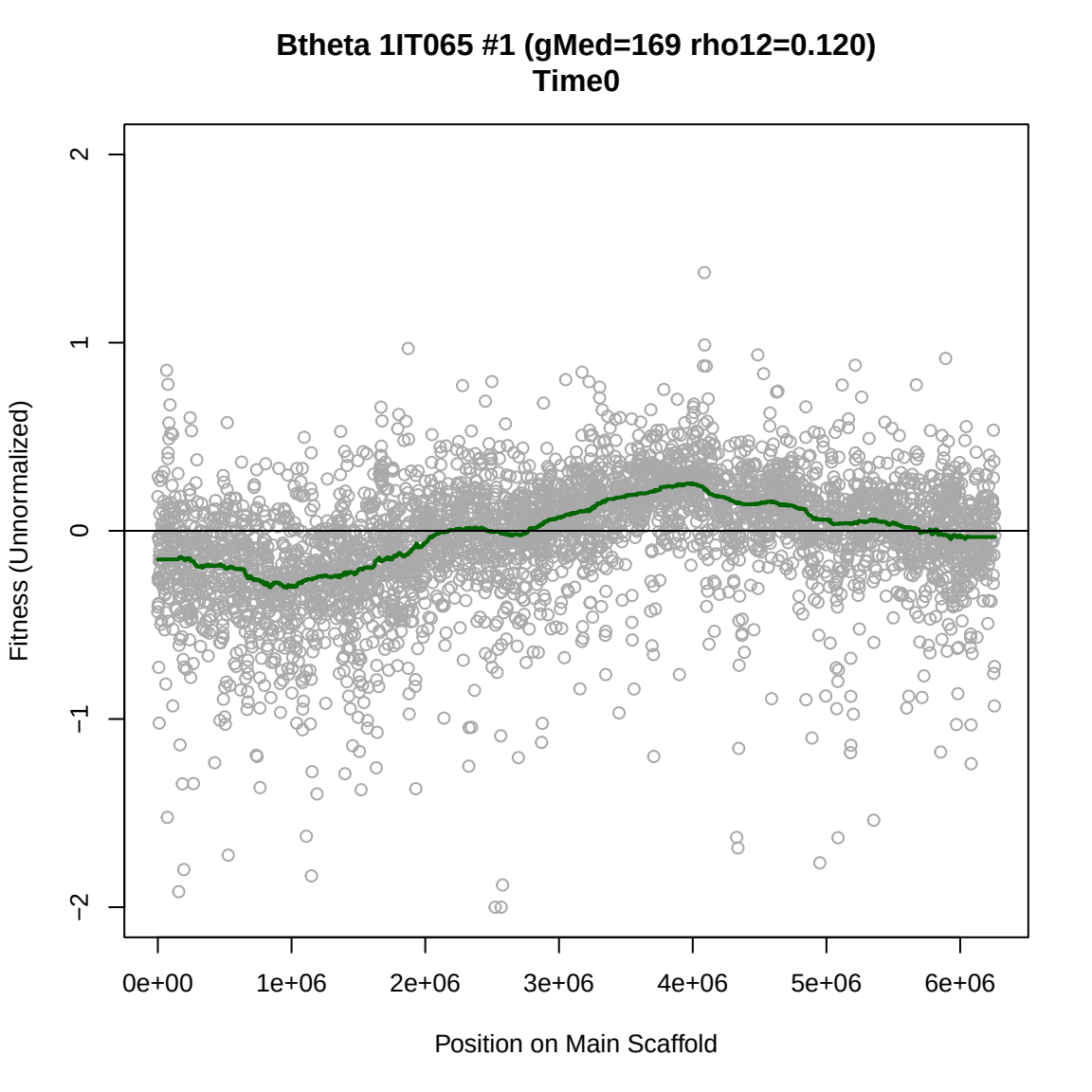
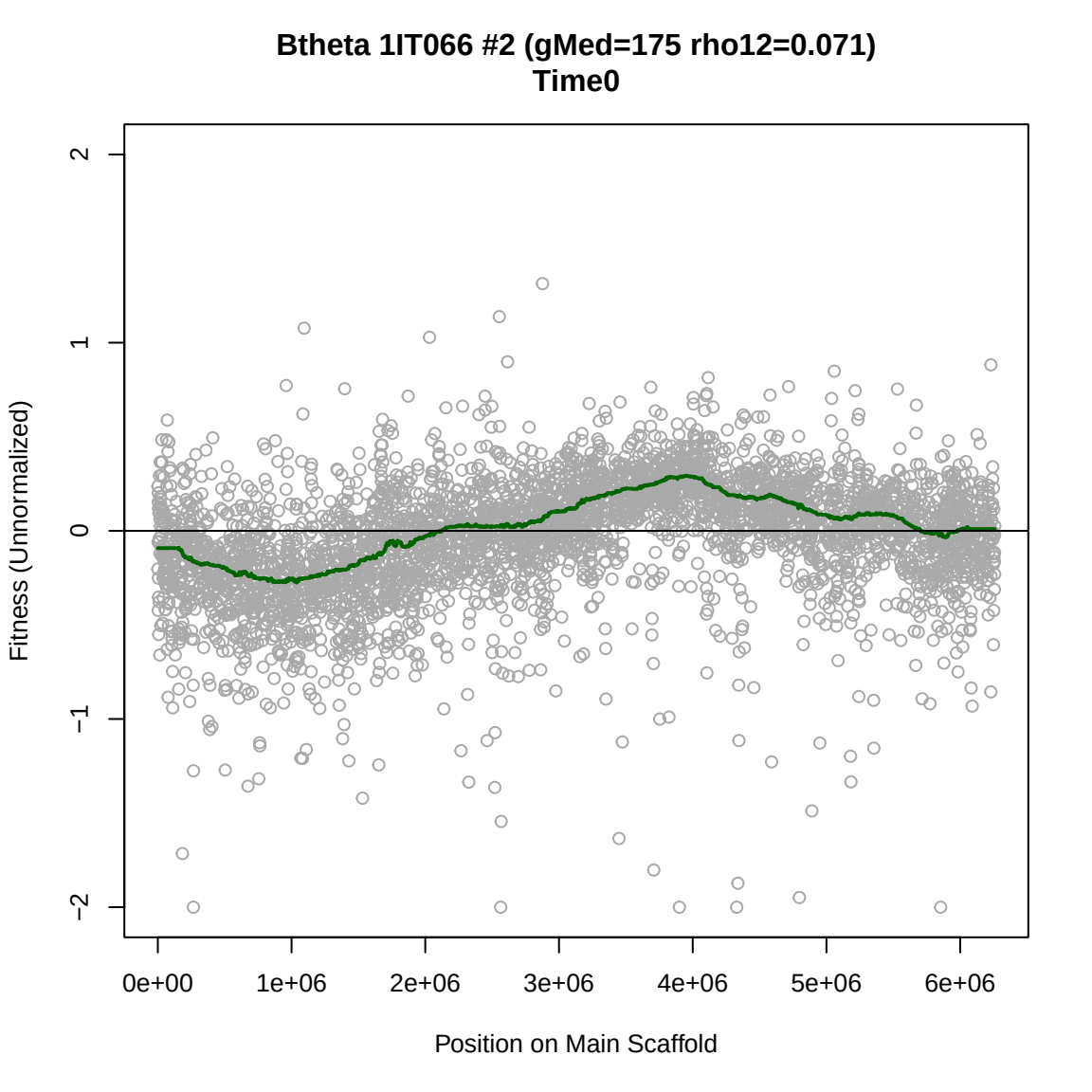
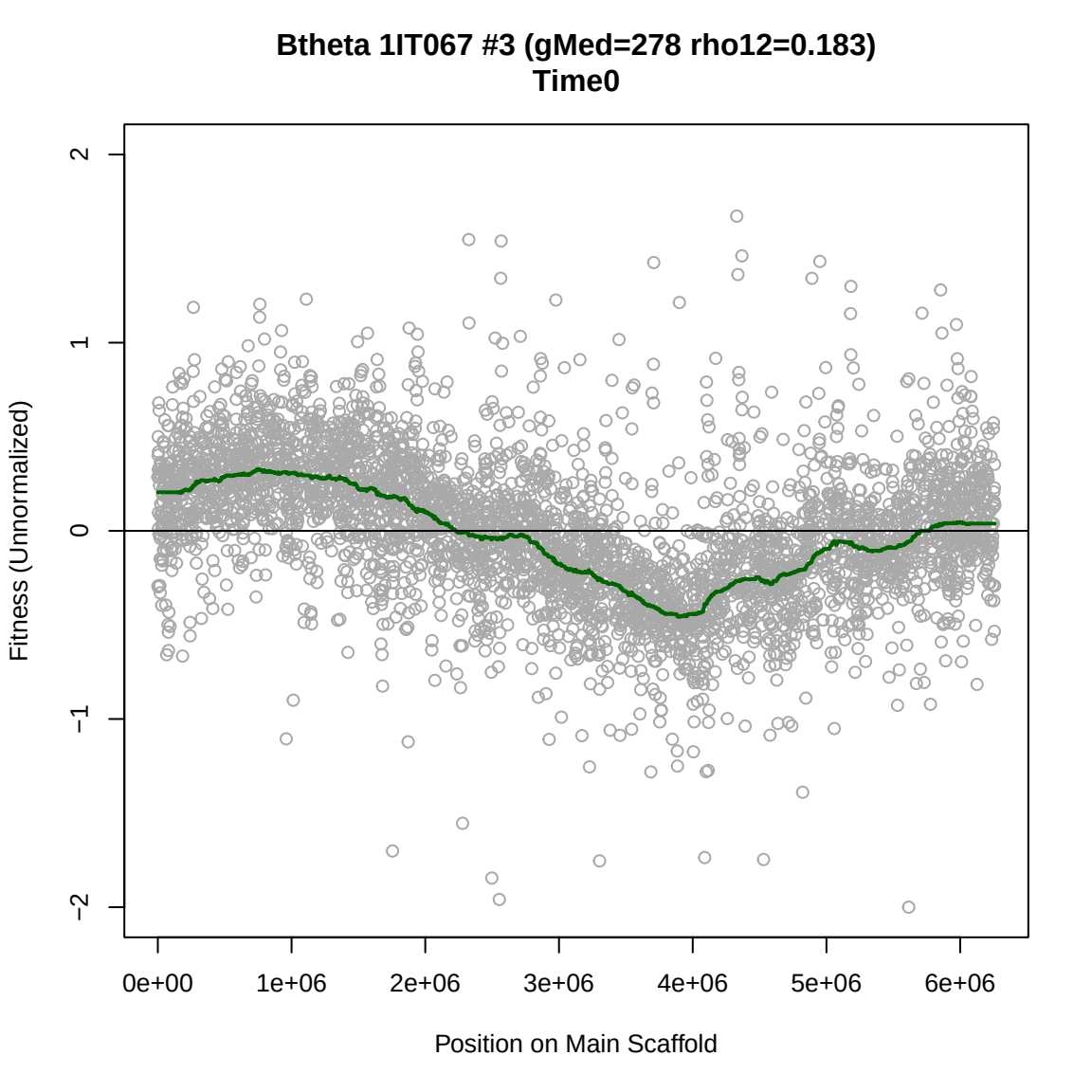
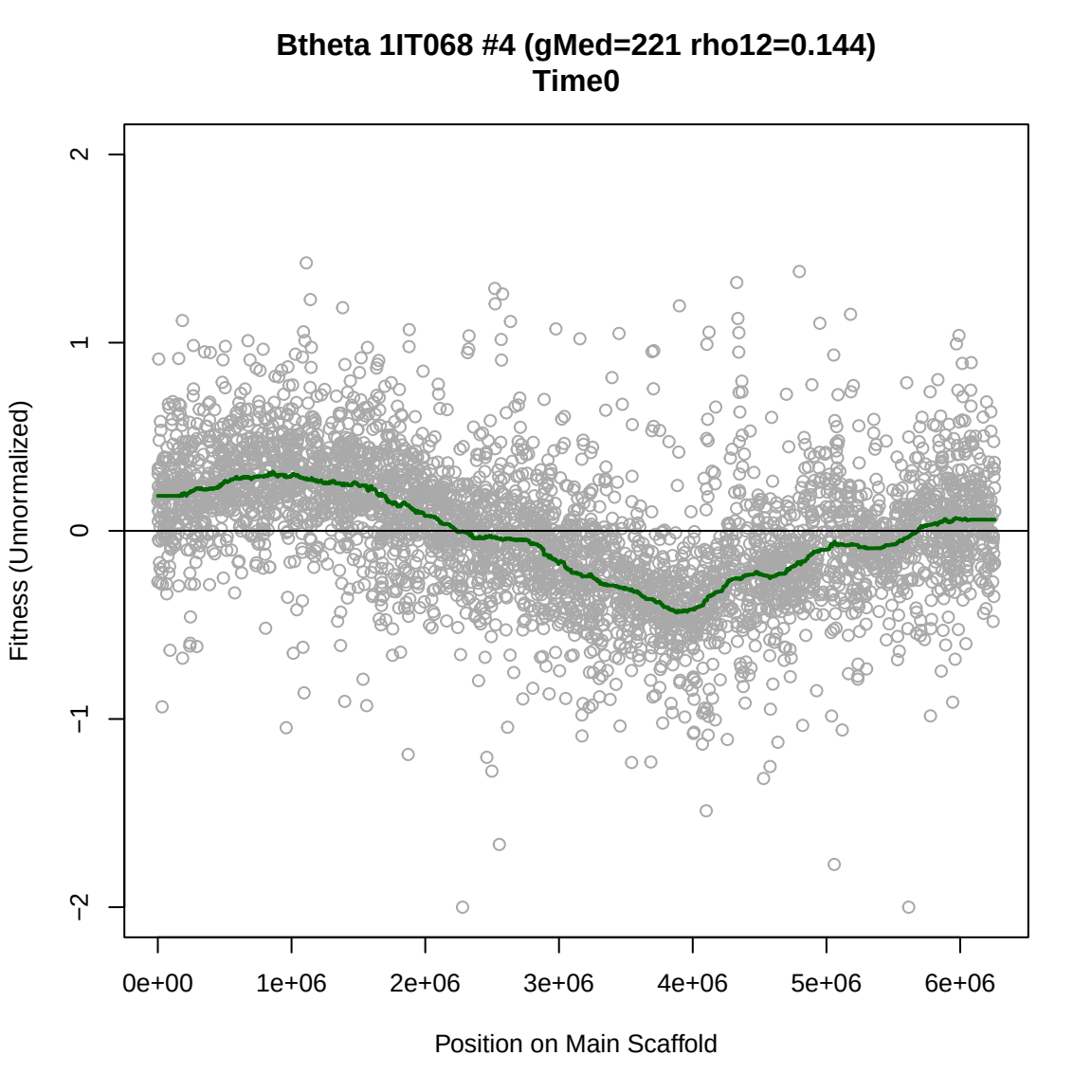
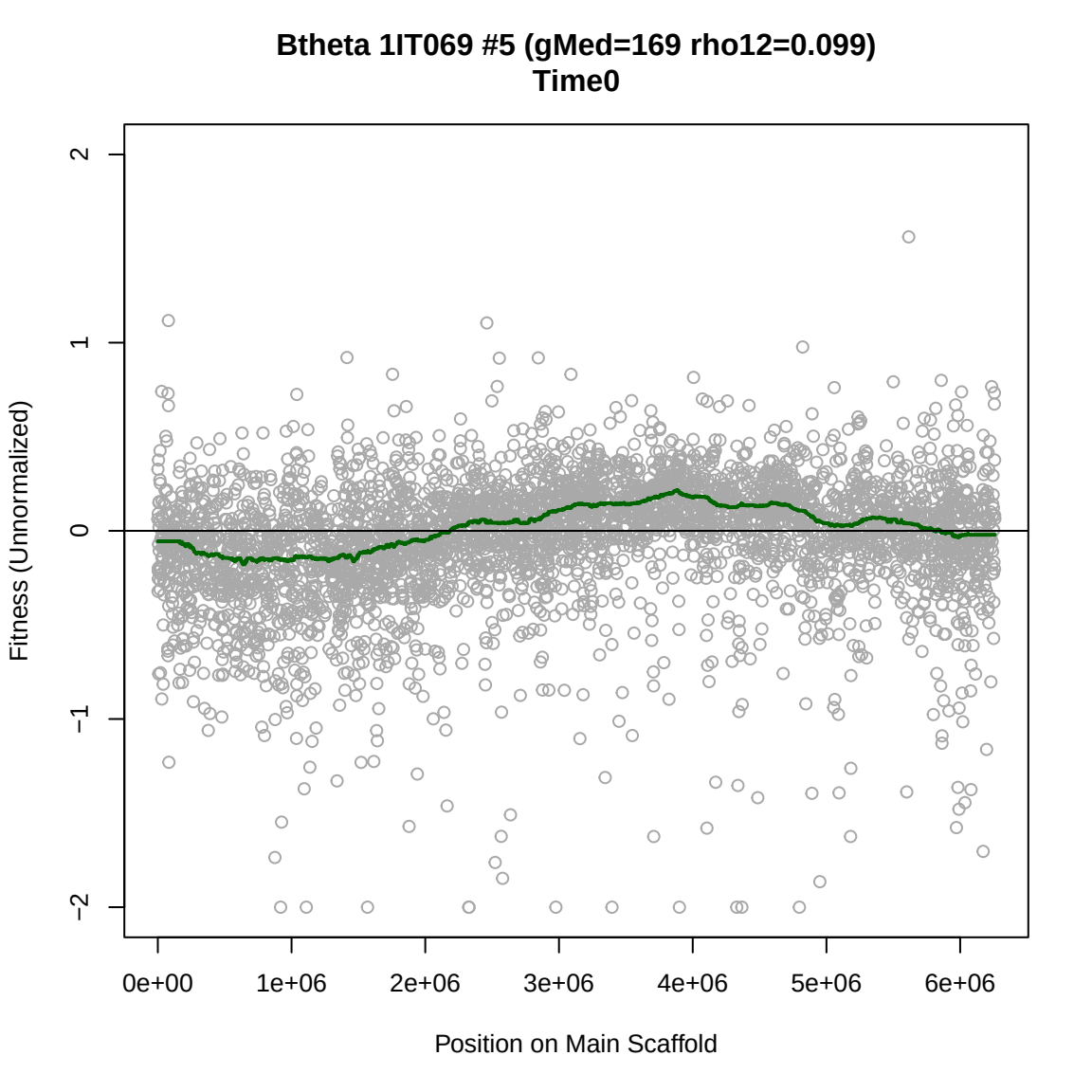
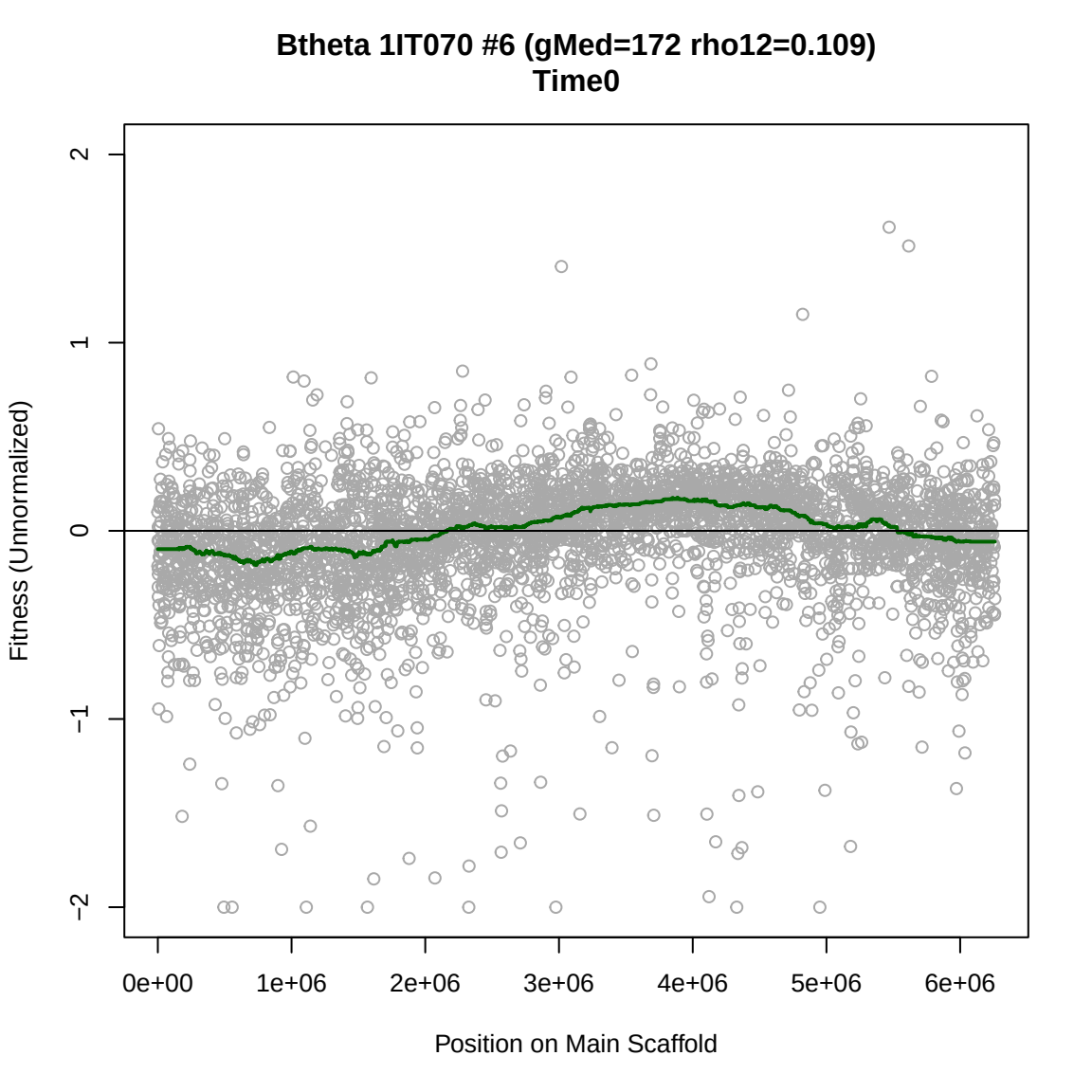

Btheta 1IT065 #1 (gMed=169 rho12=0.120)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

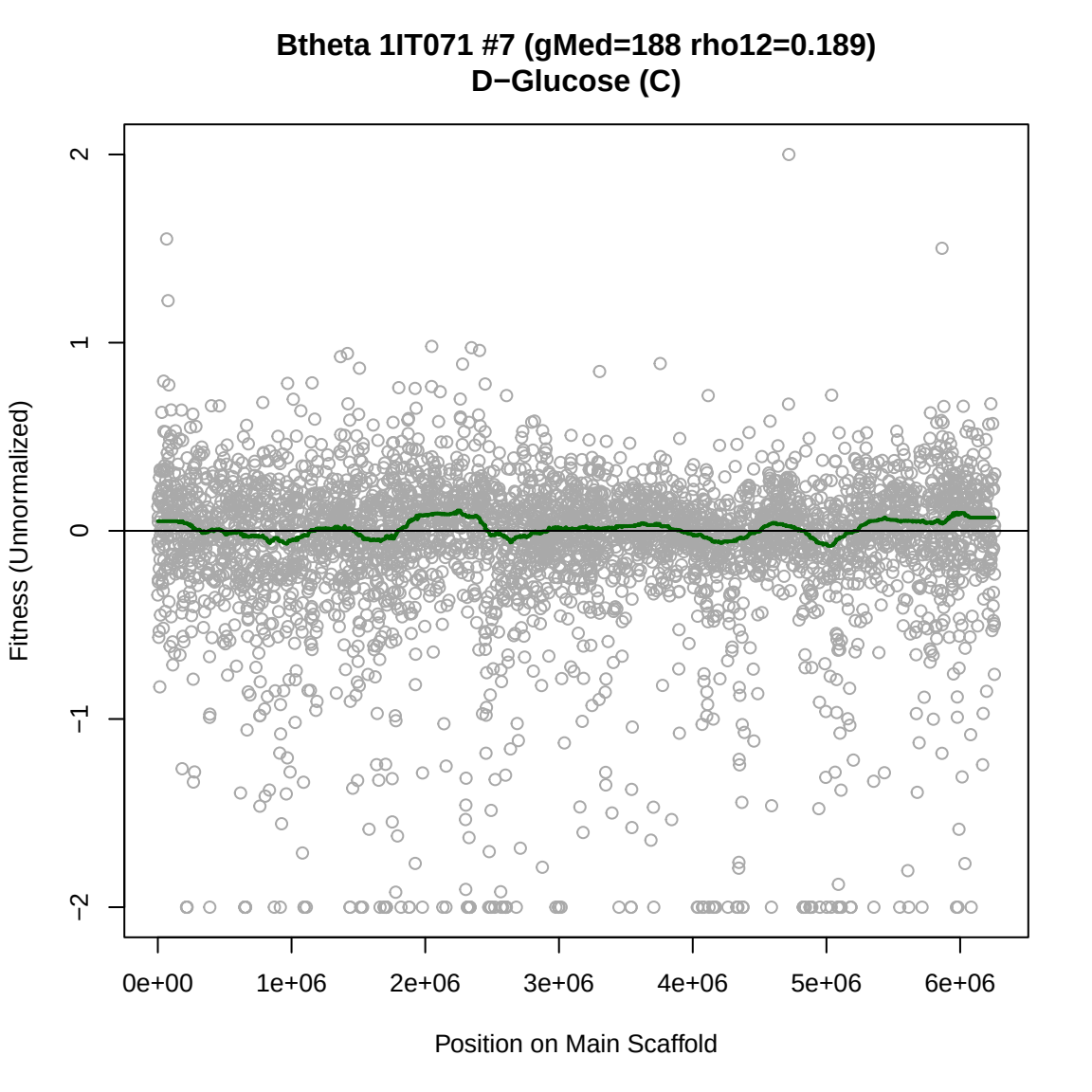

Btheta 1IT066 #2 (gMed=175 rho12=0.071)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

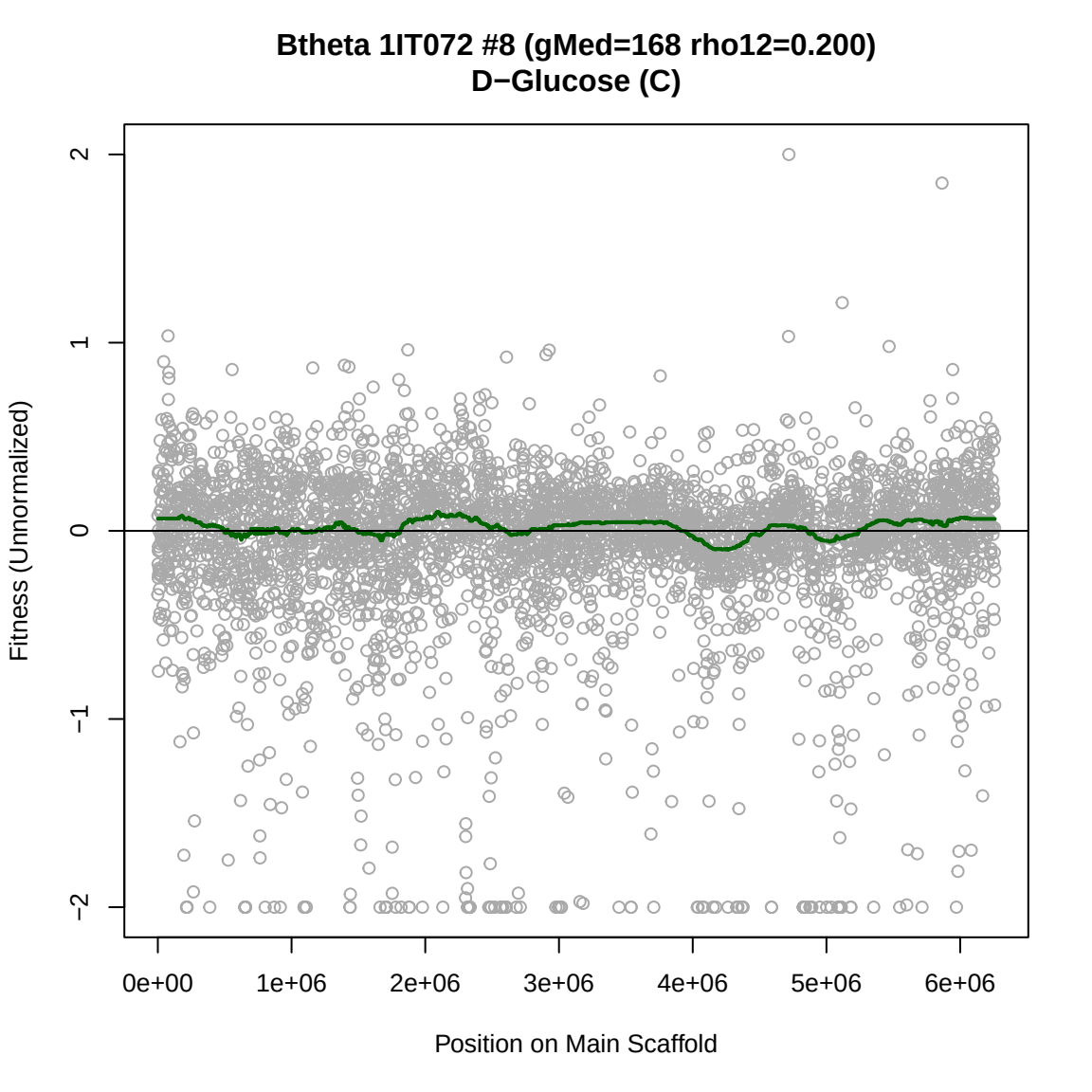

Btheta 1IT067 #3 (gMed=278 rho12=0.183)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

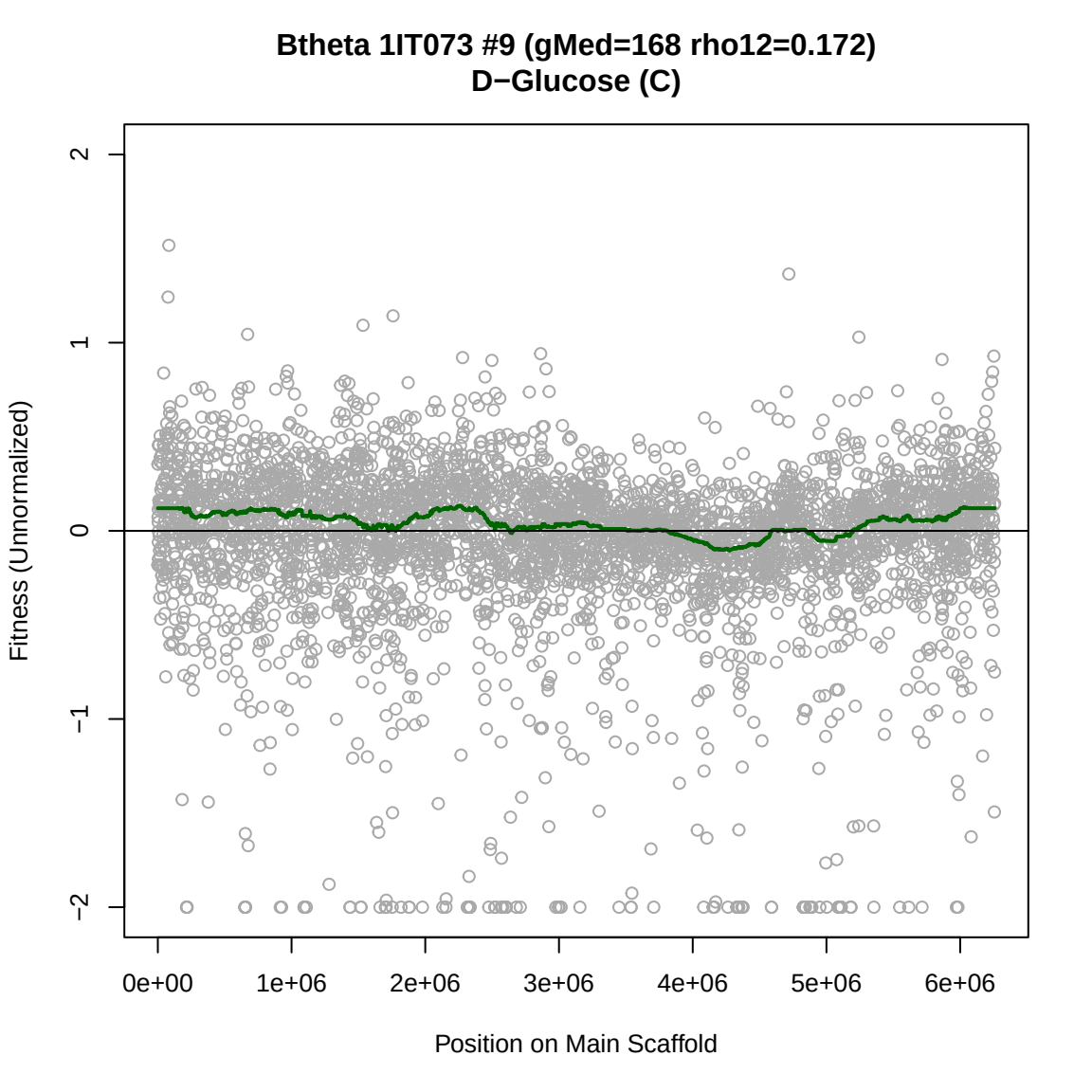

Btheta 1IT068 #4 (gMed=221 rho12=0.144)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

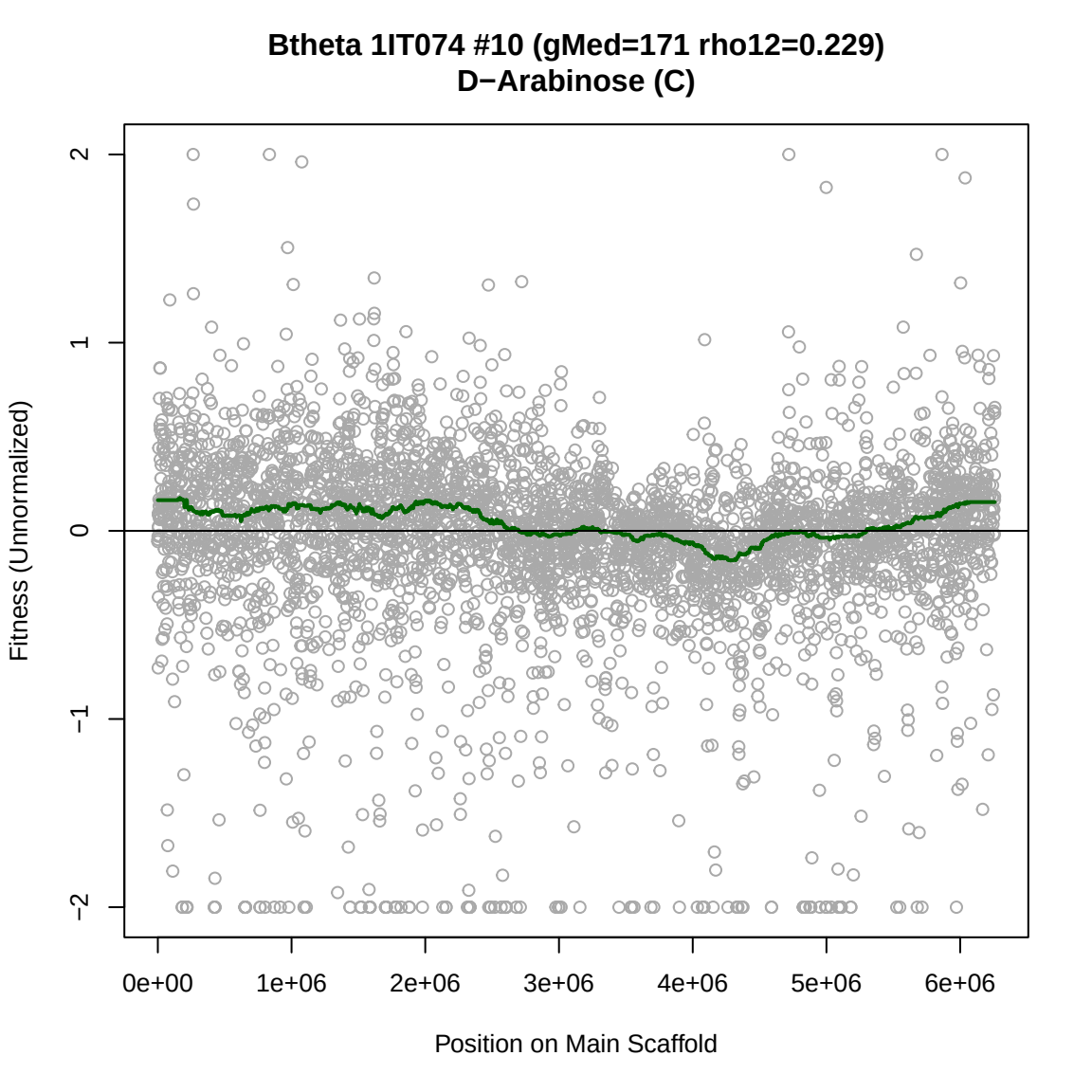

Btheta 1IT069 #5 (gMed=169 rho12=0.099)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

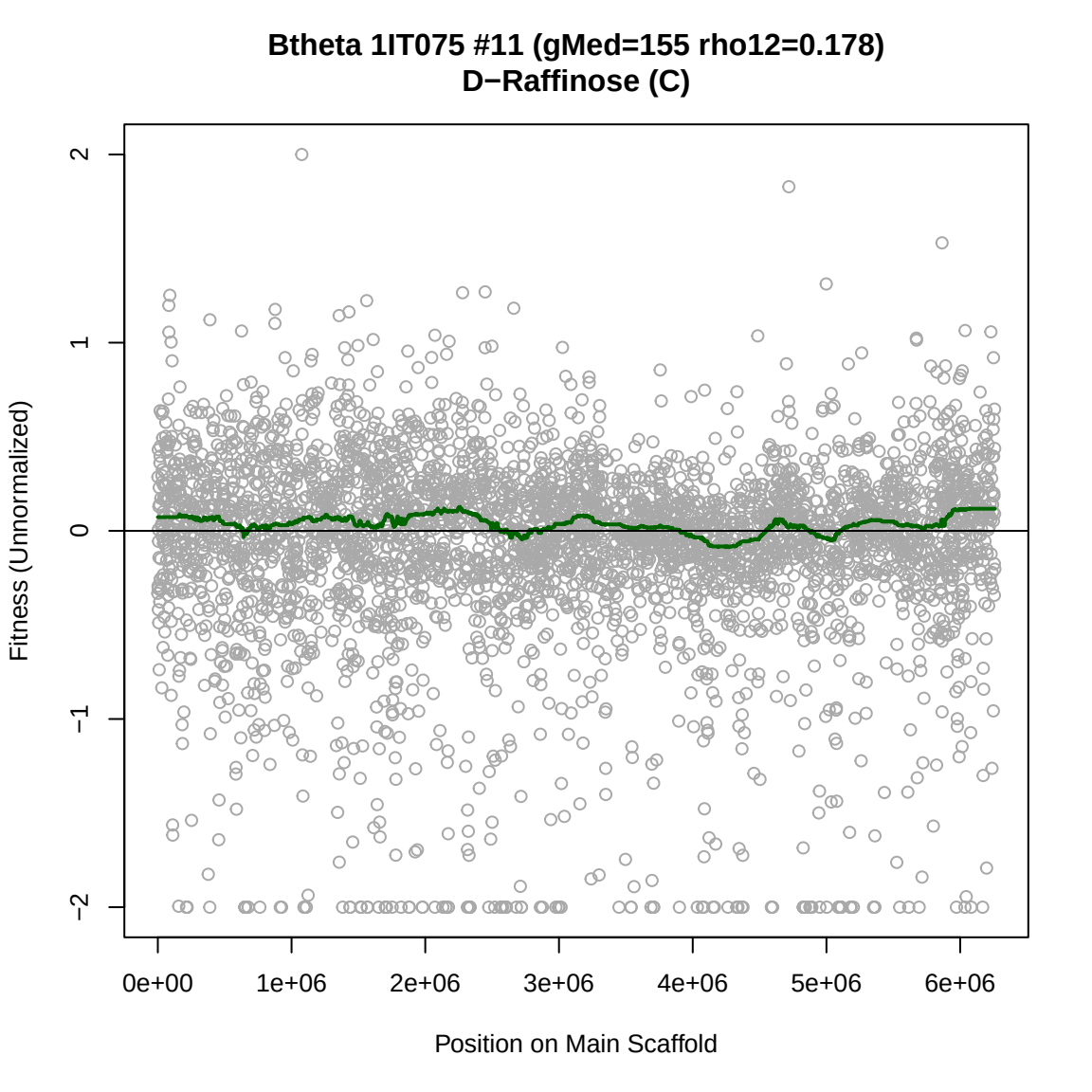

Btheta 1IT070 #6 (gMed=172 rho12=0.109)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

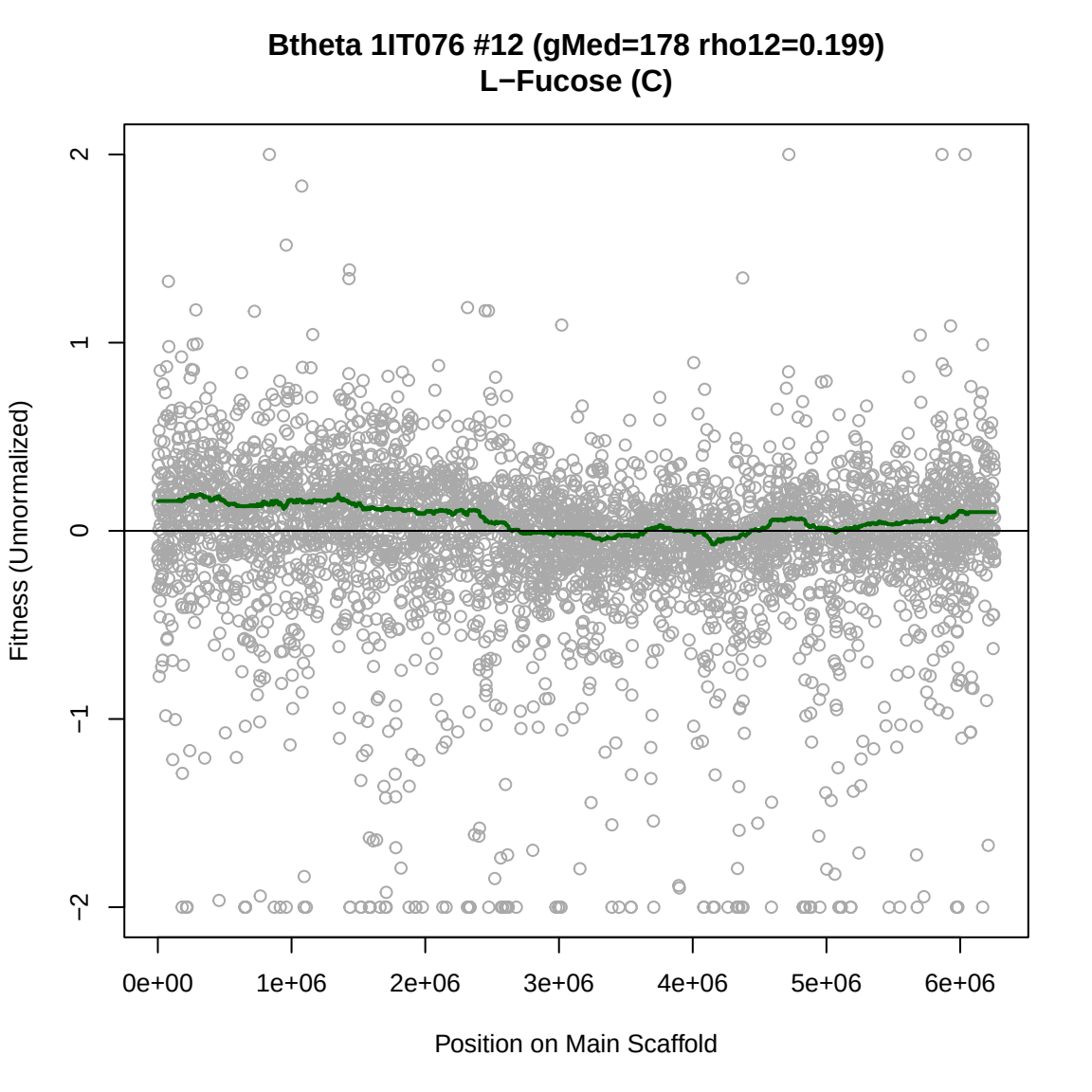

Btheta 1IT071 #7 (gMed=188 rho12=0.189)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

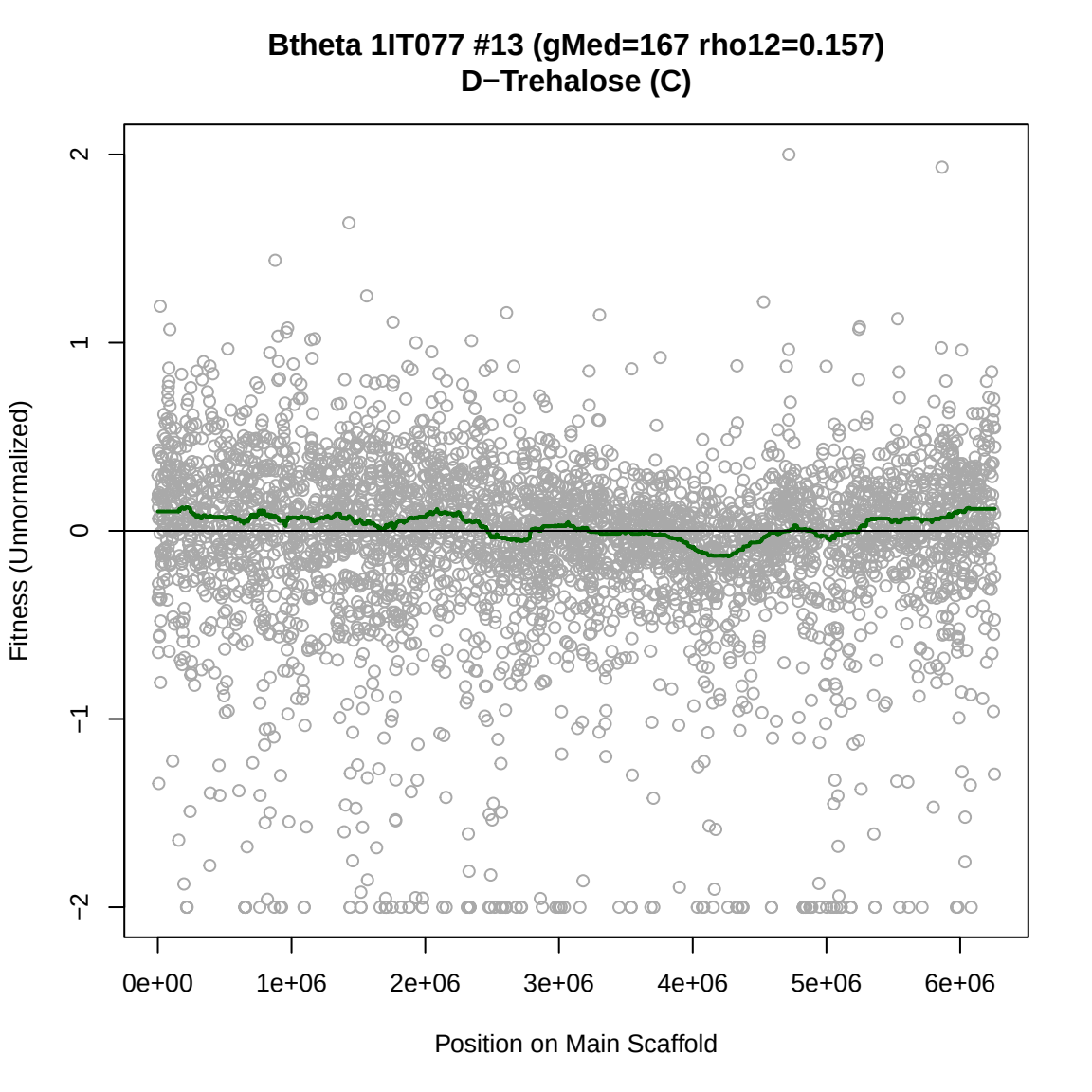

Btheta 1IT072 #8 (gMed=168 rho12=0.200)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

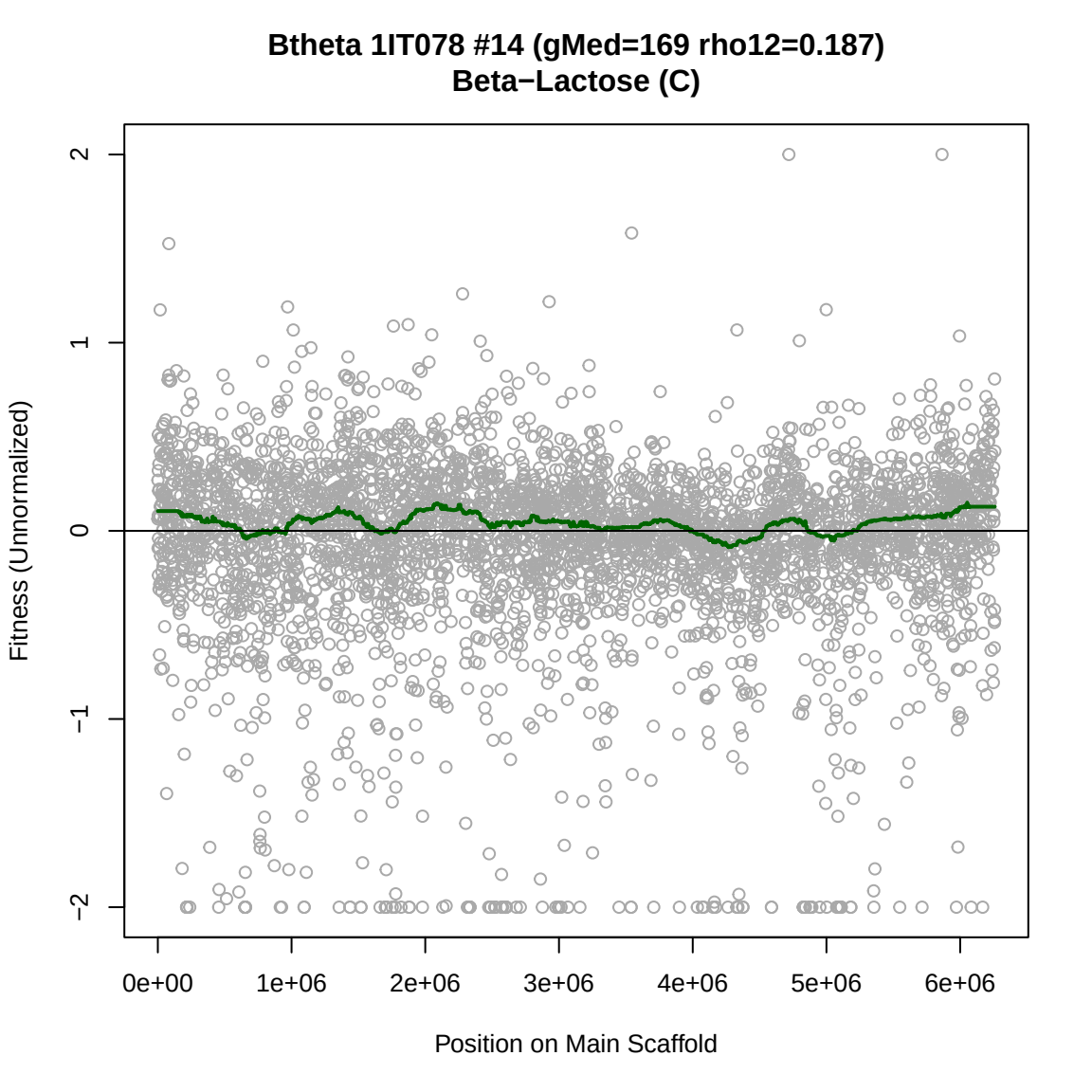

Btheta 1IT073 #9 (gMed=168 rho12=0.172)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

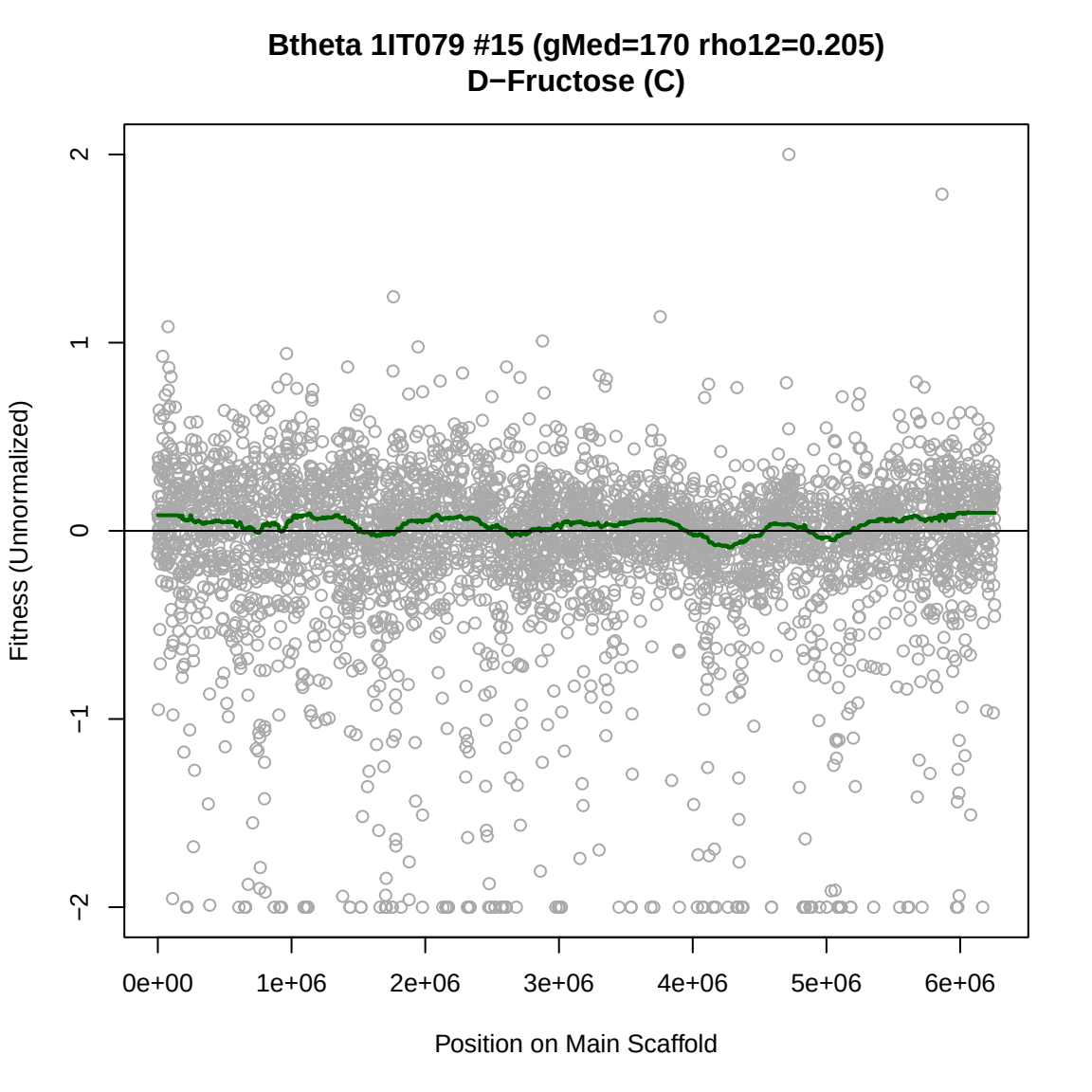

Btheta 1IT074 #10 (gMed=171 rho12=0.229)
D−Arabinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

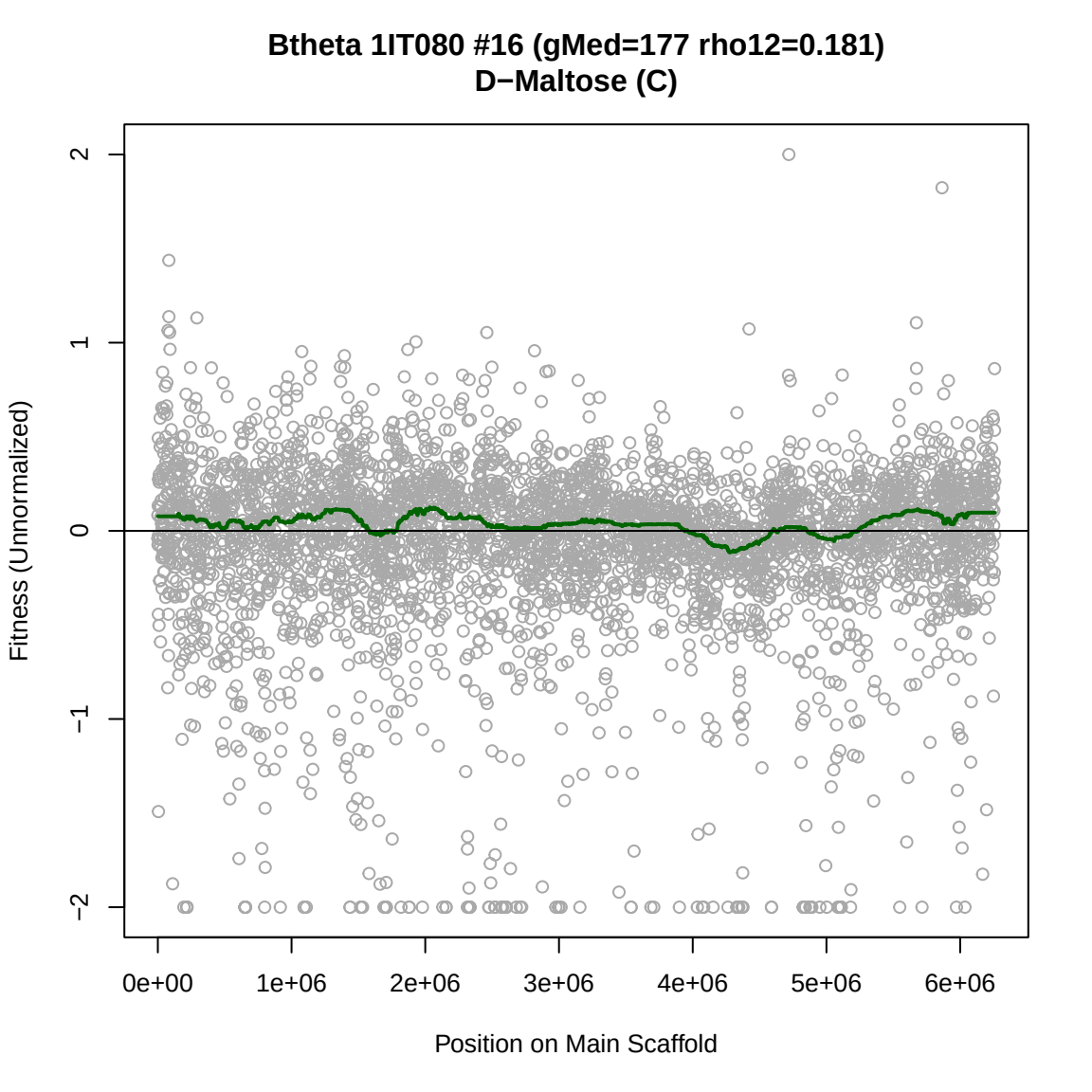

Btheta 1IT075 #11 (gMed=155 rho12=0.178)
D−Raffinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

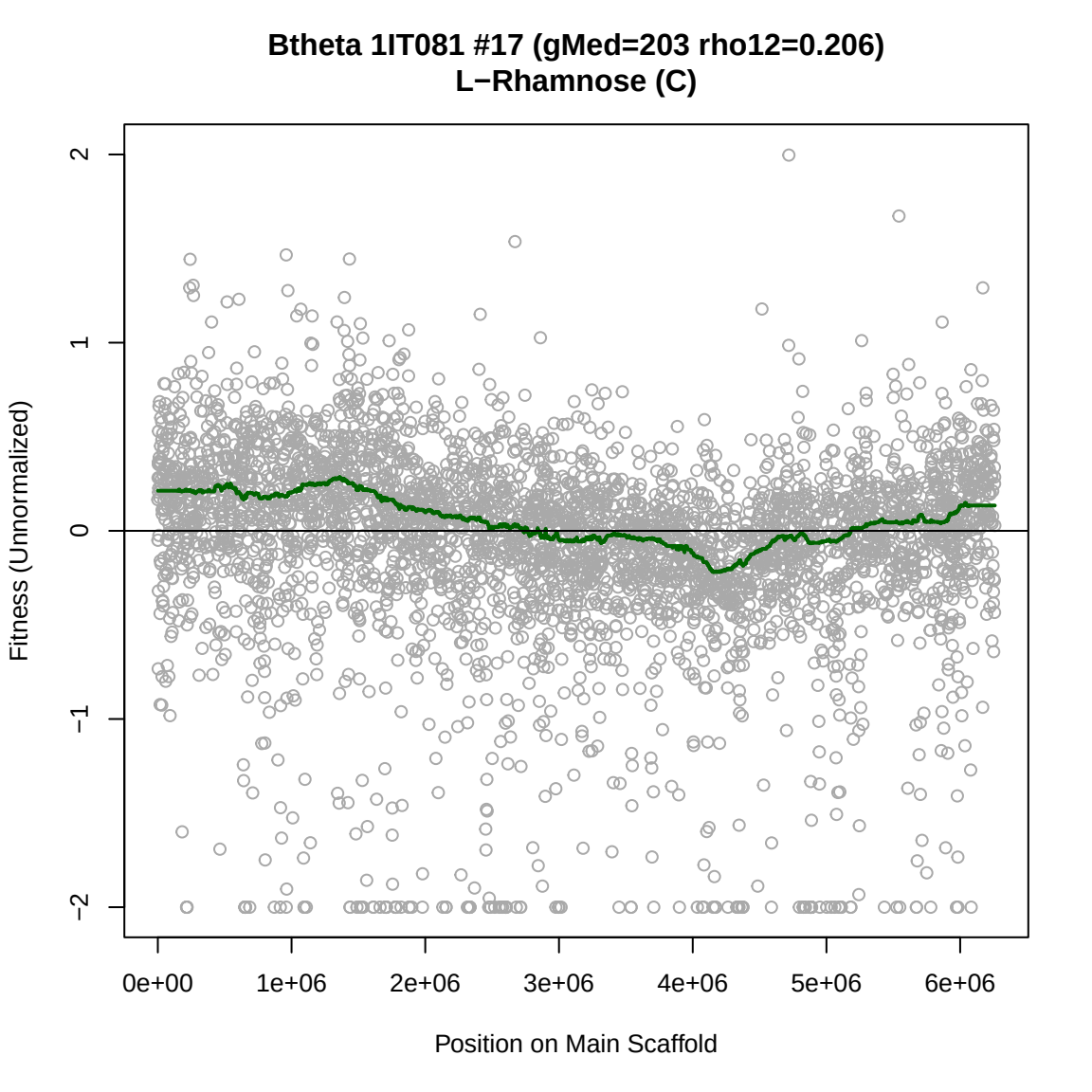

Btheta 1IT076 #12 (gMed=178 rho12=0.199)
L−Fucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

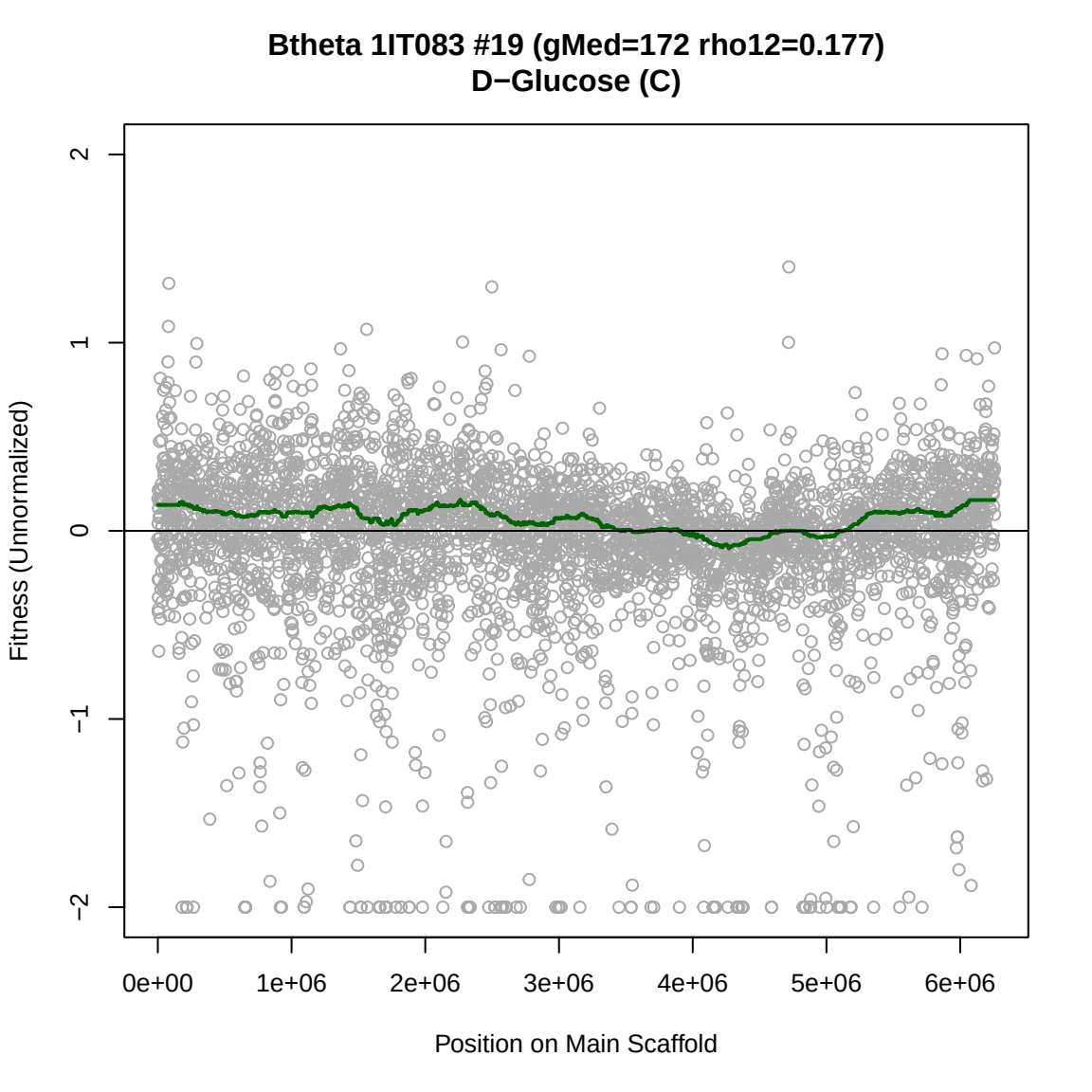

Btheta 1IT077 #13 (gMed=167 rho12=0.157)
D−Trehalose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

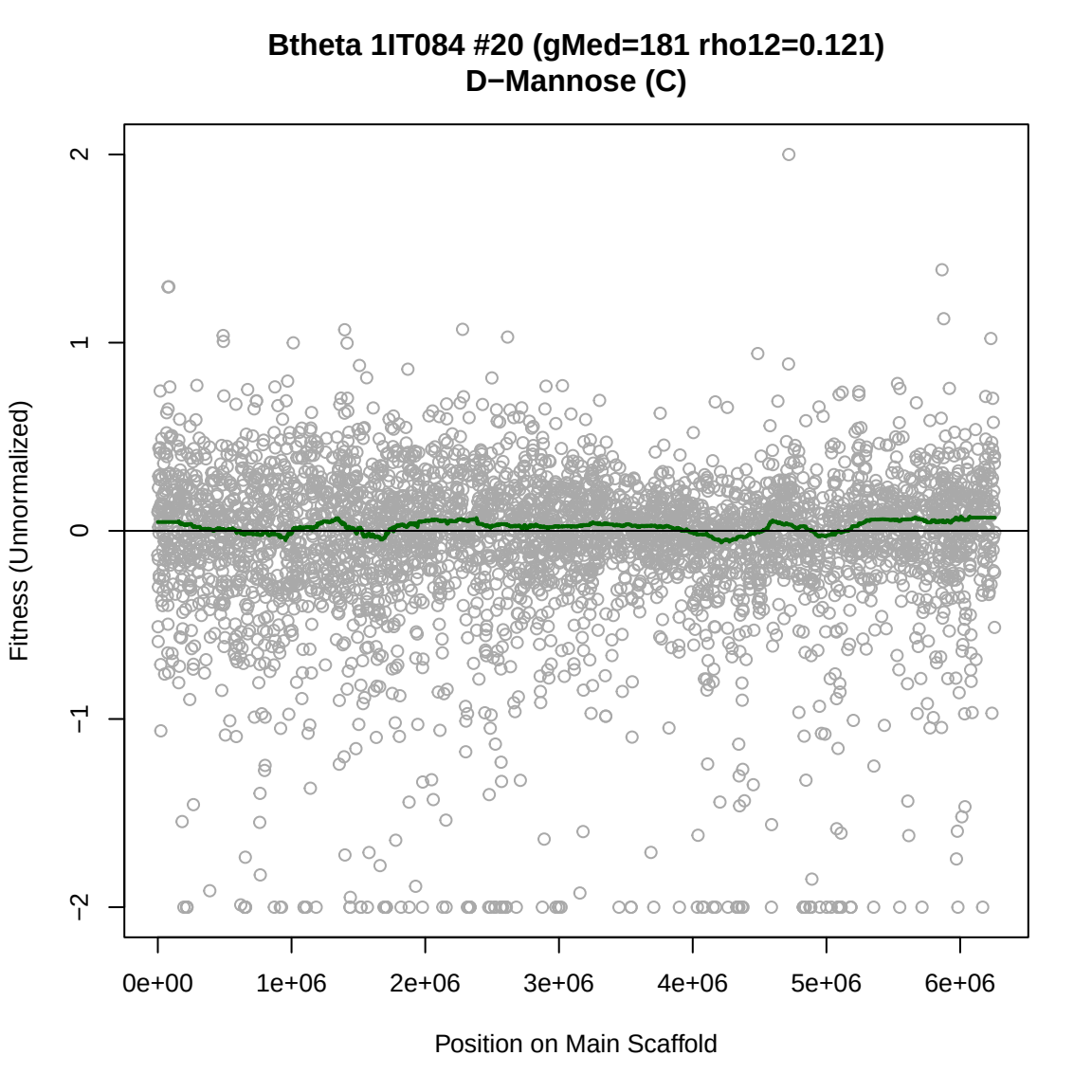

Btheta 1IT078 #14 (gMed=169 rho12=0.187)
Beta−Lactose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

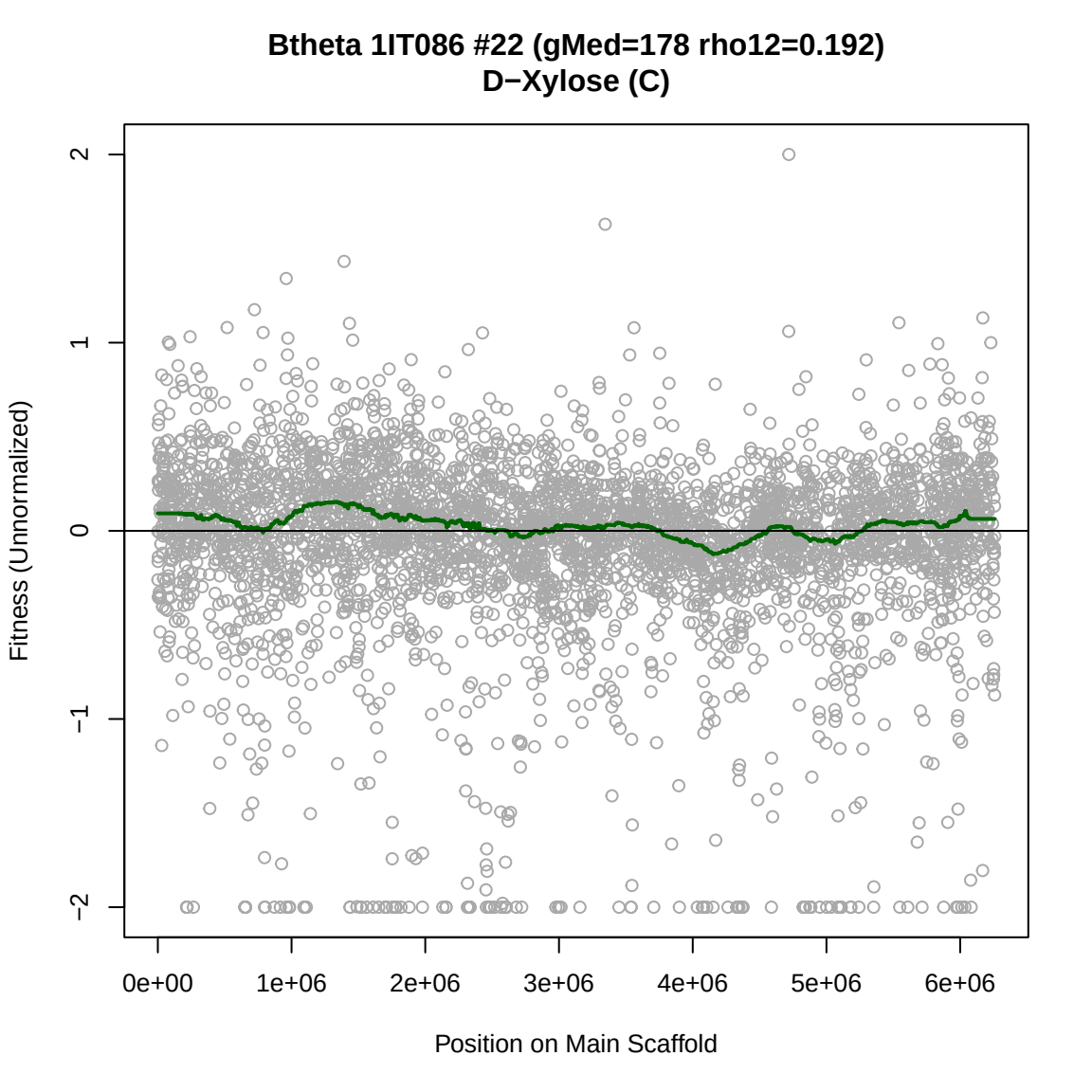

Btheta 1IT079 #15 (gMed=170 rho12=0.205)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

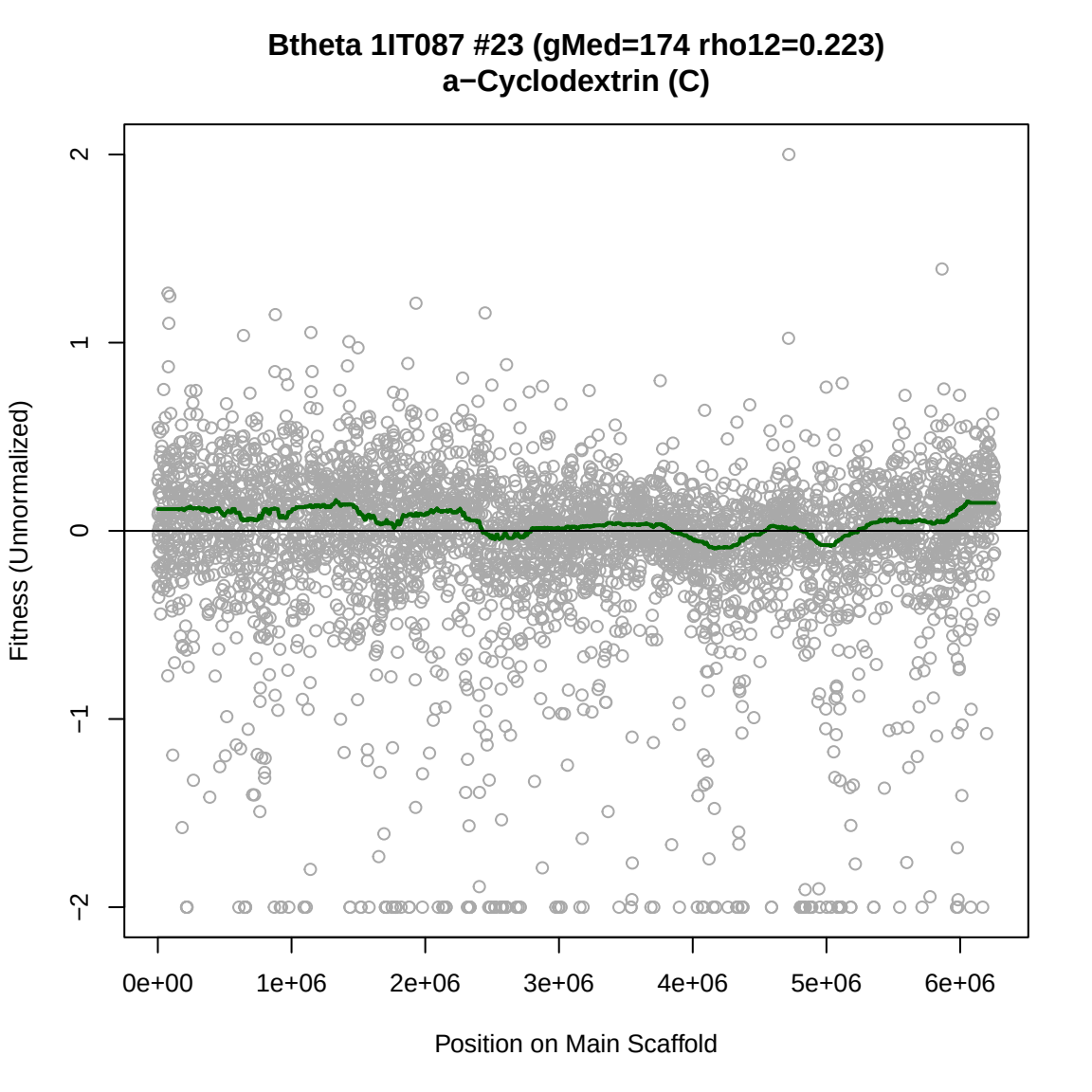

Btheta 1IT080 #16 (gMed=177 rho12=0.181)
D−Maltose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

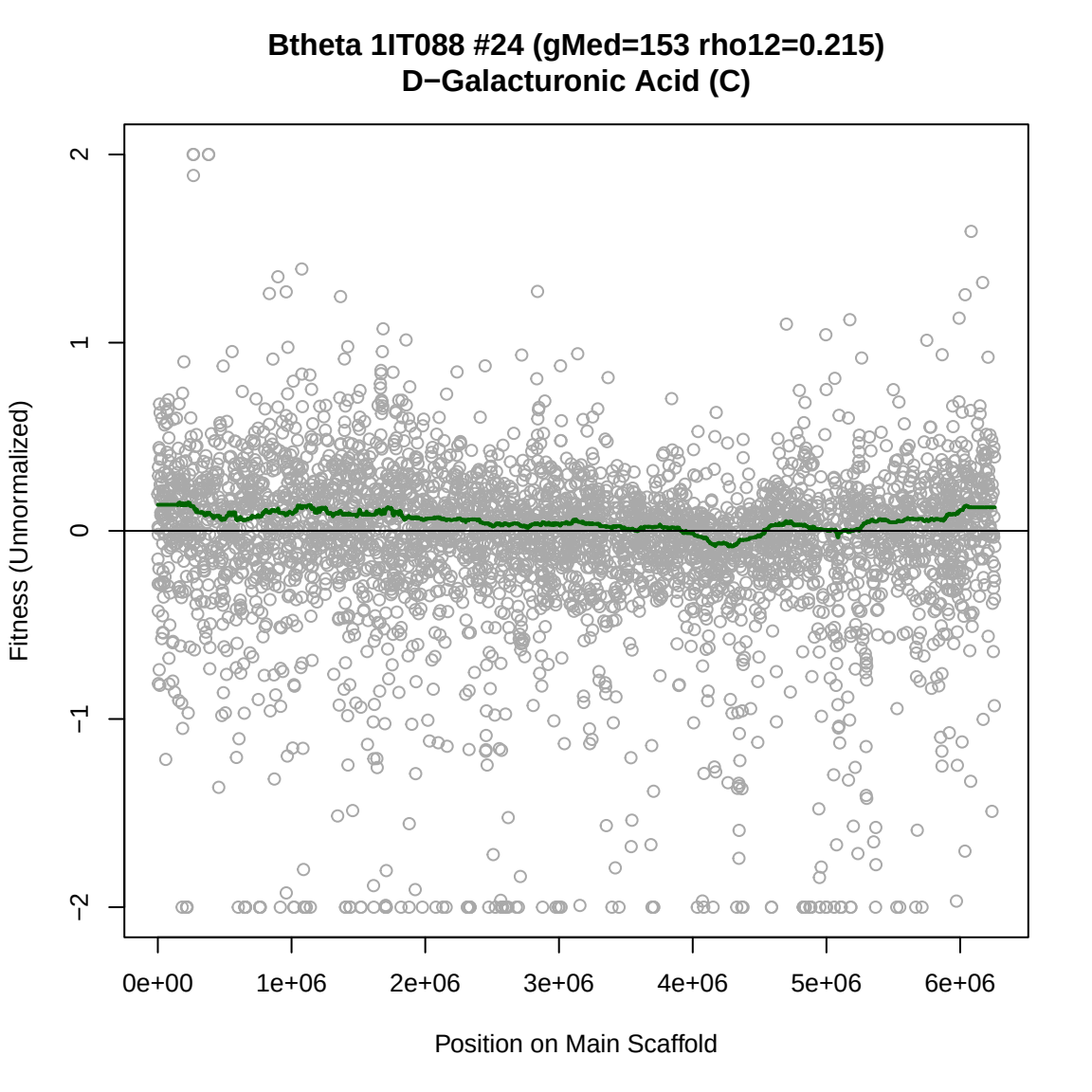

Btheta 1IT081 #17 (gMed=203 rho12=0.206)
L−Rhamnose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

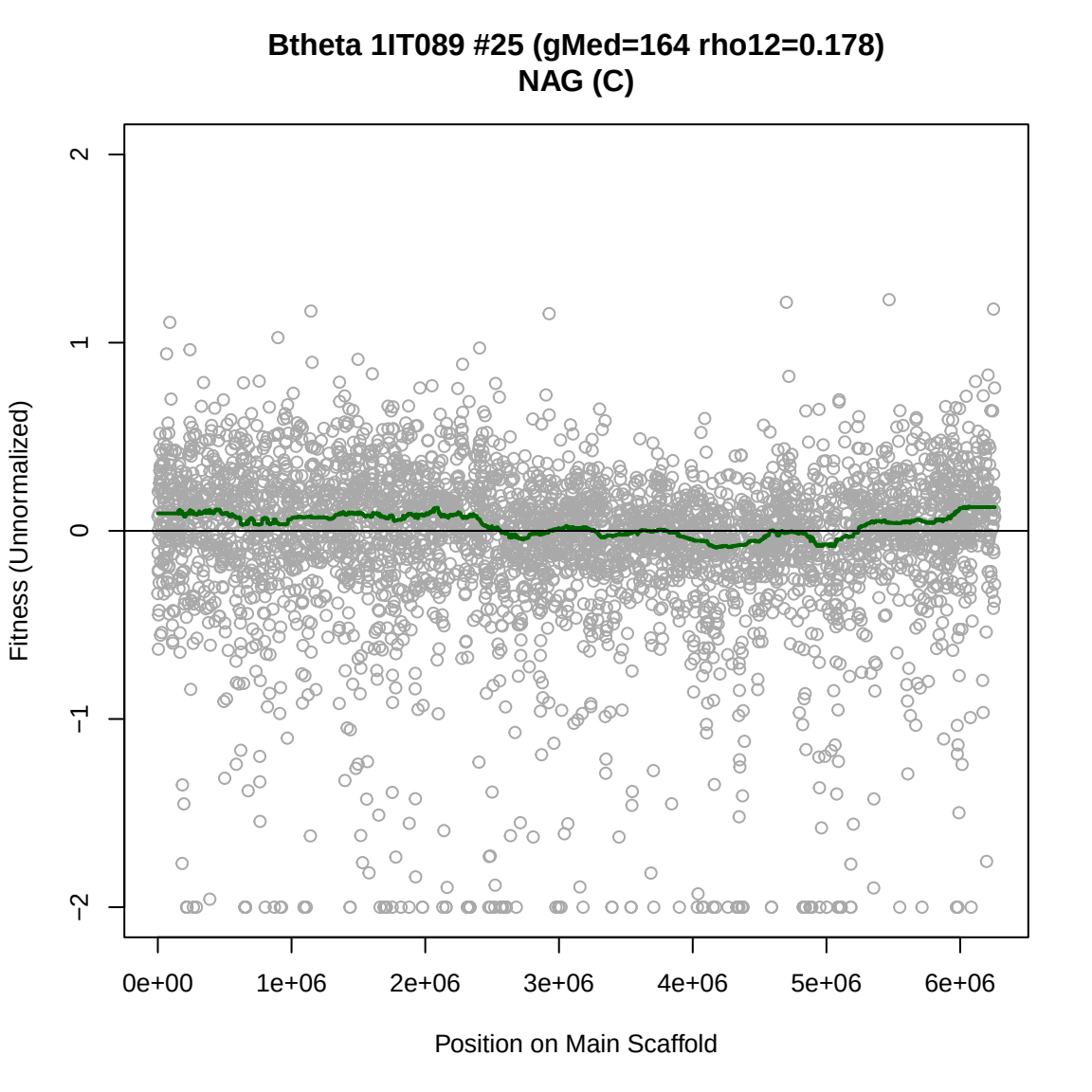

Btheta 1IT083 #19 (gMed=172 rho12=0.177)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

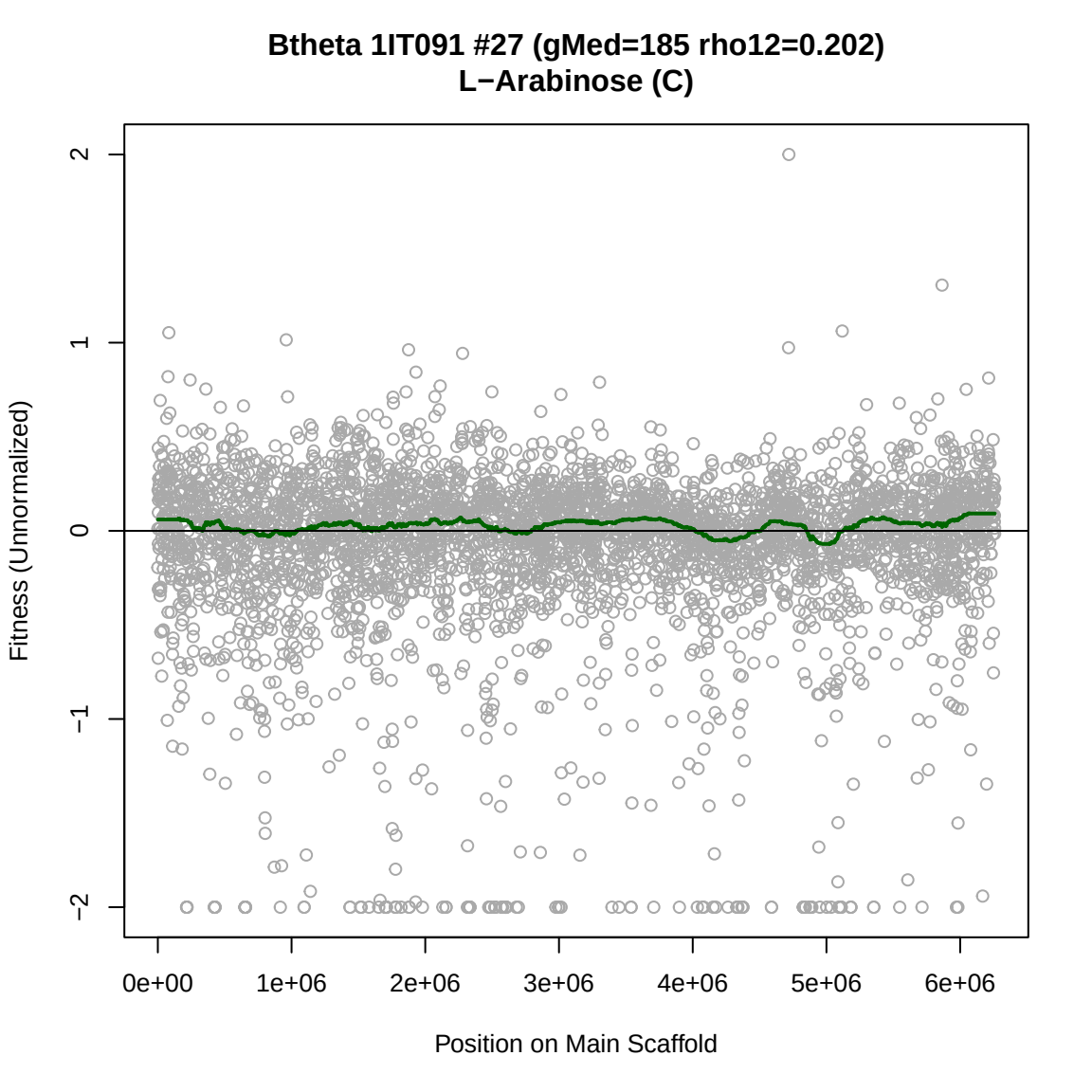

Btheta 1IT084 #20 (gMed=181 rho12=0.121)
D−Mannose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

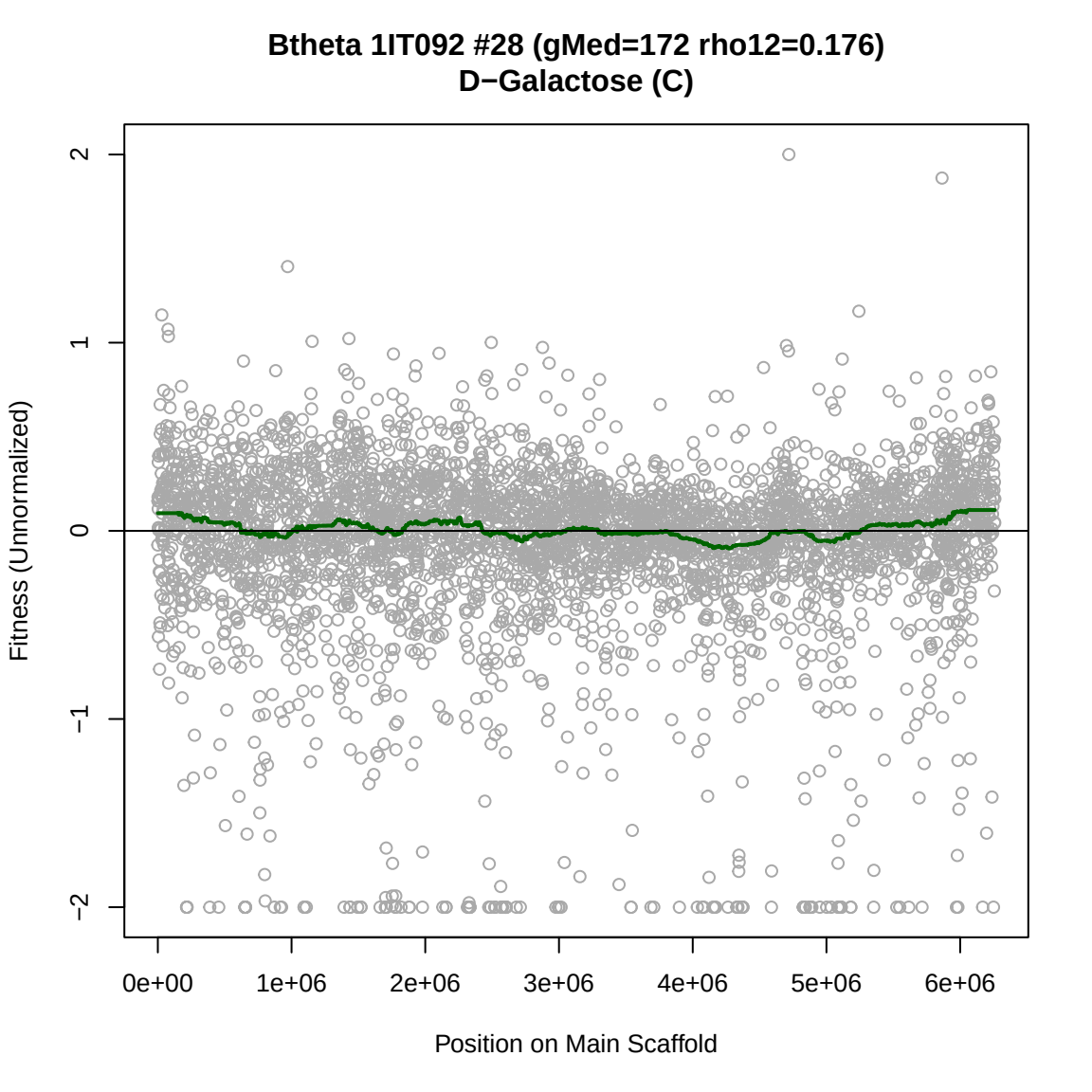

Btheta 1IT086 #22 (gMed=178 rho12=0.192)
D−Xylose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

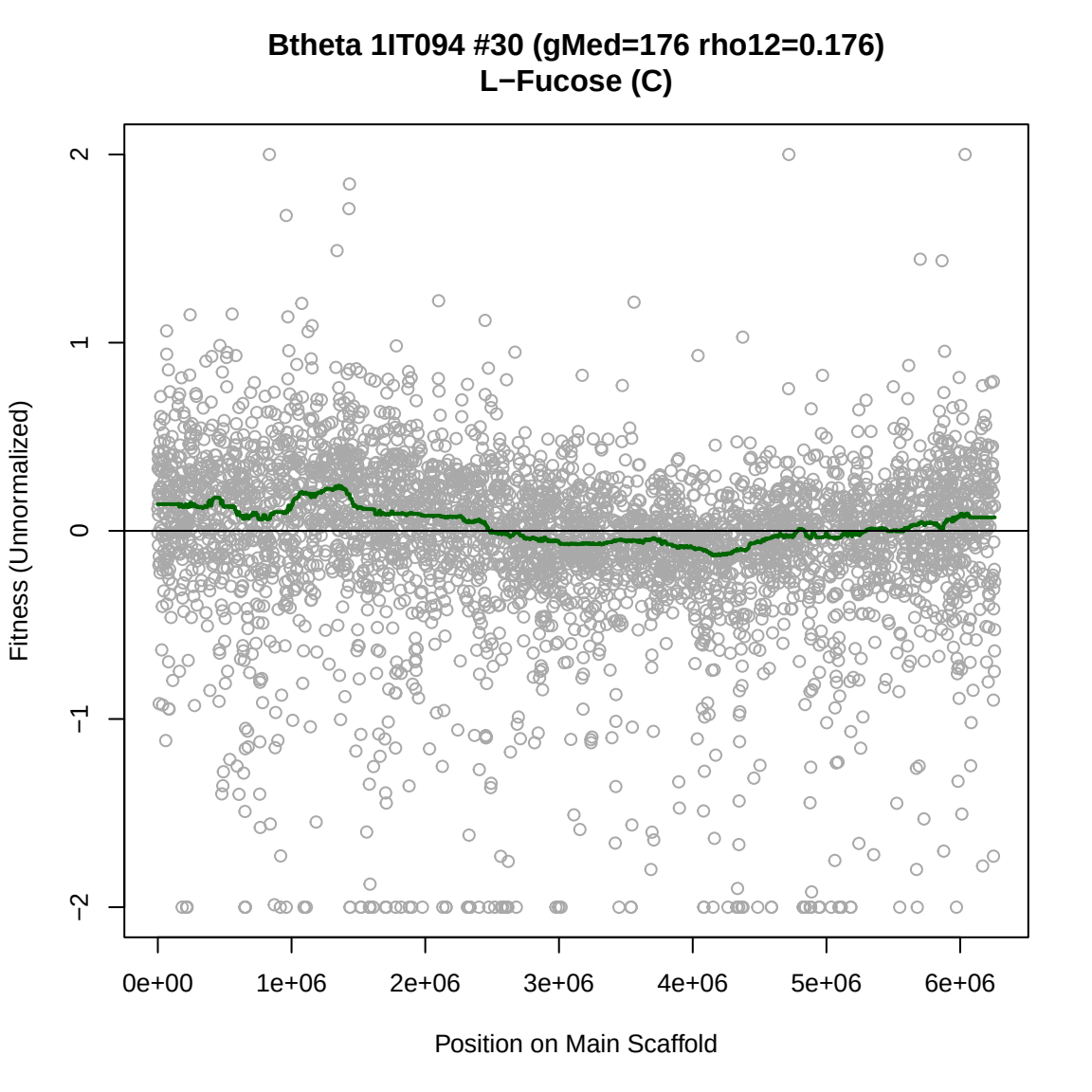

Btheta 1IT087 #23 (gMed=174 rho12=0.223)
a−Cyclodextrin (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

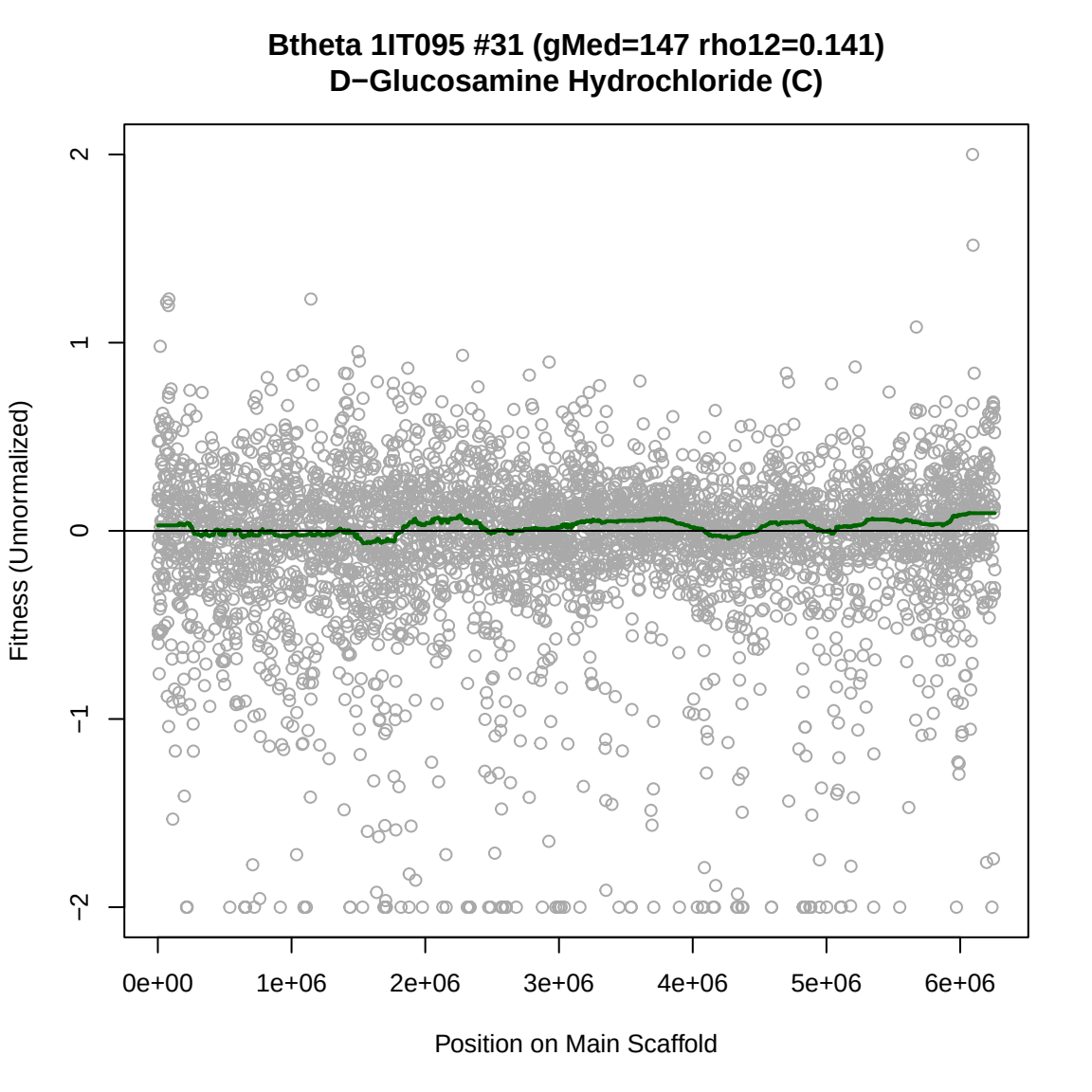

Btheta 1IT088 #24 (gMed=153 rho12=0.215)
D−Galacturonic Acid (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

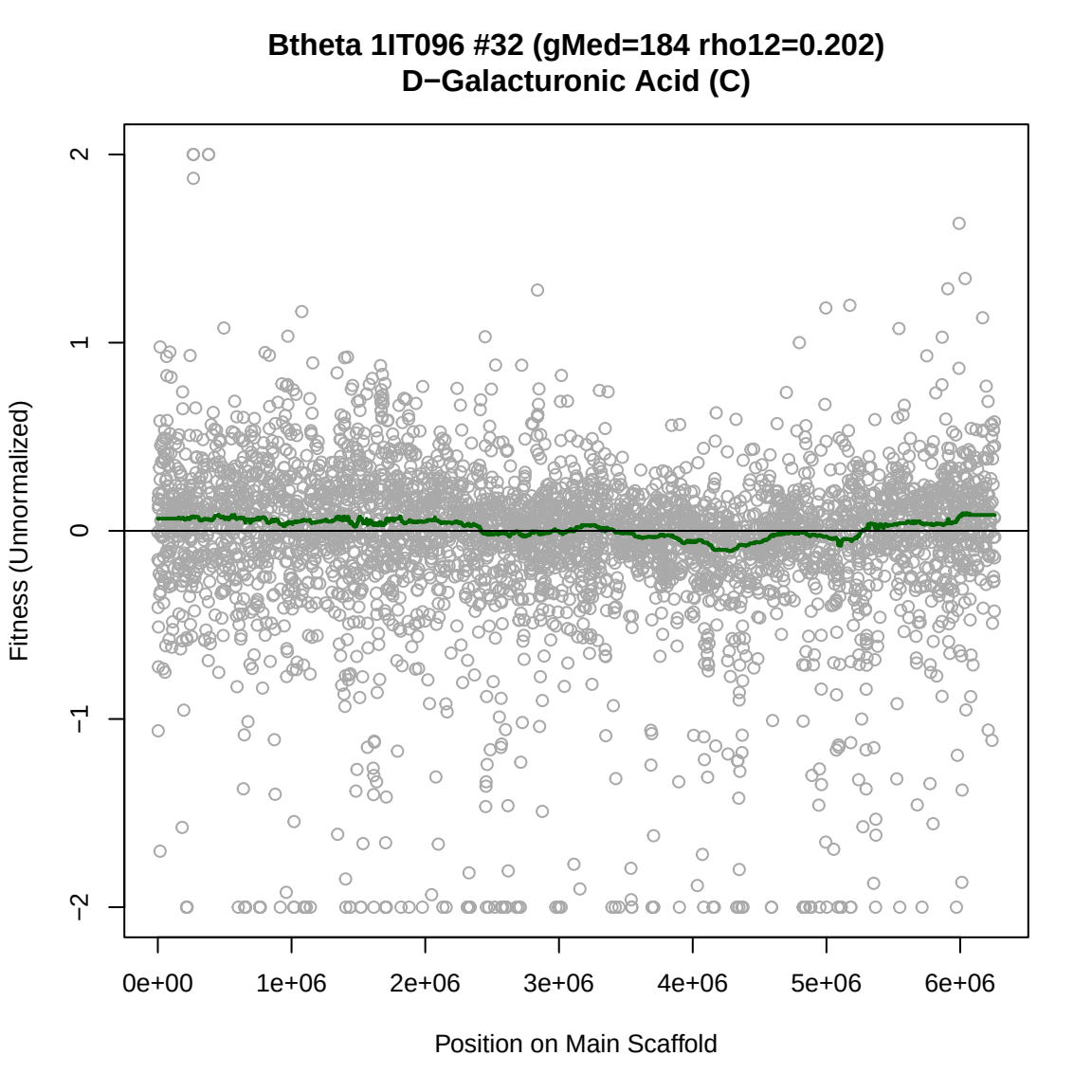

Btheta 1IT089 #25 (gMed=164 rho12=0.178)
NAG (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

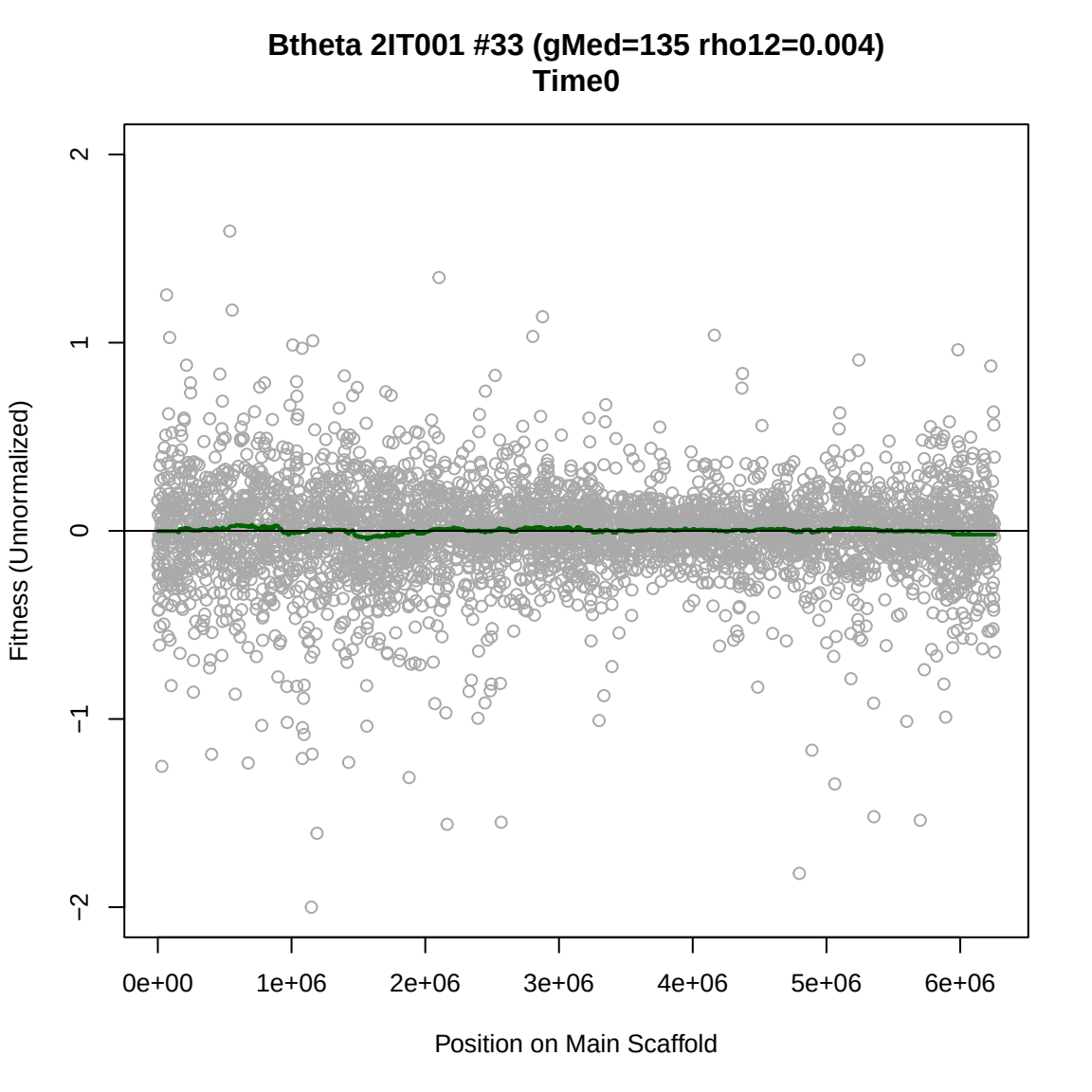

Btheta 1IT091 #27 (gMed=185 rho12=0.202)
L−Arabinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

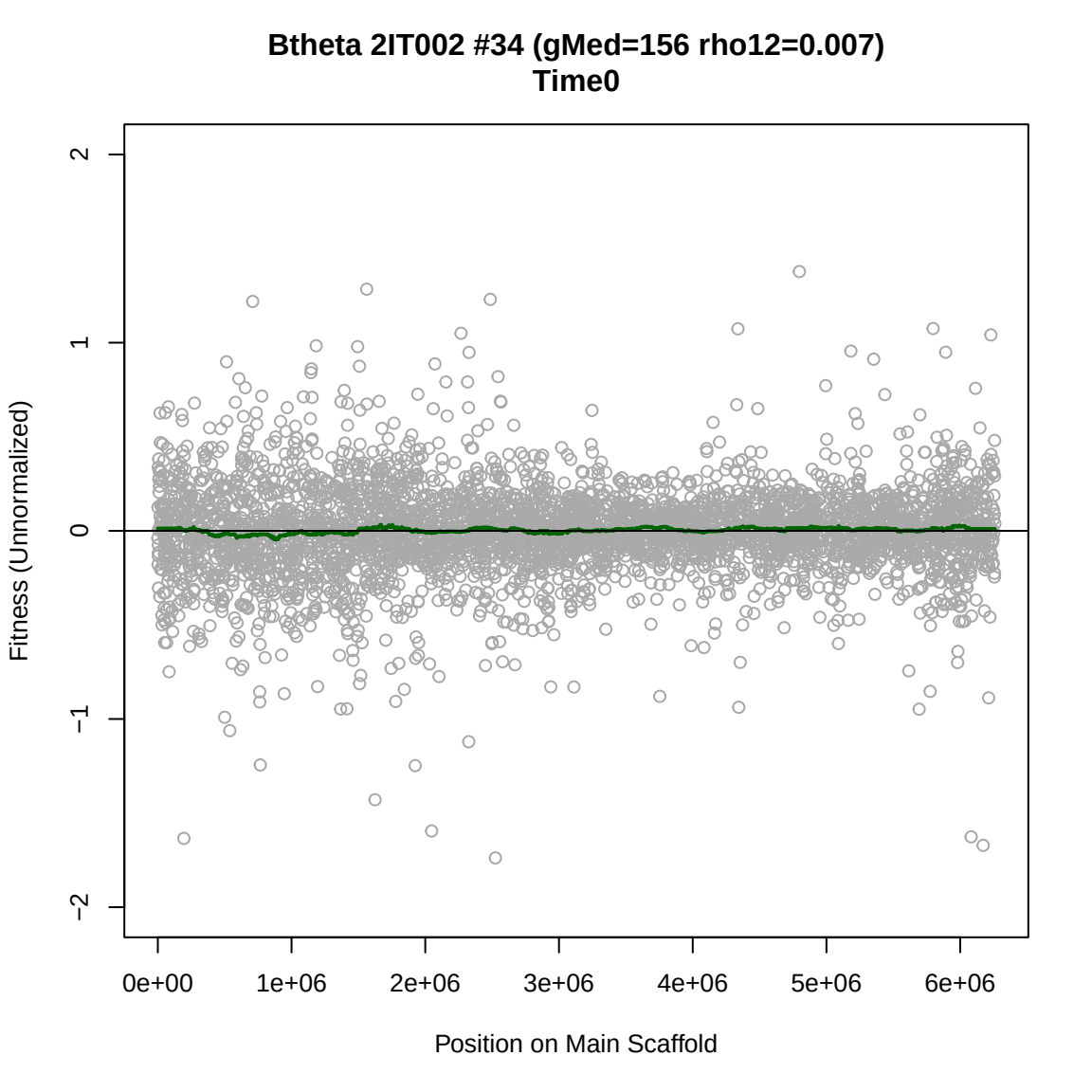

Btheta 1IT092 #28 (gMed=172 rho12=0.176)
D−Galactose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

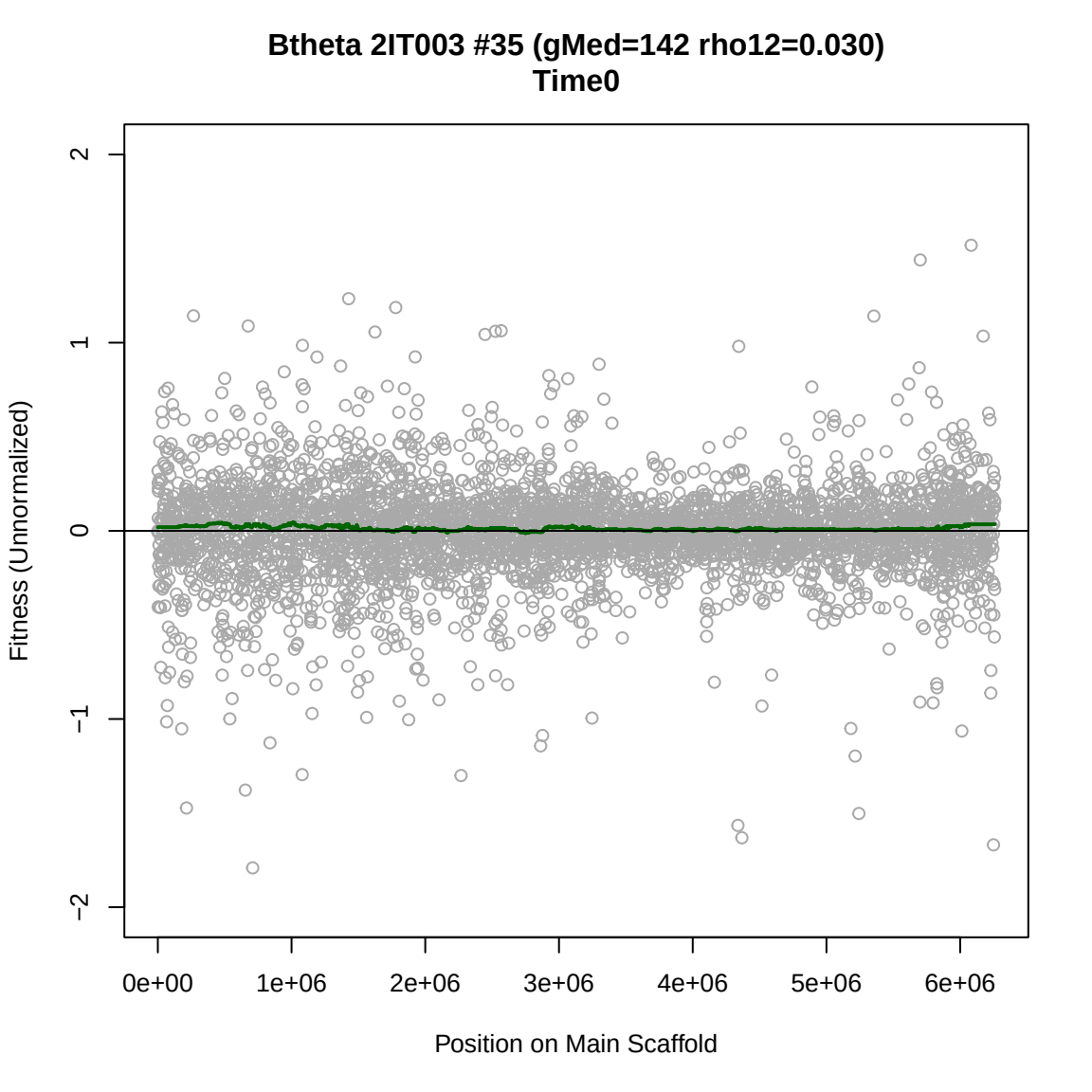

Btheta 1IT094 #30 (gMed=176 rho12=0.176)
L−Fucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

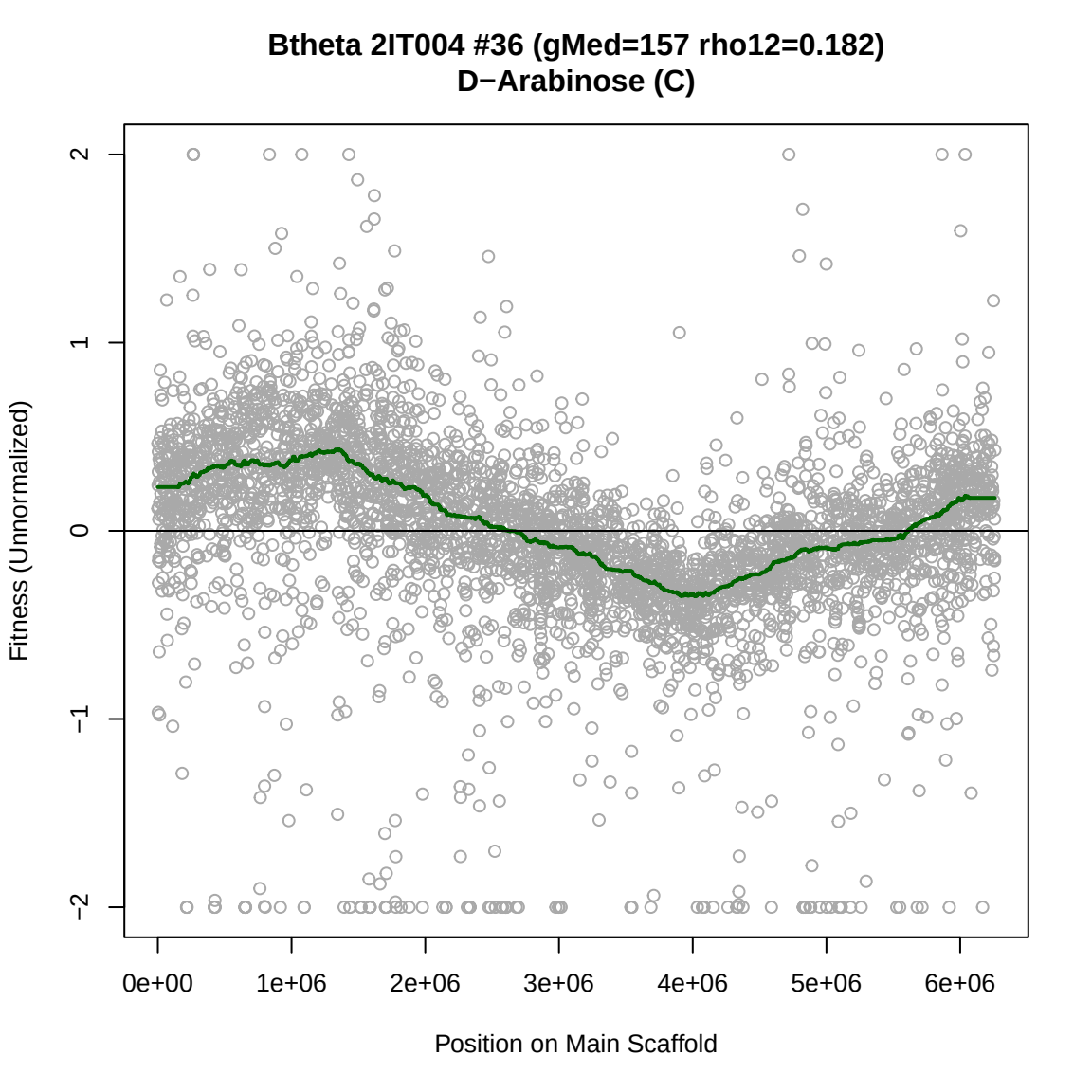

Btheta 1IT095 #31 (gMed=147 rho12=0.141)
D−Glucosamine Hydrochloride (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

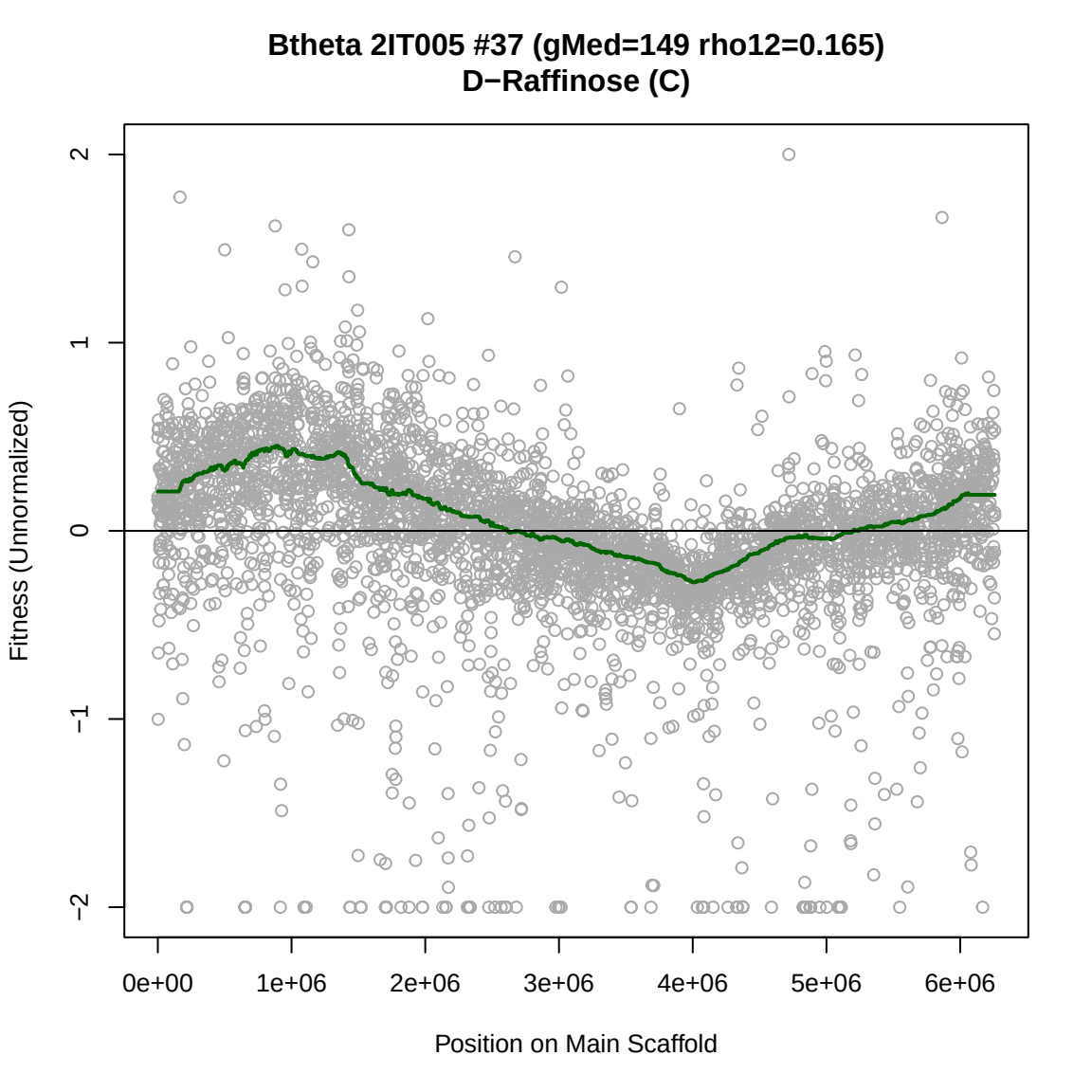

Btheta 1IT096 #32 (gMed=184 rho12=0.202)
D−Galacturonic Acid (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

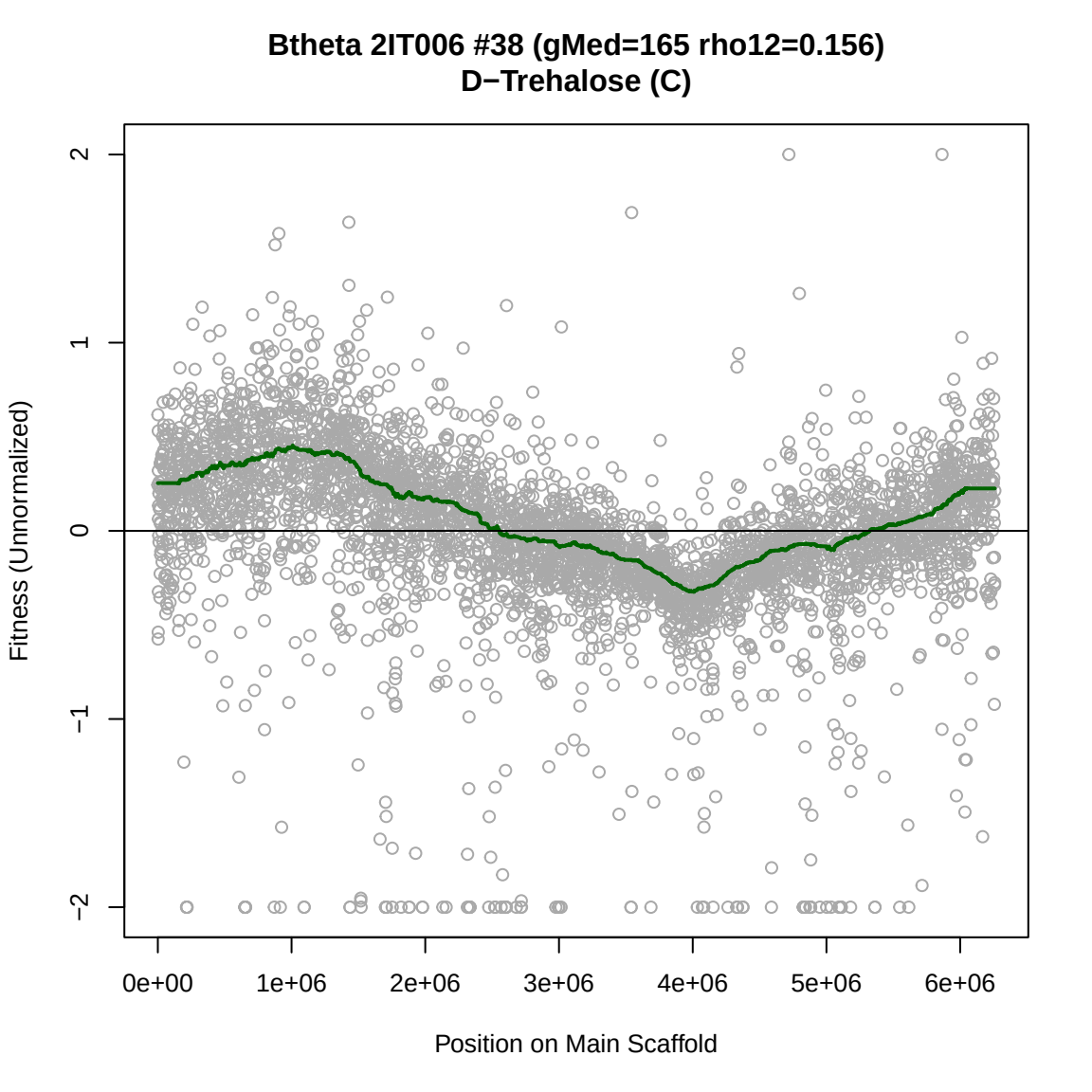

Btheta 2IT001 #33 (gMed=135 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

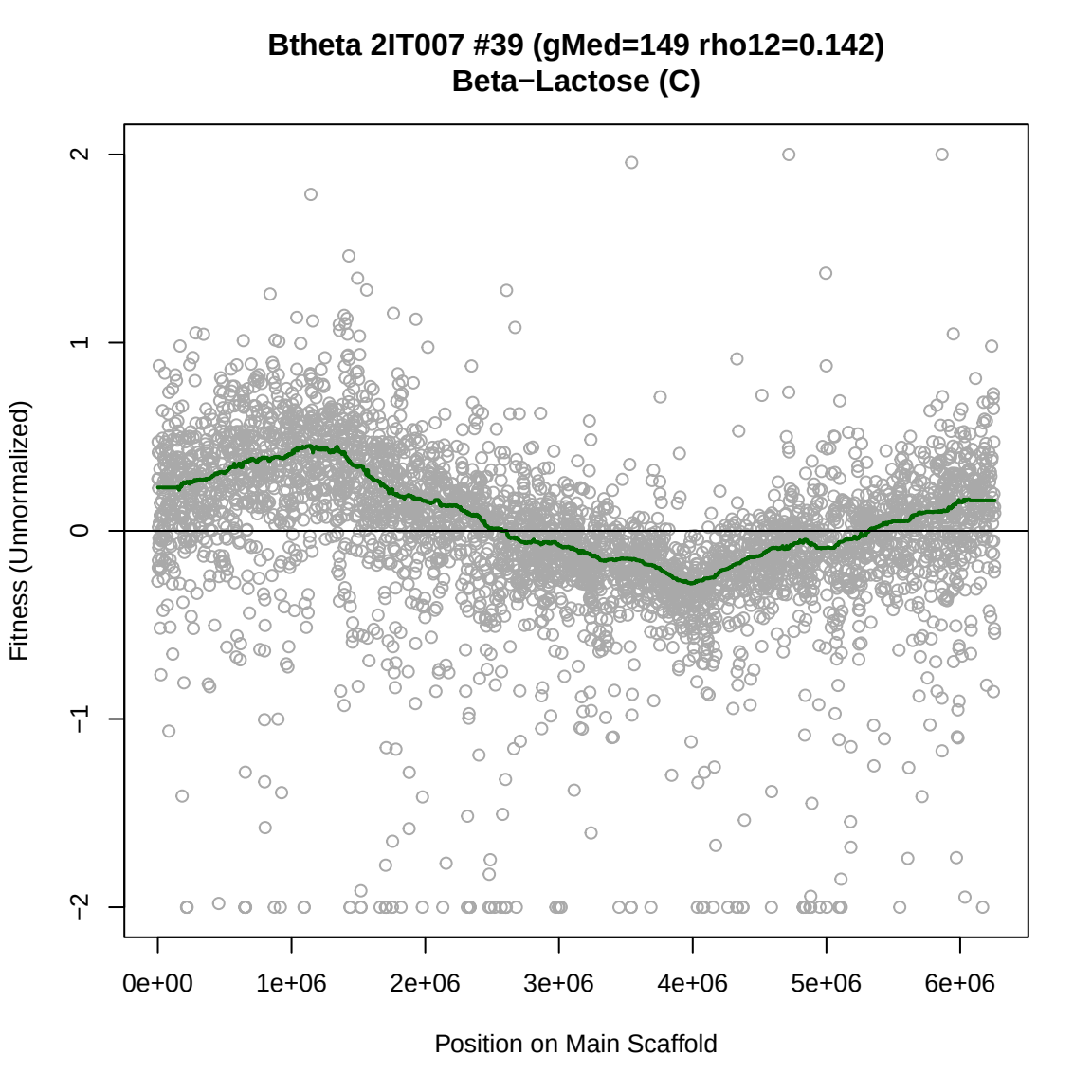

Btheta 2IT002 #34 (gMed=156 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

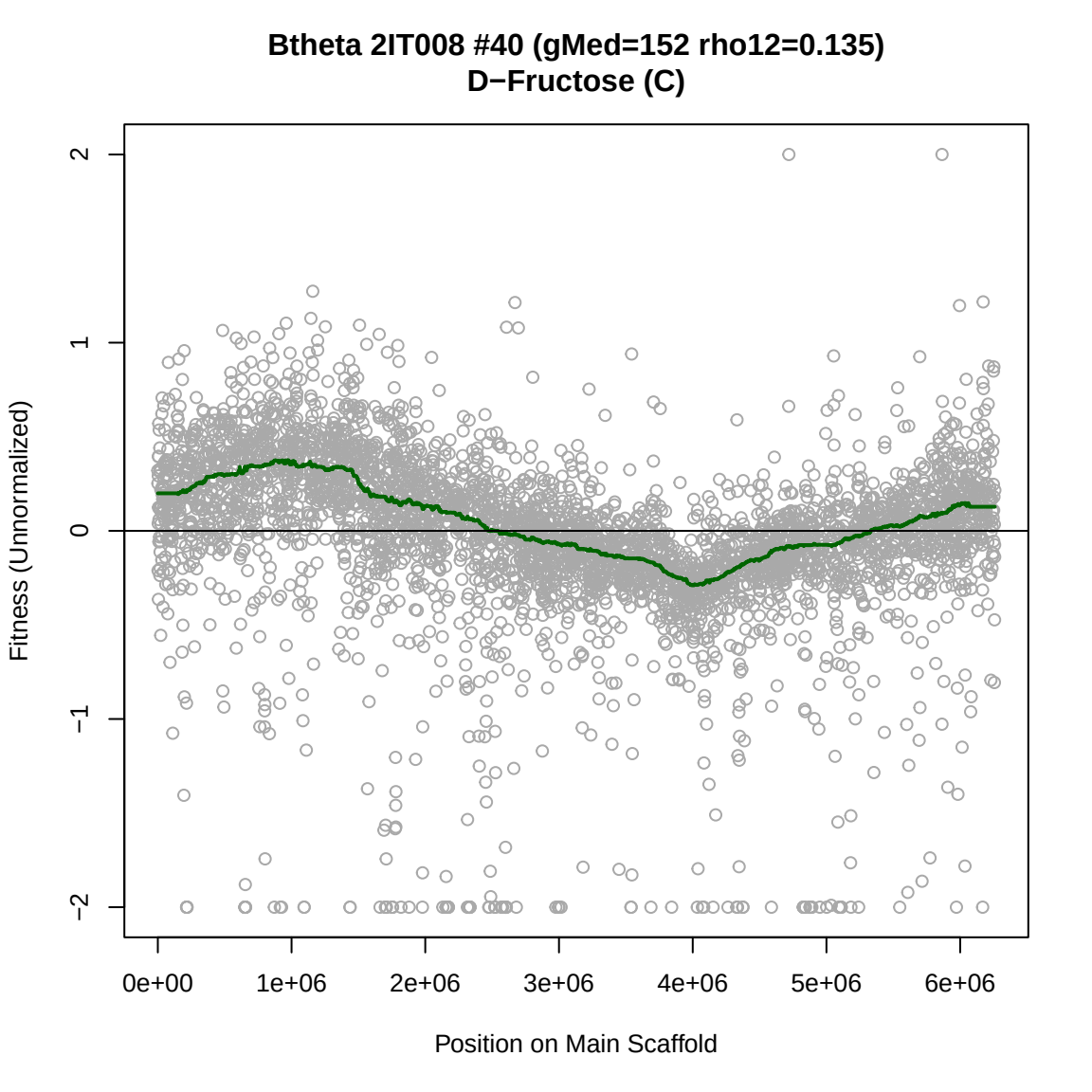

Btheta 2IT003 #35 (gMed=142 rho12=0.030)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

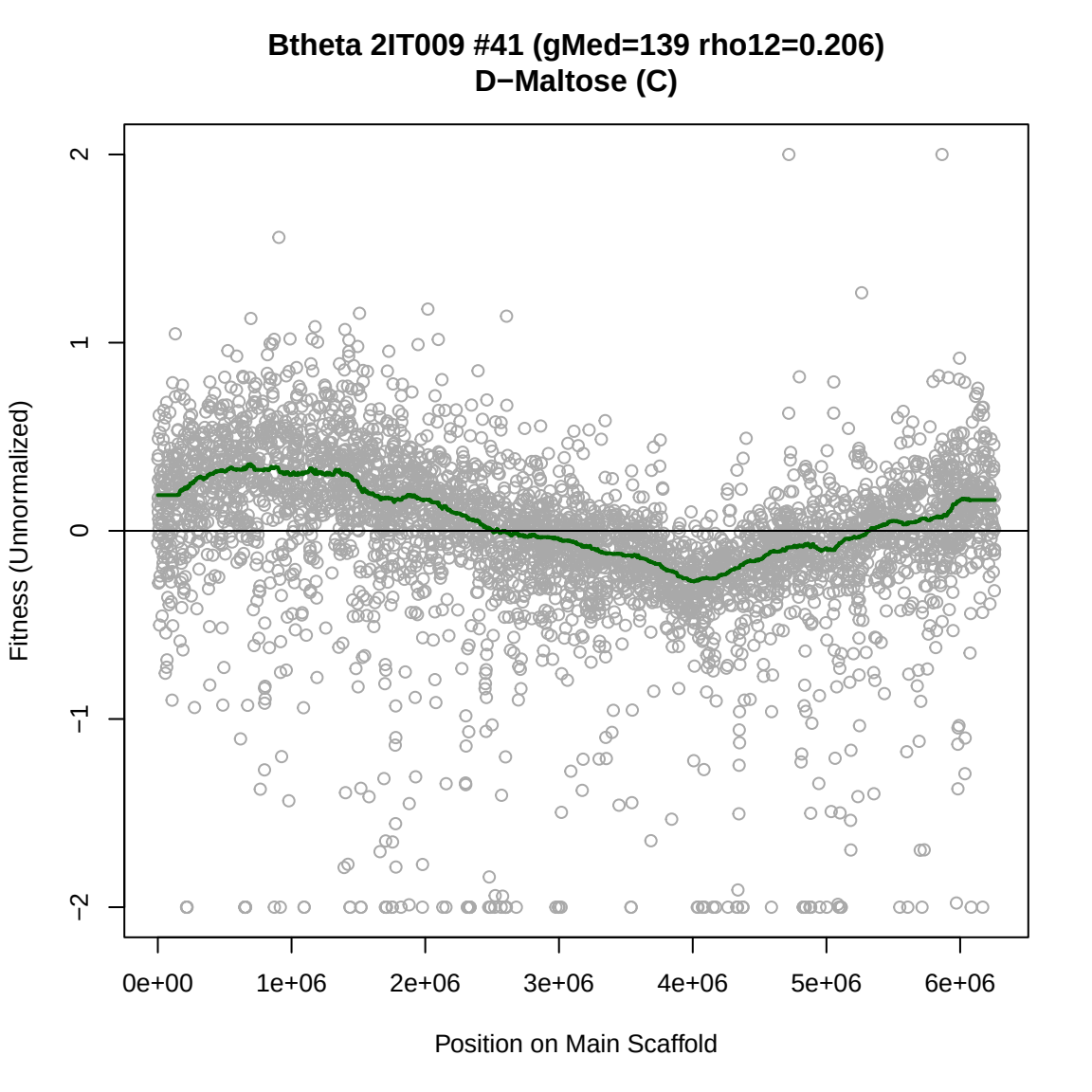

Btheta 2IT004 #36 (gMed=157 rho12=0.182)
D−Arabinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

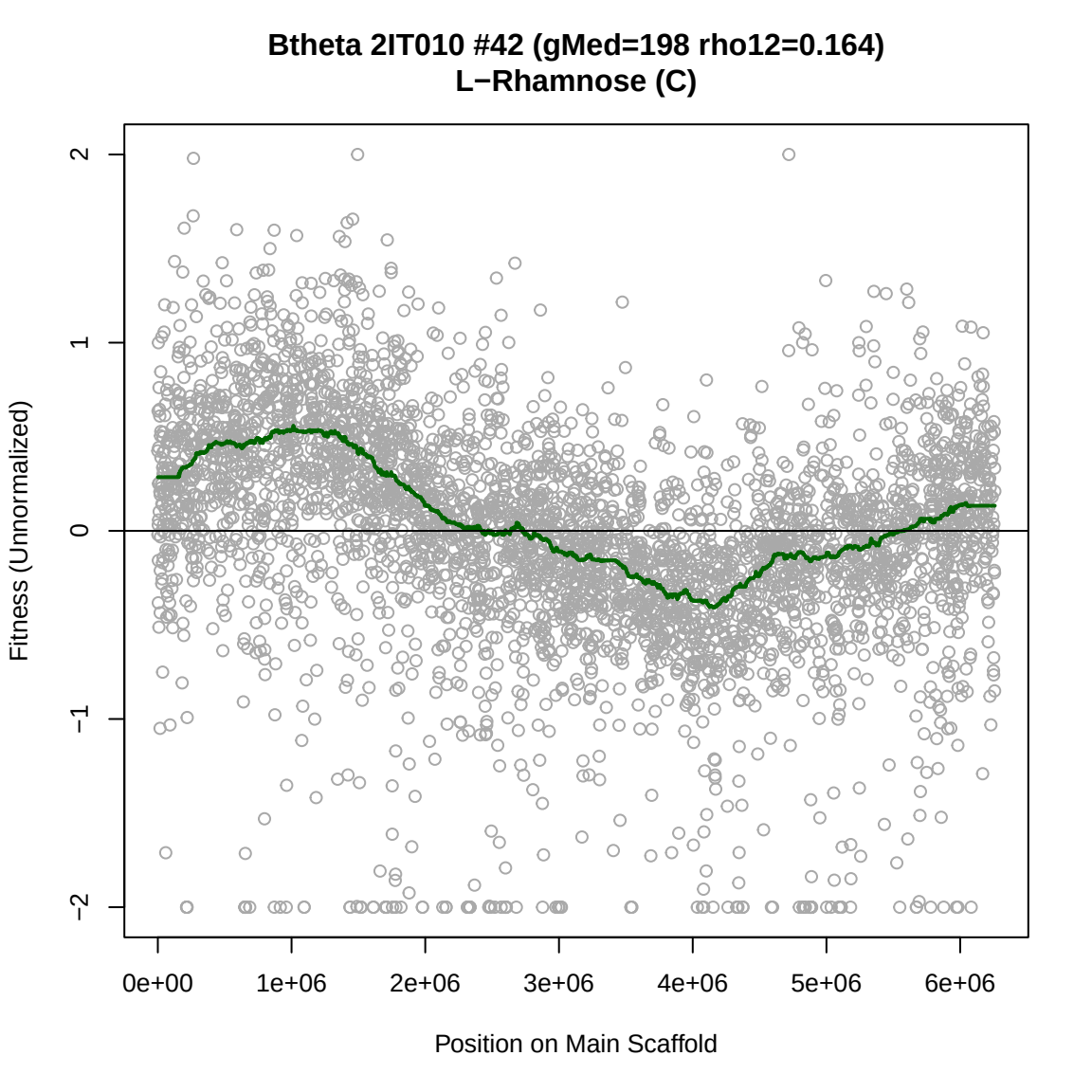

Btheta 2IT005 #37 (gMed=149 rho12=0.165)
D−Raffinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

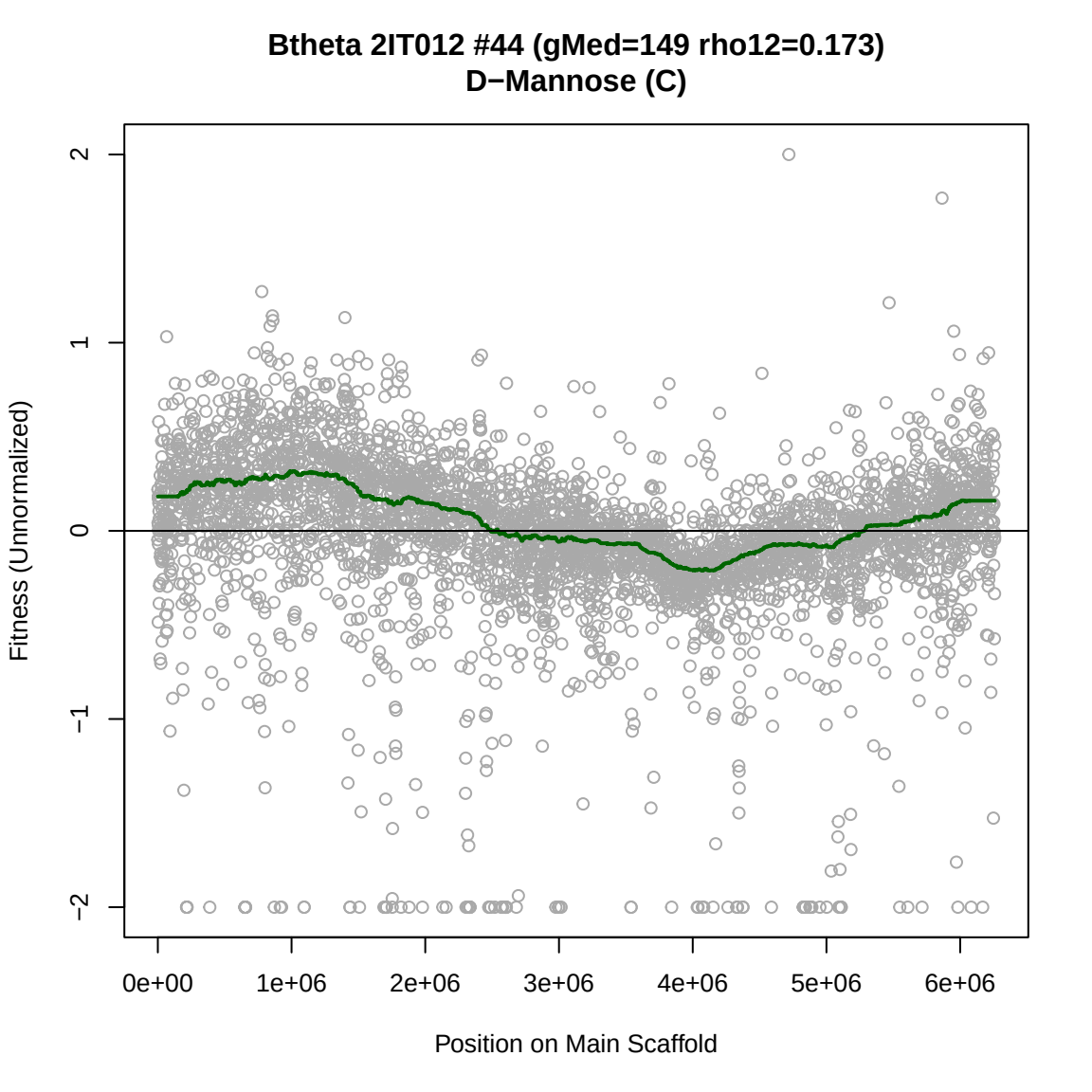

Btheta 2IT006 #38 (gMed=165 rho12=0.156)
D−Trehalose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

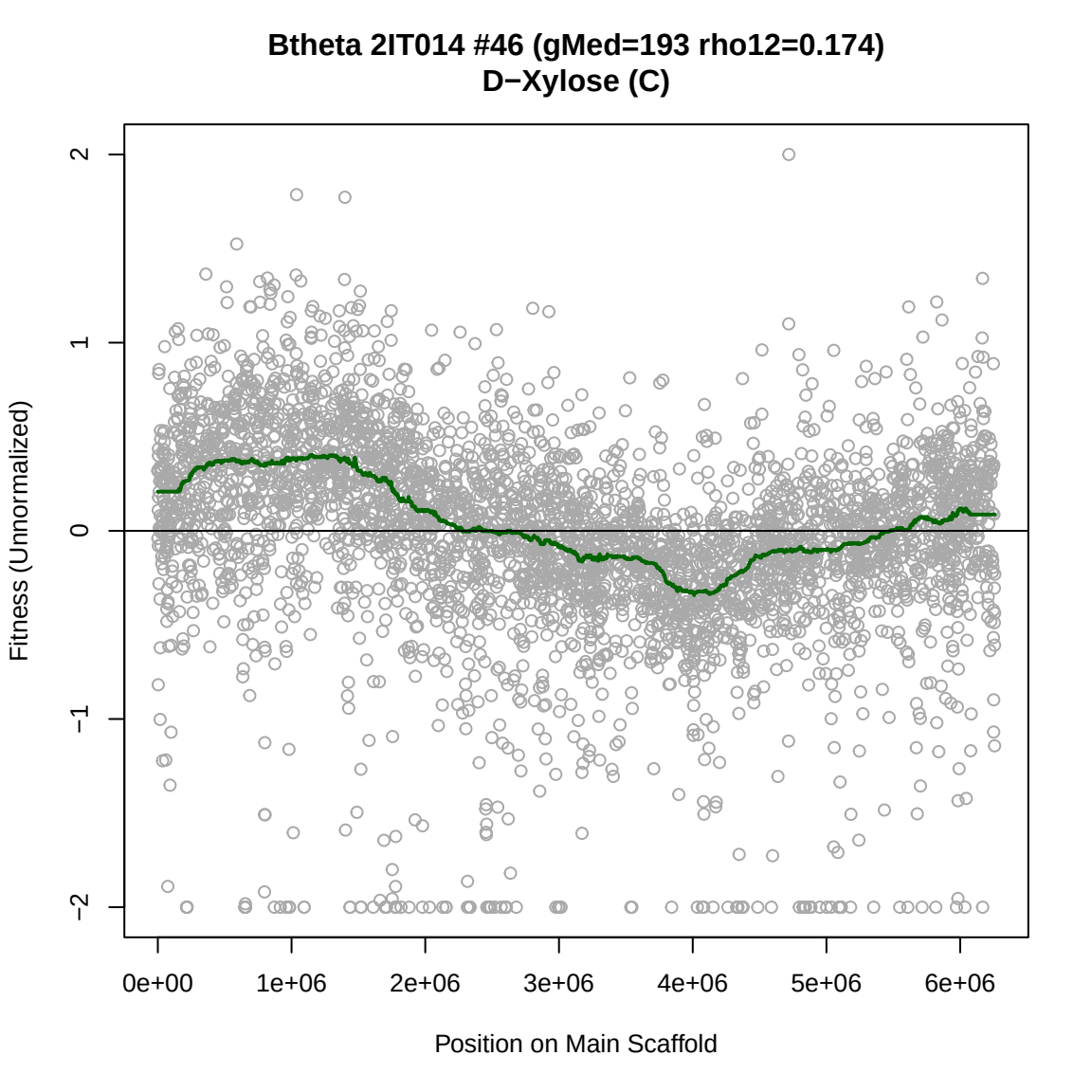

Btheta 2IT007 #39 (gMed=149 rho12=0.142)
Beta−Lactose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

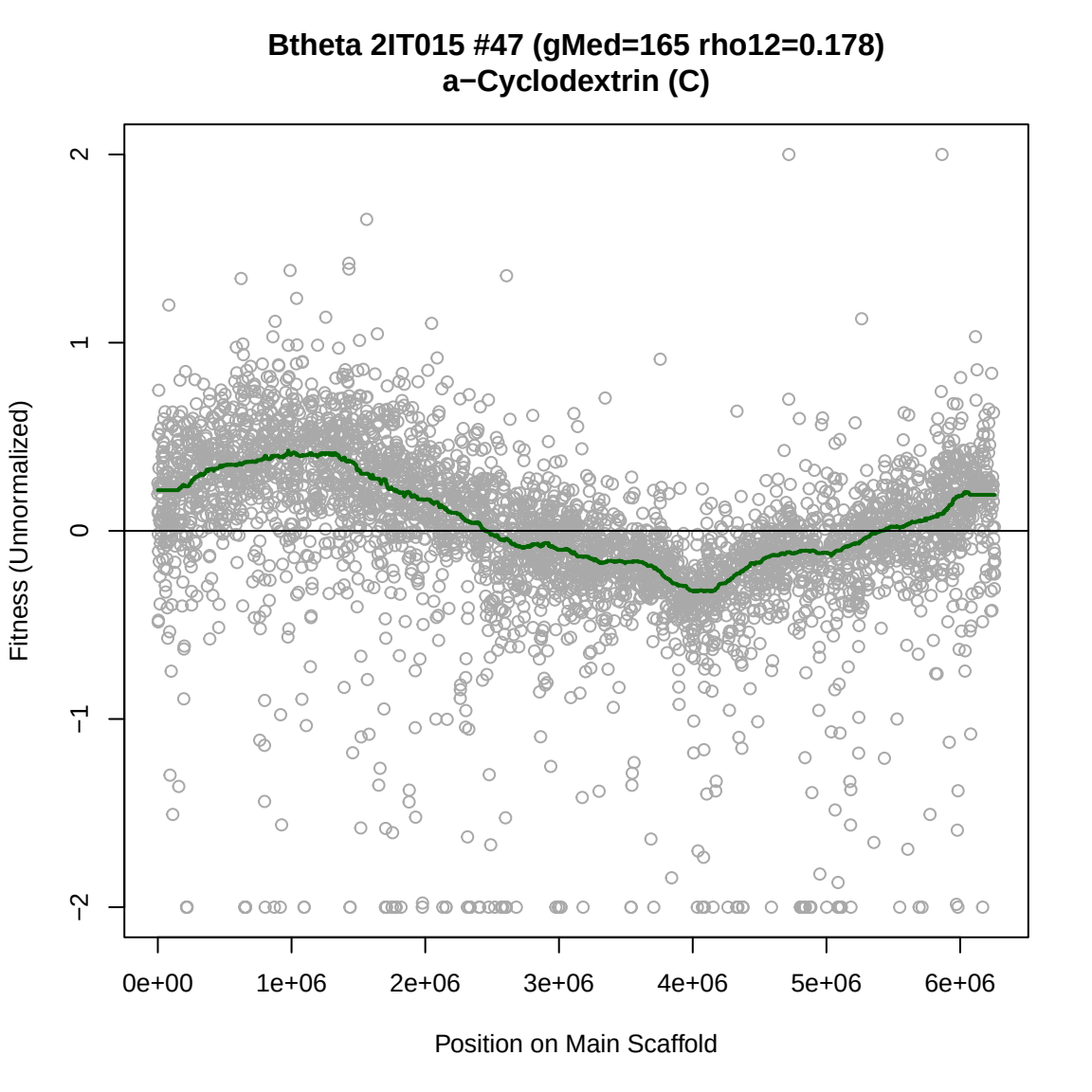

Btheta 2IT008 #40 (gMed=152 rho12=0.135)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

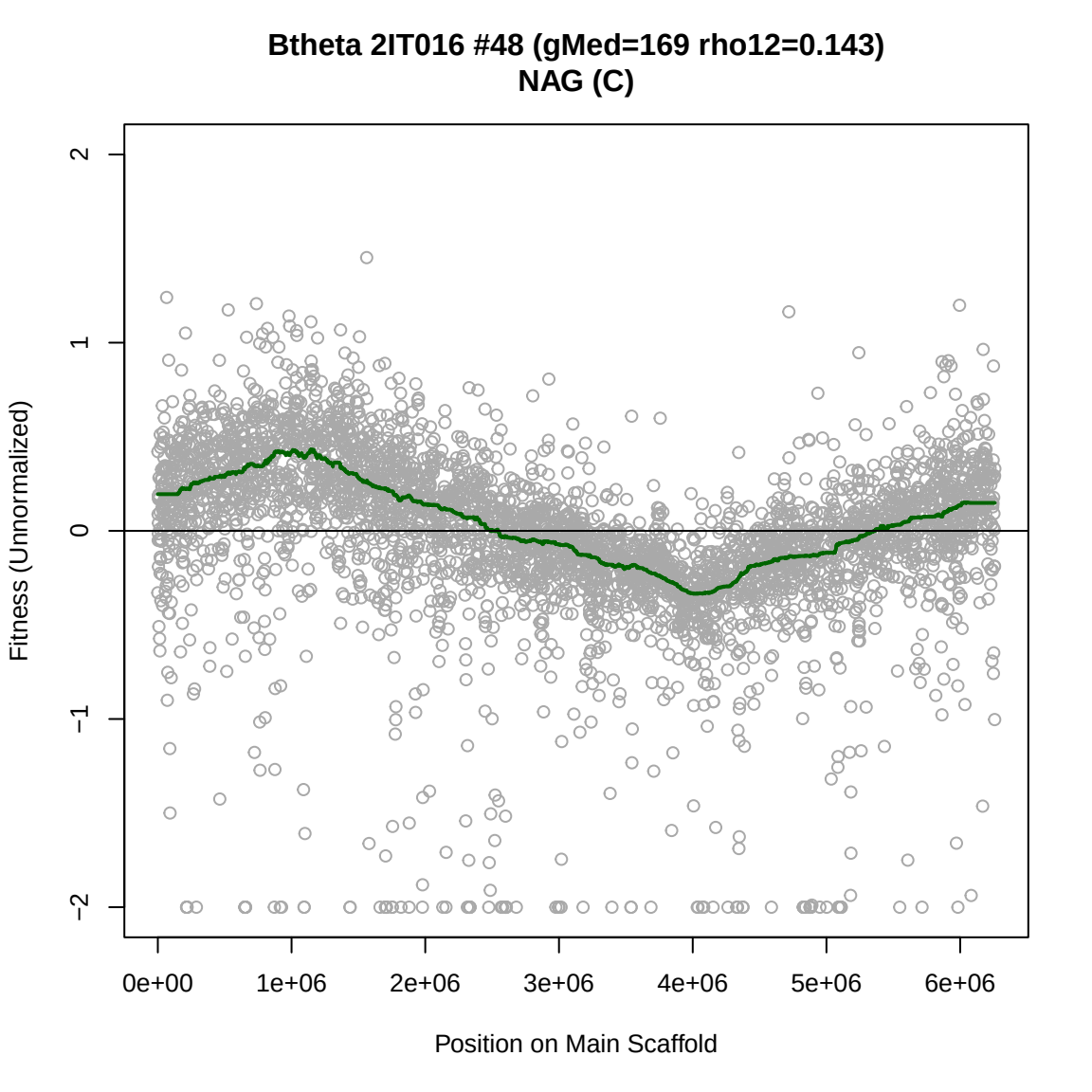

Btheta 2IT009 #41 (gMed=139 rho12=0.206)
D−Maltose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

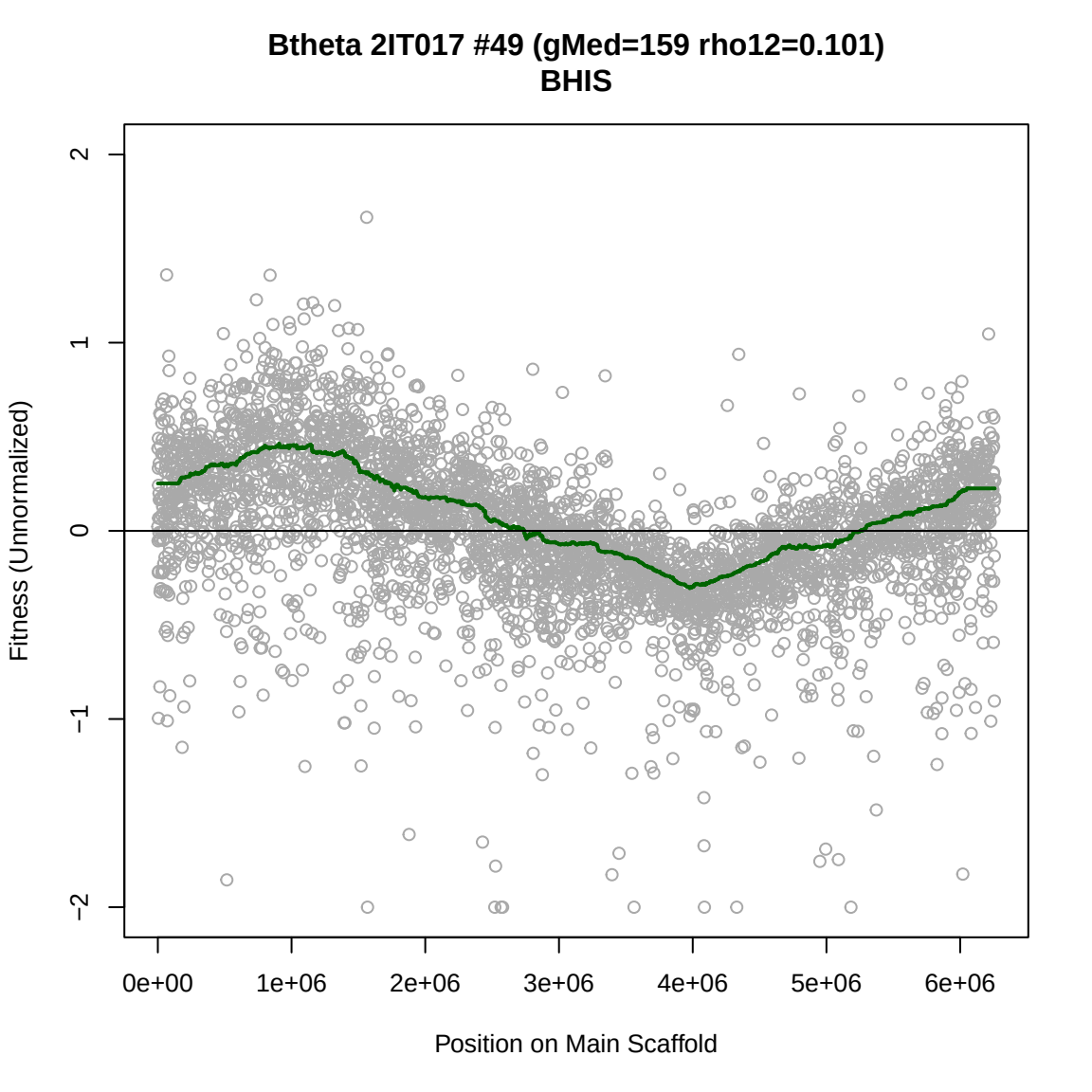

Btheta 2IT010 #42 (gMed=198 rho12=0.164)
L−Rhamnose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

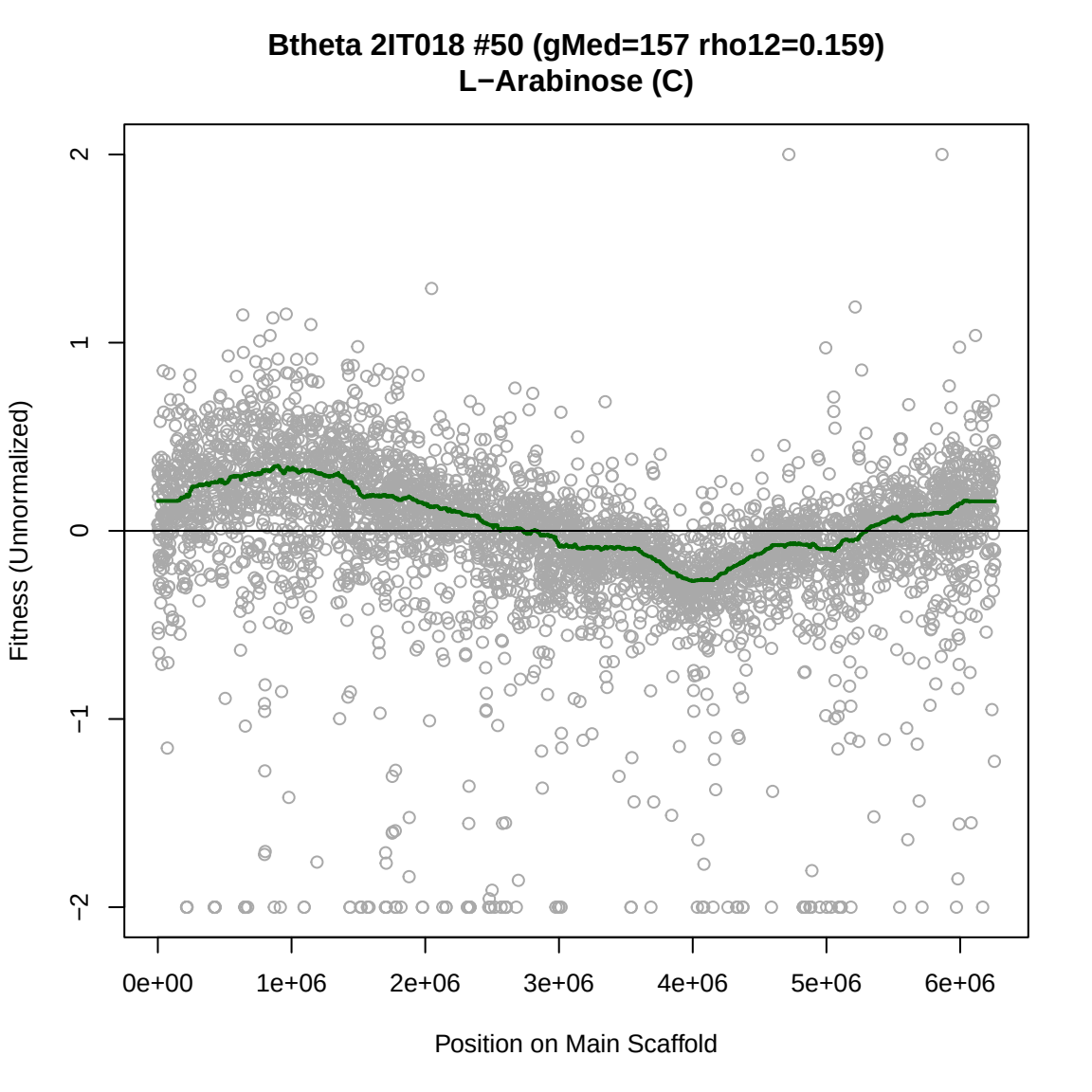

Btheta 2IT012 #44 (gMed=149 rho12=0.173)
D−Mannose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

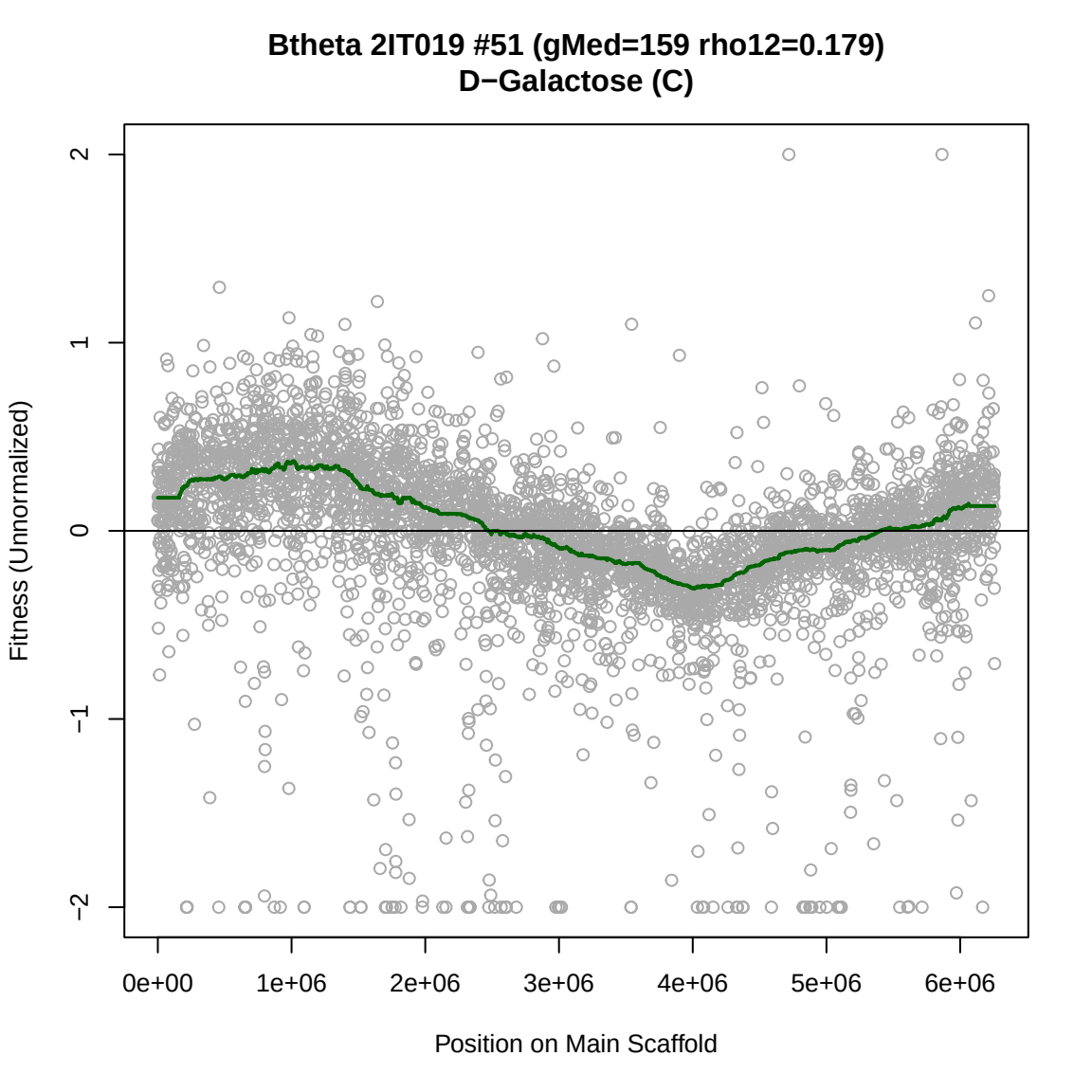

Btheta 2IT014 #46 (gMed=193 rho12=0.174)
D−Xylose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

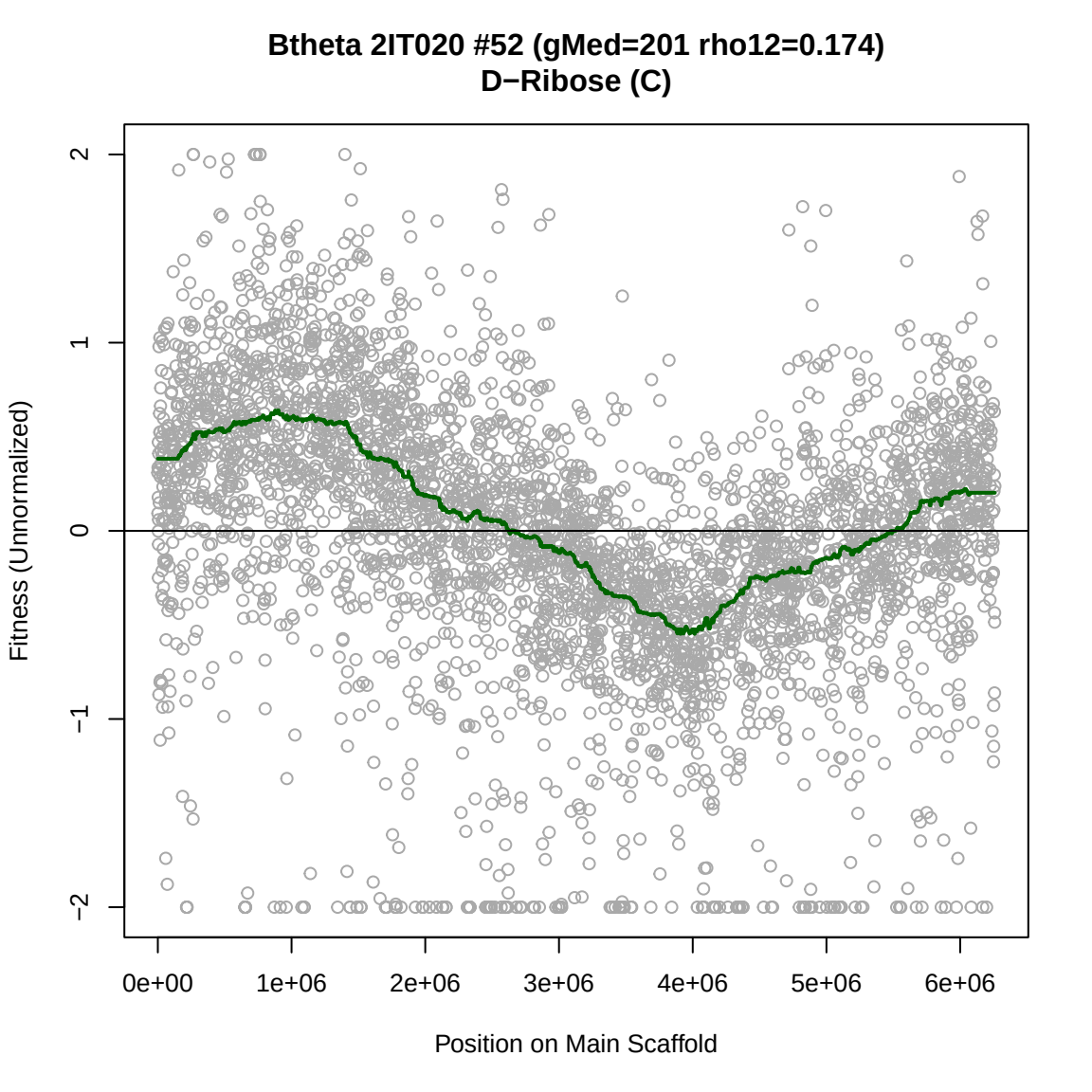

Btheta 2IT015 #47 (gMed=165 rho12=0.178)
a−Cyclodextrin (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

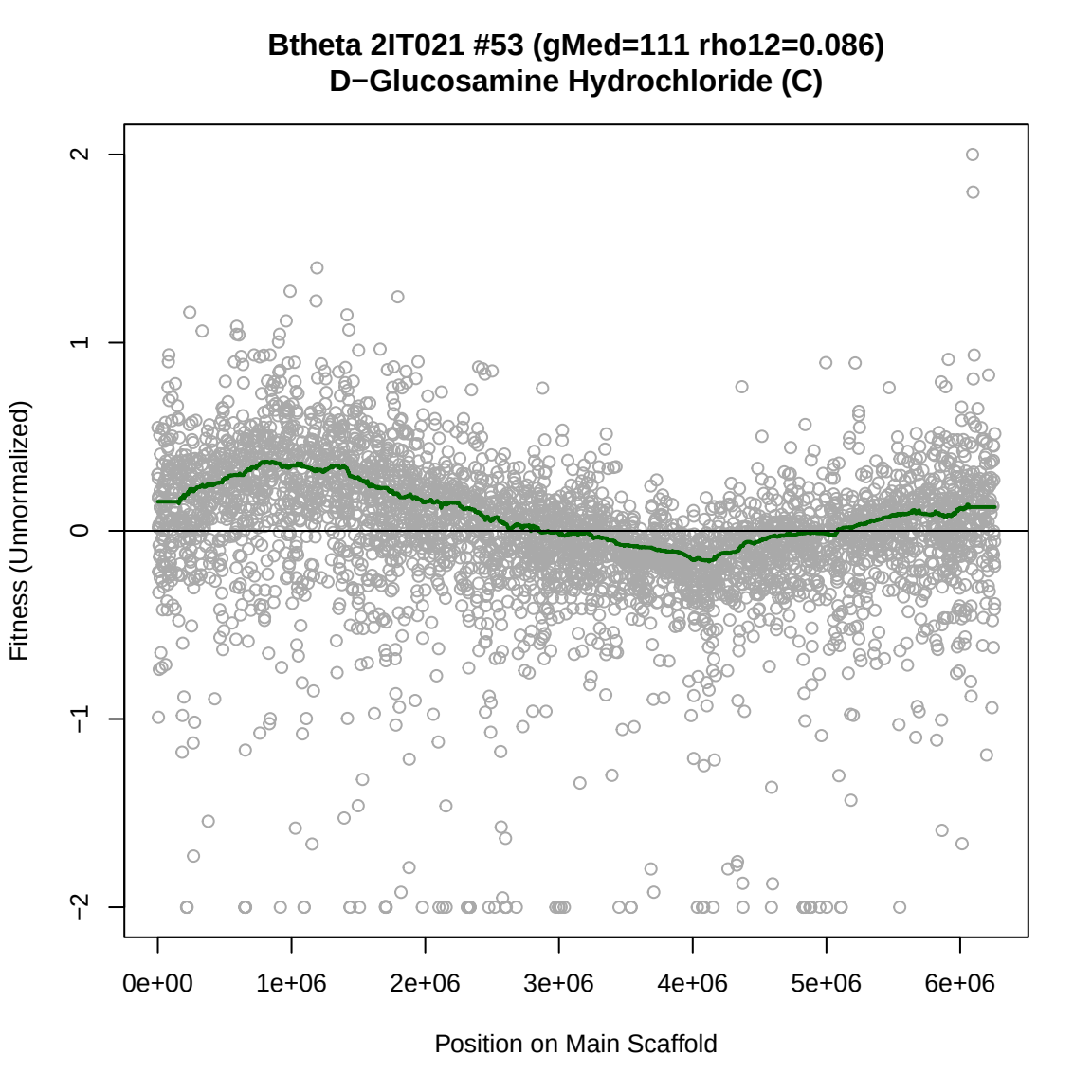

Btheta 2IT016 #48 (gMed=169 rho12=0.143)
NAG (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

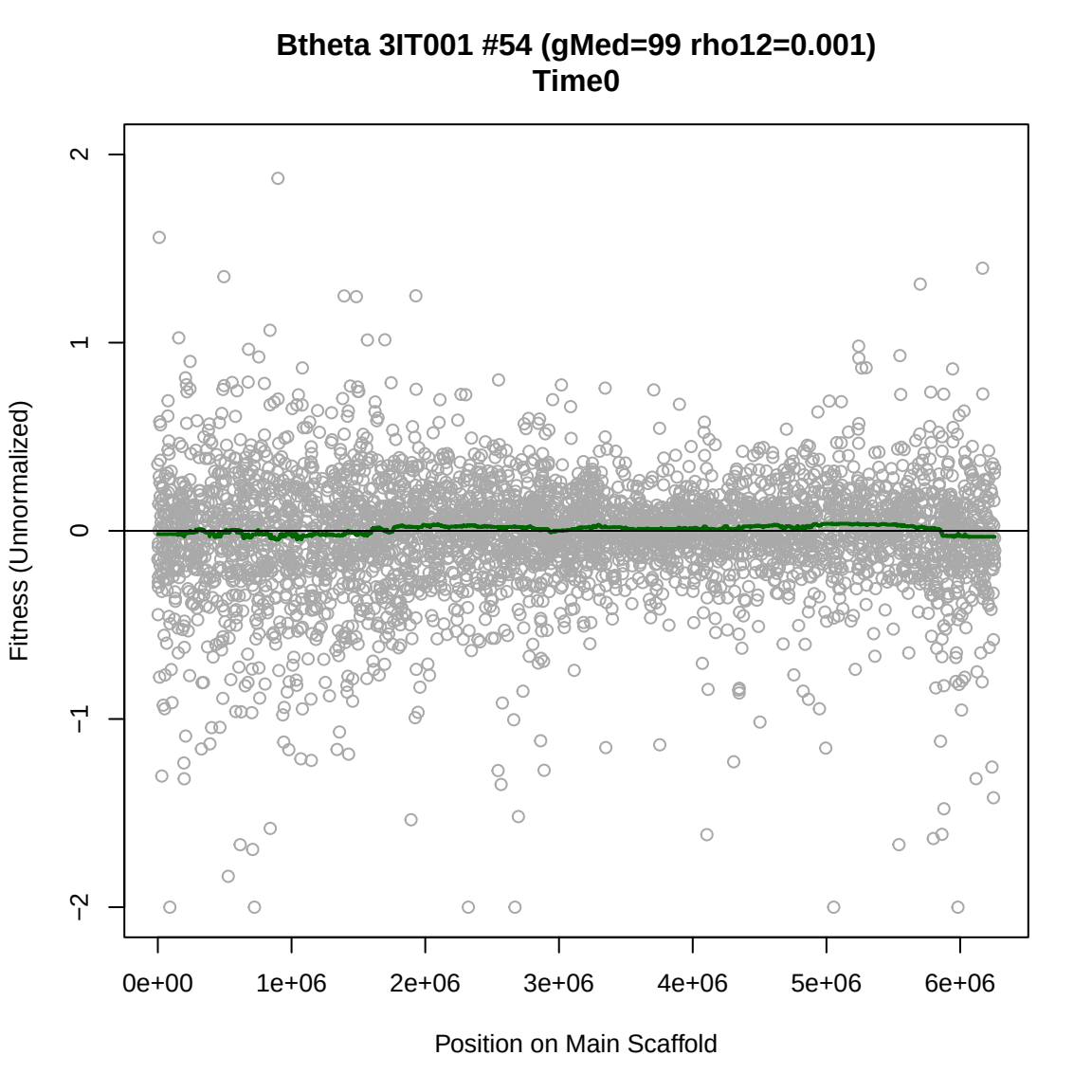

Btheta 2IT017 #49 (gMed=159 rho12=0.101)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

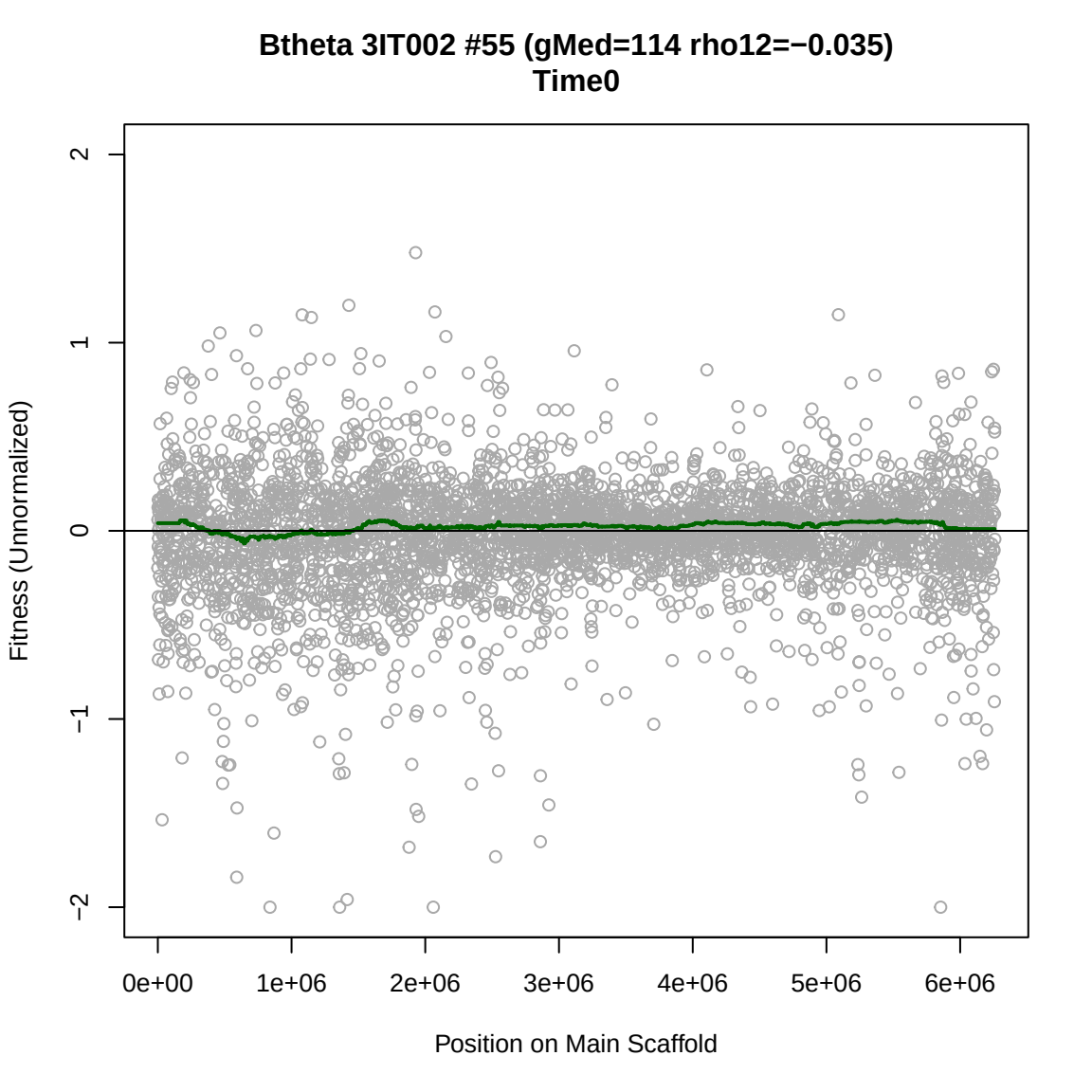

Btheta 2IT018 #50 (gMed=157 rho12=0.159)
L−Arabinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

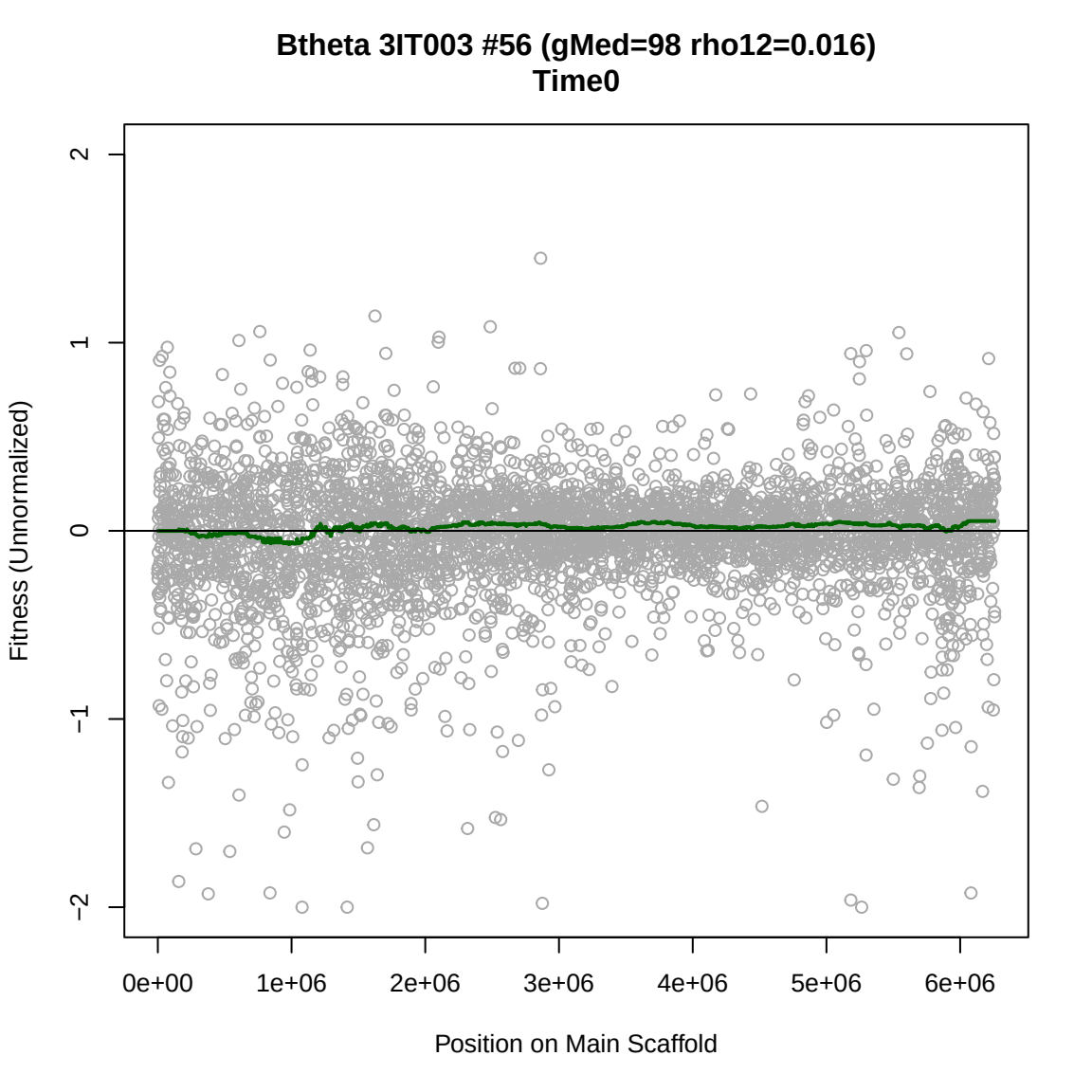

Btheta 2IT019 #51 (gMed=159 rho12=0.179)
D−Galactose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

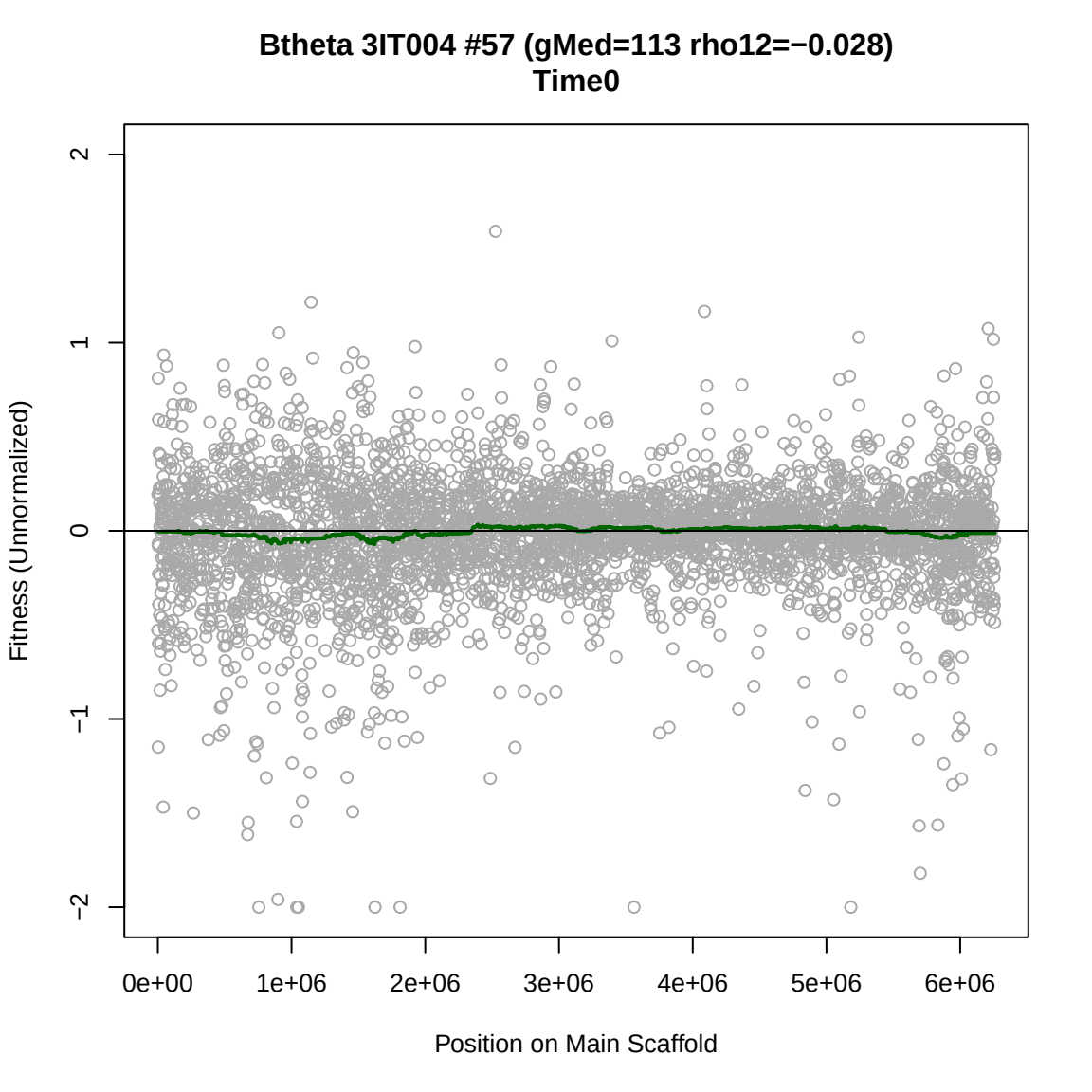

Btheta 2IT020 #52 (gMed=201 rho12=0.174)
D−Ribose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

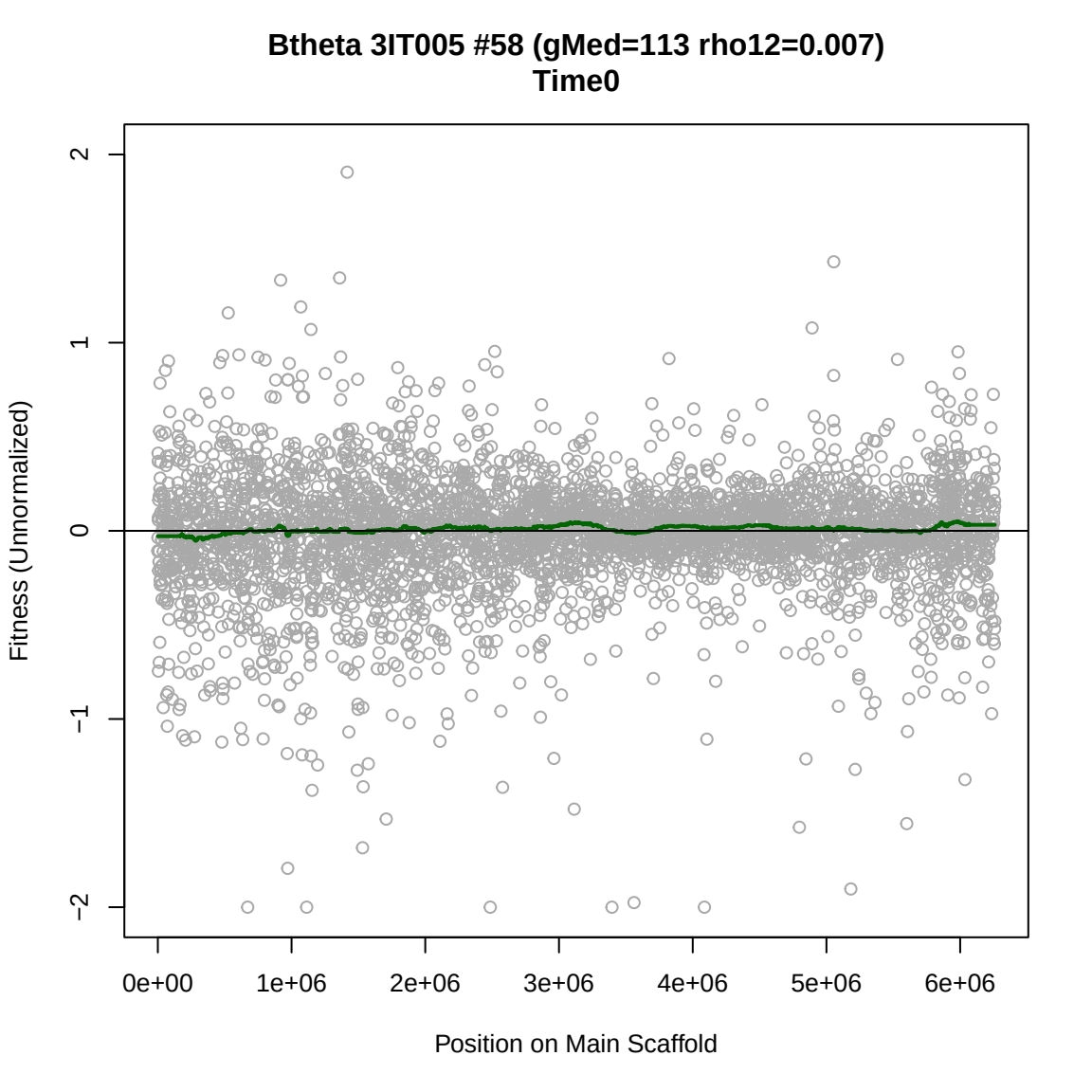

Btheta 2IT021 #53 (gMed=111 rho12=0.086)
D−Glucosamine Hydrochloride (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

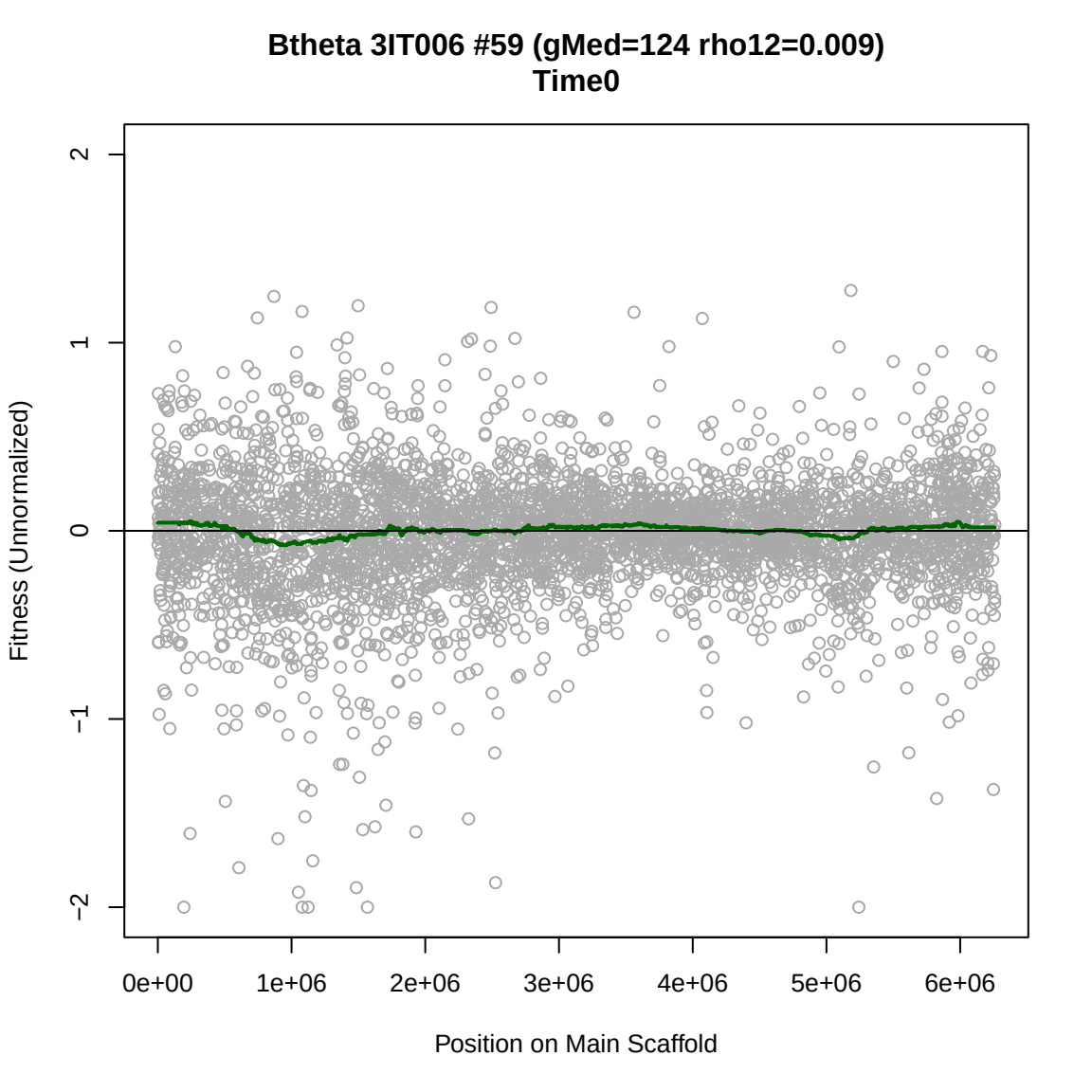

Btheta 3IT001 #54 (gMed=99 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

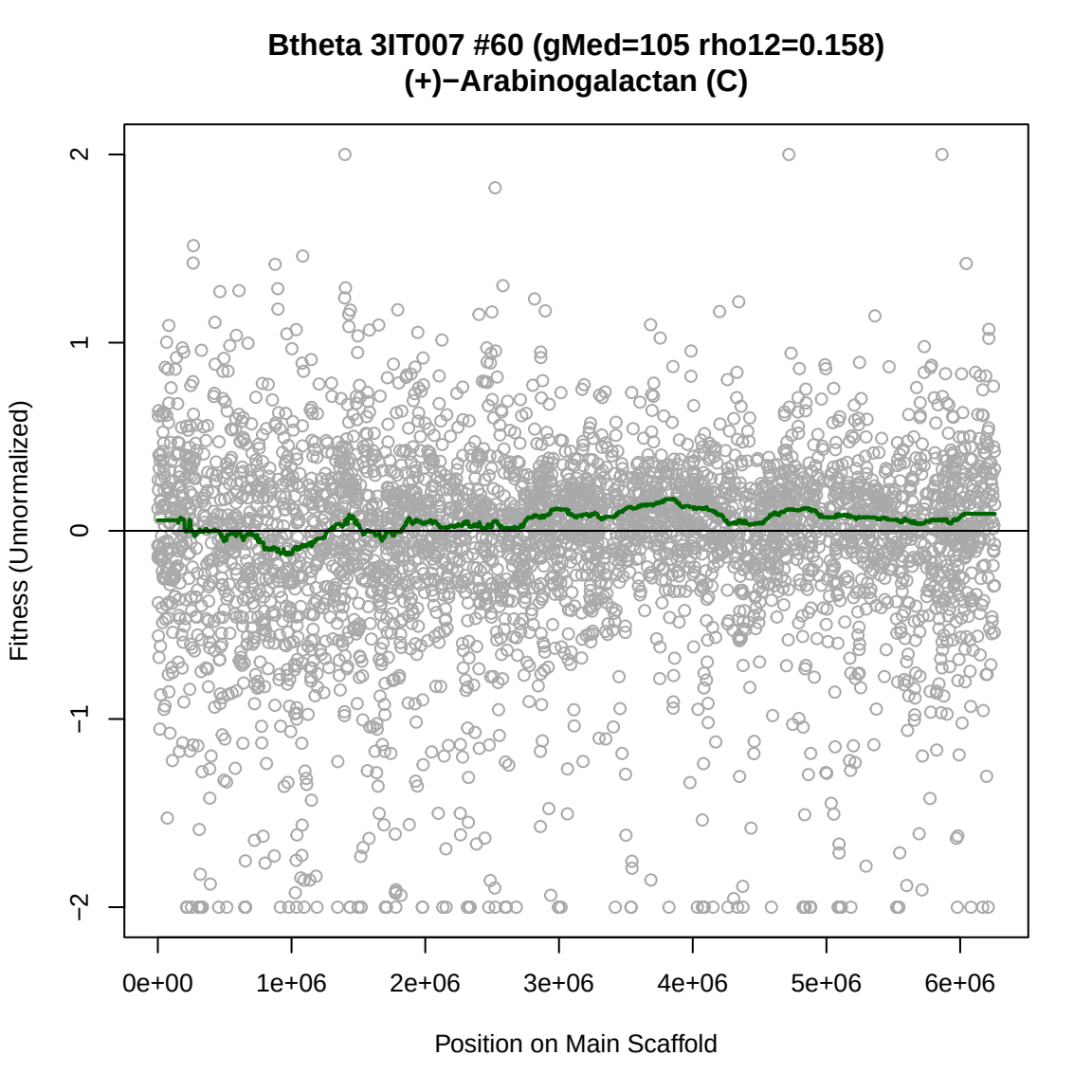

Btheta 3IT002 #55 (gMed=114 rho12=−0.035)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

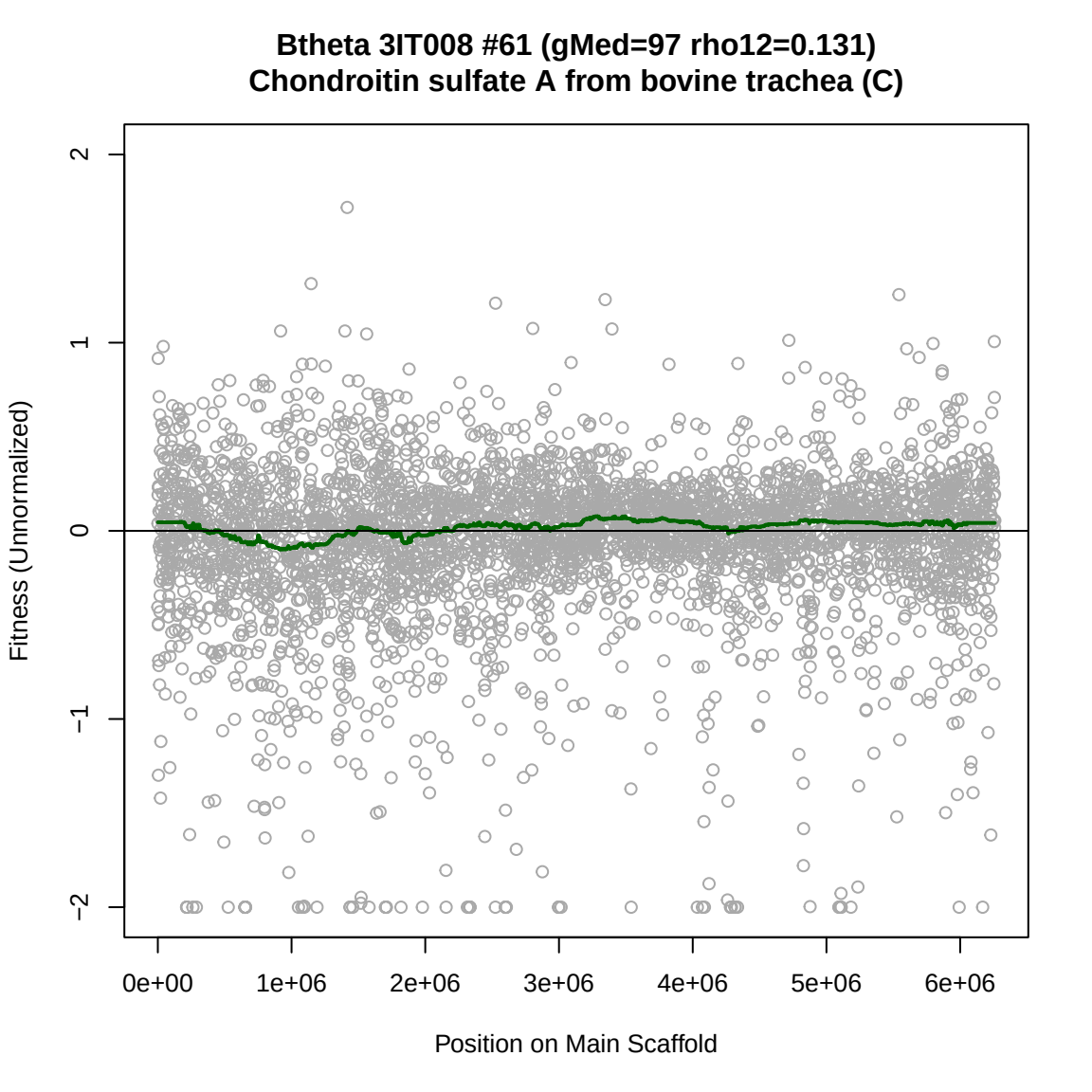

Btheta 3IT003 #56 (gMed=98 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

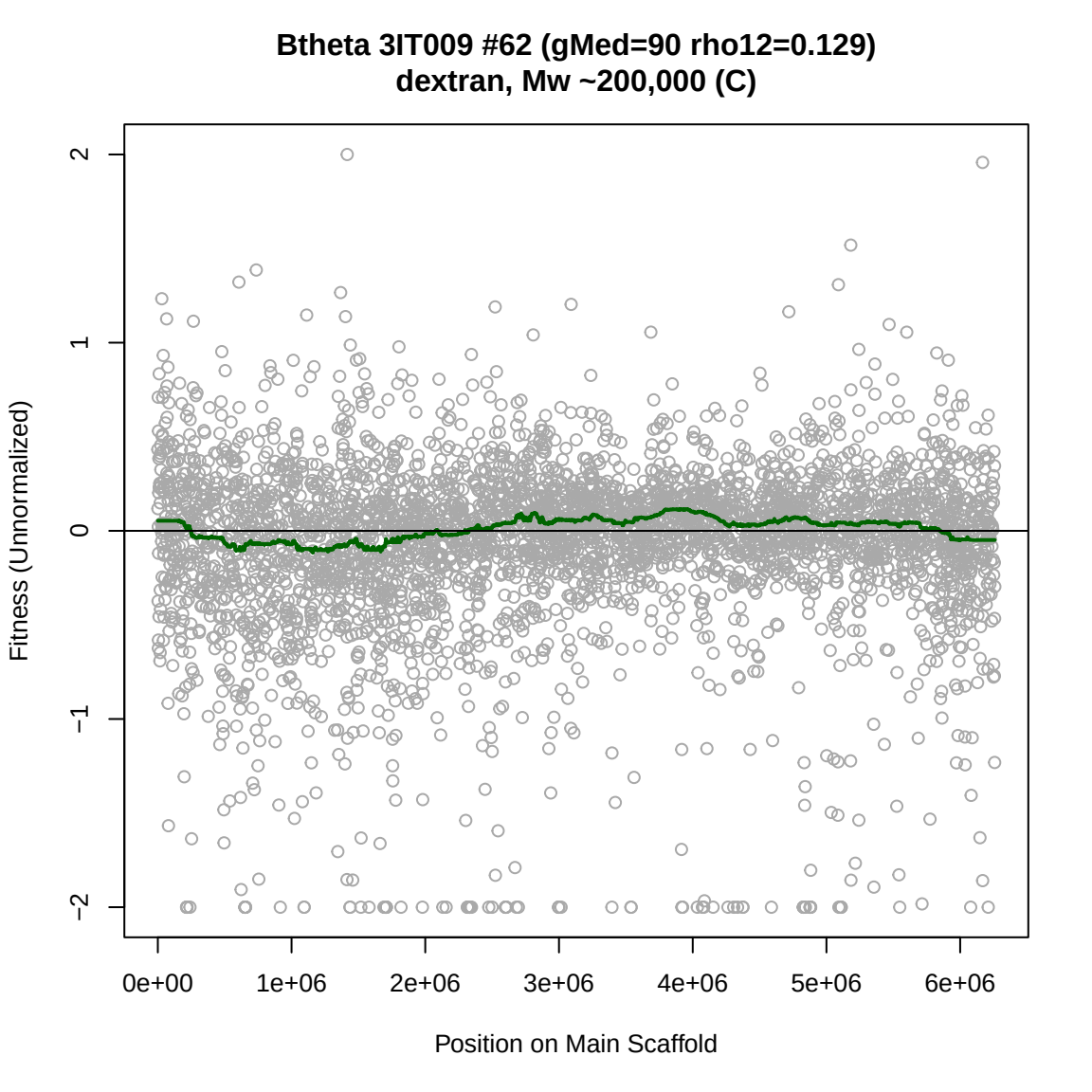

Btheta 3IT004 #57 (gMed=113 rho12=−0.028)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

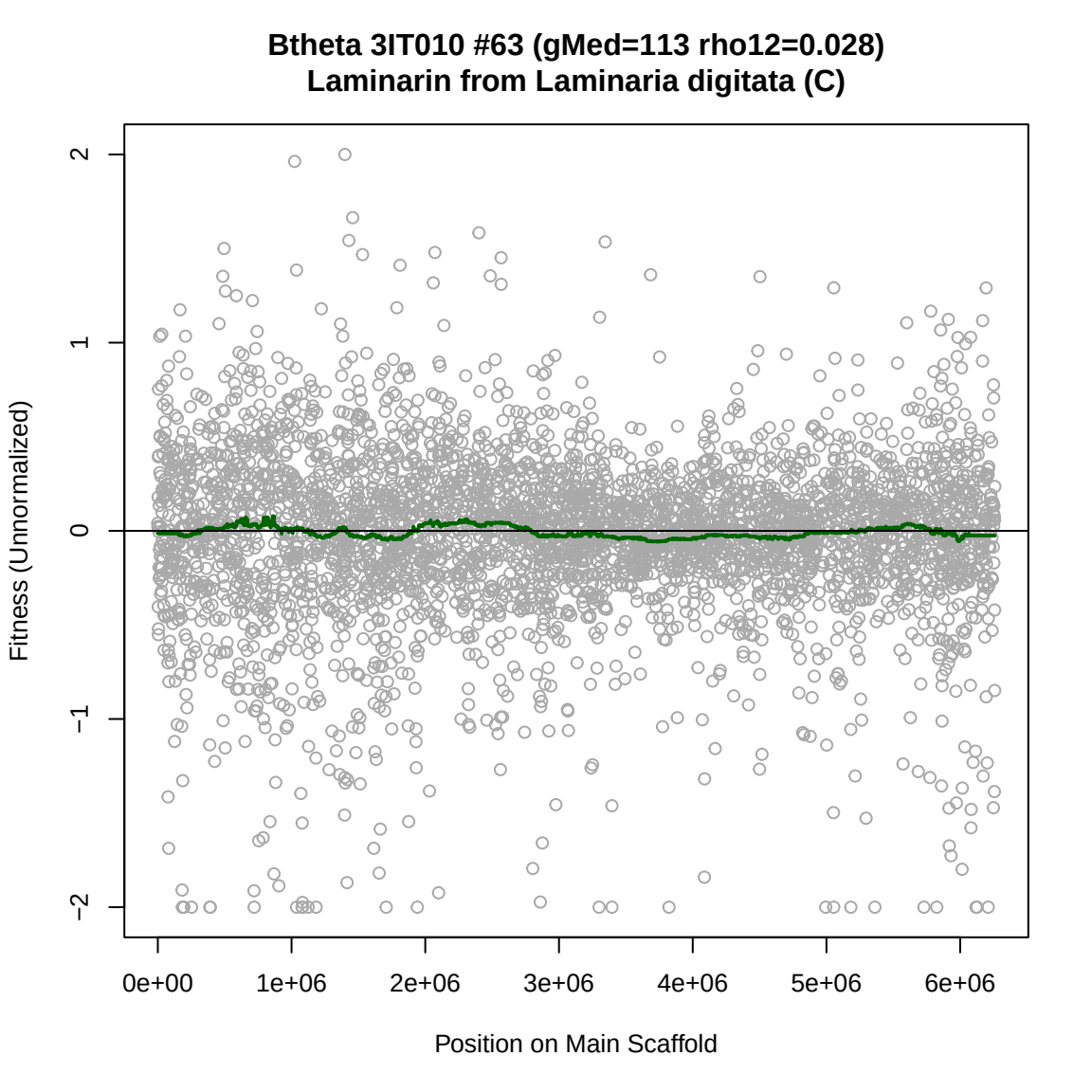

Btheta 3IT005 #58 (gMed=113 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

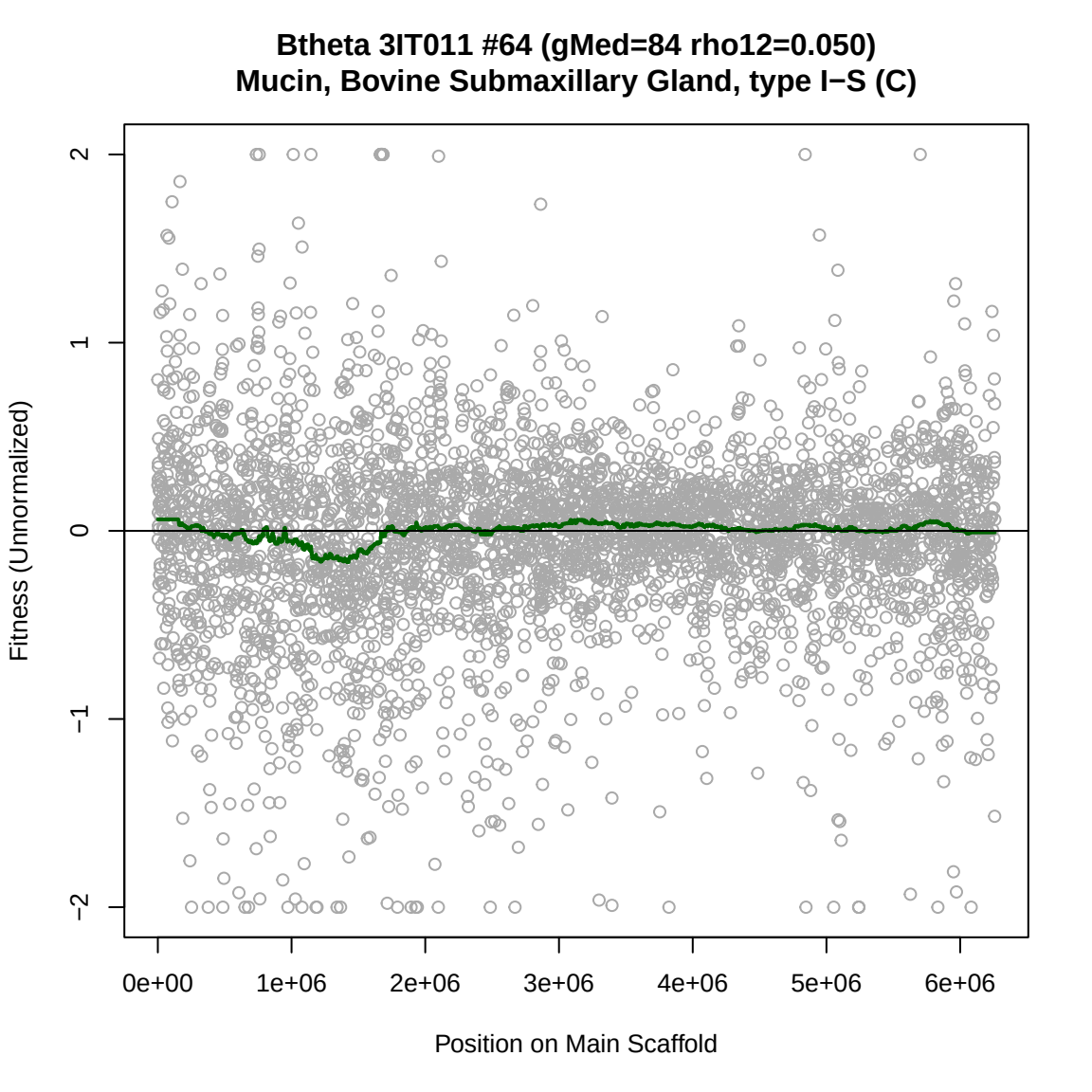

Btheta 3IT006 #59 (gMed=124 rho12=0.009)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

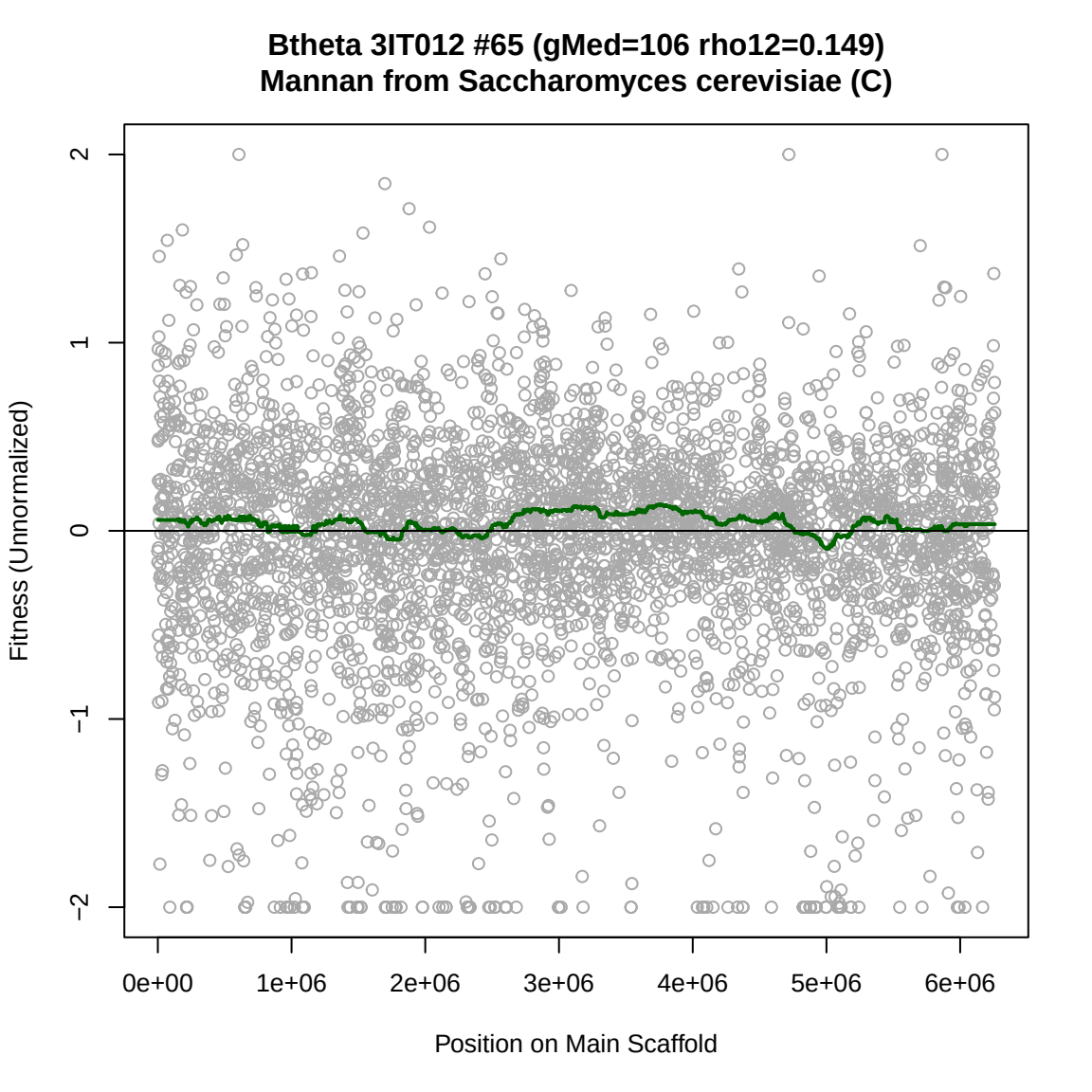

Btheta 3IT007 #60 (gMed=105 rho12=0.158)
(+)−Arabinogalactan (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

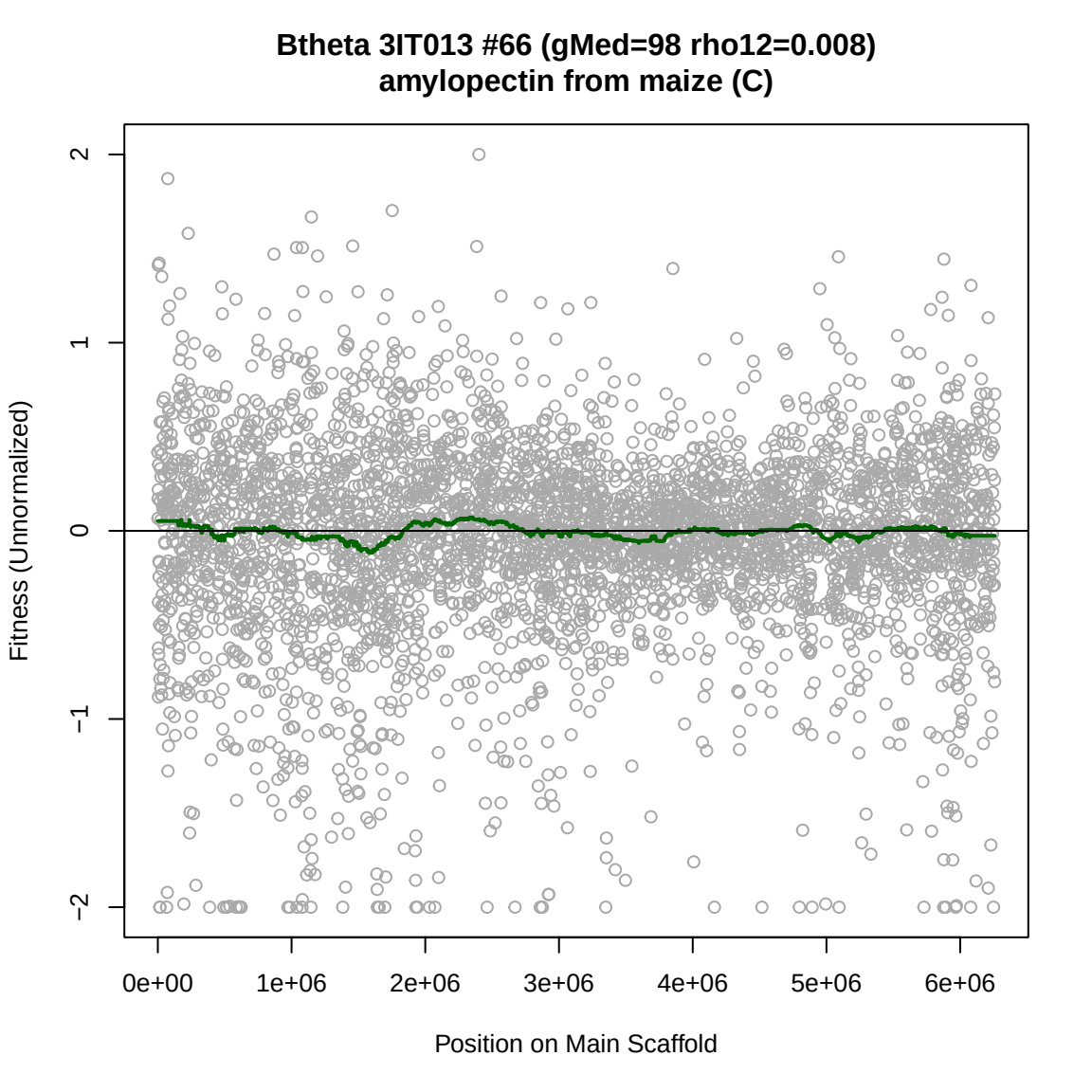

Btheta 3IT008 #61 (gMed=97 rho12=0.131)
Chondroitin sulfate A from bovine trachea (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

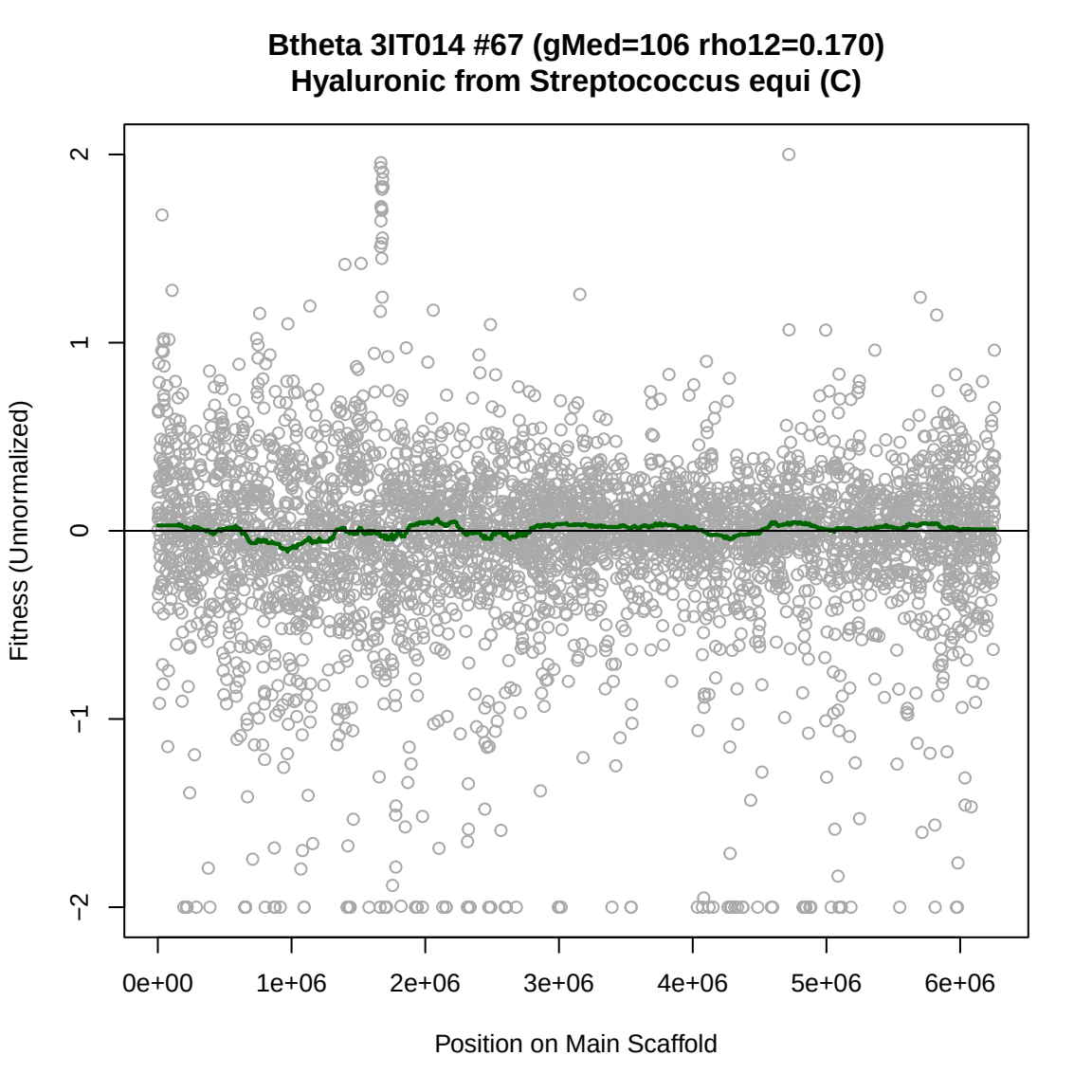

Btheta 3IT009 #62 (gMed=90 rho12=0.129)
dextran, Mw ~200,000 (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

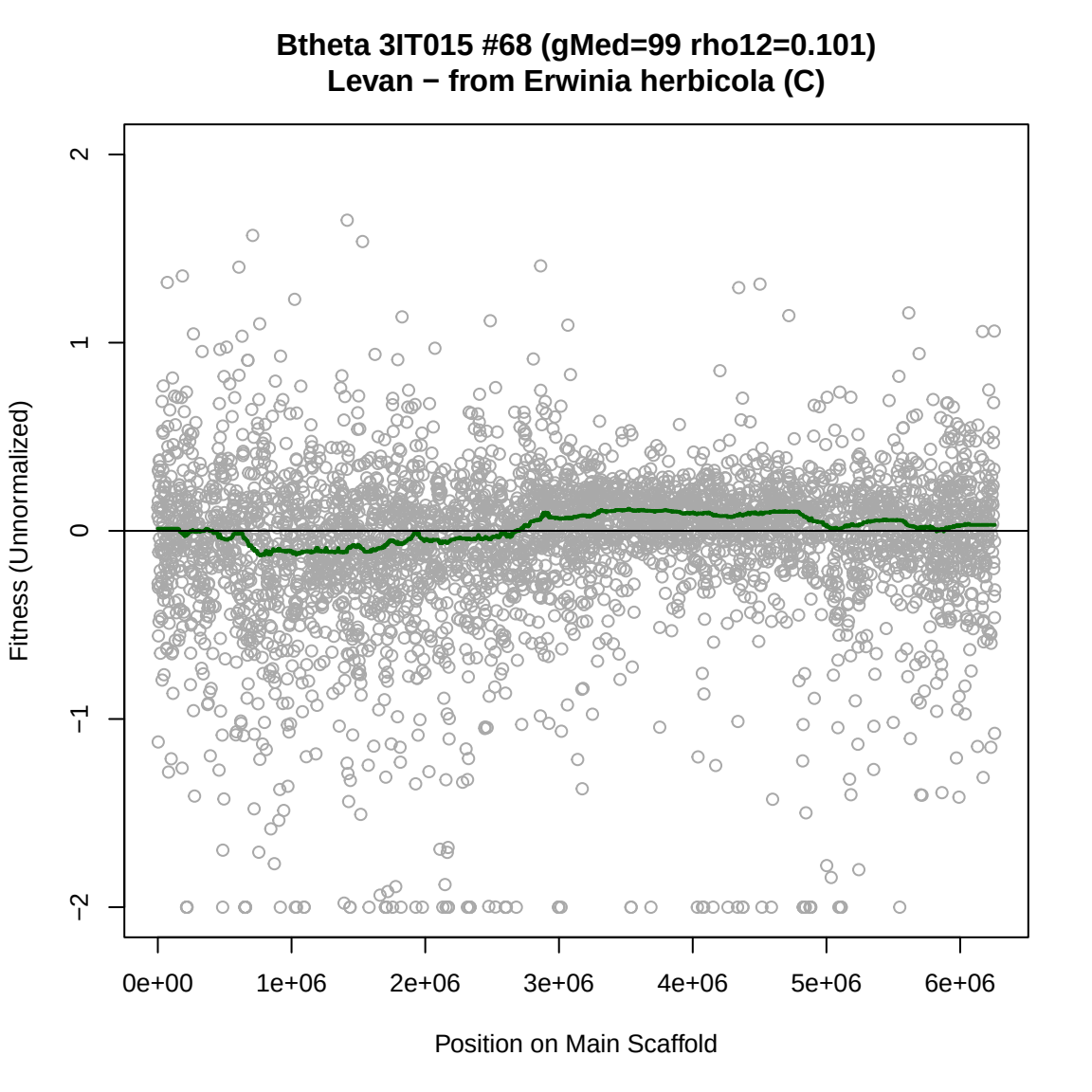

Btheta 3IT010 #63 (gMed=113 rho12=0.028)
Laminarin from Laminaria digitata (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

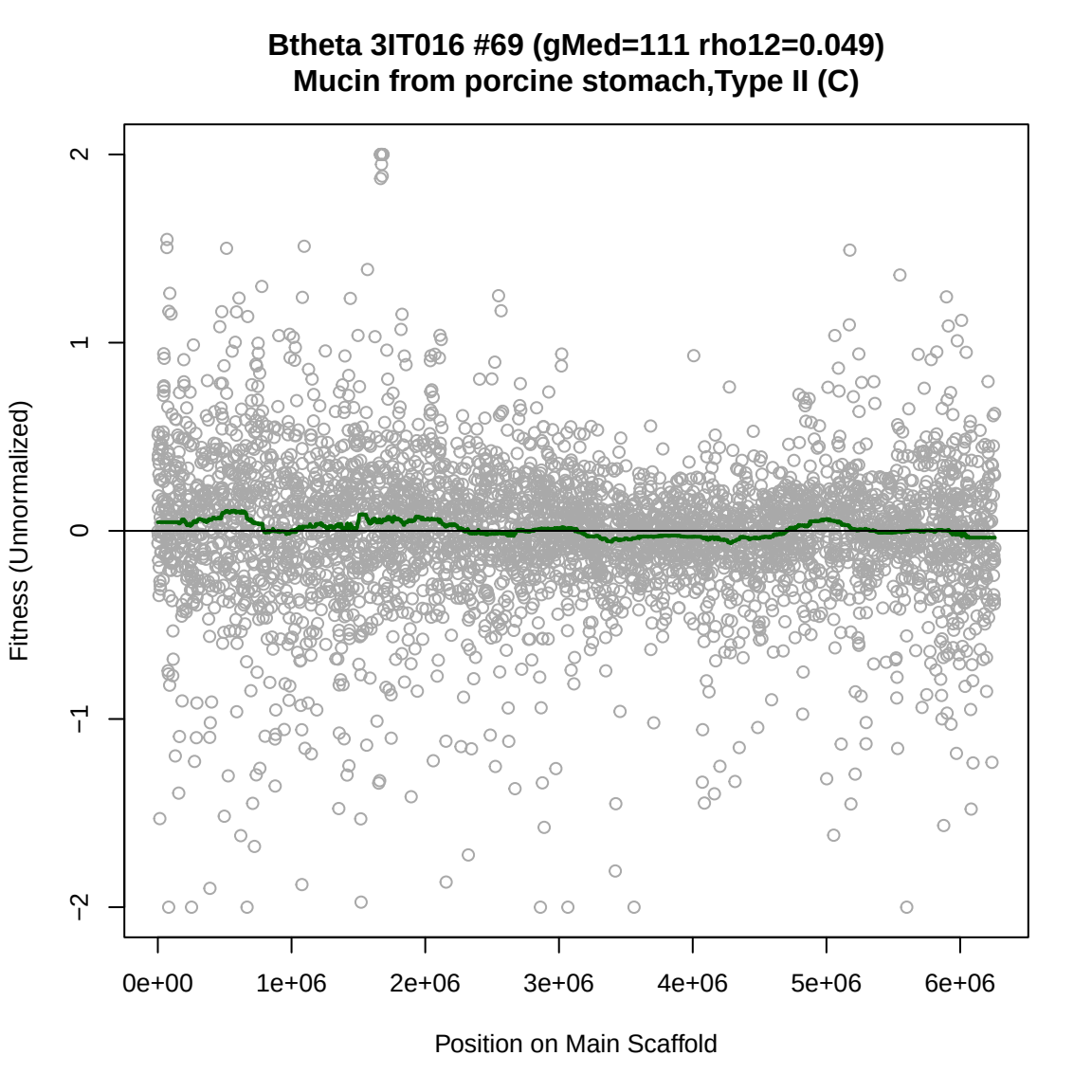

Btheta 3IT011 #64 (gMed=84 rho12=0.050)
Mucin, Bovine Submaxillary Gland, type I−S (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

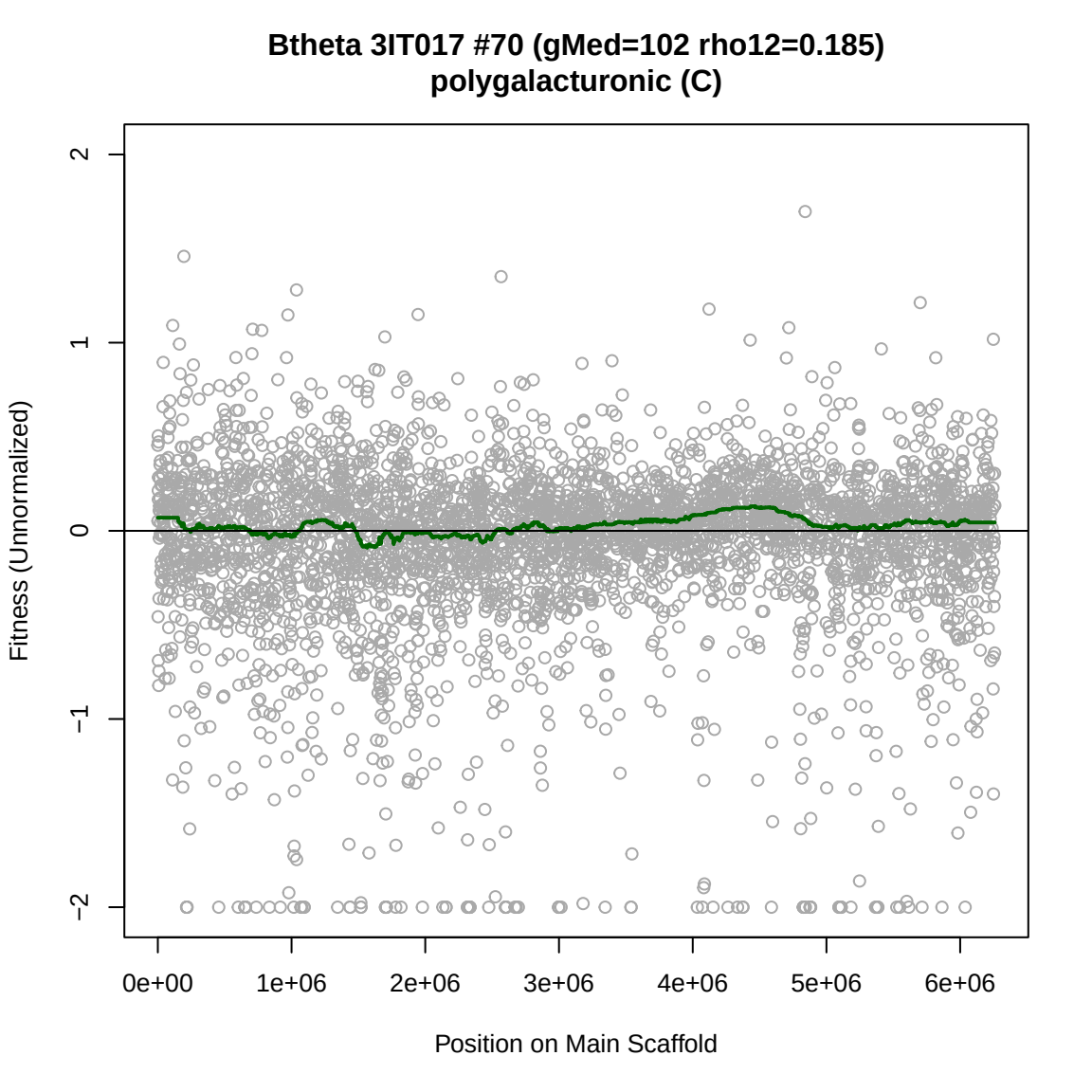

Btheta 3IT012 #65 (gMed=106 rho12=0.149)
Mannan from Saccharomyces cerevisiae (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

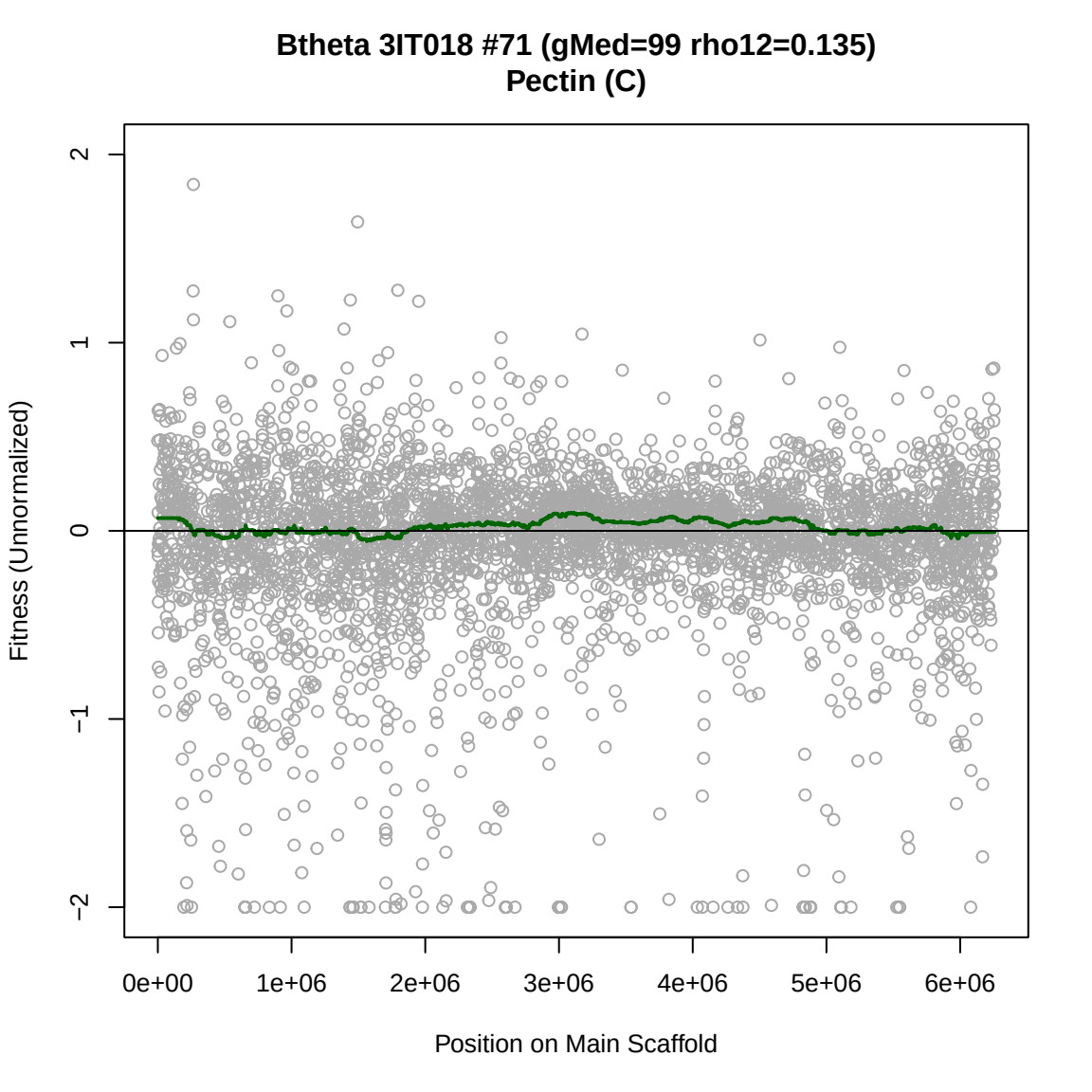

Btheta 3IT013 #66 (gMed=98 rho12=0.008)
amylopectin from maize (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

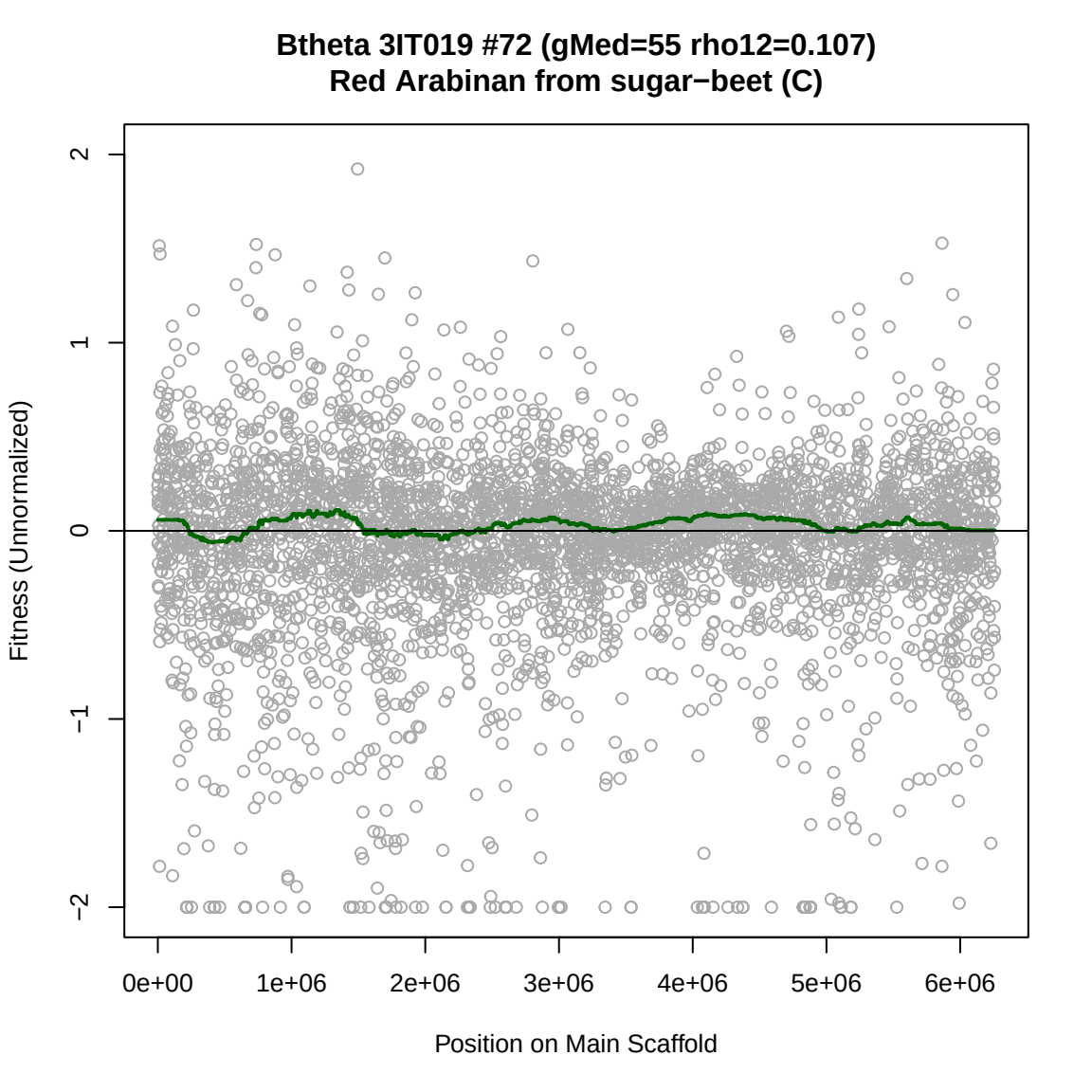

Btheta 3IT014 #67 (gMed=106 rho12=0.170)
Hyaluronic from Streptococcus equi (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

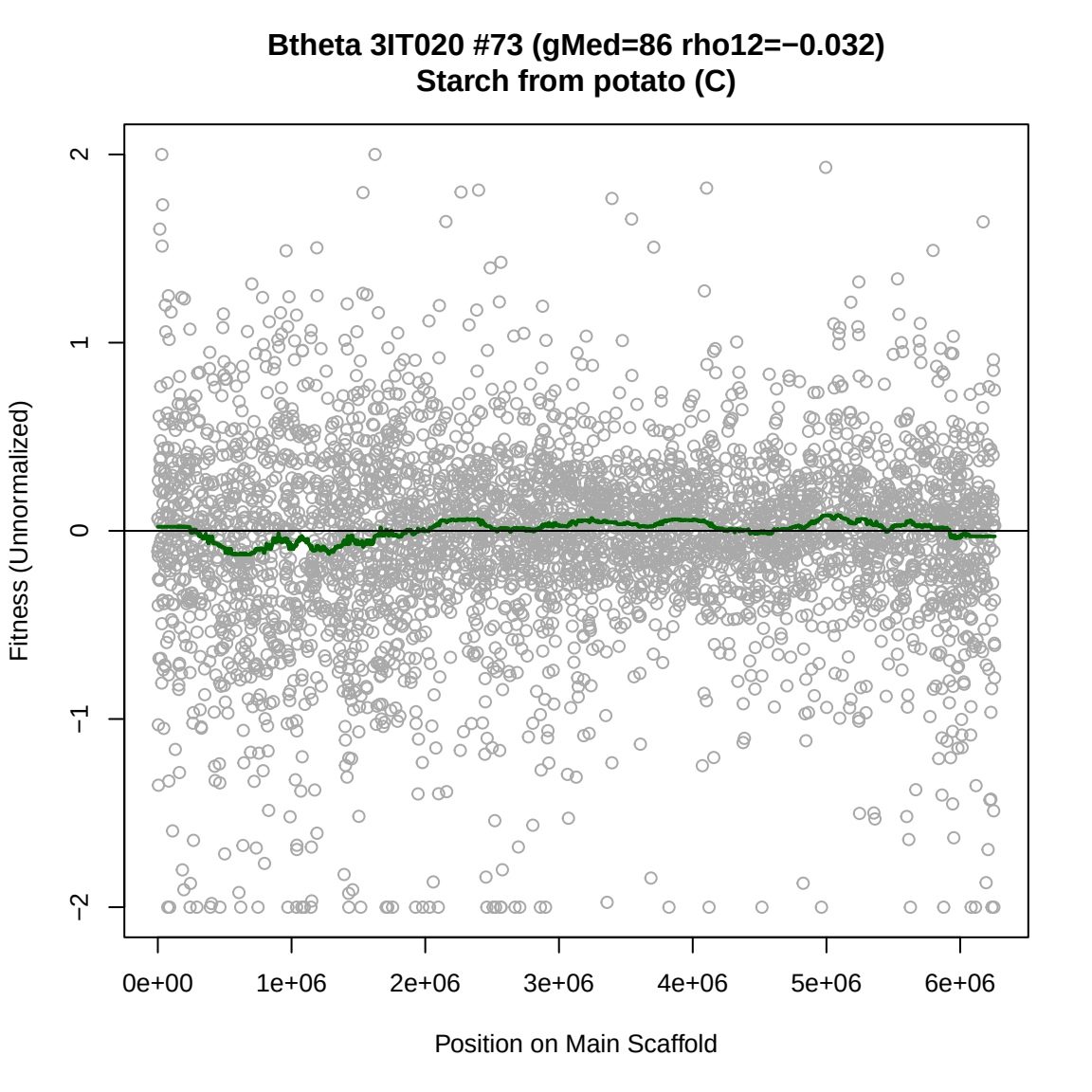

Btheta 3IT015 #68 (gMed=99 rho12=0.101)
Levan − from Erwinia herbicola (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

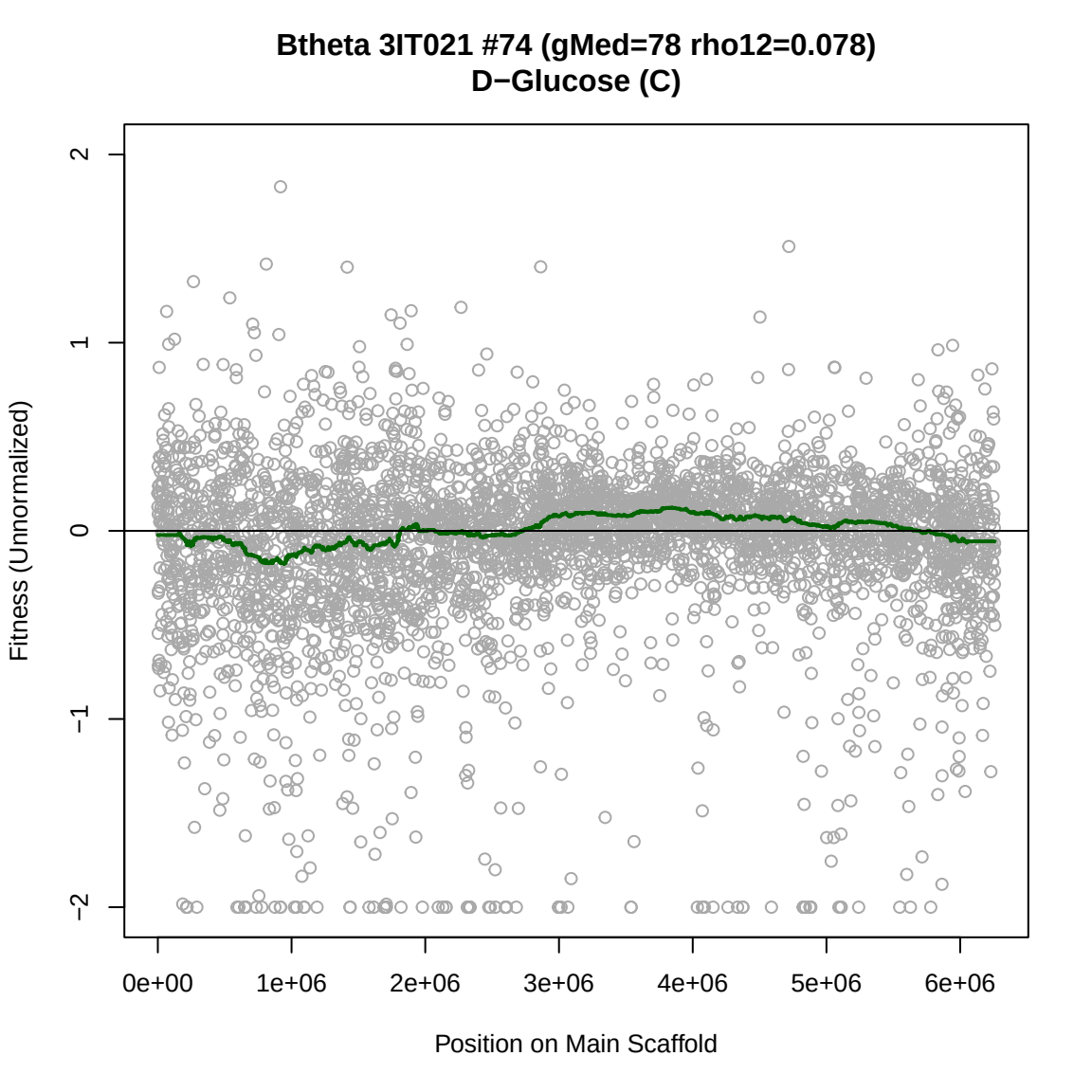

Btheta 3IT016 #69 (gMed=111 rho12=0.049)
Mucin from porcine stomach,Type II (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

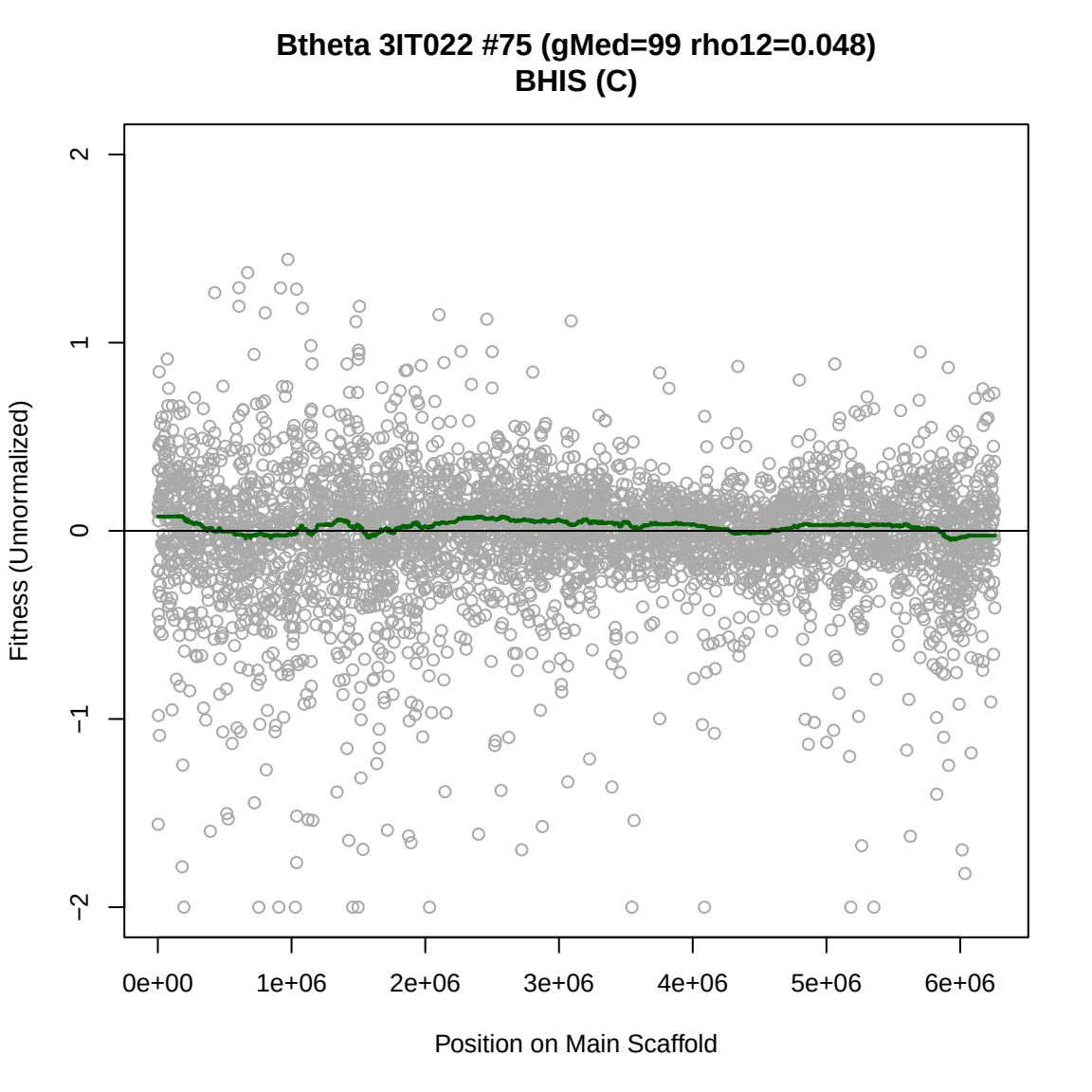

Btheta 3IT017 #70 (gMed=102 rho12=0.185)
polygalacturonic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

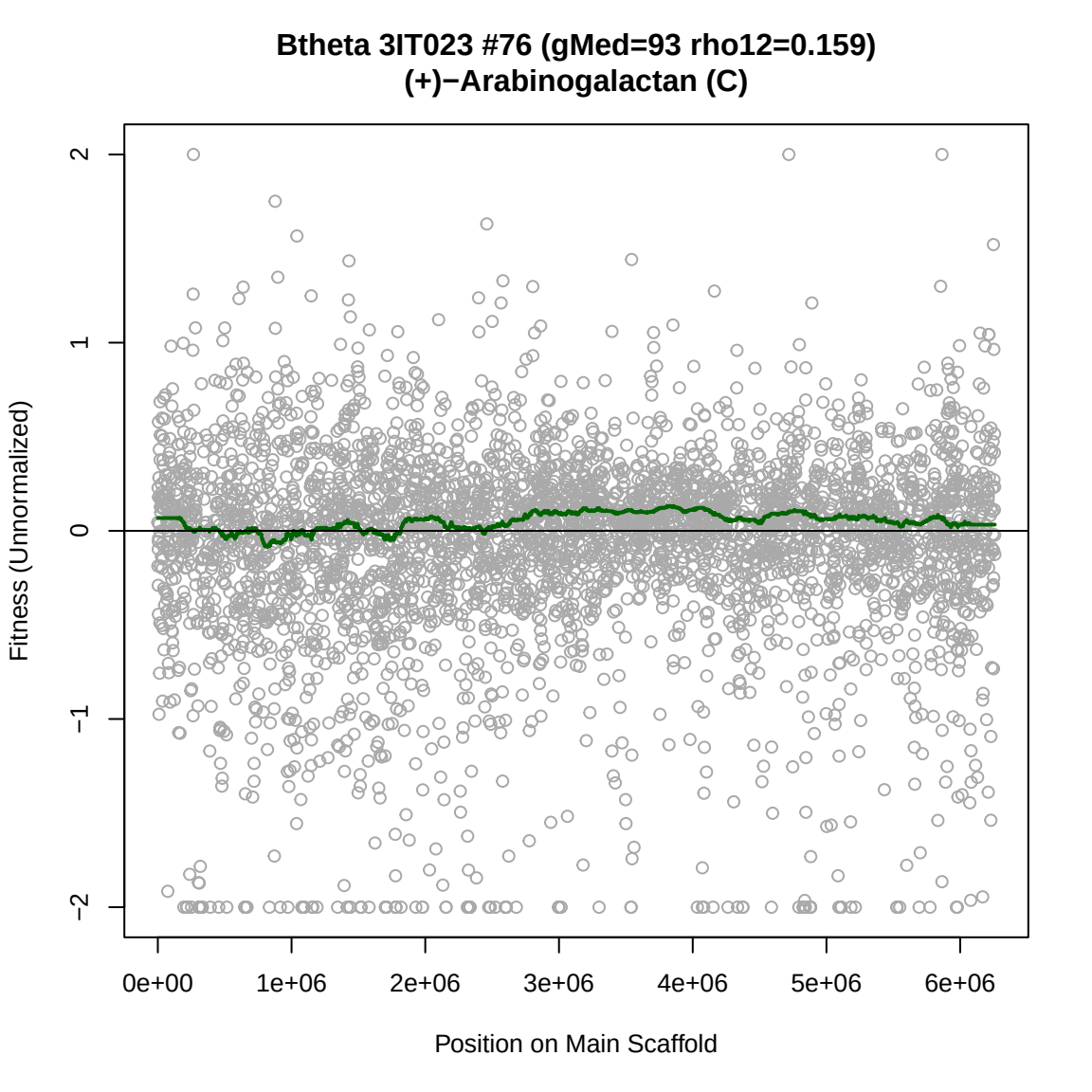

Btheta 3IT018 #71 (gMed=99 rho12=0.135)
Pectin (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

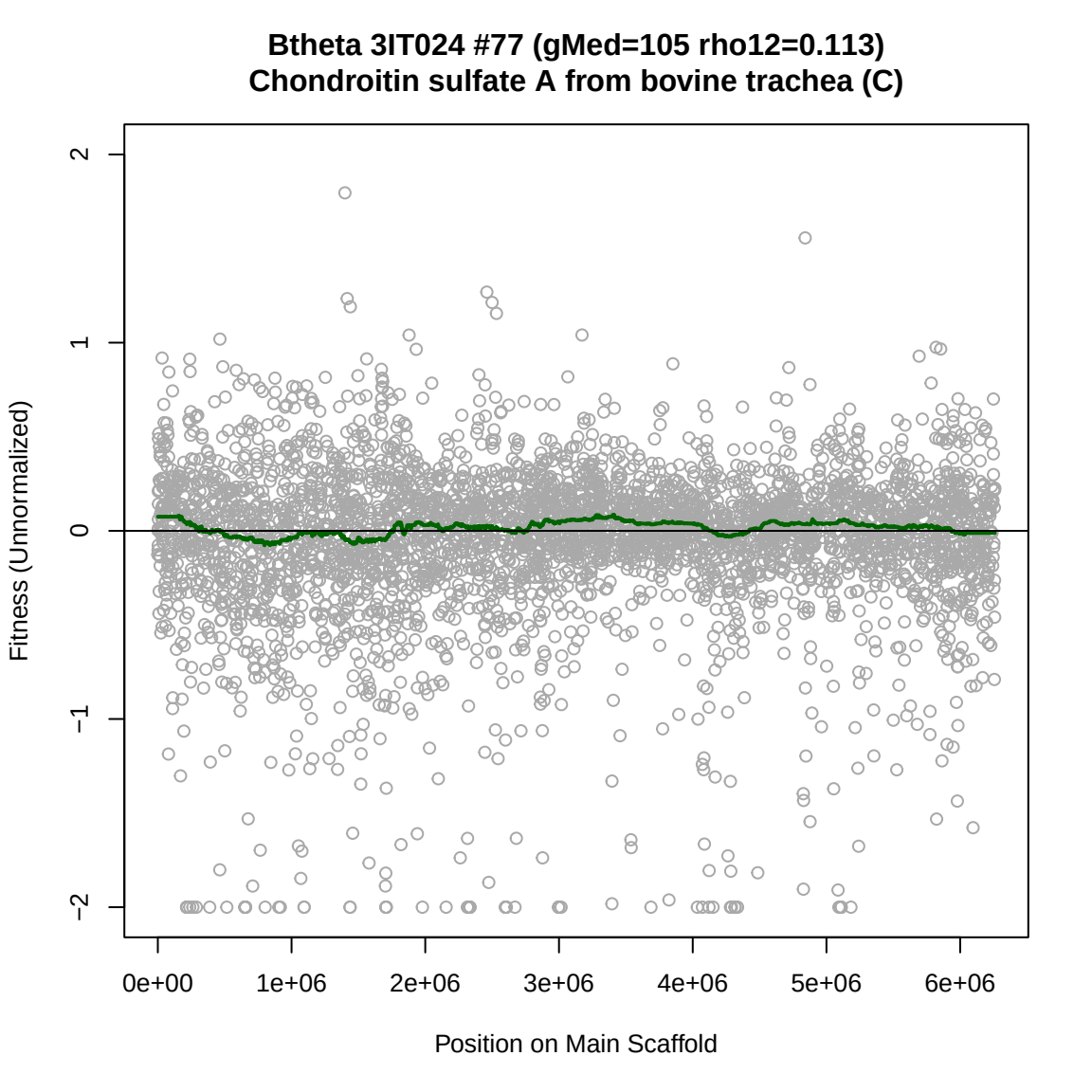

Btheta 3IT019 #72 (gMed=55 rho12=0.107)
Red Arabinan from sugar−beet (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

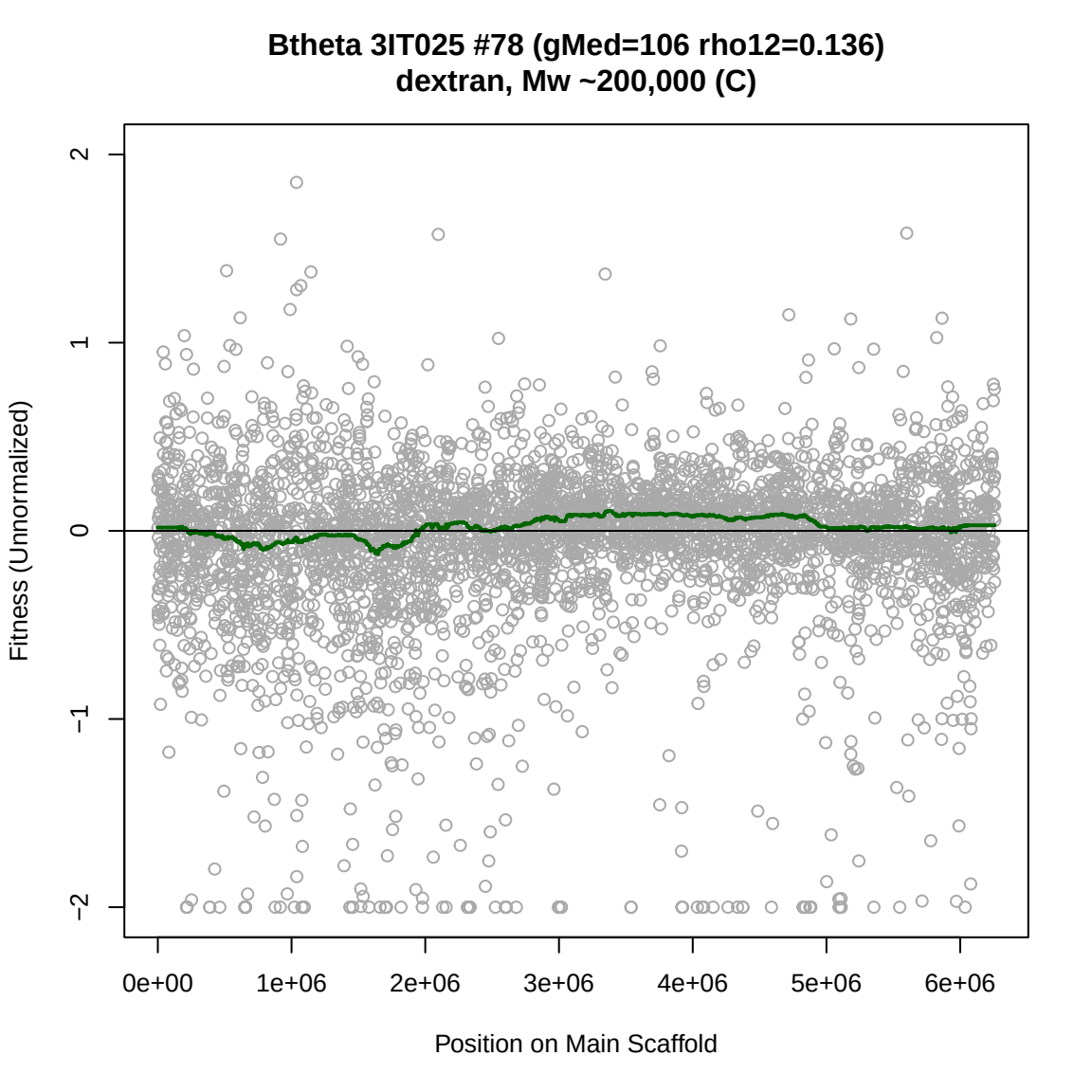

Btheta 3IT020 #73 (gMed=86 rho12=−0.032)
Starch from potato (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

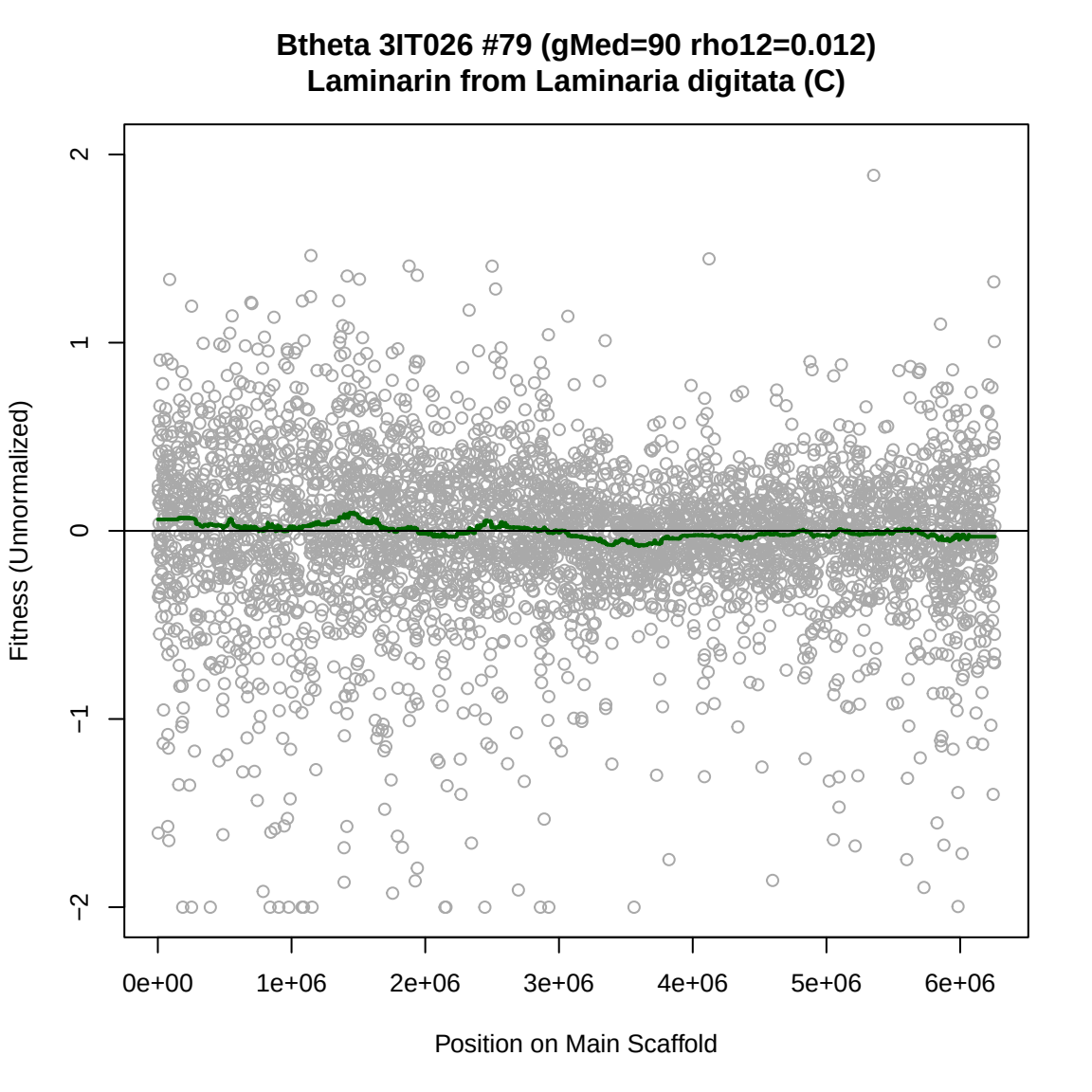

Btheta 3IT021 #74 (gMed=78 rho12=0.078)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

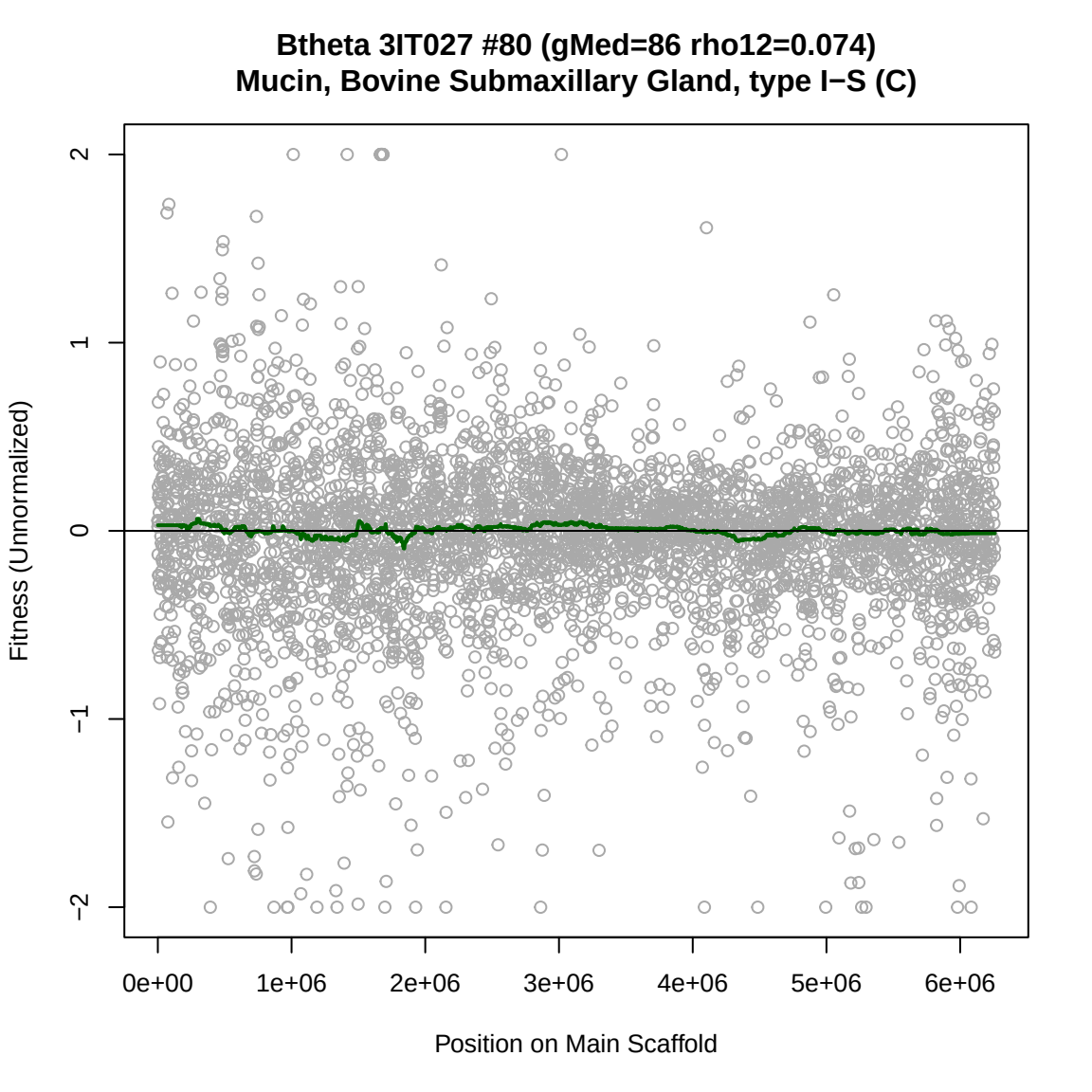

Btheta 3IT022 #75 (gMed=99 rho12=0.048)
BHIS (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

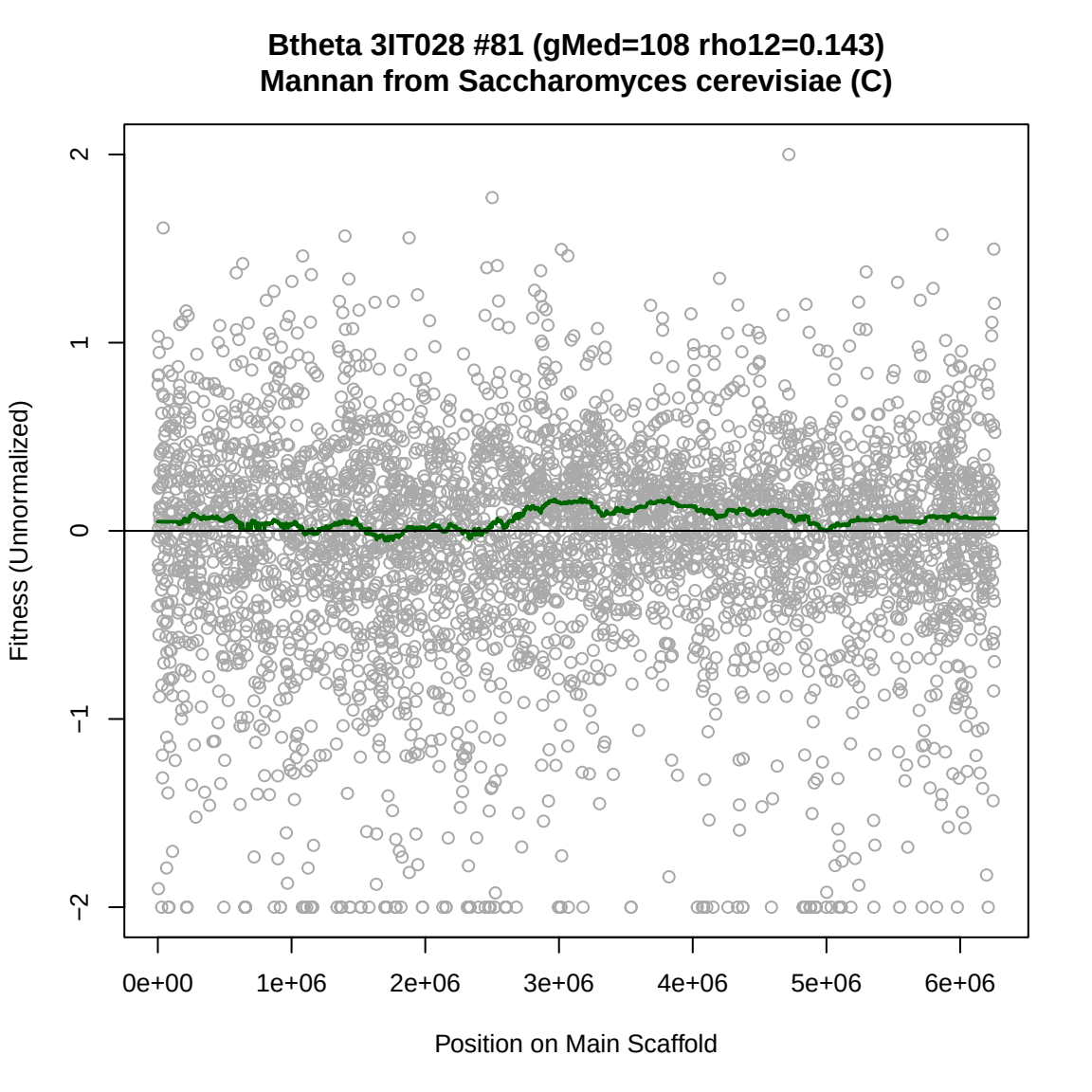

Btheta 3IT023 #76 (gMed=93 rho12=0.159)
(+)−Arabinogalactan (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

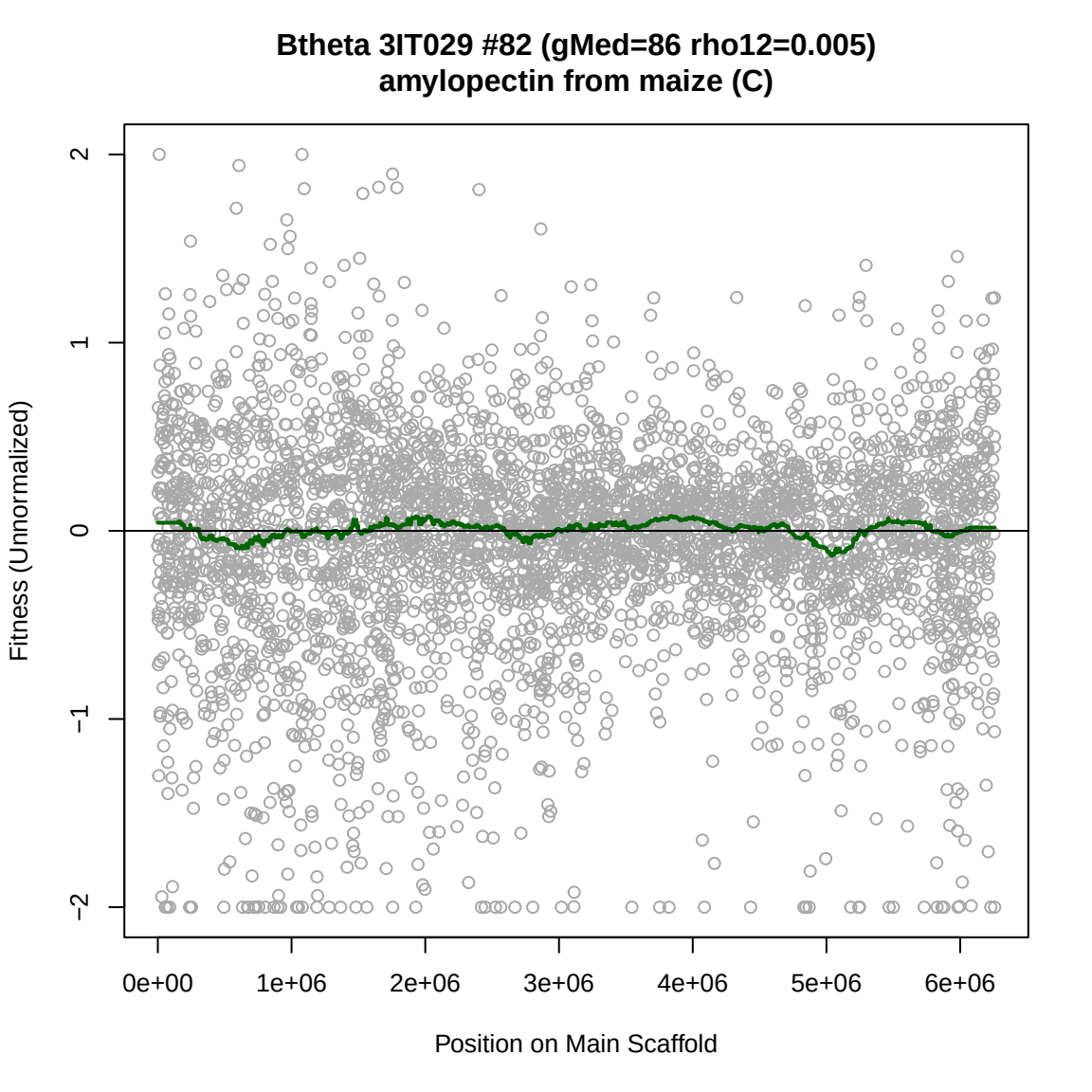

Btheta 3IT024 #77 (gMed=105 rho12=0.113)
Chondroitin sulfate A from bovine trachea (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

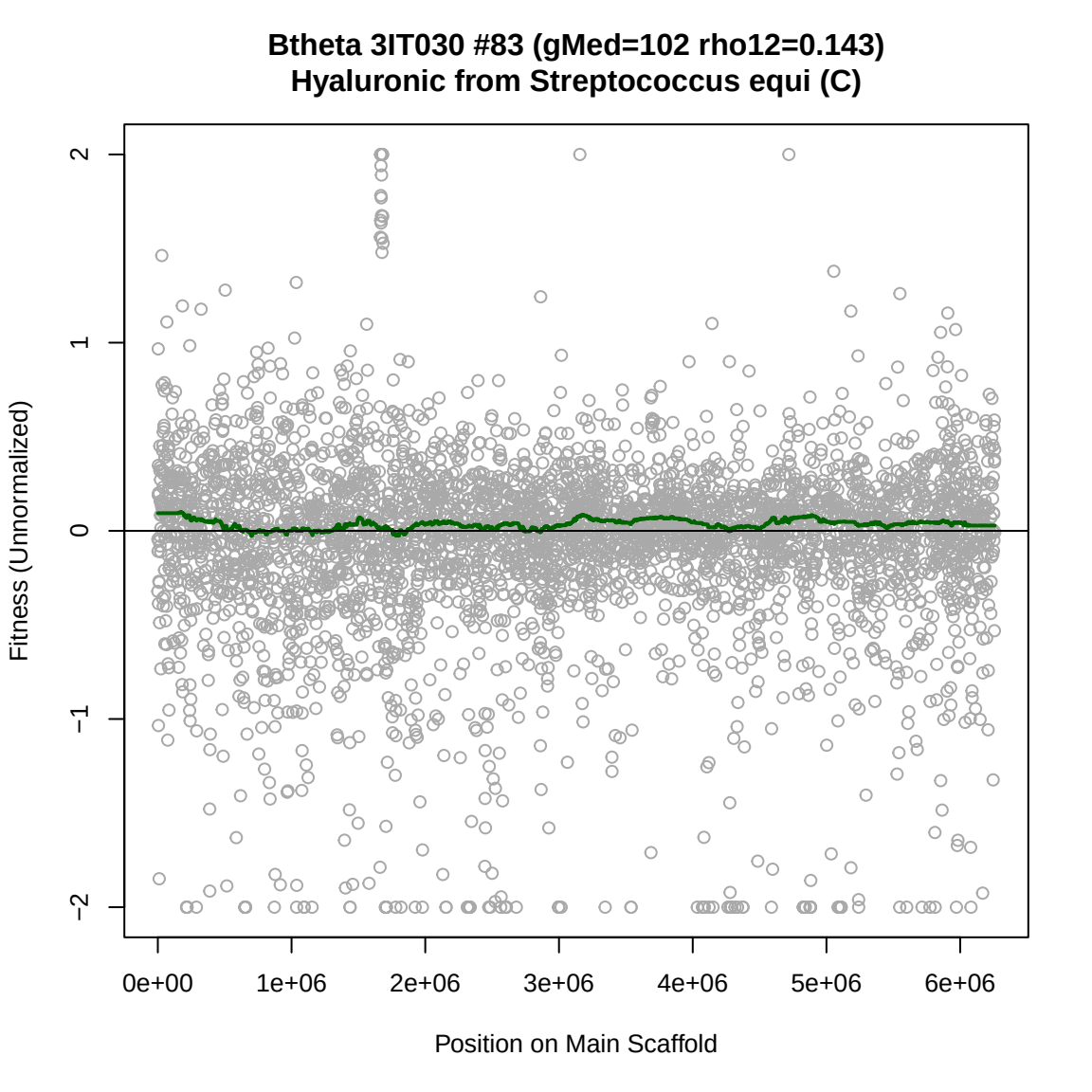

Btheta 3IT025 #78 (gMed=106 rho12=0.136)
dextran, Mw ~200,000 (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

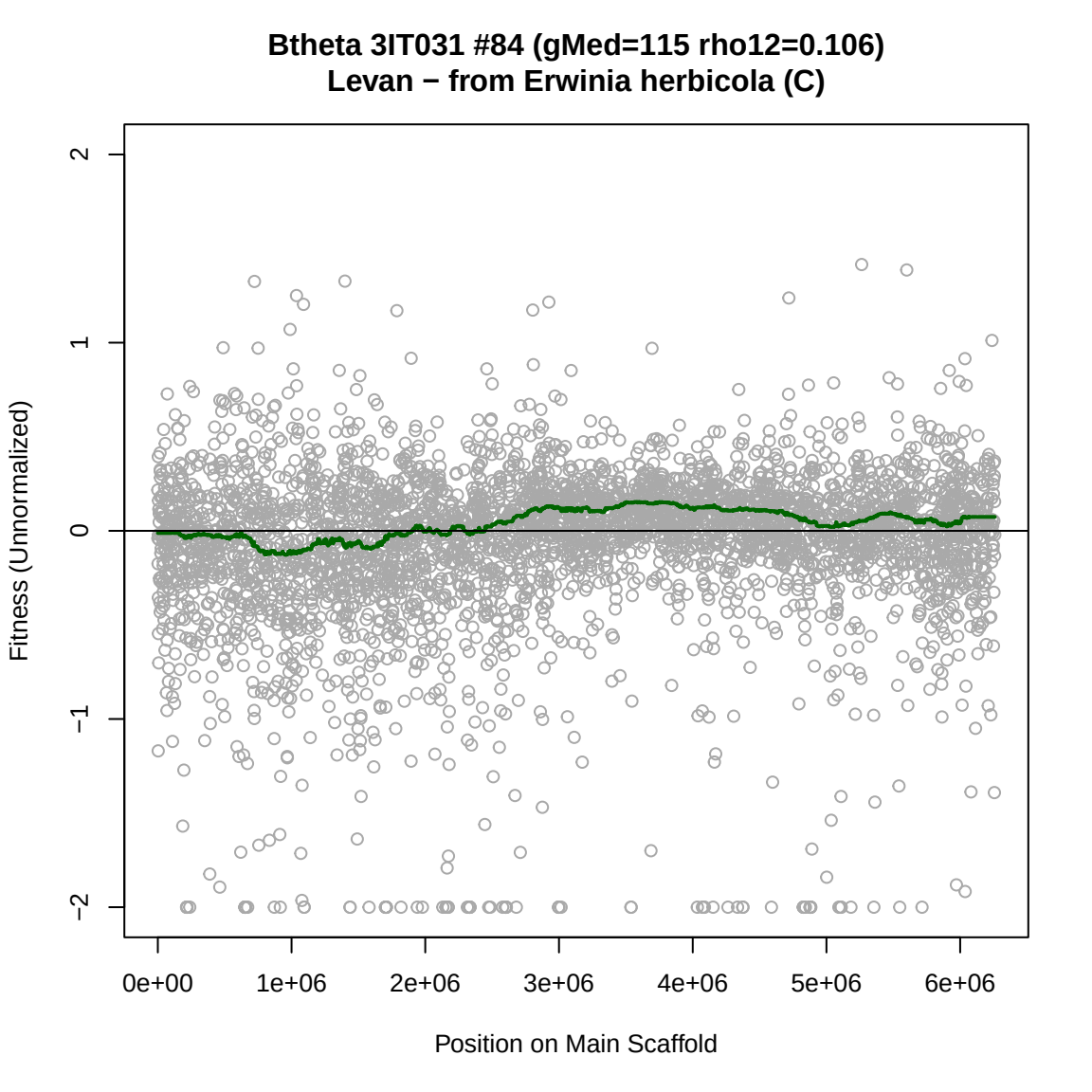

Btheta 3IT026 #79 (gMed=90 rho12=0.012)
Laminarin from Laminaria digitata (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

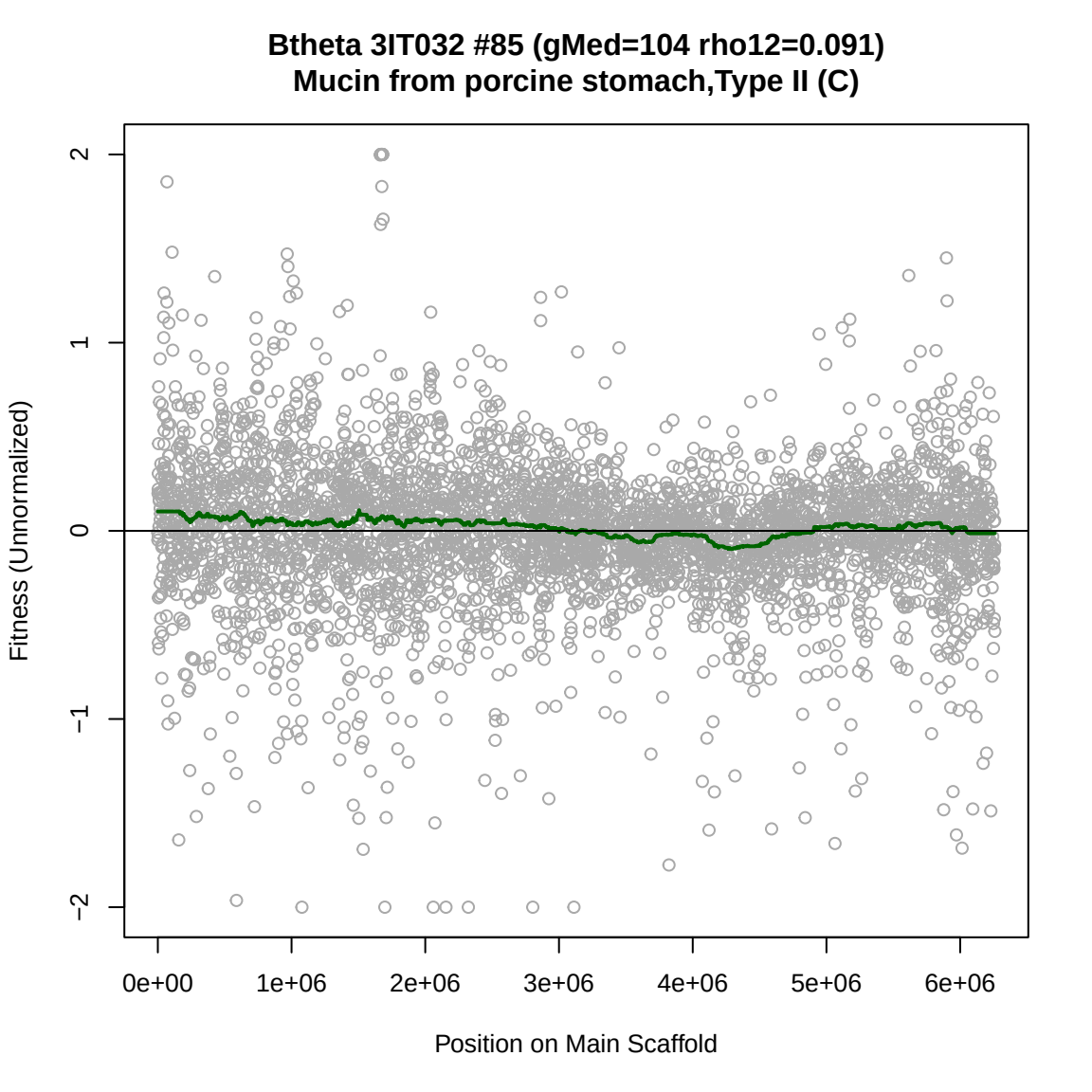

Btheta 3IT027 #80 (gMed=86 rho12=0.074)
Mucin, Bovine Submaxillary Gland, type I−S (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

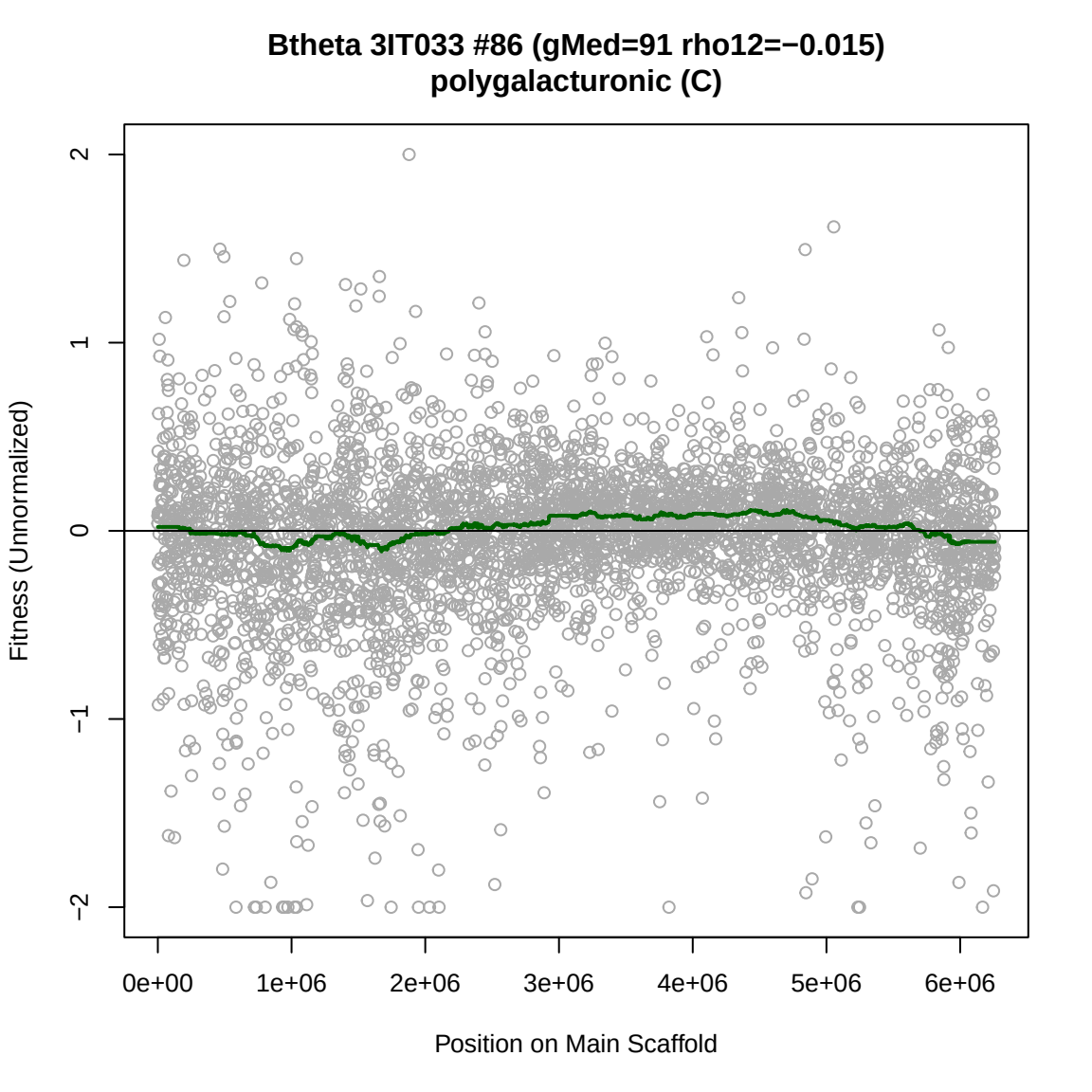

Btheta 3IT028 #81 (gMed=108 rho12=0.143)
Mannan from Saccharomyces cerevisiae (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

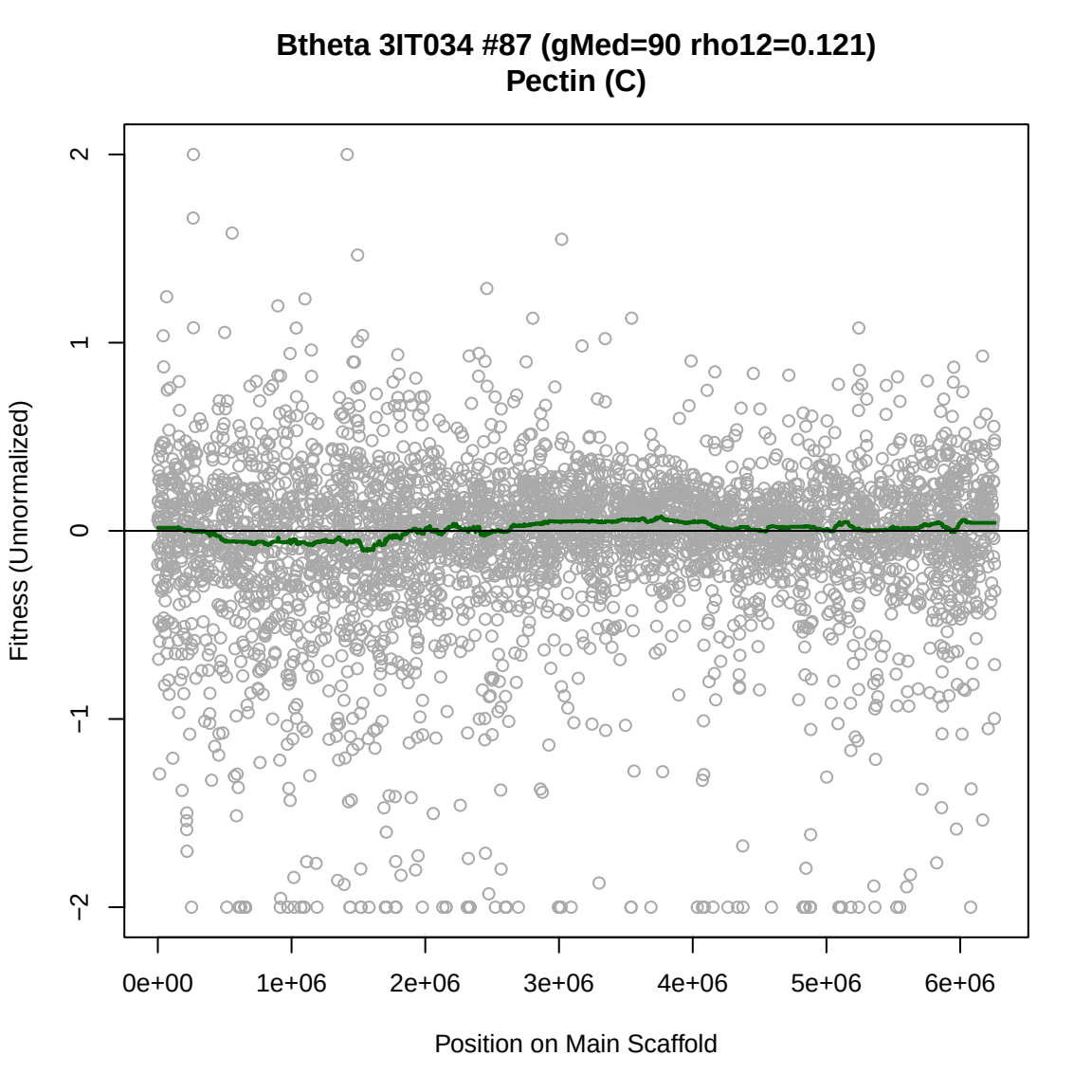

Btheta 3IT029 #82 (gMed=86 rho12=0.005)
amylopectin from maize (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

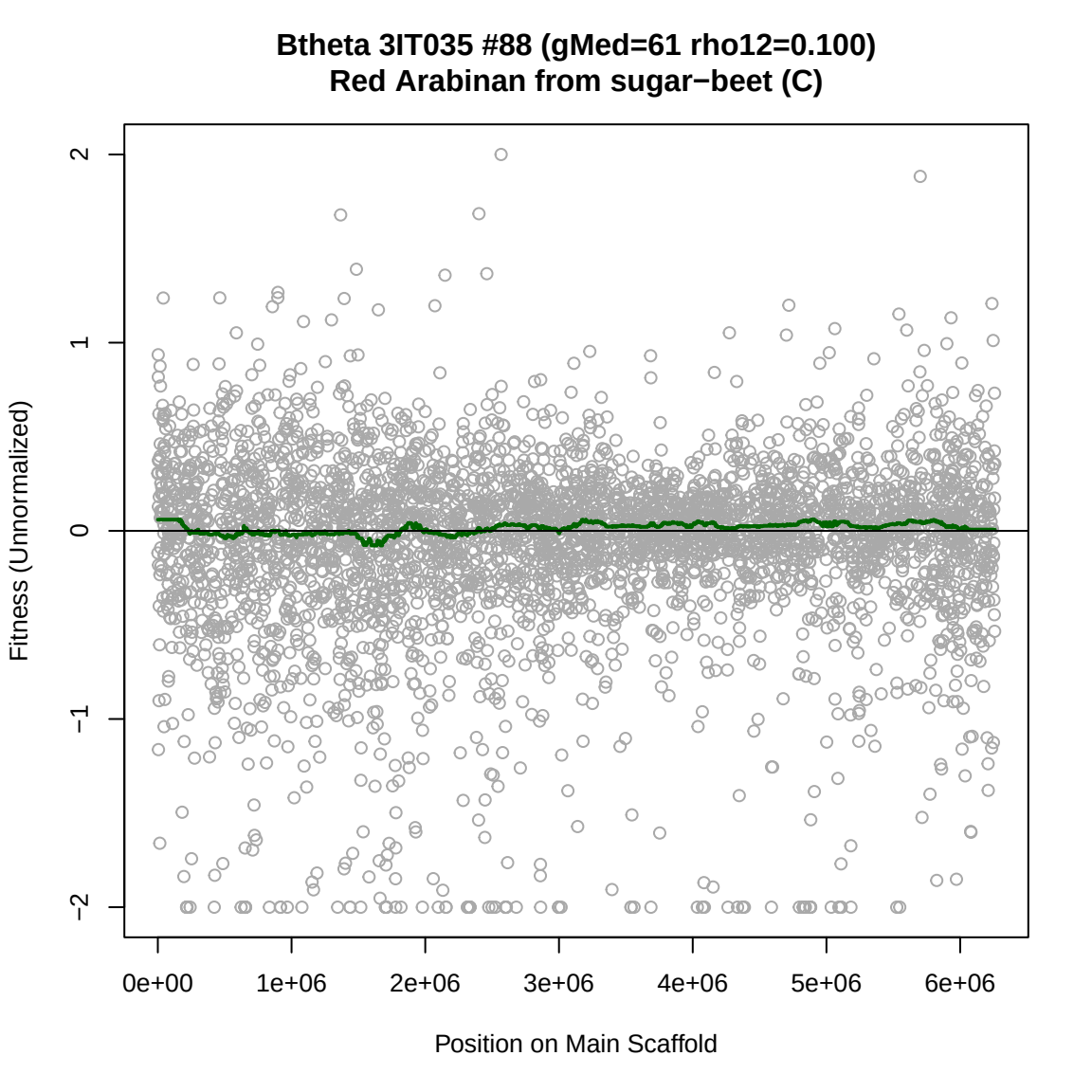

Btheta 3IT030 #83 (gMed=102 rho12=0.143)
Hyaluronic from Streptococcus equi (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

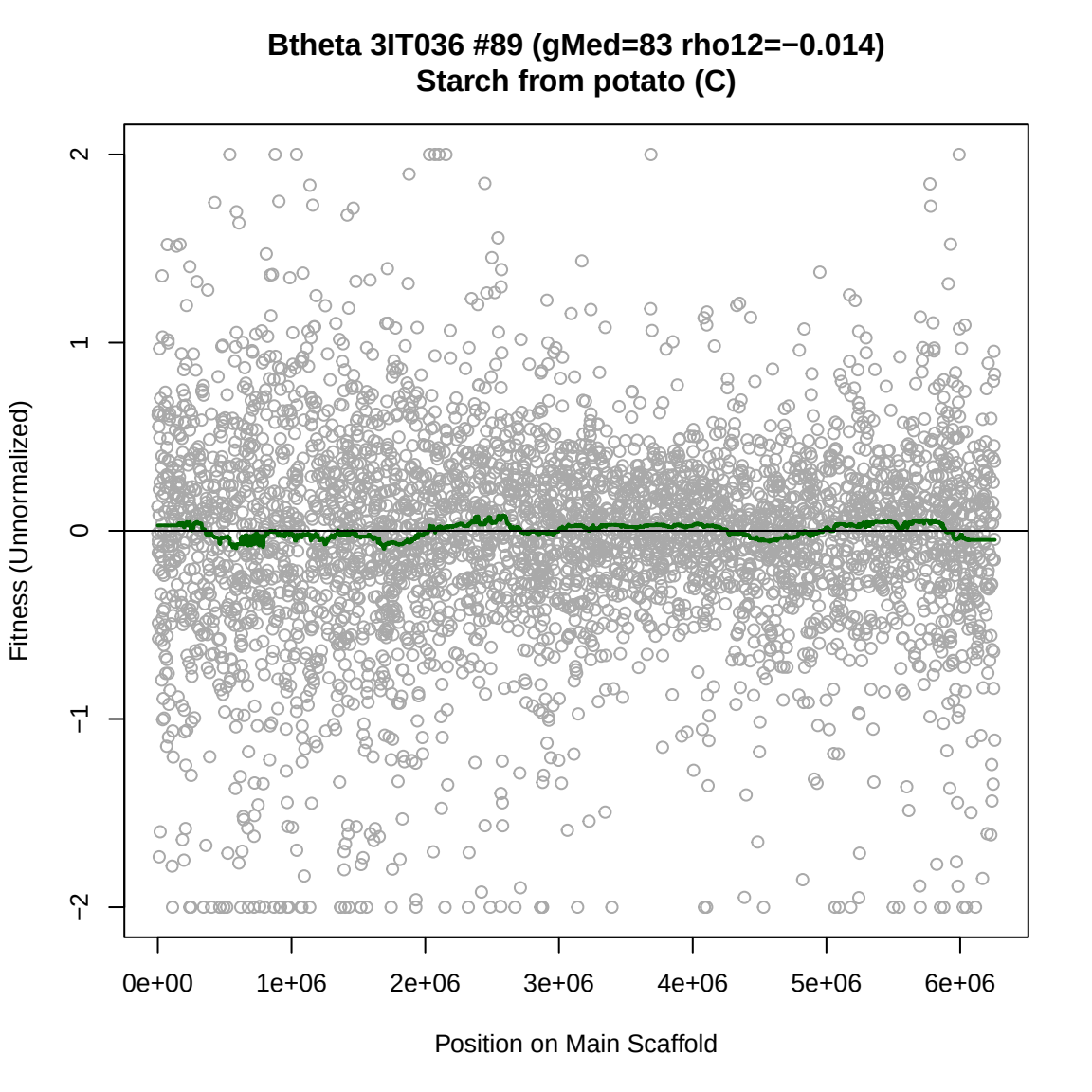

Btheta 3IT031 #84 (gMed=115 rho12=0.106)
Levan − from Erwinia herbicola (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

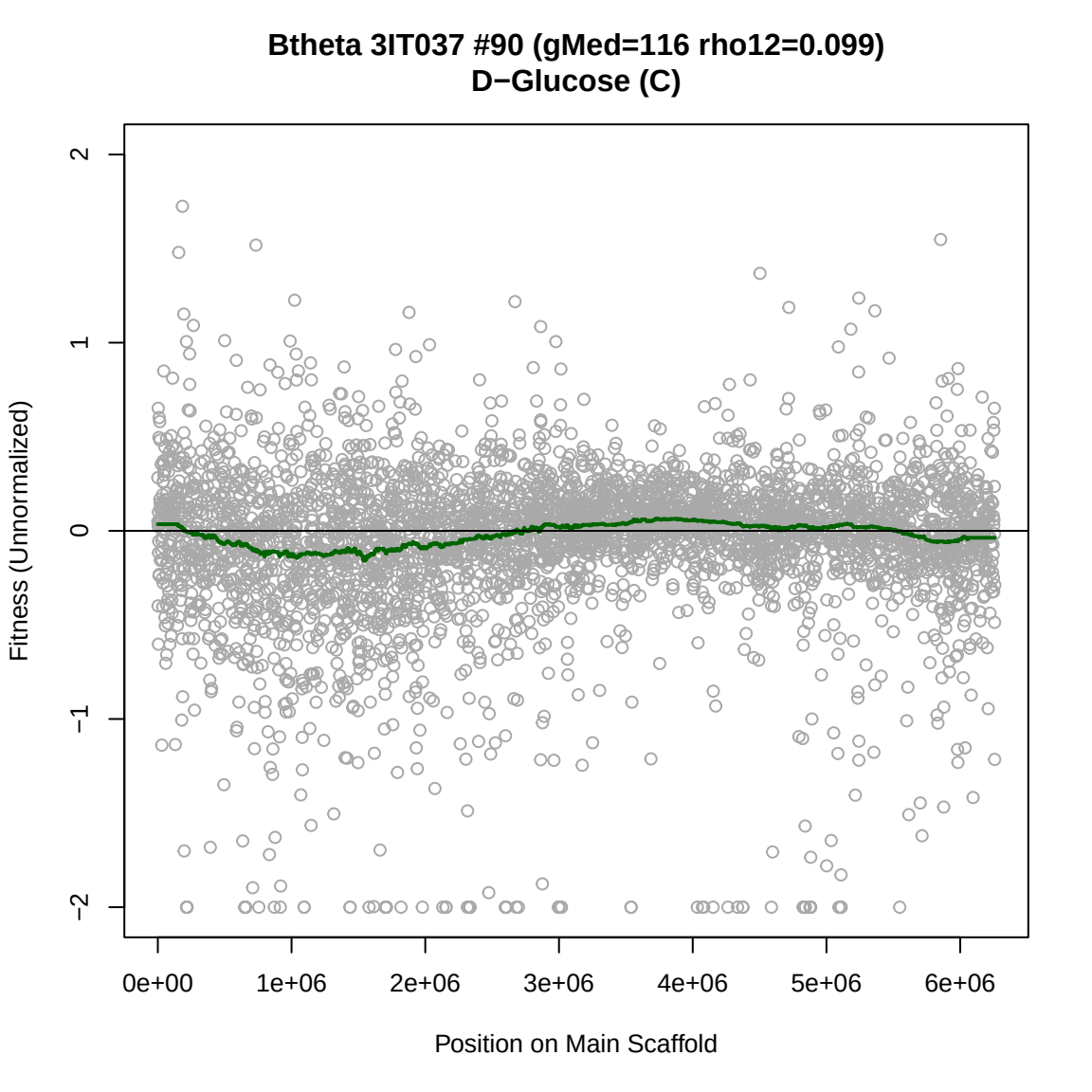

Btheta 3IT032 #85 (gMed=104 rho12=0.091)
Mucin from porcine stomach,Type II (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

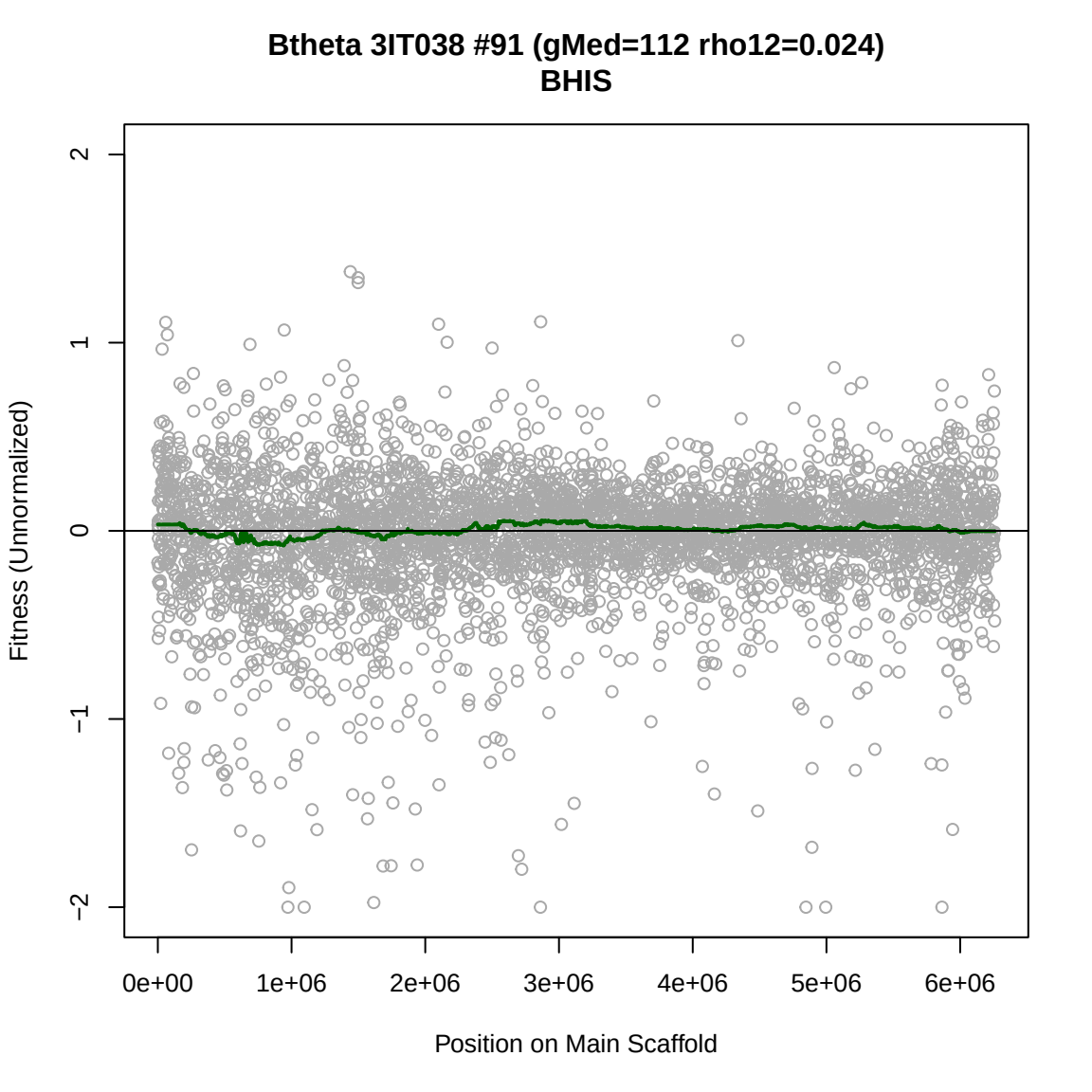

Btheta 3IT033 #86 (gMed=91 rho12=−0.015)
polygalacturonic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

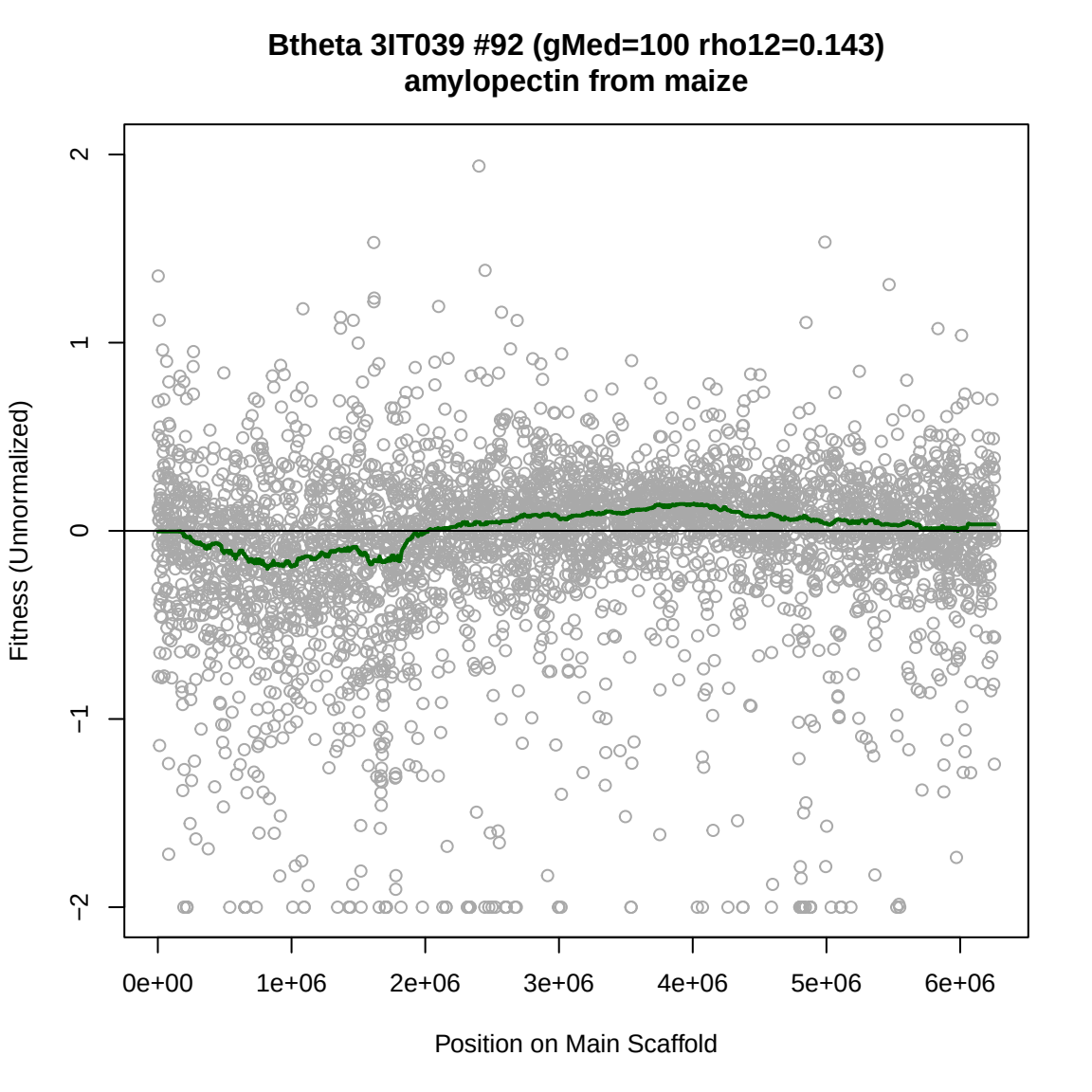

Btheta 3IT034 #87 (gMed=90 rho12=0.121)
Pectin (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

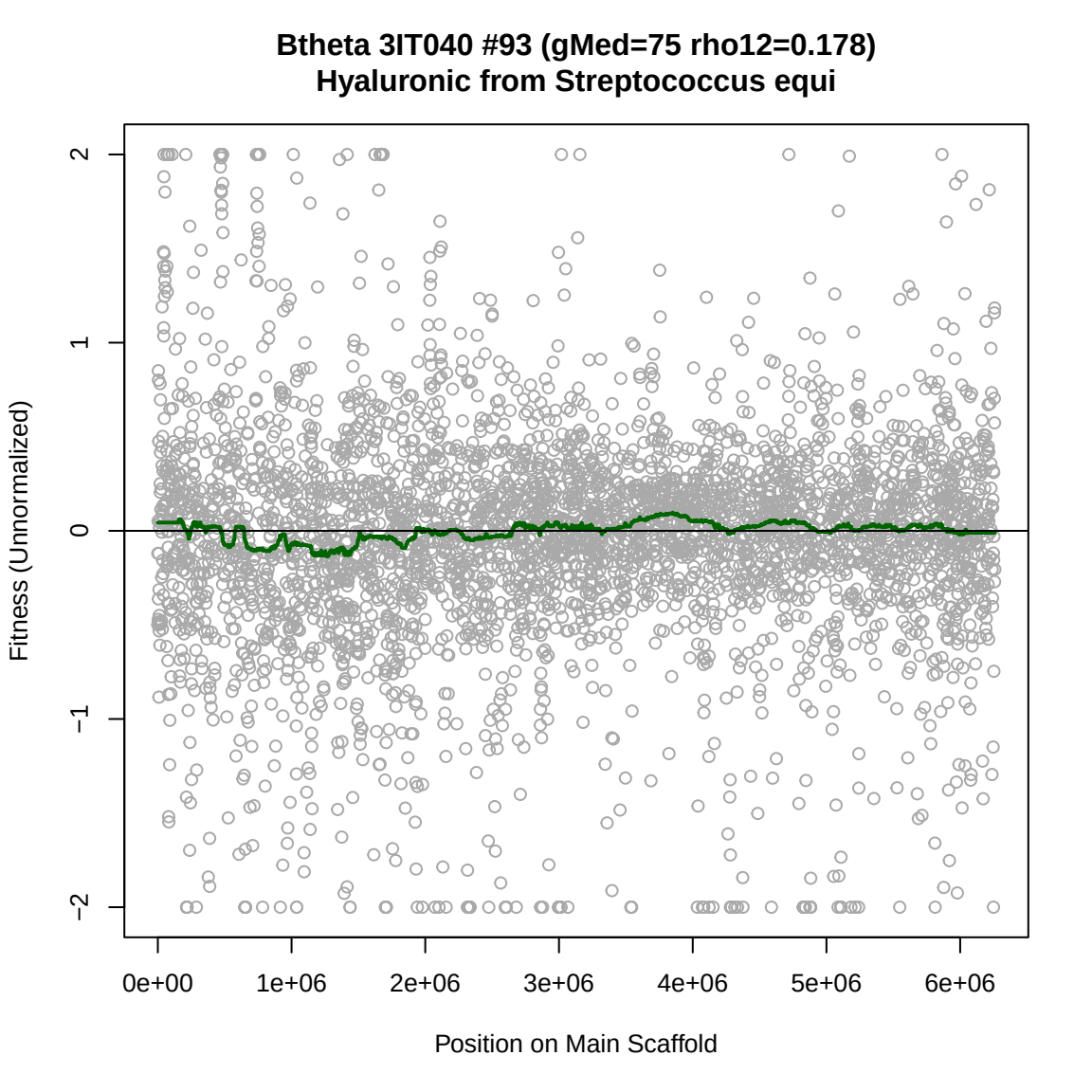

Btheta 3IT035 #88 (gMed=61 rho12=0.100)
Red Arabinan from sugar−beet (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

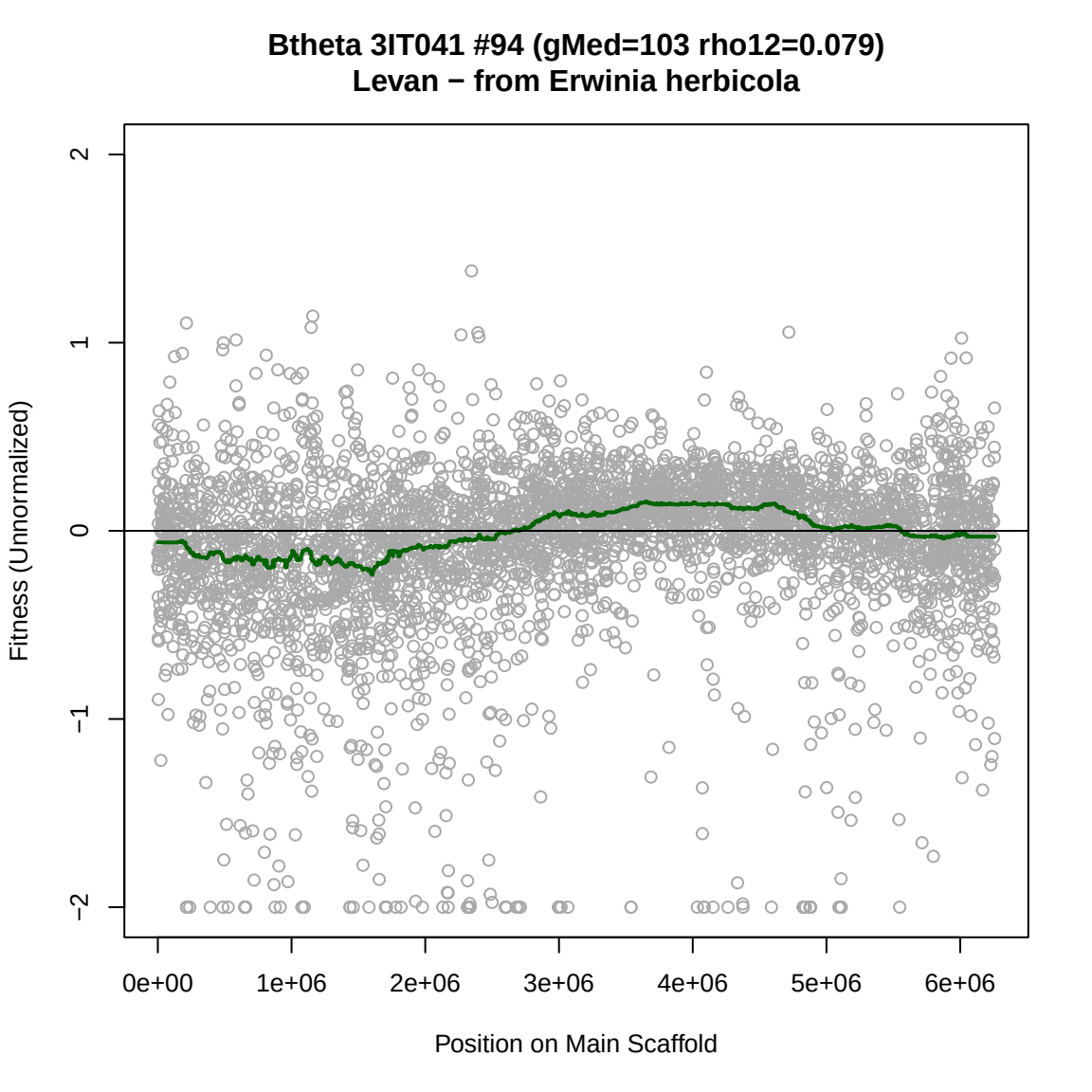

Btheta 3IT036 #89 (gMed=83 rho12=−0.014)
Starch from potato (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

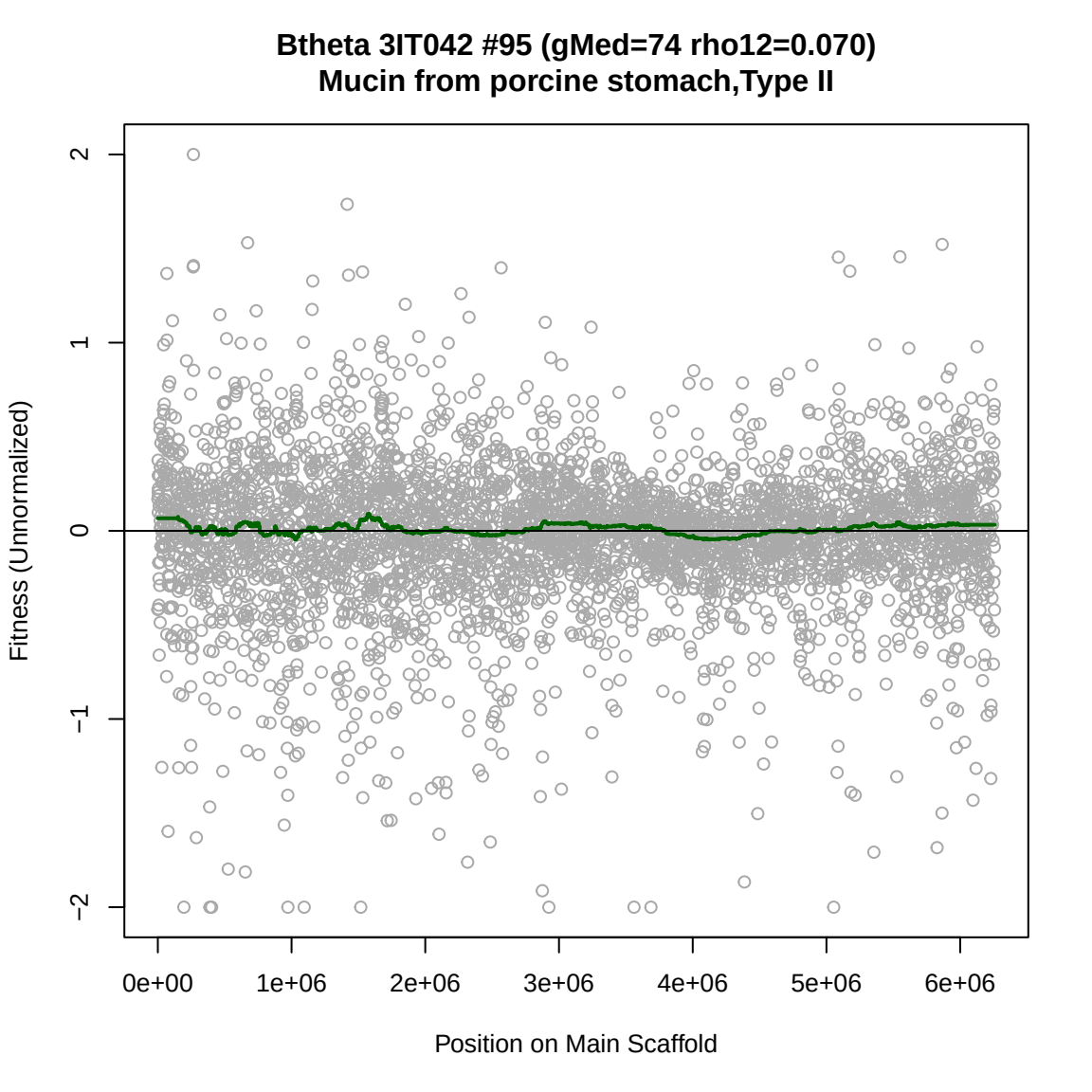

Btheta 3IT037 #90 (gMed=116 rho12=0.099)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

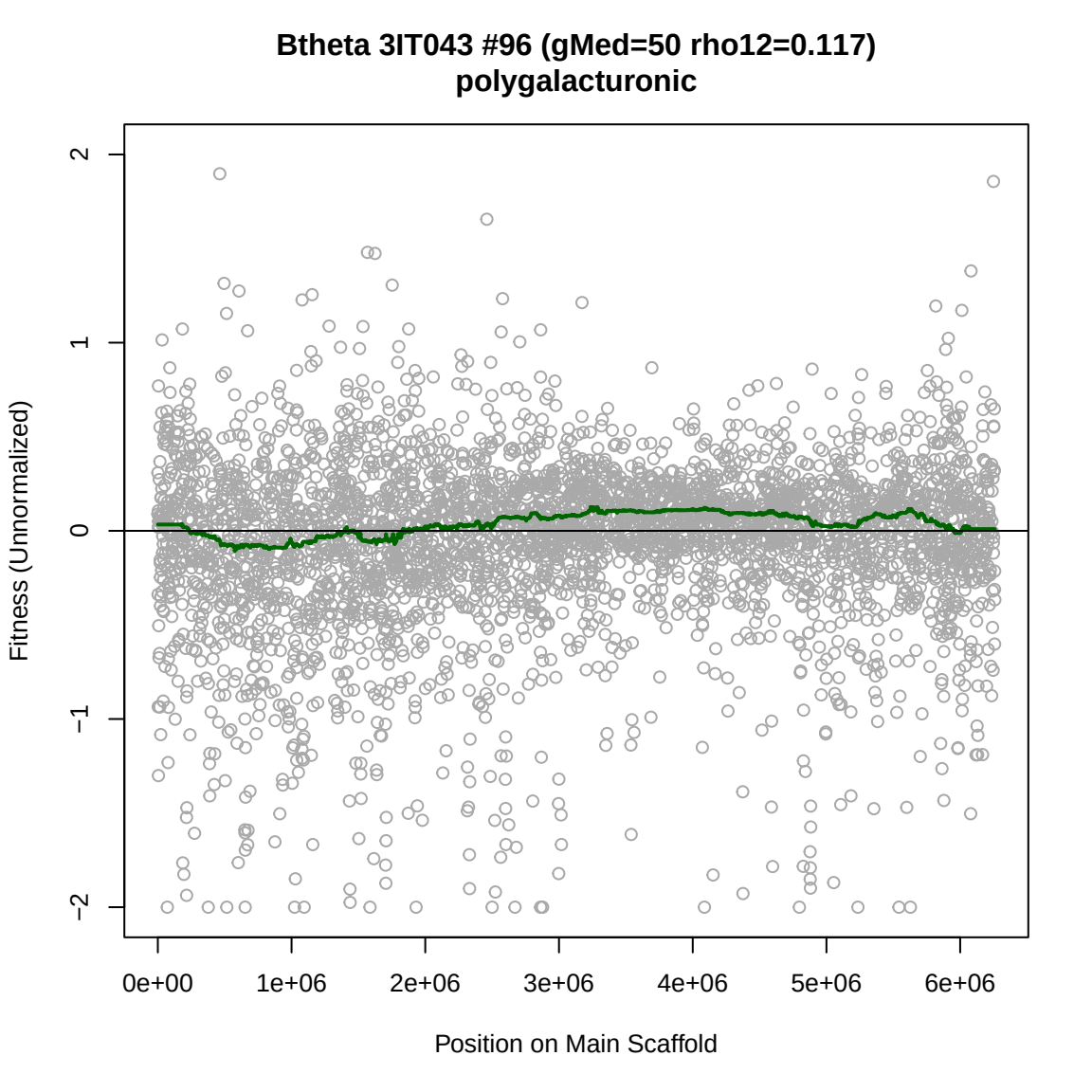

Btheta 3IT038 #91 (gMed=112 rho12=0.024)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

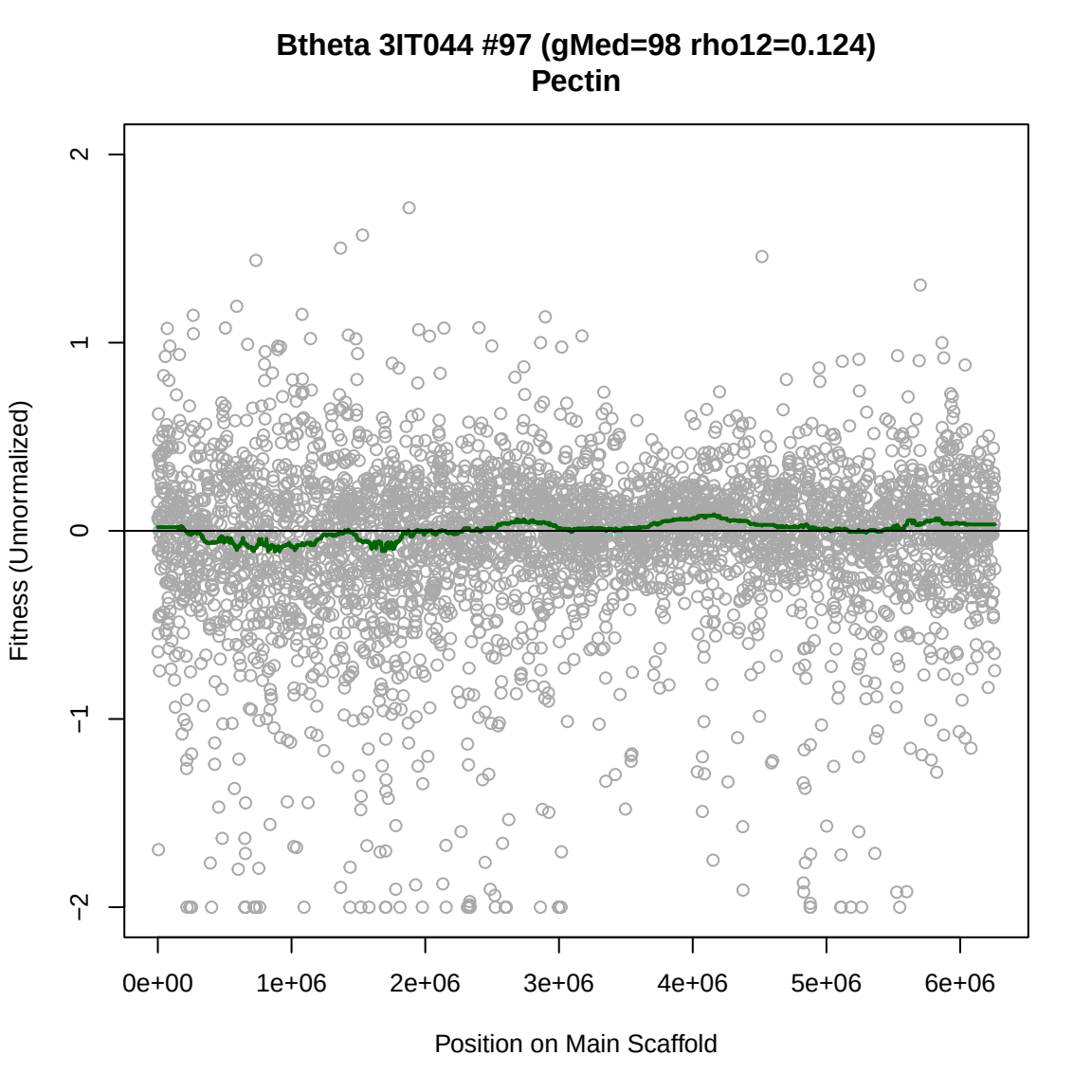

Btheta 3IT039 #92 (gMed=100 rho12=0.143)
amylopectin from maize
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

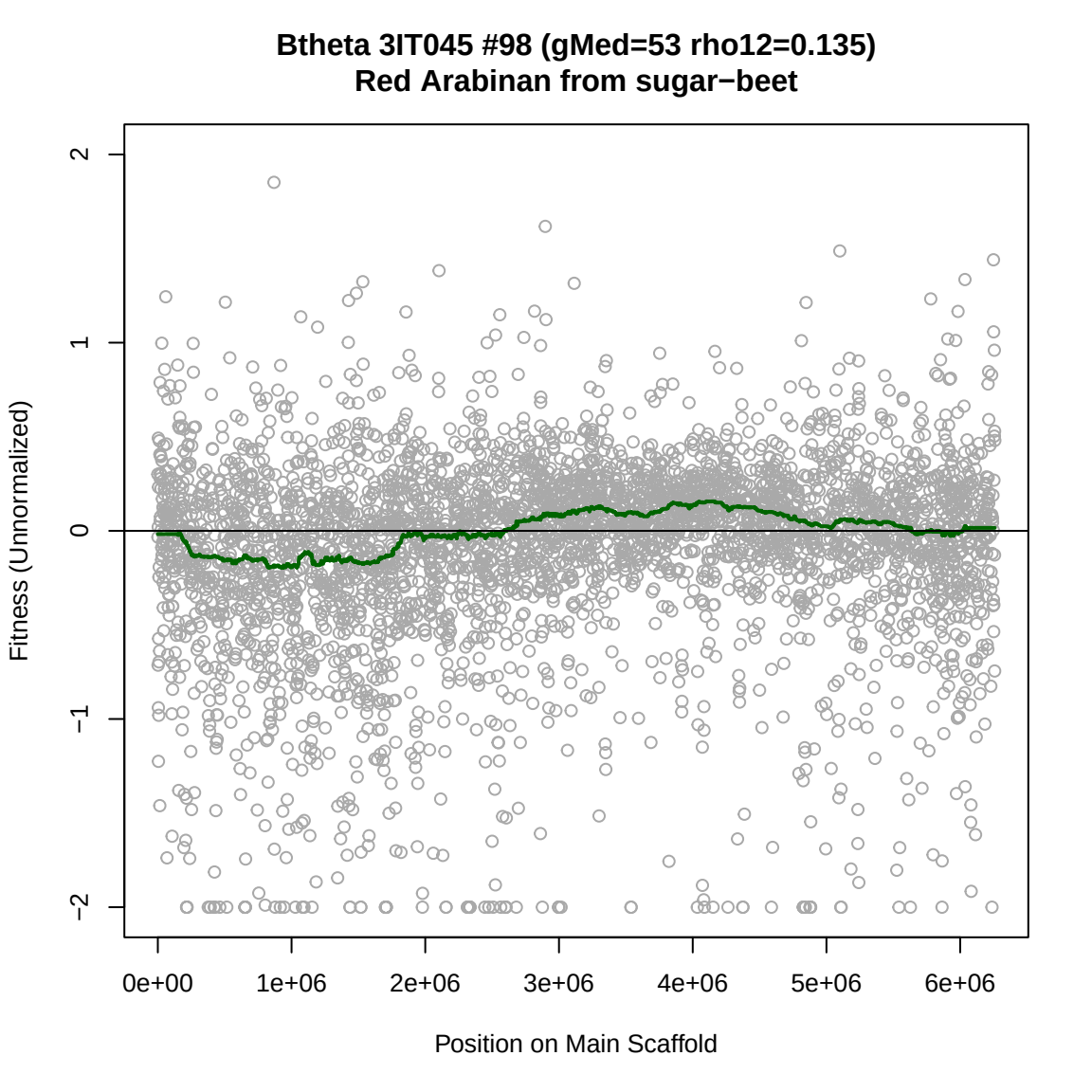

Btheta 3IT040 #93 (gMed=75 rho12=0.178)
Hyaluronic from Streptococcus equi
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

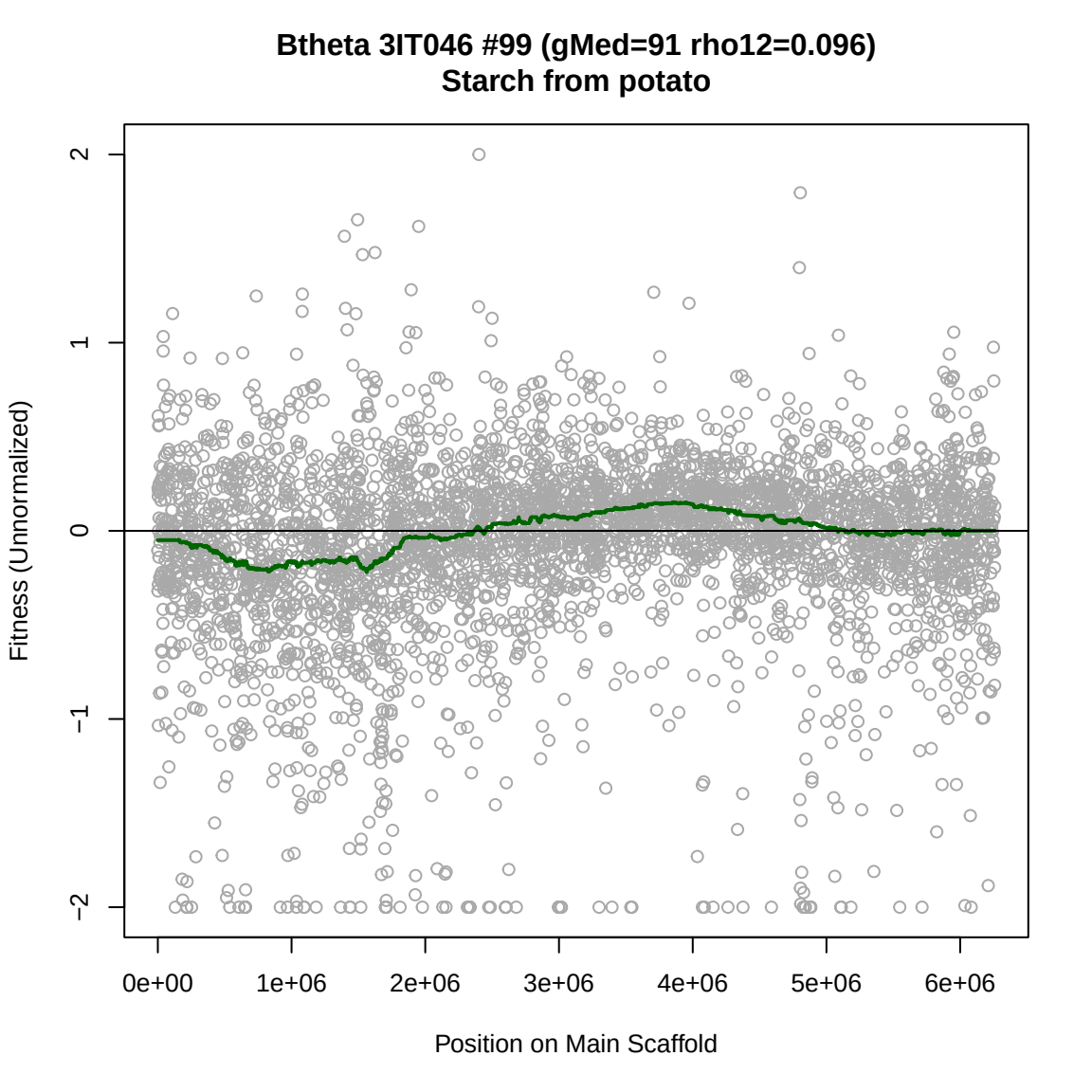

Btheta 3IT041 #94 (gMed=103 rho12=0.079)
Levan − from Erwinia herbicola
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

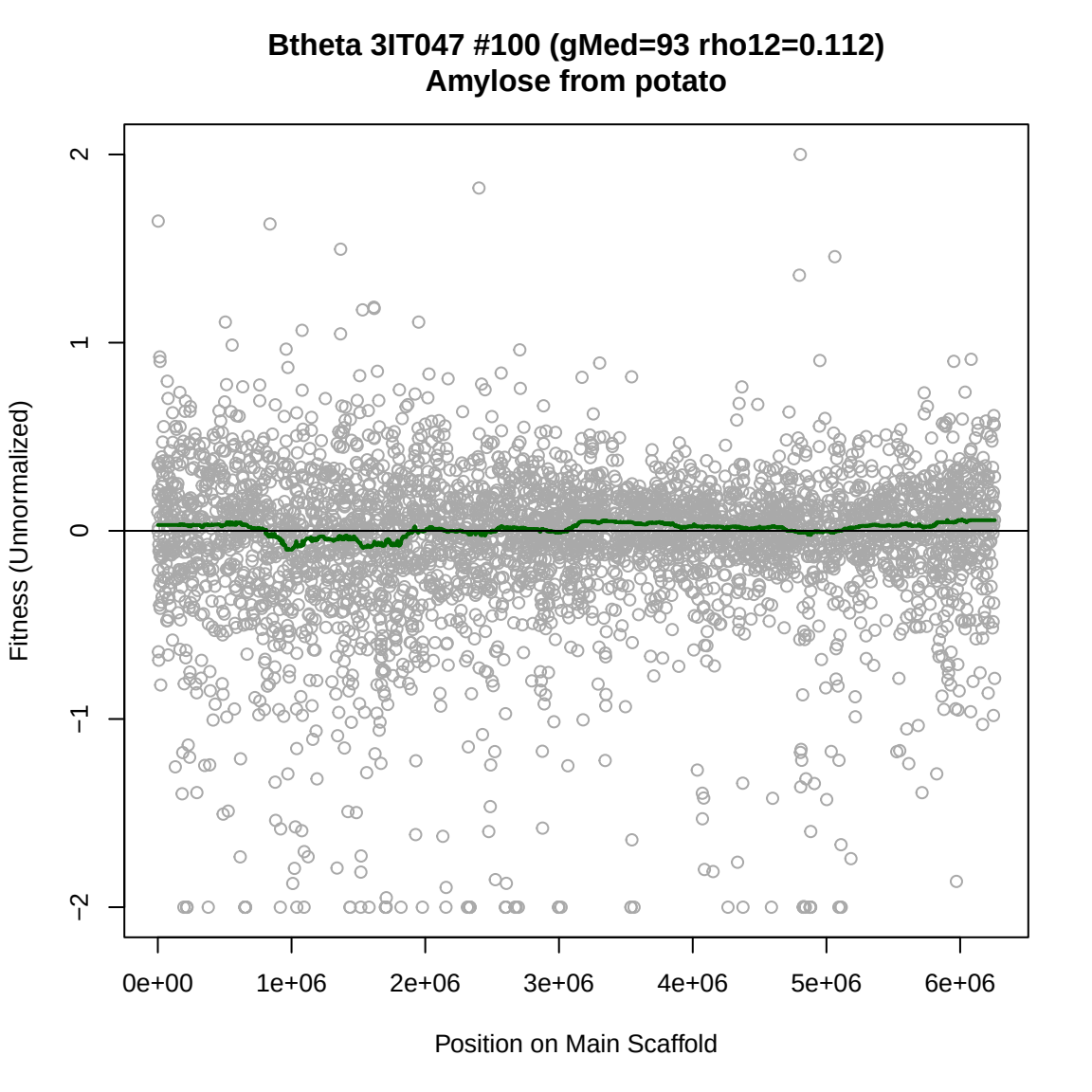

Btheta 3IT042 #95 (gMed=74 rho12=0.070)
Mucin from porcine stomach,Type II
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

