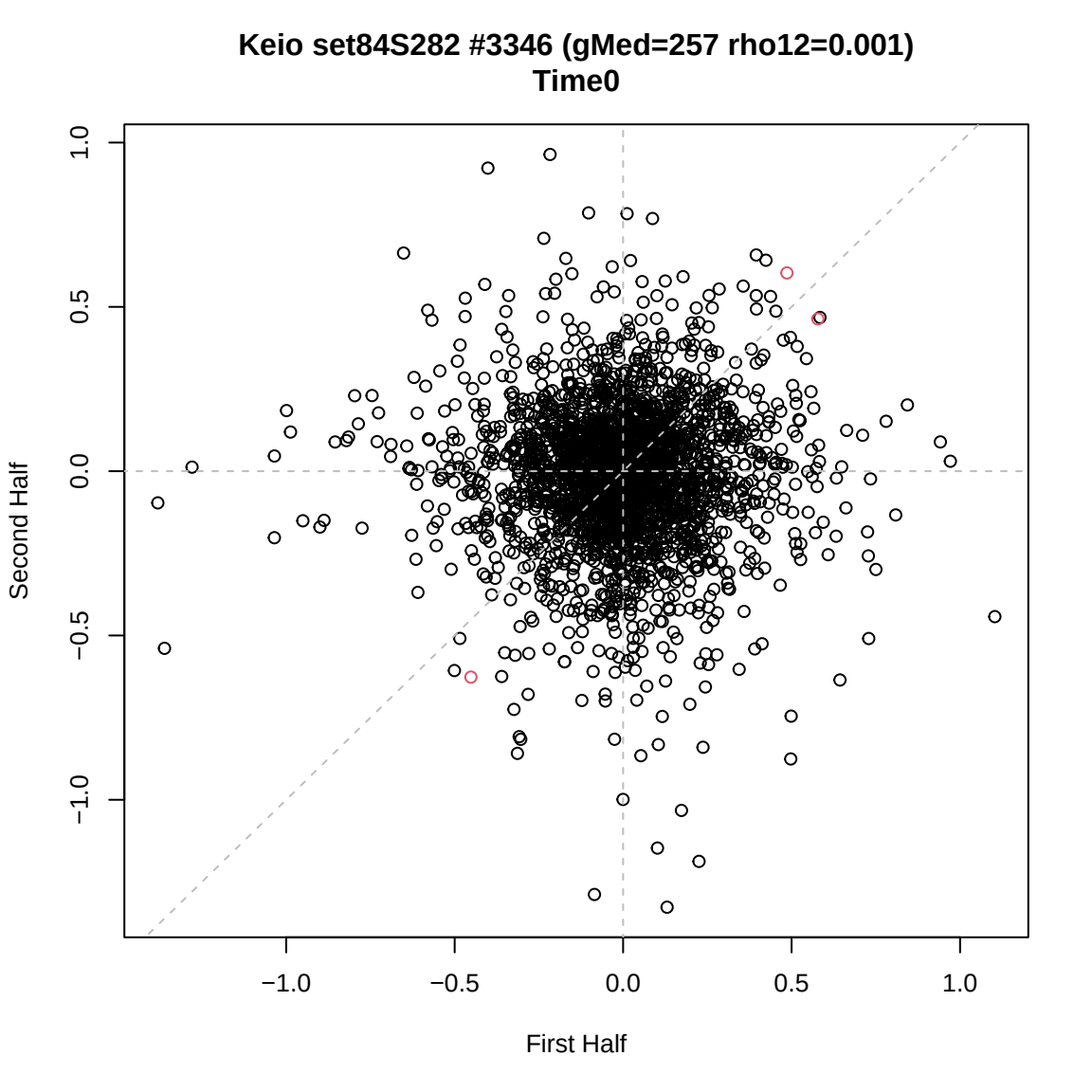

Keio set84S277 #3341 (gMed=5 rho12=0.426)
Phoecom
Second Half
First Half
0
5
10
0
5
10

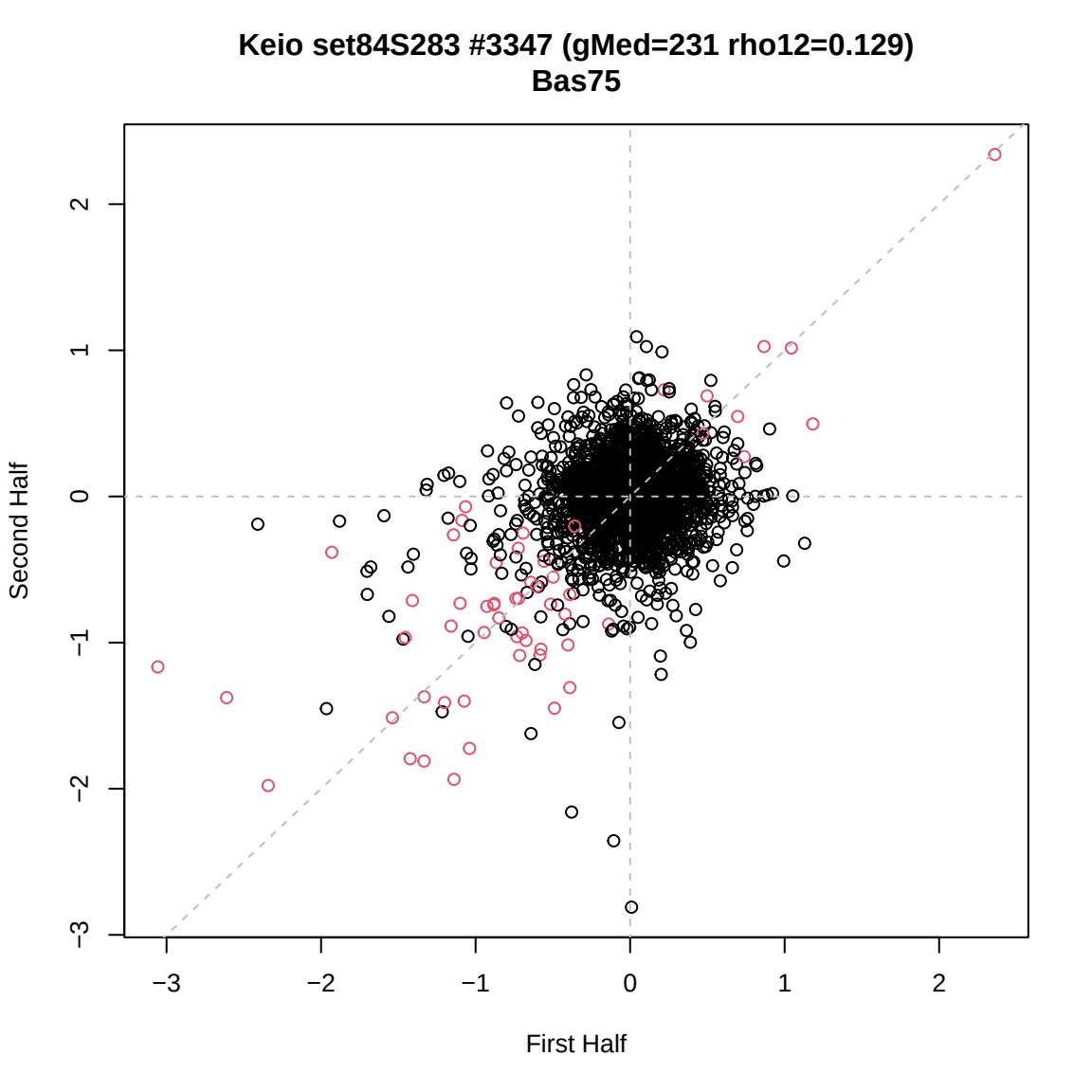

Keio set84S278 #3342 (gMed=5 rho12=0.446)
Phoecom
Second Half
First Half
0
5
10
0
5
10

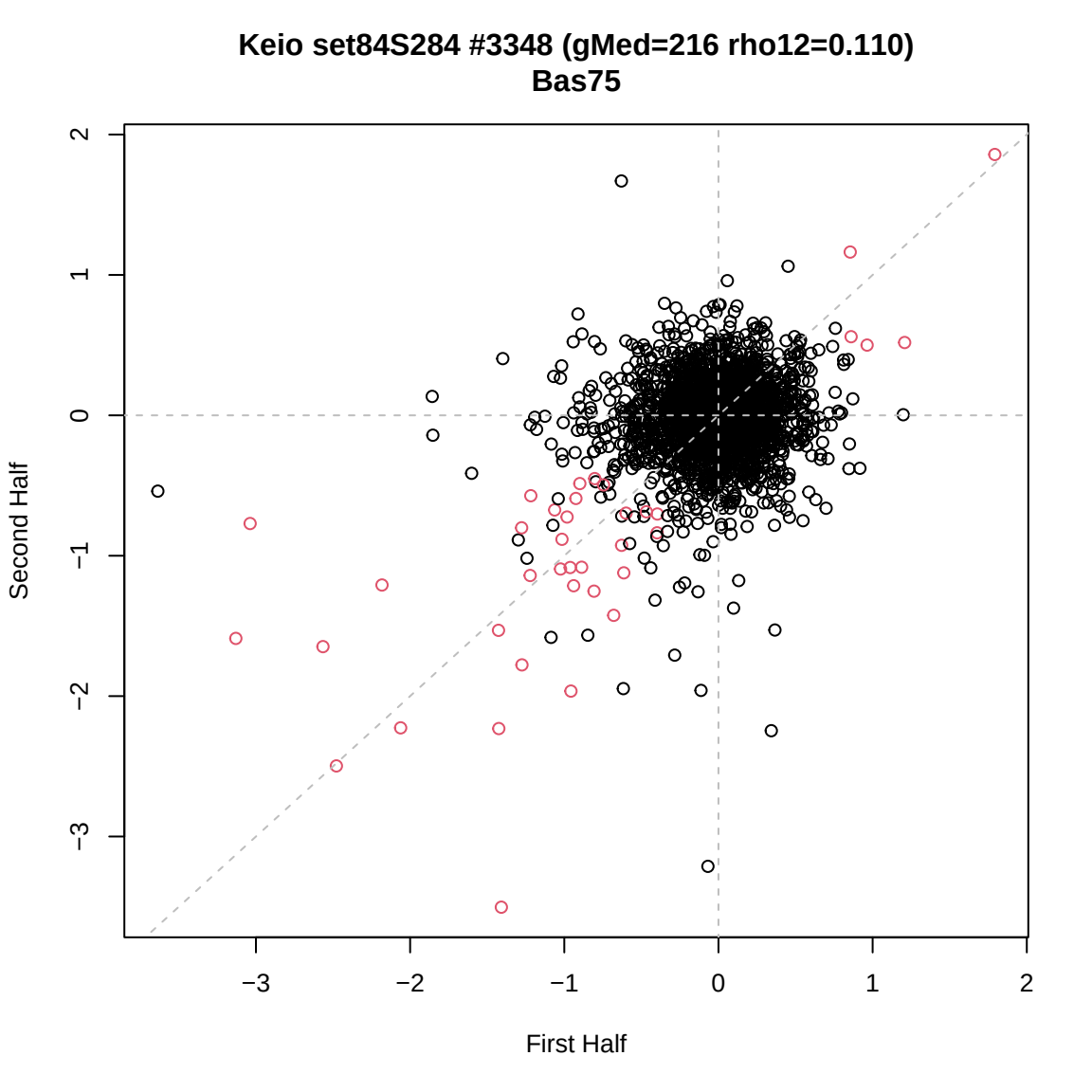

Keio set84S279 #3343 (gMed=244 rho12=0.098)
NpD
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

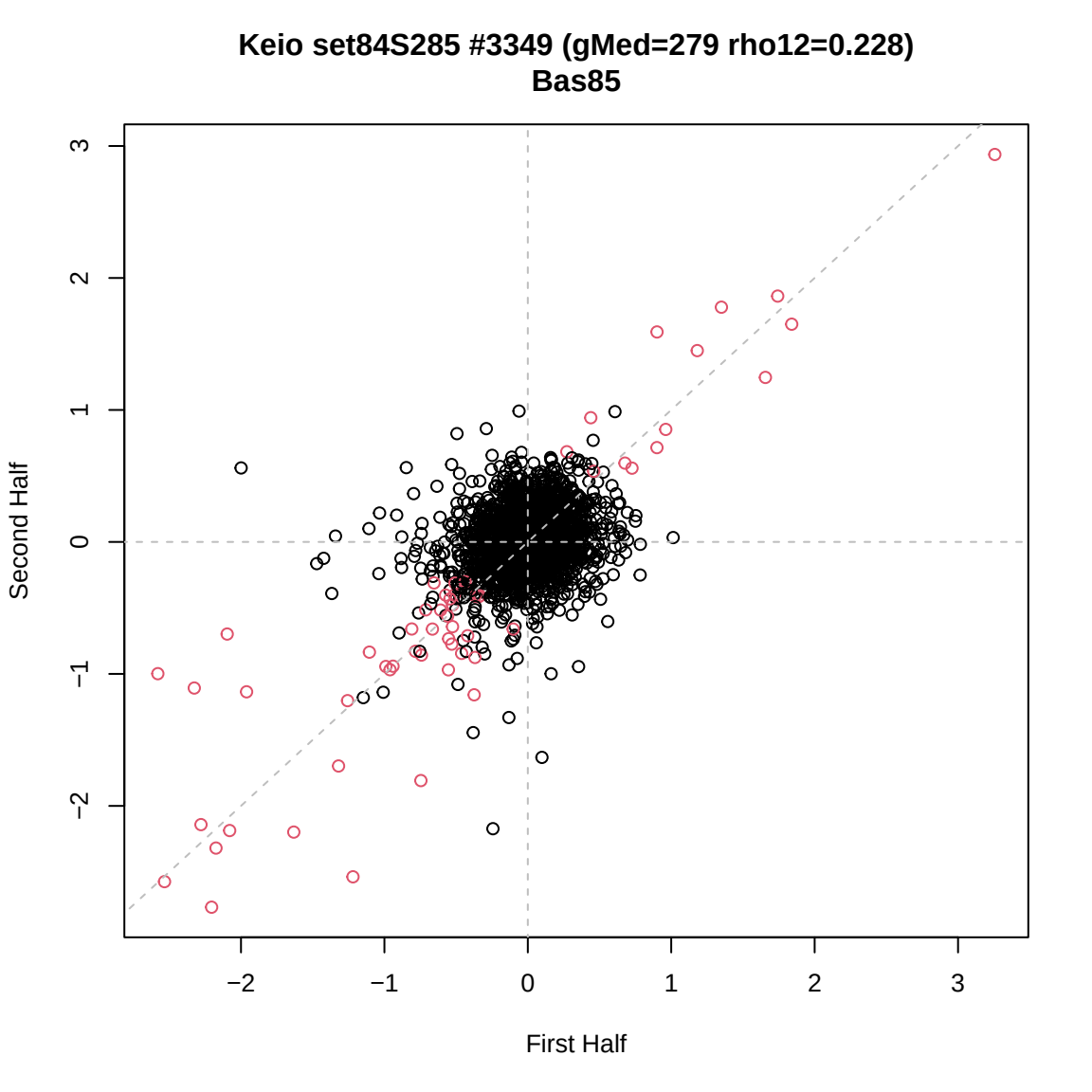

Keio set84S280 #3344 (gMed=238 rho12=0.102)
NpD
Second Half
First Half
−3
−2
−1
0
1

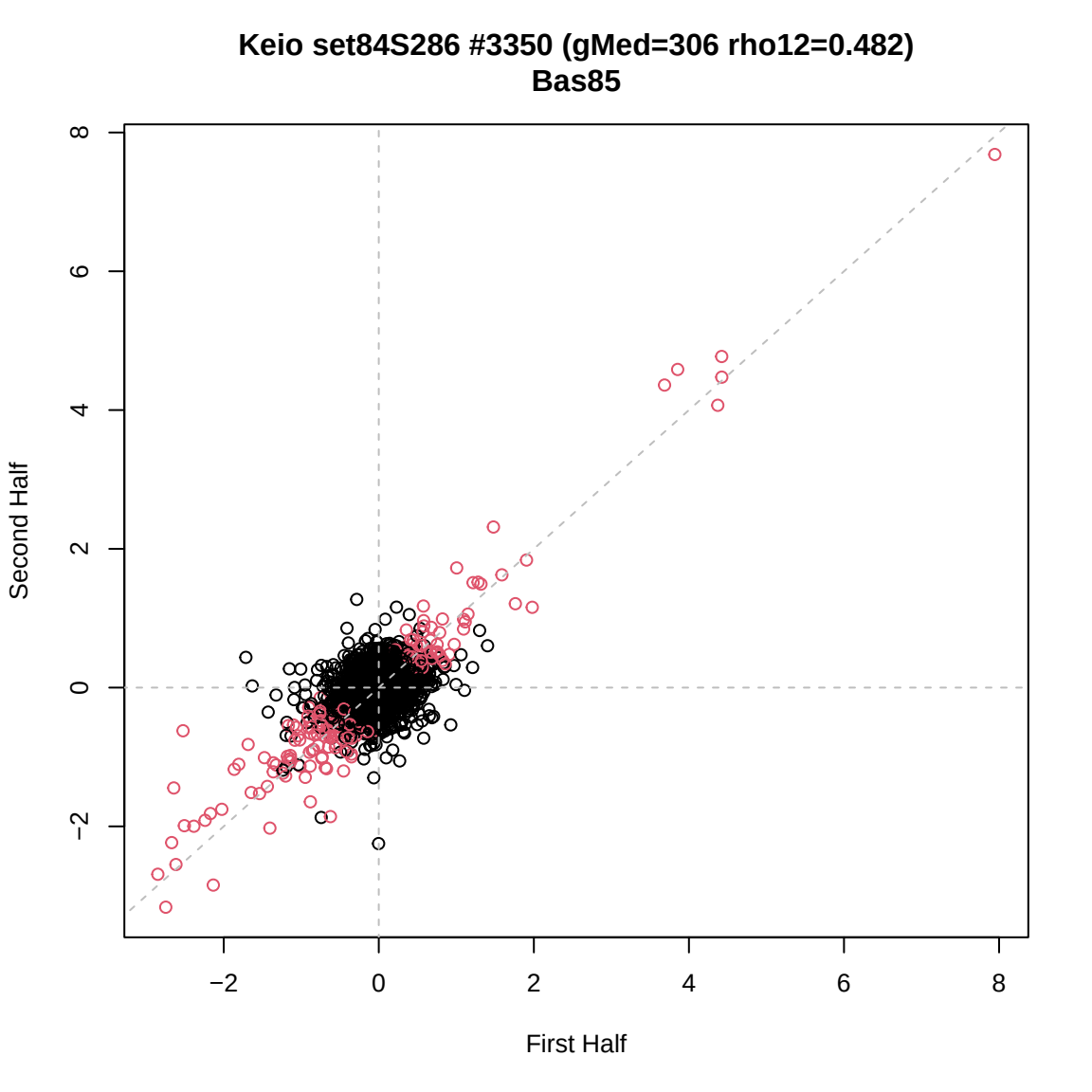

Keio set84S281 #3345 (gMed=234 rho12=0.023)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

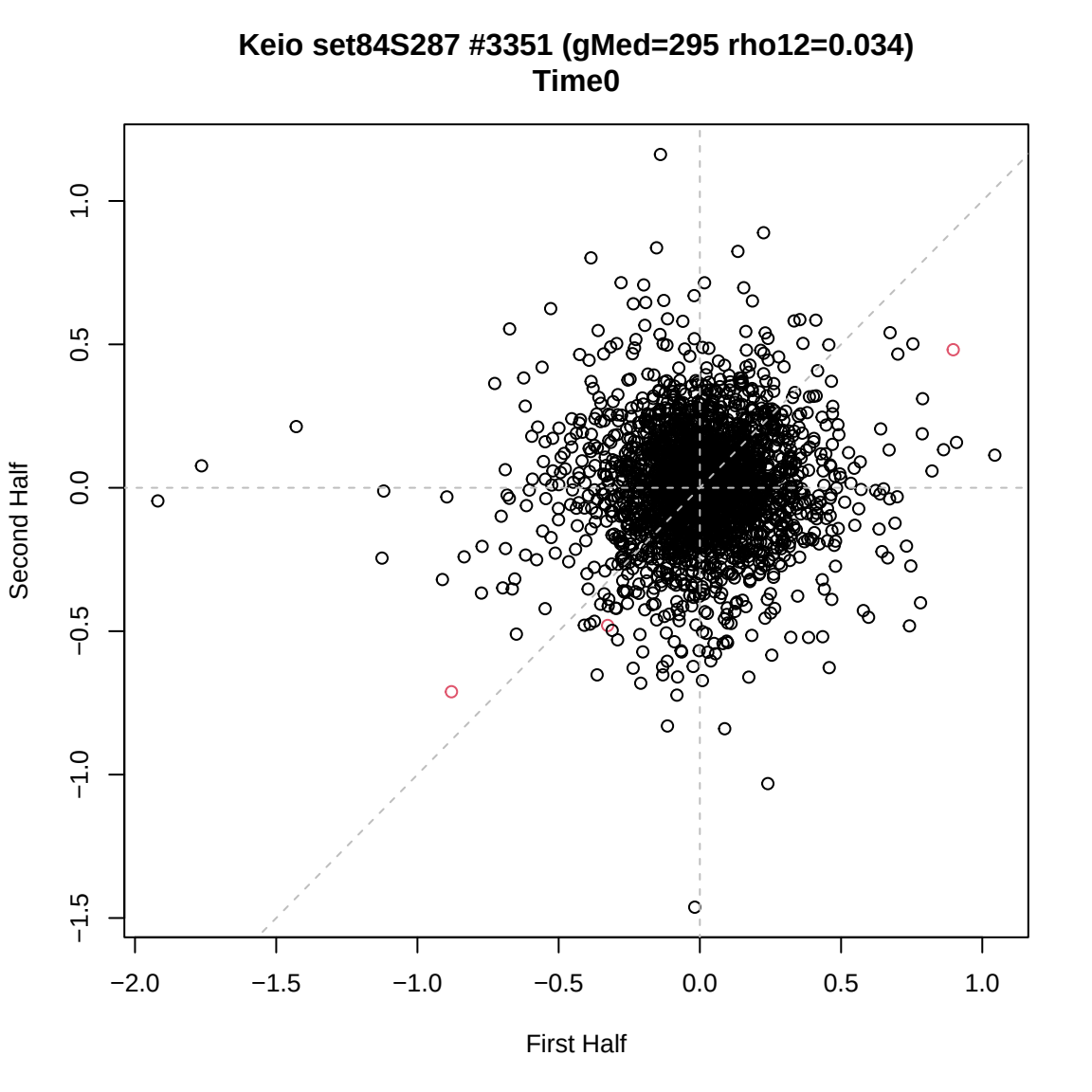

Keio set84S282 #3346 (gMed=257 rho12=0.001)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

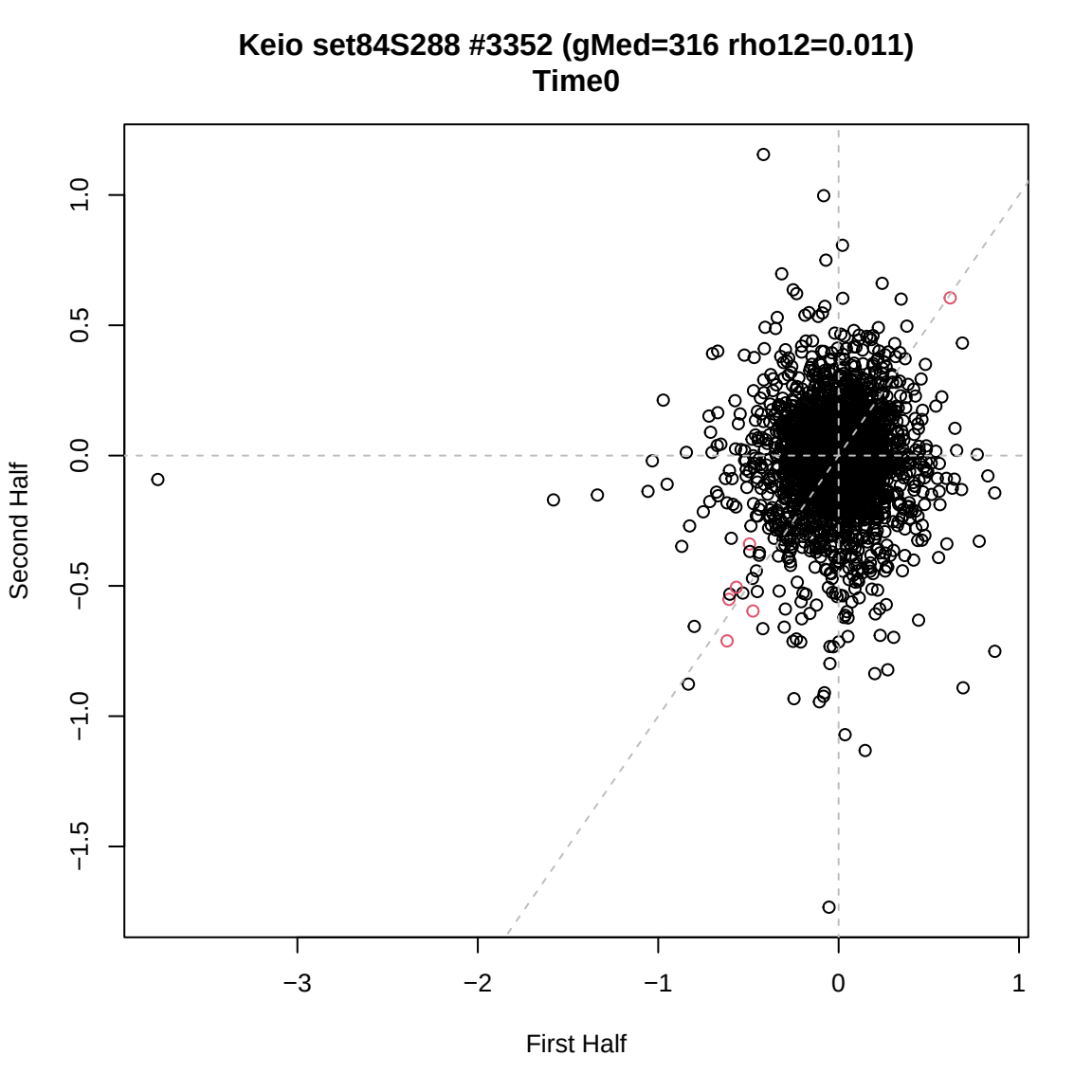

Keio set84S283 #3347 (gMed=231 rho12=0.129)
Bas75
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

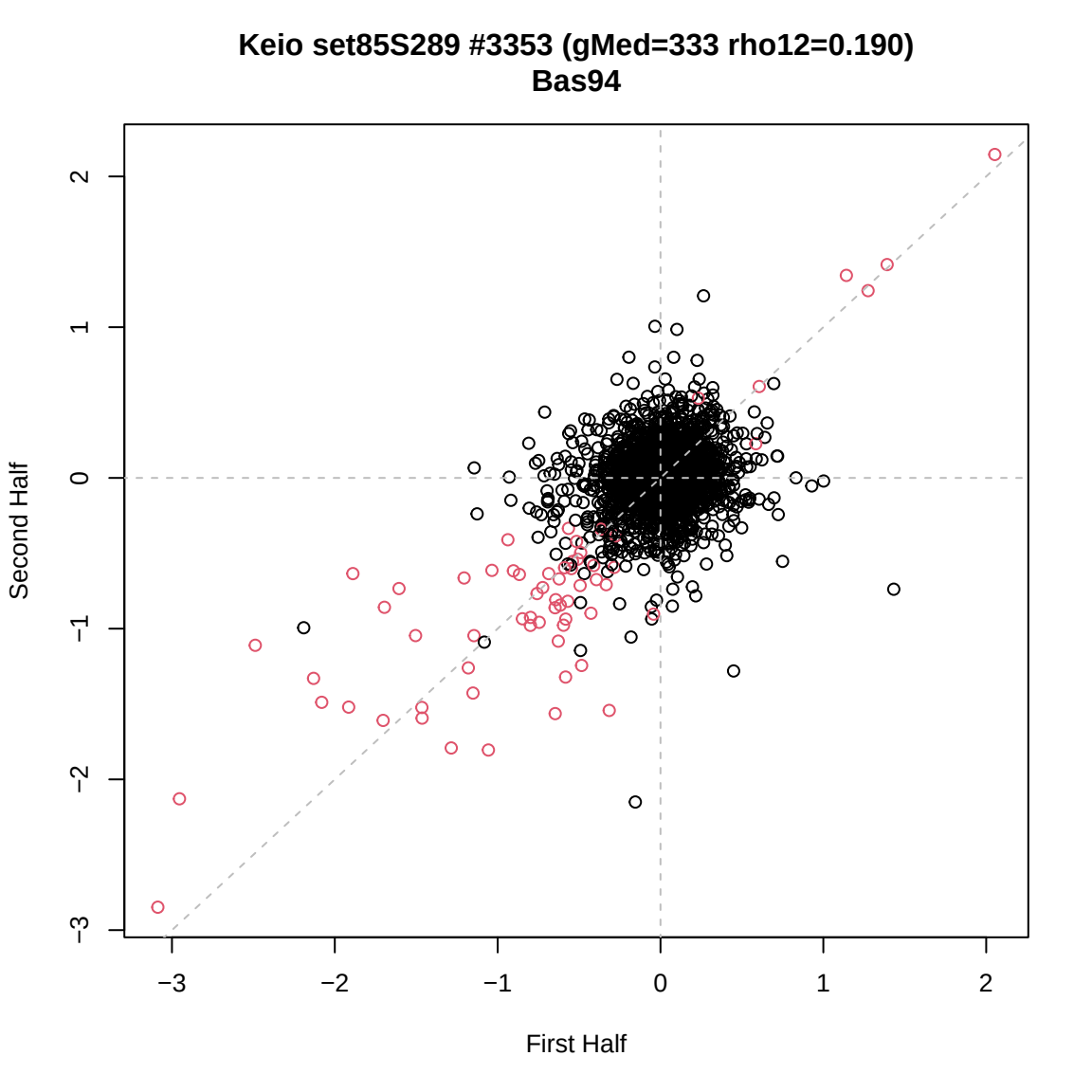

Keio set84S284 #3348 (gMed=216 rho12=0.110)
Bas75
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

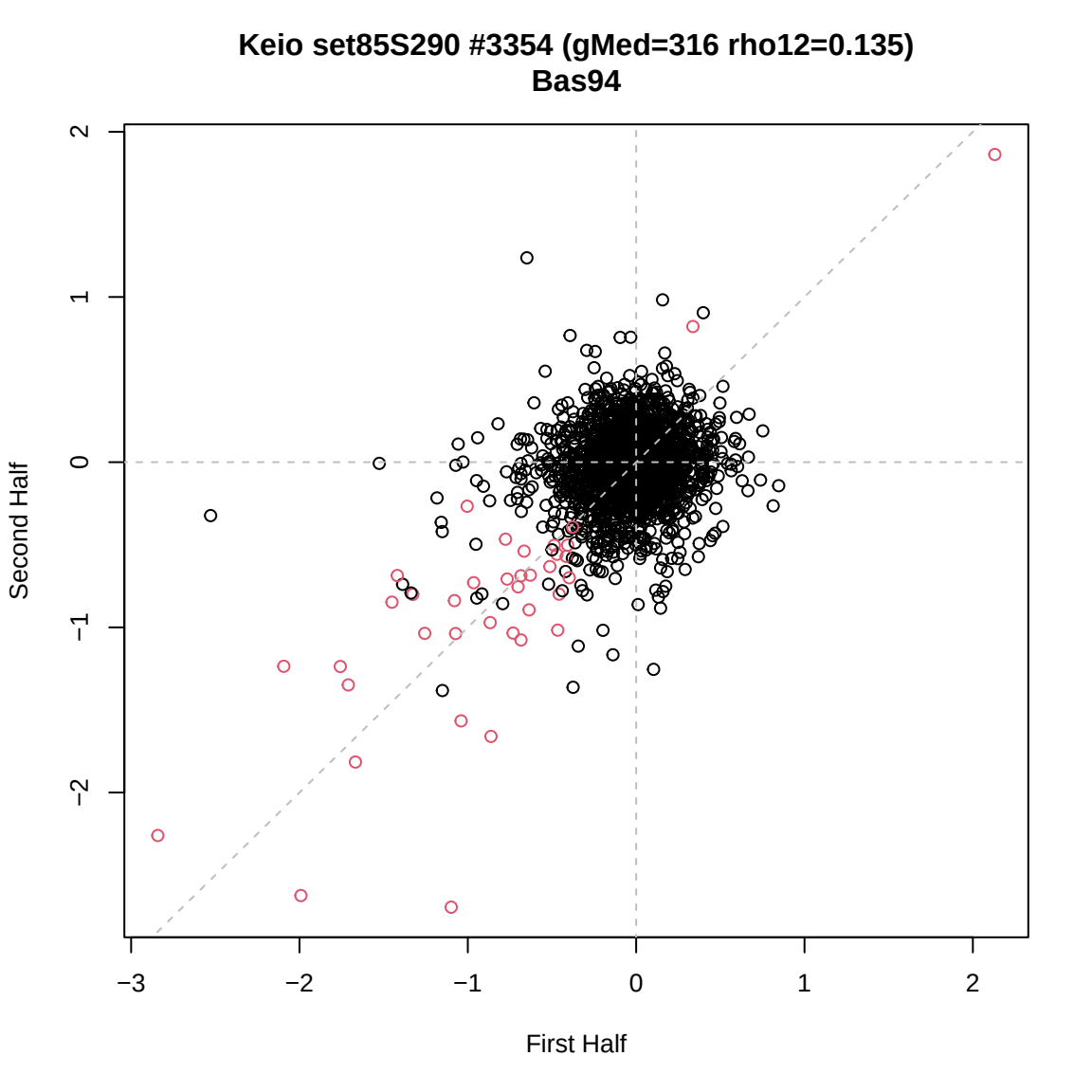

Keio set84S285 #3349 (gMed=279 rho12=0.228)
Bas85
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

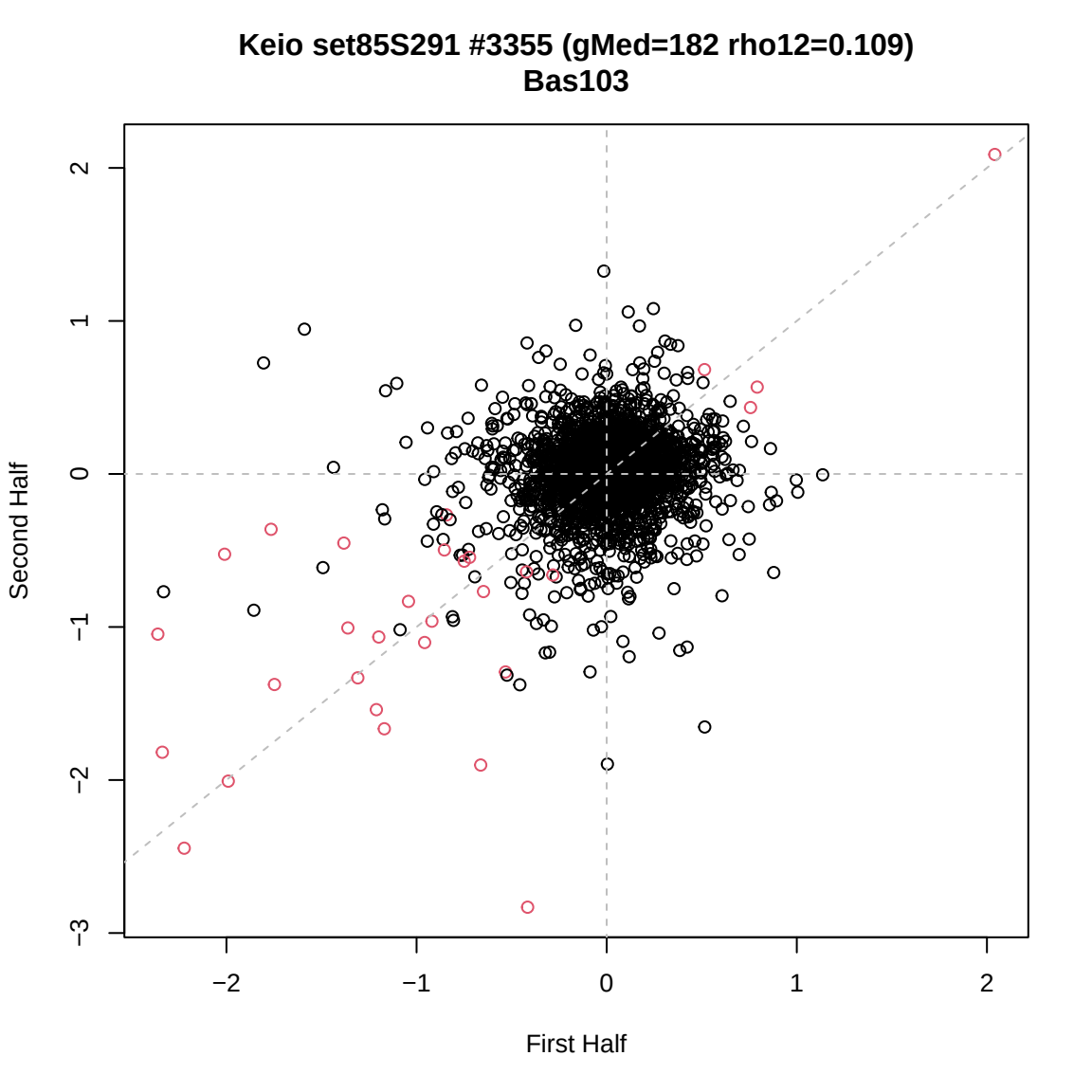

Keio set84S286 #3350 (gMed=306 rho12=0.482)
Bas85
Second Half
First Half
8
6
4
2
0
−2
−2
0
2
4
6
8

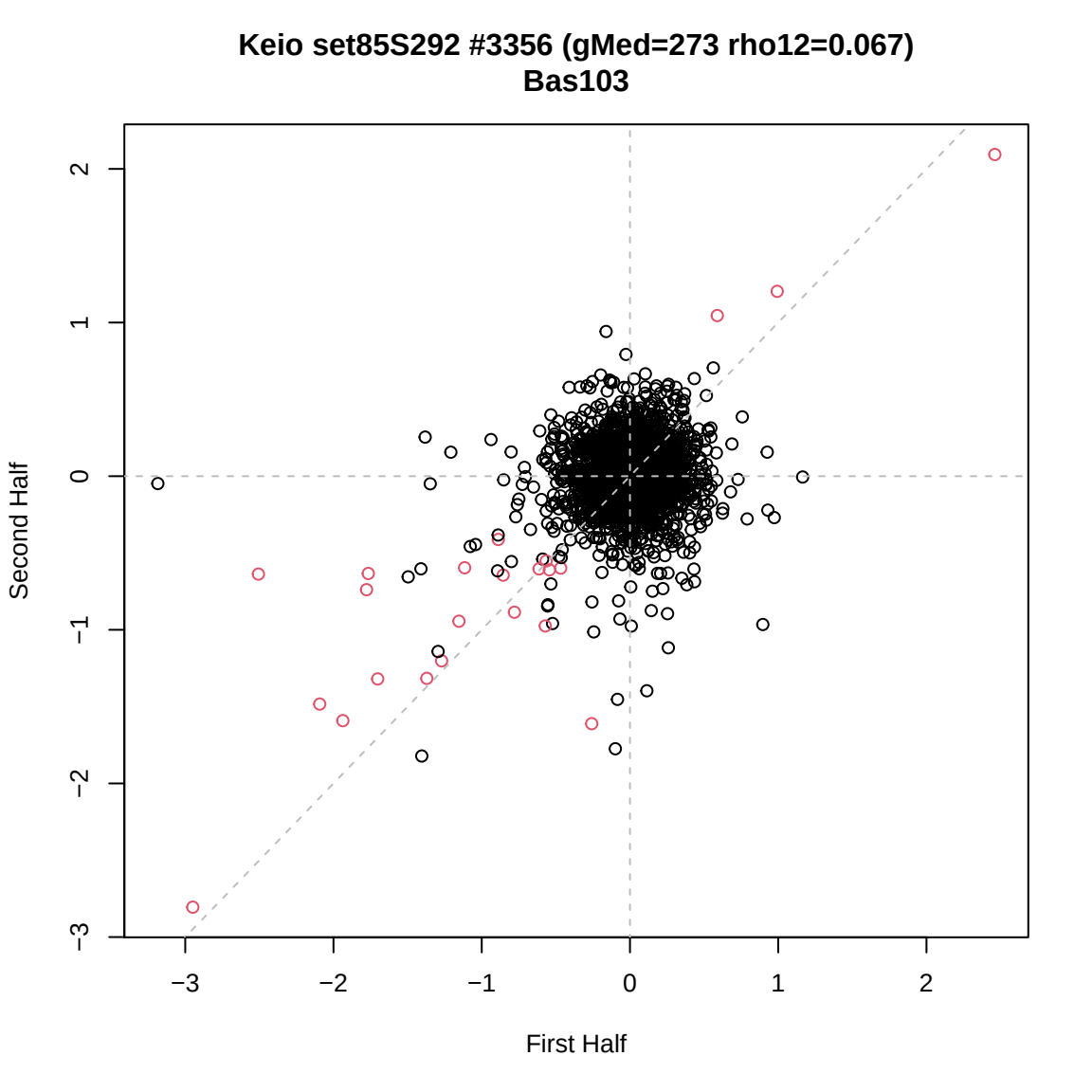

Keio set84S287 #3351 (gMed=295 rho12=0.034)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

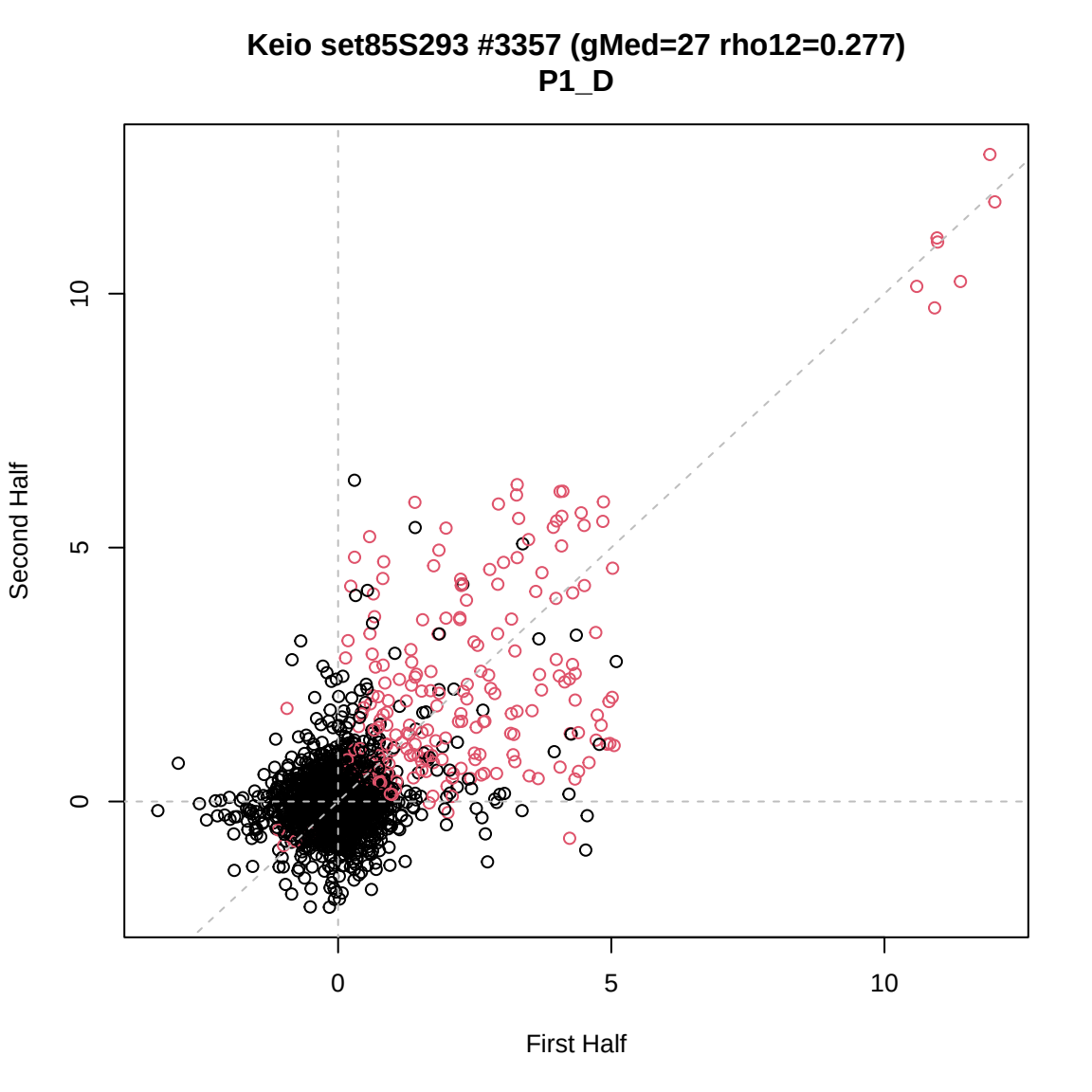

Keio set84S288 #3352 (gMed=316 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

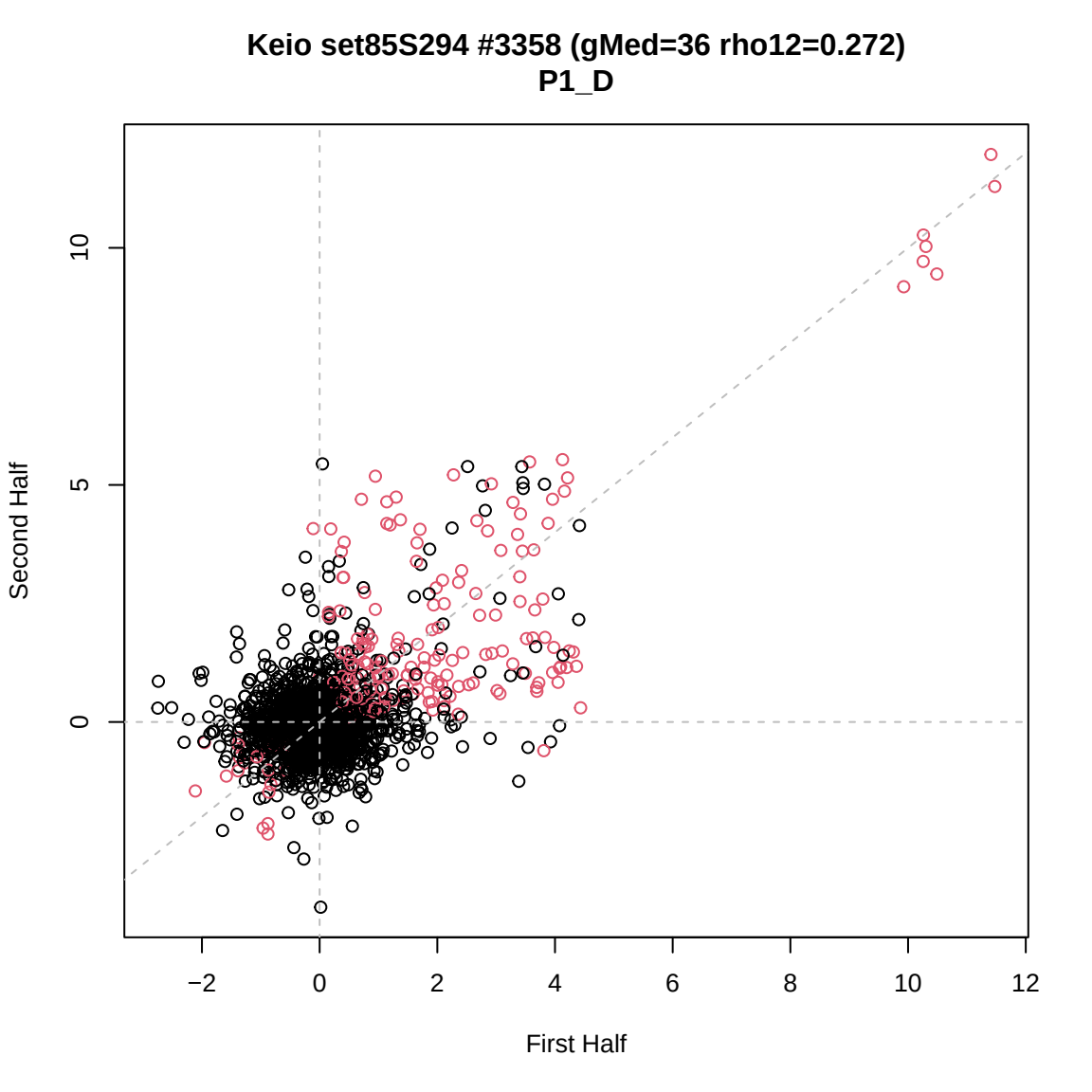

Keio set85S289 #3353 (gMed=333 rho12=0.190)
Bas94
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

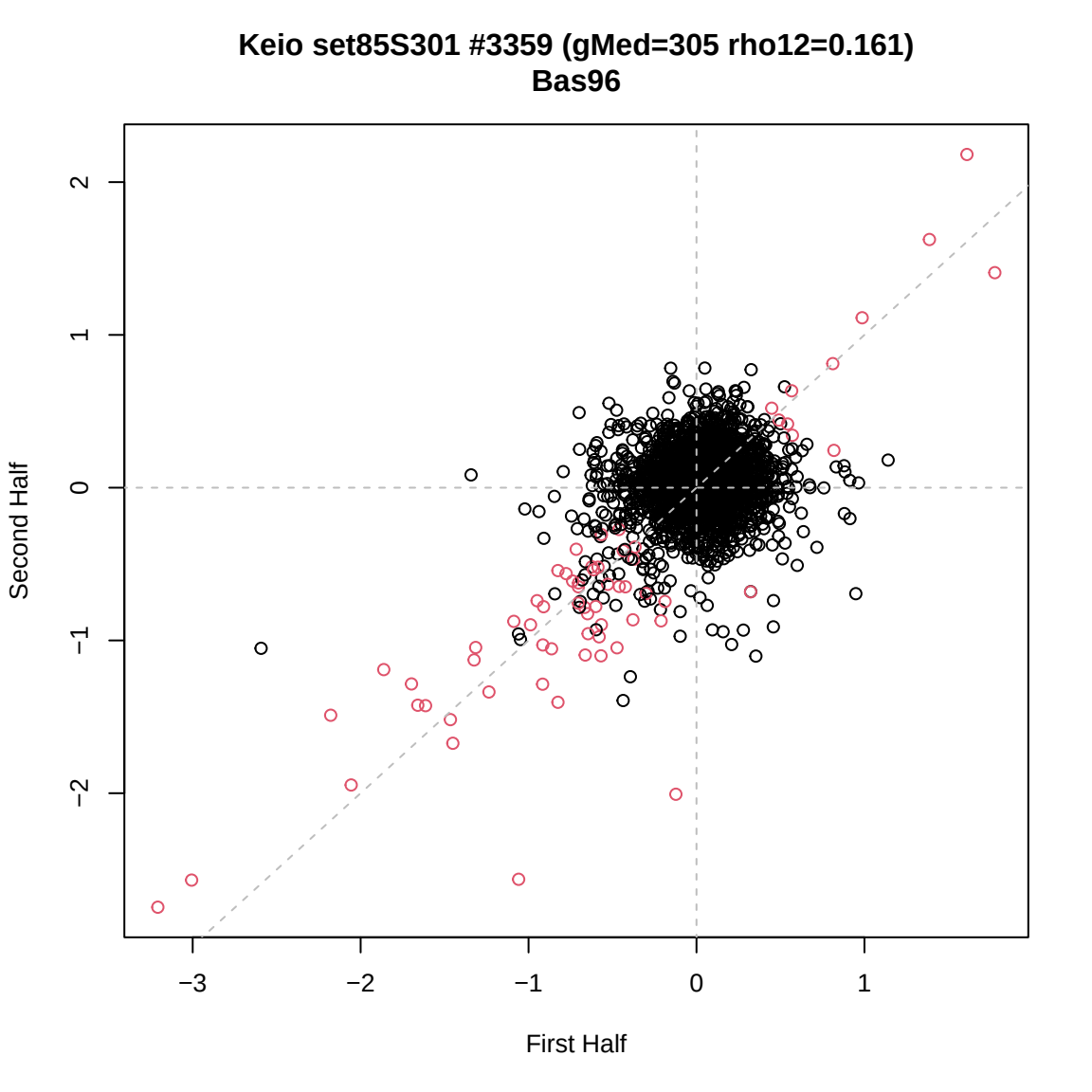

Keio set85S290 #3354 (gMed=316 rho12=0.135)
Bas94
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

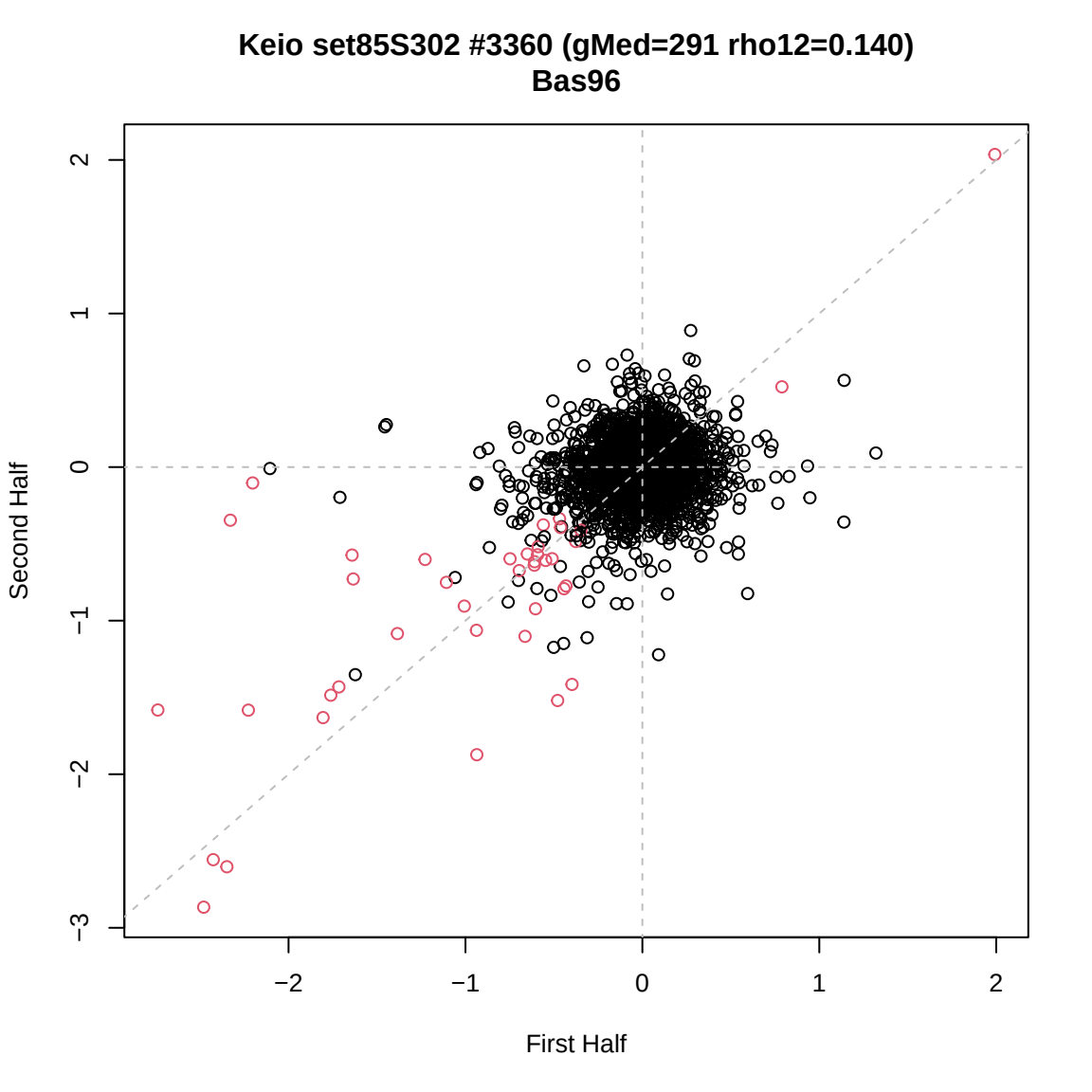

Keio set85S291 #3355 (gMed=182 rho12=0.109)
Bas103
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

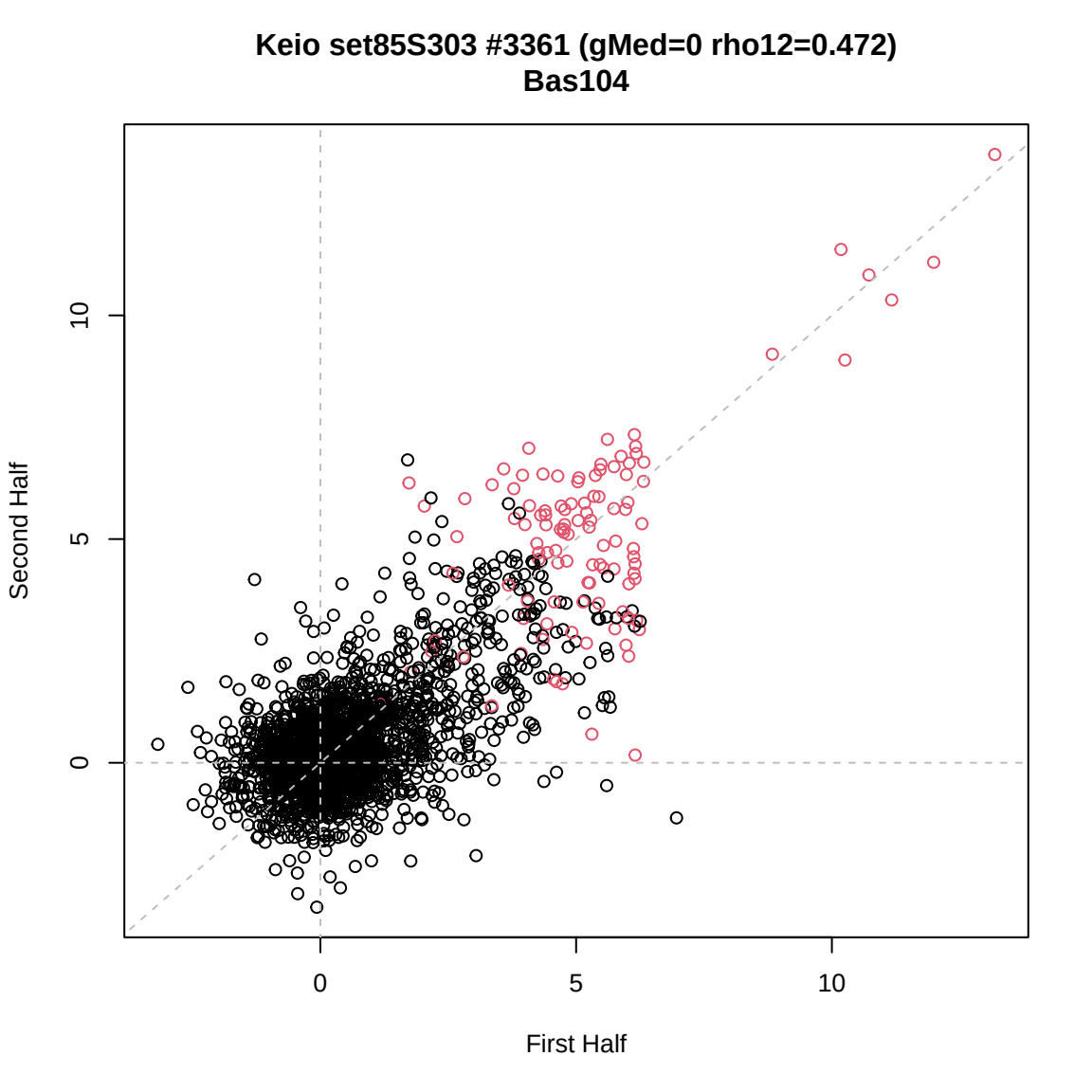

Keio set85S292 #3356 (gMed=273 rho12=0.067)
Bas103
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

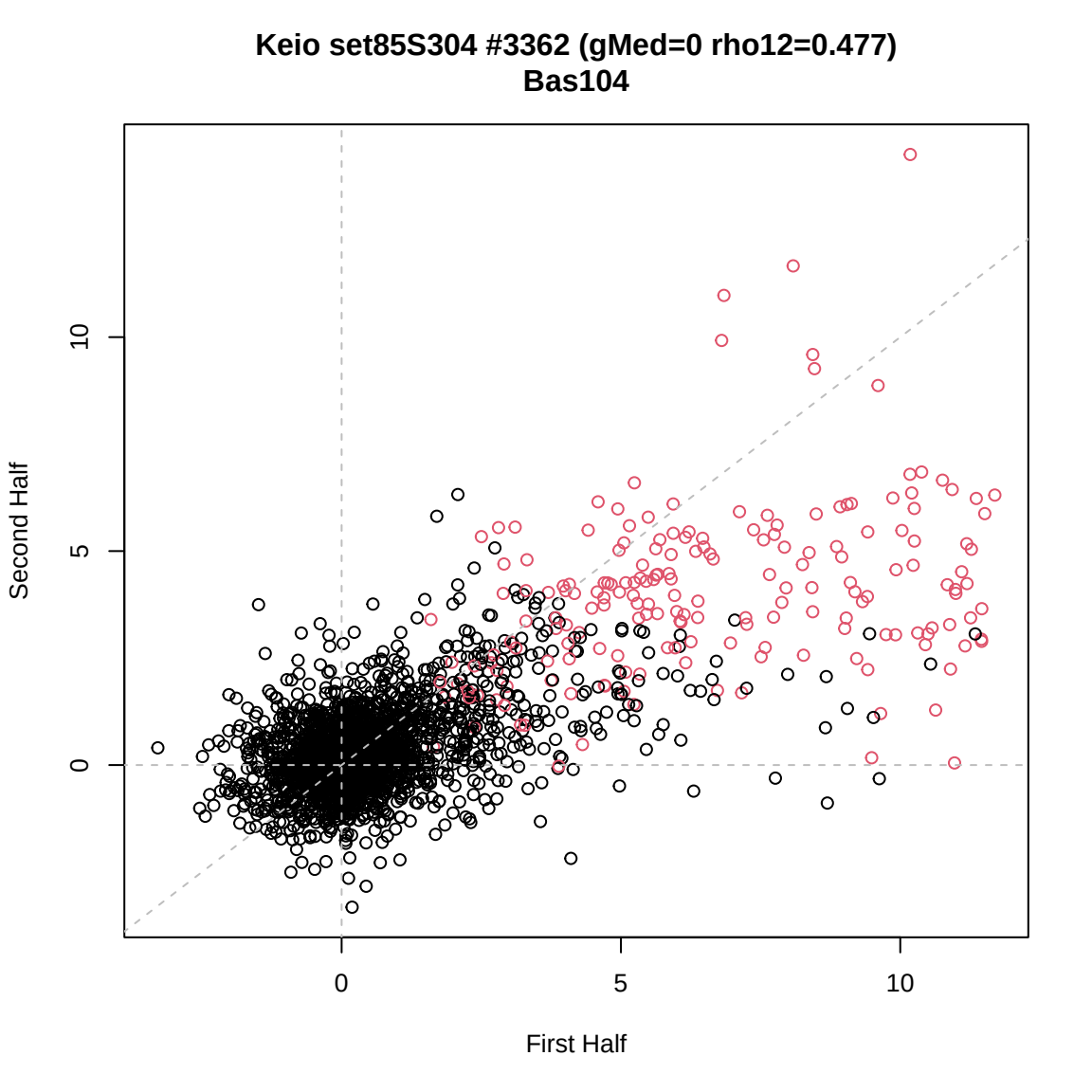

Keio set85S293 #3357 (gMed=27 rho12=0.277)
P1_D
Second Half
First Half
0
5
10
0
5
10

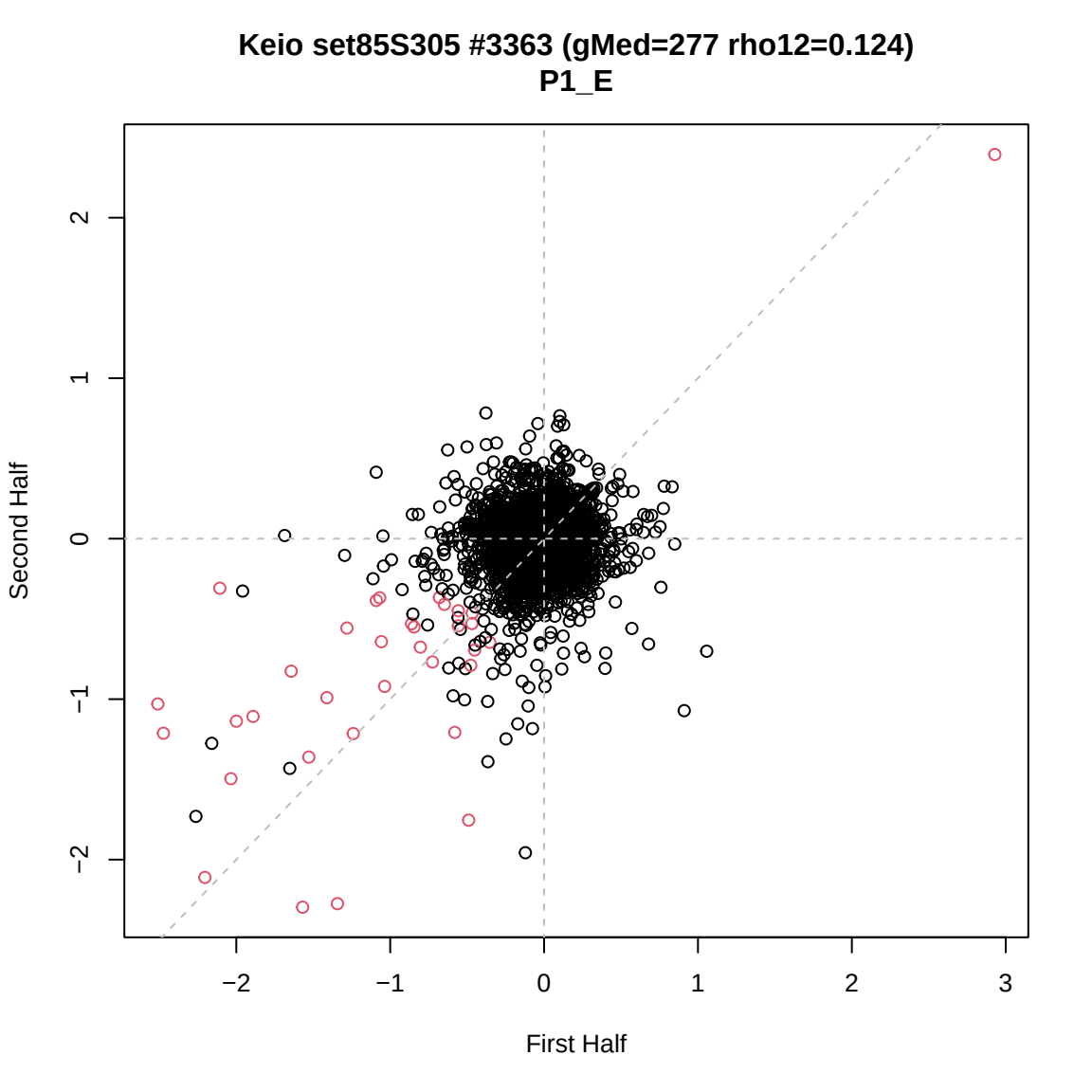

Keio set85S294 #3358 (gMed=36 rho12=0.272)
P1_D
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10
12

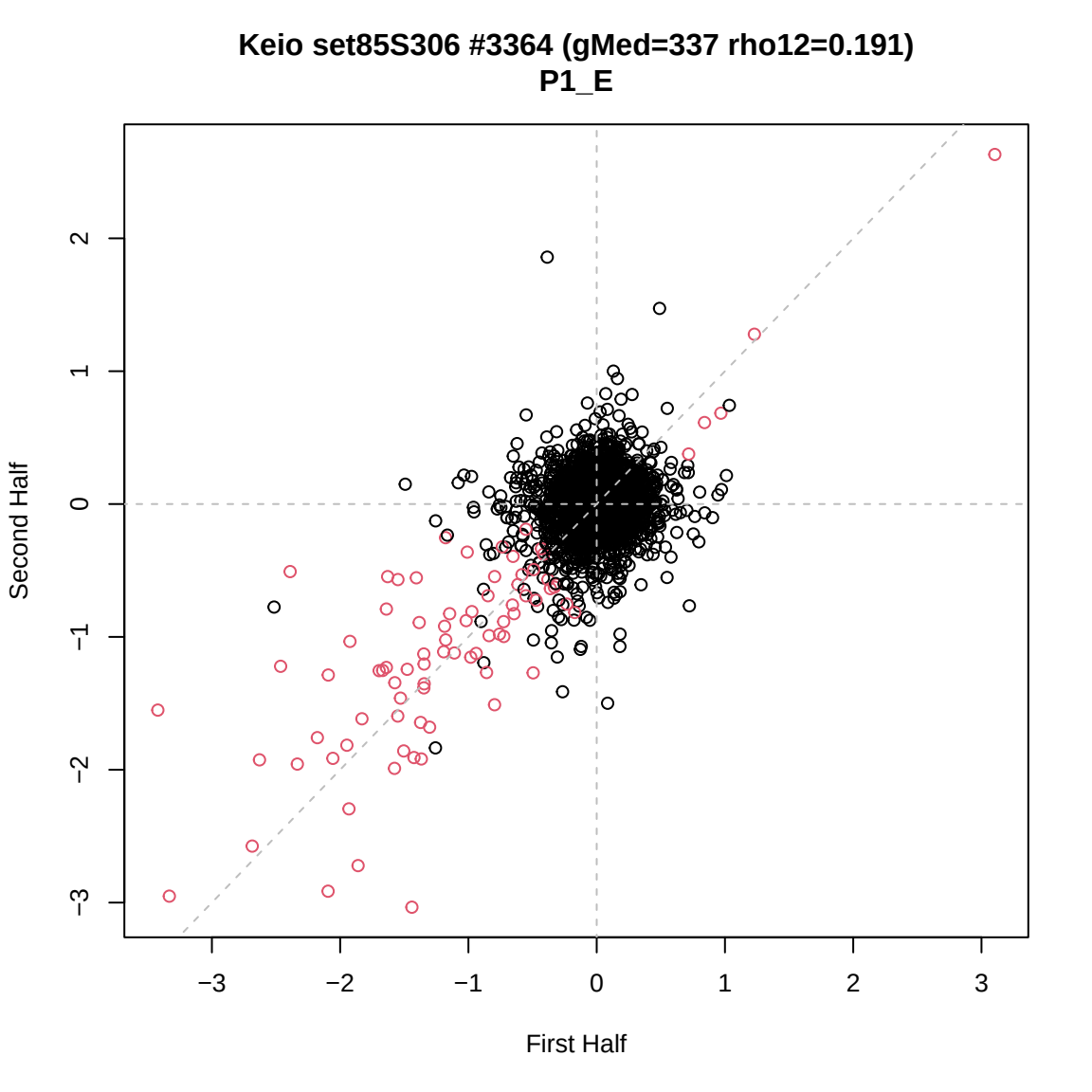

Keio set85S301 #3359 (gMed=305 rho12=0.161)
Bas96
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1

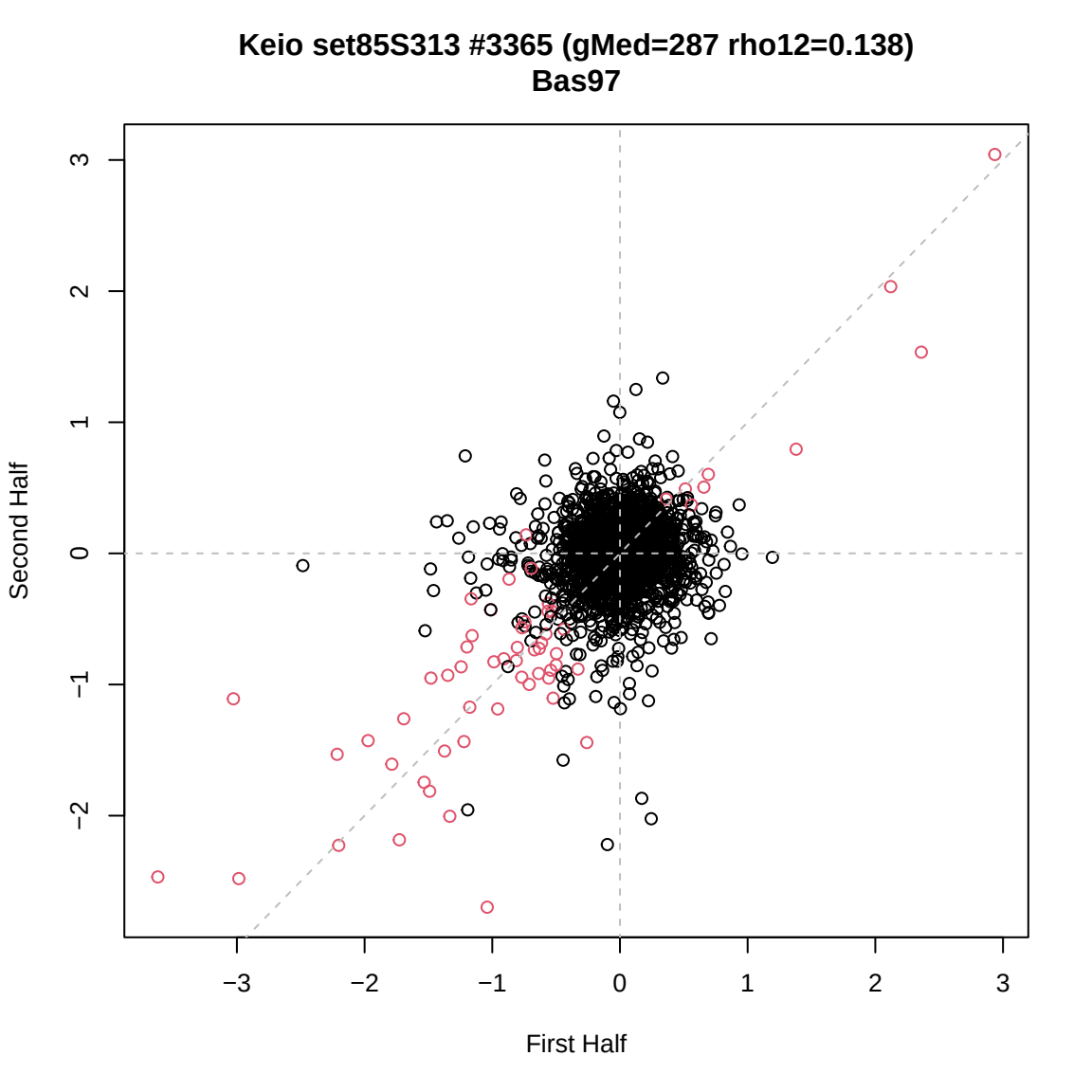

Keio set85S302 #3360 (gMed=291 rho12=0.140)
Bas96
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

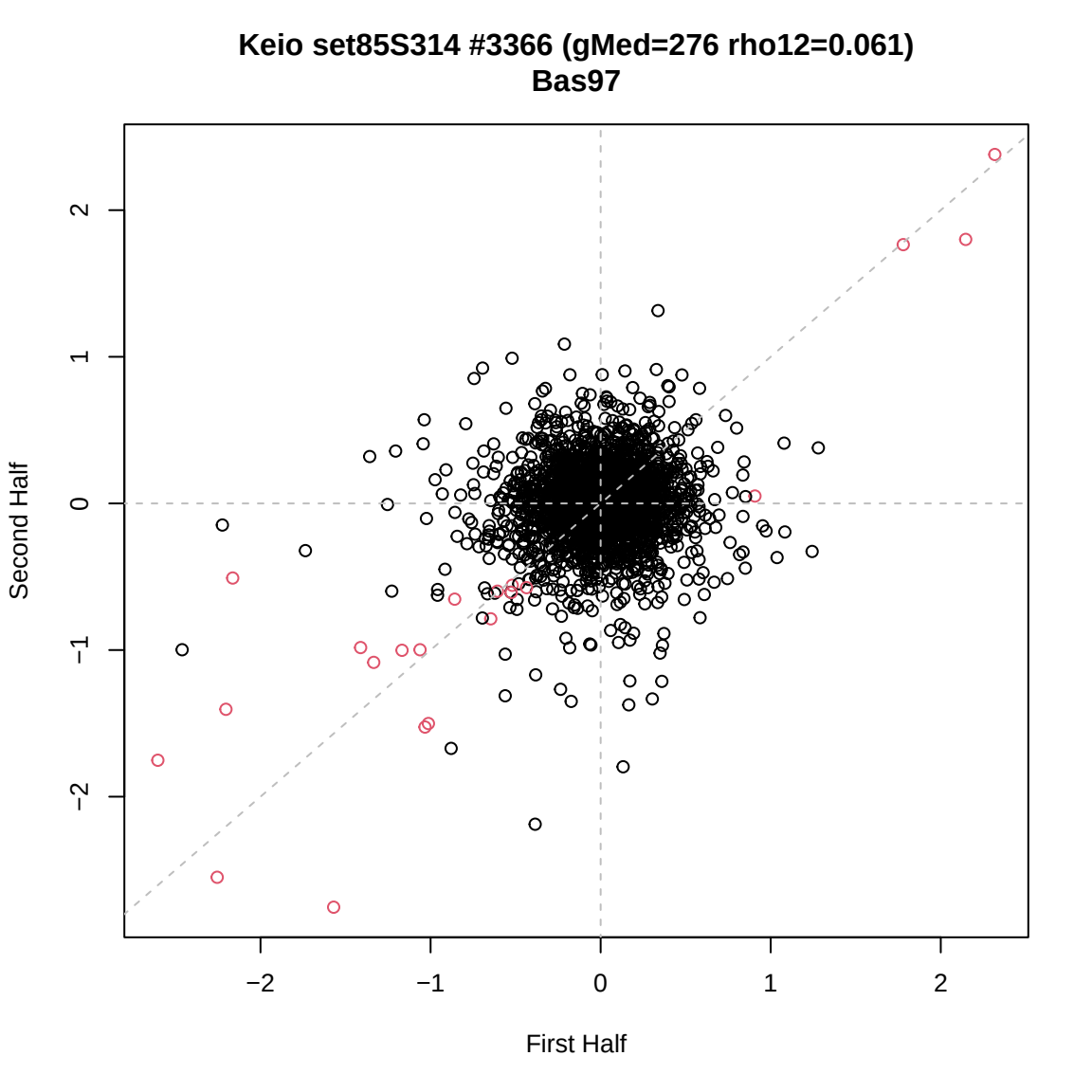

Keio set85S303 #3361 (gMed=0 rho12=0.472)
Bas104
Second Half
First Half
0
5
10
0
5
10

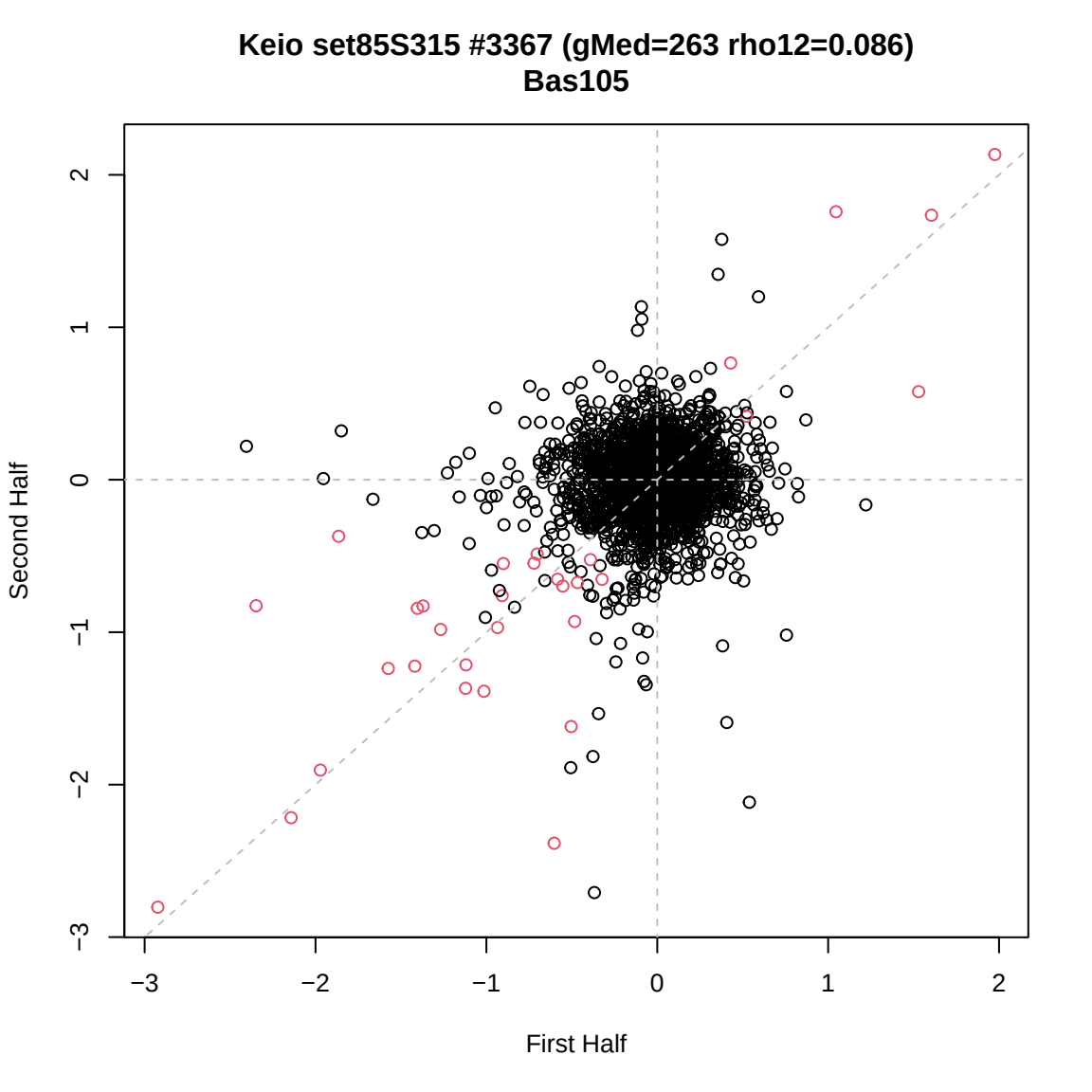

Keio set85S304 #3362 (gMed=0 rho12=0.477)
Bas104
Second Half
First Half
0
5
10
0
5
10

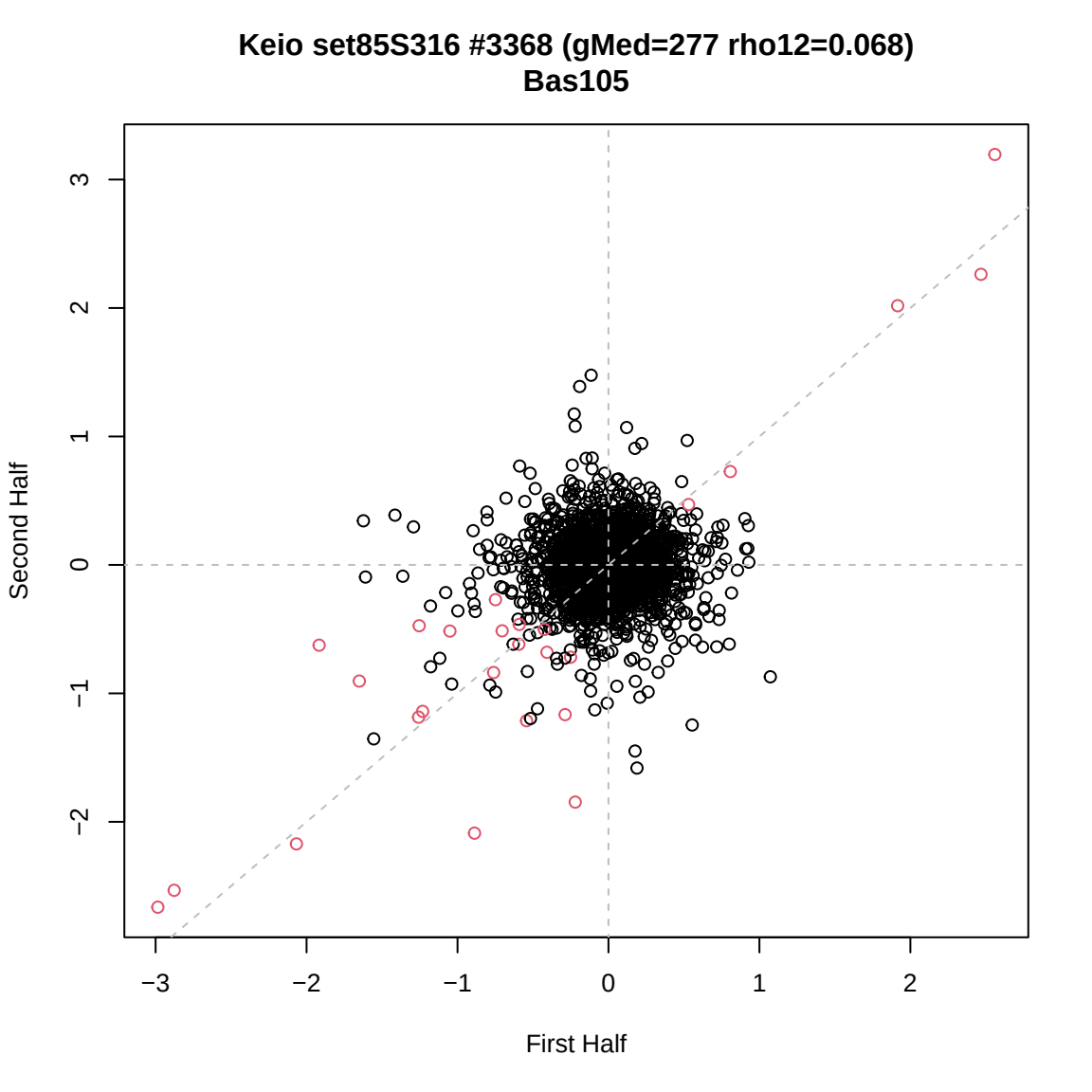

Keio set85S305 #3363 (gMed=277 rho12=0.124)
P1_E
Second Half
First Half
−2
−1
0
1
2
3

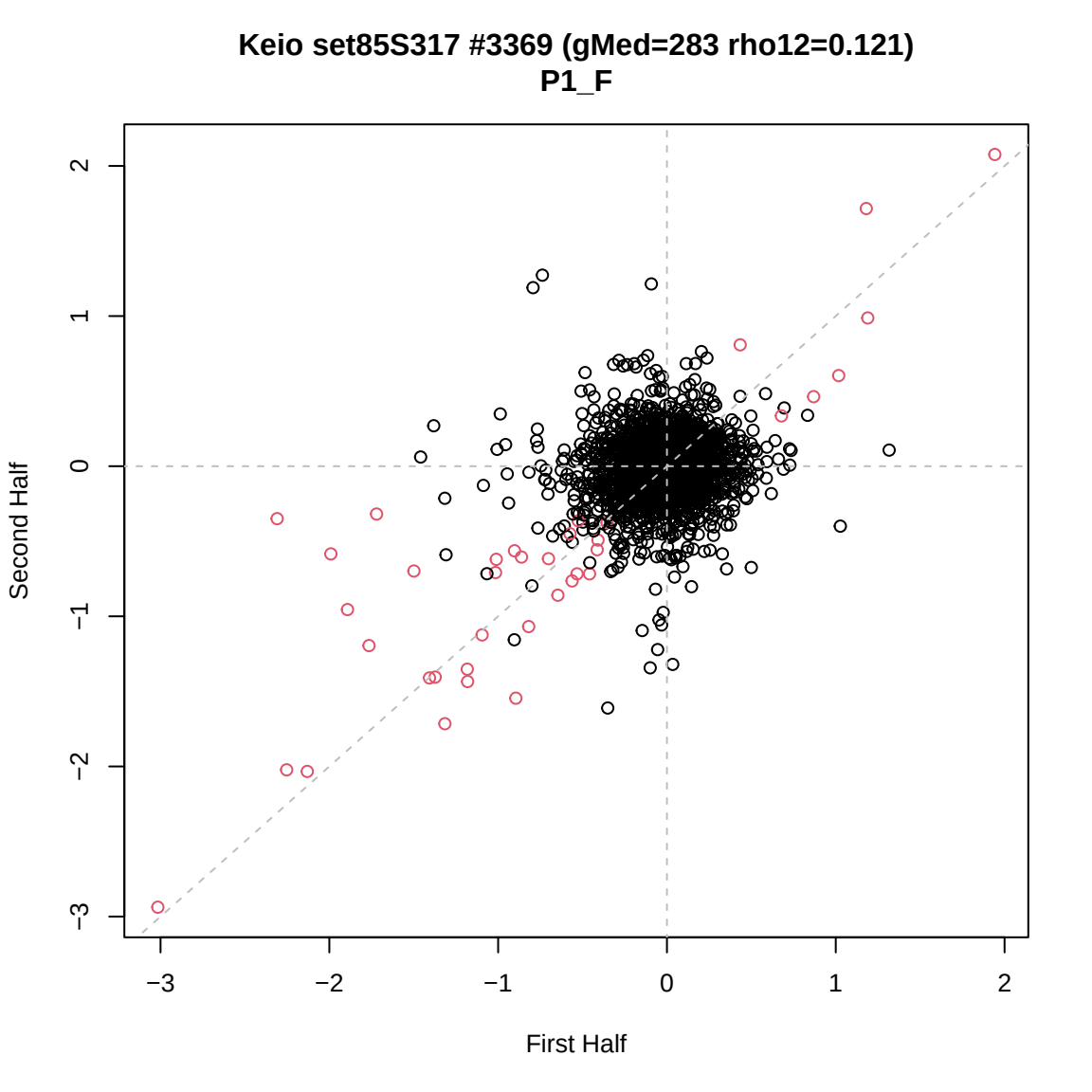

Keio set85S306 #3364 (gMed=337 rho12=0.191)
P1_E
Second Half
First Half
−3
−2
−1
0
1
2
3

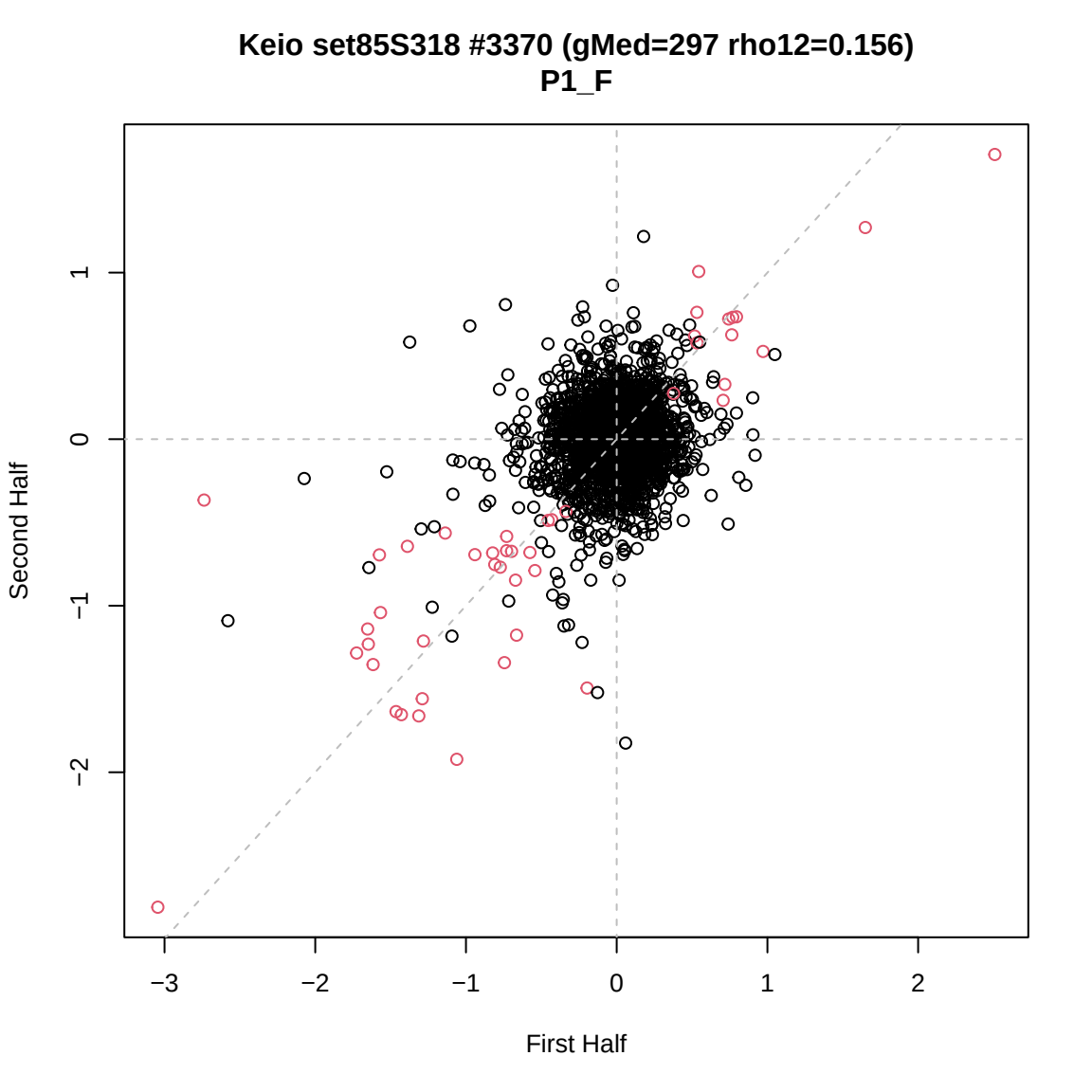

Keio set85S313 #3365 (gMed=287 rho12=0.138)
Bas97
Second Half
First Half
3
2
1
0
−1
−2
−3

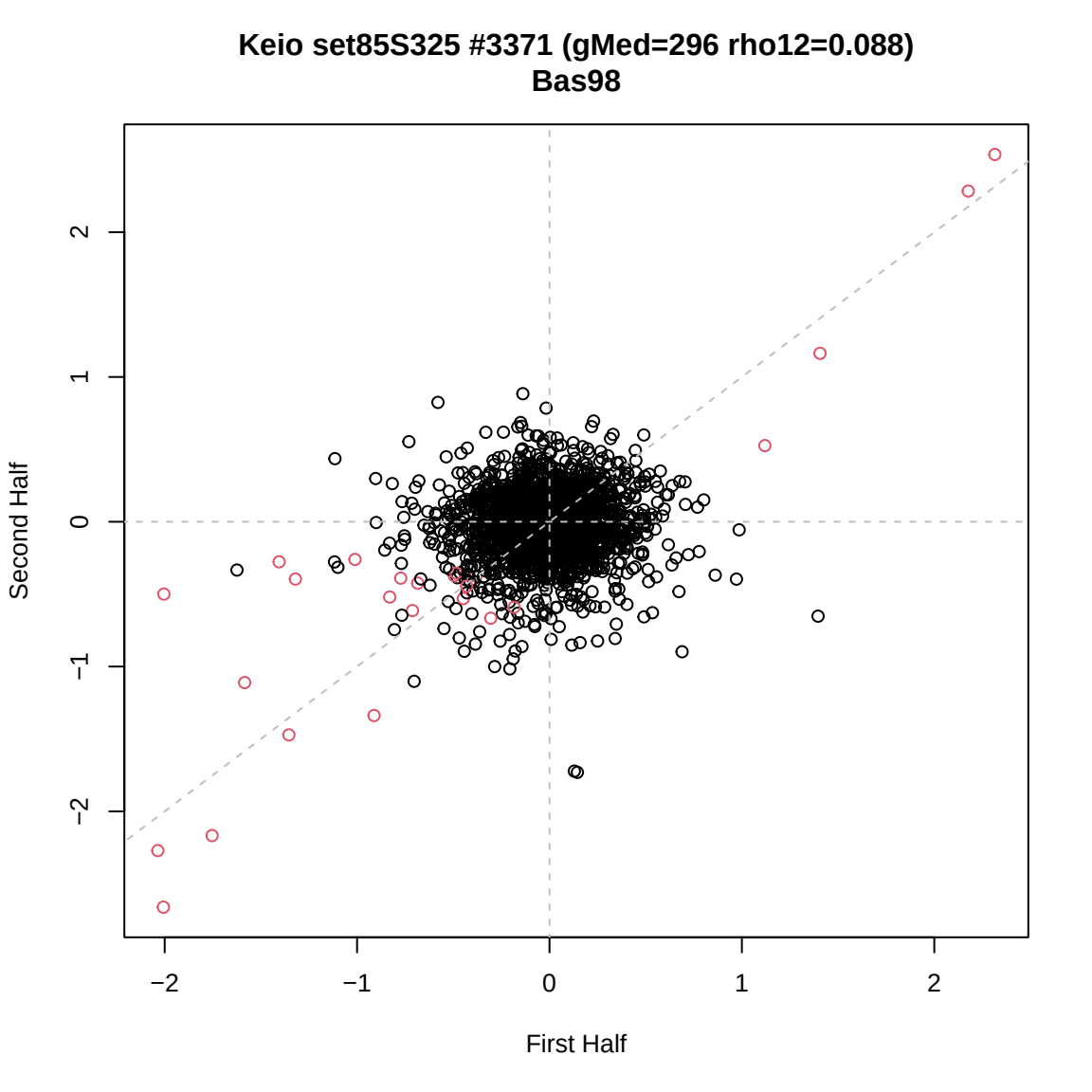

Keio set85S314 #3366 (gMed=276 rho12=0.061)
Bas97
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

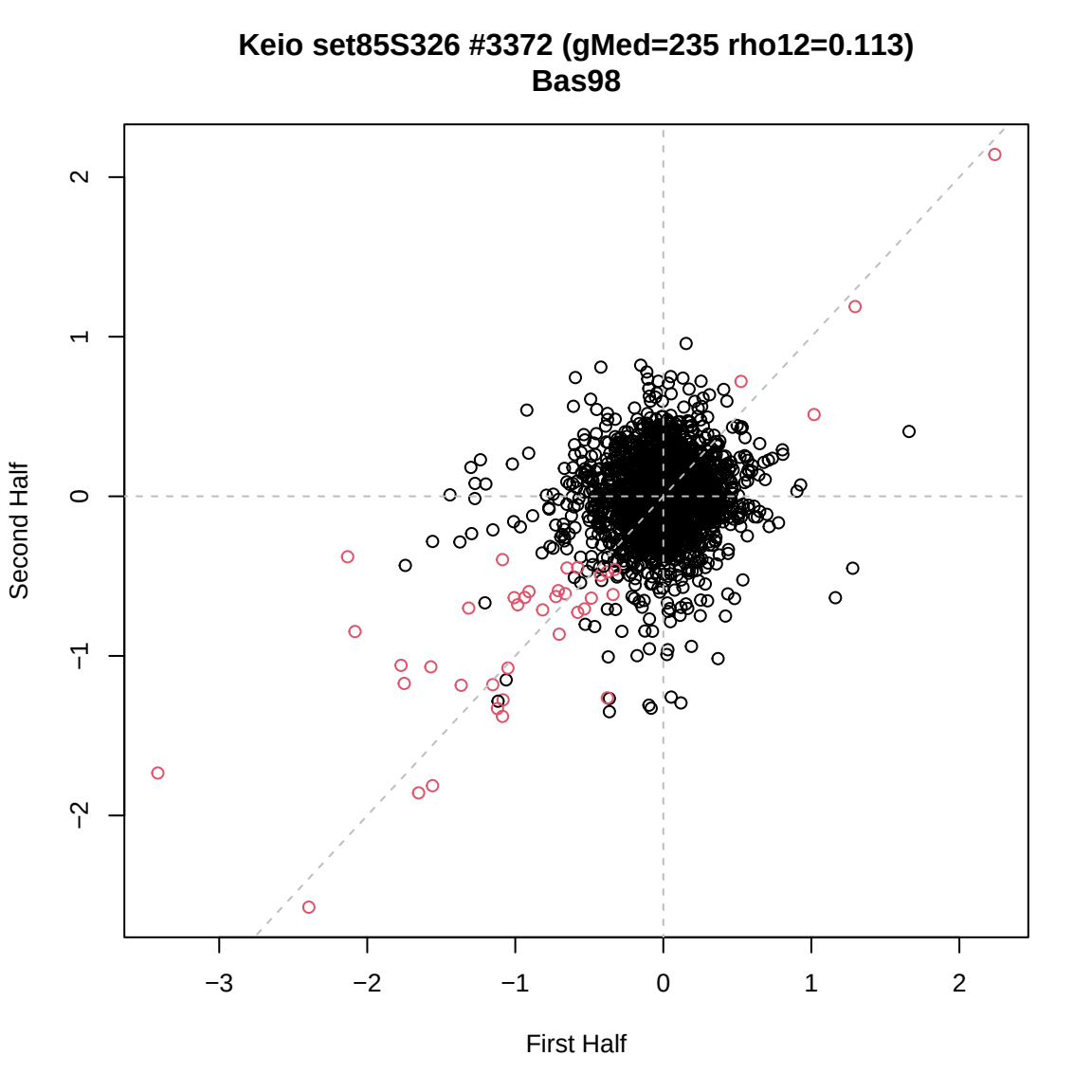

Keio set85S315 #3367 (gMed=263 rho12=0.086)
Bas105
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

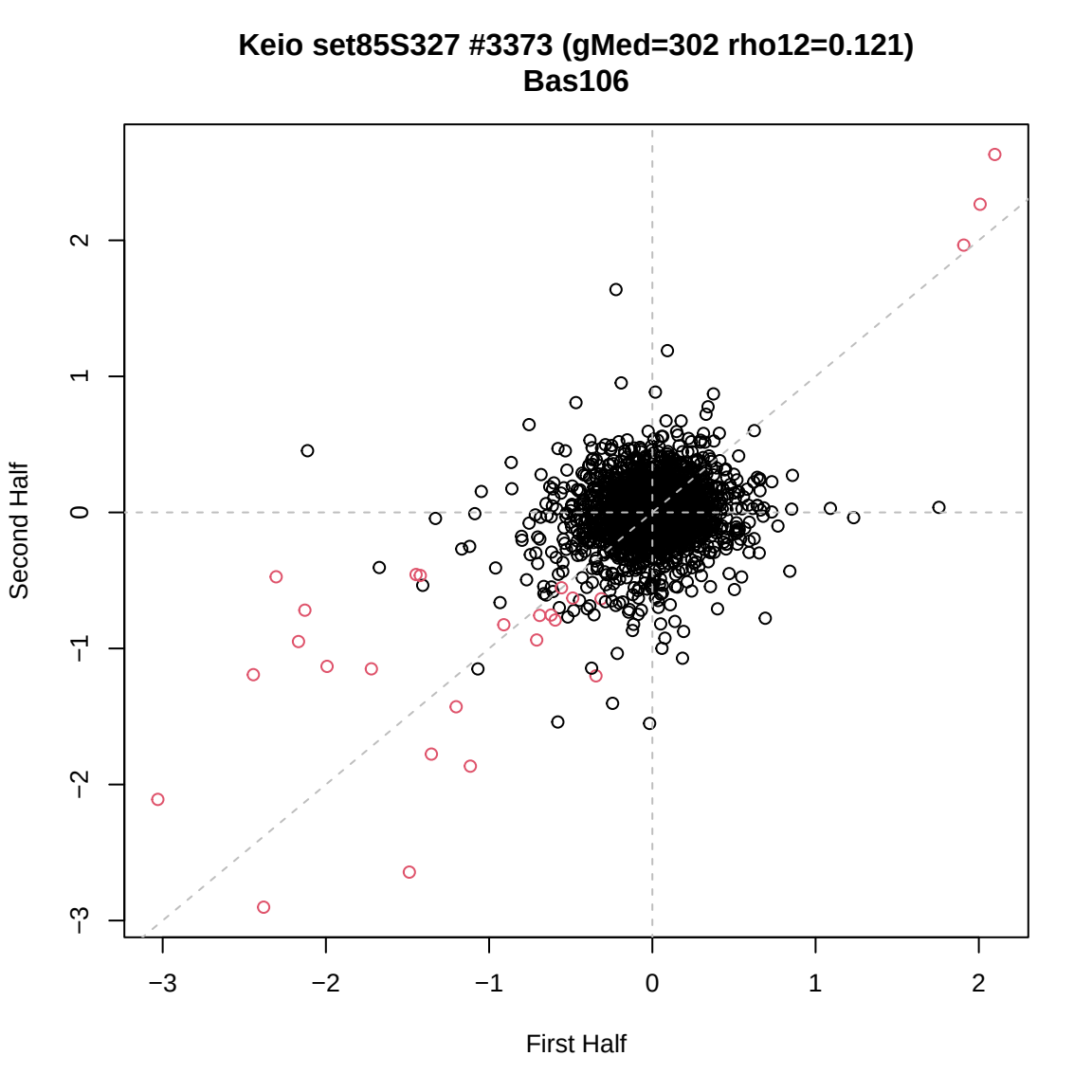

Keio set85S316 #3368 (gMed=277 rho12=0.068)
Bas105
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2

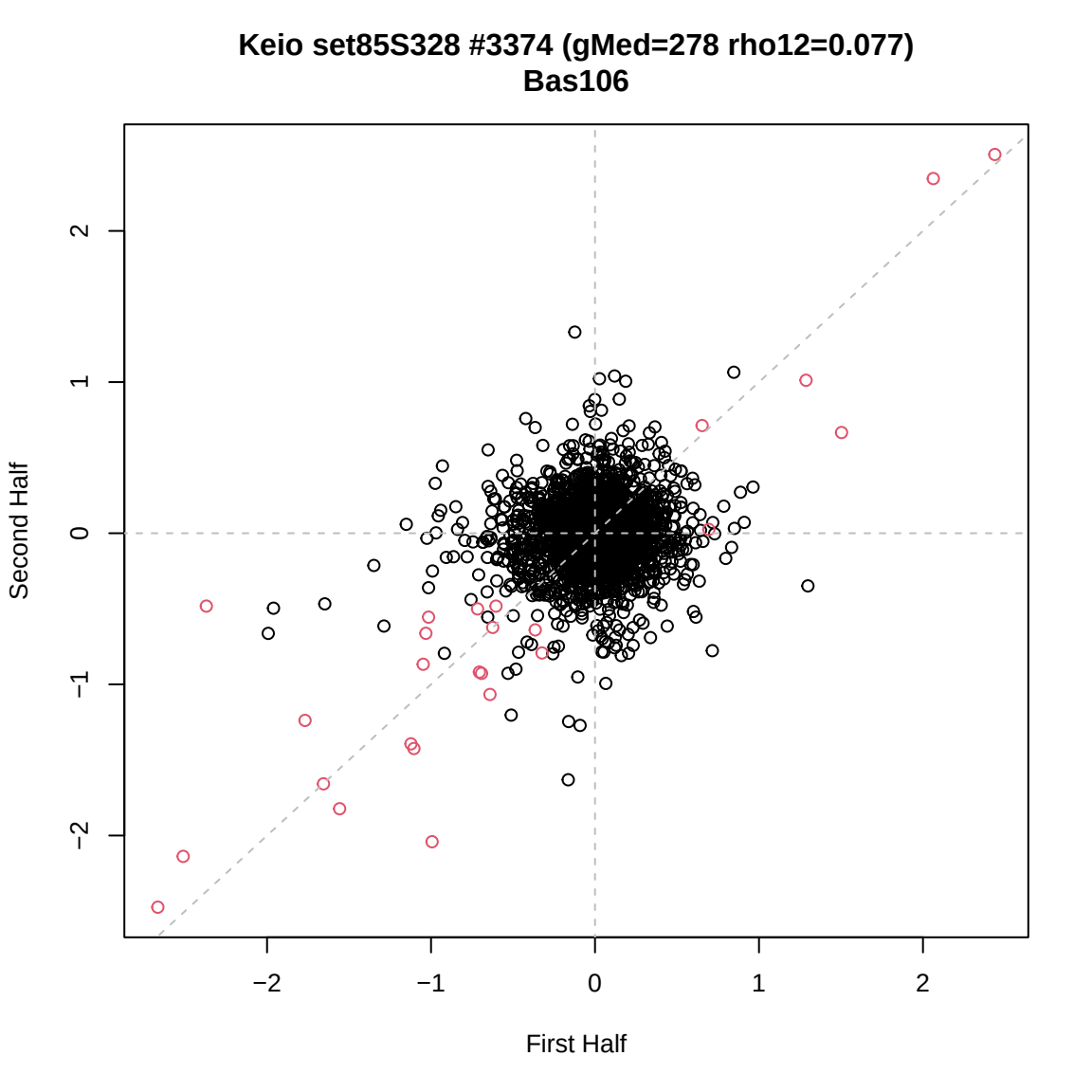

Keio set85S317 #3369 (gMed=283 rho12=0.121)
P1_F
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

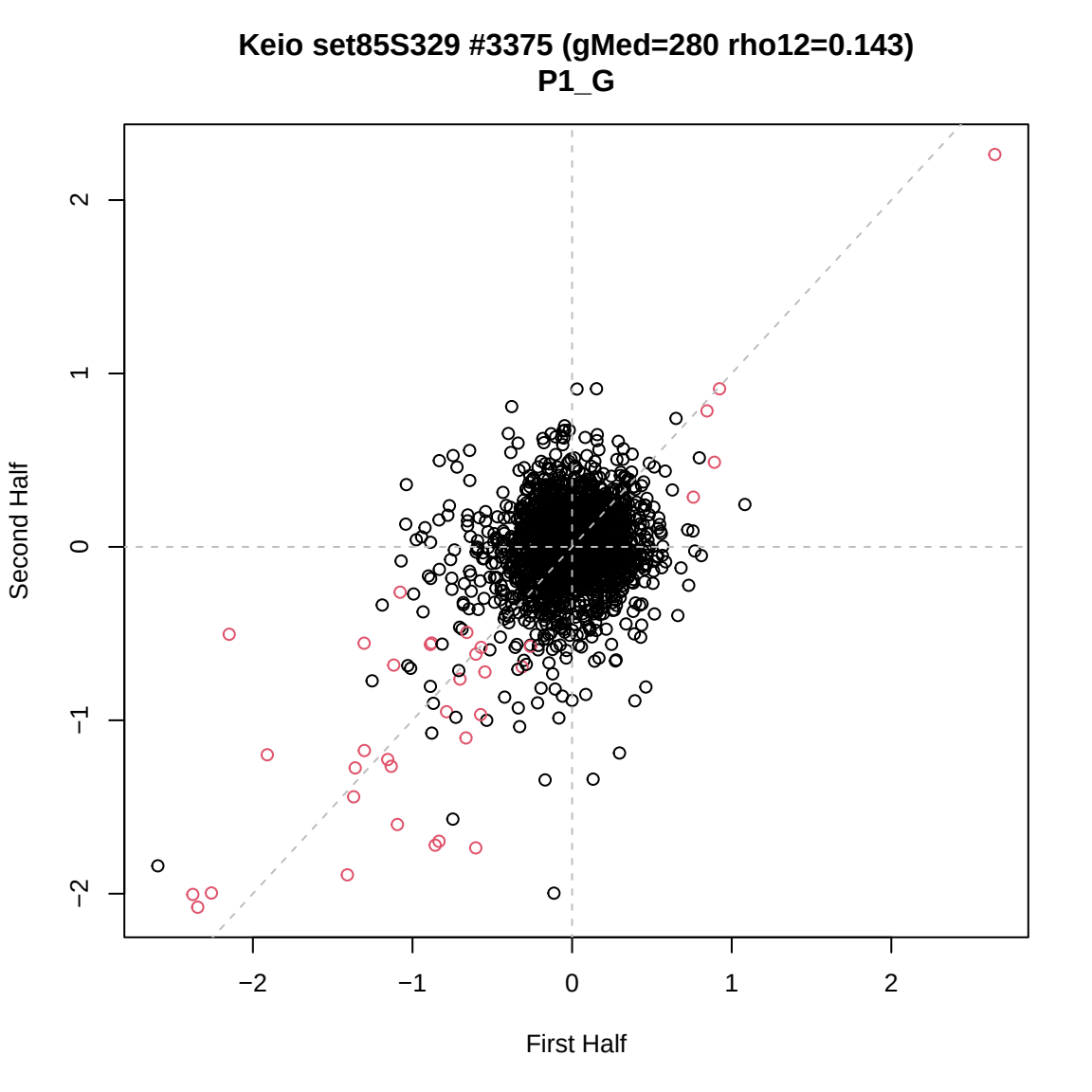

Keio set85S318 #3370 (gMed=297 rho12=0.156)
P1_F
Second Half
First Half
−3
−2
−1
0
1
2
−2
−1
0
1

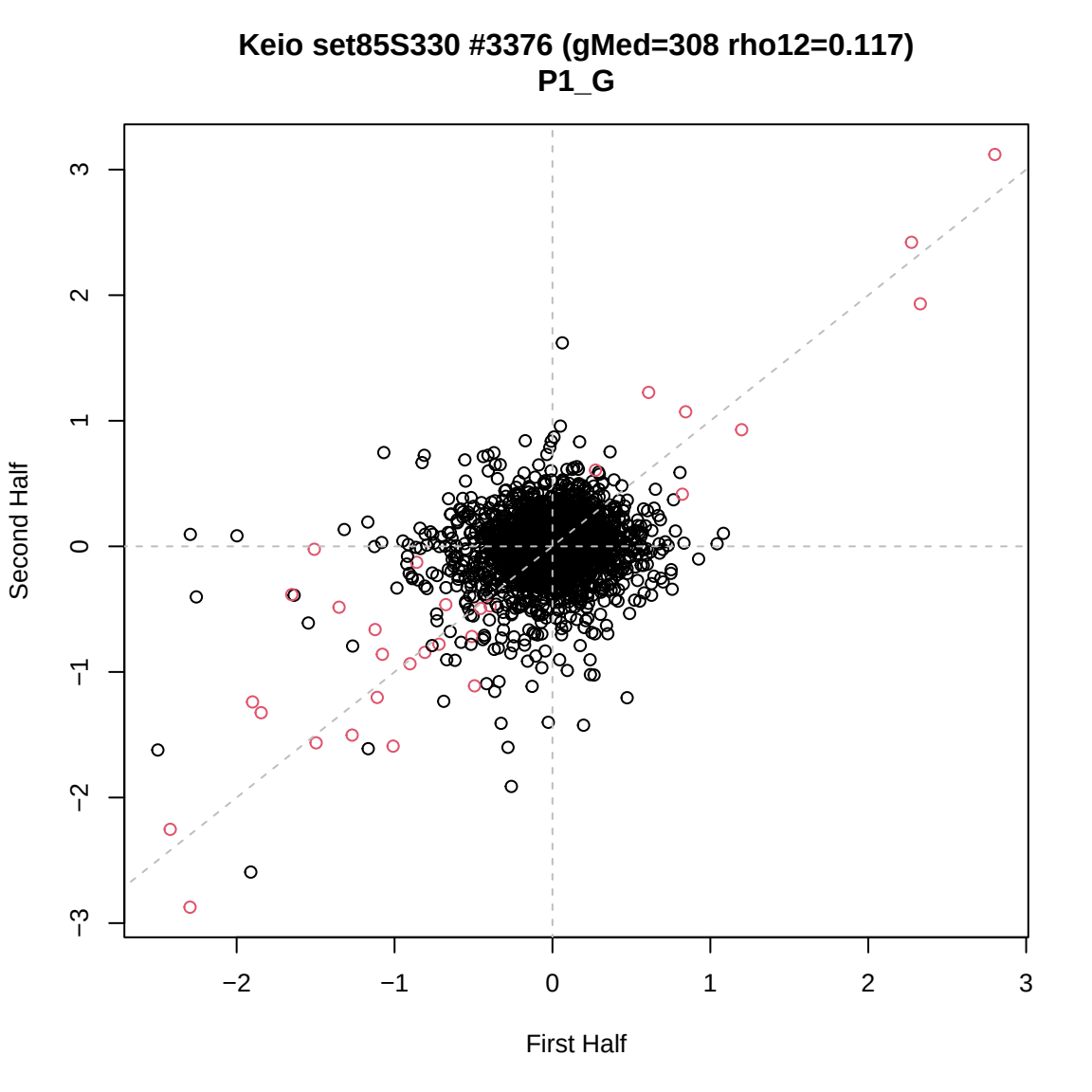

Keio set85S325 #3371 (gMed=296 rho12=0.088)
Bas98
Second Half
First Half
−2
−1
0
1
2

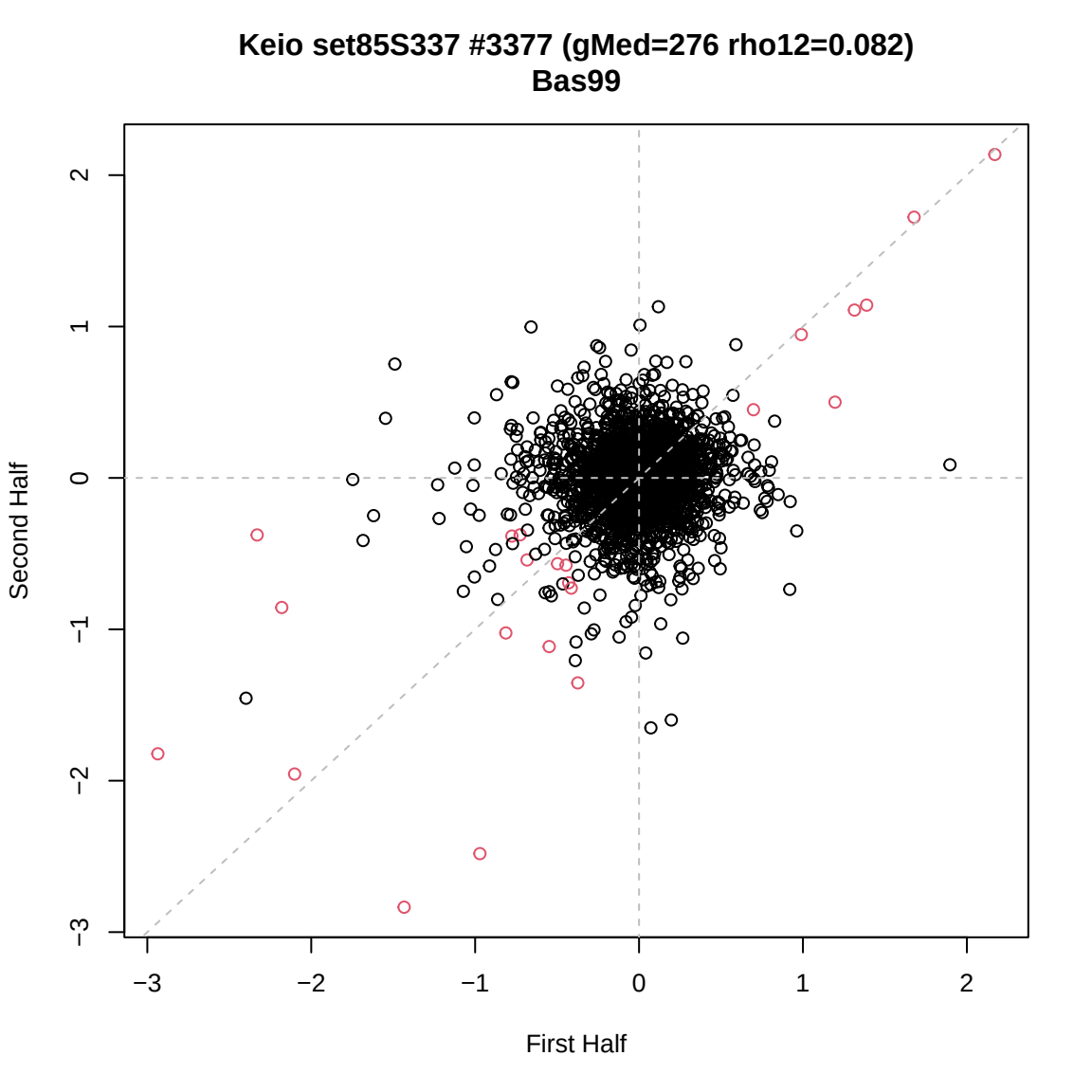

Keio set85S326 #3372 (gMed=235 rho12=0.113)
Bas98
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

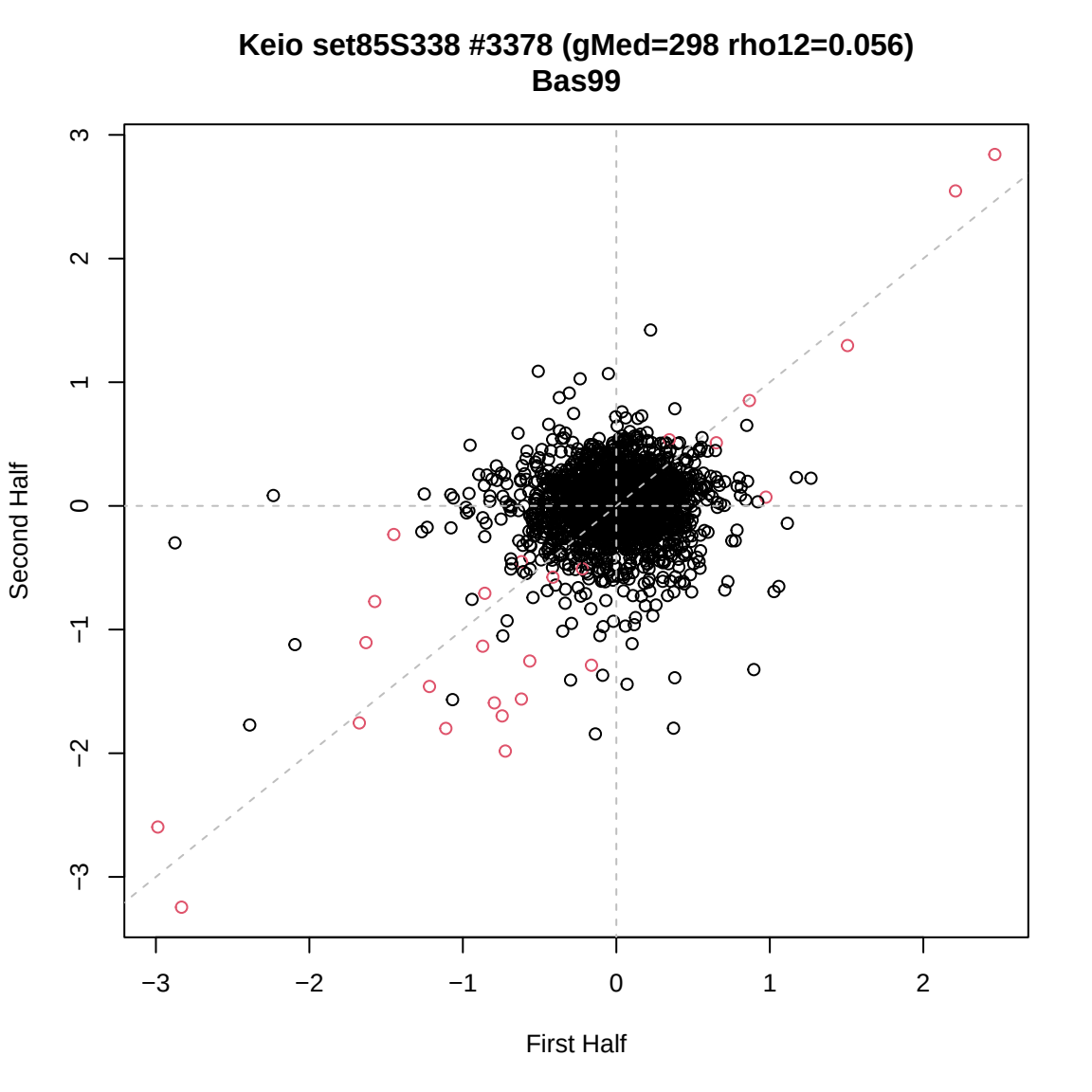

Keio set85S327 #3373 (gMed=302 rho12=0.121)
Bas106
Second Half
First Half
−3
−2
−1
0
1
2

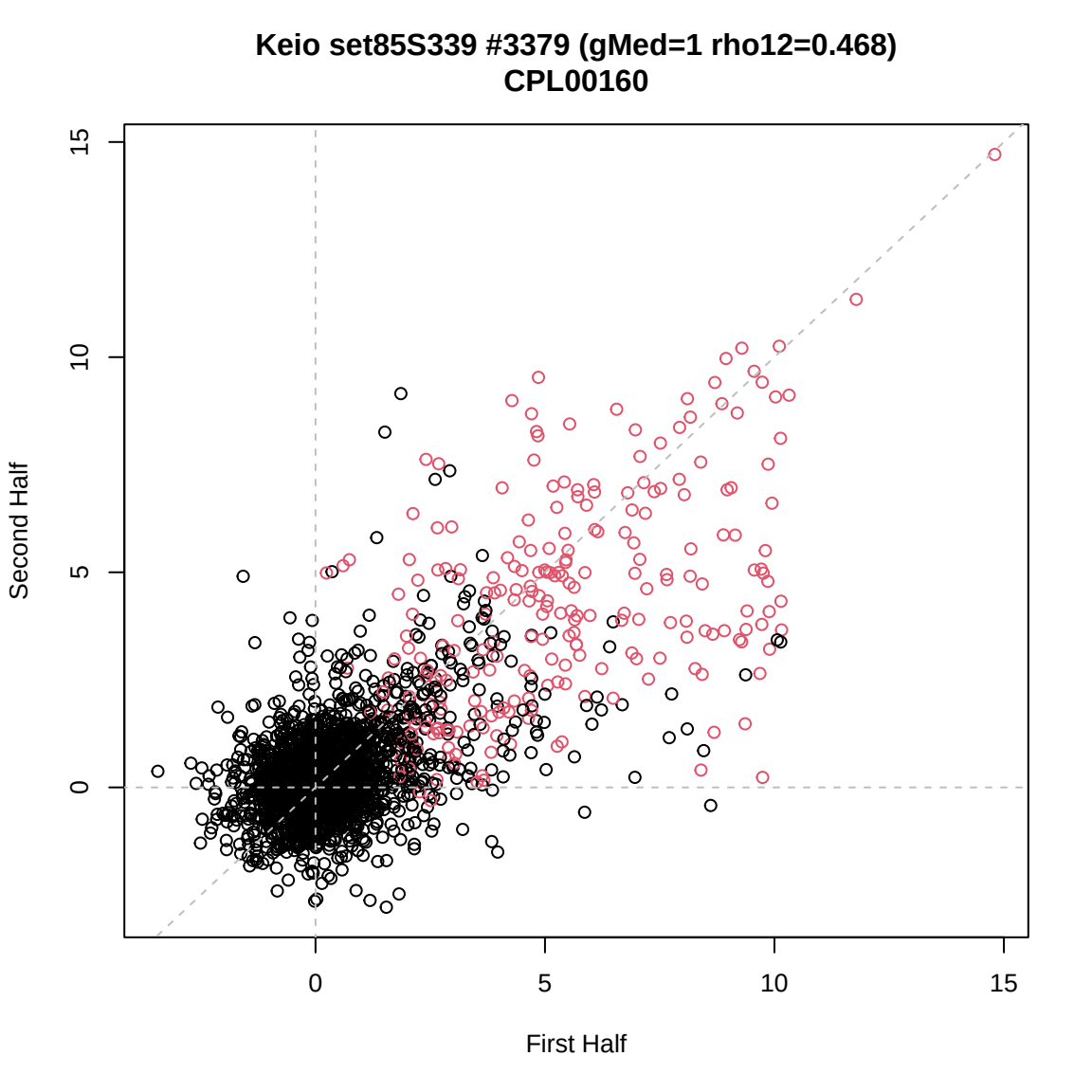

Keio set85S328 #3374 (gMed=278 rho12=0.077)
Bas106
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

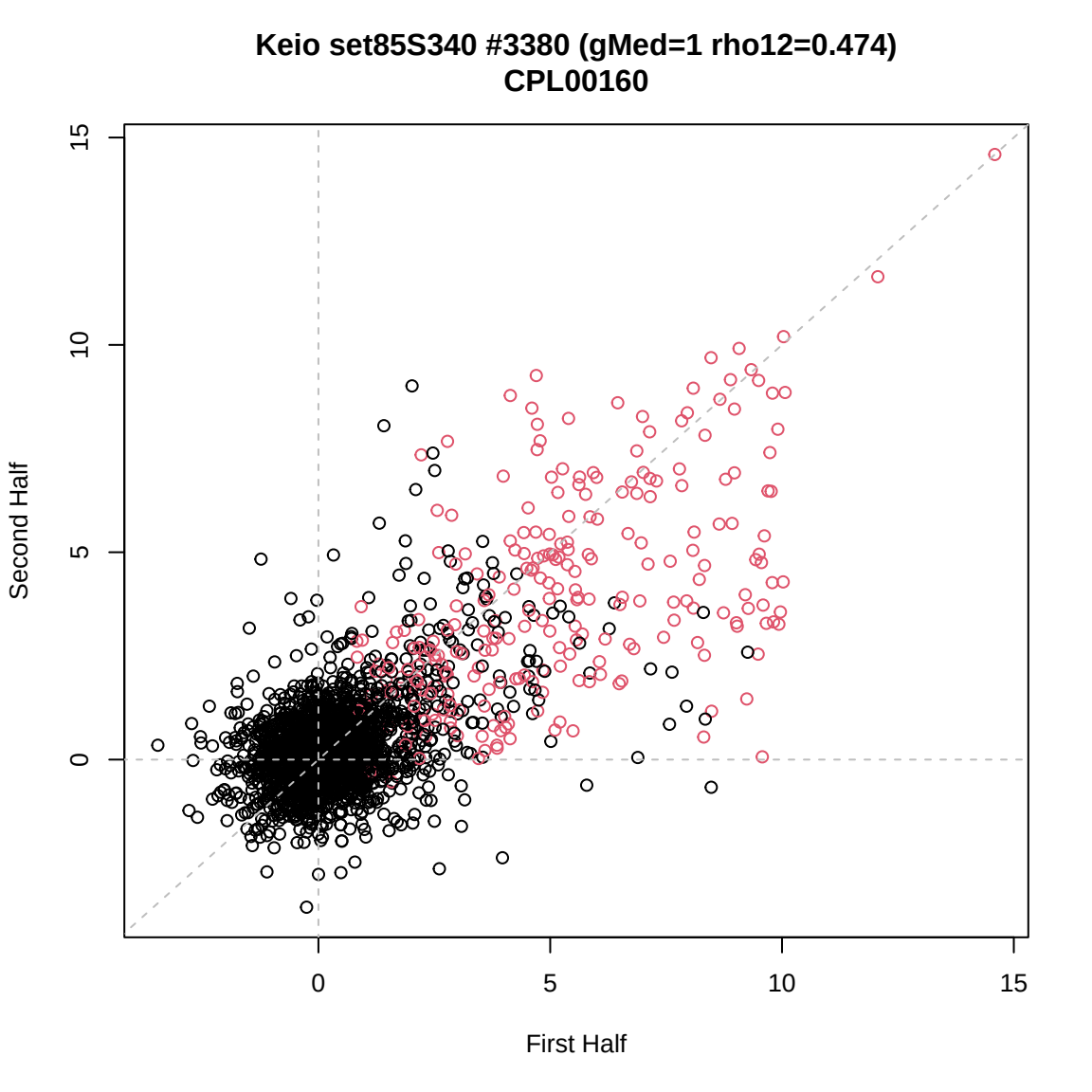

Keio set85S329 #3375 (gMed=280 rho12=0.143)
P1_G
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

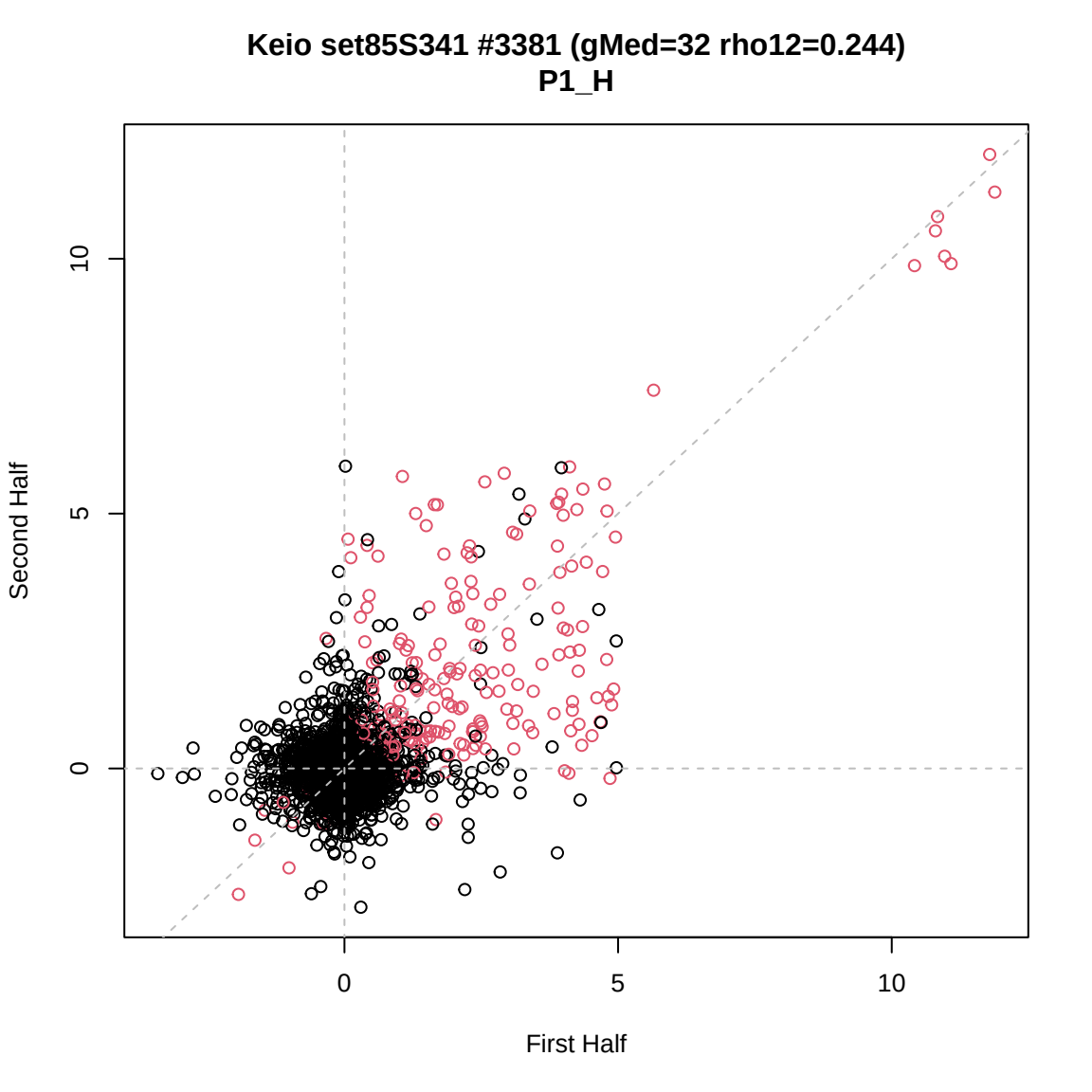

Keio set85S330 #3376 (gMed=308 rho12=0.117)
P1_G
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

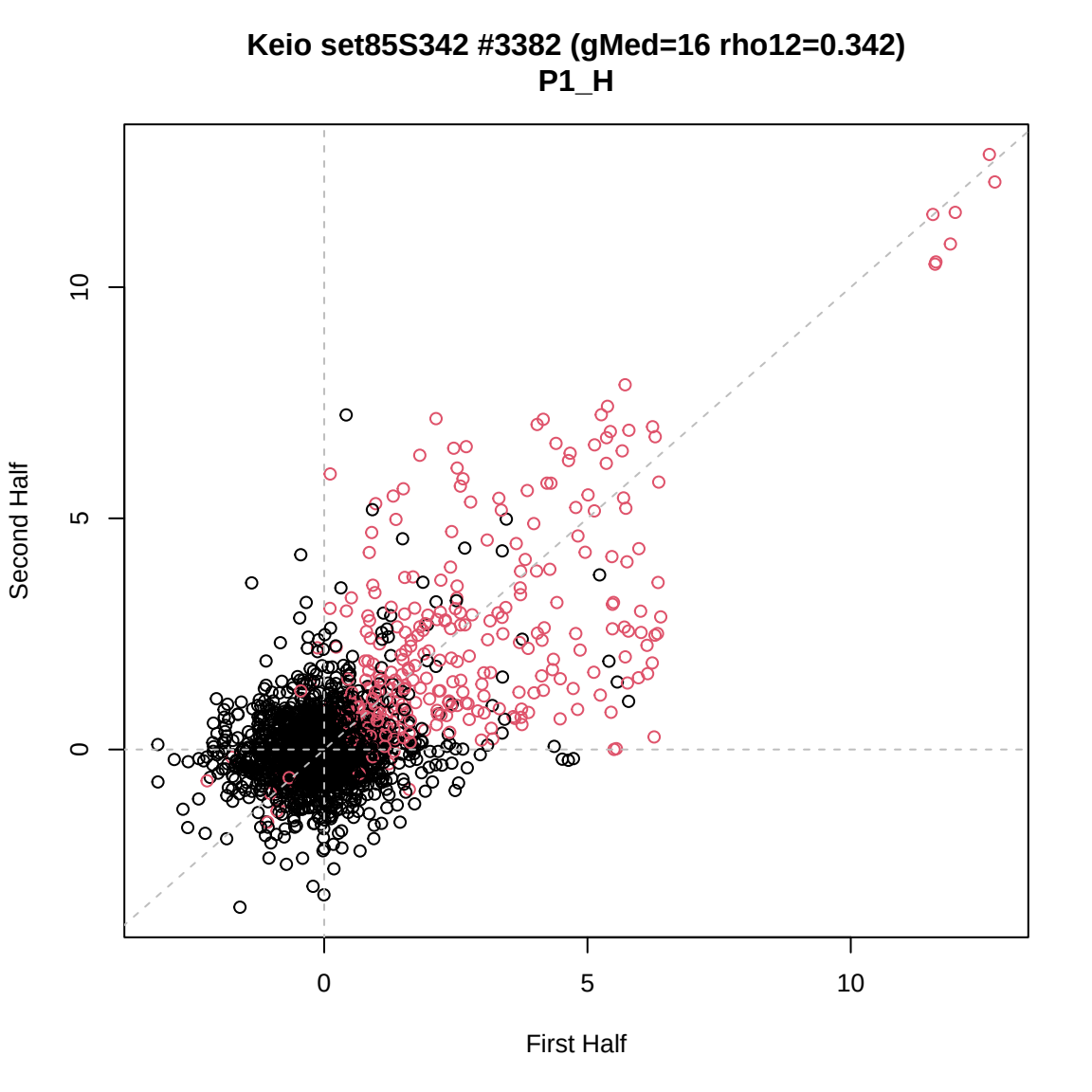

Keio set85S337 #3377 (gMed=276 rho12=0.082)
Bas99
Second Half
First Half
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

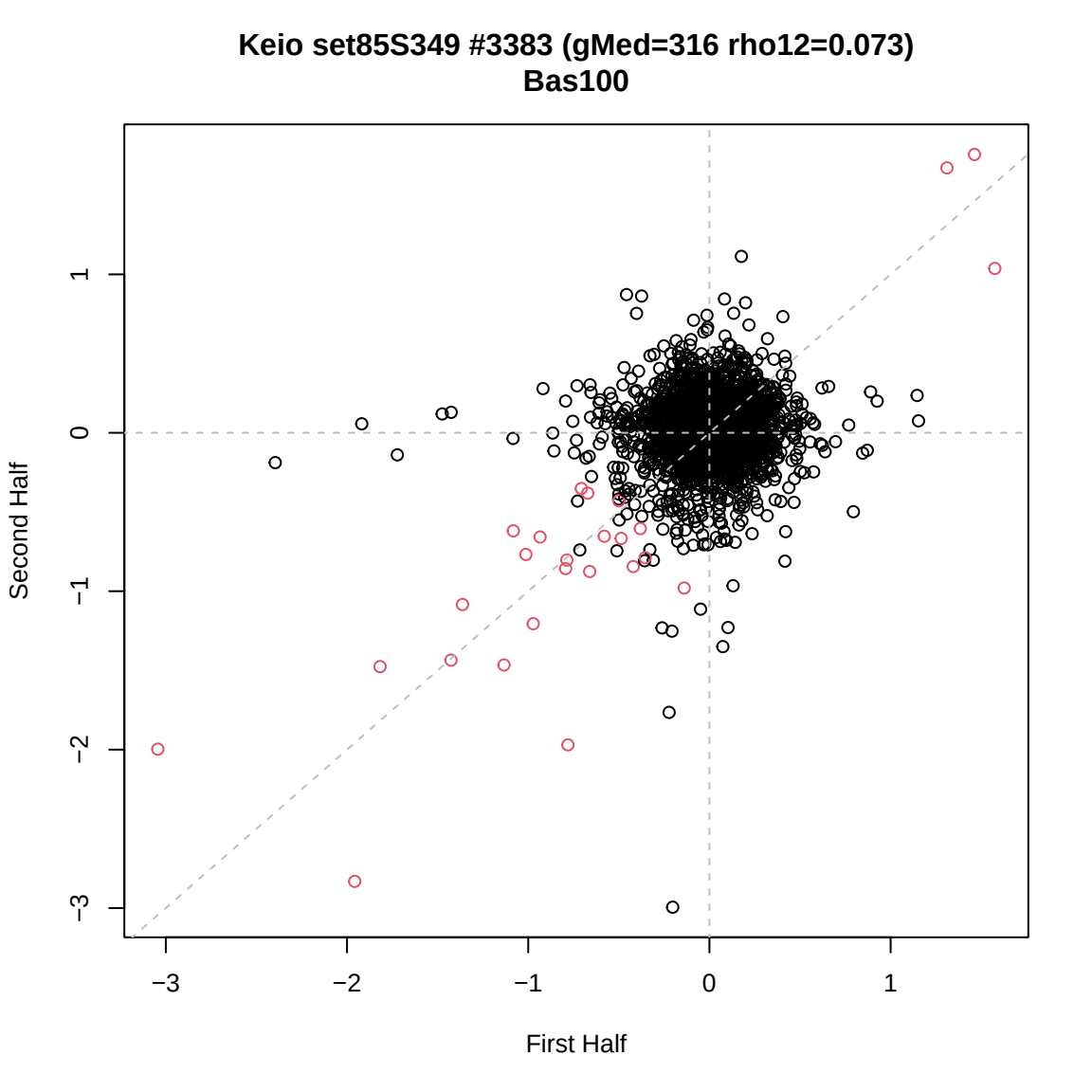

Keio set85S338 #3378 (gMed=298 rho12=0.056)
Bas99
Second Half
First Half
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2

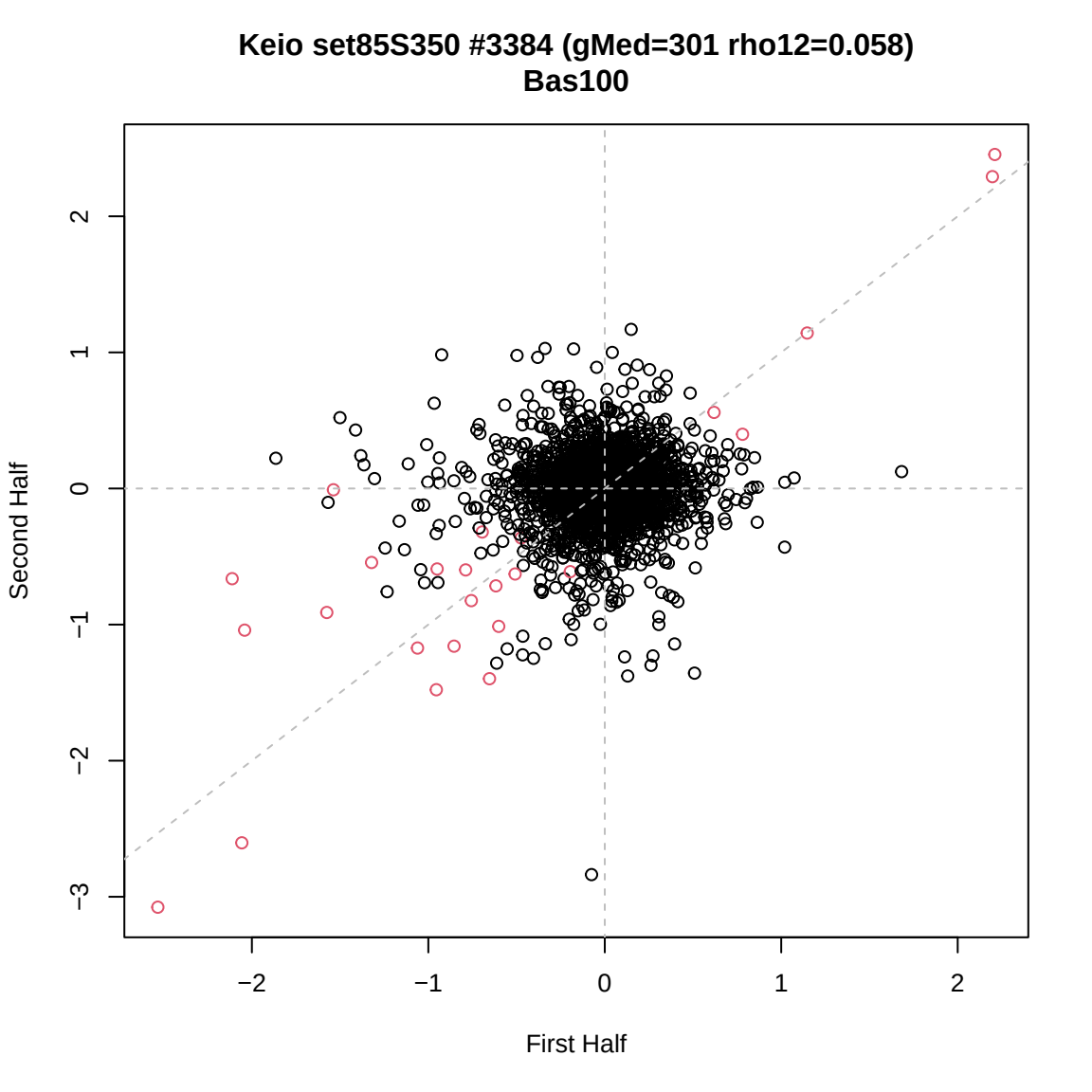

Keio set85S339 #3379 (gMed=1 rho12=0.468)
CPL00160
Second Half
First Half
0
5
10
15

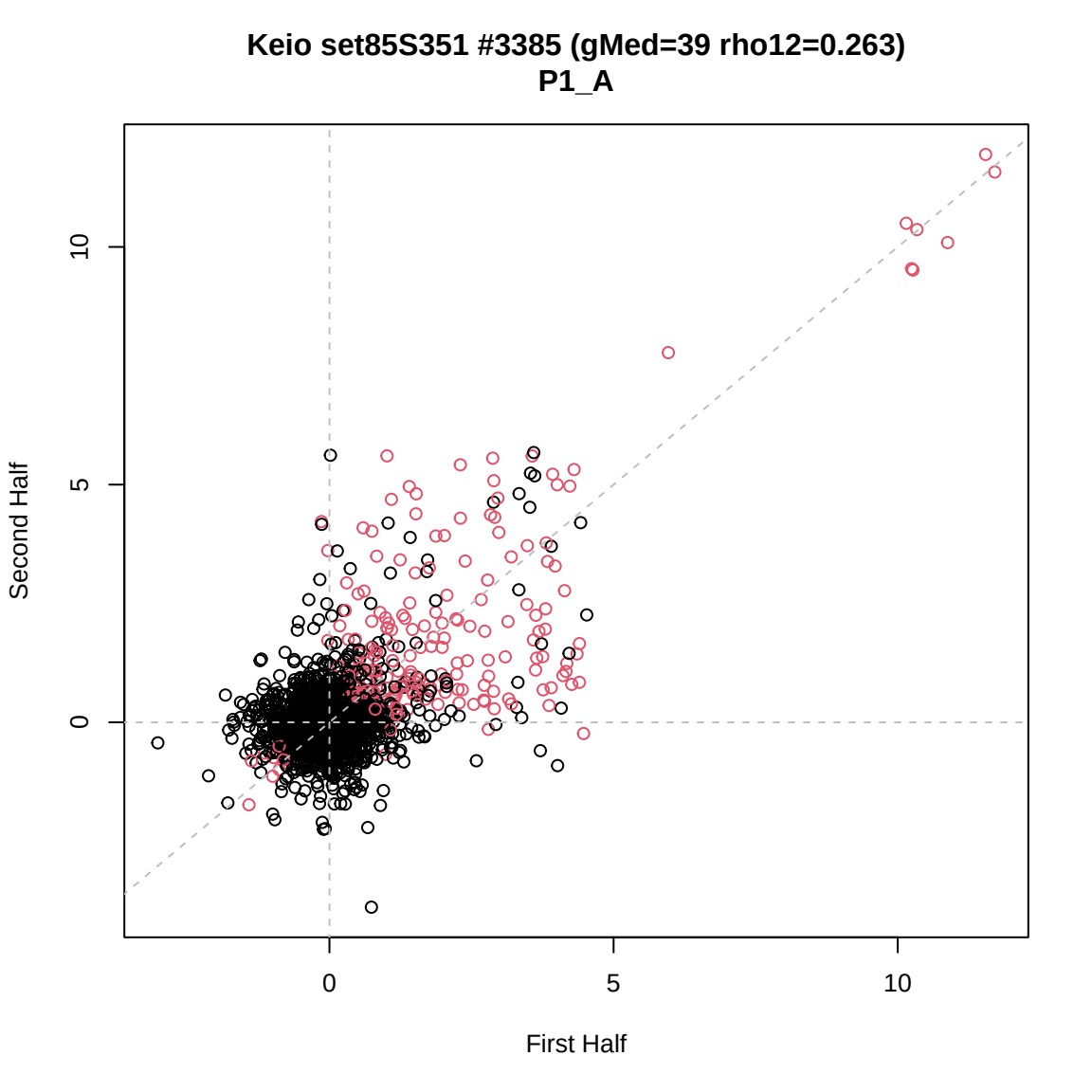

Keio set85S340 #3380 (gMed=1 rho12=0.474)
CPL00160
Second Half
First Half
0
5
10
15

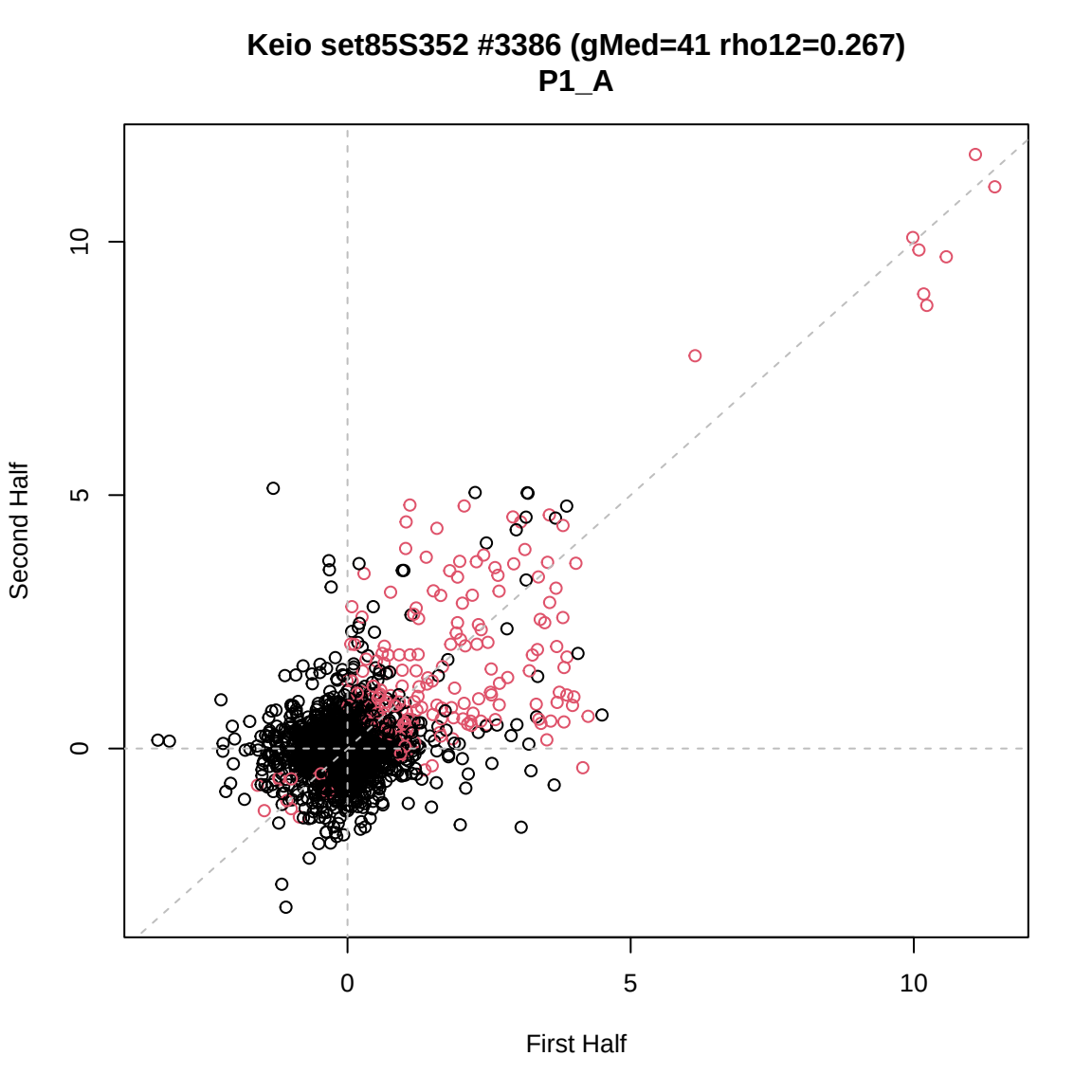

Keio set85S341 #3381 (gMed=32 rho12=0.244)
P1_H
Second Half
First Half
0
5
10
0
5
10

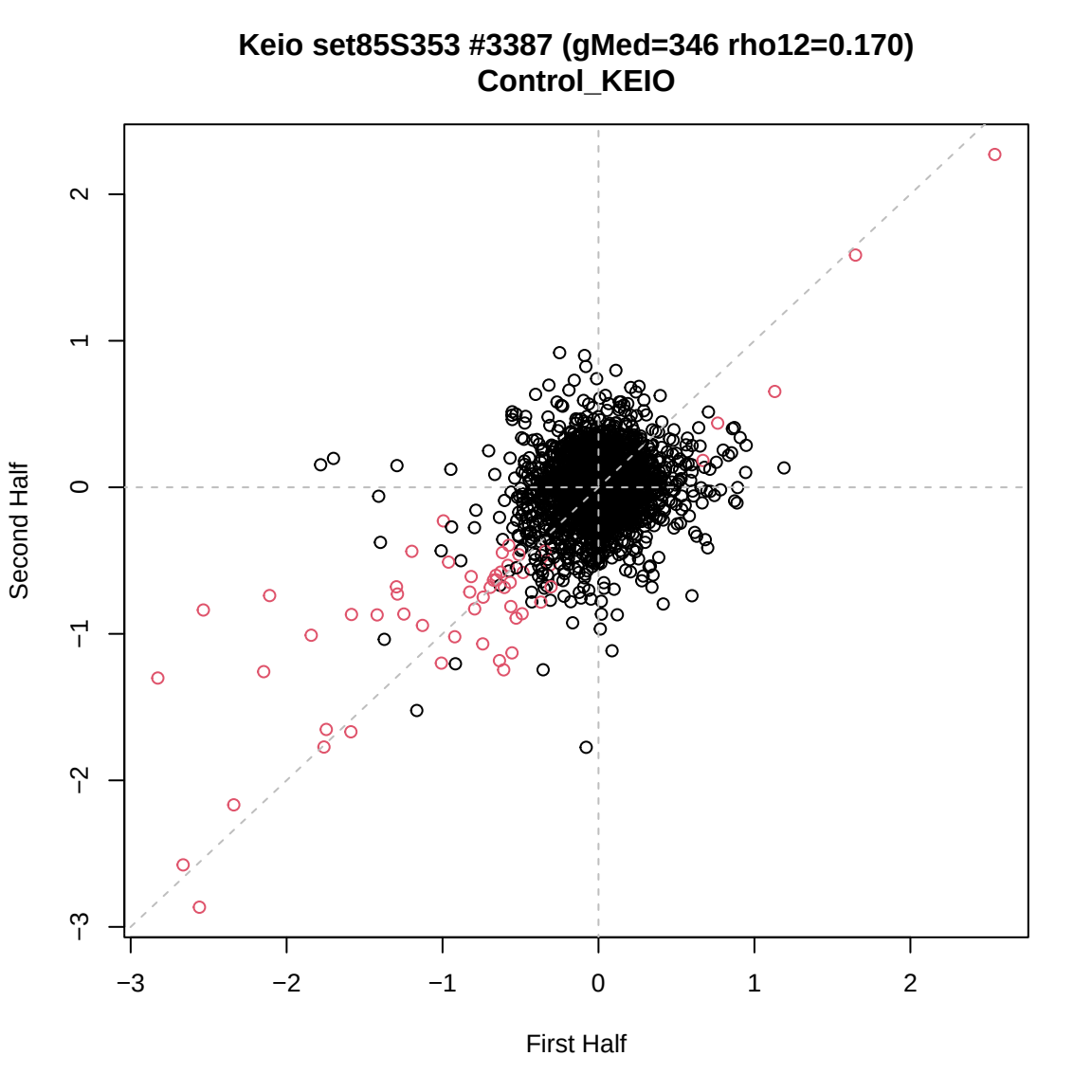

Keio set85S342 #3382 (gMed=16 rho12=0.342)
P1_H
Second Half
First Half
0
5
10
0
5
10

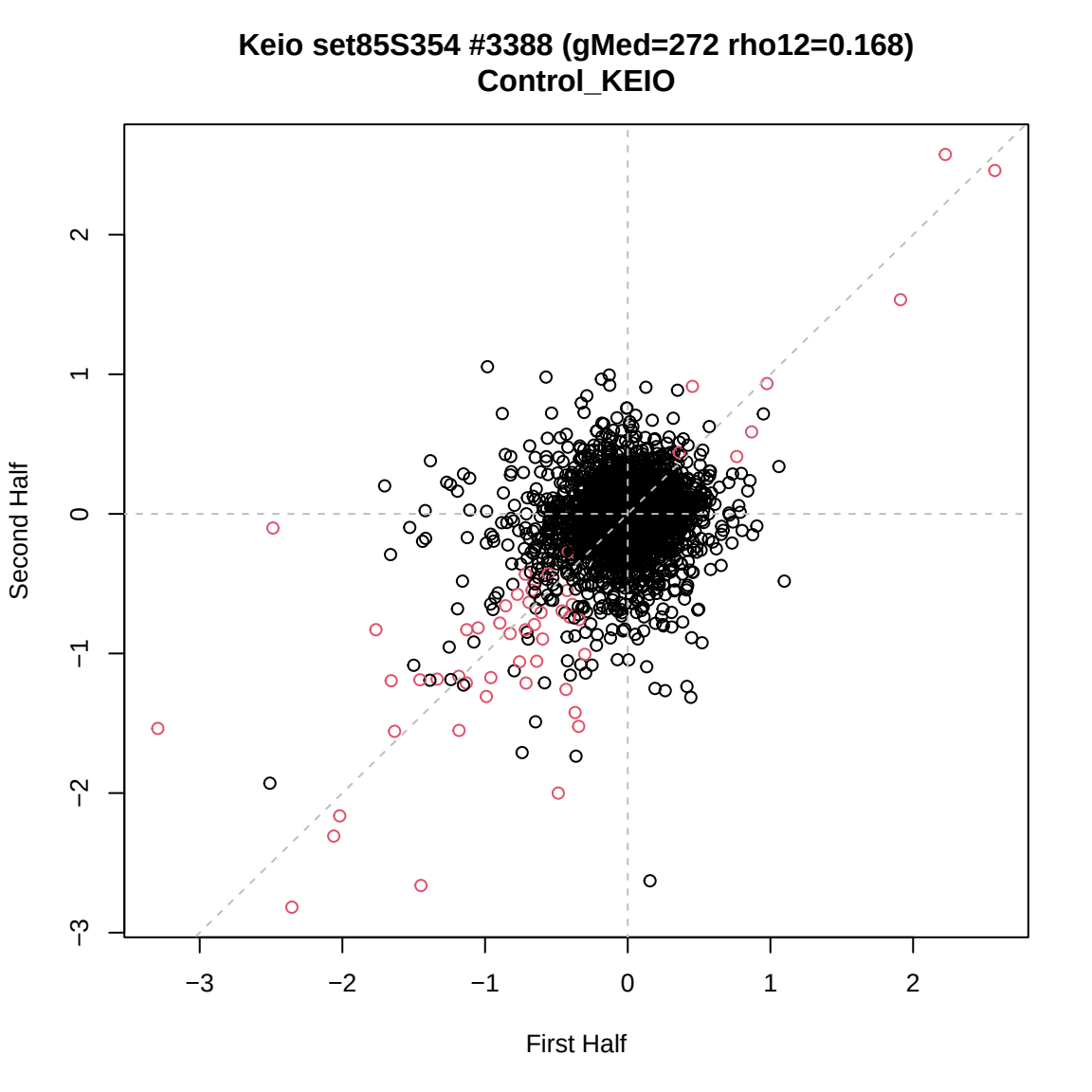

Keio set85S349 #3383 (gMed=316 rho12=0.073)
Bas100
Second Half
First Half
−3
−2
−1
0
1

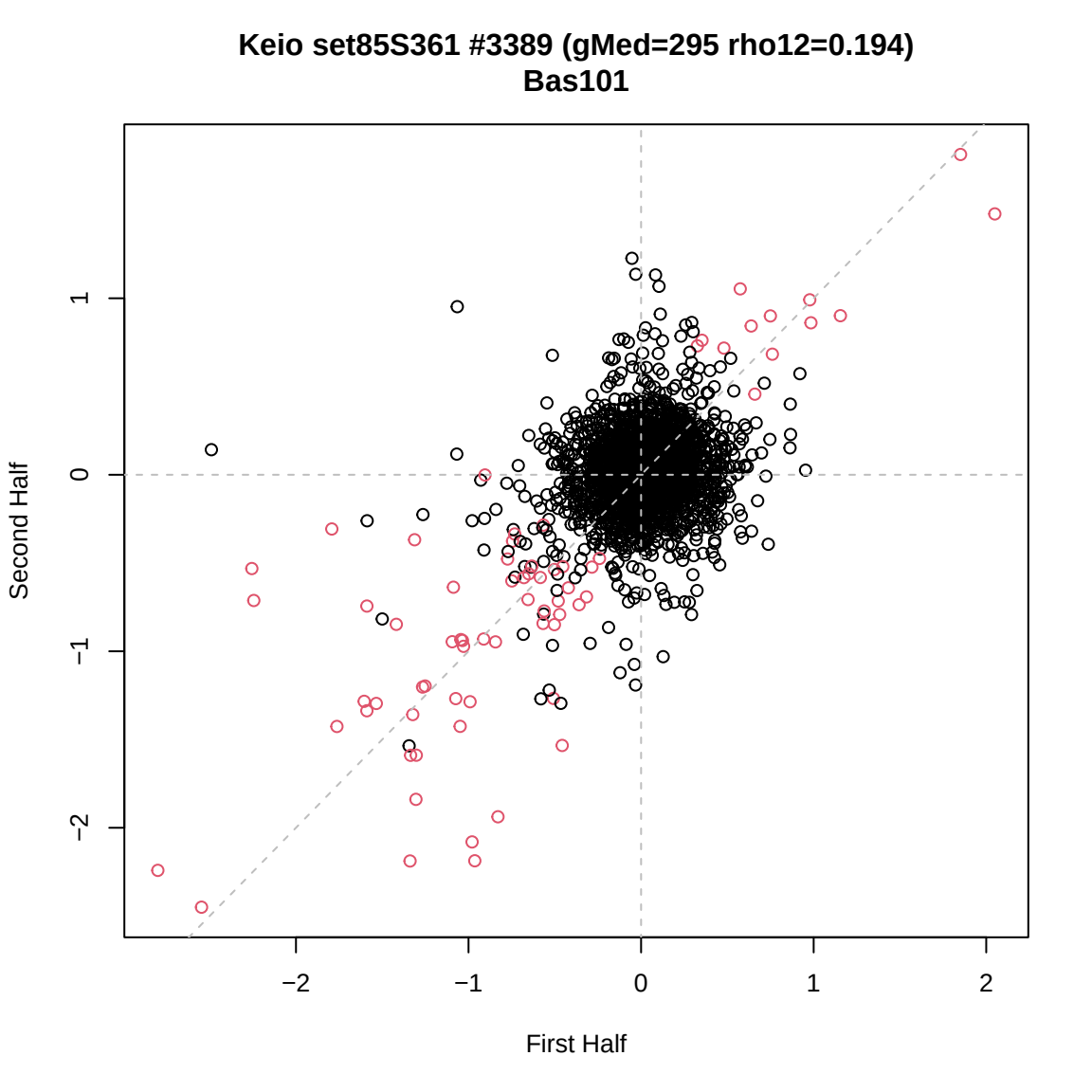

Keio set85S350 #3384 (gMed=301 rho12=0.058)
Bas100
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

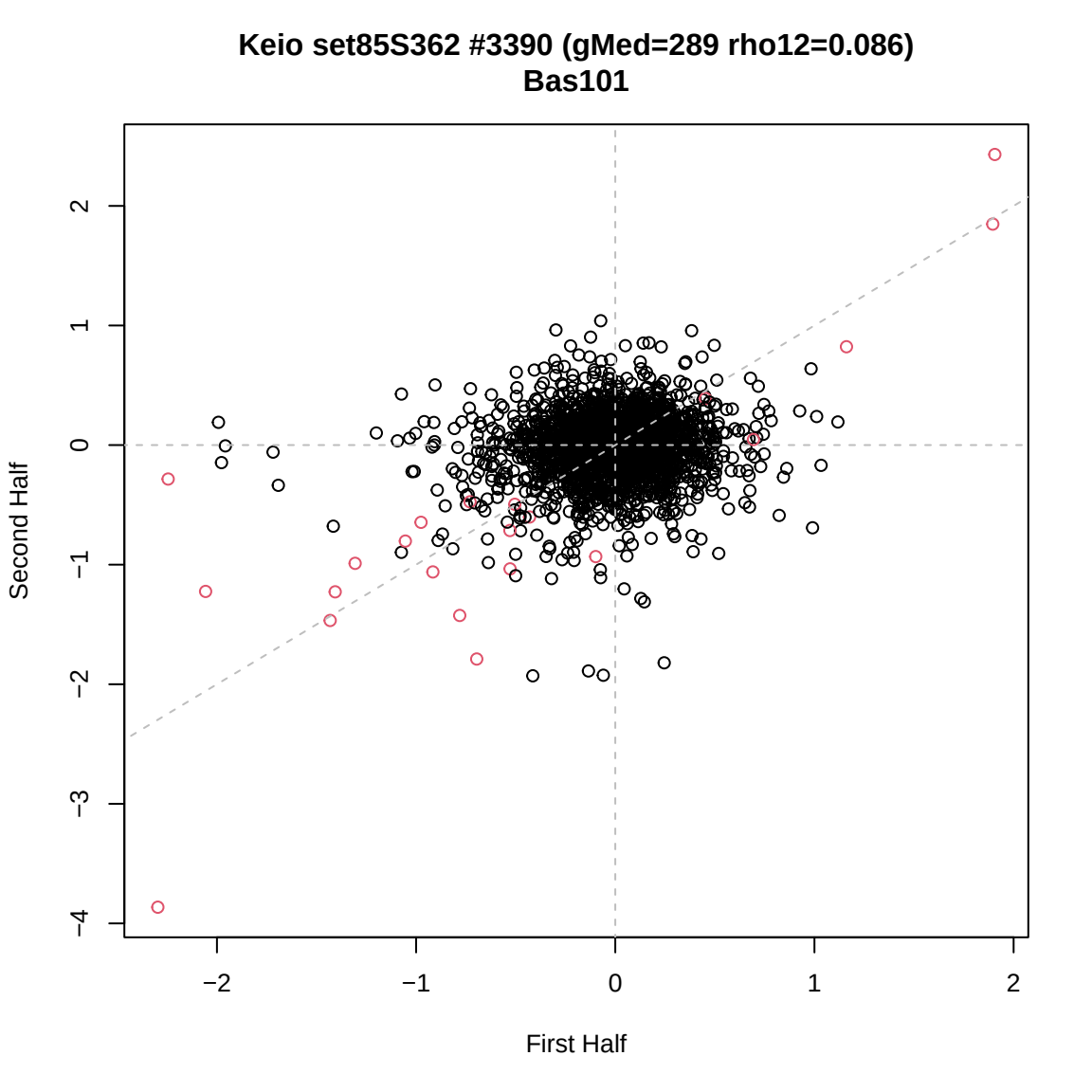

Keio set85S351 #3385 (gMed=39 rho12=0.263)
P1_A
Second Half
First Half
0
5
10
0
5
10

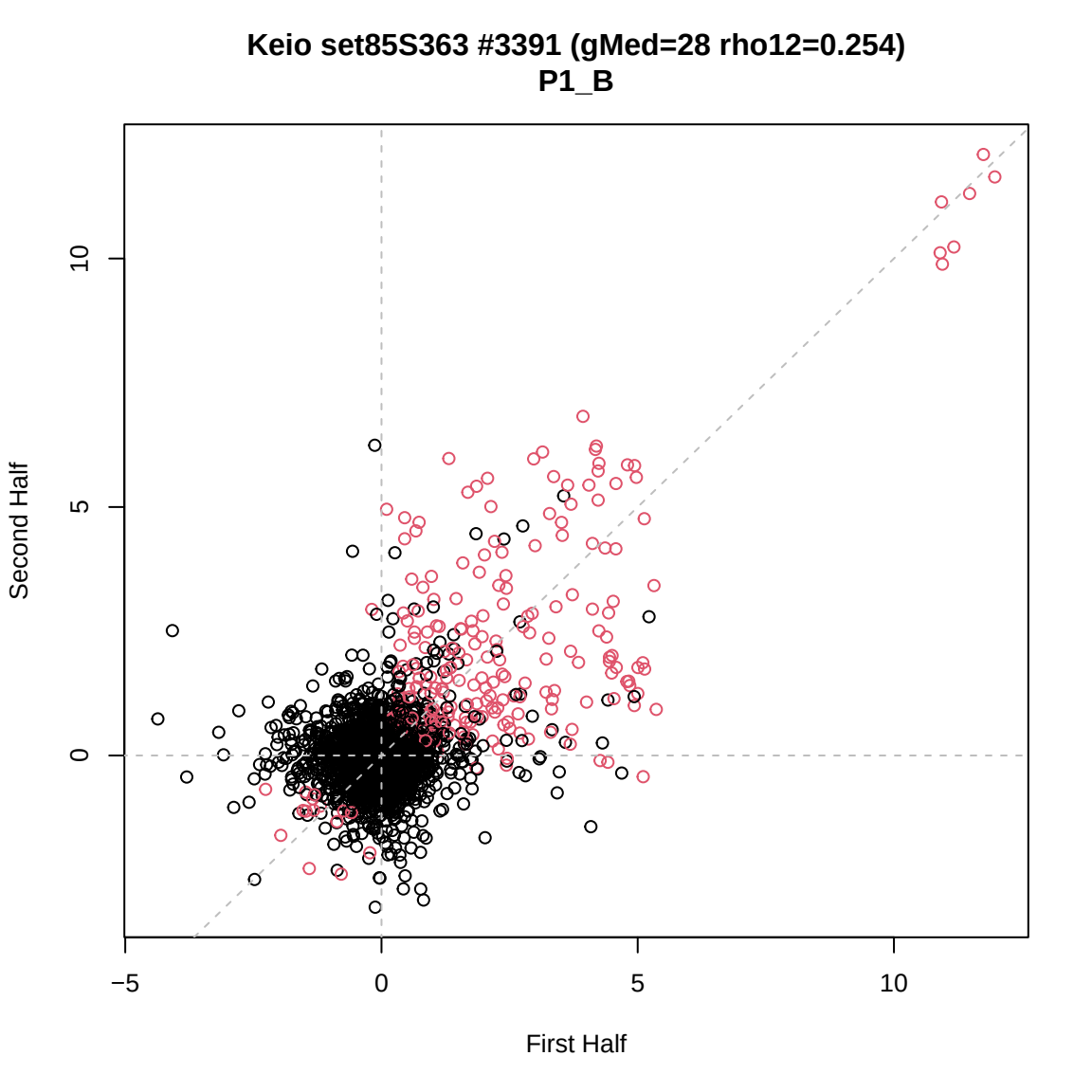

Keio set85S352 #3386 (gMed=41 rho12=0.267)
P1_A
Second Half
First Half
0
5
10
0
5
10

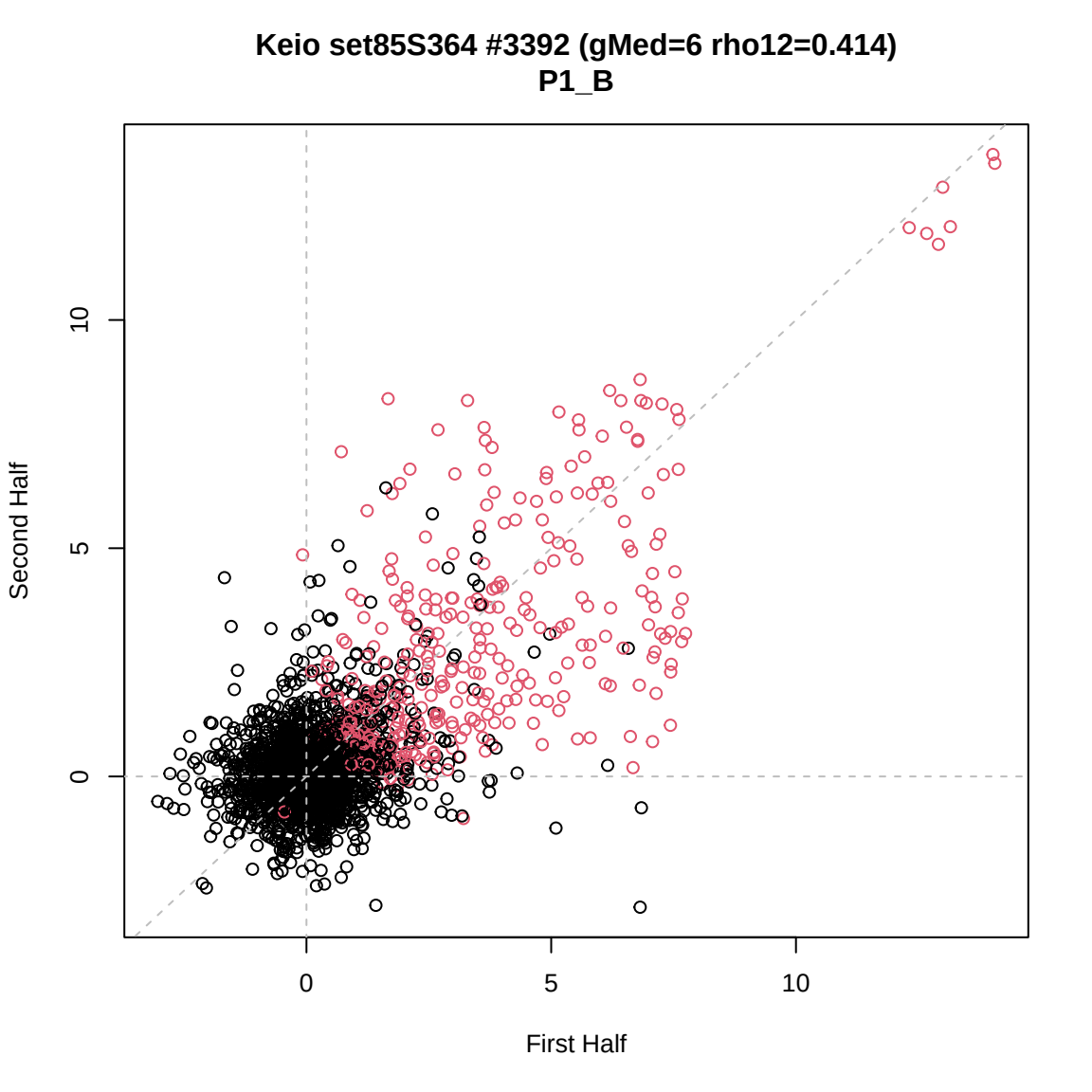

Keio set85S353 #3387 (gMed=346 rho12=0.170)
Control_KEIO
Second Half
First Half
−3
−2
−1
0
1
2

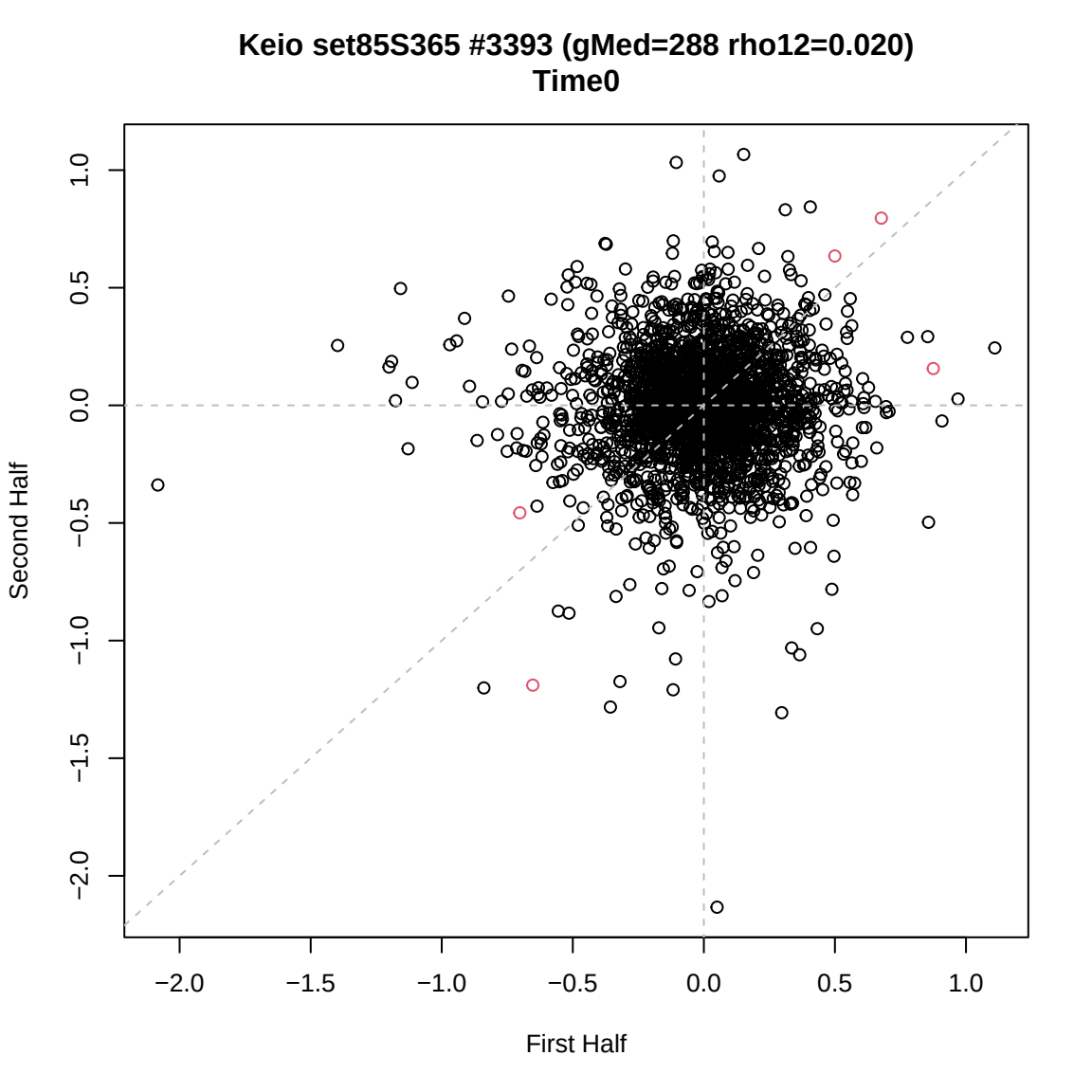

Keio set85S354 #3388 (gMed=272 rho12=0.168)
Control_KEIO
Second Half
First Half
−3
−2
−1
0
1
2

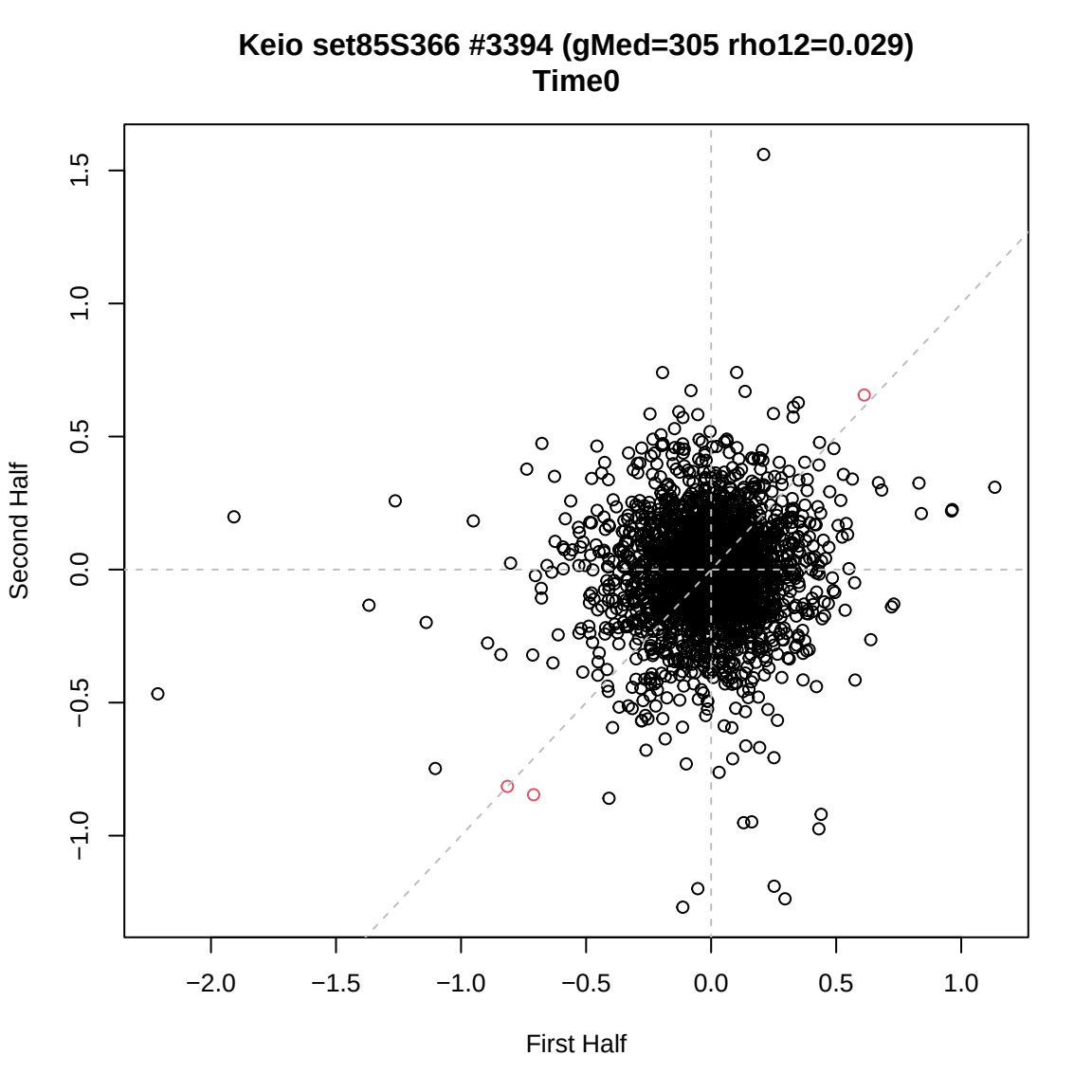

Keio set85S361 #3389 (gMed=295 rho12=0.194)
Bas101
Second Half
First Half
1
0
−1
−2
−2
−1
0
1
2

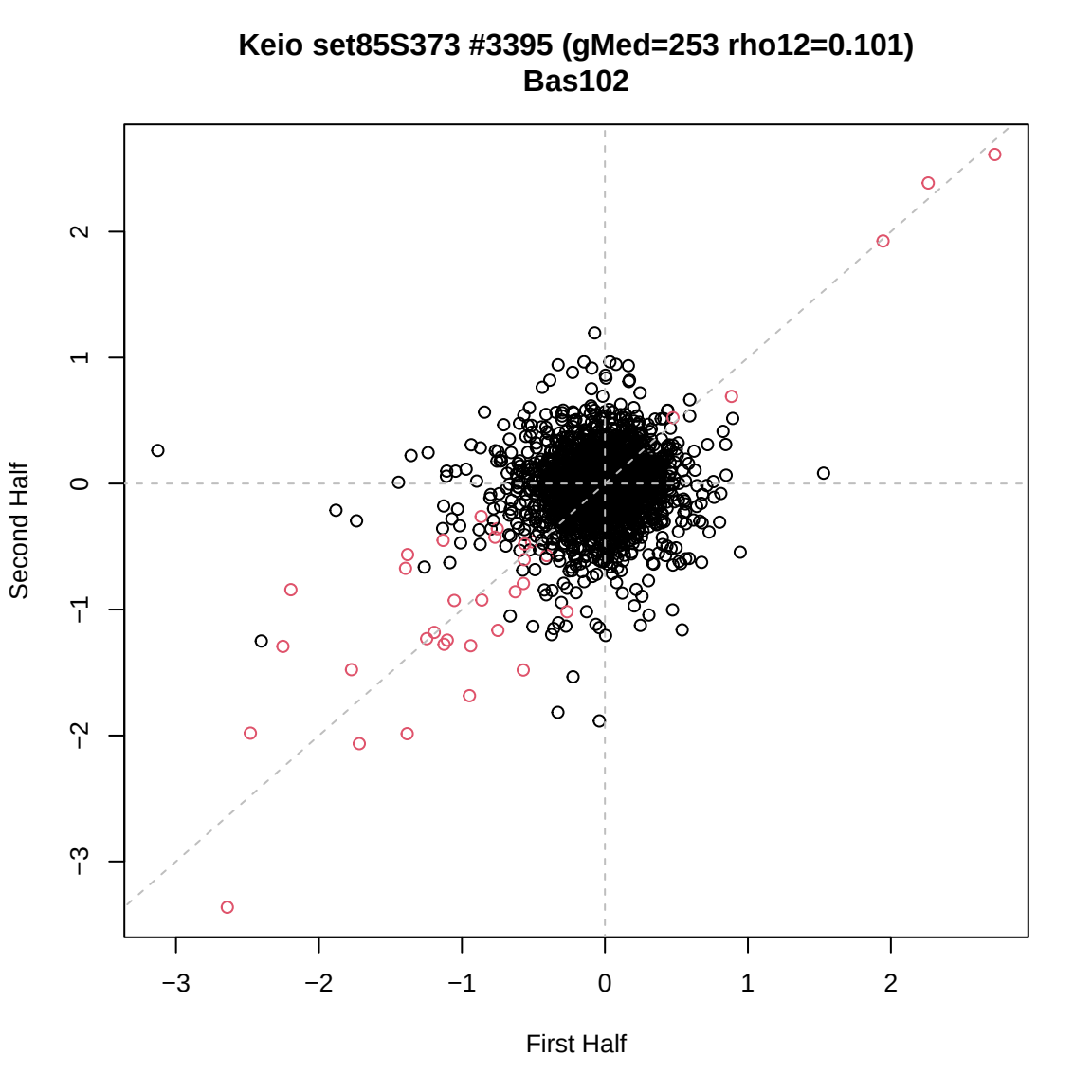

Keio set85S362 #3390 (gMed=289 rho12=0.086)
Bas101
Second Half
First Half
2
1
0
−1
−2
−3
−4
−2
−1
0
1
2

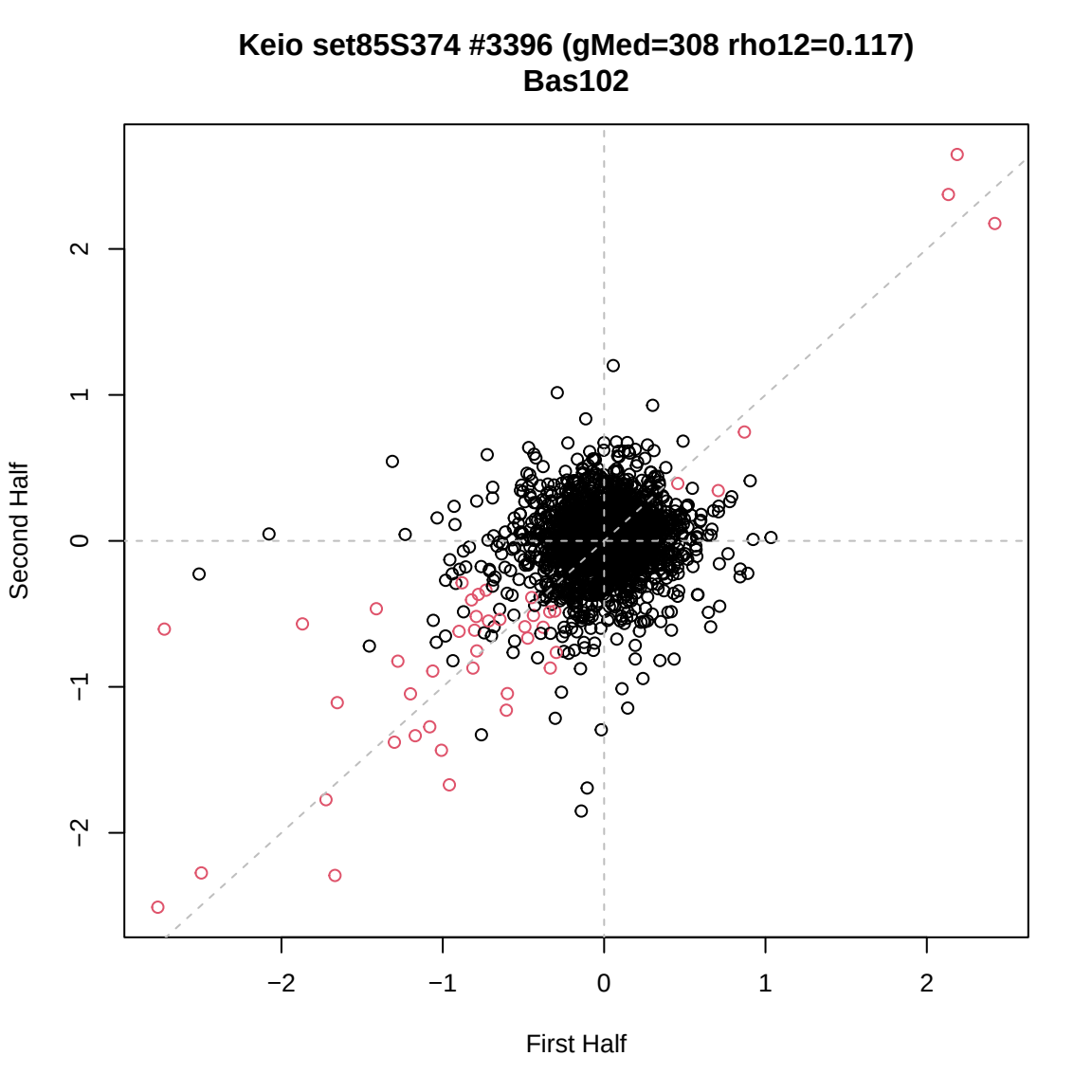

Keio set85S363 #3391 (gMed=28 rho12=0.254)
P1_B
Second Half
First Half
10
5
0
−5
0
5
10

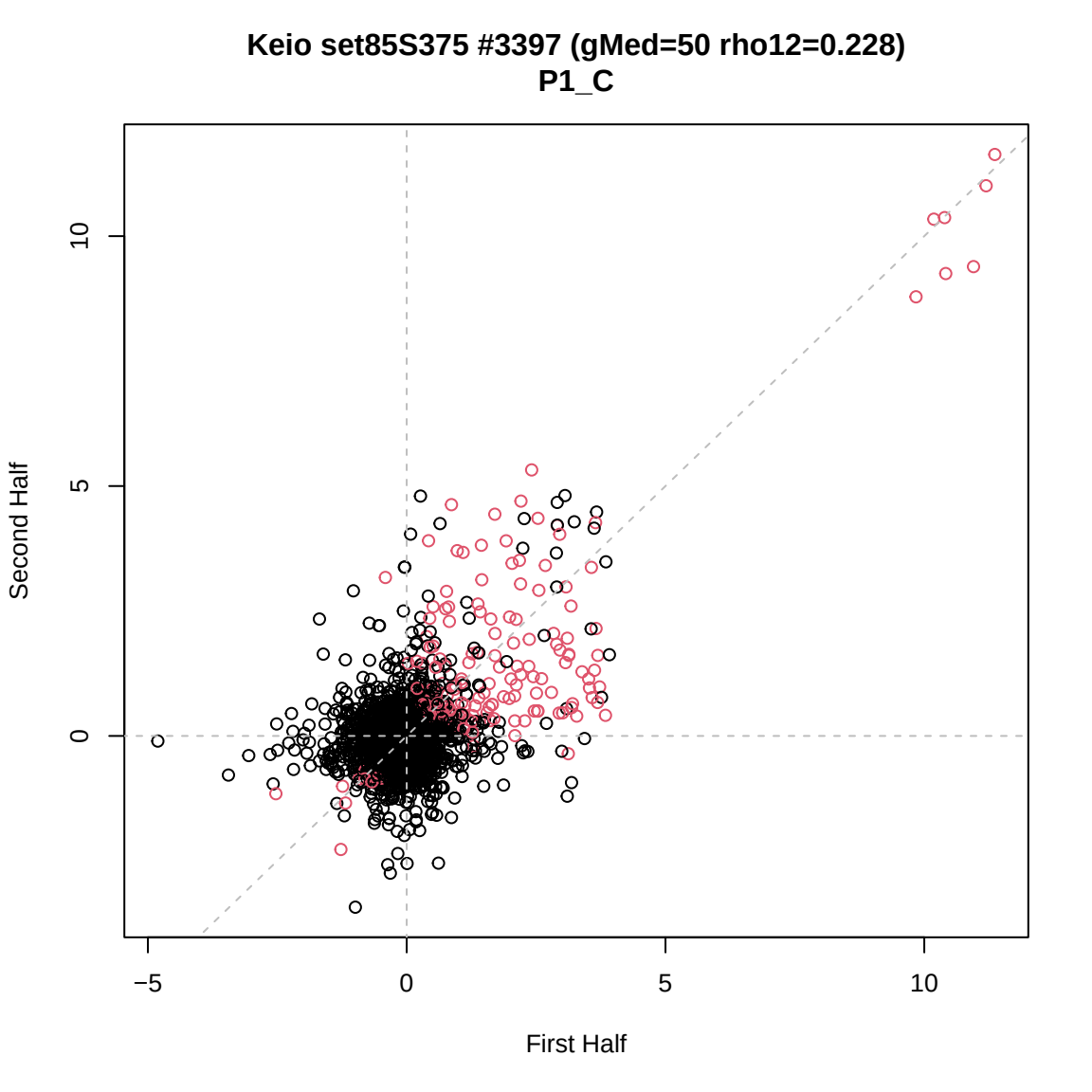

Keio set85S364 #3392 (gMed=6 rho12=0.414)
P1_B
Second Half
First Half
0
5
10
0
5
10

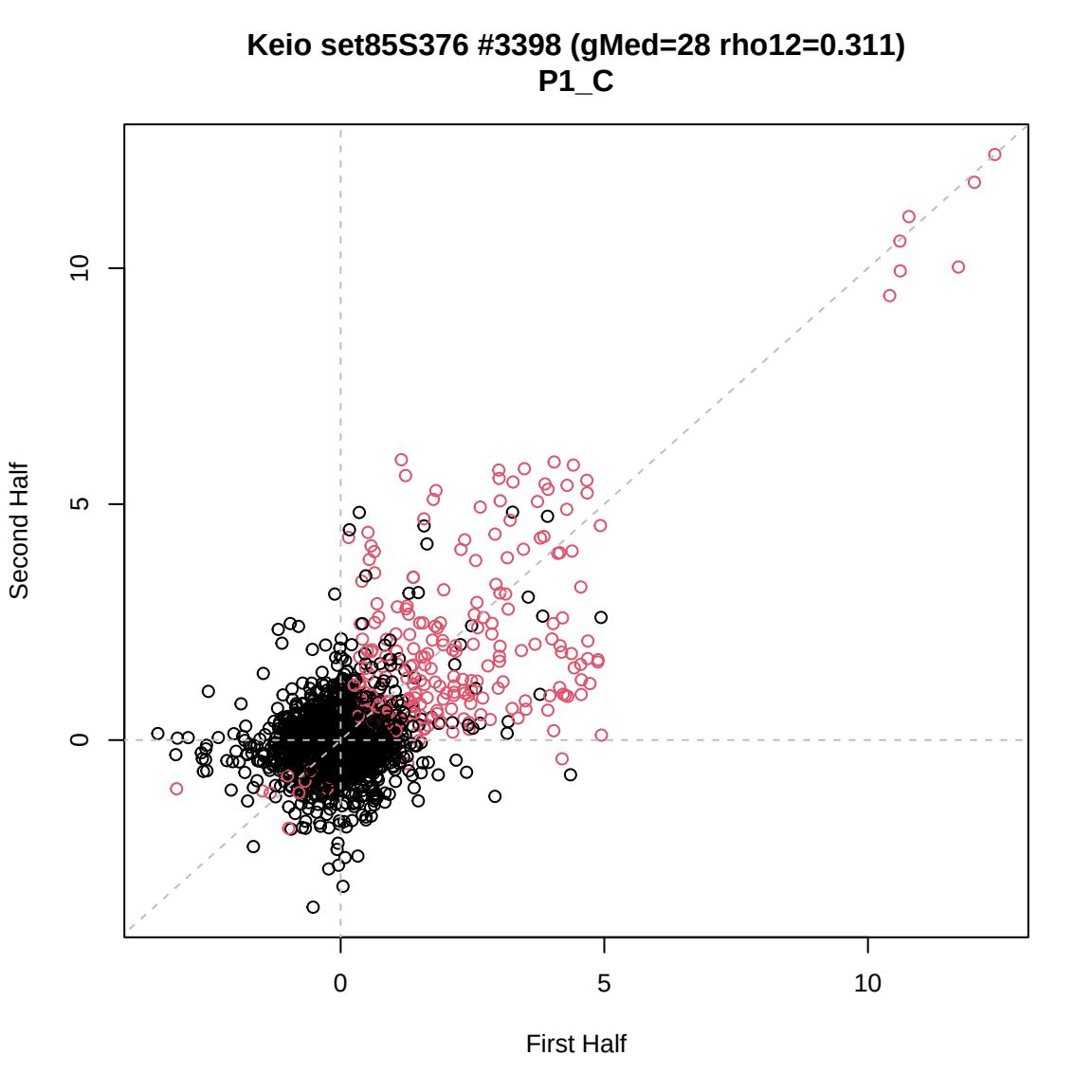

Keio set85S365 #3393 (gMed=288 rho12=0.020)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

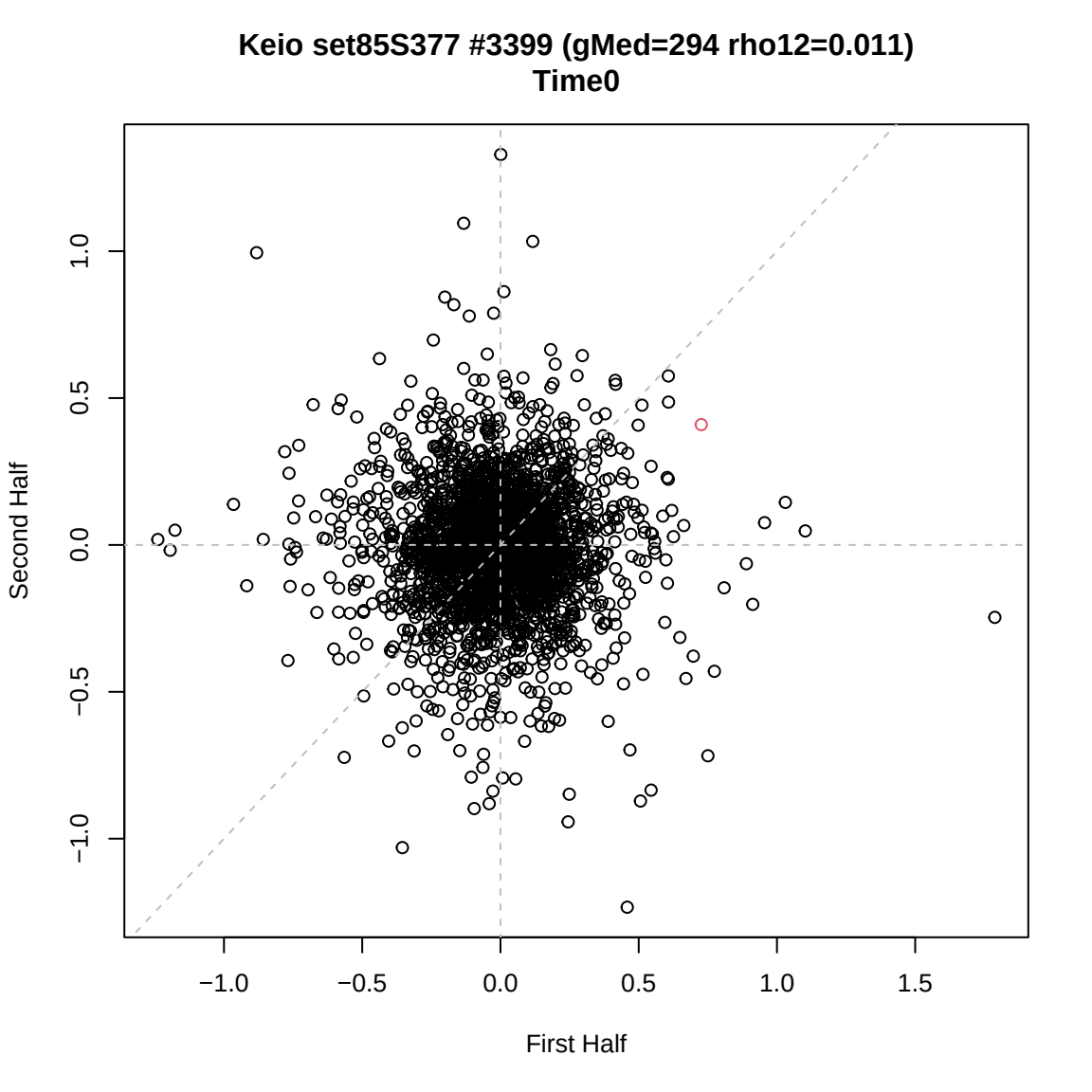

Keio set85S366 #3394 (gMed=305 rho12=0.029)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