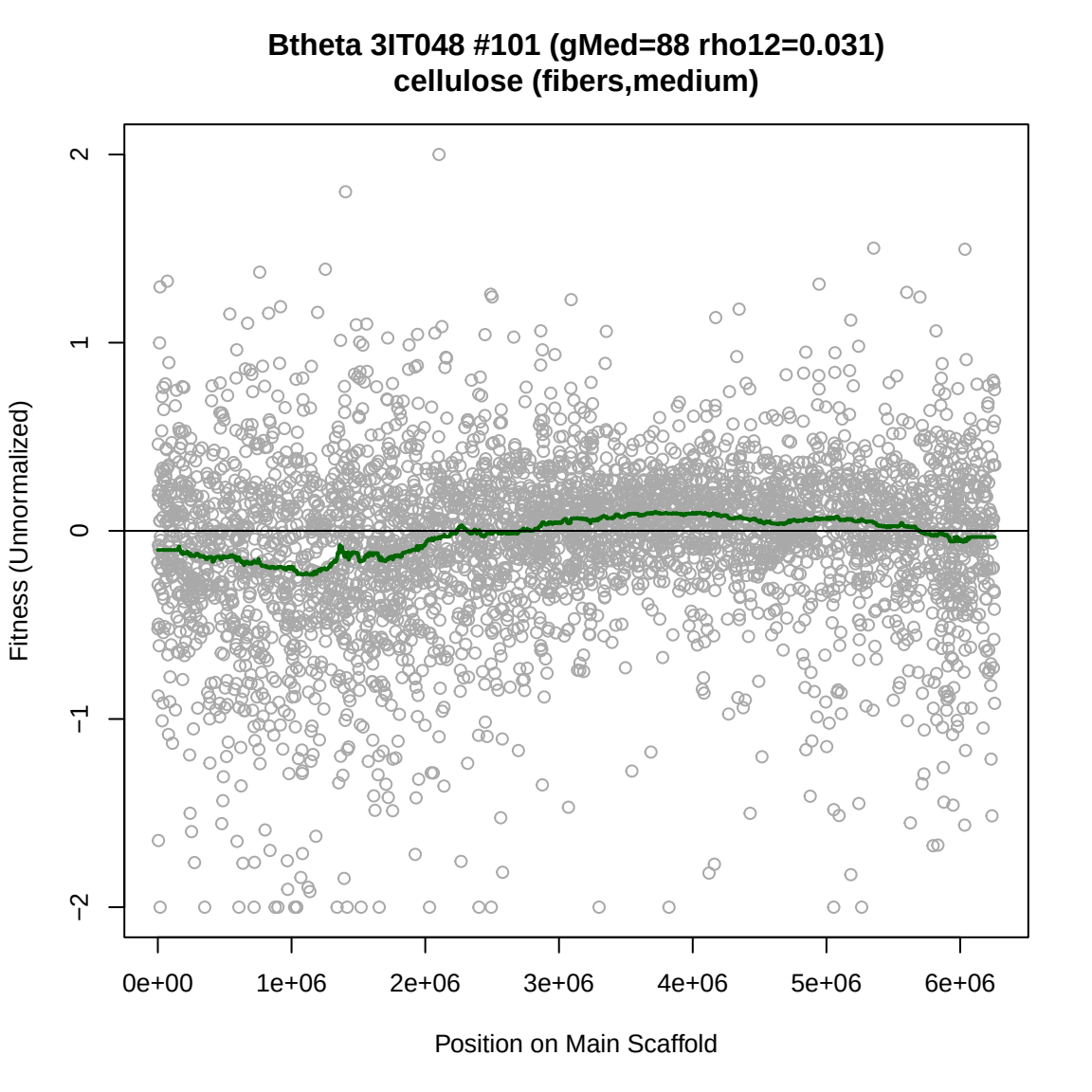

Btheta 3IT043 #96 (gMed=50 rho12=0.117)
polygalacturonic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

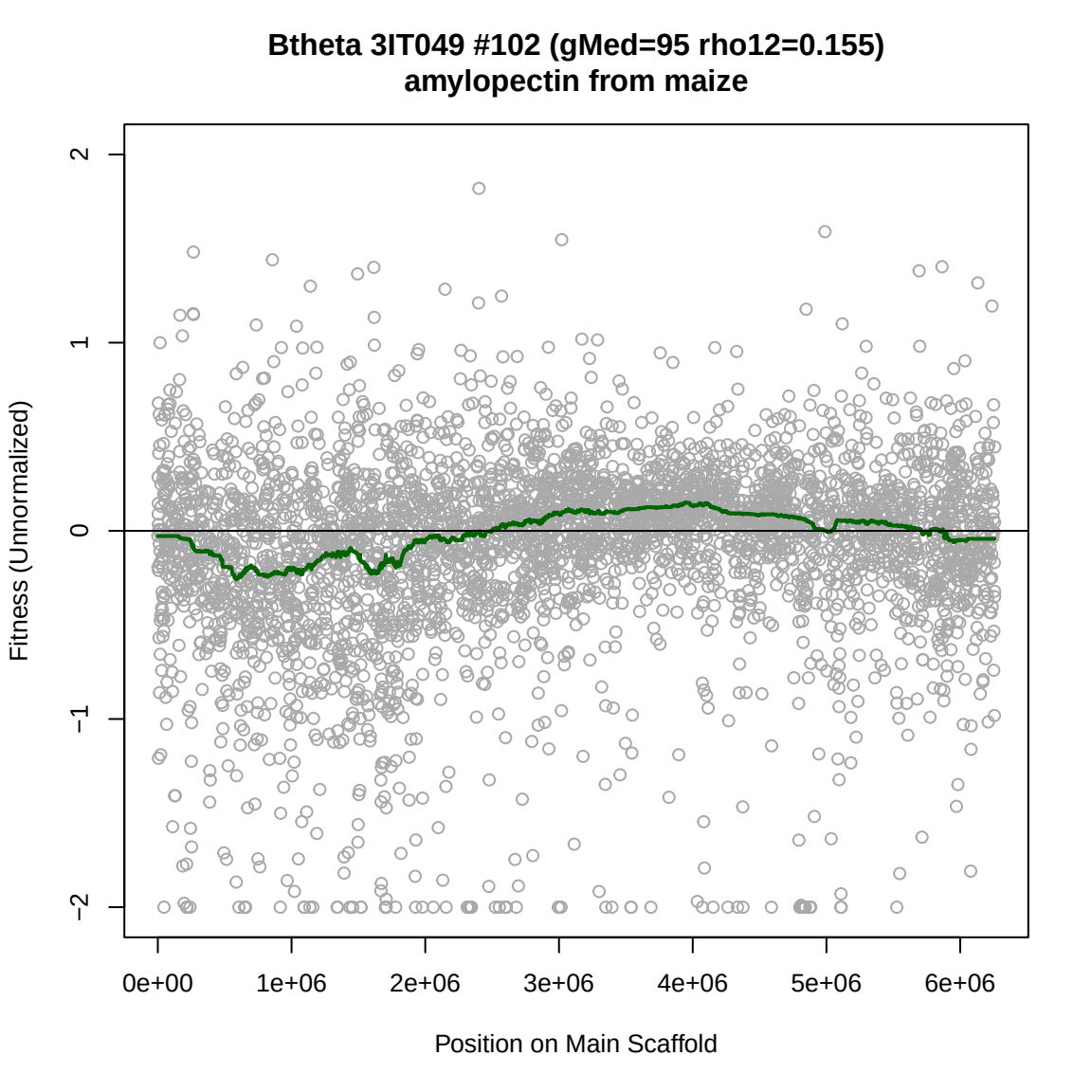

Btheta 3IT044 #97 (gMed=98 rho12=0.124)
Pectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

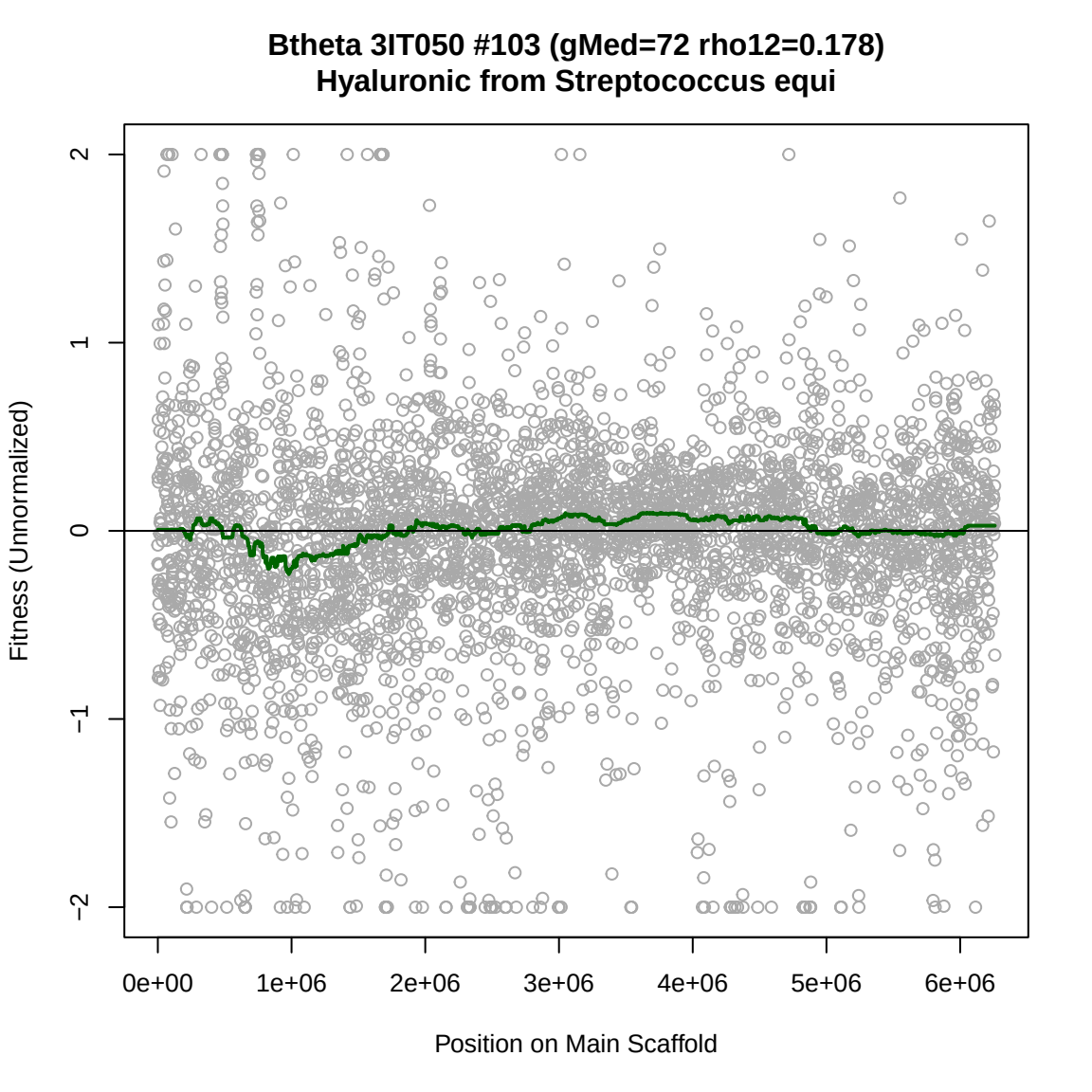

Btheta 3IT045 #98 (gMed=53 rho12=0.135)
Red Arabinan from sugar−beet
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

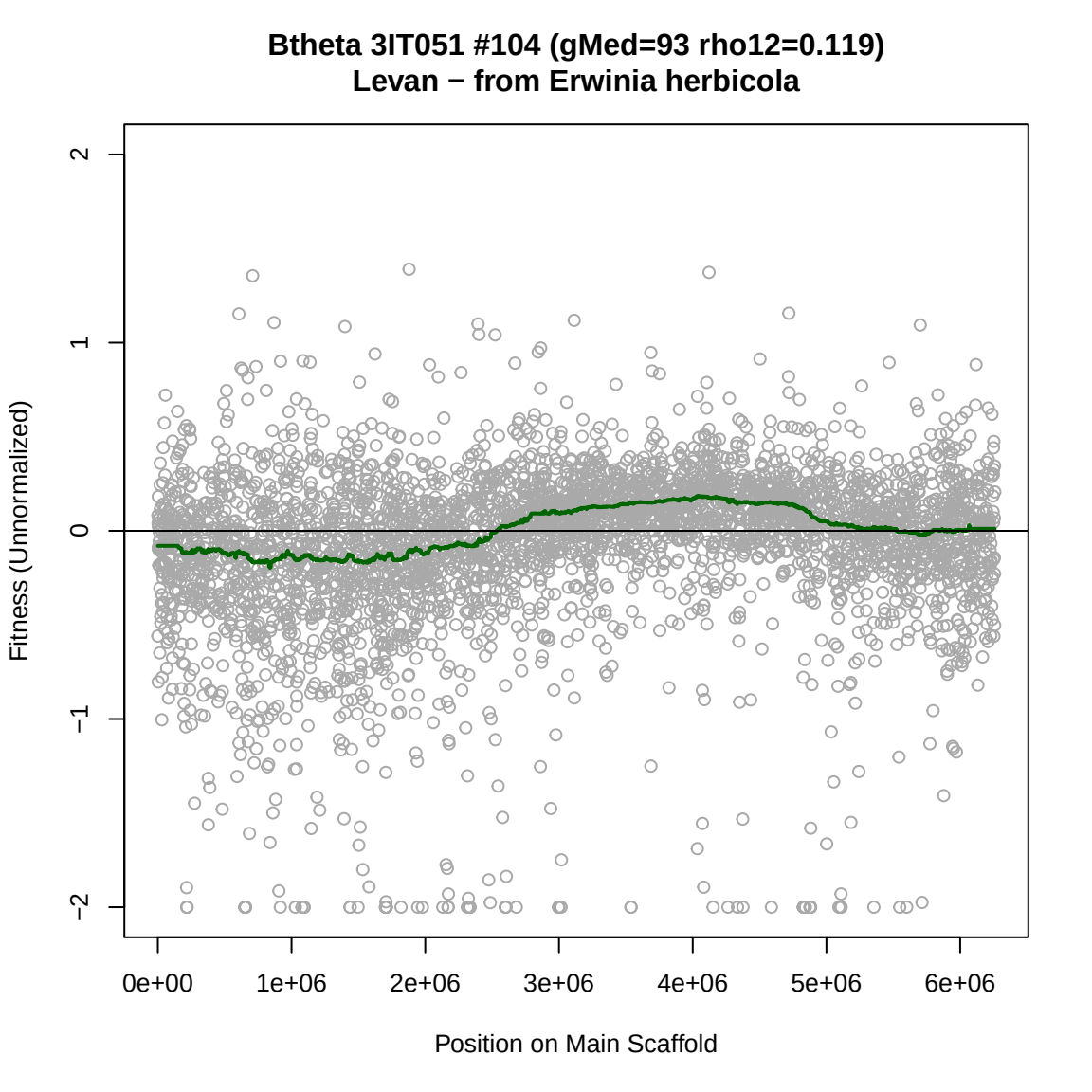

Btheta 3IT046 #99 (gMed=91 rho12=0.096)
Starch from potato
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

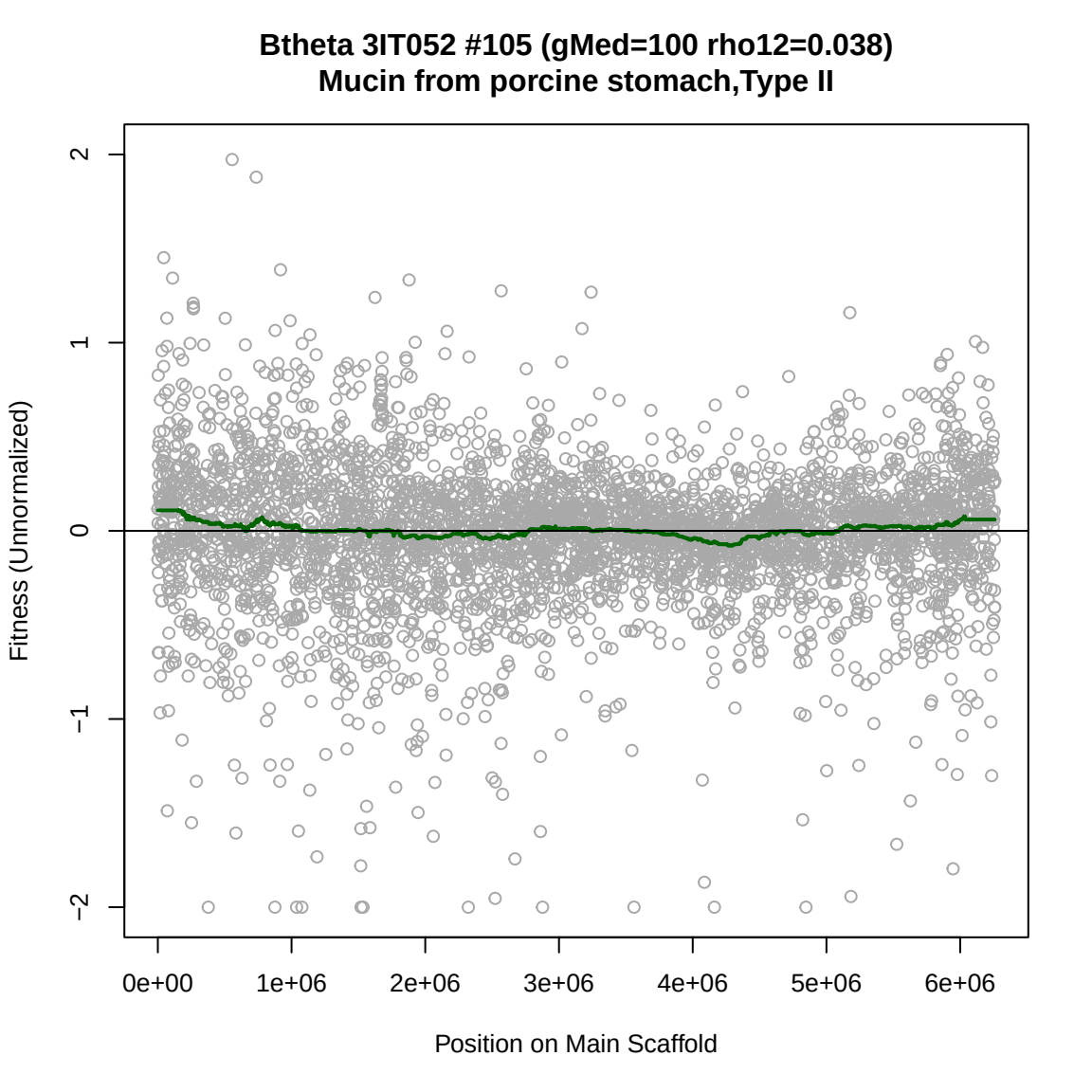

Btheta 3IT047 #100 (gMed=93 rho12=0.112)
Amylose from potato
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

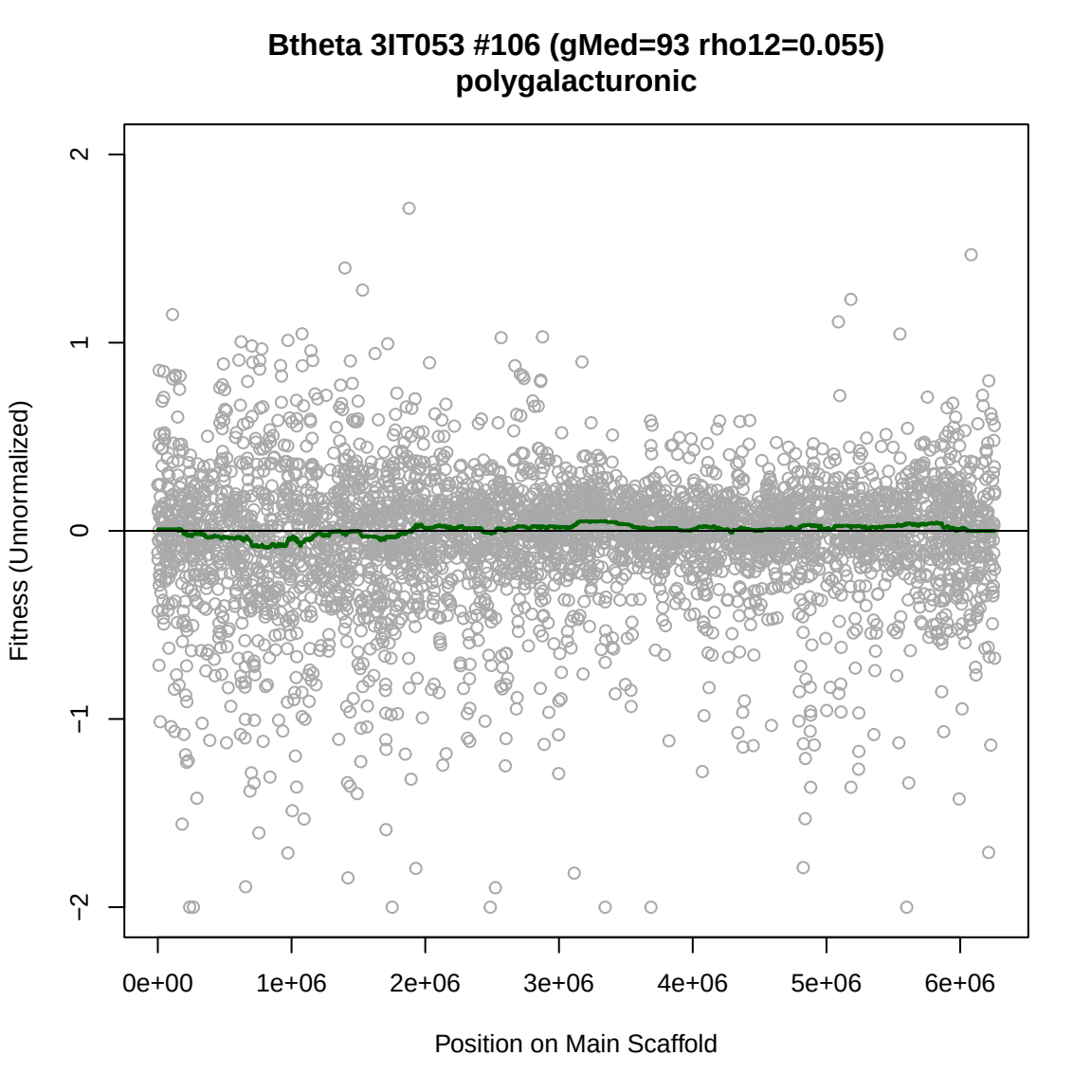

Btheta 3IT048 #101 (gMed=88 rho12=0.031)
cellulose (fibers,medium)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

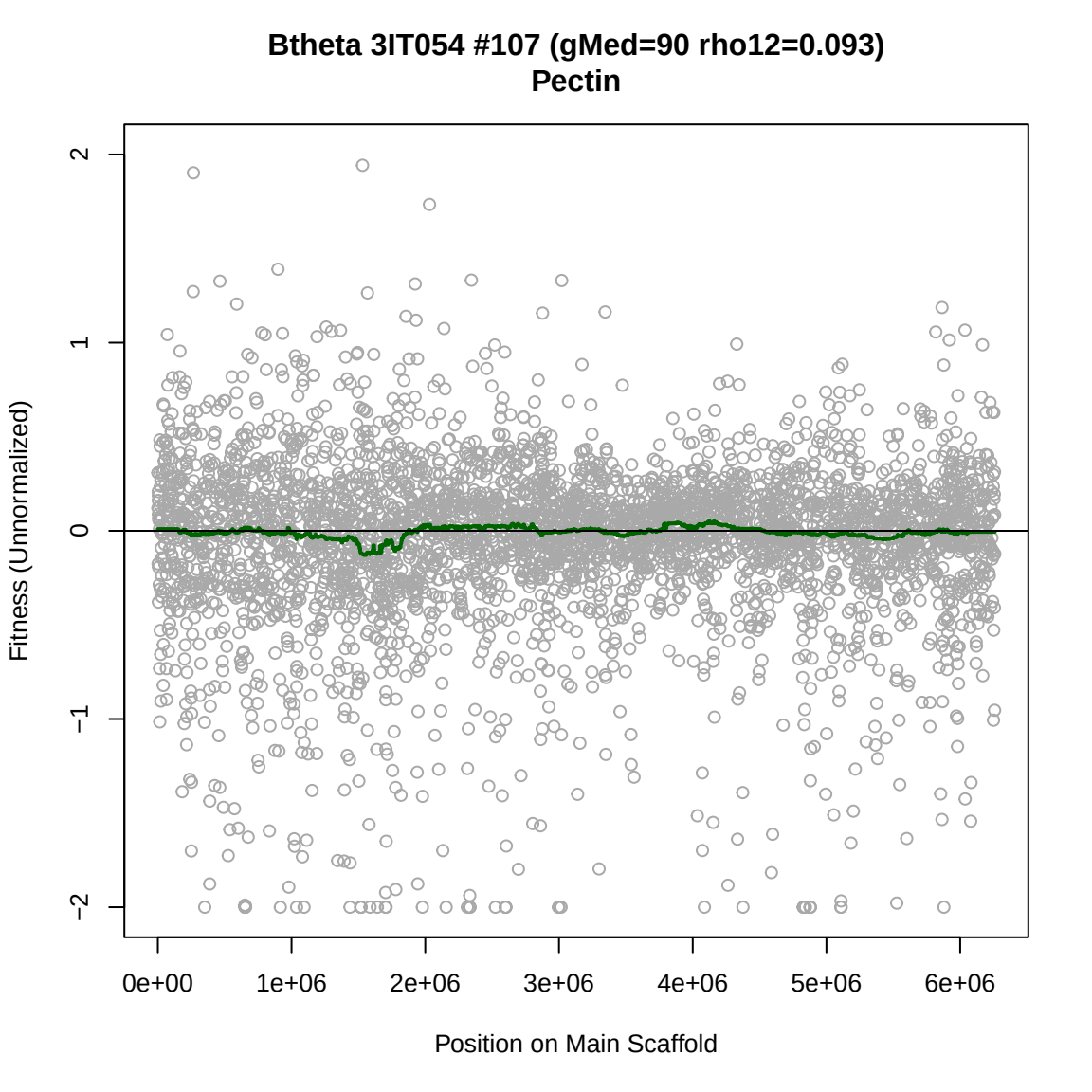

Btheta 3IT049 #102 (gMed=95 rho12=0.155)
amylopectin from maize
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

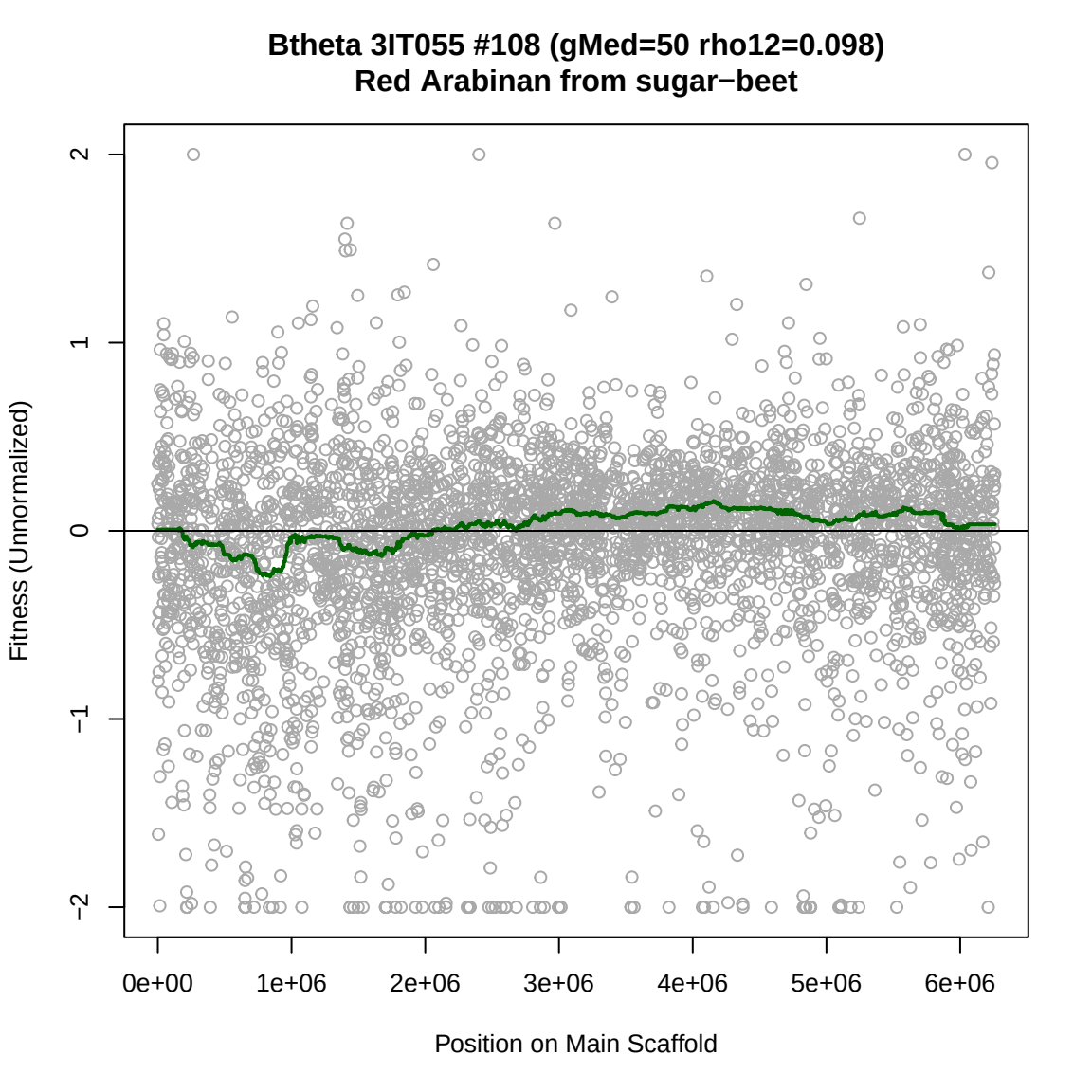

Btheta 3IT050 #103 (gMed=72 rho12=0.178)
Hyaluronic from Streptococcus equi
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

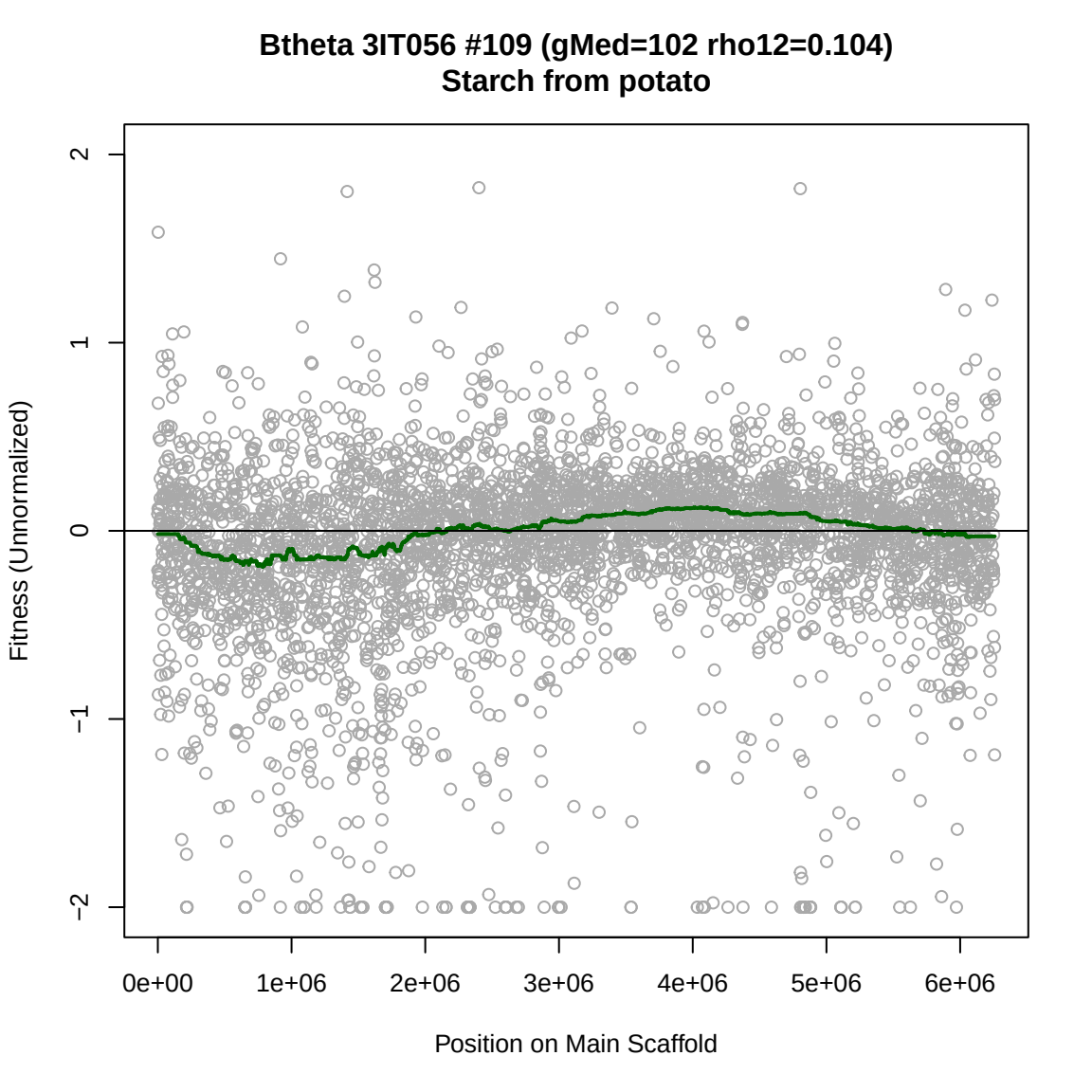

Btheta 3IT051 #104 (gMed=93 rho12=0.119)
Levan − from Erwinia herbicola
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

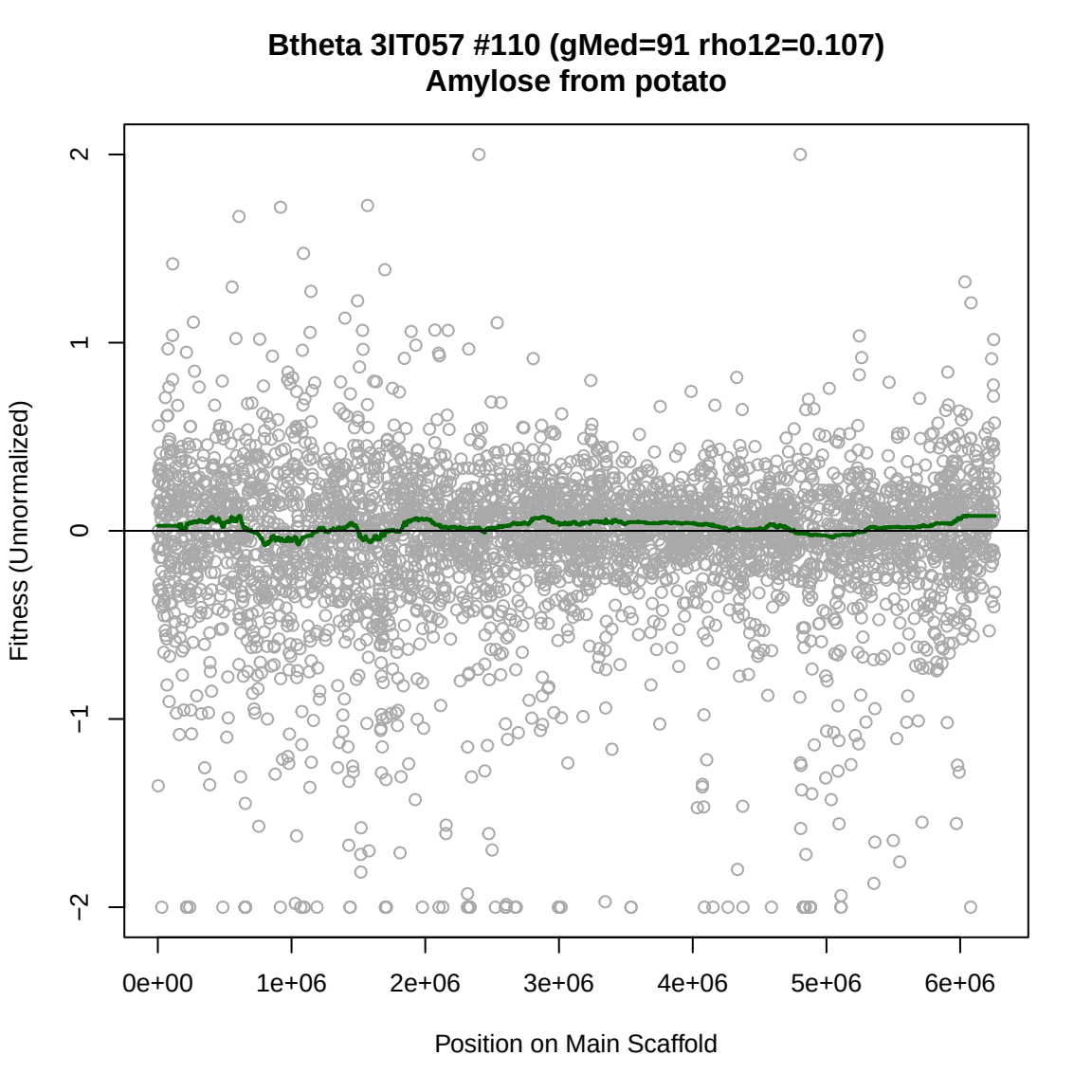

Btheta 3IT052 #105 (gMed=100 rho12=0.038)
Mucin from porcine stomach,Type II
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

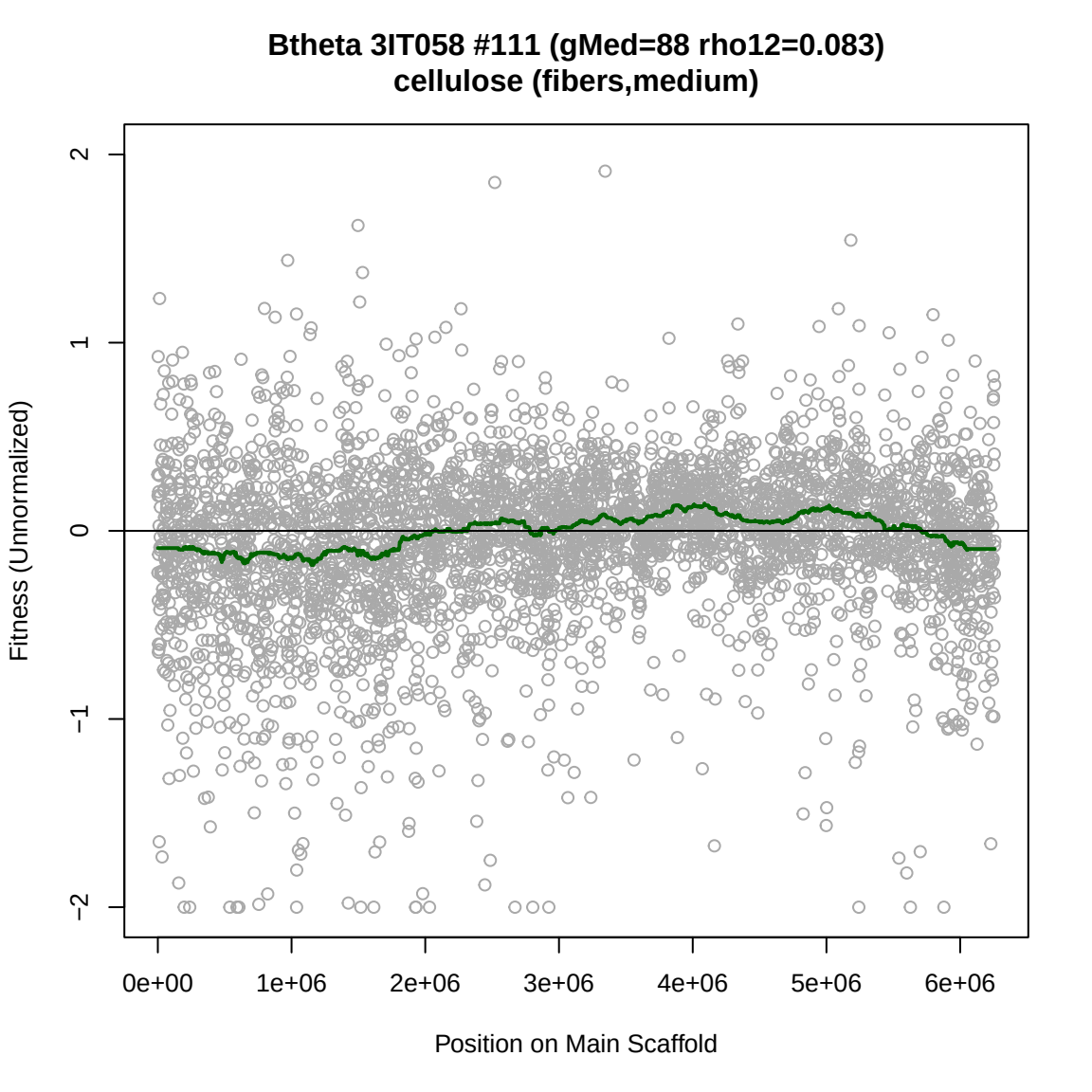

Btheta 3IT053 #106 (gMed=93 rho12=0.055)
polygalacturonic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

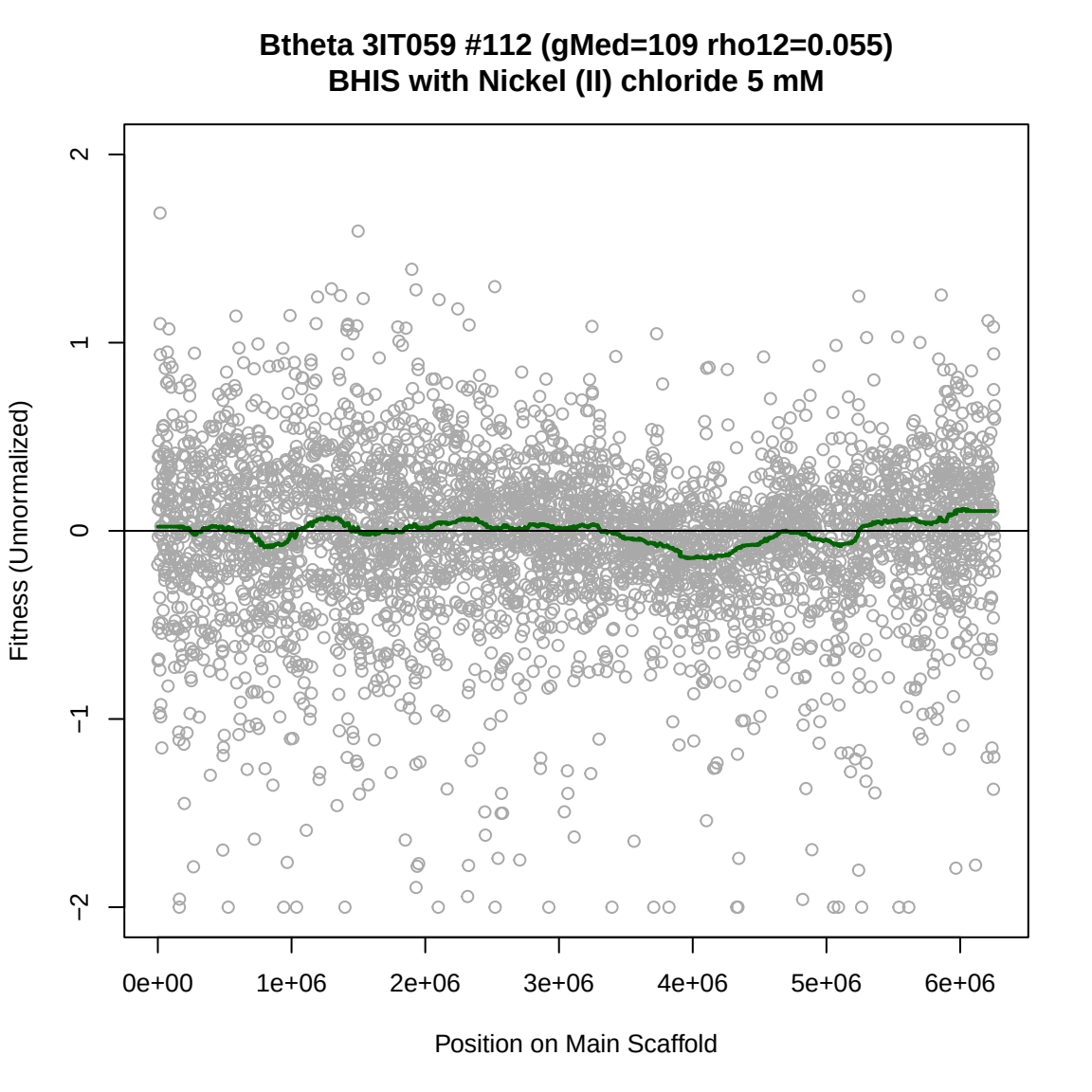

Btheta 3IT054 #107 (gMed=90 rho12=0.093)
Pectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

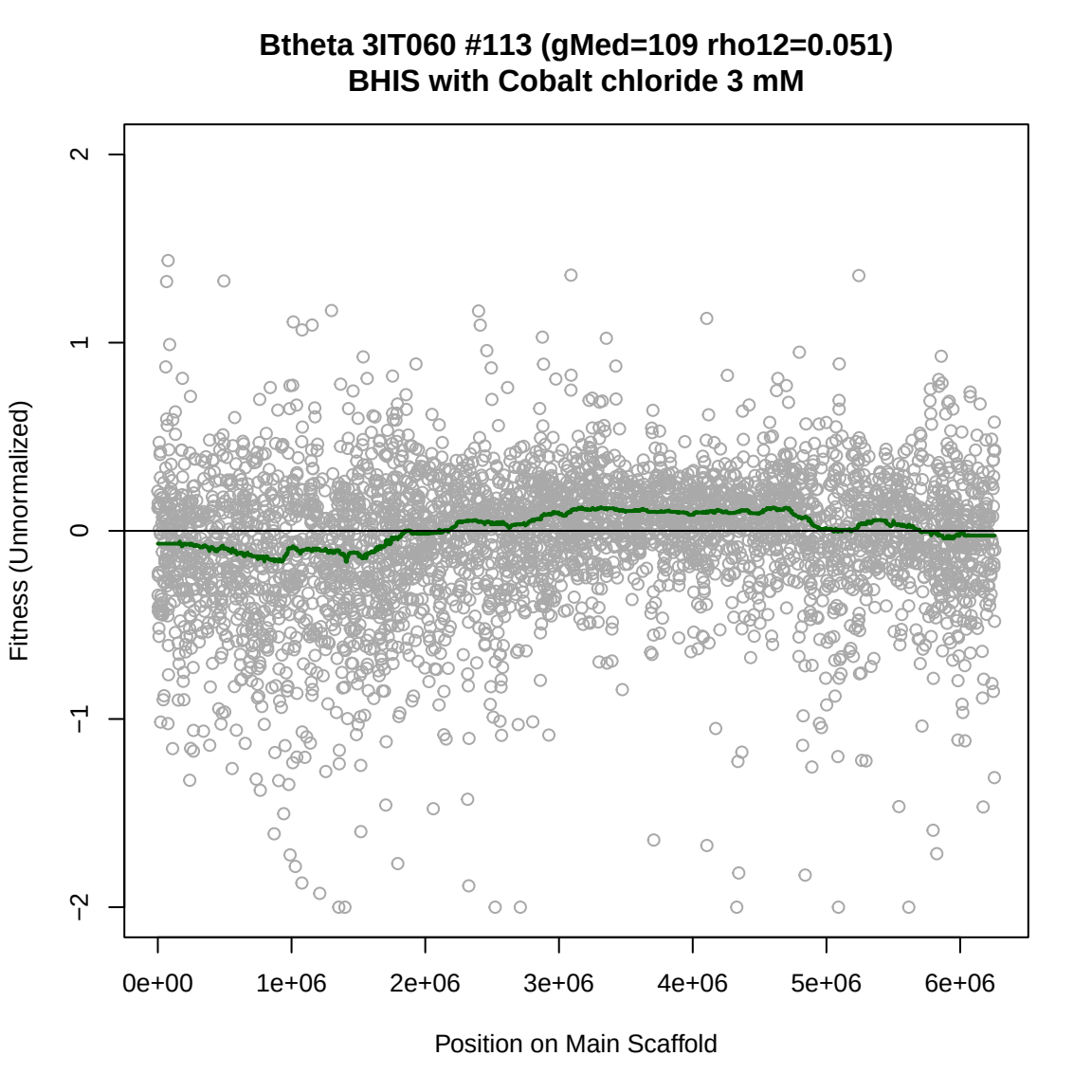

Btheta 3IT055 #108 (gMed=50 rho12=0.098)
Red Arabinan from sugar−beet
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

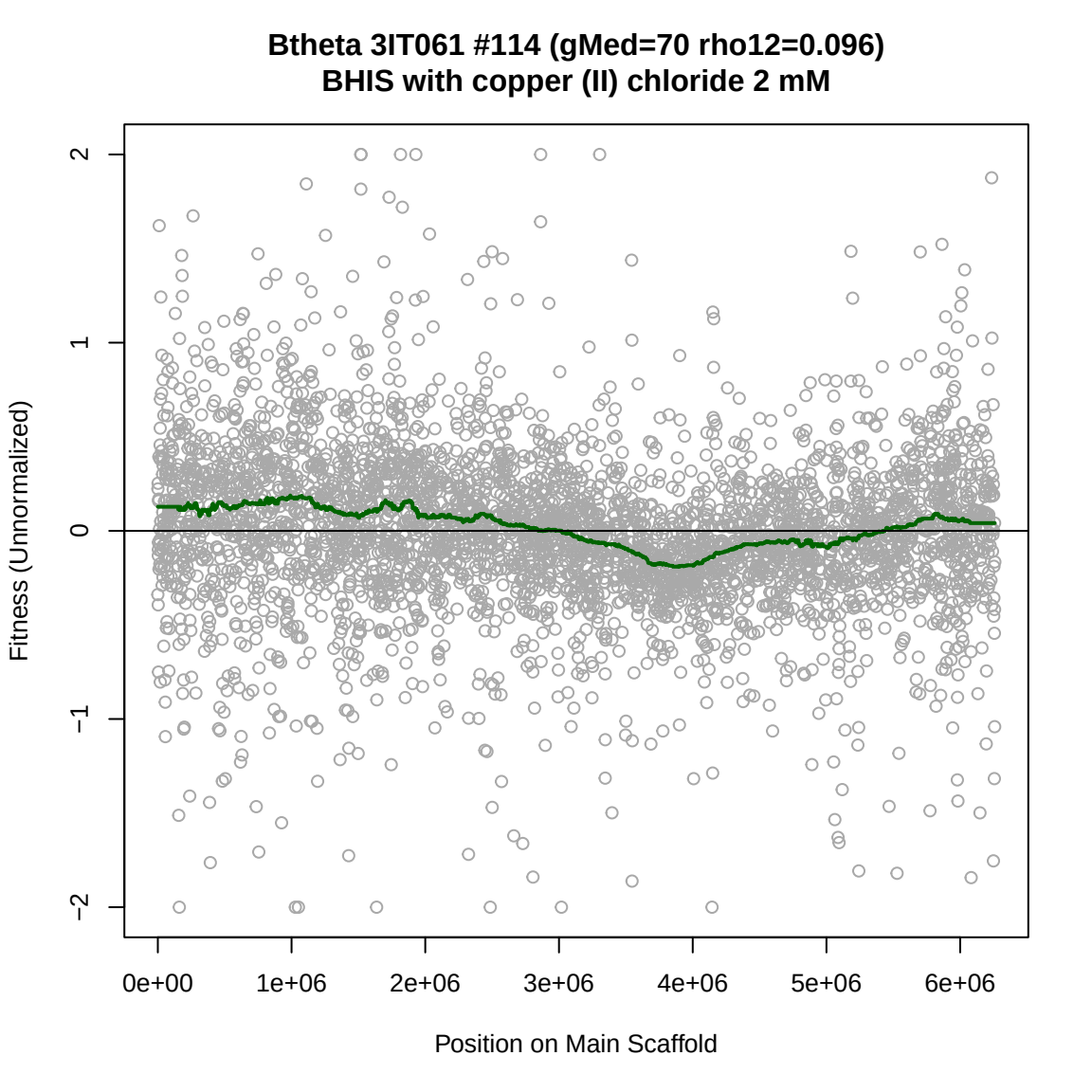

Btheta 3IT056 #109 (gMed=102 rho12=0.104)
Starch from potato
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

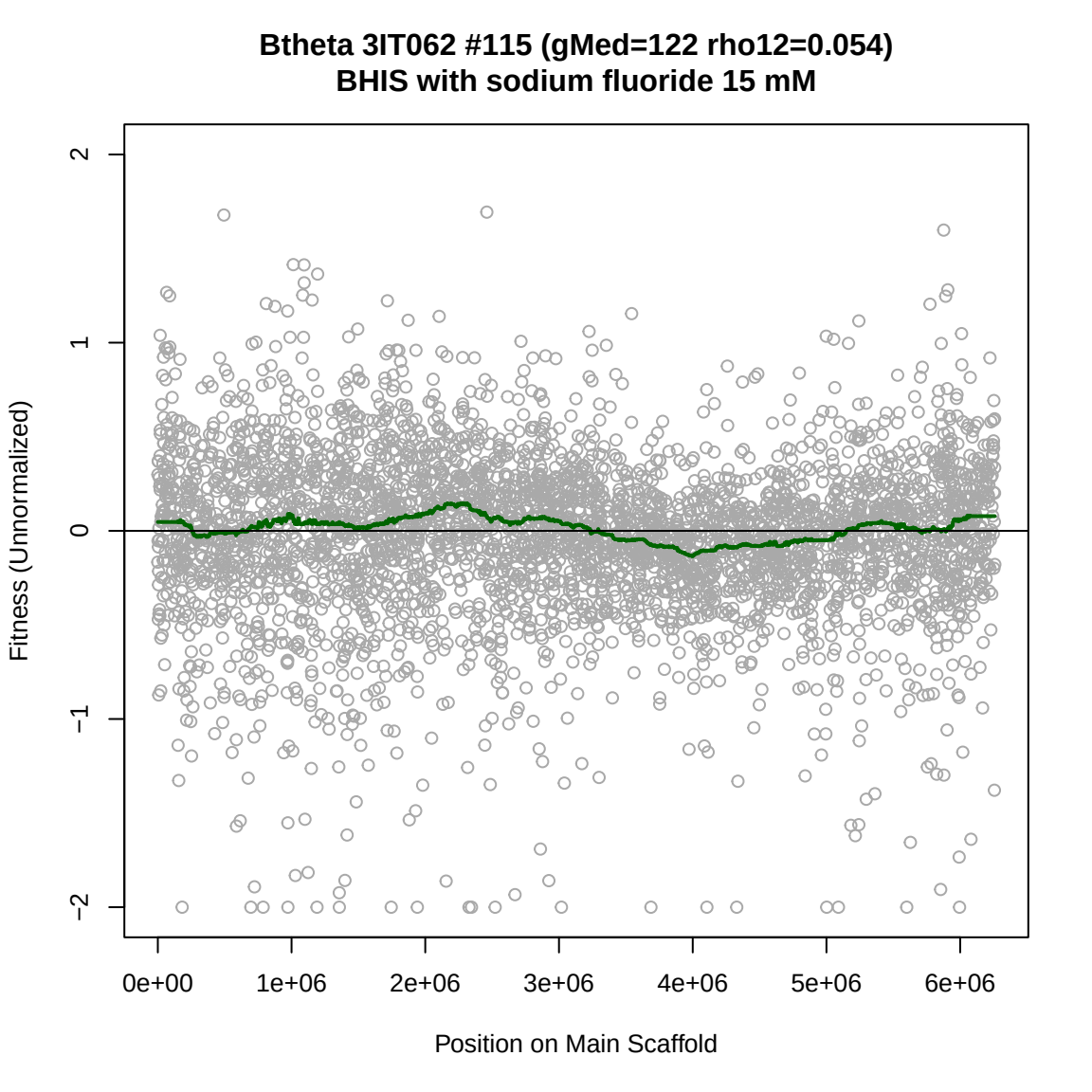

Btheta 3IT057 #110 (gMed=91 rho12=0.107)
Amylose from potato
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

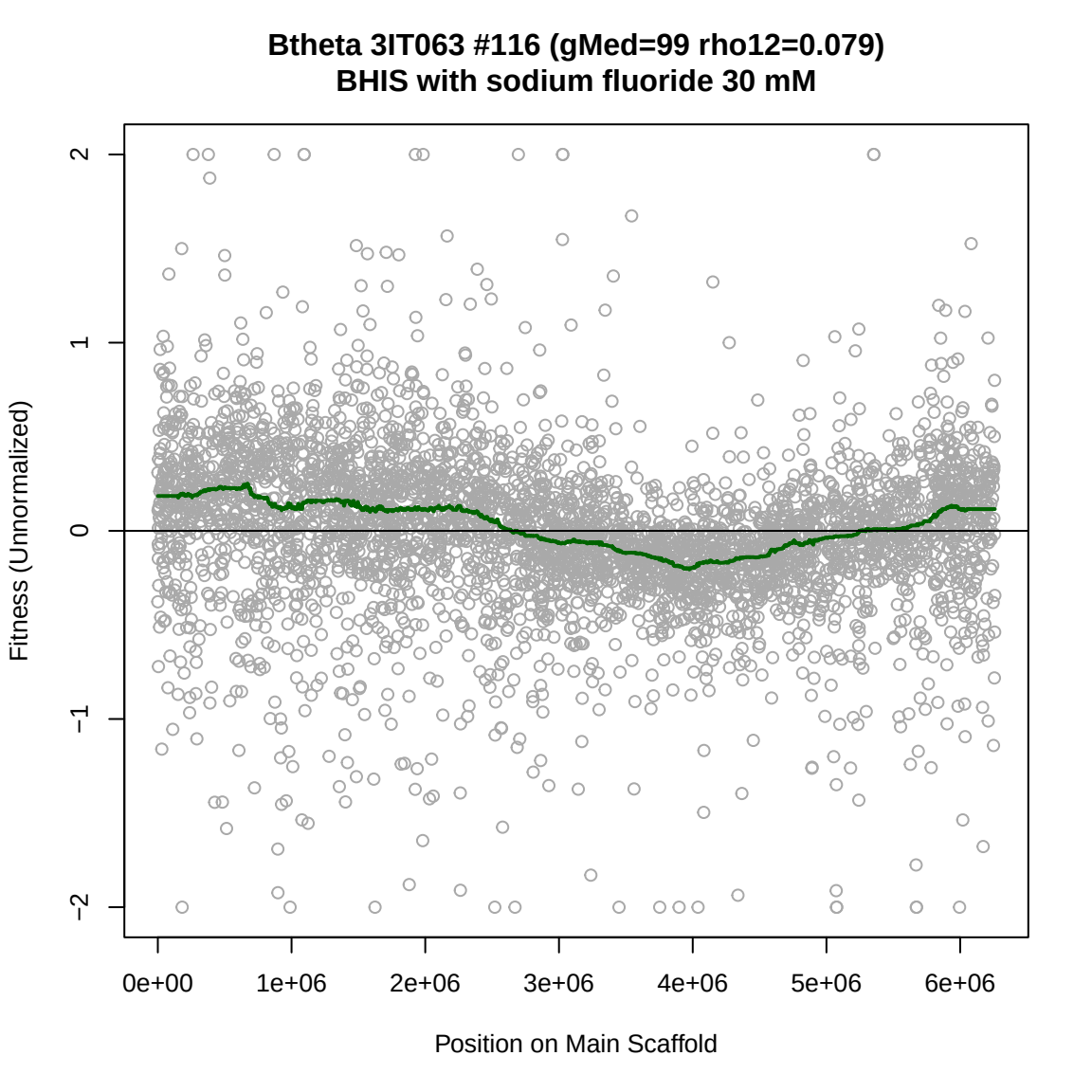

Btheta 3IT058 #111 (gMed=88 rho12=0.083)
cellulose (fibers,medium)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

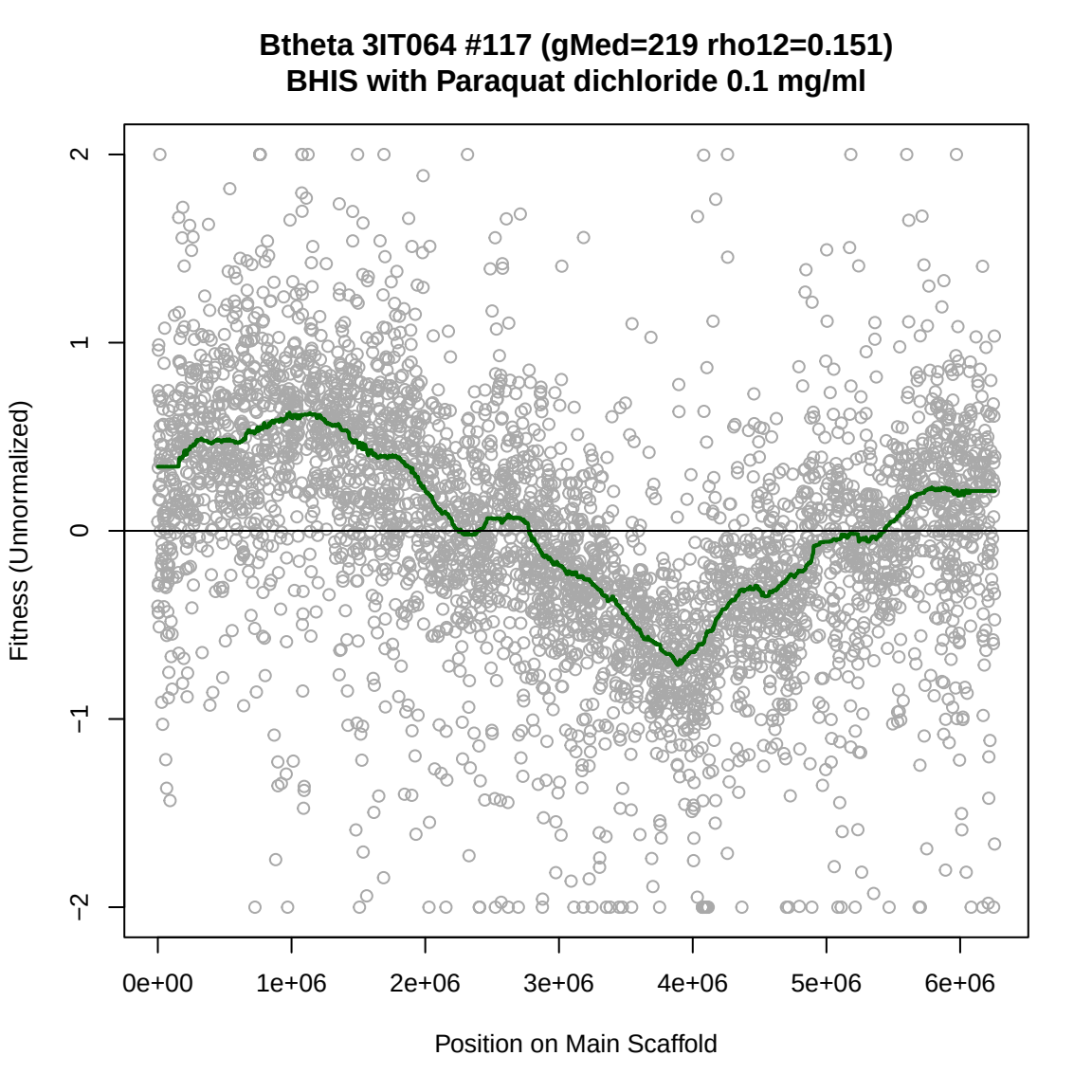

Btheta 3IT059 #112 (gMed=109 rho12=0.055)
BHIS with Nickel (II) chloride 5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

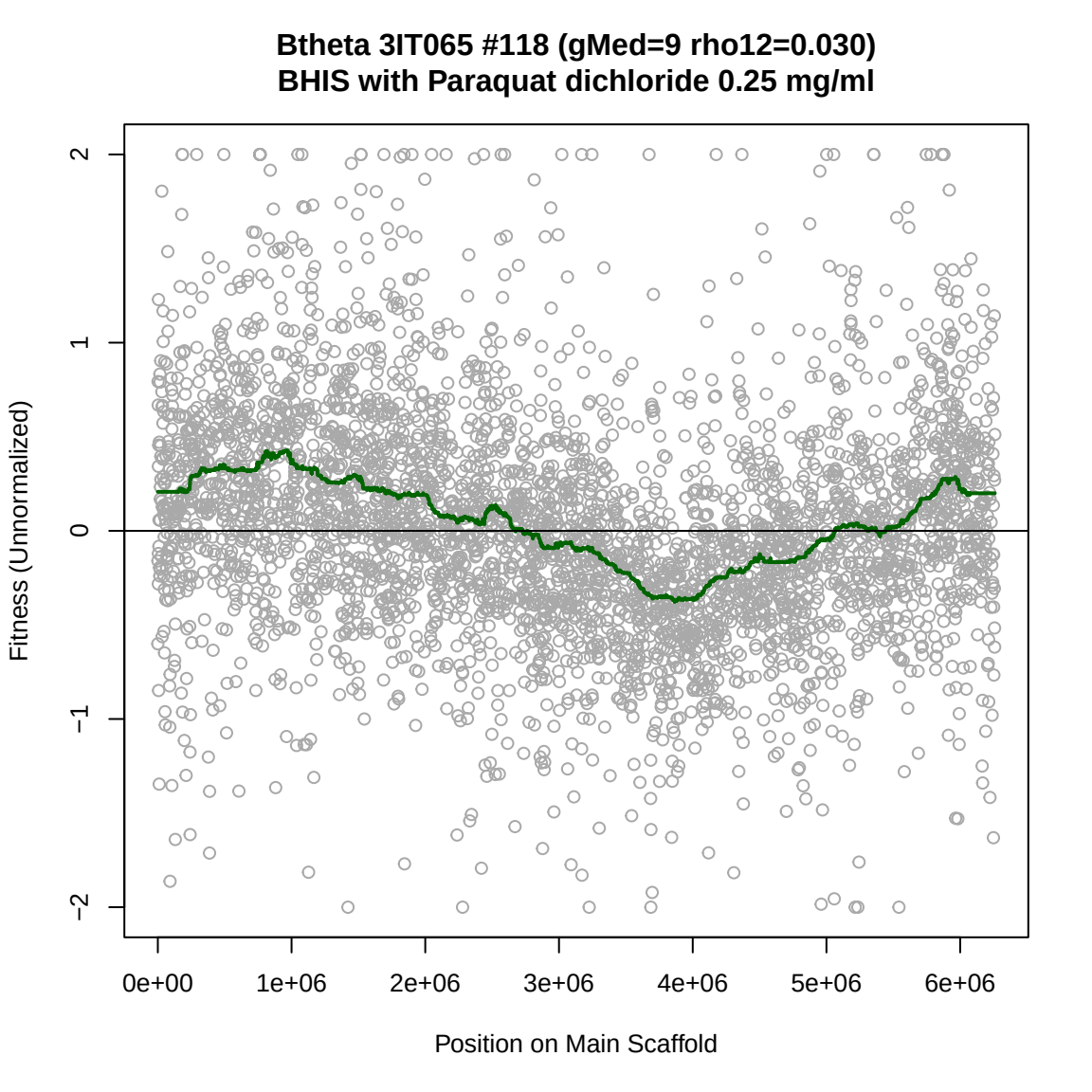

Btheta 3IT060 #113 (gMed=109 rho12=0.051)
BHIS with Cobalt chloride 3 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

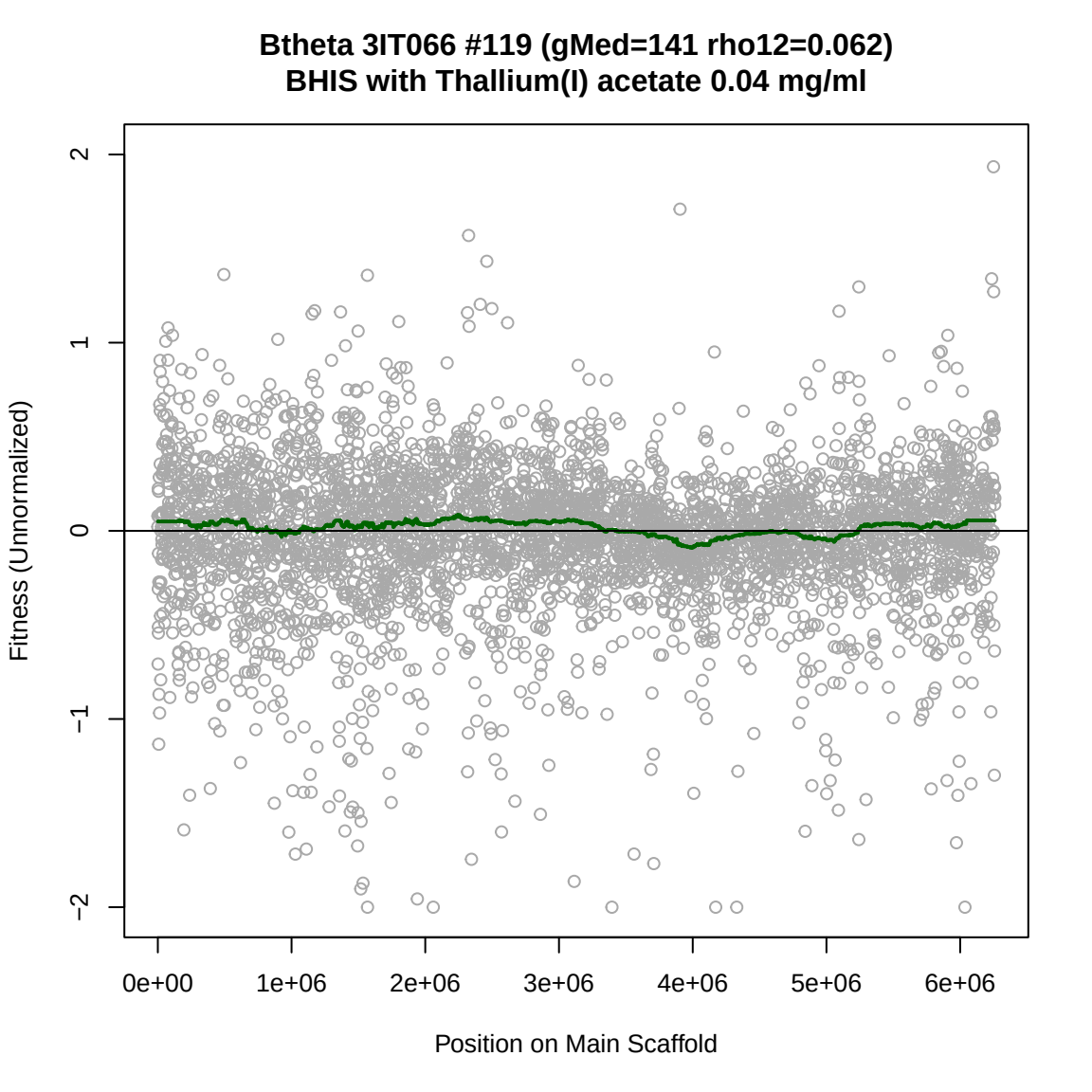

Btheta 3IT061 #114 (gMed=70 rho12=0.096)
BHIS with copper (II) chloride 2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

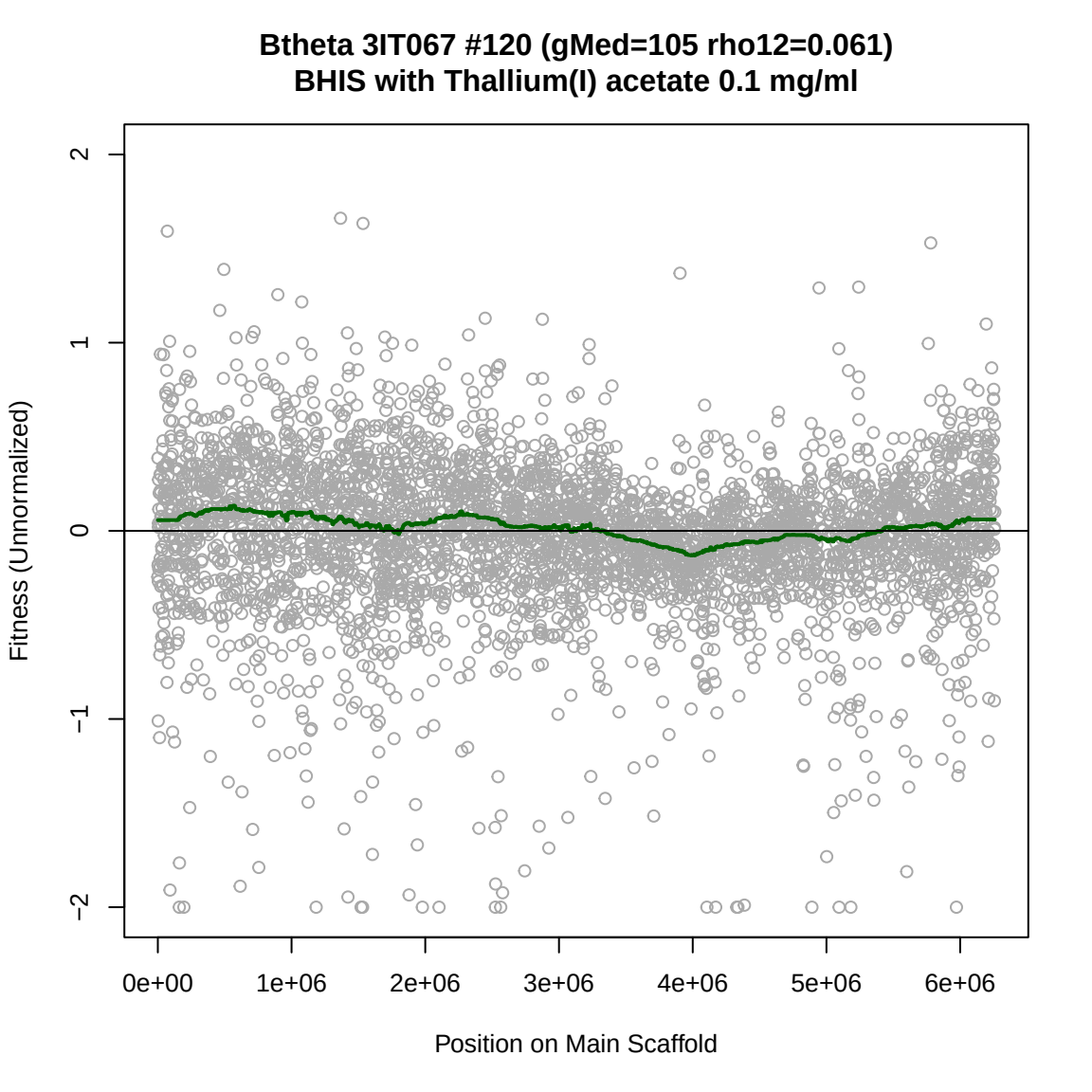

Btheta 3IT062 #115 (gMed=122 rho12=0.054)
BHIS with sodium fluoride 15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

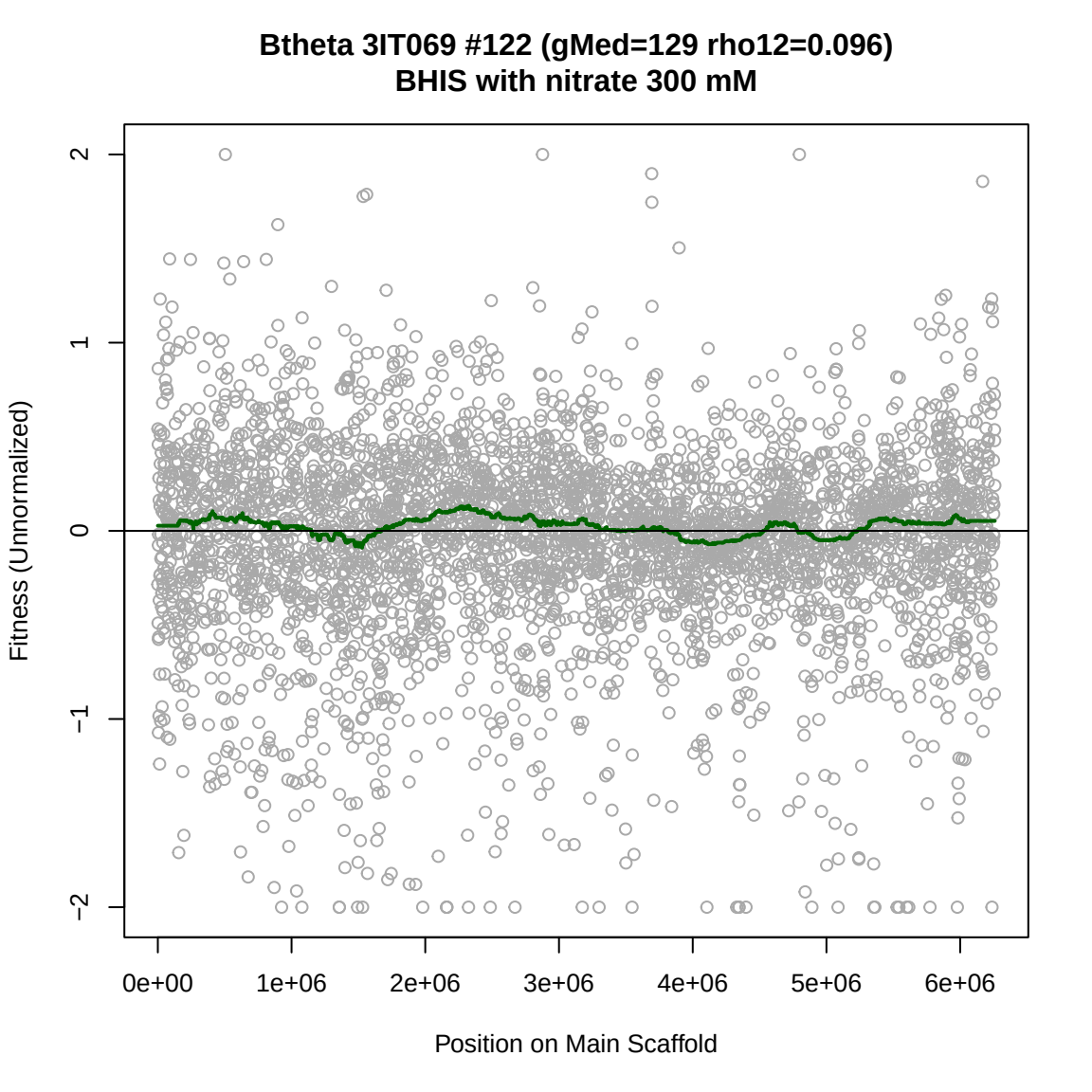

Btheta 3IT063 #116 (gMed=99 rho12=0.079)
BHIS with sodium fluoride 30 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

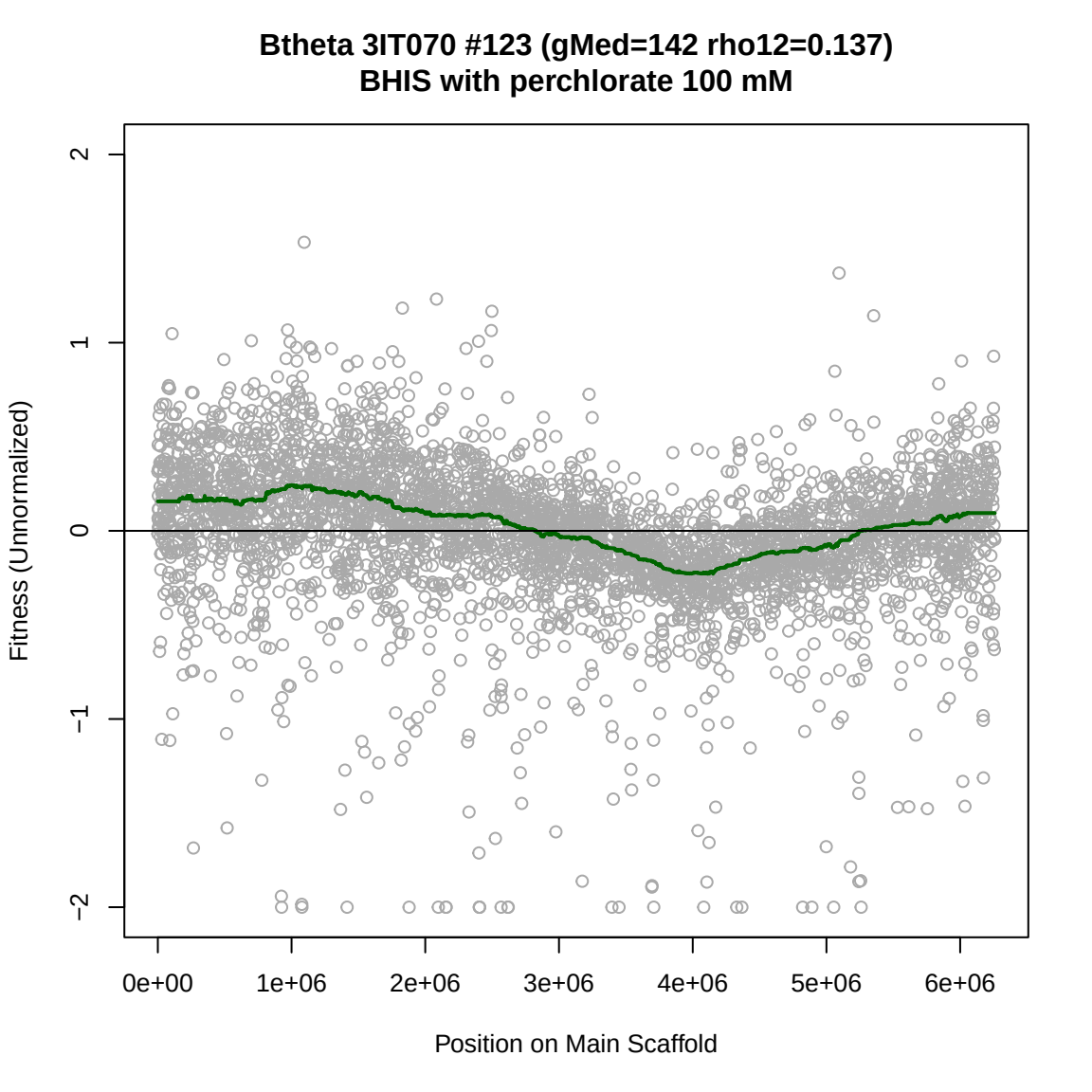

Btheta 3IT064 #117 (gMed=219 rho12=0.151)
BHIS with Paraquat dichloride 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

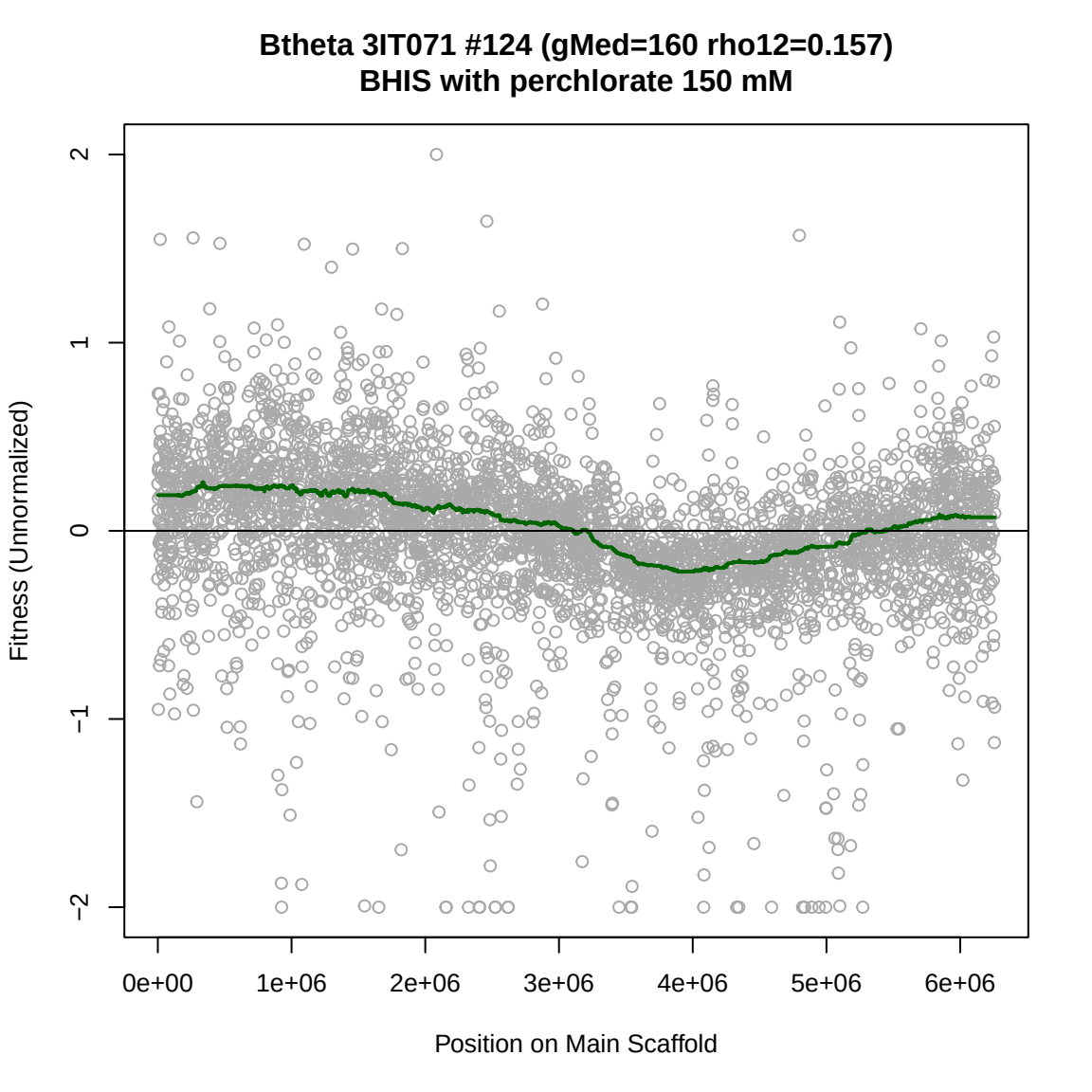

Btheta 3IT065 #118 (gMed=9 rho12=0.030)
BHIS with Paraquat dichloride 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

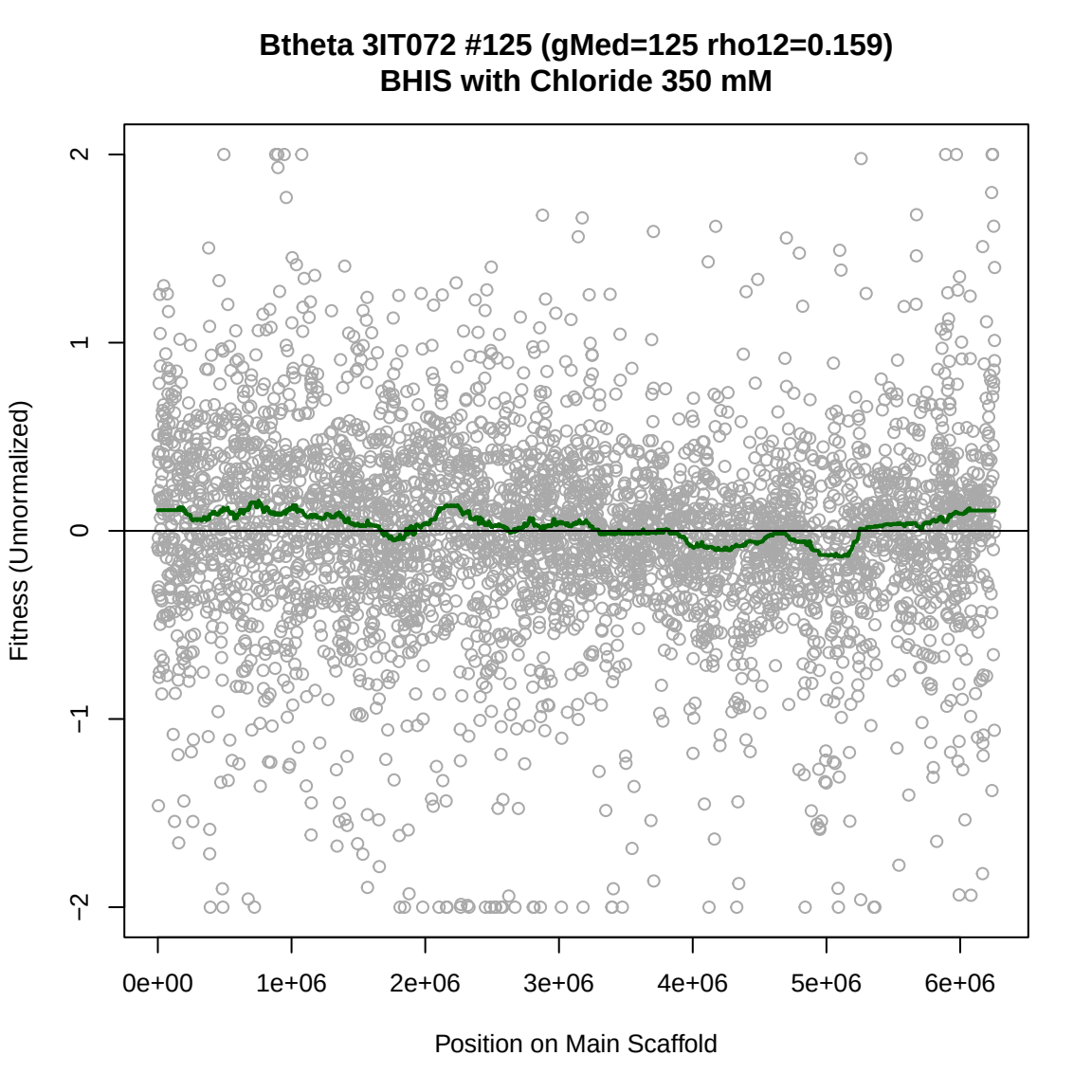

Btheta 3IT066 #119 (gMed=141 rho12=0.062)
BHIS with Thallium(I) acetate 0.04 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

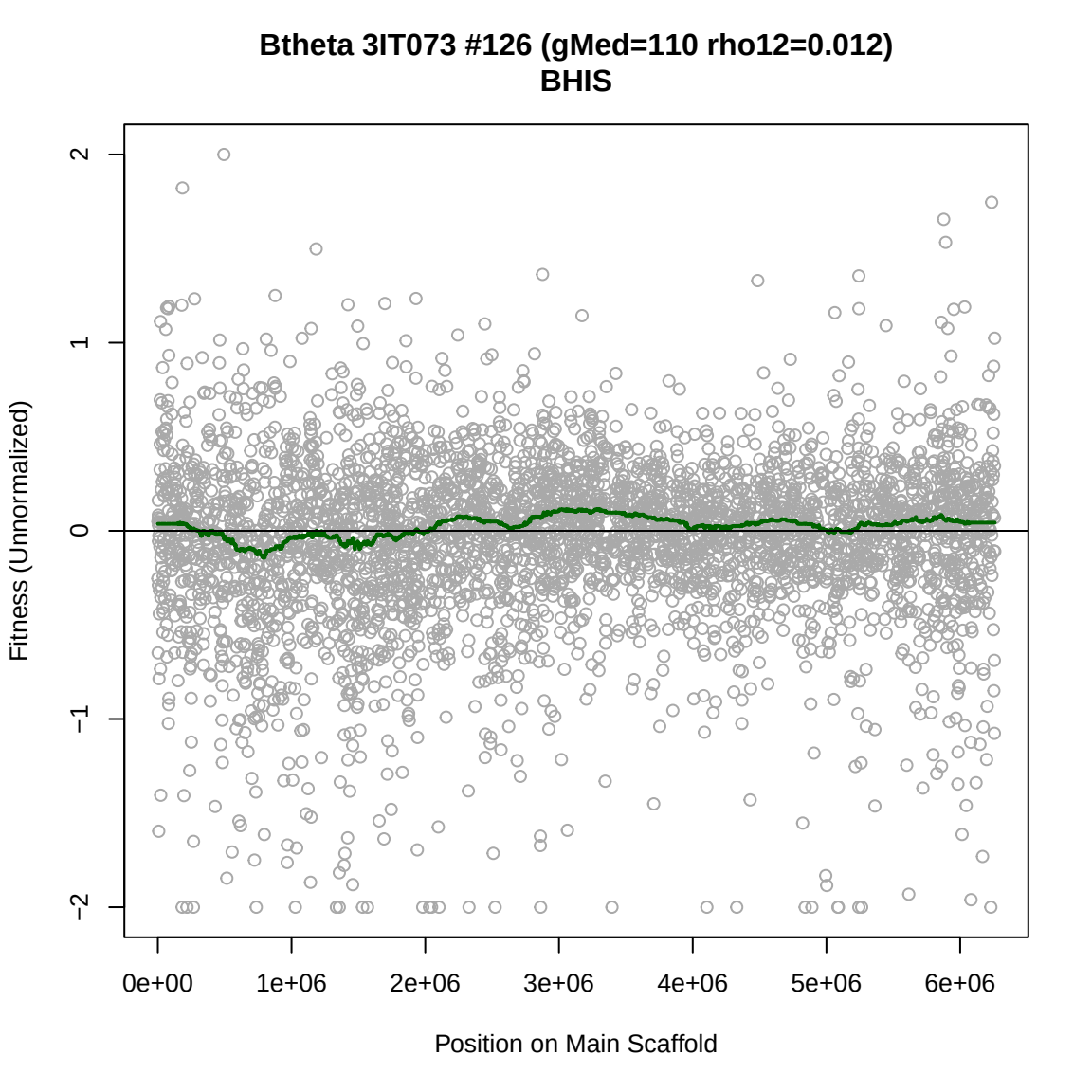

Btheta 3IT067 #120 (gMed=105 rho12=0.061)
BHIS with Thallium(I) acetate 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

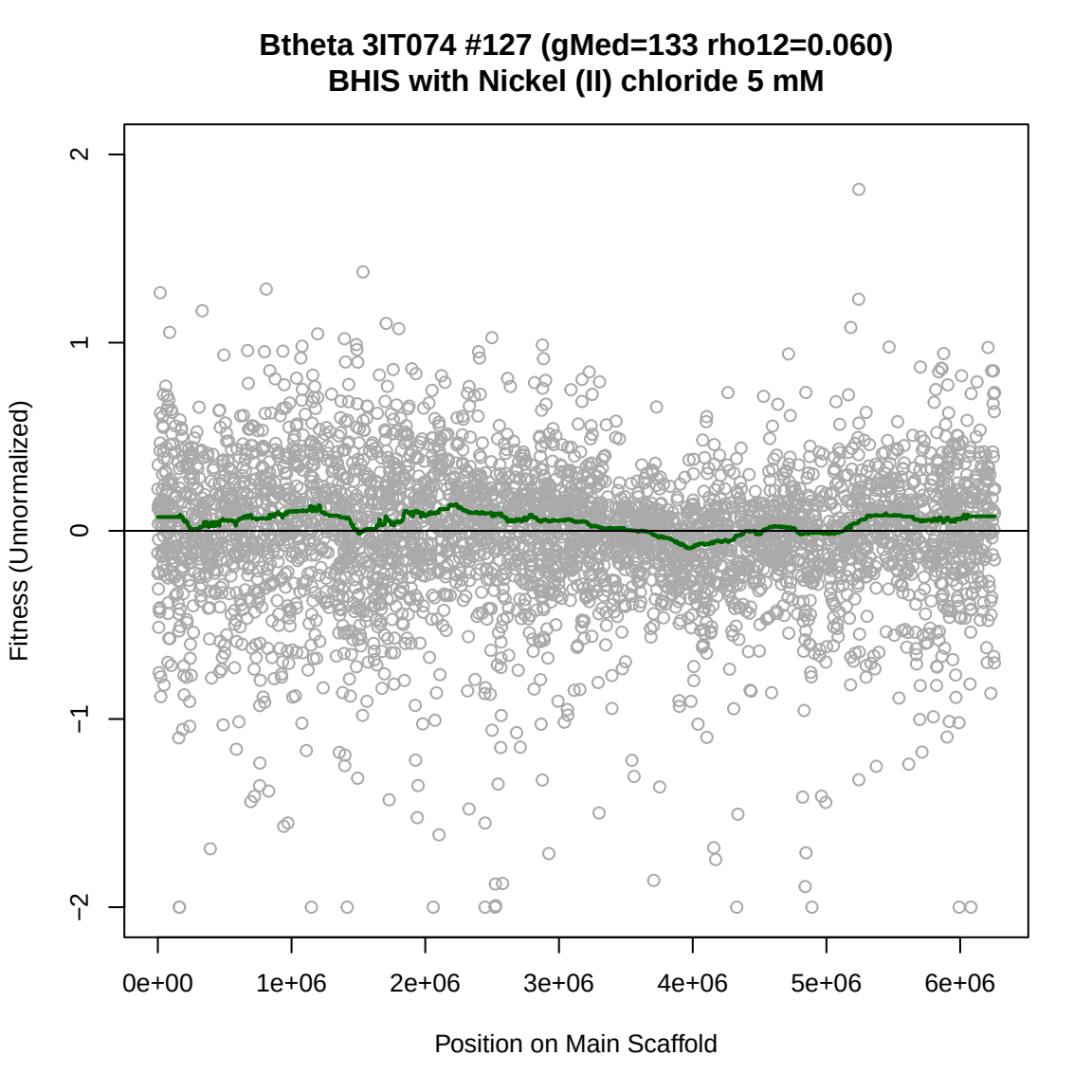

Btheta 3IT069 #122 (gMed=129 rho12=0.096)
BHIS with nitrate 300 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

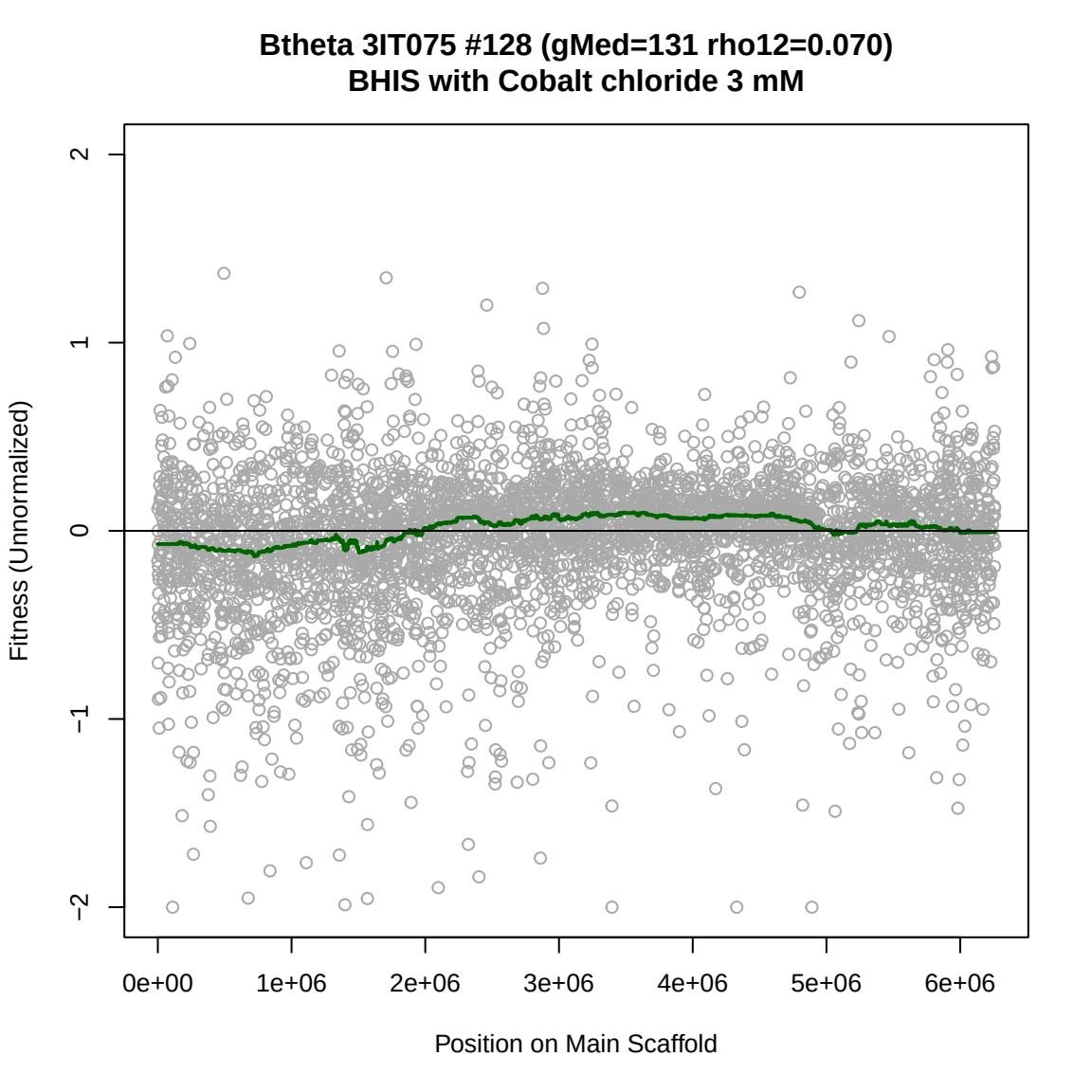

Btheta 3IT070 #123 (gMed=142 rho12=0.137)
BHIS with perchlorate 100 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

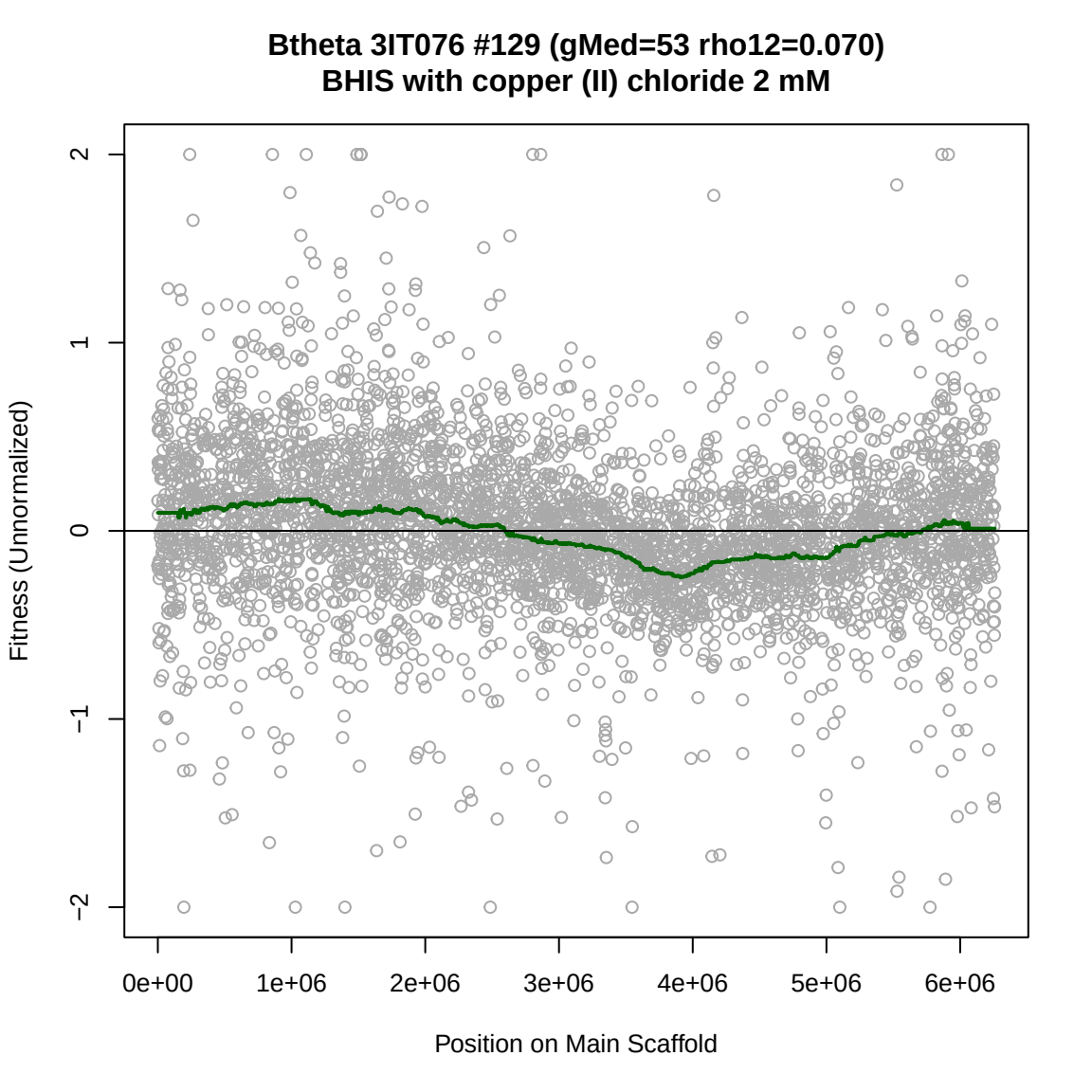

Btheta 3IT071 #124 (gMed=160 rho12=0.157)
BHIS with perchlorate 150 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

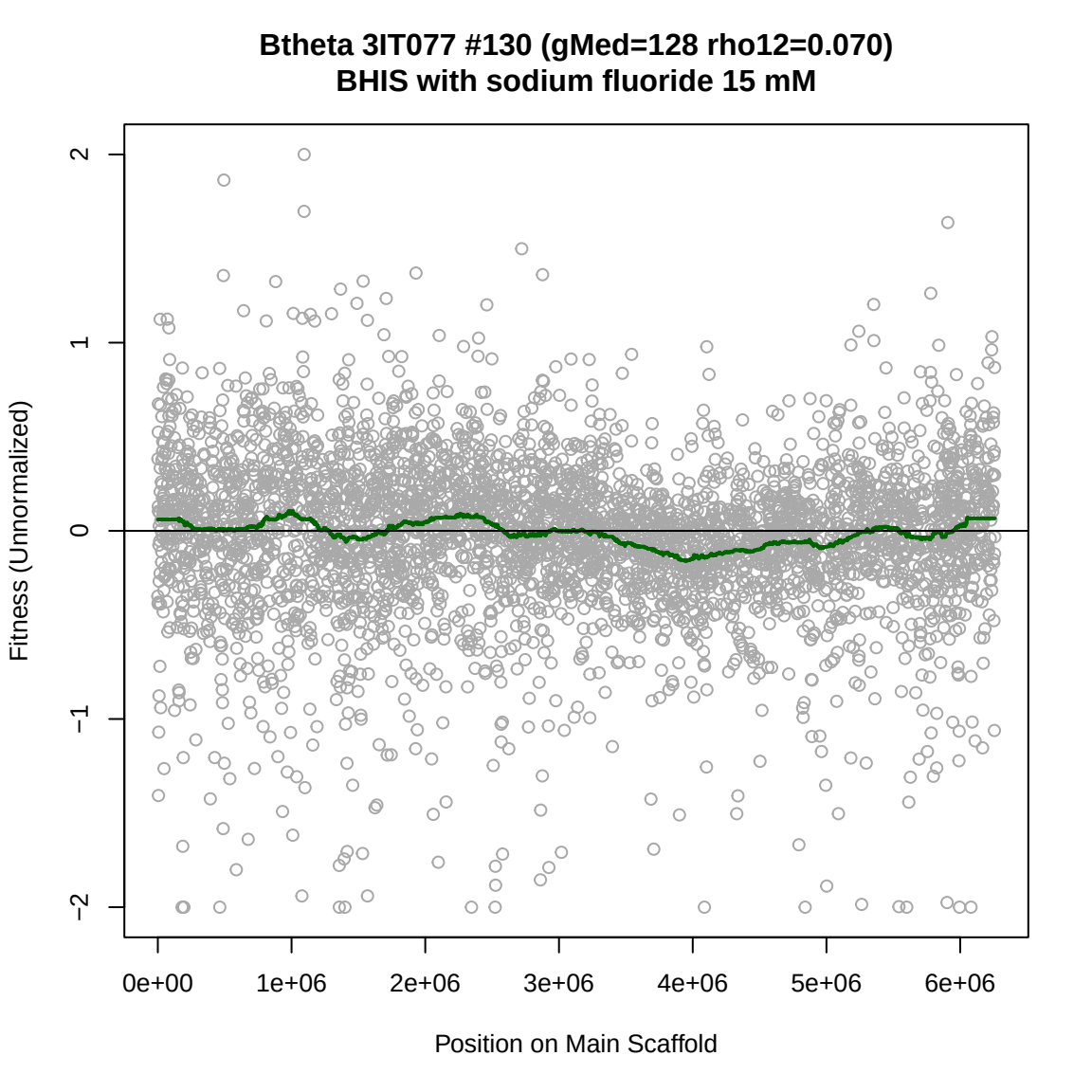

Btheta 3IT072 #125 (gMed=125 rho12=0.159)
BHIS with Chloride 350 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

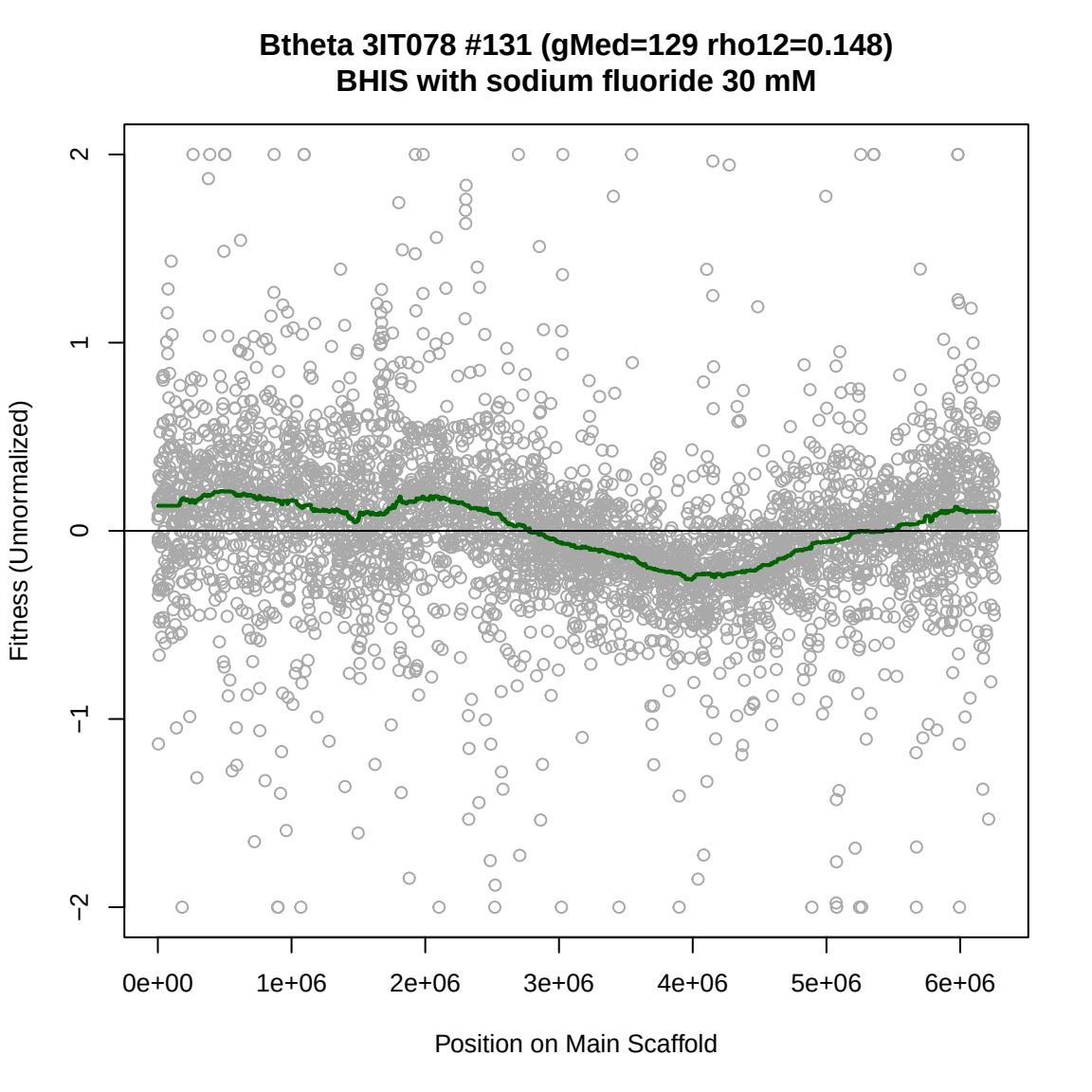

Btheta 3IT073 #126 (gMed=110 rho12=0.012)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

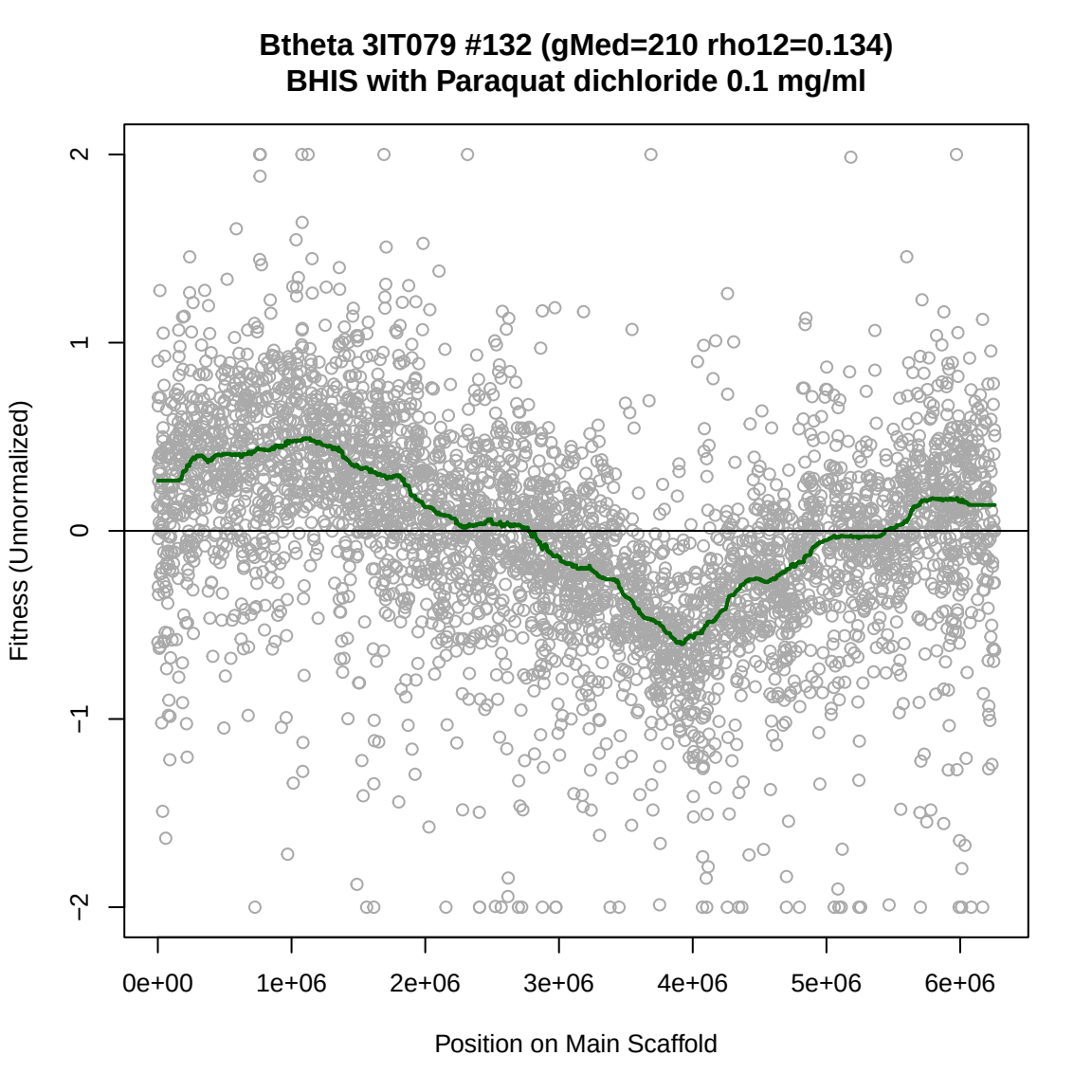

Btheta 3IT074 #127 (gMed=133 rho12=0.060)
BHIS with Nickel (II) chloride 5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

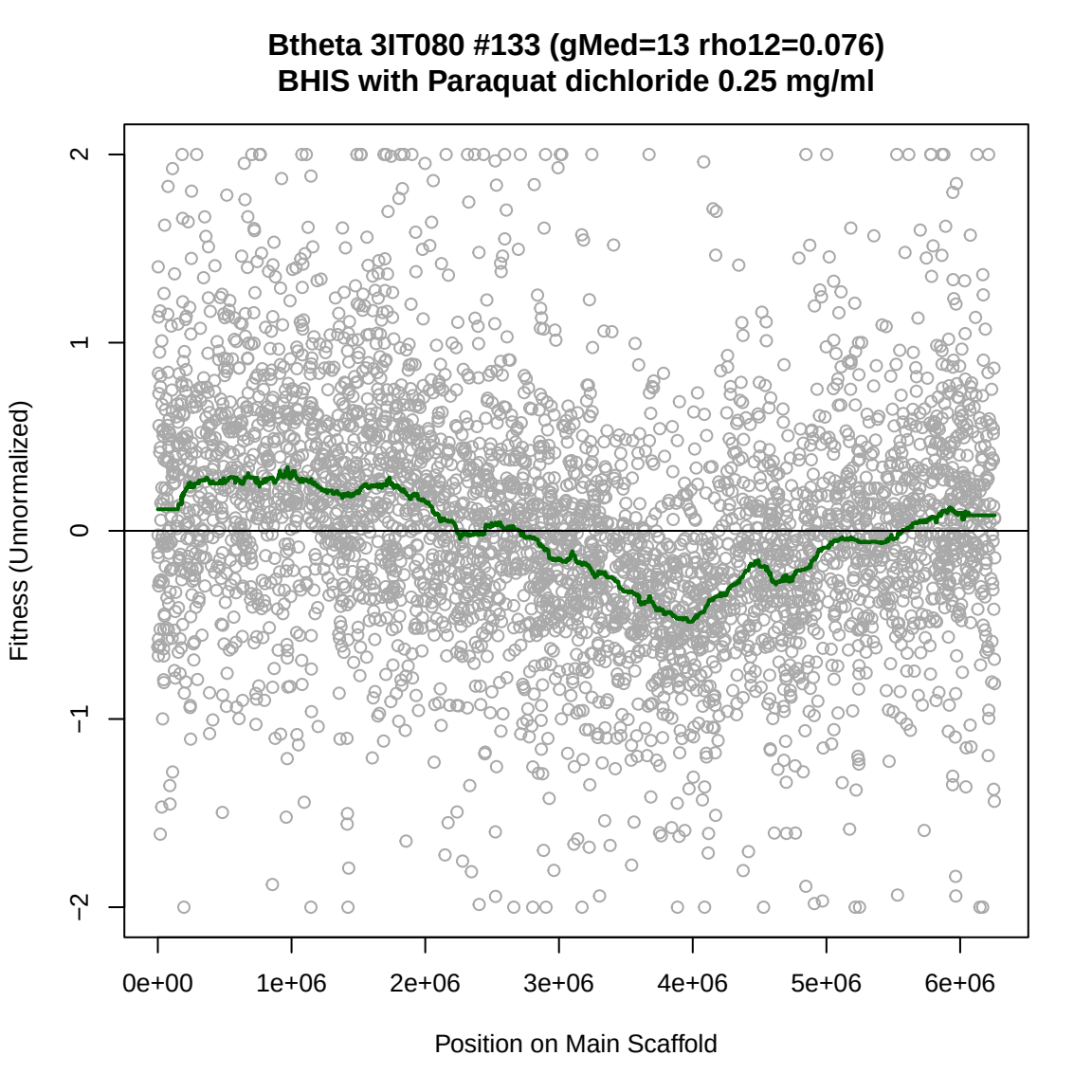

Btheta 3IT075 #128 (gMed=131 rho12=0.070)
BHIS with Cobalt chloride 3 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

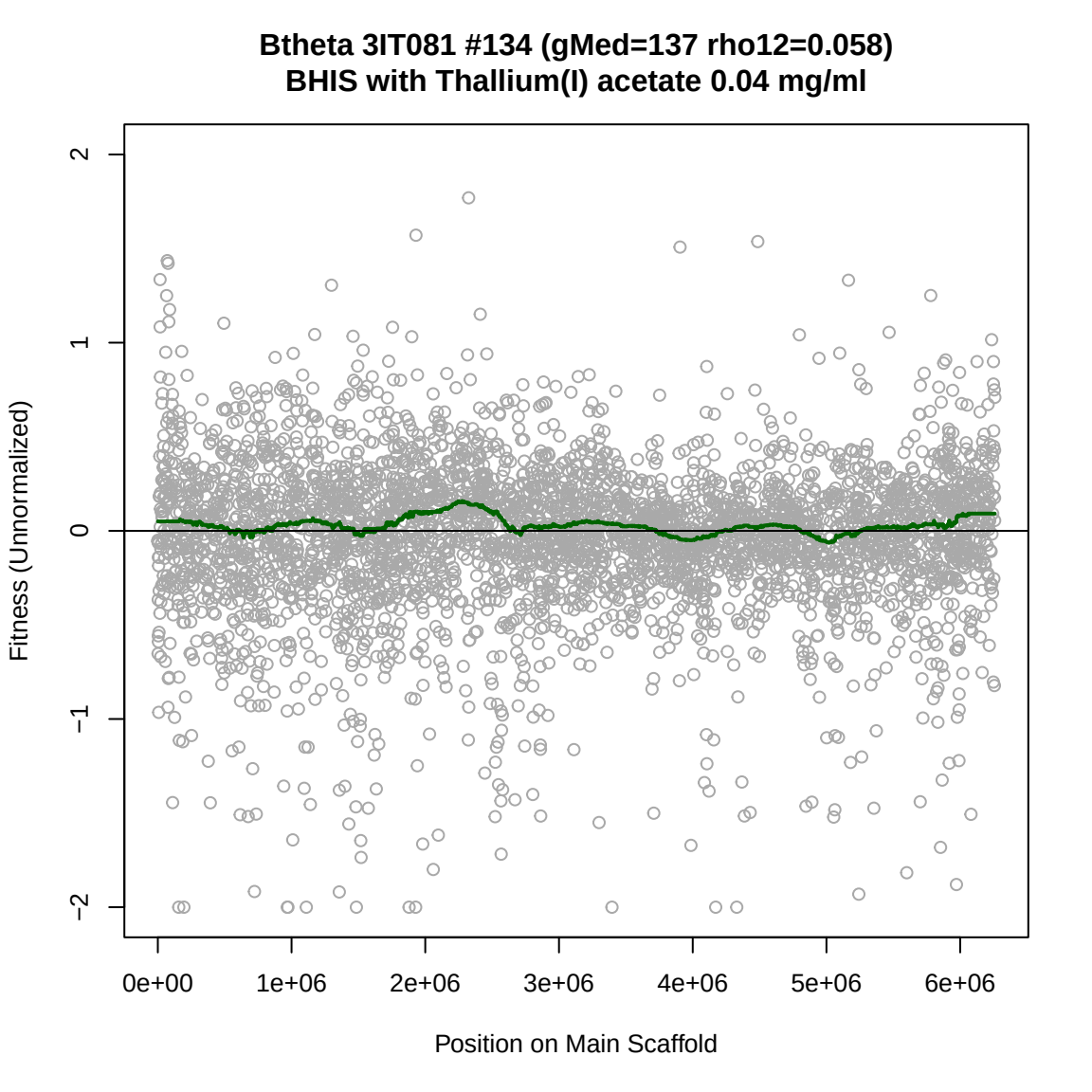

Btheta 3IT076 #129 (gMed=53 rho12=0.070)
BHIS with copper (II) chloride 2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

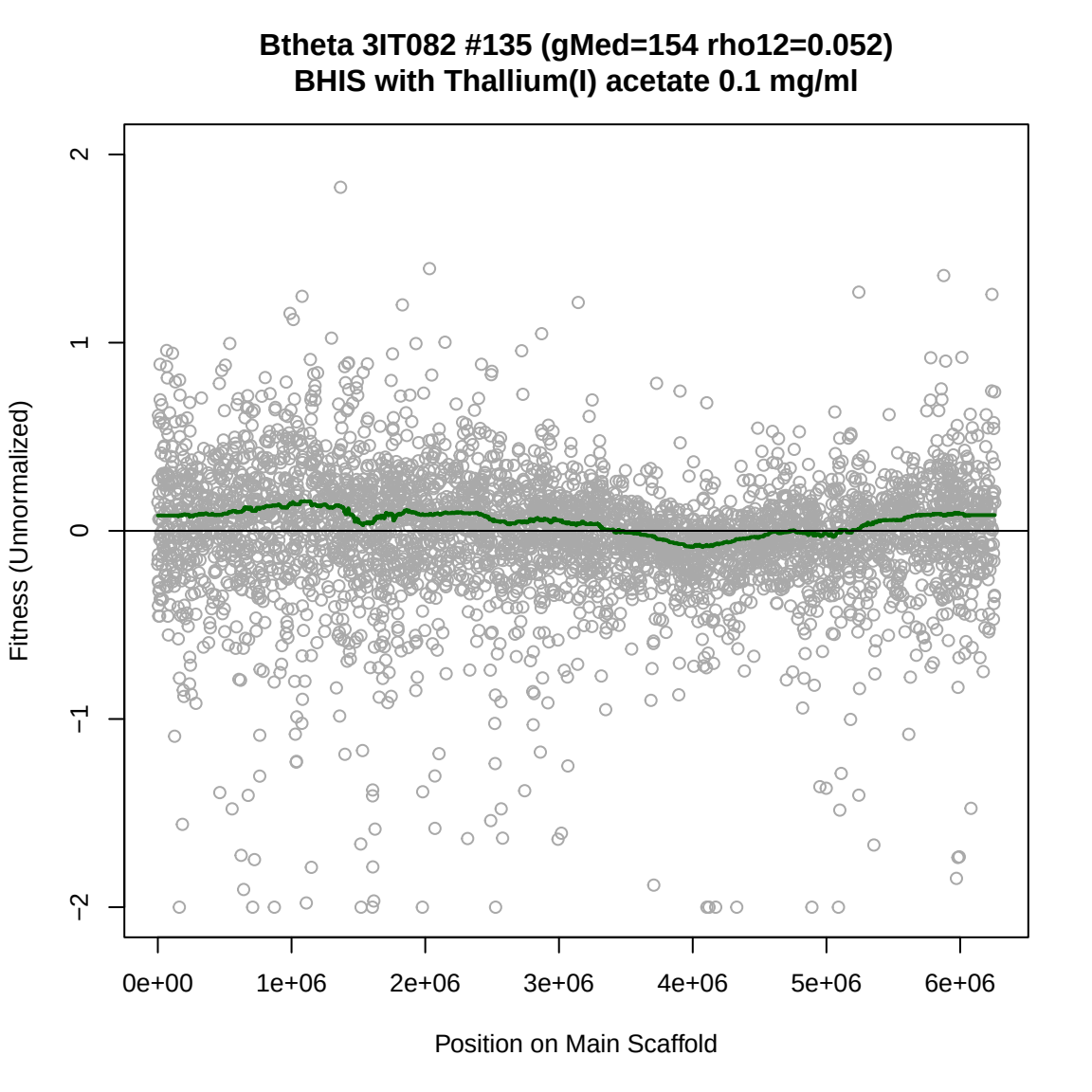

Btheta 3IT077 #130 (gMed=128 rho12=0.070)
BHIS with sodium fluoride 15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

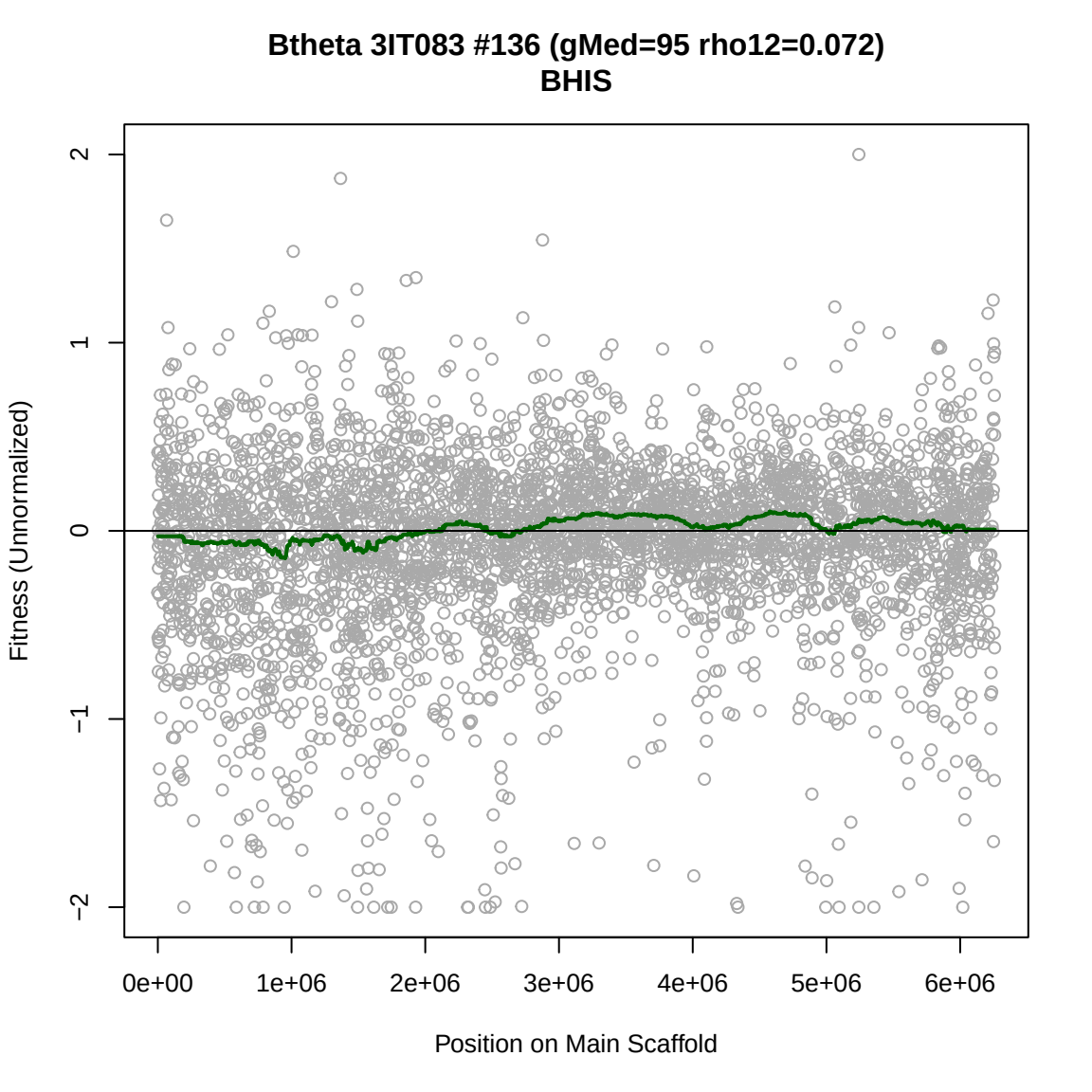

Btheta 3IT078 #131 (gMed=129 rho12=0.148)
BHIS with sodium fluoride 30 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

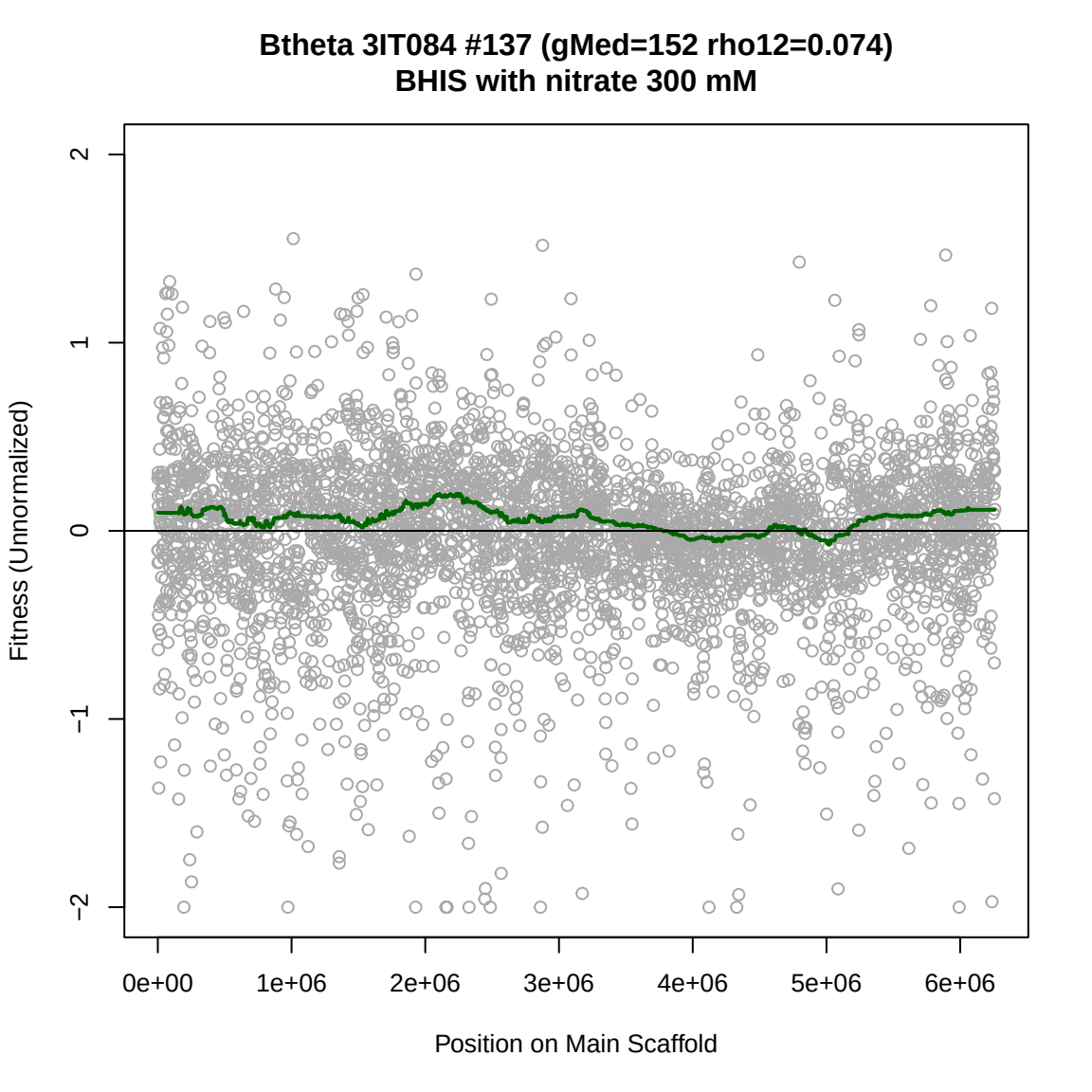

Btheta 3IT079 #132 (gMed=210 rho12=0.134)
BHIS with Paraquat dichloride 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

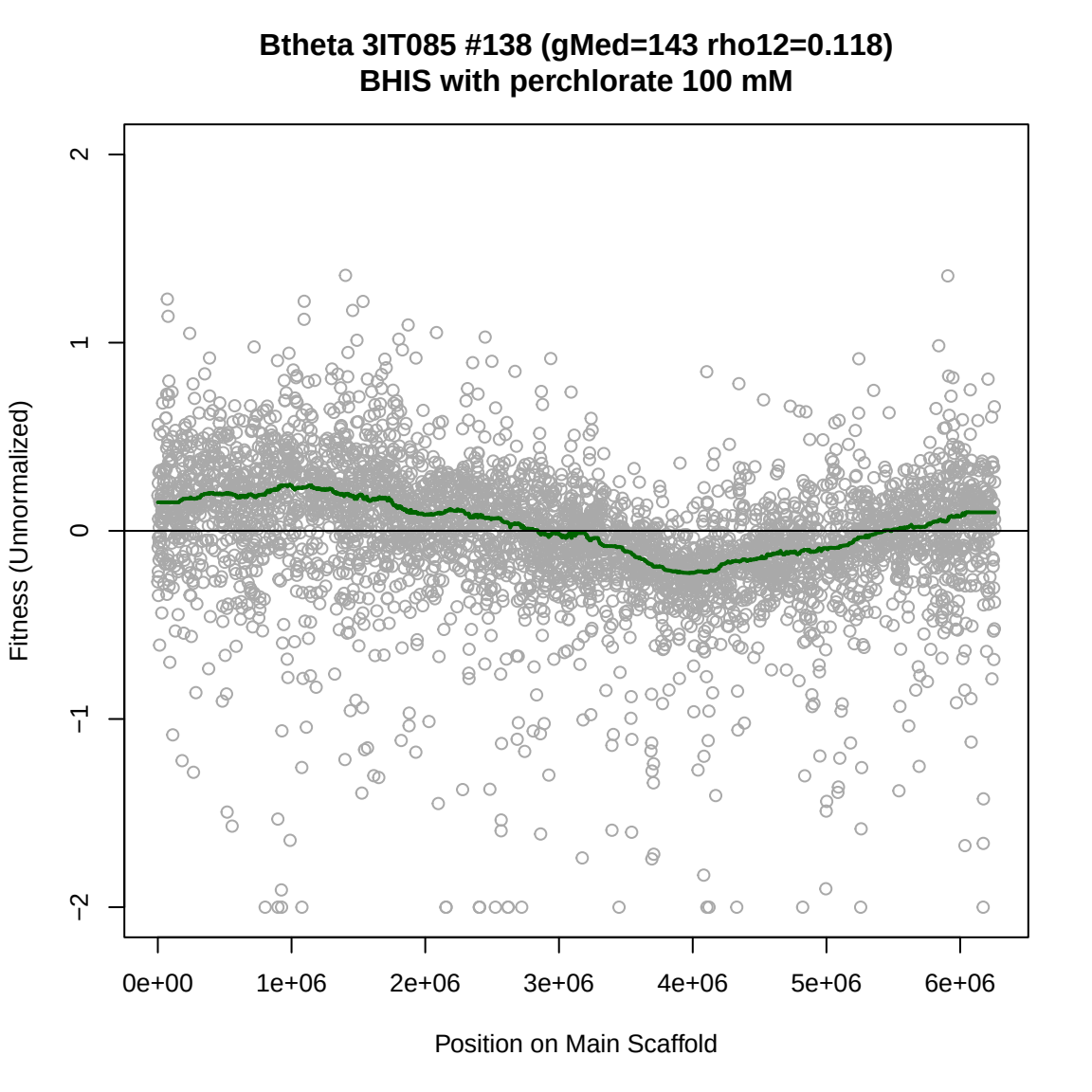

Btheta 3IT080 #133 (gMed=13 rho12=0.076)
BHIS with Paraquat dichloride 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

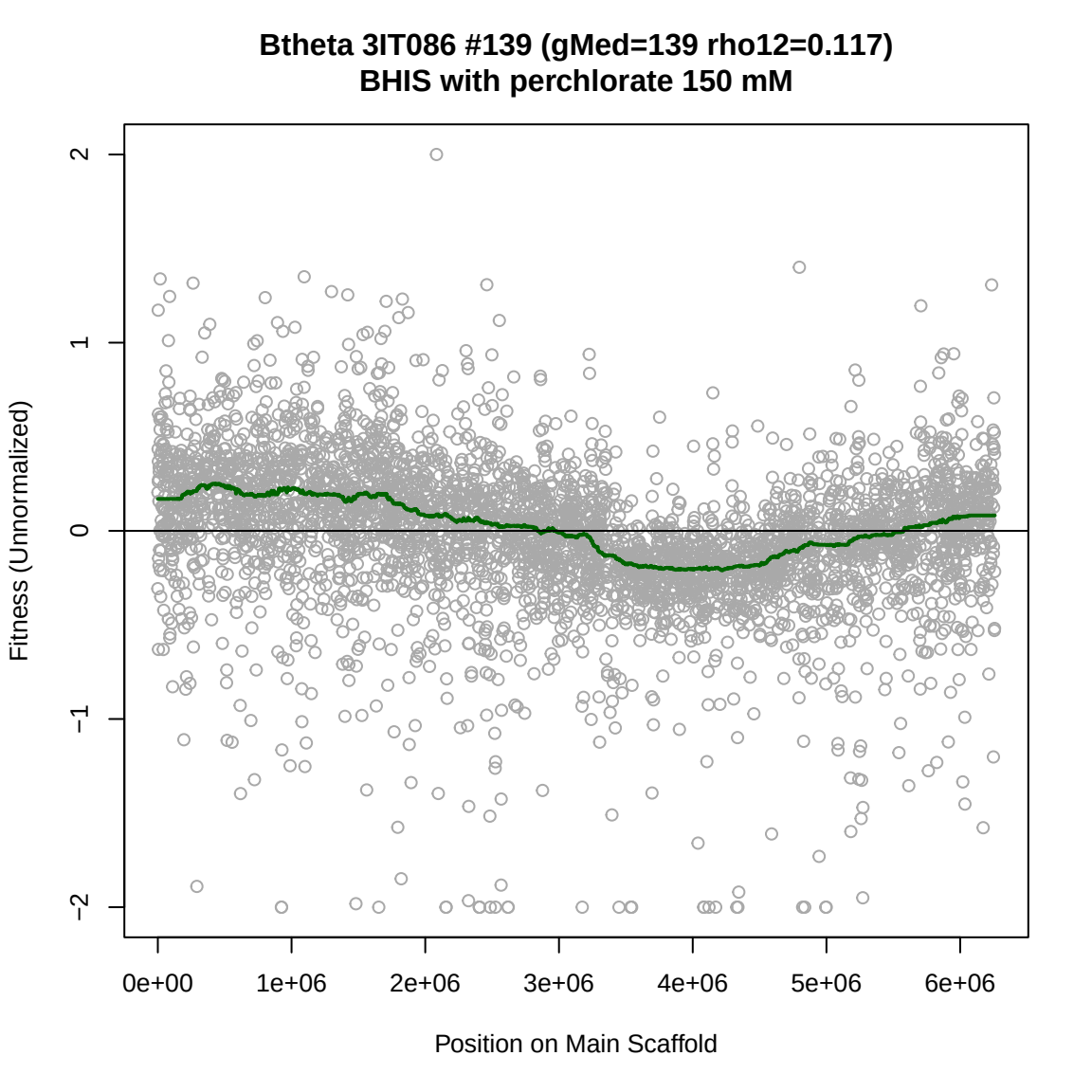

Btheta 3IT081 #134 (gMed=137 rho12=0.058)
BHIS with Thallium(I) acetate 0.04 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

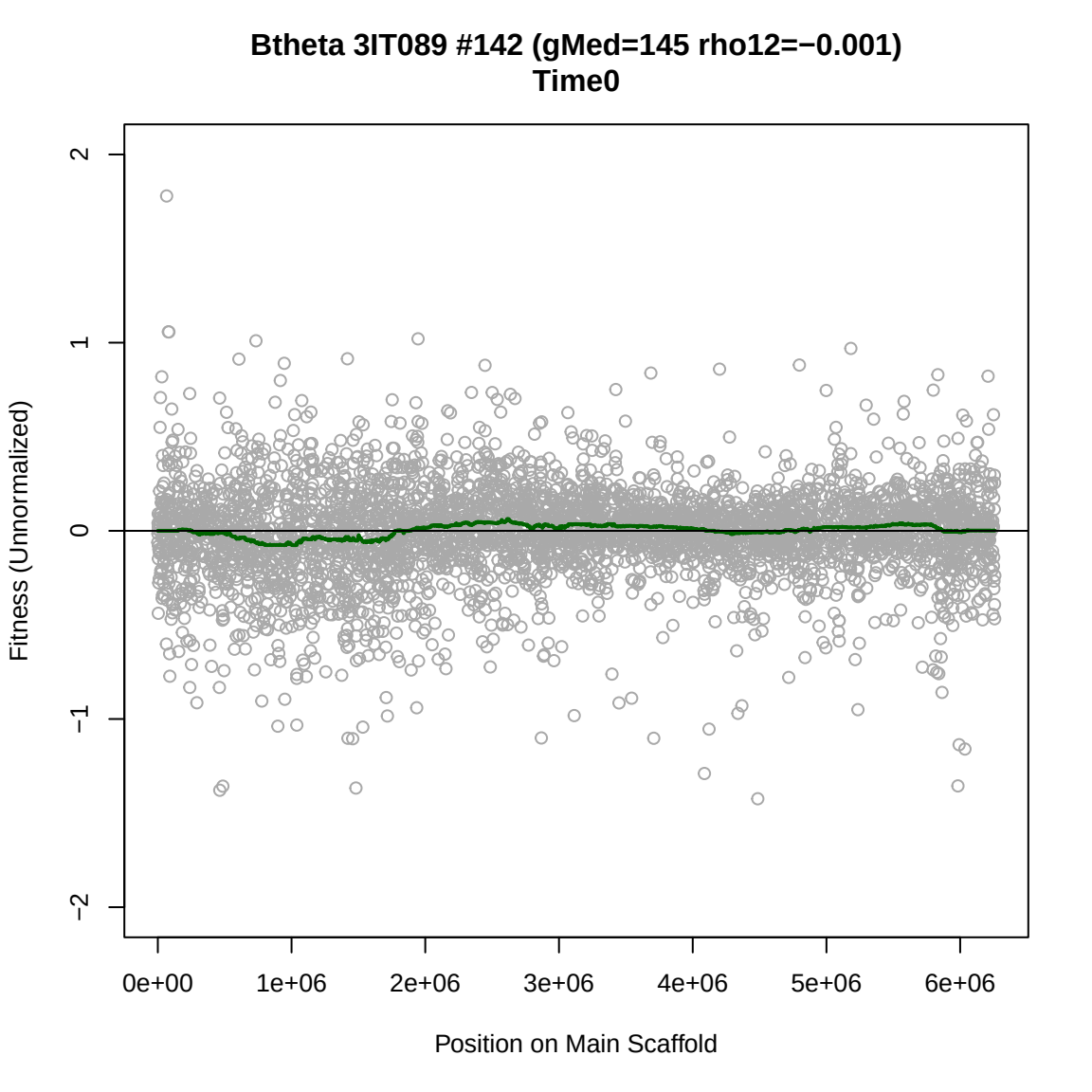

Btheta 3IT082 #135 (gMed=154 rho12=0.052)
BHIS with Thallium(I) acetate 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

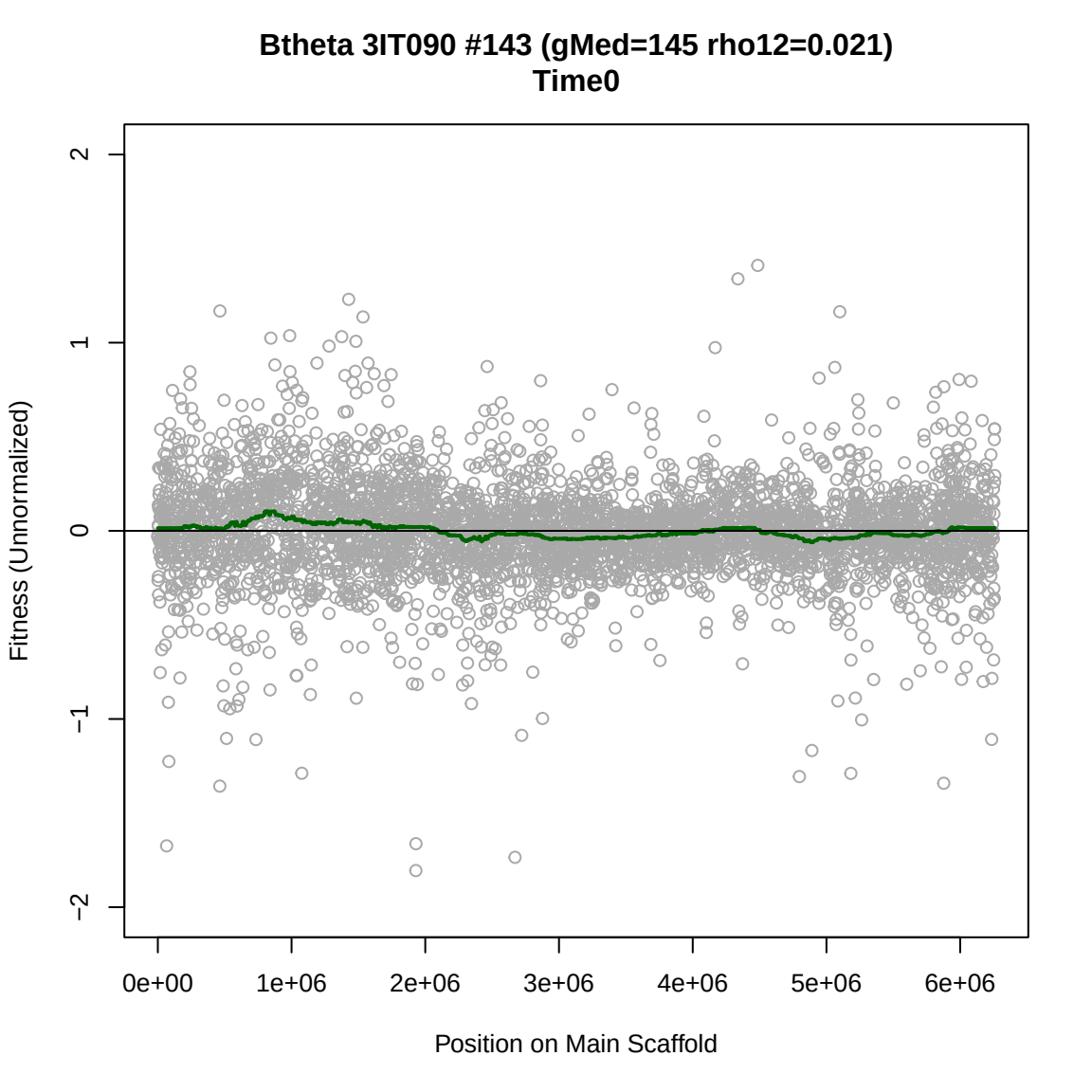

Btheta 3IT083 #136 (gMed=95 rho12=0.072)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

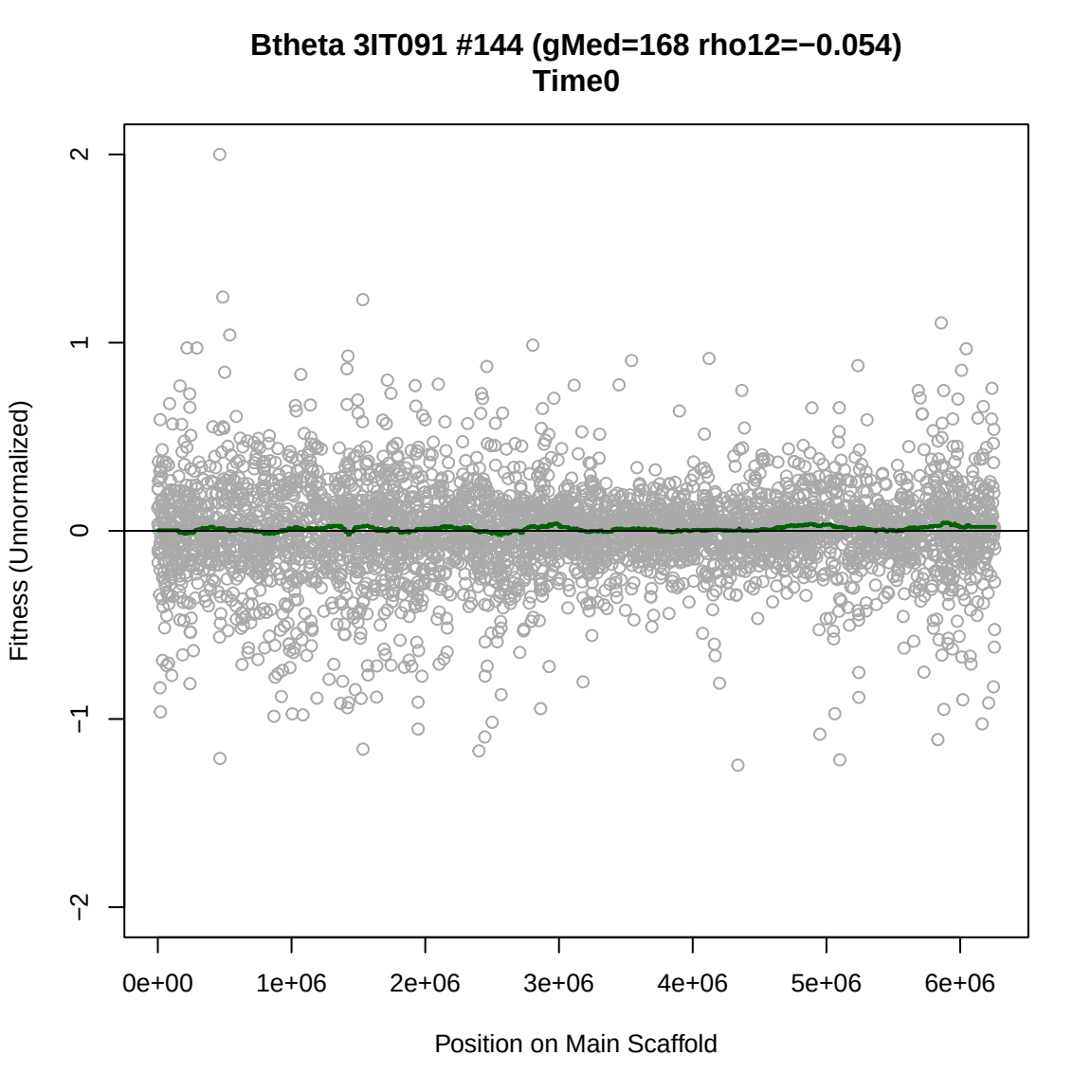

Btheta 3IT084 #137 (gMed=152 rho12=0.074)
BHIS with nitrate 300 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

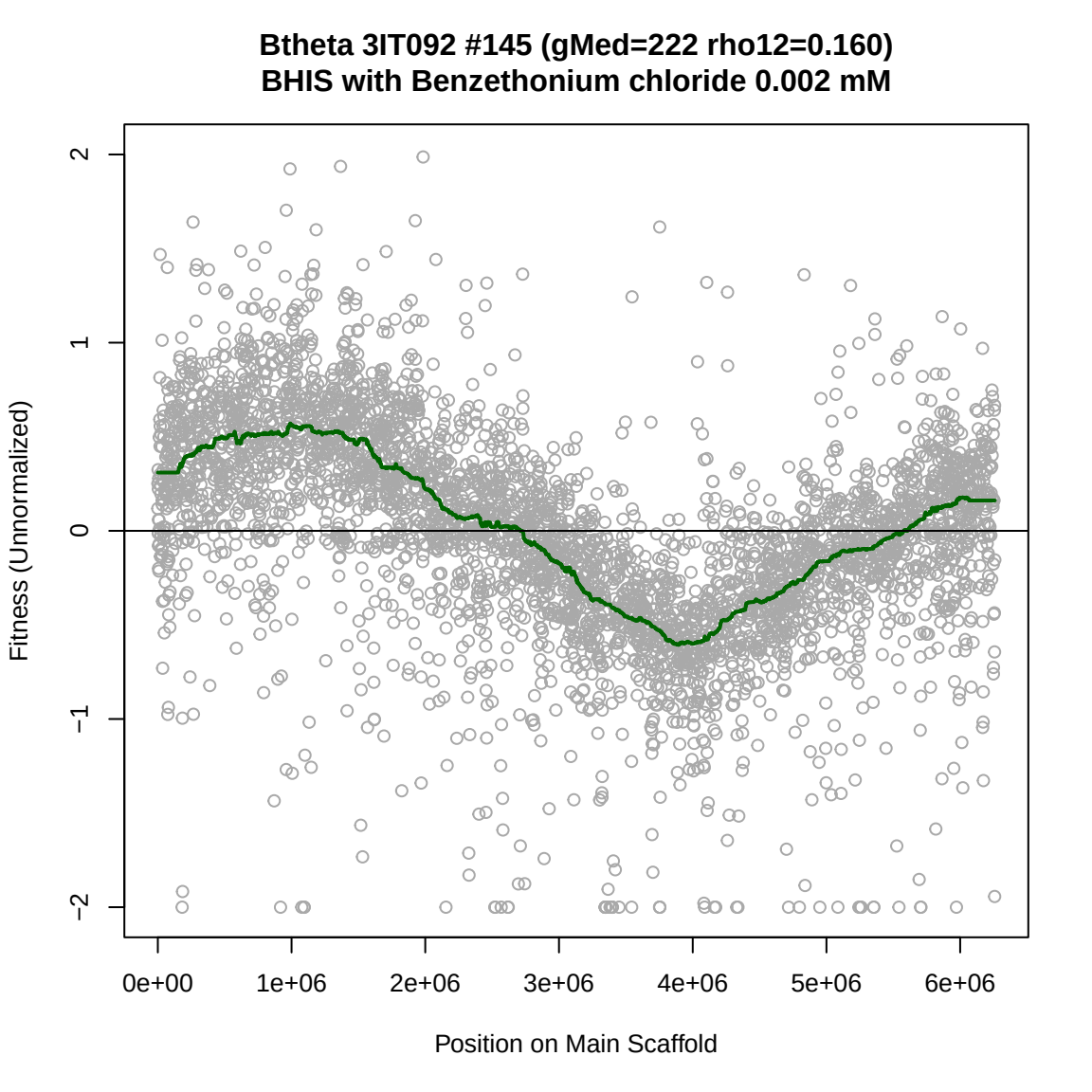

Btheta 3IT085 #138 (gMed=143 rho12=0.118)
BHIS with perchlorate 100 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

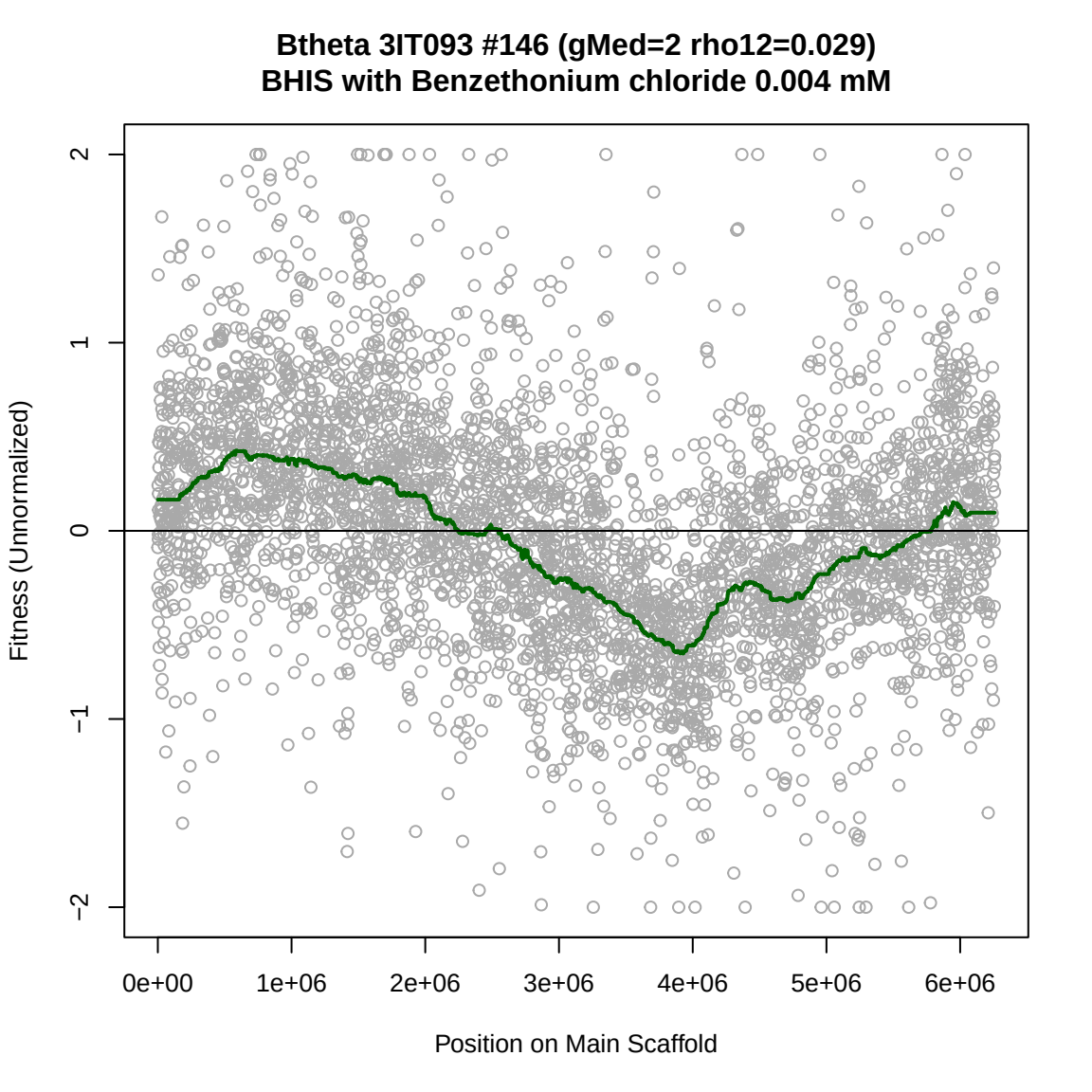

Btheta 3IT086 #139 (gMed=139 rho12=0.117)
BHIS with perchlorate 150 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

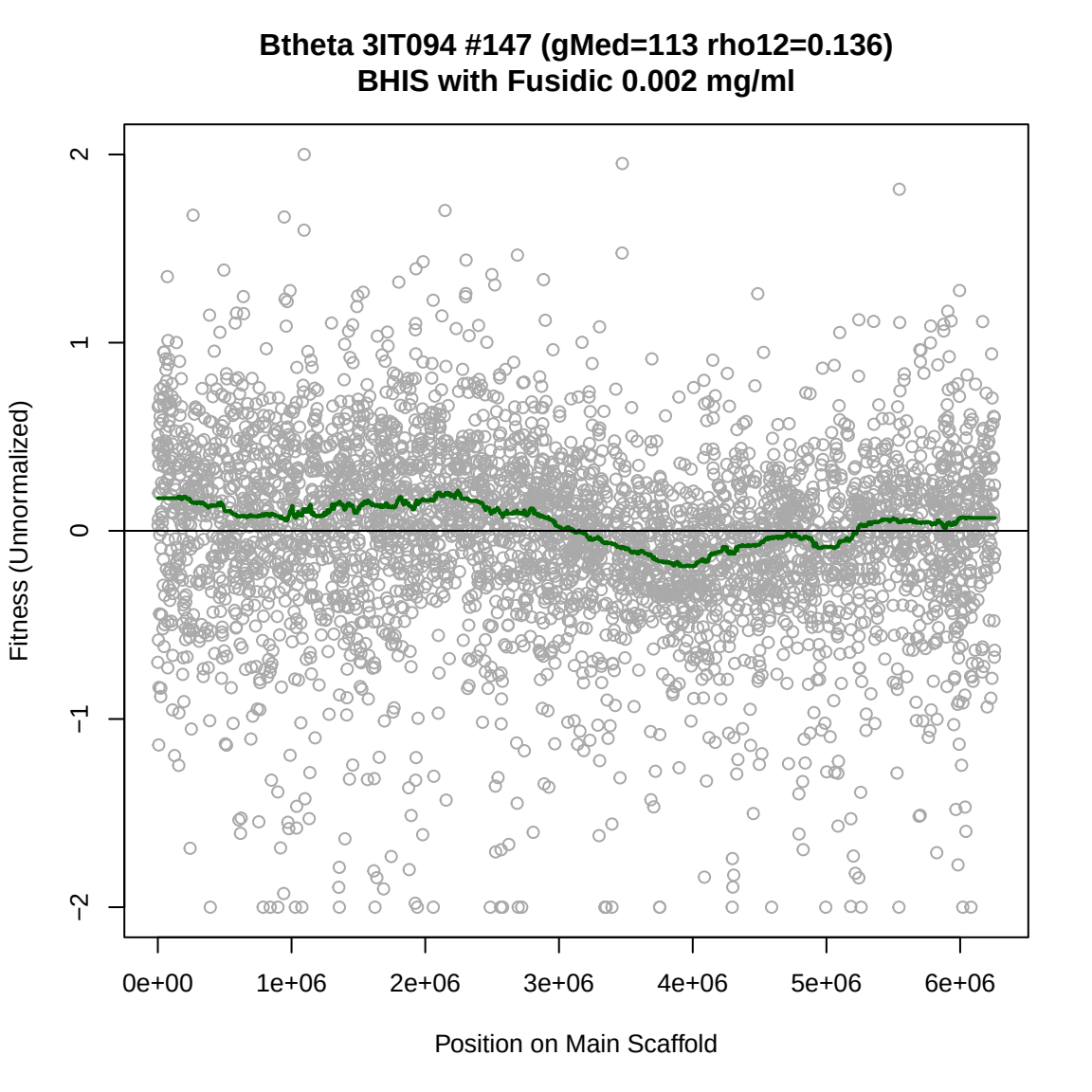

Btheta 3IT089 #142 (gMed=145 rho12=−0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

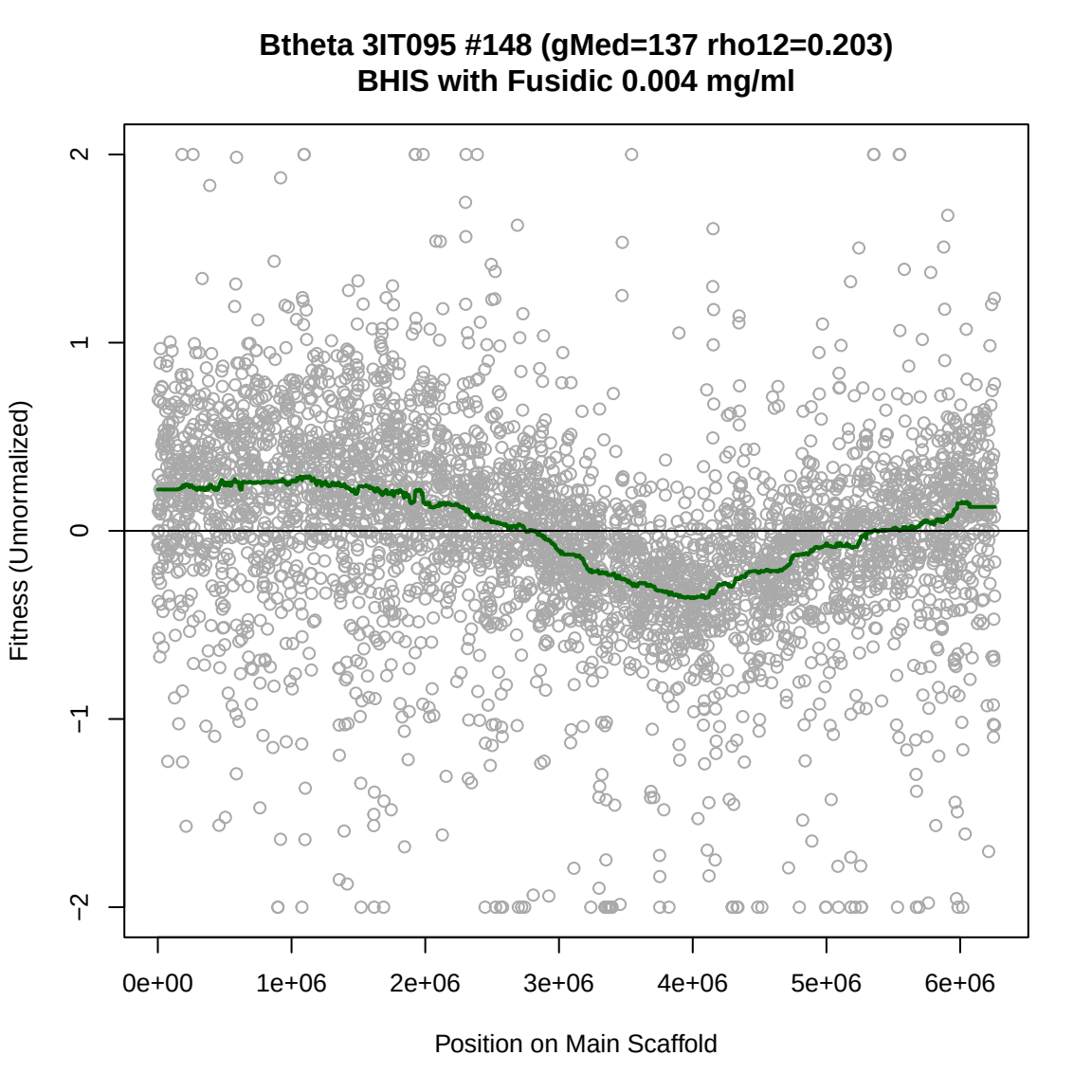

Btheta 3IT090 #143 (gMed=145 rho12=0.021)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

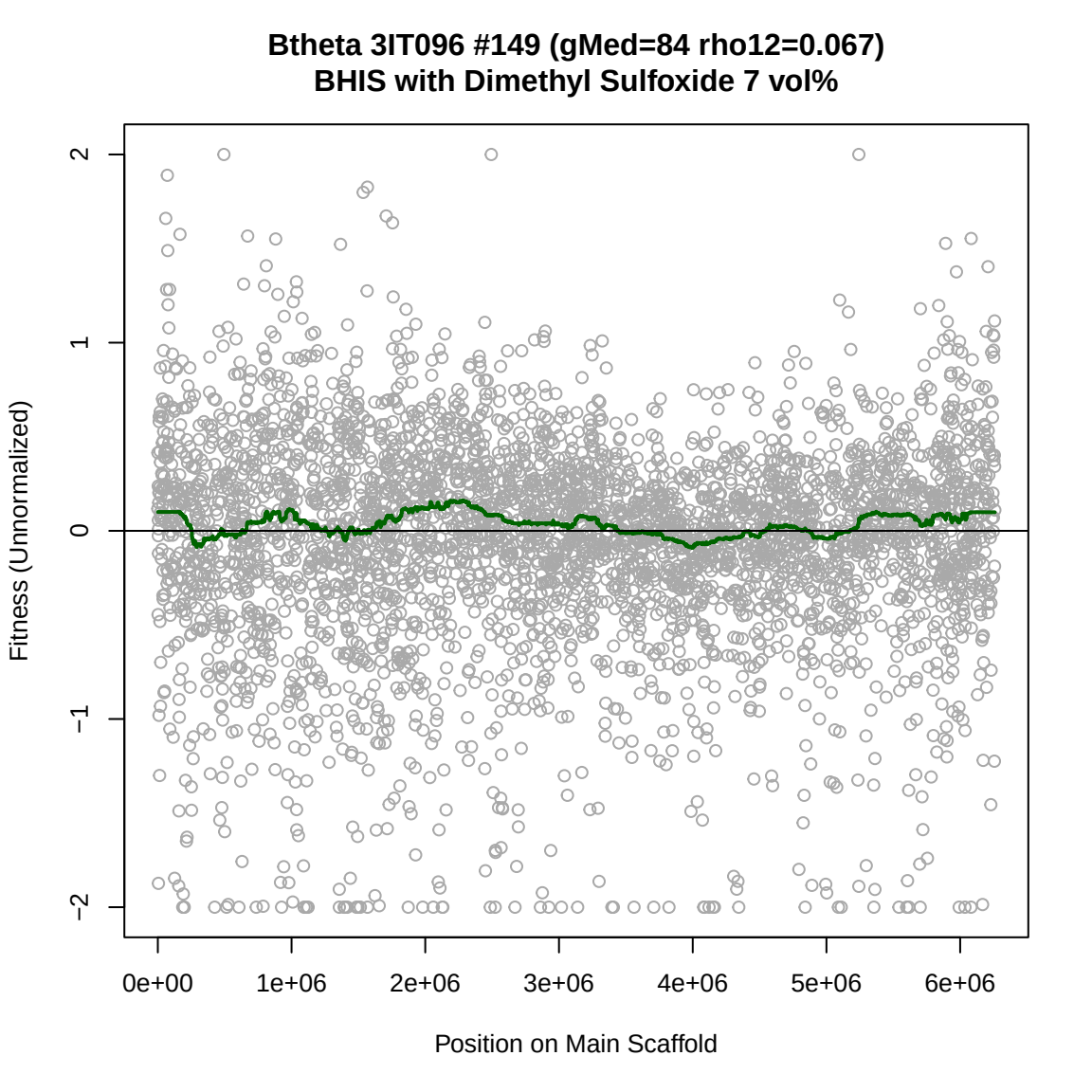

Btheta 3IT091 #144 (gMed=168 rho12=−0.054)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

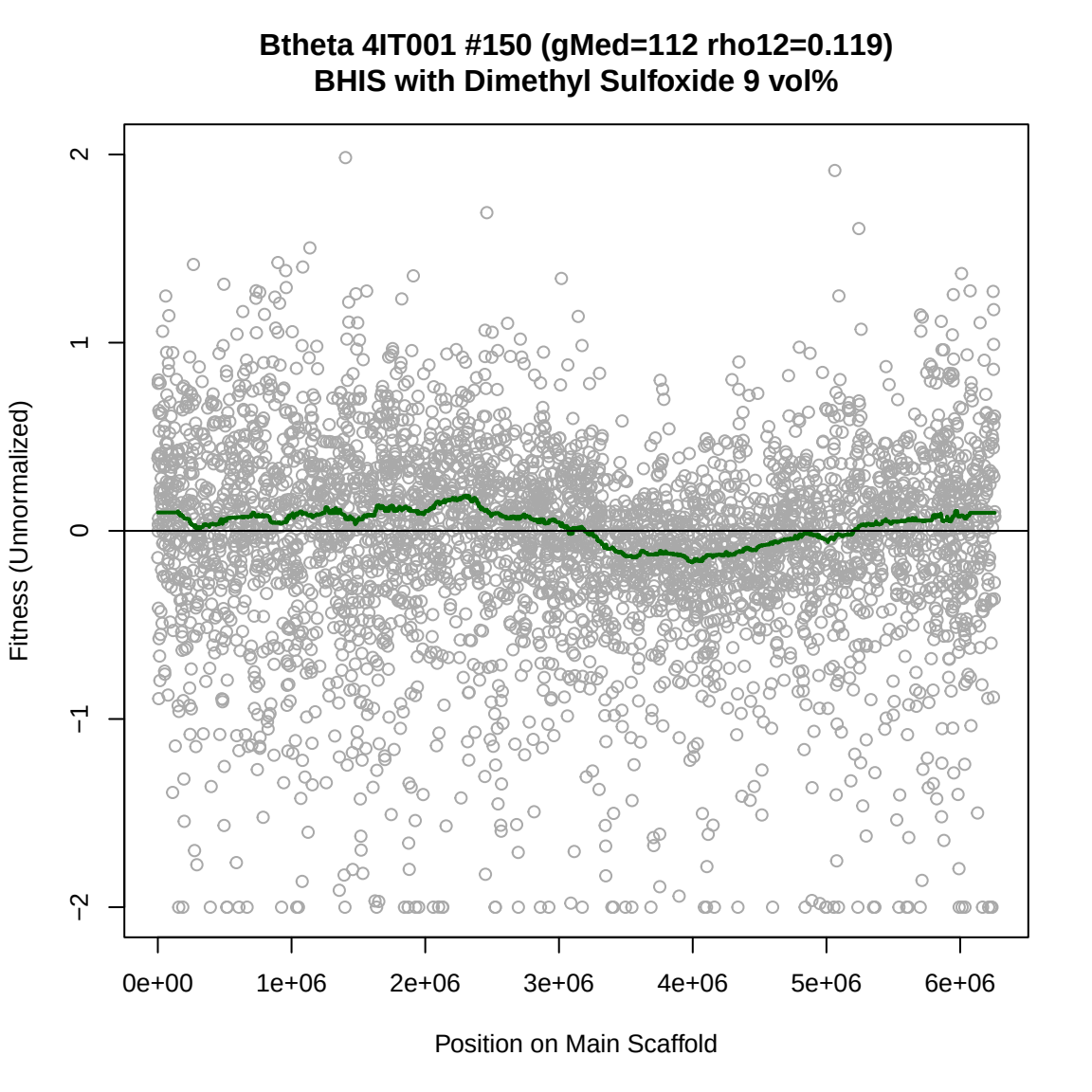

Btheta 3IT092 #145 (gMed=222 rho12=0.160)
BHIS with Benzethonium chloride 0.002 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

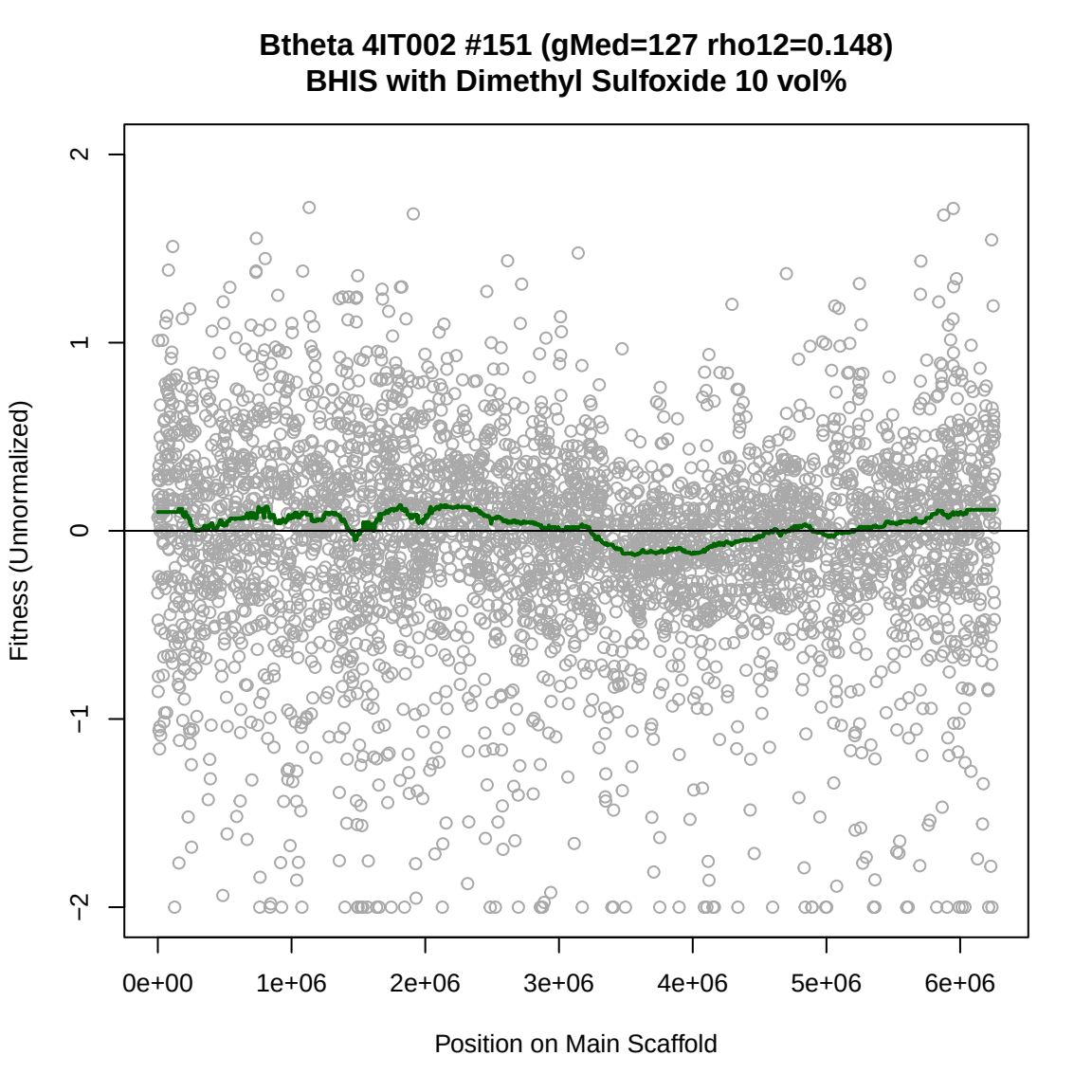

Btheta 3IT093 #146 (gMed=2 rho12=0.029)
BHIS with Benzethonium chloride 0.004 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

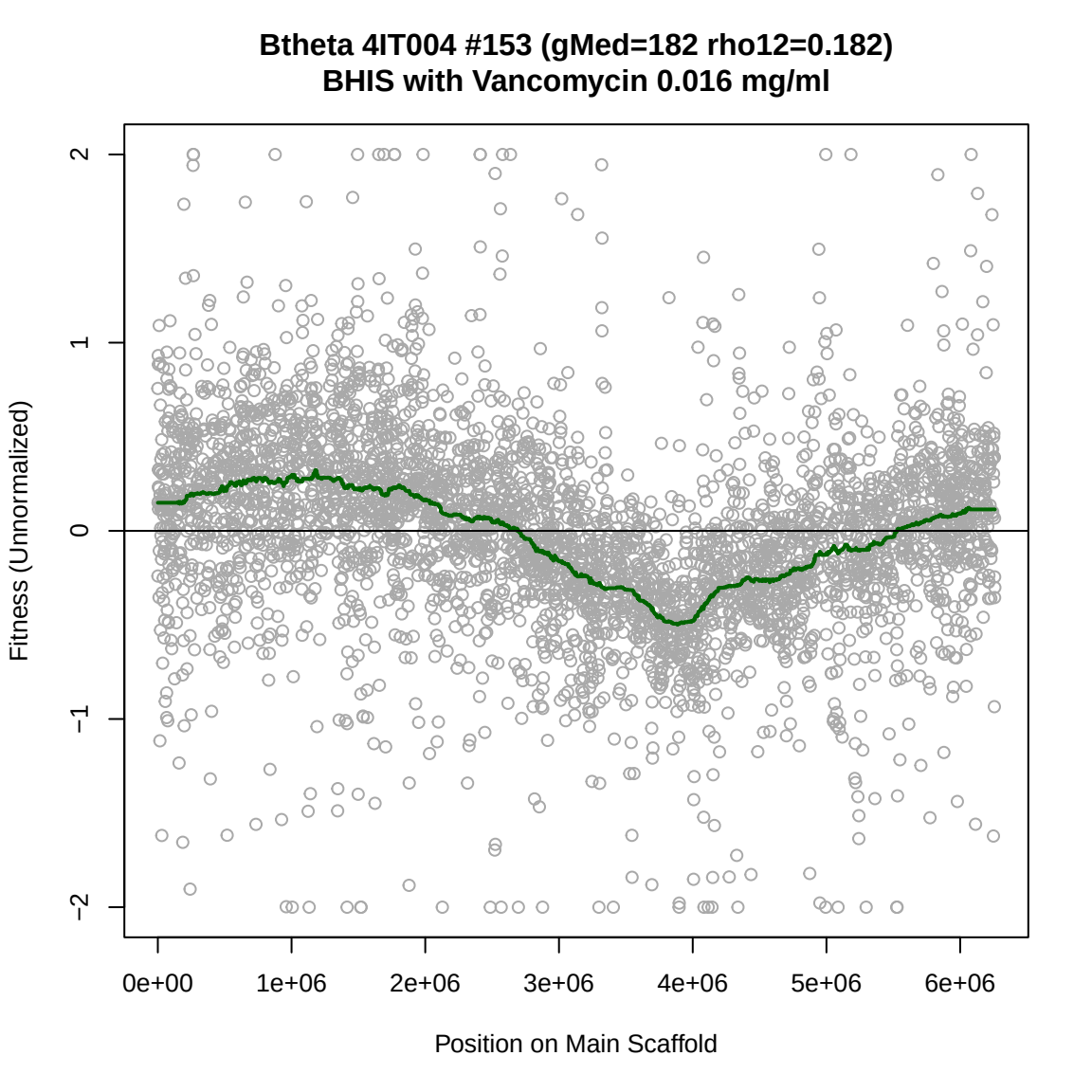

Btheta 3IT094 #147 (gMed=113 rho12=0.136)
BHIS with Fusidic 0.002 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

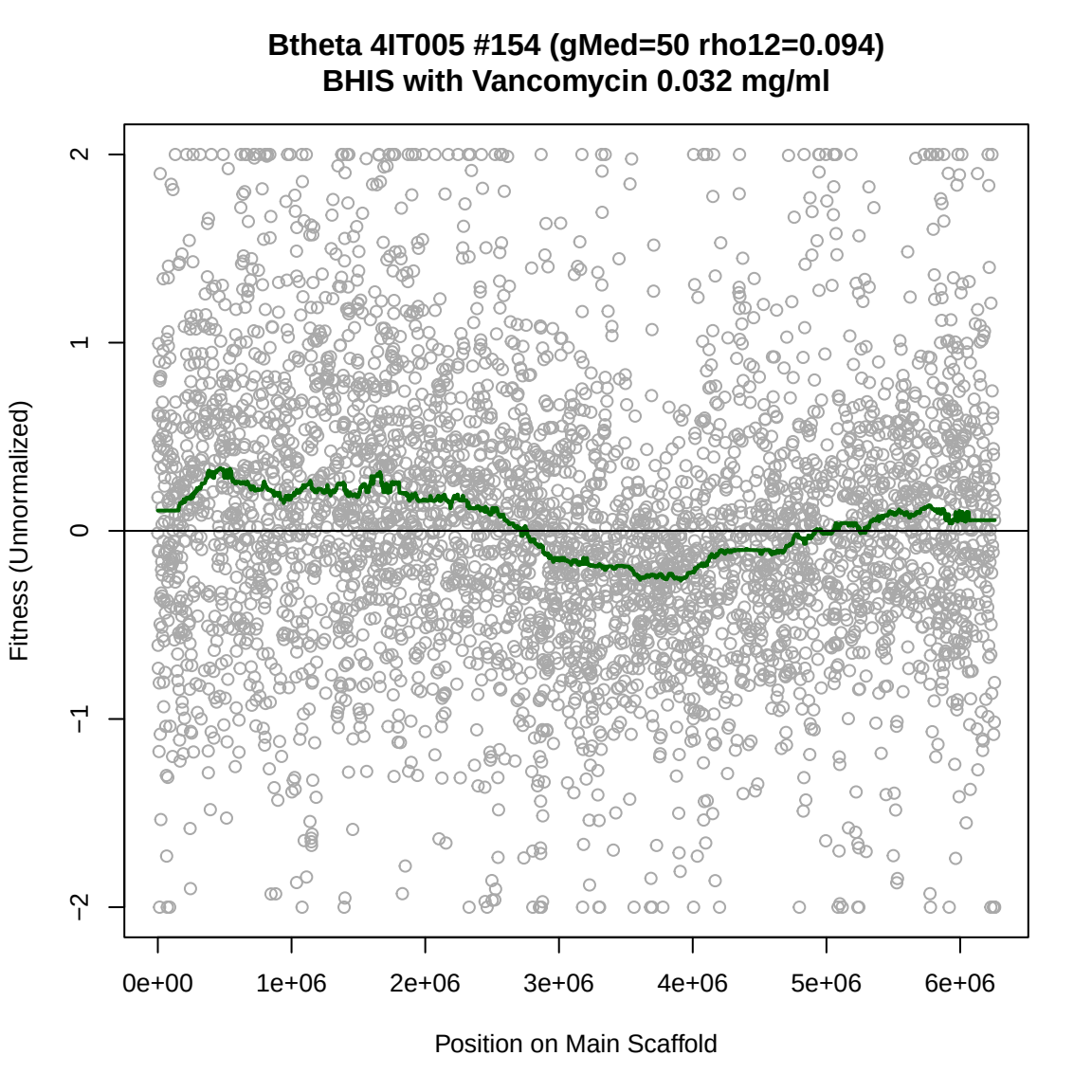

Btheta 3IT095 #148 (gMed=137 rho12=0.203)
BHIS with Fusidic 0.004 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

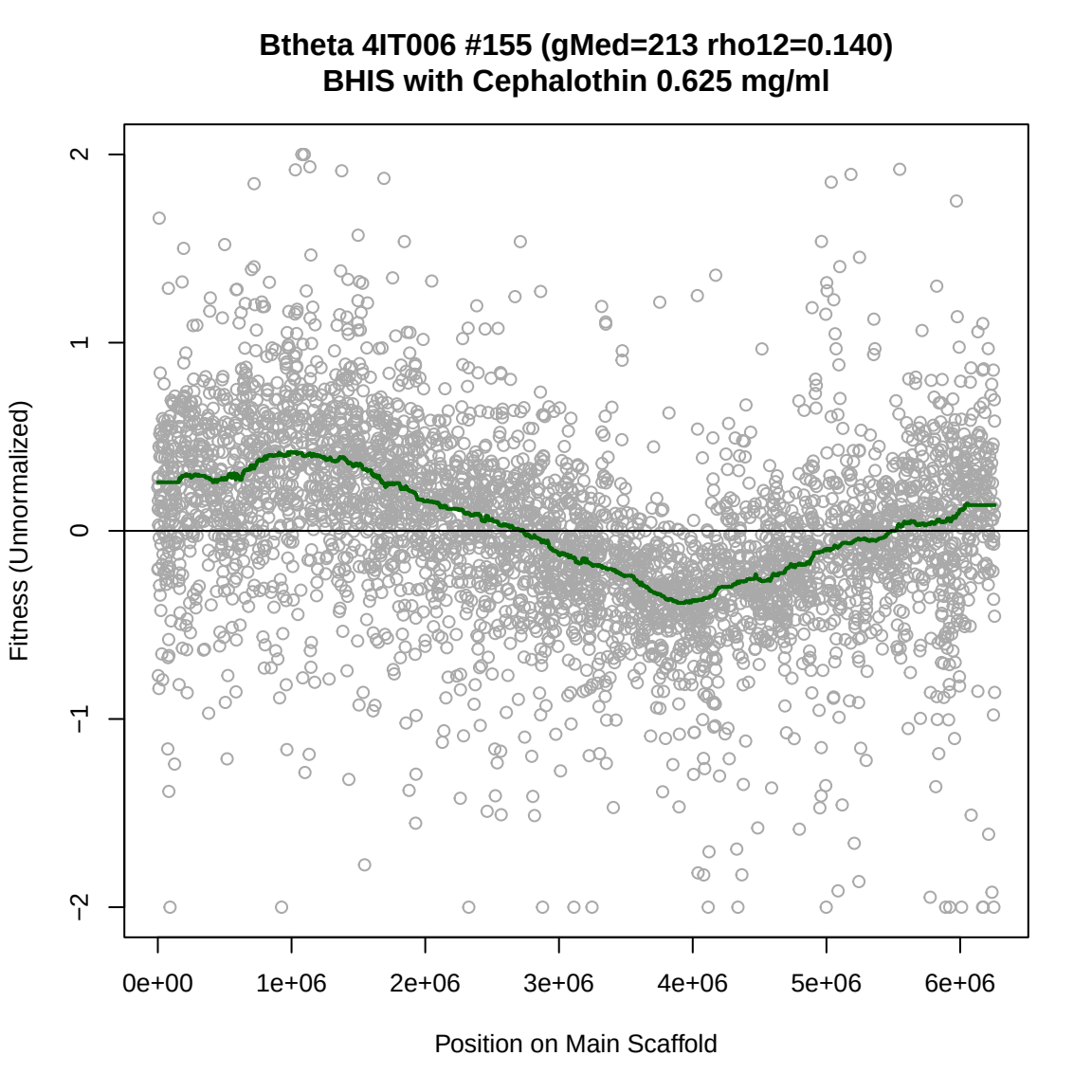

Btheta 3IT096 #149 (gMed=84 rho12=0.067)
BHIS with Dimethyl Sulfoxide 7 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

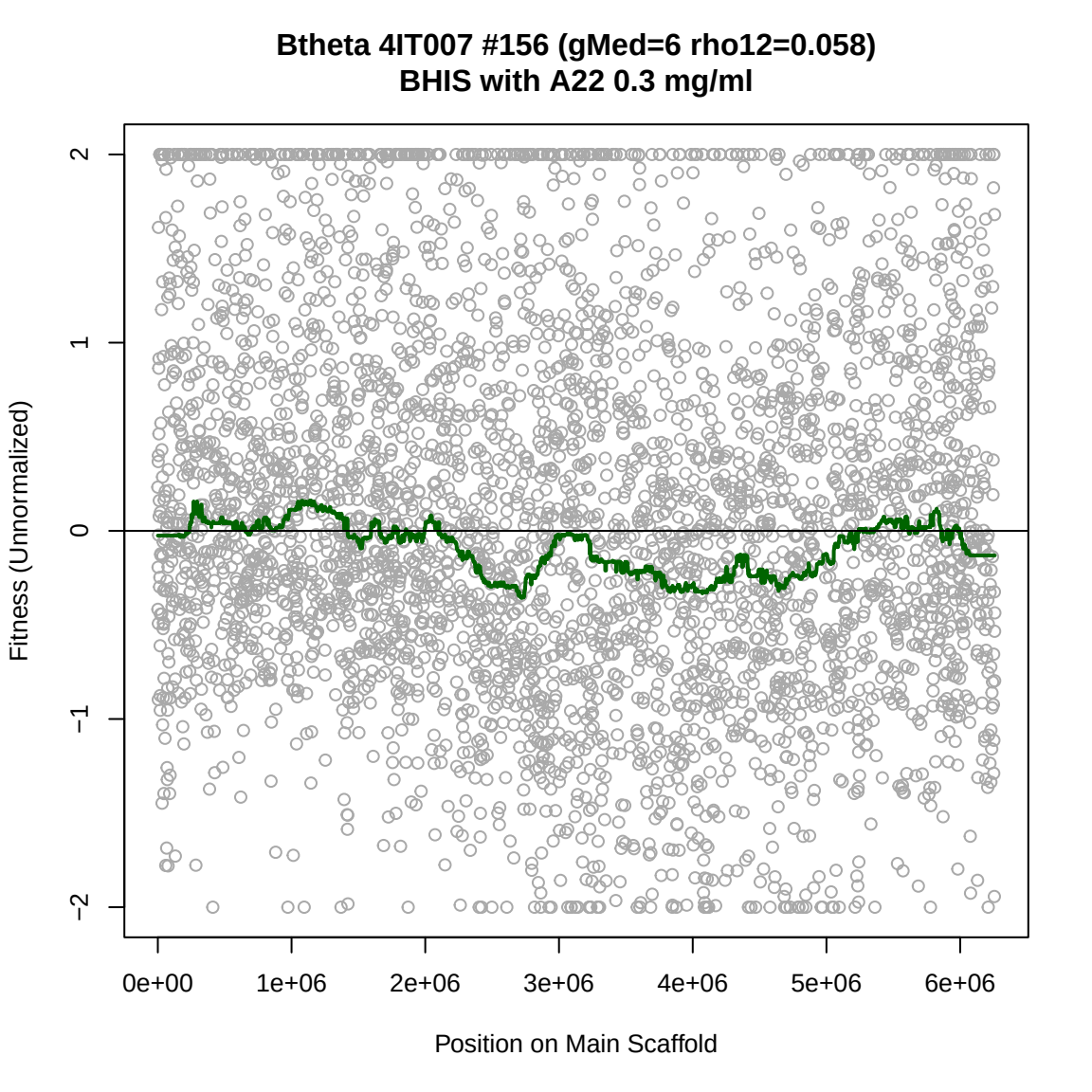

Btheta 4IT001 #150 (gMed=112 rho12=0.119)
BHIS with Dimethyl Sulfoxide 9 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

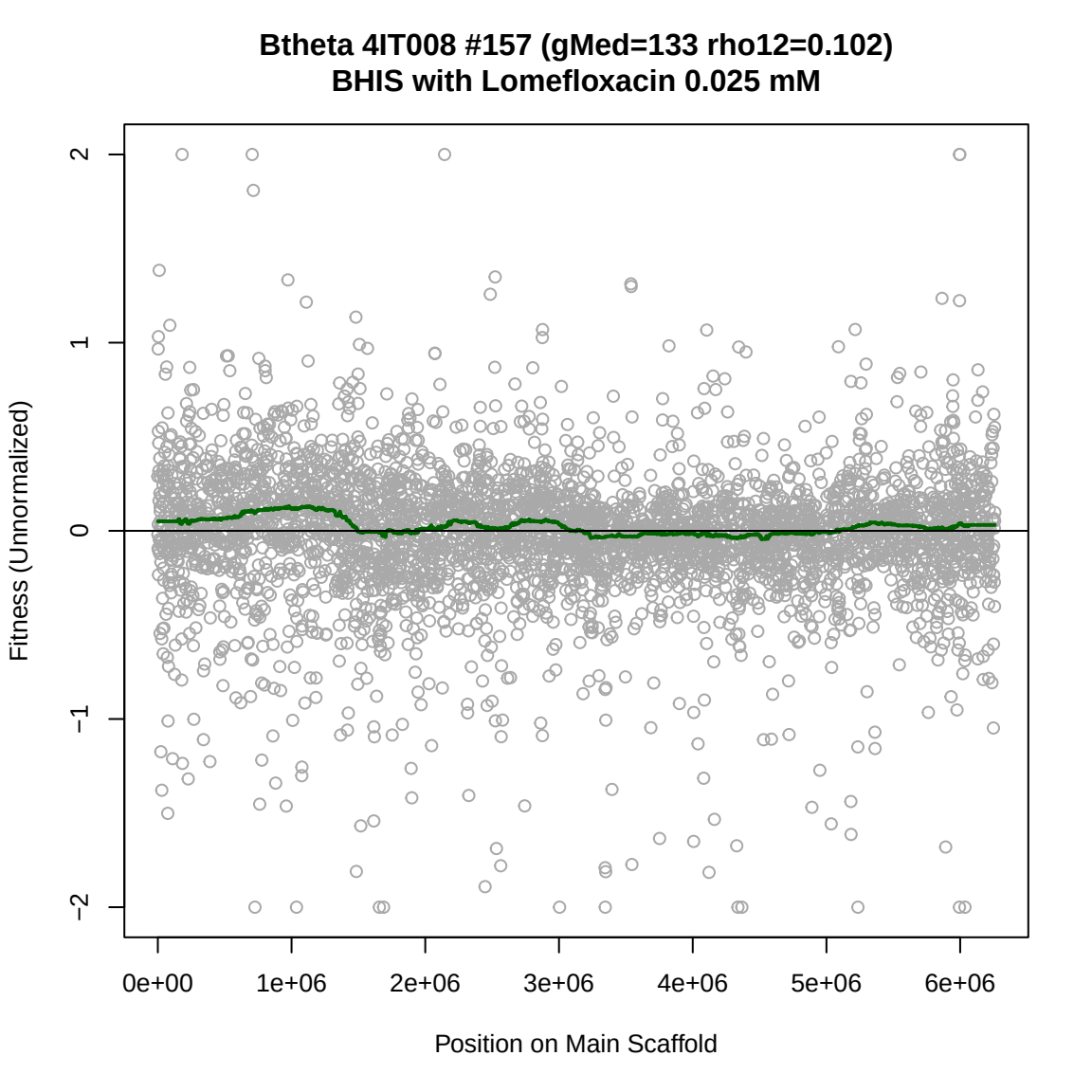

Btheta 4IT002 #151 (gMed=127 rho12=0.148)
BHIS with Dimethyl Sulfoxide 10 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

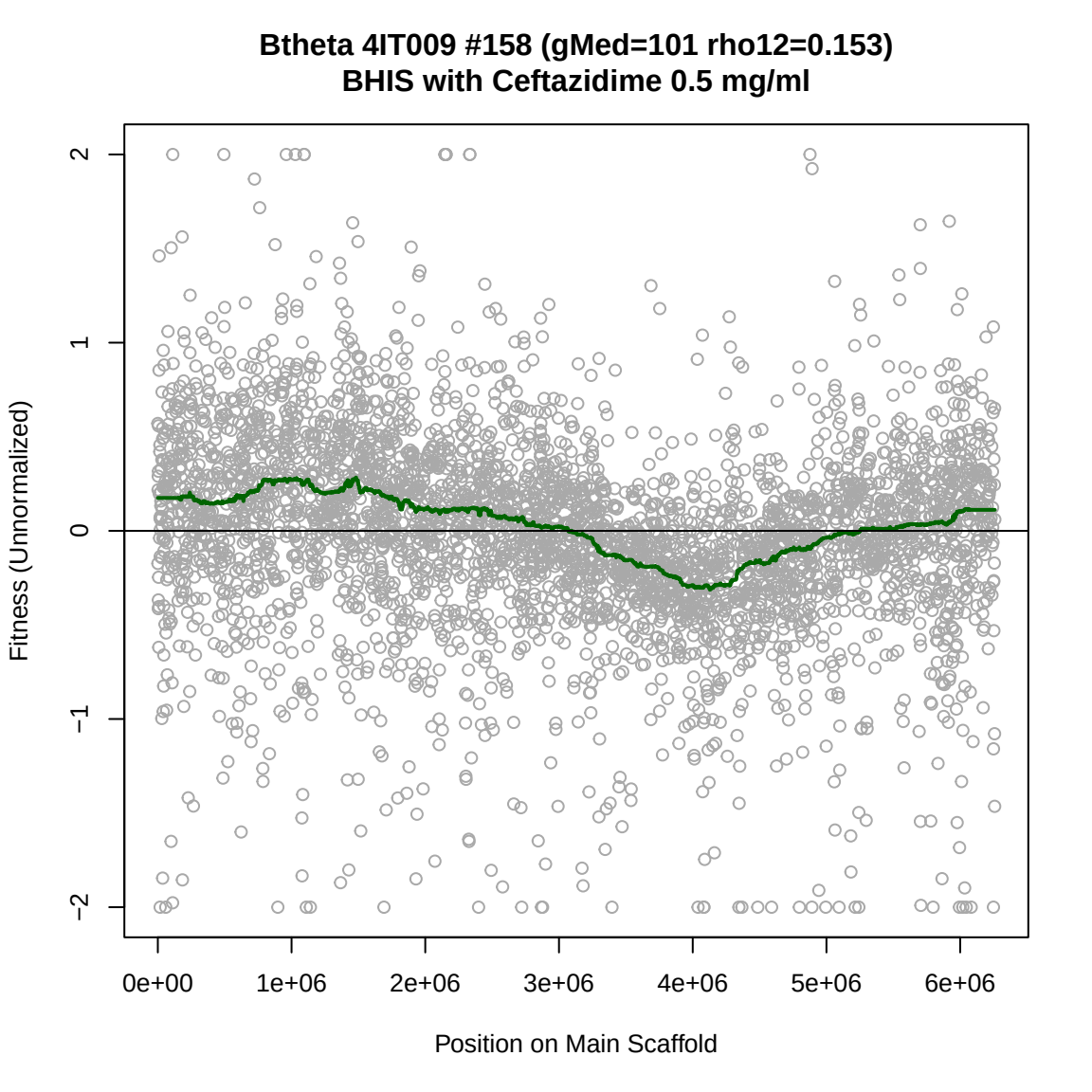

Btheta 4IT004 #153 (gMed=182 rho12=0.182)
BHIS with Vancomycin 0.016 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

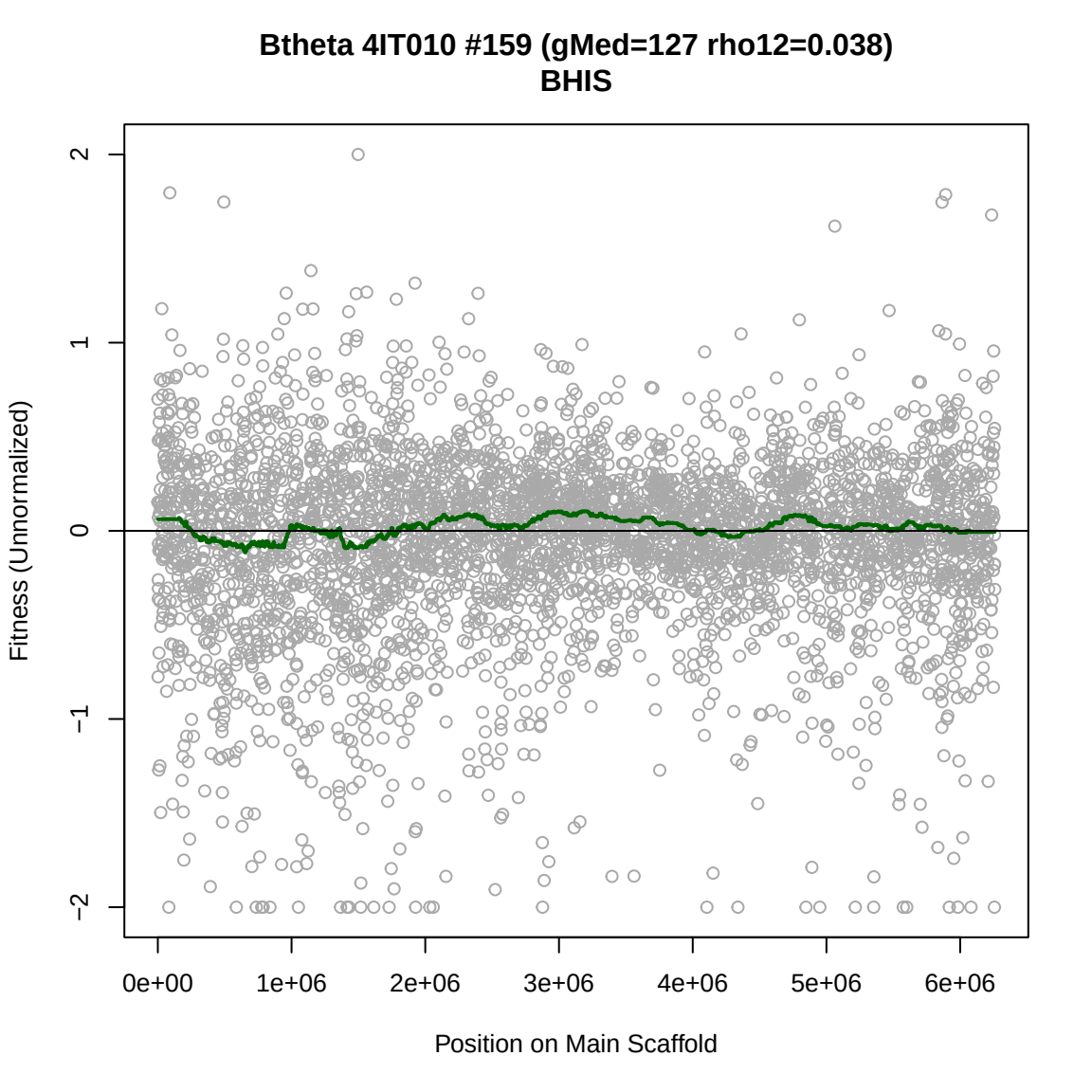

Btheta 4IT005 #154 (gMed=50 rho12=0.094)
BHIS with Vancomycin 0.032 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

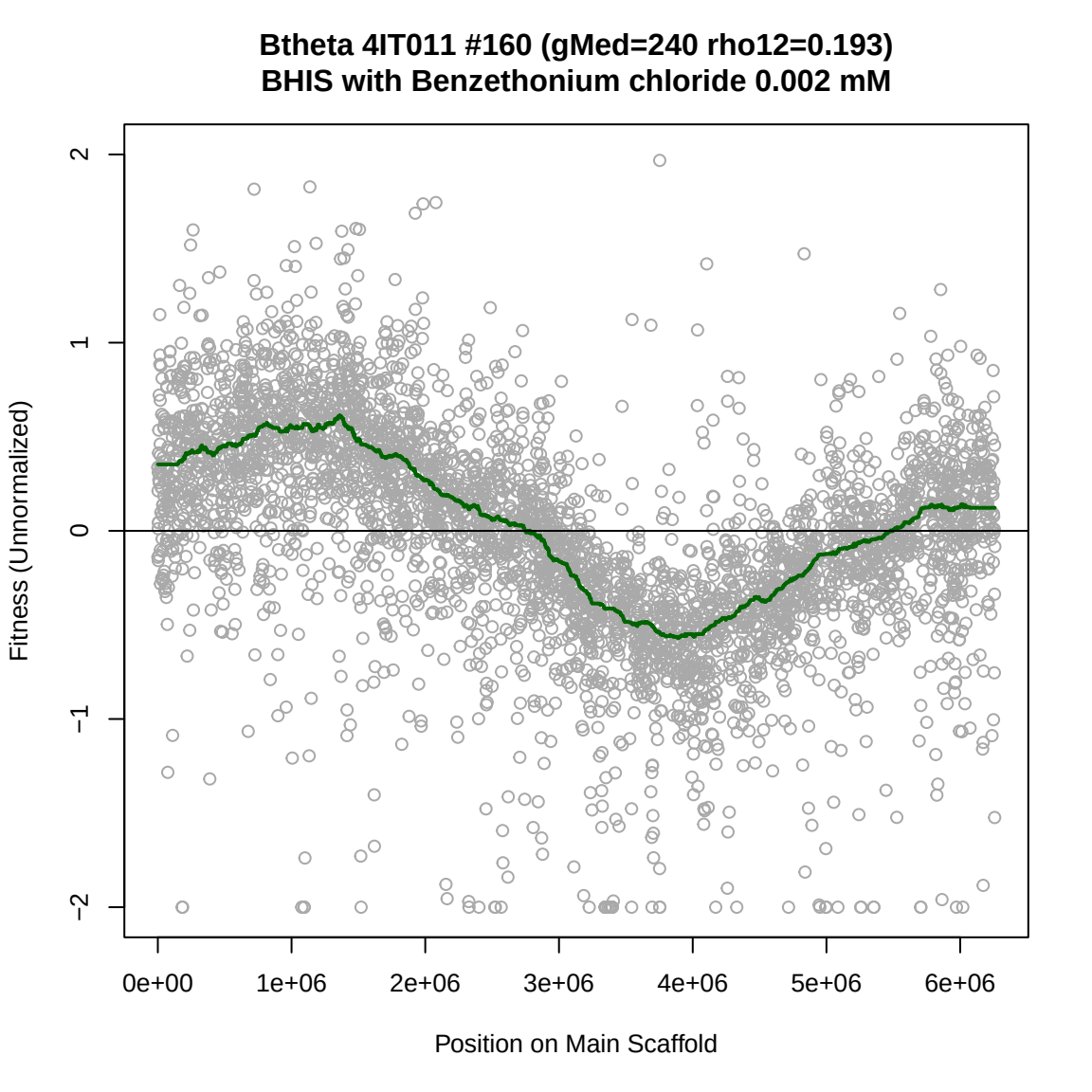

Btheta 4IT006 #155 (gMed=213 rho12=0.140)
BHIS with Cephalothin 0.625 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

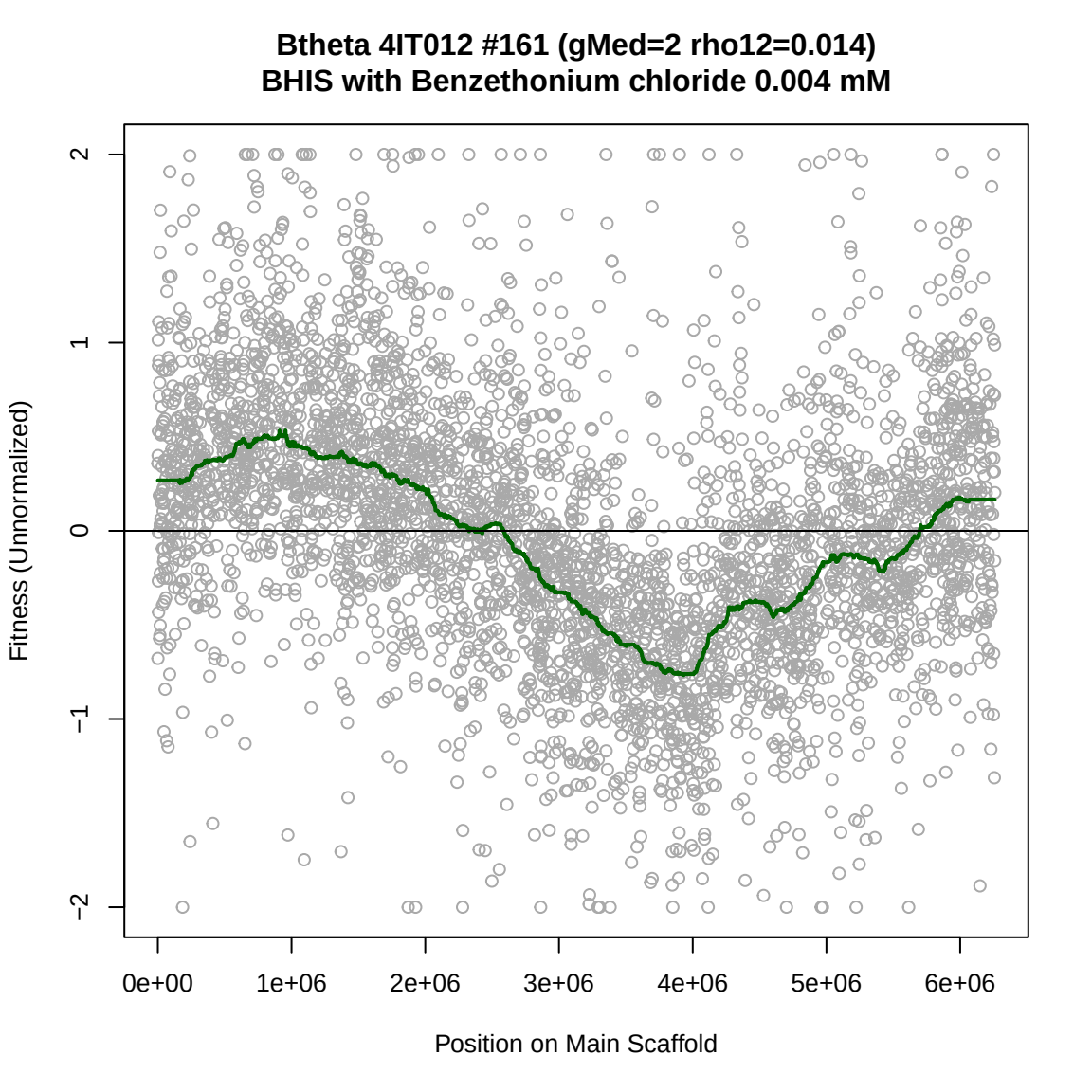

Btheta 4IT007 #156 (gMed=6 rho12=0.058)
BHIS with A22 0.3 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

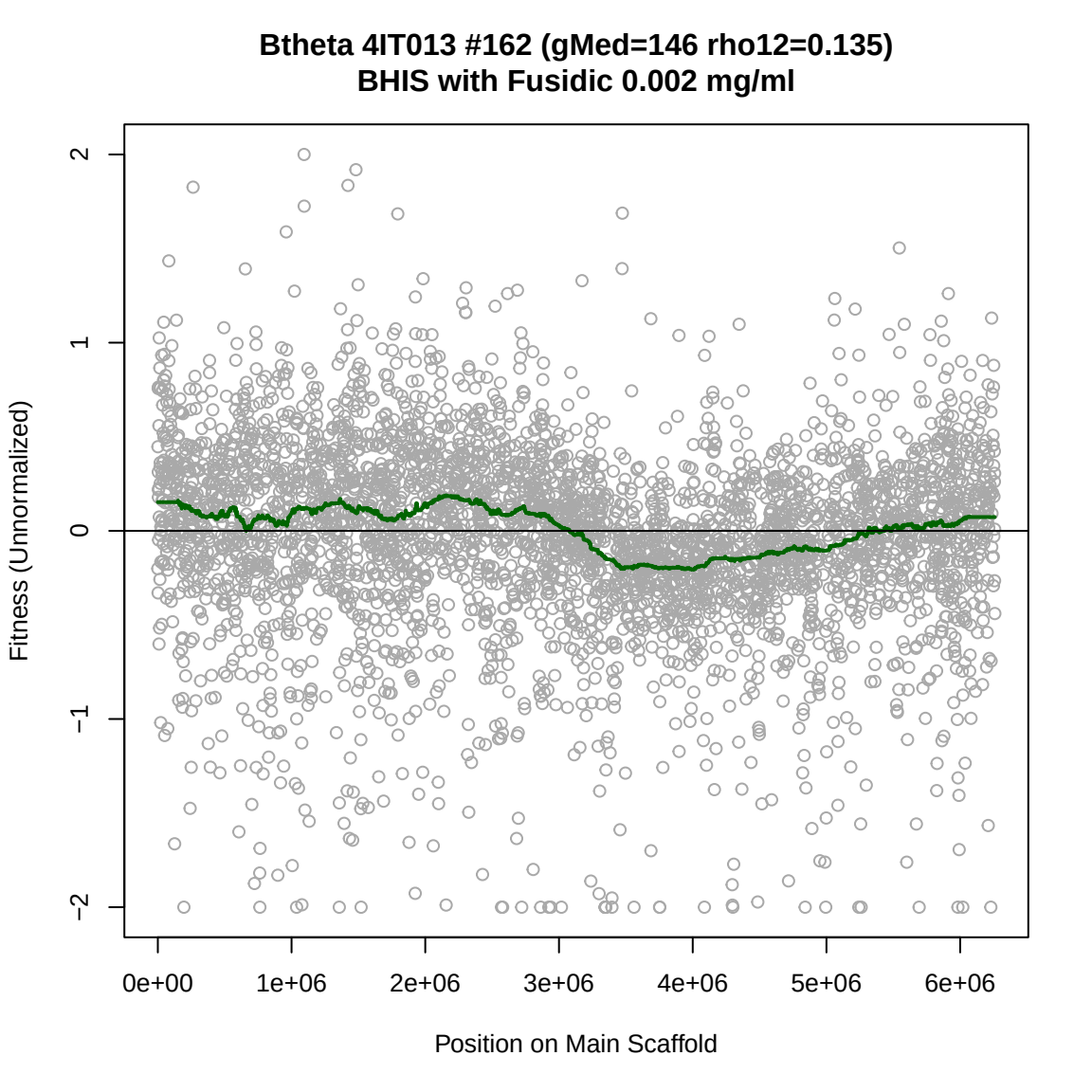

Btheta 4IT008 #157 (gMed=133 rho12=0.102)
BHIS with Lomefloxacin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

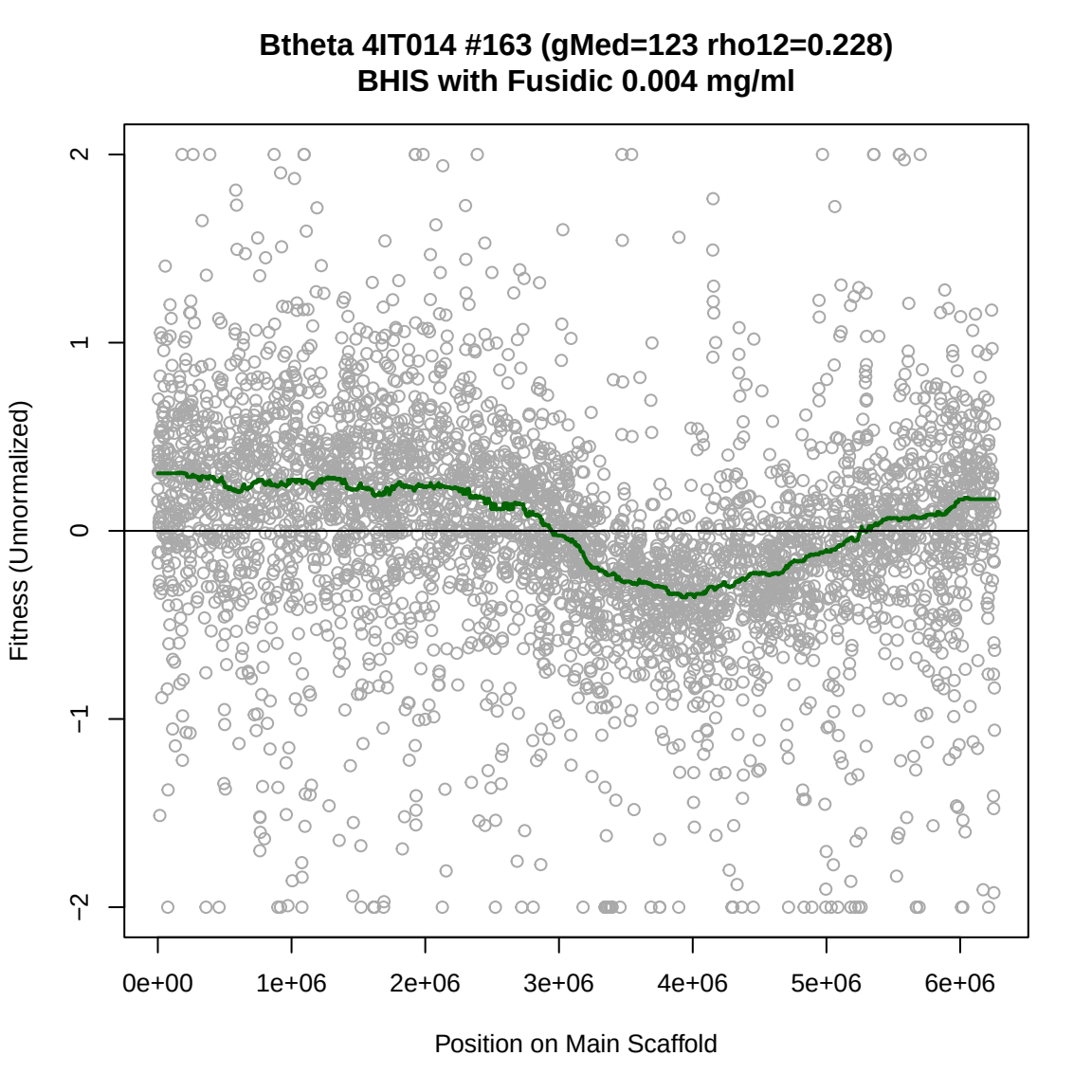

Btheta 4IT009 #158 (gMed=101 rho12=0.153)
BHIS with Ceftazidime 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

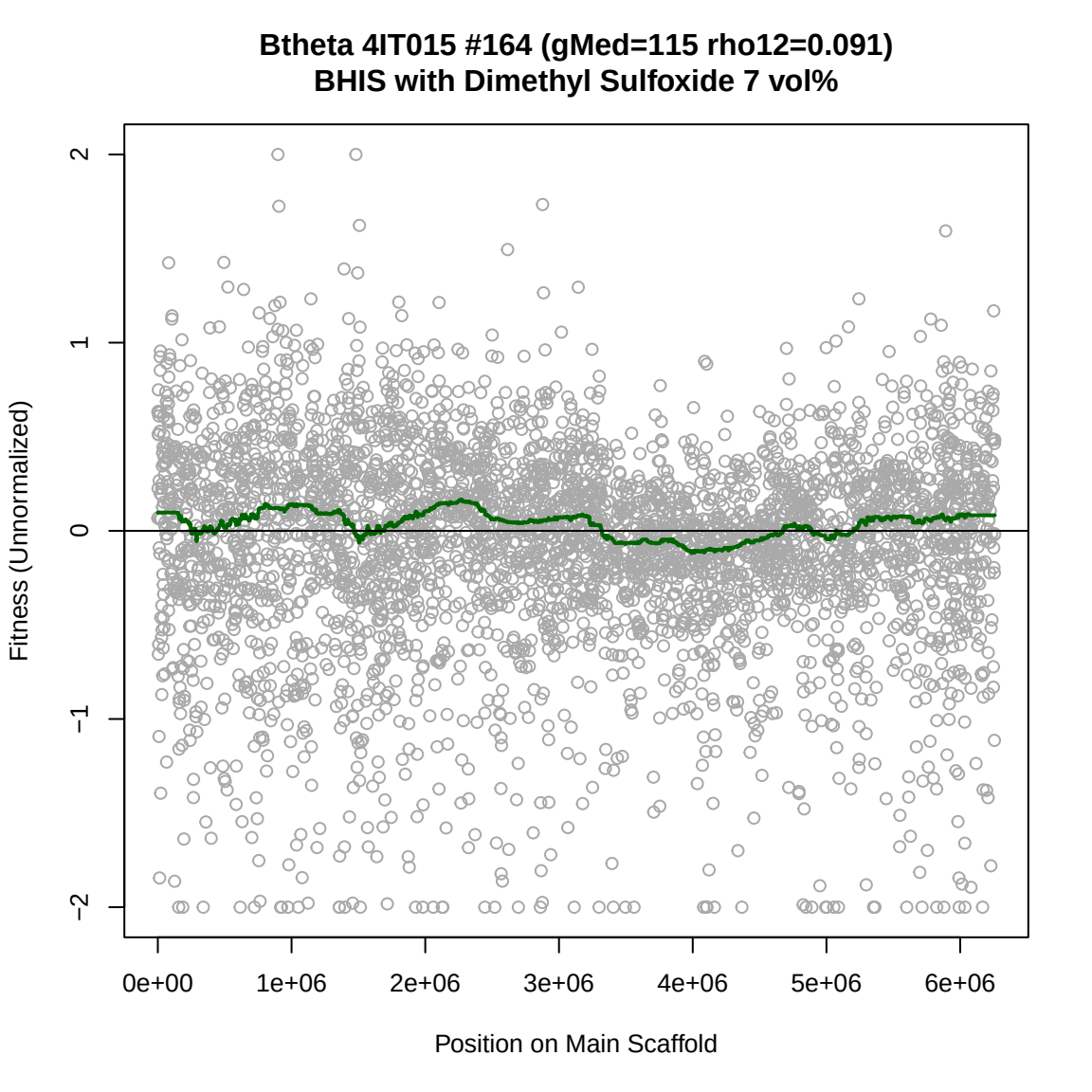

Btheta 4IT010 #159 (gMed=127 rho12=0.038)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

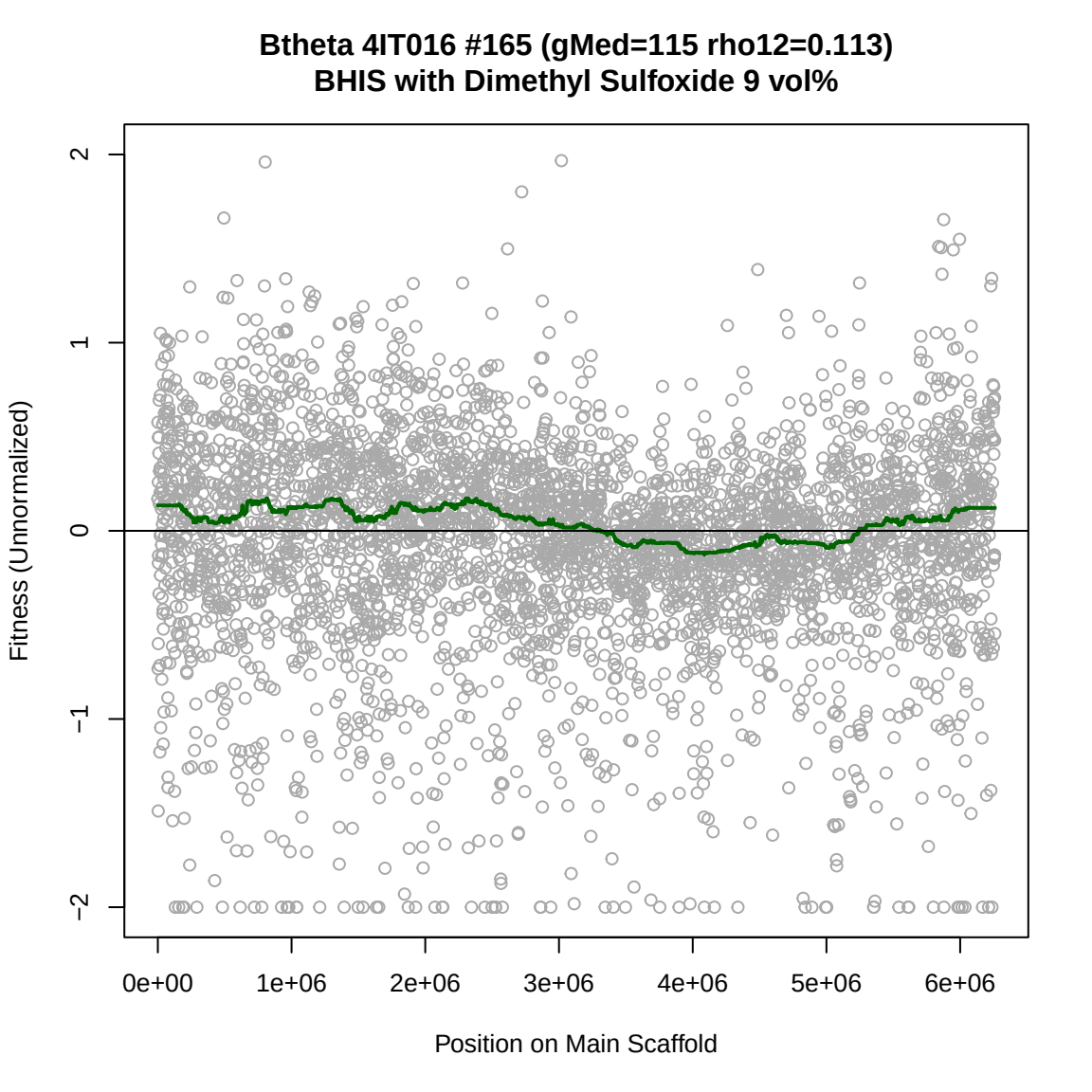

Btheta 4IT011 #160 (gMed=240 rho12=0.193)
BHIS with Benzethonium chloride 0.002 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

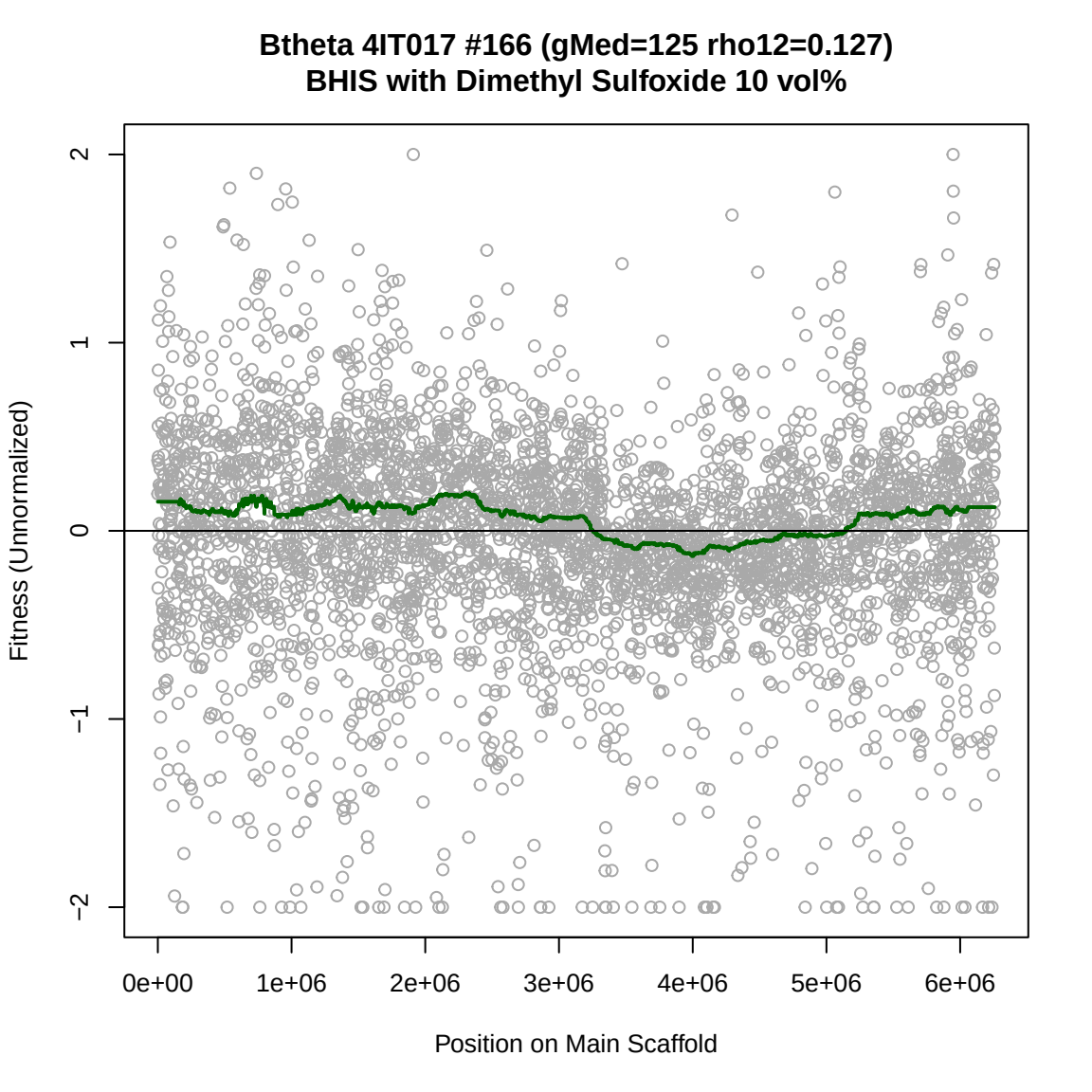

Btheta 4IT012 #161 (gMed=2 rho12=0.014)
BHIS with Benzethonium chloride 0.004 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

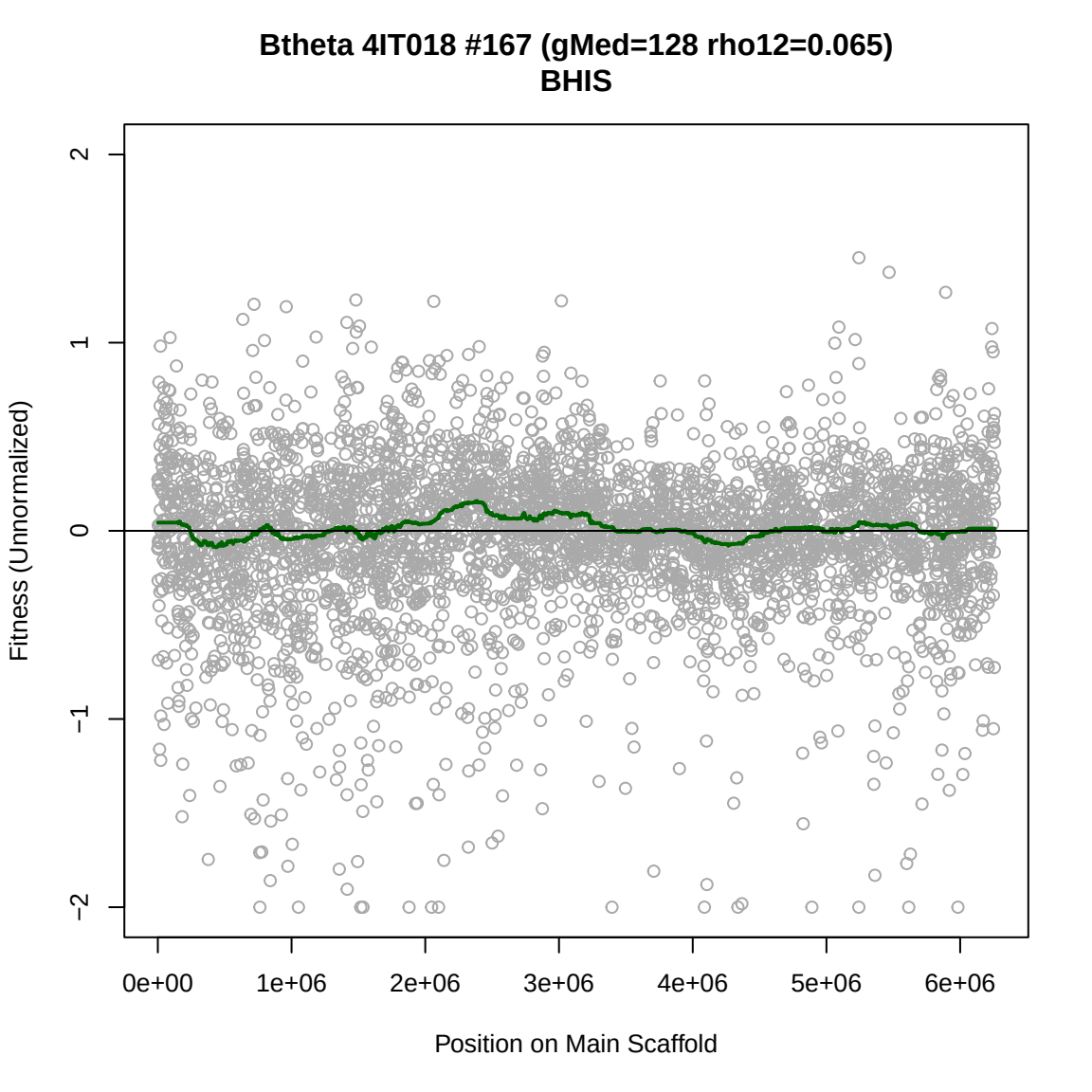

Btheta 4IT013 #162 (gMed=146 rho12=0.135)
BHIS with Fusidic 0.002 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

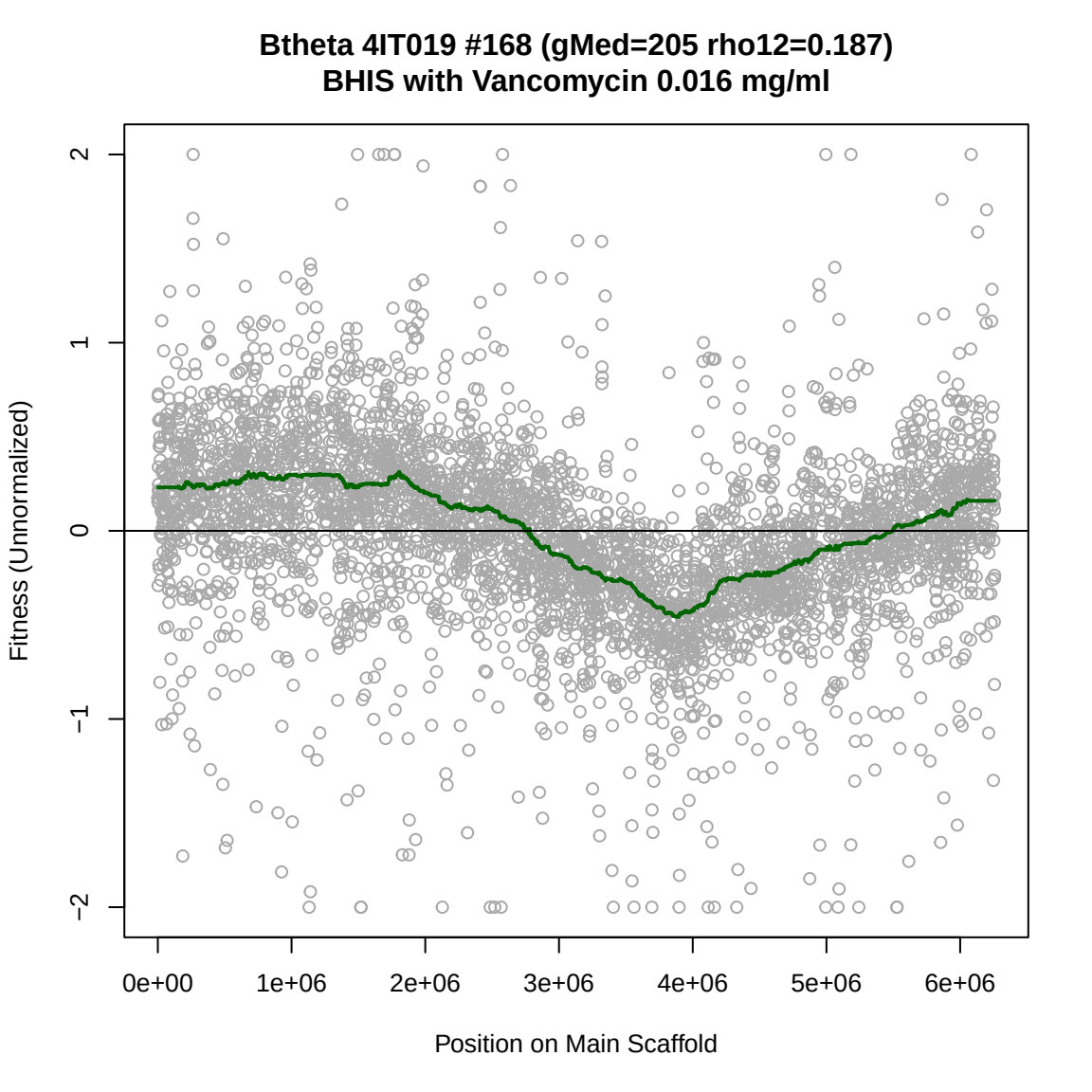

Btheta 4IT014 #163 (gMed=123 rho12=0.228)
BHIS with Fusidic 0.004 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

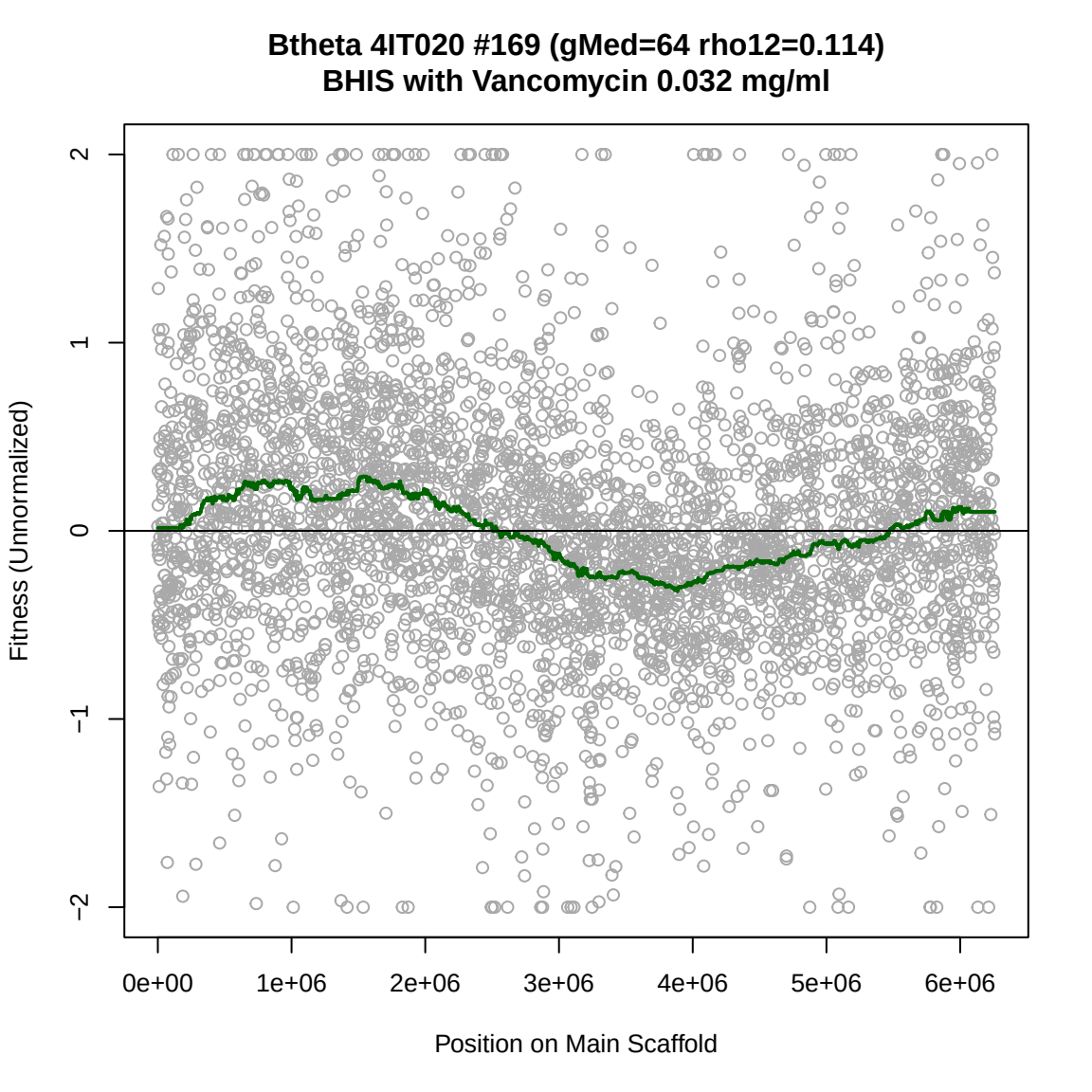

Btheta 4IT015 #164 (gMed=115 rho12=0.091)
BHIS with Dimethyl Sulfoxide 7 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

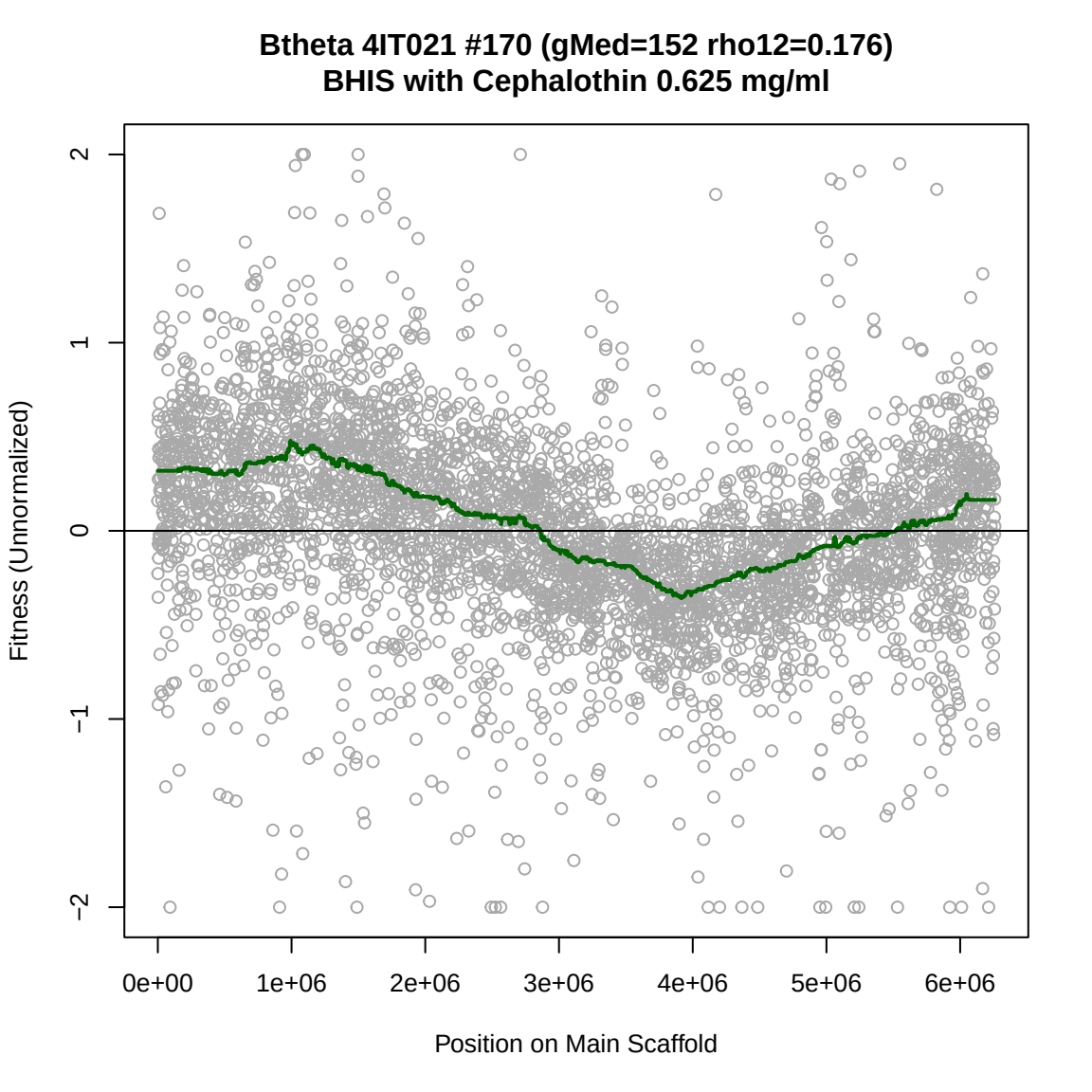

Btheta 4IT016 #165 (gMed=115 rho12=0.113)
BHIS with Dimethyl Sulfoxide 9 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

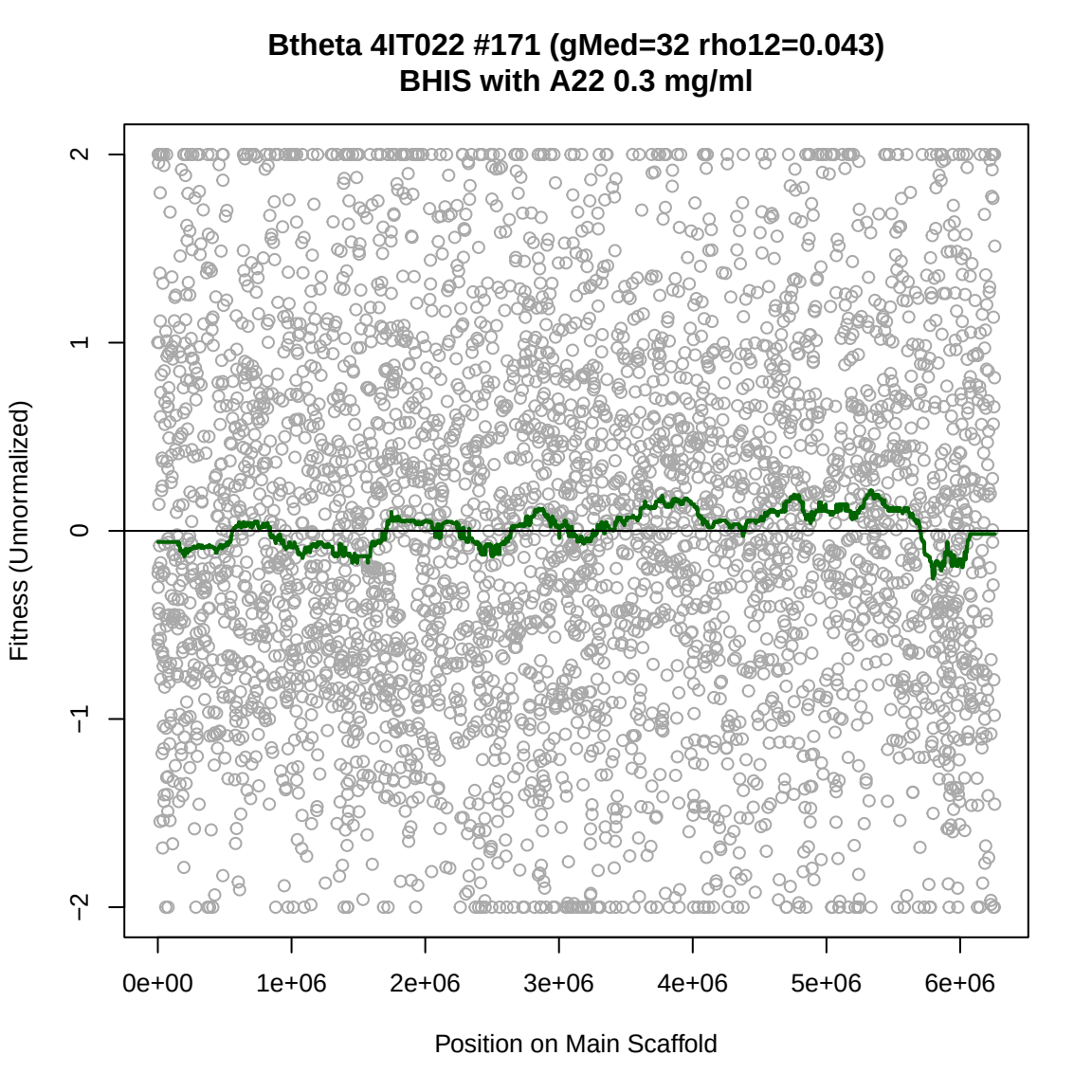

Btheta 4IT017 #166 (gMed=125 rho12=0.127)
BHIS with Dimethyl Sulfoxide 10 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

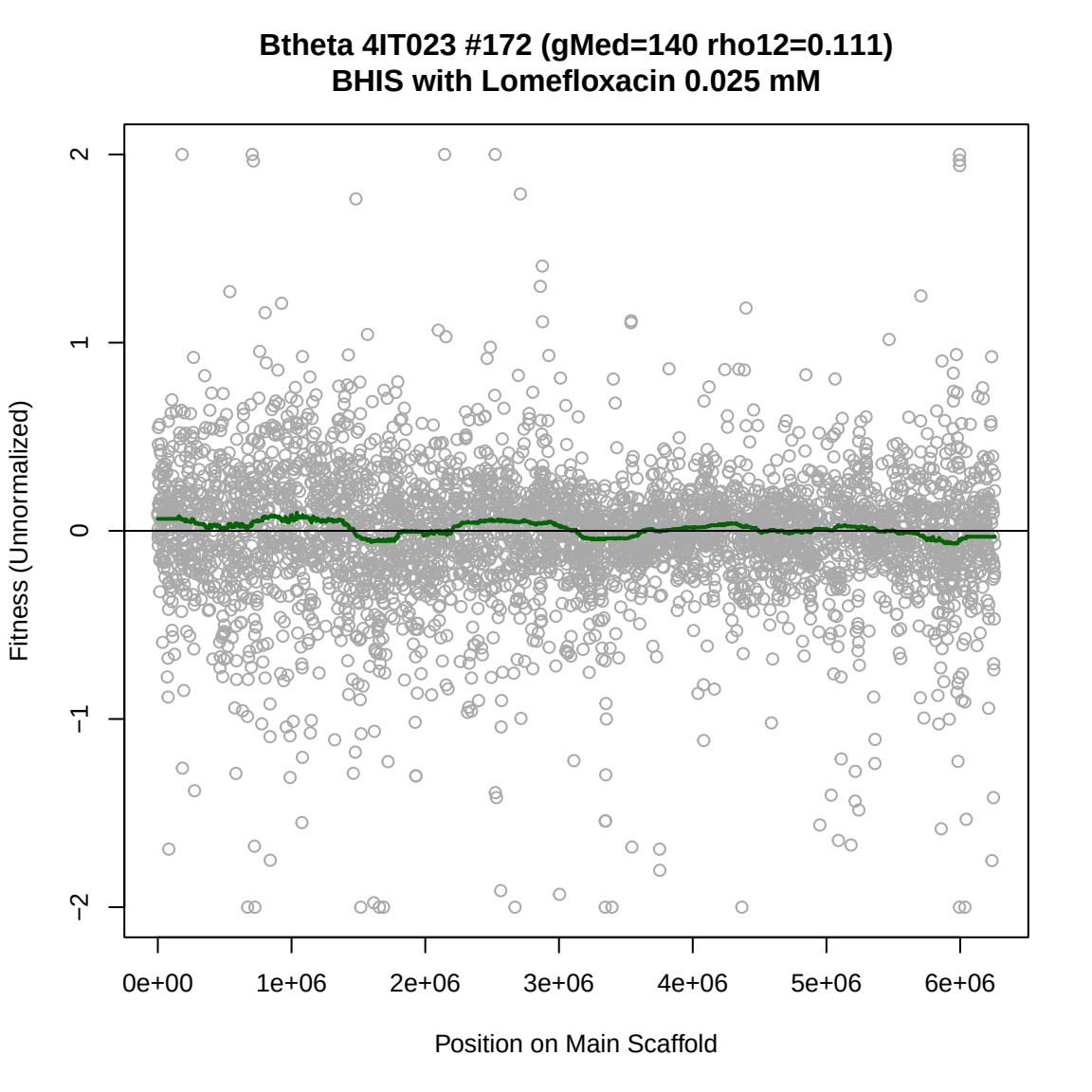

Btheta 4IT018 #167 (gMed=128 rho12=0.065)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

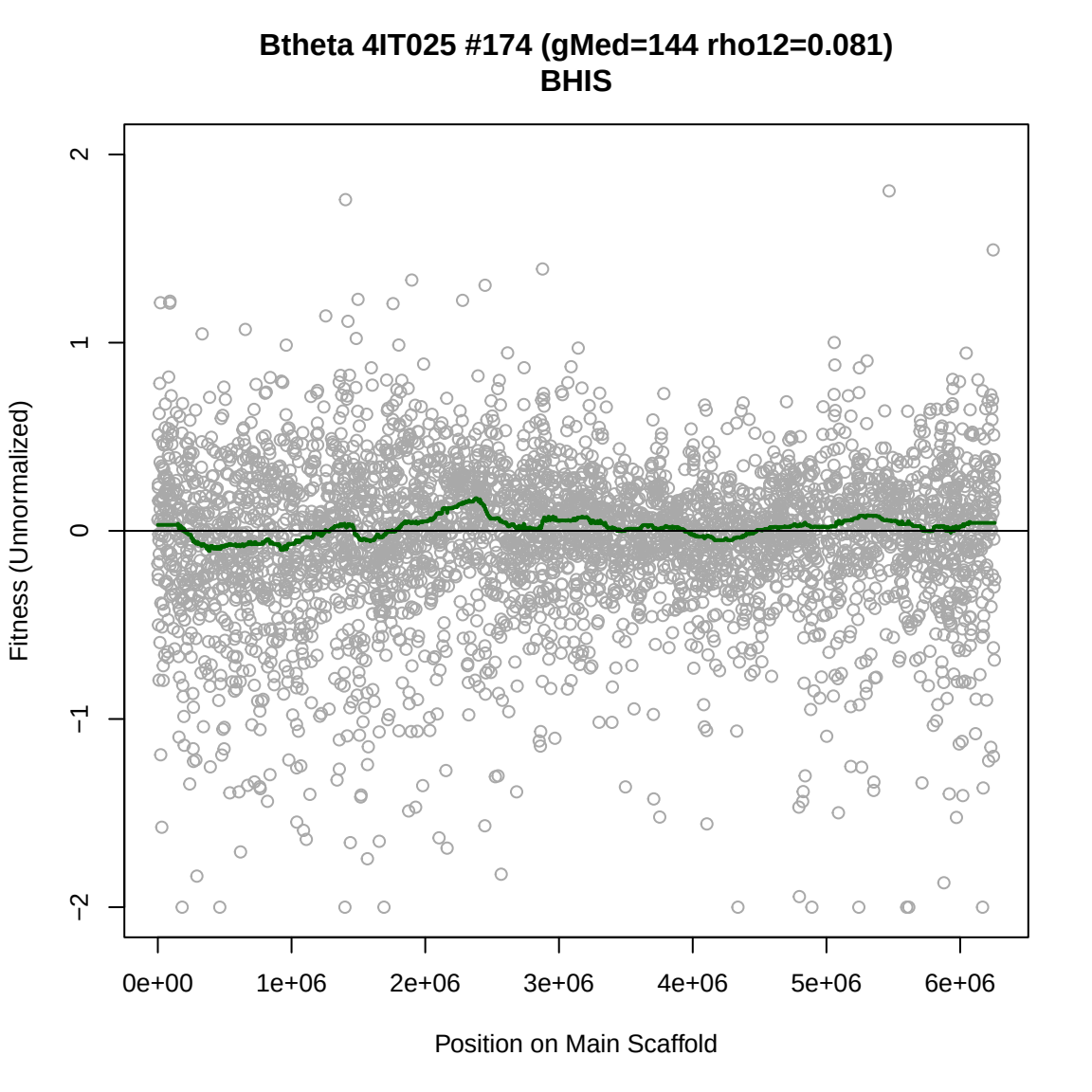

Btheta 4IT019 #168 (gMed=205 rho12=0.187)
BHIS with Vancomycin 0.016 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

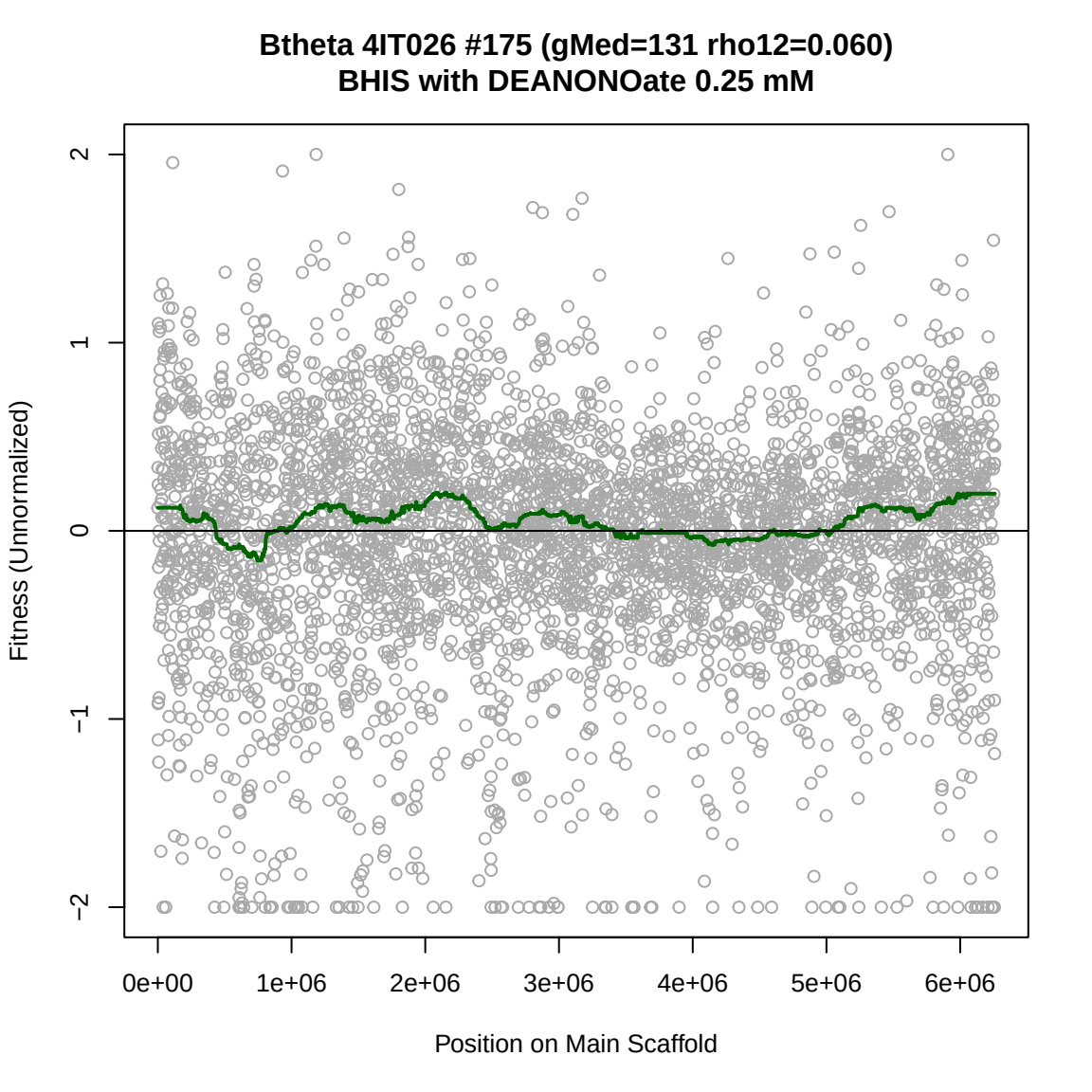

Btheta 4IT020 #169 (gMed=64 rho12=0.114)
BHIS with Vancomycin 0.032 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

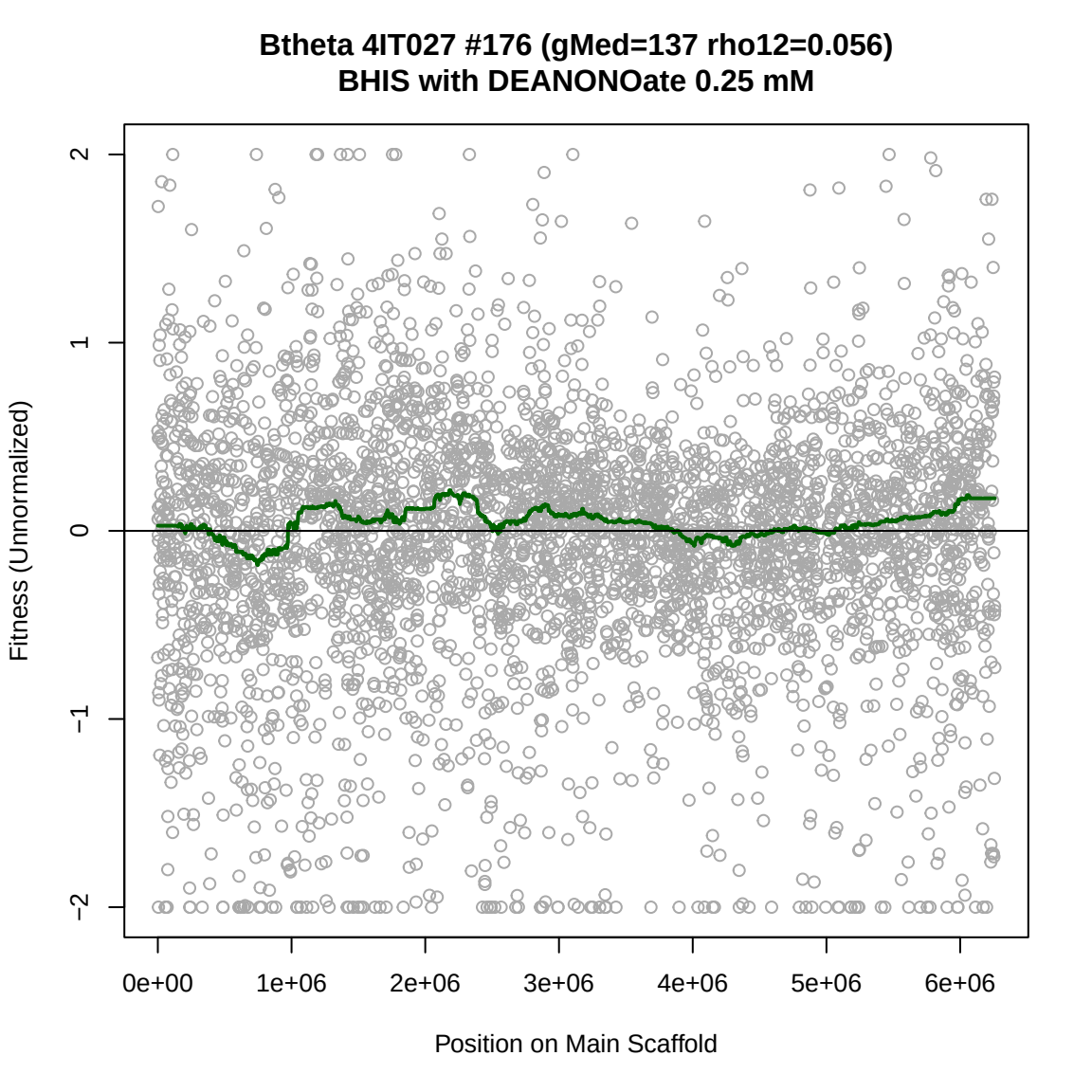

Btheta 4IT021 #170 (gMed=152 rho12=0.176)
BHIS with Cephalothin 0.625 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

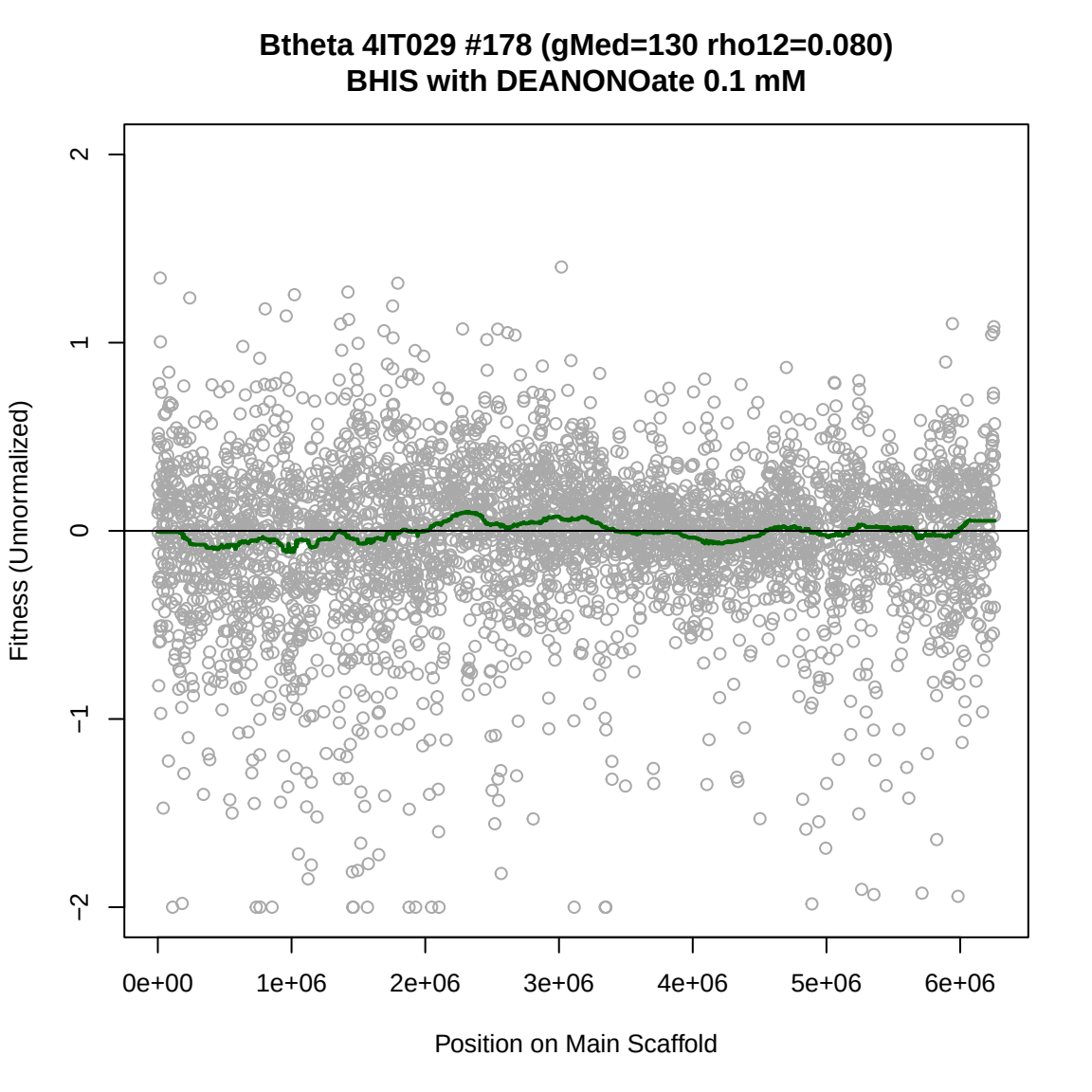

Btheta 4IT022 #171 (gMed=32 rho12=0.043)
BHIS with A22 0.3 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

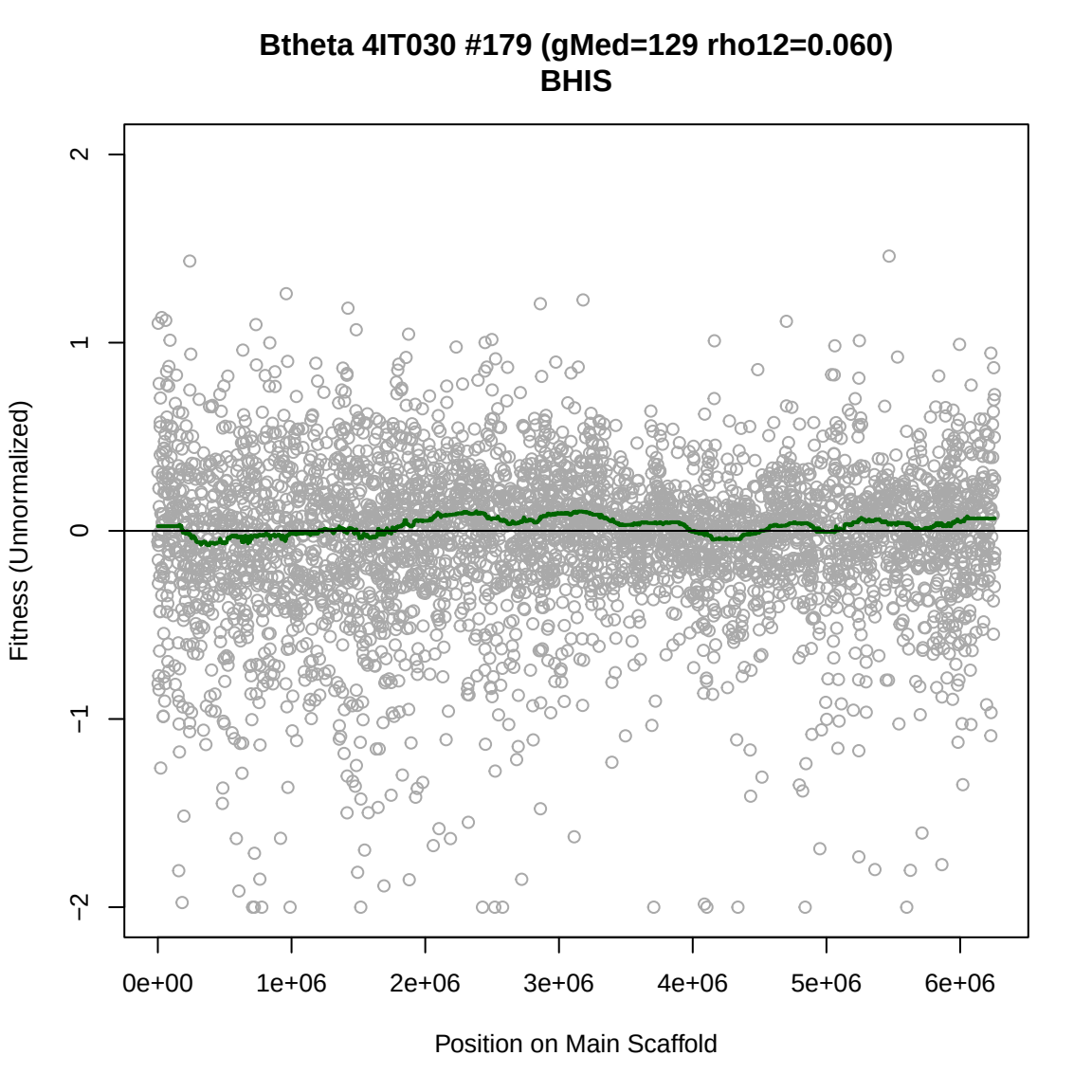

Btheta 4IT023 #172 (gMed=140 rho12=0.111)
BHIS with Lomefloxacin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

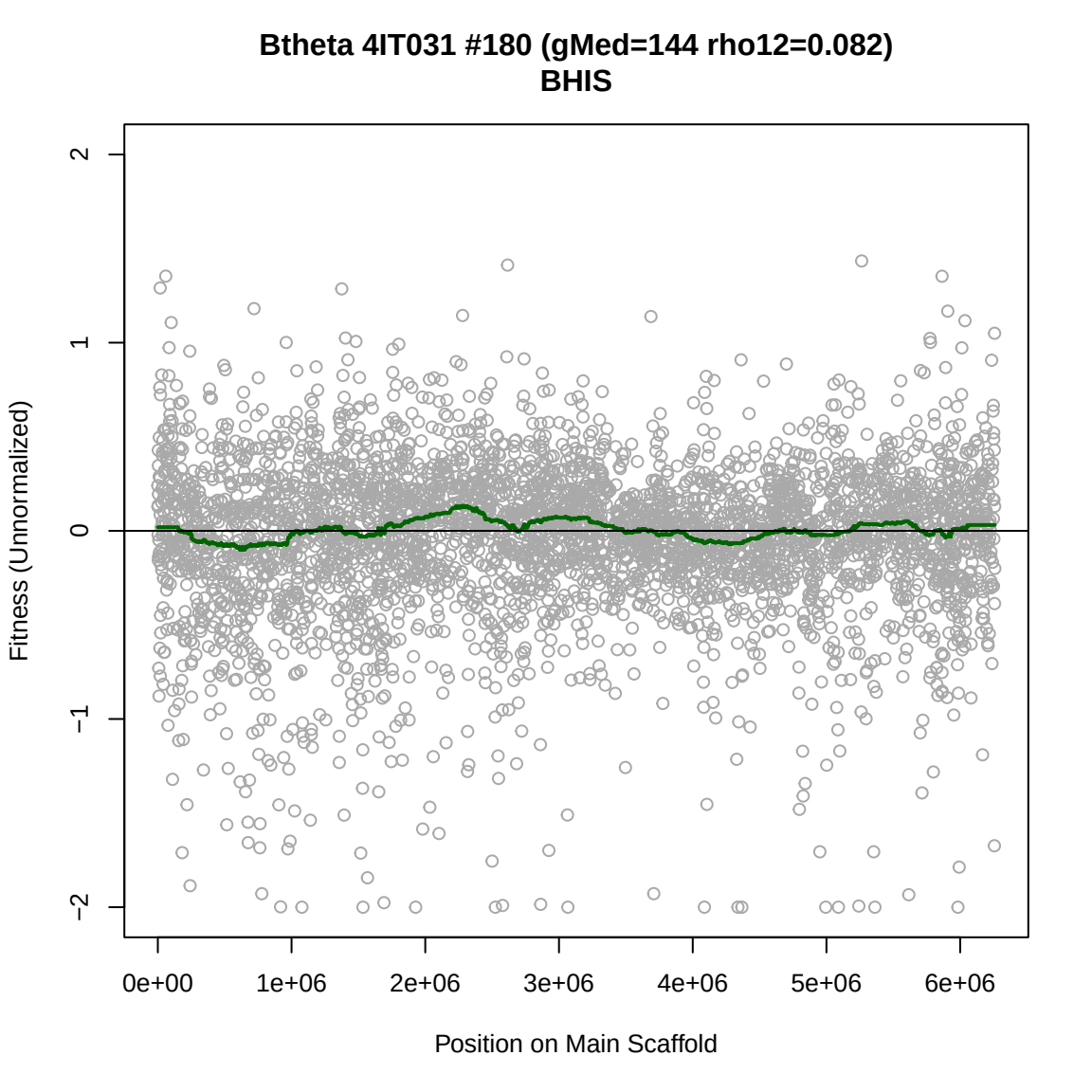

Btheta 4IT025 #174 (gMed=144 rho12=0.081)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

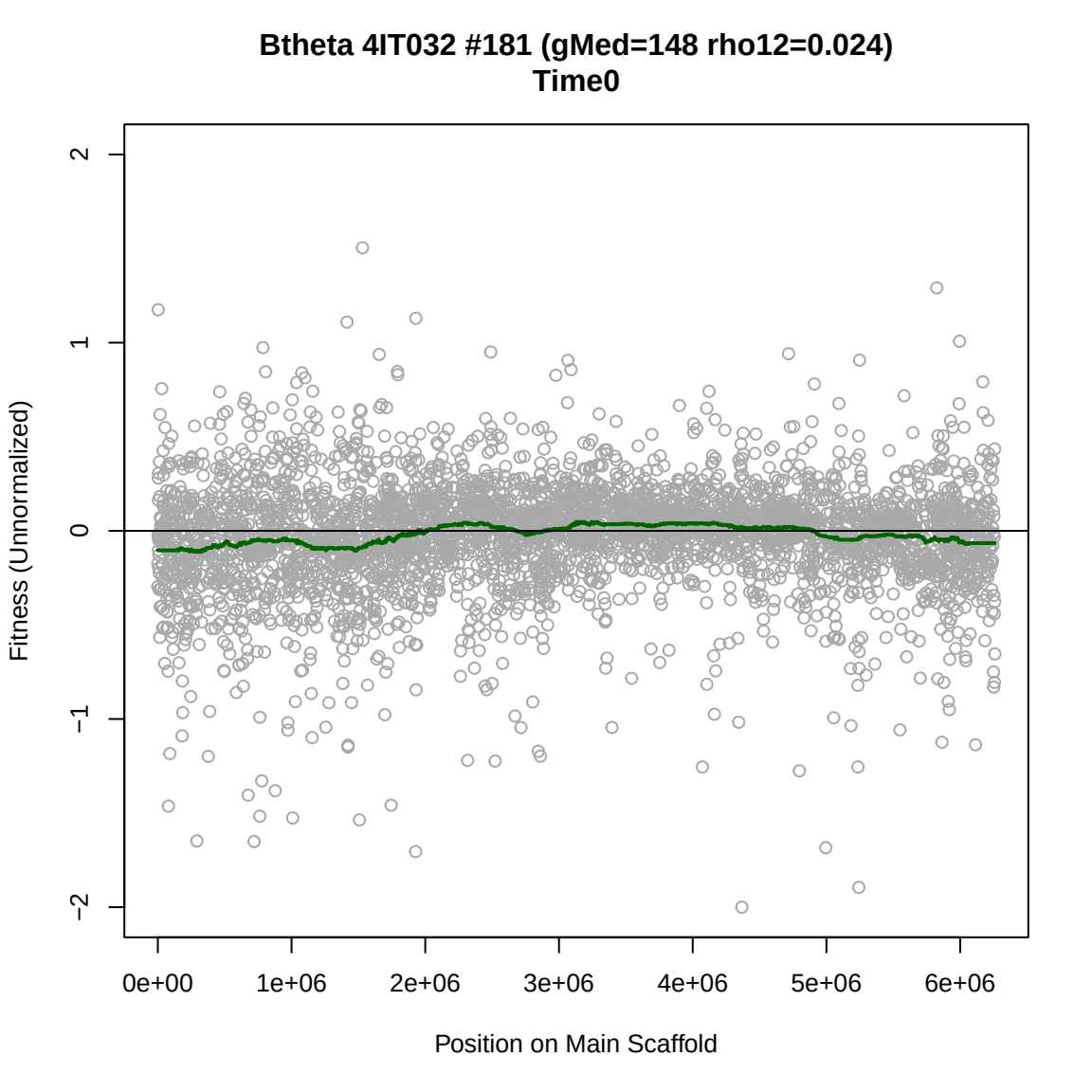

Btheta 4IT026 #175 (gMed=131 rho12=0.060)
BHIS with DEANONOate 0.25 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

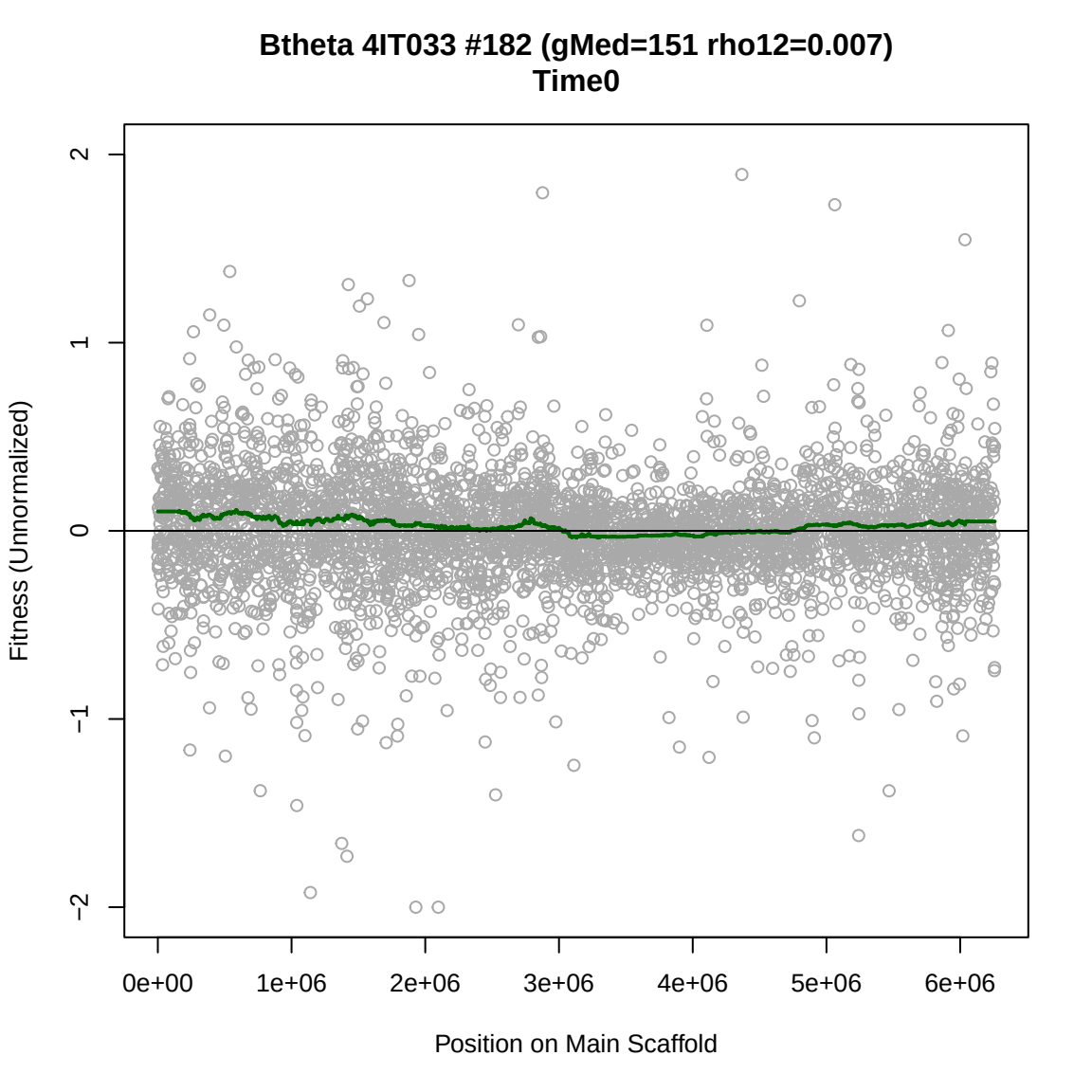

Btheta 4IT027 #176 (gMed=137 rho12=0.056)
BHIS with DEANONOate 0.25 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

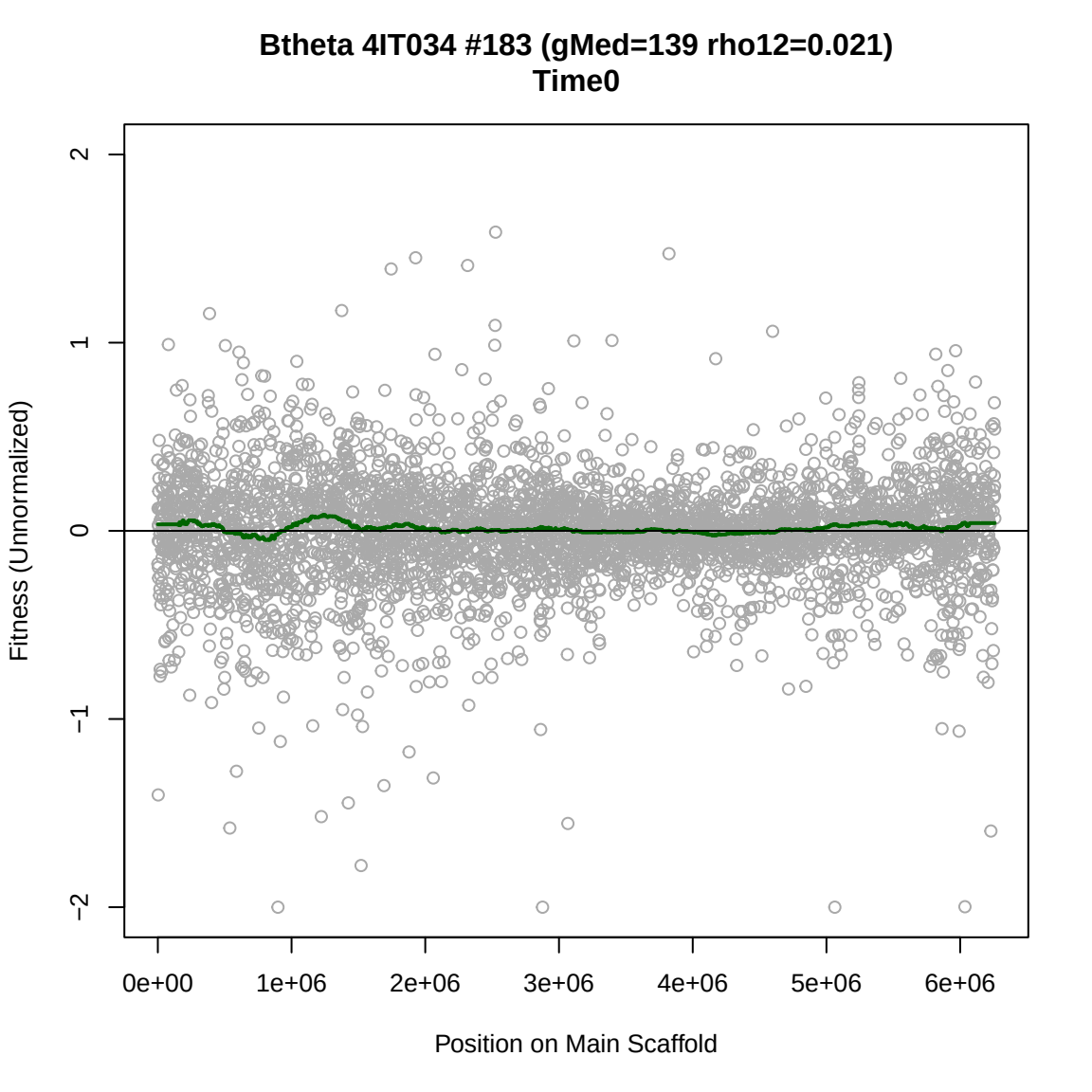

Btheta 4IT029 #178 (gMed=130 rho12=0.080)
BHIS with DEANONOate 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

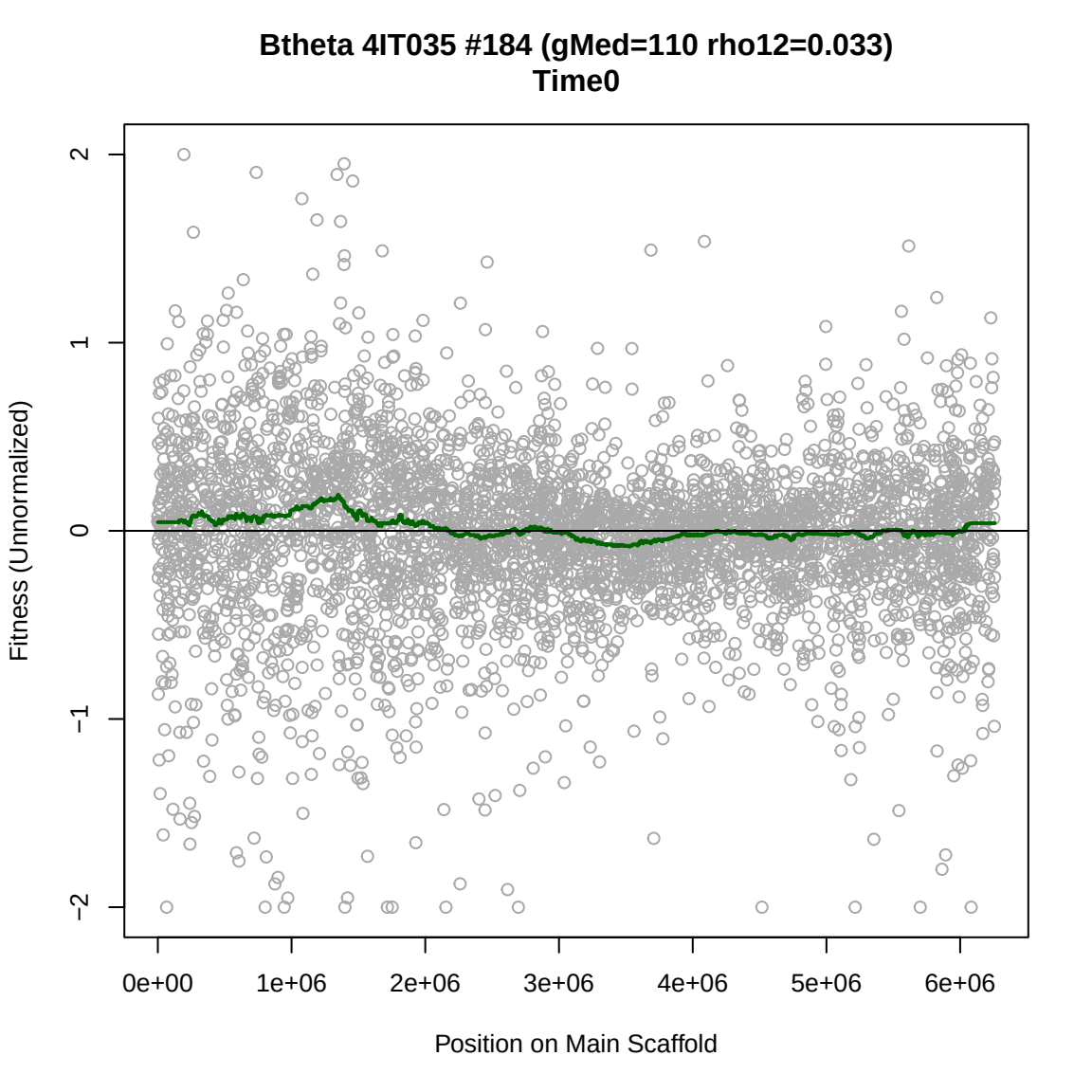

Btheta 4IT030 #179 (gMed=129 rho12=0.060)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

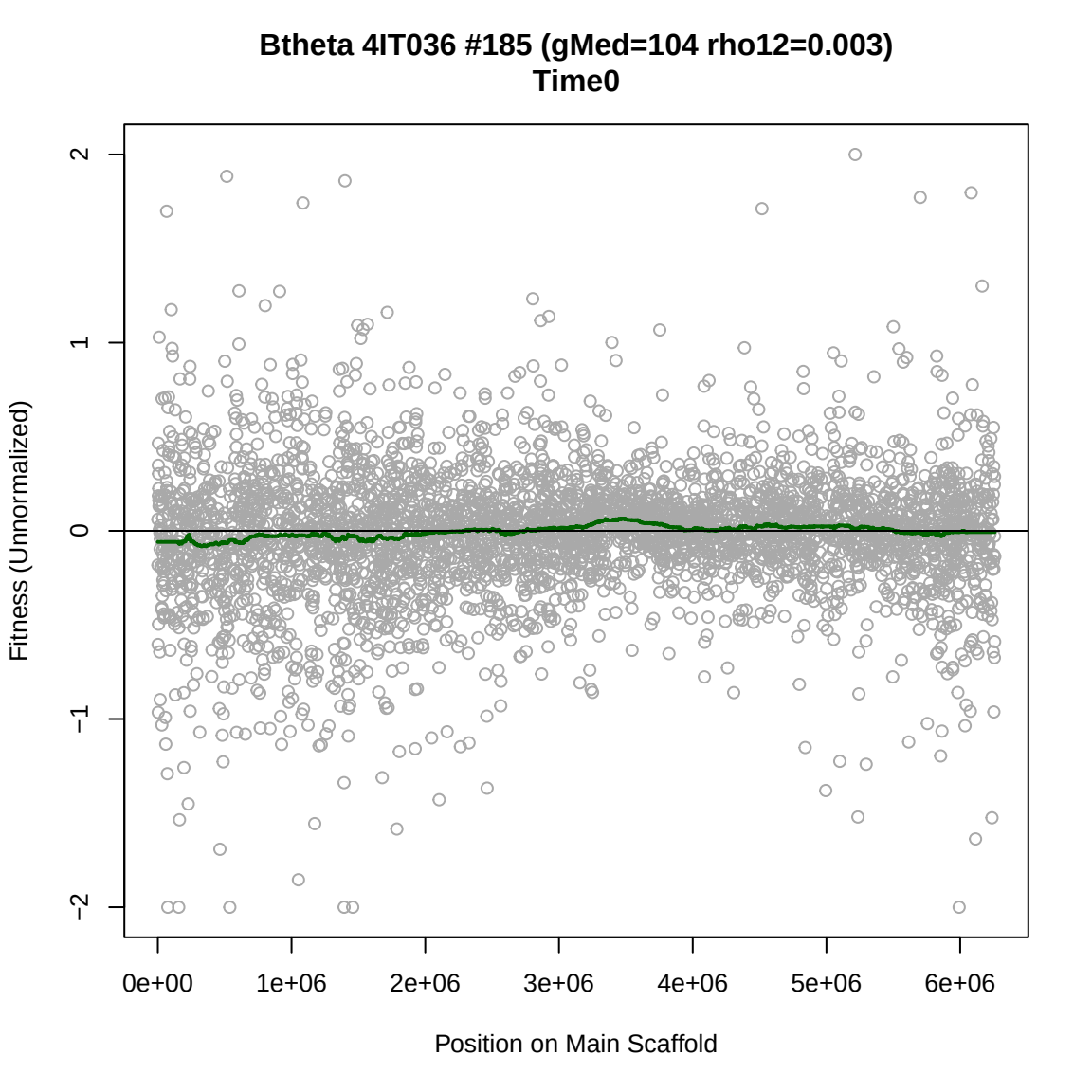

Btheta 4IT031 #180 (gMed=144 rho12=0.082)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

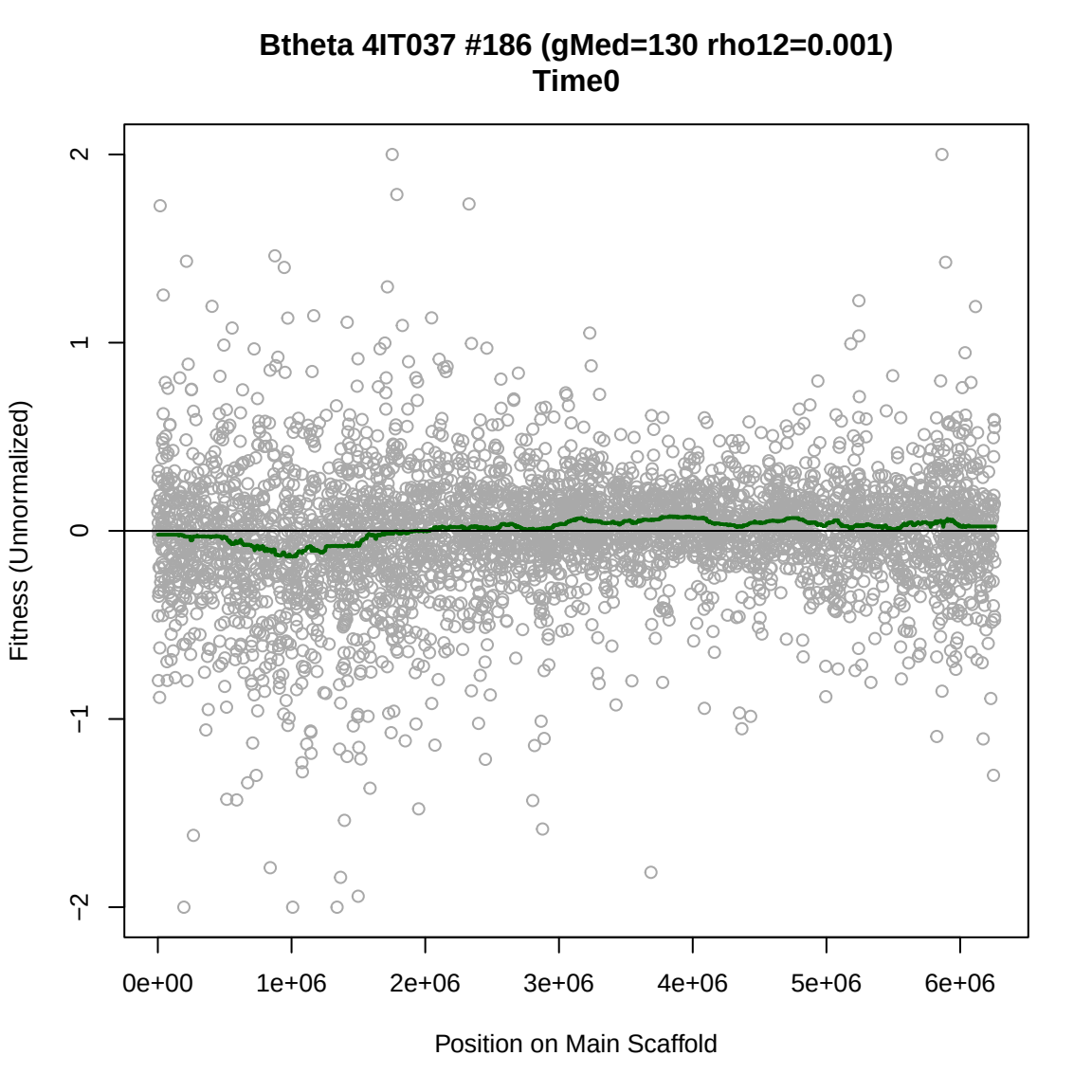

Btheta 4IT032 #181 (gMed=148 rho12=0.024)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

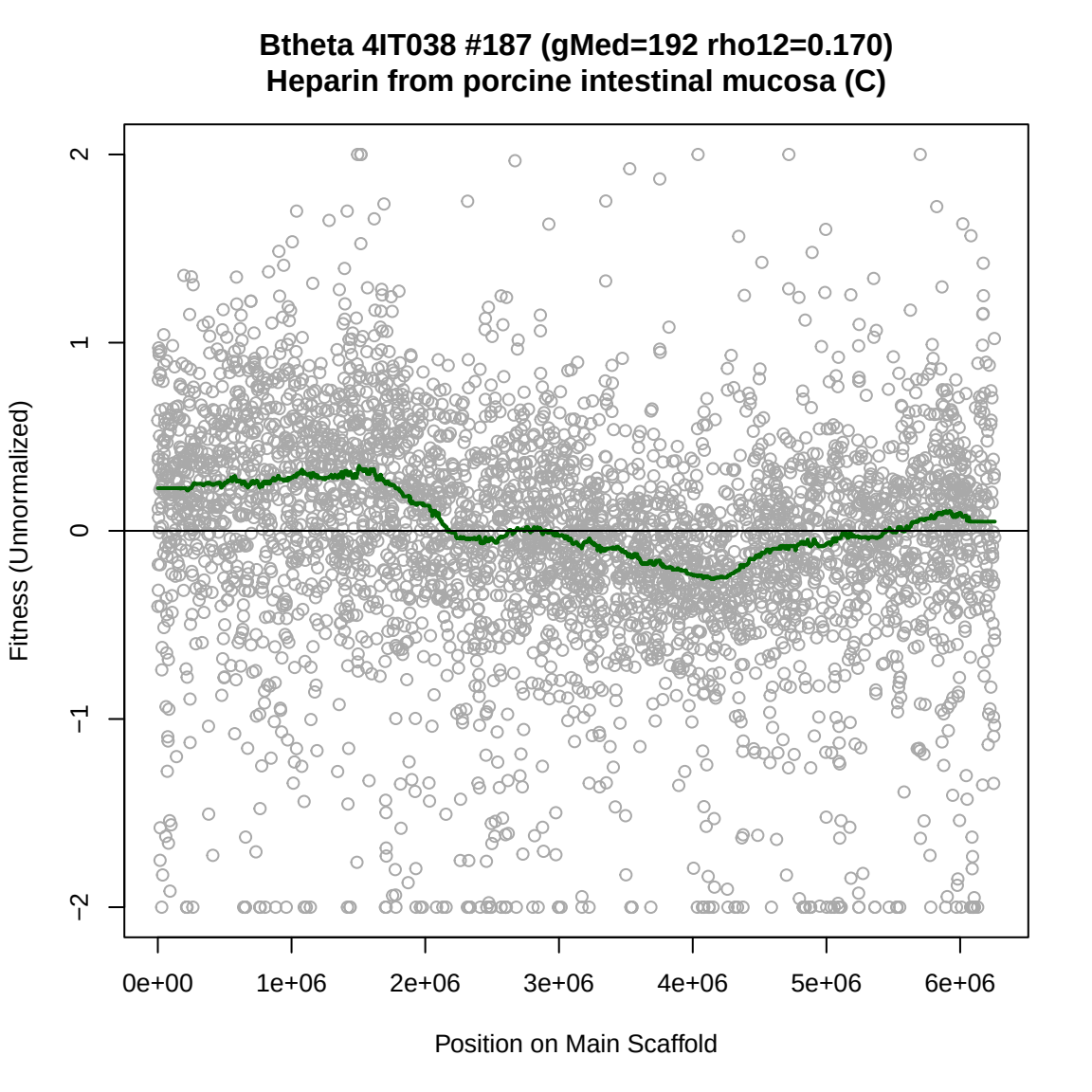

Btheta 4IT033 #182 (gMed=151 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

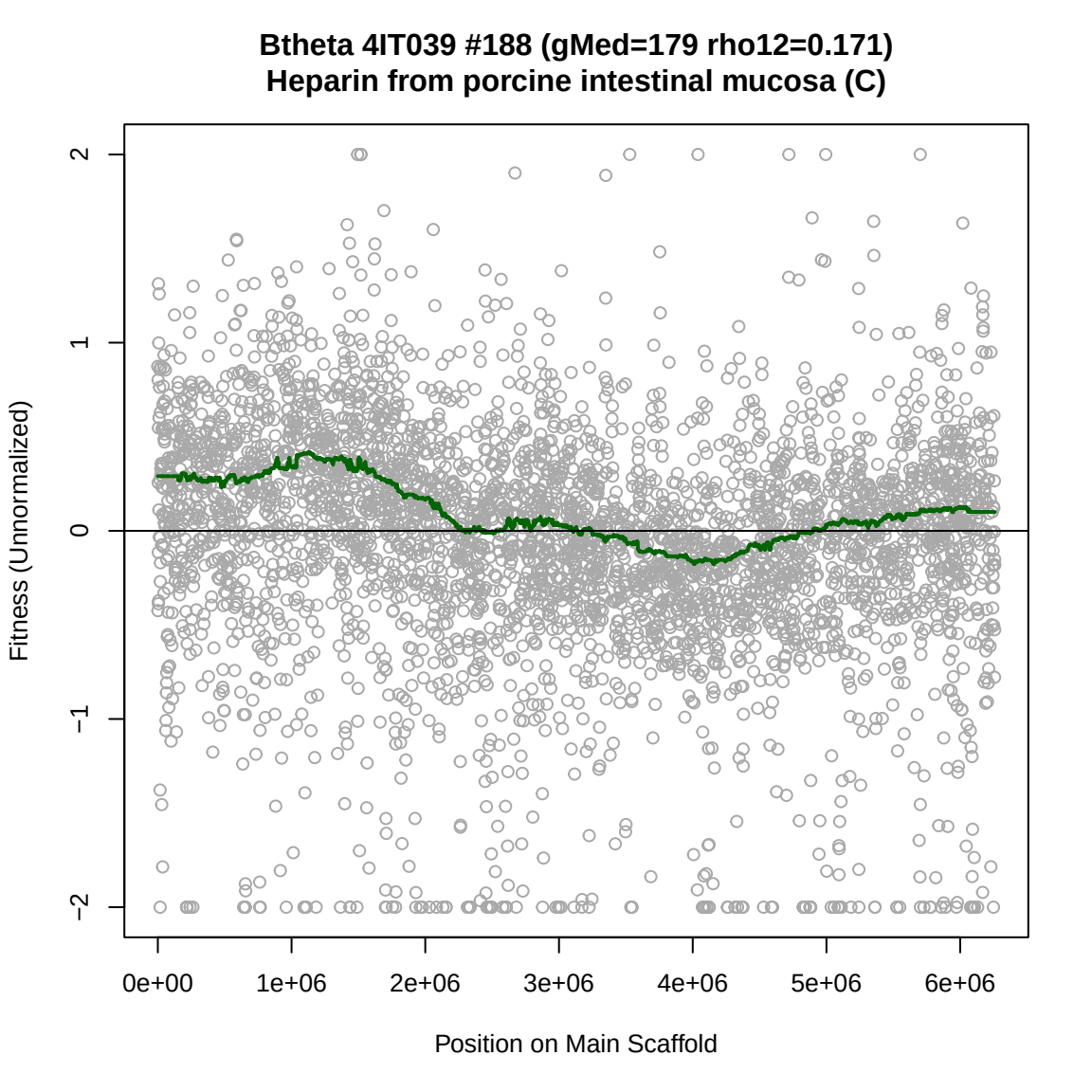

Btheta 4IT034 #183 (gMed=139 rho12=0.021)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

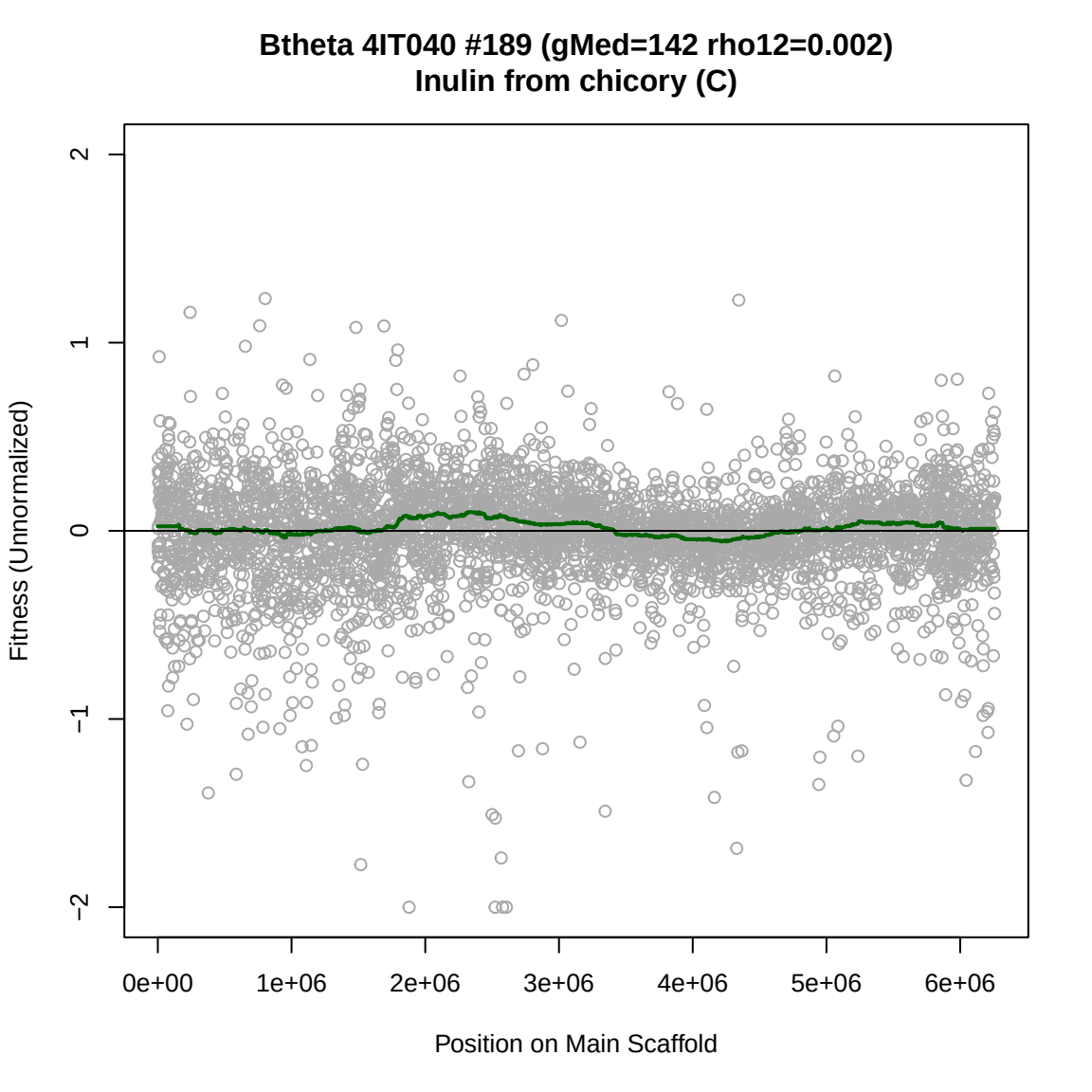

Btheta 4IT035 #184 (gMed=110 rho12=0.033)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

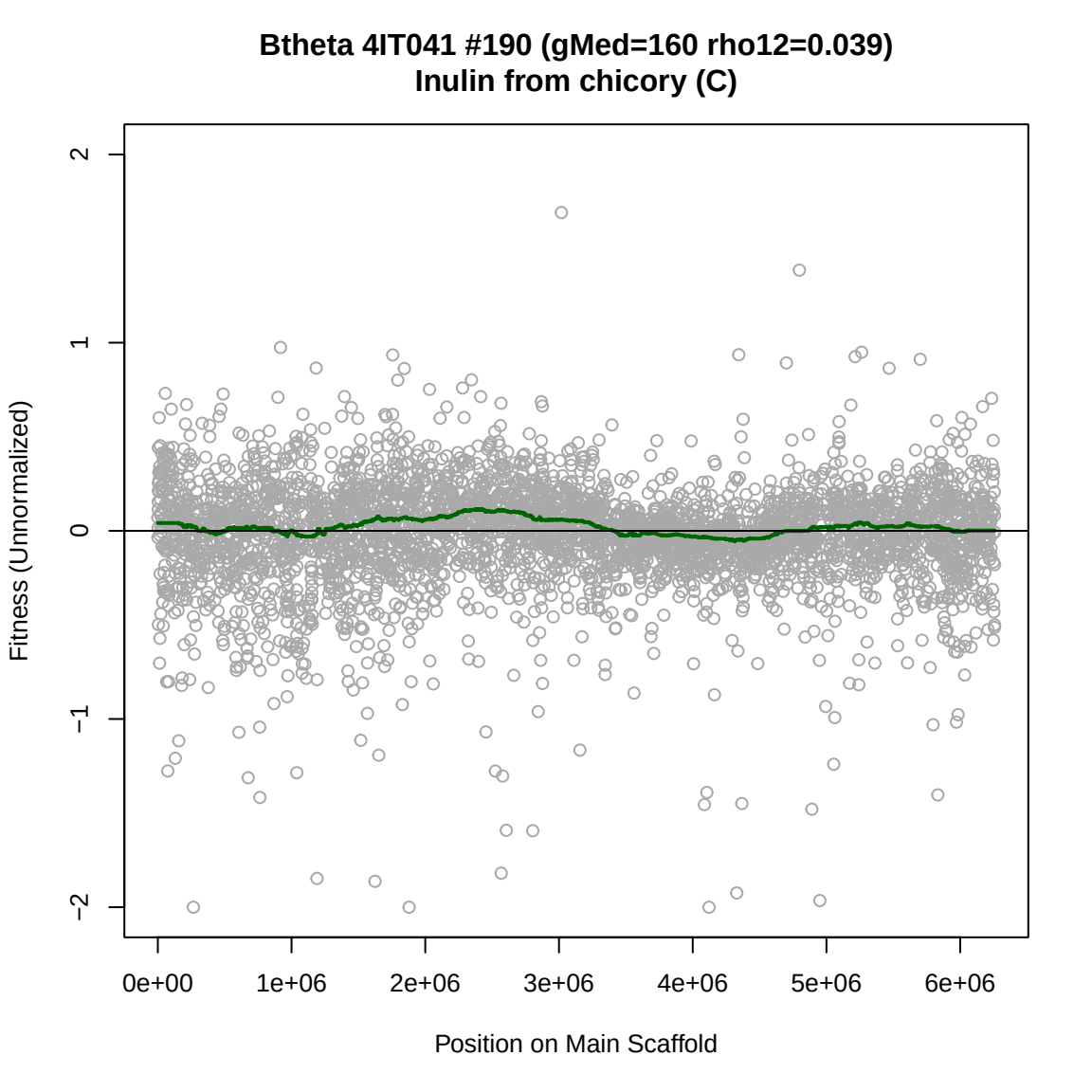

Btheta 4IT036 #185 (gMed=104 rho12=0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

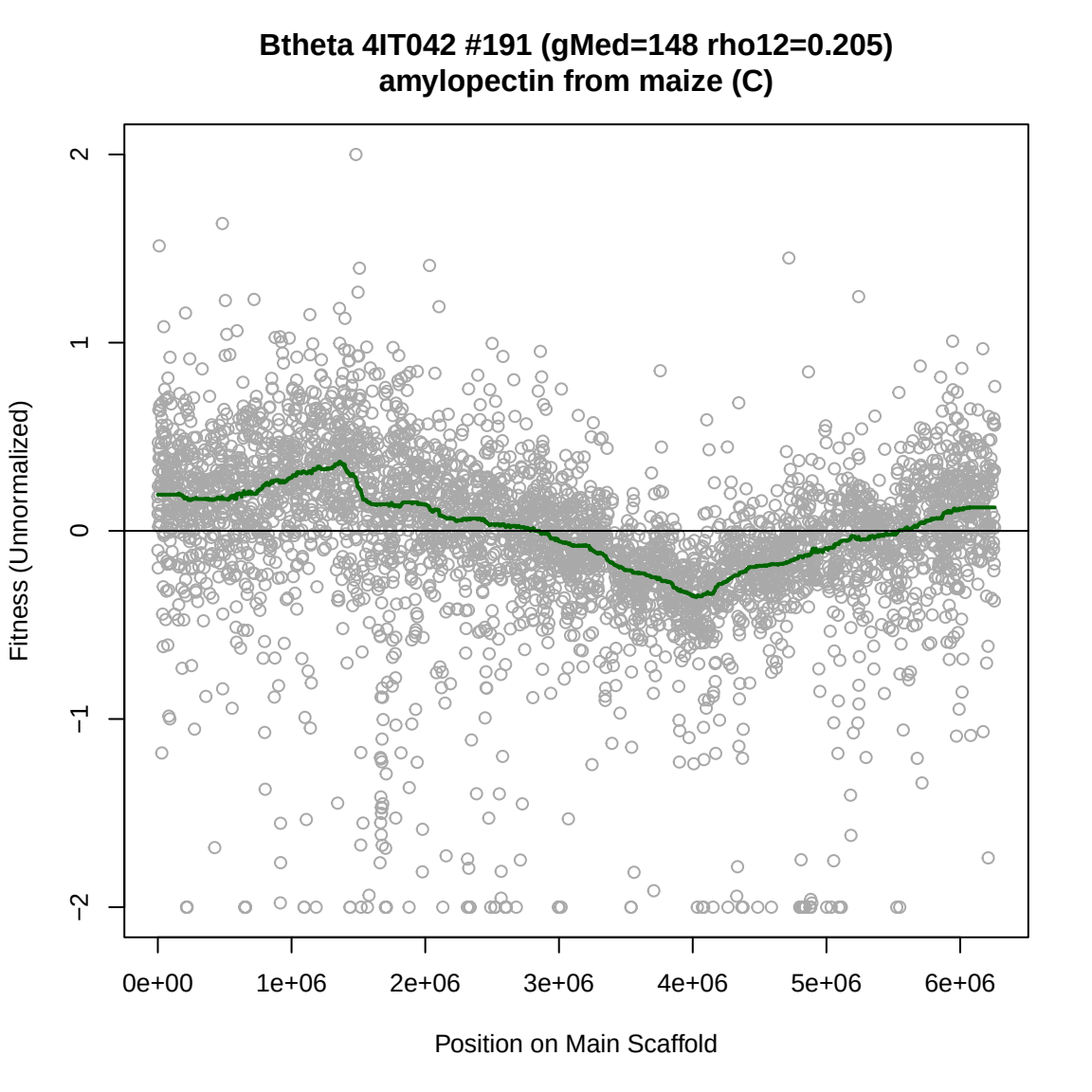

Btheta 4IT037 #186 (gMed=130 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

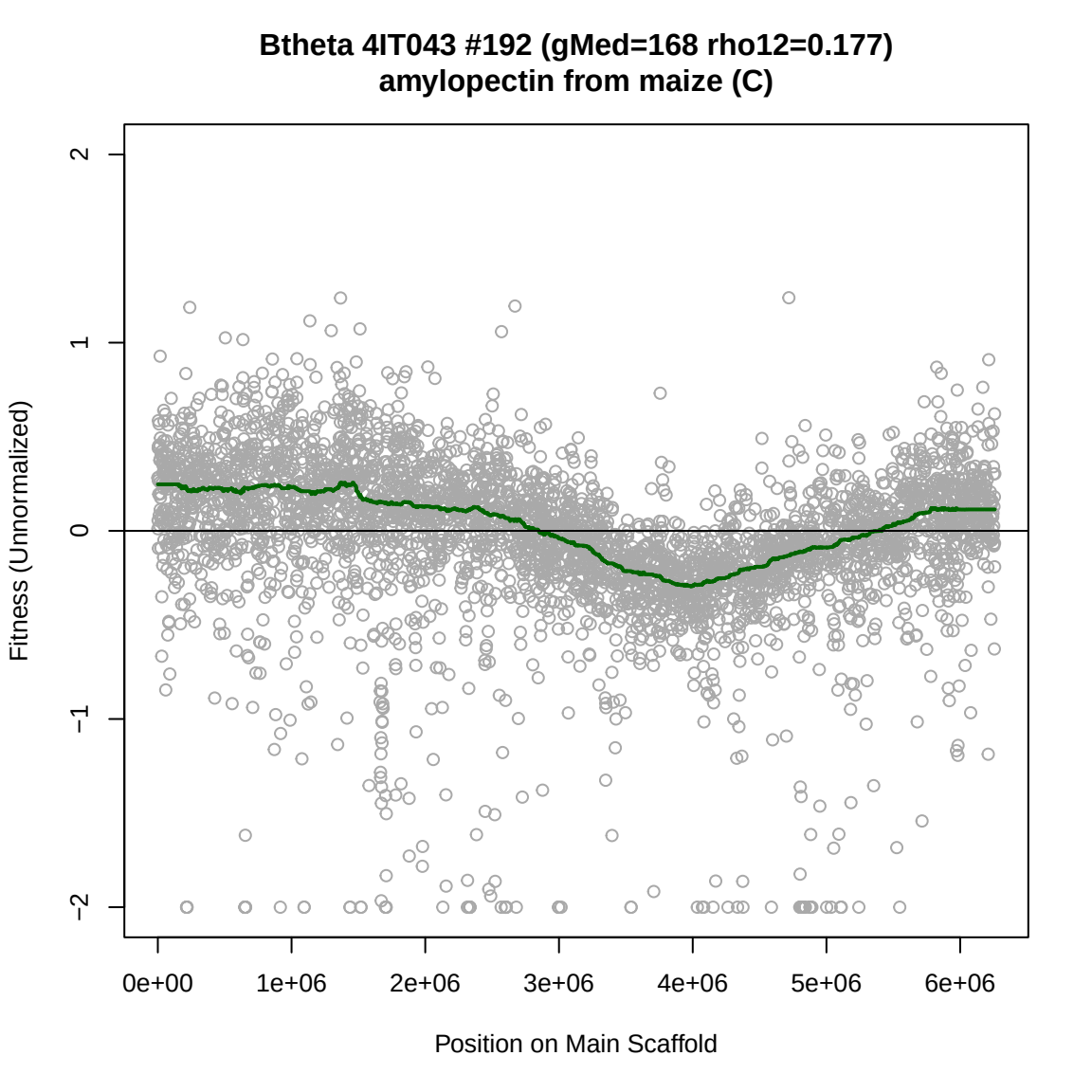

Btheta 4IT038 #187 (gMed=192 rho12=0.170)
Heparin from porcine intestinal mucosa (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

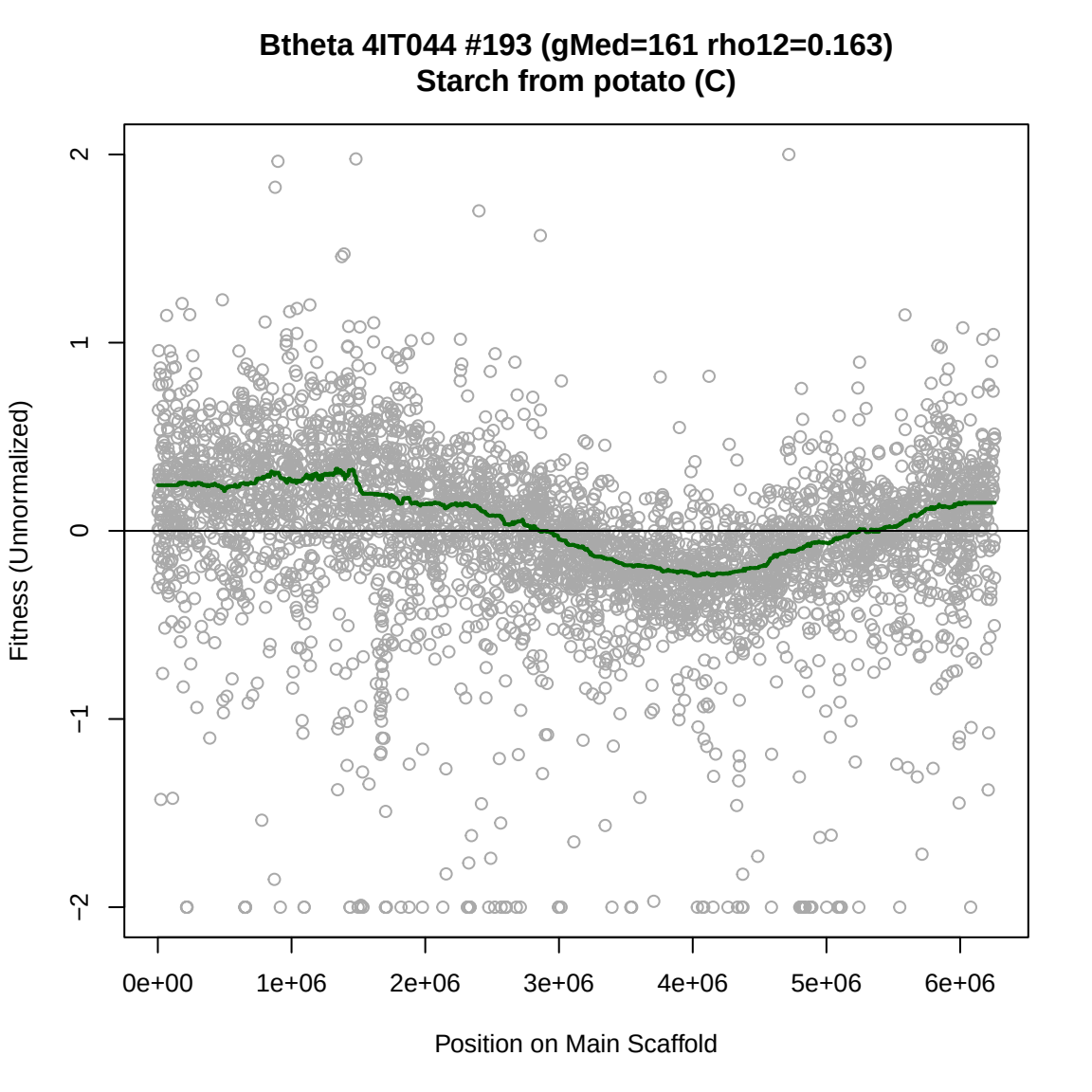

Btheta 4IT039 #188 (gMed=179 rho12=0.171)
Heparin from porcine intestinal mucosa (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

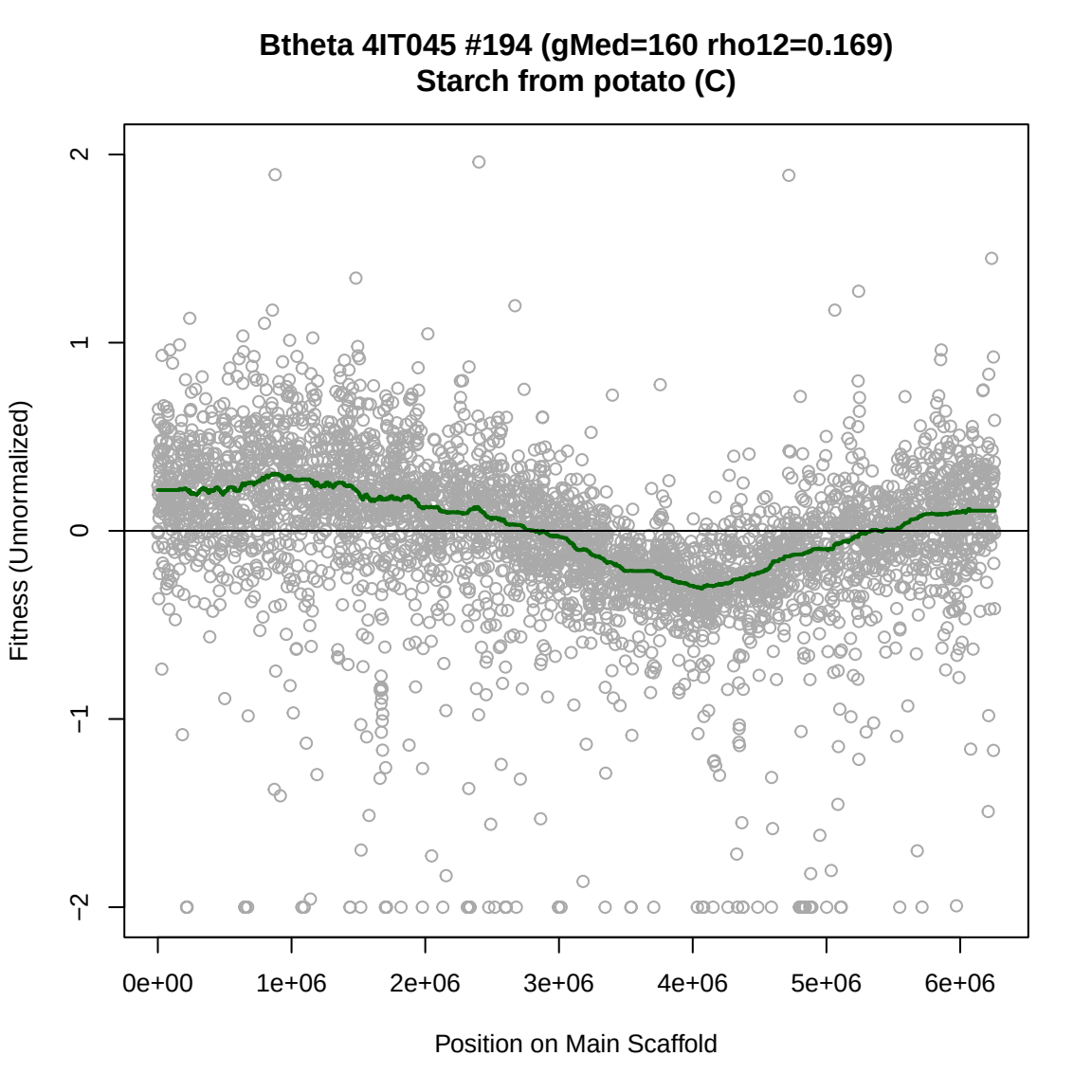

Btheta 4IT040 #189 (gMed=142 rho12=0.002)
Inulin from chicory (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

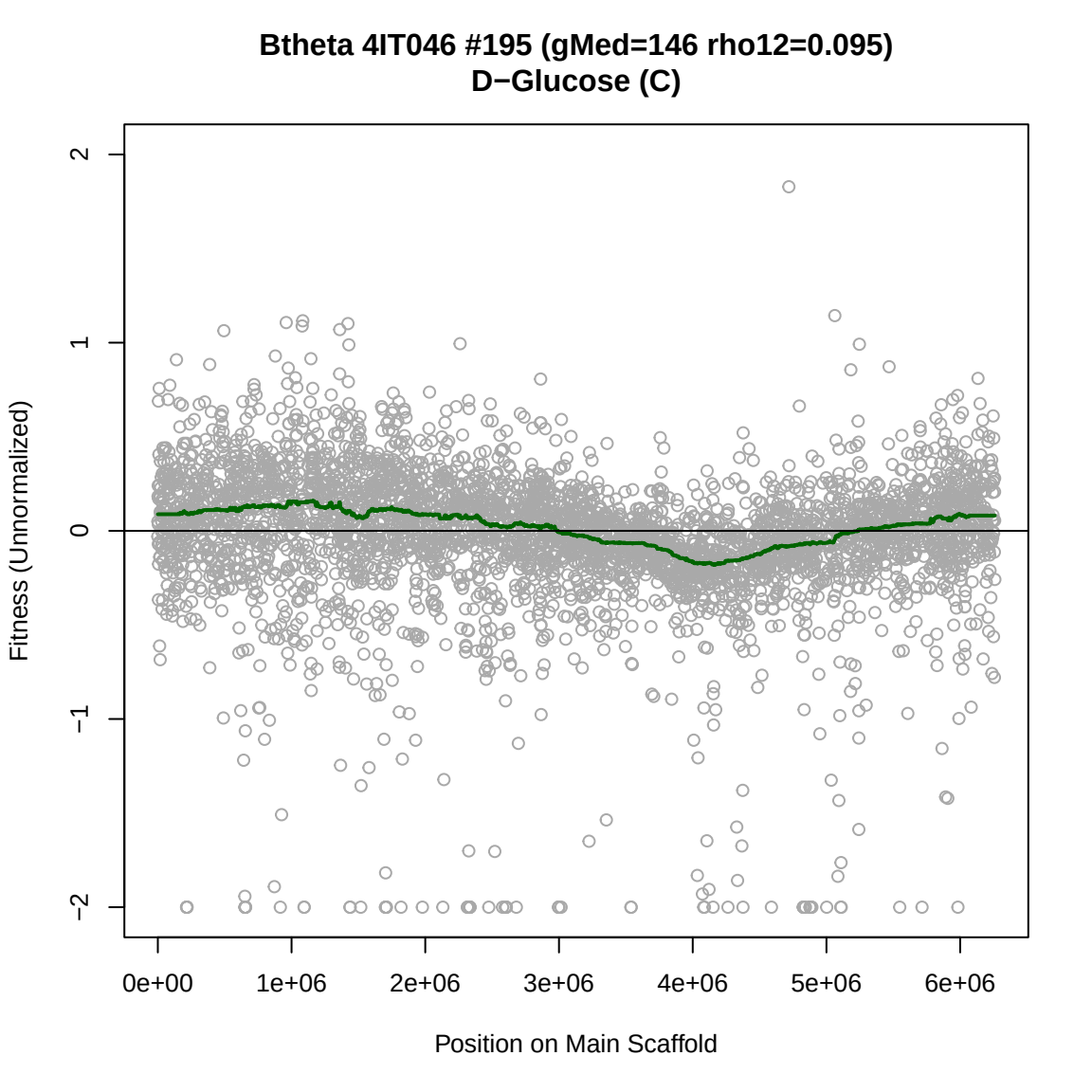

Btheta 4IT041 #190 (gMed=160 rho12=0.039)
Inulin from chicory (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

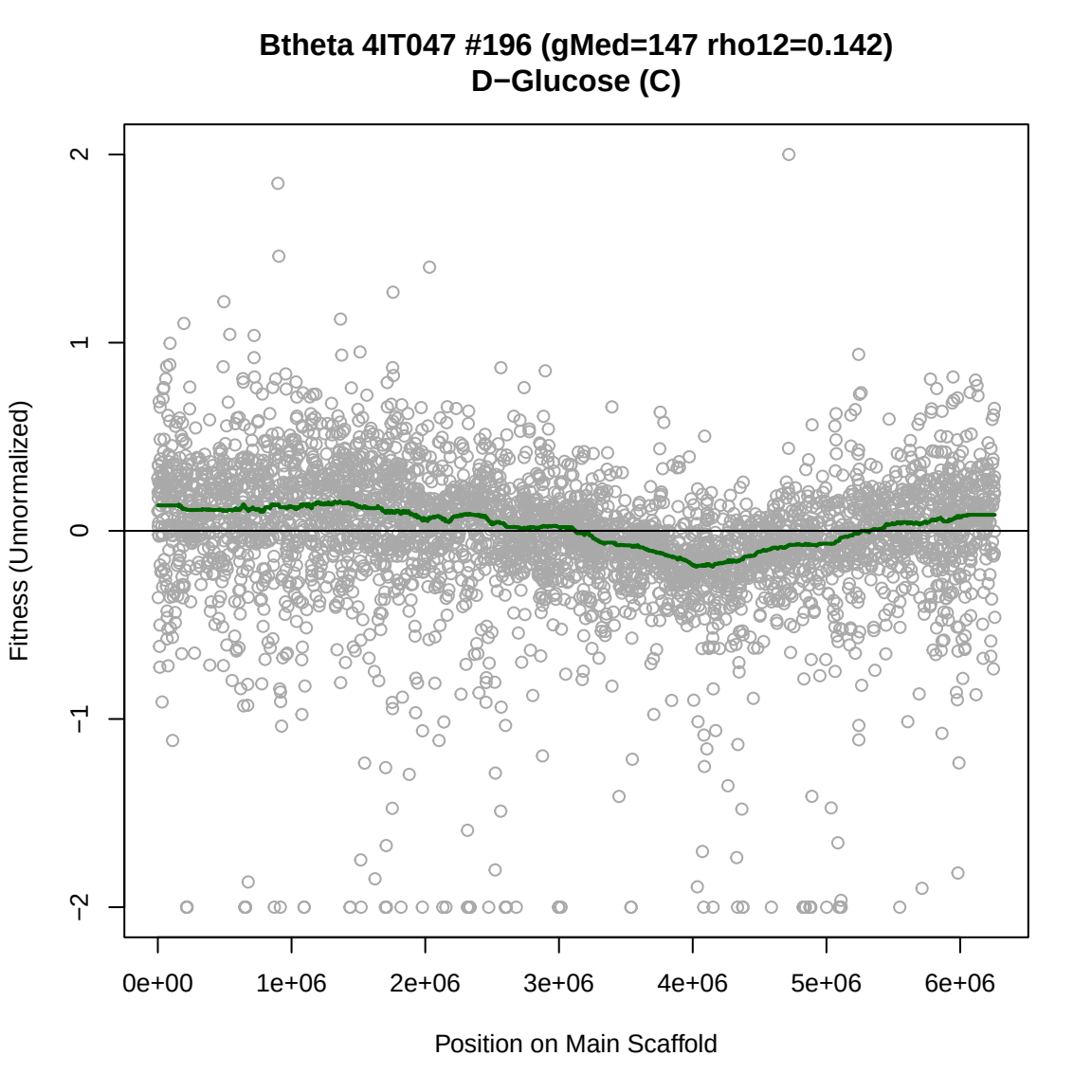

Btheta 4IT042 #191 (gMed=148 rho12=0.205)
amylopectin from maize (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

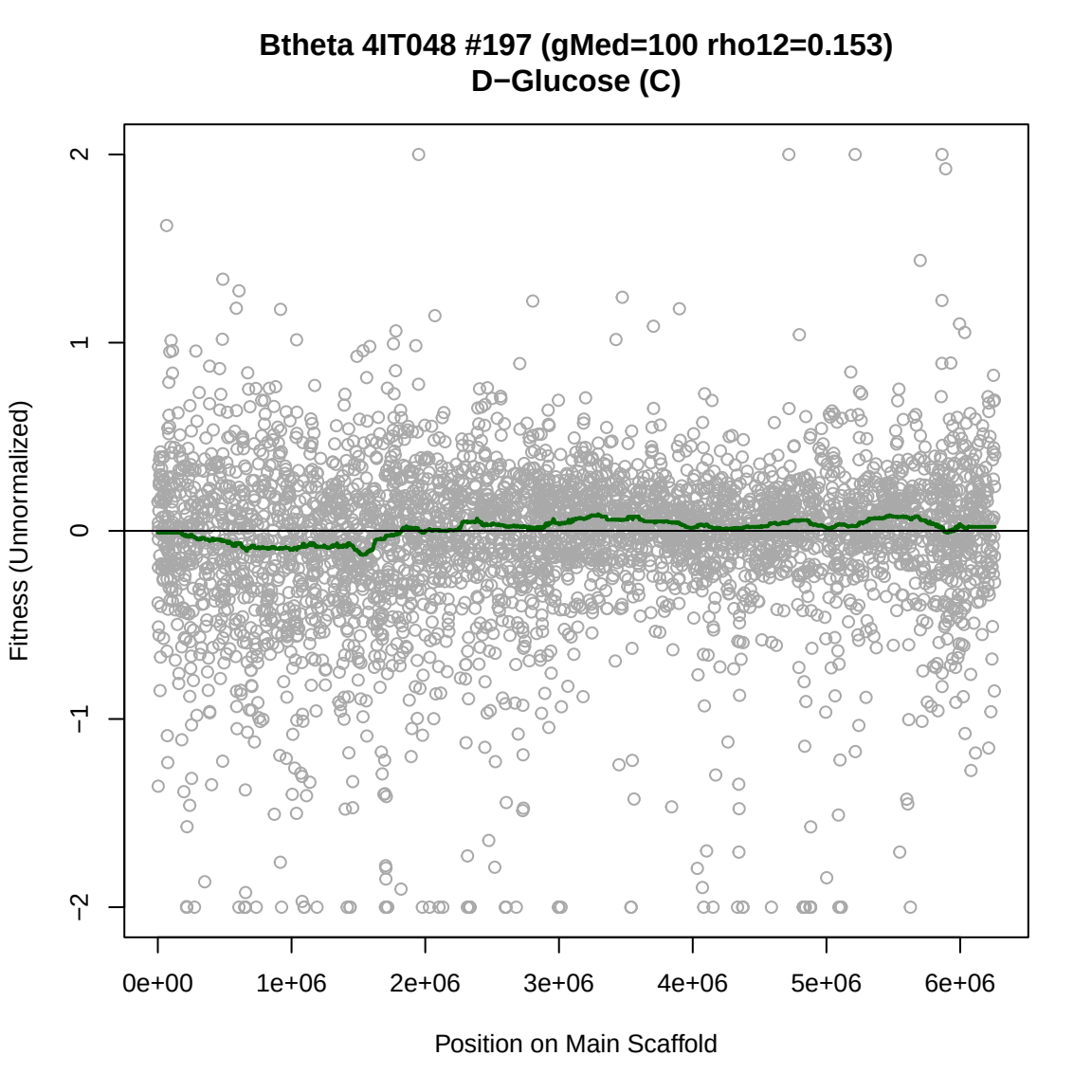

Btheta 4IT043 #192 (gMed=168 rho12=0.177)
amylopectin from maize (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

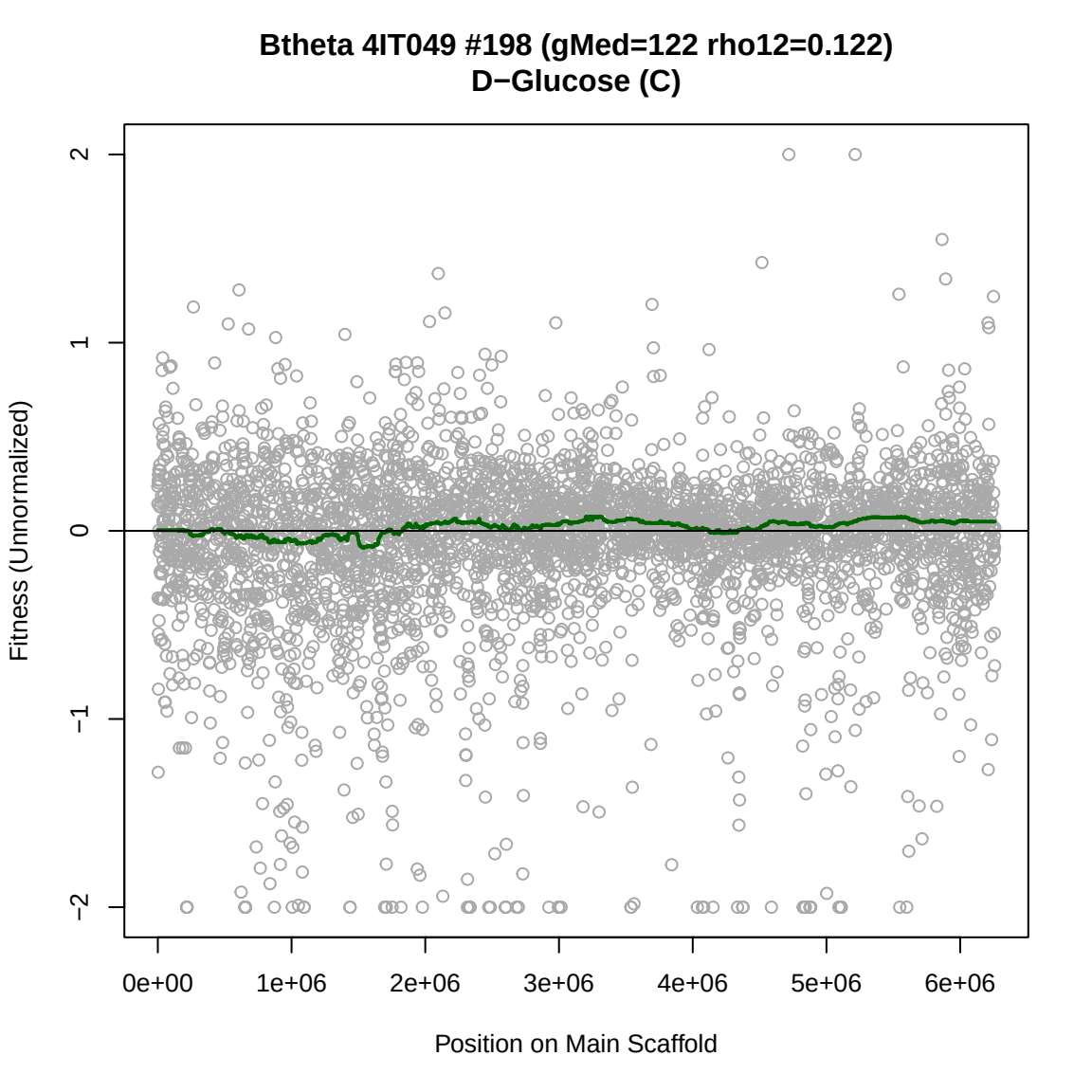

Btheta 4IT044 #193 (gMed=161 rho12=0.163)
Starch from potato (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

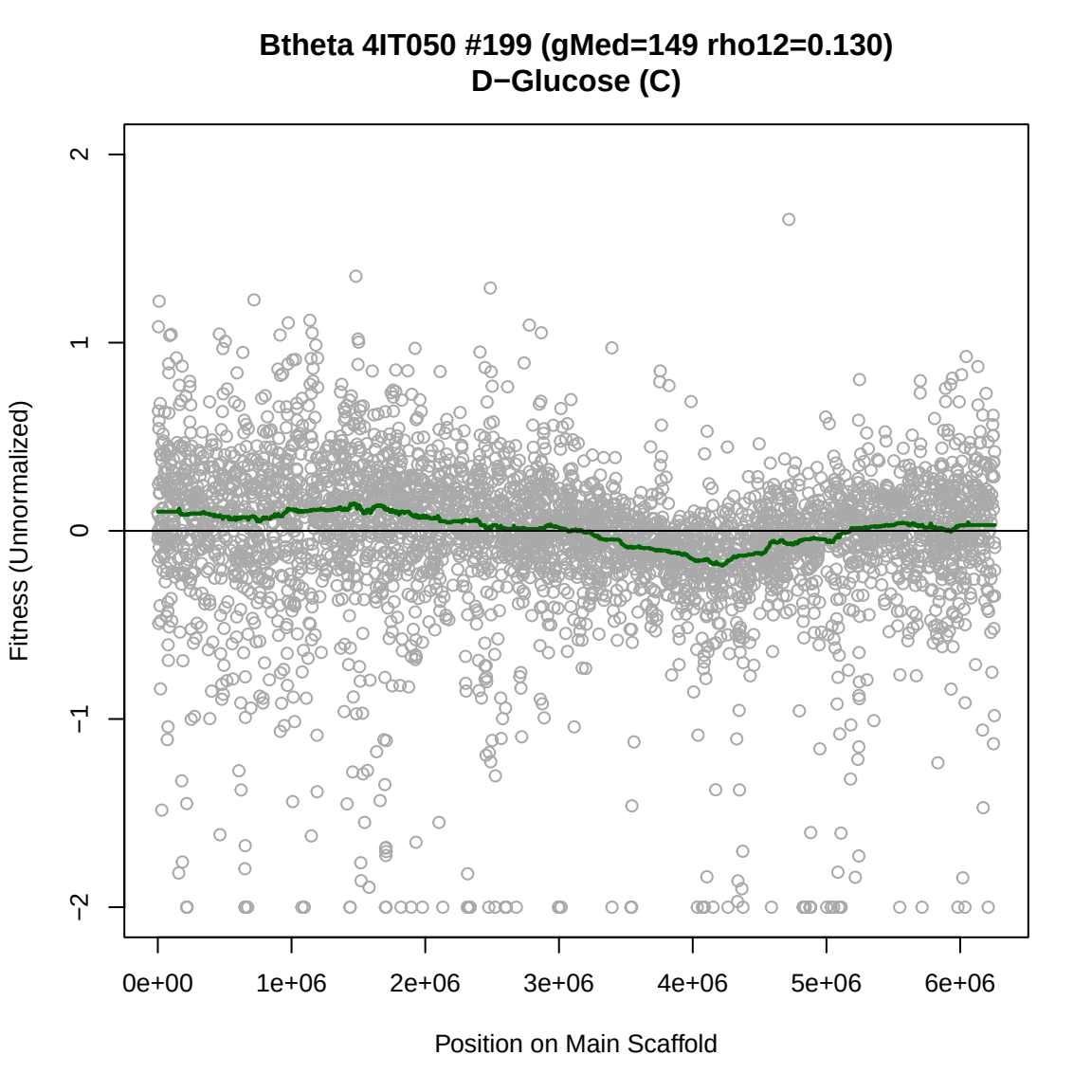

Btheta 4IT045 #194 (gMed=160 rho12=0.169)
Starch from potato (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

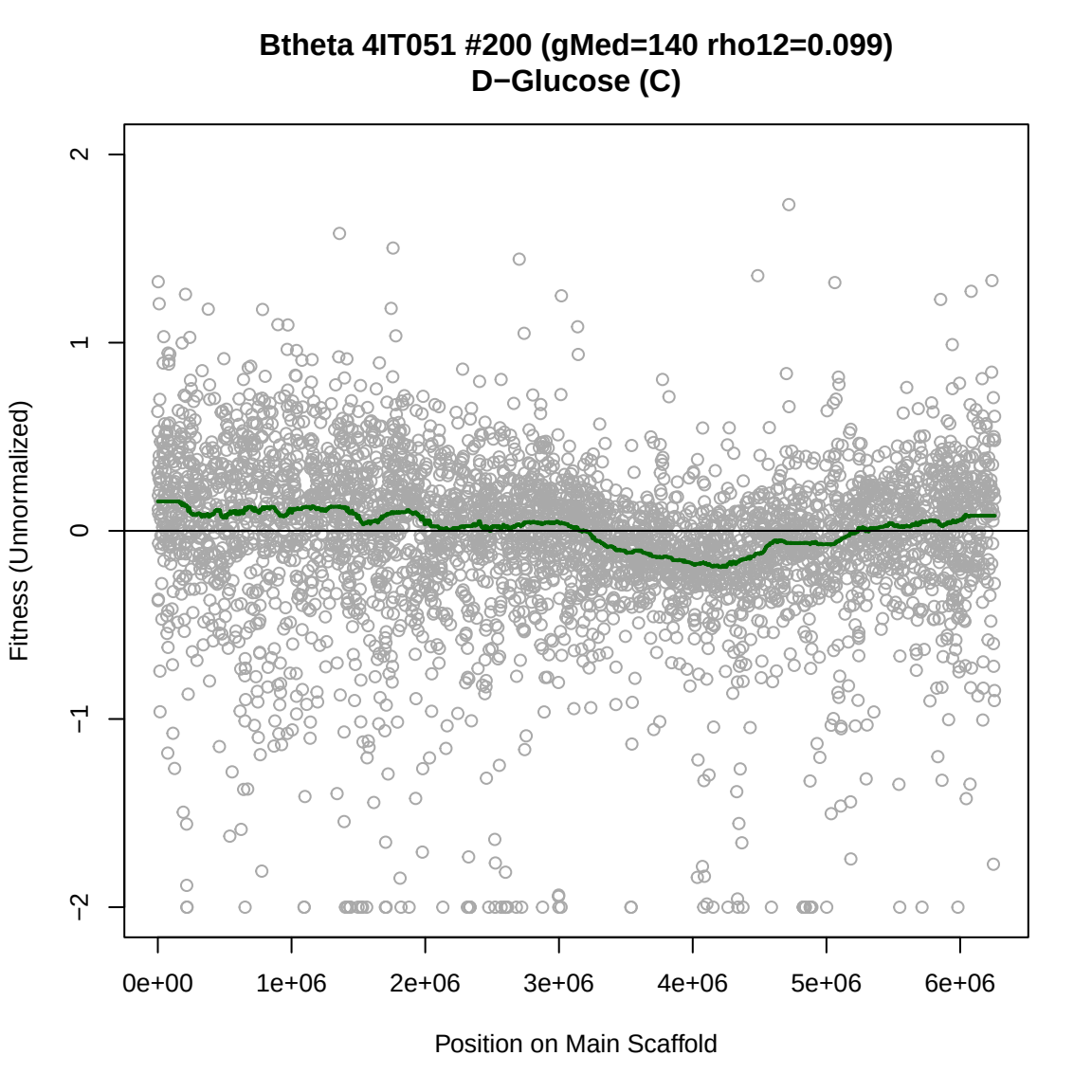

Btheta 4IT046 #195 (gMed=146 rho12=0.095)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

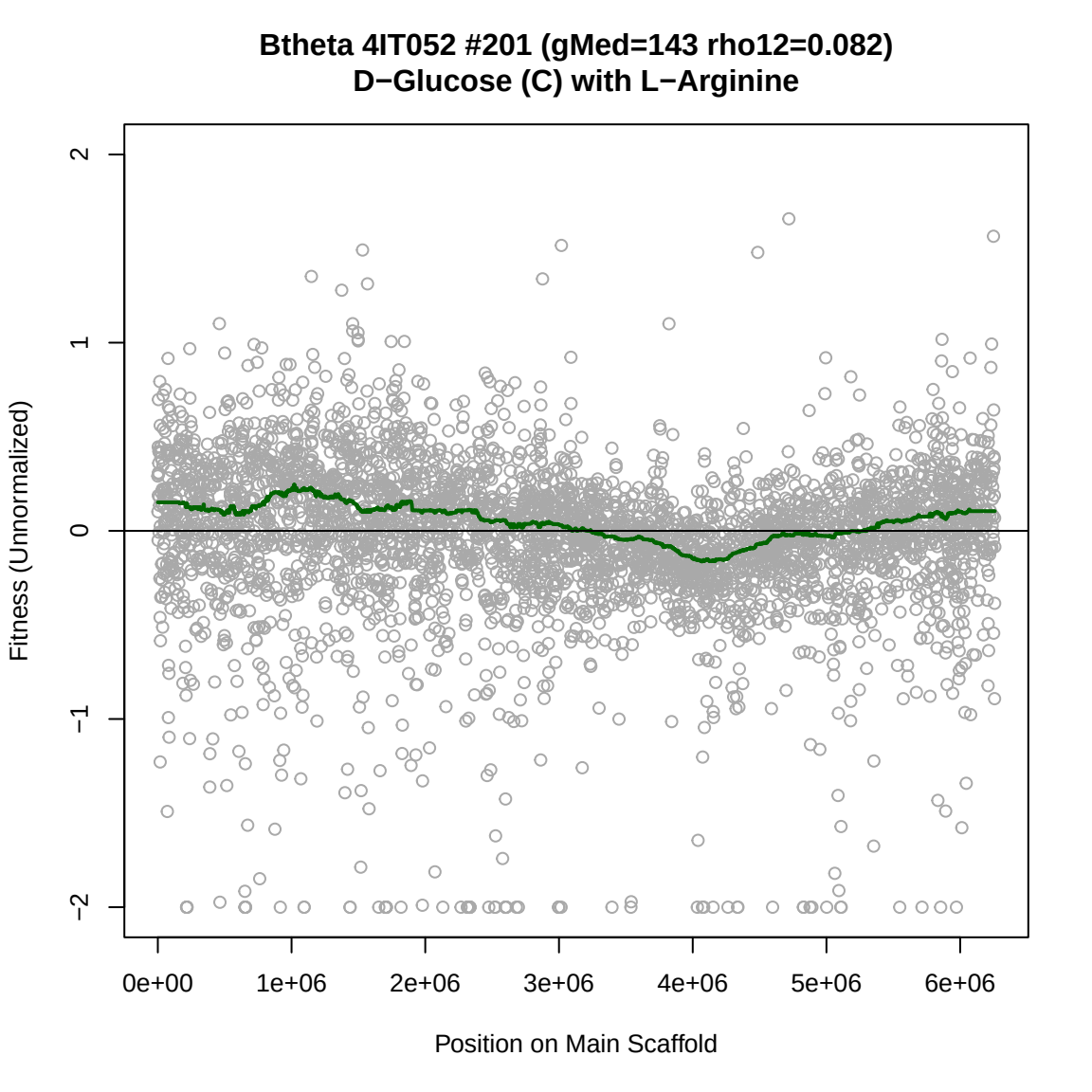

Btheta 4IT047 #196 (gMed=147 rho12=0.142)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

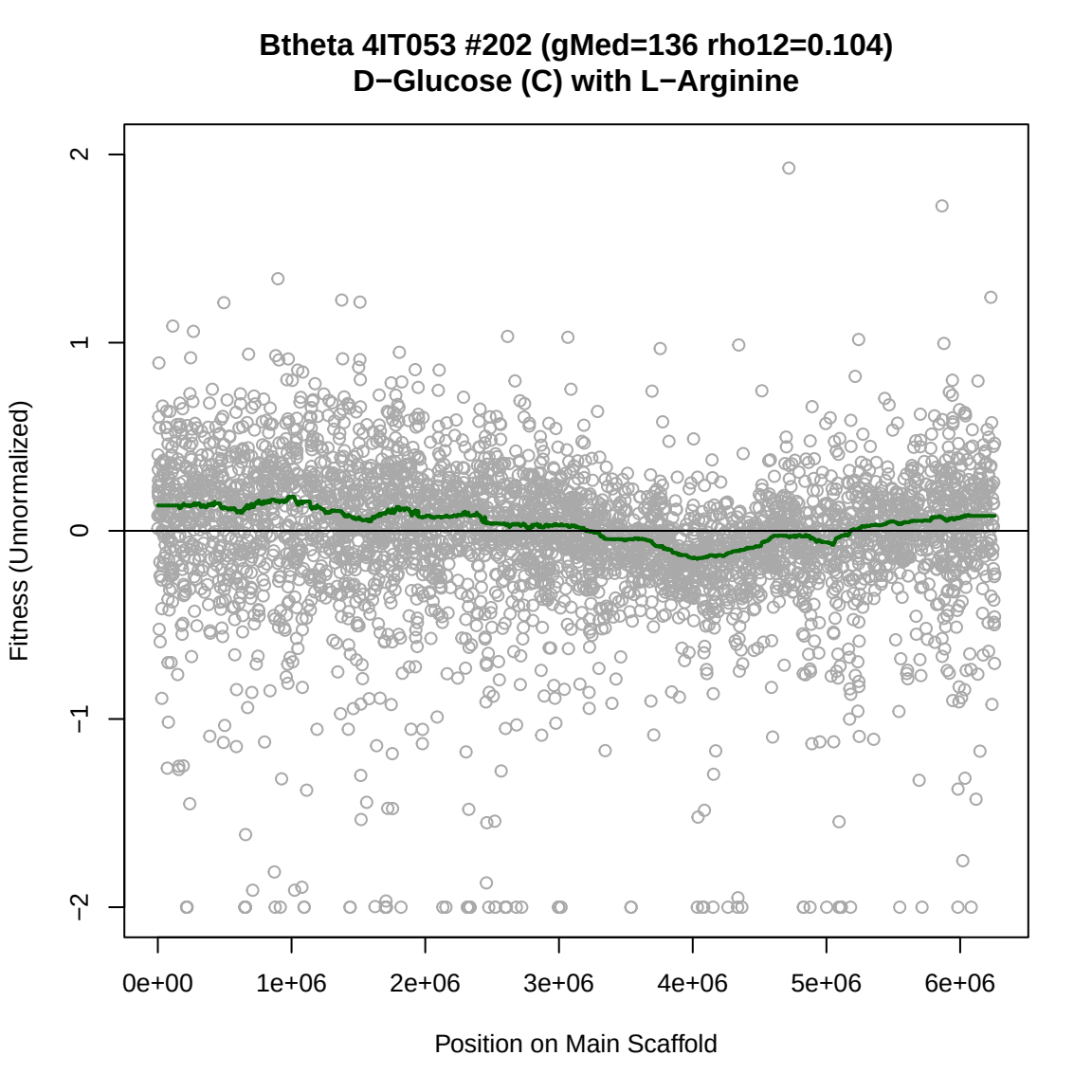

Btheta 4IT048 #197 (gMed=100 rho12=0.153)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

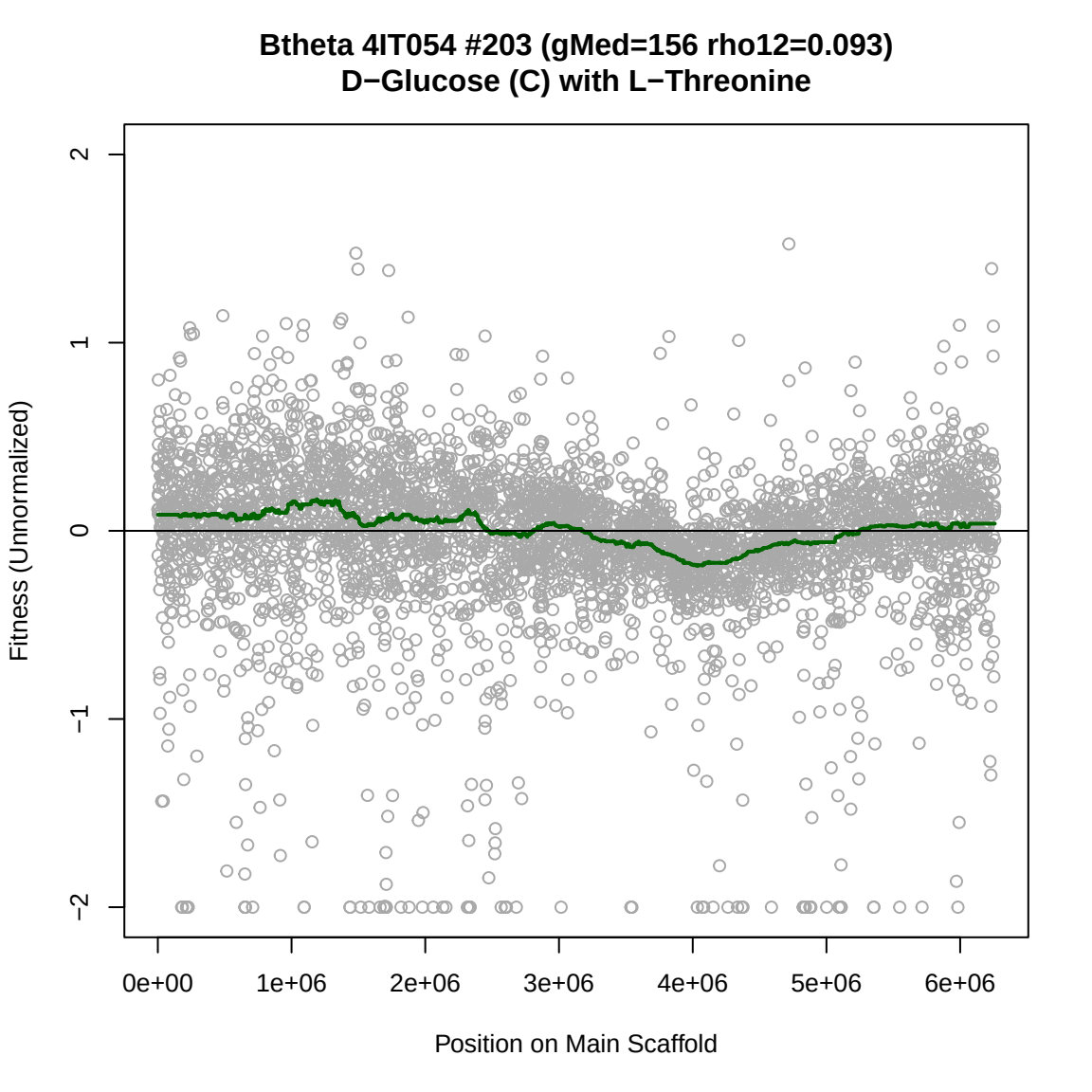

Btheta 4IT049 #198 (gMed=122 rho12=0.122)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

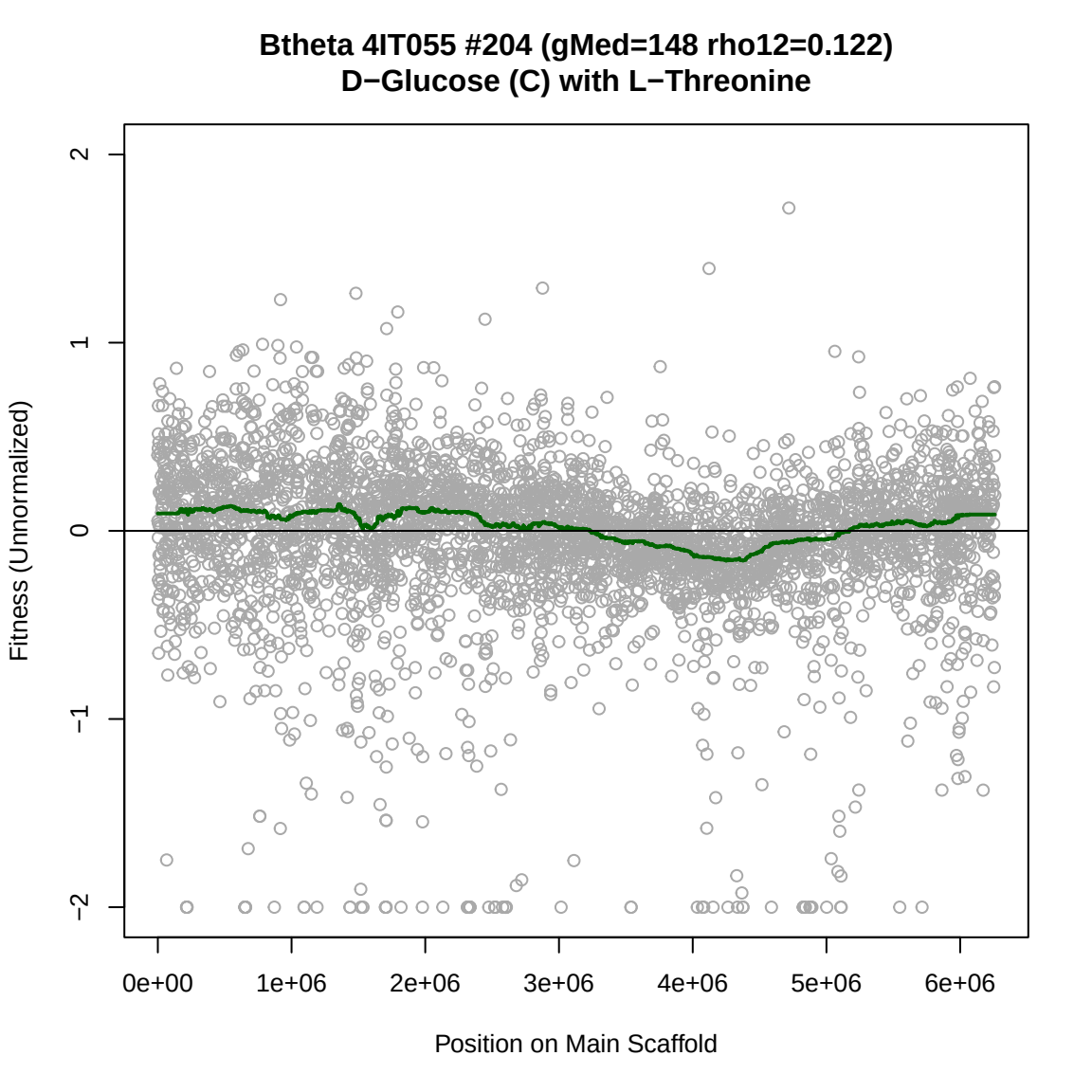

Btheta 4IT050 #199 (gMed=149 rho12=0.130)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

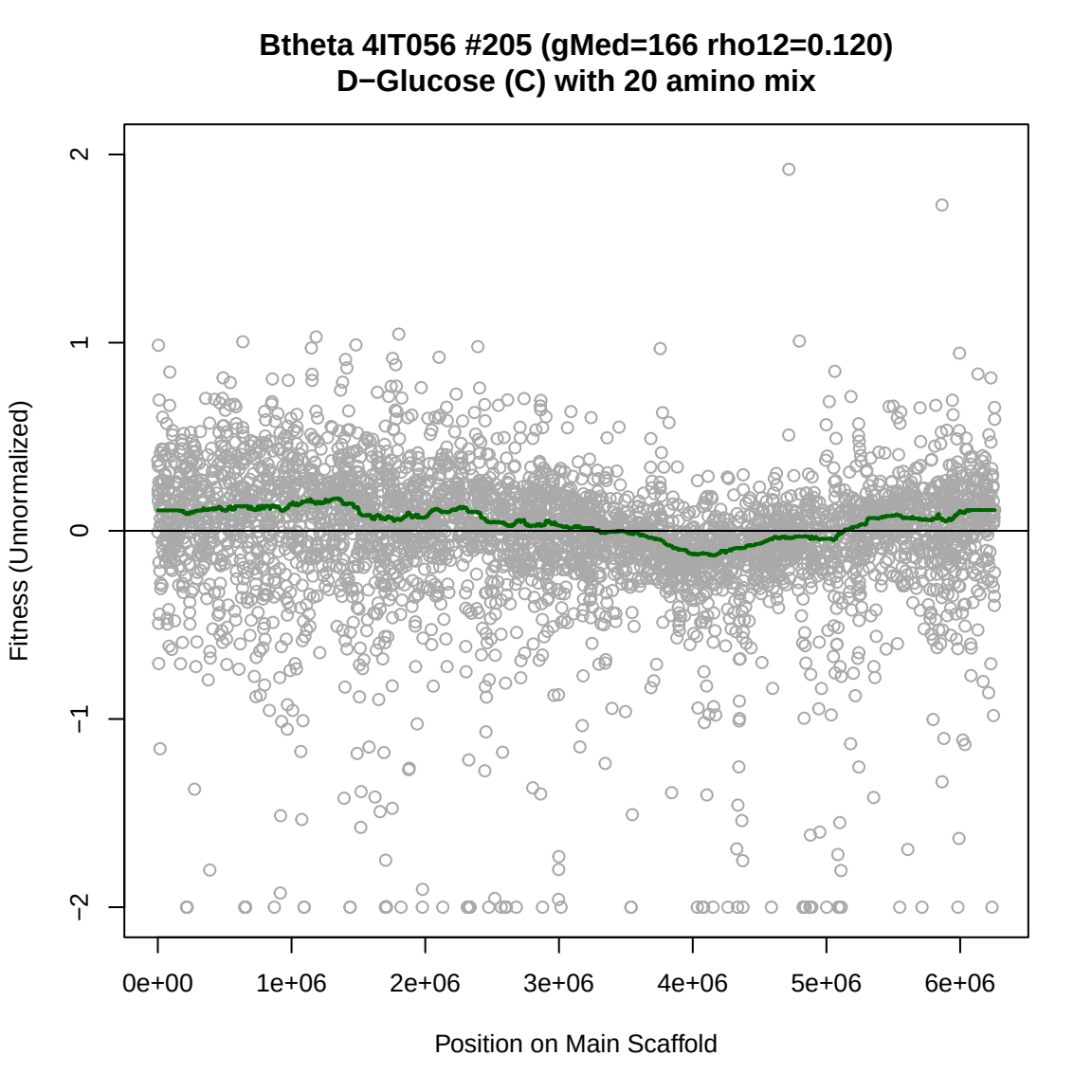

Btheta 4IT051 #200 (gMed=140 rho12=0.099)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

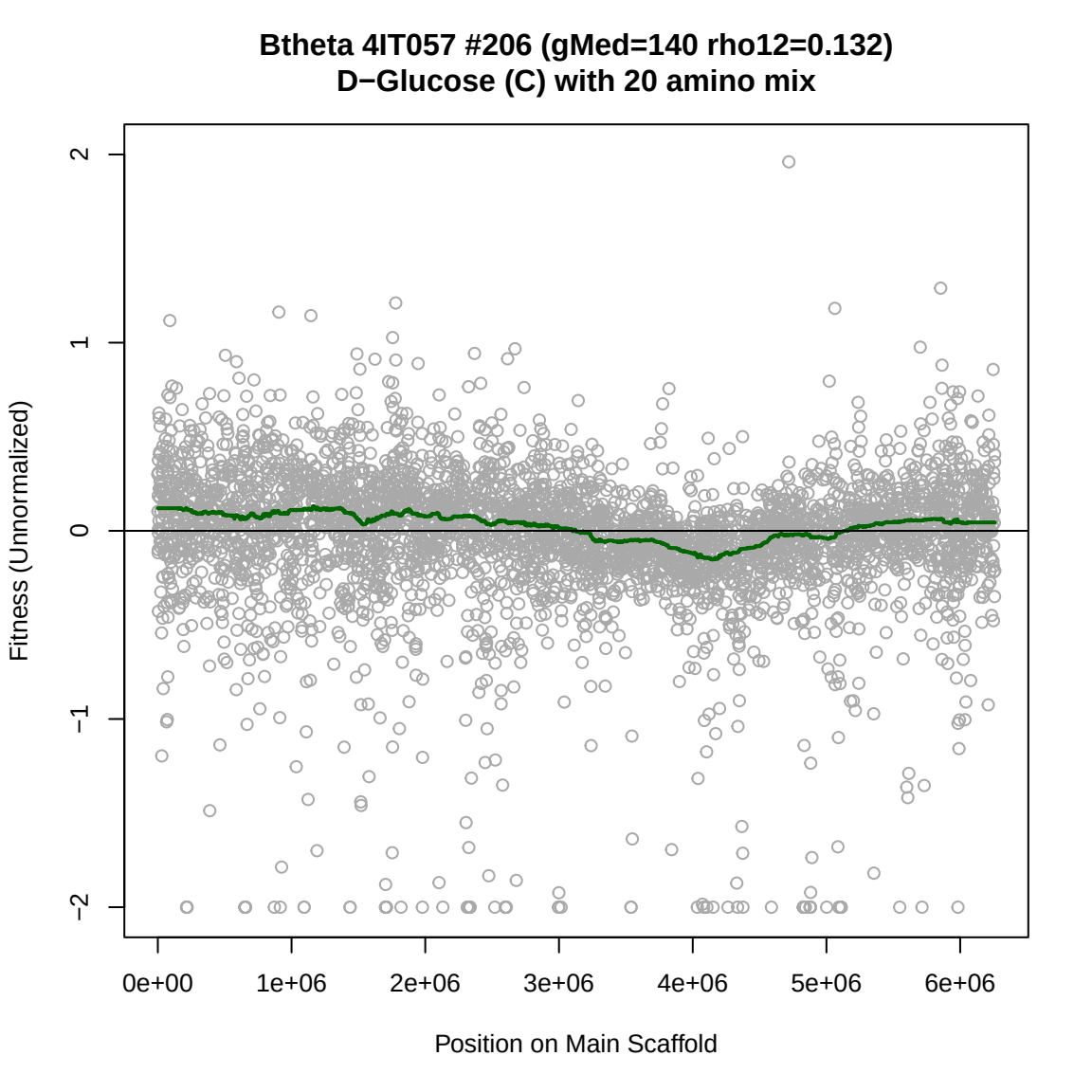

Btheta 4IT052 #201 (gMed=143 rho12=0.082)
D−Glucose (C) with L−Arginine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

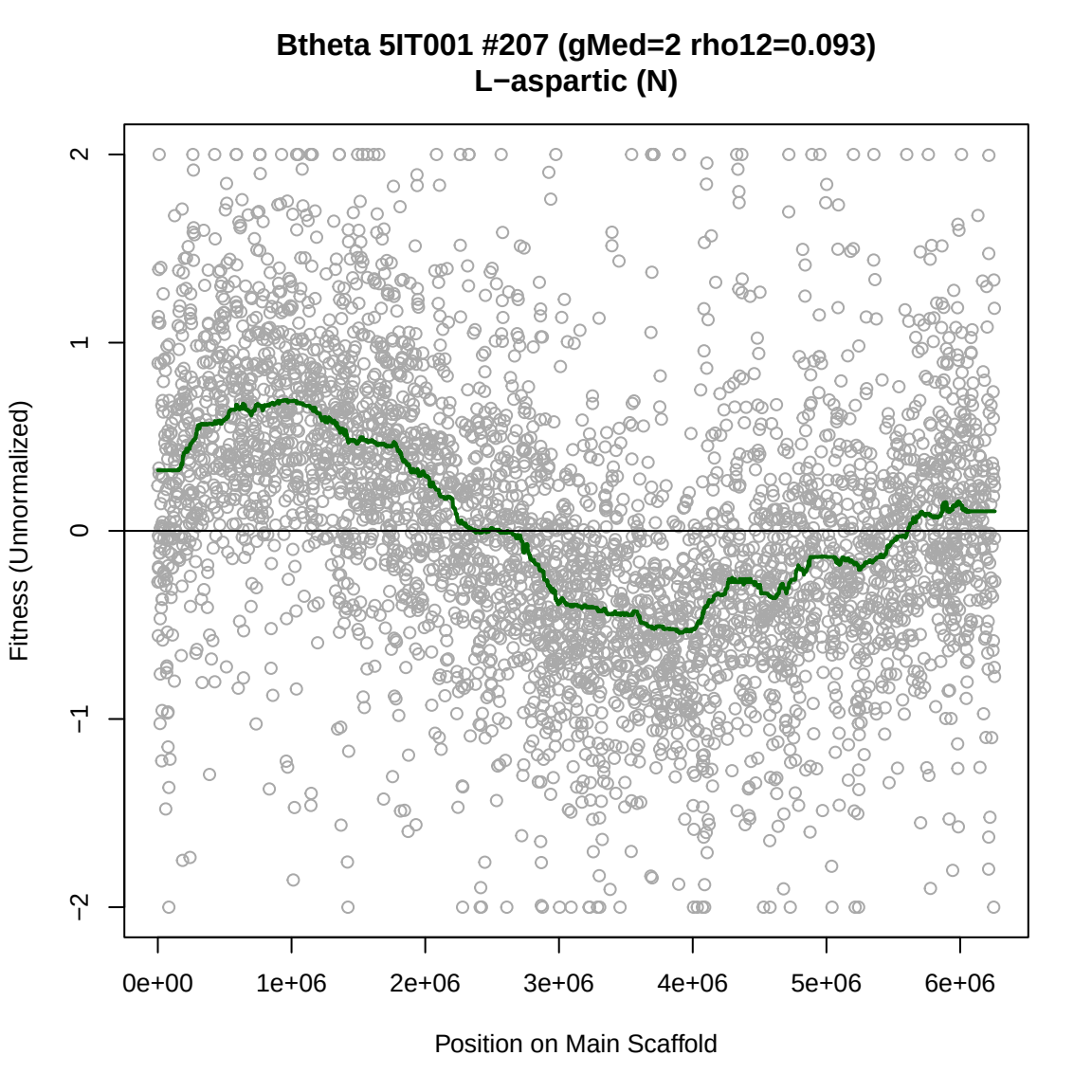

Btheta 4IT053 #202 (gMed=136 rho12=0.104)
D−Glucose (C) with L−Arginine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

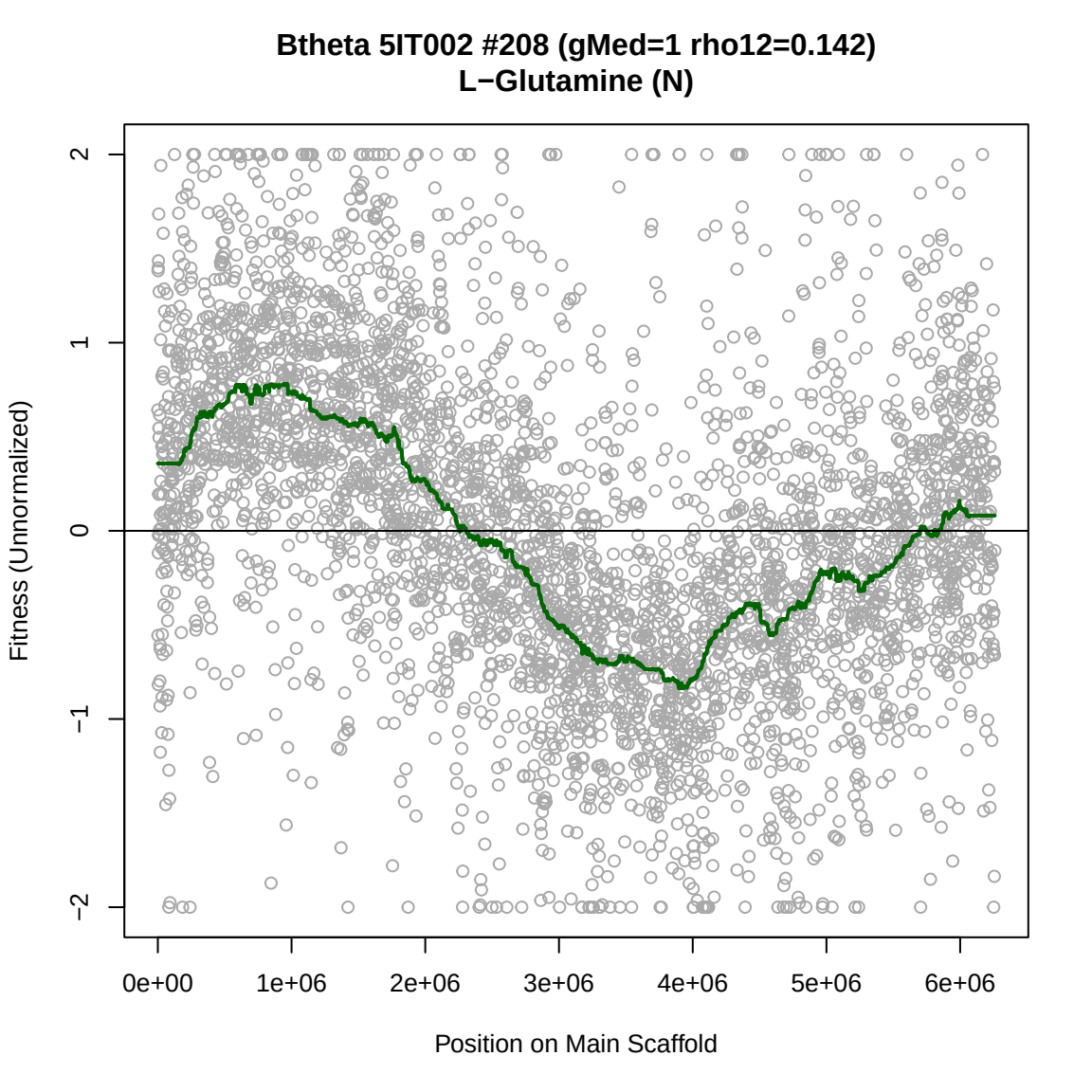

Btheta 4IT054 #203 (gMed=156 rho12=0.093)
D−Glucose (C) with L−Threonine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

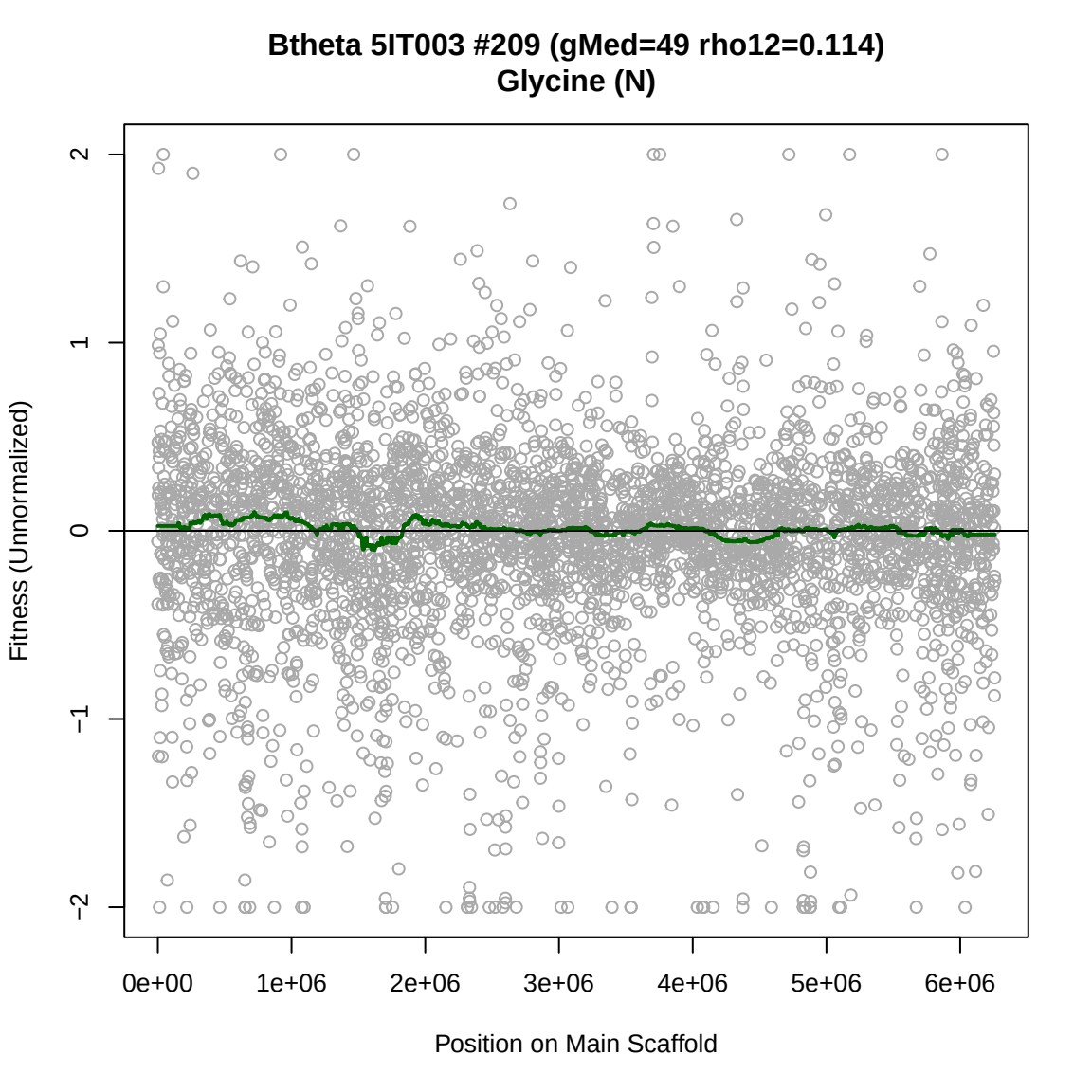

Btheta 4IT055 #204 (gMed=148 rho12=0.122)
D−Glucose (C) with L−Threonine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

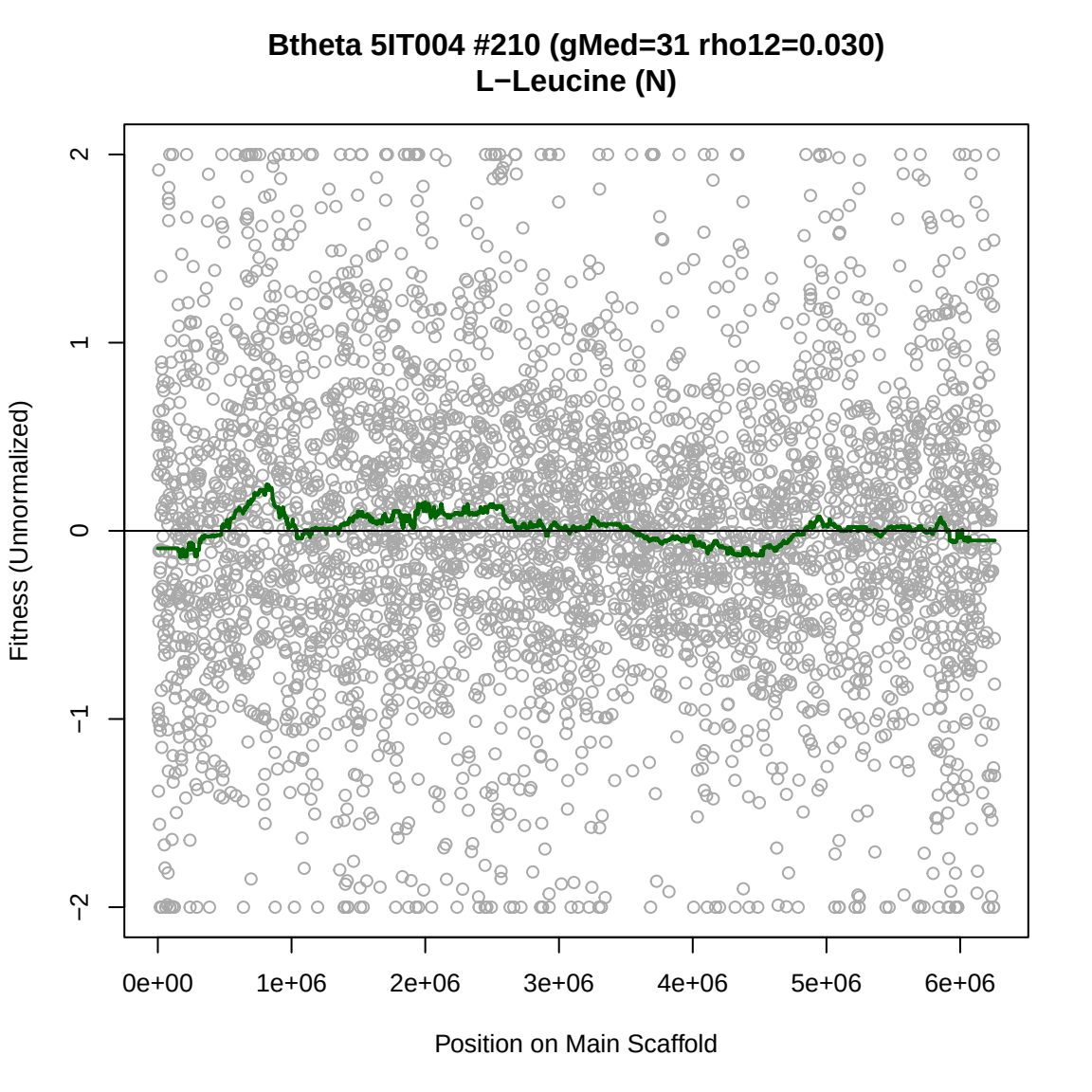

Btheta 4IT056 #205 (gMed=166 rho12=0.120)
D−Glucose (C) with 20 amino mix
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

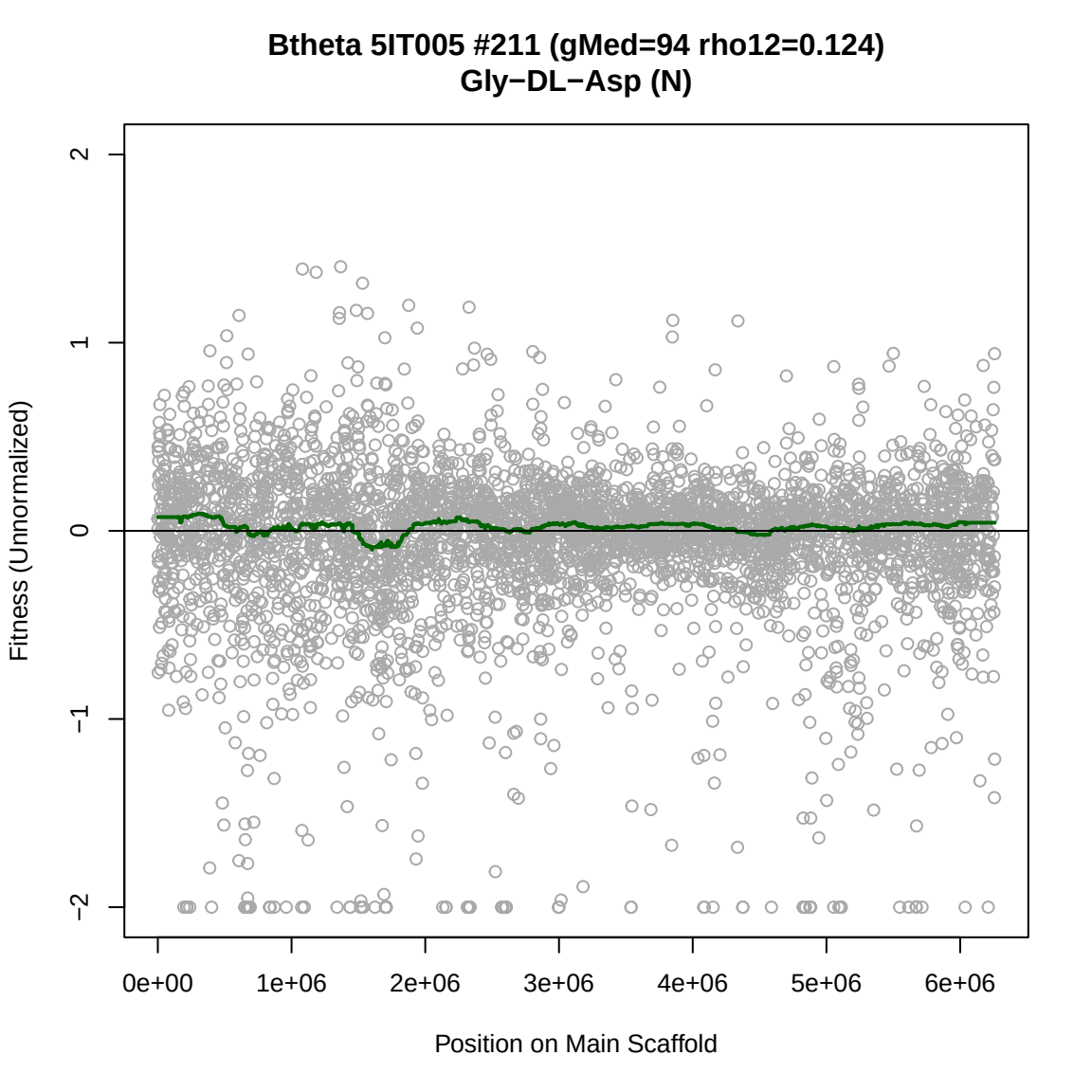

Btheta 4IT057 #206 (gMed=140 rho12=0.132)
D−Glucose (C) with 20 amino mix
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

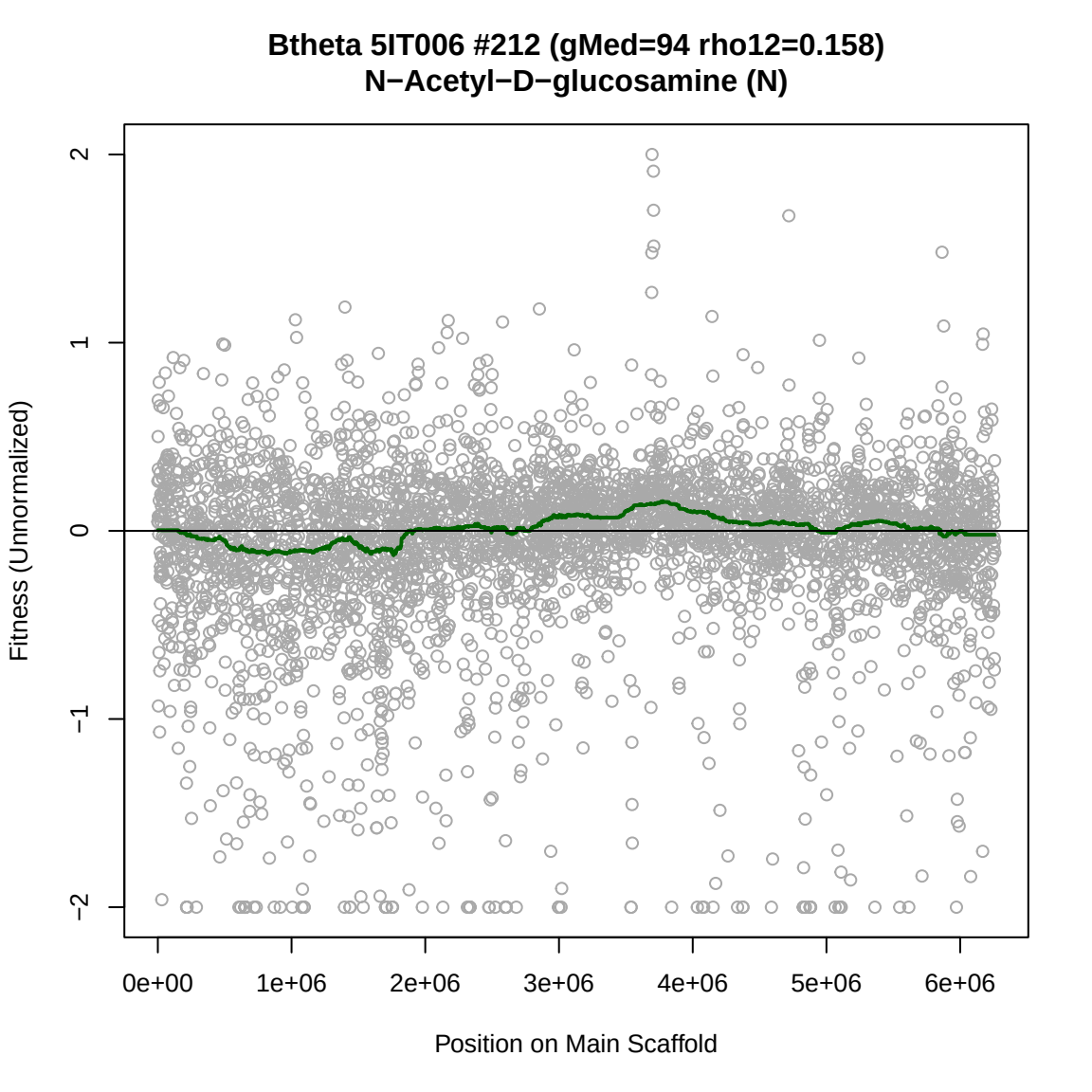

Btheta 5IT001 #207 (gMed=2 rho12=0.093)
L−aspartic (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

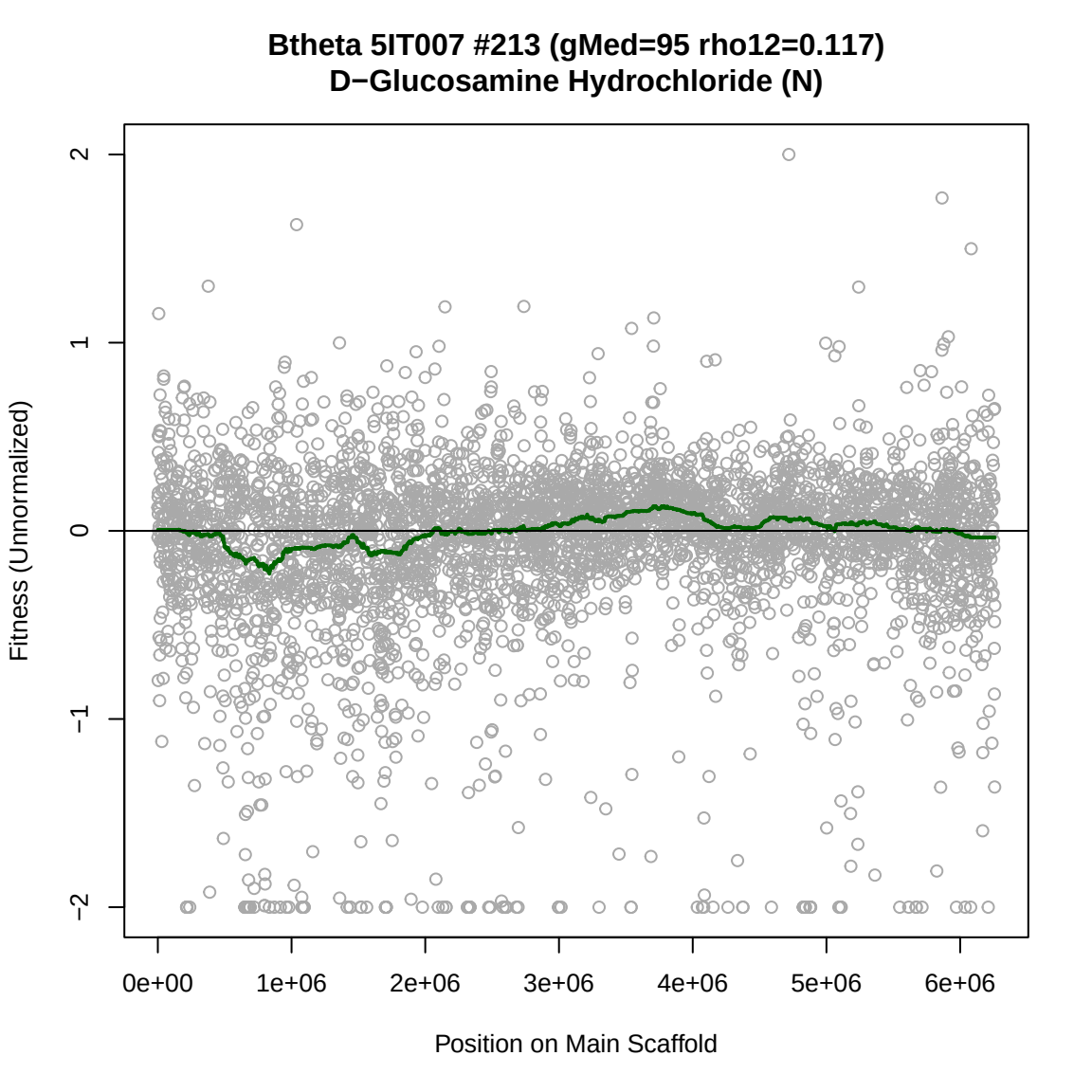

Btheta 5IT002 #208 (gMed=1 rho12=0.142)
L−Glutamine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

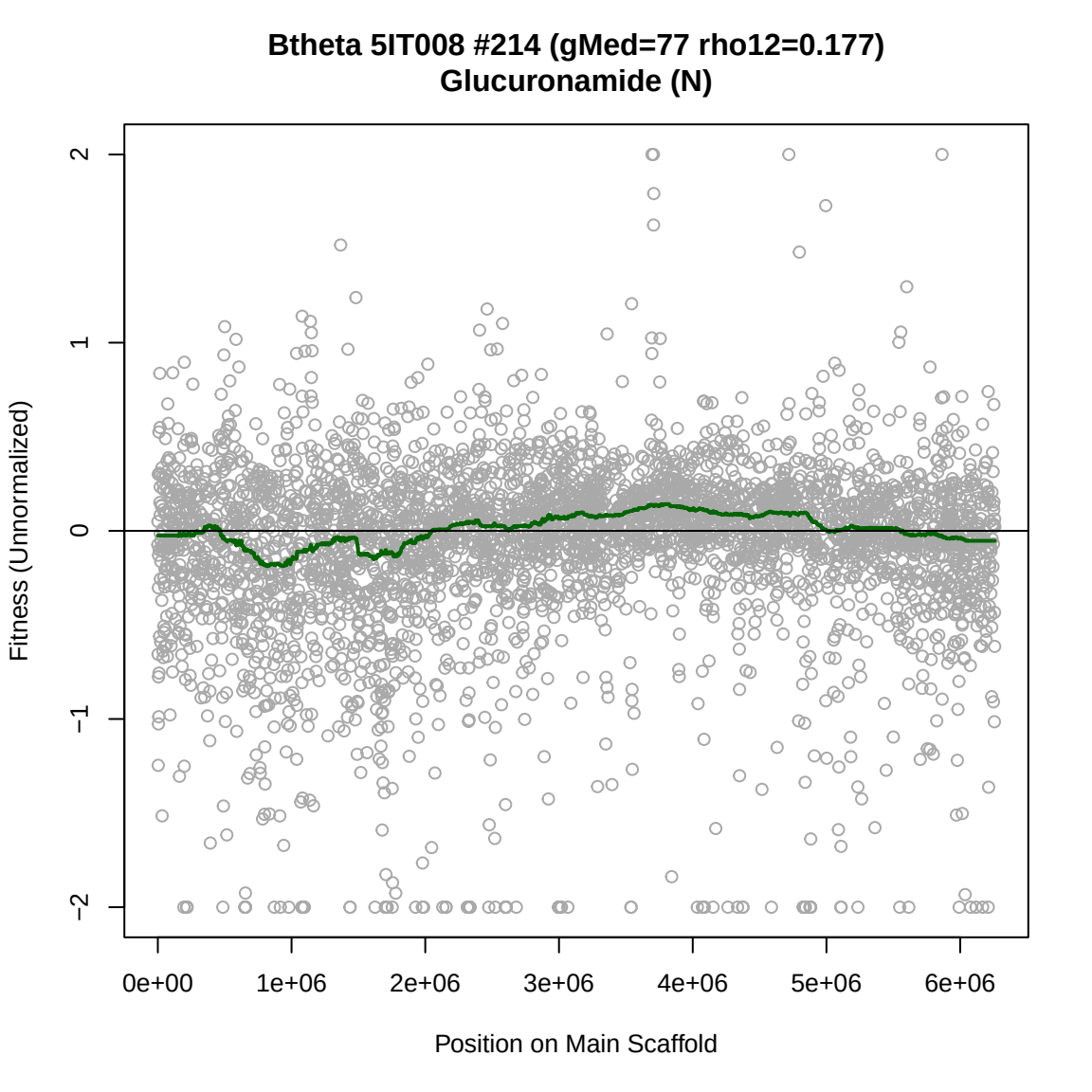

Btheta 5IT003 #209 (gMed=49 rho12=0.114)
Glycine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

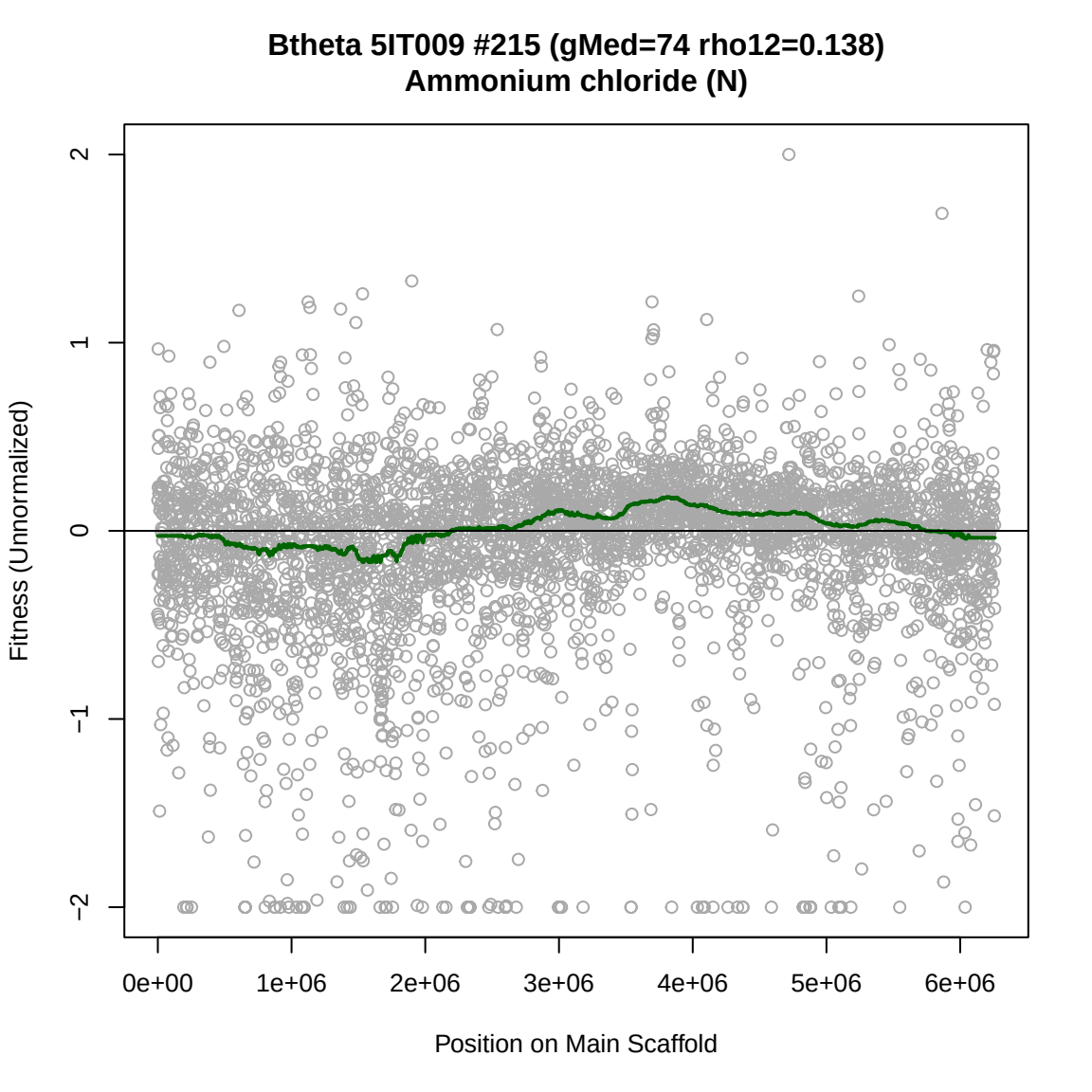

Btheta 5IT004 #210 (gMed=31 rho12=0.030)
L−Leucine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

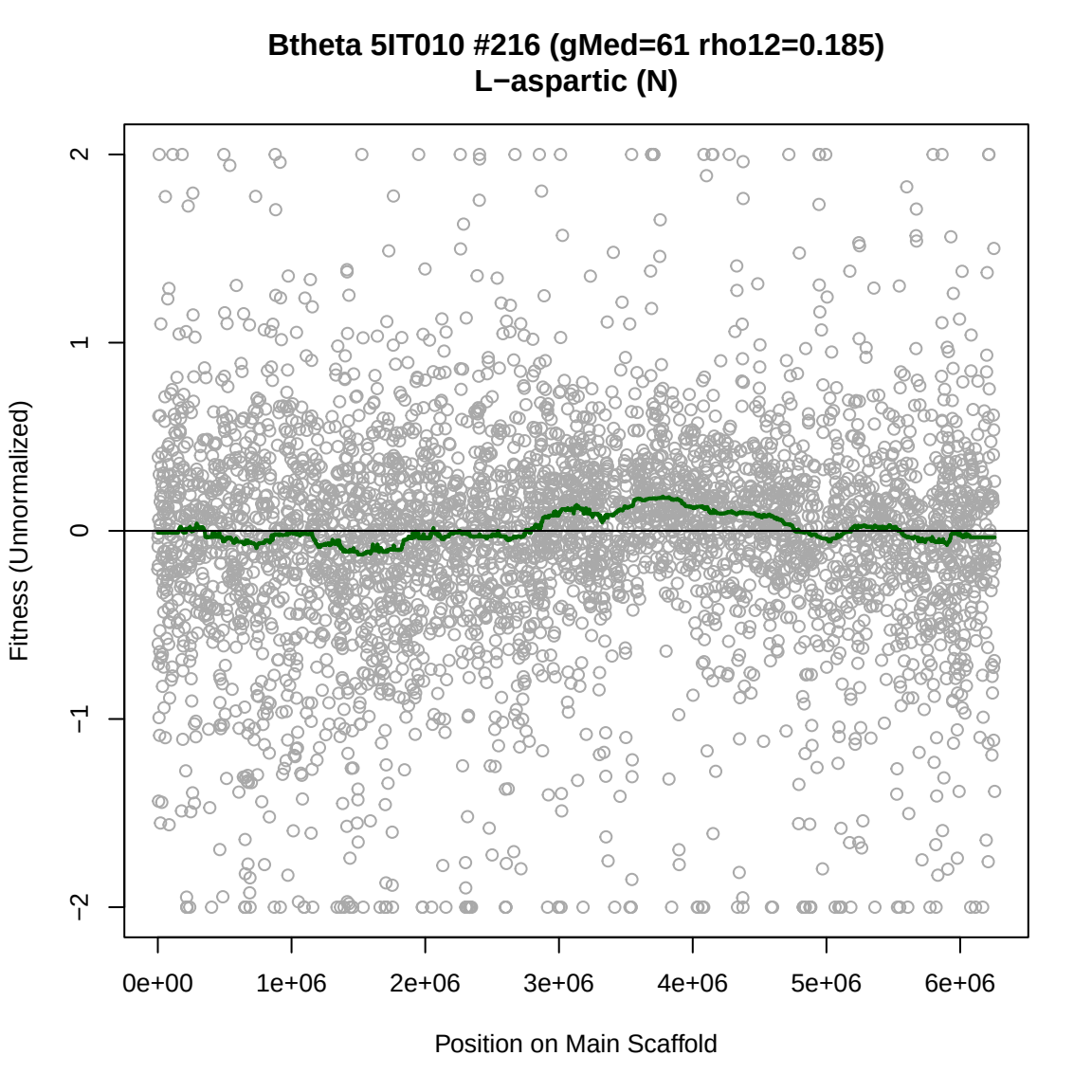

Btheta 5IT005 #211 (gMed=94 rho12=0.124)
Gly−DL−Asp (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

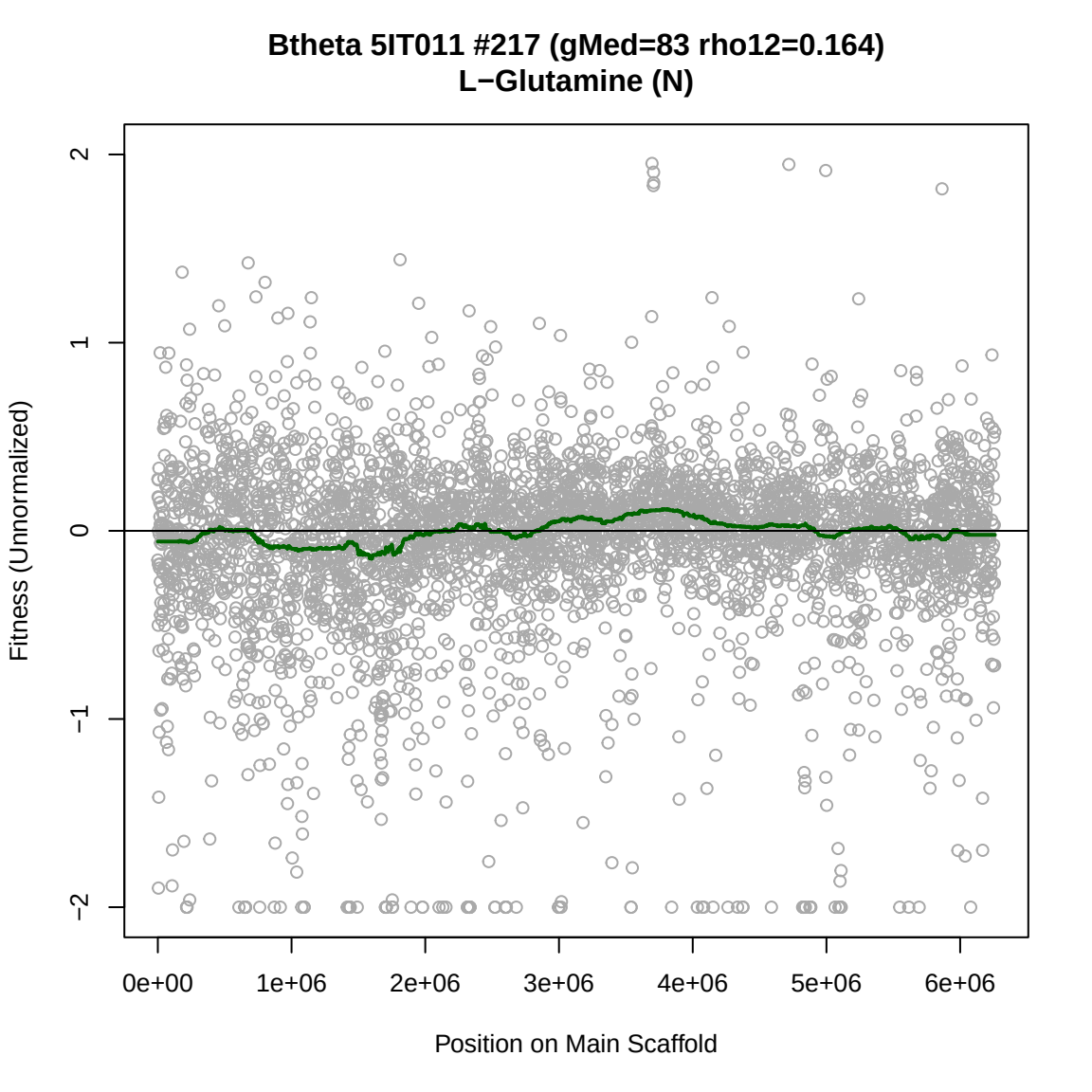

Btheta 5IT006 #212 (gMed=94 rho12=0.158)
N−Acetyl−D−glucosamine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

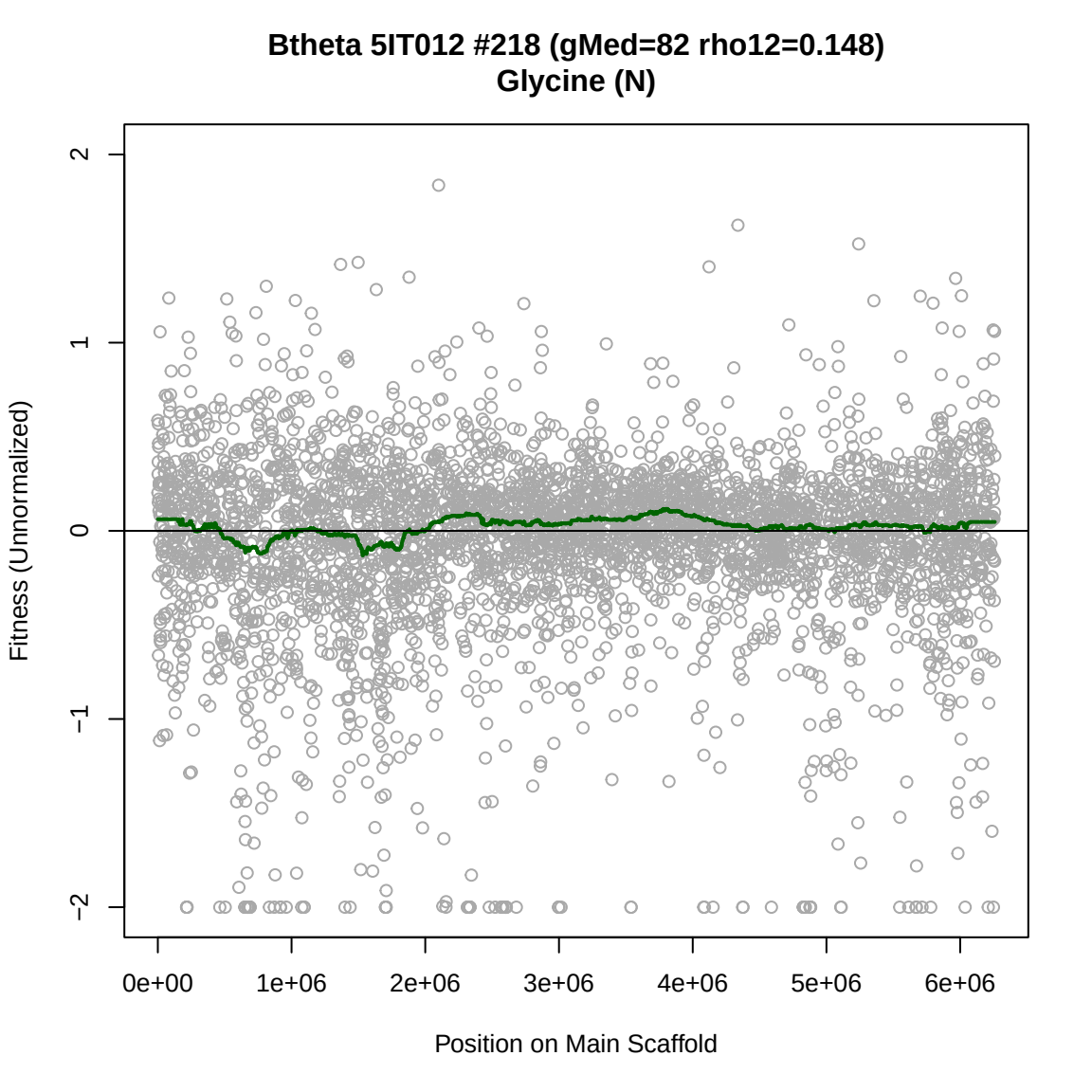

Btheta 5IT007 #213 (gMed=95 rho12=0.117)
D−Glucosamine Hydrochloride (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

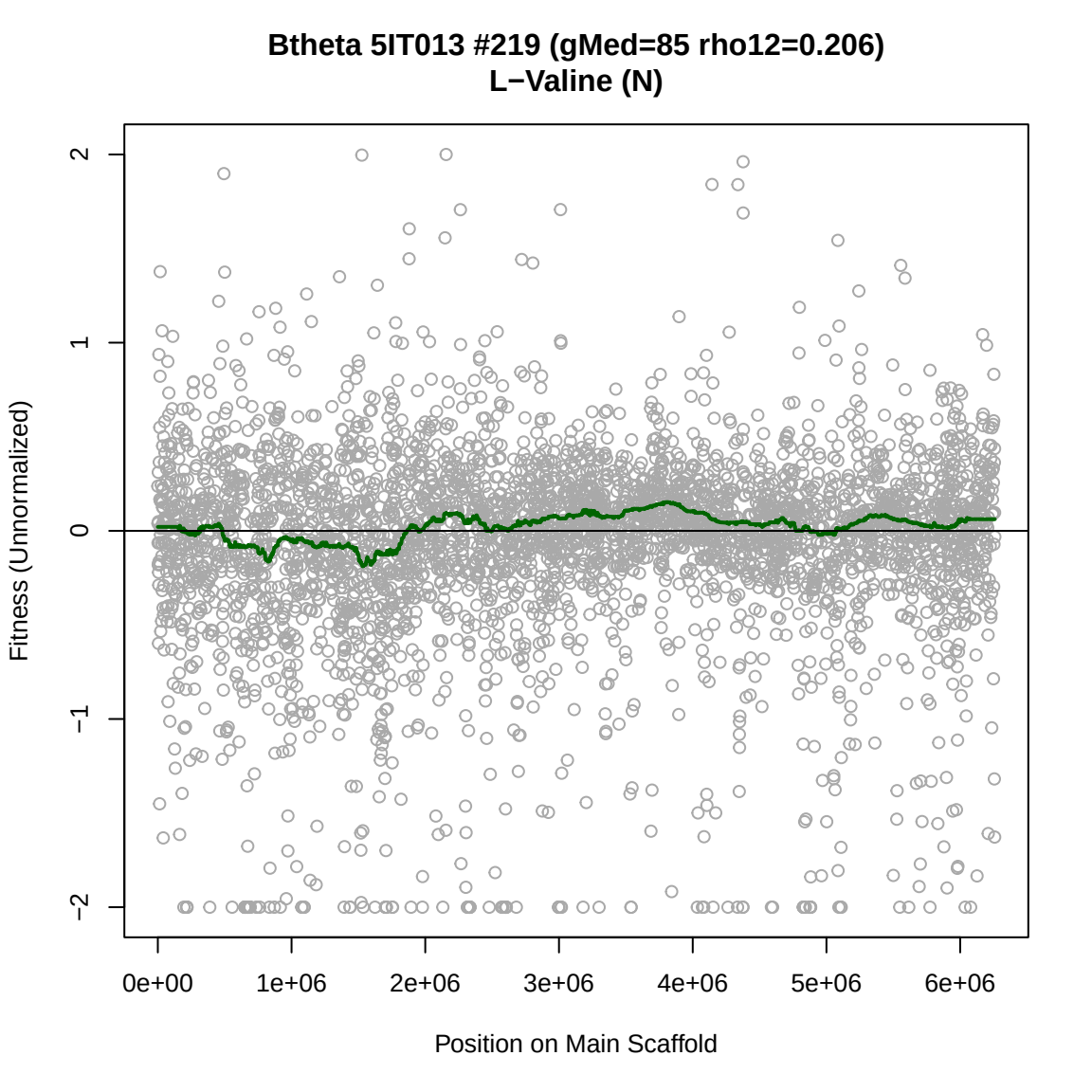

Btheta 5IT008 #214 (gMed=77 rho12=0.177)
Glucuronamide (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

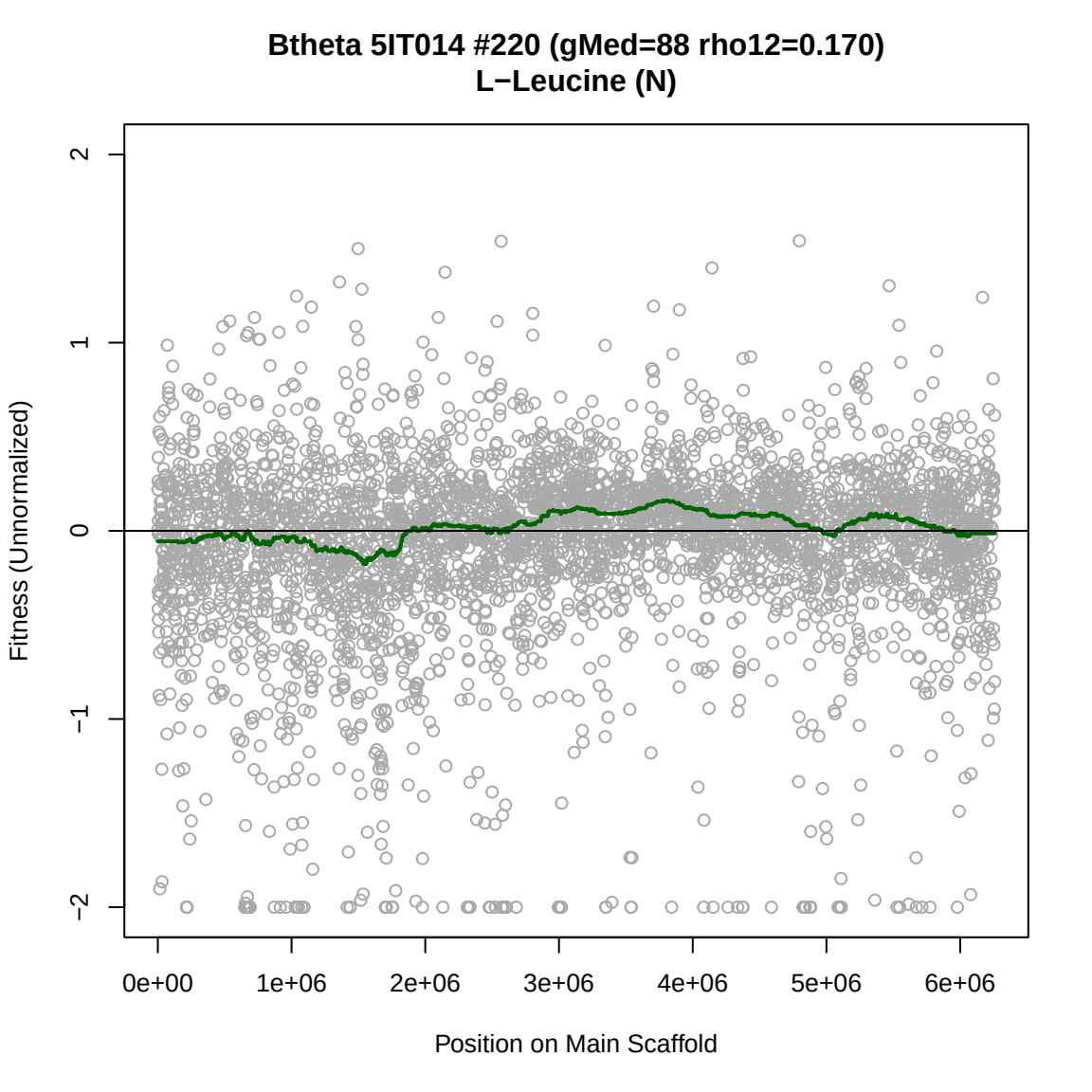

Btheta 5IT009 #215 (gMed=74 rho12=0.138)
Ammonium chloride (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

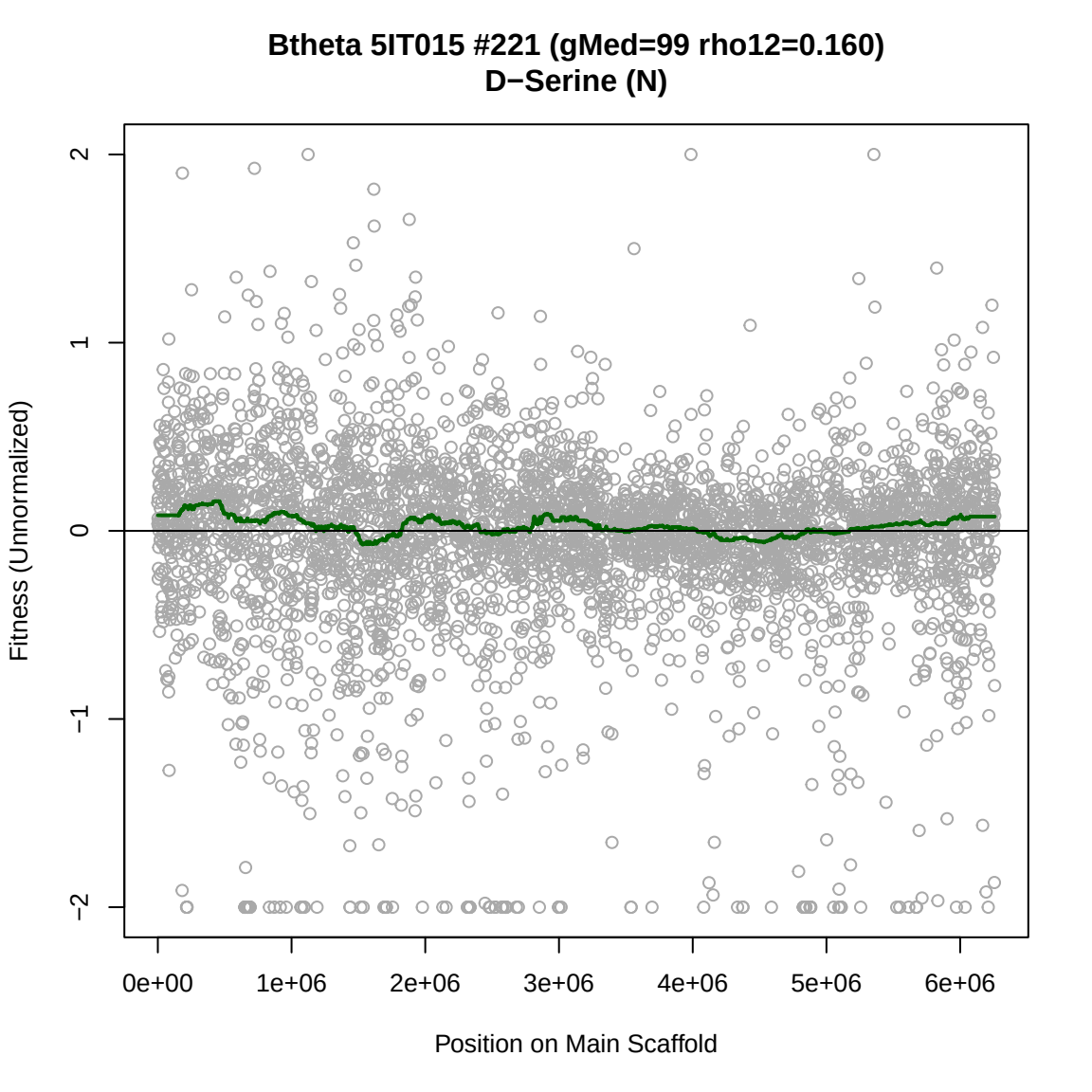

Btheta 5IT010 #216 (gMed=61 rho12=0.185)
L−aspartic (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

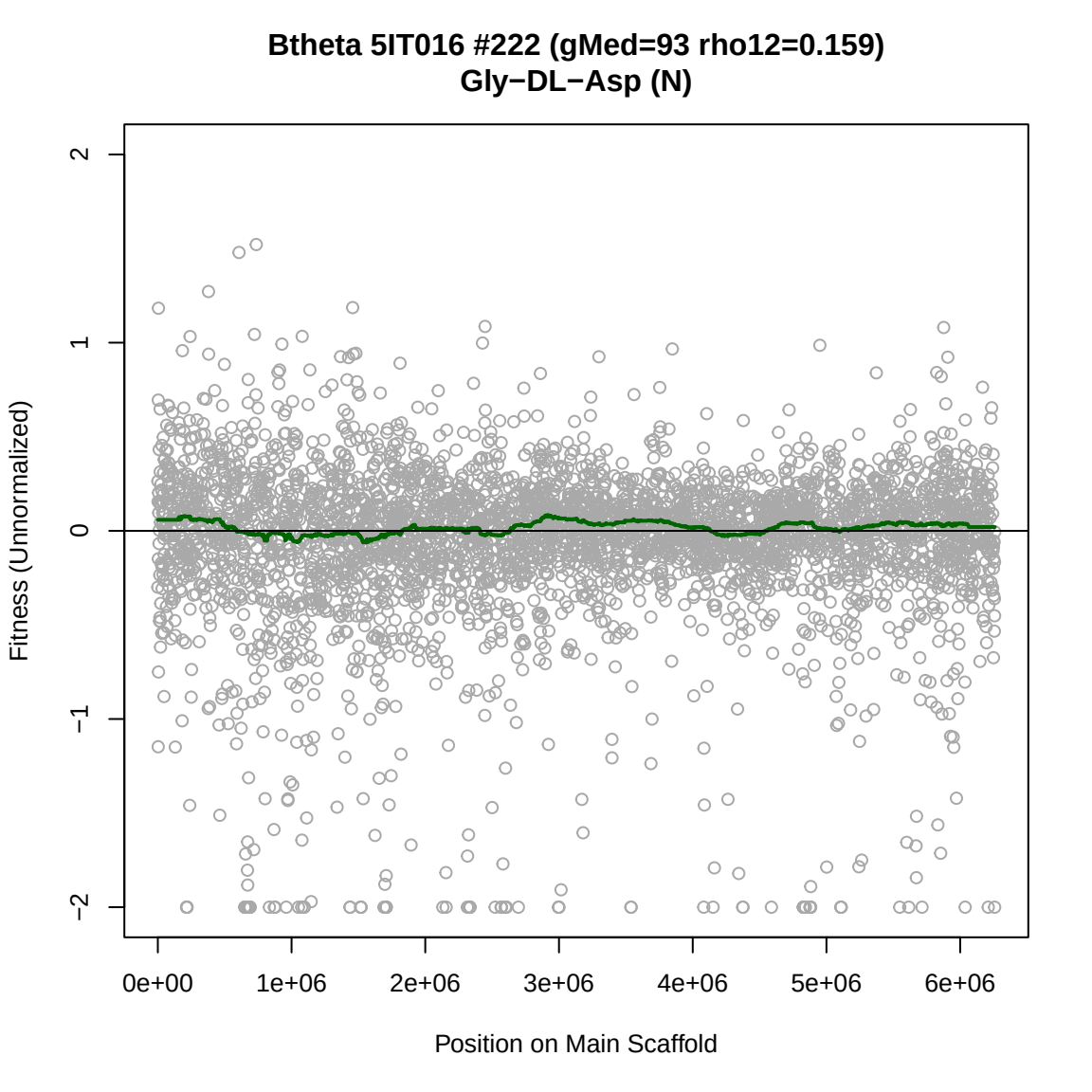

Btheta 5IT011 #217 (gMed=83 rho12=0.164)
L−Glutamine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

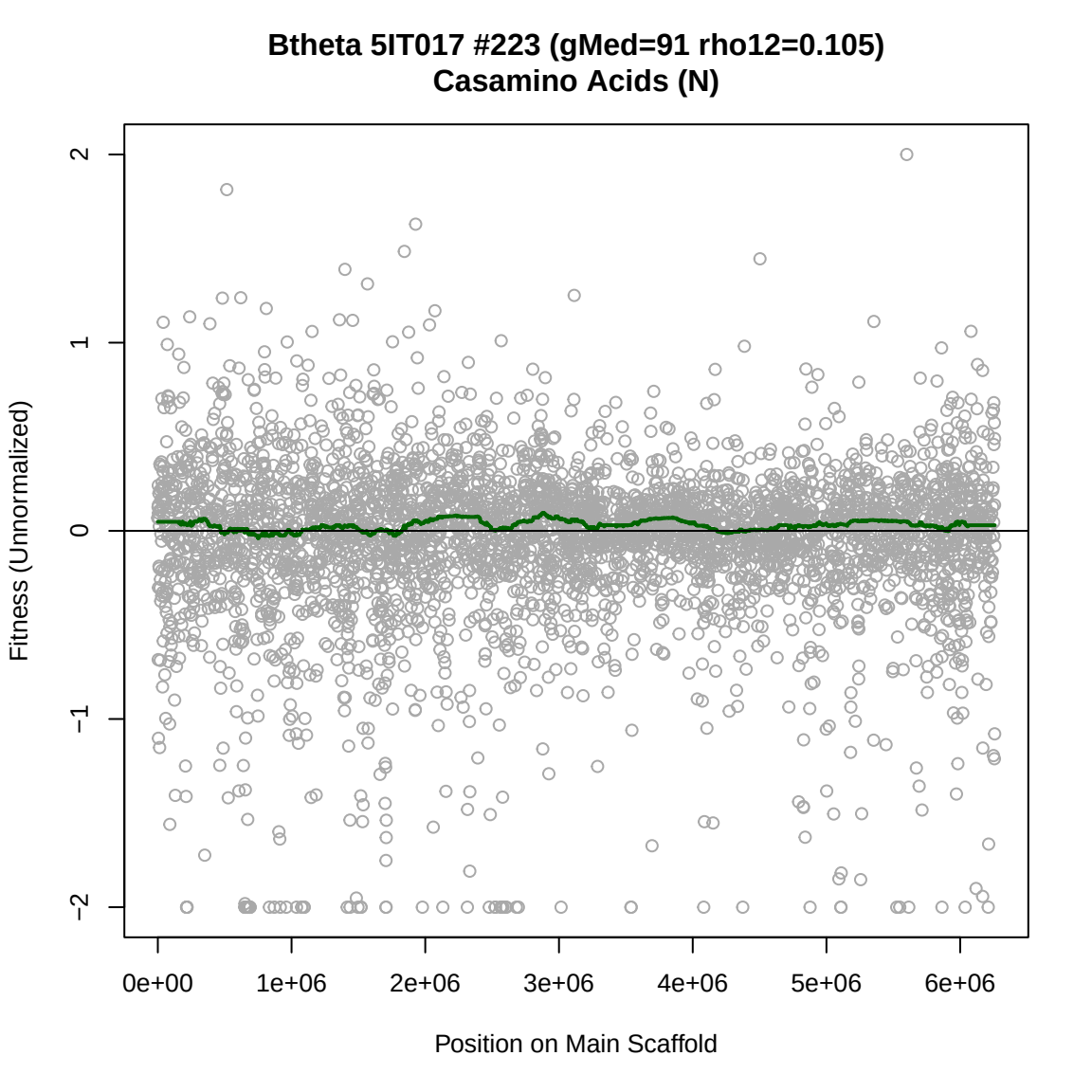

Btheta 5IT012 #218 (gMed=82 rho12=0.148)
Glycine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

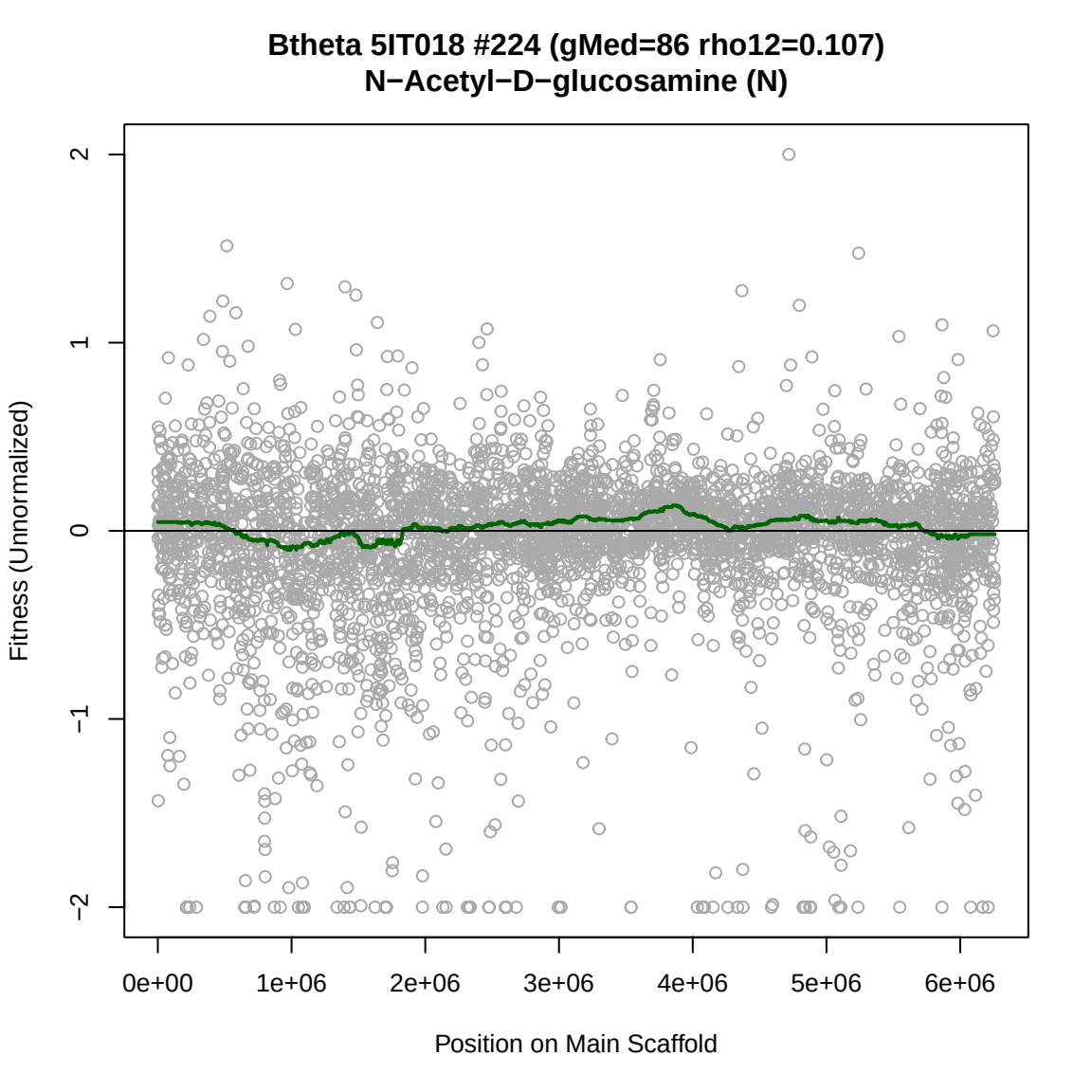

Btheta 5IT013 #219 (gMed=85 rho12=0.206)
L−Valine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

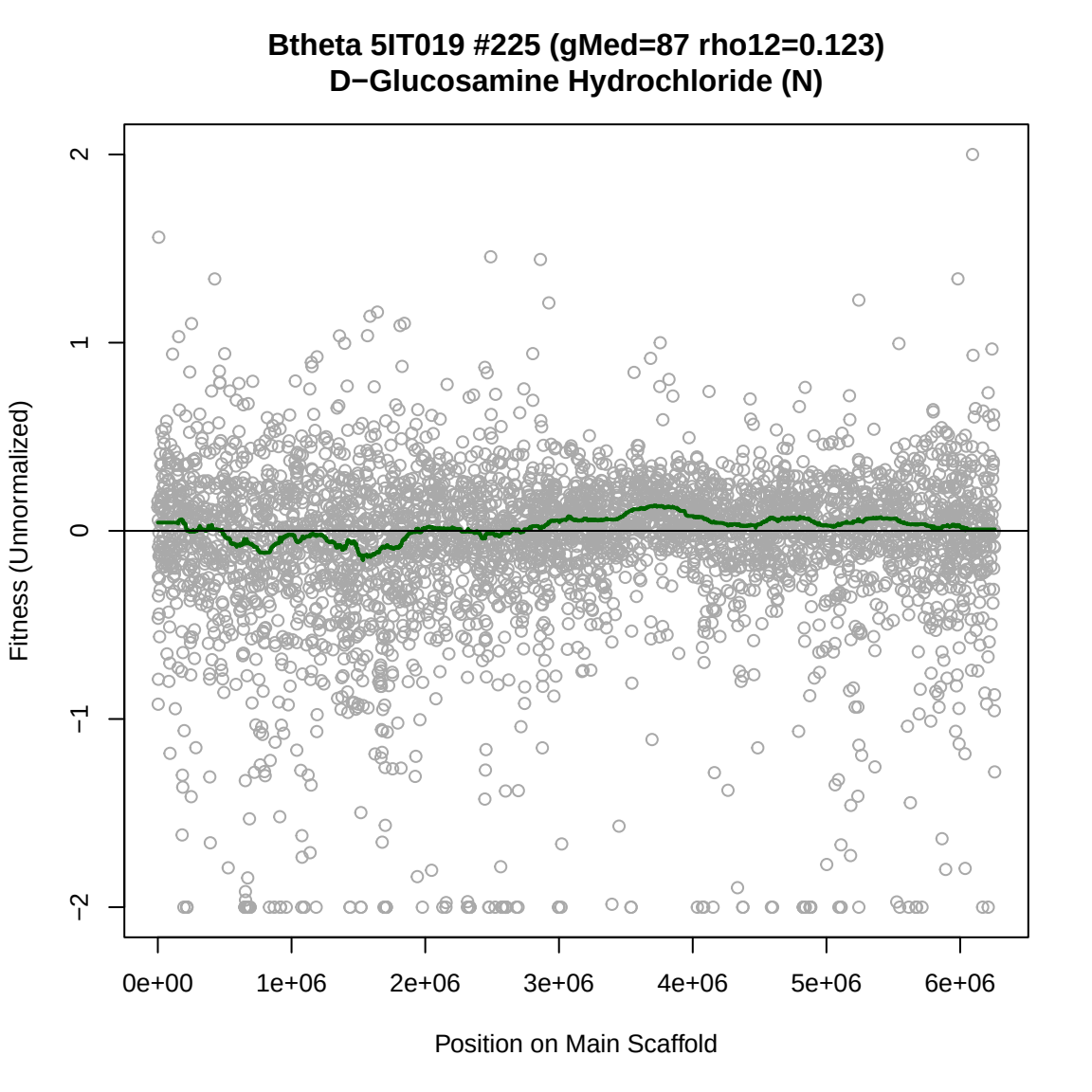

Btheta 5IT014 #220 (gMed=88 rho12=0.170)
L−Leucine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

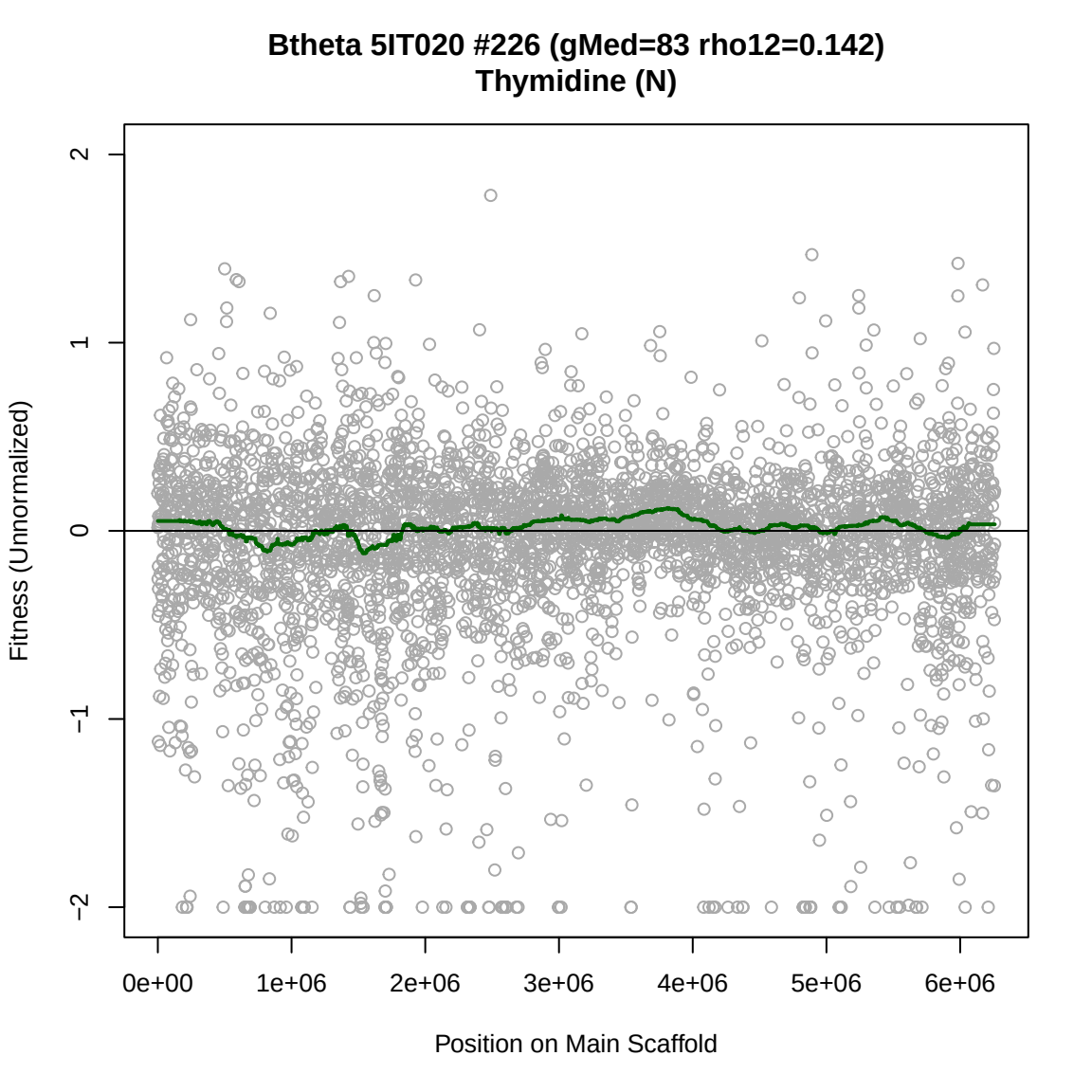

Btheta 5IT015 #221 (gMed=99 rho12=0.160)
D−Serine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

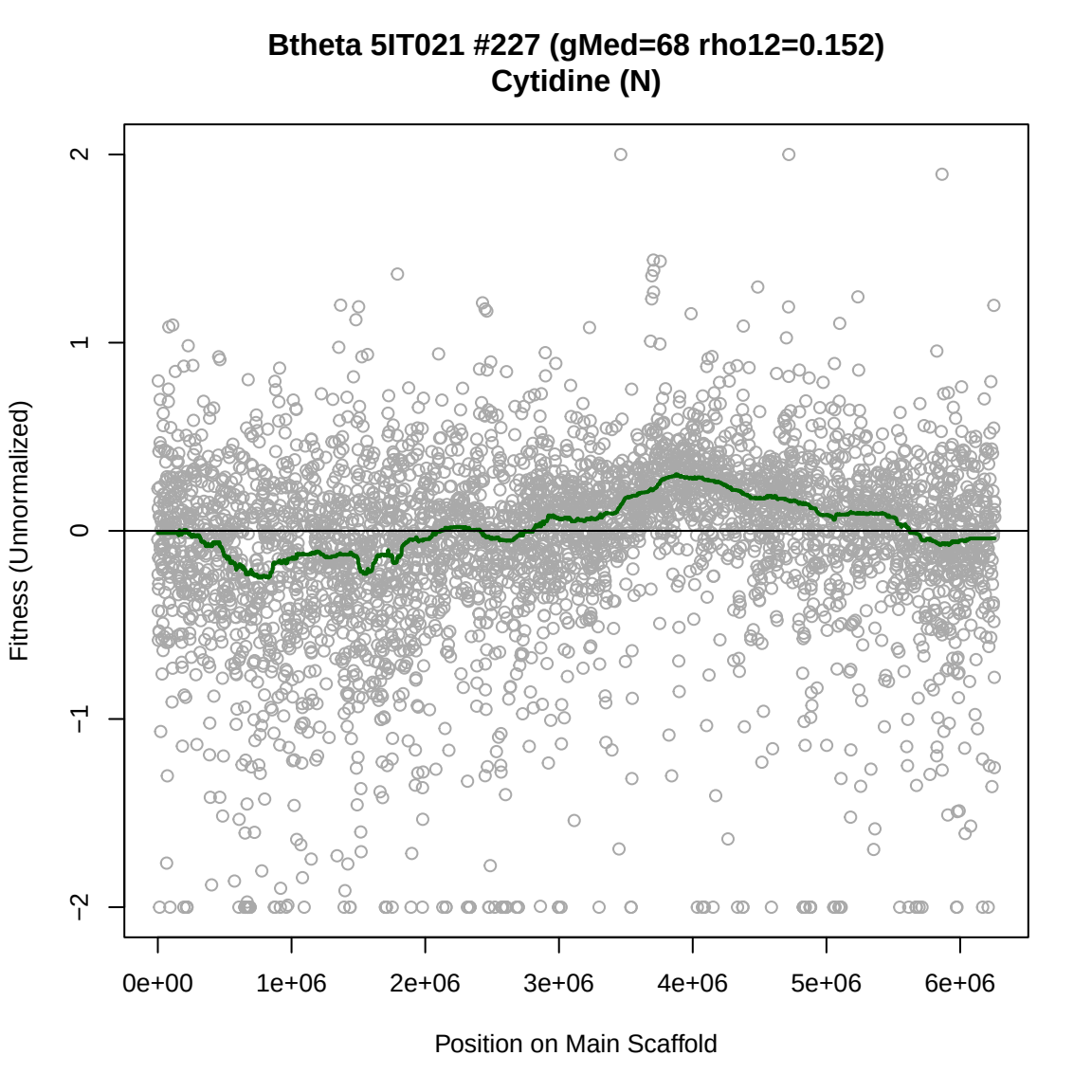

Btheta 5IT016 #222 (gMed=93 rho12=0.159)
Gly−DL−Asp (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

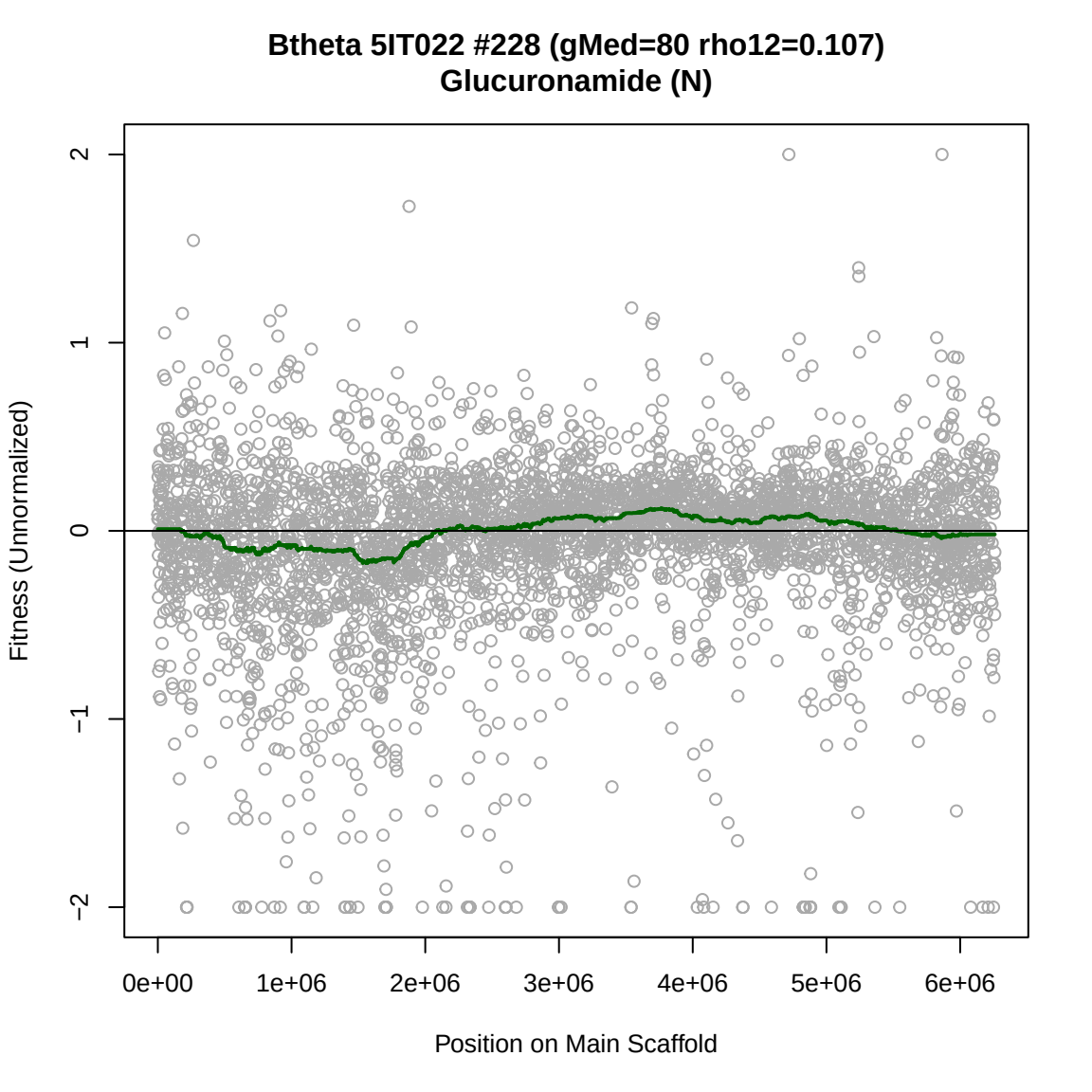

Btheta 5IT017 #223 (gMed=91 rho12=0.105)
Casamino Acids (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

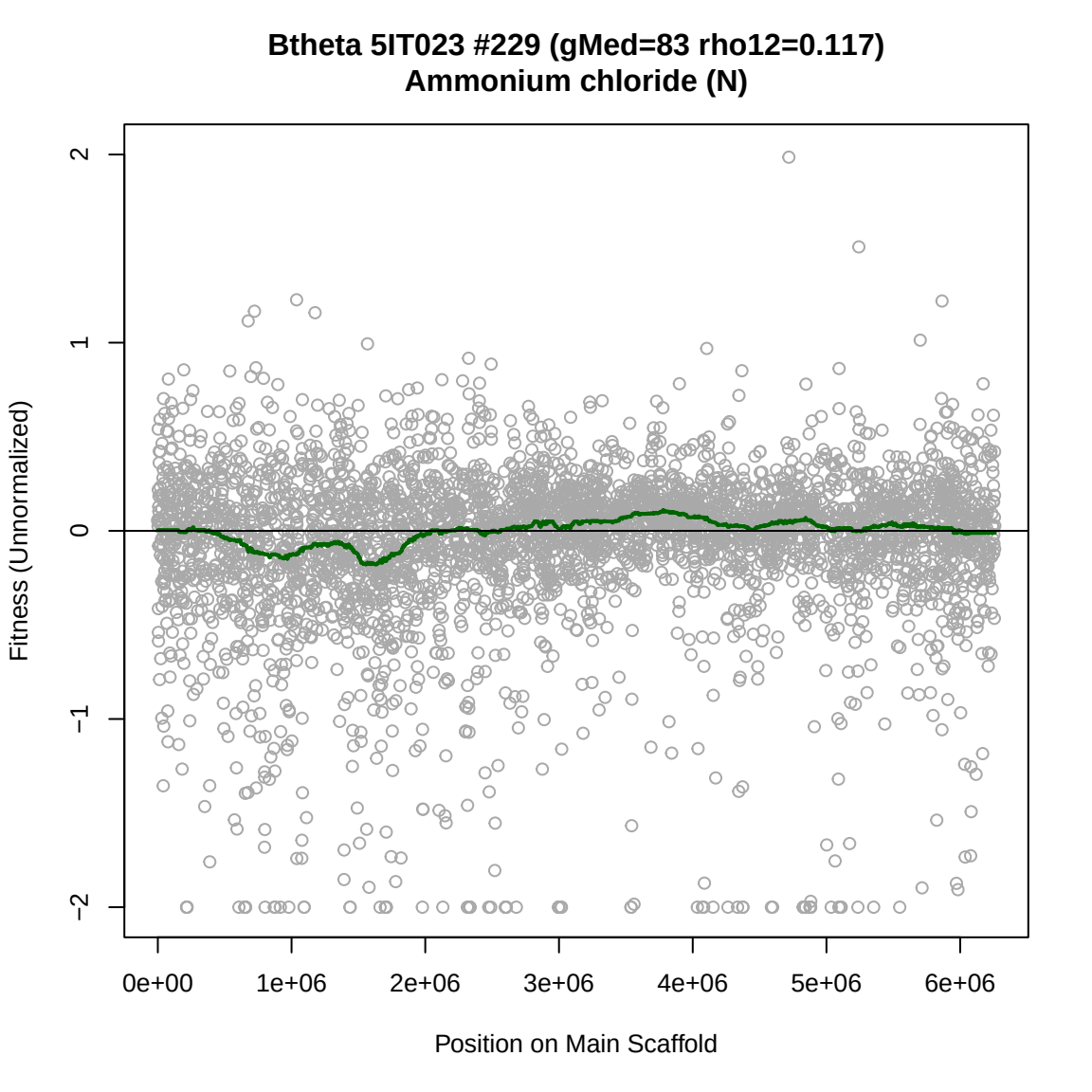

Btheta 5IT018 #224 (gMed=86 rho12=0.107)
N−Acetyl−D−glucosamine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

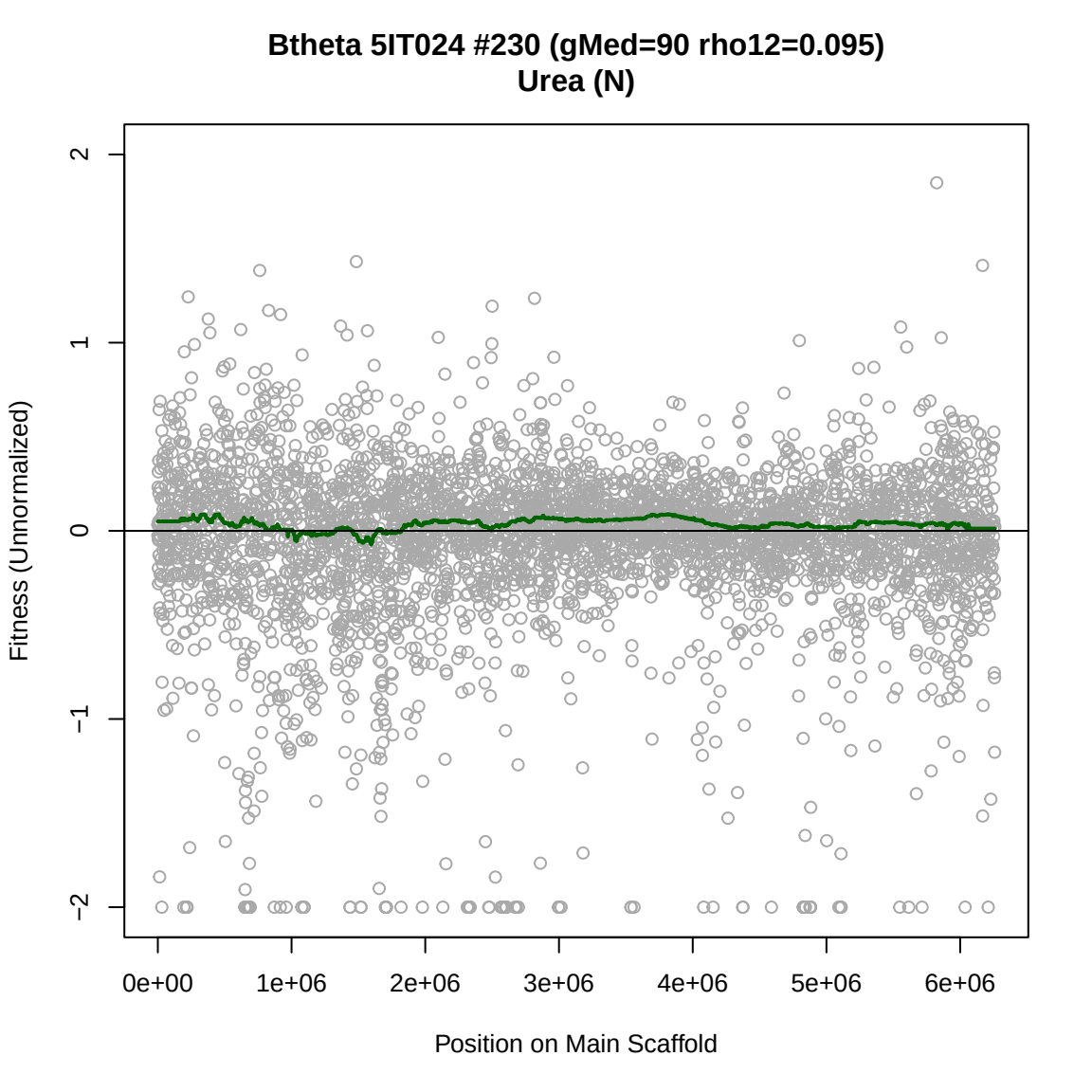

Btheta 5IT019 #225 (gMed=87 rho12=0.123)
D−Glucosamine Hydrochloride (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

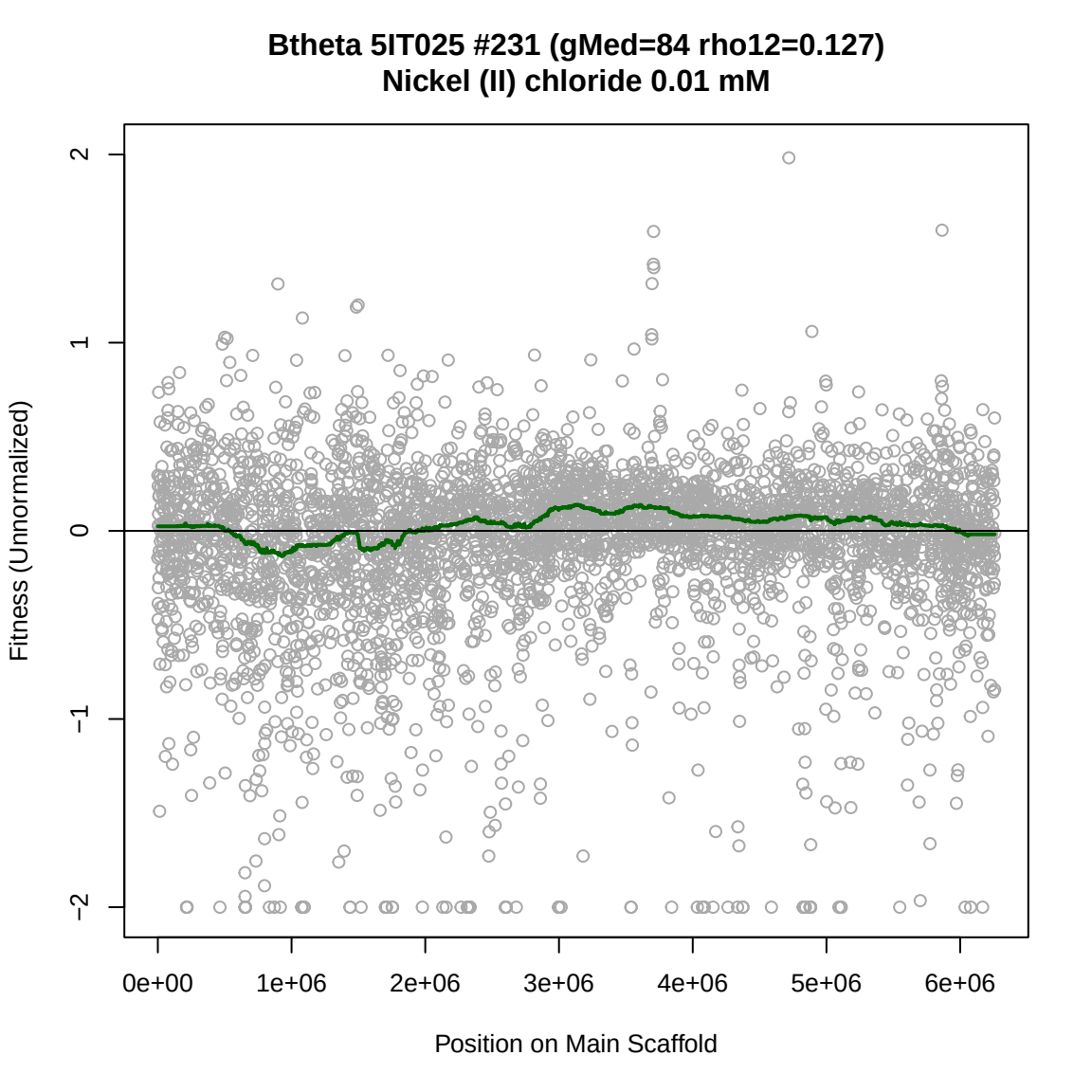

Btheta 5IT020 #226 (gMed=83 rho12=0.142)
Thymidine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

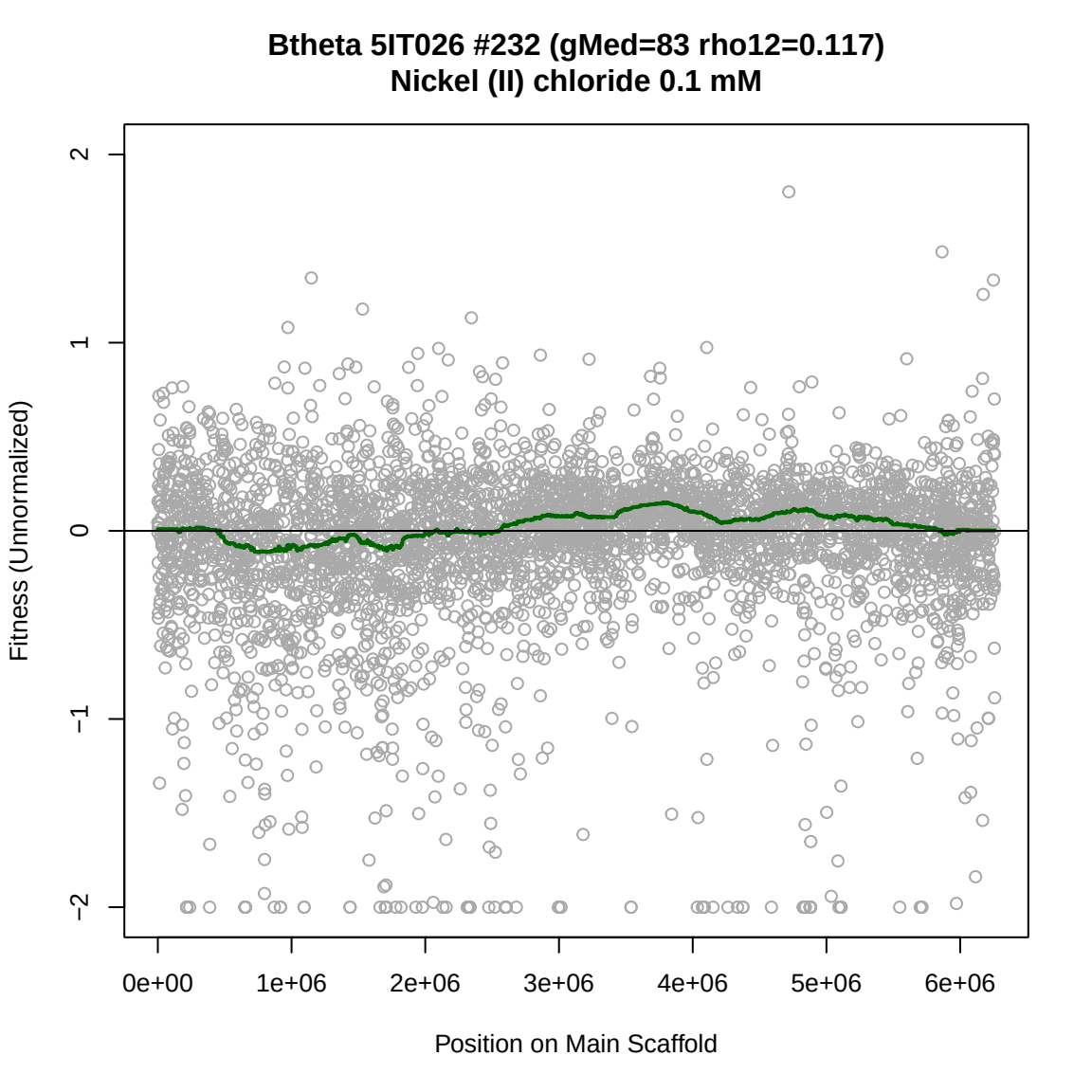

Btheta 5IT021 #227 (gMed=68 rho12=0.152)
Cytidine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

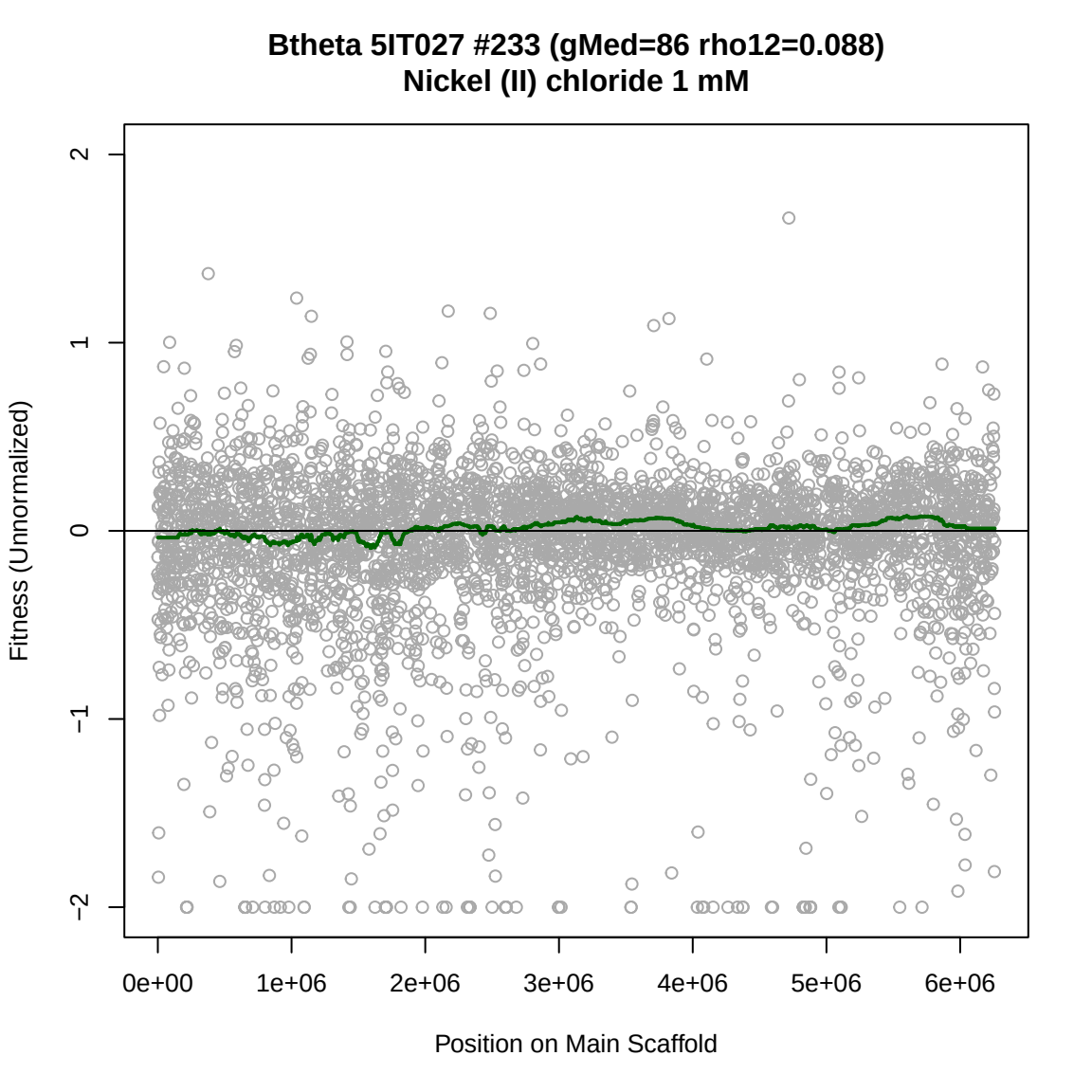

Btheta 5IT022 #228 (gMed=80 rho12=0.107)
Glucuronamide (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

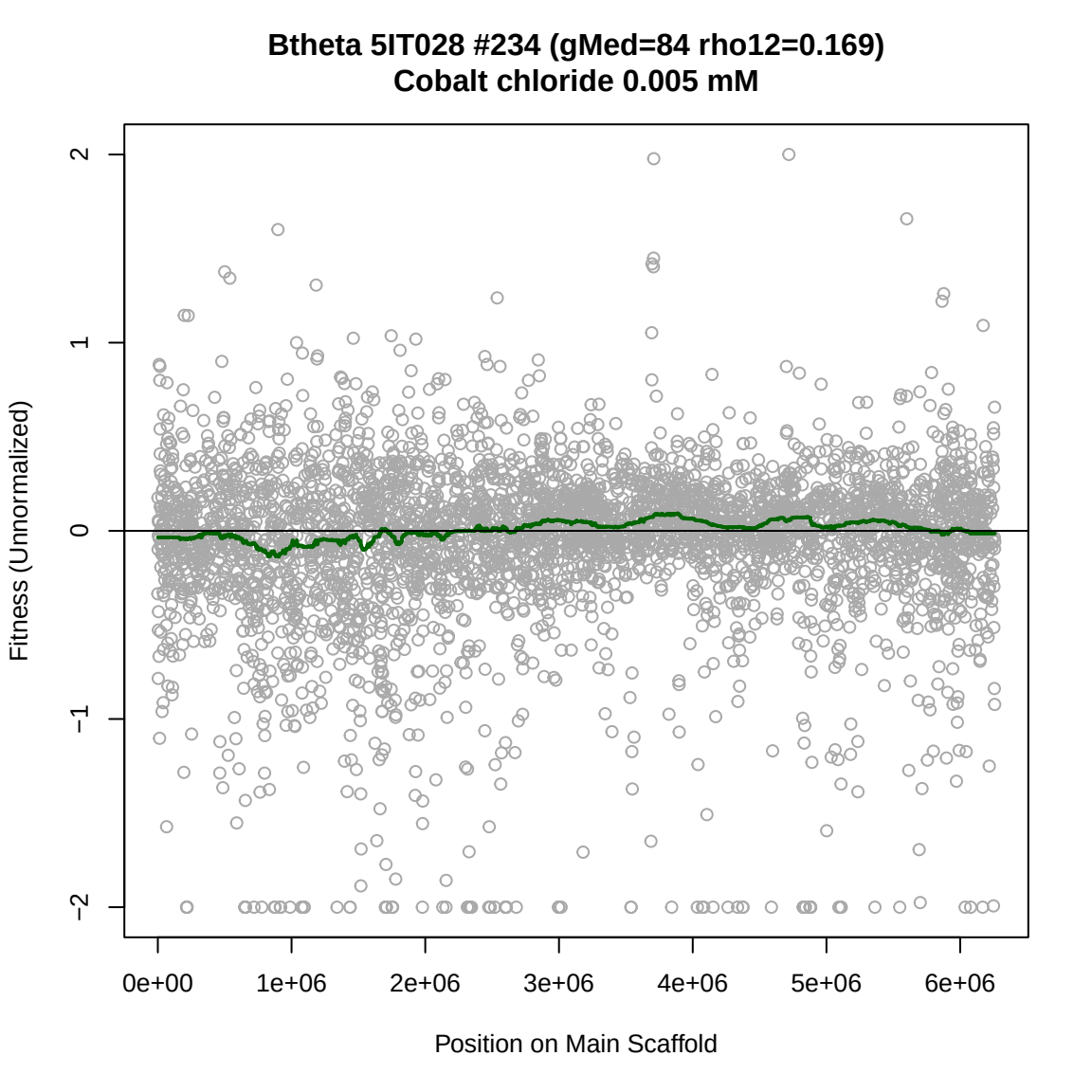

Btheta 5IT023 #229 (gMed=83 rho12=0.117)
Ammonium chloride (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

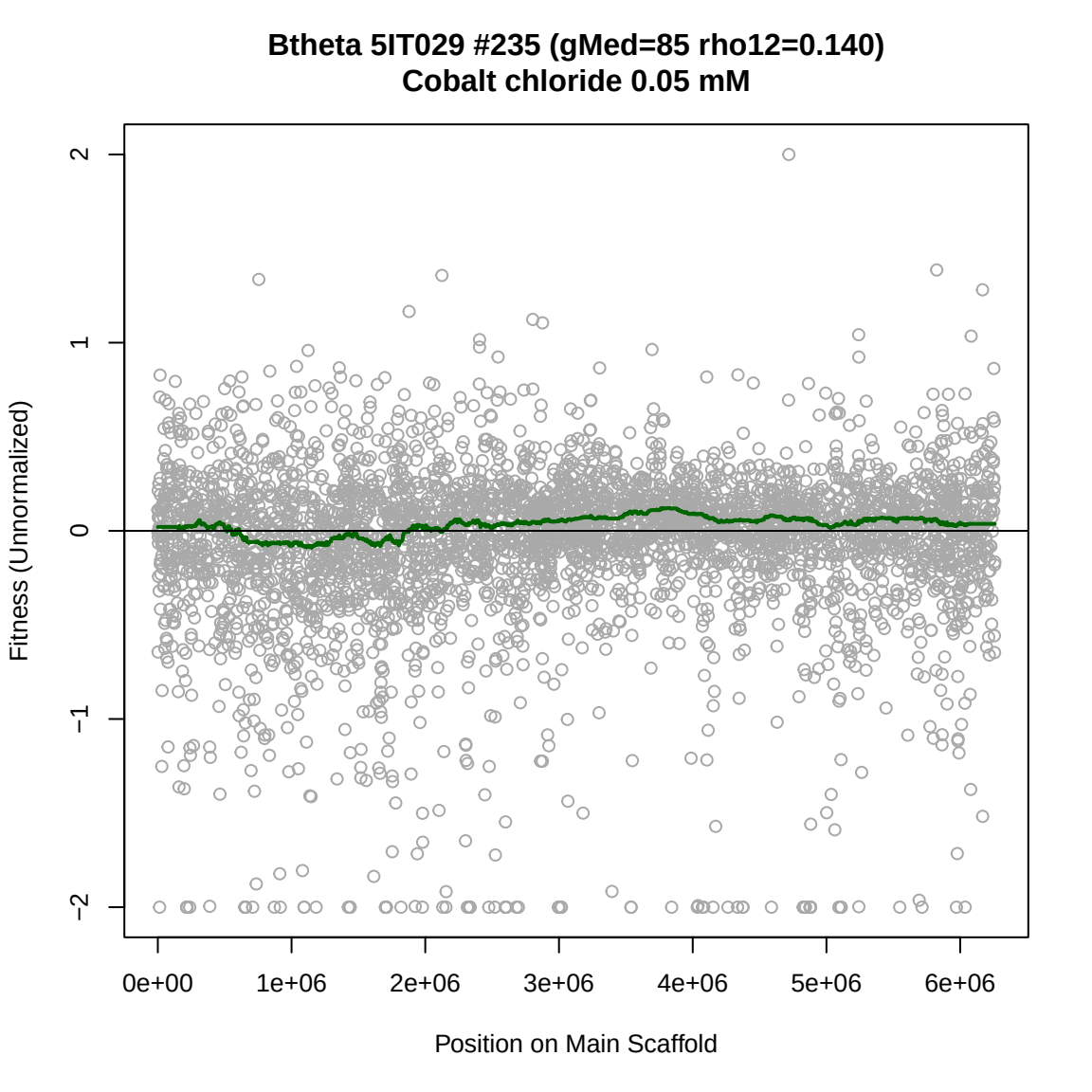

Btheta 5IT024 #230 (gMed=90 rho12=0.095)
Urea (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

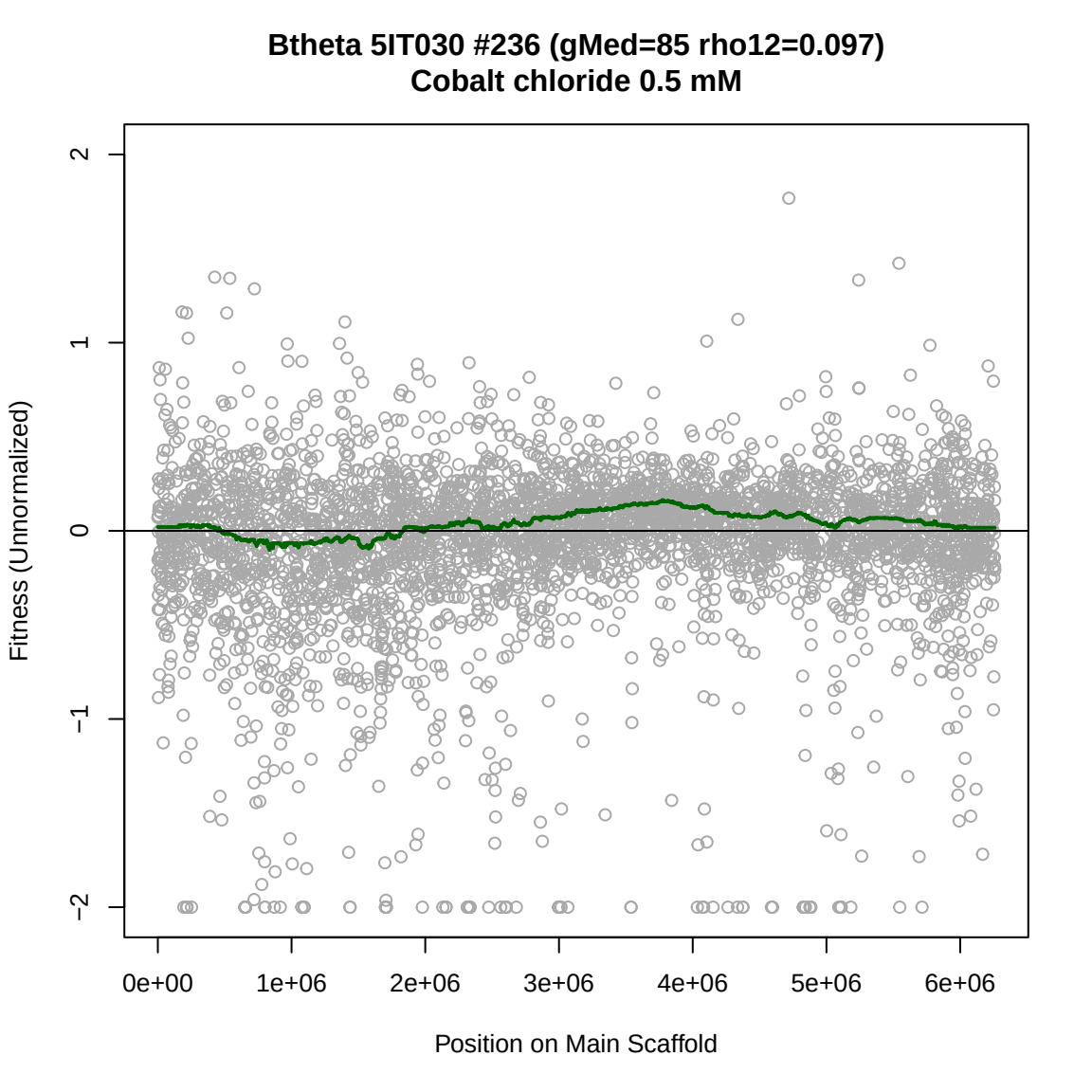

Btheta 5IT025 #231 (gMed=84 rho12=0.127)
Nickel (II) chloride 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

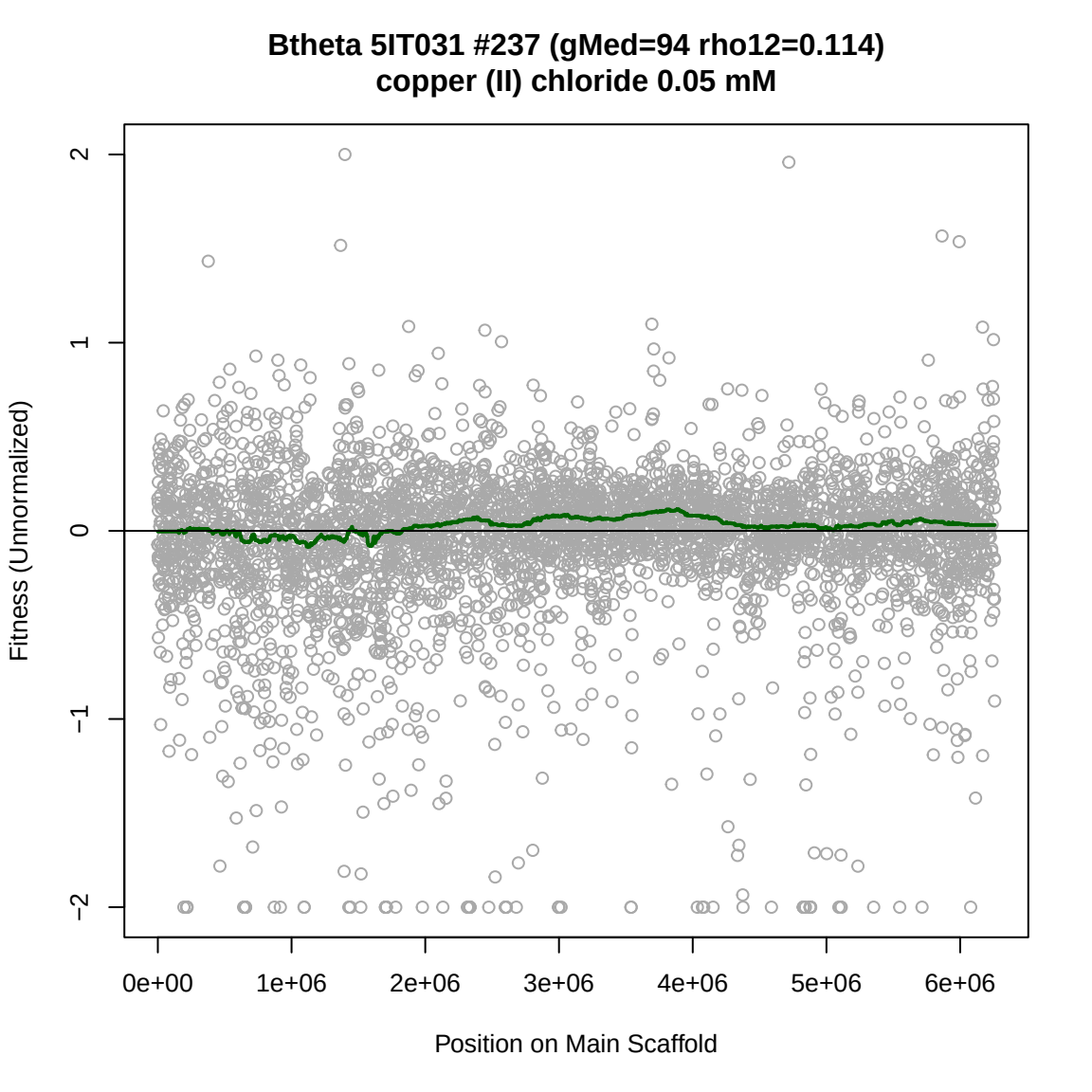

Btheta 5IT026 #232 (gMed=83 rho12=0.117)
Nickel (II) chloride 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

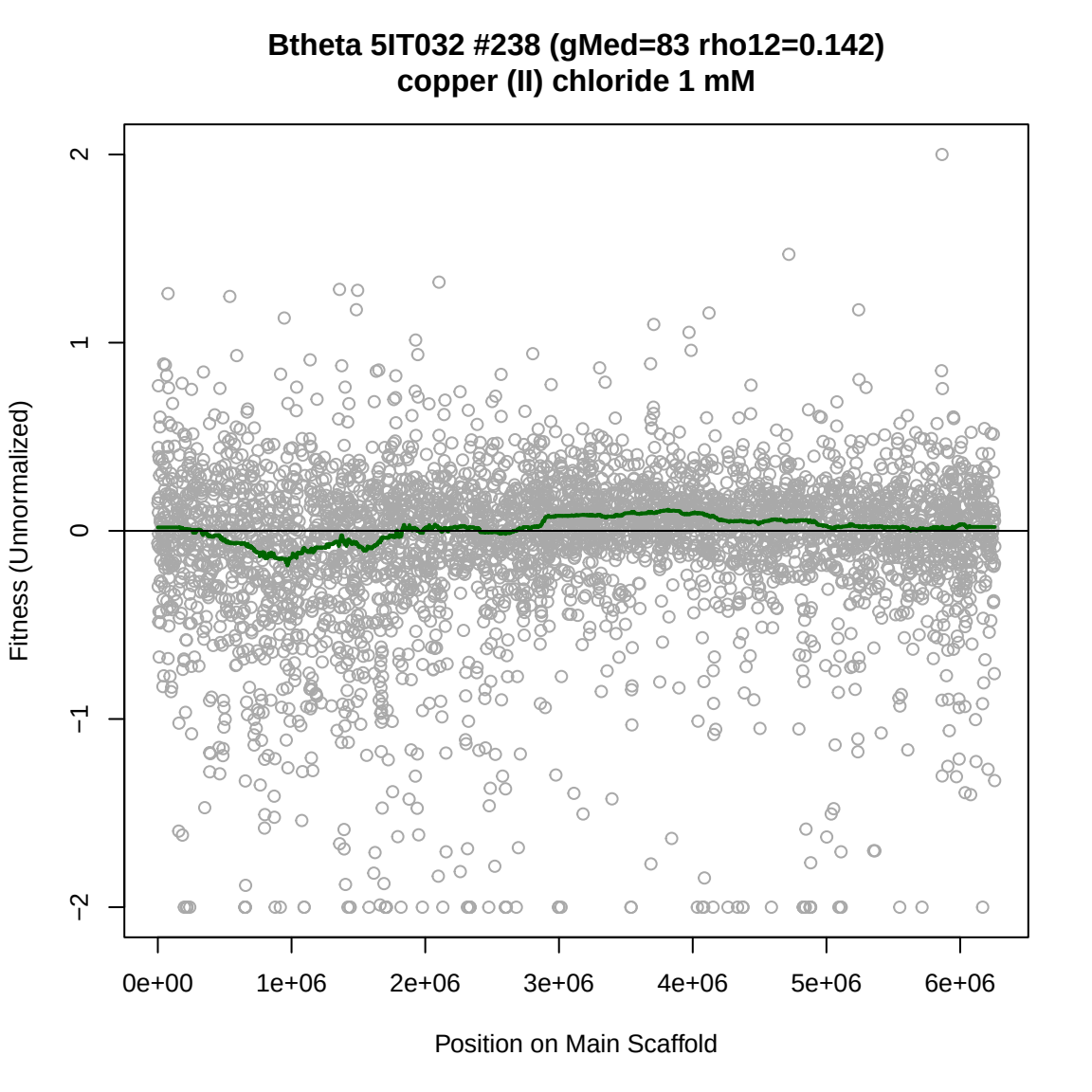

Btheta 5IT027 #233 (gMed=86 rho12=0.088)
Nickel (II) chloride 1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

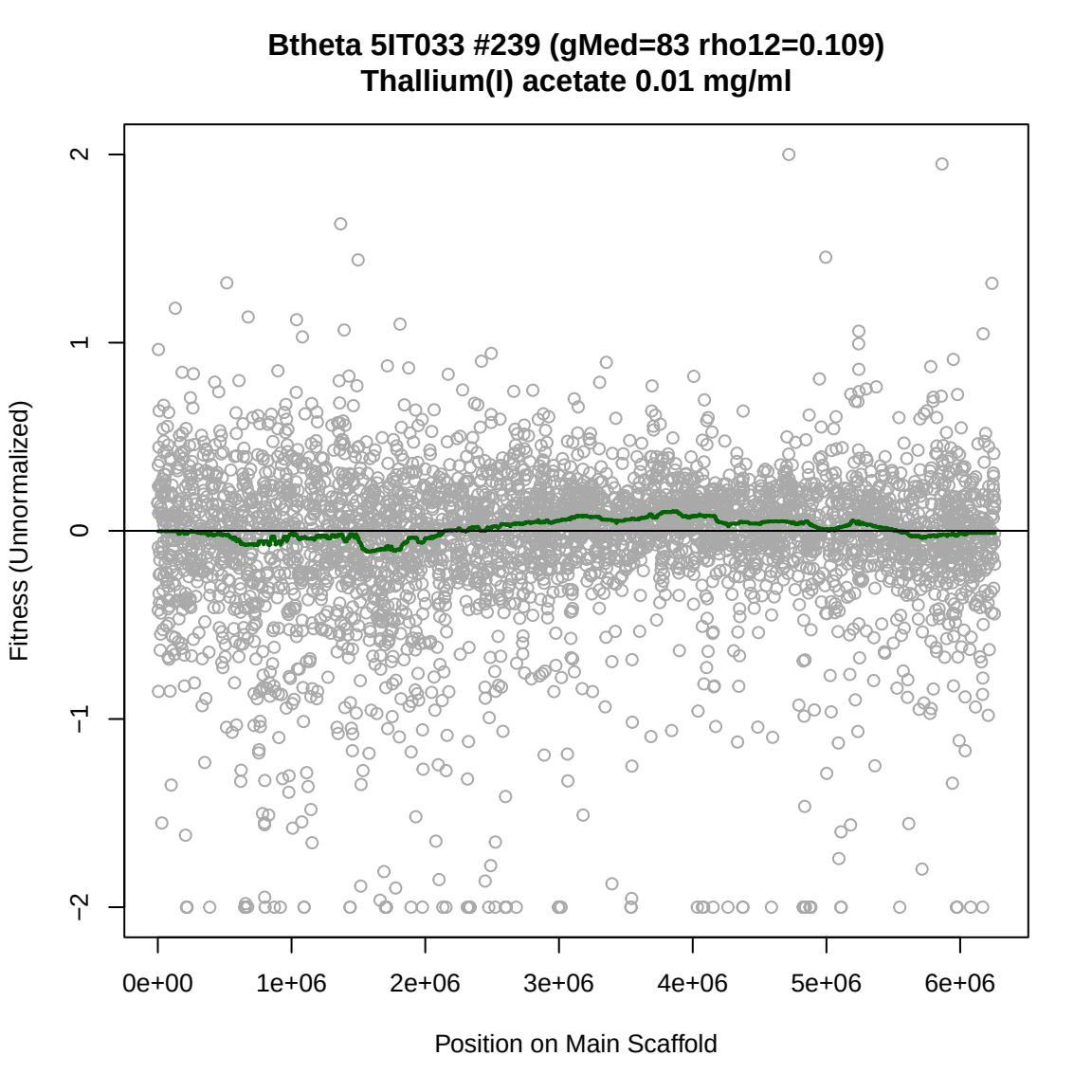

Btheta 5IT028 #234 (gMed=84 rho12=0.169)
Cobalt chloride 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

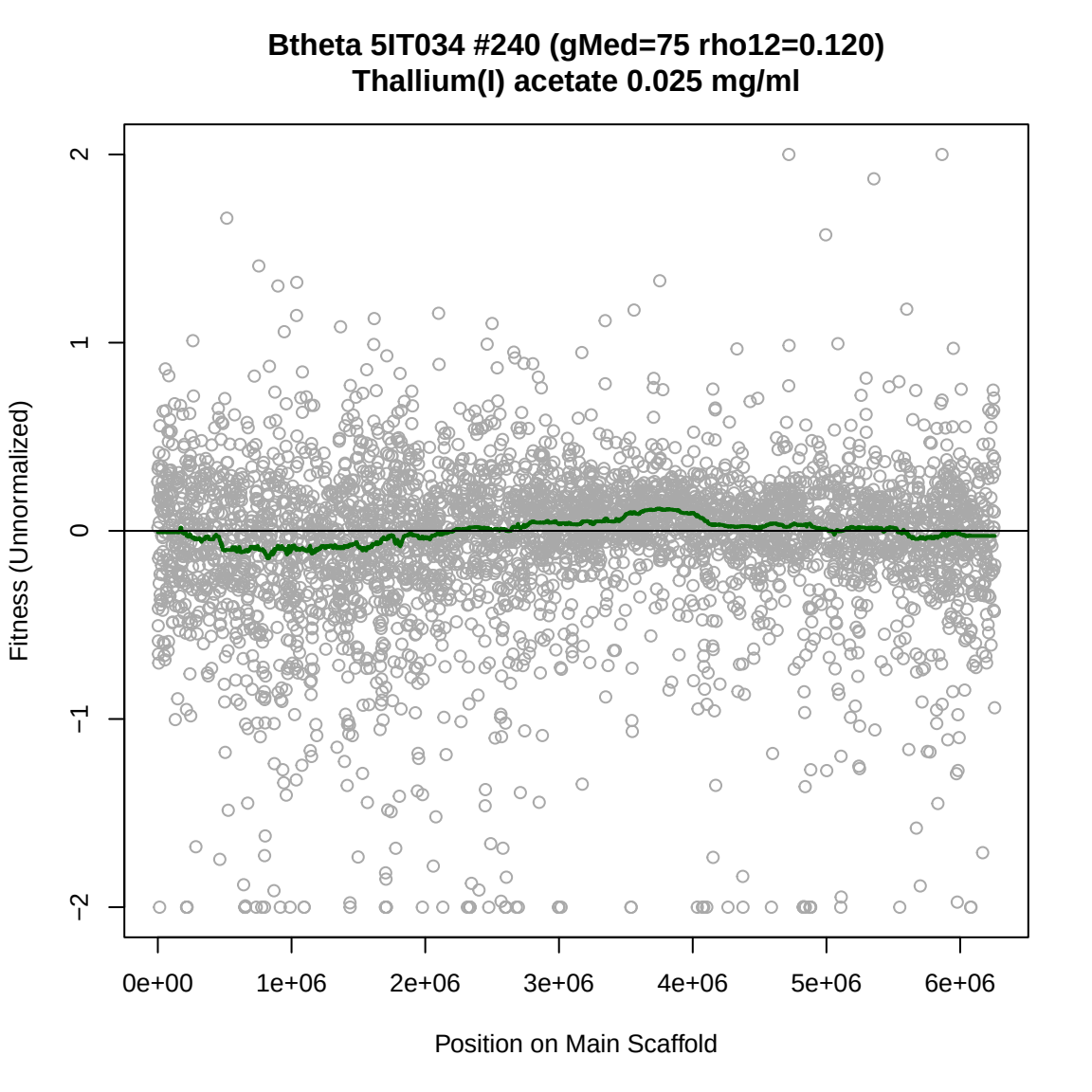

Btheta 5IT029 #235 (gMed=85 rho12=0.140)
Cobalt chloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

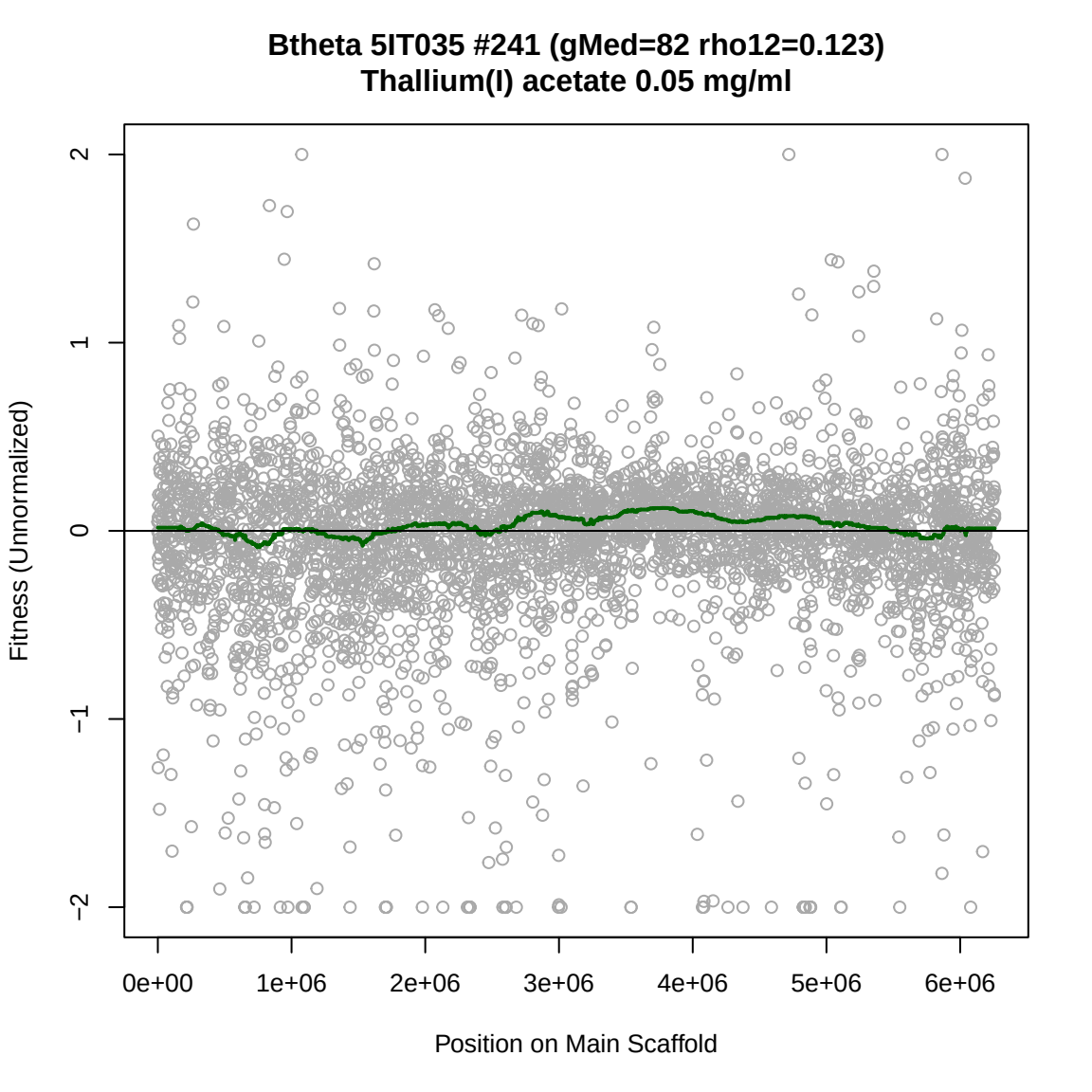

Btheta 5IT030 #236 (gMed=85 rho12=0.097)
Cobalt chloride 0.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

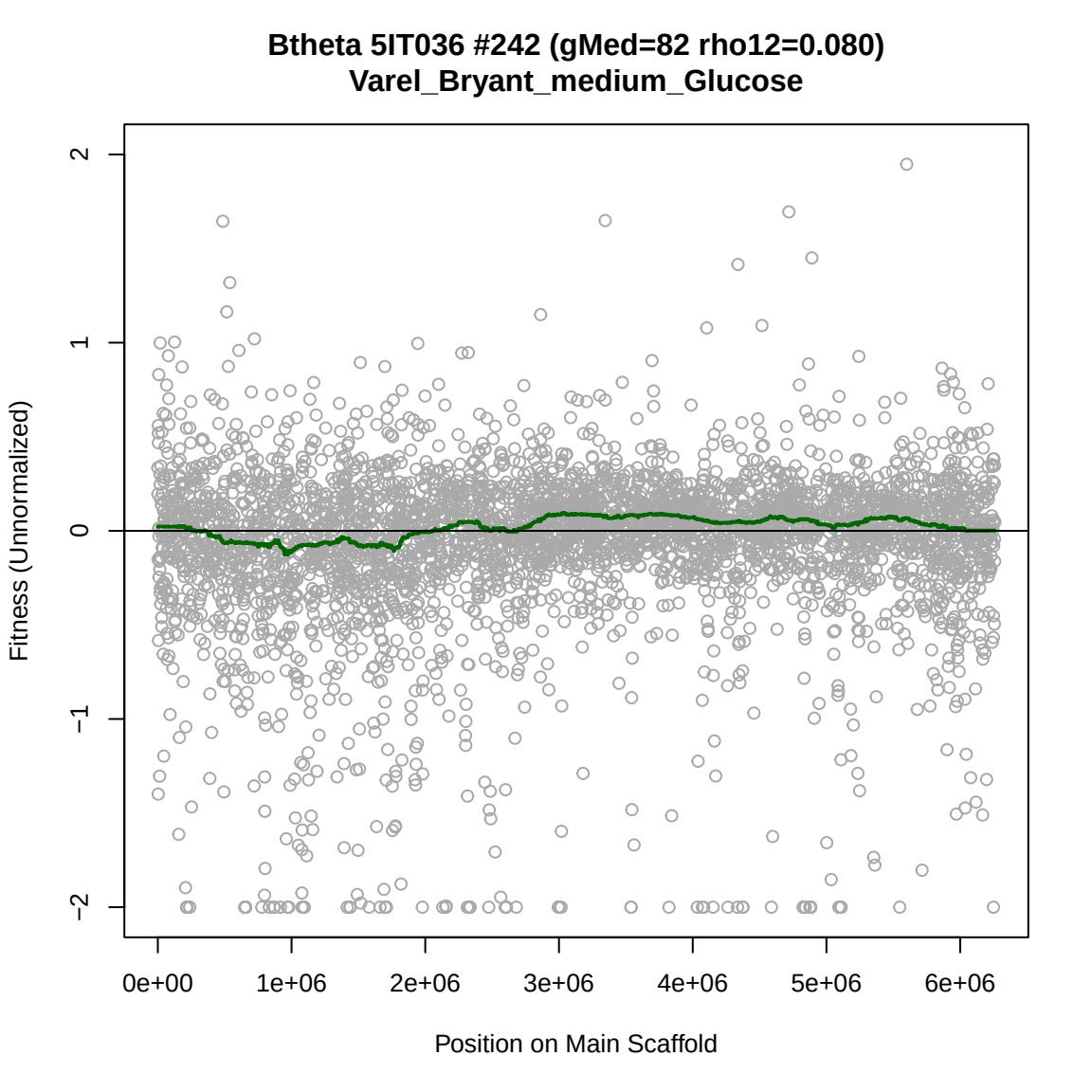

Btheta 5IT031 #237 (gMed=94 rho12=0.114)
copper (II) chloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

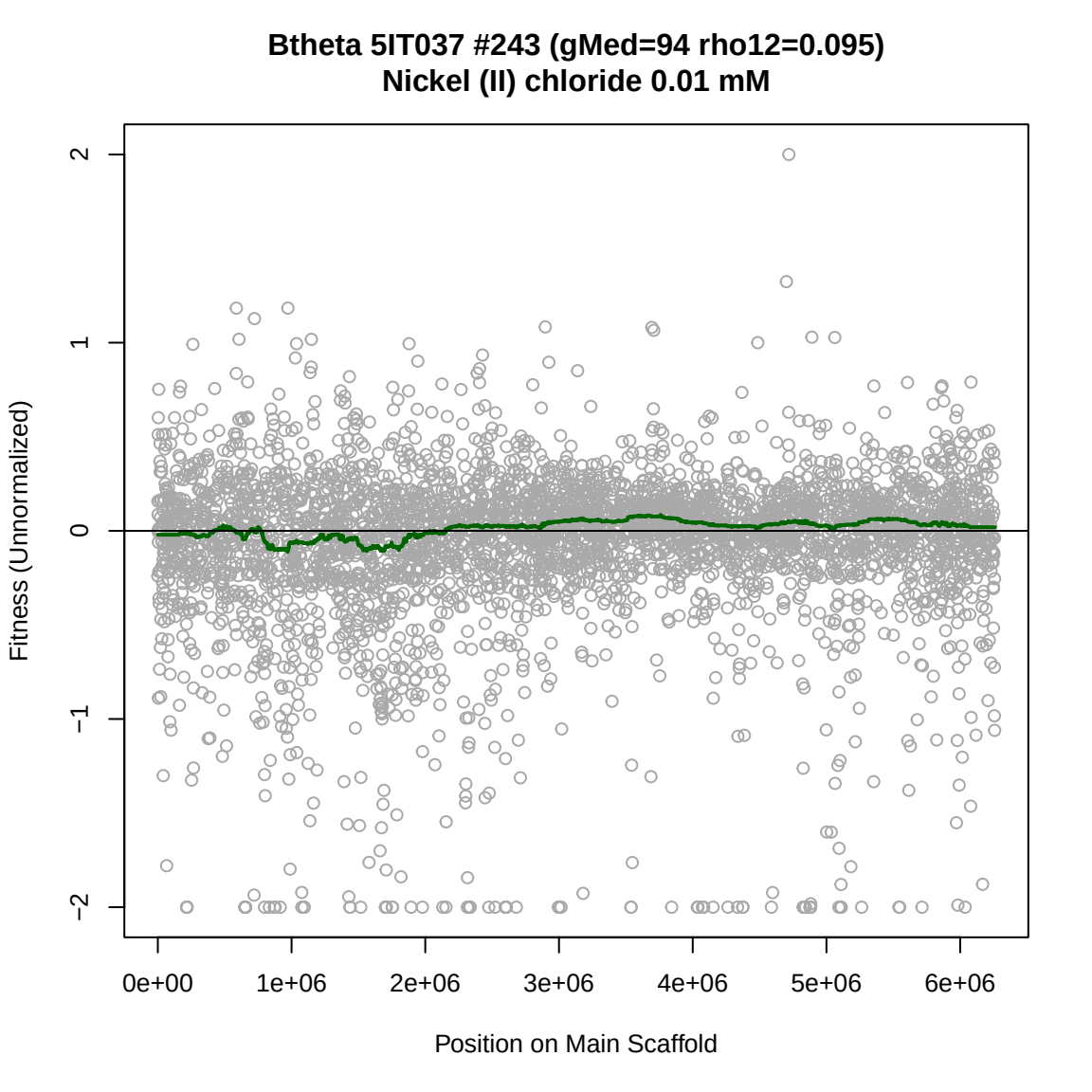

Btheta 5IT032 #238 (gMed=83 rho12=0.142)
copper (II) chloride 1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

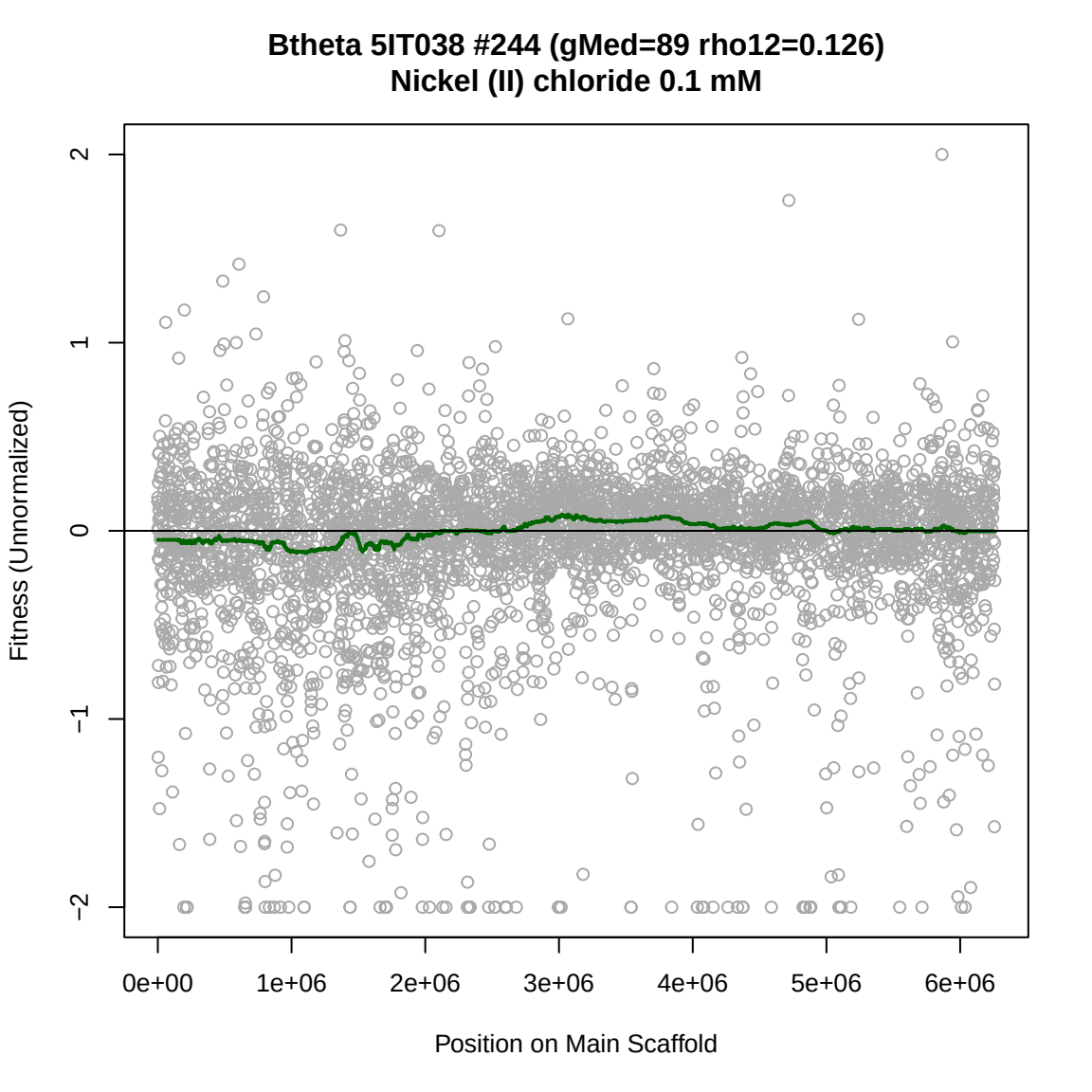

Btheta 5IT033 #239 (gMed=83 rho12=0.109)
Thallium(I) acetate 0.01 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

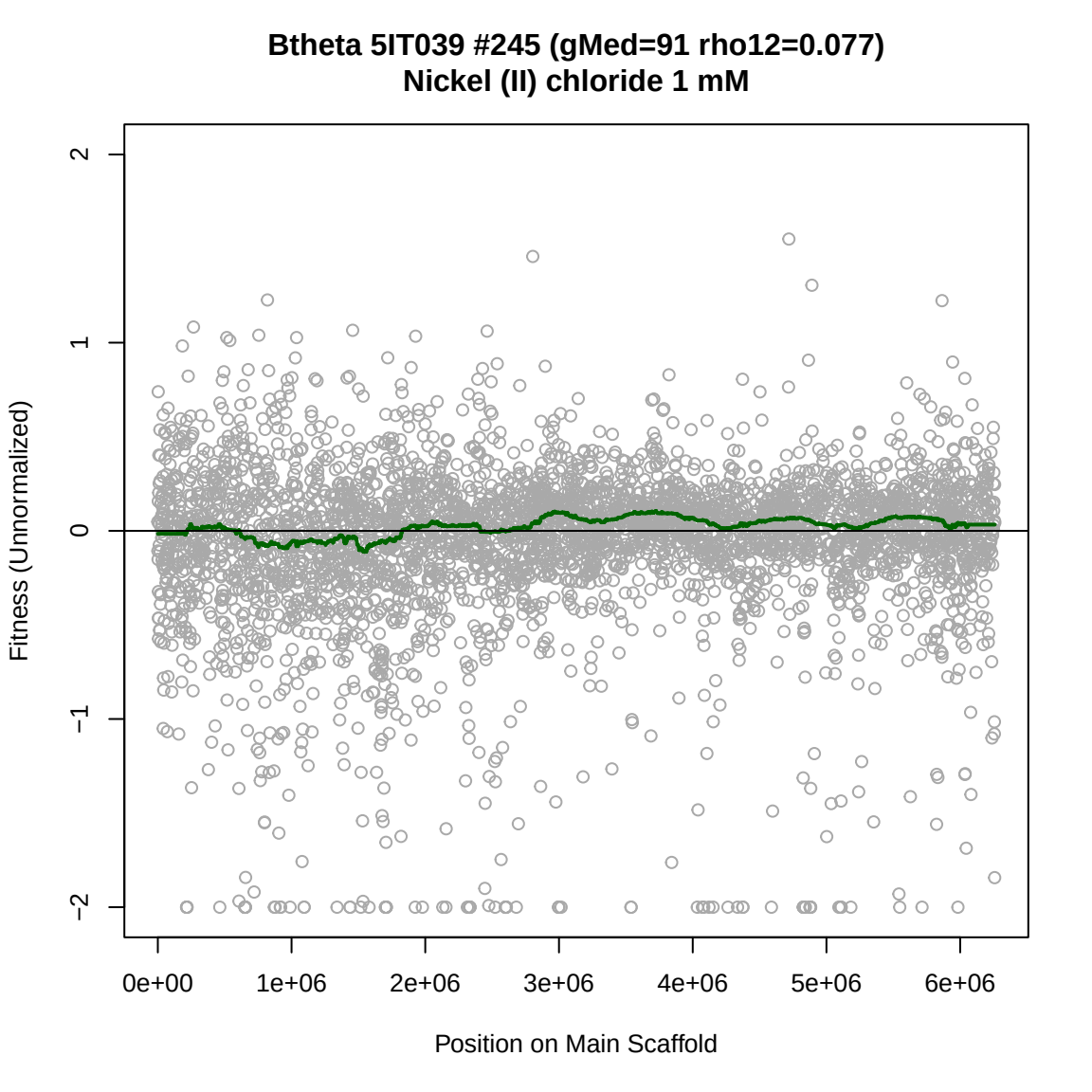

Btheta 5IT034 #240 (gMed=75 rho12=0.120)
Thallium(I) acetate 0.025 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

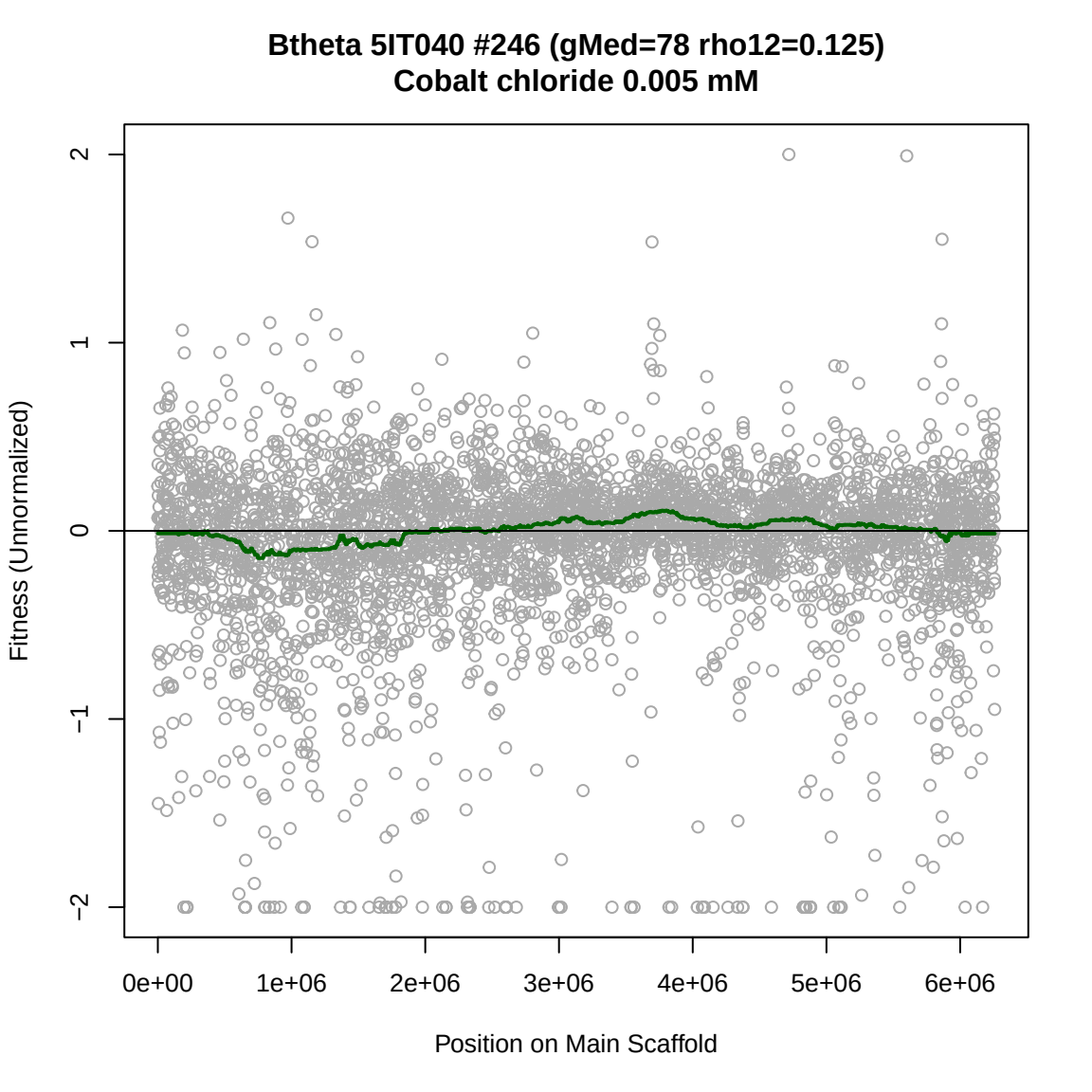

Btheta 5IT035 #241 (gMed=82 rho12=0.123)
Thallium(I) acetate 0.05 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

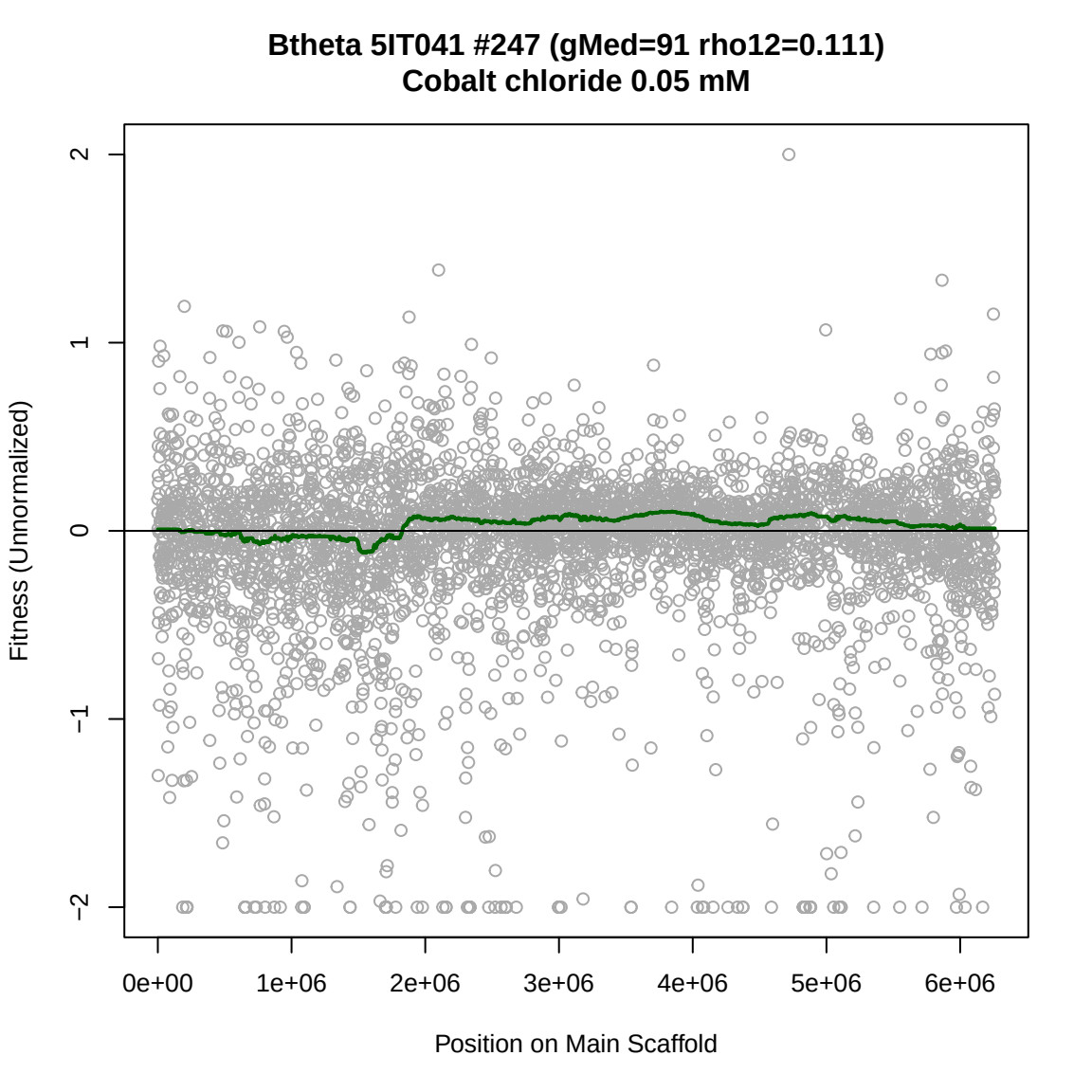

Btheta 5IT036 #242 (gMed=82 rho12=0.080)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

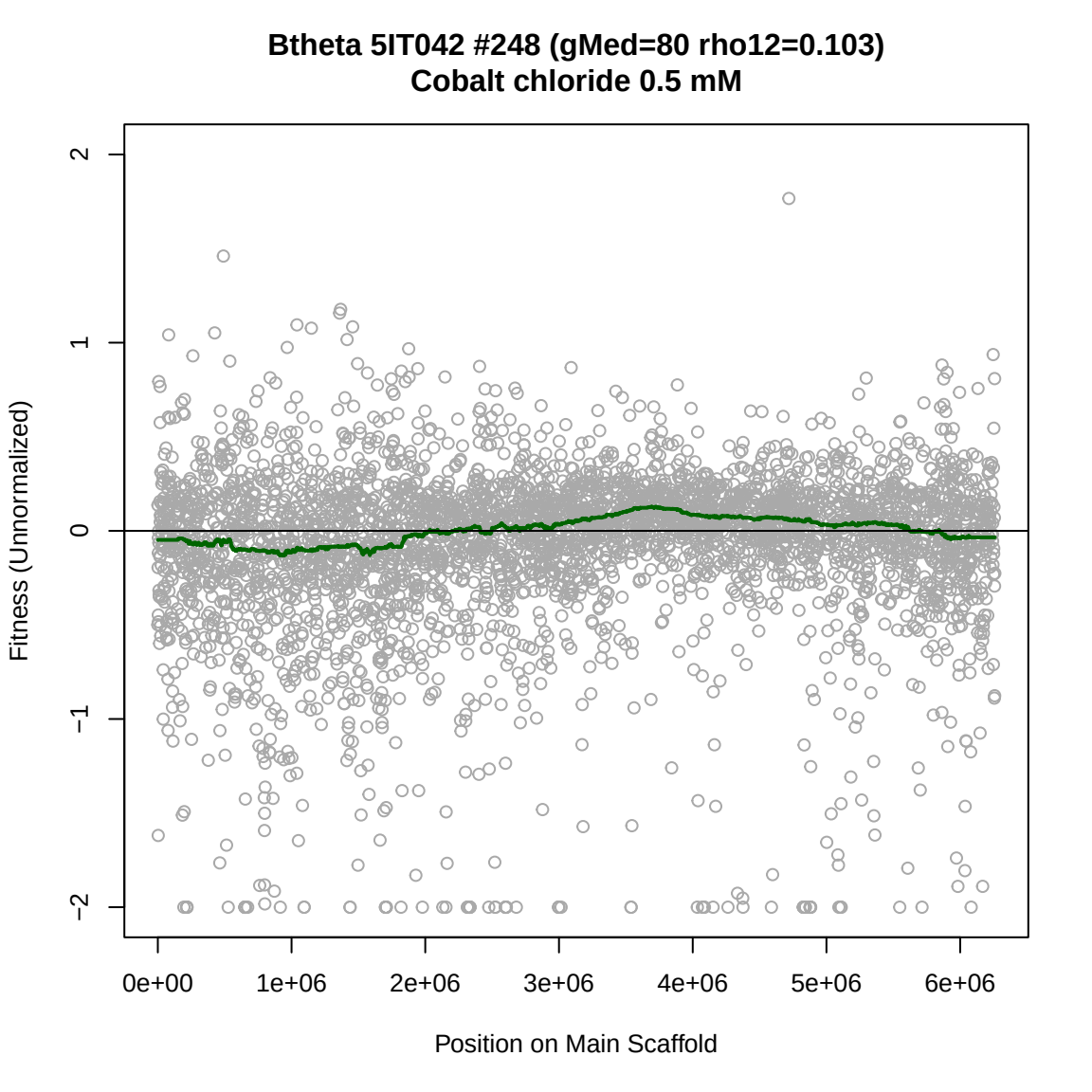

Btheta 5IT037 #243 (gMed=94 rho12=0.095)
Nickel (II) chloride 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

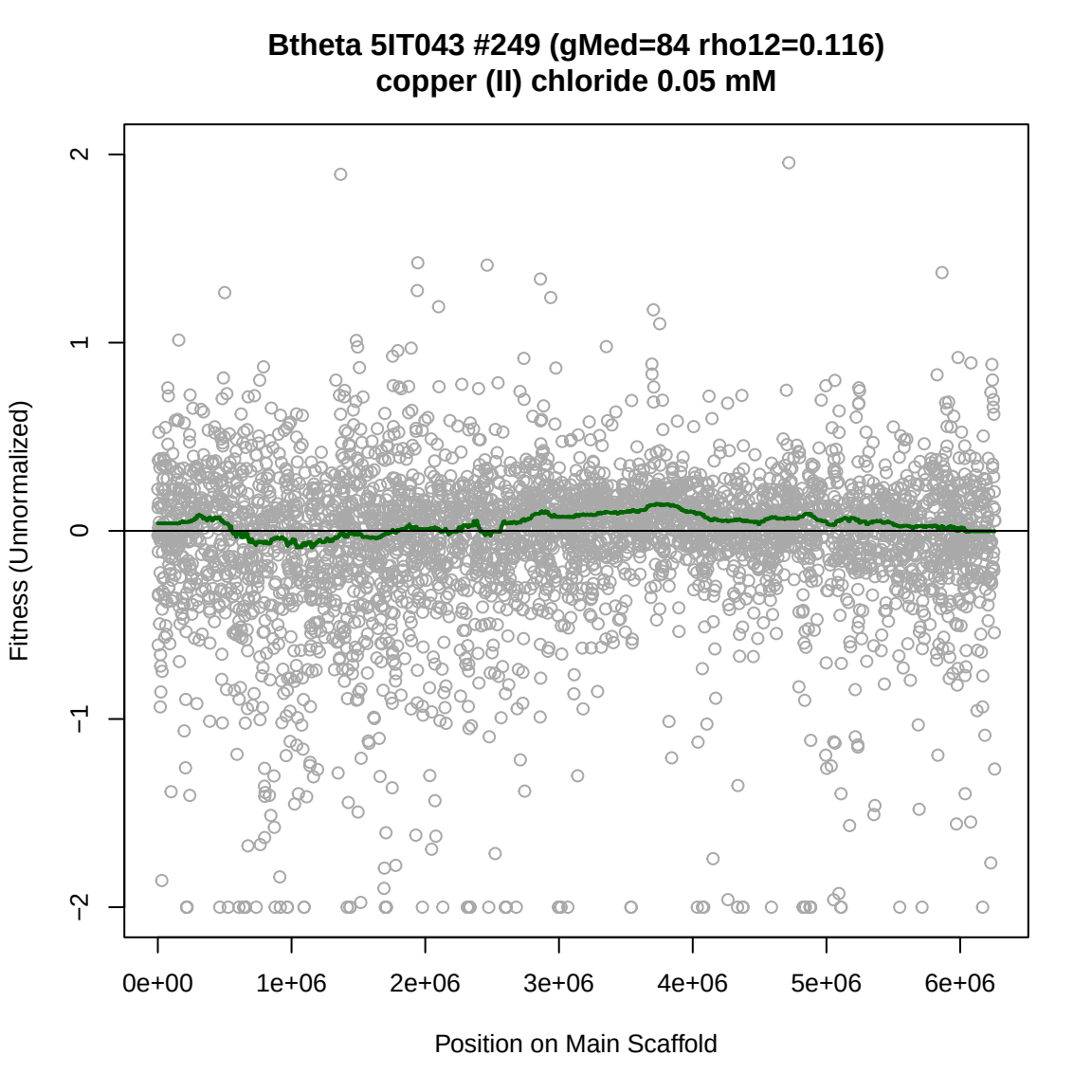

Btheta 5IT038 #244 (gMed=89 rho12=0.126)
Nickel (II) chloride 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

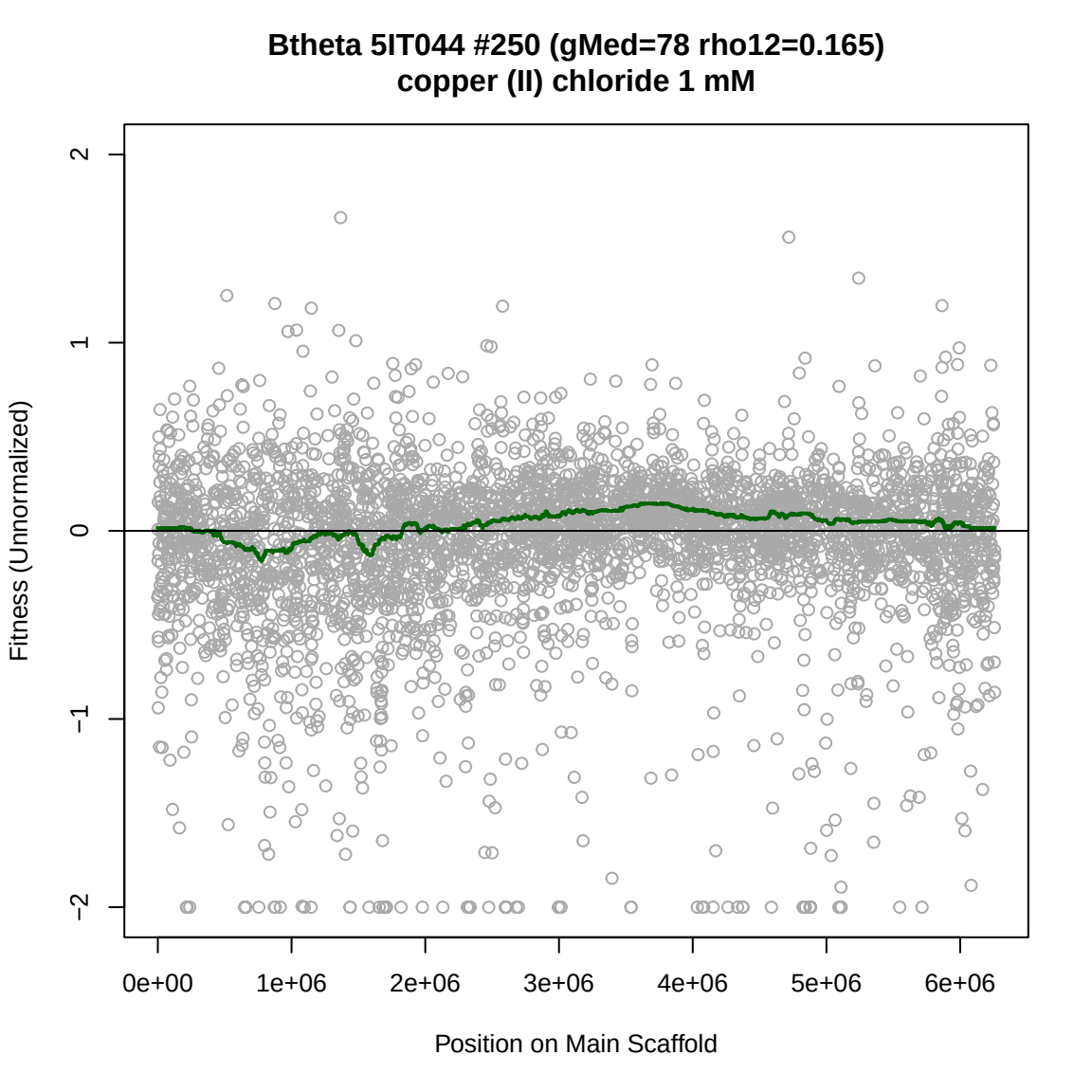

Btheta 5IT039 #245 (gMed=91 rho12=0.077)
Nickel (II) chloride 1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

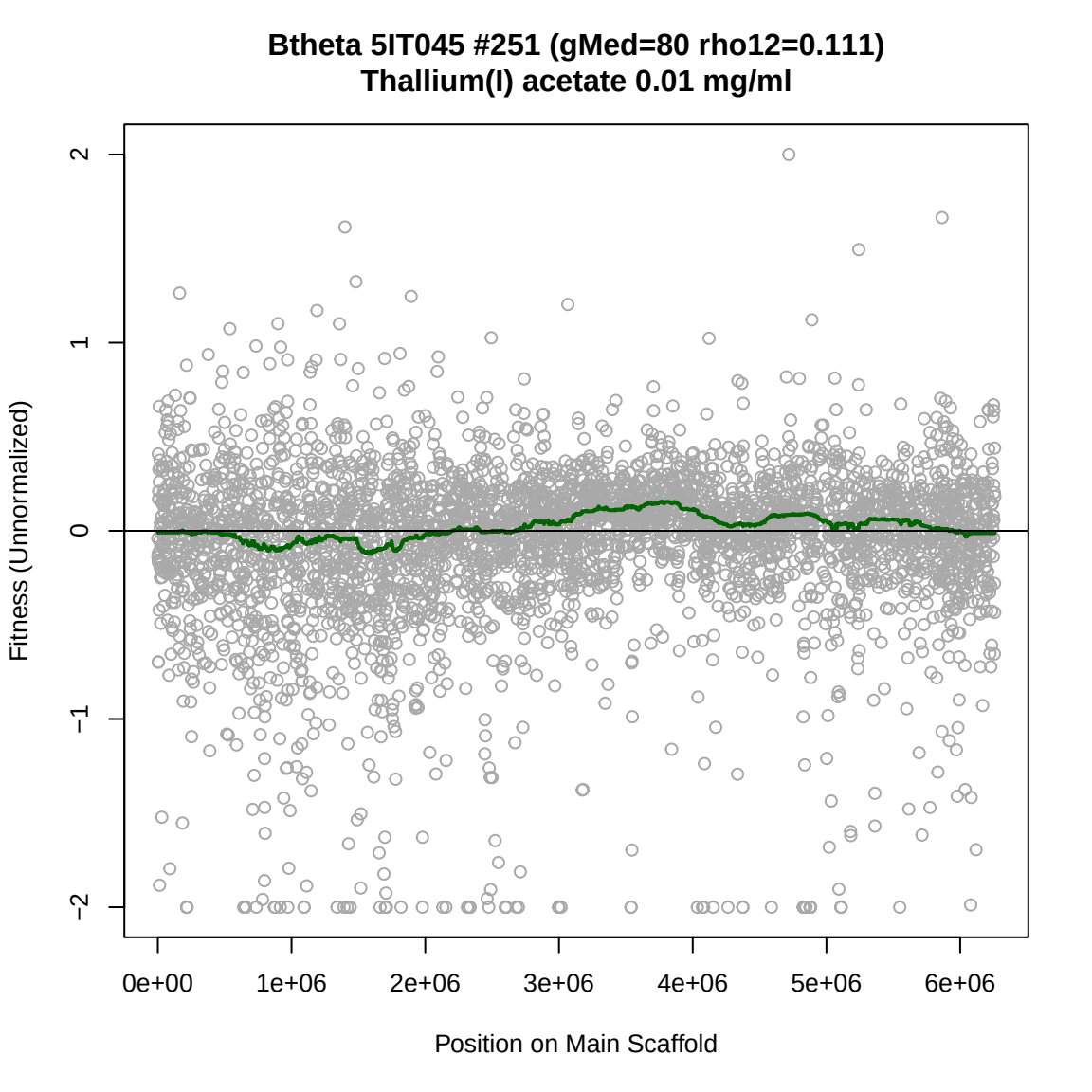

Btheta 5IT040 #246 (gMed=78 rho12=0.125)
Cobalt chloride 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

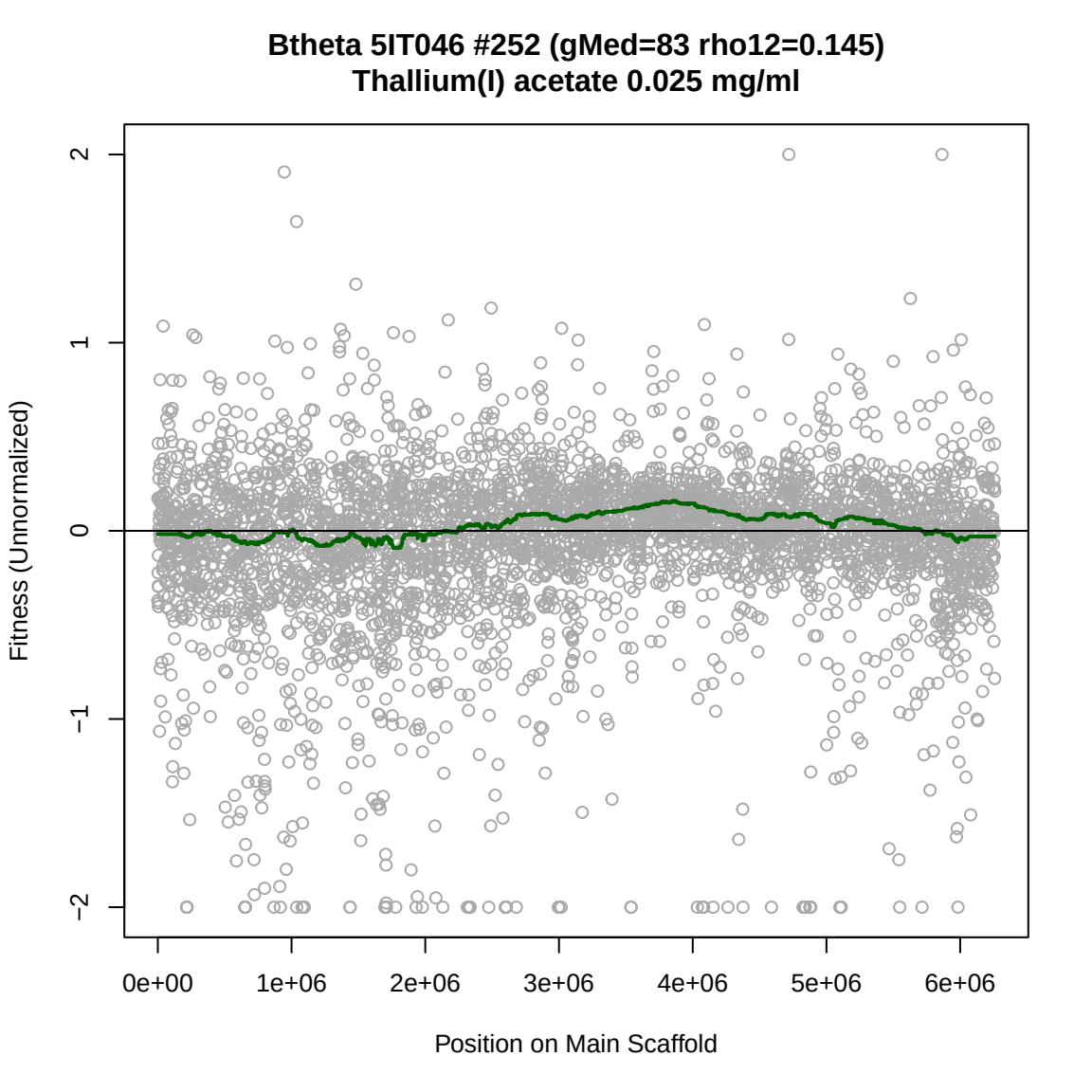

Btheta 5IT041 #247 (gMed=91 rho12=0.111)
Cobalt chloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

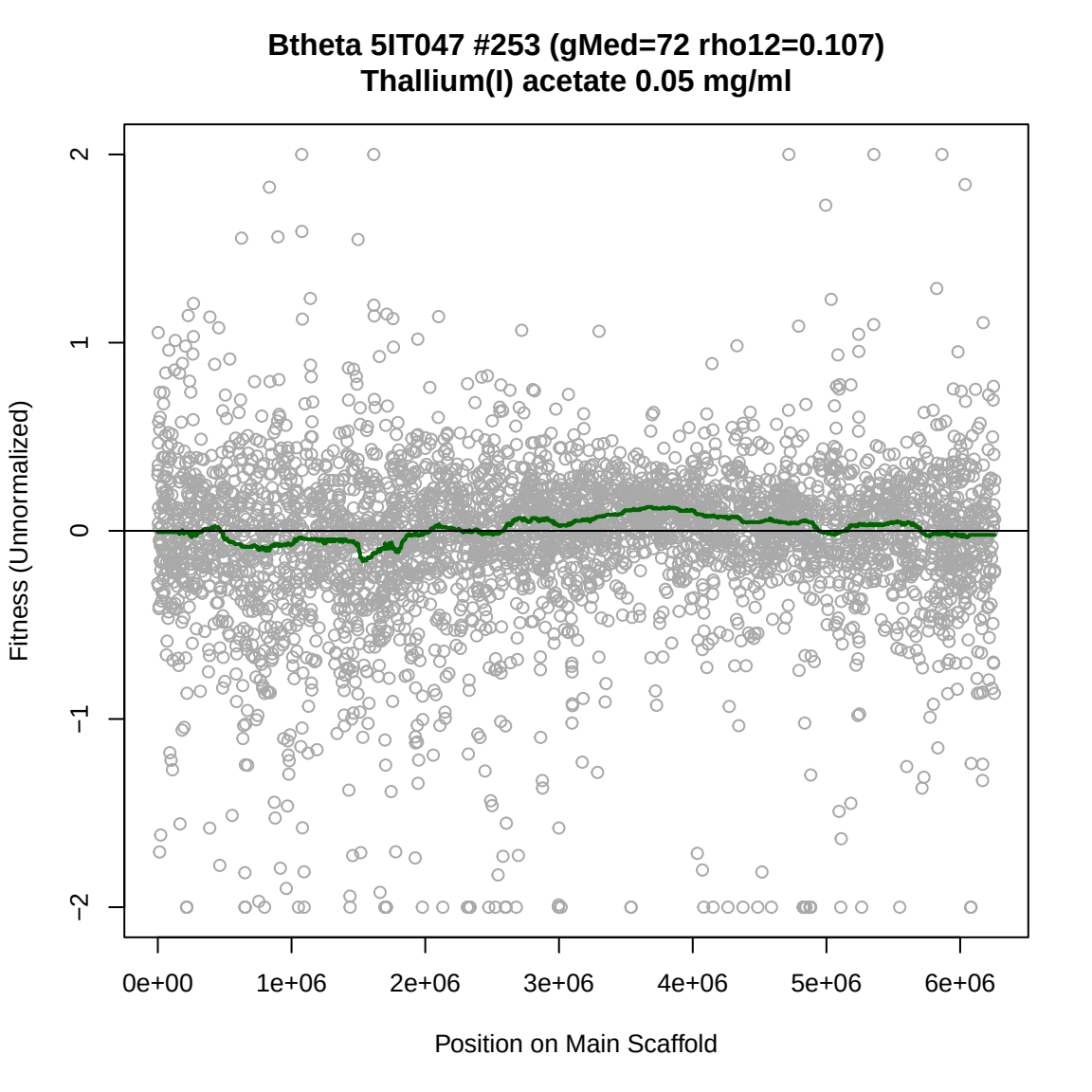

Btheta 5IT042 #248 (gMed=80 rho12=0.103)
Cobalt chloride 0.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

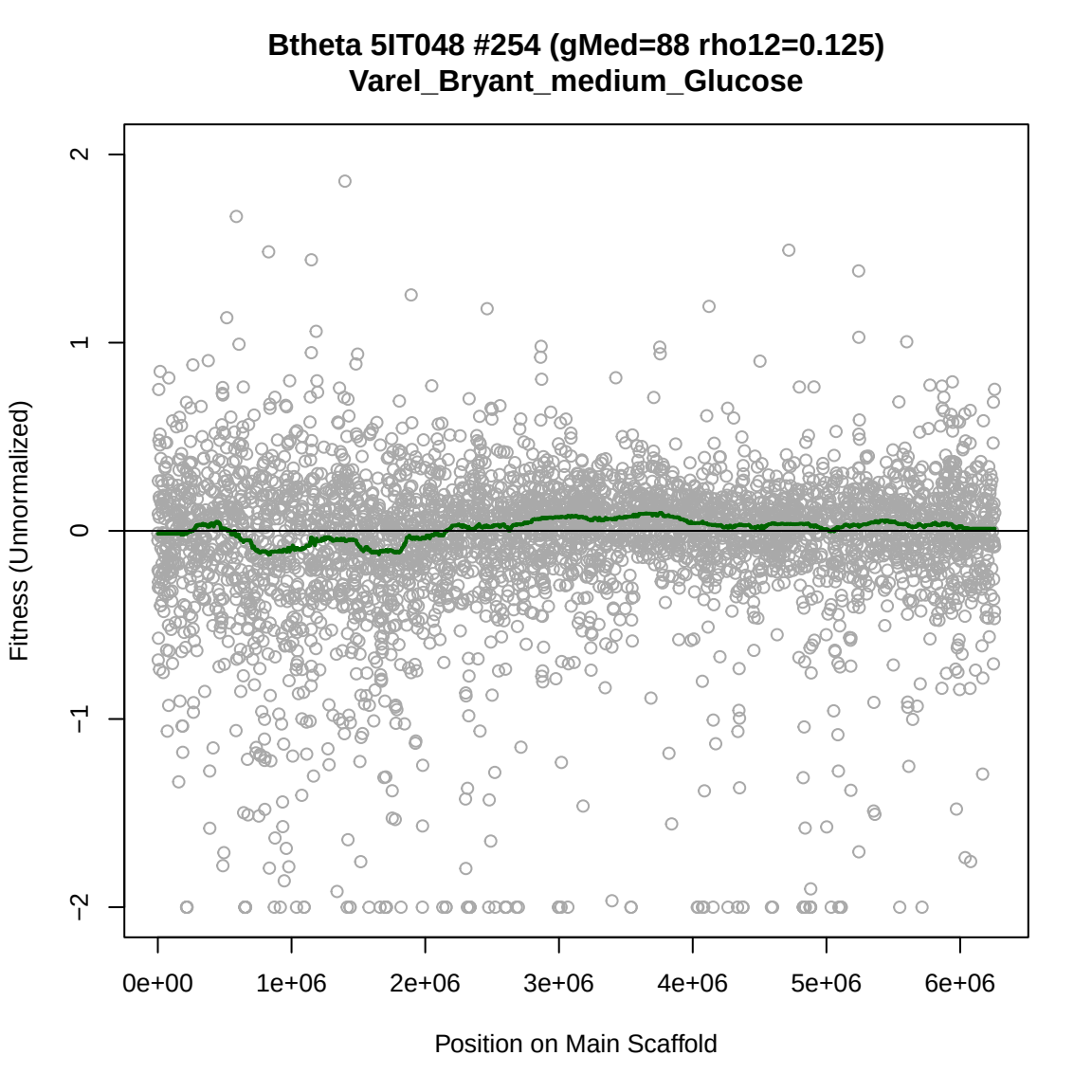

Btheta 5IT043 #249 (gMed=84 rho12=0.116)
copper (II) chloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

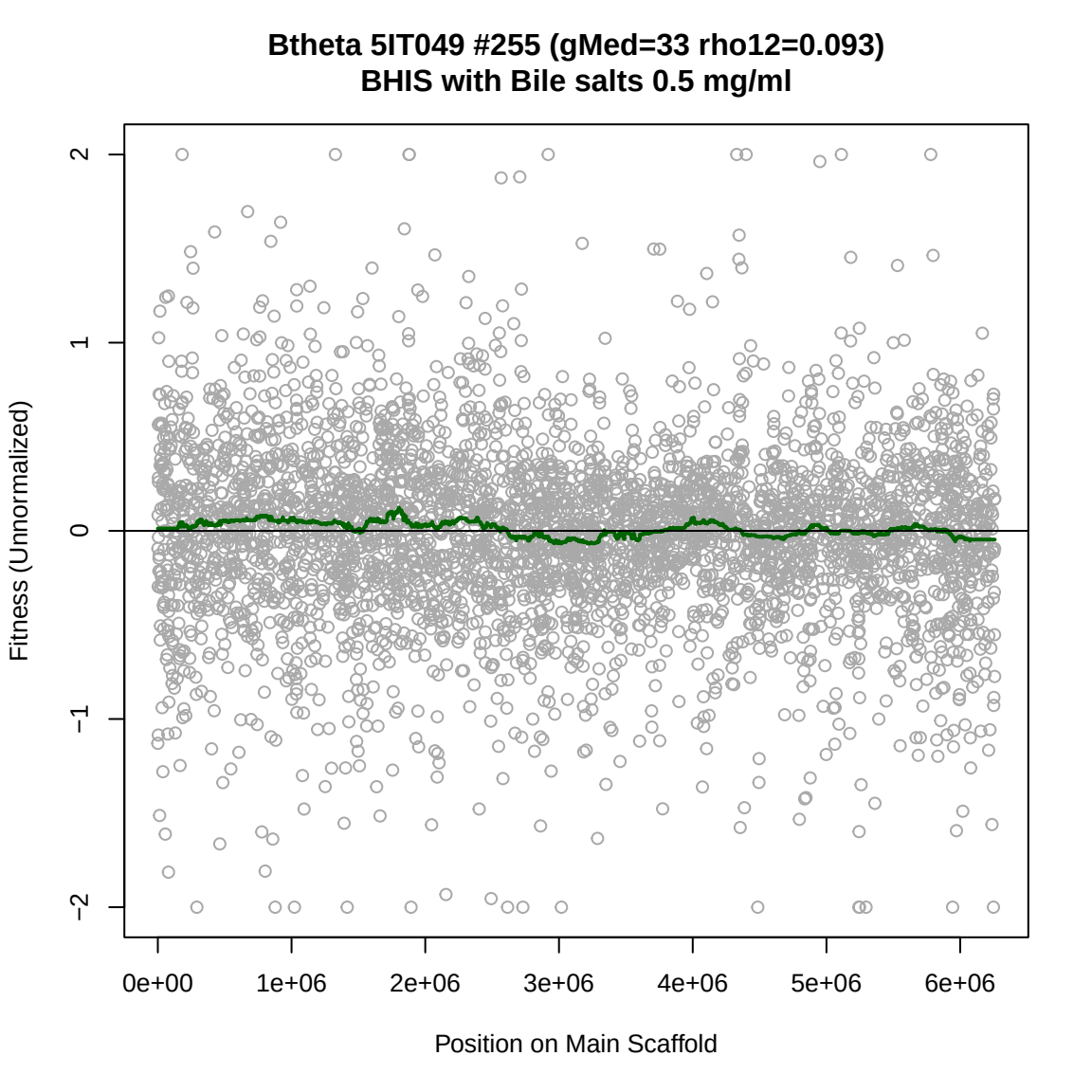

Btheta 5IT044 #250 (gMed=78 rho12=0.165)
copper (II) chloride 1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

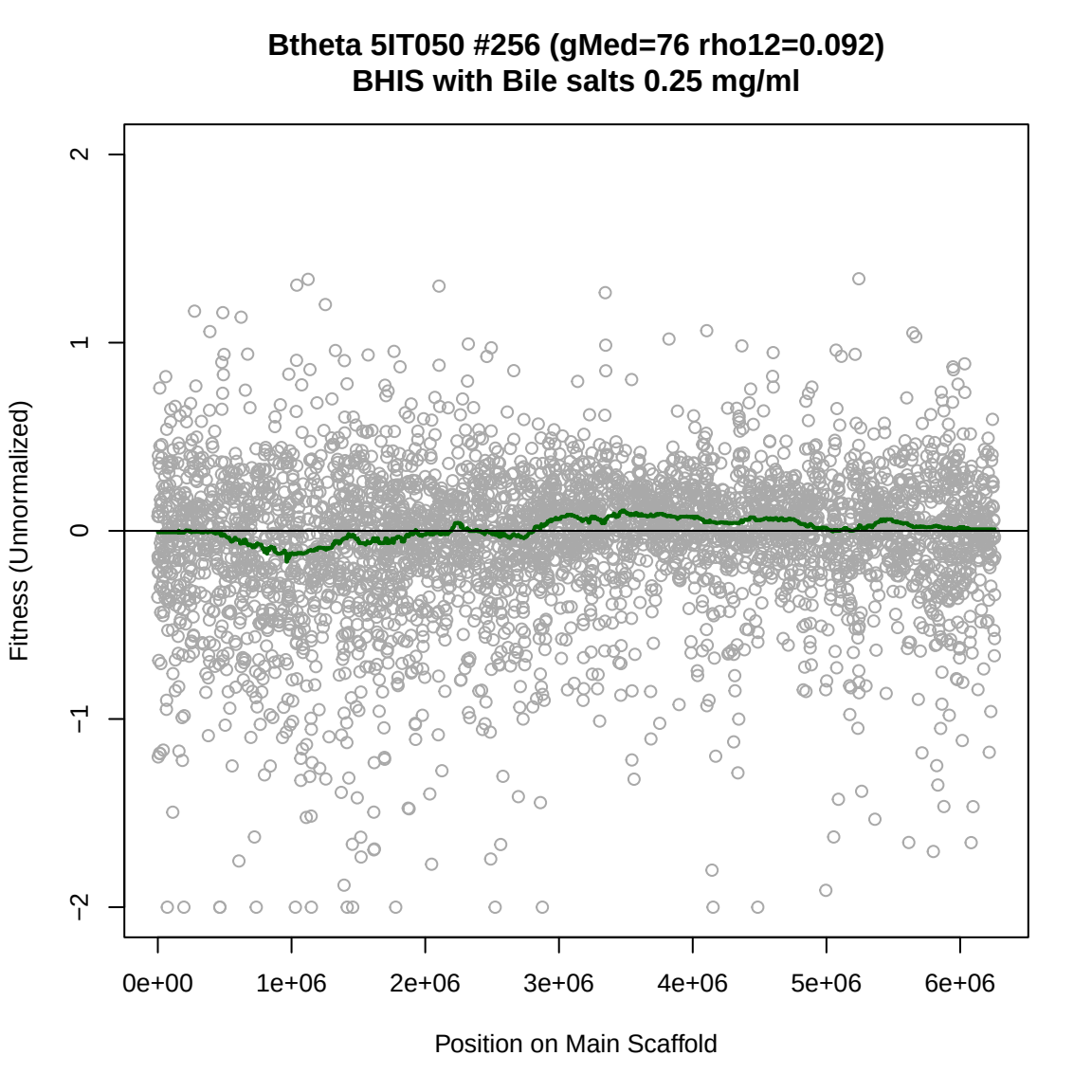

Btheta 5IT045 #251 (gMed=80 rho12=0.111)
Thallium(I) acetate 0.01 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

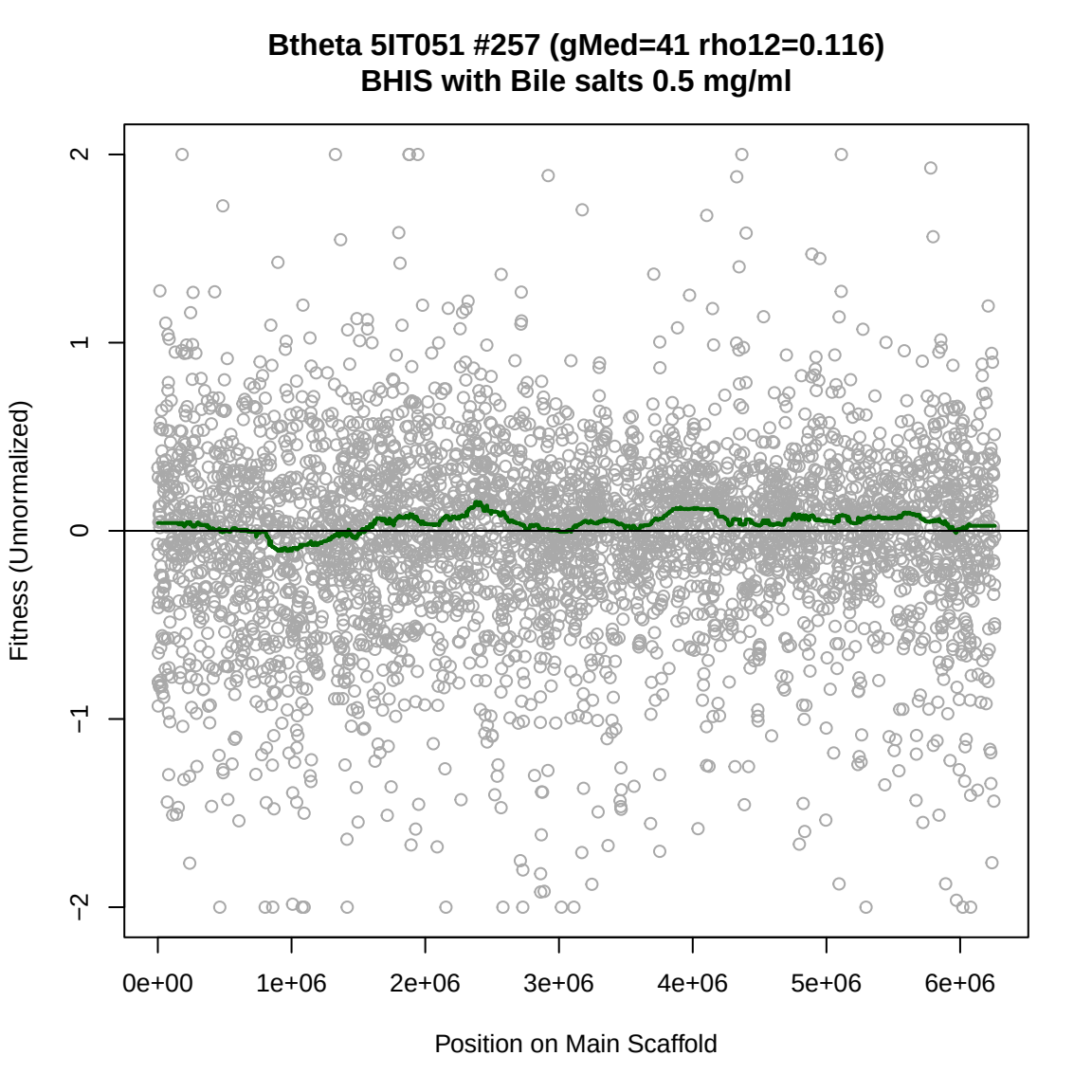

Btheta 5IT046 #252 (gMed=83 rho12=0.145)
Thallium(I) acetate 0.025 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

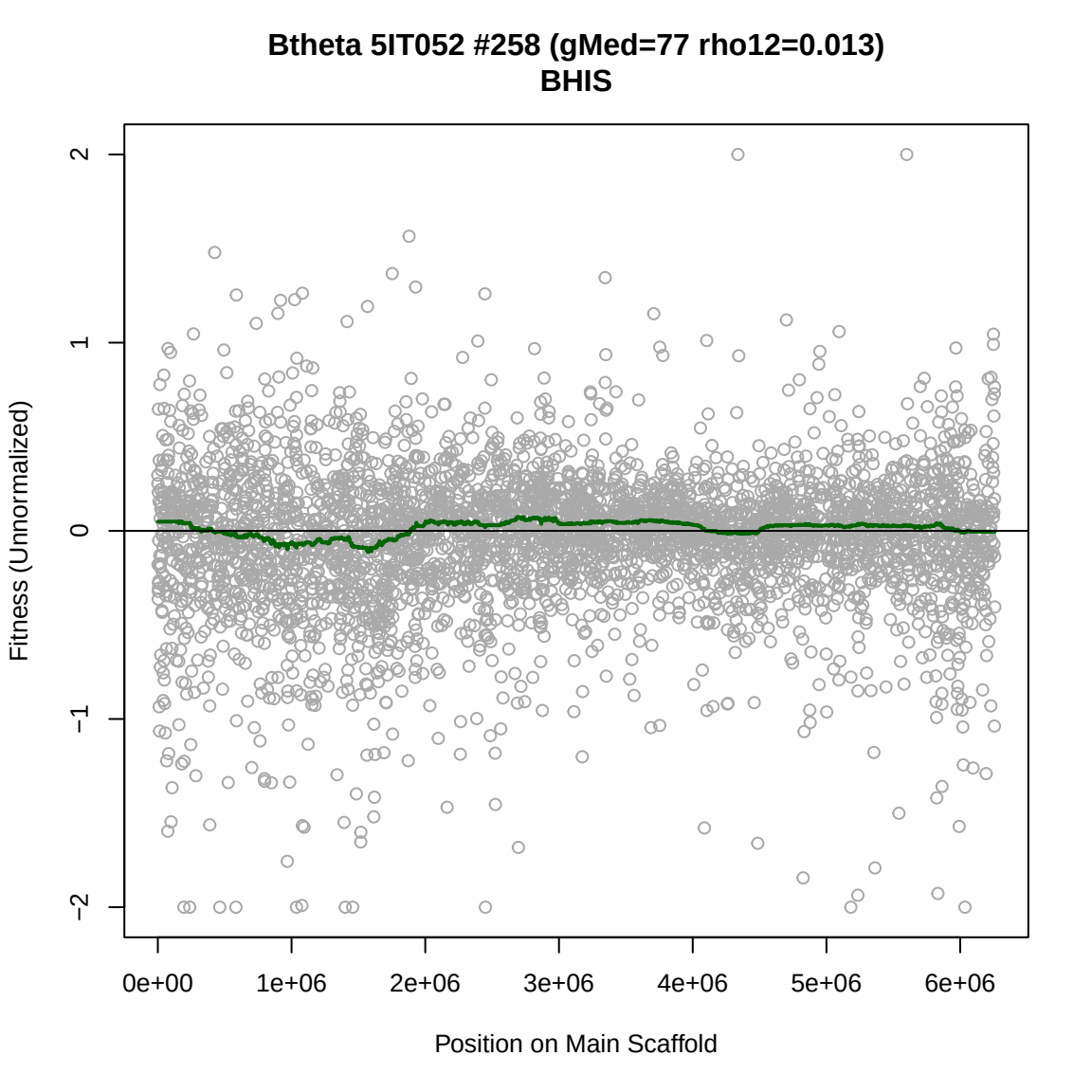

Btheta 5IT047 #253 (gMed=72 rho12=0.107)
Thallium(I) acetate 0.05 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

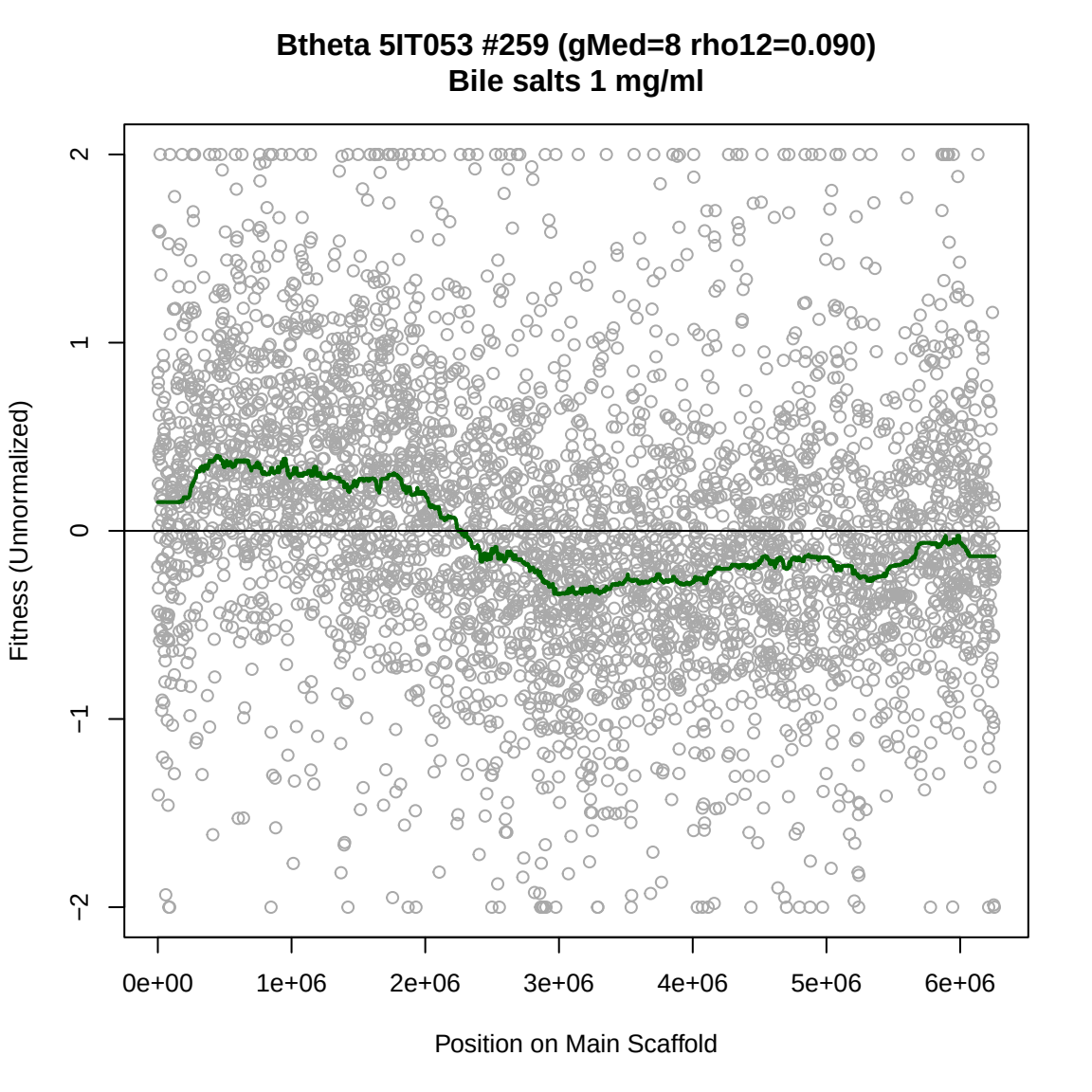

Btheta 5IT048 #254 (gMed=88 rho12=0.125)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

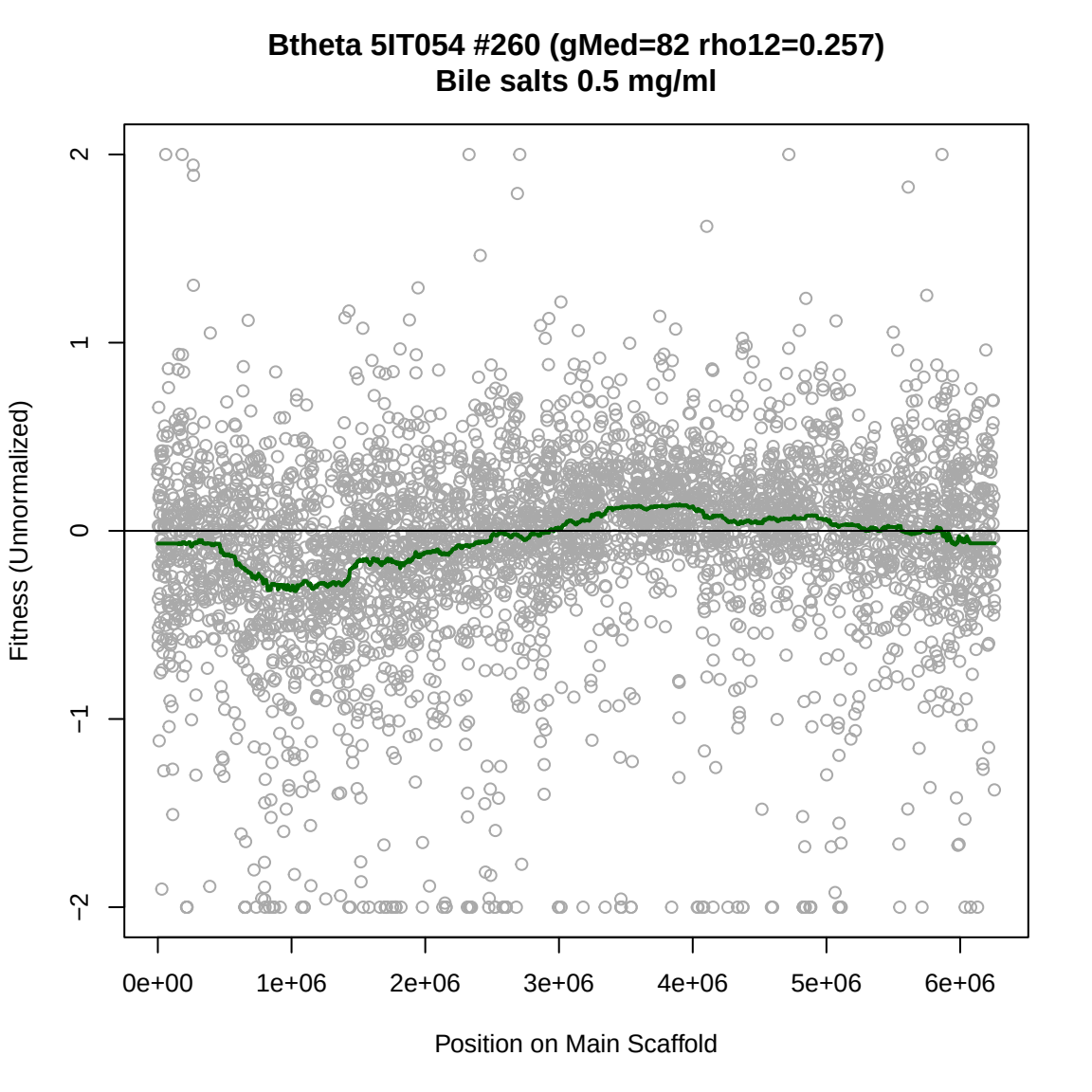

Btheta 5IT049 #255 (gMed=33 rho12=0.093)
BHIS with Bile salts 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

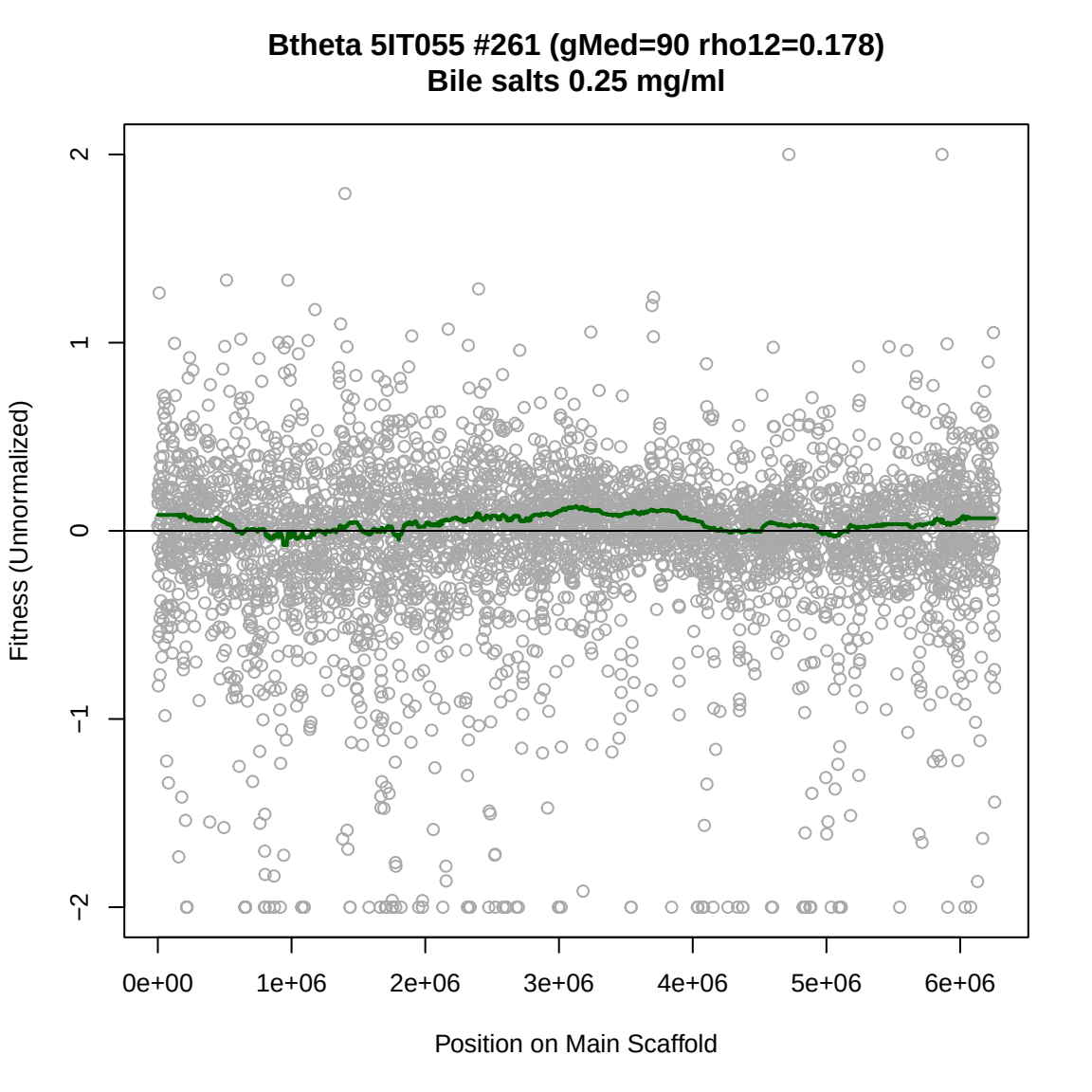

Btheta 5IT050 #256 (gMed=76 rho12=0.092)
BHIS with Bile salts 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

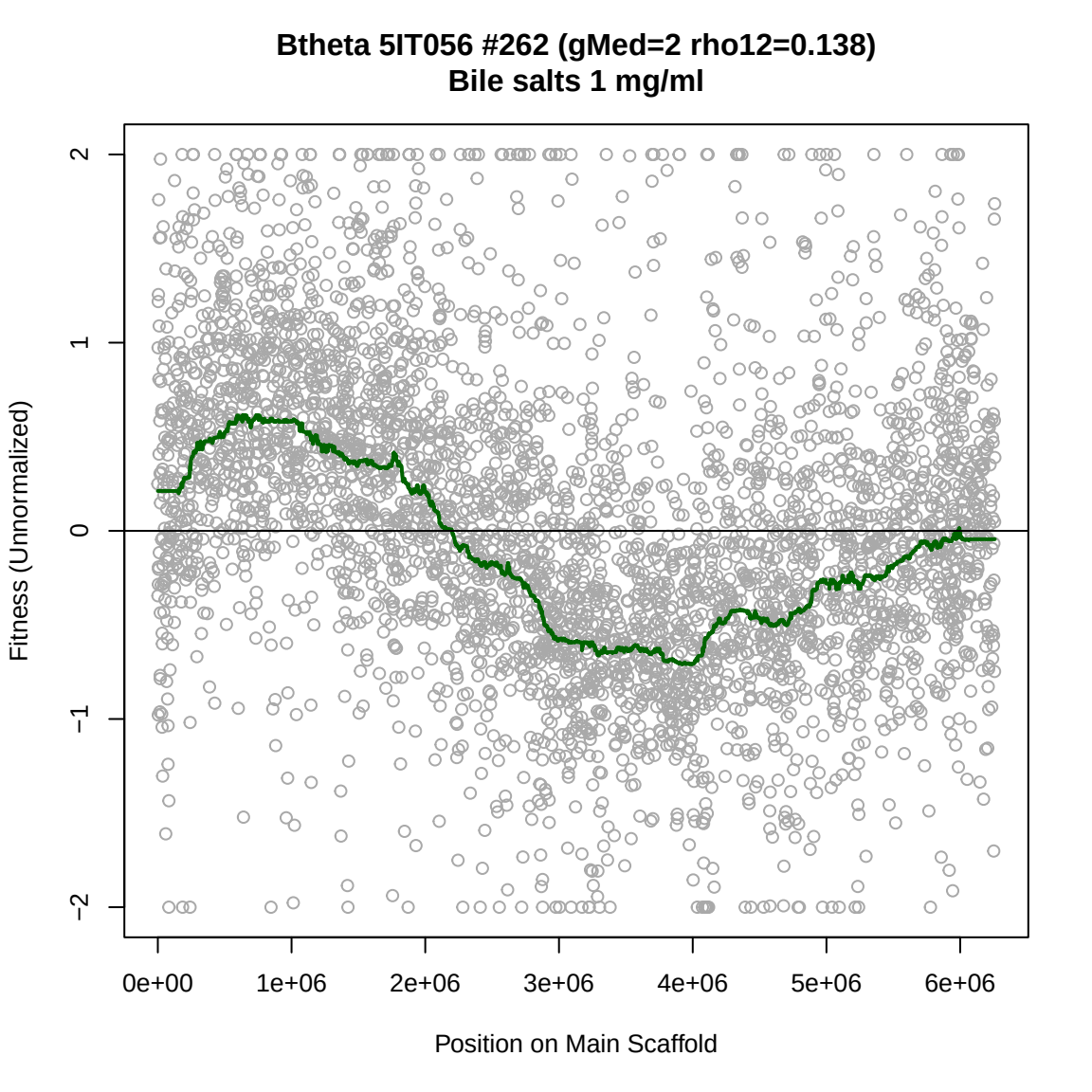

Btheta 5IT051 #257 (gMed=41 rho12=0.116)
BHIS with Bile salts 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

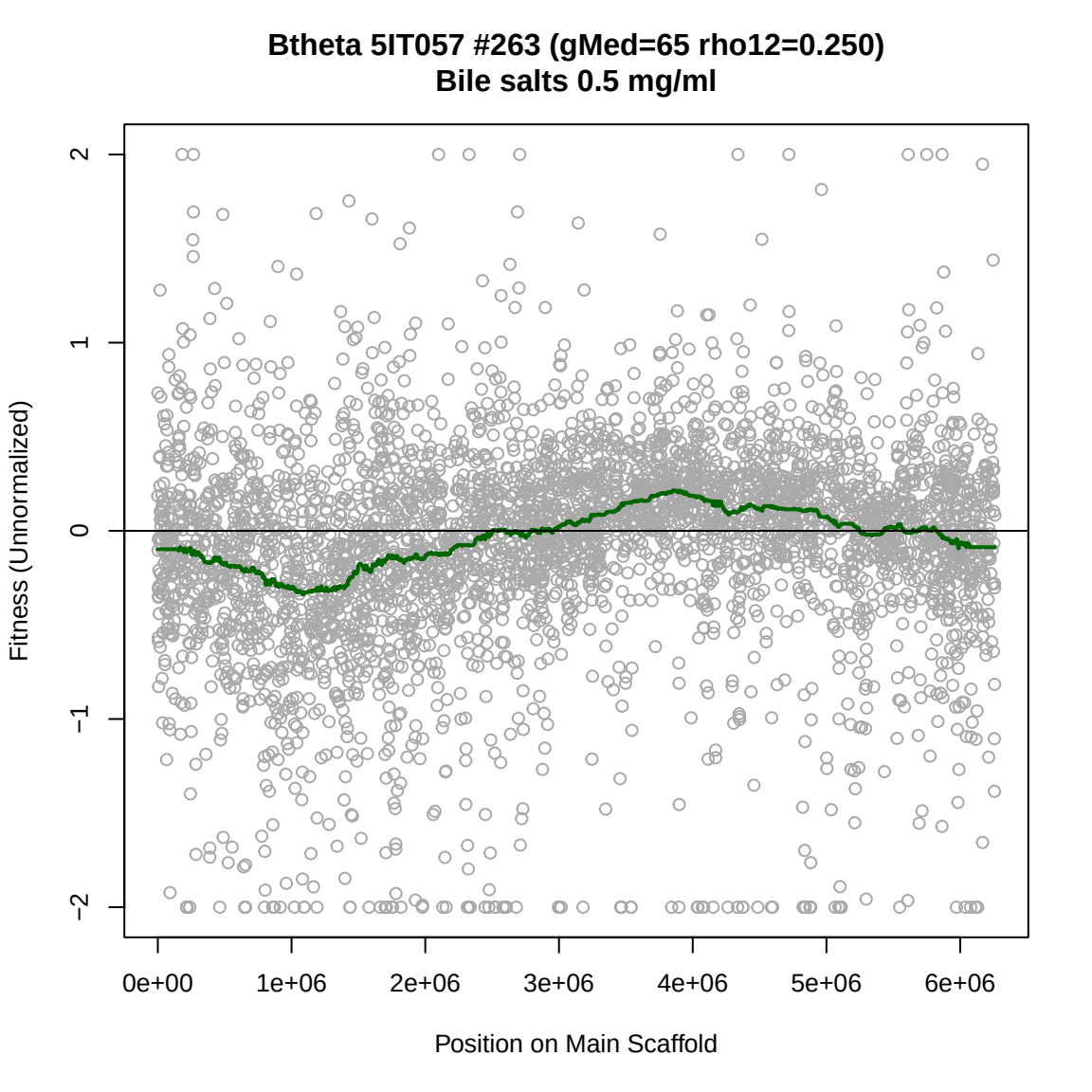

Btheta 5IT052 #258 (gMed=77 rho12=0.013)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

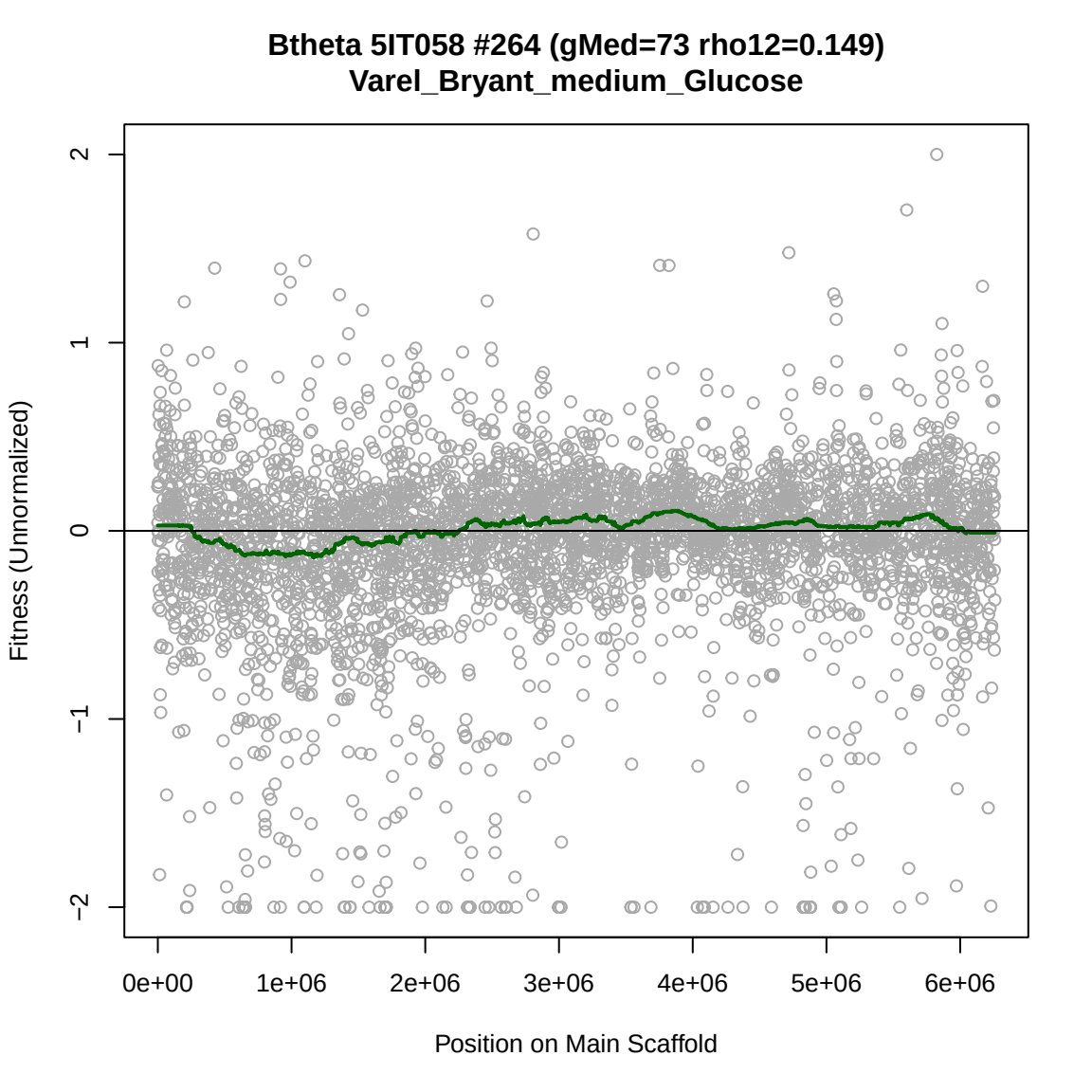

Btheta 5IT053 #259 (gMed=8 rho12=0.090)
Bile salts 1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

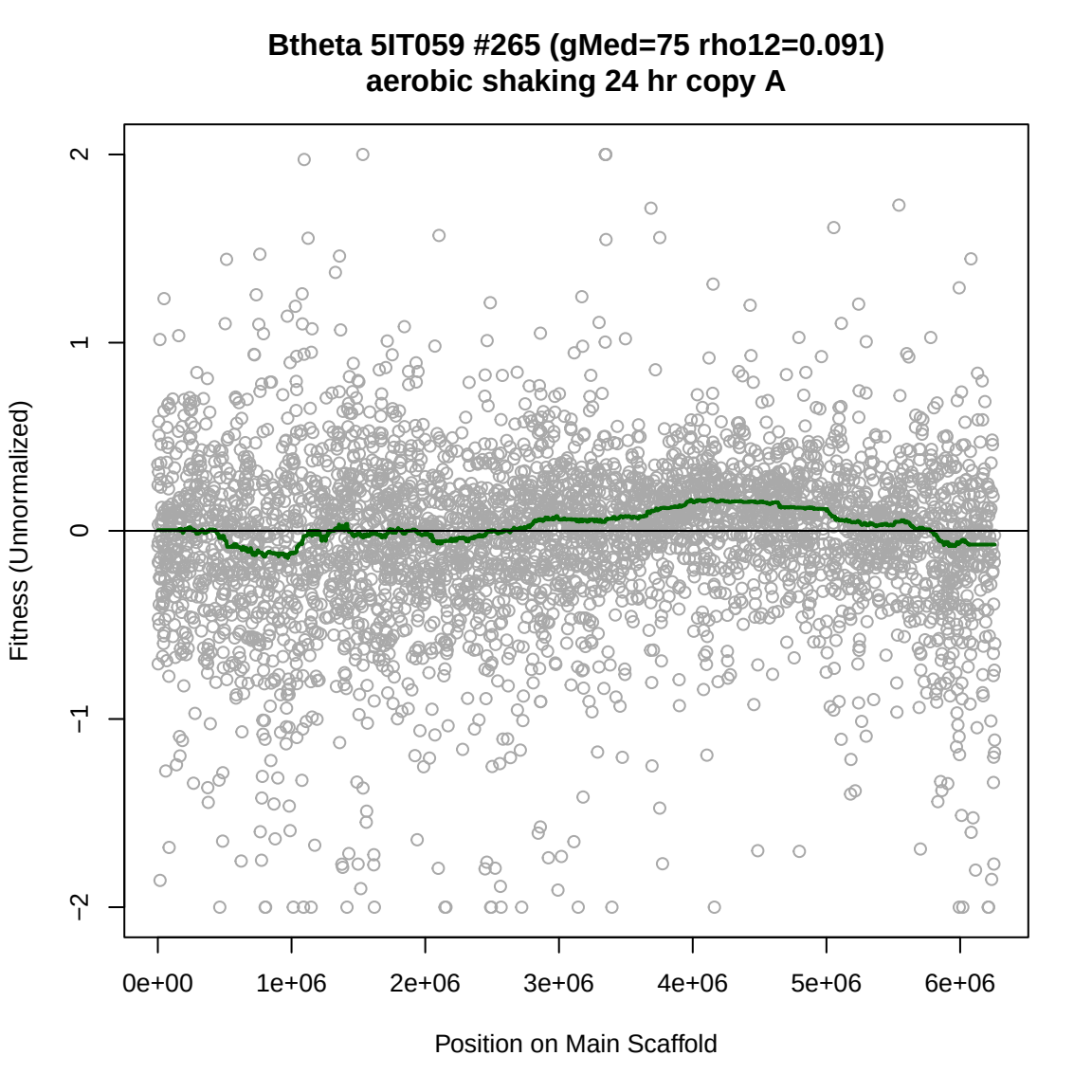

Btheta 5IT054 #260 (gMed=82 rho12=0.257)
Bile salts 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

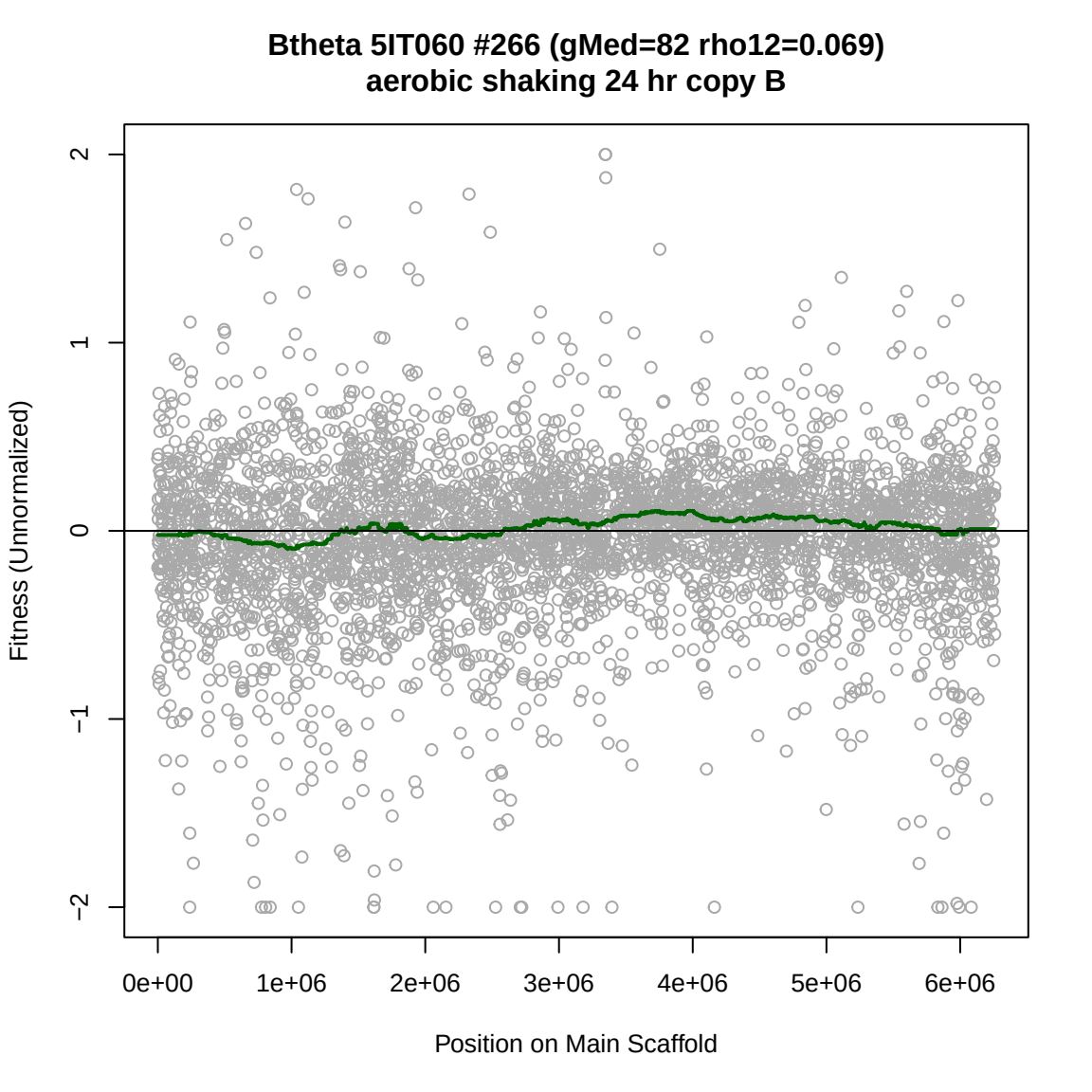

Btheta 5IT055 #261 (gMed=90 rho12=0.178)
Bile salts 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

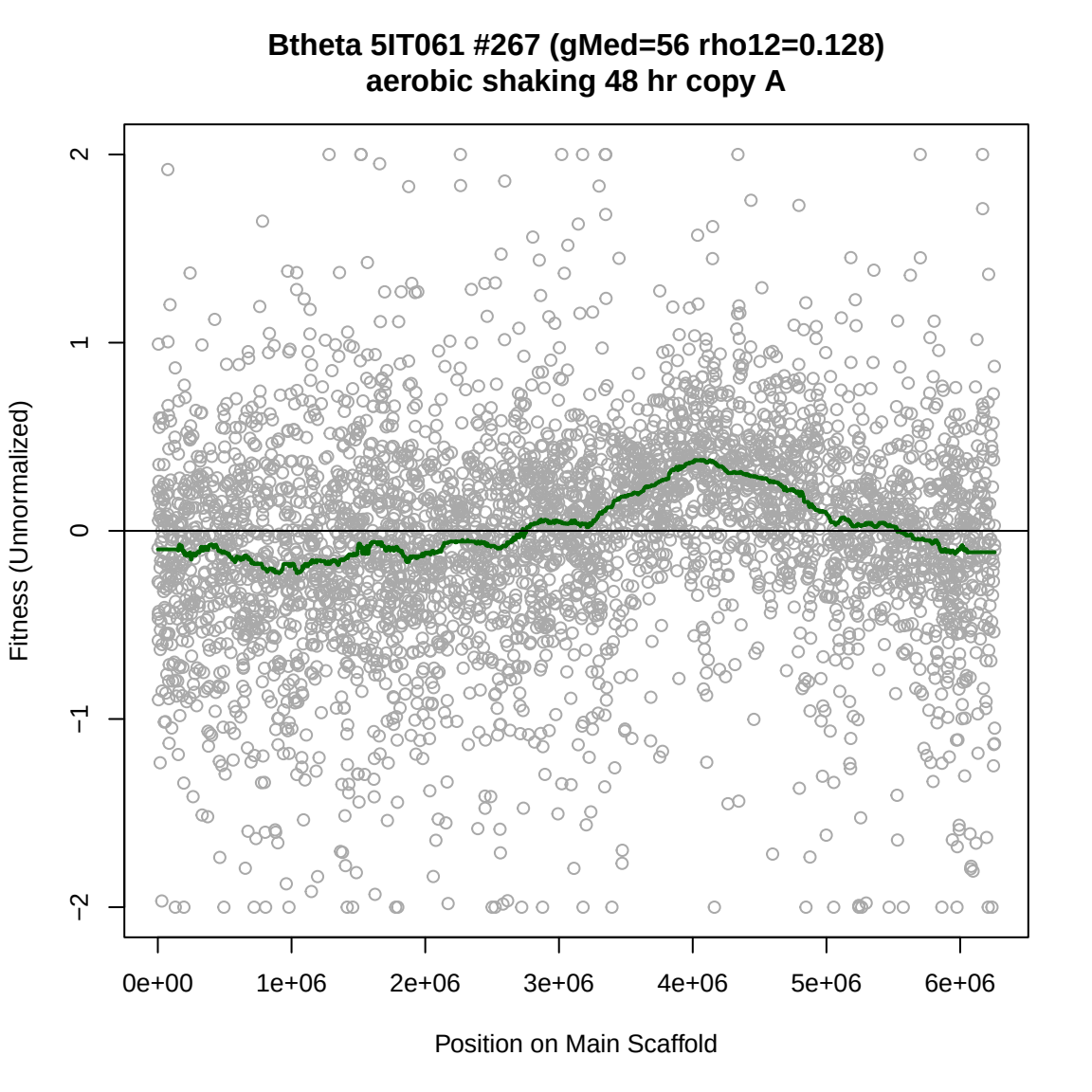

Btheta 5IT056 #262 (gMed=2 rho12=0.138)
Bile salts 1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

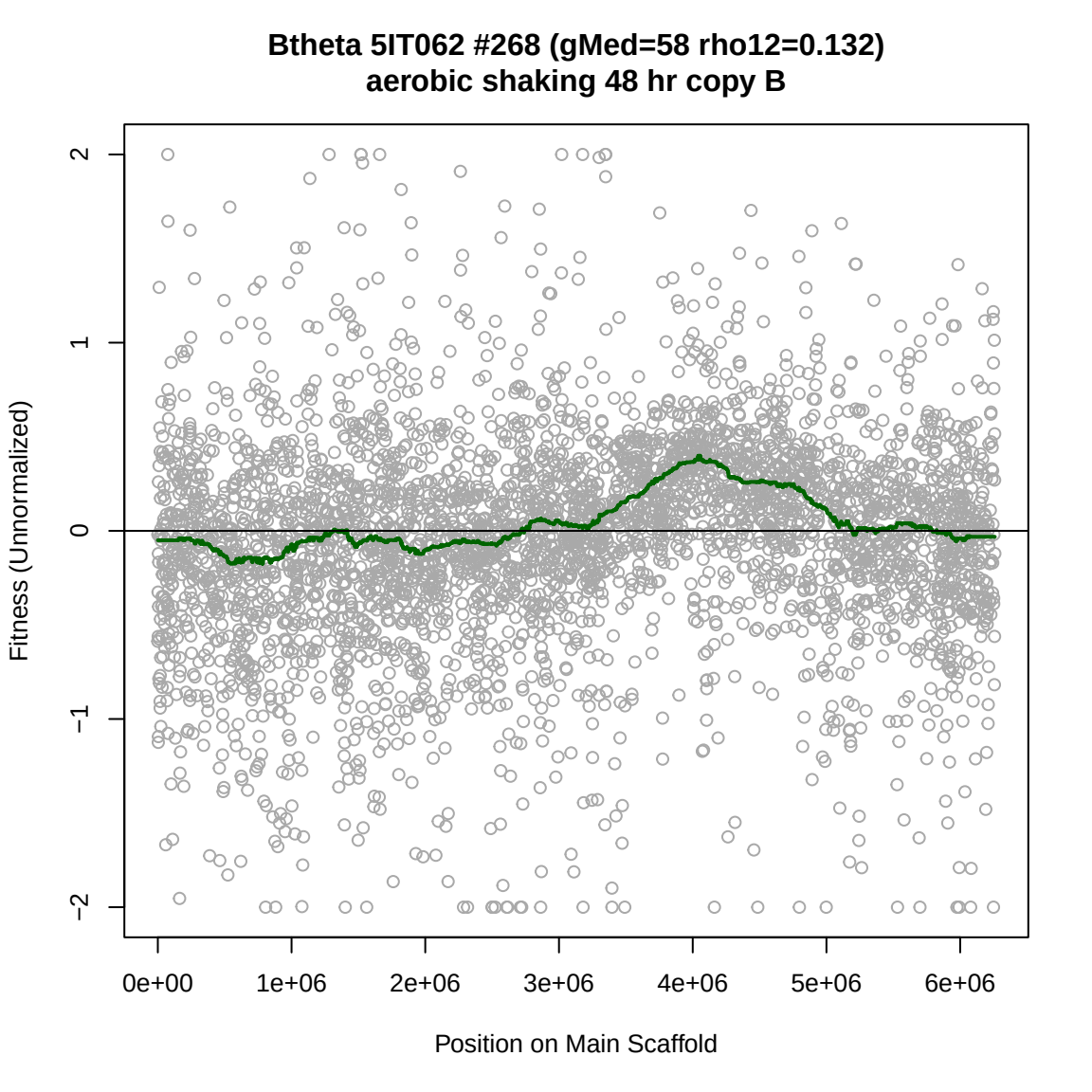

Btheta 5IT057 #263 (gMed=65 rho12=0.250)
Bile salts 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

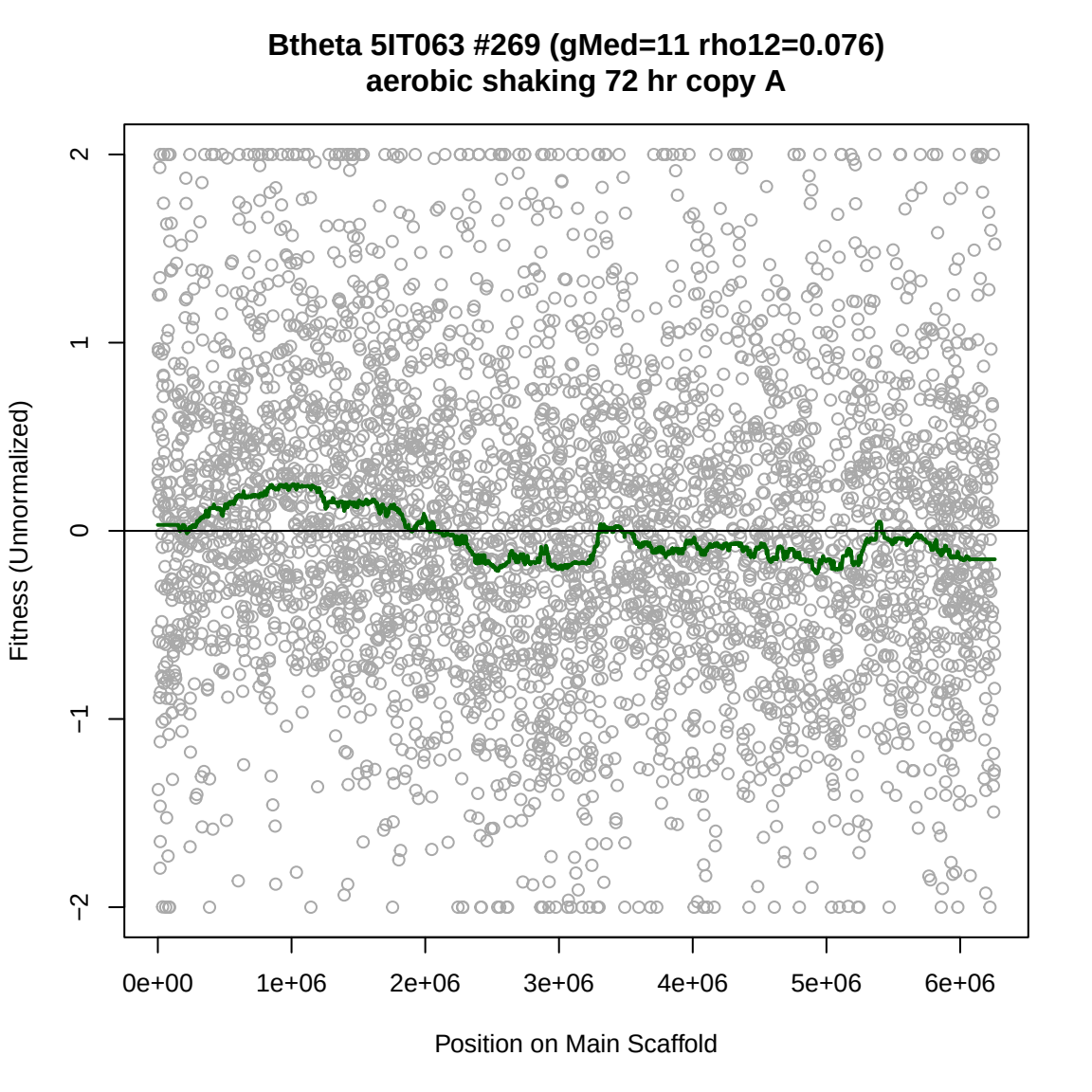

Btheta 5IT058 #264 (gMed=73 rho12=0.149)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

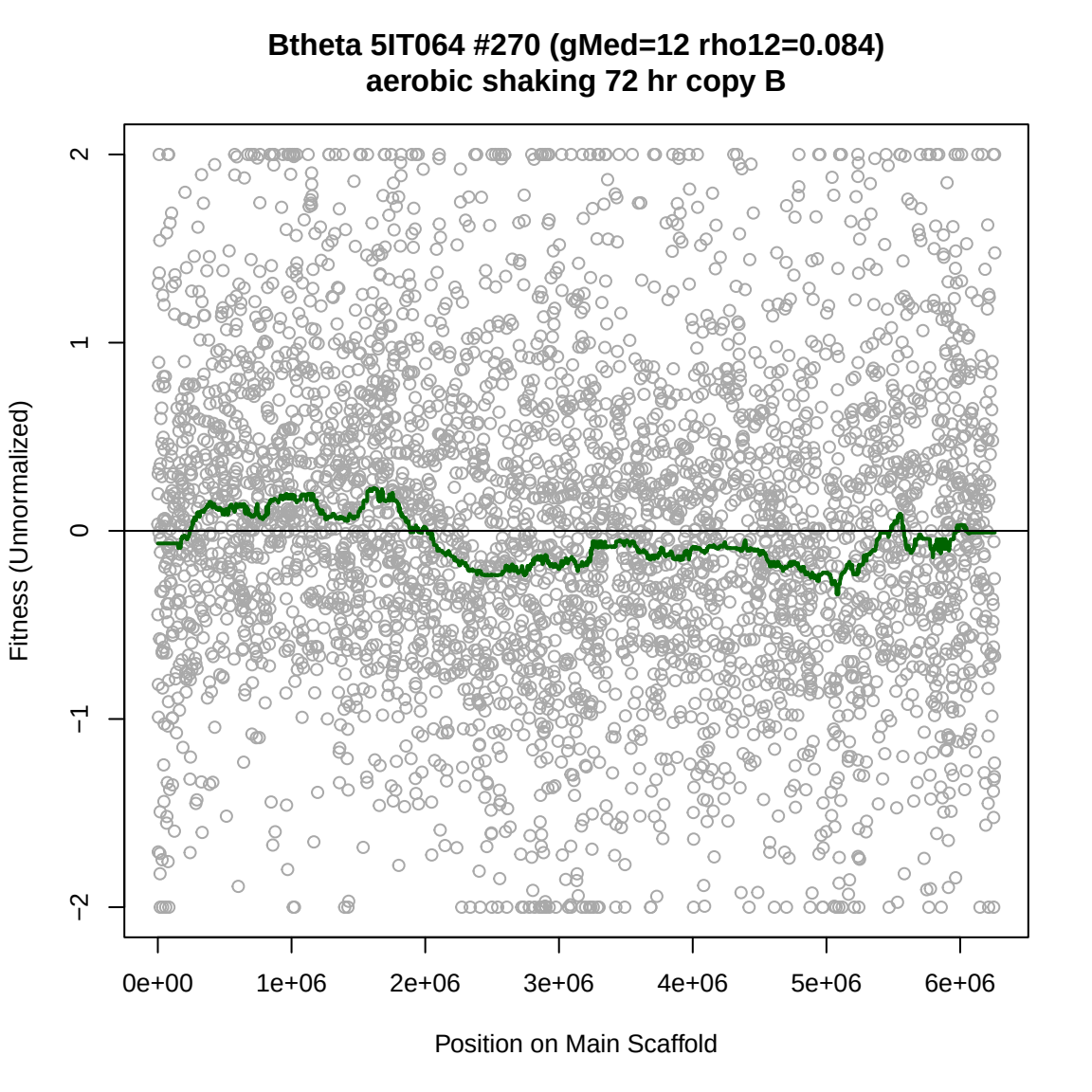

Btheta 5IT059 #265 (gMed=75 rho12=0.091)
aerobic shaking 24 hr copy A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

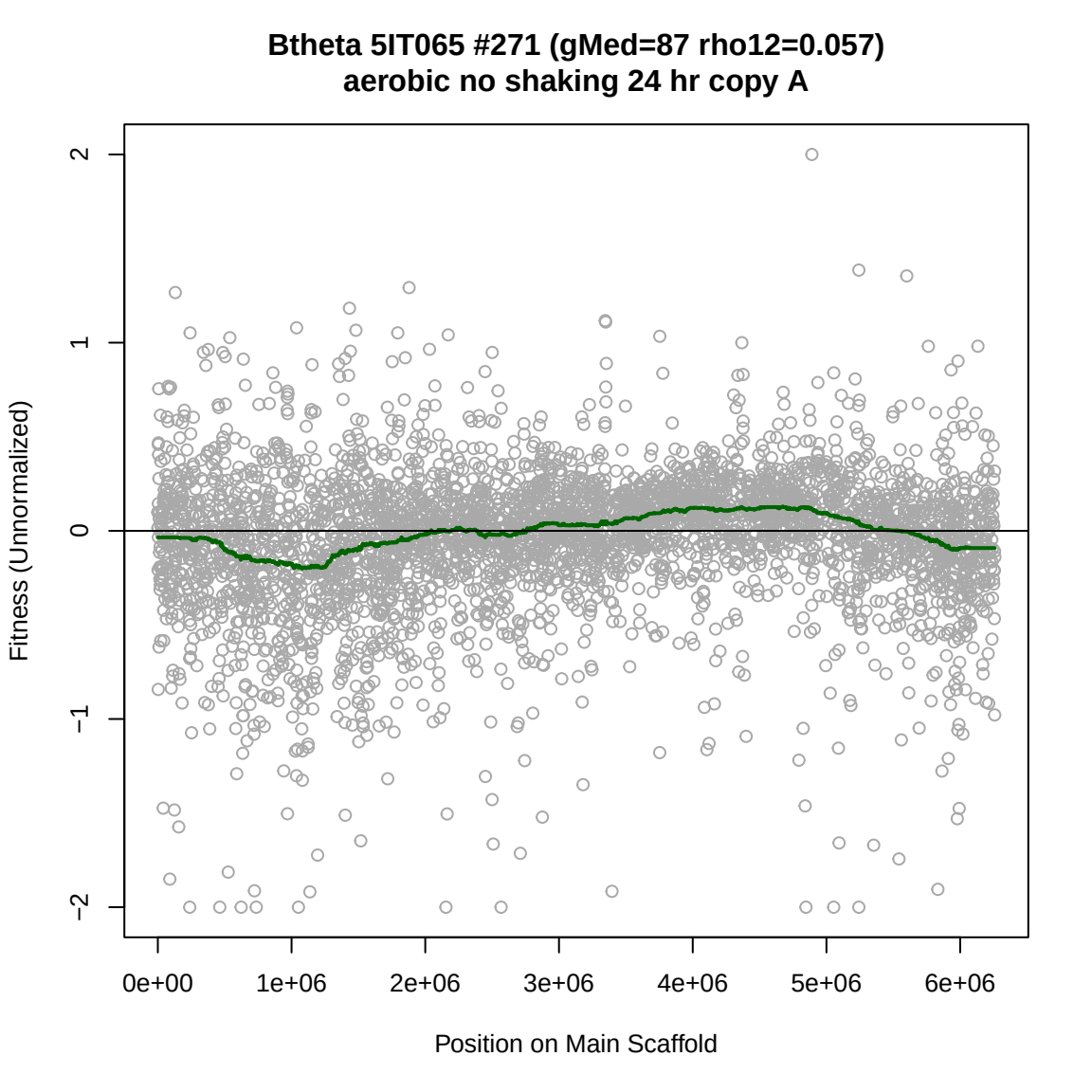

Btheta 5IT060 #266 (gMed=82 rho12=0.069)
aerobic shaking 24 hr copy B
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

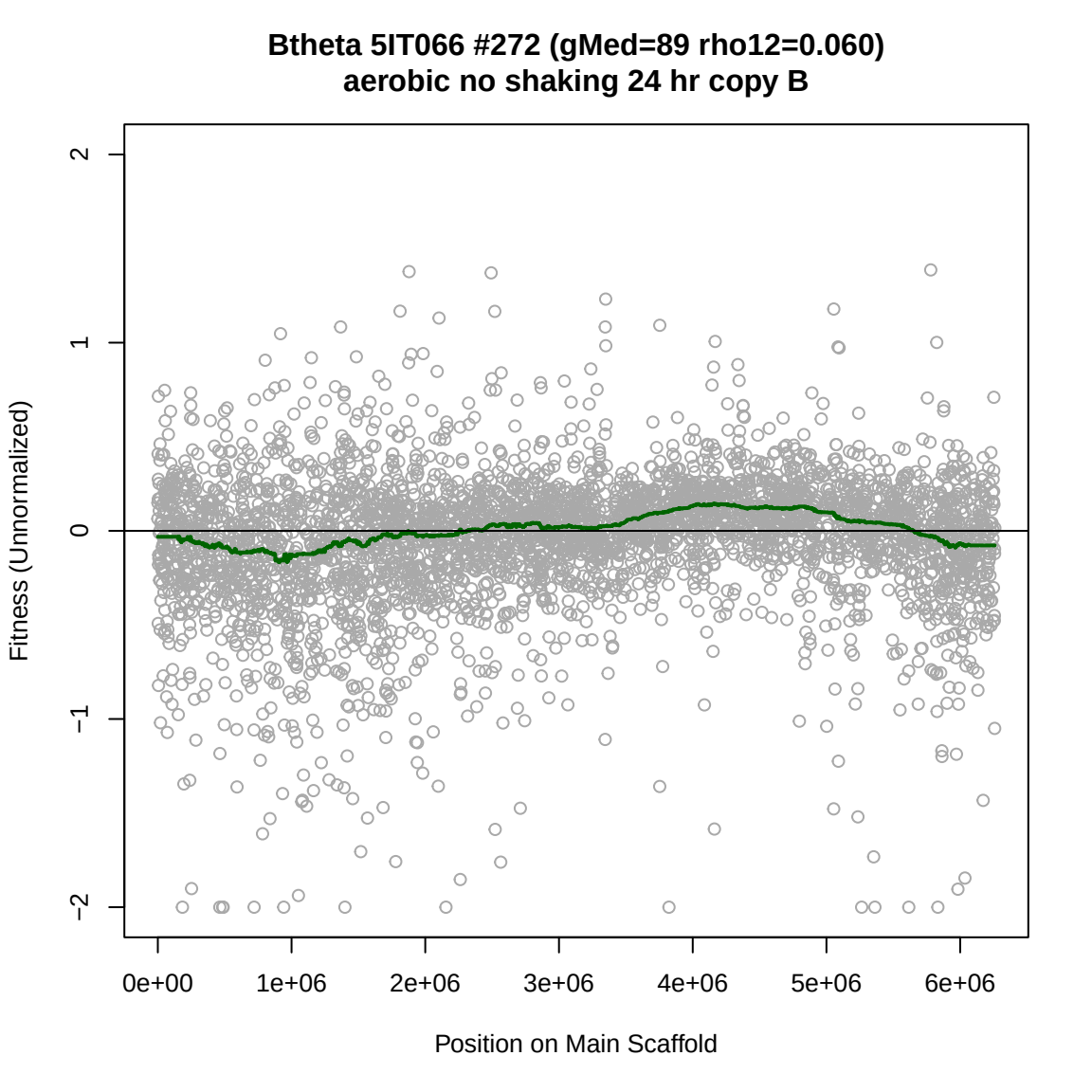

Btheta 5IT061 #267 (gMed=56 rho12=0.128)
aerobic shaking 48 hr copy A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

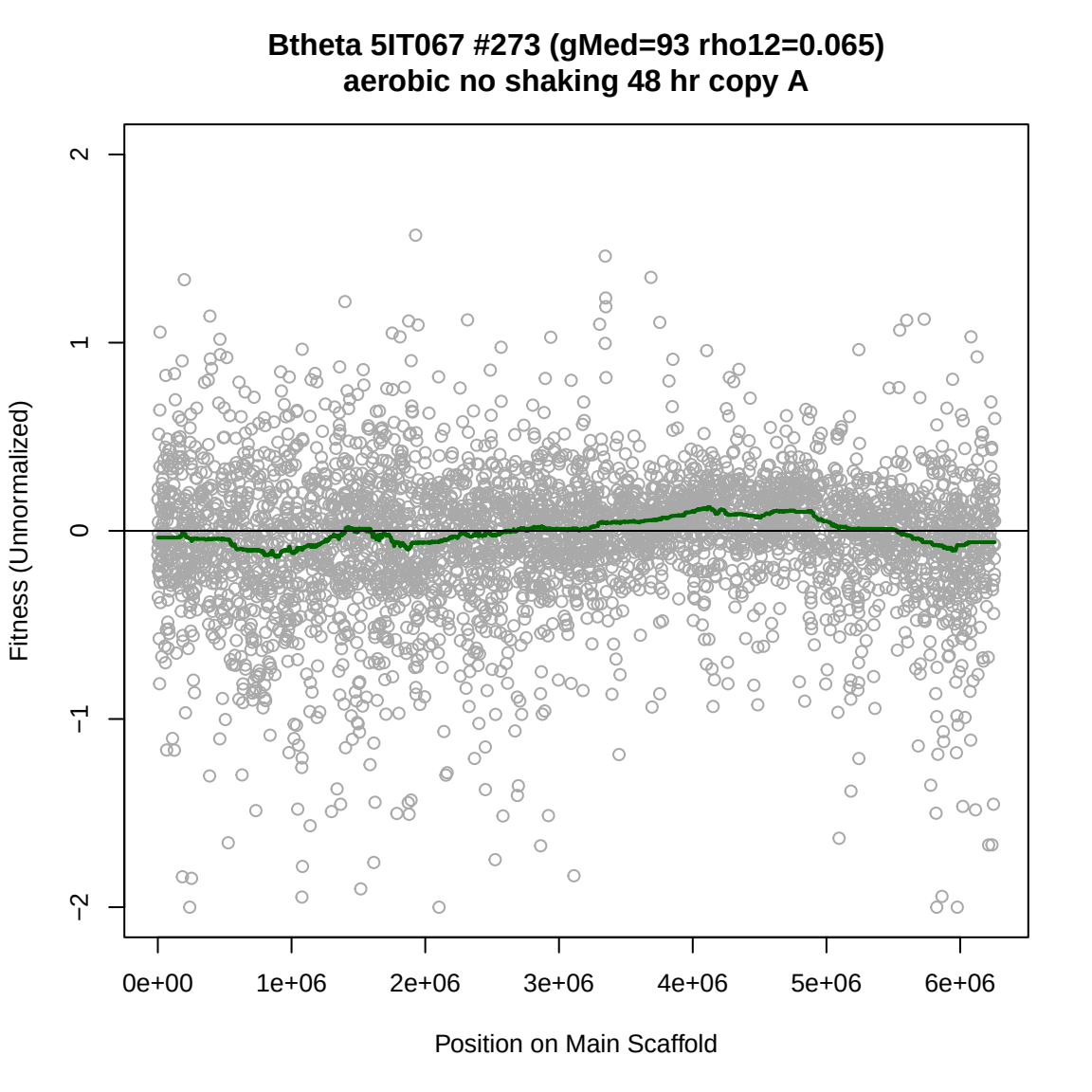

Btheta 5IT062 #268 (gMed=58 rho12=0.132)
aerobic shaking 48 hr copy B
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

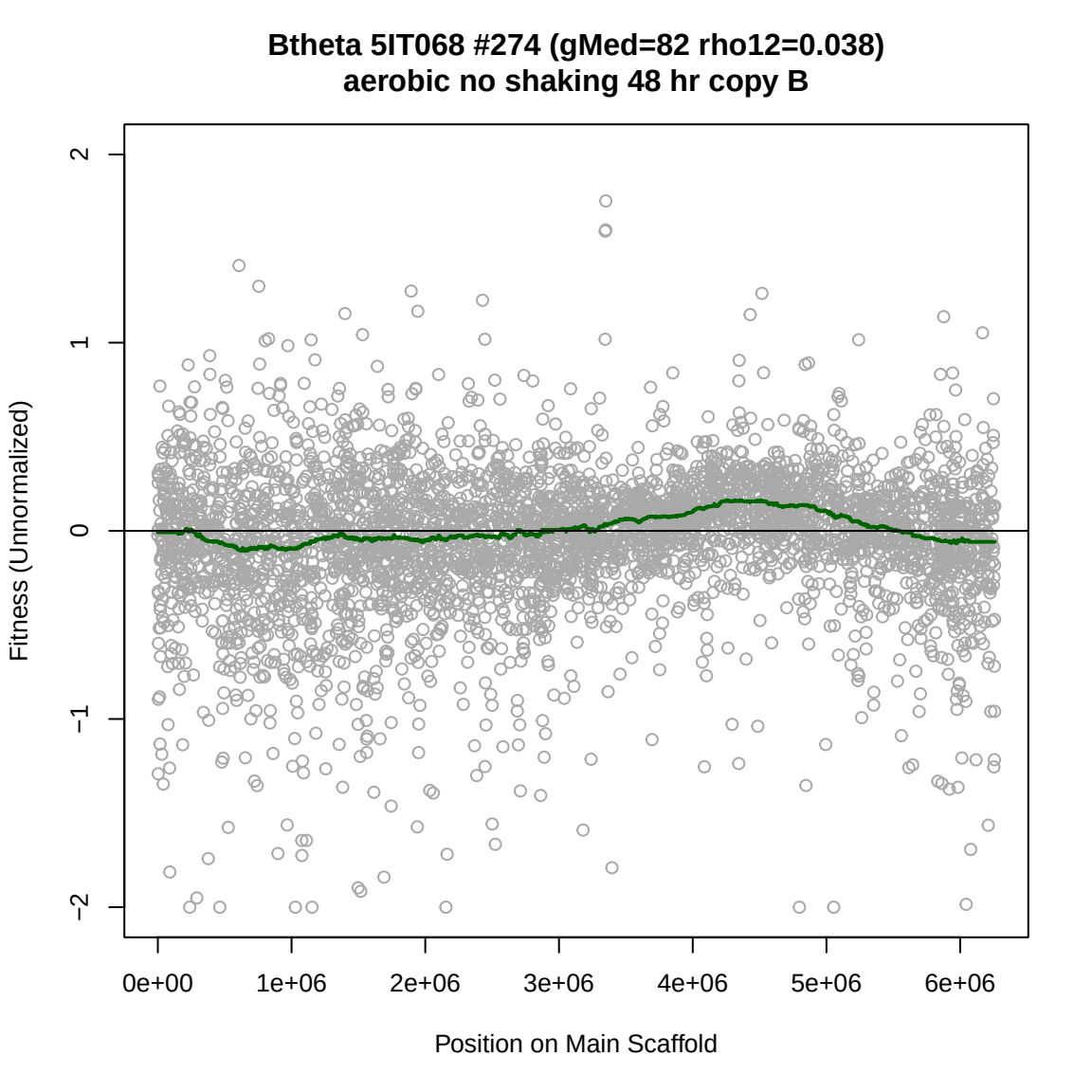

Btheta 5IT063 #269 (gMed=11 rho12=0.076)
aerobic shaking 72 hr copy A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

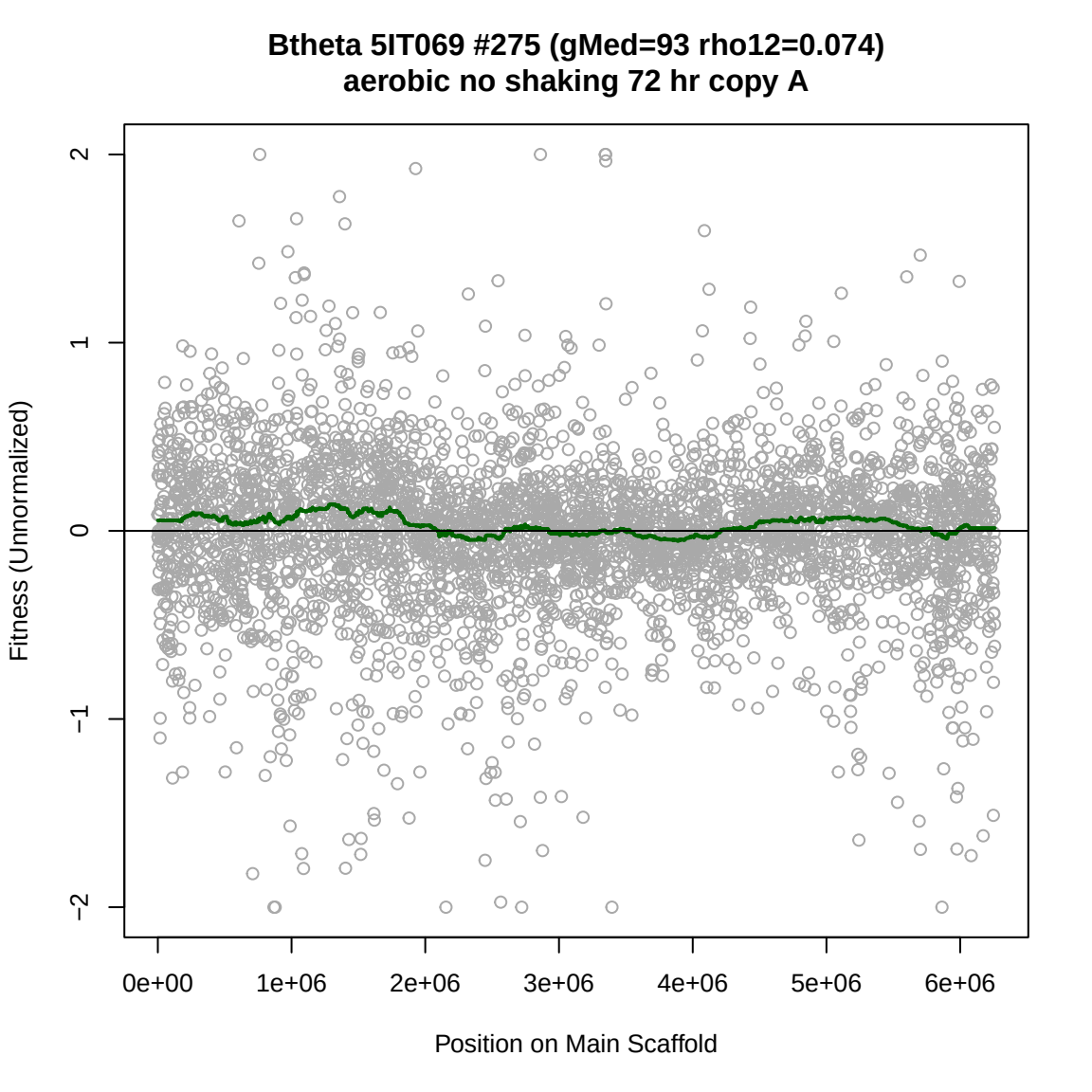

Btheta 5IT064 #270 (gMed=12 rho12=0.084)
aerobic shaking 72 hr copy B
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

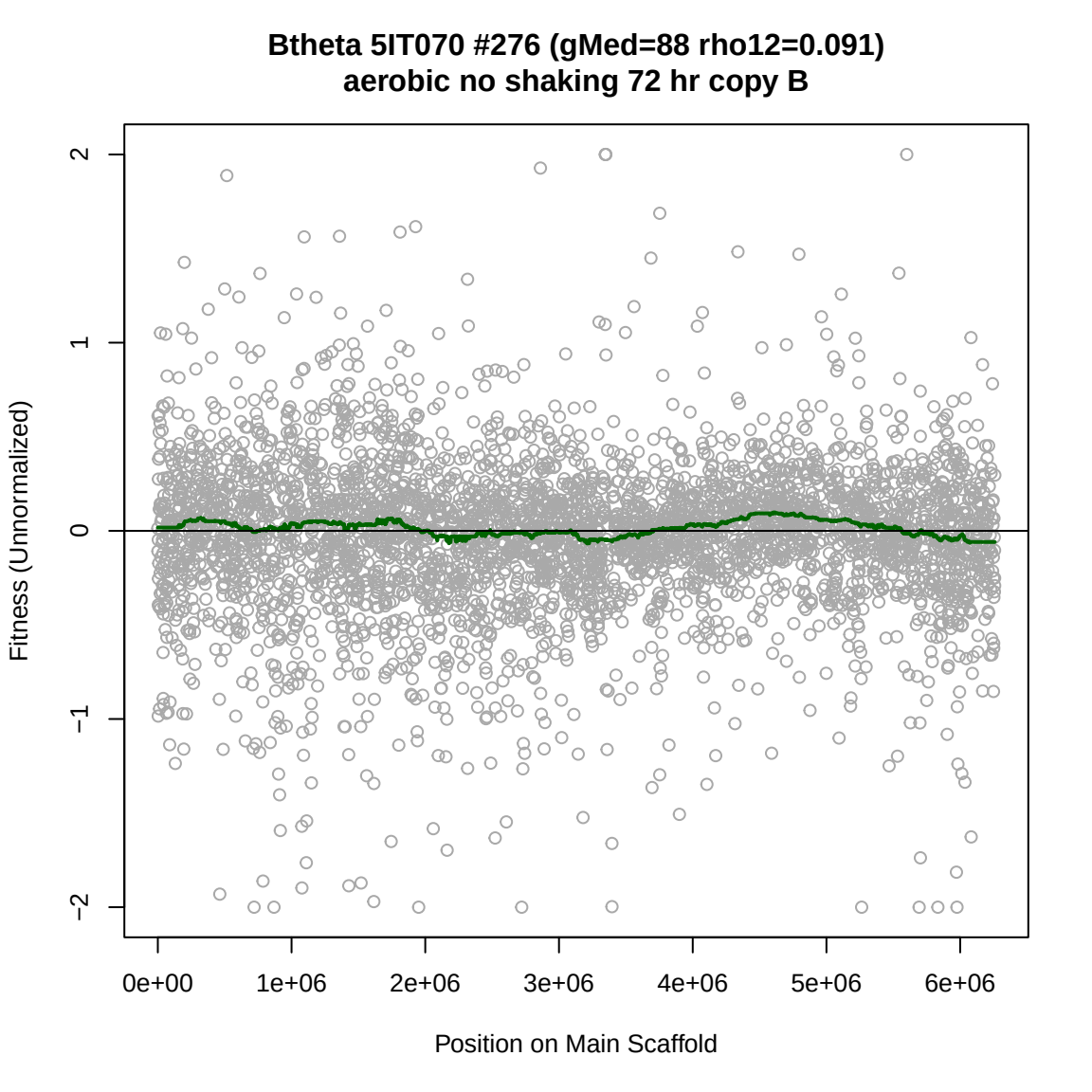

Btheta 5IT065 #271 (gMed=87 rho12=0.057)
aerobic no shaking 24 hr copy A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

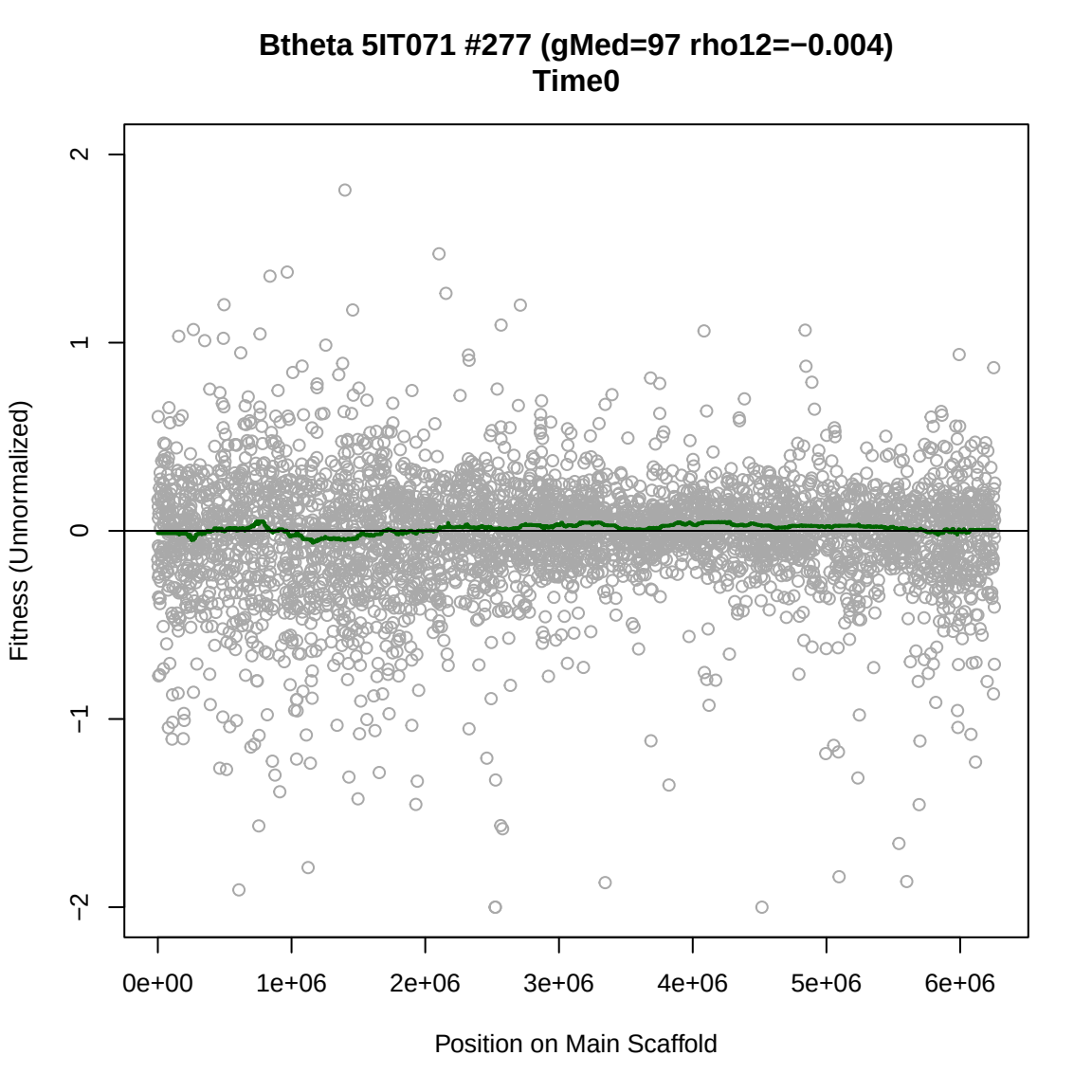

Btheta 5IT066 #272 (gMed=89 rho12=0.060)
aerobic no shaking 24 hr copy B
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

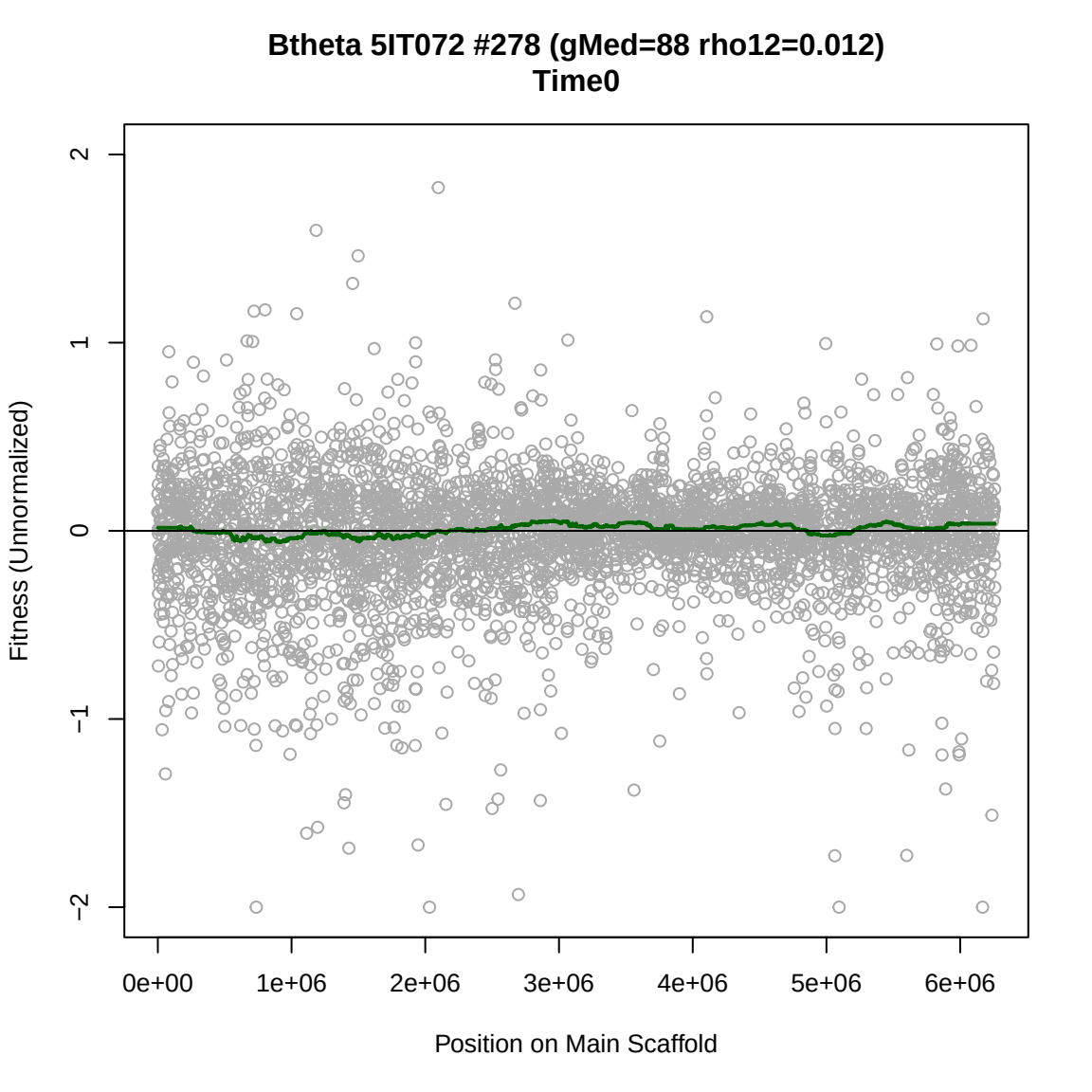

Btheta 5IT067 #273 (gMed=93 rho12=0.065)
aerobic no shaking 48 hr copy A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

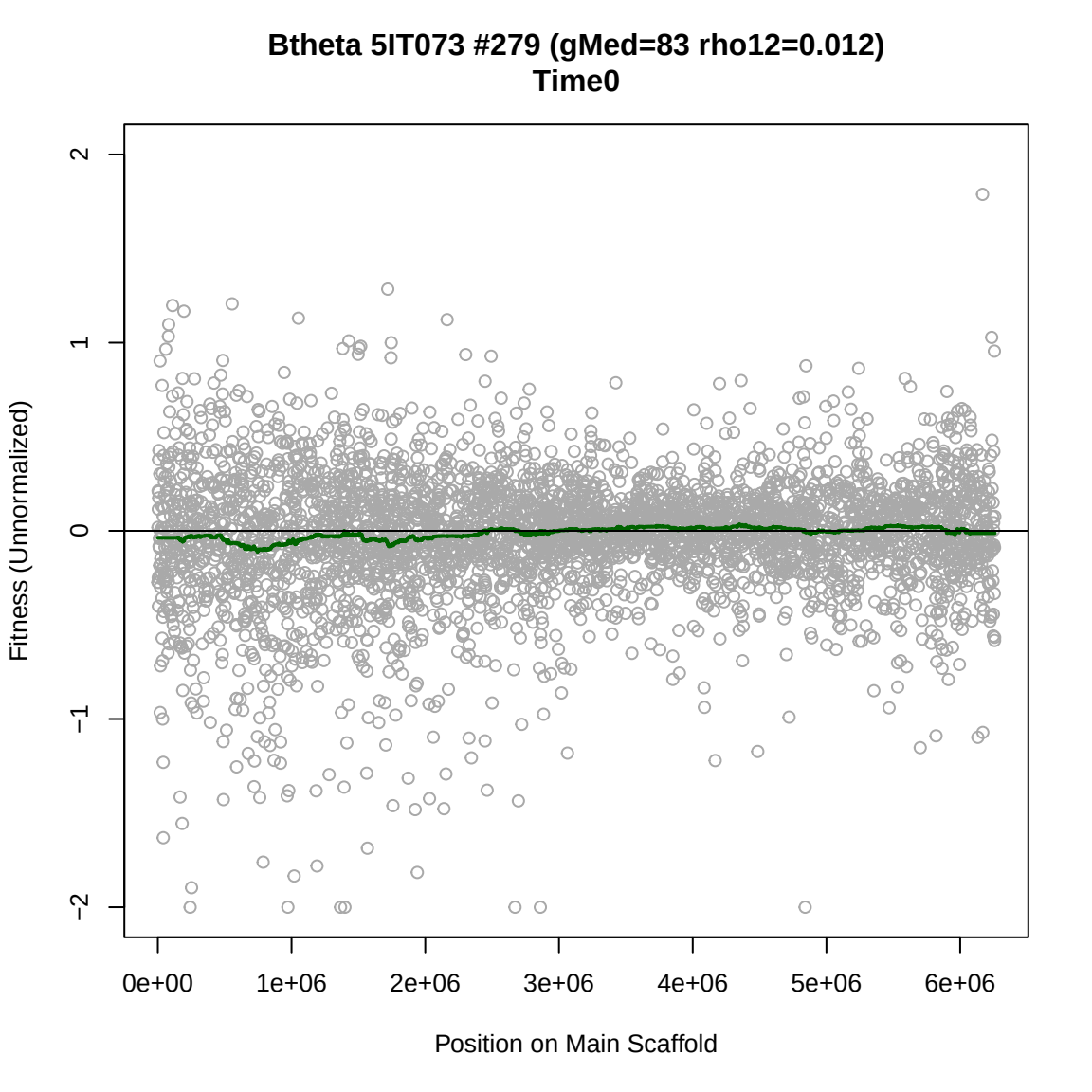

Btheta 5IT068 #274 (gMed=82 rho12=0.038)
aerobic no shaking 48 hr copy B
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

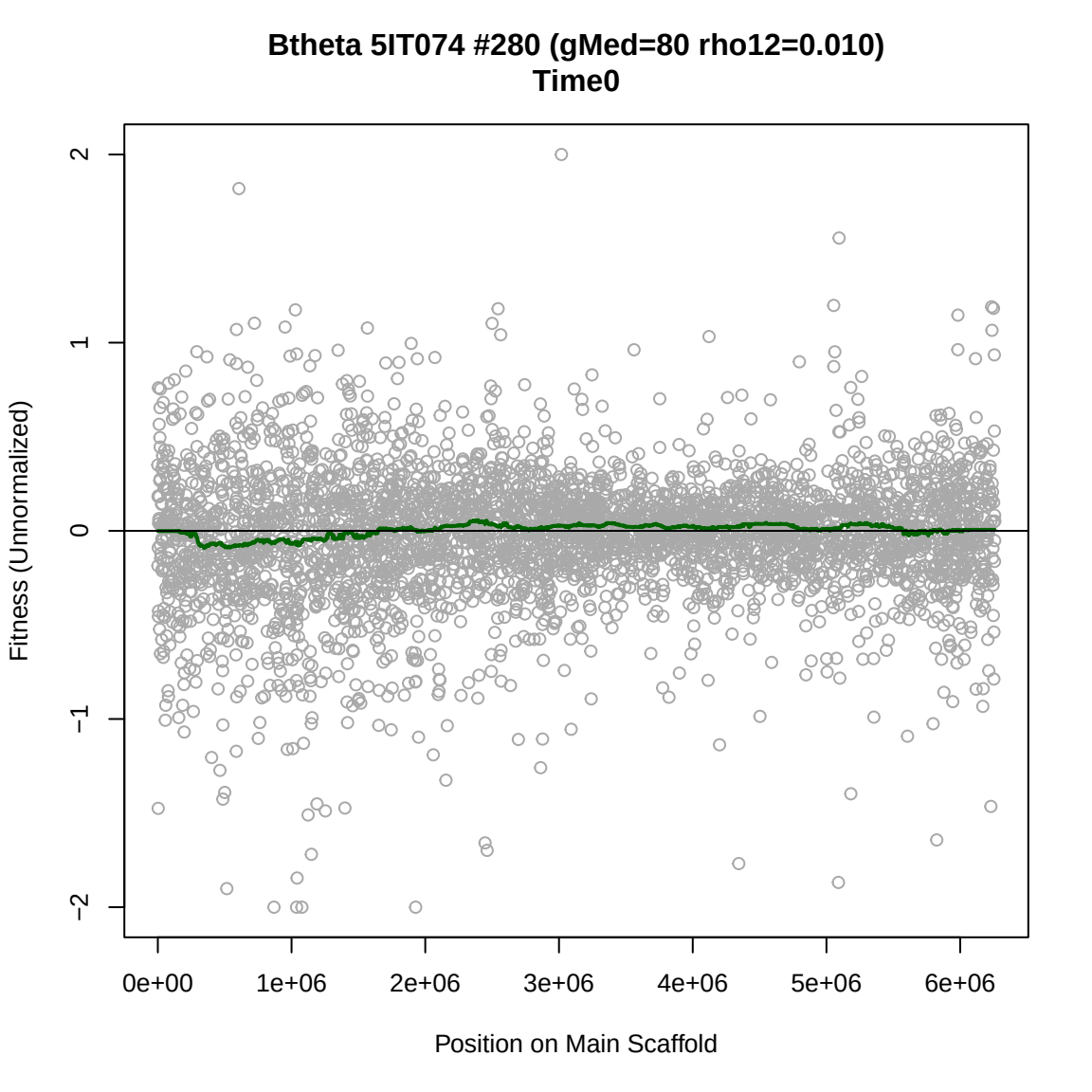

Btheta 5IT069 #275 (gMed=93 rho12=0.074)
aerobic no shaking 72 hr copy A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

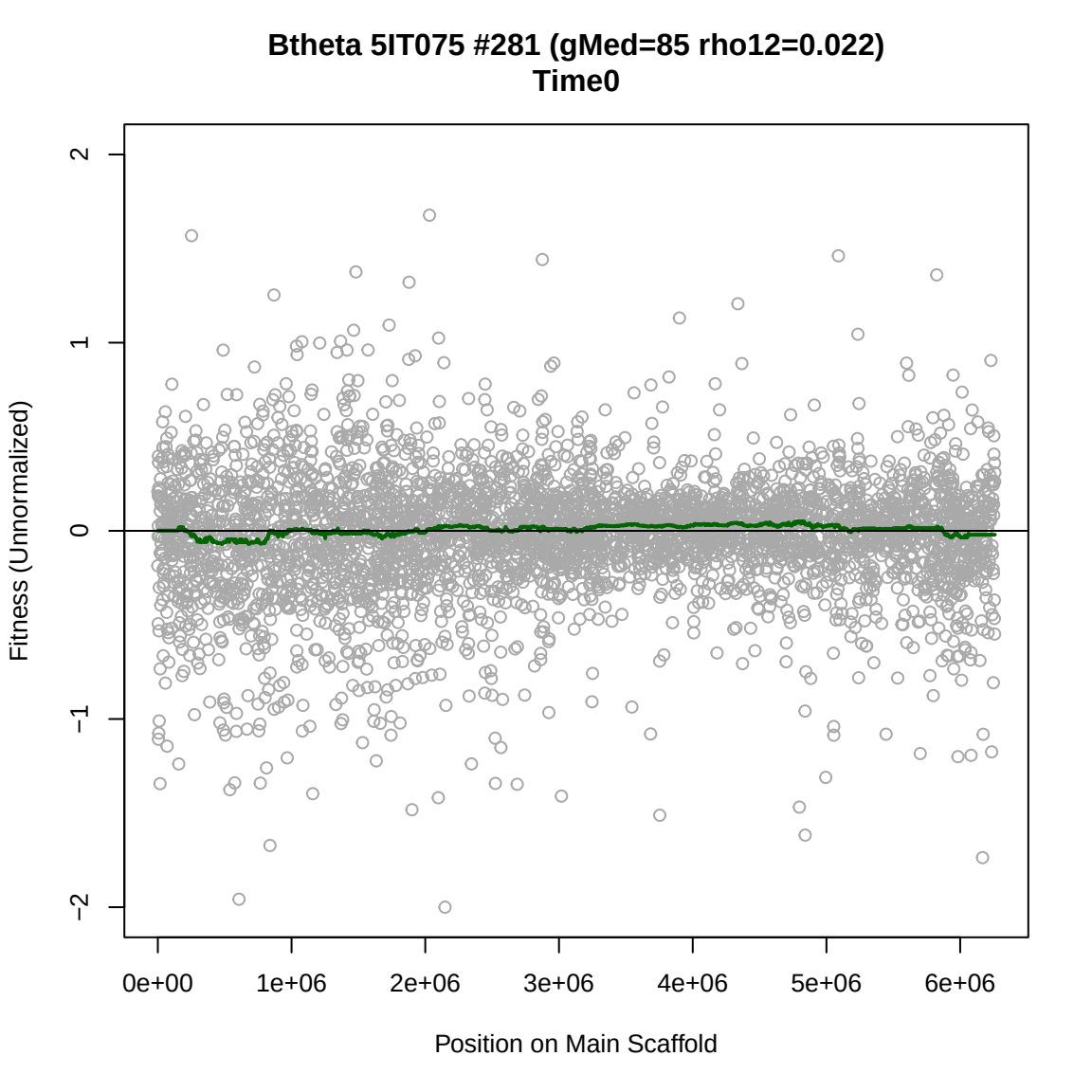

Btheta 5IT070 #276 (gMed=88 rho12=0.091)
aerobic no shaking 72 hr copy B
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

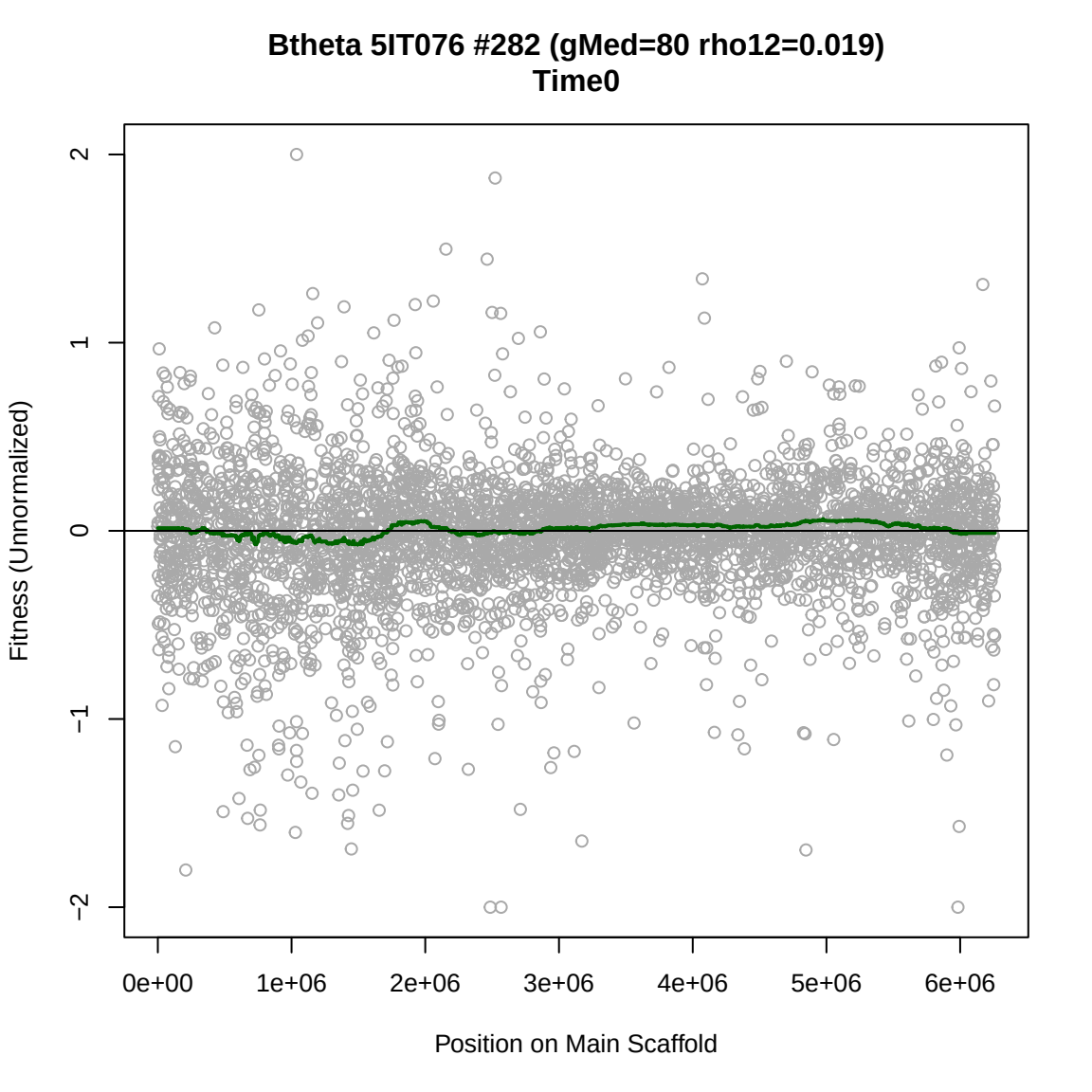

Btheta 5IT071 #277 (gMed=97 rho12=−0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

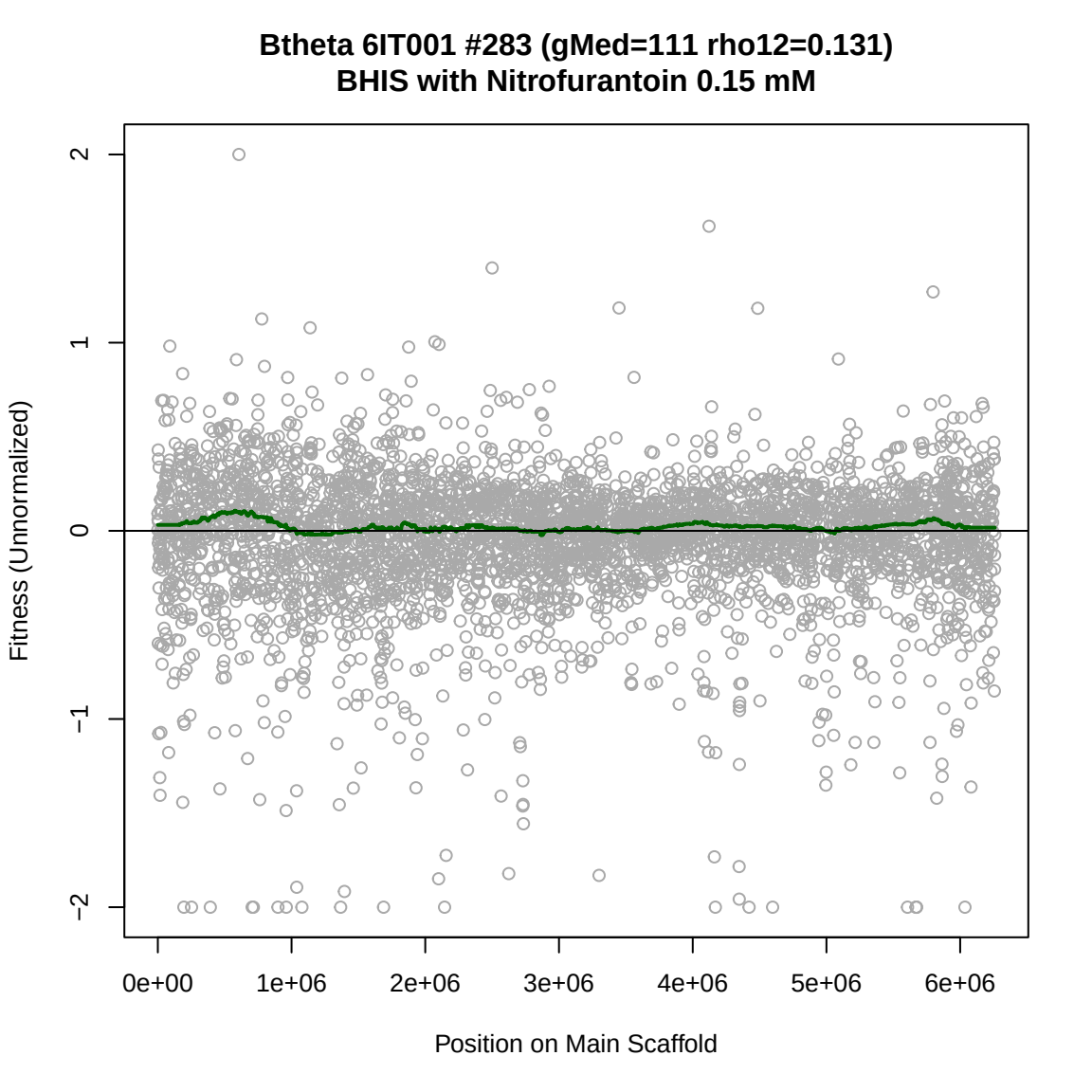

Btheta 5IT072 #278 (gMed=88 rho12=0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

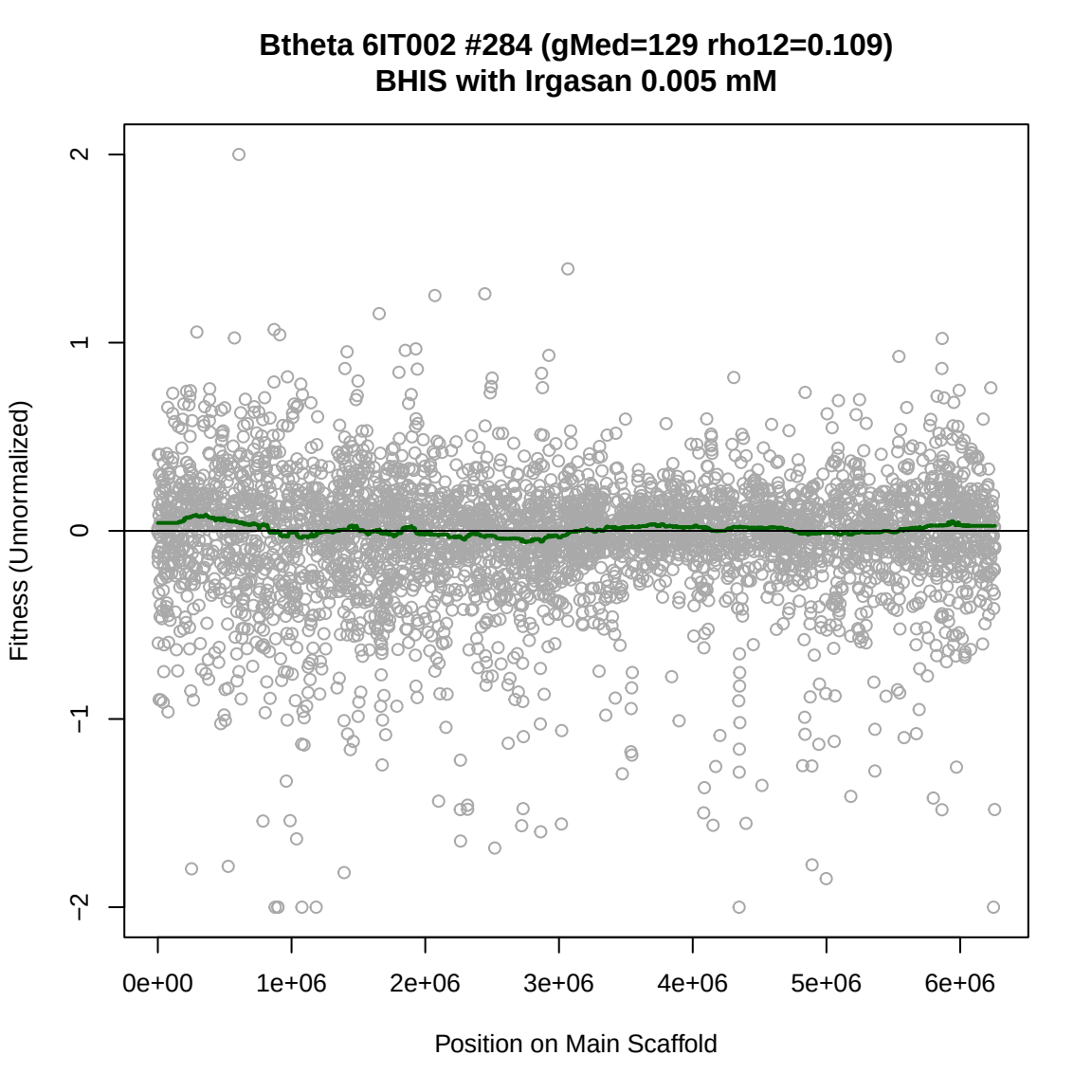

Btheta 5IT073 #279 (gMed=83 rho12=0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

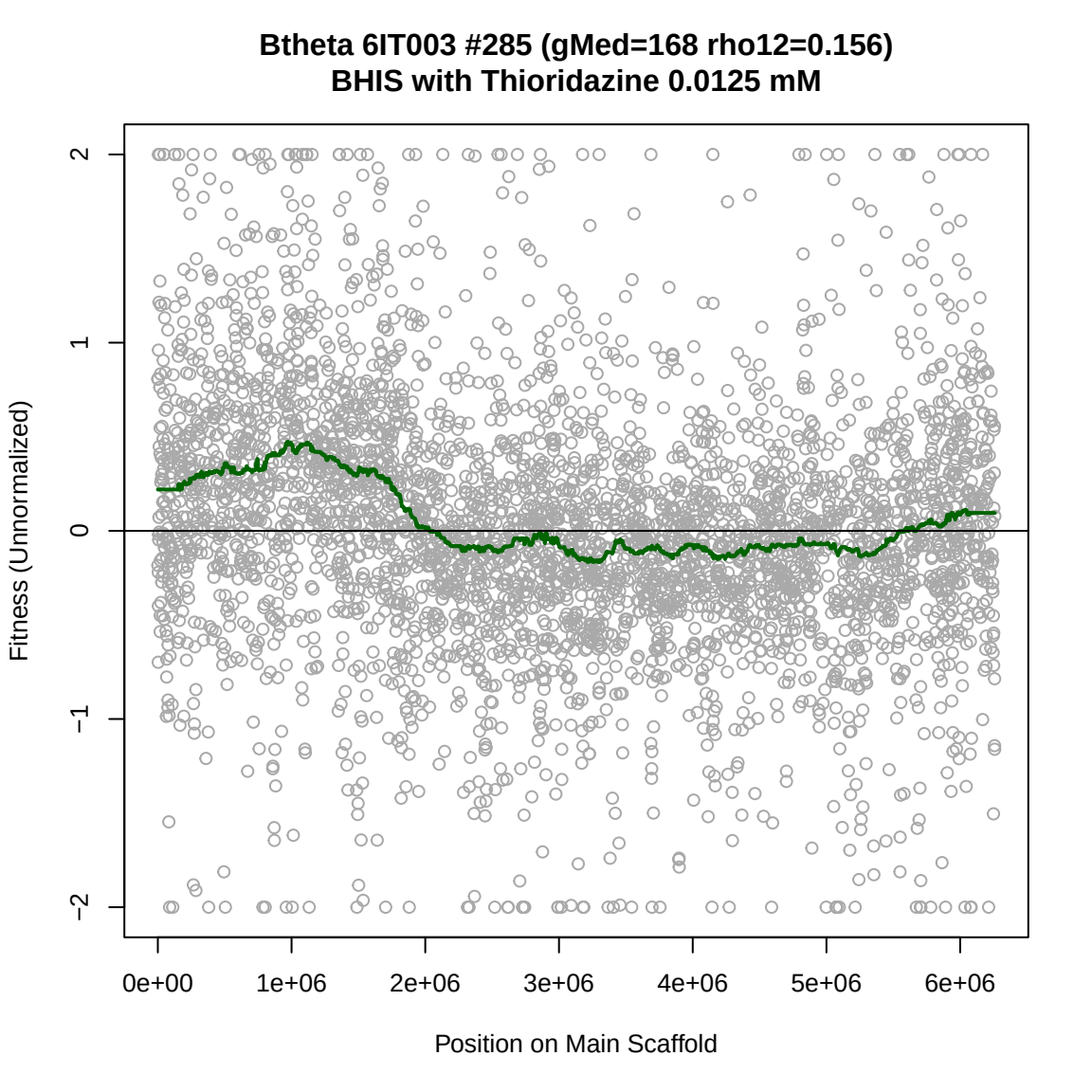

Btheta 5IT074 #280 (gMed=80 rho12=0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

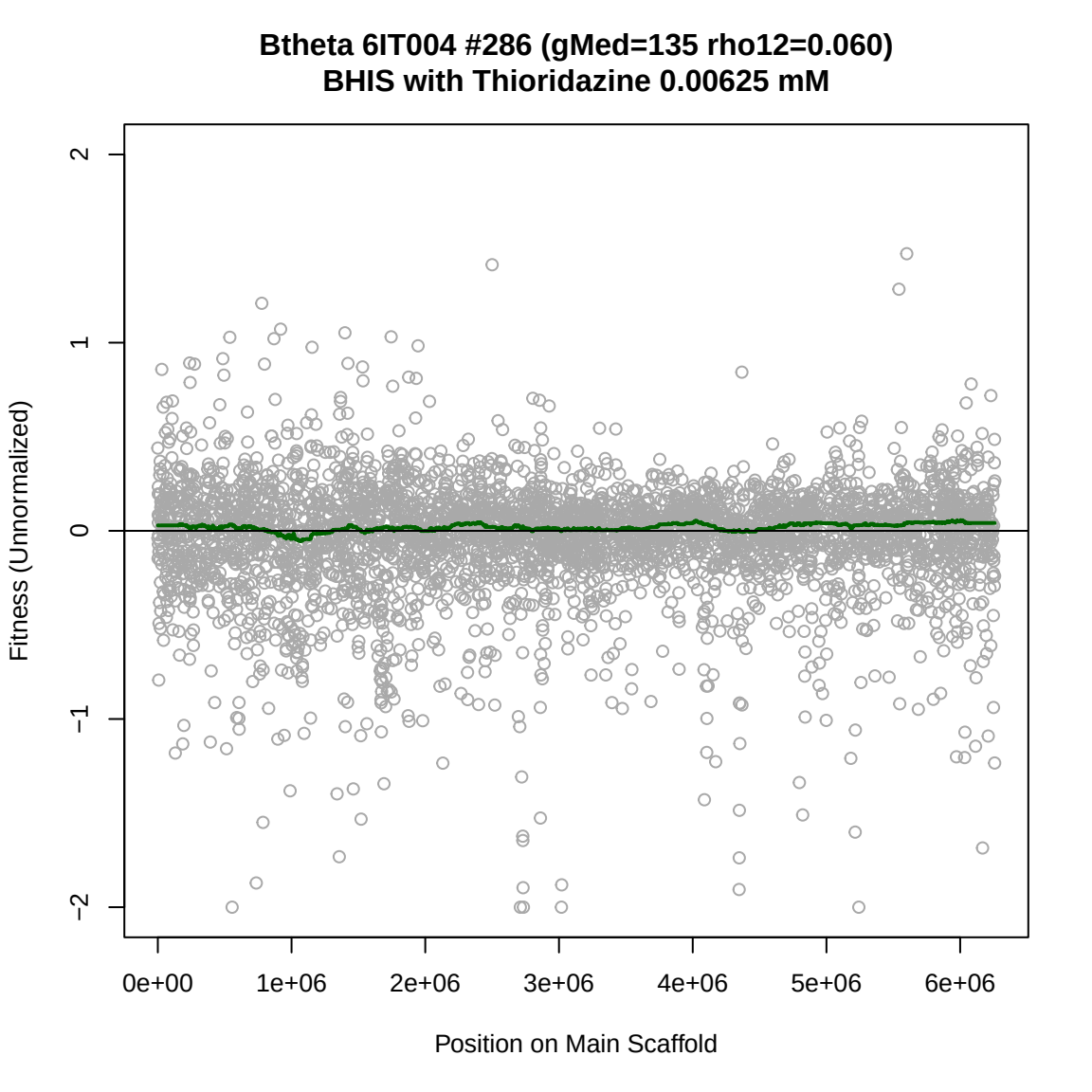

Btheta 5IT075 #281 (gMed=85 rho12=0.022)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

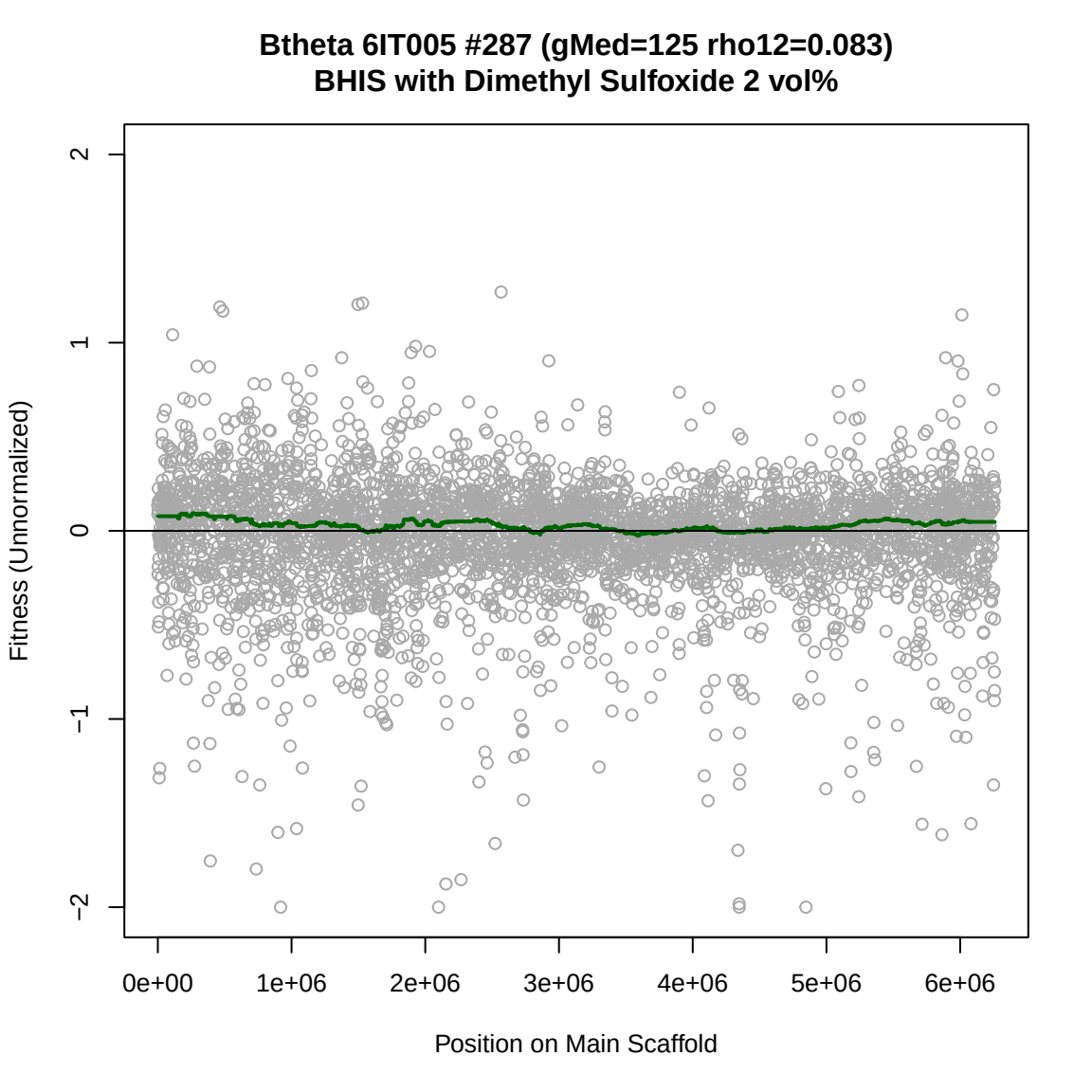

Btheta 5IT076 #282 (gMed=80 rho12=0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

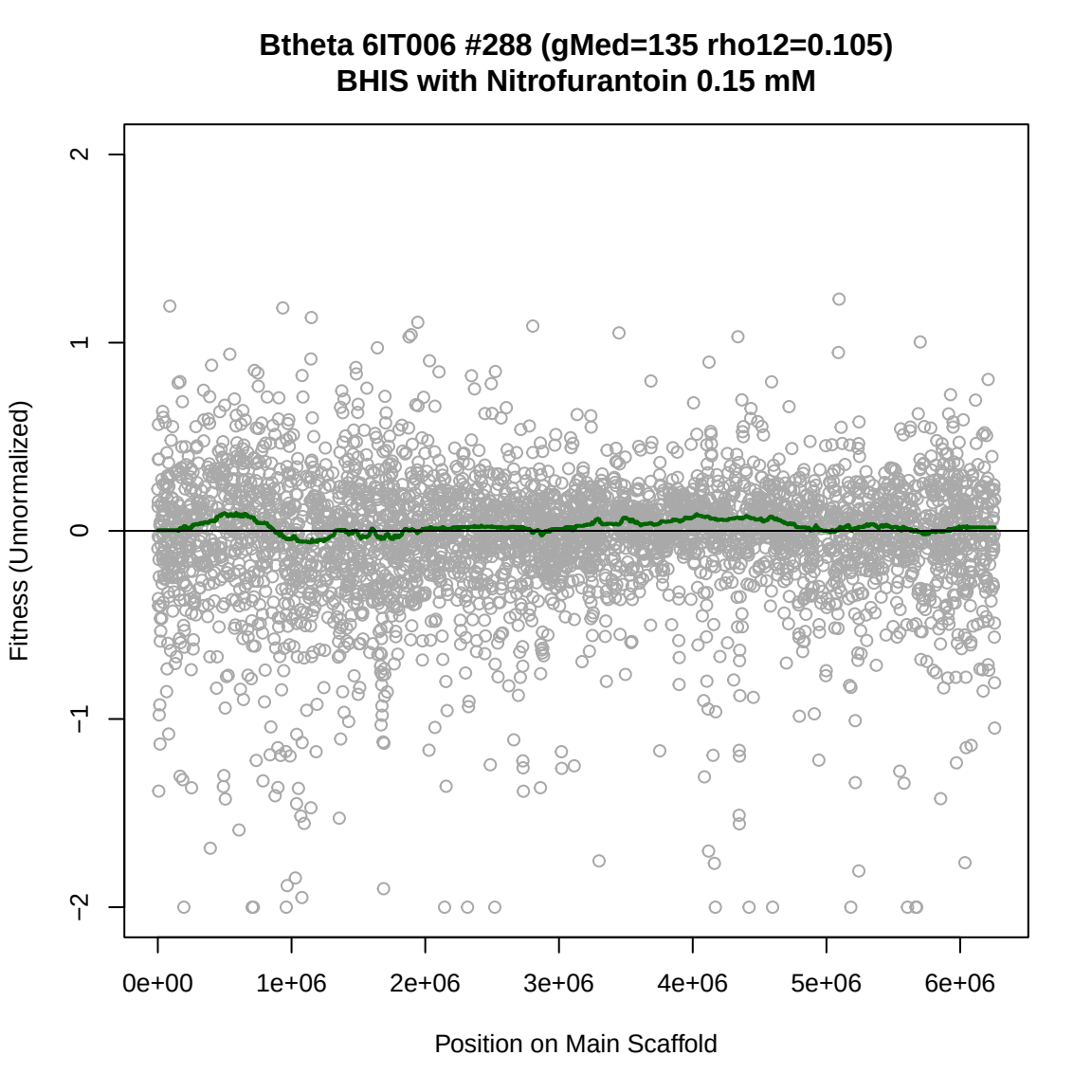

Btheta 6IT001 #283 (gMed=111 rho12=0.131)
BHIS with Nitrofurantoin 0.15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

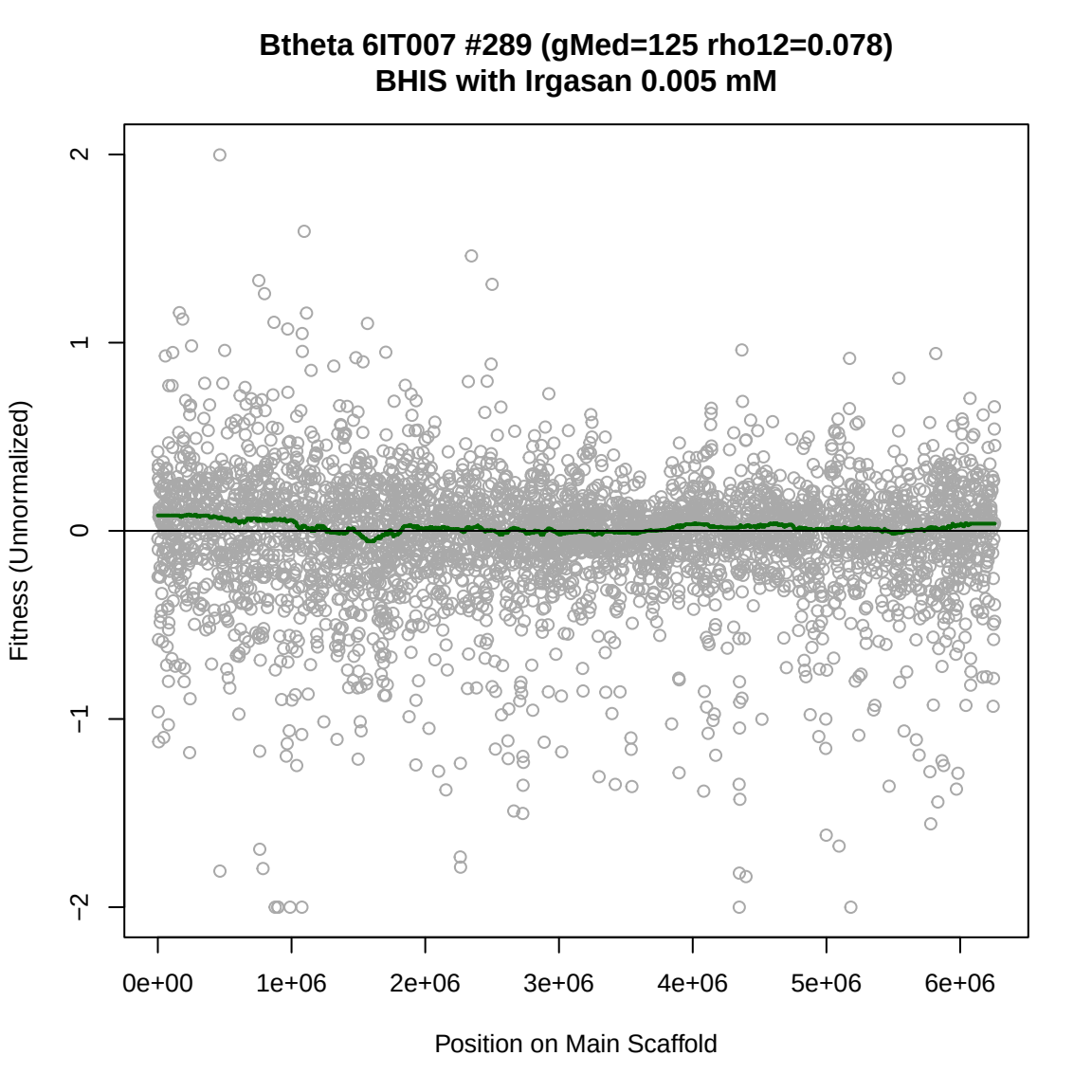

Btheta 6IT002 #284 (gMed=129 rho12=0.109)
BHIS with Irgasan 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

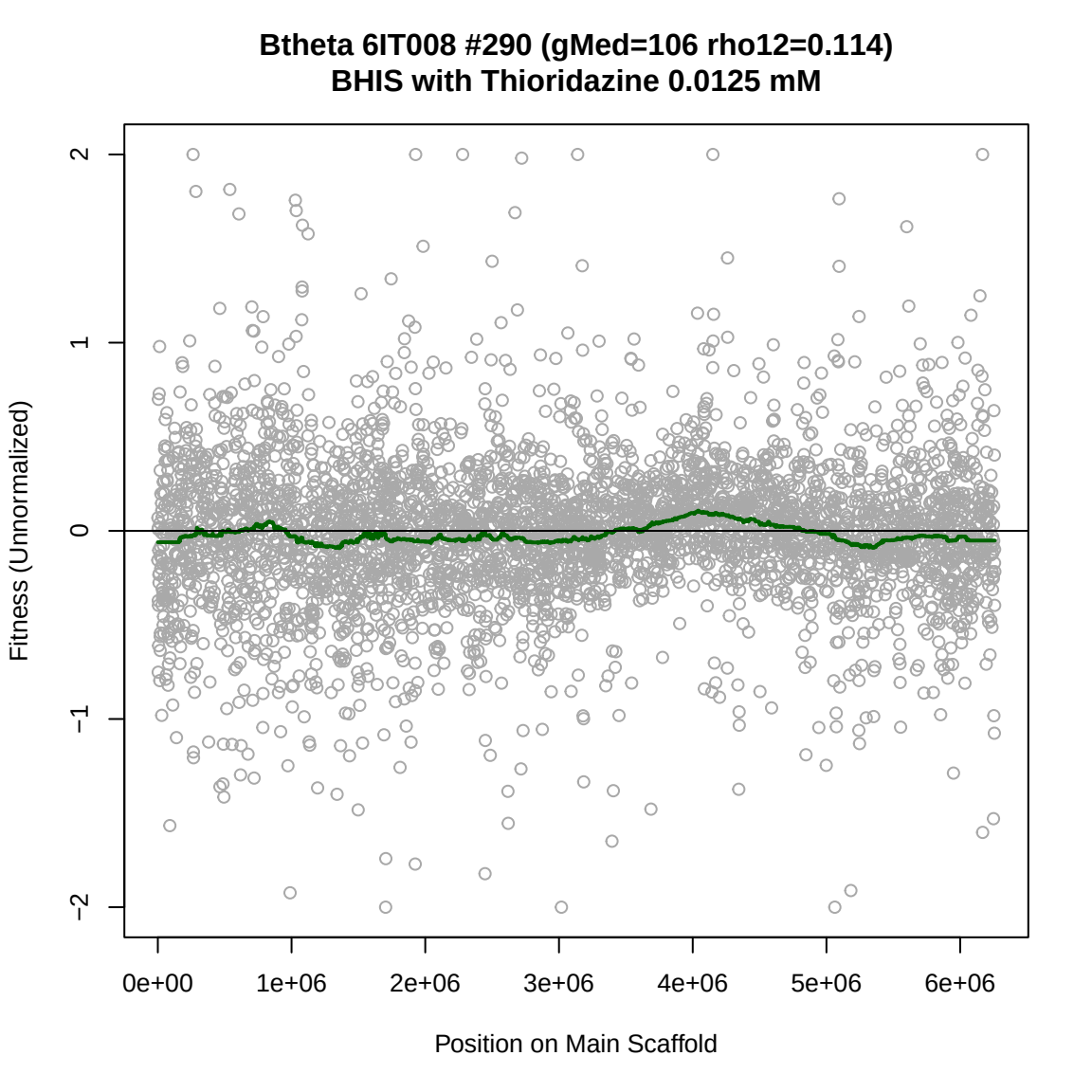

Btheta 6IT003 #285 (gMed=168 rho12=0.156)
BHIS with Thioridazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

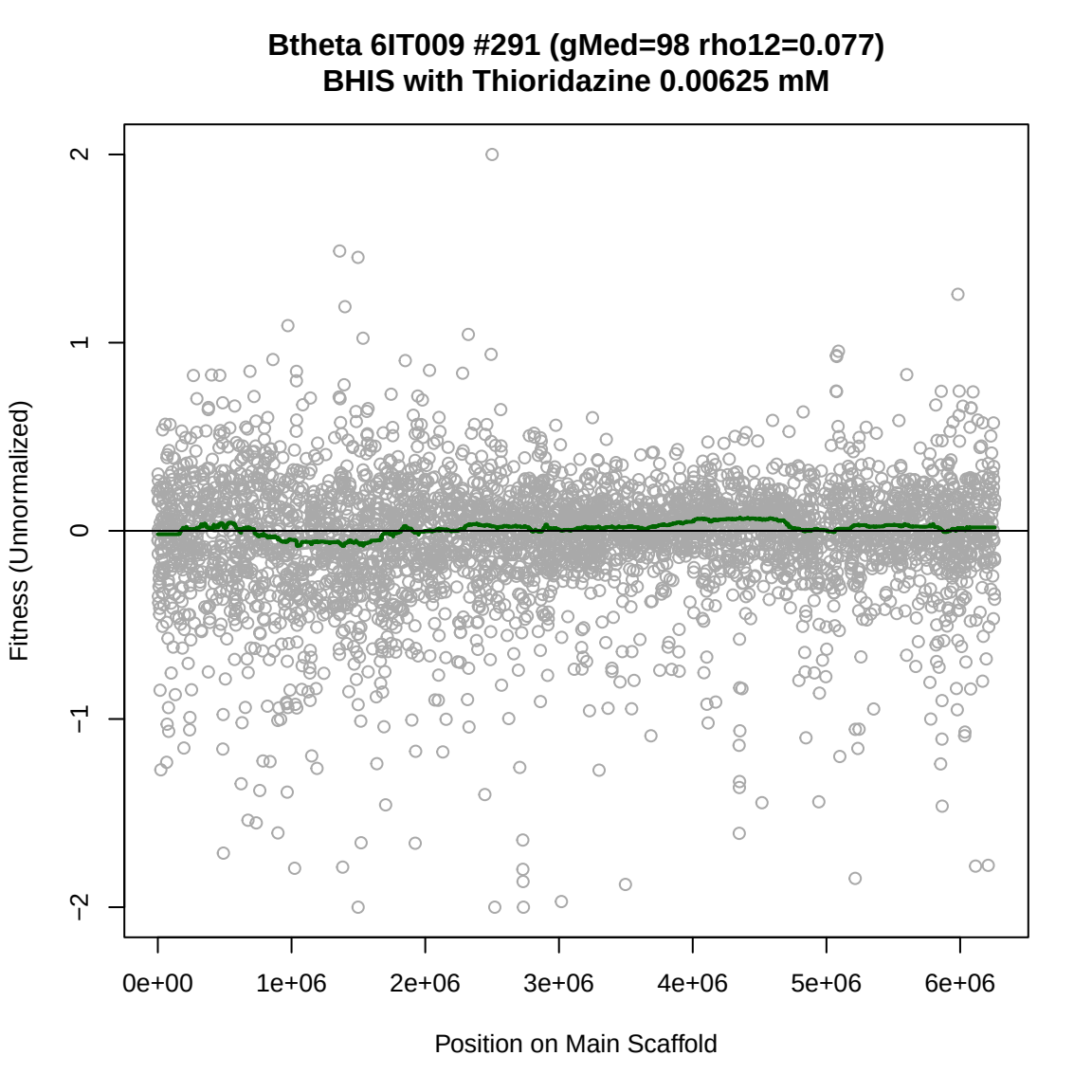

Btheta 6IT004 #286 (gMed=135 rho12=0.060)
BHIS with Thioridazine 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

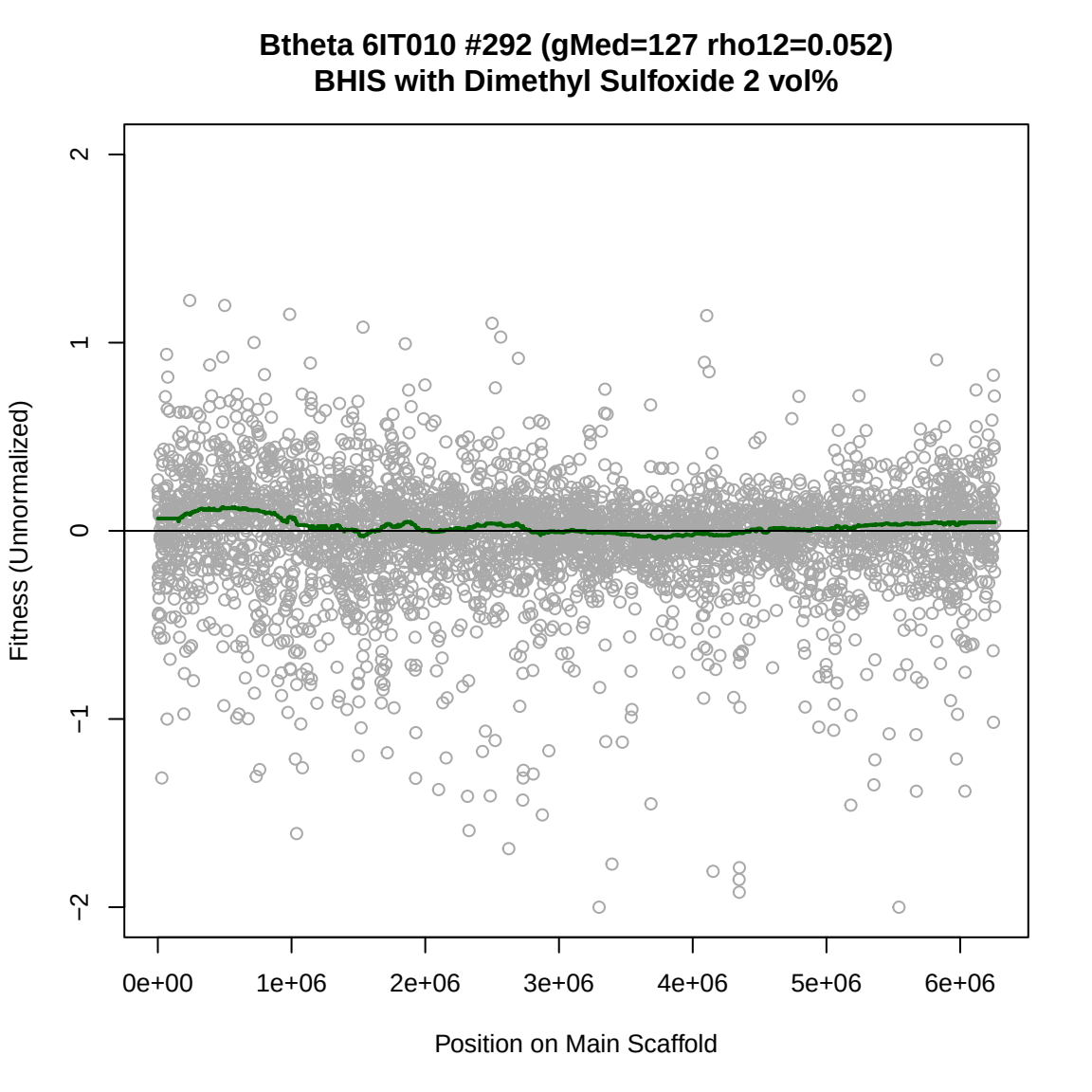

Btheta 6IT005 #287 (gMed=125 rho12=0.083)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

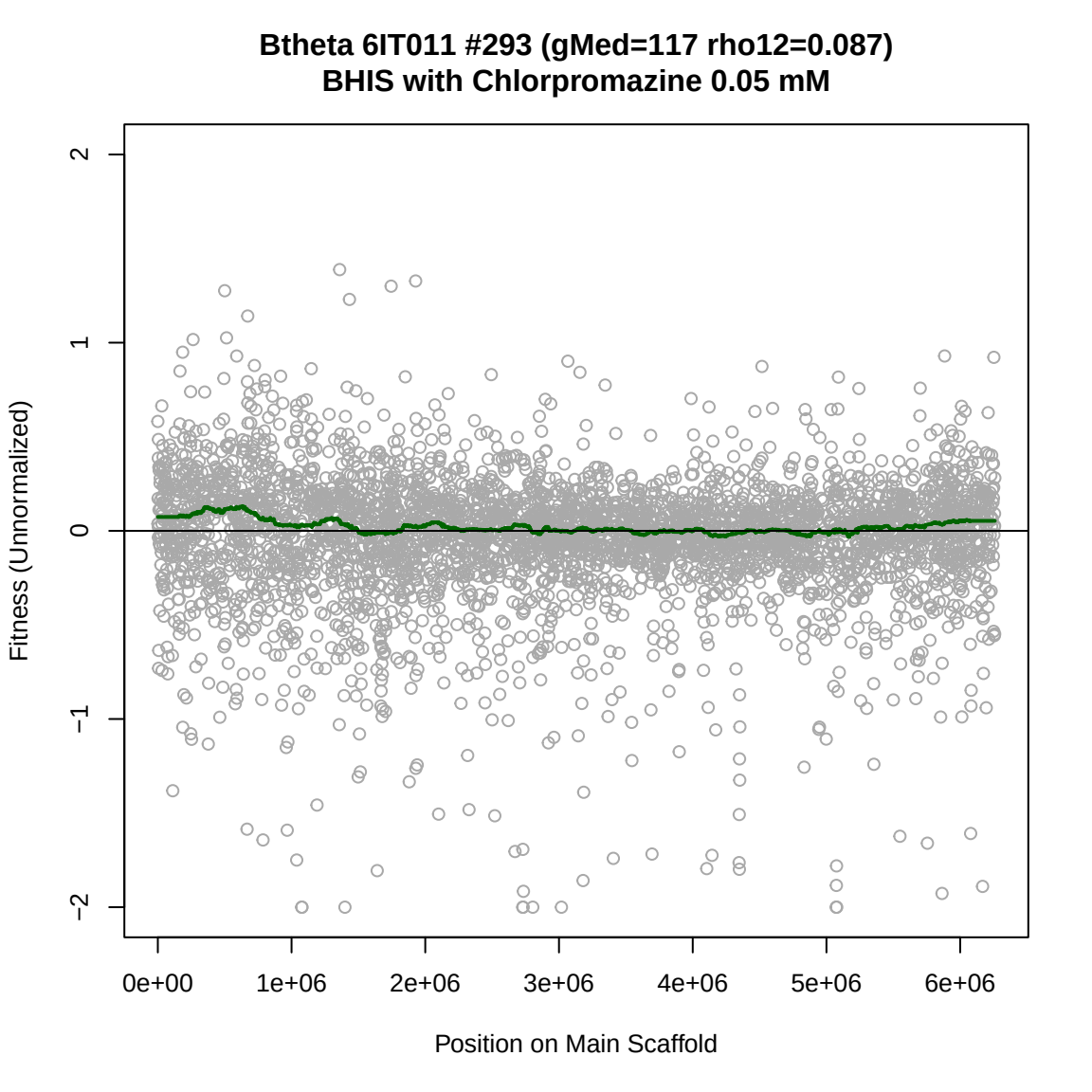

Btheta 6IT006 #288 (gMed=135 rho12=0.105)
BHIS with Nitrofurantoin 0.15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

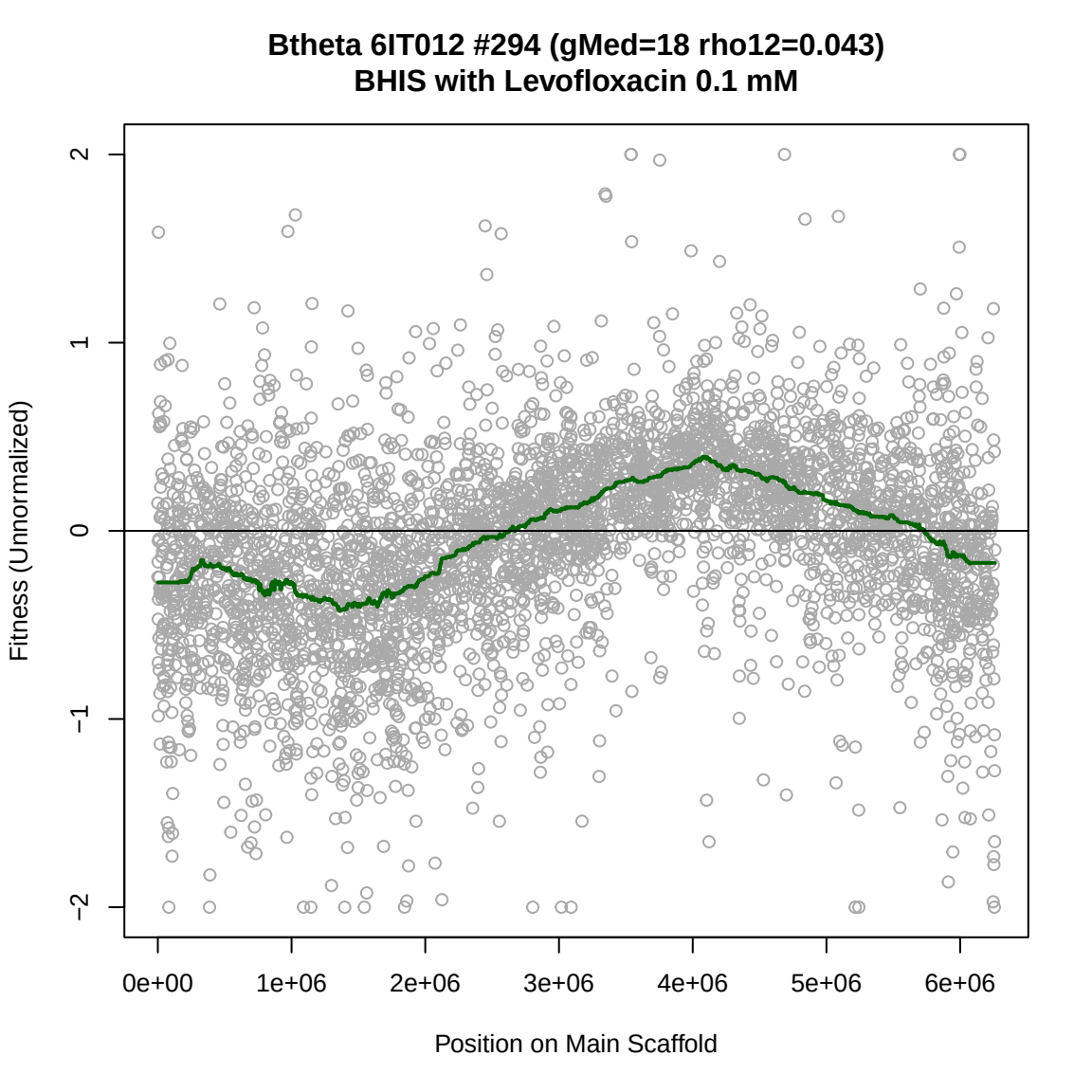

Btheta 6IT007 #289 (gMed=125 rho12=0.078)
BHIS with Irgasan 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