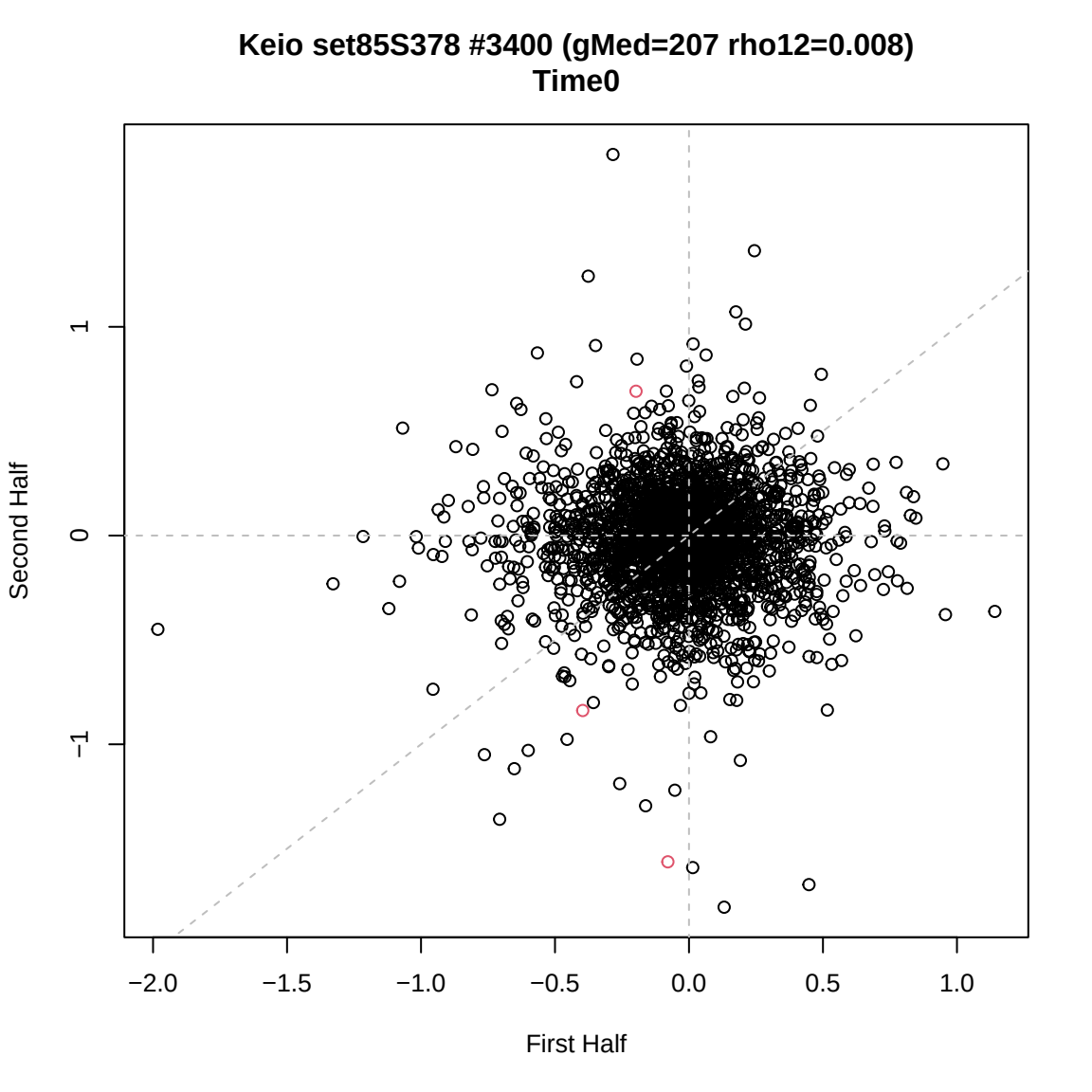

Keio set85S373 #3395 (gMed=253 rho12=0.101)
Bas102
Second Half
First Half
−3
−2
−1
0
1
2

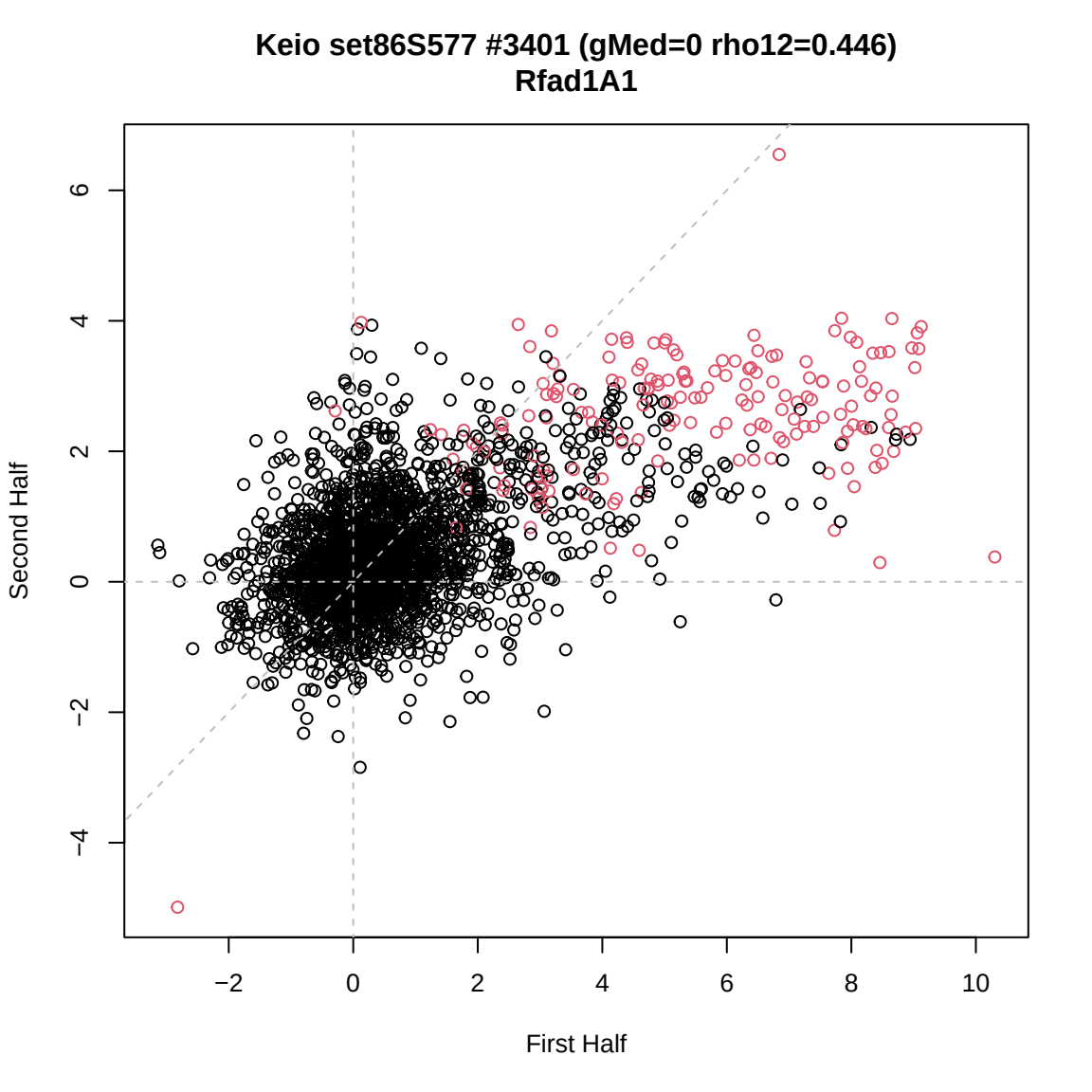

Keio set85S374 #3396 (gMed=308 rho12=0.117)
Bas102
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

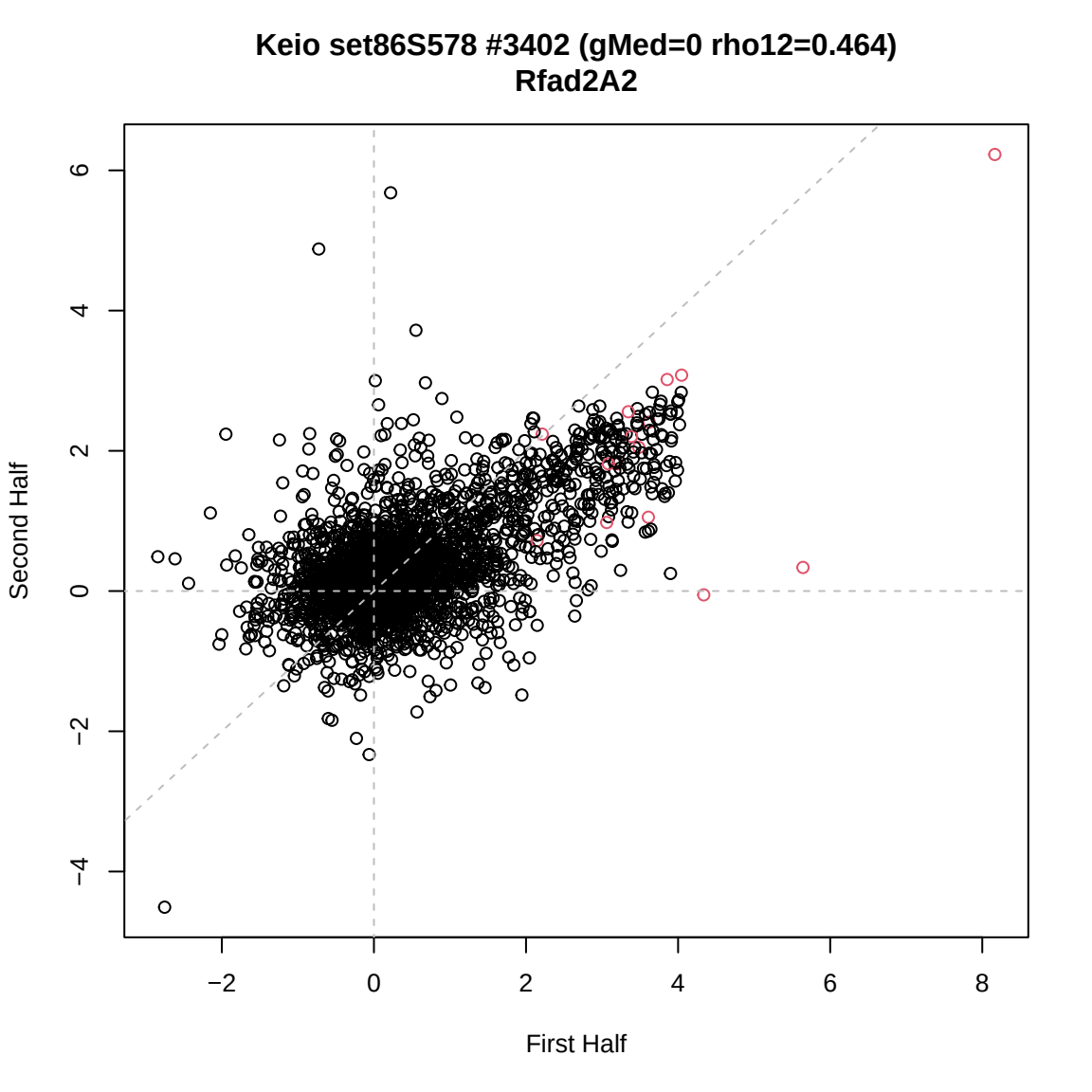

Keio set85S375 #3397 (gMed=50 rho12=0.228)
P1_C
Second Half
First Half
10
5
0
−5
0
5
10

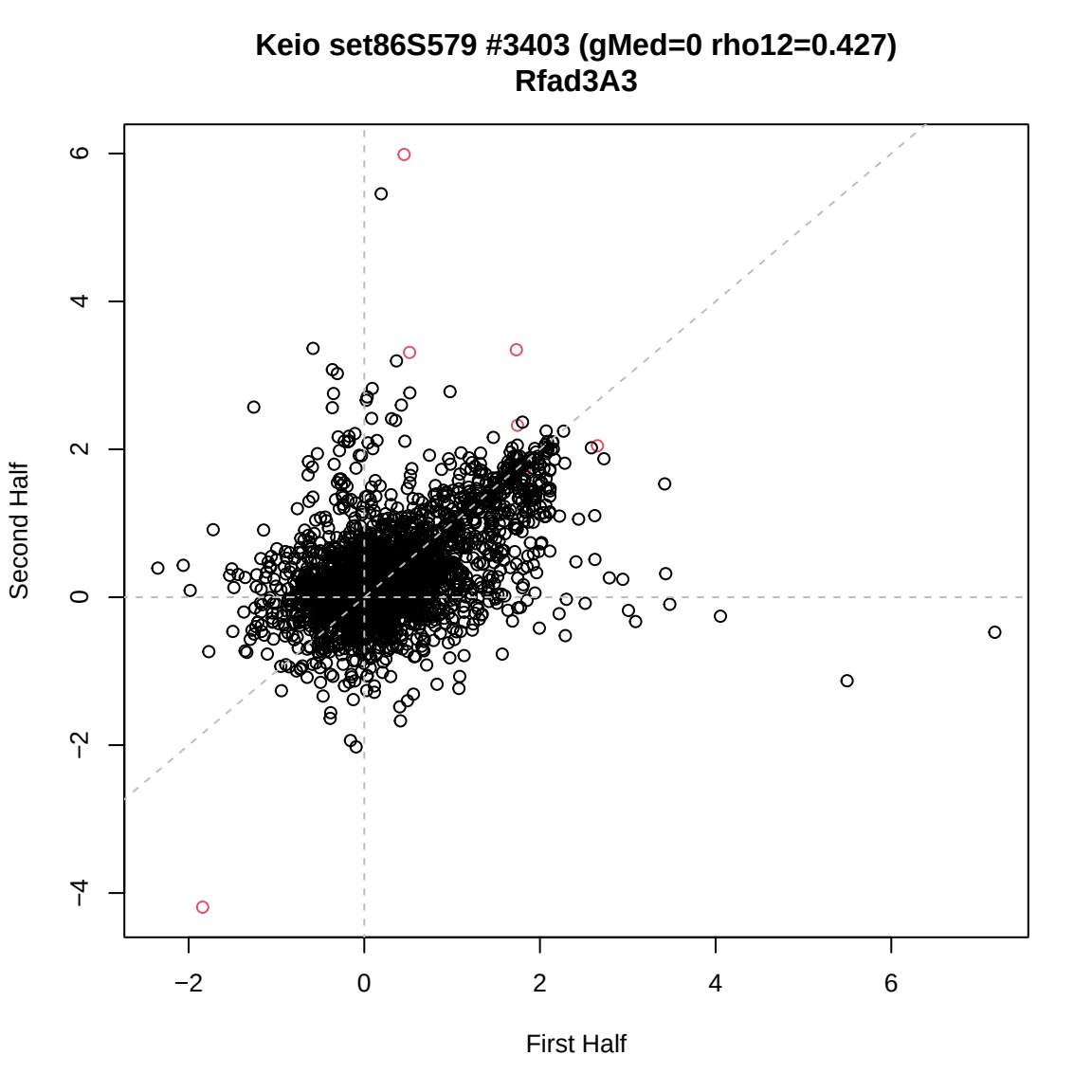

Keio set85S376 #3398 (gMed=28 rho12=0.311)
P1_C
Second Half
First Half
0
5
10
0
5
10

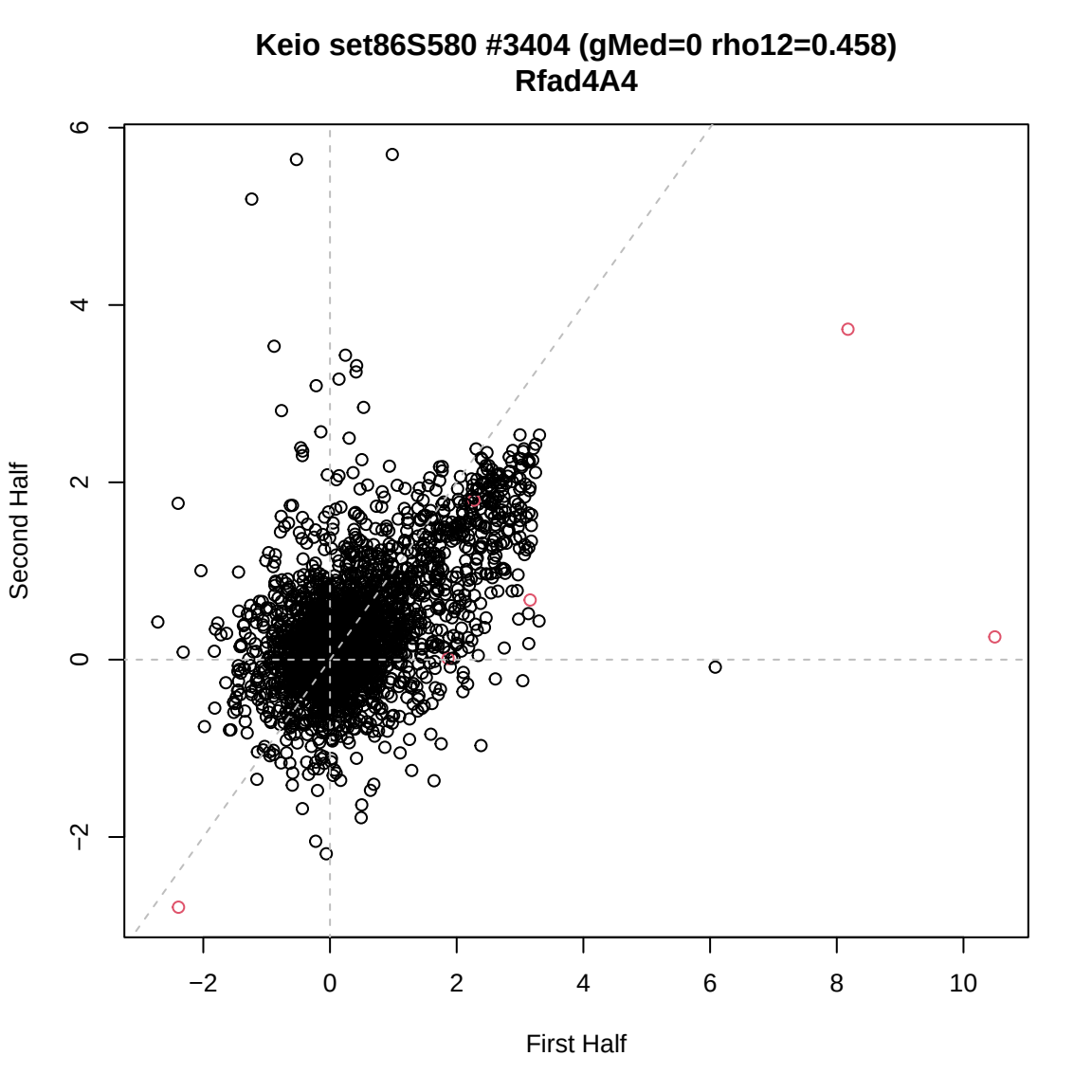

Keio set85S377 #3399 (gMed=294 rho12=0.011)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

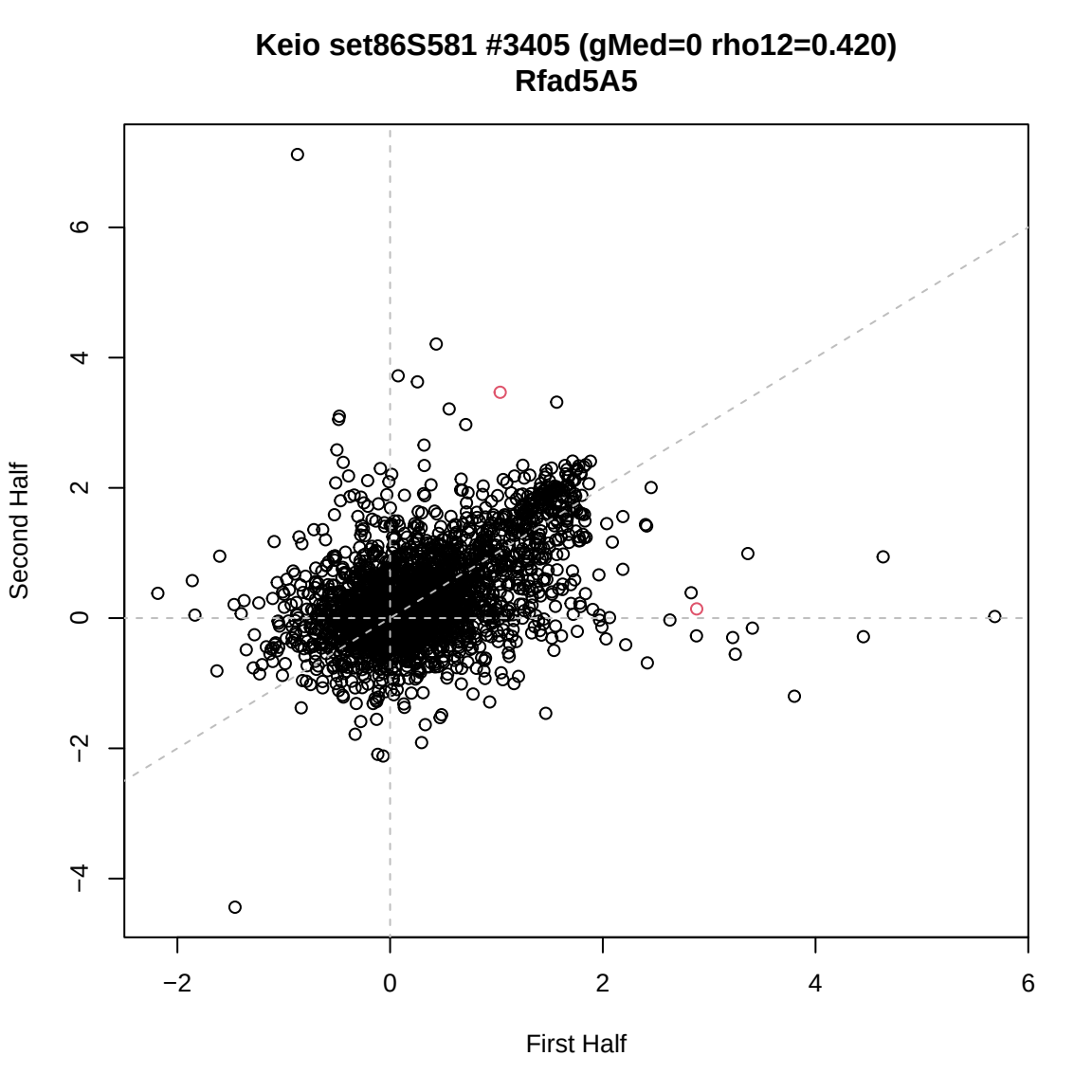

Keio set85S378 #3400 (gMed=207 rho12=0.008)
Time0
Second Half
First Half
1
0
−1
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

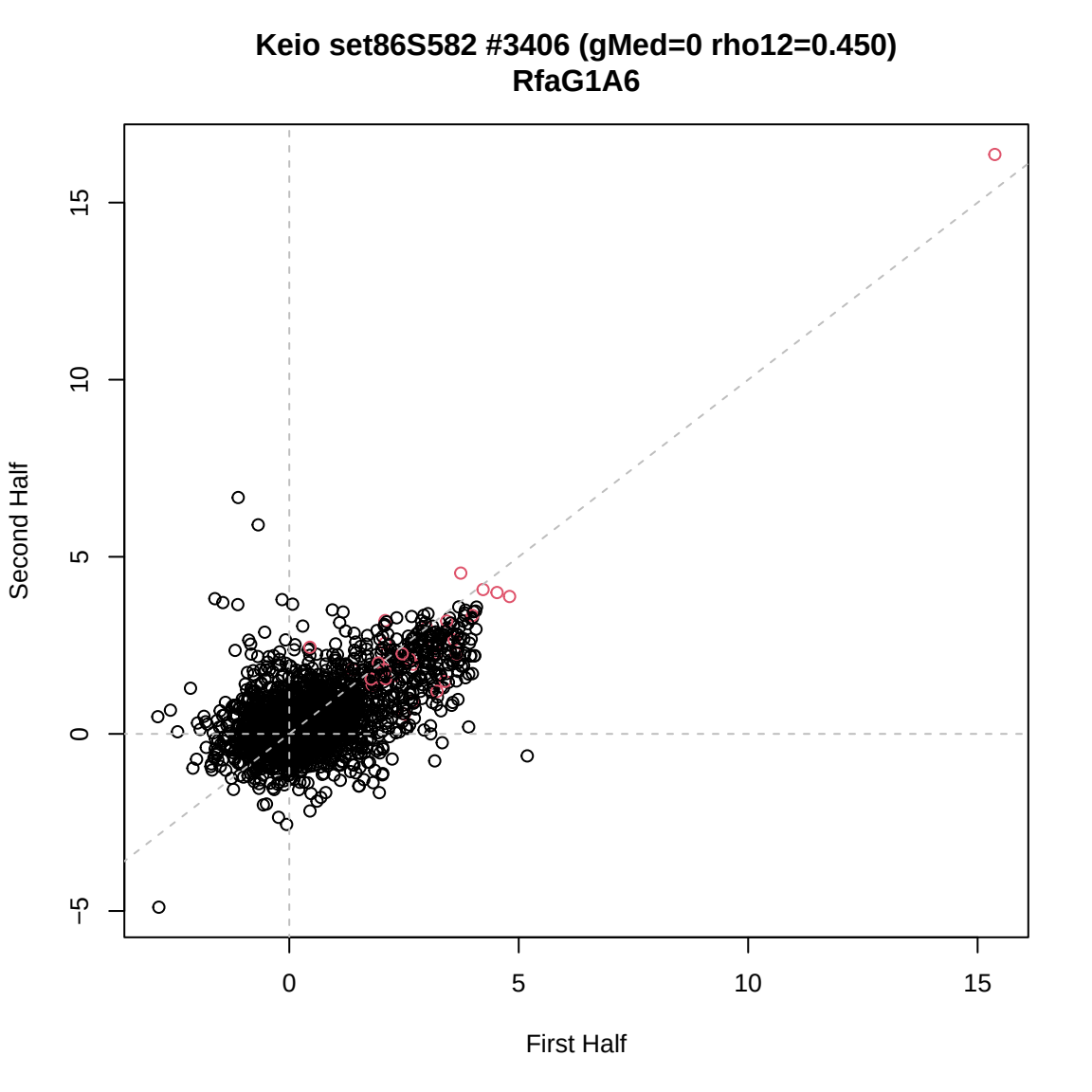

Keio set86S577 #3401 (gMed=0 rho12=0.446)
Rfad1A1
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

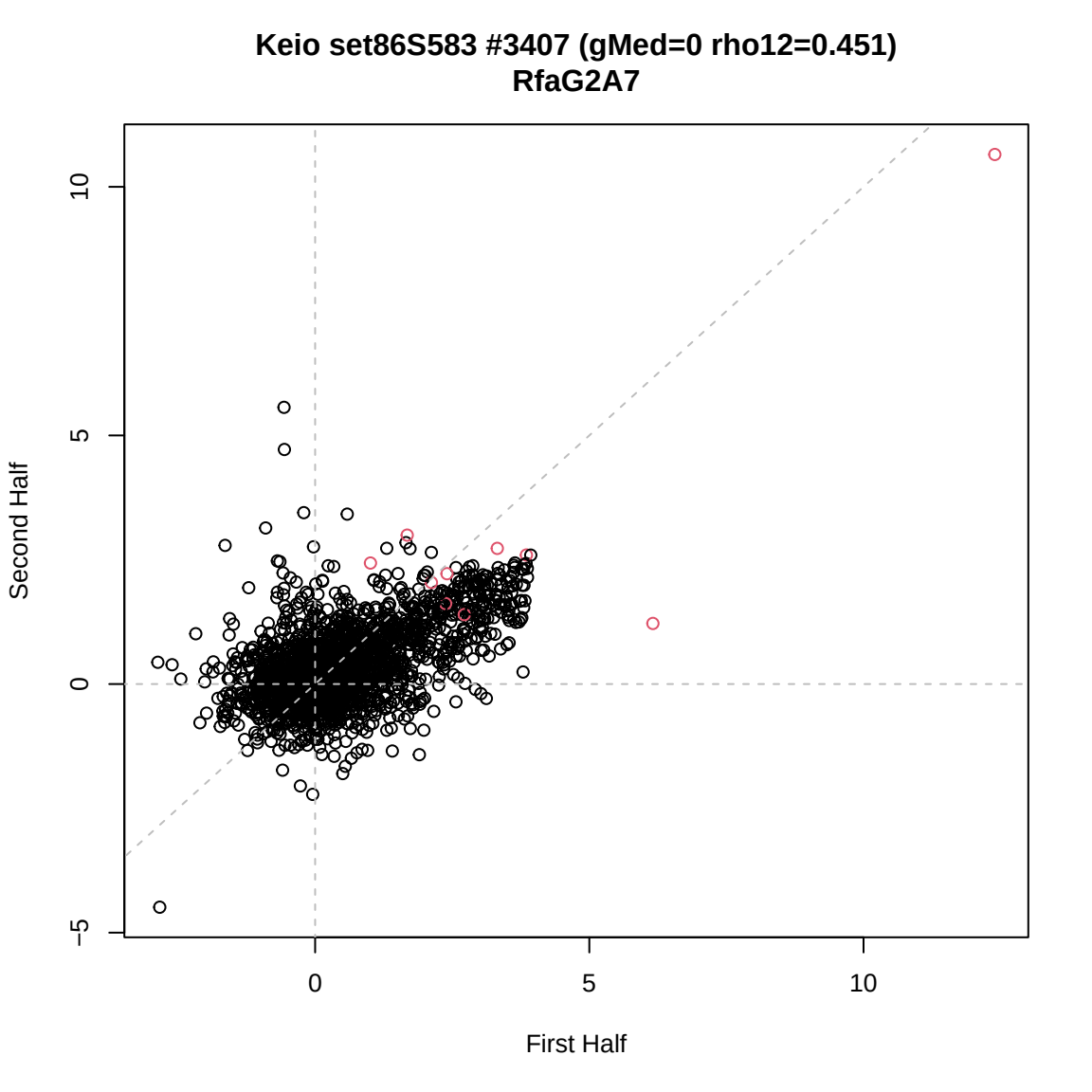

Keio set86S578 #3402 (gMed=0 rho12=0.464)
Rfad2A2
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

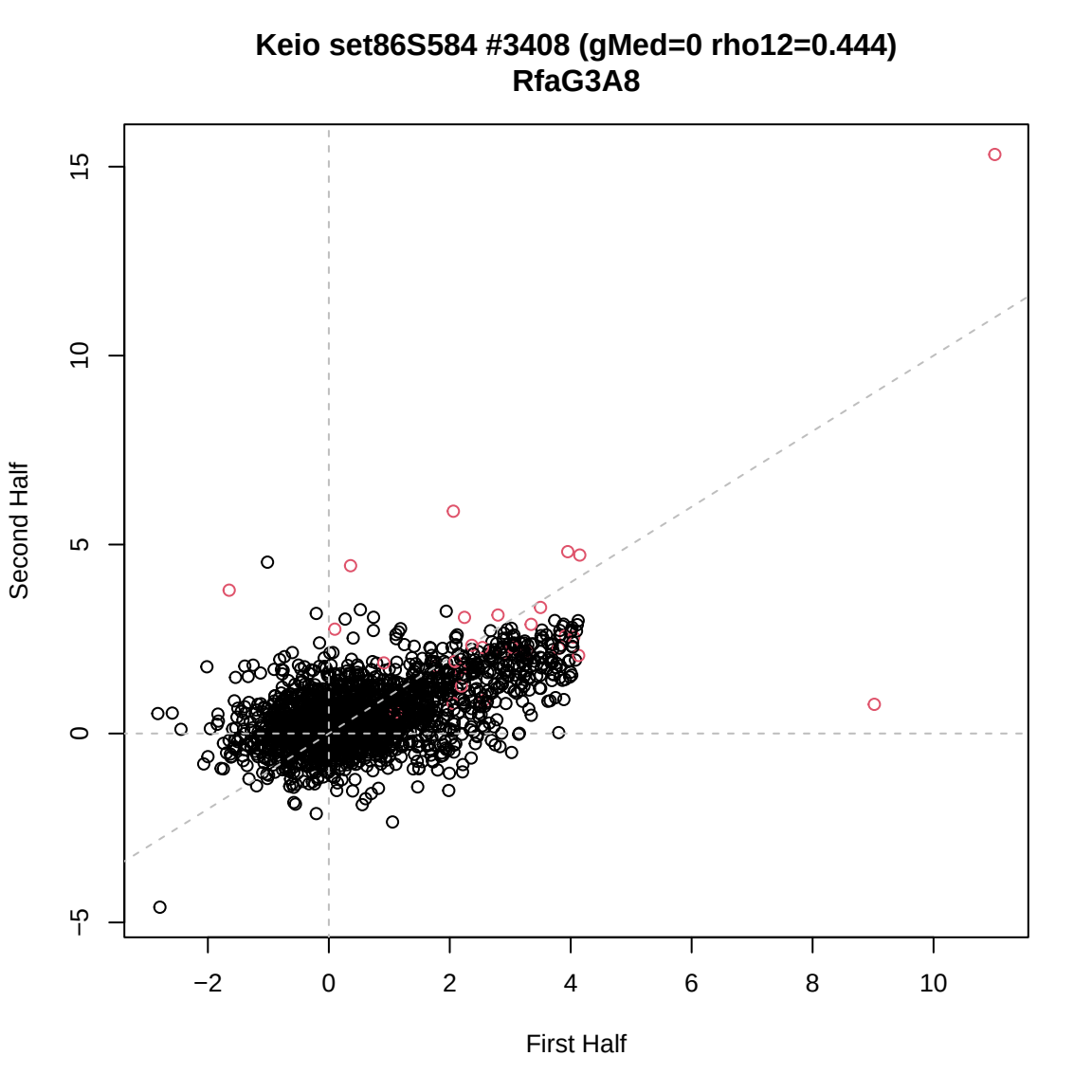

Keio set86S579 #3403 (gMed=0 rho12=0.427)
Rfad3A3
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

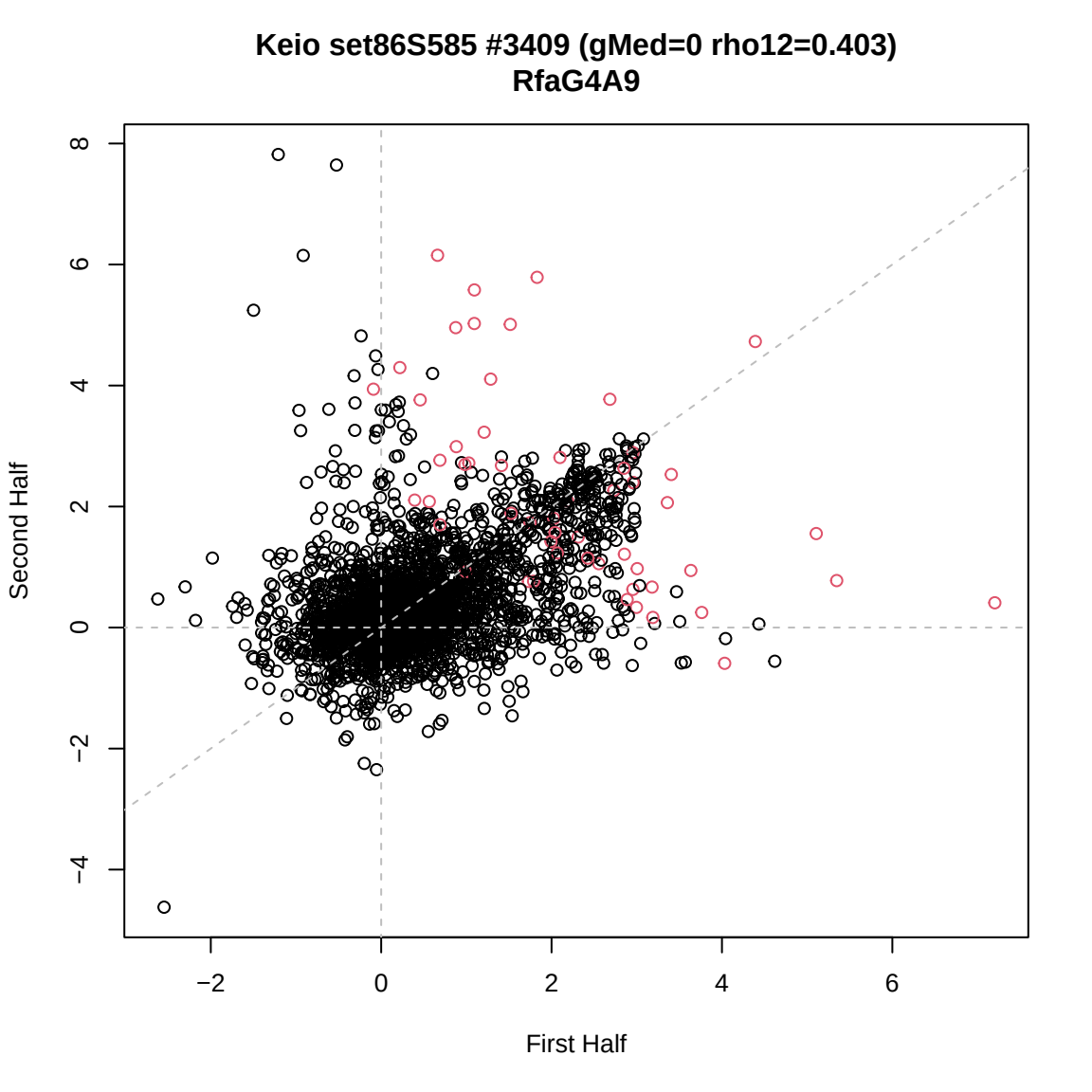

Keio set86S580 #3404 (gMed=0 rho12=0.458)
Rfad4A4
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6
8
10

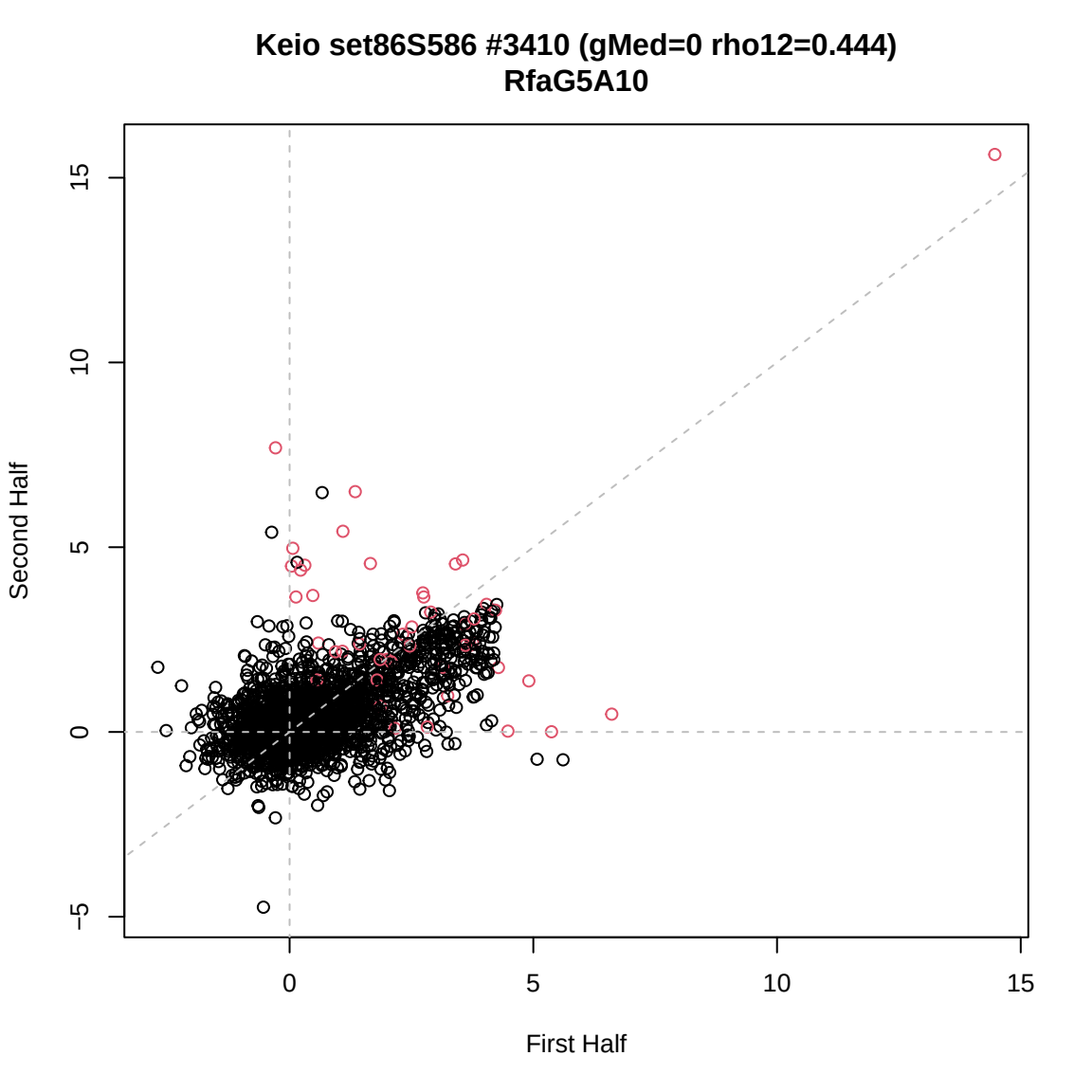

Keio set86S581 #3405 (gMed=0 rho12=0.420)
Rfad5A5
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

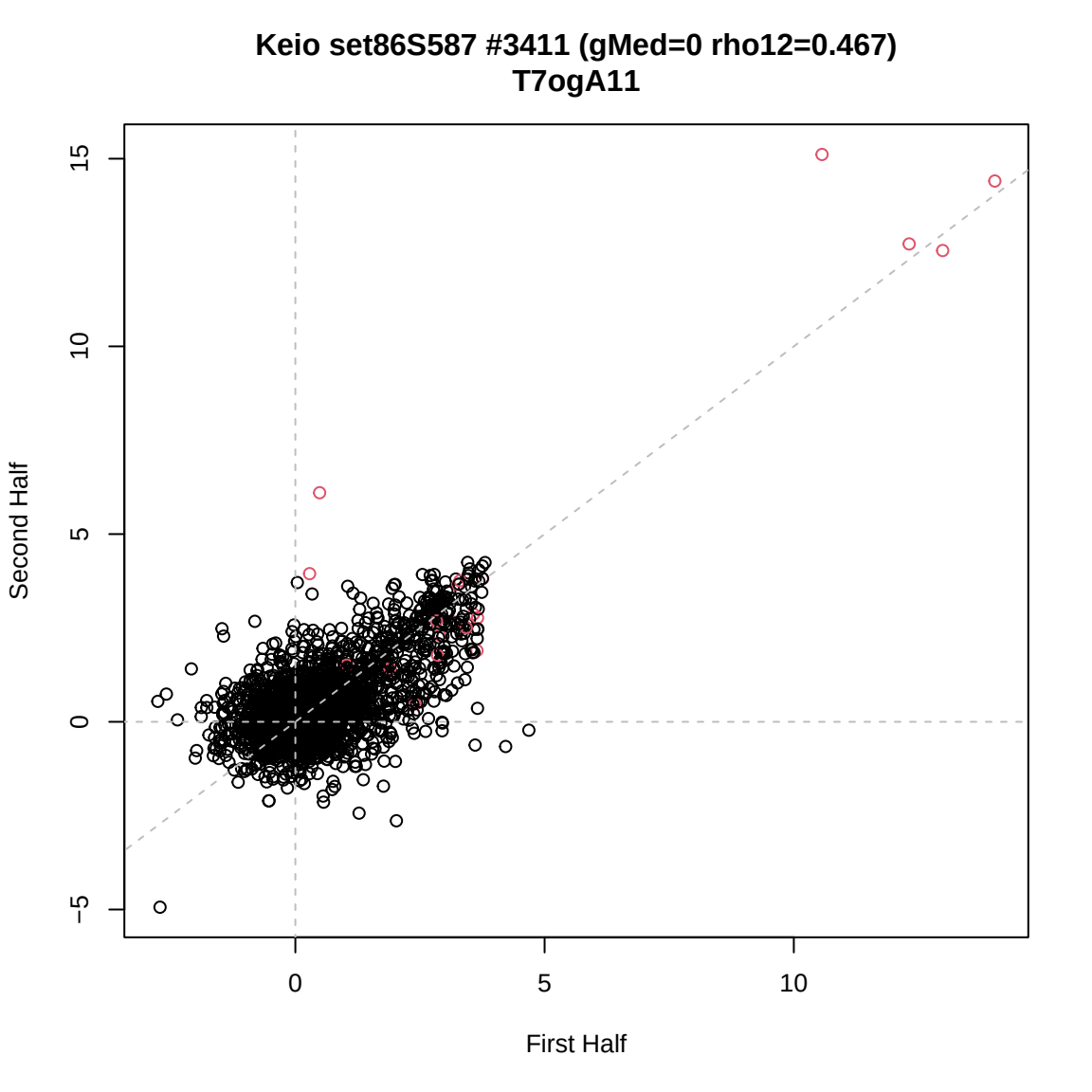

Keio set86S582 #3406 (gMed=0 rho12=0.450)
RfaG1A6
Second Half
First Half
15
10
5
0
−5
0
5
10
15

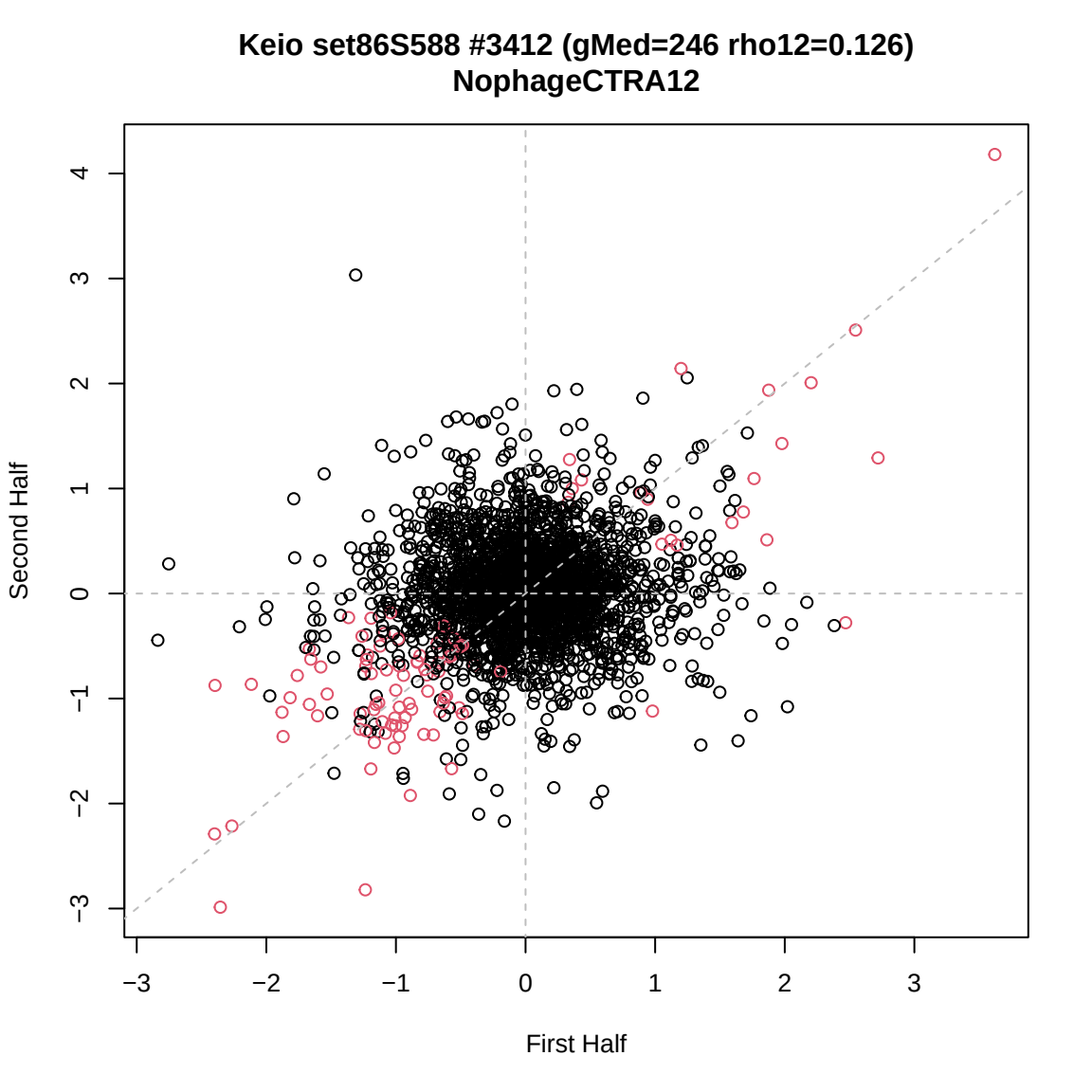

Keio set86S583 #3407 (gMed=0 rho12=0.451)
RfaG2A7
Second Half
First Half
10
5
0
−5
0
5
10

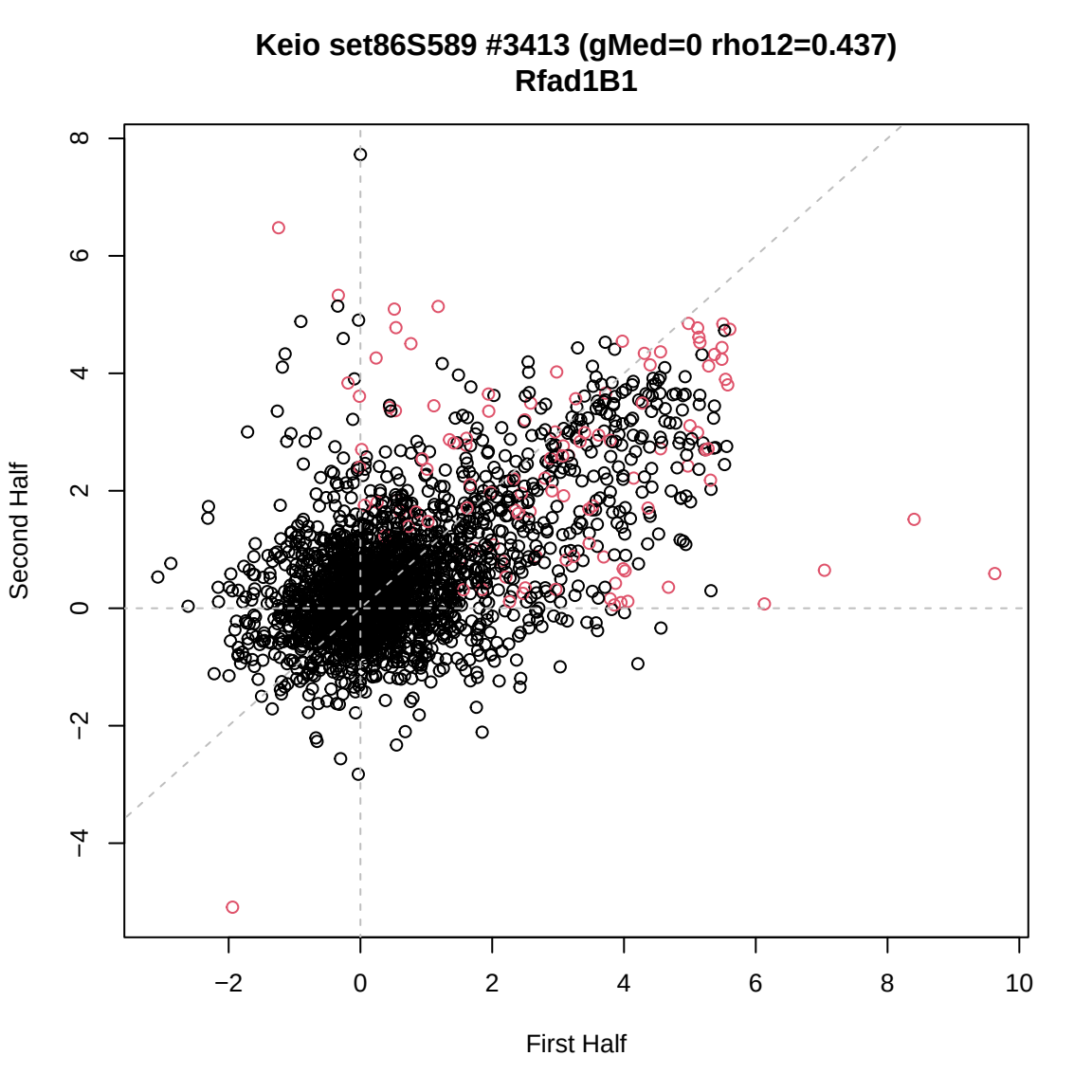

Keio set86S584 #3408 (gMed=0 rho12=0.444)
RfaG3A8
Second Half
First Half
15
10
5
0
−5
−2
0
2
4
6
8
10

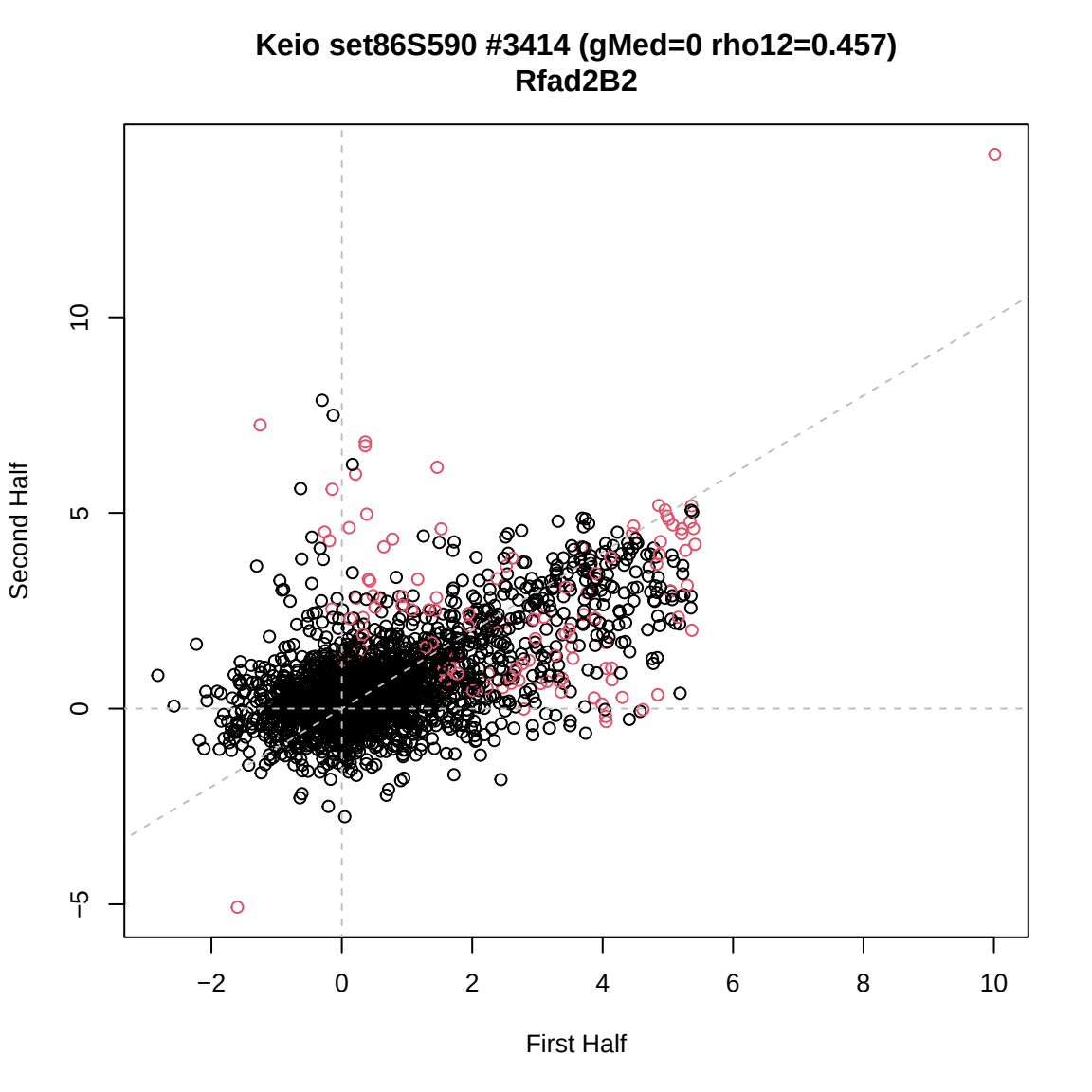

Keio set86S585 #3409 (gMed=0 rho12=0.403)
RfaG4A9
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

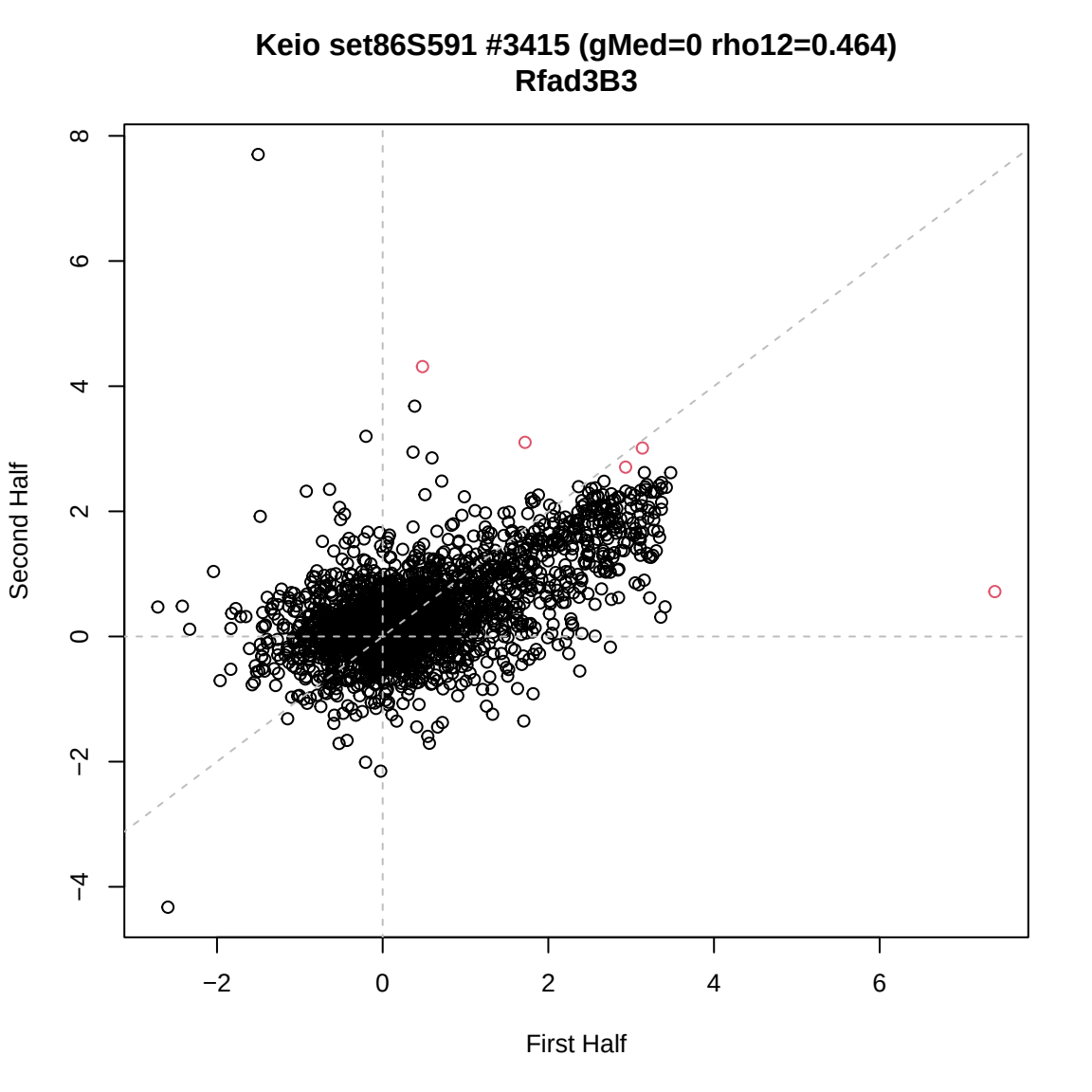

Keio set86S586 #3410 (gMed=0 rho12=0.444)
RfaG5A10
Second Half
First Half
15
10
5
0
−5
0
5
10
15

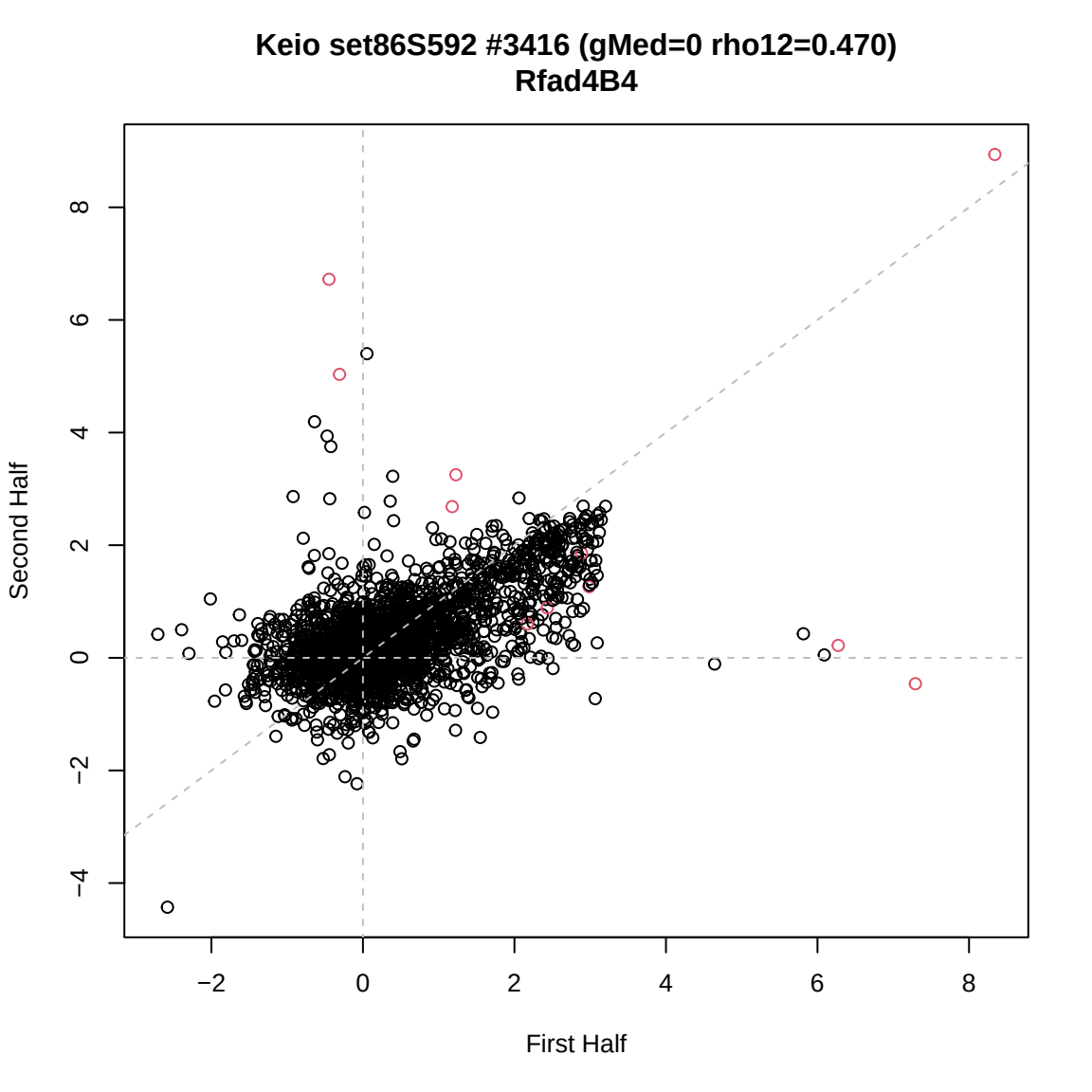

Keio set86S587 #3411 (gMed=0 rho12=0.467)
T7ogA11
Second Half
First Half
15
10
5
0
−5
0
5
10

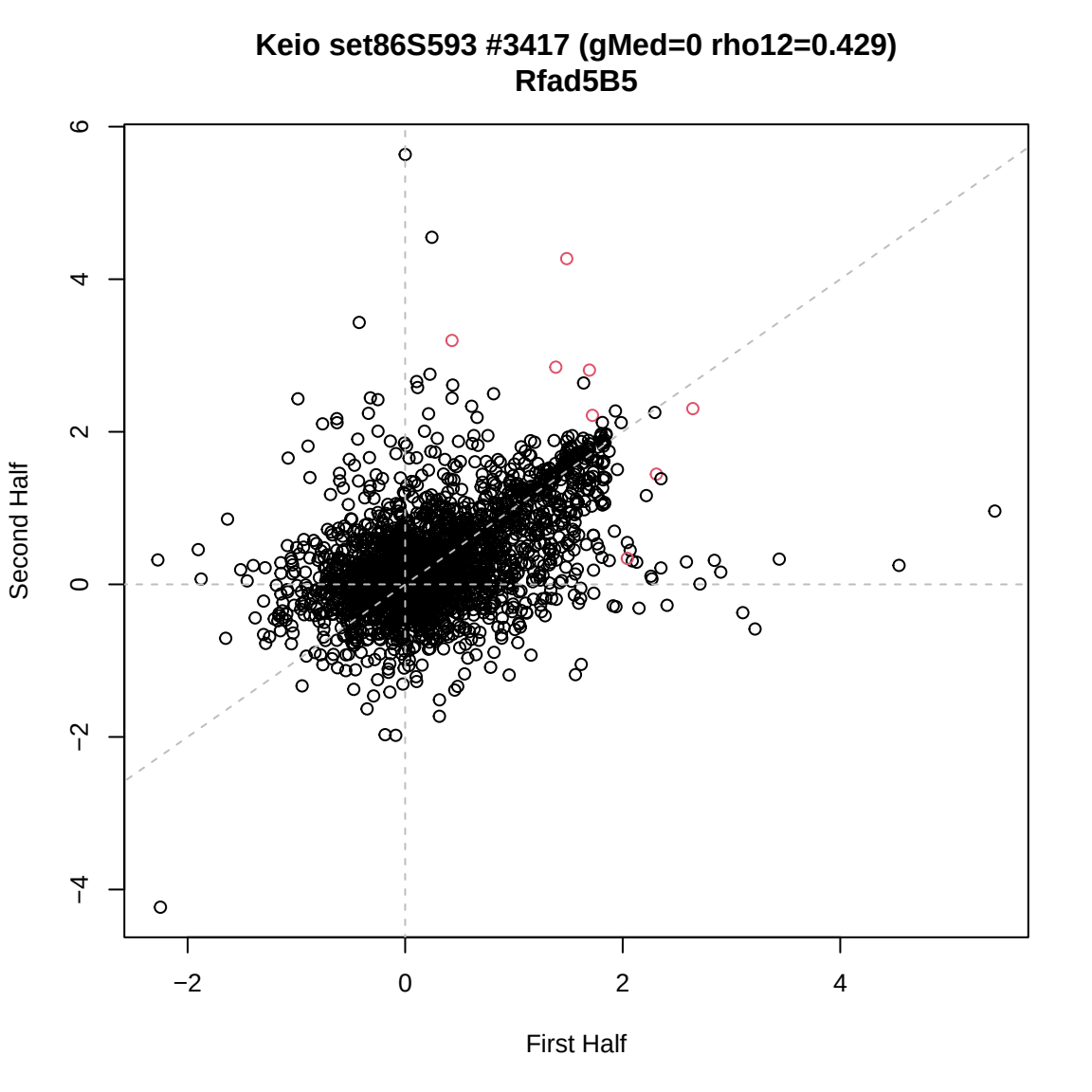

Keio set86S588 #3412 (gMed=246 rho12=0.126)
NophageCTRA12
Second Half
First Half
−3
−2
−1
0
1
2
3
4

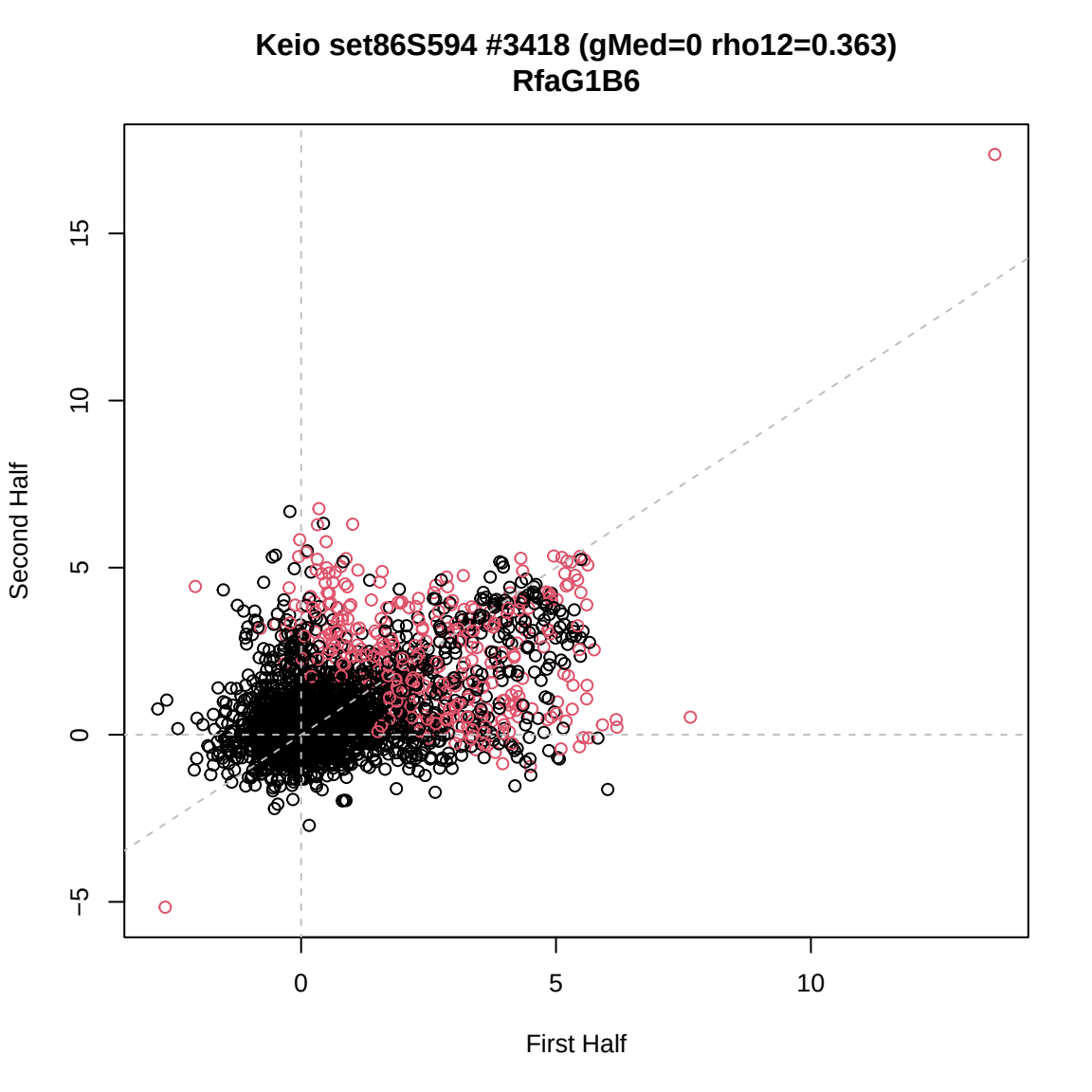

Keio set86S589 #3413 (gMed=0 rho12=0.437)
Rfad1B1
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

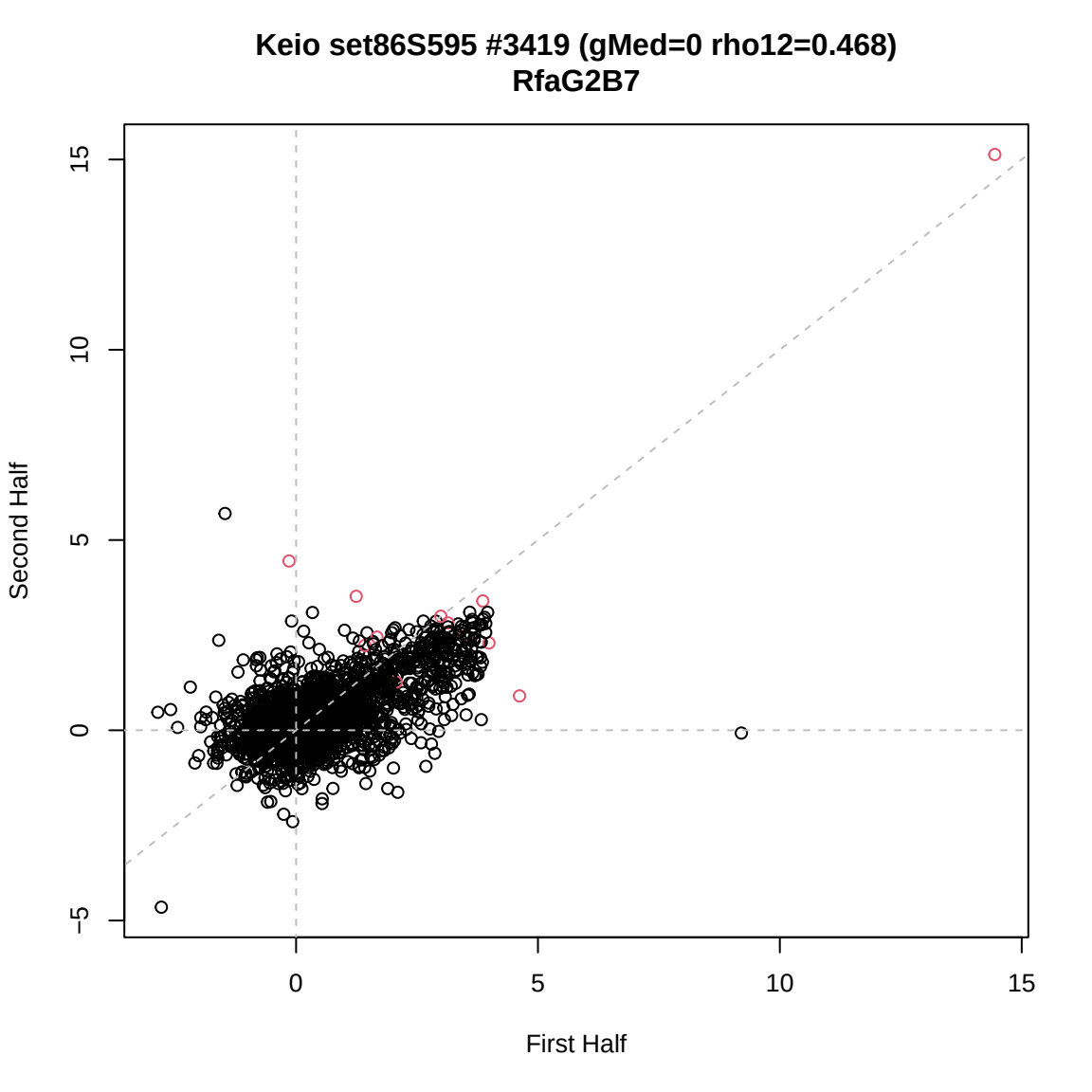

Keio set86S590 #3414 (gMed=0 rho12=0.457)
Rfad2B2
Second Half
First Half
10
5
0
−5
−2
0
2
4
6
8
10

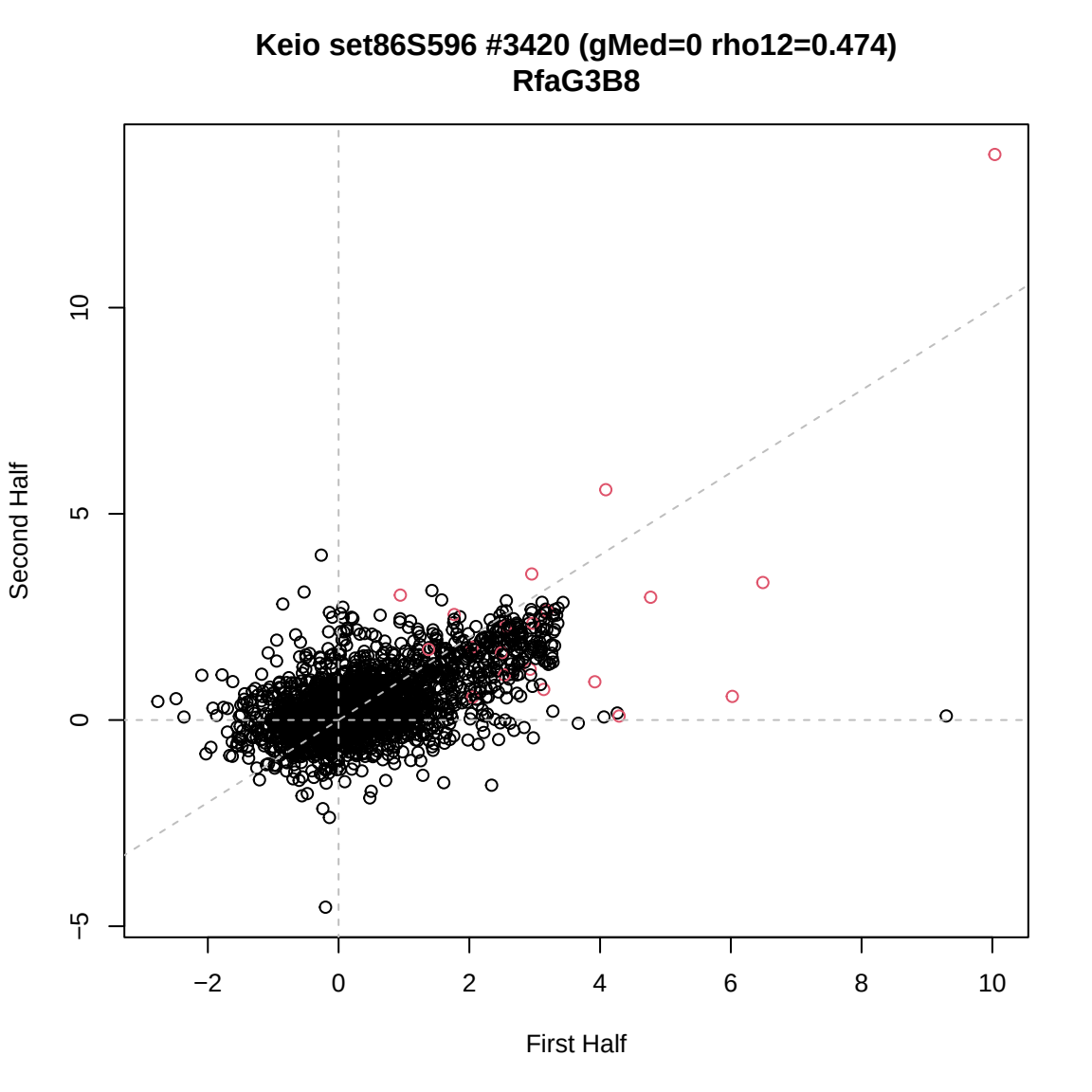

Keio set86S591 #3415 (gMed=0 rho12=0.464)
Rfad3B3
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

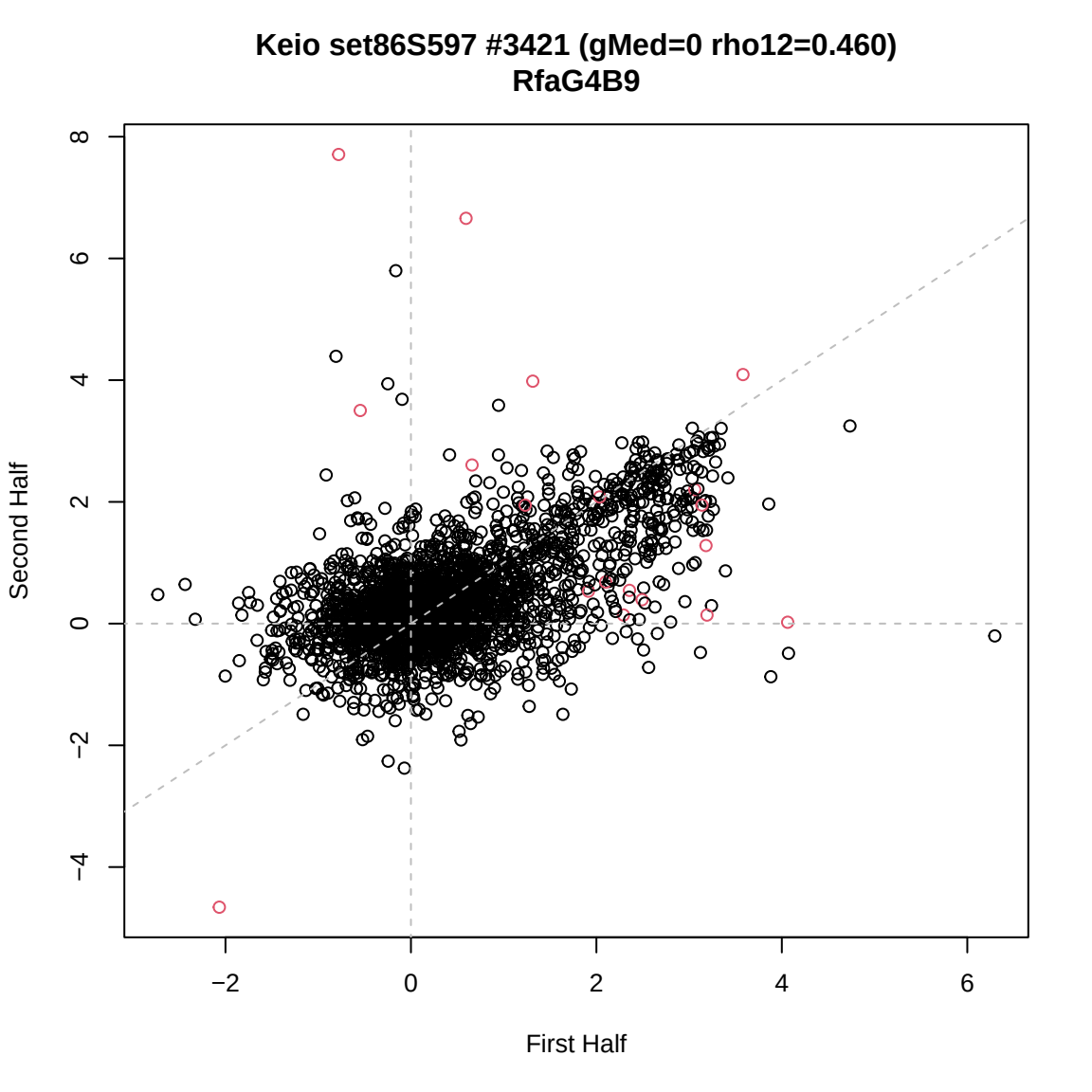

Keio set86S592 #3416 (gMed=0 rho12=0.470)
Rfad4B4
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

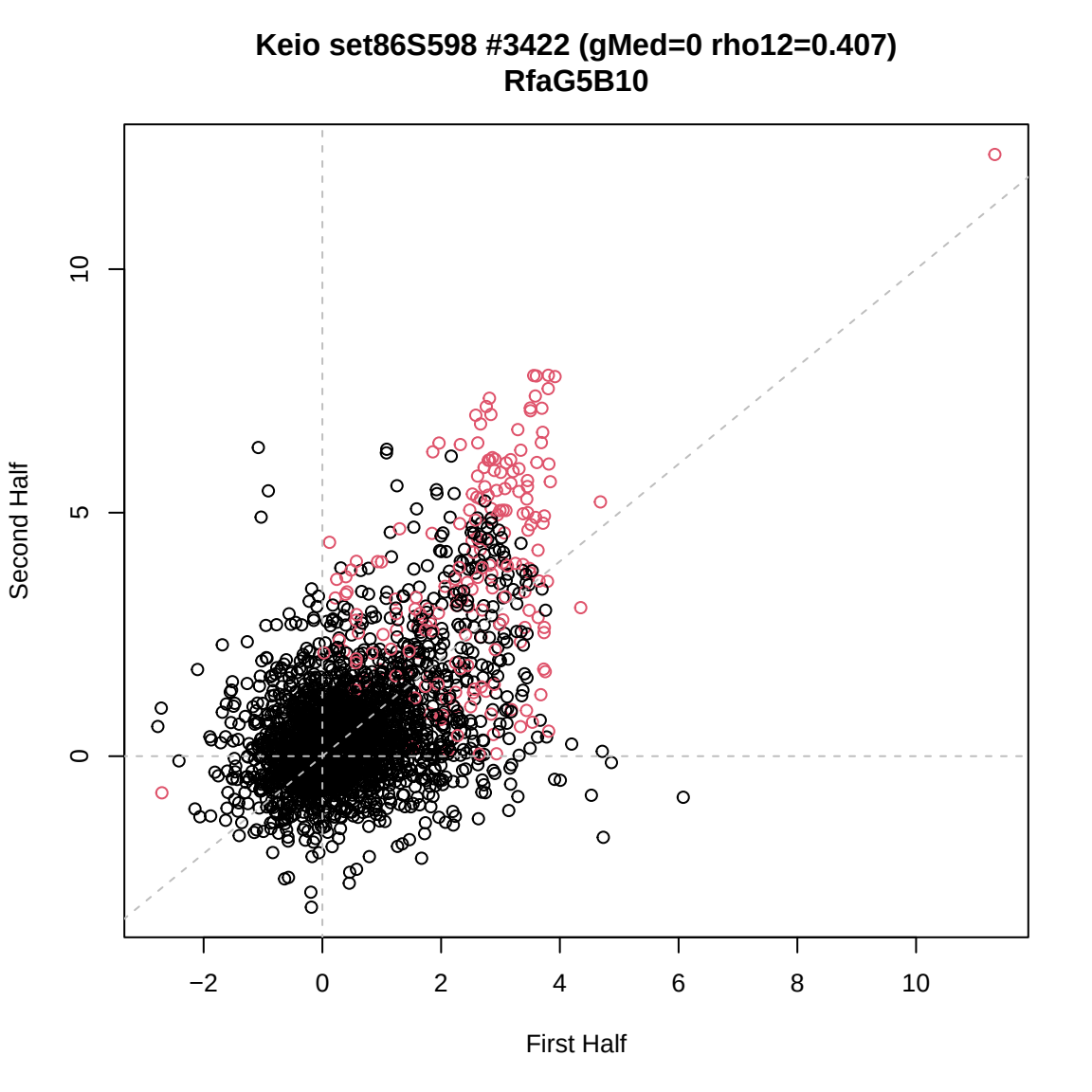

Keio set86S593 #3417 (gMed=0 rho12=0.429)
Rfad5B5
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4

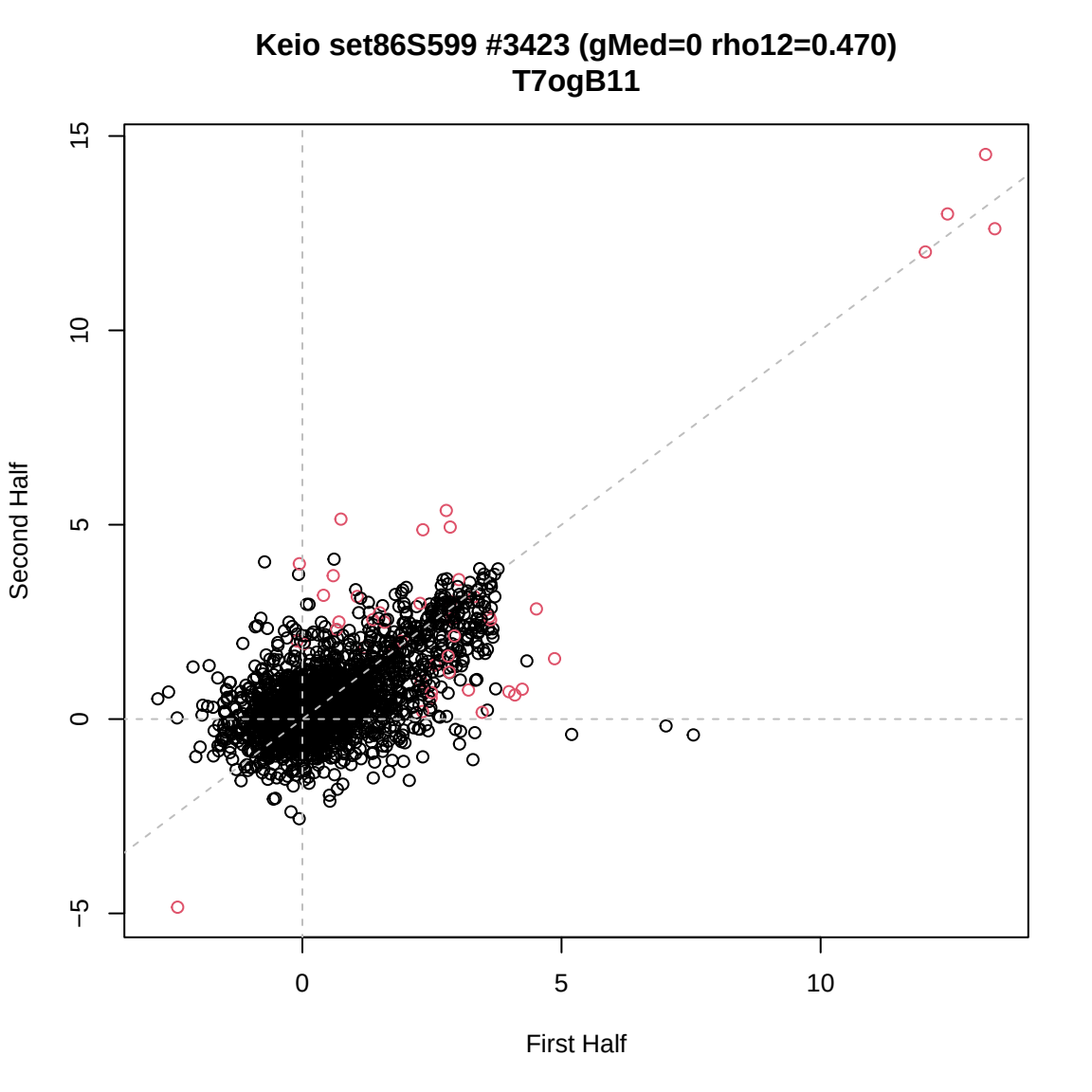

Keio set86S594 #3418 (gMed=0 rho12=0.363)
RfaG1B6
Second Half
First Half
15
10
5
0
−5
0
5
10

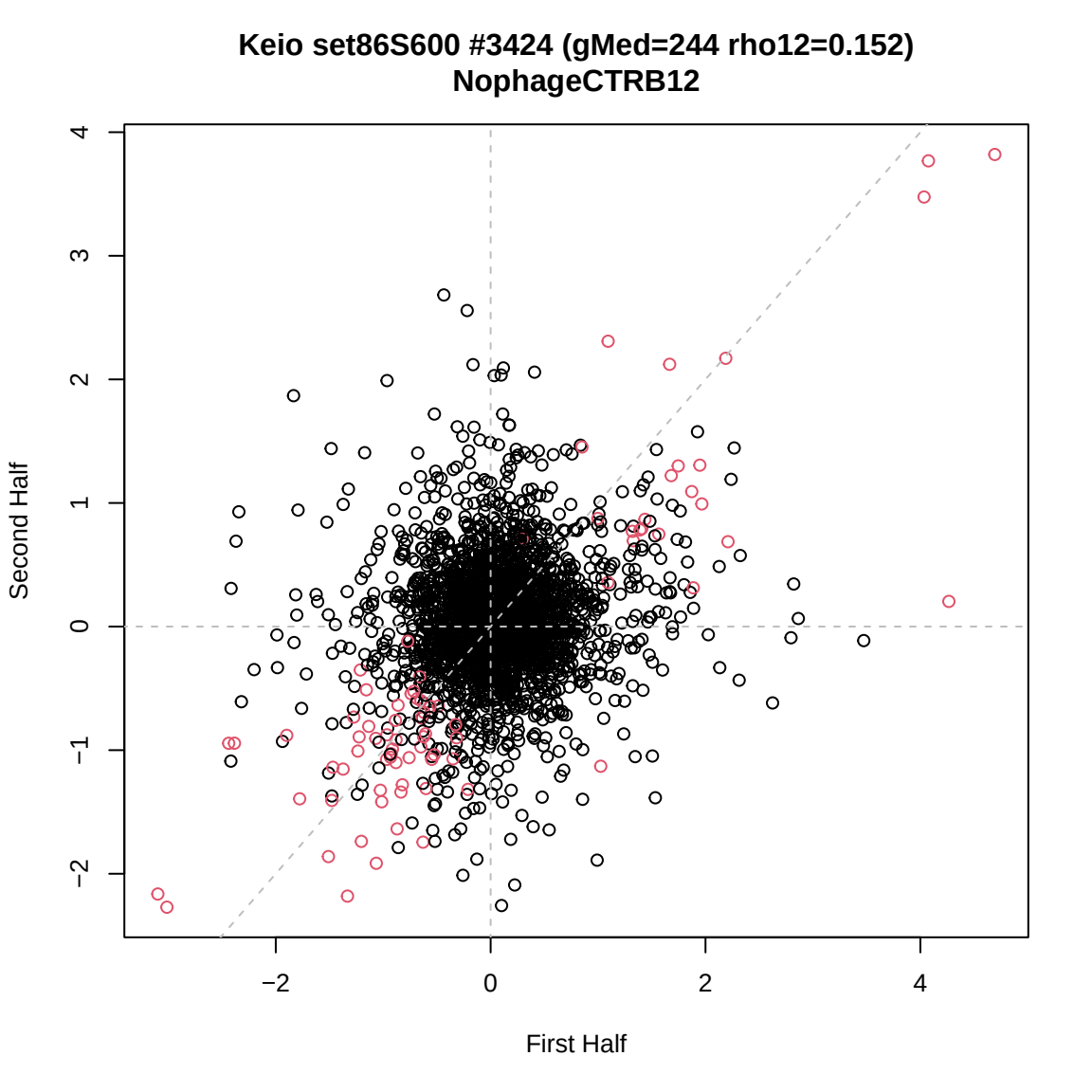

Keio set86S595 #3419 (gMed=0 rho12=0.468)
RfaG2B7
Second Half
First Half
15
10
5
0
−5
0
5
10
15

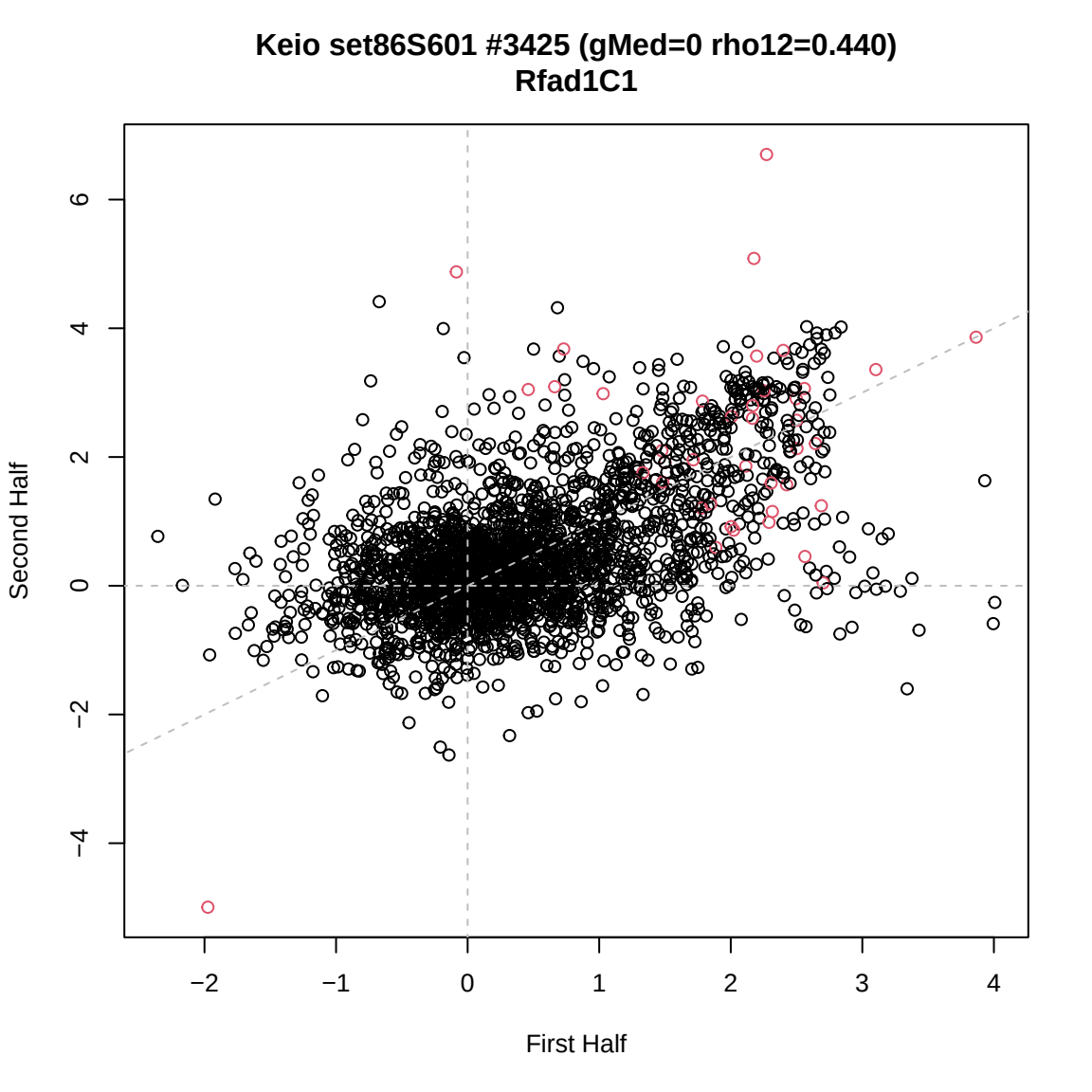

Keio set86S596 #3420 (gMed=0 rho12=0.474)
RfaG3B8
Second Half
First Half
10
5
0
−5
−2
0
2
4
6
8
10

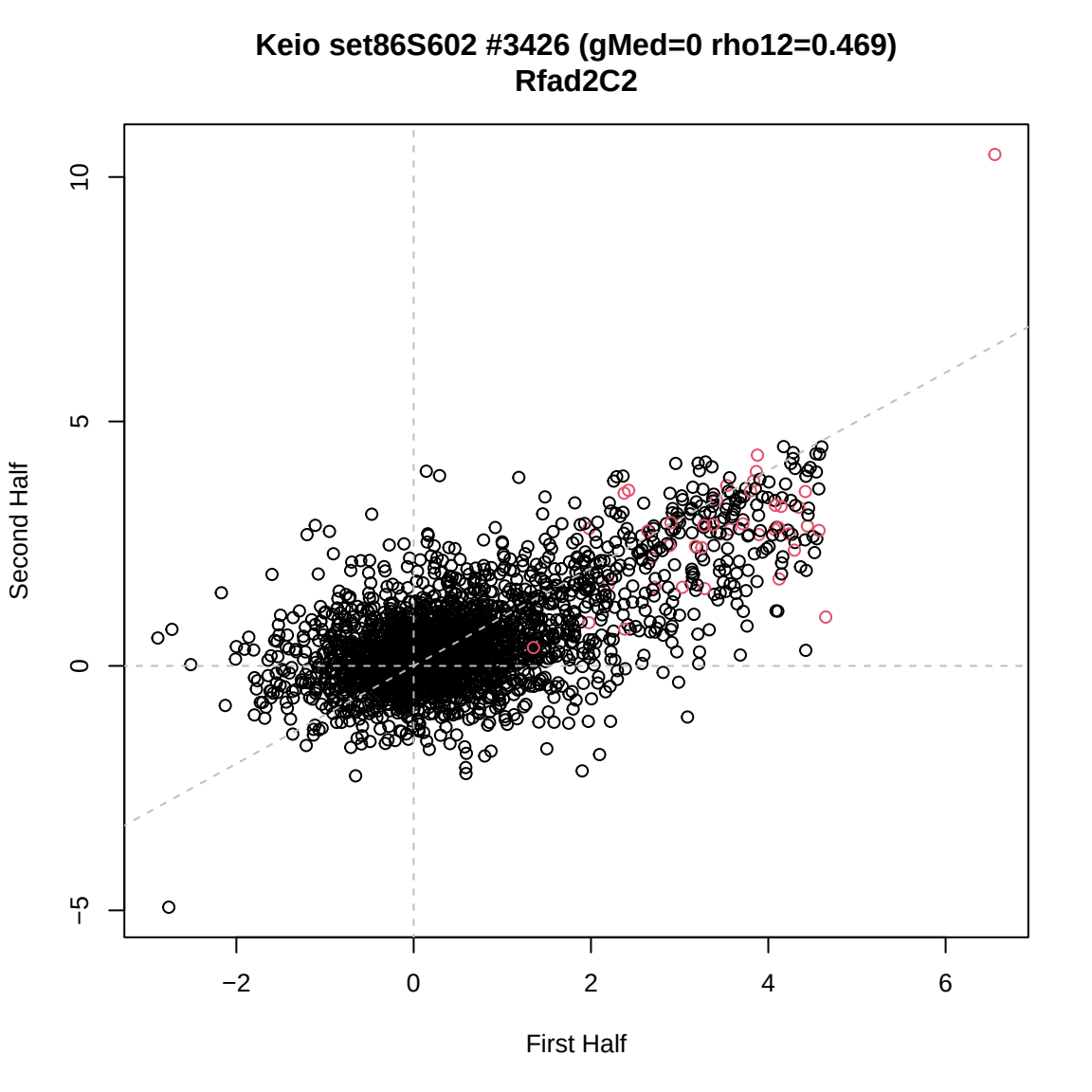

Keio set86S597 #3421 (gMed=0 rho12=0.460)
RfaG4B9
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