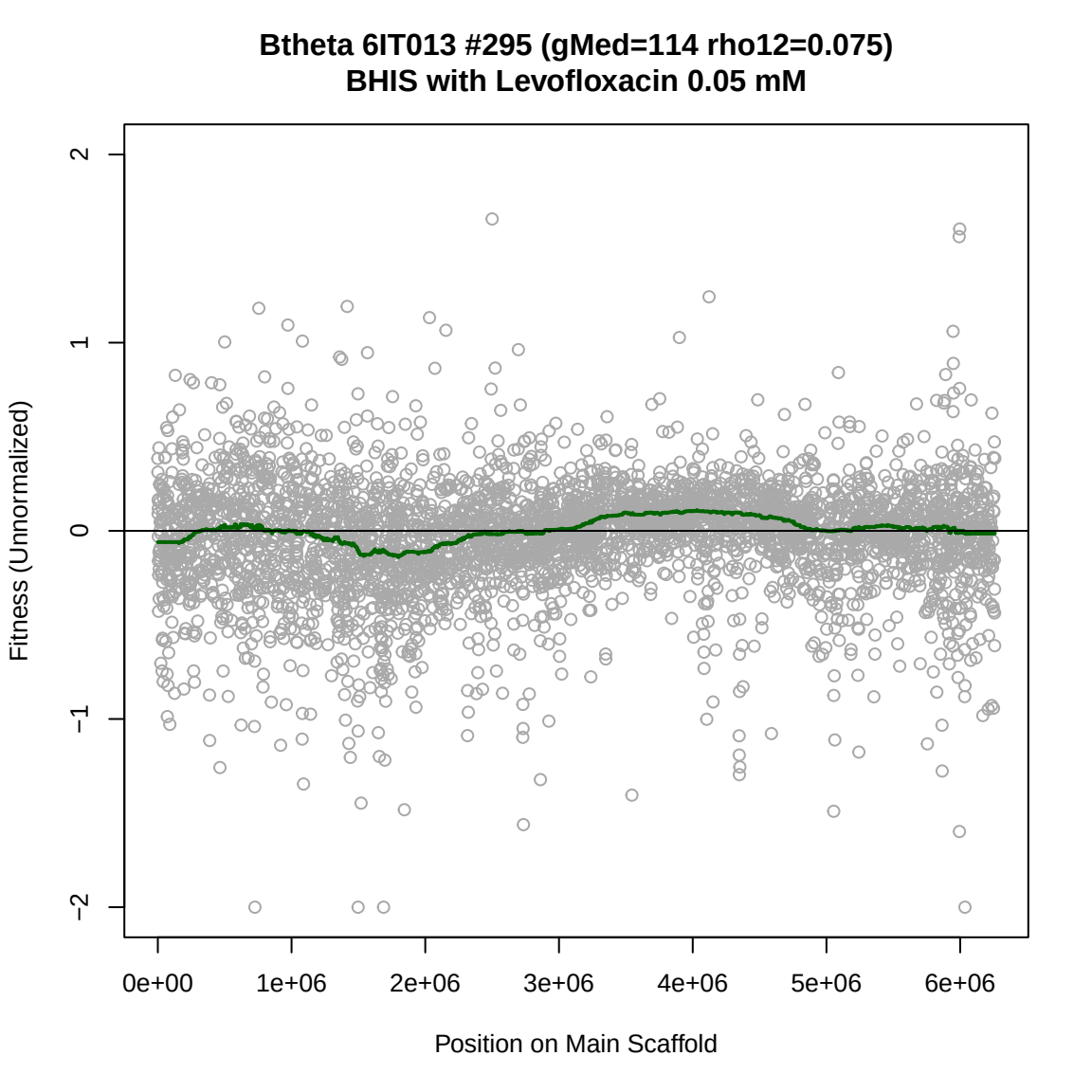

Btheta 6IT008 #290 (gMed=106 rho12=0.114)
BHIS with Thioridazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

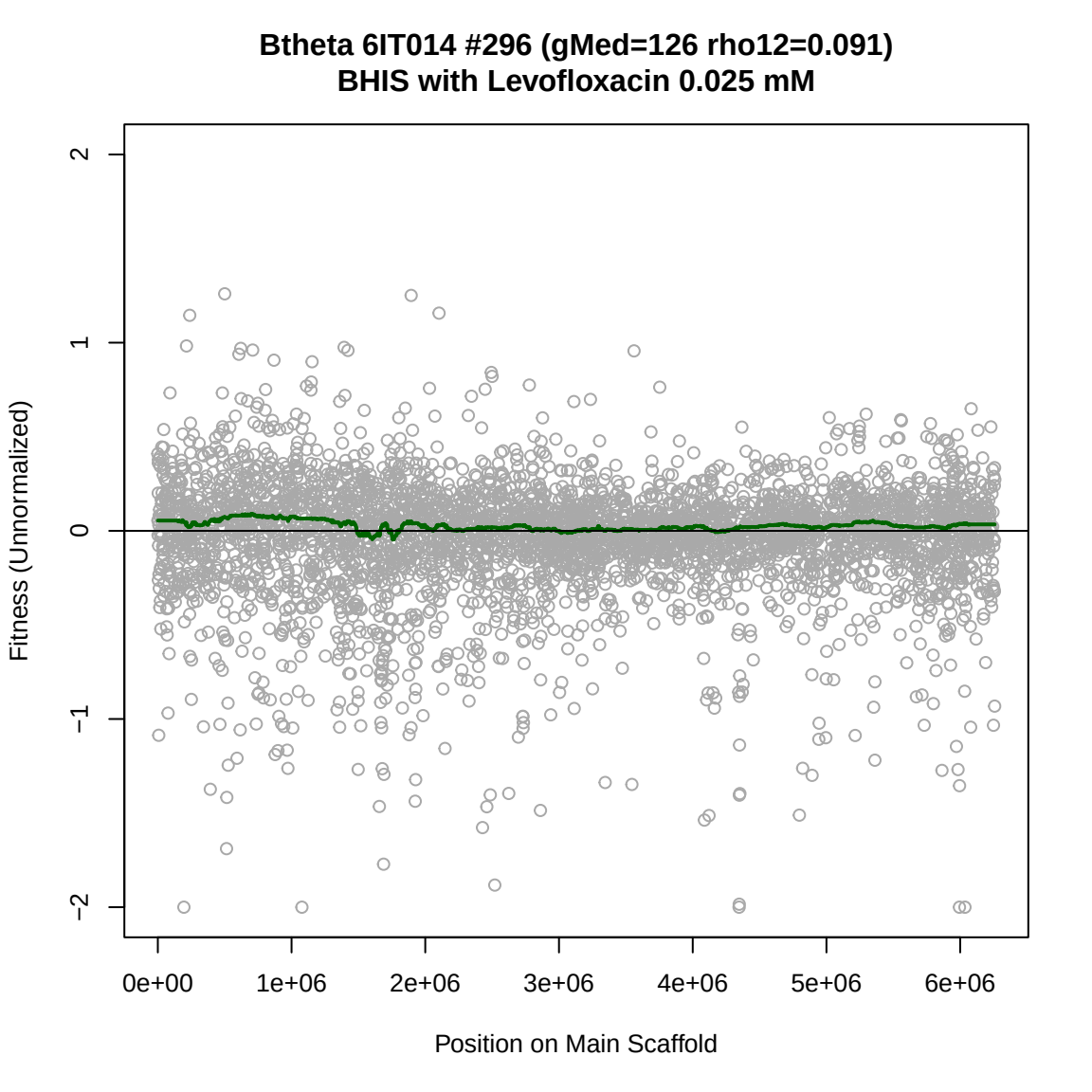

Btheta 6IT009 #291 (gMed=98 rho12=0.077)
BHIS with Thioridazine 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

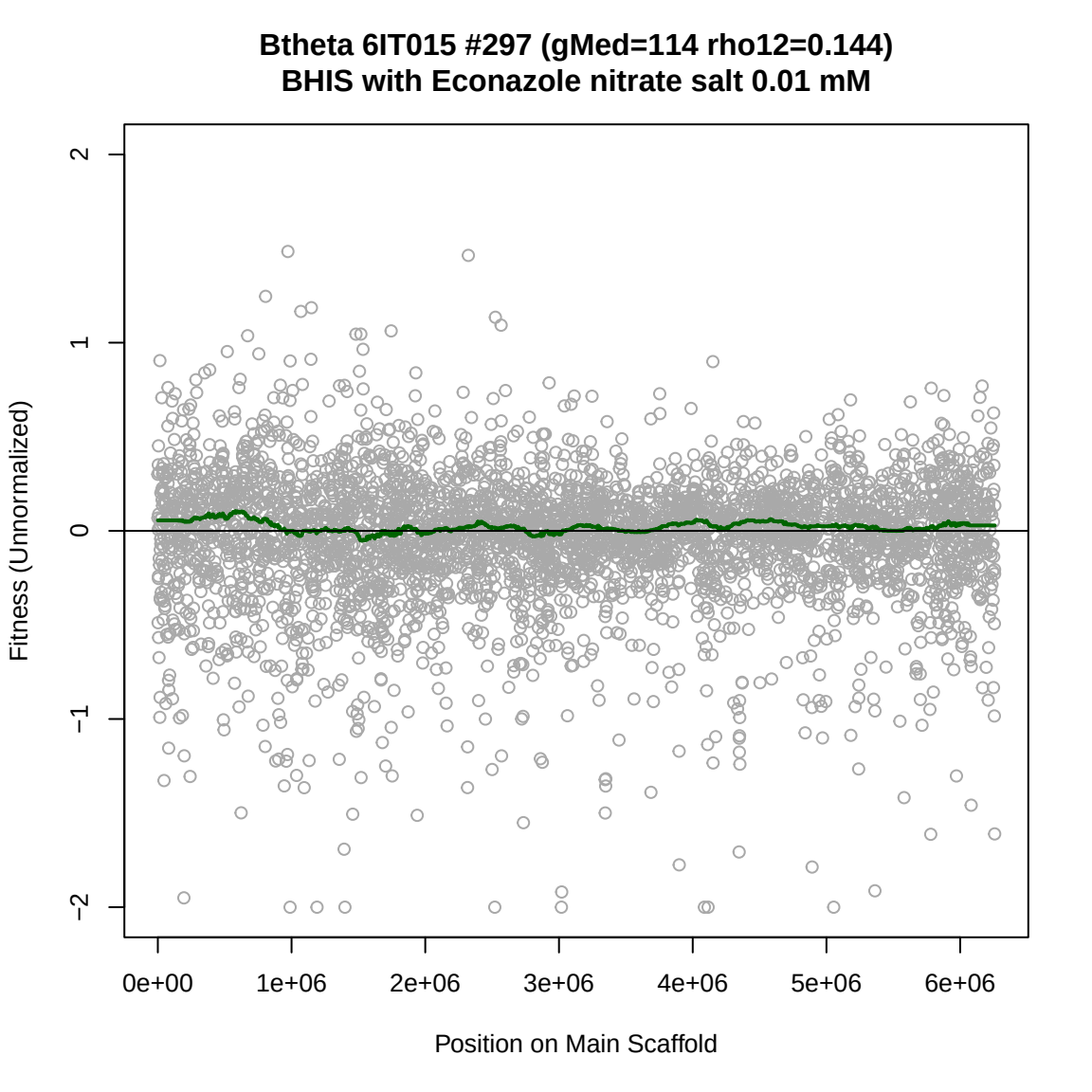

Btheta 6IT010 #292 (gMed=127 rho12=0.052)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

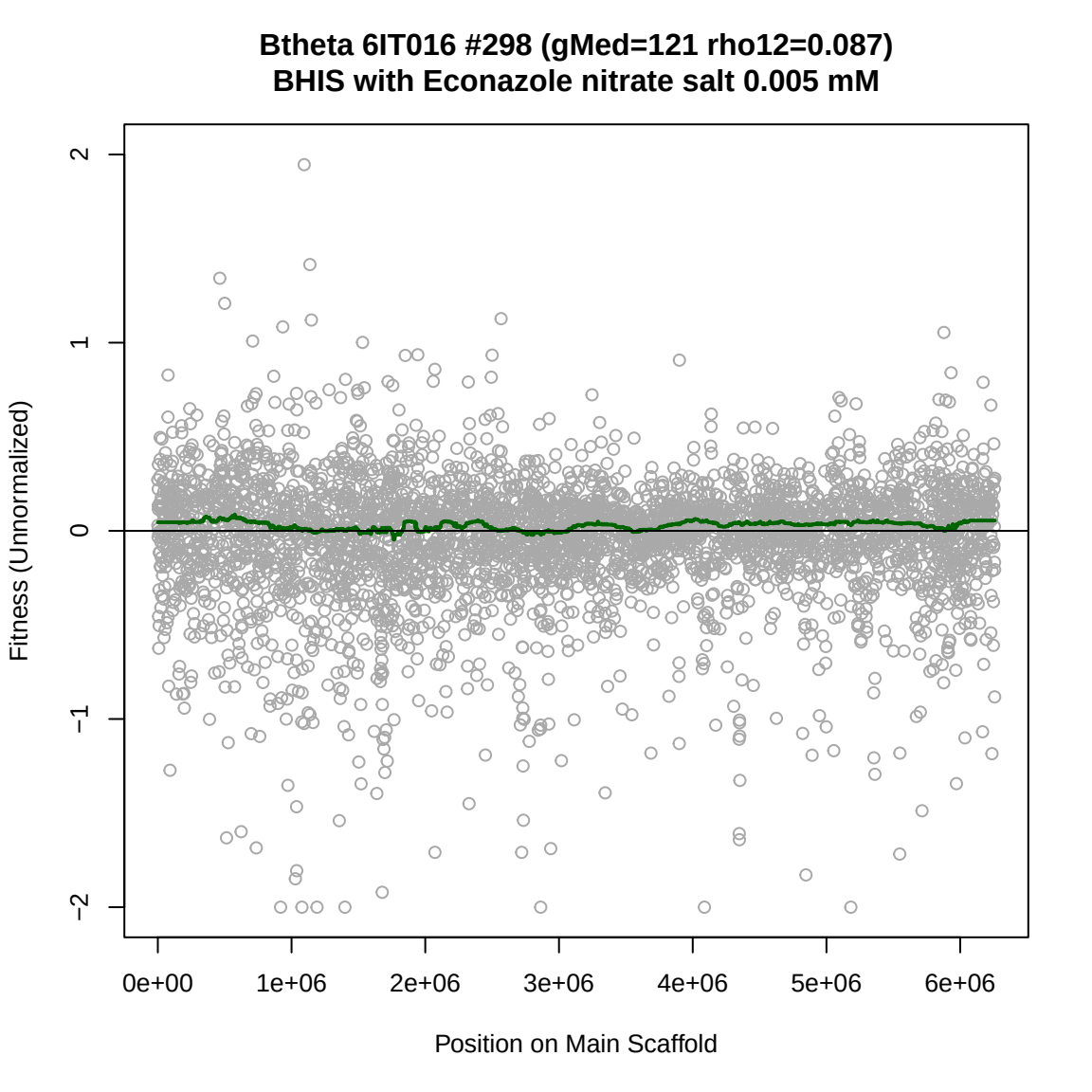

Btheta 6IT011 #293 (gMed=117 rho12=0.087)
BHIS with Chlorpromazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

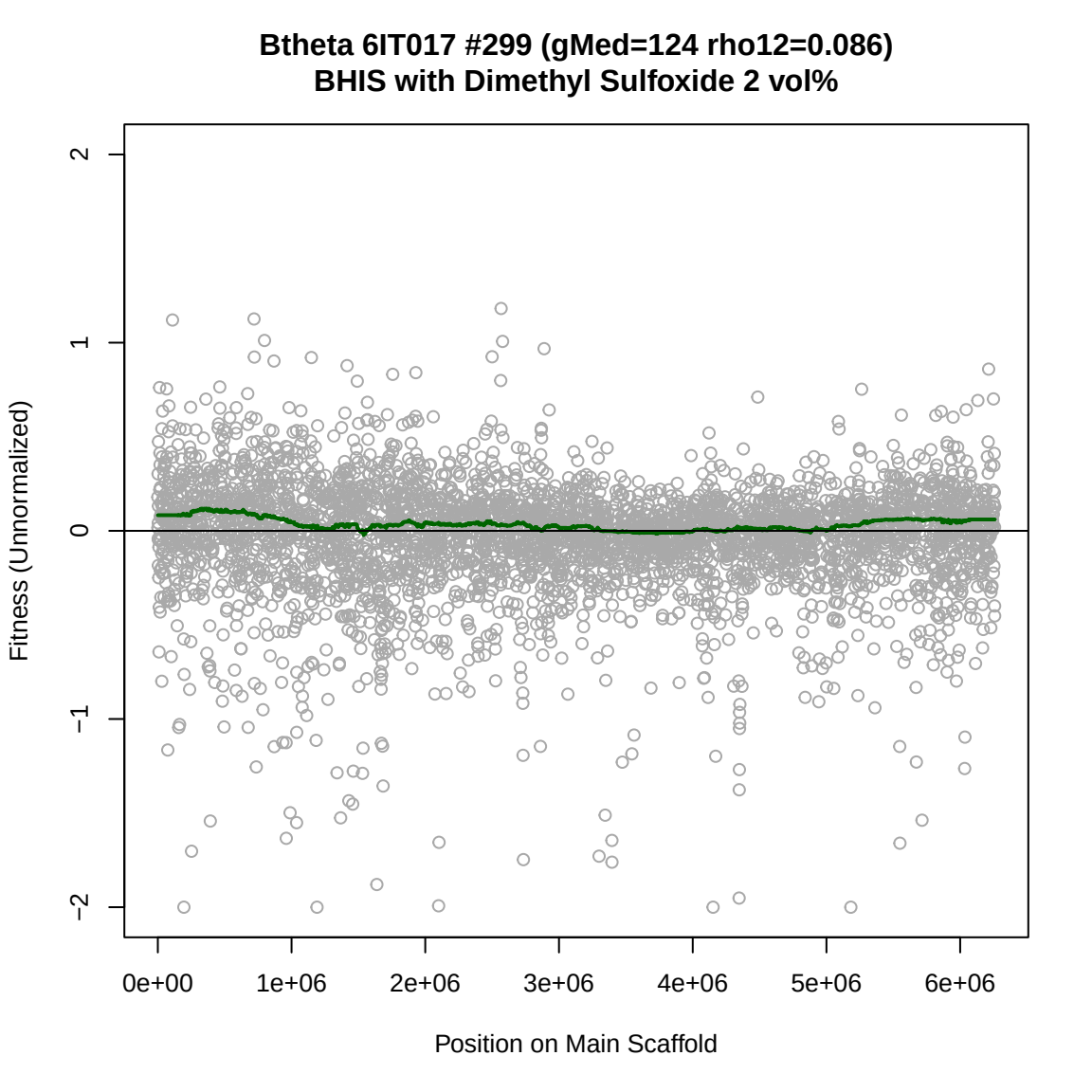

Btheta 6IT012 #294 (gMed=18 rho12=0.043)
BHIS with Levofloxacin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

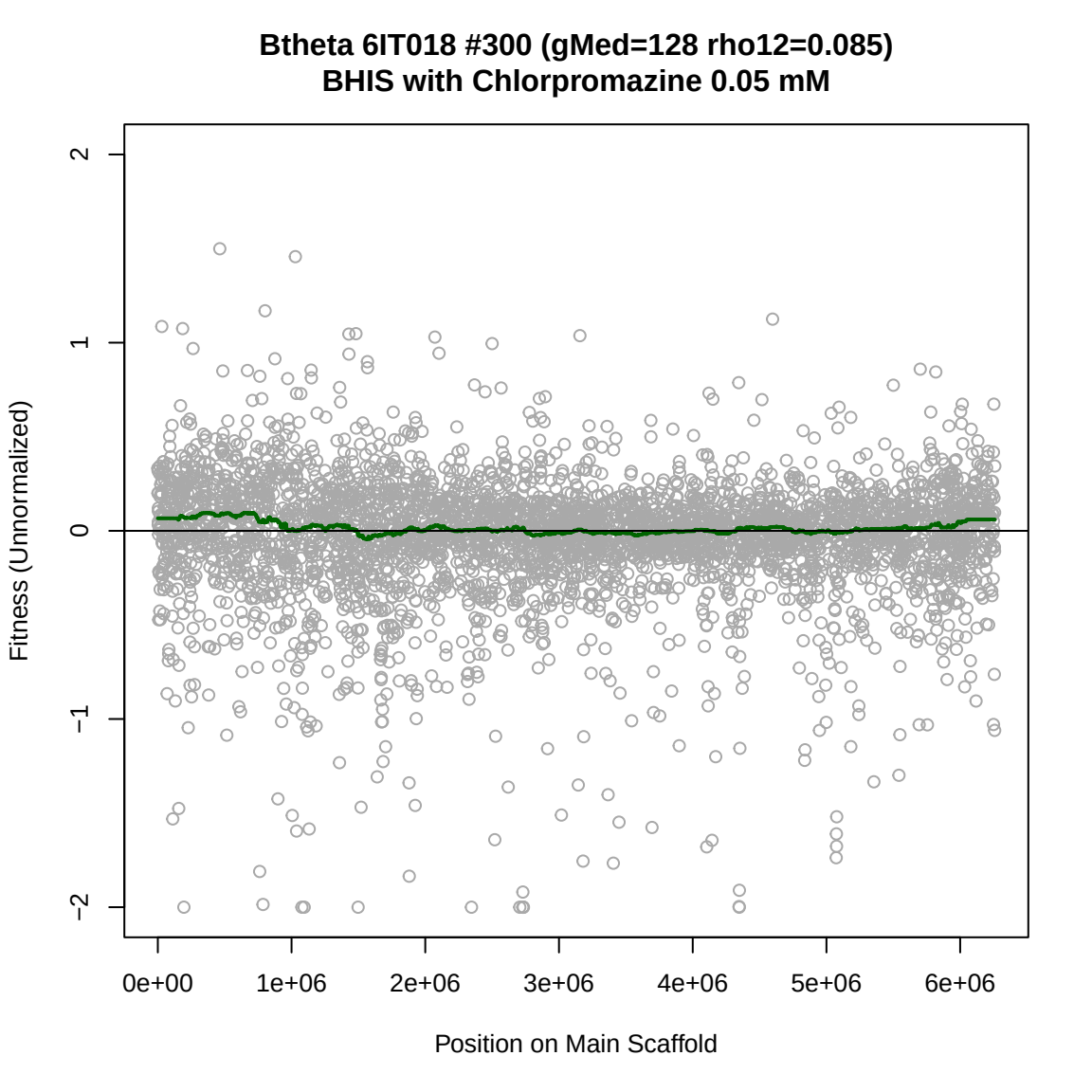

Btheta 6IT013 #295 (gMed=114 rho12=0.075)
BHIS with Levofloxacin 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

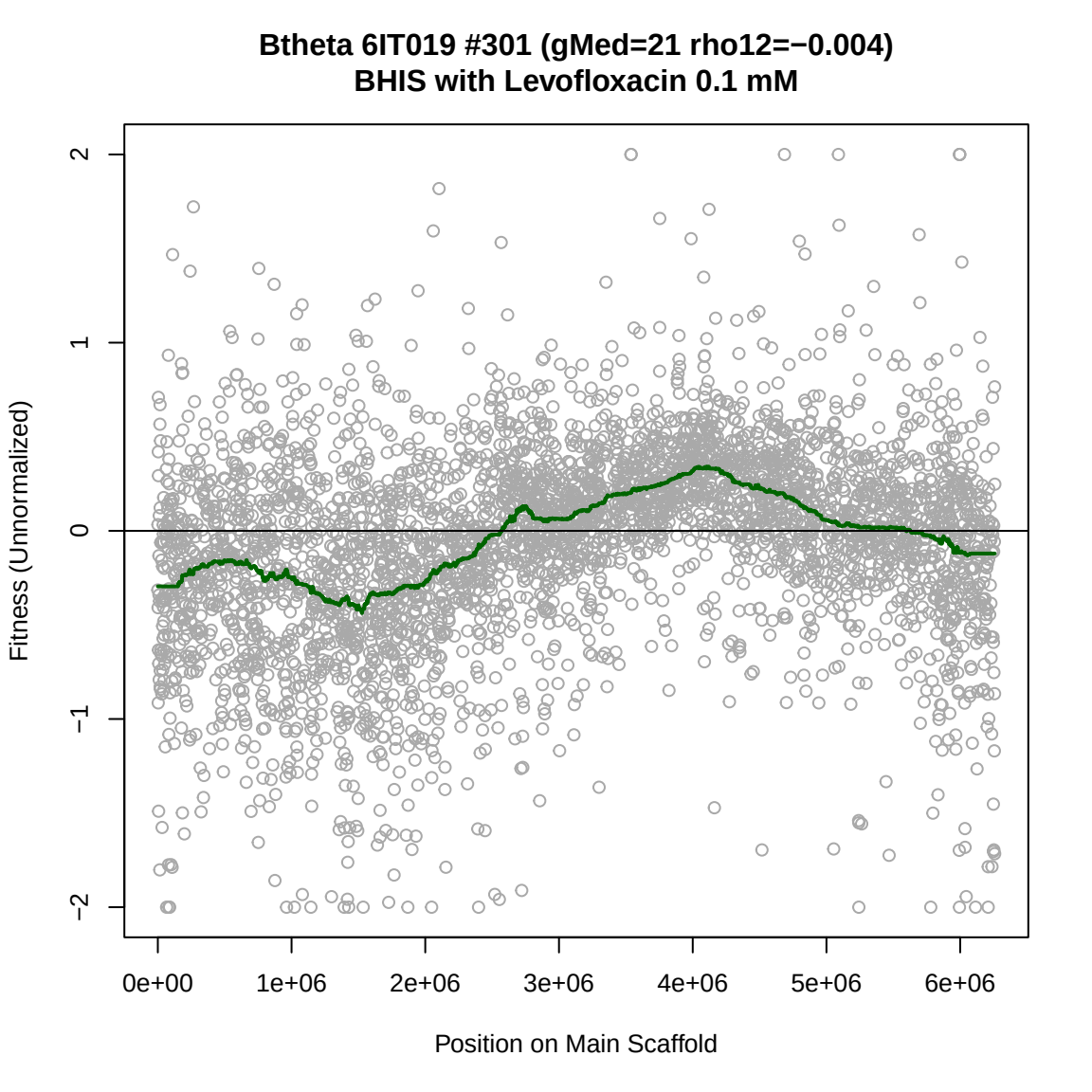

Btheta 6IT014 #296 (gMed=126 rho12=0.091)
BHIS with Levofloxacin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

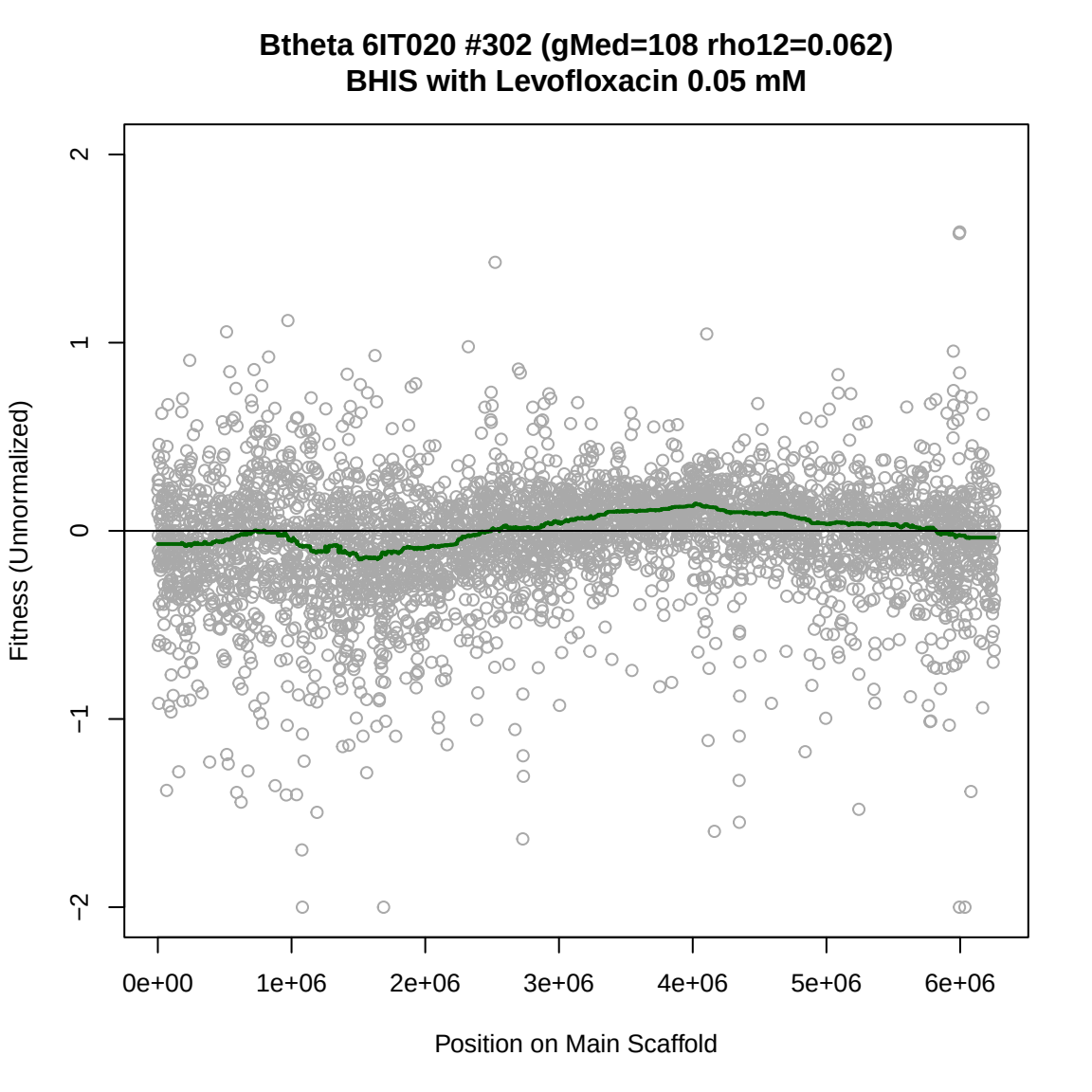

Btheta 6IT015 #297 (gMed=114 rho12=0.144)
BHIS with Econazole nitrate salt 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

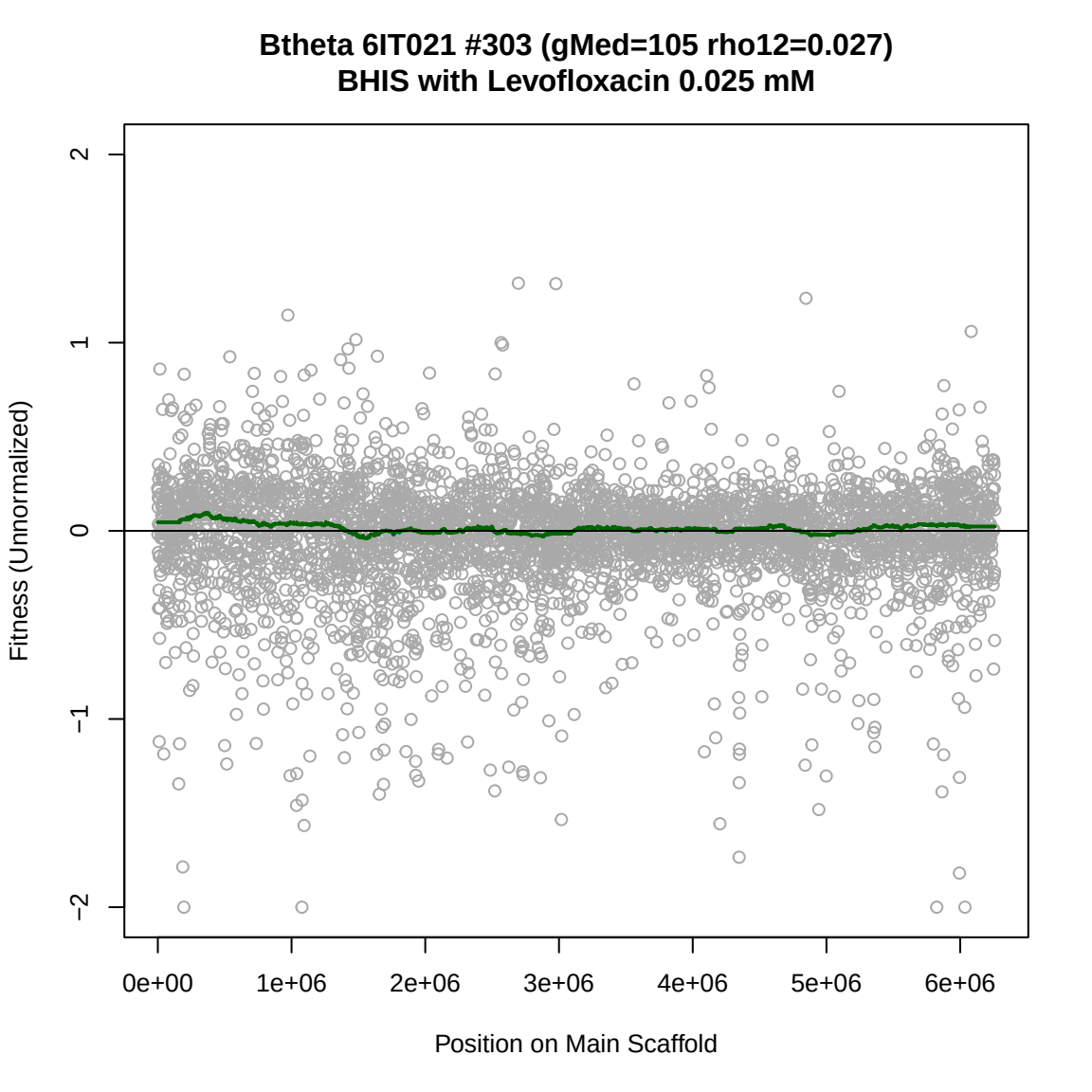

Btheta 6IT016 #298 (gMed=121 rho12=0.087)
BHIS with Econazole nitrate salt 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

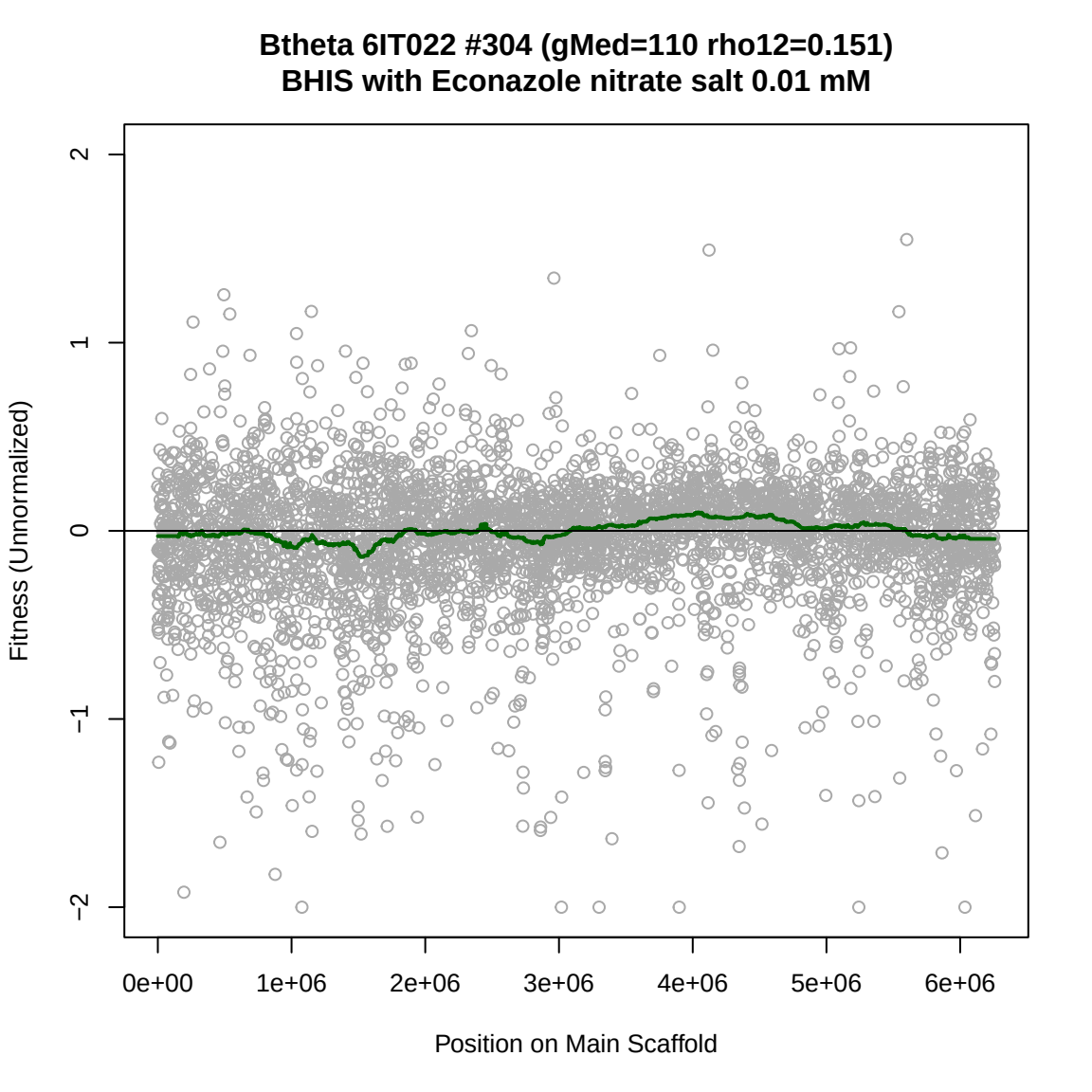

Btheta 6IT017 #299 (gMed=124 rho12=0.086)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

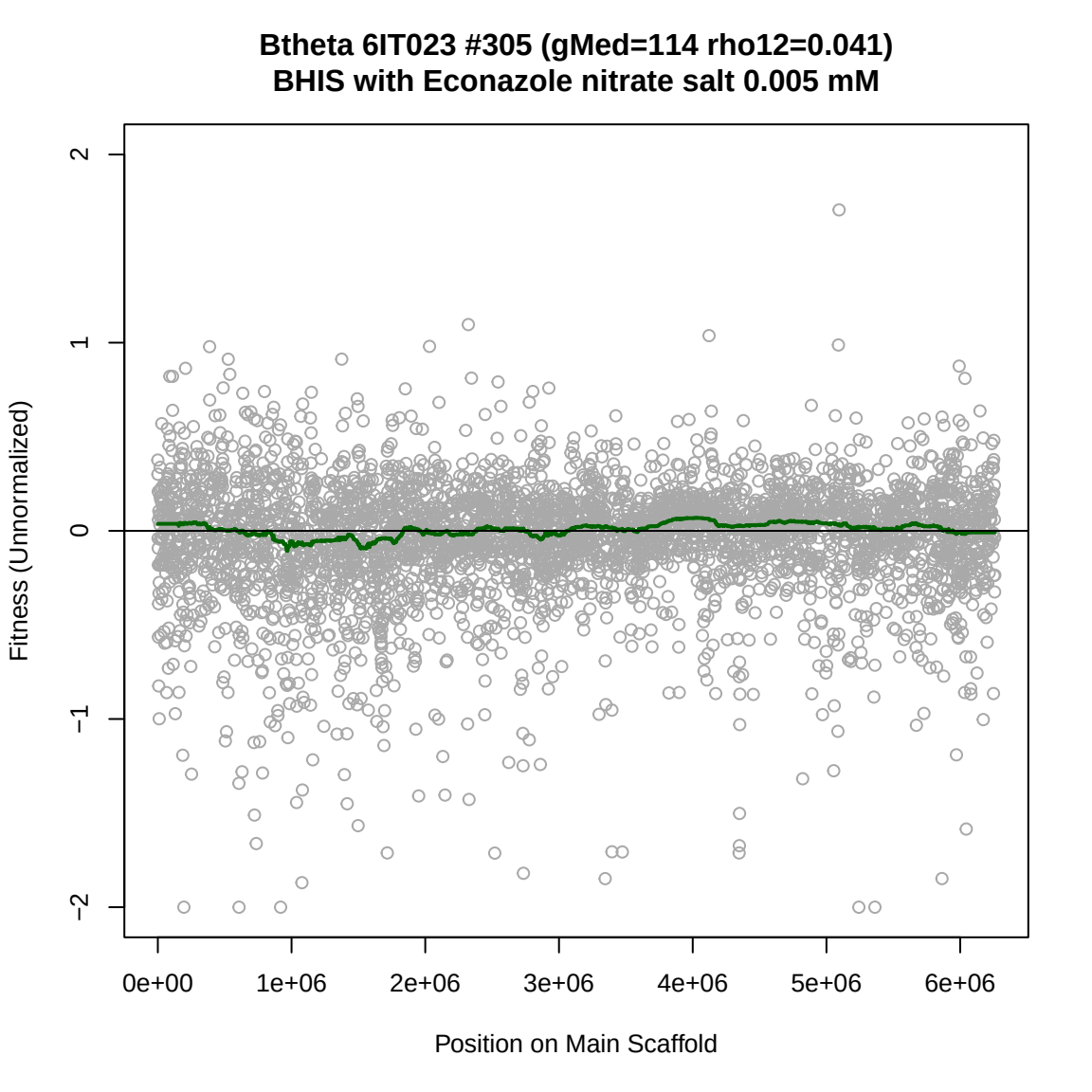

Btheta 6IT018 #300 (gMed=128 rho12=0.085)
BHIS with Chlorpromazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

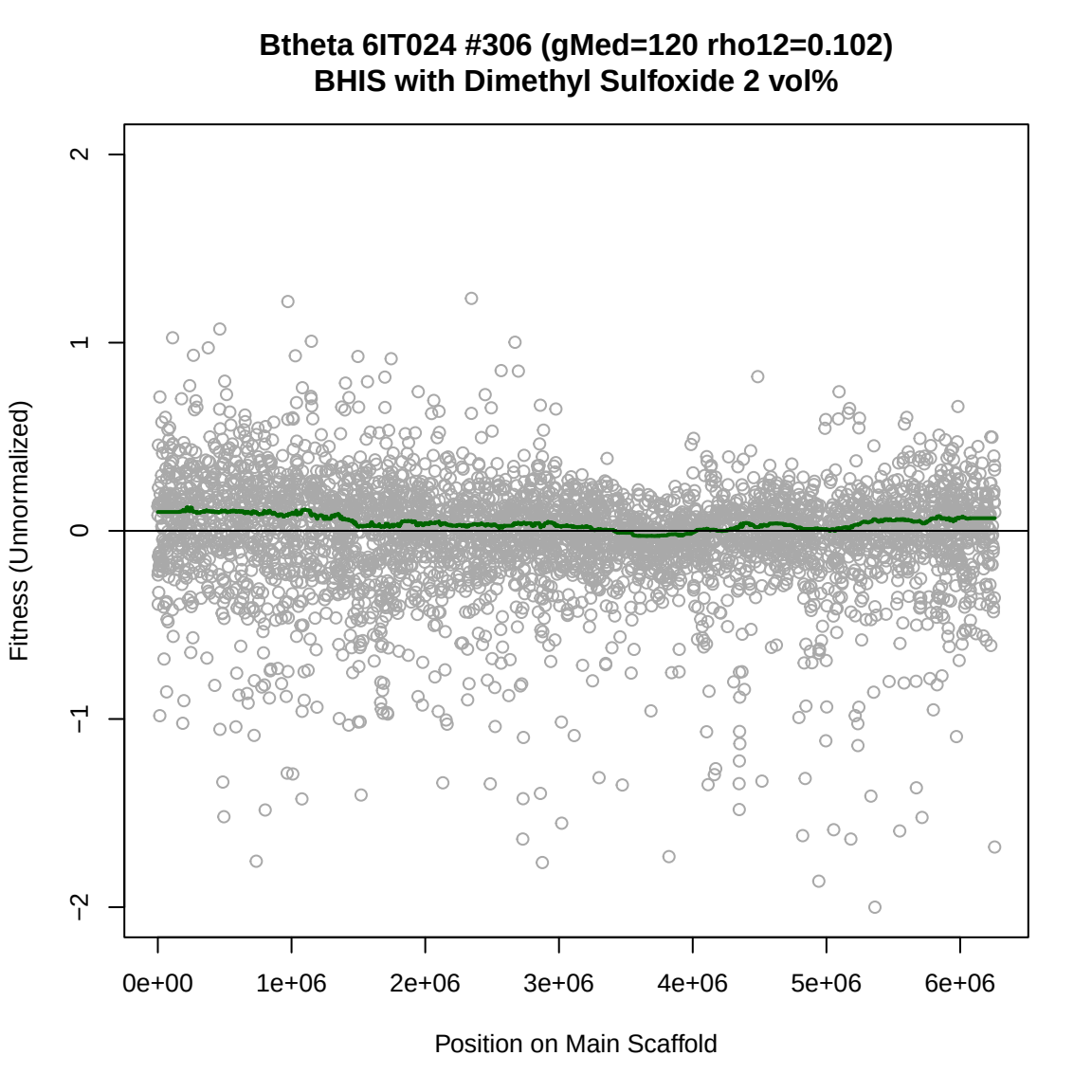

Btheta 6IT019 #301 (gMed=21 rho12=−0.004)
BHIS with Levofloxacin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

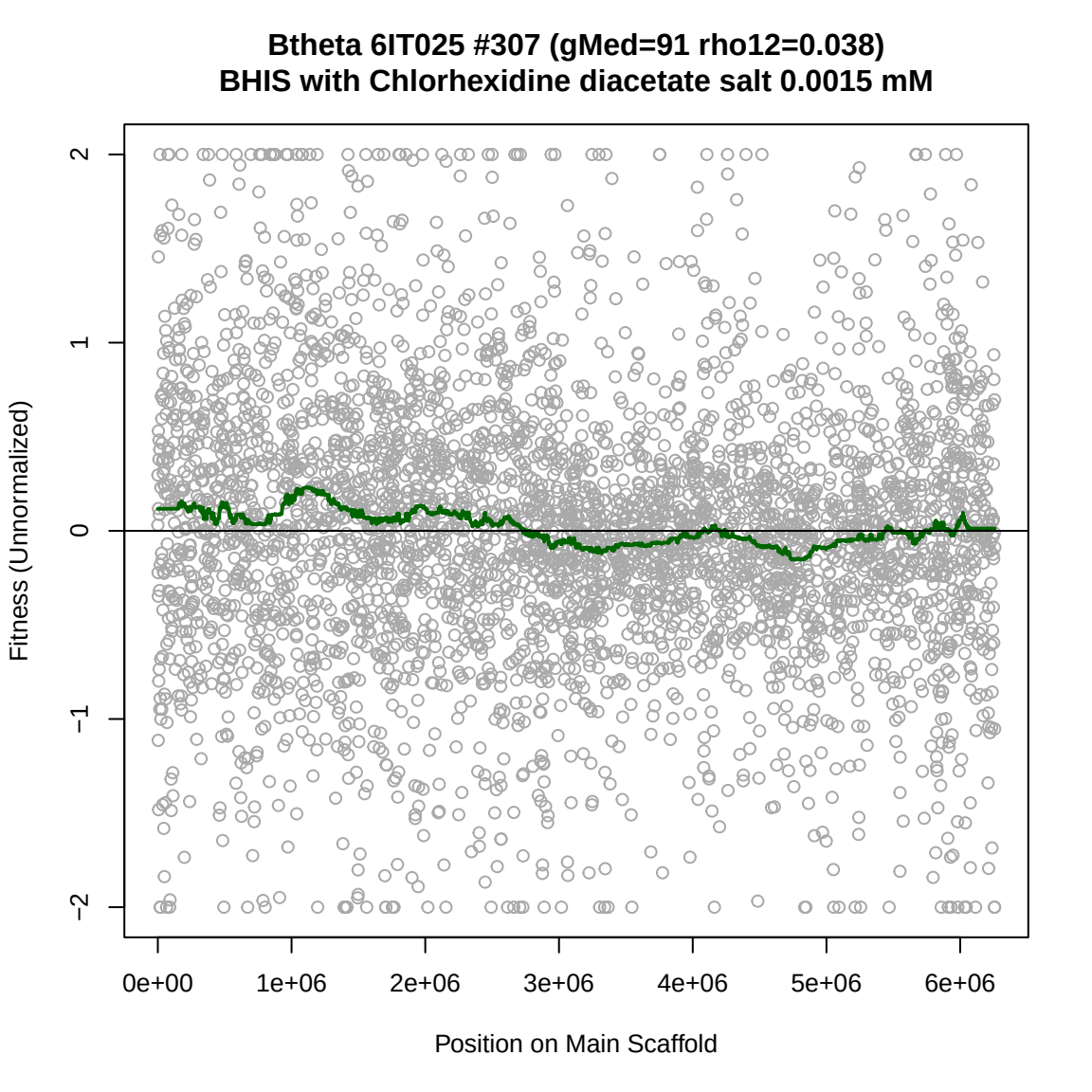

Btheta 6IT020 #302 (gMed=108 rho12=0.062)
BHIS with Levofloxacin 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

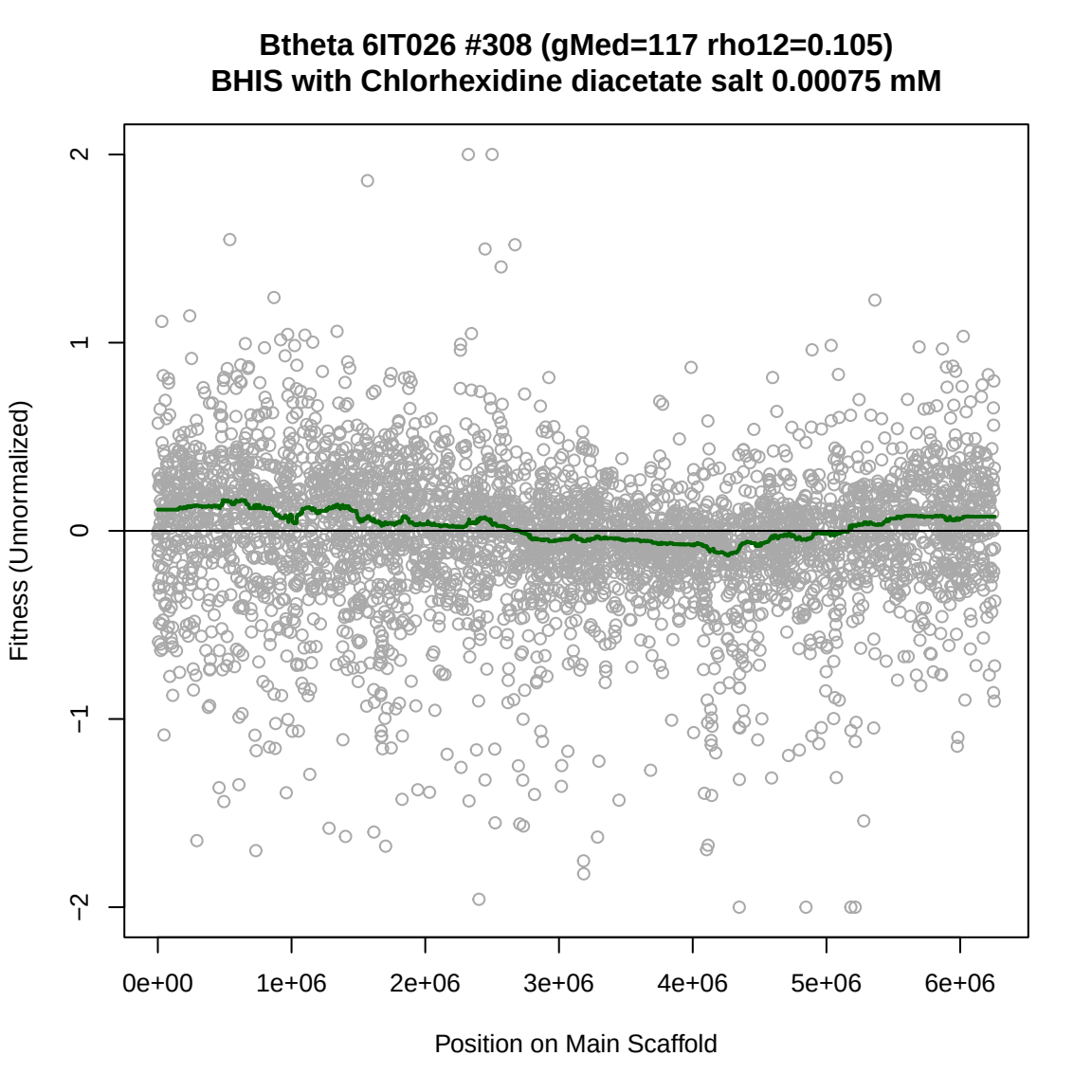

Btheta 6IT021 #303 (gMed=105 rho12=0.027)
BHIS with Levofloxacin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

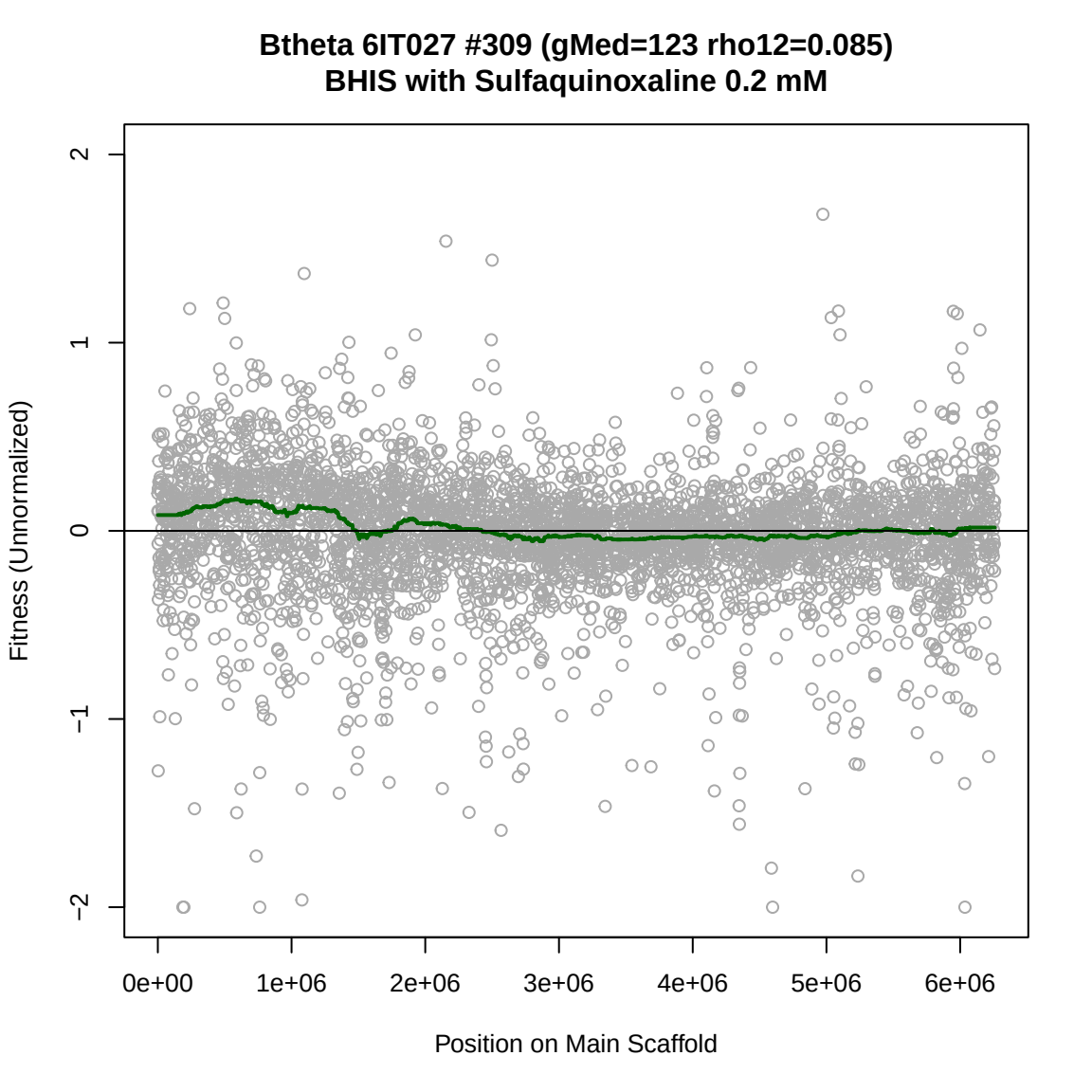

Btheta 6IT022 #304 (gMed=110 rho12=0.151)
BHIS with Econazole nitrate salt 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

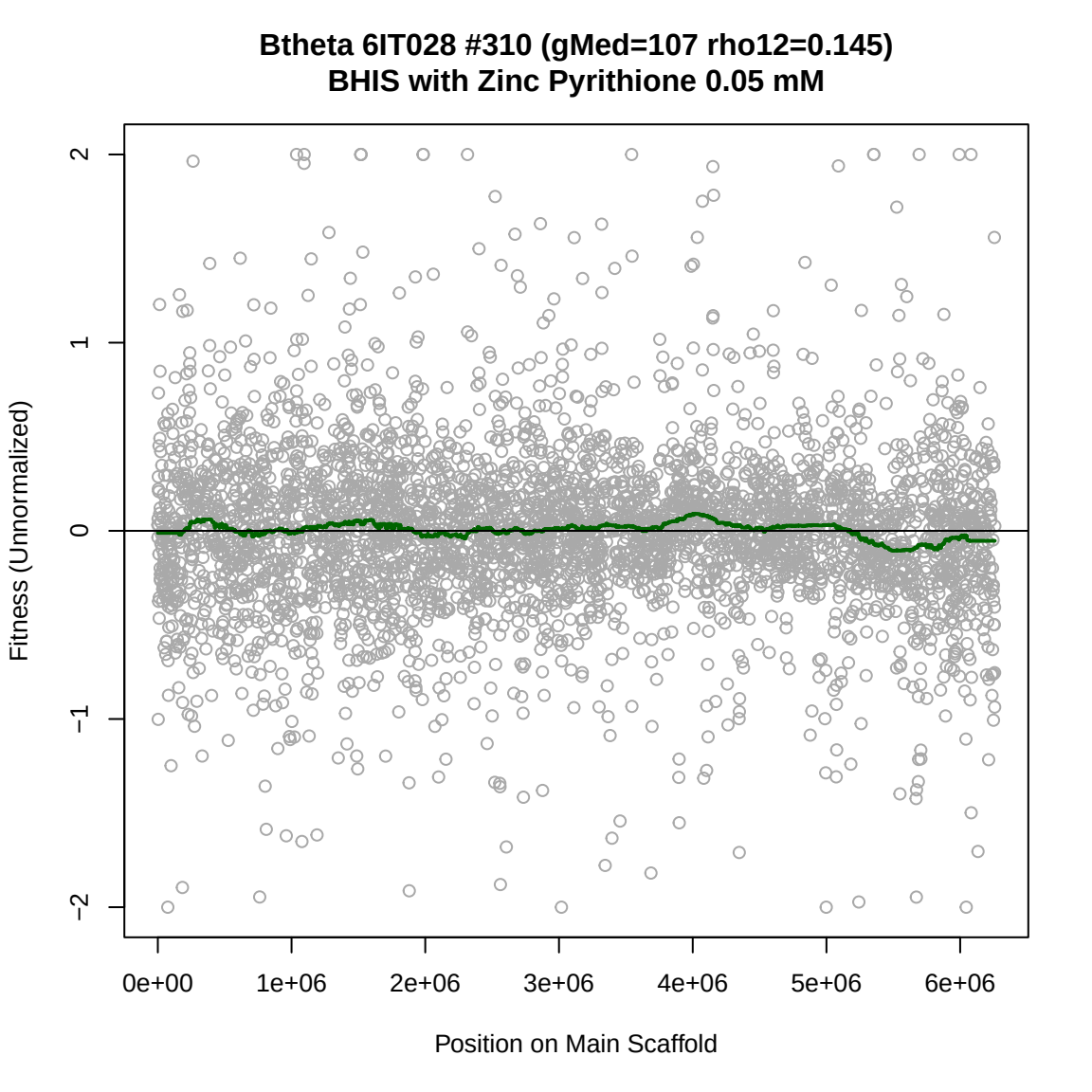

Btheta 6IT023 #305 (gMed=114 rho12=0.041)
BHIS with Econazole nitrate salt 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

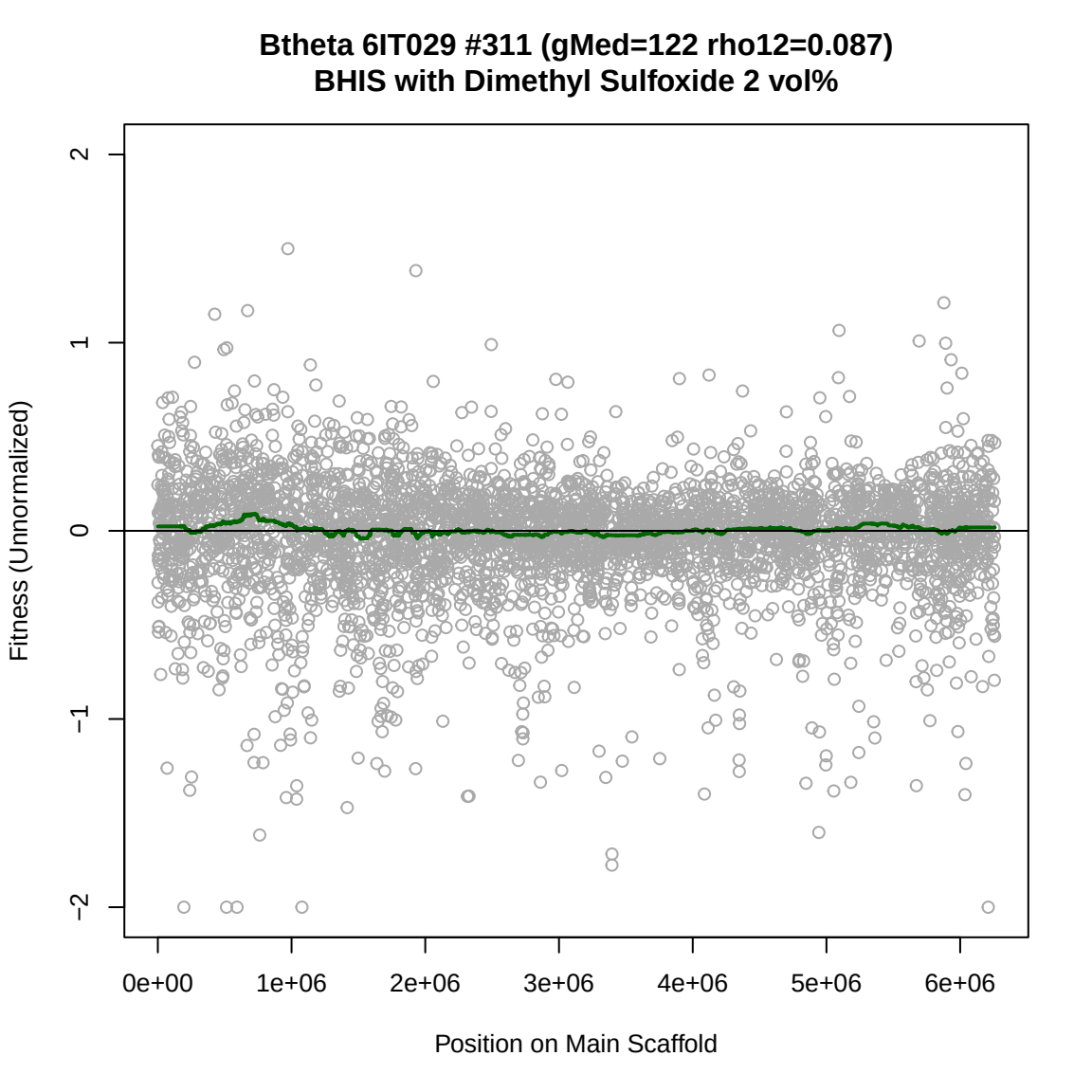

Btheta 6IT024 #306 (gMed=120 rho12=0.102)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

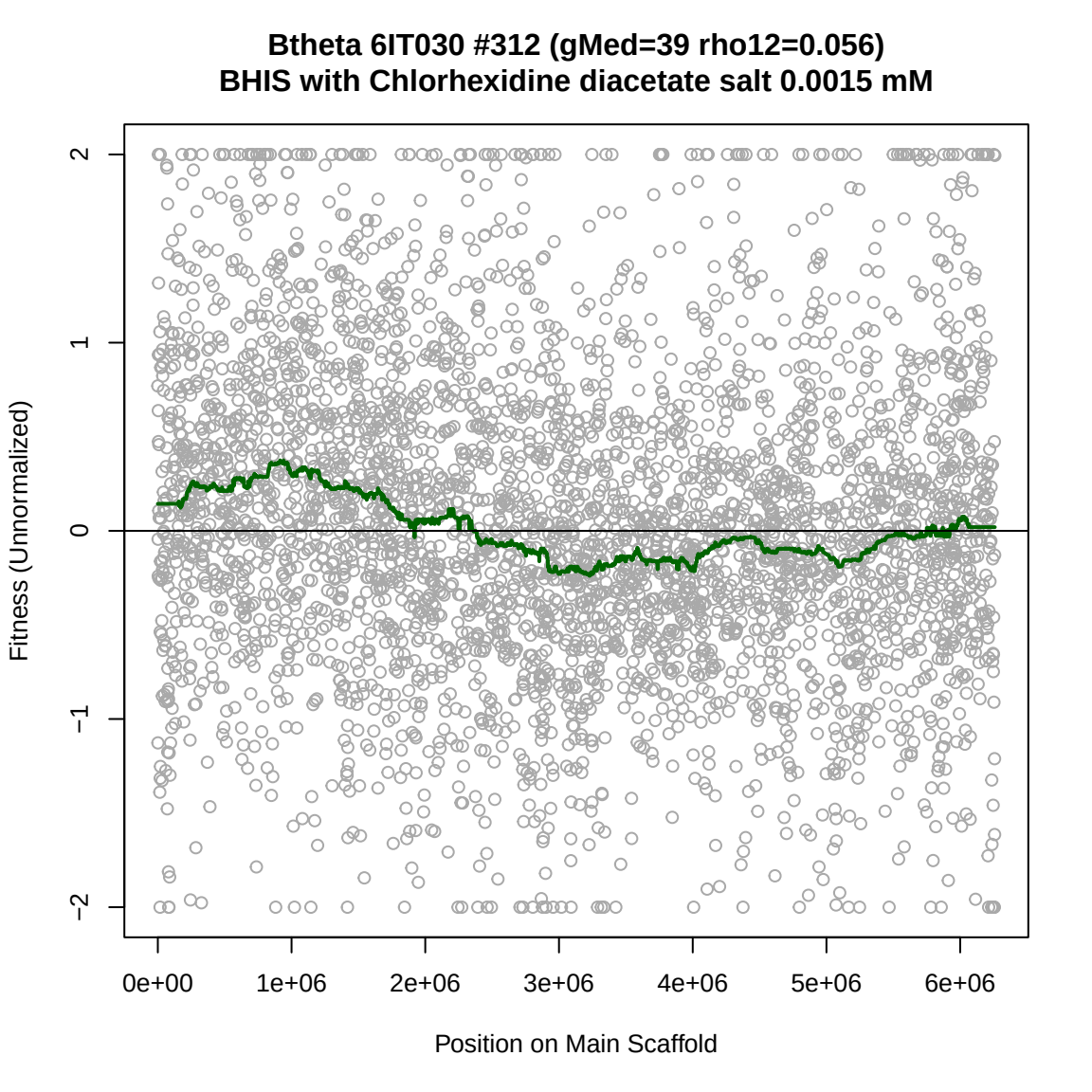

Btheta 6IT025 #307 (gMed=91 rho12=0.038)
BHIS with Chlorhexidine diacetate salt 0.0015 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

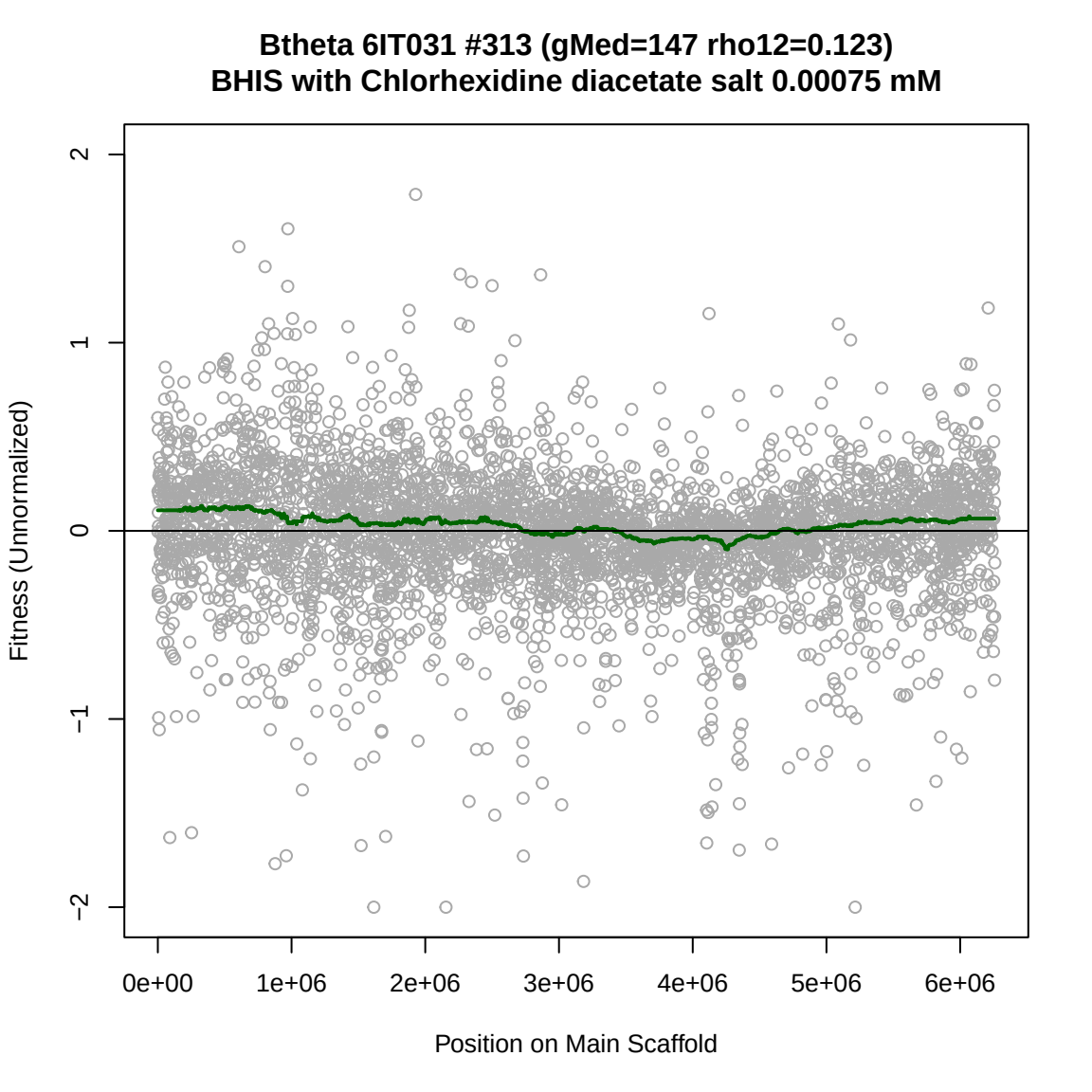

Btheta 6IT026 #308 (gMed=117 rho12=0.105)
BHIS with Chlorhexidine diacetate salt 0.00075 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

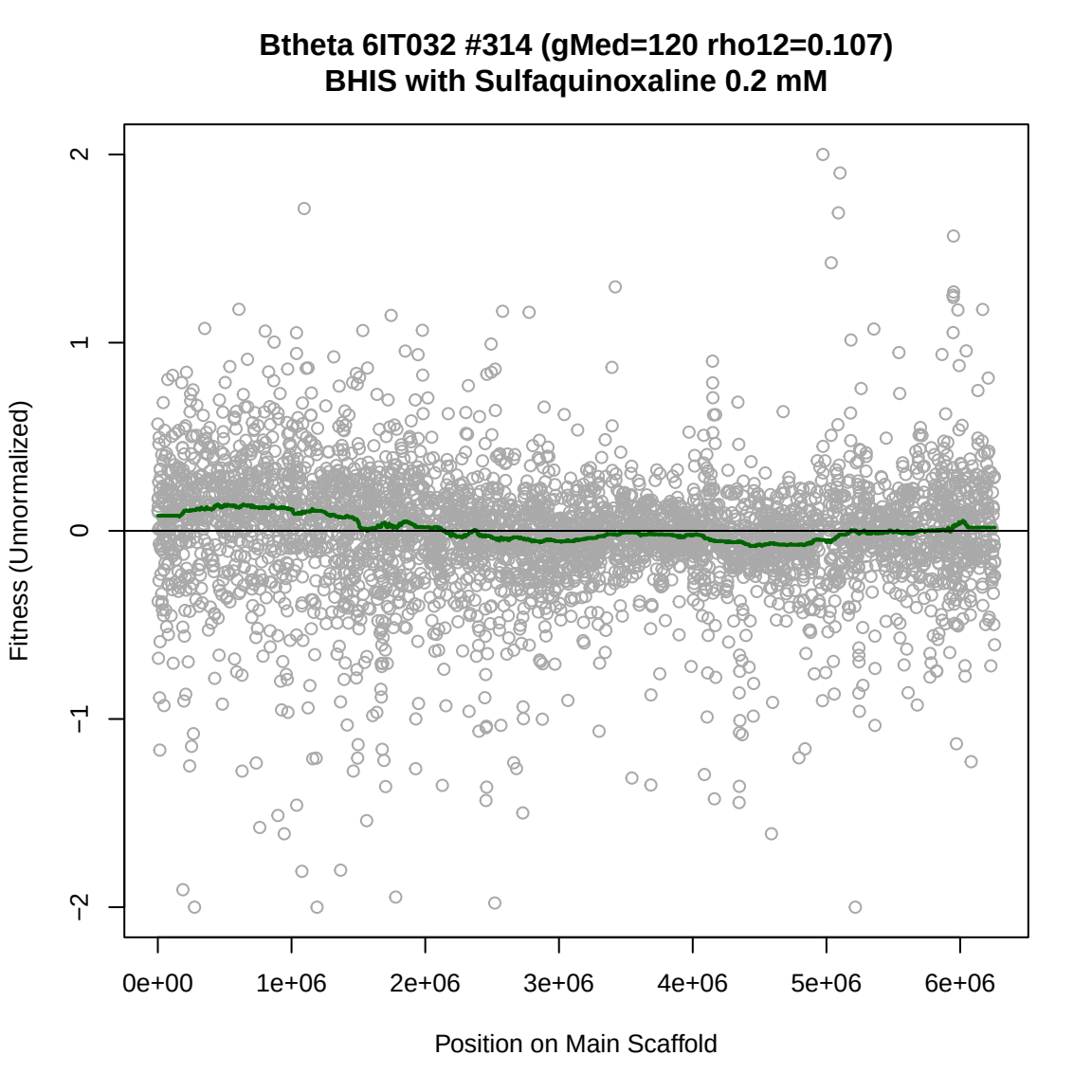

Btheta 6IT027 #309 (gMed=123 rho12=0.085)
BHIS with Sulfaquinoxaline 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

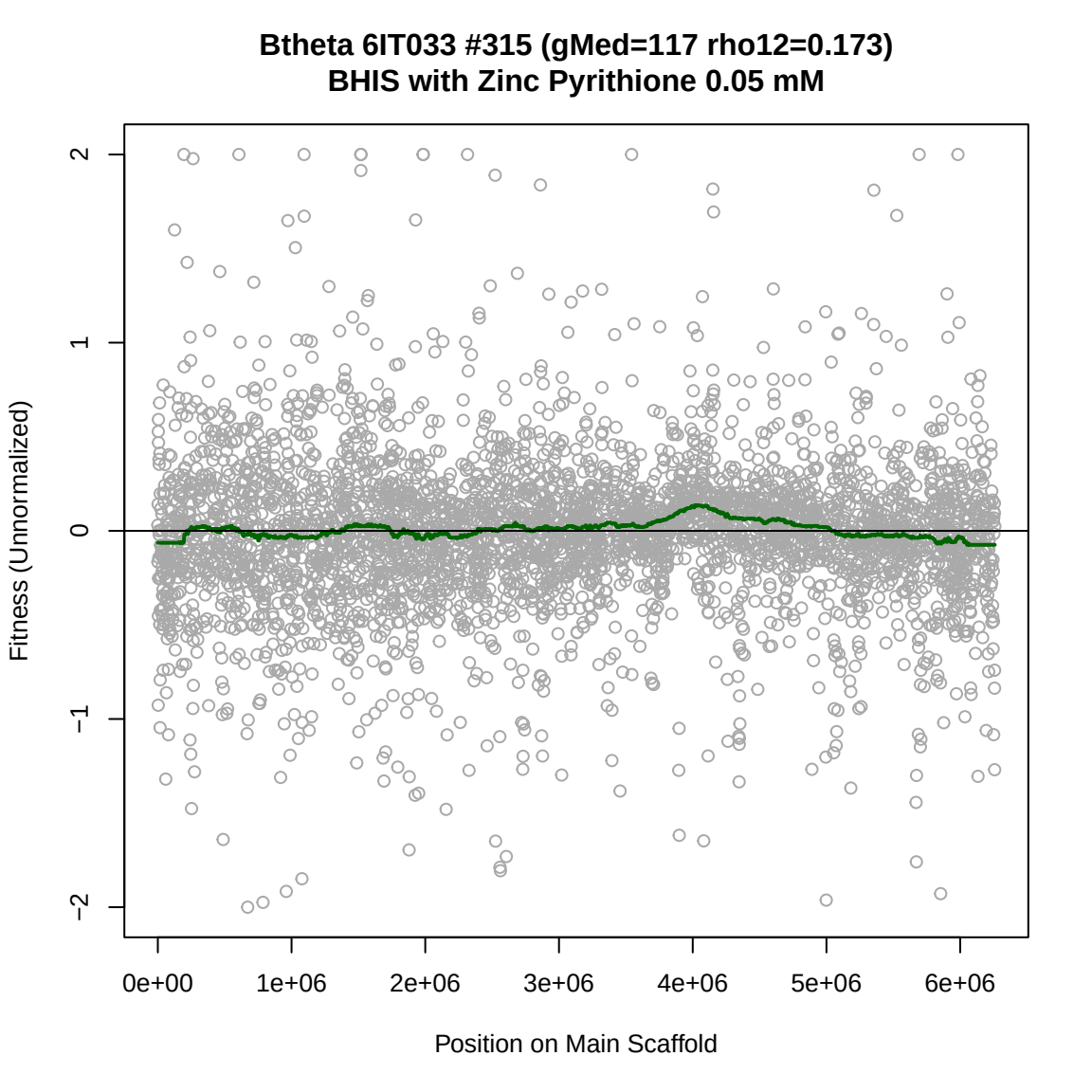

Btheta 6IT028 #310 (gMed=107 rho12=0.145)
BHIS with Zinc Pyrithione 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

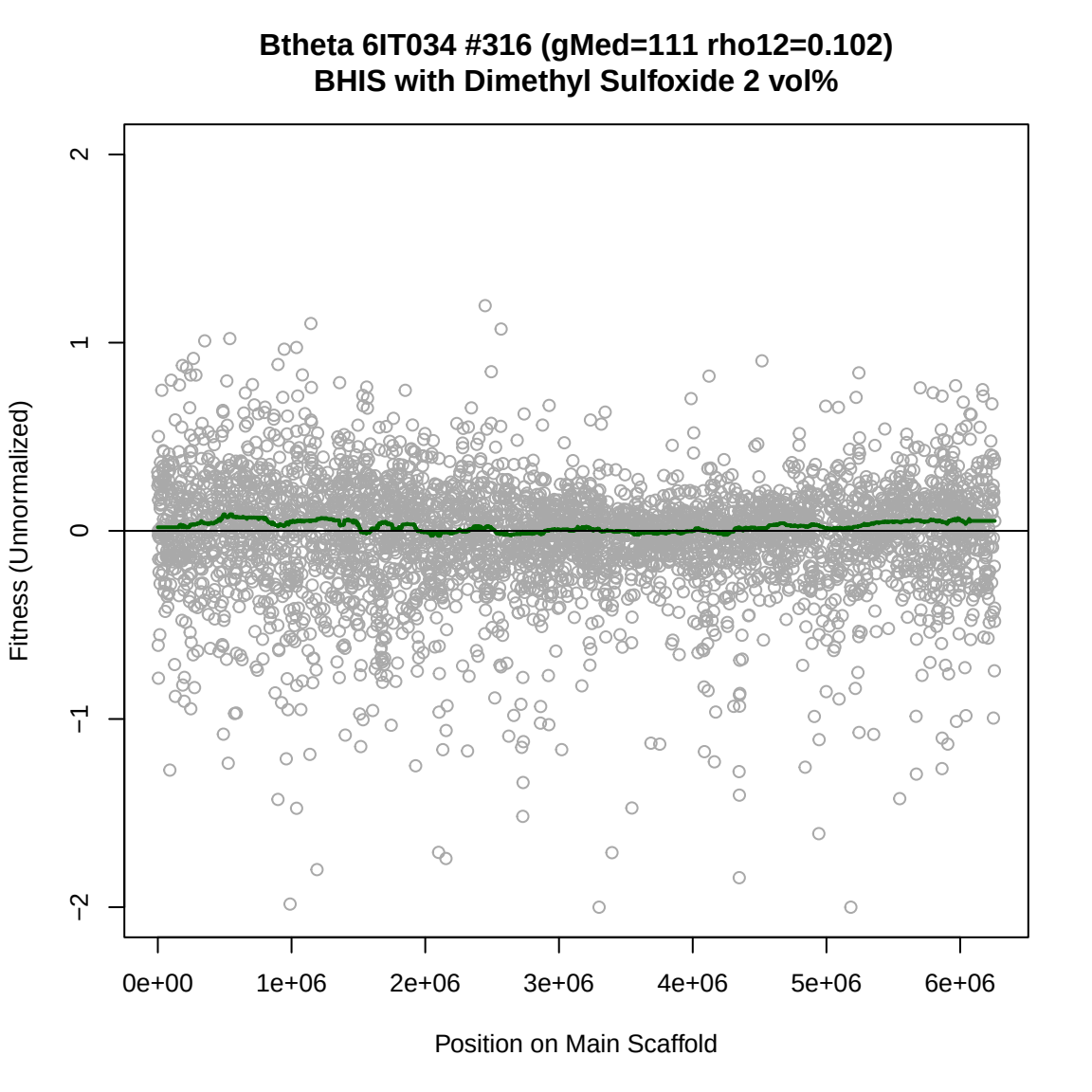

Btheta 6IT029 #311 (gMed=122 rho12=0.087)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

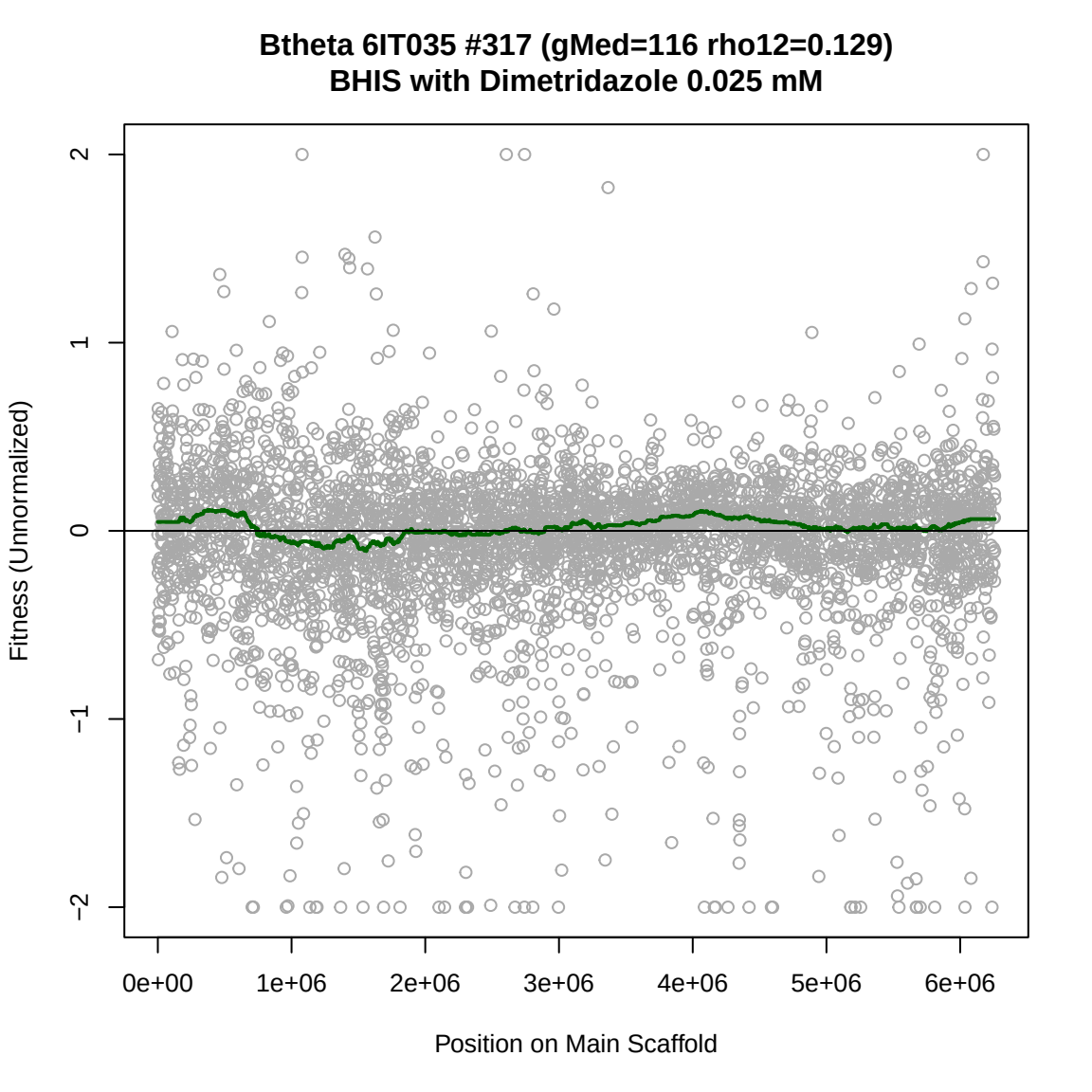

Btheta 6IT030 #312 (gMed=39 rho12=0.056)
BHIS with Chlorhexidine diacetate salt 0.0015 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

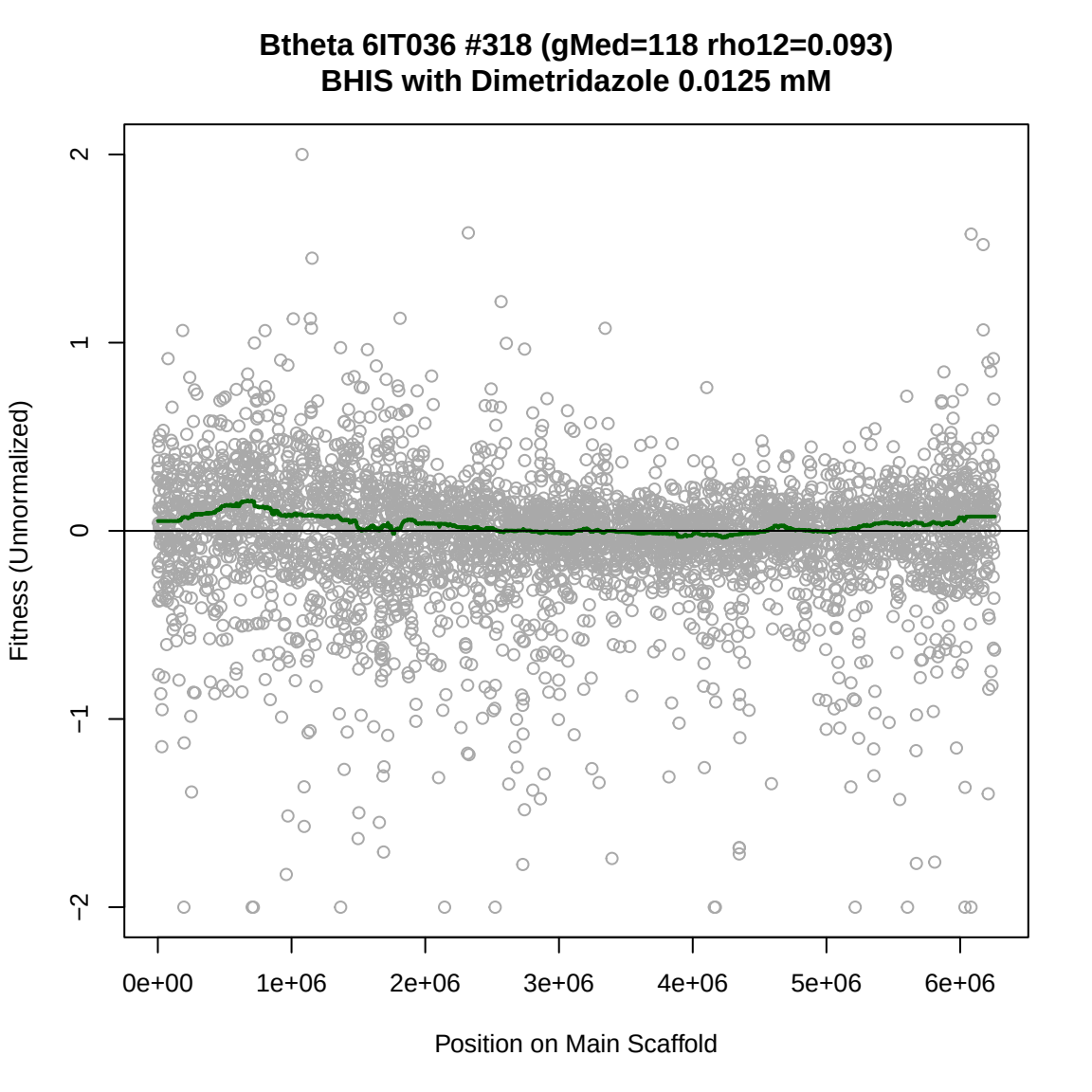

Btheta 6IT031 #313 (gMed=147 rho12=0.123)
BHIS with Chlorhexidine diacetate salt 0.00075 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

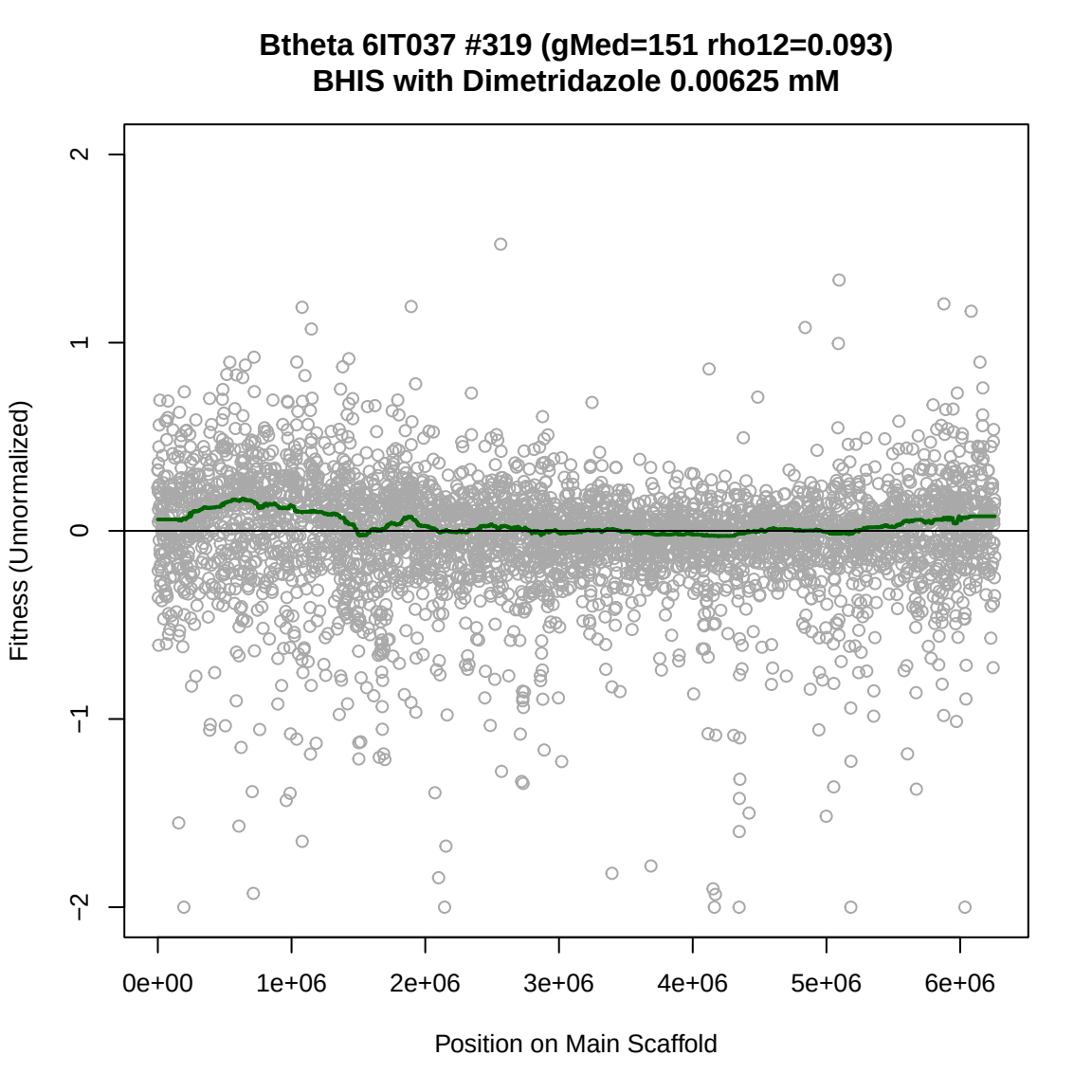

Btheta 6IT032 #314 (gMed=120 rho12=0.107)
BHIS with Sulfaquinoxaline 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

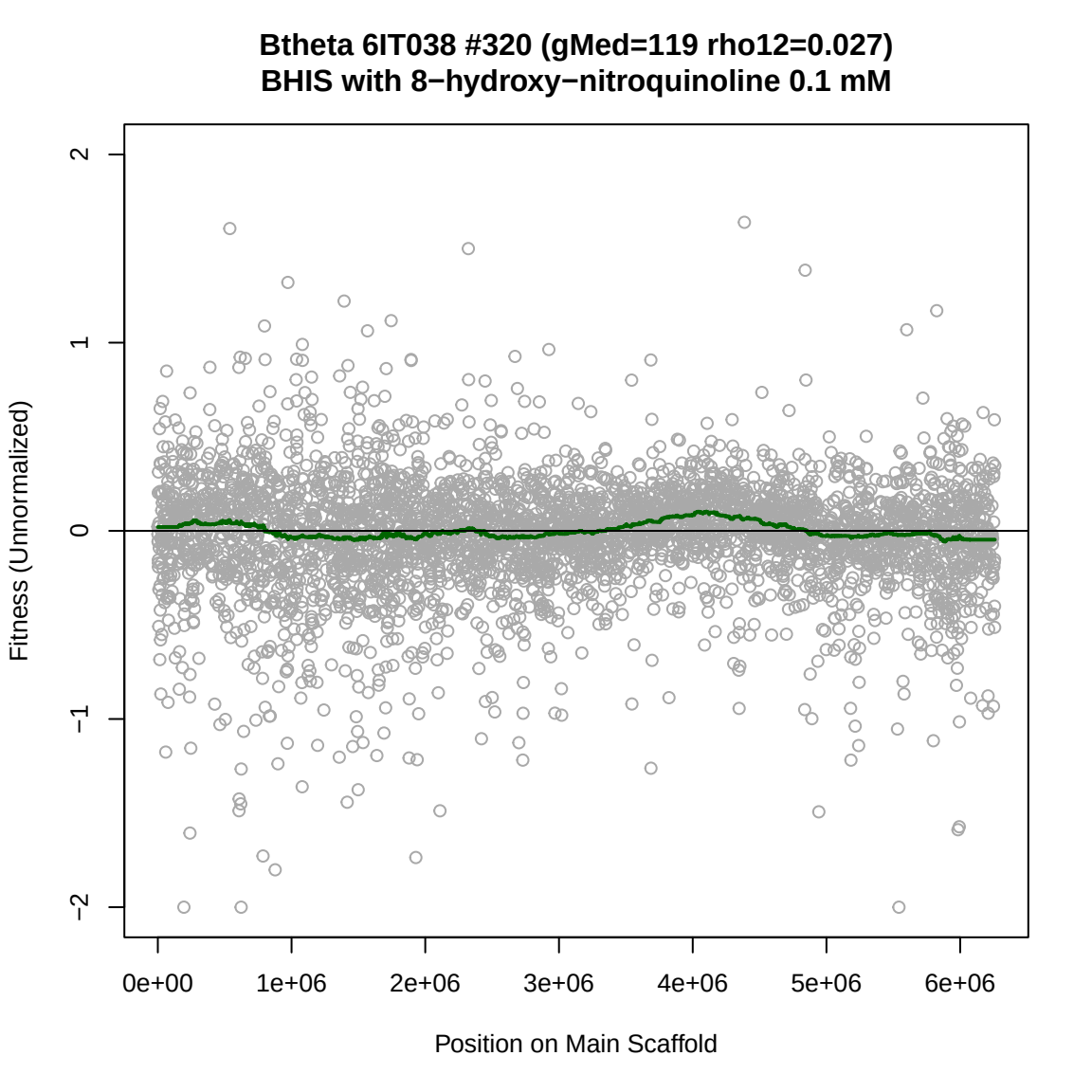

Btheta 6IT033 #315 (gMed=117 rho12=0.173)
BHIS with Zinc Pyrithione 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

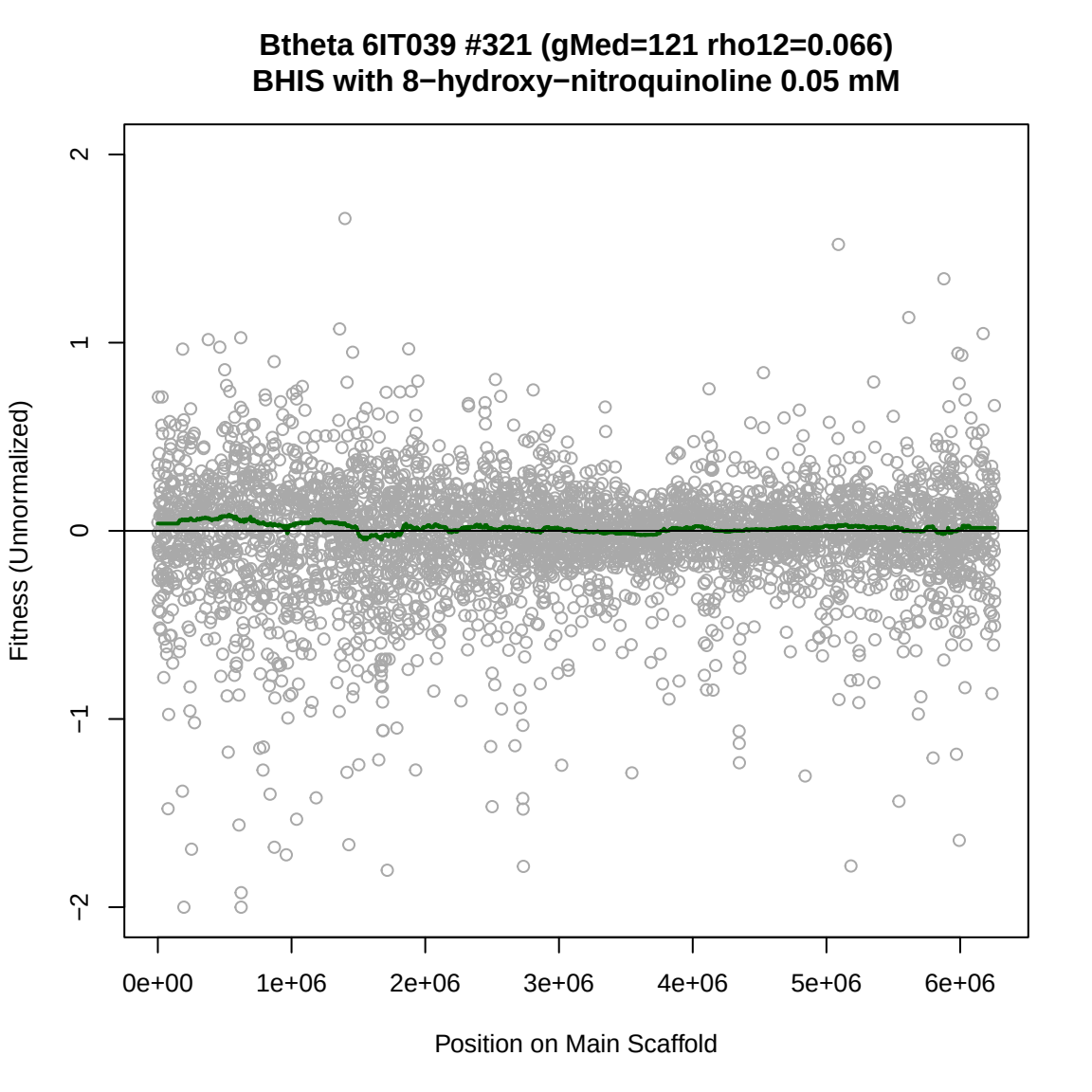

Btheta 6IT034 #316 (gMed=111 rho12=0.102)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

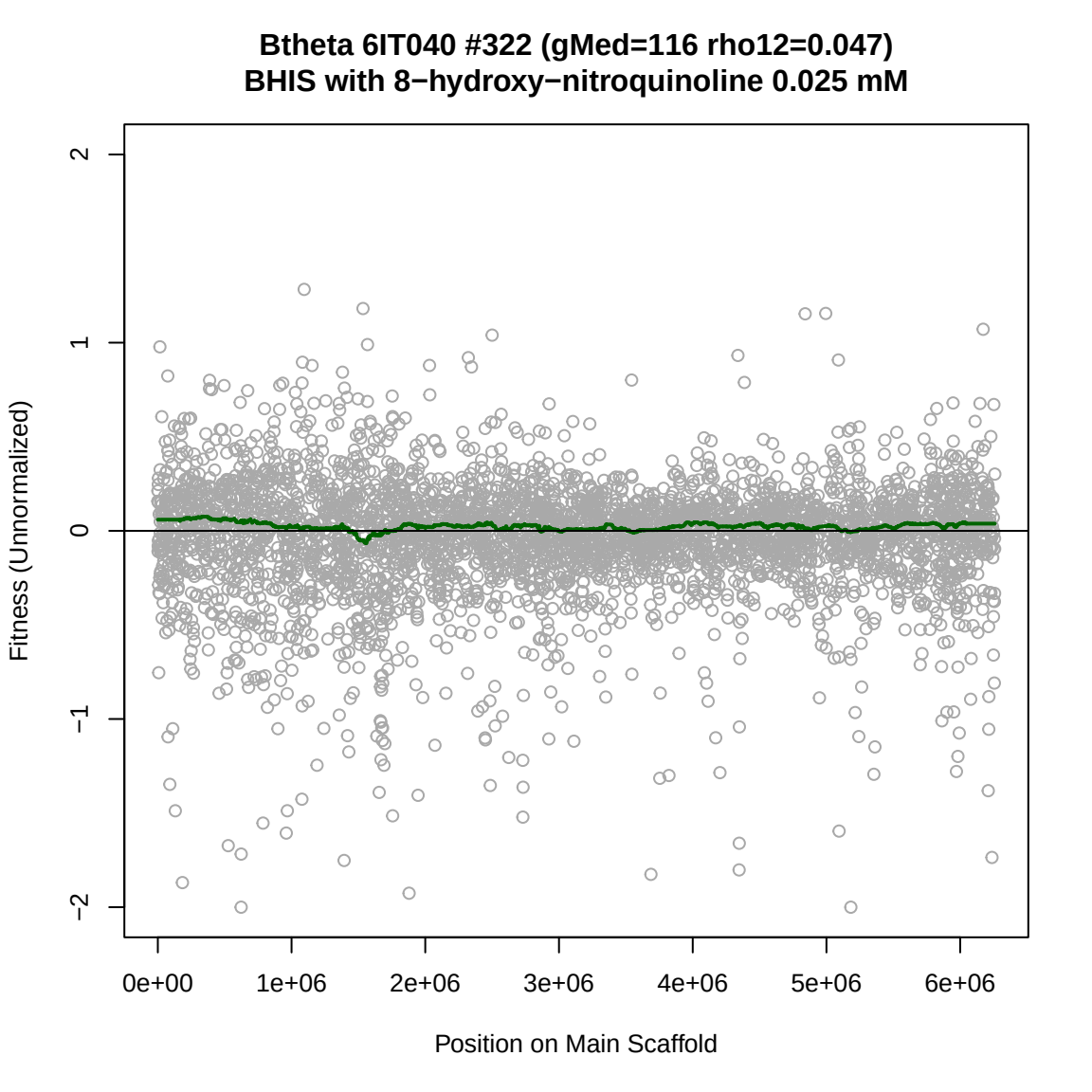

Btheta 6IT035 #317 (gMed=116 rho12=0.129)
BHIS with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

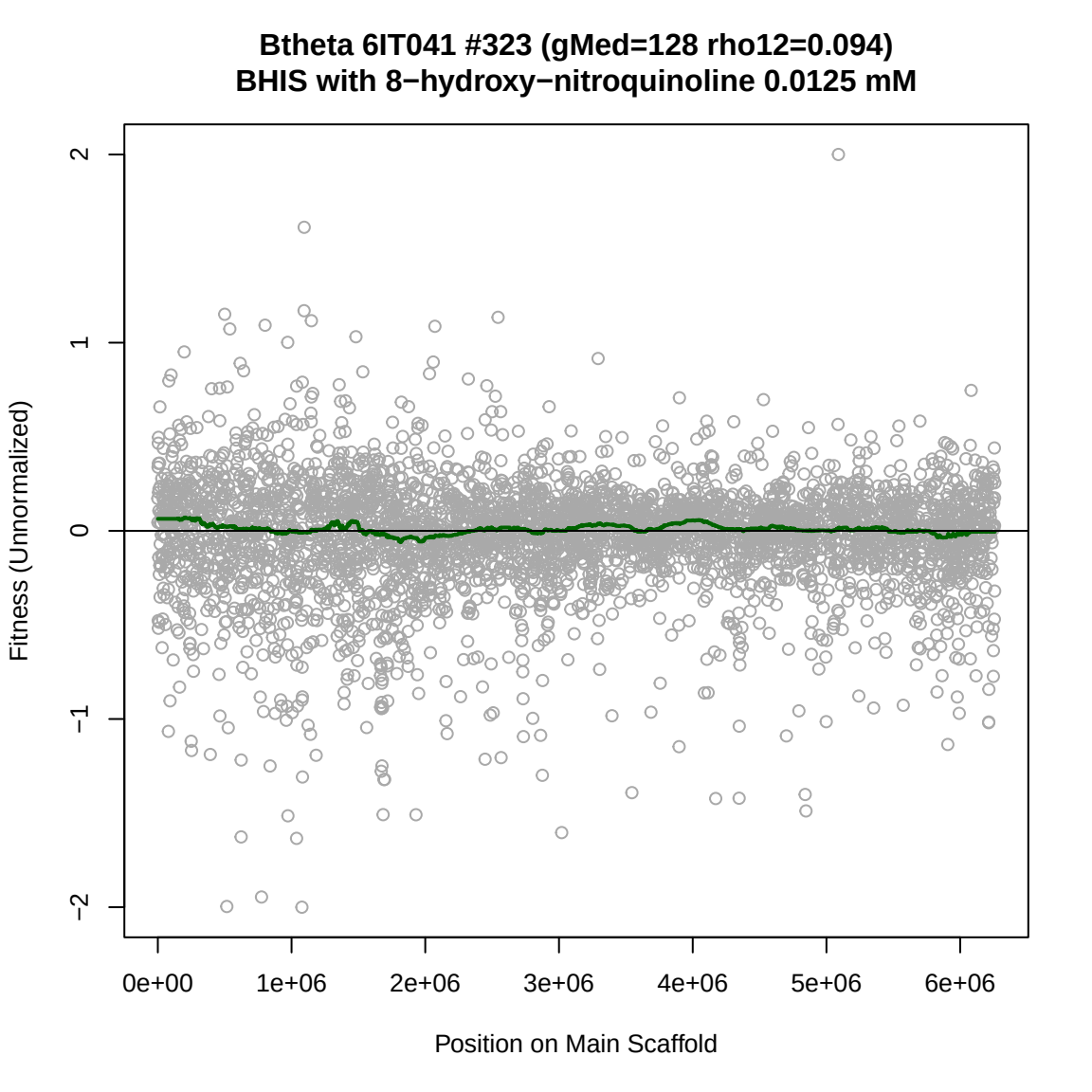

Btheta 6IT036 #318 (gMed=118 rho12=0.093)
BHIS with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

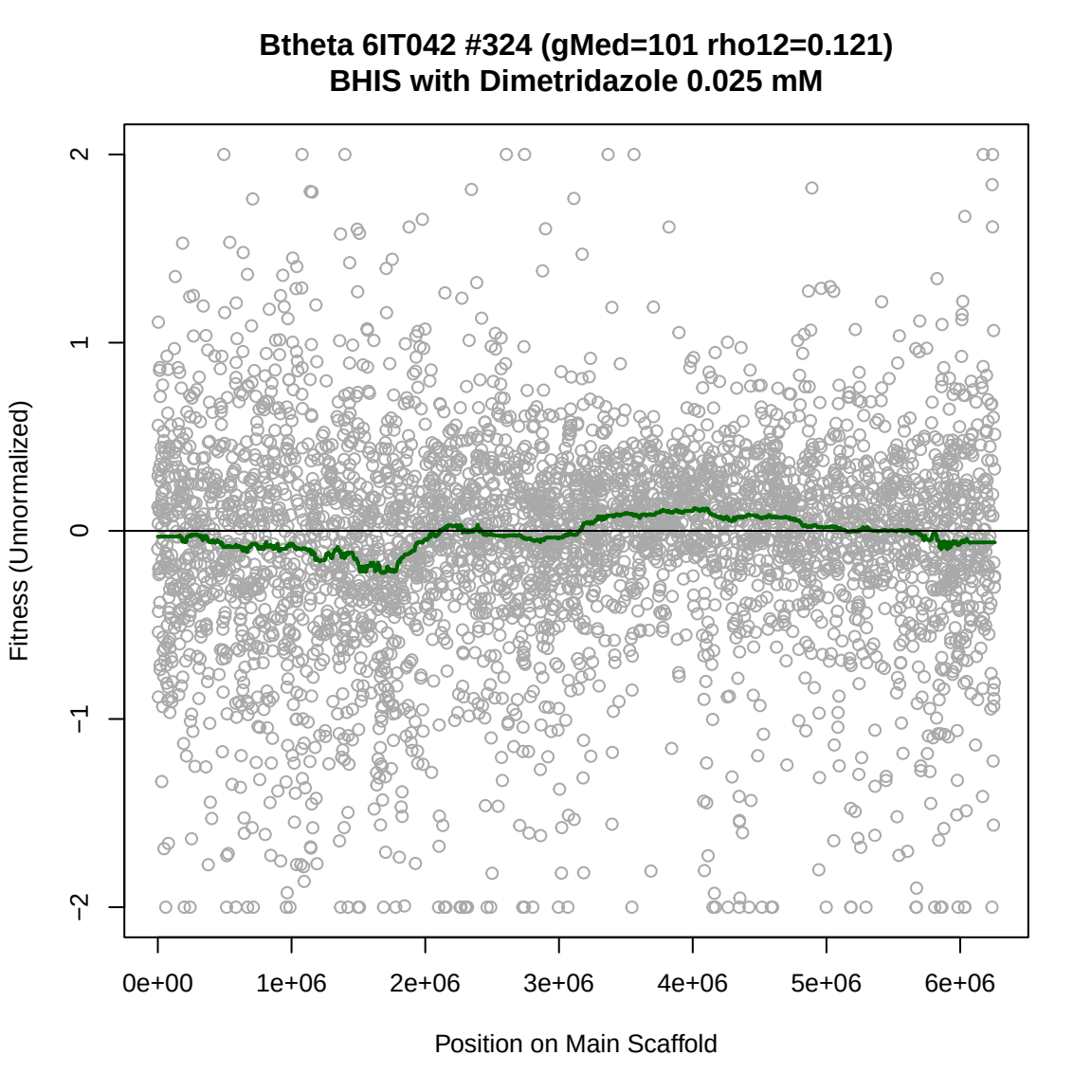

Btheta 6IT037 #319 (gMed=151 rho12=0.093)
BHIS with Dimetridazole 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

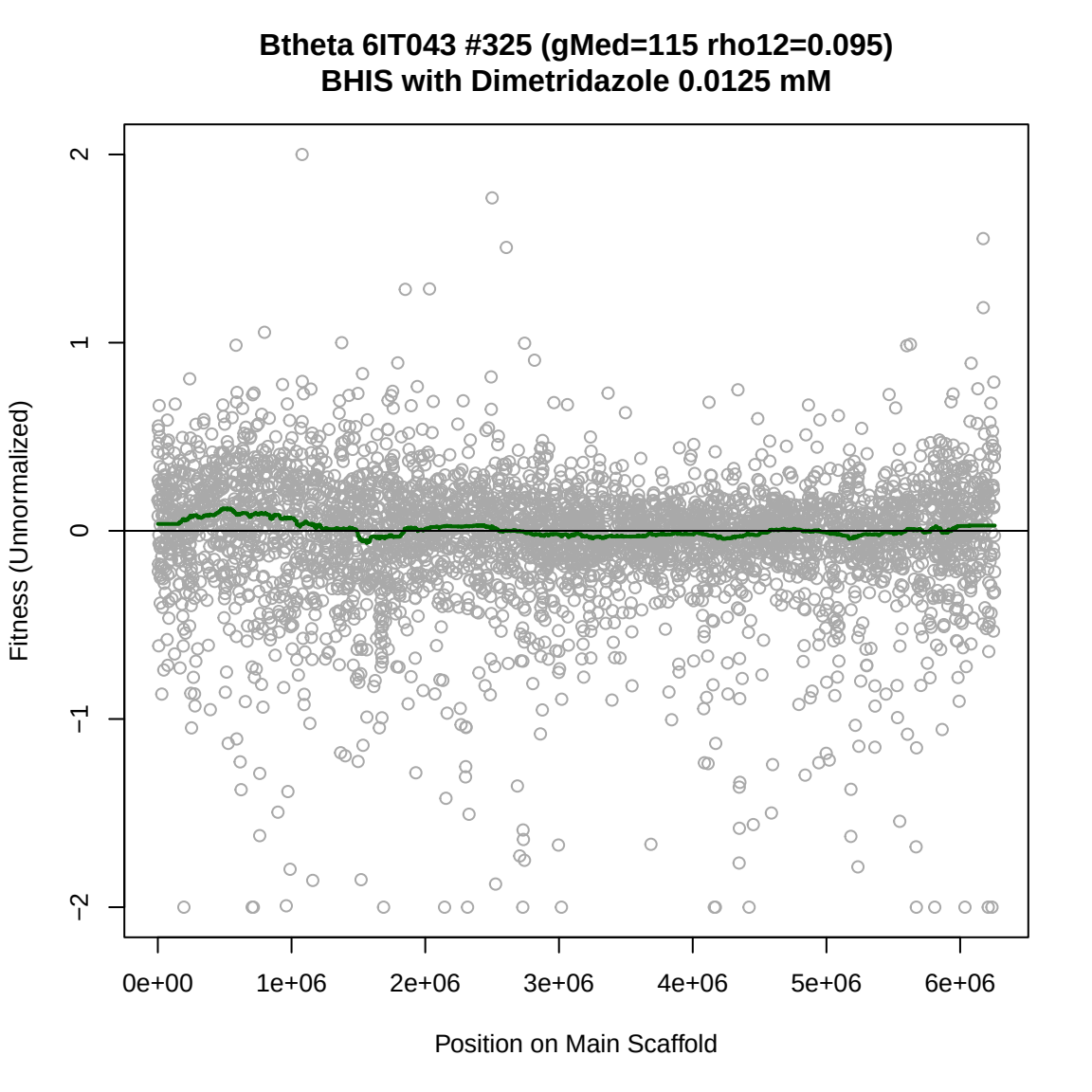

Btheta 6IT038 #320 (gMed=119 rho12=0.027)
BHIS with 8−hydroxy−nitroquinoline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

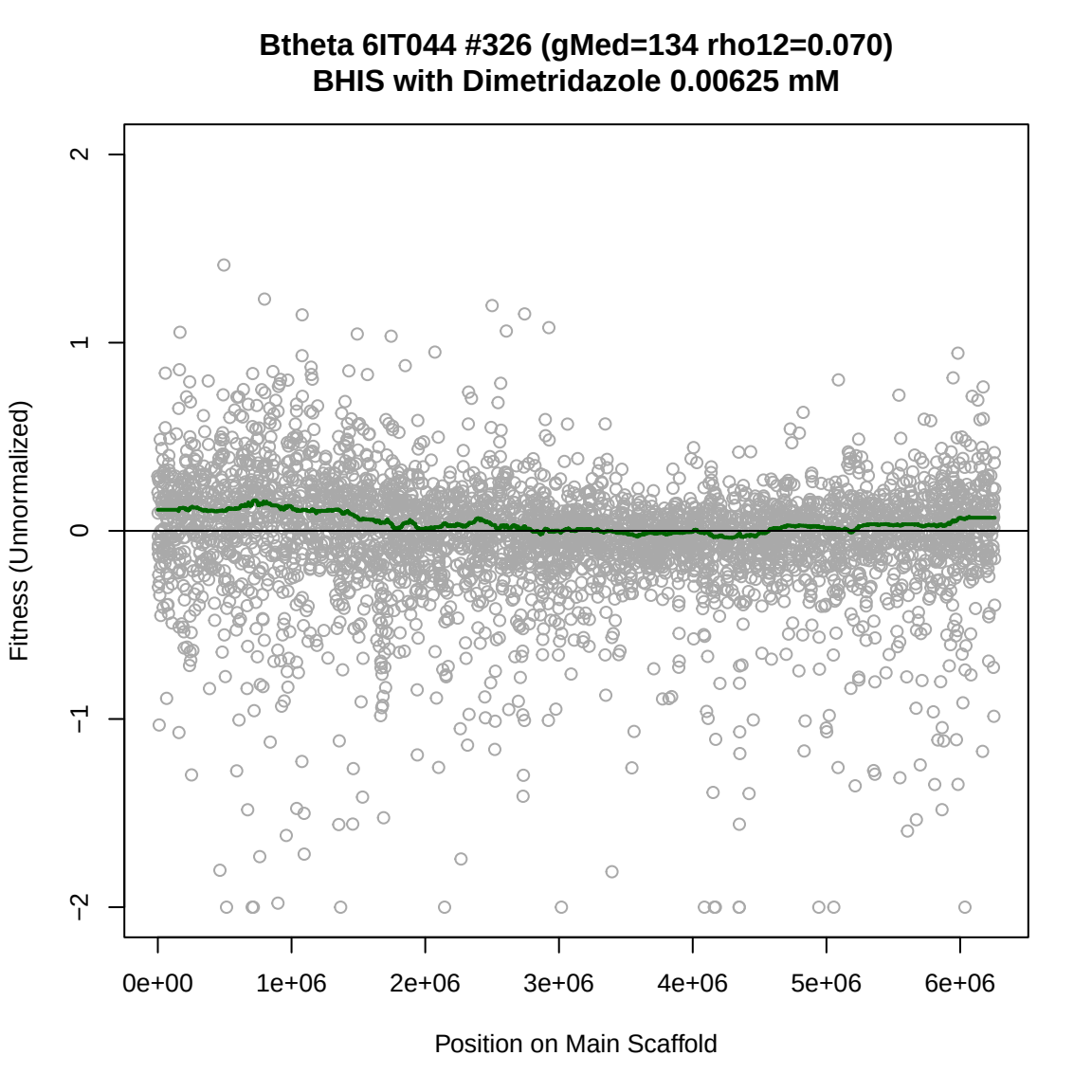

Btheta 6IT039 #321 (gMed=121 rho12=0.066)
BHIS with 8−hydroxy−nitroquinoline 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

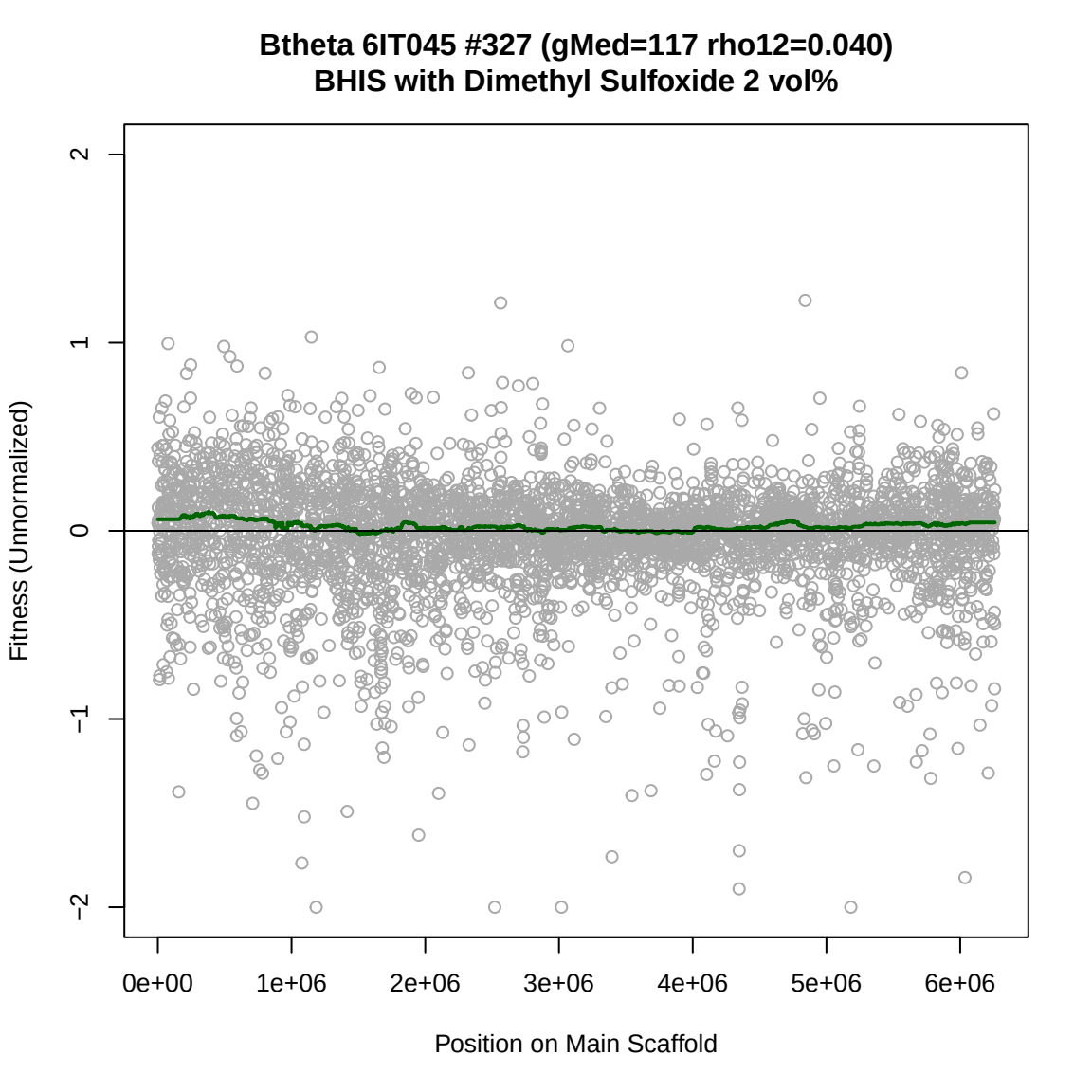

Btheta 6IT040 #322 (gMed=116 rho12=0.047)
BHIS with 8−hydroxy−nitroquinoline 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

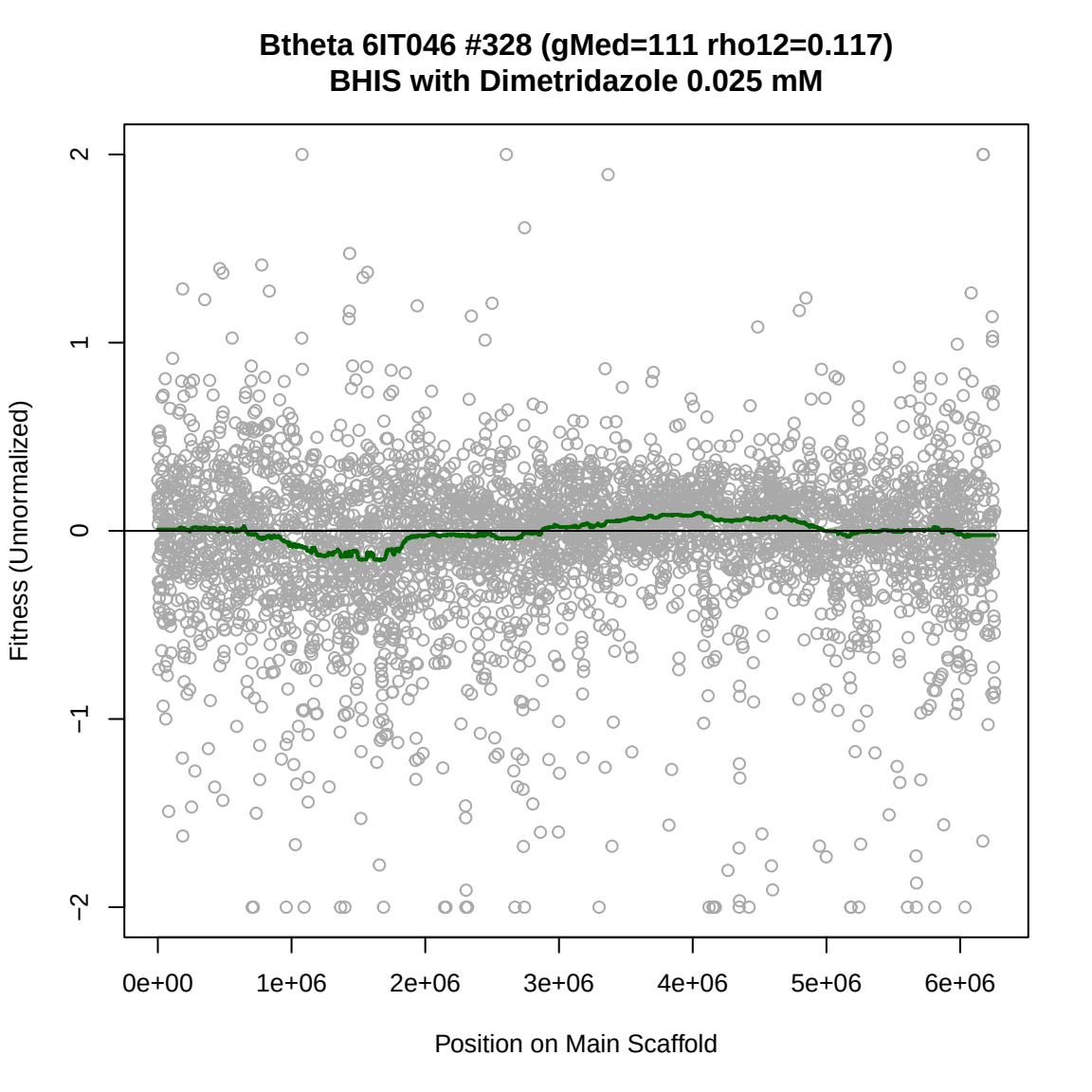

Btheta 6IT041 #323 (gMed=128 rho12=0.094)
BHIS with 8−hydroxy−nitroquinoline 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

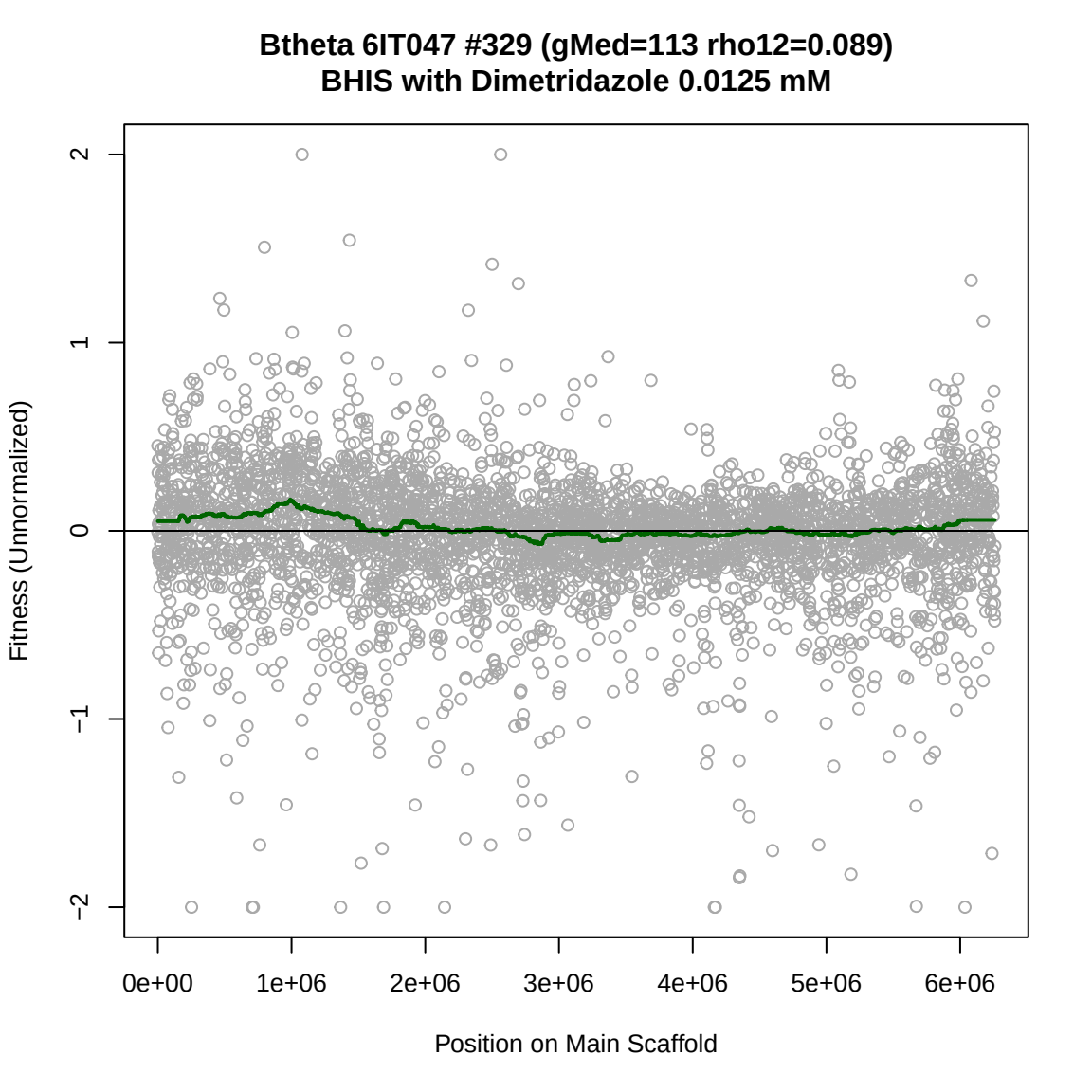

Btheta 6IT042 #324 (gMed=101 rho12=0.121)
BHIS with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

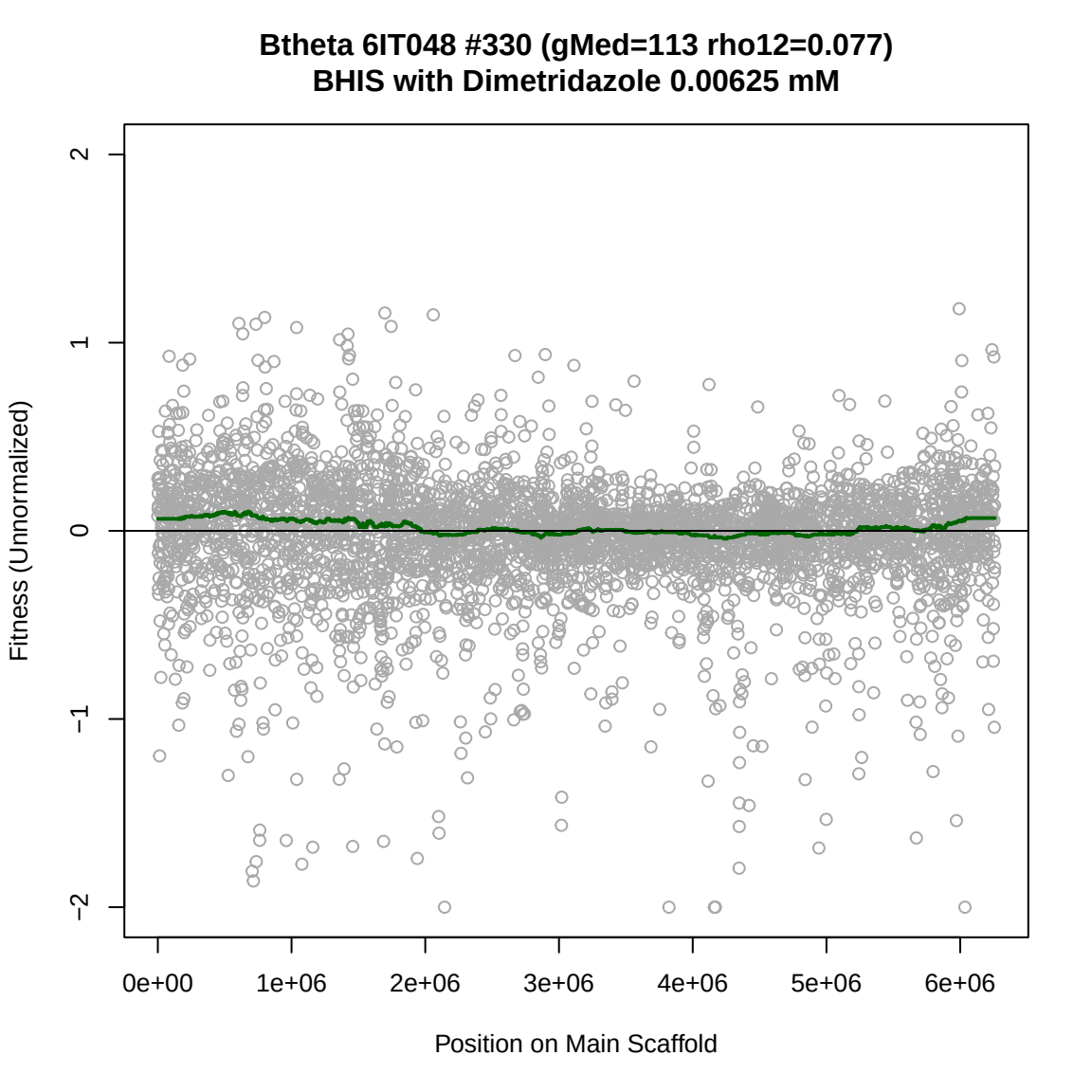

Btheta 6IT043 #325 (gMed=115 rho12=0.095)
BHIS with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

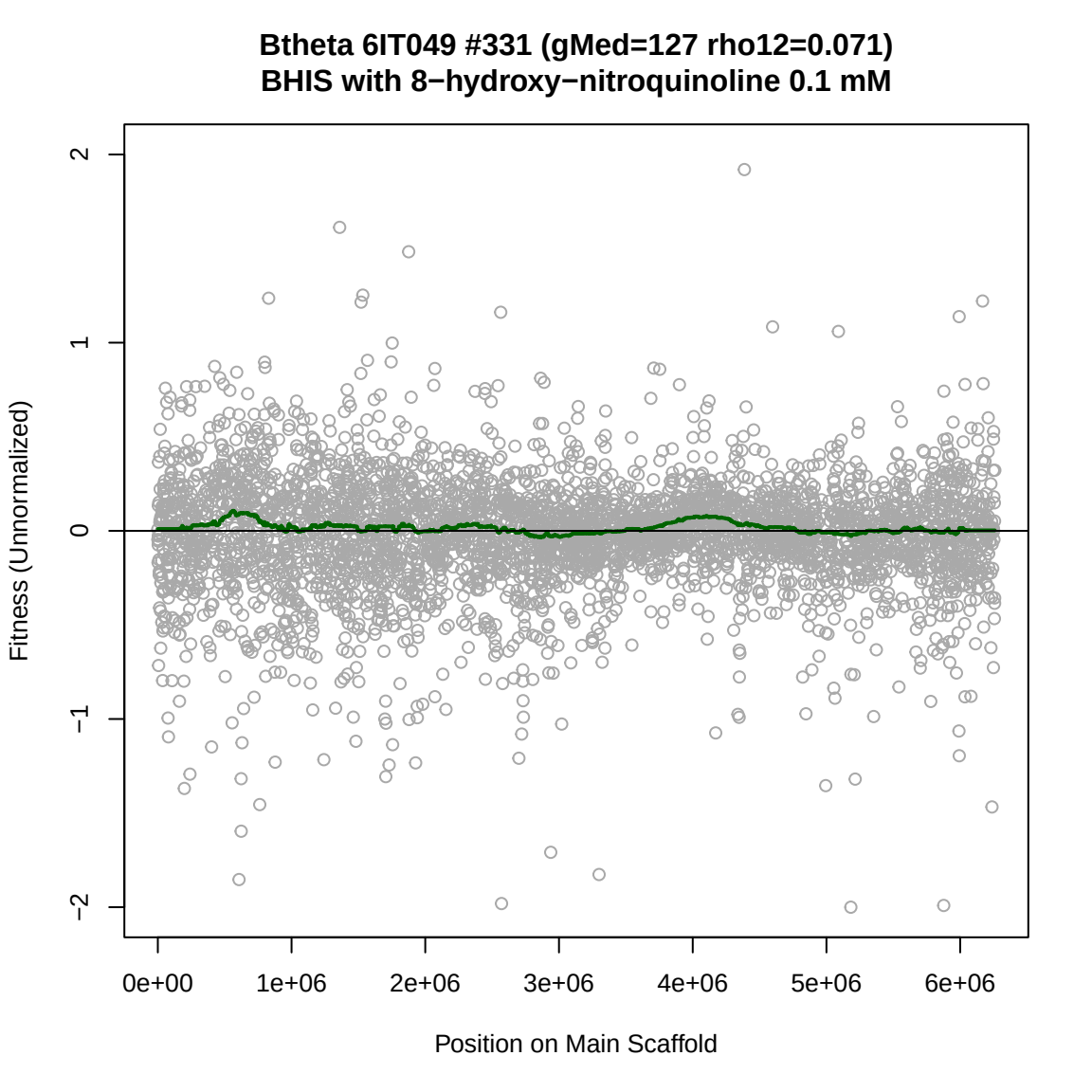

Btheta 6IT044 #326 (gMed=134 rho12=0.070)
BHIS with Dimetridazole 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

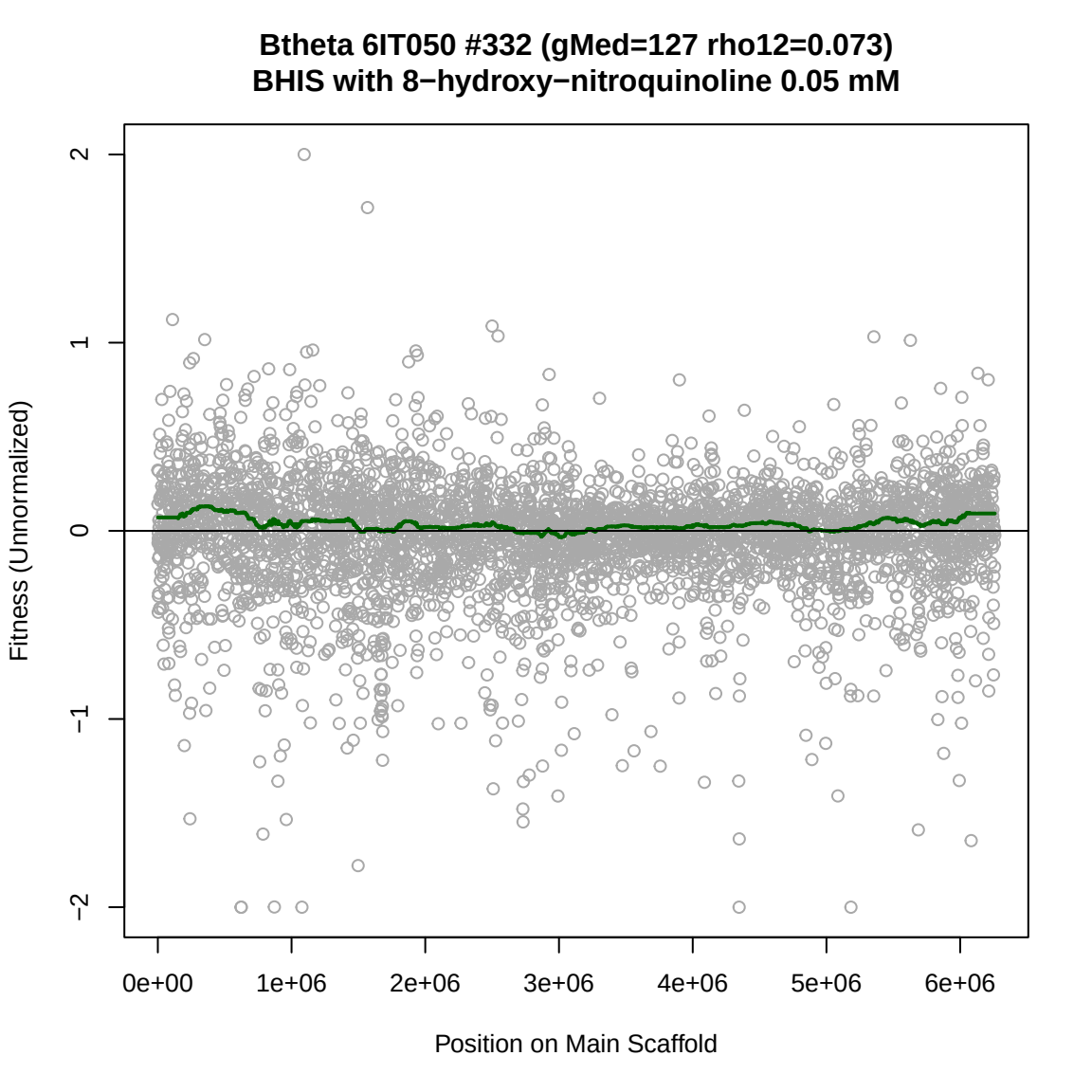

Btheta 6IT045 #327 (gMed=117 rho12=0.040)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

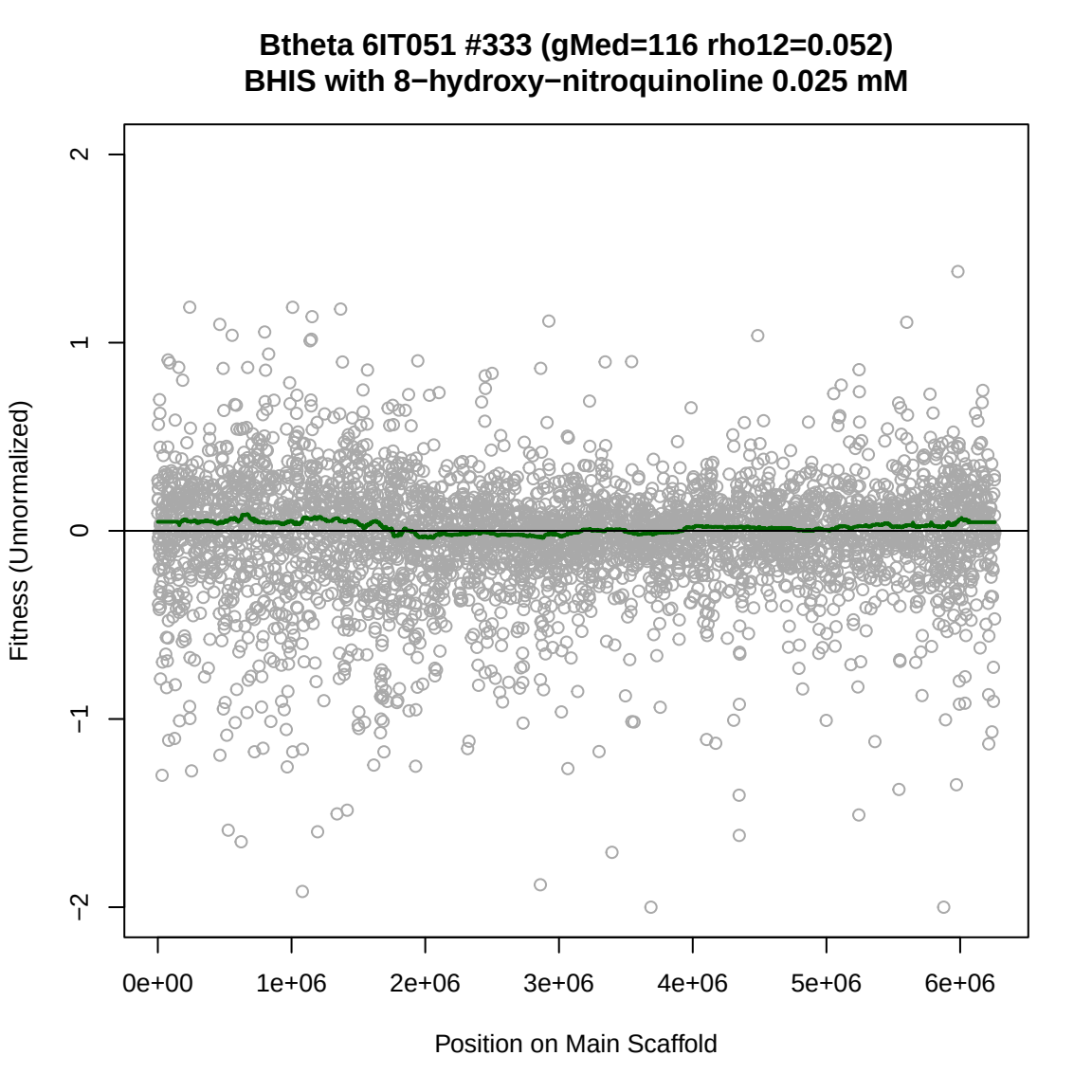

Btheta 6IT046 #328 (gMed=111 rho12=0.117)
BHIS with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

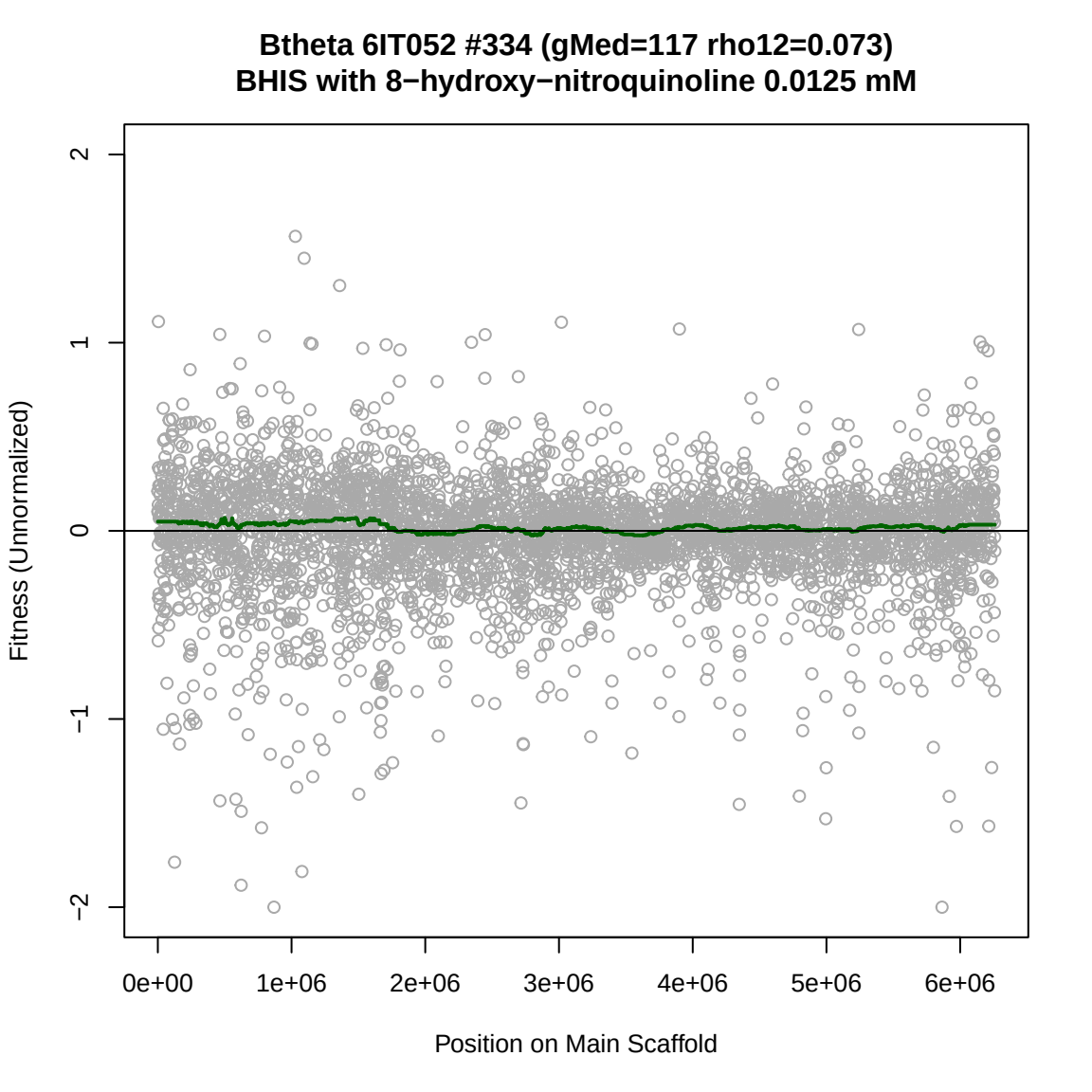

Btheta 6IT047 #329 (gMed=113 rho12=0.089)
BHIS with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

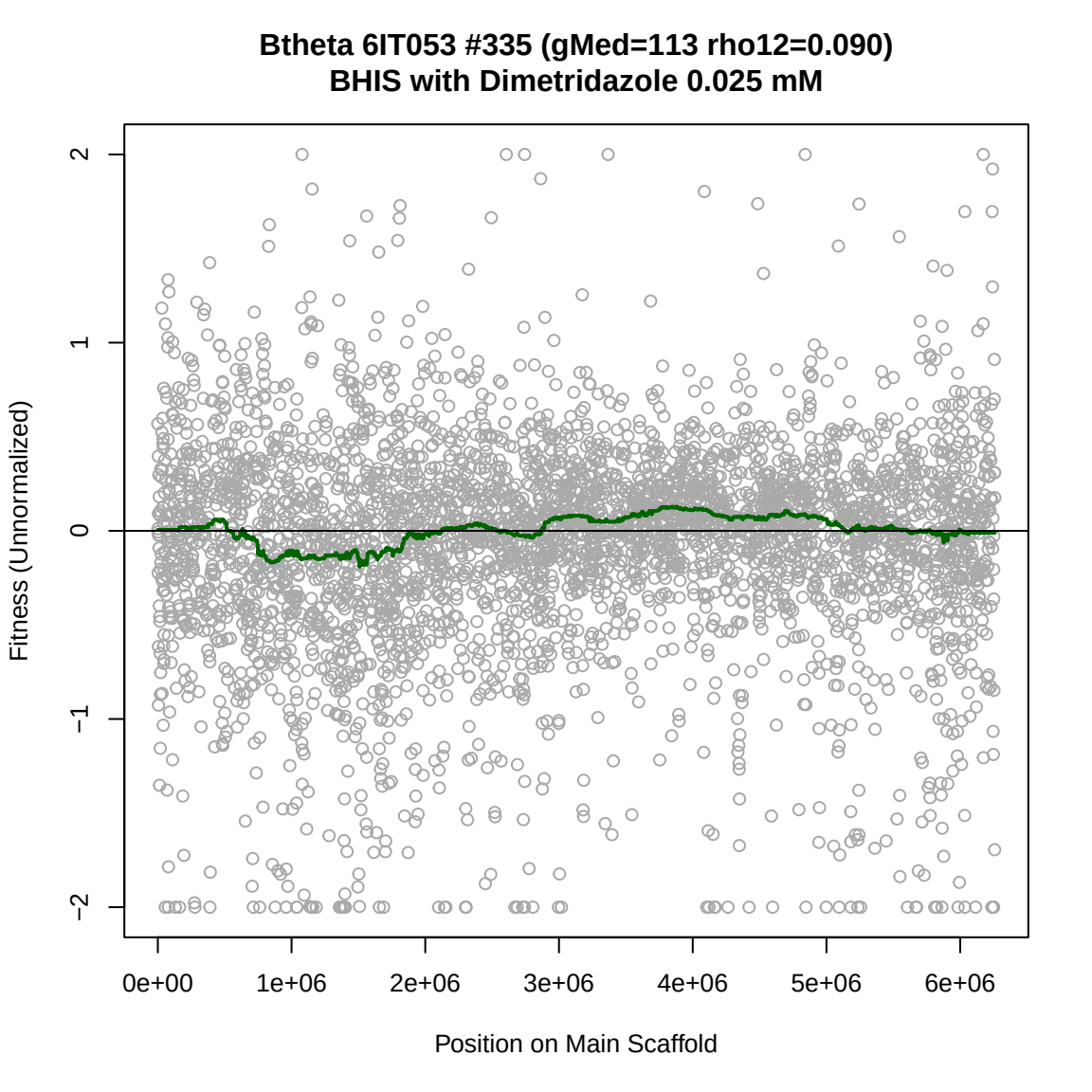

Btheta 6IT048 #330 (gMed=113 rho12=0.077)
BHIS with Dimetridazole 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

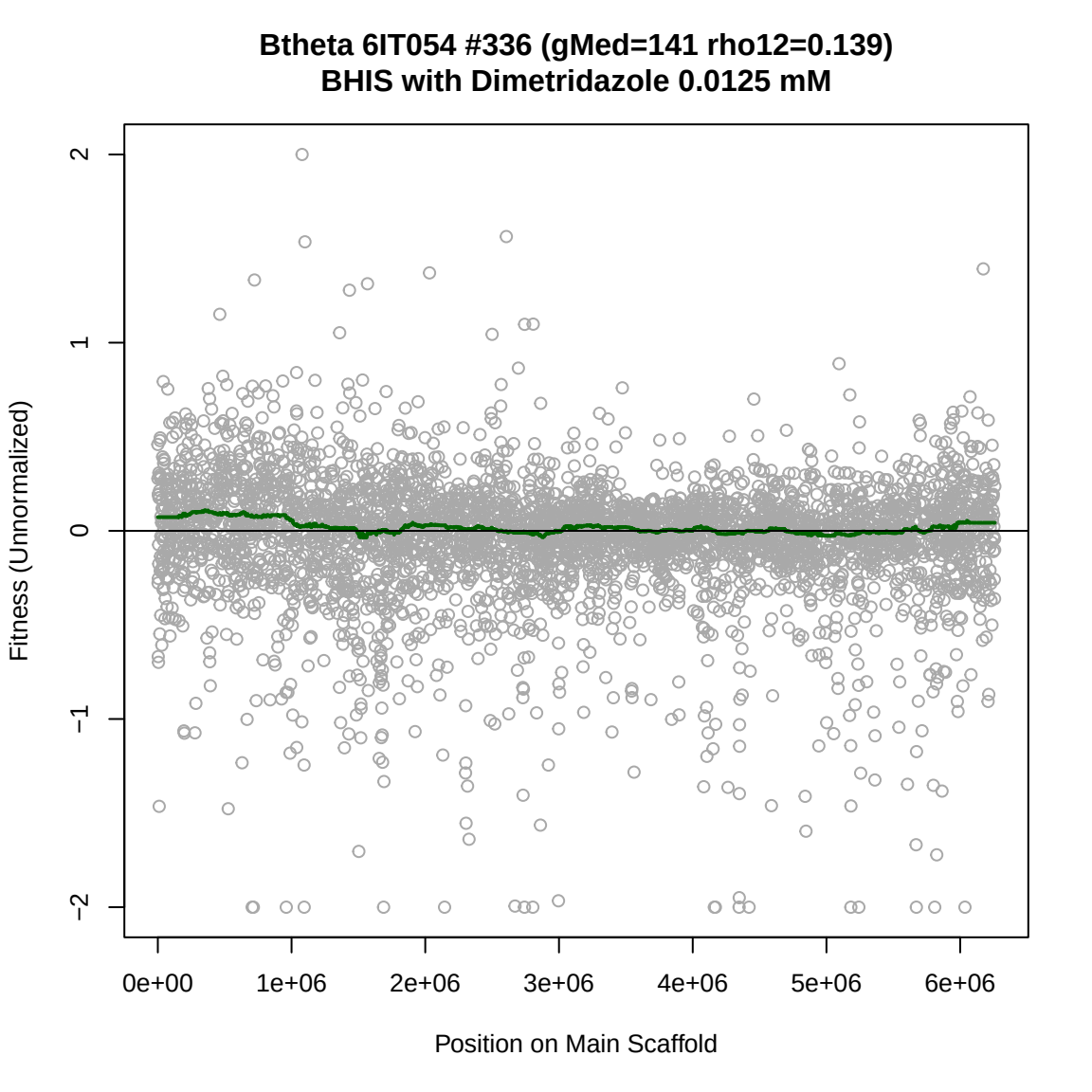

Btheta 6IT049 #331 (gMed=127 rho12=0.071)
BHIS with 8−hydroxy−nitroquinoline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

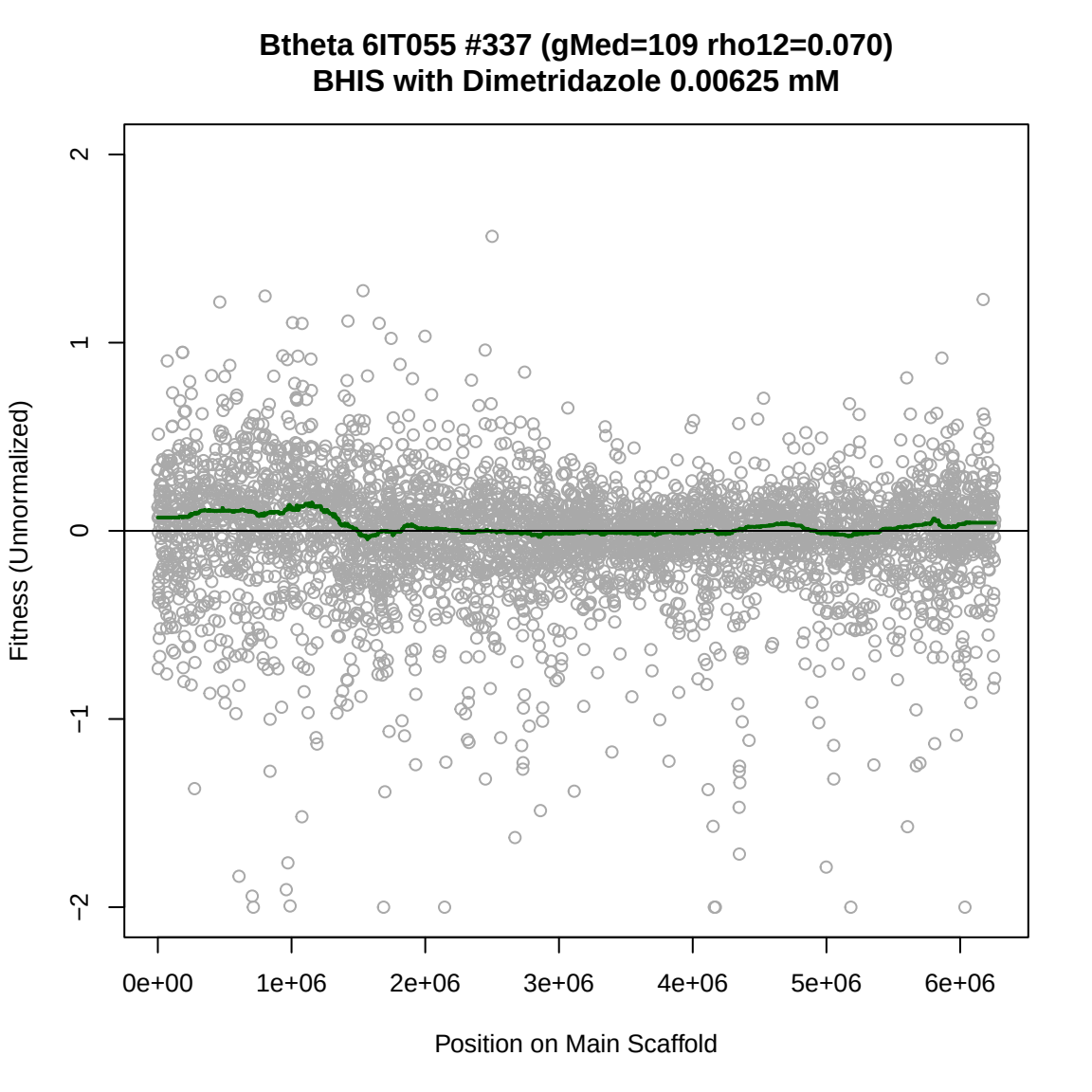

Btheta 6IT050 #332 (gMed=127 rho12=0.073)
BHIS with 8−hydroxy−nitroquinoline 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

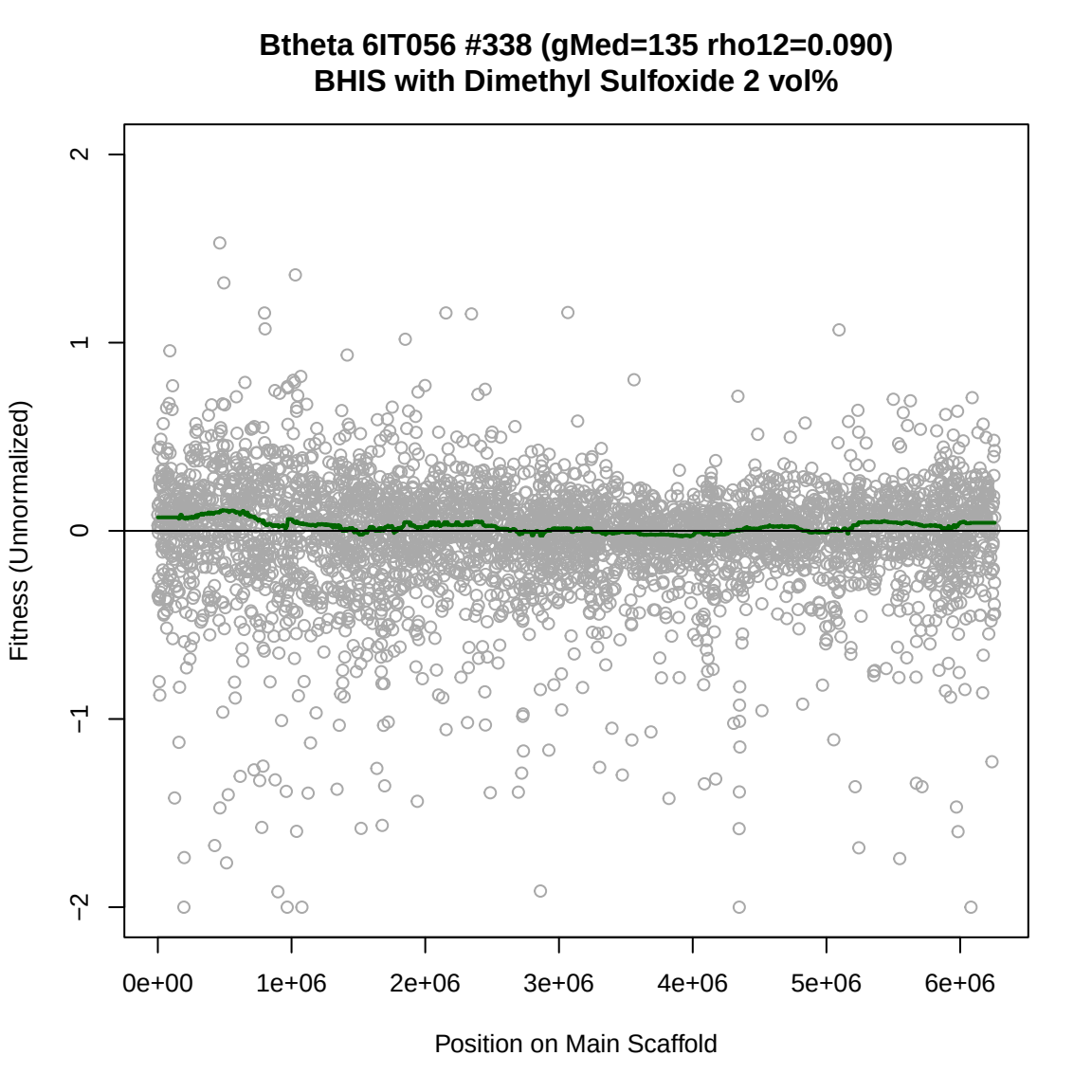

Btheta 6IT051 #333 (gMed=116 rho12=0.052)
BHIS with 8−hydroxy−nitroquinoline 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

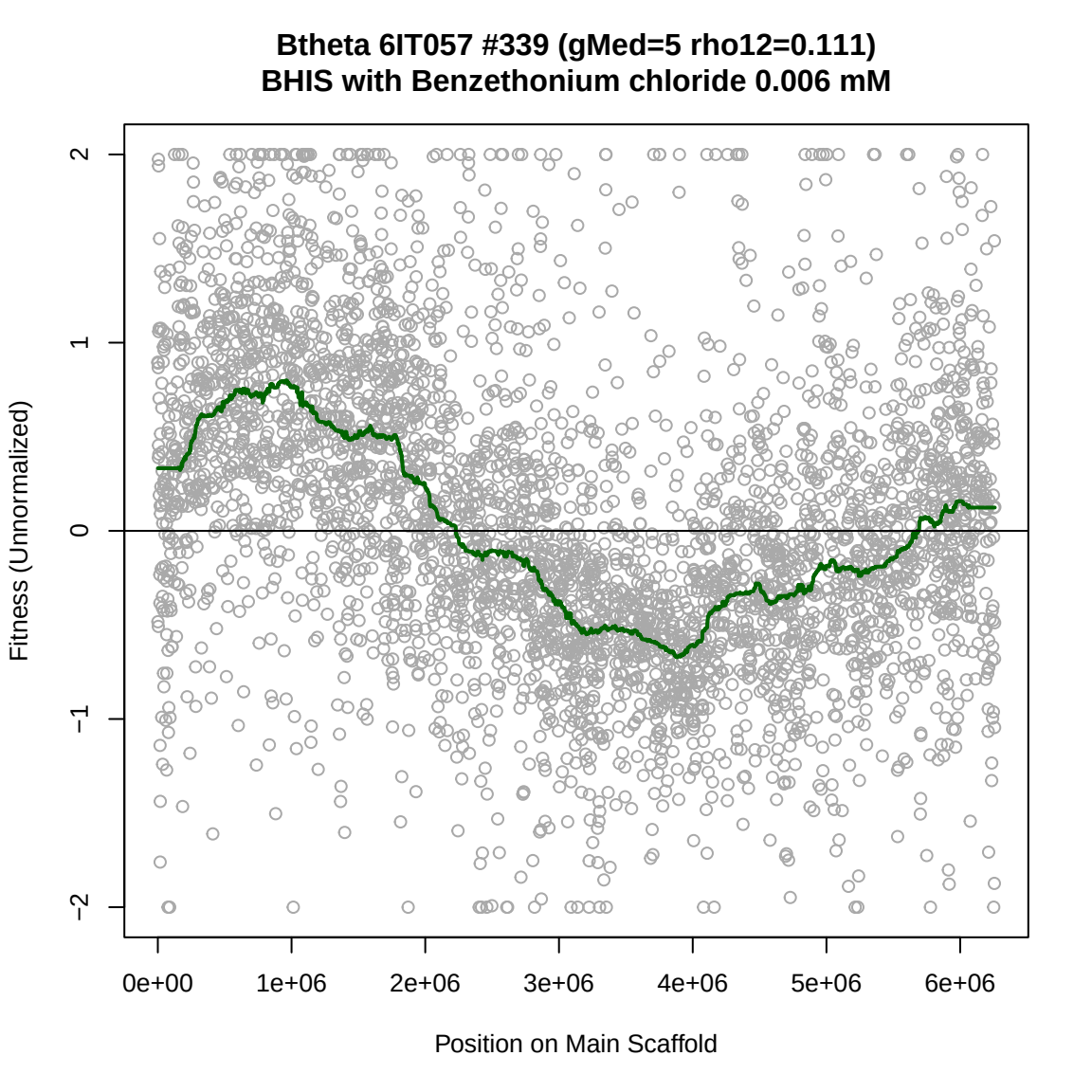

Btheta 6IT052 #334 (gMed=117 rho12=0.073)
BHIS with 8−hydroxy−nitroquinoline 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

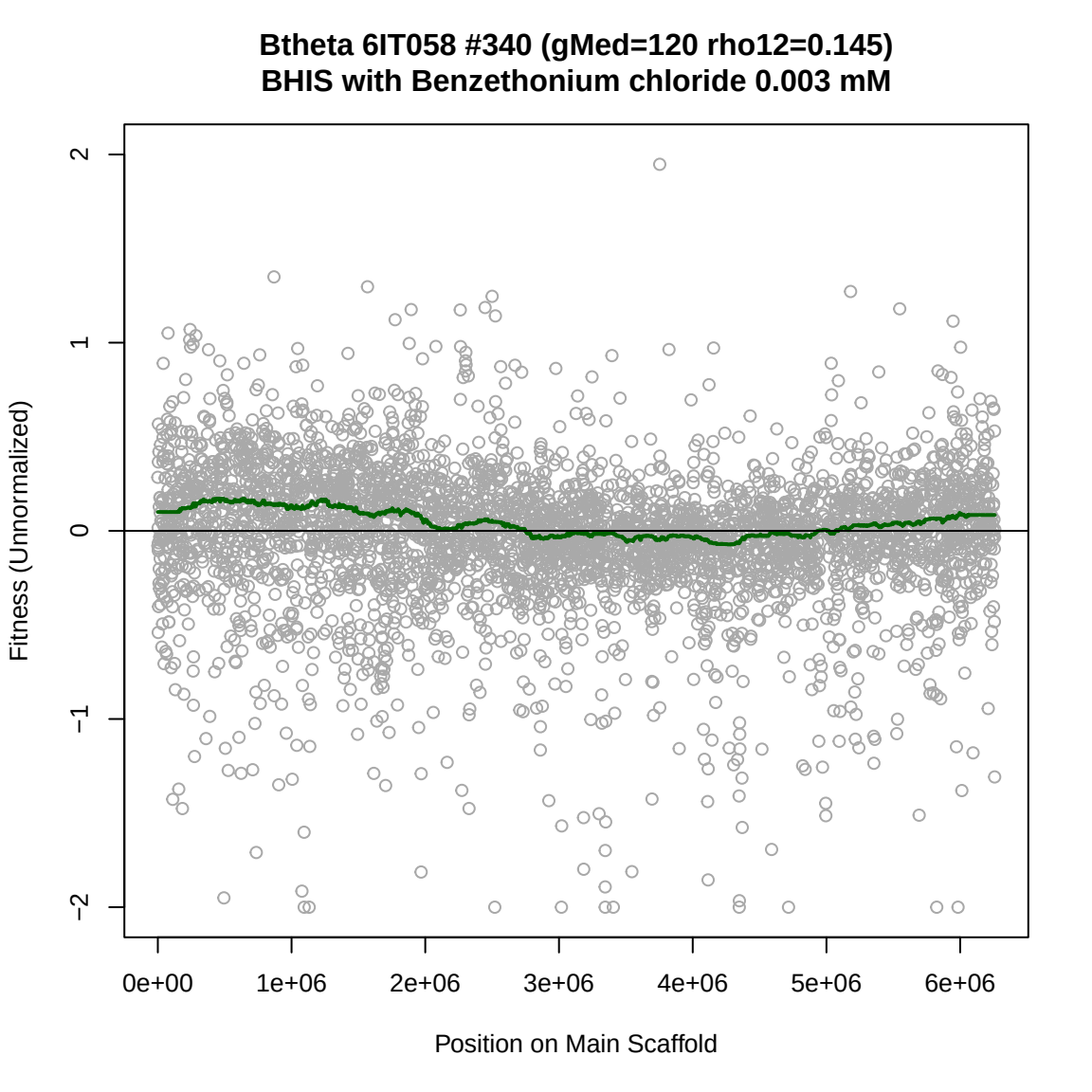

Btheta 6IT053 #335 (gMed=113 rho12=0.090)
BHIS with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

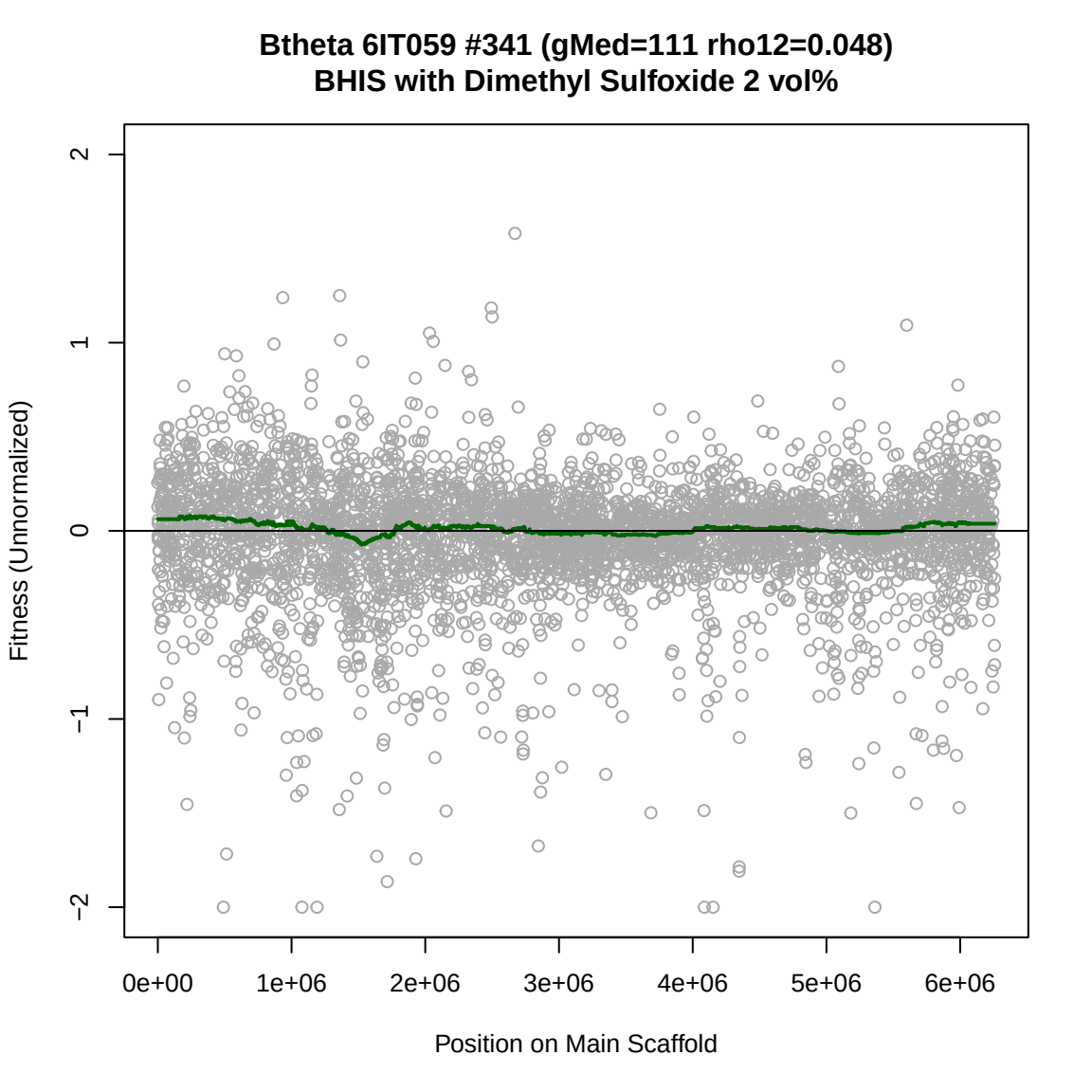

Btheta 6IT054 #336 (gMed=141 rho12=0.139)
BHIS with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

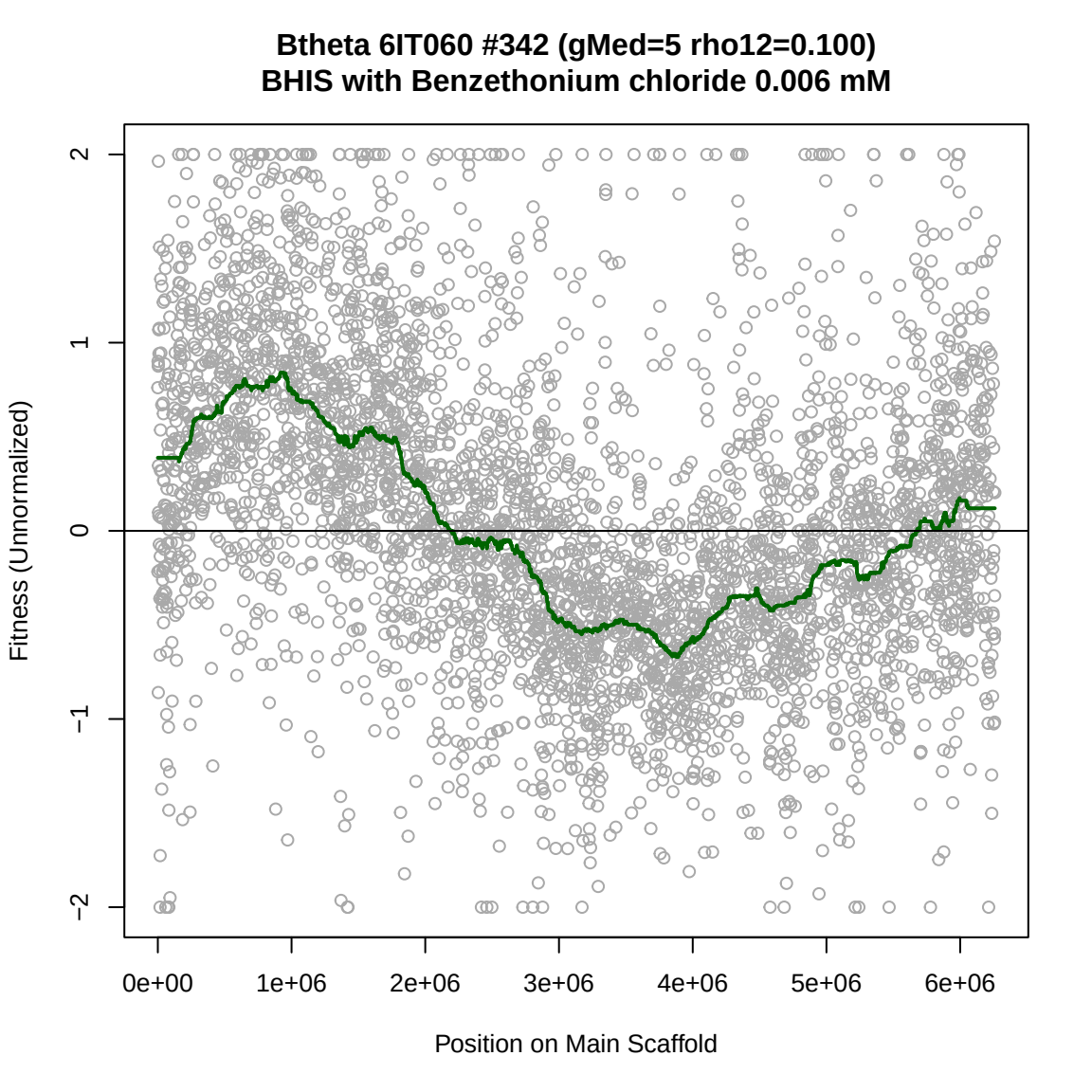

Btheta 6IT055 #337 (gMed=109 rho12=0.070)
BHIS with Dimetridazole 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

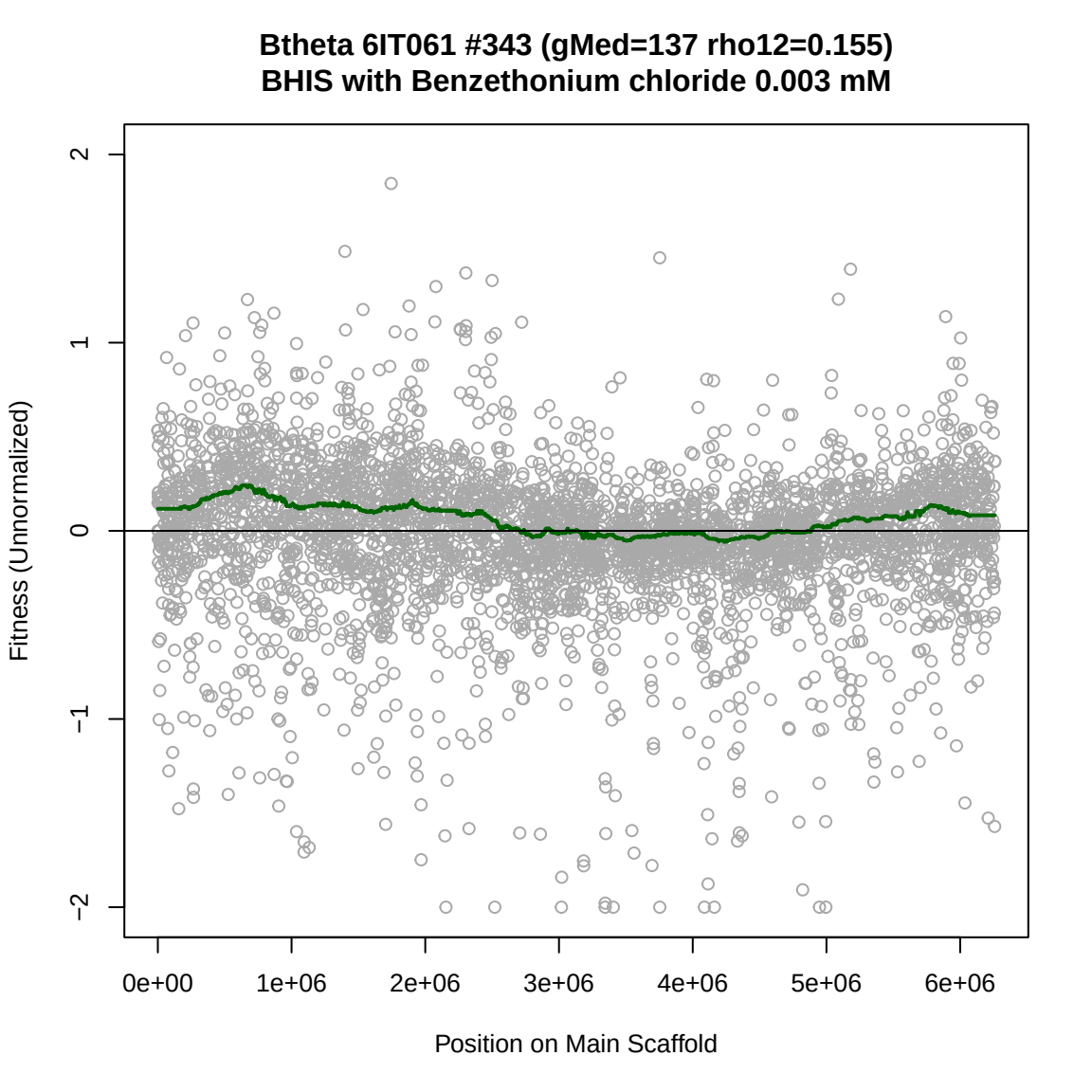

Btheta 6IT056 #338 (gMed=135 rho12=0.090)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

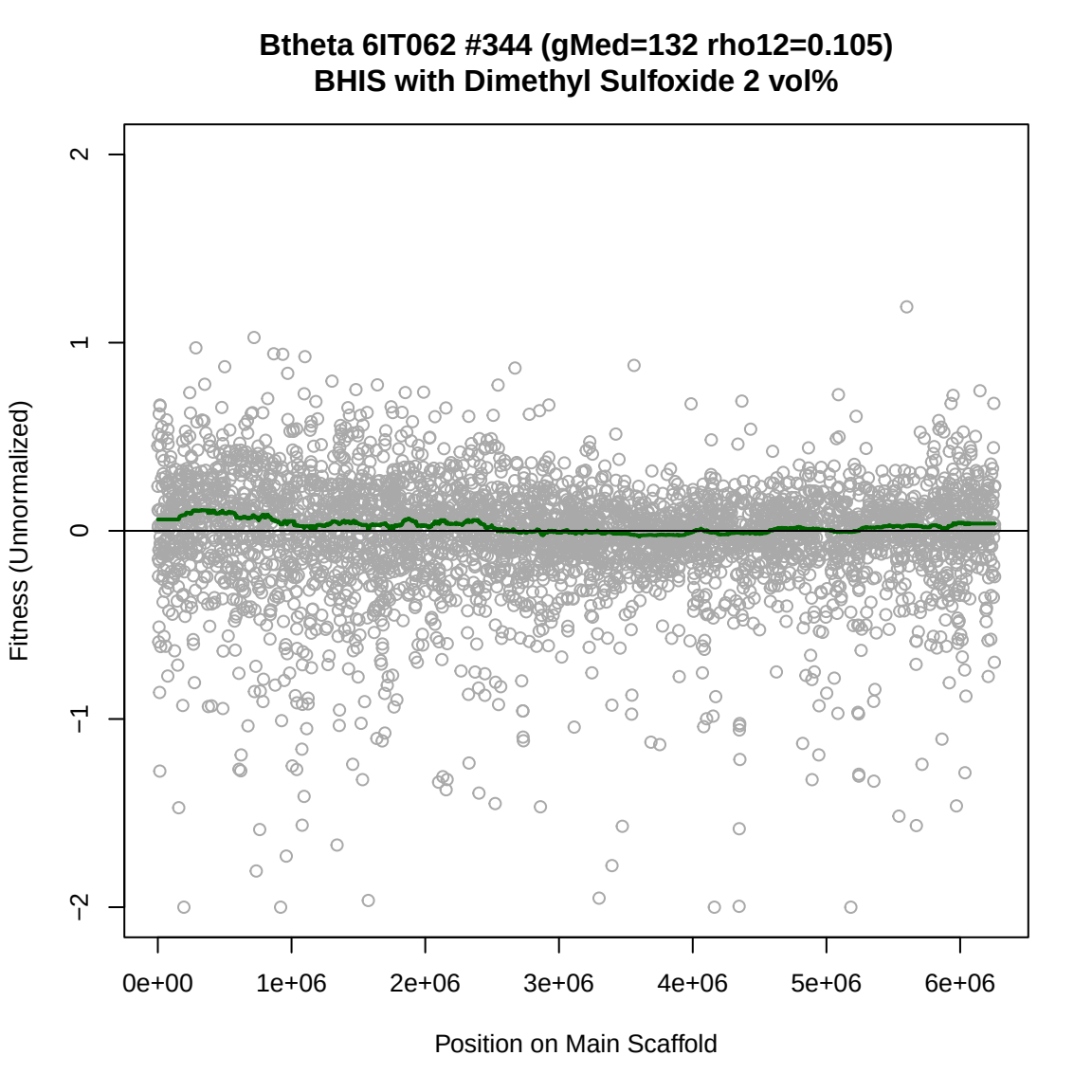

Btheta 6IT057 #339 (gMed=5 rho12=0.111)
BHIS with Benzethonium chloride 0.006 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

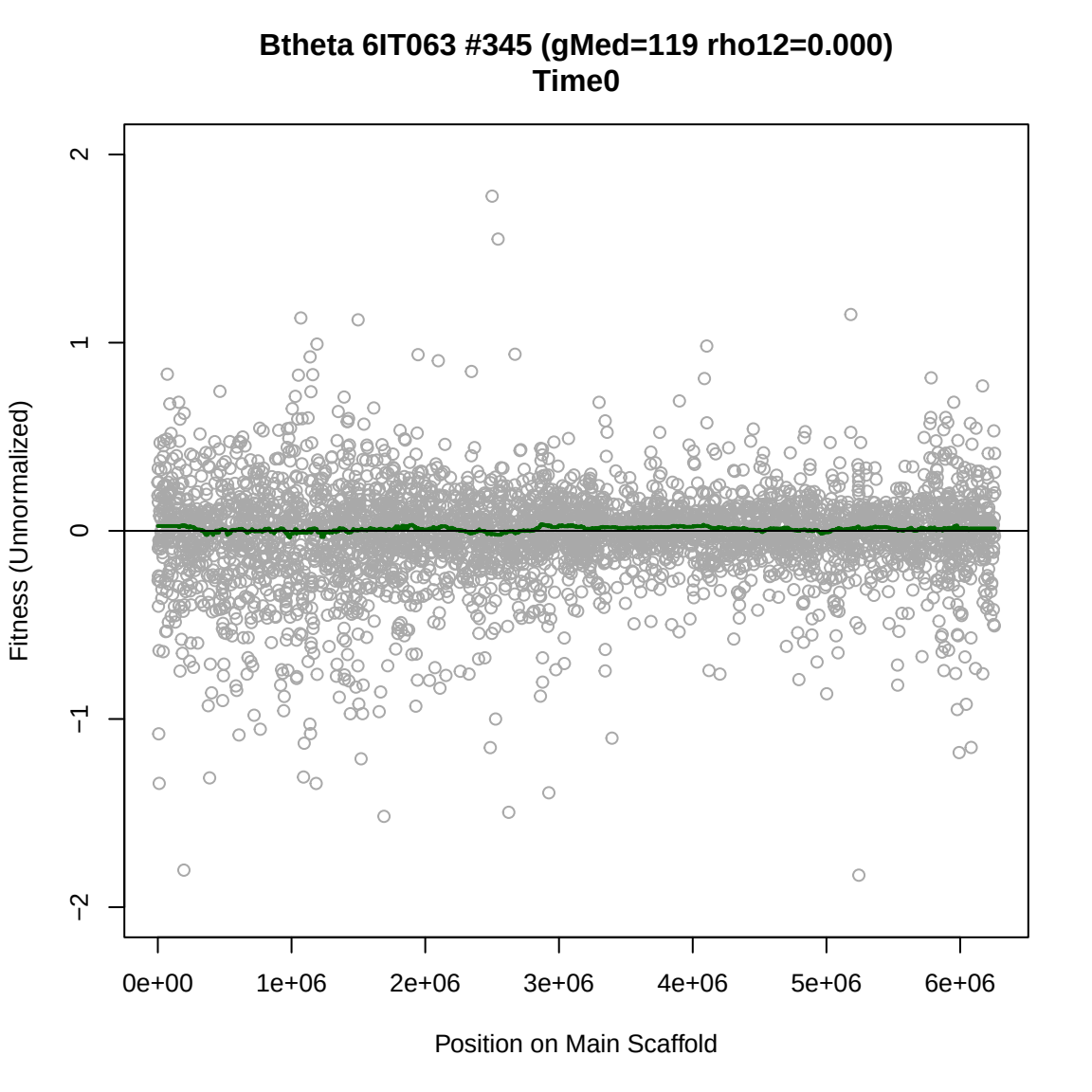

Btheta 6IT058 #340 (gMed=120 rho12=0.145)
BHIS with Benzethonium chloride 0.003 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

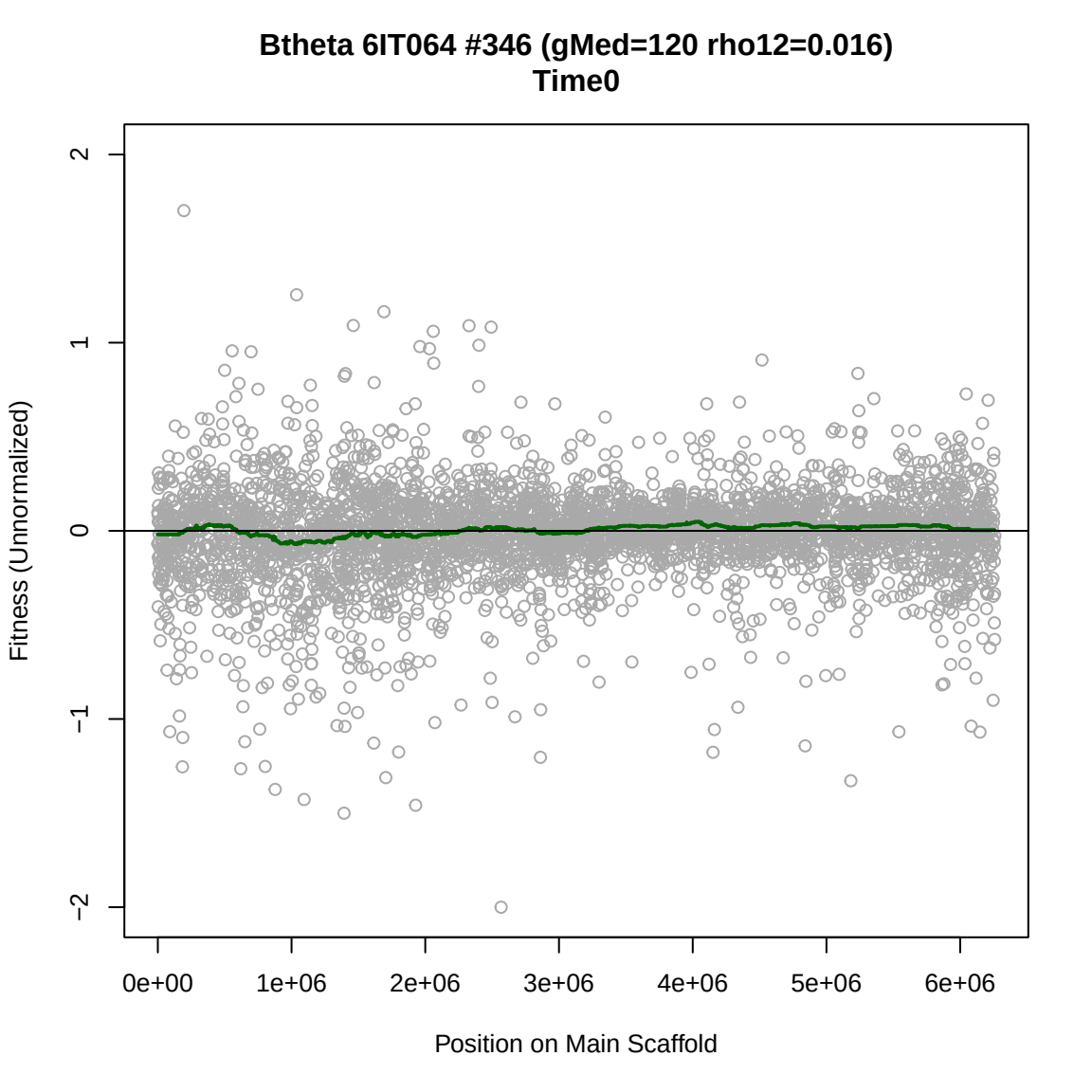

Btheta 6IT059 #341 (gMed=111 rho12=0.048)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

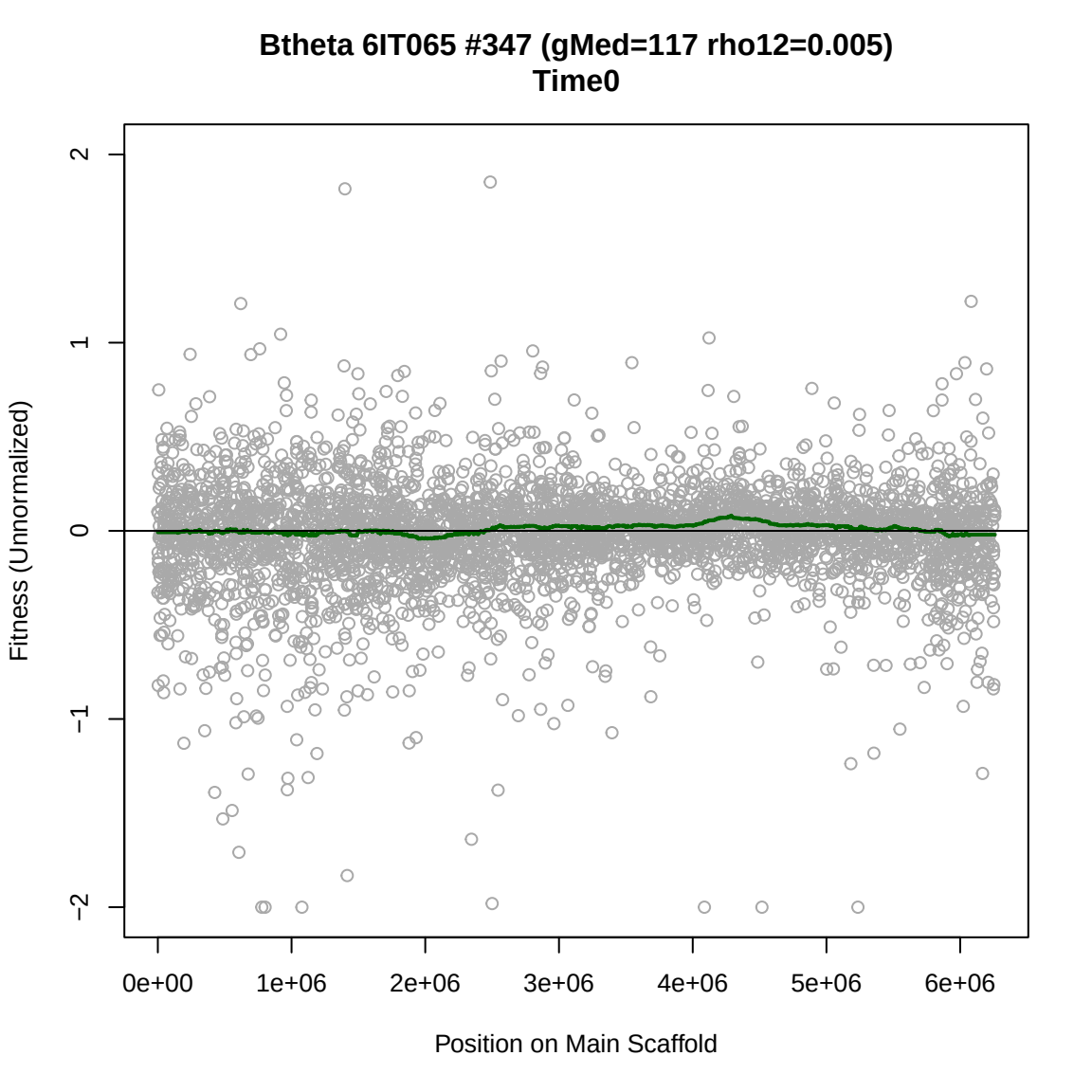

Btheta 6IT060 #342 (gMed=5 rho12=0.100)
BHIS with Benzethonium chloride 0.006 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

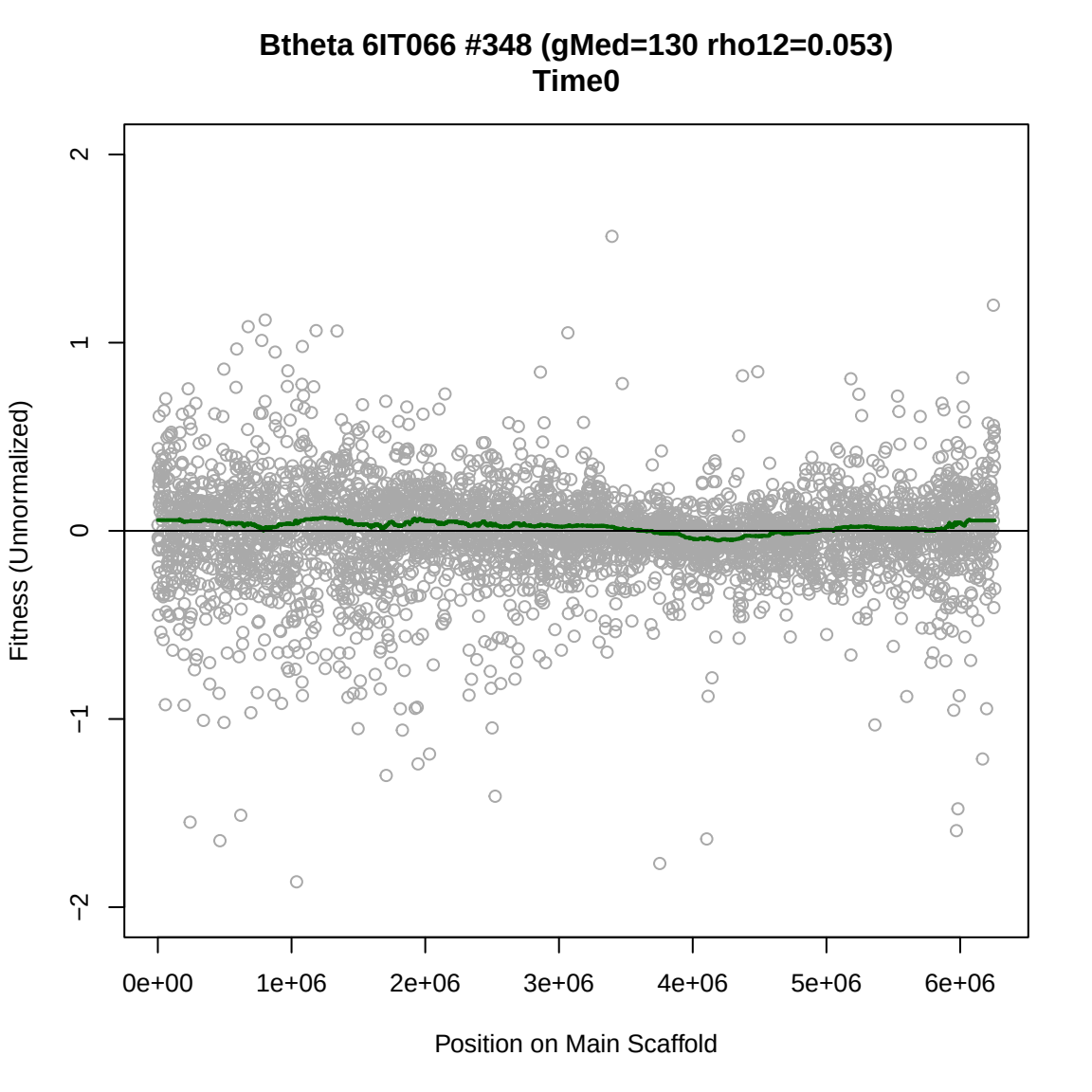

Btheta 6IT061 #343 (gMed=137 rho12=0.155)
BHIS with Benzethonium chloride 0.003 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

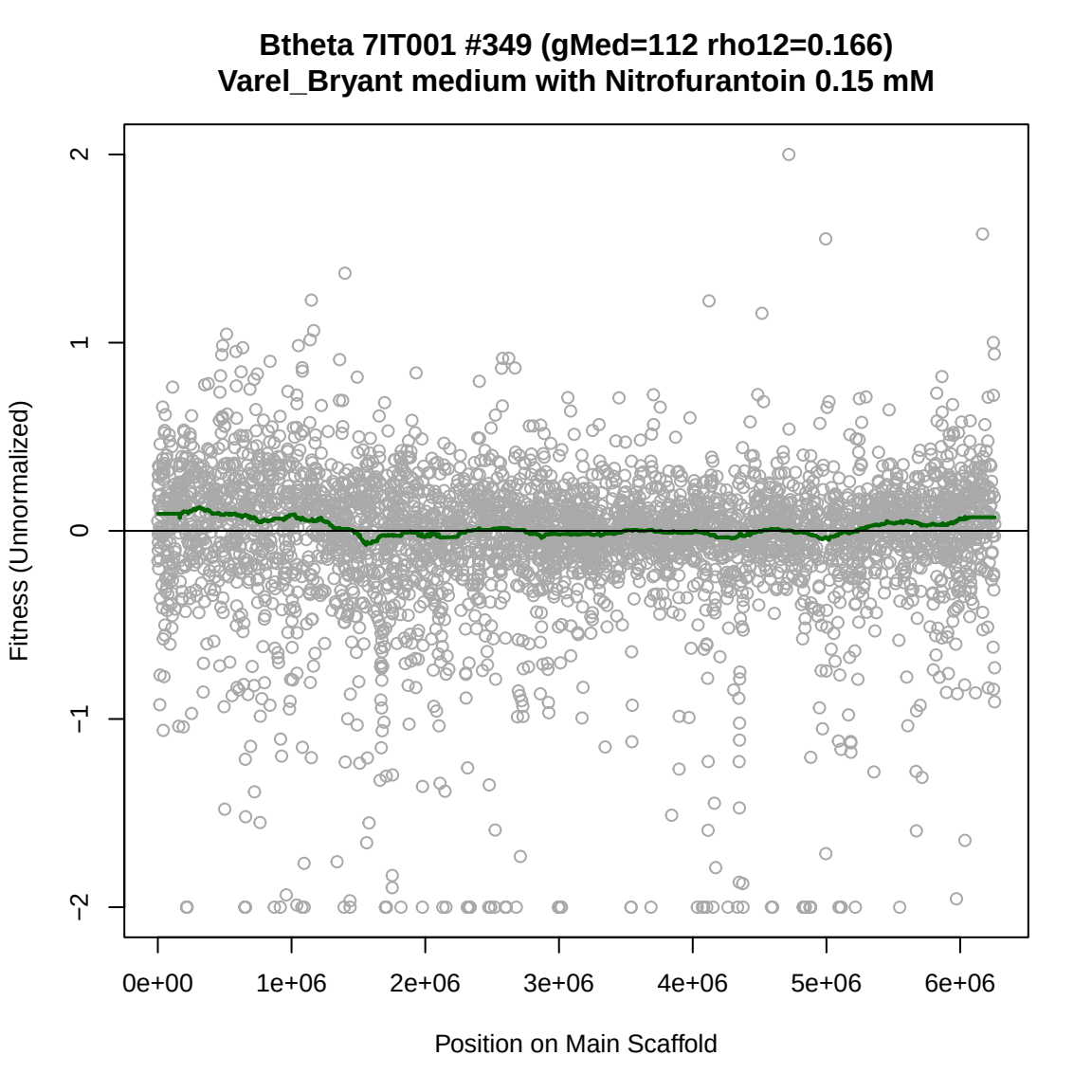

Btheta 6IT062 #344 (gMed=132 rho12=0.105)
BHIS with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

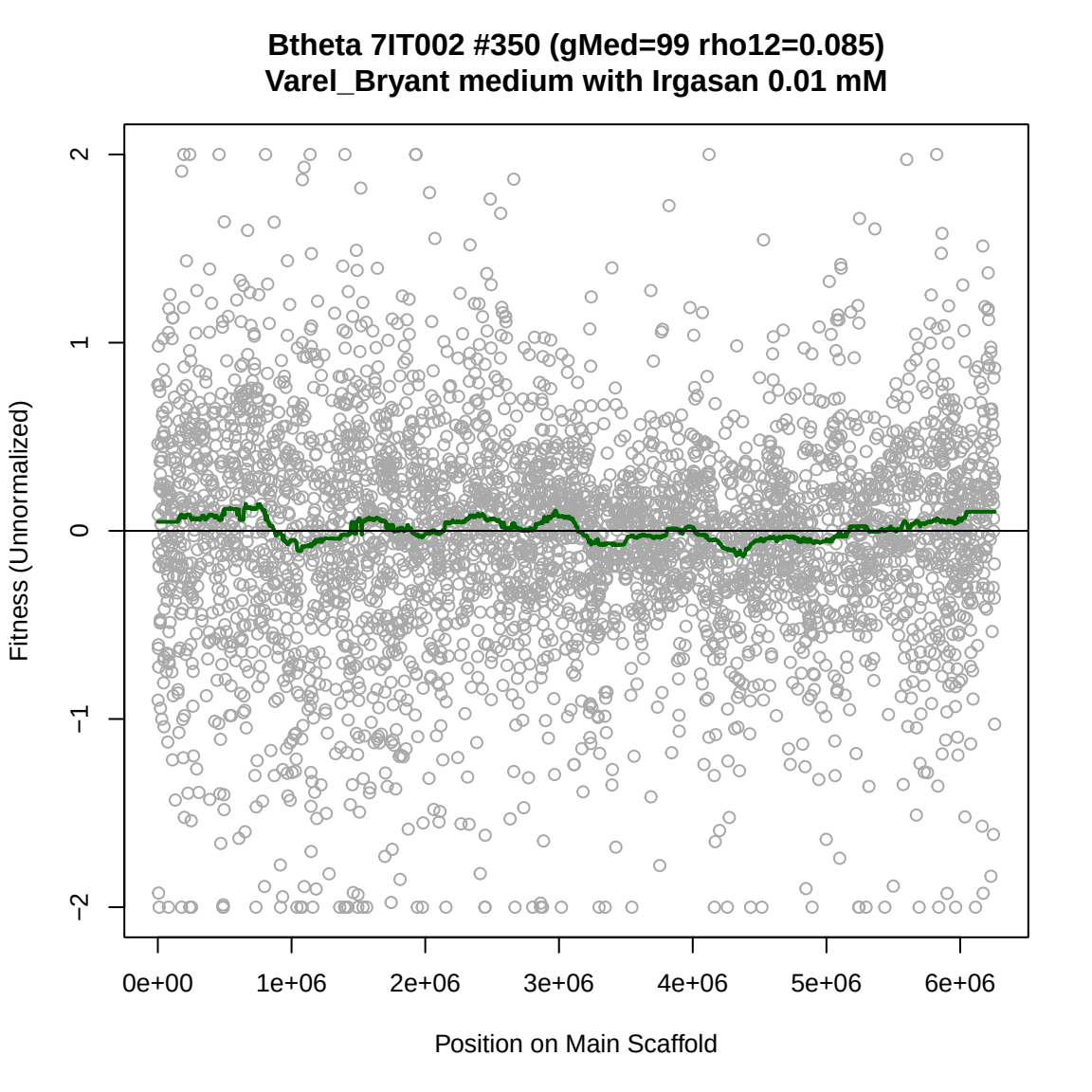

Btheta 6IT063 #345 (gMed=119 rho12=0.000)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

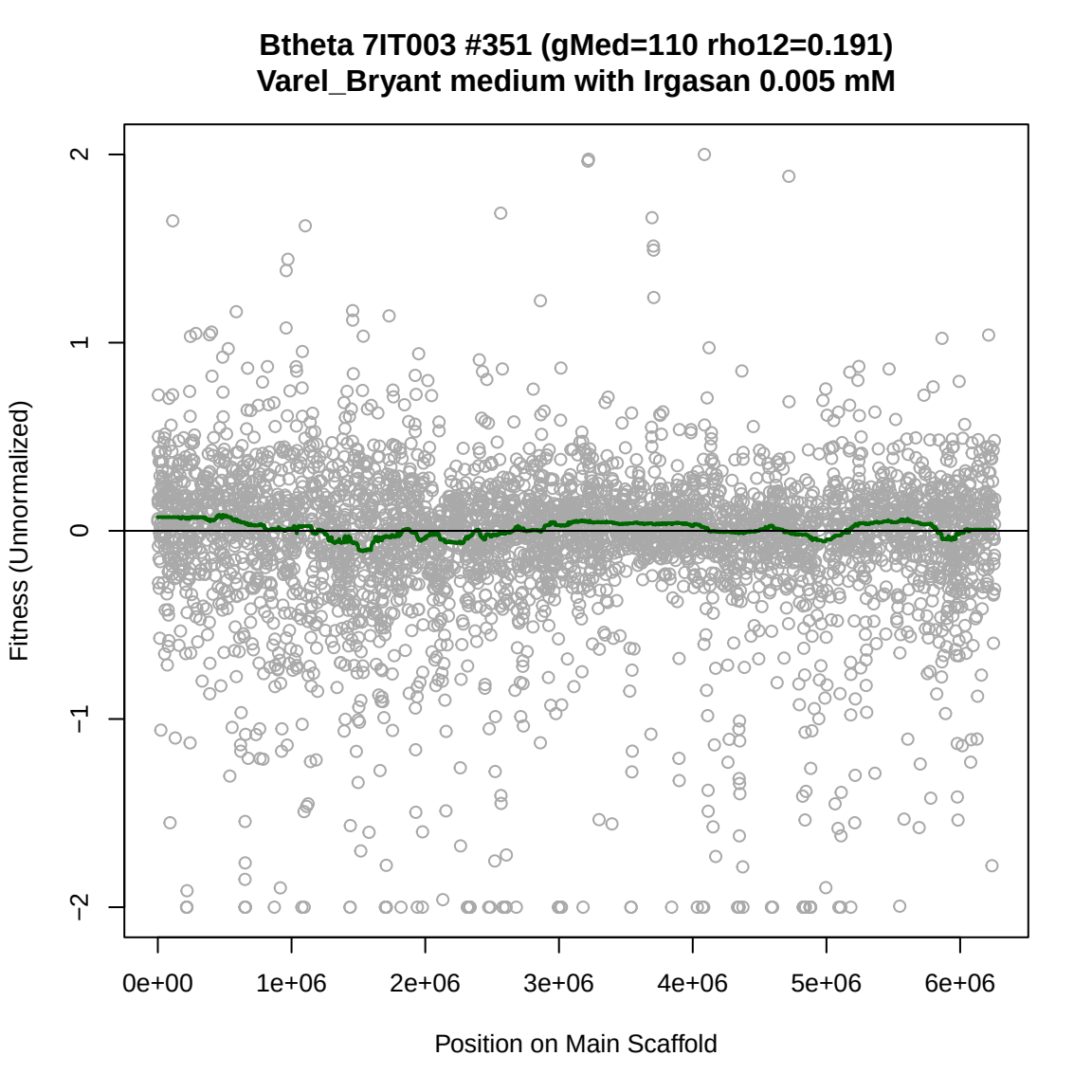

Btheta 6IT064 #346 (gMed=120 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

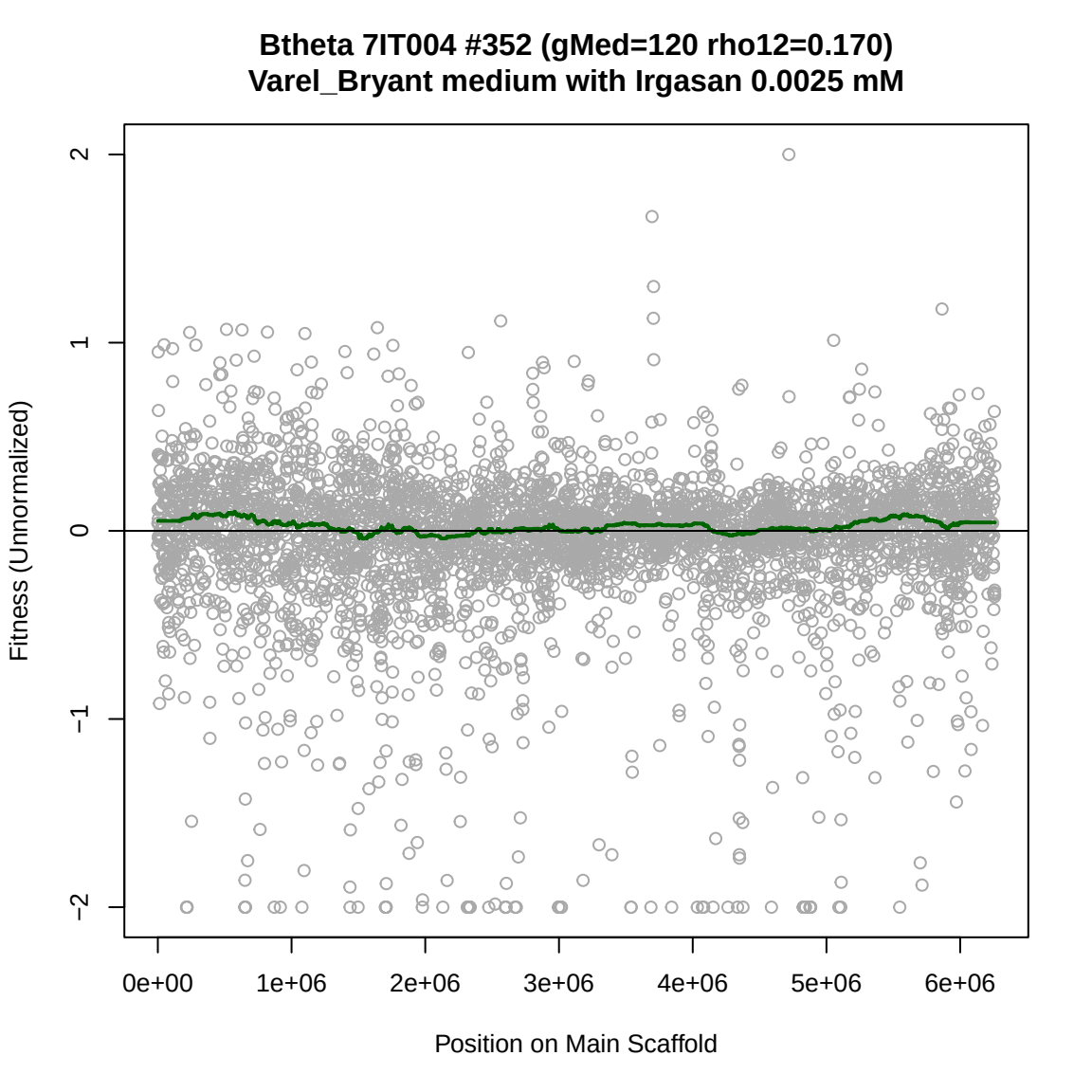

Btheta 6IT065 #347 (gMed=117 rho12=0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

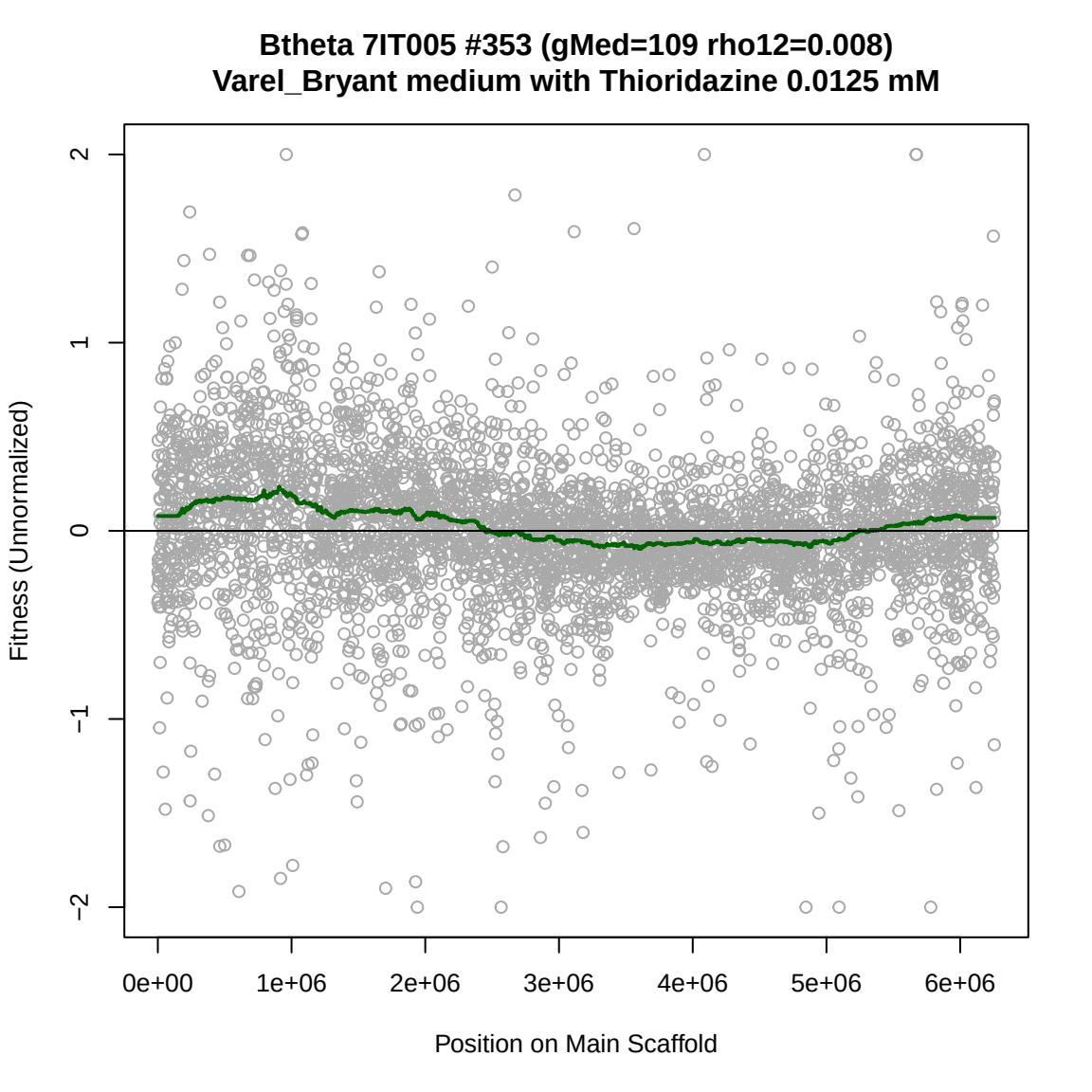

Btheta 6IT066 #348 (gMed=130 rho12=0.053)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

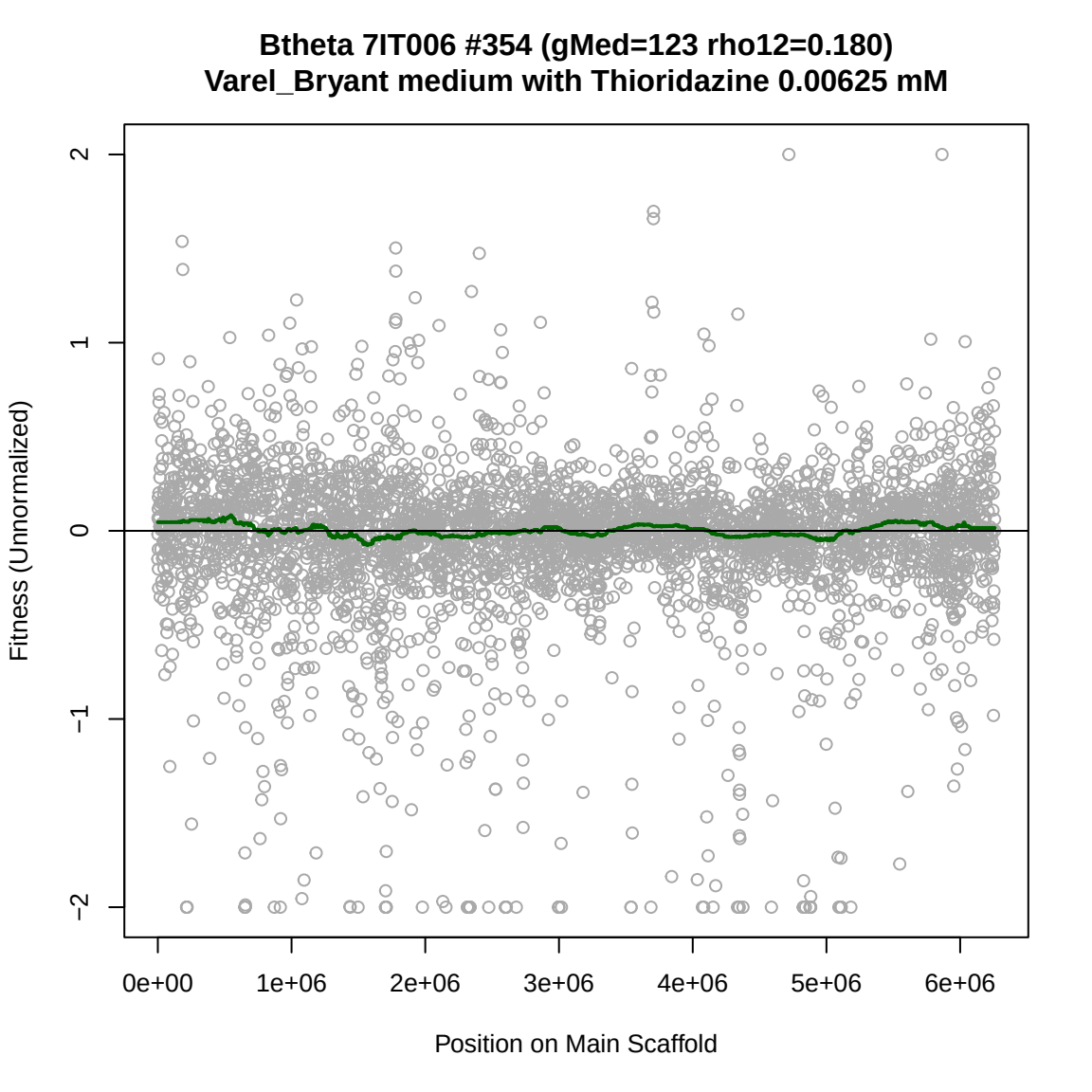

Btheta 7IT001 #349 (gMed=112 rho12=0.166)
Varel_Bryant medium with Nitrofurantoin 0.15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

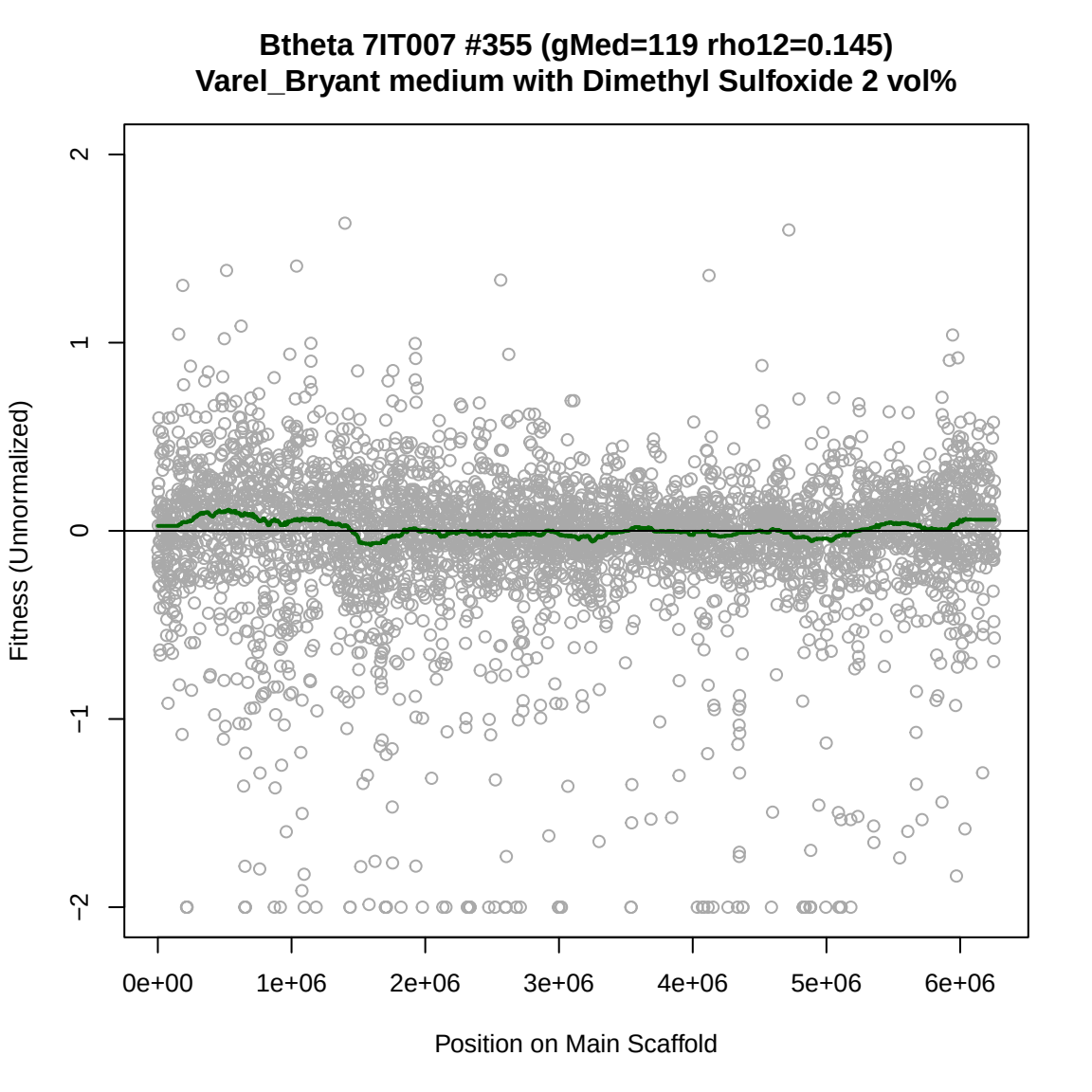

Btheta 7IT002 #350 (gMed=99 rho12=0.085)
Varel_Bryant medium with Irgasan 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

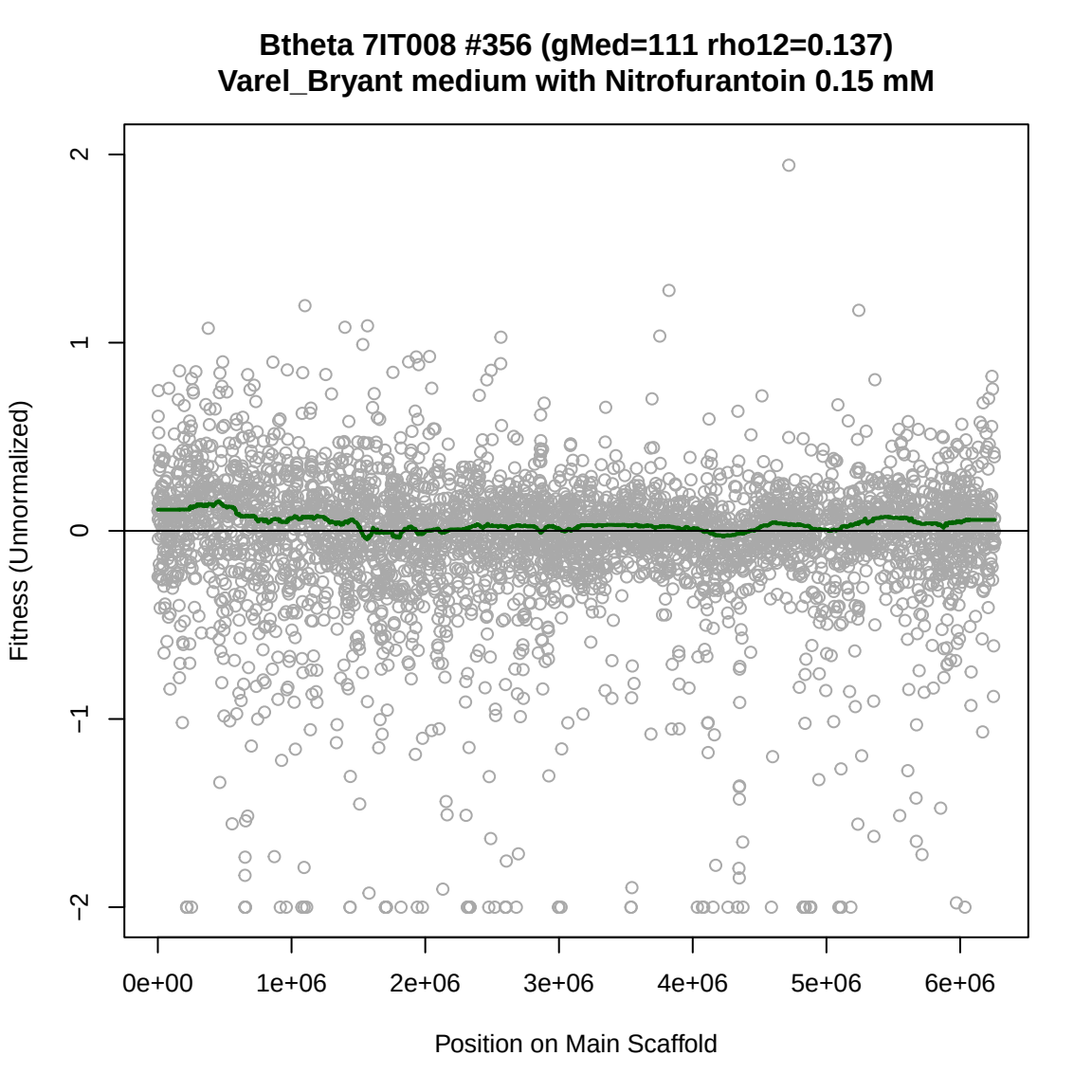

Btheta 7IT003 #351 (gMed=110 rho12=0.191)
Varel_Bryant medium with Irgasan 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

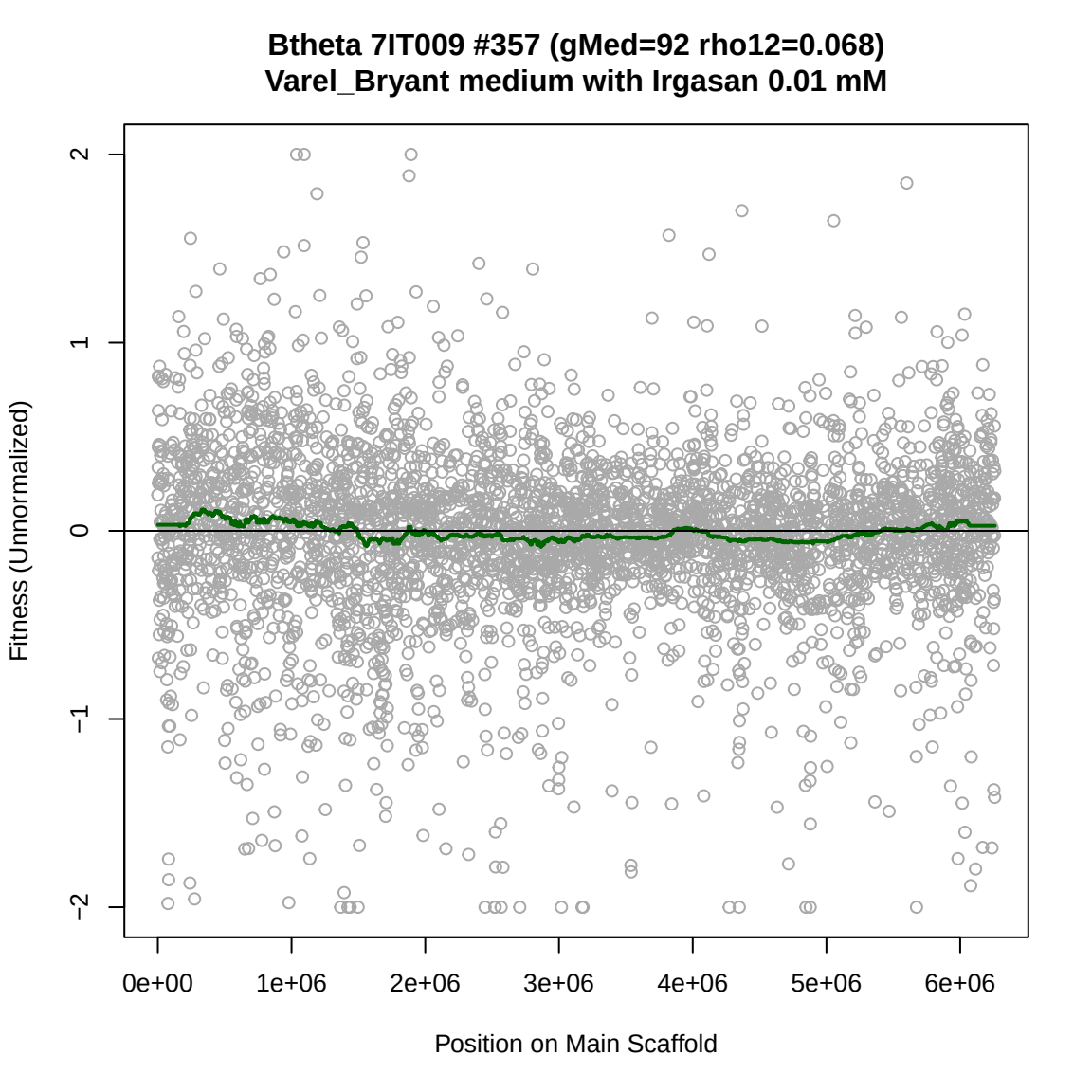

Btheta 7IT004 #352 (gMed=120 rho12=0.170)
Varel_Bryant medium with Irgasan 0.0025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

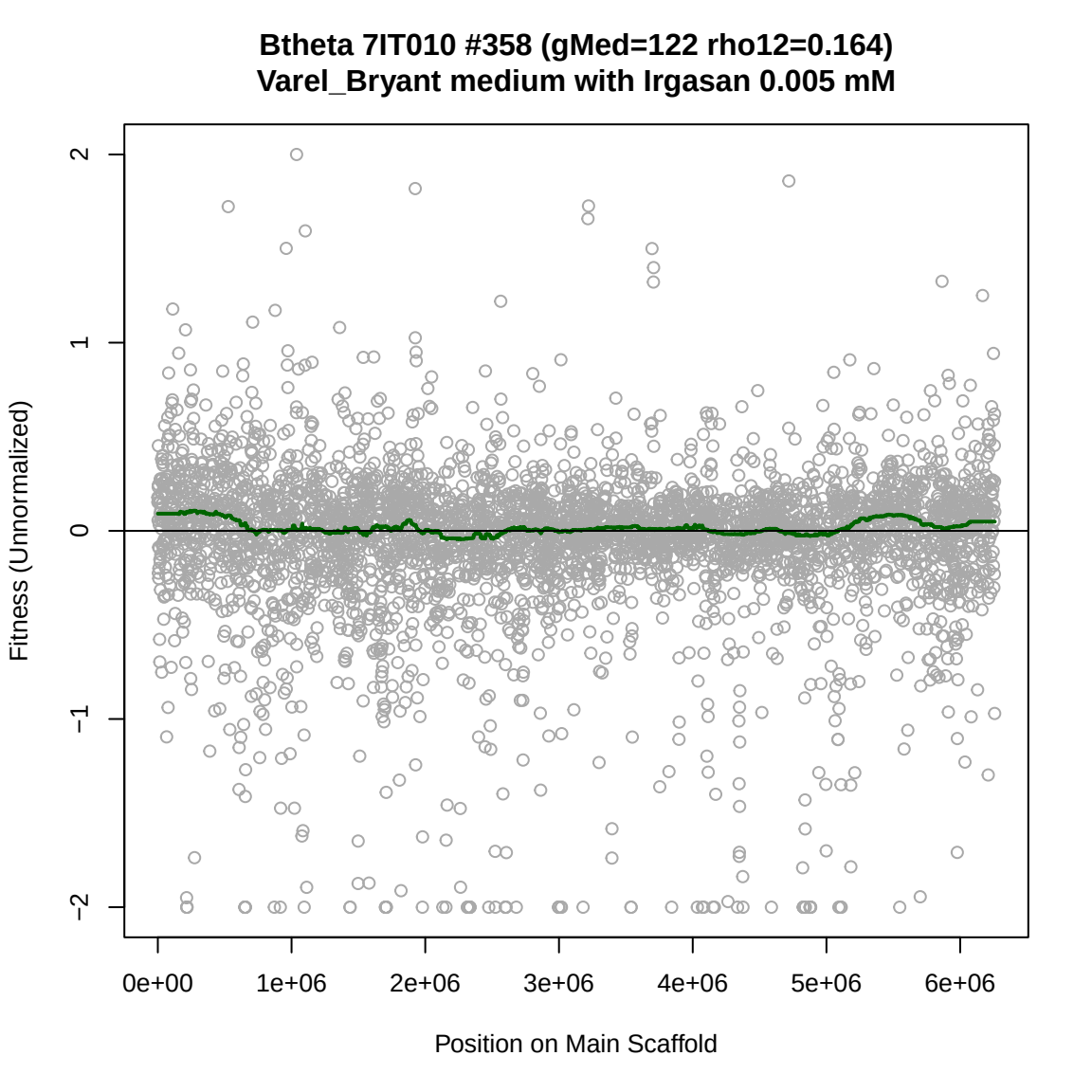

Btheta 7IT005 #353 (gMed=109 rho12=0.008)
Varel_Bryant medium with Thioridazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

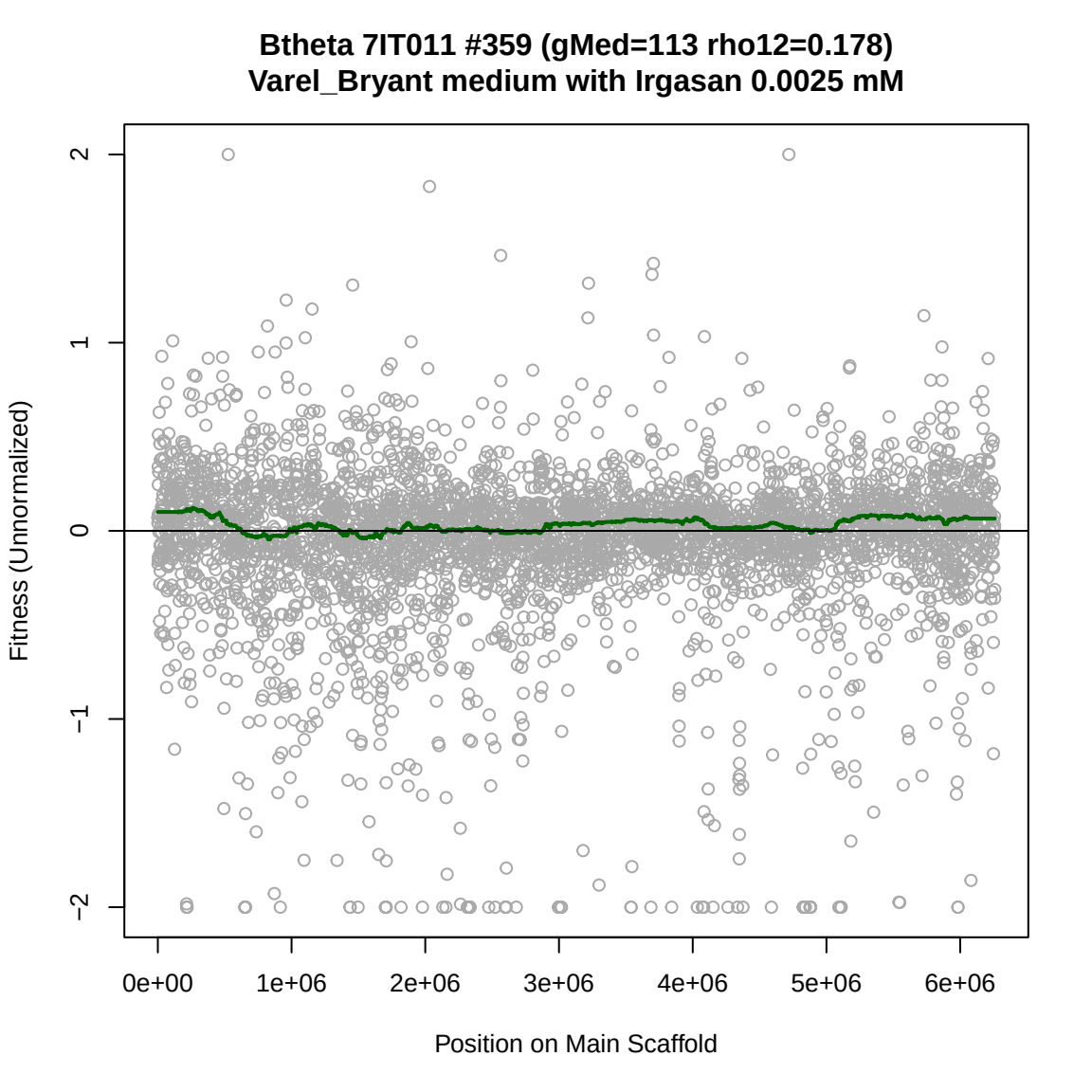

Btheta 7IT006 #354 (gMed=123 rho12=0.180)
Varel_Bryant medium with Thioridazine 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

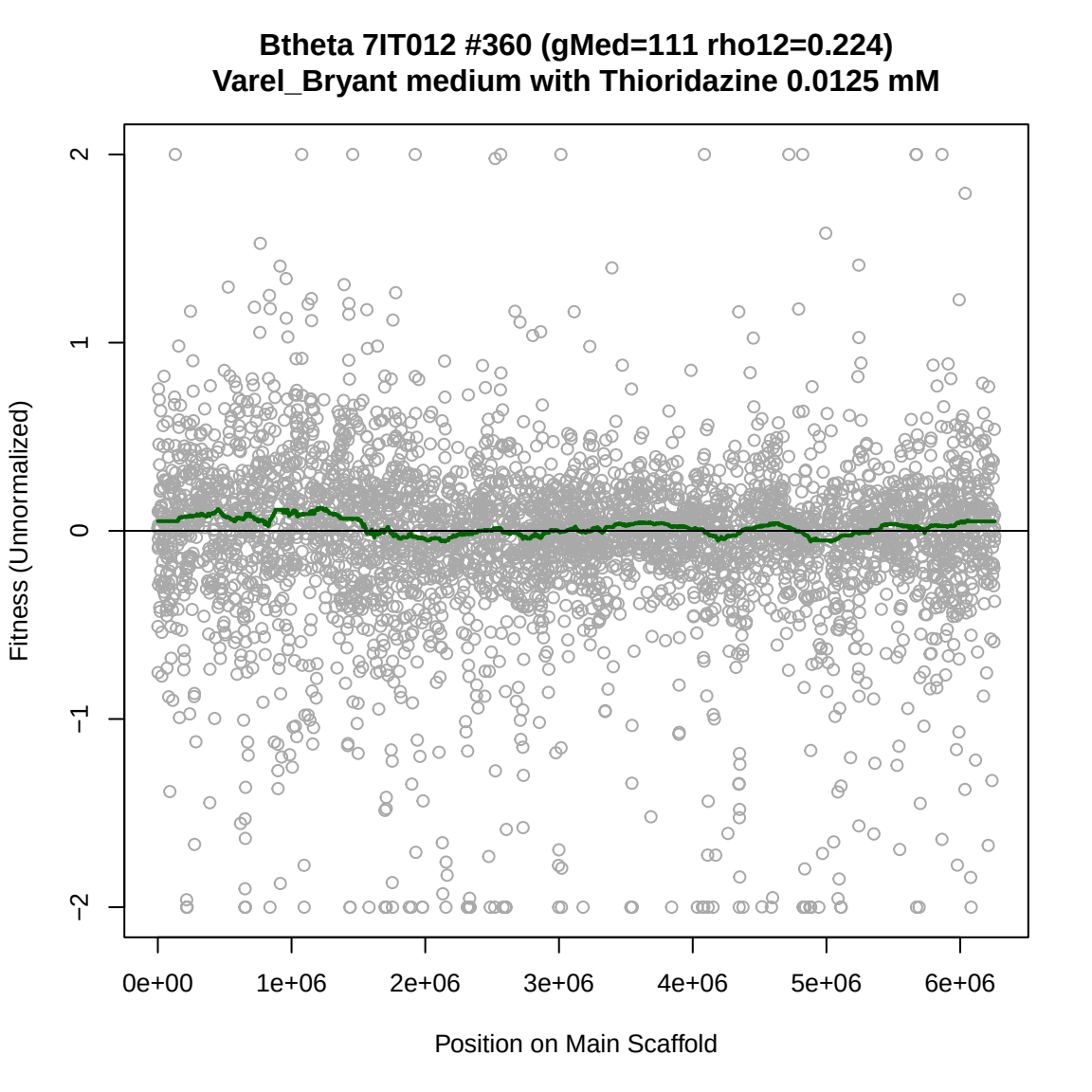

Btheta 7IT007 #355 (gMed=119 rho12=0.145)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

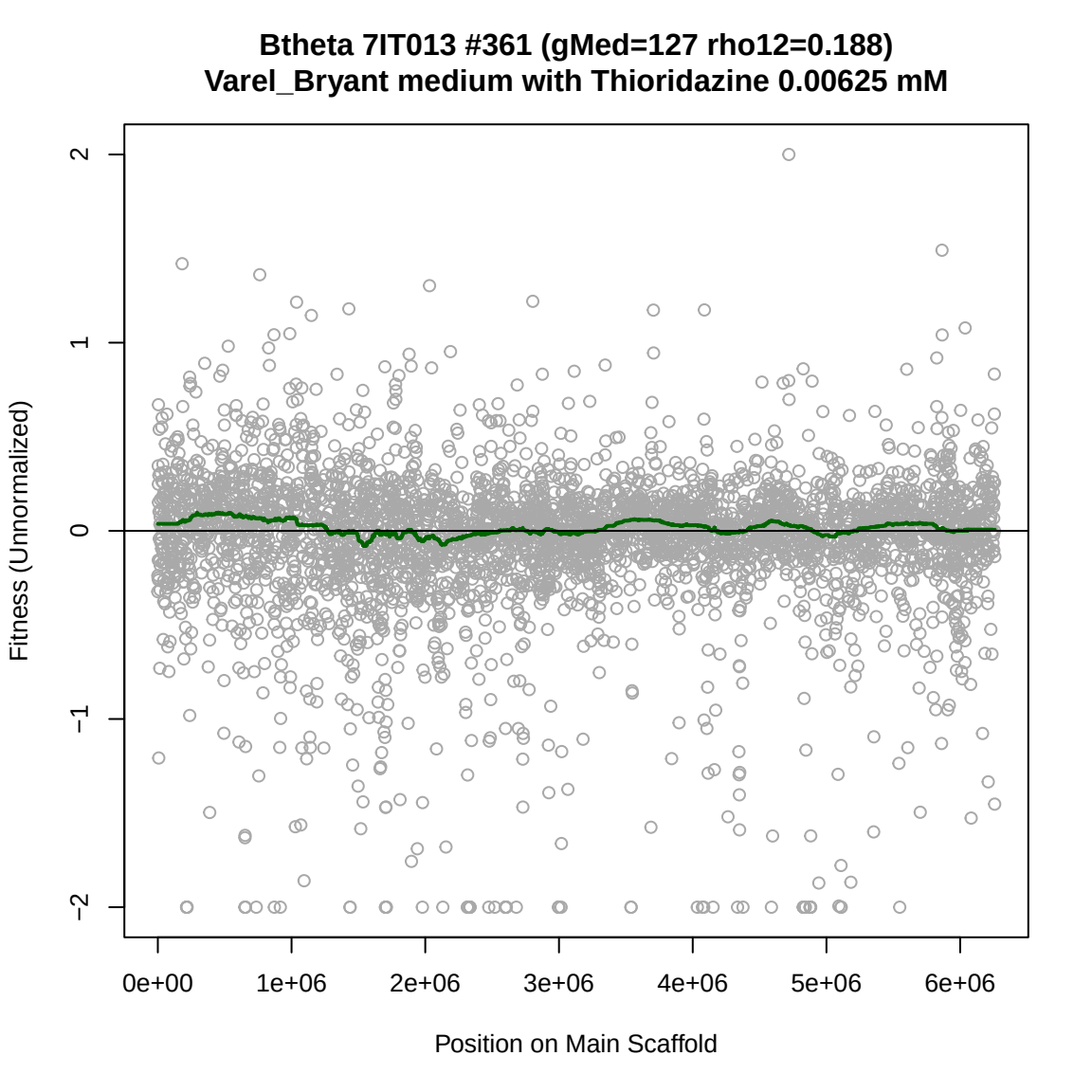

Btheta 7IT008 #356 (gMed=111 rho12=0.137)
Varel_Bryant medium with Nitrofurantoin 0.15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

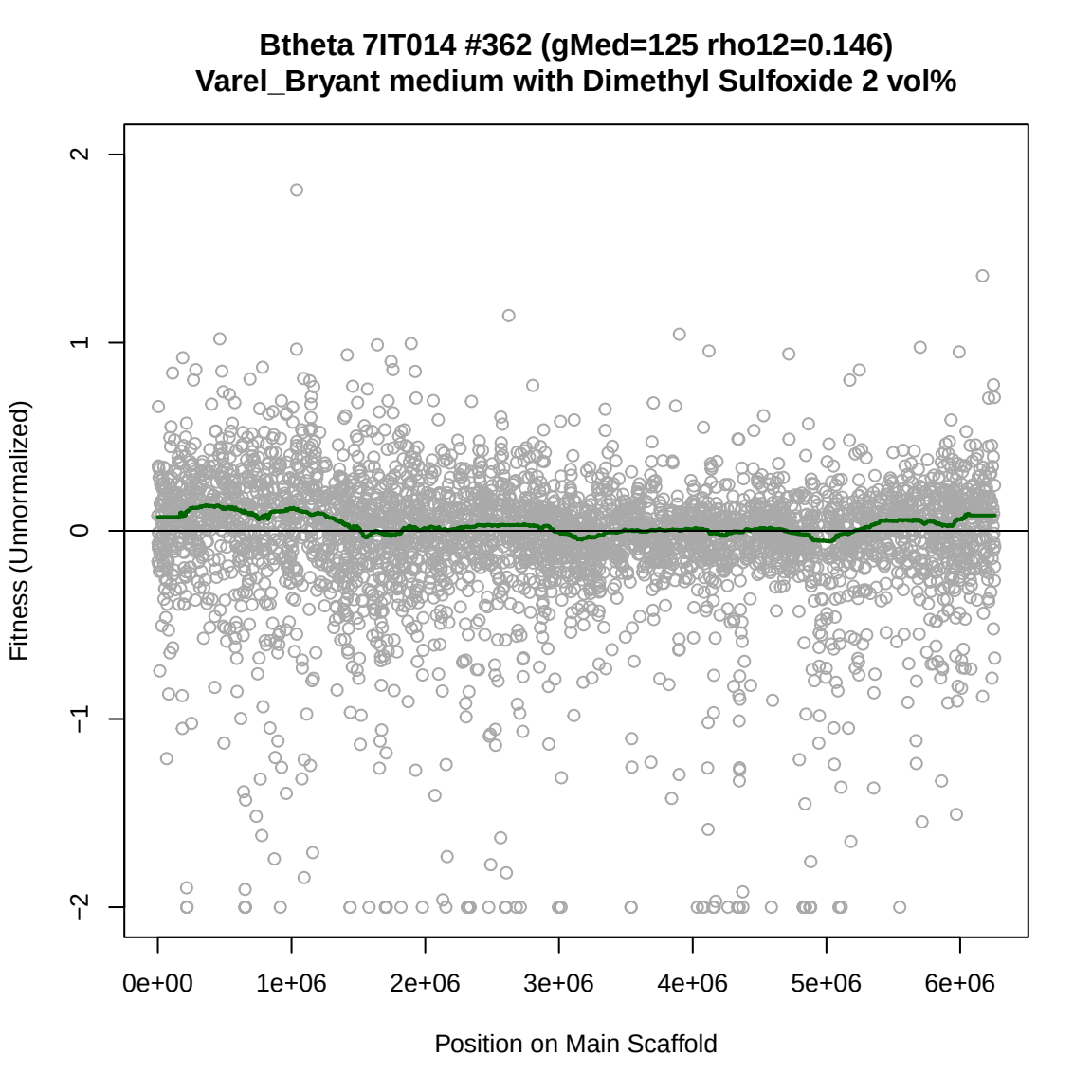

Btheta 7IT009 #357 (gMed=92 rho12=0.068)
Varel_Bryant medium with Irgasan 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

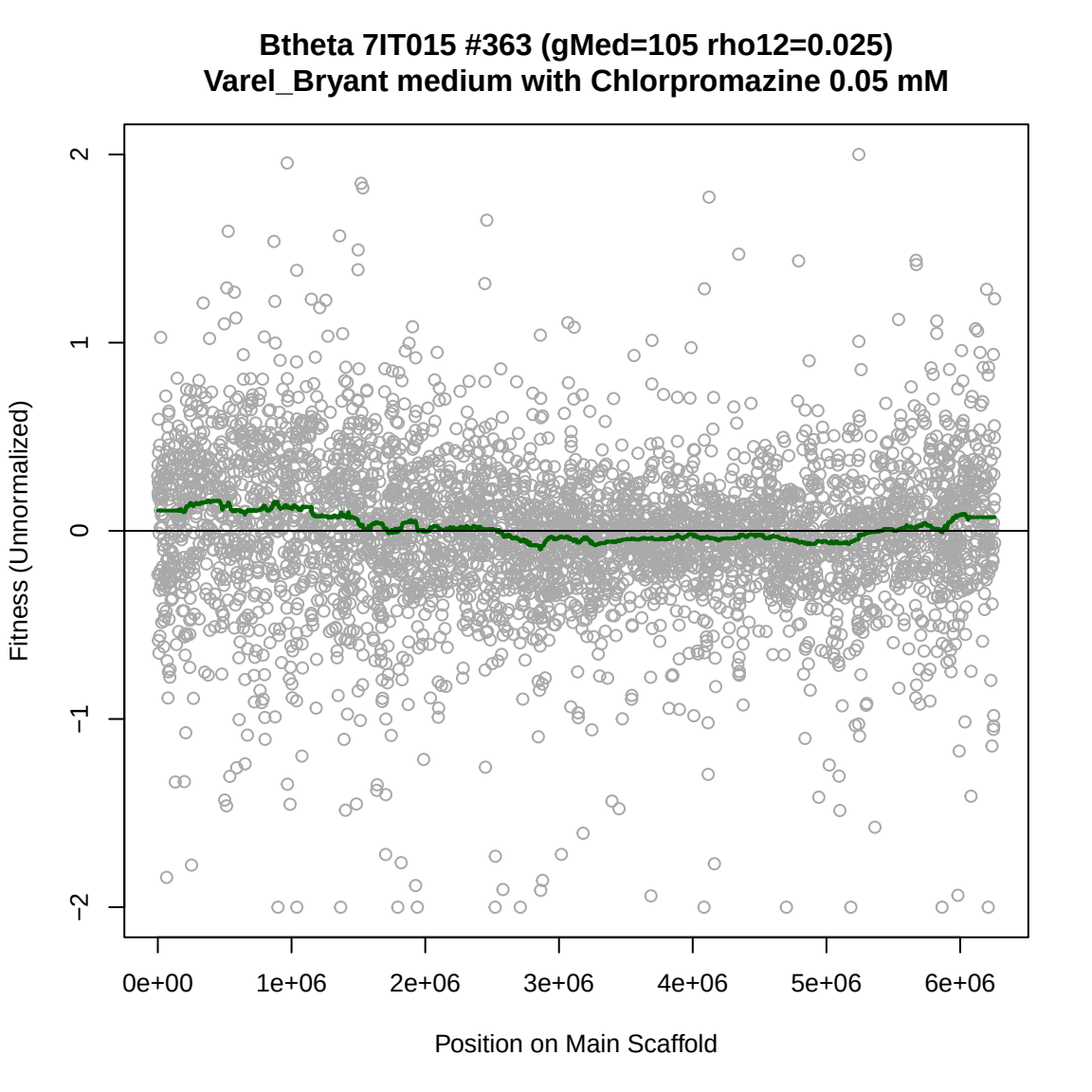

Btheta 7IT010 #358 (gMed=122 rho12=0.164)
Varel_Bryant medium with Irgasan 0.005 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

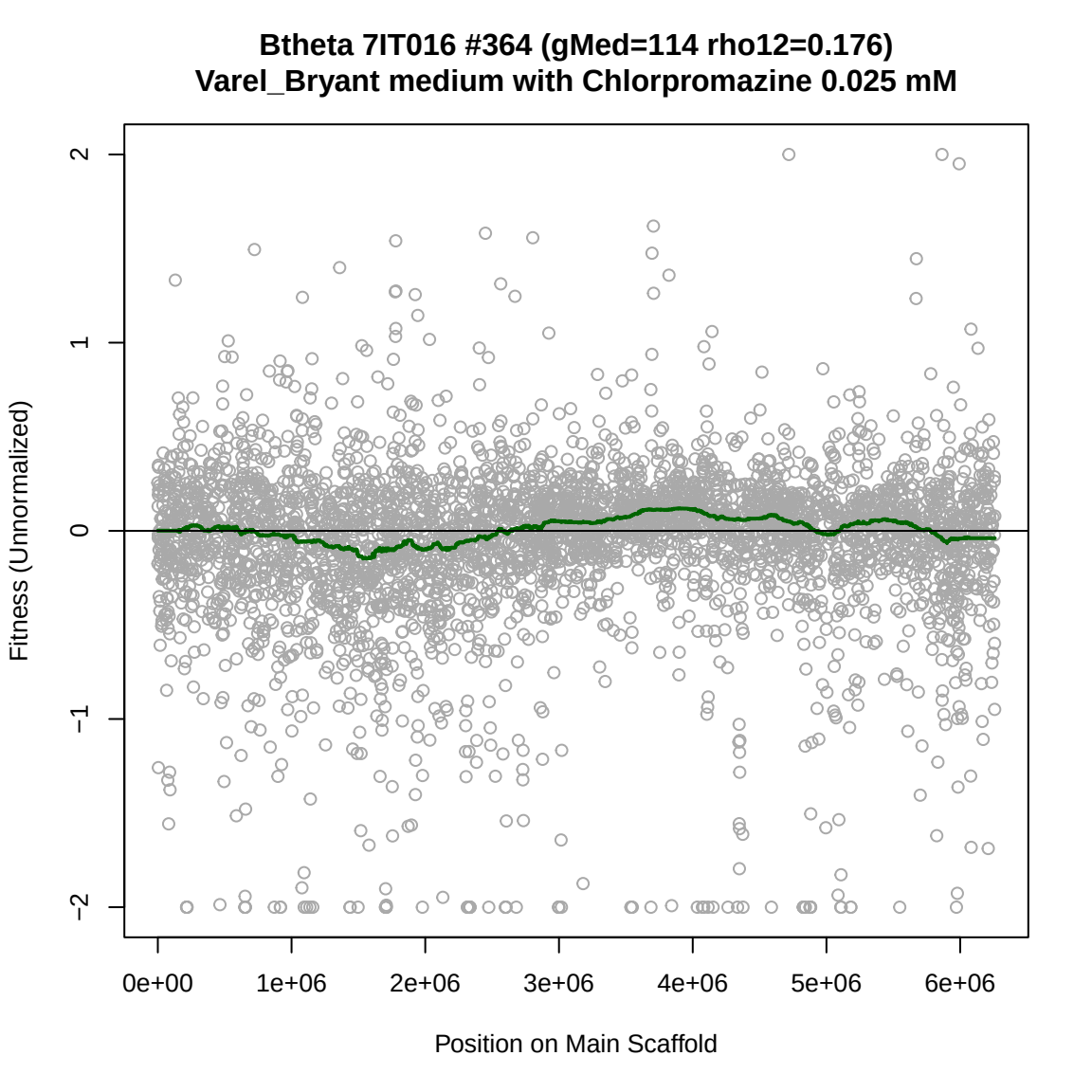

Btheta 7IT011 #359 (gMed=113 rho12=0.178)
Varel_Bryant medium with Irgasan 0.0025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

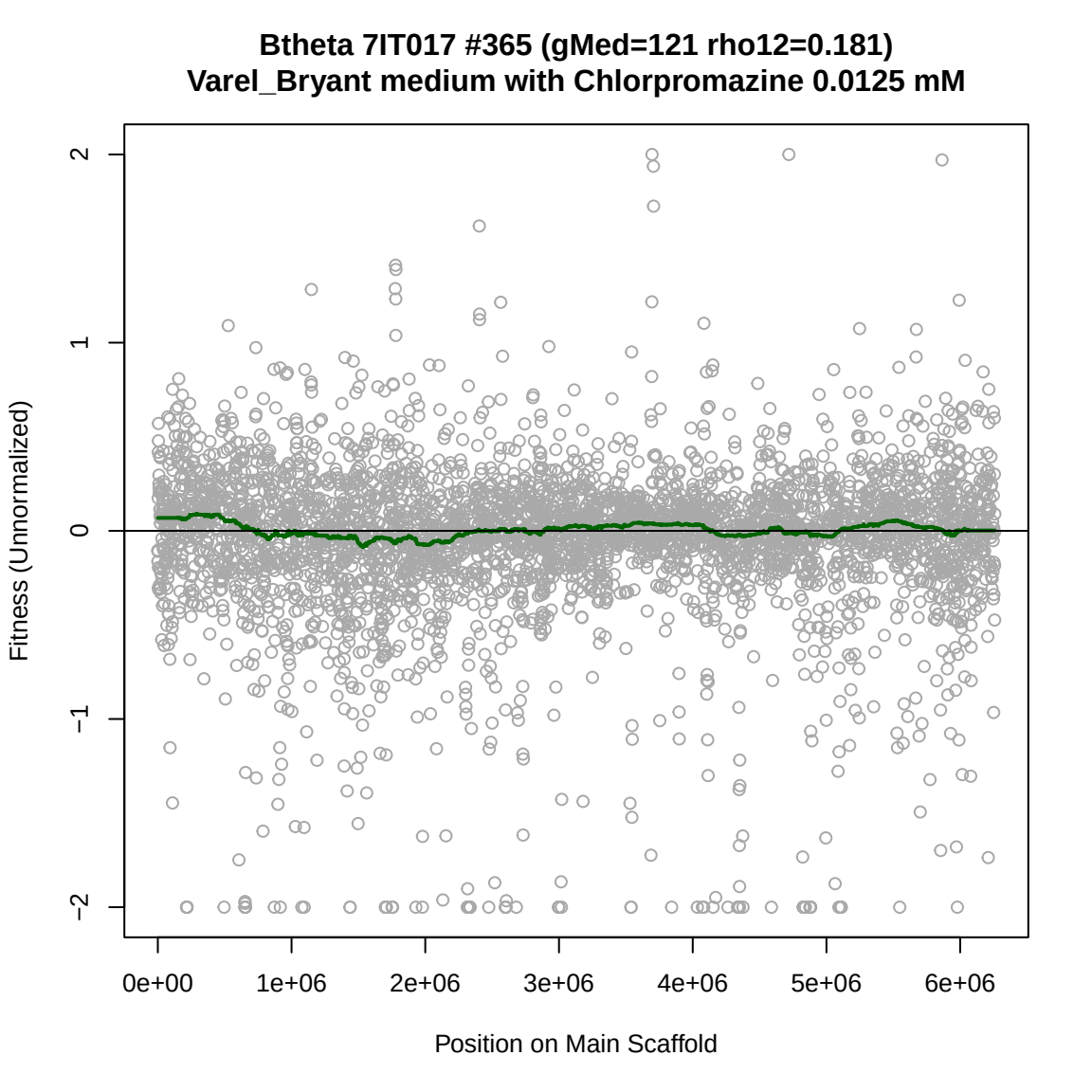

Btheta 7IT012 #360 (gMed=111 rho12=0.224)
Varel_Bryant medium with Thioridazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

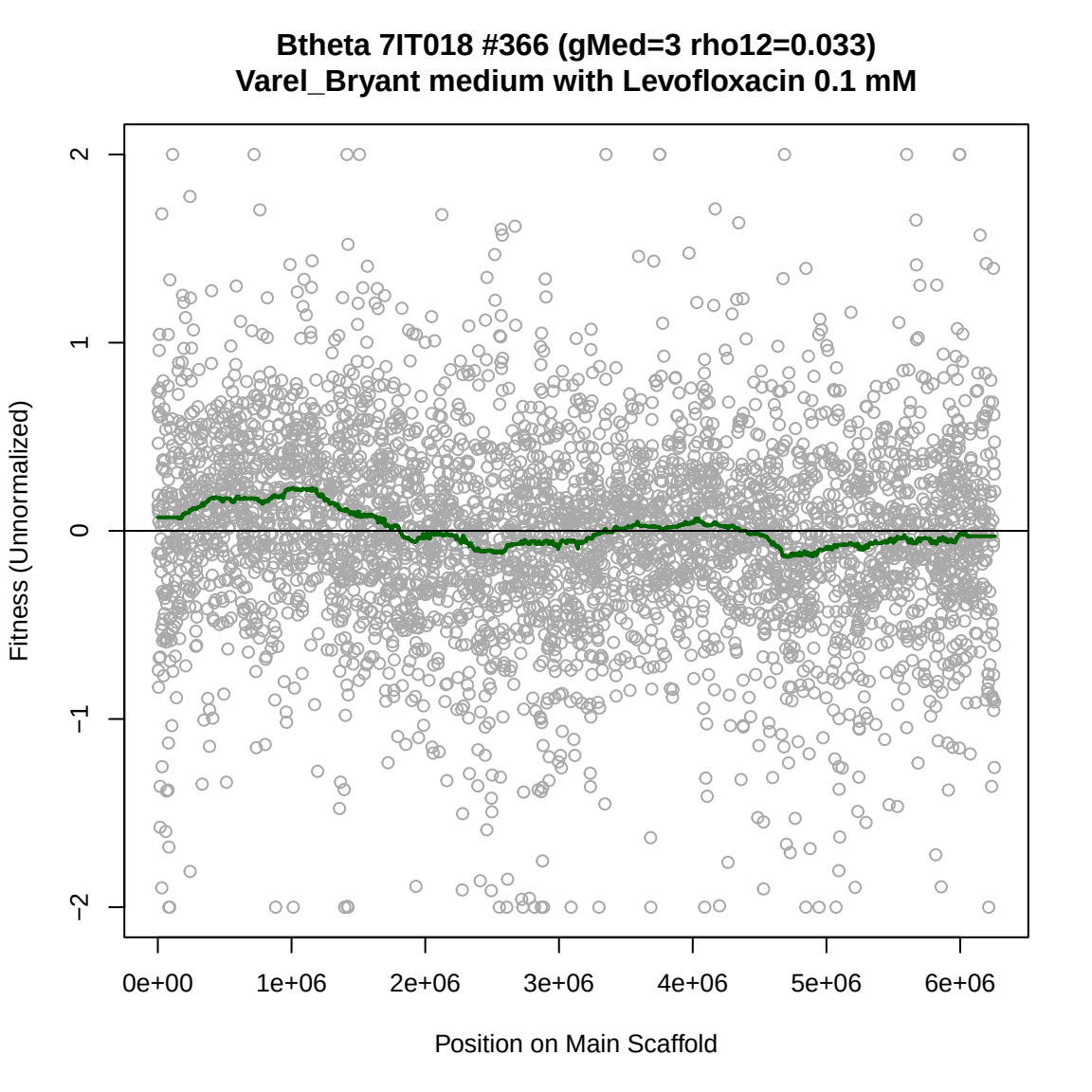

Btheta 7IT013 #361 (gMed=127 rho12=0.188)
Varel_Bryant medium with Thioridazine 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

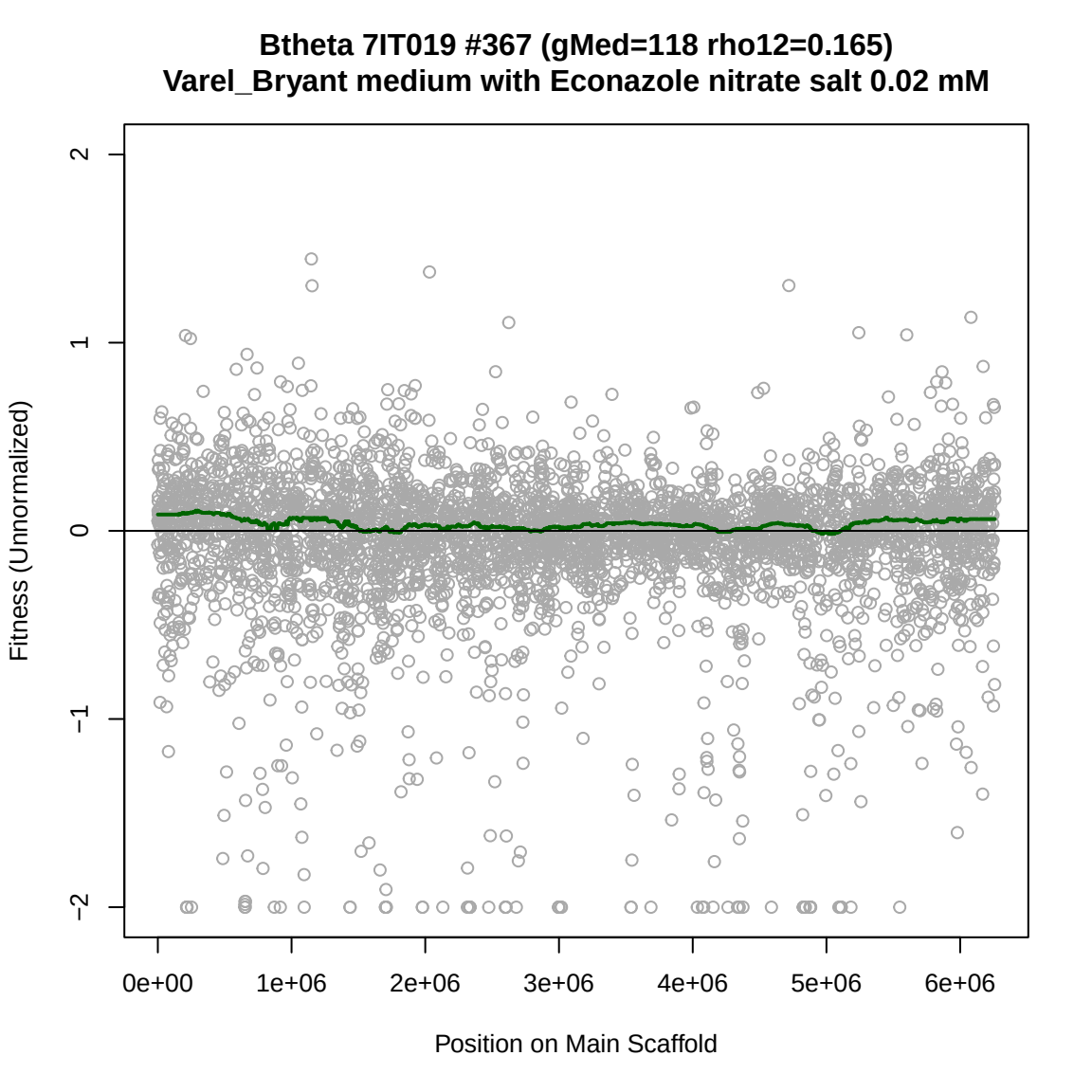

Btheta 7IT014 #362 (gMed=125 rho12=0.146)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

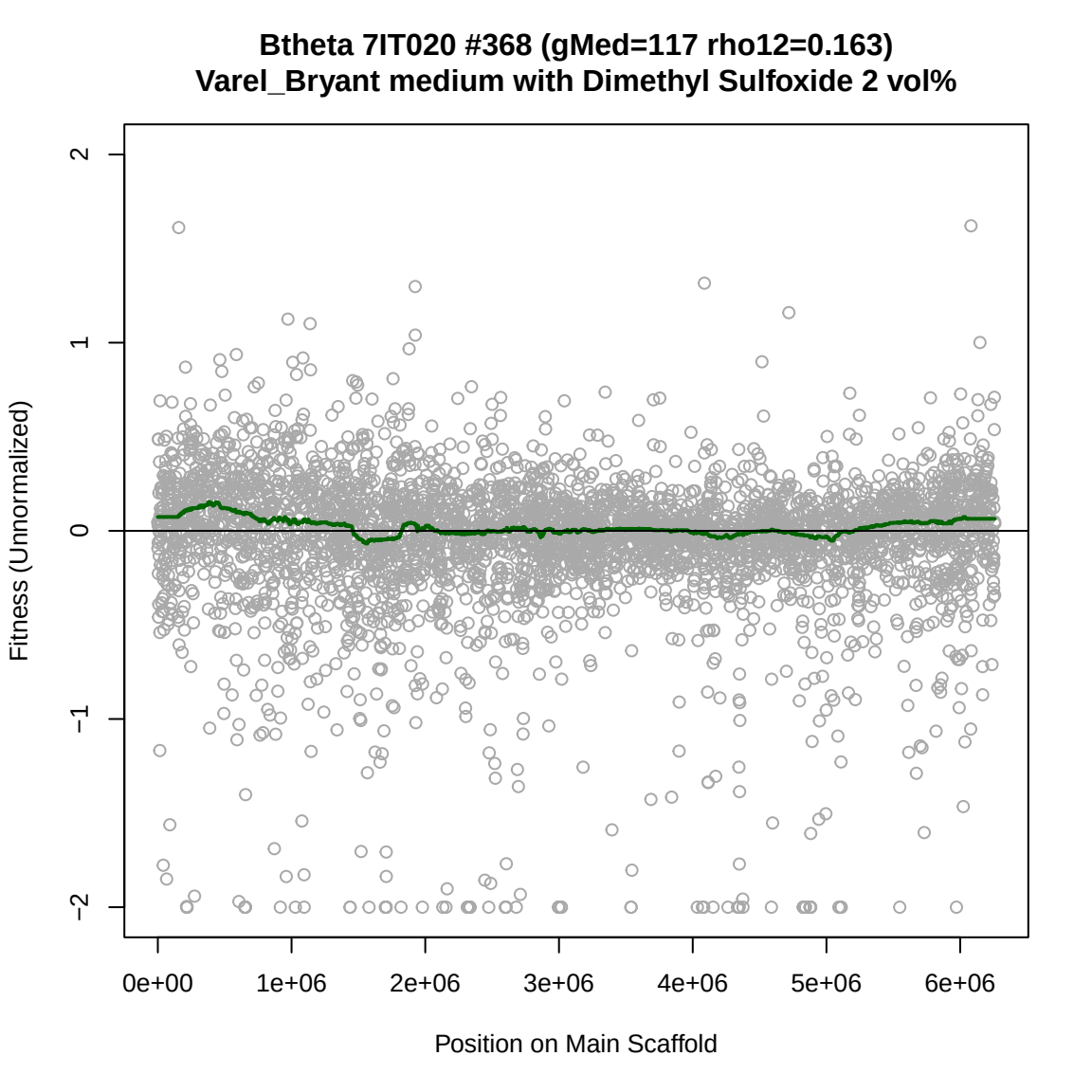

Btheta 7IT015 #363 (gMed=105 rho12=0.025)
Varel_Bryant medium with Chlorpromazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

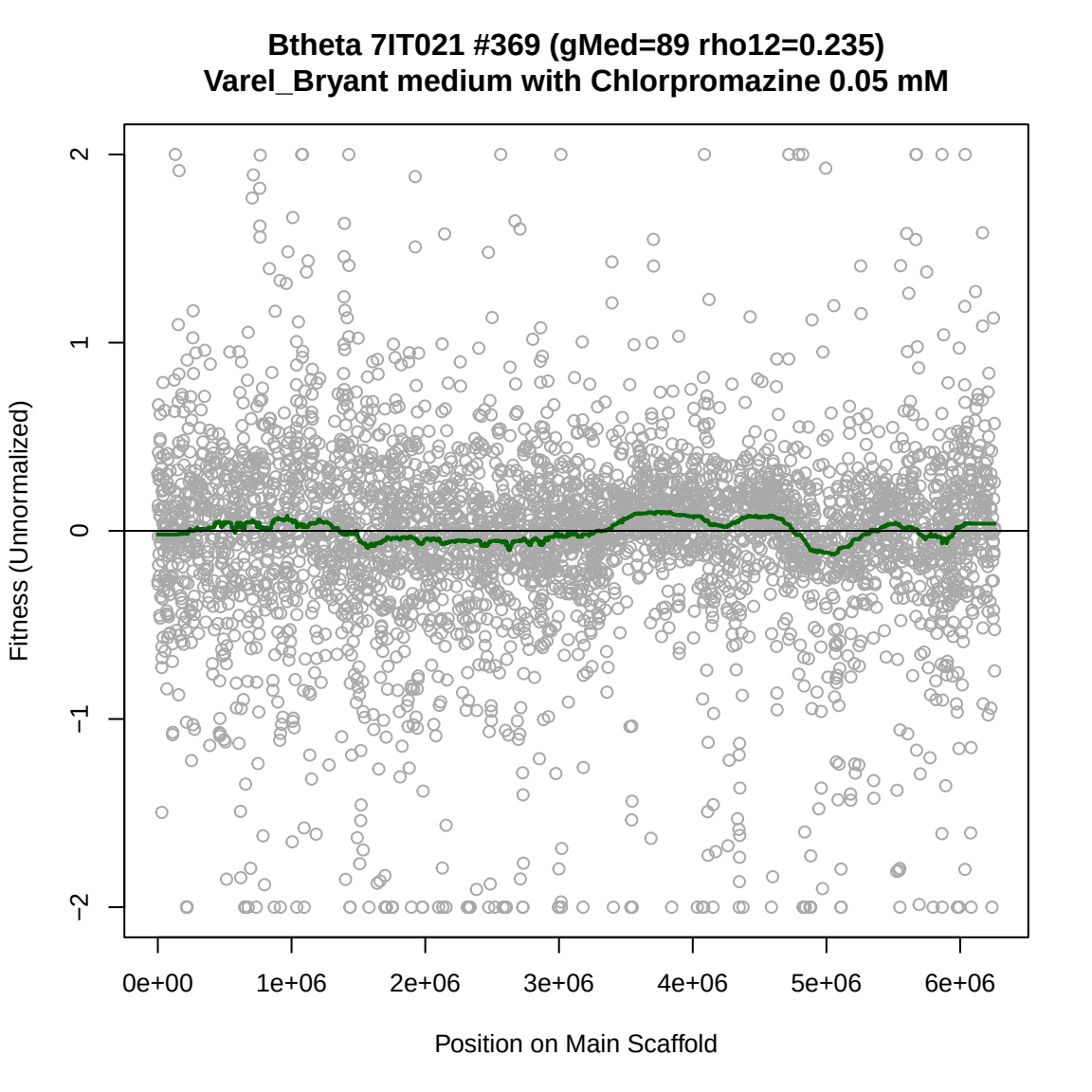

Btheta 7IT016 #364 (gMed=114 rho12=0.176)
Varel_Bryant medium with Chlorpromazine 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

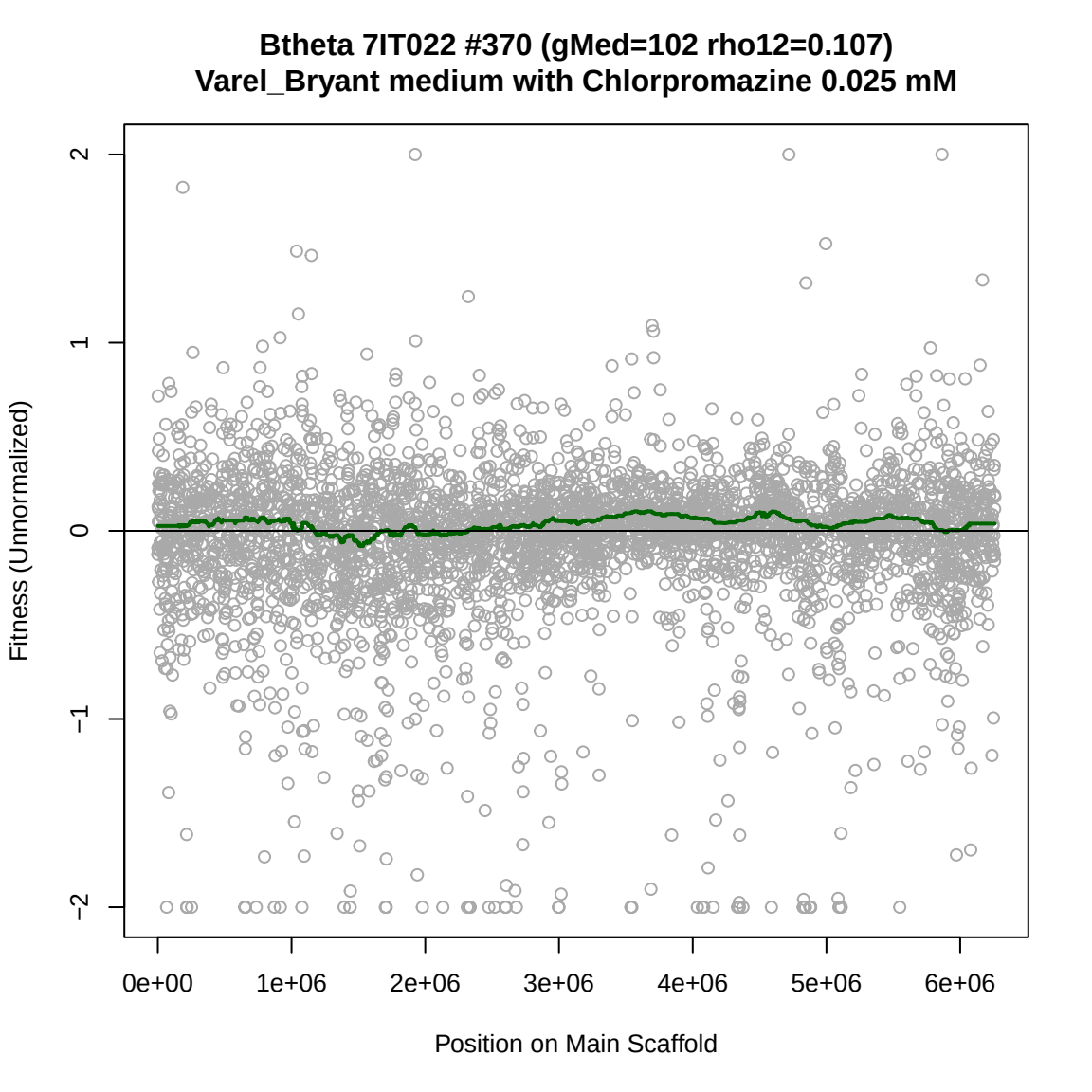

Btheta 7IT017 #365 (gMed=121 rho12=0.181)
Varel_Bryant medium with Chlorpromazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

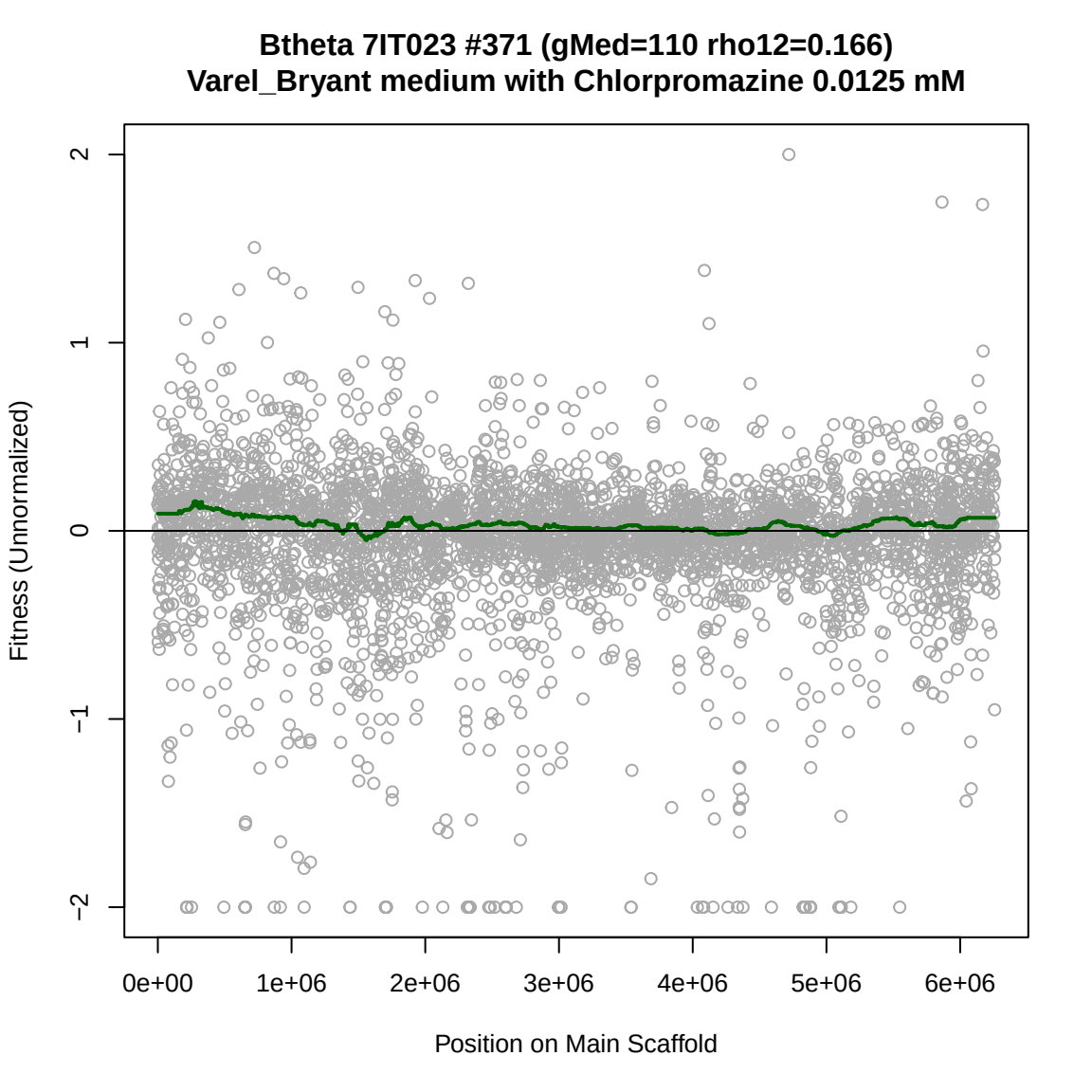

Btheta 7IT018 #366 (gMed=3 rho12=0.033)
Varel_Bryant medium with Levofloxacin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

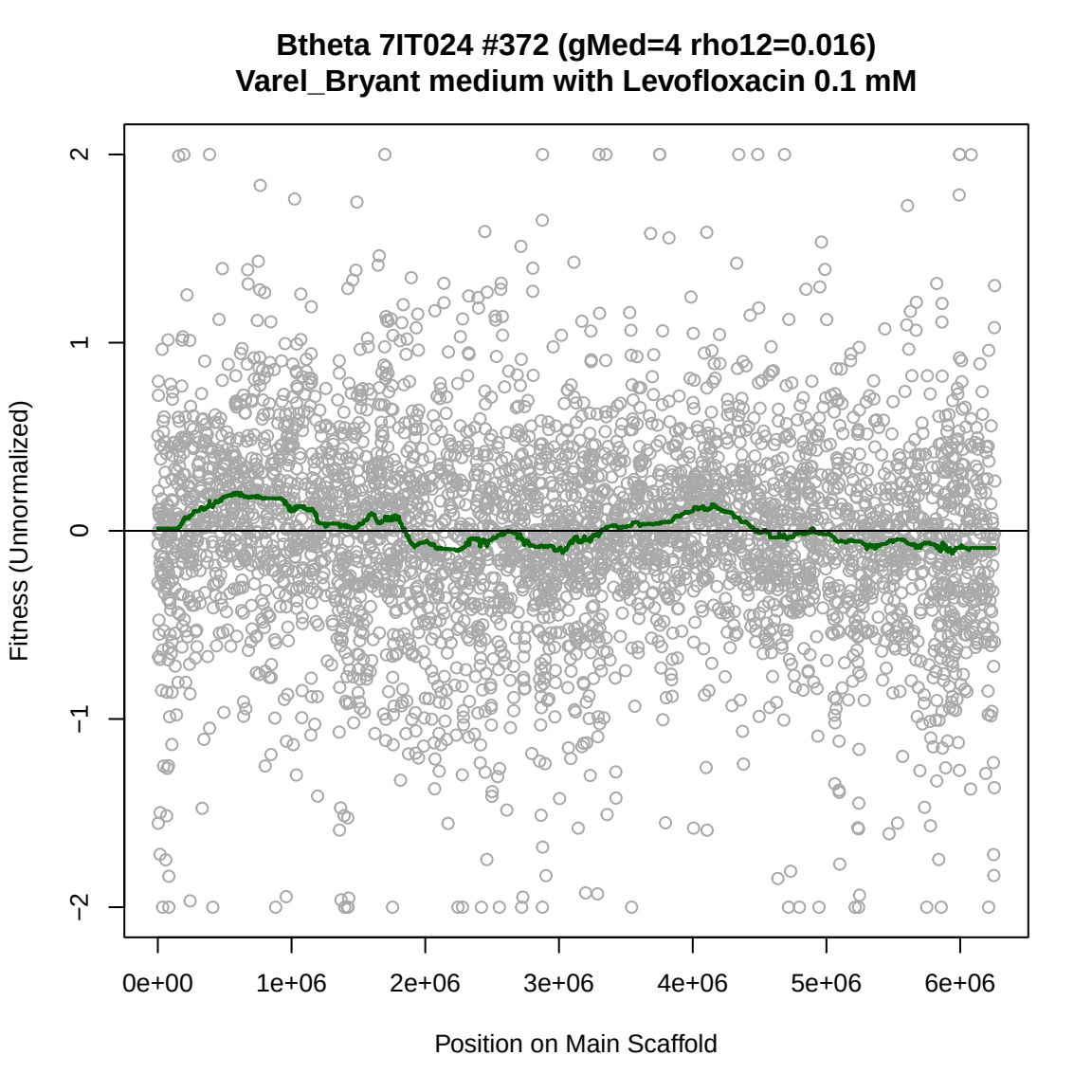

Btheta 7IT019 #367 (gMed=118 rho12=0.165)
Varel_Bryant medium with Econazole nitrate salt 0.02 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

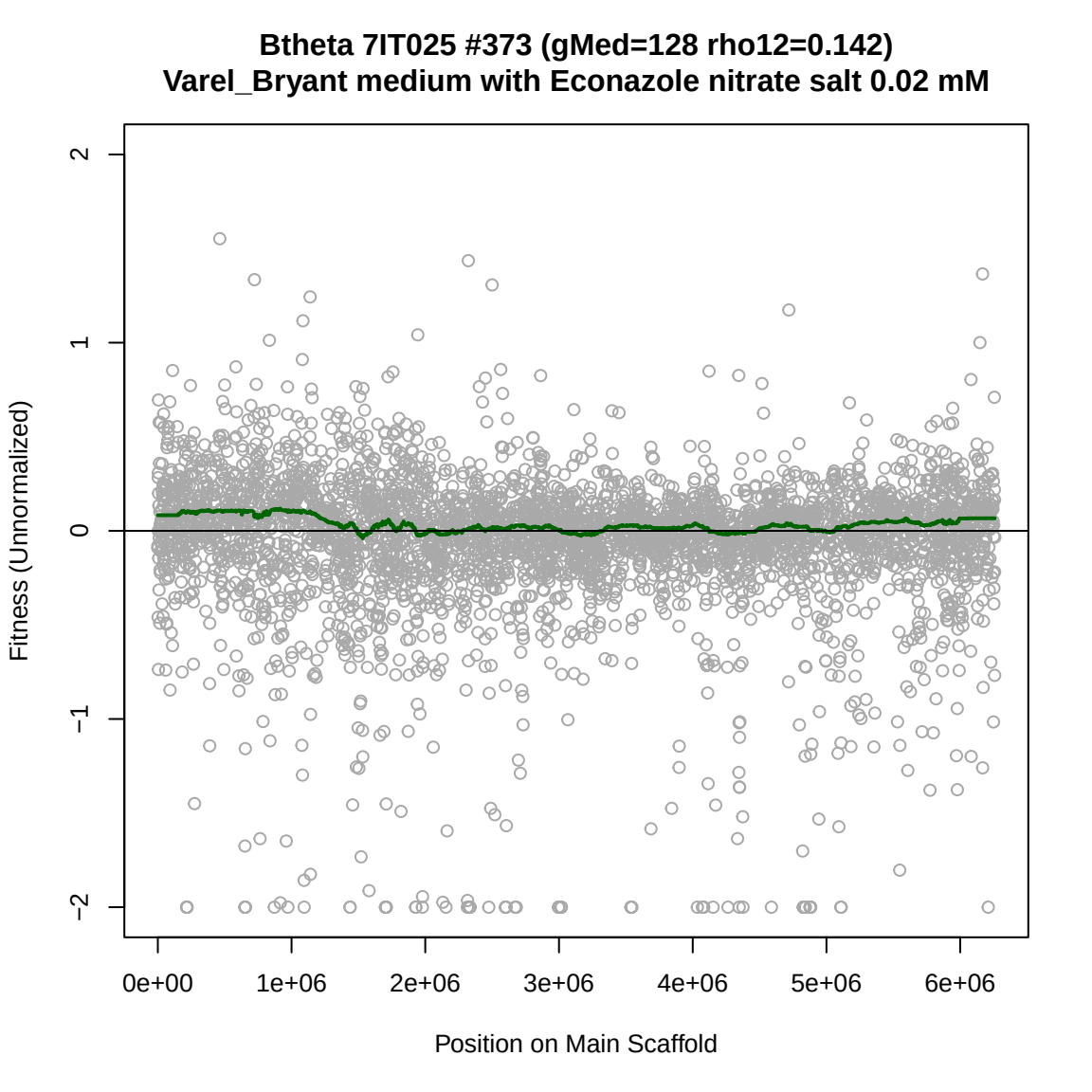

Btheta 7IT020 #368 (gMed=117 rho12=0.163)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

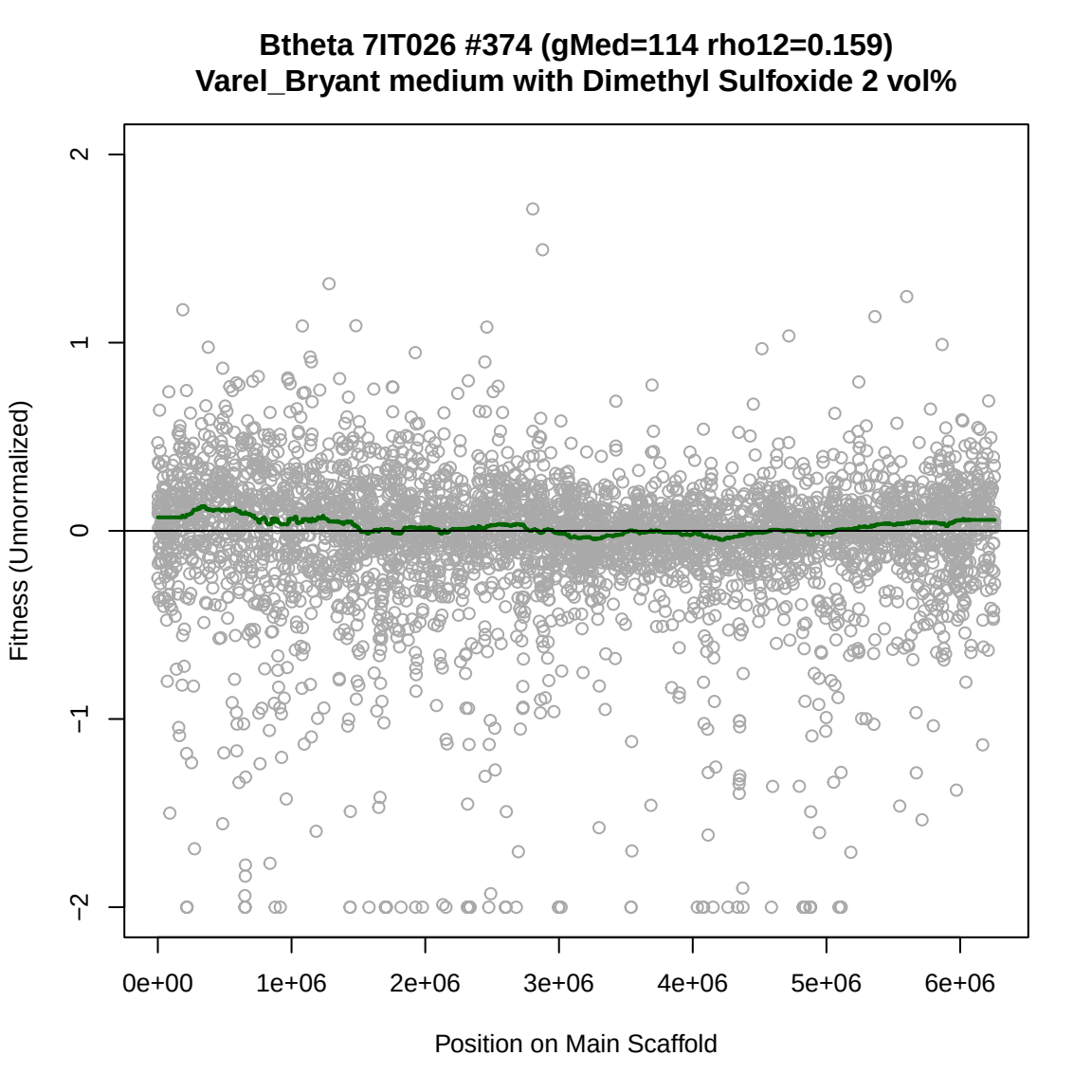

Btheta 7IT021 #369 (gMed=89 rho12=0.235)
Varel_Bryant medium with Chlorpromazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

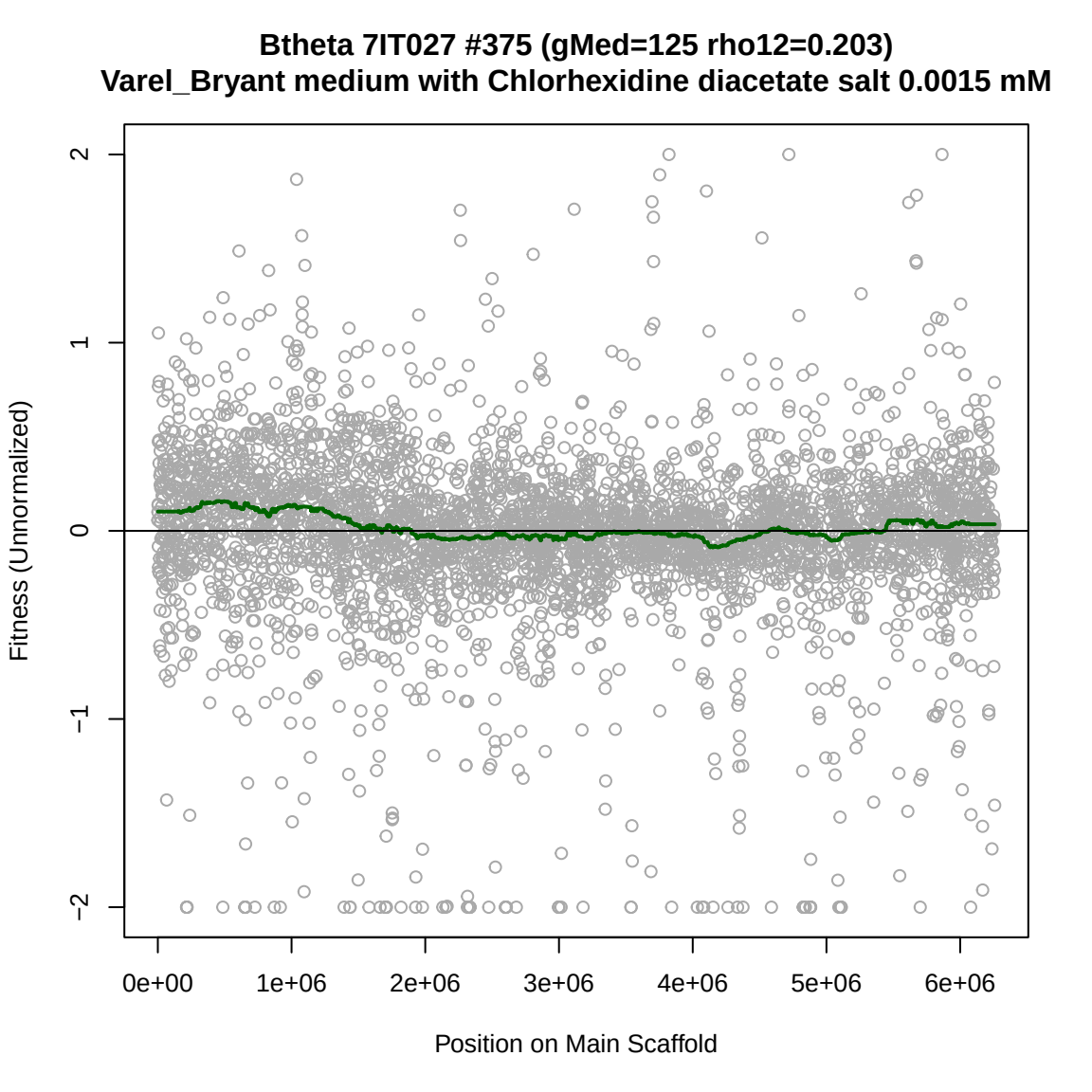

Btheta 7IT022 #370 (gMed=102 rho12=0.107)
Varel_Bryant medium with Chlorpromazine 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

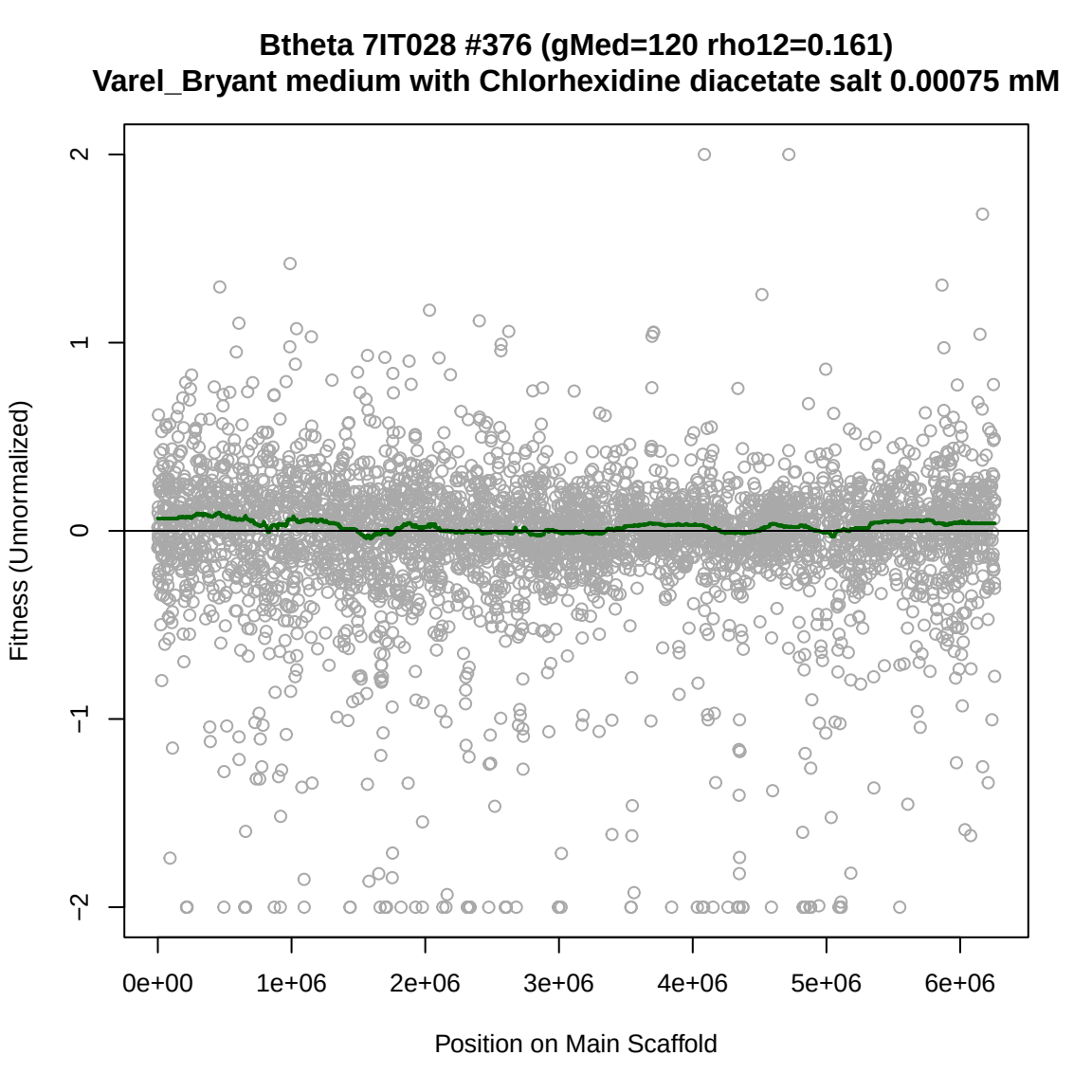

Btheta 7IT023 #371 (gMed=110 rho12=0.166)
Varel_Bryant medium with Chlorpromazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

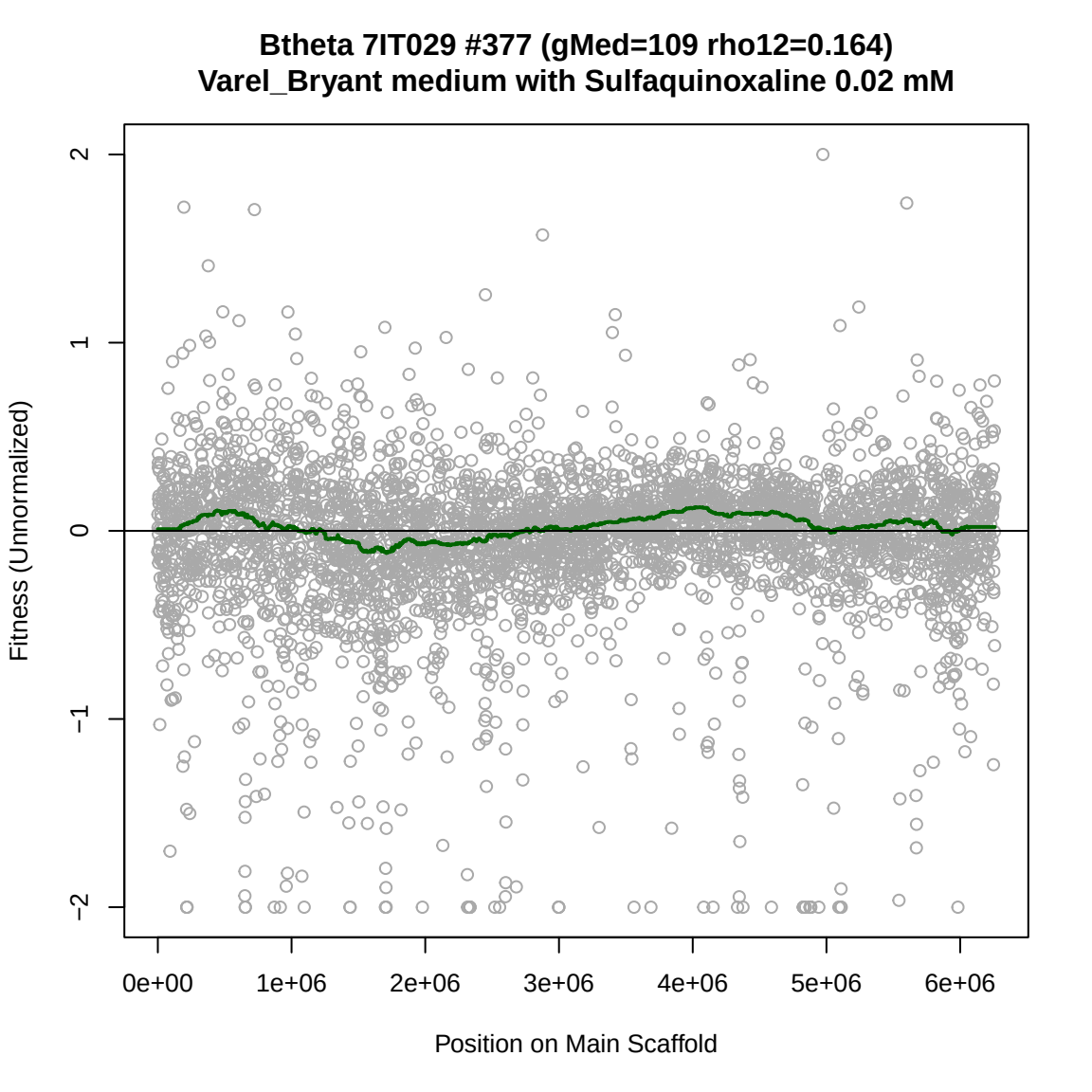

Btheta 7IT024 #372 (gMed=4 rho12=0.016)
Varel_Bryant medium with Levofloxacin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

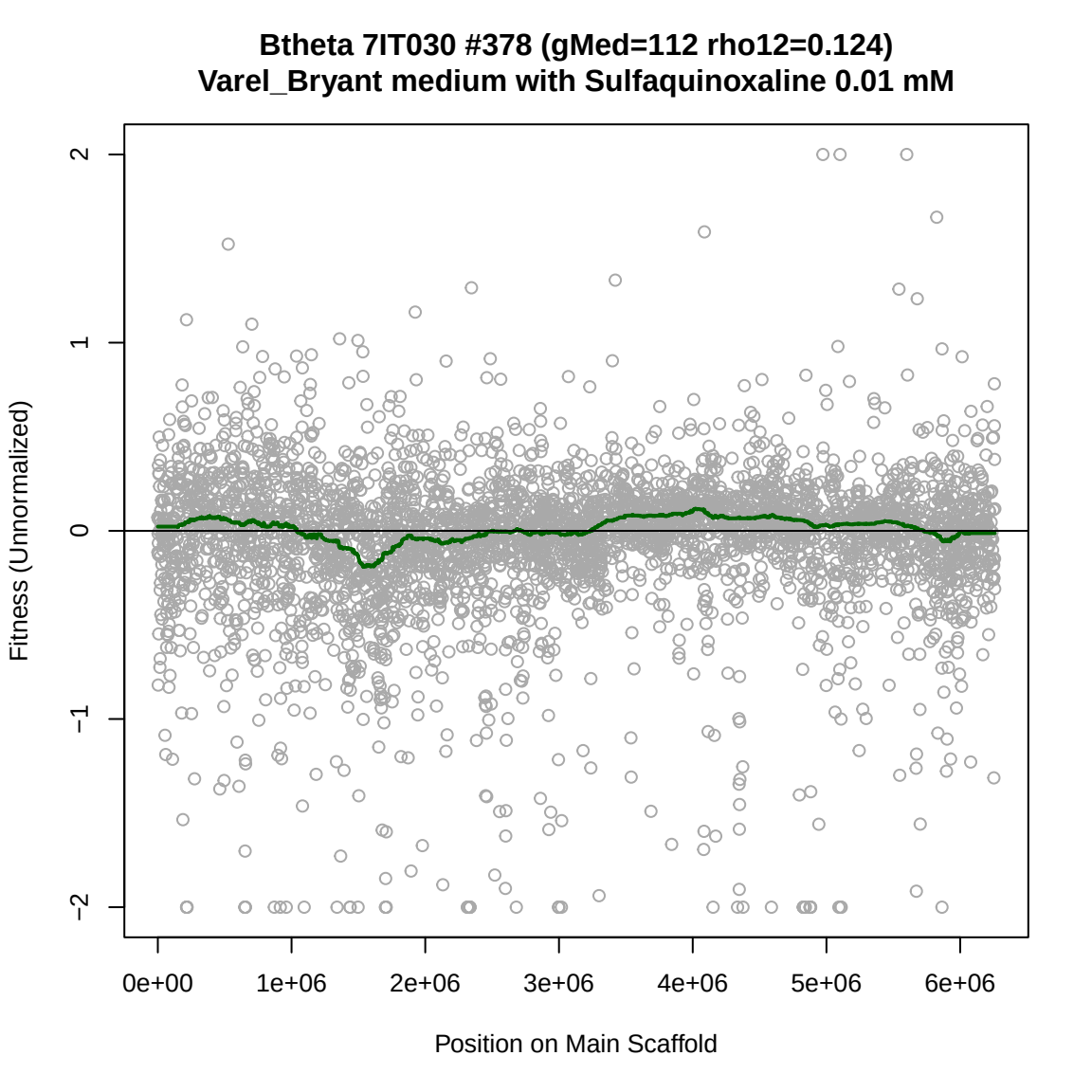

Btheta 7IT025 #373 (gMed=128 rho12=0.142)
Varel_Bryant medium with Econazole nitrate salt 0.02 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

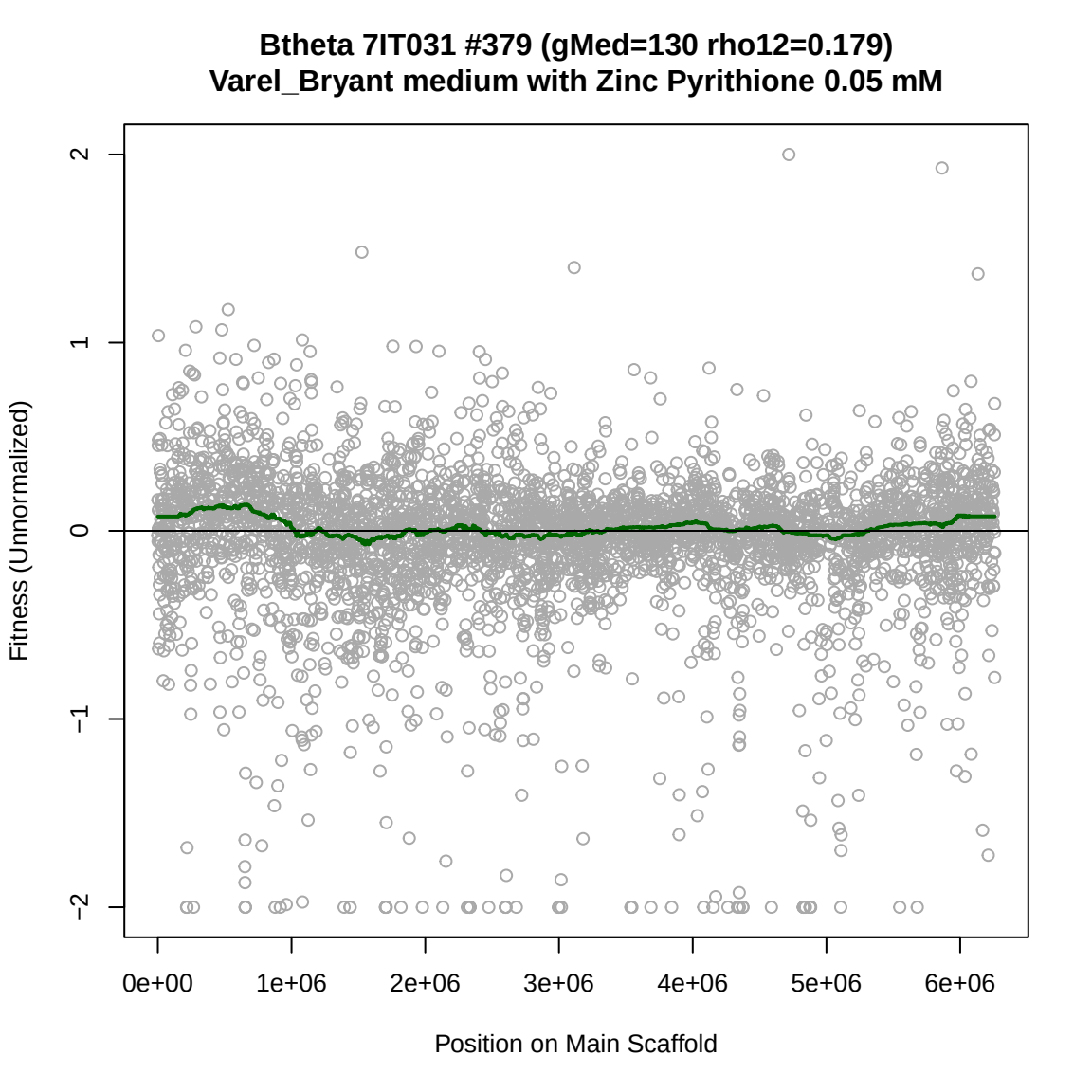

Btheta 7IT026 #374 (gMed=114 rho12=0.159)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

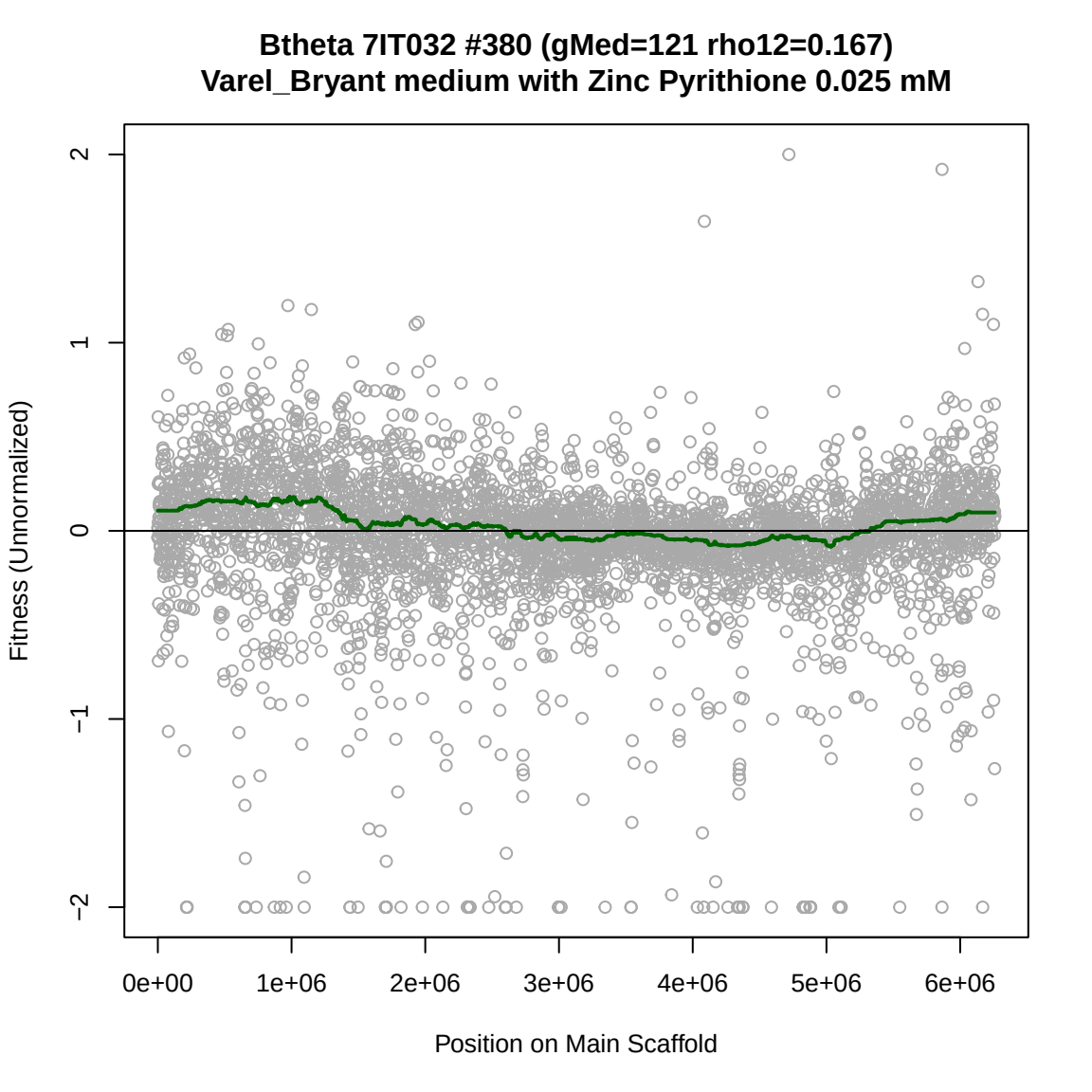

Btheta 7IT027 #375 (gMed=125 rho12=0.203)
Varel_Bryant medium with Chlorhexidine diacetate salt 0.0015 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

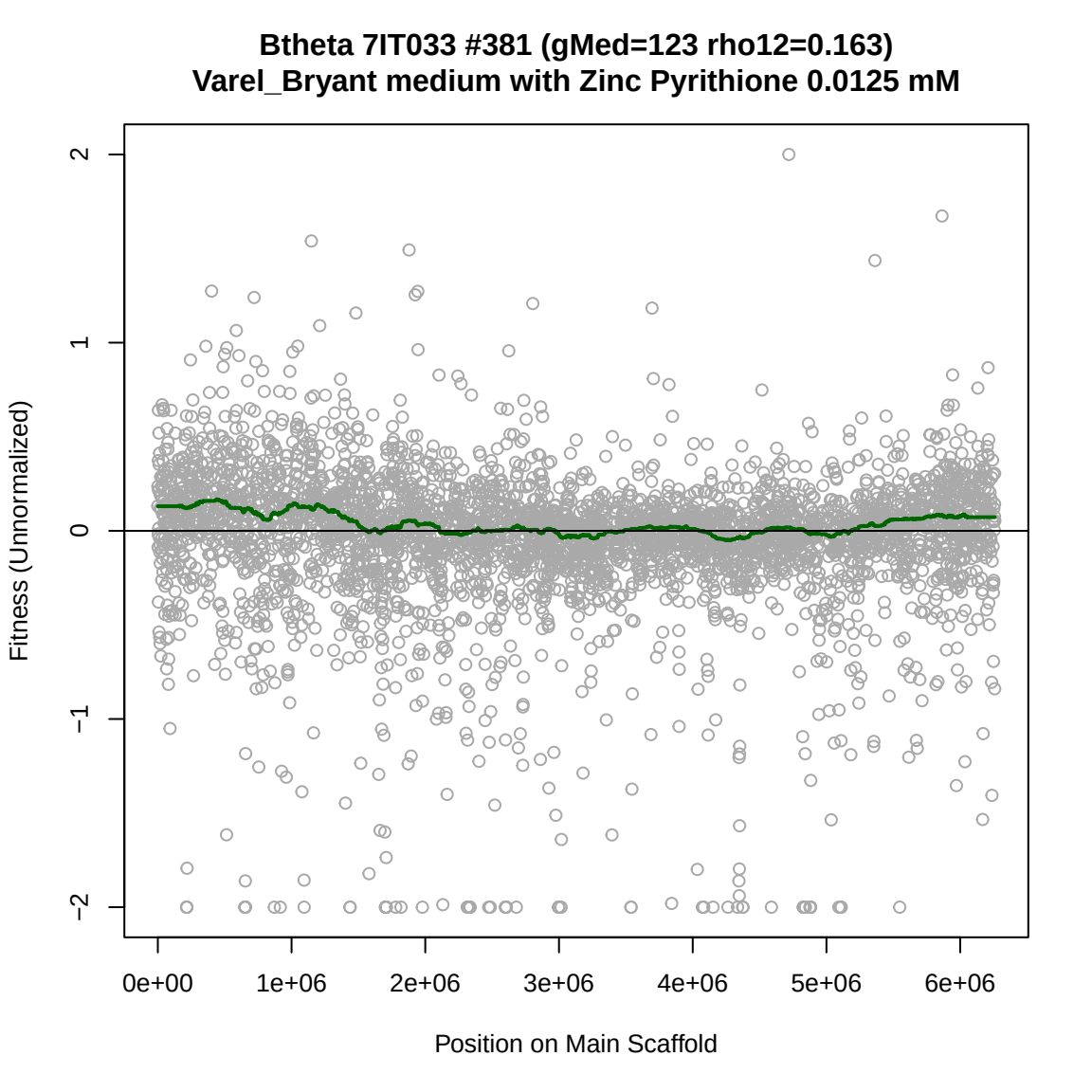

Btheta 7IT028 #376 (gMed=120 rho12=0.161)
Varel_Bryant medium with Chlorhexidine diacetate salt 0.00075 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

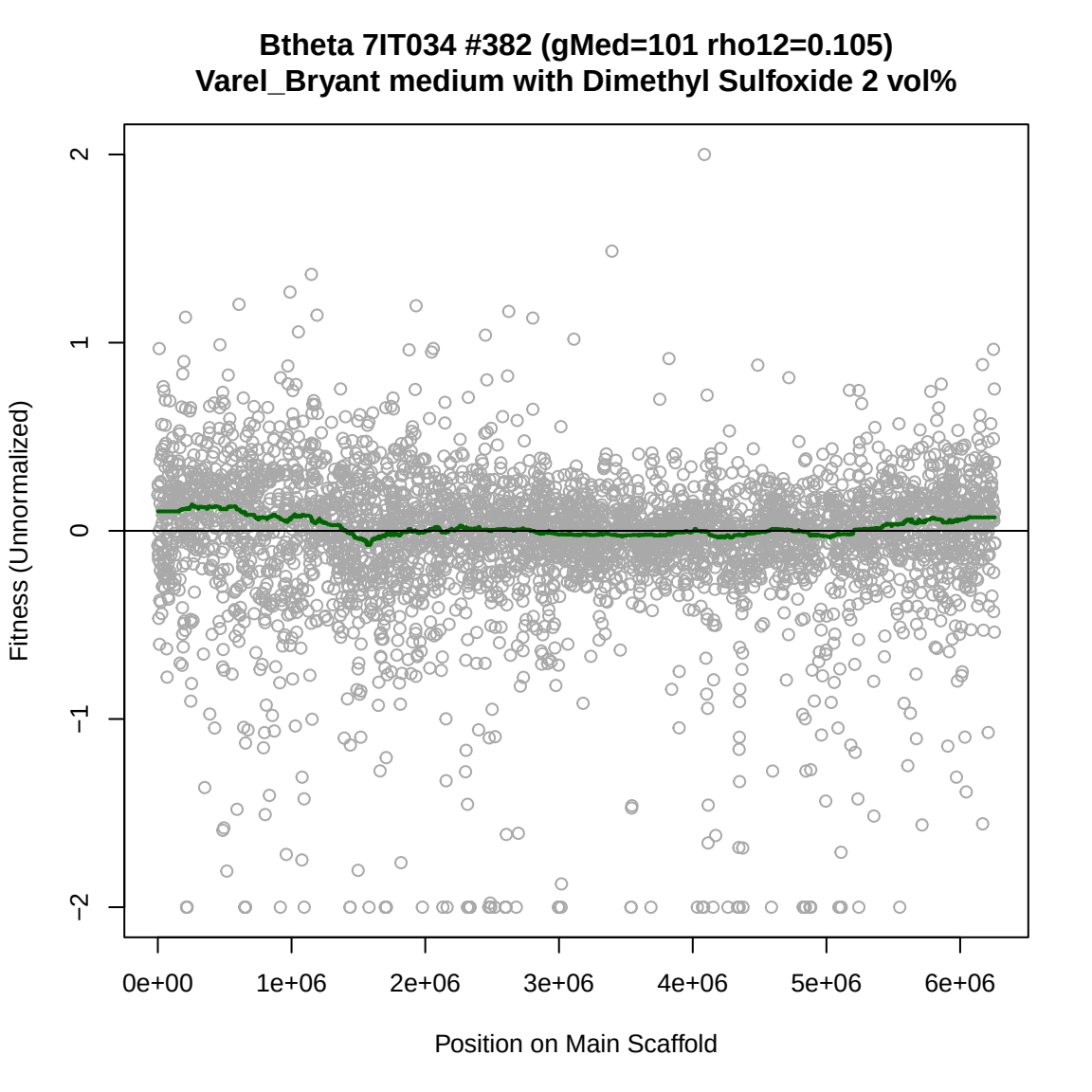

Btheta 7IT029 #377 (gMed=109 rho12=0.164)
Varel_Bryant medium with Sulfaquinoxaline 0.02 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

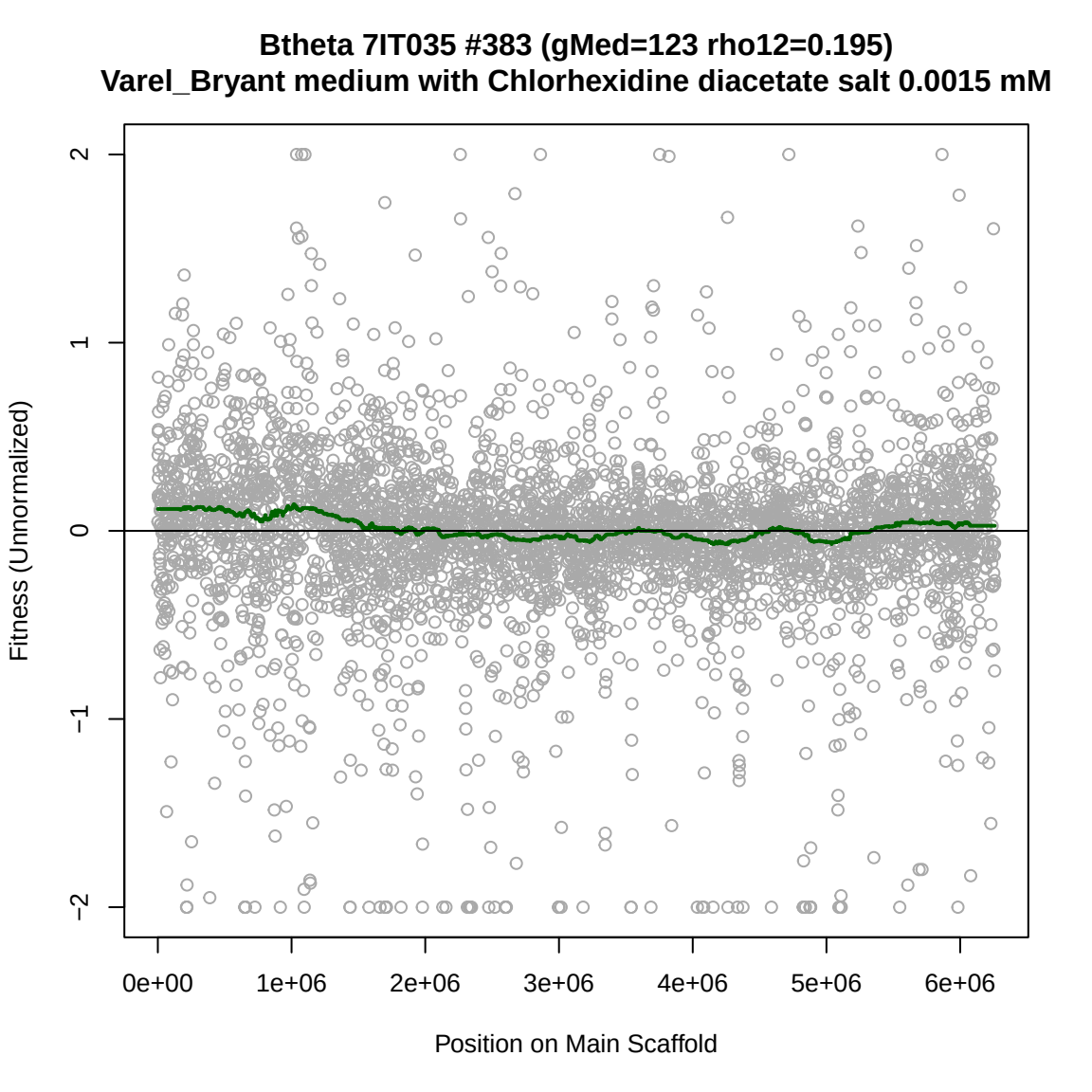

Btheta 7IT030 #378 (gMed=112 rho12=0.124)
Varel_Bryant medium with Sulfaquinoxaline 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

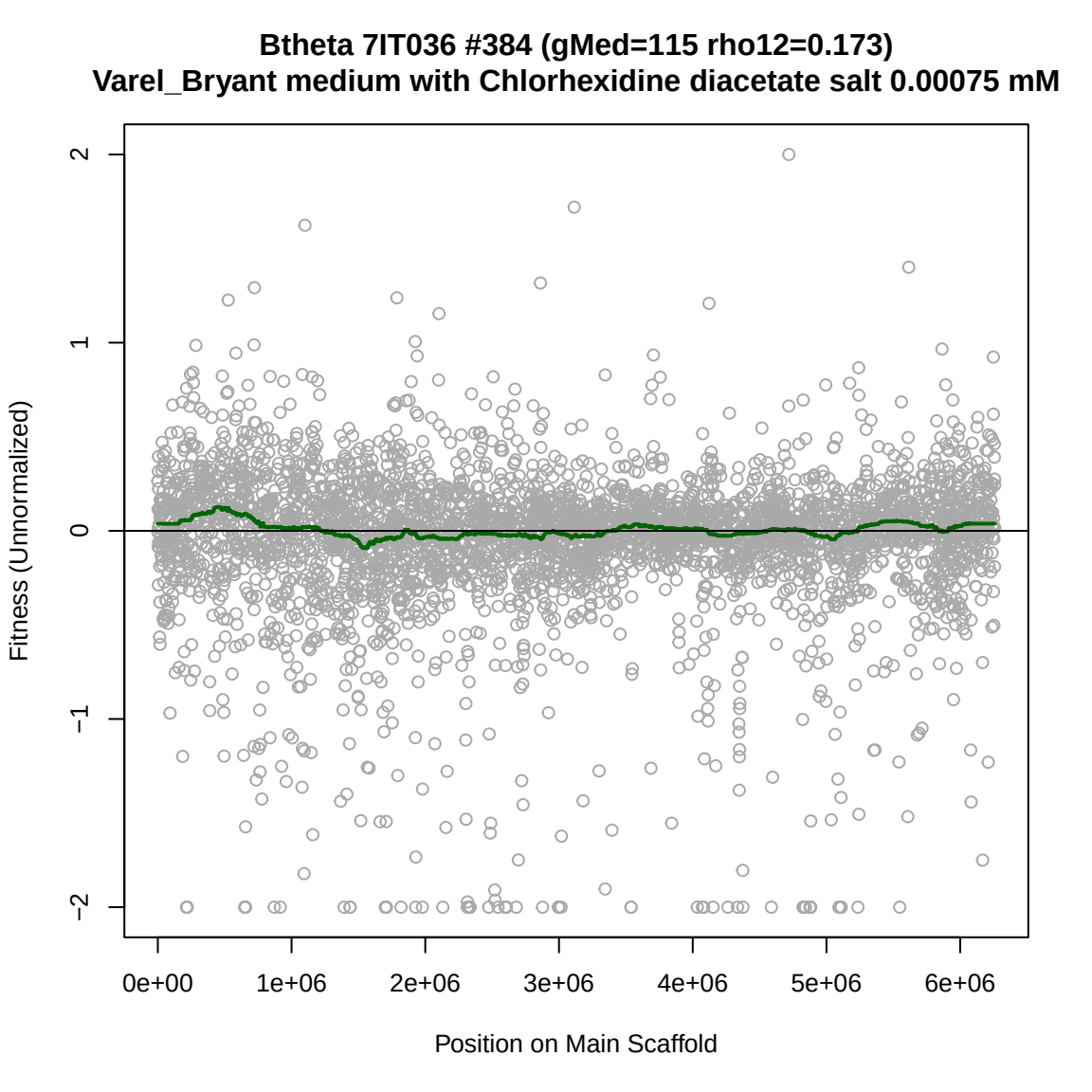

Btheta 7IT031 #379 (gMed=130 rho12=0.179)
Varel_Bryant medium with Zinc Pyrithione 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

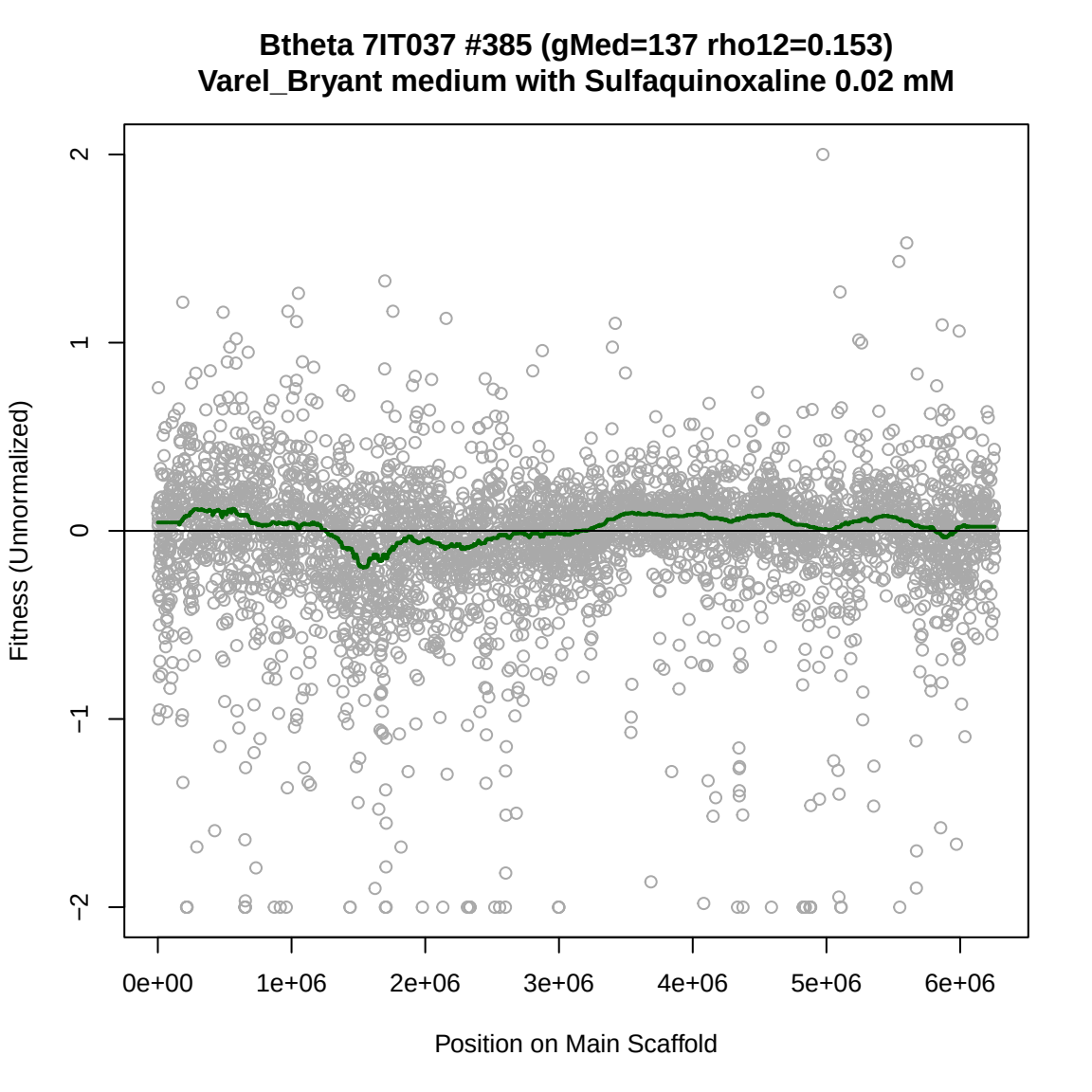

Btheta 7IT032 #380 (gMed=121 rho12=0.167)
Varel_Bryant medium with Zinc Pyrithione 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

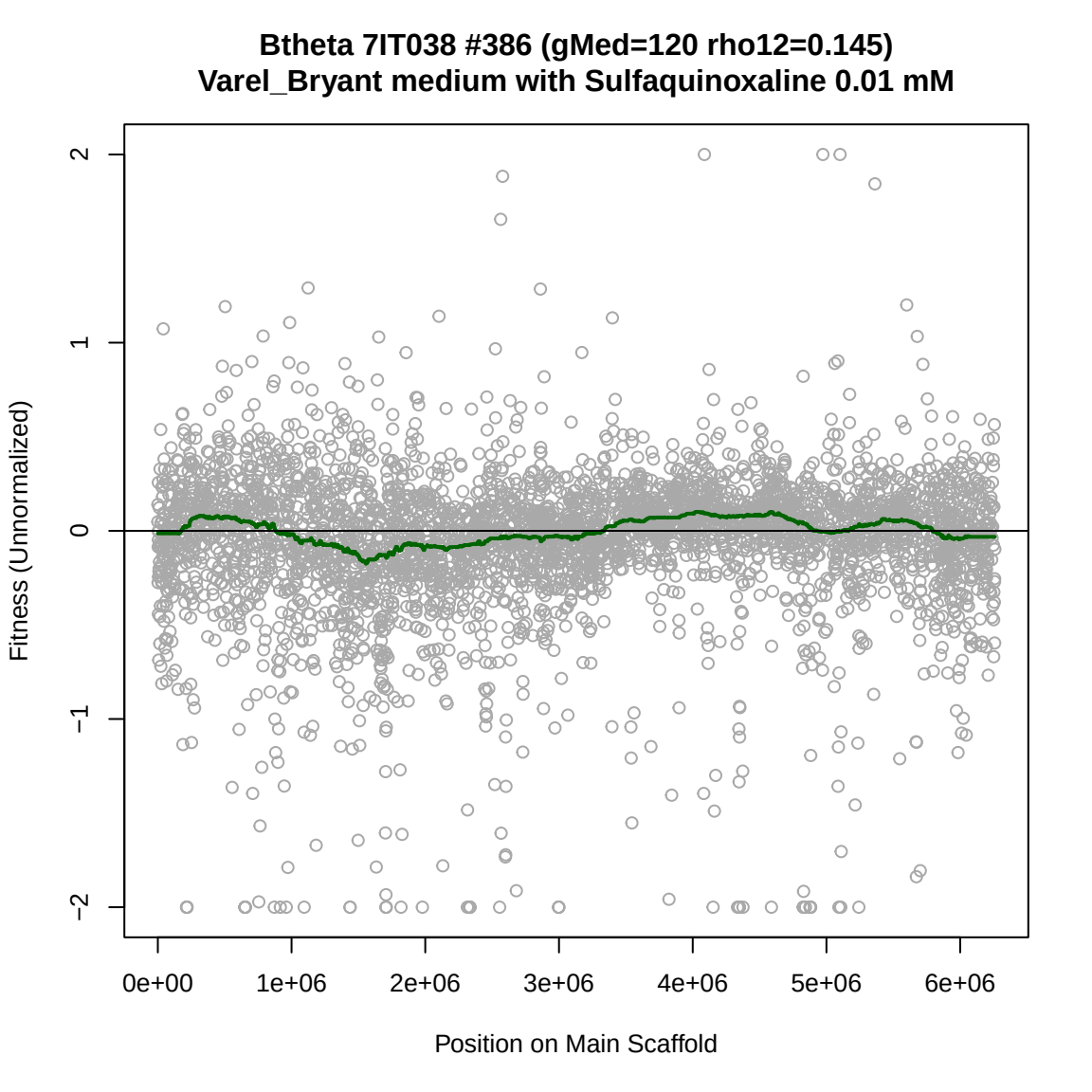

Btheta 7IT033 #381 (gMed=123 rho12=0.163)
Varel_Bryant medium with Zinc Pyrithione 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

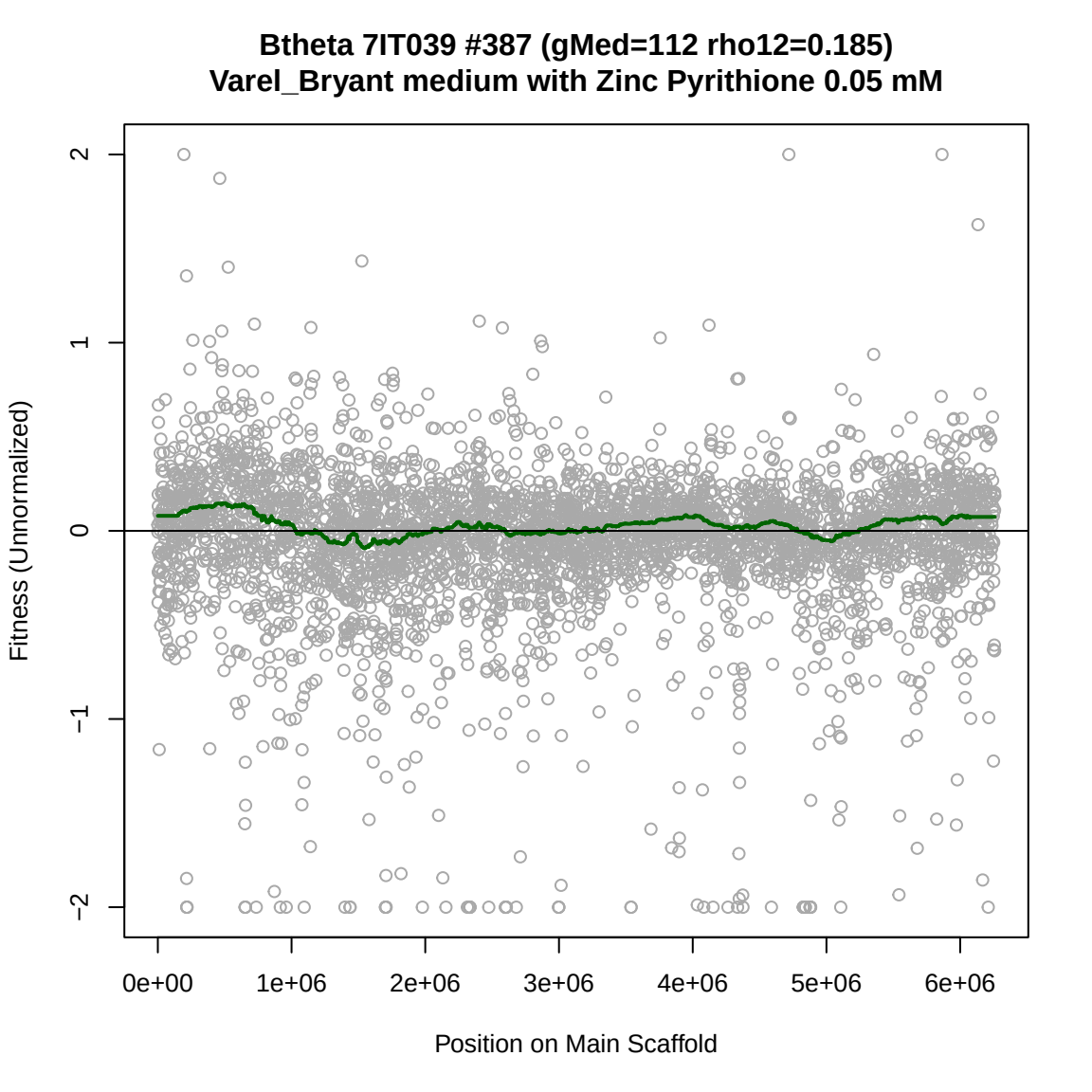

Btheta 7IT034 #382 (gMed=101 rho12=0.105)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