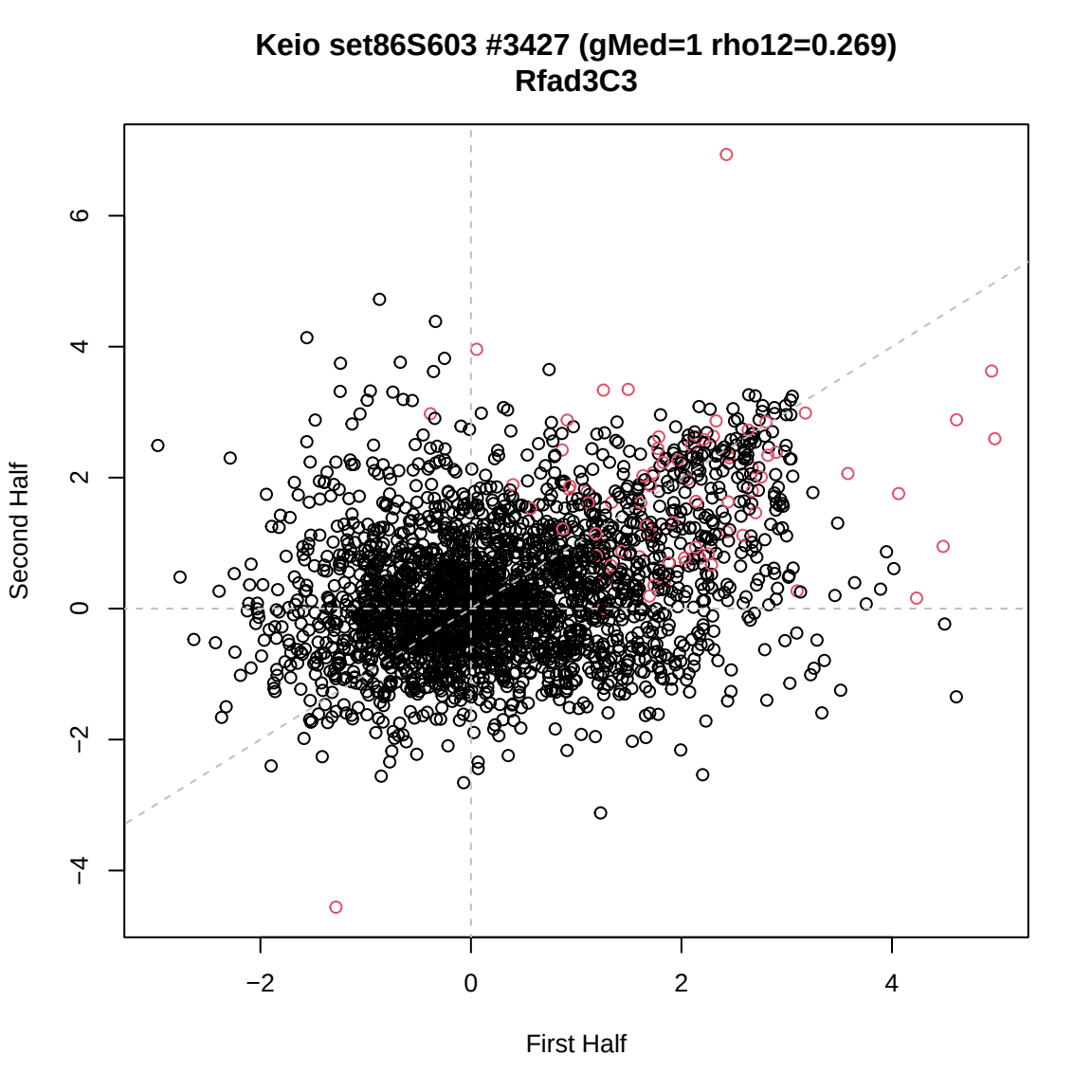

Keio set86S598 #3422 (gMed=0 rho12=0.407)
RfaG5B10
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10

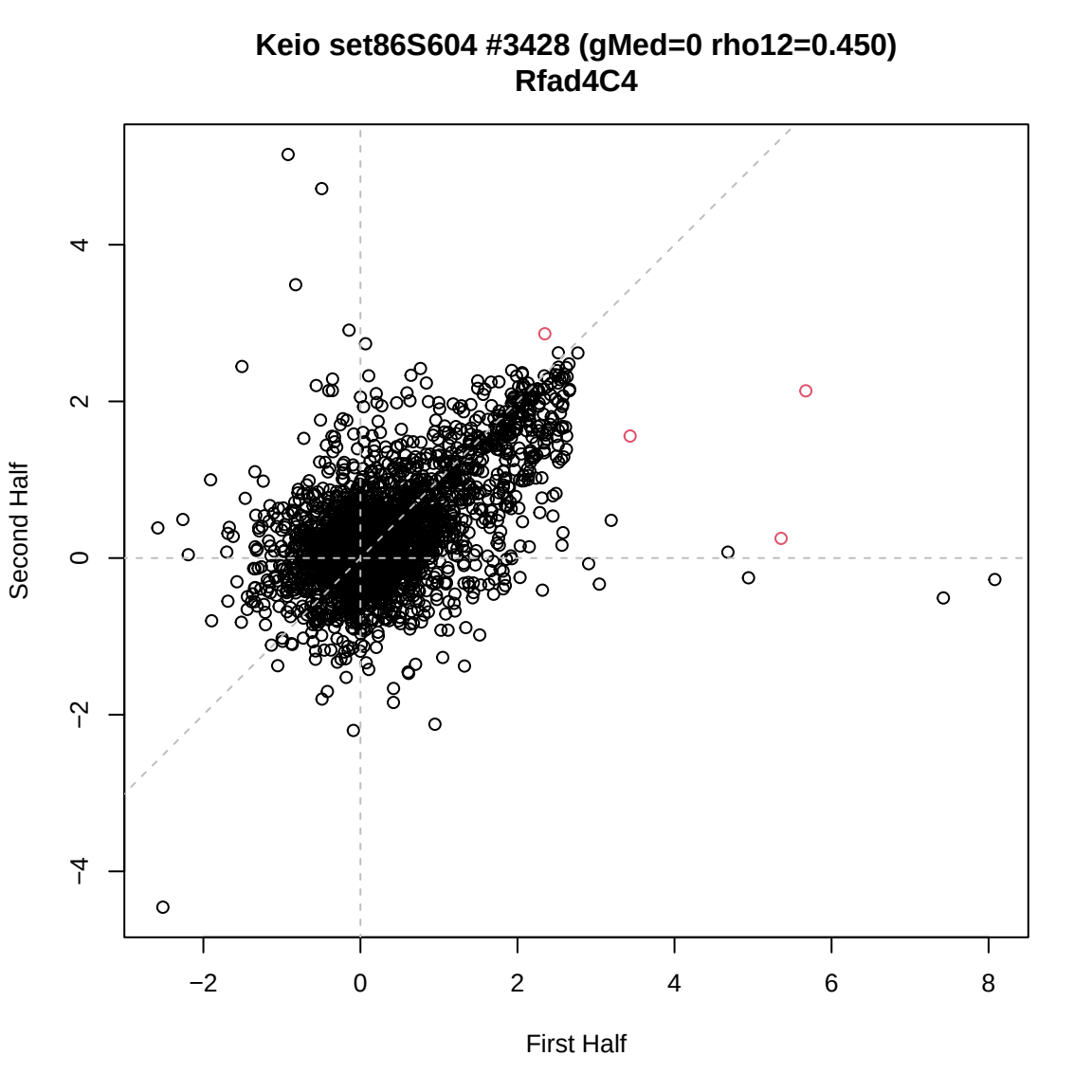

Keio set86S599 #3423 (gMed=0 rho12=0.470)
T7ogB11
Second Half
First Half
15
10
5
0
−5
0
5
10

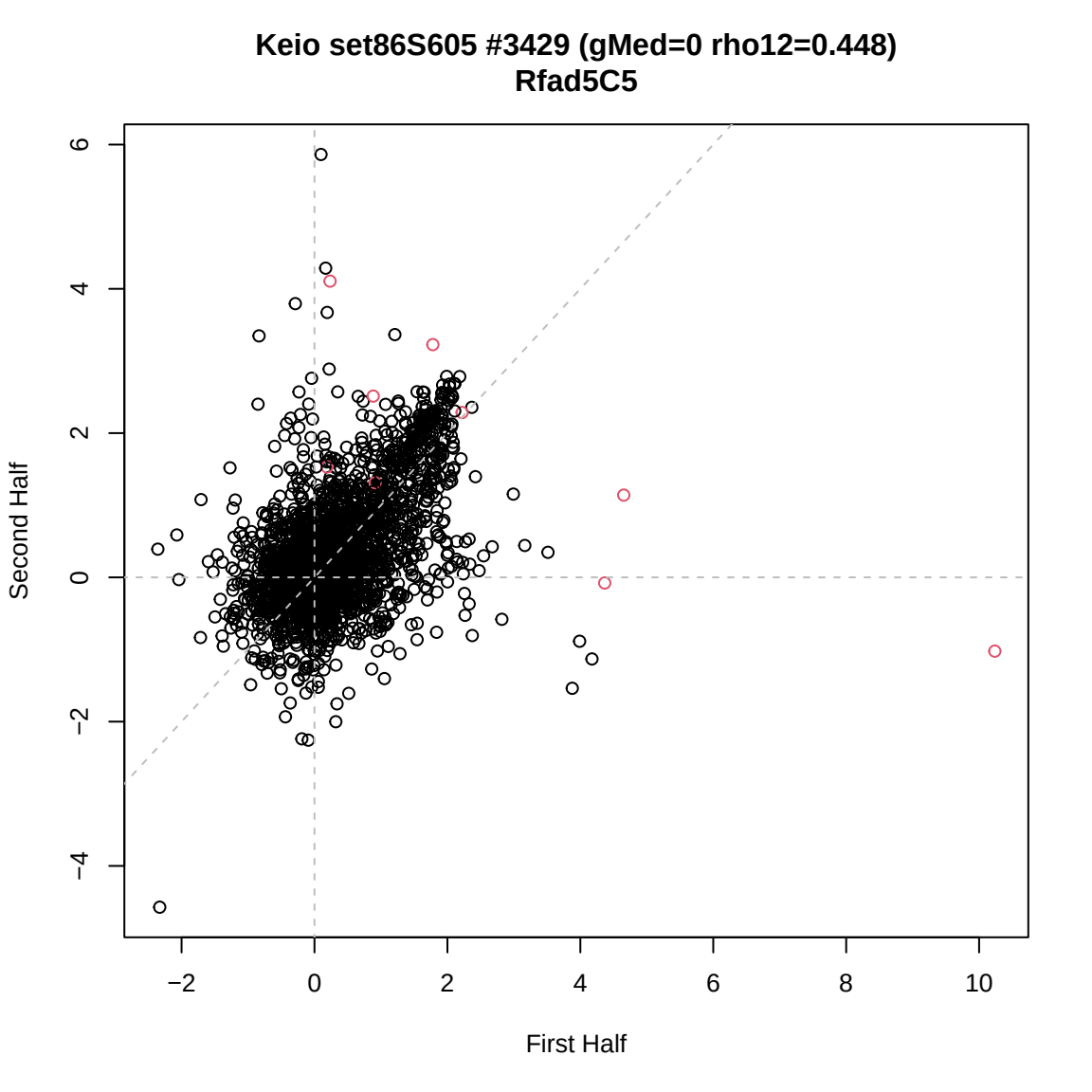

Keio set86S600 #3424 (gMed=244 rho12=0.152)
NophageCTRB12
Second Half
First Half
4
3
2
1
0
−1
−2
−2
0
2
4

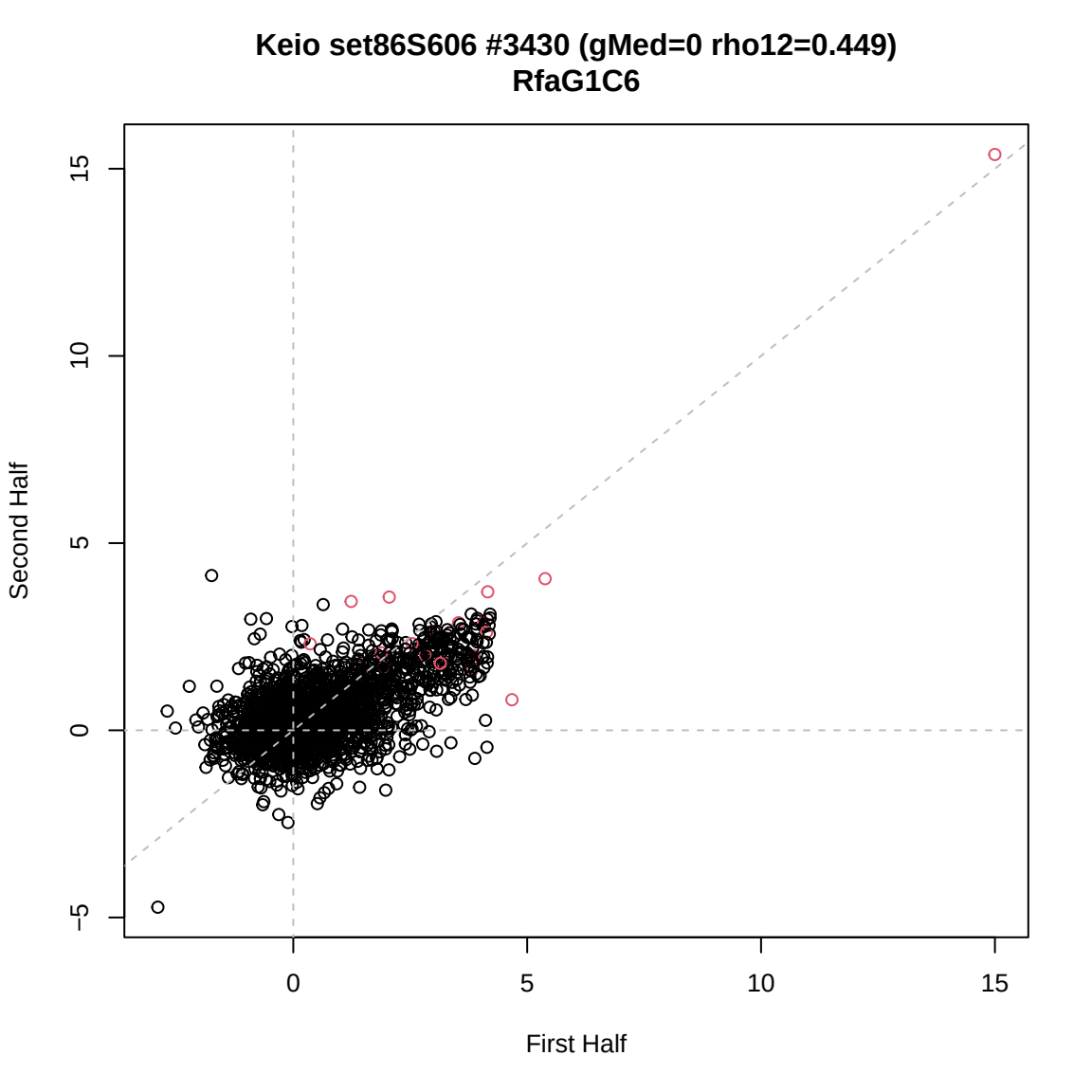

Keio set86S601 #3425 (gMed=0 rho12=0.440)
Rfad1C1
Second Half
First Half
6
4
2
0
−2
−4
−2
−1
0
1
2
3
4

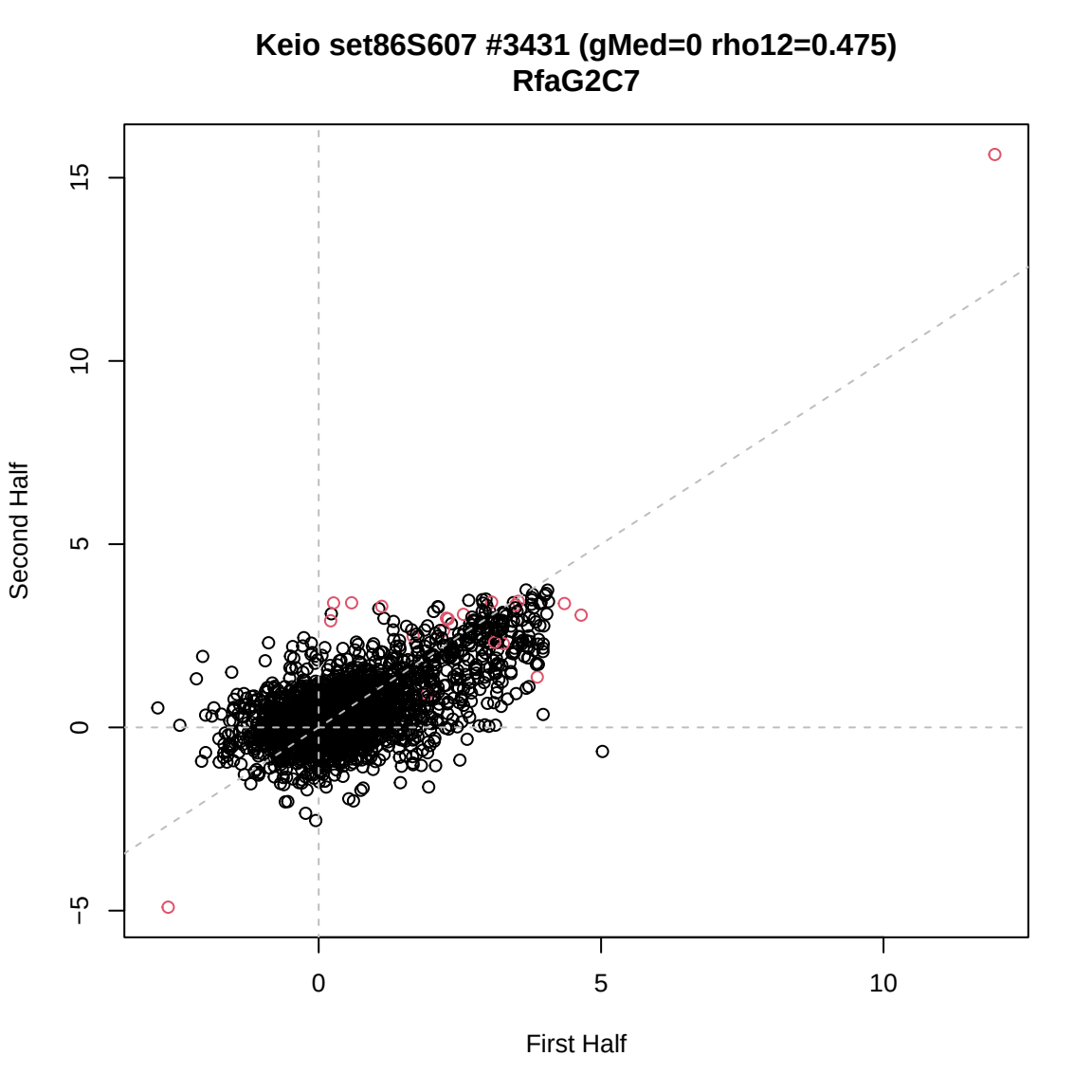

Keio set86S602 #3426 (gMed=0 rho12=0.469)
Rfad2C2
Second Half
First Half
10
5
0
−5
−2
0
2
4
6

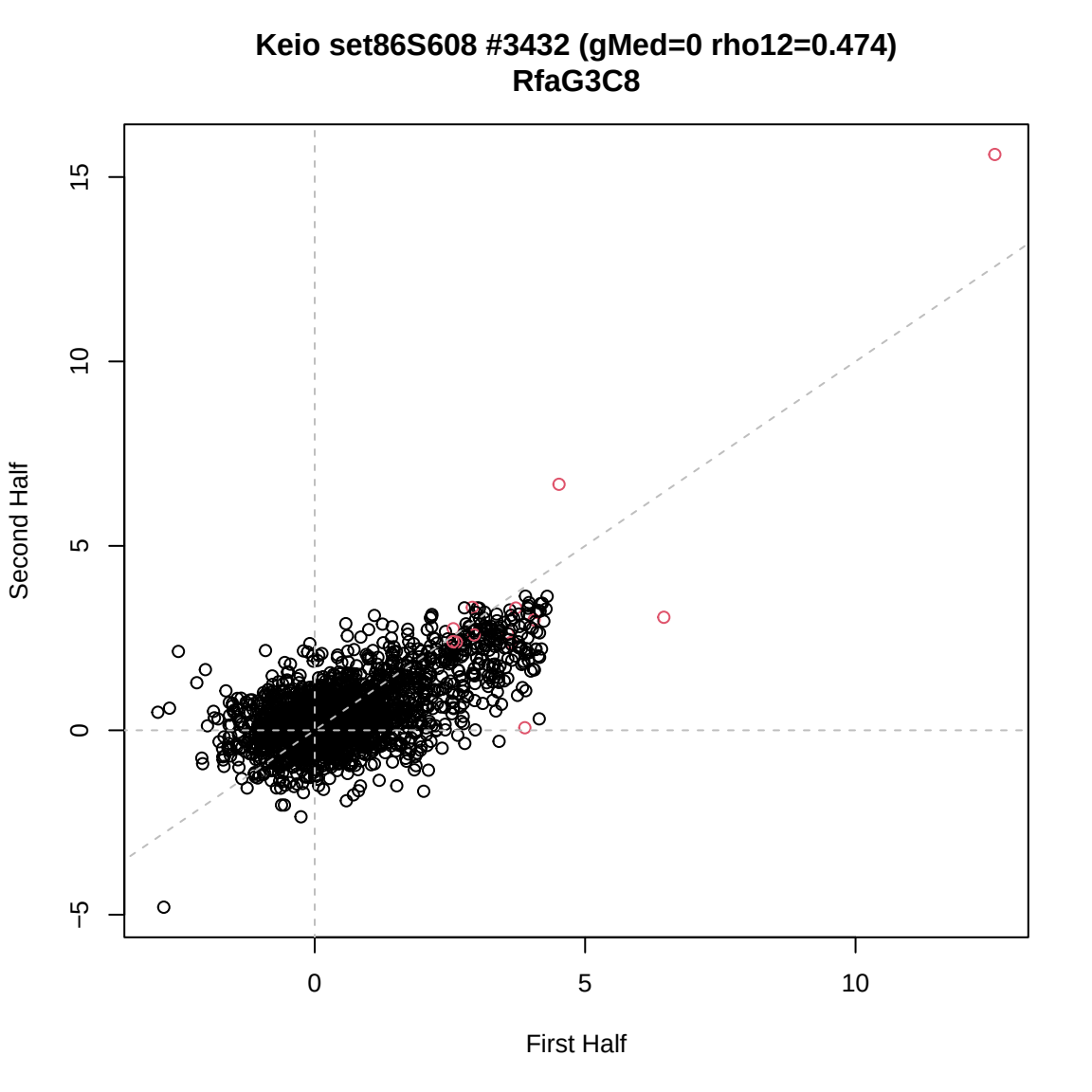

Keio set86S603 #3427 (gMed=1 rho12=0.269)
Rfad3C3
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4

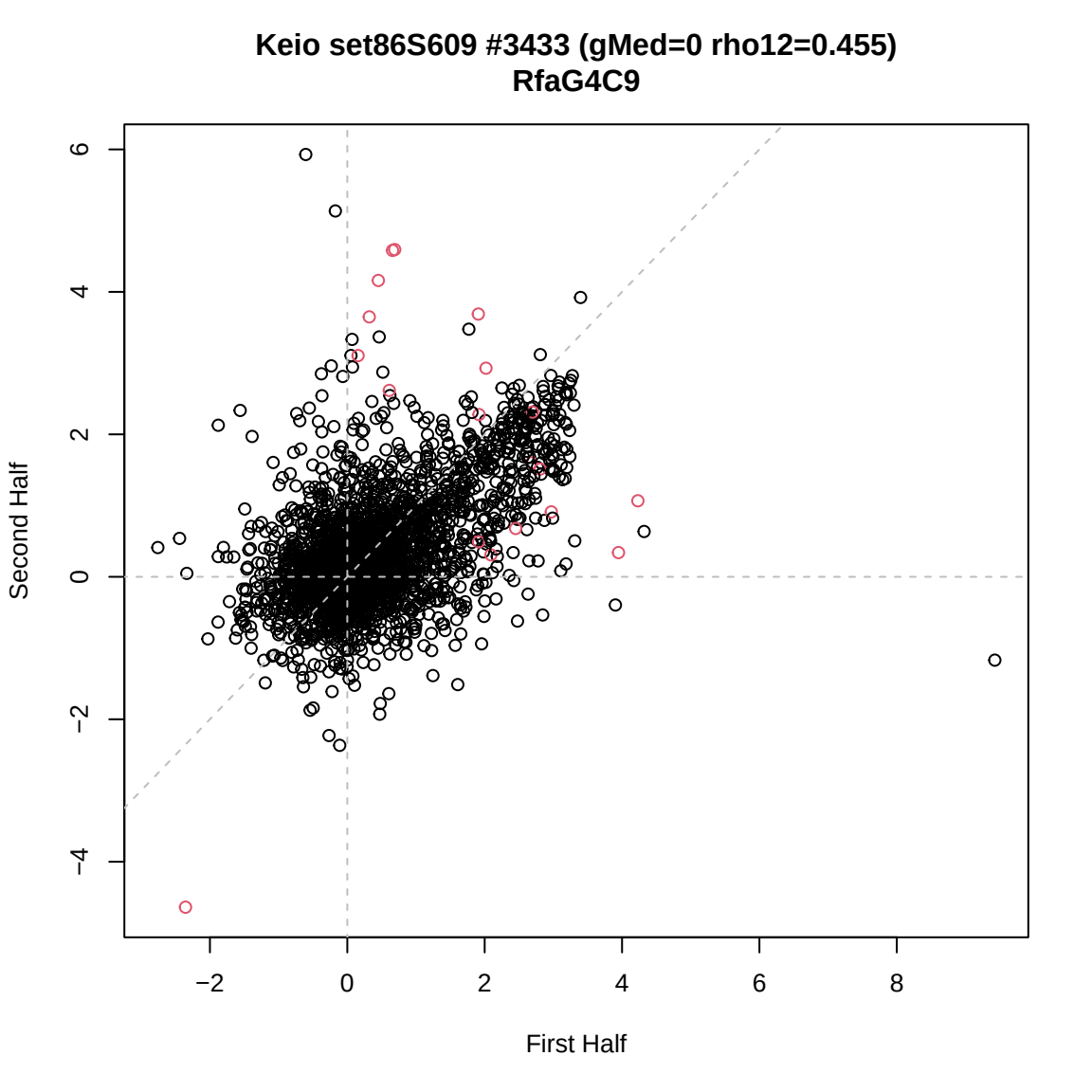

Keio set86S604 #3428 (gMed=0 rho12=0.450)
Rfad4C4
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6
8

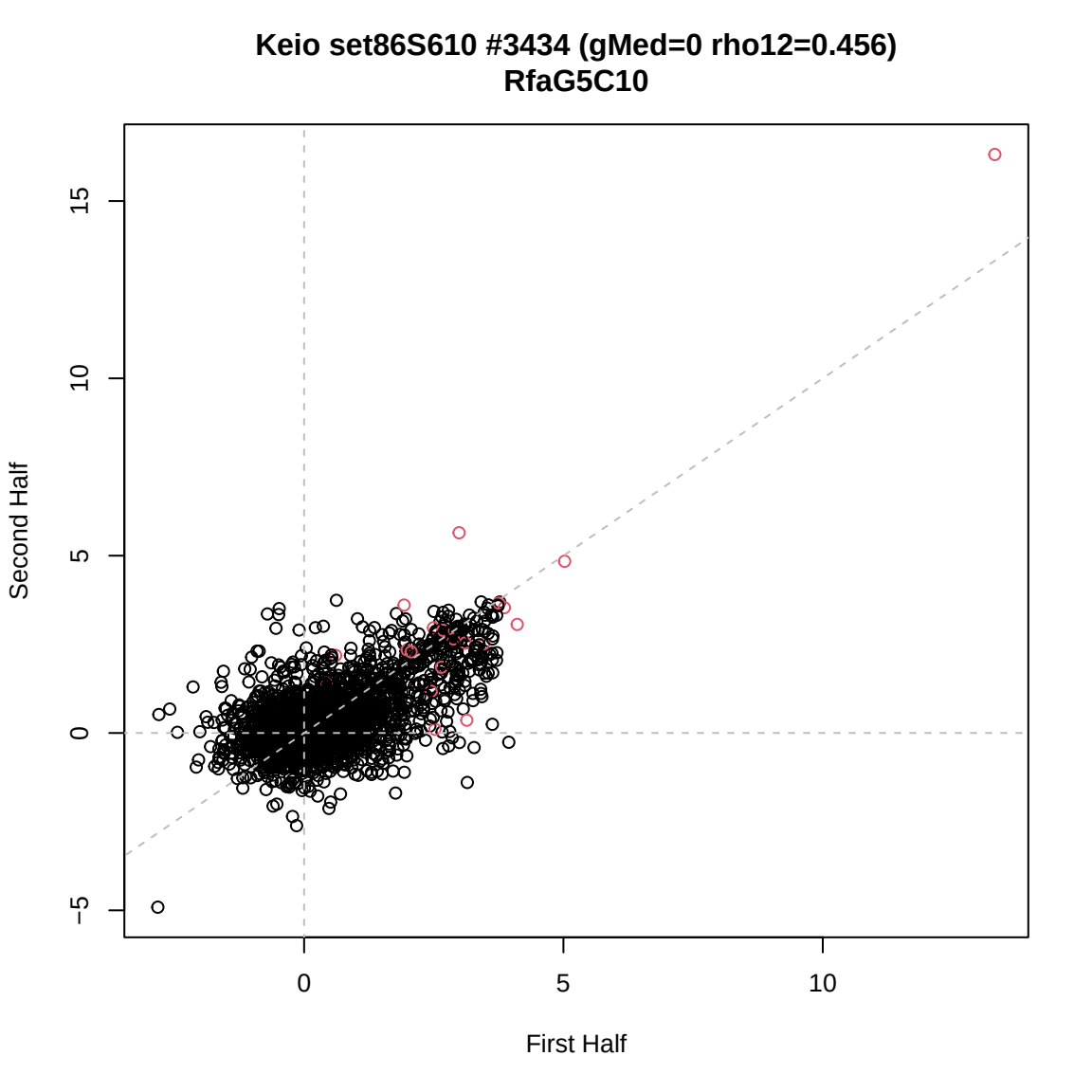

Keio set86S605 #3429 (gMed=0 rho12=0.448)
Rfad5C5
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8
10

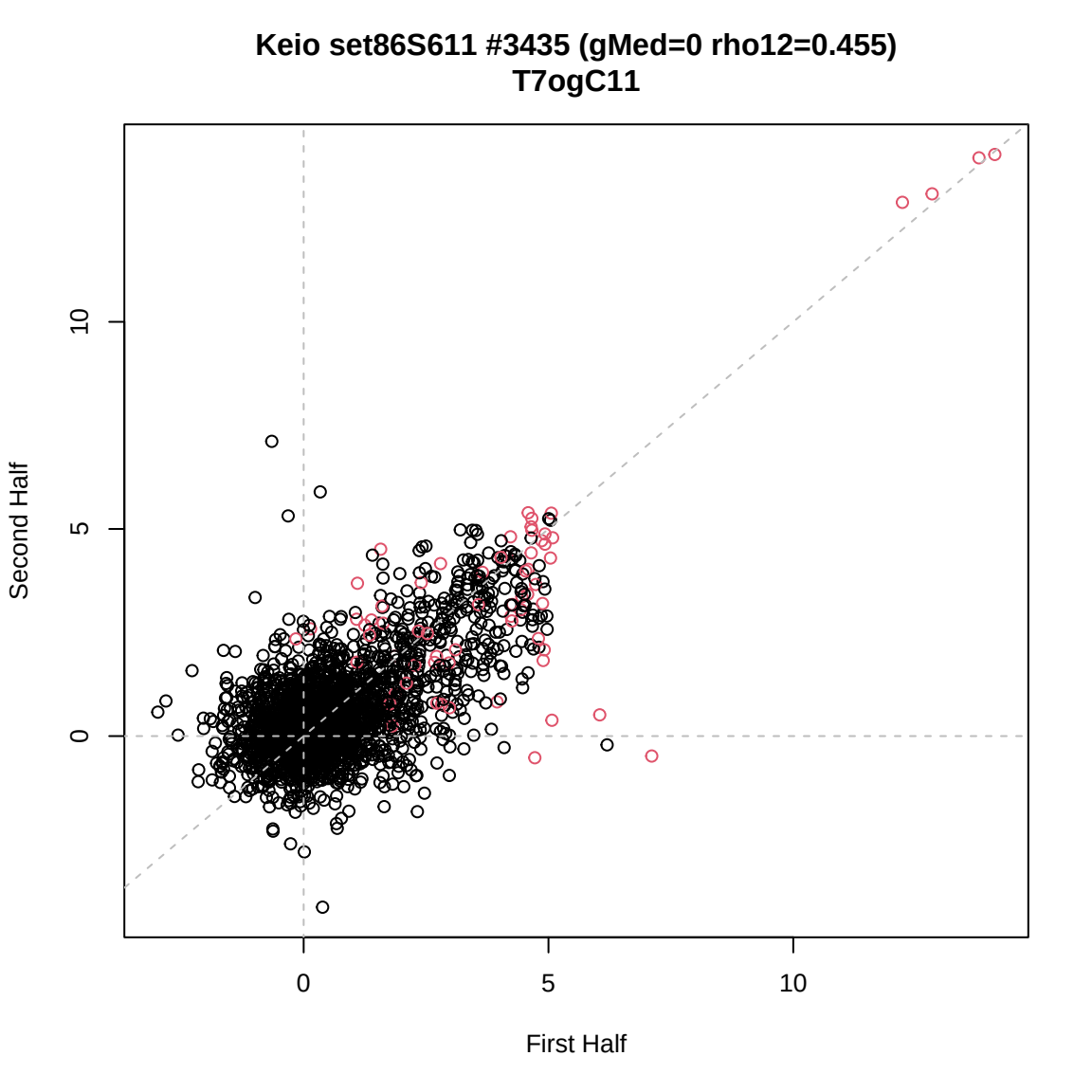

Keio set86S606 #3430 (gMed=0 rho12=0.449)
RfaG1C6
Second Half
First Half
15
10
5
0
−5
0
5
10
15

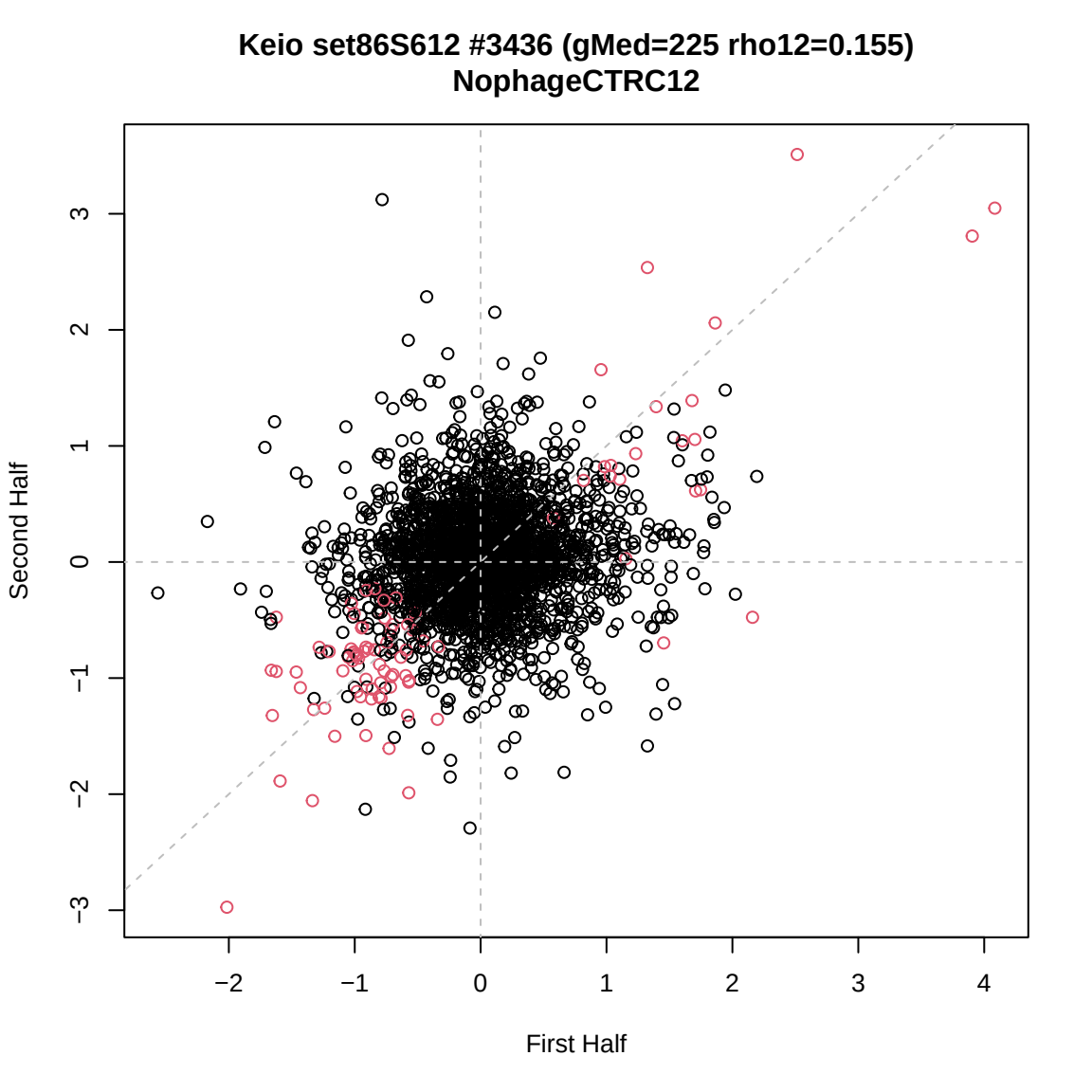

Keio set86S607 #3431 (gMed=0 rho12=0.475)
RfaG2C7
Second Half
First Half
15
10
5
0
−5
0
5
10

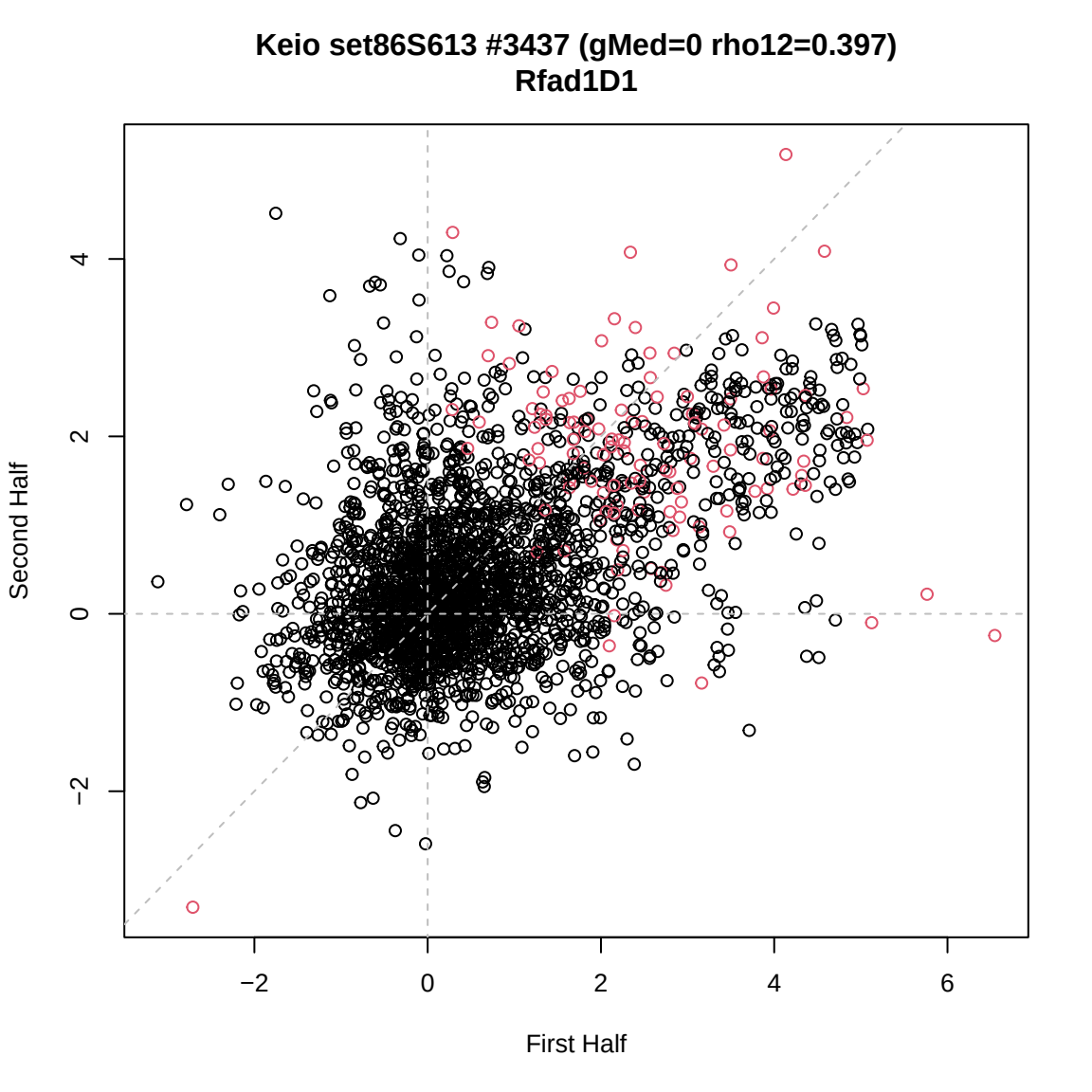

Keio set86S608 #3432 (gMed=0 rho12=0.474)
RfaG3C8
Second Half
First Half
15
10
5
0
−5
0
5
10

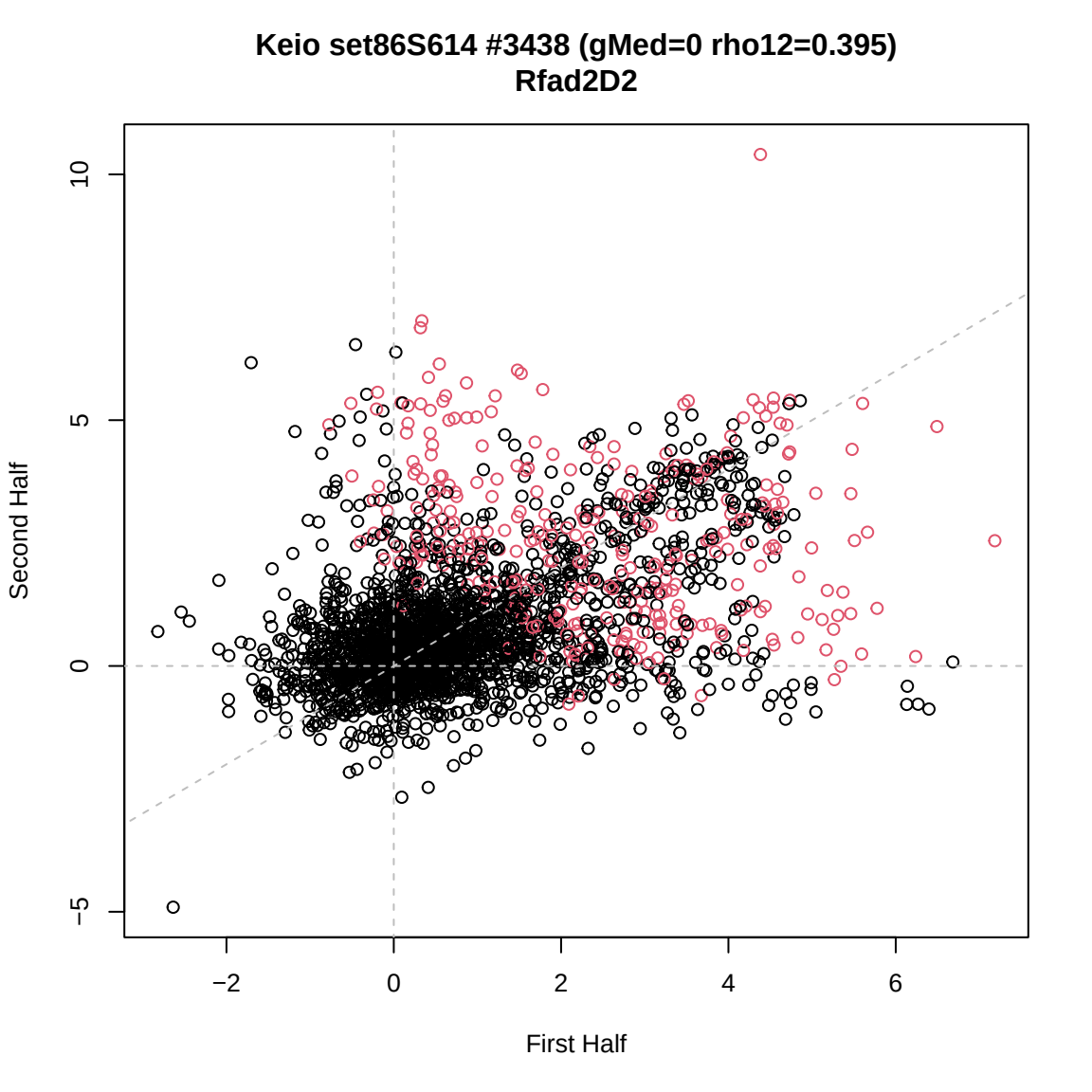

Keio set86S609 #3433 (gMed=0 rho12=0.455)
RfaG4C9
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

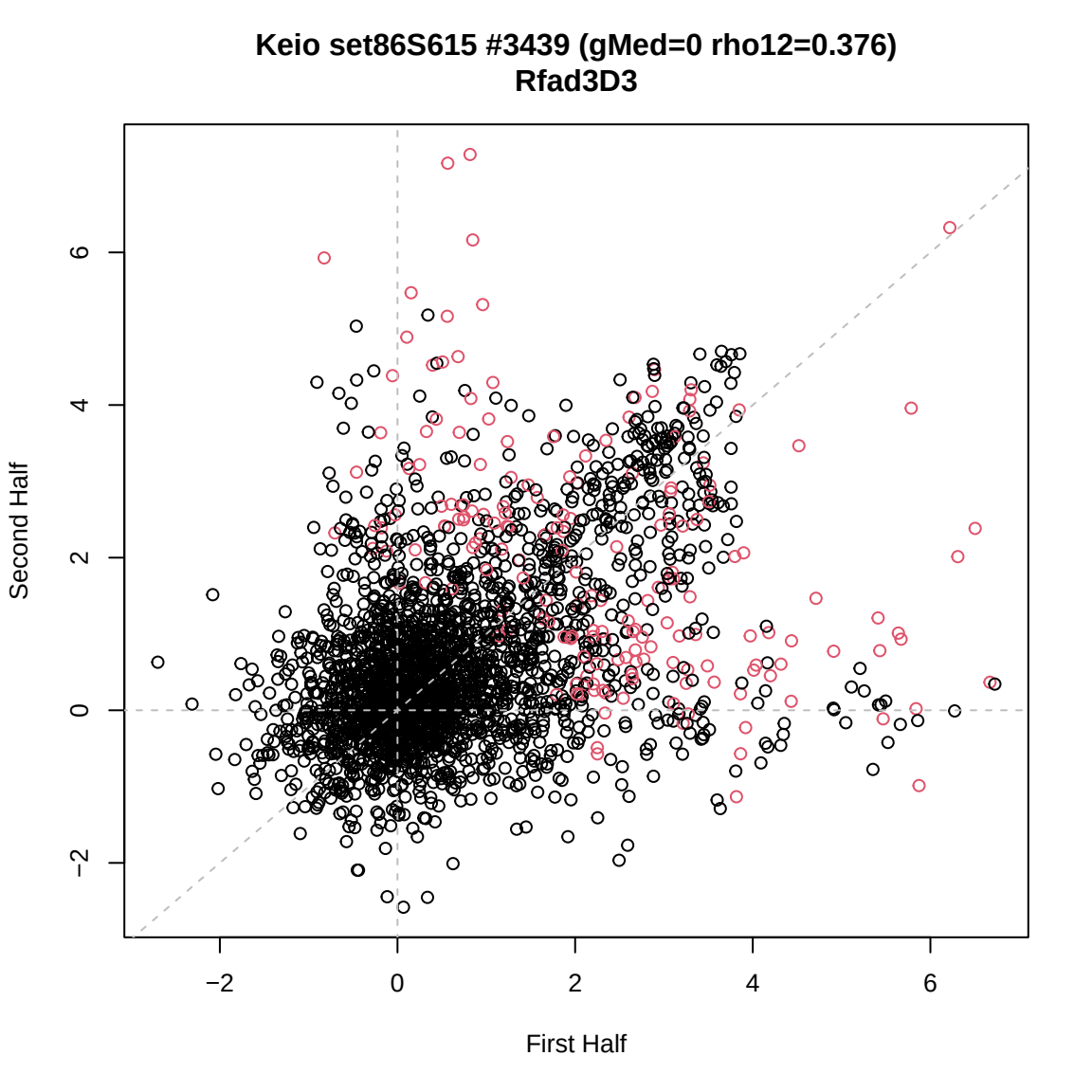

Keio set86S610 #3434 (gMed=0 rho12=0.456)
RfaG5C10
Second Half
First Half
15
10
5
0
−5
0
5
10

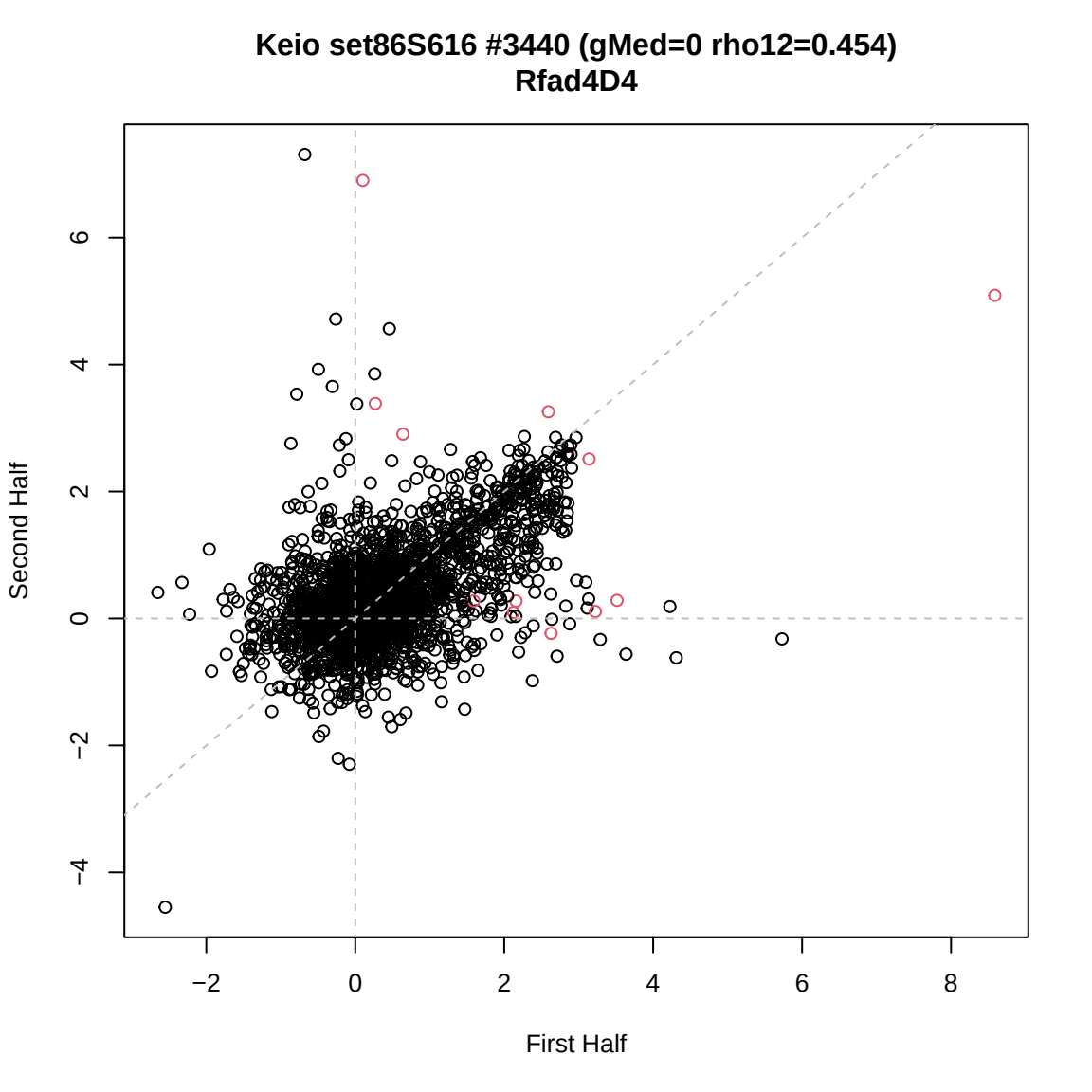

Keio set86S611 #3435 (gMed=0 rho12=0.455)
T7ogC11
Second Half
First Half
0
5
10
0
5
10

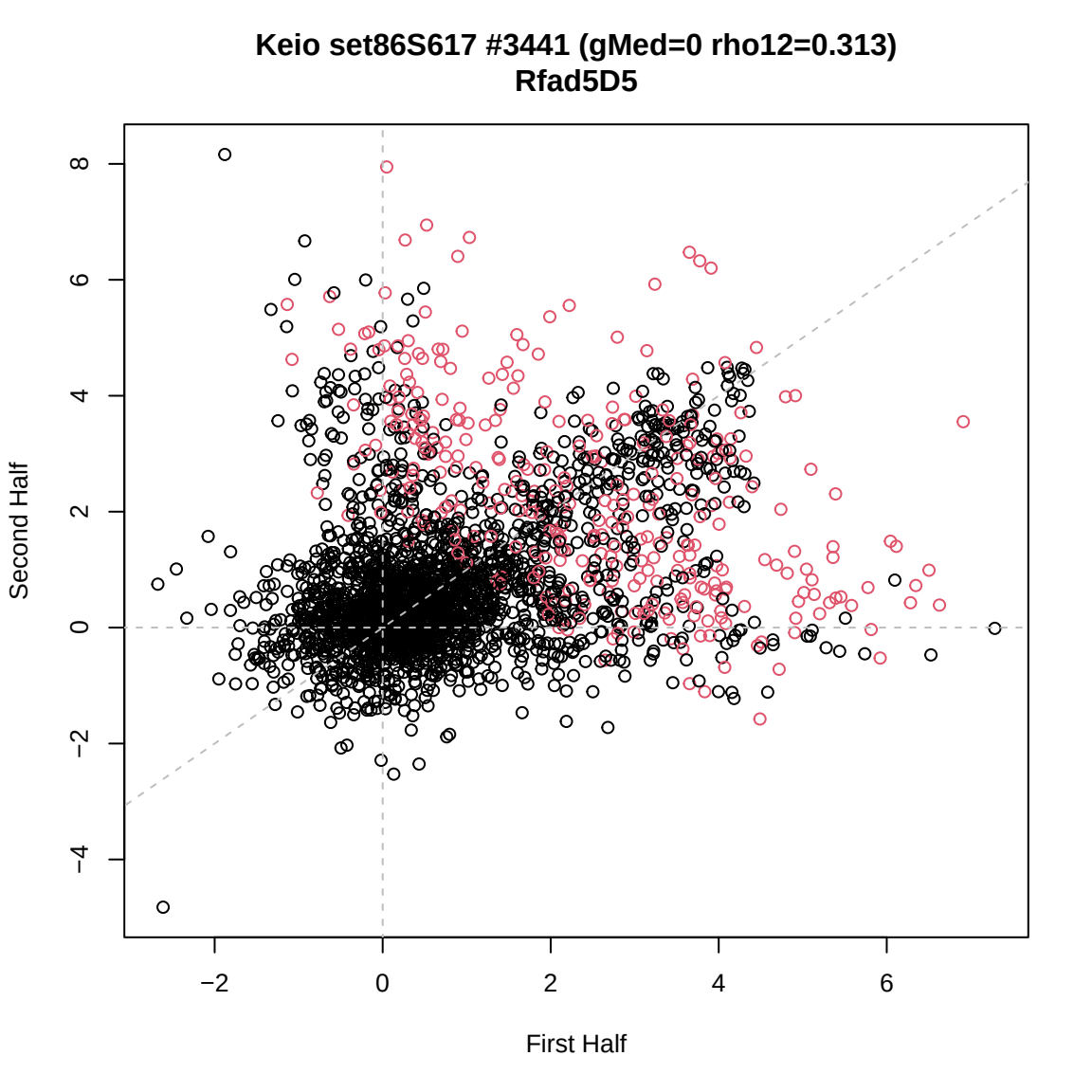

Keio set86S612 #3436 (gMed=225 rho12=0.155)
NophageCTRC12
Second Half
First Half
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3
4

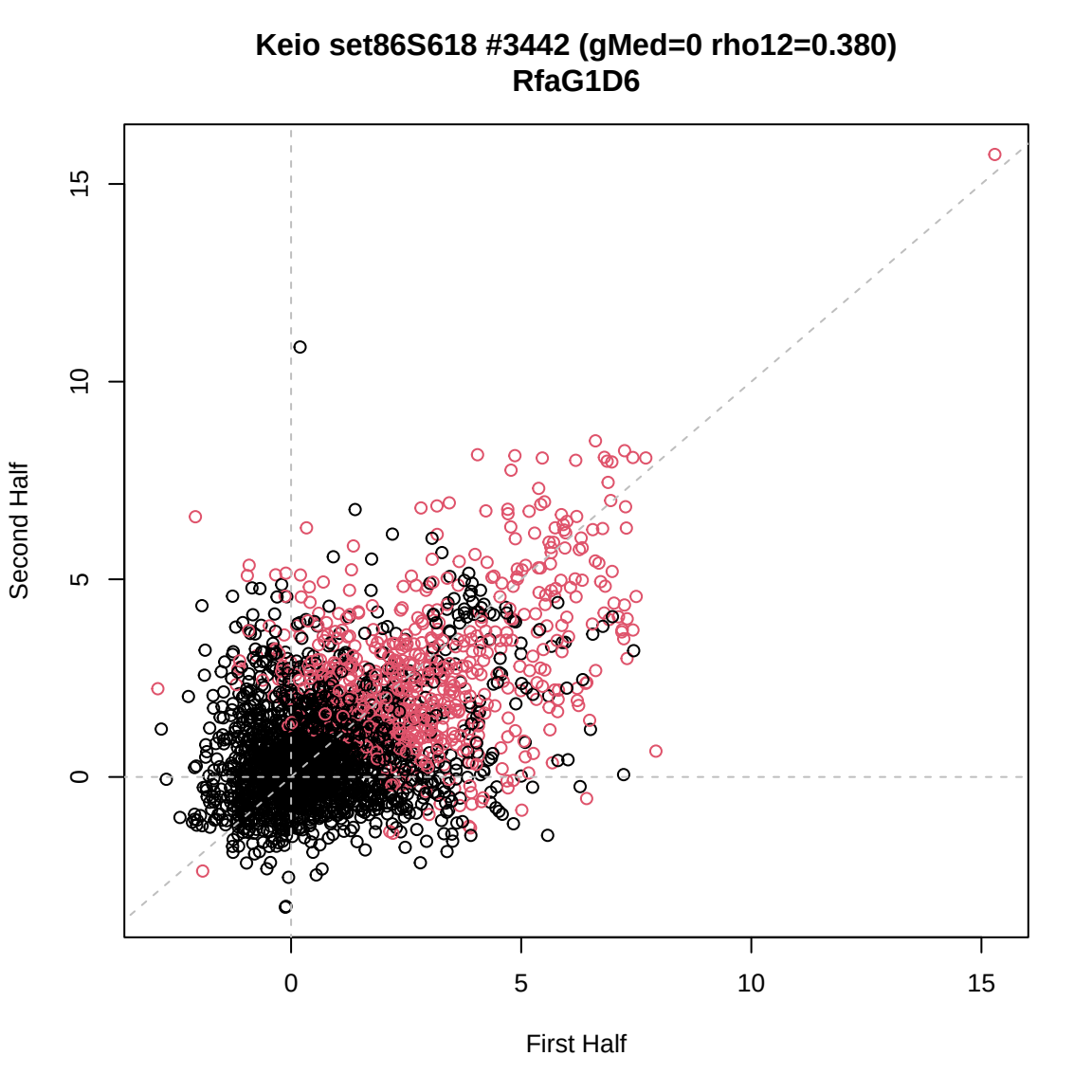

Keio set86S613 #3437 (gMed=0 rho12=0.397)
Rfad1D1
Second Half
First Half
−2
0
2
4
6
−2
0
2
4

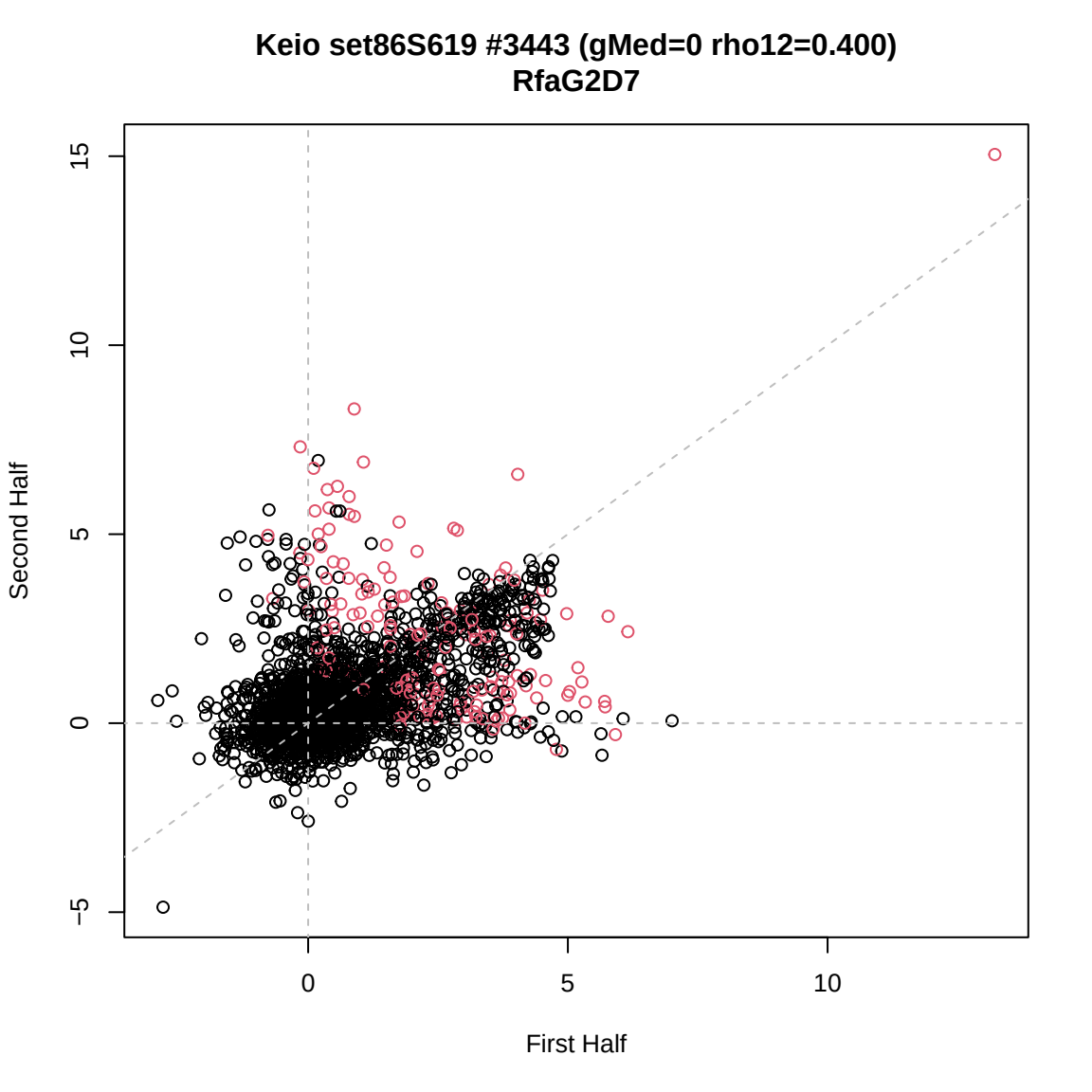

Keio set86S614 #3438 (gMed=0 rho12=0.395)
Rfad2D2
Second Half
First Half
10
5
0
−5
−2
0
2
4
6

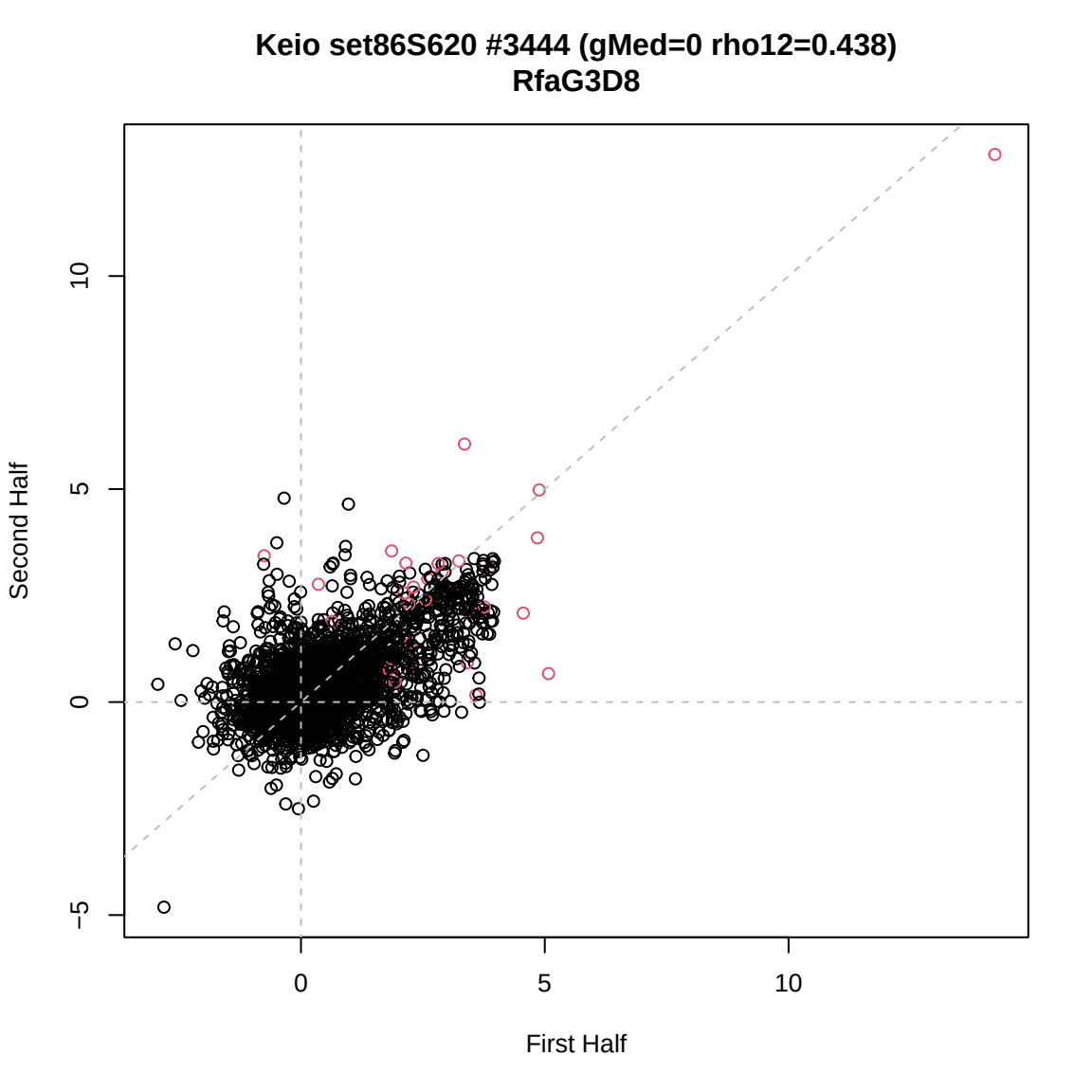

Keio set86S615 #3439 (gMed=0 rho12=0.376)
Rfad3D3
Second Half
First Half
6
4
2
0
−2
−2
0
2
4
6

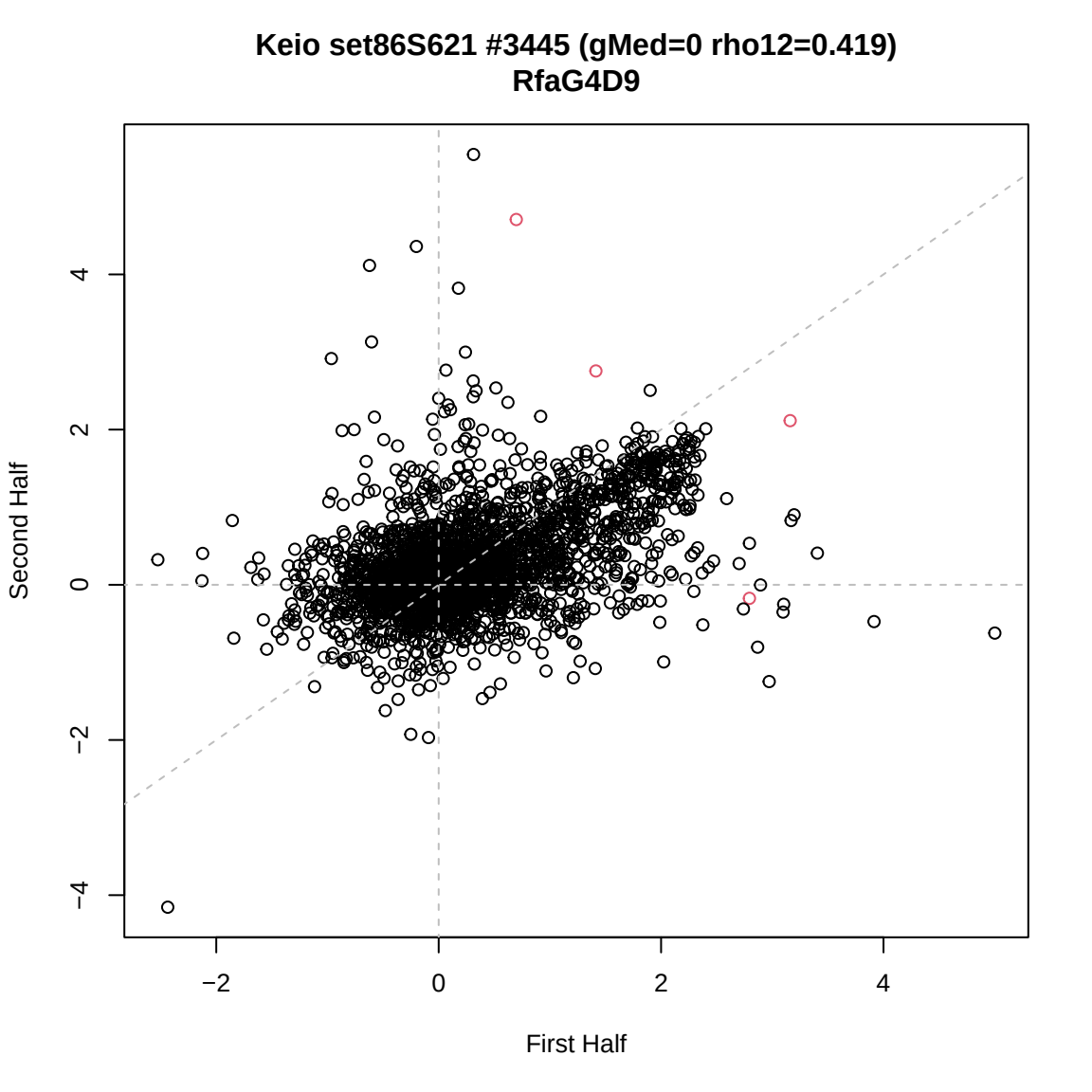

Keio set86S616 #3440 (gMed=0 rho12=0.454)
Rfad4D4
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

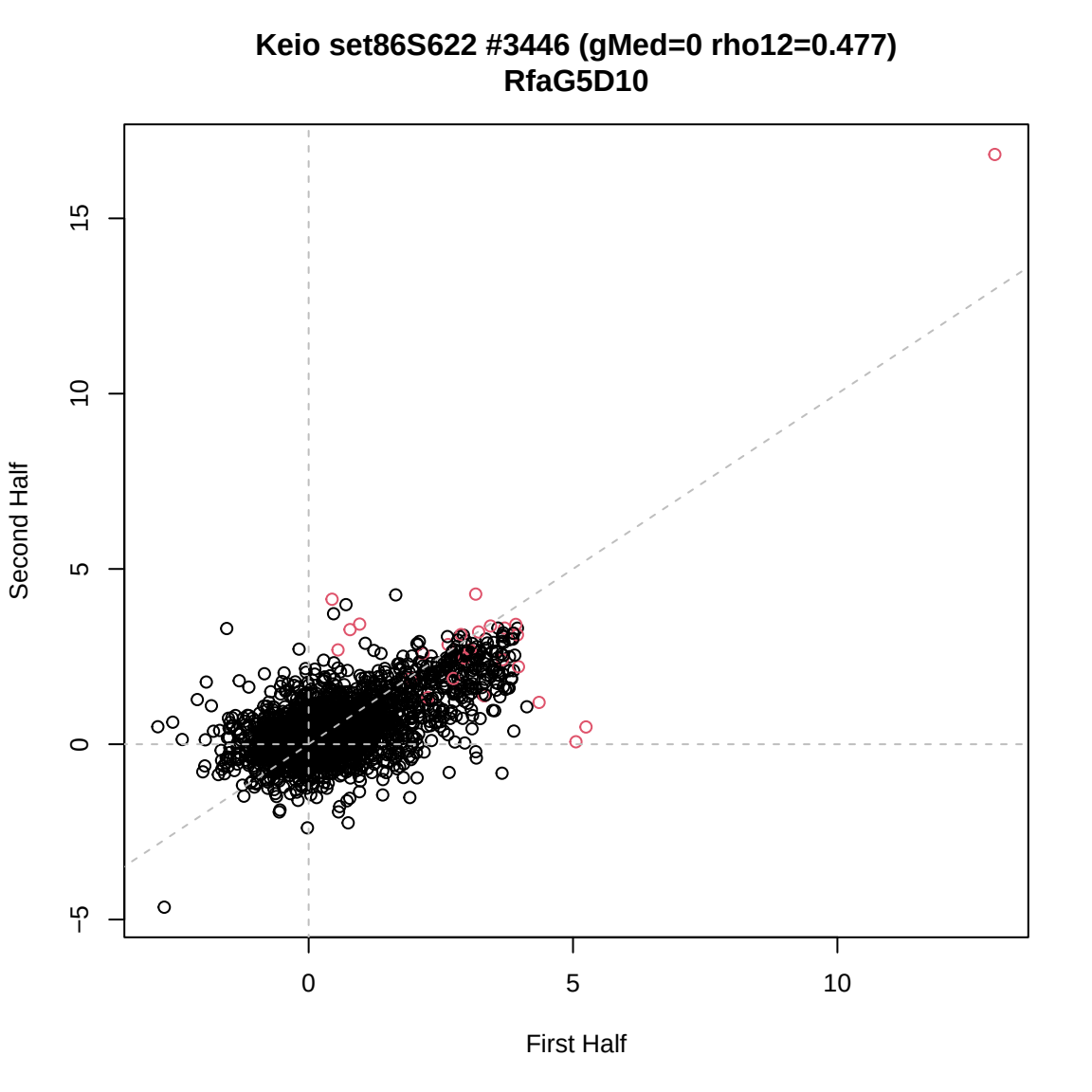

Keio set86S617 #3441 (gMed=0 rho12=0.313)
Rfad5D5
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

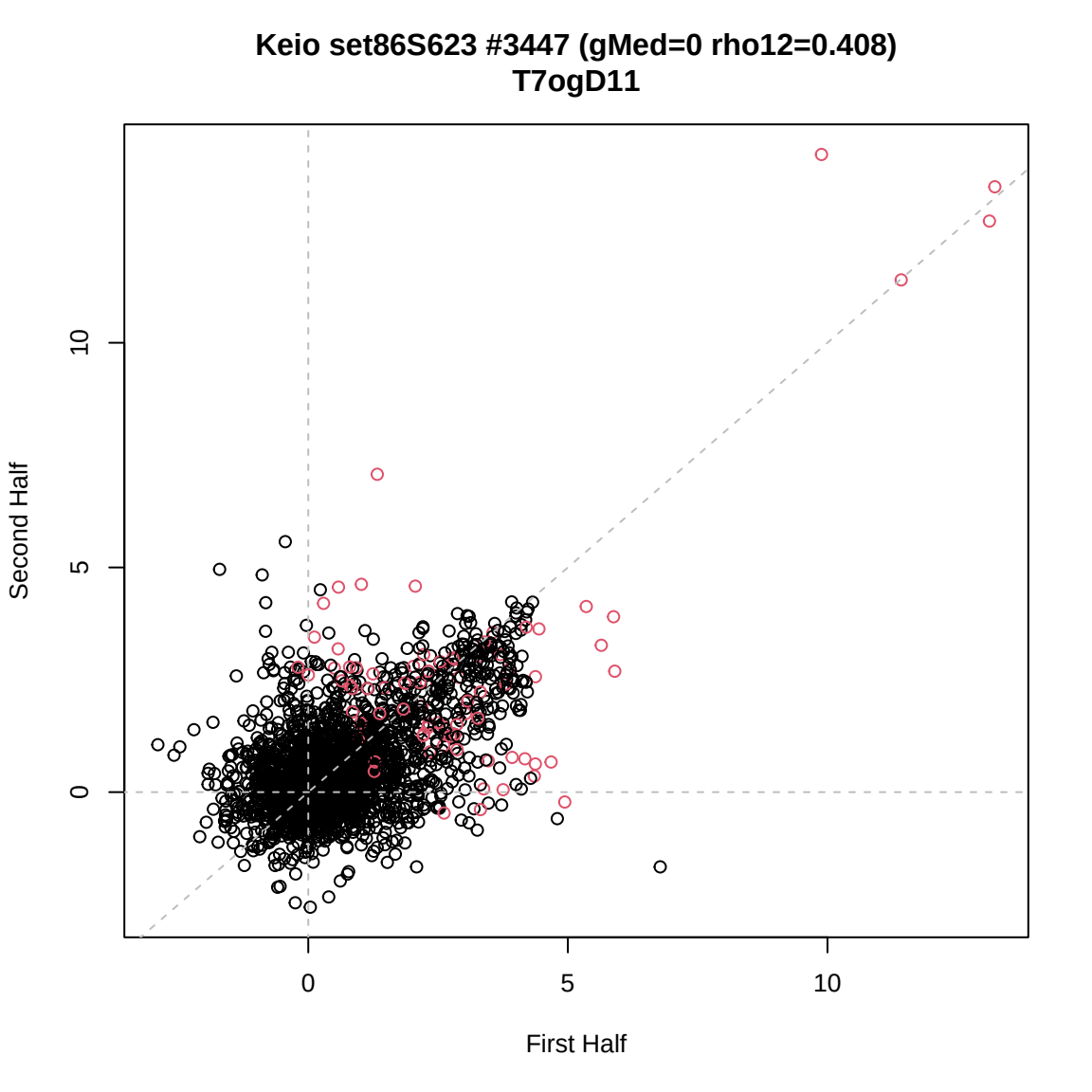

Keio set86S618 #3442 (gMed=0 rho12=0.380)
RfaG1D6
Second Half
First Half
0
5
10
15
0
5
10
15

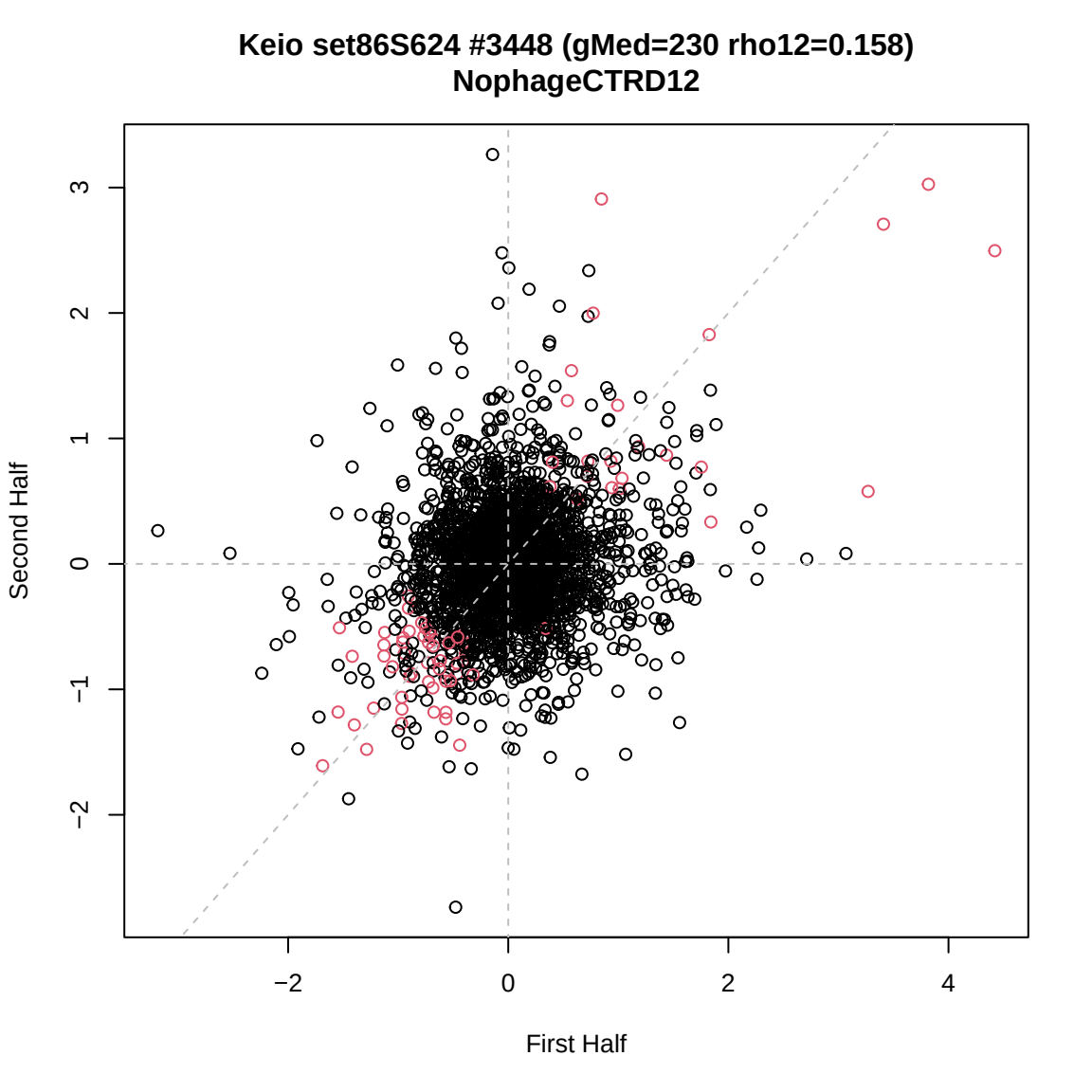

Keio set86S619 #3443 (gMed=0 rho12=0.400)
RfaG2D7
Second Half
First Half
15
10
5
0
−5
0
5
10

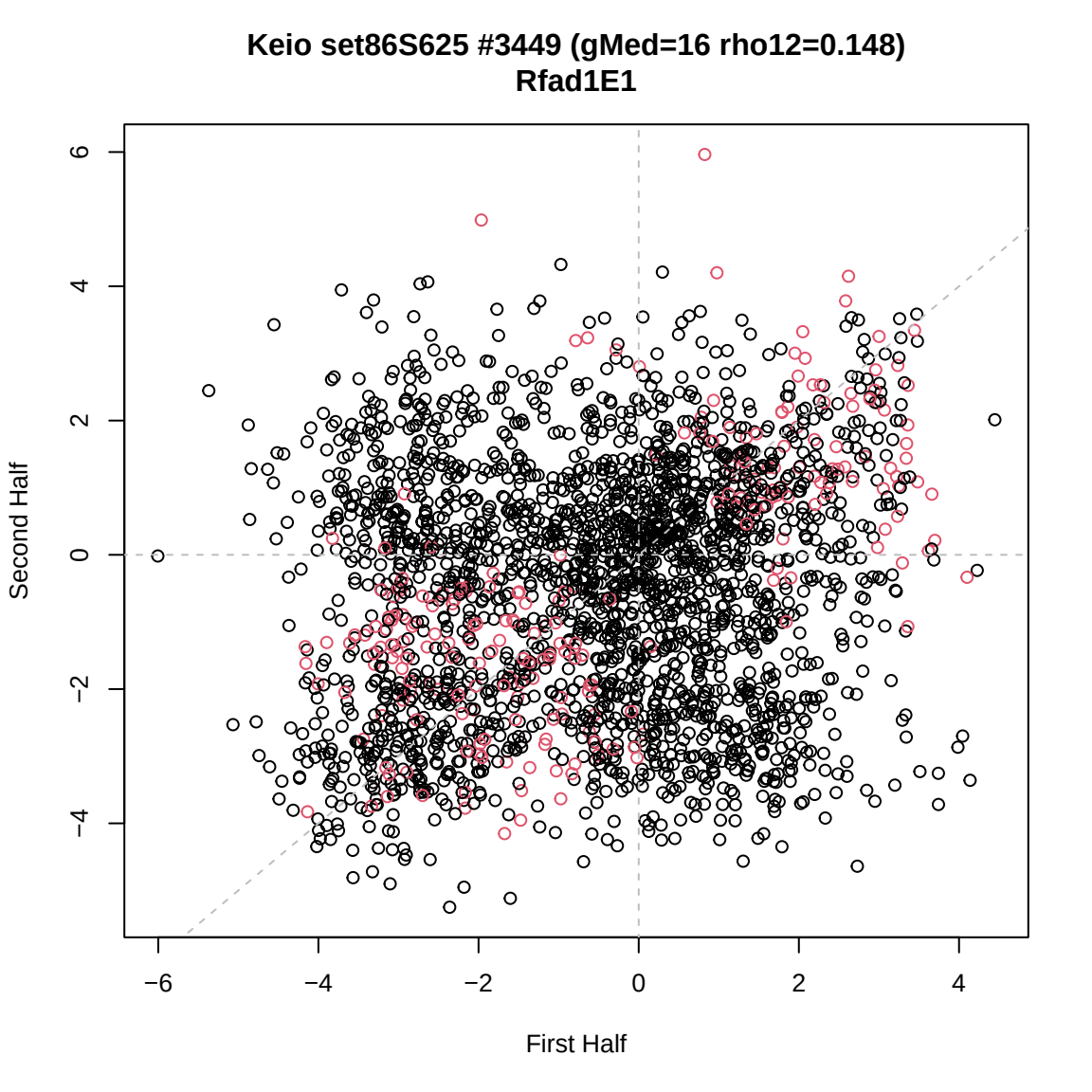

Keio set86S620 #3444 (gMed=0 rho12=0.438)
RfaG3D8
Second Half
First Half
10
5
0
−5
0
5
10

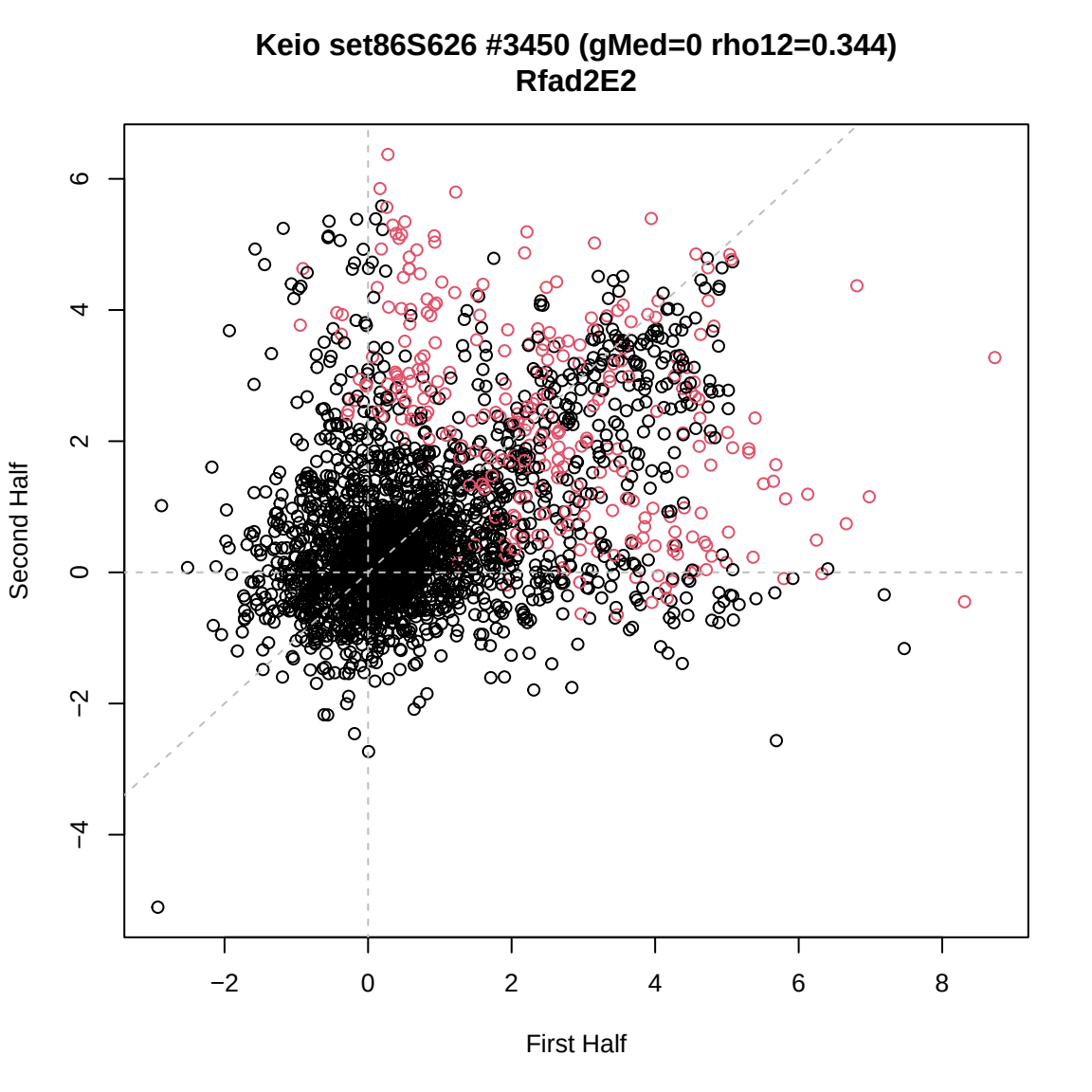

Keio set86S621 #3445 (gMed=0 rho12=0.419)
RfaG4D9
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

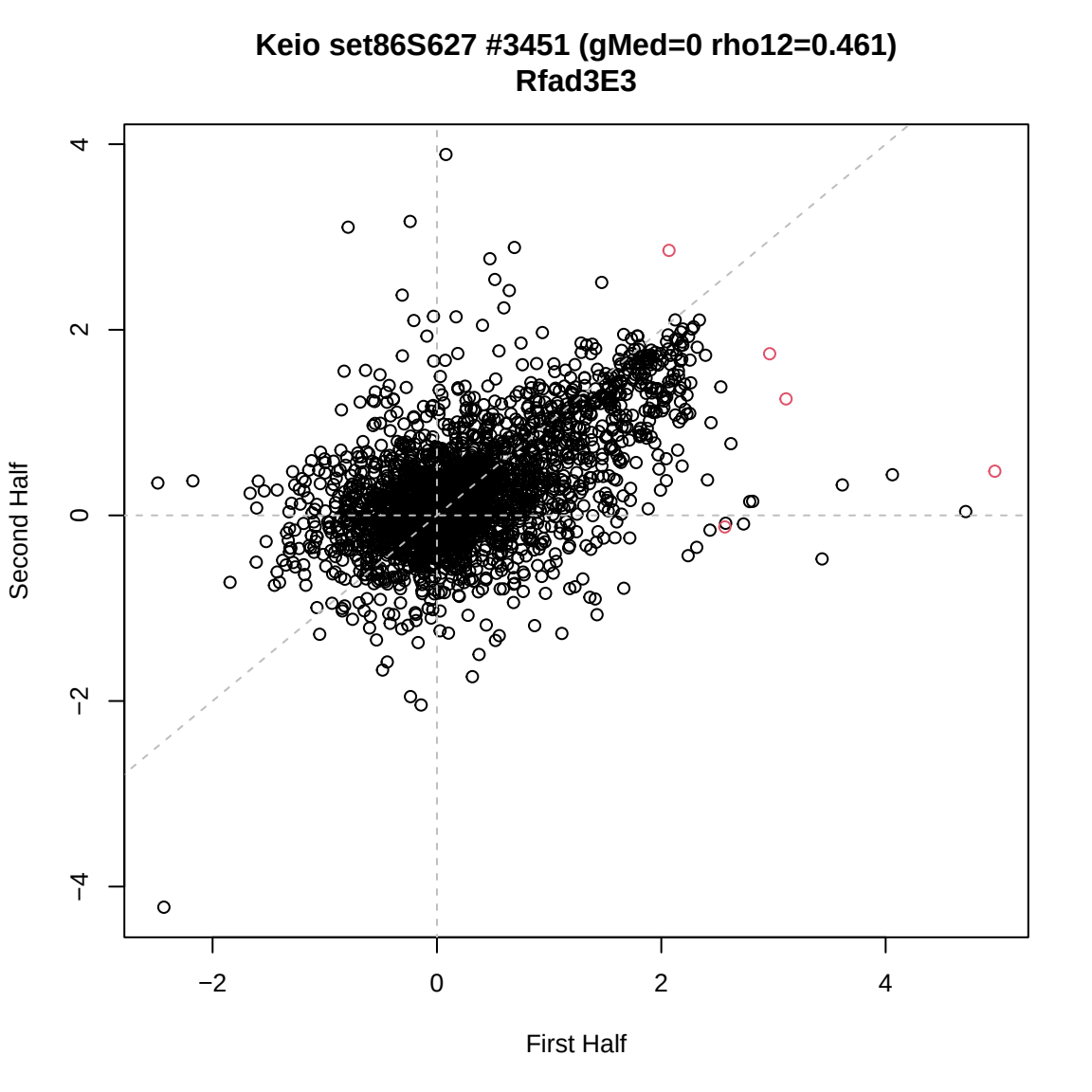

Keio set86S622 #3446 (gMed=0 rho12=0.477)
RfaG5D10
Second Half
First Half
15
10
5
0
−5
0
5
10

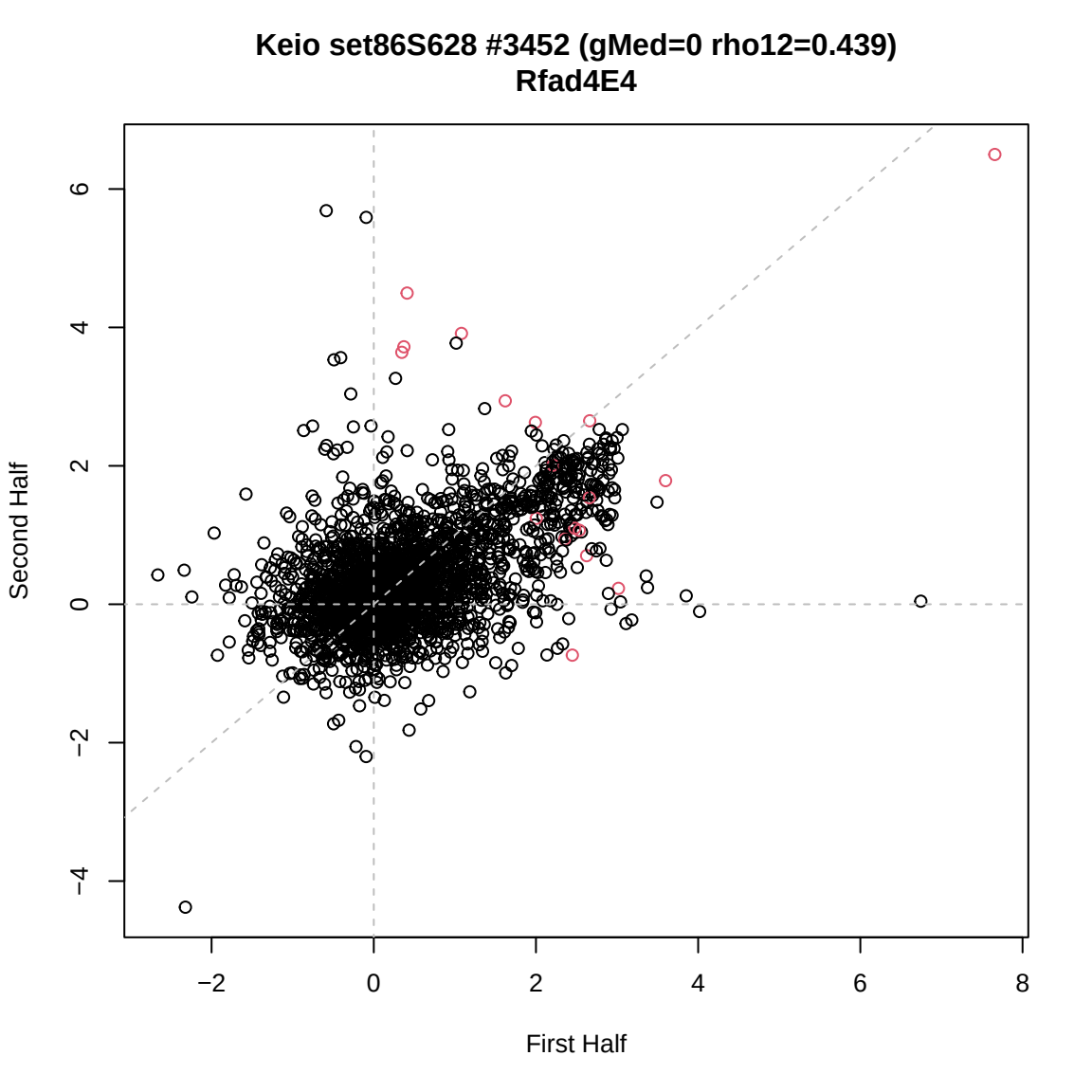

Keio set86S623 #3447 (gMed=0 rho12=0.408)
T7ogD11
Second Half
First Half
0
5
10
0
5
10

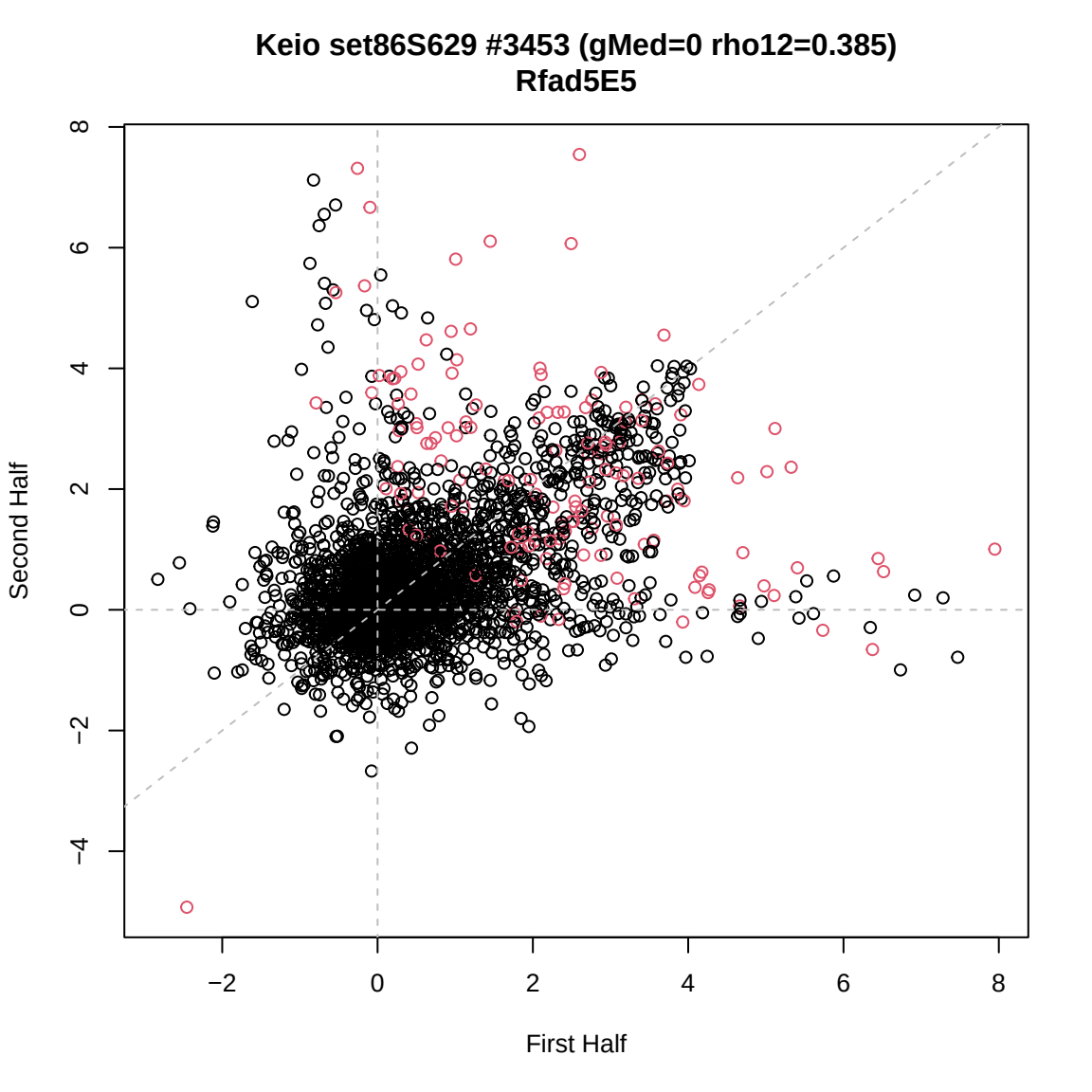

Keio set86S624 #3448 (gMed=230 rho12=0.158)
NophageCTRD12
Second Half
First Half
3
2
1
0
−1
−2
−2
0
2
4

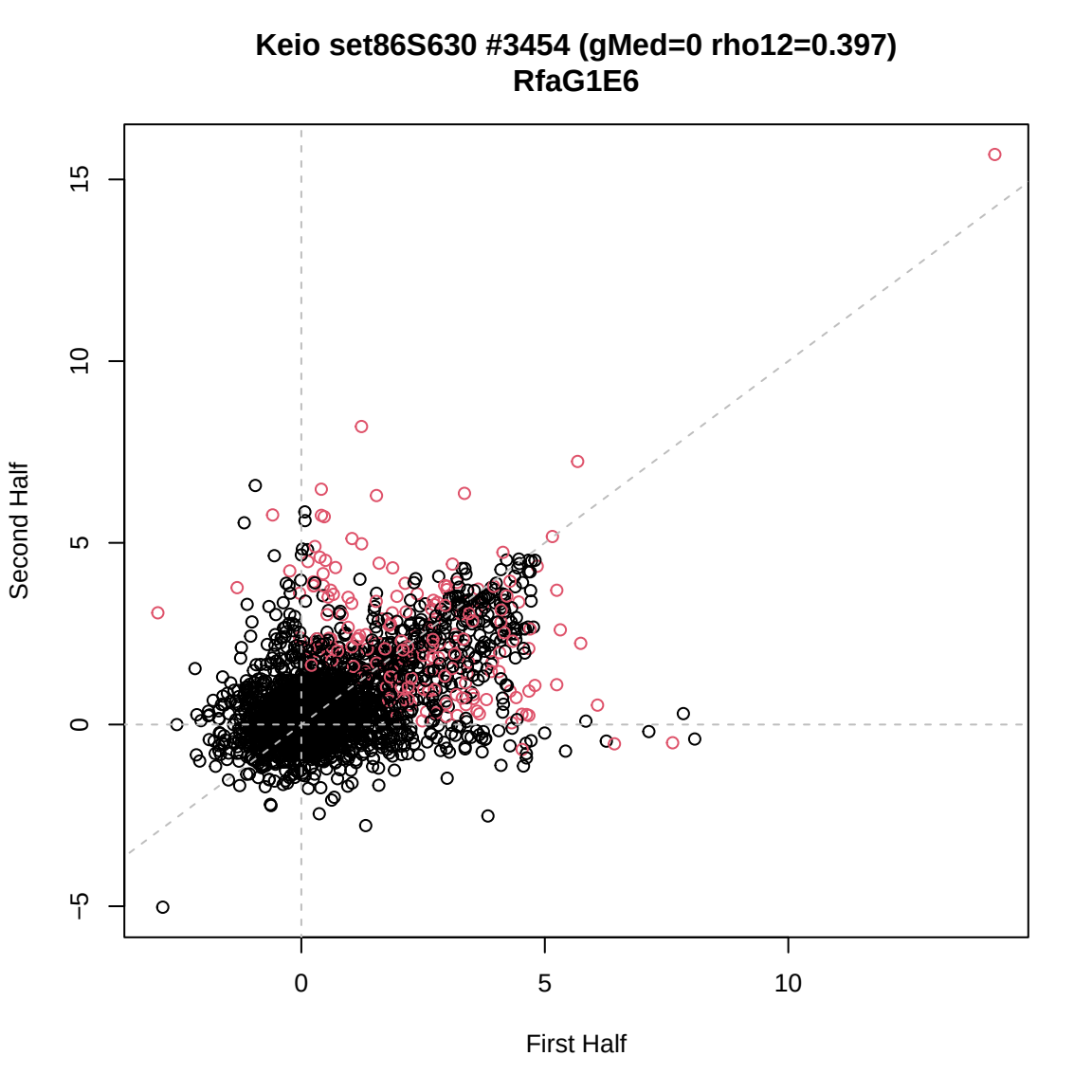

Keio set86S625 #3449 (gMed=16 rho12=0.148)
Rfad1E1
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4

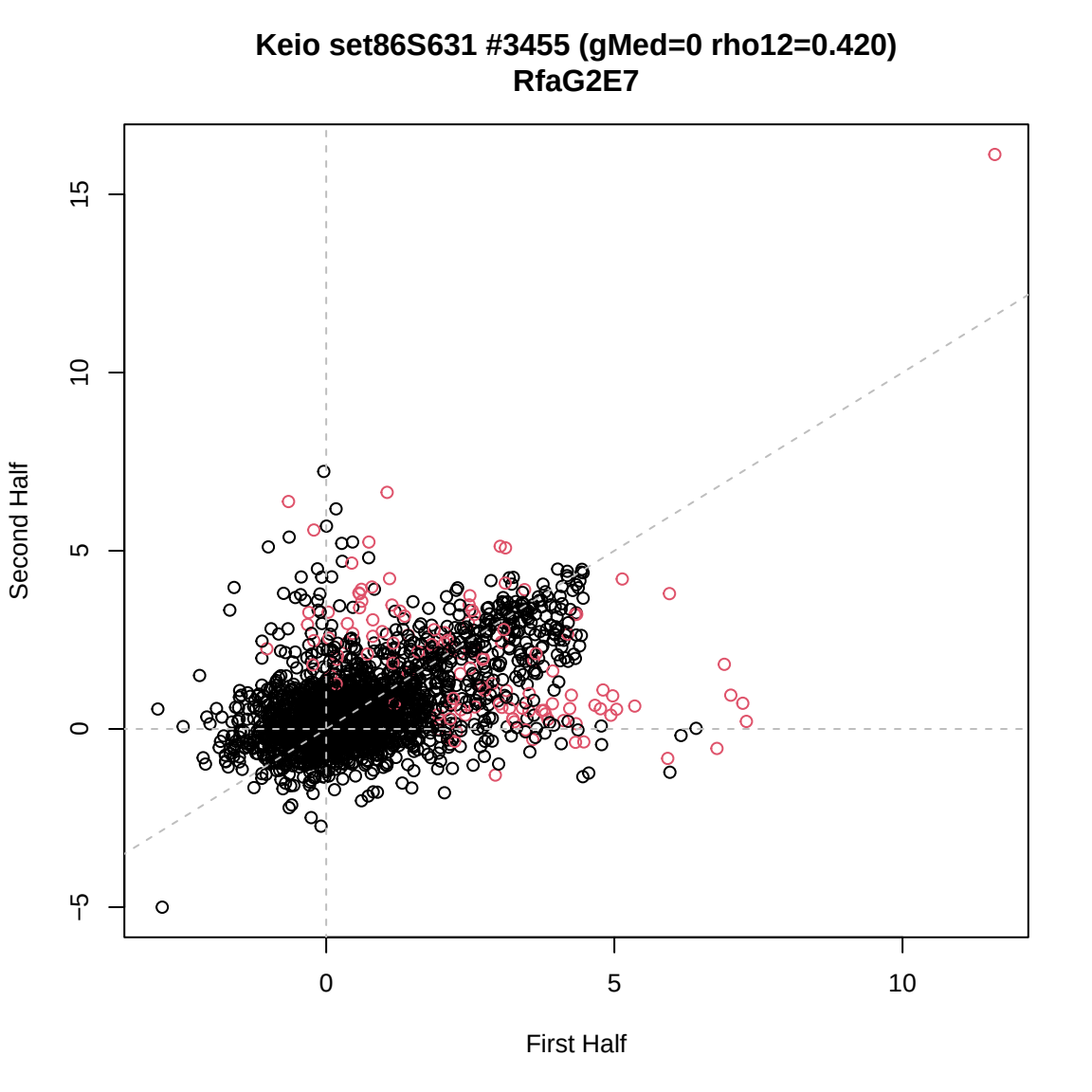

Keio set86S626 #3450 (gMed=0 rho12=0.344)
Rfad2E2
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

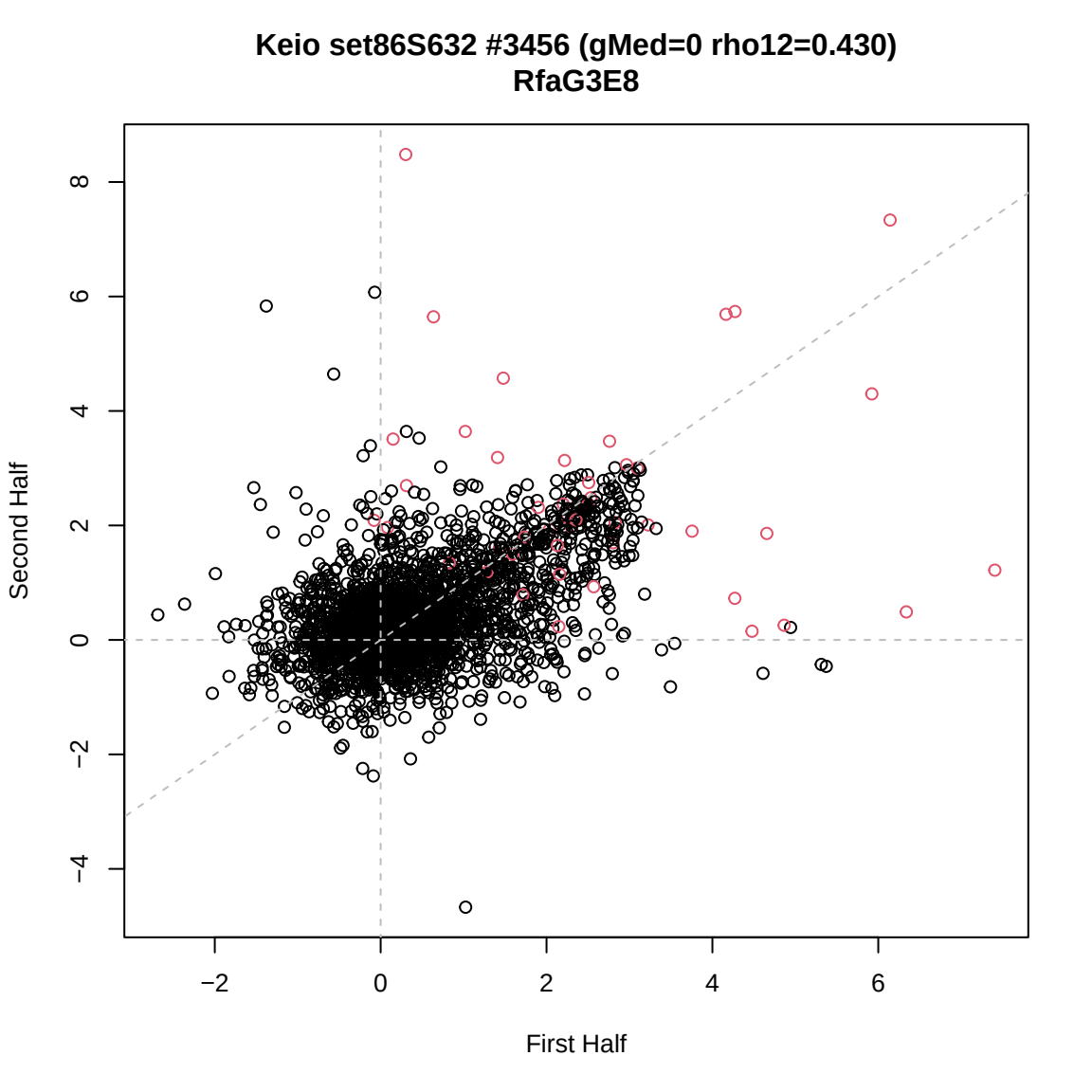

Keio set86S627 #3451 (gMed=0 rho12=0.461)
Rfad3E3
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4

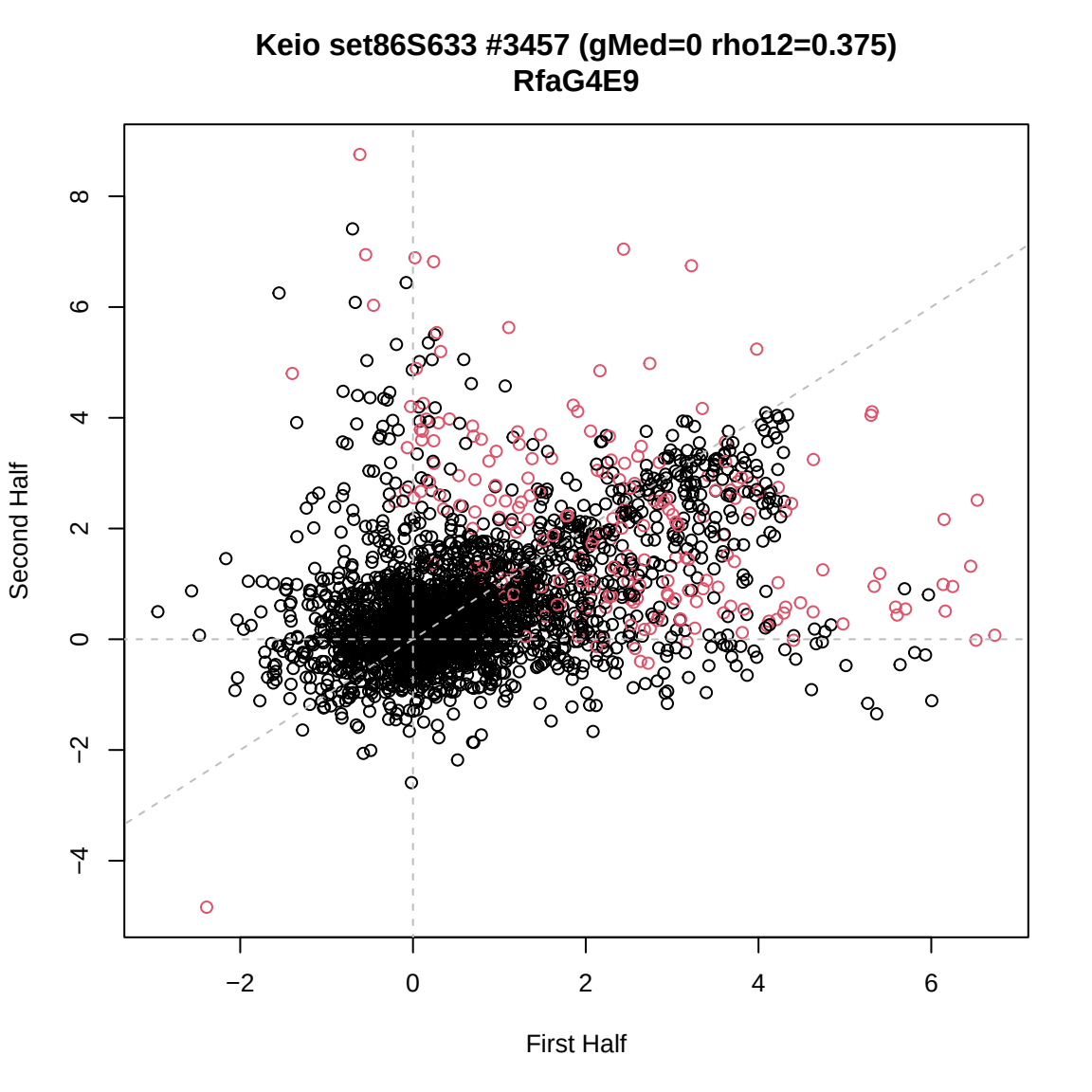

Keio set86S628 #3452 (gMed=0 rho12=0.439)
Rfad4E4
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

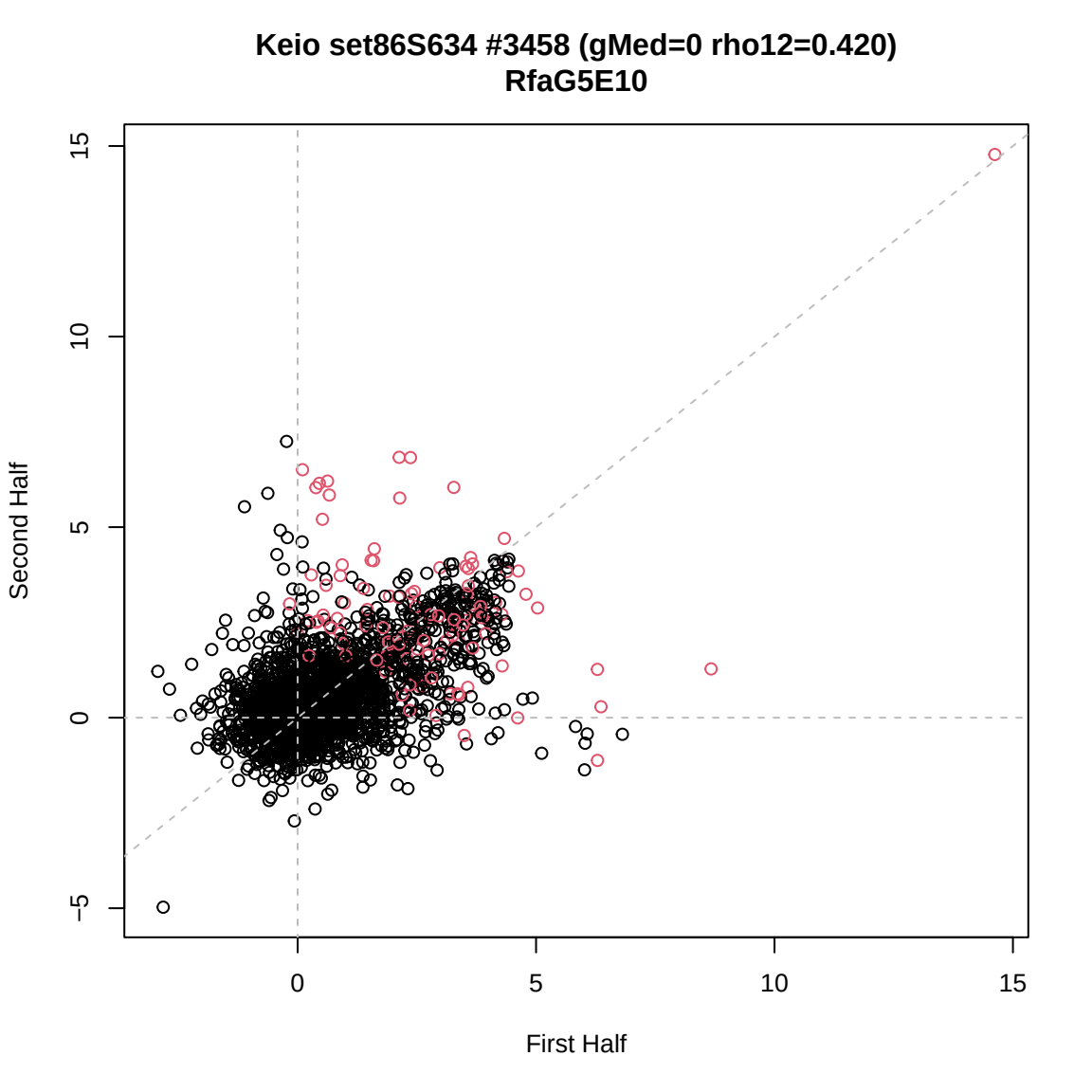

Keio set86S629 #3453 (gMed=0 rho12=0.385)
Rfad5E5
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

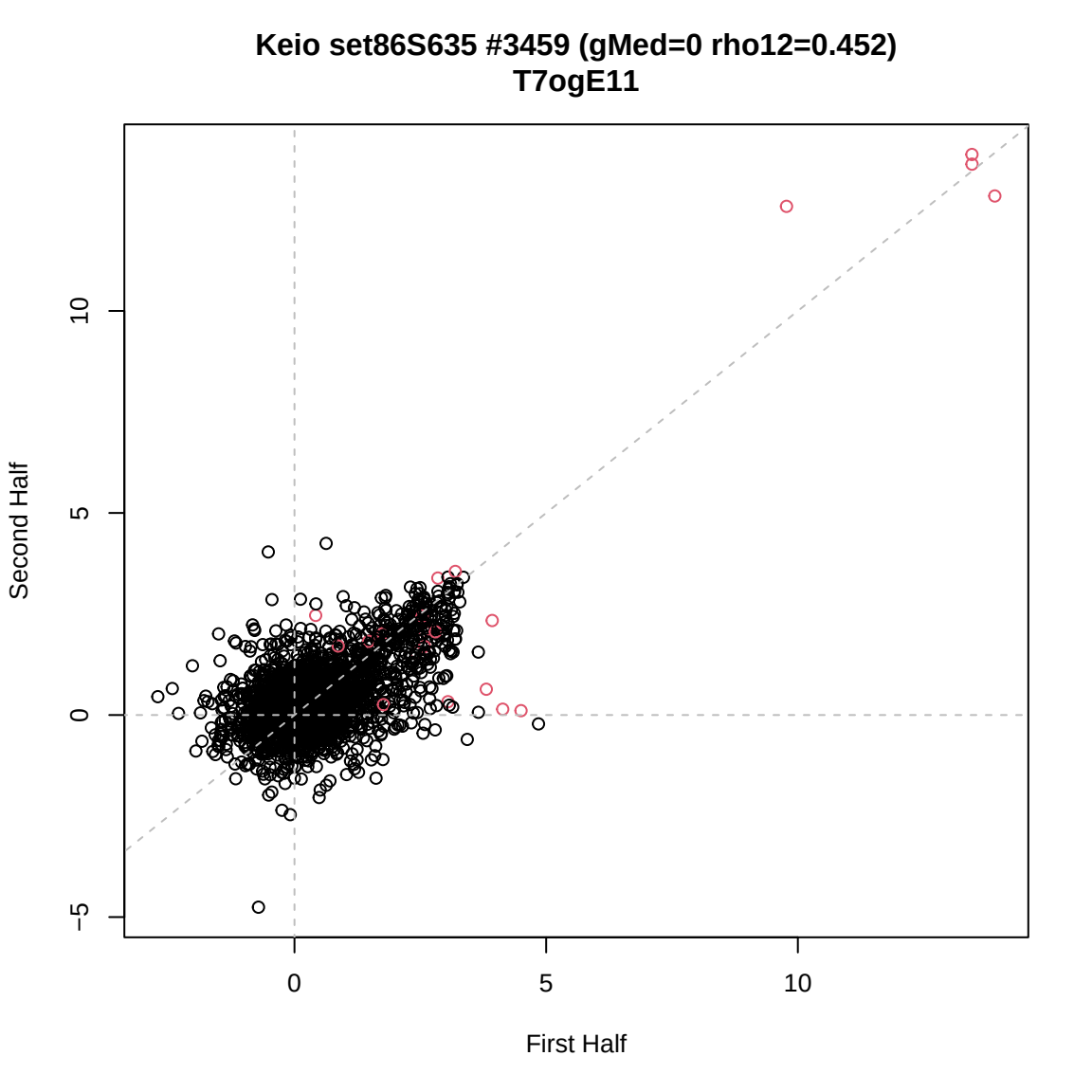

Keio set86S630 #3454 (gMed=0 rho12=0.397)
RfaG1E6
Second Half
First Half
15
10
5
0
−5
0
5
10

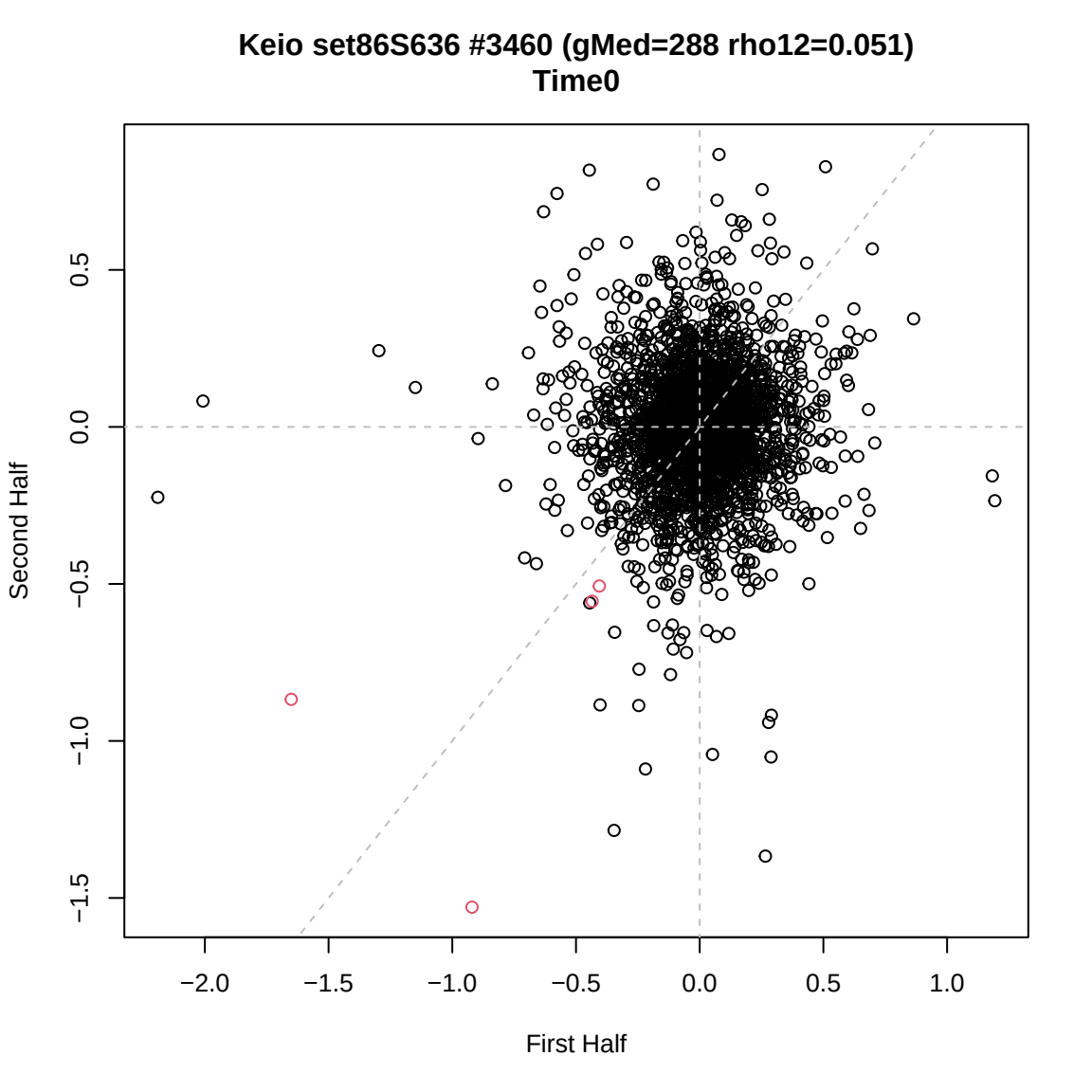

Keio set86S631 #3455 (gMed=0 rho12=0.420)
RfaG2E7
Second Half
First Half
15
10
5
0
−5
0
5
10

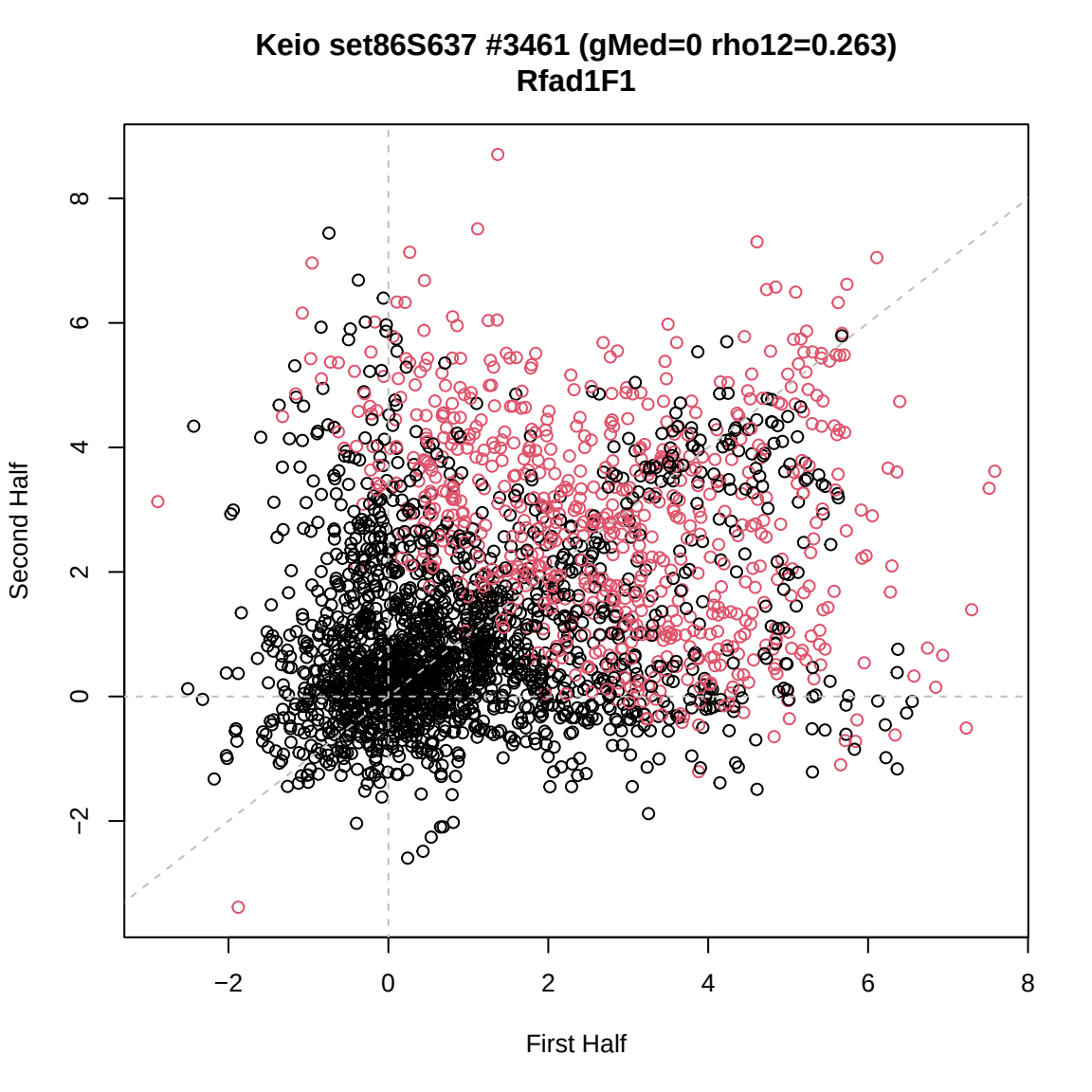

Keio set86S632 #3456 (gMed=0 rho12=0.430)
RfaG3E8
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

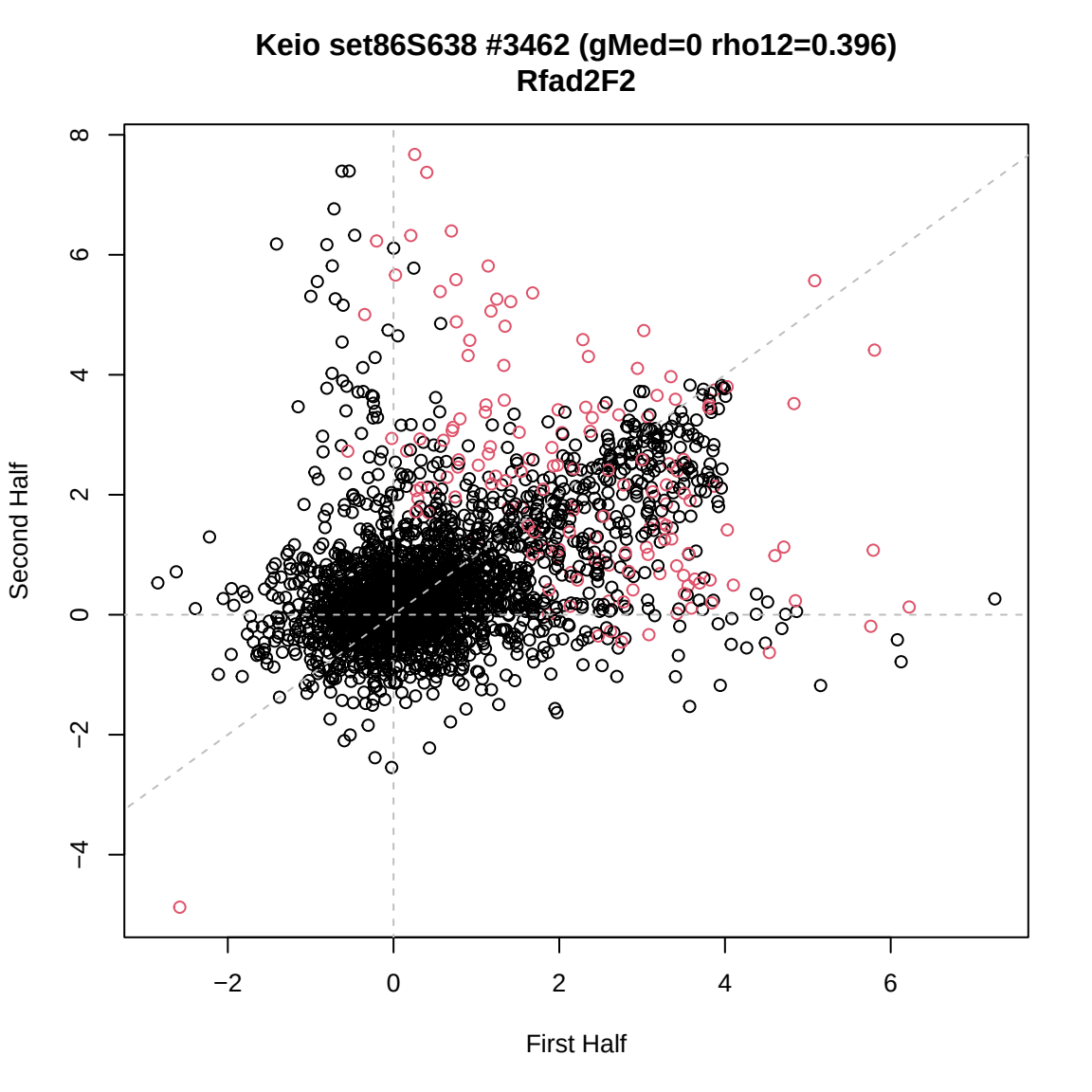

Keio set86S633 #3457 (gMed=0 rho12=0.375)
RfaG4E9
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

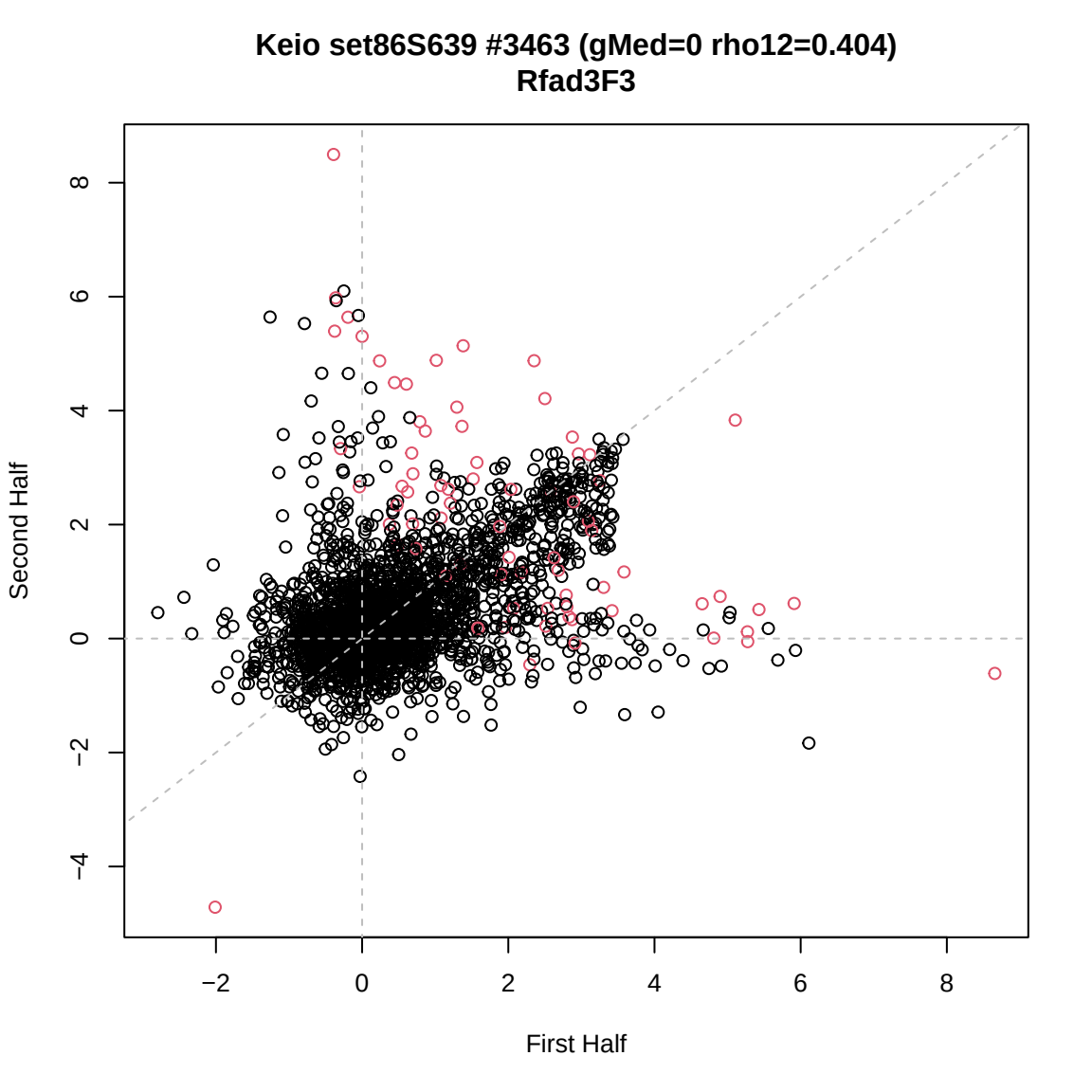

Keio set86S634 #3458 (gMed=0 rho12=0.420)
RfaG5E10
Second Half
First Half
15
10
5
0
−5
0
5
10
15

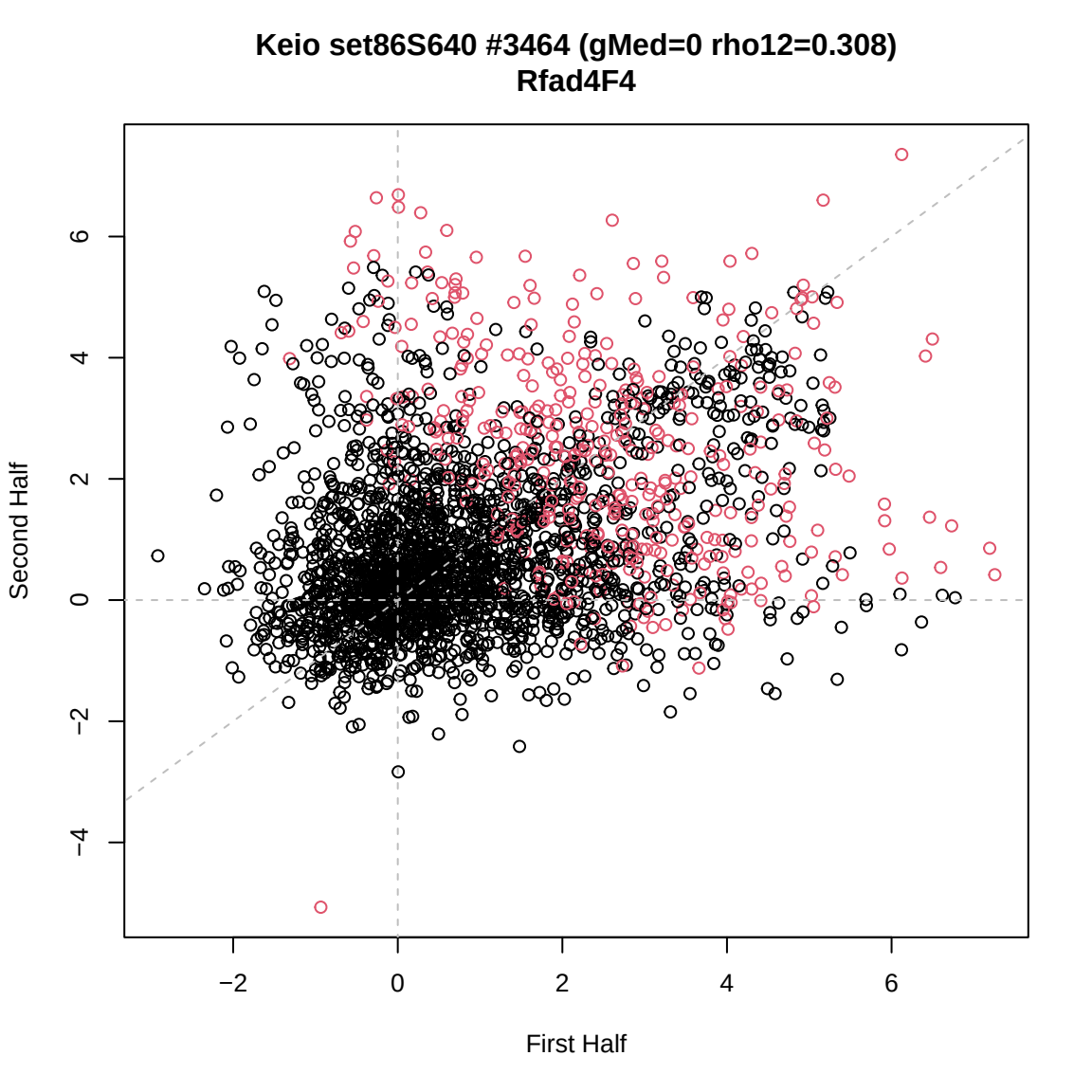

Keio set86S635 #3459 (gMed=0 rho12=0.452)
T7ogE11
Second Half
First Half
10
5
0
−5
0
5
10

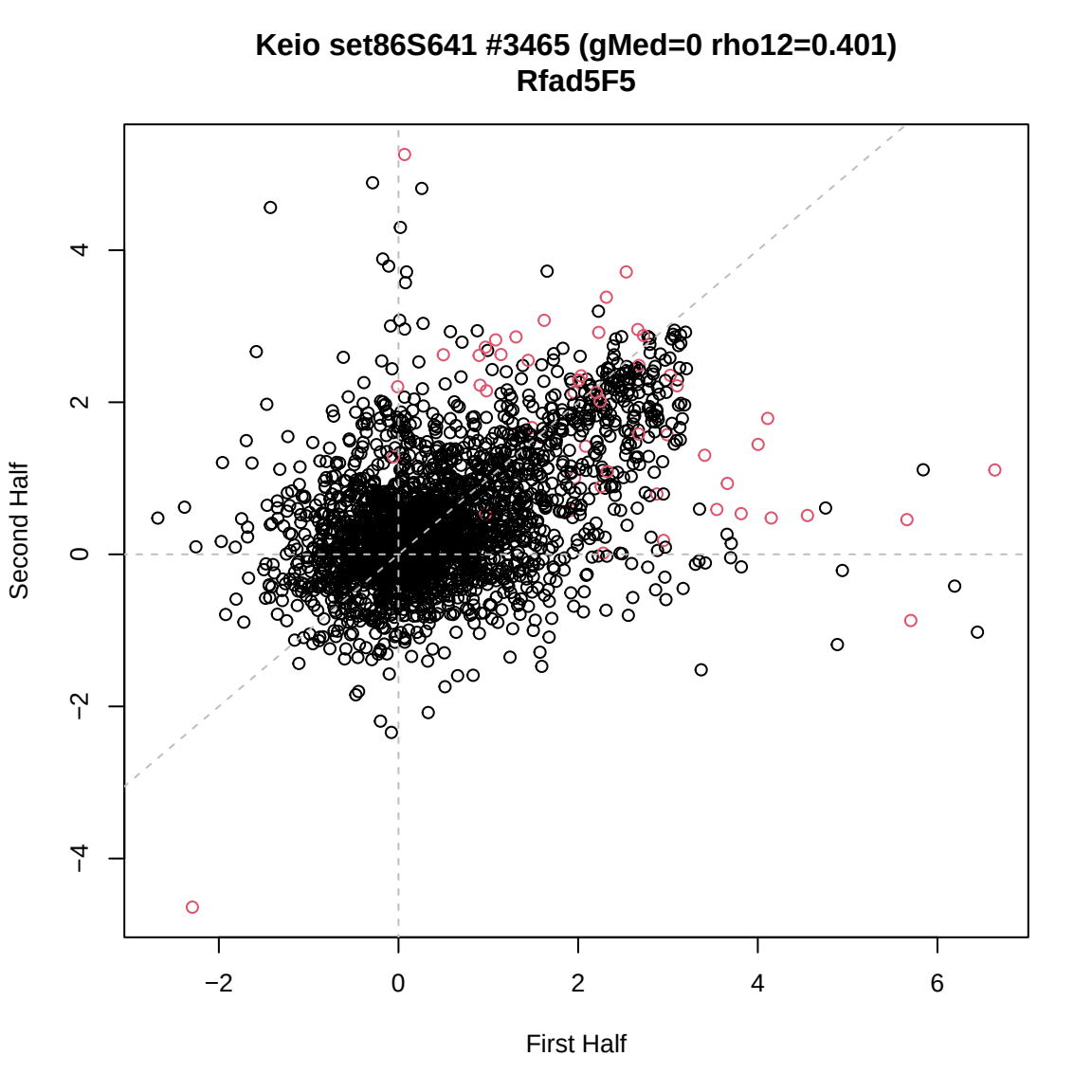

Keio set86S636 #3460 (gMed=288 rho12=0.051)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

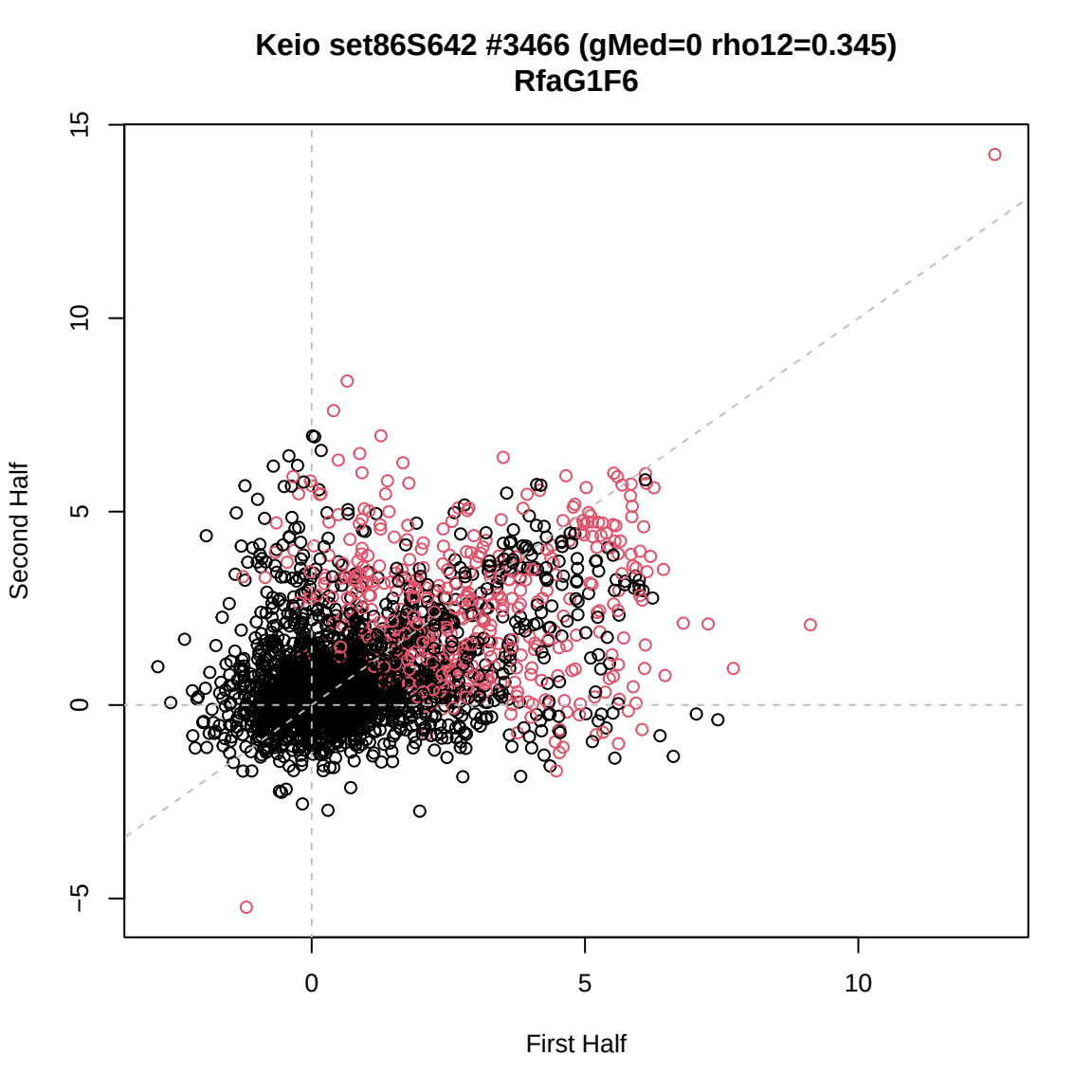

Keio set86S637 #3461 (gMed=0 rho12=0.263)
Rfad1F1
Second Half
First Half
−2
0
2
4
6
8

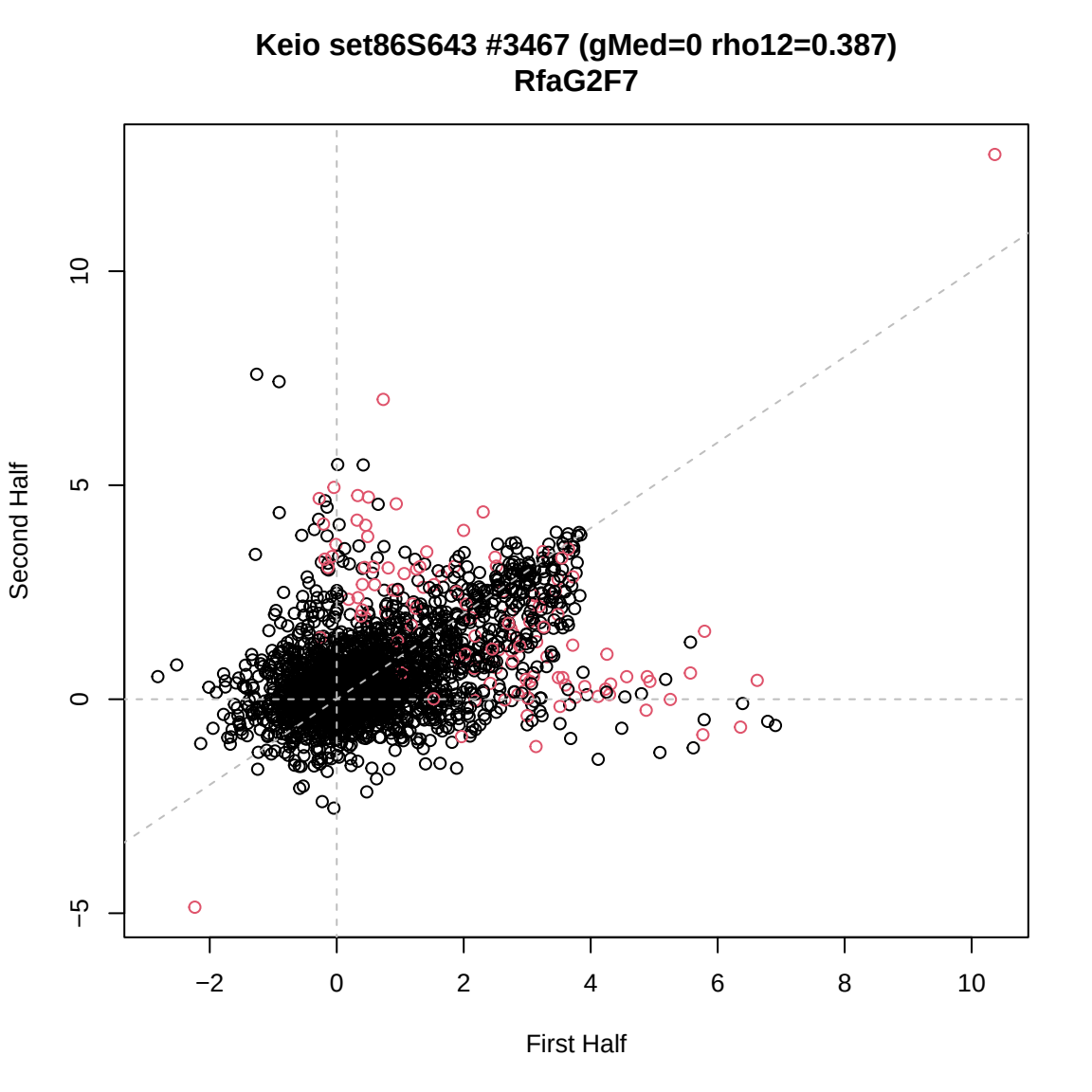

Keio set86S638 #3462 (gMed=0 rho12=0.396)
Rfad2F2
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

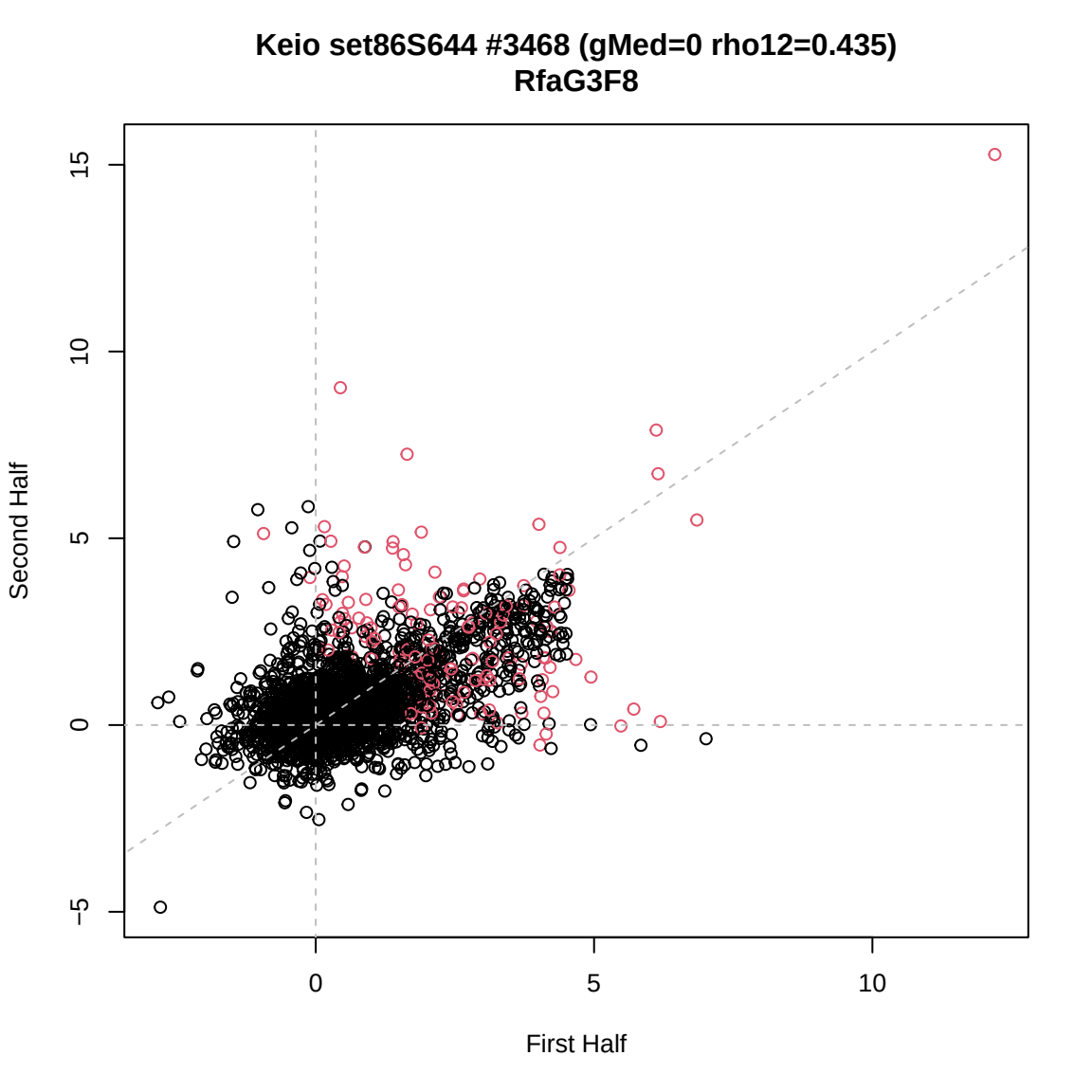

Keio set86S639 #3463 (gMed=0 rho12=0.404)
Rfad3F3
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

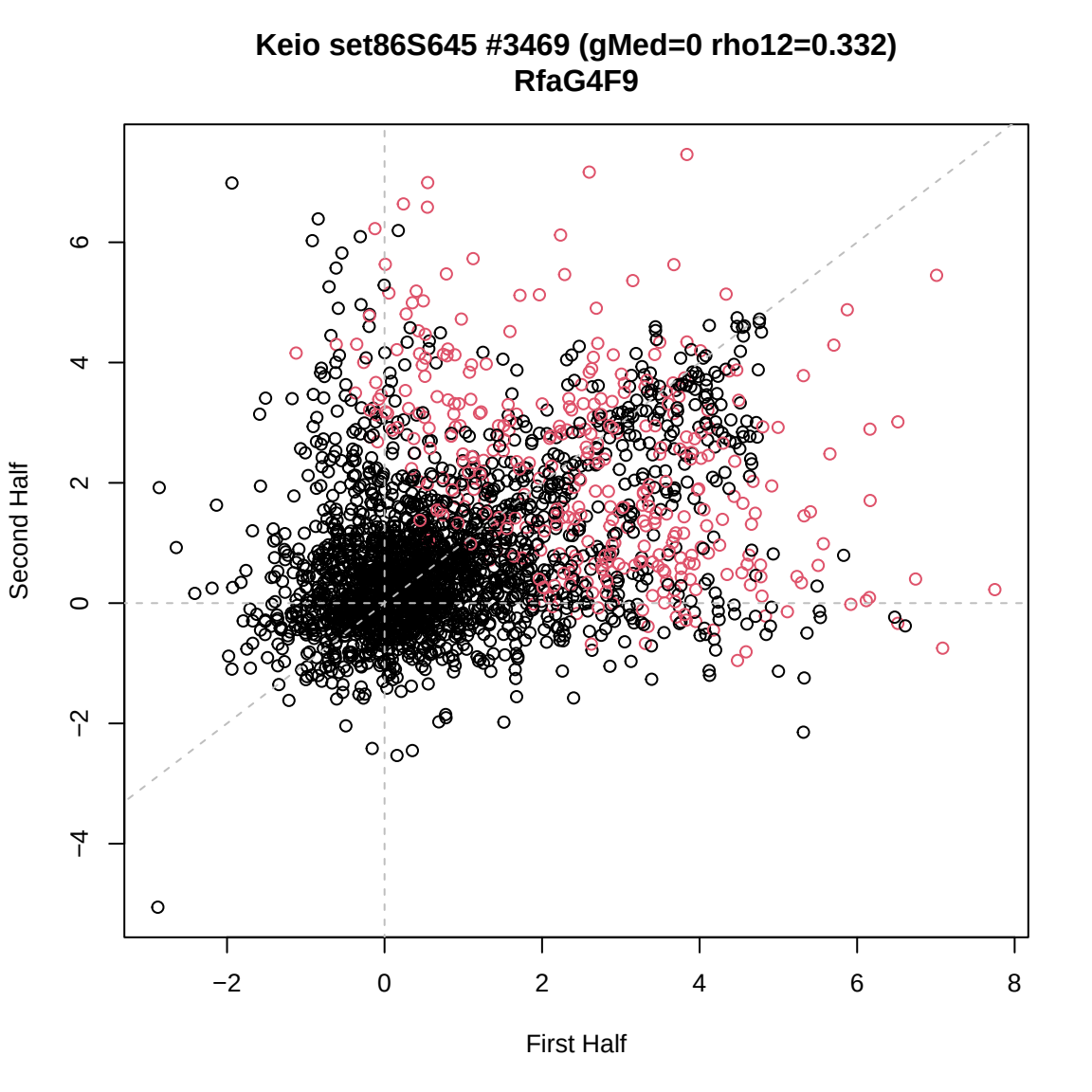

Keio set86S640 #3464 (gMed=0 rho12=0.308)
Rfad4F4
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

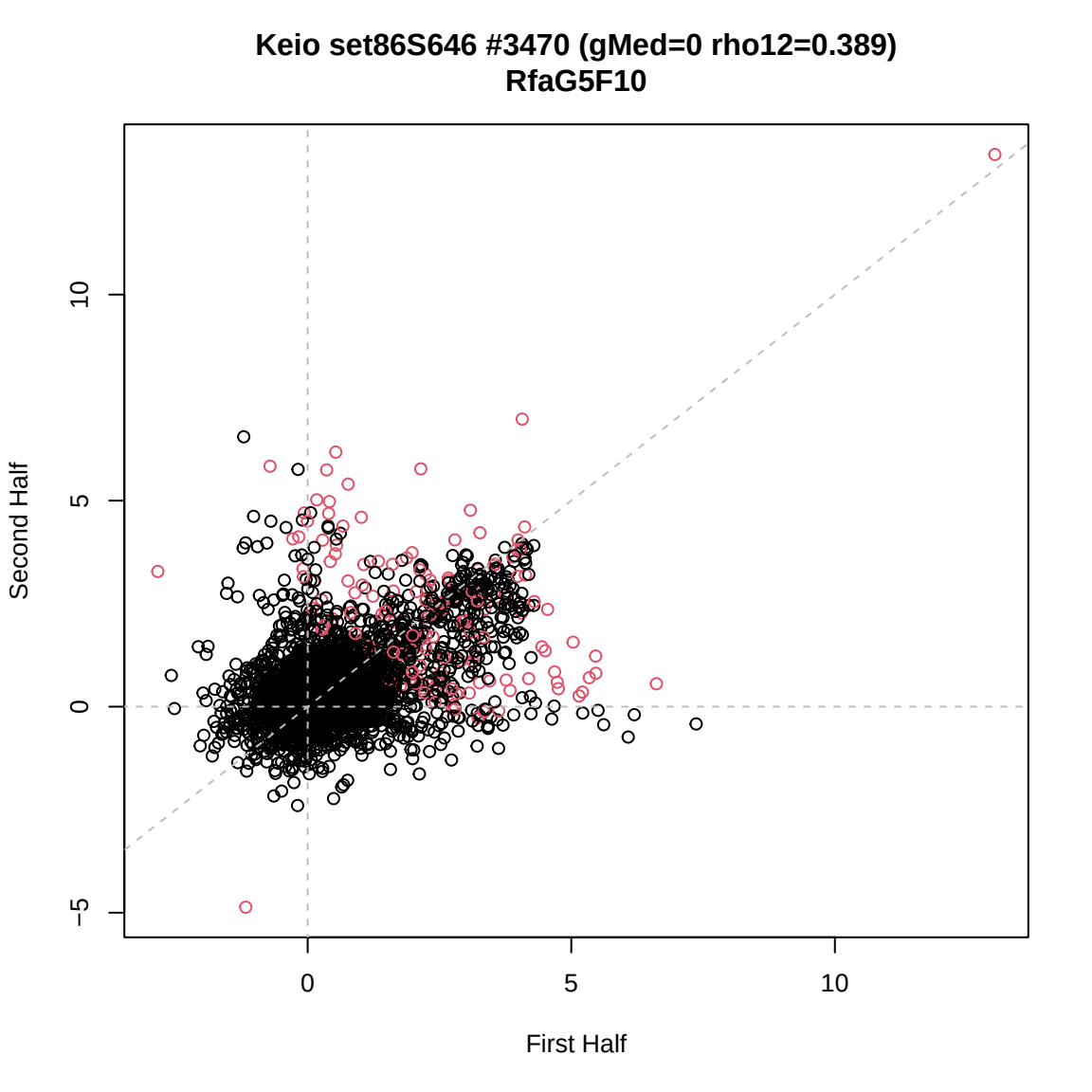

Keio set86S641 #3465 (gMed=0 rho12=0.401)
Rfad5F5
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6

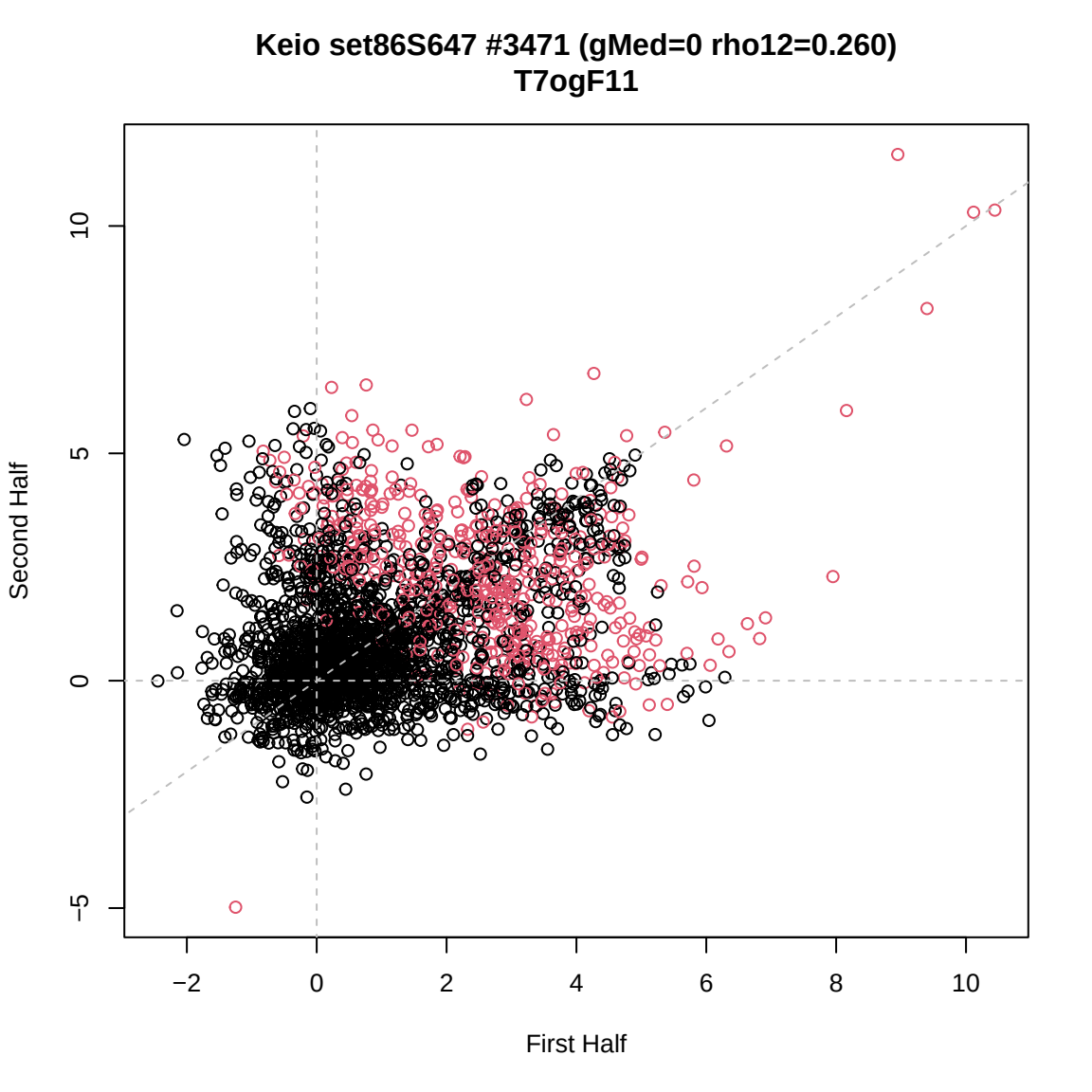

Keio set86S642 #3466 (gMed=0 rho12=0.345)
RfaG1F6
Second Half
First Half
15
10
5
0
−5
0
5
10

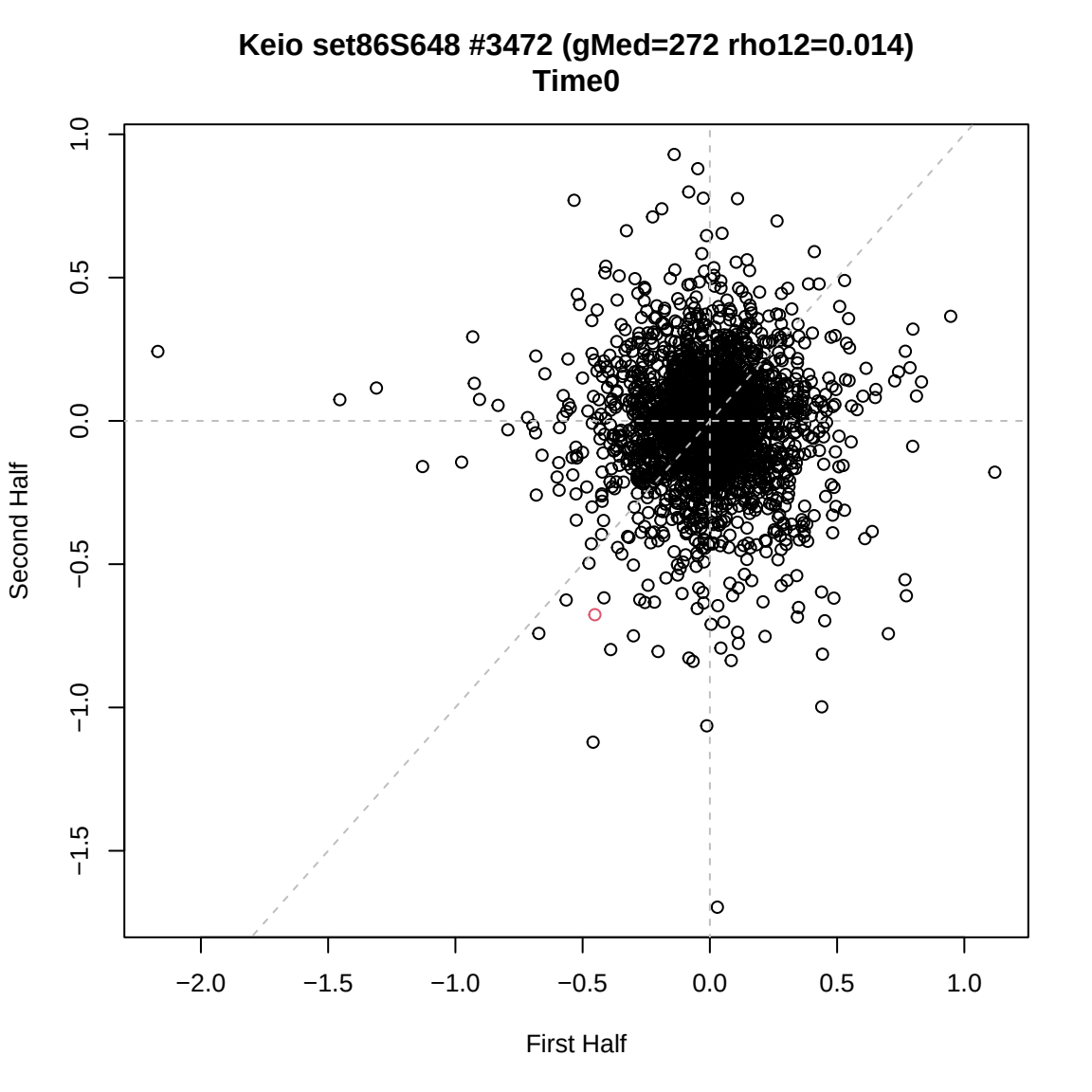

Keio set86S643 #3467 (gMed=0 rho12=0.387)
RfaG2F7
Second Half
First Half
10
5
0
−5
−2
0
2
4
6
8
10

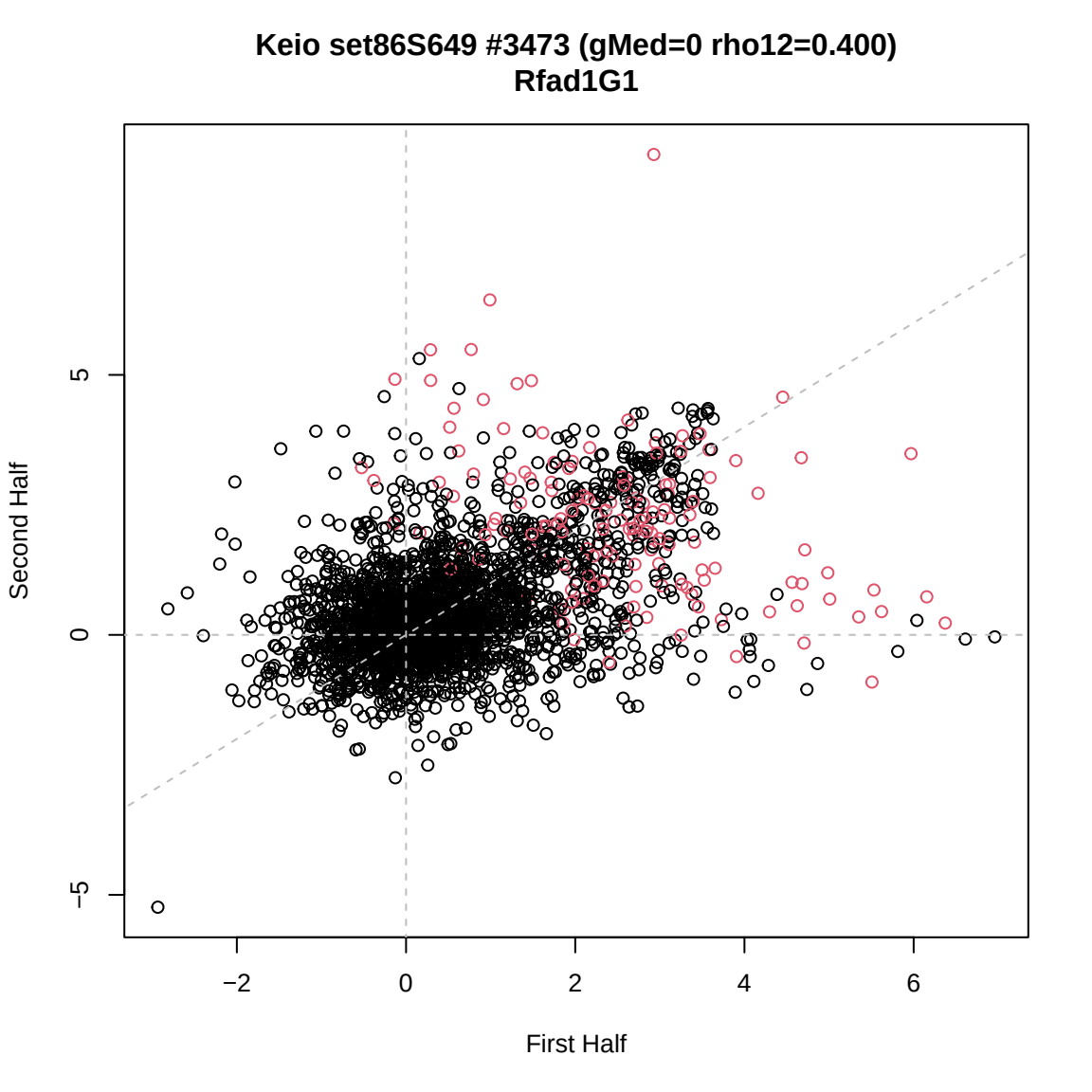

Keio set86S644 #3468 (gMed=0 rho12=0.435)
RfaG3F8
Second Half
First Half
15
10
5
0
−5
0
5
10

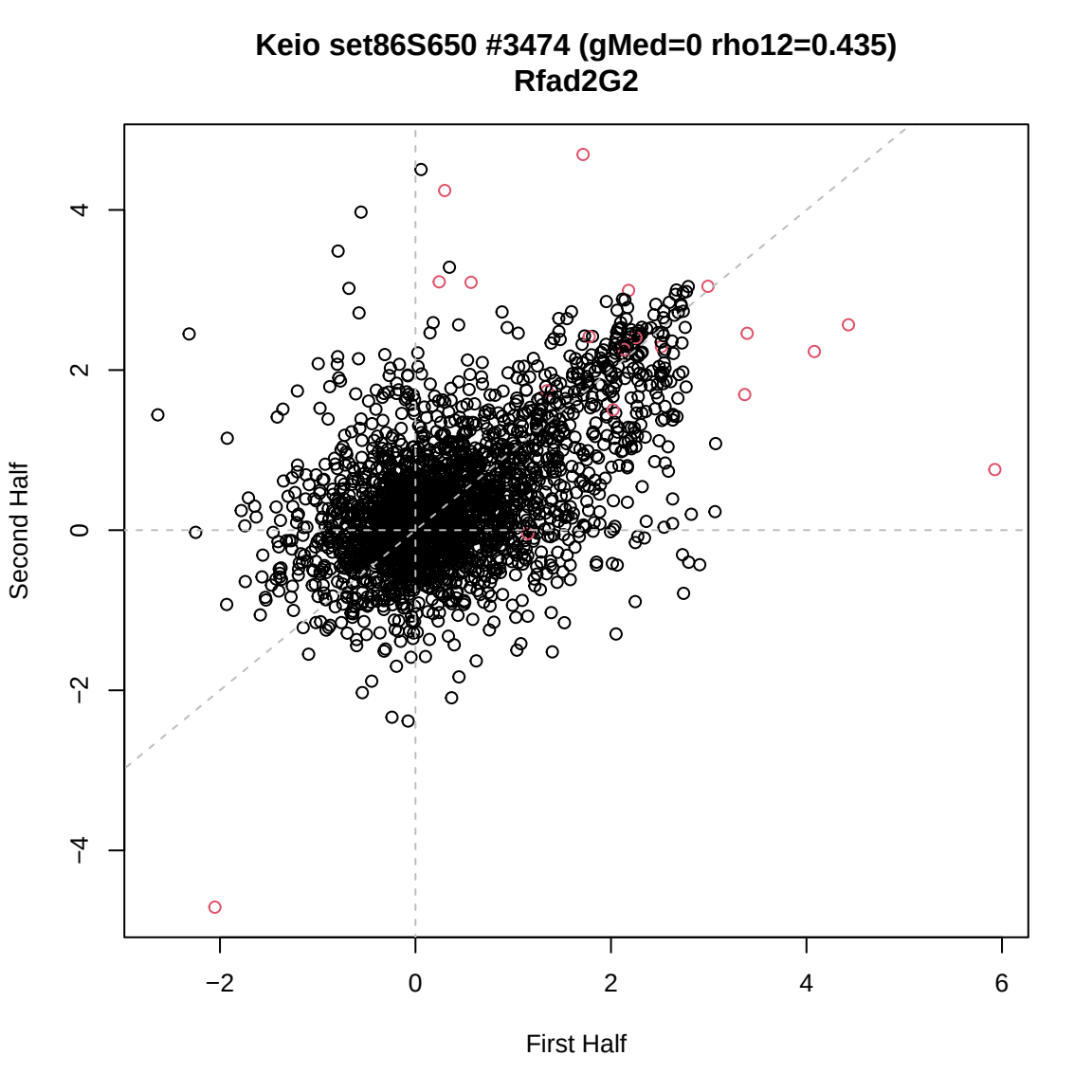

Keio set86S645 #3469 (gMed=0 rho12=0.332)
RfaG4F9
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

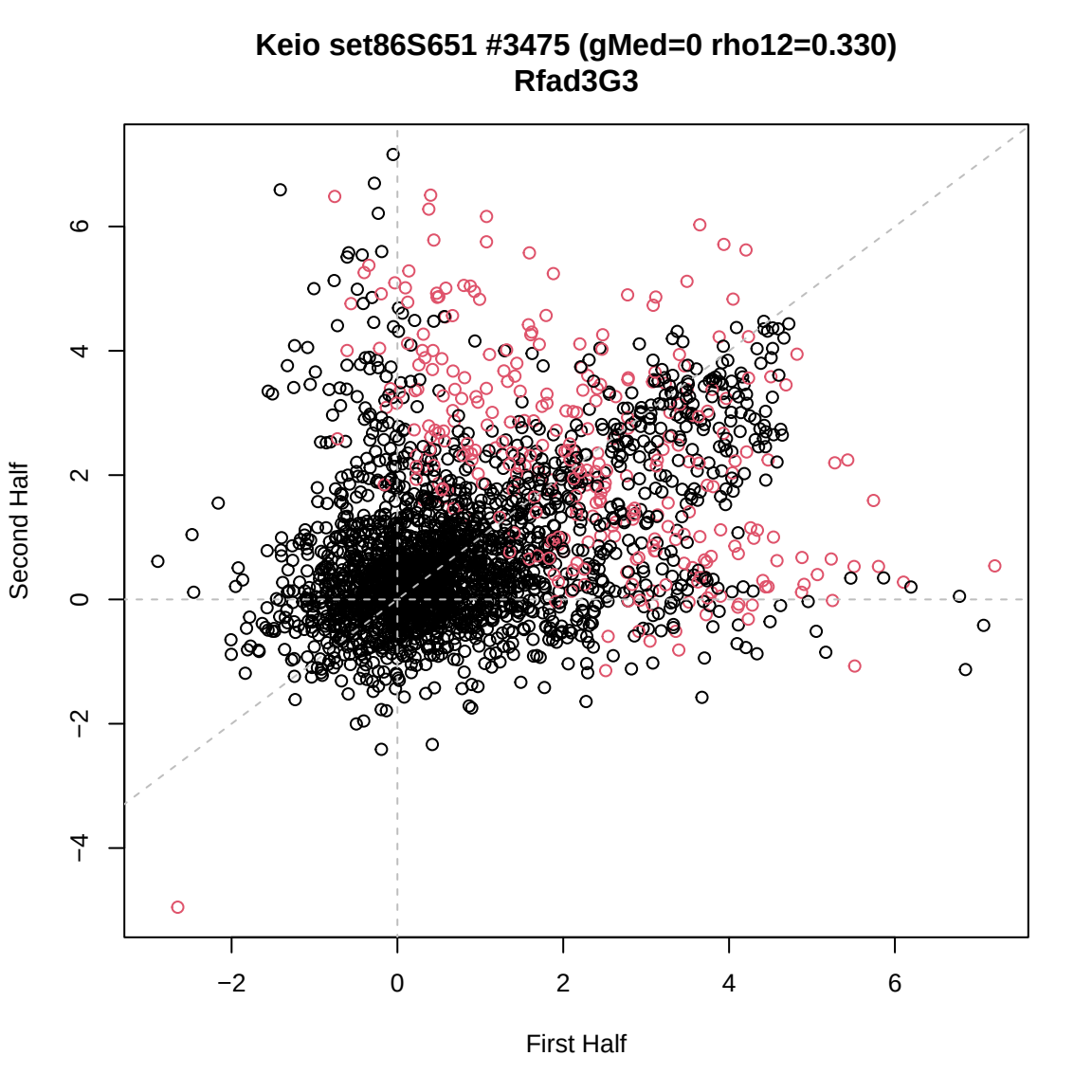

Keio set86S646 #3470 (gMed=0 rho12=0.389)
RfaG5F10
Second Half
First Half
10
5
0
−5
0
5
10

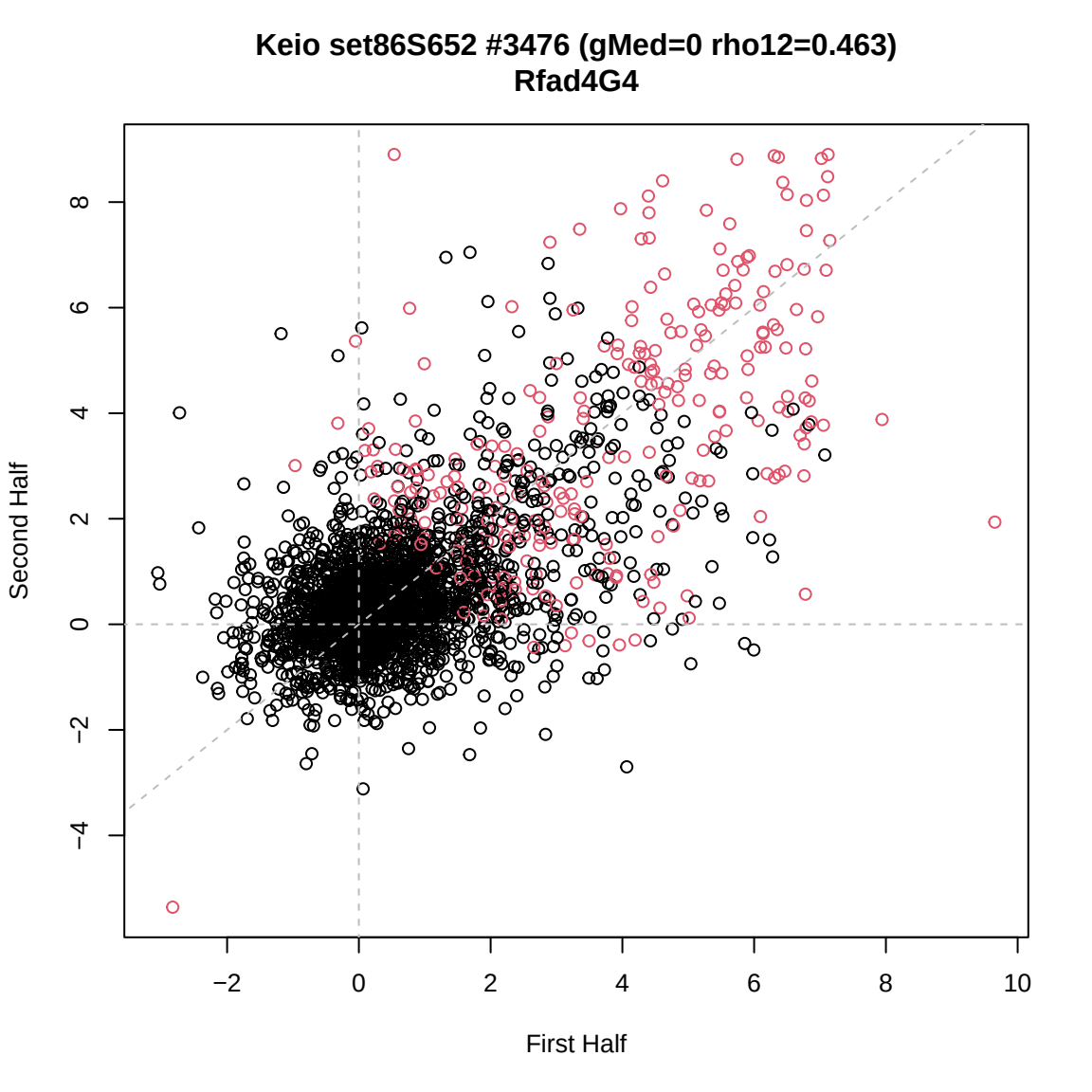

Keio set86S647 #3471 (gMed=0 rho12=0.260)
T7ogF11
Second Half
First Half
10
5
0
−5
−2
0
2
4
6
8
10

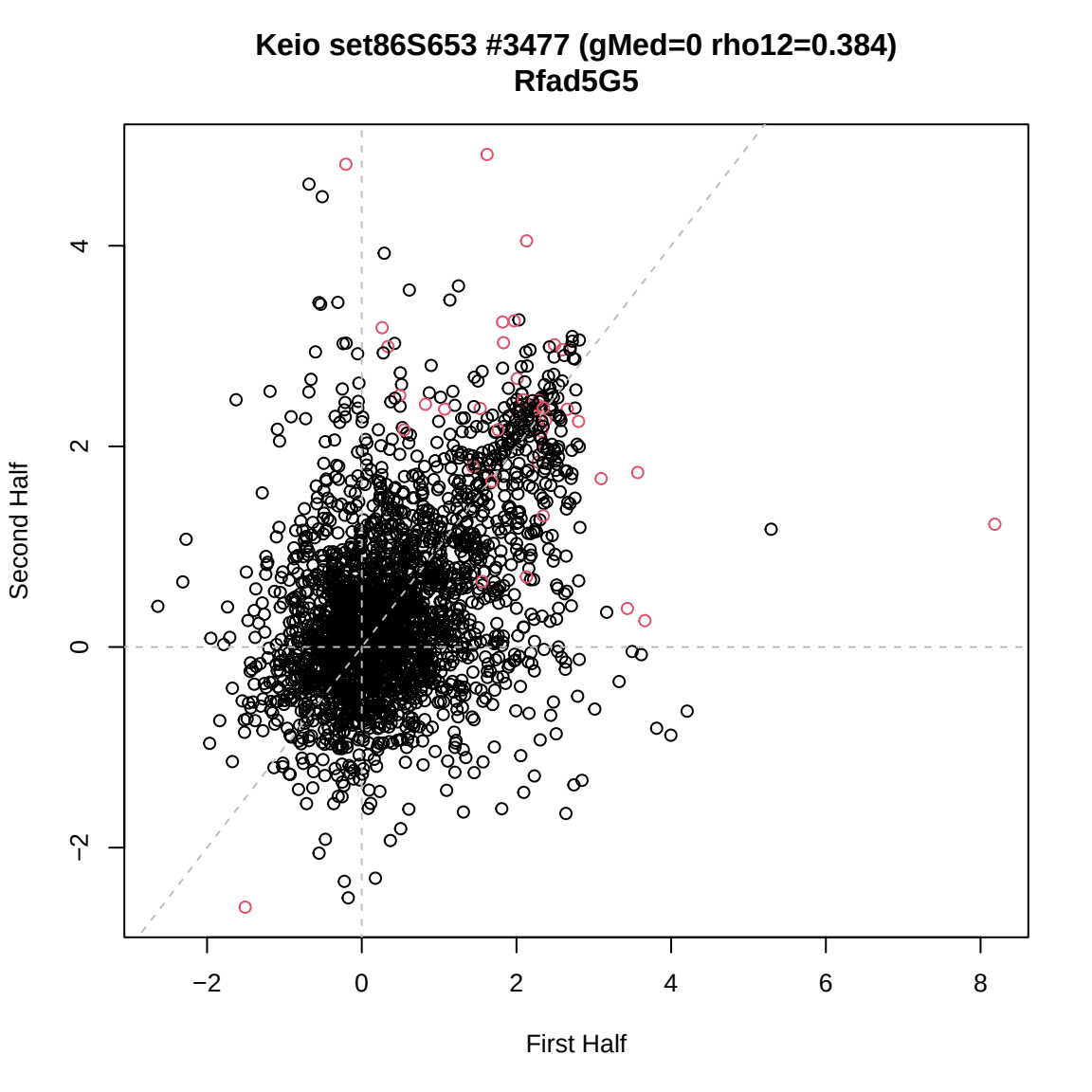

Keio set86S648 #3472 (gMed=272 rho12=0.014)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

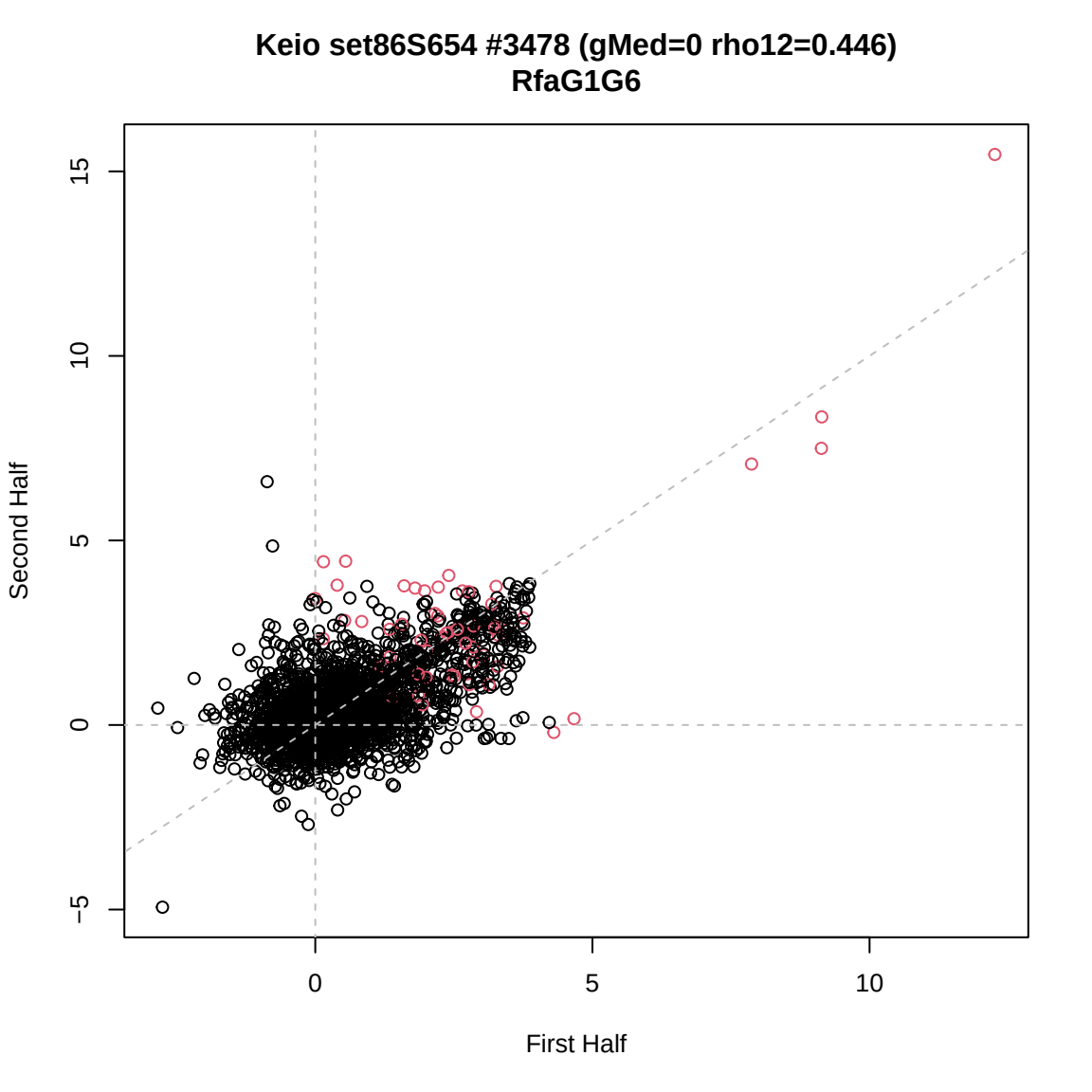

Keio set86S649 #3473 (gMed=0 rho12=0.400)
Rfad1G1
Second Half
First Half
5
0
−5
−2
0
2
4
6

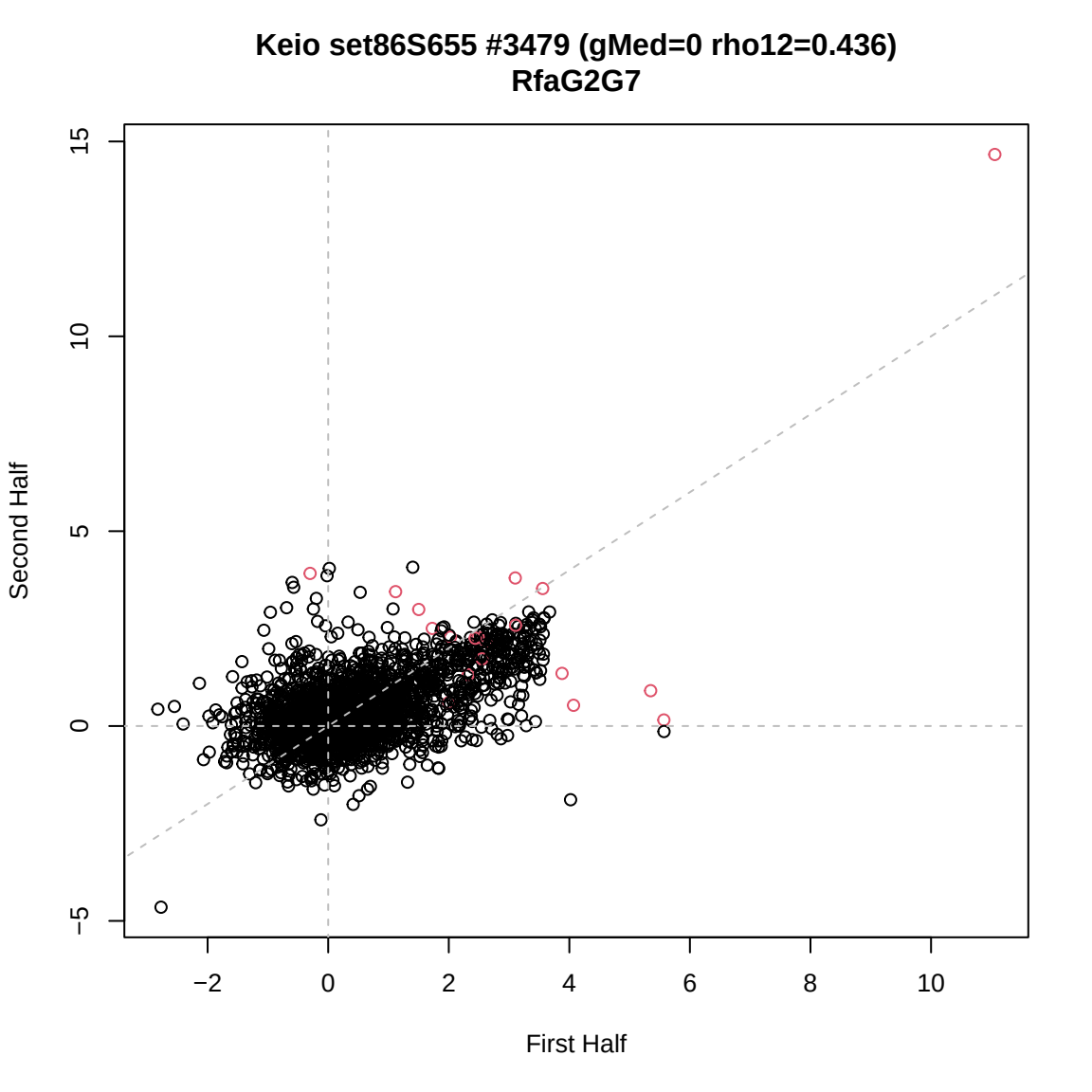

Keio set86S650 #3474 (gMed=0 rho12=0.435)
Rfad2G2
Second Half
First Half
4
2
0
−2
−4
−2
0
2
4
6

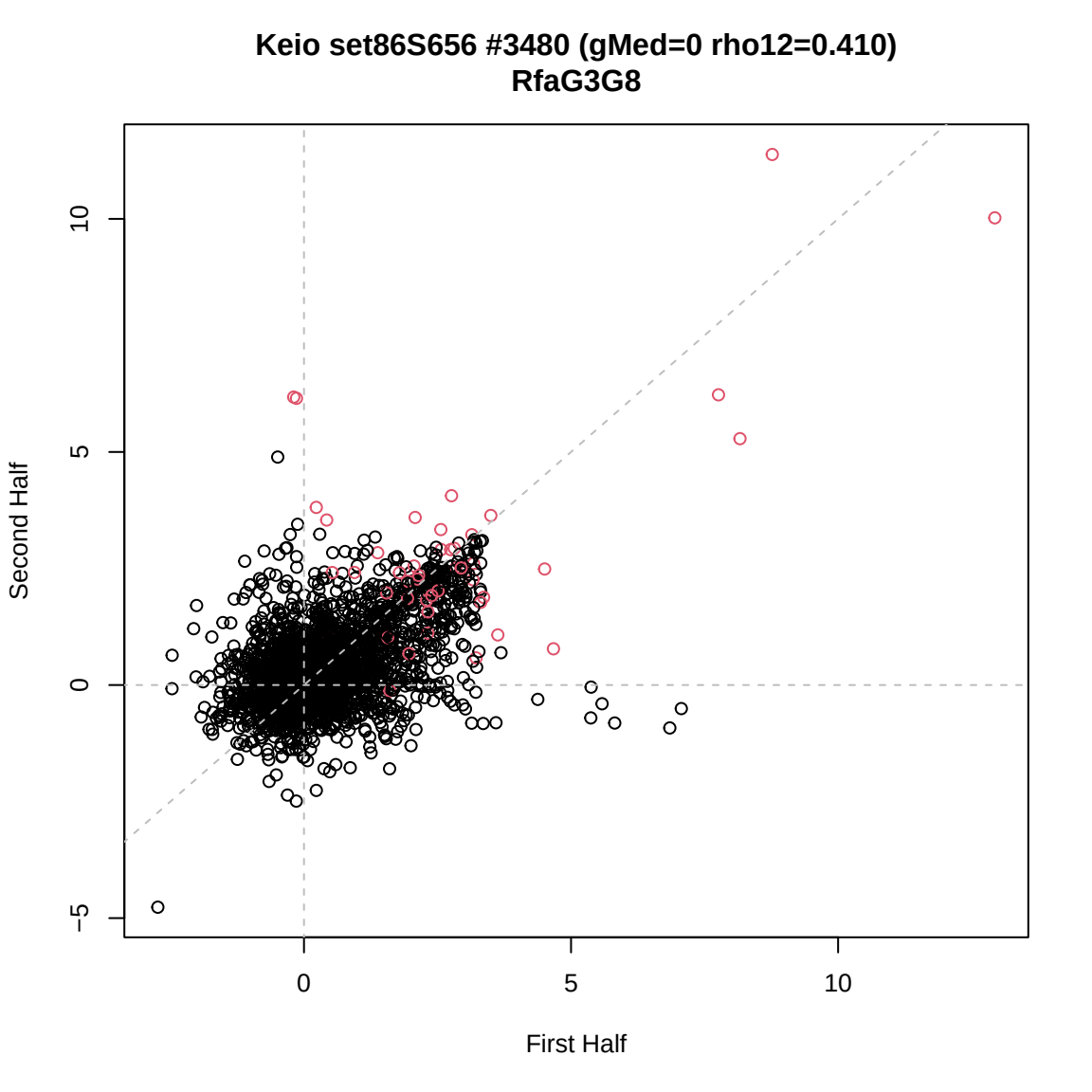

Keio set86S651 #3475 (gMed=0 rho12=0.330)
Rfad3G3
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