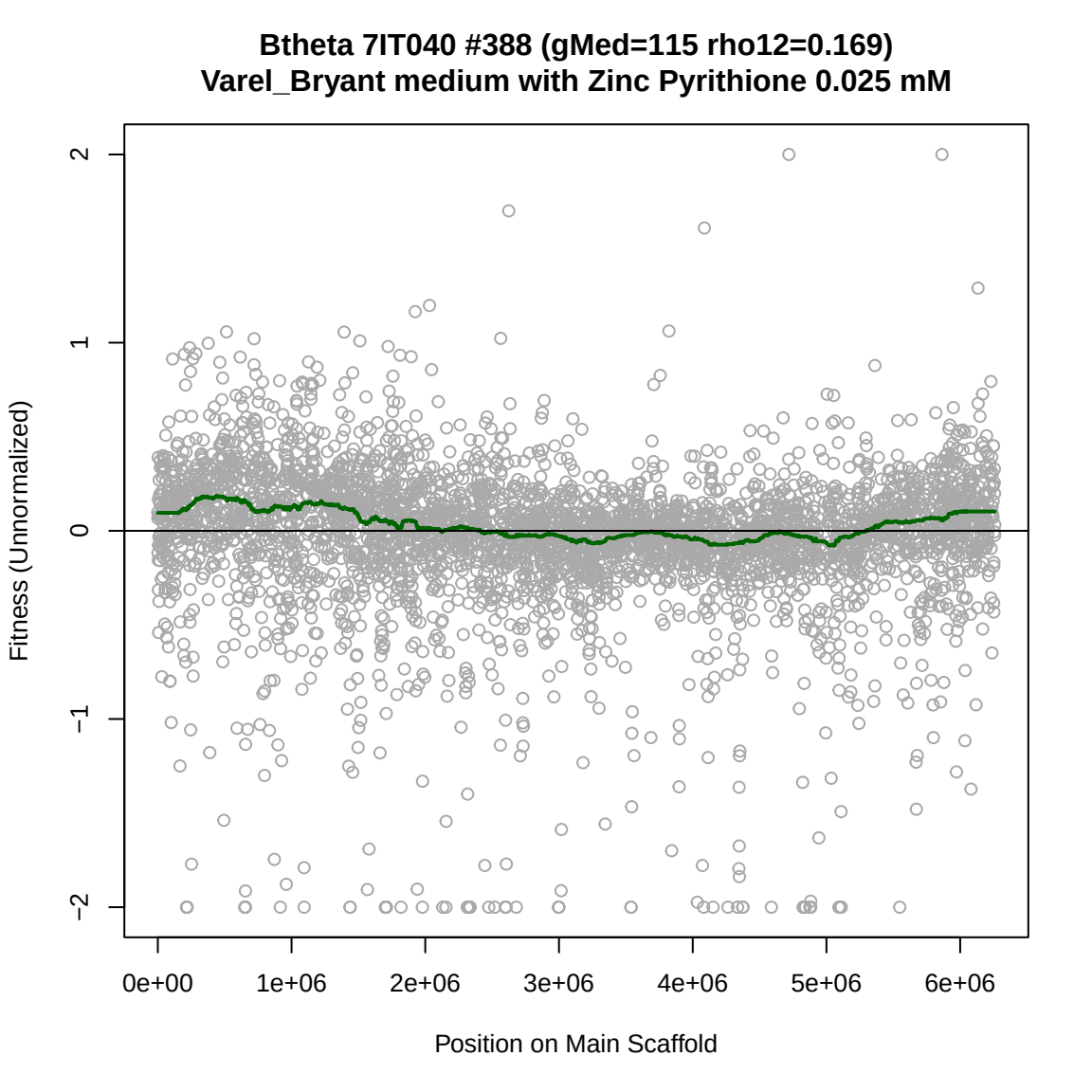

Btheta 7IT035 #383 (gMed=123 rho12=0.195)
Varel_Bryant medium with Chlorhexidine diacetate salt 0.0015 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

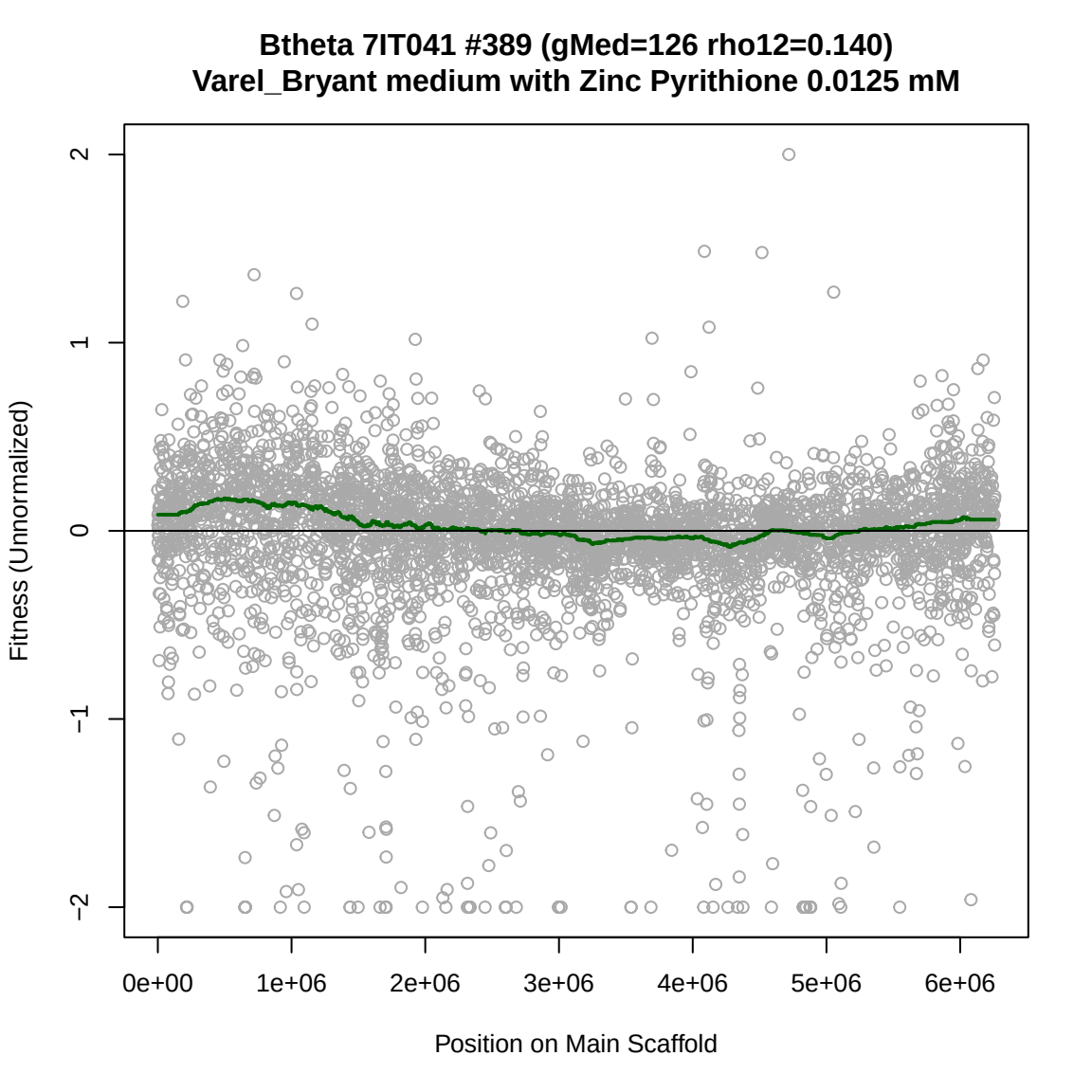

Btheta 7IT036 #384 (gMed=115 rho12=0.173)
Varel_Bryant medium with Chlorhexidine diacetate salt 0.00075 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

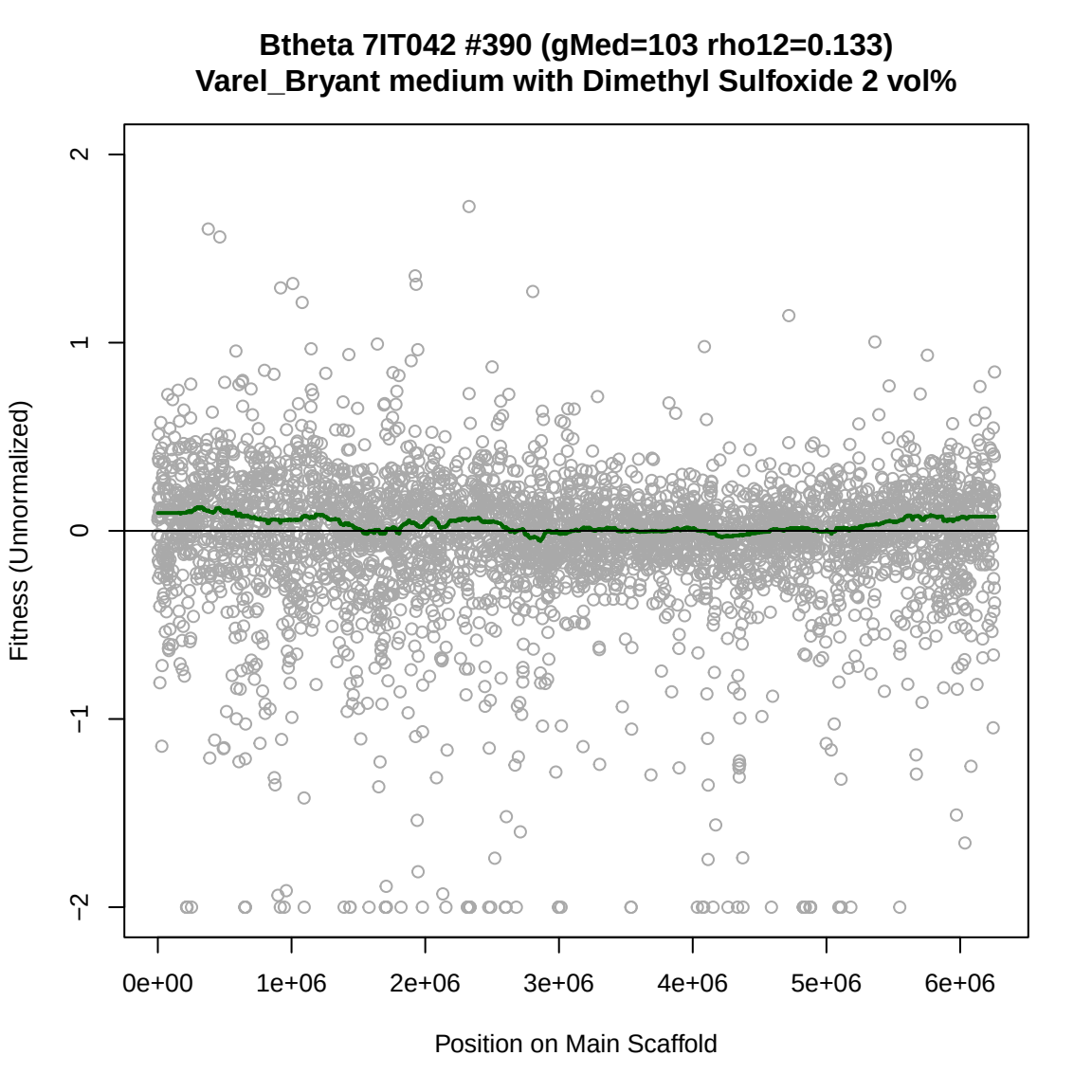

Btheta 7IT037 #385 (gMed=137 rho12=0.153)
Varel_Bryant medium with Sulfaquinoxaline 0.02 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

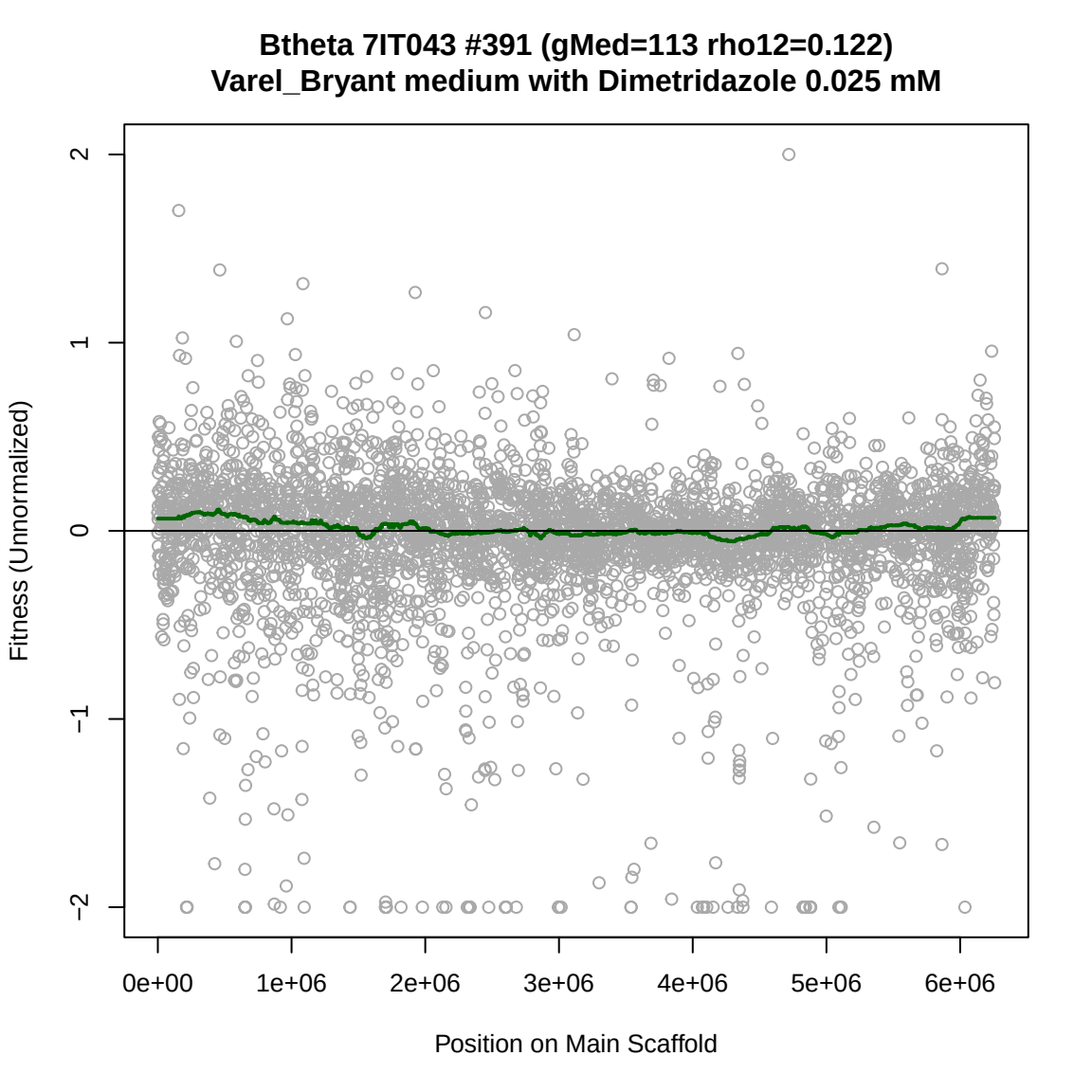

Btheta 7IT038 #386 (gMed=120 rho12=0.145)
Varel_Bryant medium with Sulfaquinoxaline 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

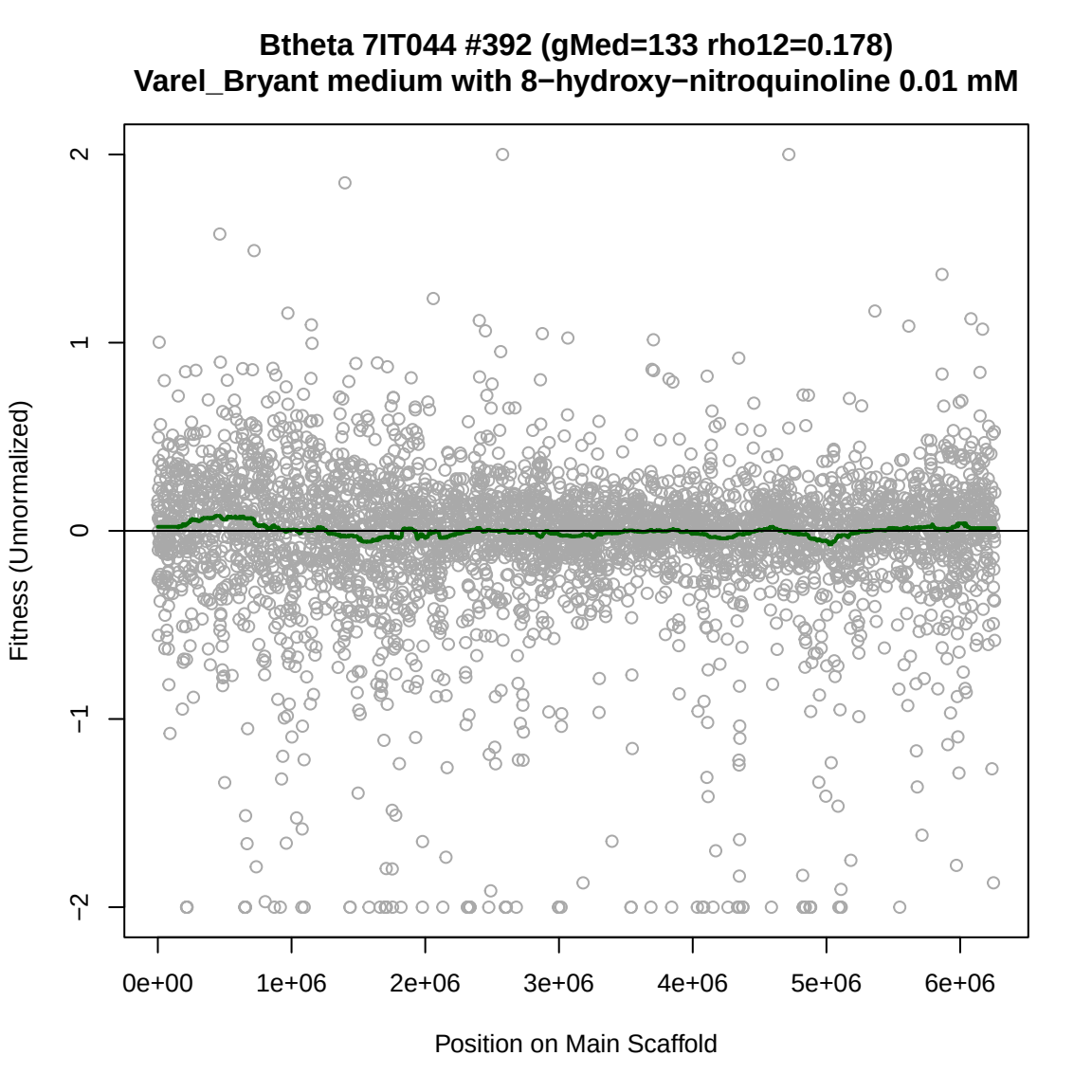

Btheta 7IT039 #387 (gMed=112 rho12=0.185)
Varel_Bryant medium with Zinc Pyrithione 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

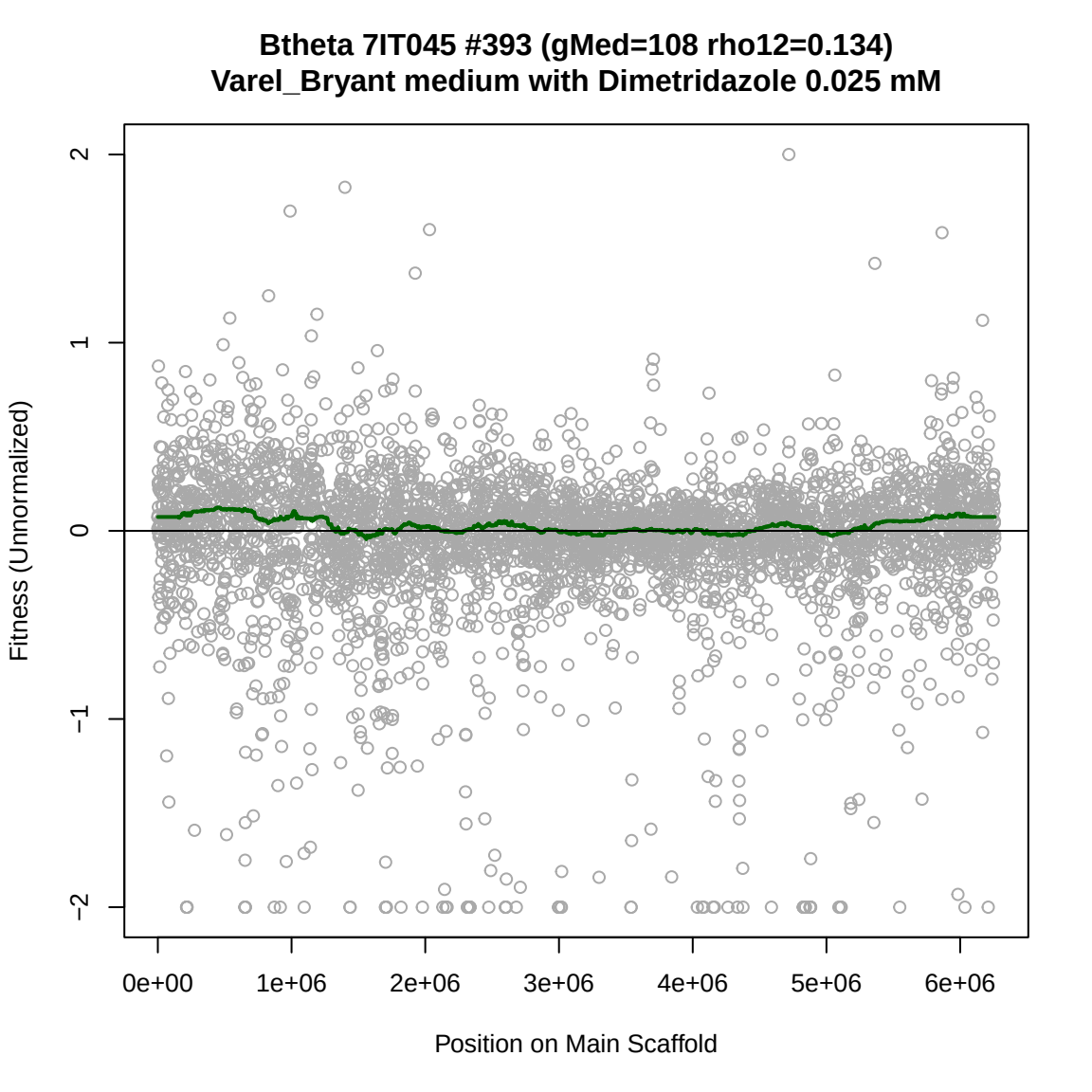

Btheta 7IT040 #388 (gMed=115 rho12=0.169)
Varel_Bryant medium with Zinc Pyrithione 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

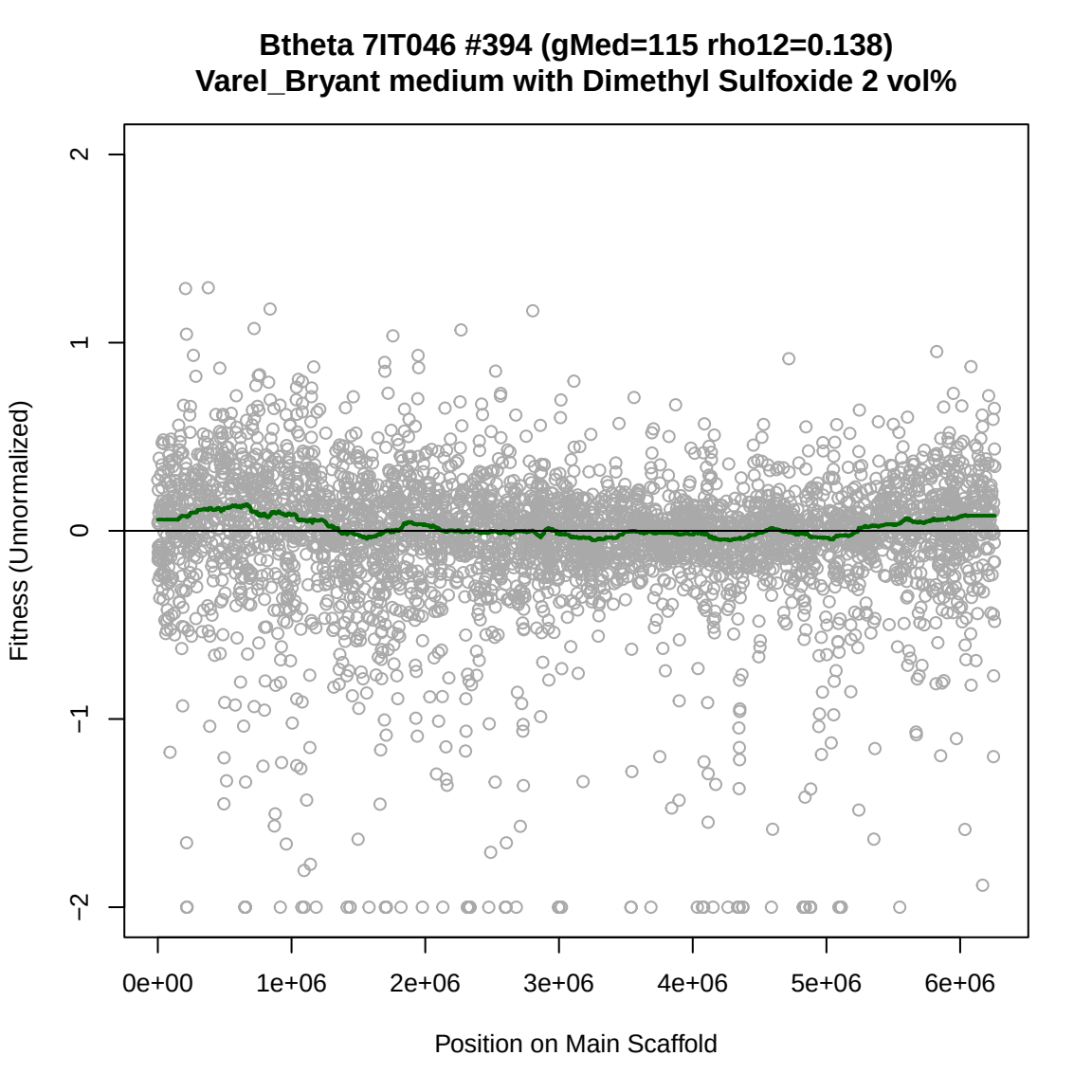

Btheta 7IT041 #389 (gMed=126 rho12=0.140)
Varel_Bryant medium with Zinc Pyrithione 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

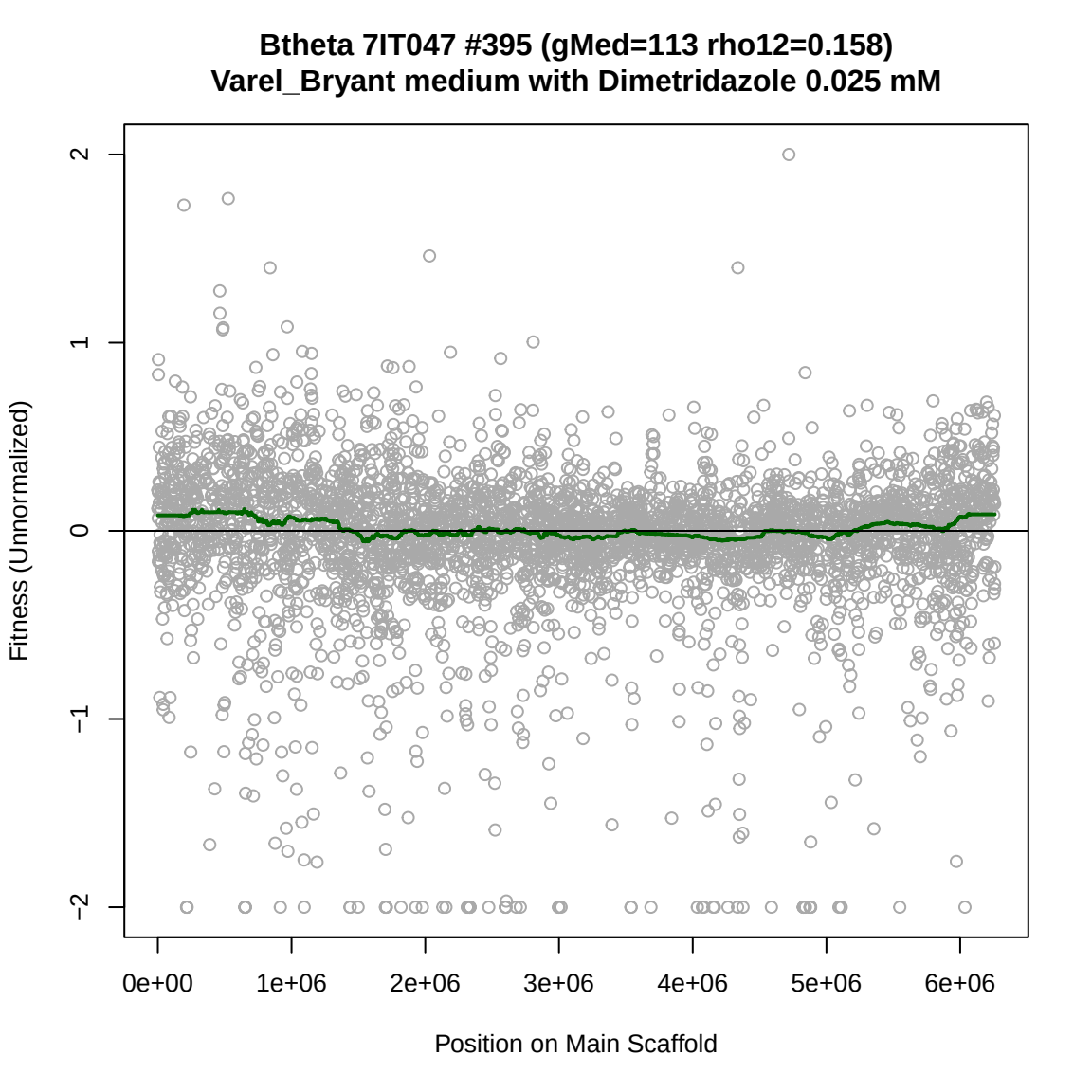

Btheta 7IT042 #390 (gMed=103 rho12=0.133)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

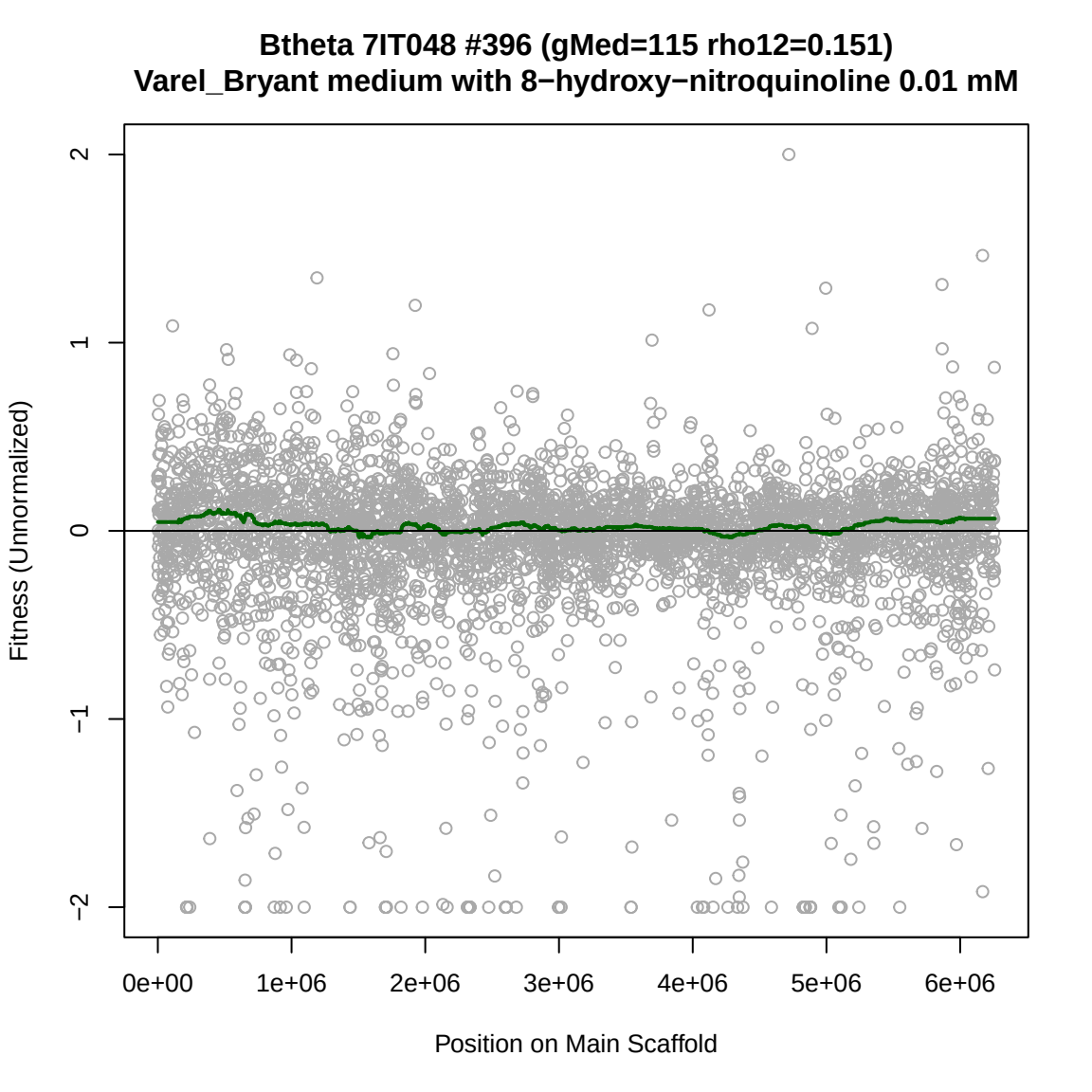

Btheta 7IT043 #391 (gMed=113 rho12=0.122)
Varel_Bryant medium with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

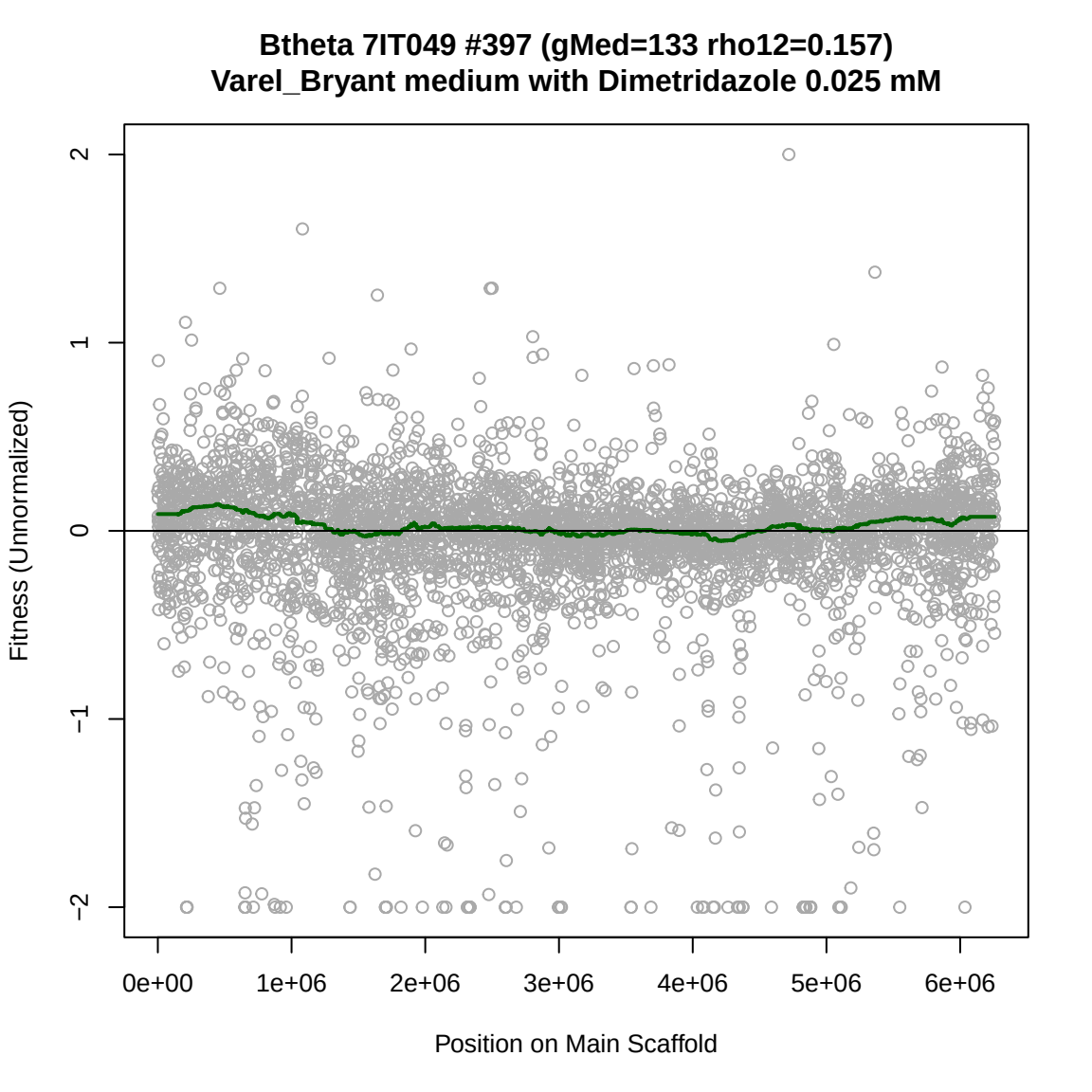

Btheta 7IT044 #392 (gMed=133 rho12=0.178)
Varel_Bryant medium with 8−hydroxy−nitroquinoline 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

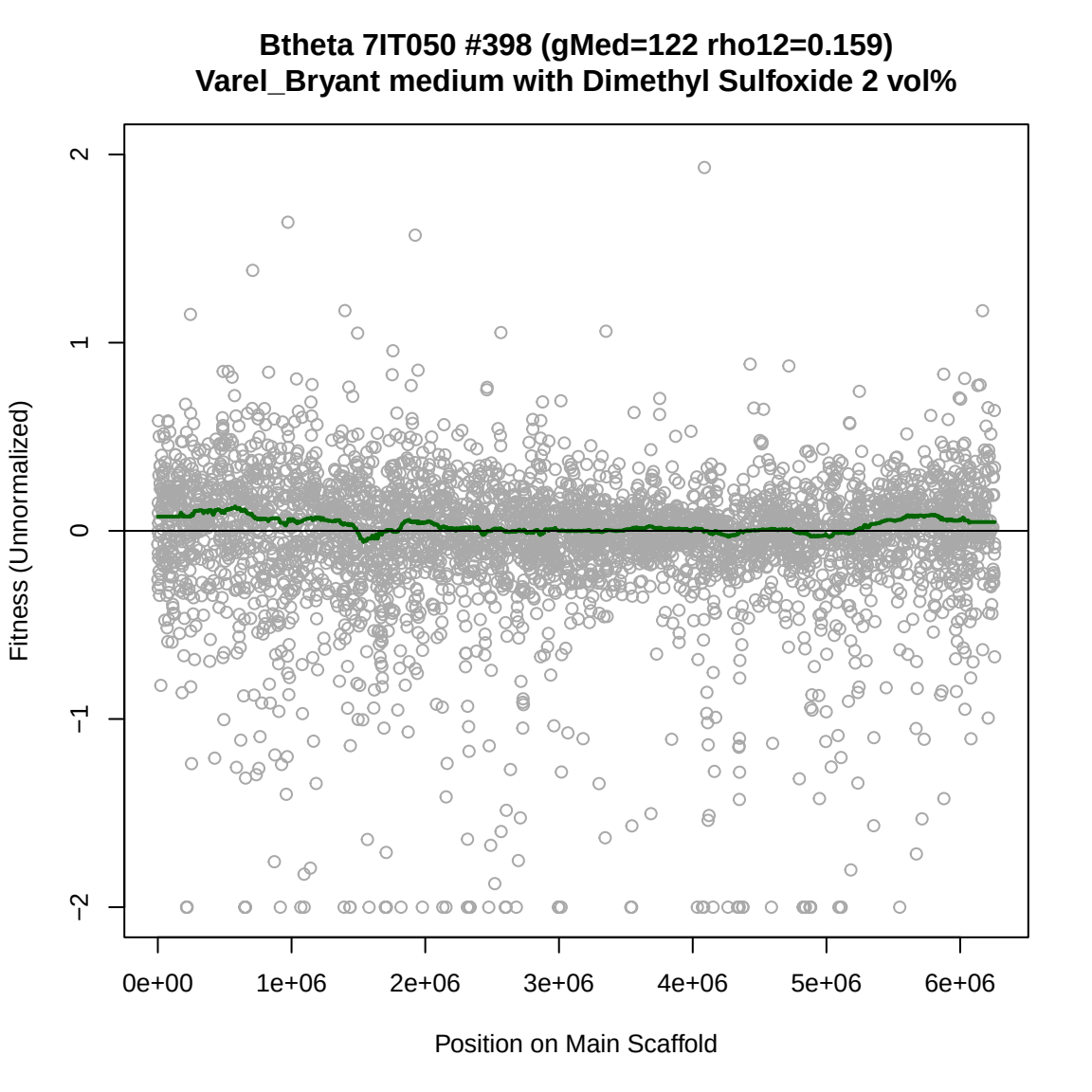

Btheta 7IT045 #393 (gMed=108 rho12=0.134)
Varel_Bryant medium with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

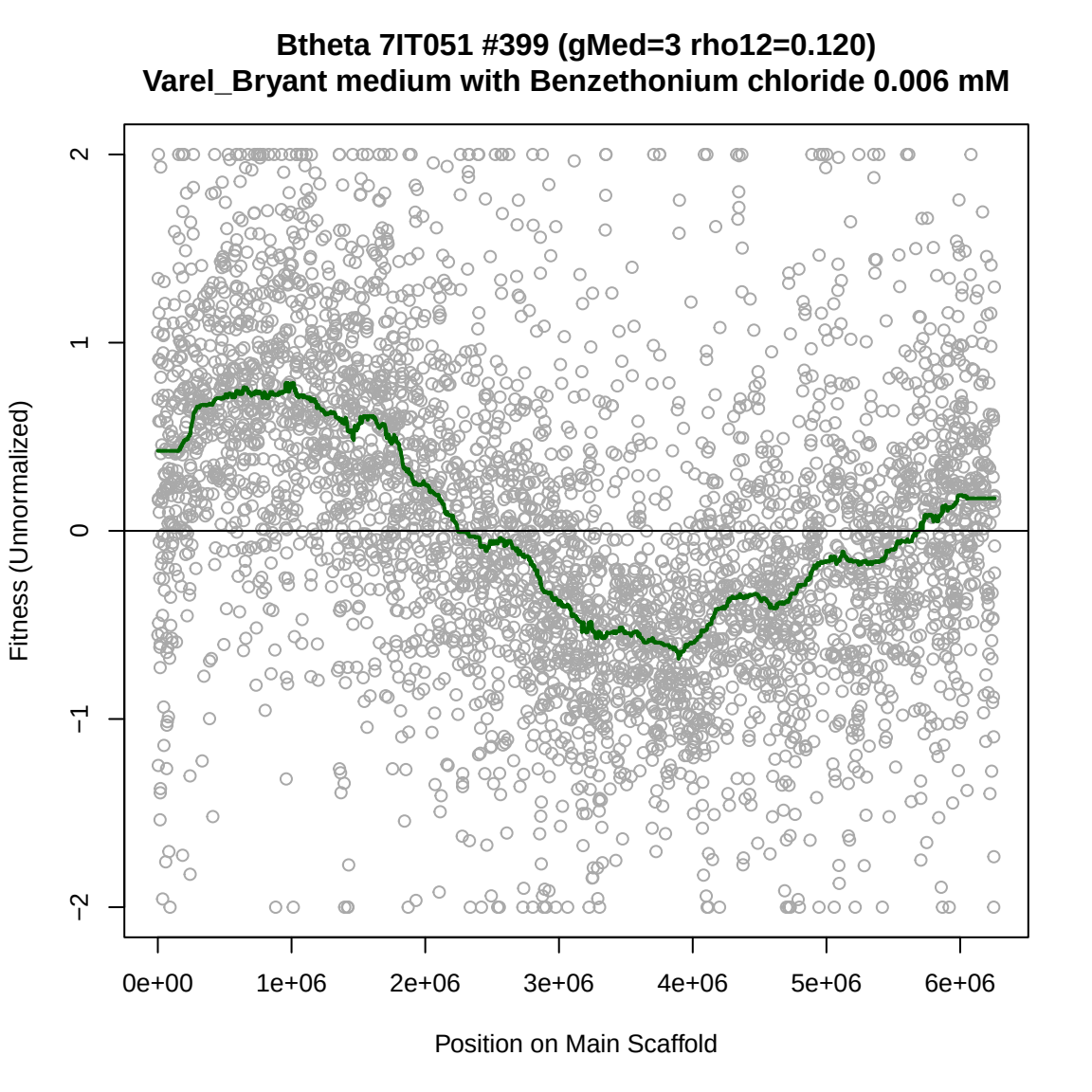

Btheta 7IT046 #394 (gMed=115 rho12=0.138)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

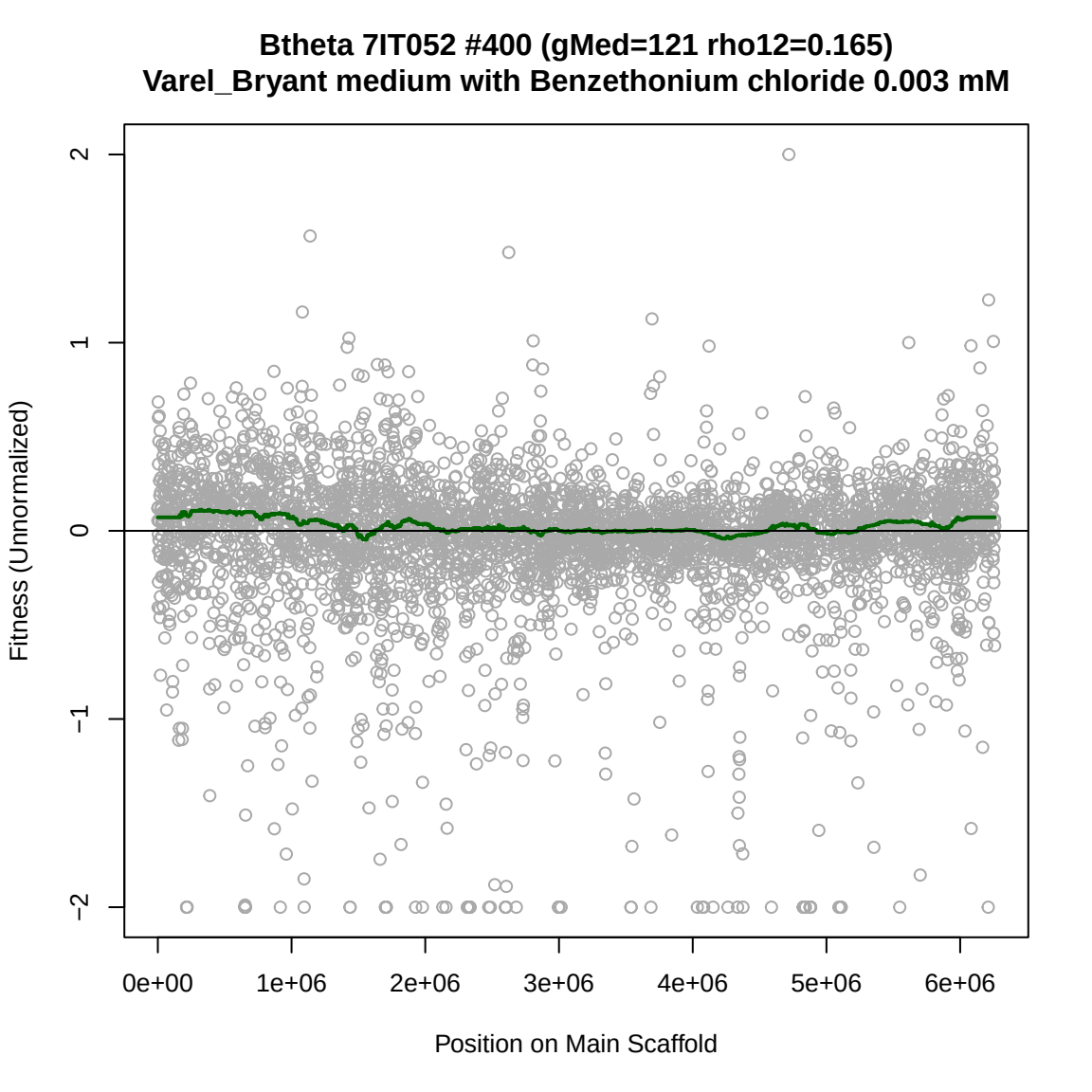

Btheta 7IT047 #395 (gMed=113 rho12=0.158)
Varel_Bryant medium with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

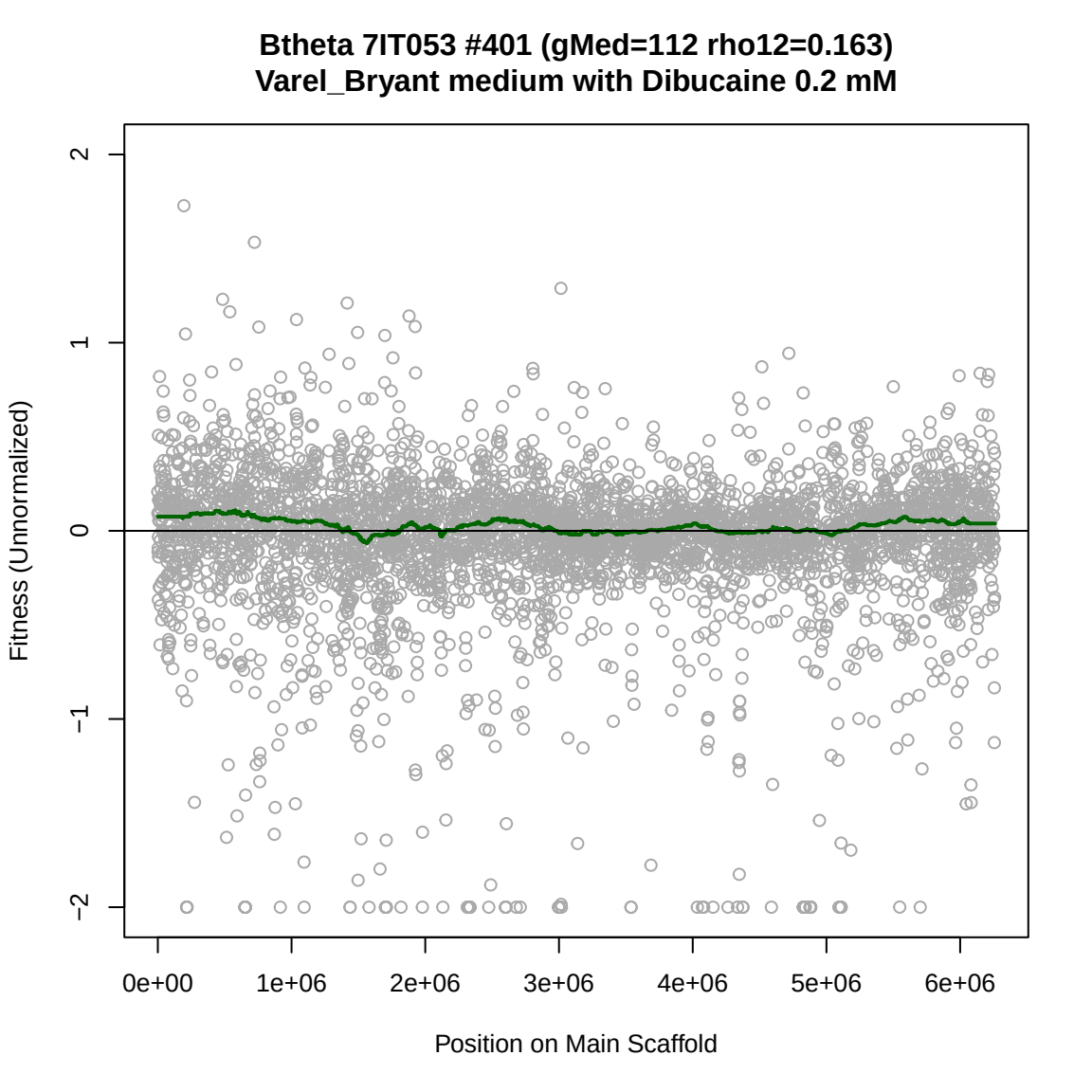

Btheta 7IT048 #396 (gMed=115 rho12=0.151)
Varel_Bryant medium with 8−hydroxy−nitroquinoline 0.01 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

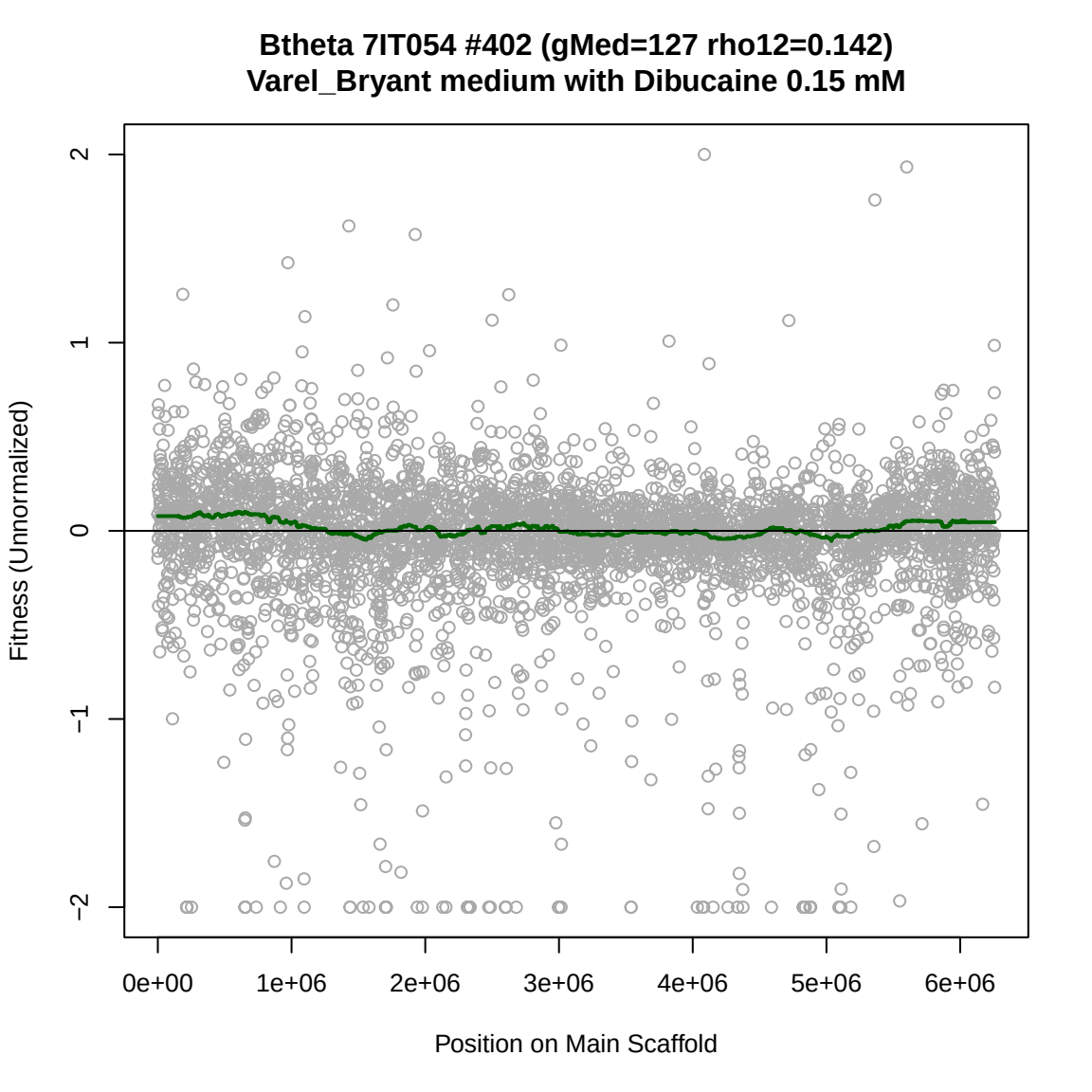

Btheta 7IT049 #397 (gMed=133 rho12=0.157)
Varel_Bryant medium with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

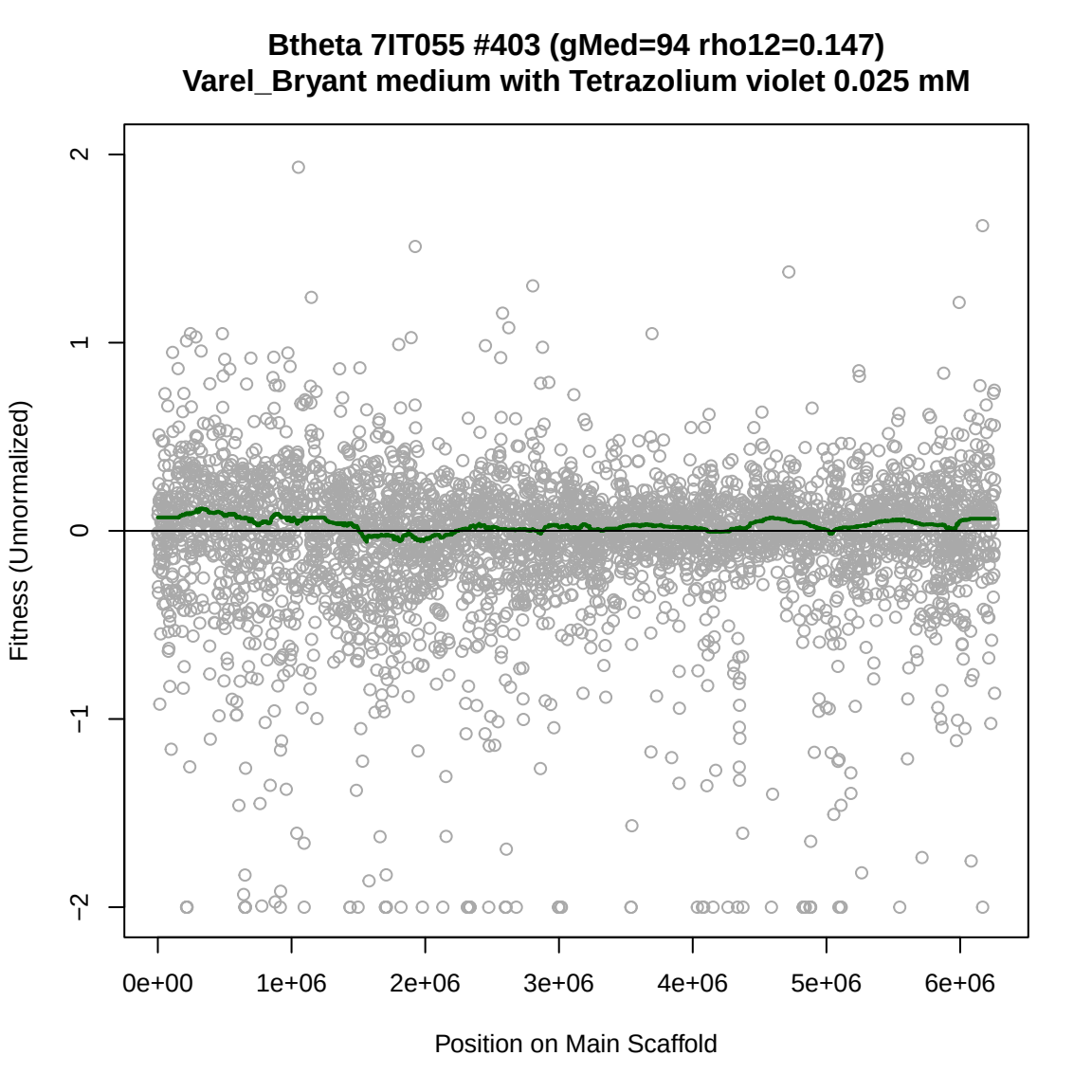

Btheta 7IT050 #398 (gMed=122 rho12=0.159)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

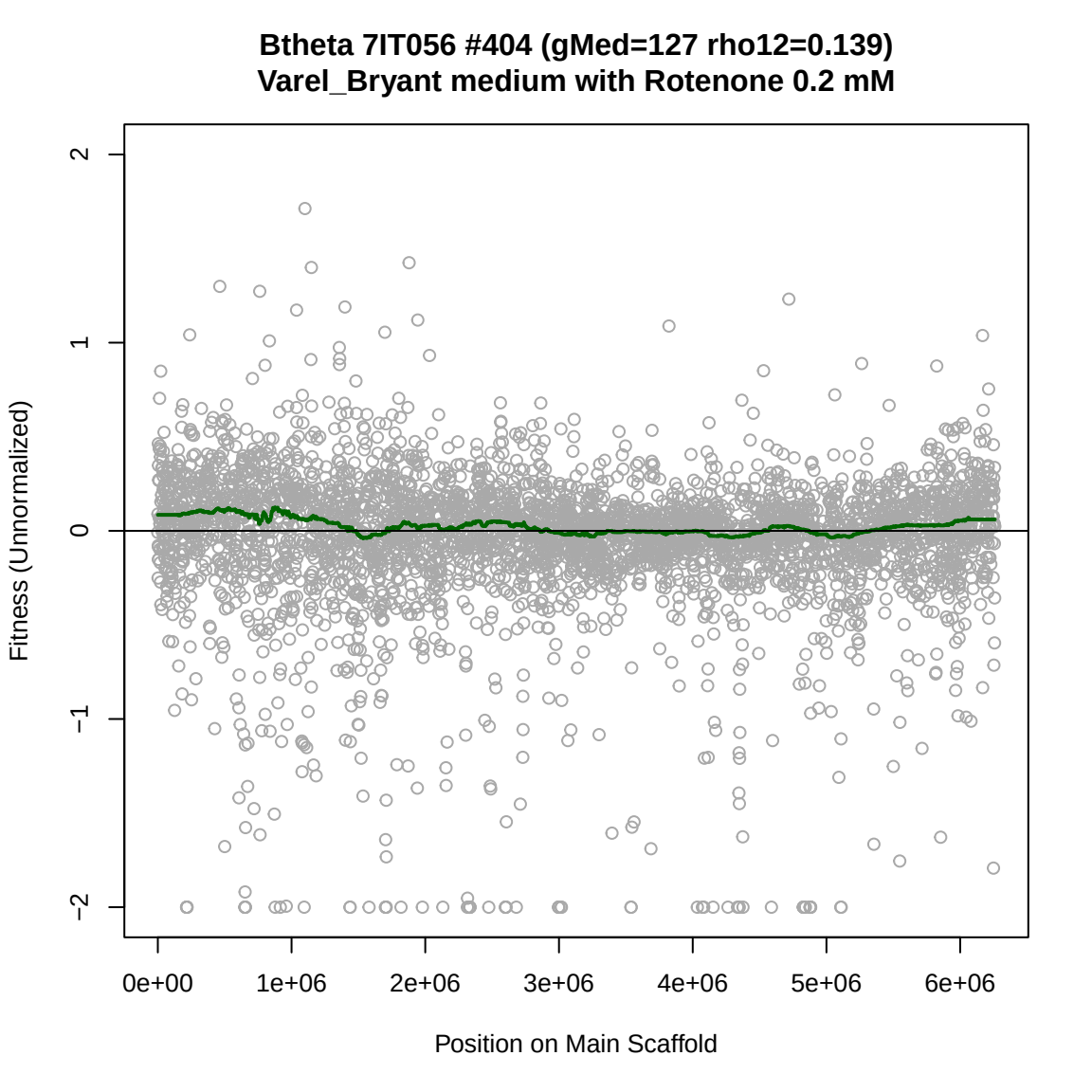

Btheta 7IT051 #399 (gMed=3 rho12=0.120)
Varel_Bryant medium with Benzethonium chloride 0.006 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

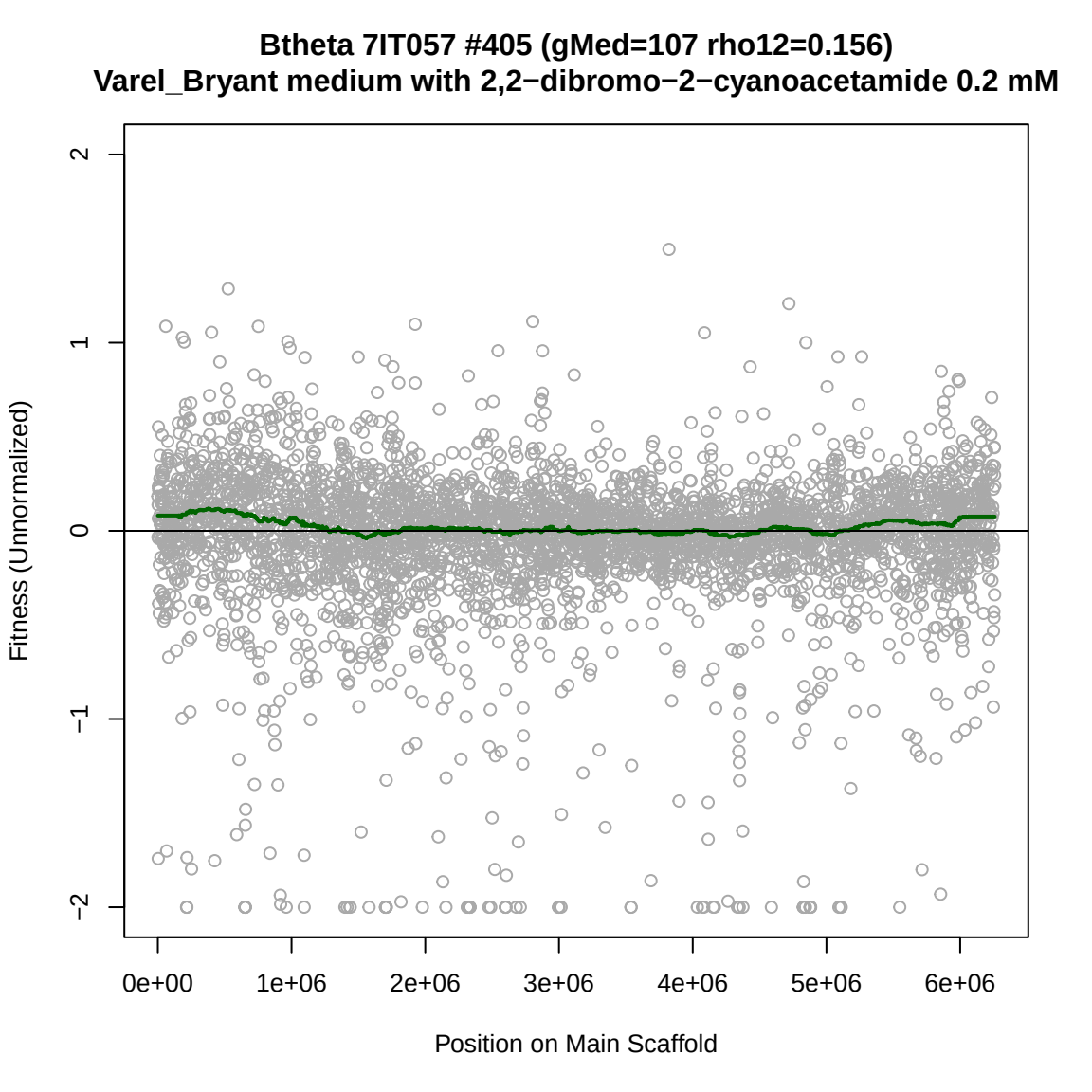

Btheta 7IT052 #400 (gMed=121 rho12=0.165)
Varel_Bryant medium with Benzethonium chloride 0.003 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

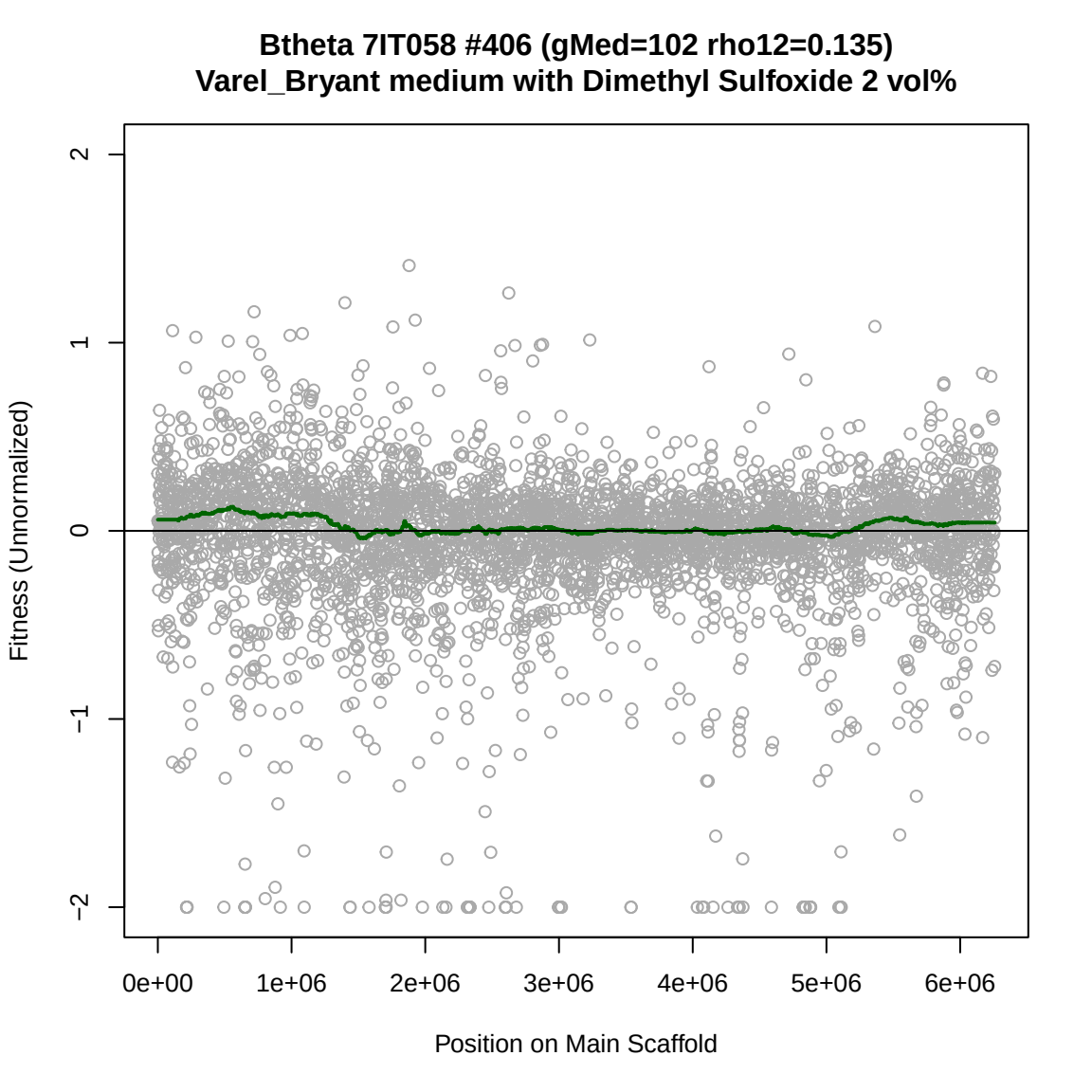

Btheta 7IT053 #401 (gMed=112 rho12=0.163)
Varel_Bryant medium with Dibucaine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

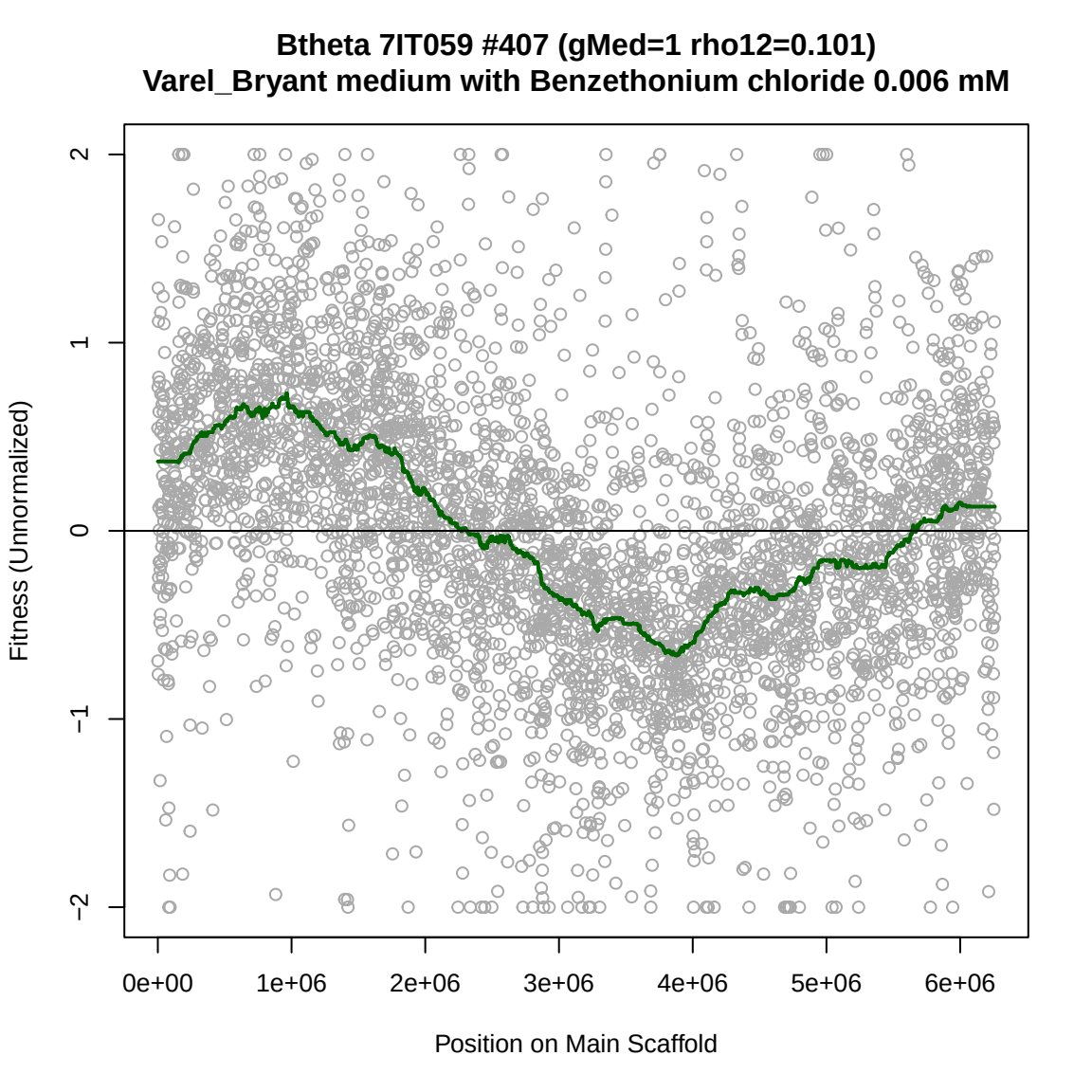

Btheta 7IT054 #402 (gMed=127 rho12=0.142)
Varel_Bryant medium with Dibucaine 0.15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

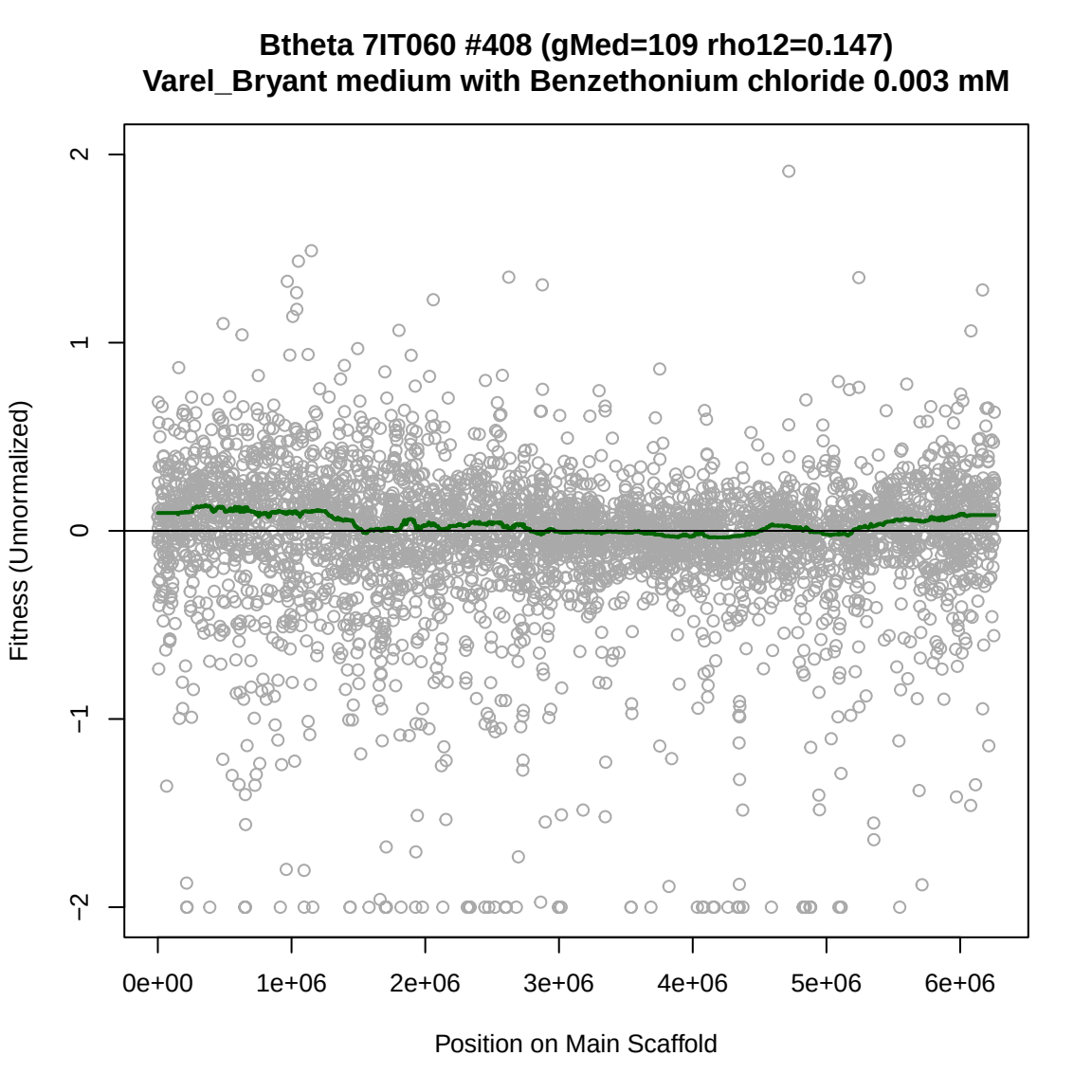

Btheta 7IT055 #403 (gMed=94 rho12=0.147)
Varel_Bryant medium with Tetrazolium violet 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

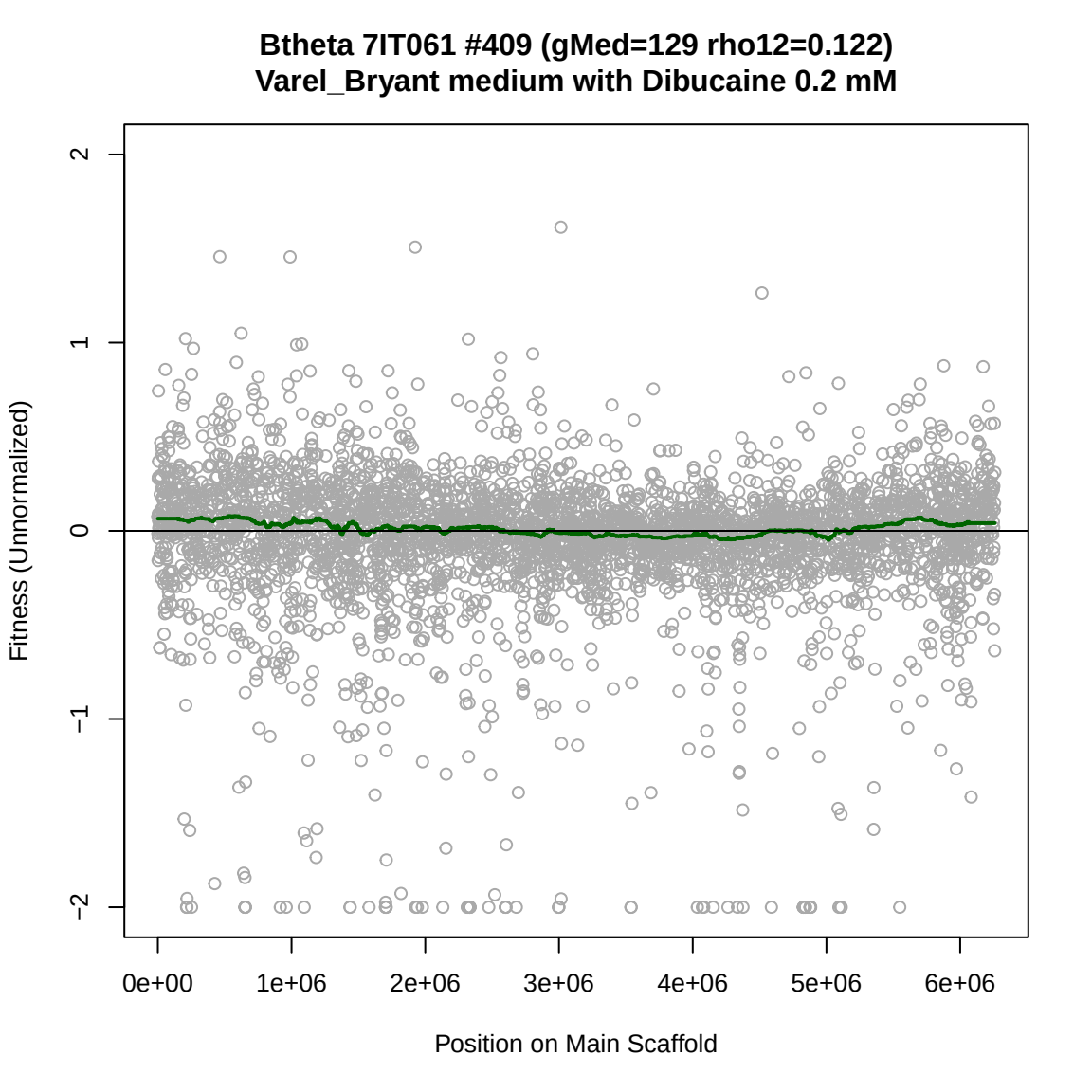

Btheta 7IT056 #404 (gMed=127 rho12=0.139)
Varel_Bryant medium with Rotenone 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

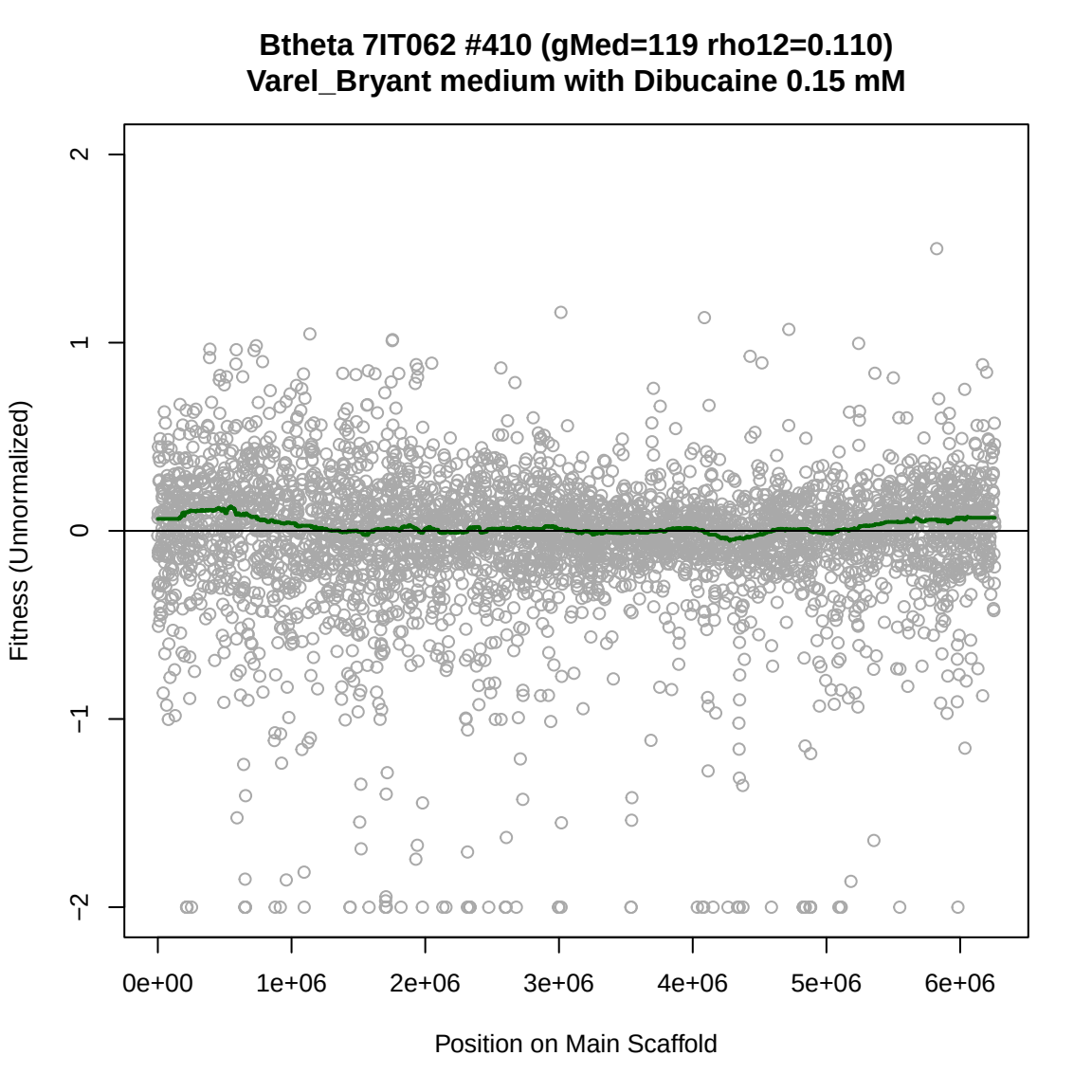

Btheta 7IT057 #405 (gMed=107 rho12=0.156)
Varel_Bryant medium with 2,2−dibromo−2−cyanoacetamide 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

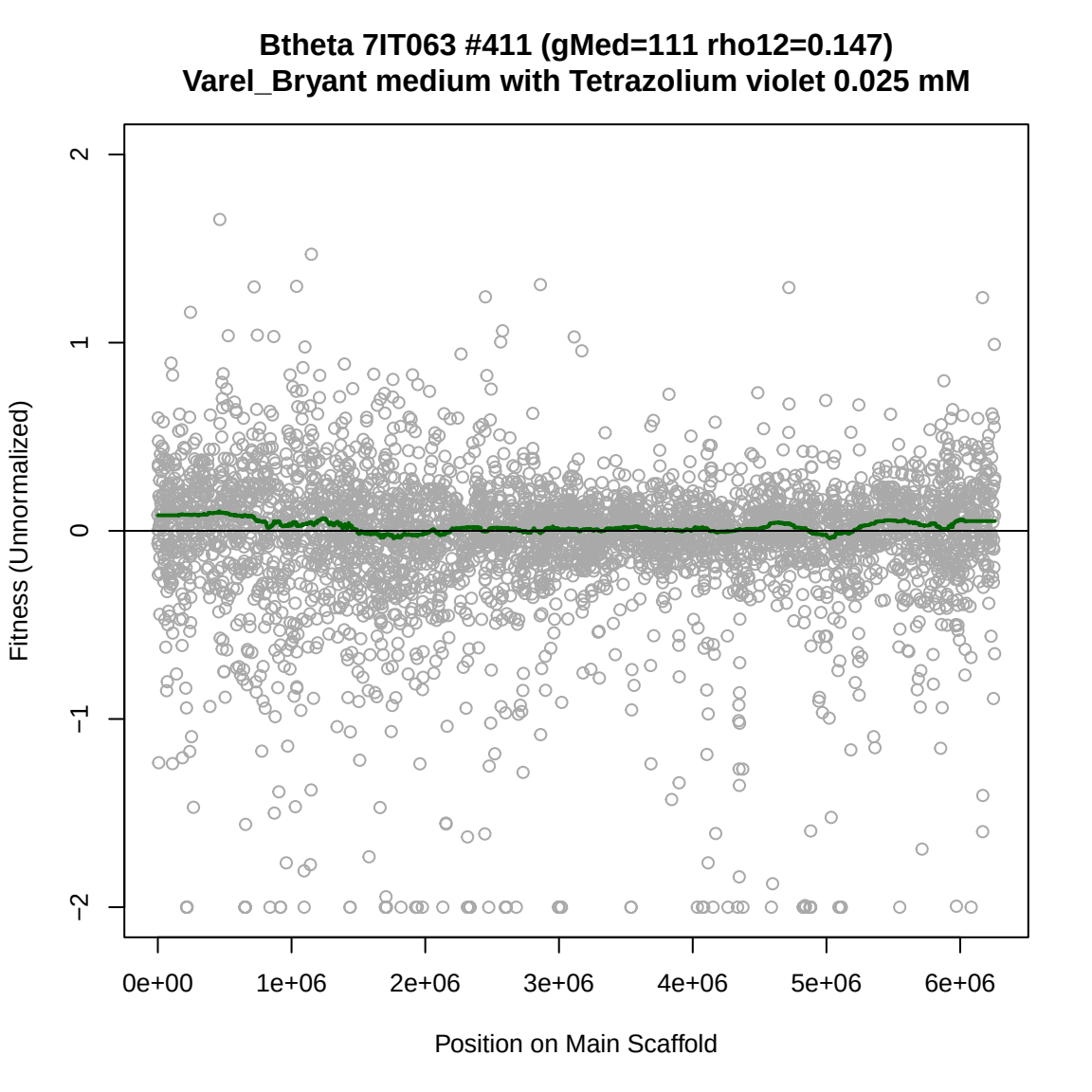

Btheta 7IT058 #406 (gMed=102 rho12=0.135)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

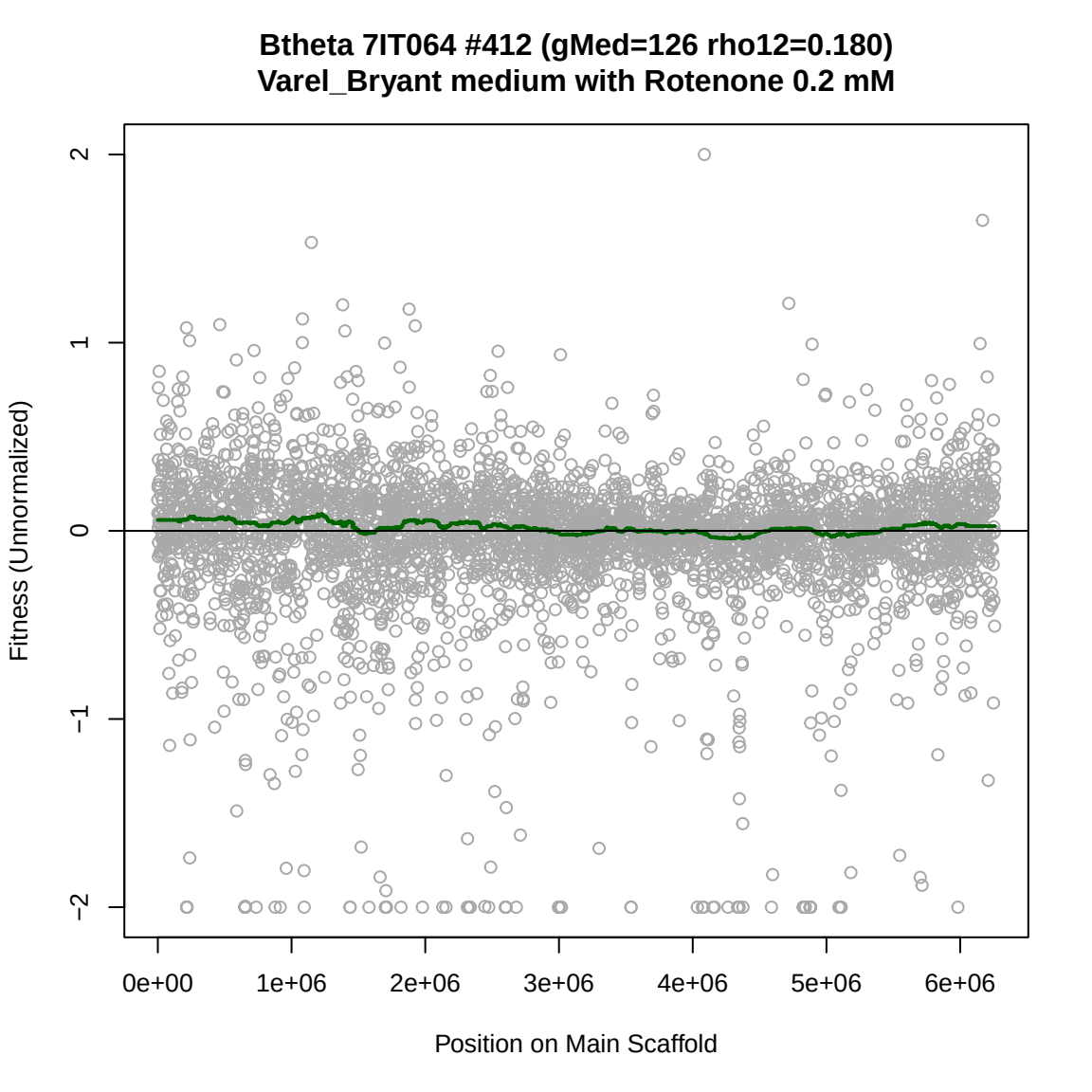

Btheta 7IT059 #407 (gMed=1 rho12=0.101)
Varel_Bryant medium with Benzethonium chloride 0.006 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

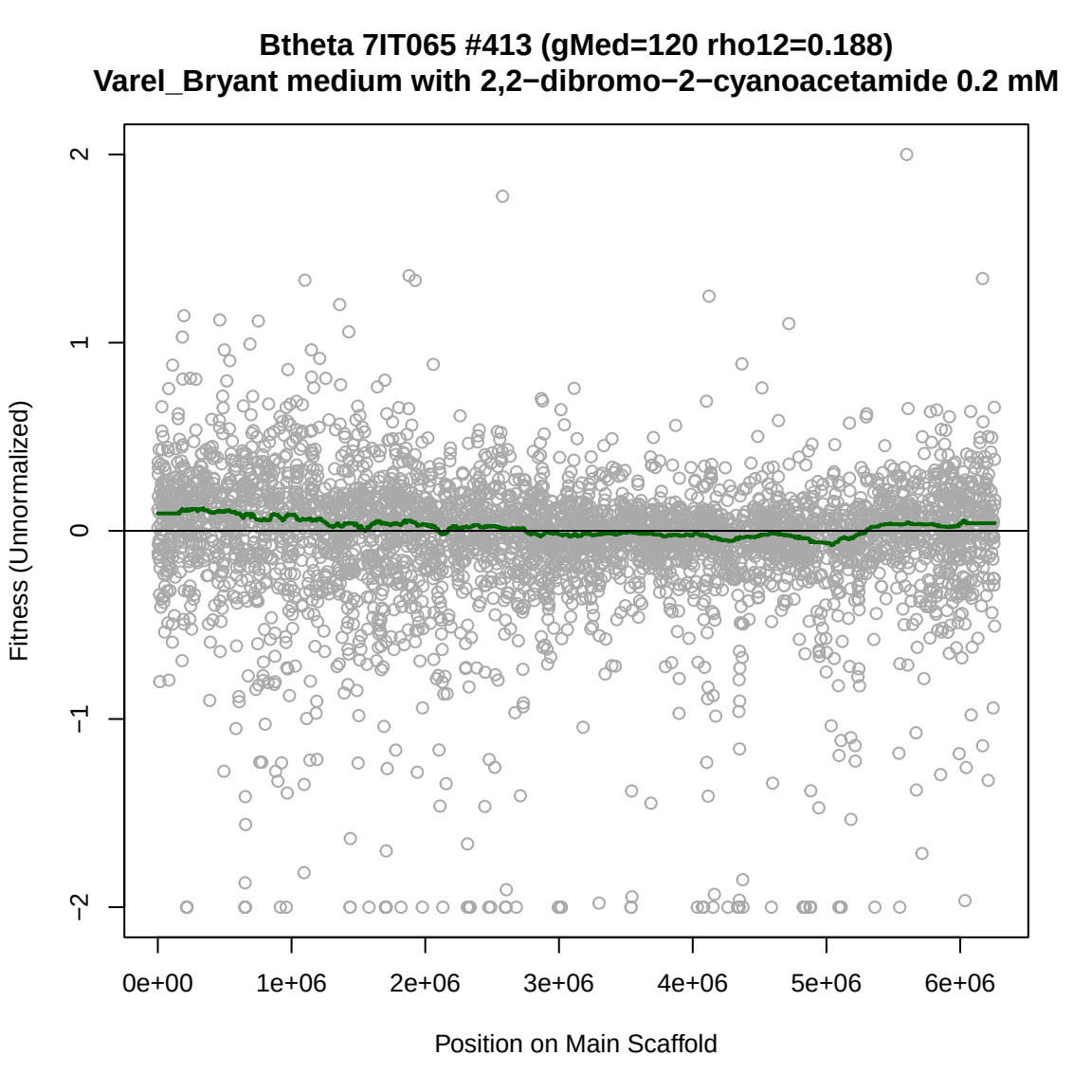

Btheta 7IT060 #408 (gMed=109 rho12=0.147)
Varel_Bryant medium with Benzethonium chloride 0.003 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

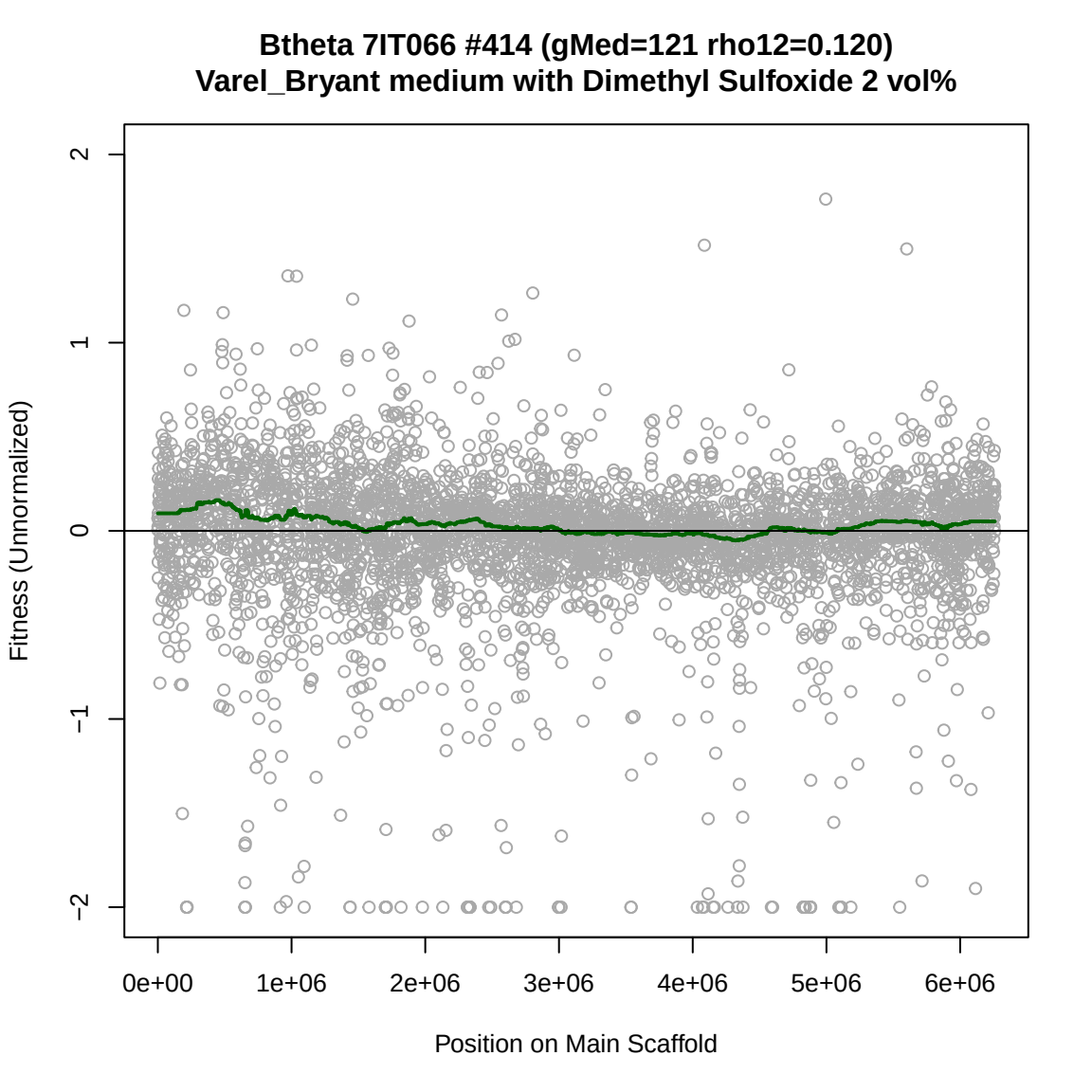

Btheta 7IT061 #409 (gMed=129 rho12=0.122)
Varel_Bryant medium with Dibucaine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

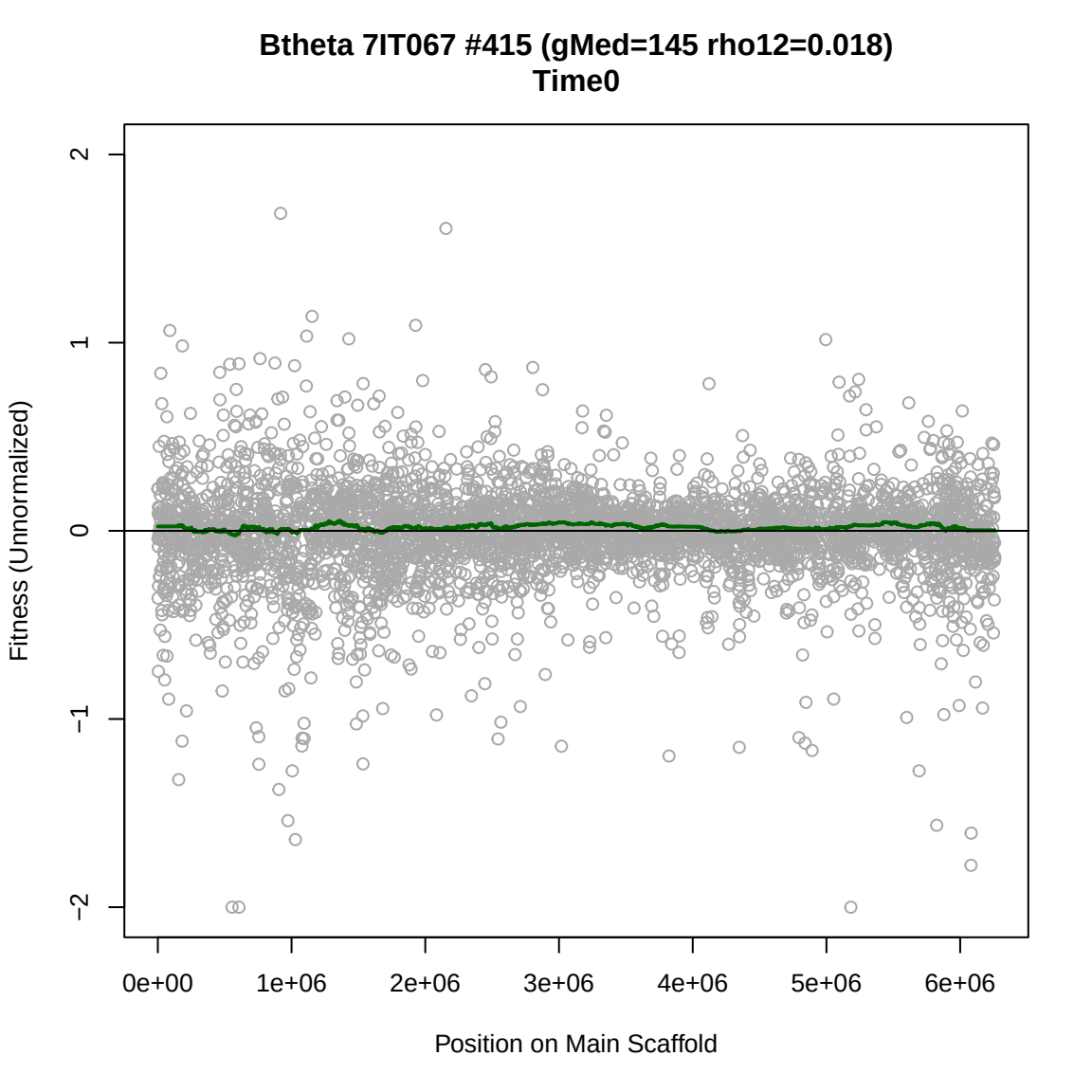

Btheta 7IT062 #410 (gMed=119 rho12=0.110)
Varel_Bryant medium with Dibucaine 0.15 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

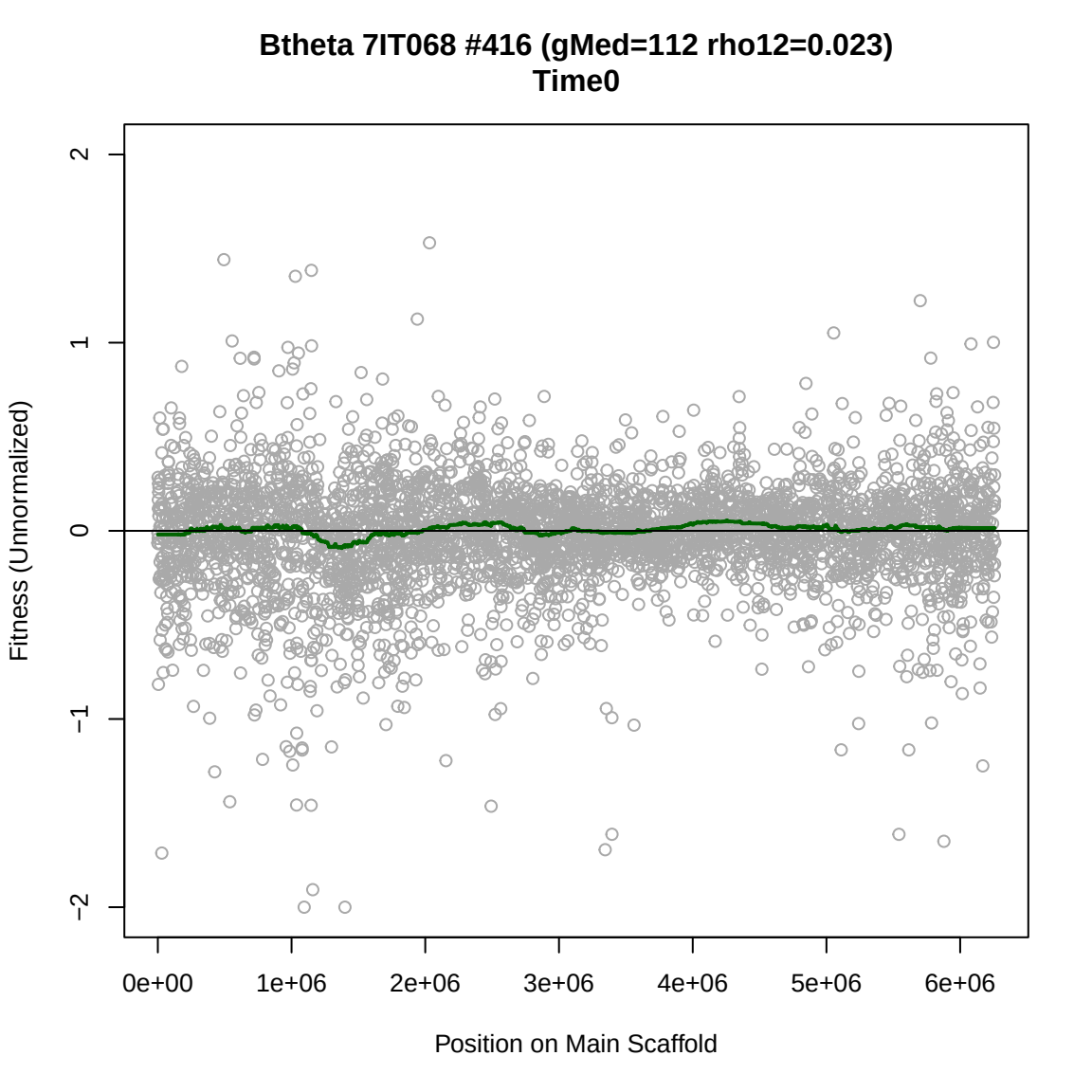

Btheta 7IT063 #411 (gMed=111 rho12=0.147)
Varel_Bryant medium with Tetrazolium violet 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

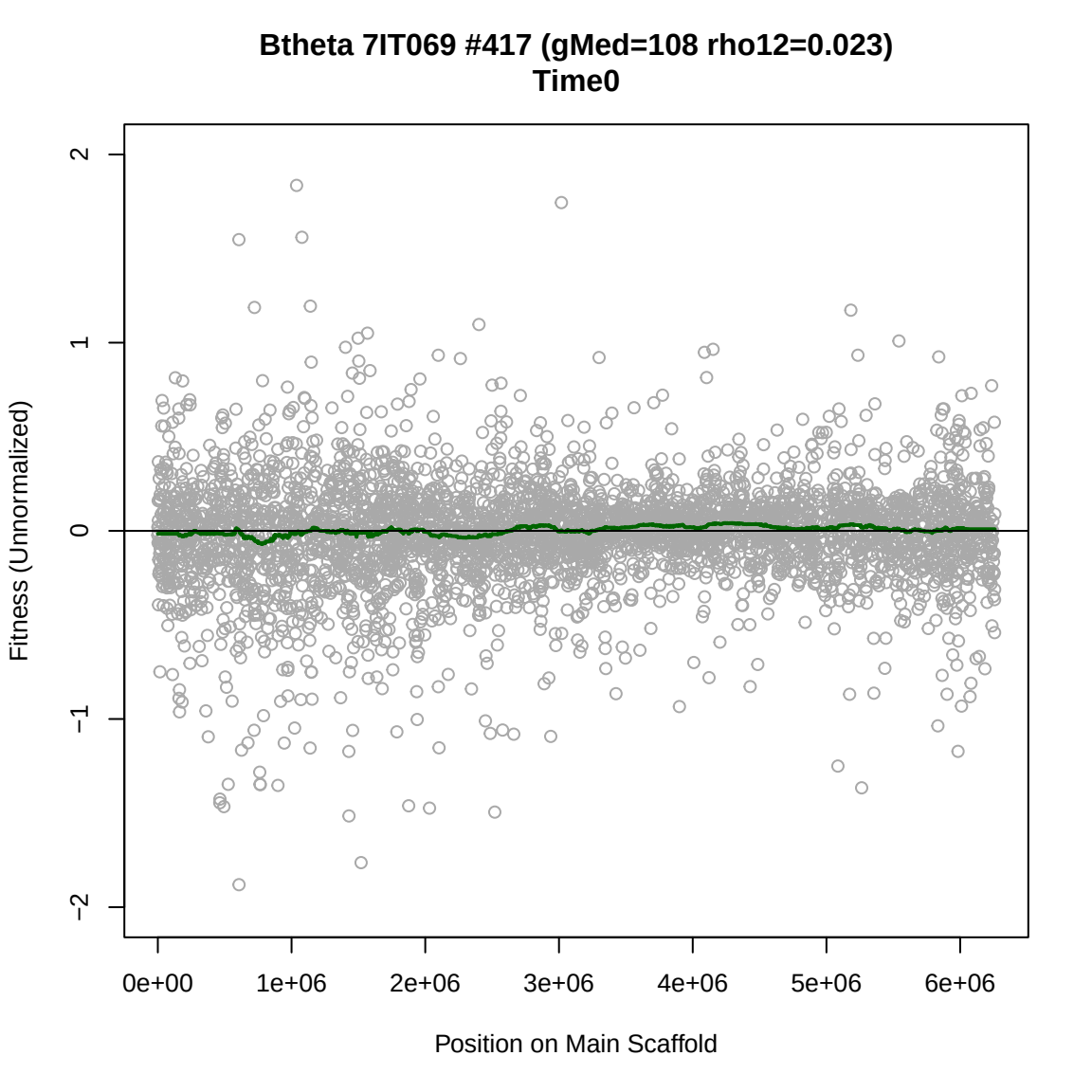

Btheta 7IT064 #412 (gMed=126 rho12=0.180)
Varel_Bryant medium with Rotenone 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

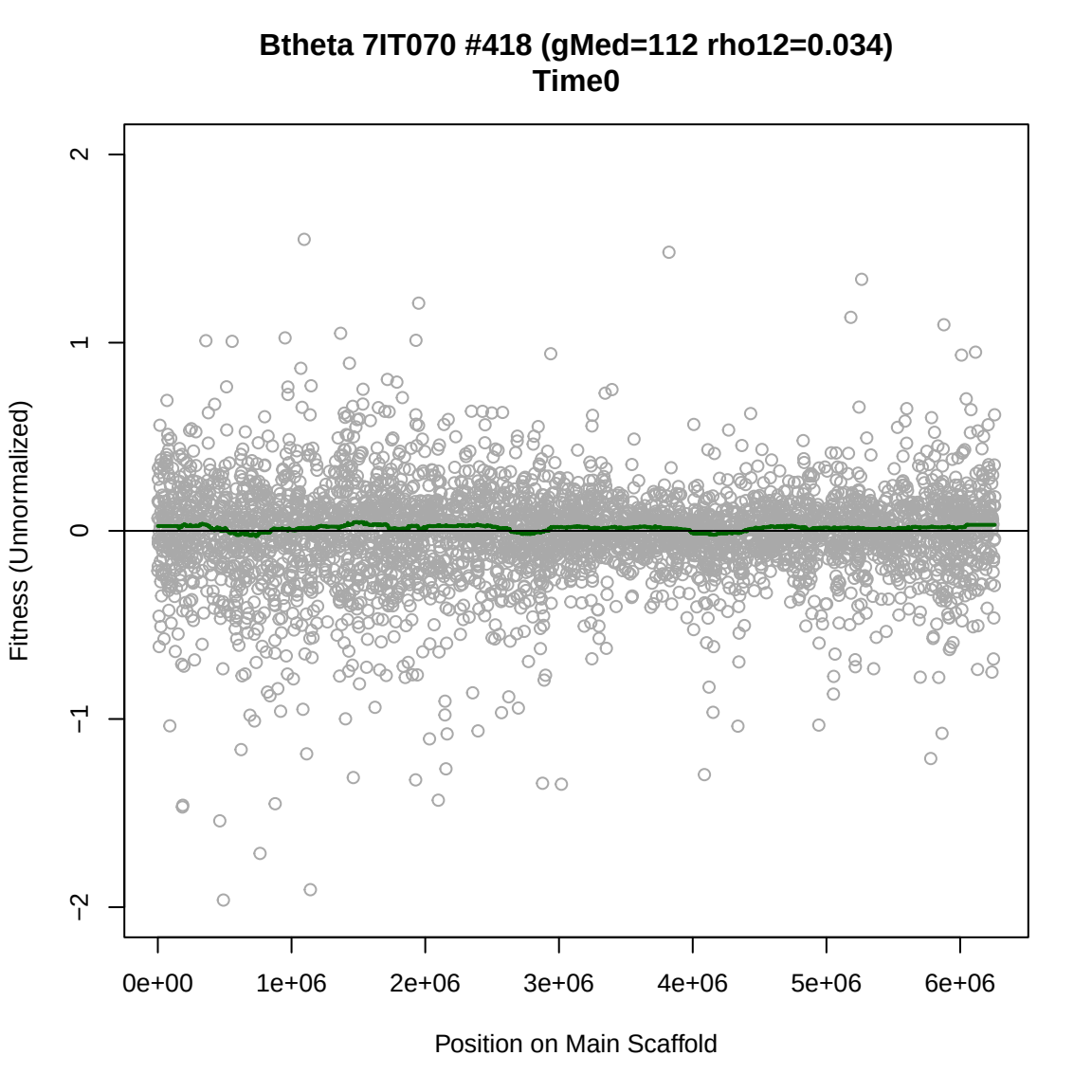

Btheta 7IT065 #413 (gMed=120 rho12=0.188)
Varel_Bryant medium with 2,2−dibromo−2−cyanoacetamide 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

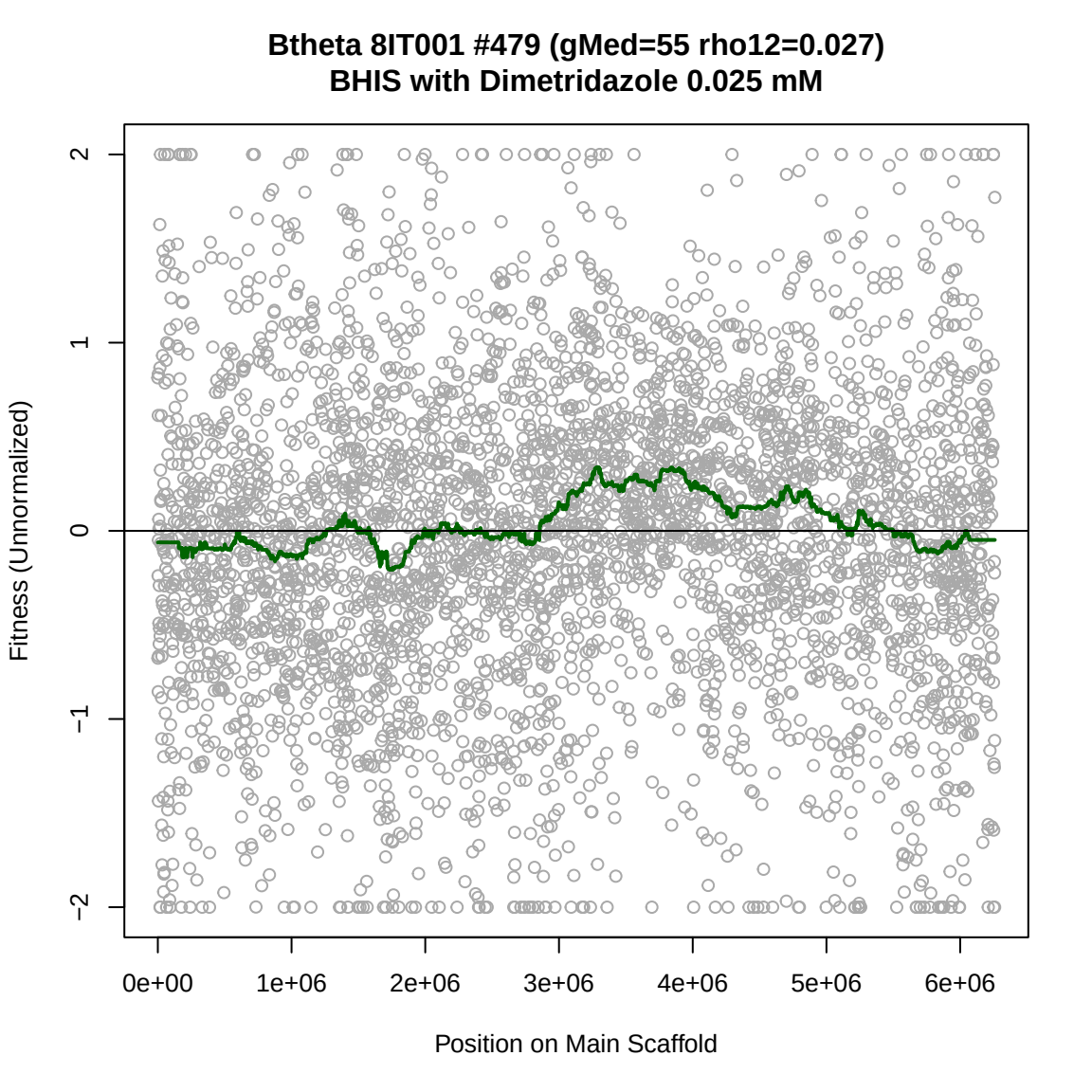

Btheta 7IT066 #414 (gMed=121 rho12=0.120)
Varel_Bryant medium with Dimethyl Sulfoxide 2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

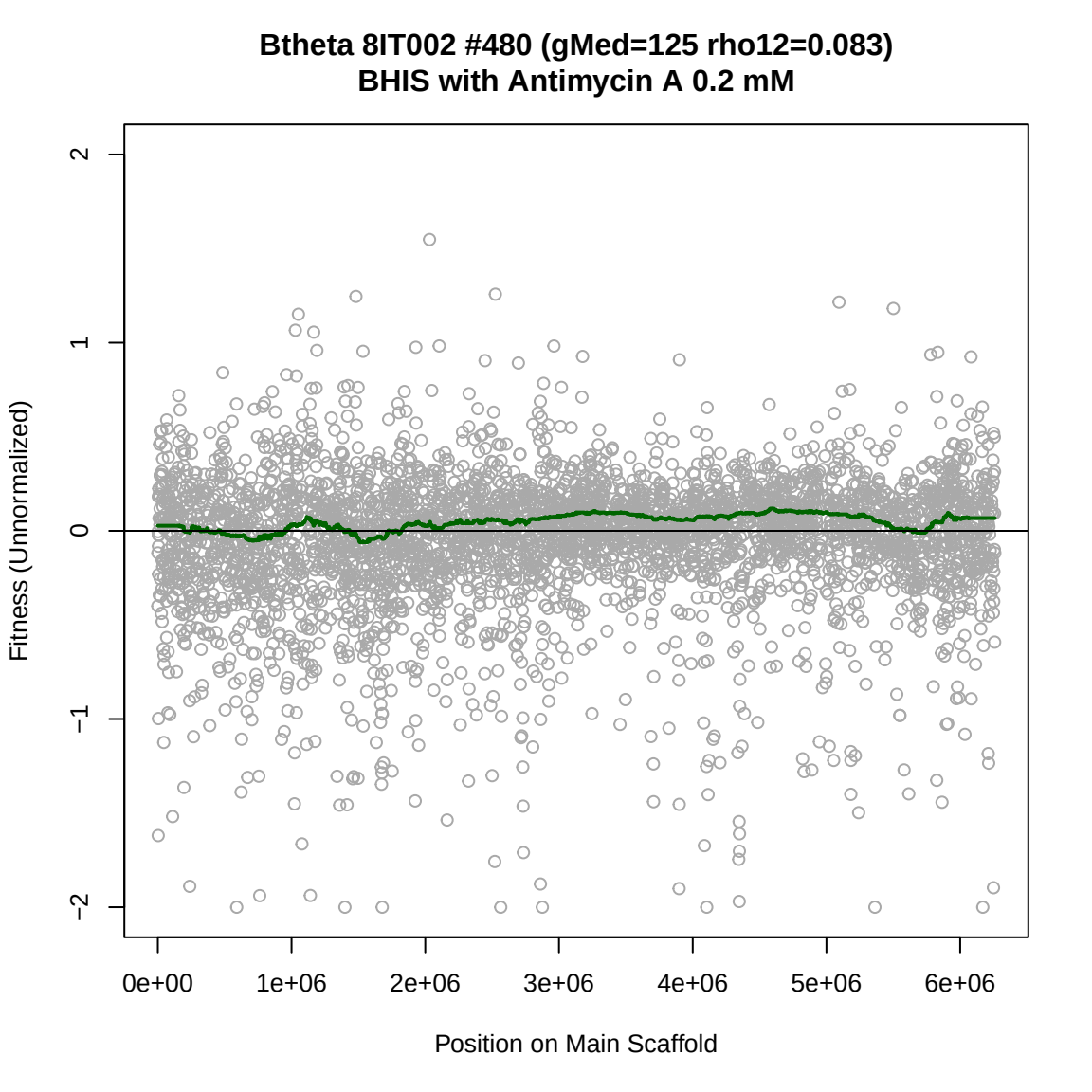

Btheta 7IT067 #415 (gMed=145 rho12=0.018)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

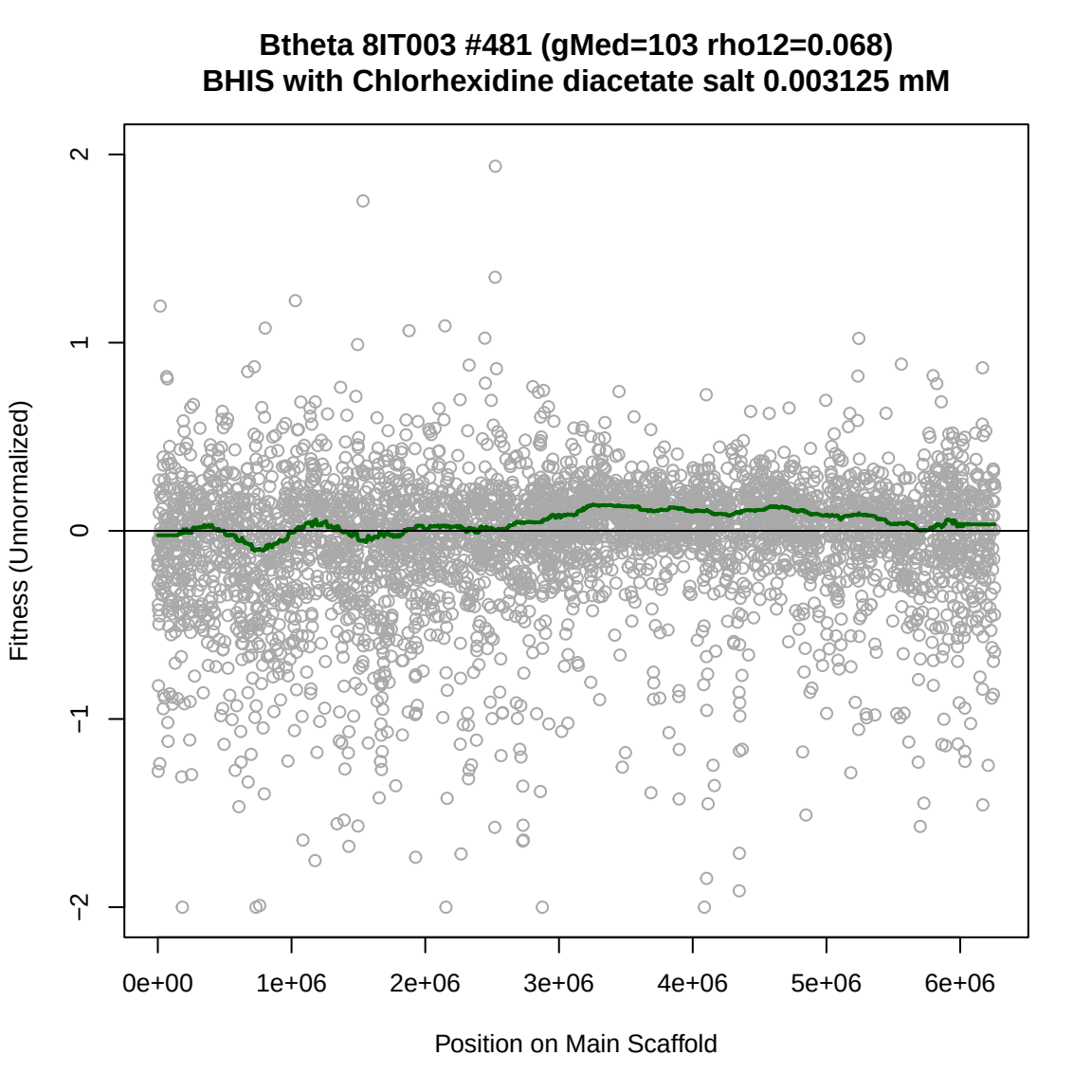

Btheta 7IT068 #416 (gMed=112 rho12=0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

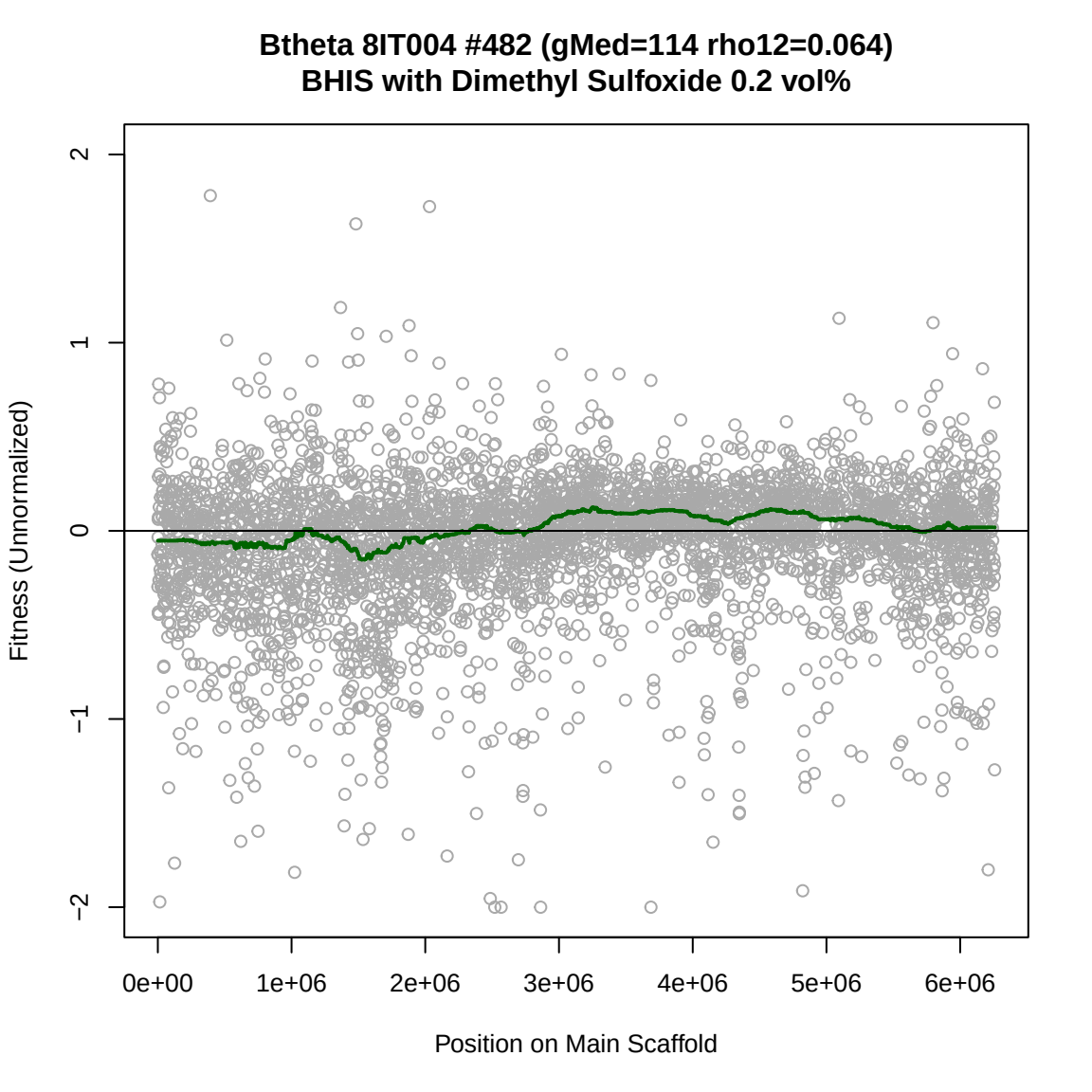

Btheta 7IT069 #417 (gMed=108 rho12=0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

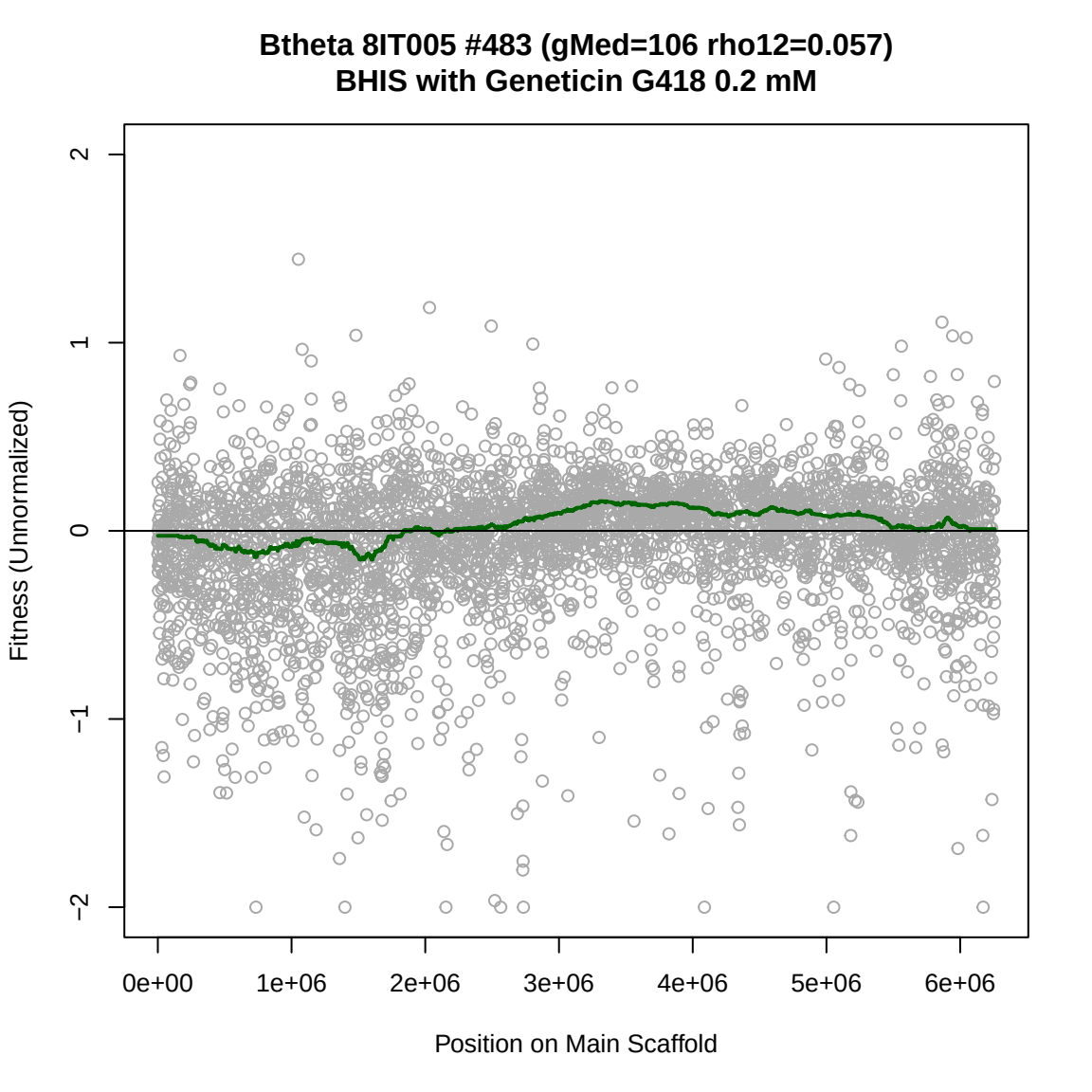

Btheta 7IT070 #418 (gMed=112 rho12=0.034)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

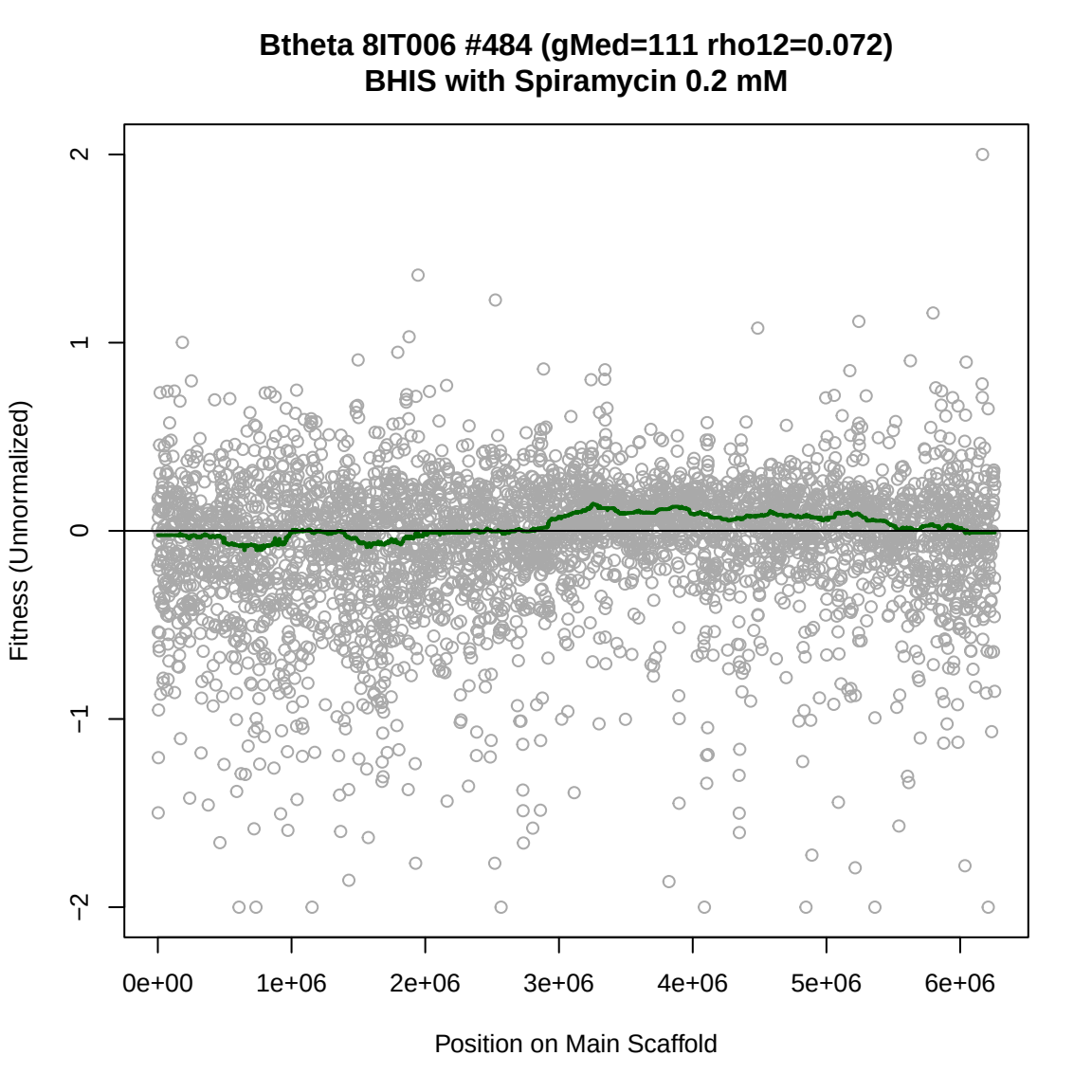

Btheta 8IT001 #479 (gMed=55 rho12=0.027)
BHIS with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

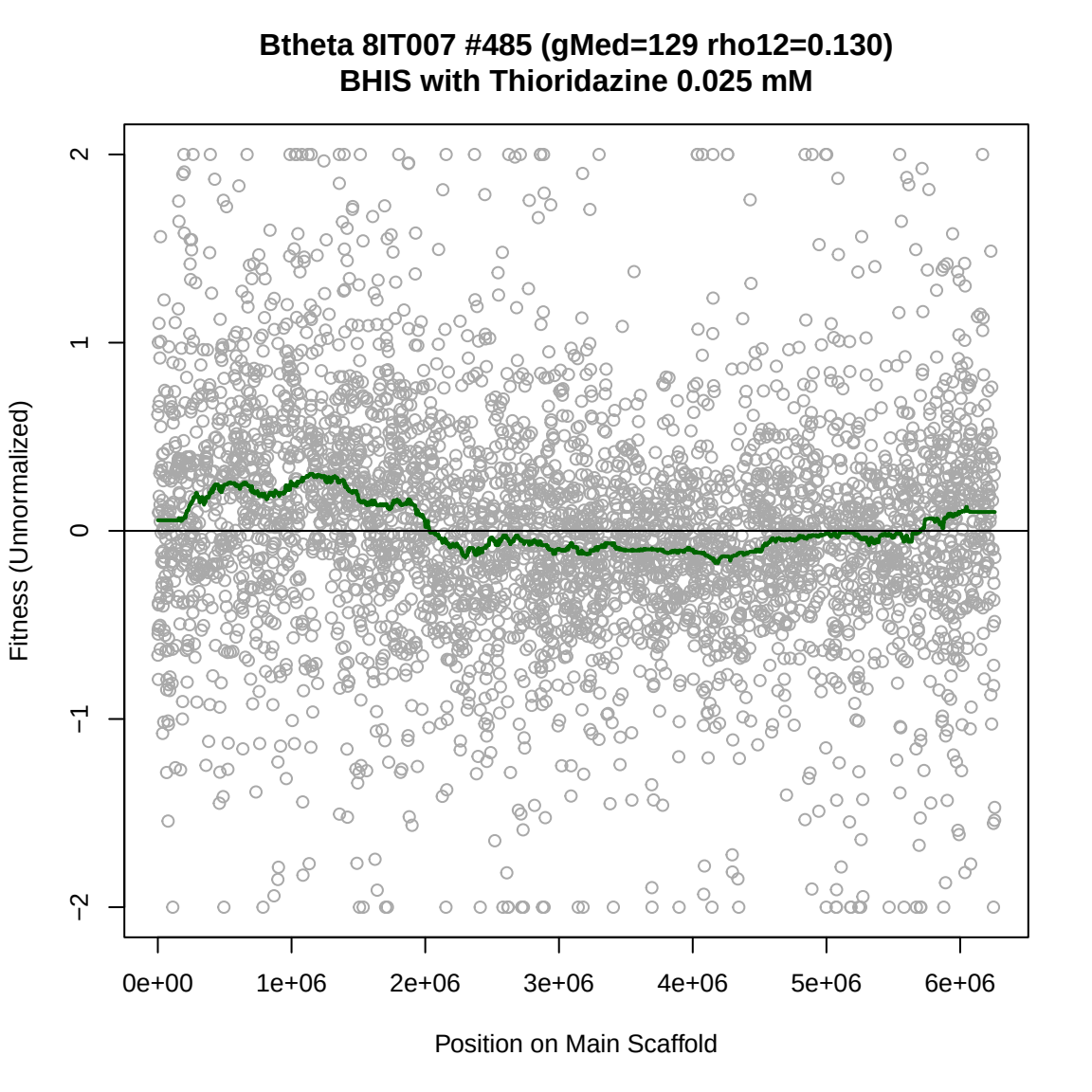

Btheta 8IT002 #480 (gMed=125 rho12=0.083)
BHIS with Antimycin A 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

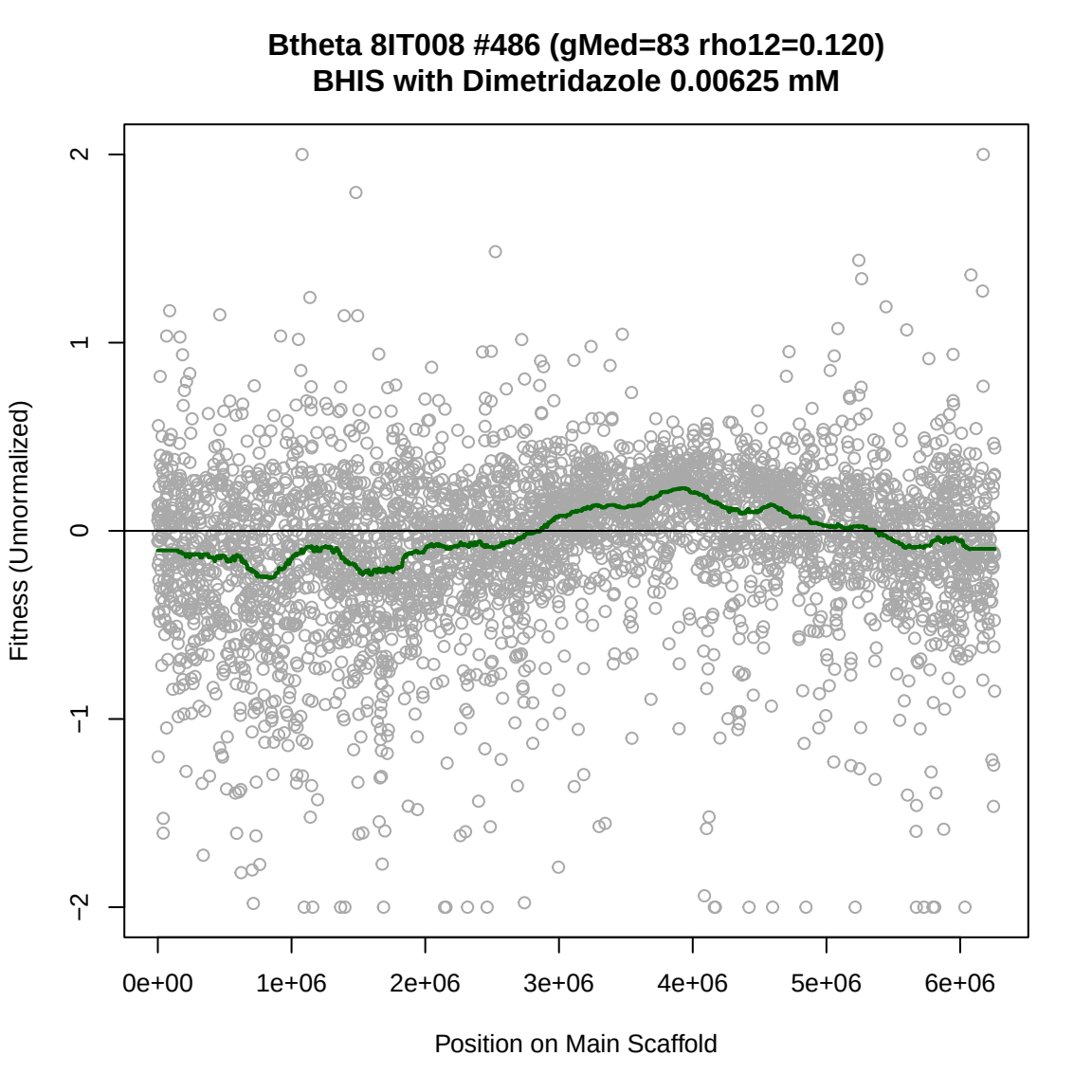

Btheta 8IT003 #481 (gMed=103 rho12=0.068)
BHIS with Chlorhexidine diacetate salt 0.003125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

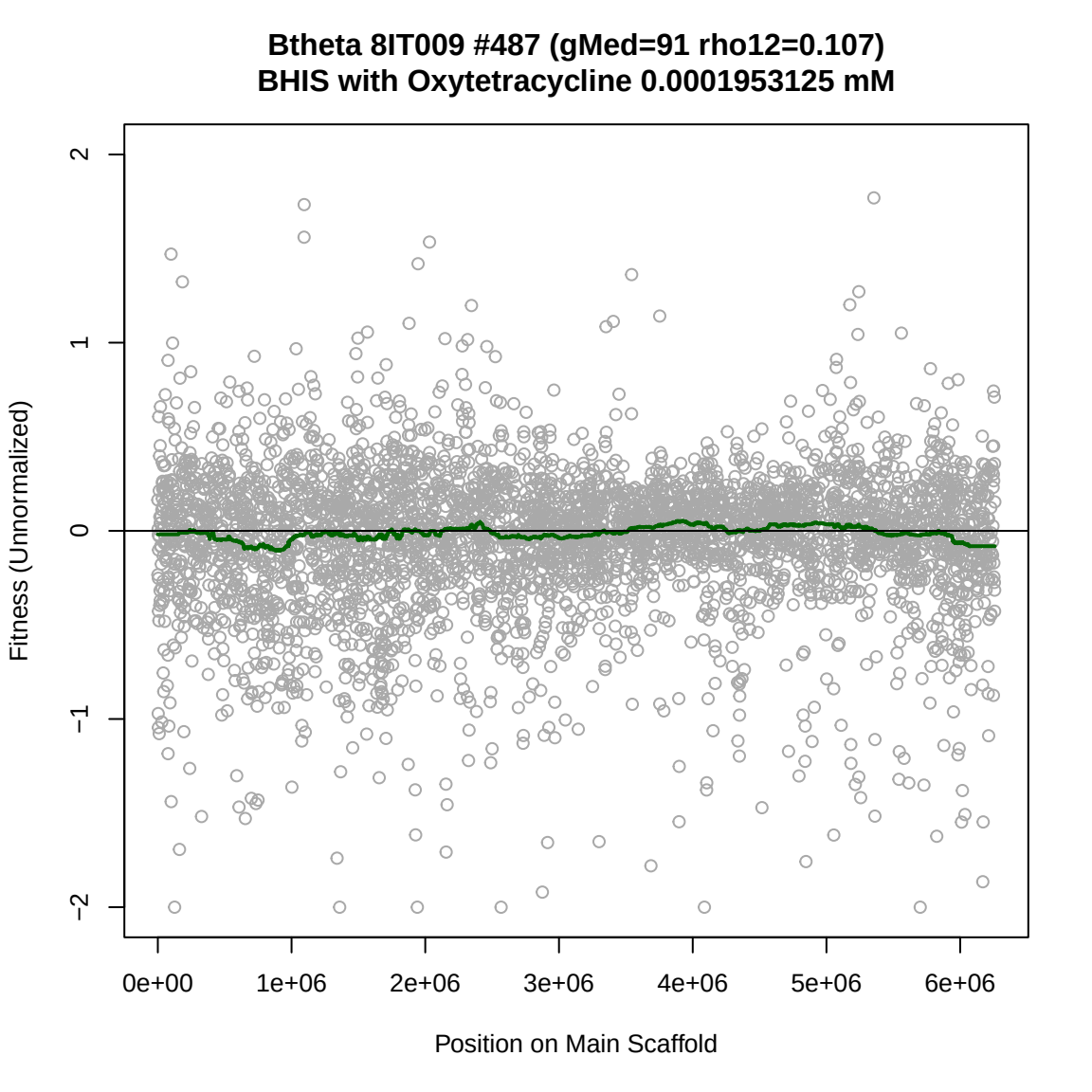

Btheta 8IT004 #482 (gMed=114 rho12=0.064)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

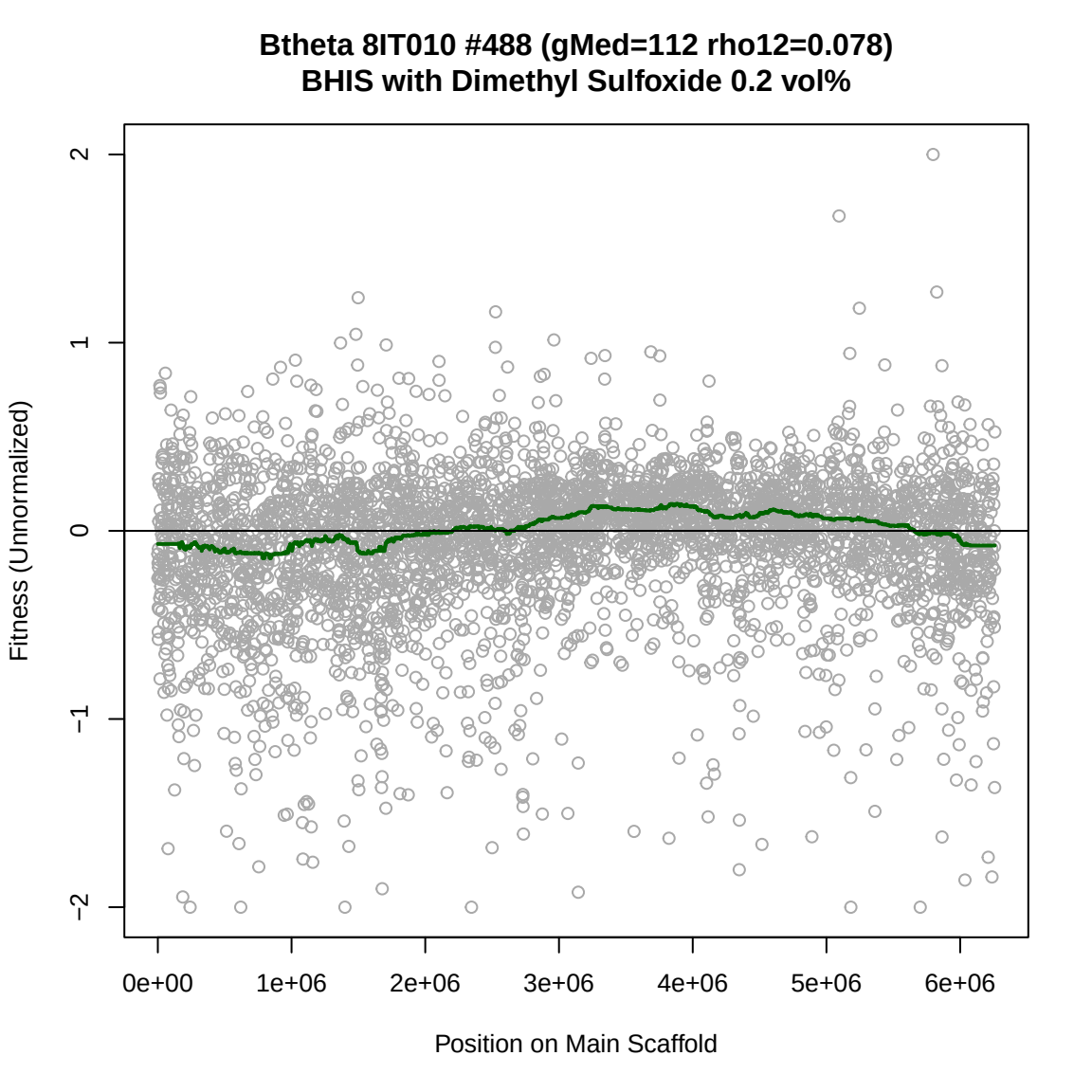

Btheta 8IT005 #483 (gMed=106 rho12=0.057)
BHIS with Geneticin G418 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

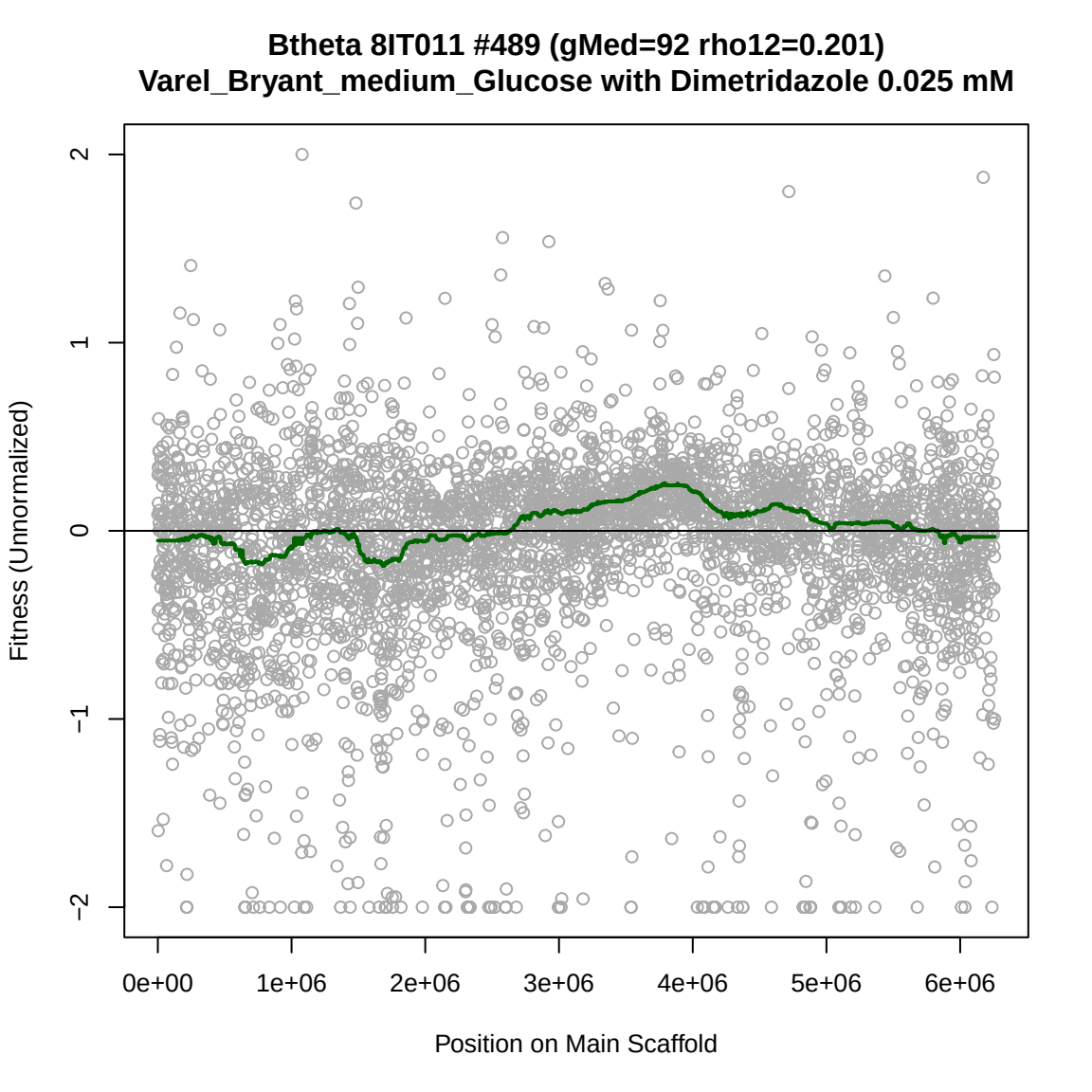

Btheta 8IT006 #484 (gMed=111 rho12=0.072)
BHIS with Spiramycin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

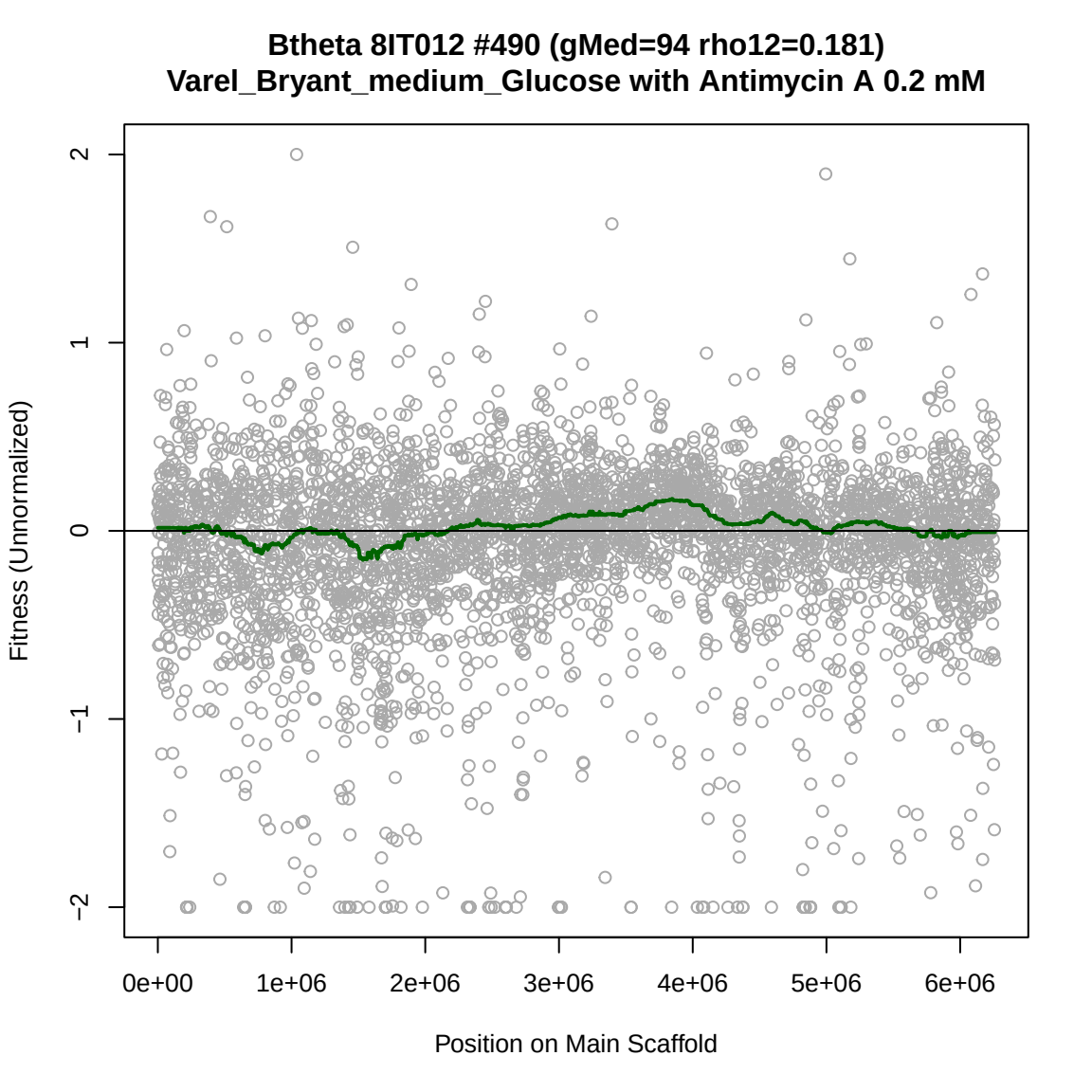

Btheta 8IT007 #485 (gMed=129 rho12=0.130)
BHIS with Thioridazine 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

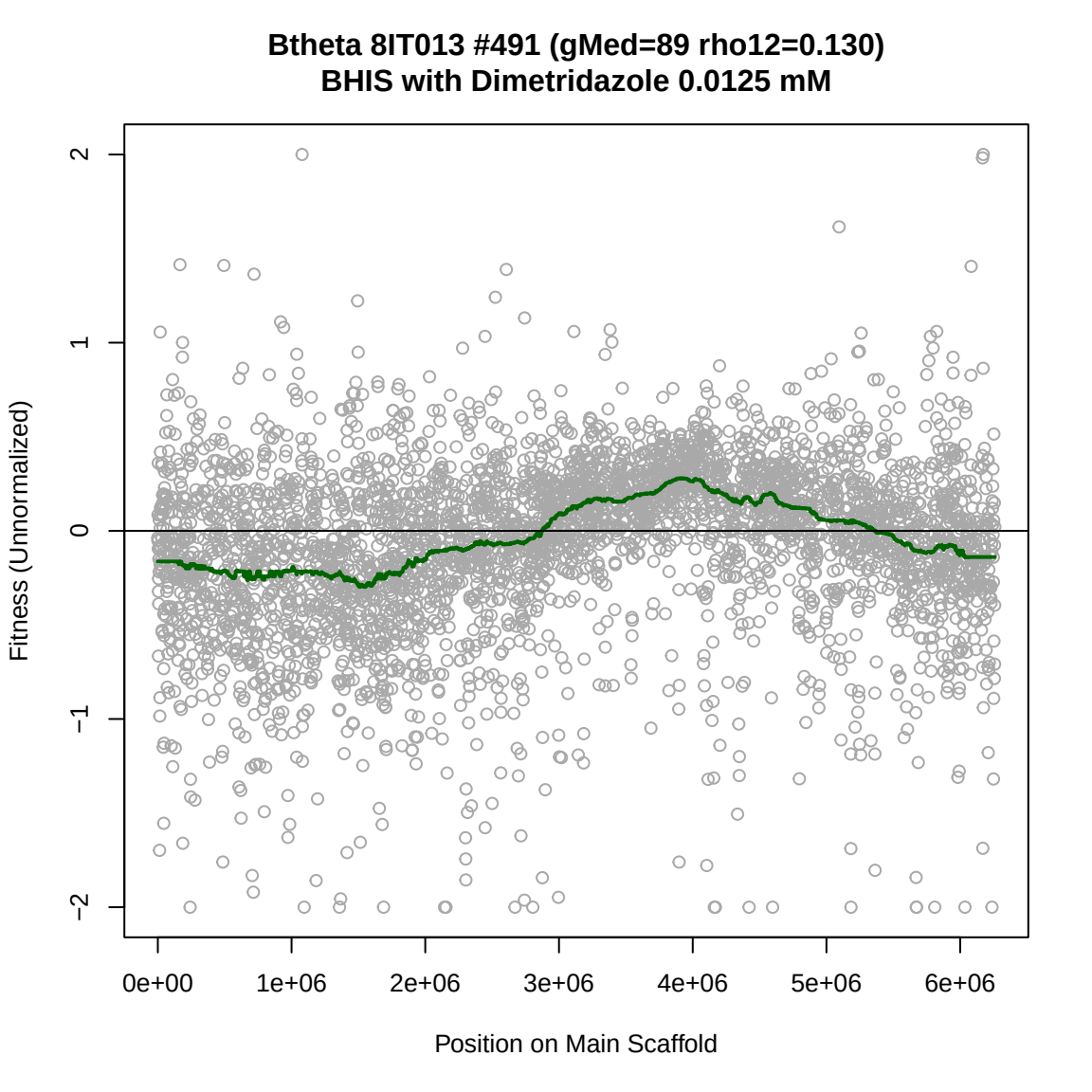

Btheta 8IT008 #486 (gMed=83 rho12=0.120)
BHIS with Dimetridazole 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

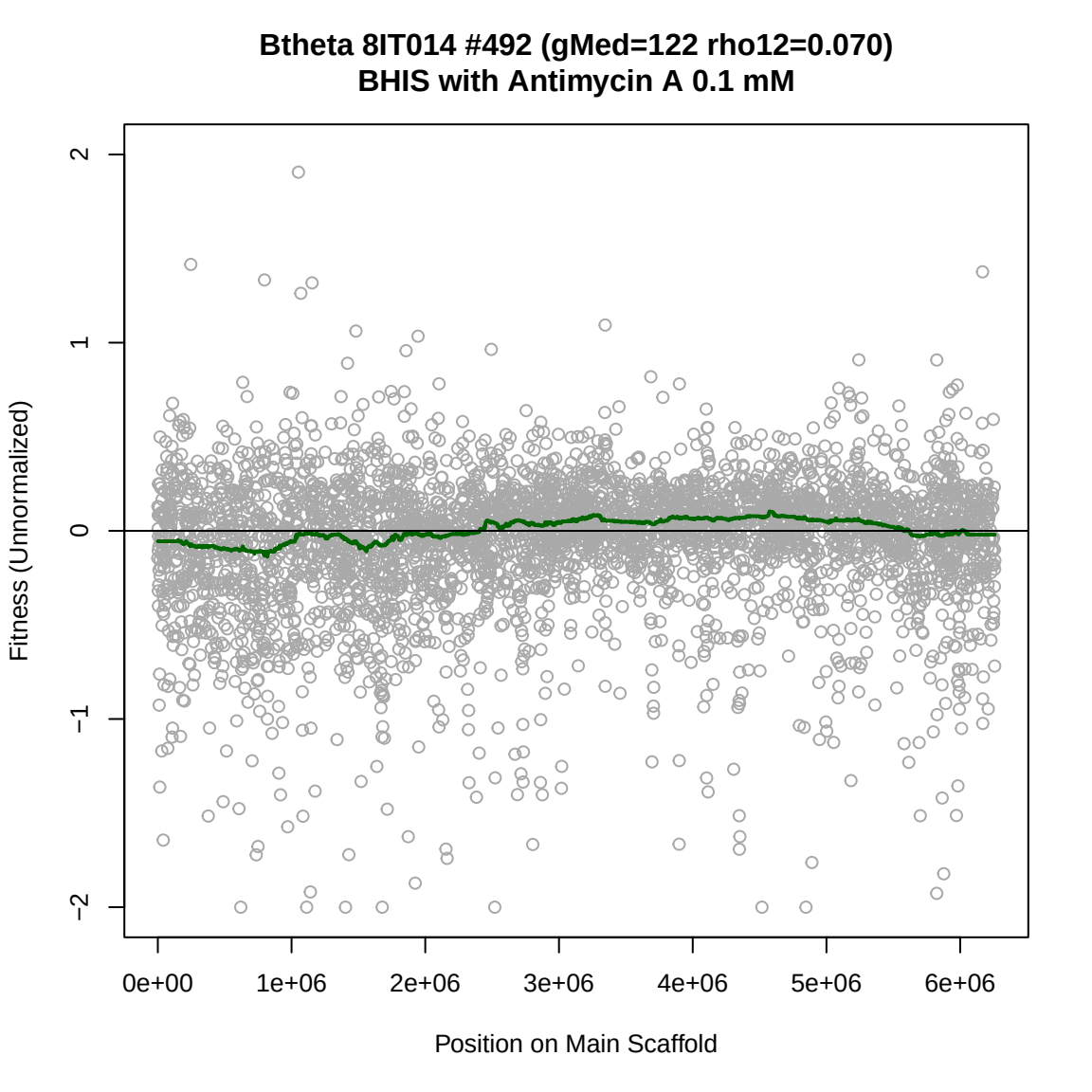

Btheta 8IT009 #487 (gMed=91 rho12=0.107)
BHIS with Oxytetracycline 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

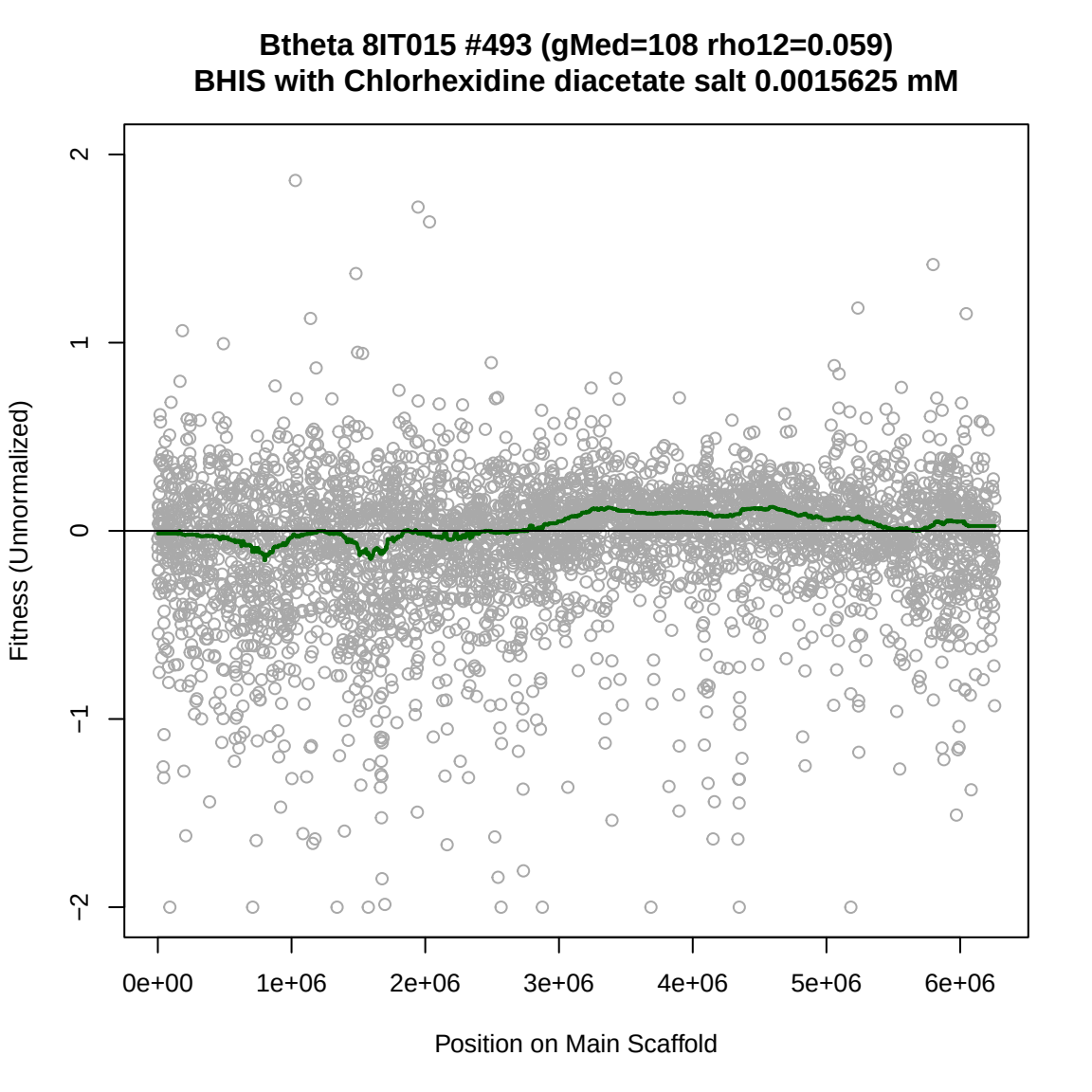

Btheta 8IT010 #488 (gMed=112 rho12=0.078)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

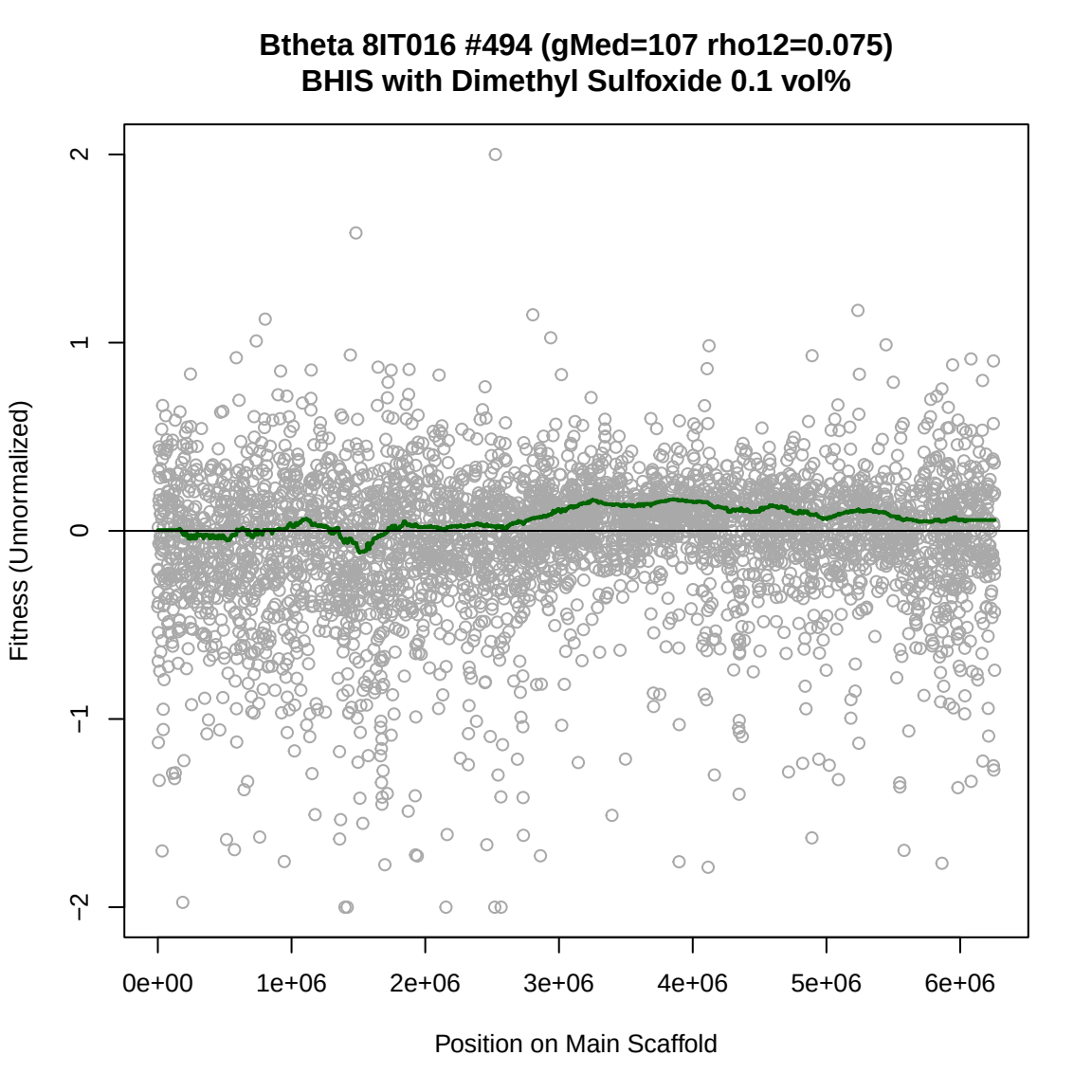

Btheta 8IT011 #489 (gMed=92 rho12=0.201)
Varel_Bryant_medium_Glucose with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

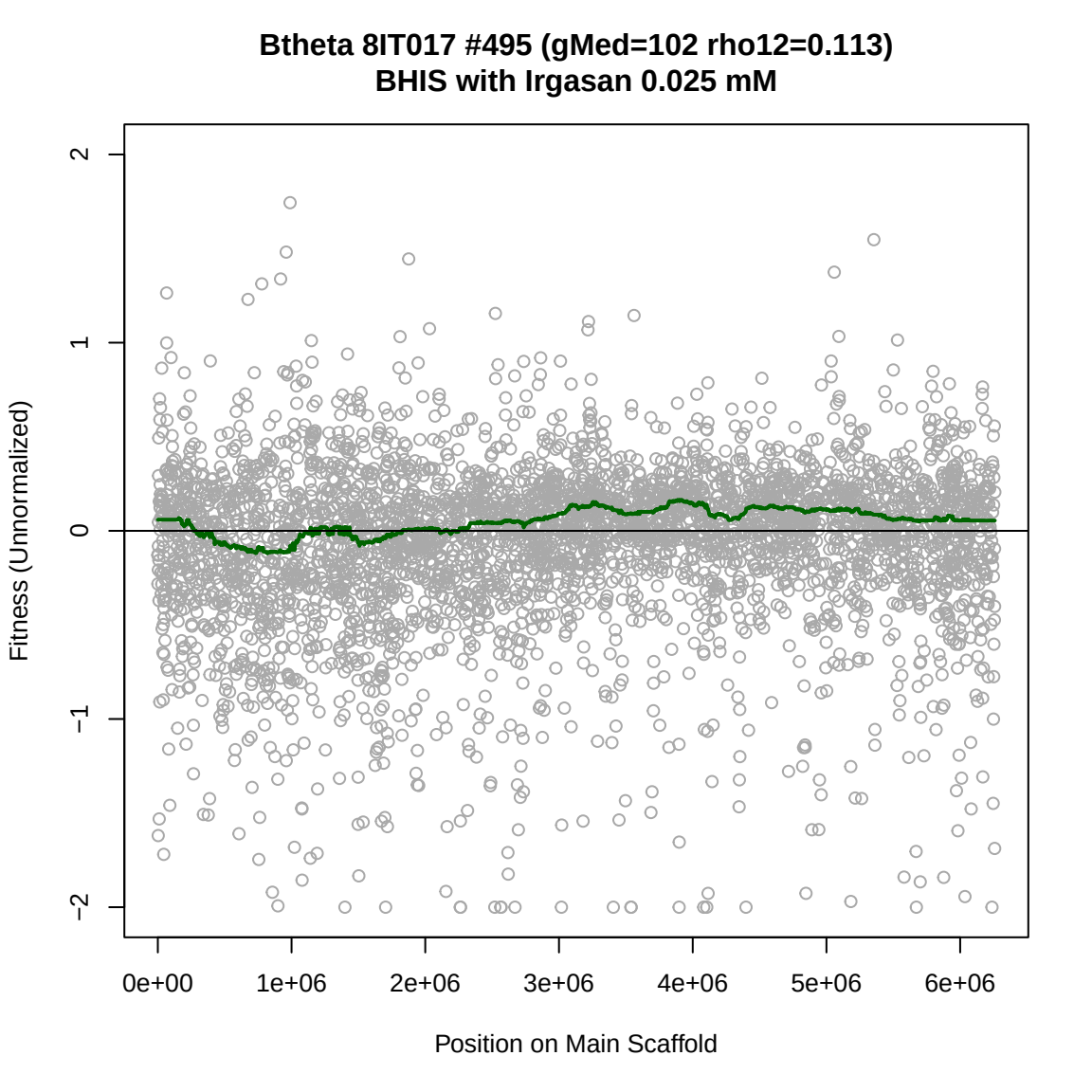

Btheta 8IT012 #490 (gMed=94 rho12=0.181)
Varel_Bryant_medium_Glucose with Antimycin A 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

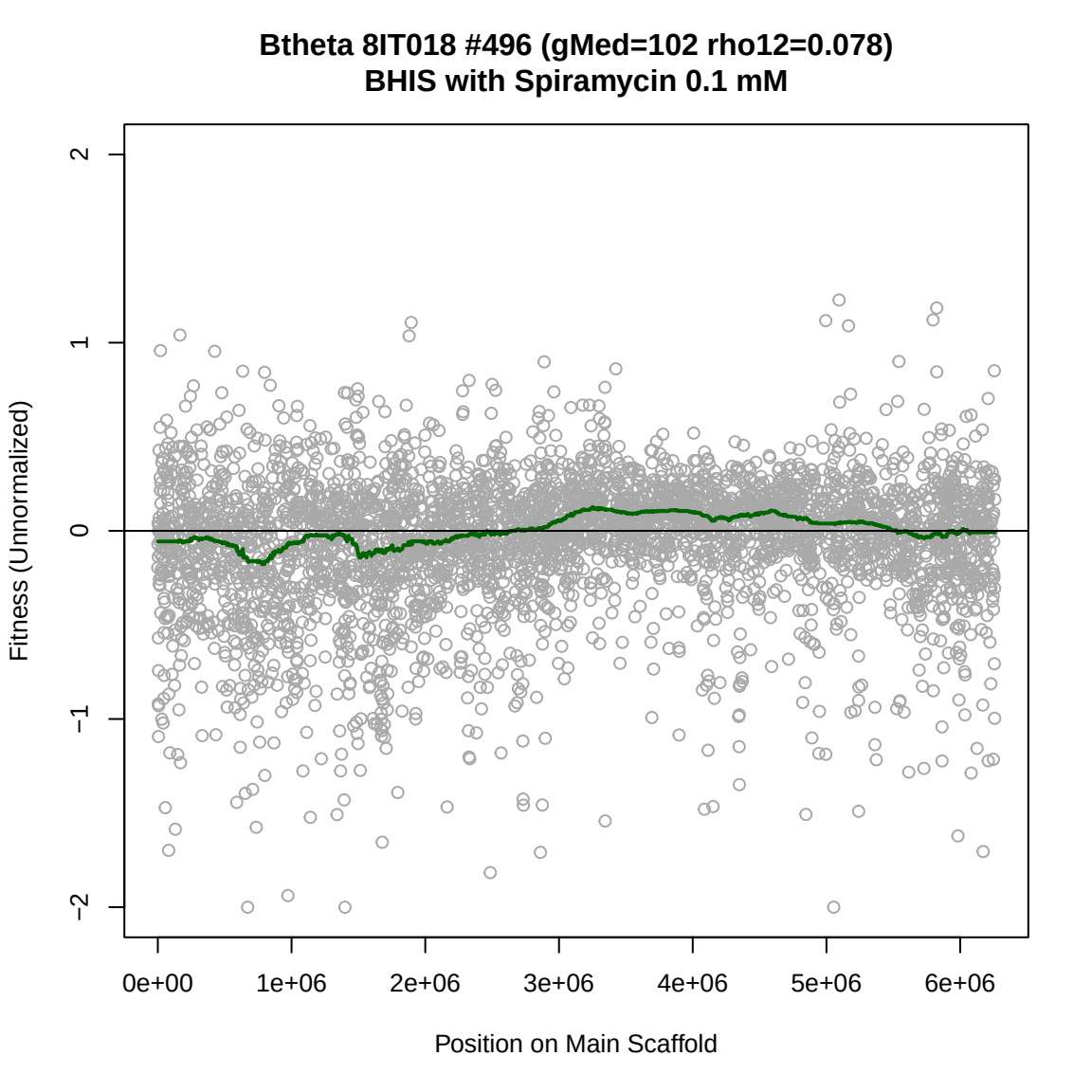

Btheta 8IT013 #491 (gMed=89 rho12=0.130)
BHIS with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

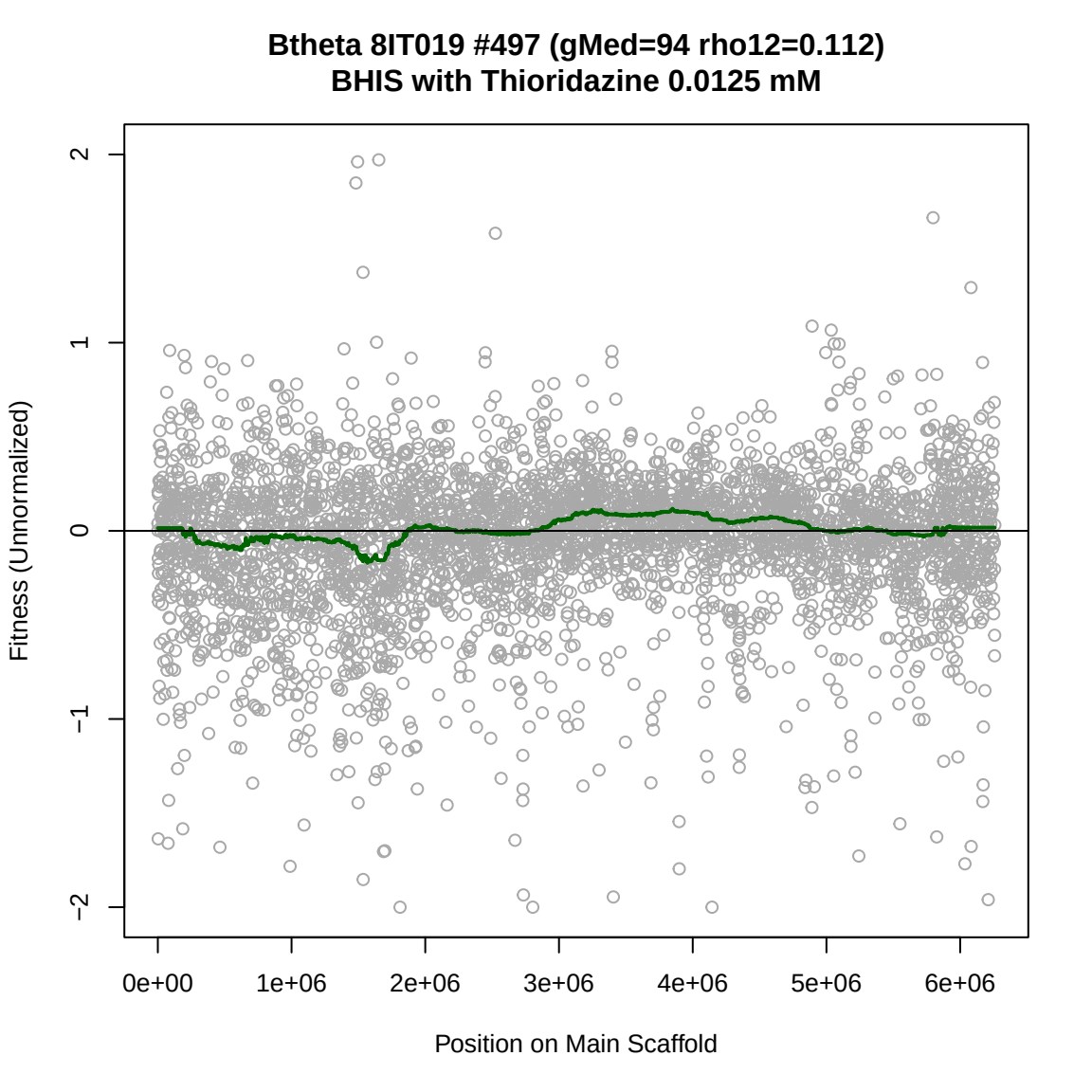

Btheta 8IT014 #492 (gMed=122 rho12=0.070)
BHIS with Antimycin A 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

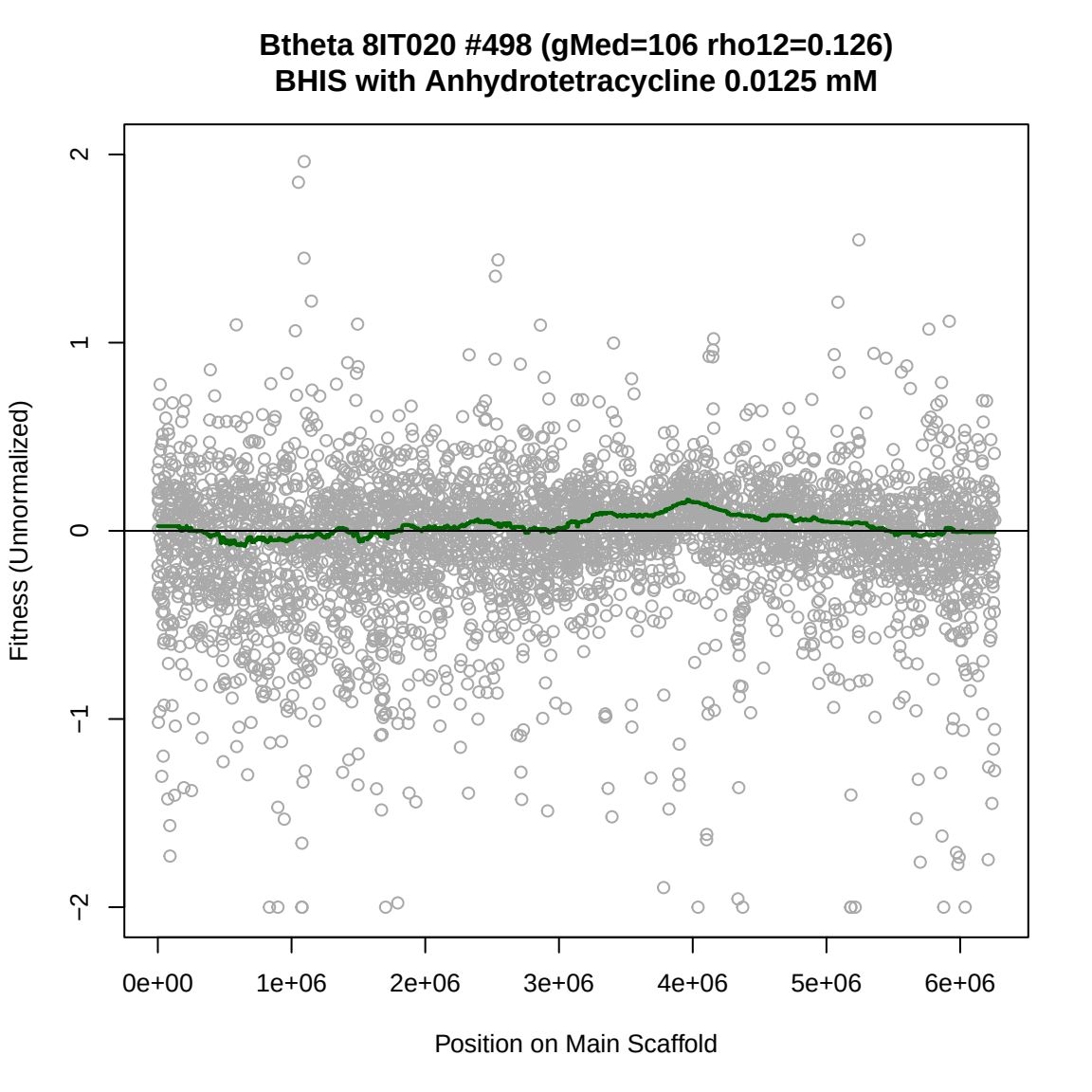

Btheta 8IT015 #493 (gMed=108 rho12=0.059)
BHIS with Chlorhexidine diacetate salt 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

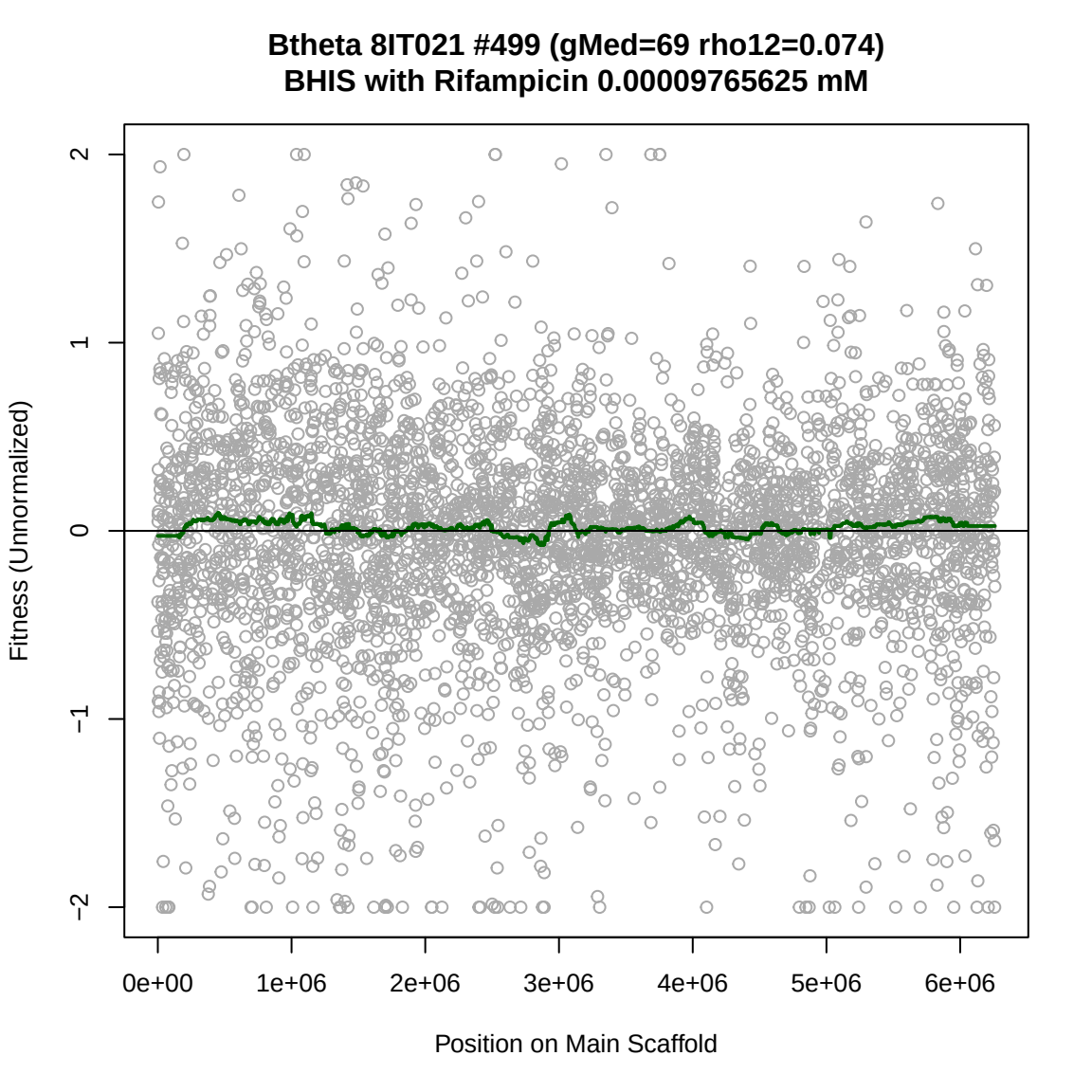

Btheta 8IT016 #494 (gMed=107 rho12=0.075)
BHIS with Dimethyl Sulfoxide 0.1 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

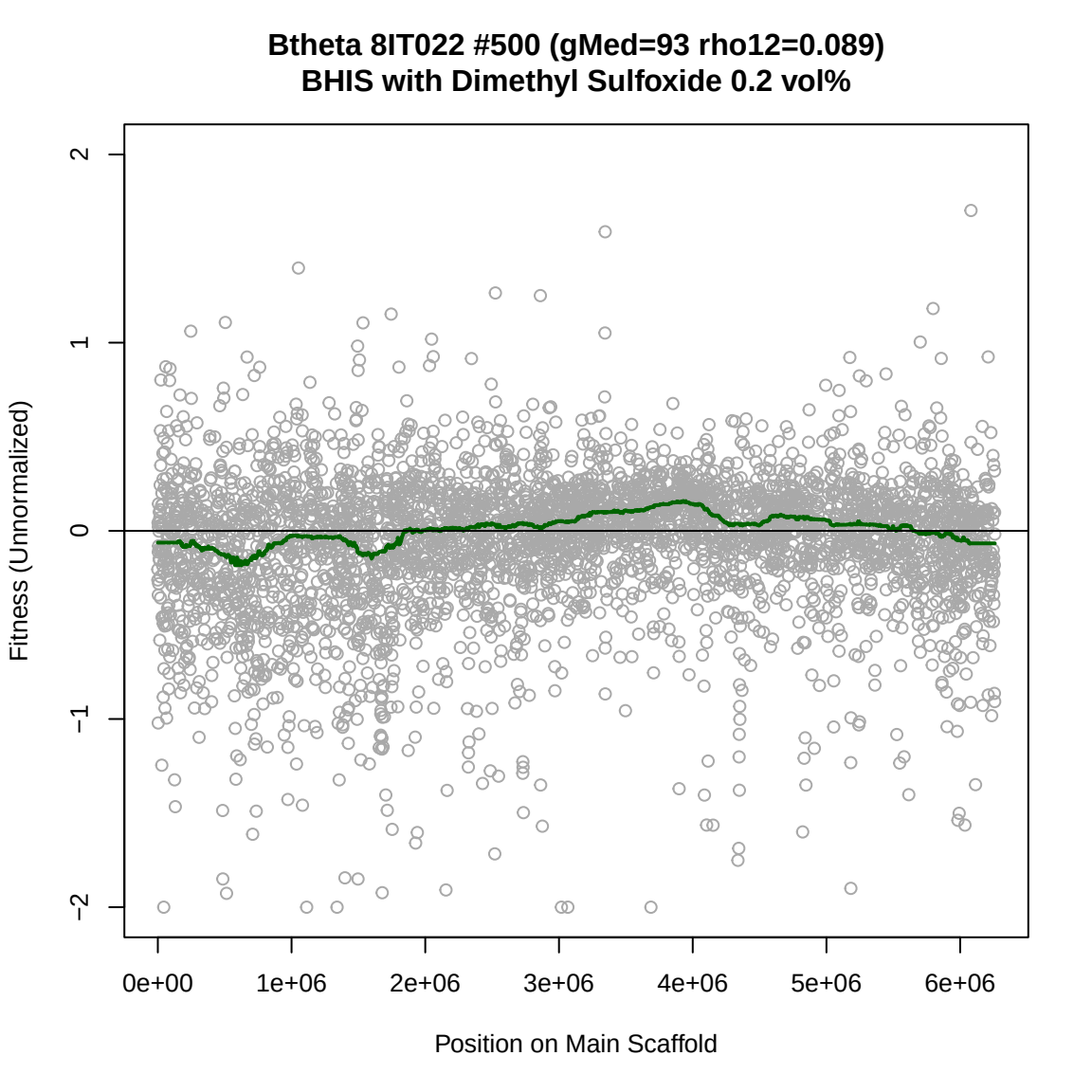

Btheta 8IT017 #495 (gMed=102 rho12=0.113)
BHIS with Irgasan 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

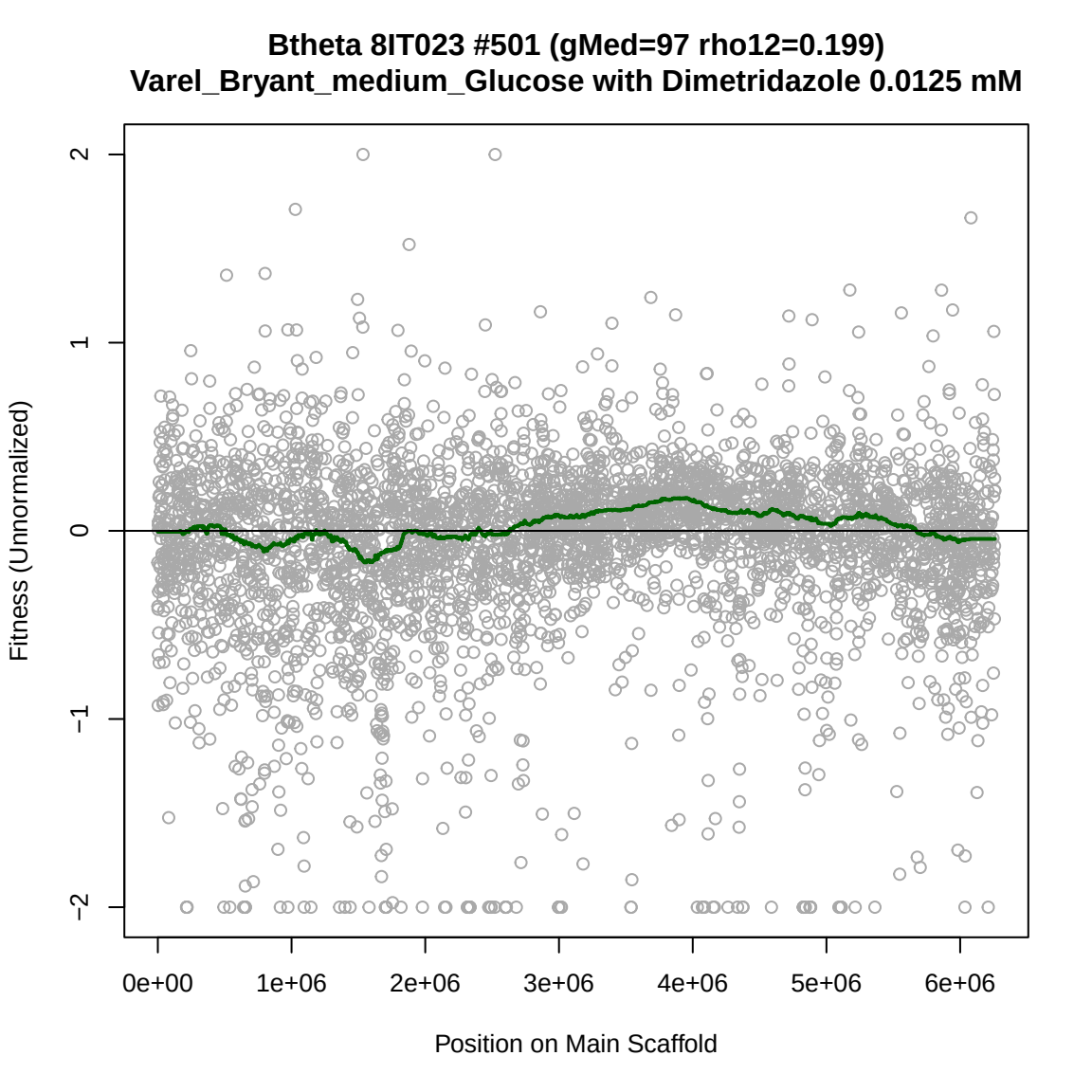

Btheta 8IT018 #496 (gMed=102 rho12=0.078)
BHIS with Spiramycin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

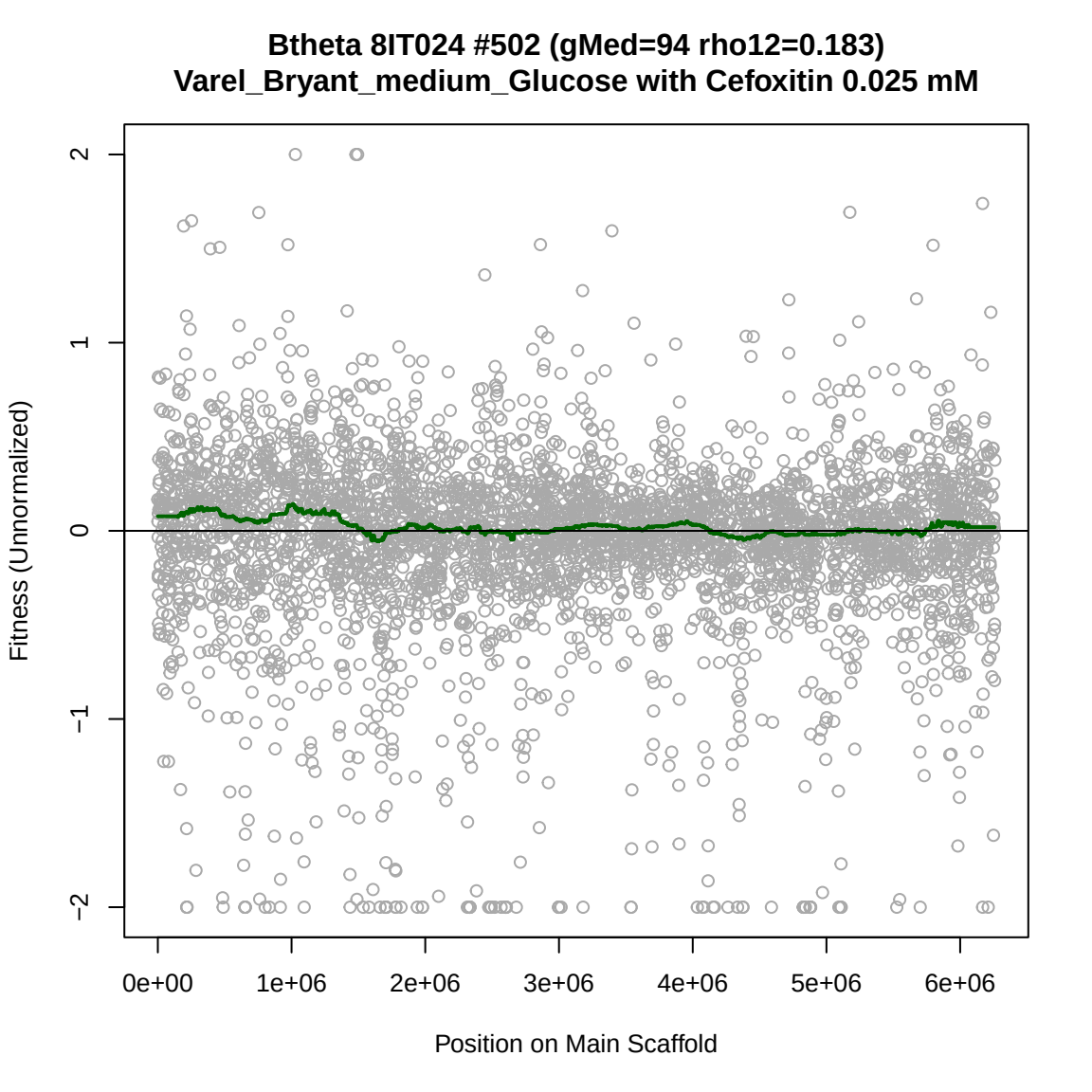

Btheta 8IT019 #497 (gMed=94 rho12=0.112)
BHIS with Thioridazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

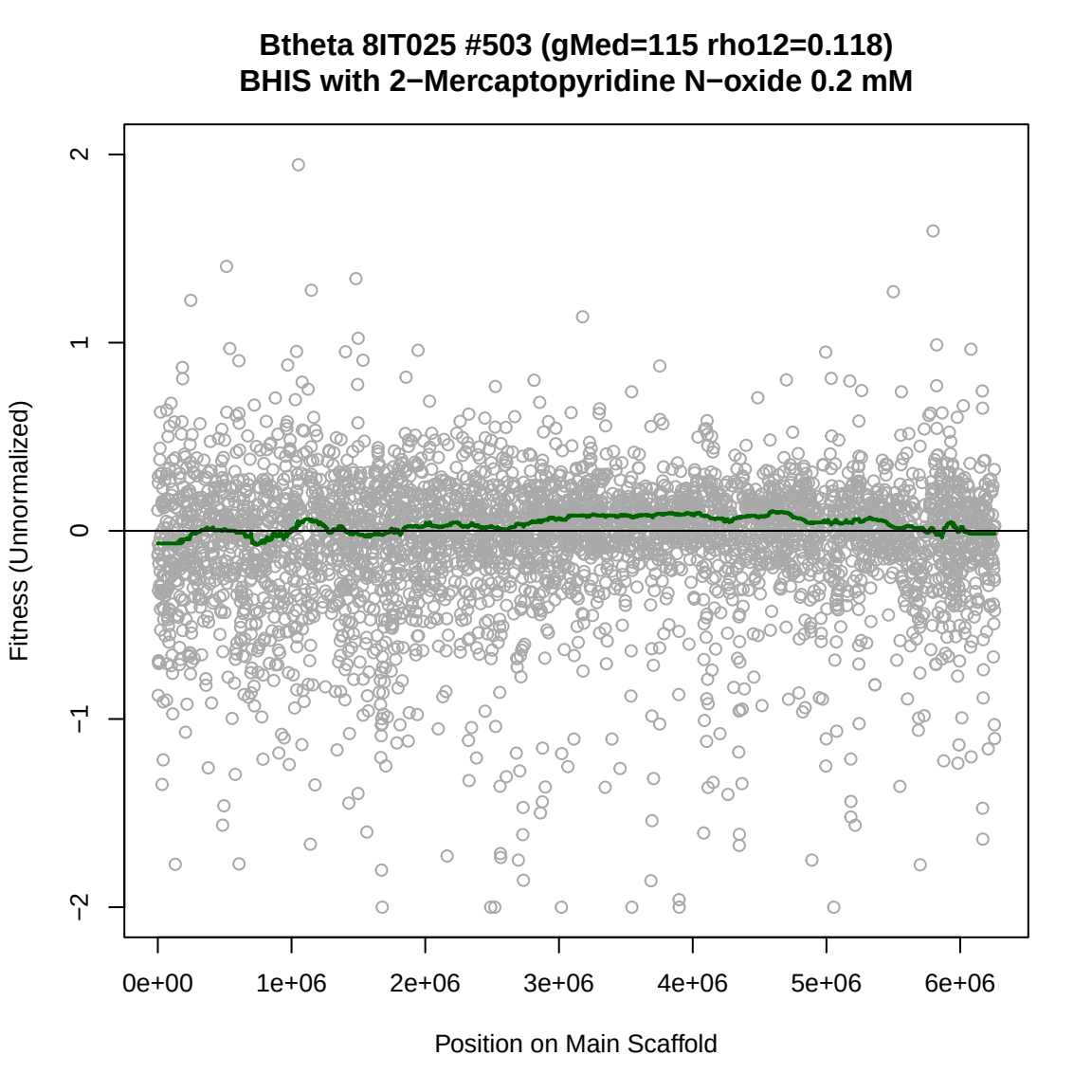

Btheta 8IT020 #498 (gMed=106 rho12=0.126)
BHIS with Anhydrotetracycline 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

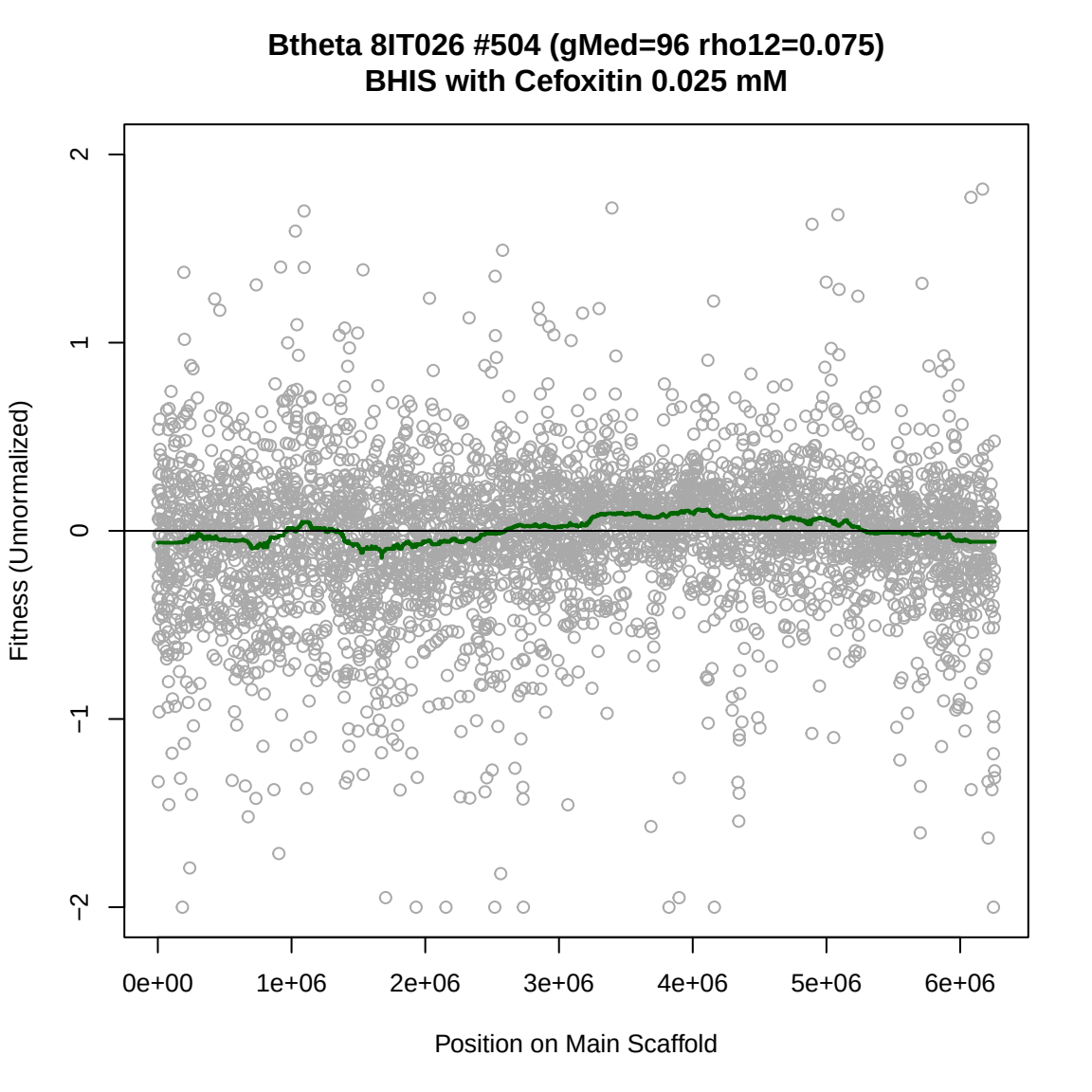

Btheta 8IT021 #499 (gMed=69 rho12=0.074)
BHIS with Rifampicin 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

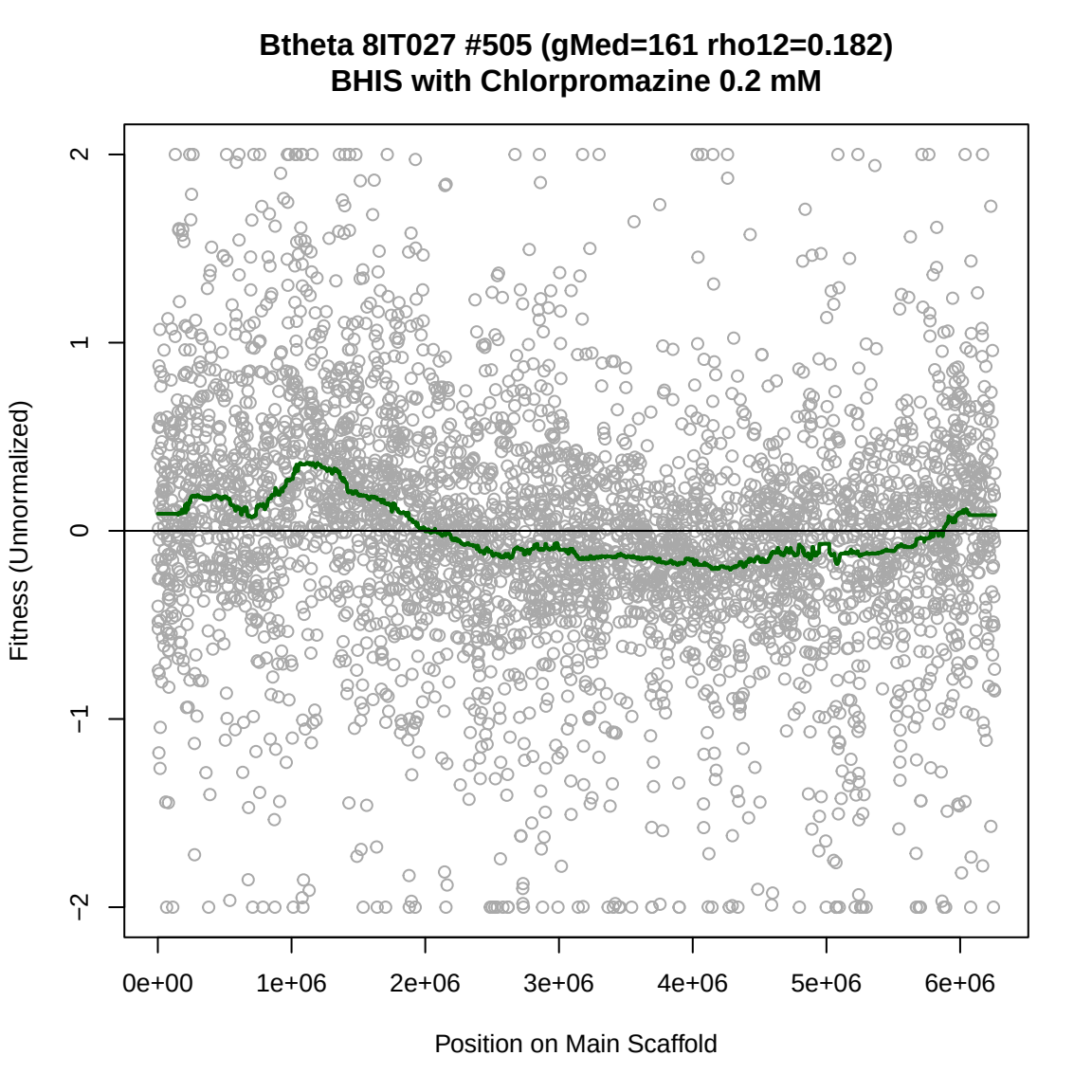

Btheta 8IT022 #500 (gMed=93 rho12=0.089)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

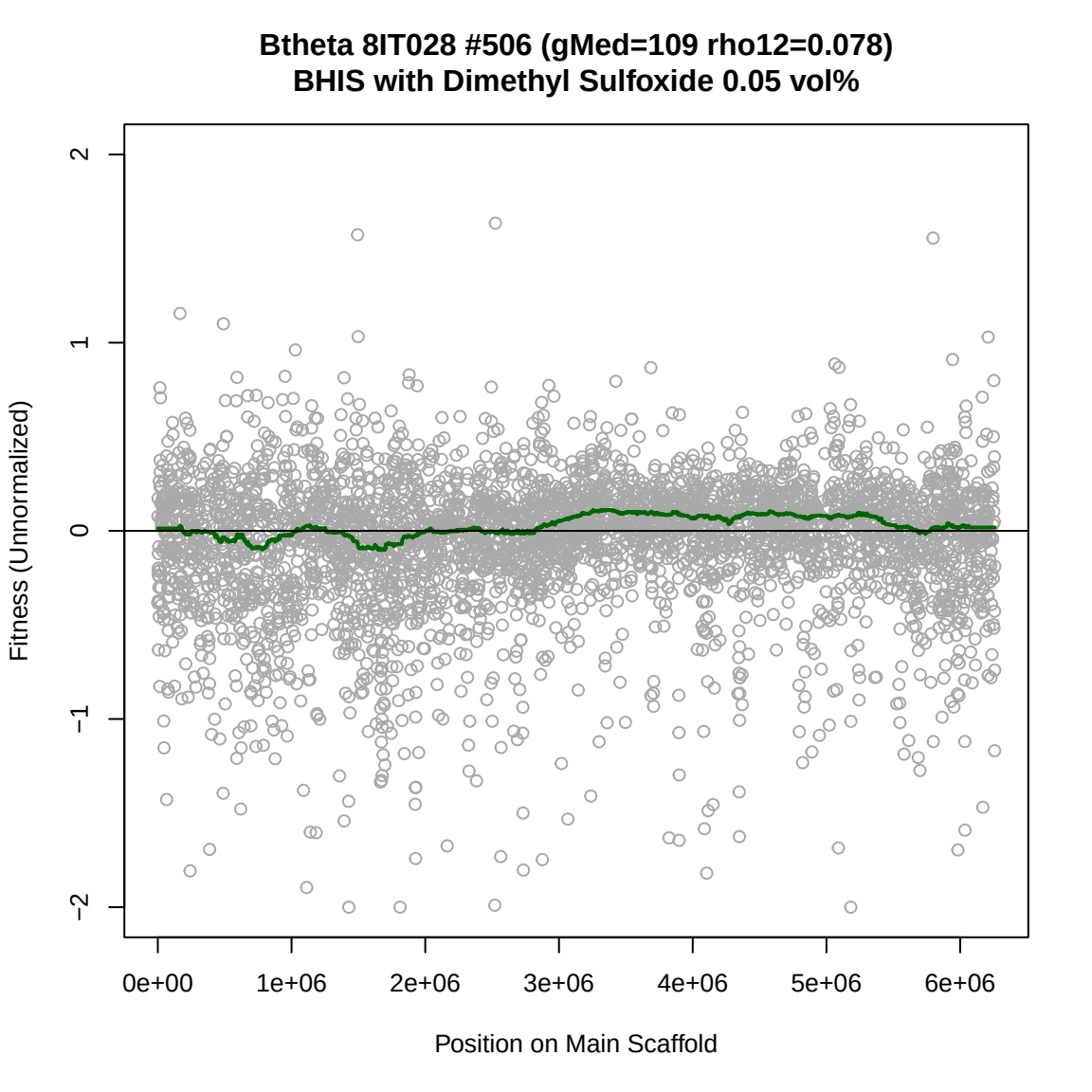

Btheta 8IT023 #501 (gMed=97 rho12=0.199)
Varel_Bryant_medium_Glucose with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

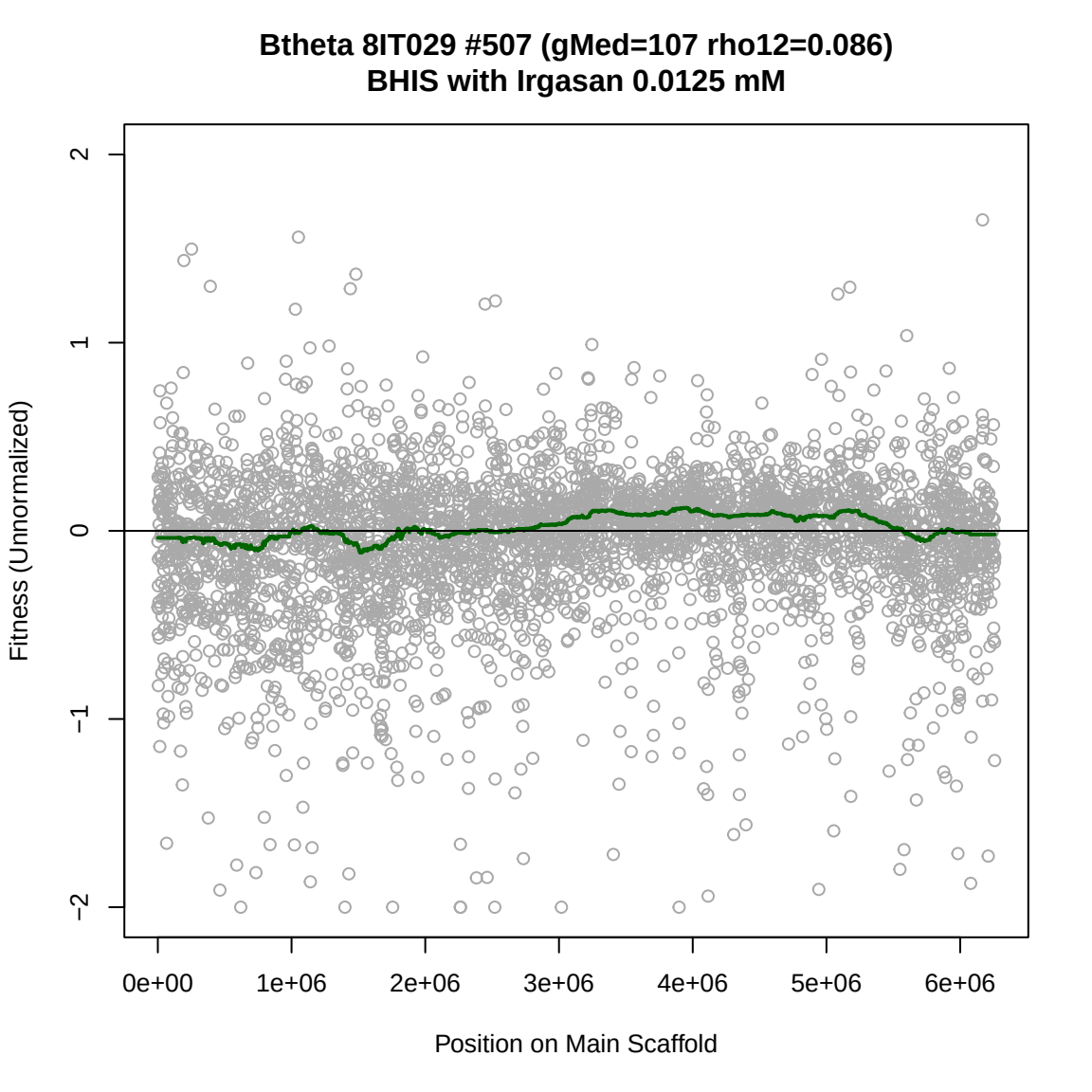

Btheta 8IT024 #502 (gMed=94 rho12=0.183)
Varel_Bryant_medium_Glucose with Cefoxitin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

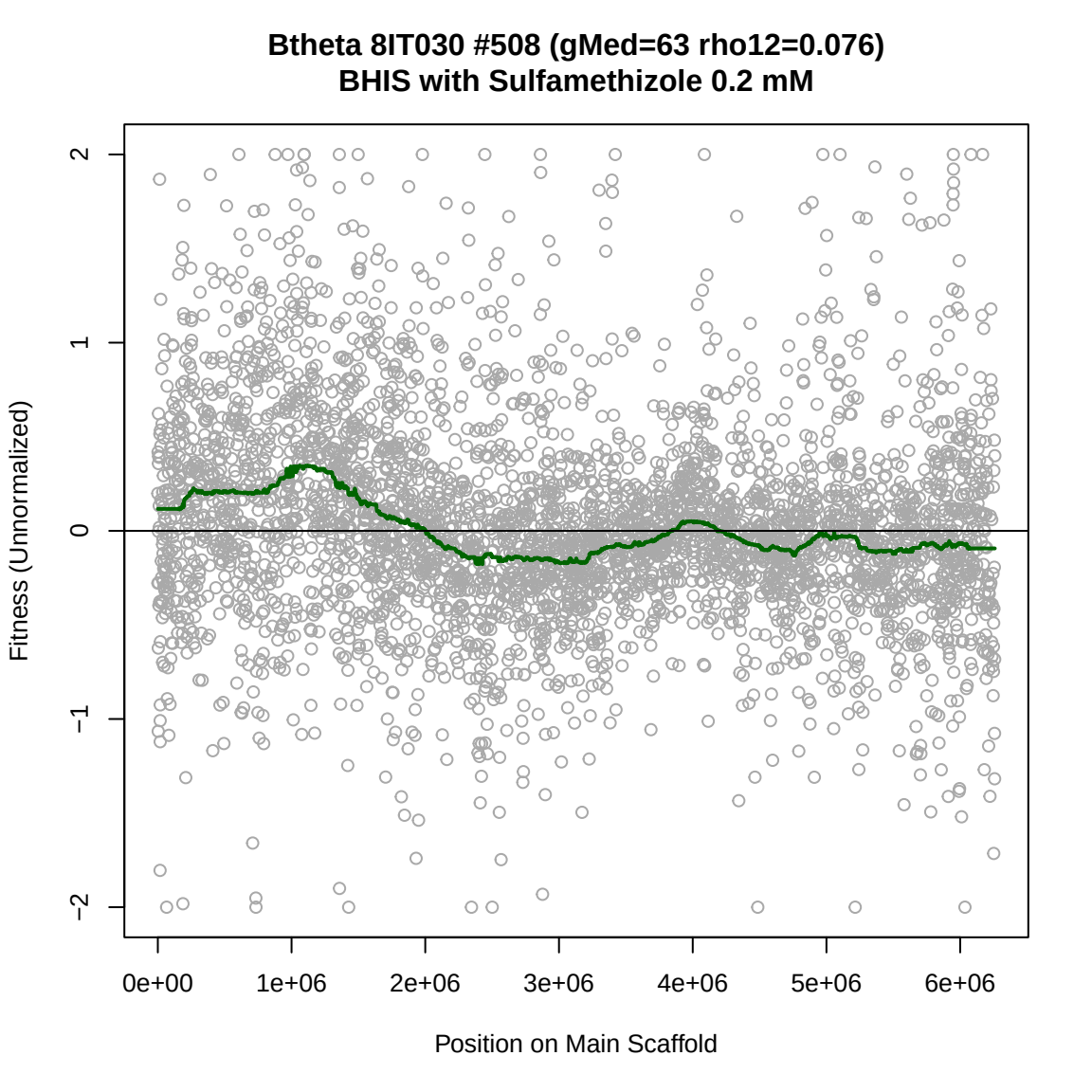

Btheta 8IT025 #503 (gMed=115 rho12=0.118)
BHIS with 2−Mercaptopyridine N−oxide 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

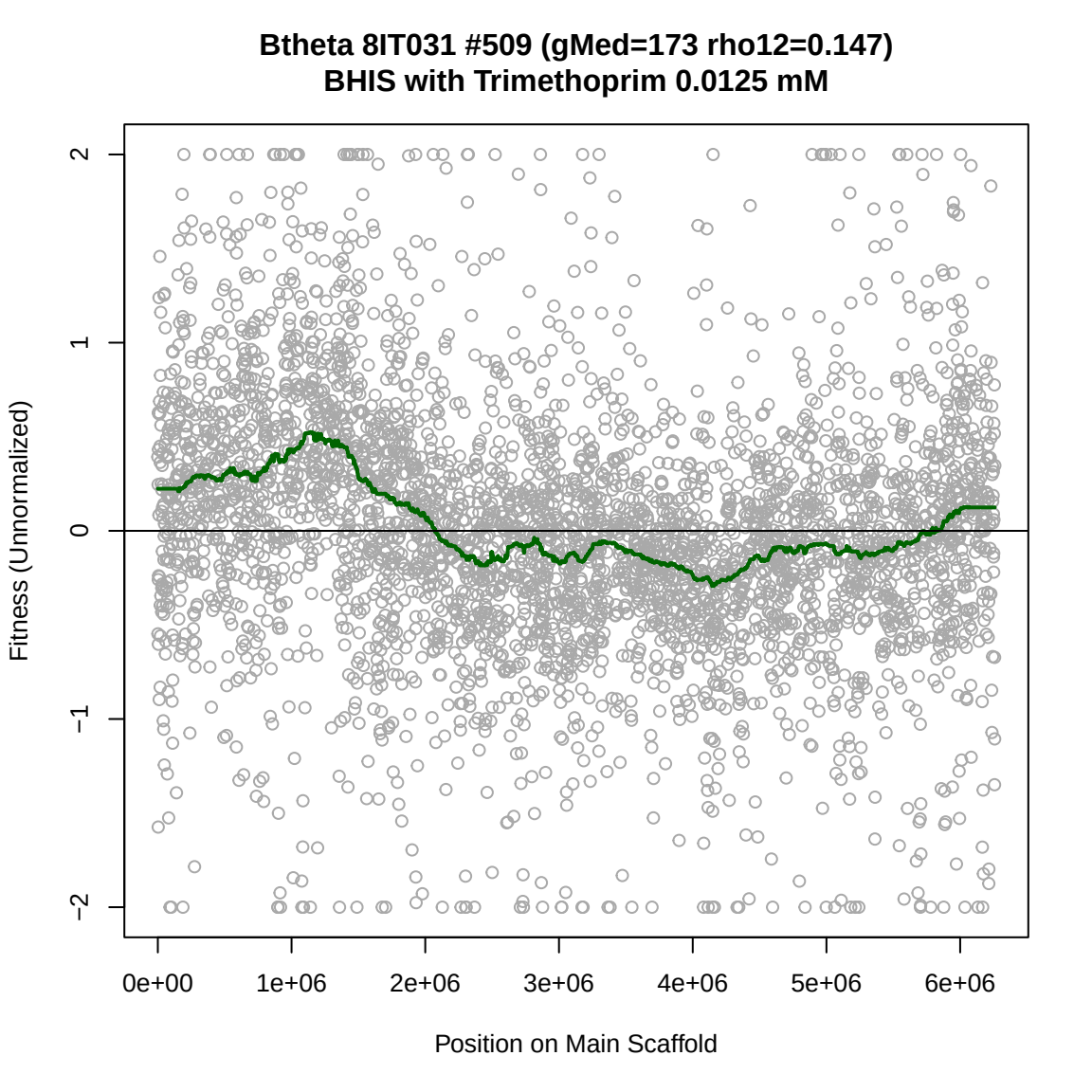

Btheta 8IT026 #504 (gMed=96 rho12=0.075)
BHIS with Cefoxitin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

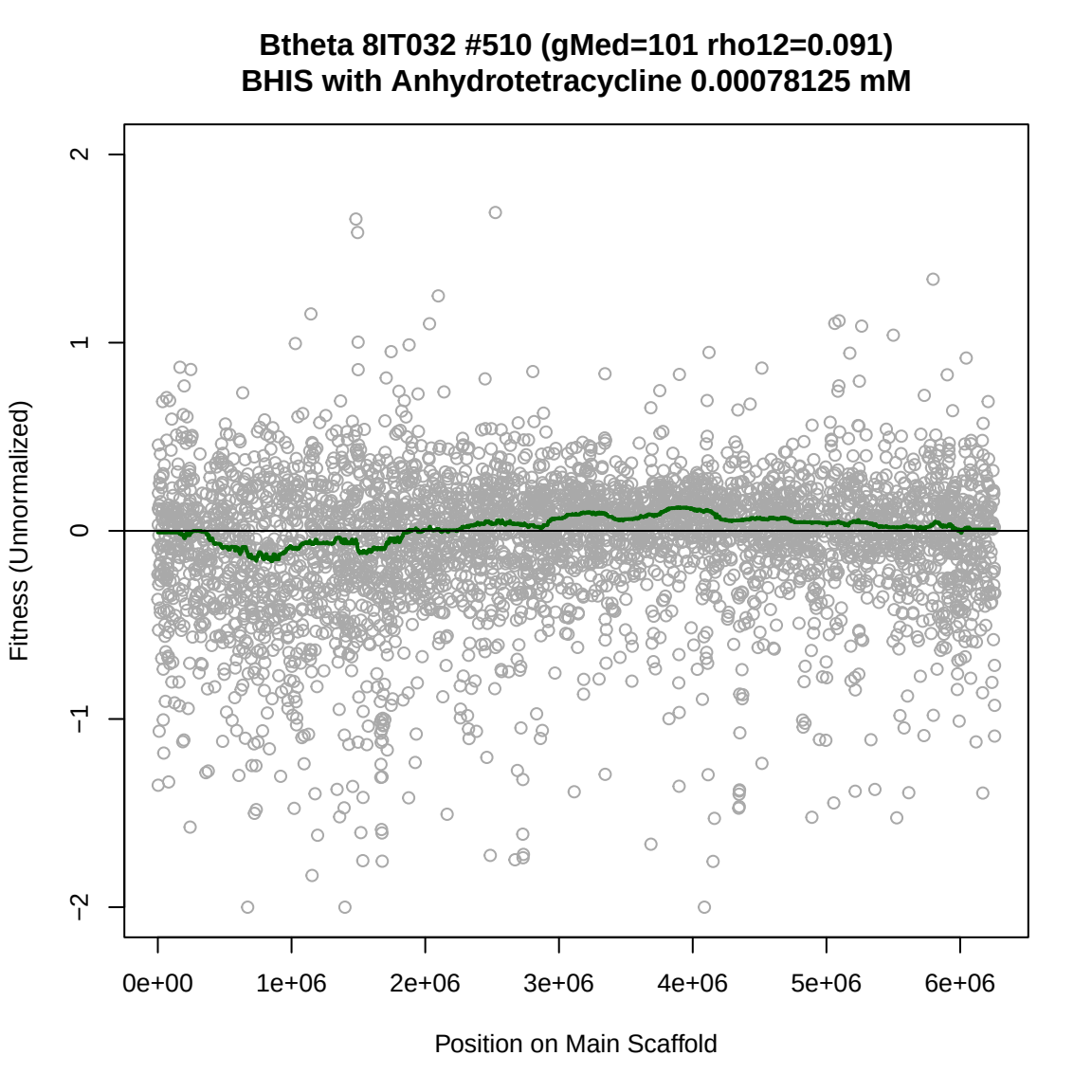

Btheta 8IT027 #505 (gMed=161 rho12=0.182)
BHIS with Chlorpromazine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

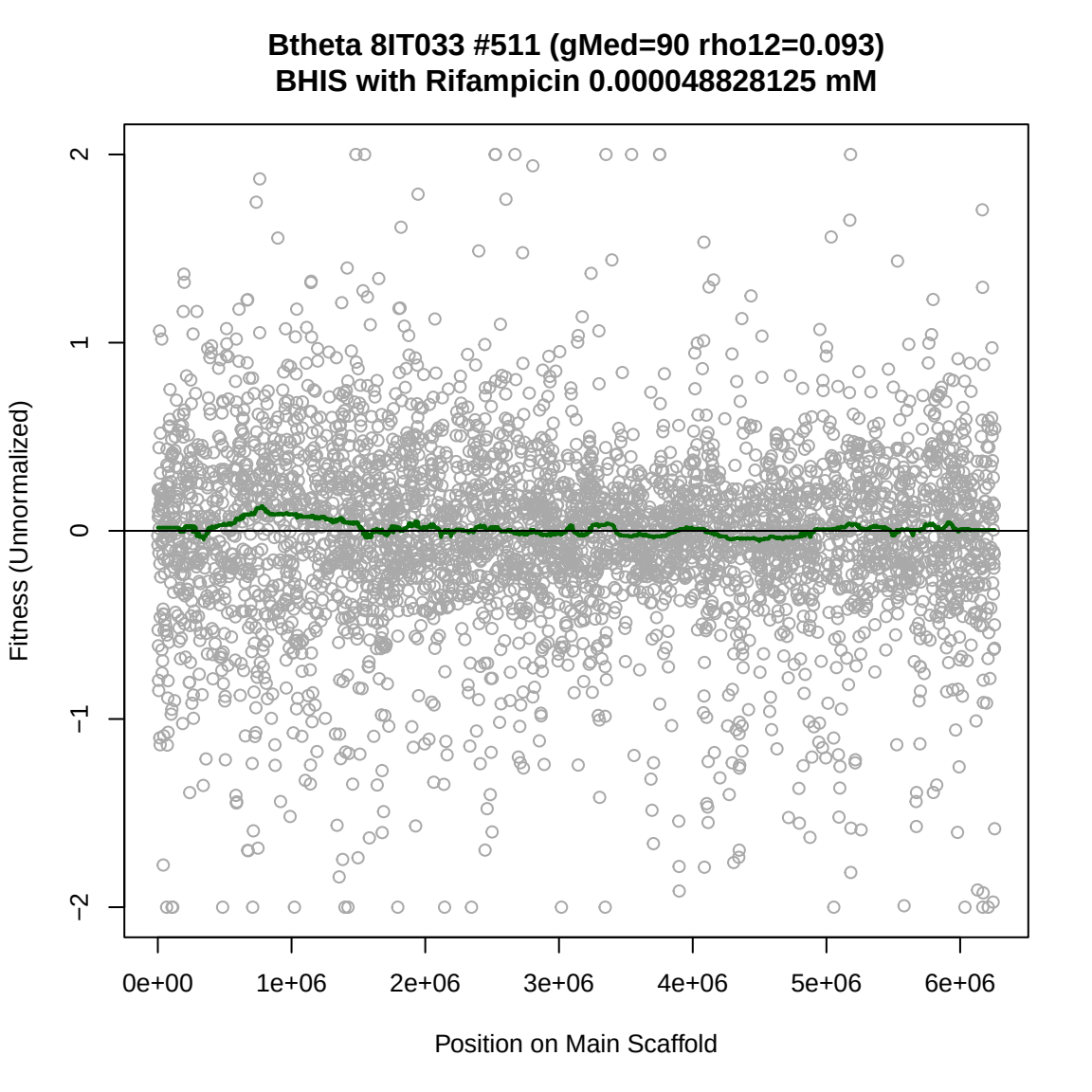

Btheta 8IT028 #506 (gMed=109 rho12=0.078)
BHIS with Dimethyl Sulfoxide 0.05 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

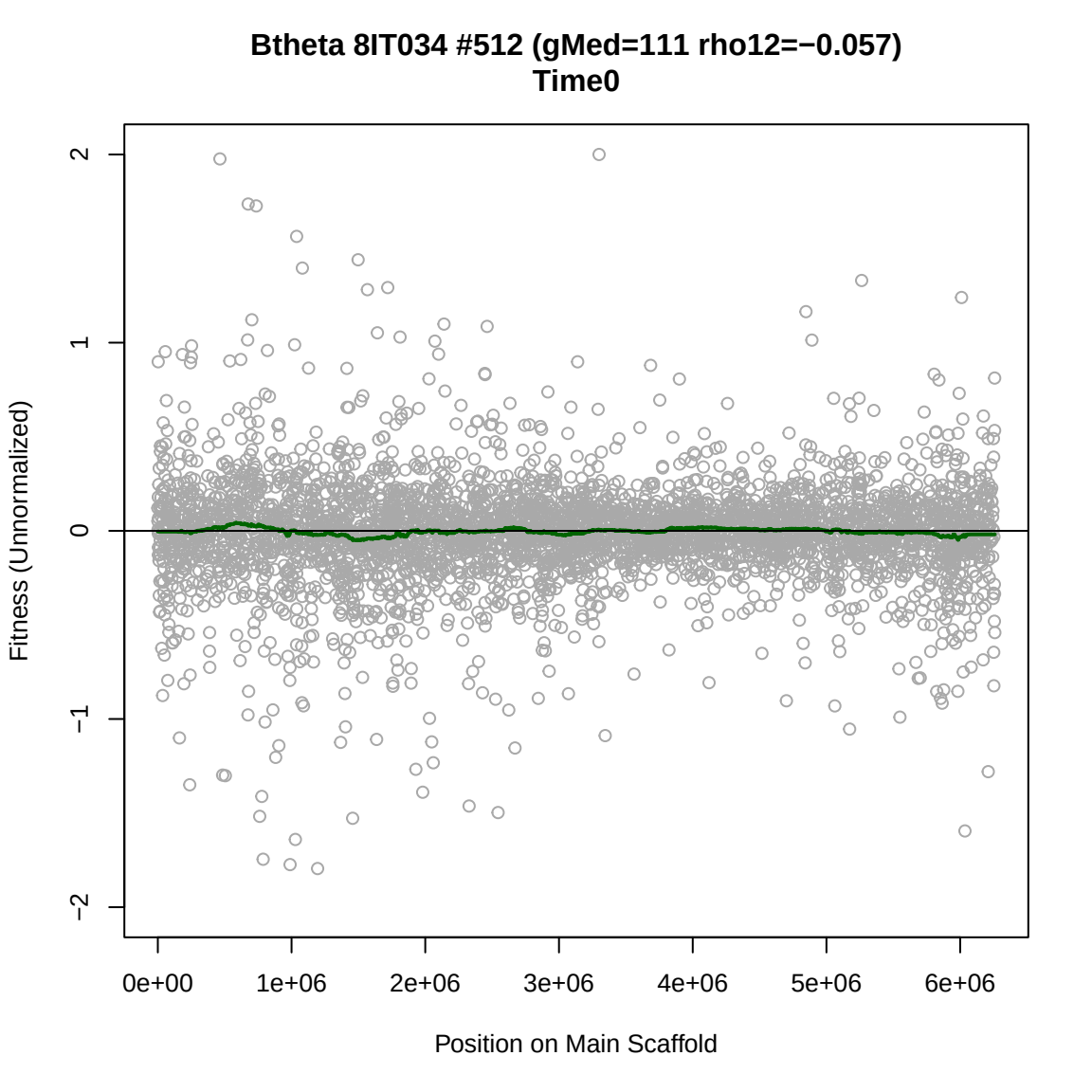

Btheta 8IT029 #507 (gMed=107 rho12=0.086)
BHIS with Irgasan 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

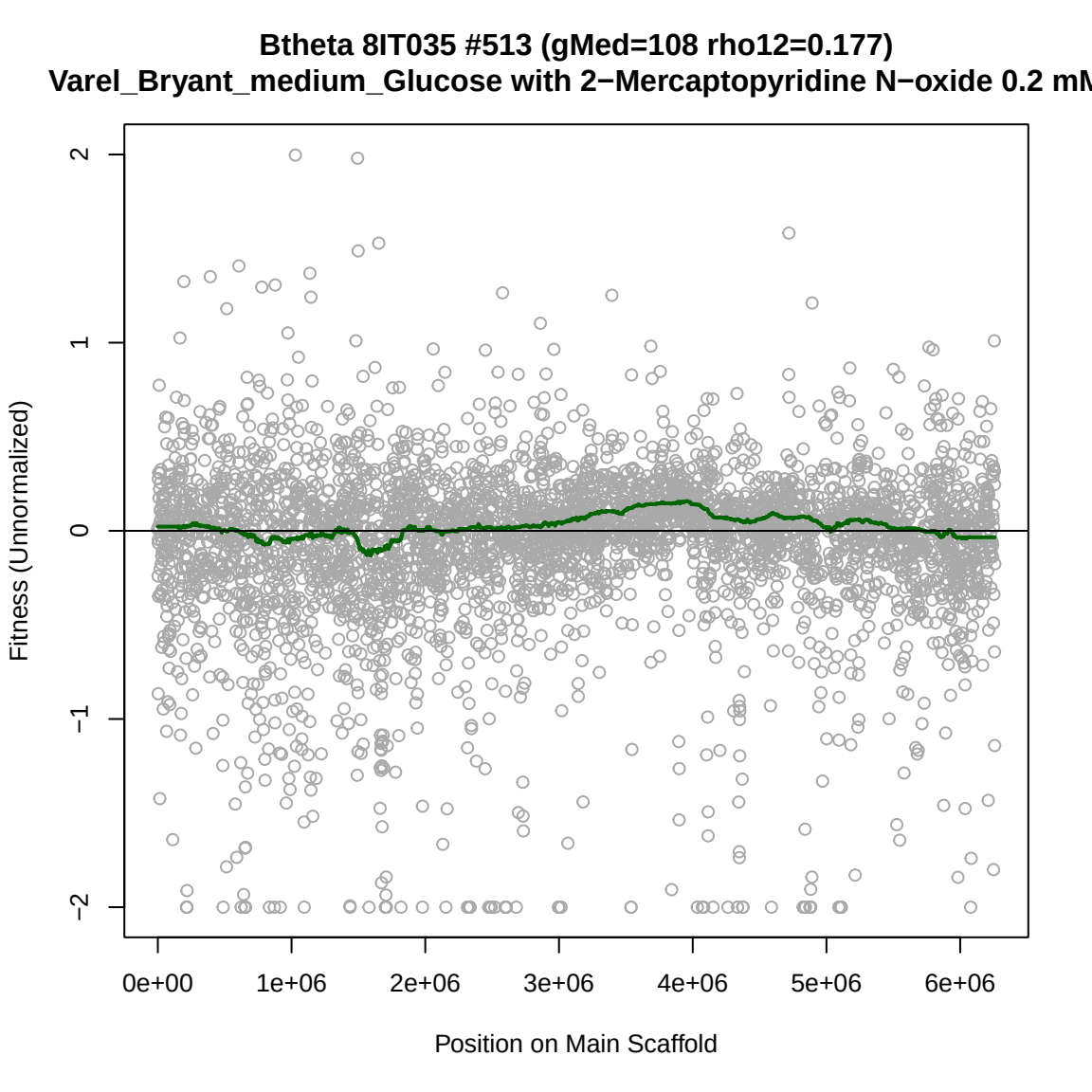

Btheta 8IT030 #508 (gMed=63 rho12=0.076)
BHIS with Sulfamethizole 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

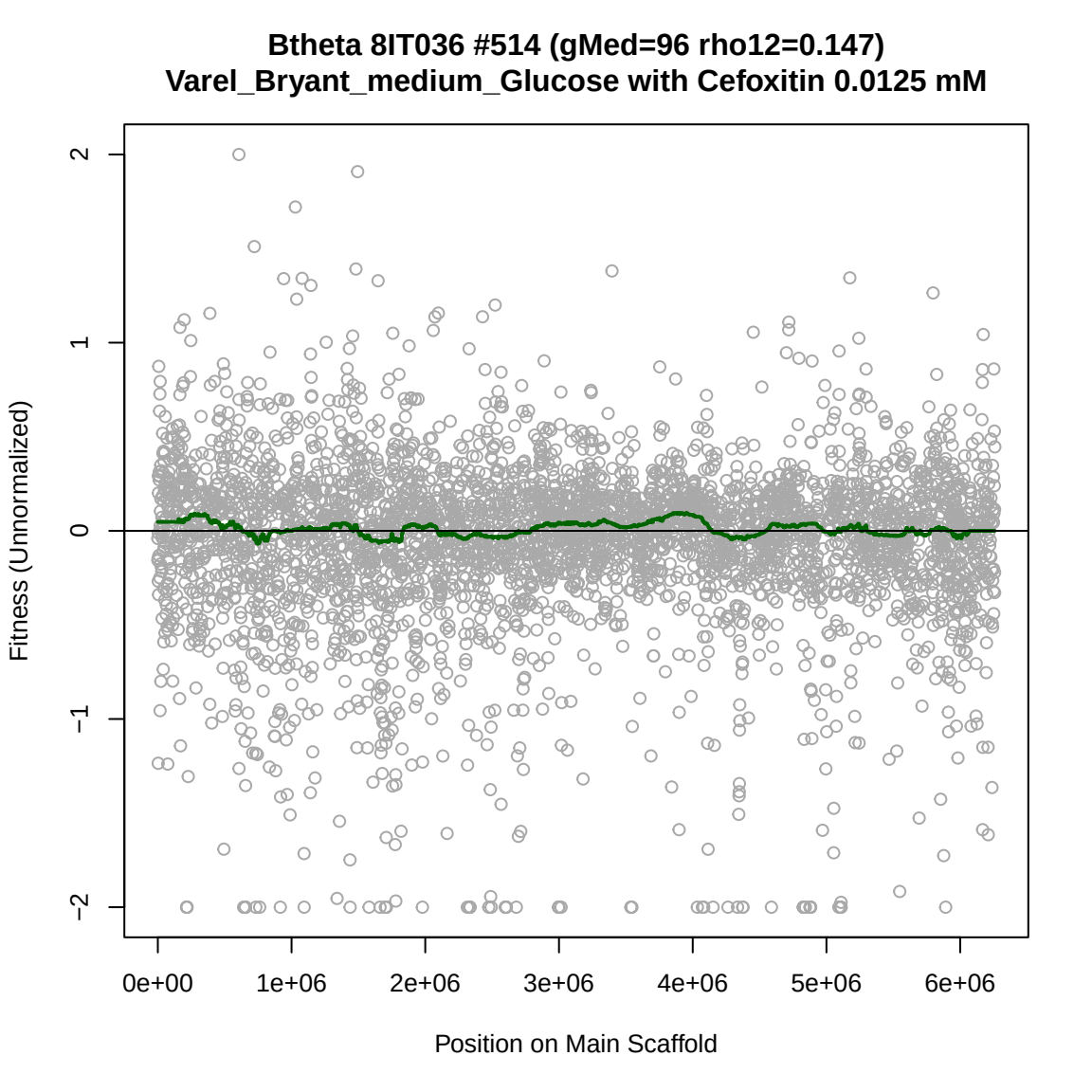

Btheta 8IT031 #509 (gMed=173 rho12=0.147)
BHIS with Trimethoprim 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

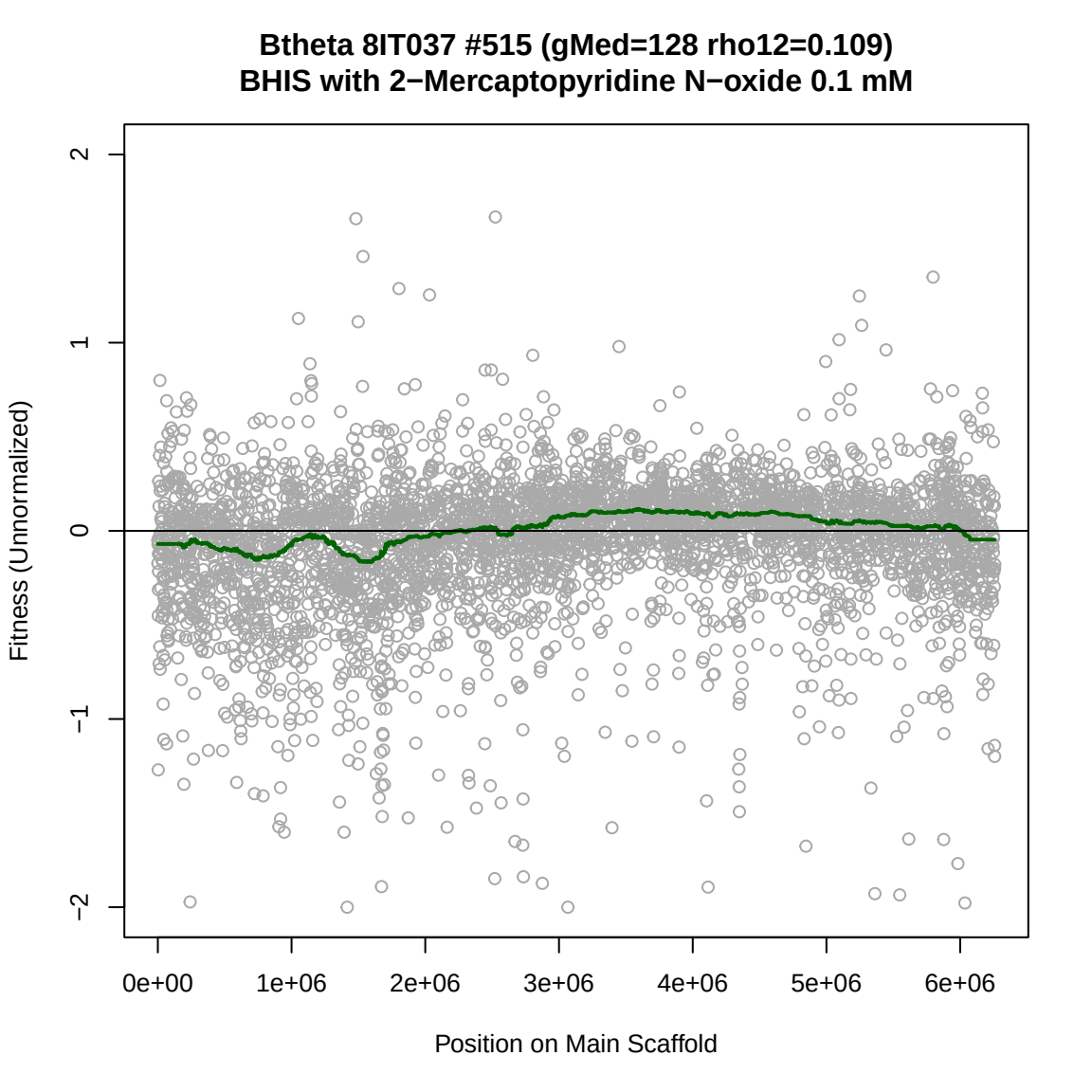

Btheta 8IT032 #510 (gMed=101 rho12=0.091)
BHIS with Anhydrotetracycline 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

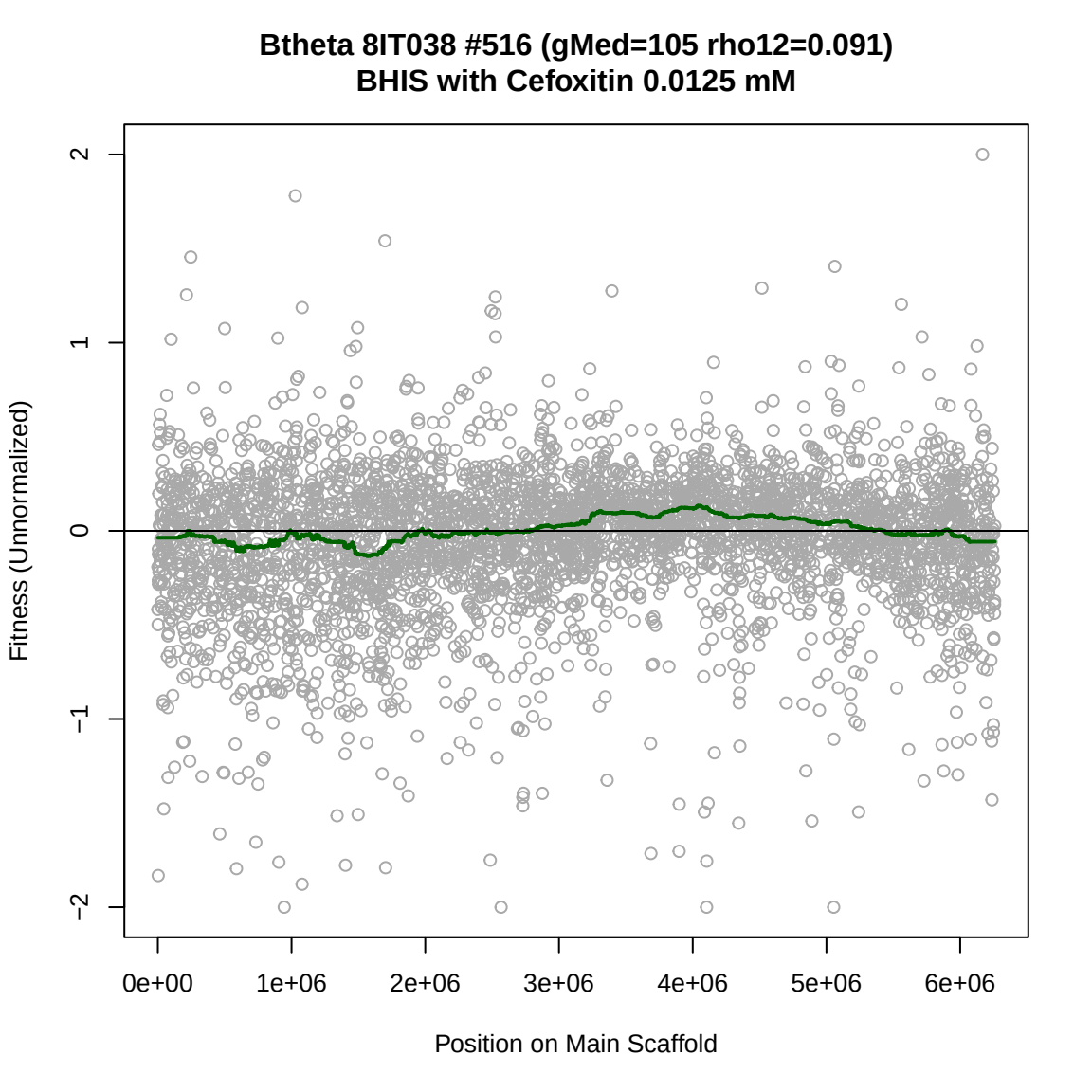

Btheta 8IT033 #511 (gMed=90 rho12=0.093)
BHIS with Rifampicin 0.000048828125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

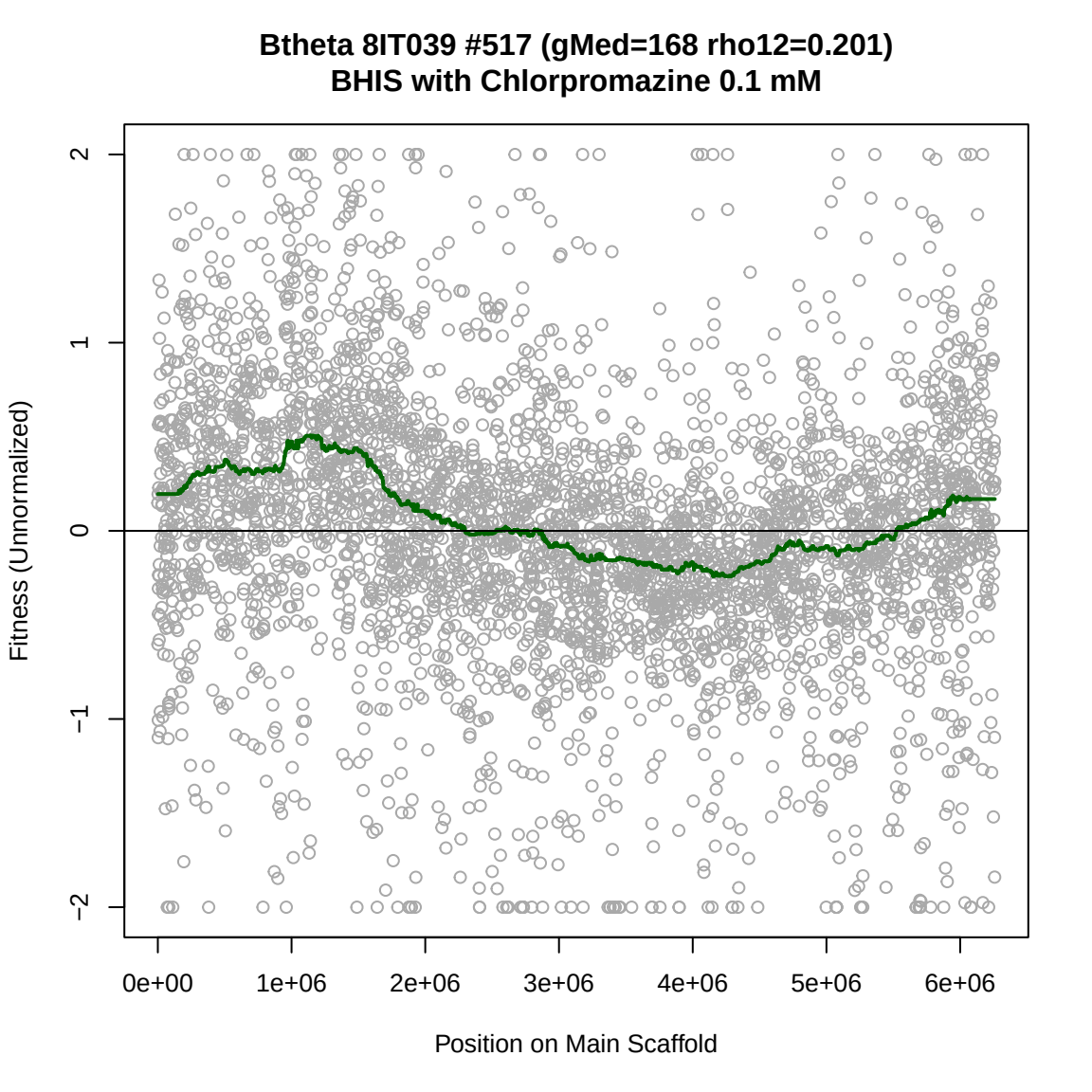

Btheta 8IT034 #512 (gMed=111 rho12=−0.057)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

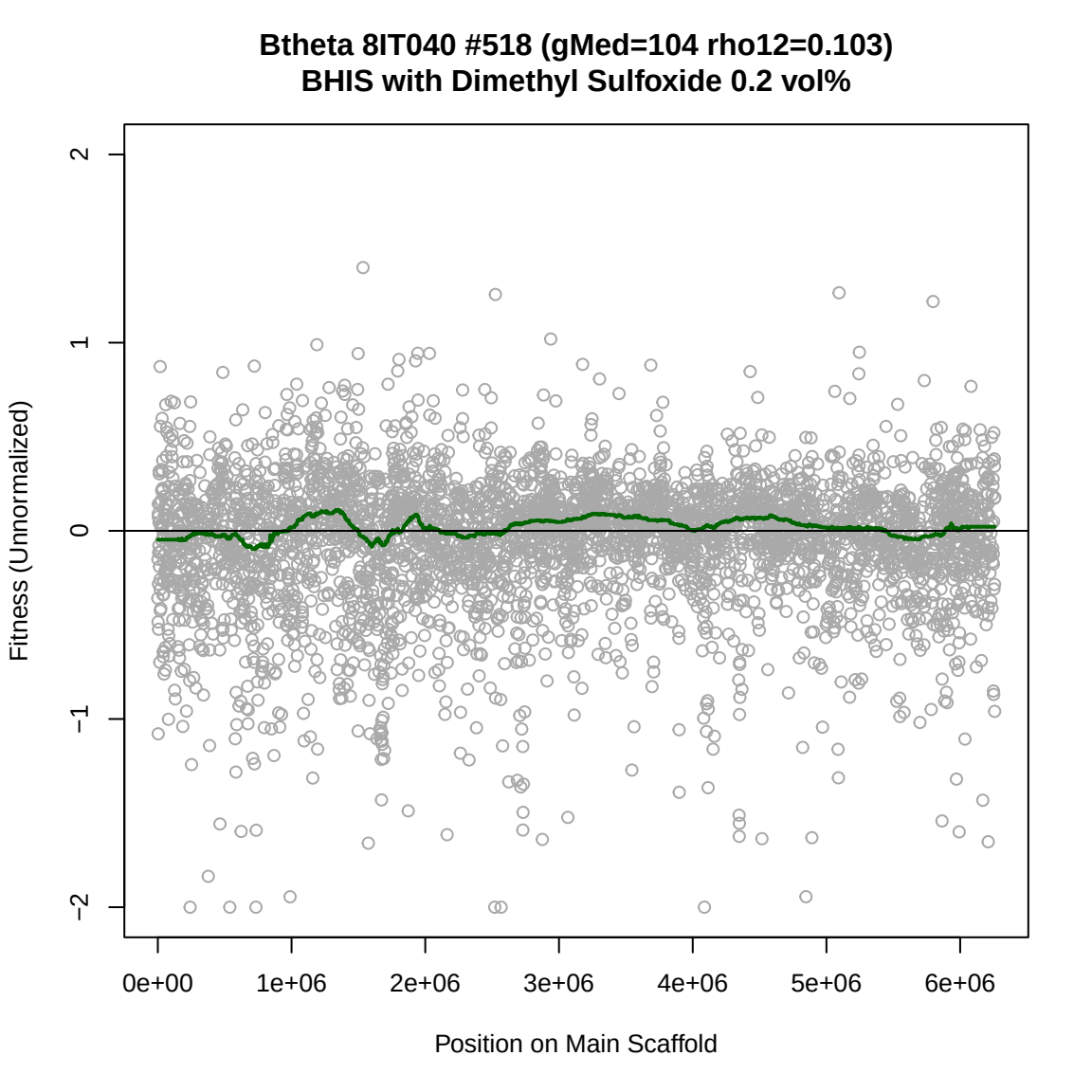

Btheta 8IT035 #513 (gMed=108 rho12=0.177)
Varel_Bryant_medium_Glucose with 2−Mercaptopyridine N−oxide 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

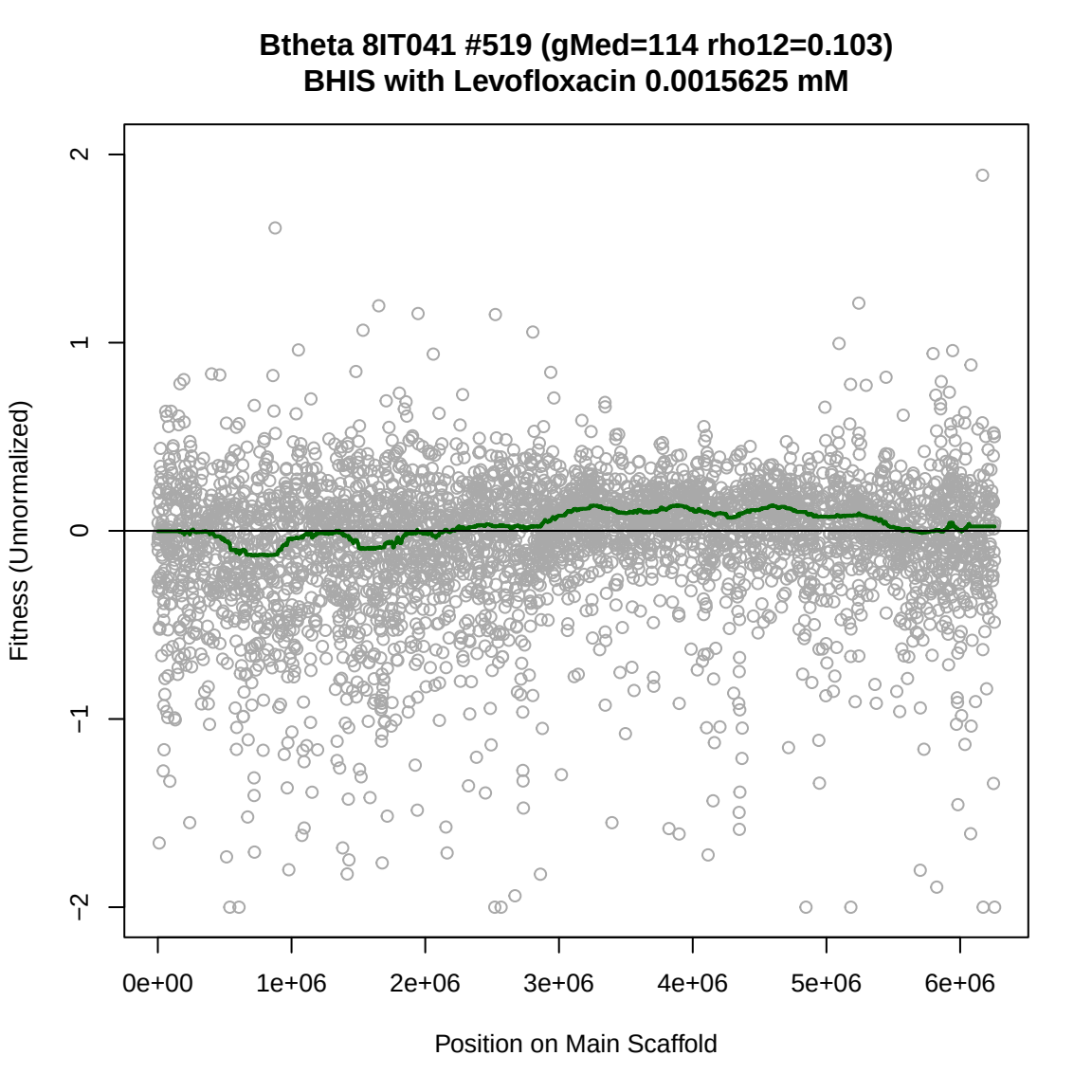

Btheta 8IT036 #514 (gMed=96 rho12=0.147)
Varel_Bryant_medium_Glucose with Cefoxitin 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

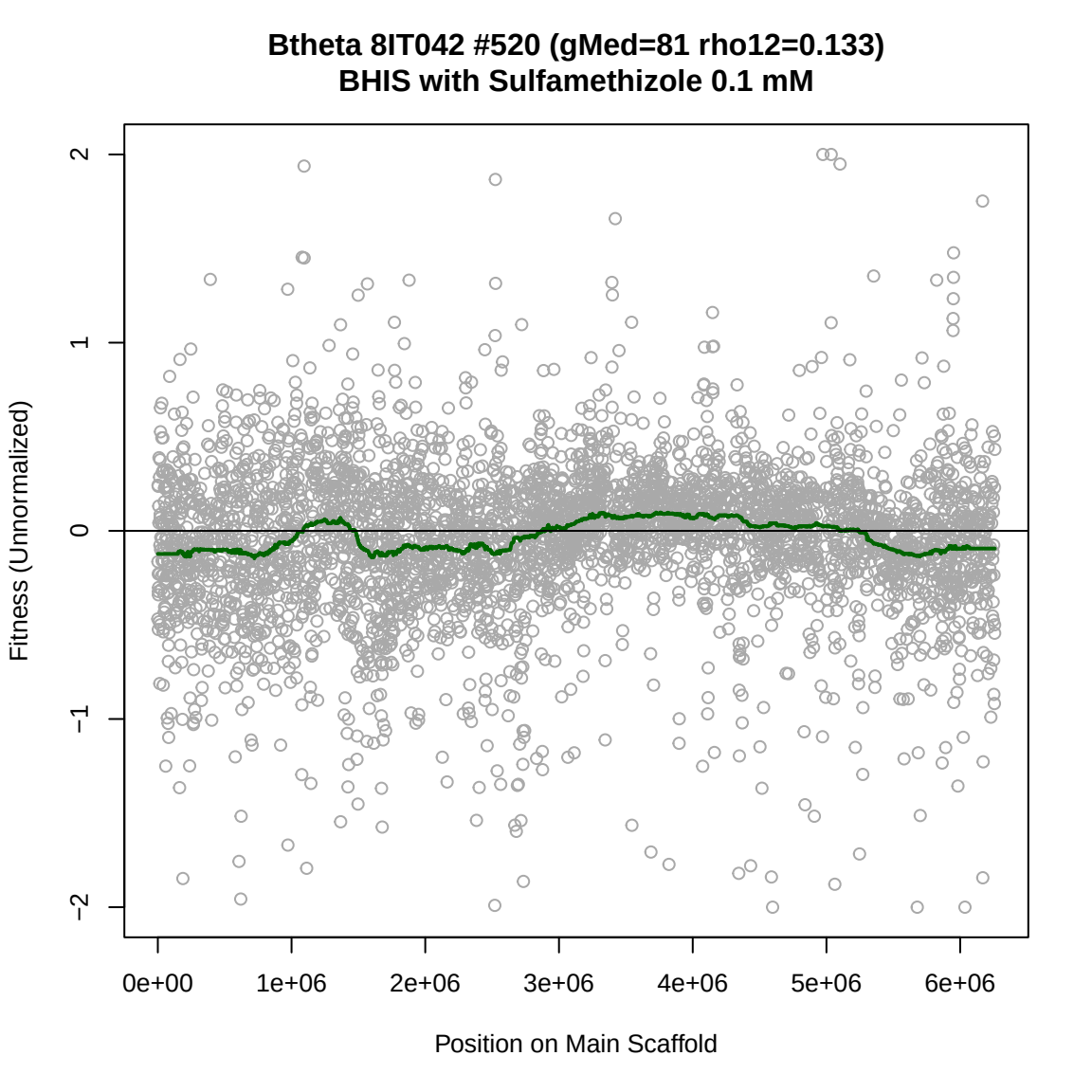

Btheta 8IT037 #515 (gMed=128 rho12=0.109)
BHIS with 2−Mercaptopyridine N−oxide 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

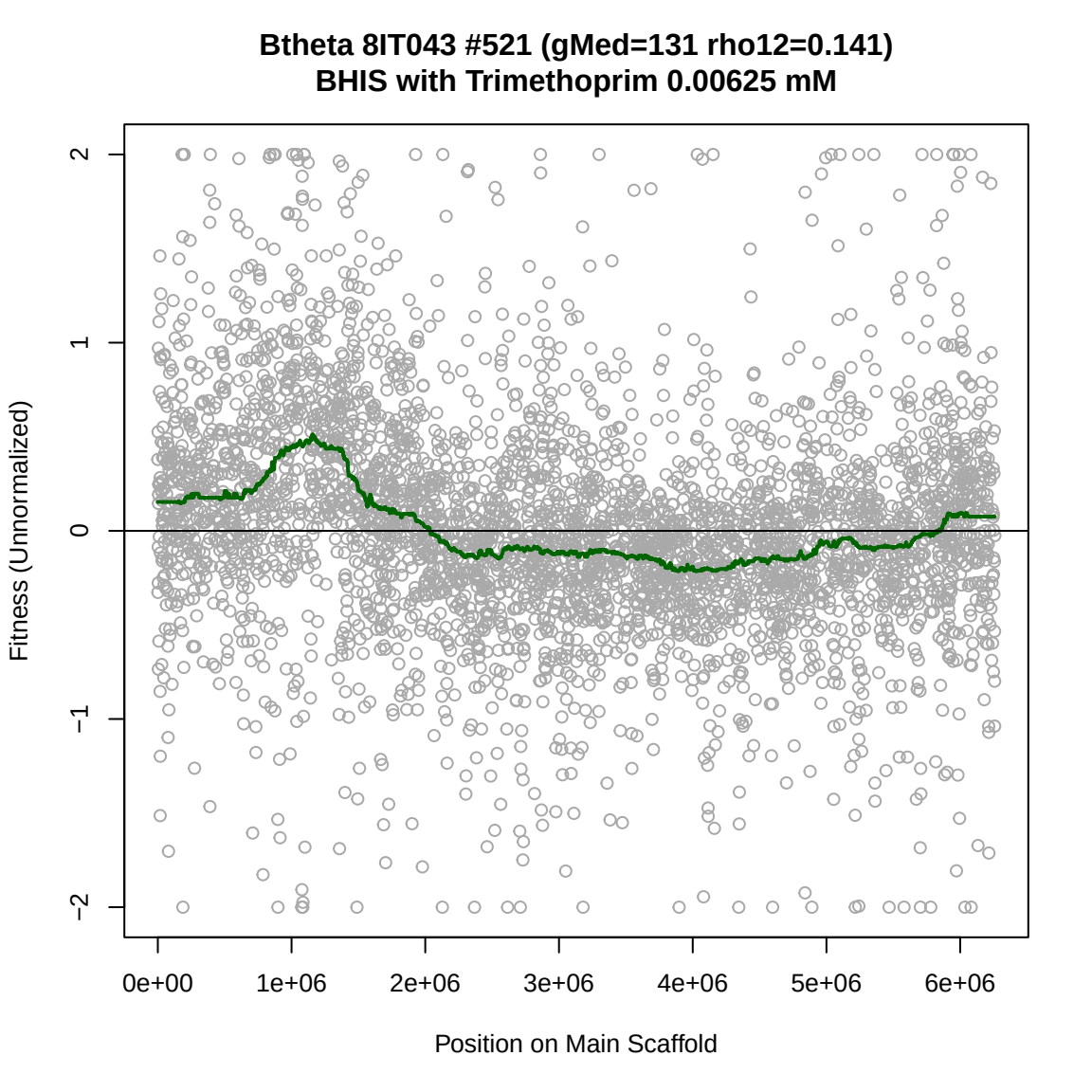

Btheta 8IT038 #516 (gMed=105 rho12=0.091)
BHIS with Cefoxitin 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

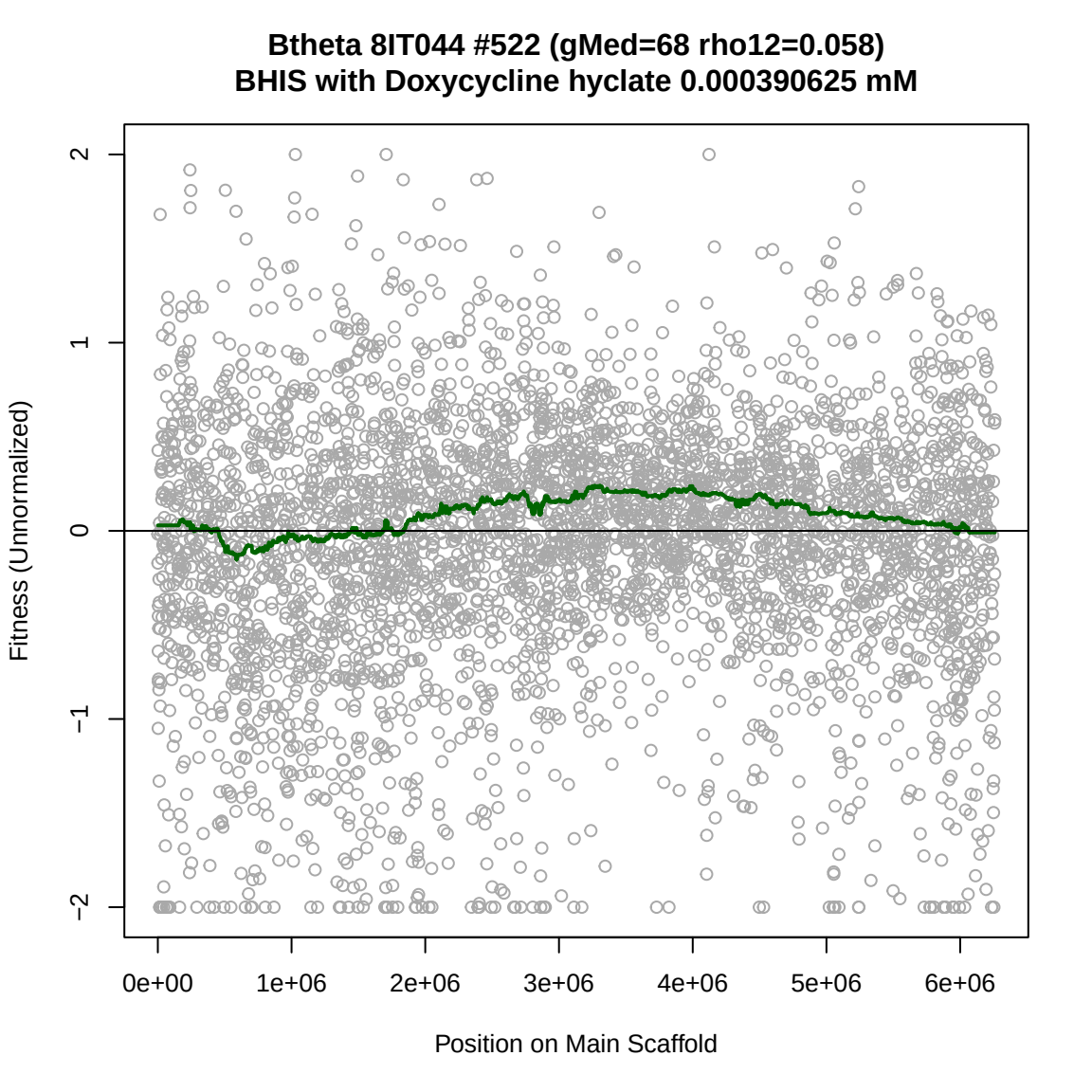

Btheta 8IT039 #517 (gMed=168 rho12=0.201)
BHIS with Chlorpromazine 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

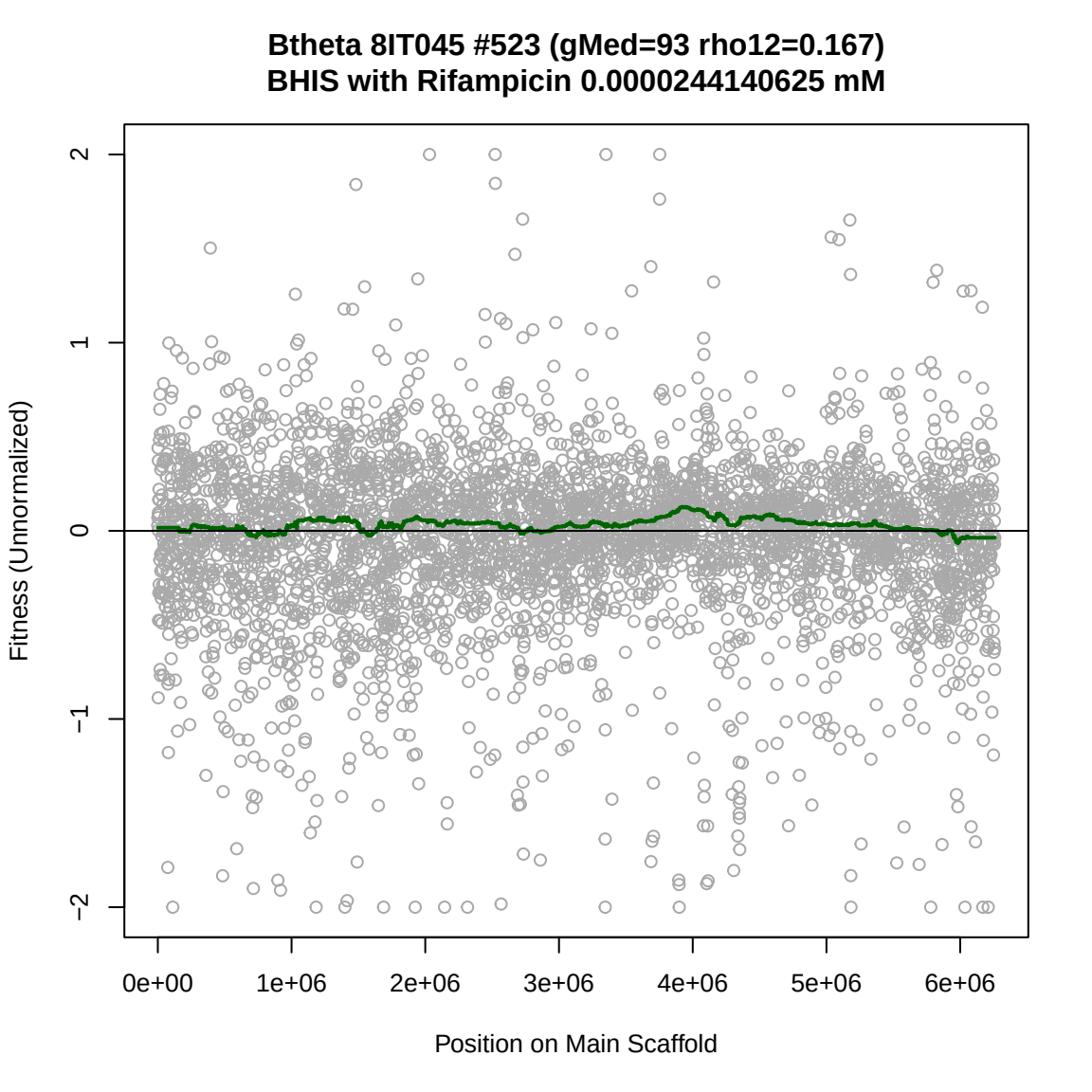

Btheta 8IT040 #518 (gMed=104 rho12=0.103)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

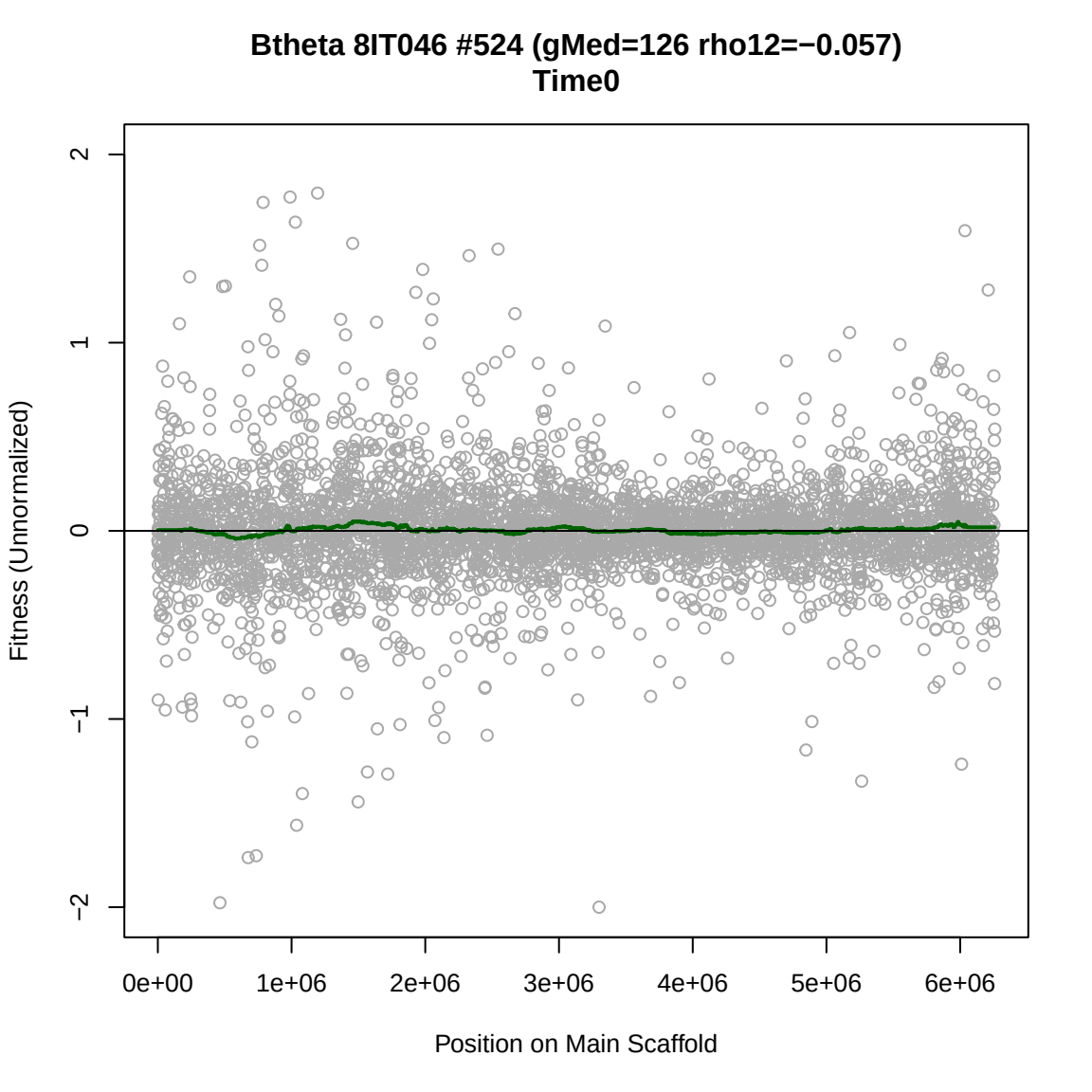

Btheta 8IT041 #519 (gMed=114 rho12=0.103)
BHIS with Levofloxacin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

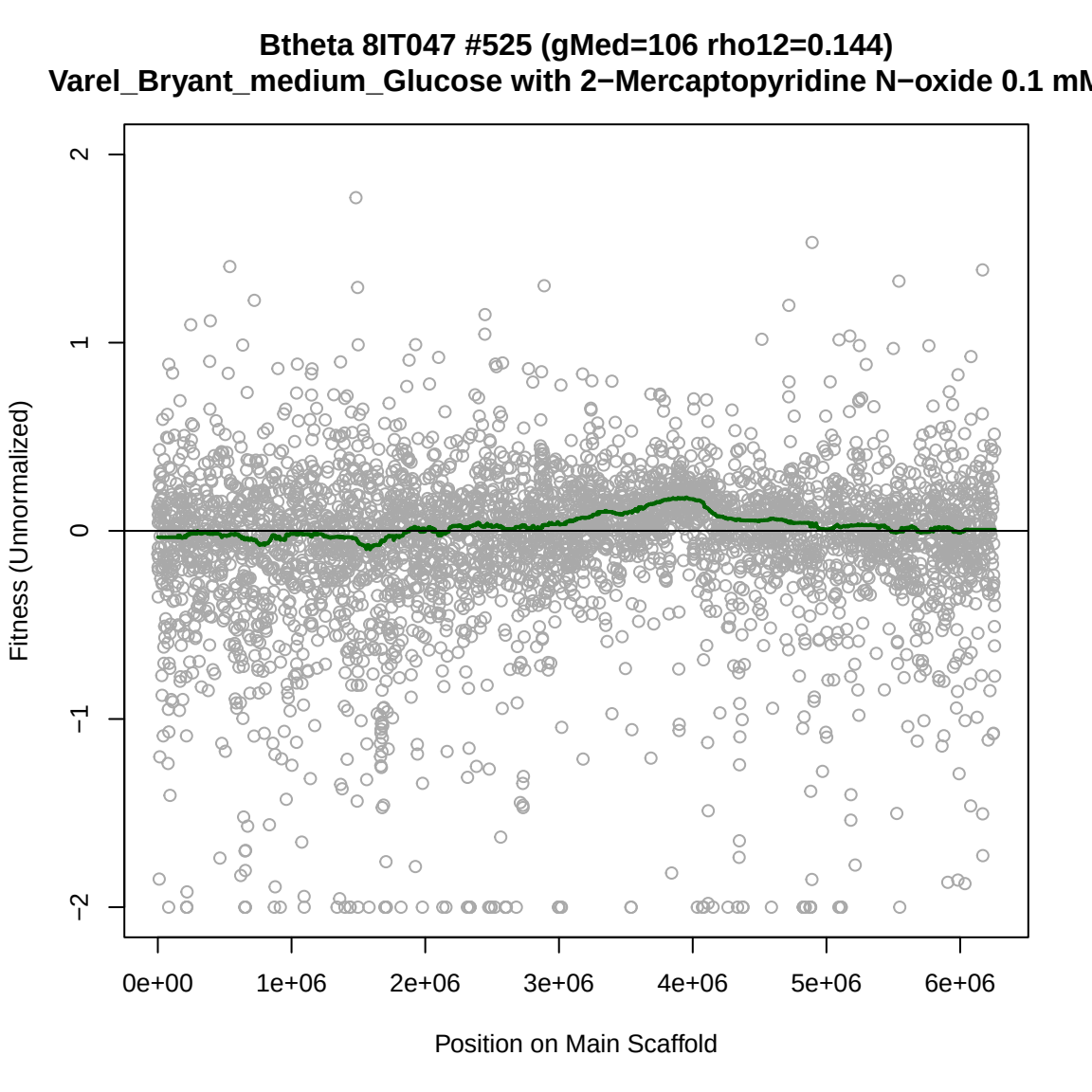

Btheta 8IT042 #520 (gMed=81 rho12=0.133)
BHIS with Sulfamethizole 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

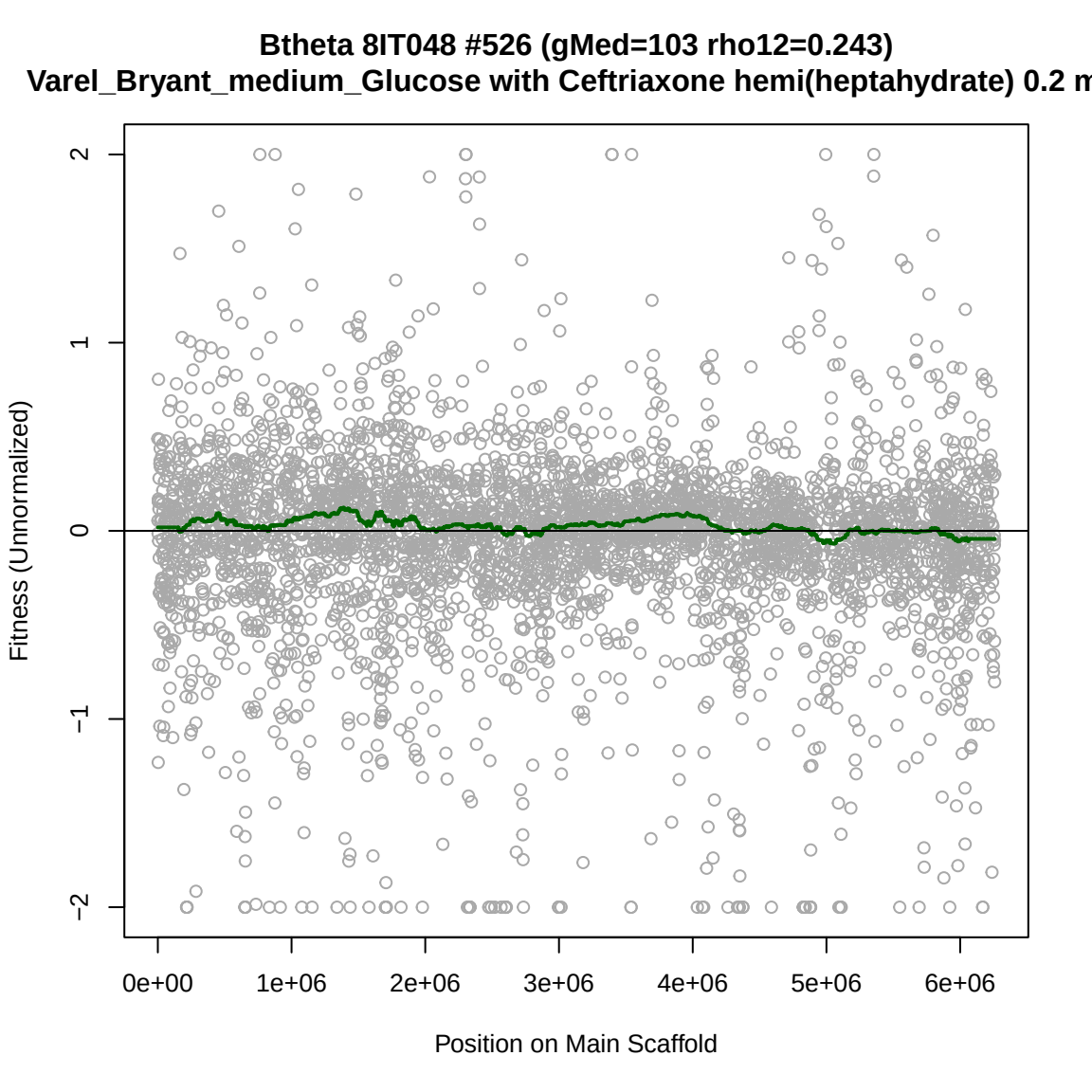

Btheta 8IT043 #521 (gMed=131 rho12=0.141)
BHIS with Trimethoprim 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

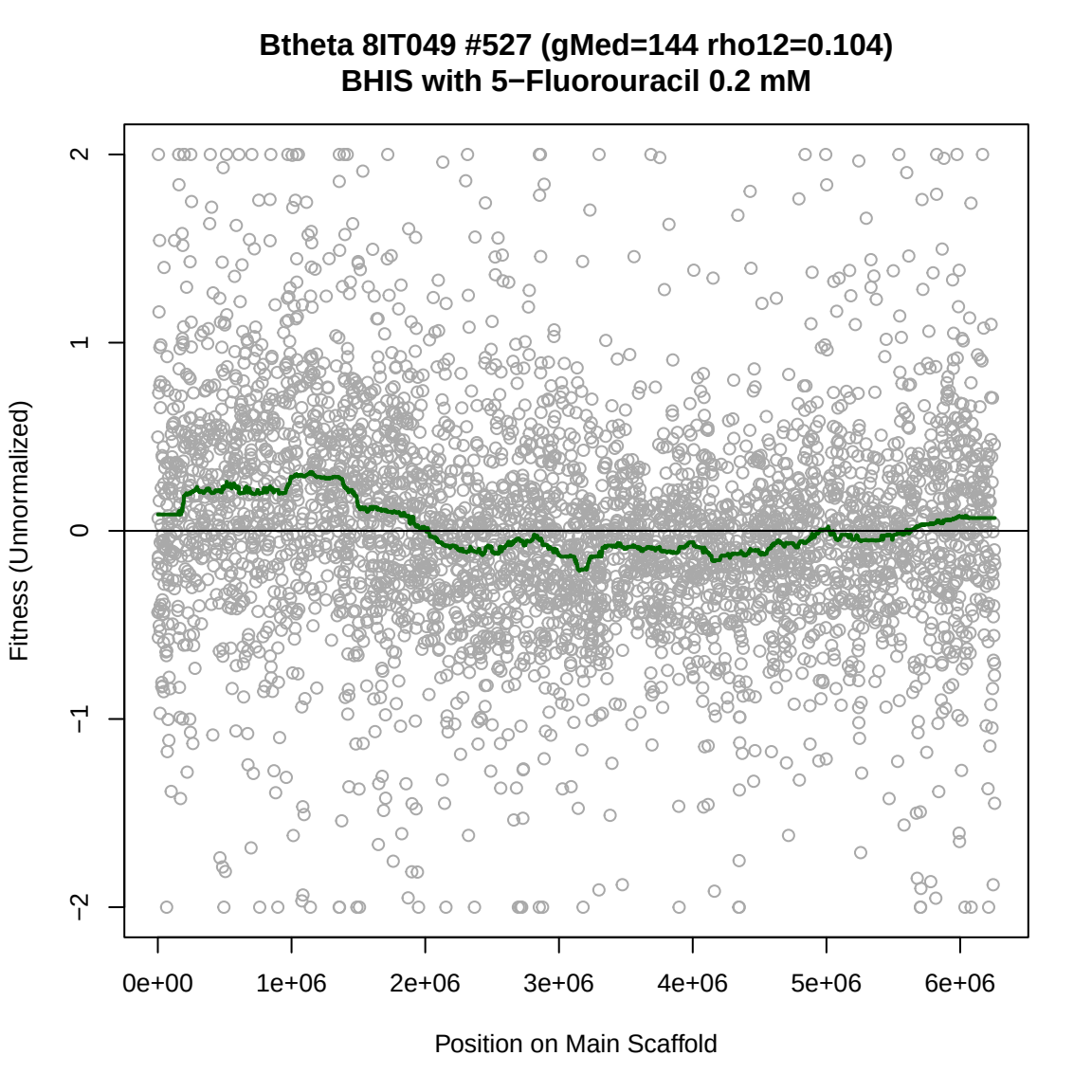

Btheta 8IT044 #522 (gMed=68 rho12=0.058)
BHIS with Doxycycline hyclate 0.000390625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

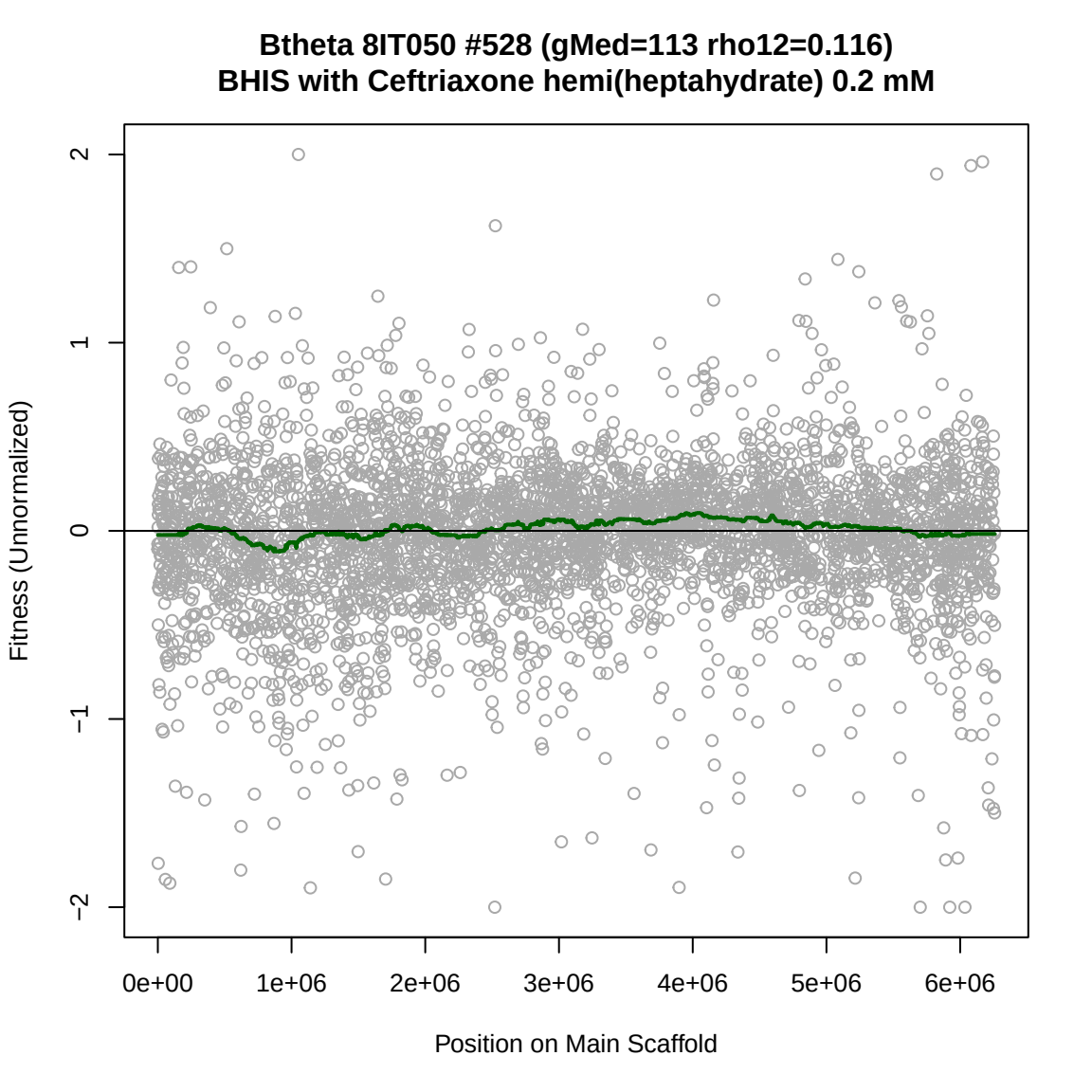

Btheta 8IT045 #523 (gMed=93 rho12=0.167)
BHIS with Rifampicin 0.0000244140625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

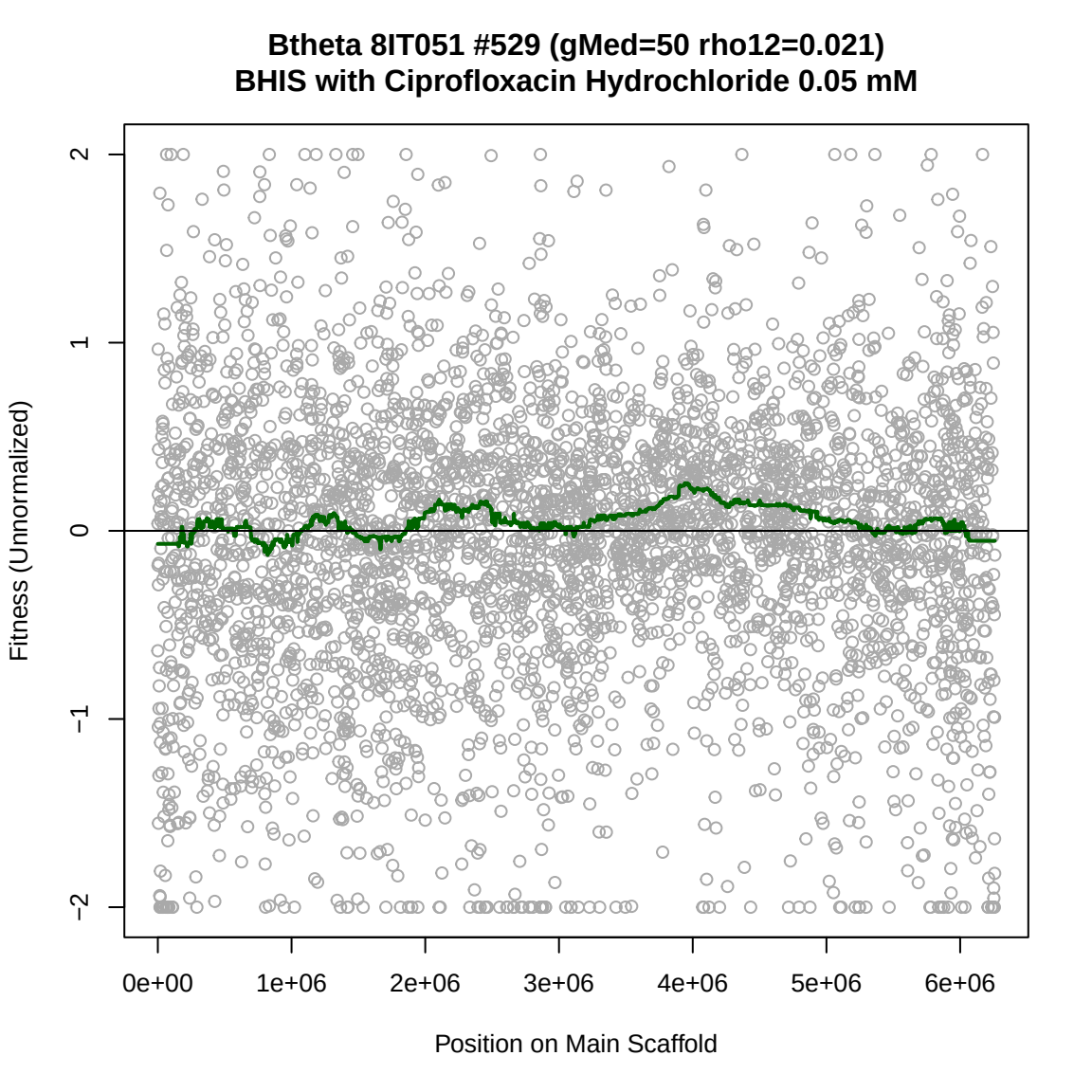

Btheta 8IT046 #524 (gMed=126 rho12=−0.057)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

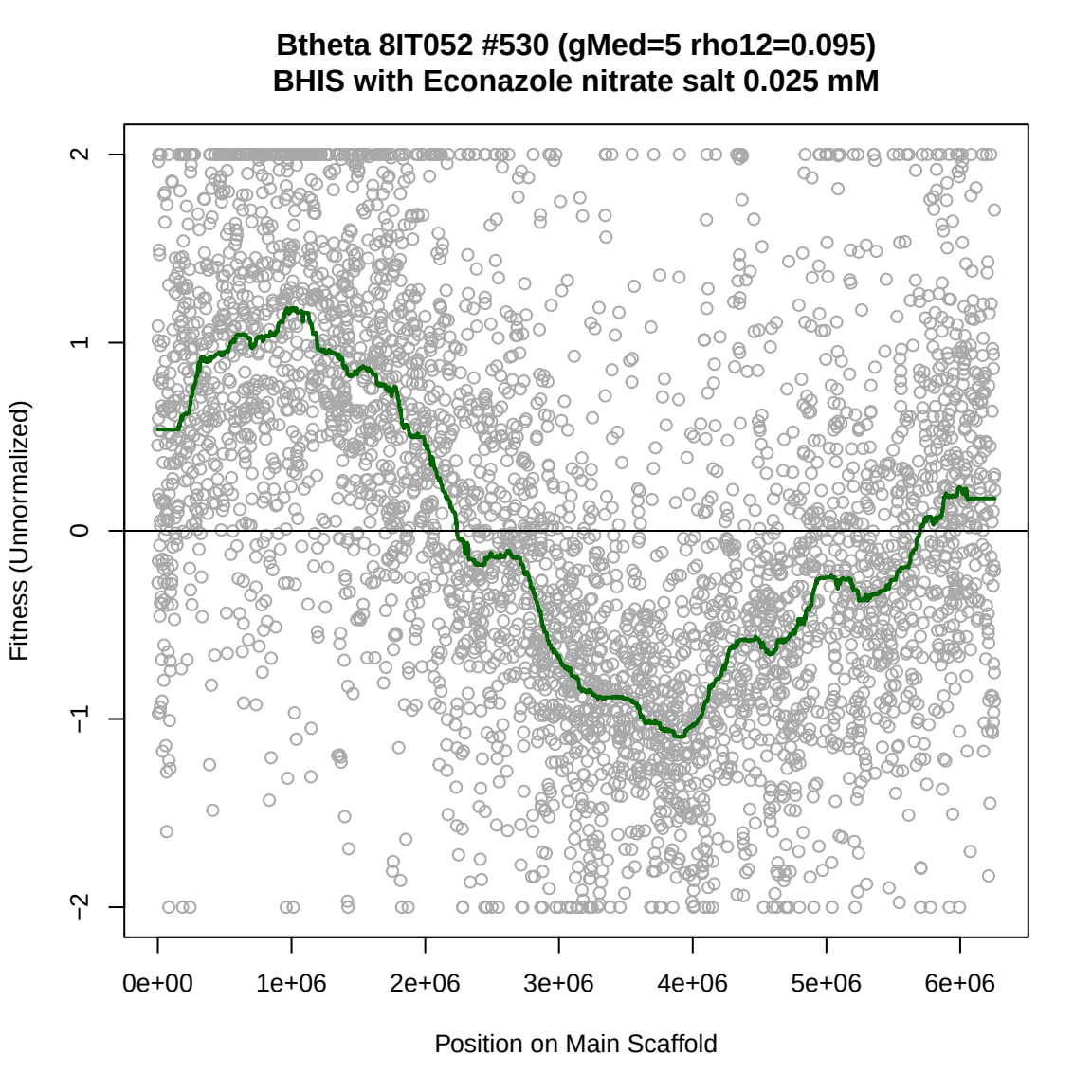

Btheta 8IT047 #525 (gMed=106 rho12=0.144)
Varel_Bryant_medium_Glucose with 2−Mercaptopyridine N−oxide 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

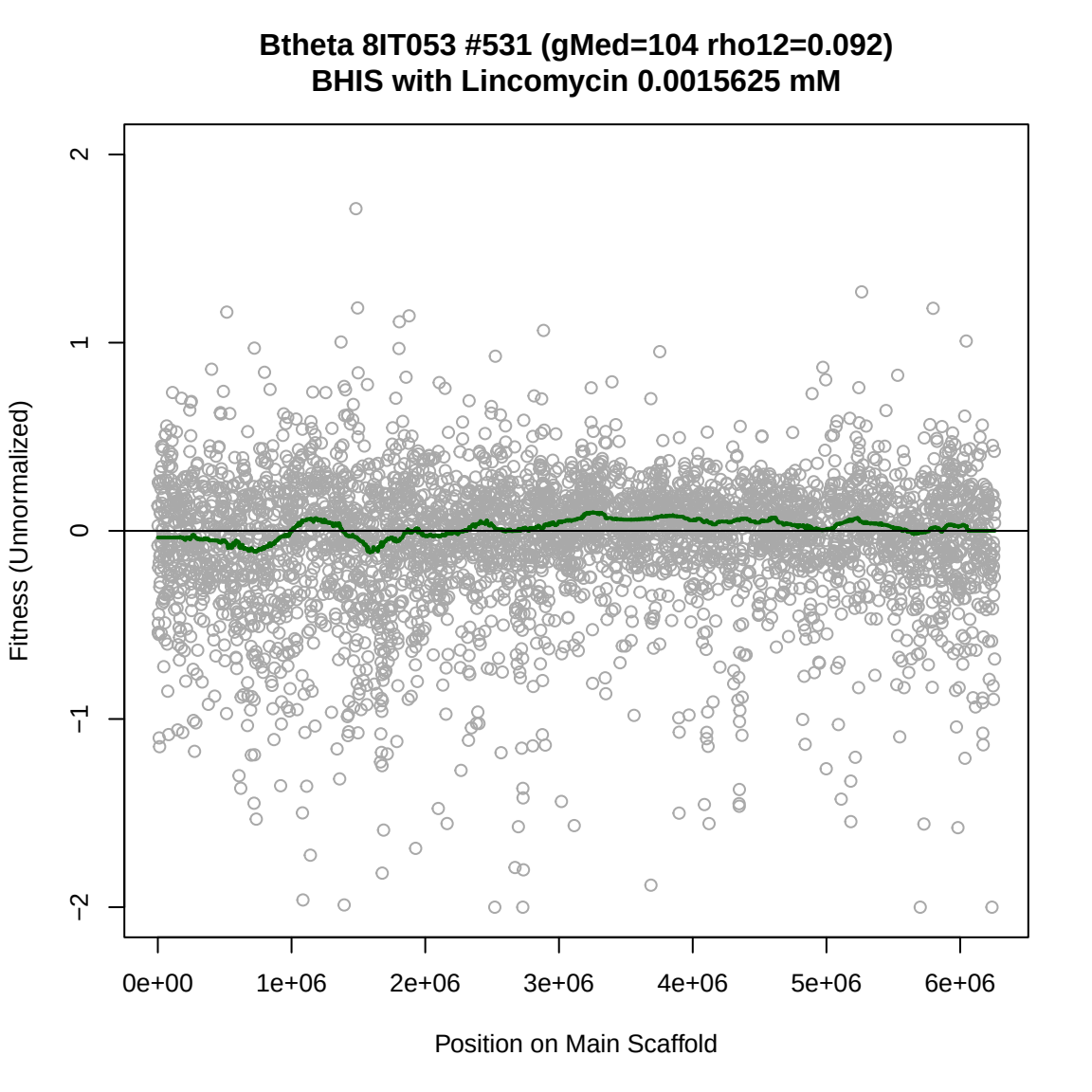

Btheta 8IT048 #526 (gMed=103 rho12=0.243)
Varel_Bryant_medium_Glucose with Ceftriaxone hemi(heptahydrate) 0.2 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

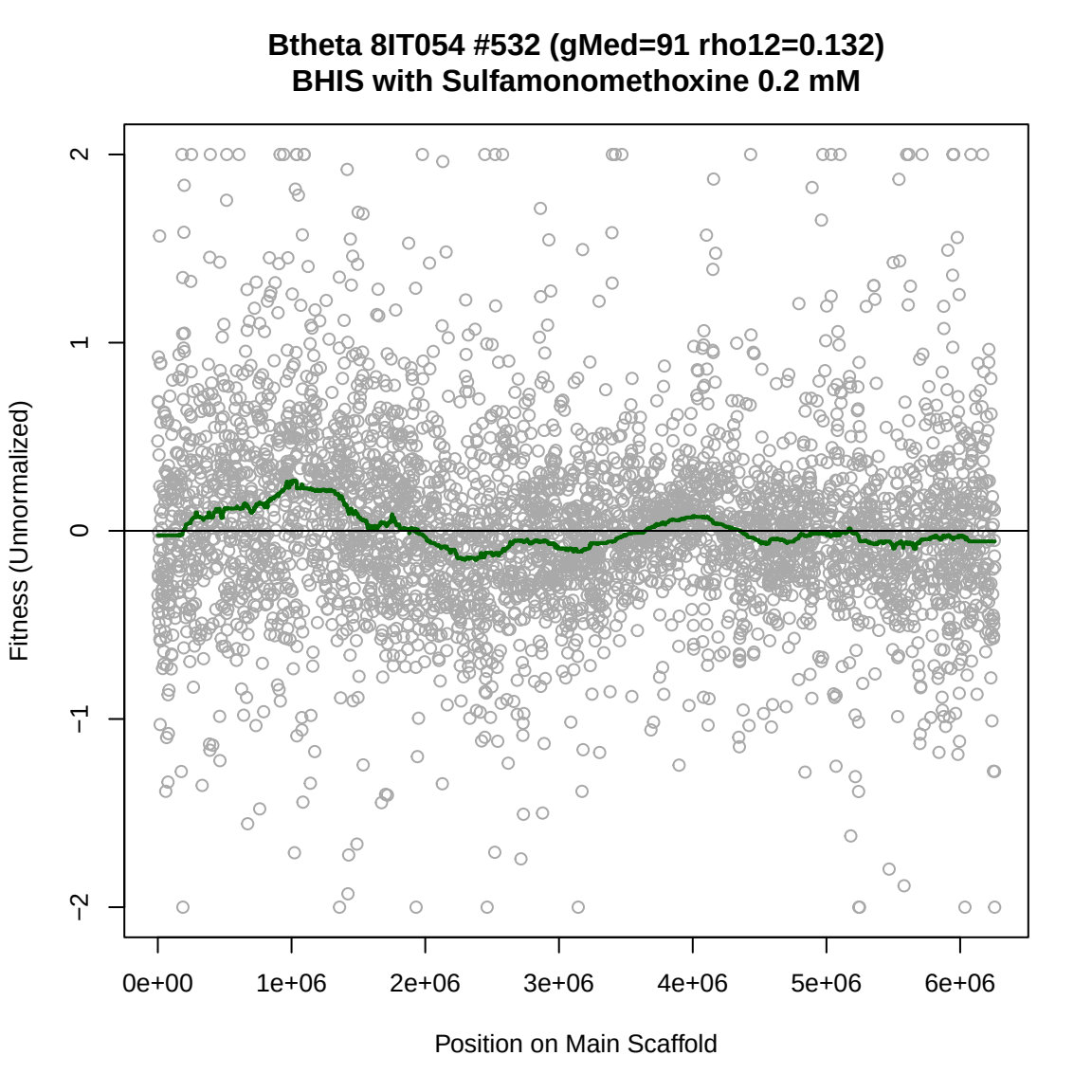

Btheta 8IT049 #527 (gMed=144 rho12=0.104)
BHIS with 5−Fluorouracil 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

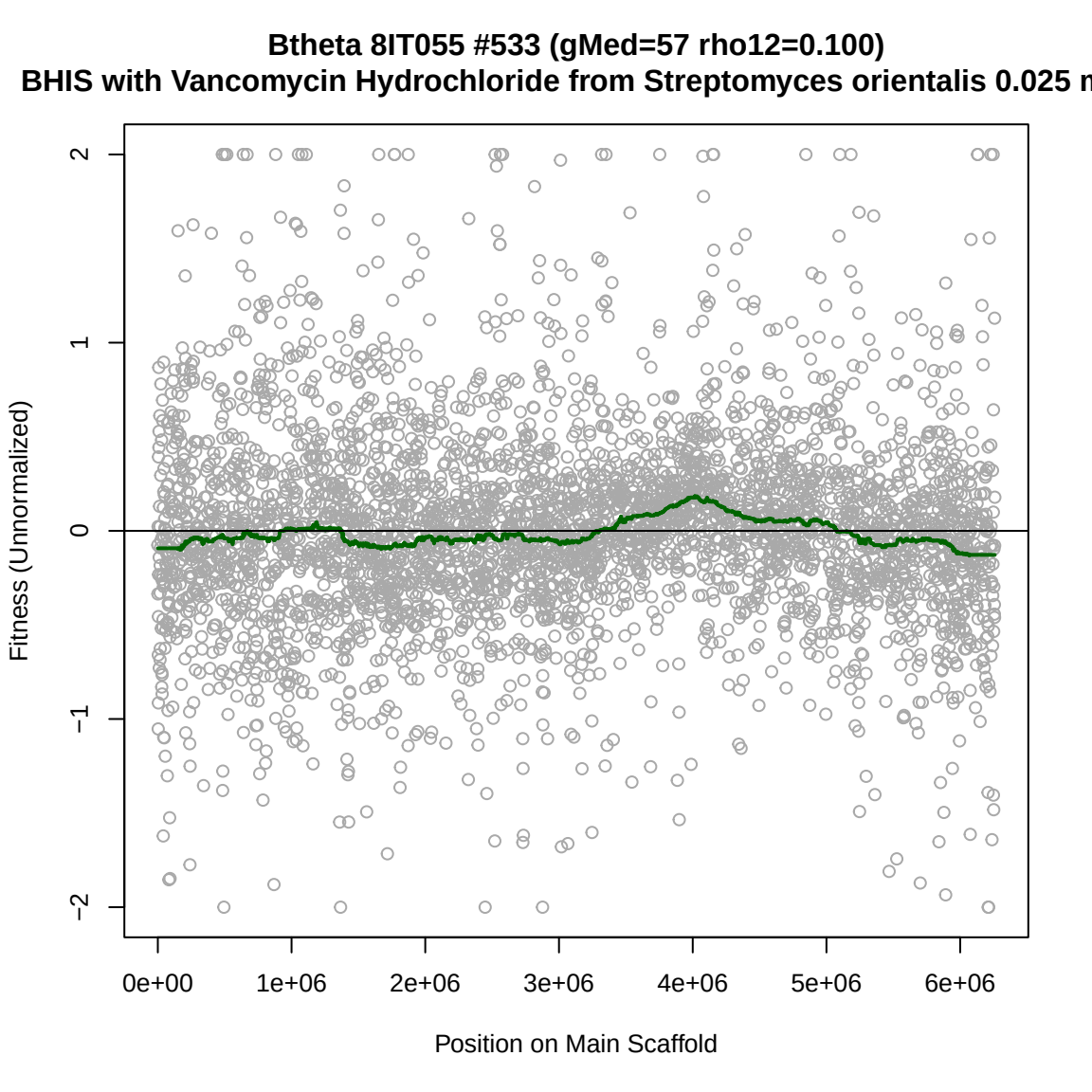

Btheta 8IT050 #528 (gMed=113 rho12=0.116)
BHIS with Ceftriaxone hemi(heptahydrate) 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

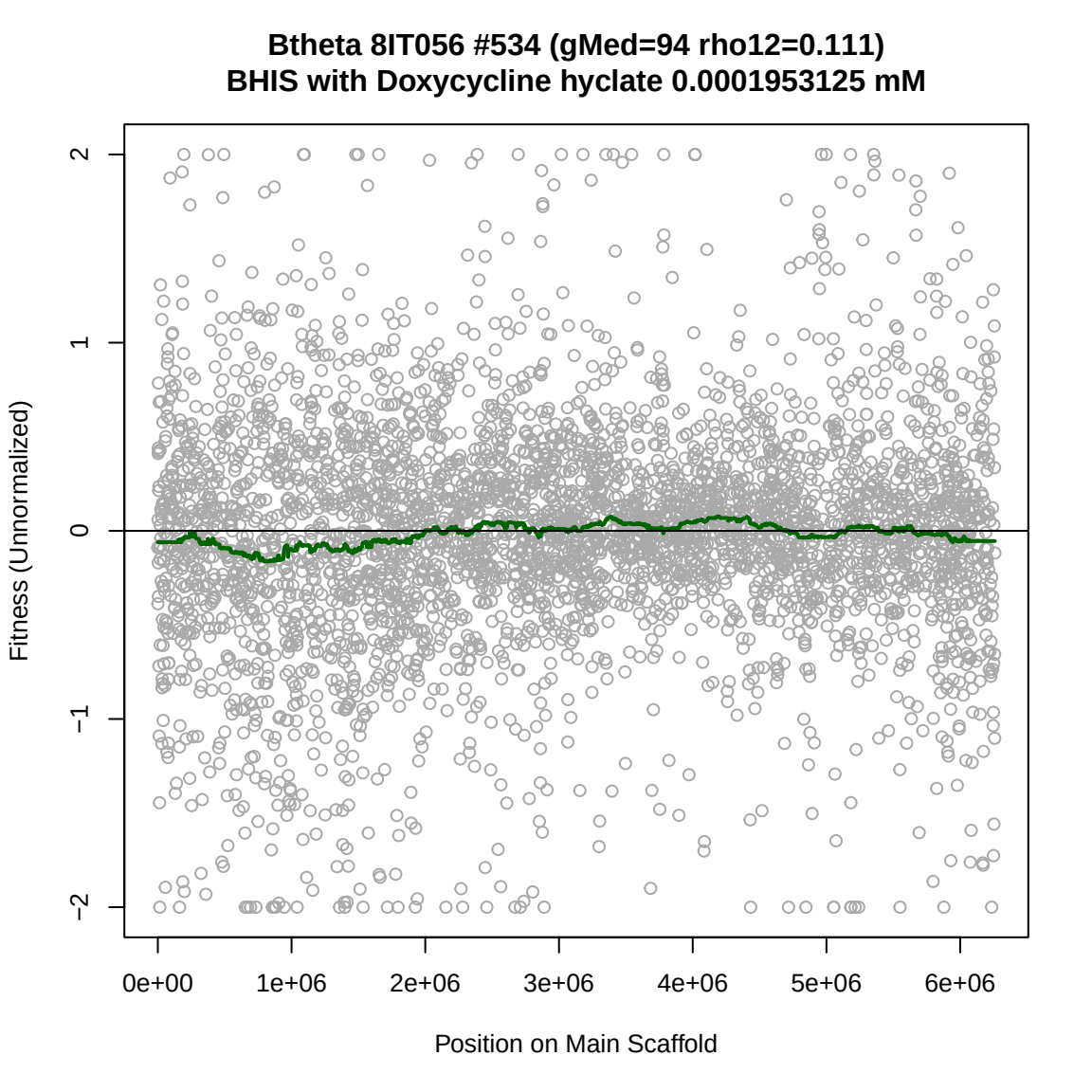

Btheta 8IT051 #529 (gMed=50 rho12=0.021)
BHIS with Ciprofloxacin Hydrochloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

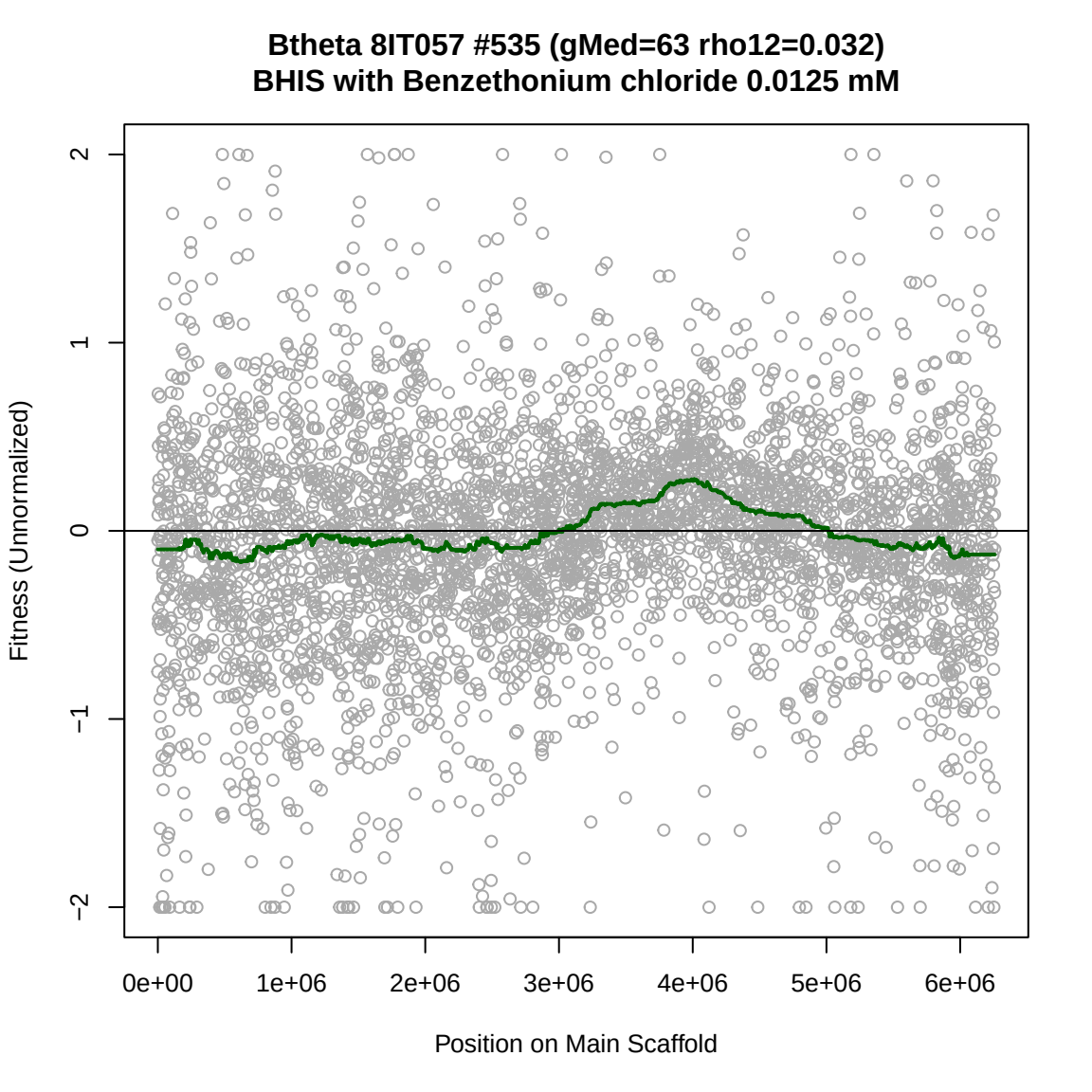

Btheta 8IT052 #530 (gMed=5 rho12=0.095)
BHIS with Econazole nitrate salt 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

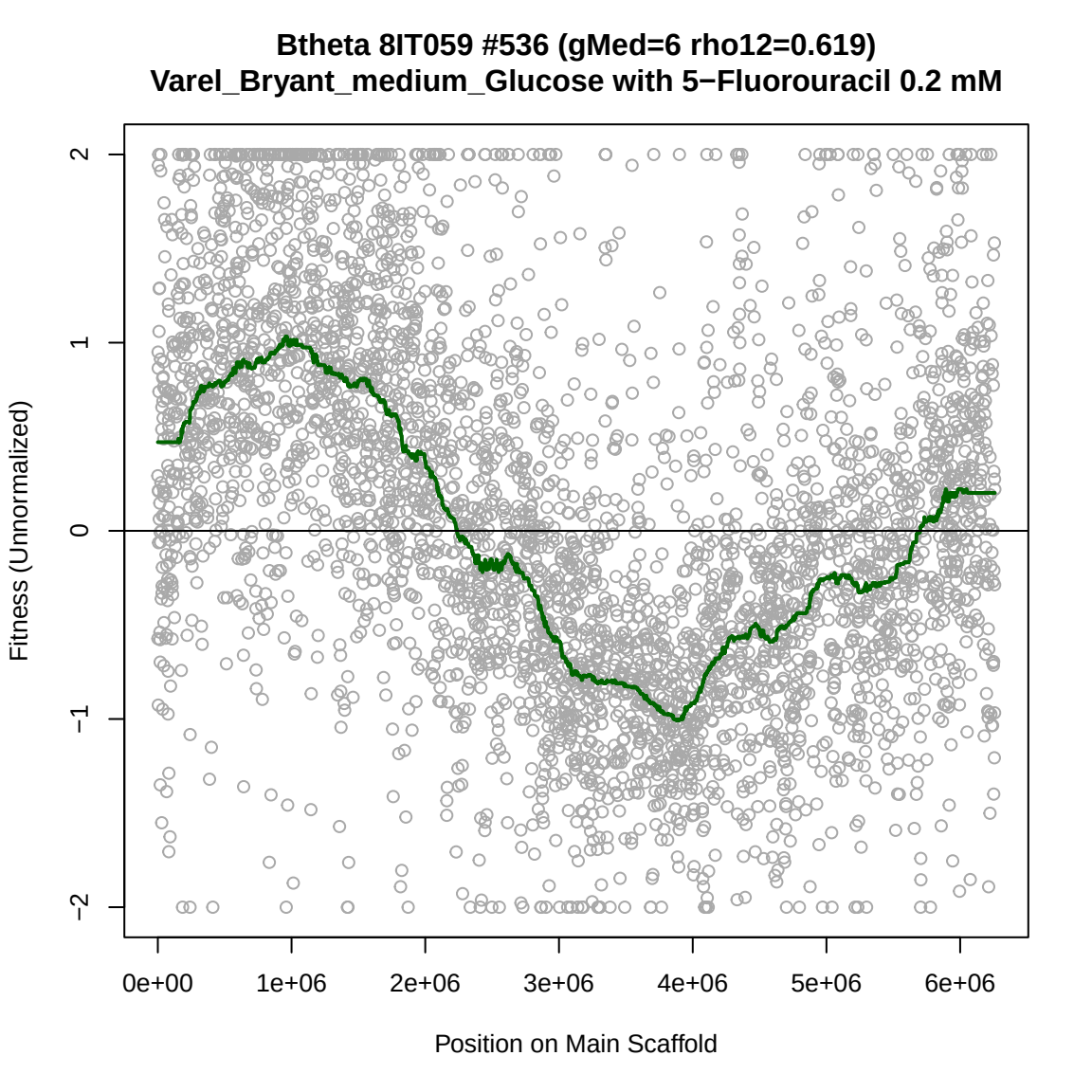

Btheta 8IT053 #531 (gMed=104 rho12=0.092)
BHIS with Lincomycin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

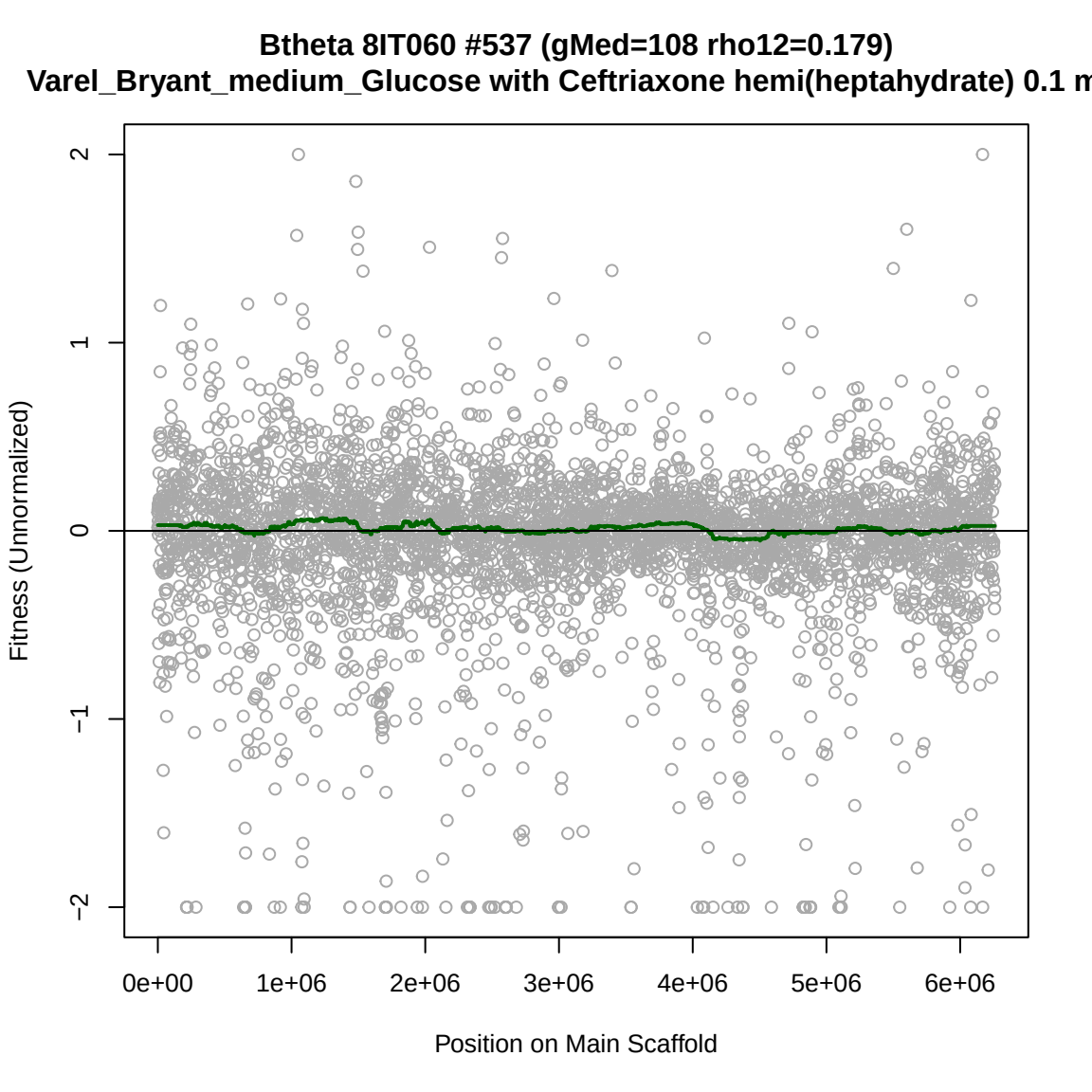

Btheta 8IT054 #532 (gMed=91 rho12=0.132)
BHIS with Sulfamonomethoxine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

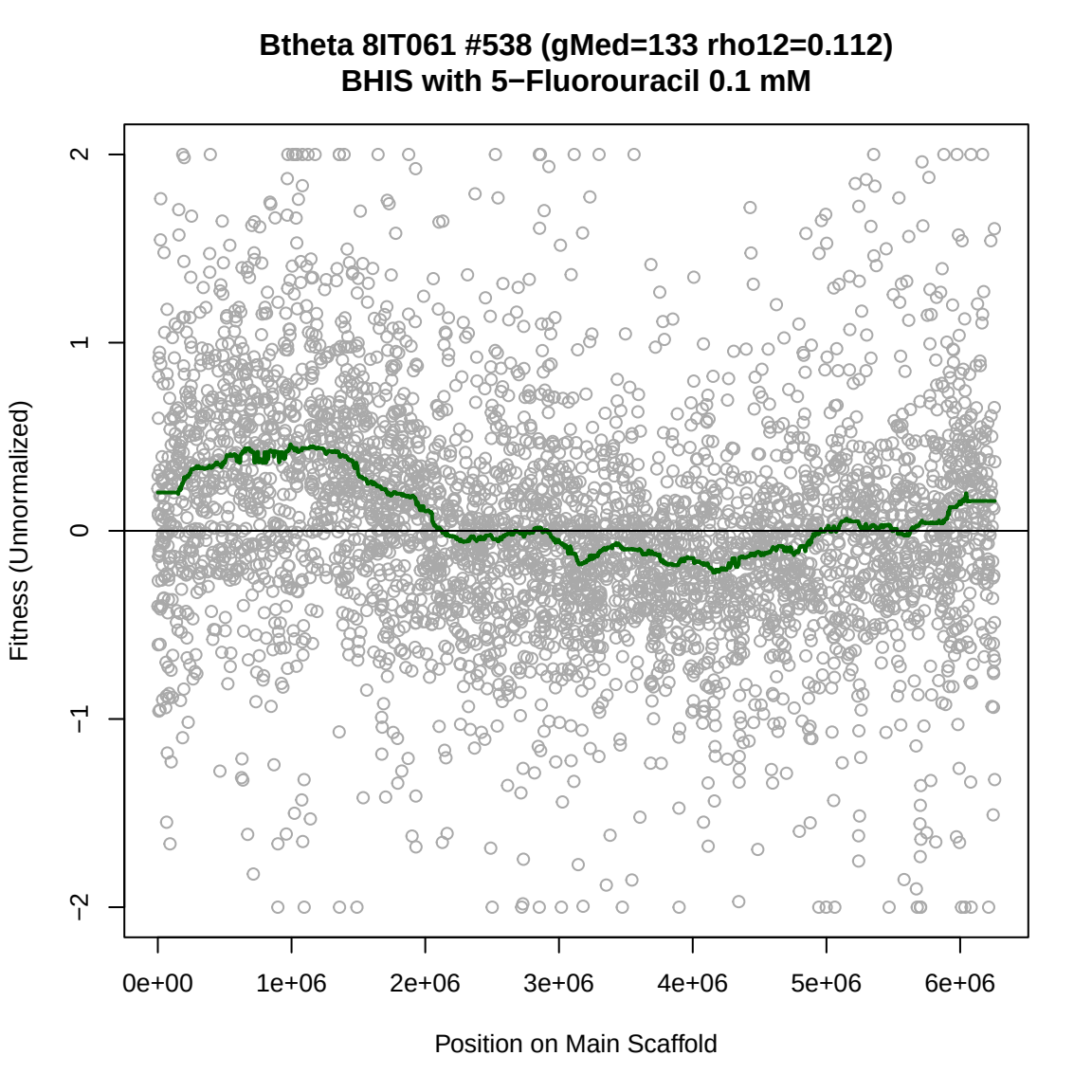

Btheta 8IT055 #533 (gMed=57 rho12=0.100)
BHIS with Vancomycin Hydrochloride from Streptomyces orientalis 0.025 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

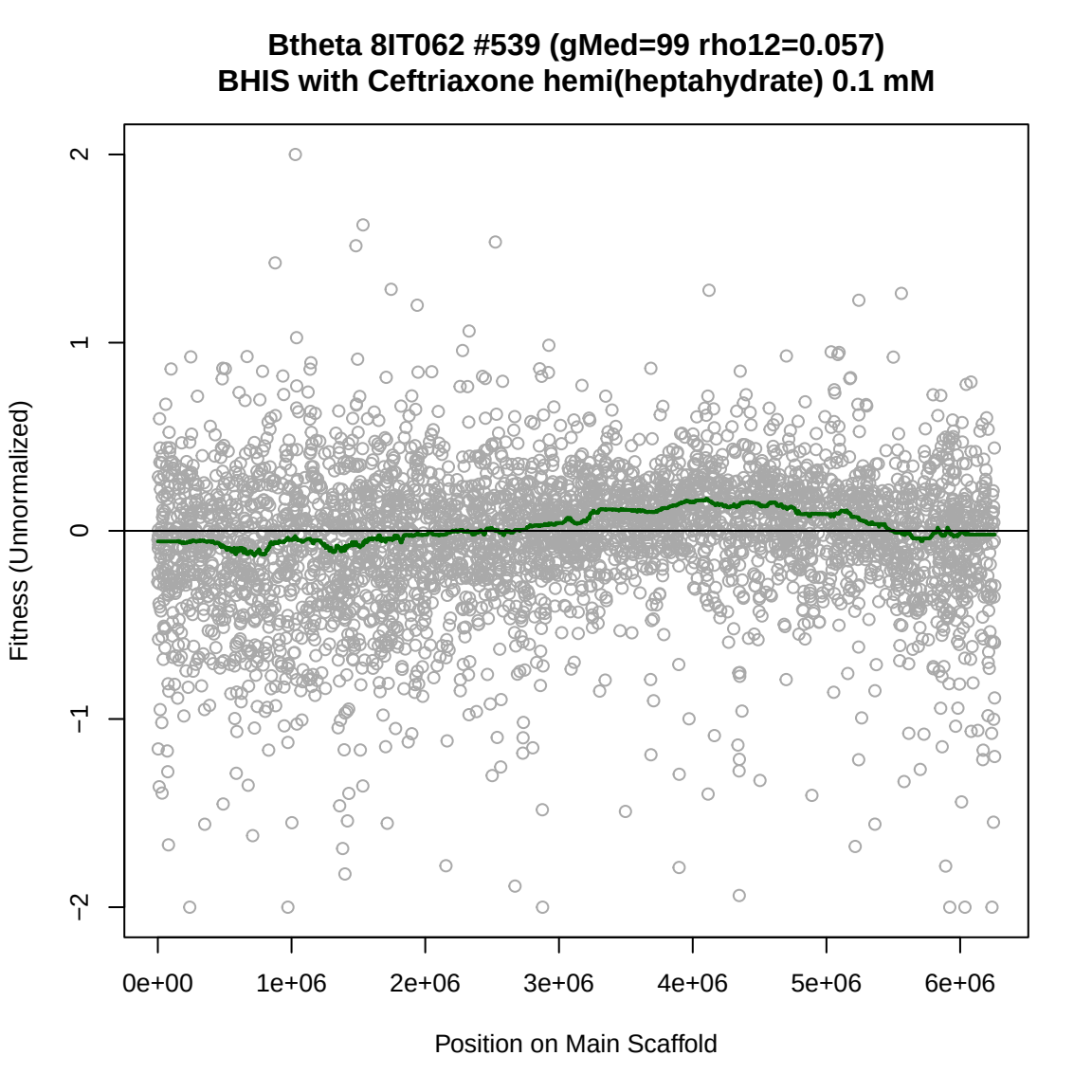

Btheta 8IT056 #534 (gMed=94 rho12=0.111)
BHIS with Doxycycline hyclate 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

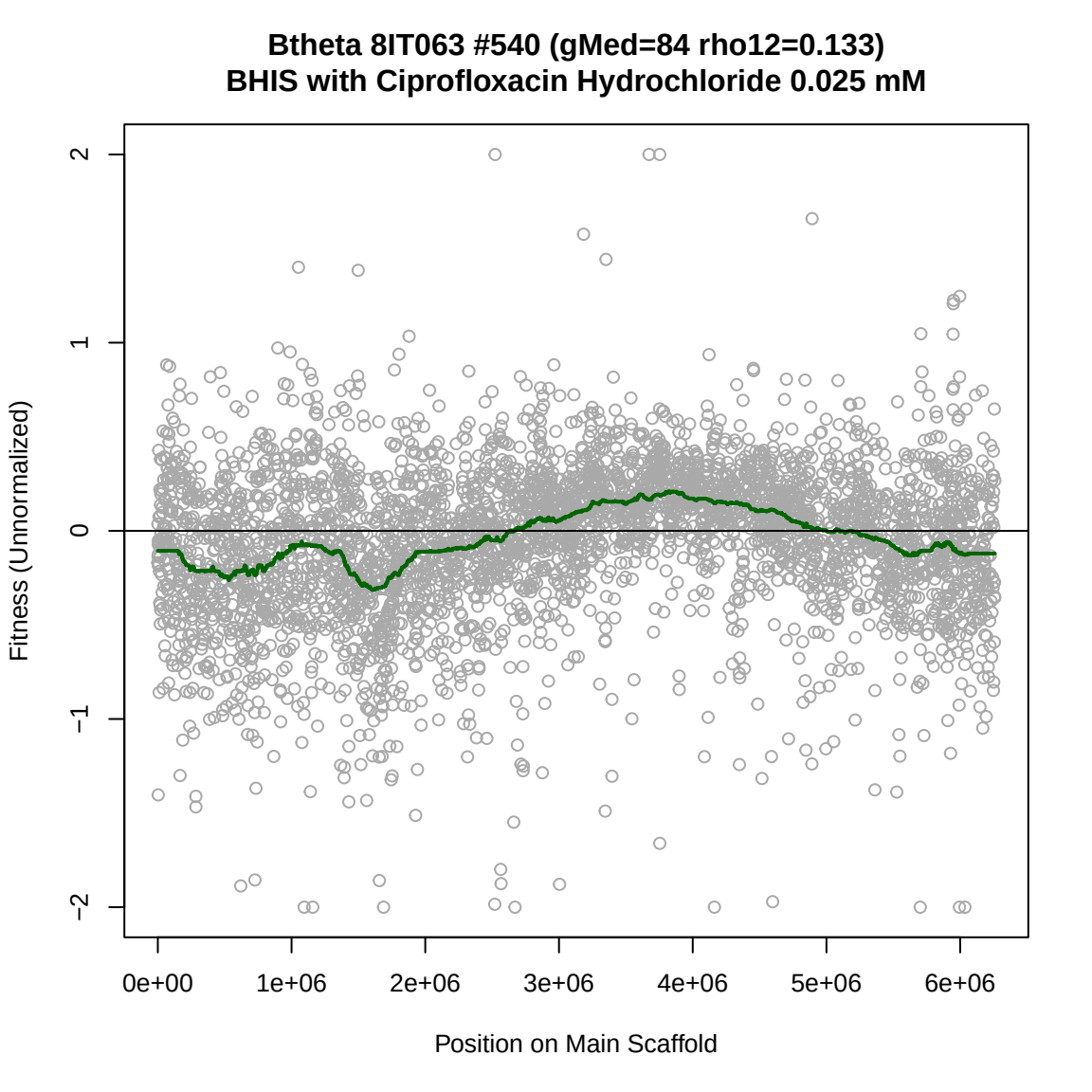

Btheta 8IT057 #535 (gMed=63 rho12=0.032)
BHIS with Benzethonium chloride 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