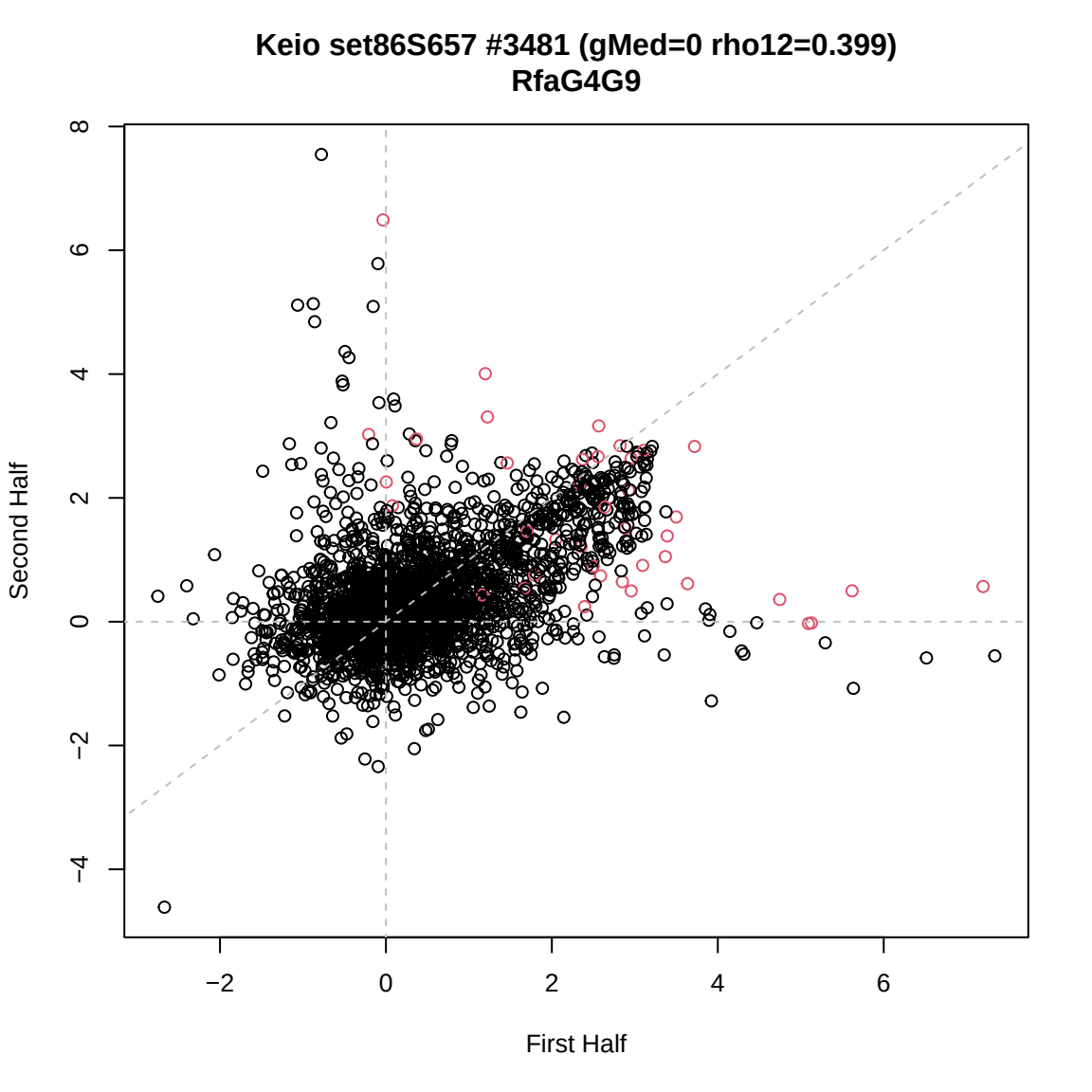

Keio set86S652 #3476 (gMed=0 rho12=0.463)
Rfad4G4
Second Half
First Half
−4
−2
0
2
4
6
8
−2
0
2
4
6
8
10

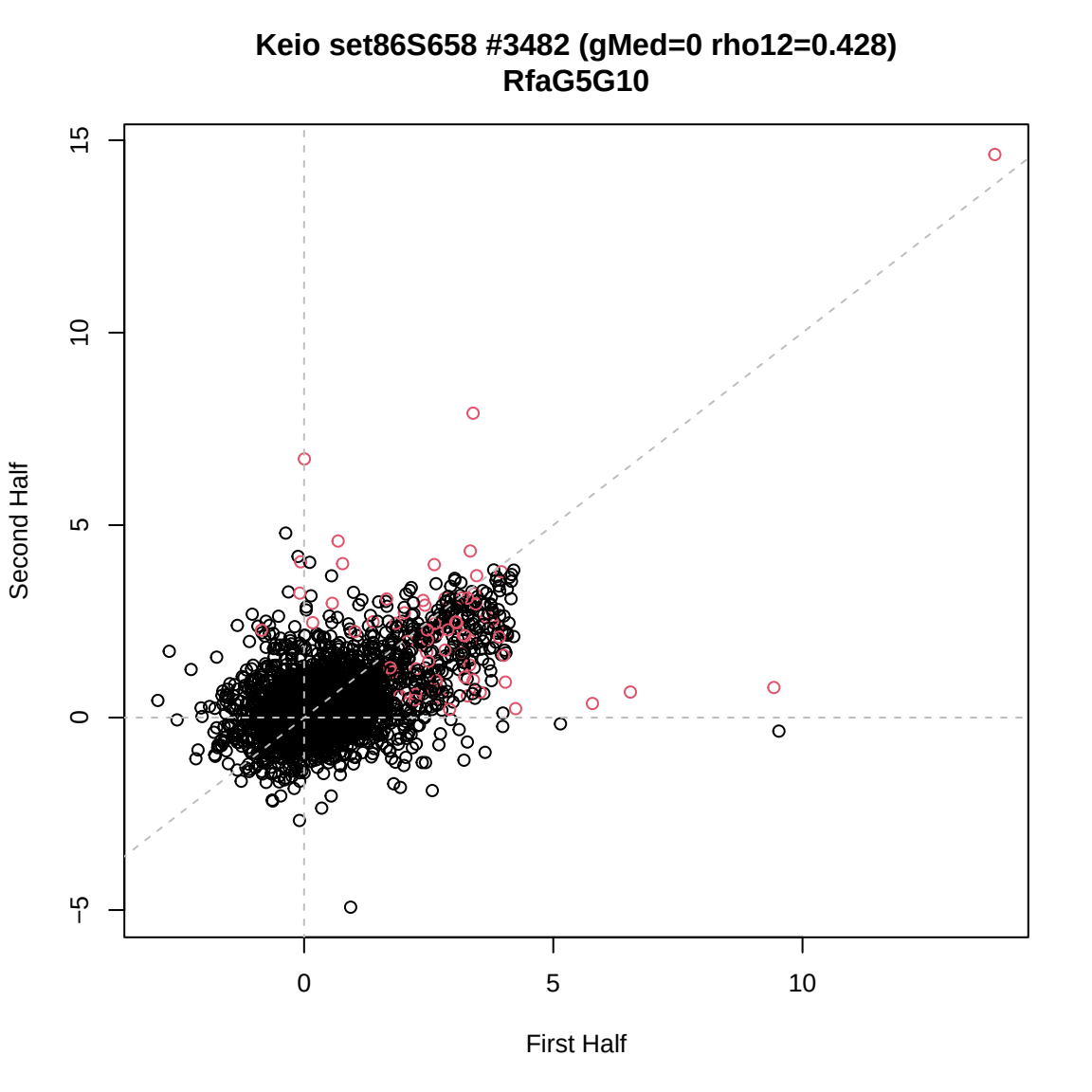

Keio set86S653 #3477 (gMed=0 rho12=0.384)
Rfad5G5
Second Half
First Half
−2
0
2
4
6
8
−2
0
2
4

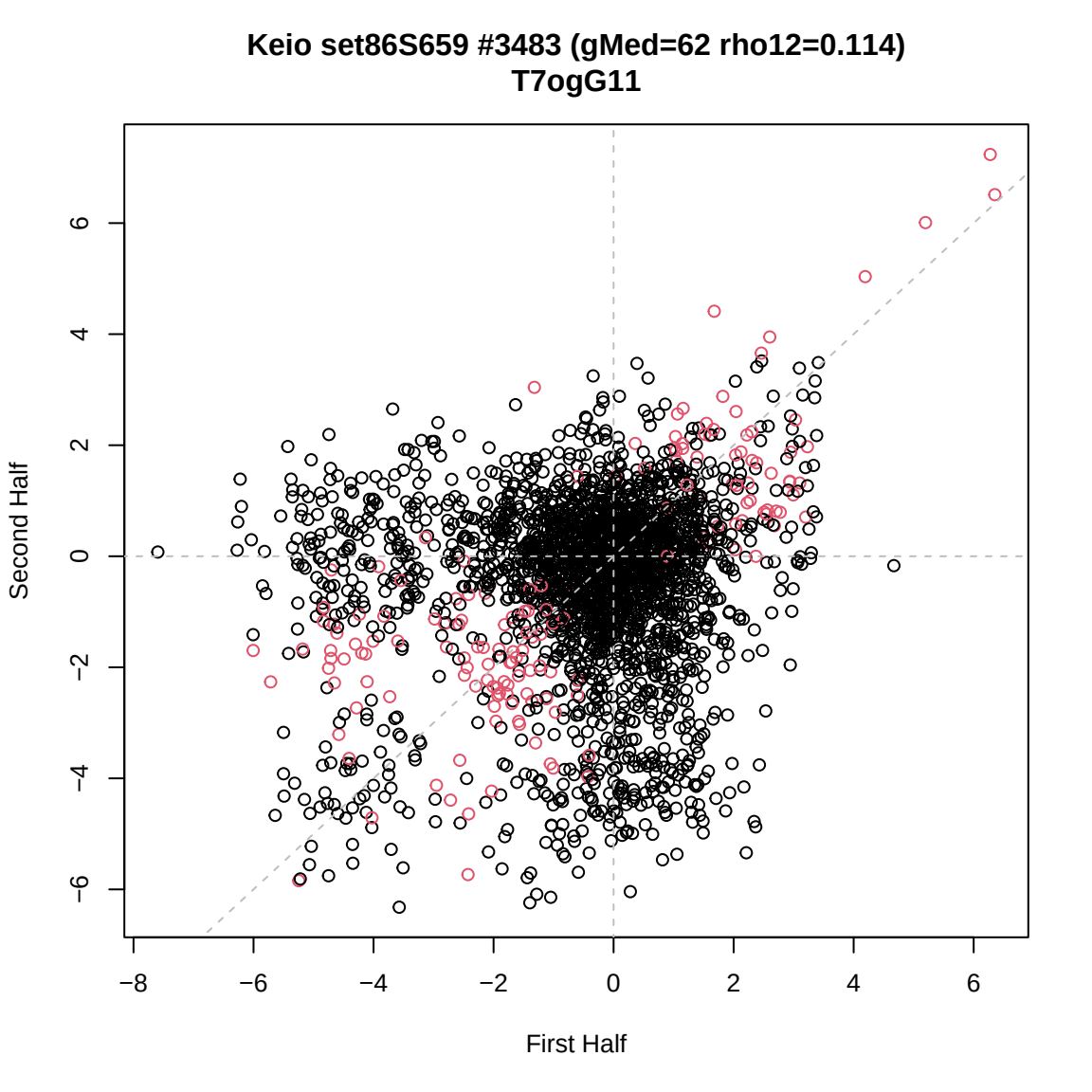

Keio set86S654 #3478 (gMed=0 rho12=0.446)
RfaG1G6
Second Half
First Half
15
10
5
0
−5
0
5
10

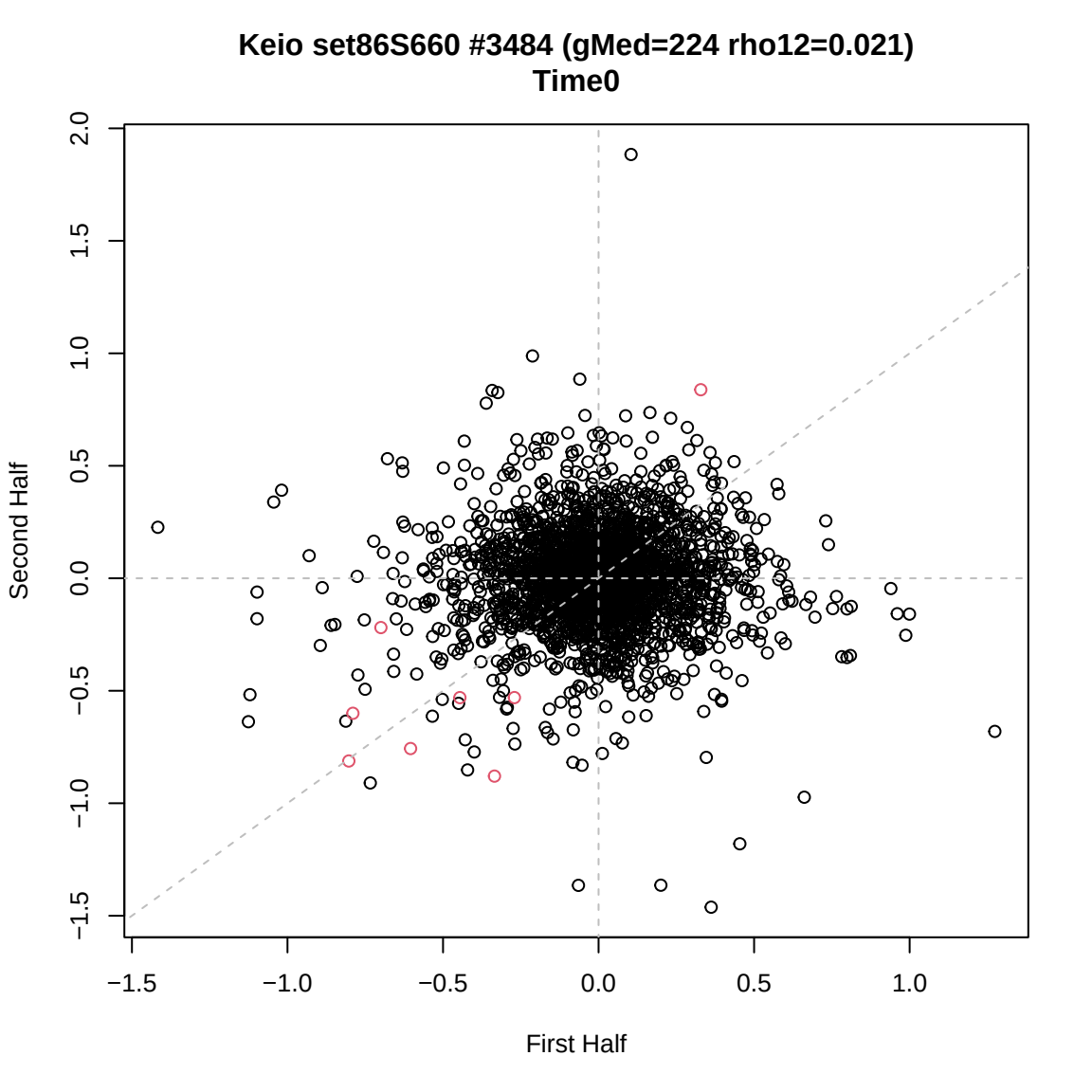

Keio set86S655 #3479 (gMed=0 rho12=0.436)
RfaG2G7
Second Half
First Half
15
10
5
0
−5
−2
0
2
4
6
8
10

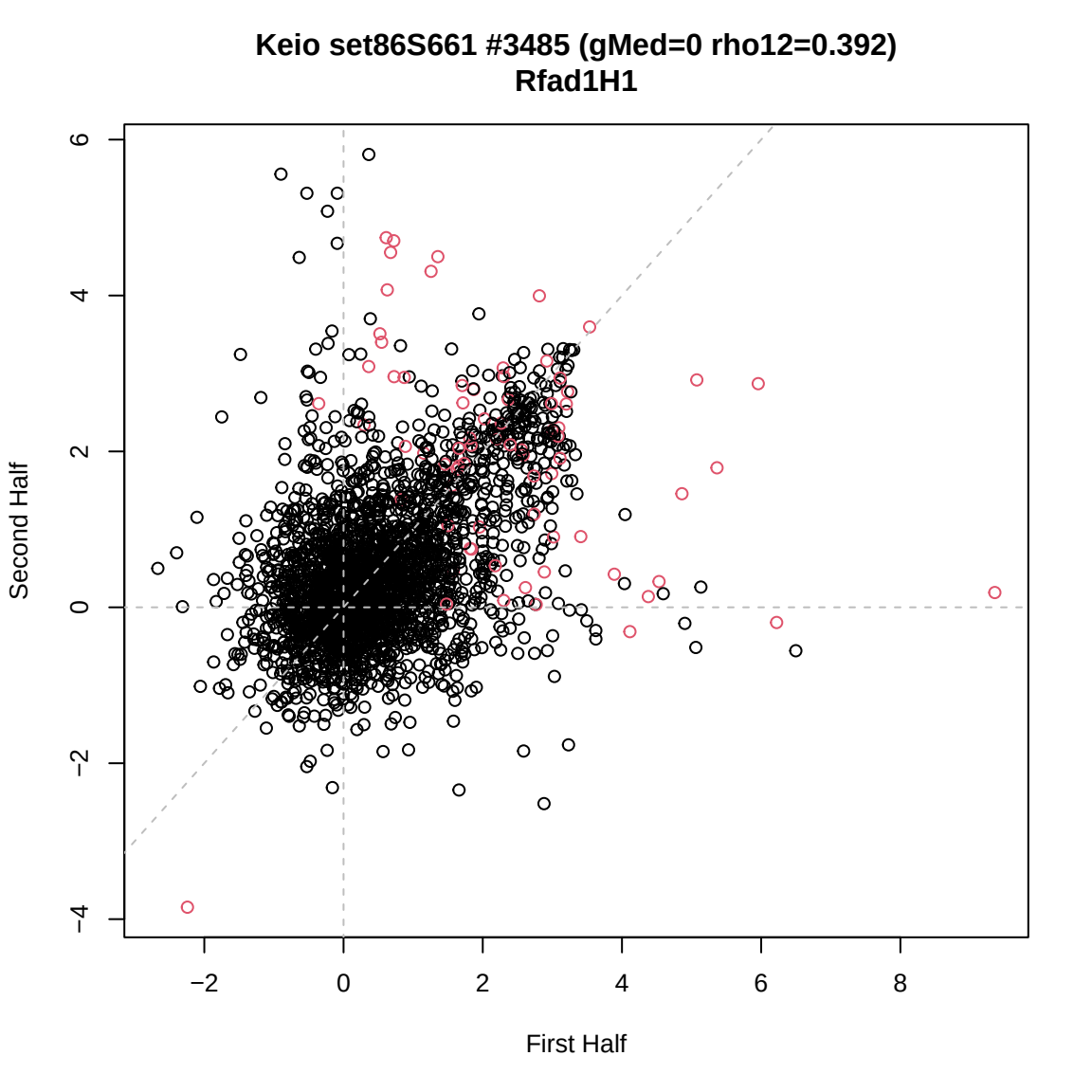

Keio set86S656 #3480 (gMed=0 rho12=0.410)
RfaG3G8
Second Half
First Half
10
5
0
−5
0
5
10

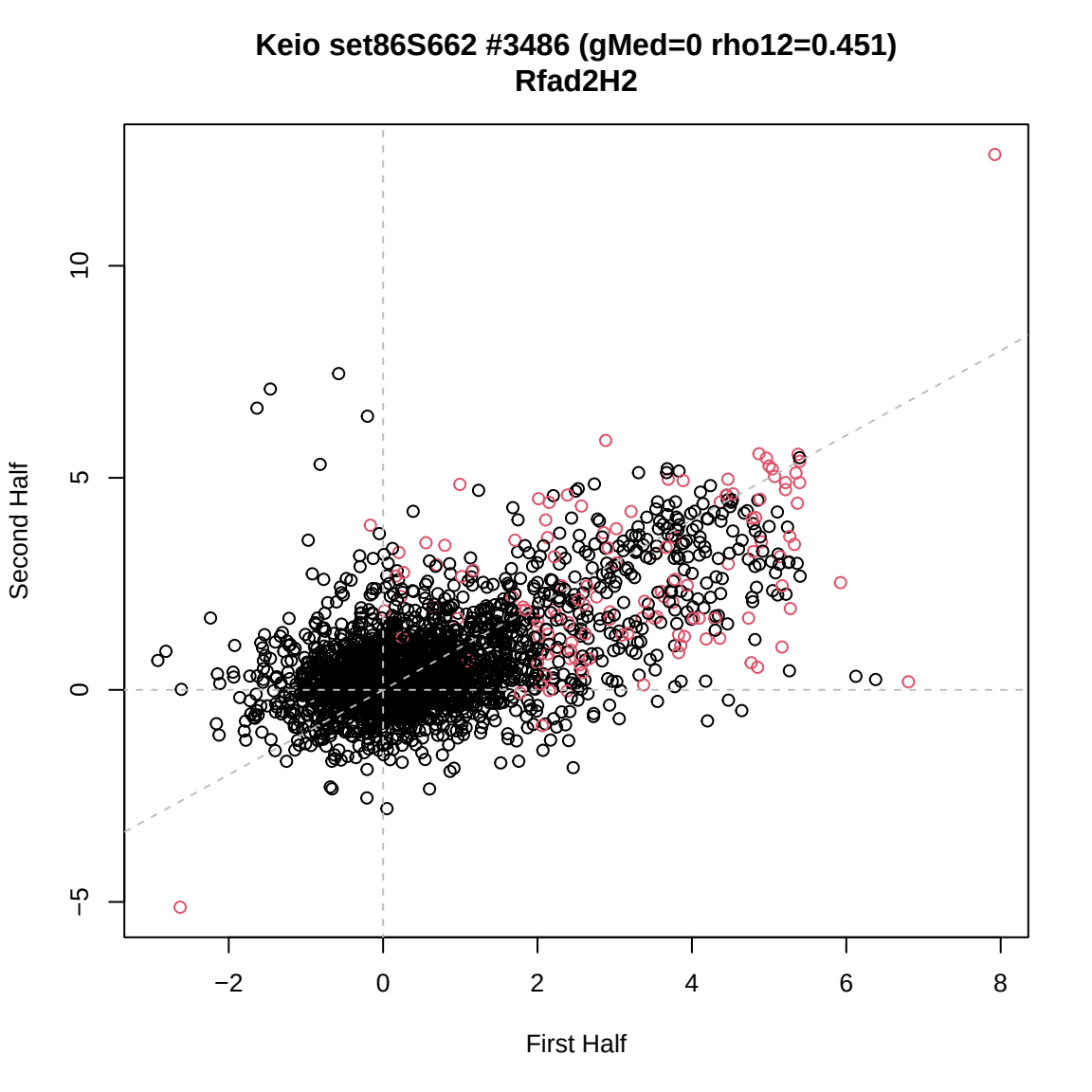

Keio set86S657 #3481 (gMed=0 rho12=0.399)
RfaG4G9
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

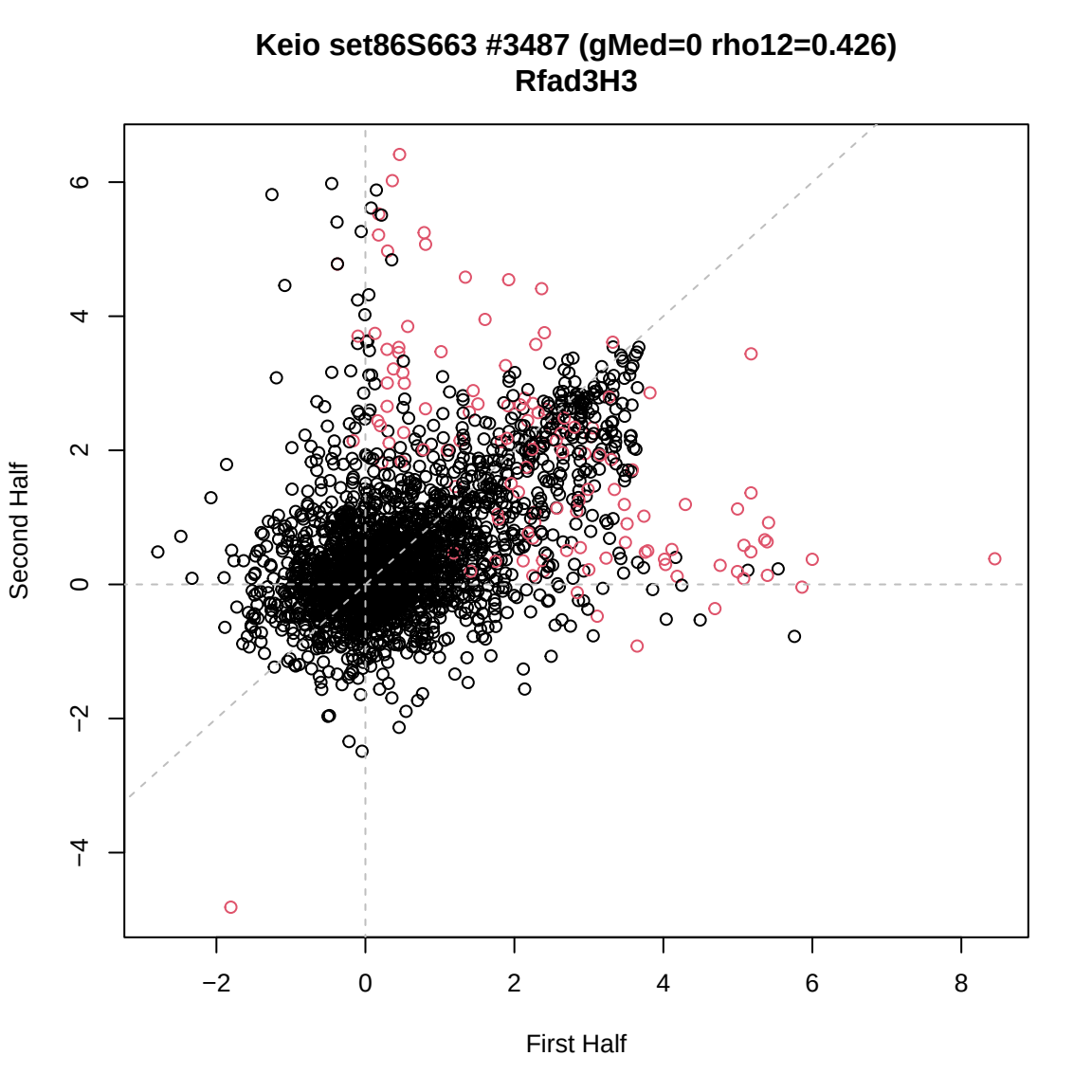

Keio set86S658 #3482 (gMed=0 rho12=0.428)
RfaG5G10
Second Half
First Half
15
10
5
0
−5
0
5
10

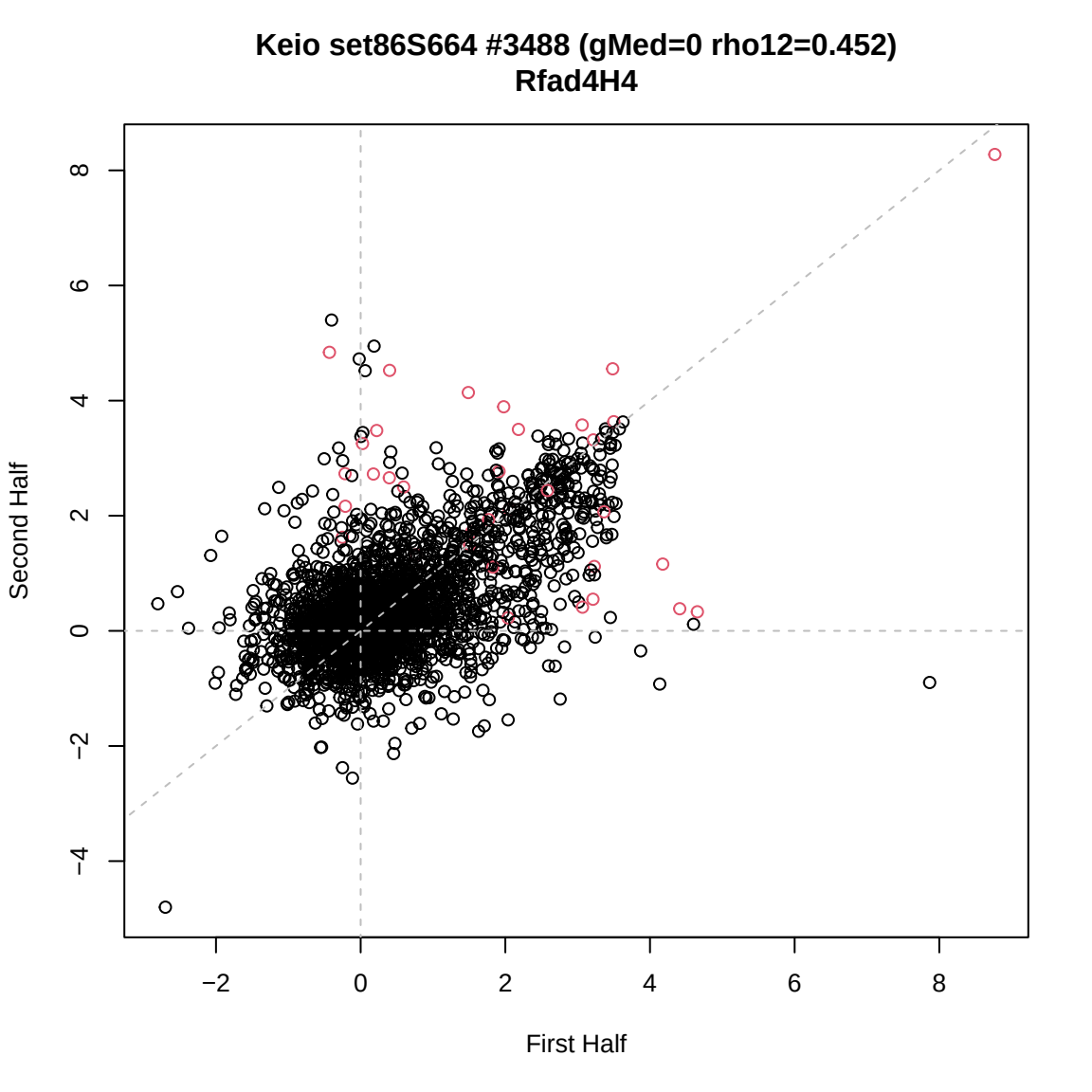

Keio set86S659 #3483 (gMed=62 rho12=0.114)
T7ogG11
Second Half
First Half
6
4
2
0
−2
−4
−6
−8
−6
−4
−2
0
2
4
6

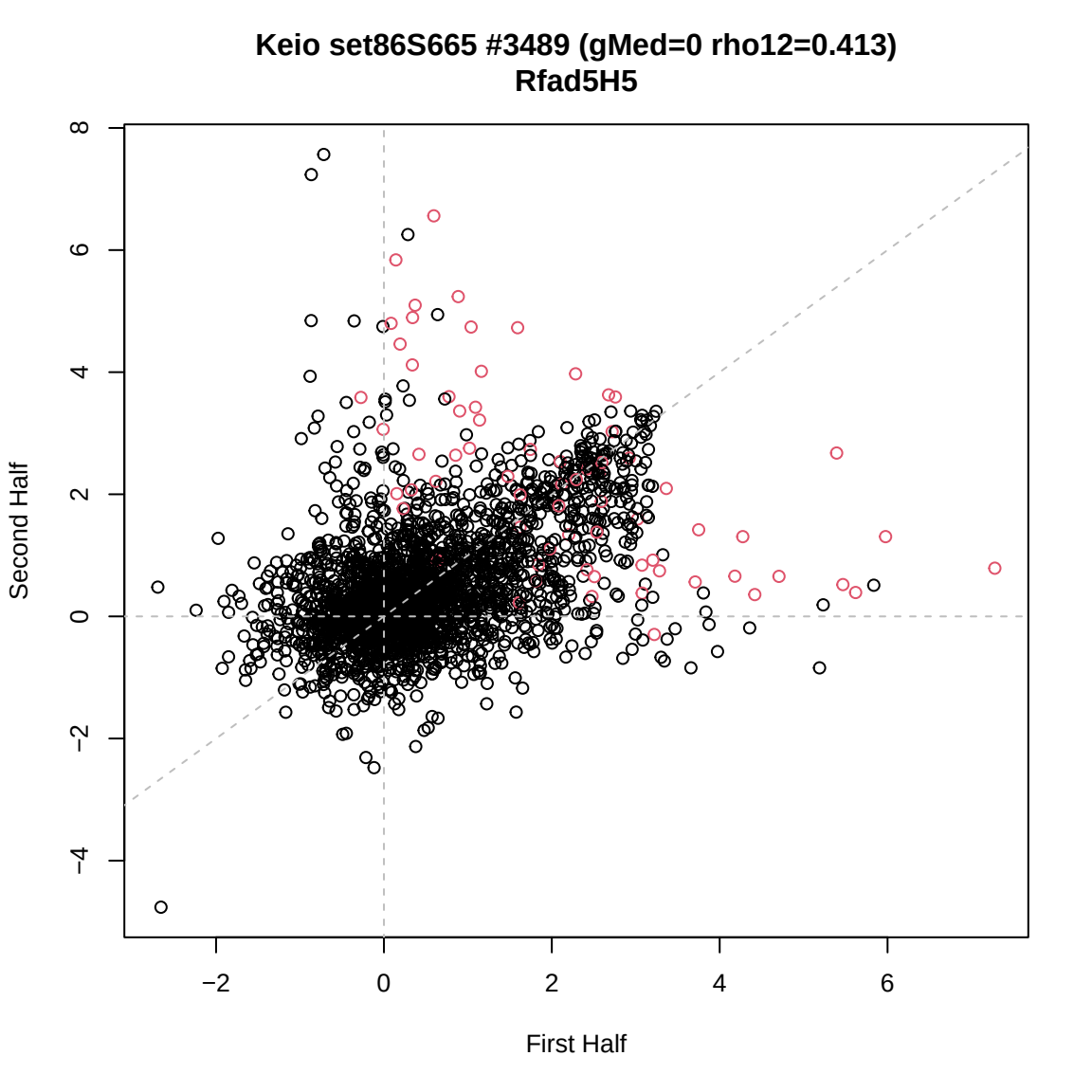

Keio set86S660 #3484 (gMed=224 rho12=0.021)
Time0
Second Half
First Half
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

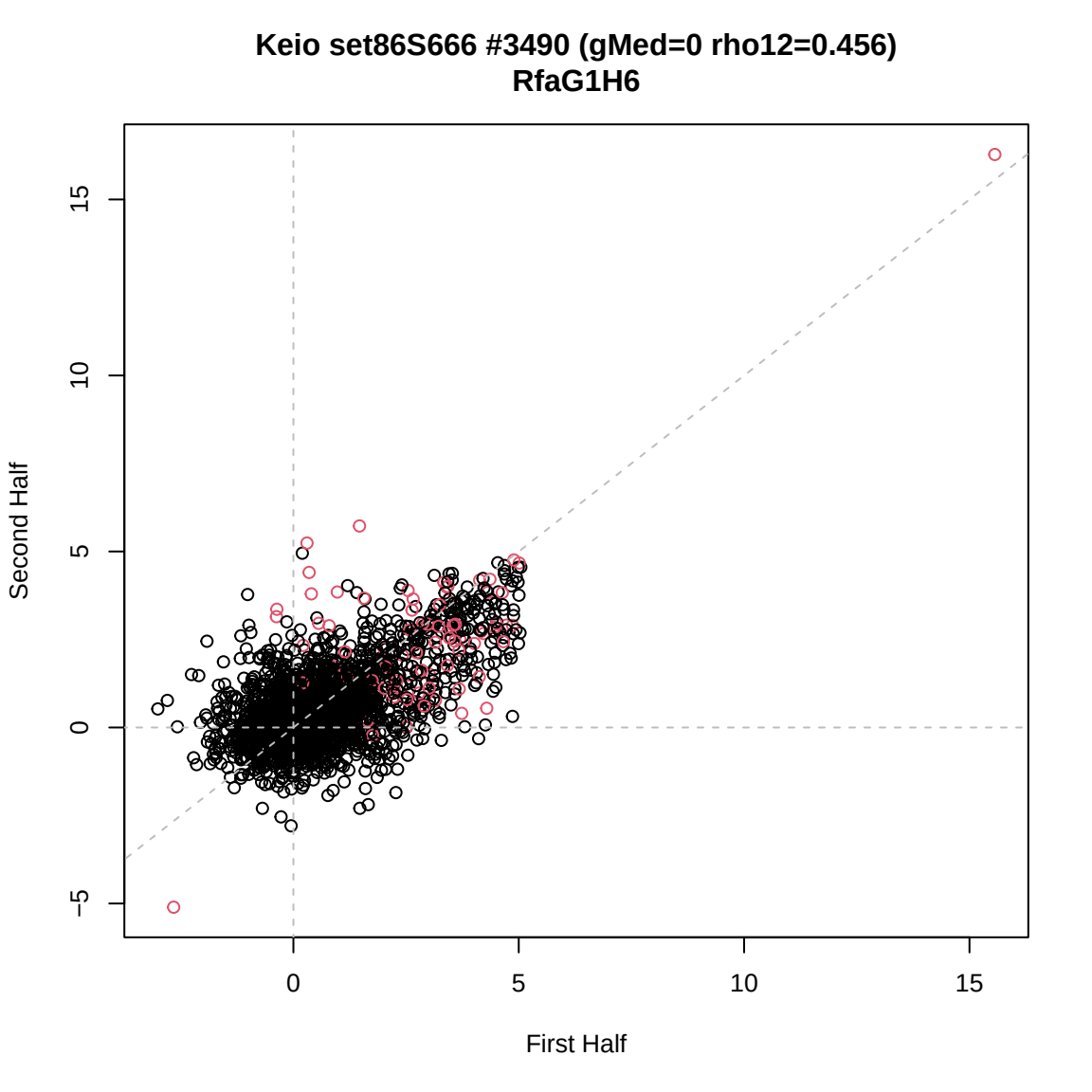

Keio set86S661 #3485 (gMed=0 rho12=0.392)
Rfad1H1
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

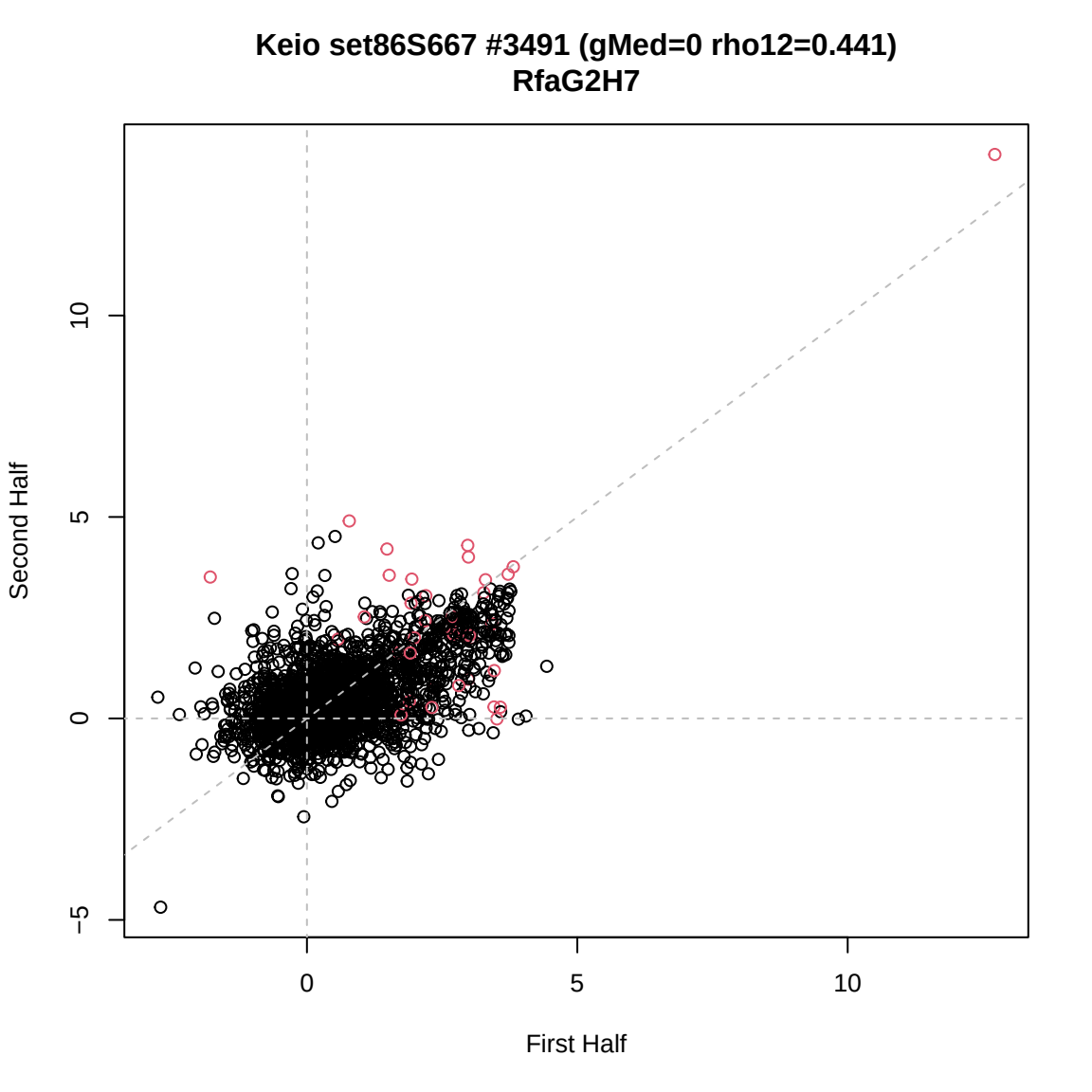

Keio set86S662 #3486 (gMed=0 rho12=0.451)
Rfad2H2
Second Half
First Half
10
5
0
−5
−2
0
2
4
6
8

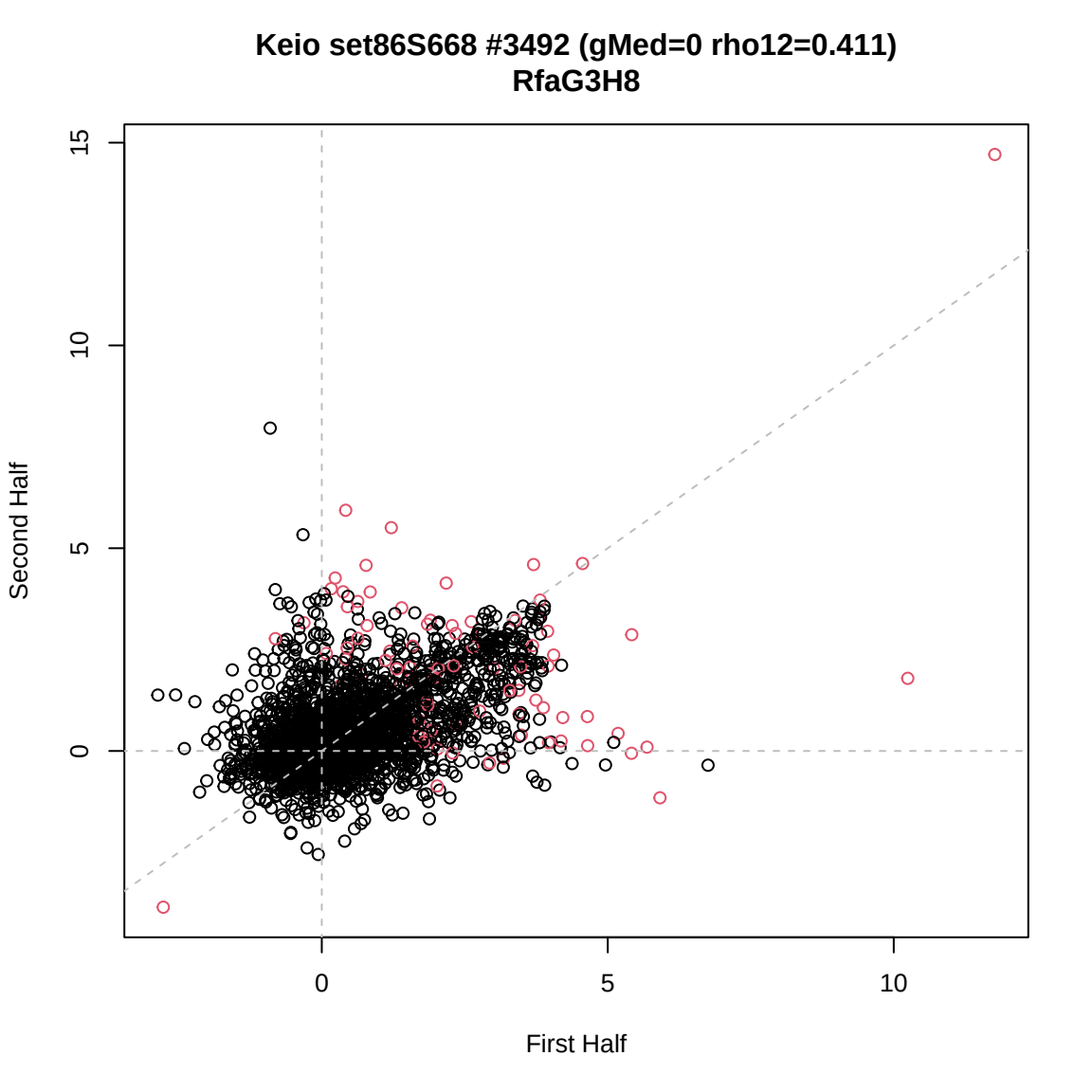

Keio set86S663 #3487 (gMed=0 rho12=0.426)
Rfad3H3
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6
8

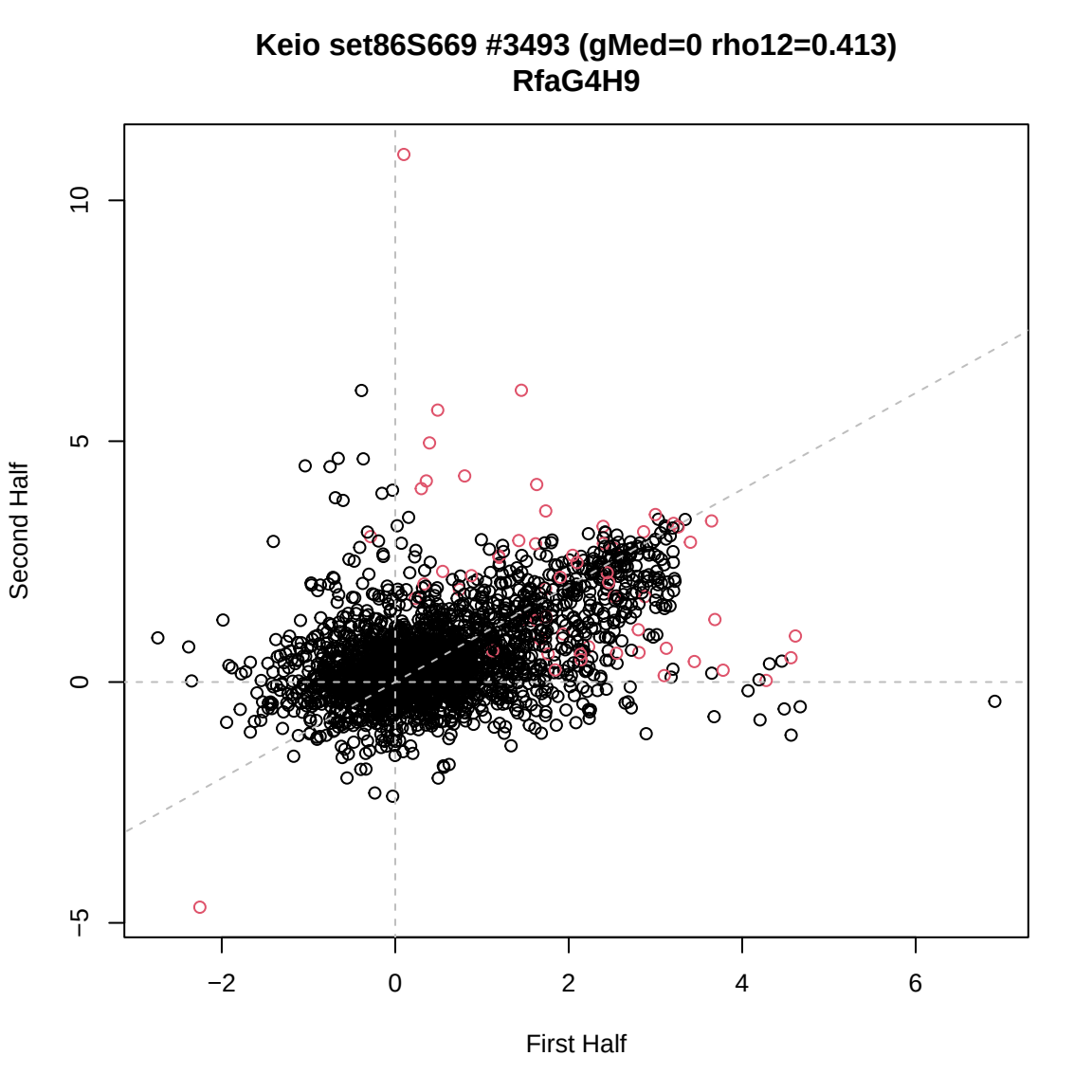

Keio set86S664 #3488 (gMed=0 rho12=0.452)
Rfad4H4
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6
8

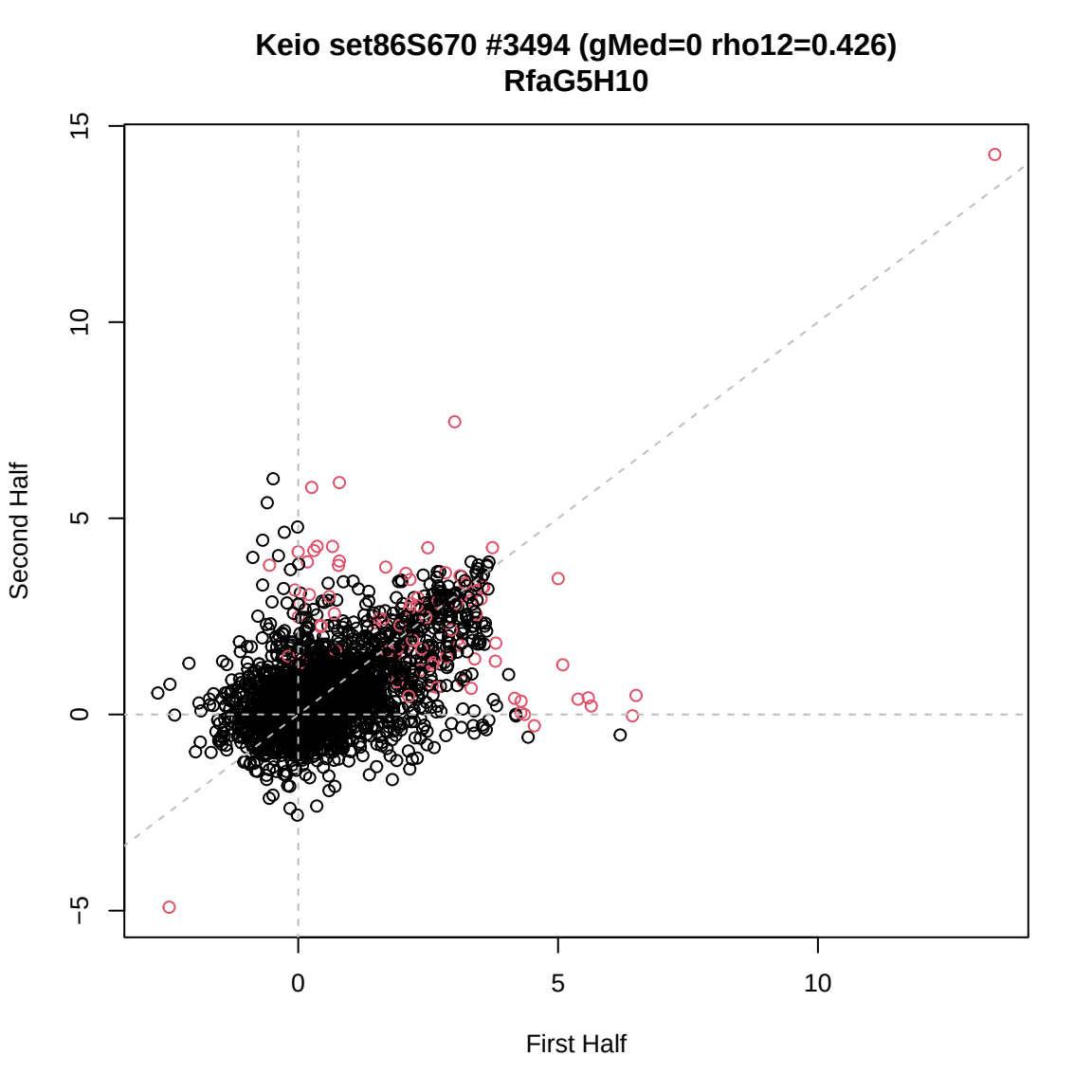

Keio set86S665 #3489 (gMed=0 rho12=0.413)
Rfad5H5
Second Half
First Half
8
6
4
2
0
−2
−4
−2
0
2
4
6

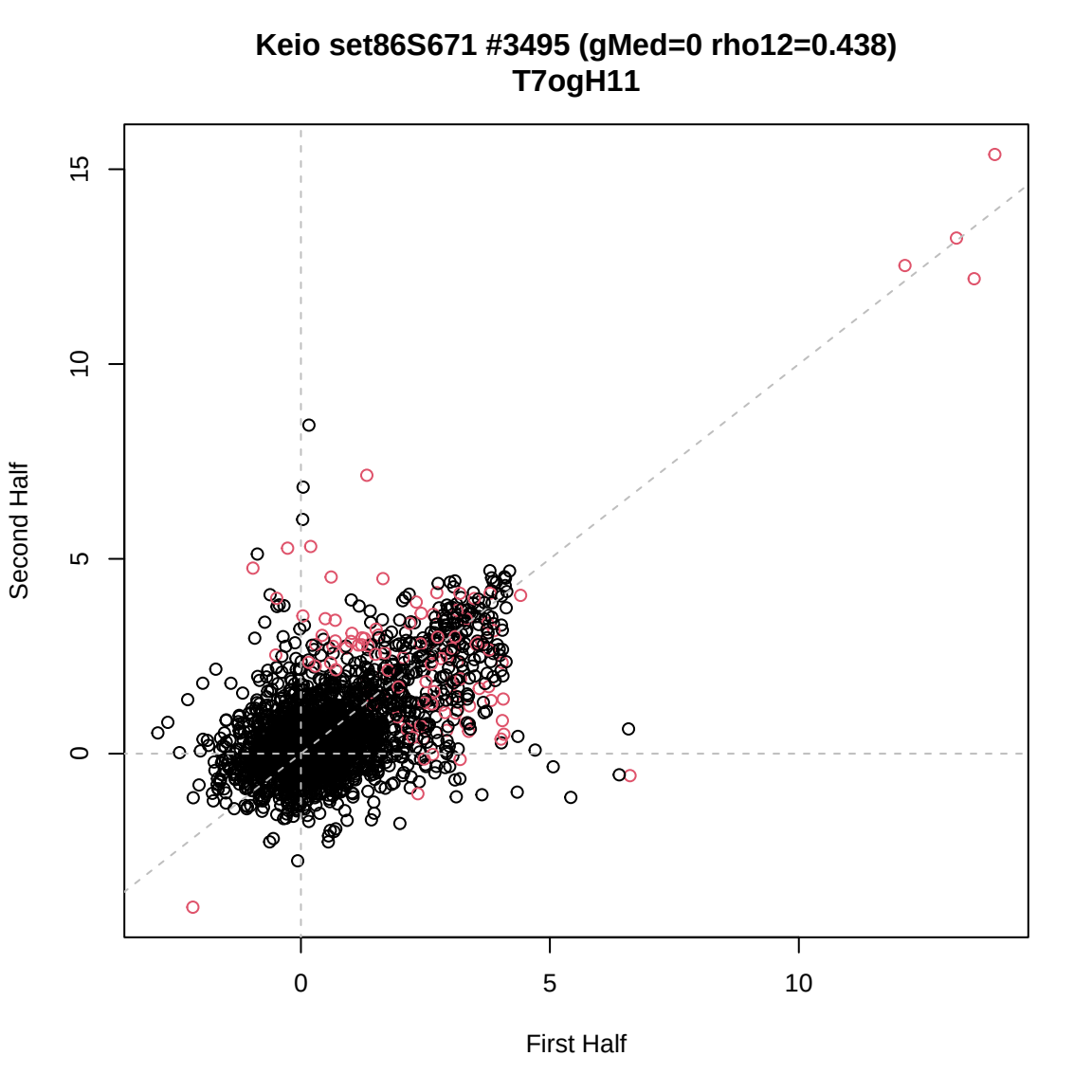

Keio set86S666 #3490 (gMed=0 rho12=0.456)
RfaG1H6
Second Half
First Half
15
10
5
0
−5
0
5
10
15

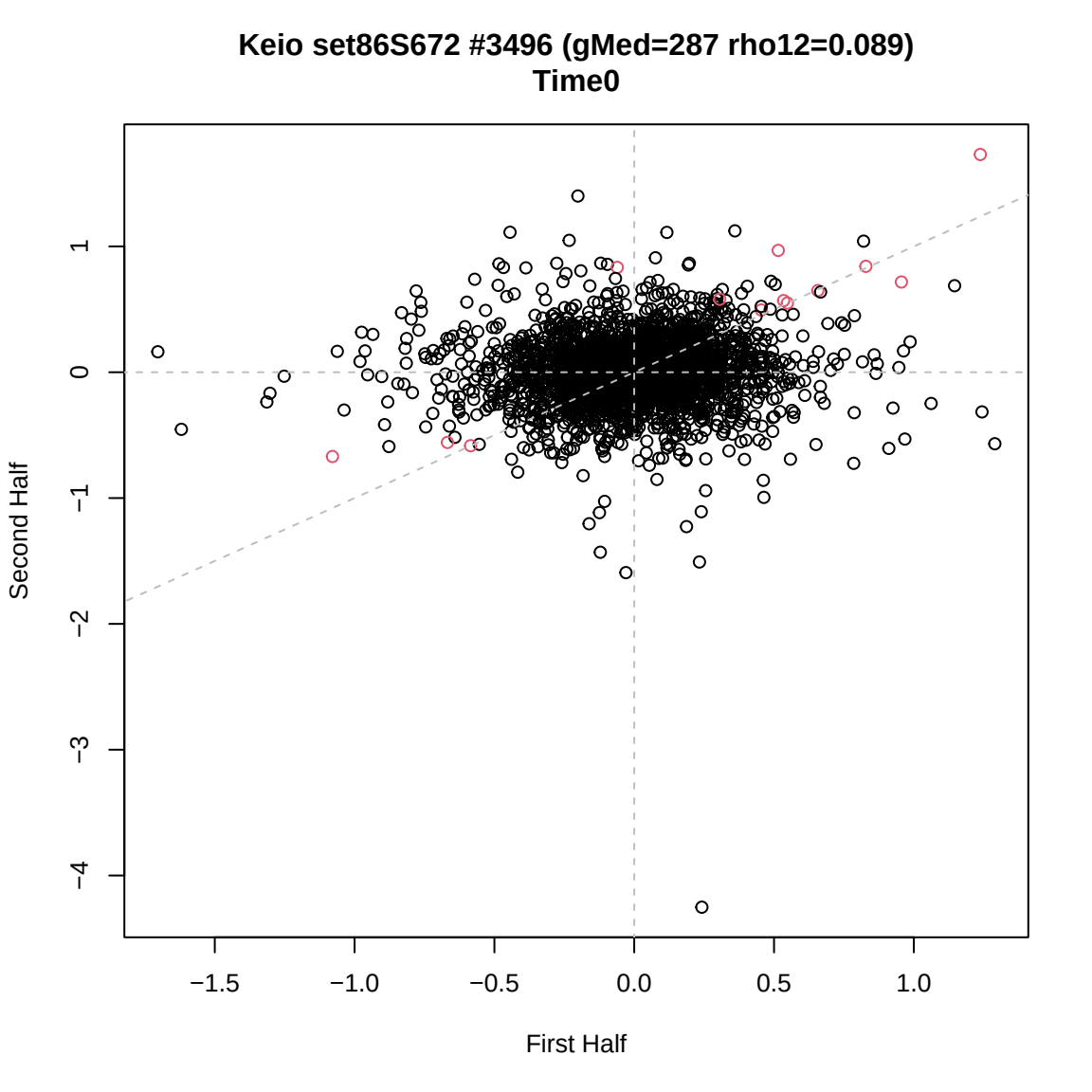

Keio set86S667 #3491 (gMed=0 rho12=0.441)
RfaG2H7
Second Half
First Half
10
5
0
−5
0
5
10

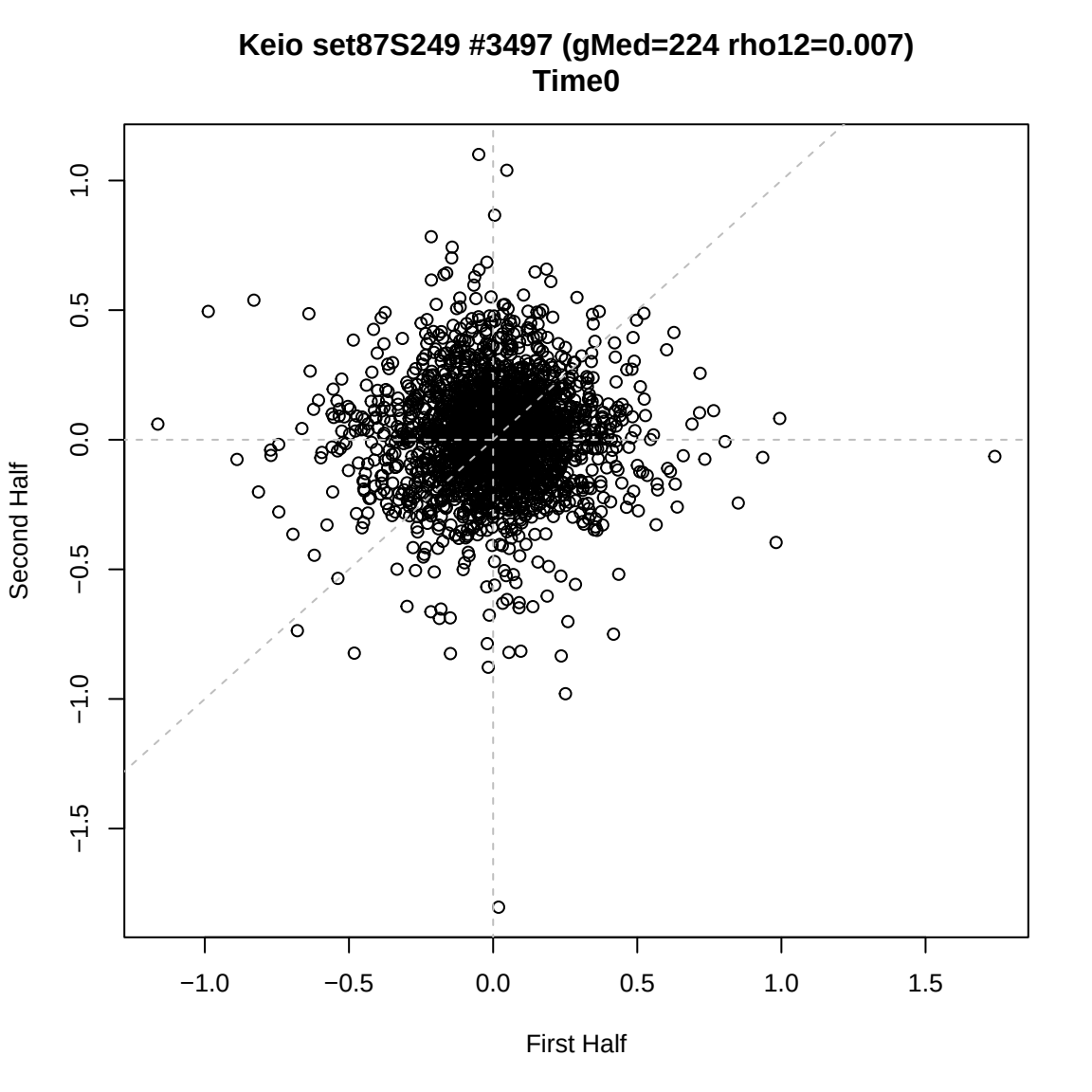

Keio set86S668 #3492 (gMed=0 rho12=0.411)
RfaG3H8
Second Half
First Half
15
10
5
0
0
5
10

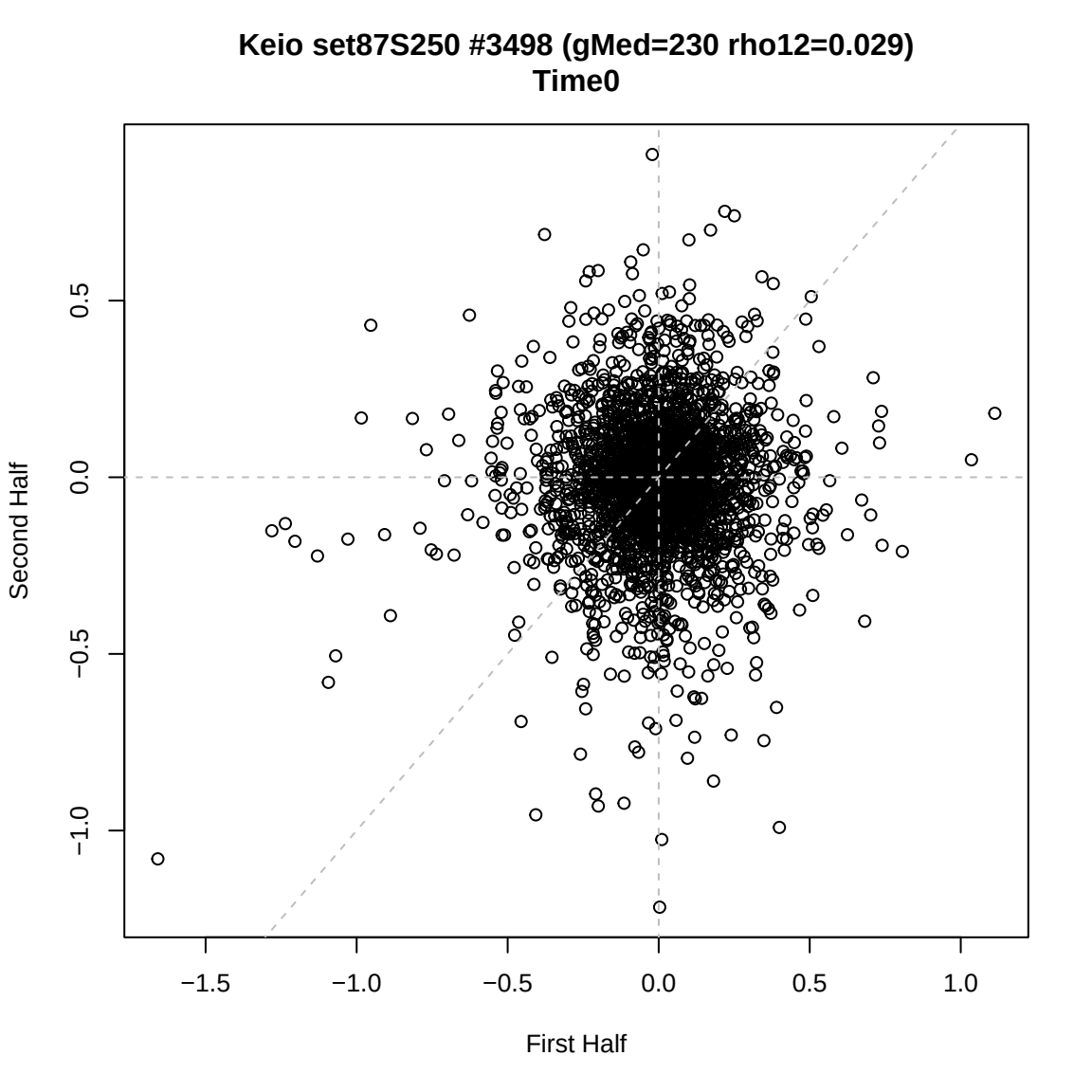

Keio set86S669 #3493 (gMed=0 rho12=0.413)
RfaG4H9
Second Half
First Half
10
5
0
−5
−2
0
2
4
6

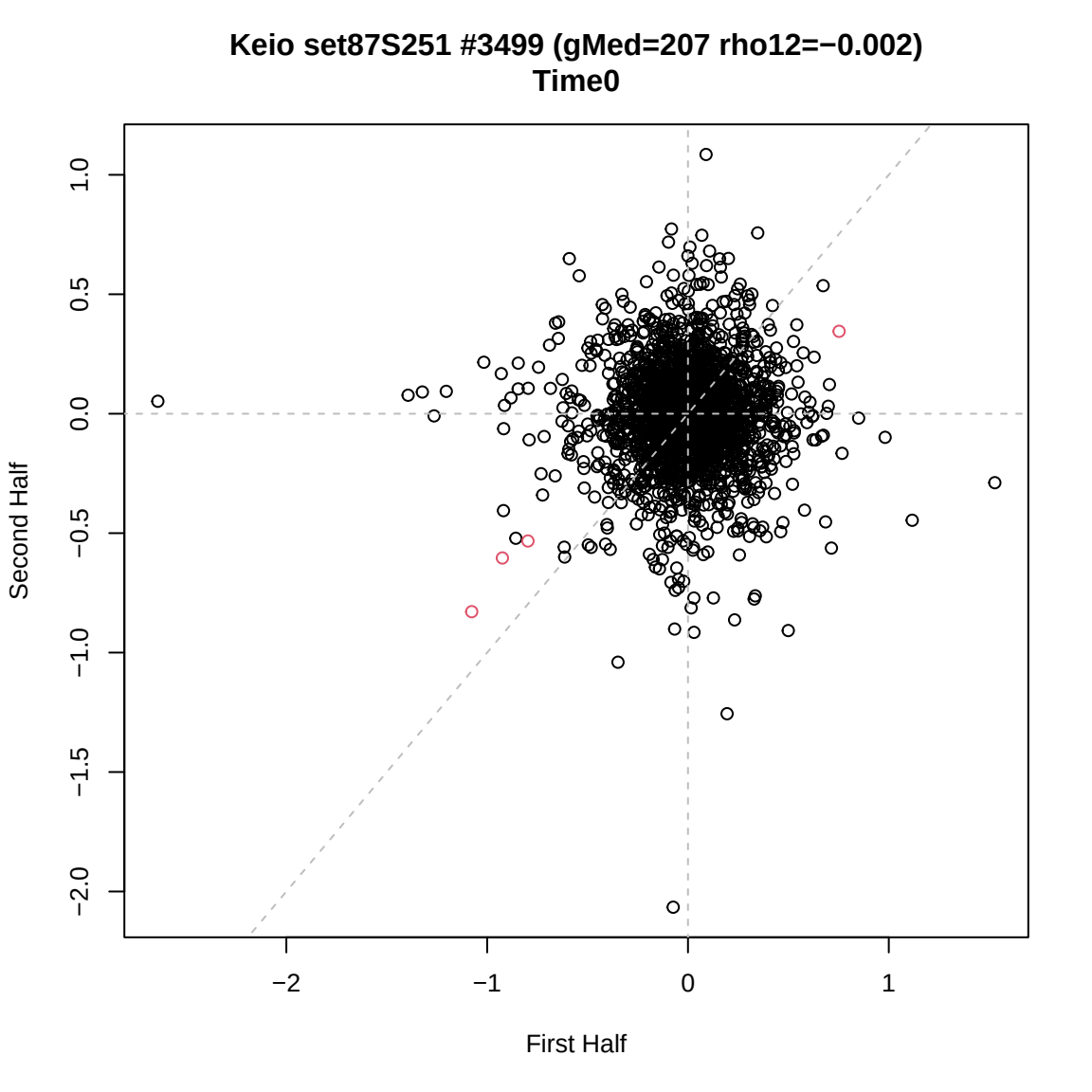

Keio set86S670 #3494 (gMed=0 rho12=0.426)
RfaG5H10
Second Half
First Half
15
10
5
0
−5
0
5
10

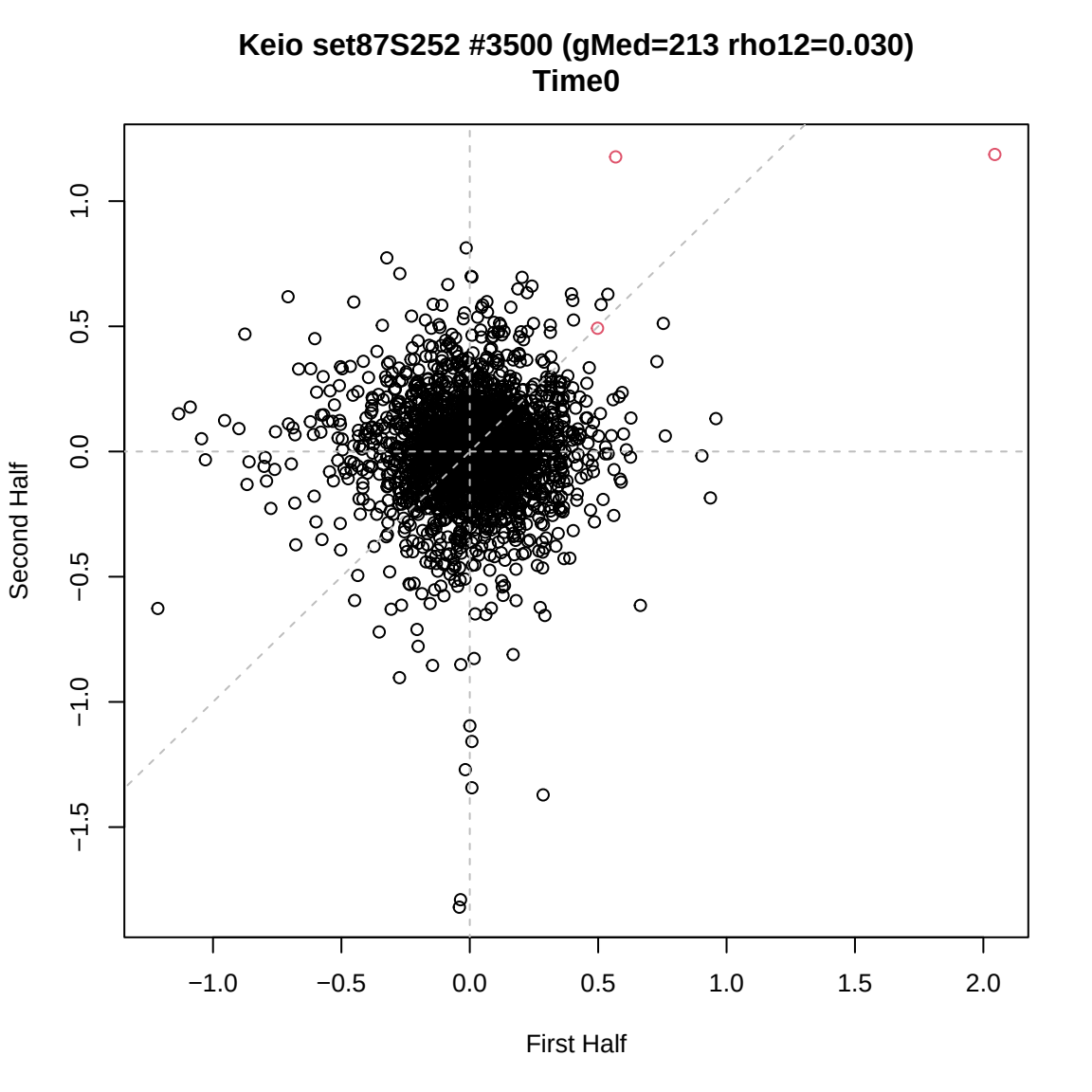

Keio set86S671 #3495 (gMed=0 rho12=0.438)
T7ogH11
Second Half
First Half
15
10
5
0
0
5
10

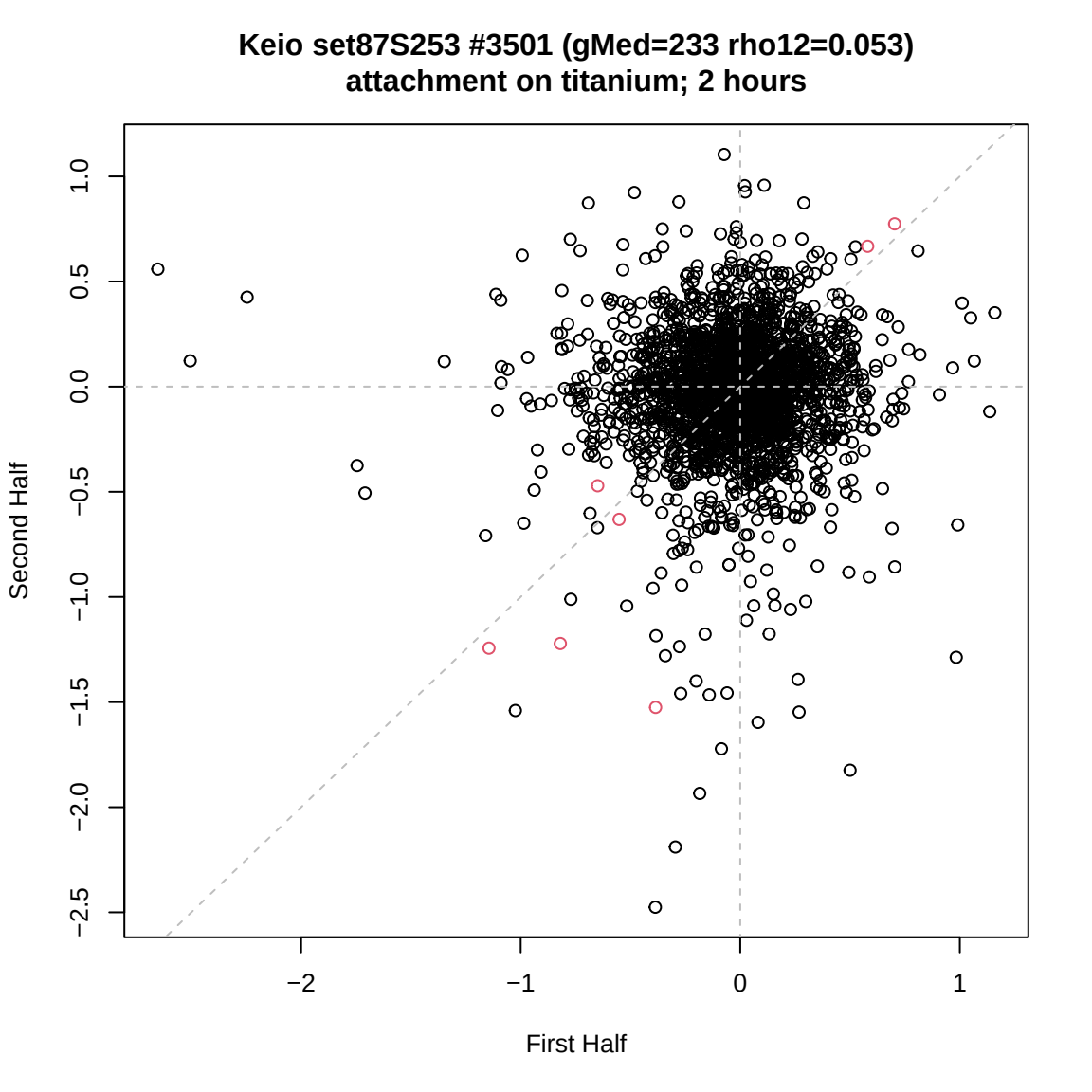

Keio set86S672 #3496 (gMed=287 rho12=0.089)
Time0
Second Half
First Half
1
0
−1
−2
−3
−4
−1.5
−1.0
−0.5
0.0
0.5
1.0

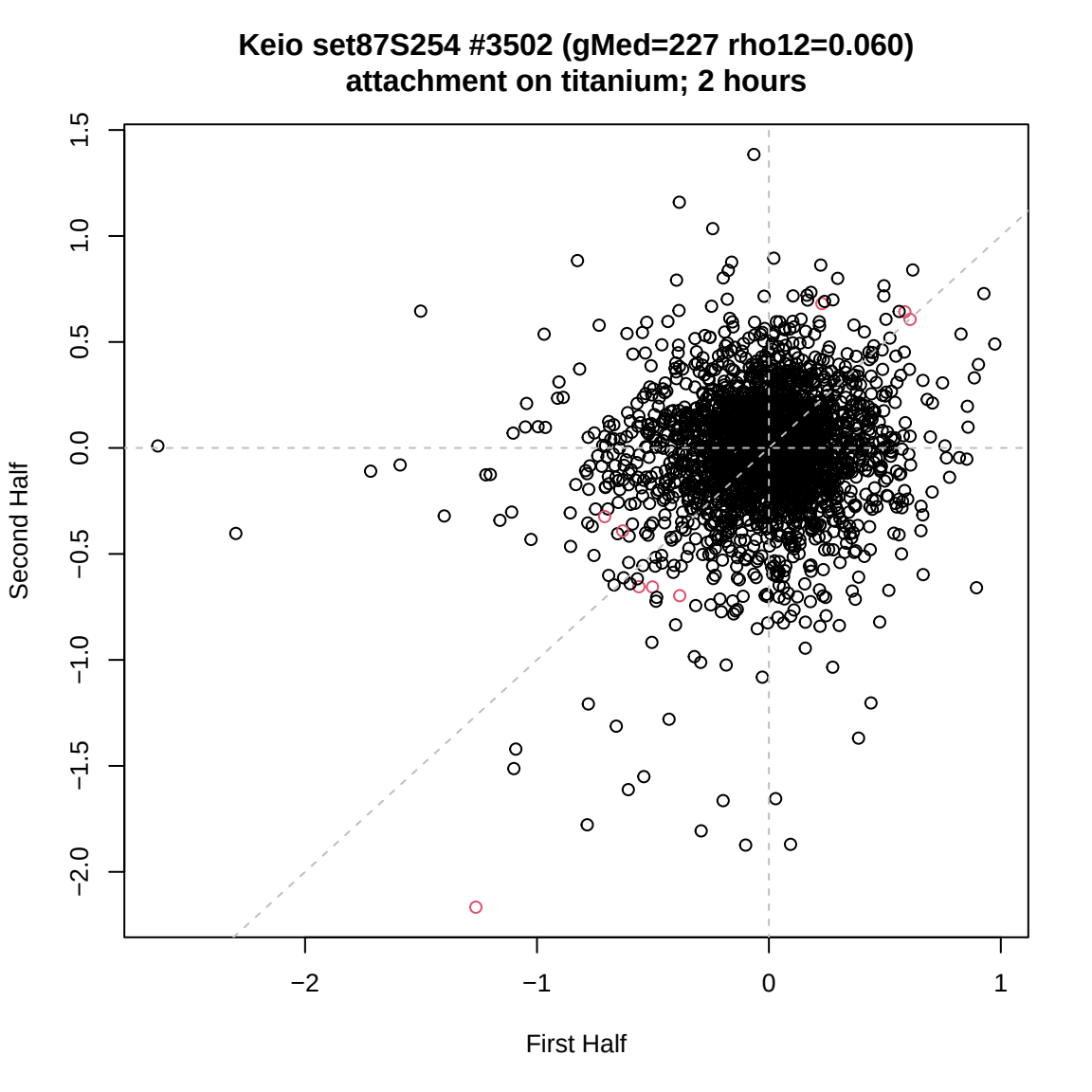

Keio set87S249 #3497 (gMed=224 rho12=0.007)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

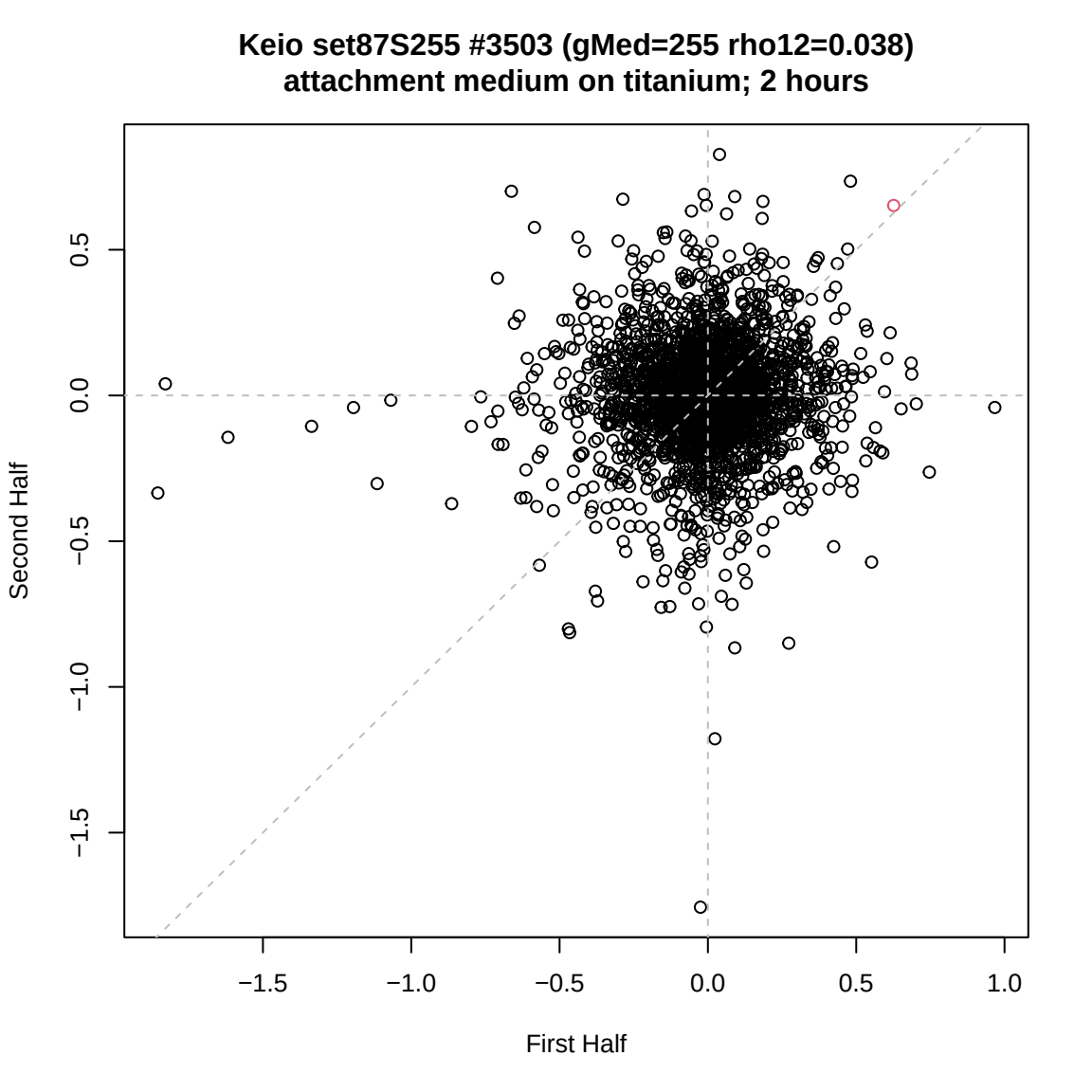

Keio set87S250 #3498 (gMed=230 rho12=0.029)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

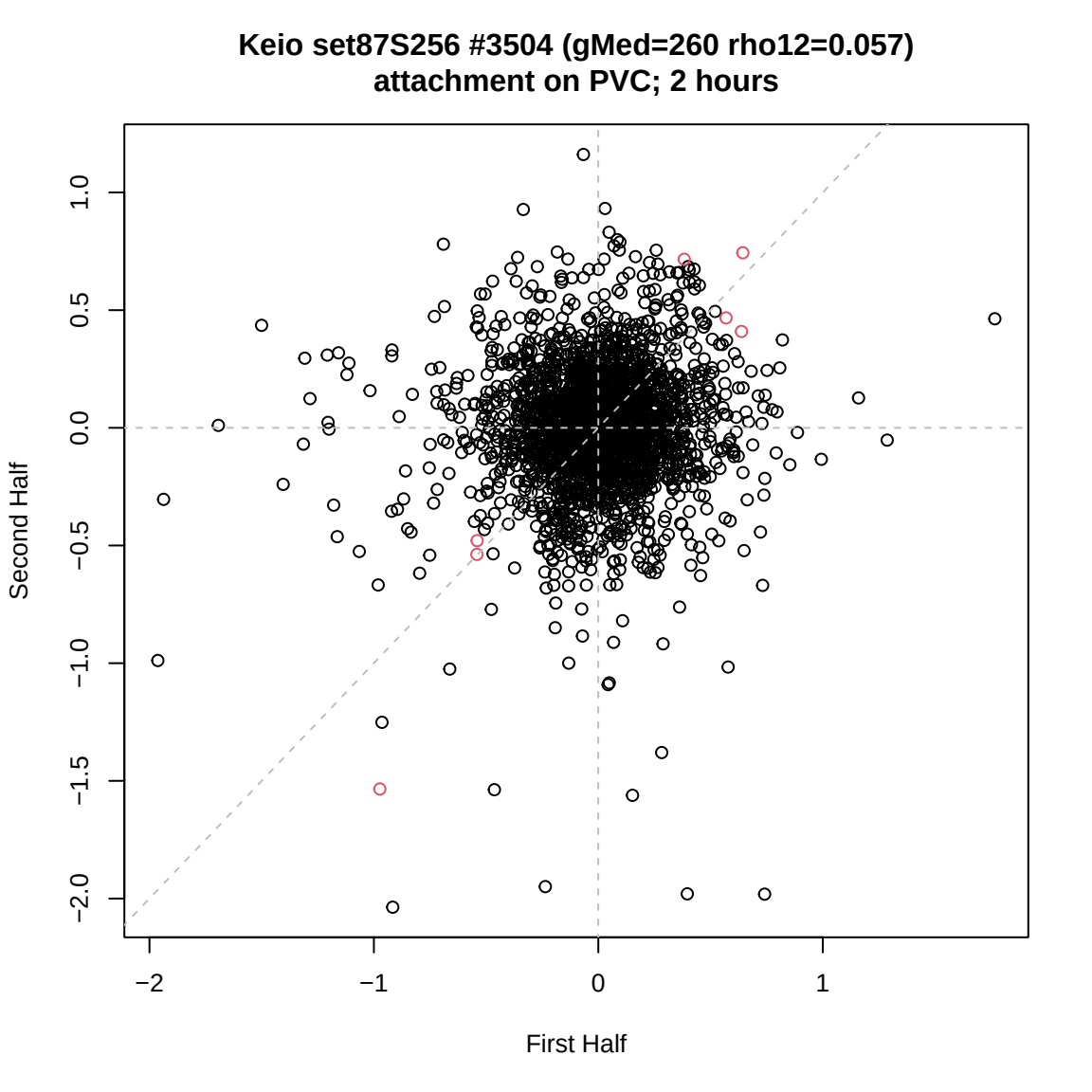

Keio set87S251 #3499 (gMed=207 rho12=−0.002)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

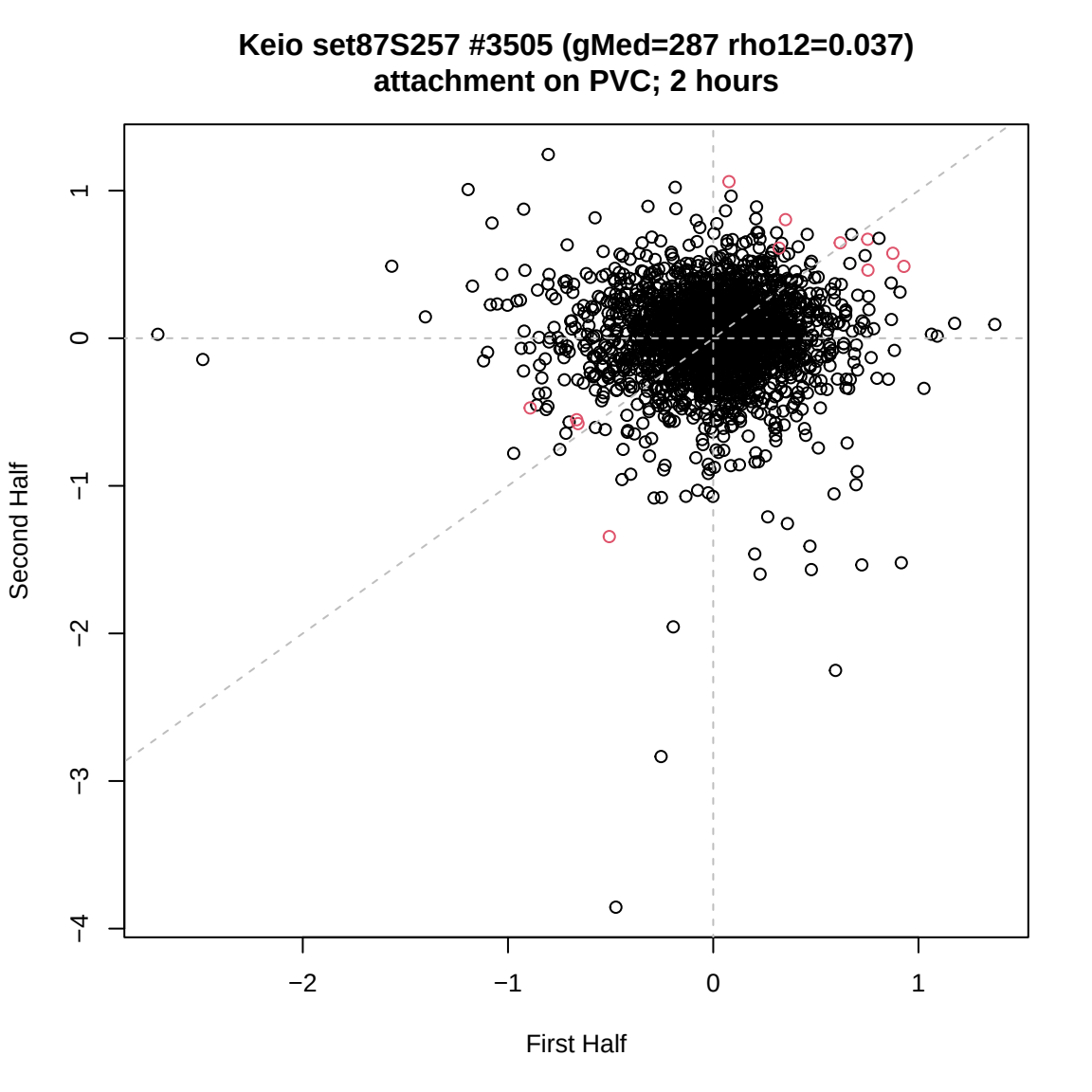

Keio set87S252 #3500 (gMed=213 rho12=0.030)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

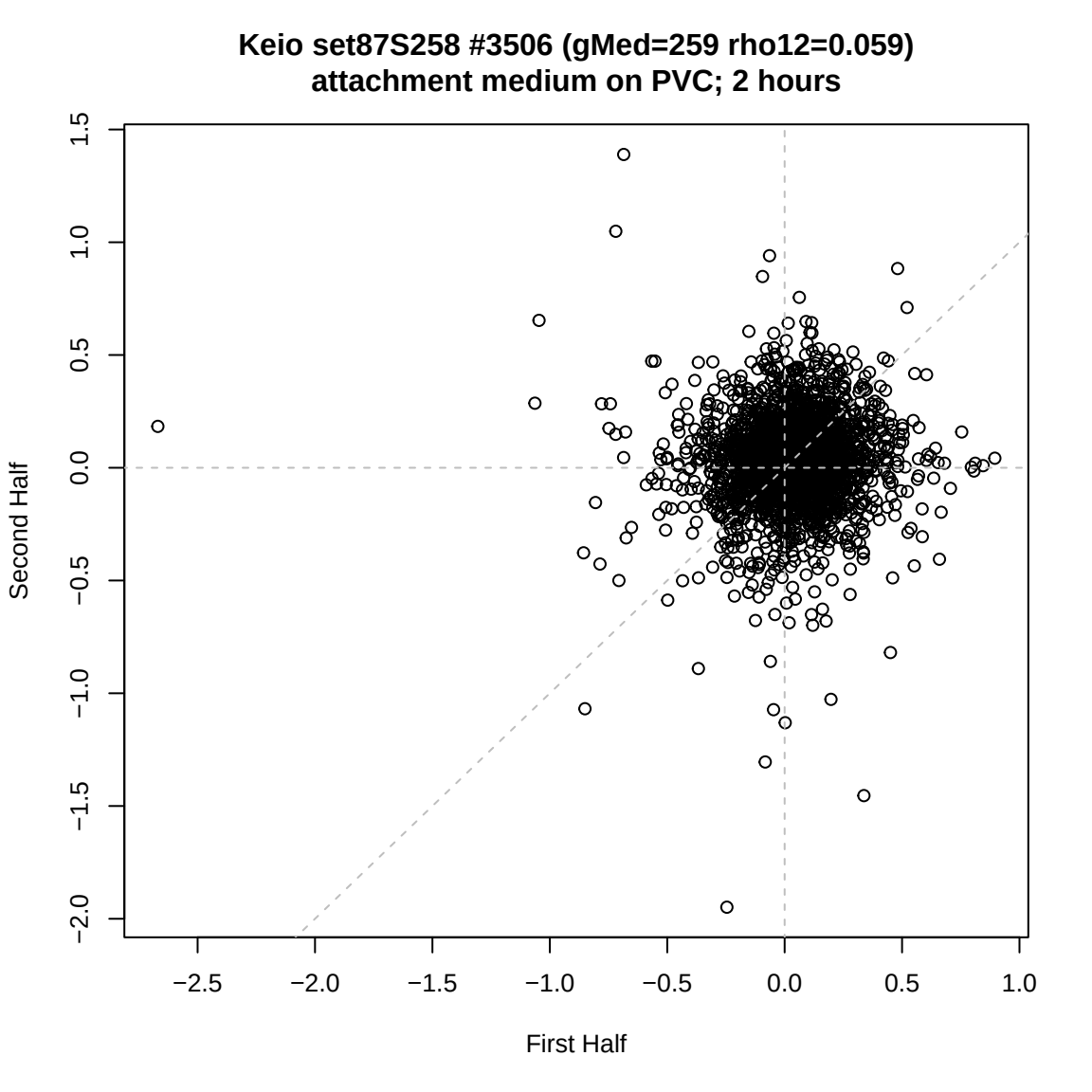

Keio set87S253 #3501 (gMed=233 rho12=0.053)
attachment on titanium; 2 hours
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2
−1
0
1

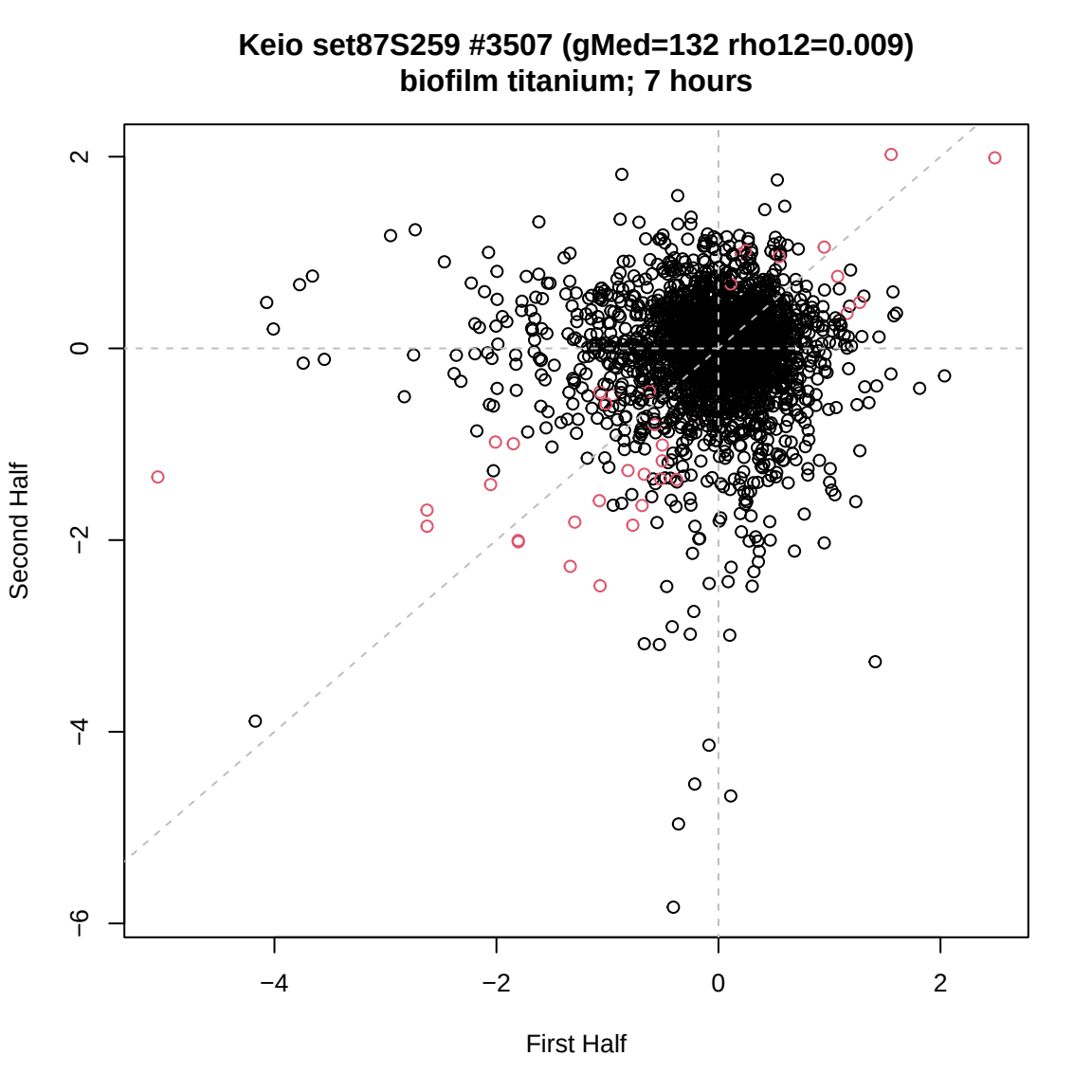

Keio set87S254 #3502 (gMed=227 rho12=0.060)
attachment on titanium; 2 hours
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

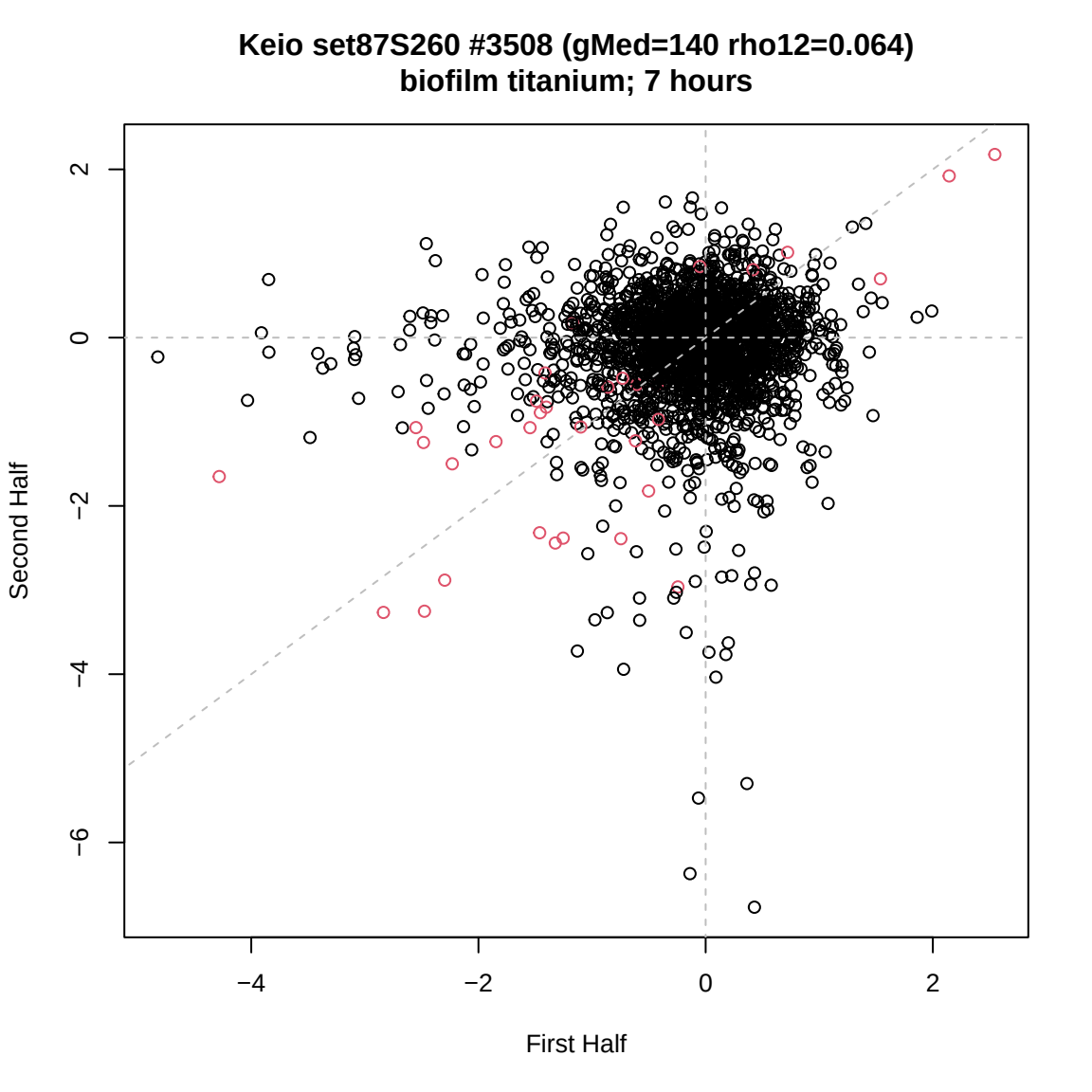

Keio set87S255 #3503 (gMed=255 rho12=0.038)
attachment medium on titanium; 2 hours
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

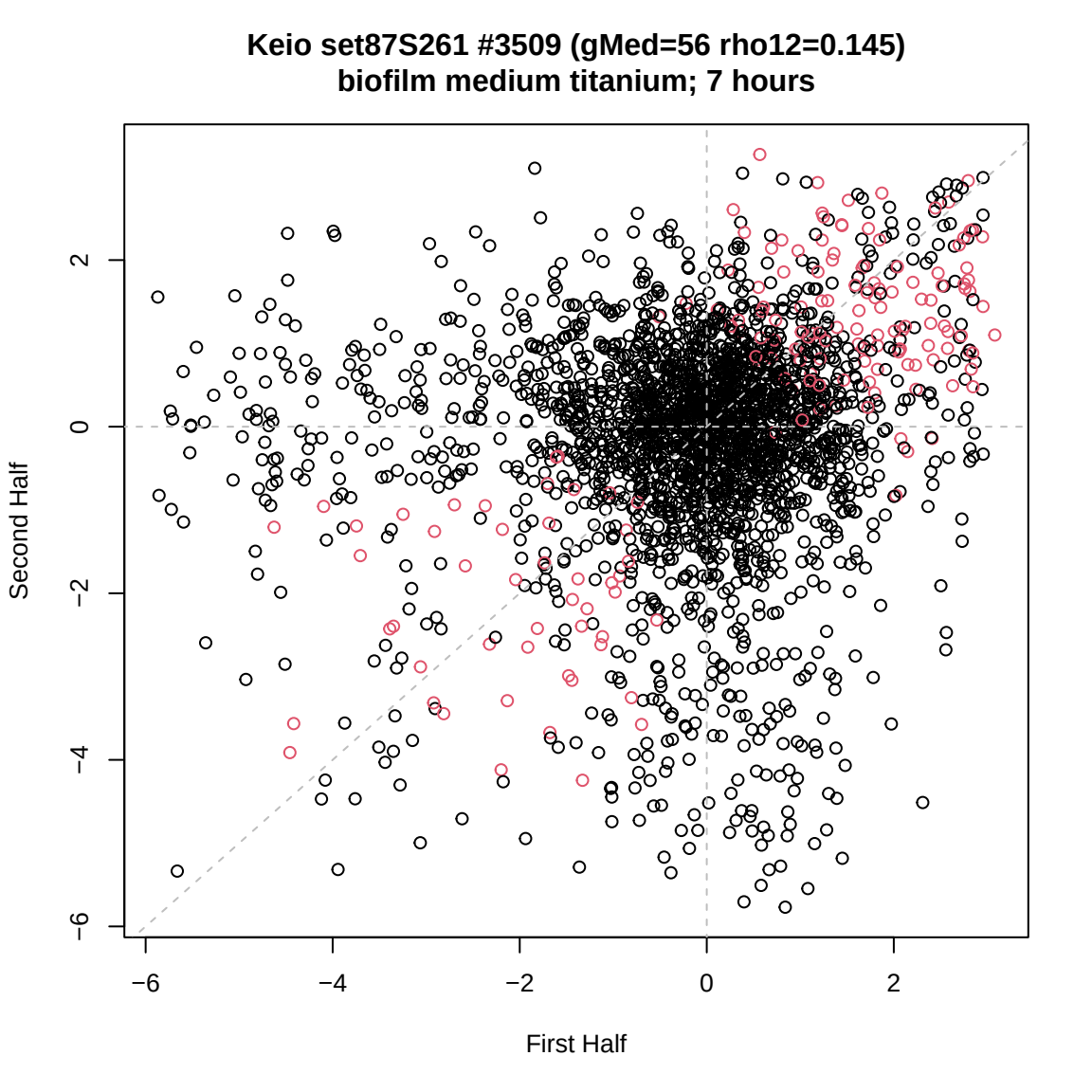

Keio set87S256 #3504 (gMed=260 rho12=0.057)
attachment on PVC; 2 hours
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

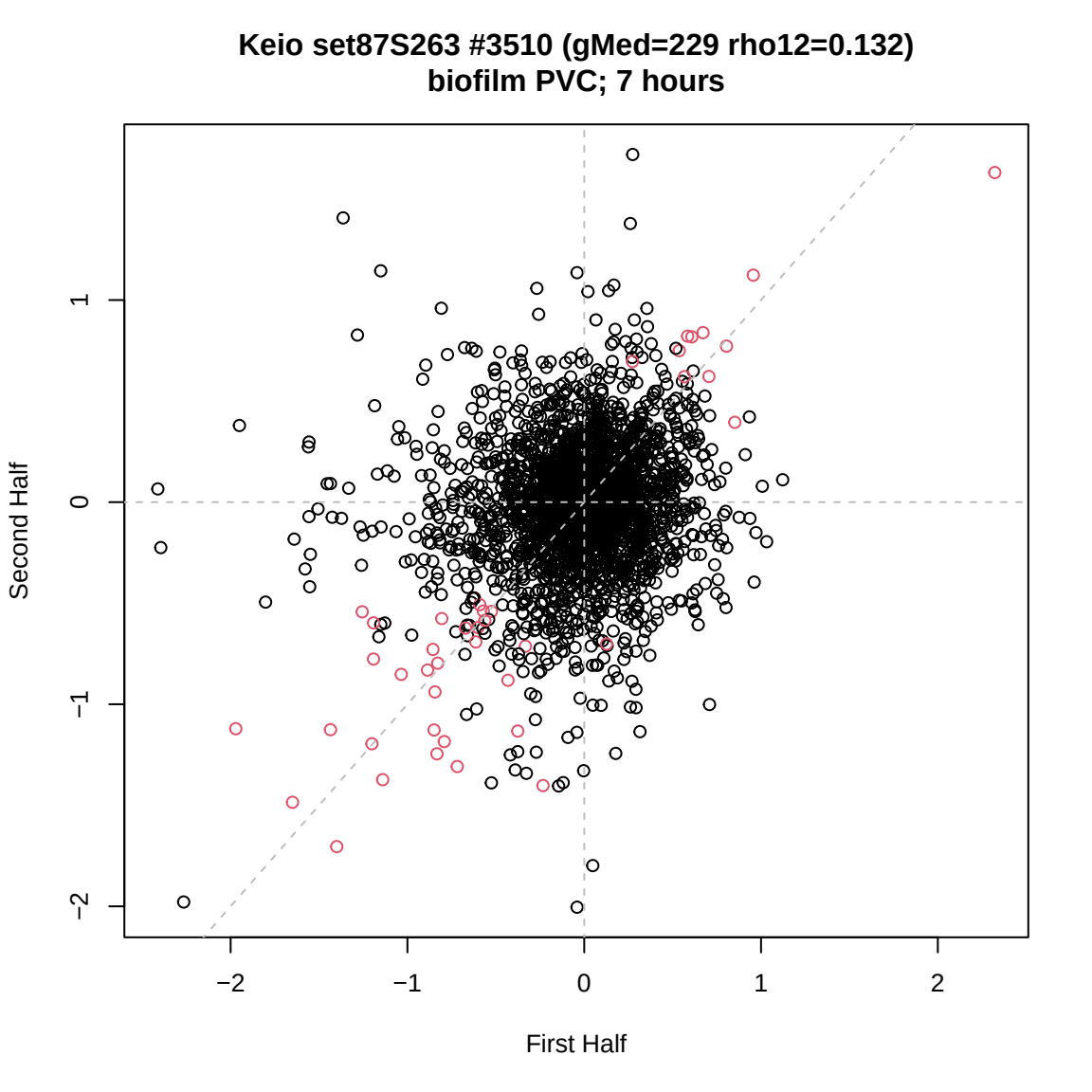

Keio set87S257 #3505 (gMed=287 rho12=0.037)
attachment on PVC; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−2
−1
0
1

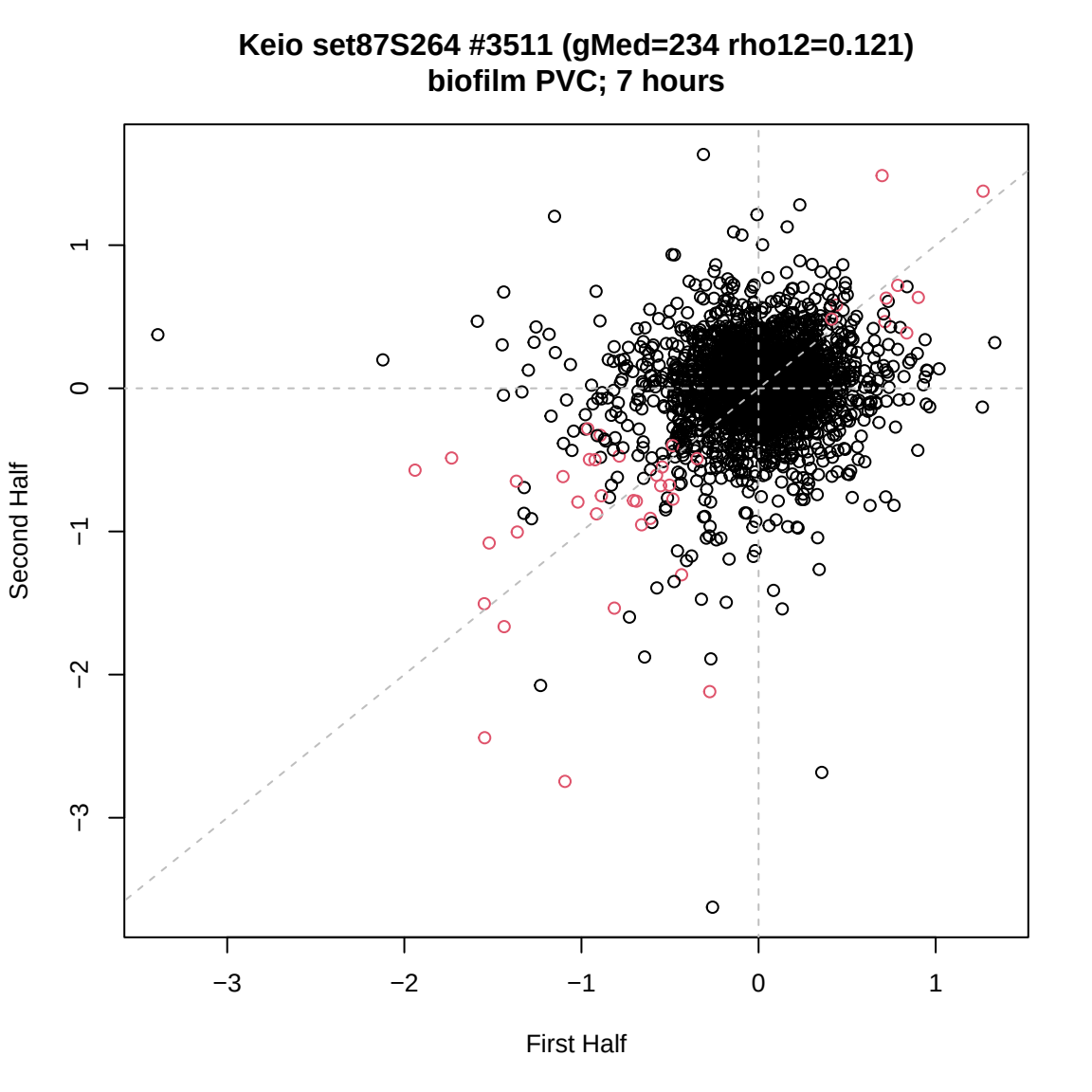

Keio set87S258 #3506 (gMed=259 rho12=0.059)
attachment medium on PVC; 2 hours
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

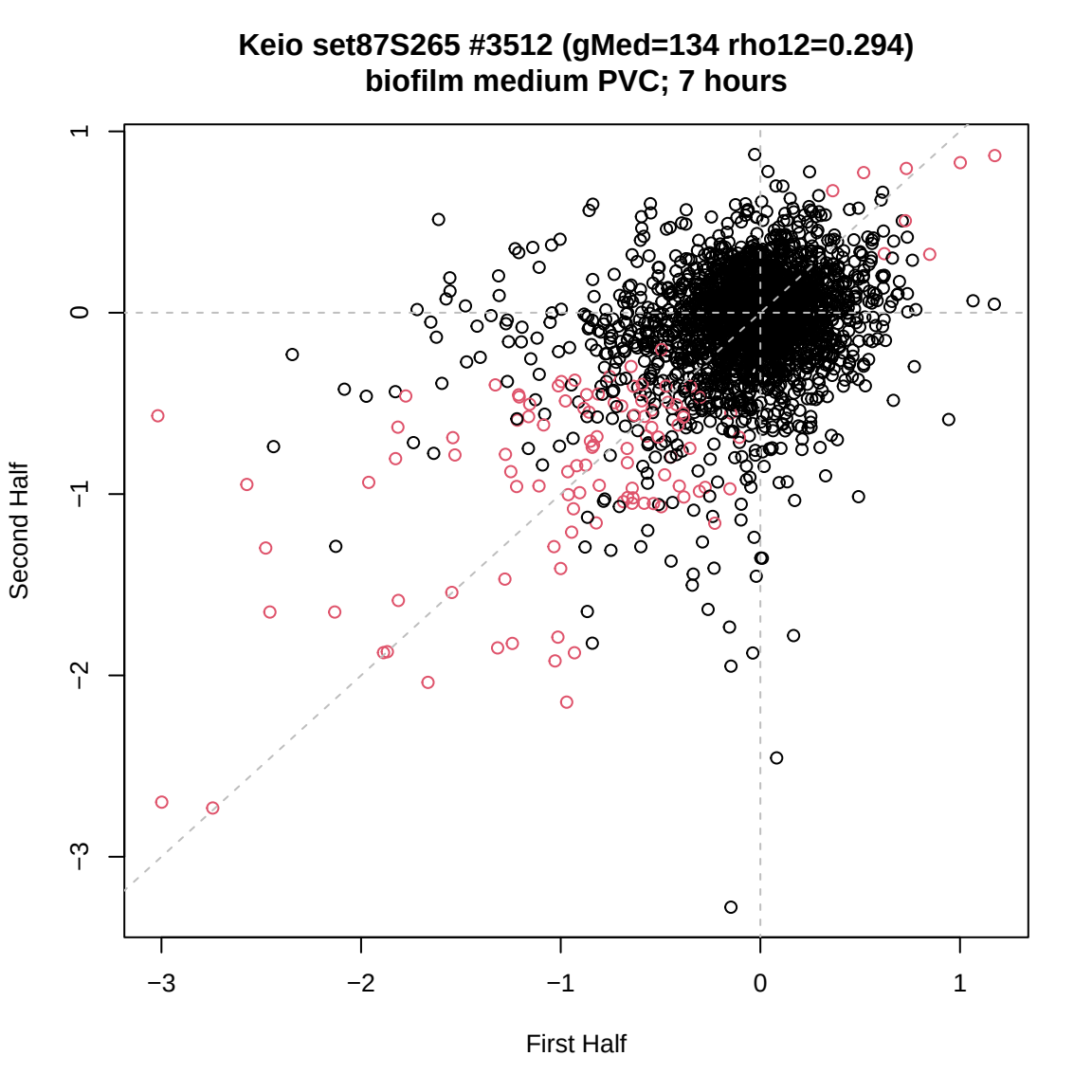

Keio set87S259 #3507 (gMed=132 rho12=0.009)
biofilm titanium; 7 hours
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

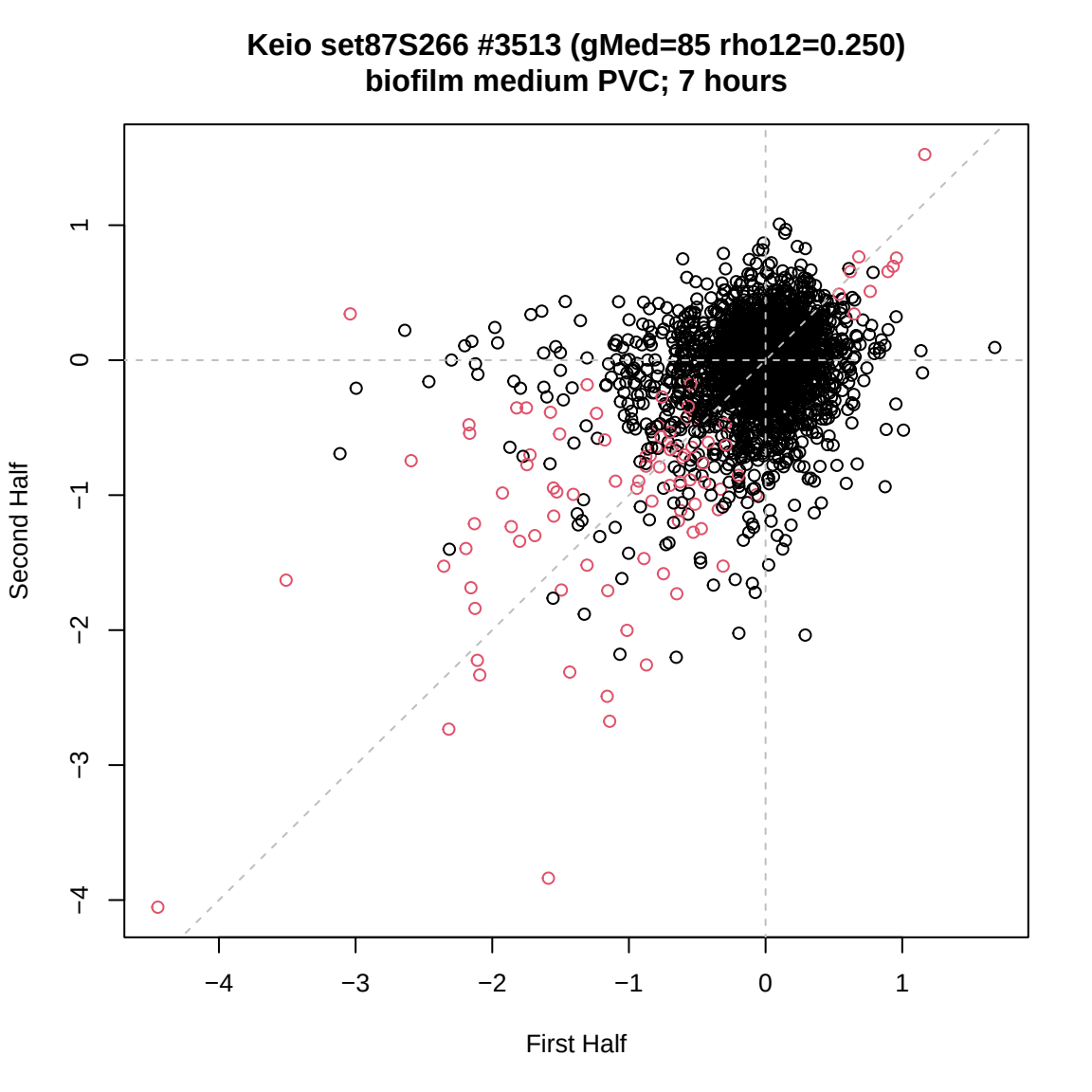

Keio set87S260 #3508 (gMed=140 rho12=0.064)
biofilm titanium; 7 hours
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

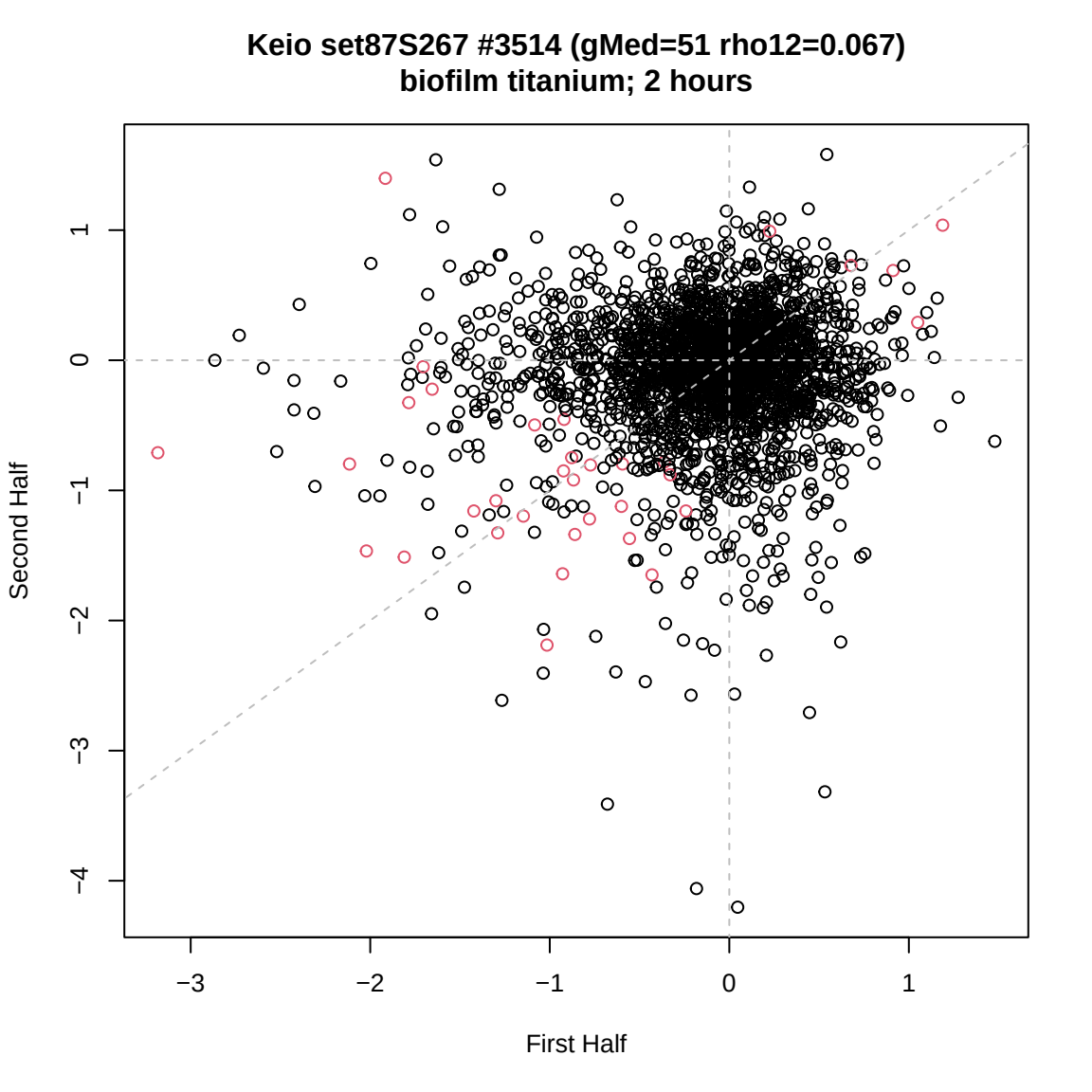

Keio set87S261 #3509 (gMed=56 rho12=0.145)
biofilm medium titanium; 7 hours
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

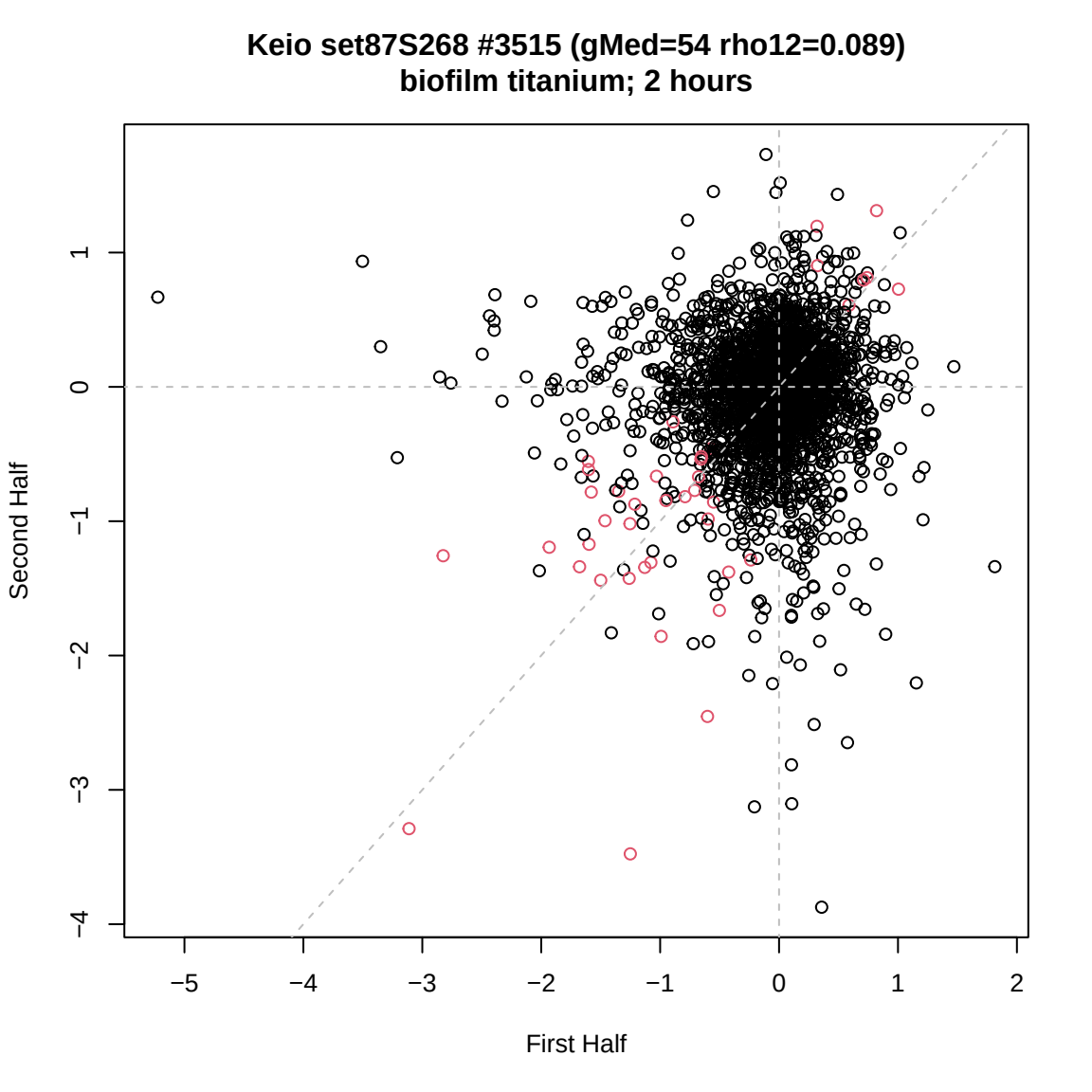

Keio set87S263 #3510 (gMed=229 rho12=0.132)
biofilm PVC; 7 hours
Second Half
First Half
−2
−1
0
1
2

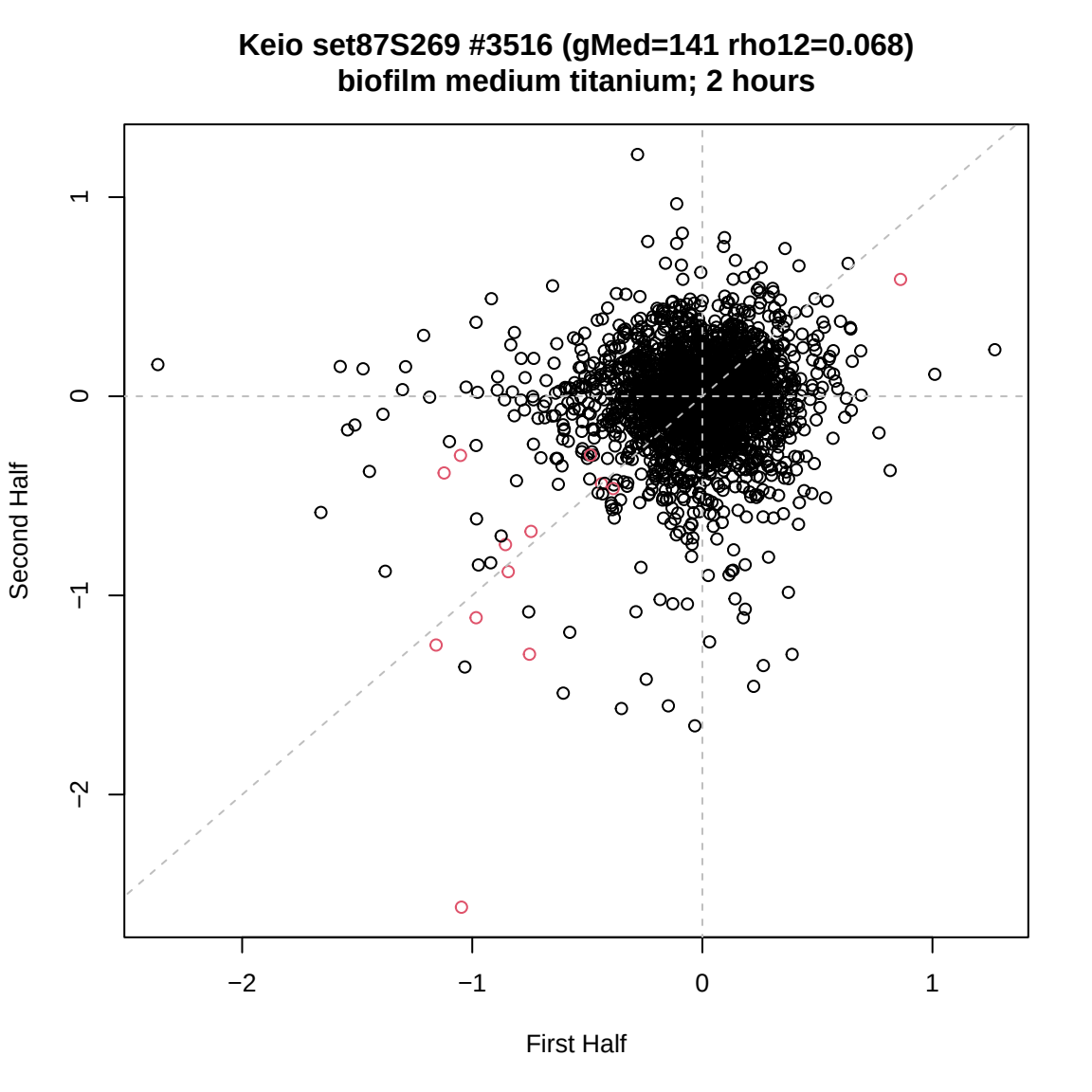

Keio set87S264 #3511 (gMed=234 rho12=0.121)
biofilm PVC; 7 hours
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

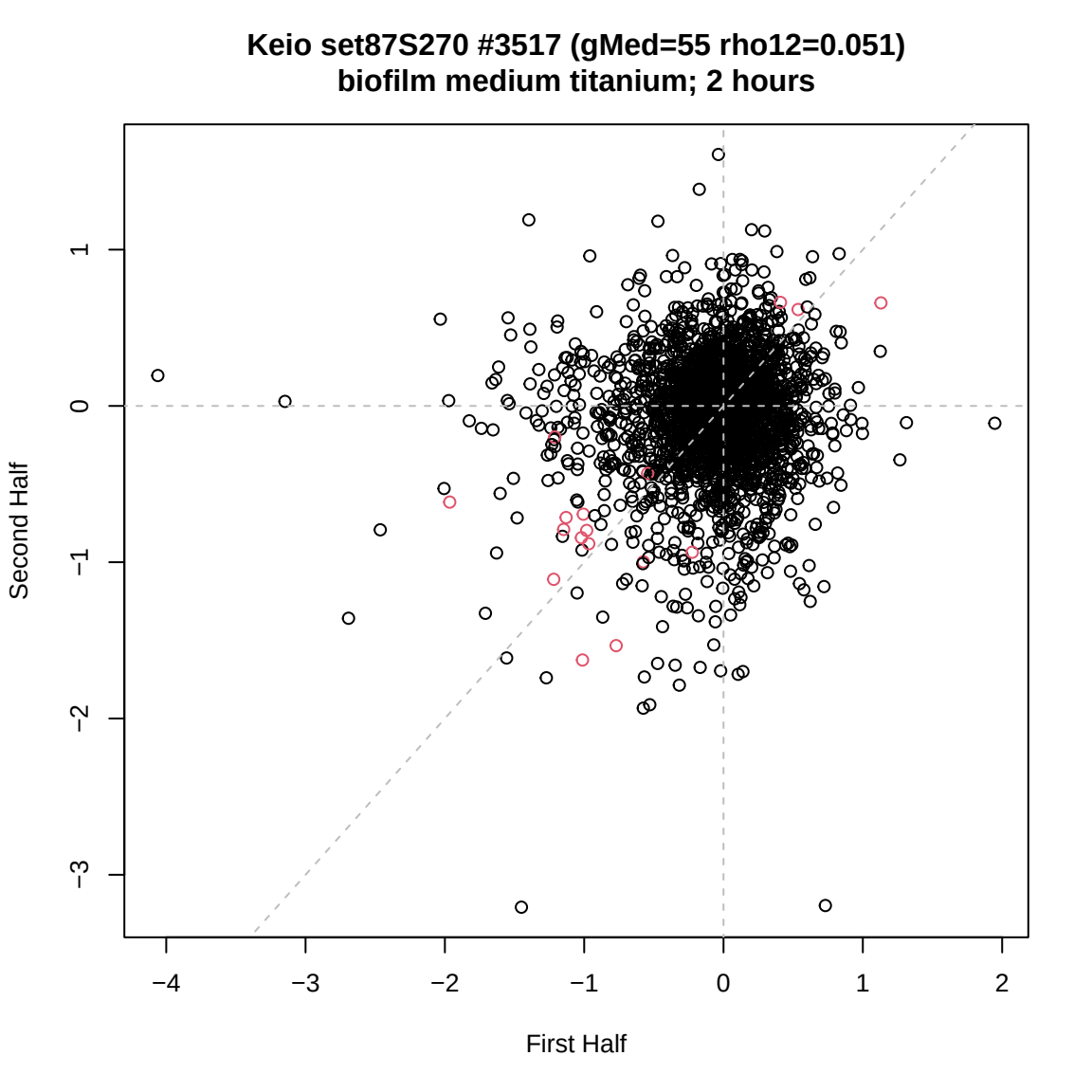

Keio set87S265 #3512 (gMed=134 rho12=0.294)
biofilm medium PVC; 7 hours
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

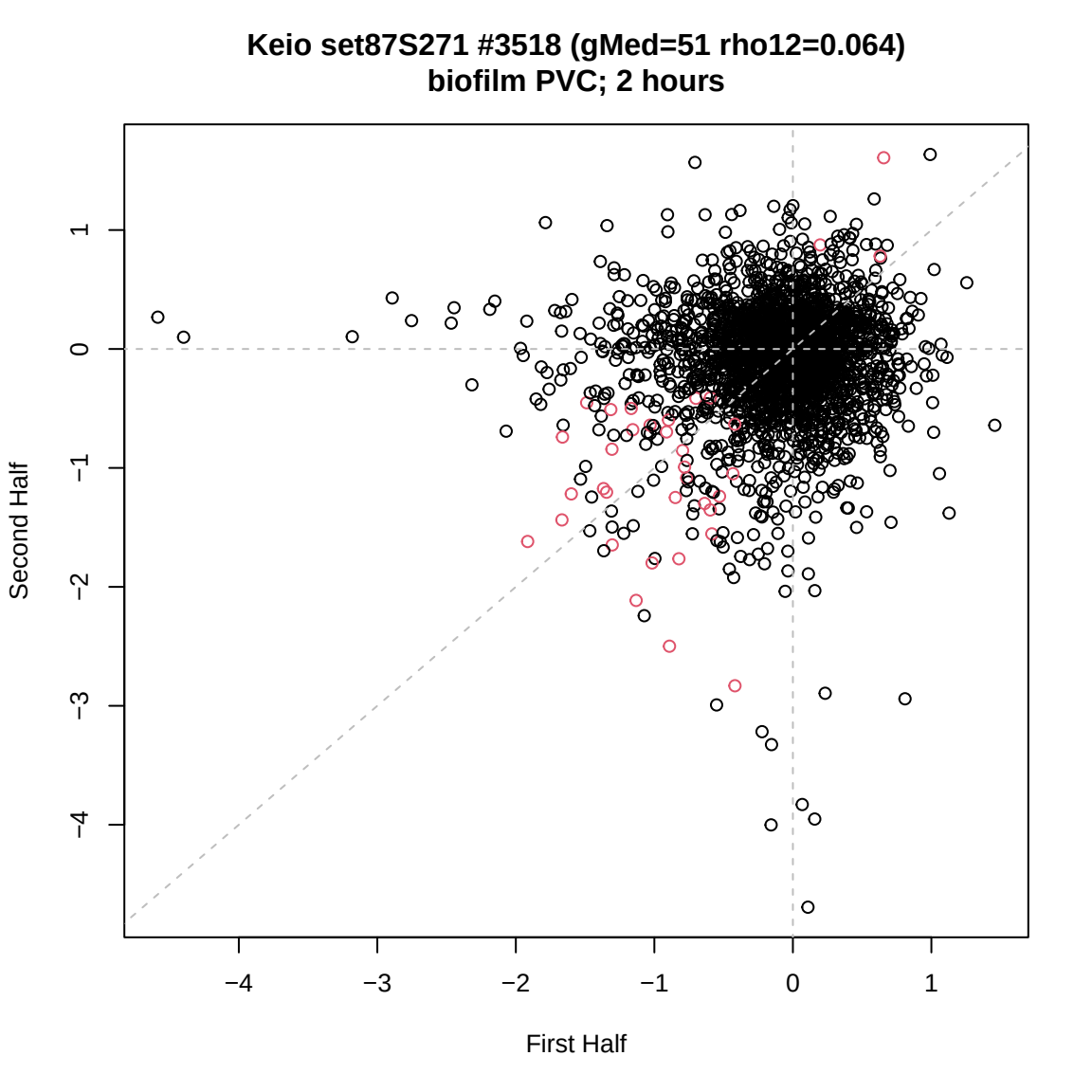

Keio set87S266 #3513 (gMed=85 rho12=0.250)
biofilm medium PVC; 7 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

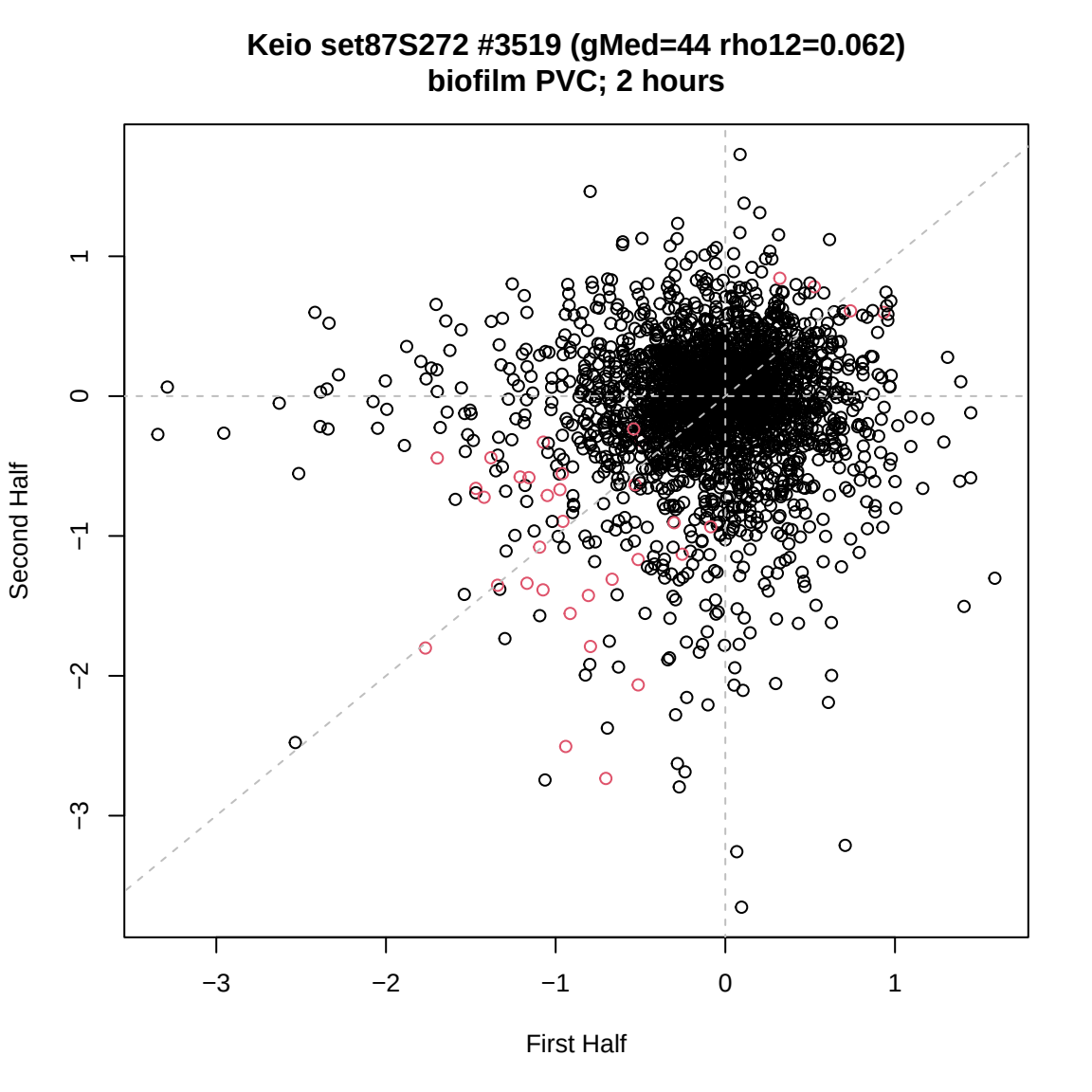

Keio set87S267 #3514 (gMed=51 rho12=0.067)
biofilm titanium; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

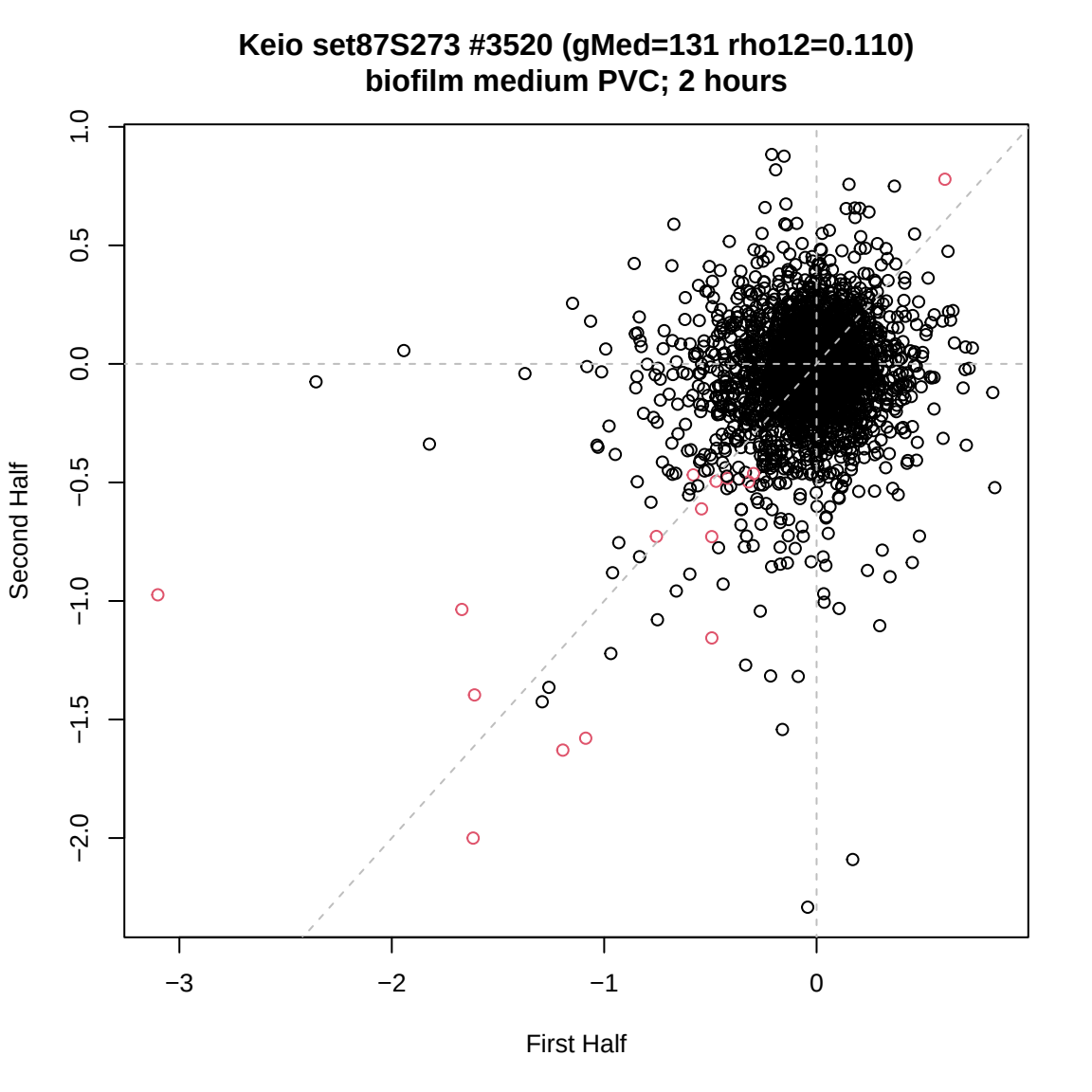

Keio set87S268 #3515 (gMed=54 rho12=0.089)
biofilm titanium; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1
2

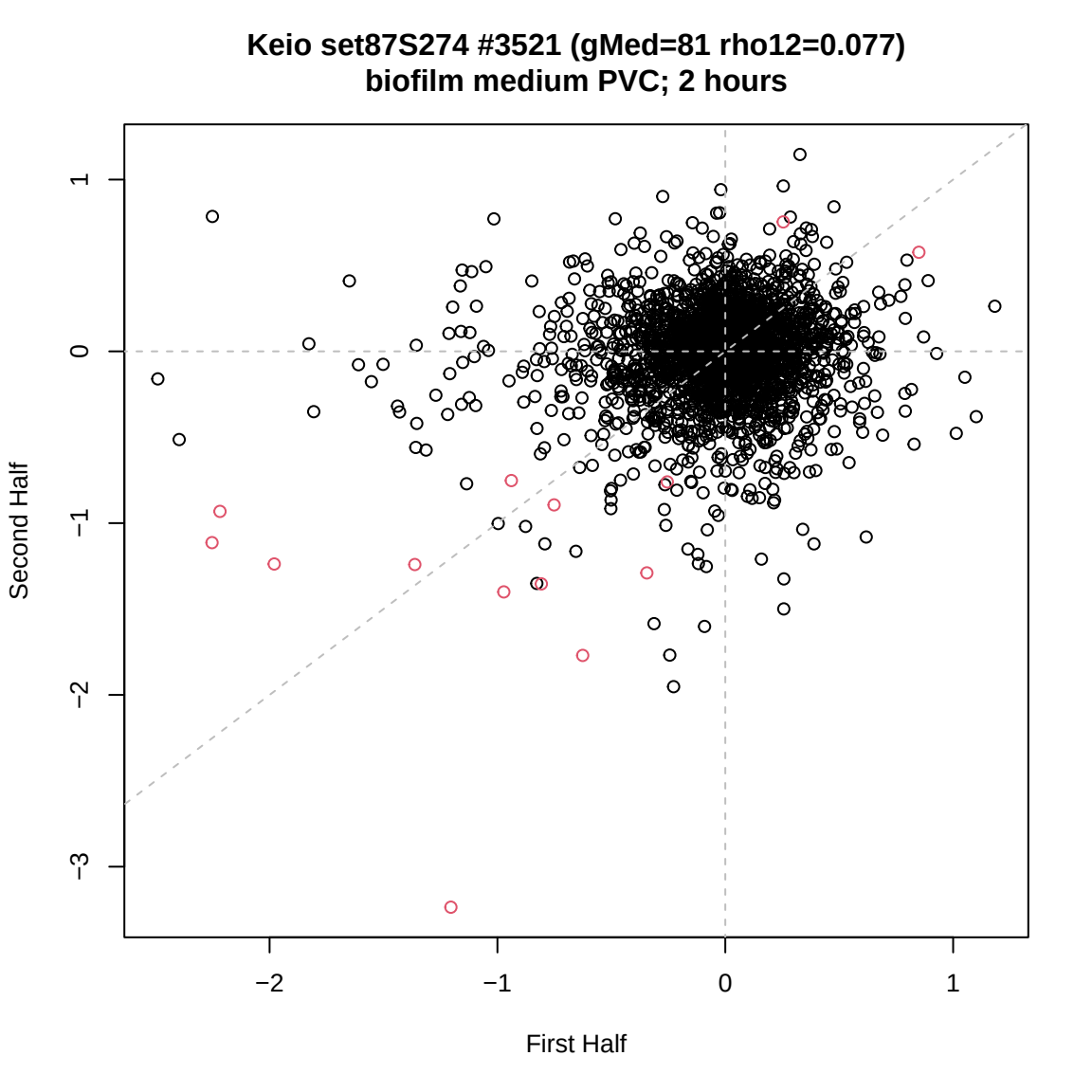

Keio set87S269 #3516 (gMed=141 rho12=0.068)
biofilm medium titanium; 2 hours
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

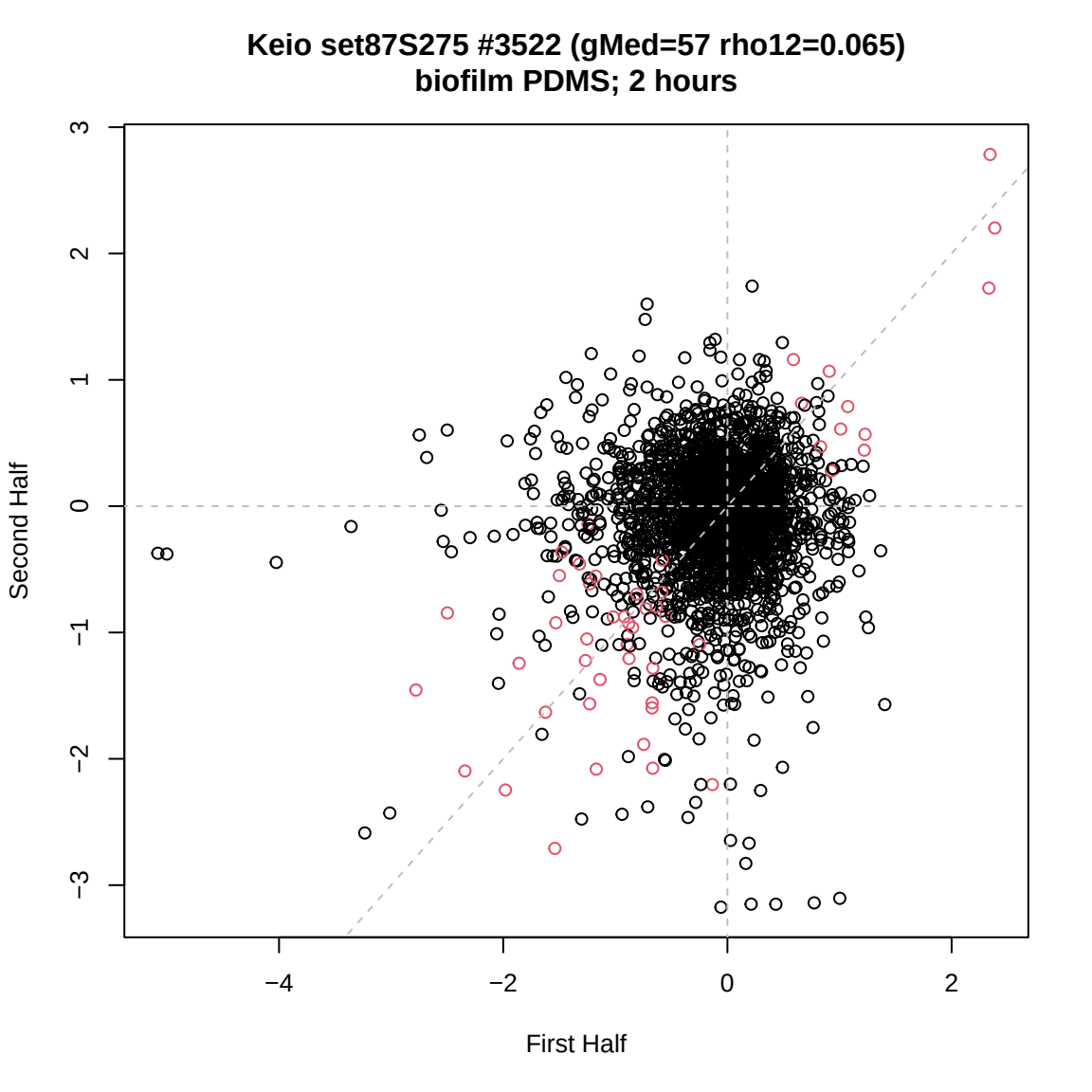

Keio set87S270 #3517 (gMed=55 rho12=0.051)
biofilm medium titanium; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2

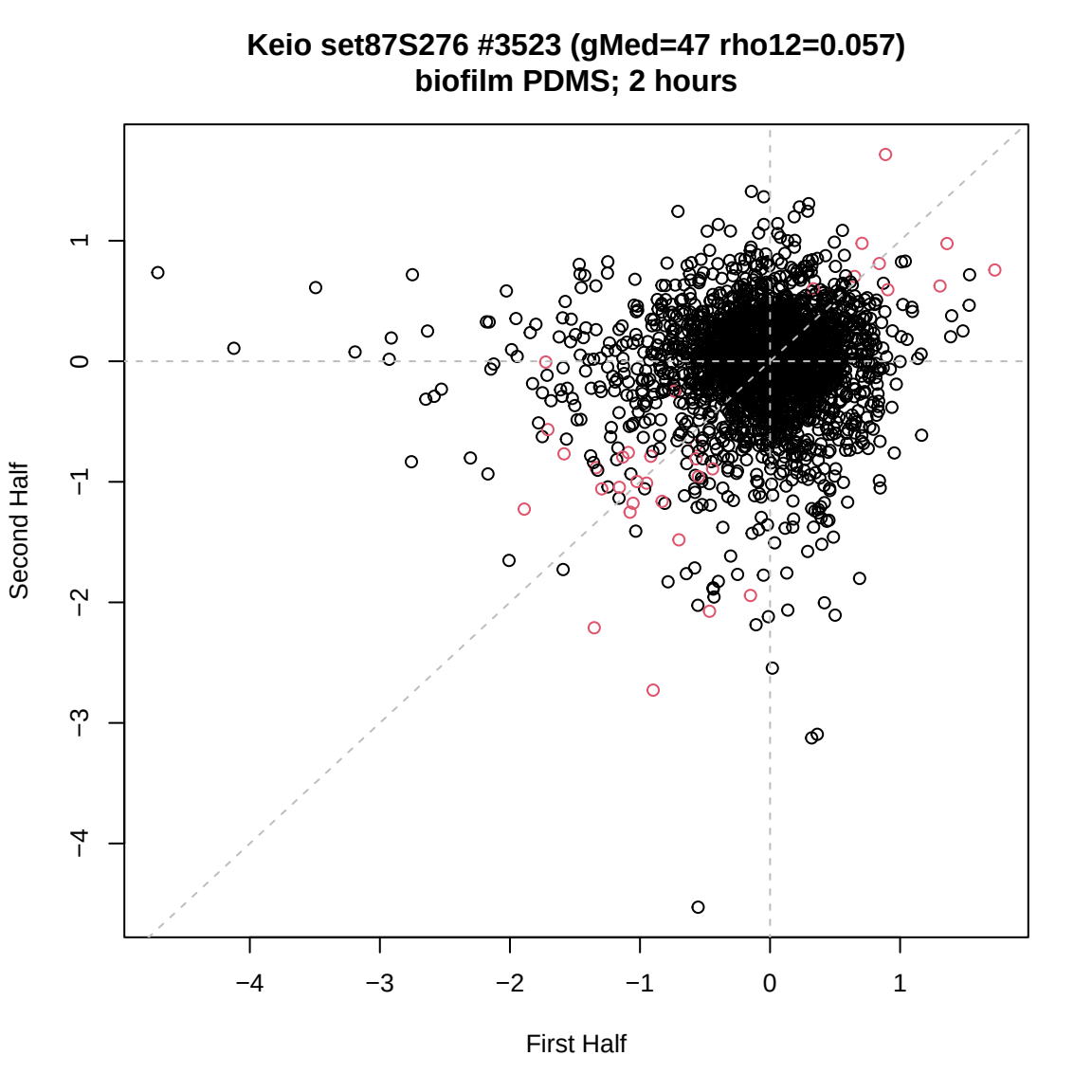

Keio set87S271 #3518 (gMed=51 rho12=0.064)
biofilm PVC; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

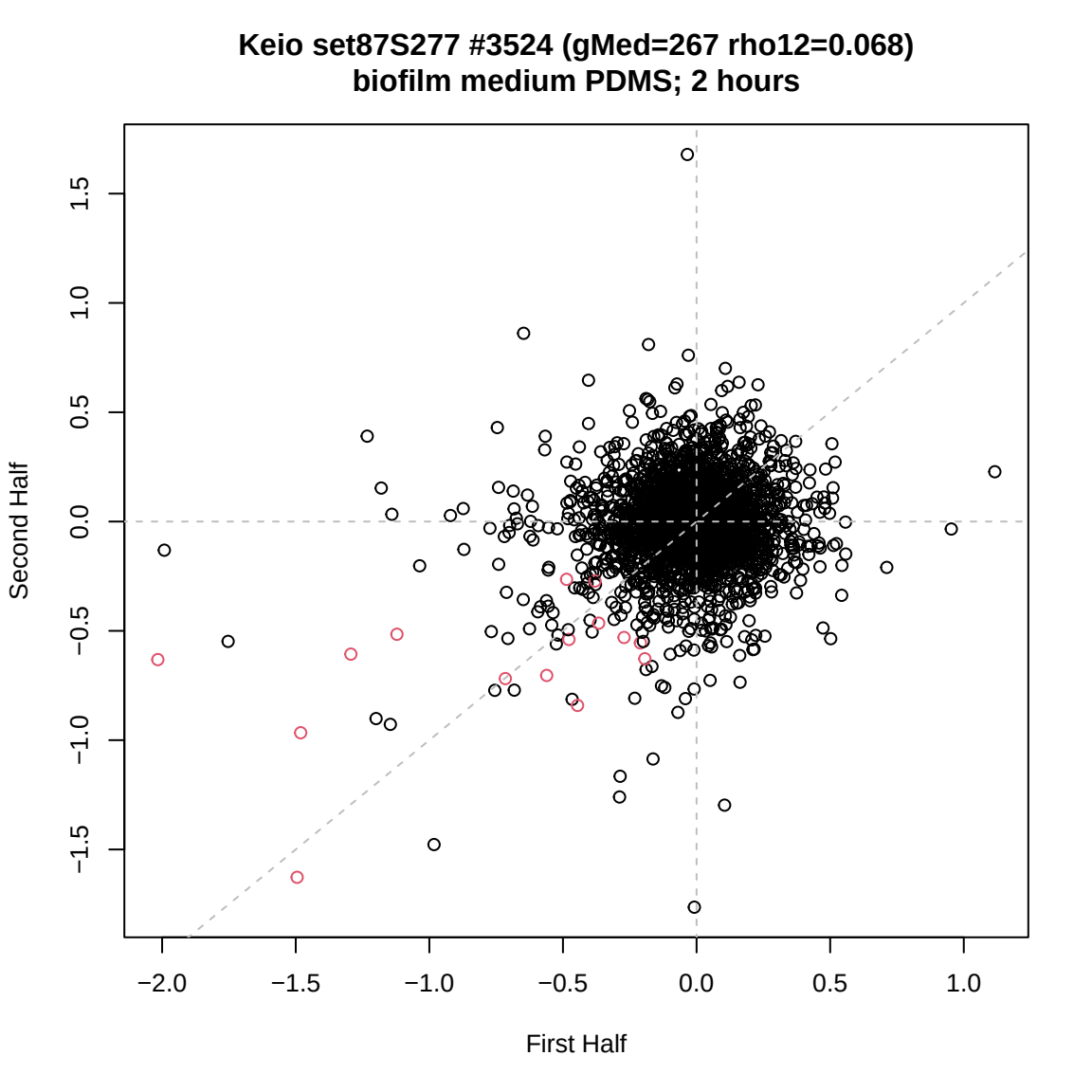

Keio set87S272 #3519 (gMed=44 rho12=0.062)
biofilm PVC; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

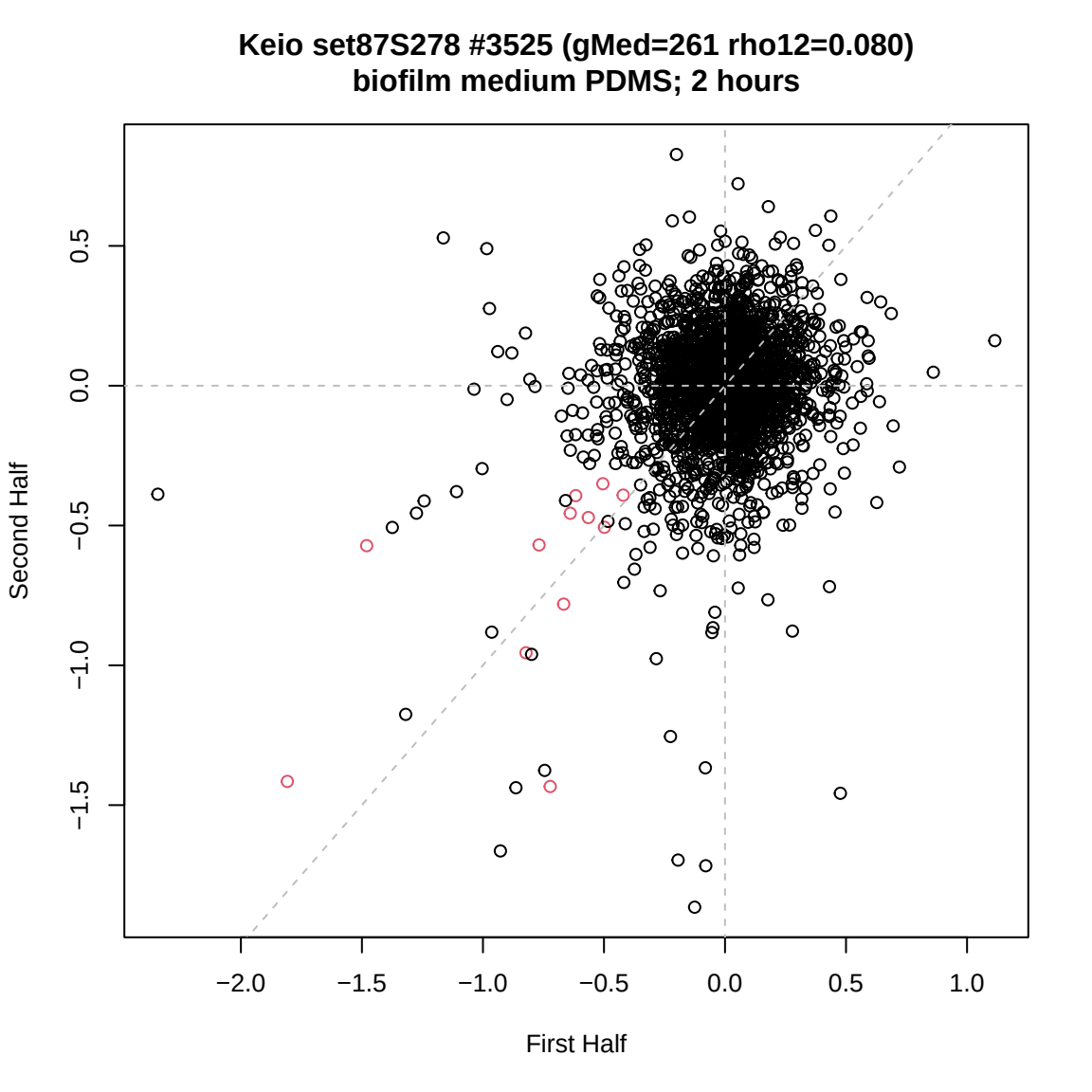

Keio set87S273 #3520 (gMed=131 rho12=0.110)
biofilm medium PVC; 2 hours
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0

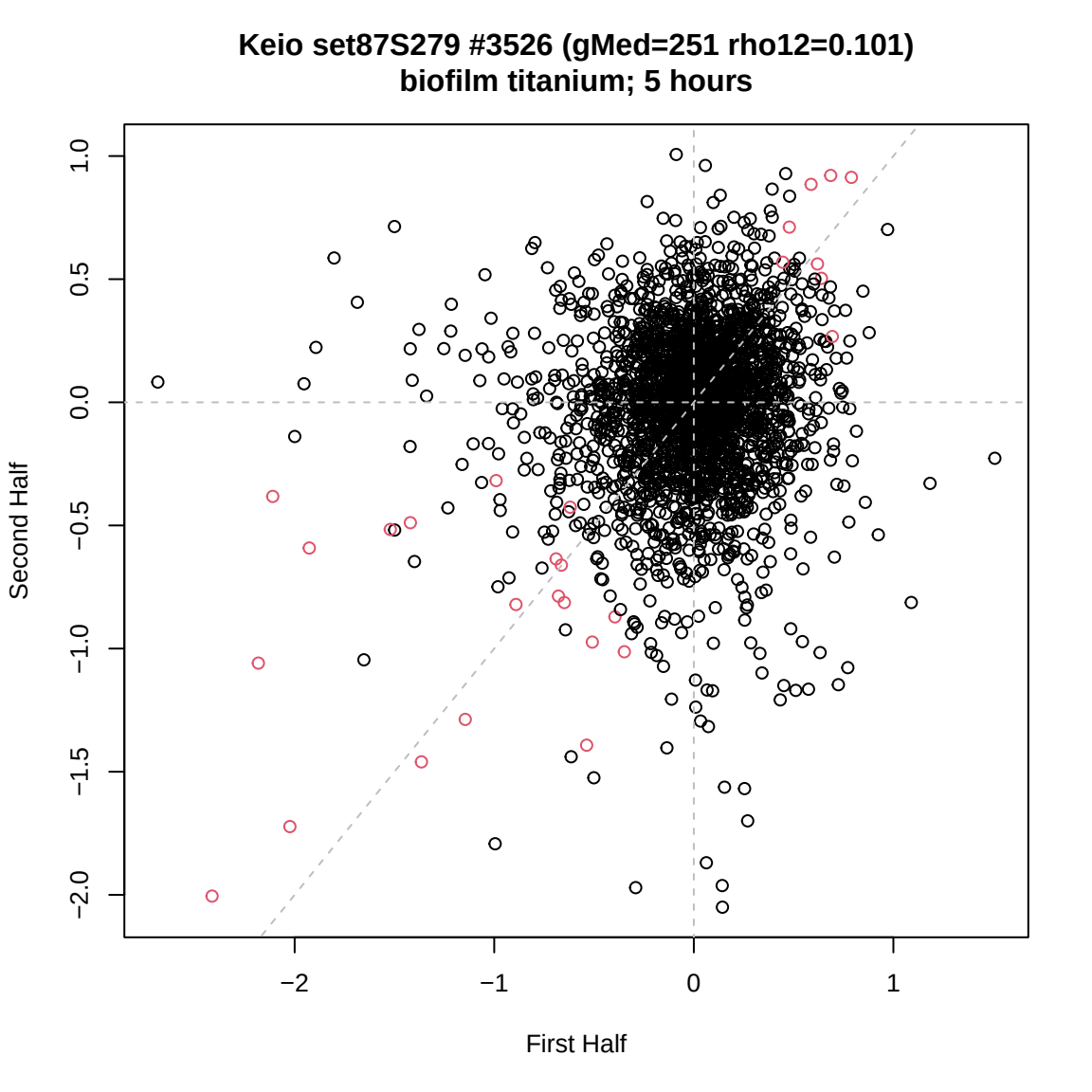

Keio set87S274 #3521 (gMed=81 rho12=0.077)
biofilm medium PVC; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

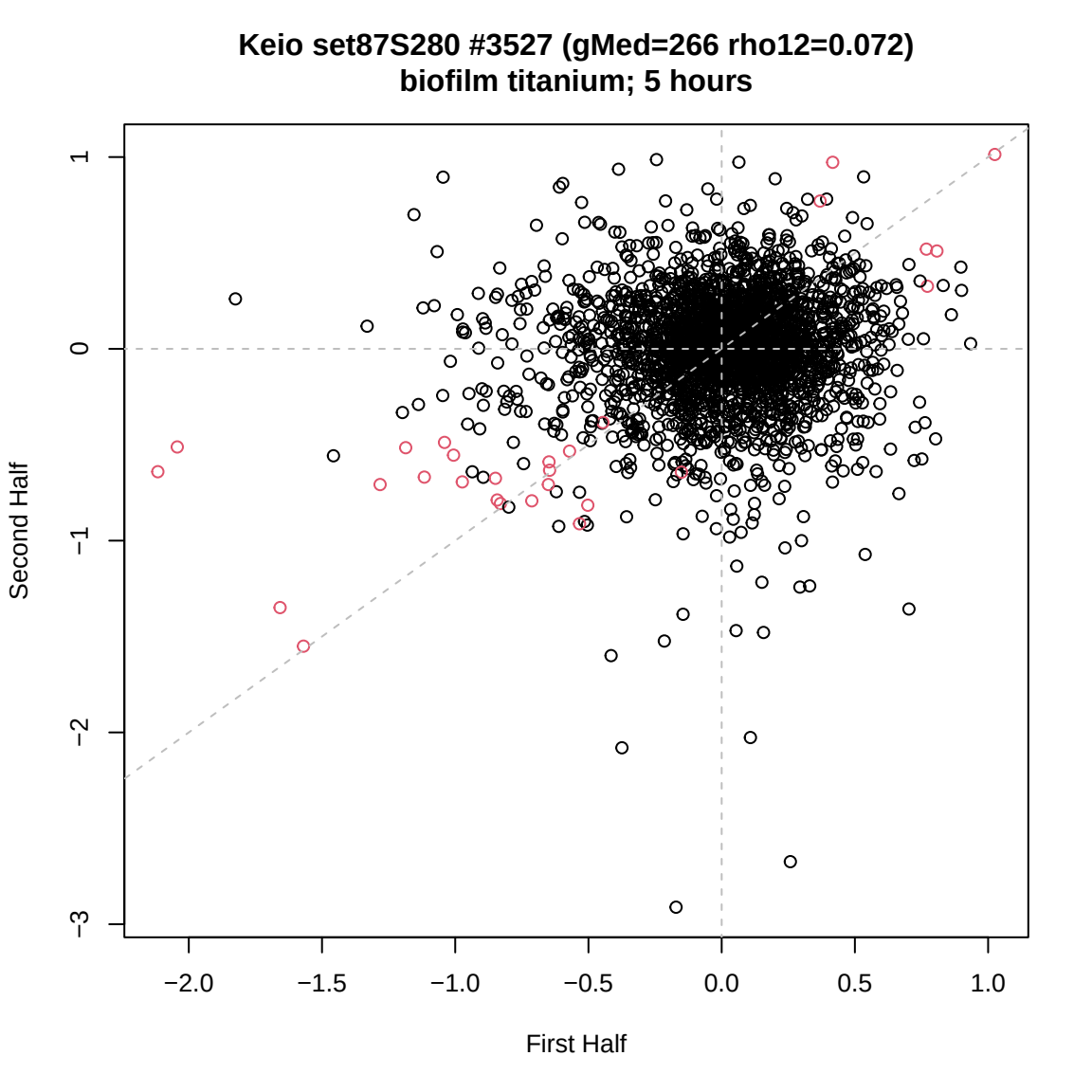

Keio set87S275 #3522 (gMed=57 rho12=0.065)
biofilm PDMS; 2 hours
Second Half
First Half
3
2
1
0
−1
−2
−3
−4
−2
0
2

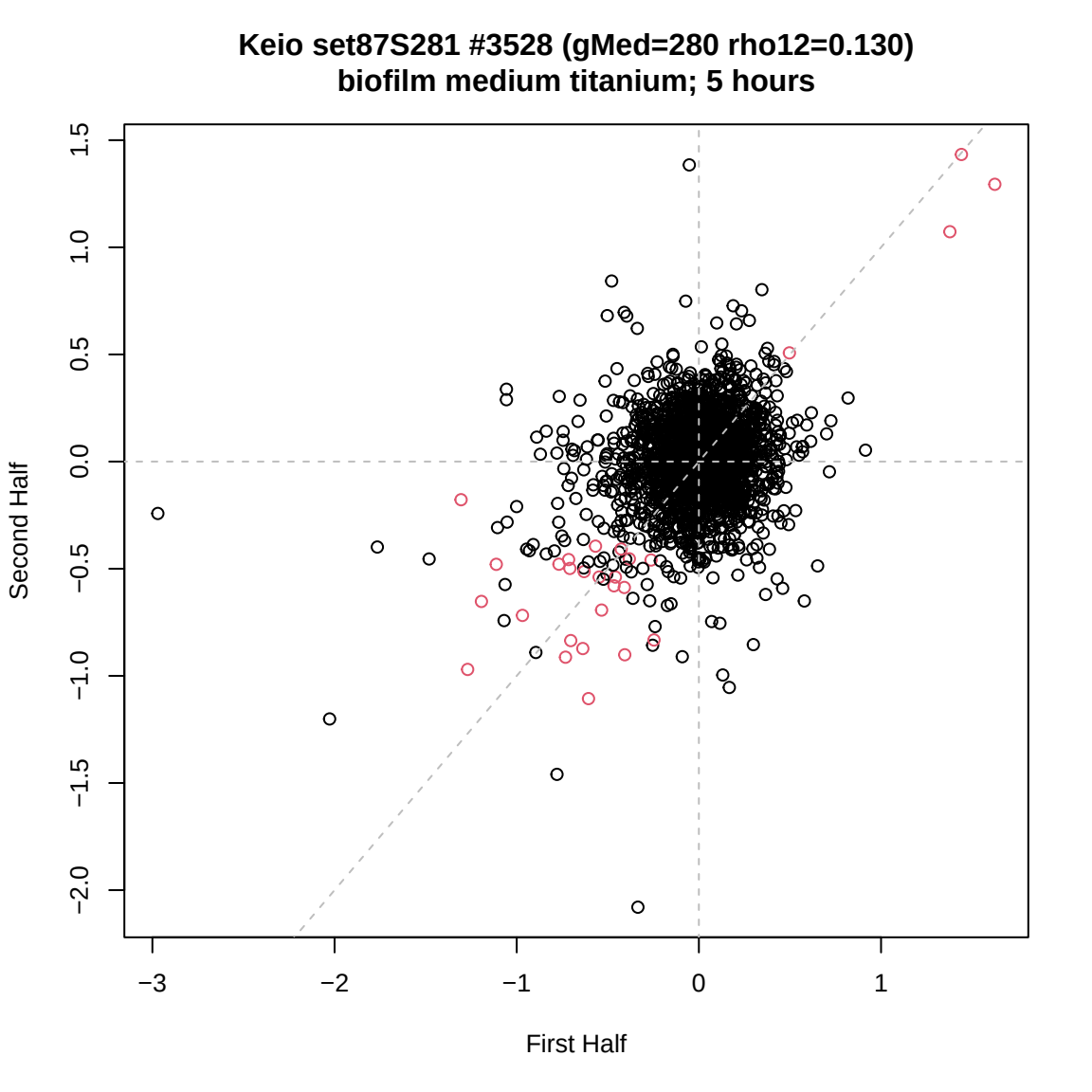

Keio set87S276 #3523 (gMed=47 rho12=0.057)
biofilm PDMS; 2 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

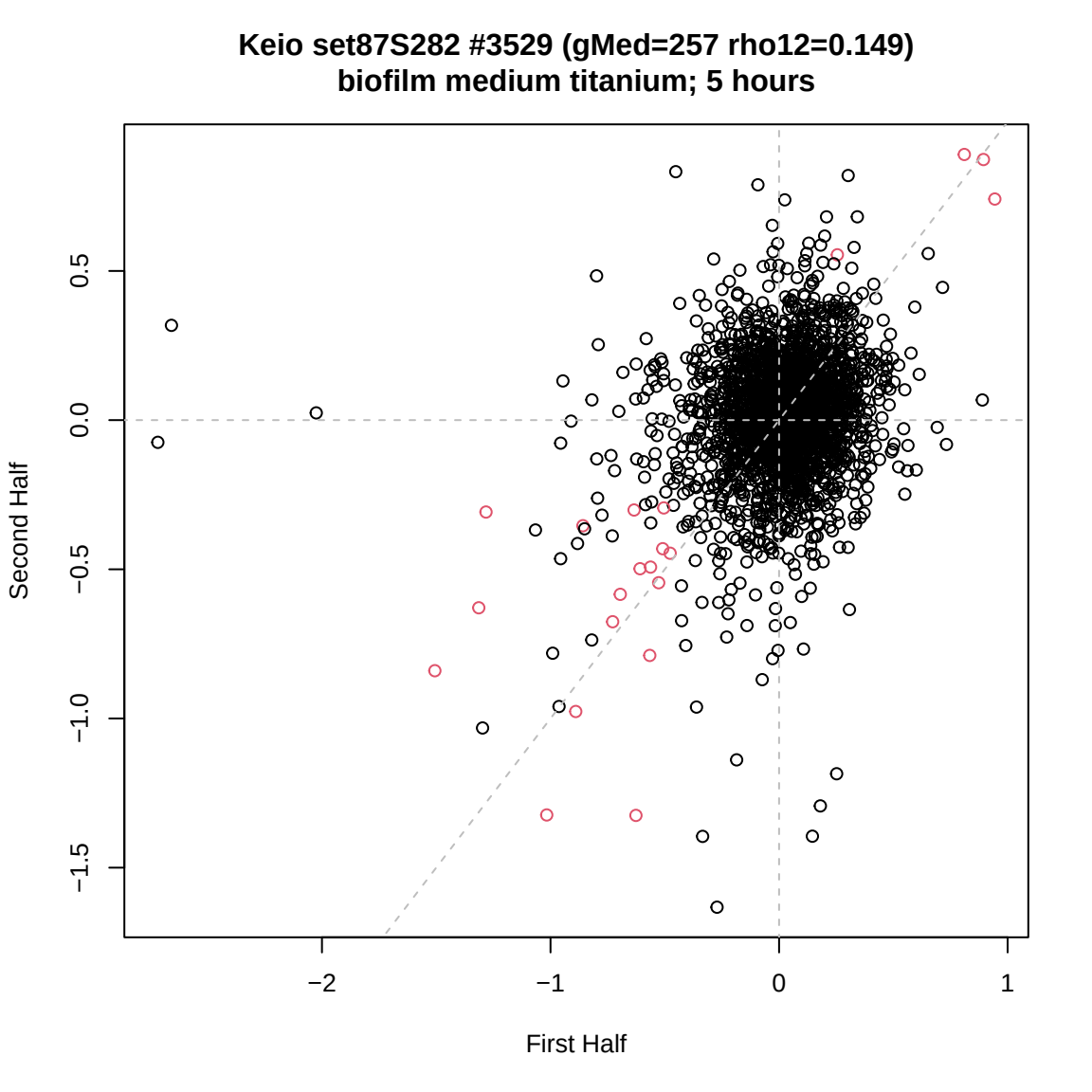

Keio set87S277 #3524 (gMed=267 rho12=0.068)
biofilm medium PDMS; 2 hours
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

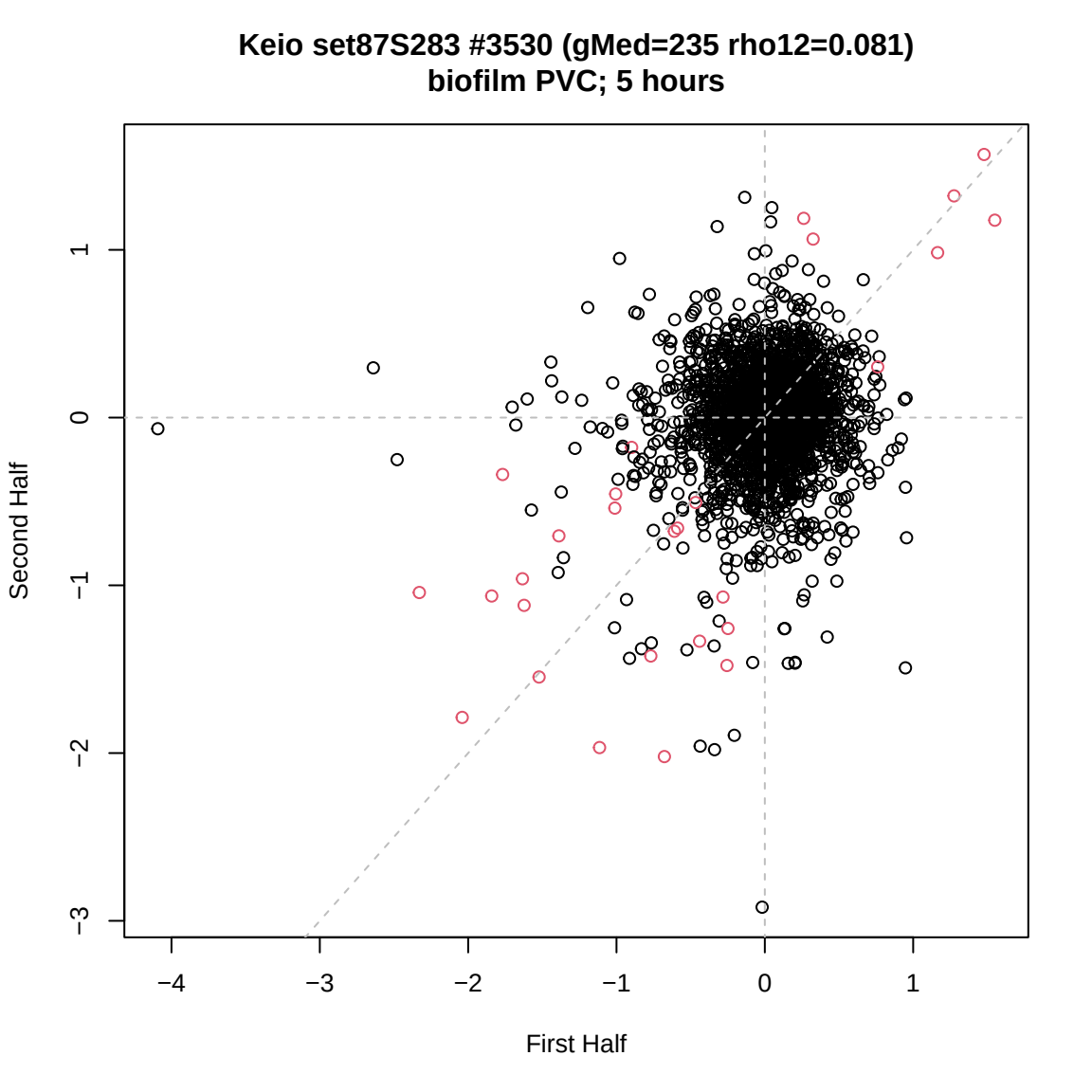

Keio set87S278 #3525 (gMed=261 rho12=0.080)
biofilm medium PDMS; 2 hours
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

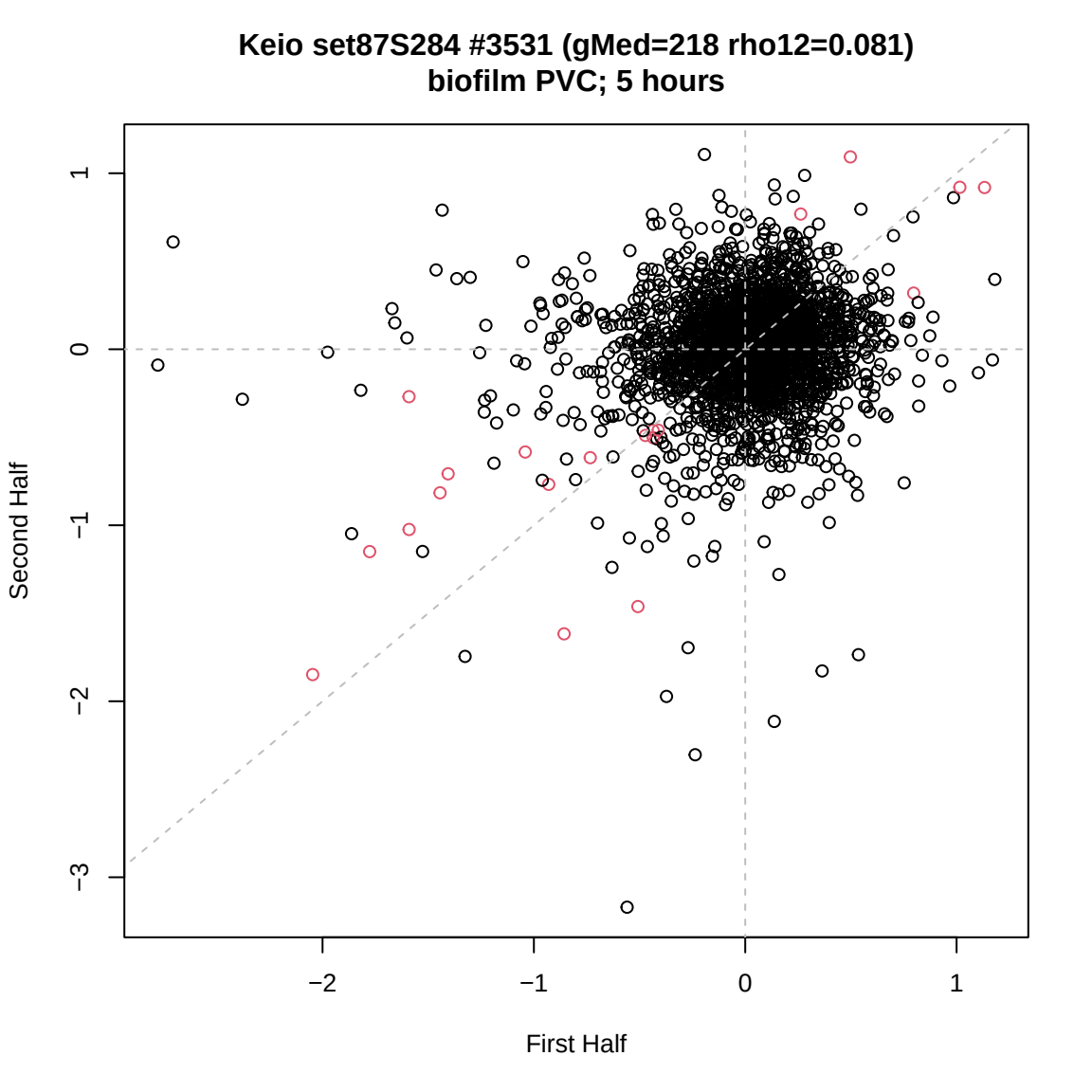

Keio set87S279 #3526 (gMed=251 rho12=0.101)
biofilm titanium; 5 hours
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

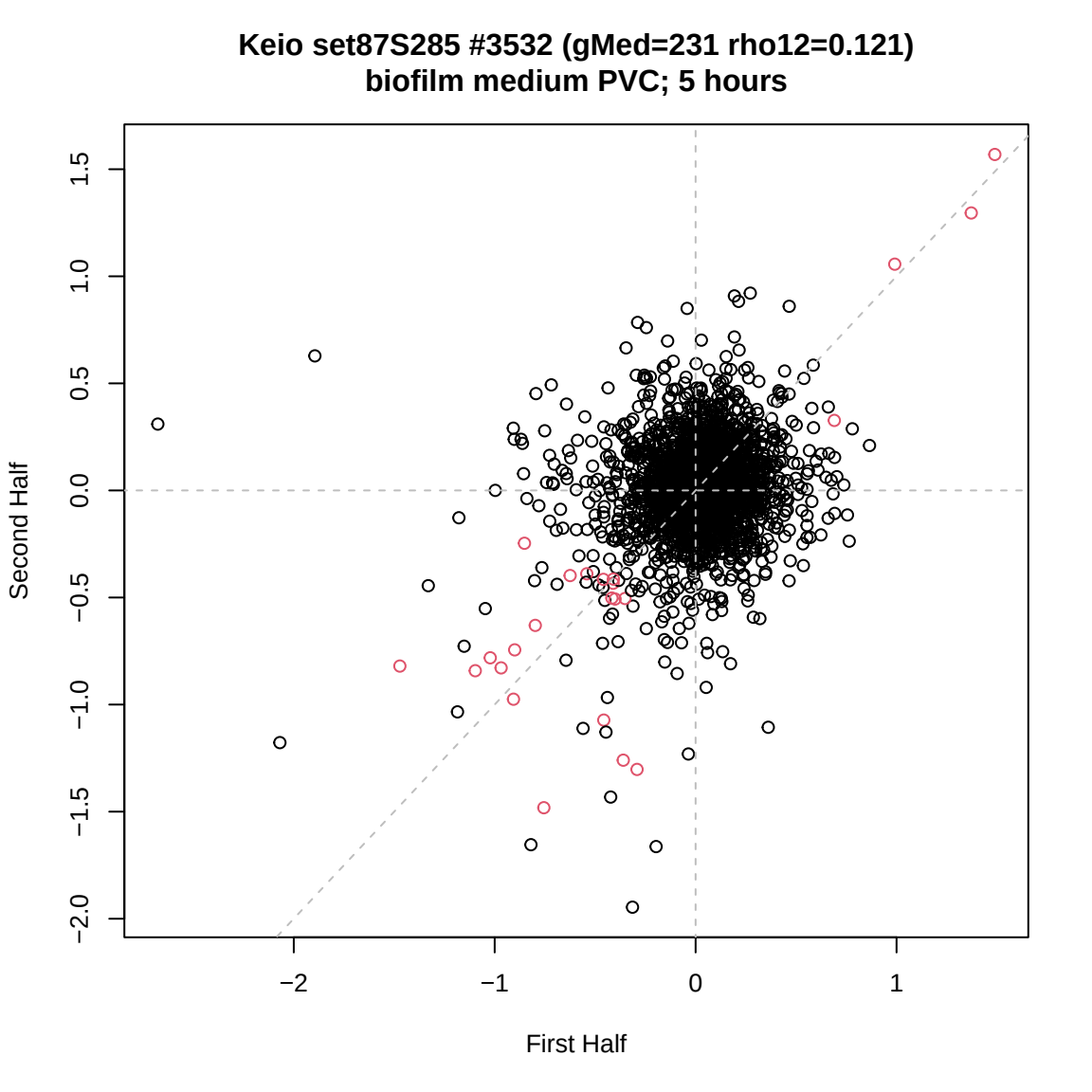

Keio set87S280 #3527 (gMed=266 rho12=0.072)
biofilm titanium; 5 hours
Second Half
First Half
1
0
−1
−2
−3
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

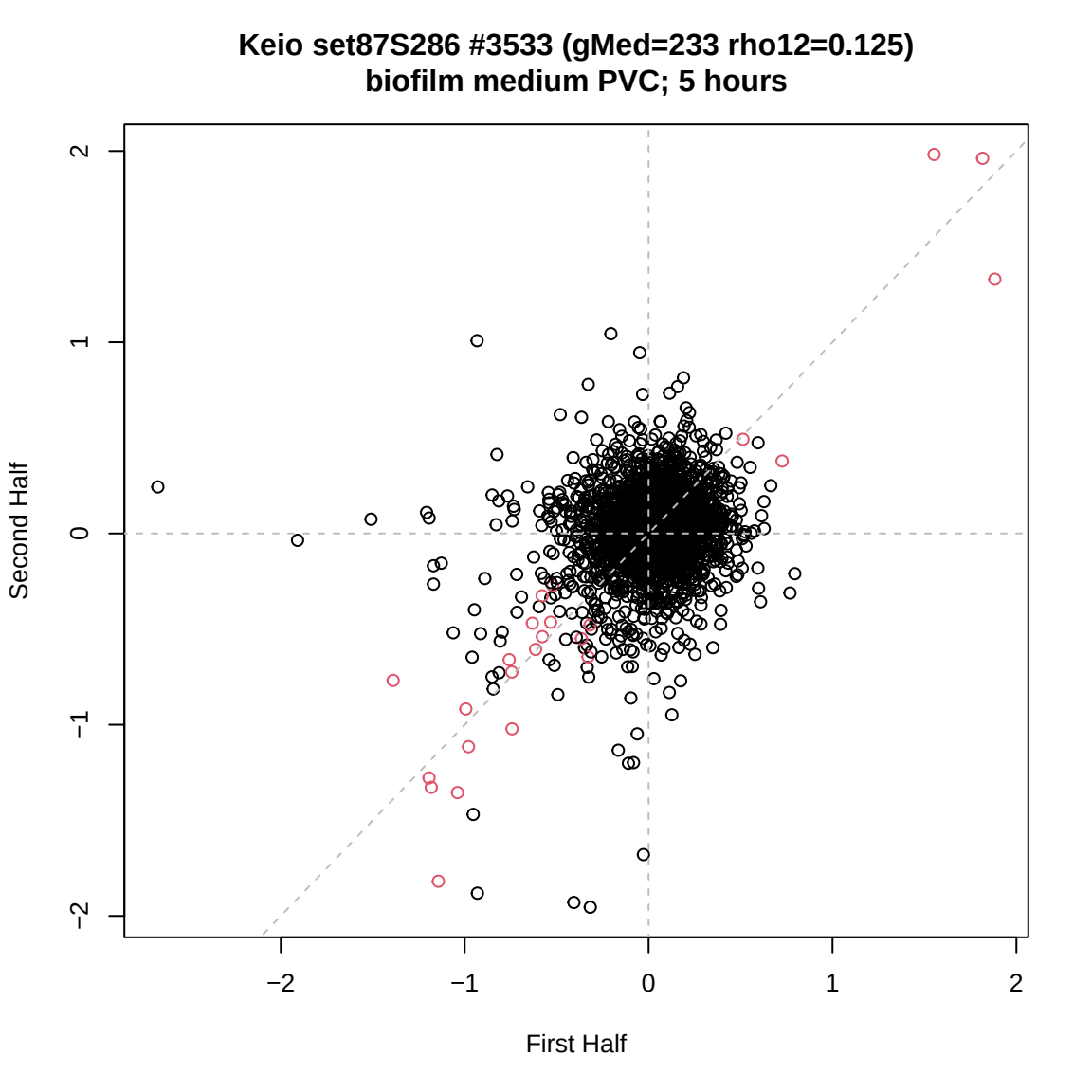

Keio set87S281 #3528 (gMed=280 rho12=0.130)
biofilm medium titanium; 5 hours
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1

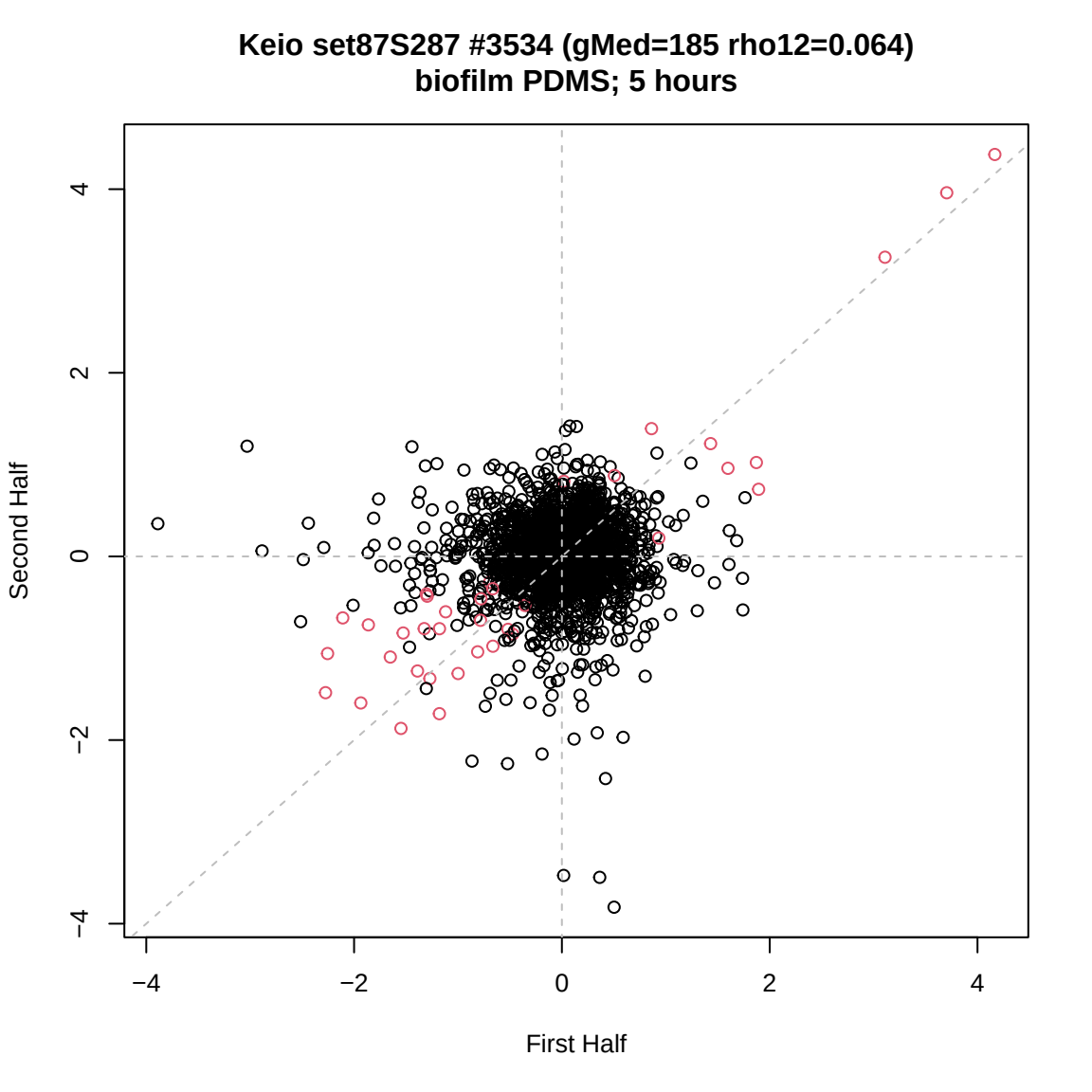

Keio set87S282 #3529 (gMed=257 rho12=0.149)
biofilm medium titanium; 5 hours
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2
−1
0
1