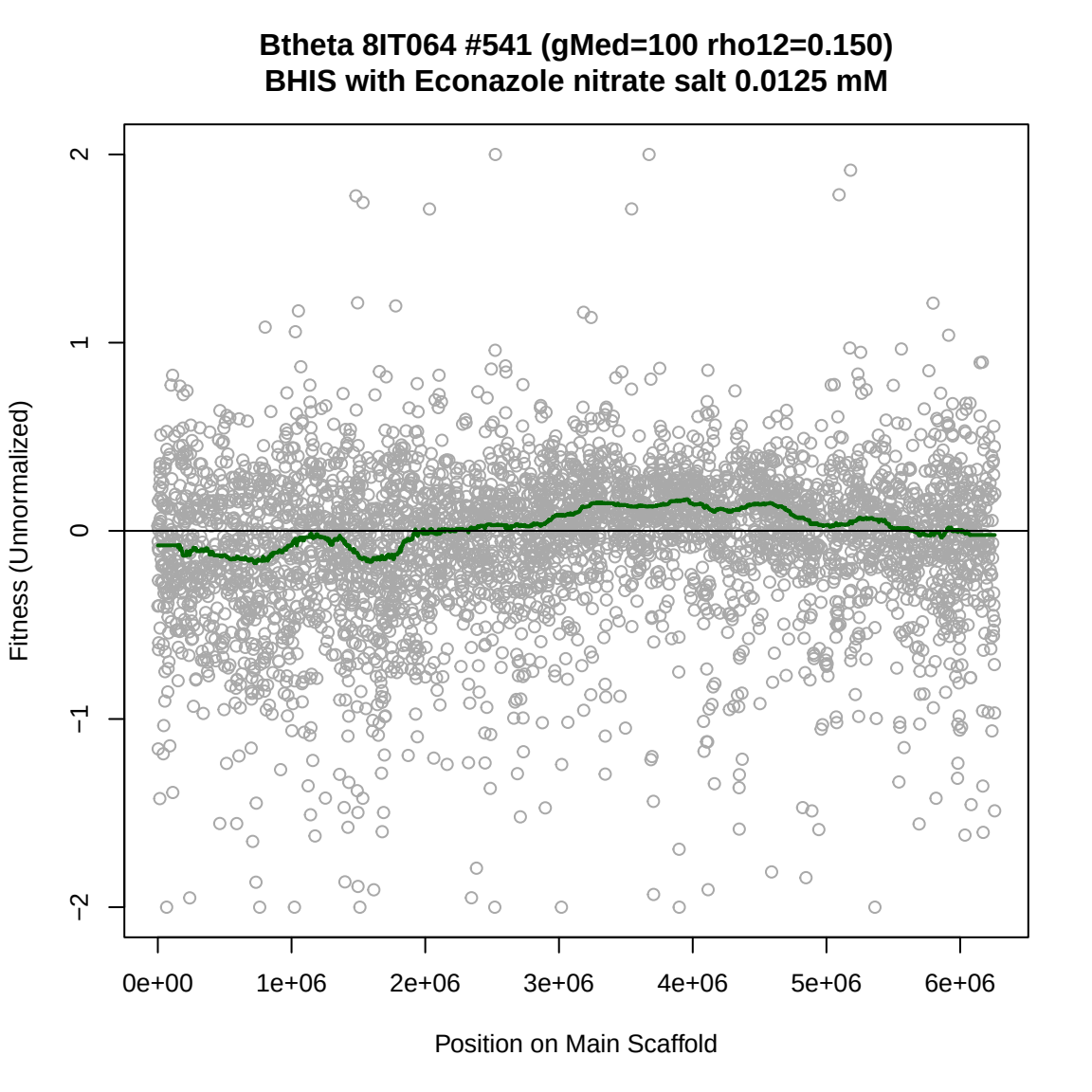

Btheta 8IT059 #536 (gMed=6 rho12=0.619)
Varel_Bryant_medium_Glucose with 5−Fluorouracil 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

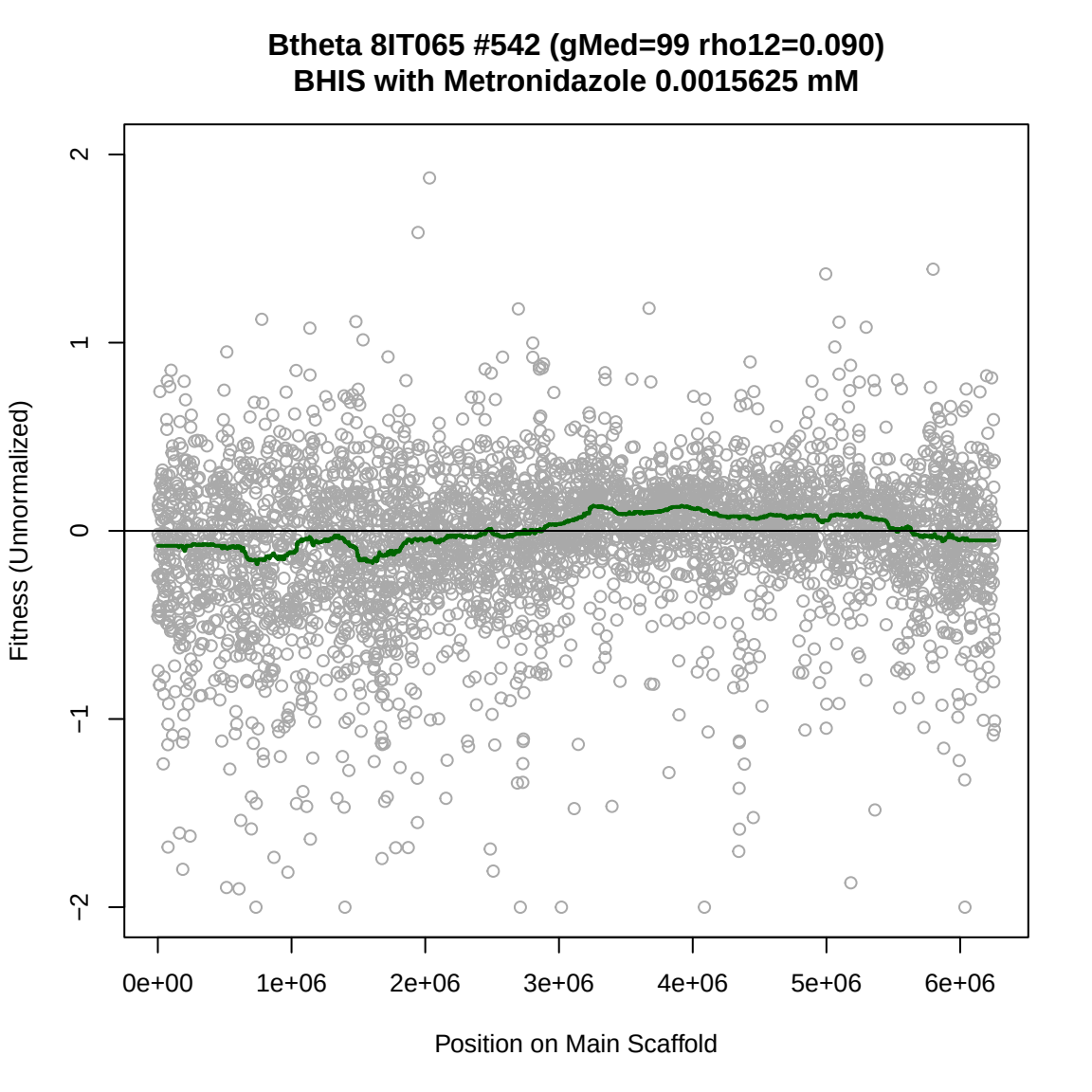

Btheta 8IT060 #537 (gMed=108 rho12=0.179)
Varel_Bryant_medium_Glucose with Ceftriaxone hemi(heptahydrate) 0.1 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

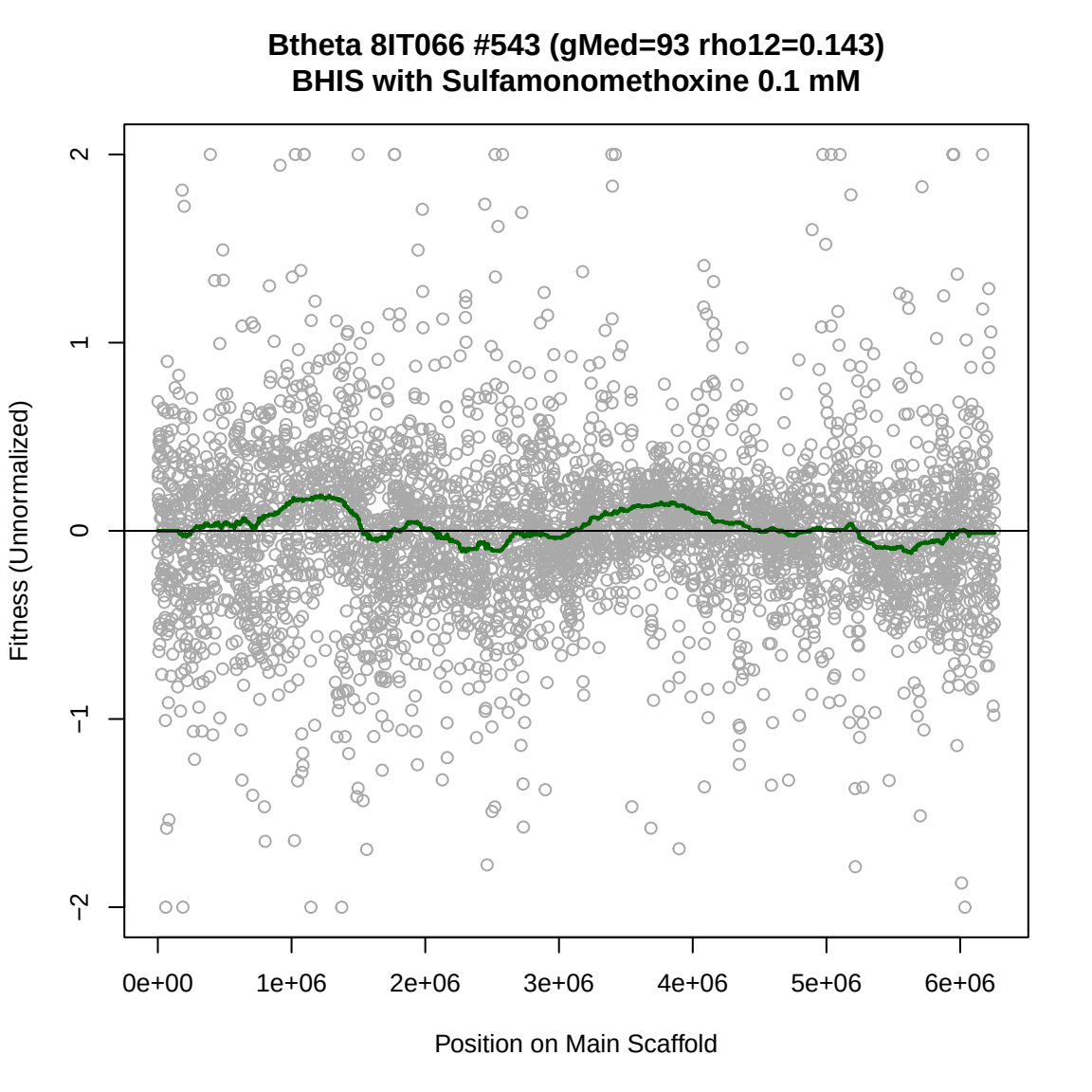

Btheta 8IT061 #538 (gMed=133 rho12=0.112)
BHIS with 5−Fluorouracil 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

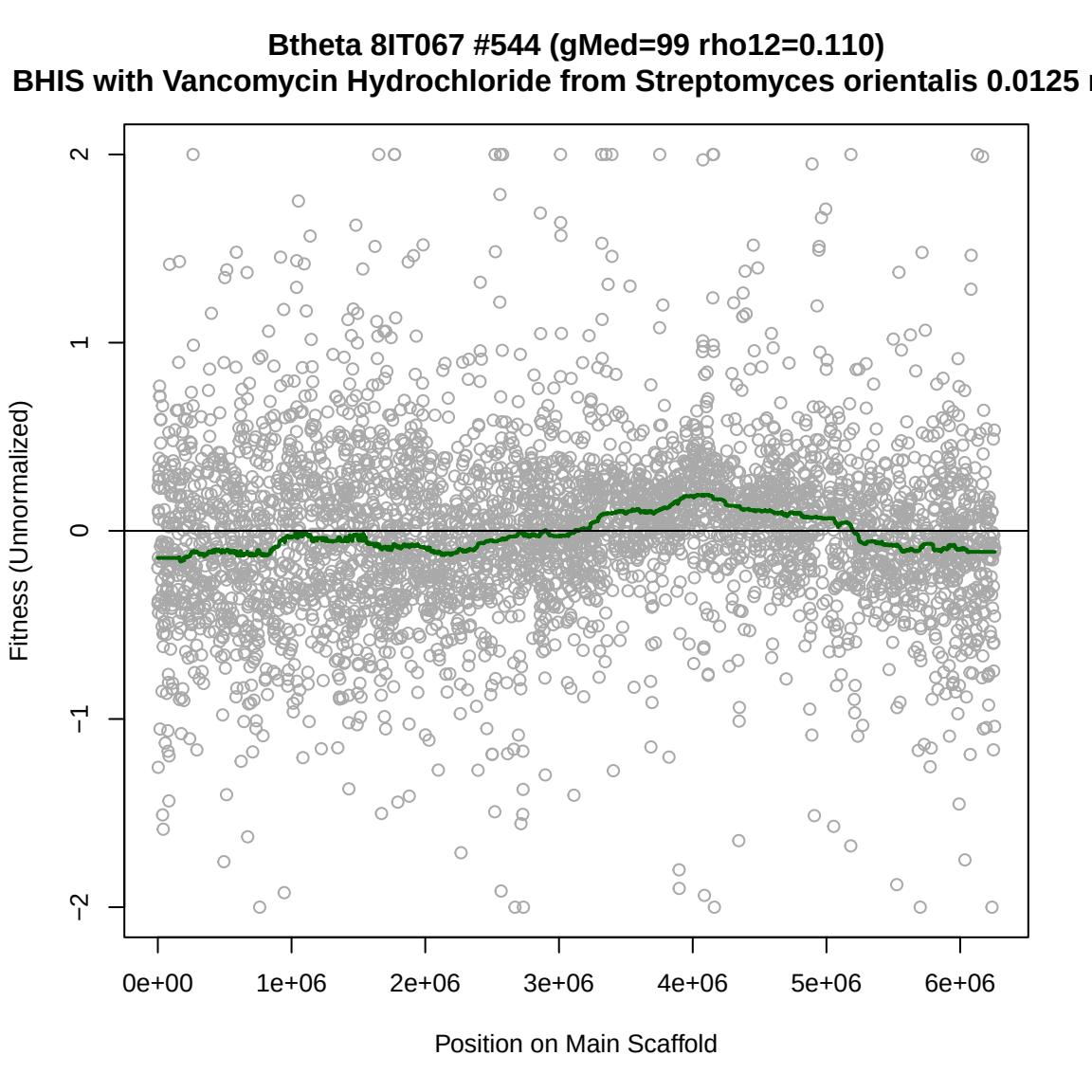

Btheta 8IT062 #539 (gMed=99 rho12=0.057)
BHIS with Ceftriaxone hemi(heptahydrate) 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

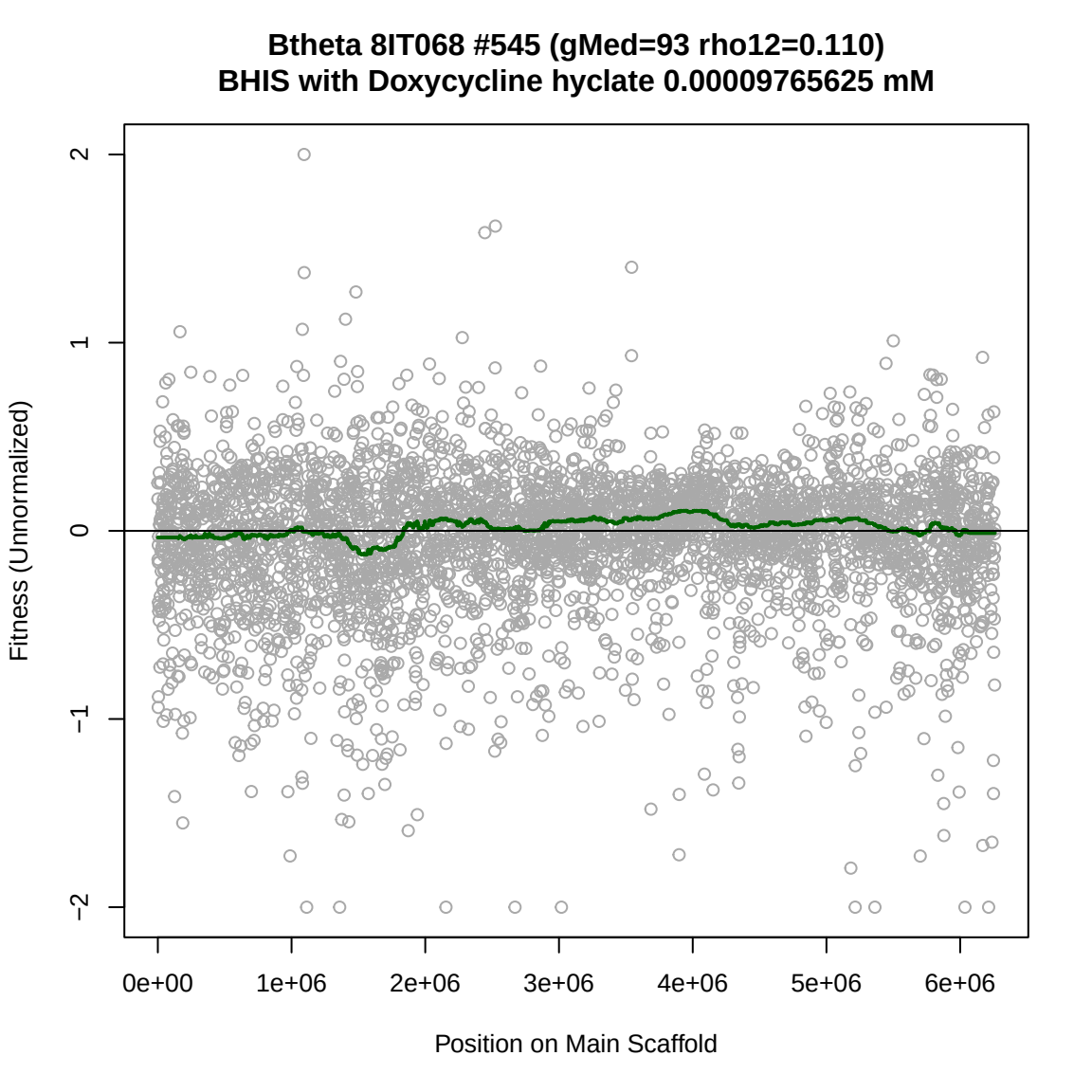

Btheta 8IT063 #540 (gMed=84 rho12=0.133)
BHIS with Ciprofloxacin Hydrochloride 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

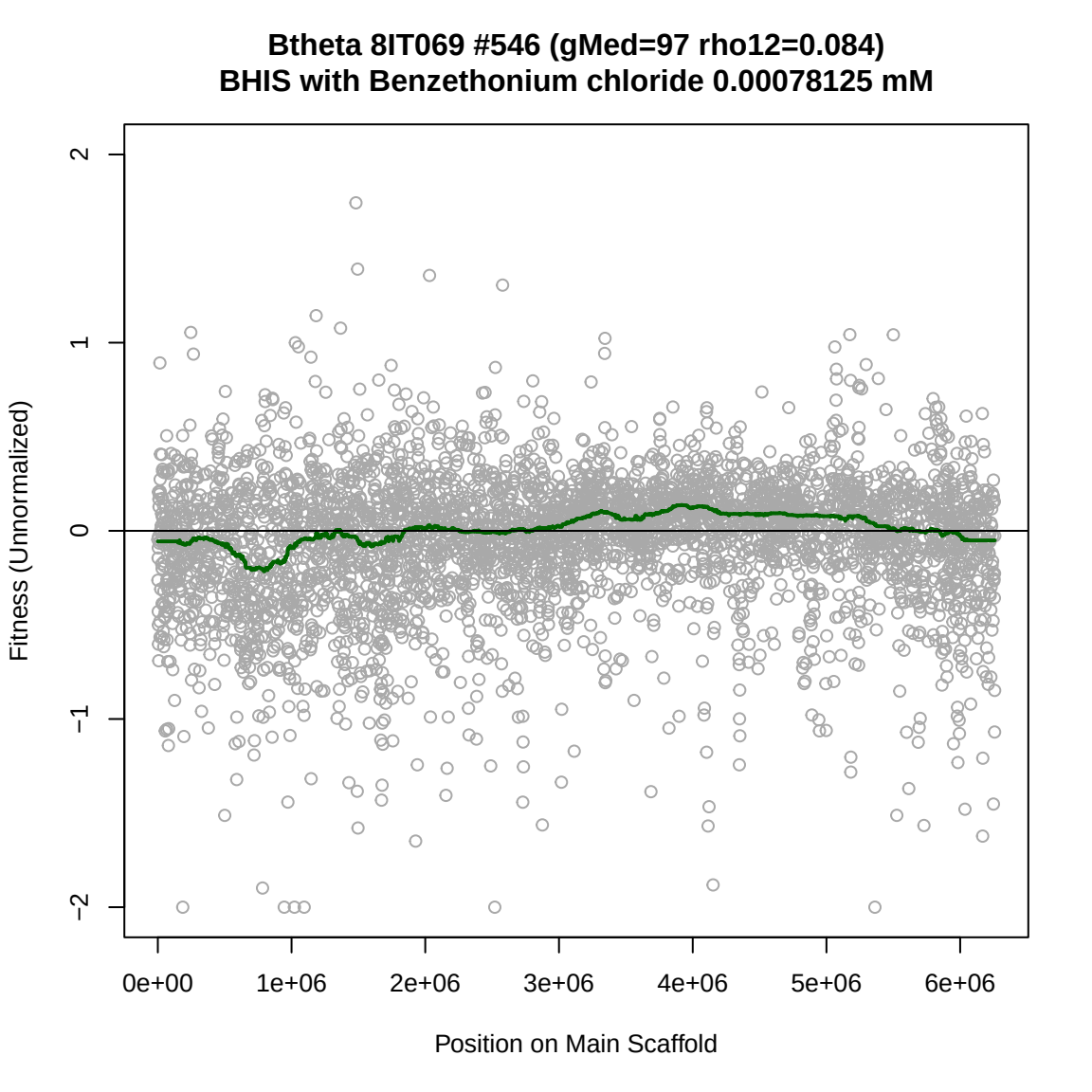

Btheta 8IT064 #541 (gMed=100 rho12=0.150)
BHIS with Econazole nitrate salt 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

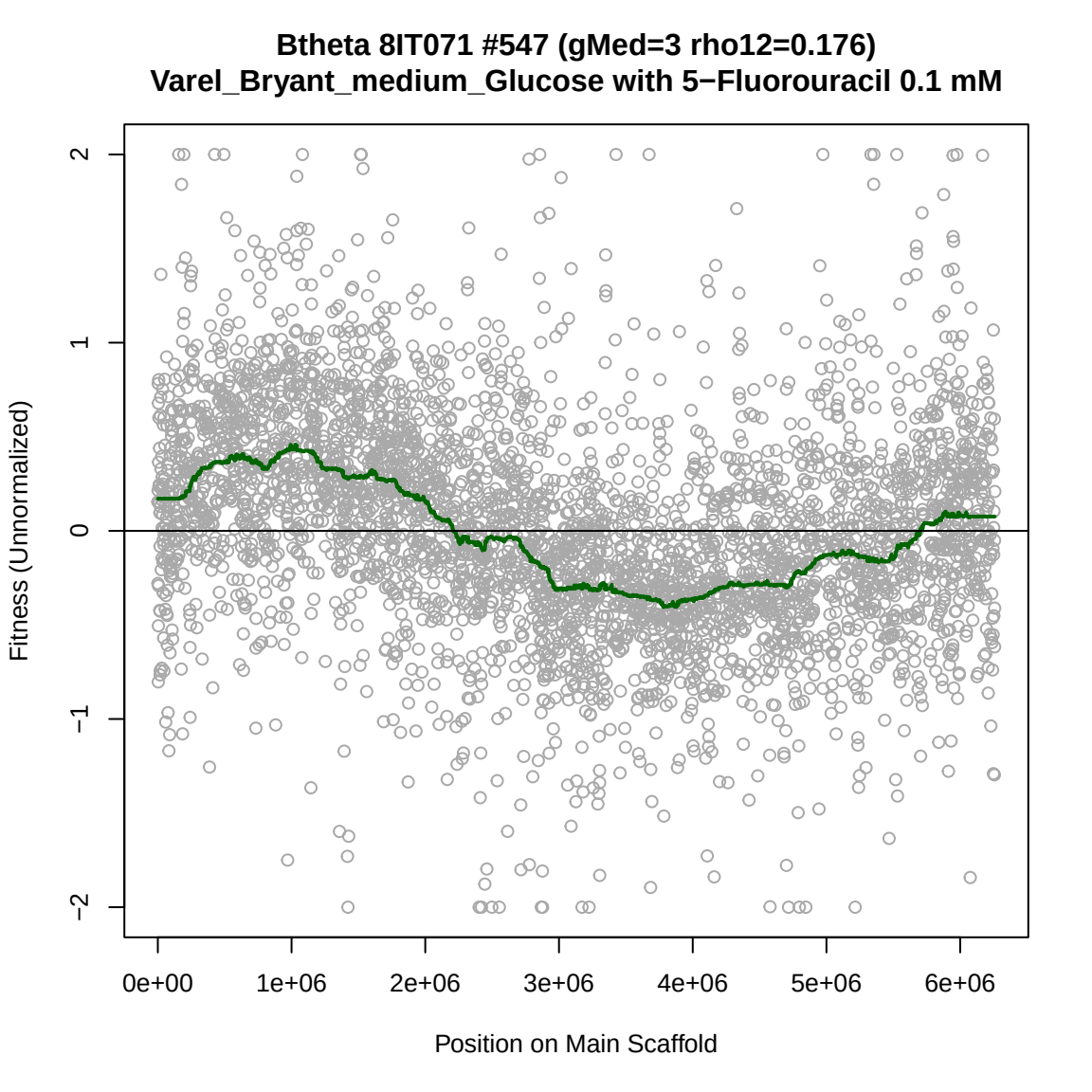

Btheta 8IT065 #542 (gMed=99 rho12=0.090)
BHIS with Metronidazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

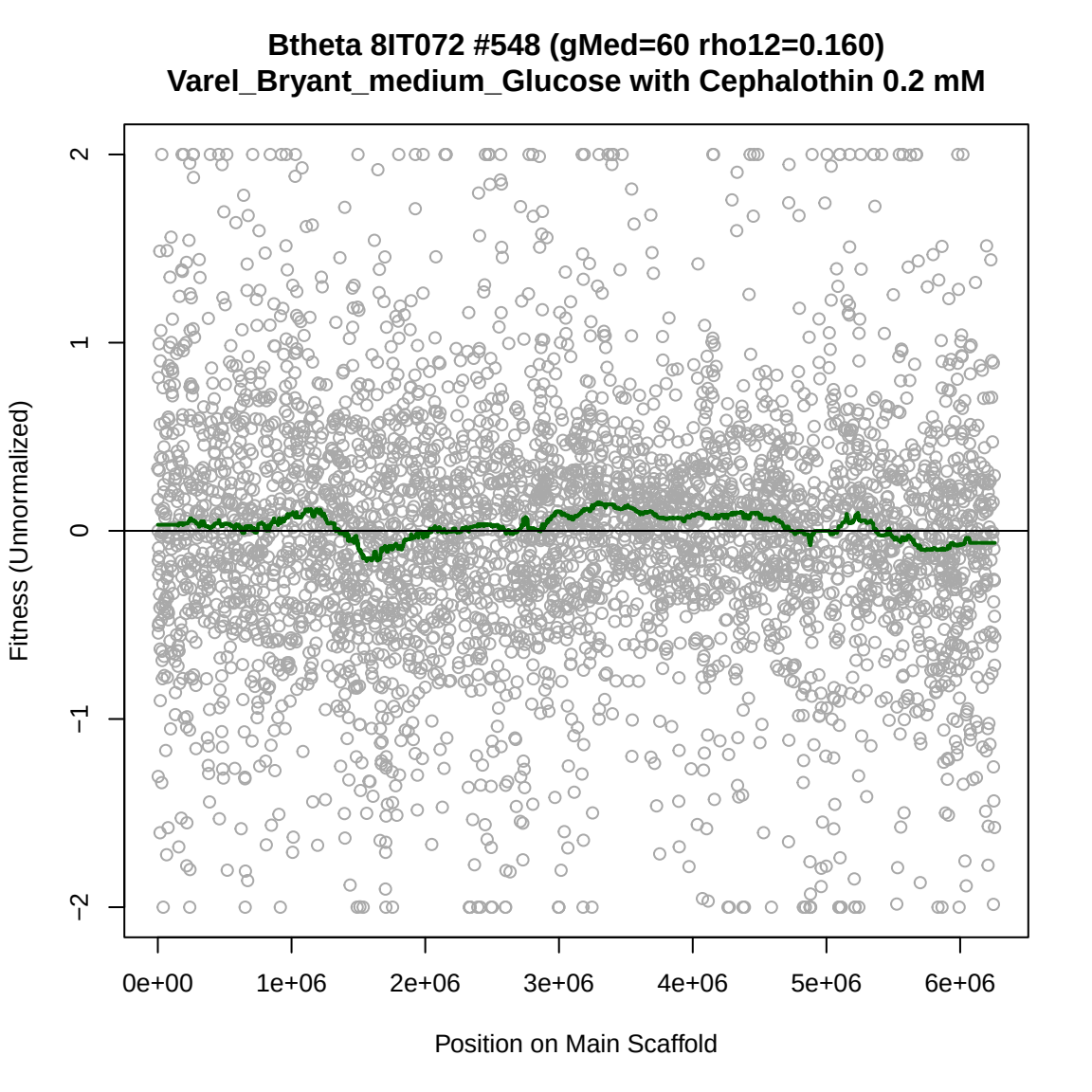

Btheta 8IT066 #543 (gMed=93 rho12=0.143)
BHIS with Sulfamonomethoxine 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

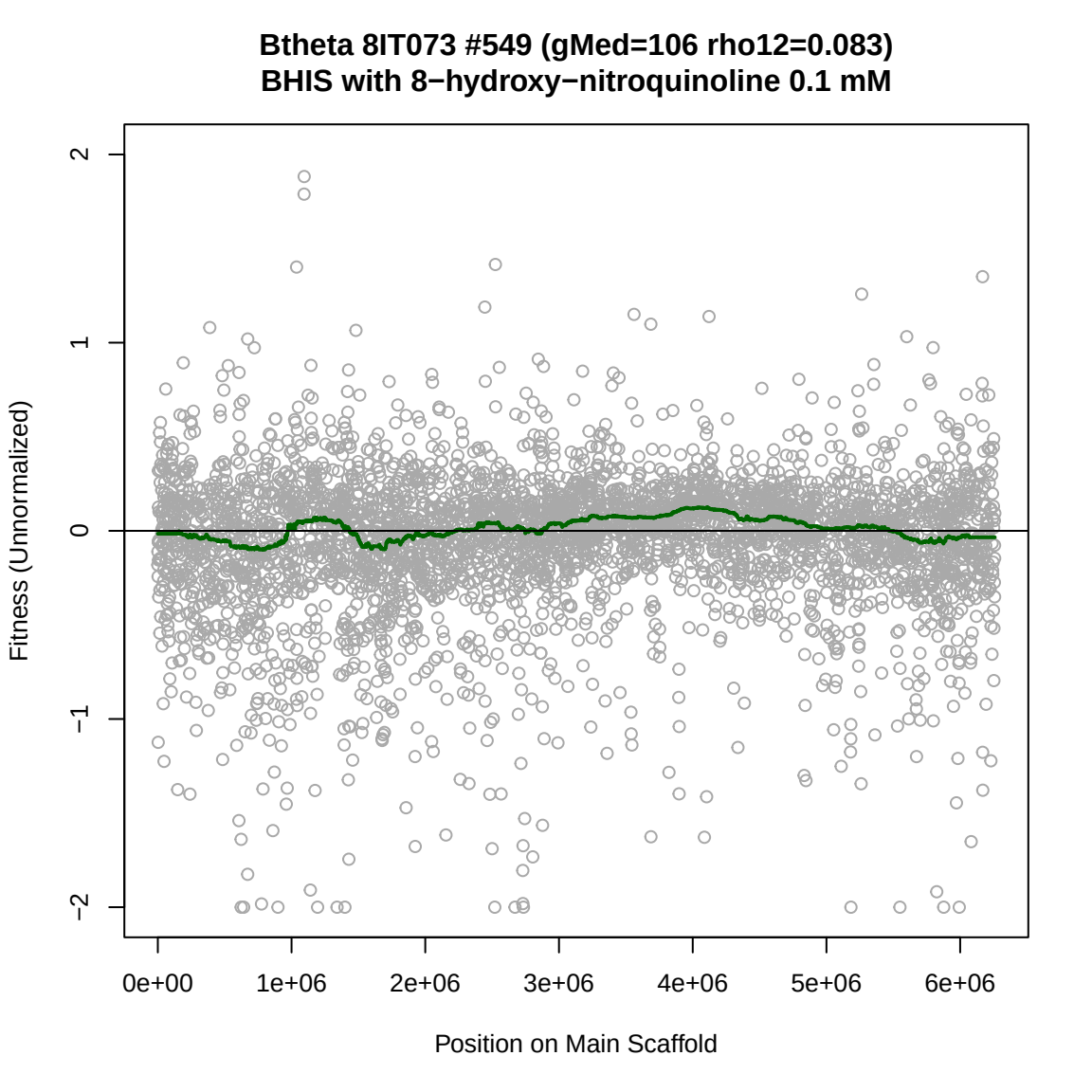

Btheta 8IT067 #544 (gMed=99 rho12=0.110)
BHIS with Vancomycin Hydrochloride from Streptomyces orientalis 0.0125
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

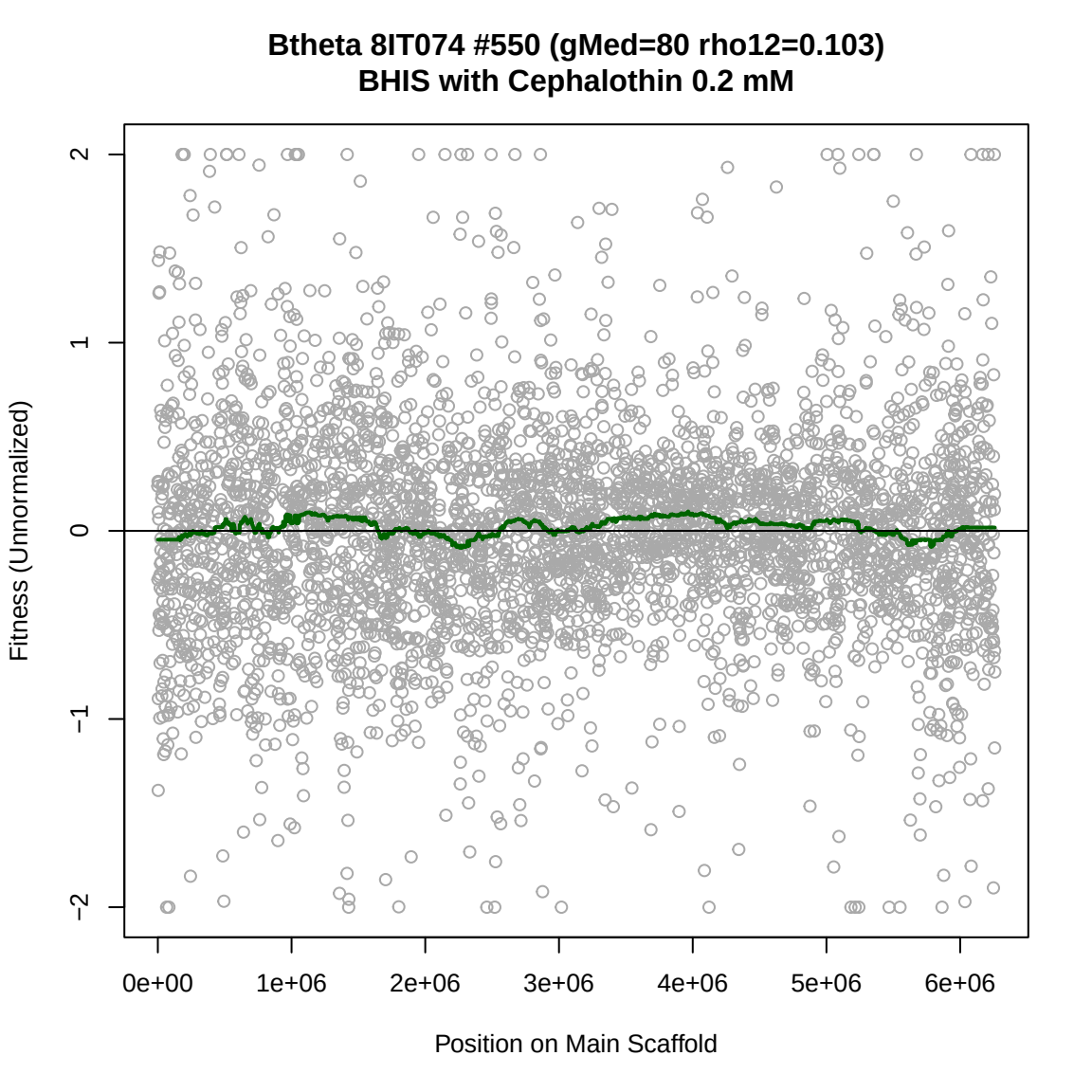

Btheta 8IT068 #545 (gMed=93 rho12=0.110)
BHIS with Doxycycline hyclate 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

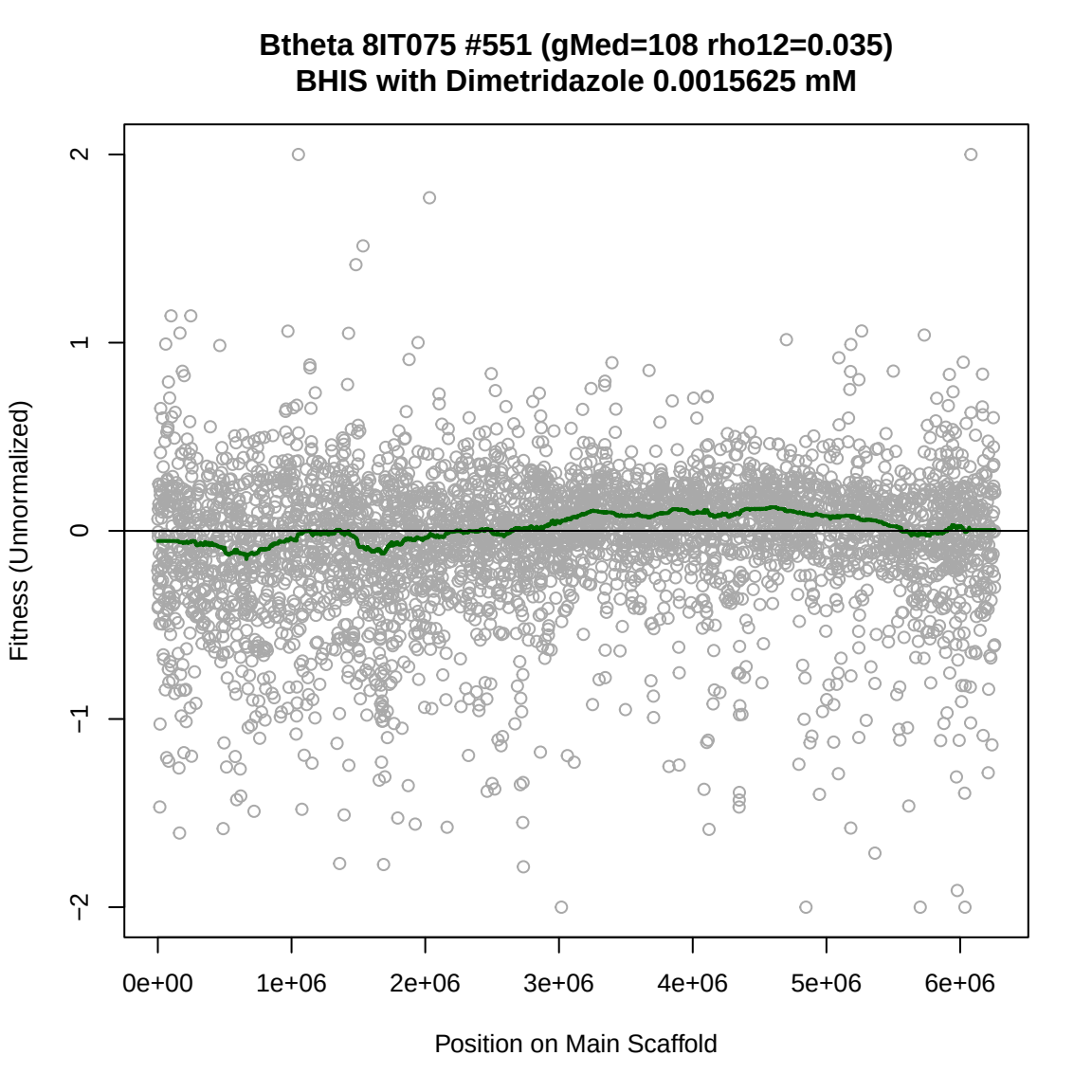

Btheta 8IT069 #546 (gMed=97 rho12=0.084)
BHIS with Benzethonium chloride 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

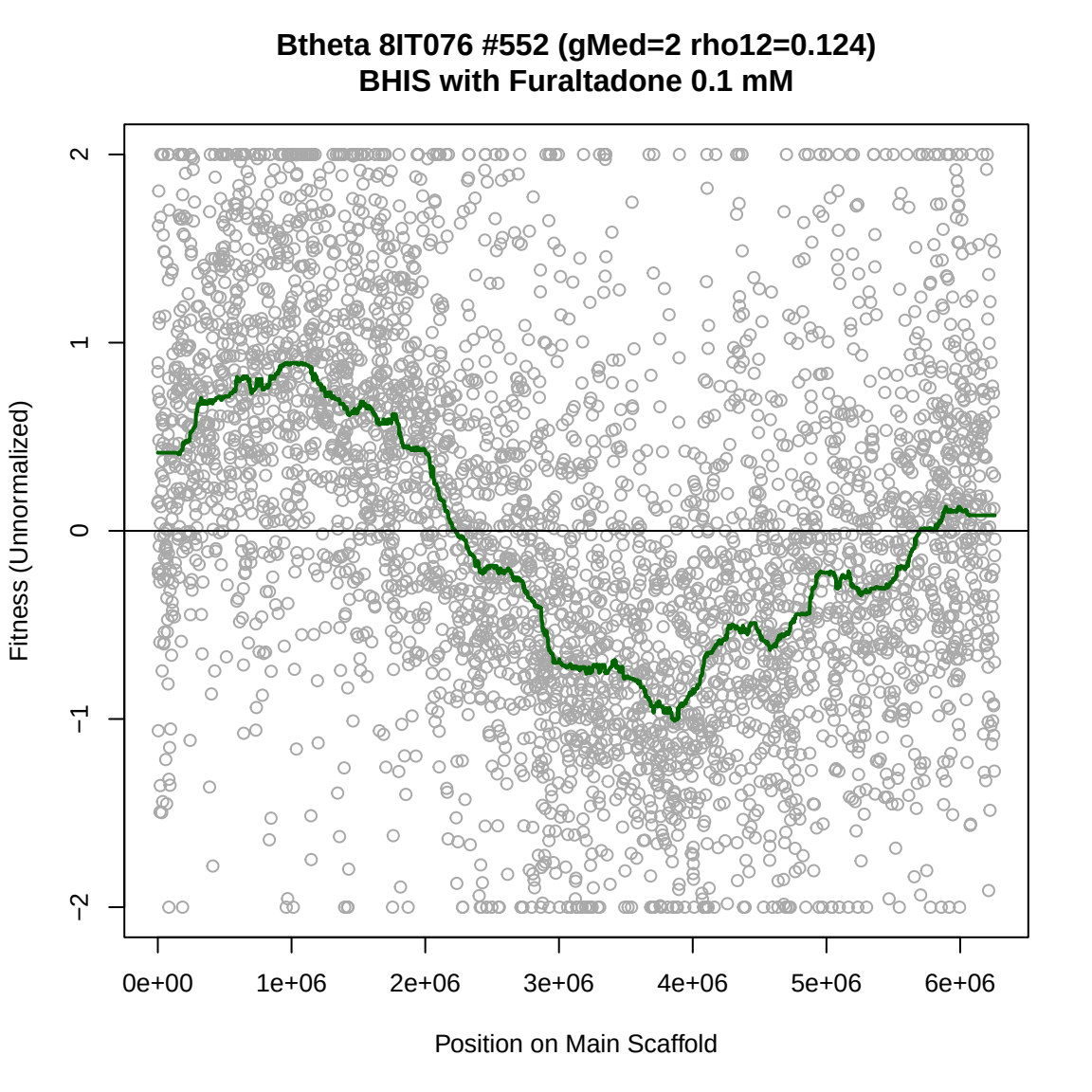

Btheta 8IT071 #547 (gMed=3 rho12=0.176)
Varel_Bryant_medium_Glucose with 5−Fluorouracil 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

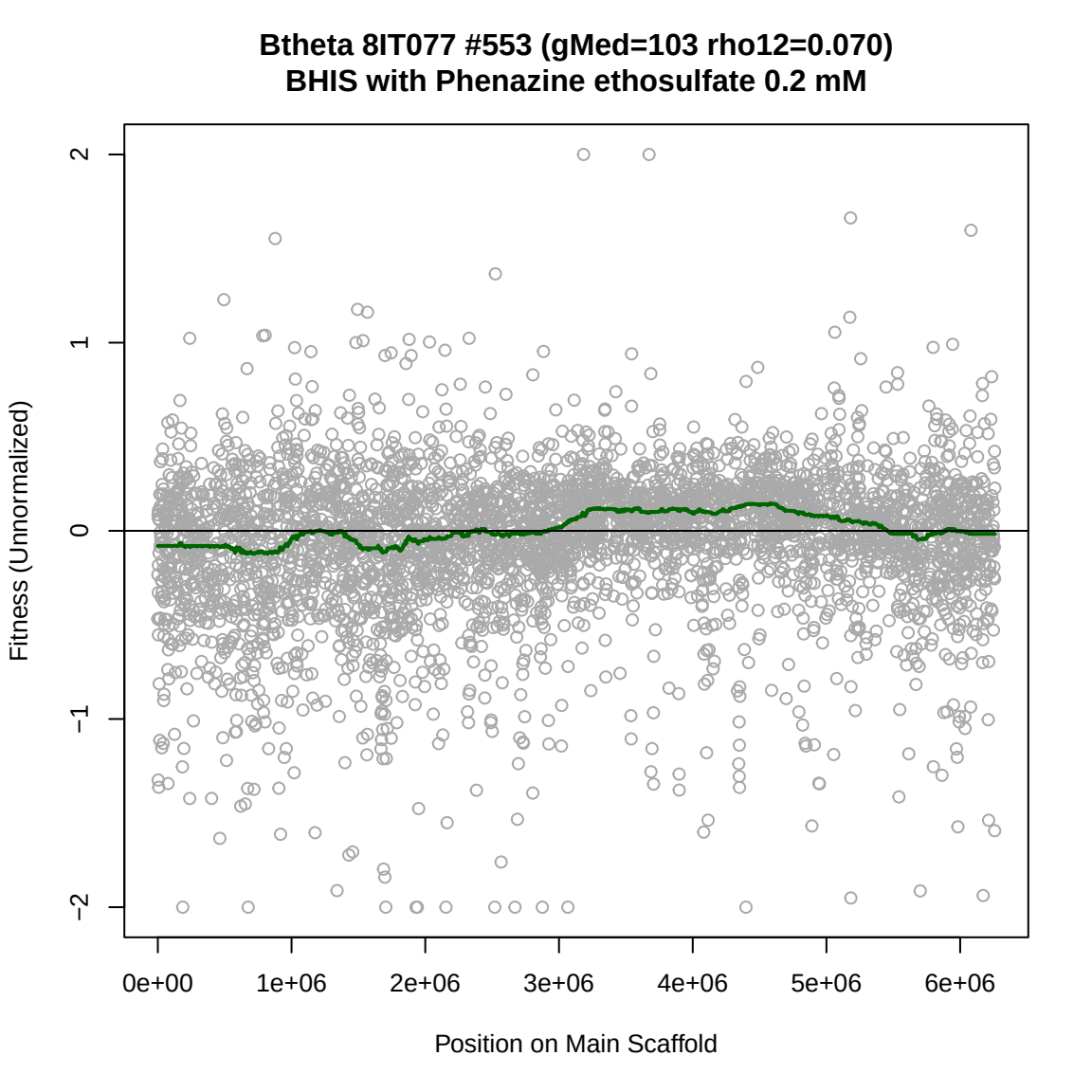

Btheta 8IT072 #548 (gMed=60 rho12=0.160)
Varel_Bryant_medium_Glucose with Cephalothin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

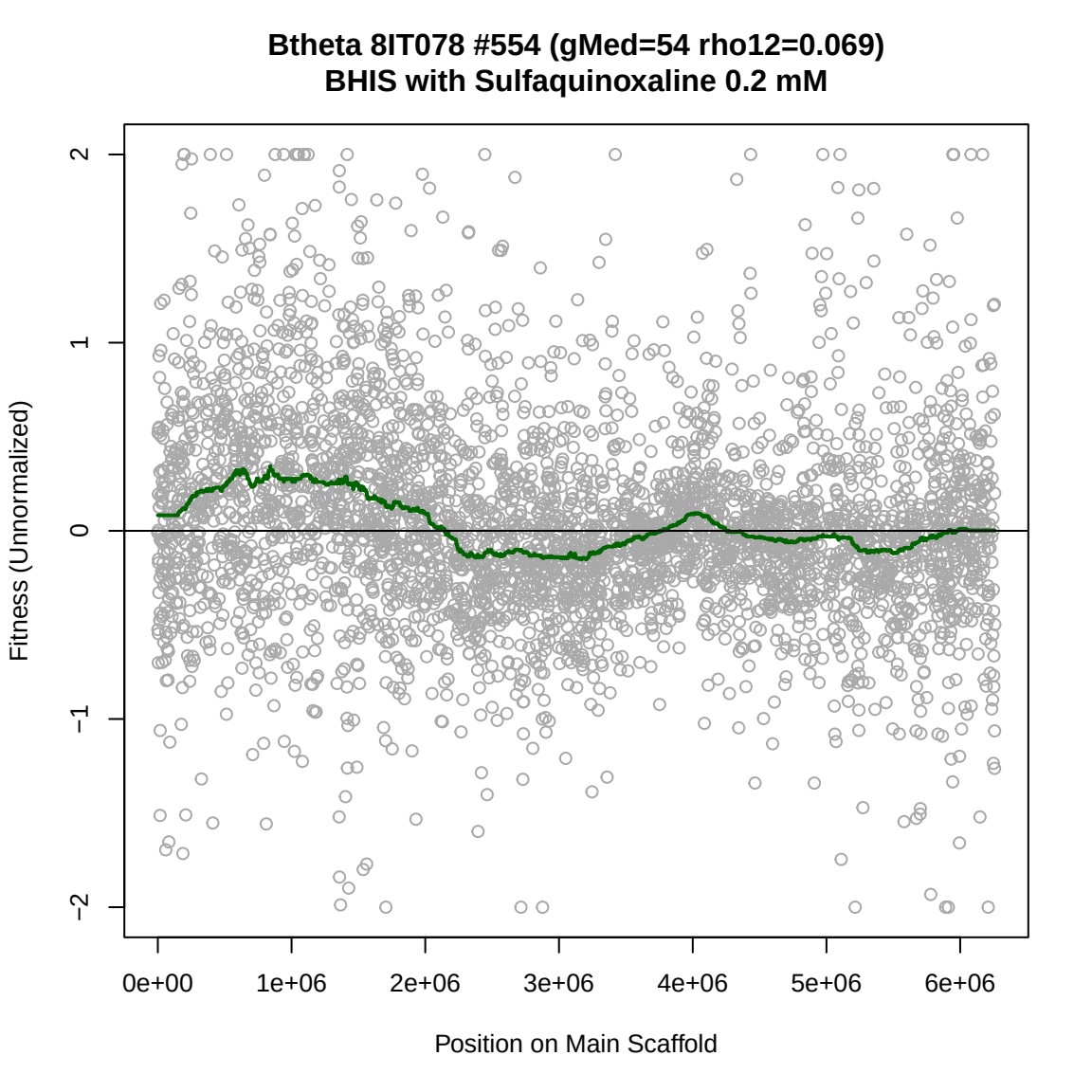

Btheta 8IT073 #549 (gMed=106 rho12=0.083)
BHIS with 8−hydroxy−nitroquinoline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

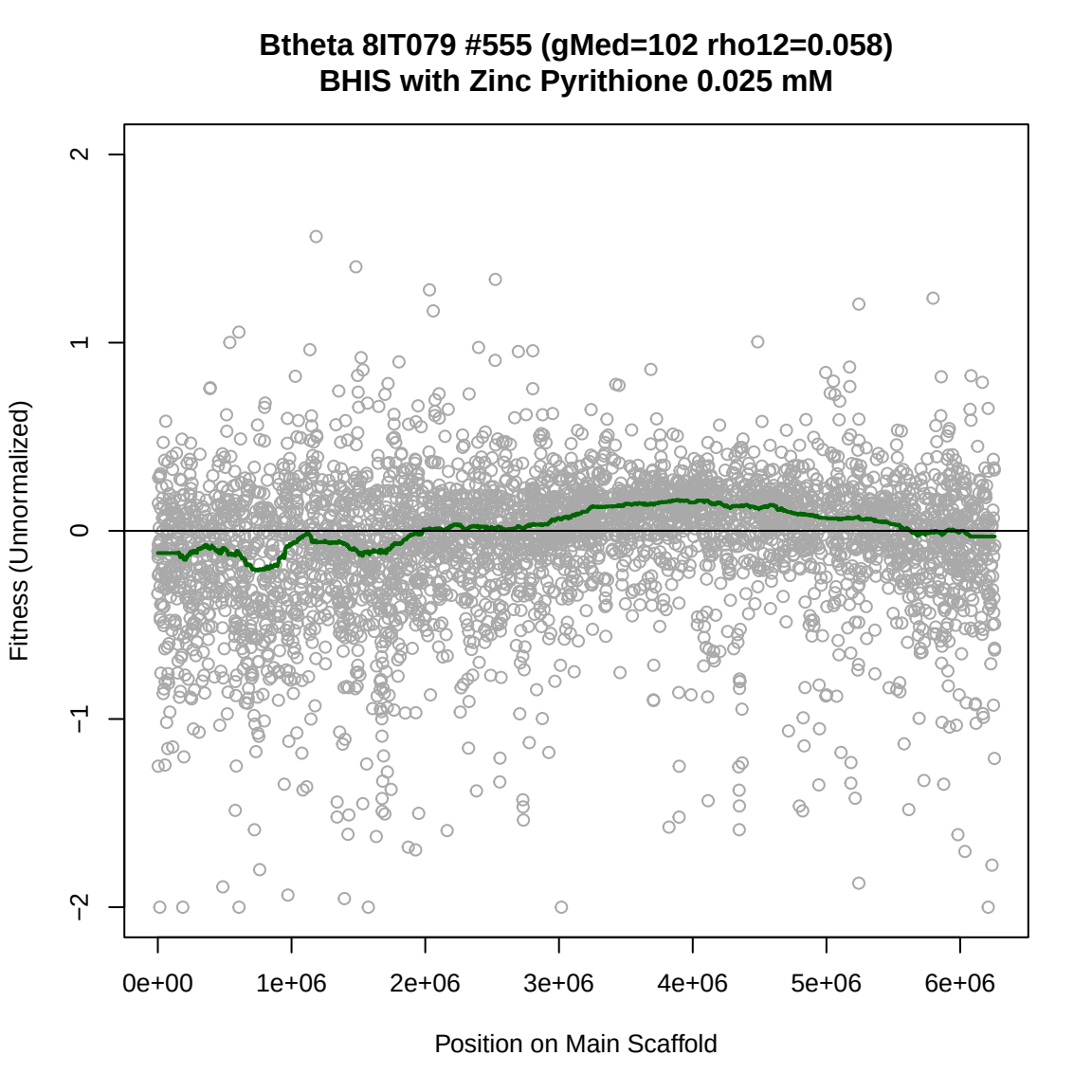

Btheta 8IT074 #550 (gMed=80 rho12=0.103)
BHIS with Cephalothin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

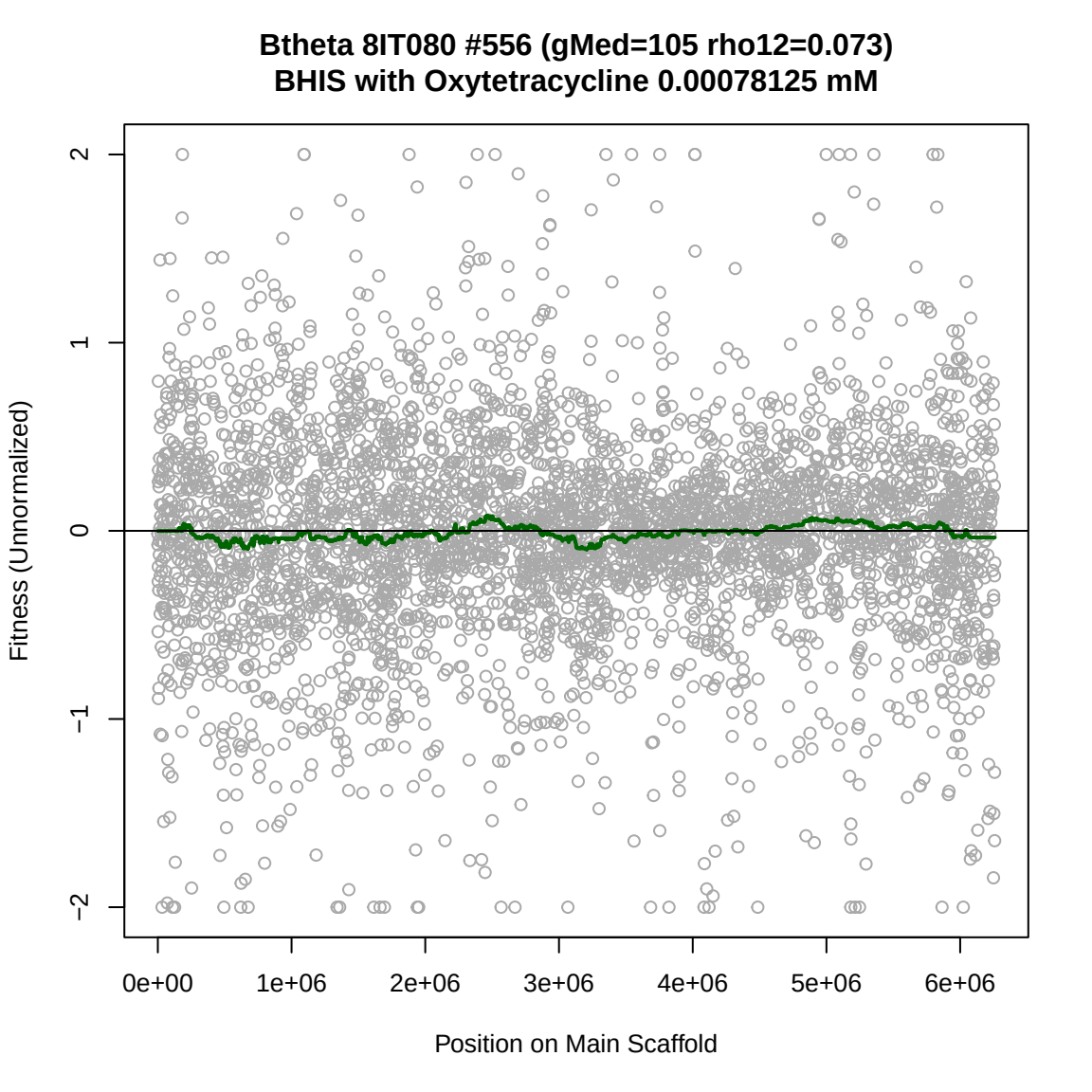

Btheta 8IT075 #551 (gMed=108 rho12=0.035)
BHIS with Dimetridazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

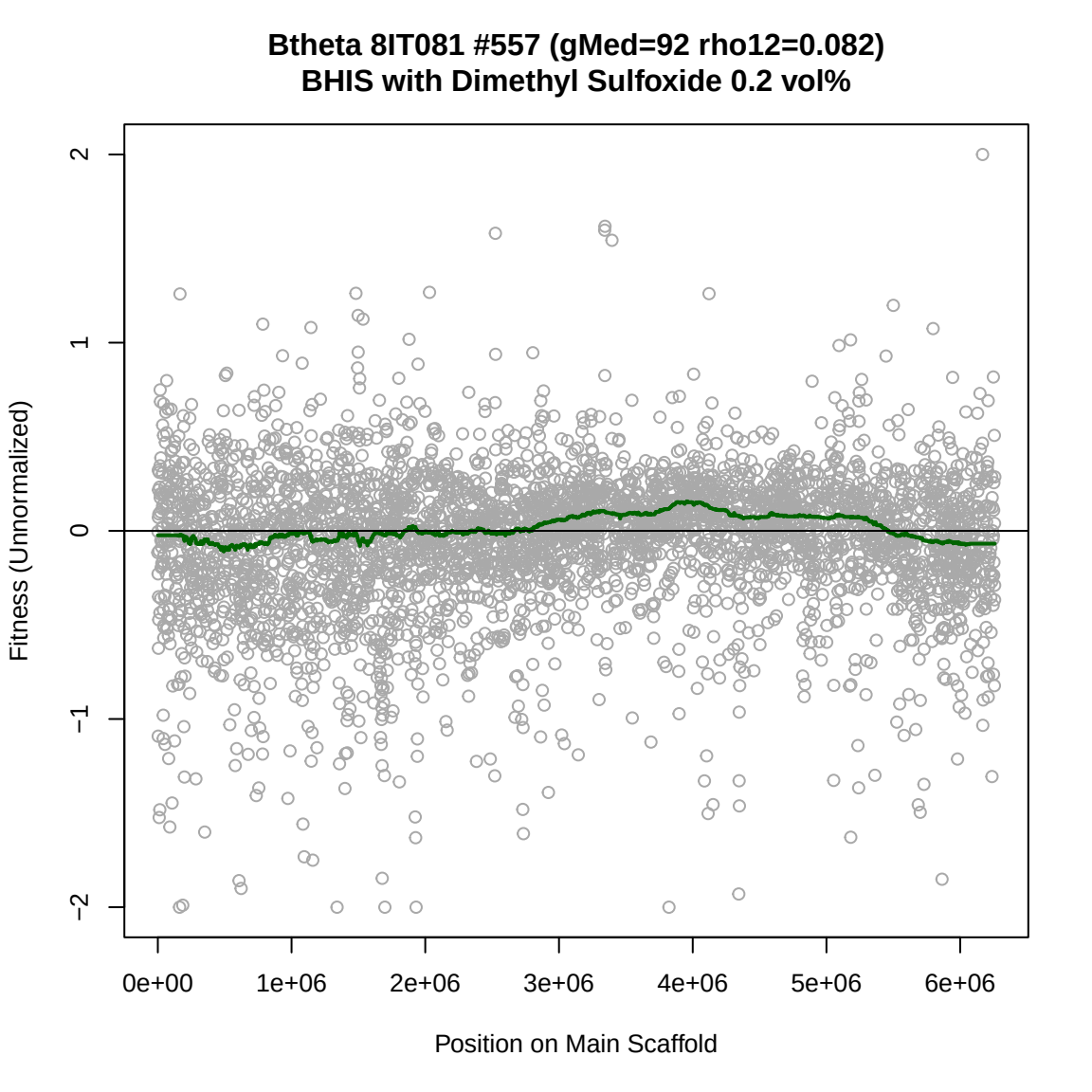

Btheta 8IT076 #552 (gMed=2 rho12=0.124)
BHIS with Furaltadone 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

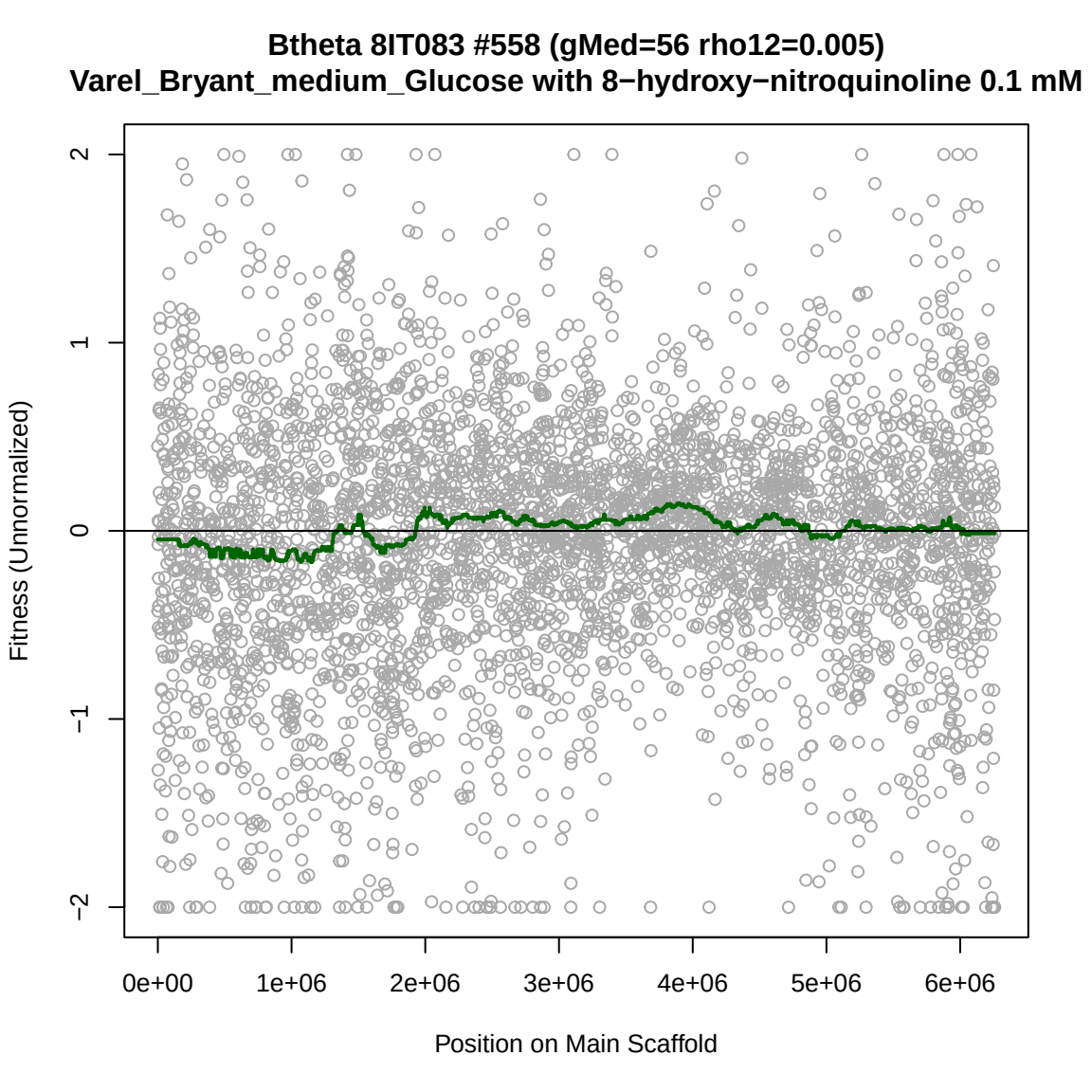

Btheta 8IT077 #553 (gMed=103 rho12=0.070)
BHIS with Phenazine ethosulfate 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

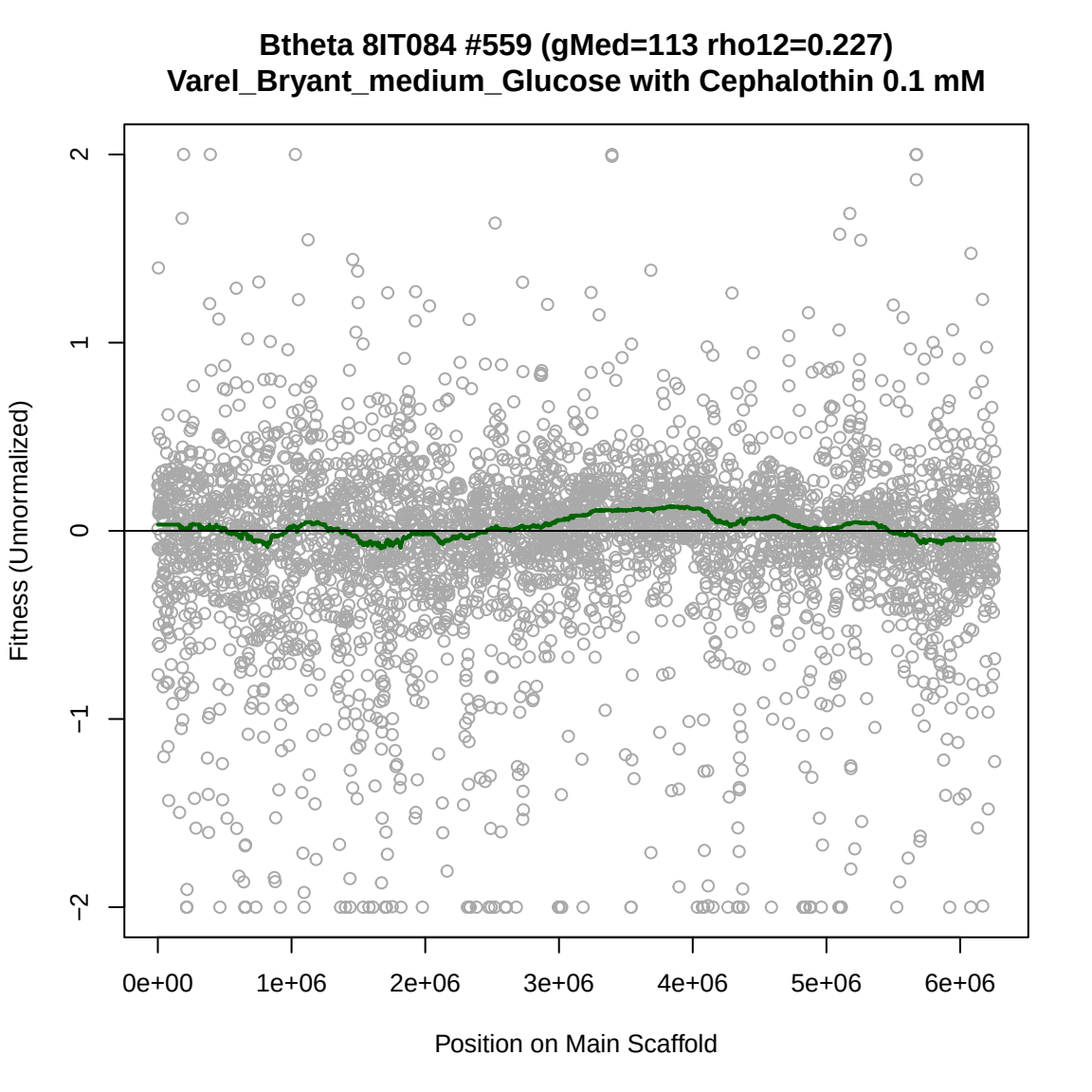

Btheta 8IT078 #554 (gMed=54 rho12=0.069)
BHIS with Sulfaquinoxaline 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

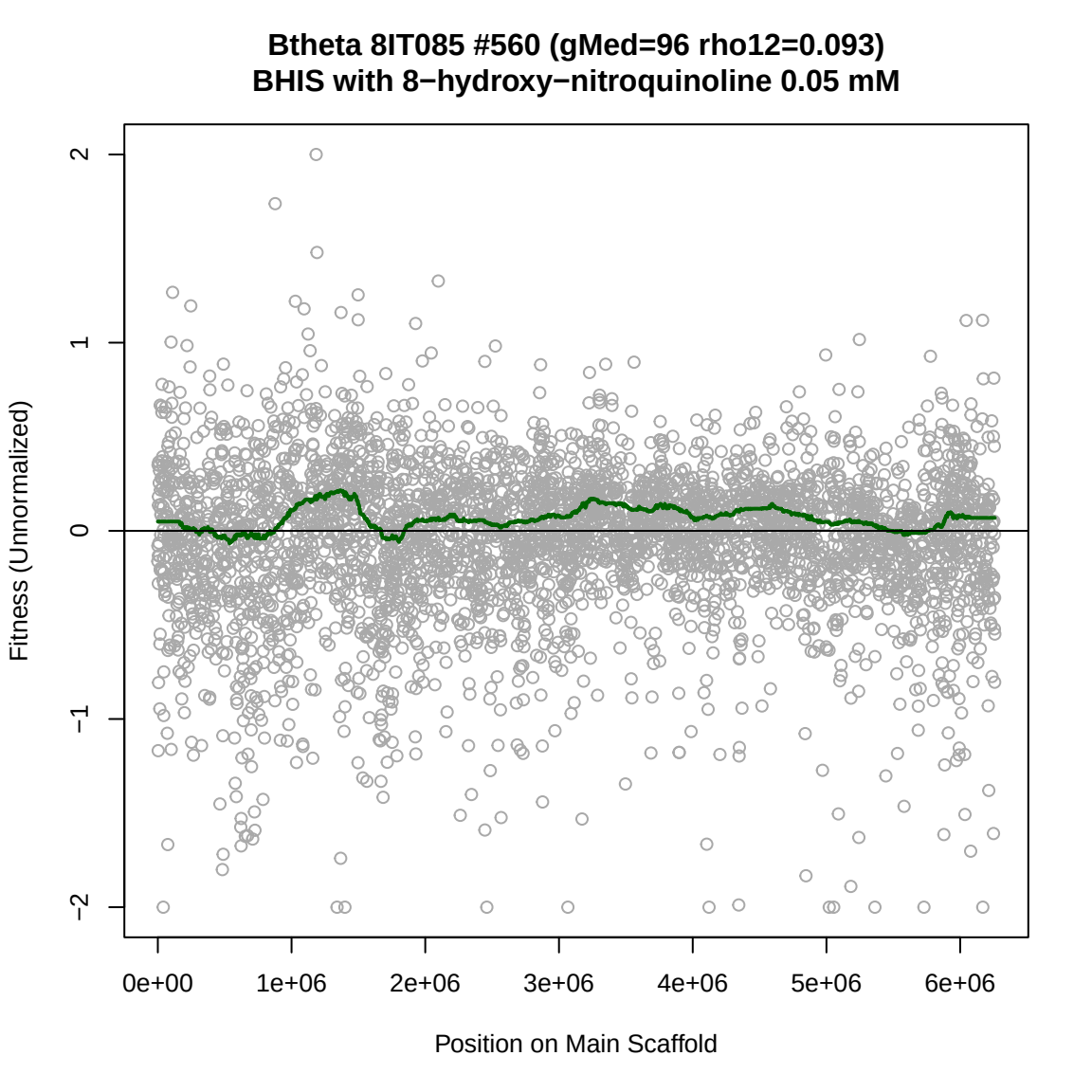

Btheta 8IT079 #555 (gMed=102 rho12=0.058)
BHIS with Zinc Pyrithione 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

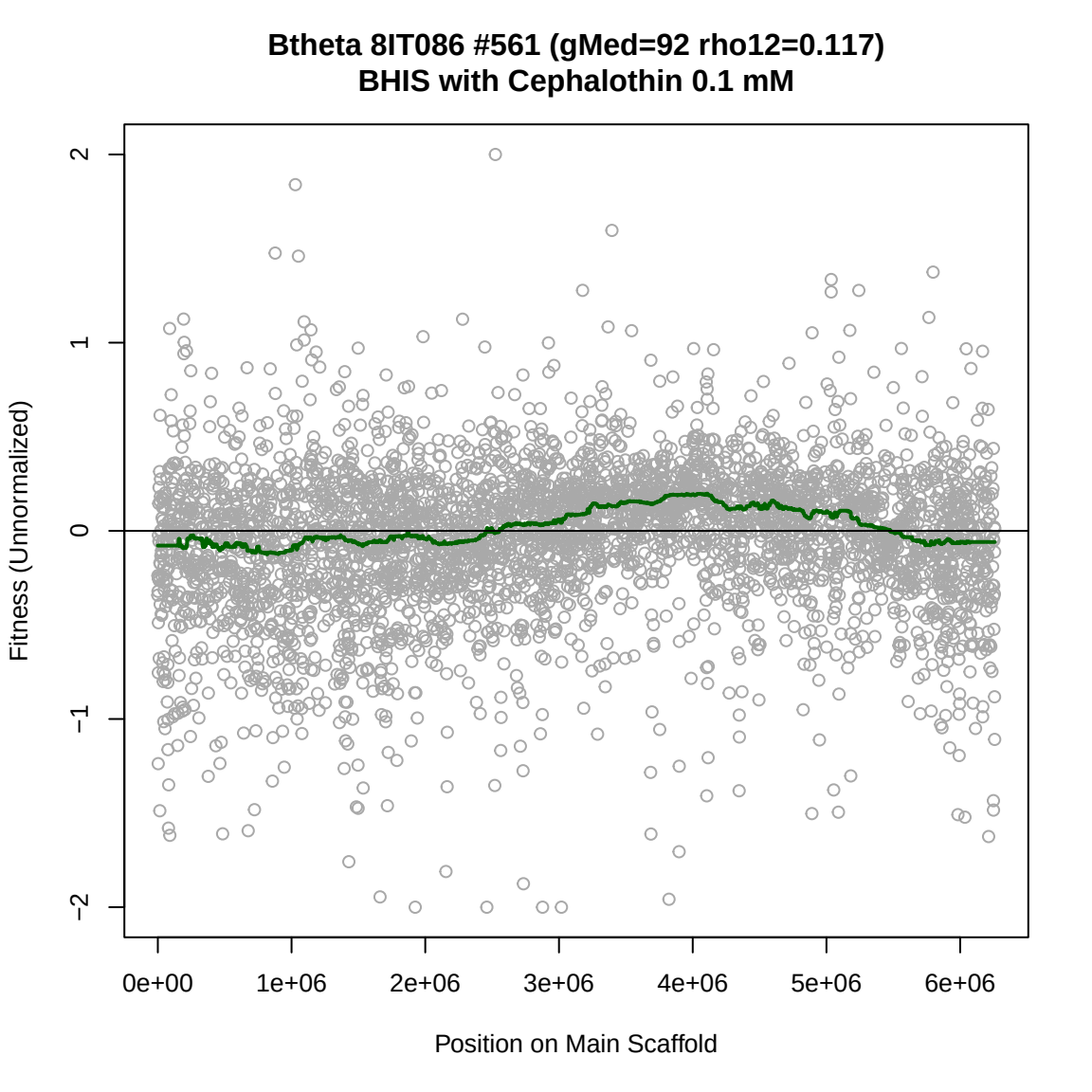

Btheta 8IT080 #556 (gMed=105 rho12=0.073)
BHIS with Oxytetracycline 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

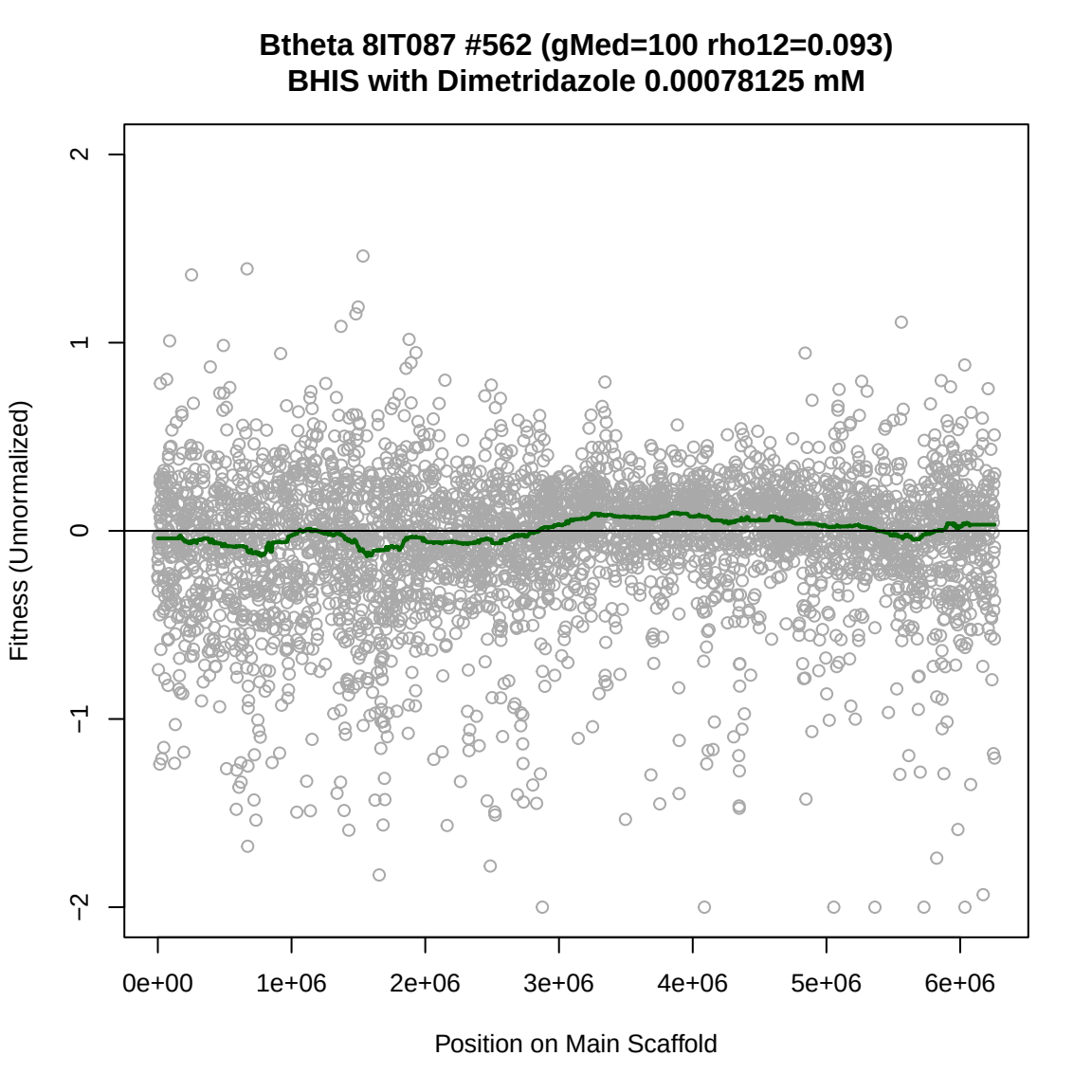

Btheta 8IT081 #557 (gMed=92 rho12=0.082)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

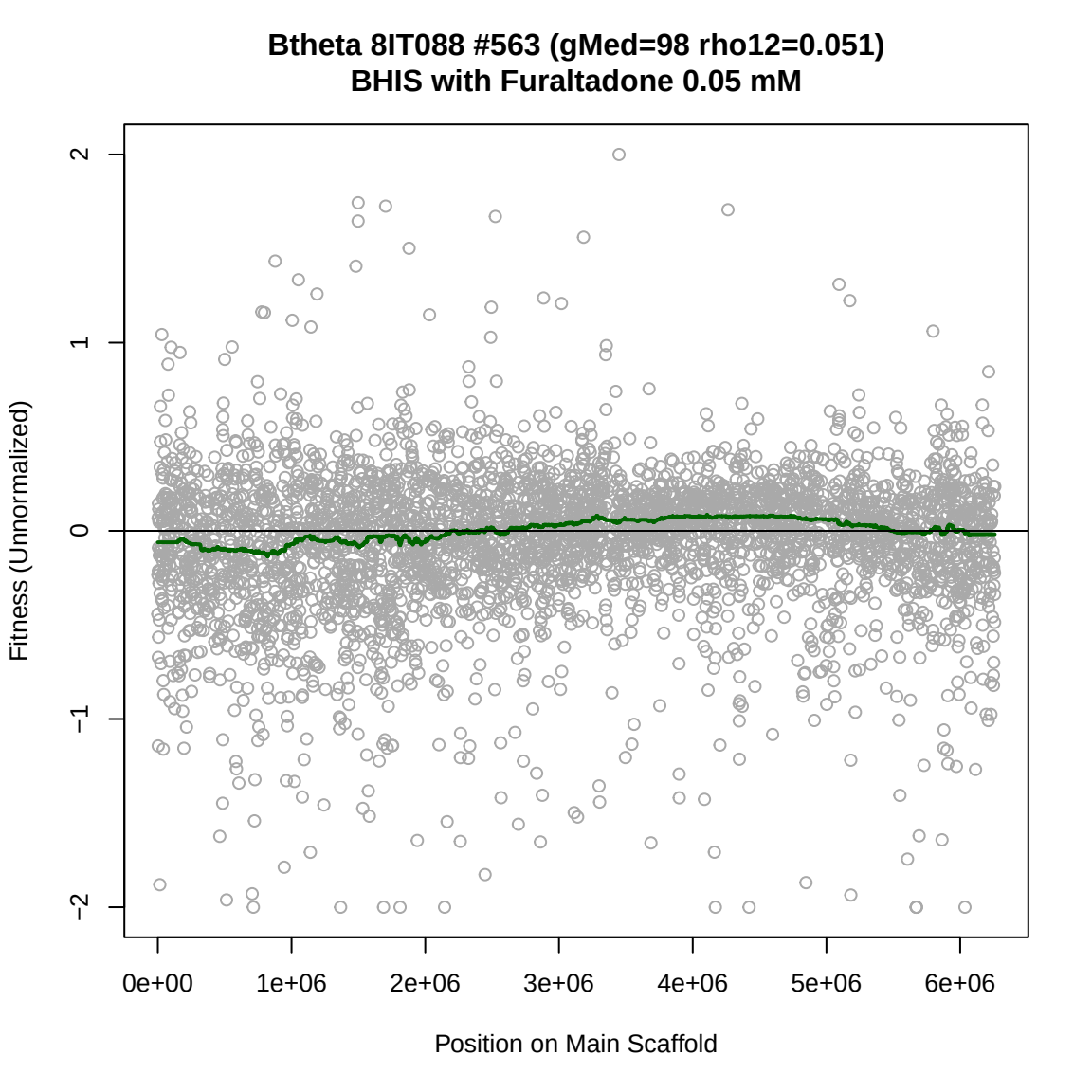

Btheta 8IT083 #558 (gMed=56 rho12=0.005)
Varel_Bryant_medium_Glucose with 8−hydroxy−nitroquinoline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

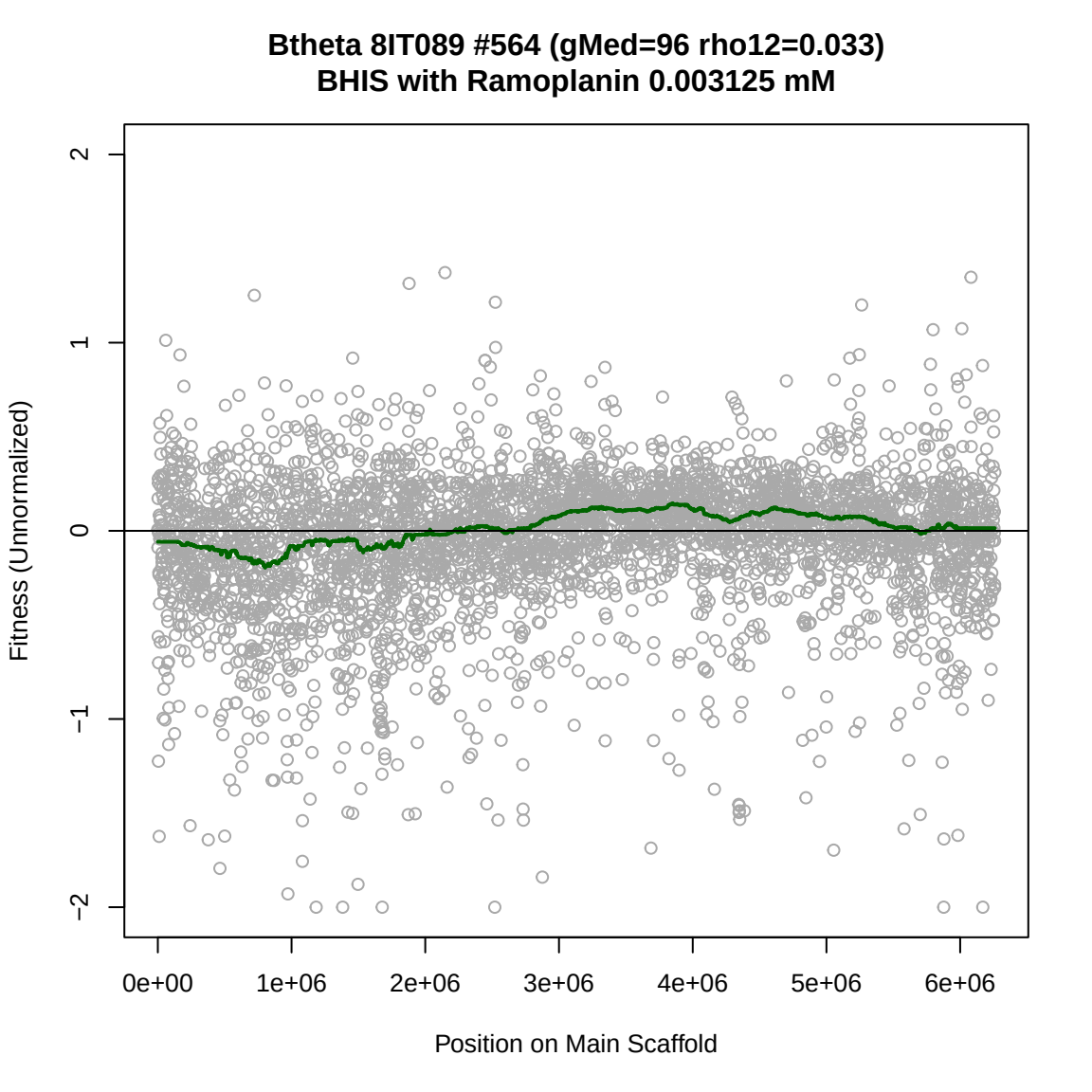

Btheta 8IT084 #559 (gMed=113 rho12=0.227)
Varel_Bryant_medium_Glucose with Cephalothin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

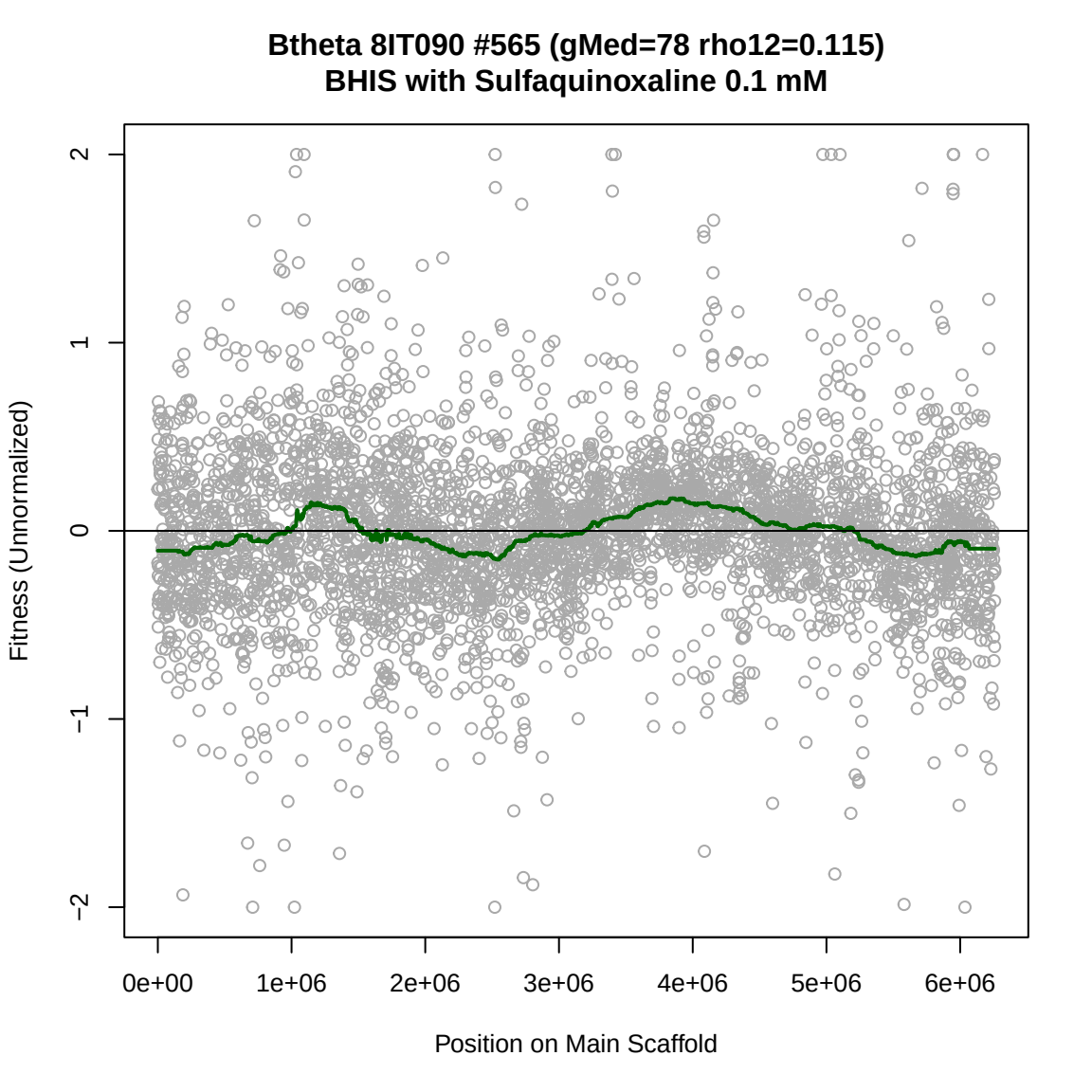

Btheta 8IT085 #560 (gMed=96 rho12=0.093)
BHIS with 8−hydroxy−nitroquinoline 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

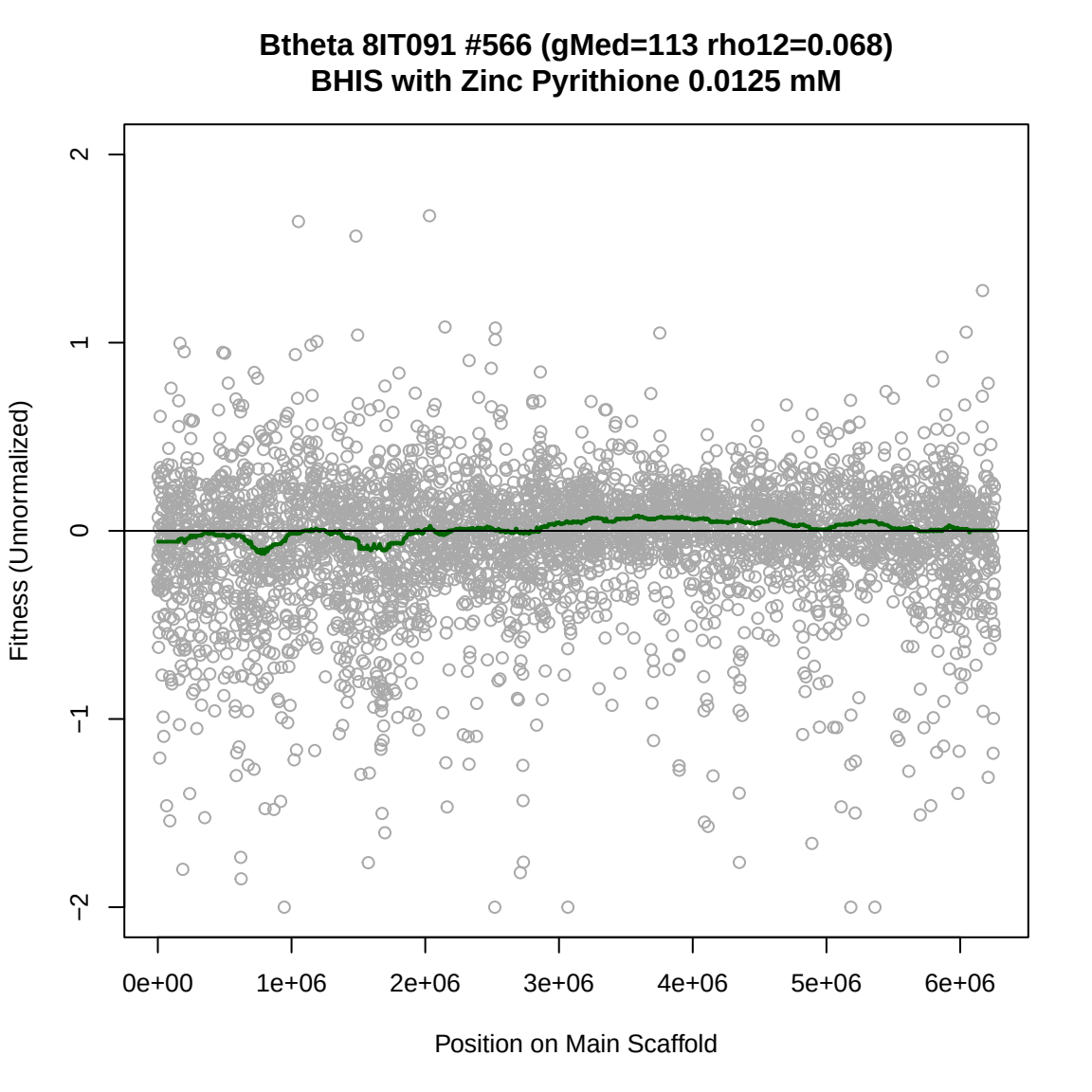

Btheta 8IT086 #561 (gMed=92 rho12=0.117)
BHIS with Cephalothin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

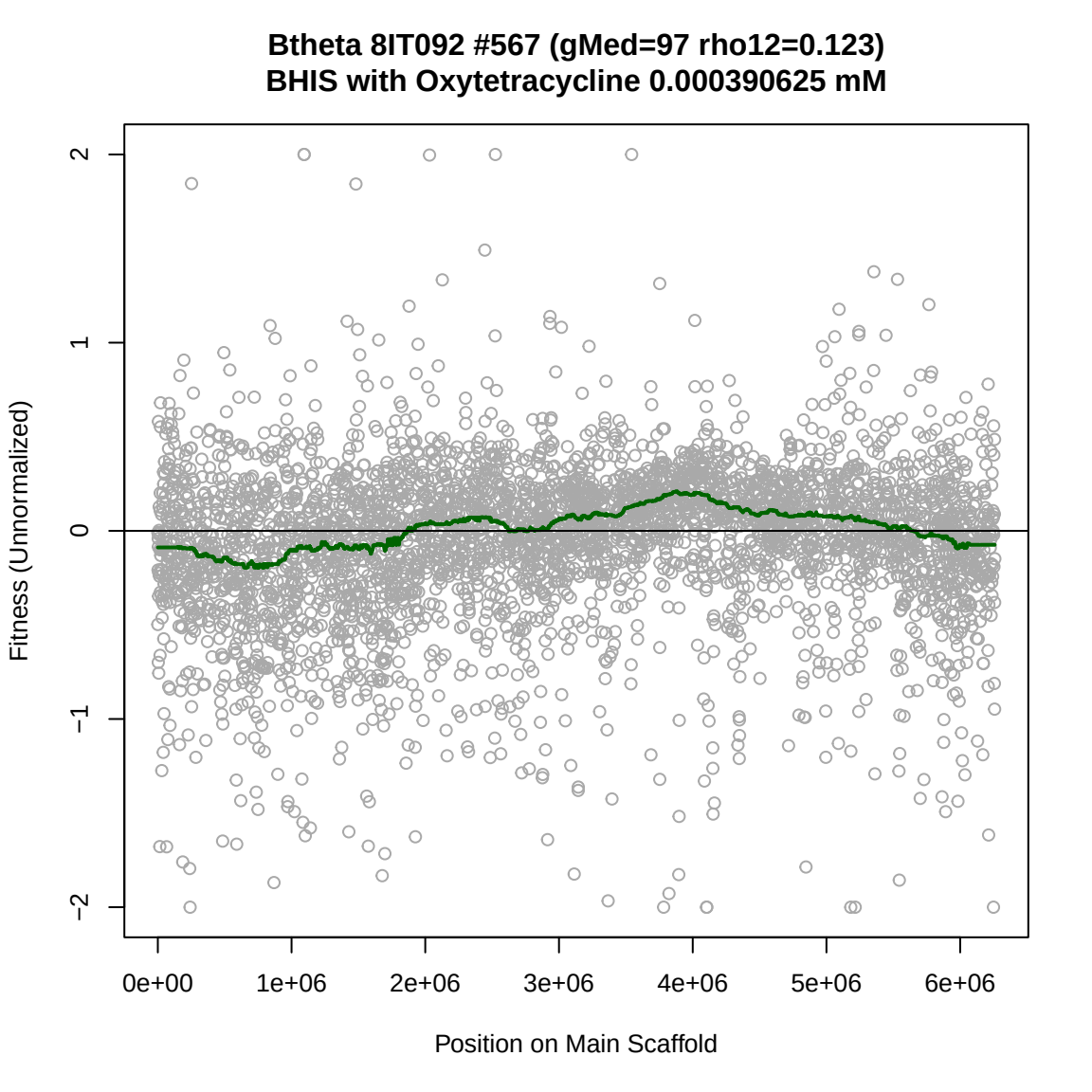

Btheta 8IT087 #562 (gMed=100 rho12=0.093)
BHIS with Dimetridazole 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

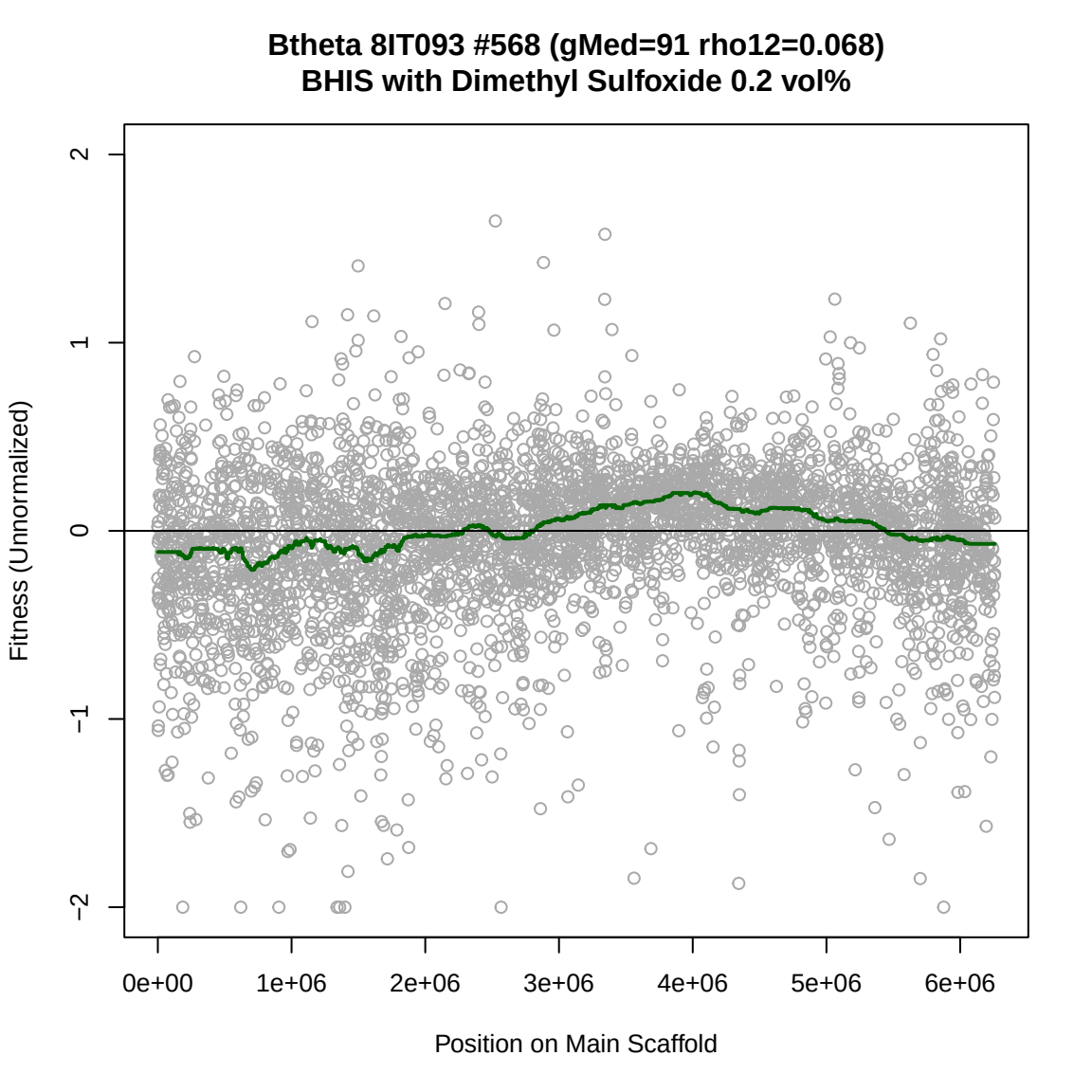

Btheta 8IT088 #563 (gMed=98 rho12=0.051)
BHIS with Furaltadone 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

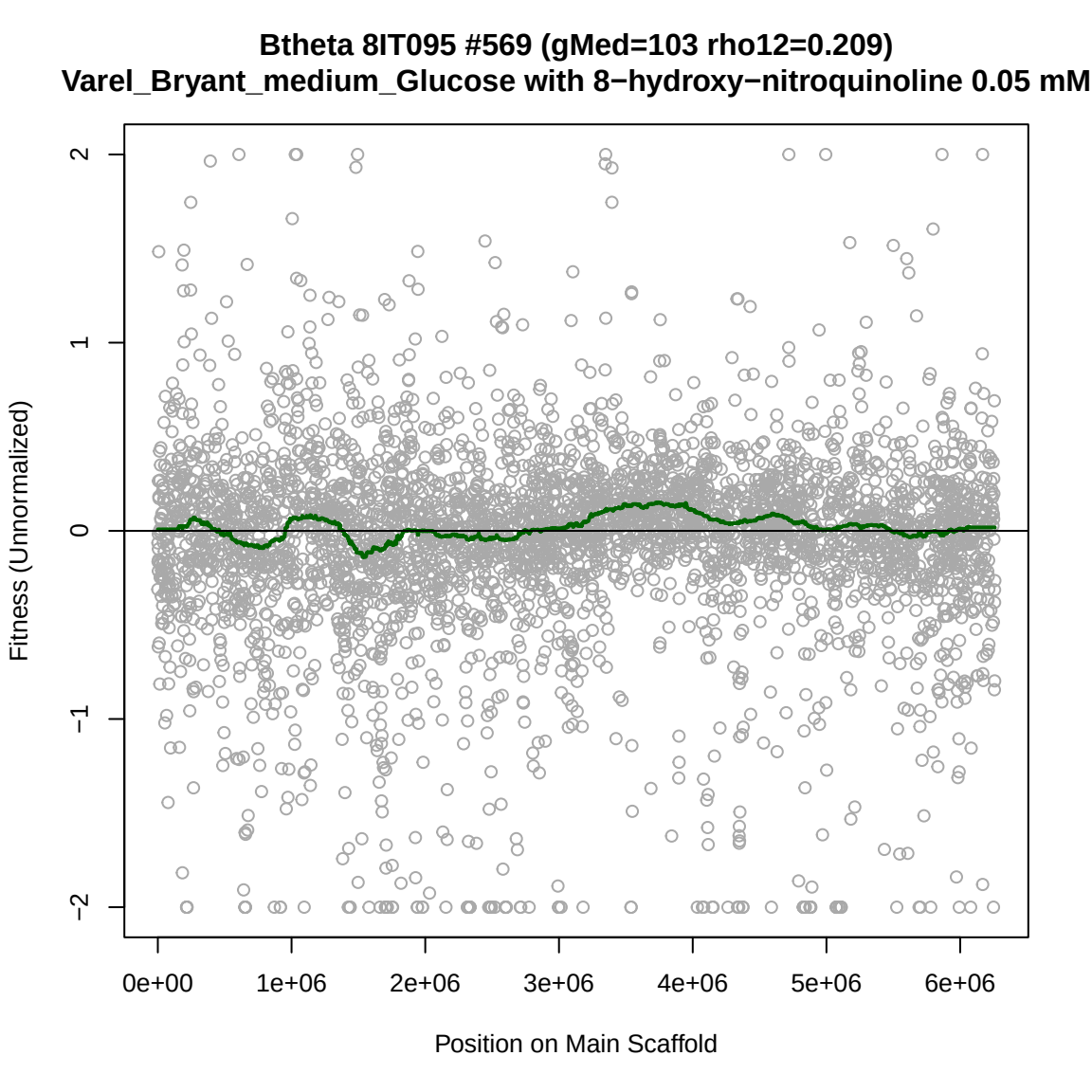

Btheta 8IT089 #564 (gMed=96 rho12=0.033)
BHIS with Ramoplanin 0.003125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

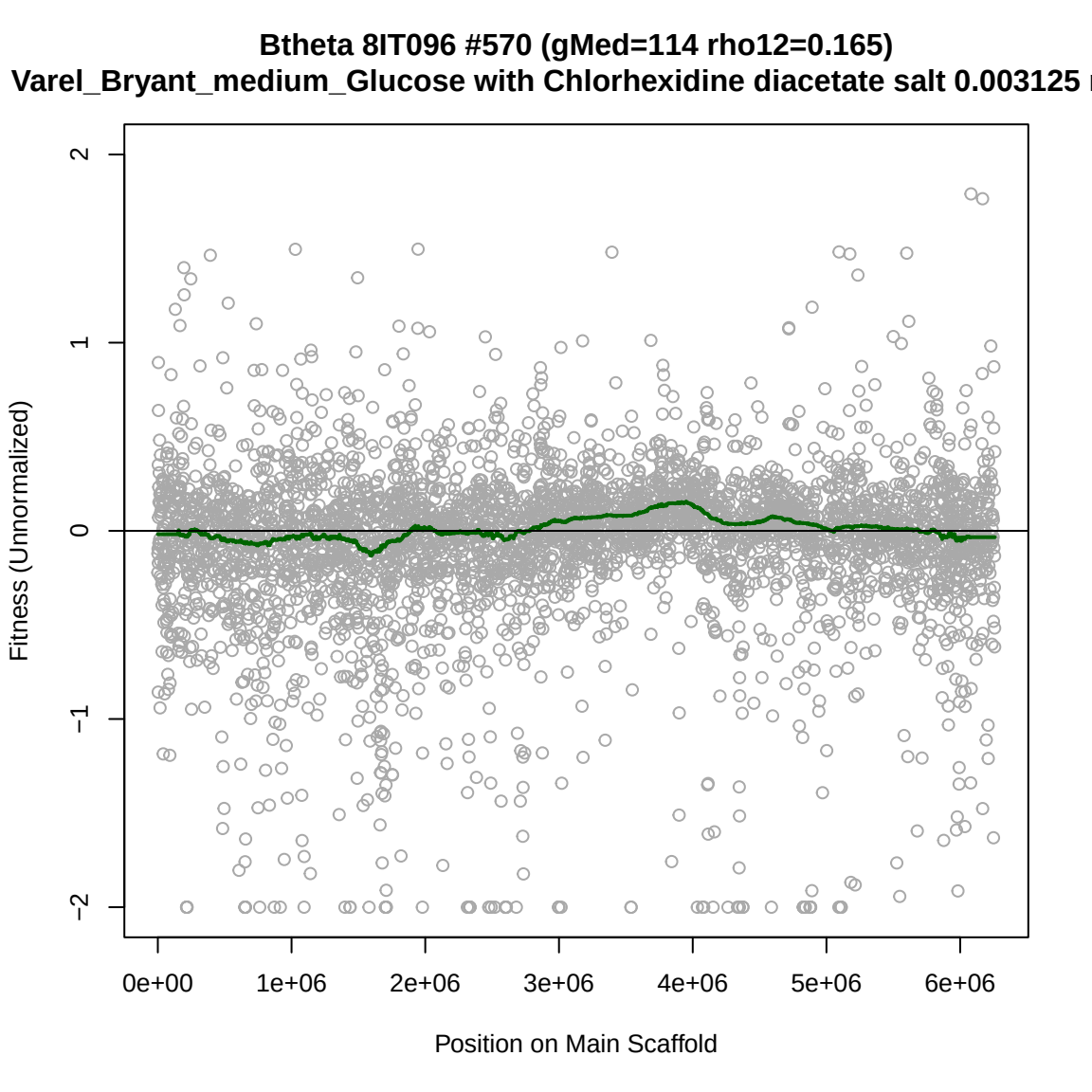

Btheta 8IT090 #565 (gMed=78 rho12=0.115)
BHIS with Sulfaquinoxaline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

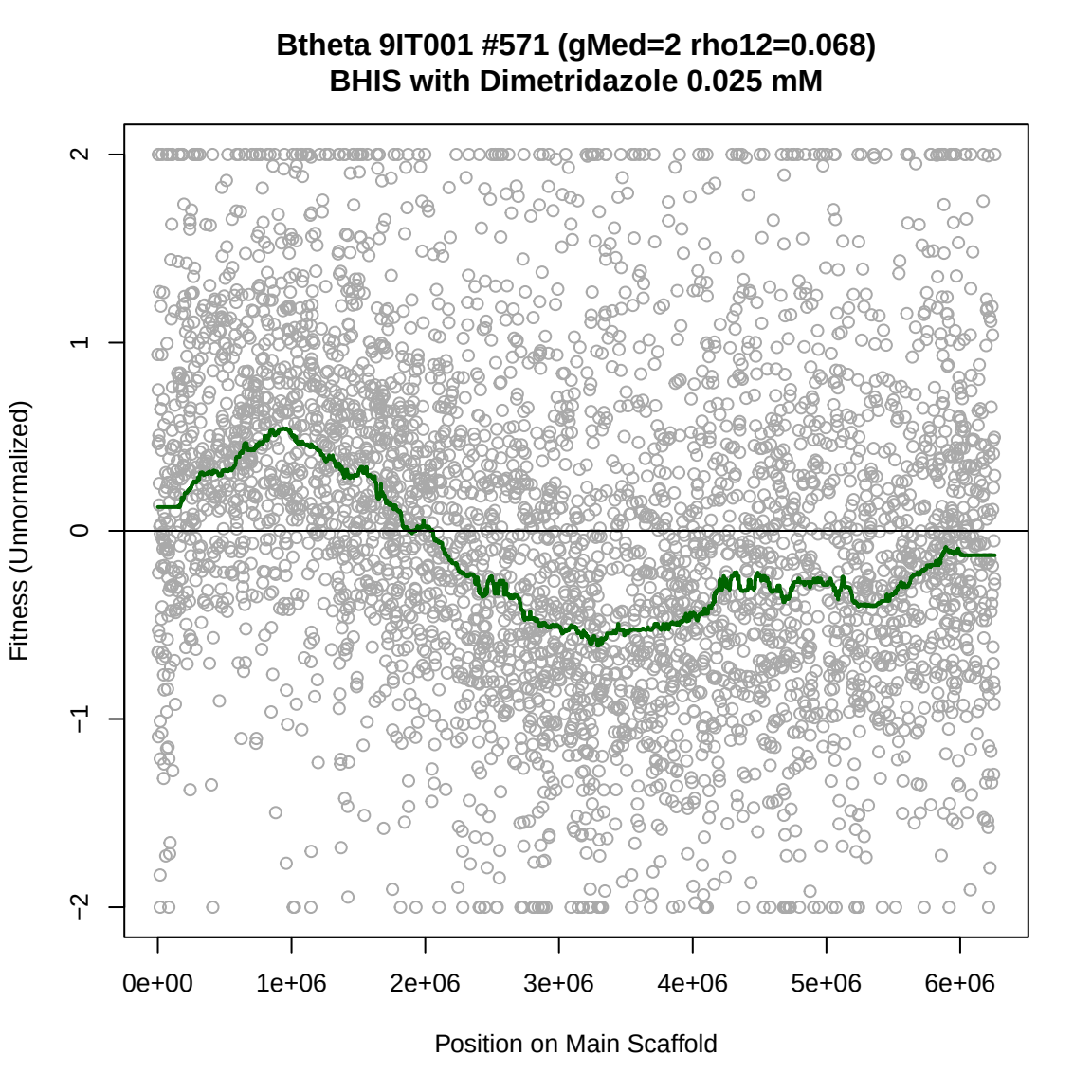

Btheta 8IT091 #566 (gMed=113 rho12=0.068)
BHIS with Zinc Pyrithione 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

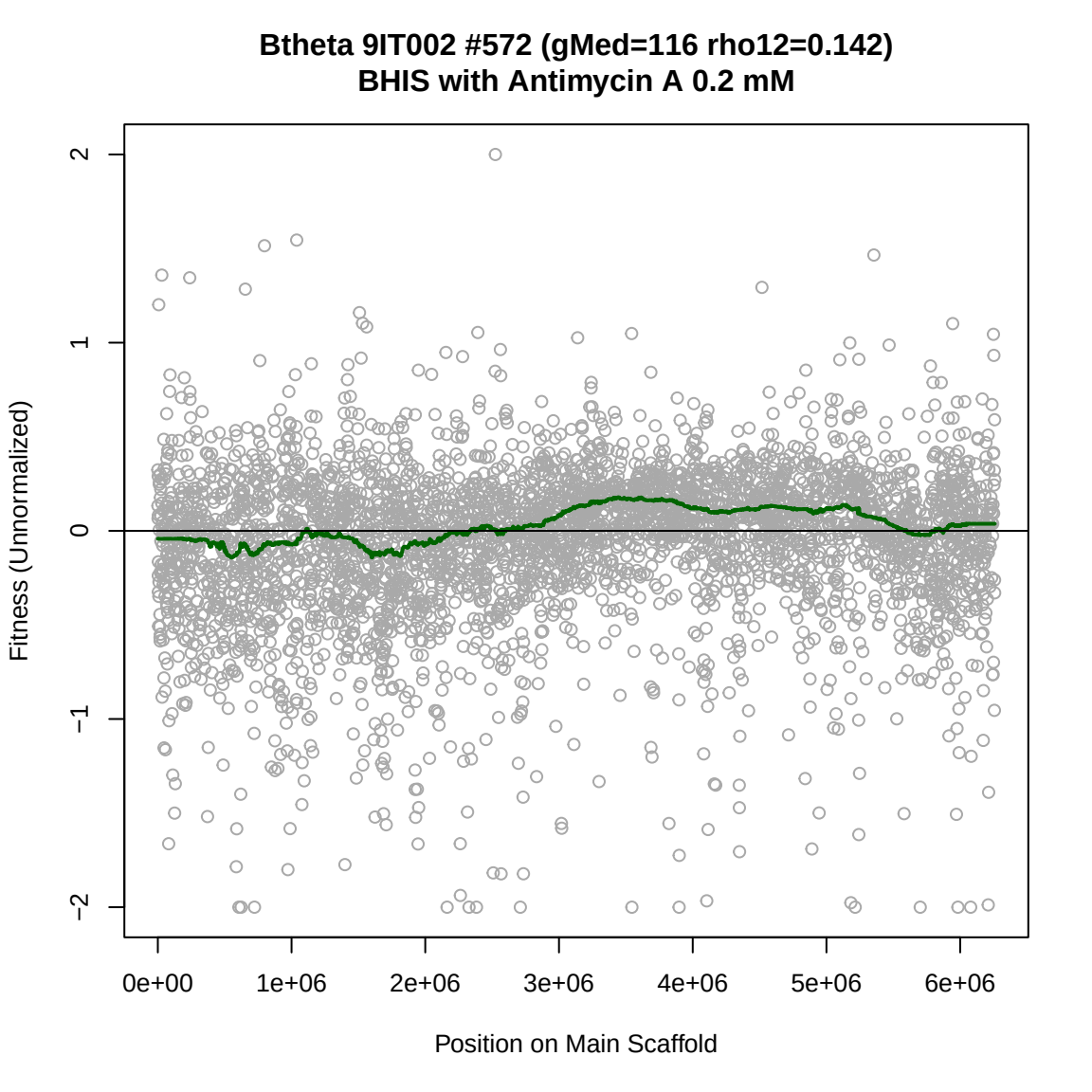

Btheta 8IT092 #567 (gMed=97 rho12=0.123)
BHIS with Oxytetracycline 0.000390625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

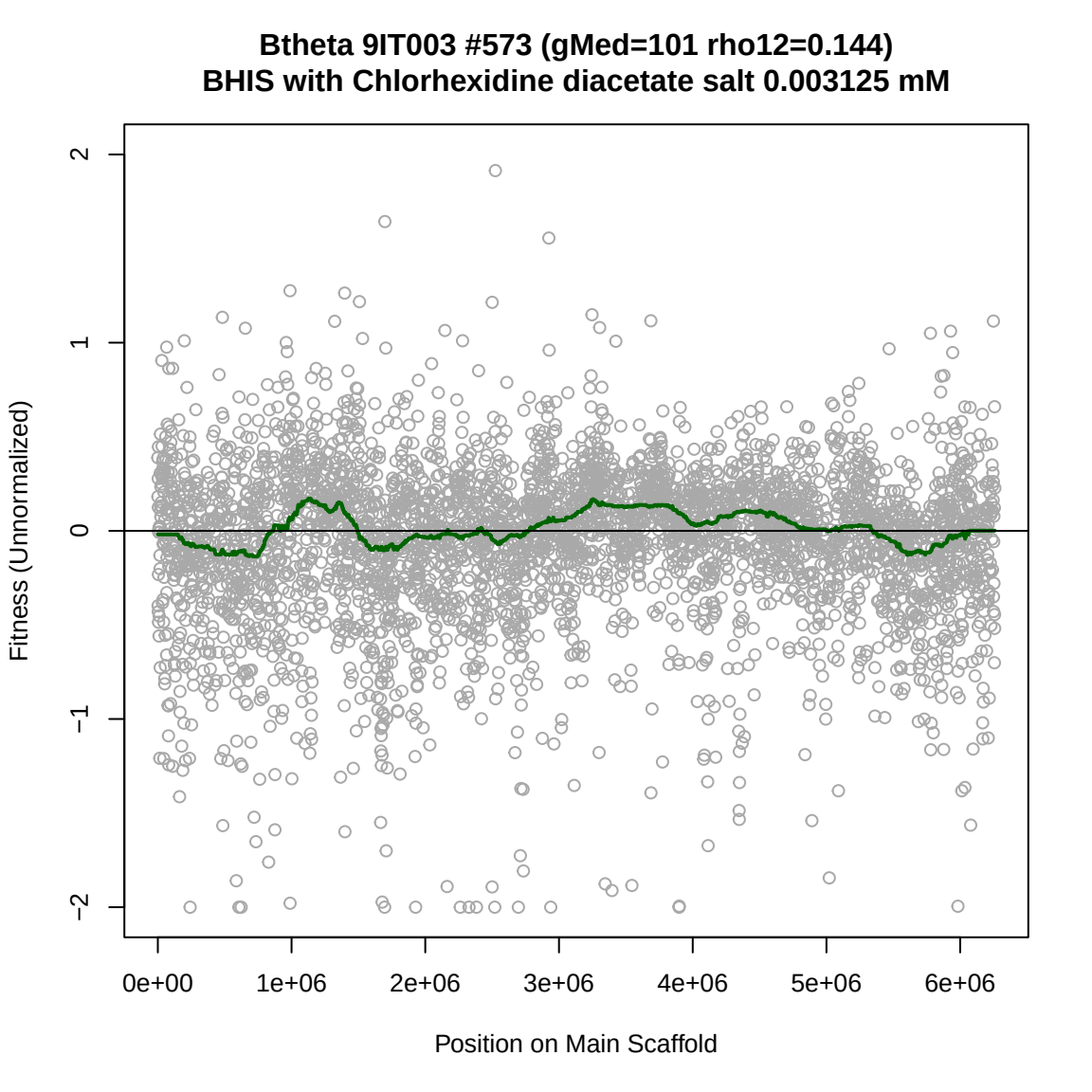

Btheta 8IT093 #568 (gMed=91 rho12=0.068)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

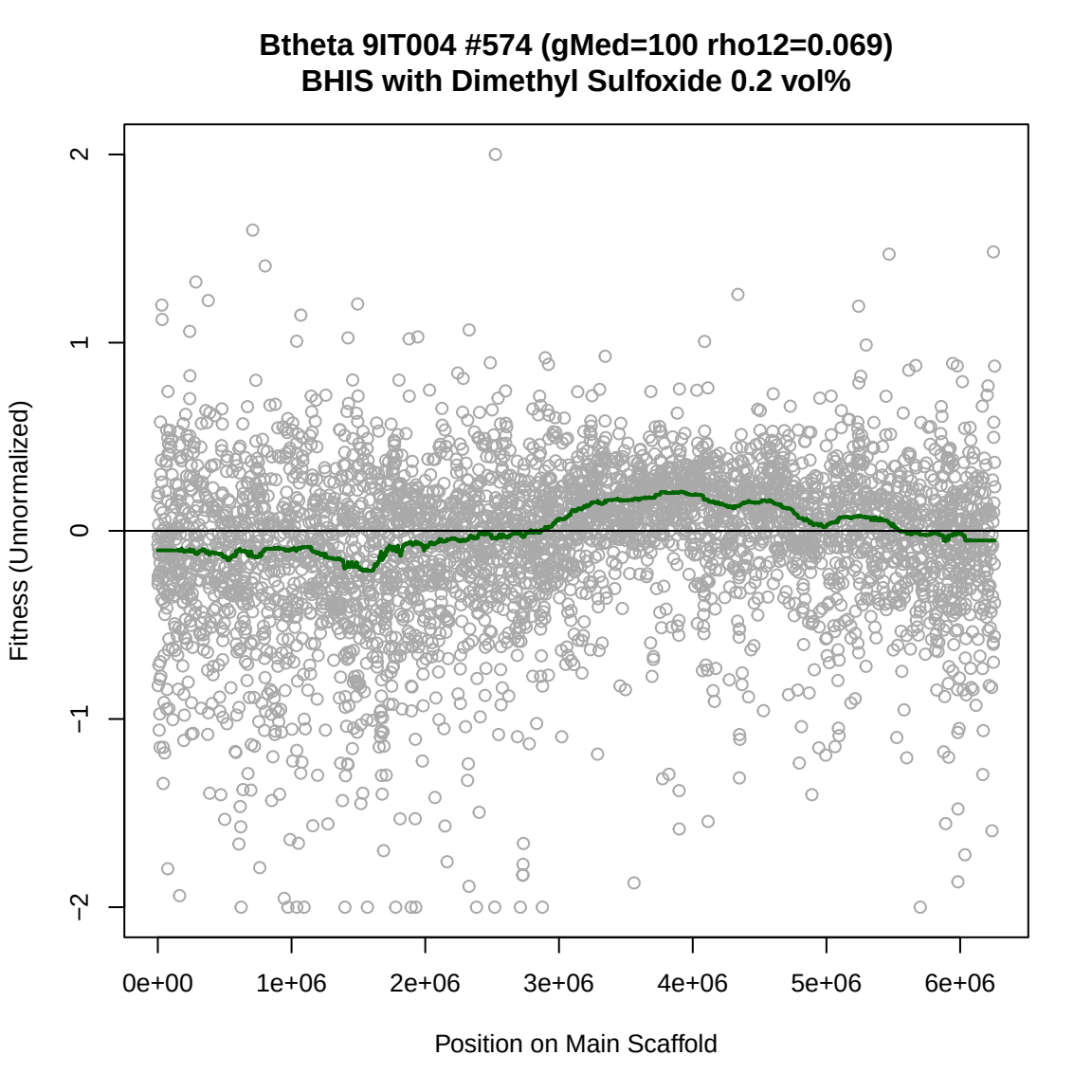

Btheta 8IT095 #569 (gMed=103 rho12=0.209)
Varel_Bryant_medium_Glucose with 8−hydroxy−nitroquinoline 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

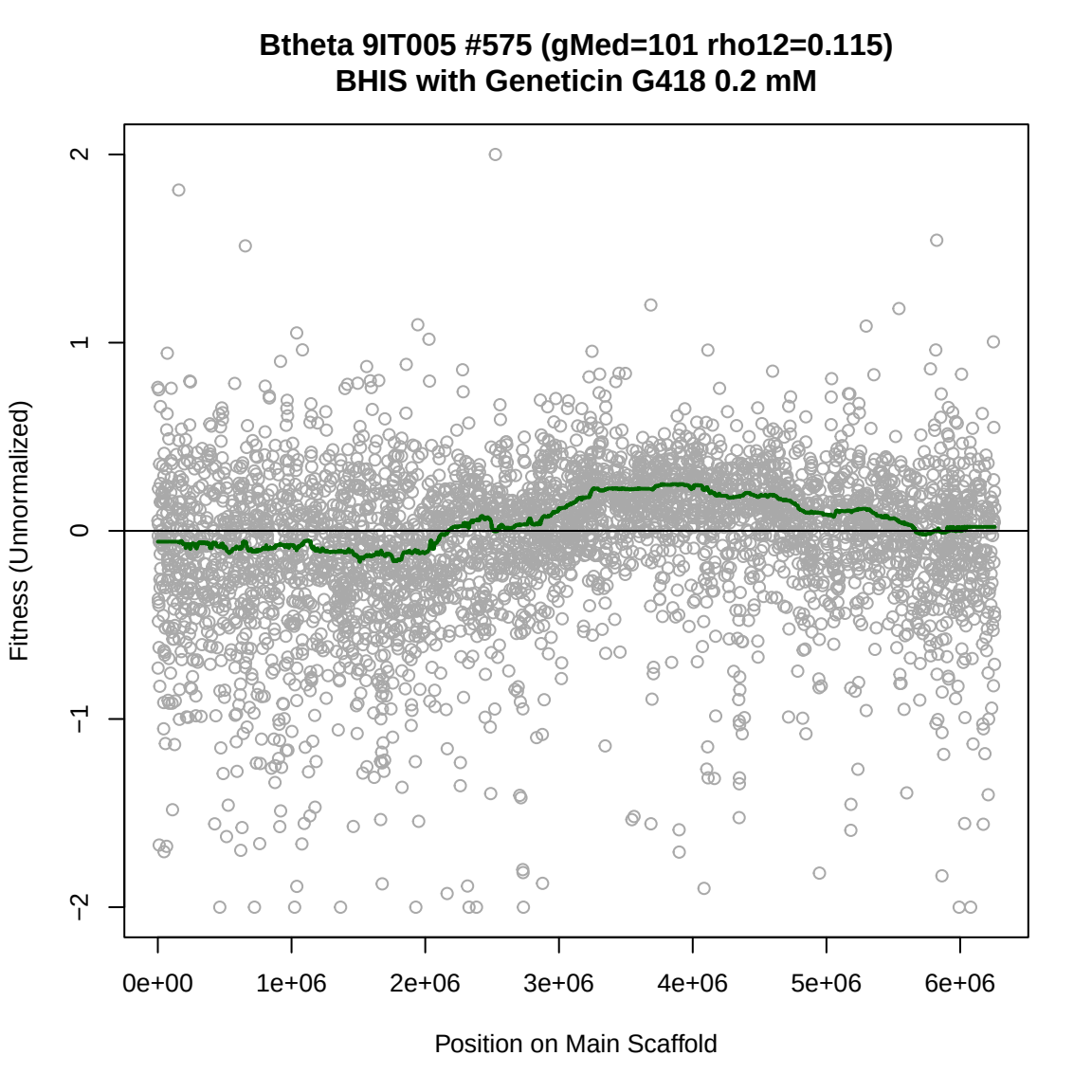

Btheta 8IT096 #570 (gMed=114 rho12=0.165)
Varel_Bryant_medium_Glucose with Chlorhexidine diacetate salt 0.003125
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

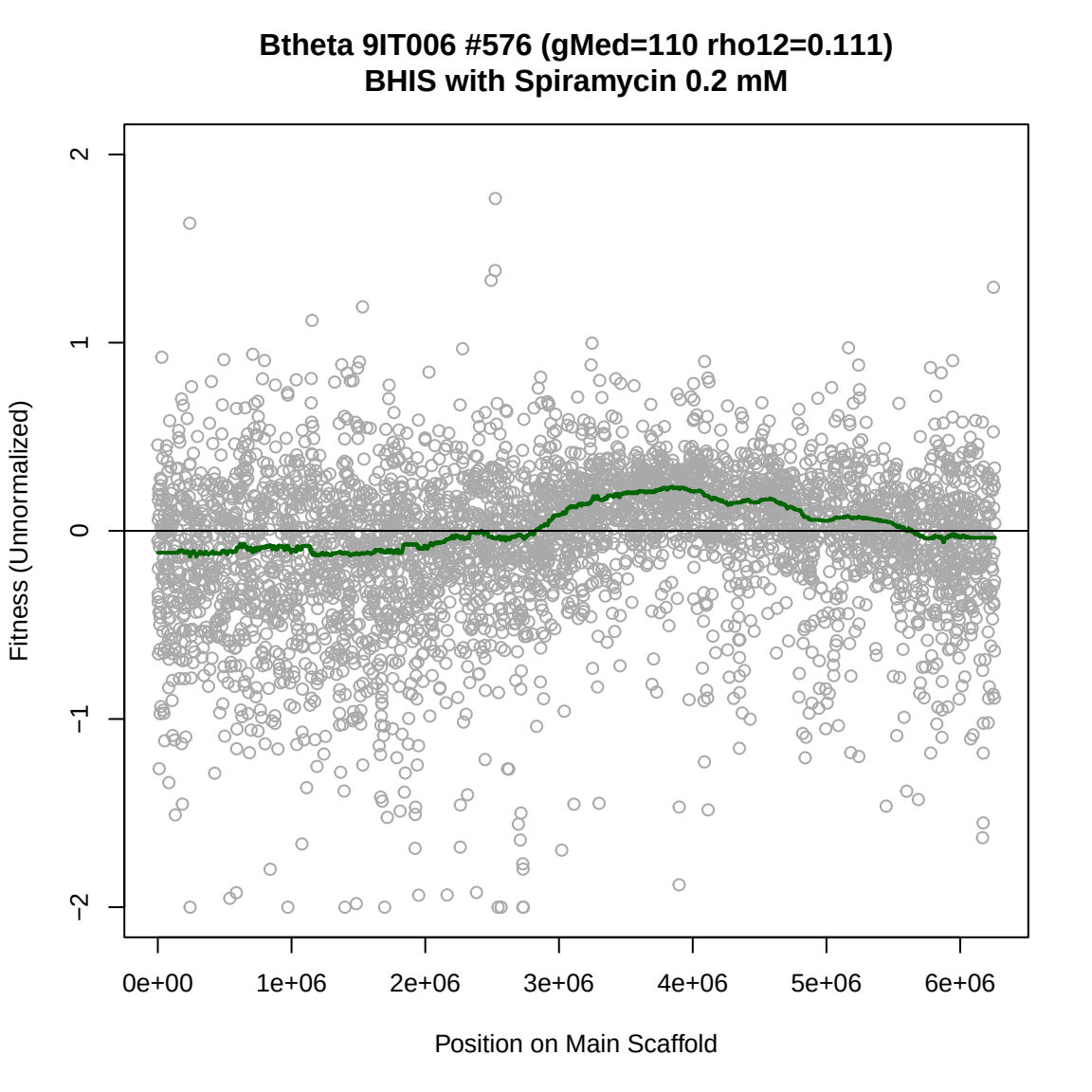

Btheta 9IT001 #571 (gMed=2 rho12=0.068)
BHIS with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

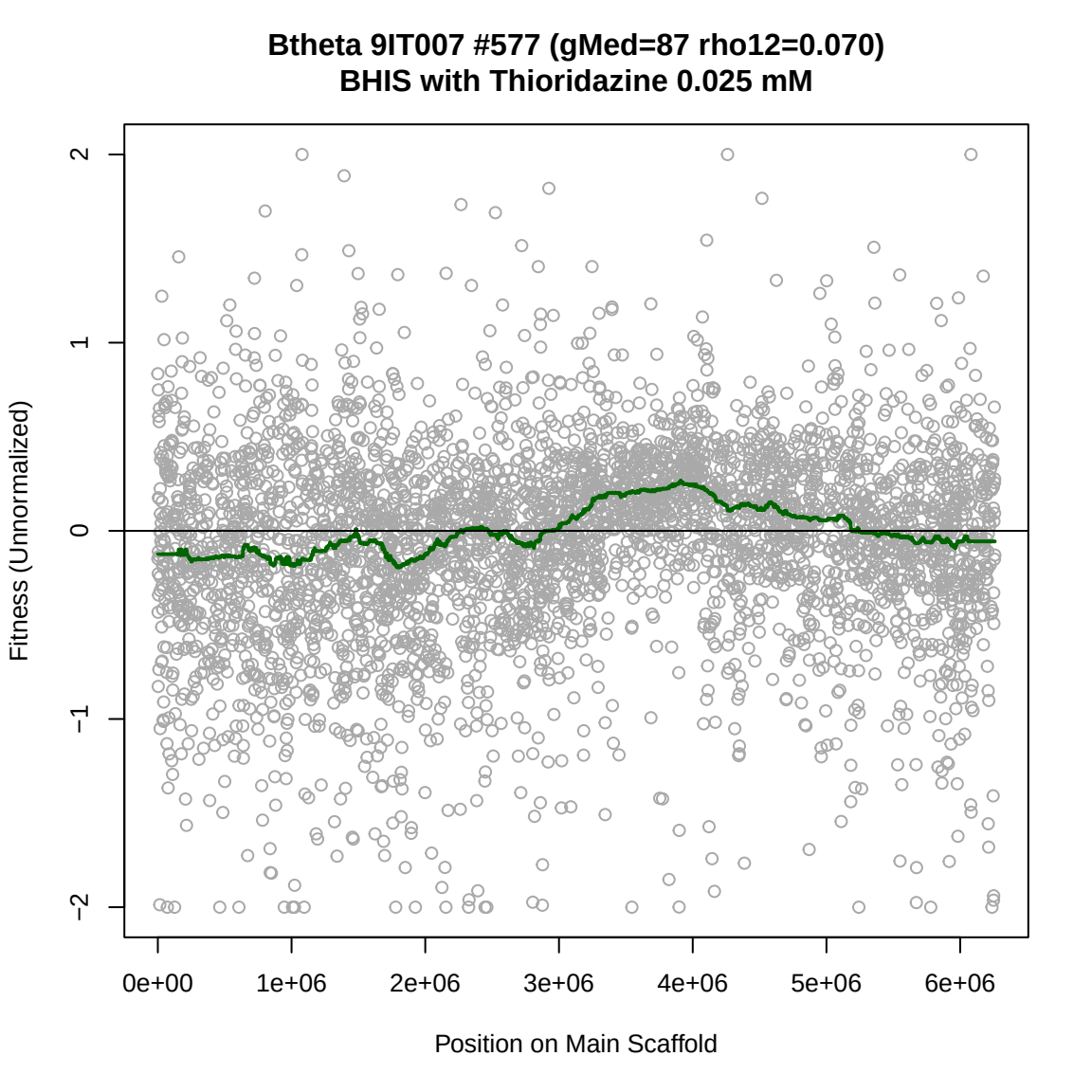

Btheta 9IT002 #572 (gMed=116 rho12=0.142)
BHIS with Antimycin A 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

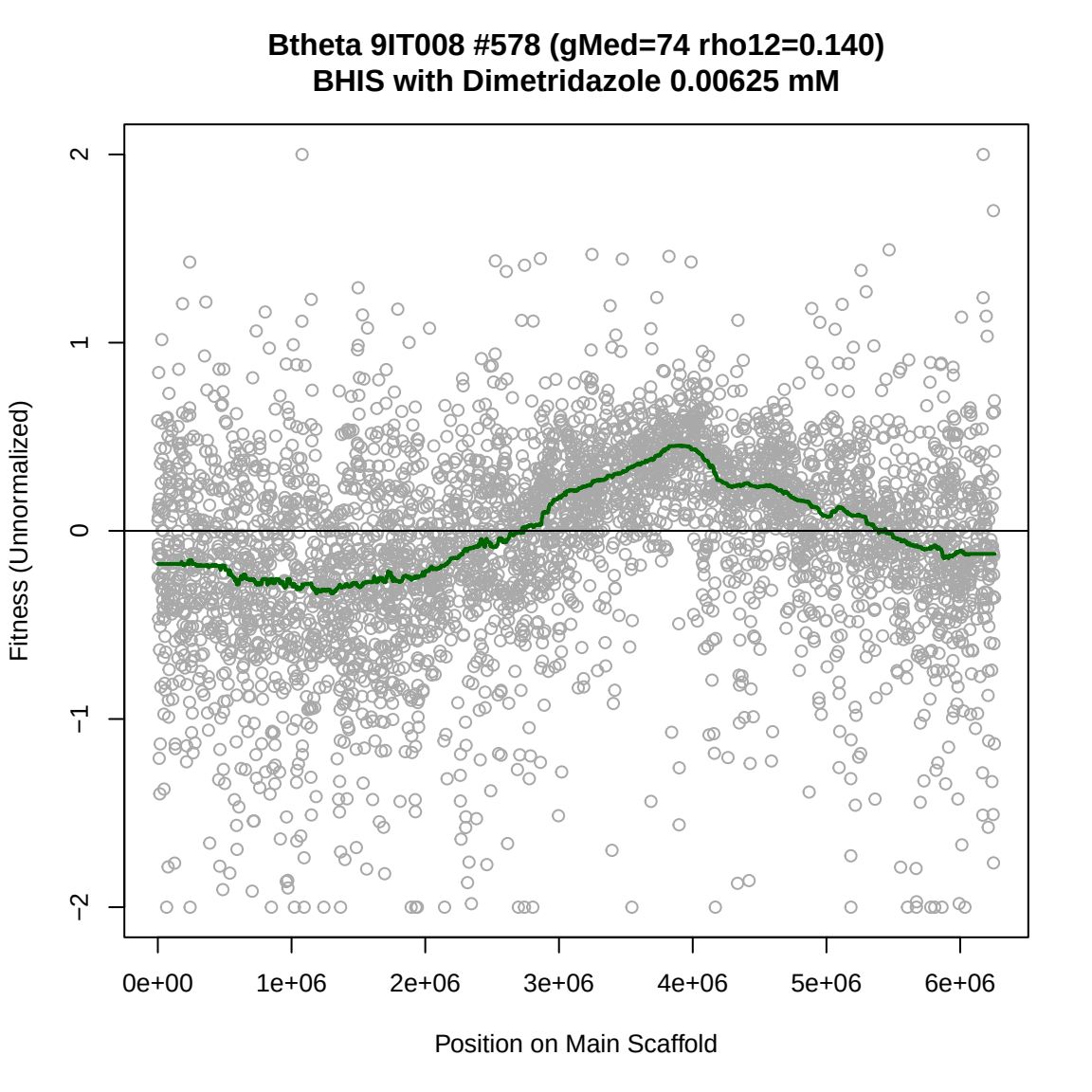

Btheta 9IT003 #573 (gMed=101 rho12=0.144)
BHIS with Chlorhexidine diacetate salt 0.003125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

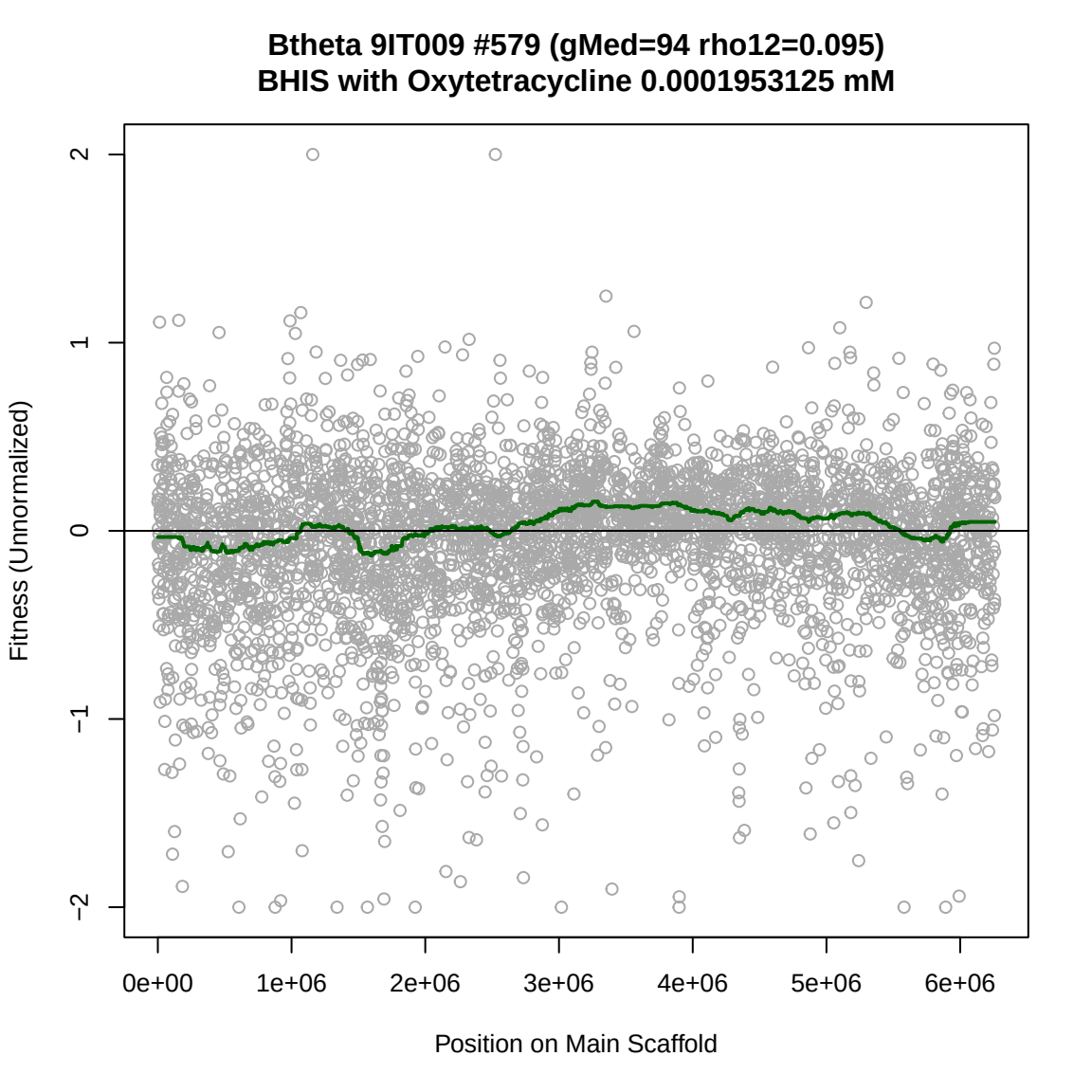

Btheta 9IT004 #574 (gMed=100 rho12=0.069)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

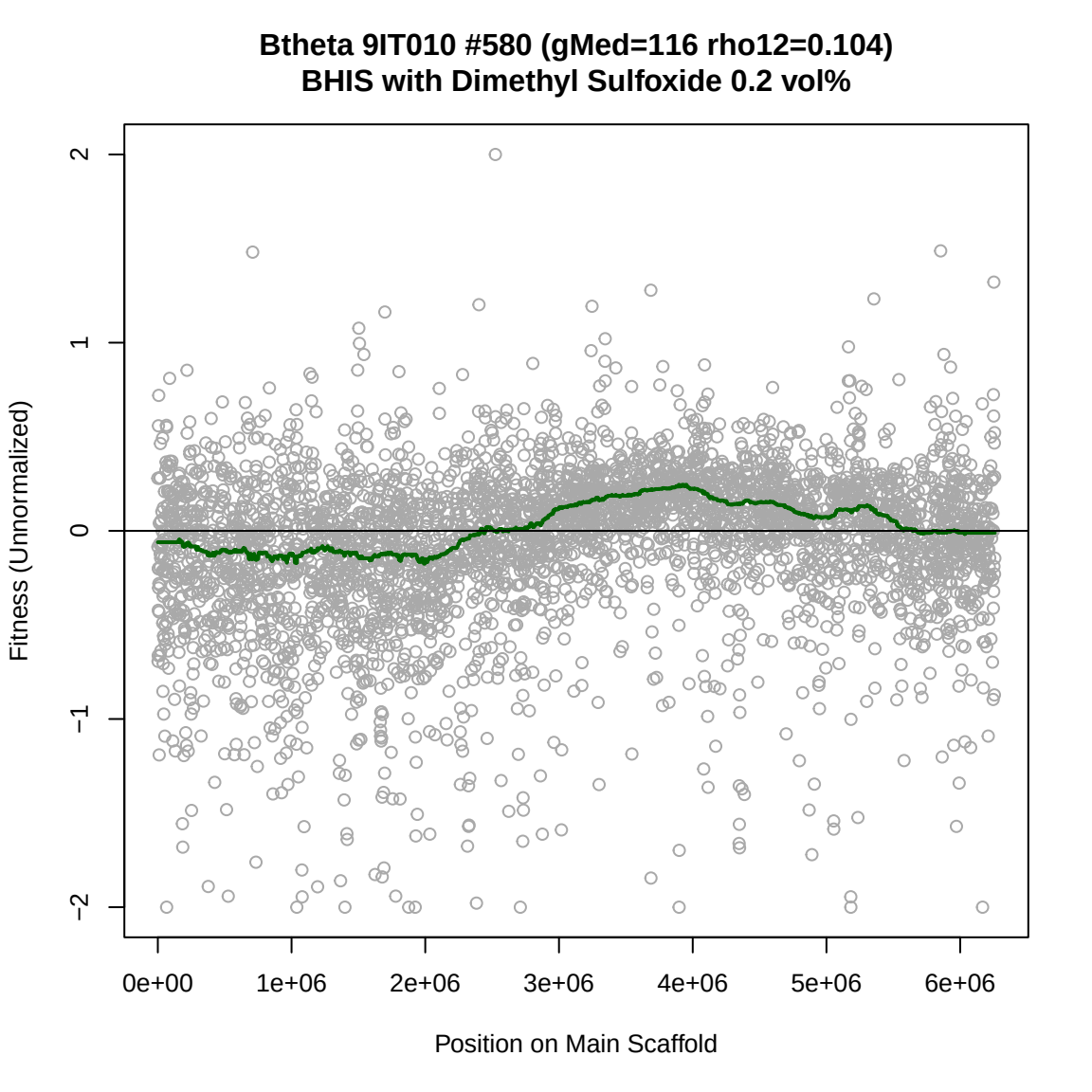

Btheta 9IT005 #575 (gMed=101 rho12=0.115)
BHIS with Geneticin G418 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

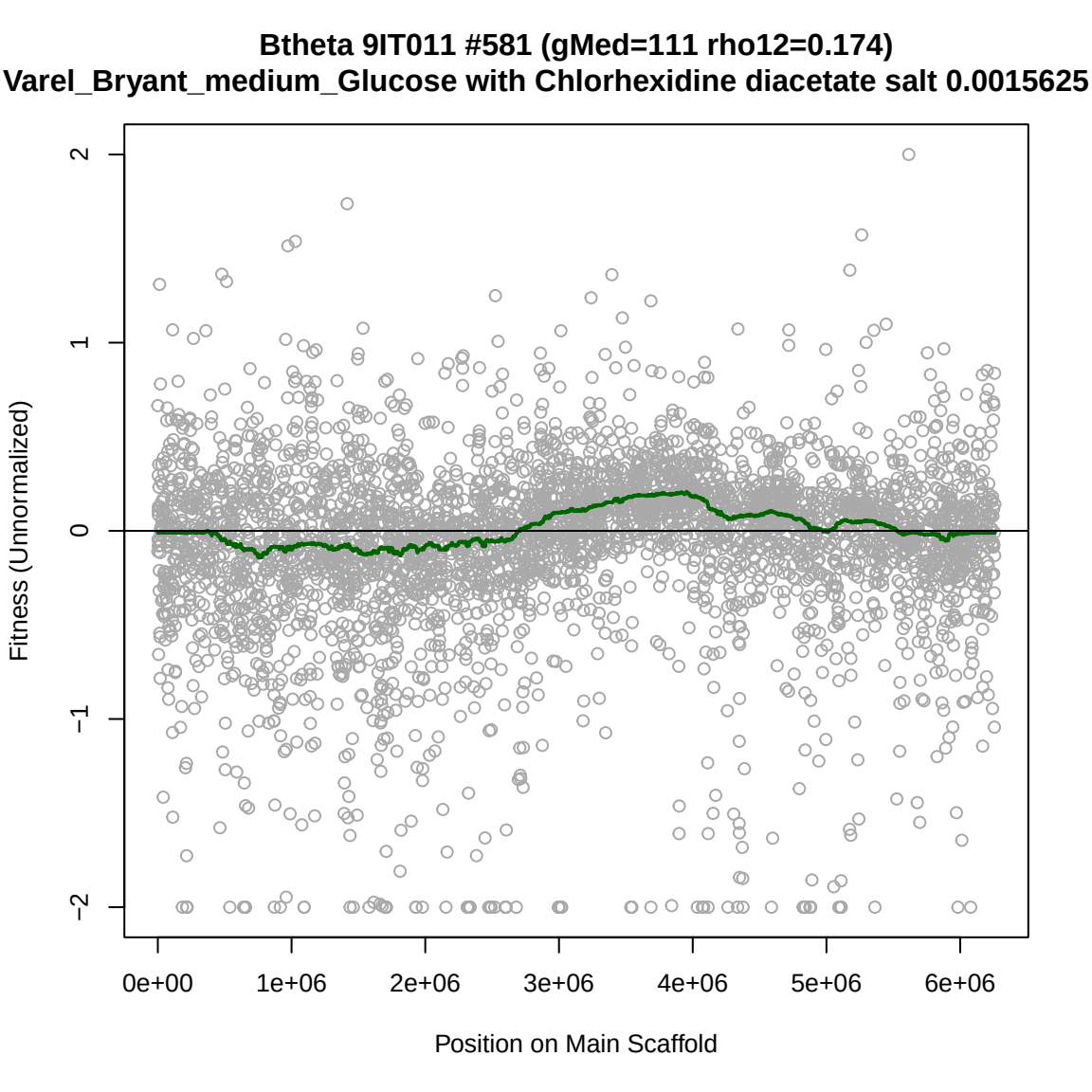

Btheta 9IT006 #576 (gMed=110 rho12=0.111)
BHIS with Spiramycin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

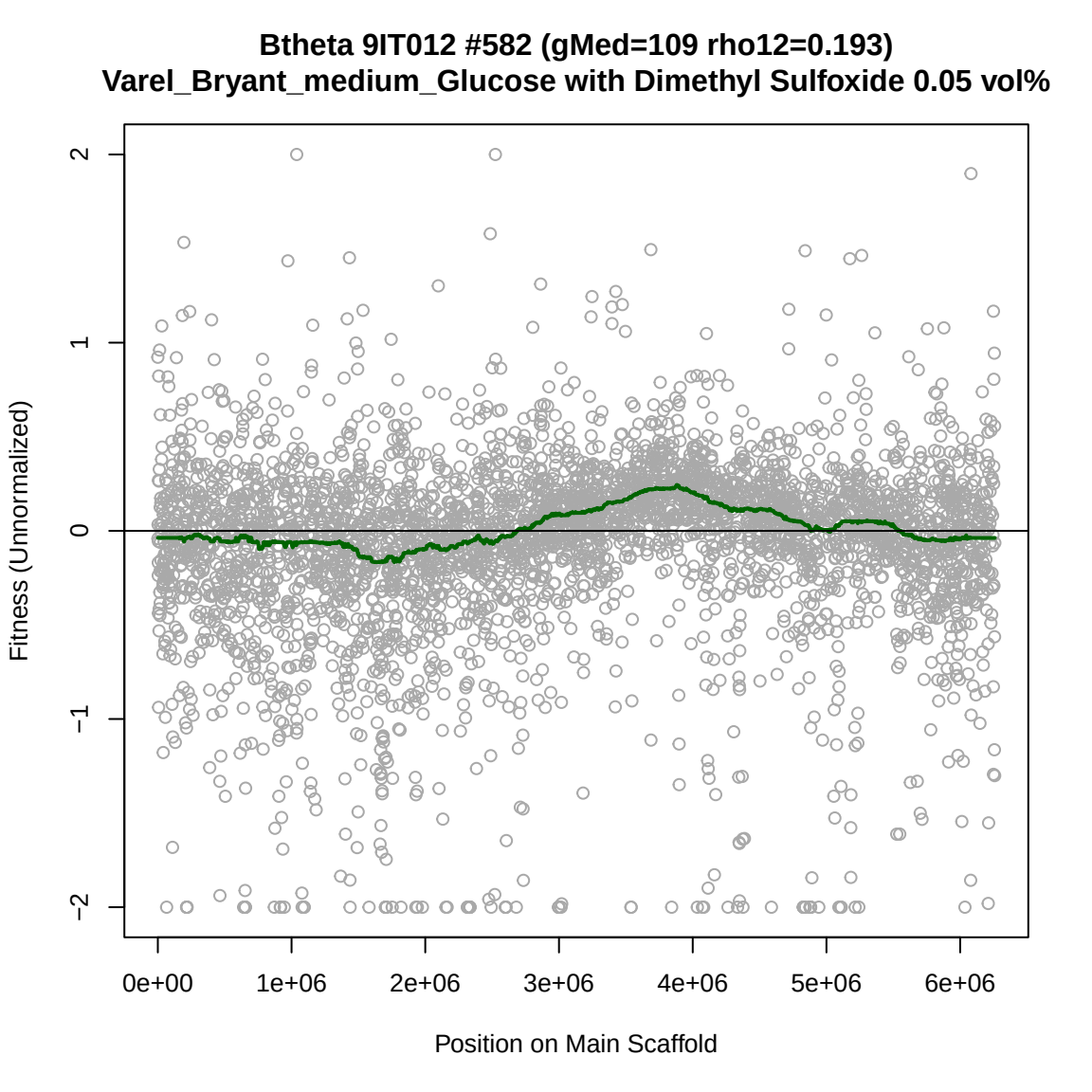

Btheta 9IT007 #577 (gMed=87 rho12=0.070)
BHIS with Thioridazine 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

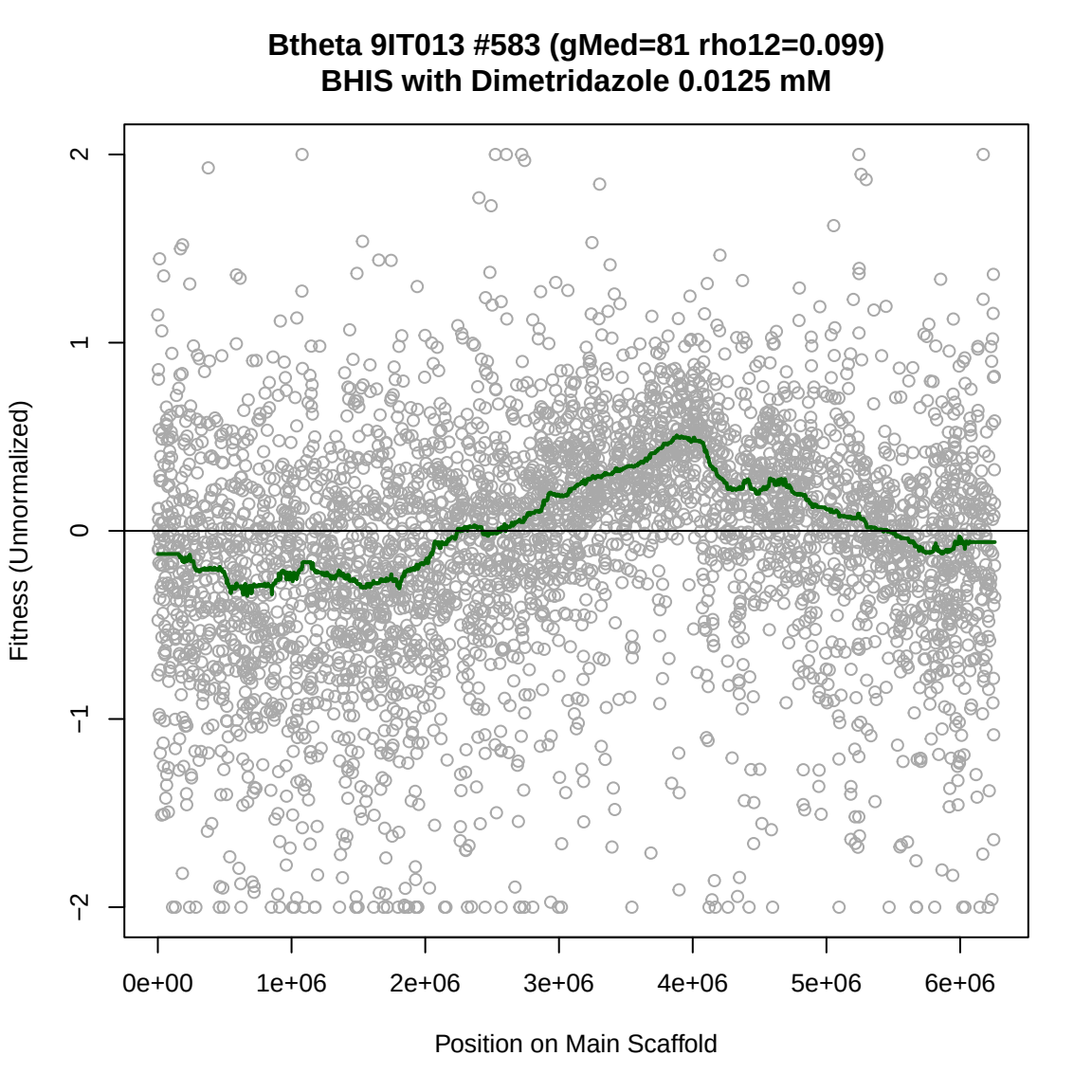

Btheta 9IT008 #578 (gMed=74 rho12=0.140)
BHIS with Dimetridazole 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

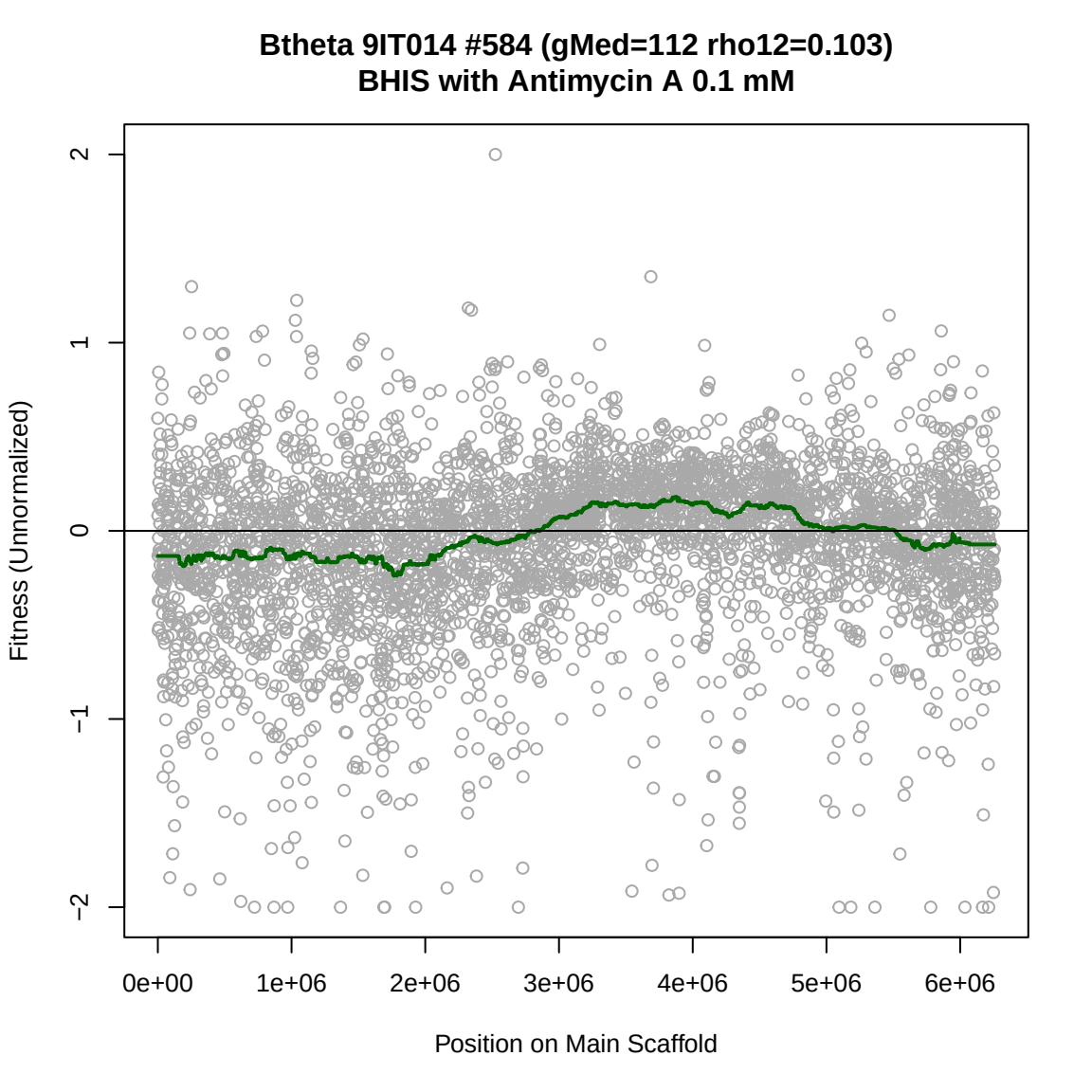

Btheta 9IT009 #579 (gMed=94 rho12=0.095)
BHIS with Oxytetracycline 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

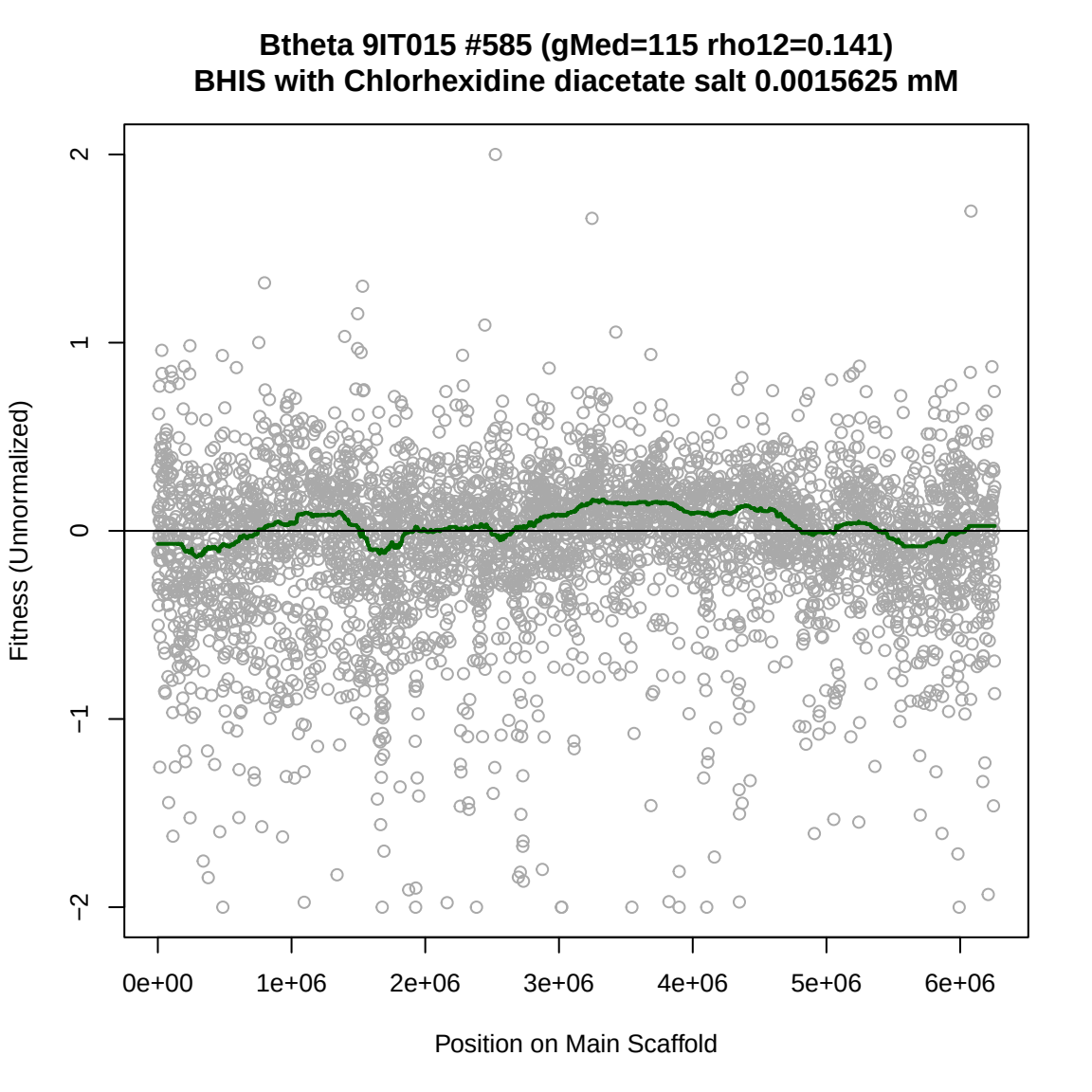

Btheta 9IT010 #580 (gMed=116 rho12=0.104)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

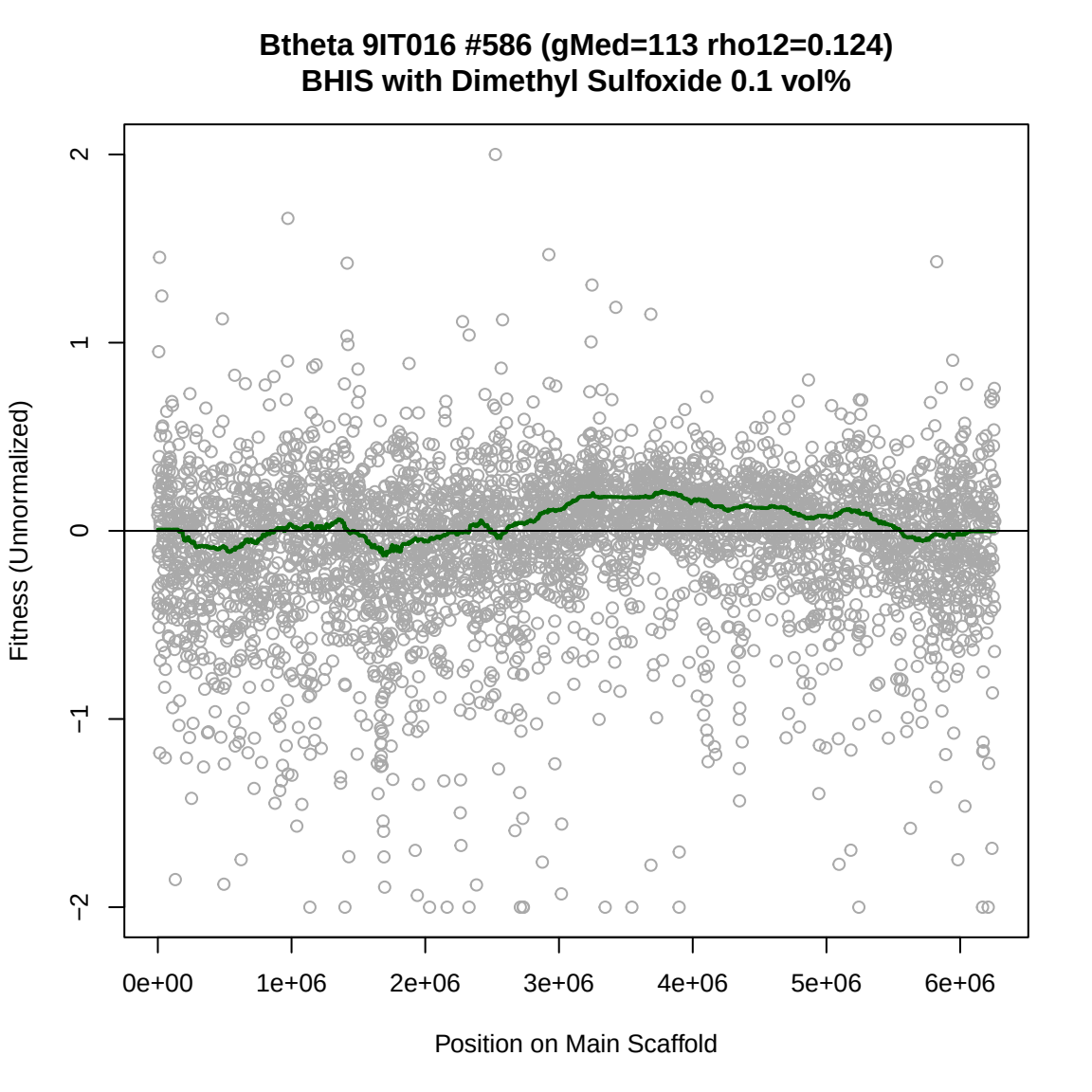

Btheta 9IT011 #581 (gMed=111 rho12=0.174)
Varel_Bryant_medium_Glucose with Chlorhexidine diacetate salt 0.0015625
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

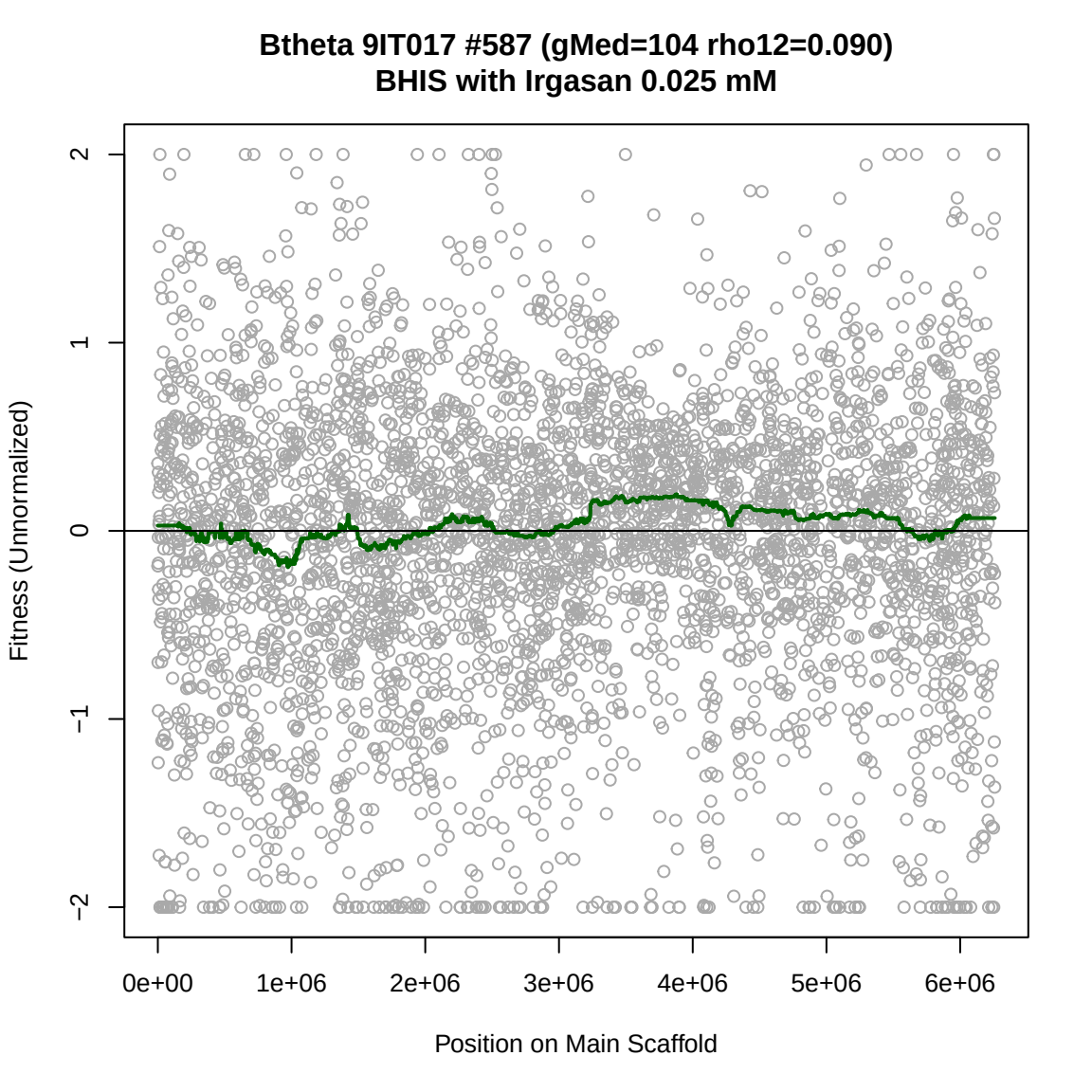

Btheta 9IT012 #582 (gMed=109 rho12=0.193)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.05 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

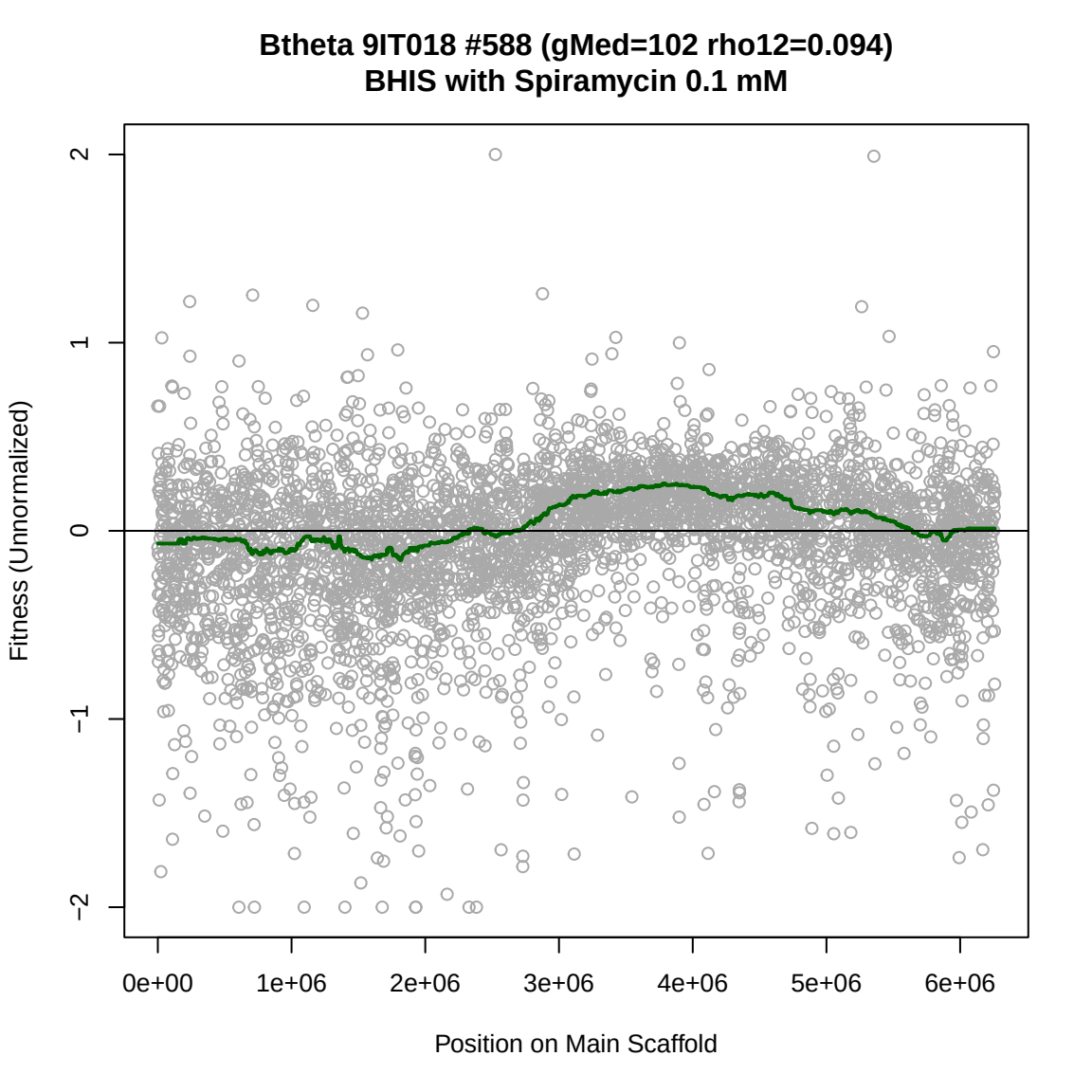

Btheta 9IT013 #583 (gMed=81 rho12=0.099)
BHIS with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

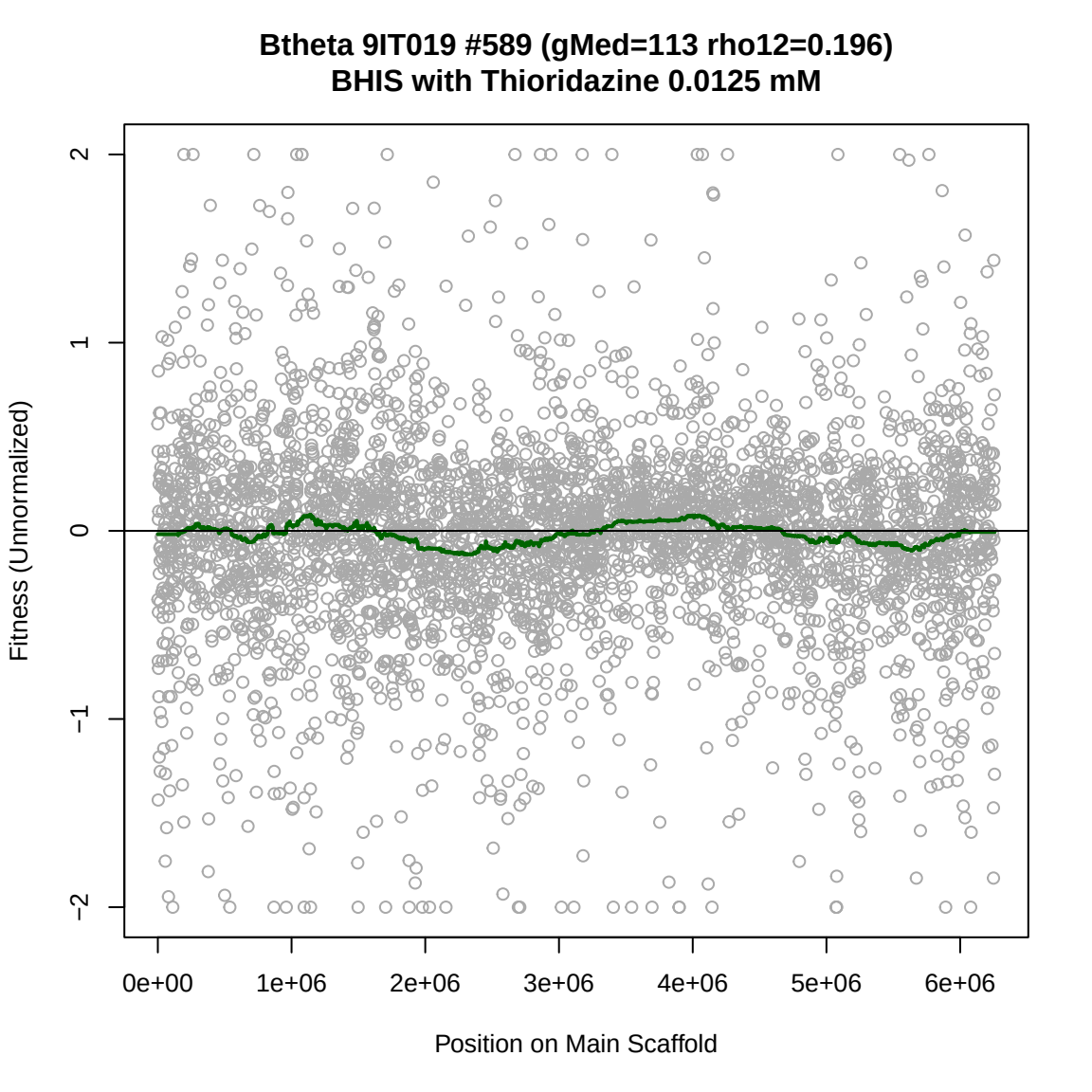

Btheta 9IT014 #584 (gMed=112 rho12=0.103)
BHIS with Antimycin A 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

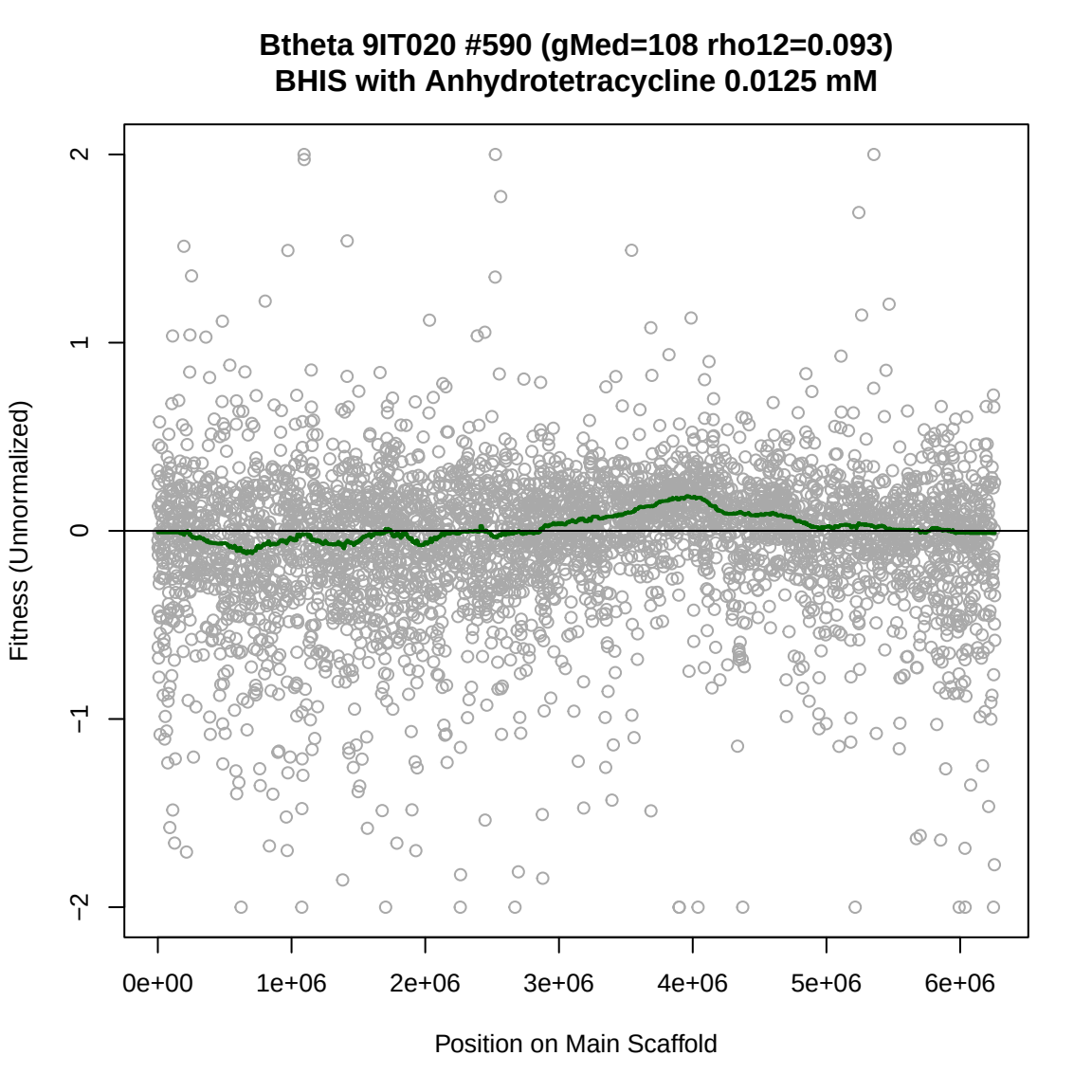

Btheta 9IT015 #585 (gMed=115 rho12=0.141)
BHIS with Chlorhexidine diacetate salt 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

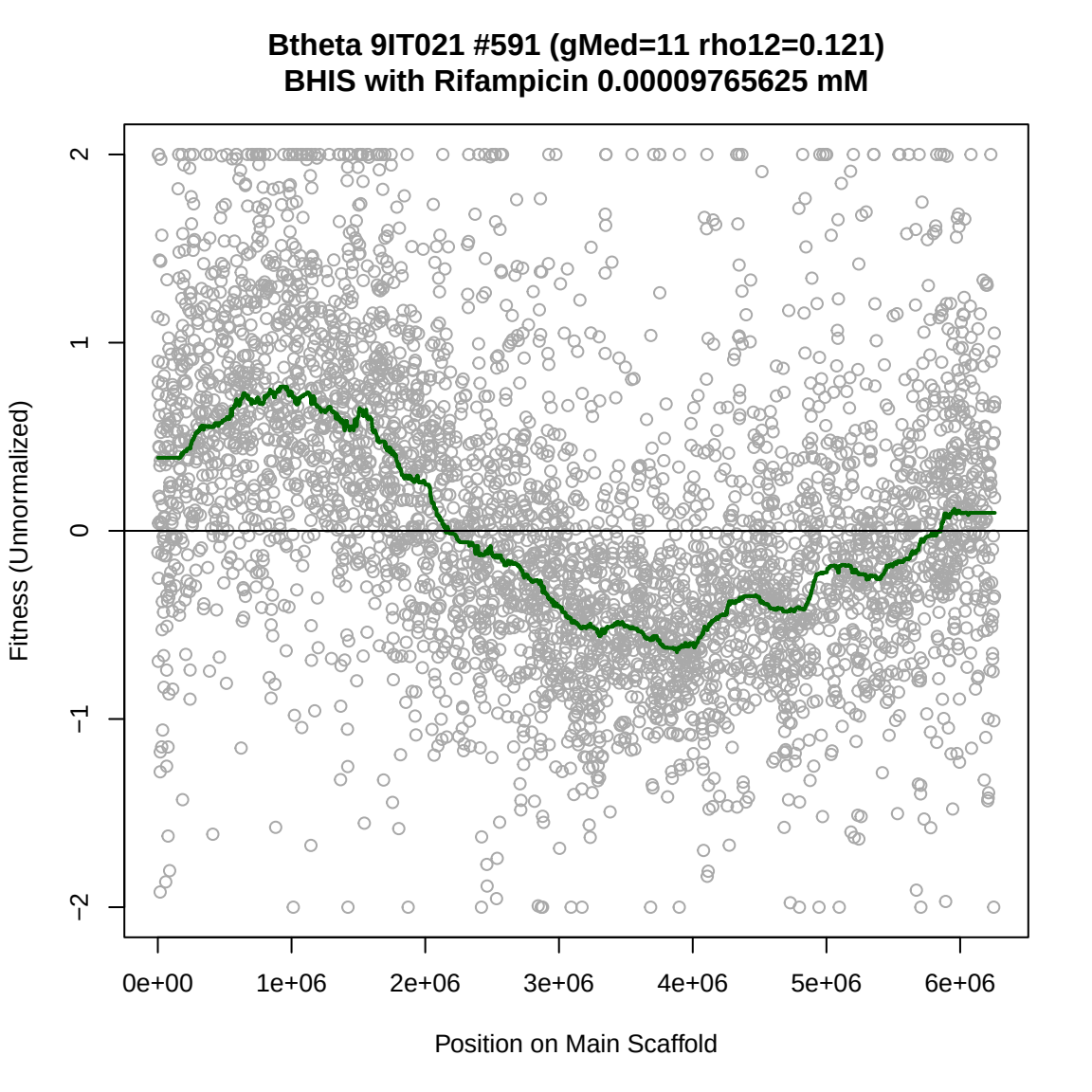

Btheta 9IT016 #586 (gMed=113 rho12=0.124)
BHIS with Dimethyl Sulfoxide 0.1 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

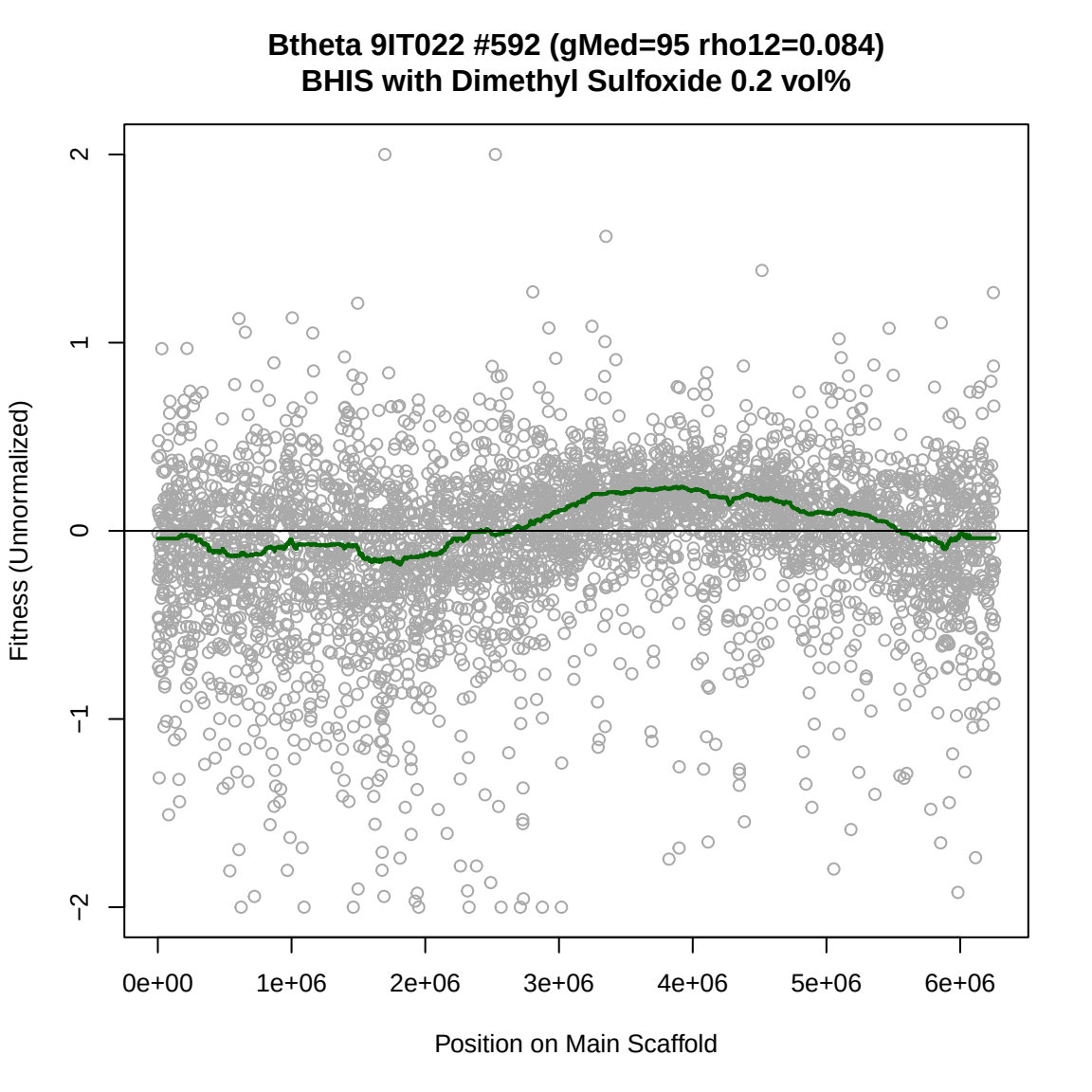

Btheta 9IT017 #587 (gMed=104 rho12=0.090)
BHIS with Irgasan 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

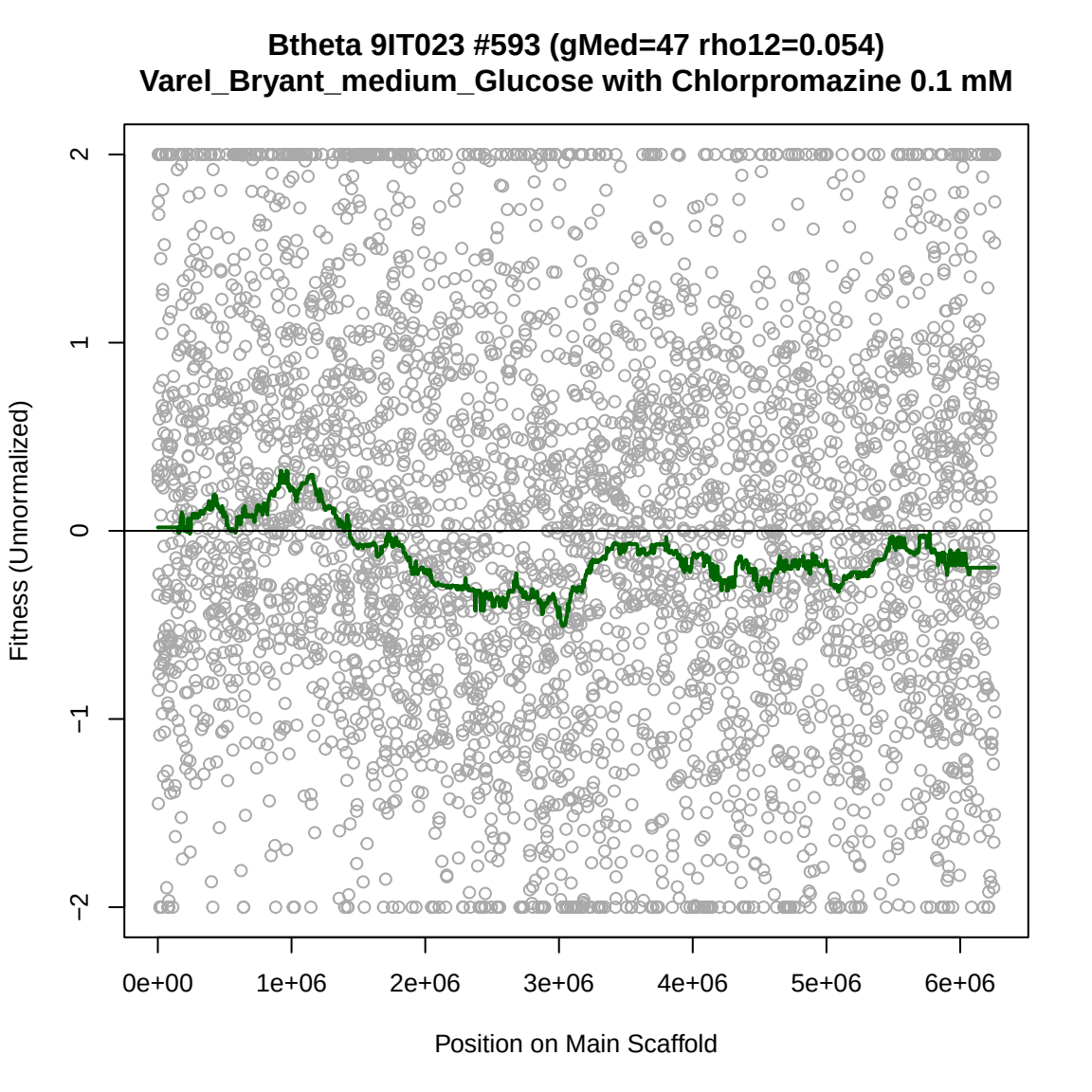

Btheta 9IT018 #588 (gMed=102 rho12=0.094)
BHIS with Spiramycin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

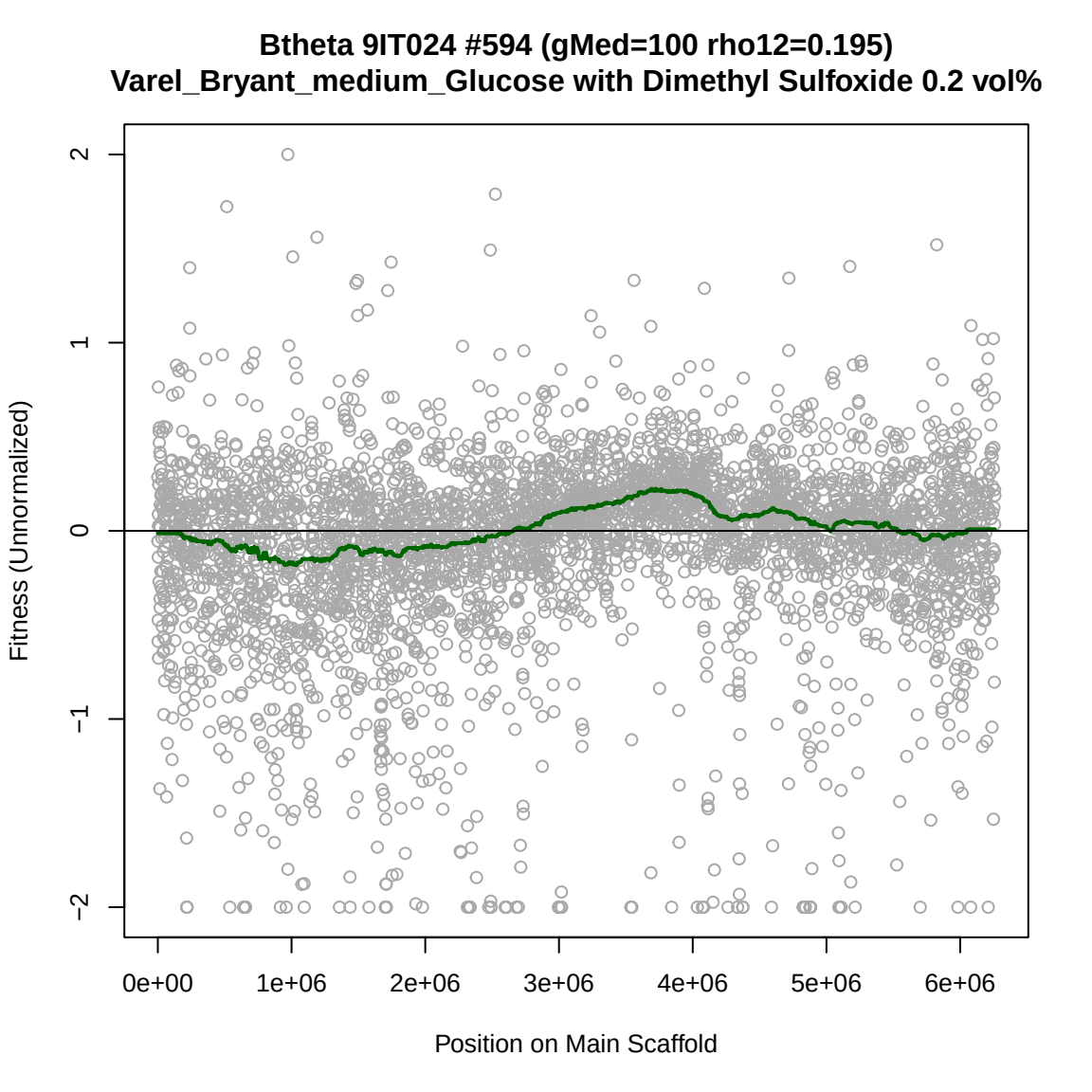

Btheta 9IT019 #589 (gMed=113 rho12=0.196)
BHIS with Thioridazine 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

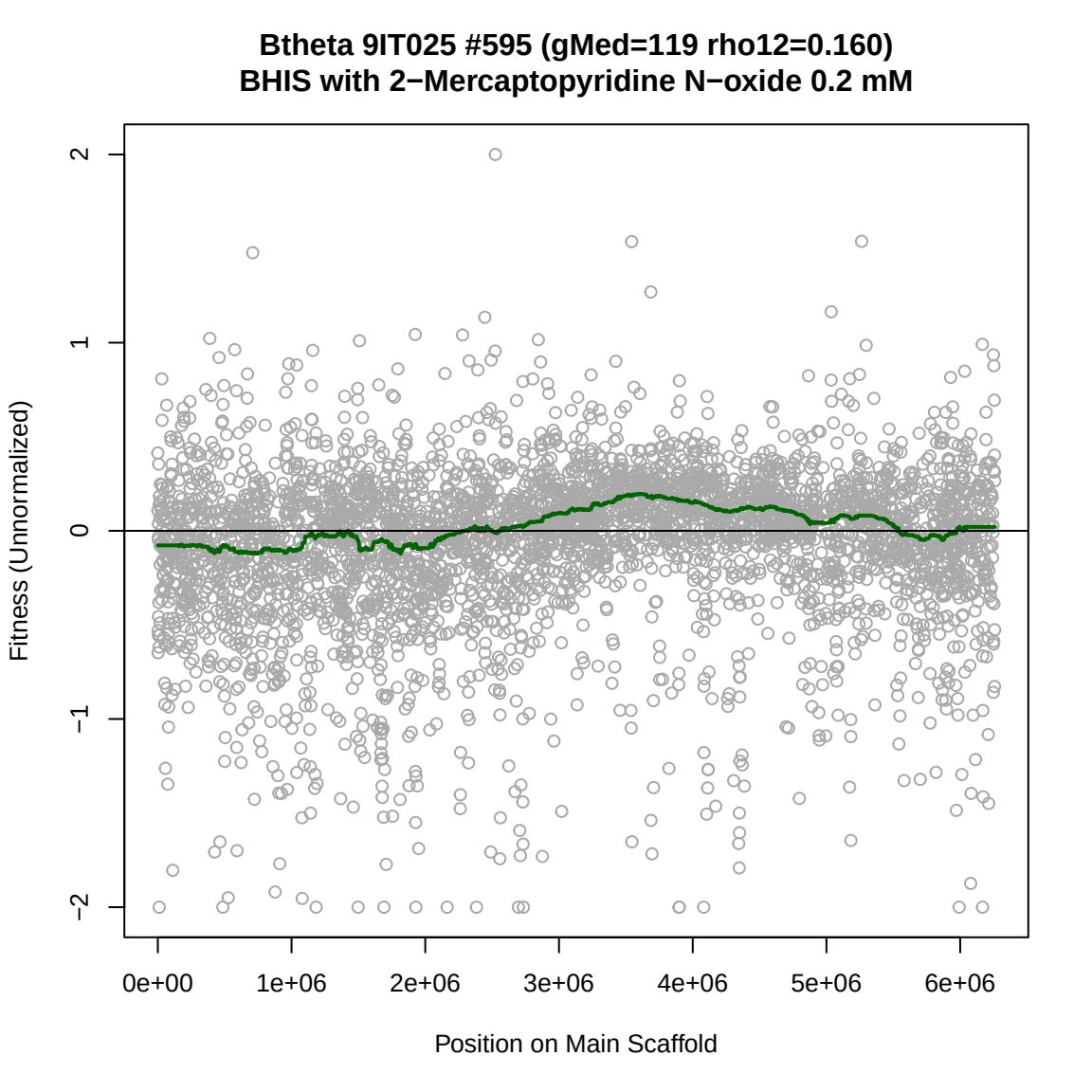

Btheta 9IT020 #590 (gMed=108 rho12=0.093)
BHIS with Anhydrotetracycline 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

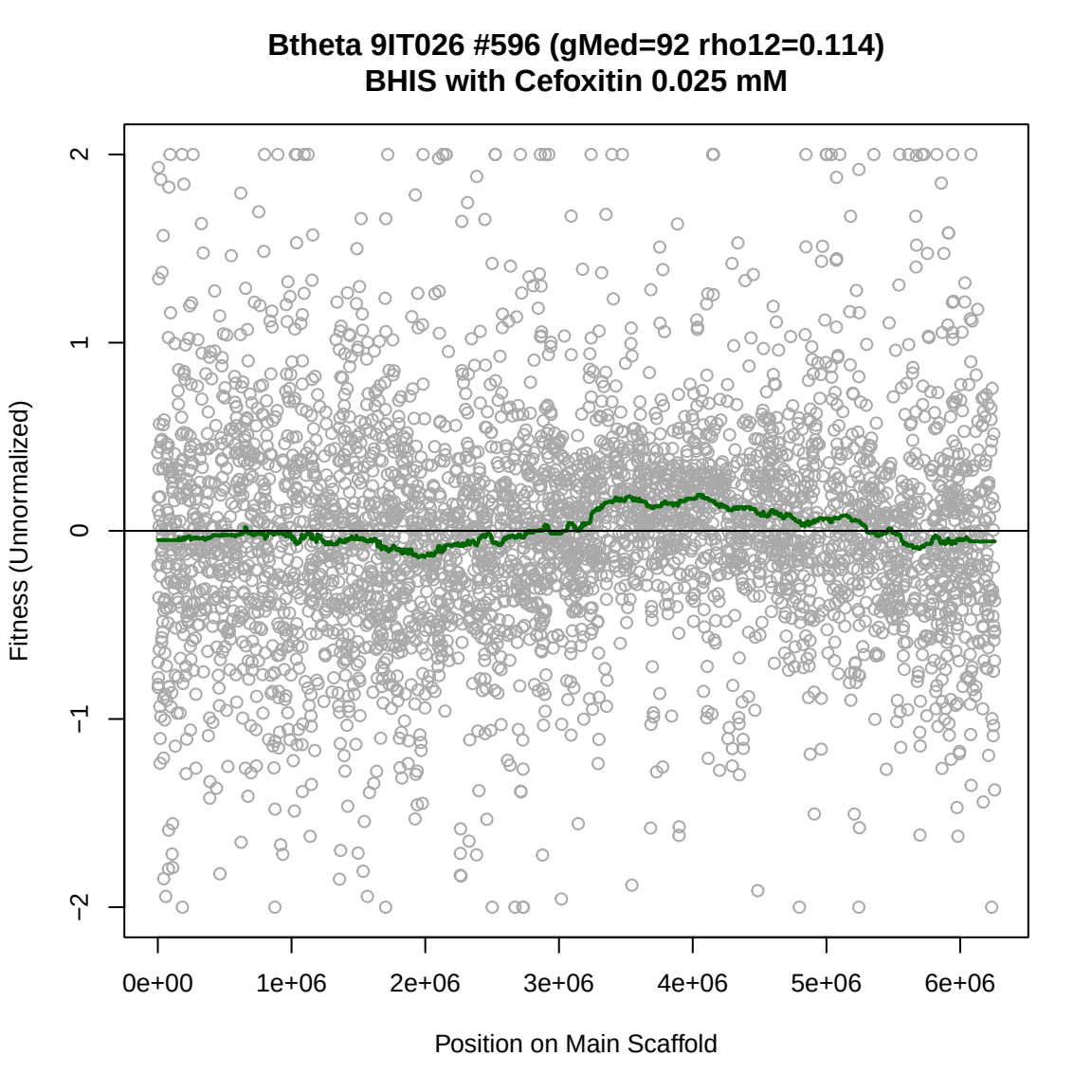

Btheta 9IT021 #591 (gMed=11 rho12=0.121)
BHIS with Rifampicin 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

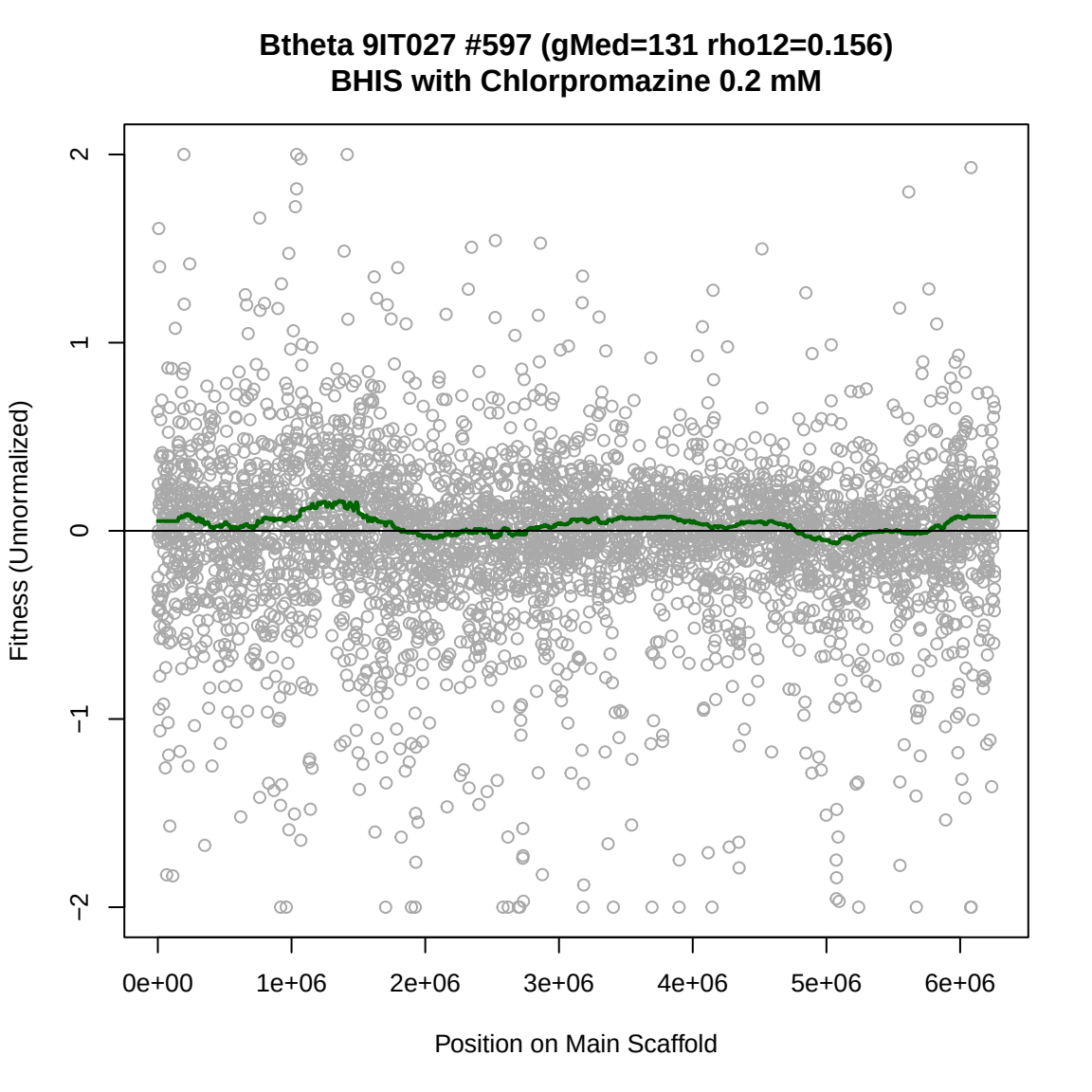

Btheta 9IT022 #592 (gMed=95 rho12=0.084)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

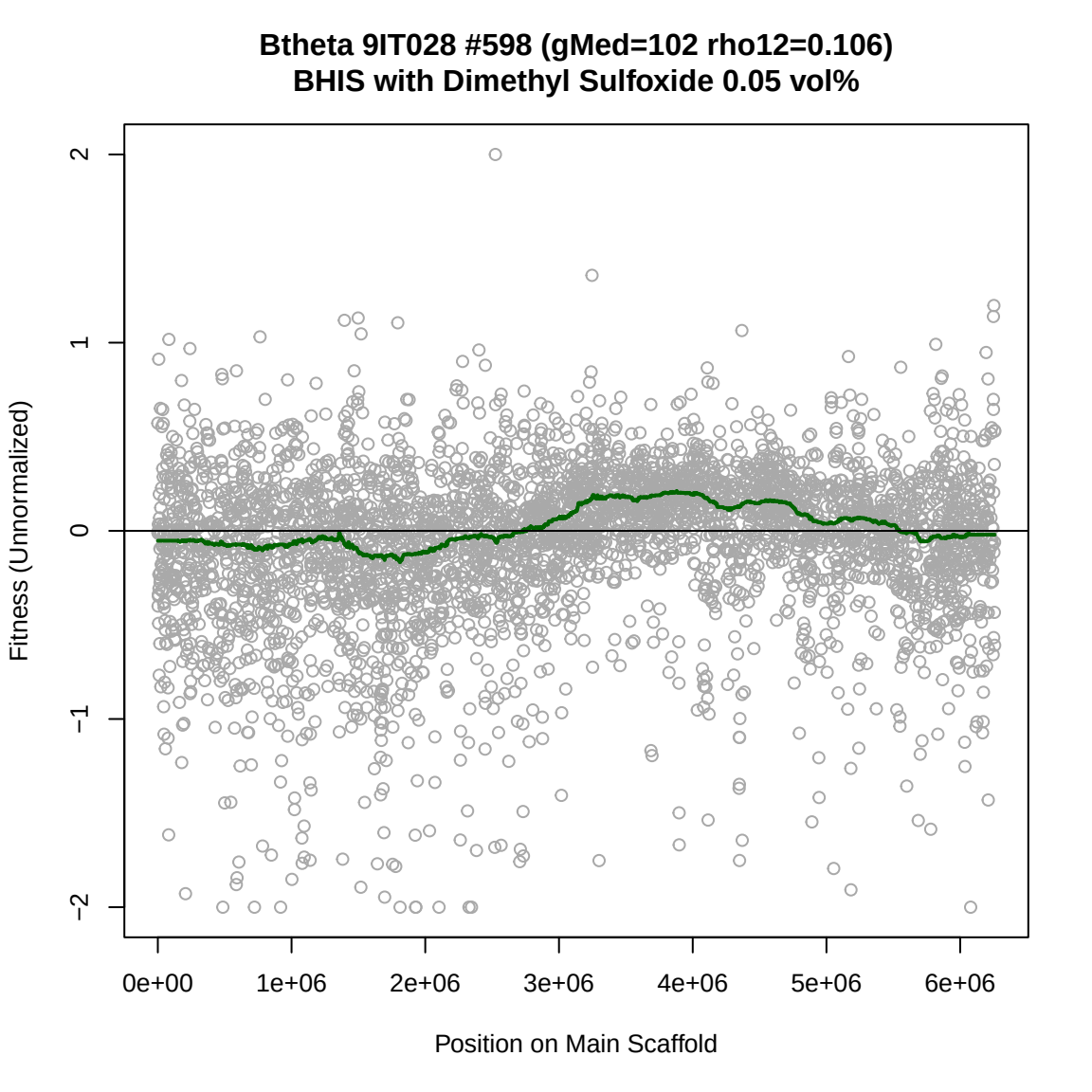

Btheta 9IT023 #593 (gMed=47 rho12=0.054)
Varel_Bryant_medium_Glucose with Chlorpromazine 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

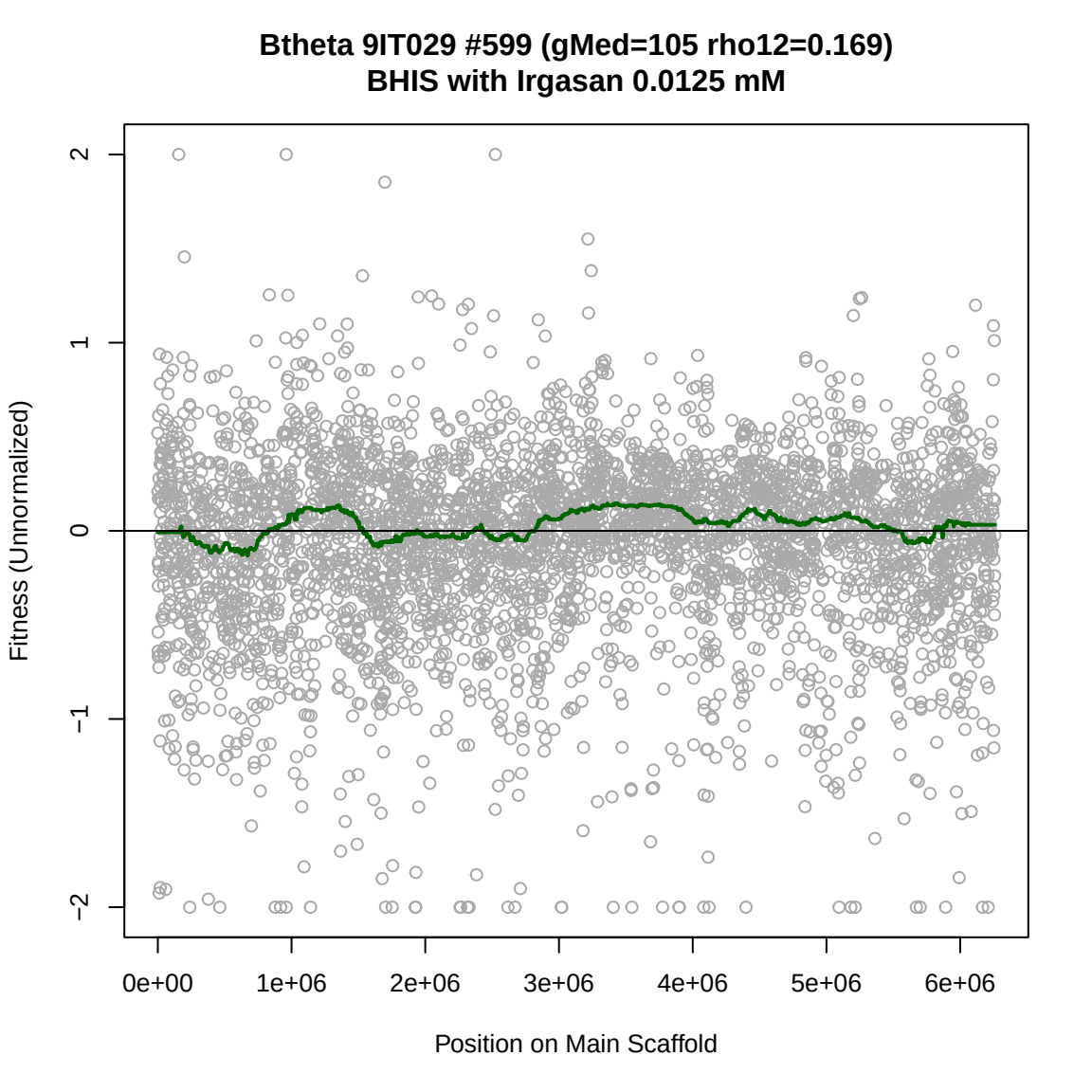

Btheta 9IT024 #594 (gMed=100 rho12=0.195)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

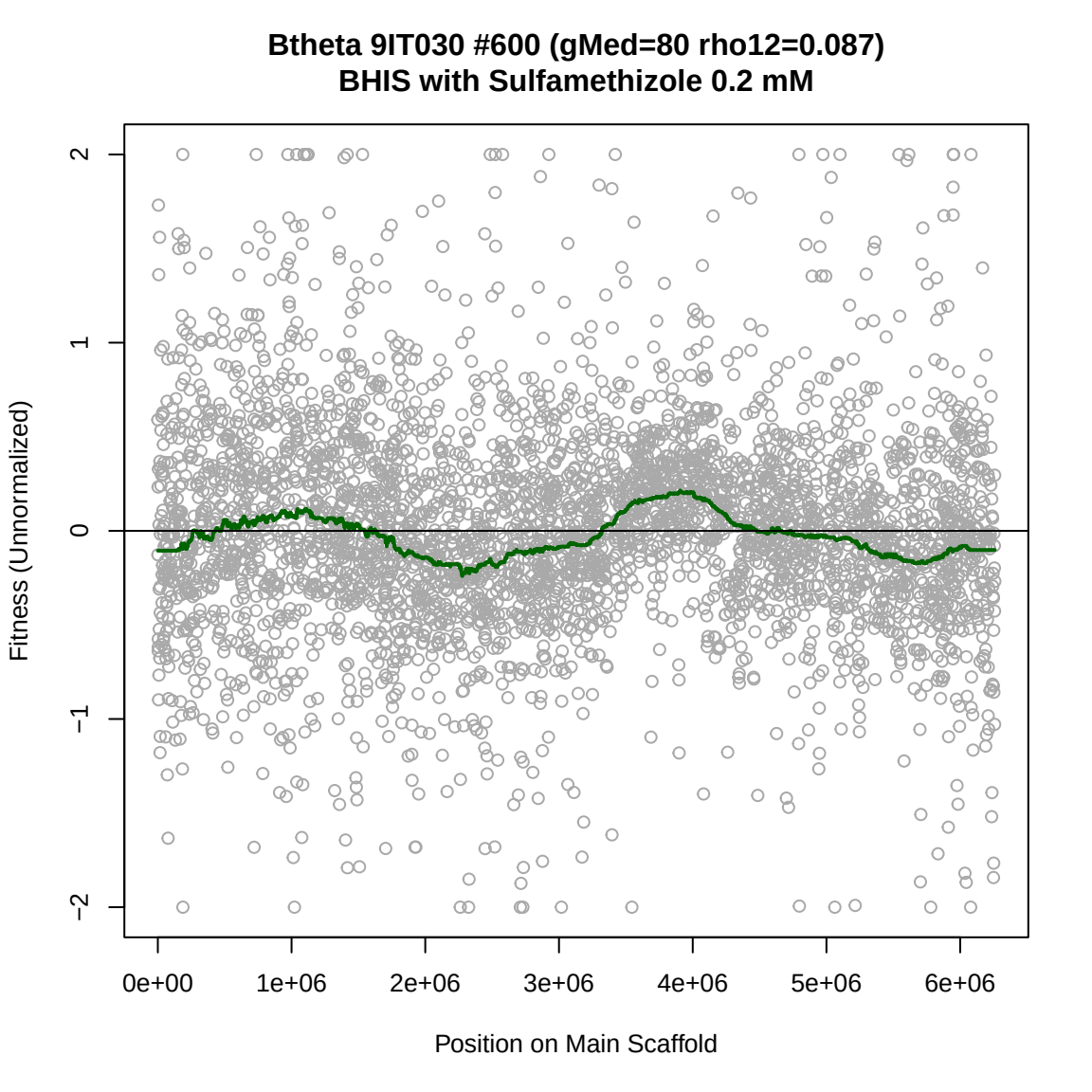

Btheta 9IT025 #595 (gMed=119 rho12=0.160)
BHIS with 2−Mercaptopyridine N−oxide 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

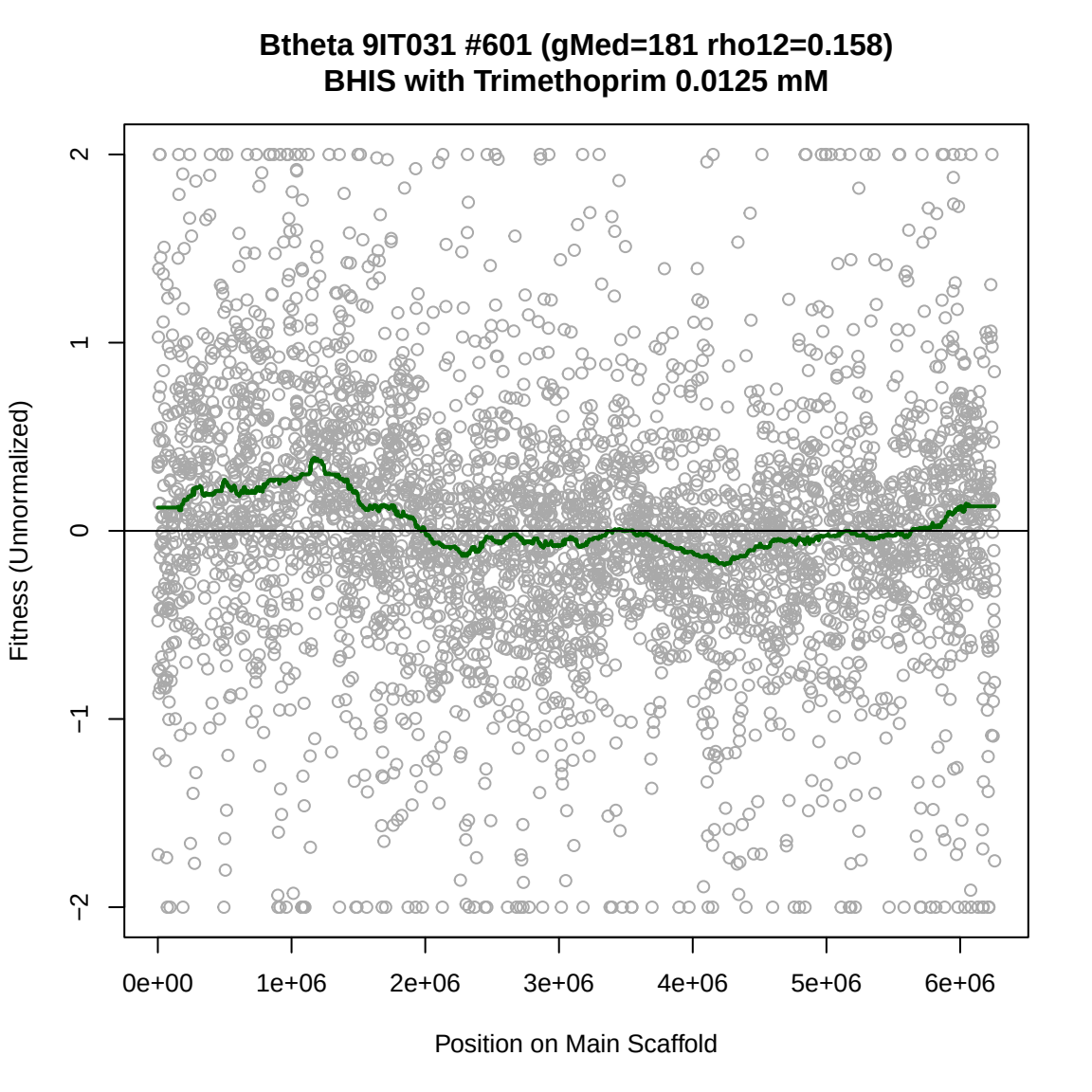

Btheta 9IT026 #596 (gMed=92 rho12=0.114)
BHIS with Cefoxitin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

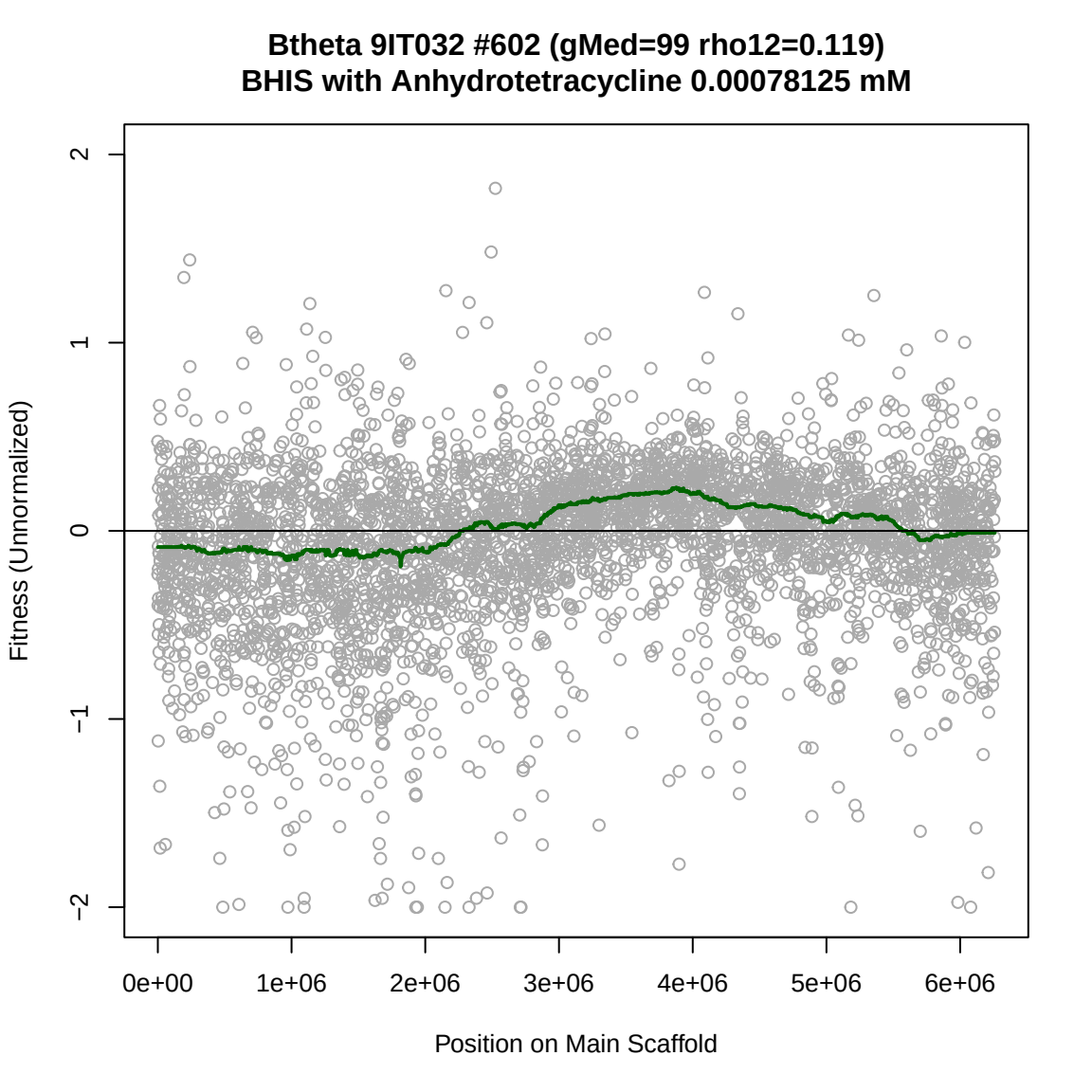

Btheta 9IT027 #597 (gMed=131 rho12=0.156)
BHIS with Chlorpromazine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

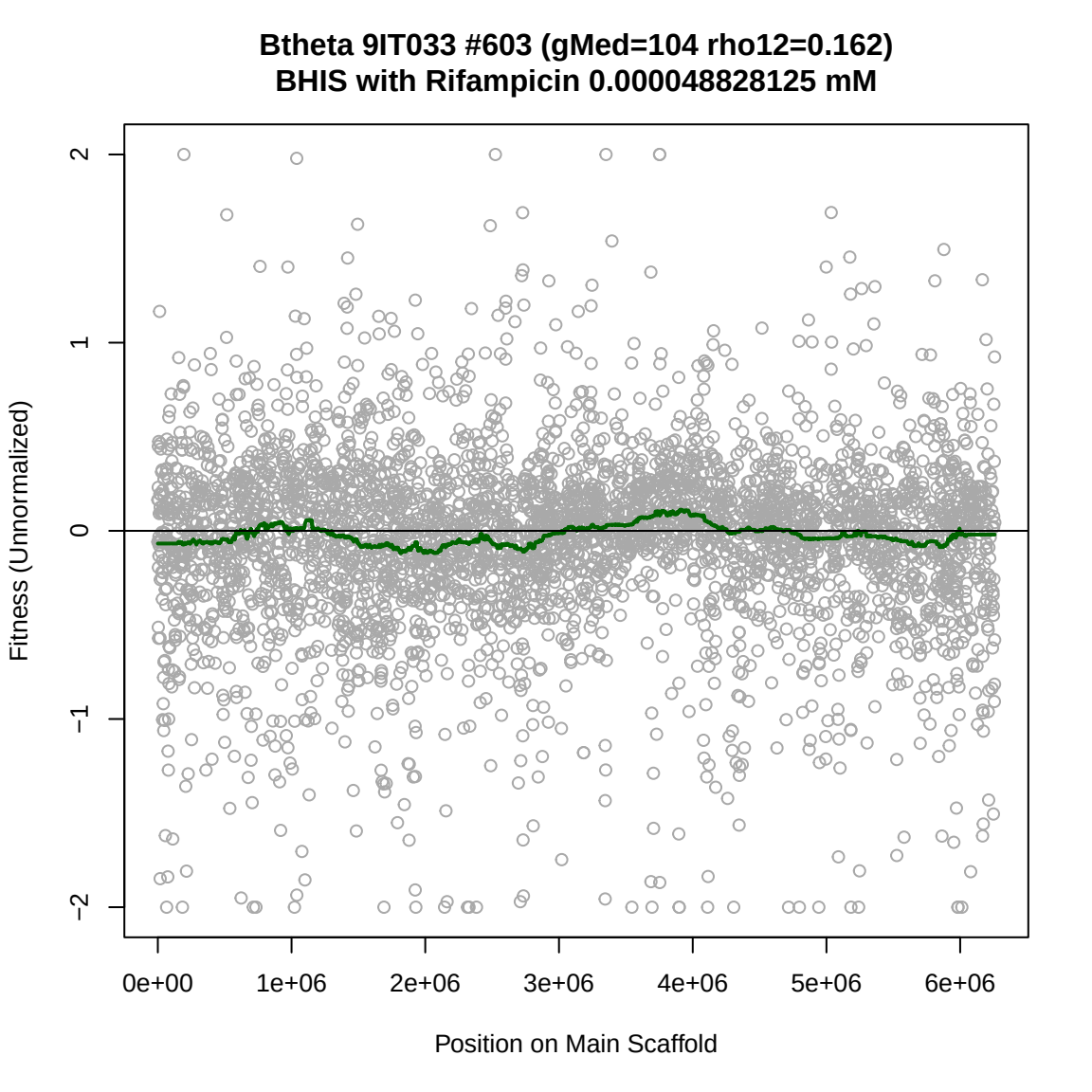

Btheta 9IT028 #598 (gMed=102 rho12=0.106)
BHIS with Dimethyl Sulfoxide 0.05 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

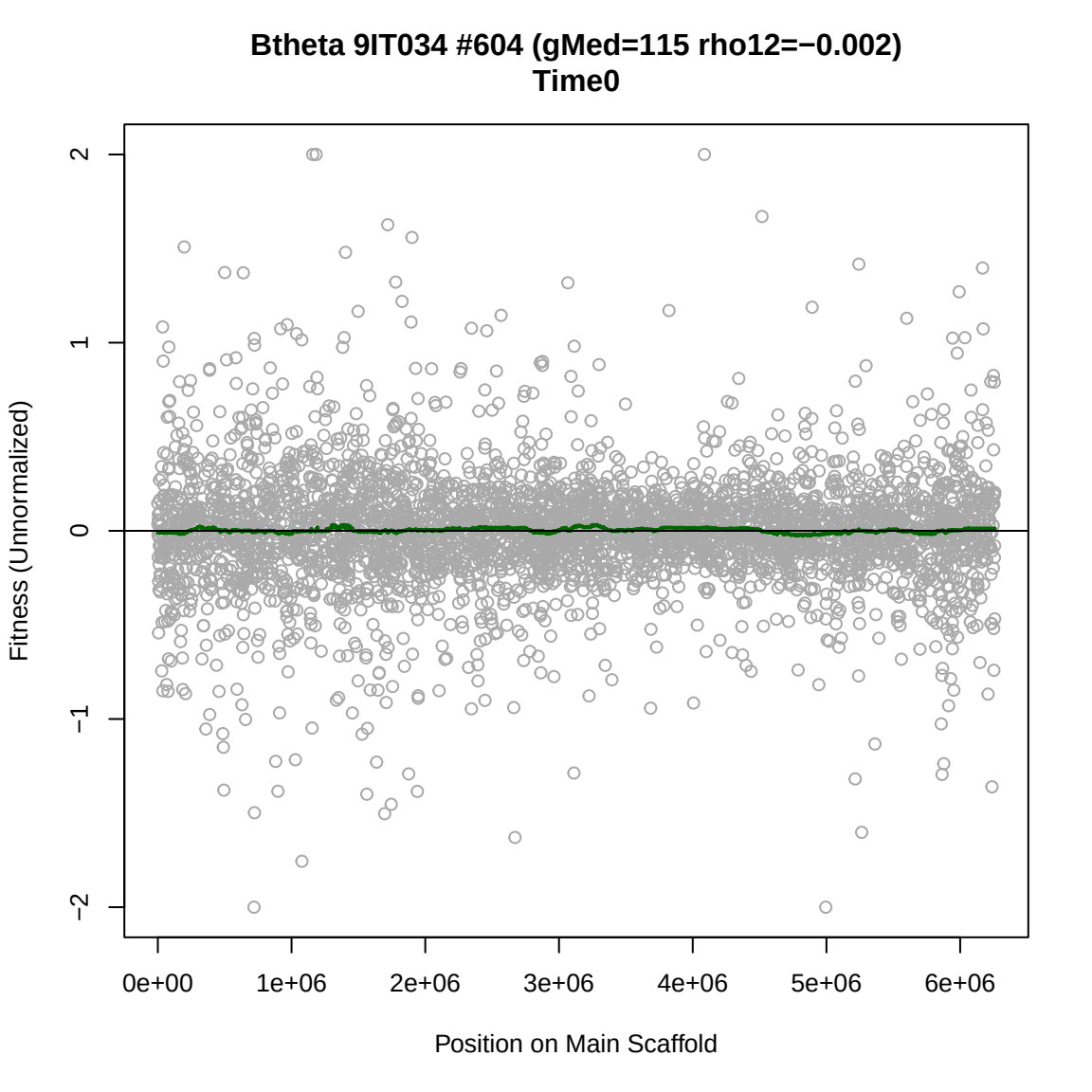

Btheta 9IT029 #599 (gMed=105 rho12=0.169)
BHIS with Irgasan 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

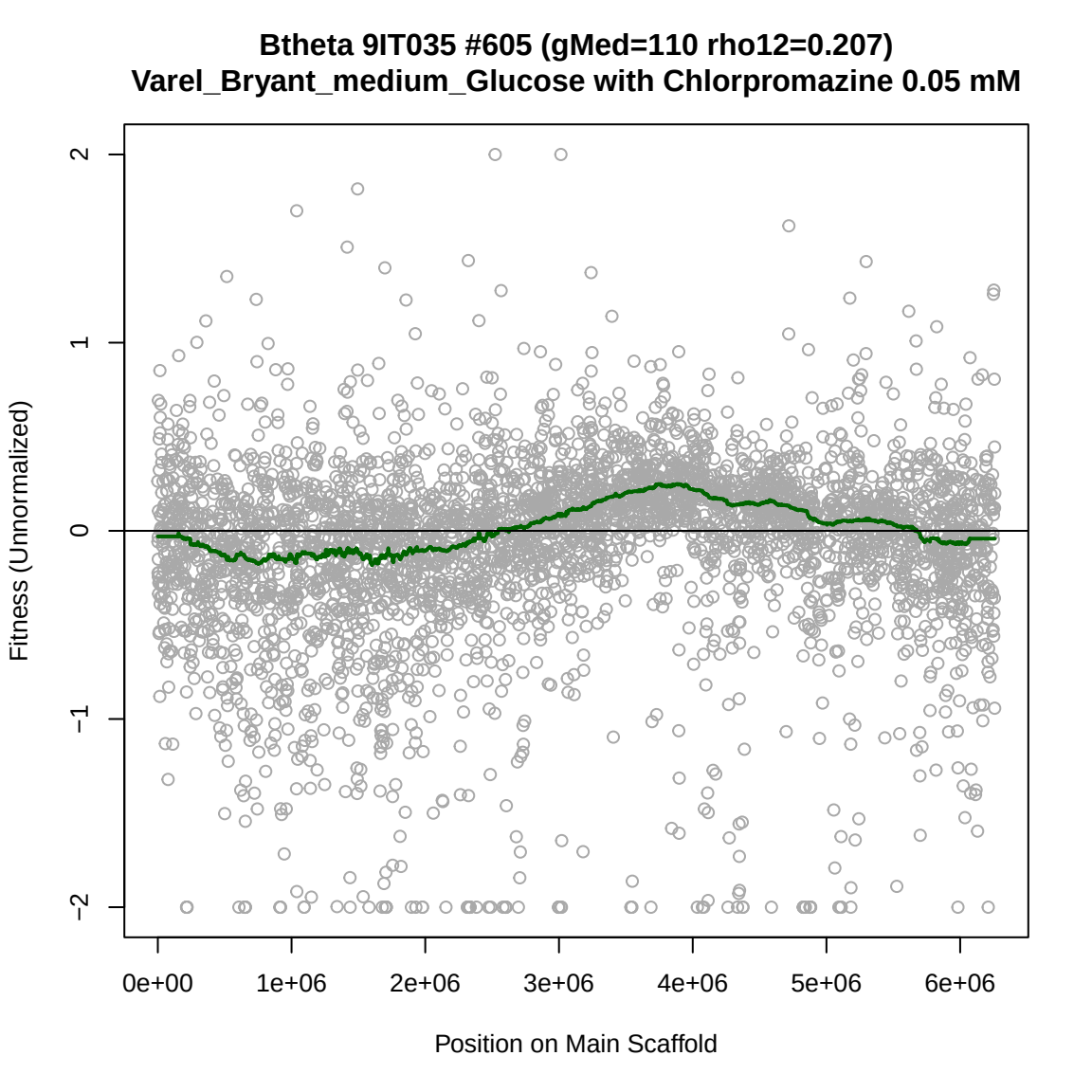

Btheta 9IT030 #600 (gMed=80 rho12=0.087)
BHIS with Sulfamethizole 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

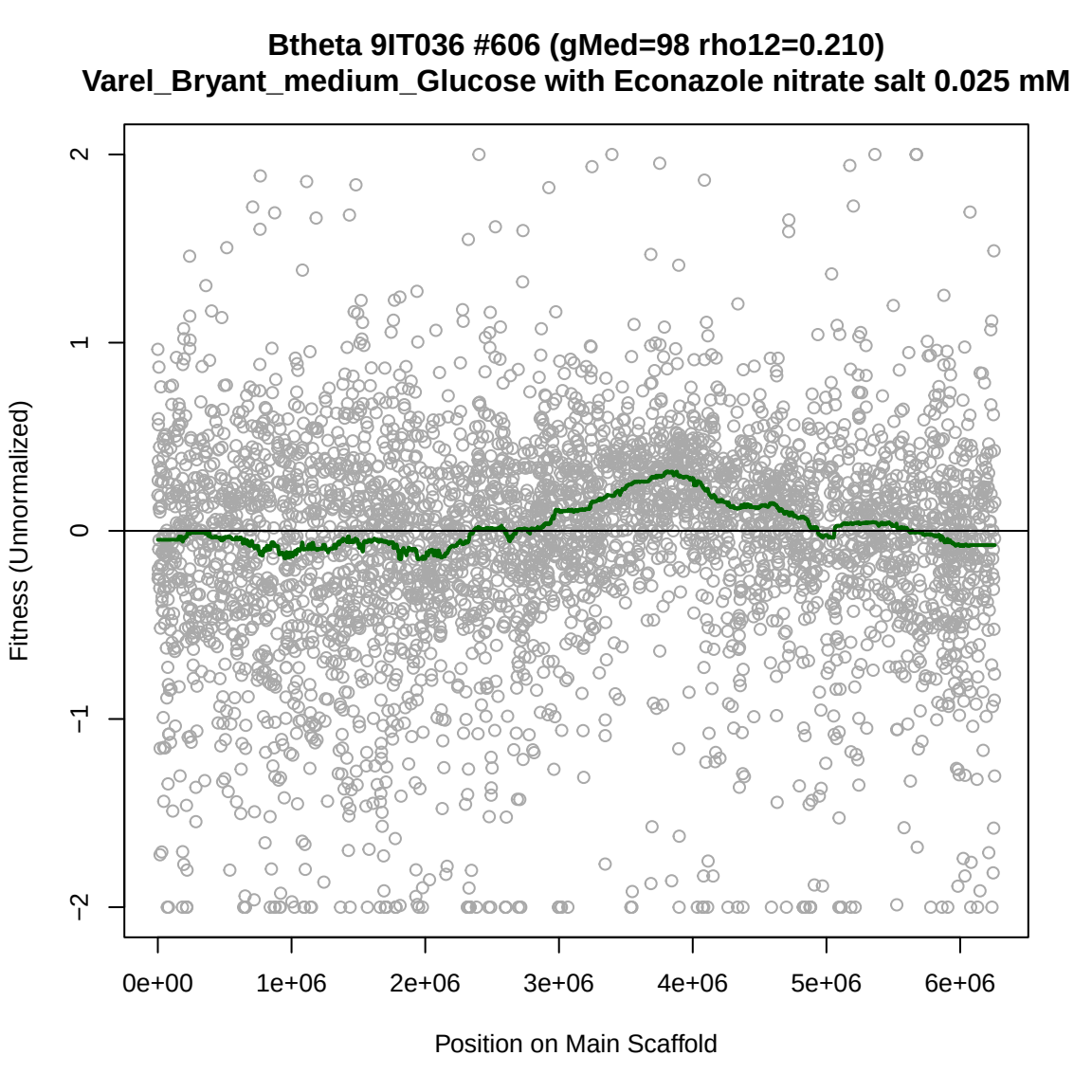

Btheta 9IT031 #601 (gMed=181 rho12=0.158)
BHIS with Trimethoprim 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

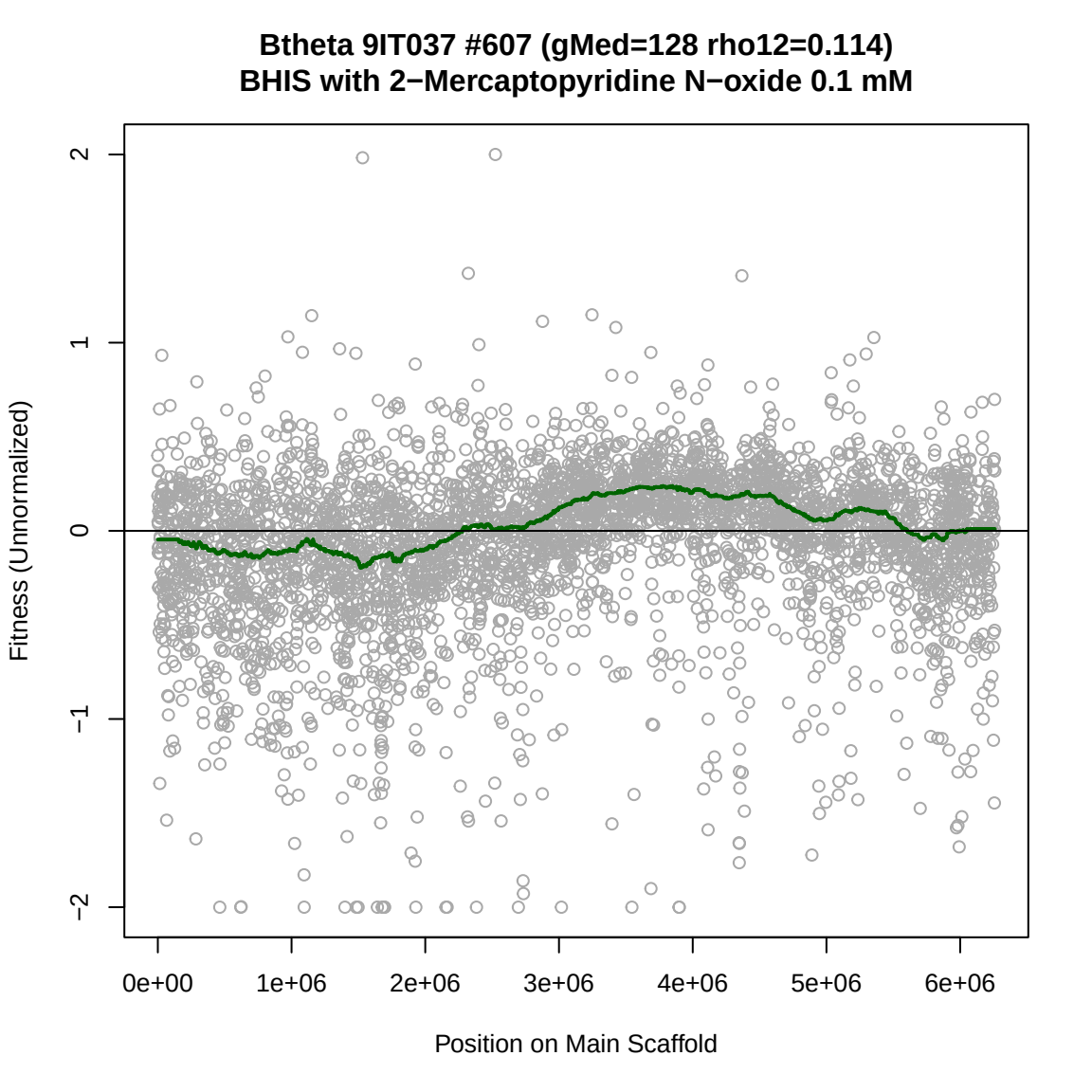

Btheta 9IT032 #602 (gMed=99 rho12=0.119)
BHIS with Anhydrotetracycline 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

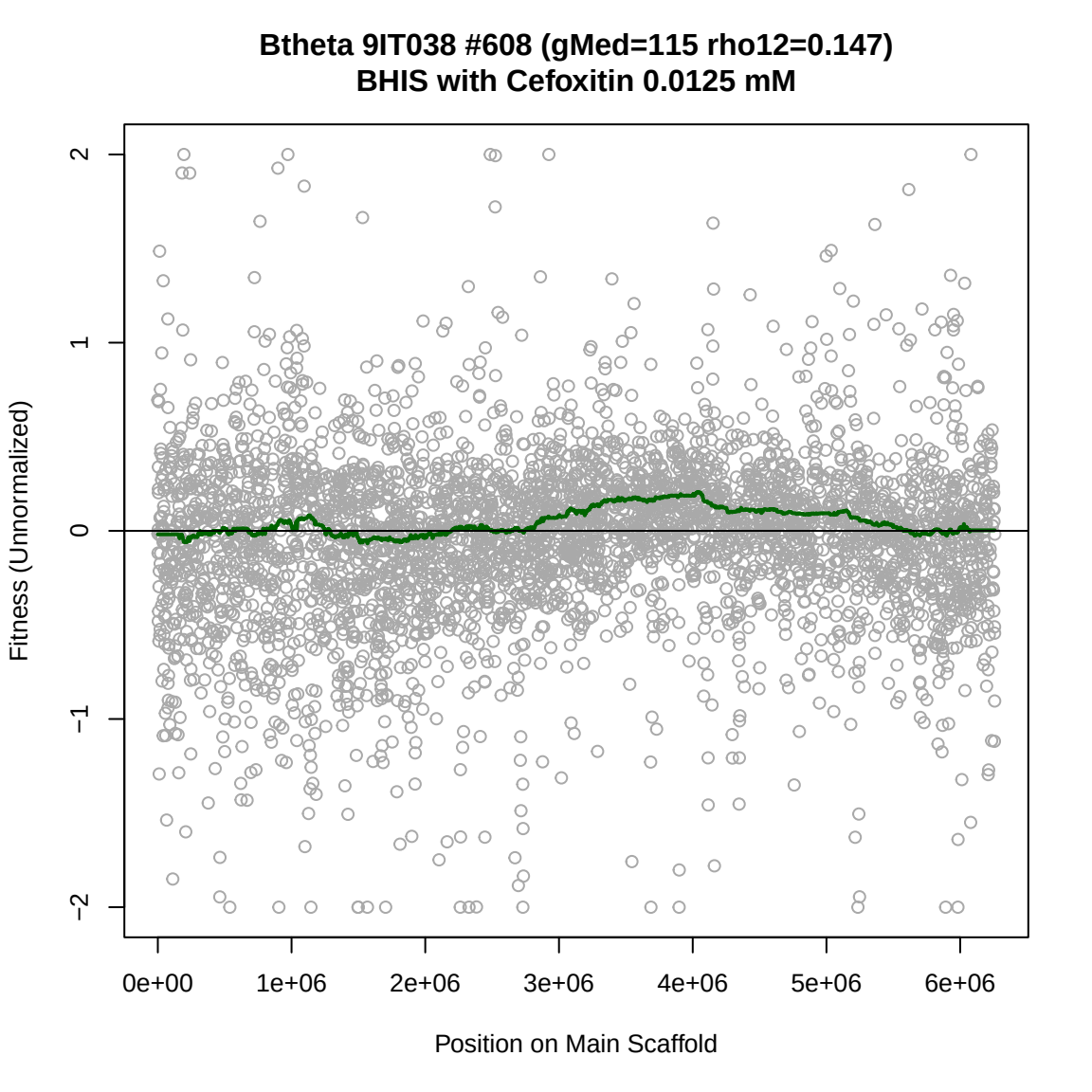

Btheta 9IT033 #603 (gMed=104 rho12=0.162)
BHIS with Rifampicin 0.000048828125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

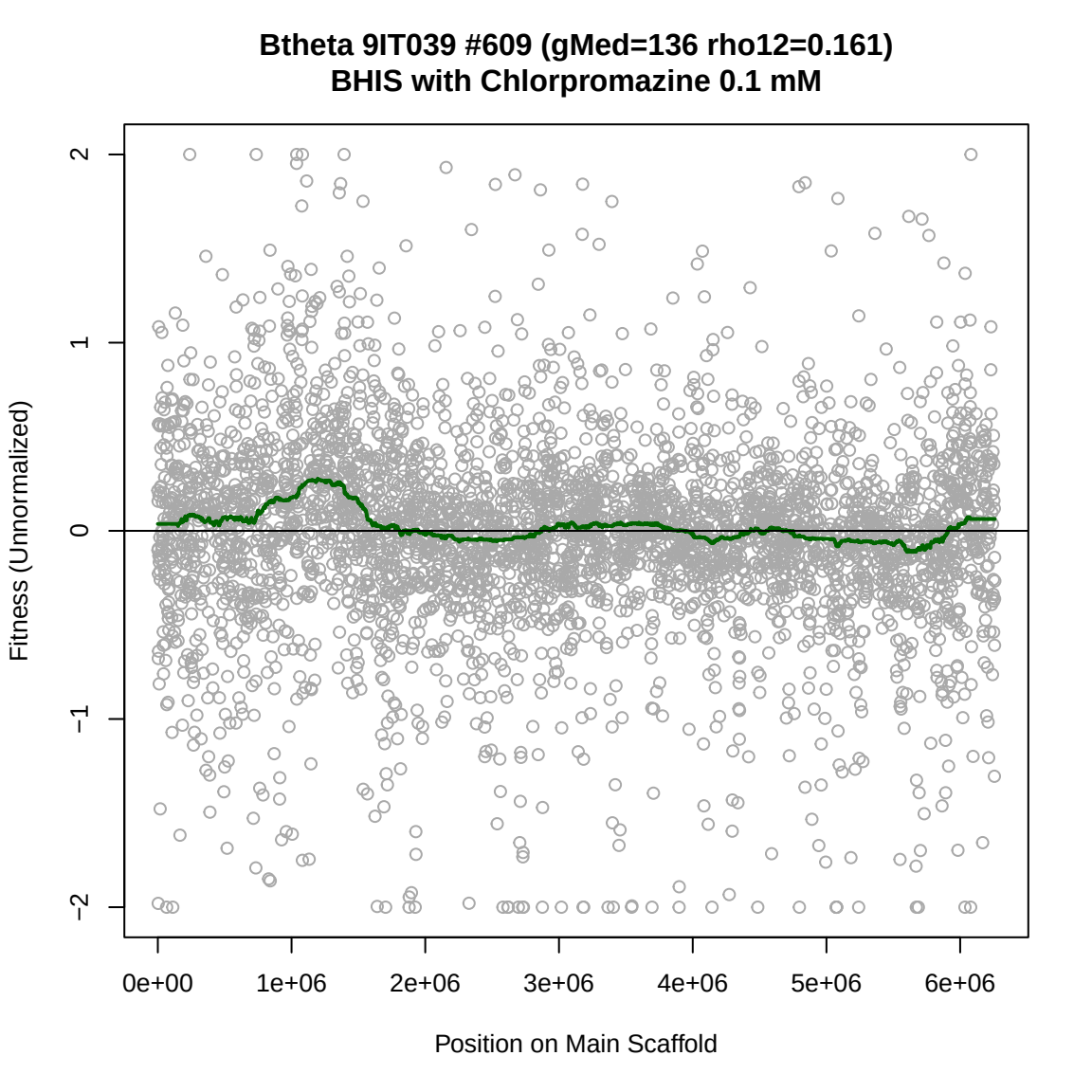

Btheta 9IT034 #604 (gMed=115 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

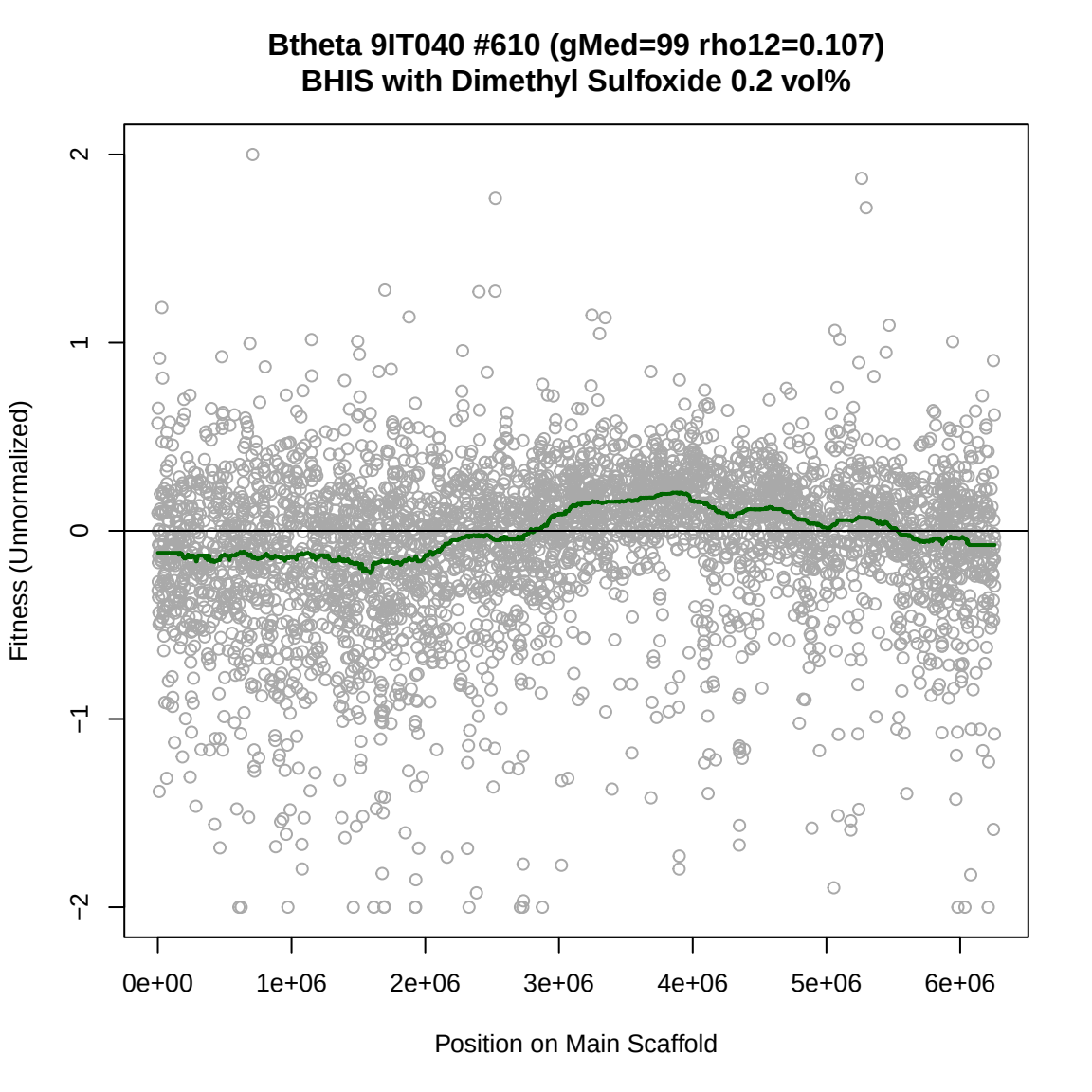

Btheta 9IT035 #605 (gMed=110 rho12=0.207)
Varel_Bryant_medium_Glucose with Chlorpromazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

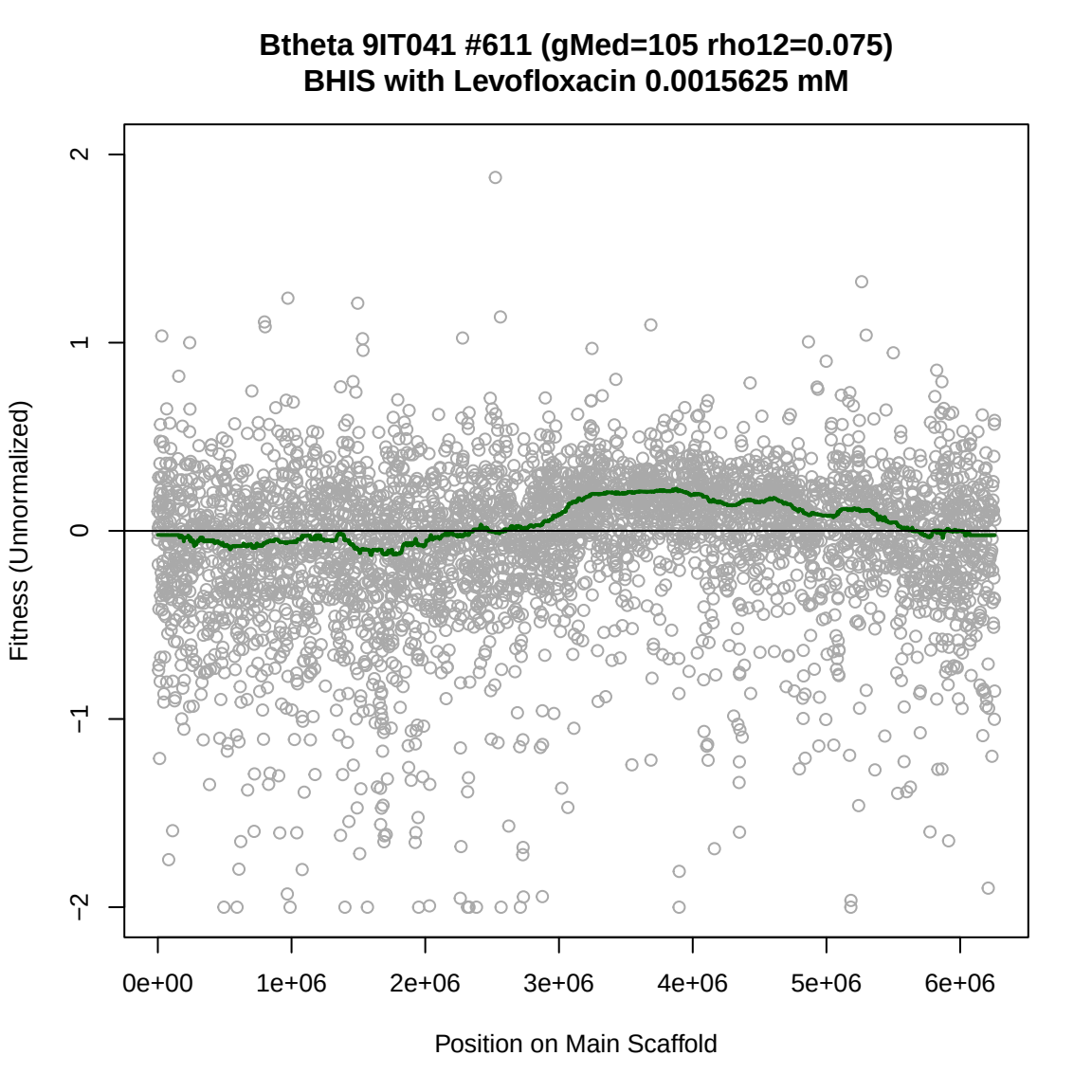

Btheta 9IT036 #606 (gMed=98 rho12=0.210)
Varel_Bryant_medium_Glucose with Econazole nitrate salt 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

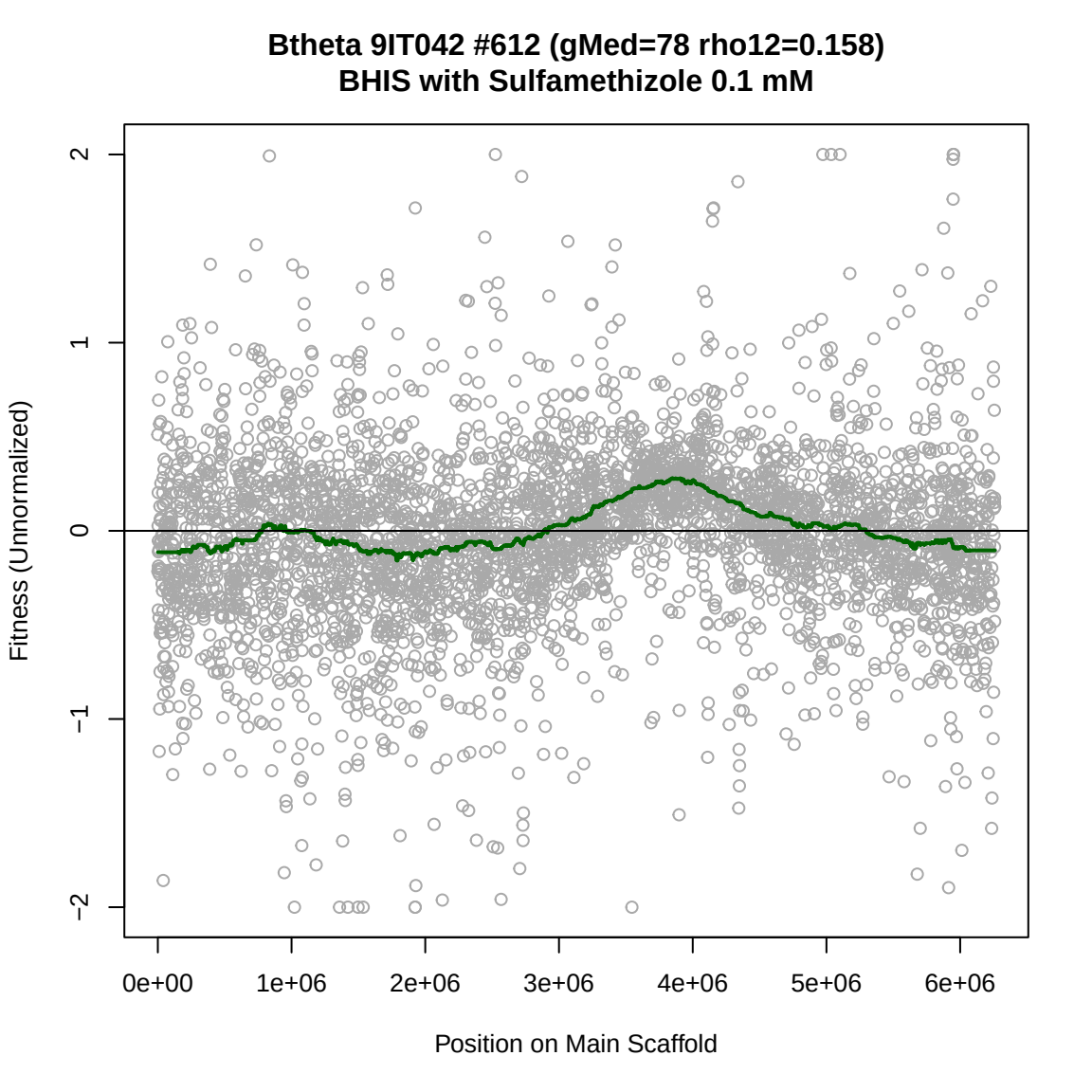

Btheta 9IT037 #607 (gMed=128 rho12=0.114)
BHIS with 2−Mercaptopyridine N−oxide 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

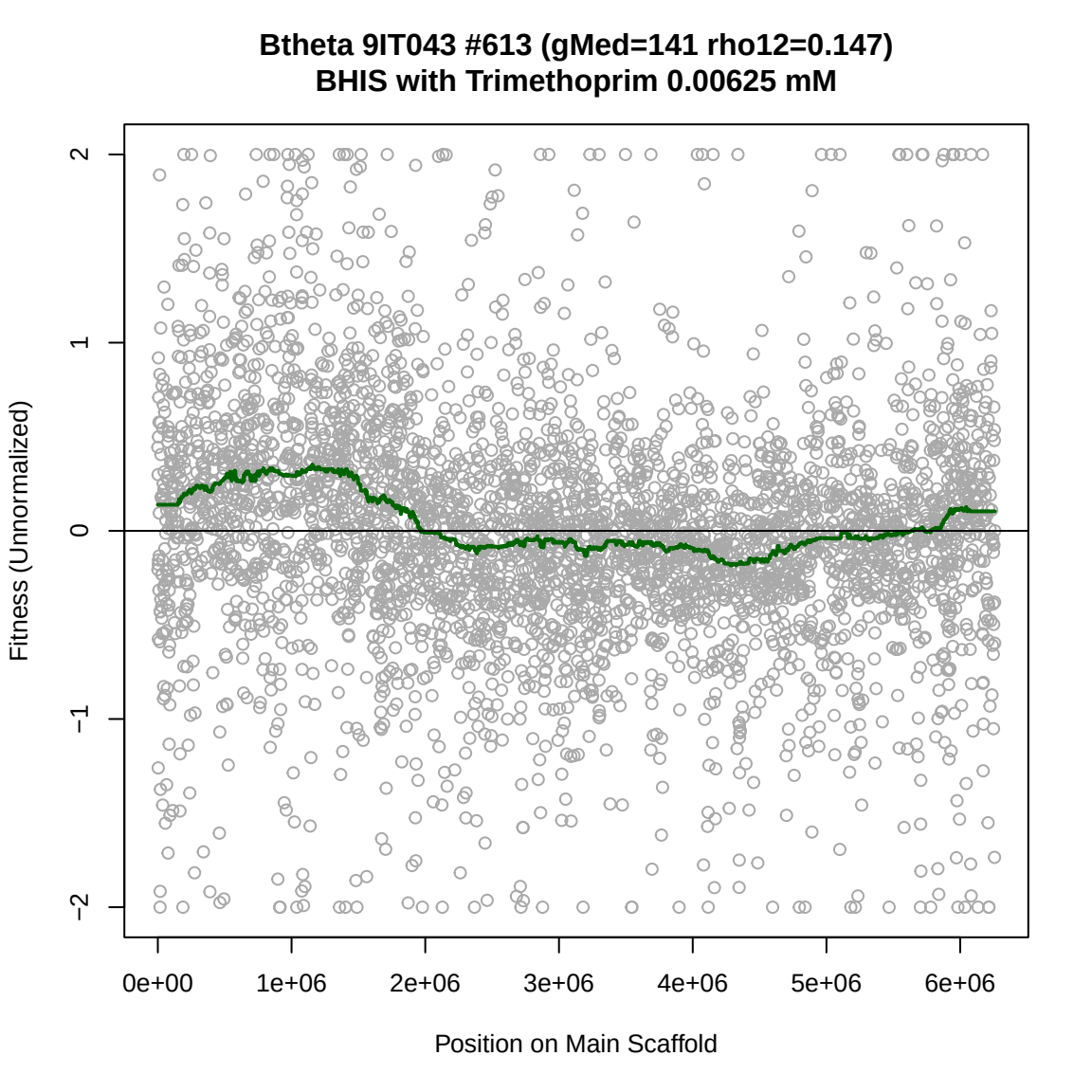

Btheta 9IT038 #608 (gMed=115 rho12=0.147)
BHIS with Cefoxitin 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

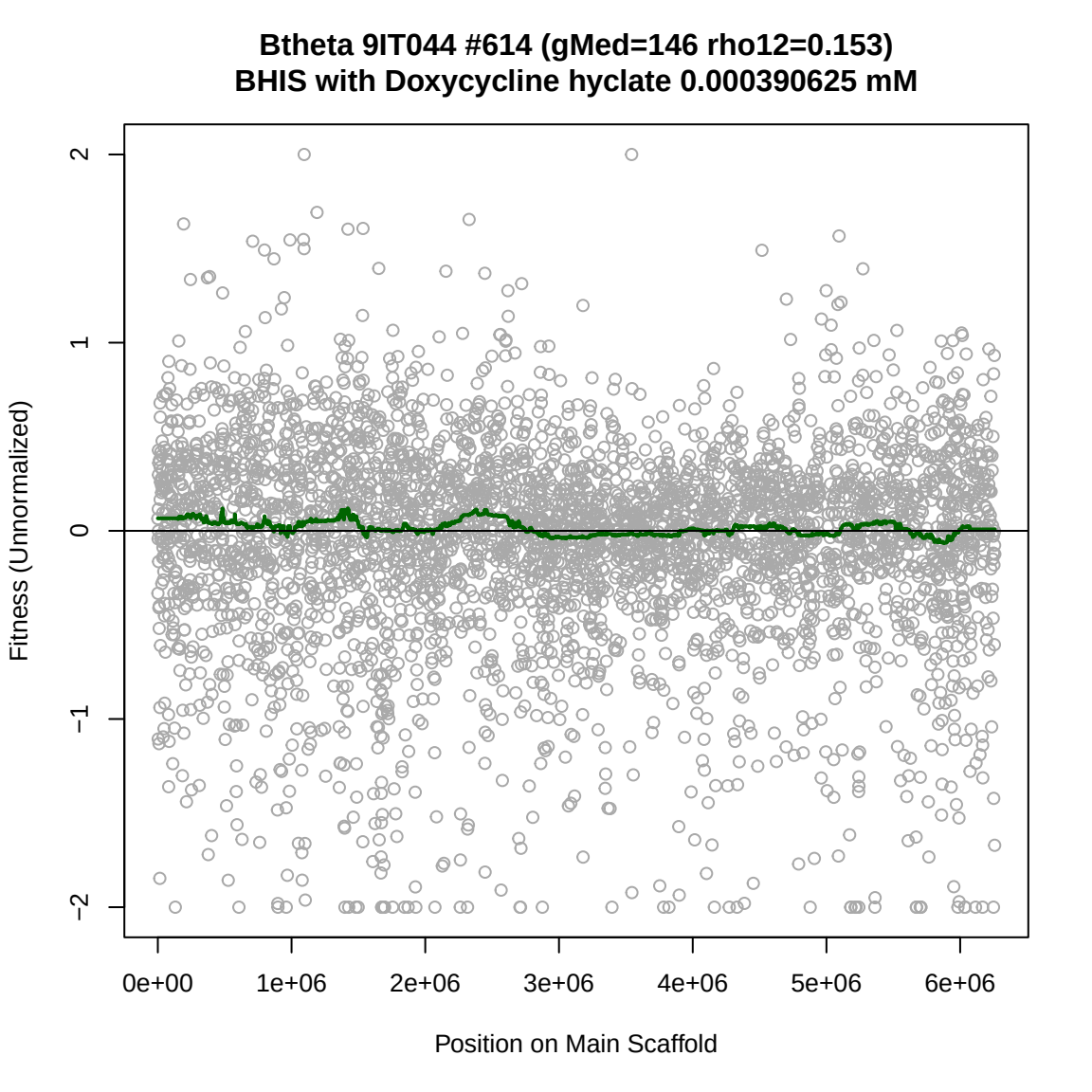

Btheta 9IT039 #609 (gMed=136 rho12=0.161)
BHIS with Chlorpromazine 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

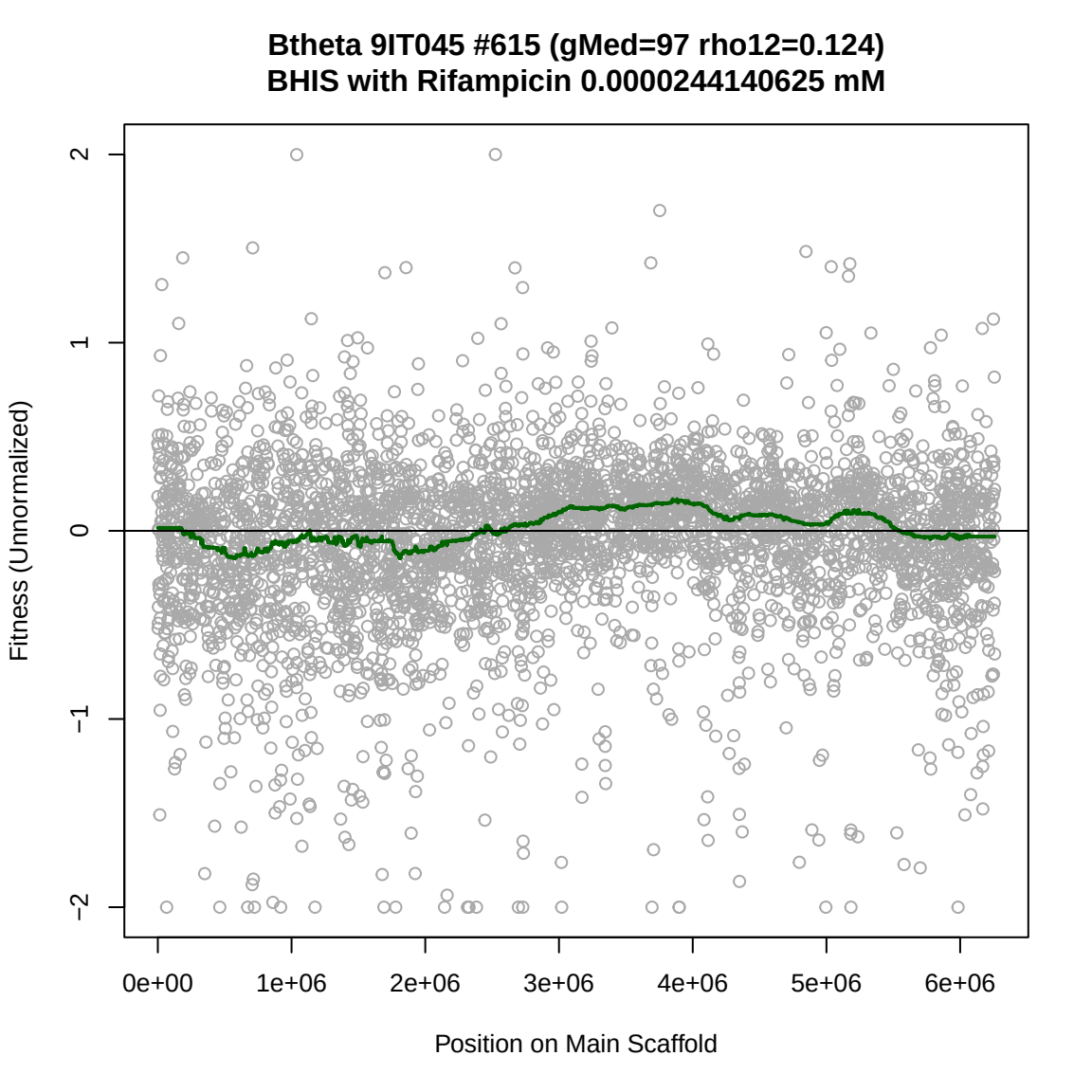

Btheta 9IT040 #610 (gMed=99 rho12=0.107)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

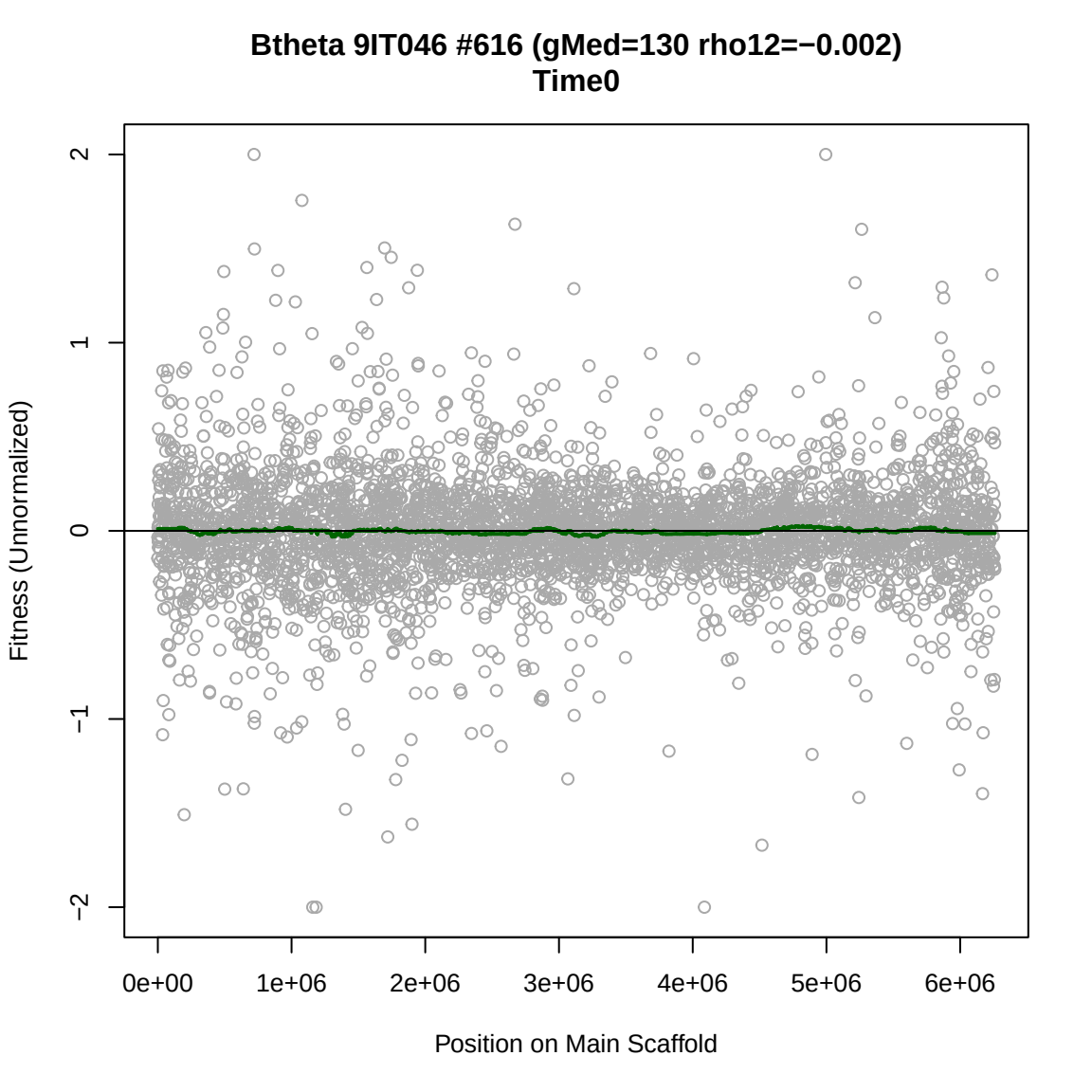

Btheta 9IT041 #611 (gMed=105 rho12=0.075)
BHIS with Levofloxacin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

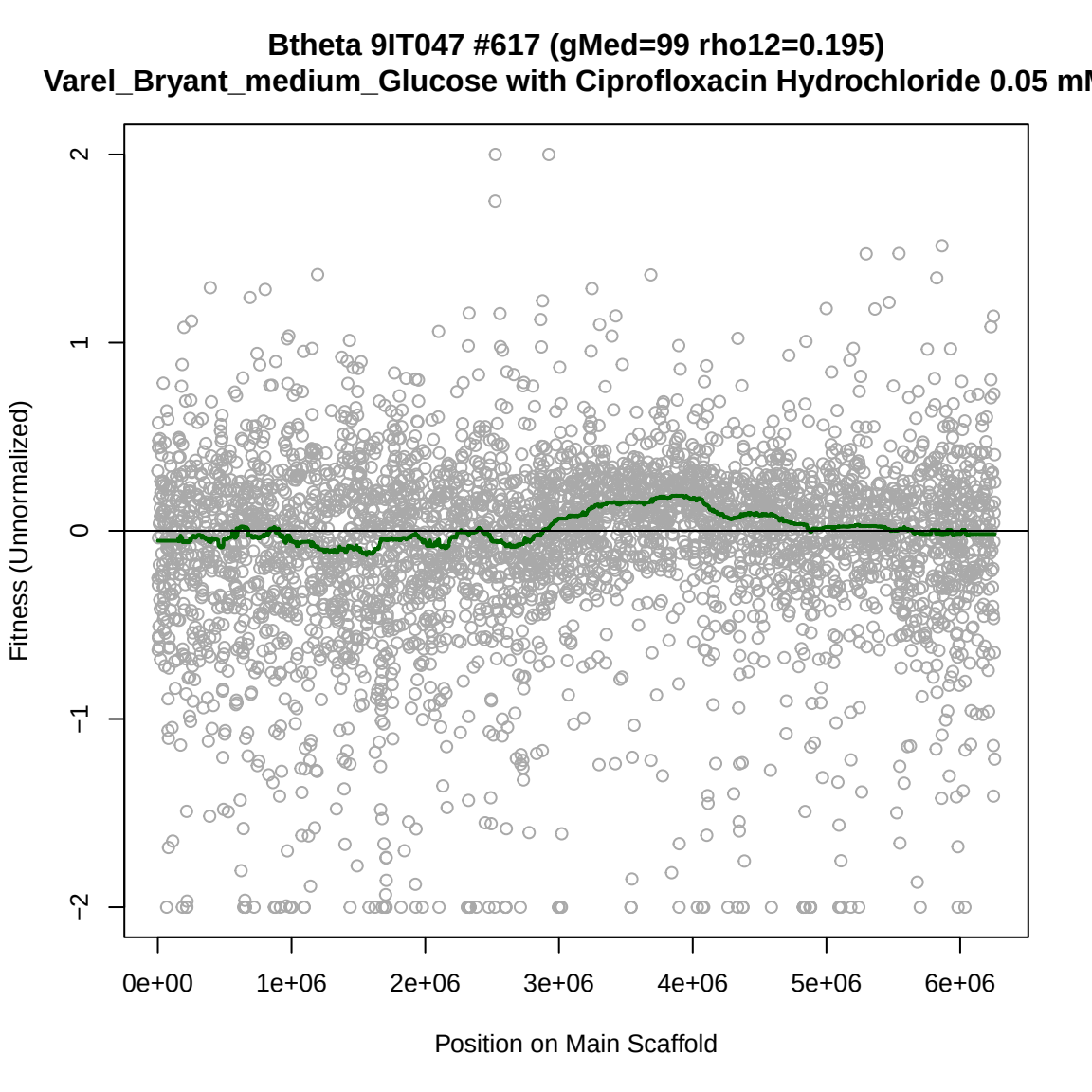

Btheta 9IT042 #612 (gMed=78 rho12=0.158)
BHIS with Sulfamethizole 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

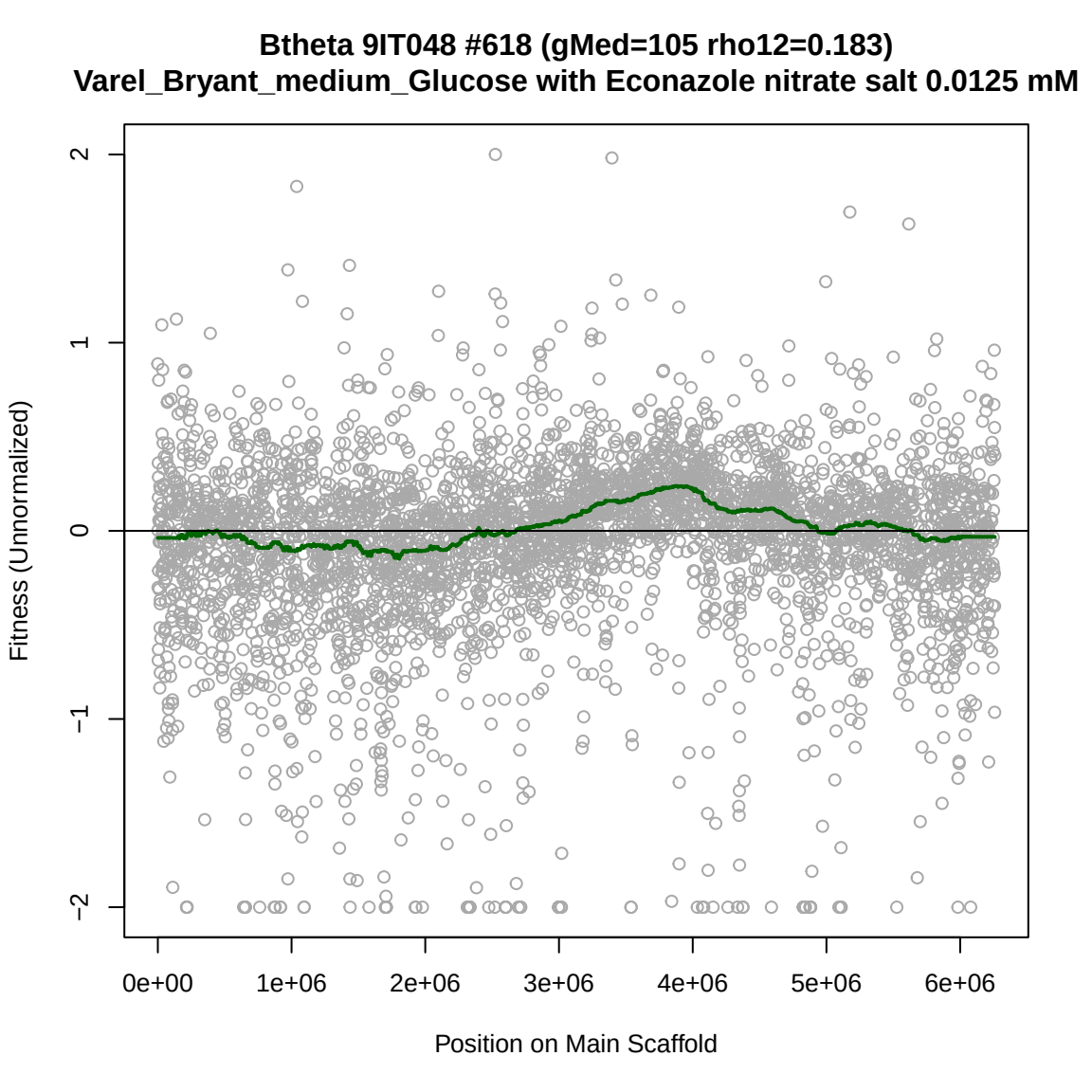

Btheta 9IT043 #613 (gMed=141 rho12=0.147)
BHIS with Trimethoprim 0.00625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

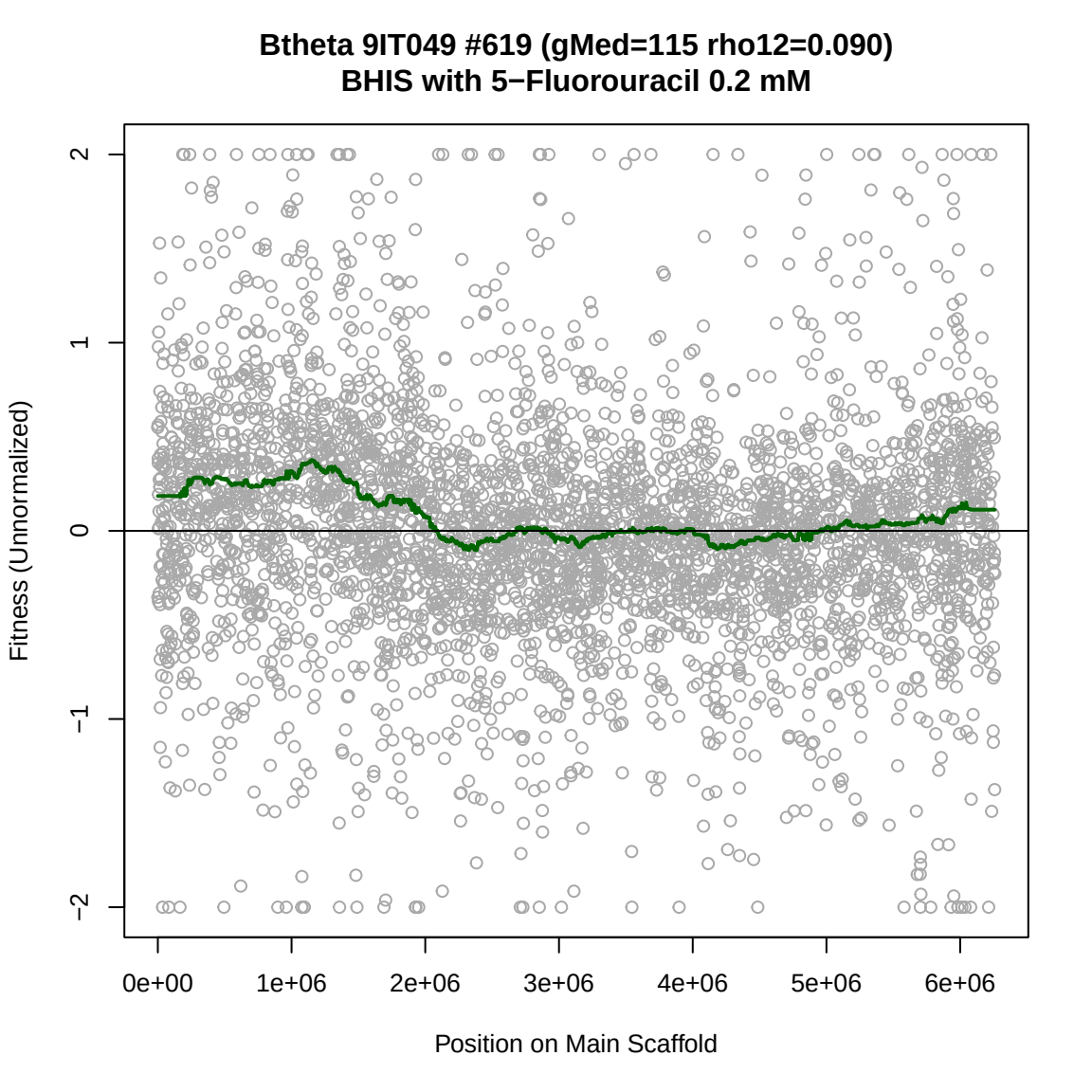

Btheta 9IT044 #614 (gMed=146 rho12=0.153)
BHIS with Doxycycline hyclate 0.000390625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

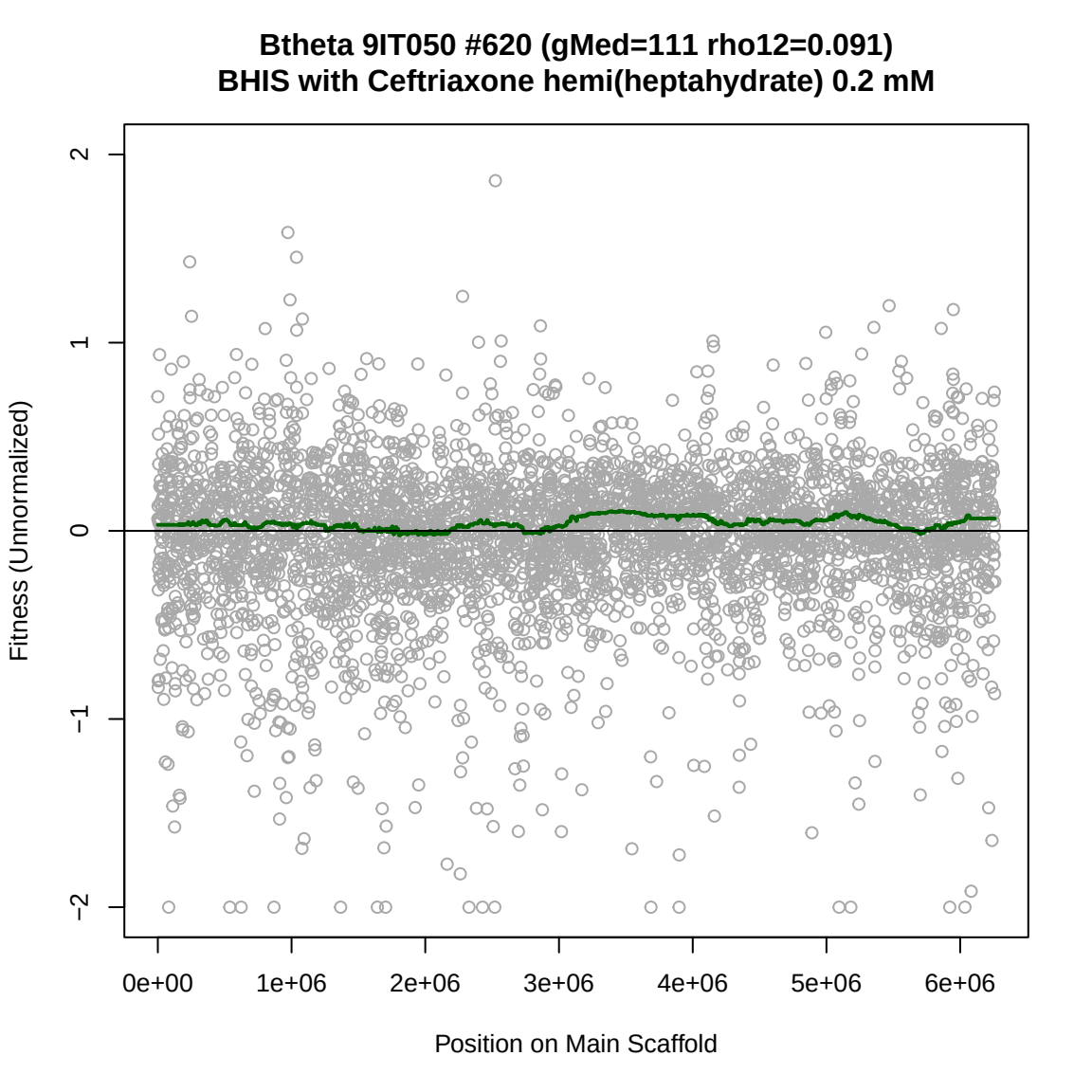

Btheta 9IT045 #615 (gMed=97 rho12=0.124)
BHIS with Rifampicin 0.0000244140625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

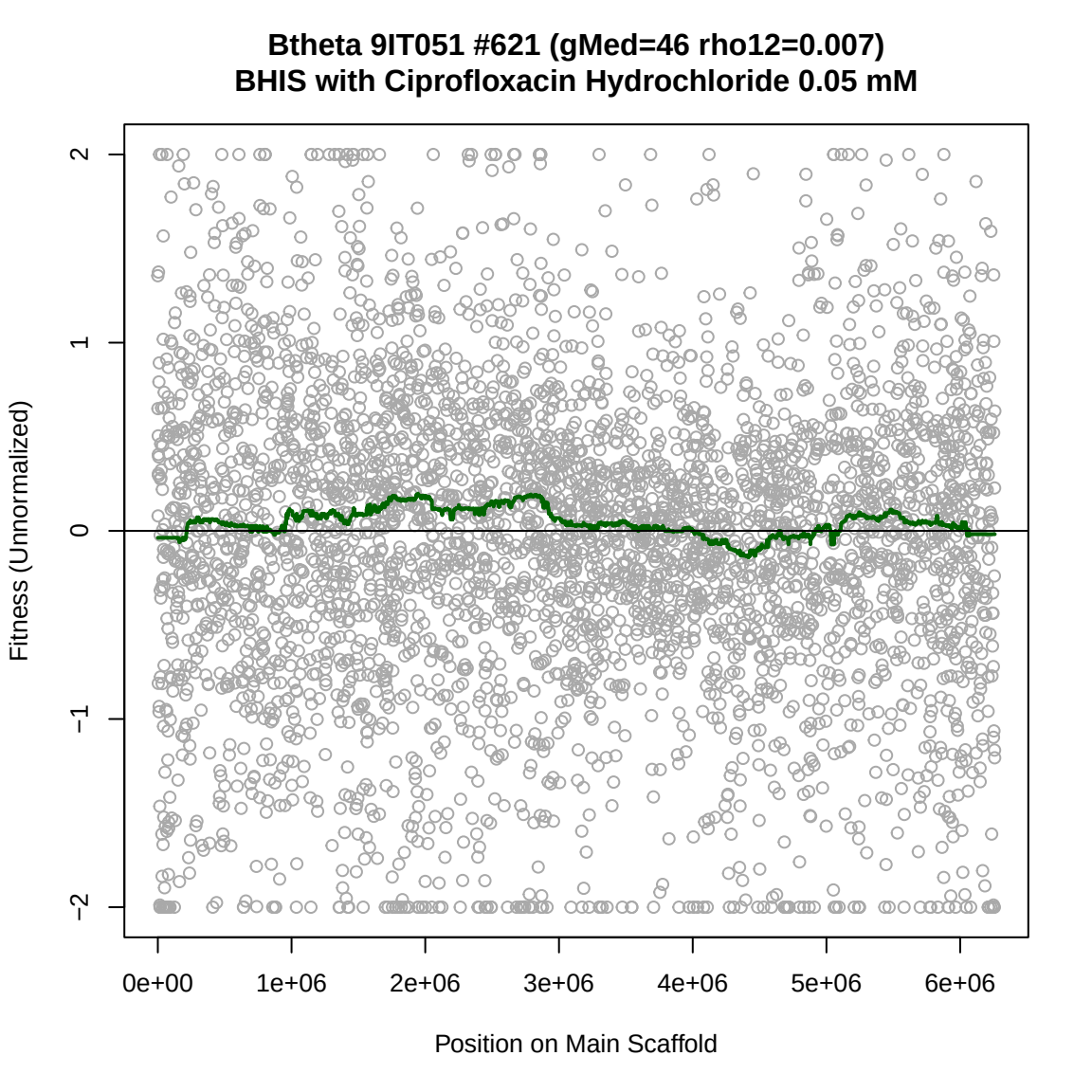

Btheta 9IT046 #616 (gMed=130 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

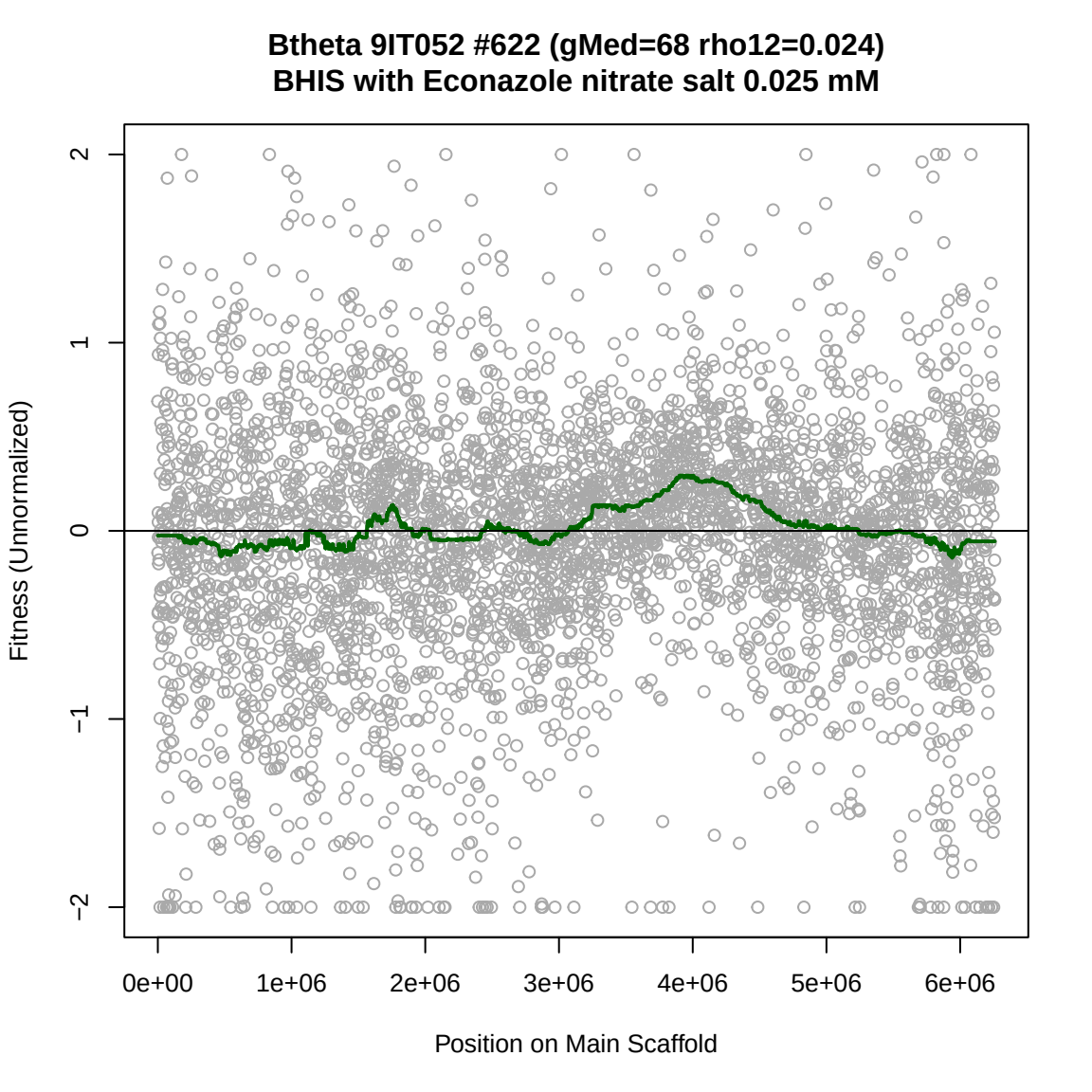

Btheta 9IT047 #617 (gMed=99 rho12=0.195)
Varel_Bryant_medium_Glucose with Ciprofloxacin Hydrochloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

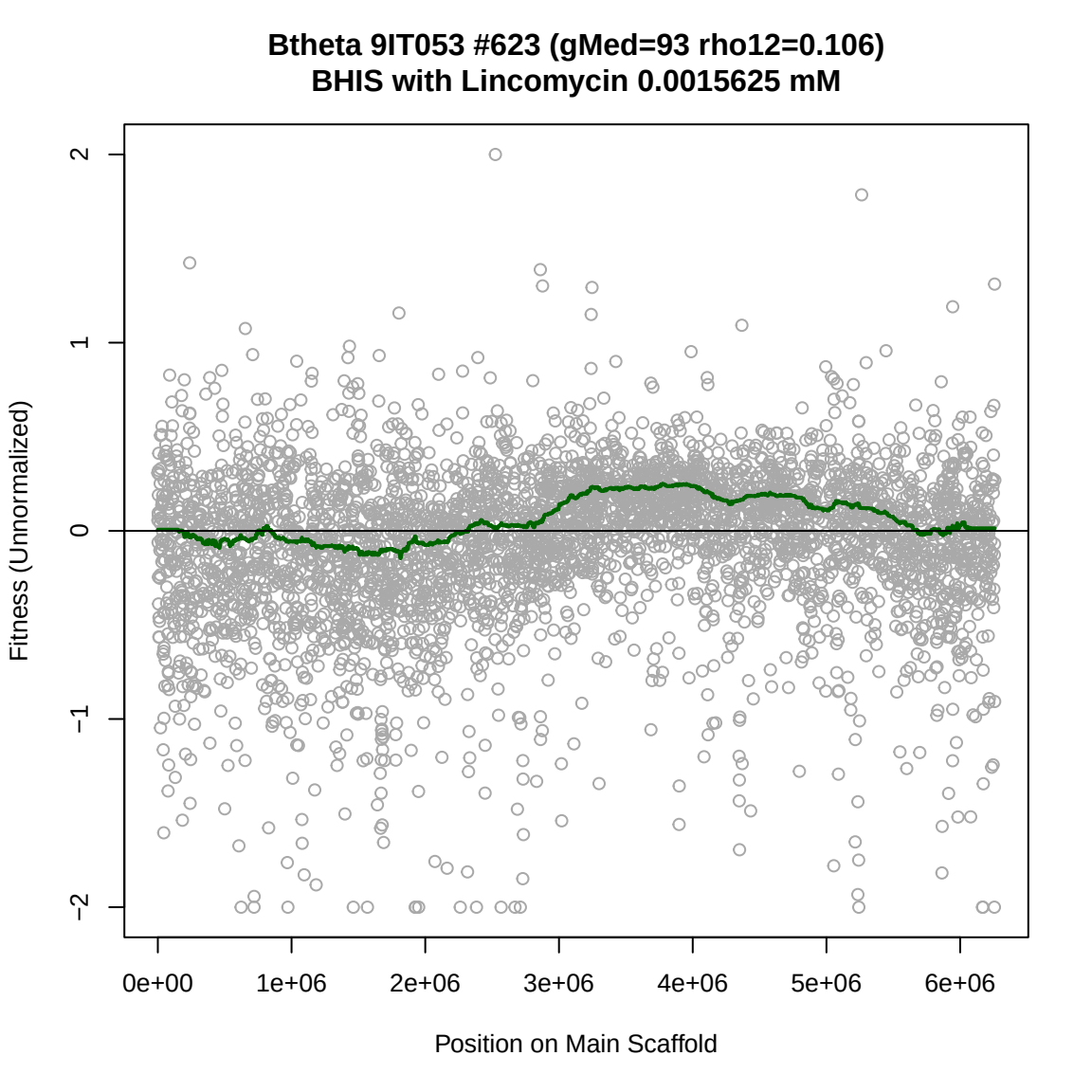

Btheta 9IT048 #618 (gMed=105 rho12=0.183)
Varel_Bryant_medium_Glucose with Econazole nitrate salt 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

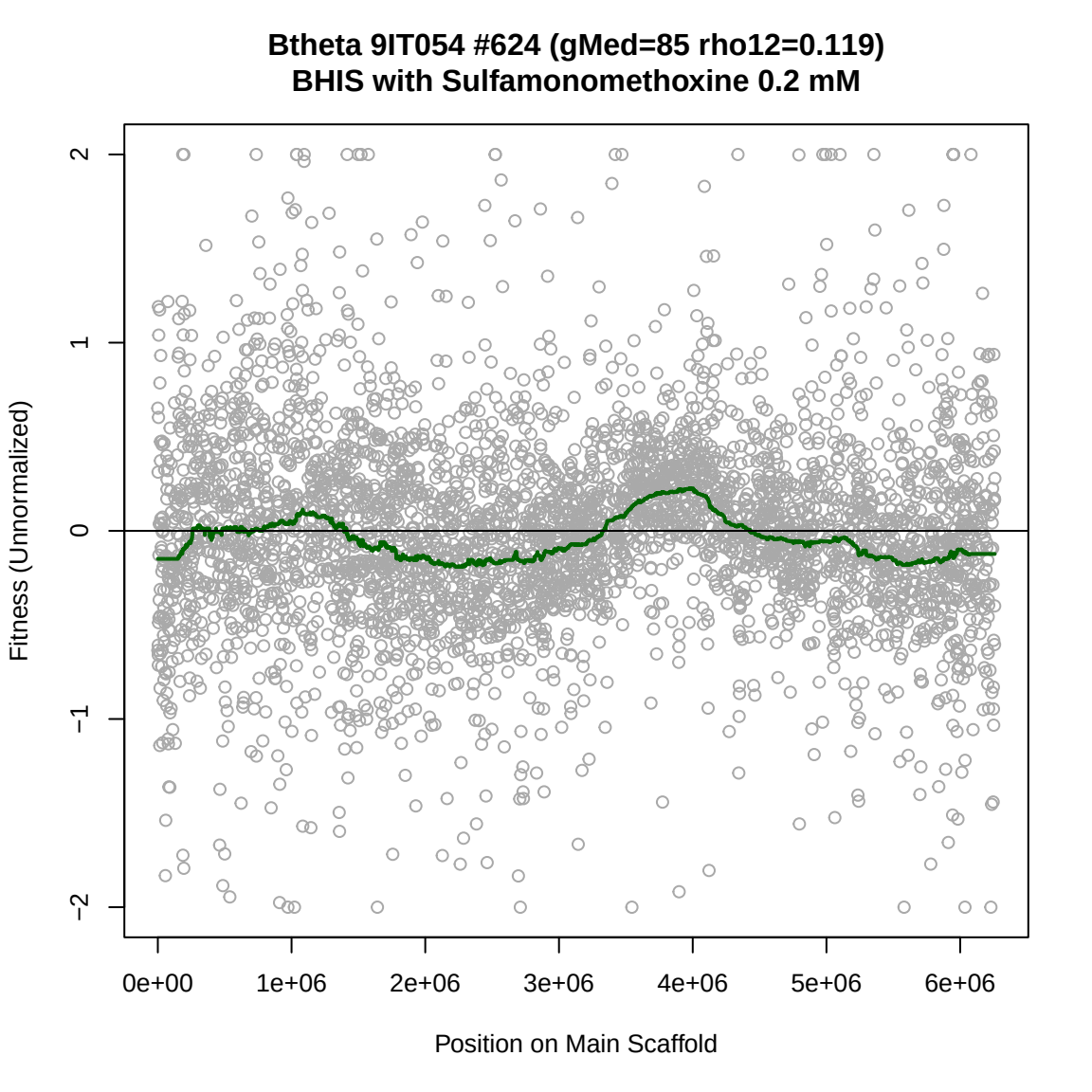

Btheta 9IT049 #619 (gMed=115 rho12=0.090)
BHIS with 5−Fluorouracil 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

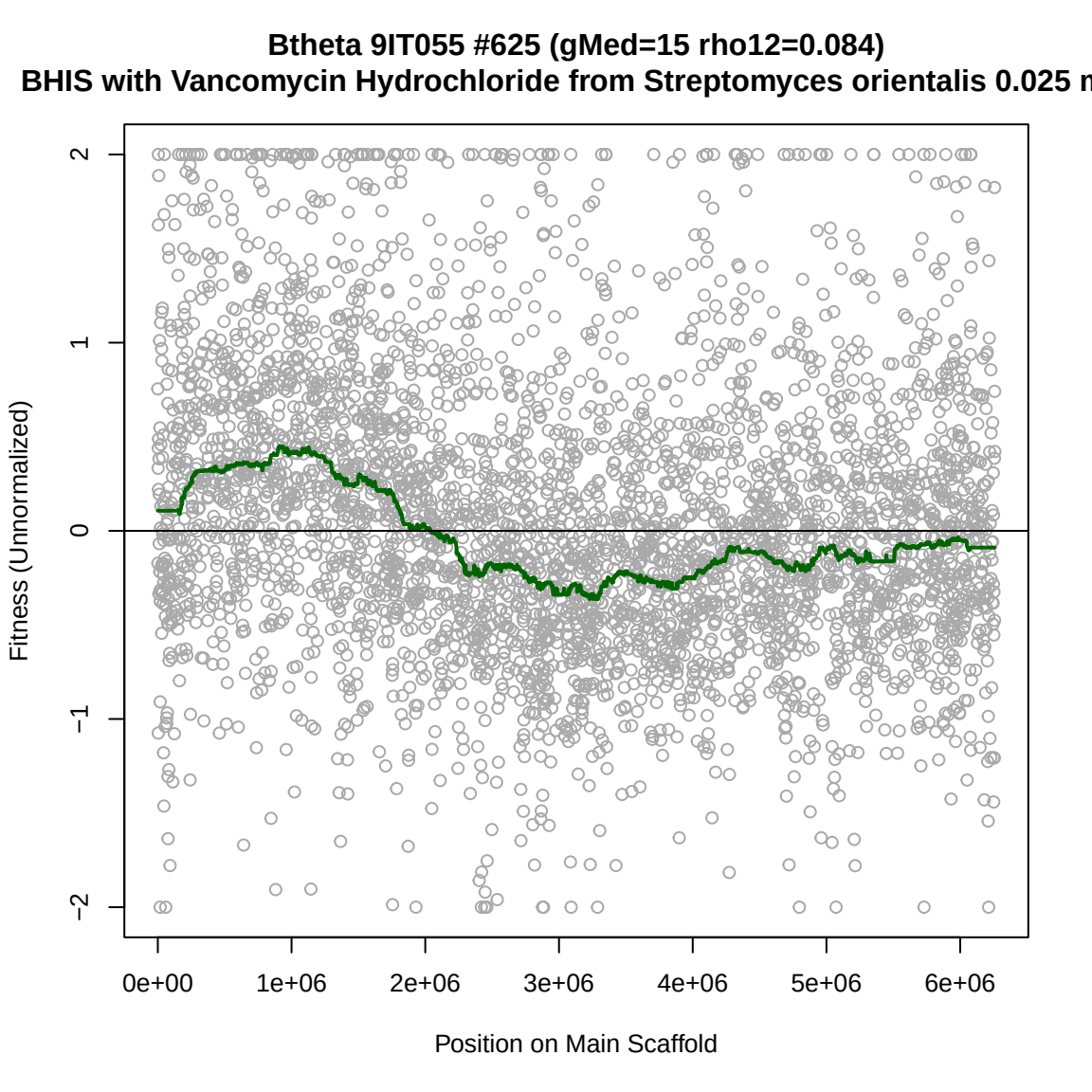

Btheta 9IT050 #620 (gMed=111 rho12=0.091)
BHIS with Ceftriaxone hemi(heptahydrate) 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

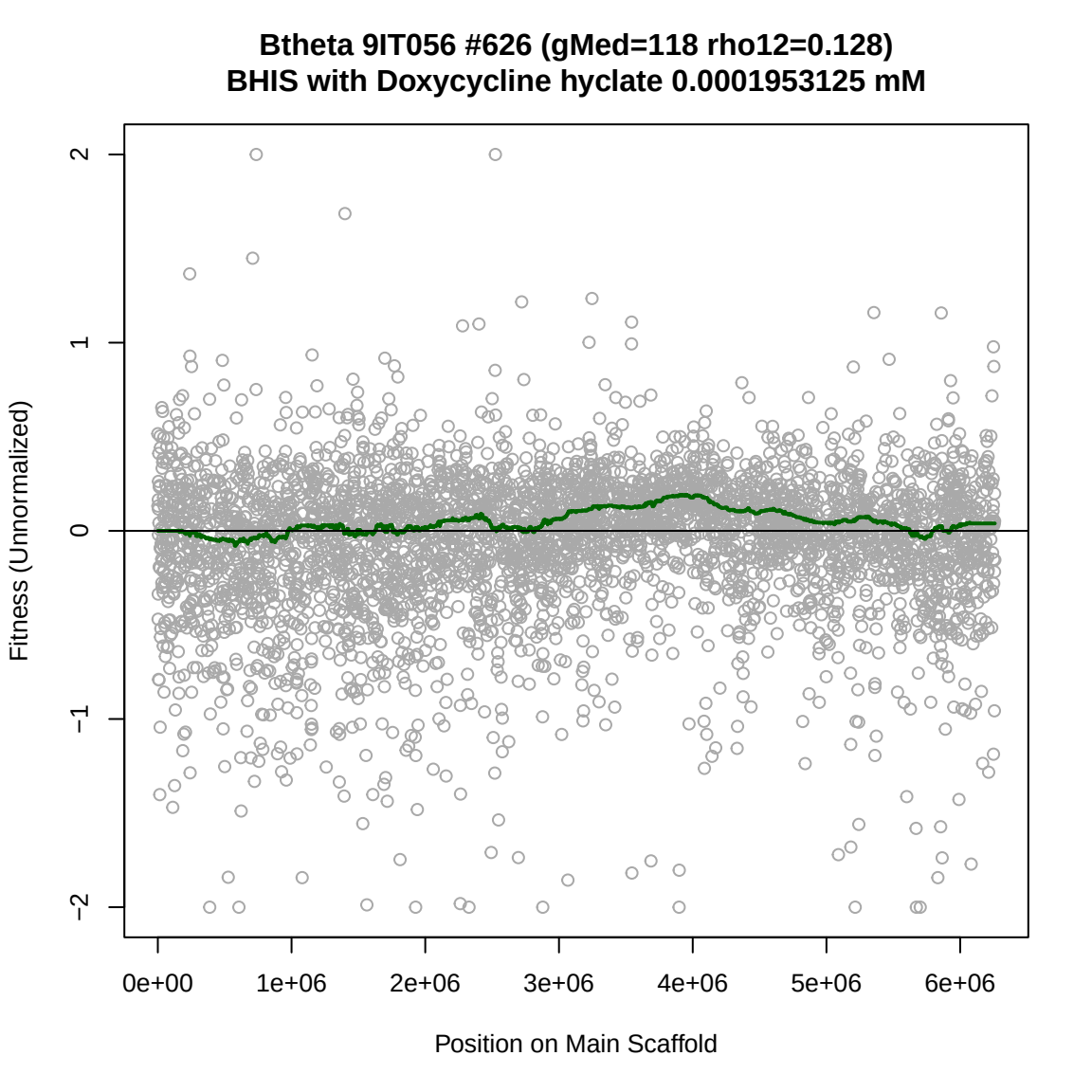

Btheta 9IT051 #621 (gMed=46 rho12=0.007)
BHIS with Ciprofloxacin Hydrochloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

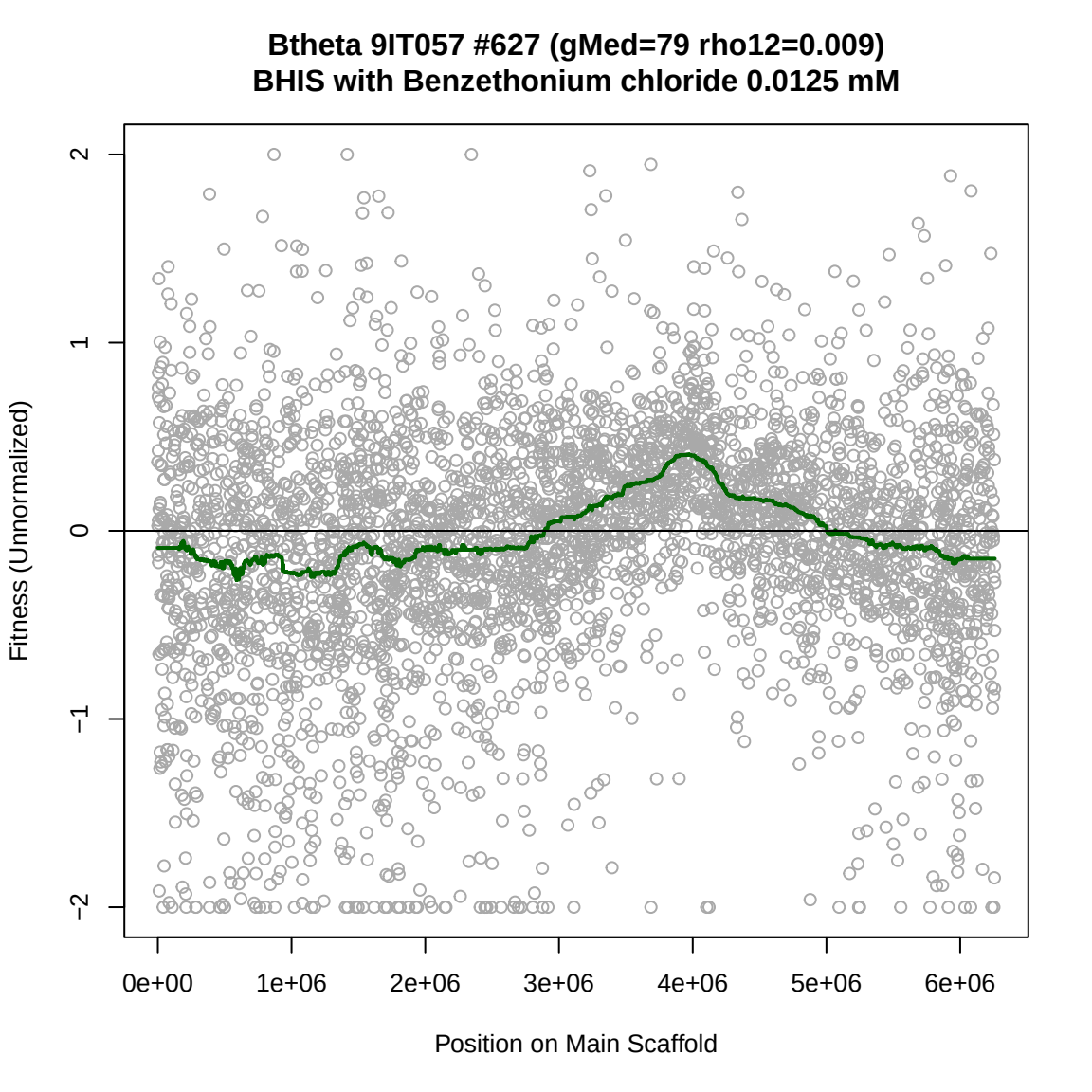

Btheta 9IT052 #622 (gMed=68 rho12=0.024)
BHIS with Econazole nitrate salt 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

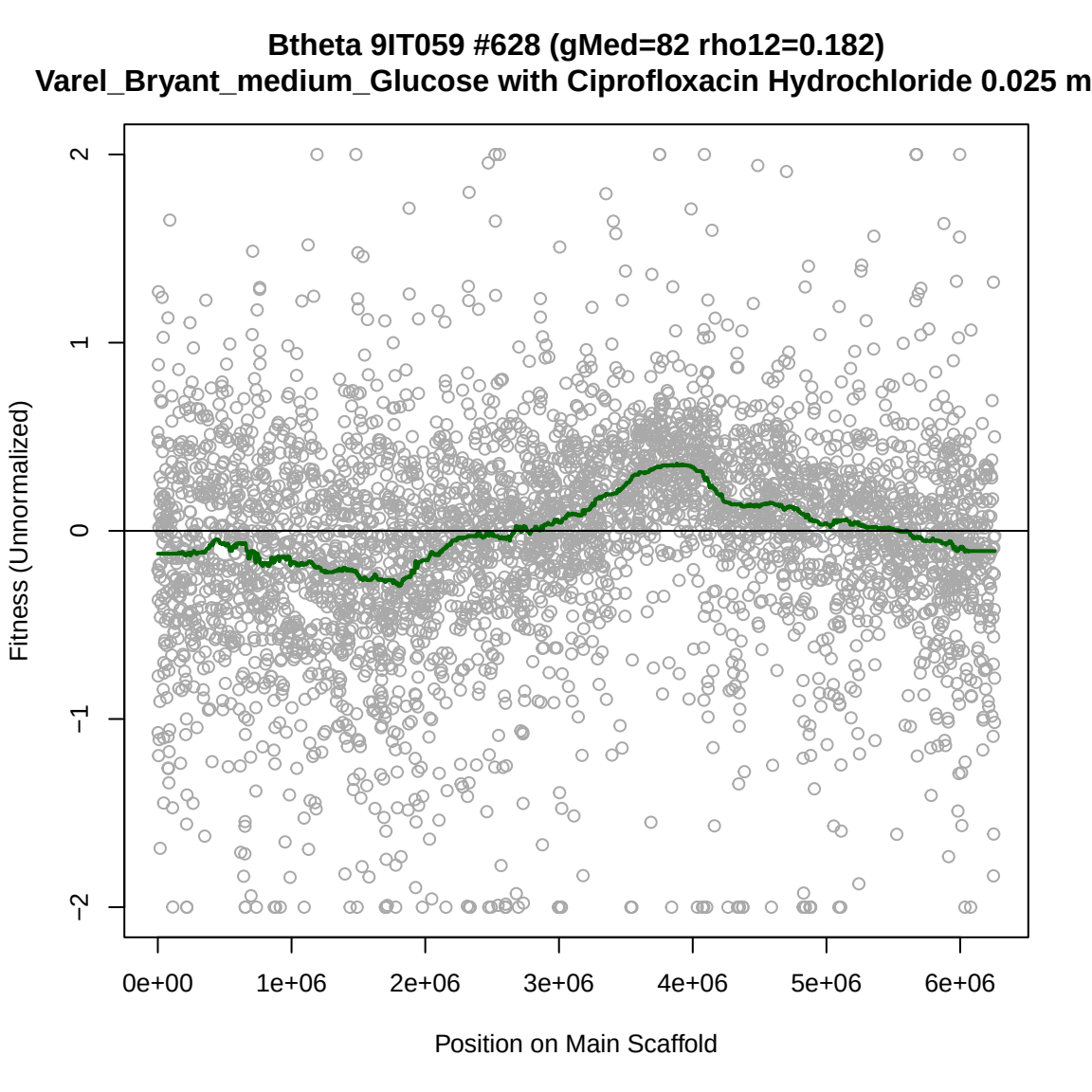

Btheta 9IT053 #623 (gMed=93 rho12=0.106)
BHIS with Lincomycin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

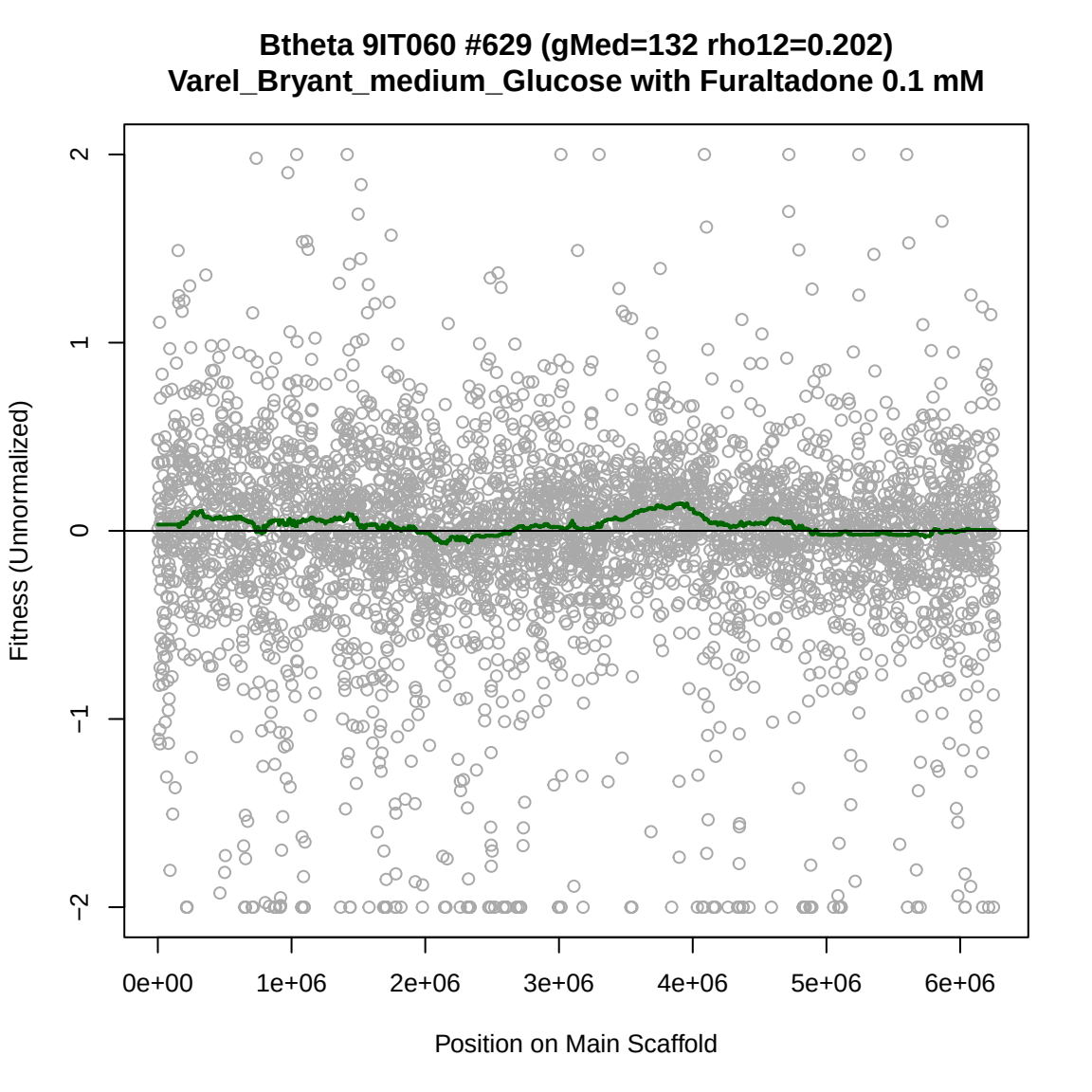

Btheta 9IT054 #624 (gMed=85 rho12=0.119)
BHIS with Sulfamonomethoxine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

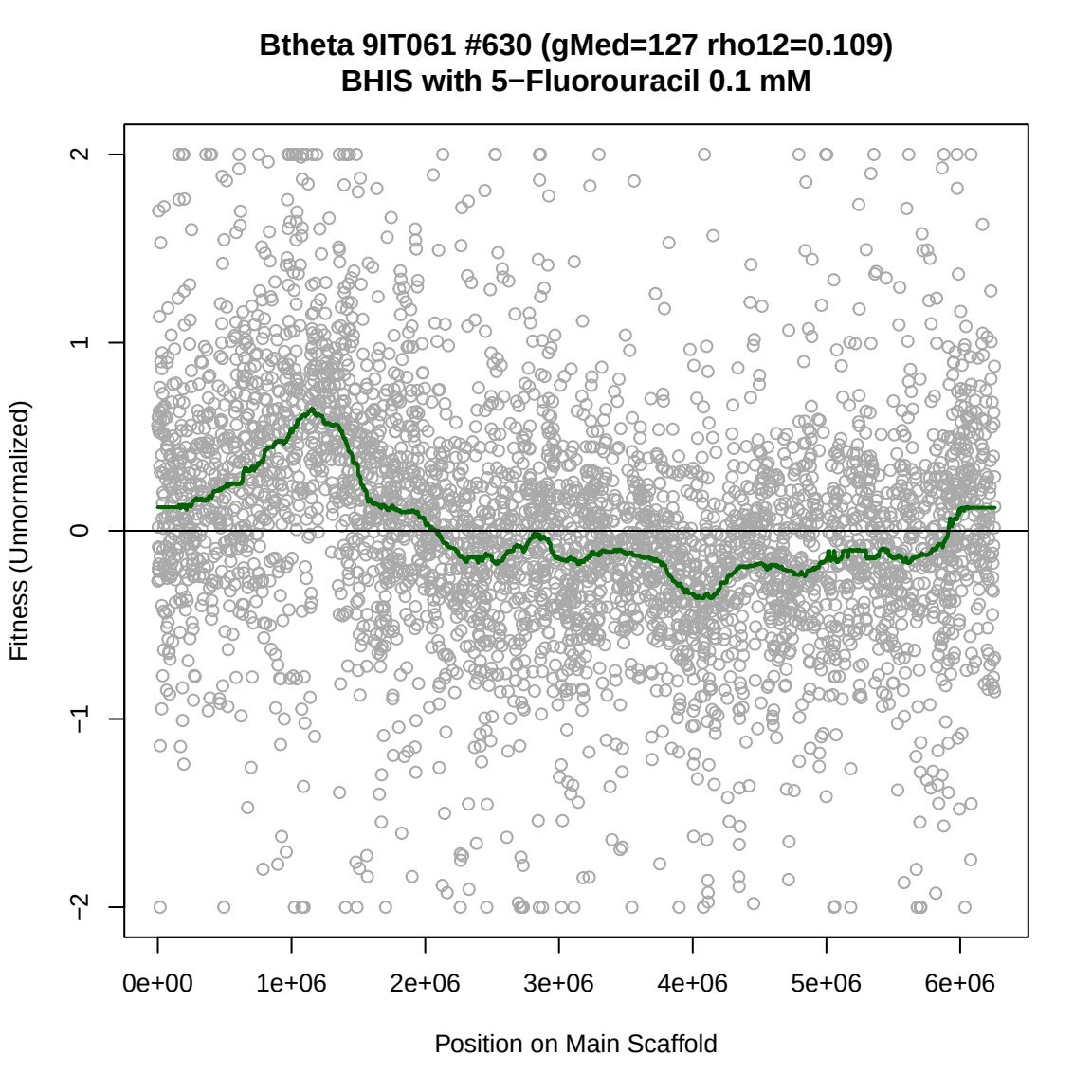

Btheta 9IT055 #625 (gMed=15 rho12=0.084)
BHIS with Vancomycin Hydrochloride from Streptomyces orientalis 0.025 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

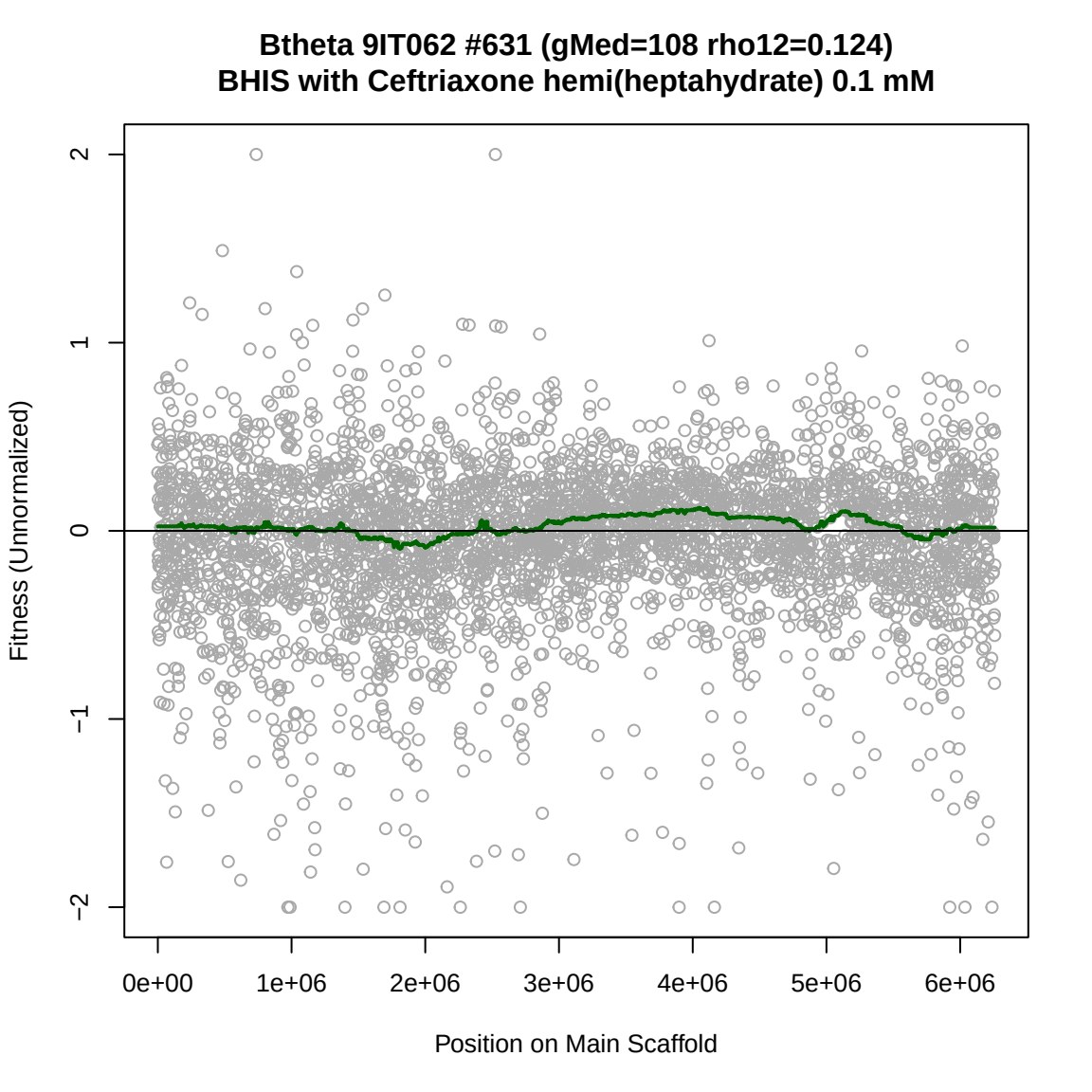

Btheta 9IT056 #626 (gMed=118 rho12=0.128)
BHIS with Doxycycline hyclate 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

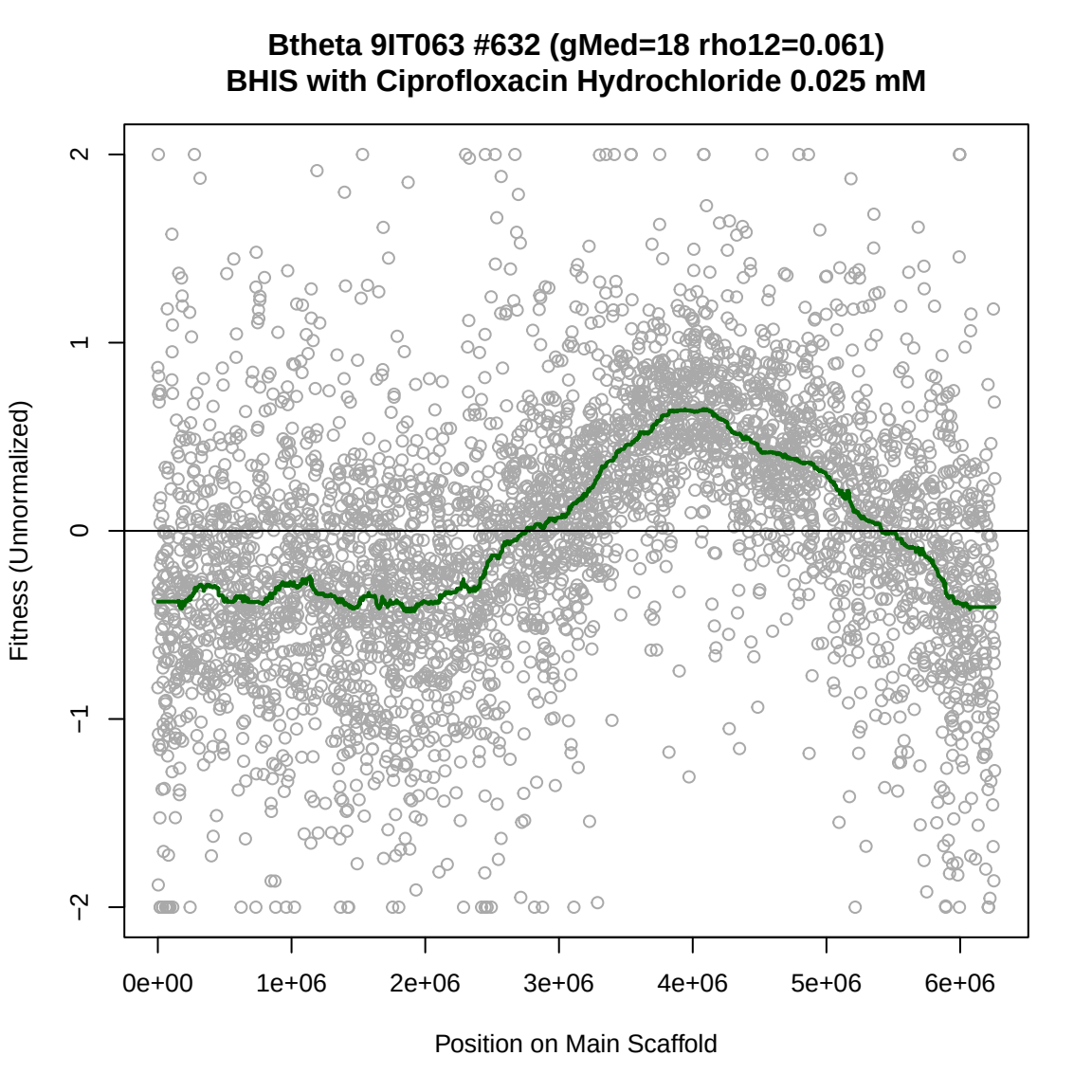

Btheta 9IT057 #627 (gMed=79 rho12=0.009)
BHIS with Benzethonium chloride 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

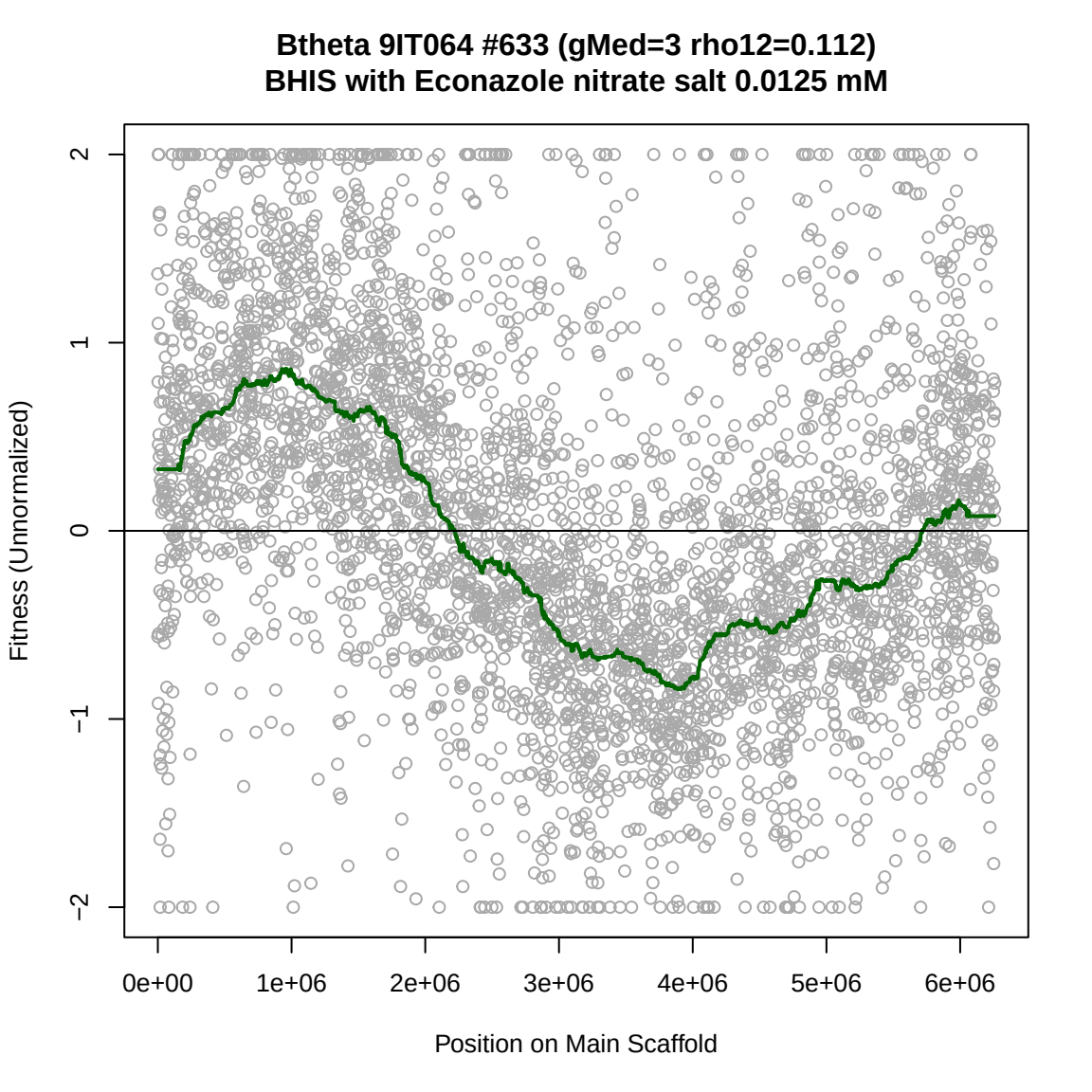

Btheta 9IT059 #628 (gMed=82 rho12=0.182)
Varel_Bryant_medium_Glucose with Ciprofloxacin Hydrochloride 0.025 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

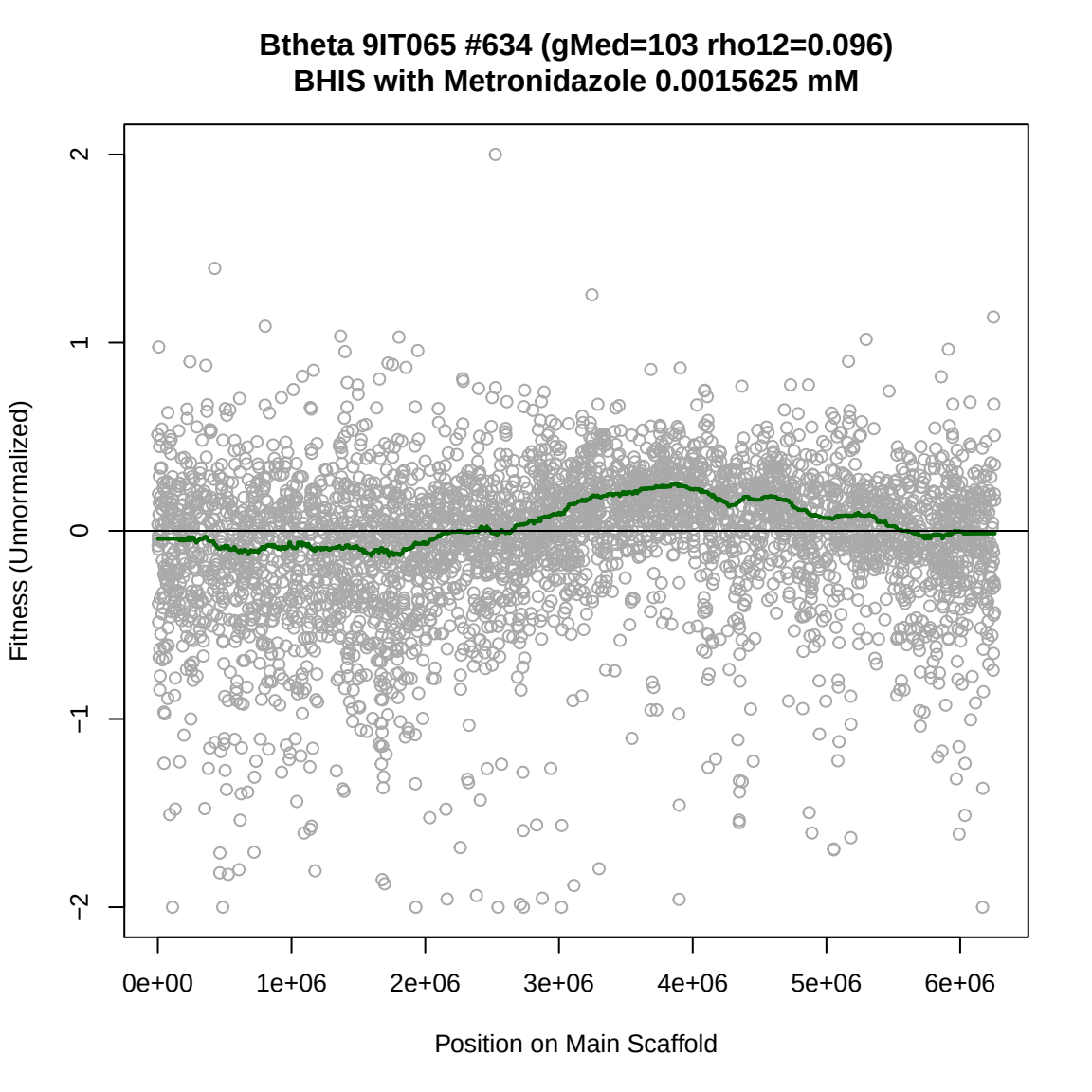

Btheta 9IT060 #629 (gMed=132 rho12=0.202)
Varel_Bryant_medium_Glucose with Furaltadone 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

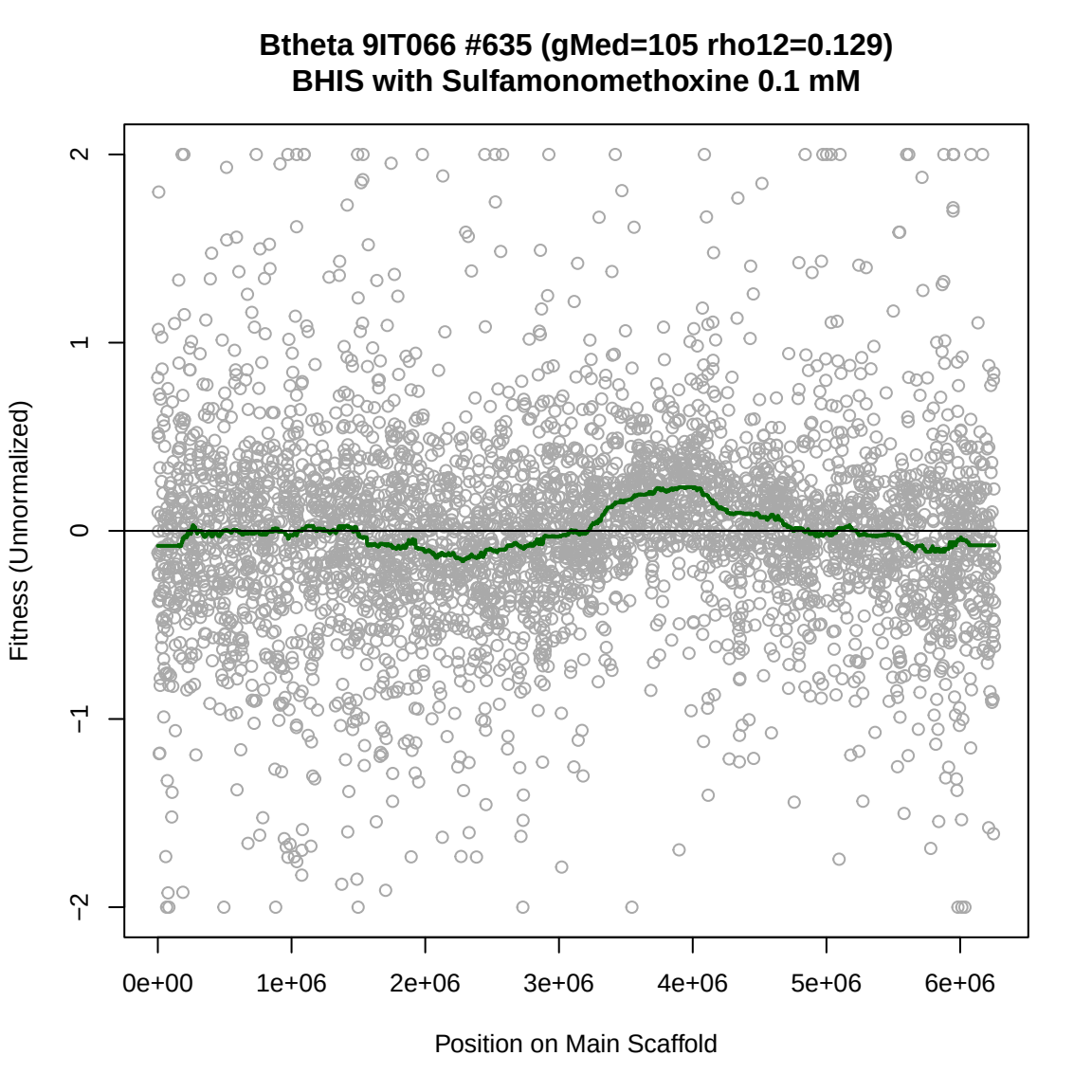

Btheta 9IT061 #630 (gMed=127 rho12=0.109)
BHIS with 5−Fluorouracil 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

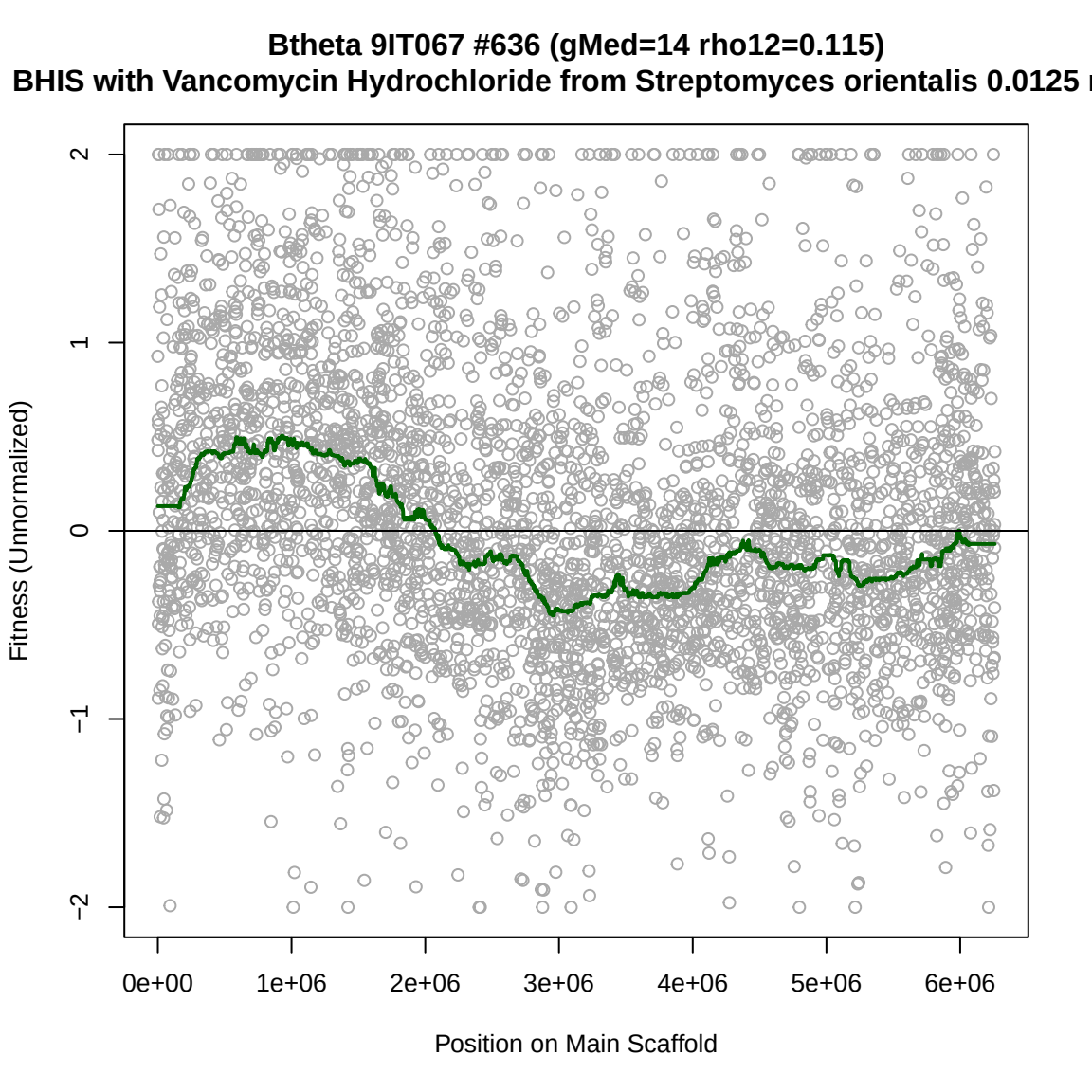

Btheta 9IT062 #631 (gMed=108 rho12=0.124)
BHIS with Ceftriaxone hemi(heptahydrate) 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

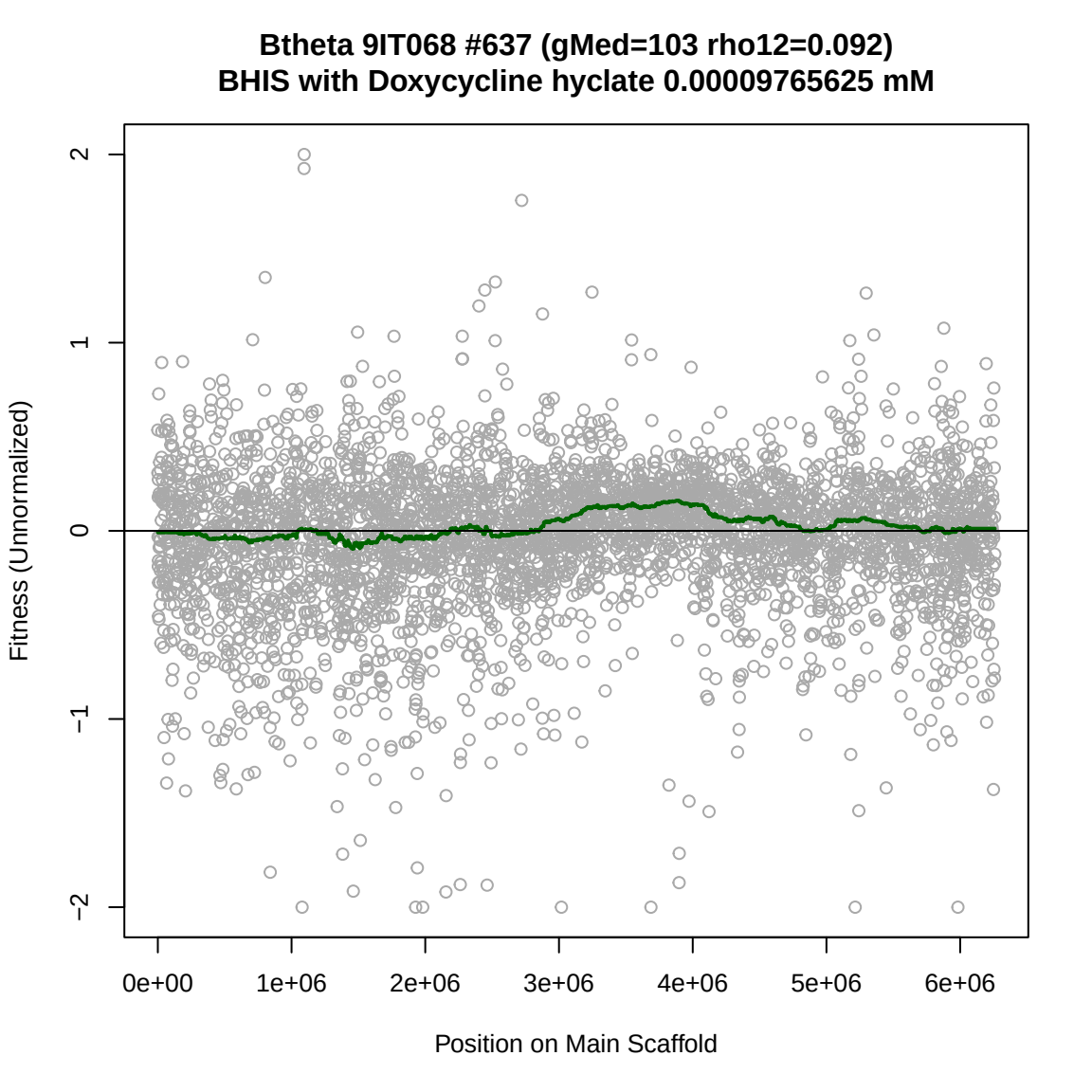

Btheta 9IT063 #632 (gMed=18 rho12=0.061)
BHIS with Ciprofloxacin Hydrochloride 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

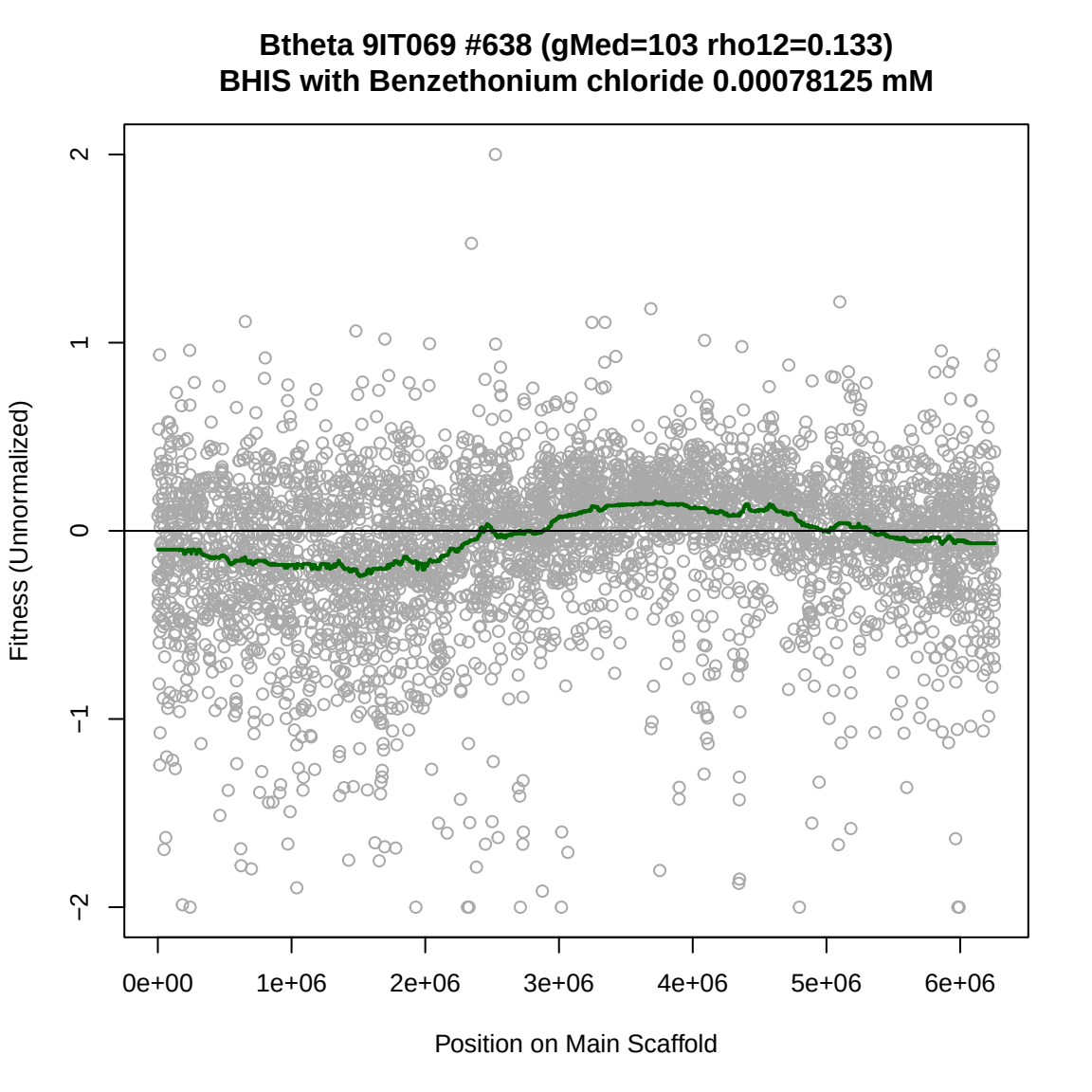

Btheta 9IT064 #633 (gMed=3 rho12=0.112)
BHIS with Econazole nitrate salt 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

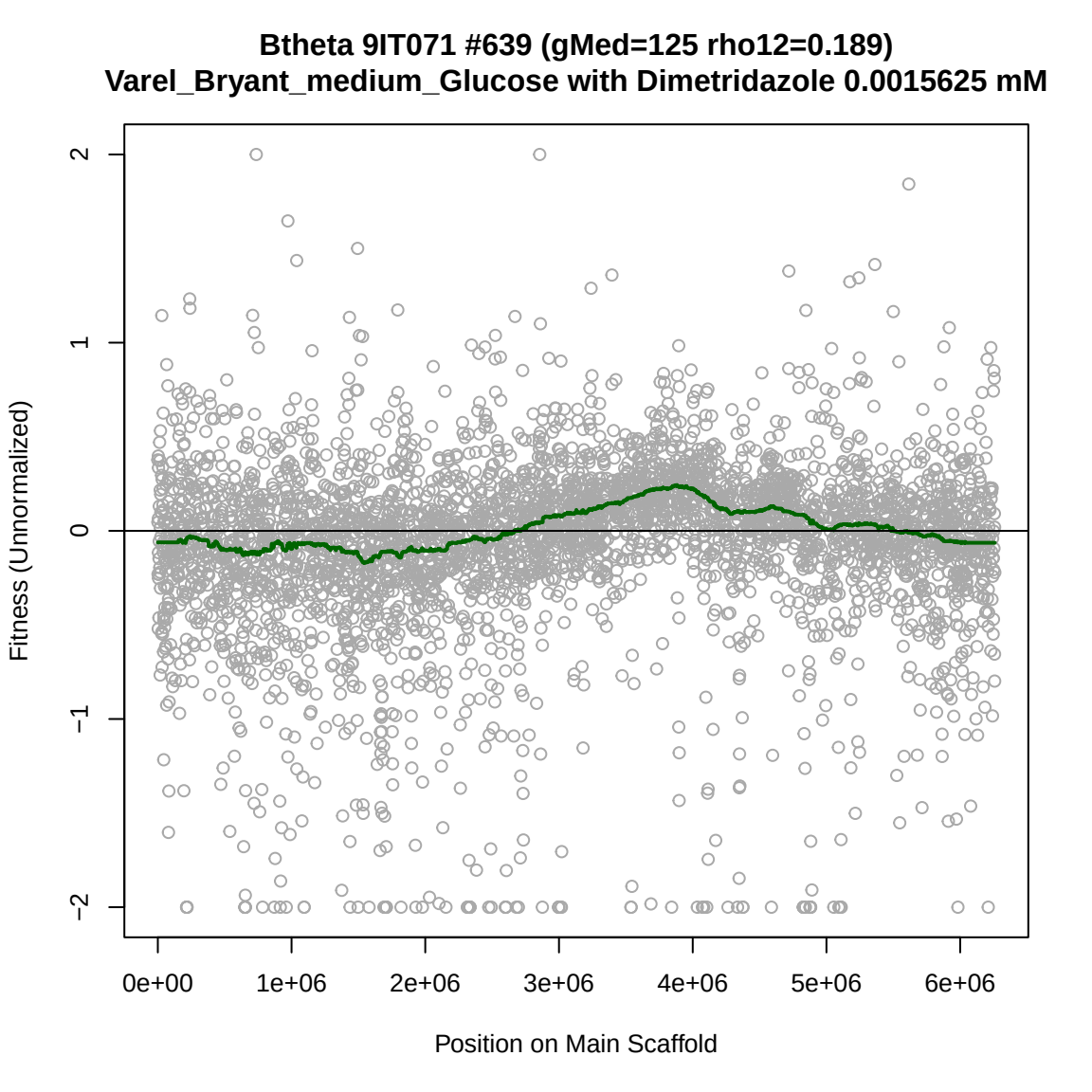

Btheta 9IT065 #634 (gMed=103 rho12=0.096)
BHIS with Metronidazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

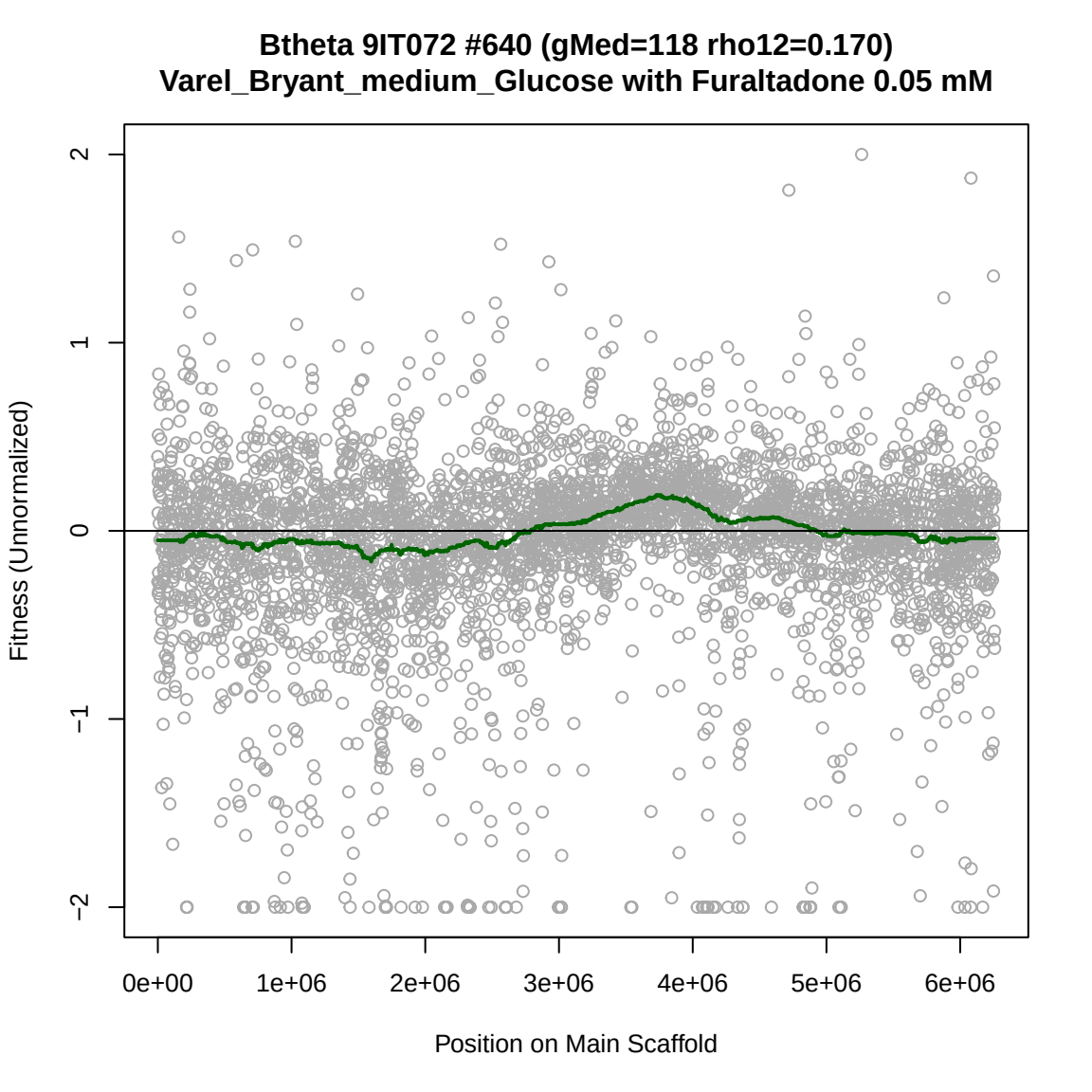

Btheta 9IT066 #635 (gMed=105 rho12=0.129)
BHIS with Sulfamonomethoxine 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

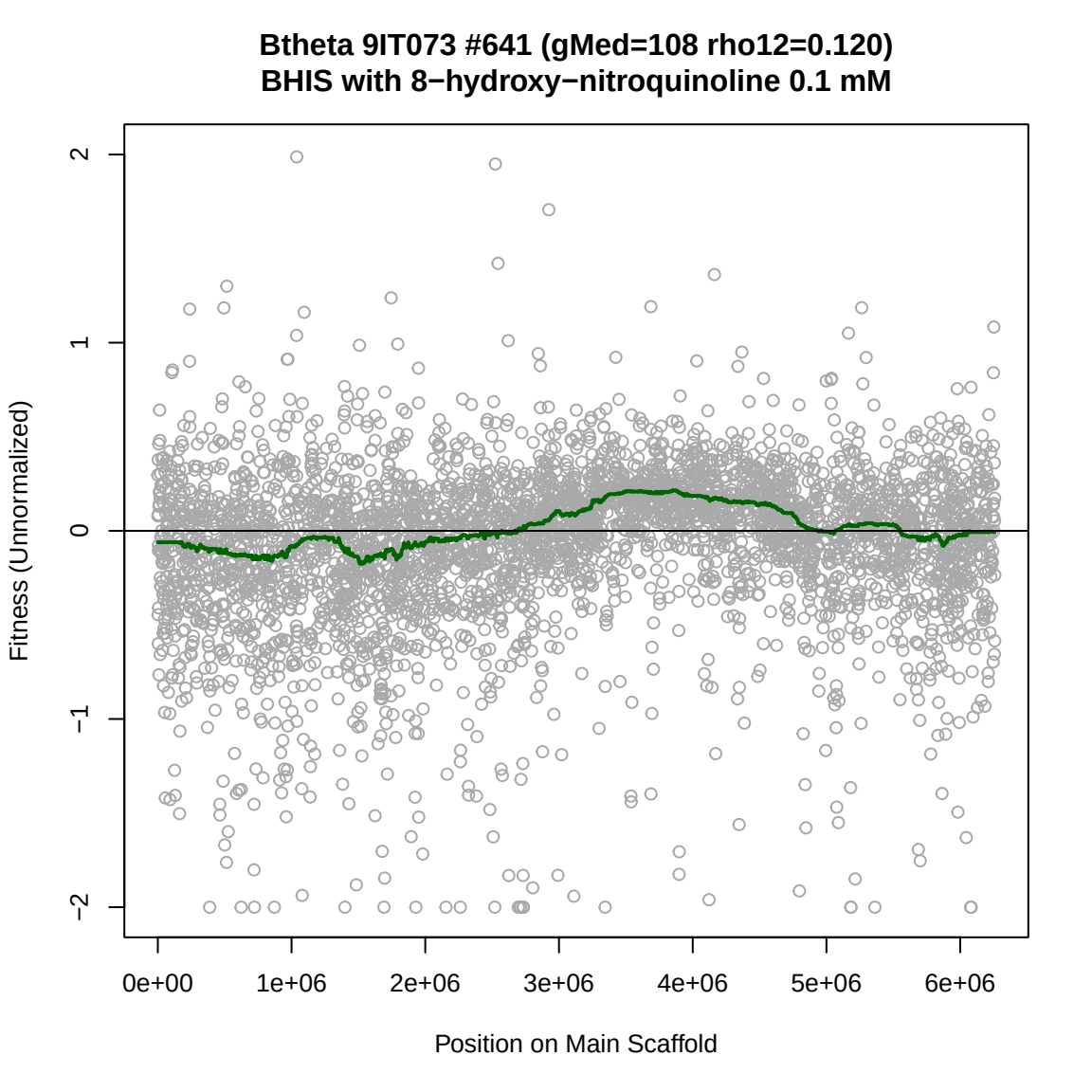

Btheta 9IT067 #636 (gMed=14 rho12=0.115)
BHIS with Vancomycin Hydrochloride from Streptomyces orientalis 0.0125
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

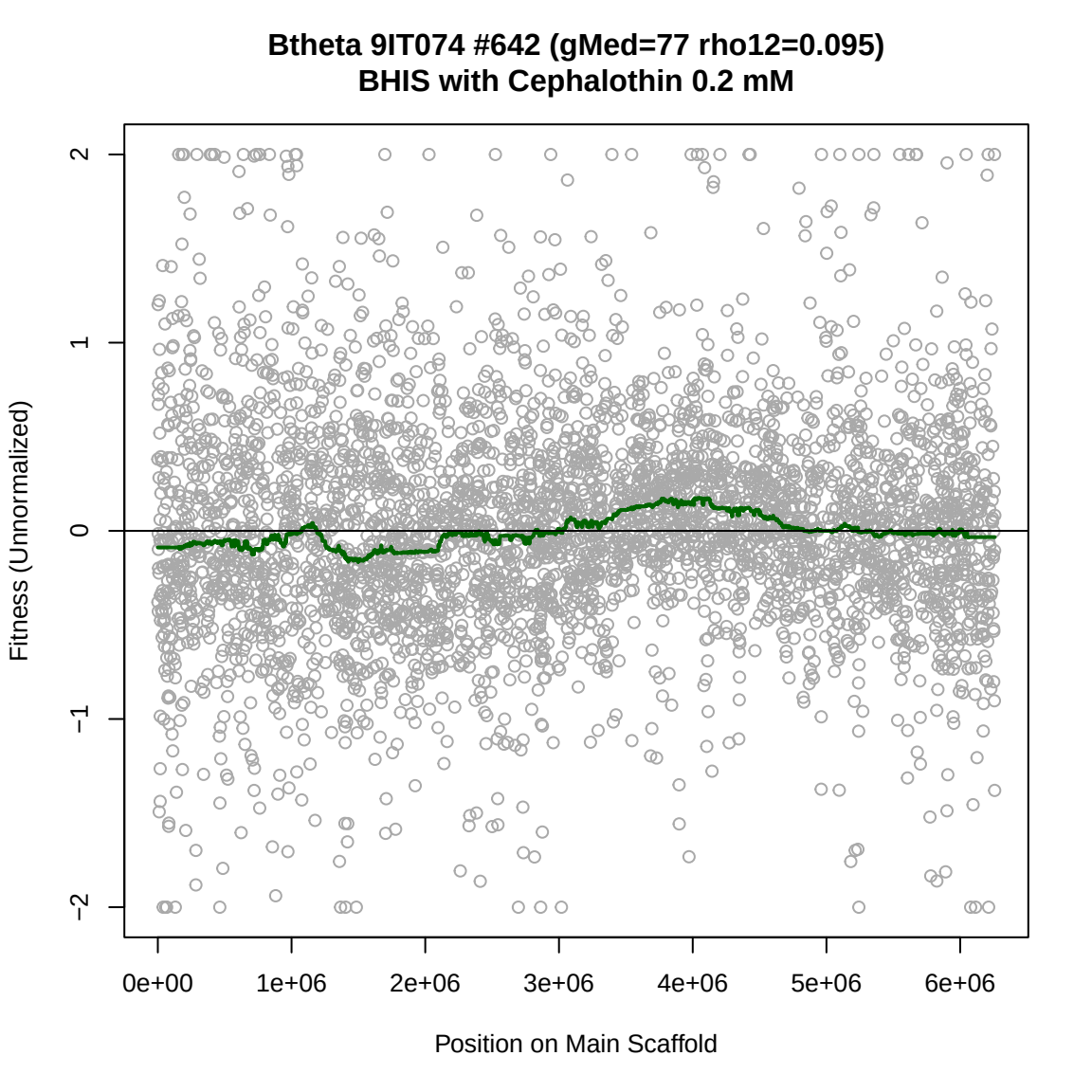

Btheta 9IT068 #637 (gMed=103 rho12=0.092)
BHIS with Doxycycline hyclate 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

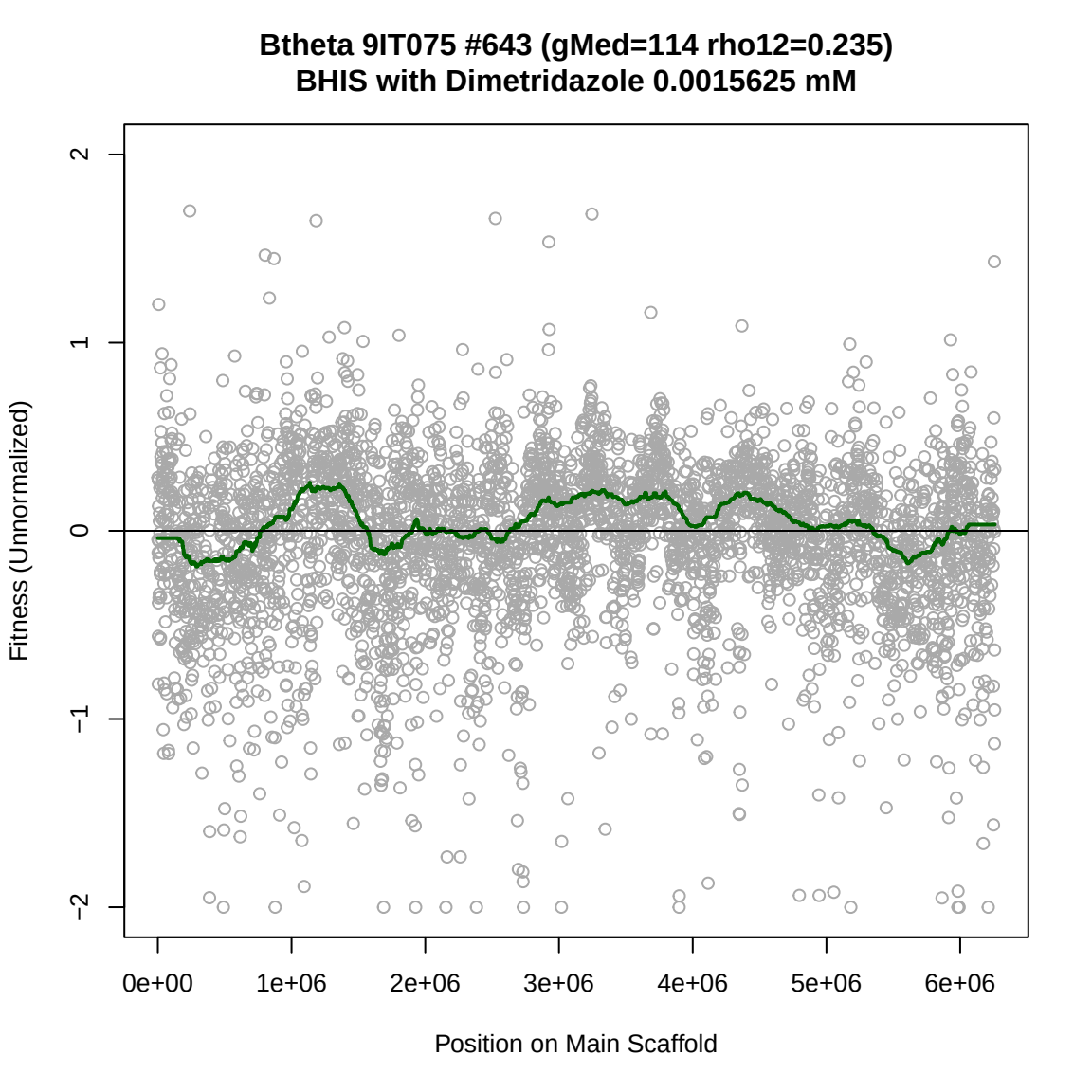

Btheta 9IT069 #638 (gMed=103 rho12=0.133)
BHIS with Benzethonium chloride 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

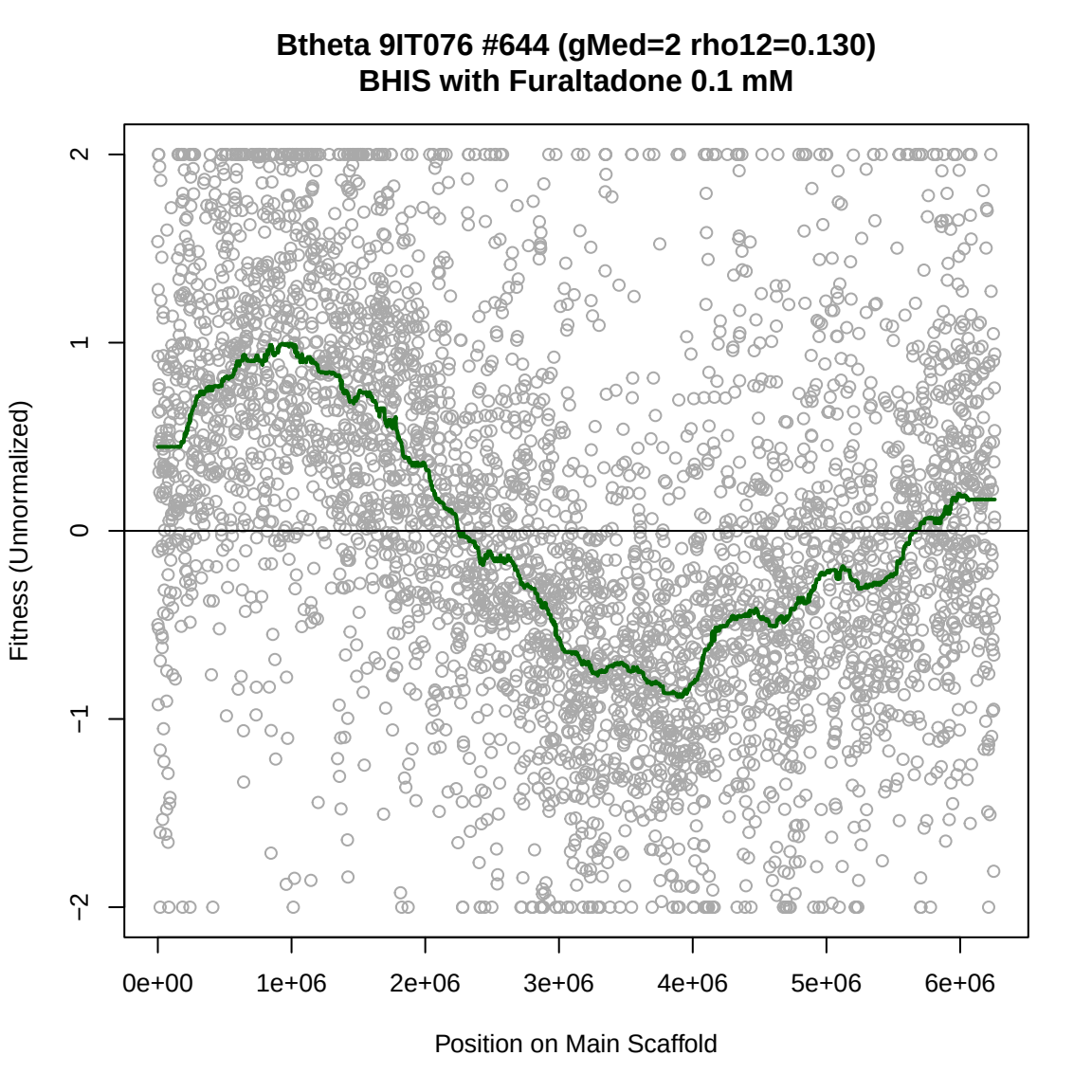

Btheta 9IT071 #639 (gMed=125 rho12=0.189)
Varel_Bryant_medium_Glucose with Dimetridazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

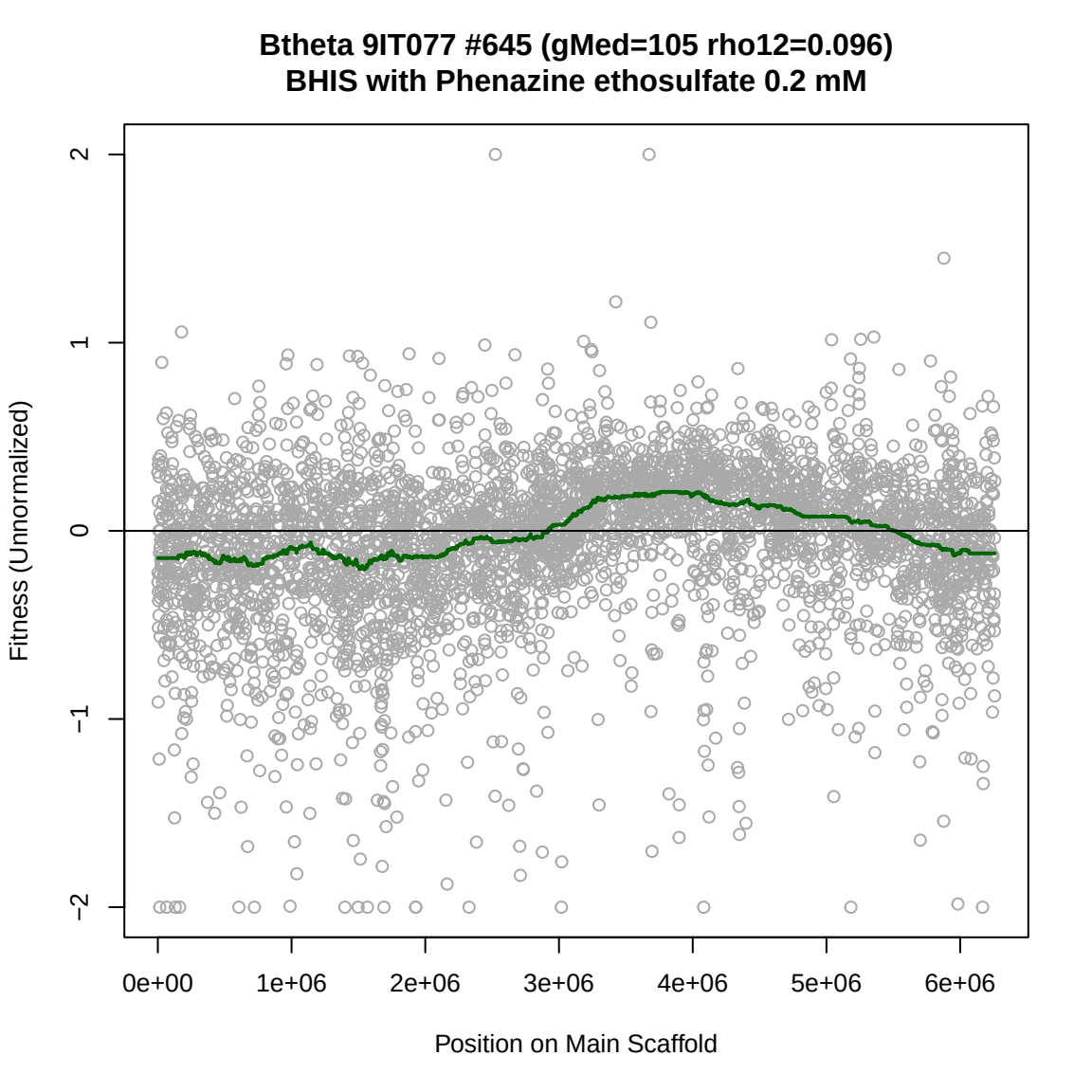

Btheta 9IT072 #640 (gMed=118 rho12=0.170)
Varel_Bryant_medium_Glucose with Furaltadone 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

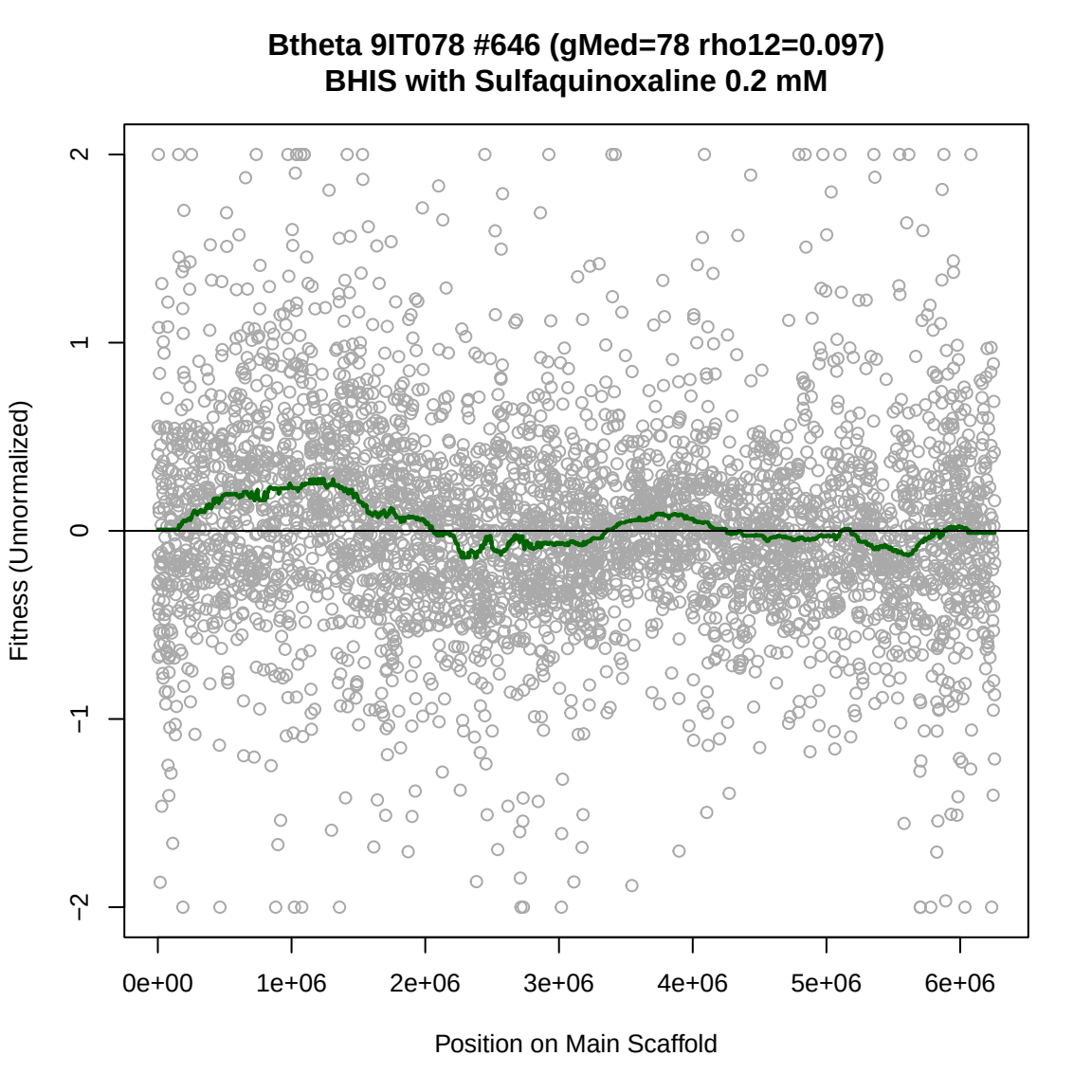

Btheta 9IT073 #641 (gMed=108 rho12=0.120)
BHIS with 8−hydroxy−nitroquinoline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

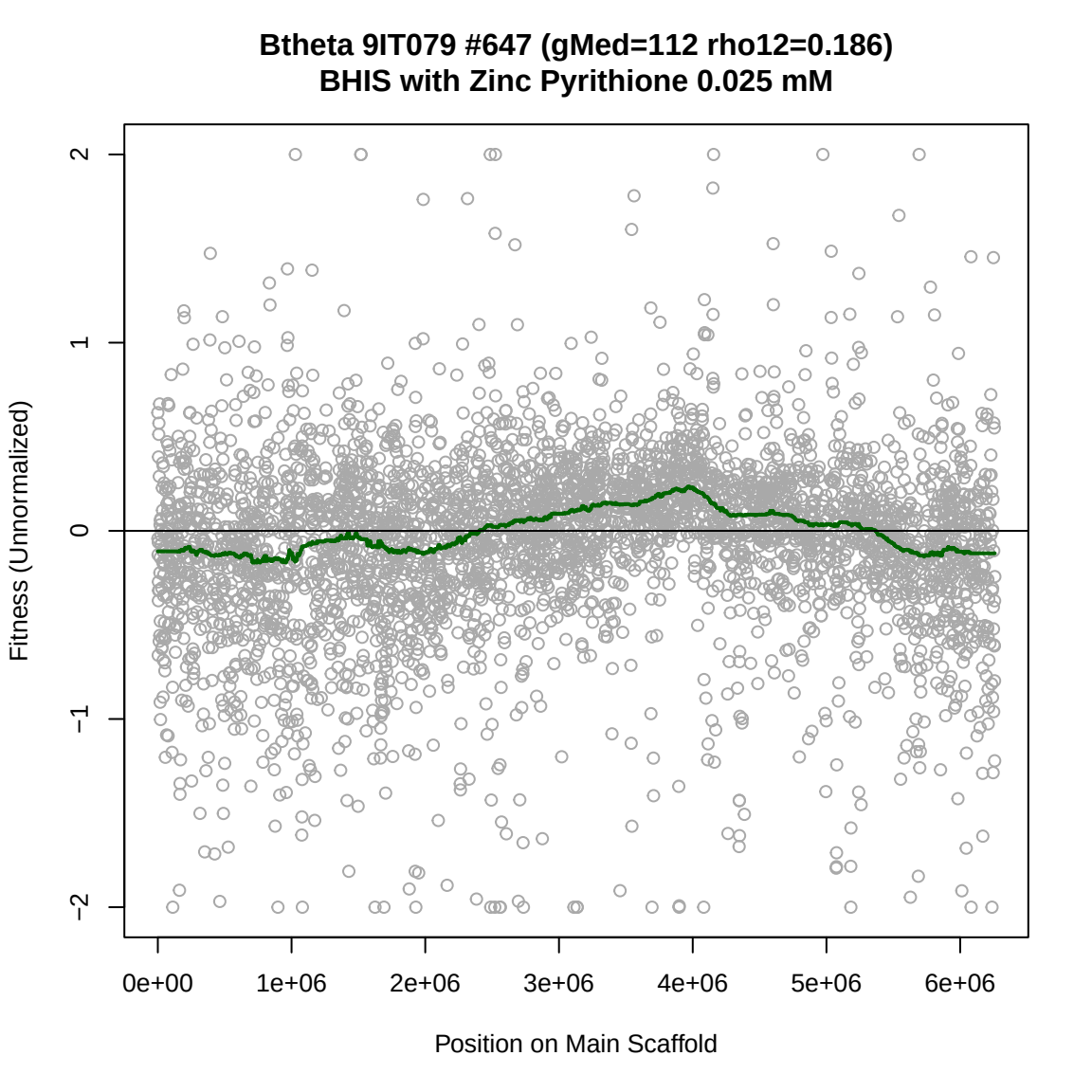

Btheta 9IT074 #642 (gMed=77 rho12=0.095)
BHIS with Cephalothin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

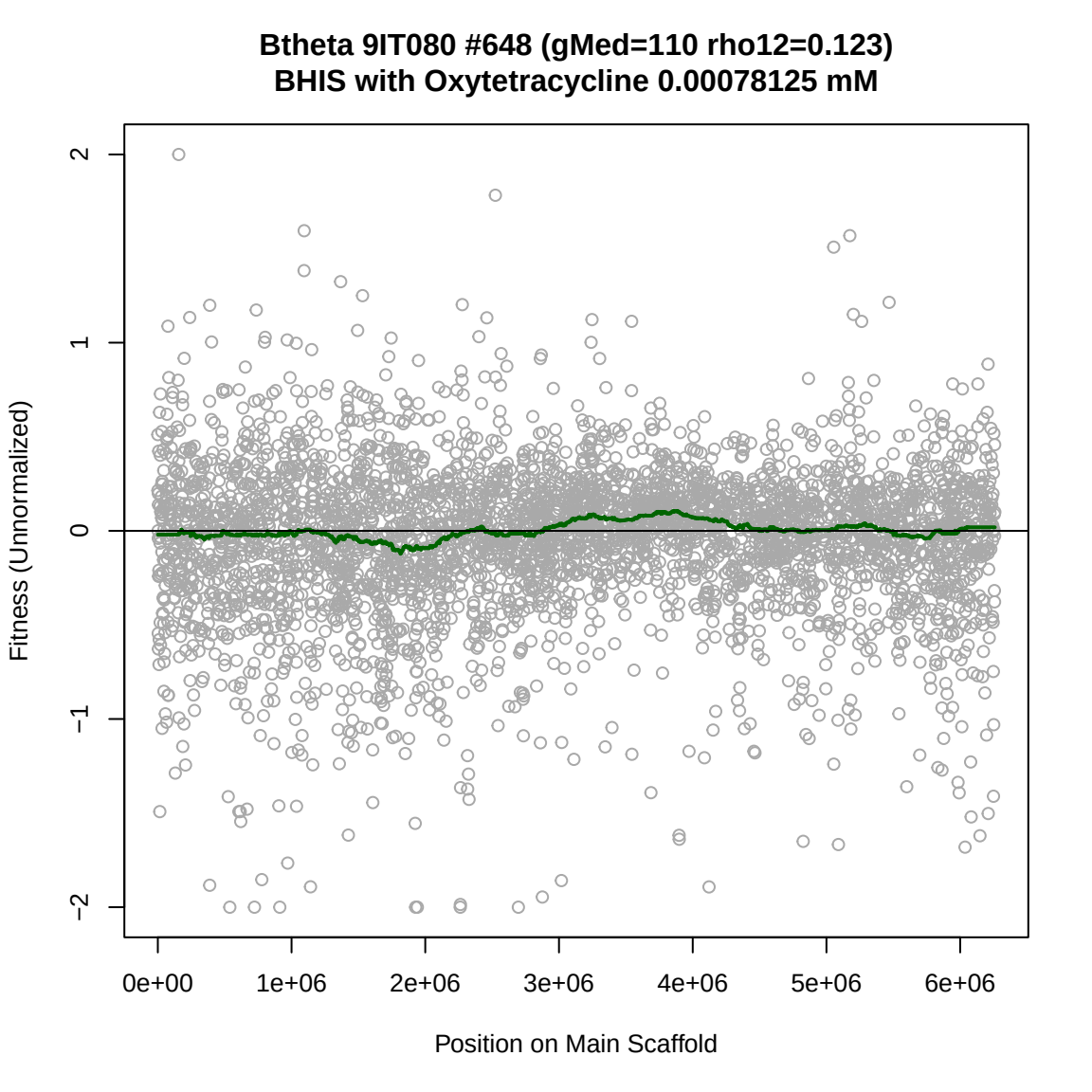

Btheta 9IT075 #643 (gMed=114 rho12=0.235)
BHIS with Dimetridazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

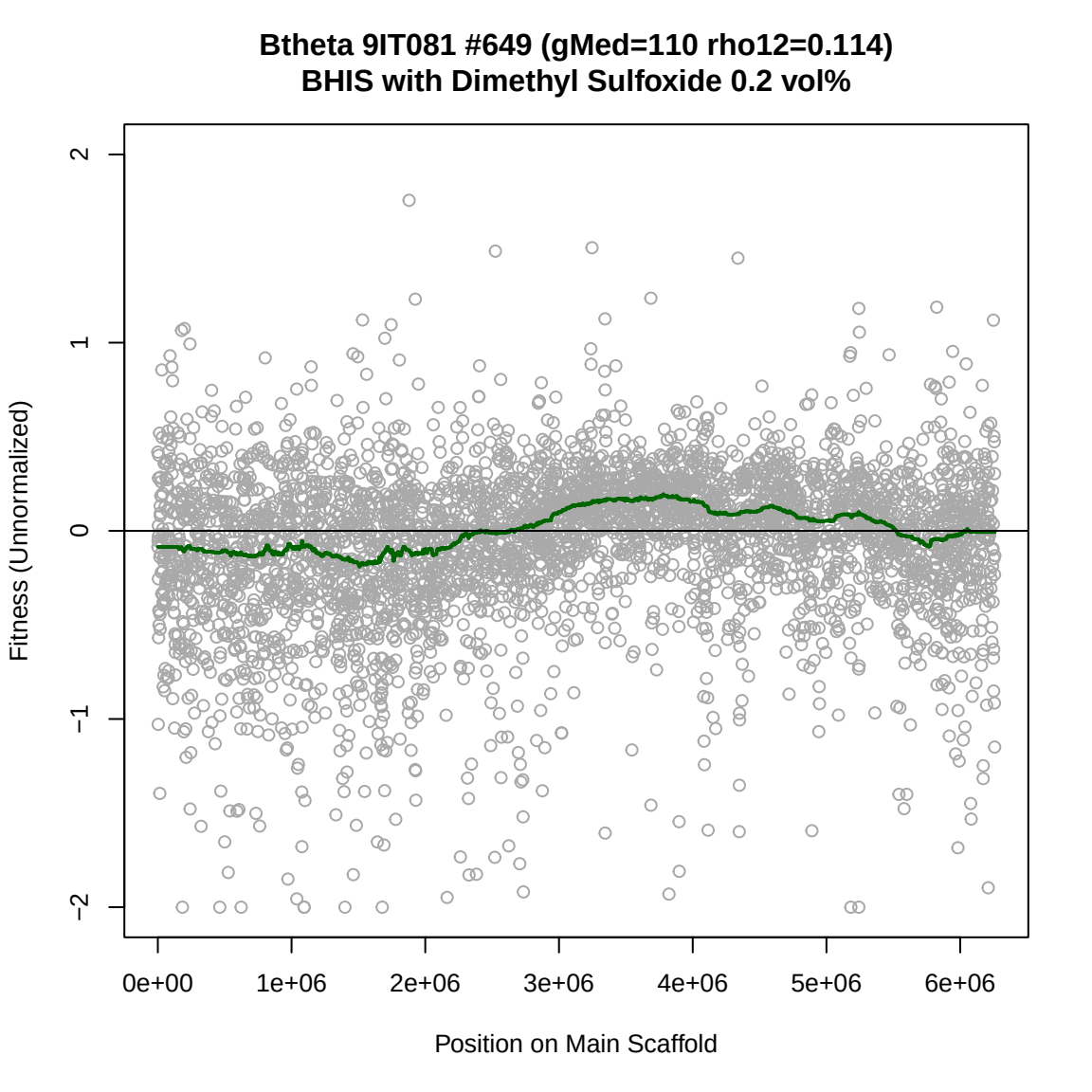

Btheta 9IT076 #644 (gMed=2 rho12=0.130)
BHIS with Furaltadone 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

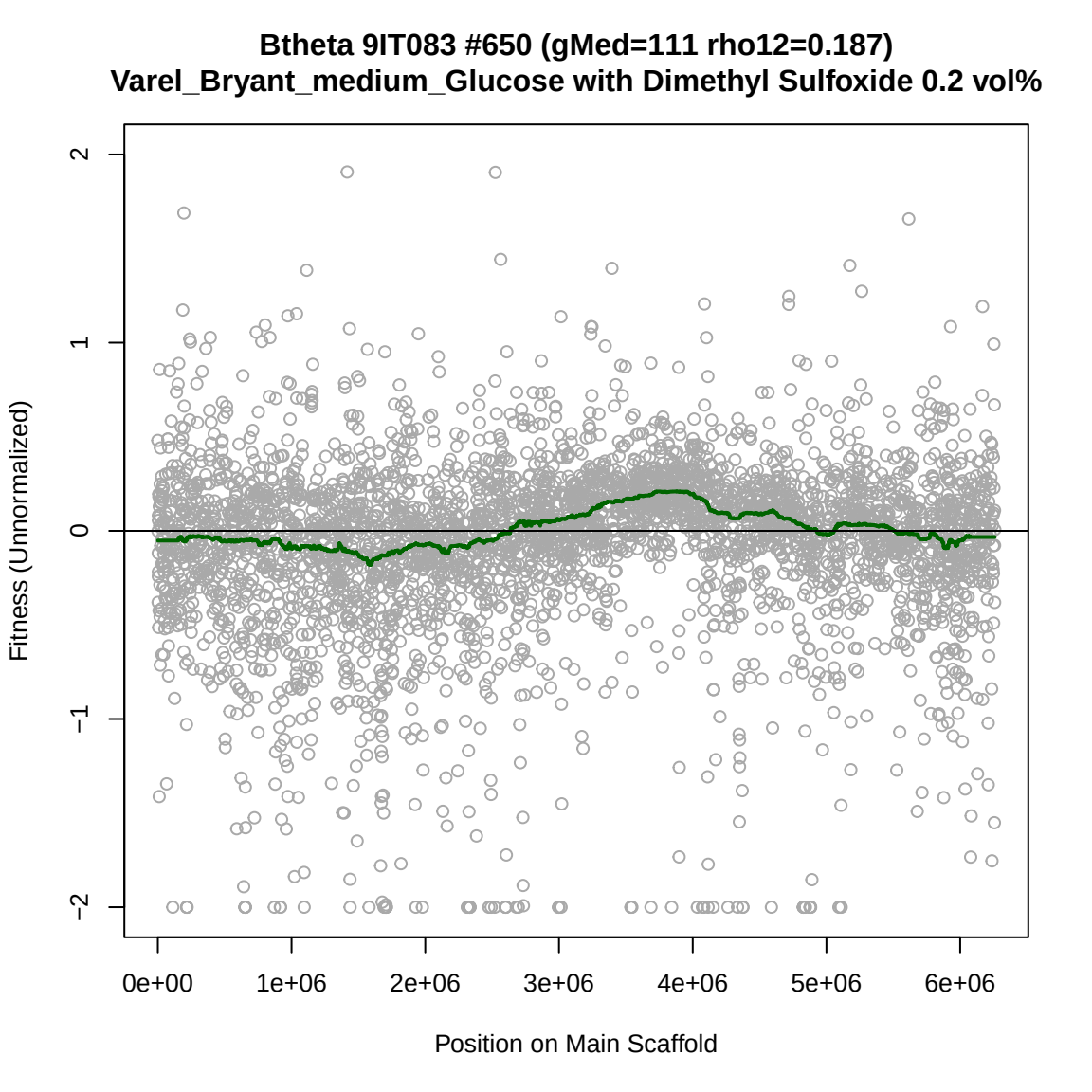

Btheta 9IT077 #645 (gMed=105 rho12=0.096)
BHIS with Phenazine ethosulfate 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

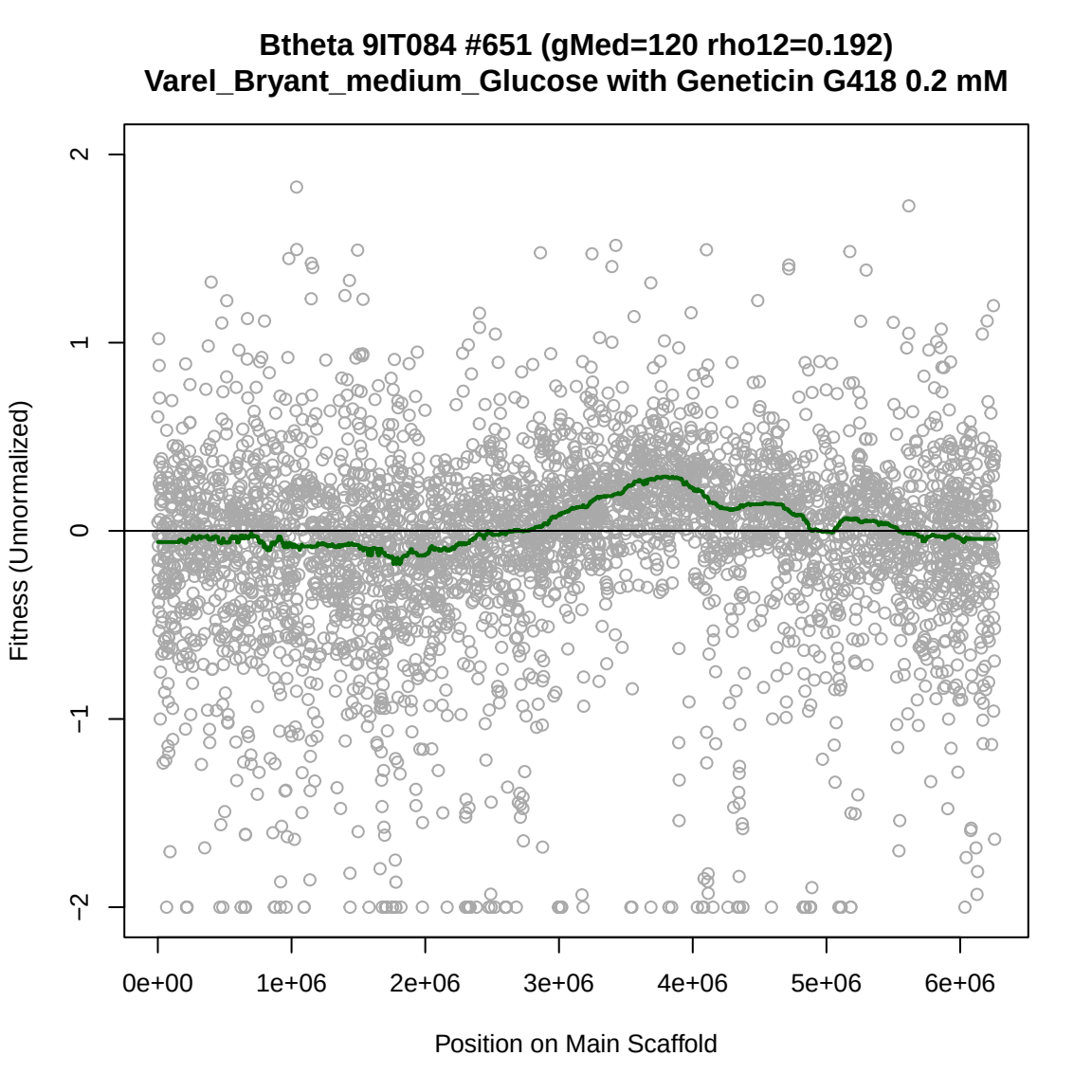

Btheta 9IT078 #646 (gMed=78 rho12=0.097)
BHIS with Sulfaquinoxaline 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

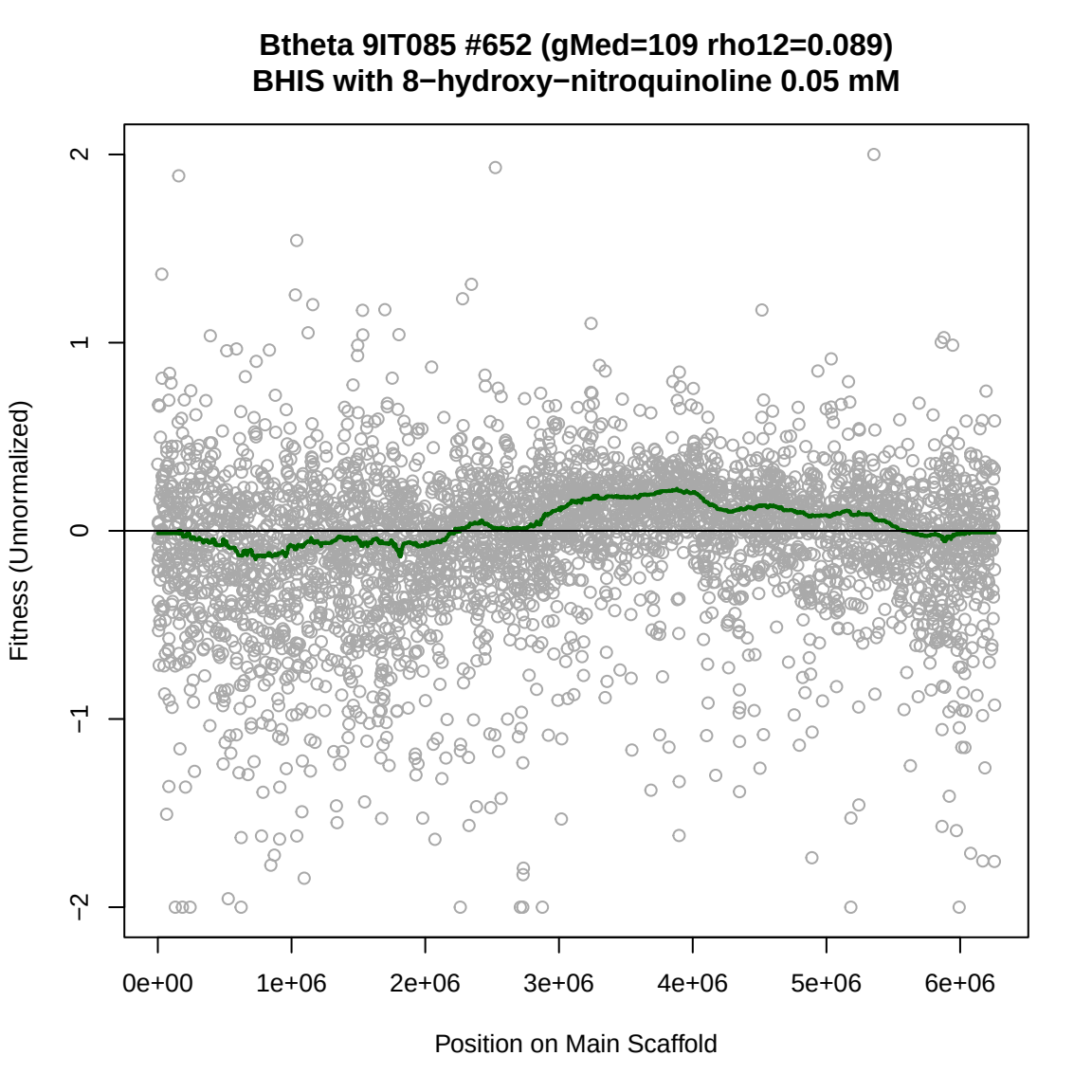

Btheta 9IT079 #647 (gMed=112 rho12=0.186)
BHIS with Zinc Pyrithione 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

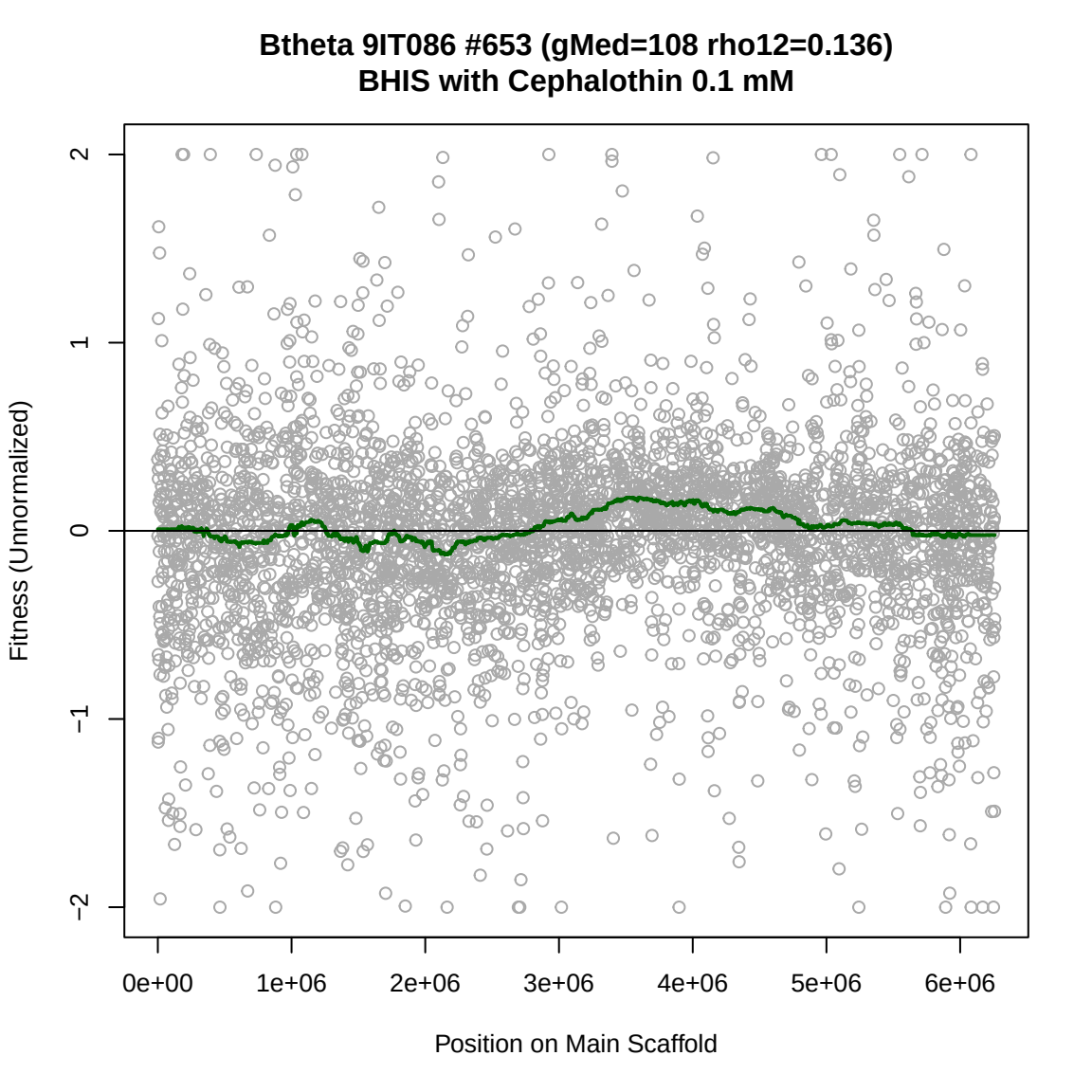

Btheta 9IT080 #648 (gMed=110 rho12=0.123)
BHIS with Oxytetracycline 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

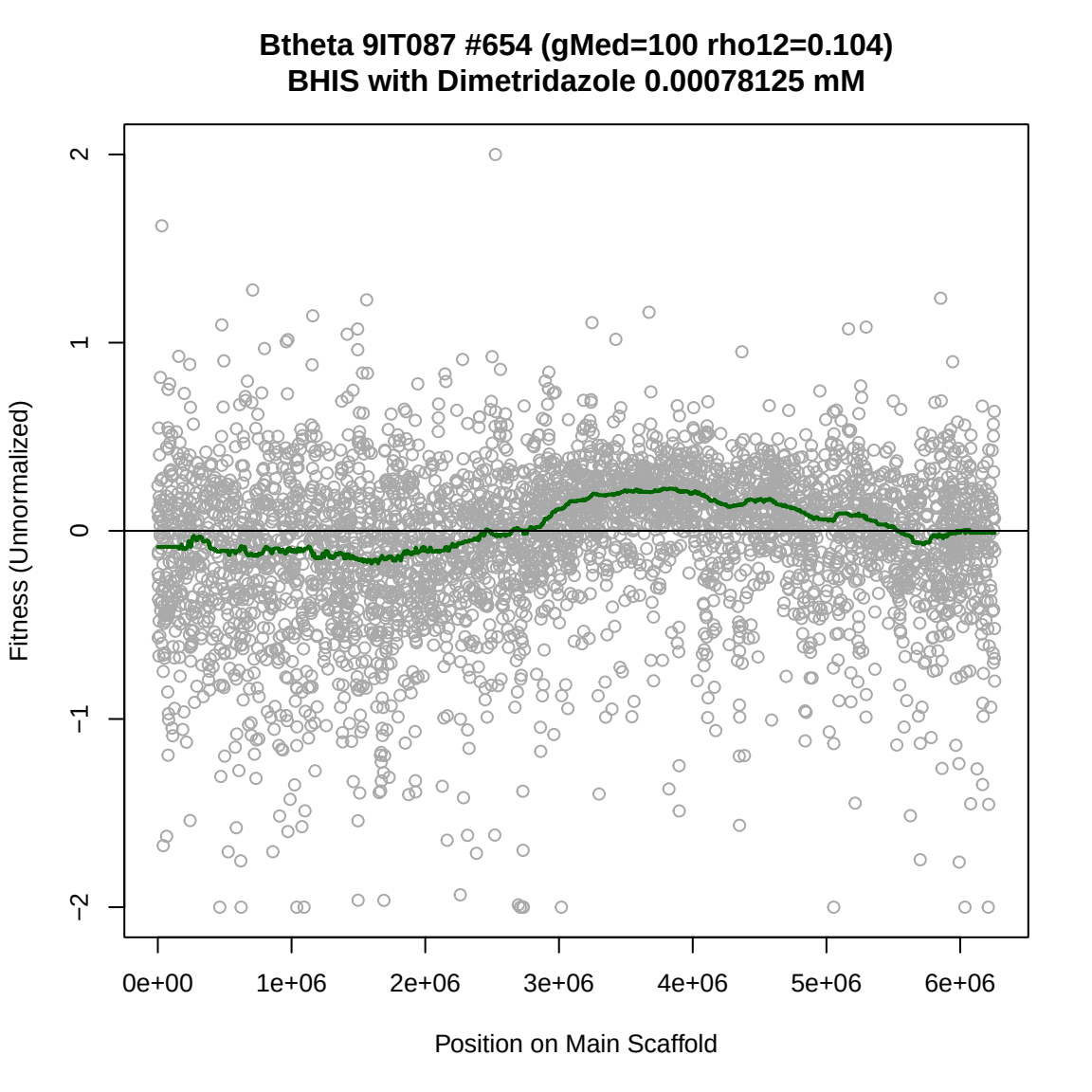

Btheta 9IT081 #649 (gMed=110 rho12=0.114)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

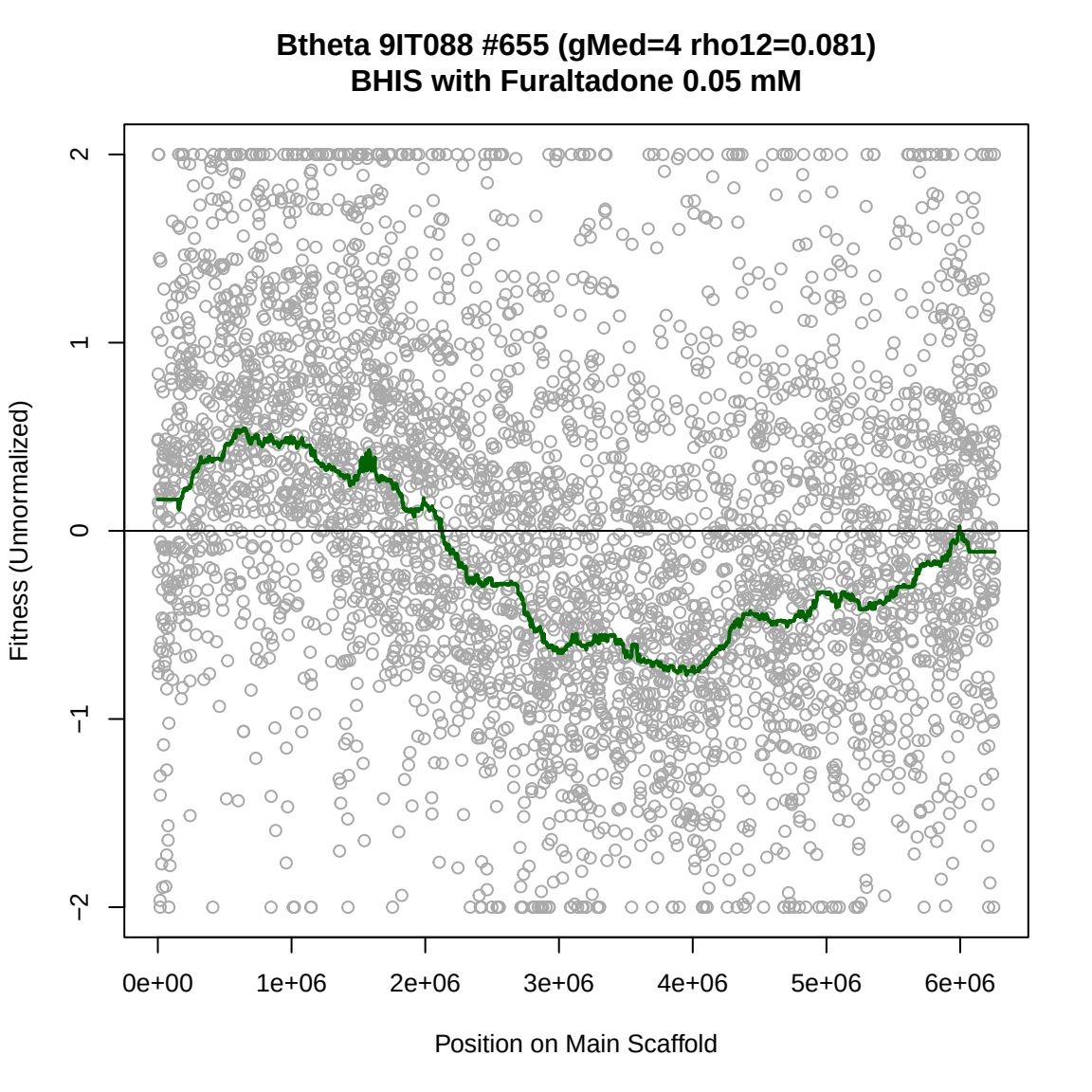

Btheta 9IT083 #650 (gMed=111 rho12=0.187)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

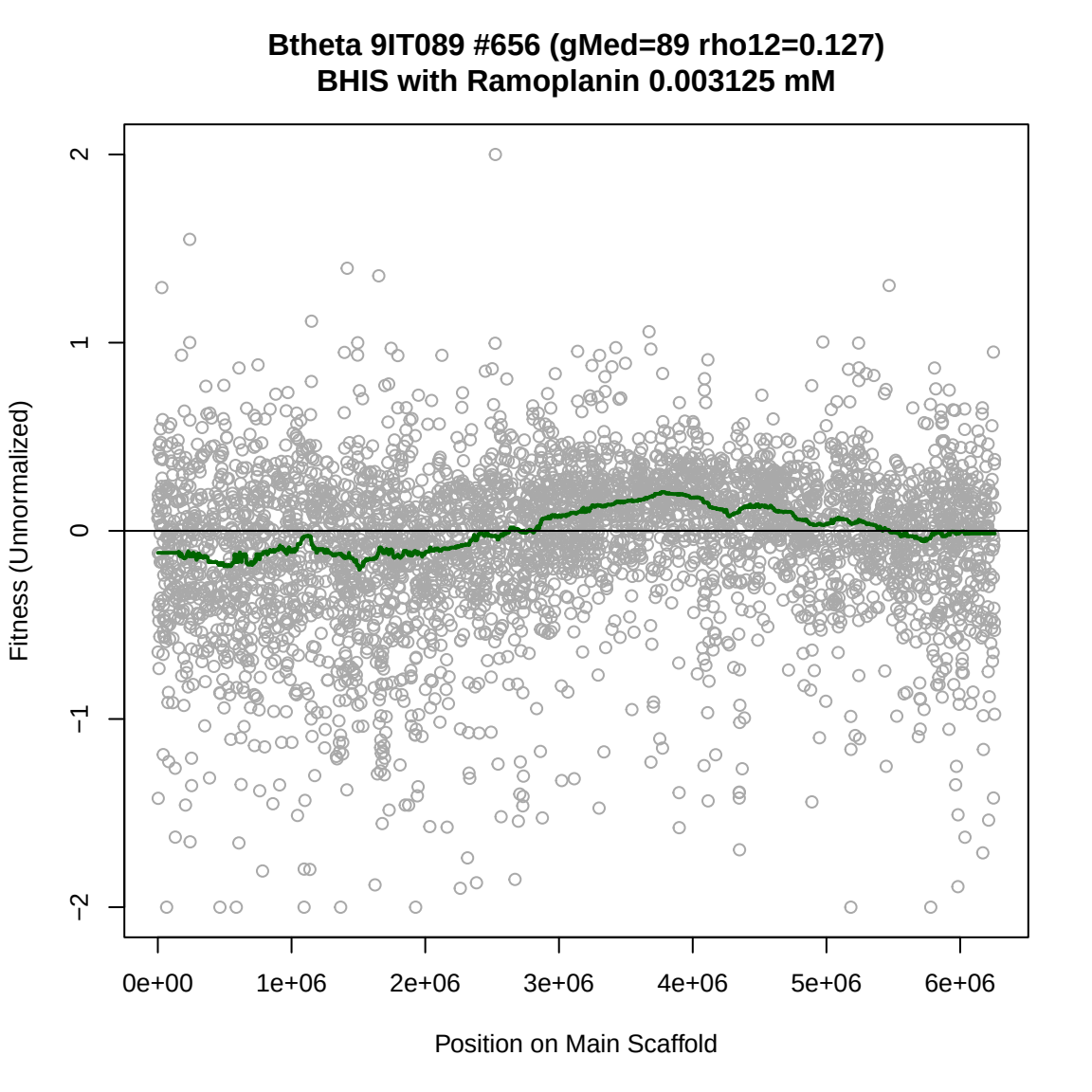

Btheta 9IT084 #651 (gMed=120 rho12=0.192)
Varel_Bryant_medium_Glucose with Geneticin G418 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

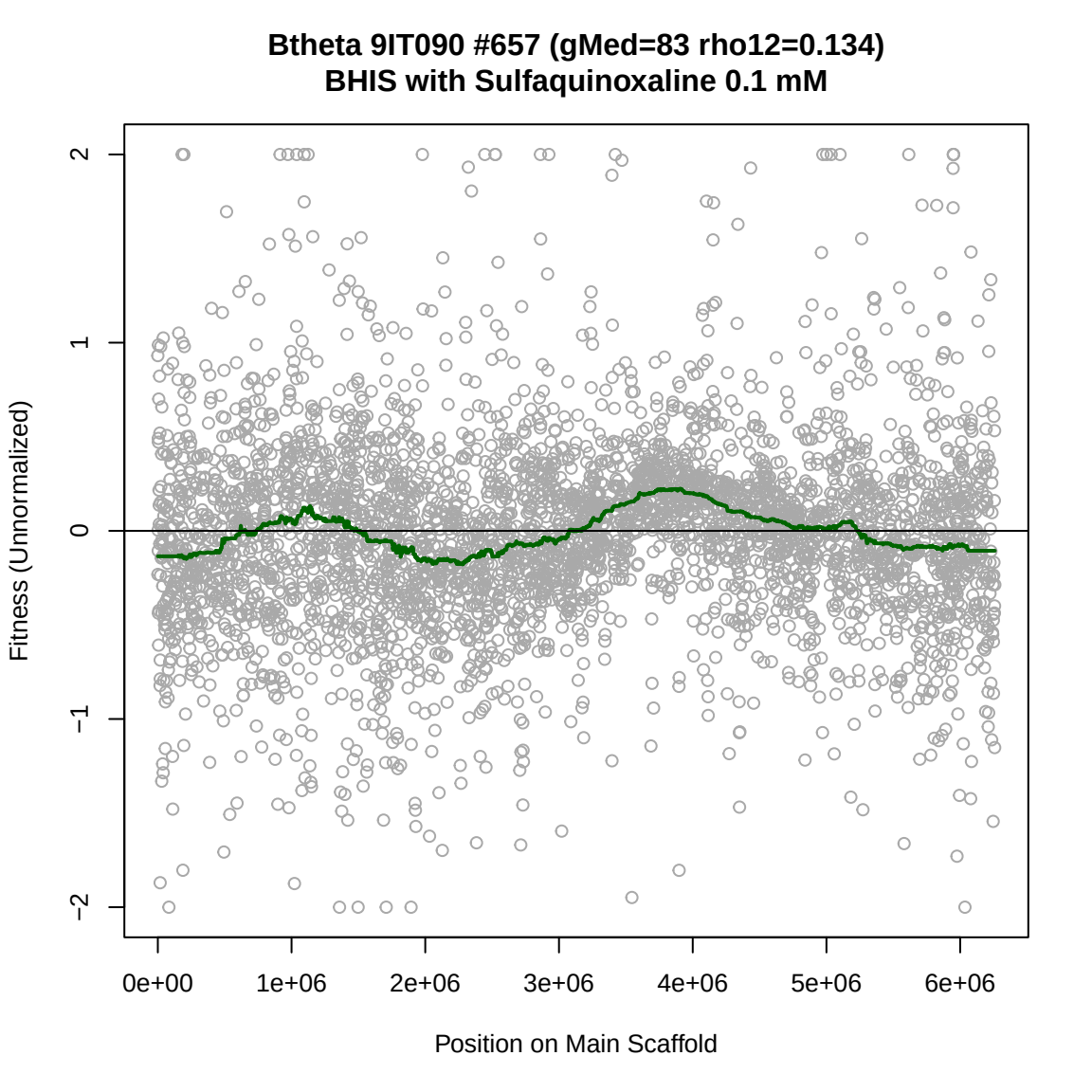

Btheta 9IT085 #652 (gMed=109 rho12=0.089)
BHIS with 8−hydroxy−nitroquinoline 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

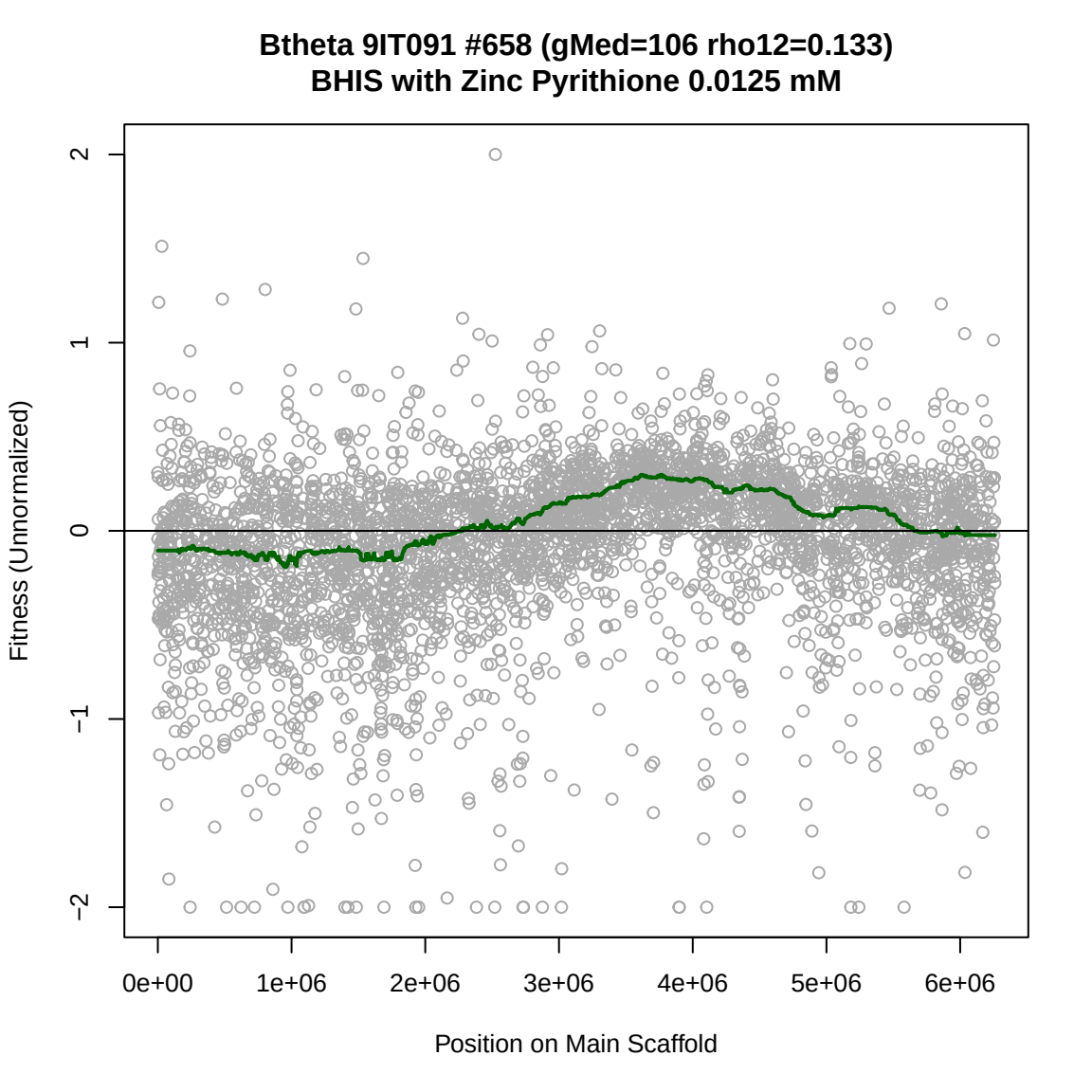

Btheta 9IT086 #653 (gMed=108 rho12=0.136)
BHIS with Cephalothin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

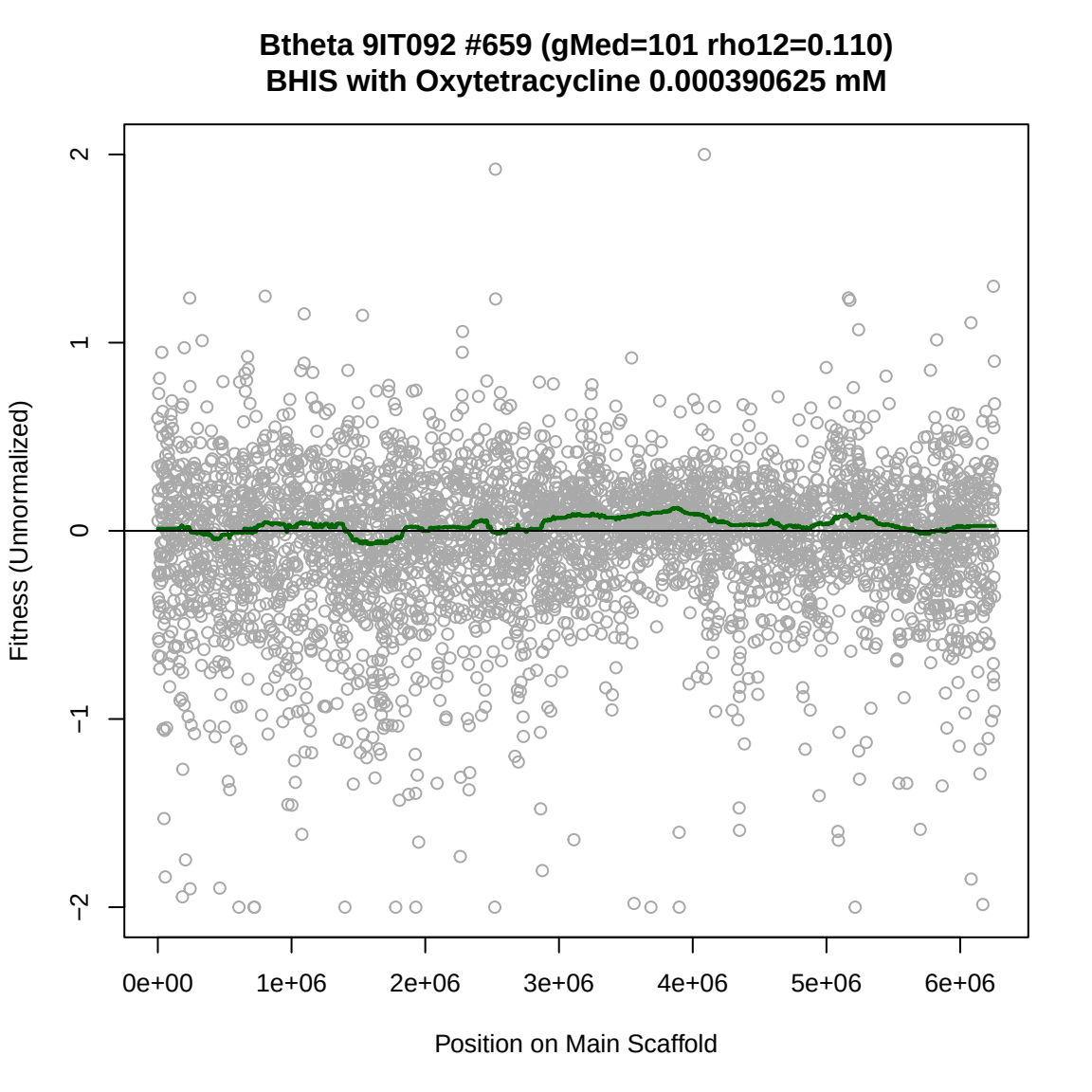

Btheta 9IT087 #654 (gMed=100 rho12=0.104)
BHIS with Dimetridazole 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

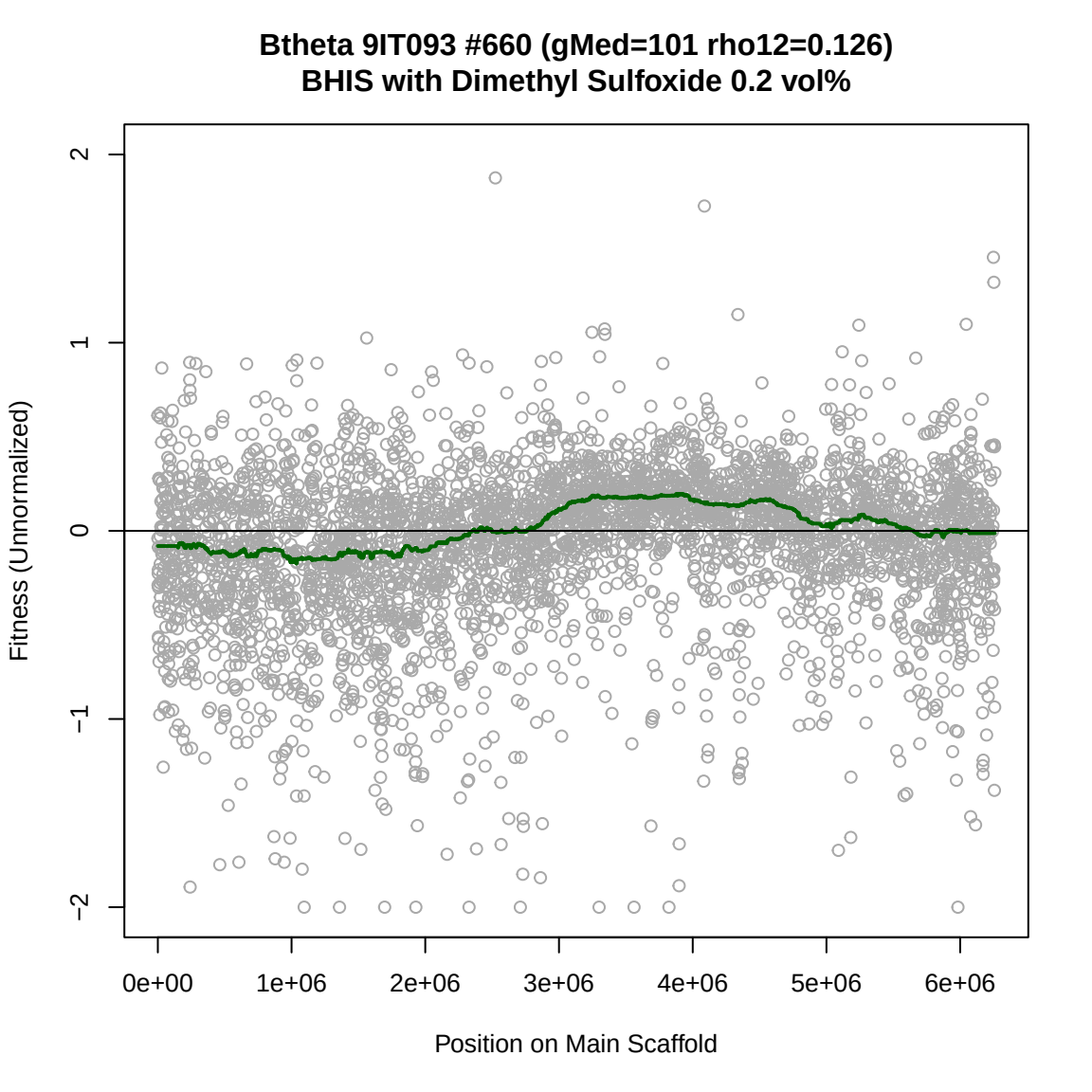

Btheta 9IT088 #655 (gMed=4 rho12=0.081)
BHIS with Furaltadone 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

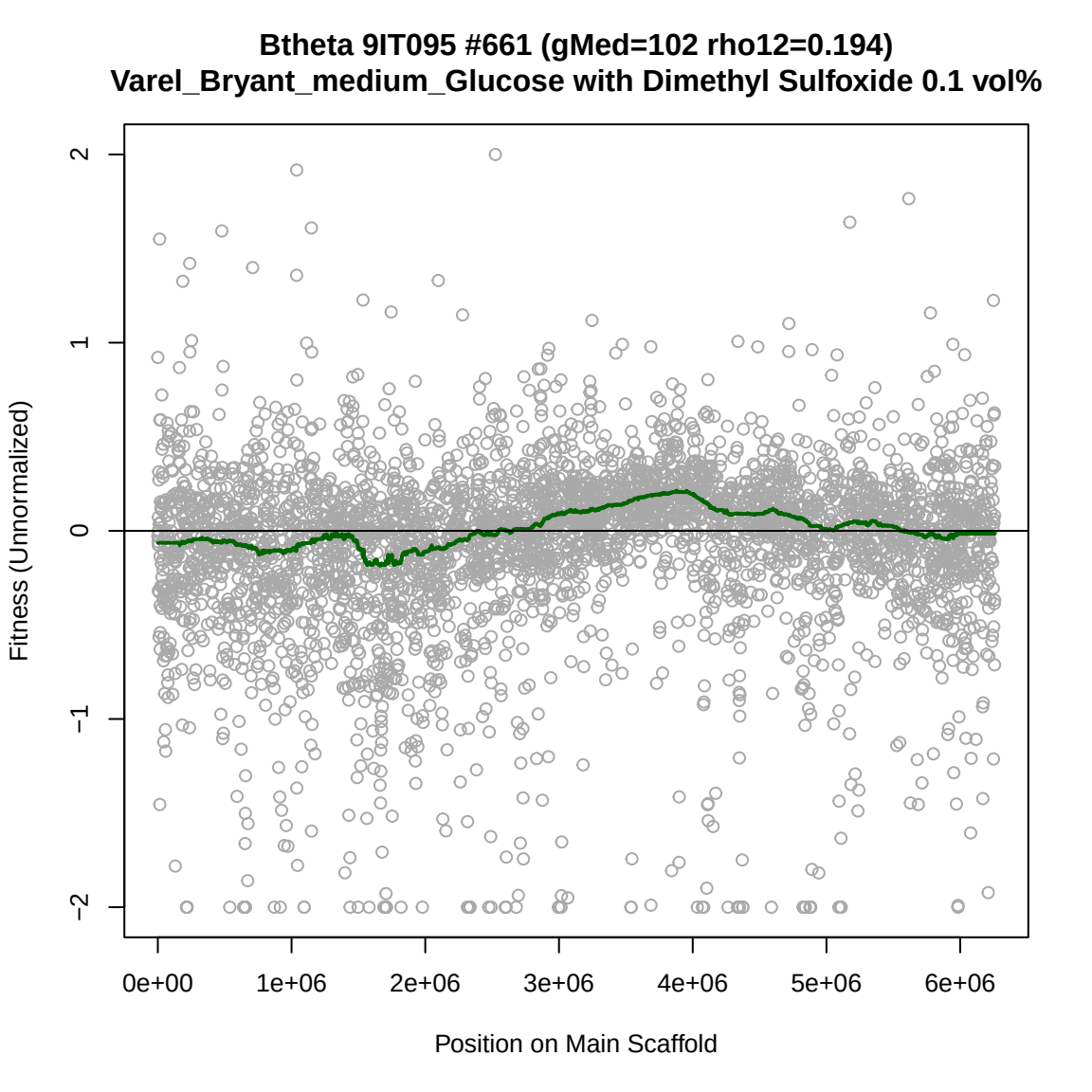

Btheta 9IT089 #656 (gMed=89 rho12=0.127)
BHIS with Ramoplanin 0.003125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

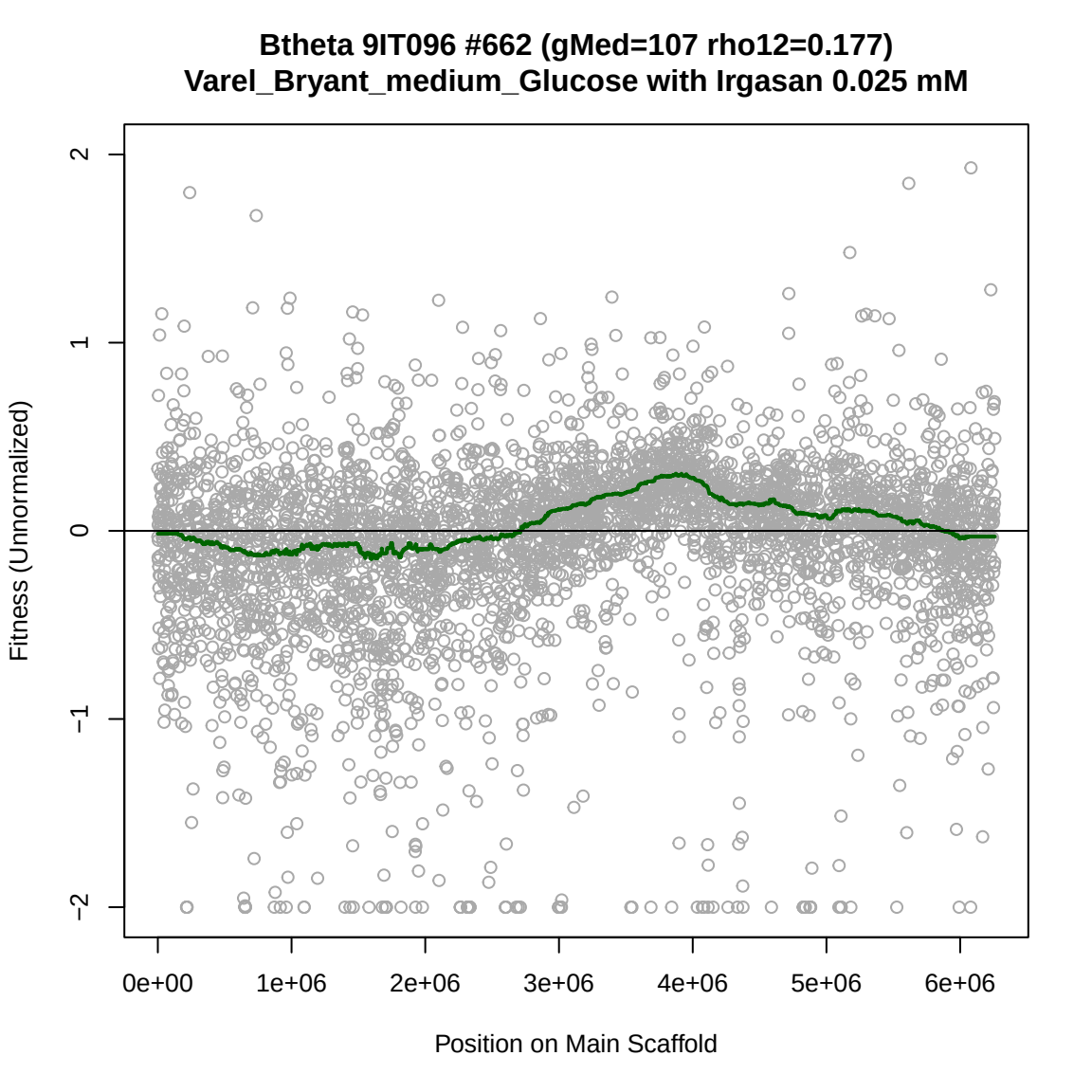

Btheta 9IT090 #657 (gMed=83 rho12=0.134)
BHIS with Sulfaquinoxaline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

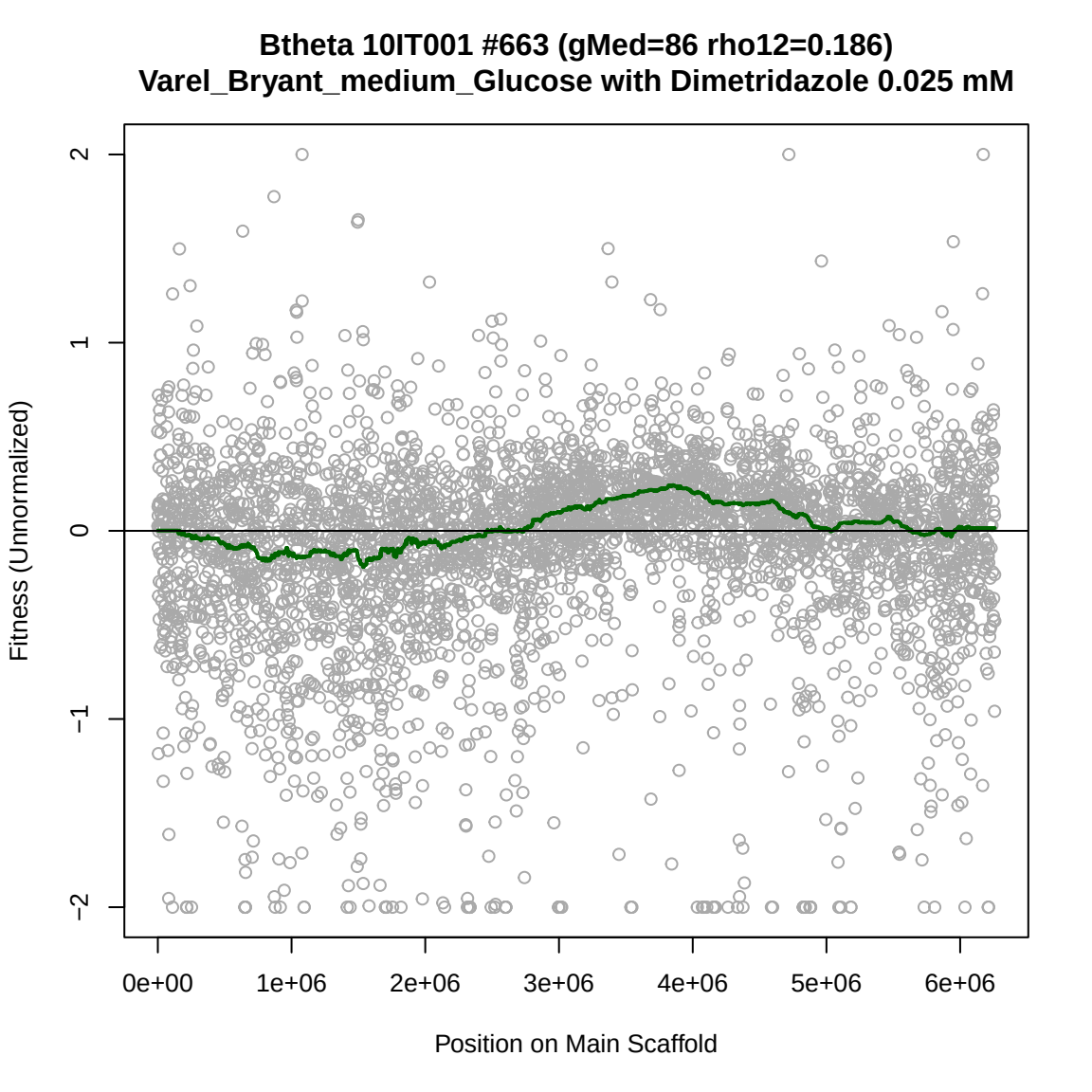

Btheta 9IT091 #658 (gMed=106 rho12=0.133)
BHIS with Zinc Pyrithione 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

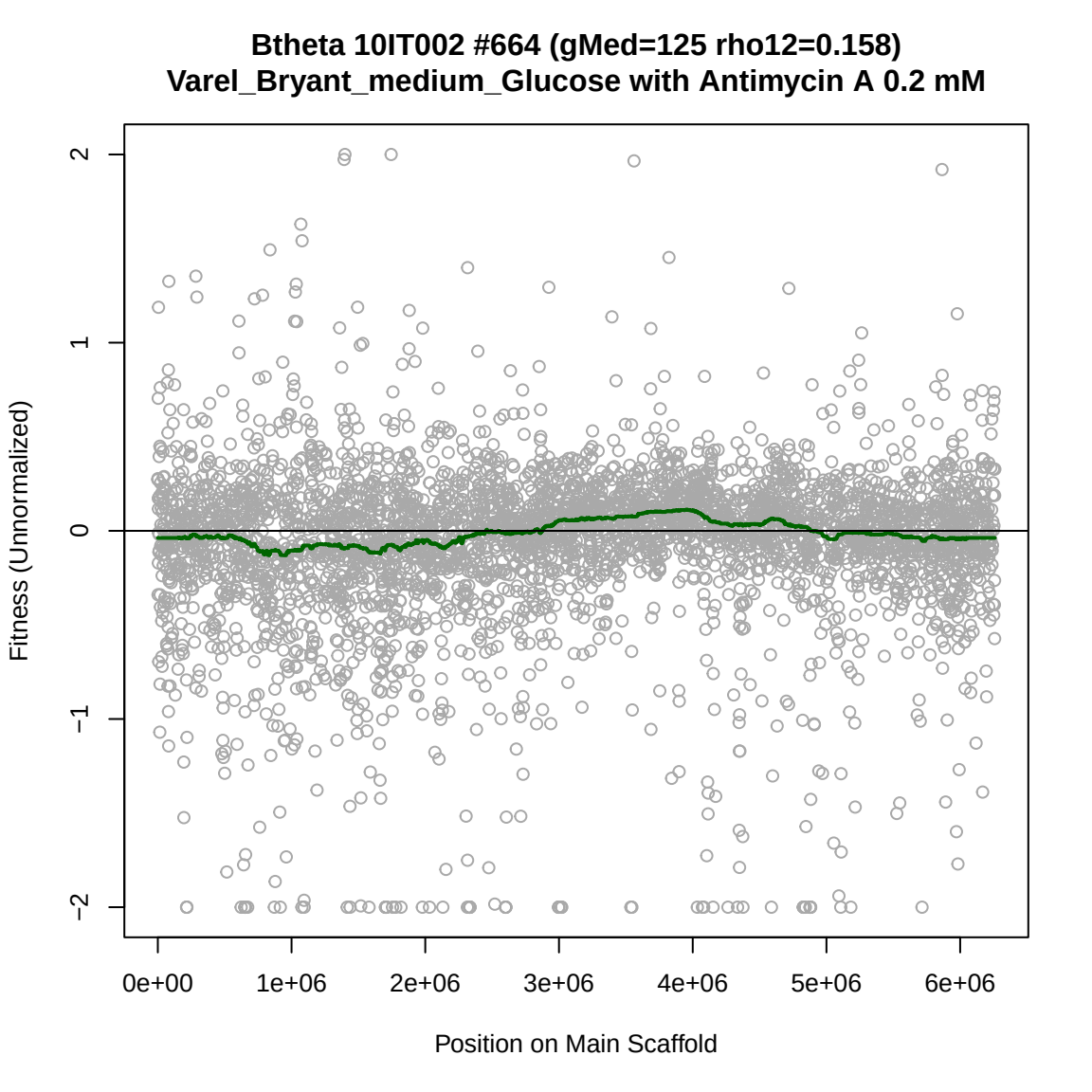

Btheta 9IT092 #659 (gMed=101 rho12=0.110)
BHIS with Oxytetracycline 0.000390625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

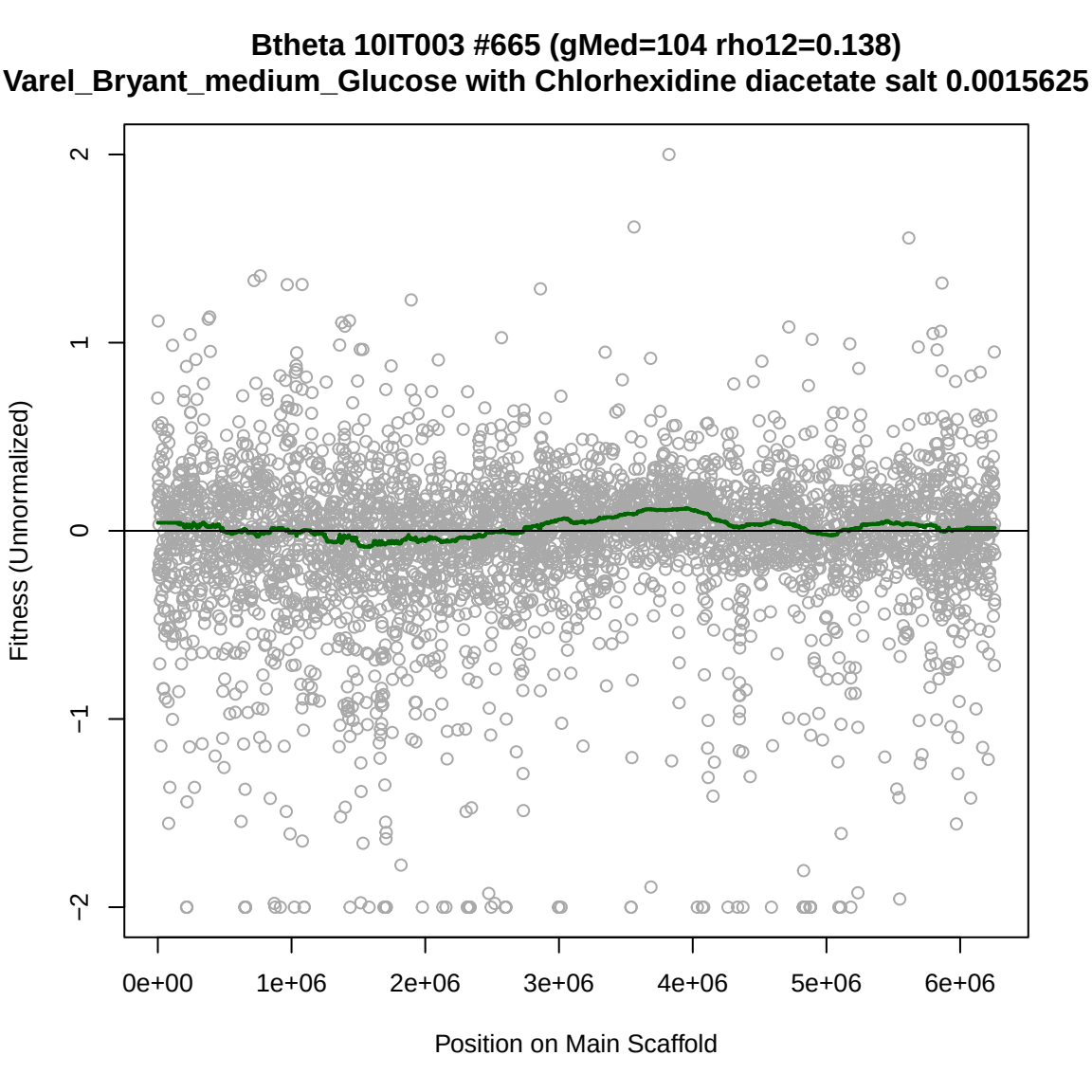

Btheta 9IT093 #660 (gMed=101 rho12=0.126)
BHIS with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

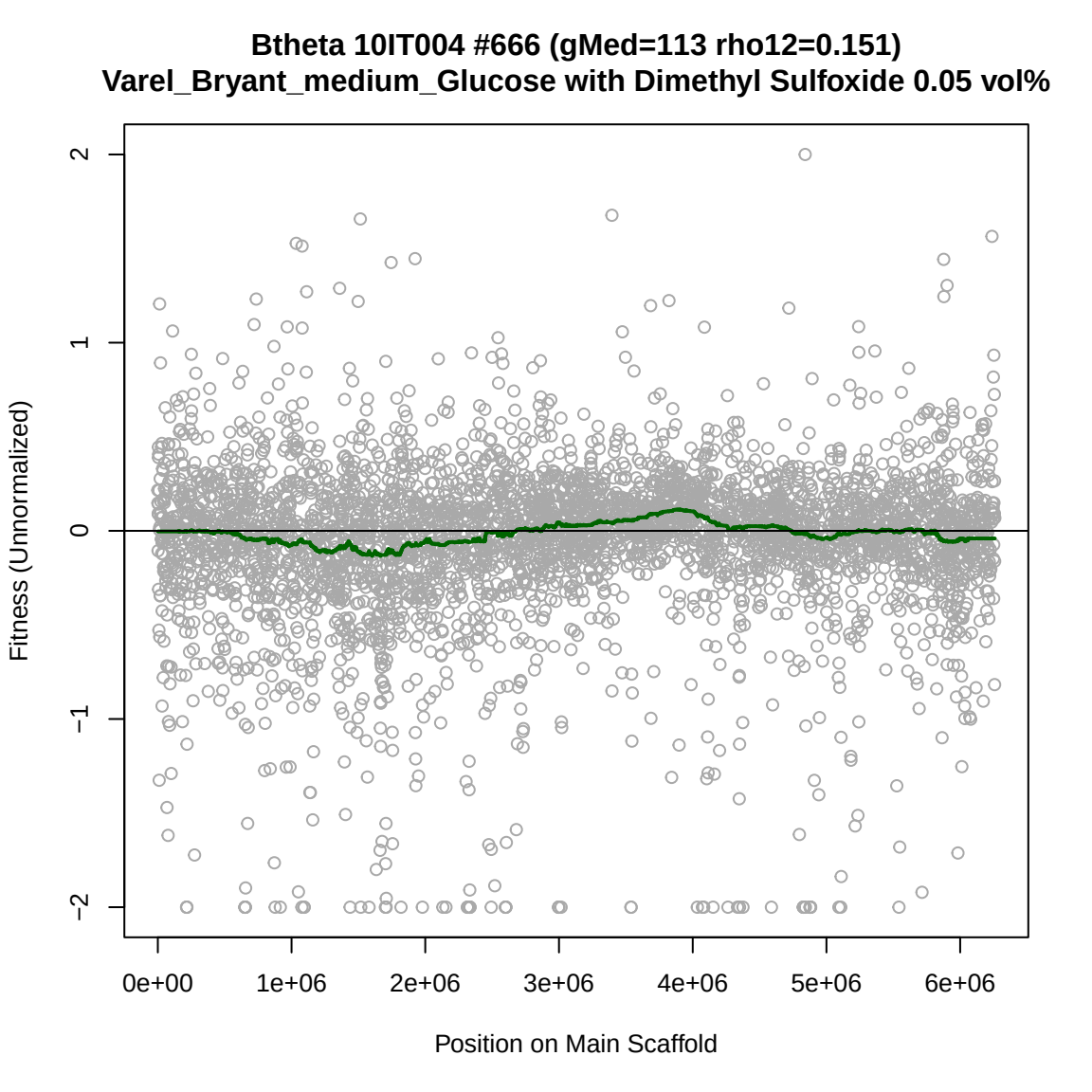

Btheta 9IT095 #661 (gMed=102 rho12=0.194)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.1 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

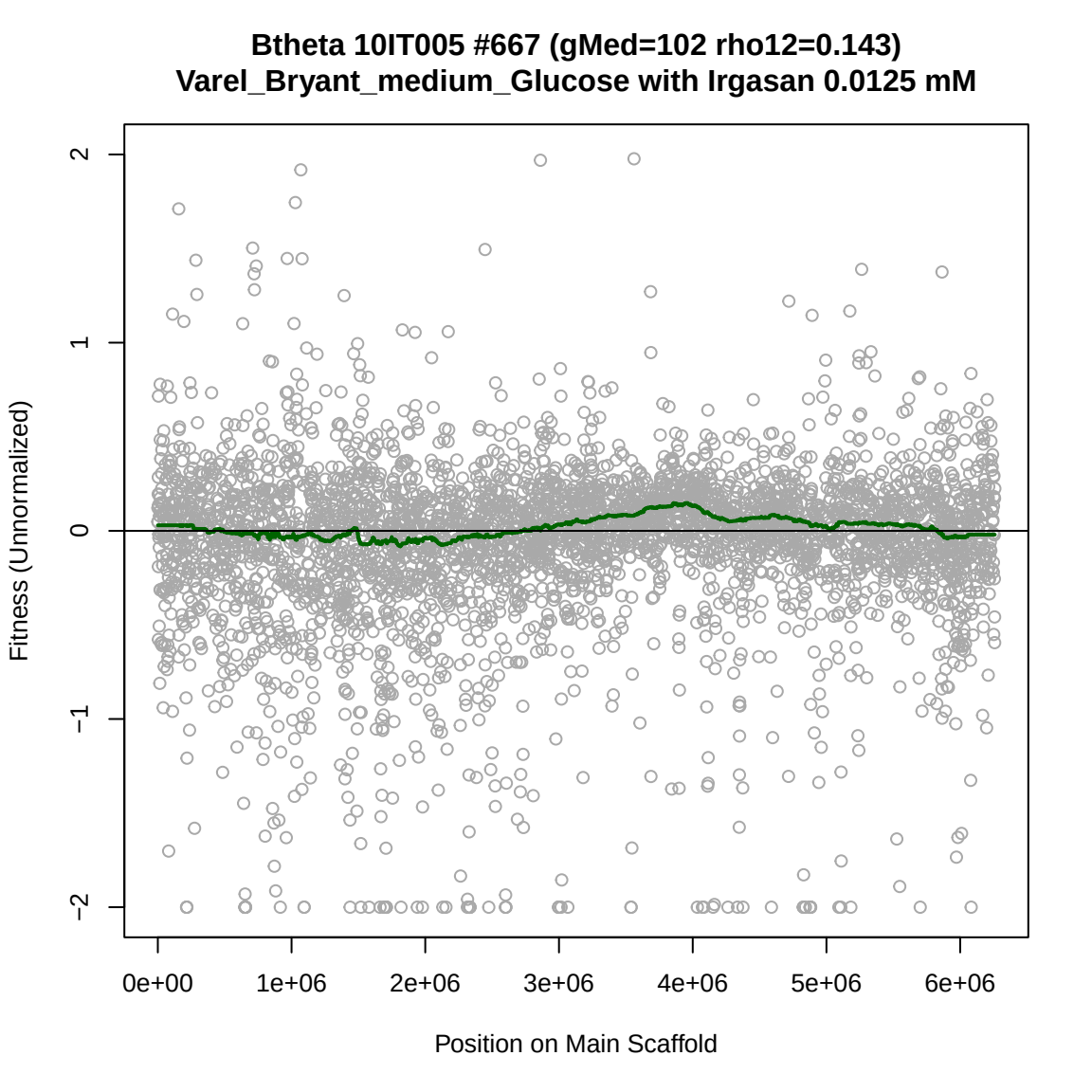

Btheta 9IT096 #662 (gMed=107 rho12=0.177)
Varel_Bryant_medium_Glucose with Irgasan 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

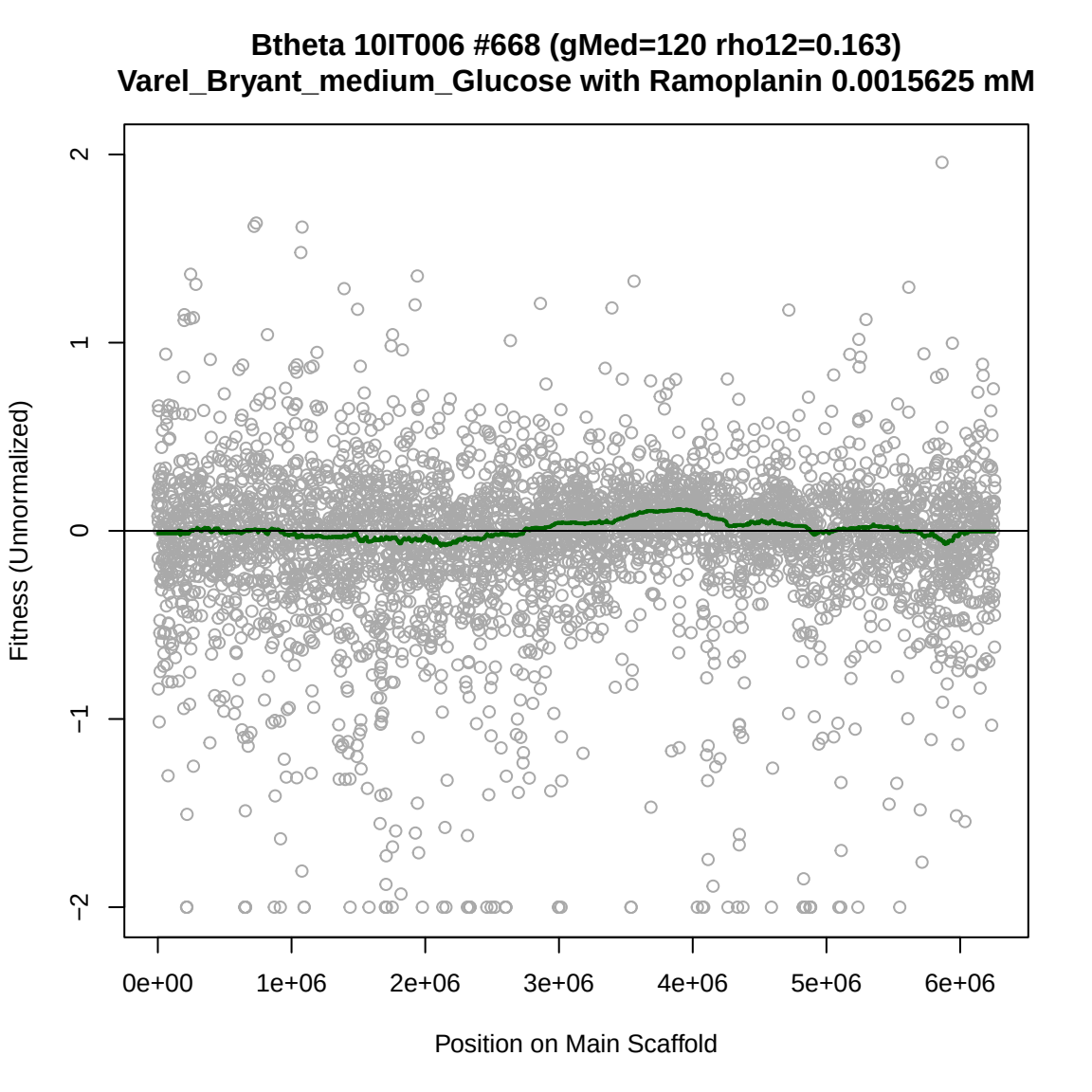

Btheta 10IT001 #663 (gMed=86 rho12=0.186)
Varel_Bryant_medium_Glucose with Dimetridazole 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

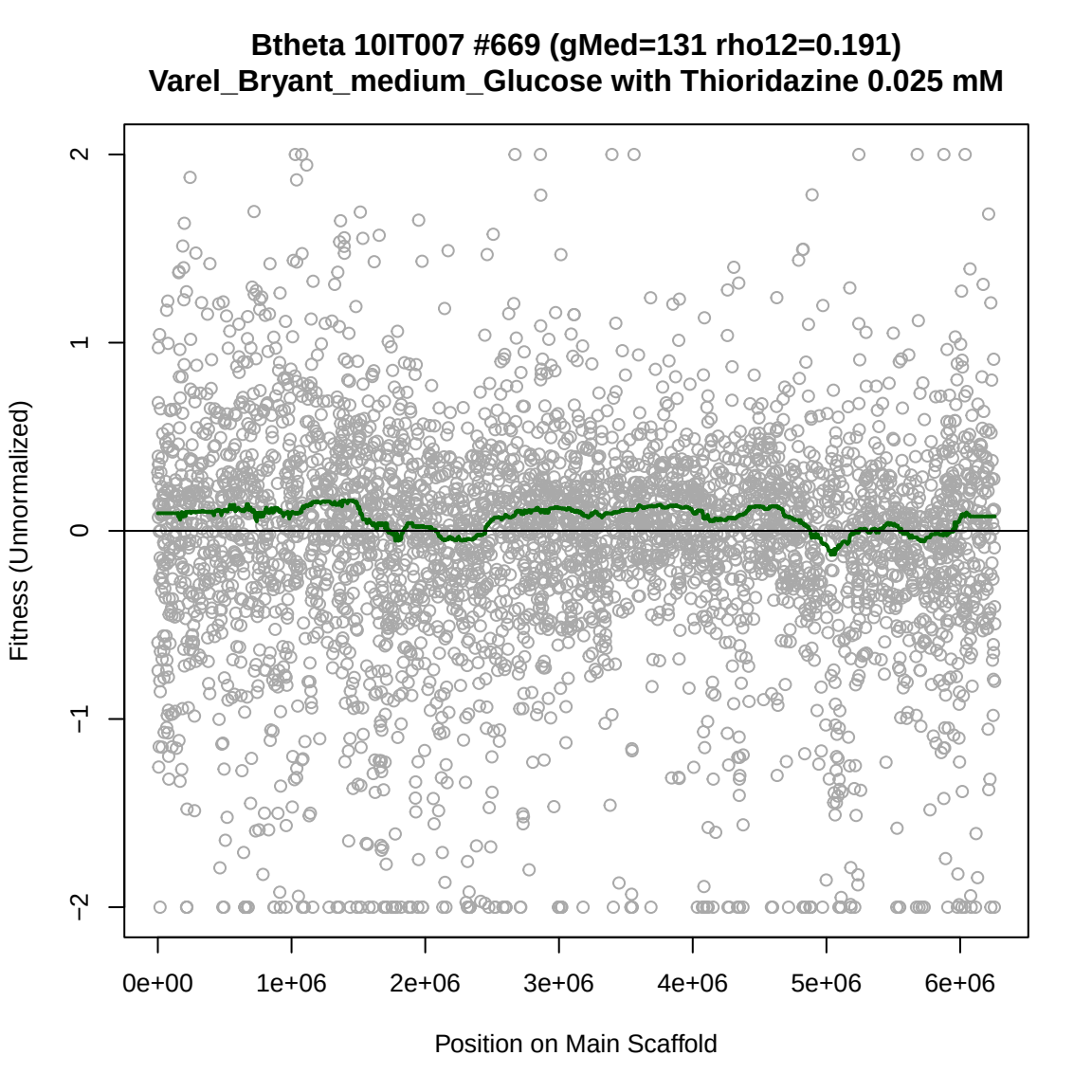

Btheta 10IT002 #664 (gMed=125 rho12=0.158)
Varel_Bryant_medium_Glucose with Antimycin A 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

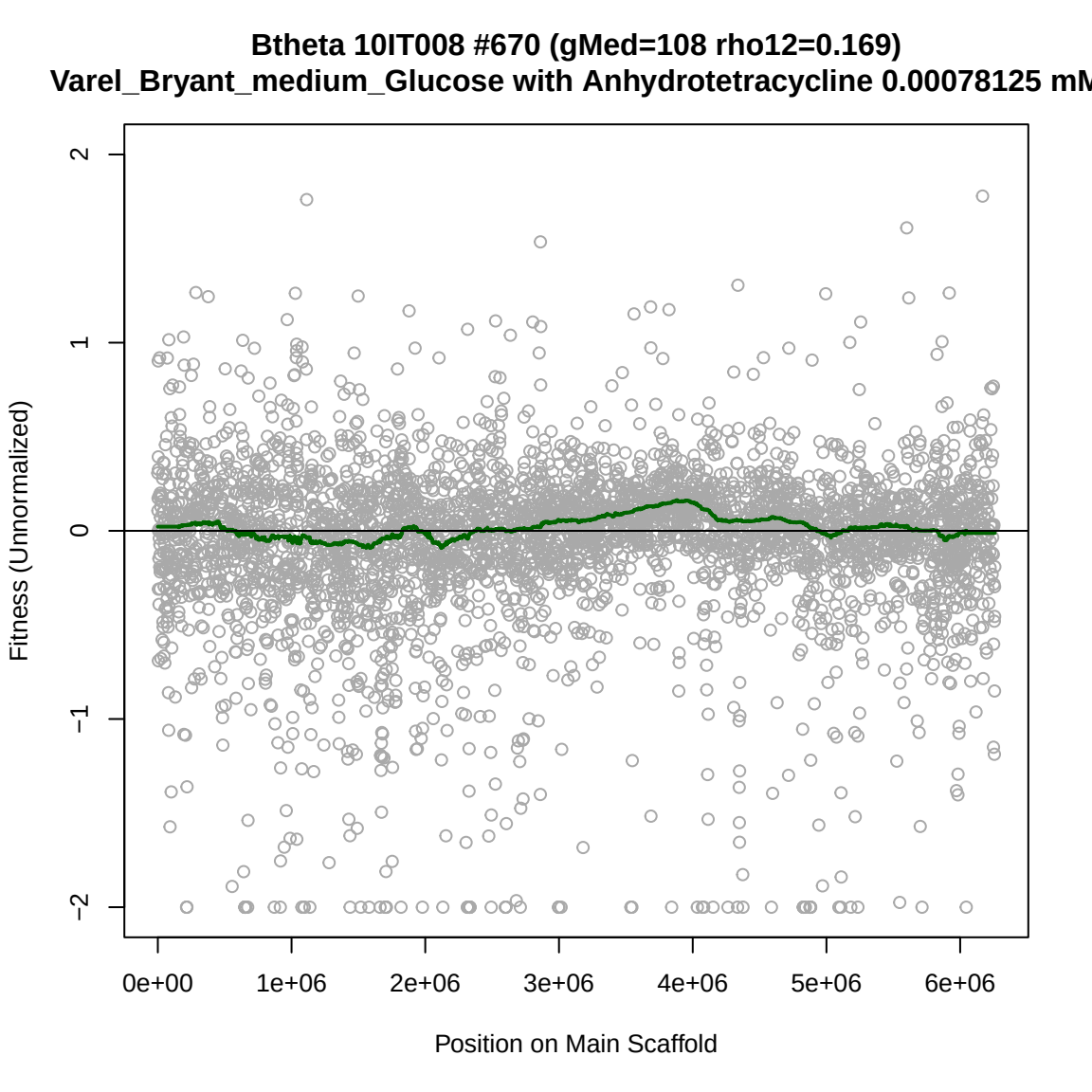

Btheta 10IT003 #665 (gMed=104 rho12=0.138)
Varel_Bryant_medium_Glucose with Chlorhexidine diacetate salt 0.0015625
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

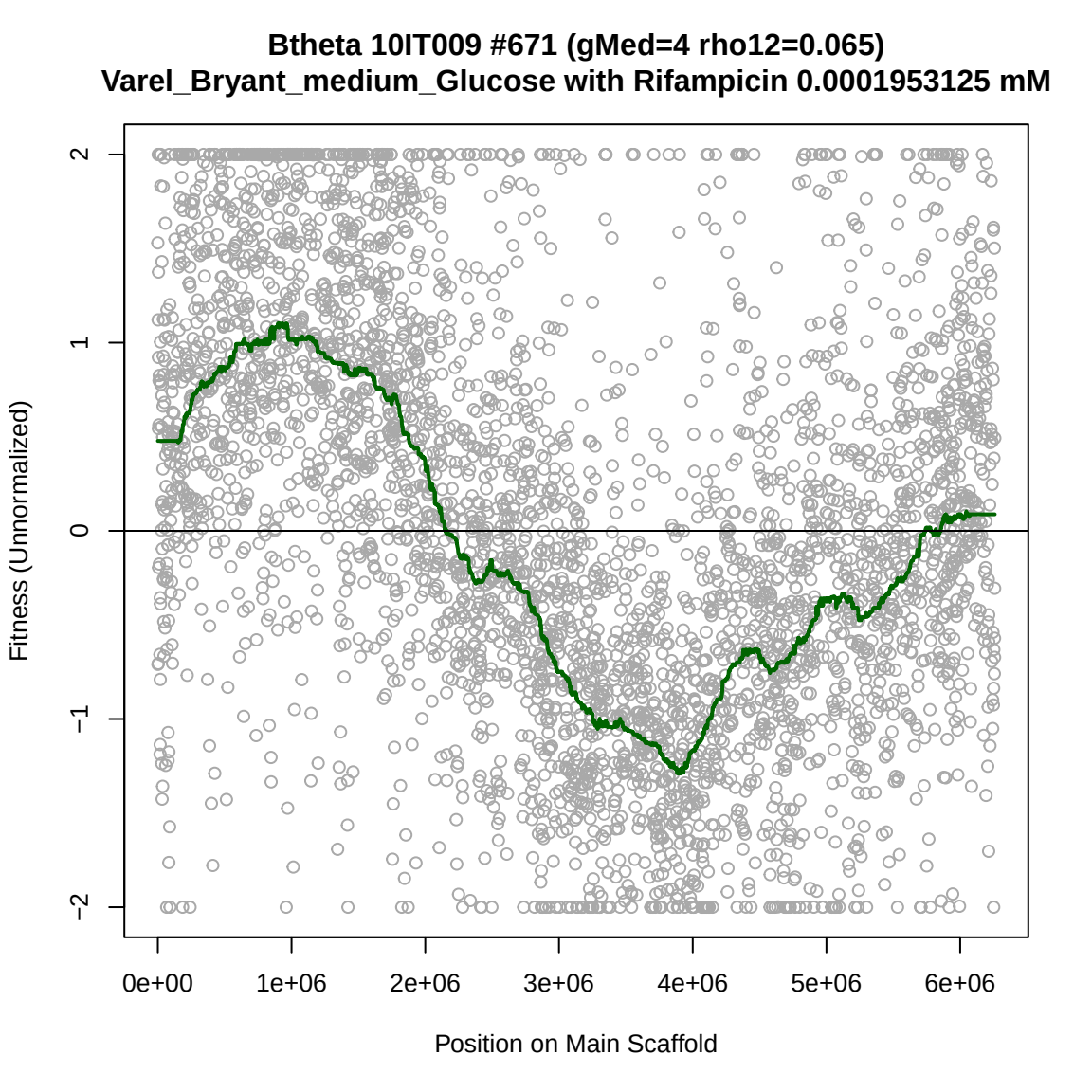

Btheta 10IT004 #666 (gMed=113 rho12=0.151)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.05 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

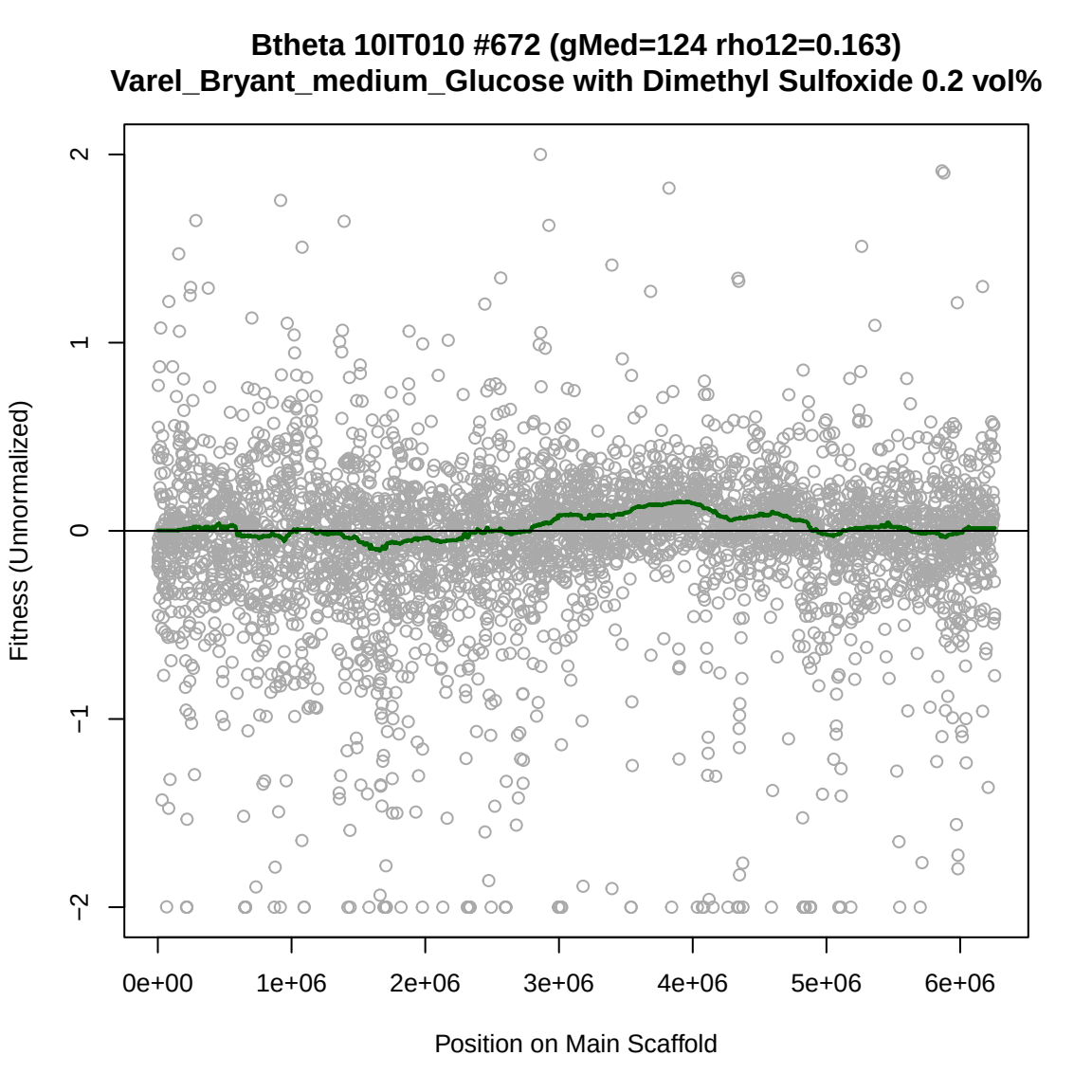

Btheta 10IT005 #667 (gMed=102 rho12=0.143)
Varel_Bryant_medium_Glucose with Irgasan 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

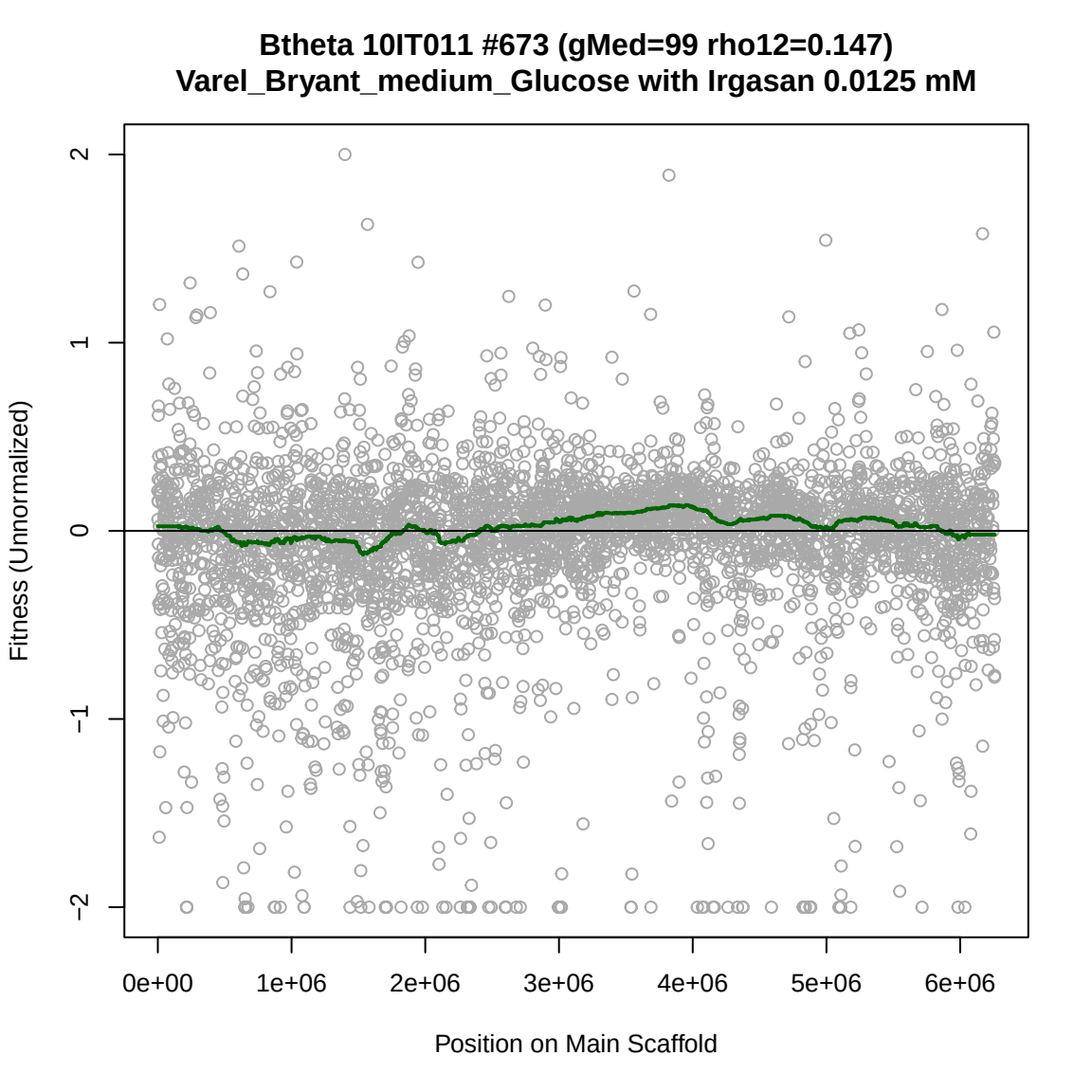

Btheta 10IT006 #668 (gMed=120 rho12=0.163)
Varel_Bryant_medium_Glucose with Ramoplanin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

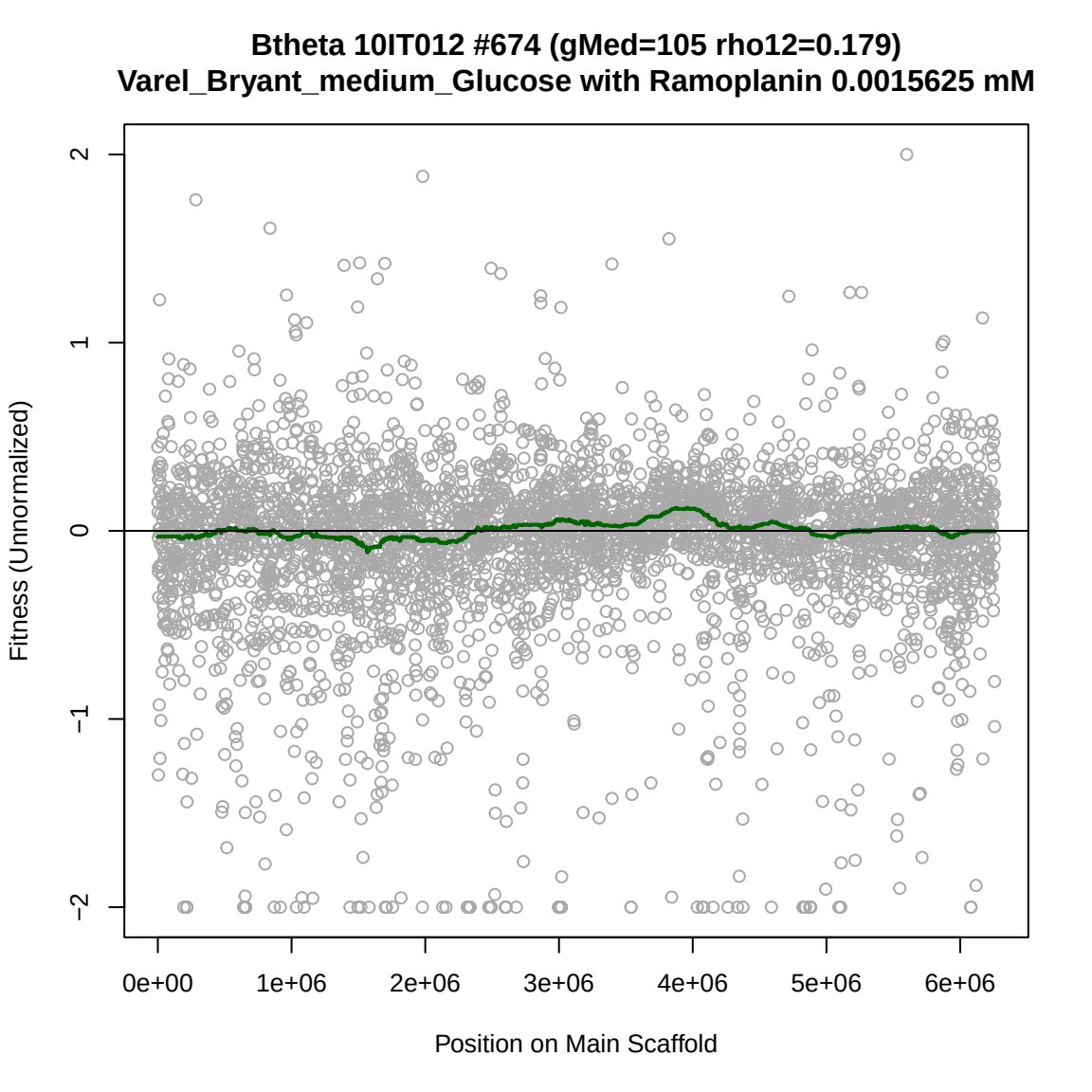

Btheta 10IT007 #669 (gMed=131 rho12=0.191)
Varel_Bryant_medium_Glucose with Thioridazine 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

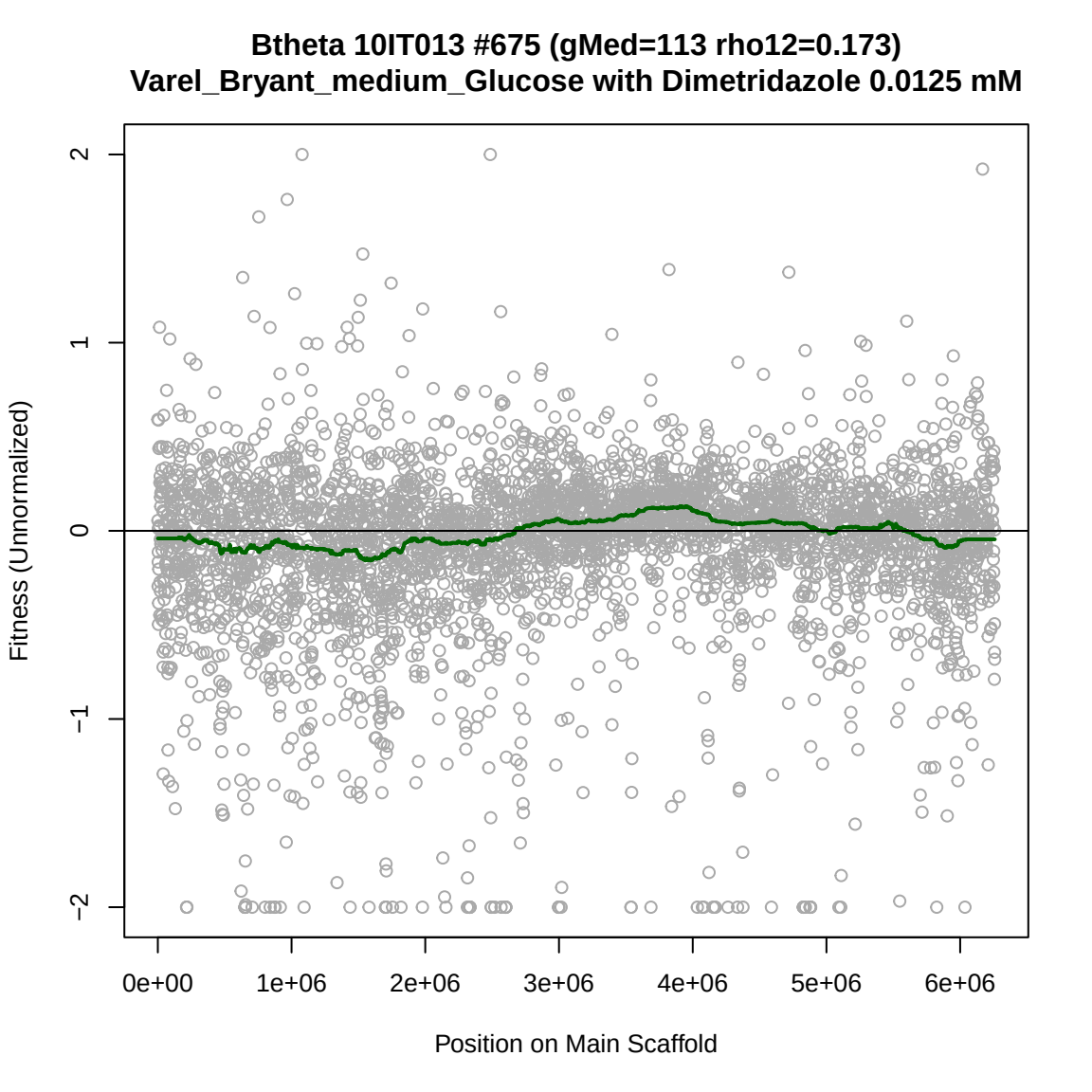

Btheta 10IT008 #670 (gMed=108 rho12=0.169)
Varel_Bryant_medium_Glucose with Anhydrotetracycline 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

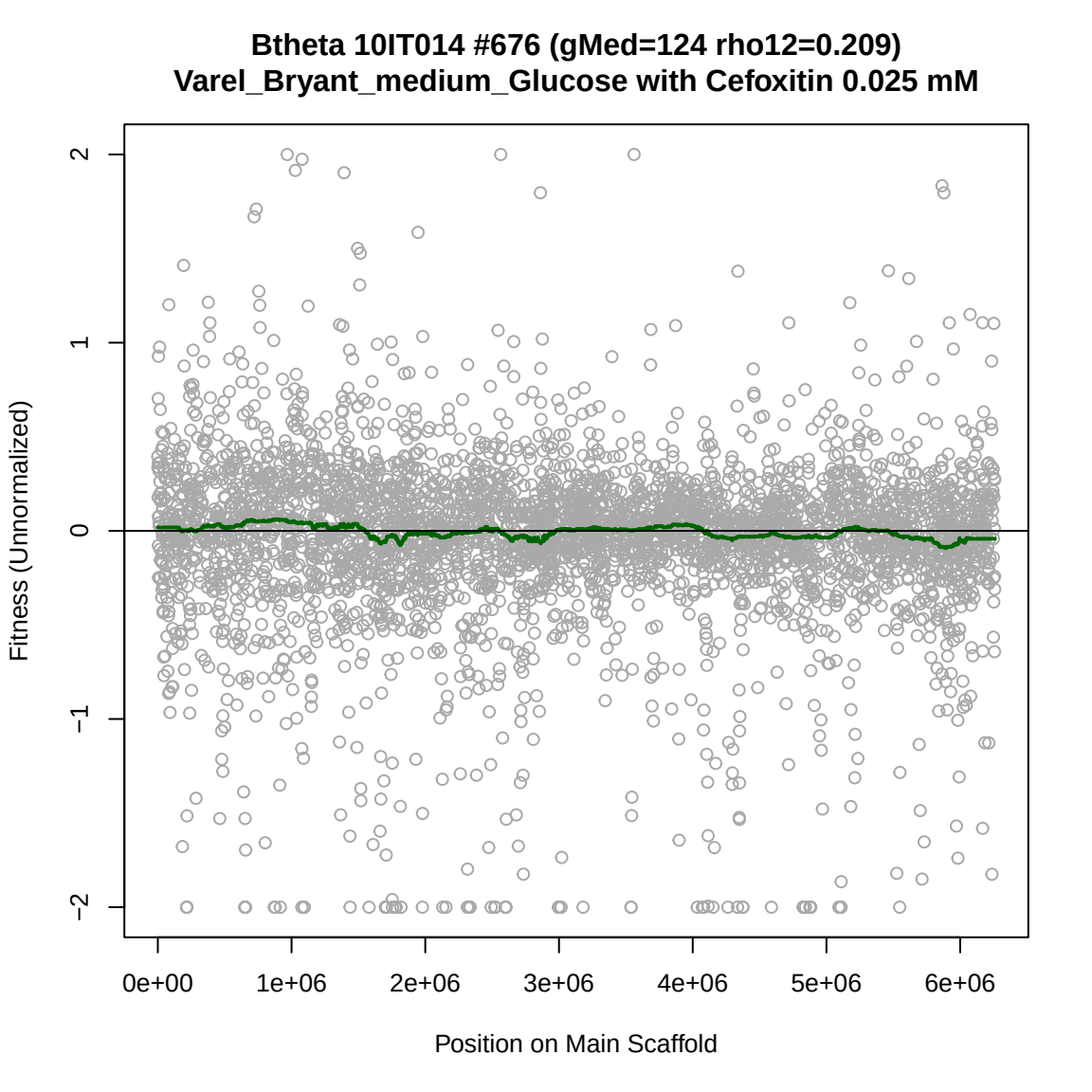

Btheta 10IT009 #671 (gMed=4 rho12=0.065)
Varel_Bryant_medium_Glucose with Rifampicin 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

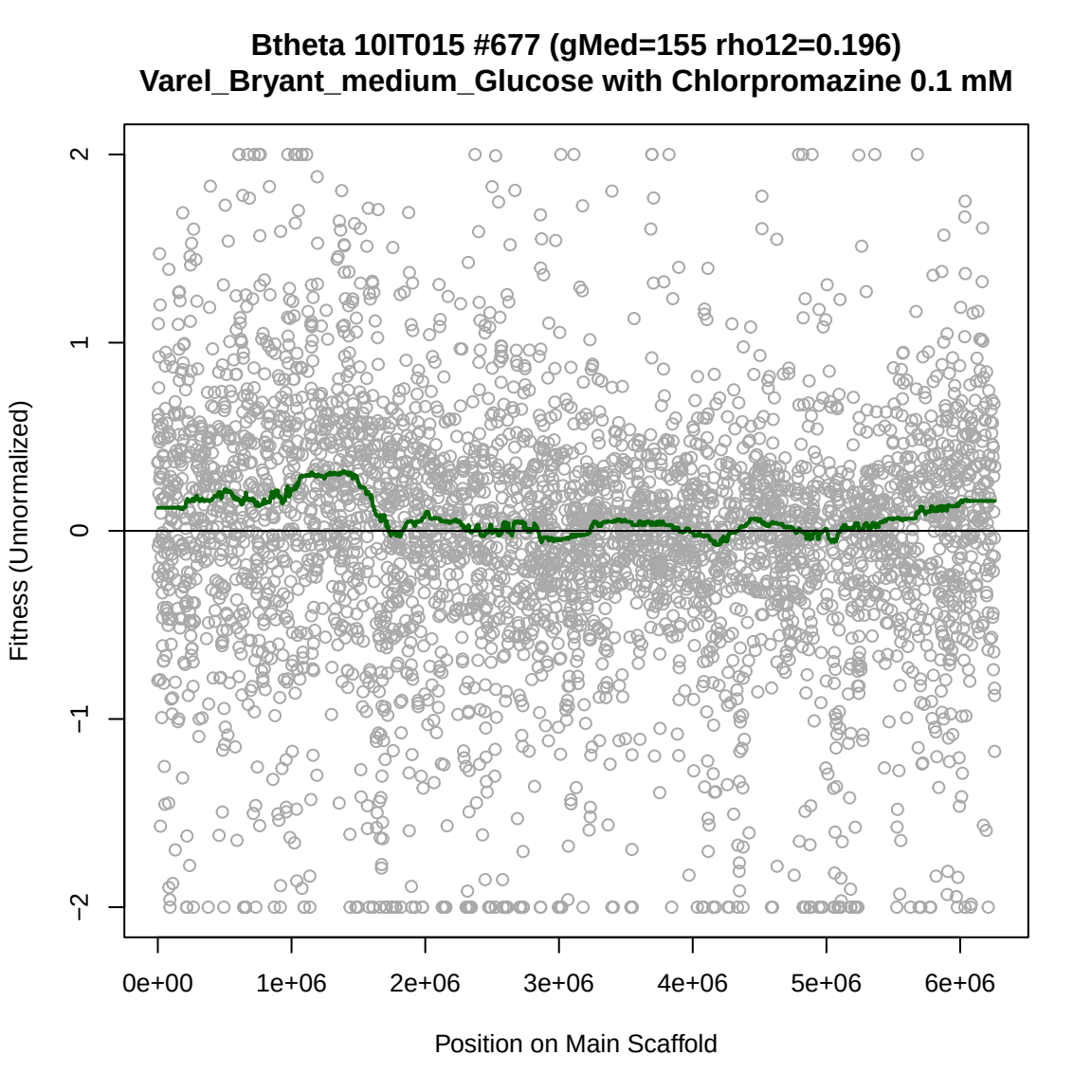

Btheta 10IT010 #672 (gMed=124 rho12=0.163)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

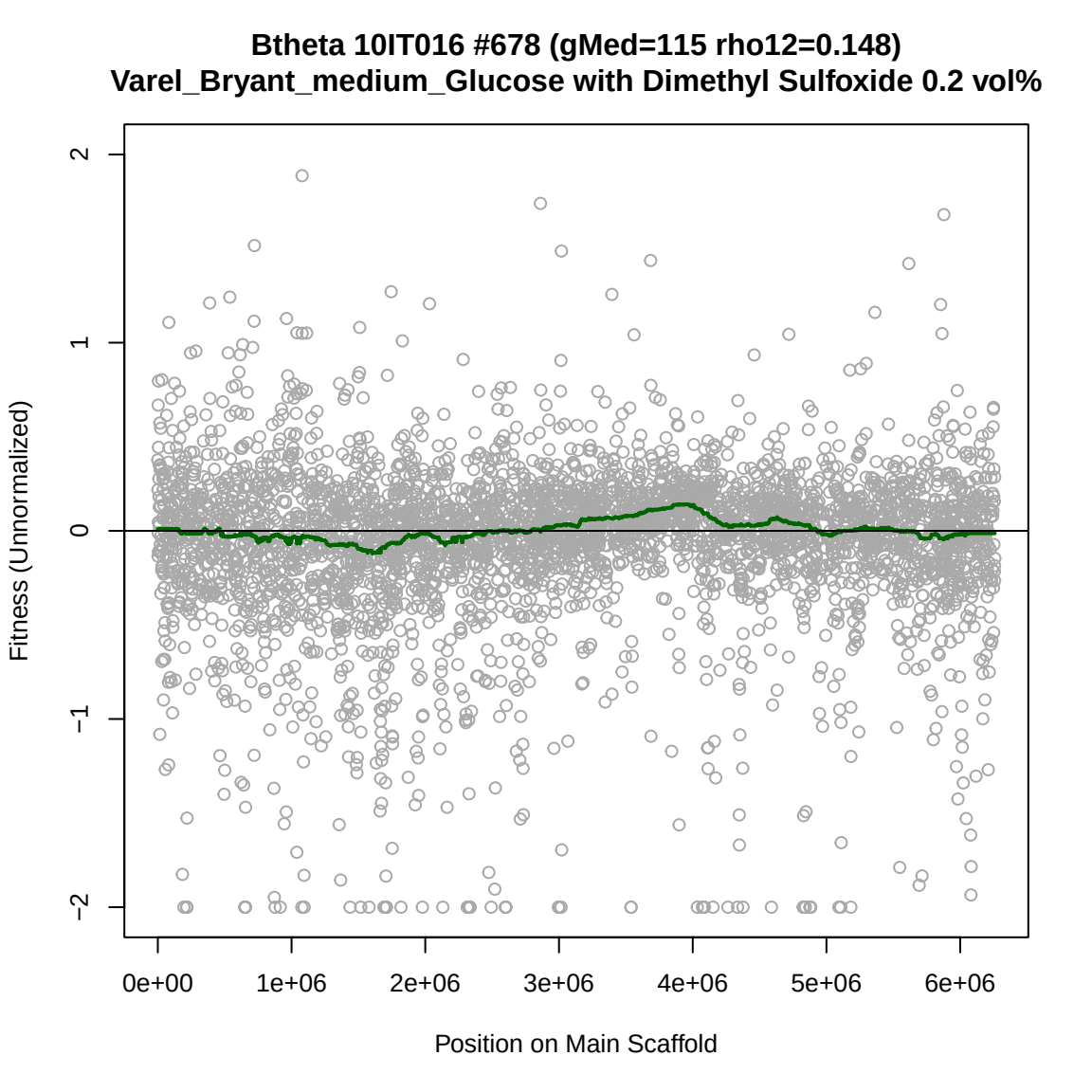

Btheta 10IT011 #673 (gMed=99 rho12=0.147)
Varel_Bryant_medium_Glucose with Irgasan 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

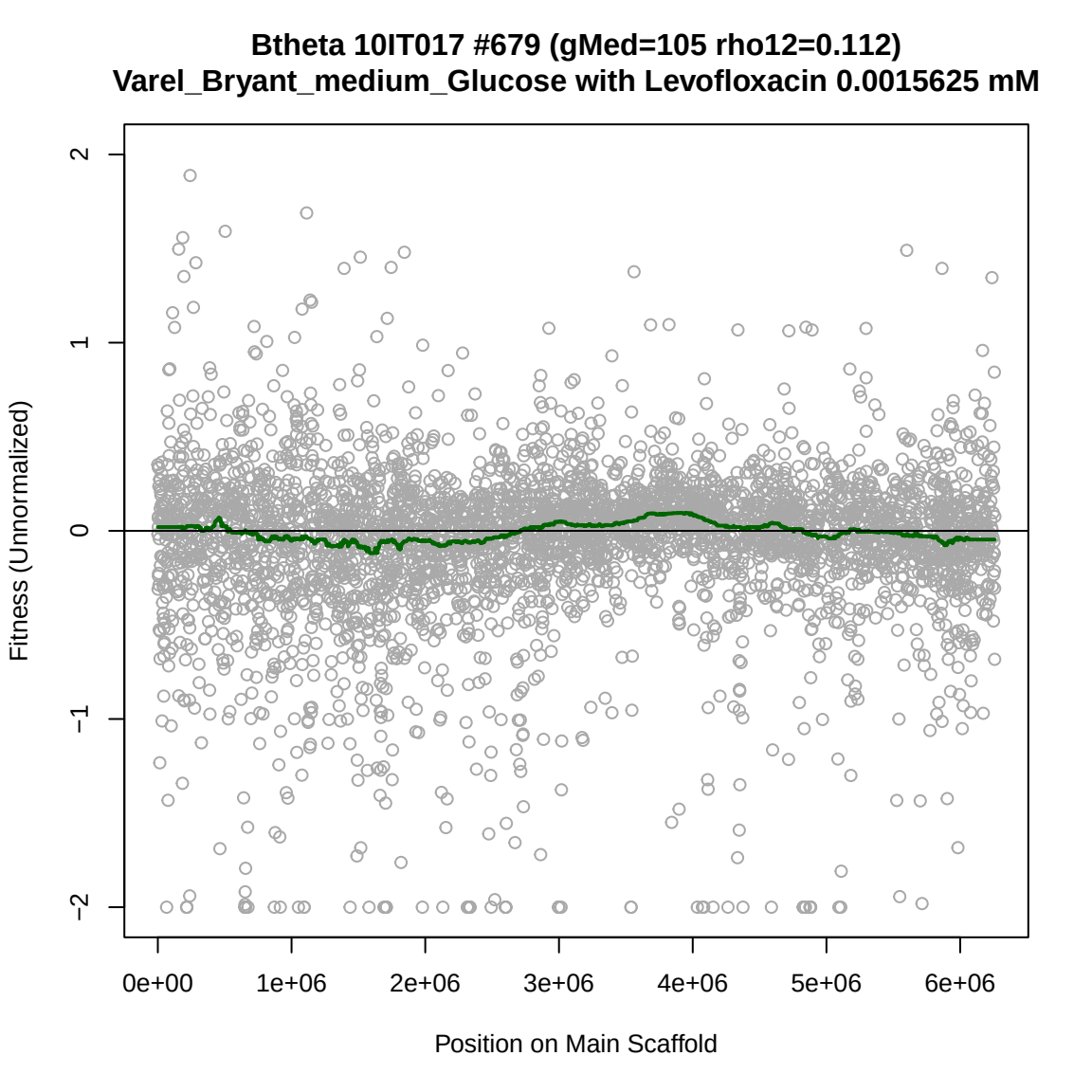

Btheta 10IT012 #674 (gMed=105 rho12=0.179)
Varel_Bryant_medium_Glucose with Ramoplanin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

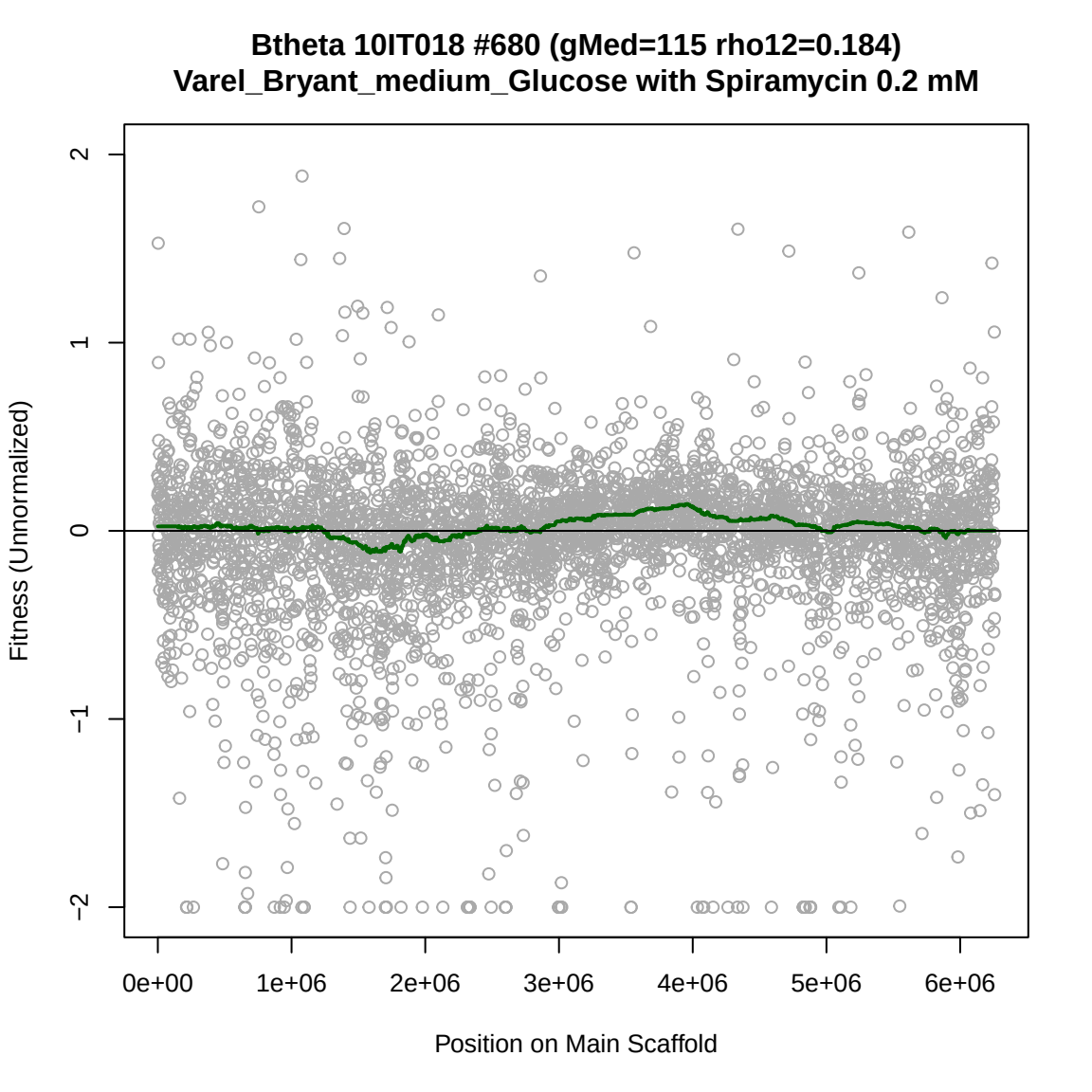

Btheta 10IT013 #675 (gMed=113 rho12=0.173)
Varel_Bryant_medium_Glucose with Dimetridazole 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

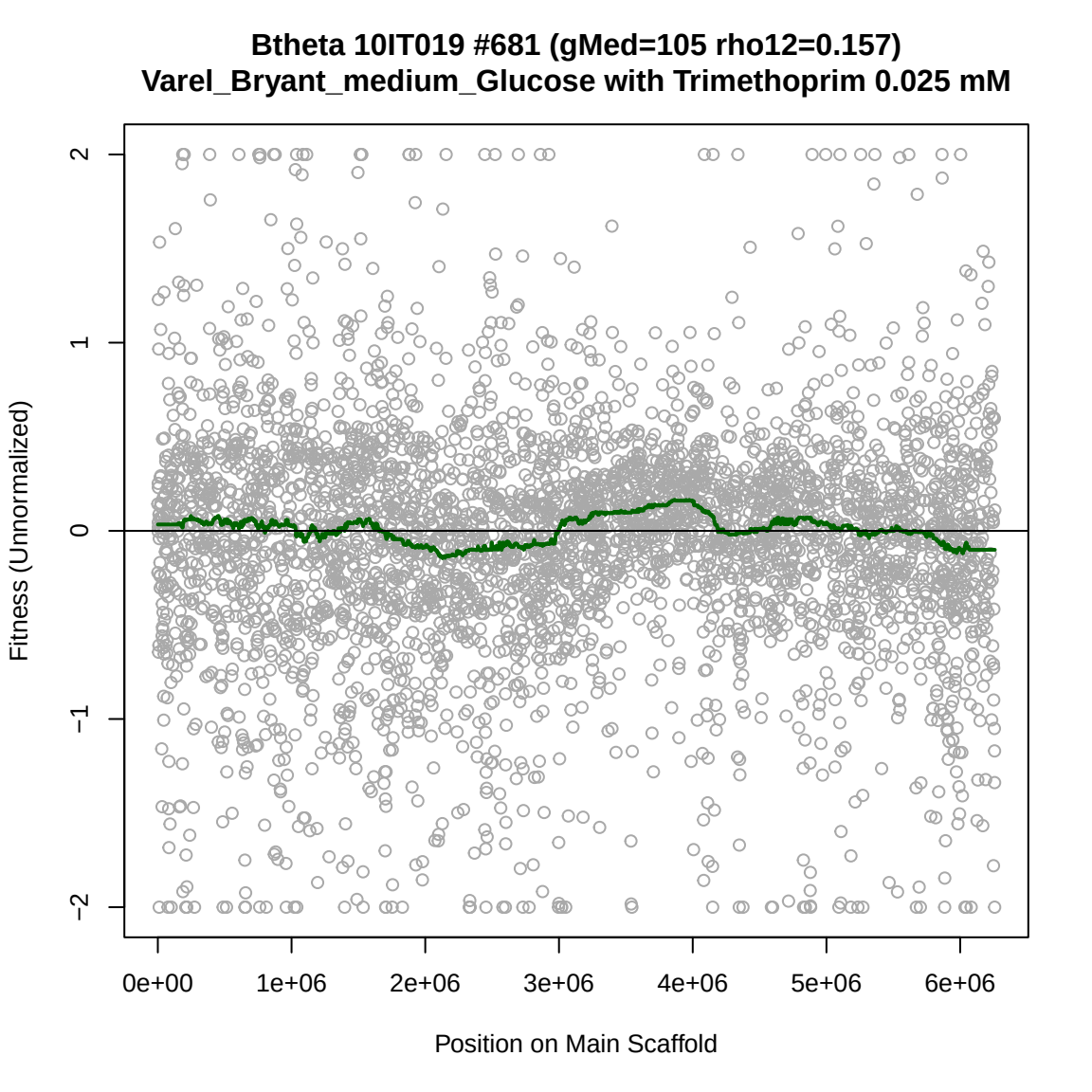

Btheta 10IT014 #676 (gMed=124 rho12=0.209)
Varel_Bryant_medium_Glucose with Cefoxitin 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

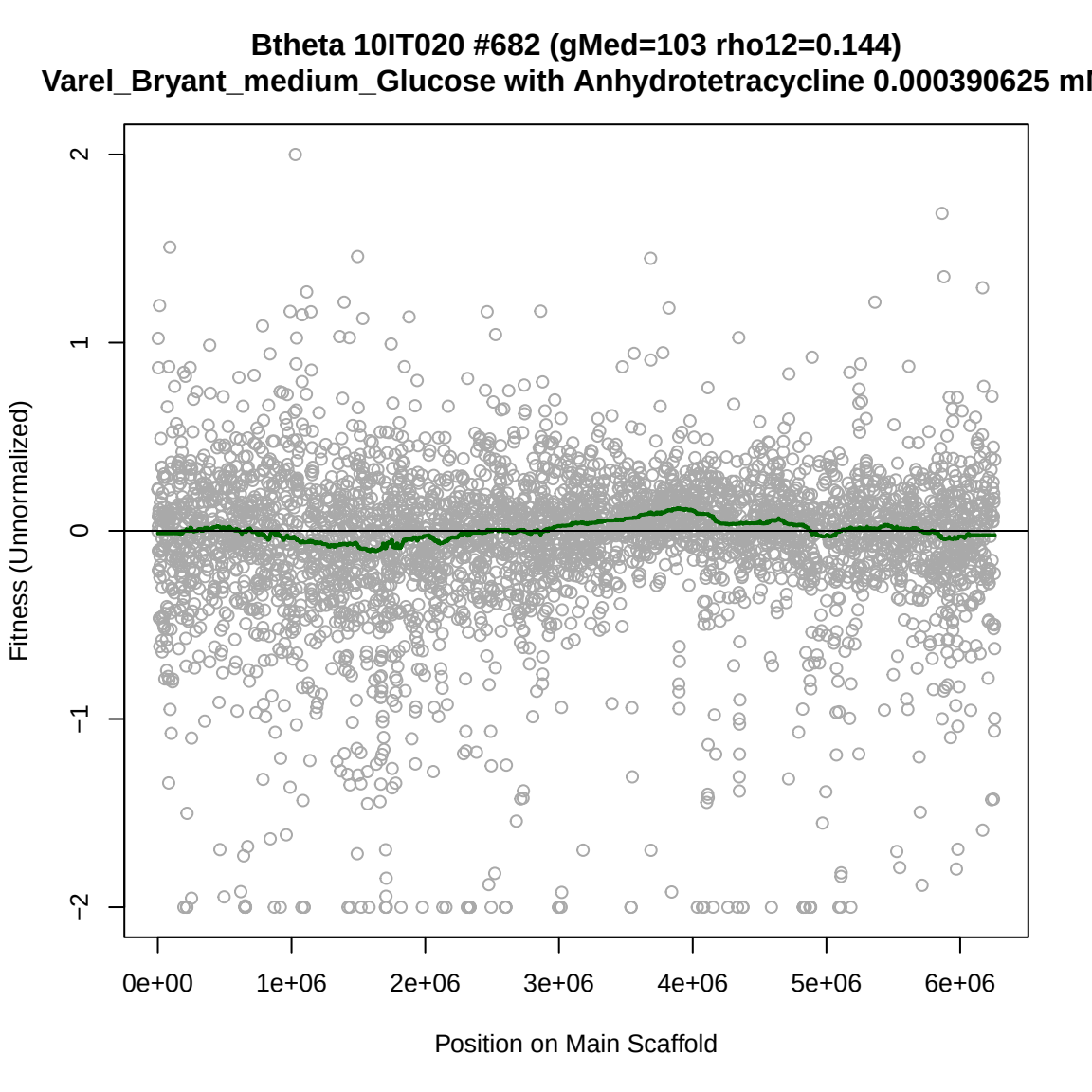

Btheta 10IT015 #677 (gMed=155 rho12=0.196)
Varel_Bryant_medium_Glucose with Chlorpromazine 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

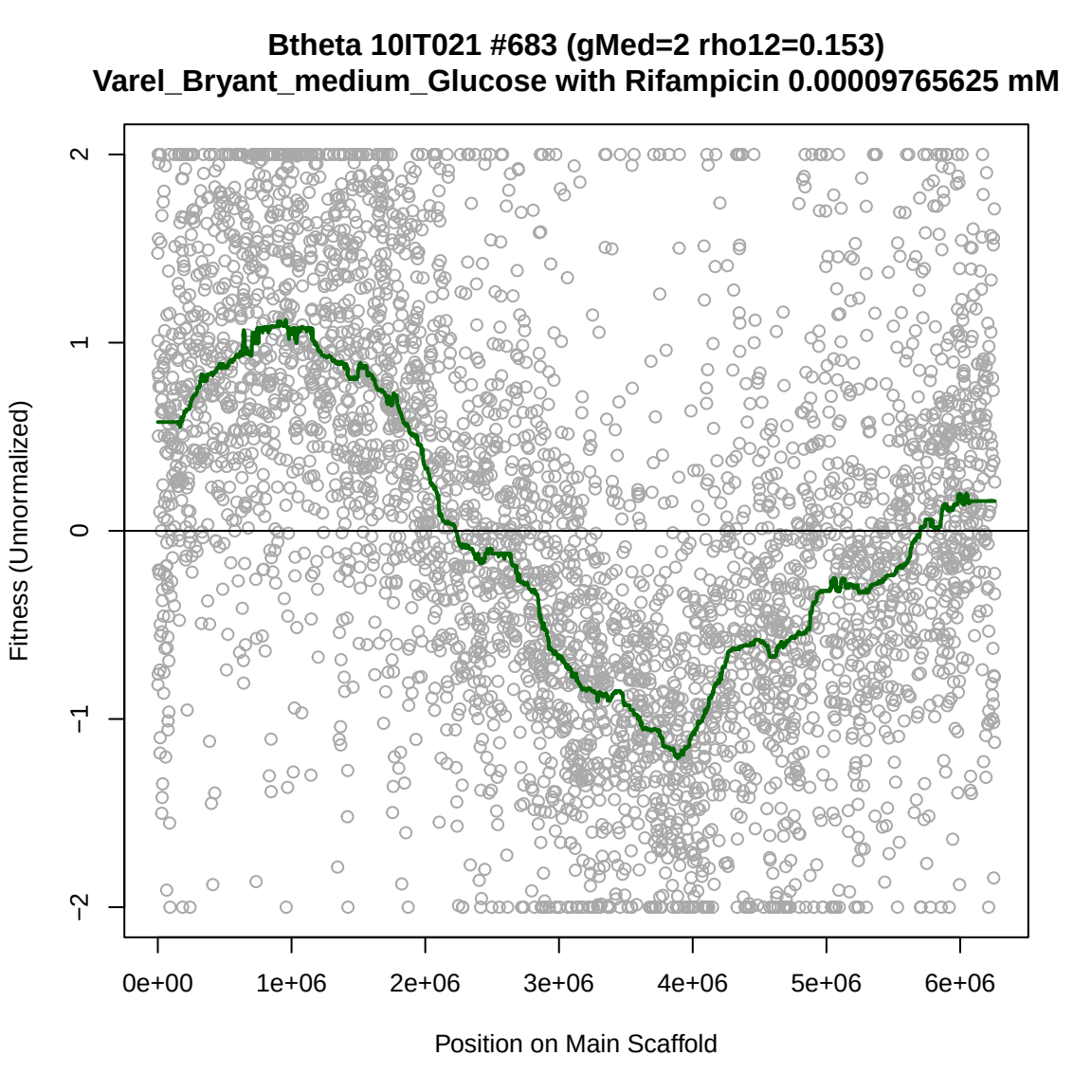

Btheta 10IT016 #678 (gMed=115 rho12=0.148)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

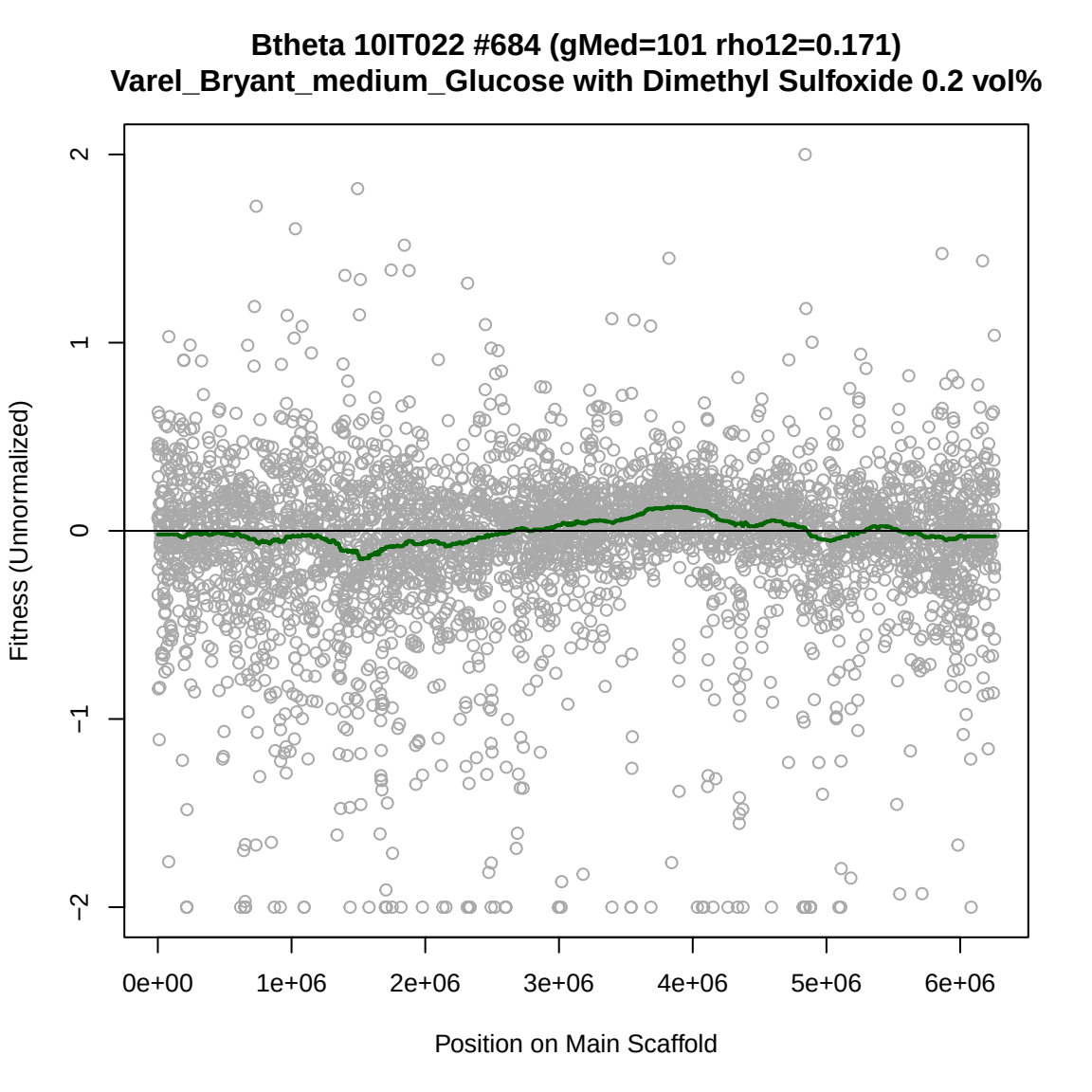

Btheta 10IT017 #679 (gMed=105 rho12=0.112)
Varel_Bryant_medium_Glucose with Levofloxacin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

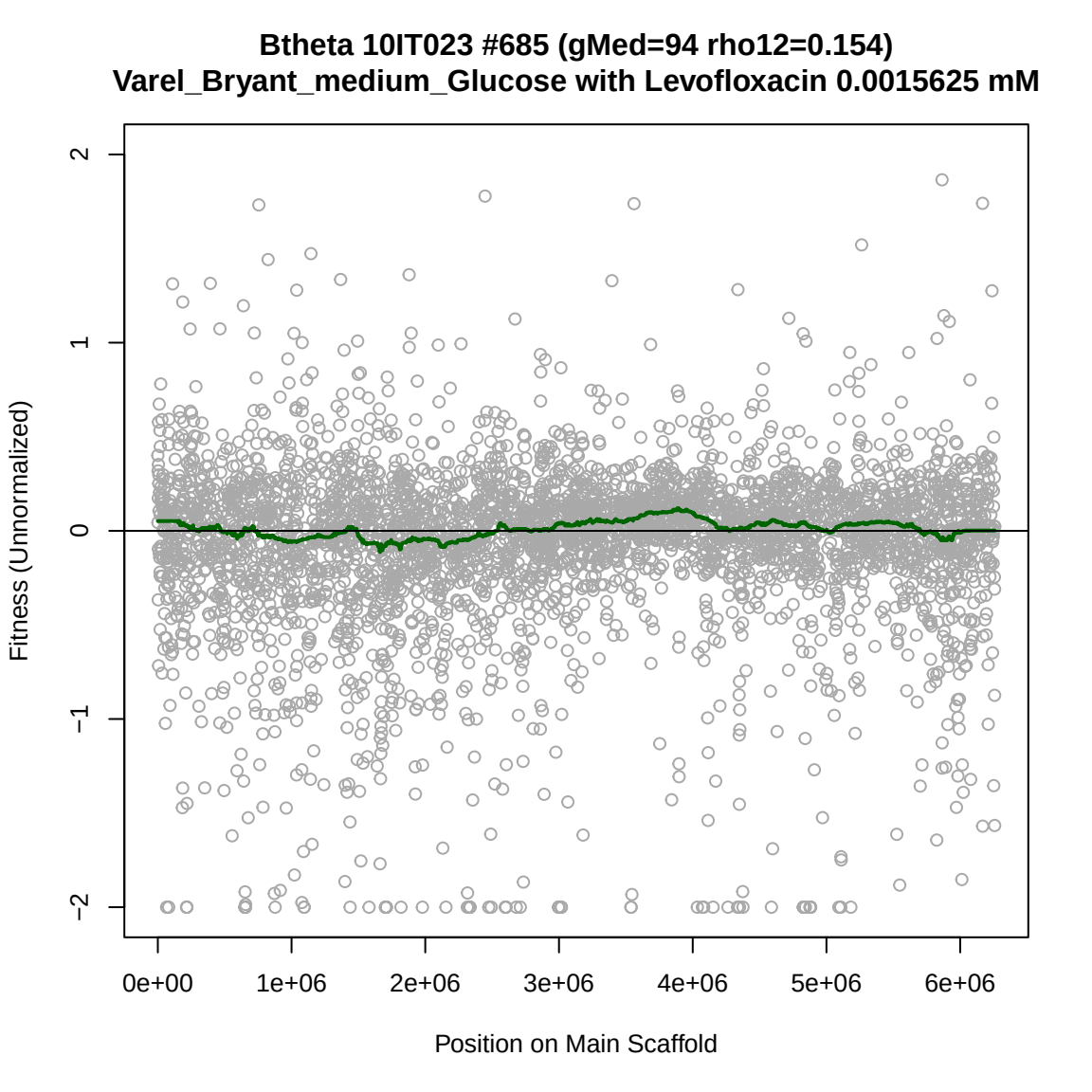

Btheta 10IT018 #680 (gMed=115 rho12=0.184)
Varel_Bryant_medium_Glucose with Spiramycin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

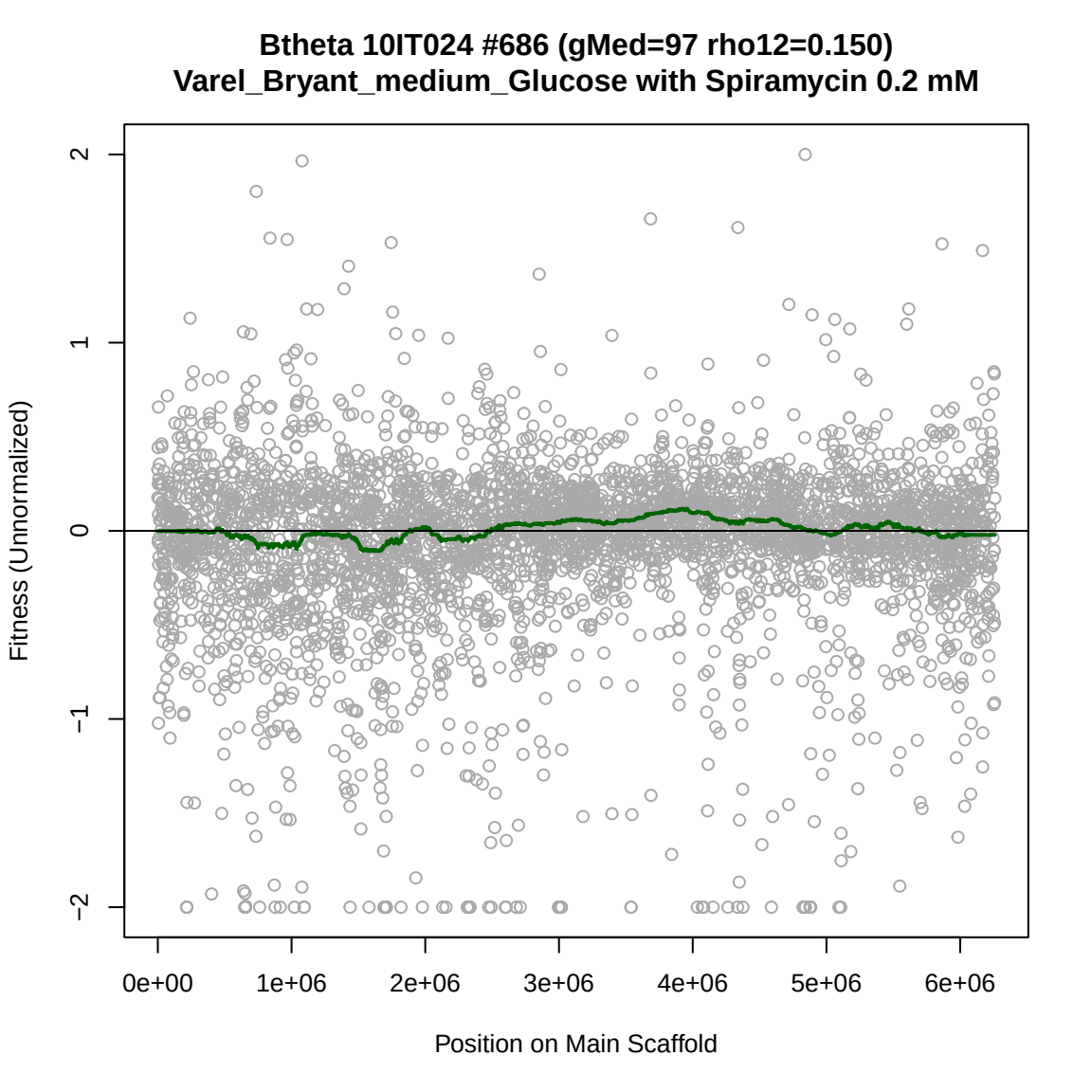

Btheta 10IT019 #681 (gMed=105 rho12=0.157)
Varel_Bryant_medium_Glucose with Trimethoprim 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

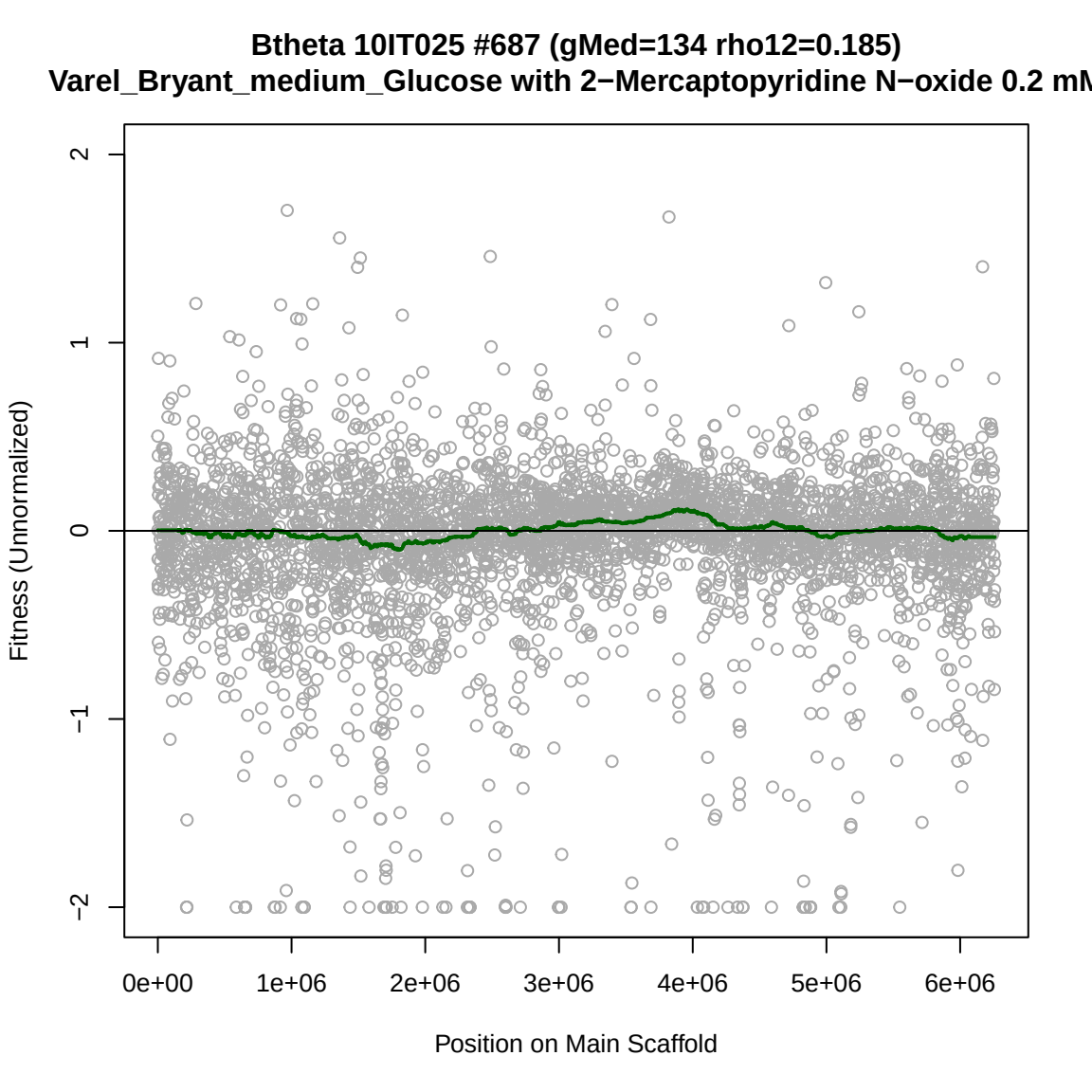

Btheta 10IT020 #682 (gMed=103 rho12=0.144)
Varel_Bryant_medium_Glucose with Anhydrotetracycline 0.000390625 ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

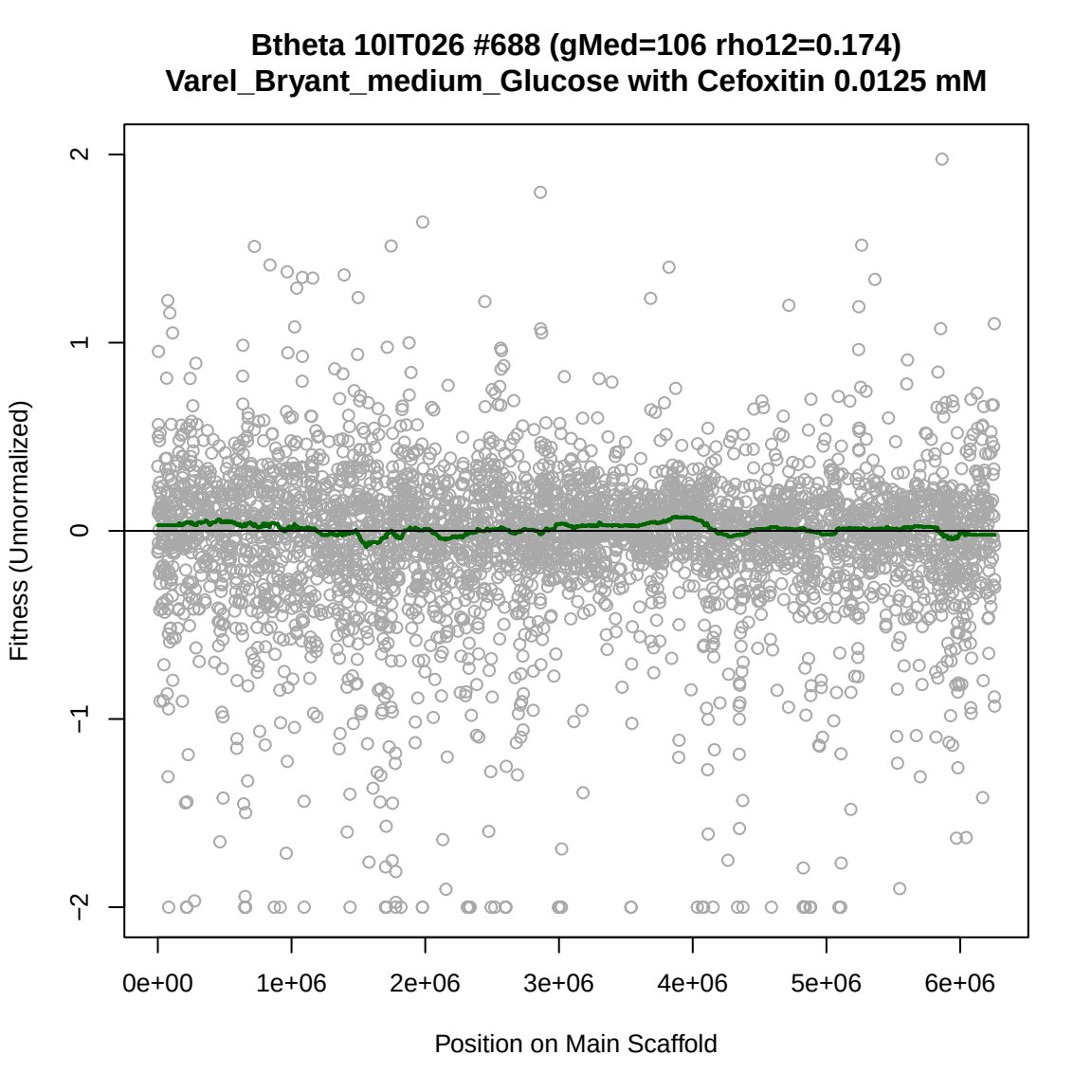

Btheta 10IT021 #683 (gMed=2 rho12=0.153)
Varel_Bryant_medium_Glucose with Rifampicin 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

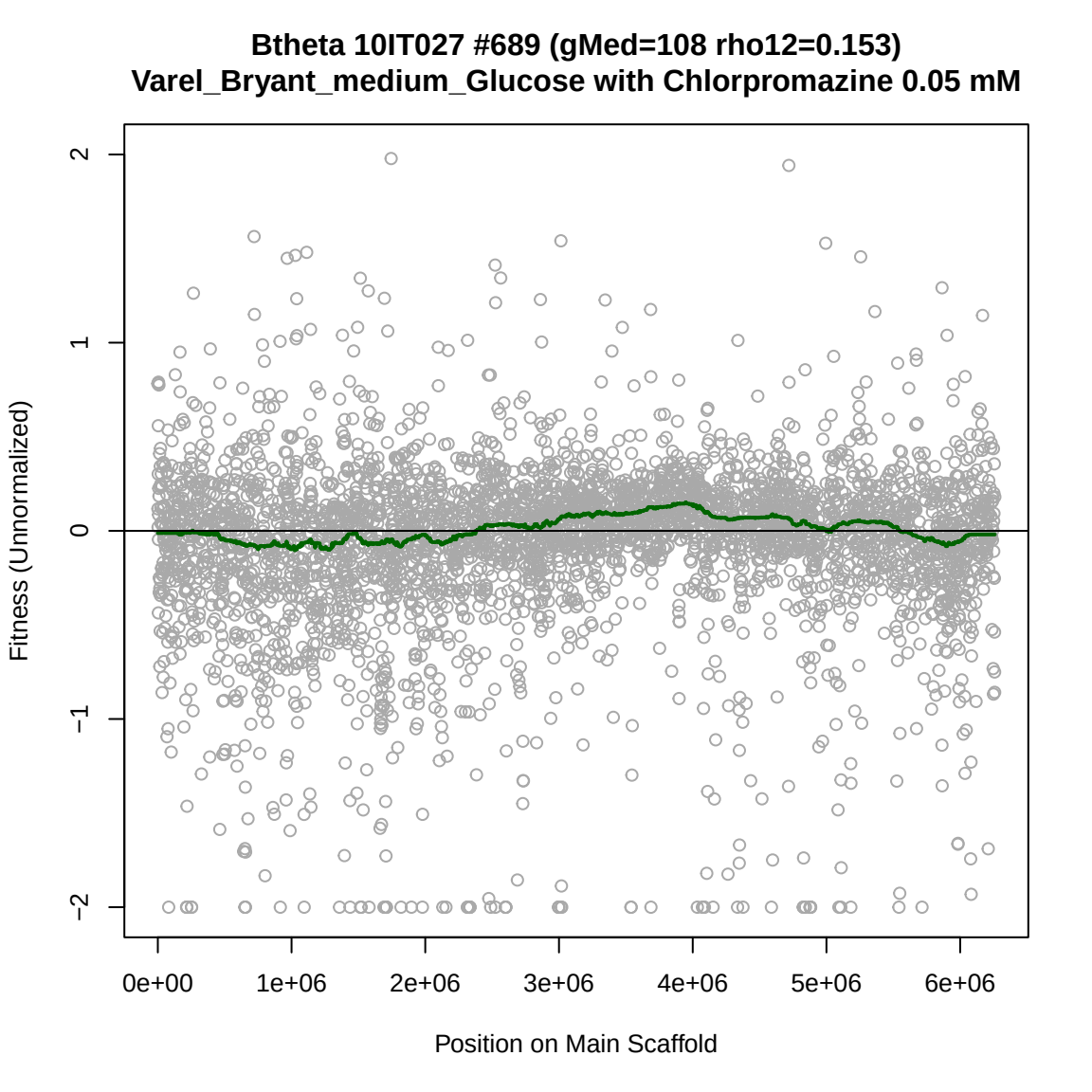

Btheta 10IT022 #684 (gMed=101 rho12=0.171)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

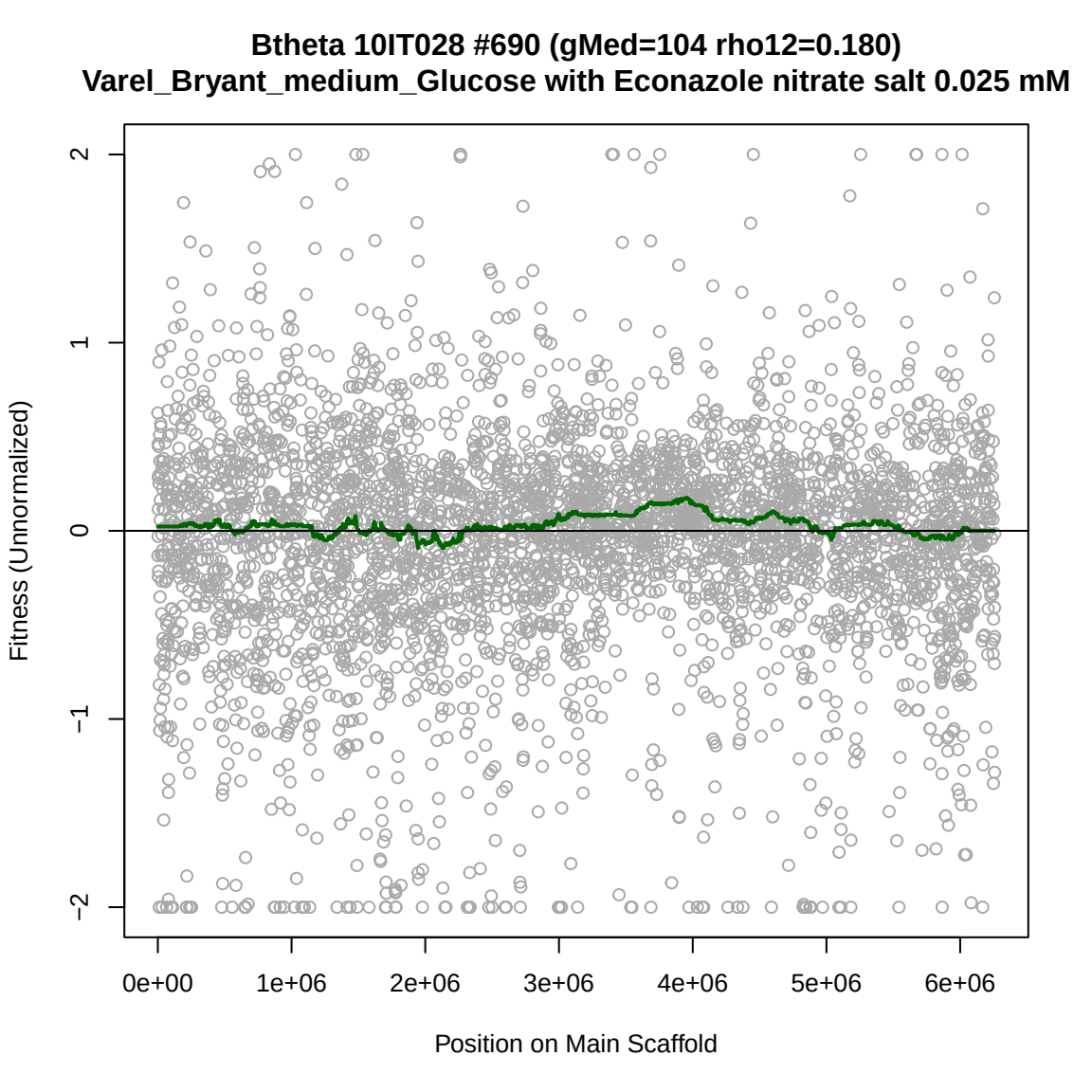

Btheta 10IT023 #685 (gMed=94 rho12=0.154)
Varel_Bryant_medium_Glucose with Levofloxacin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

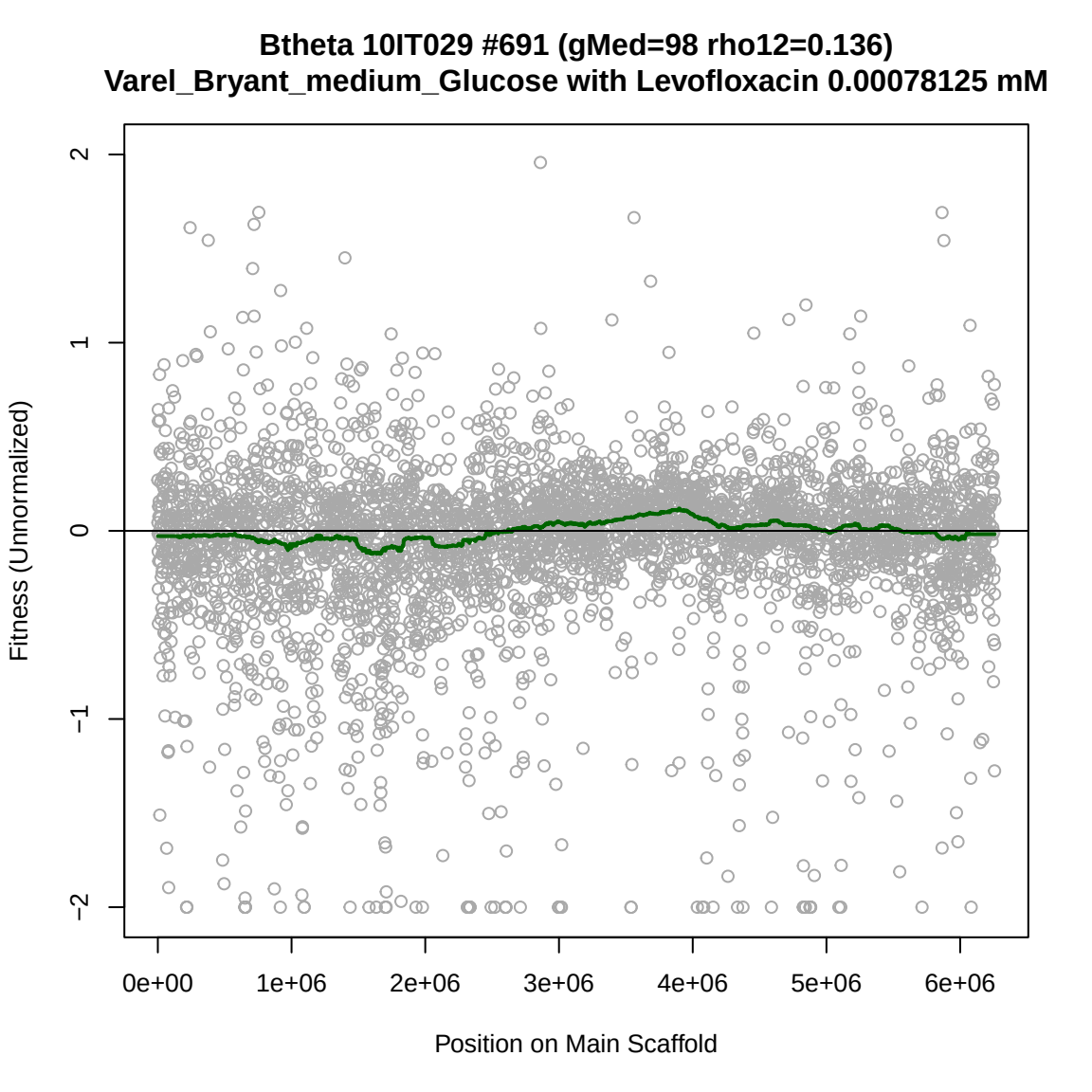

Btheta 10IT024 #686 (gMed=97 rho12=0.150)
Varel_Bryant_medium_Glucose with Spiramycin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

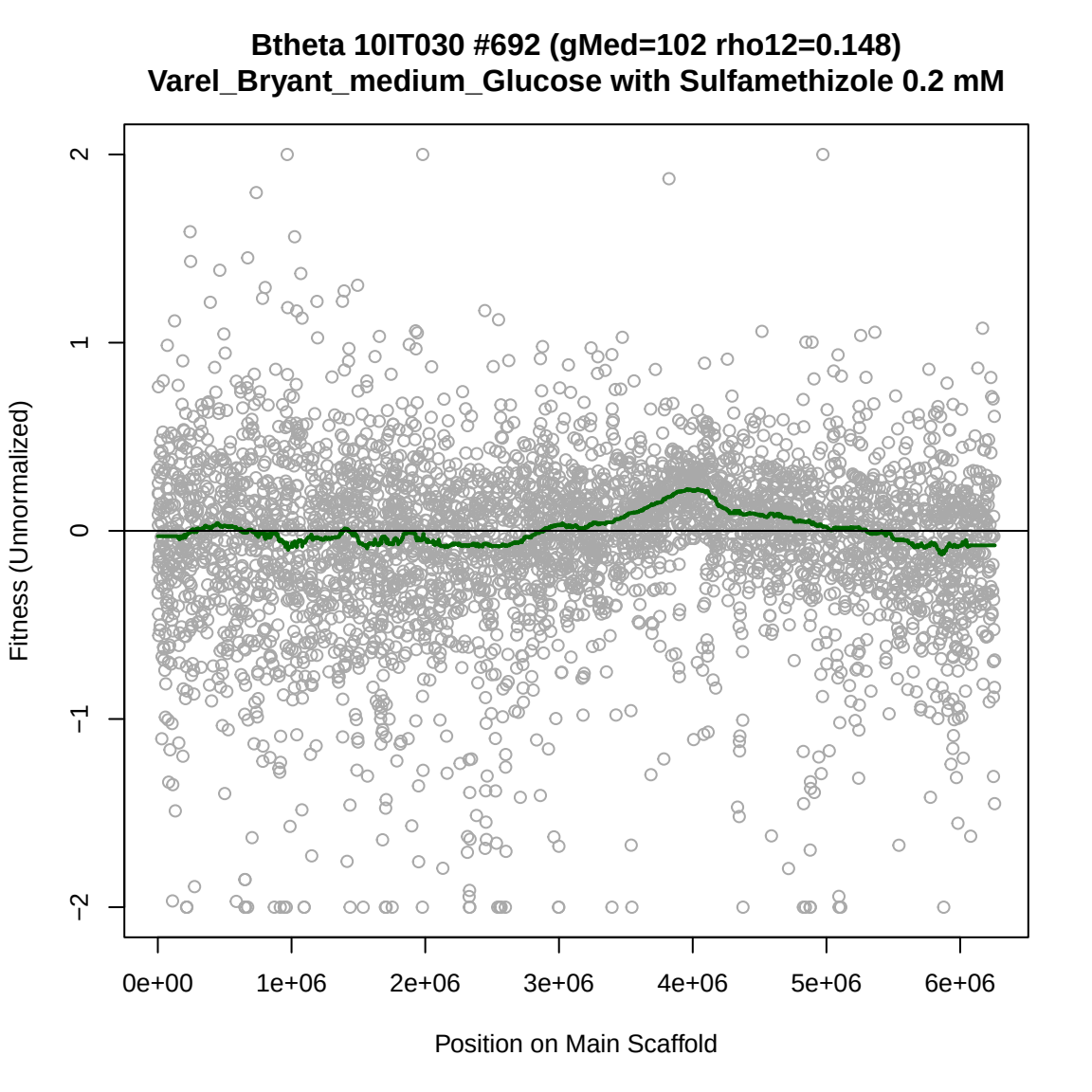

Btheta 10IT025 #687 (gMed=134 rho12=0.185)
Varel_Bryant_medium_Glucose with 2−Mercaptopyridine N−oxide 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

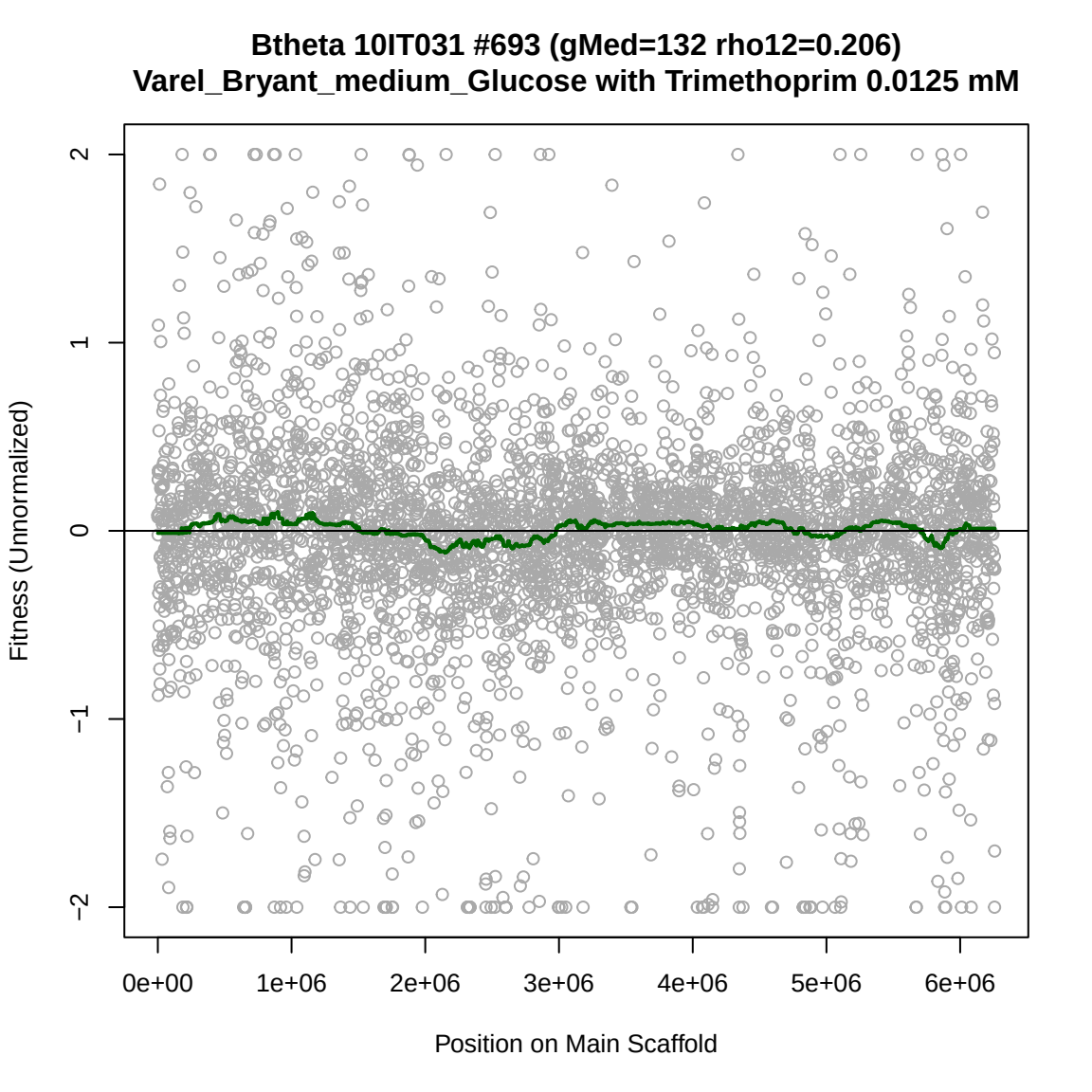

Btheta 10IT026 #688 (gMed=106 rho12=0.174)
Varel_Bryant_medium_Glucose with Cefoxitin 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

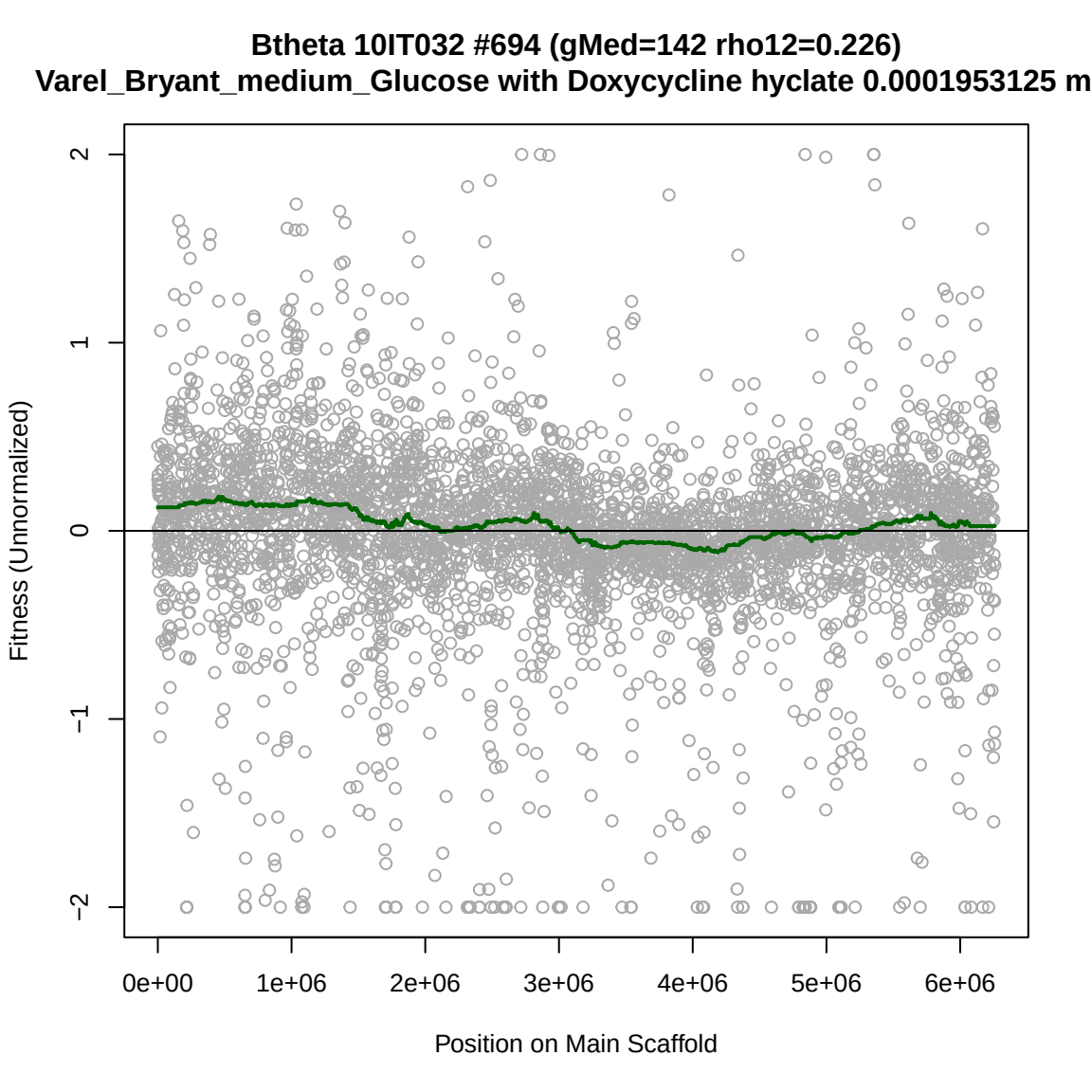

Btheta 10IT027 #689 (gMed=108 rho12=0.153)
Varel_Bryant_medium_Glucose with Chlorpromazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

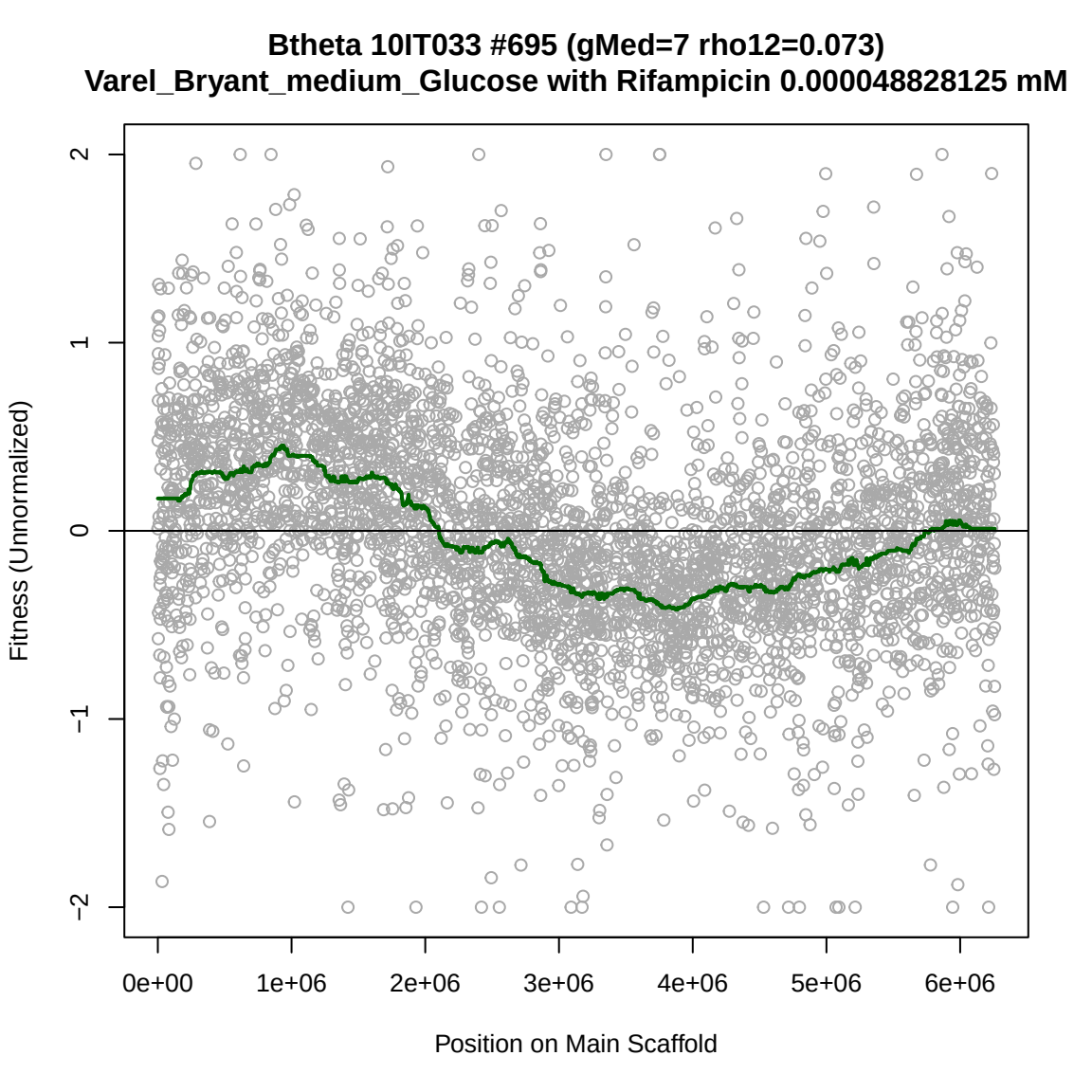

Btheta 10IT028 #690 (gMed=104 rho12=0.180)
Varel_Bryant_medium_Glucose with Econazole nitrate salt 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

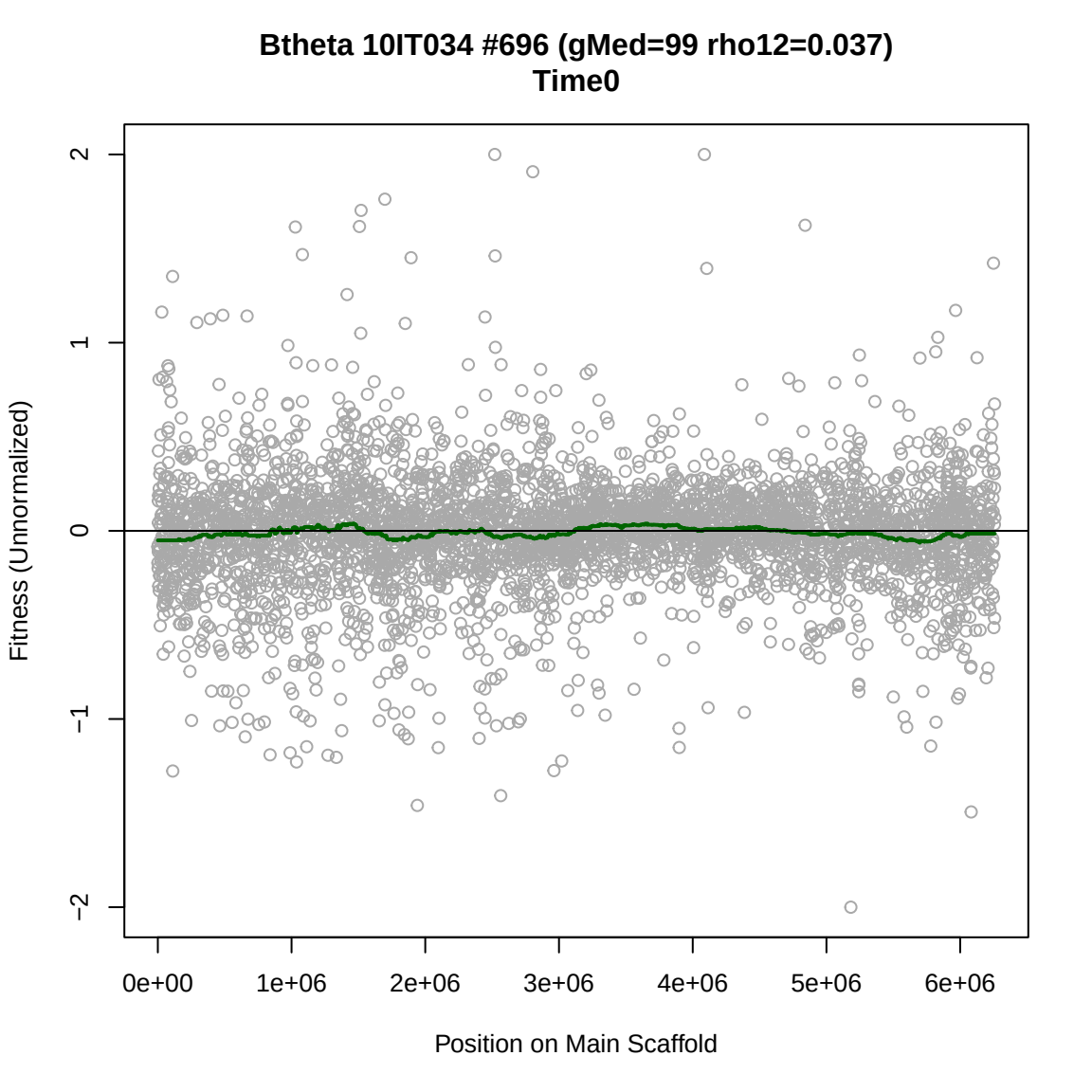

Btheta 10IT029 #691 (gMed=98 rho12=0.136)
Varel_Bryant_medium_Glucose with Levofloxacin 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

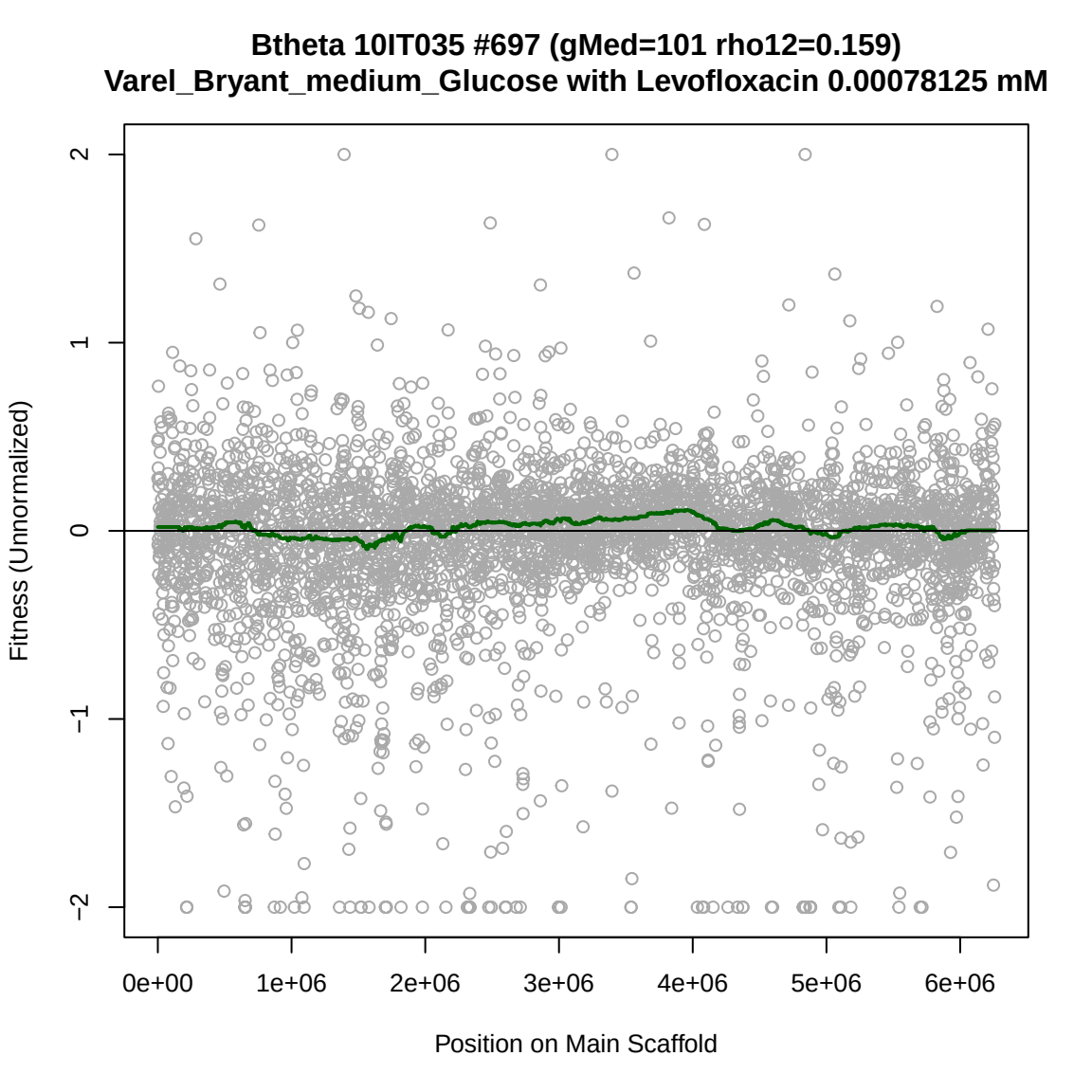

Btheta 10IT030 #692 (gMed=102 rho12=0.148)
Varel_Bryant_medium_Glucose with Sulfamethizole 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

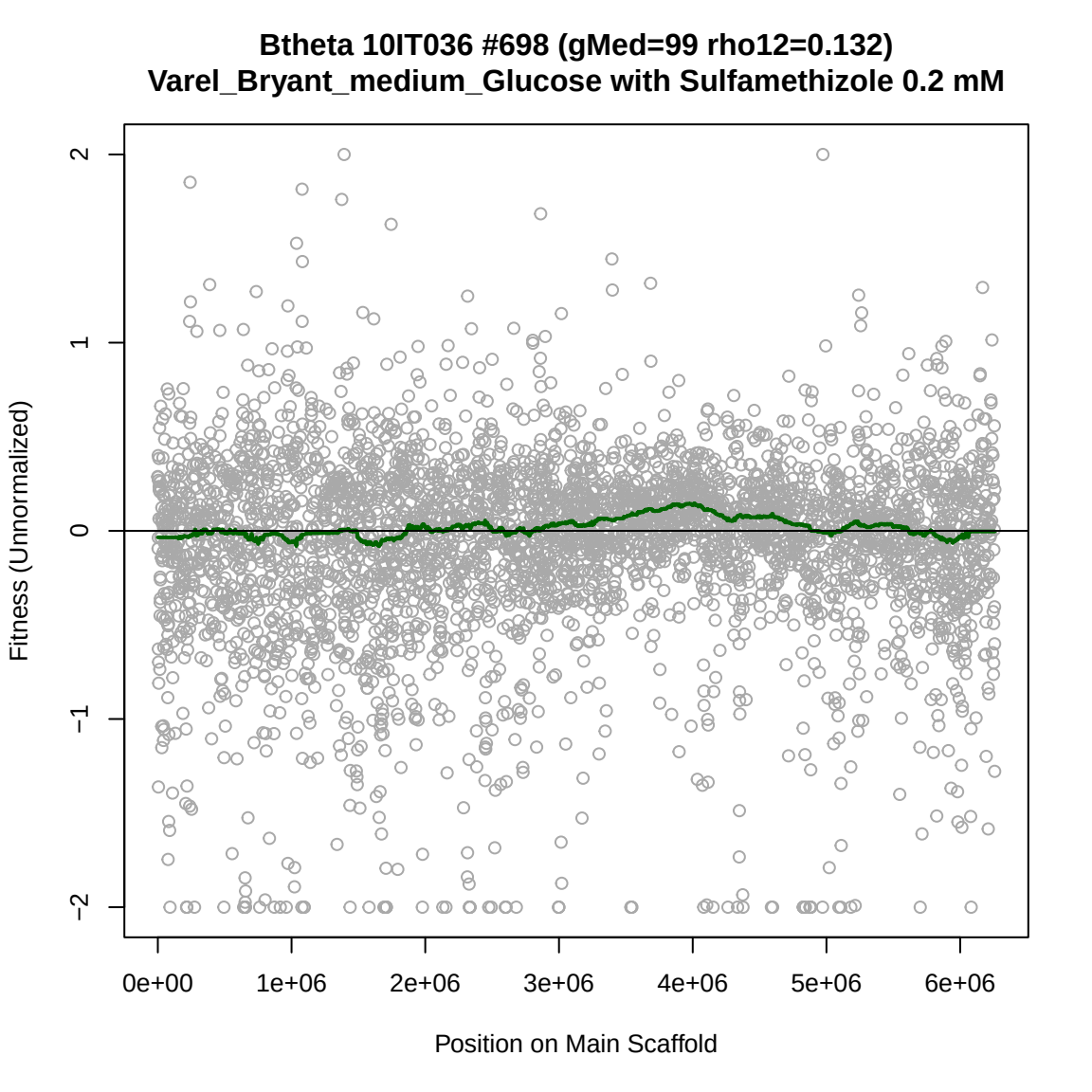

Btheta 10IT031 #693 (gMed=132 rho12=0.206)
Varel_Bryant_medium_Glucose with Trimethoprim 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

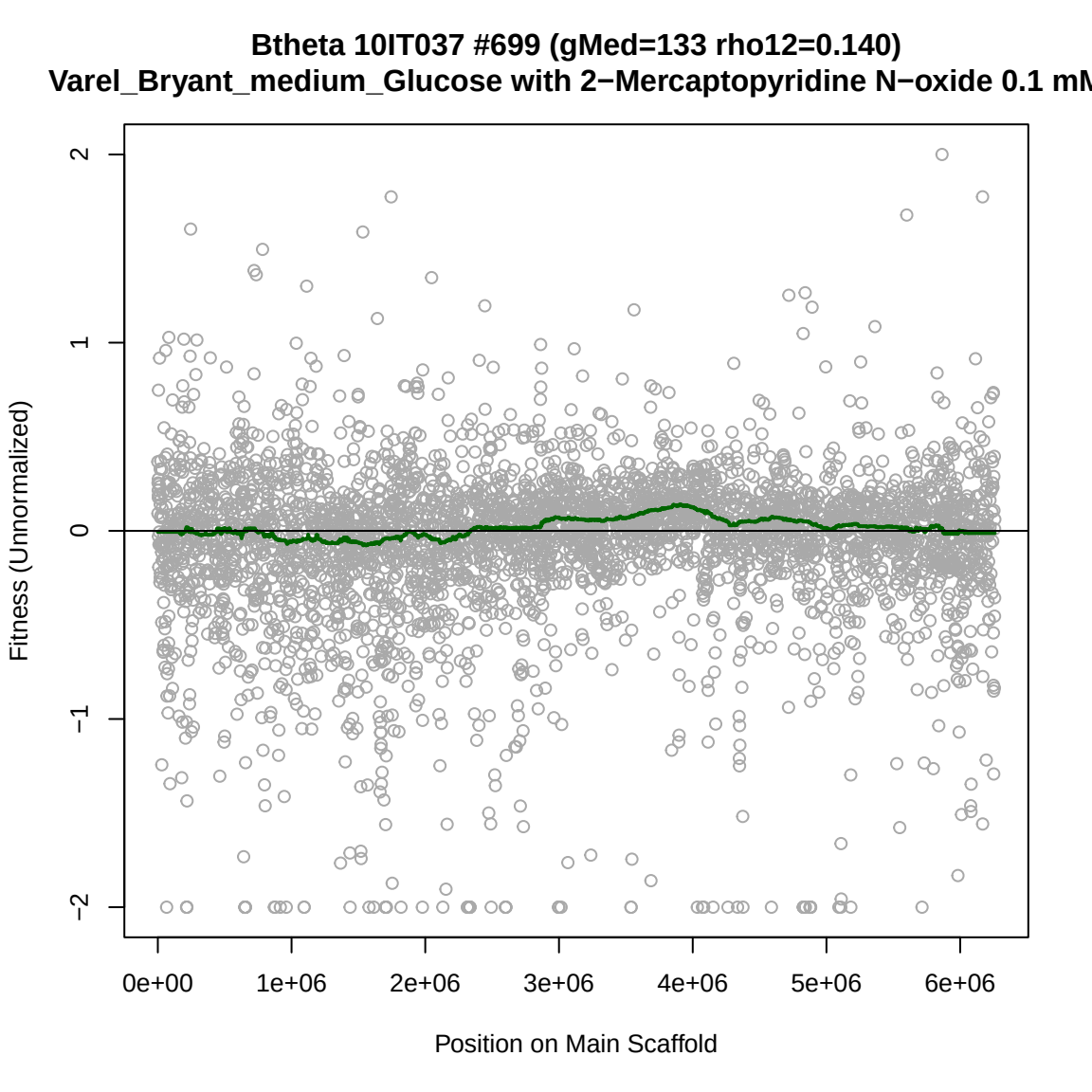

Btheta 10IT032 #694 (gMed=142 rho12=0.226)
Varel_Bryant_medium_Glucose with Doxycycline hyclate 0.0001953125 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

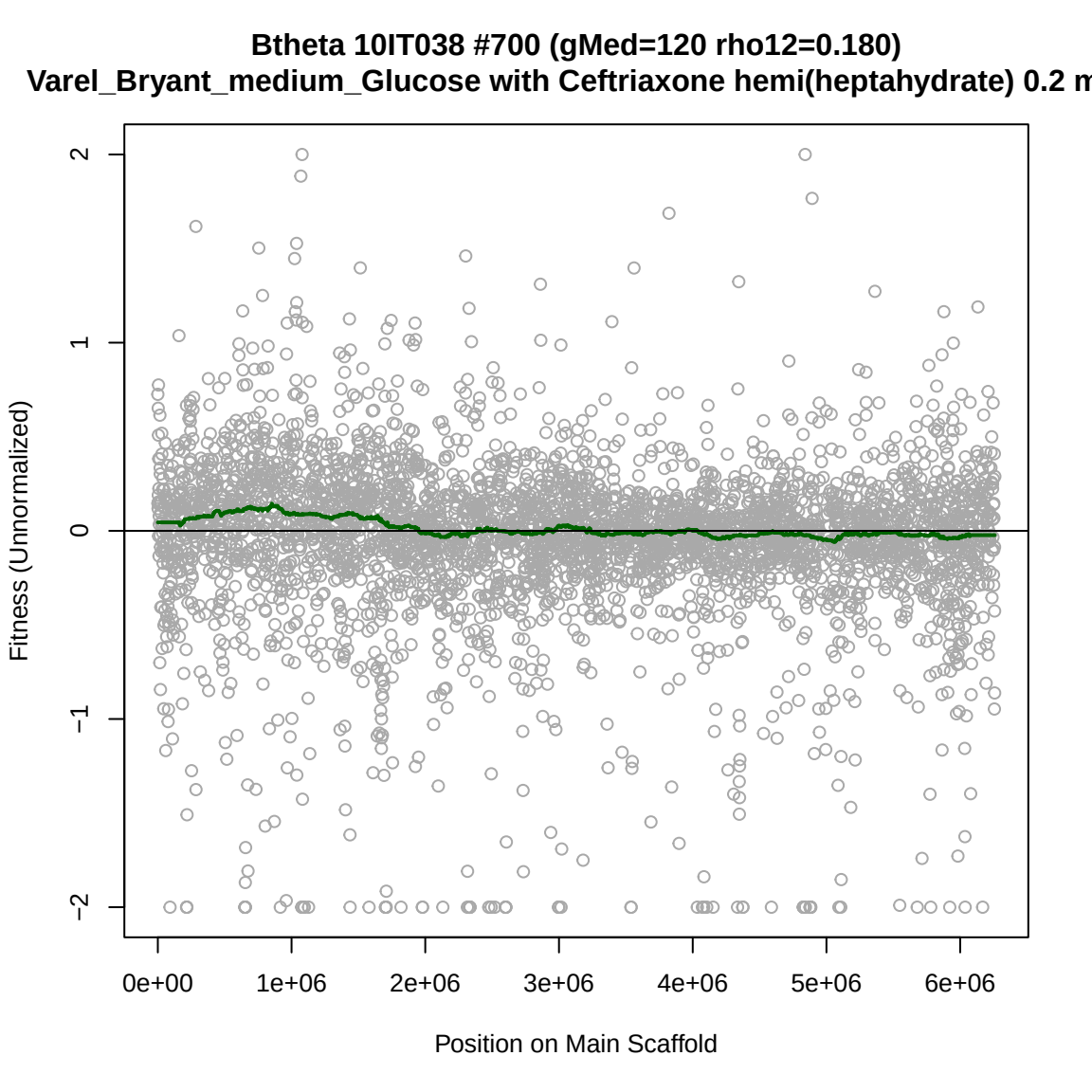

Btheta 10IT033 #695 (gMed=7 rho12=0.073)
Varel_Bryant_medium_Glucose with Rifampicin 0.000048828125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

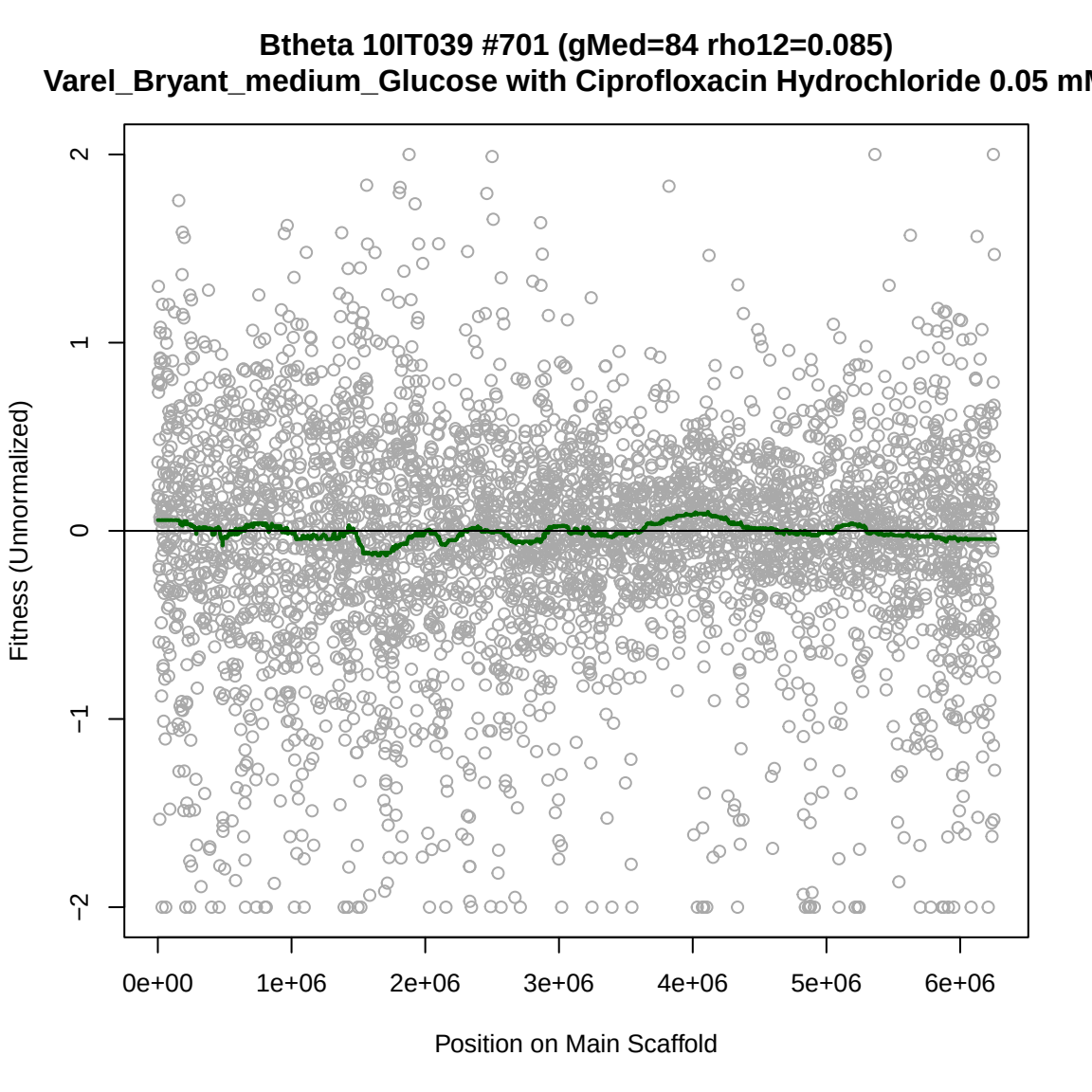

Btheta 10IT034 #696 (gMed=99 rho12=0.037)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

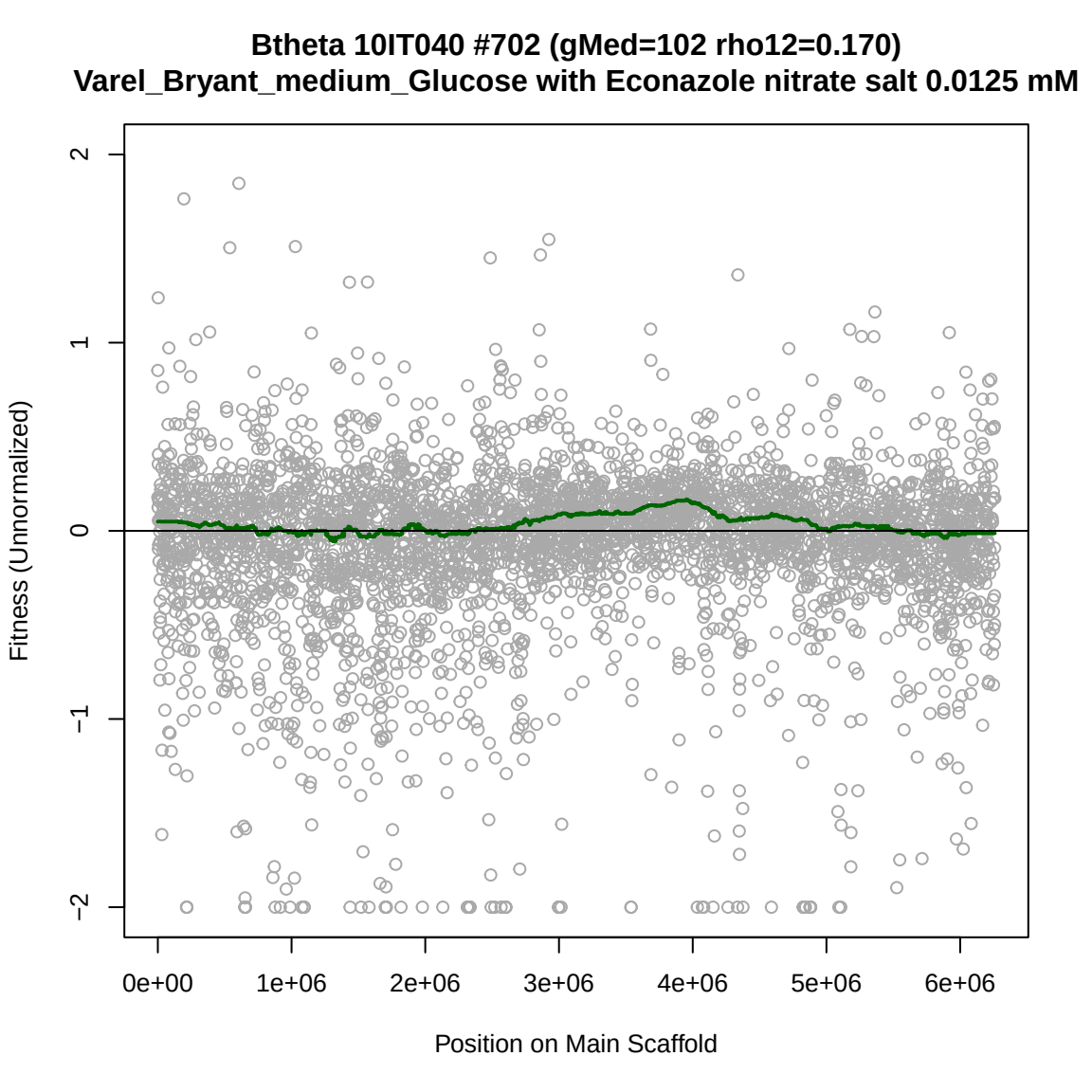

Btheta 10IT035 #697 (gMed=101 rho12=0.159)
Varel_Bryant_medium_Glucose with Levofloxacin 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

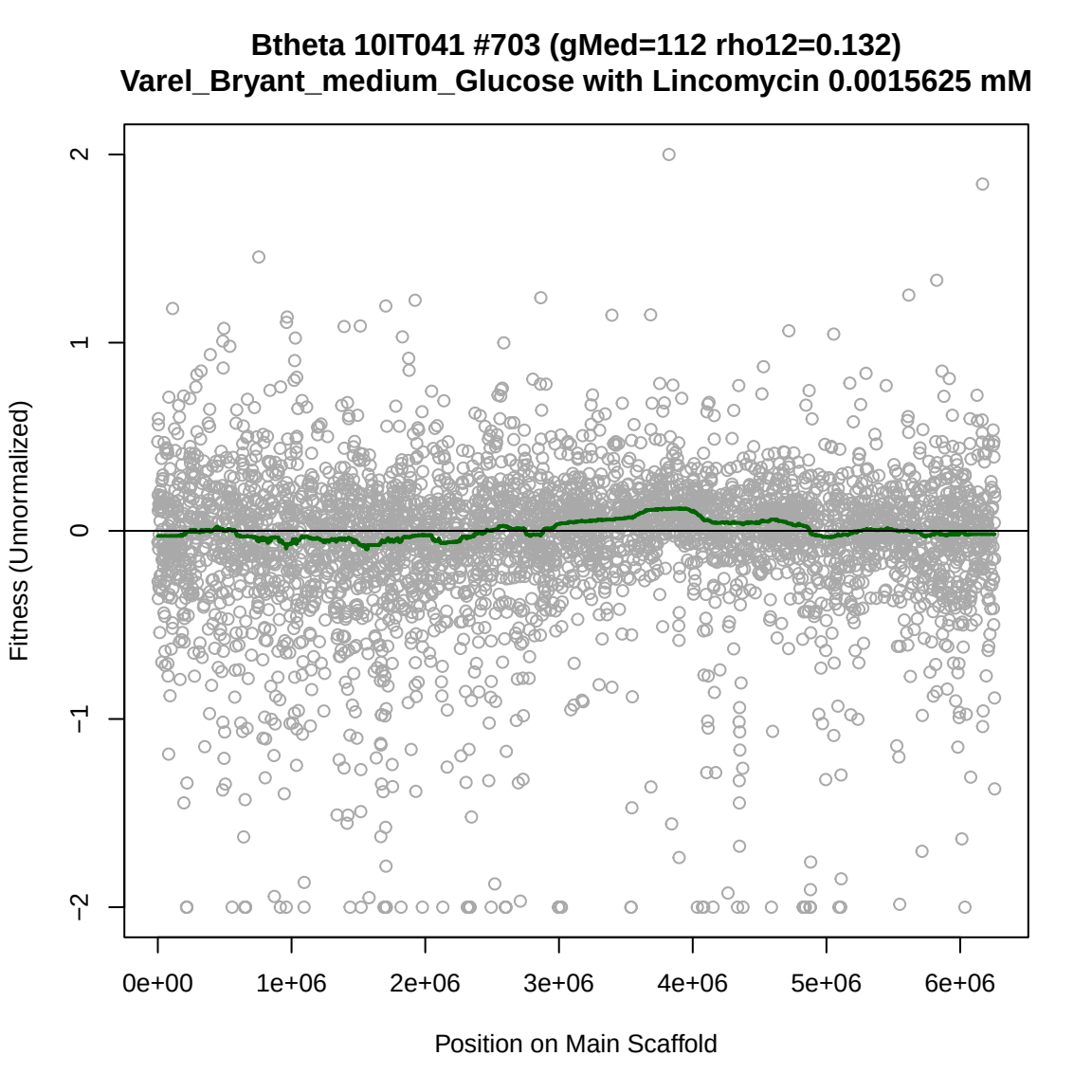

Btheta 10IT036 #698 (gMed=99 rho12=0.132)
Varel_Bryant_medium_Glucose with Sulfamethizole 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

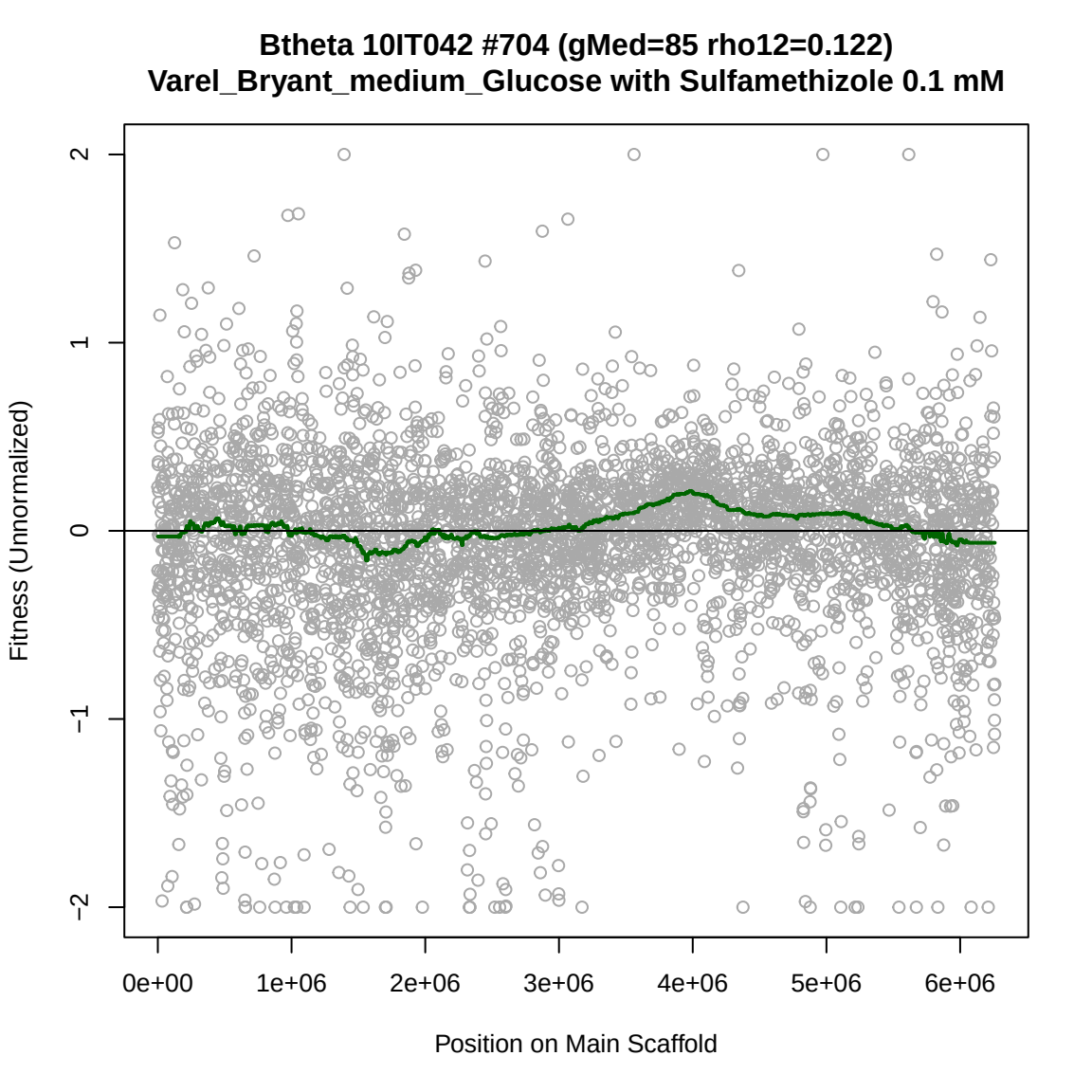

Btheta 10IT037 #699 (gMed=133 rho12=0.140)
Varel_Bryant_medium_Glucose with 2−Mercaptopyridine N−oxide 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

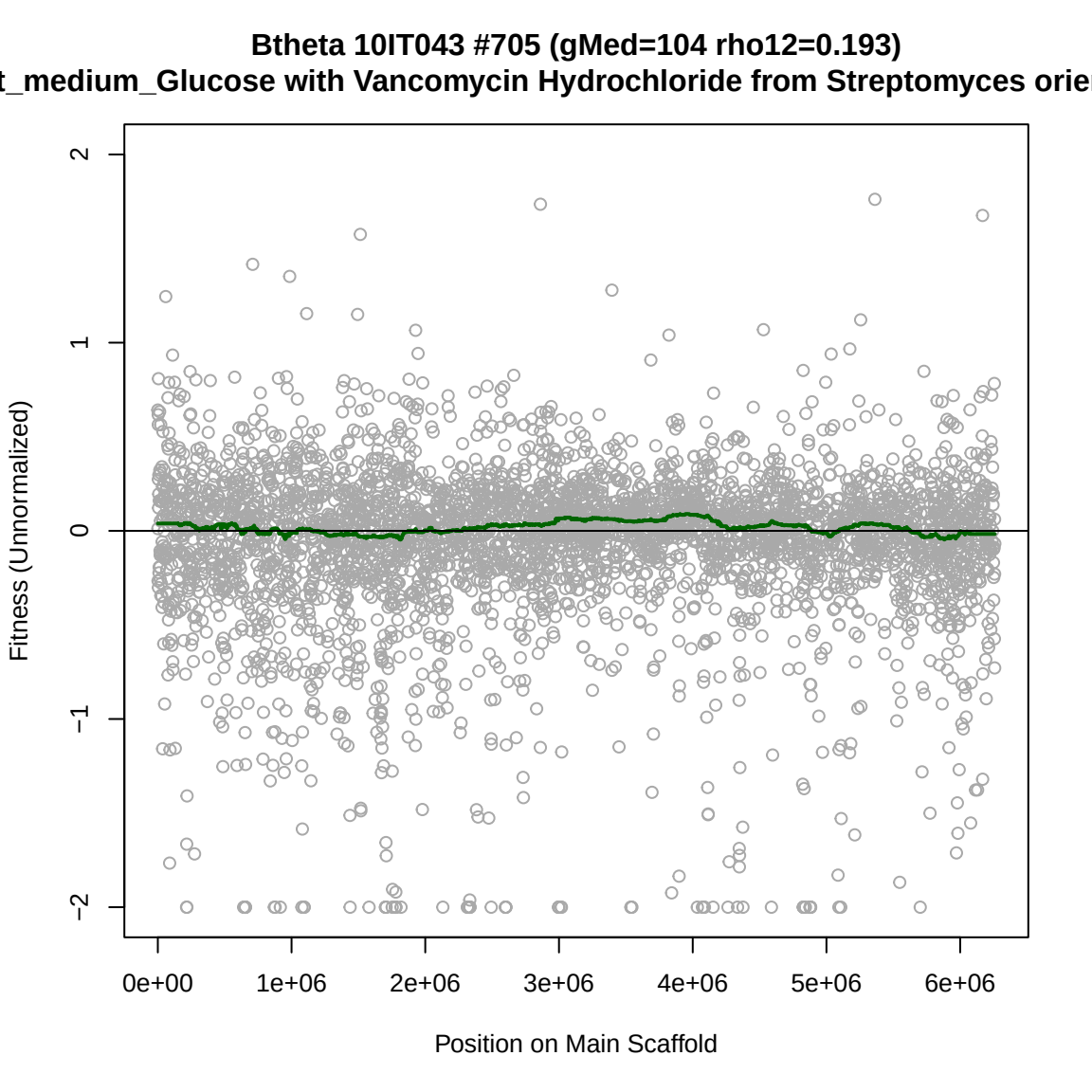

Btheta 10IT038 #700 (gMed=120 rho12=0.180)
Varel_Bryant_medium_Glucose with Ceftriaxone hemi(heptahydrate) 0.2 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

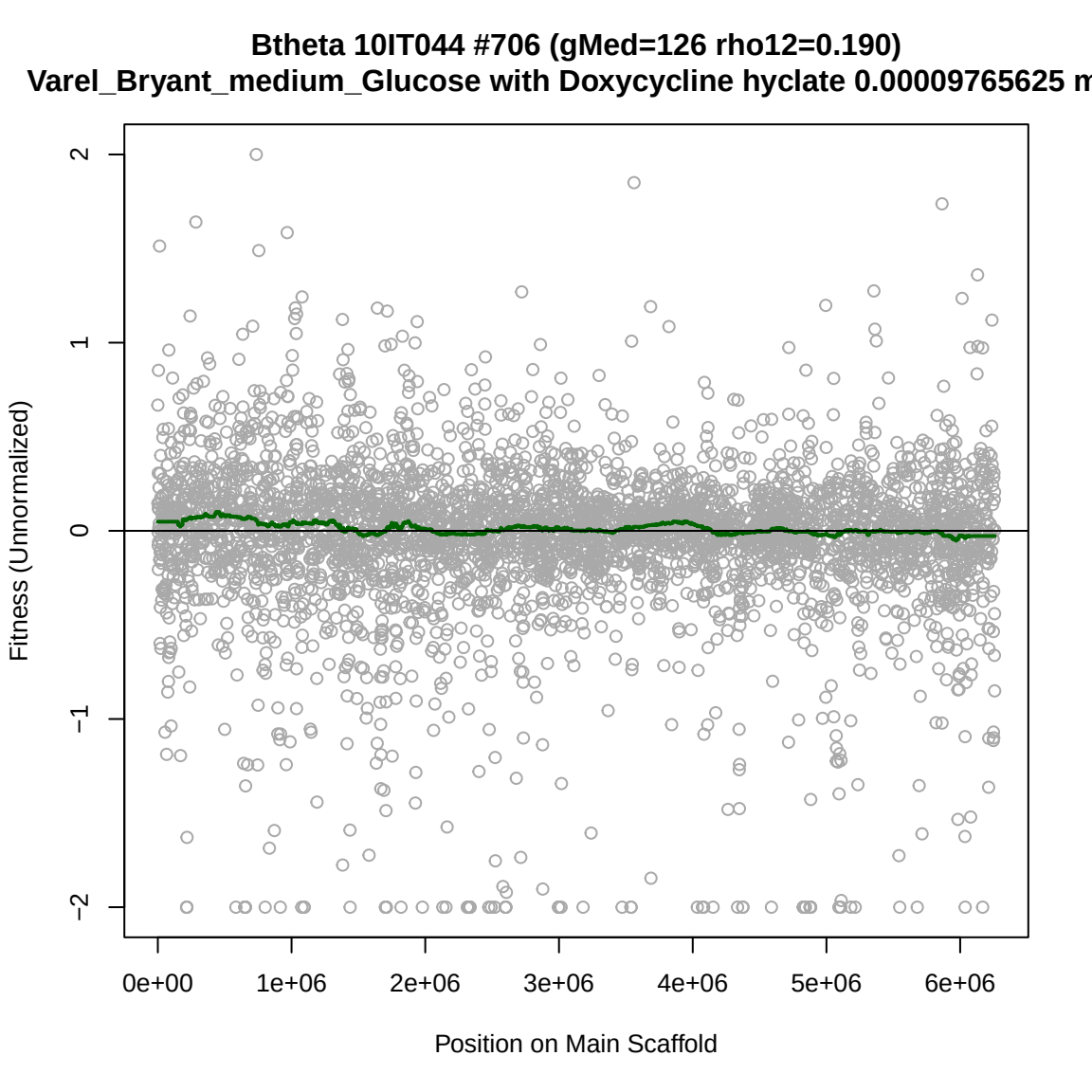

Btheta 10IT039 #701 (gMed=84 rho12=0.085)
Varel_Bryant_medium_Glucose with Ciprofloxacin Hydrochloride 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

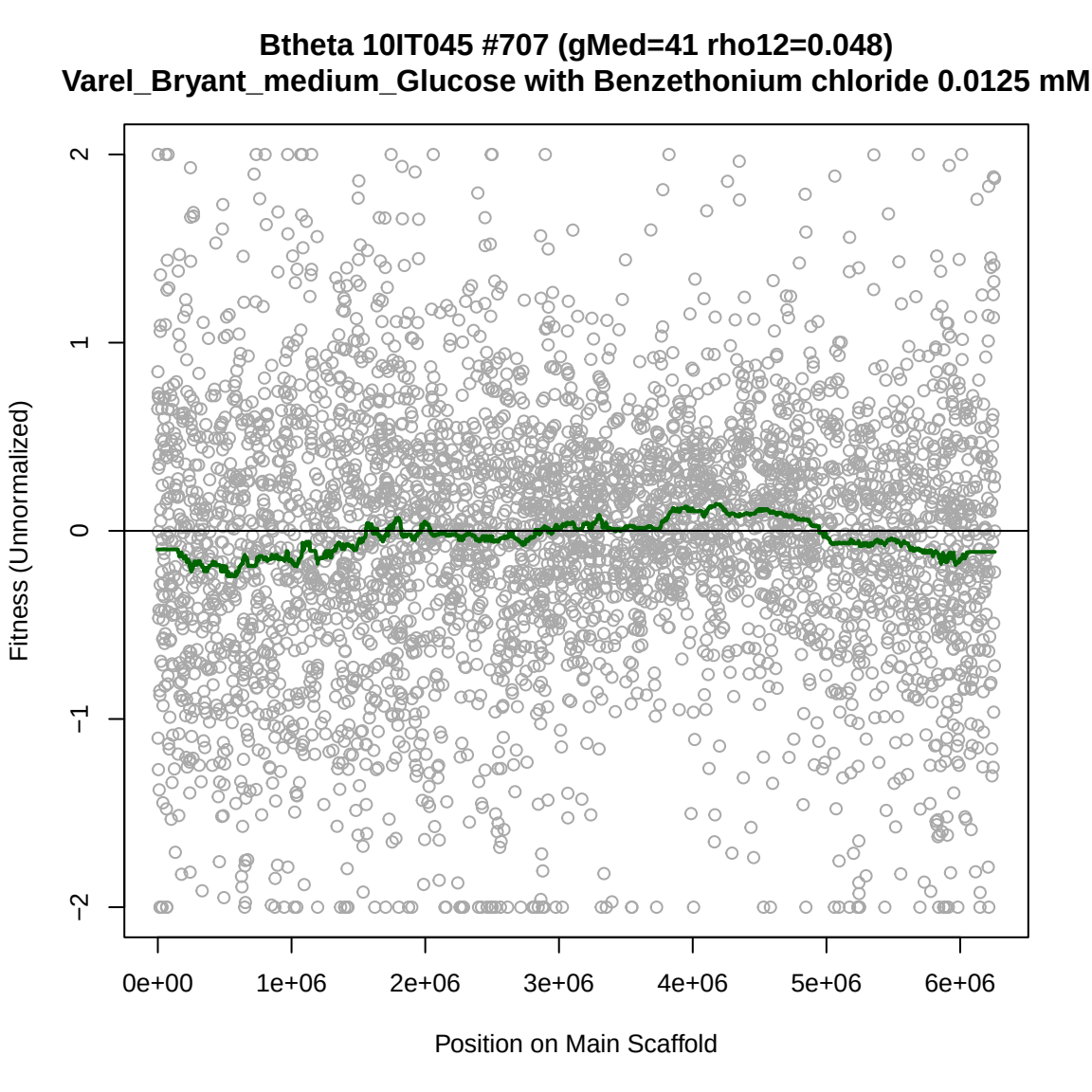

Btheta 10IT040 #702 (gMed=102 rho12=0.170)
Varel_Bryant_medium_Glucose with Econazole nitrate salt 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

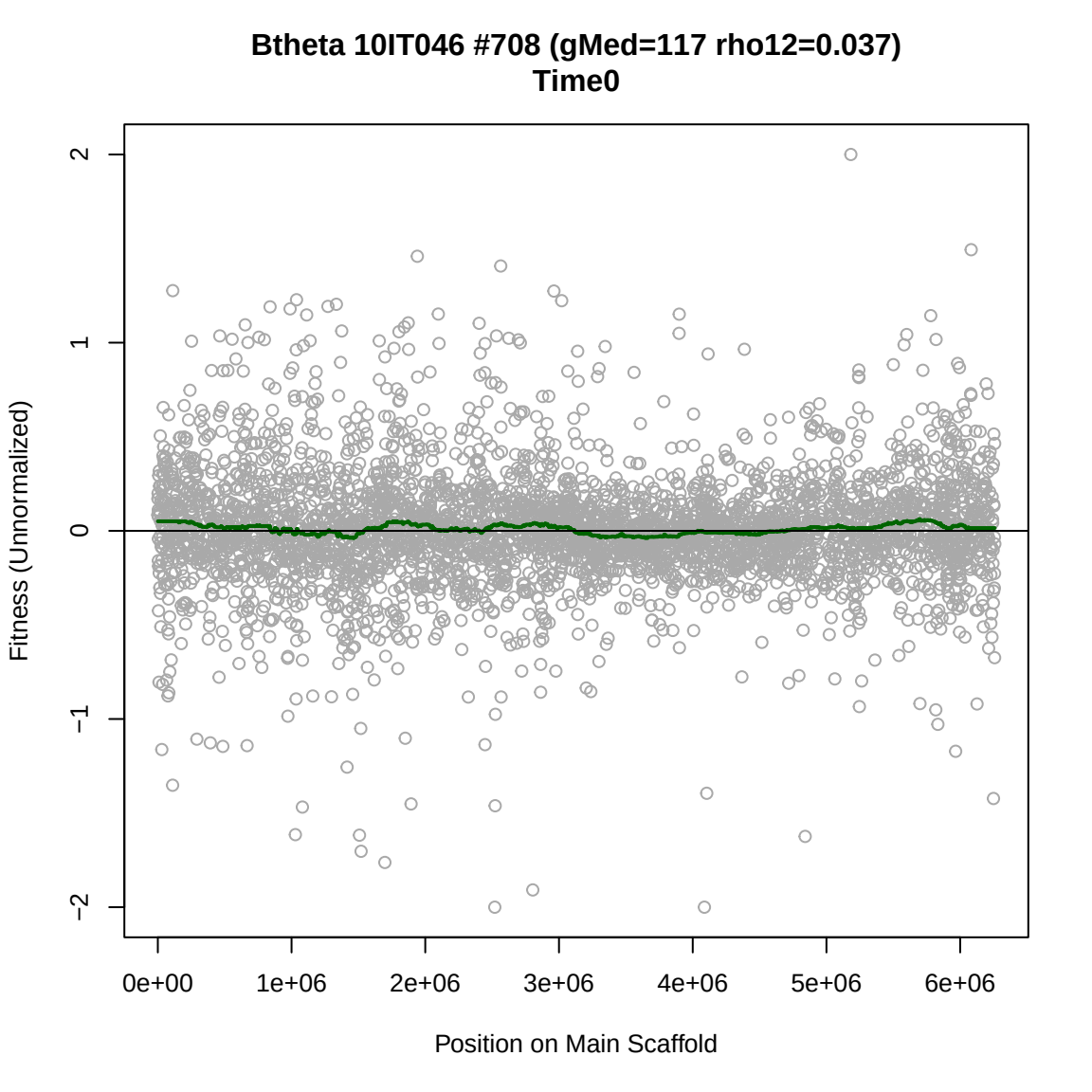

Btheta 10IT041 #703 (gMed=112 rho12=0.132)
Varel_Bryant_medium_Glucose with Lincomycin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

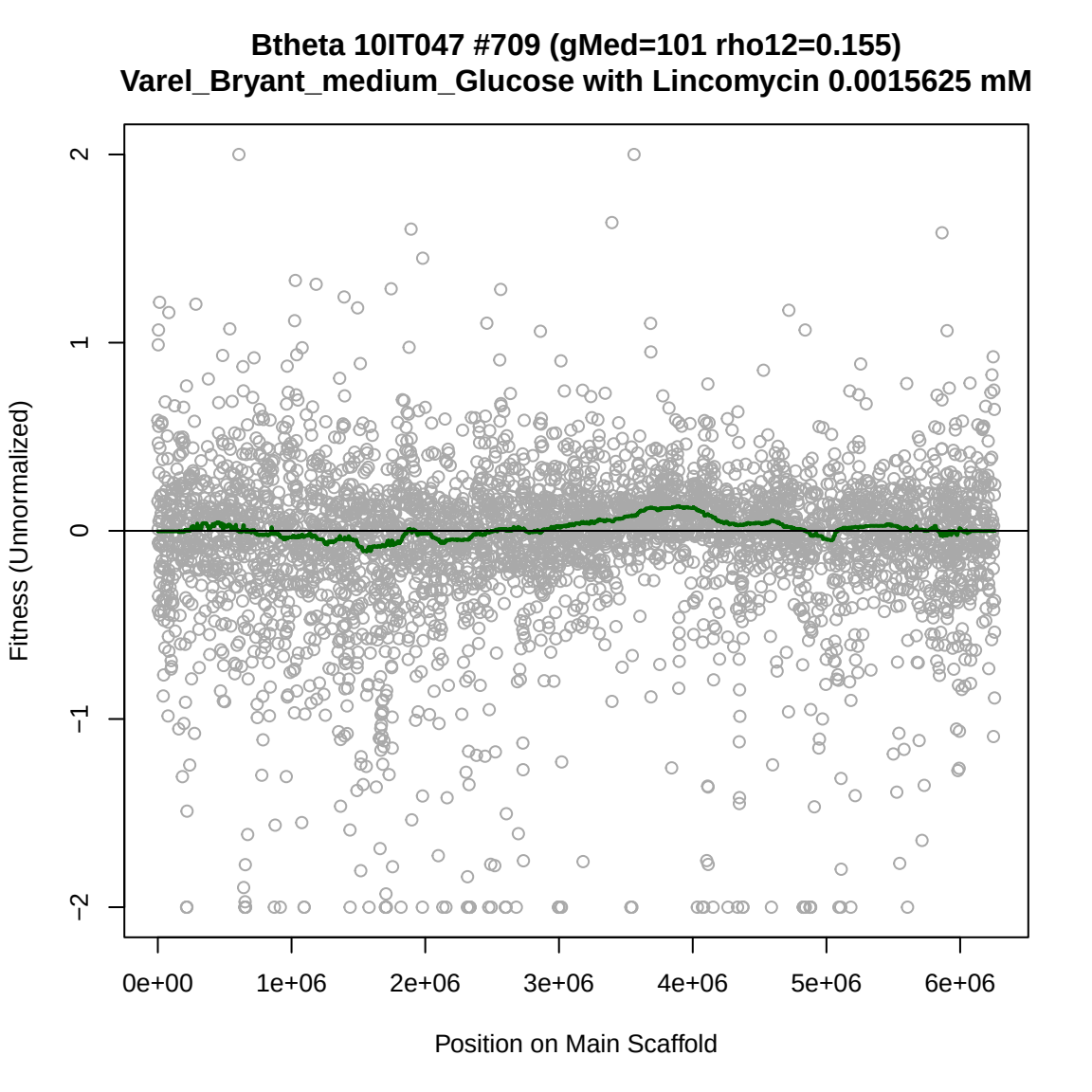

Btheta 10IT042 #704 (gMed=85 rho12=0.122)
Varel_Bryant_medium_Glucose with Sulfamethizole 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

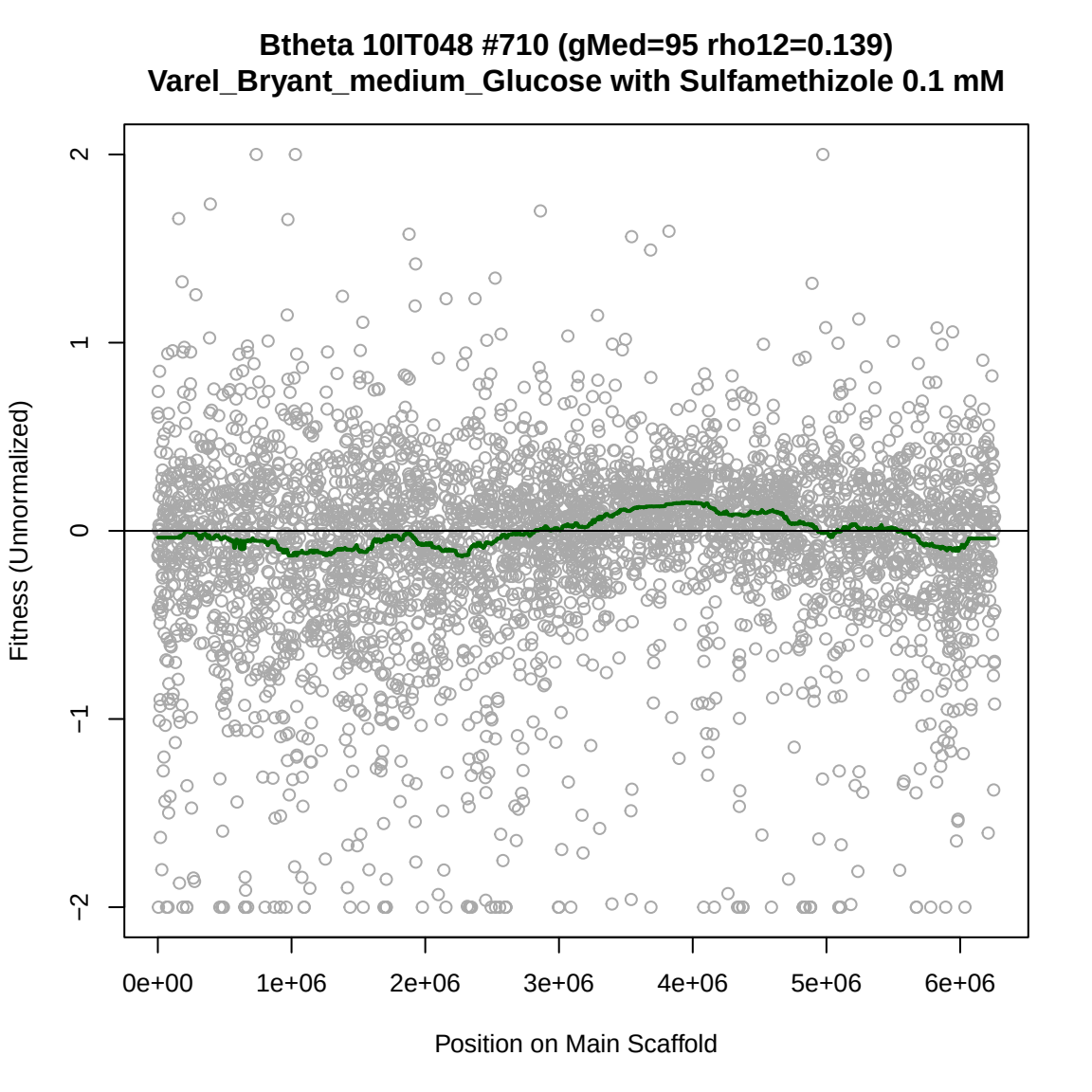

Btheta 10IT043 #705 (gMed=104 rho12=0.193)
t_medium_Glucose with Vancomycin Hydrochloride from Streptomyces orie
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

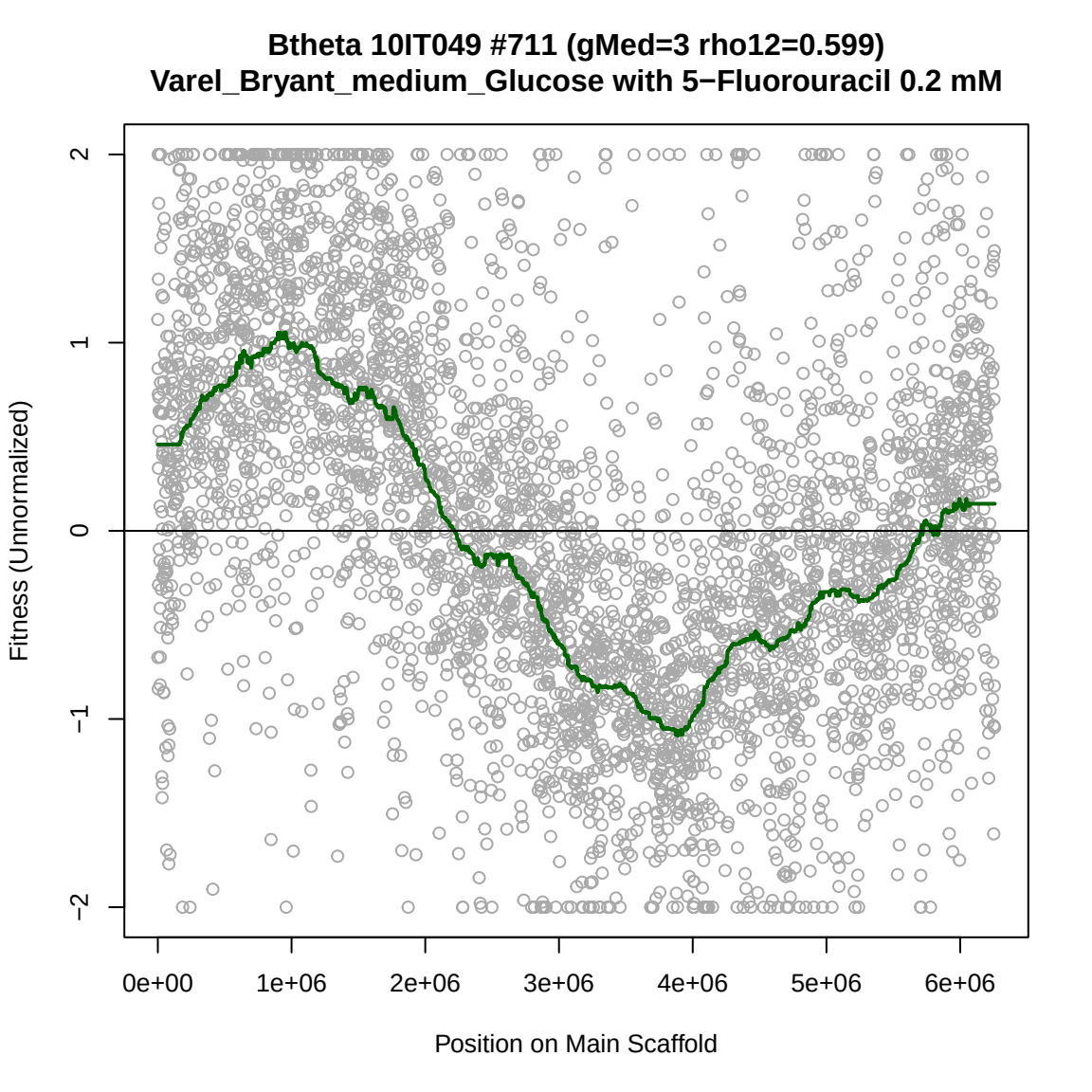

Btheta 10IT044 #706 (gMed=126 rho12=0.190)
Varel_Bryant_medium_Glucose with Doxycycline hyclate 0.00009765625 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

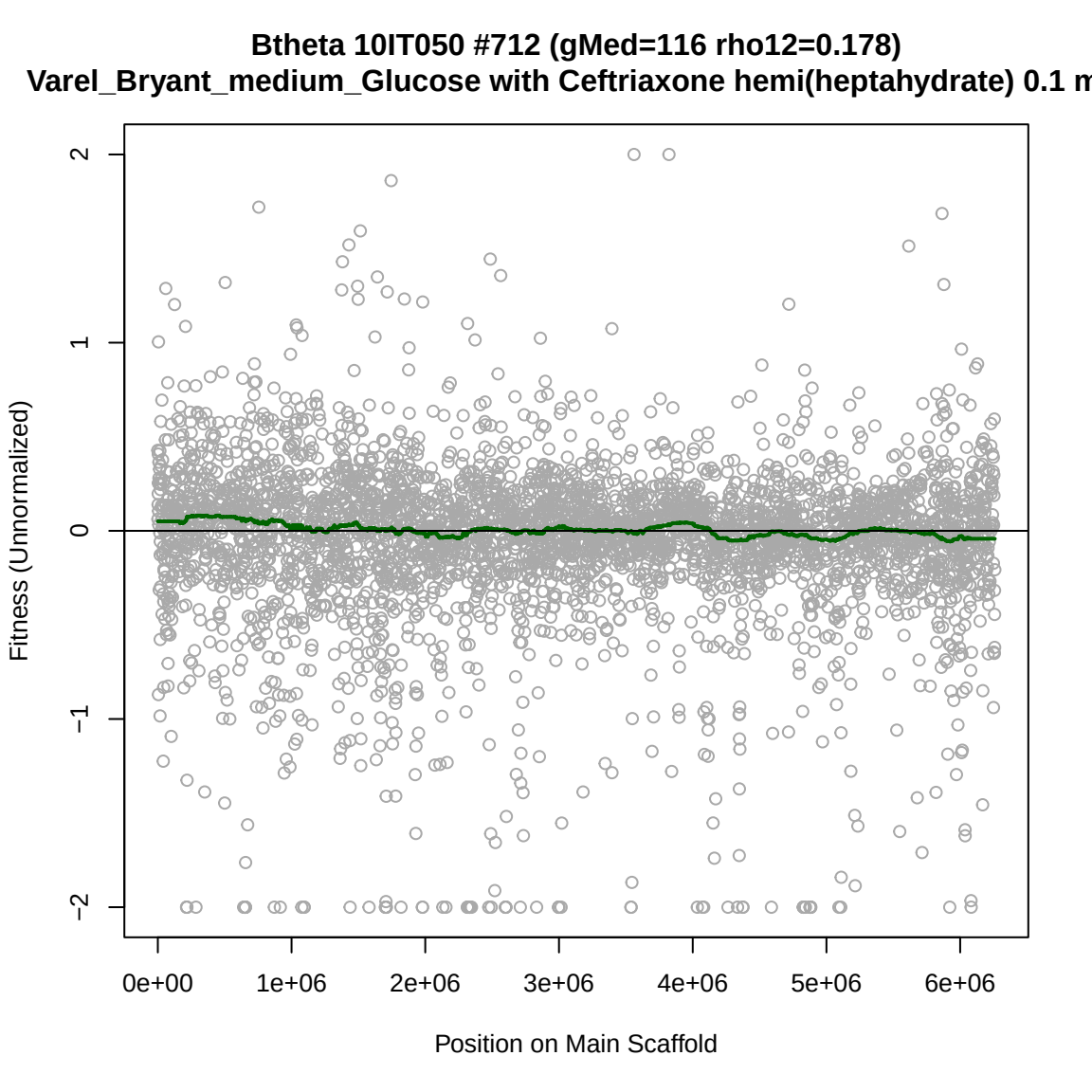

Btheta 10IT045 #707 (gMed=41 rho12=0.048)
Varel_Bryant_medium_Glucose with Benzethonium chloride 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

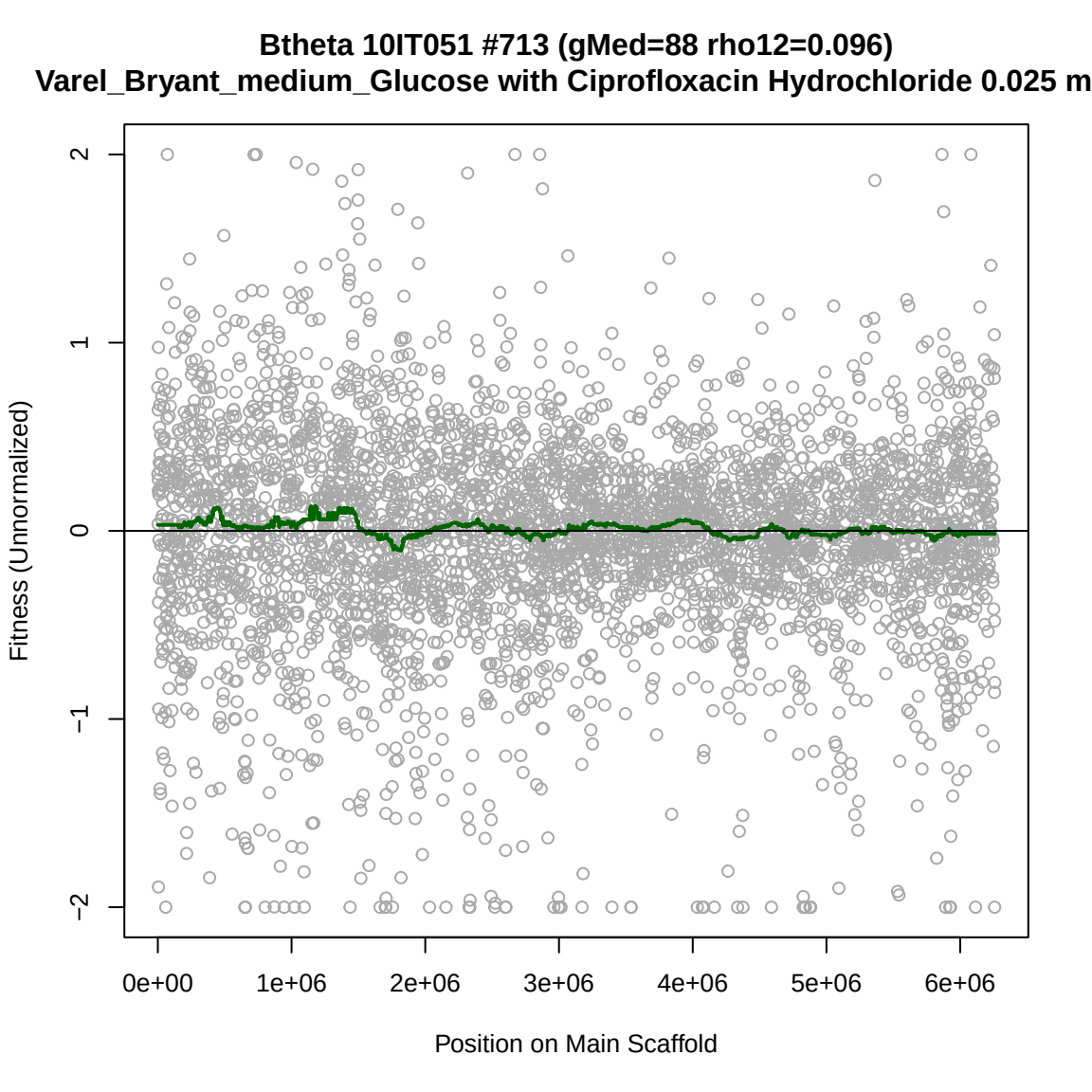

Btheta 10IT046 #708 (gMed=117 rho12=0.037)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

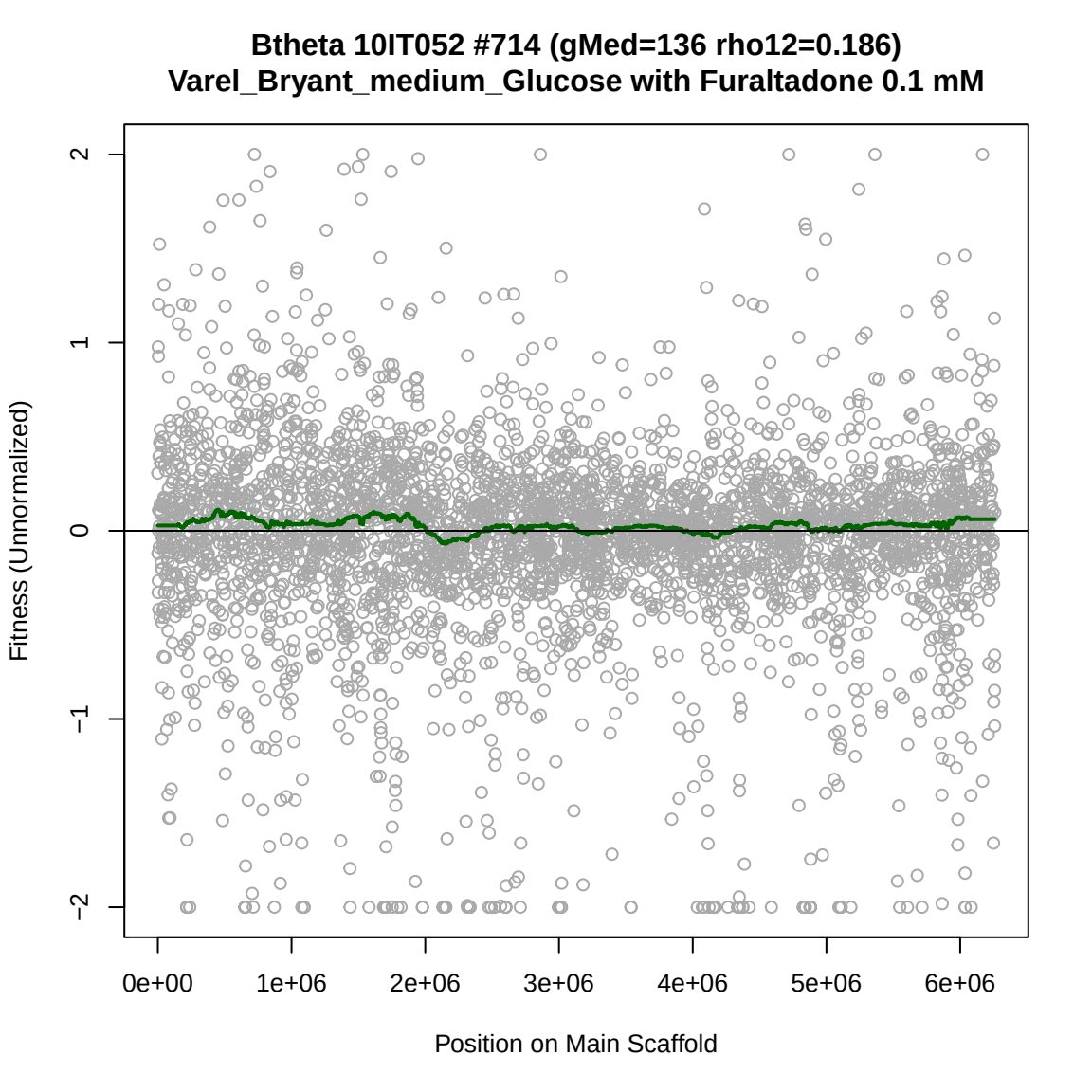

Btheta 10IT047 #709 (gMed=101 rho12=0.155)
Varel_Bryant_medium_Glucose with Lincomycin 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

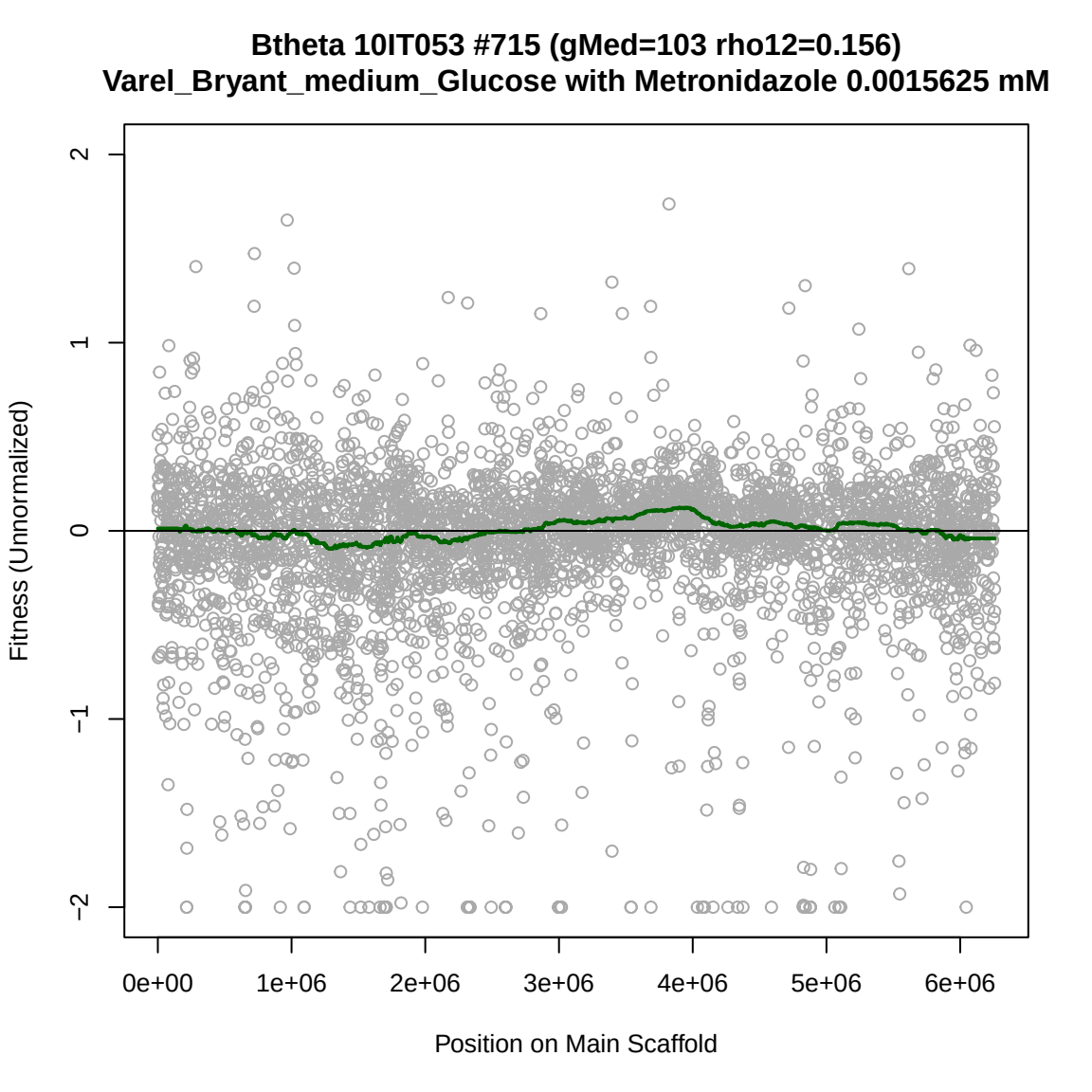

Btheta 10IT048 #710 (gMed=95 rho12=0.139)
Varel_Bryant_medium_Glucose with Sulfamethizole 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

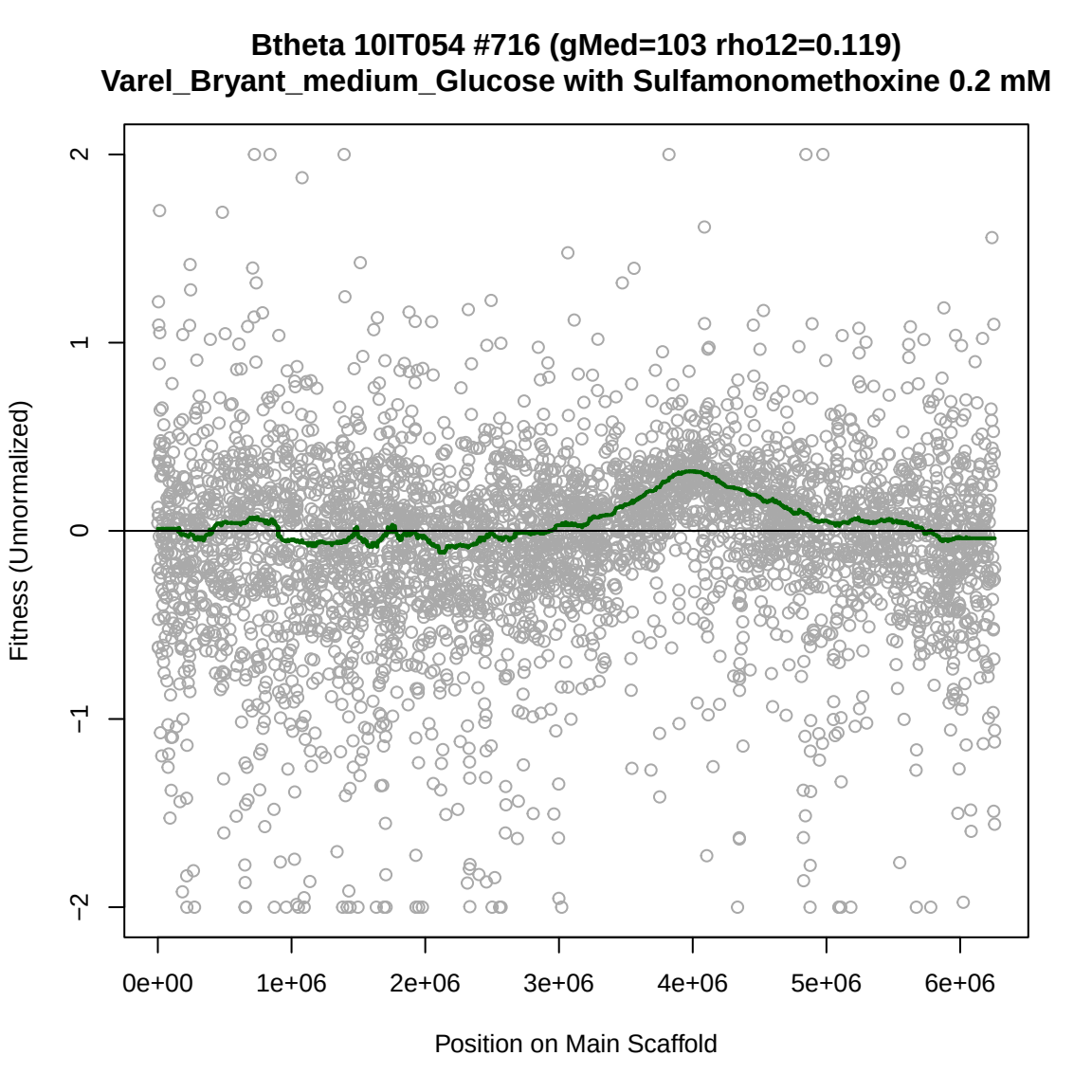

Btheta 10IT049 #711 (gMed=3 rho12=0.599)
Varel_Bryant_medium_Glucose with 5−Fluorouracil 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

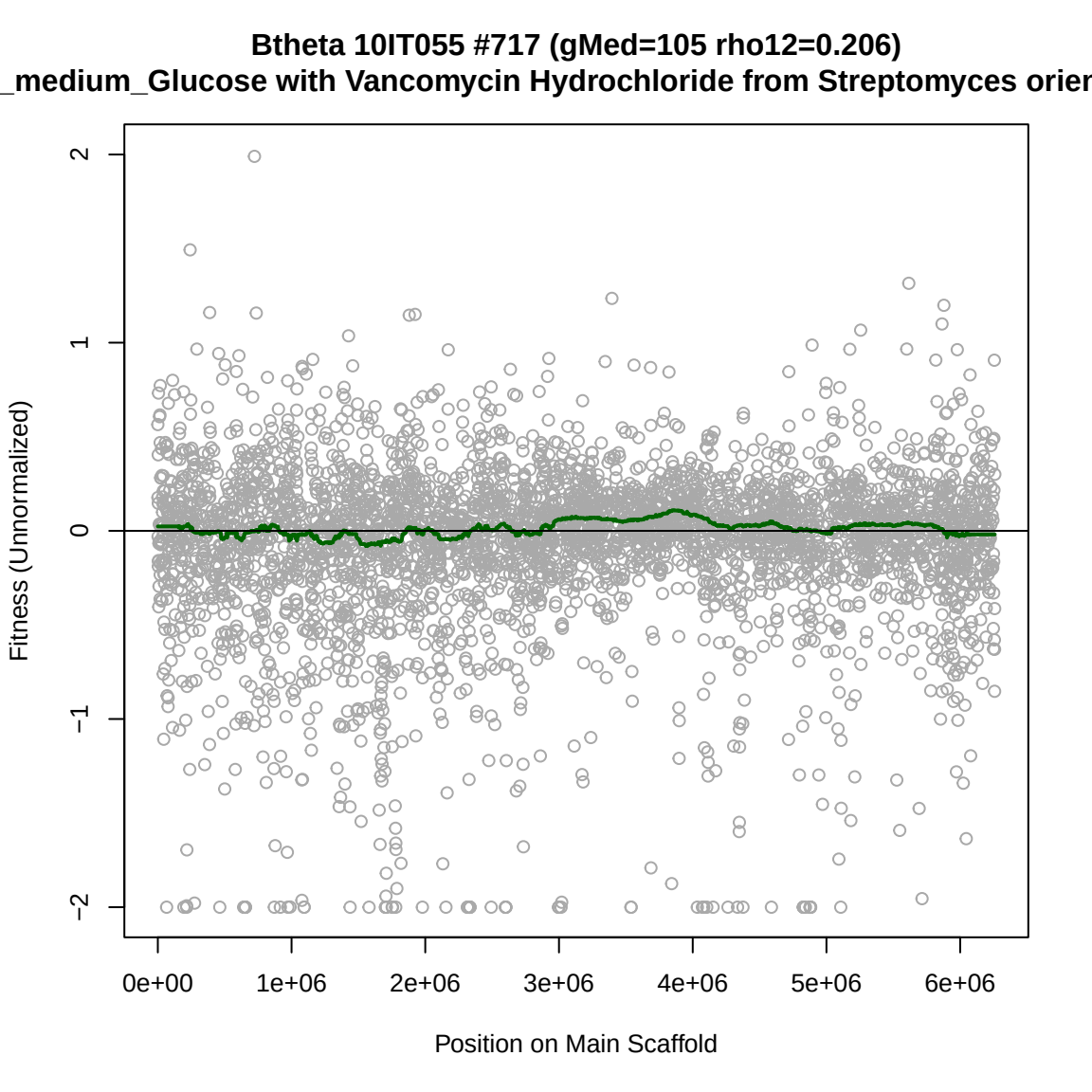

Btheta 10IT050 #712 (gMed=116 rho12=0.178)
Varel_Bryant_medium_Glucose with Ceftriaxone hemi(heptahydrate) 0.1 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

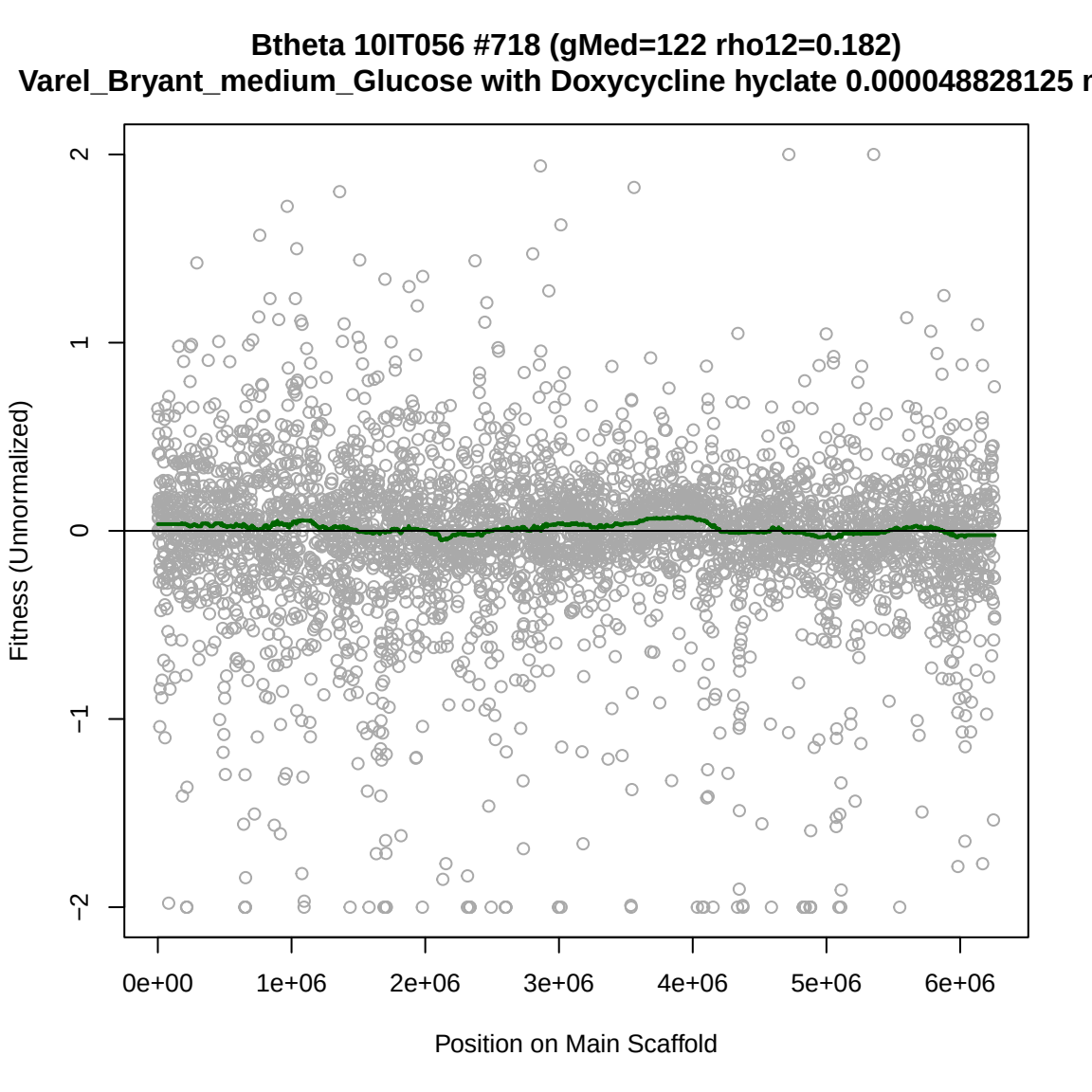

Btheta 10IT051 #713 (gMed=88 rho12=0.096)
Varel_Bryant_medium_Glucose with Ciprofloxacin Hydrochloride 0.025 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

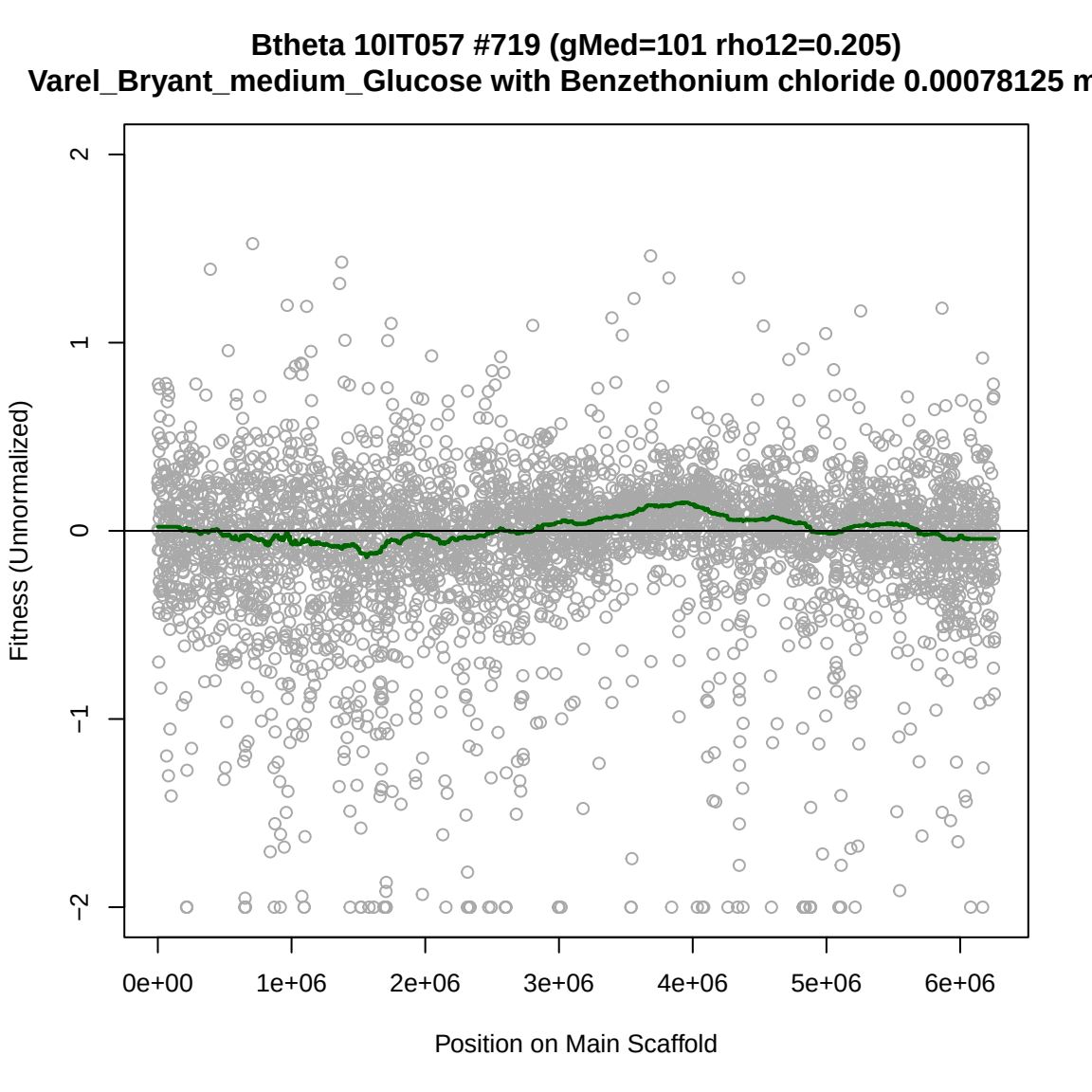

Btheta 10IT052 #714 (gMed=136 rho12=0.186)
Varel_Bryant_medium_Glucose with Furaltadone 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

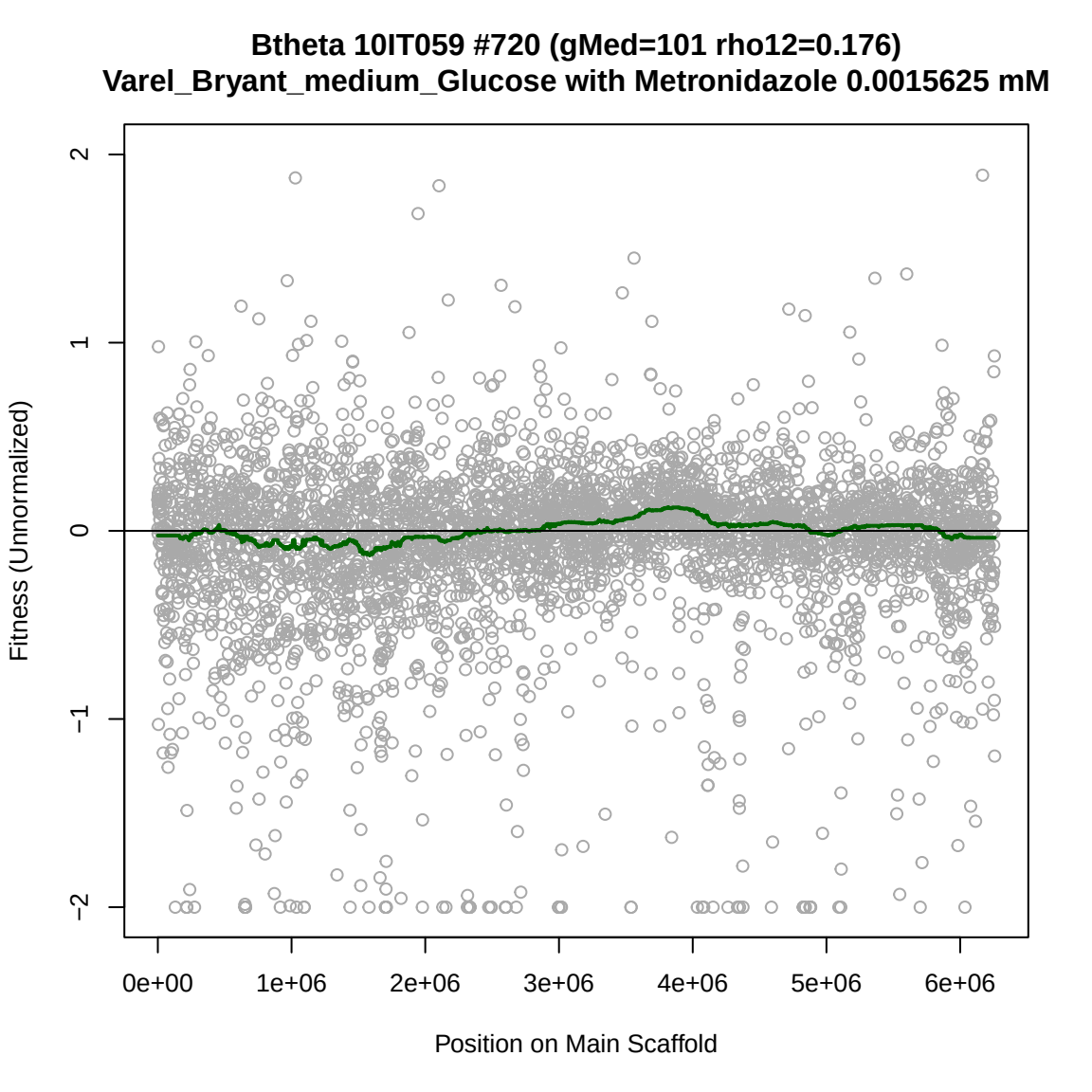

Btheta 10IT053 #715 (gMed=103 rho12=0.156)
Varel_Bryant_medium_Glucose with Metronidazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

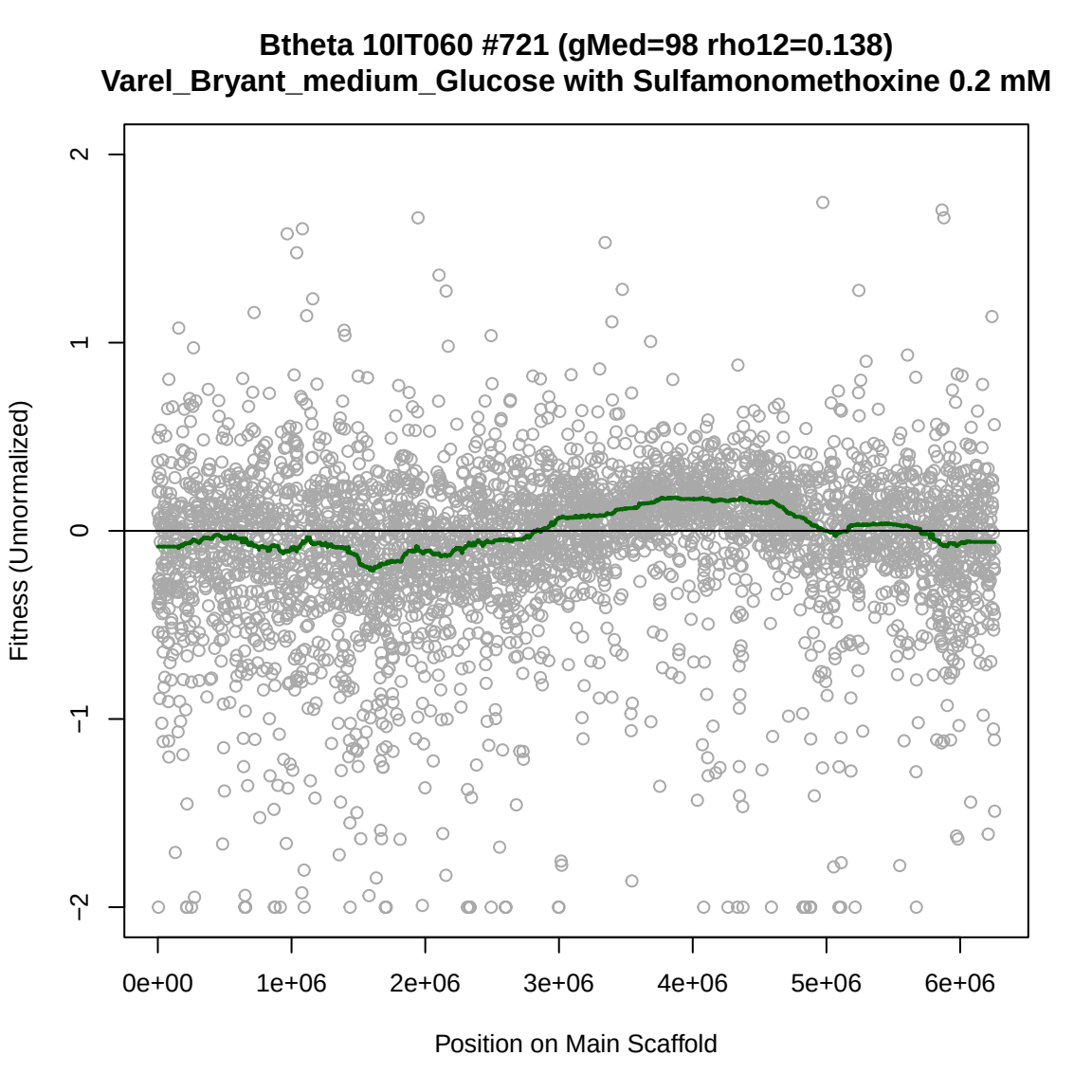

Btheta 10IT054 #716 (gMed=103 rho12=0.119)
Varel_Bryant_medium_Glucose with Sulfamonomethoxine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

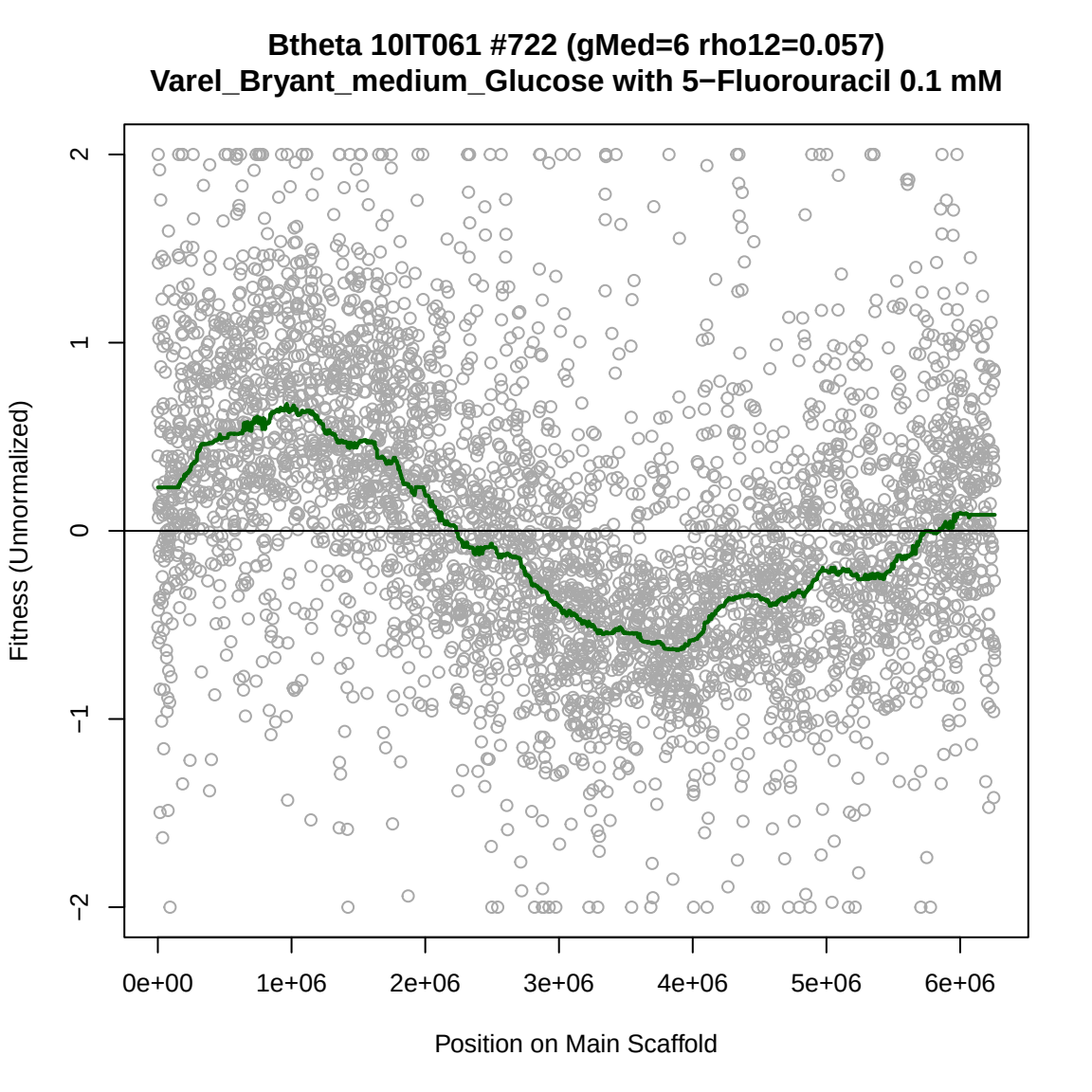

Btheta 10IT055 #717 (gMed=105 rho12=0.206)
_medium_Glucose with Vancomycin Hydrochloride from Streptomyces orien
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

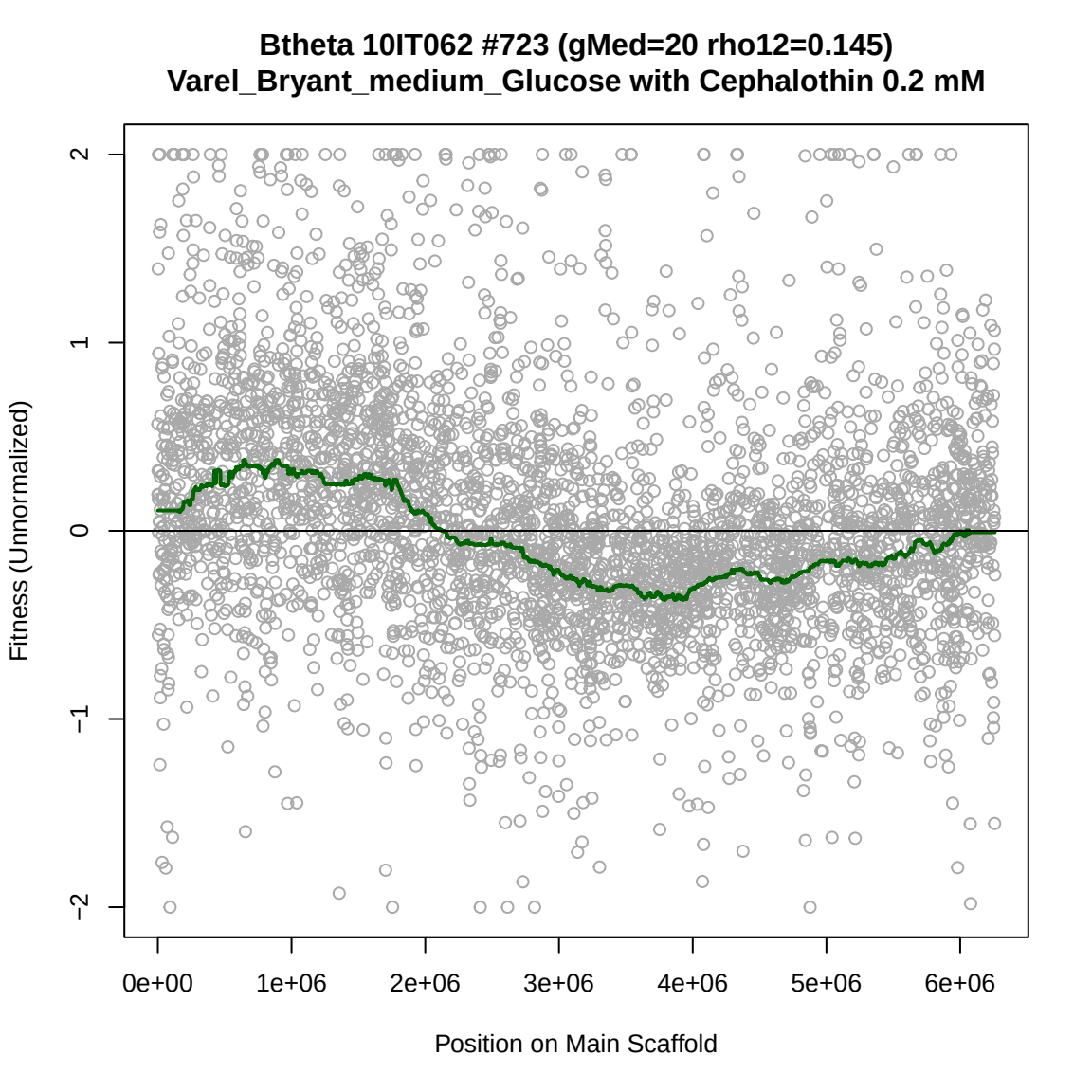

Btheta 10IT056 #718 (gMed=122 rho12=0.182)
Varel_Bryant_medium_Glucose with Doxycycline hyclate 0.000048828125 r
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

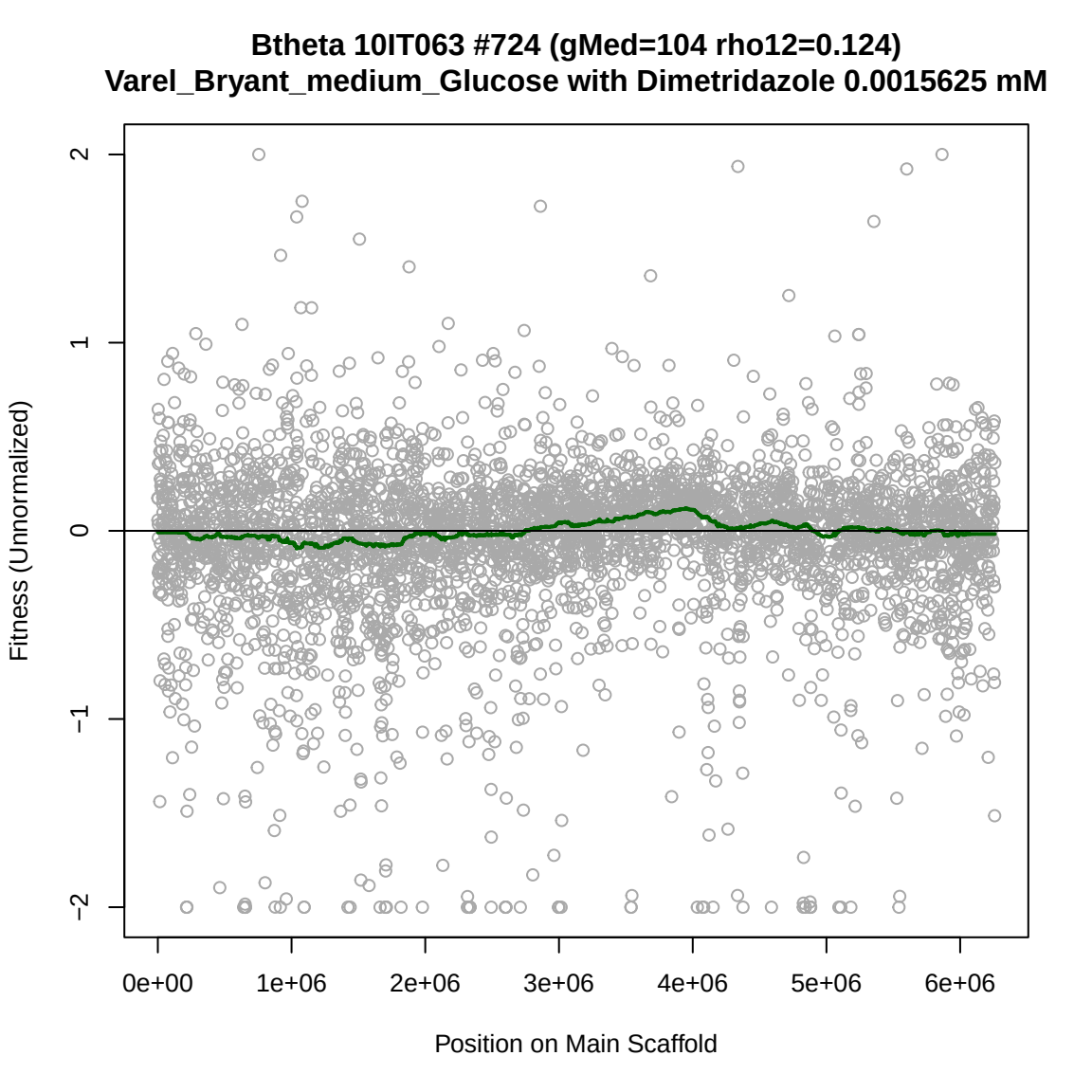

Btheta 10IT057 #719 (gMed=101 rho12=0.205)
Varel_Bryant_medium_Glucose with Benzethonium chloride 0.00078125 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

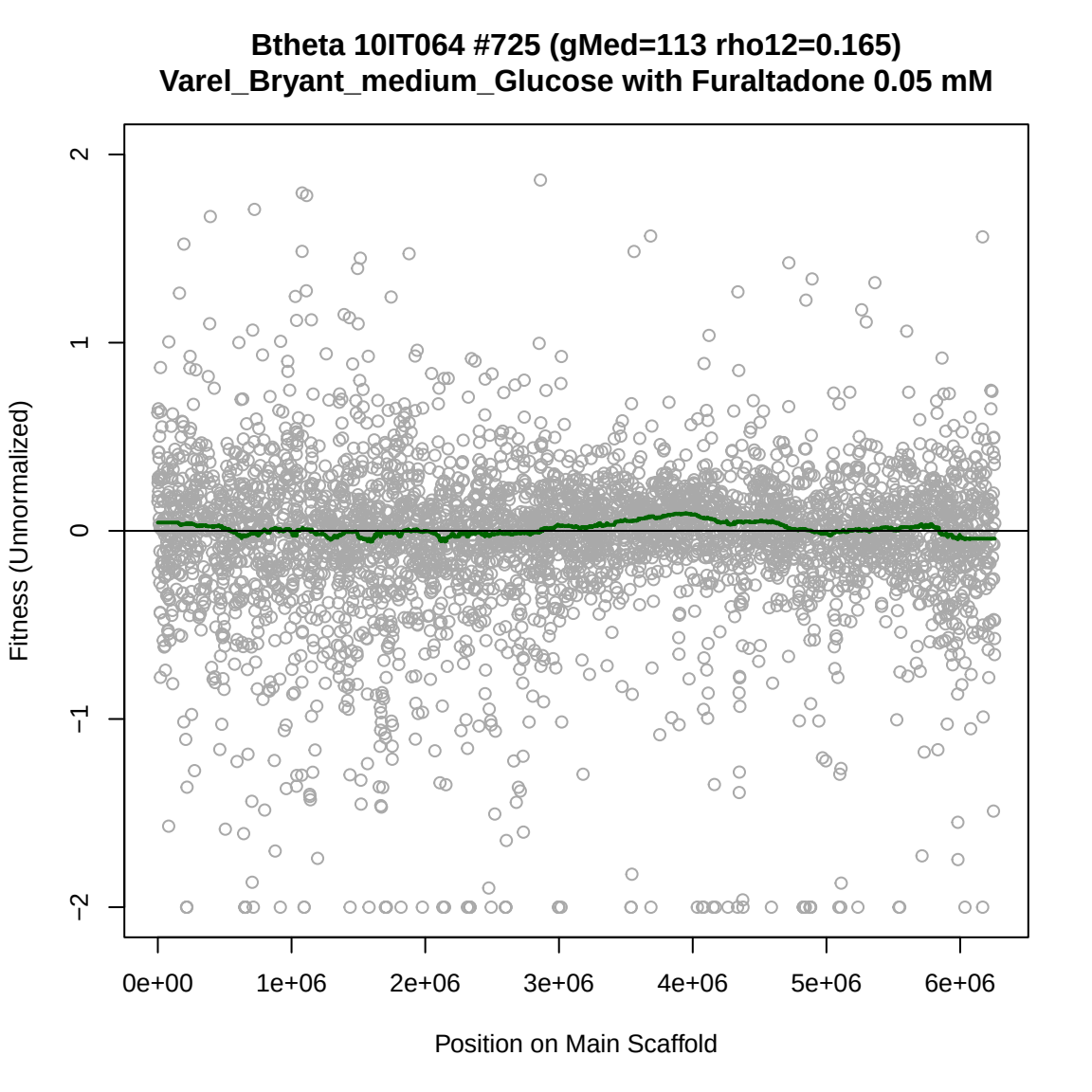

Btheta 10IT059 #720 (gMed=101 rho12=0.176)
Varel_Bryant_medium_Glucose with Metronidazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

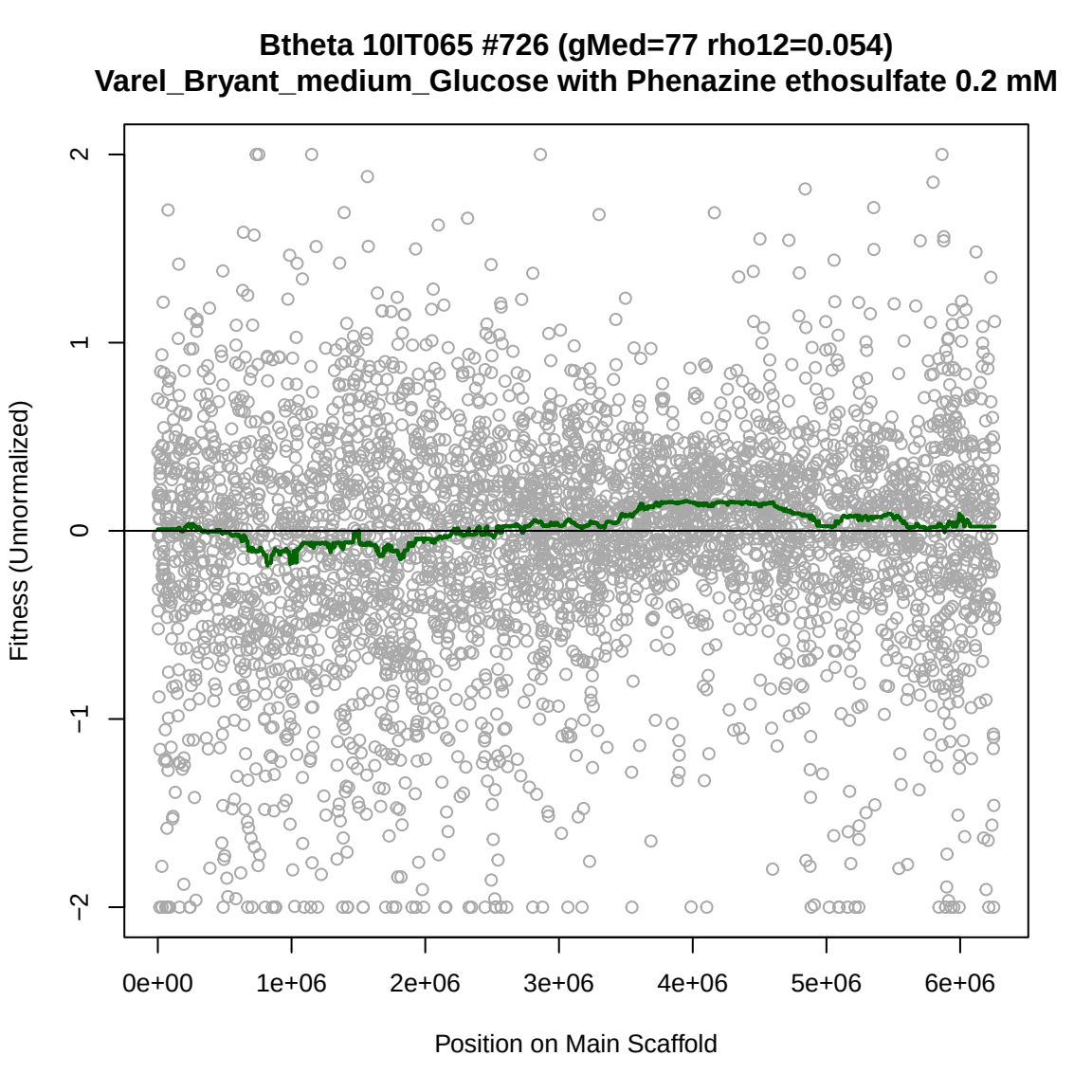

Btheta 10IT060 #721 (gMed=98 rho12=0.138)
Varel_Bryant_medium_Glucose with Sulfamonomethoxine 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

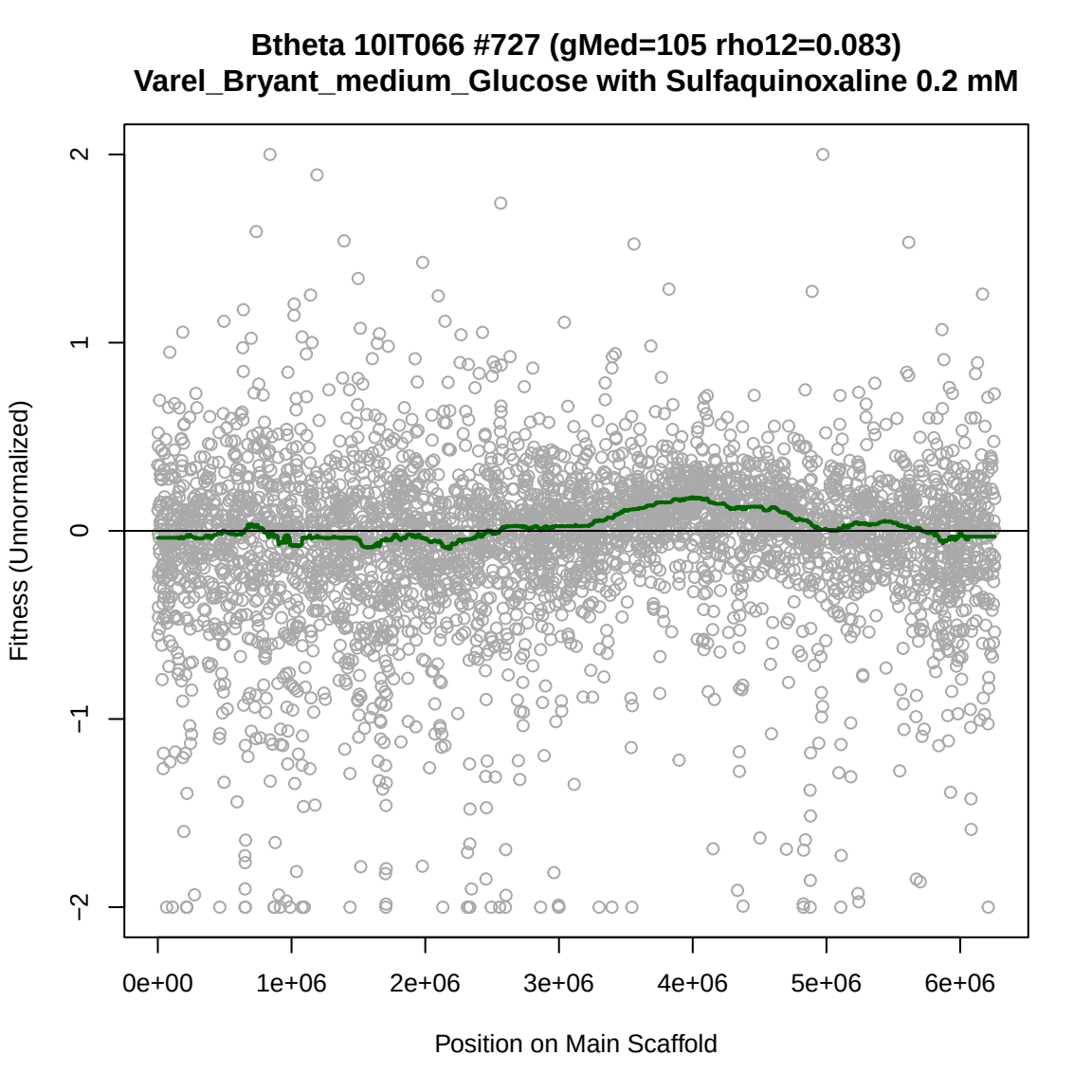

Btheta 10IT061 #722 (gMed=6 rho12=0.057)
Varel_Bryant_medium_Glucose with 5−Fluorouracil 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