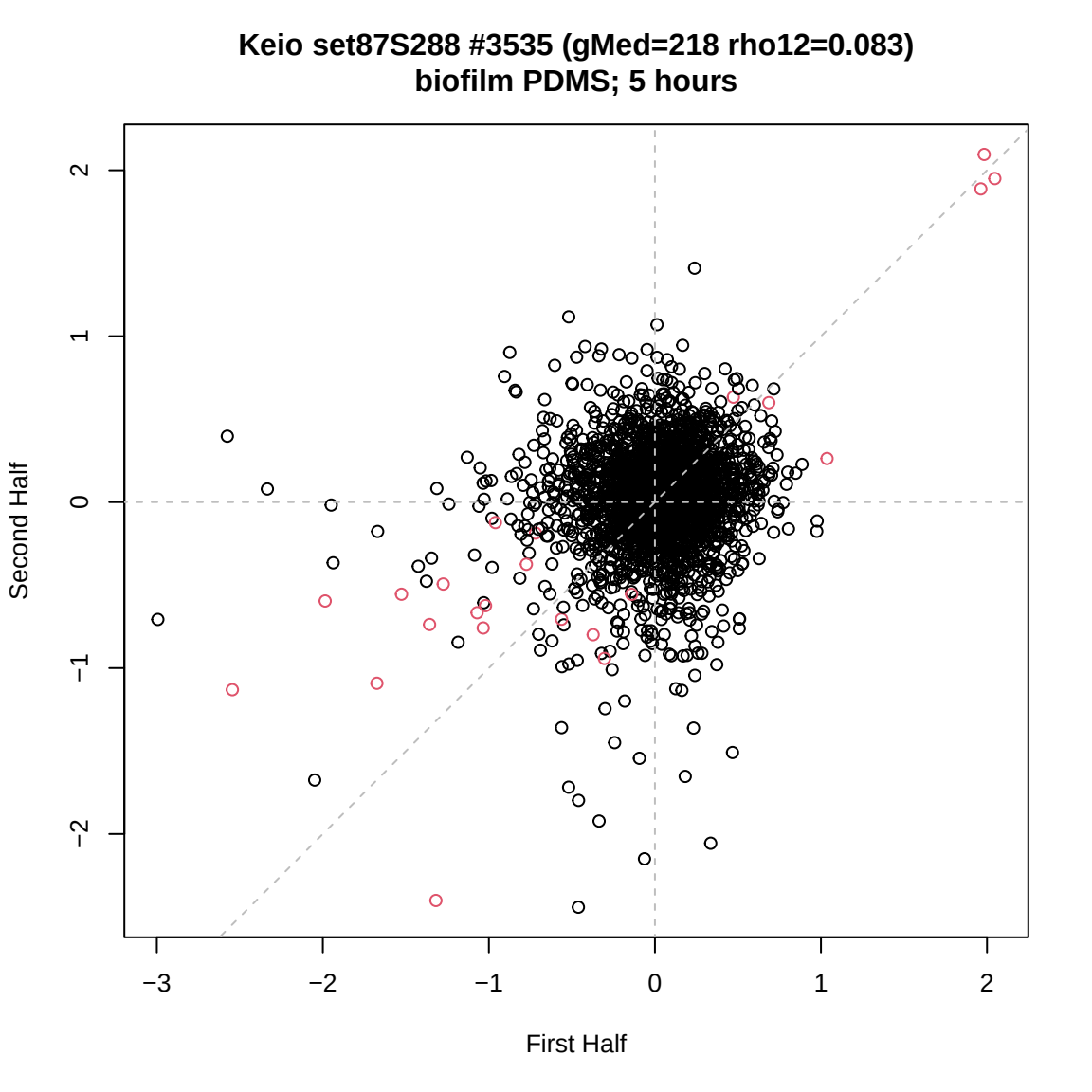

Keio set87S283 #3530 (gMed=235 rho12=0.081)
biofilm PVC; 5 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

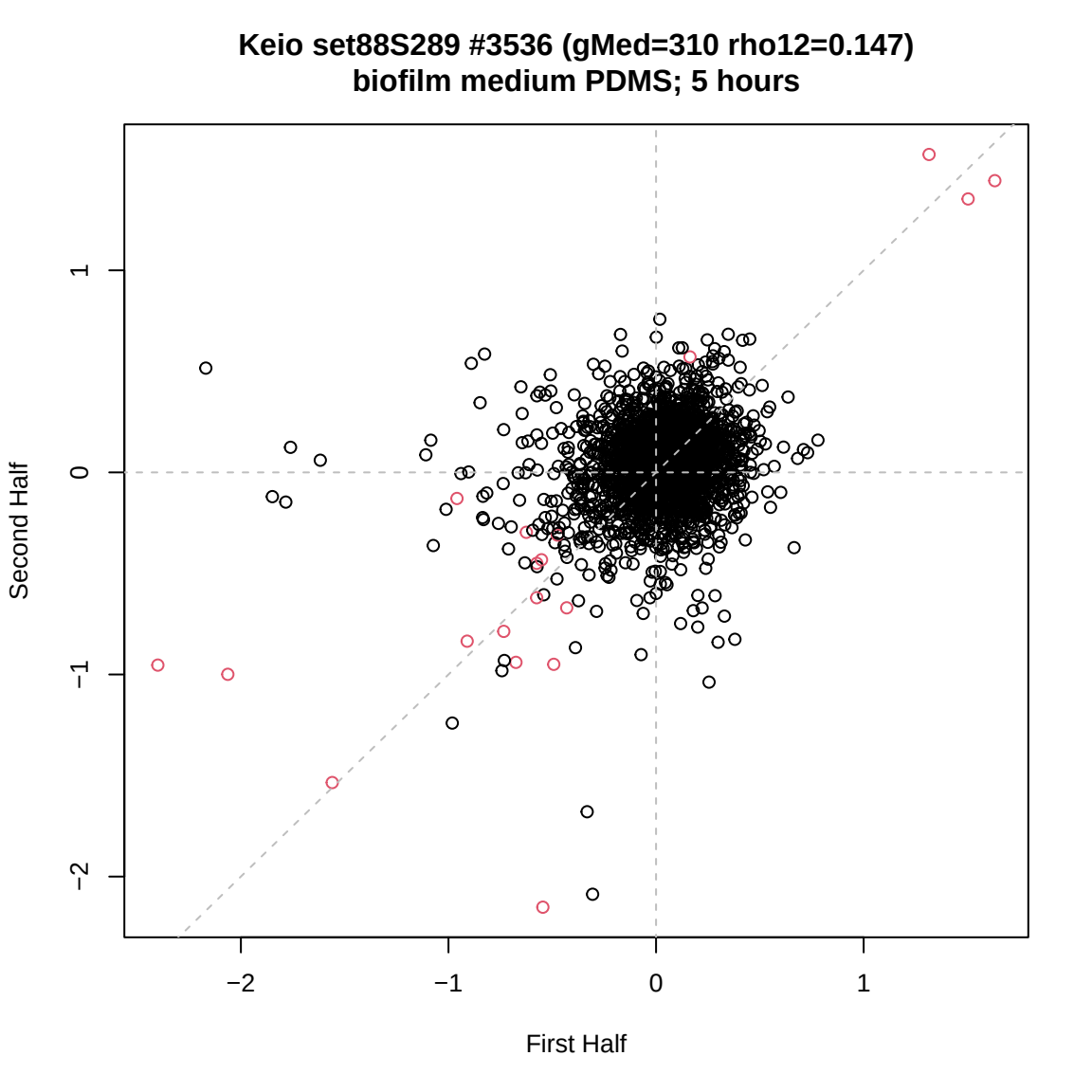

Keio set87S284 #3531 (gMed=218 rho12=0.081)
biofilm PVC; 5 hours
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

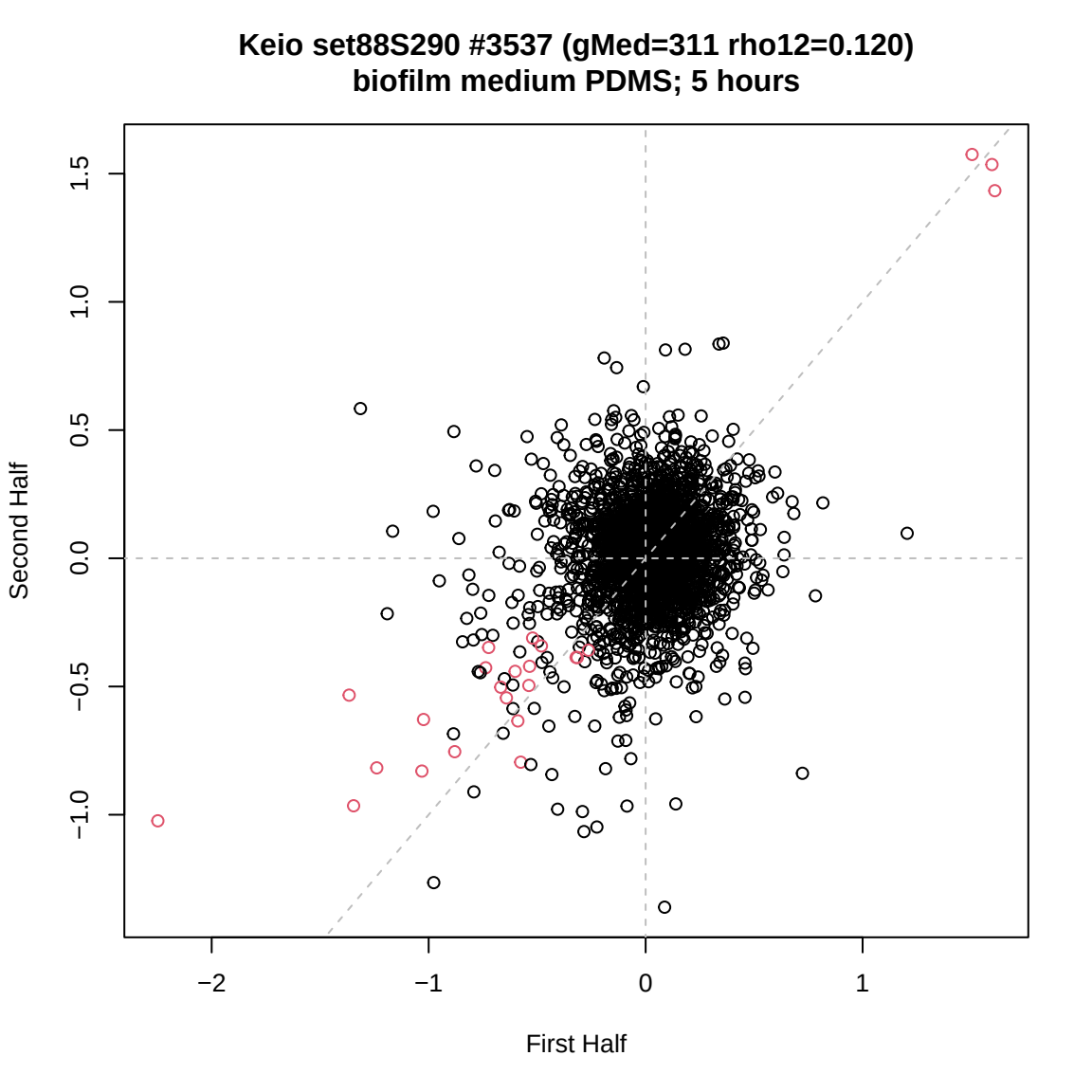

Keio set87S285 #3532 (gMed=231 rho12=0.121)
biofilm medium PVC; 5 hours
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

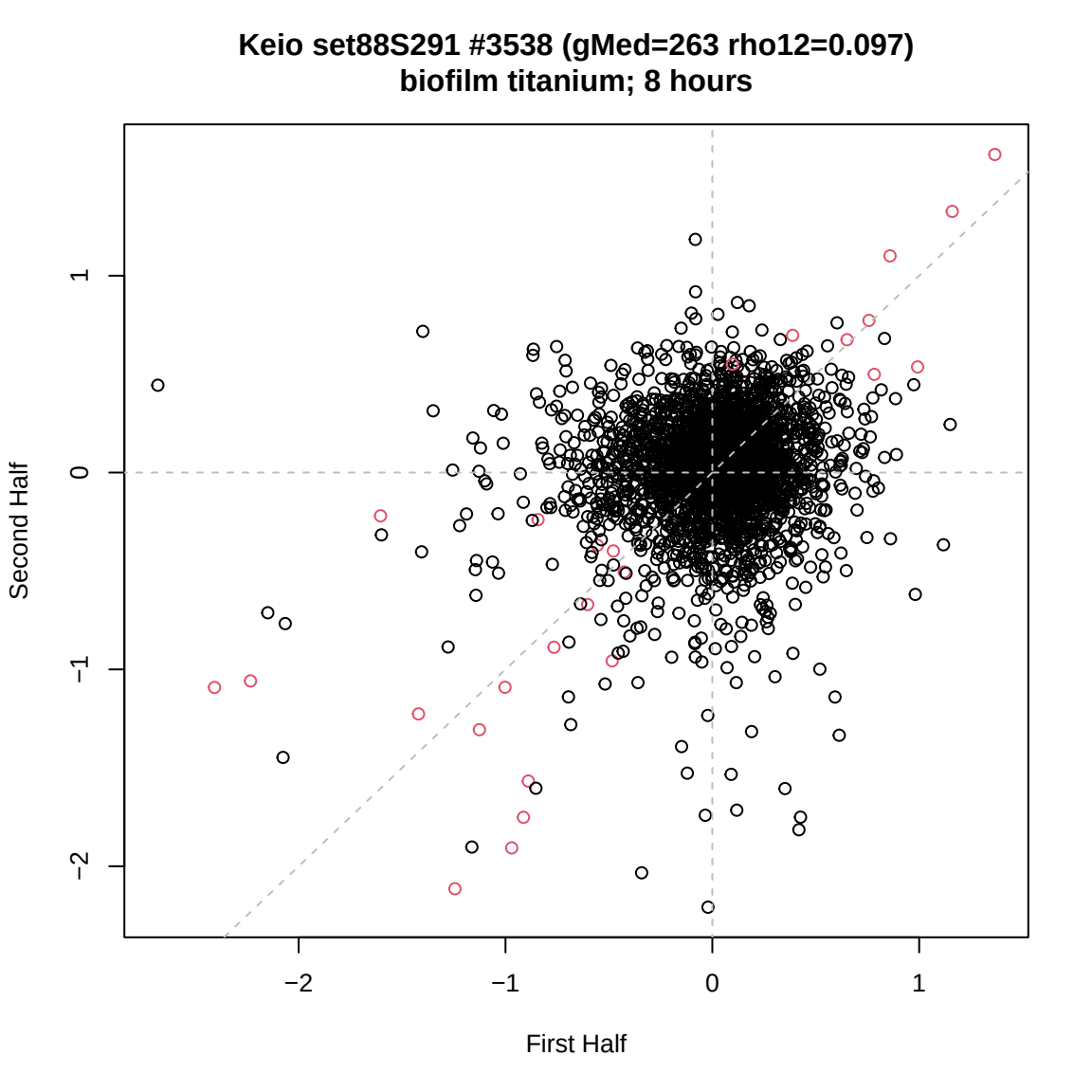

Keio set87S286 #3533 (gMed=233 rho12=0.125)
biofilm medium PVC; 5 hours
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

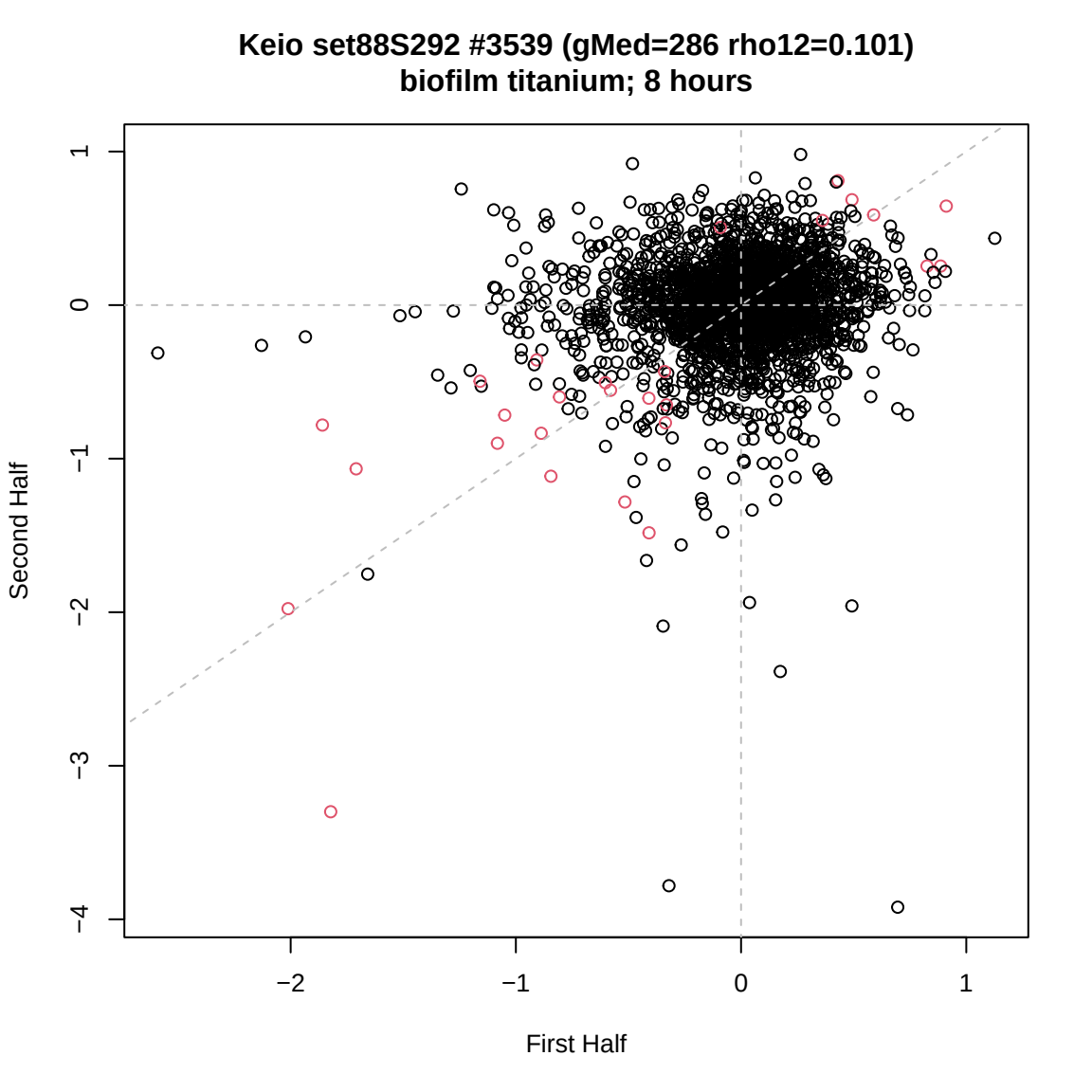

Keio set87S287 #3534 (gMed=185 rho12=0.064)
biofilm PDMS; 5 hours
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

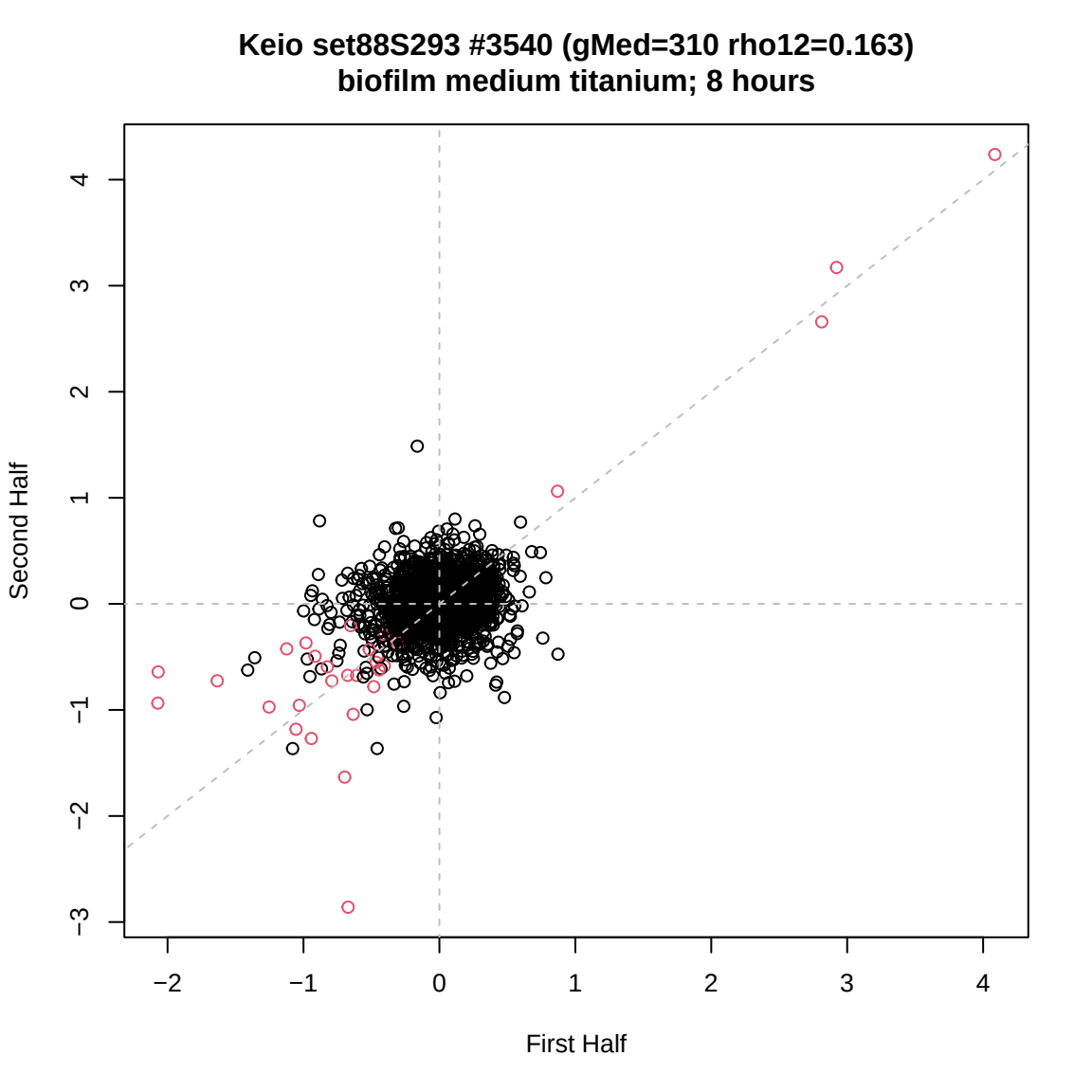

Keio set87S288 #3535 (gMed=218 rho12=0.083)
biofilm PDMS; 5 hours
Second Half
First Half
2
1
0
−1
−2
−3
−2
−1
0
1
2

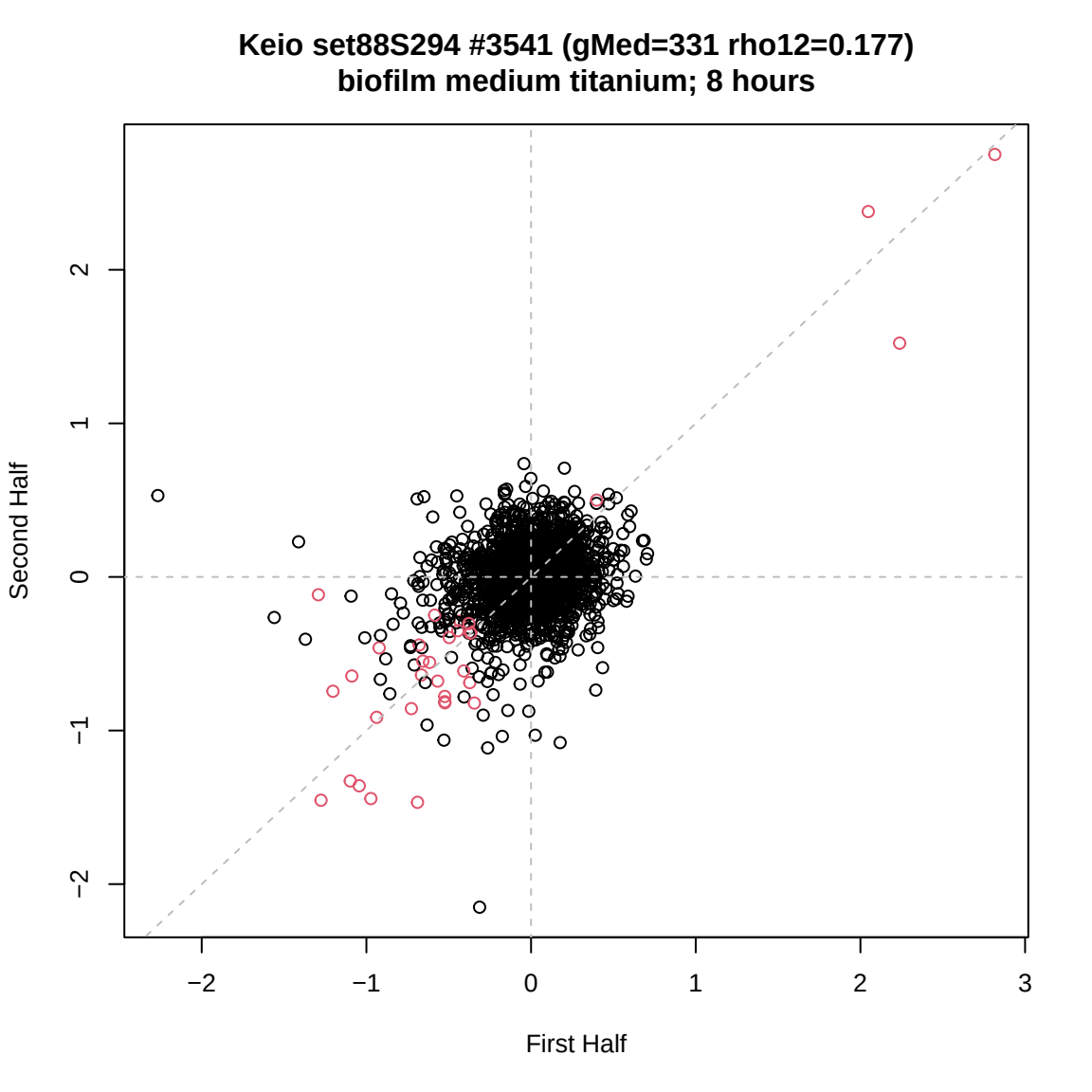

Keio set88S289 #3536 (gMed=310 rho12=0.147)
biofilm medium PDMS; 5 hours
Second Half
First Half
1
0
−1
−2
−2
−1
0
1

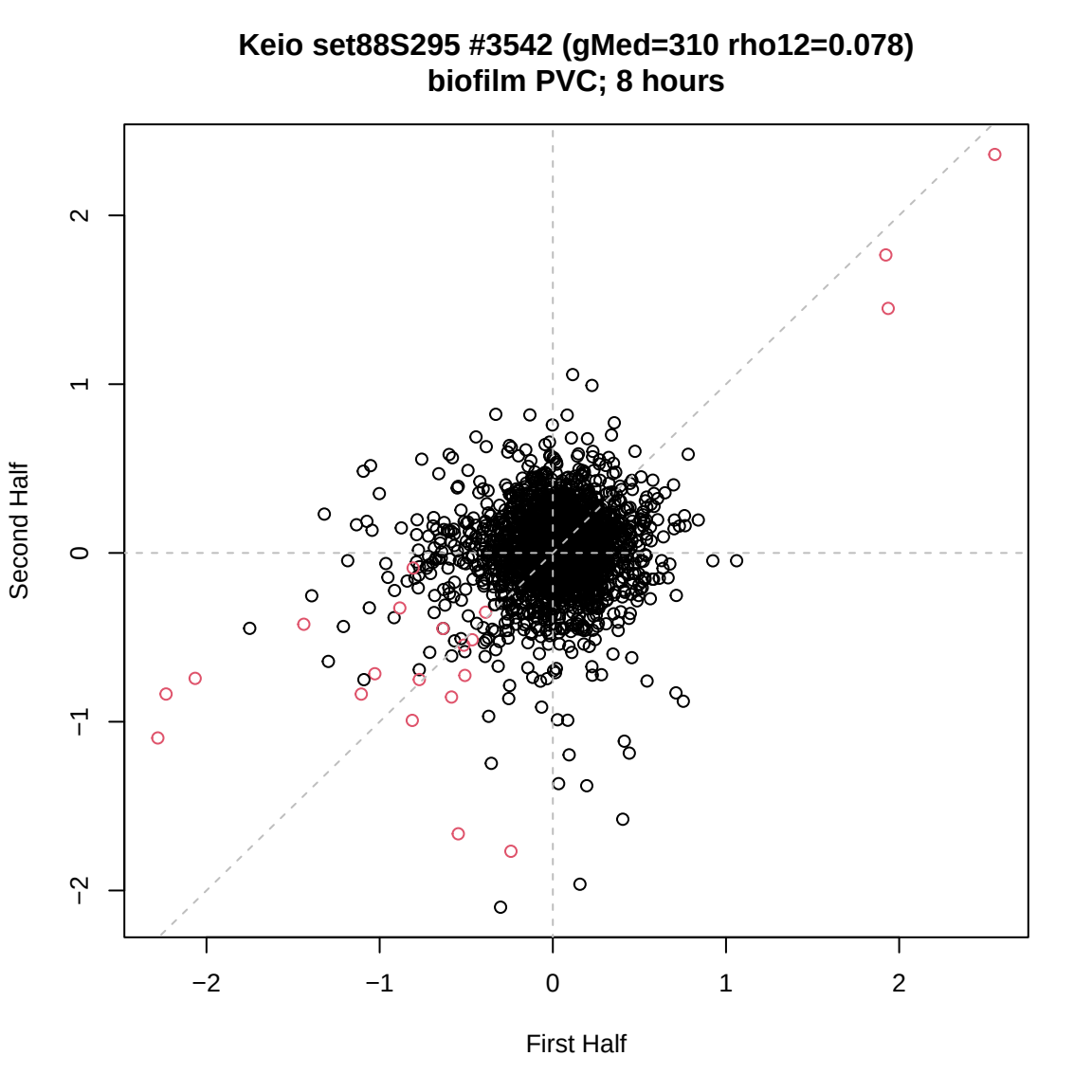

Keio set88S290 #3537 (gMed=311 rho12=0.120)
biofilm medium PDMS; 5 hours
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−2
−1
0
1

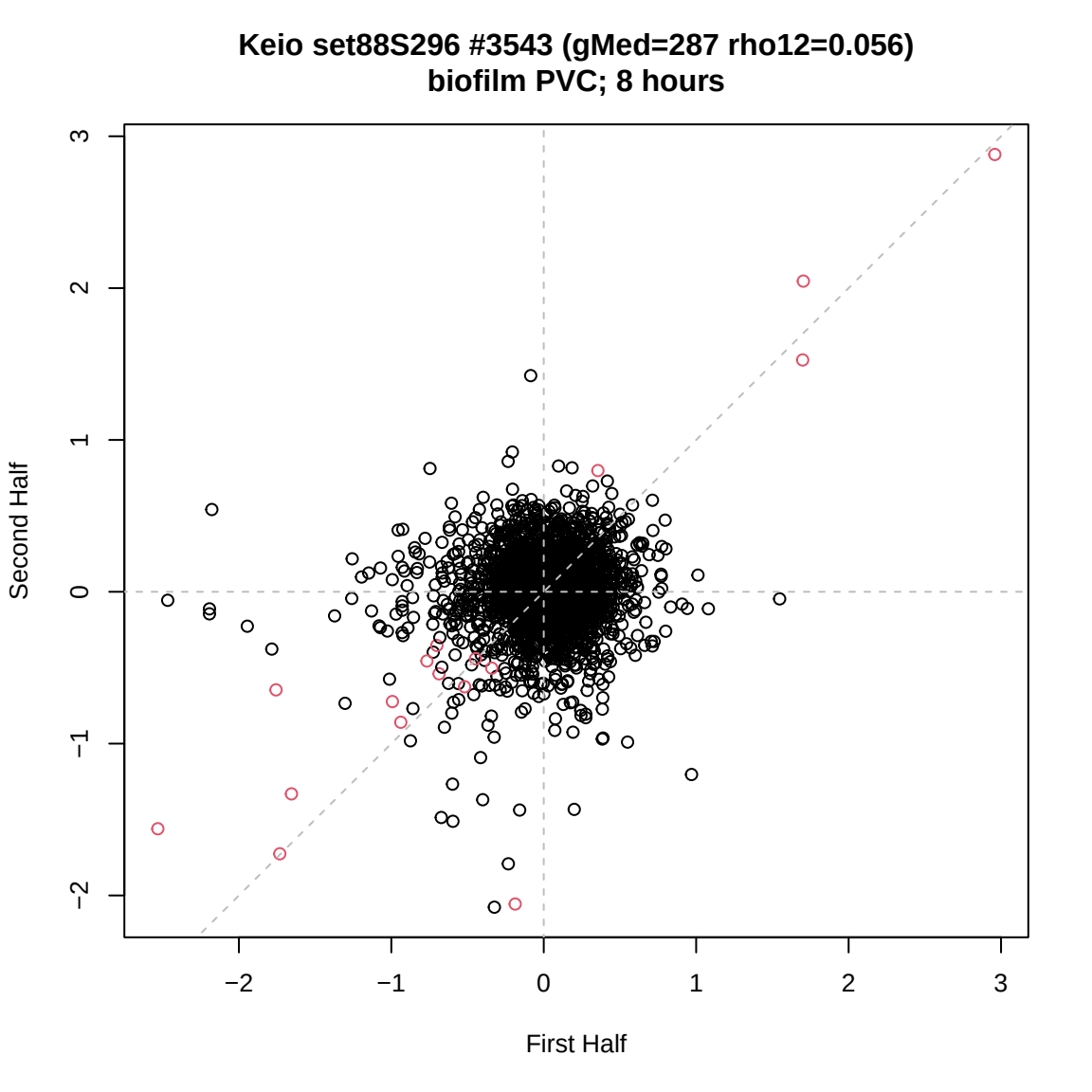

Keio set88S291 #3538 (gMed=263 rho12=0.097)
biofilm titanium; 8 hours
Second Half
First Half
−2
−1
0
1
−2
−1
0
1

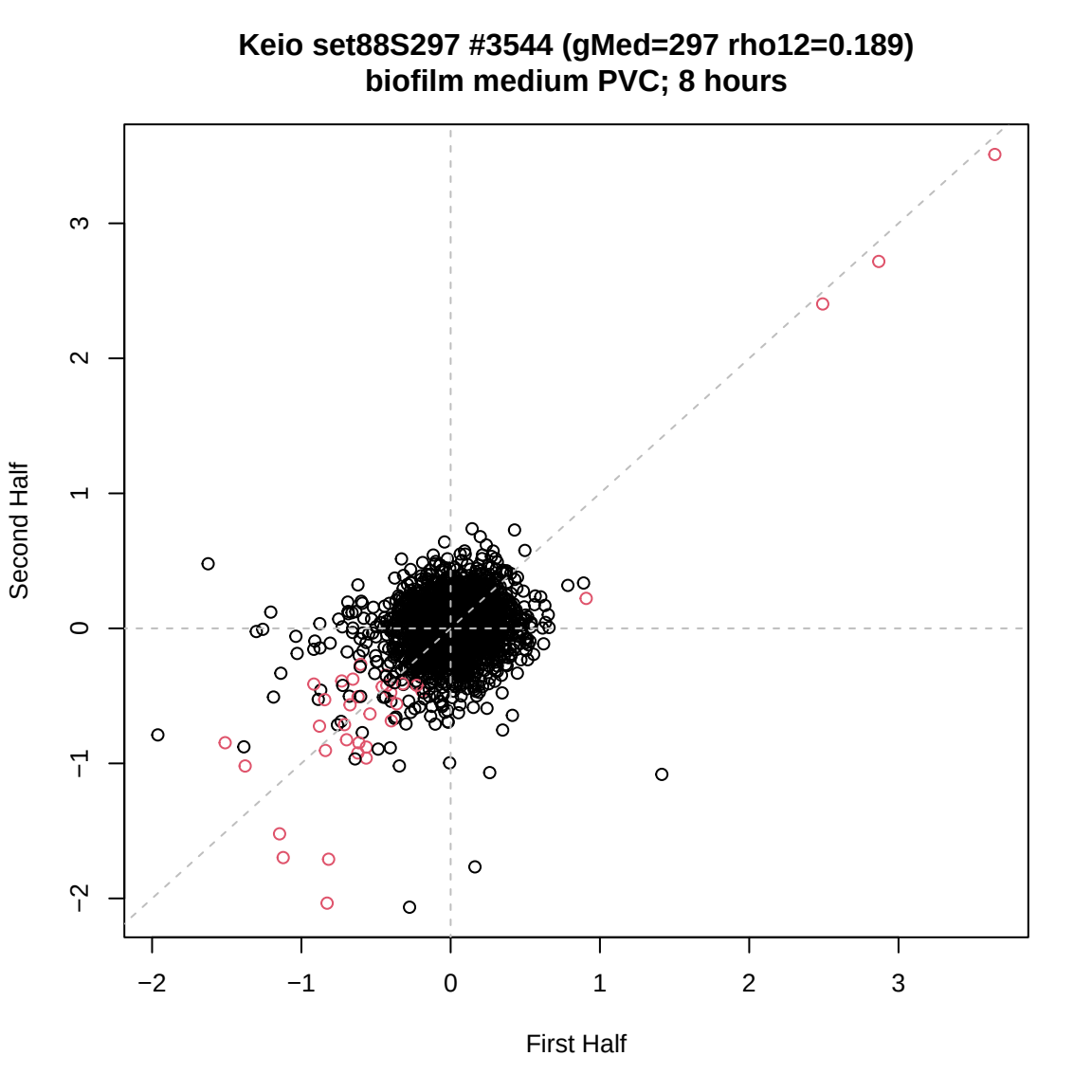

Keio set88S292 #3539 (gMed=286 rho12=0.101)
biofilm titanium; 8 hours
Second Half
First Half
1
0
−1
−2
−3
−4
−2
−1
0
1

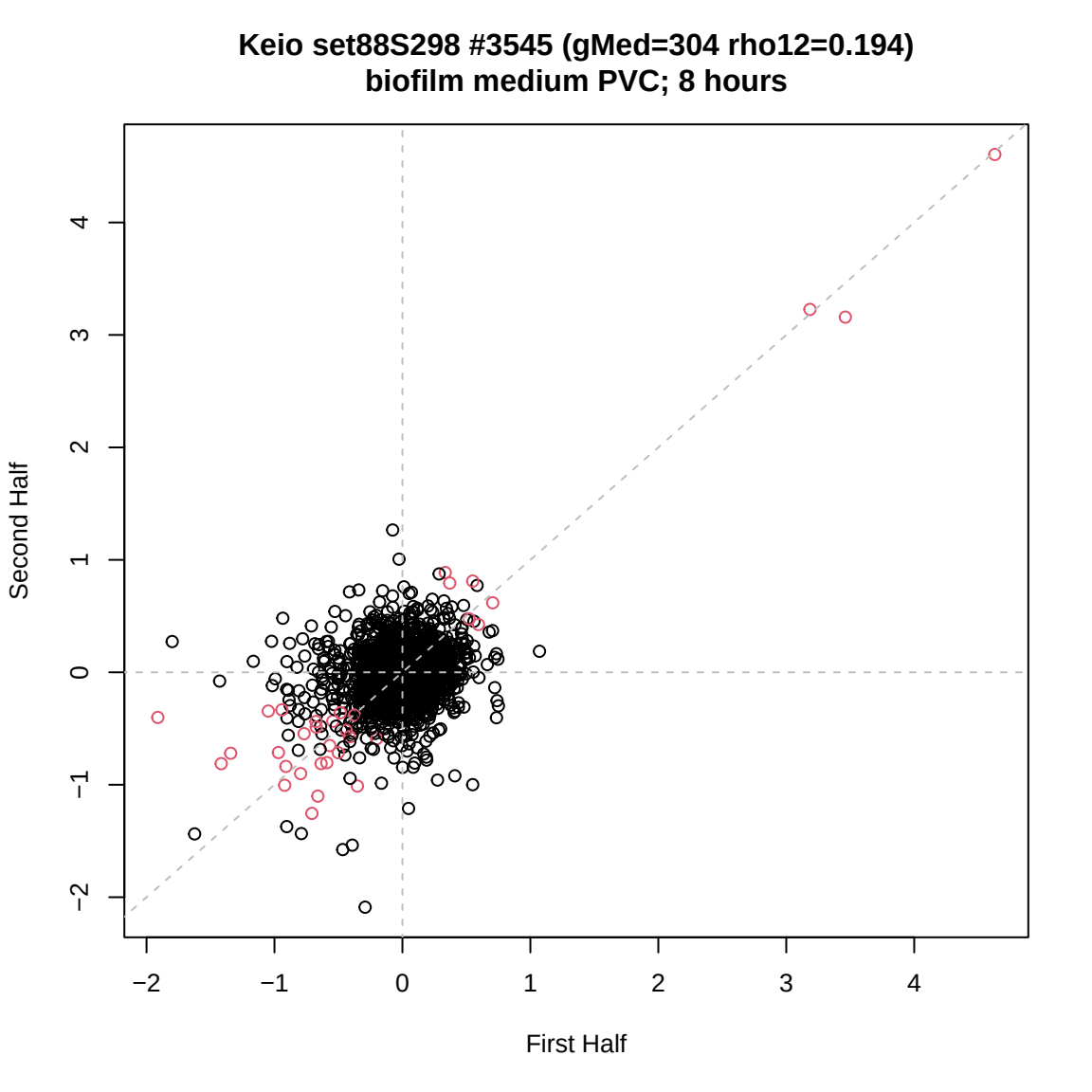

Keio set88S293 #3540 (gMed=310 rho12=0.163)
biofilm medium titanium; 8 hours
Second Half
First Half
−3
−2
−1
0
1
2
3
4

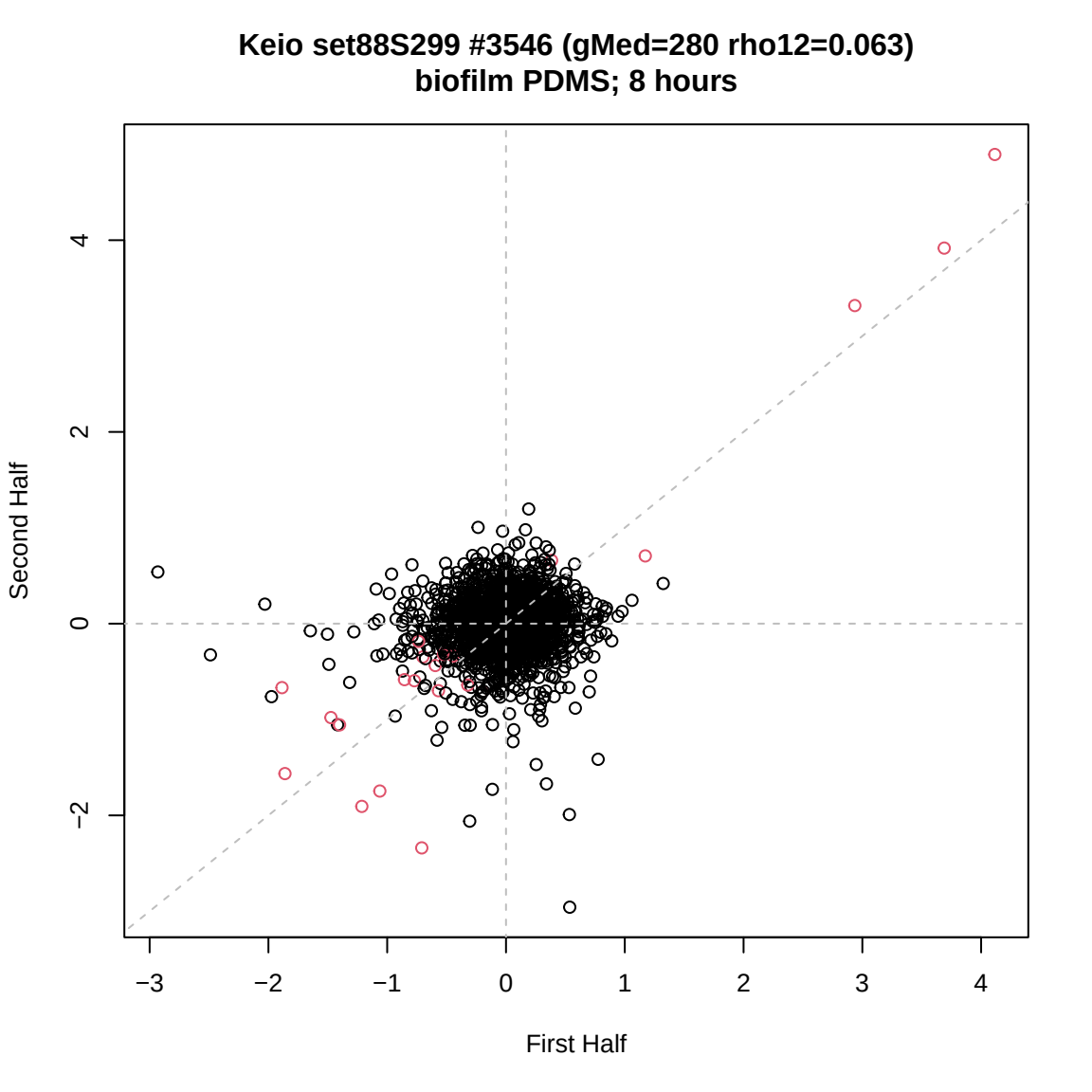

Keio set88S294 #3541 (gMed=331 rho12=0.177)
biofilm medium titanium; 8 hours
Second Half
First Half
−2
−1
0
1
2
3

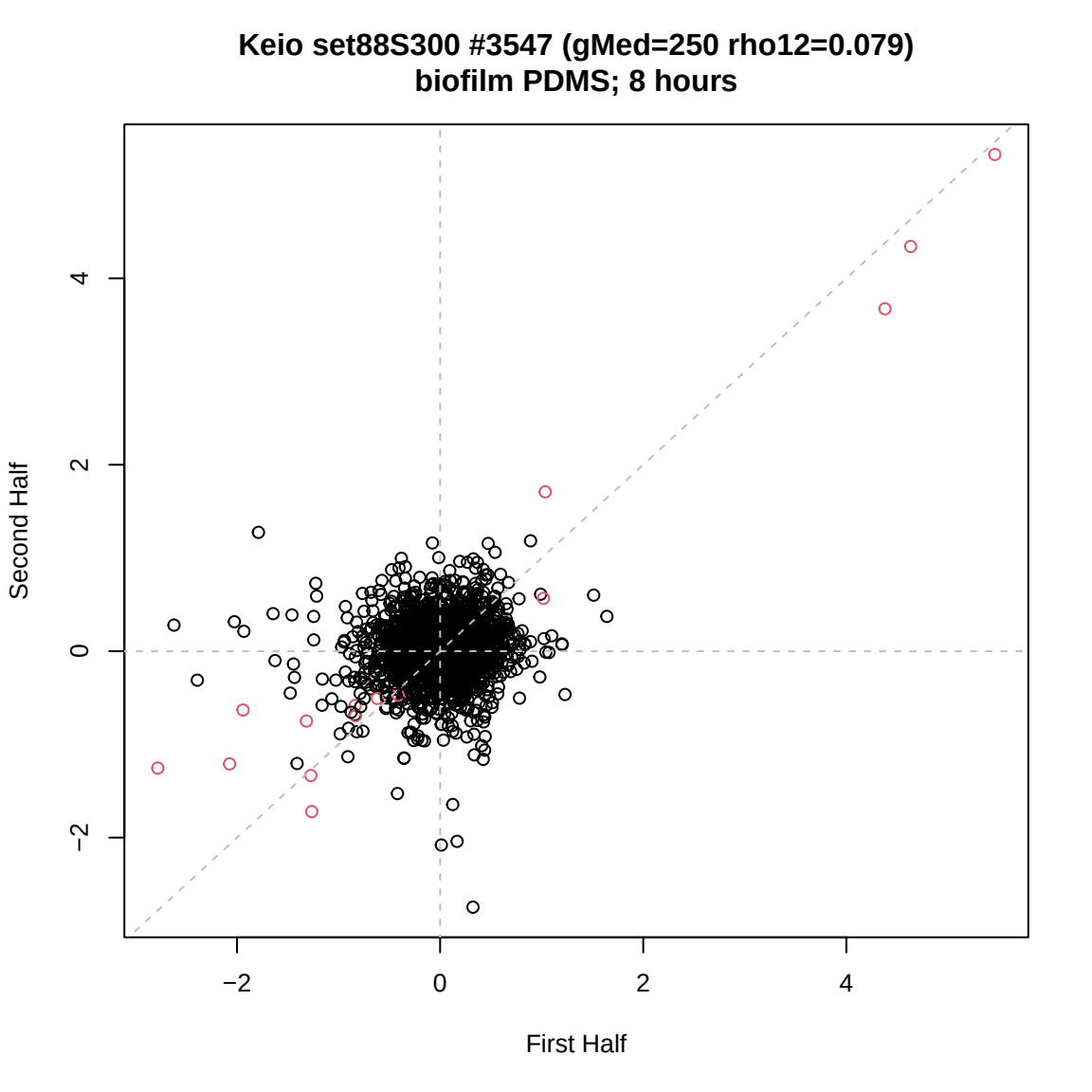

Keio set88S295 #3542 (gMed=310 rho12=0.078)
biofilm PVC; 8 hours
Second Half
First Half
2
1
0
−1
−2
−2
−1
0
1
2

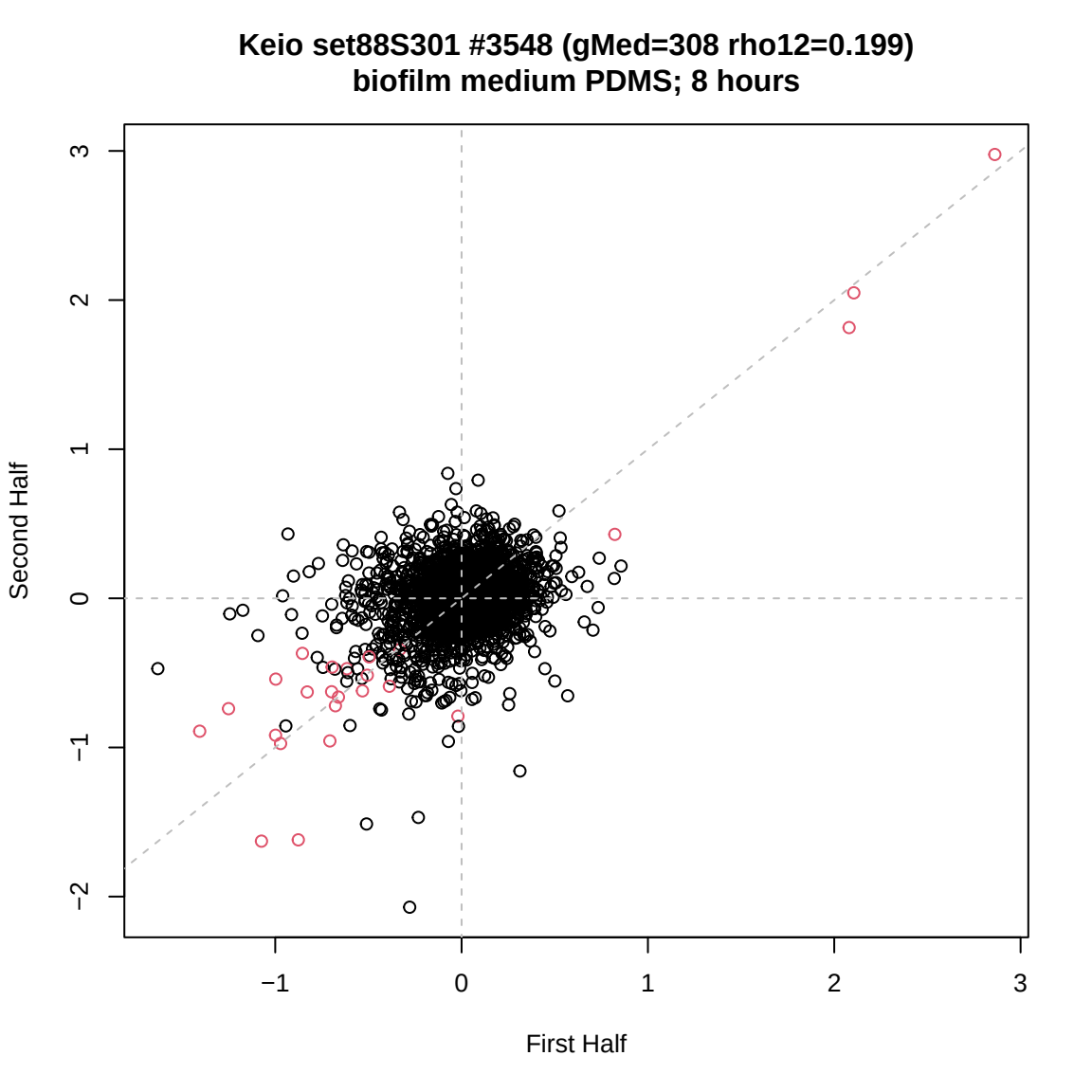

Keio set88S296 #3543 (gMed=287 rho12=0.056)
biofilm PVC; 8 hours
Second Half
First Half
3
2
1
0
−1
−2
−2
−1
0
1
2
3

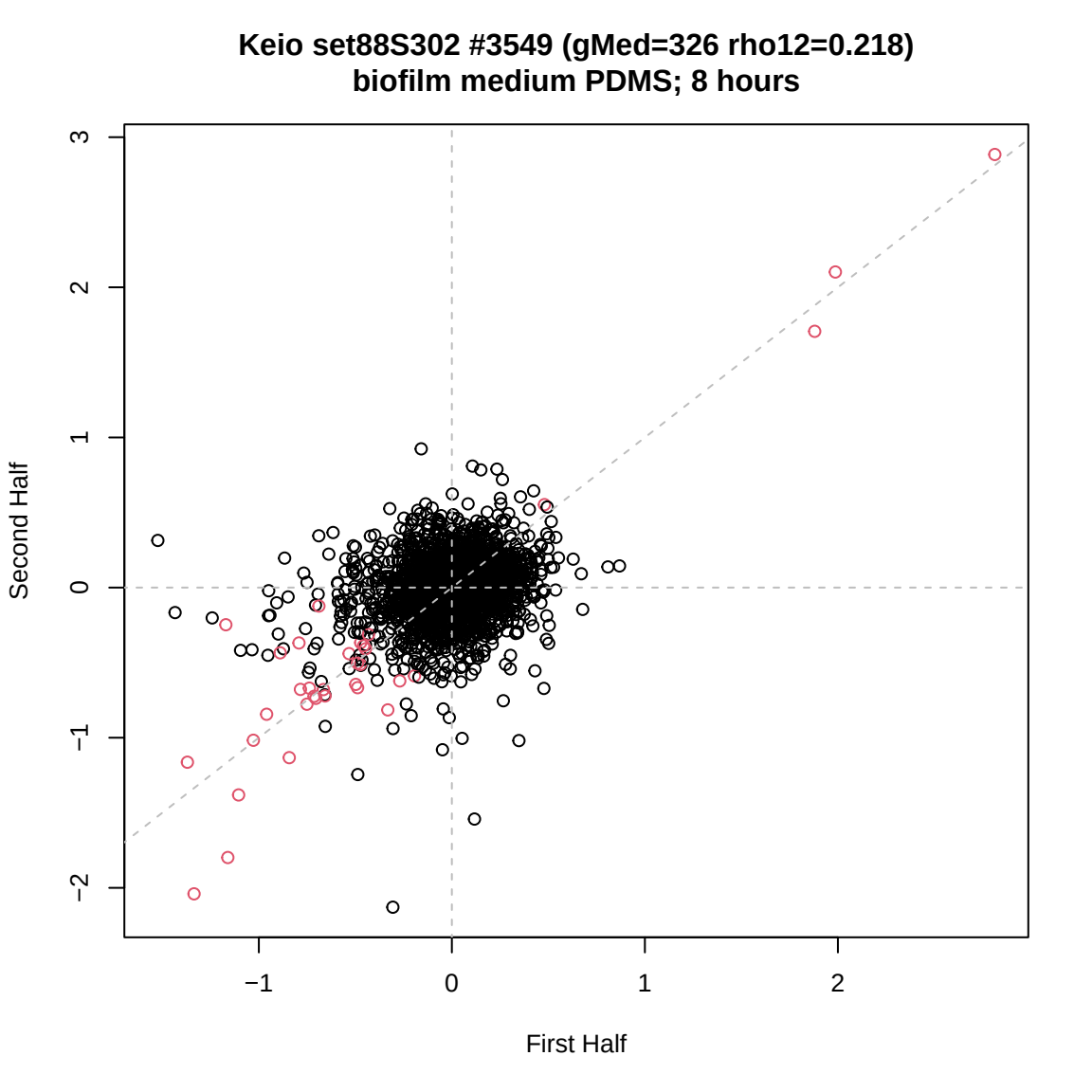

Keio set88S297 #3544 (gMed=297 rho12=0.189)
biofilm medium PVC; 8 hours
Second Half
First Half
−2
−1
0
1
2
3

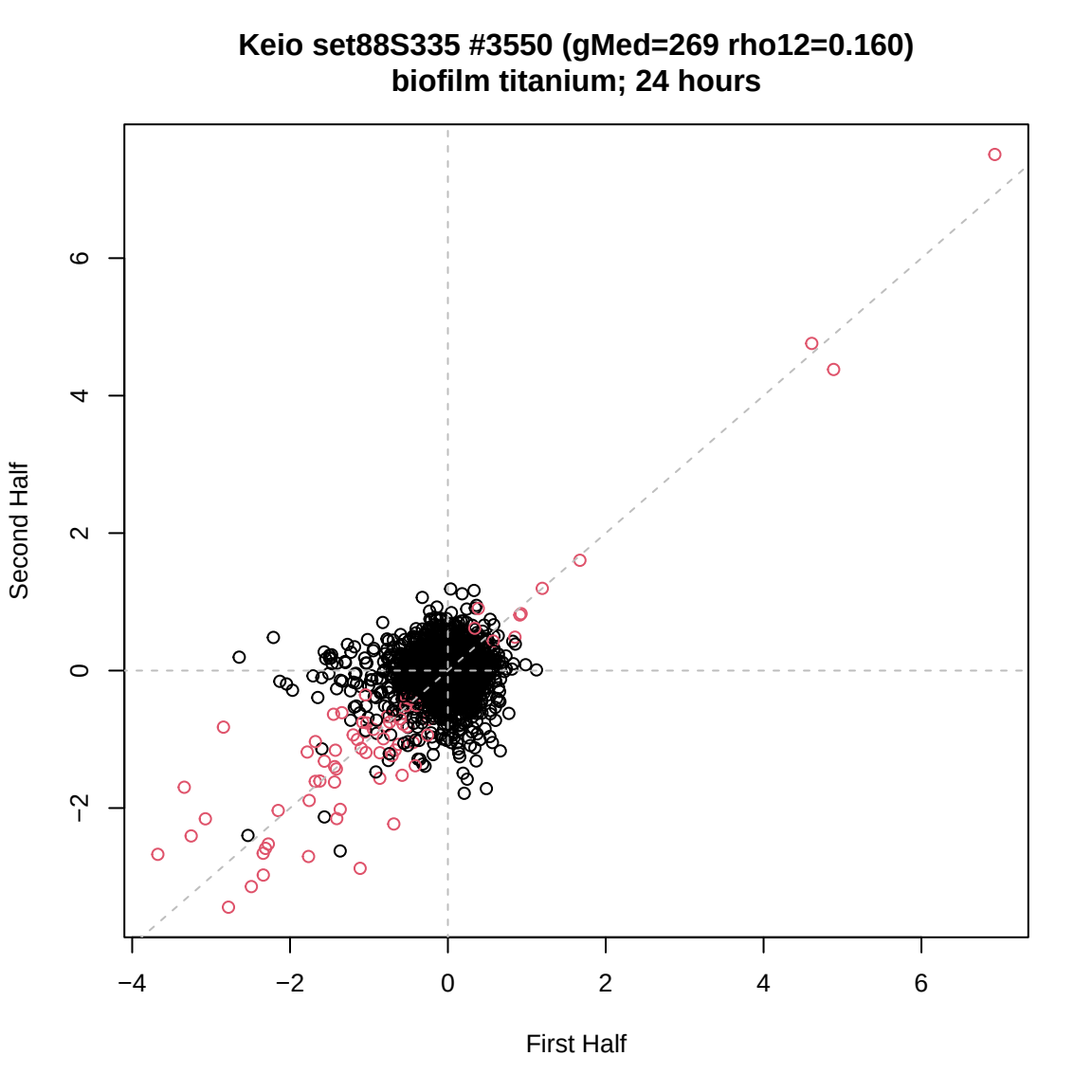

Keio set88S298 #3545 (gMed=304 rho12=0.194)
biofilm medium PVC; 8 hours
Second Half
First Half
−2
−1
0
1
2
3
4

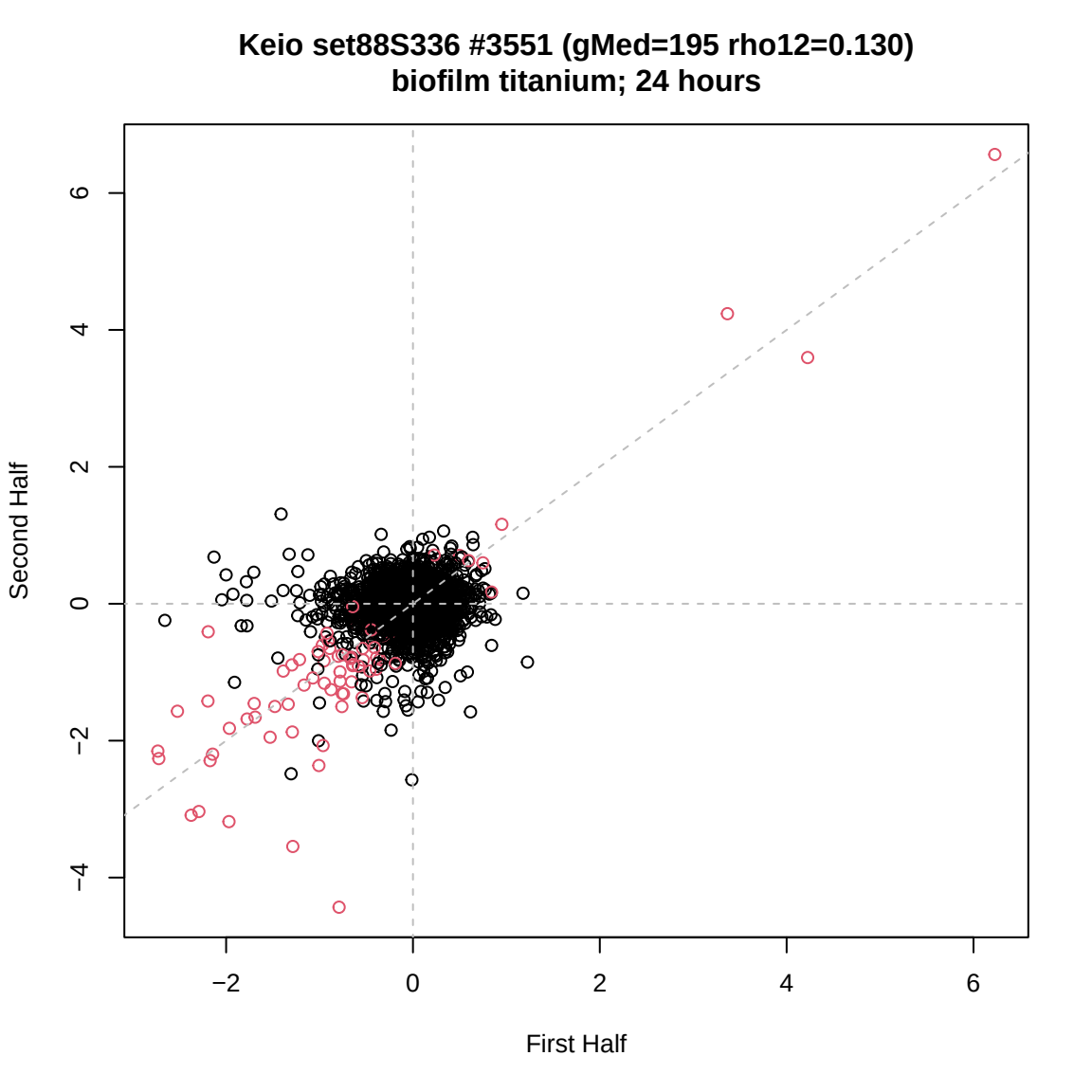

Keio set88S299 #3546 (gMed=280 rho12=0.063)
biofilm PDMS; 8 hours
Second Half
First Half
4
2
0
−2
−3
−2
−1
0
1
2
3
4

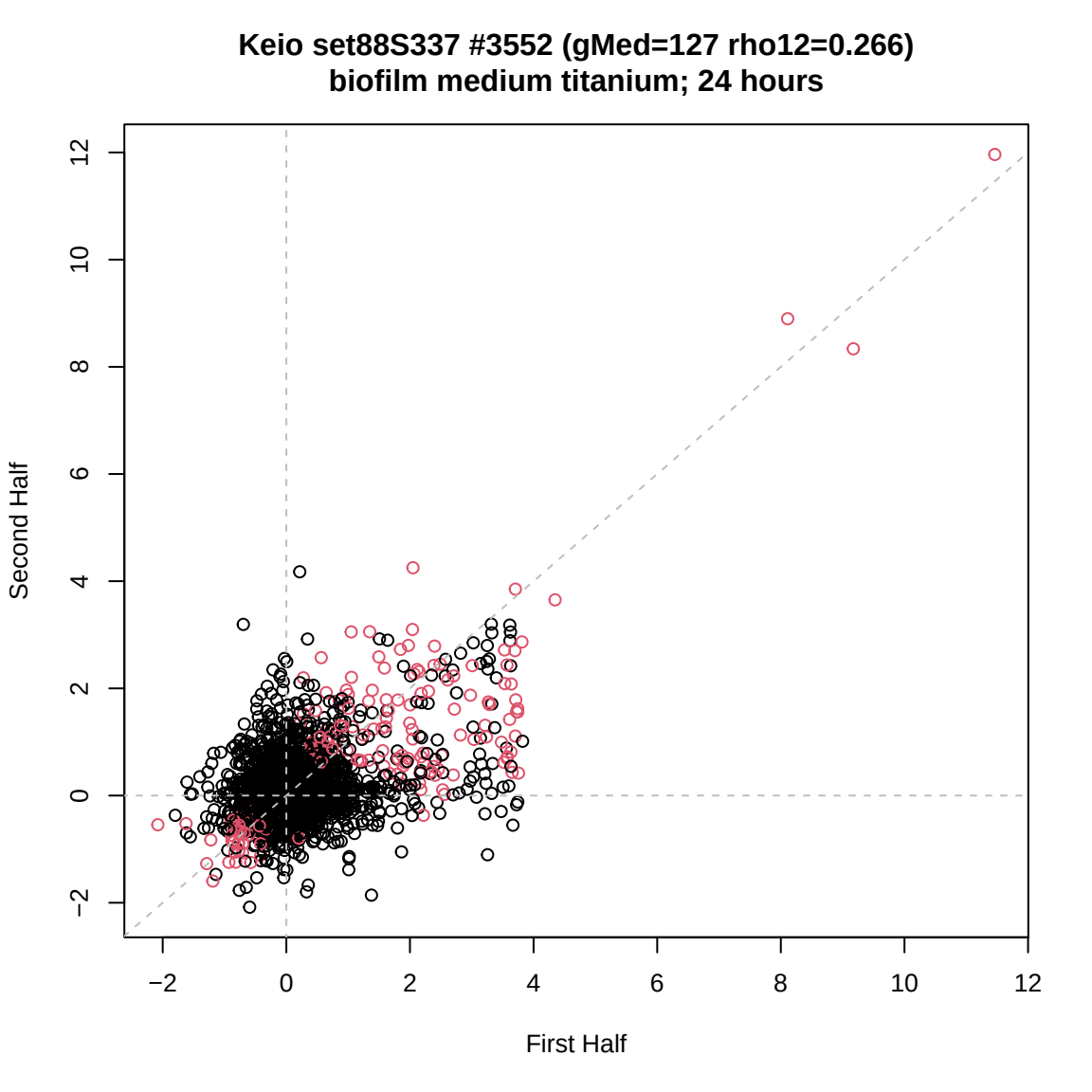

Keio set88S300 #3547 (gMed=250 rho12=0.079)
biofilm PDMS; 8 hours
Second Half
First Half
4
2
0
−2
−2
0
2
4

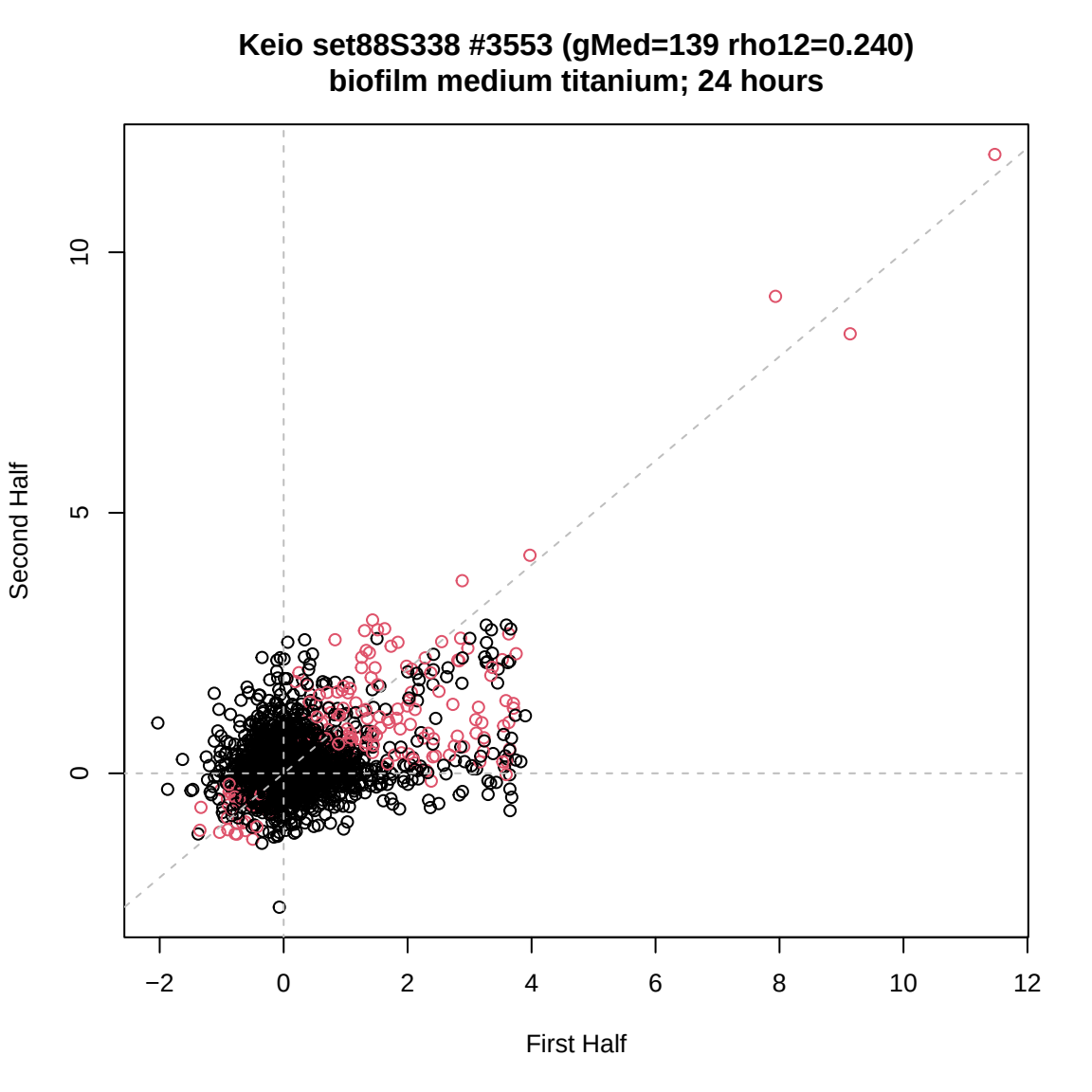

Keio set88S301 #3548 (gMed=308 rho12=0.199)
biofilm medium PDMS; 8 hours
Second Half
First Half
3
2
1
0
−1
−2
−1
0
1
2
3

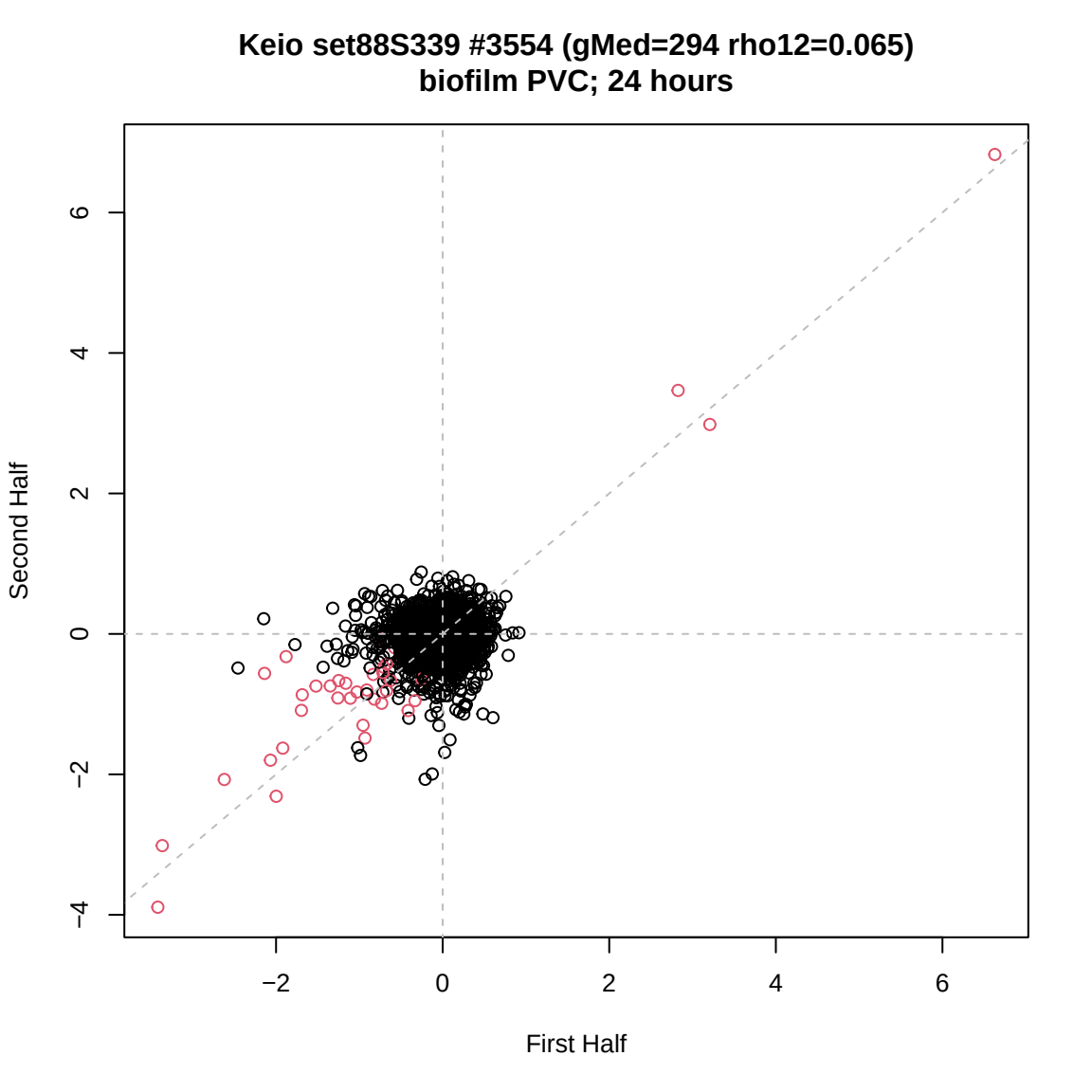

Keio set88S302 #3549 (gMed=326 rho12=0.218)
biofilm medium PDMS; 8 hours
Second Half
First Half
3
2
1
0
−1
−2
−1
0
1
2

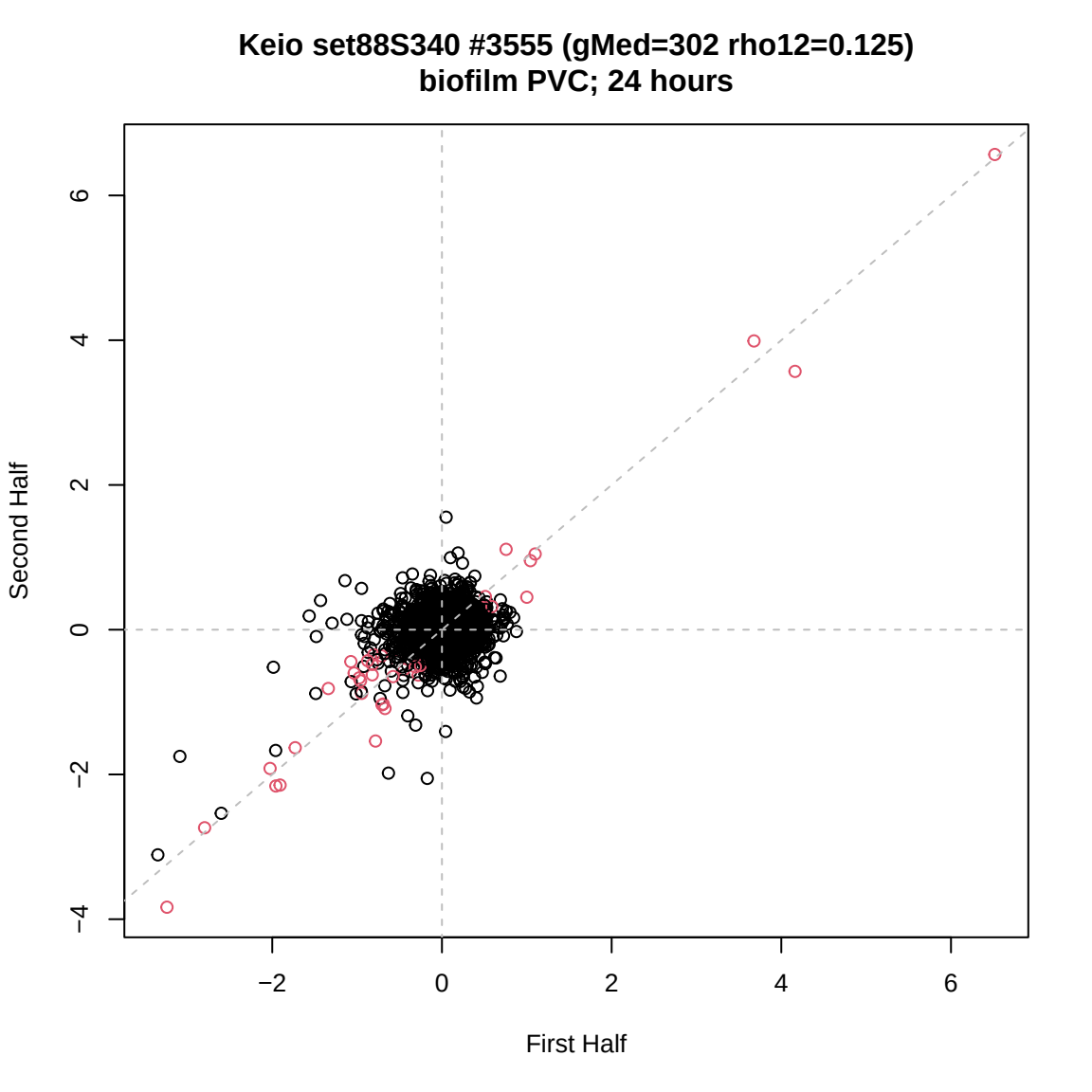

Keio set88S335 #3550 (gMed=269 rho12=0.160)
biofilm titanium; 24 hours
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

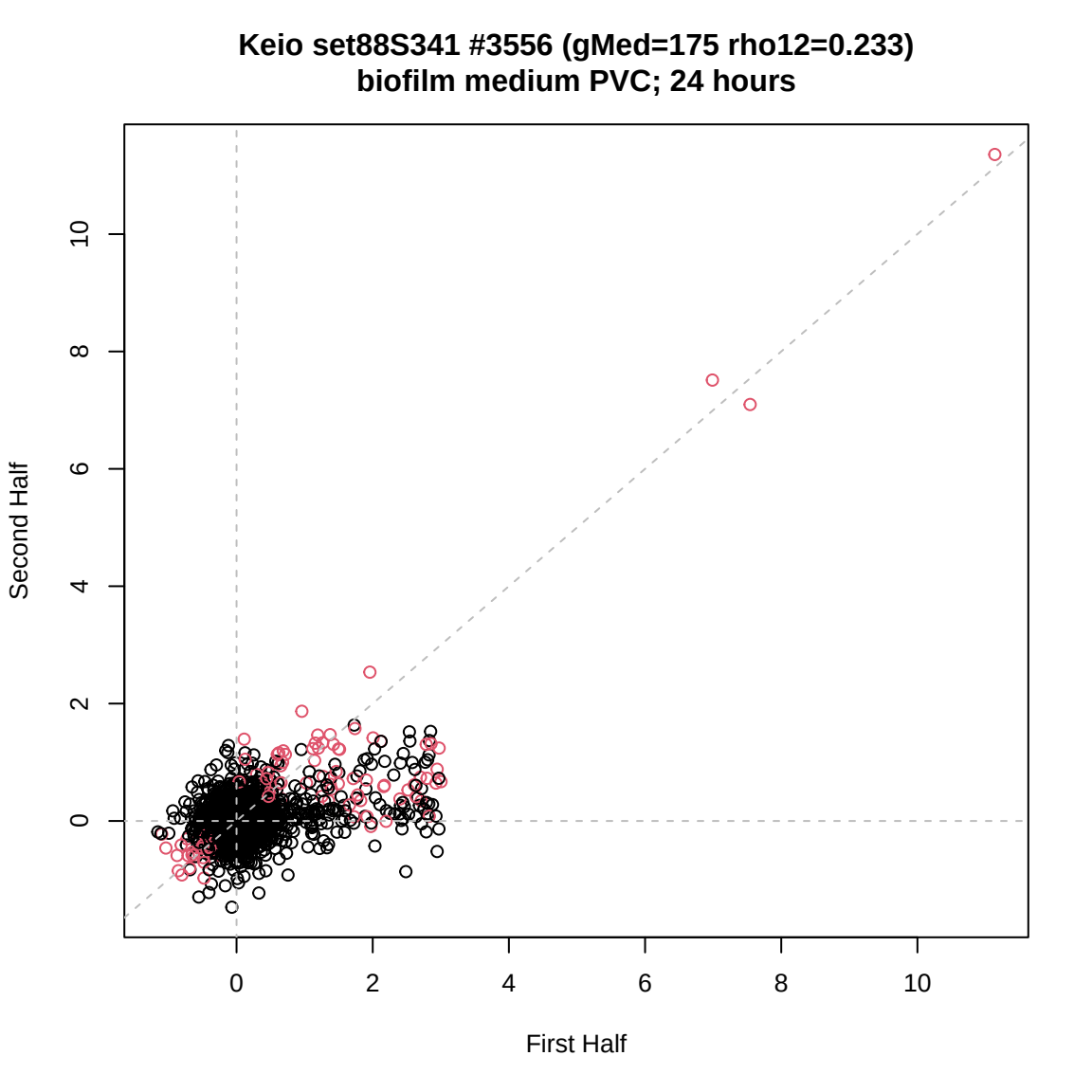

Keio set88S336 #3551 (gMed=195 rho12=0.130)
biofilm titanium; 24 hours
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

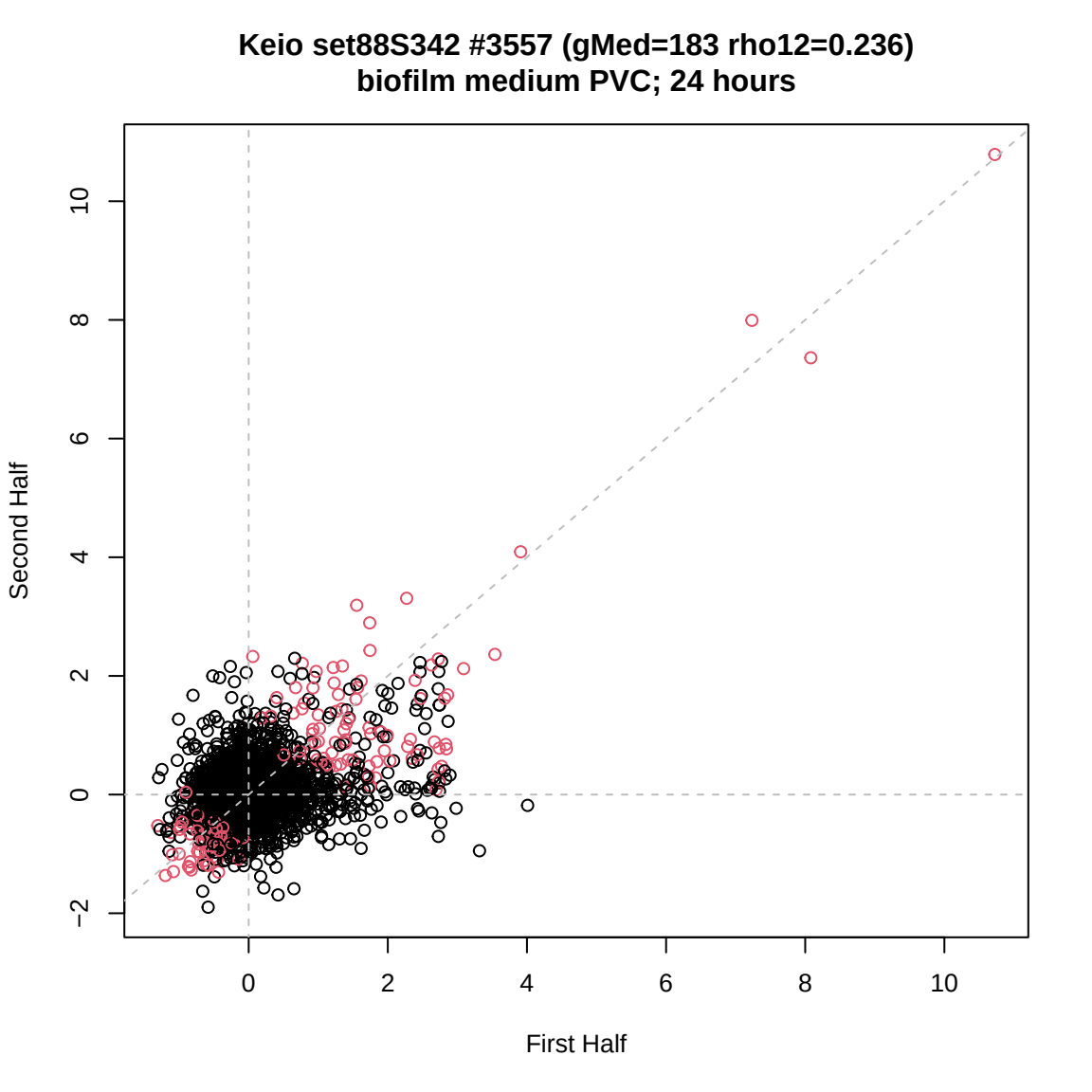

Keio set88S337 #3552 (gMed=127 rho12=0.266)
biofilm medium titanium; 24 hours
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10
12

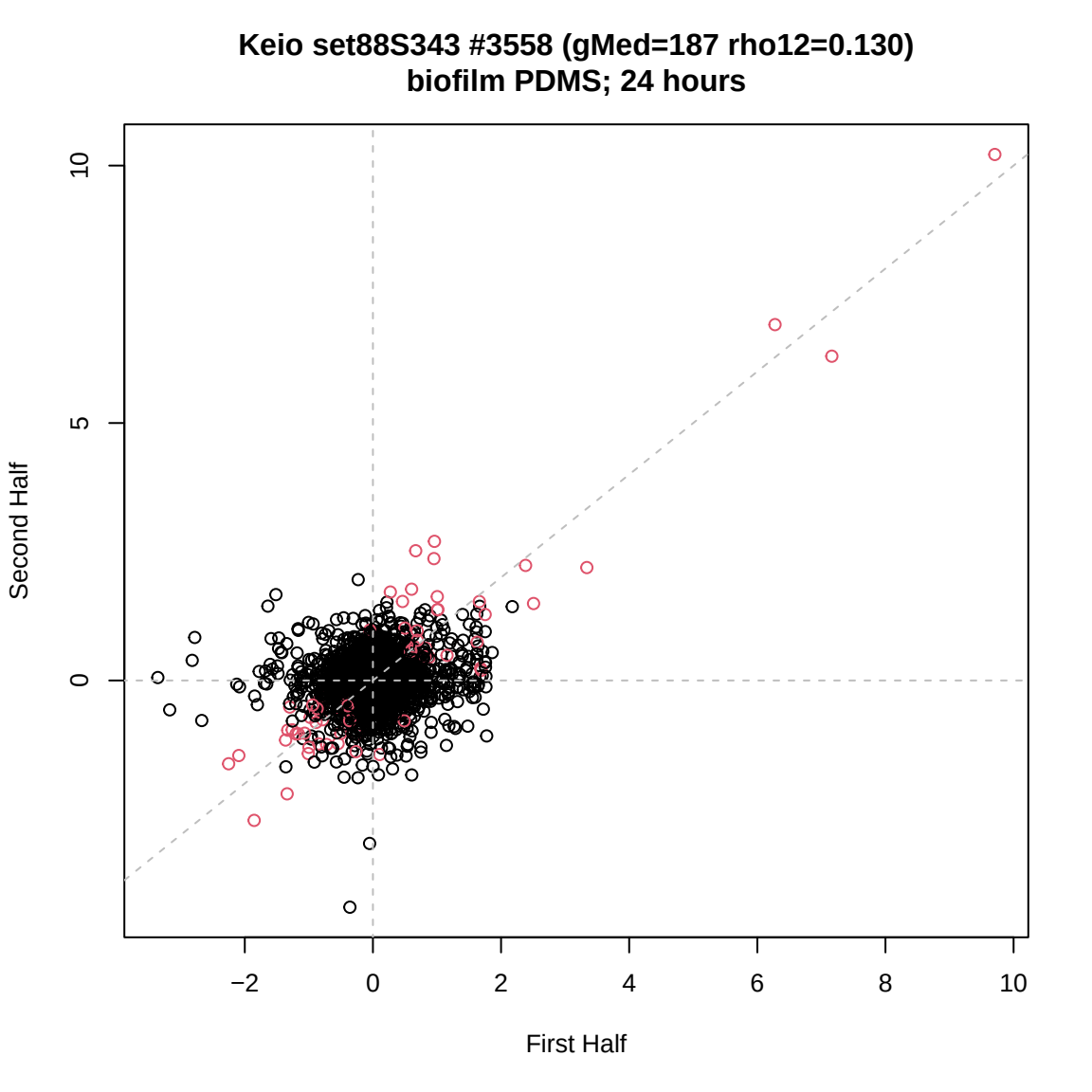

Keio set88S338 #3553 (gMed=139 rho12=0.240)
biofilm medium titanium; 24 hours
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10
12

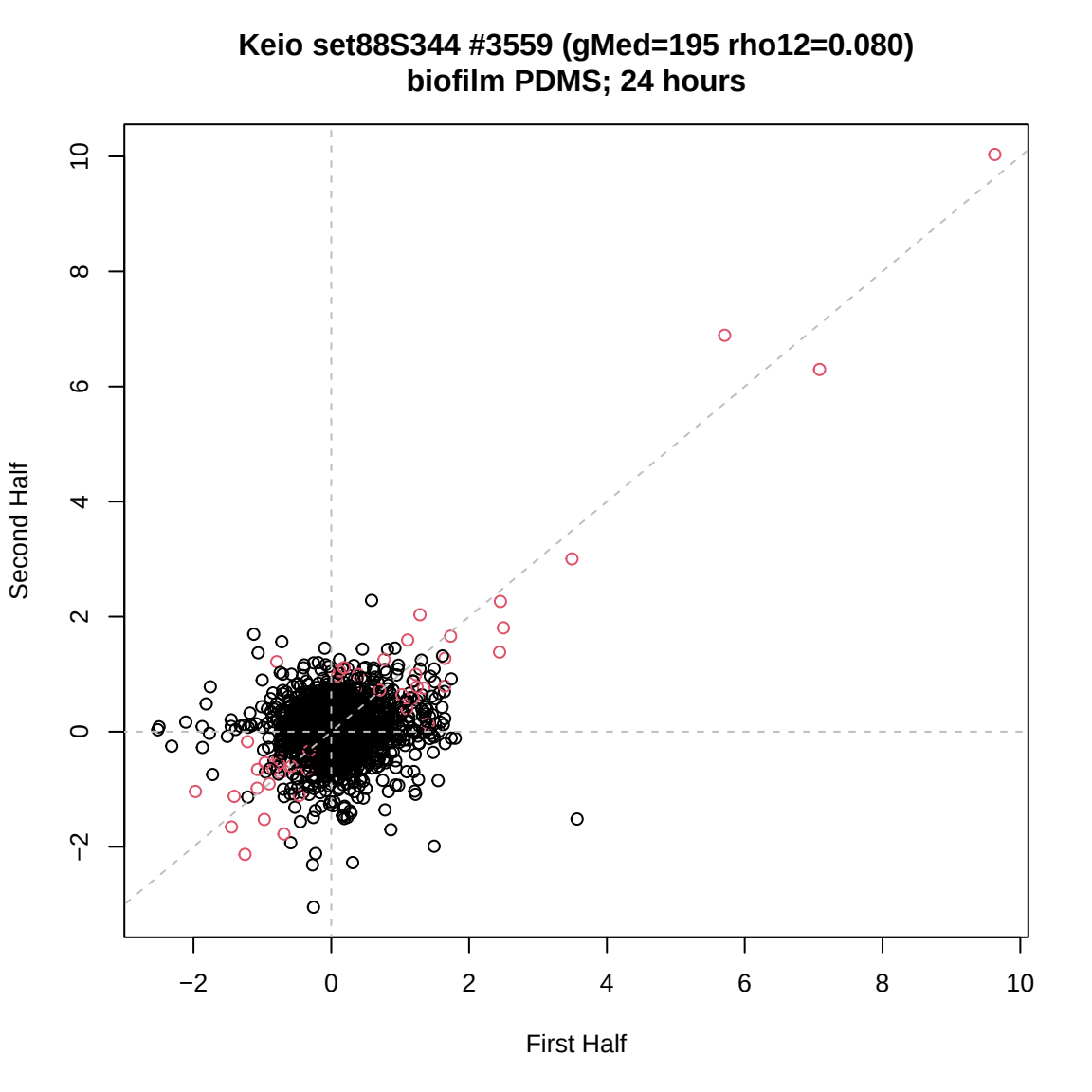

Keio set88S339 #3554 (gMed=294 rho12=0.065)
biofilm PVC; 24 hours
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

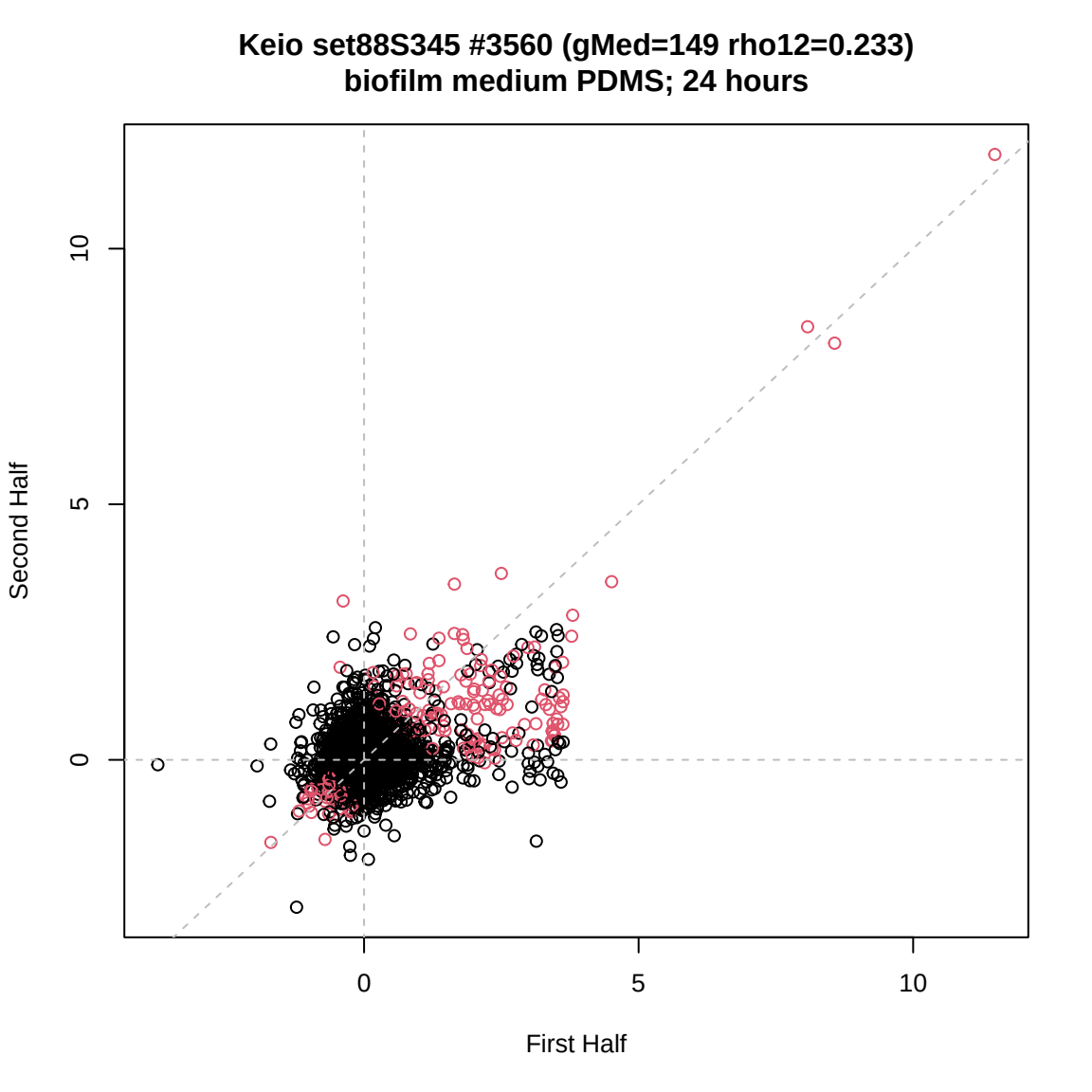

Keio set88S340 #3555 (gMed=302 rho12=0.125)
biofilm PVC; 24 hours
Second Half
First Half
6
4
2
0
−2
−4
−2
0
2
4
6

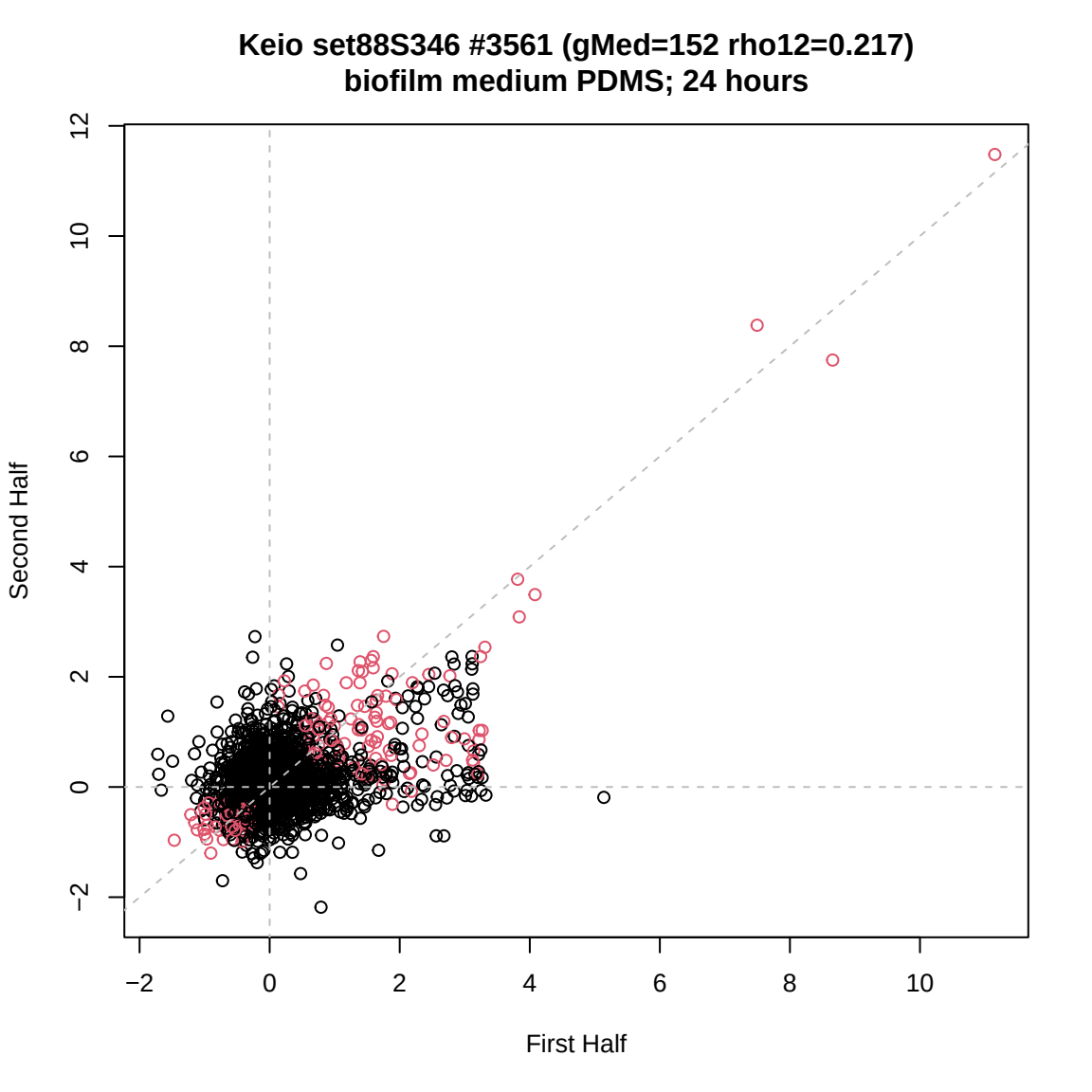

Keio set88S341 #3556 (gMed=175 rho12=0.233)
biofilm medium PVC; 24 hours
Second Half
First Half
0
2
4
6
8
10


Keio set88S342 #3557 (gMed=183 rho12=0.236)
biofilm medium PVC; 24 hours
Second Half
First Half
−2
0
2
4
6
8
10
0
2
4
6
8
10


Keio set88S343 #3558 (gMed=187 rho12=0.130)
biofilm PDMS; 24 hours
Second Half
First Half
10
5
0
−2
0
2
4
6
8
10


Keio set88S344 #3559 (gMed=195 rho12=0.080)
biofilm PDMS; 24 hours
Second Half
First Half
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10


Keio set88S345 #3560 (gMed=149 rho12=0.233)
biofilm medium PDMS; 24 hours
Second Half
First Half
0
5
10
0
5
10


Keio set88S346 #3561 (gMed=152 rho12=0.217)
biofilm medium PDMS; 24 hours
Second Half
First Half
12
10
8
6
4
2
0
−2
−2
0
2
4
6
8
10