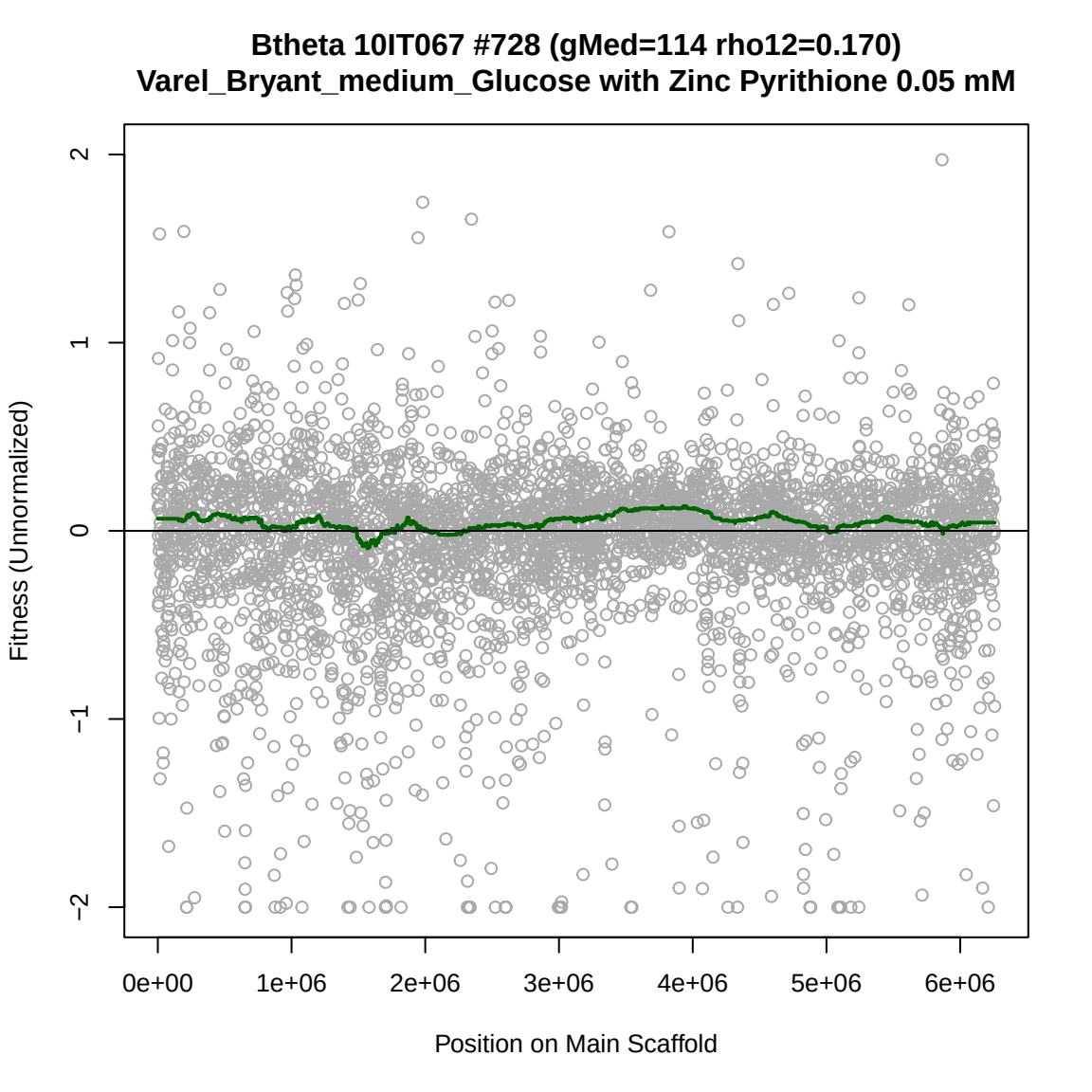

Btheta 10IT062 #723 (gMed=20 rho12=0.145)
Varel_Bryant_medium_Glucose with Cephalothin 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

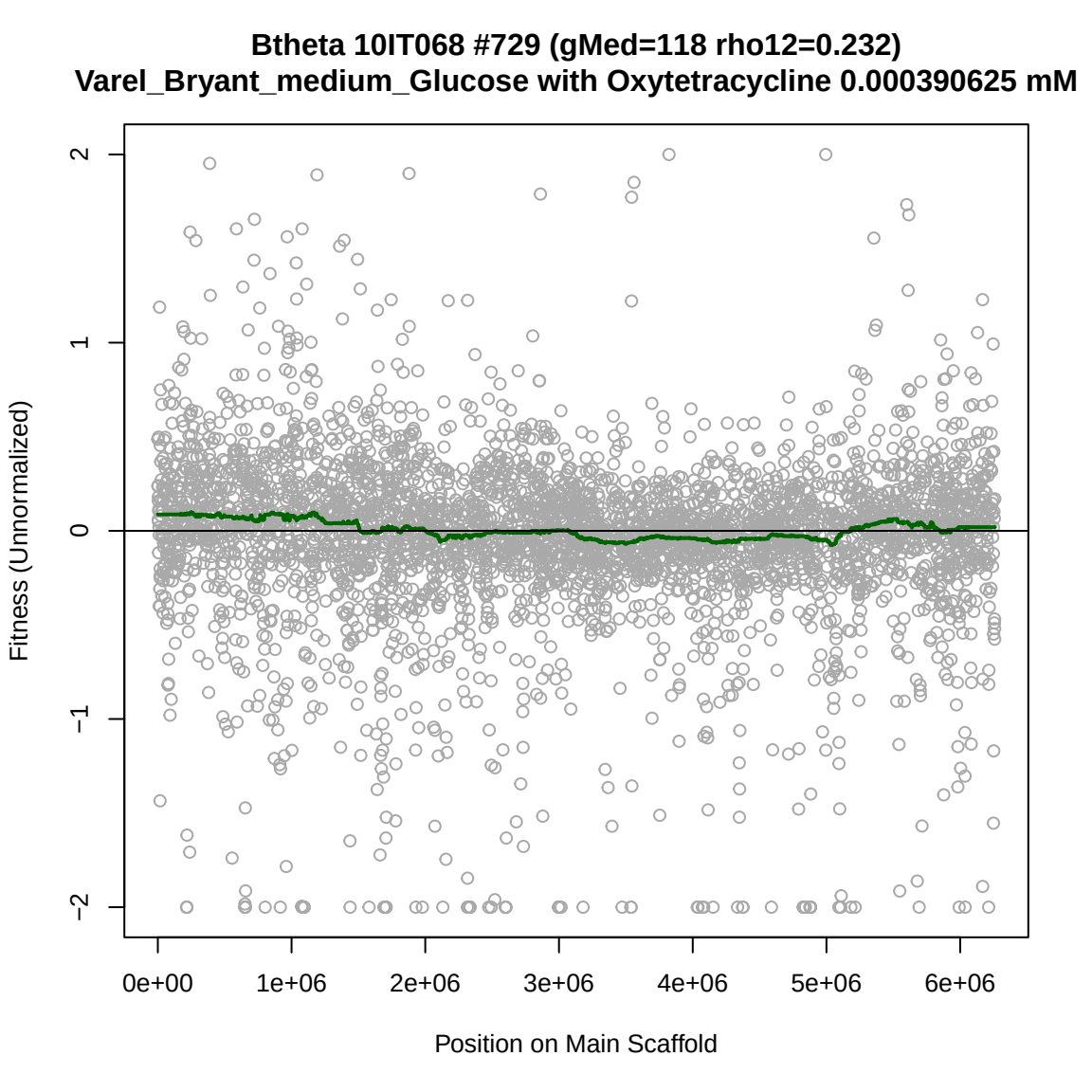

Btheta 10IT063 #724 (gMed=104 rho12=0.124)
Varel_Bryant_medium_Glucose with Dimetridazole 0.0015625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

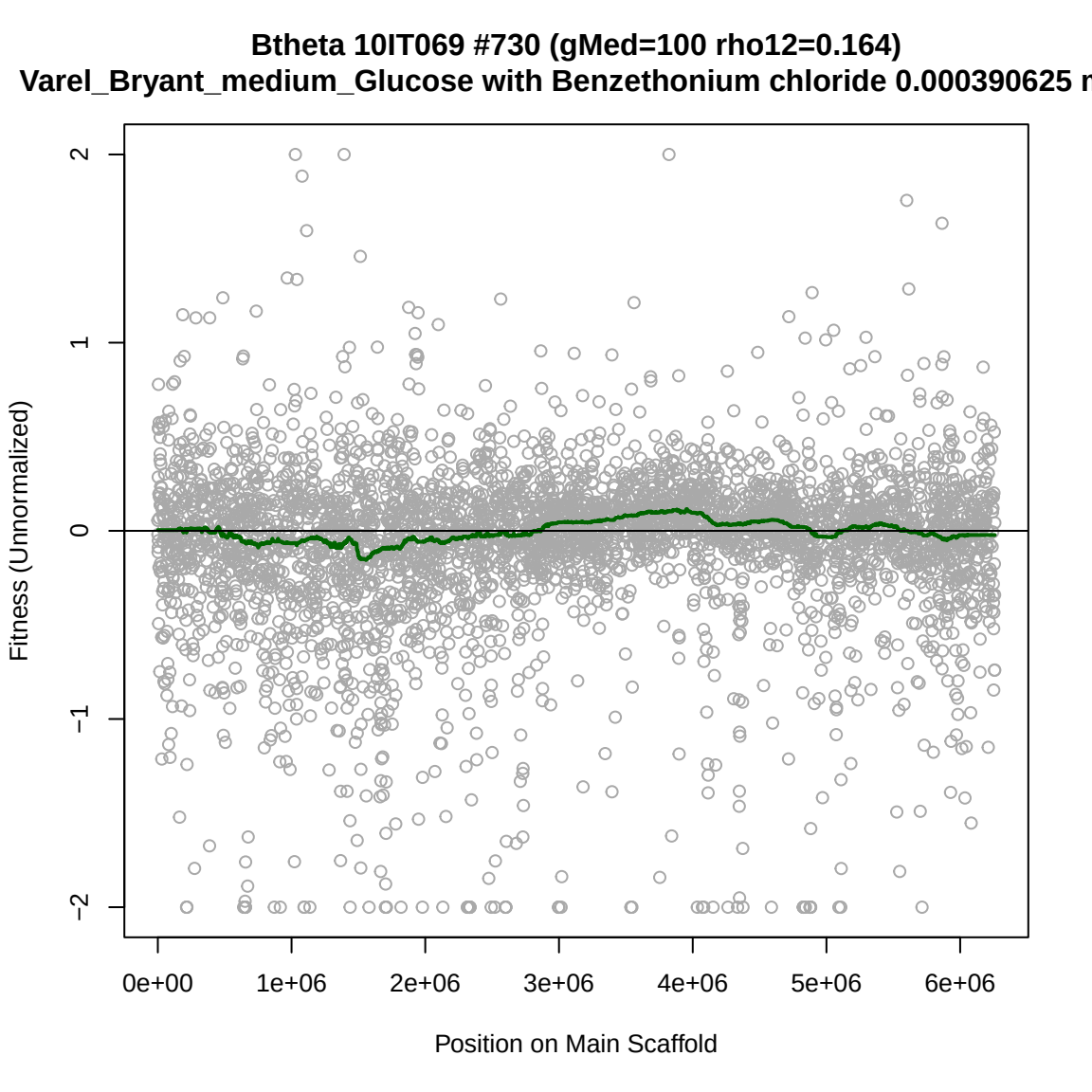

Btheta 10IT064 #725 (gMed=113 rho12=0.165)
Varel_Bryant_medium_Glucose with Furaltadone 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

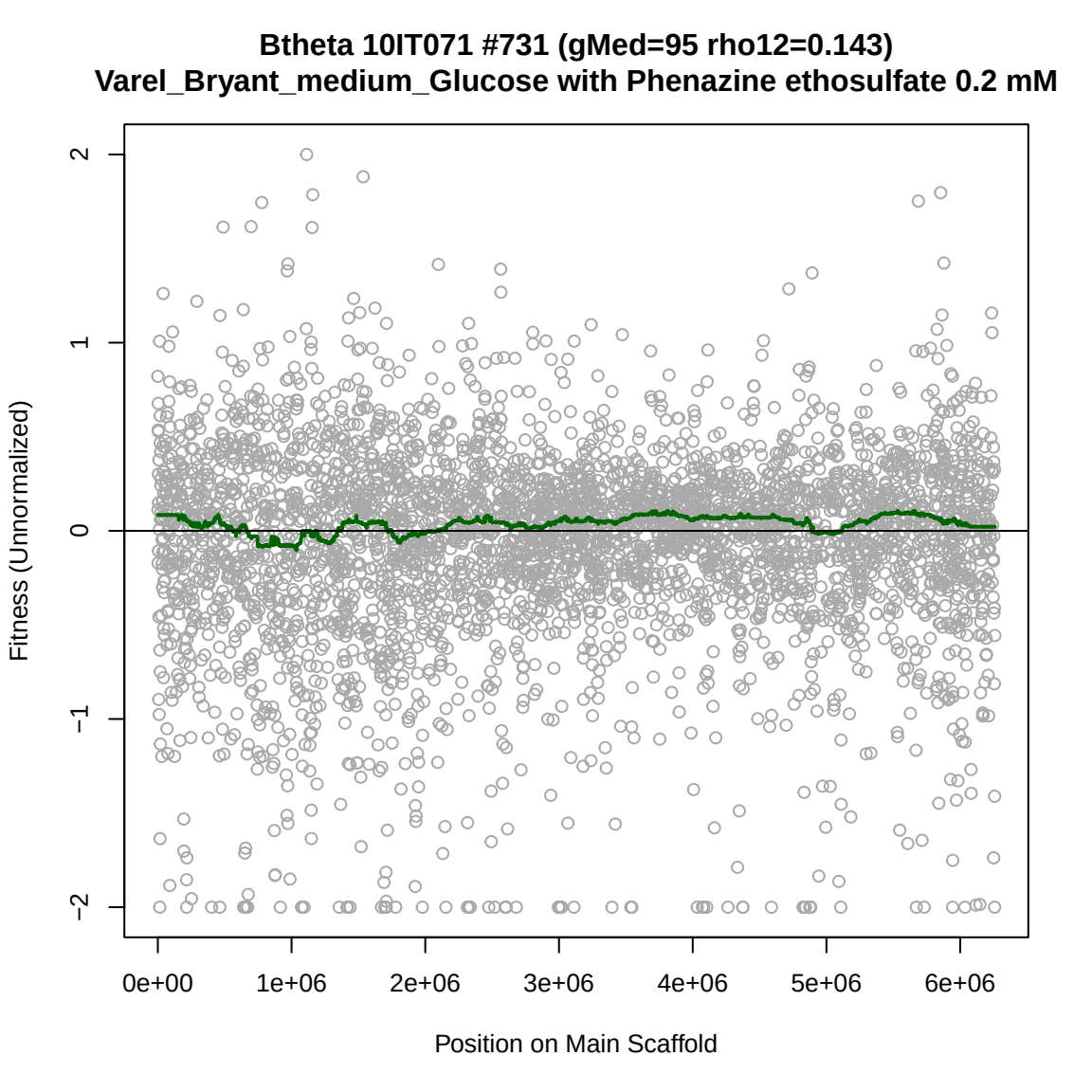

Btheta 10IT065 #726 (gMed=77 rho12=0.054)
Varel_Bryant_medium_Glucose with Phenazine ethosulfate 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

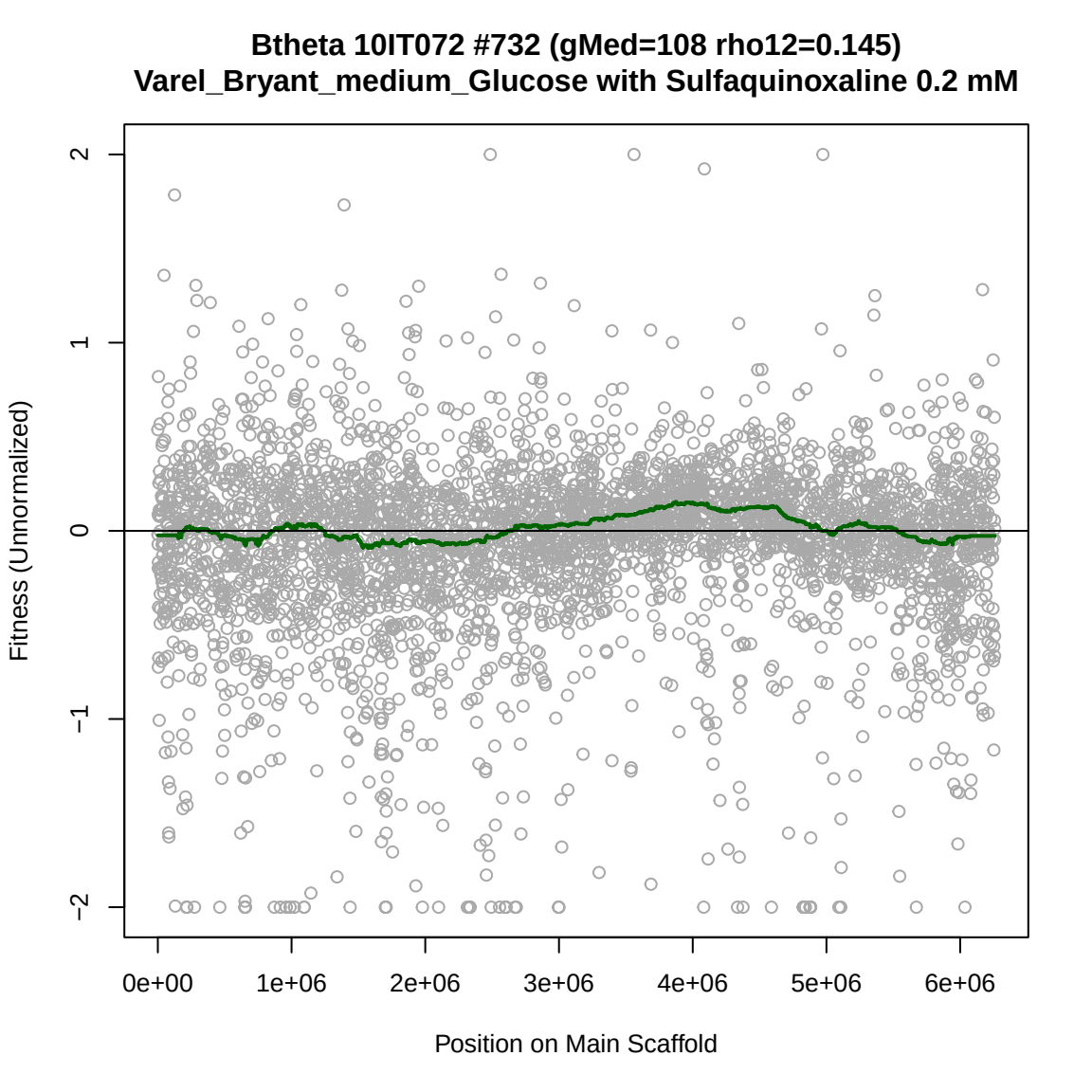

Btheta 10IT066 #727 (gMed=105 rho12=0.083)
Varel_Bryant_medium_Glucose with Sulfaquinoxaline 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

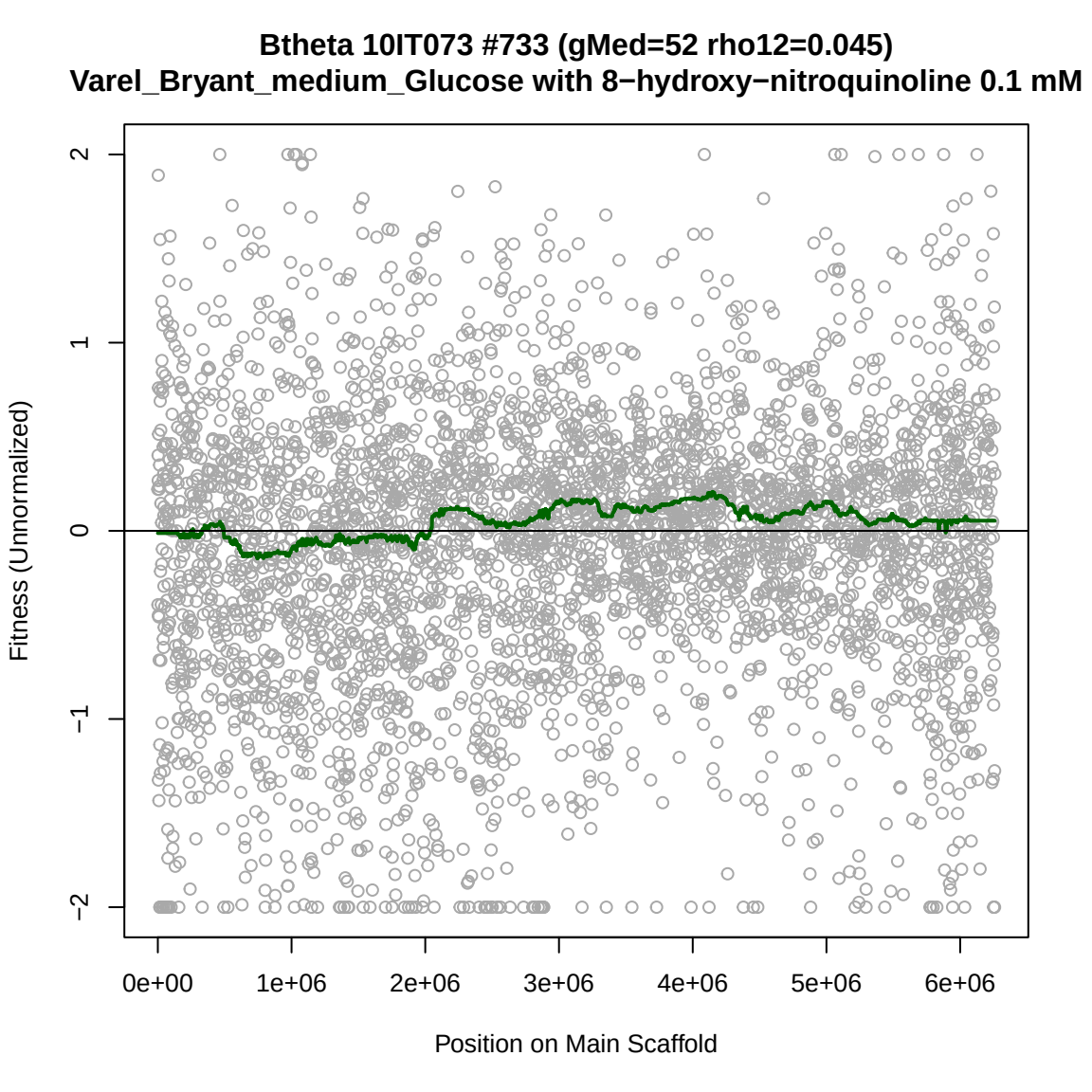

Btheta 10IT067 #728 (gMed=114 rho12=0.170)
Varel_Bryant_medium_Glucose with Zinc Pyrithione 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

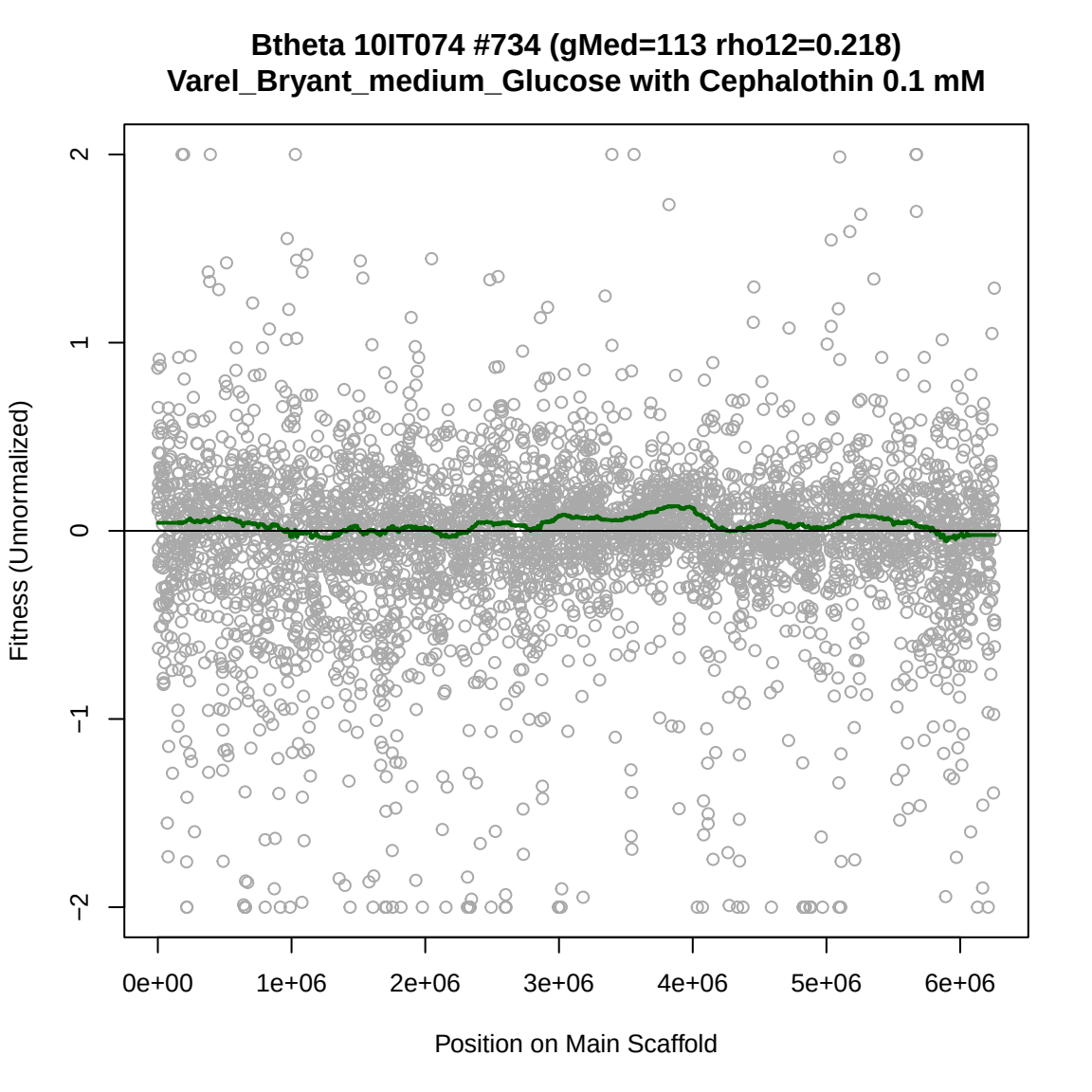

Btheta 10IT068 #729 (gMed=118 rho12=0.232)
Varel_Bryant_medium_Glucose with Oxytetracycline 0.000390625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

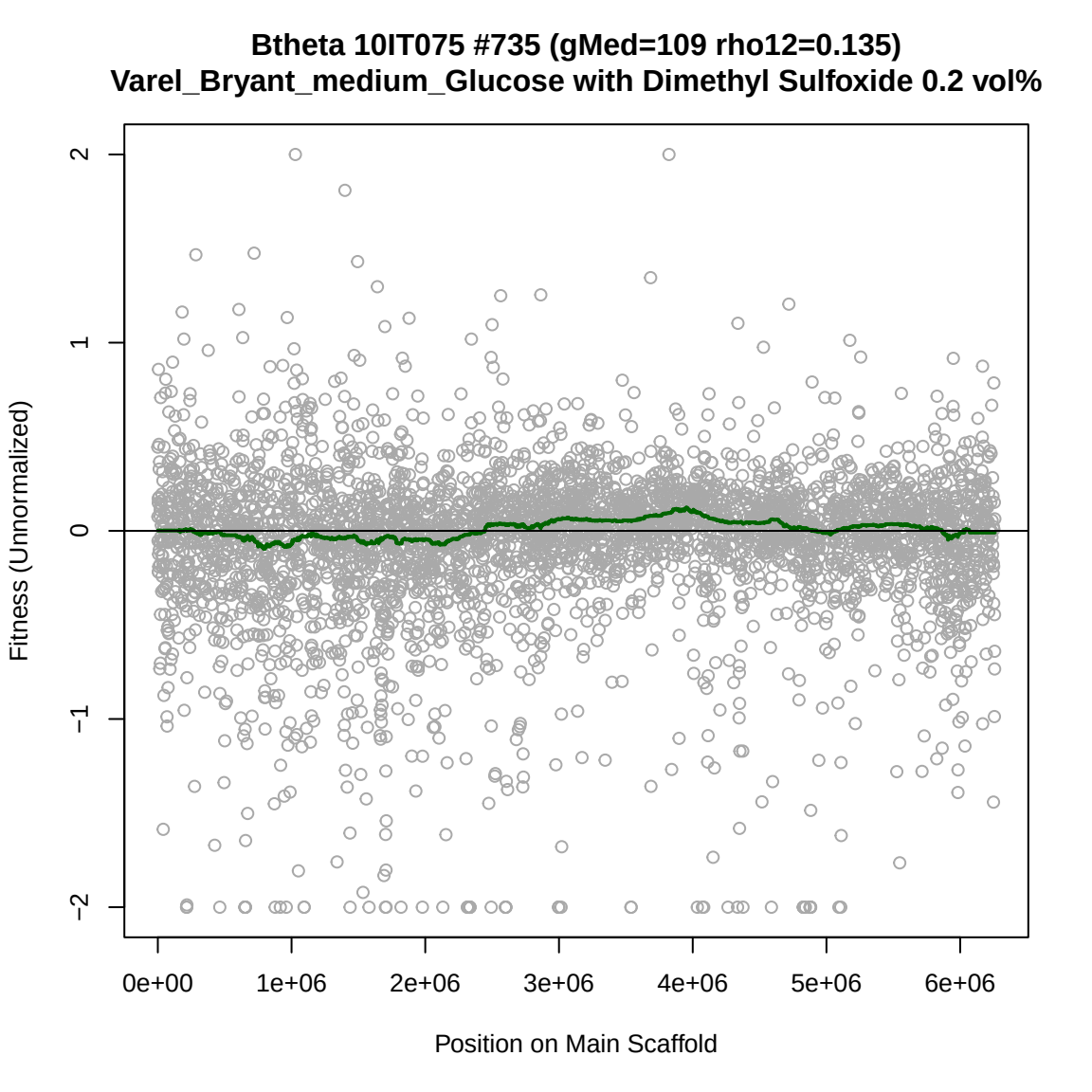

Btheta 10IT069 #730 (gMed=100 rho12=0.164)
Varel_Bryant_medium_Glucose with Benzethonium chloride 0.000390625 r
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

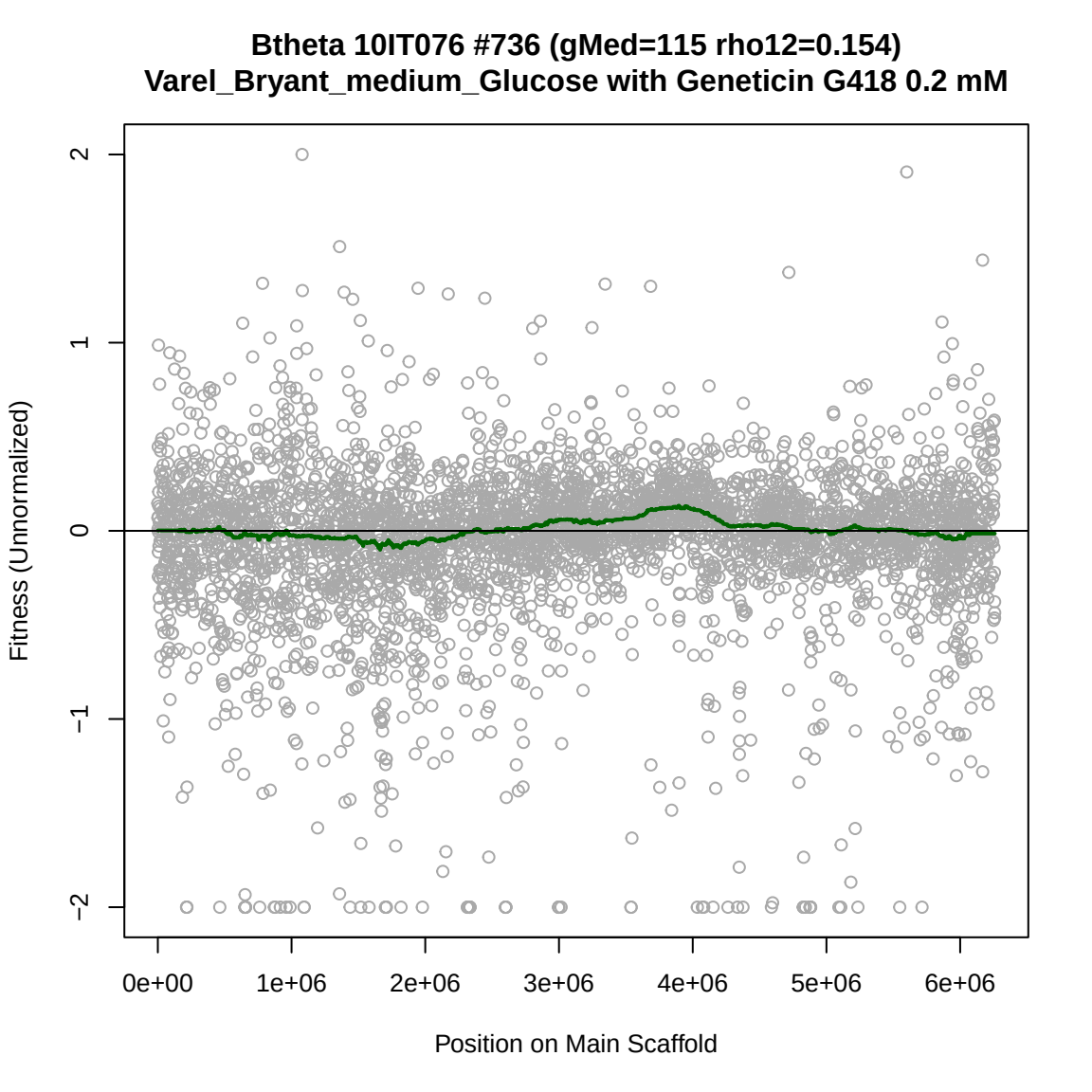

Btheta 10IT071 #731 (gMed=95 rho12=0.143)
Varel_Bryant_medium_Glucose with Phenazine ethosulfate 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

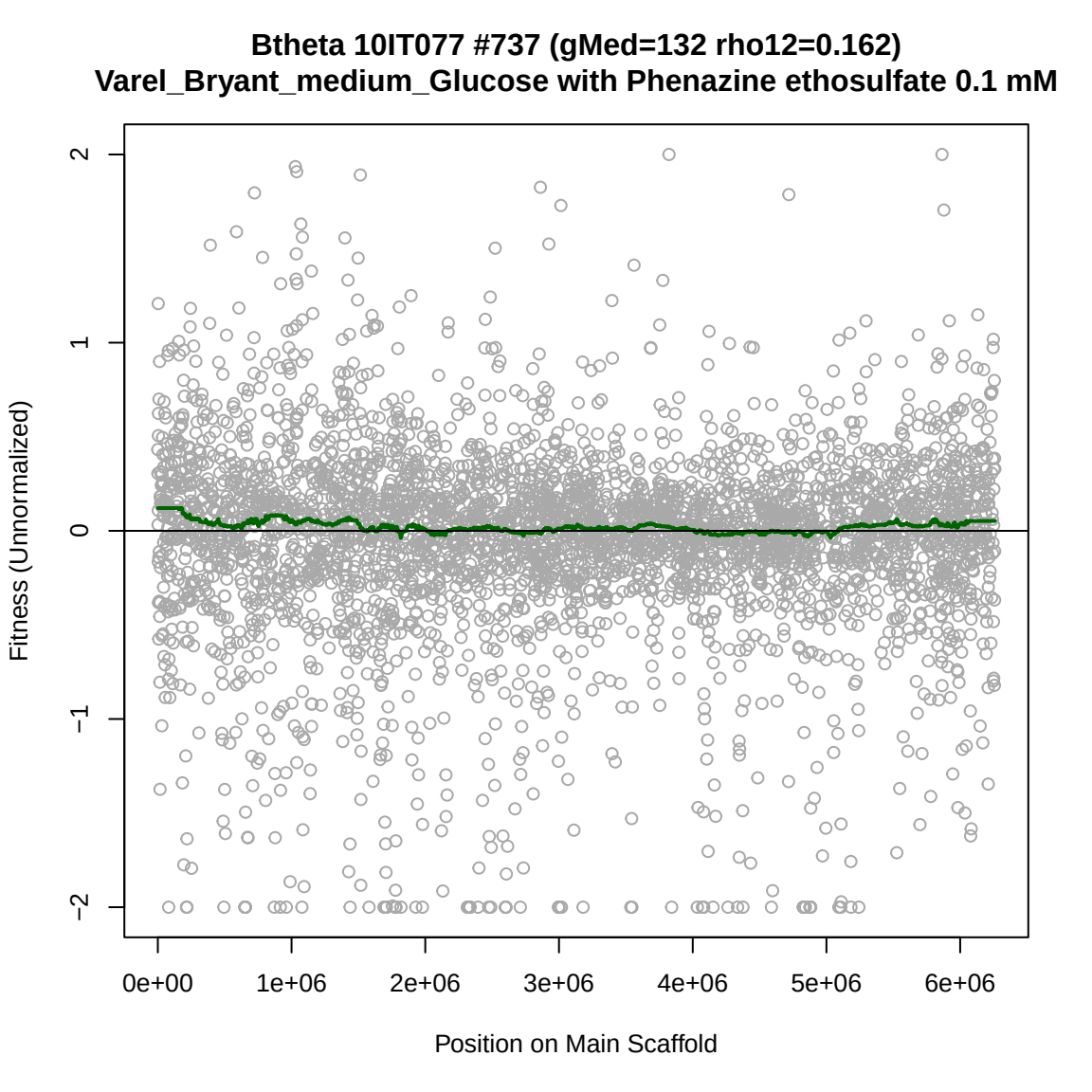

Btheta 10IT072 #732 (gMed=108 rho12=0.145)
Varel_Bryant_medium_Glucose with Sulfaquinoxaline 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

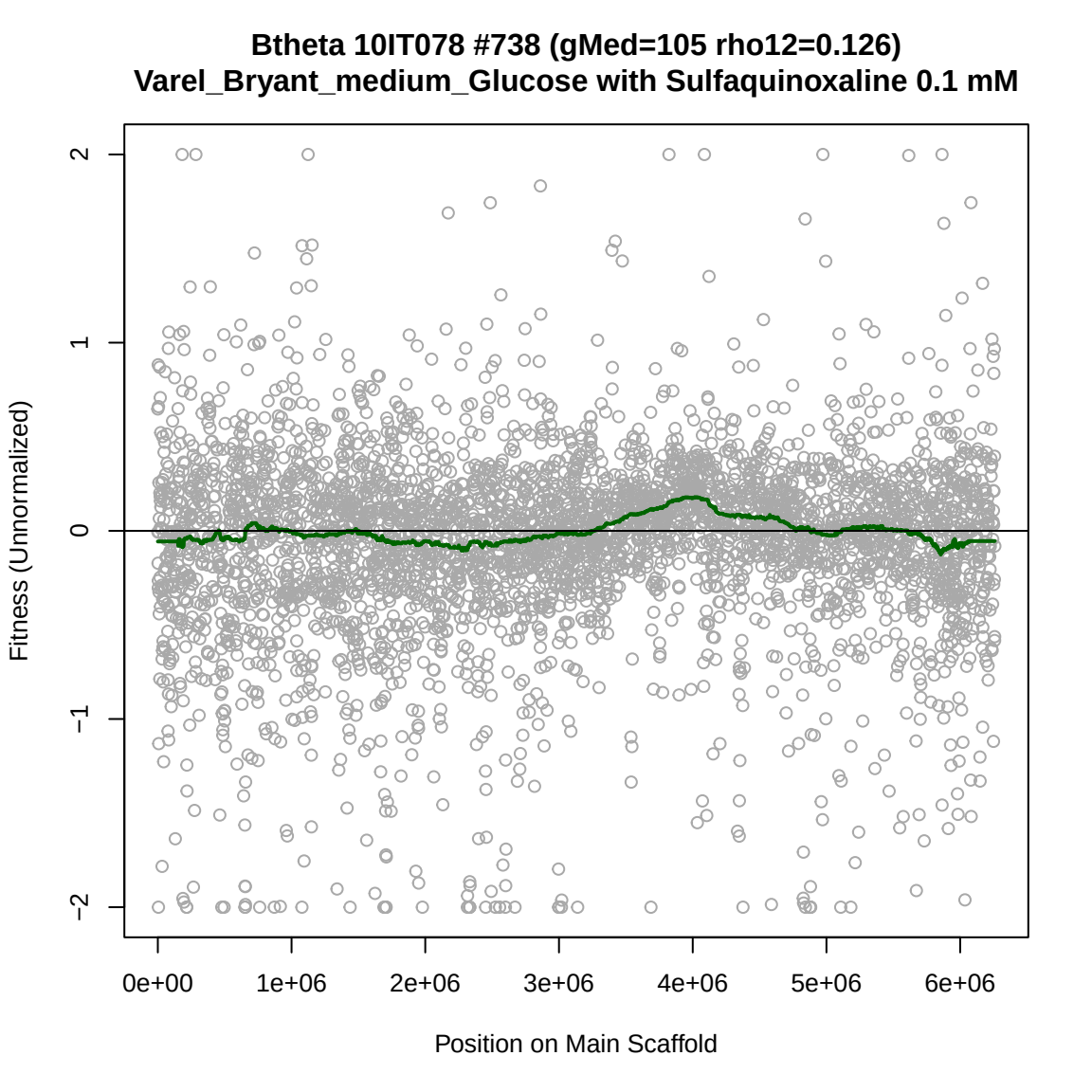

Btheta 10IT073 #733 (gMed=52 rho12=0.045)
Varel_Bryant_medium_Glucose with 8−hydroxy−nitroquinoline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

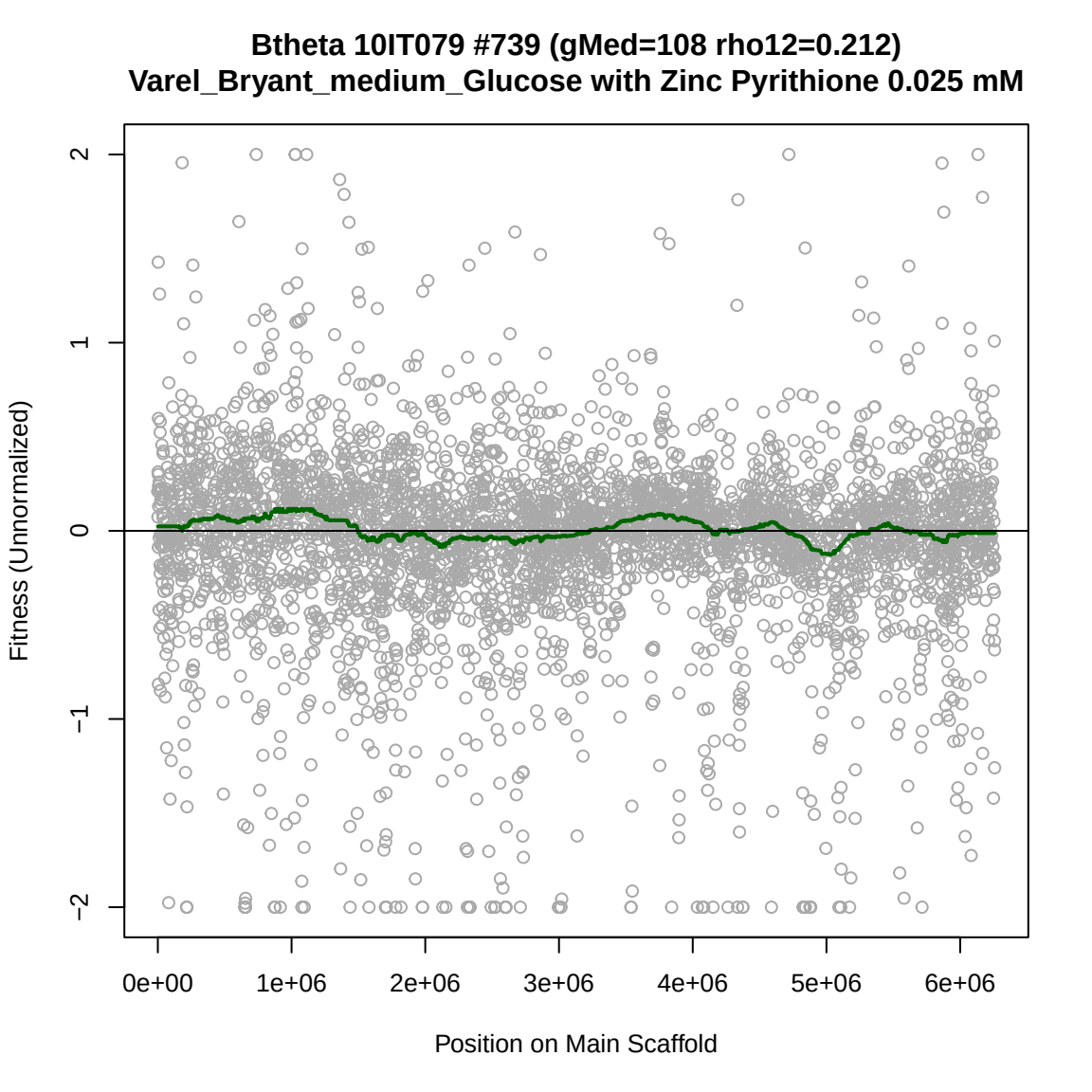

Btheta 10IT074 #734 (gMed=113 rho12=0.218)
Varel_Bryant_medium_Glucose with Cephalothin 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

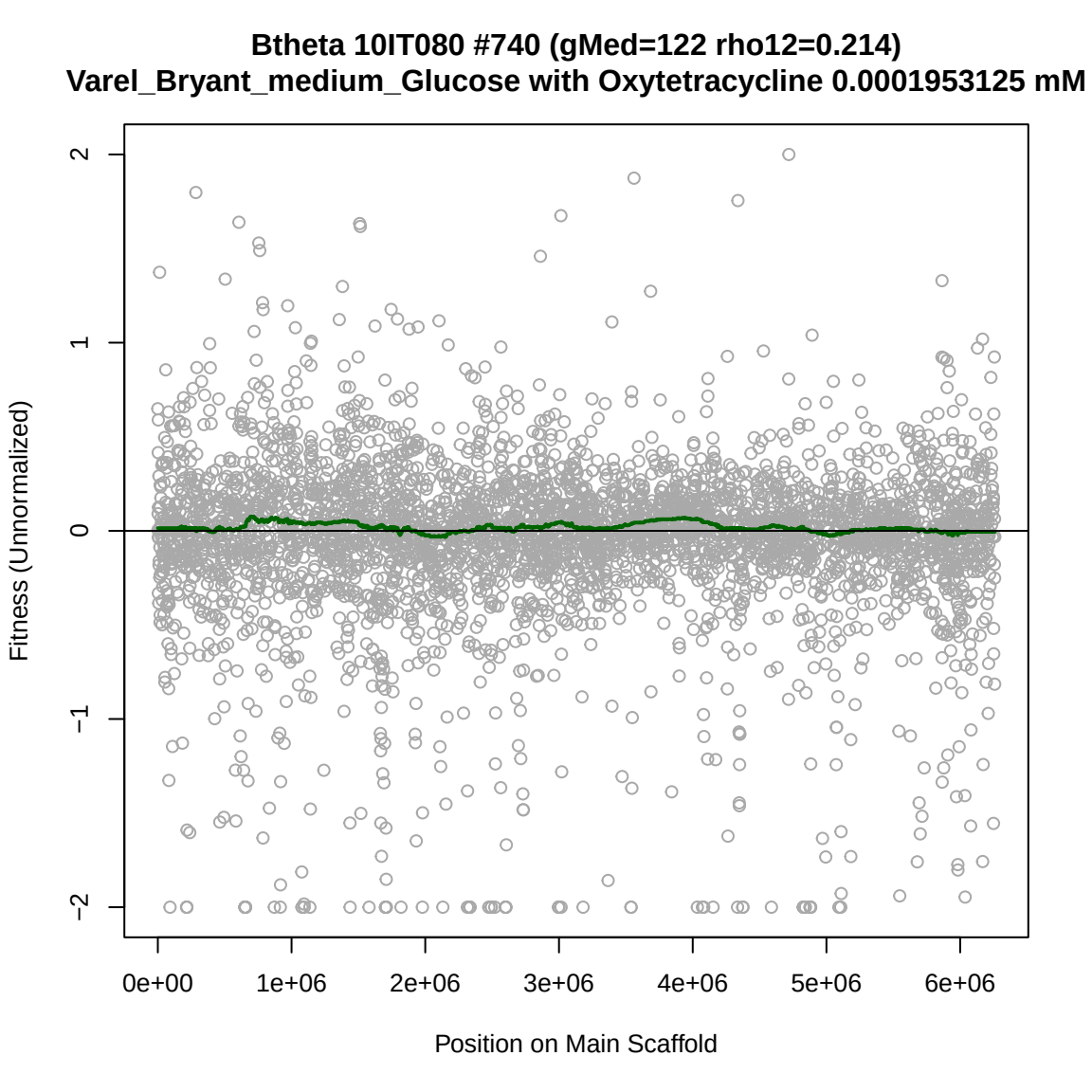

Btheta 10IT075 #735 (gMed=109 rho12=0.135)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

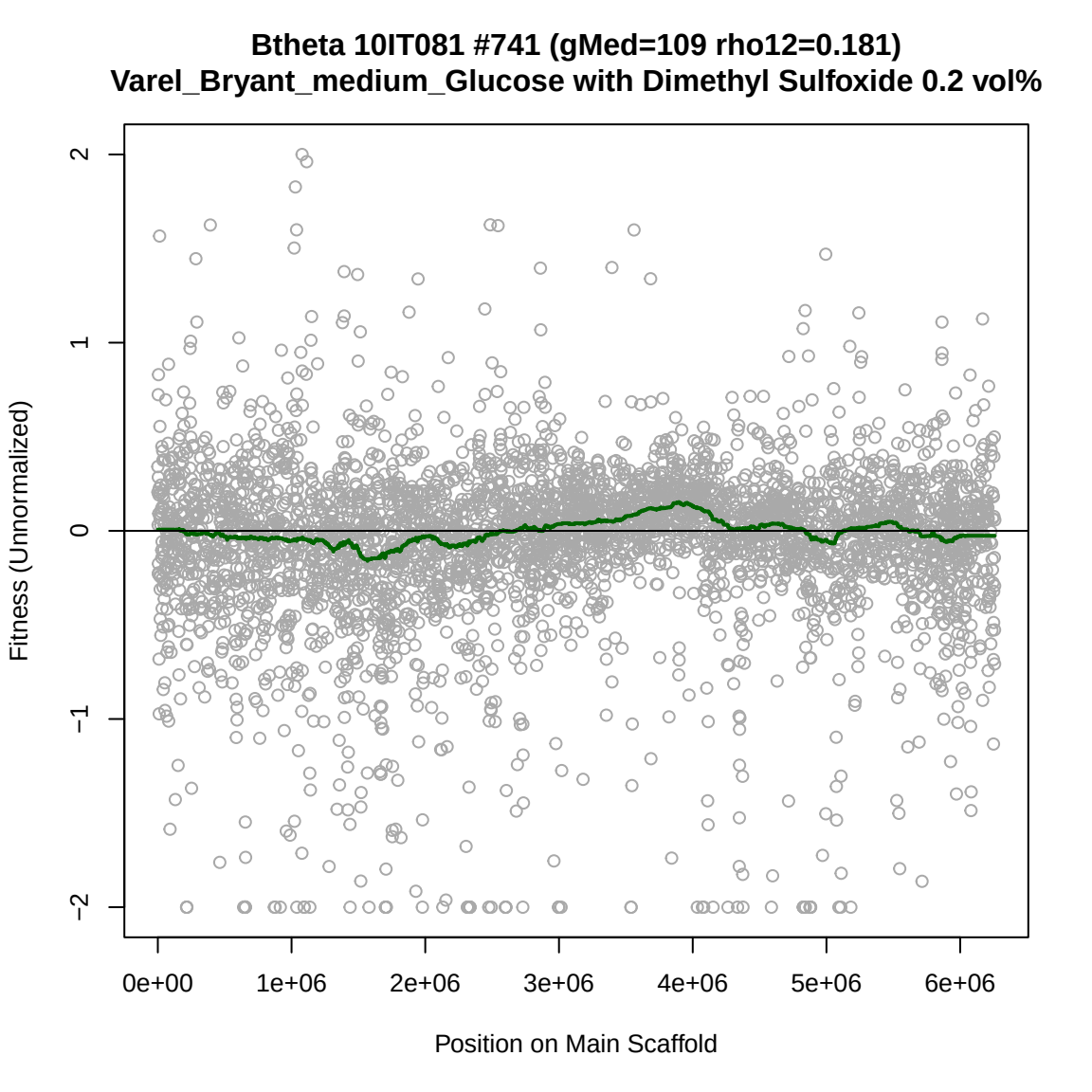

Btheta 10IT076 #736 (gMed=115 rho12=0.154)
Varel_Bryant_medium_Glucose with Geneticin G418 0.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

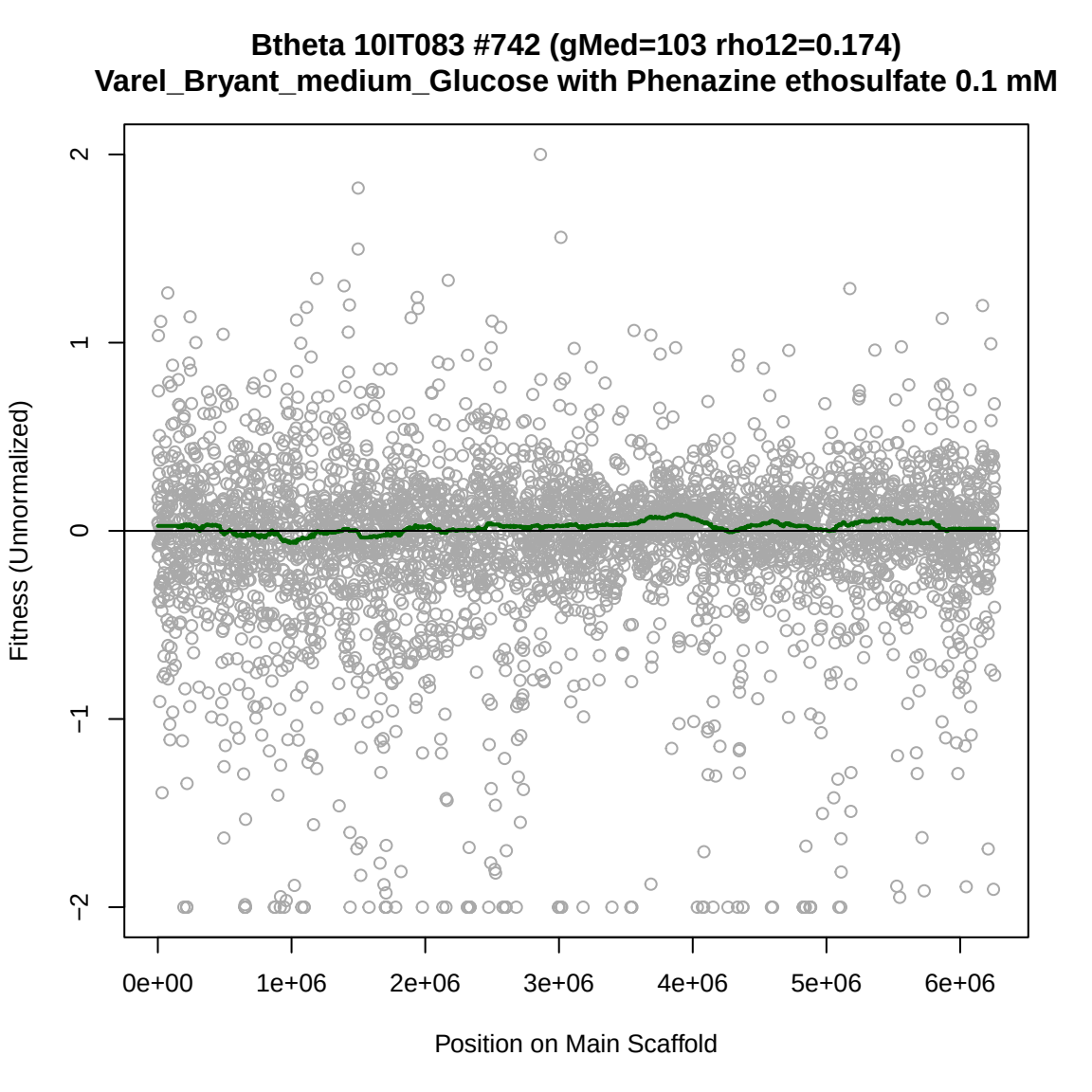

Btheta 10IT077 #737 (gMed=132 rho12=0.162)
Varel_Bryant_medium_Glucose with Phenazine ethosulfate 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

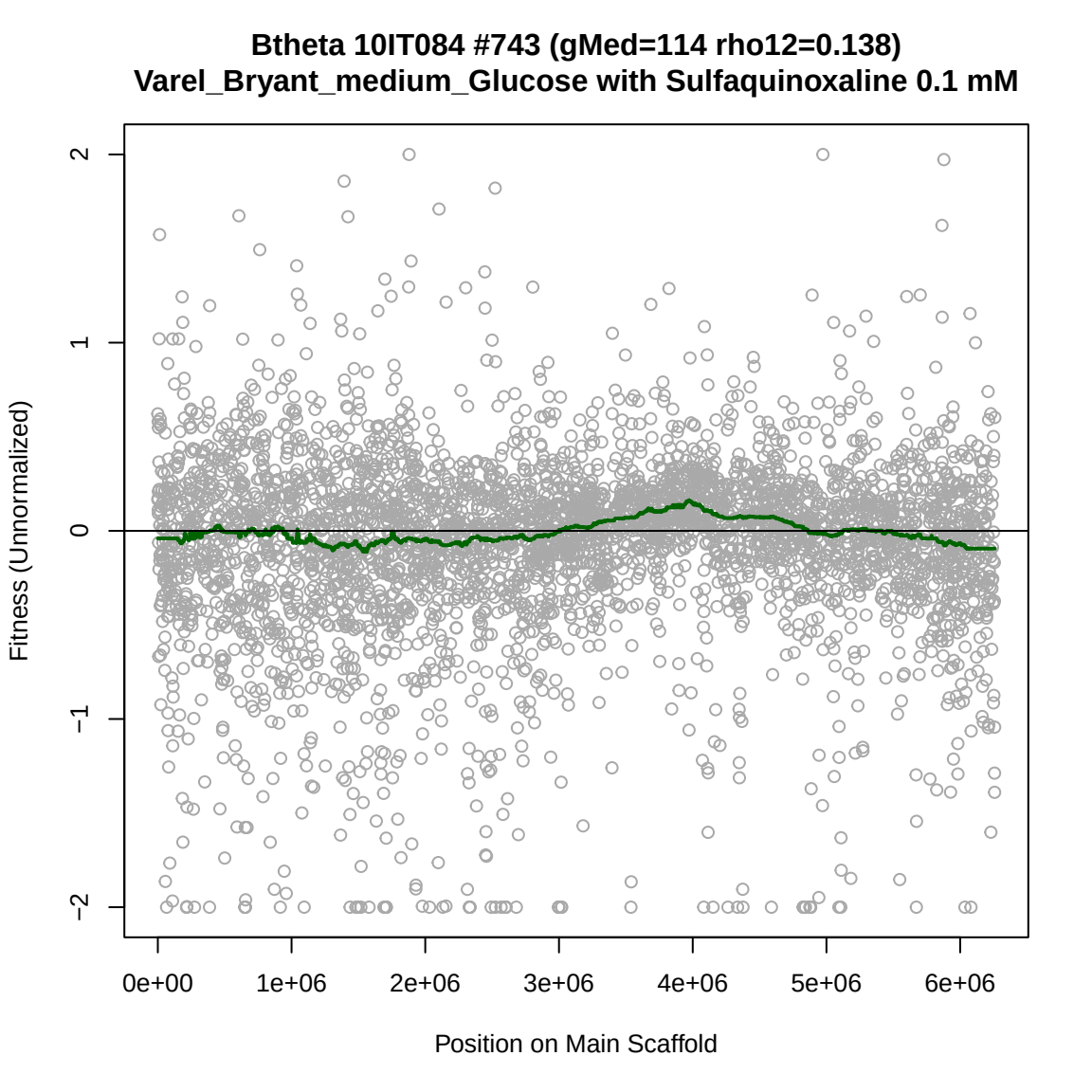

Btheta 10IT078 #738 (gMed=105 rho12=0.126)
Varel_Bryant_medium_Glucose with Sulfaquinoxaline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

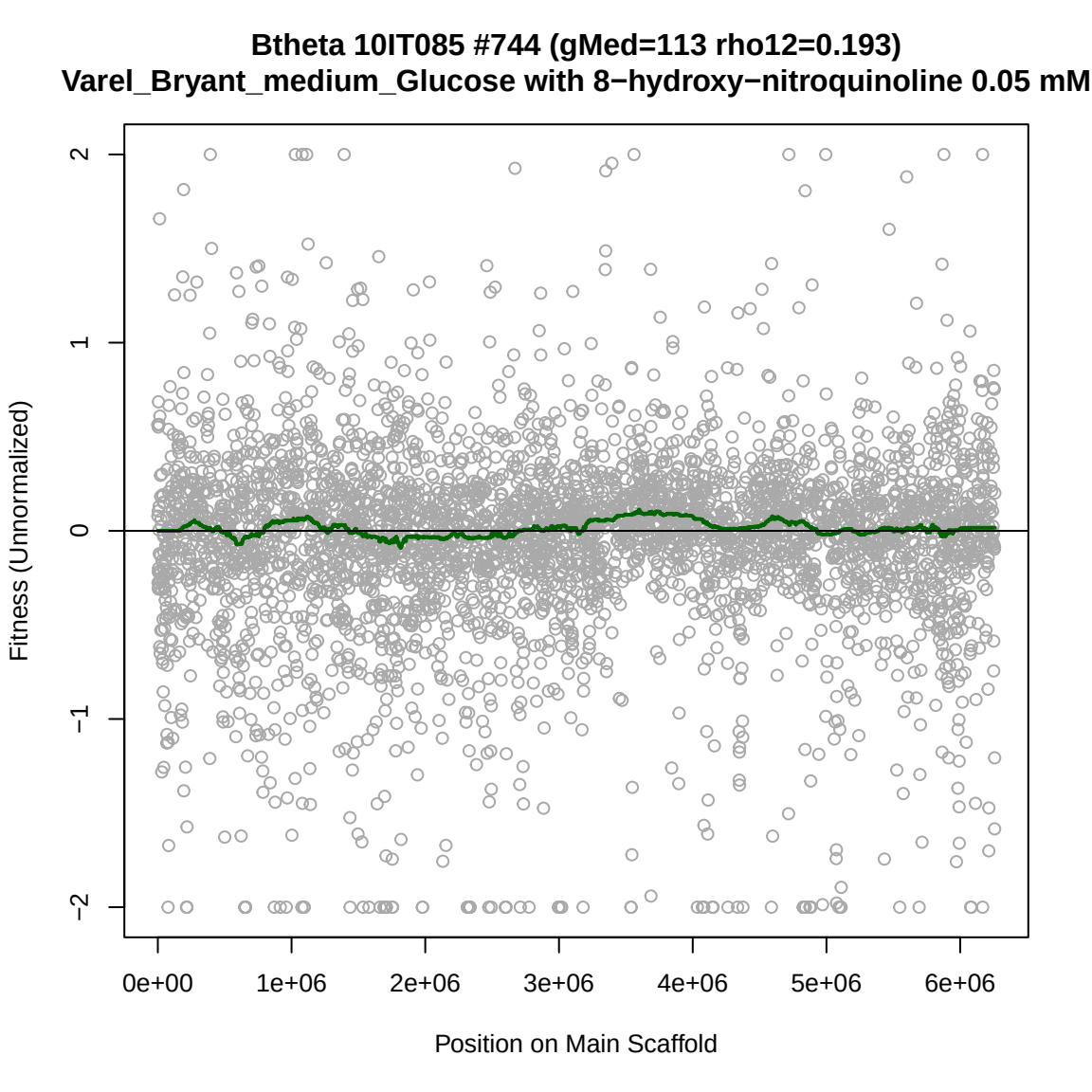

Btheta 10IT079 #739 (gMed=108 rho12=0.212)
Varel_Bryant_medium_Glucose with Zinc Pyrithione 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

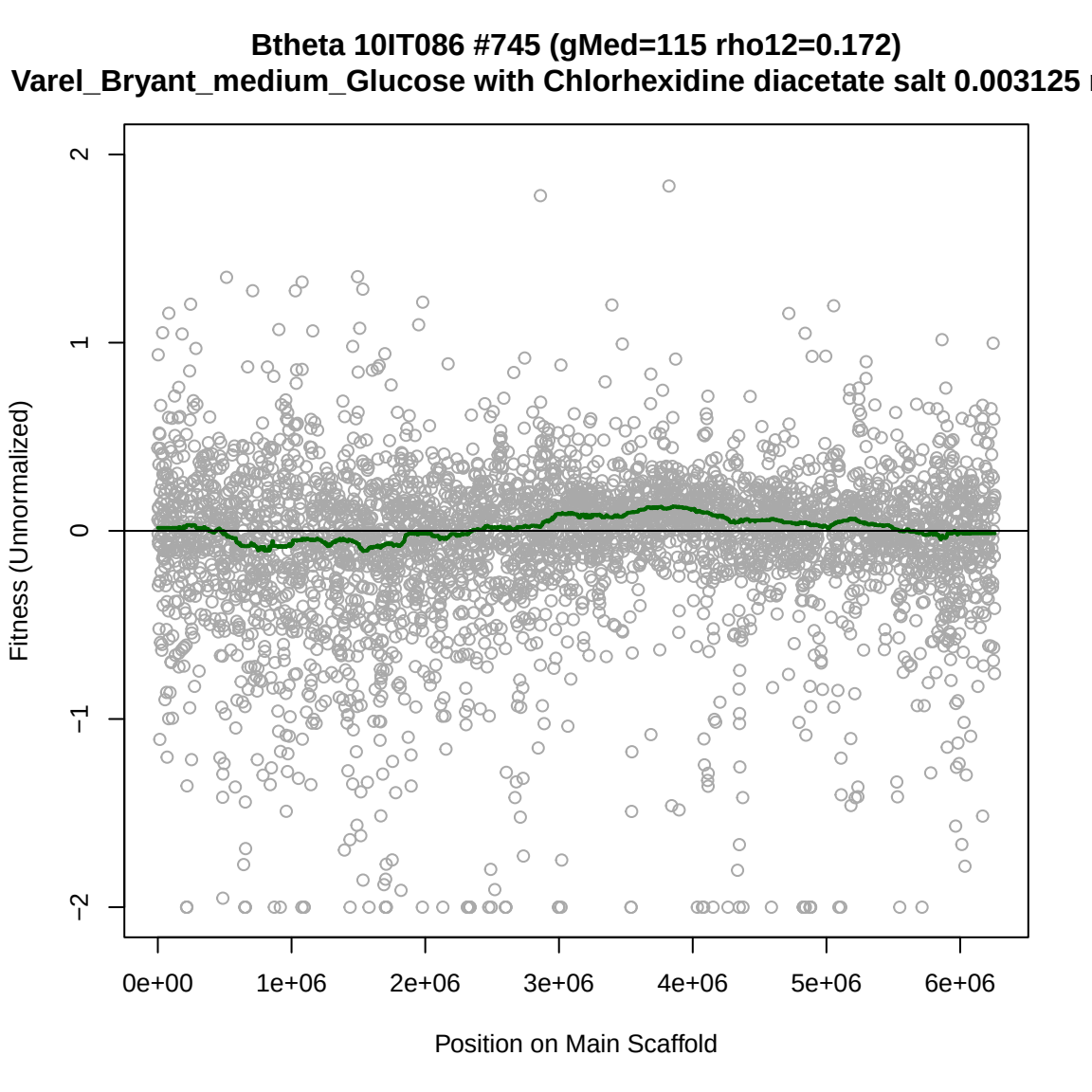

Btheta 10IT080 #740 (gMed=122 rho12=0.214)
Varel_Bryant_medium_Glucose with Oxytetracycline 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

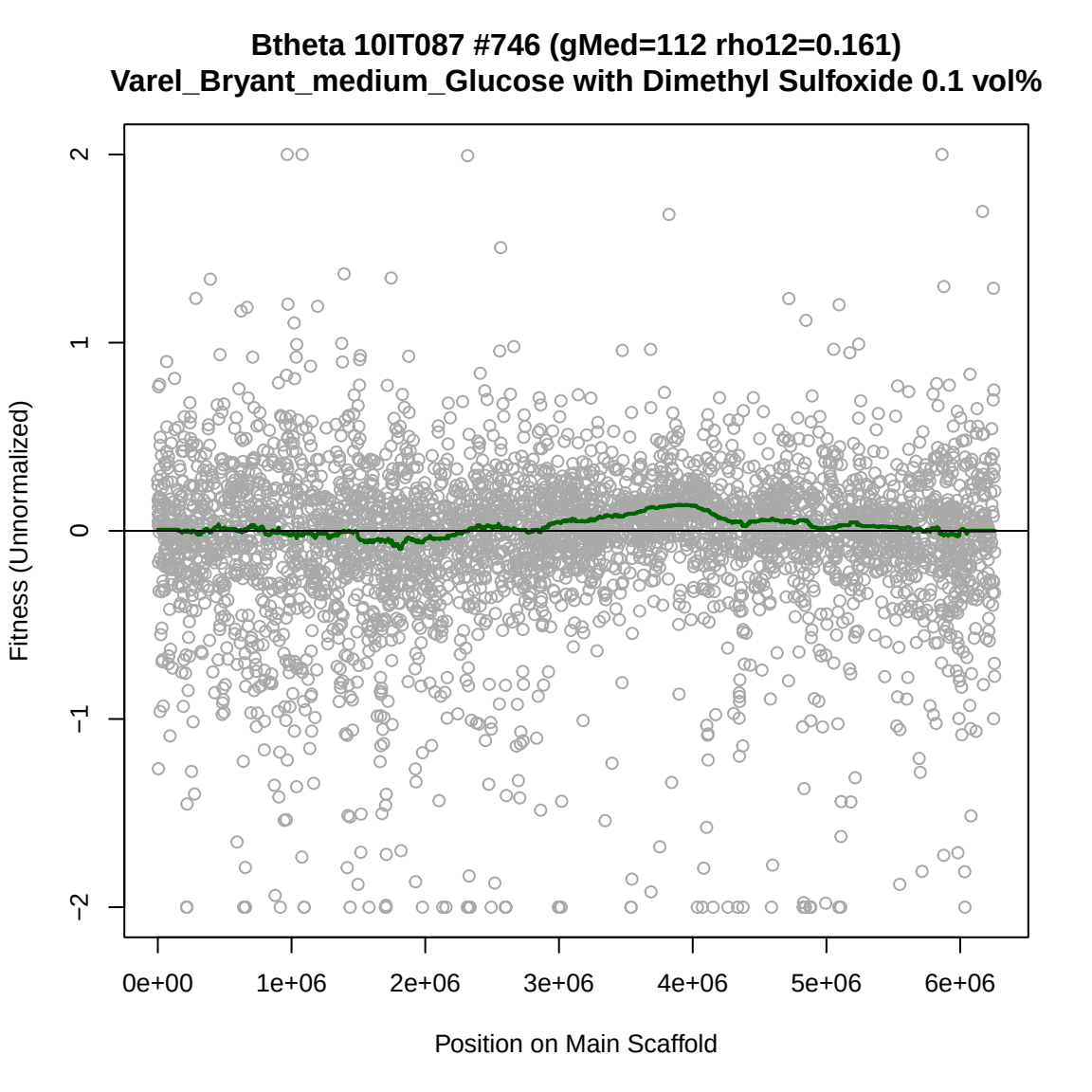

Btheta 10IT081 #741 (gMed=109 rho12=0.181)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

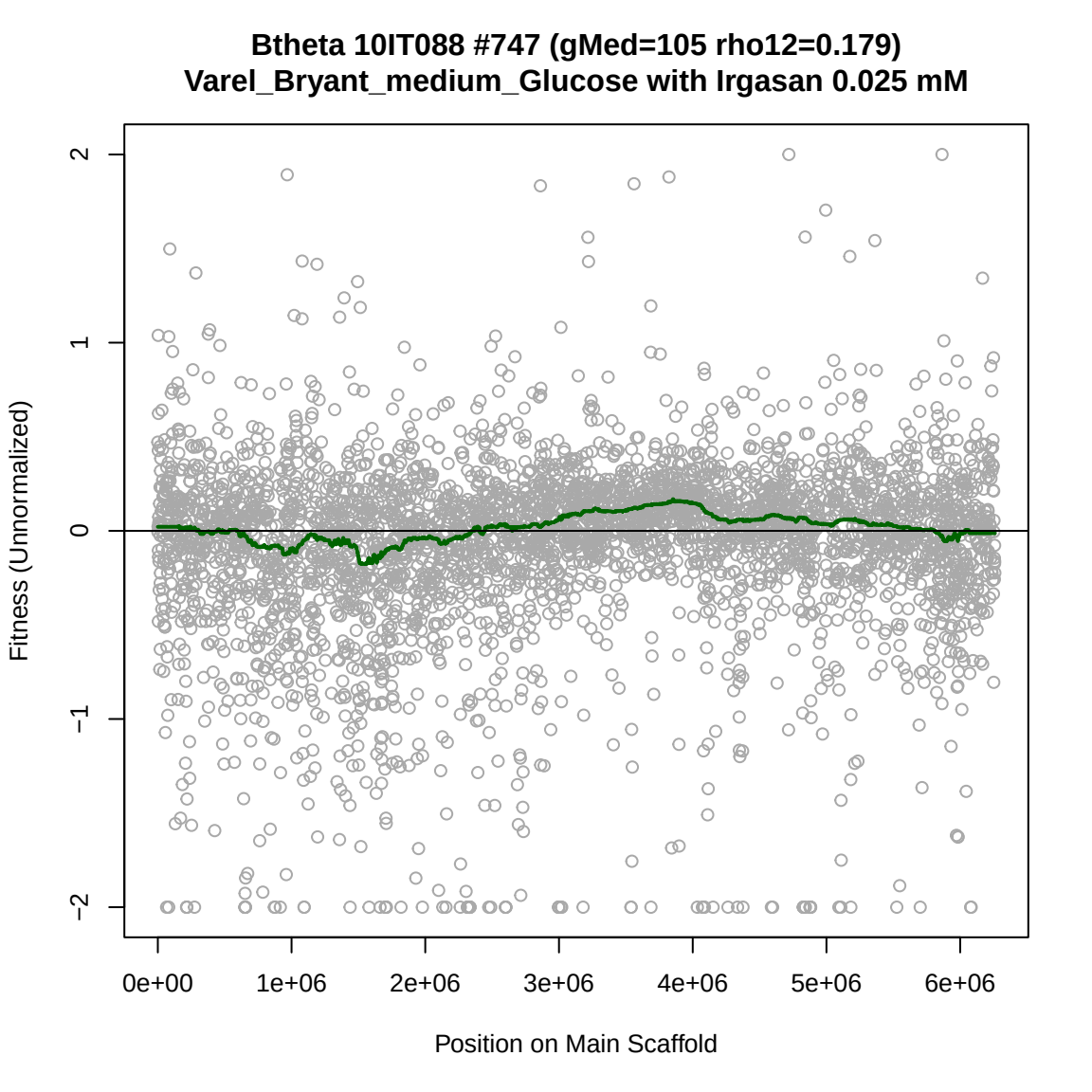

Btheta 10IT083 #742 (gMed=103 rho12=0.174)
Varel_Bryant_medium_Glucose with Phenazine ethosulfate 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

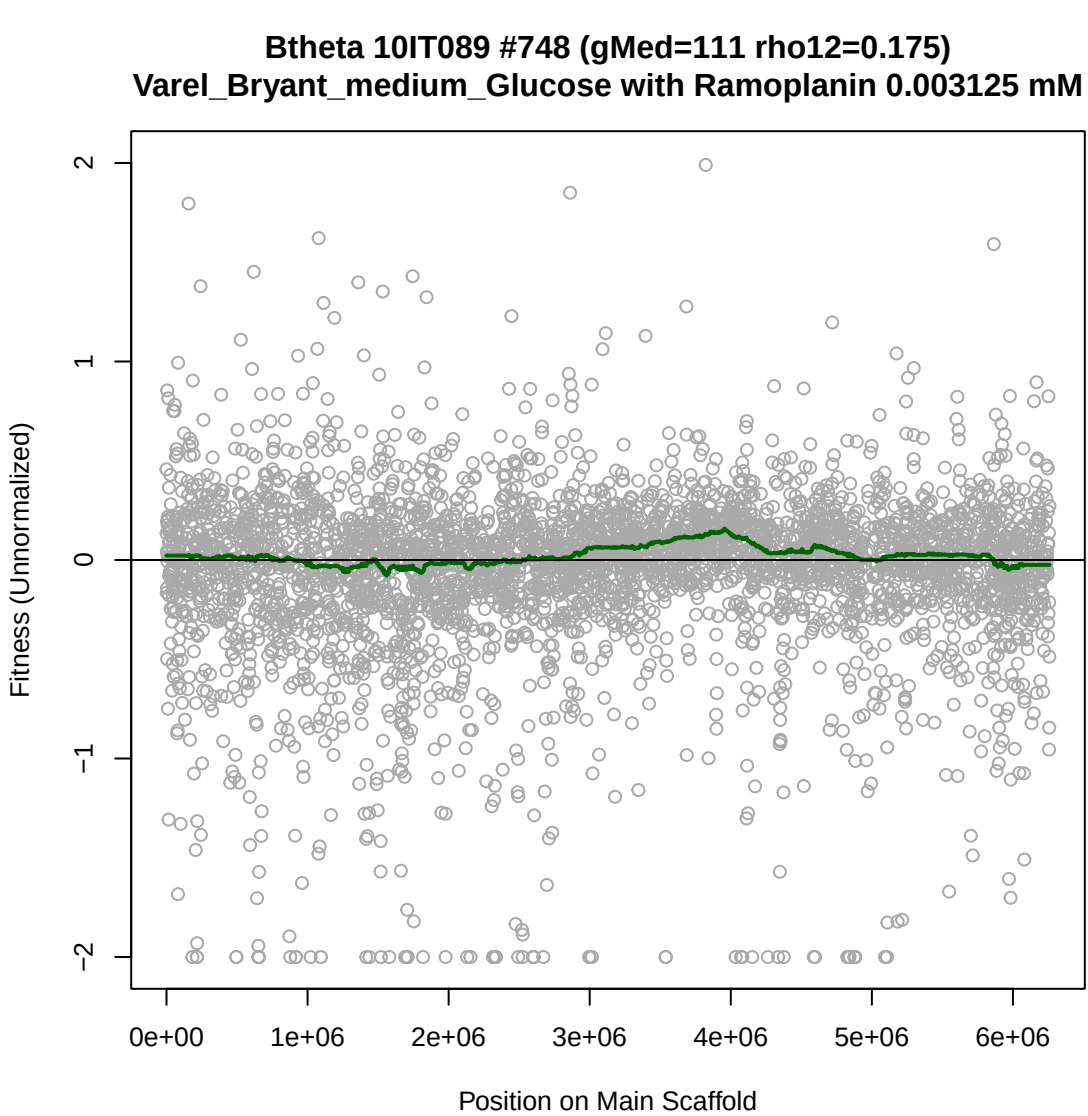

Btheta 10IT084 #743 (gMed=114 rho12=0.138)
Varel_Bryant_medium_Glucose with Sulfaquinoxaline 0.1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

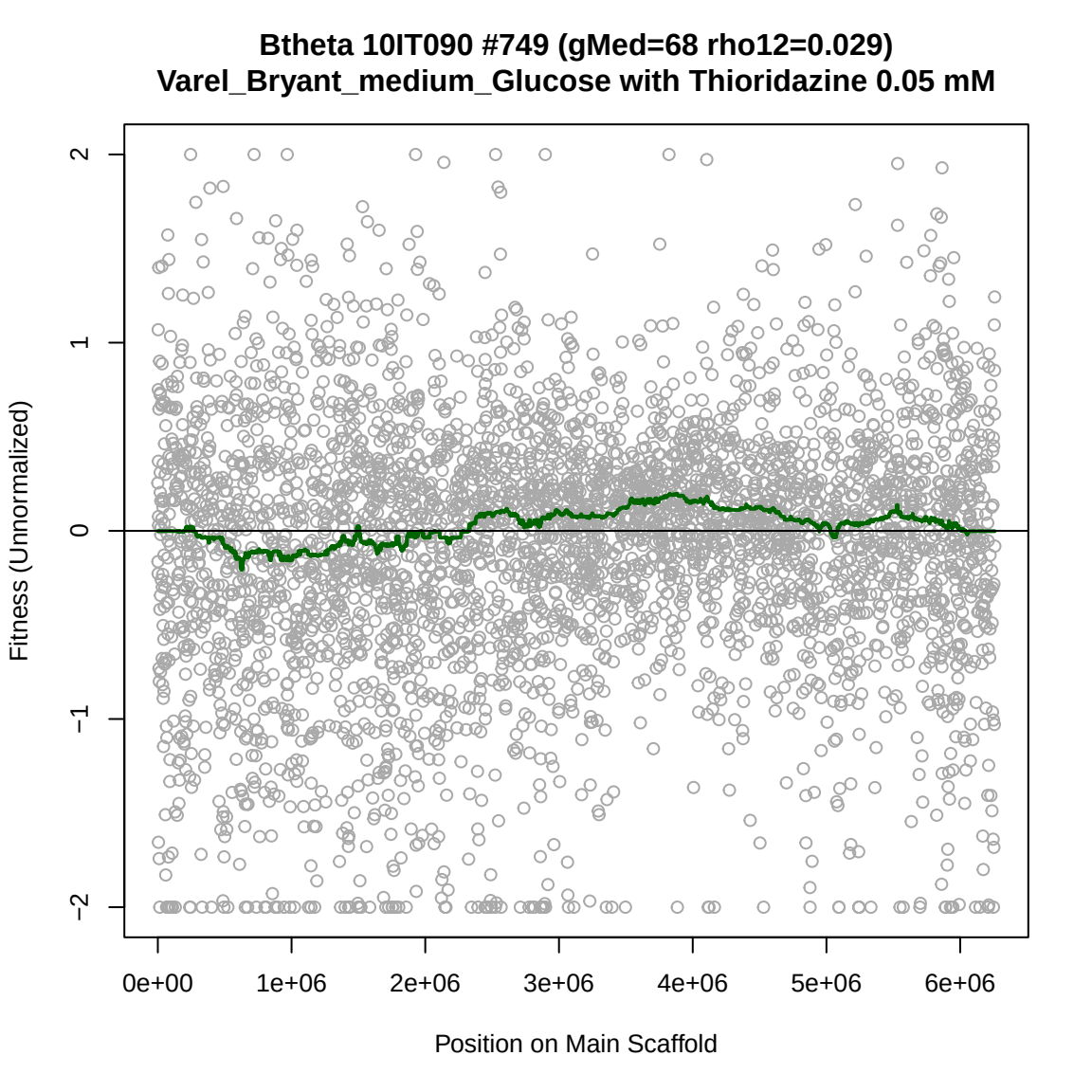

Btheta 10IT085 #744 (gMed=113 rho12=0.193)
Varel_Bryant_medium_Glucose with 8−hydroxy−nitroquinoline 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

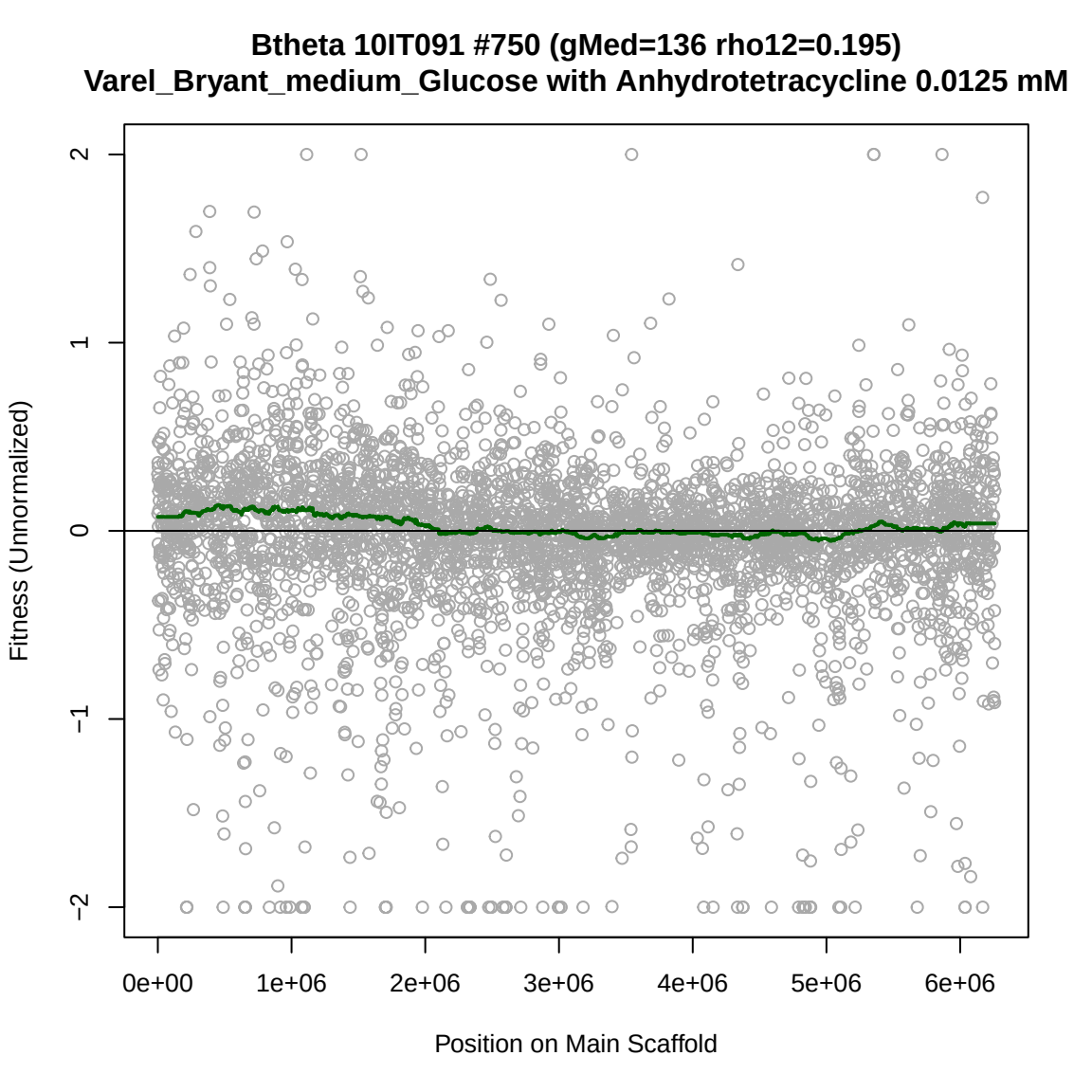

Btheta 10IT086 #745 (gMed=115 rho12=0.172)
Varel_Bryant_medium_Glucose with Chlorhexidine diacetate salt 0.003125
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

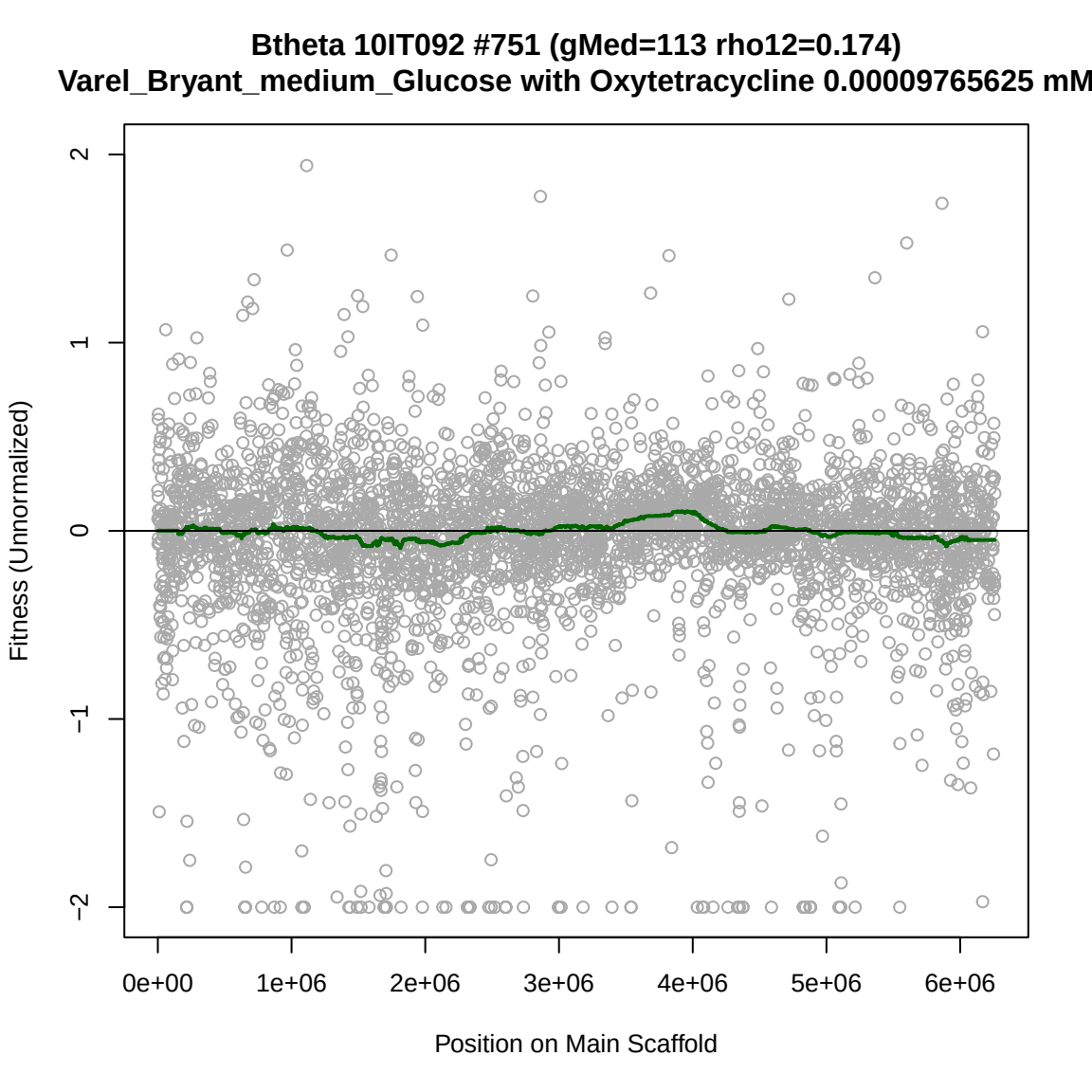

Btheta 10IT087 #746 (gMed=112 rho12=0.161)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.1 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

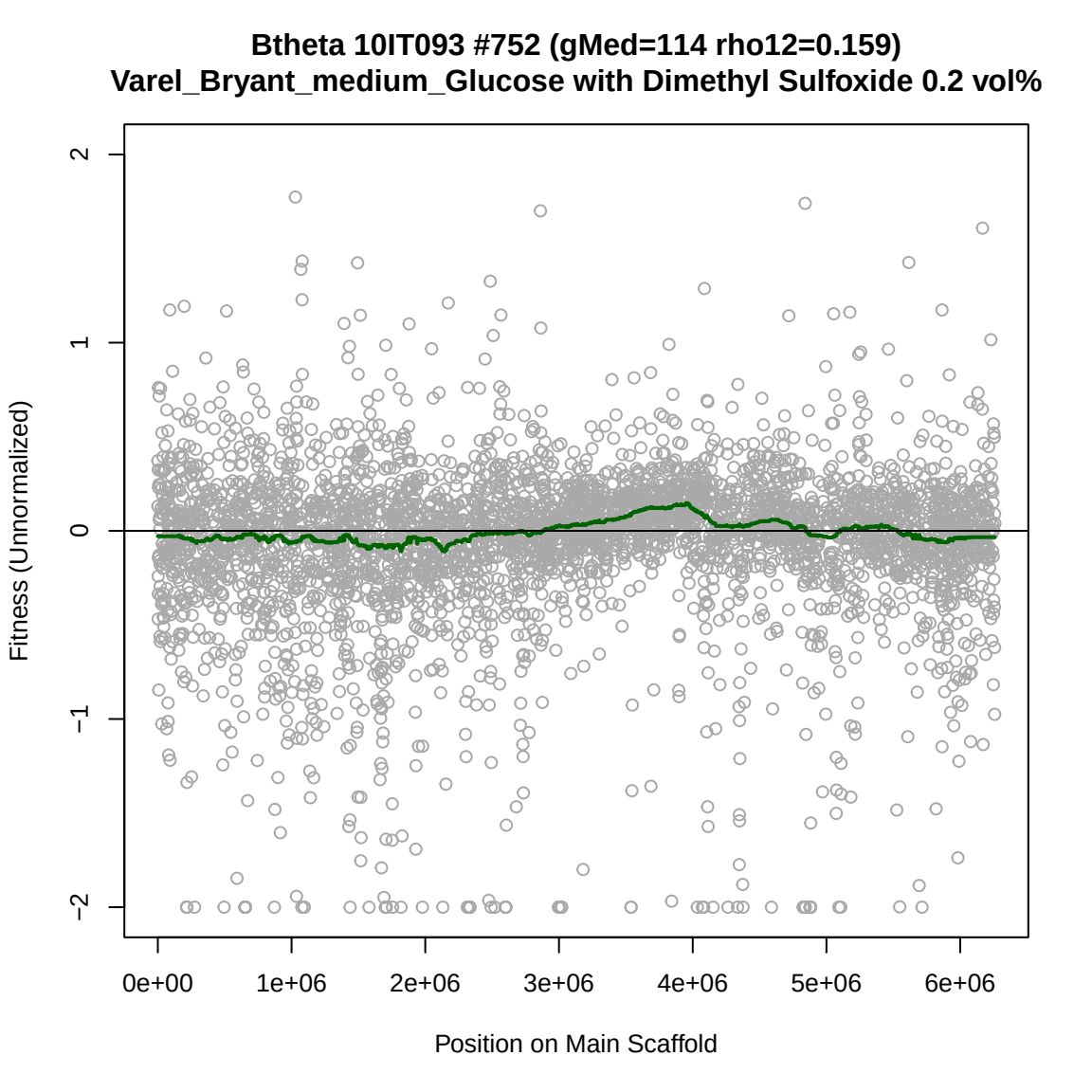

Btheta 10IT088 #747 (gMed=105 rho12=0.179)
Varel_Bryant_medium_Glucose with Irgasan 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

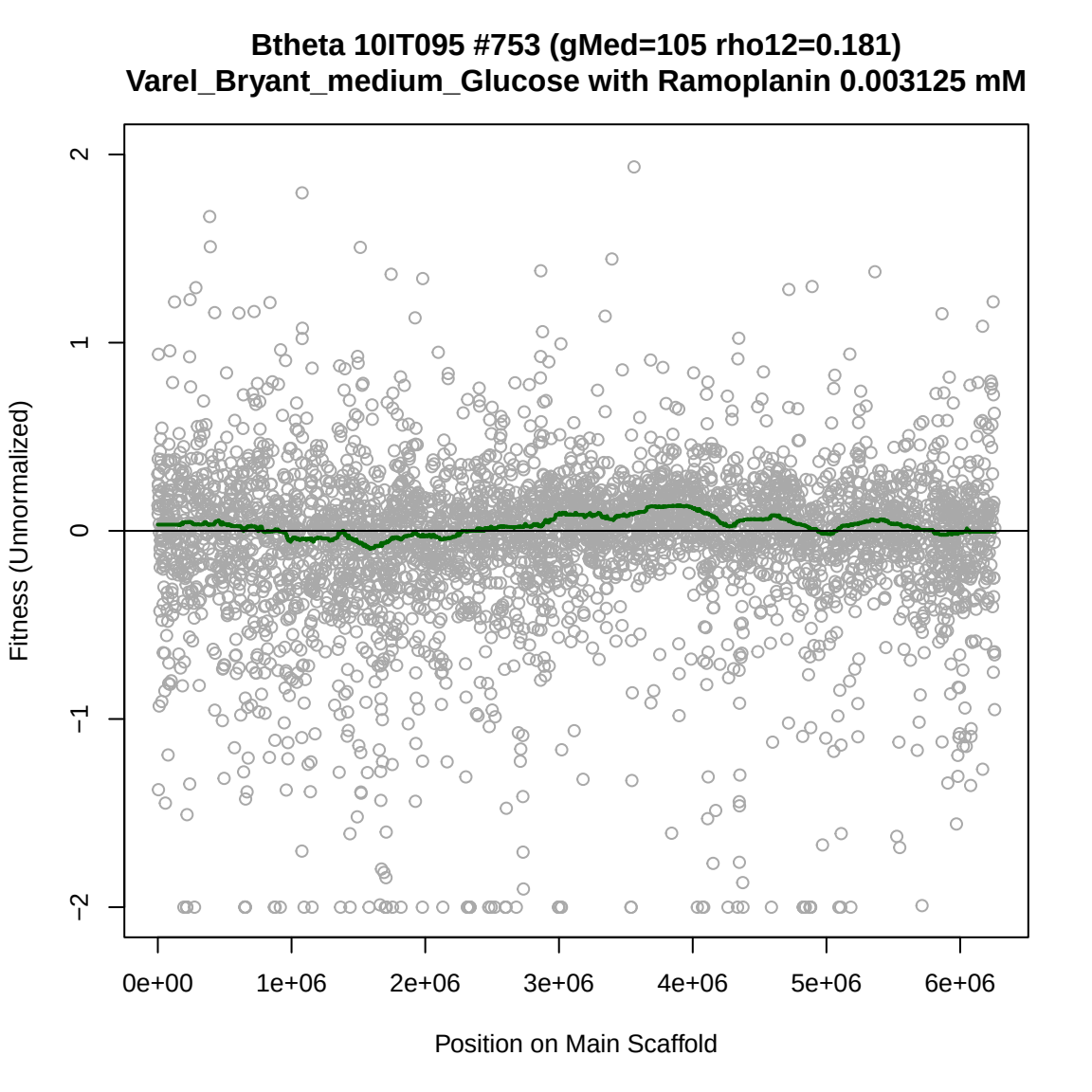

Btheta 10IT089 #748 (gMed=111 rho12=0.175)
Varel_Bryant_medium_Glucose with Ramoplanin 0.003125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

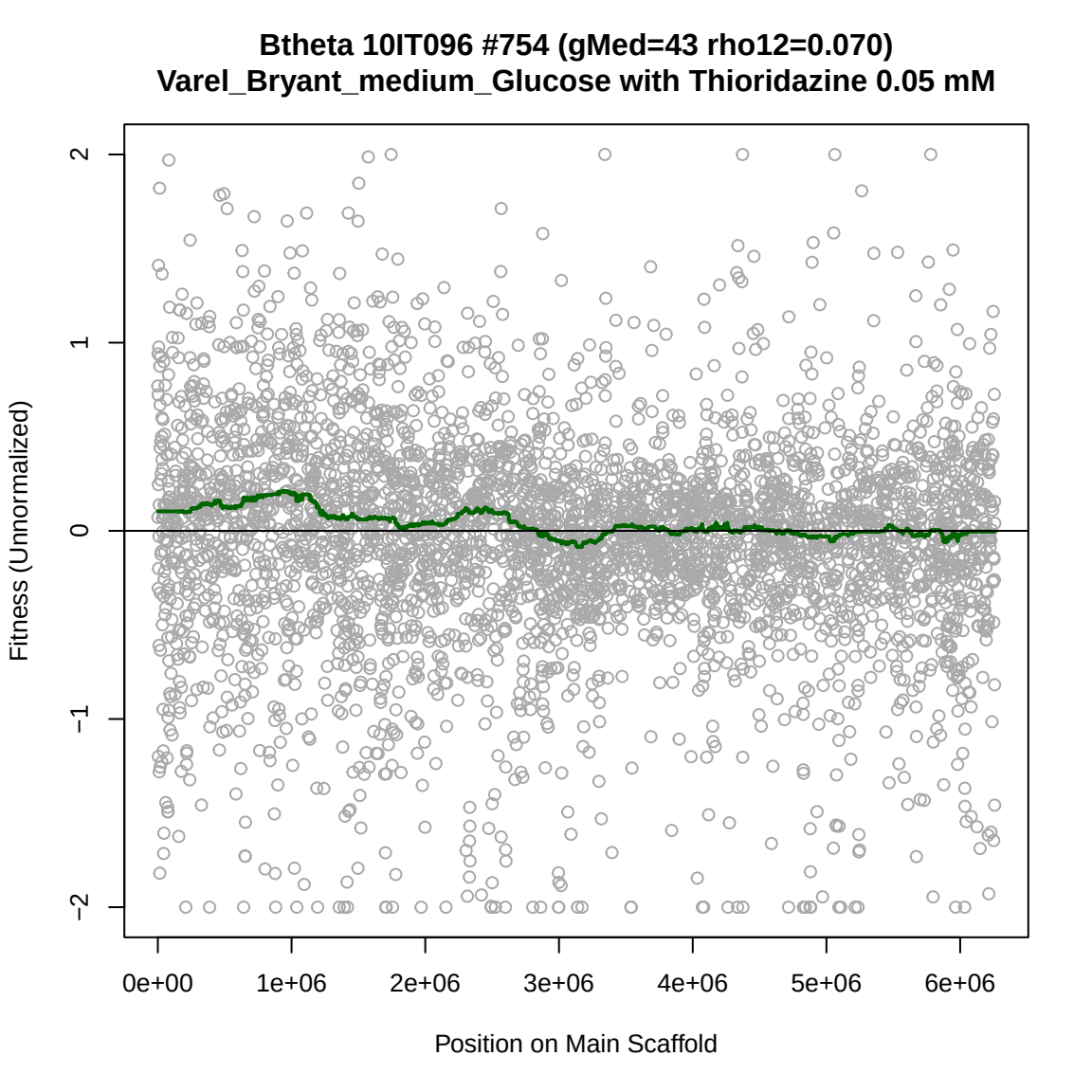

Btheta 10IT090 #749 (gMed=68 rho12=0.029)
Varel_Bryant_medium_Glucose with Thioridazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

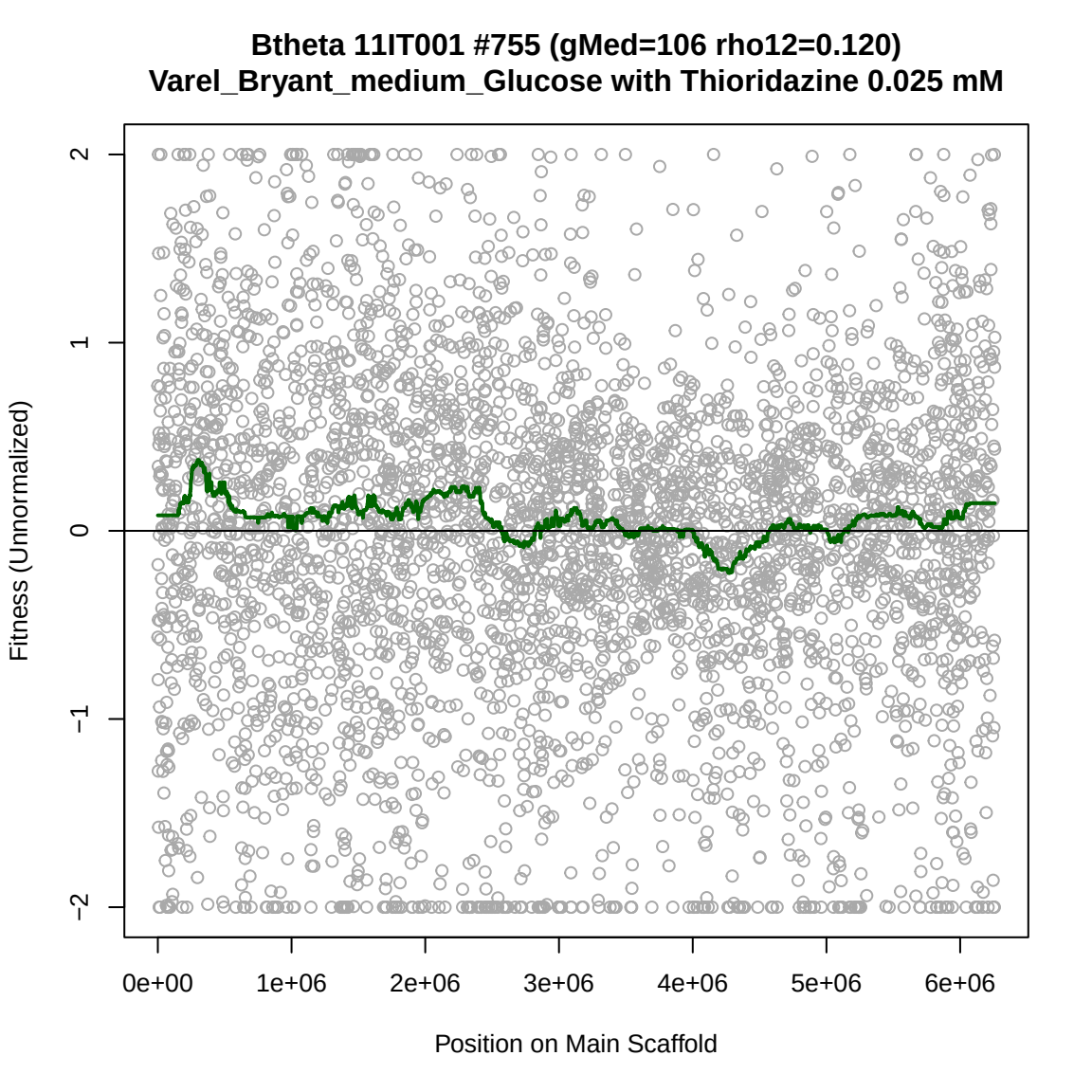

Btheta 10IT091 #750 (gMed=136 rho12=0.195)
Varel_Bryant_medium_Glucose with Anhydrotetracycline 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

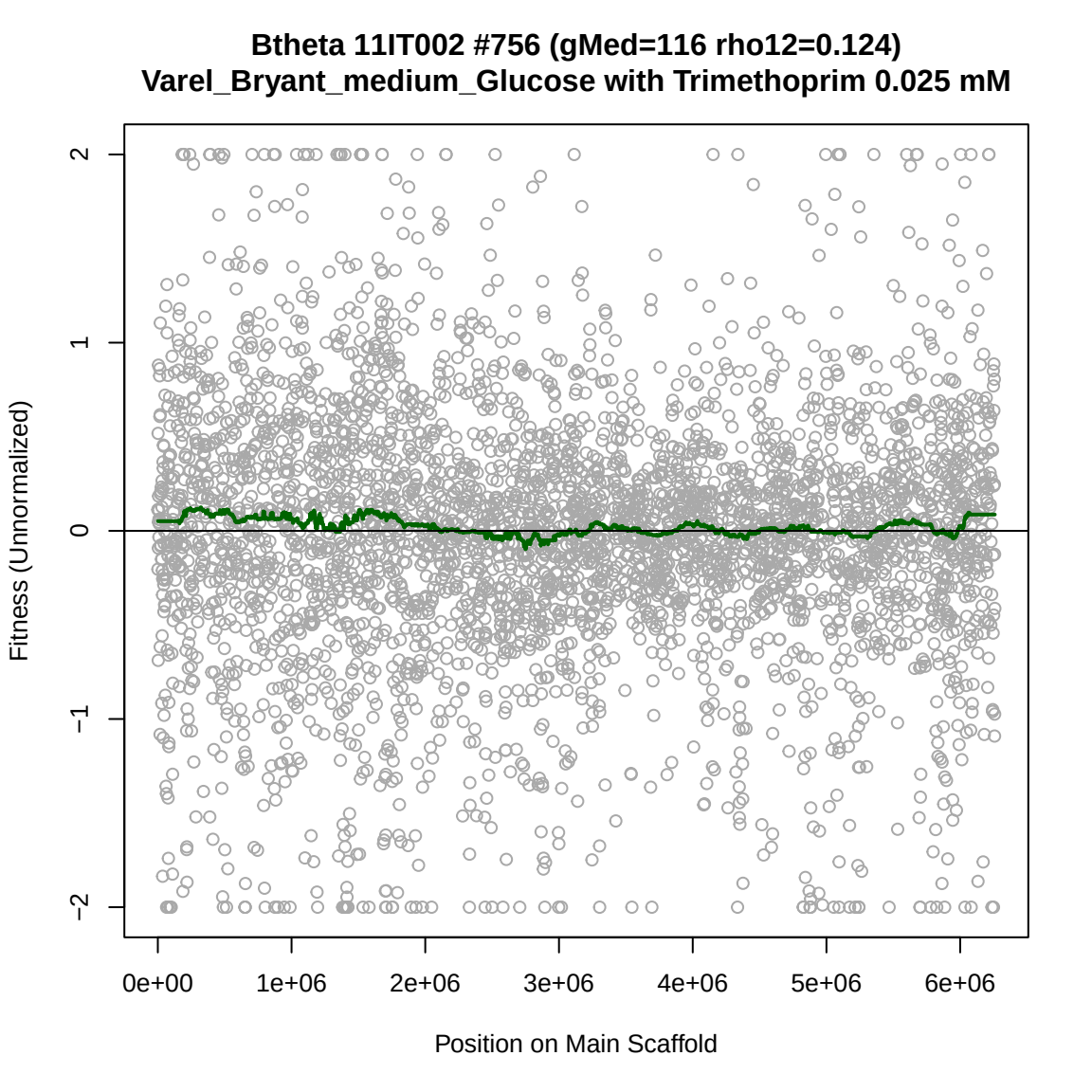

Btheta 10IT092 #751 (gMed=113 rho12=0.174)
Varel_Bryant_medium_Glucose with Oxytetracycline 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

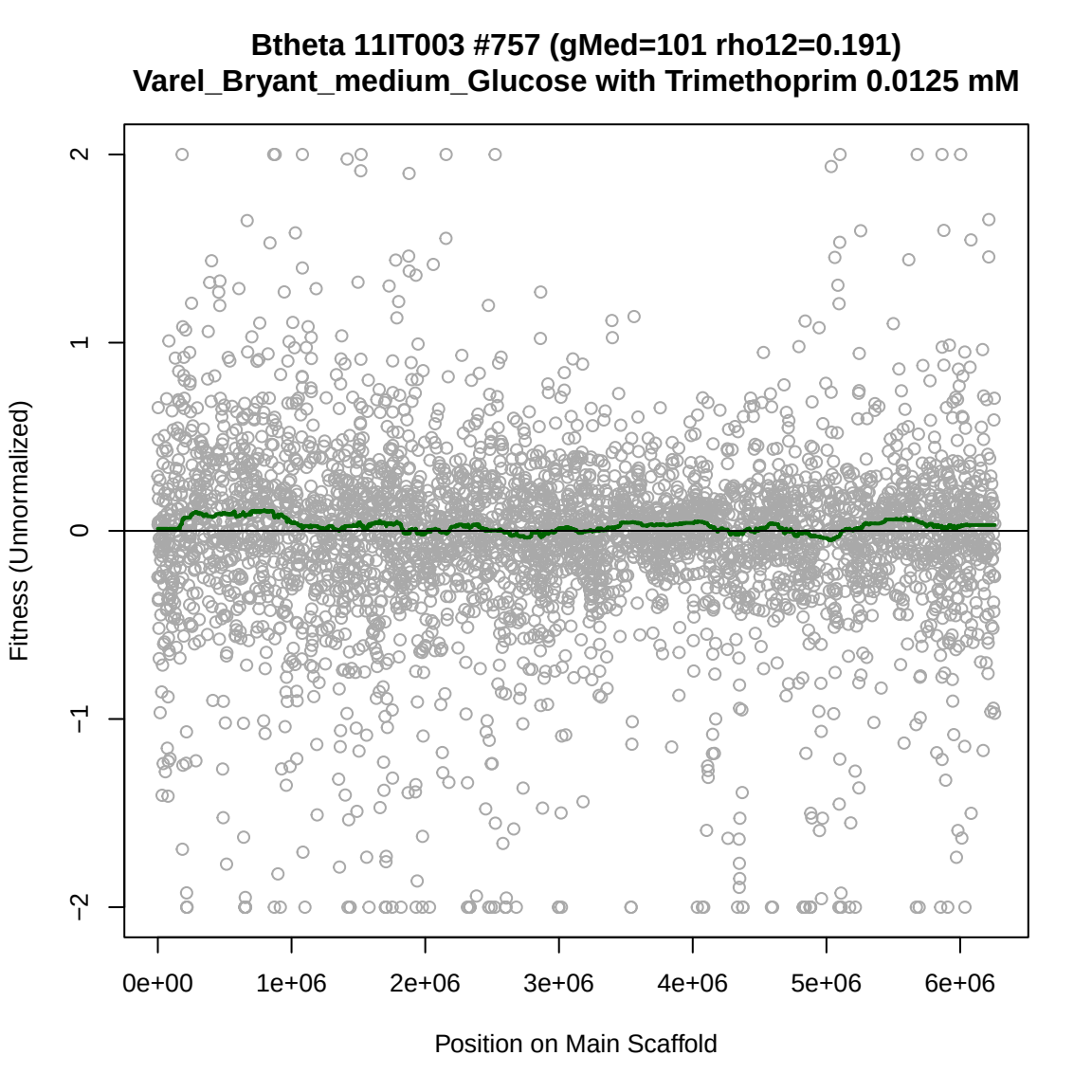

Btheta 10IT093 #752 (gMed=114 rho12=0.159)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

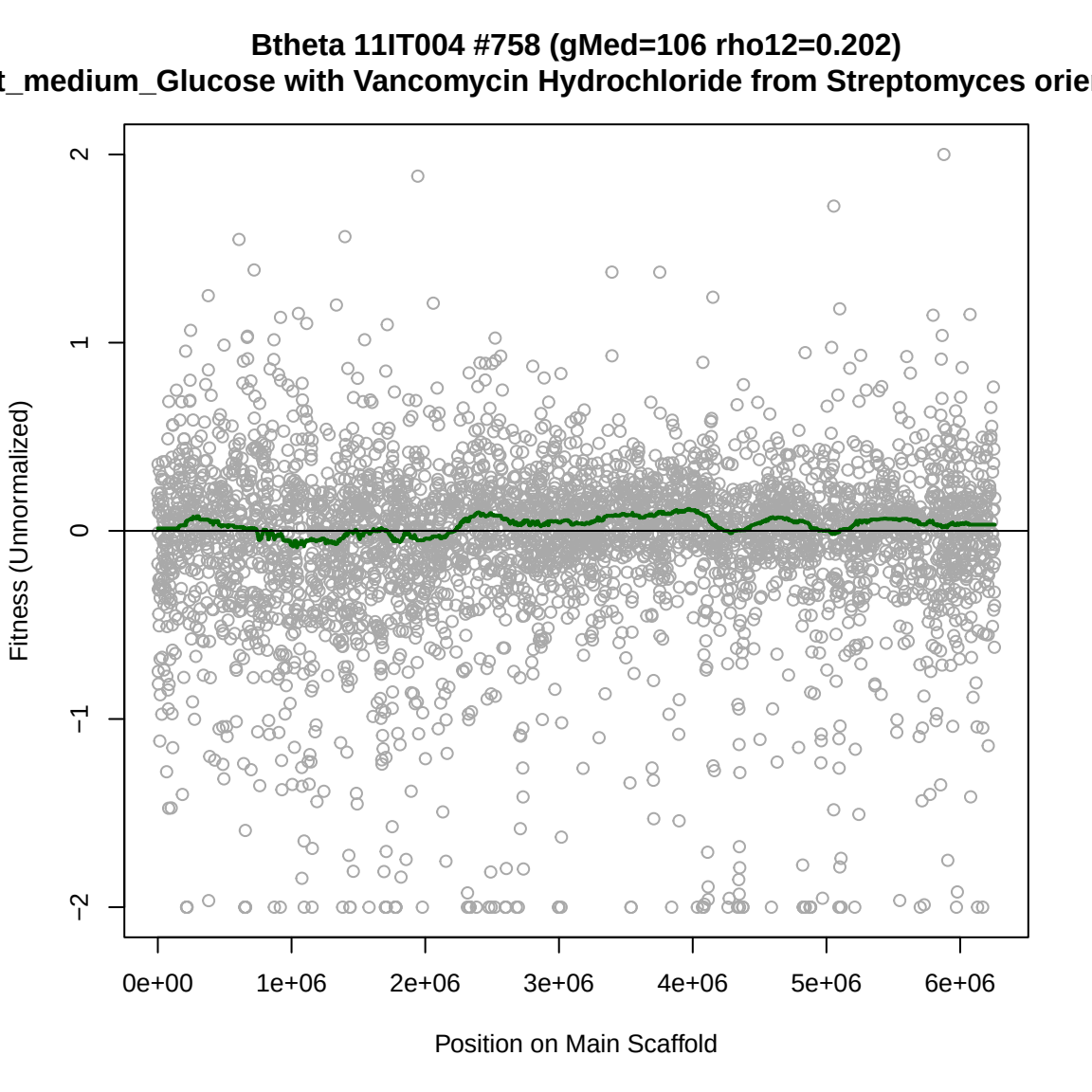

Btheta 10IT095 #753 (gMed=105 rho12=0.181)
Varel_Bryant_medium_Glucose with Ramoplanin 0.003125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

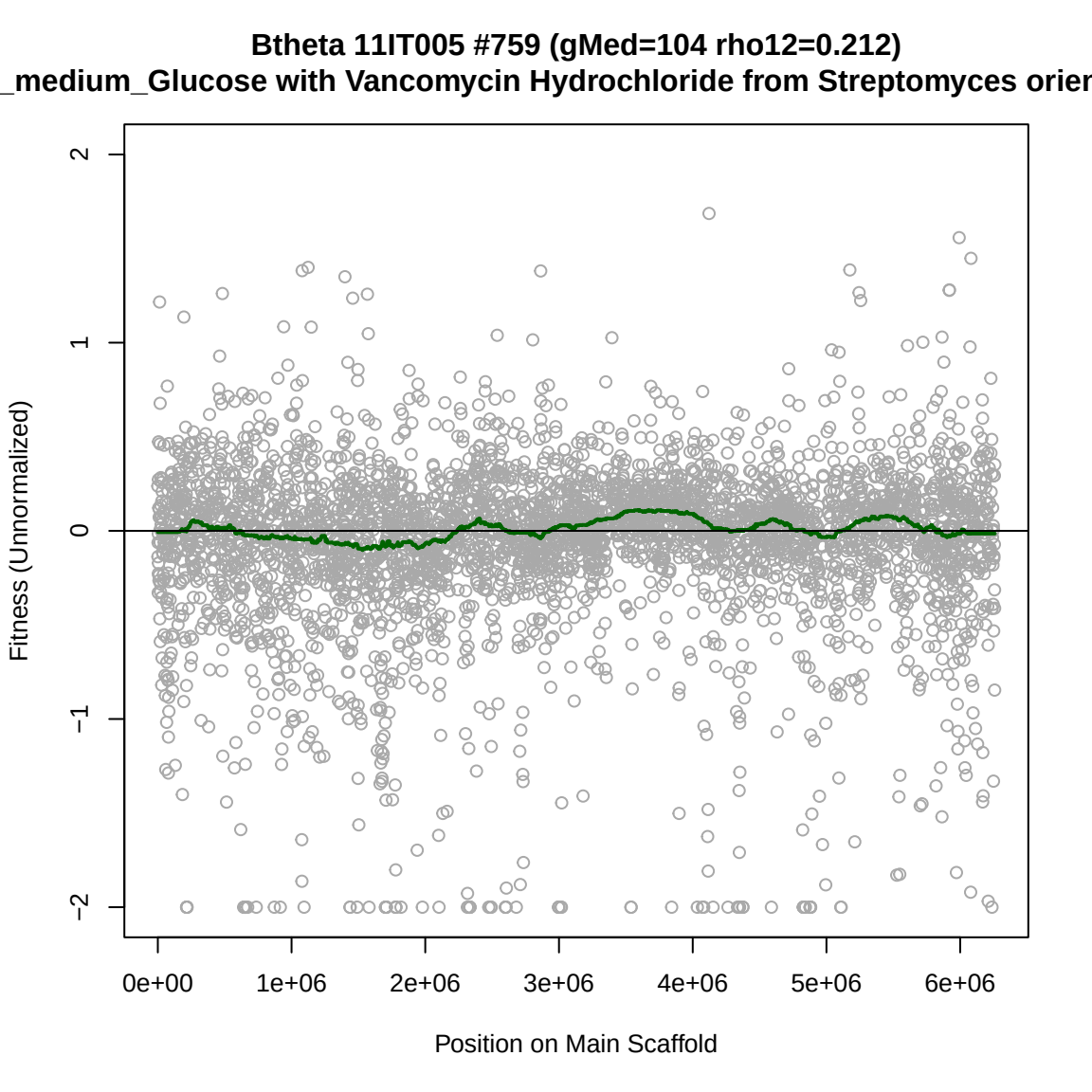

Btheta 10IT096 #754 (gMed=43 rho12=0.070)
Varel_Bryant_medium_Glucose with Thioridazine 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

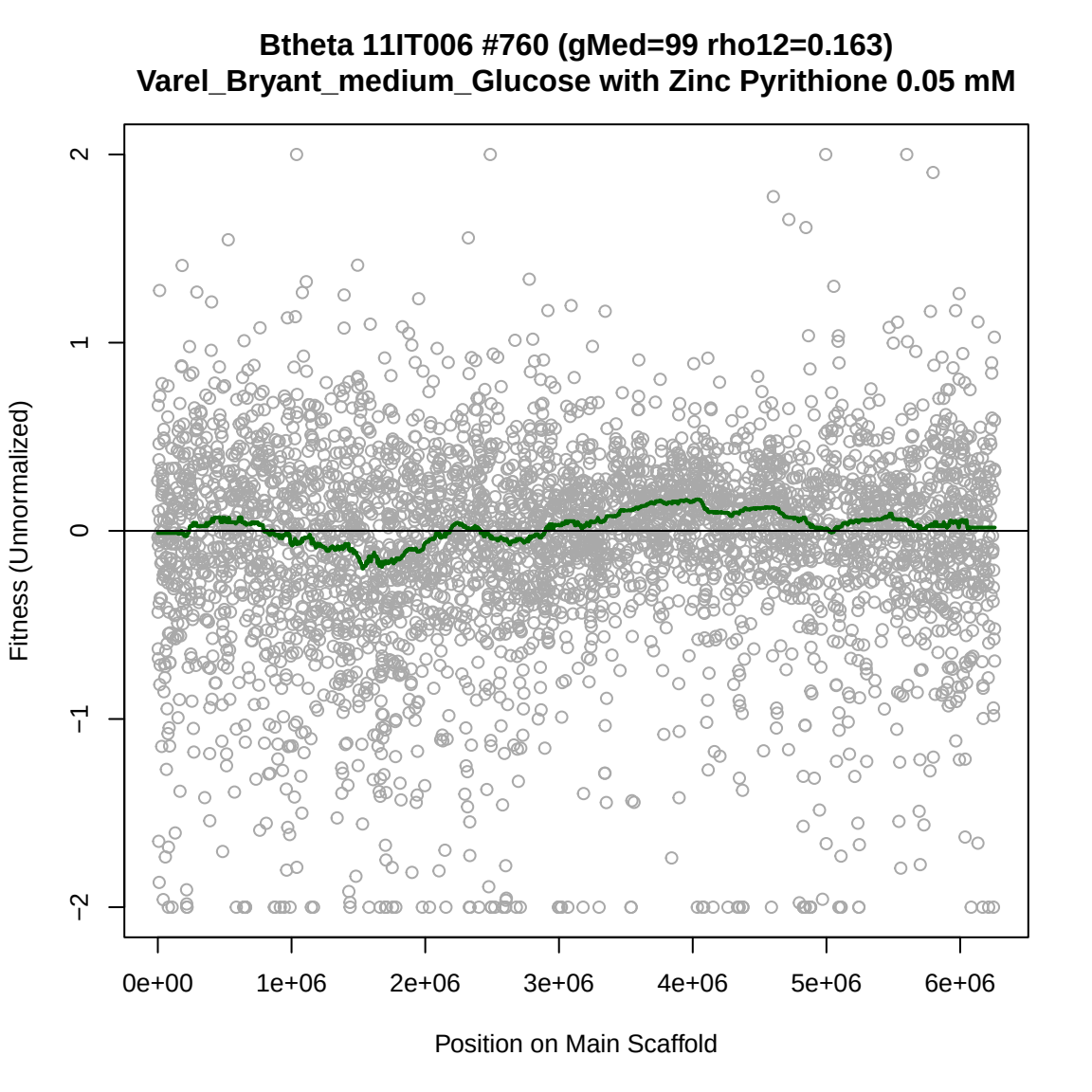

Btheta 11IT001 #755 (gMed=106 rho12=0.120)
Varel_Bryant_medium_Glucose with Thioridazine 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

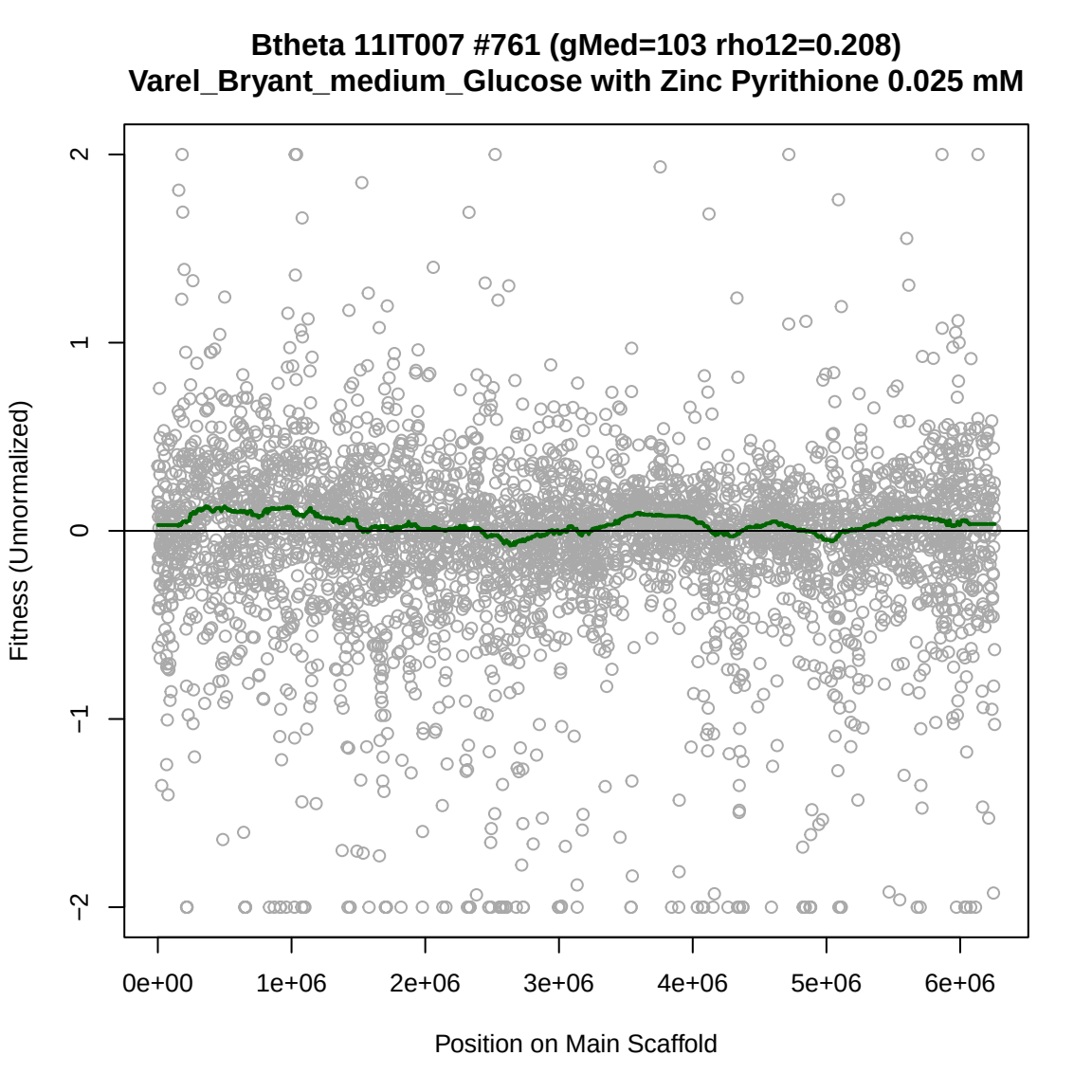

Btheta 11IT002 #756 (gMed=116 rho12=0.124)
Varel_Bryant_medium_Glucose with Trimethoprim 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

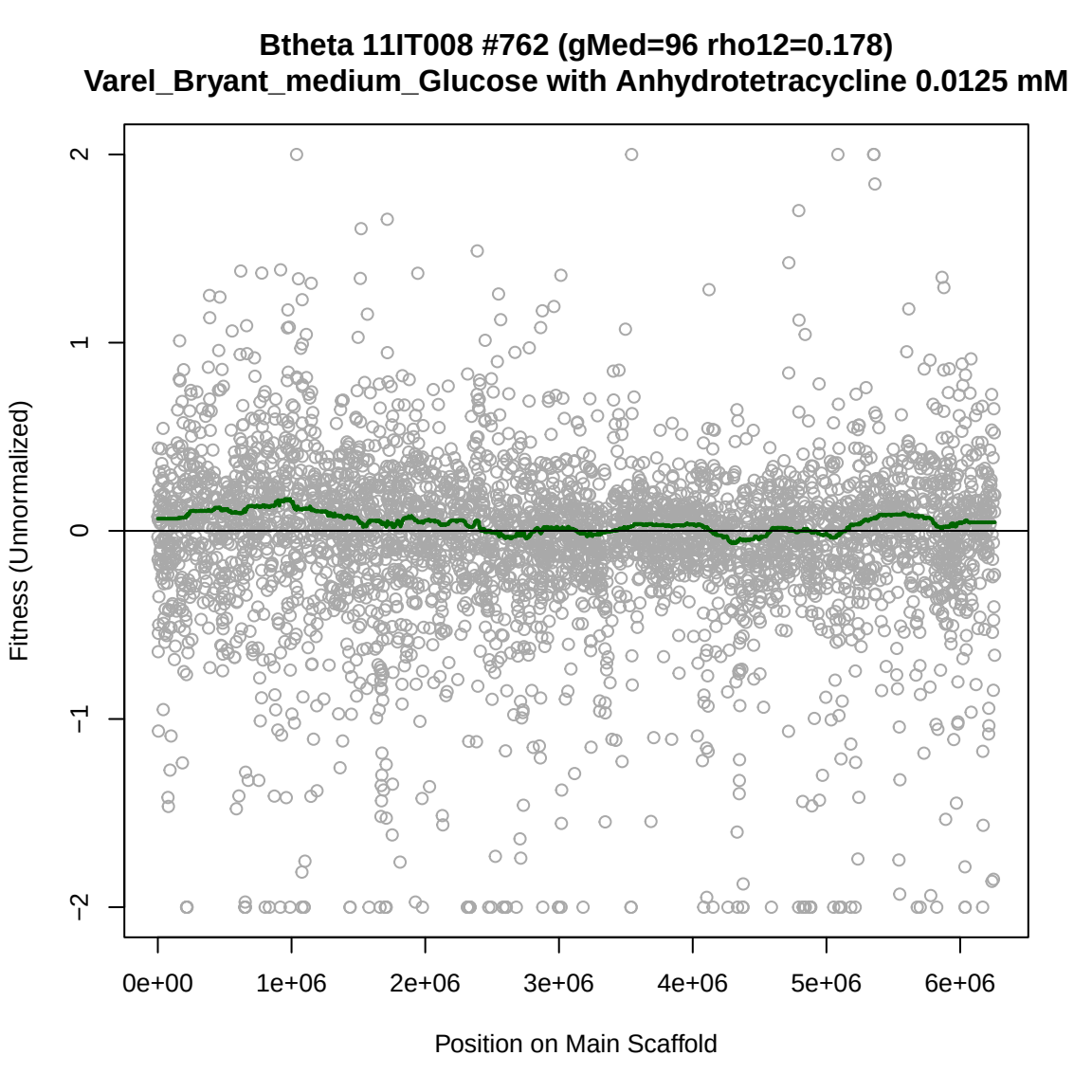

Btheta 11IT003 #757 (gMed=101 rho12=0.191)
Varel_Bryant_medium_Glucose with Trimethoprim 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

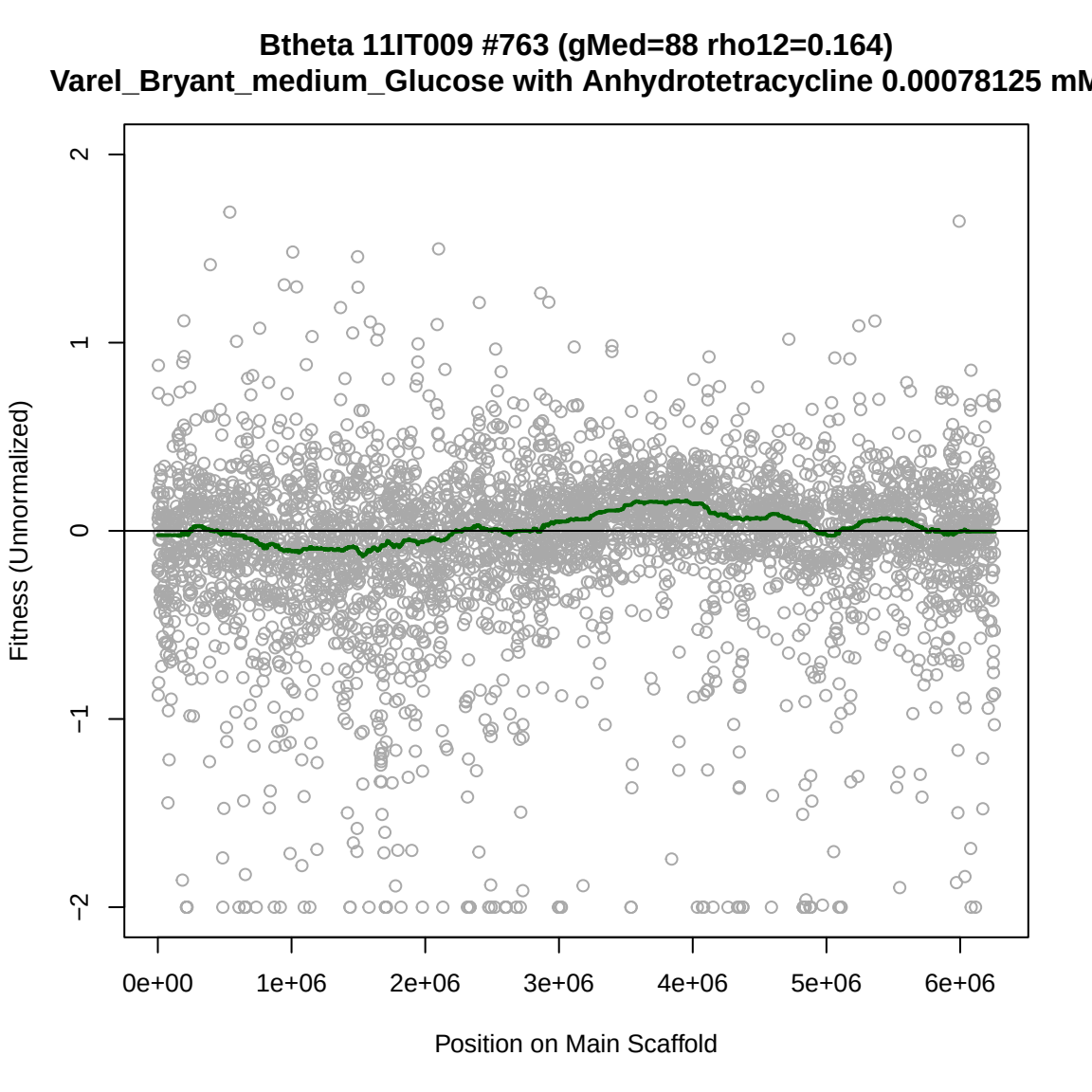

Btheta 11IT004 #758 (gMed=106 rho12=0.202)
t_medium_Glucose with Vancomycin Hydrochloride from Streptomyces orie
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

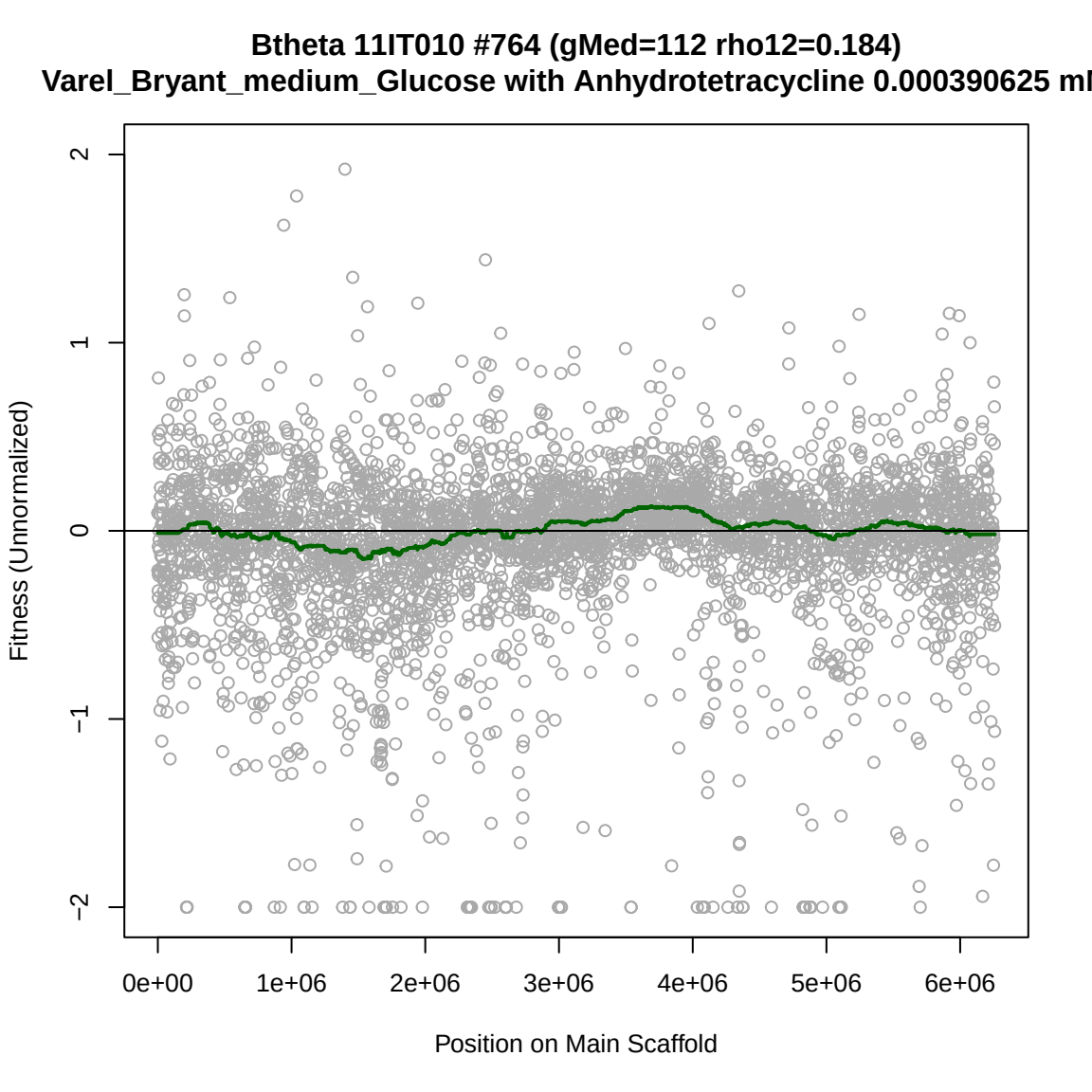

Btheta 11IT005 #759 (gMed=104 rho12=0.212)
_medium_Glucose with Vancomycin Hydrochloride from Streptomyces orien
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

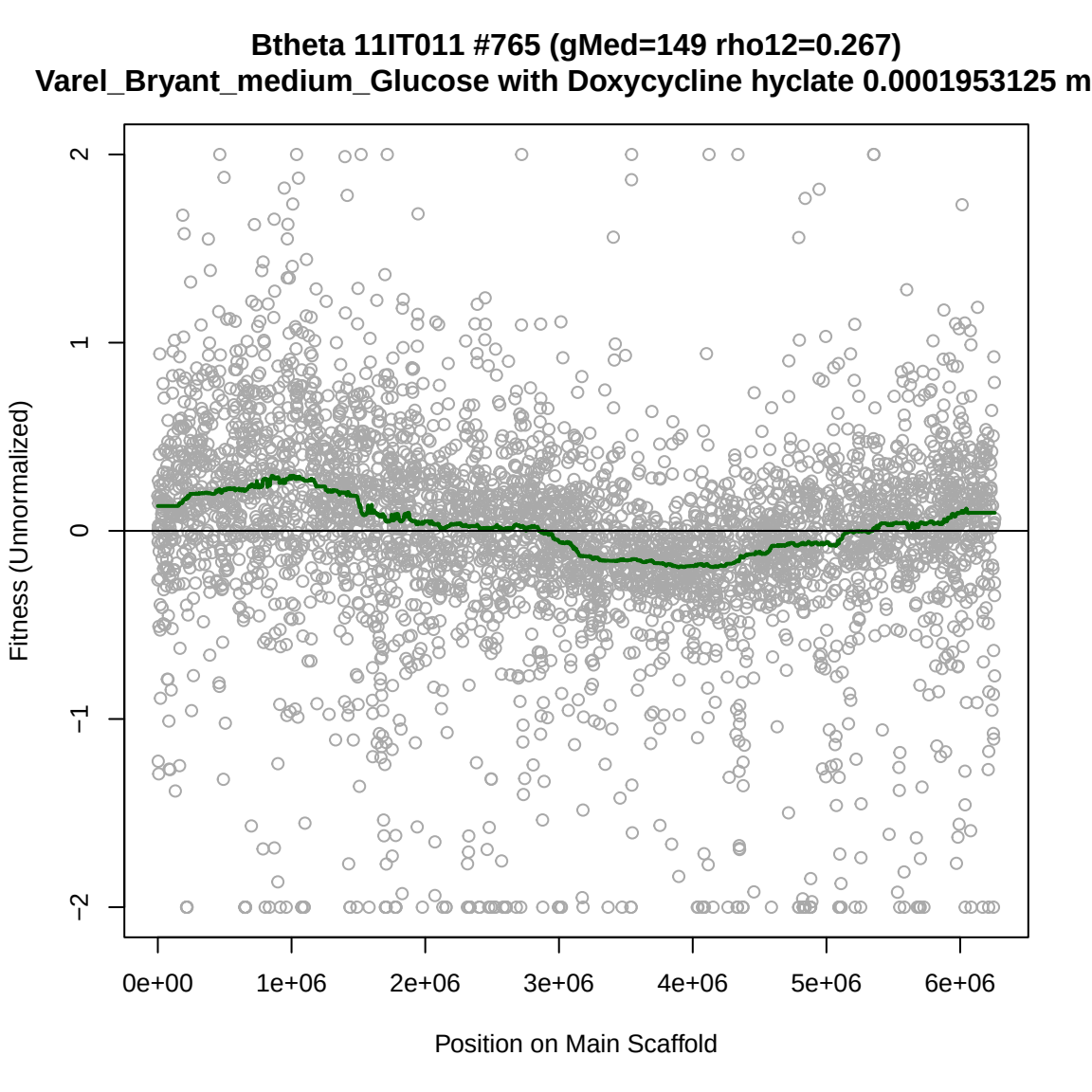

Btheta 11IT006 #760 (gMed=99 rho12=0.163)
Varel_Bryant_medium_Glucose with Zinc Pyrithione 0.05 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

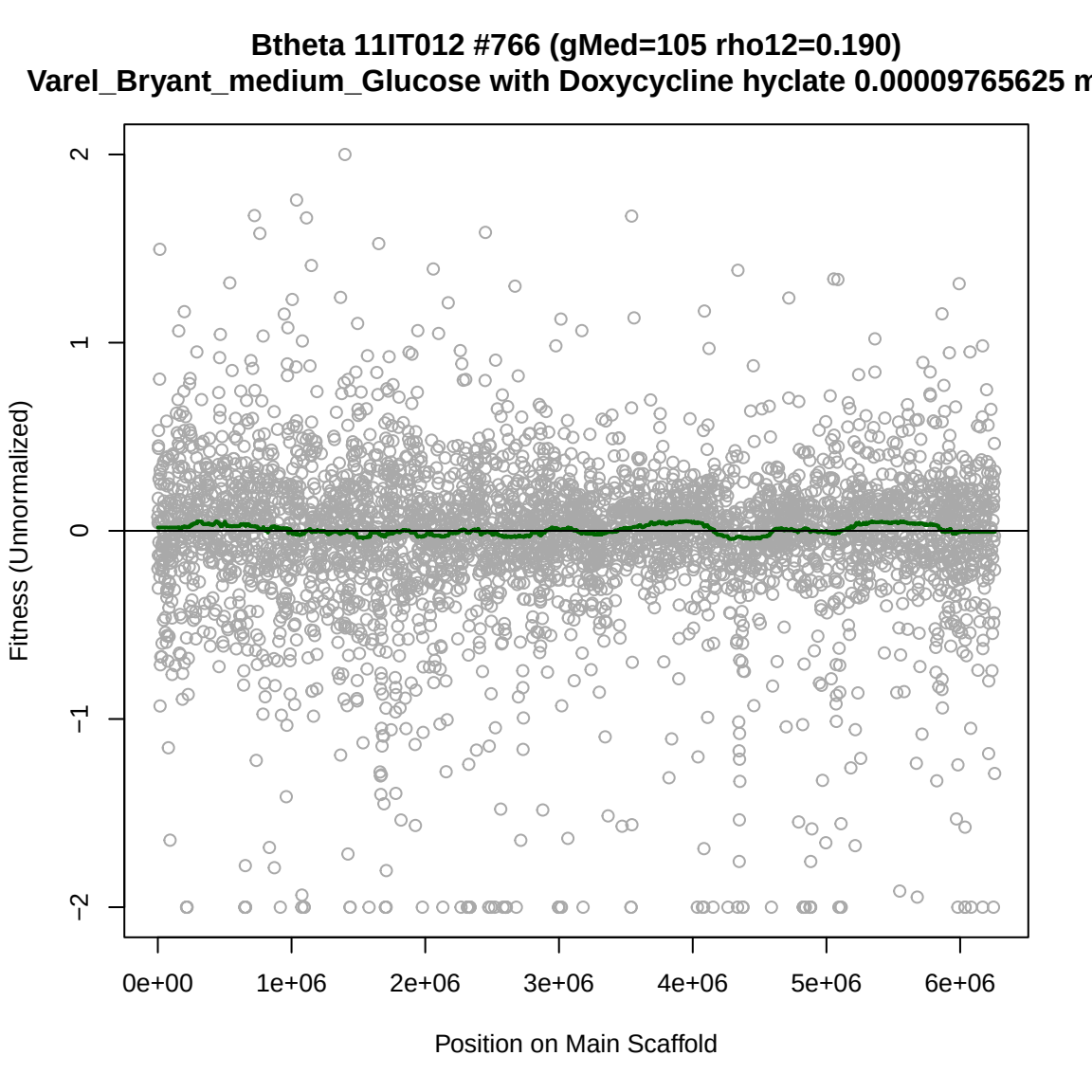

Btheta 11IT007 #761 (gMed=103 rho12=0.208)
Varel_Bryant_medium_Glucose with Zinc Pyrithione 0.025 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

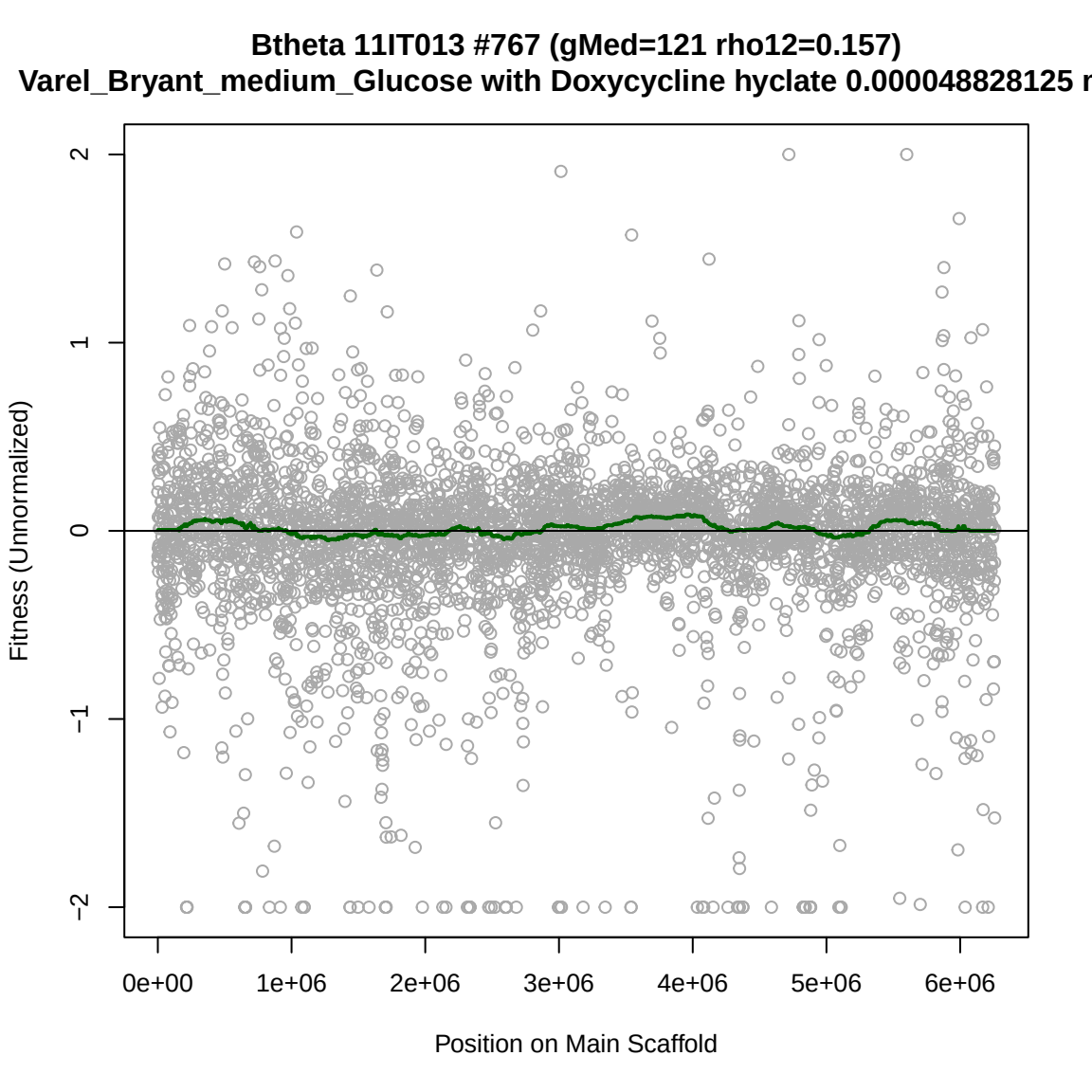

Btheta 11IT008 #762 (gMed=96 rho12=0.178)
Varel_Bryant_medium_Glucose with Anhydrotetracycline 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

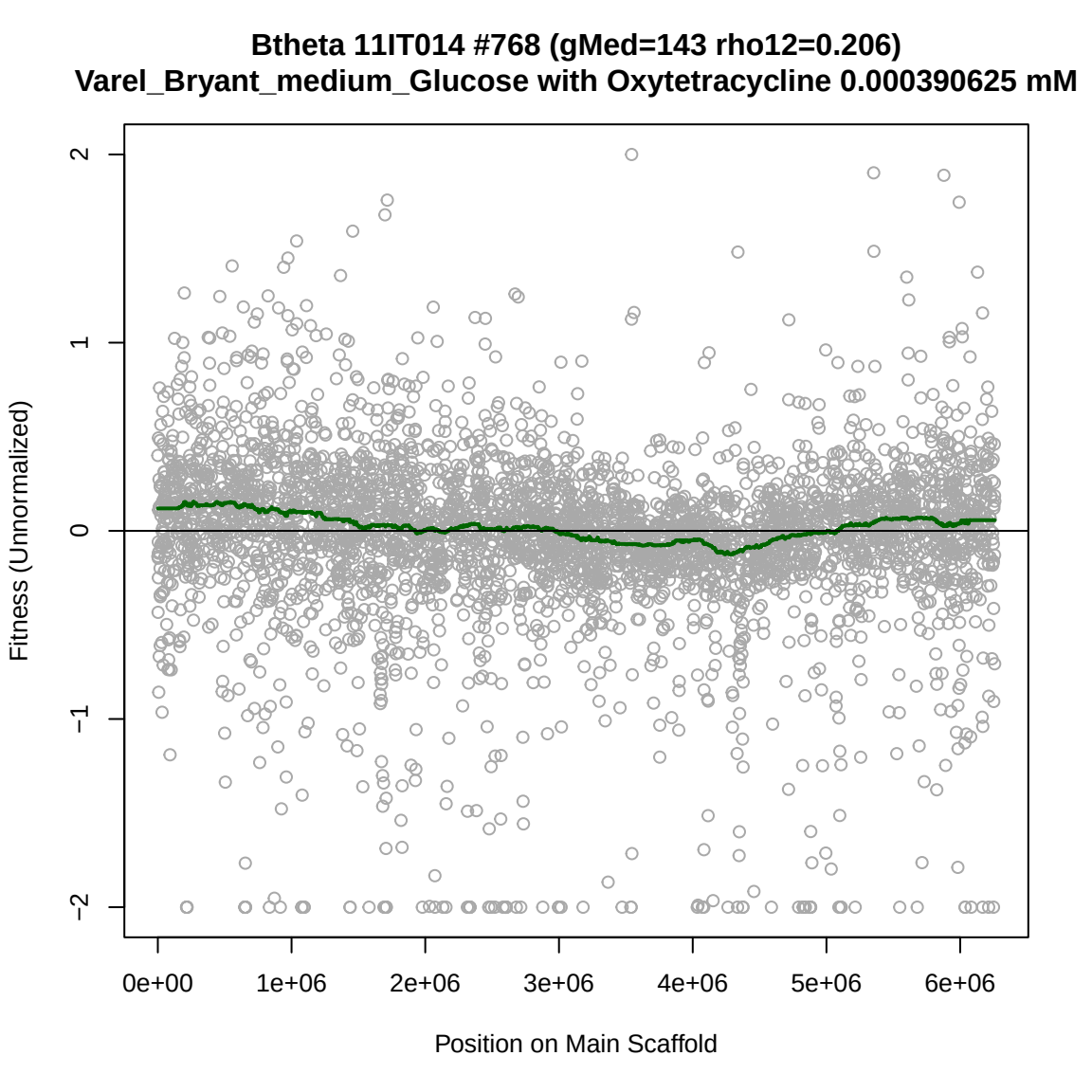

Btheta 11IT009 #763 (gMed=88 rho12=0.164)
Varel_Bryant_medium_Glucose with Anhydrotetracycline 0.00078125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

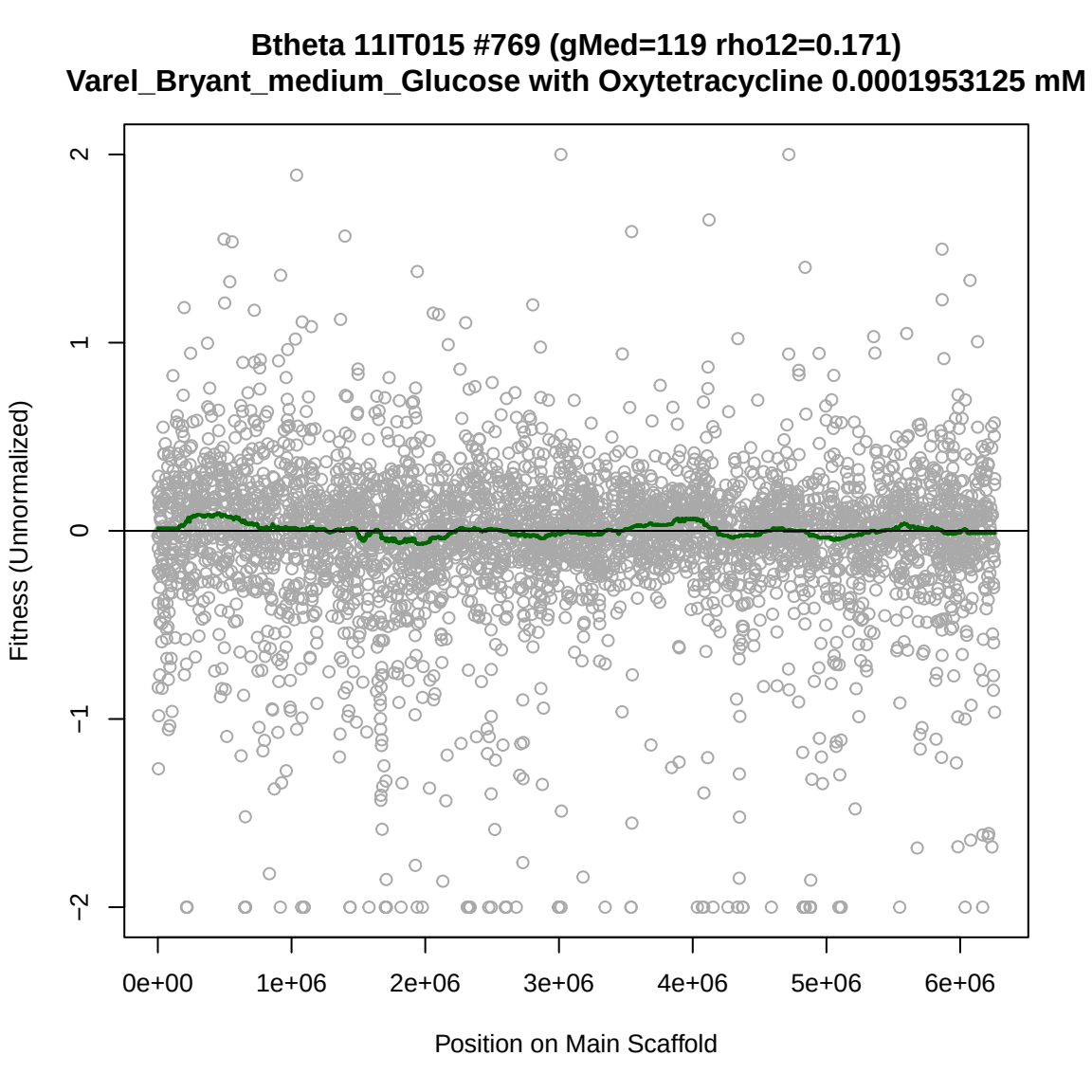

Btheta 11IT010 #764 (gMed=112 rho12=0.184)
Varel_Bryant_medium_Glucose with Anhydrotetracycline 0.000390625 ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

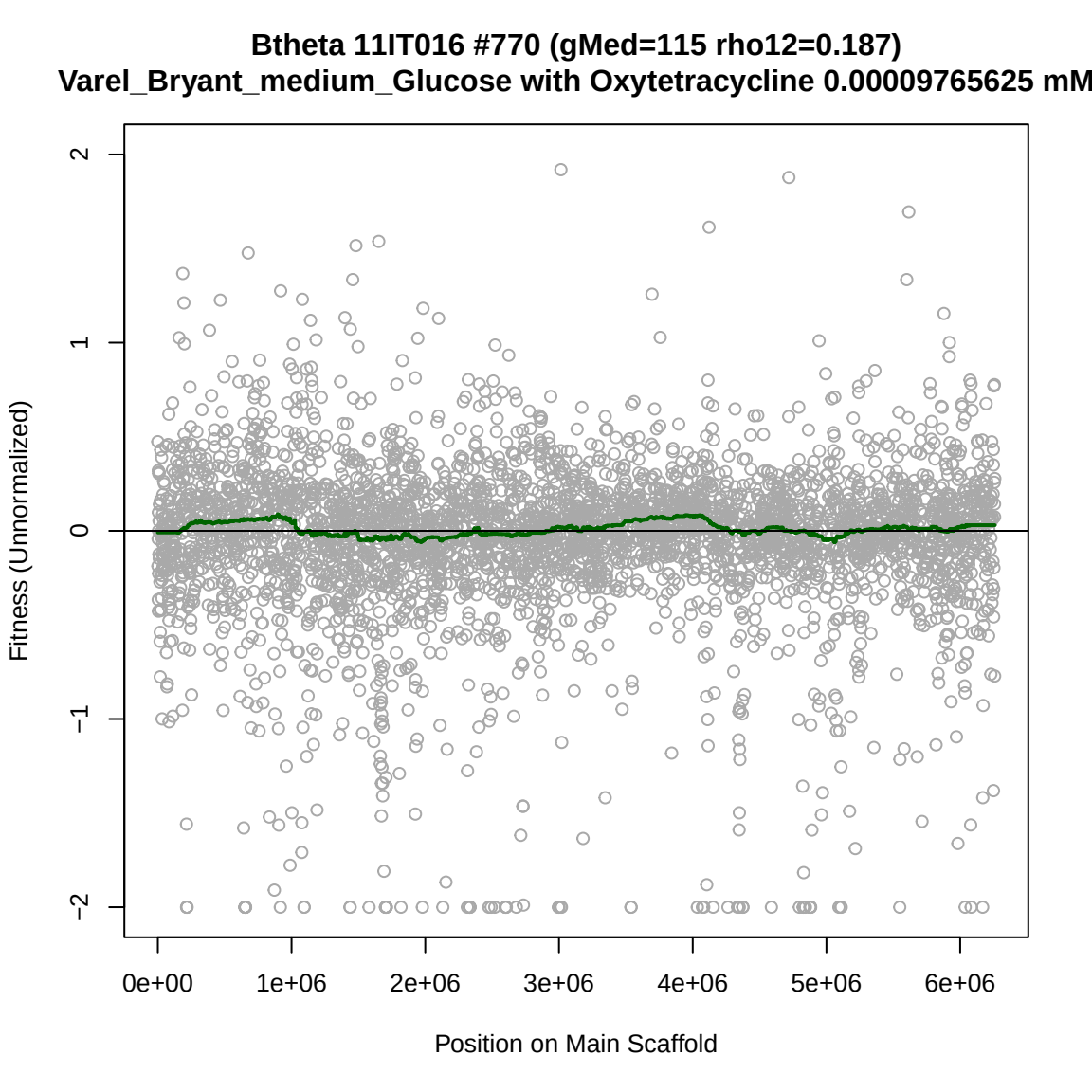

Btheta 11IT011 #765 (gMed=149 rho12=0.267)
Varel_Bryant_medium_Glucose with Doxycycline hyclate 0.0001953125 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

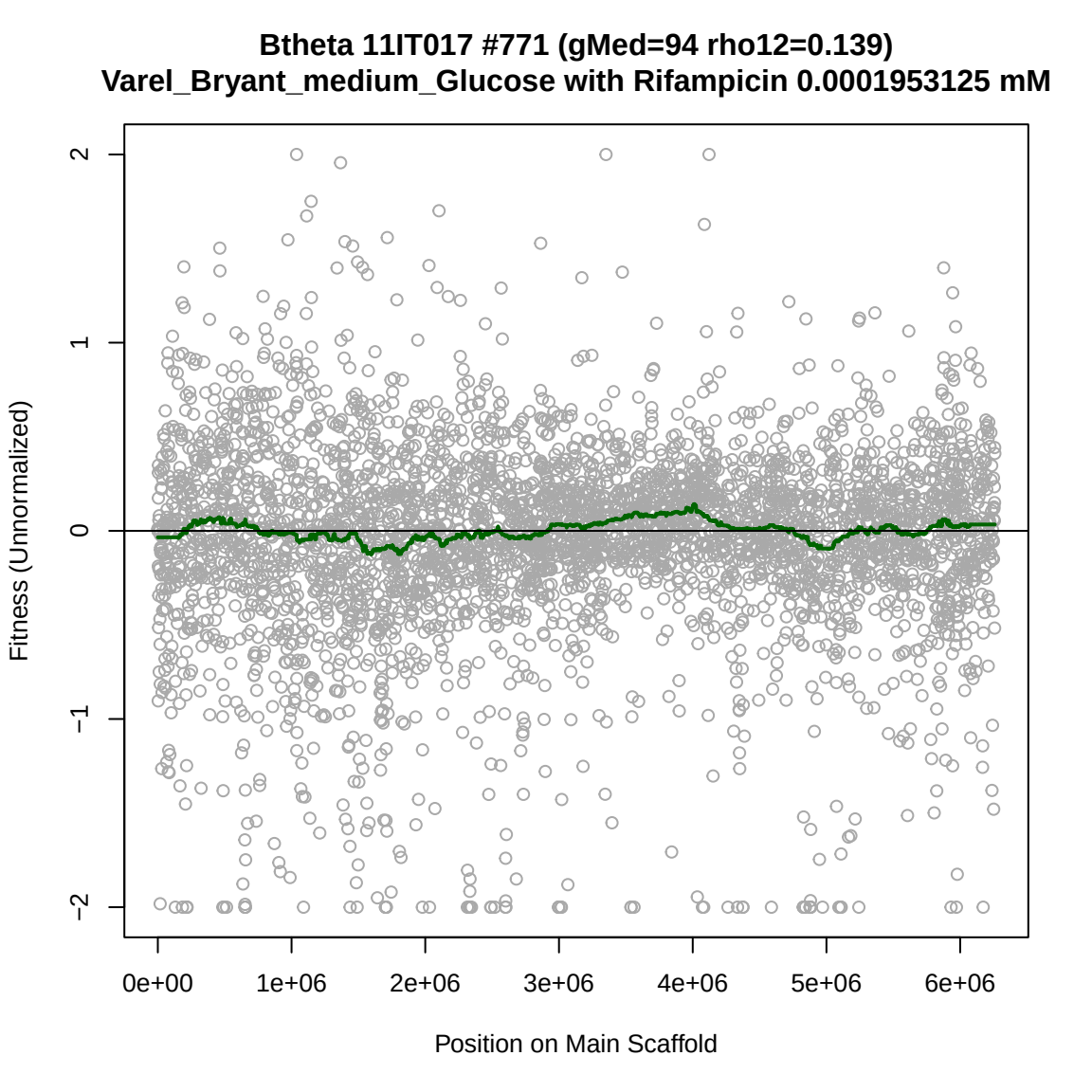

Btheta 11IT012 #766 (gMed=105 rho12=0.190)
Varel_Bryant_medium_Glucose with Doxycycline hyclate 0.00009765625 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

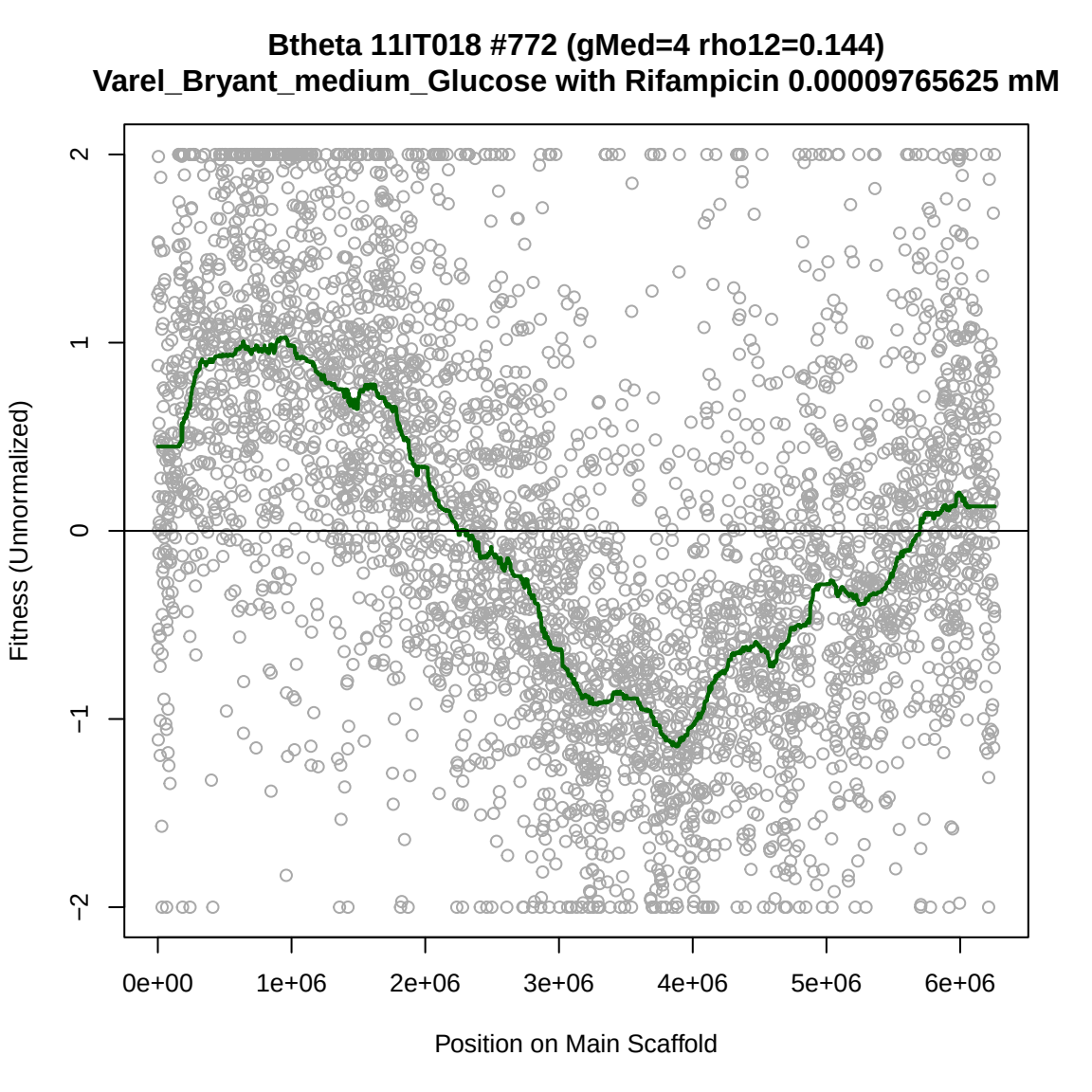

Btheta 11IT013 #767 (gMed=121 rho12=0.157)
Varel_Bryant_medium_Glucose with Doxycycline hyclate 0.000048828125 r
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

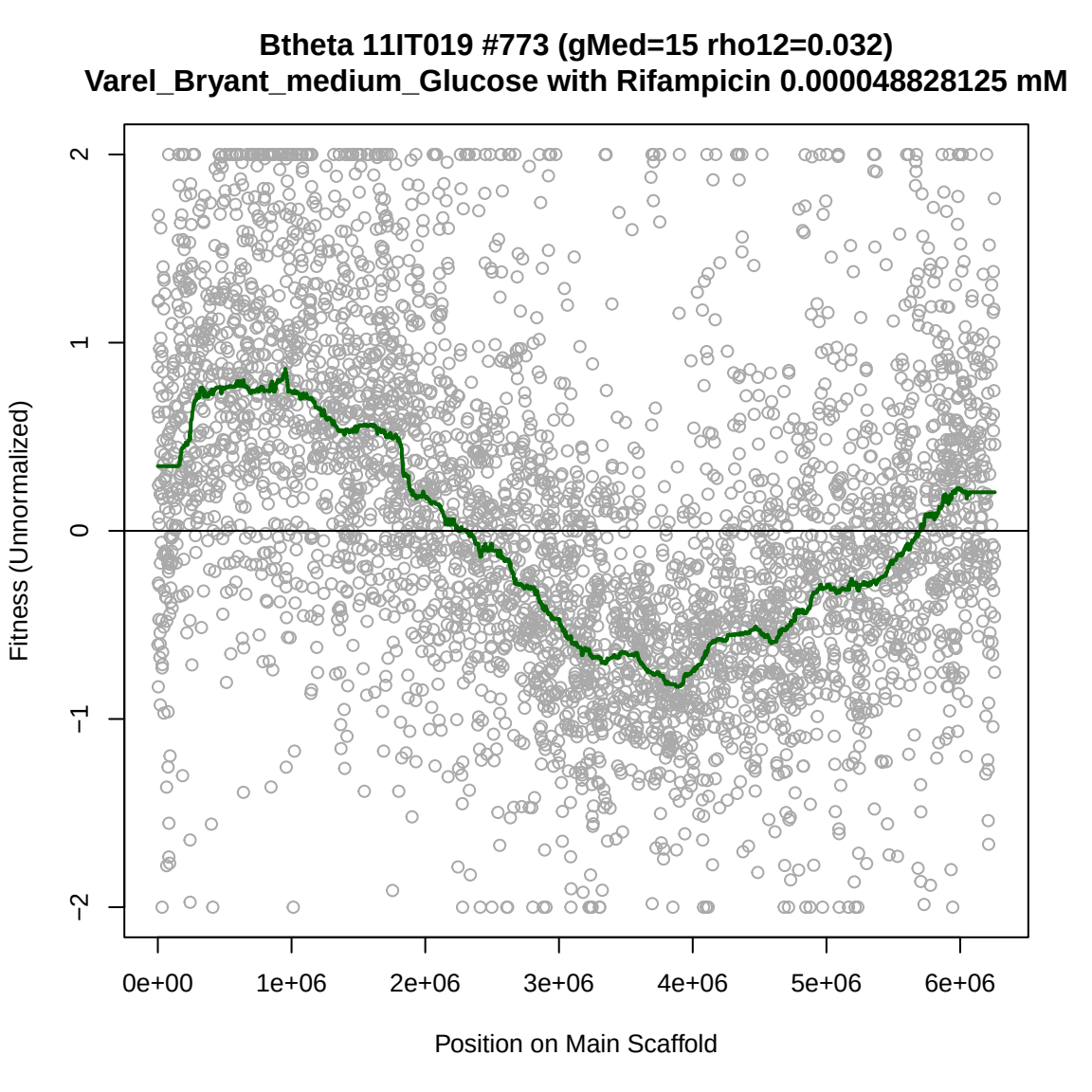

Btheta 11IT014 #768 (gMed=143 rho12=0.206)
Varel_Bryant_medium_Glucose with Oxytetracycline 0.000390625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

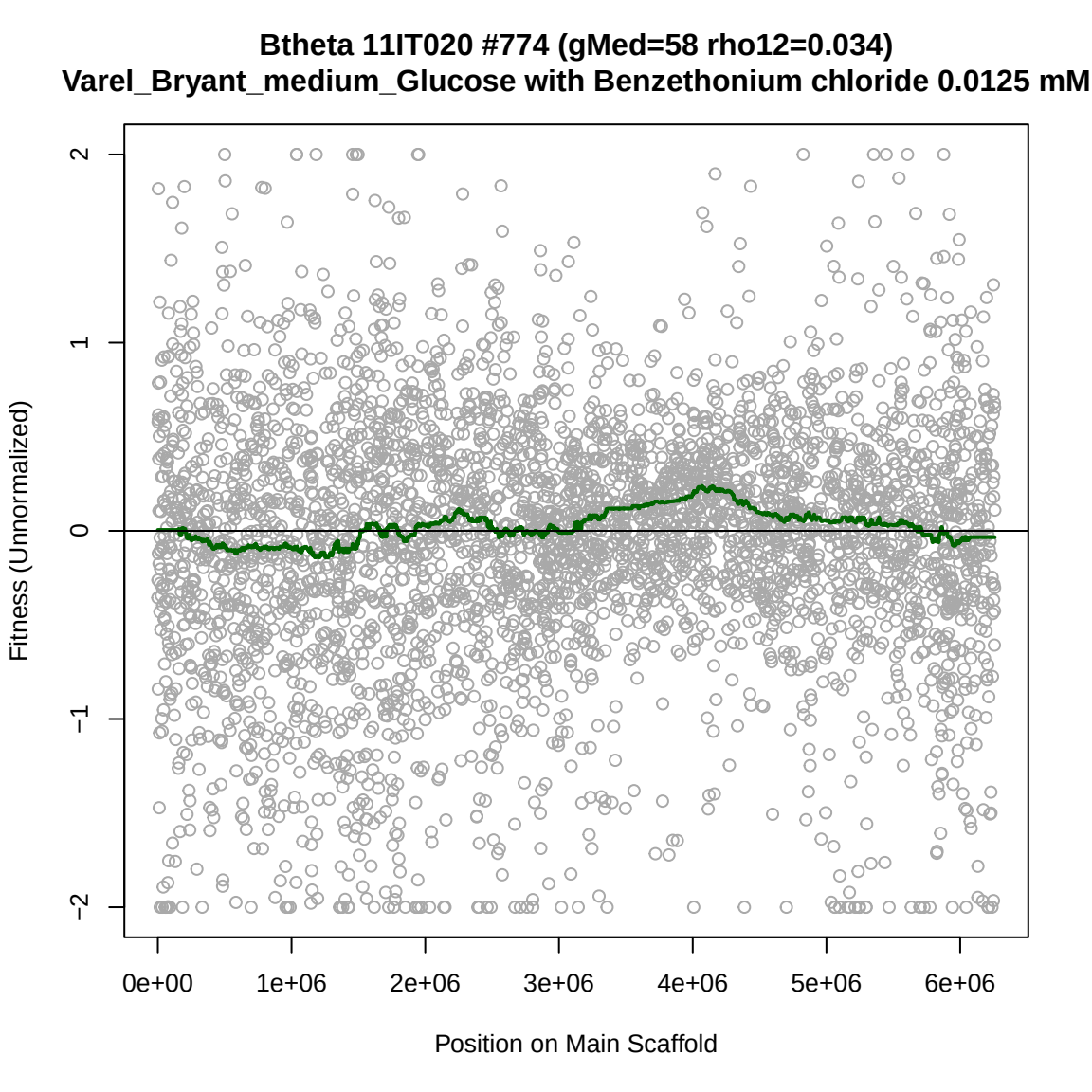

Btheta 11IT015 #769 (gMed=119 rho12=0.171)
Varel_Bryant_medium_Glucose with Oxytetracycline 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

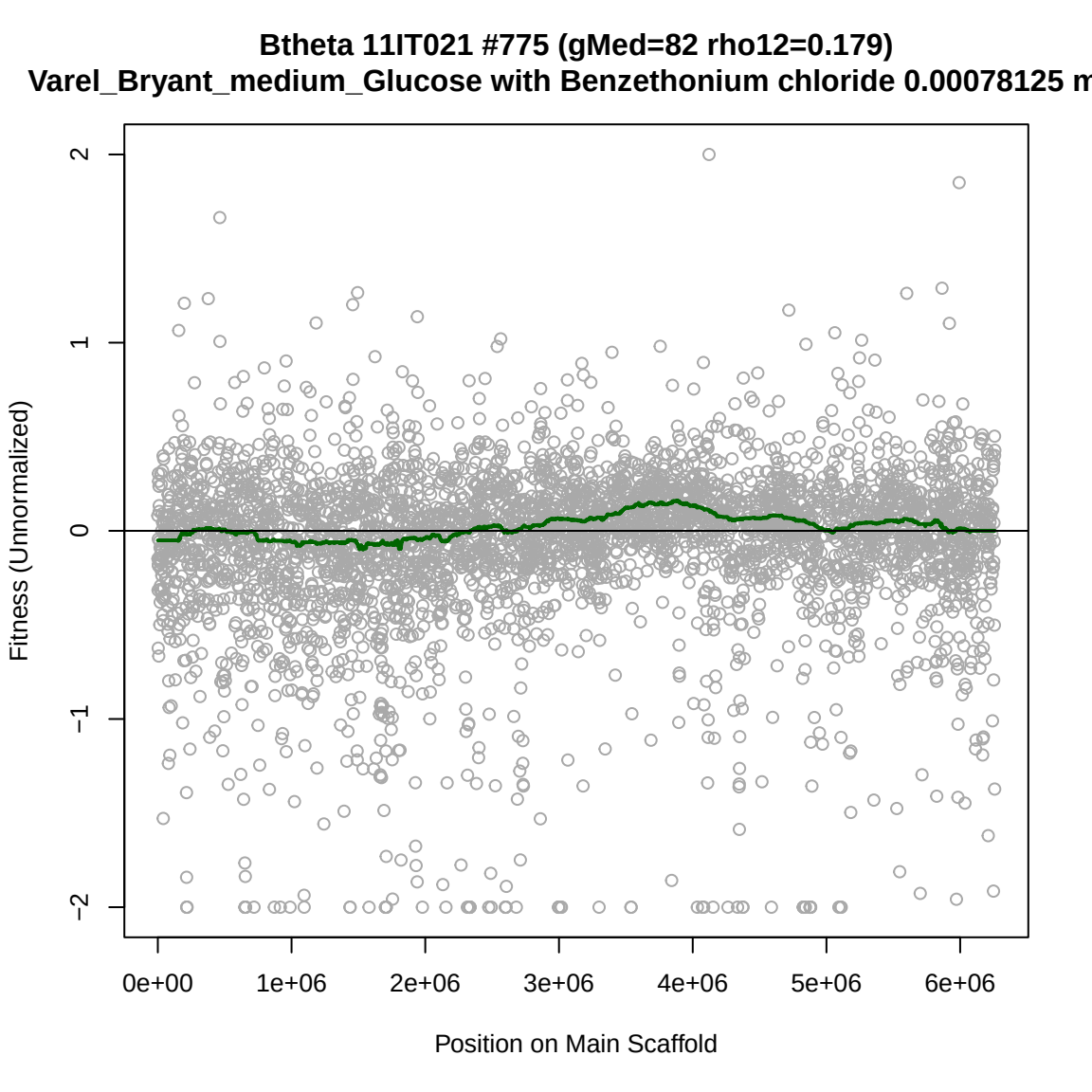

Btheta 11IT016 #770 (gMed=115 rho12=0.187)
Varel_Bryant_medium_Glucose with Oxytetracycline 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

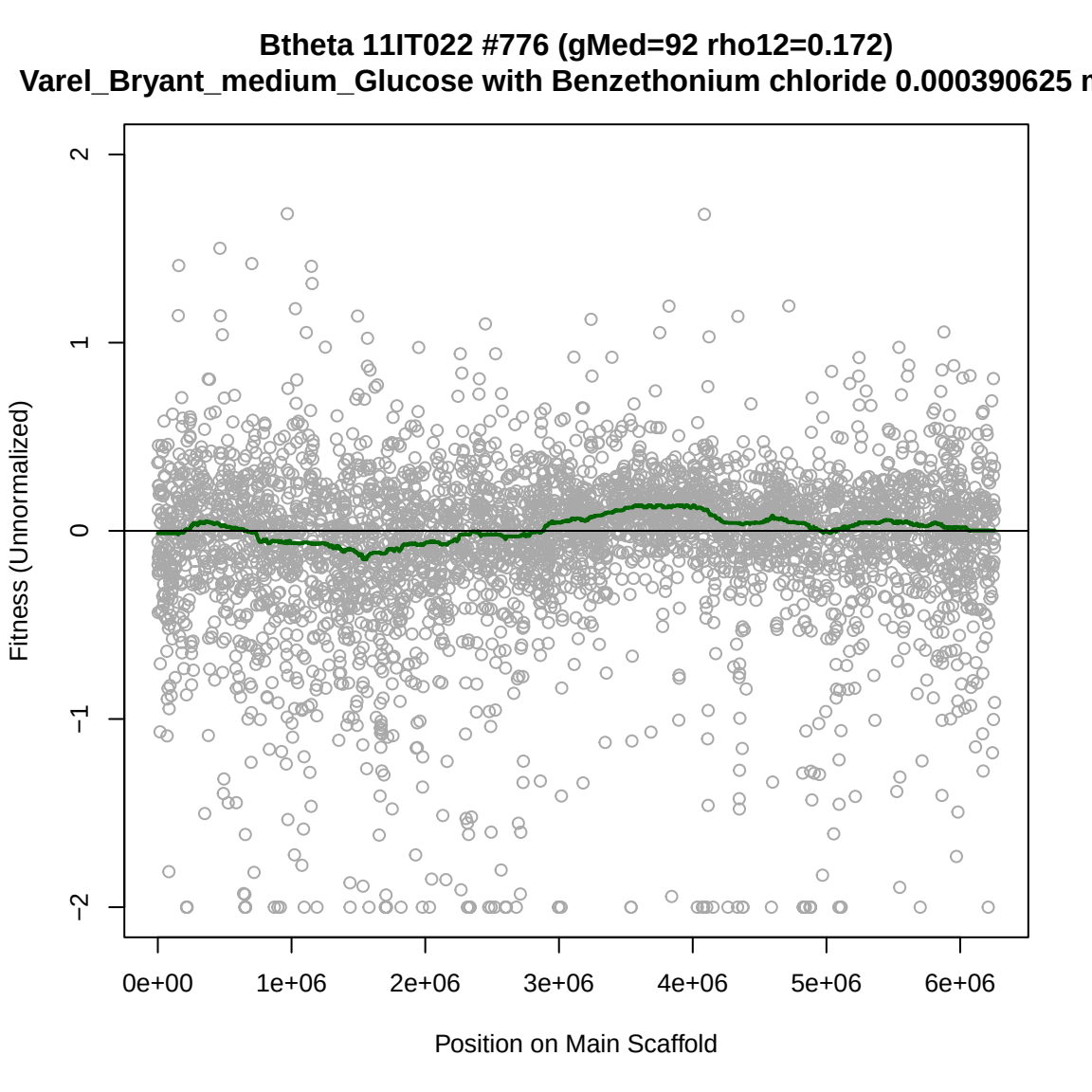

Btheta 11IT017 #771 (gMed=94 rho12=0.139)
Varel_Bryant_medium_Glucose with Rifampicin 0.0001953125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

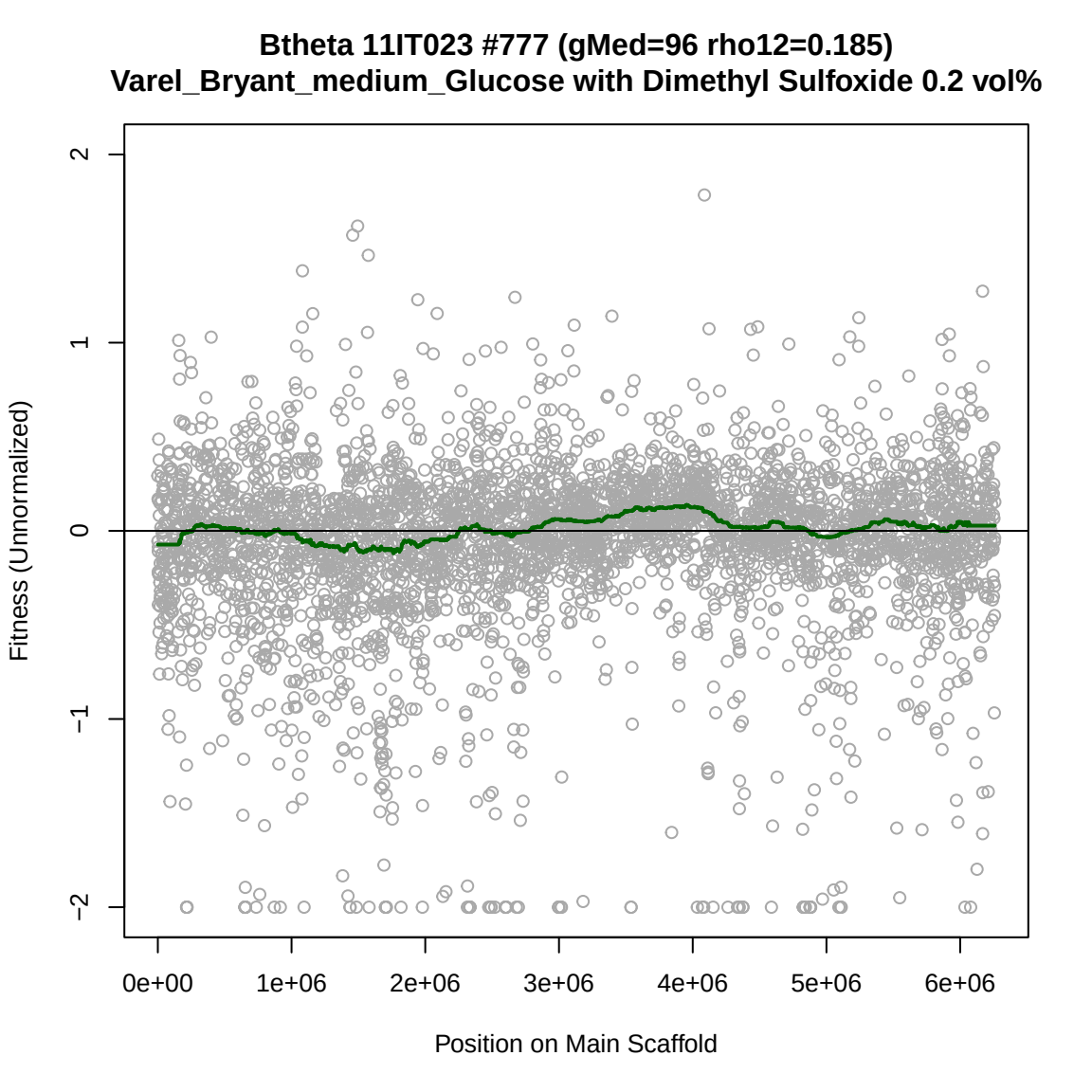

Btheta 11IT018 #772 (gMed=4 rho12=0.144)
Varel_Bryant_medium_Glucose with Rifampicin 0.00009765625 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

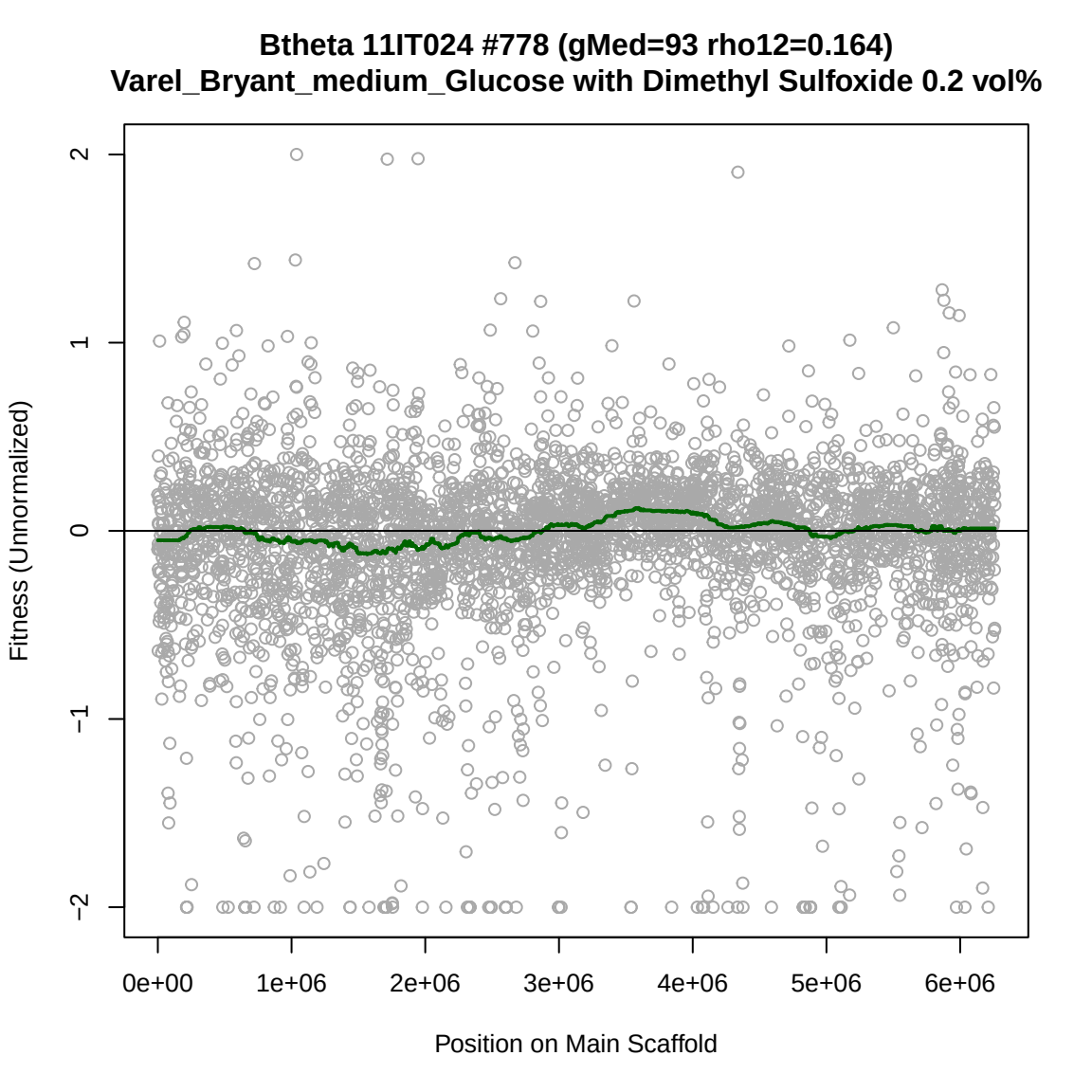

Btheta 11IT019 #773 (gMed=15 rho12=0.032)
Varel_Bryant_medium_Glucose with Rifampicin 0.000048828125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

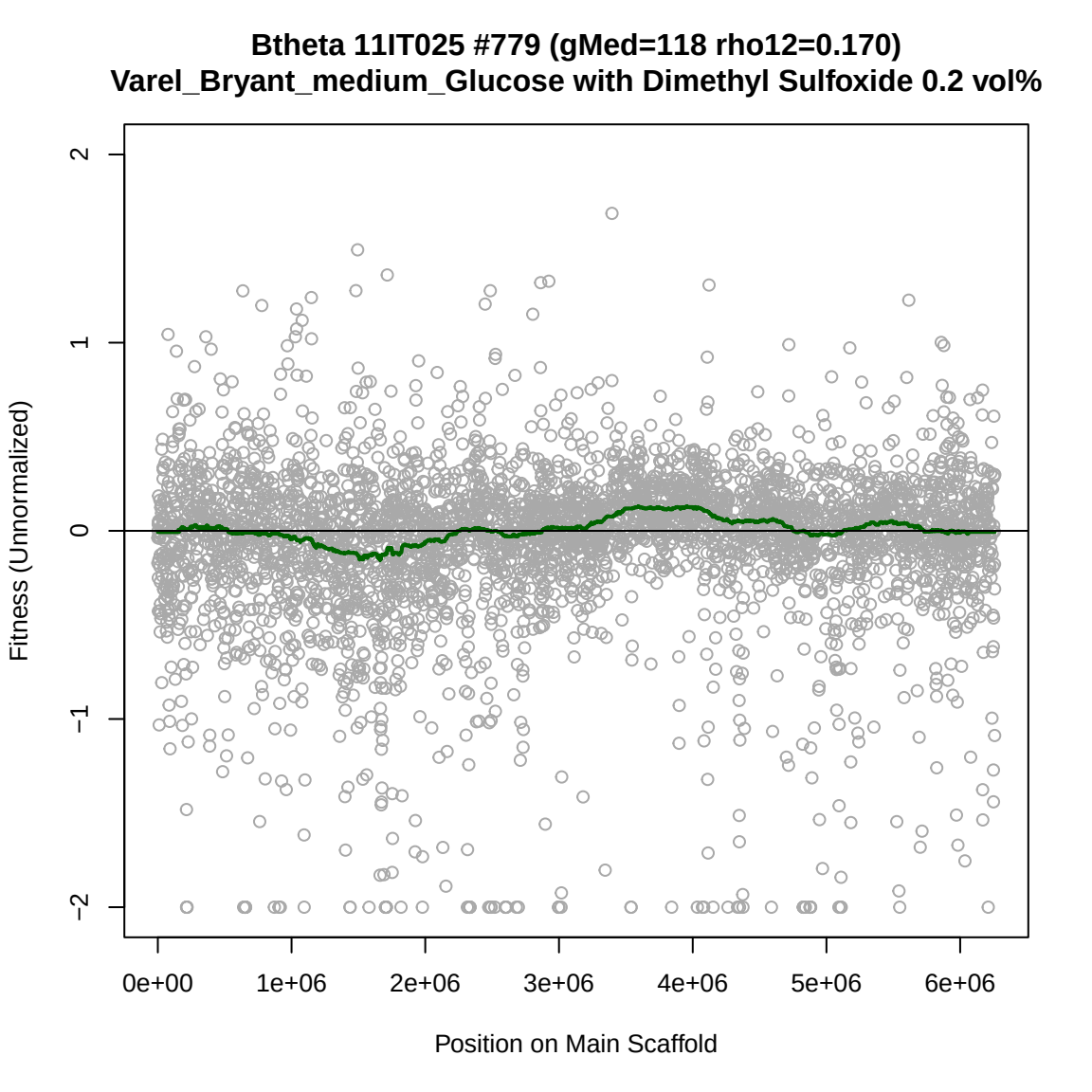

Btheta 11IT020 #774 (gMed=58 rho12=0.034)
Varel_Bryant_medium_Glucose with Benzethonium chloride 0.0125 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

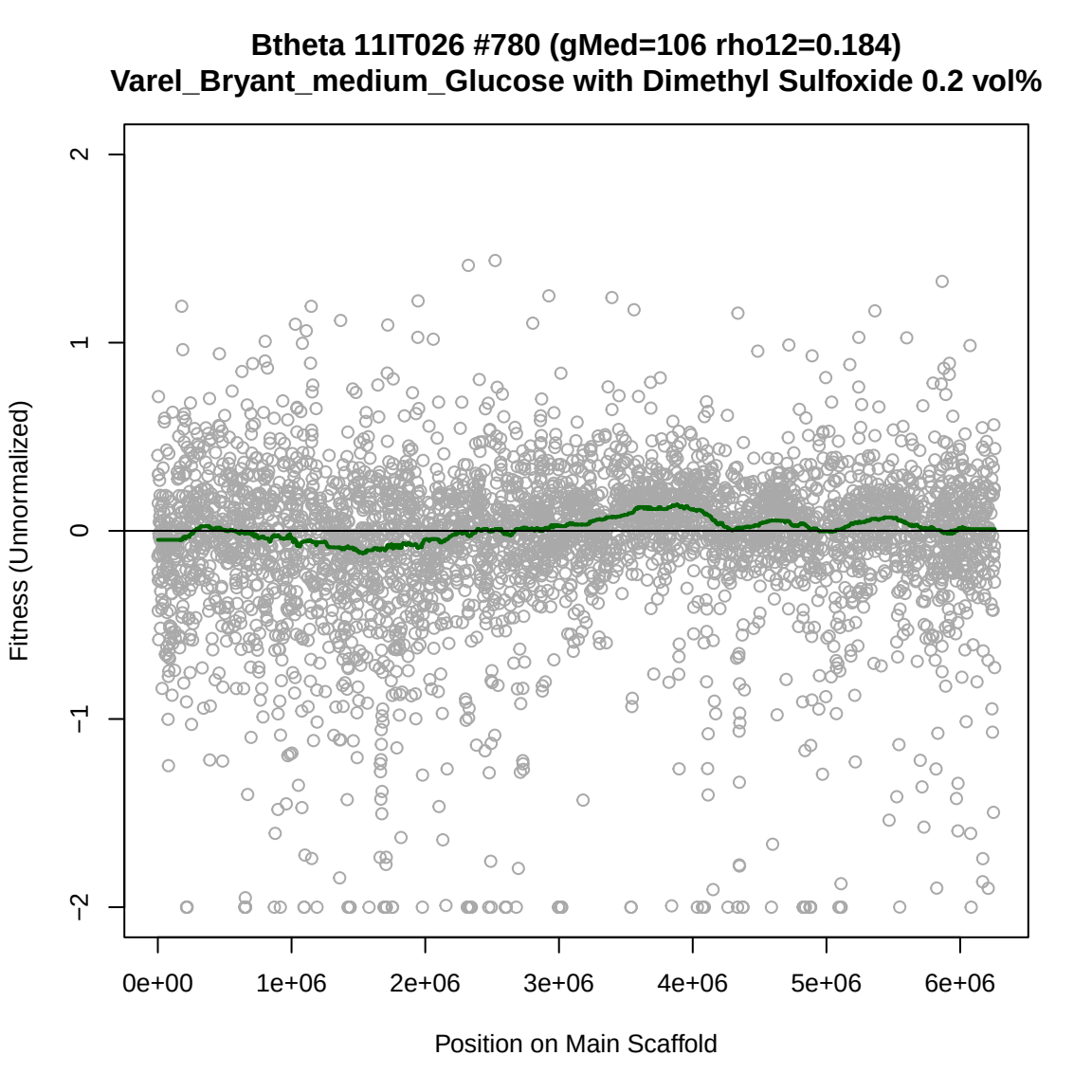

Btheta 11IT021 #775 (gMed=82 rho12=0.179)
Varel_Bryant_medium_Glucose with Benzethonium chloride 0.00078125 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

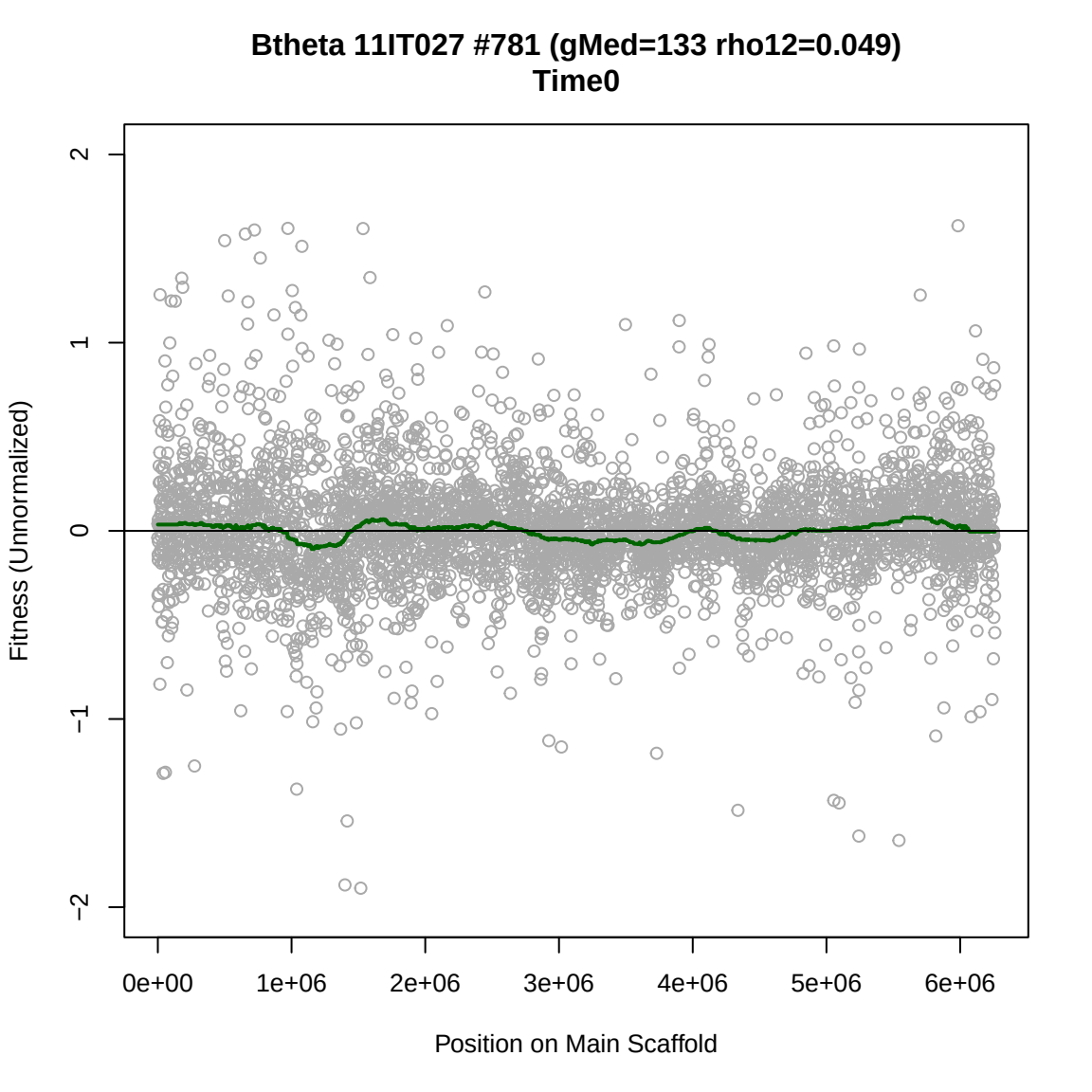

Btheta 11IT022 #776 (gMed=92 rho12=0.172)
Varel_Bryant_medium_Glucose with Benzethonium chloride 0.000390625 m
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

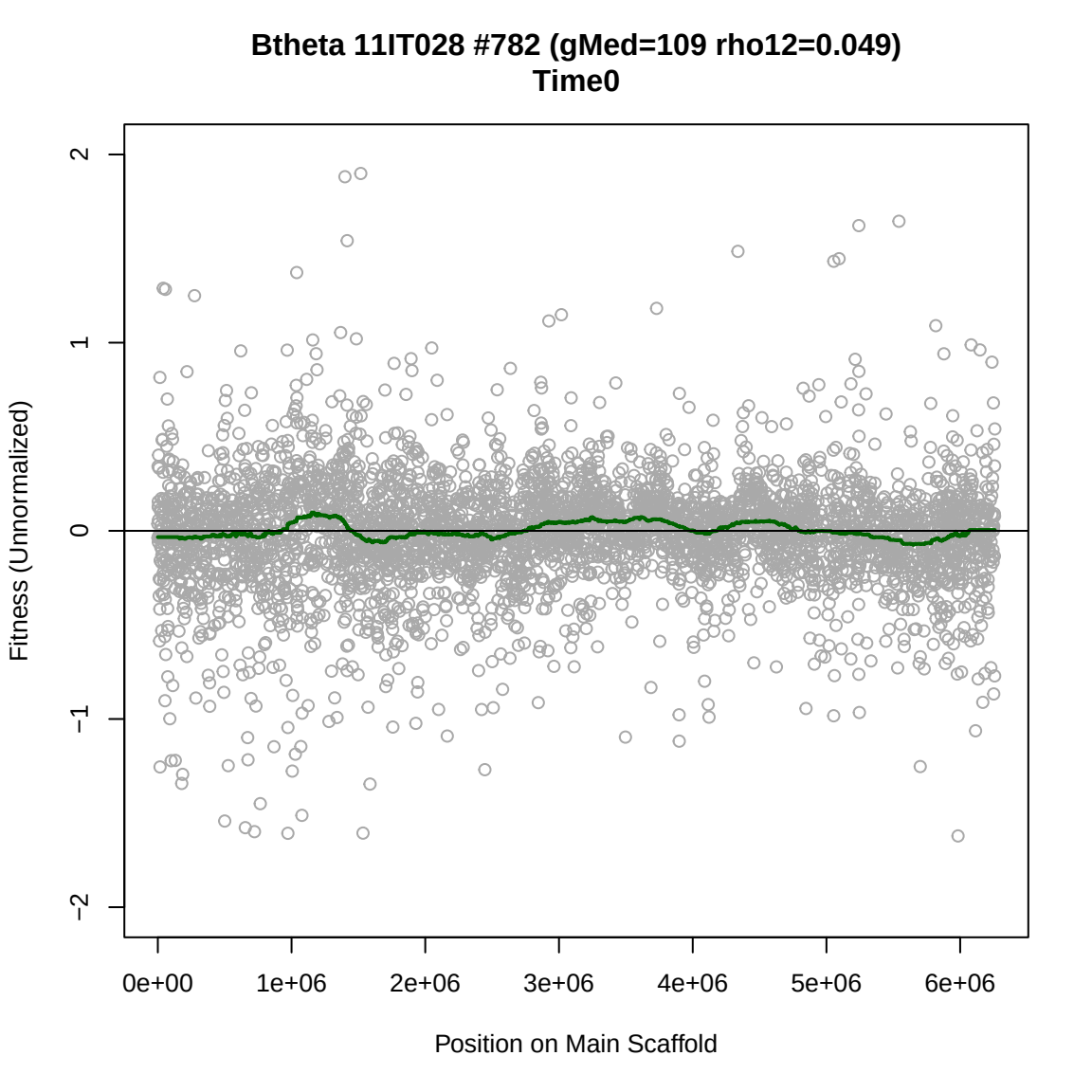

Btheta 11IT023 #777 (gMed=96 rho12=0.185)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

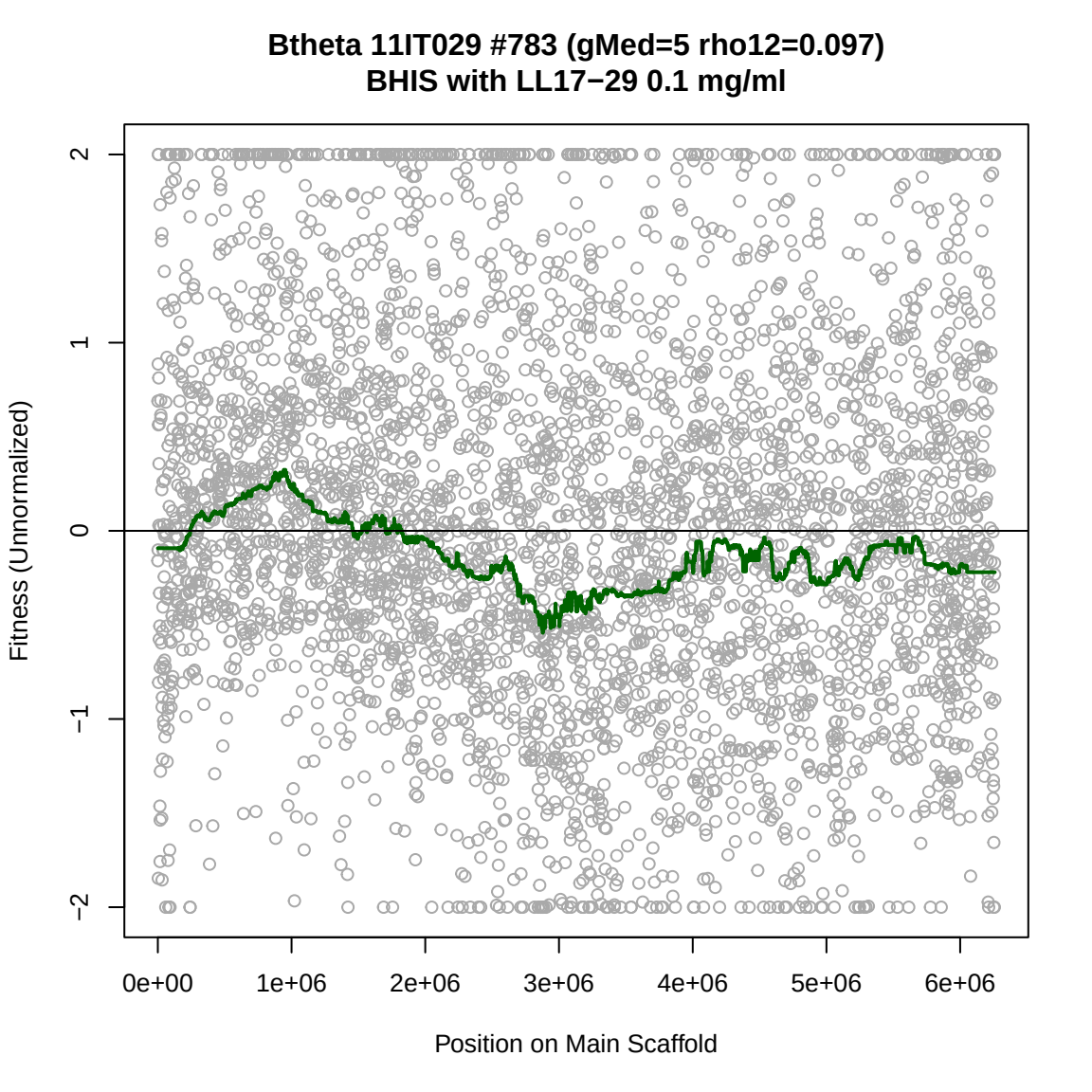

Btheta 11IT024 #778 (gMed=93 rho12=0.164)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

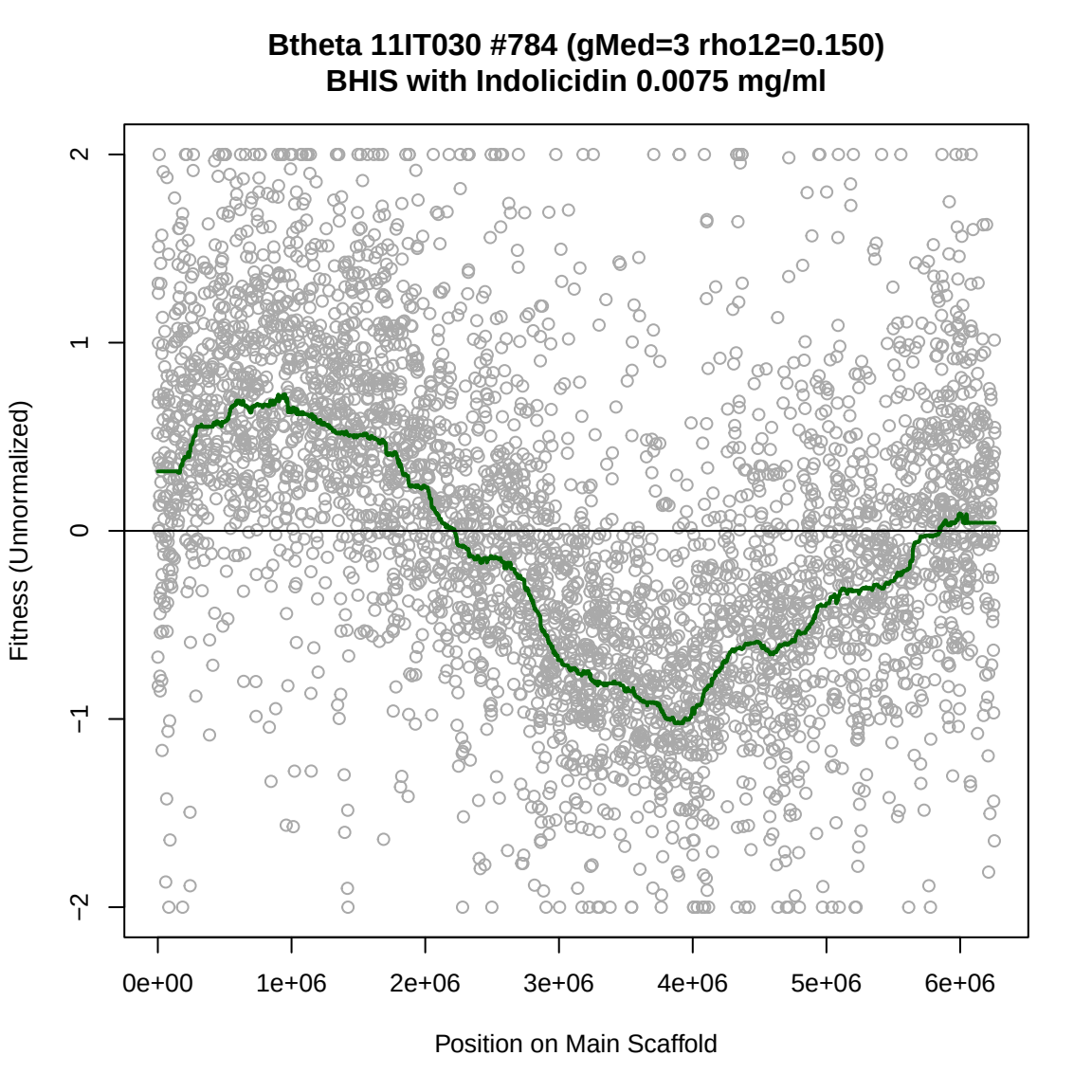

Btheta 11IT025 #779 (gMed=118 rho12=0.170)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

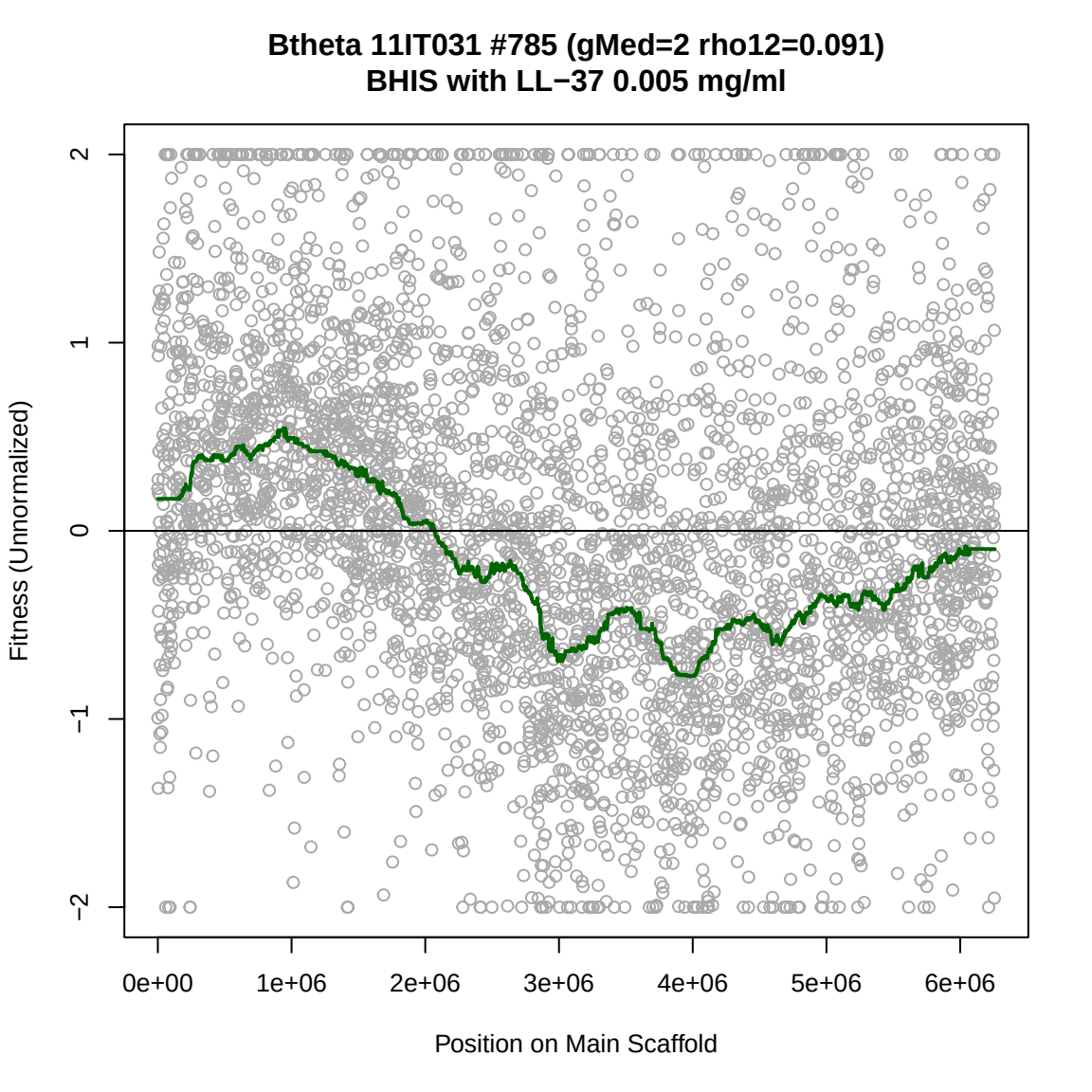

Btheta 11IT026 #780 (gMed=106 rho12=0.184)
Varel_Bryant_medium_Glucose with Dimethyl Sulfoxide 0.2 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

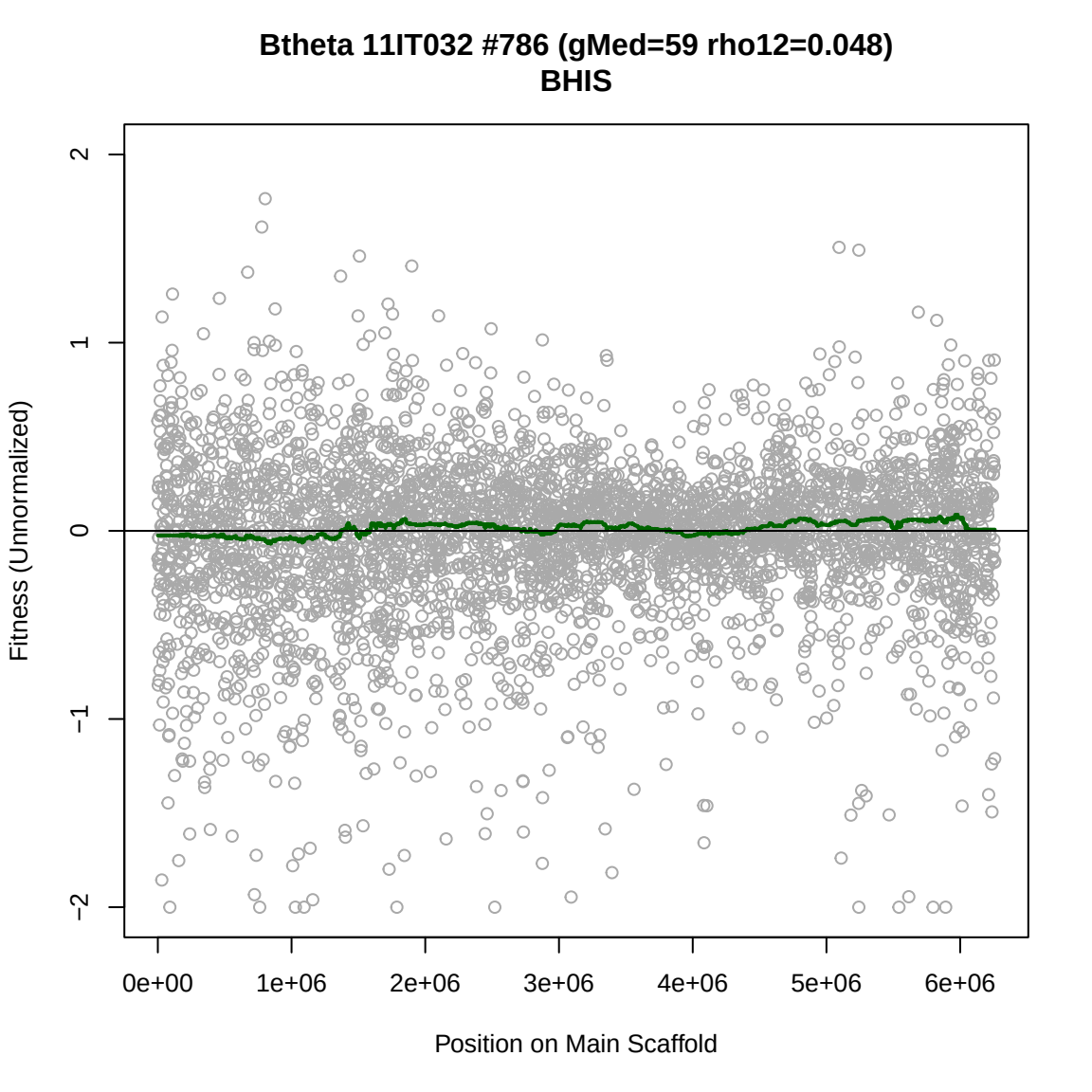

Btheta 11IT027 #781 (gMed=133 rho12=0.049)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

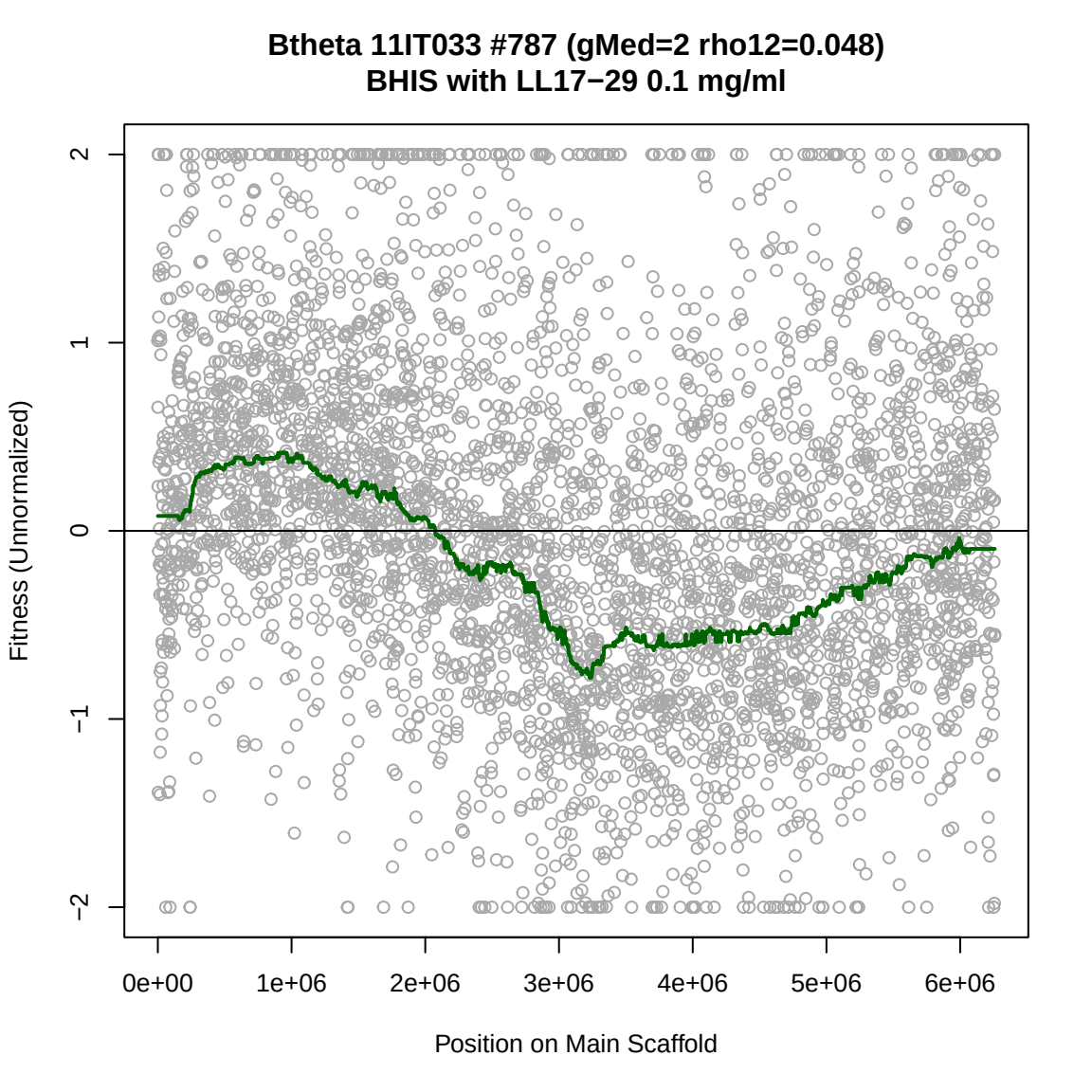

Btheta 11IT028 #782 (gMed=109 rho12=0.049)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

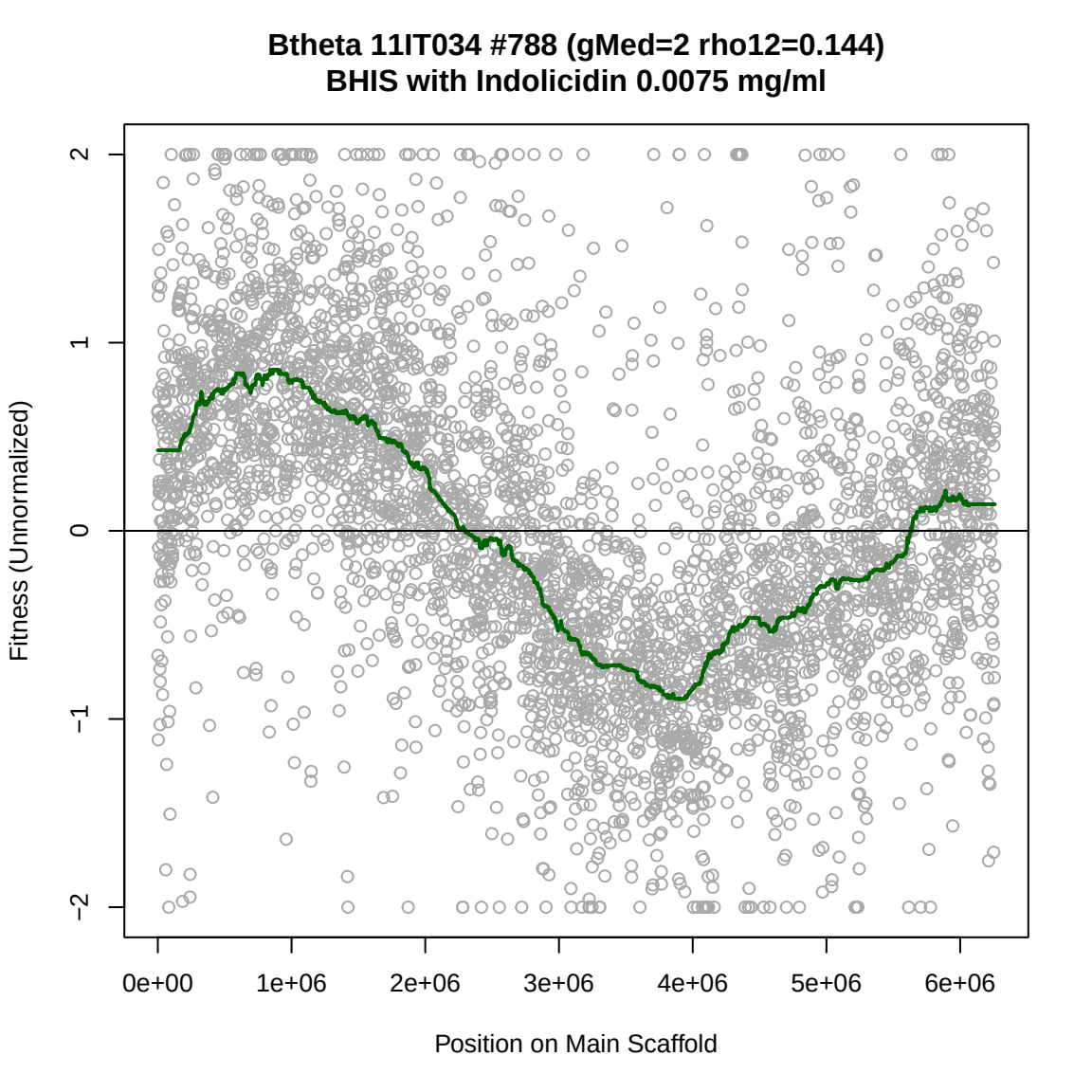

Btheta 11IT029 #783 (gMed=5 rho12=0.097)
BHIS with LL17−29 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

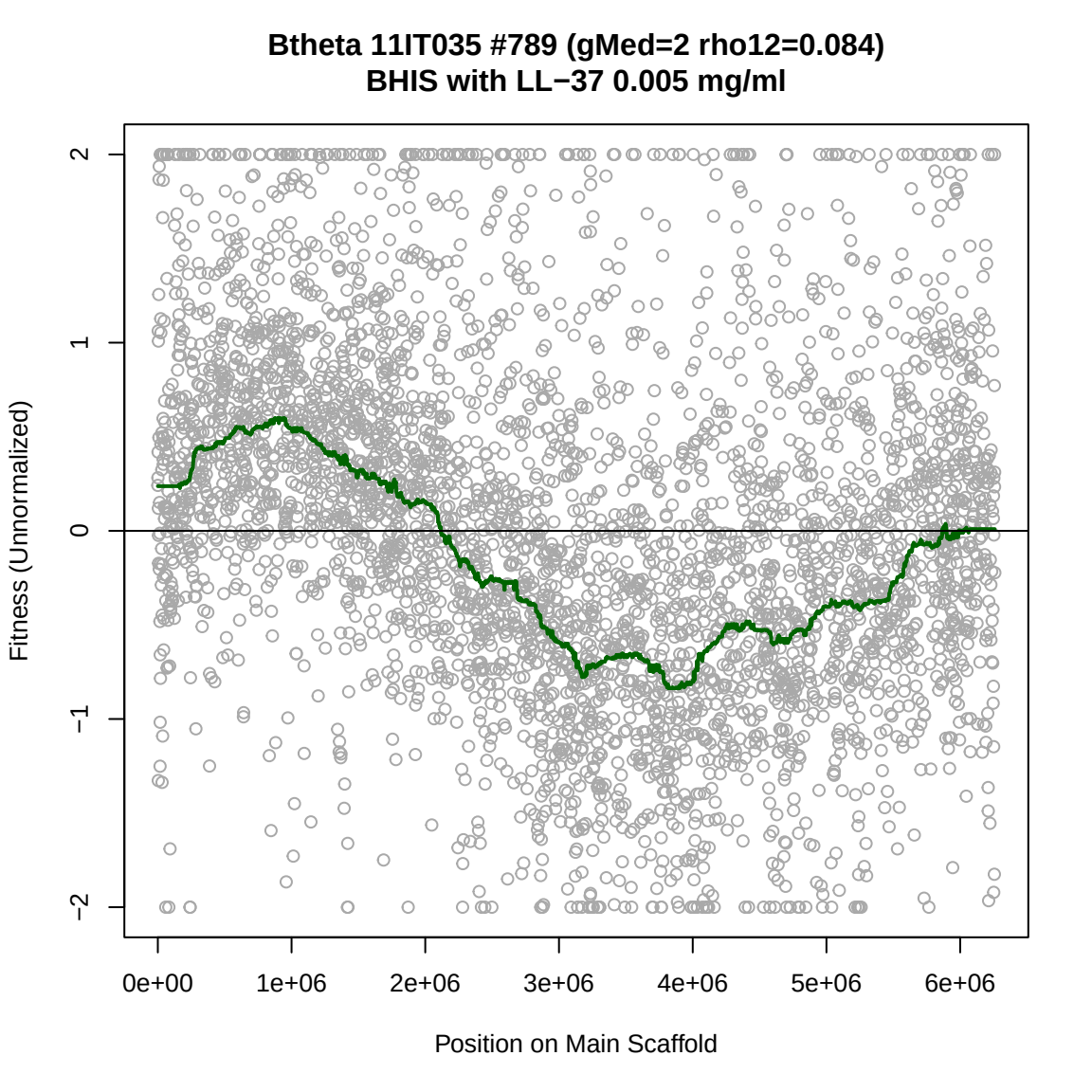

Btheta 11IT030 #784 (gMed=3 rho12=0.150)
BHIS with Indolicidin 0.0075 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

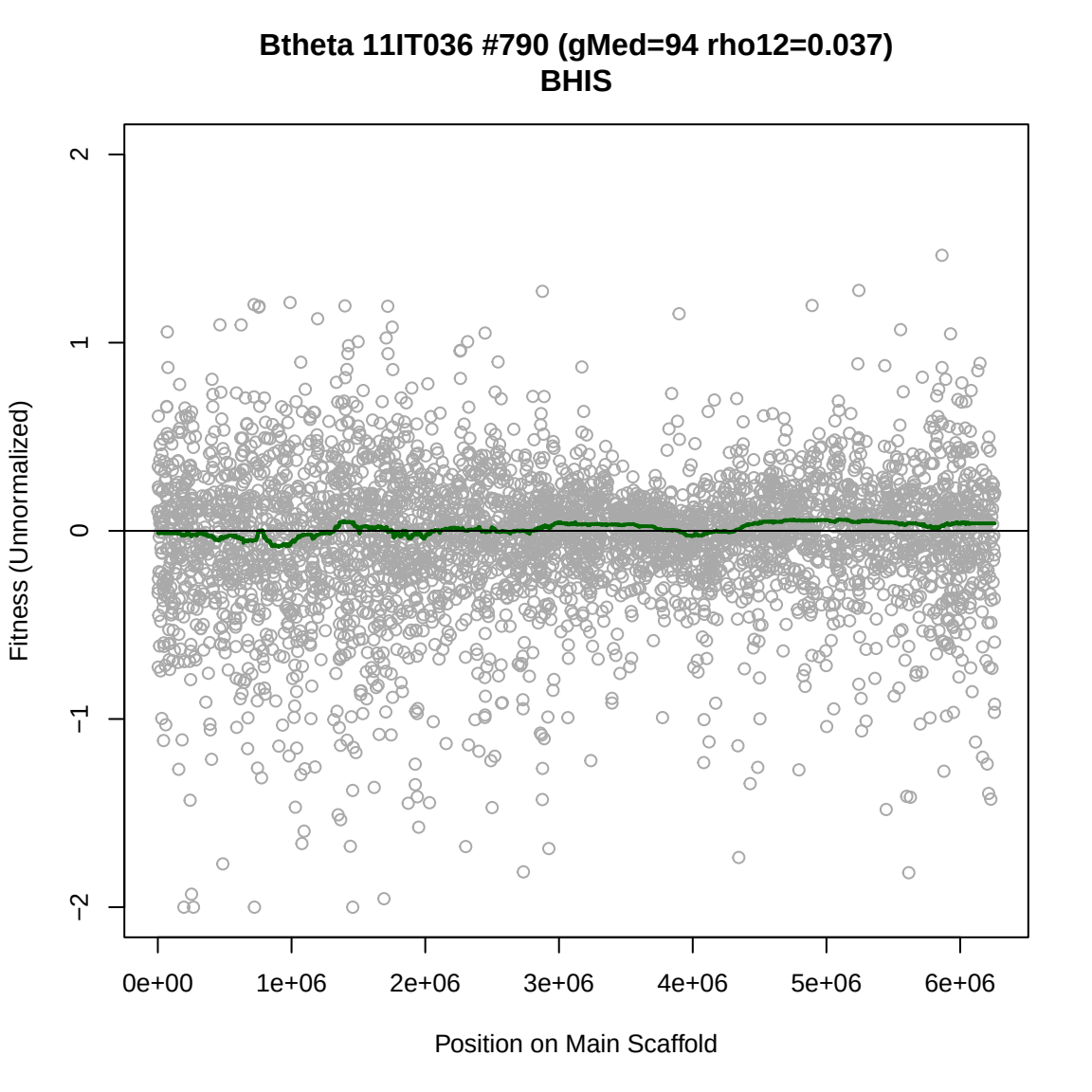

Btheta 11IT031 #785 (gMed=2 rho12=0.091)
BHIS with LL−37 0.005 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

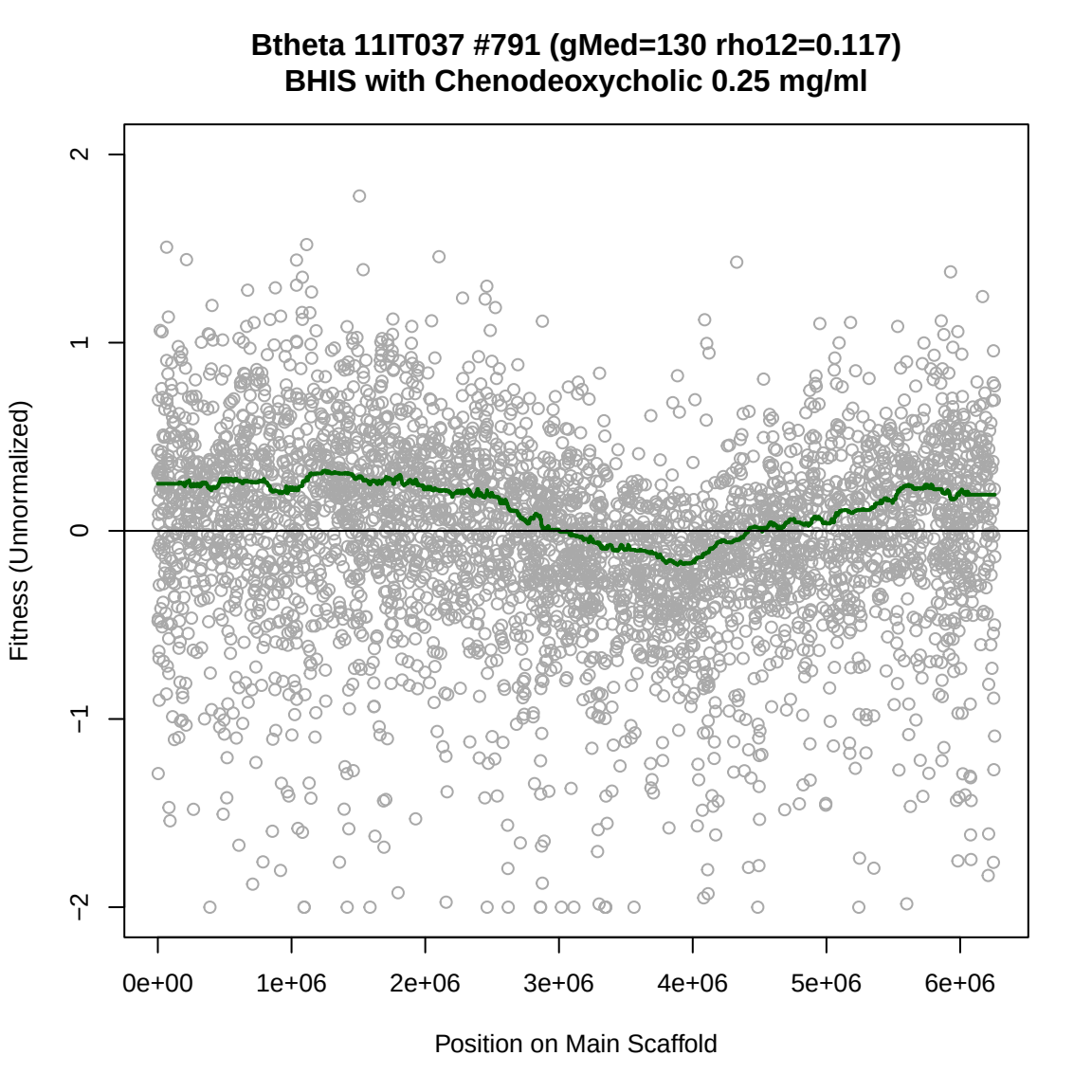

Btheta 11IT032 #786 (gMed=59 rho12=0.048)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

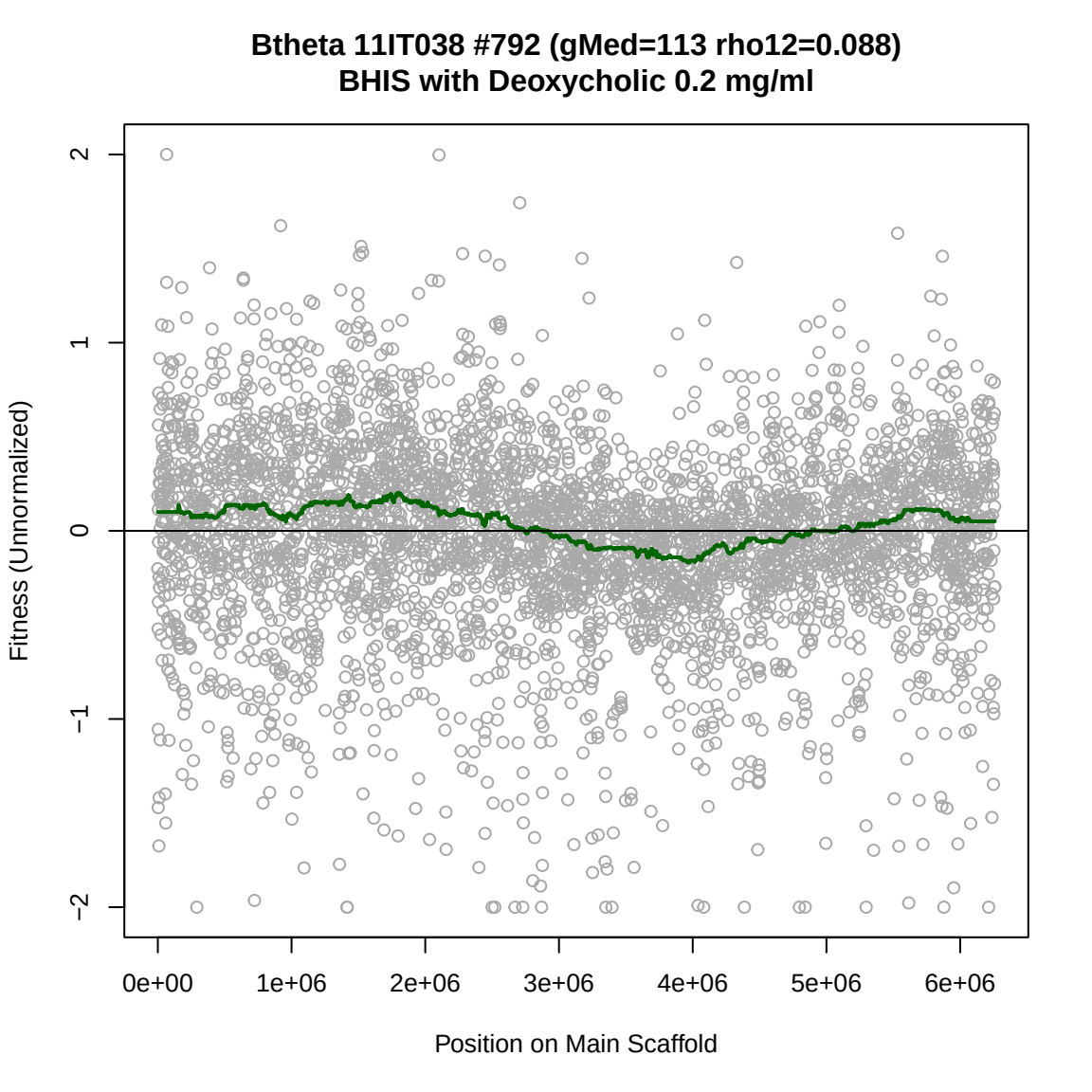

Btheta 11IT033 #787 (gMed=2 rho12=0.048)
BHIS with LL17−29 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

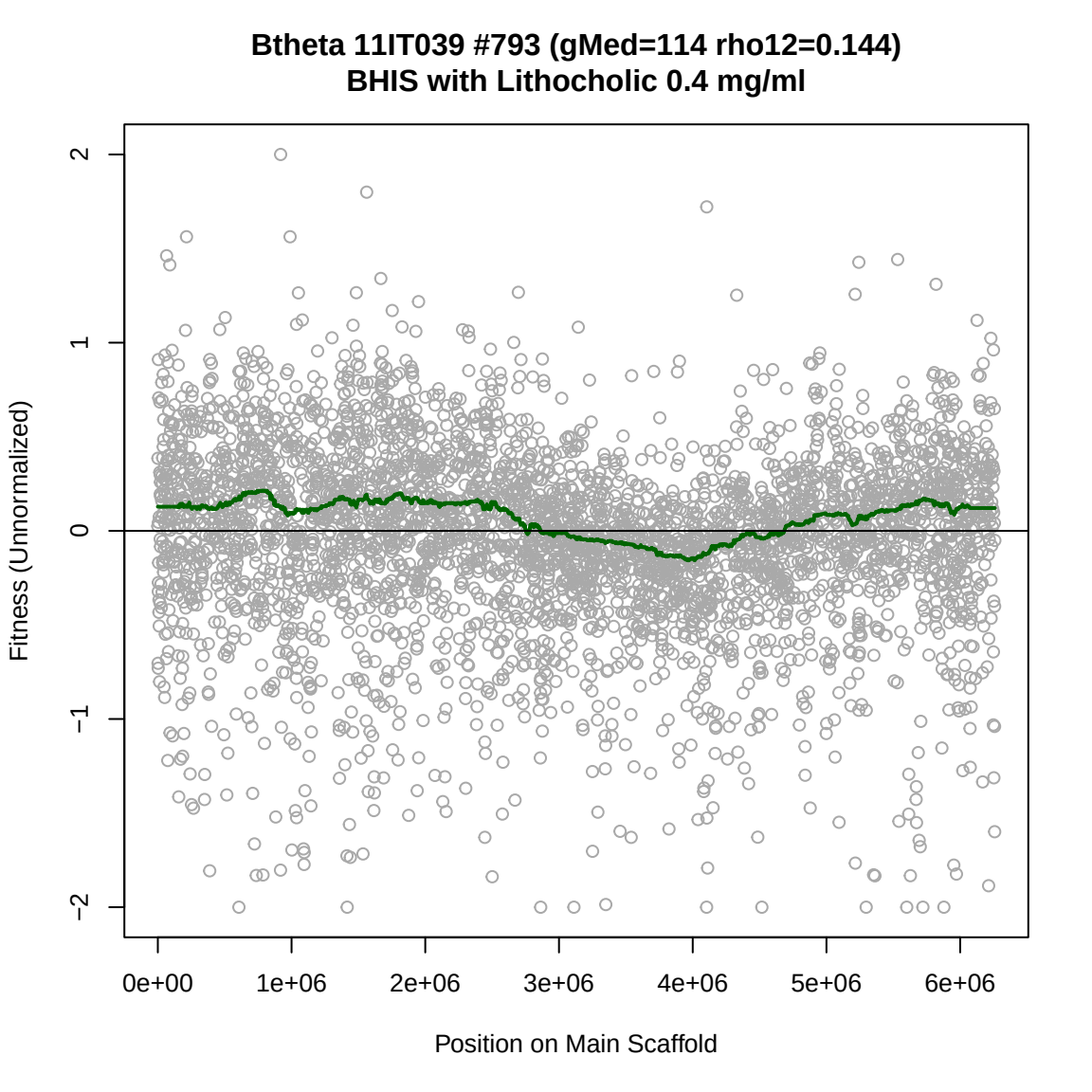

Btheta 11IT034 #788 (gMed=2 rho12=0.144)
BHIS with Indolicidin 0.0075 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

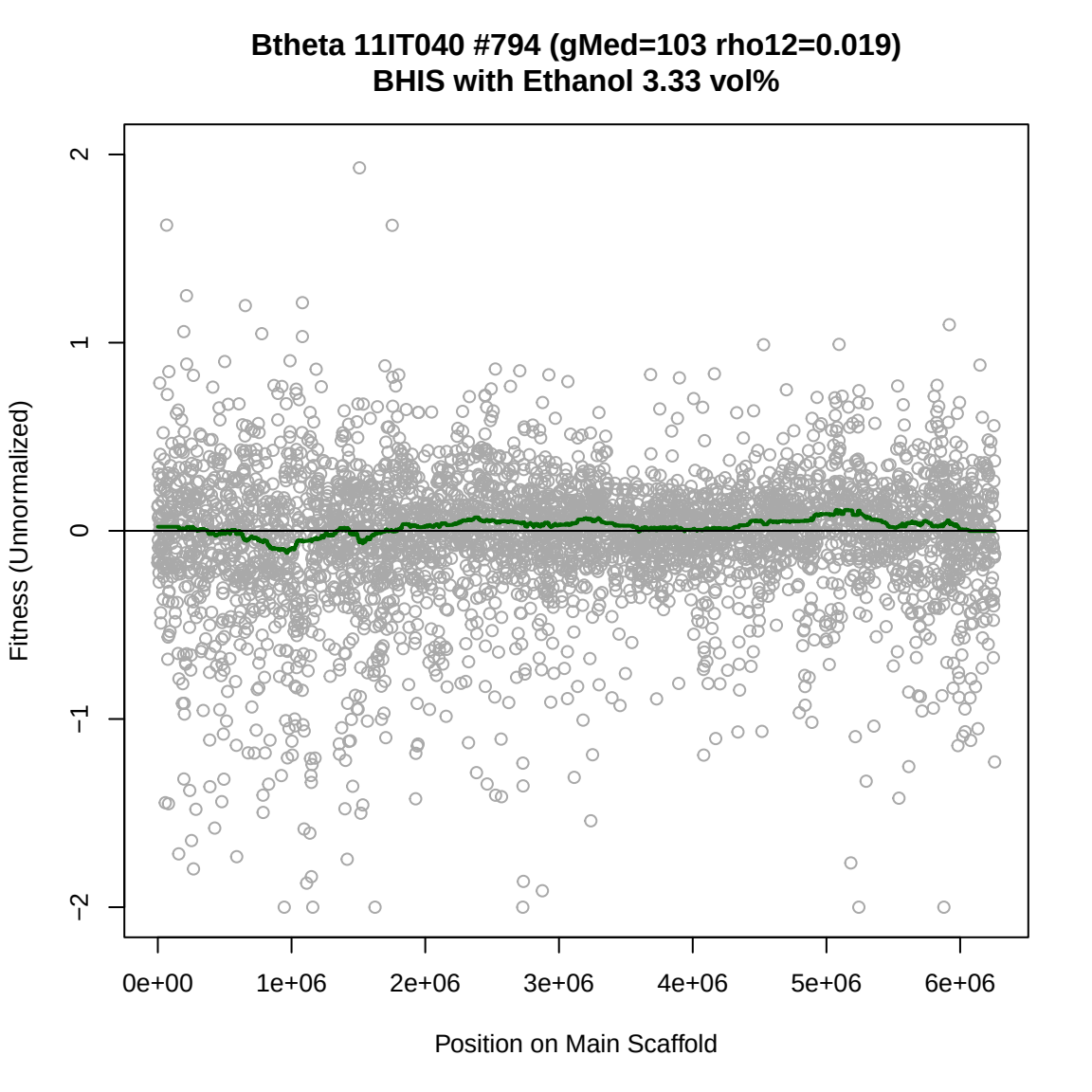

Btheta 11IT035 #789 (gMed=2 rho12=0.084)
BHIS with LL−37 0.005 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

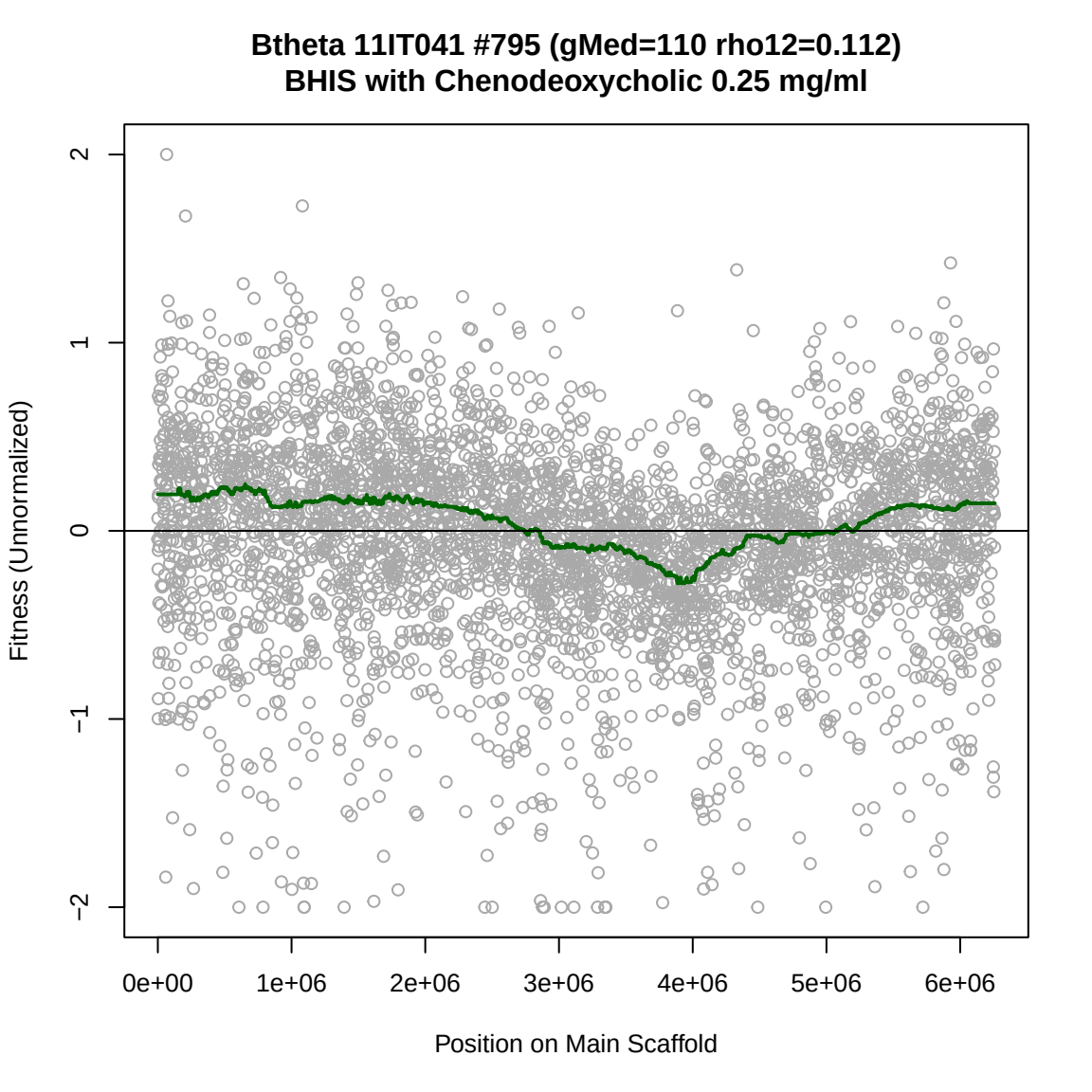

Btheta 11IT036 #790 (gMed=94 rho12=0.037)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

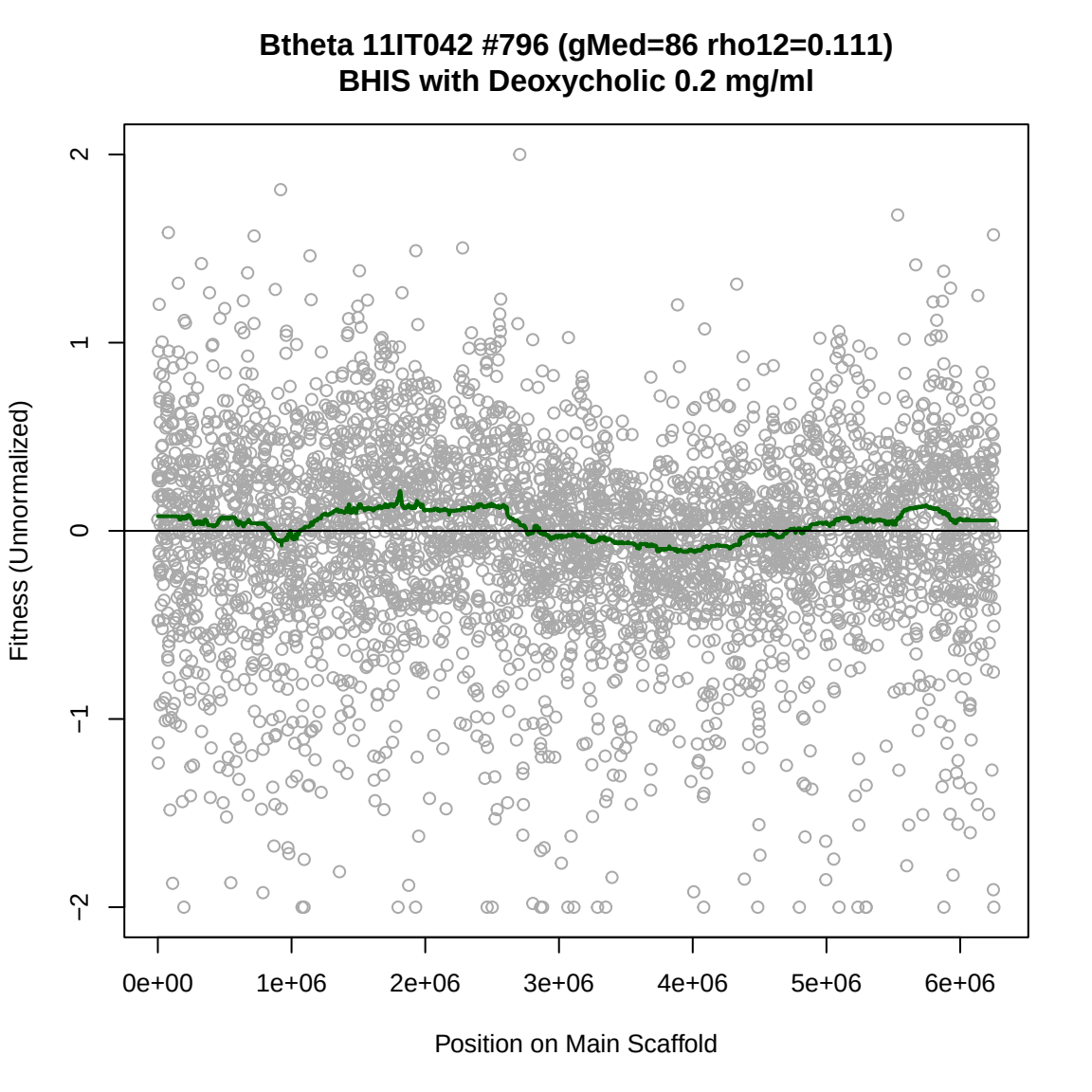

Btheta 11IT037 #791 (gMed=130 rho12=0.117)
BHIS with Chenodeoxycholic 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

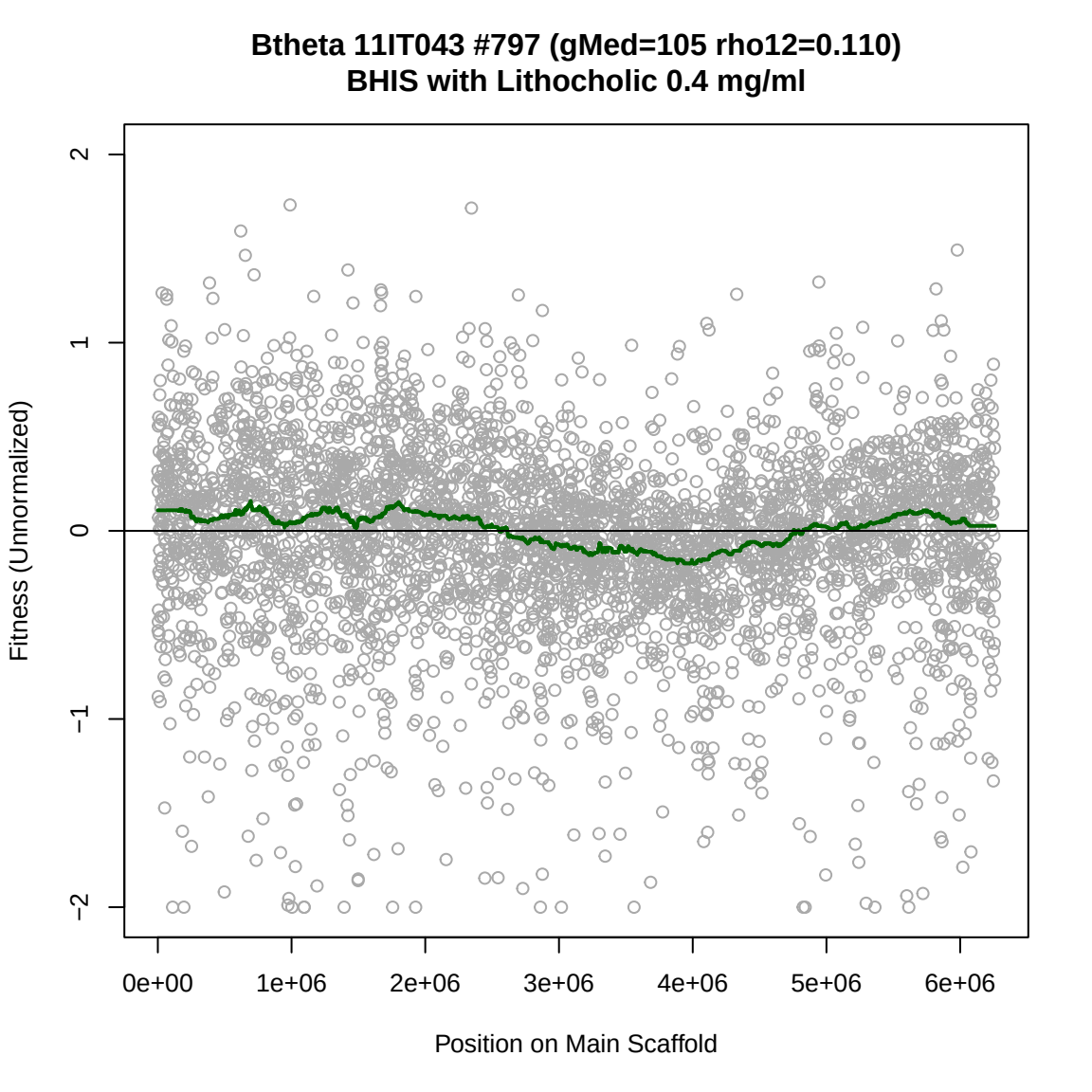

Btheta 11IT038 #792 (gMed=113 rho12=0.088)
BHIS with Deoxycholic 0.2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

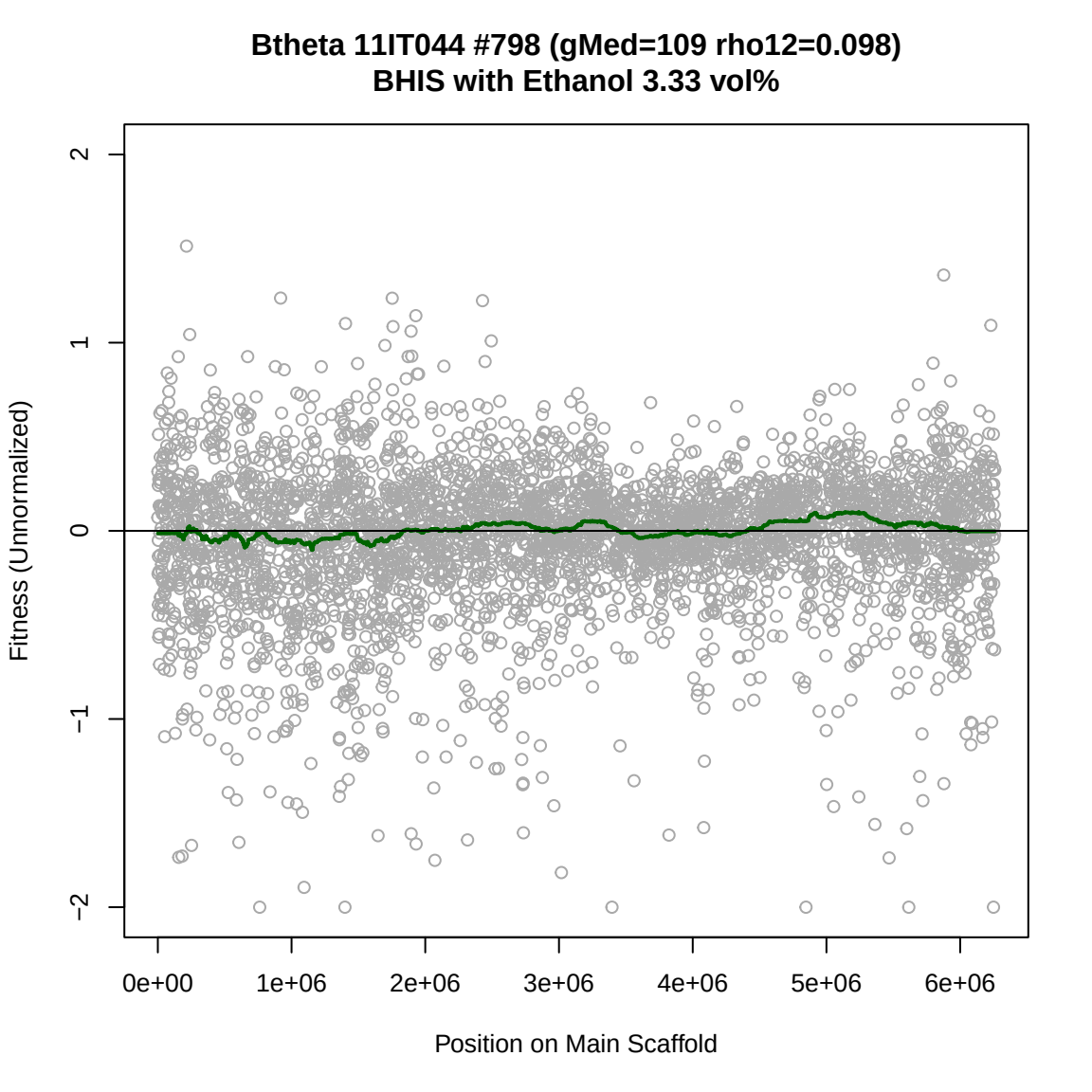

Btheta 11IT039 #793 (gMed=114 rho12=0.144)
BHIS with Lithocholic 0.4 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

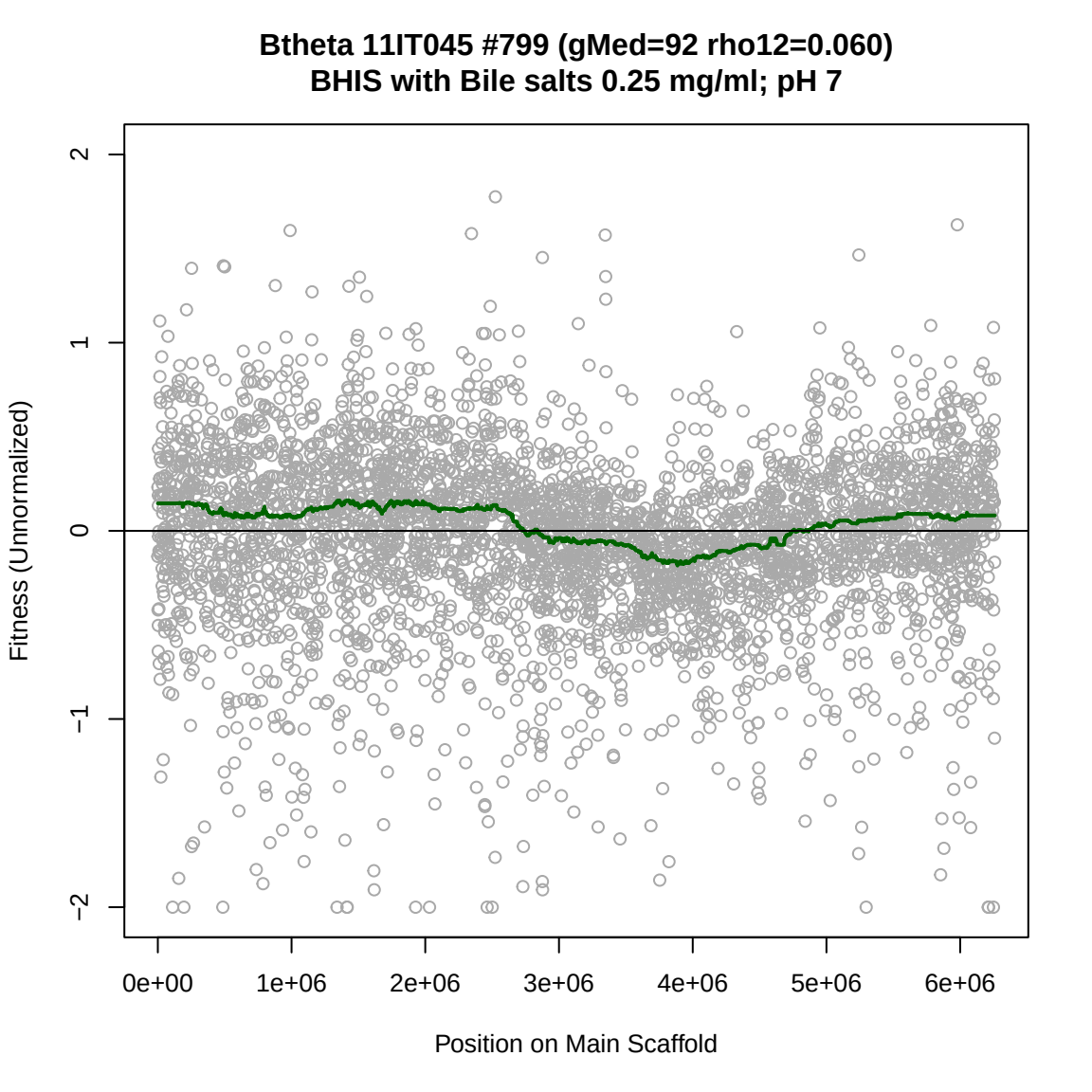

Btheta 11IT040 #794 (gMed=103 rho12=0.019)
BHIS with Ethanol 3.33 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

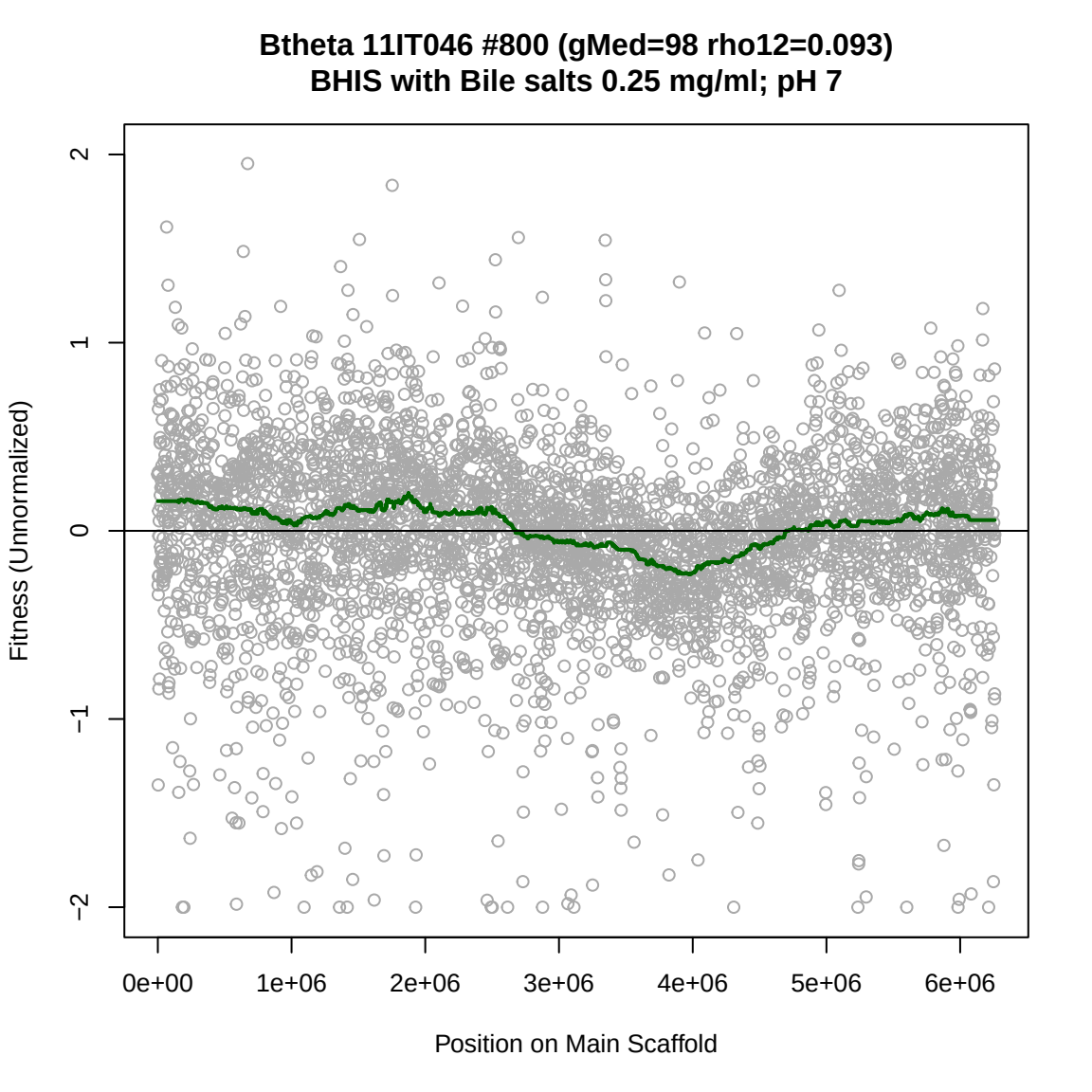

Btheta 11IT041 #795 (gMed=110 rho12=0.112)
BHIS with Chenodeoxycholic 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

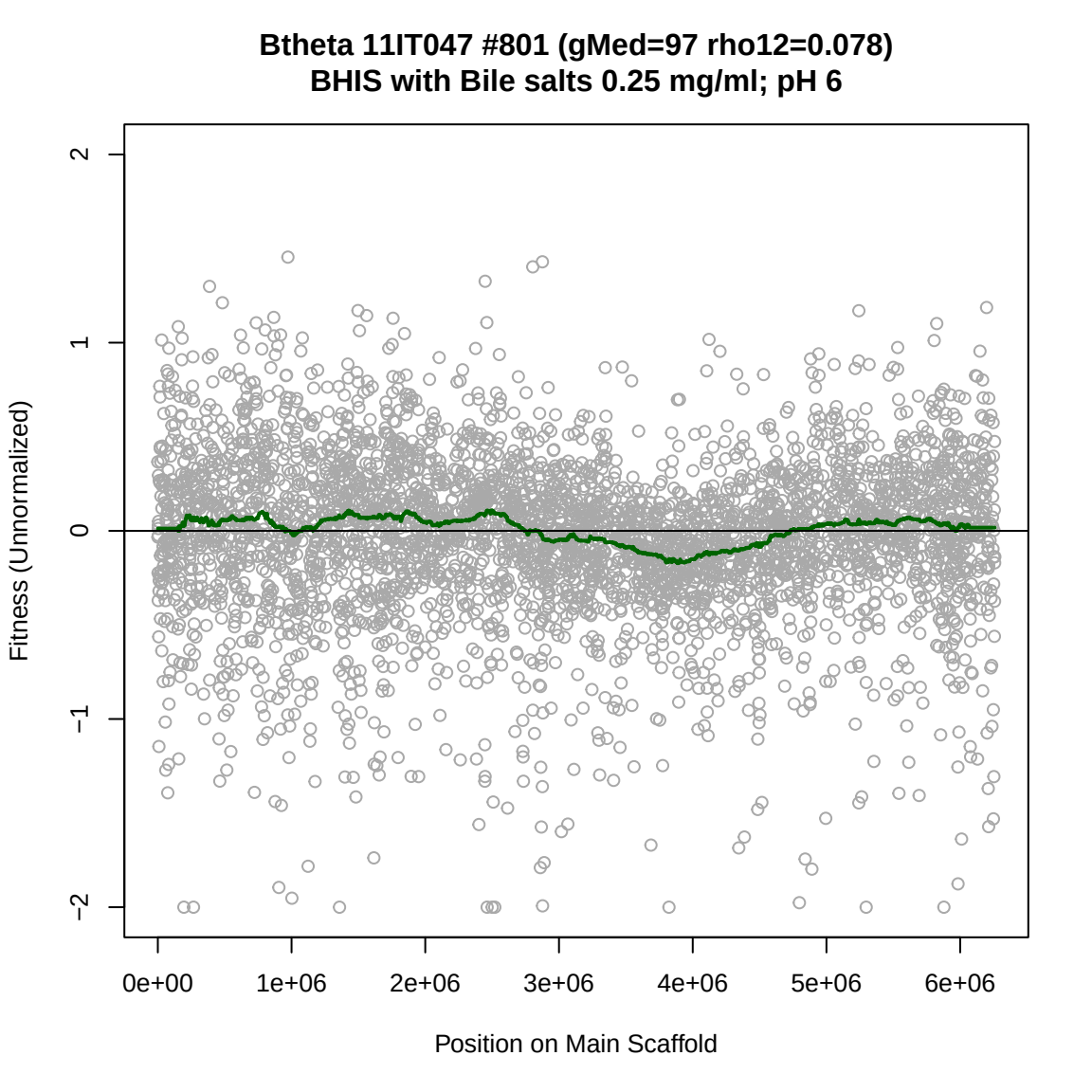

Btheta 11IT042 #796 (gMed=86 rho12=0.111)
BHIS with Deoxycholic 0.2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

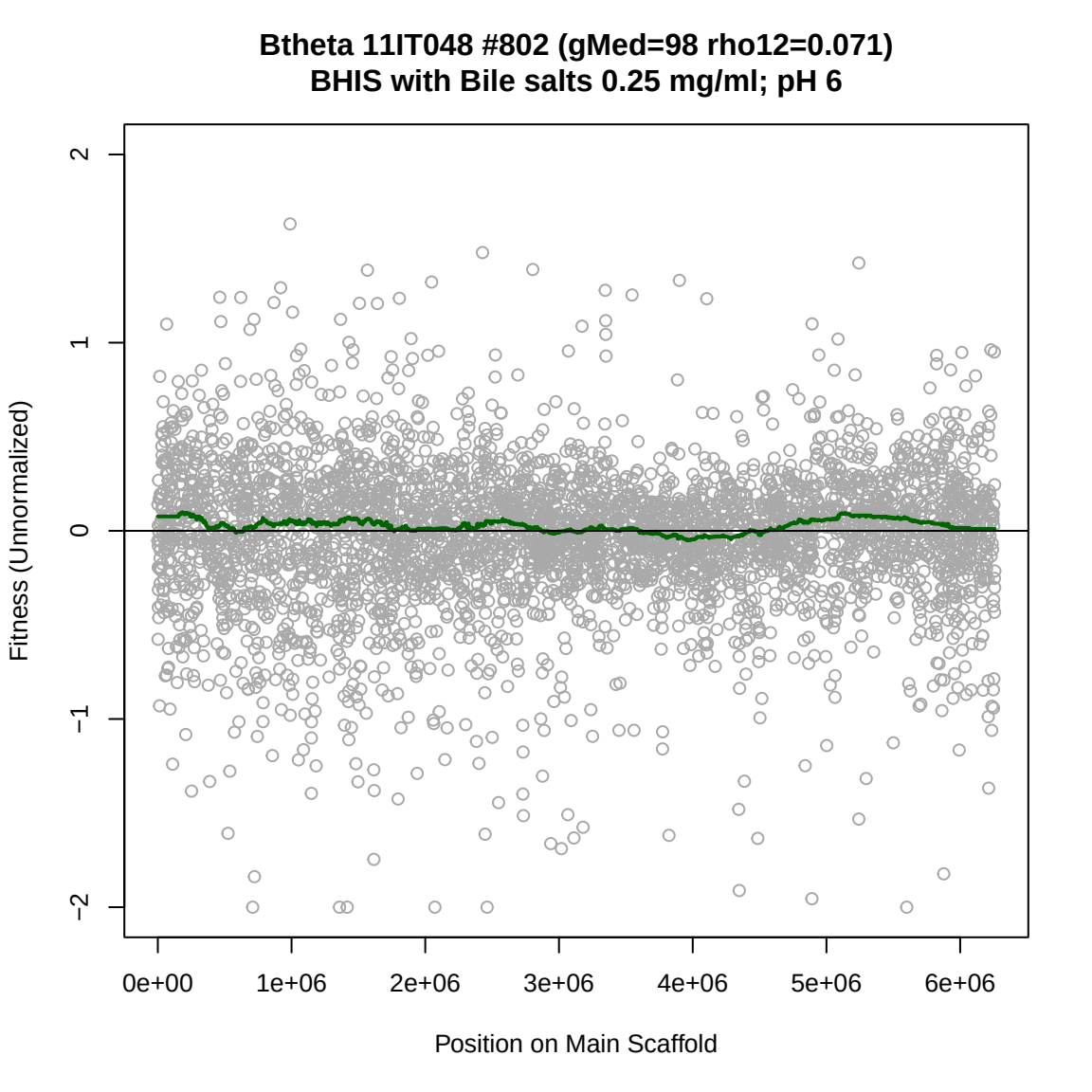

Btheta 11IT043 #797 (gMed=105 rho12=0.110)
BHIS with Lithocholic 0.4 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

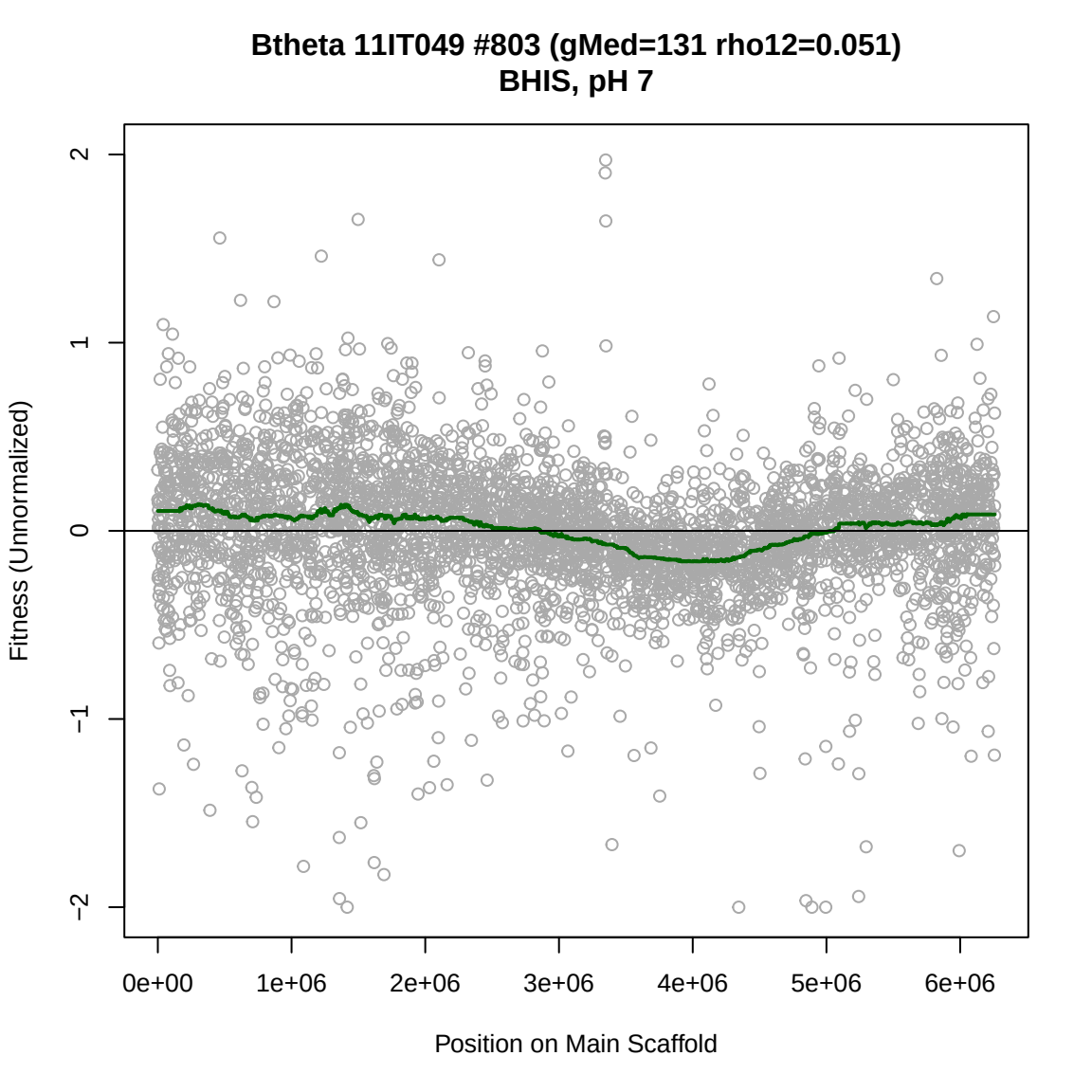

Btheta 11IT044 #798 (gMed=109 rho12=0.098)
BHIS with Ethanol 3.33 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

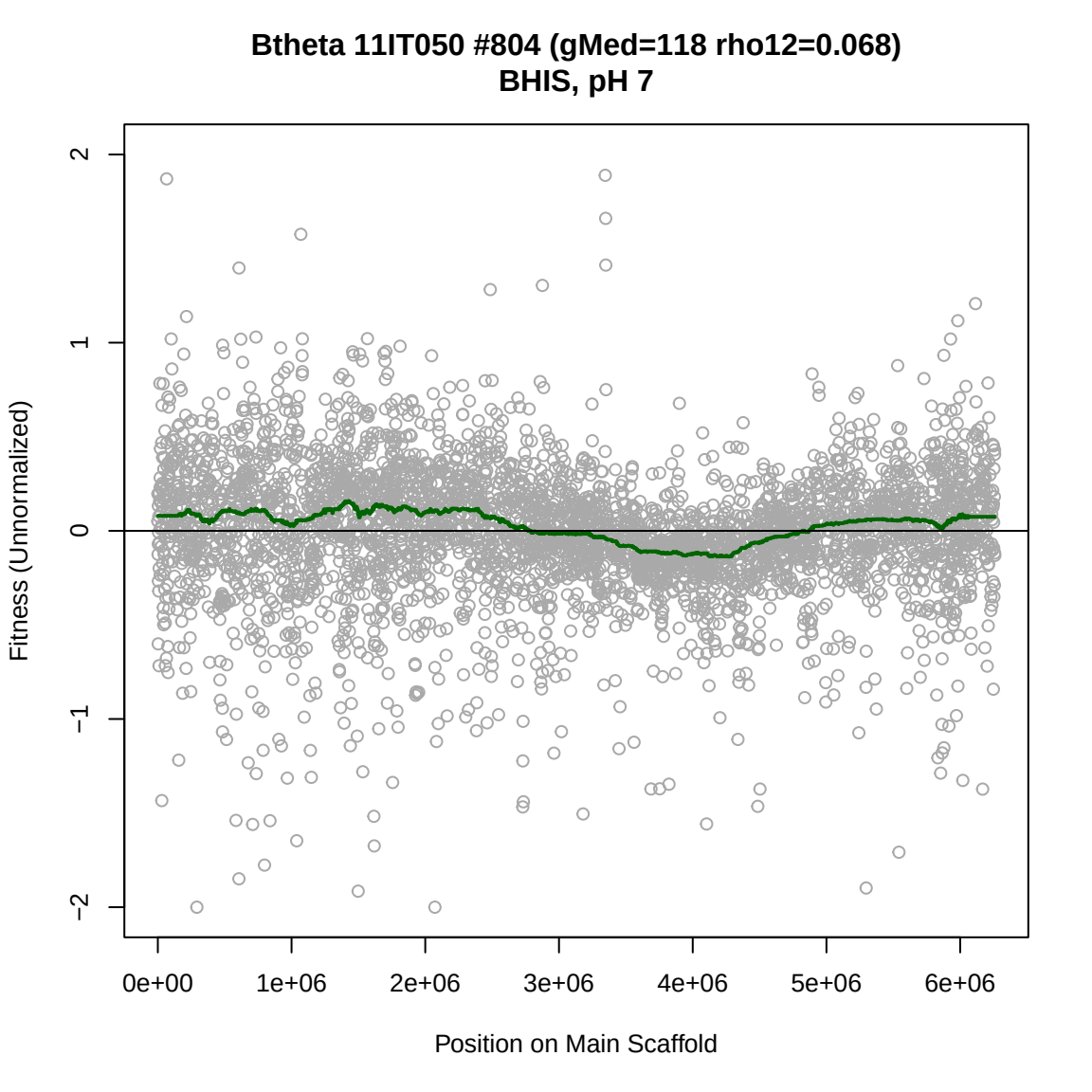

Btheta 11IT045 #799 (gMed=92 rho12=0.060)
BHIS with Bile salts 0.25 mg/ml; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

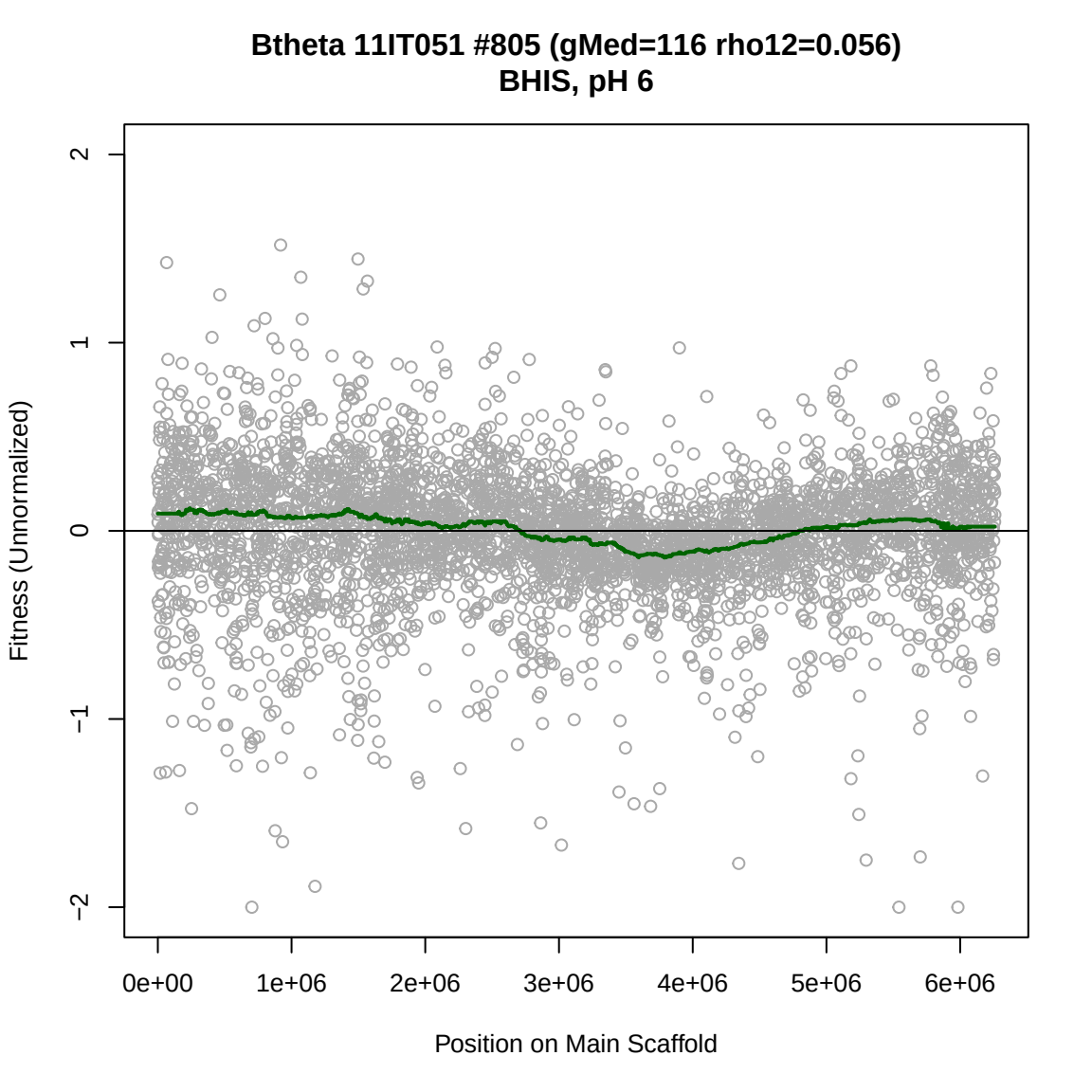

Btheta 11IT046 #800 (gMed=98 rho12=0.093)
BHIS with Bile salts 0.25 mg/ml; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

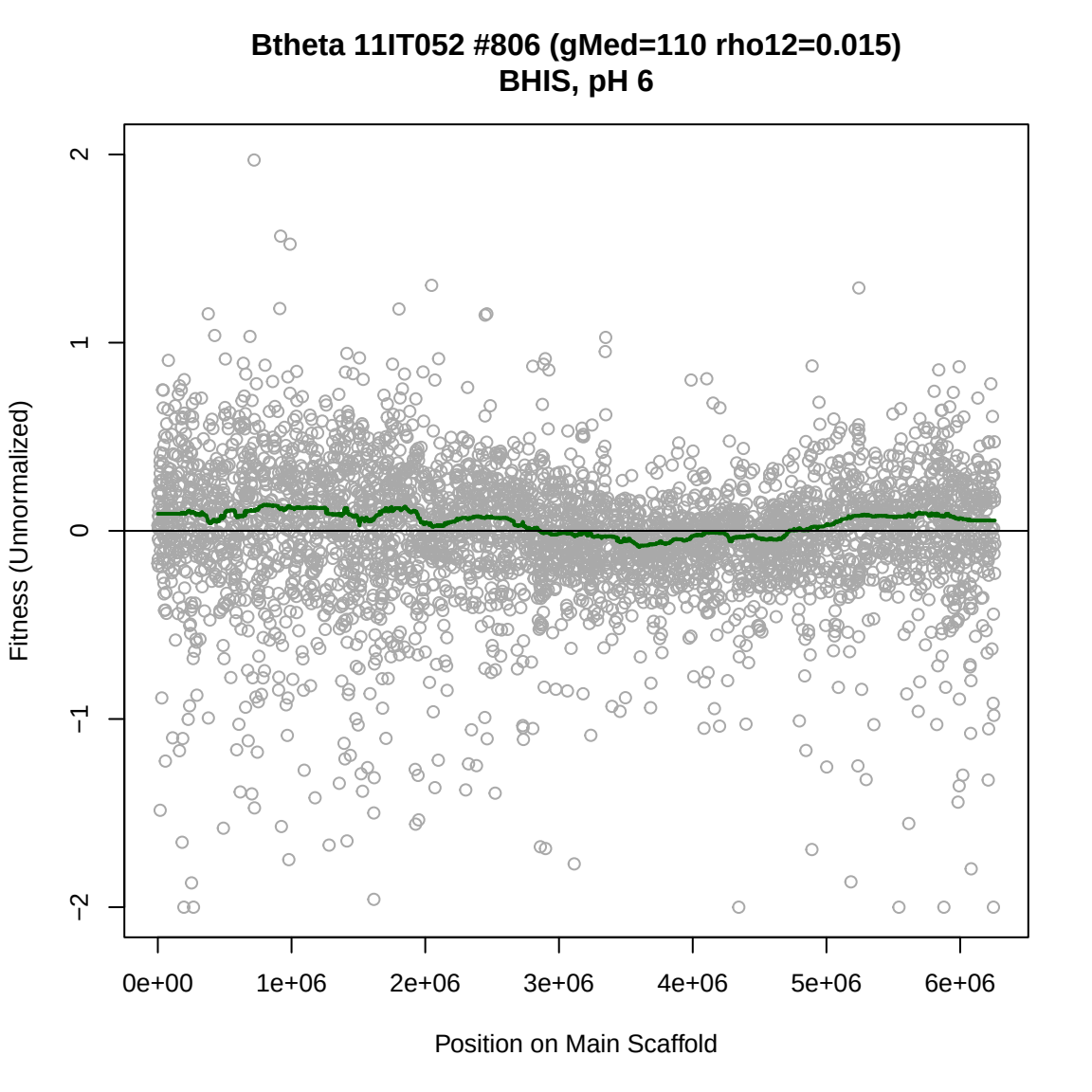

Btheta 11IT047 #801 (gMed=97 rho12=0.078)
BHIS with Bile salts 0.25 mg/ml; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

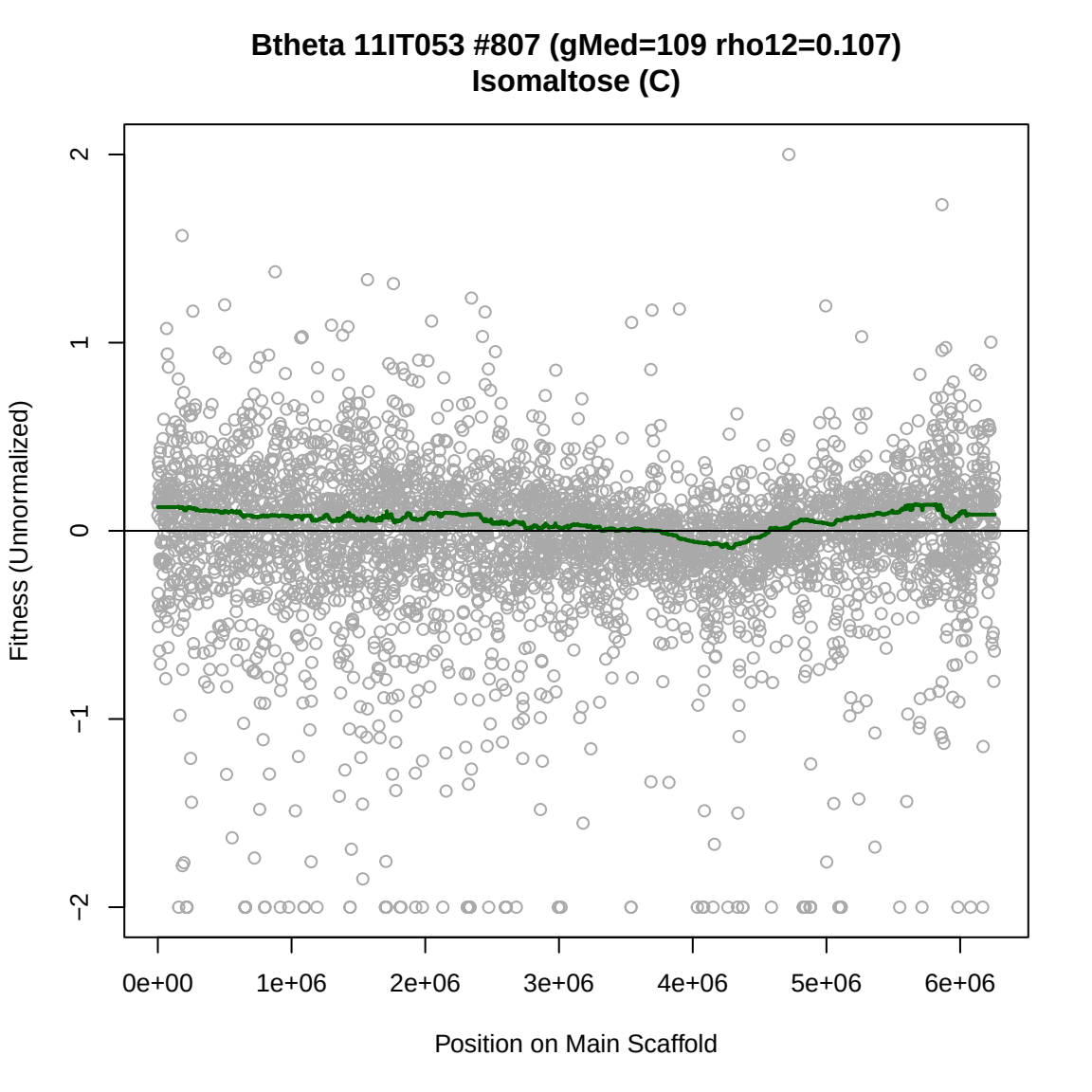

Btheta 11IT048 #802 (gMed=98 rho12=0.071)
BHIS with Bile salts 0.25 mg/ml; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

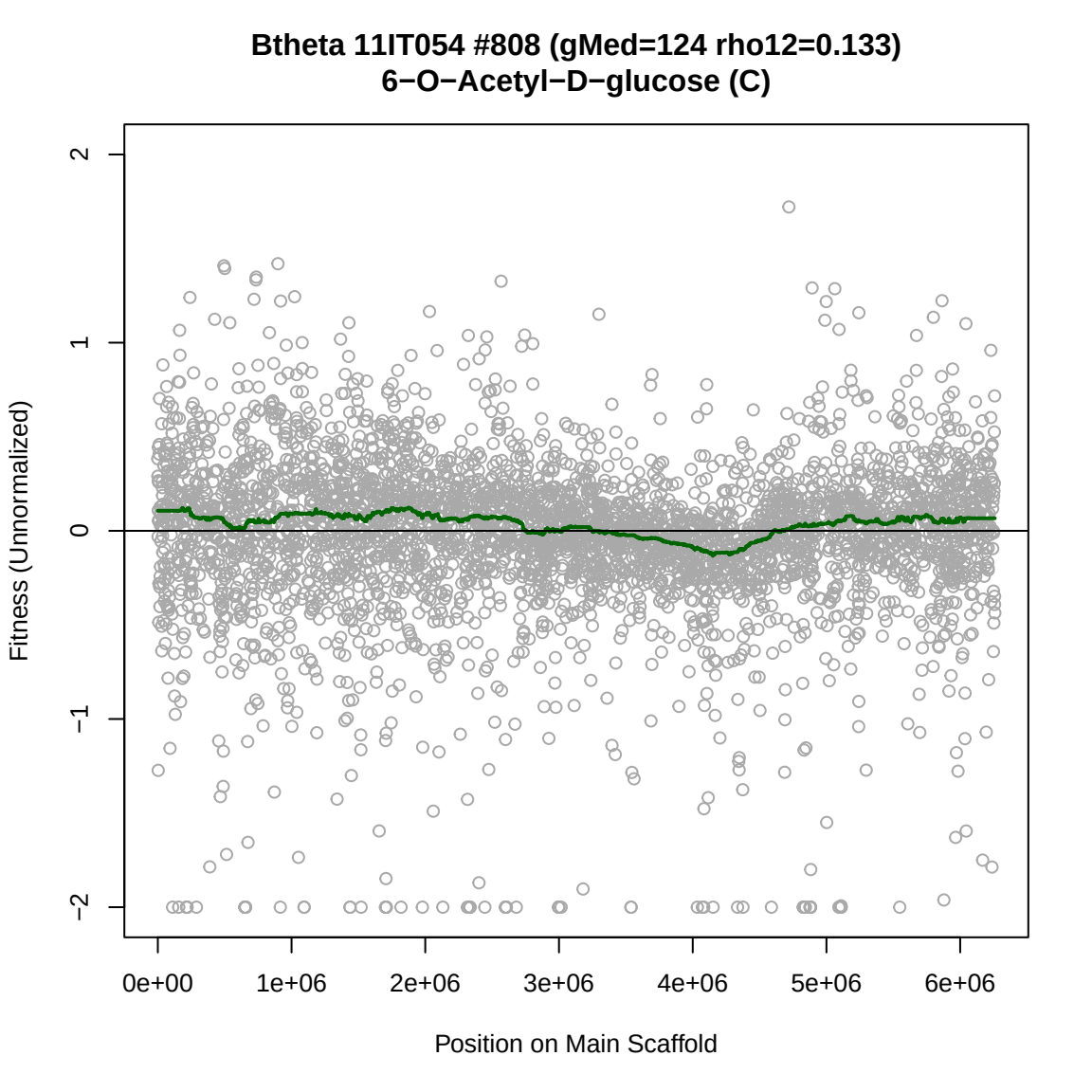

Btheta 11IT049 #803 (gMed=131 rho12=0.051)
BHIS, pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

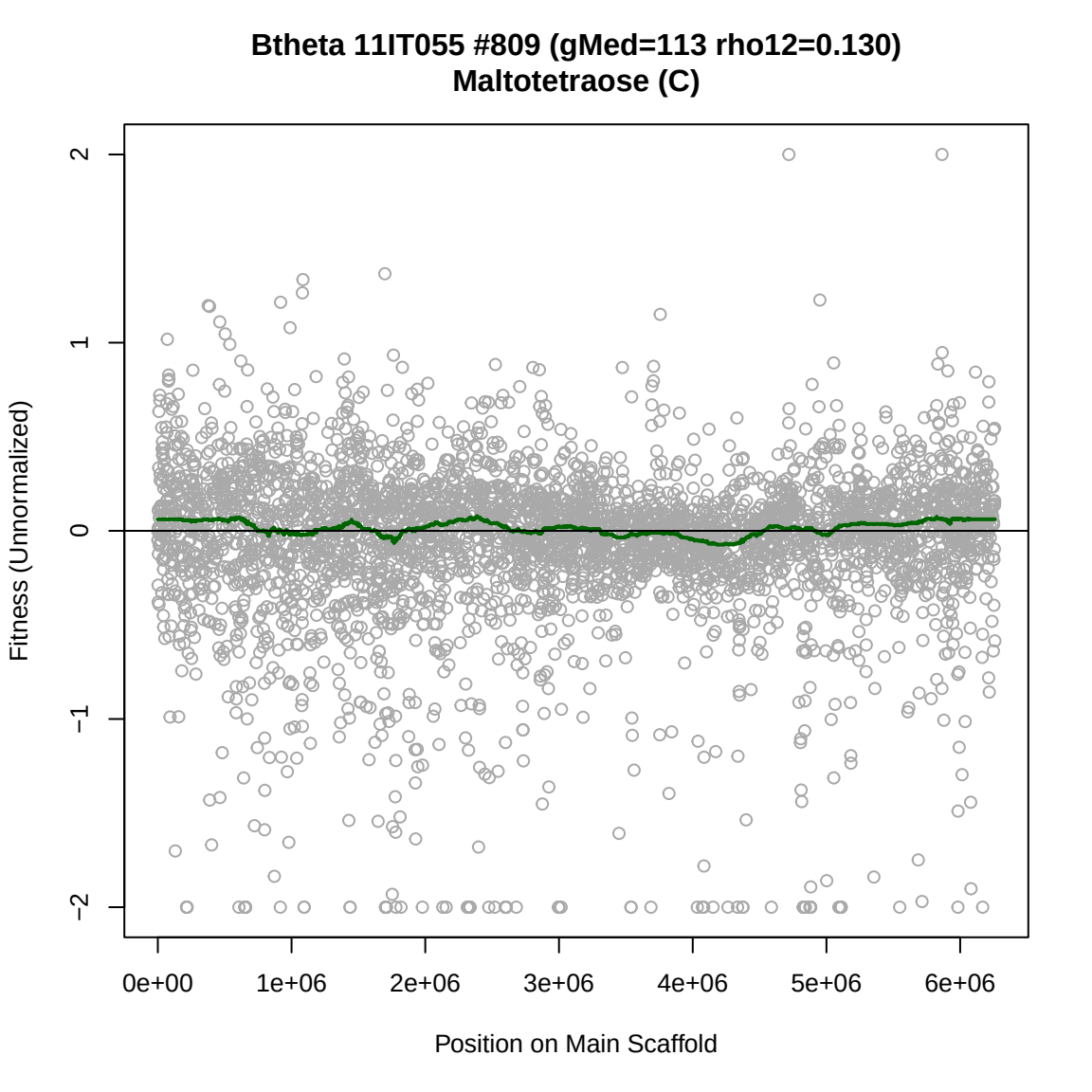

Btheta 11IT050 #804 (gMed=118 rho12=0.068)
BHIS, pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

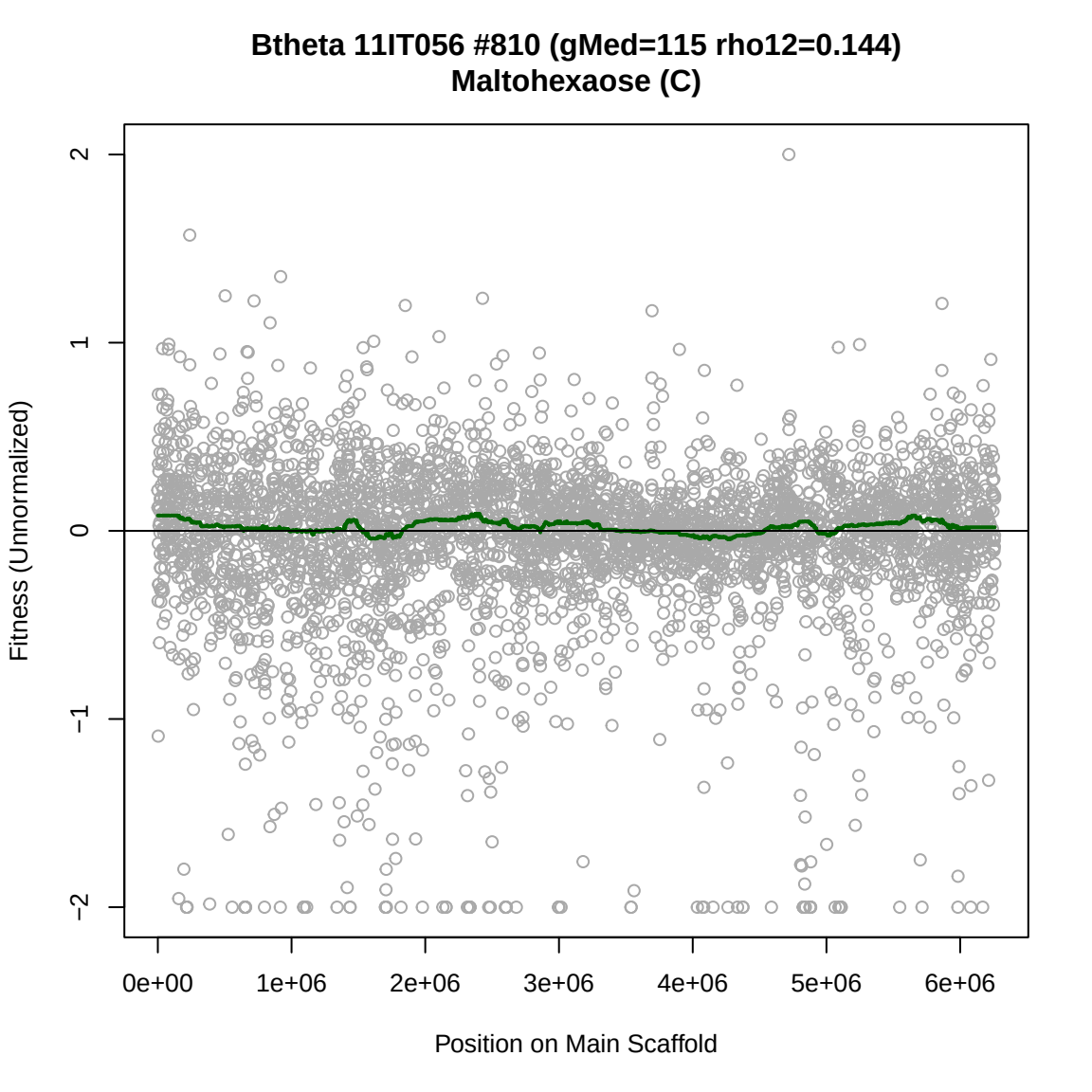

Btheta 11IT051 #805 (gMed=116 rho12=0.056)
BHIS, pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

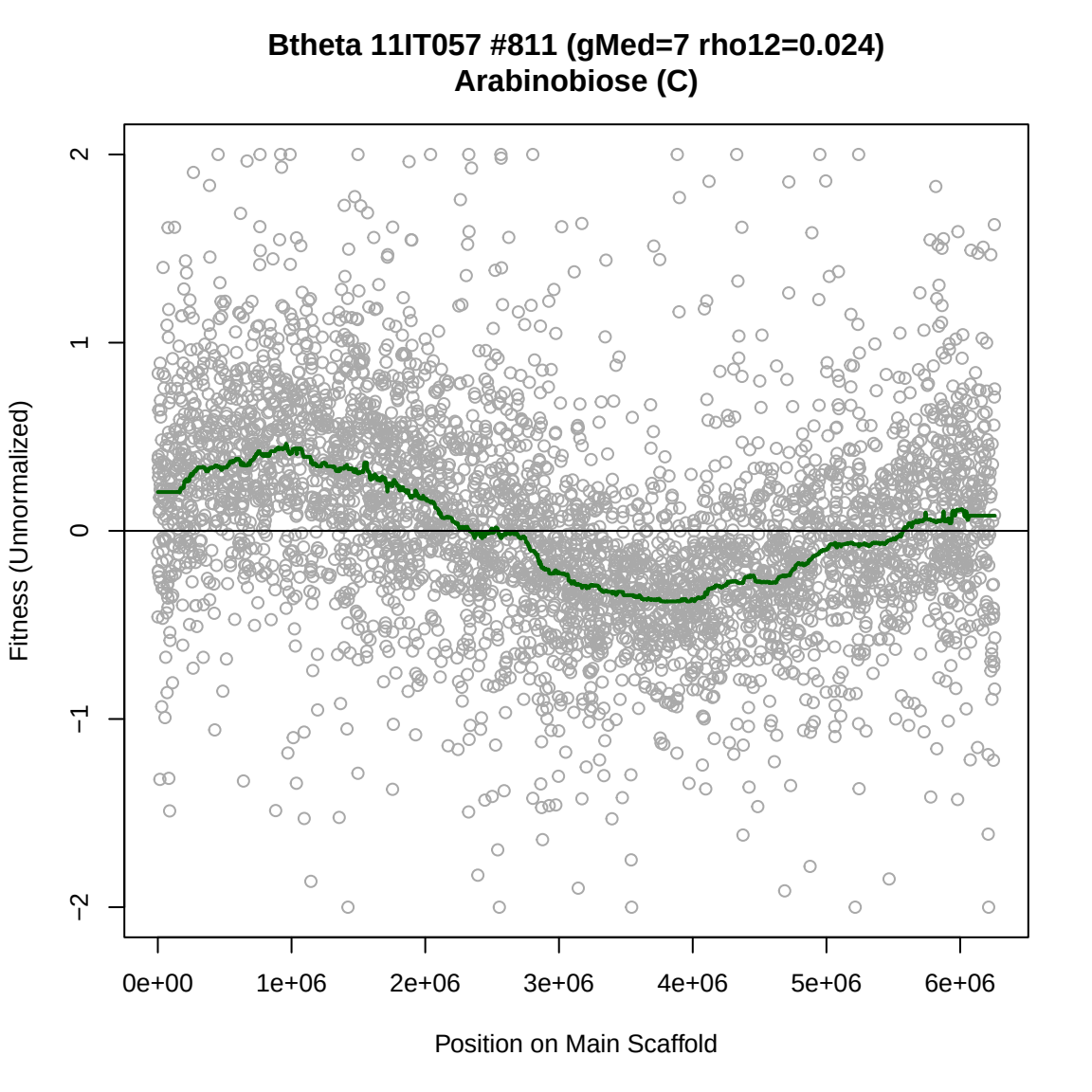

Btheta 11IT052 #806 (gMed=110 rho12=0.015)
BHIS, pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

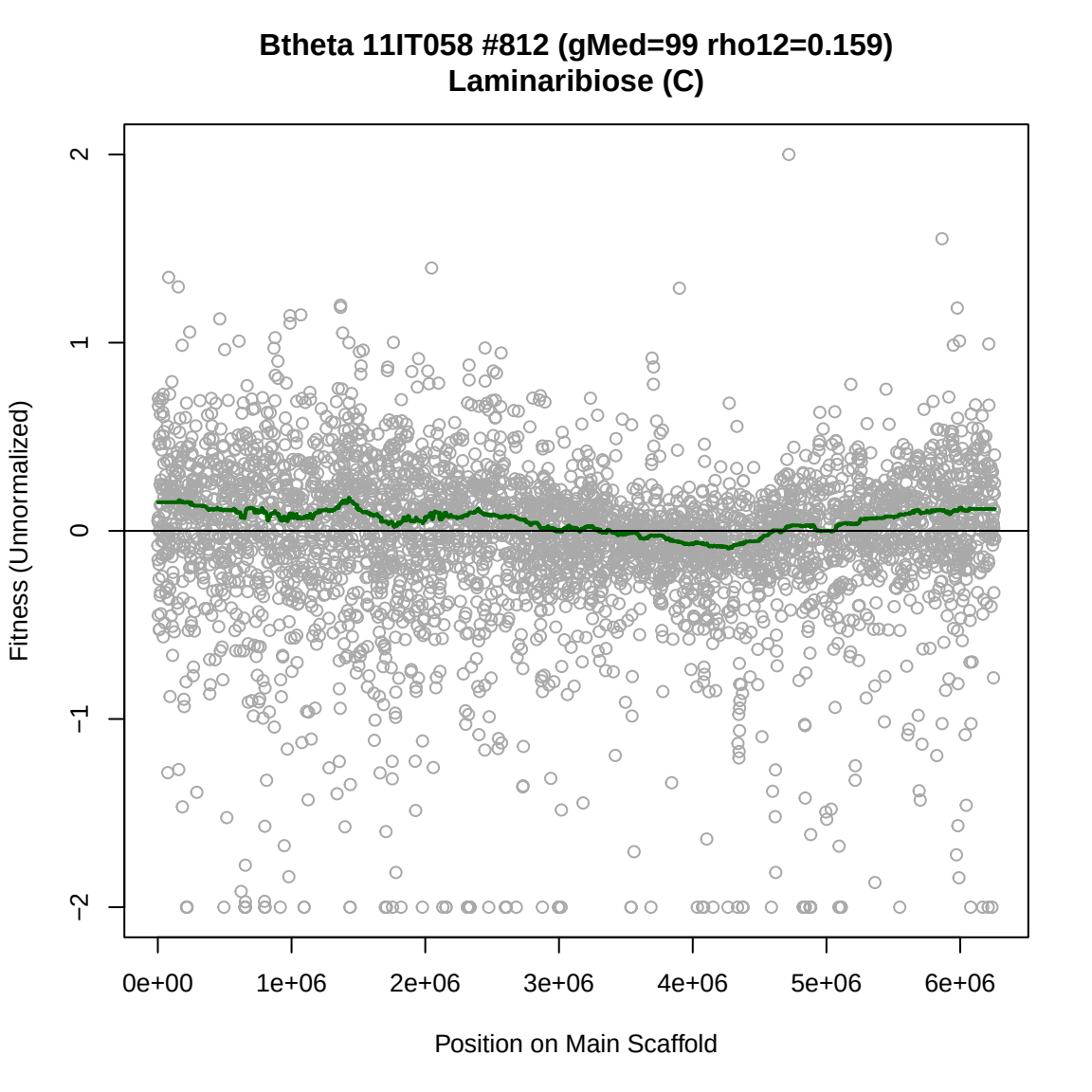

Btheta 11IT053 #807 (gMed=109 rho12=0.107)
Isomaltose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

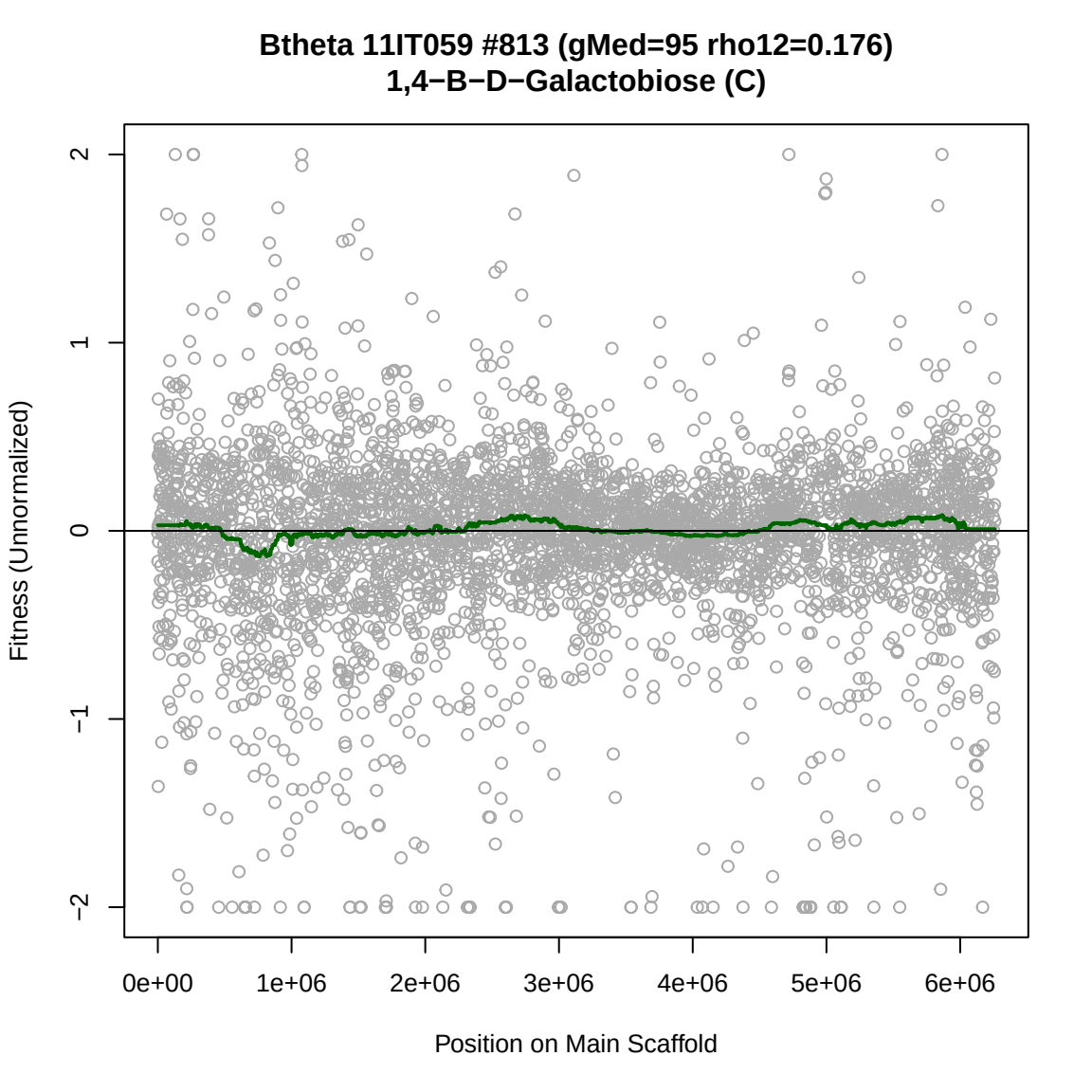

Btheta 11IT054 #808 (gMed=124 rho12=0.133)
6−O−Acetyl−D−glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

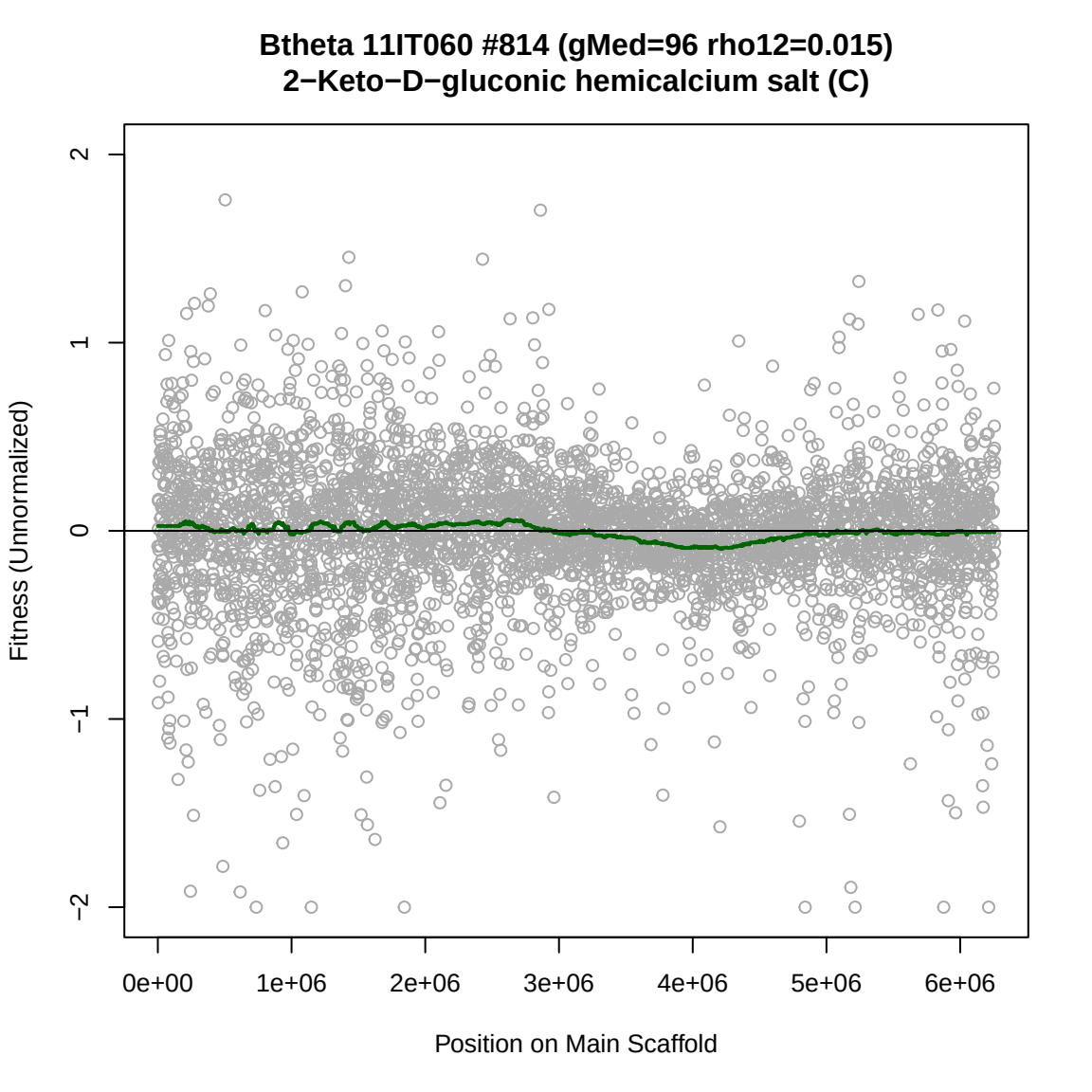

Btheta 11IT055 #809 (gMed=113 rho12=0.130)
Maltotetraose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

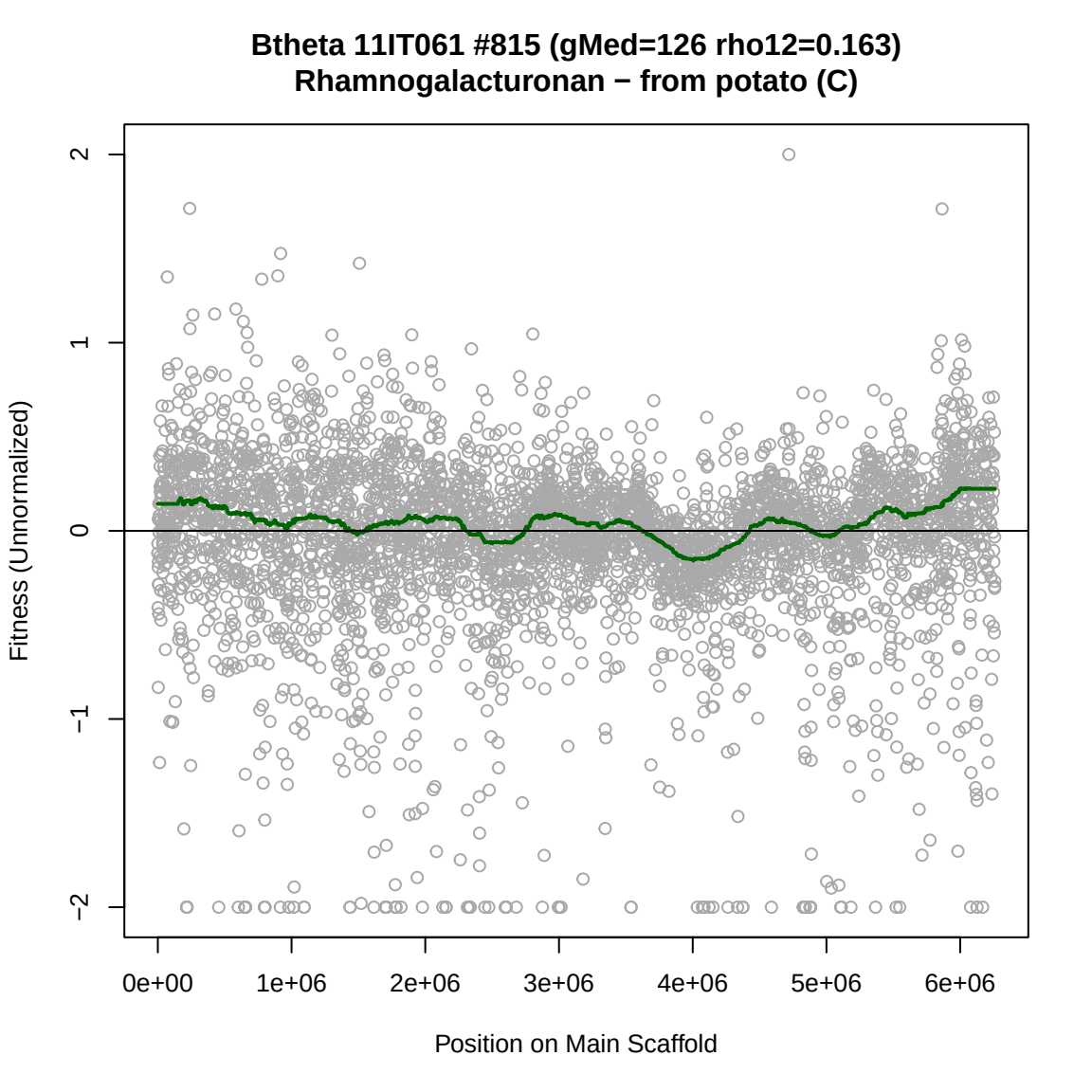

Btheta 11IT056 #810 (gMed=115 rho12=0.144)
Maltohexaose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

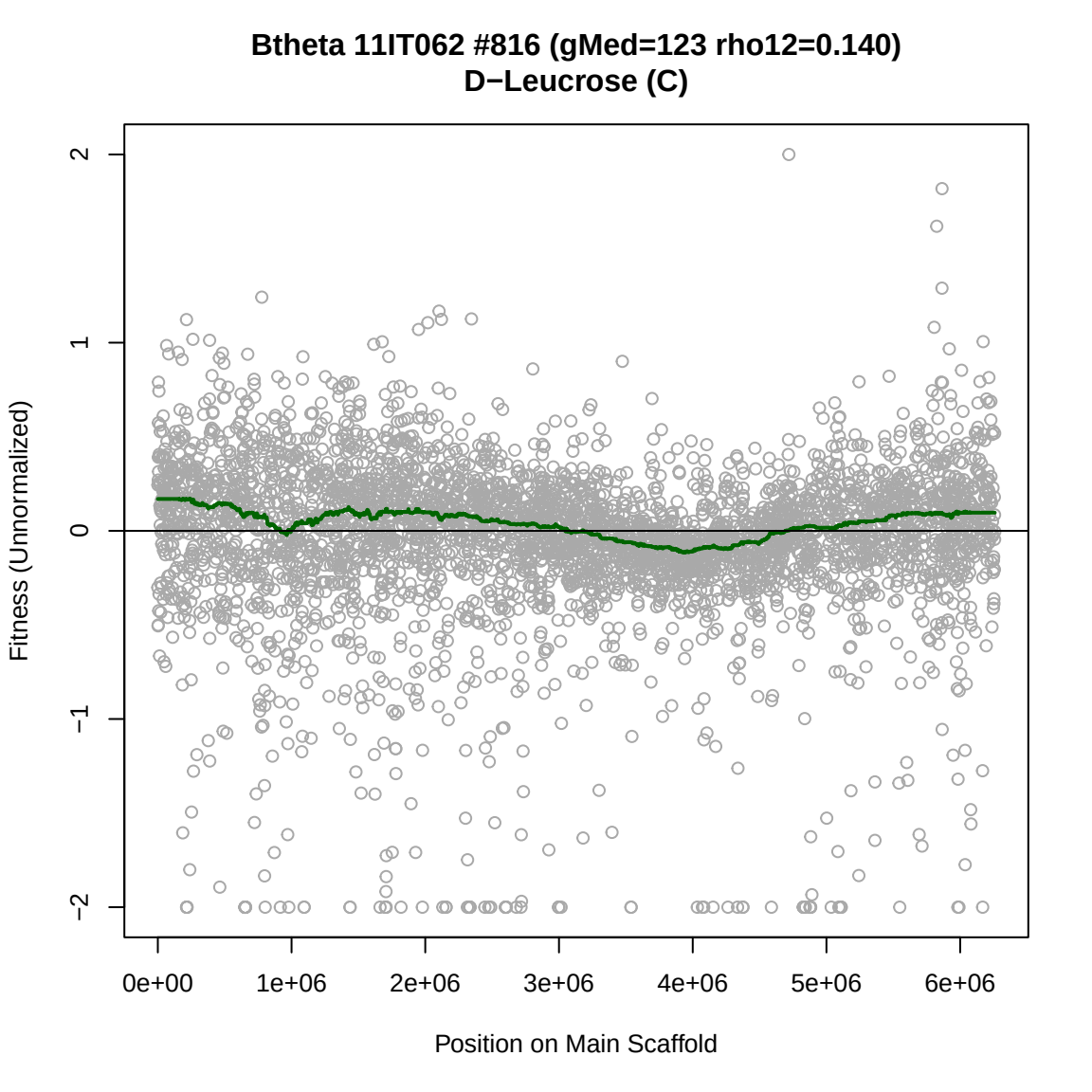

Btheta 11IT057 #811 (gMed=7 rho12=0.024)
Arabinobiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

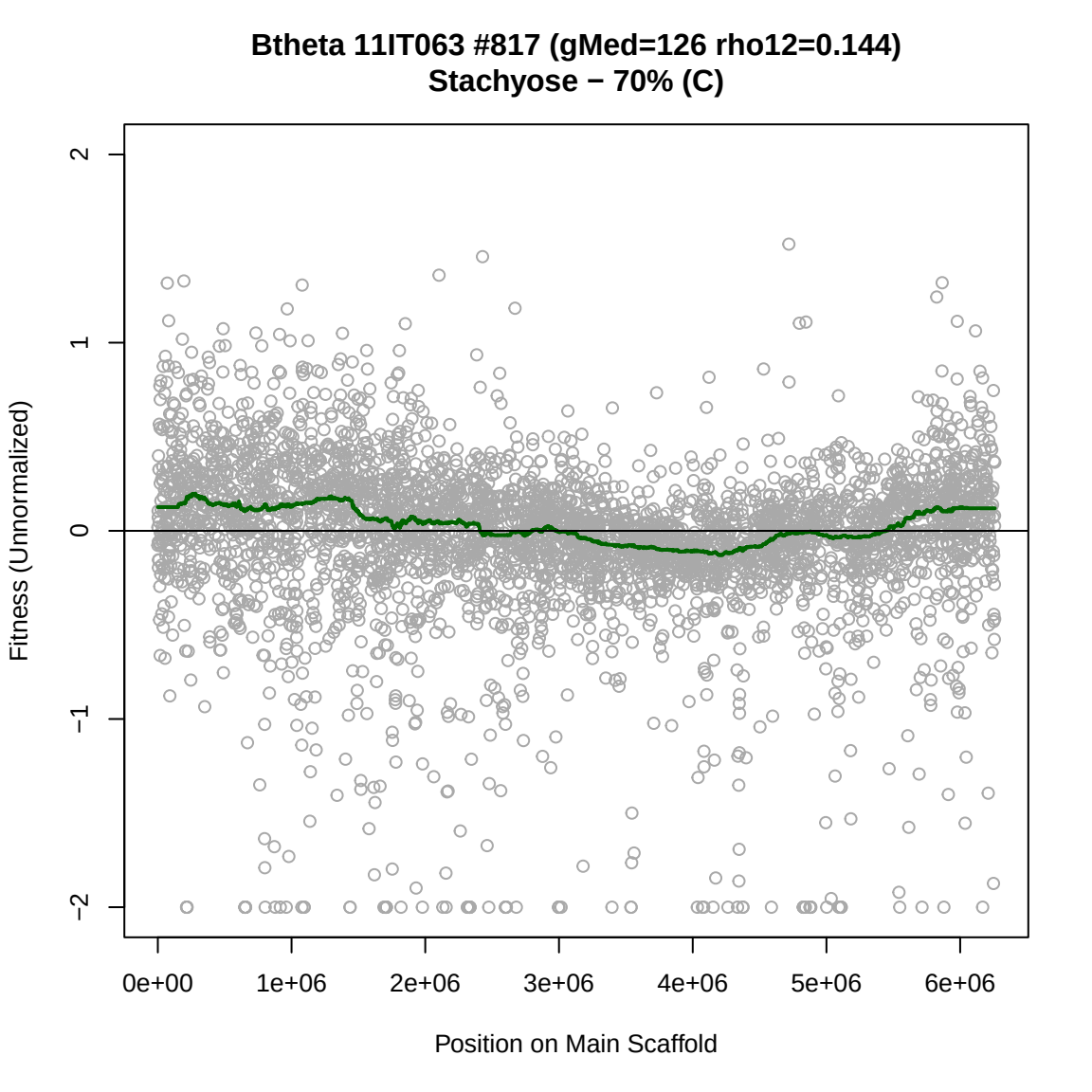

Btheta 11IT058 #812 (gMed=99 rho12=0.159)
Laminaribiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

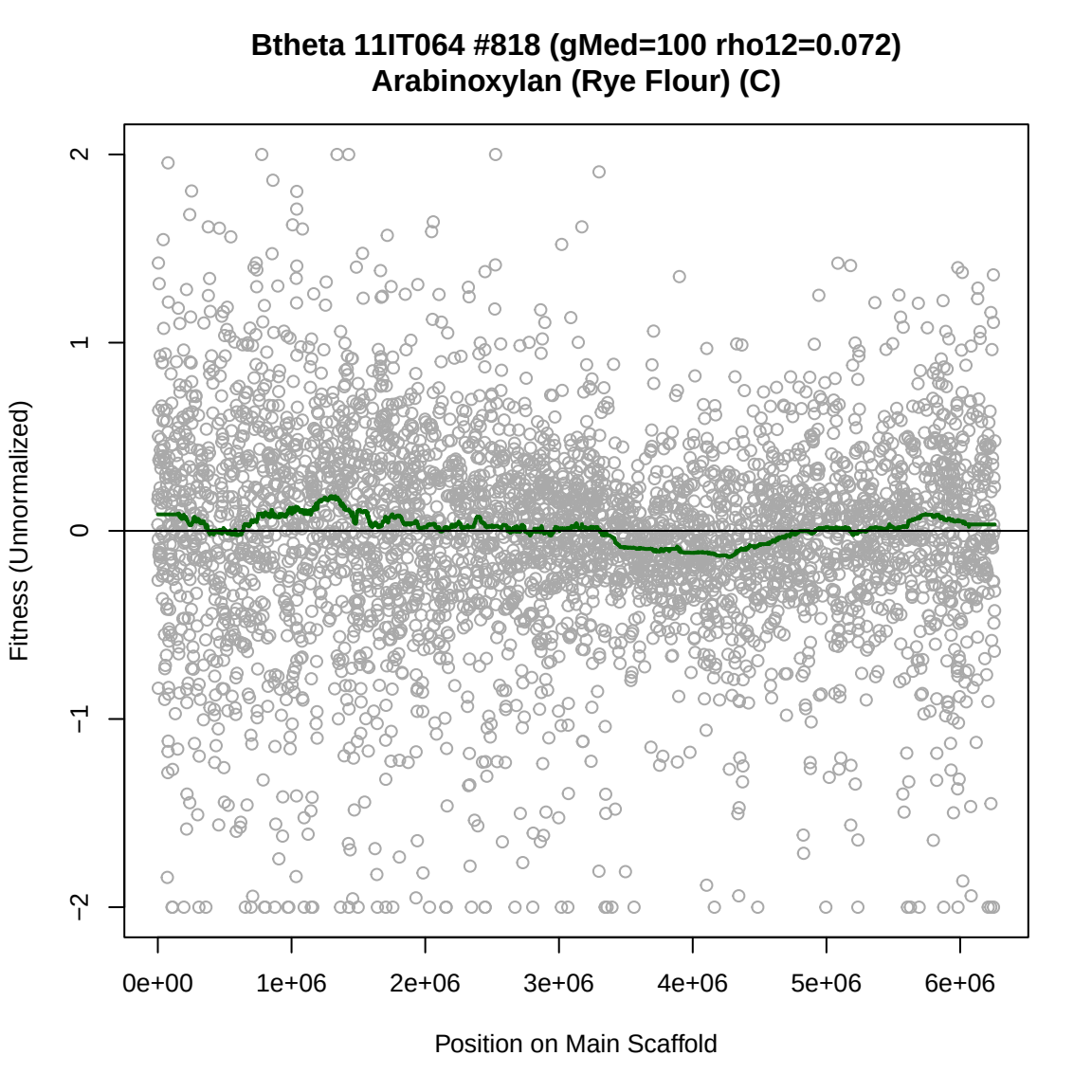

Btheta 11IT059 #813 (gMed=95 rho12=0.176)
1,4−B−D−Galactobiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

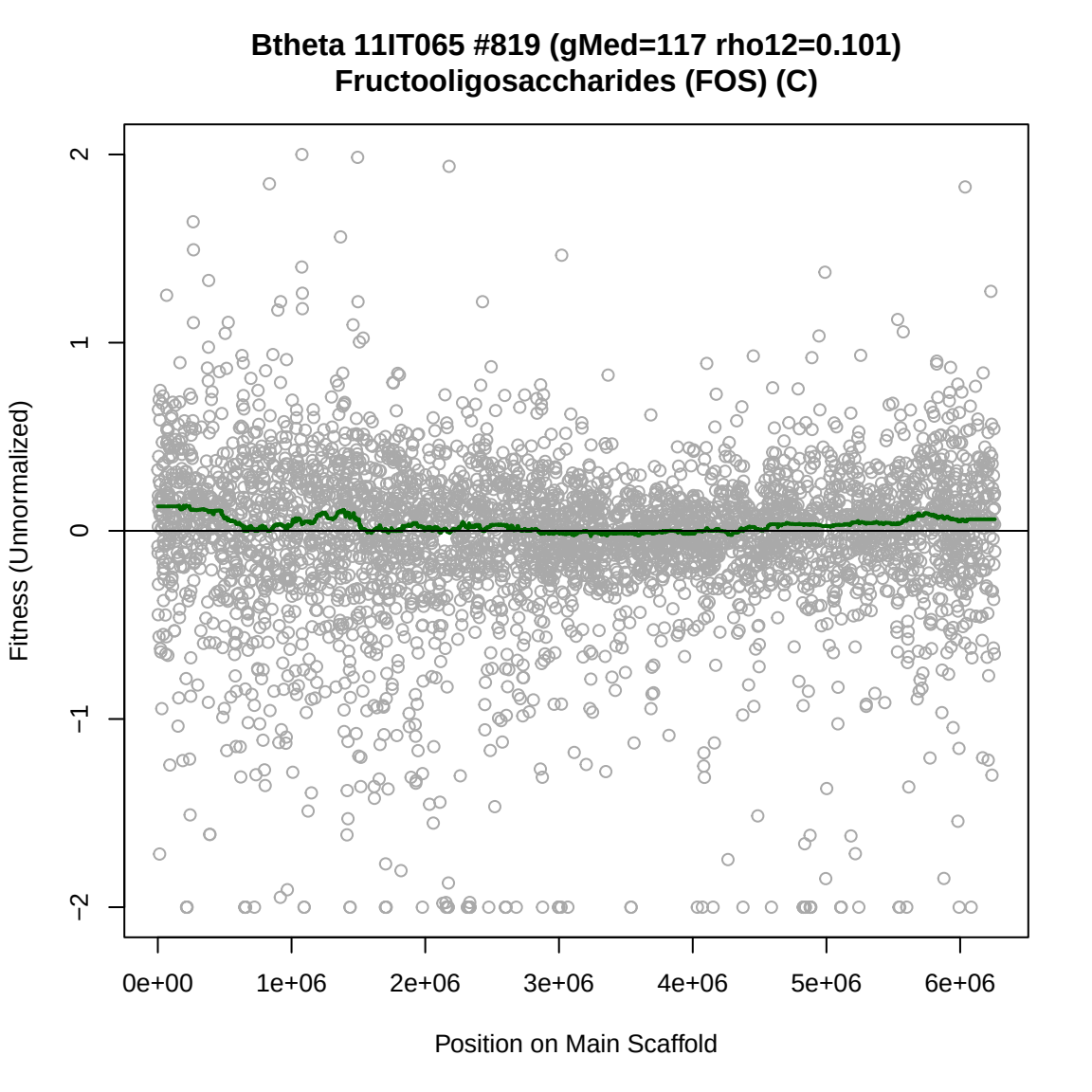

Btheta 11IT060 #814 (gMed=96 rho12=0.015)
2−Keto−D−gluconic hemicalcium salt (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

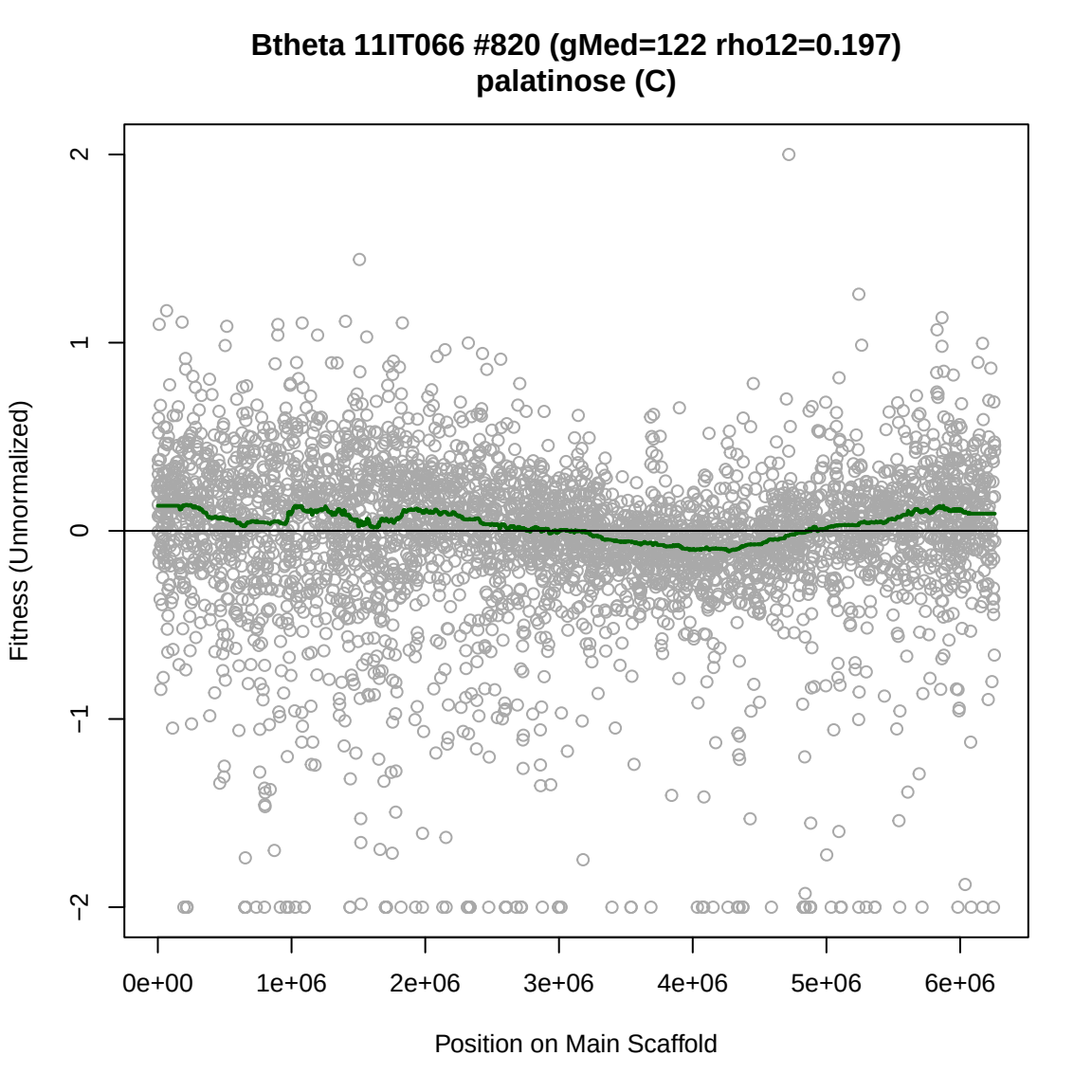

Btheta 11IT061 #815 (gMed=126 rho12=0.163)
Rhamnogalacturonan − from potato (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

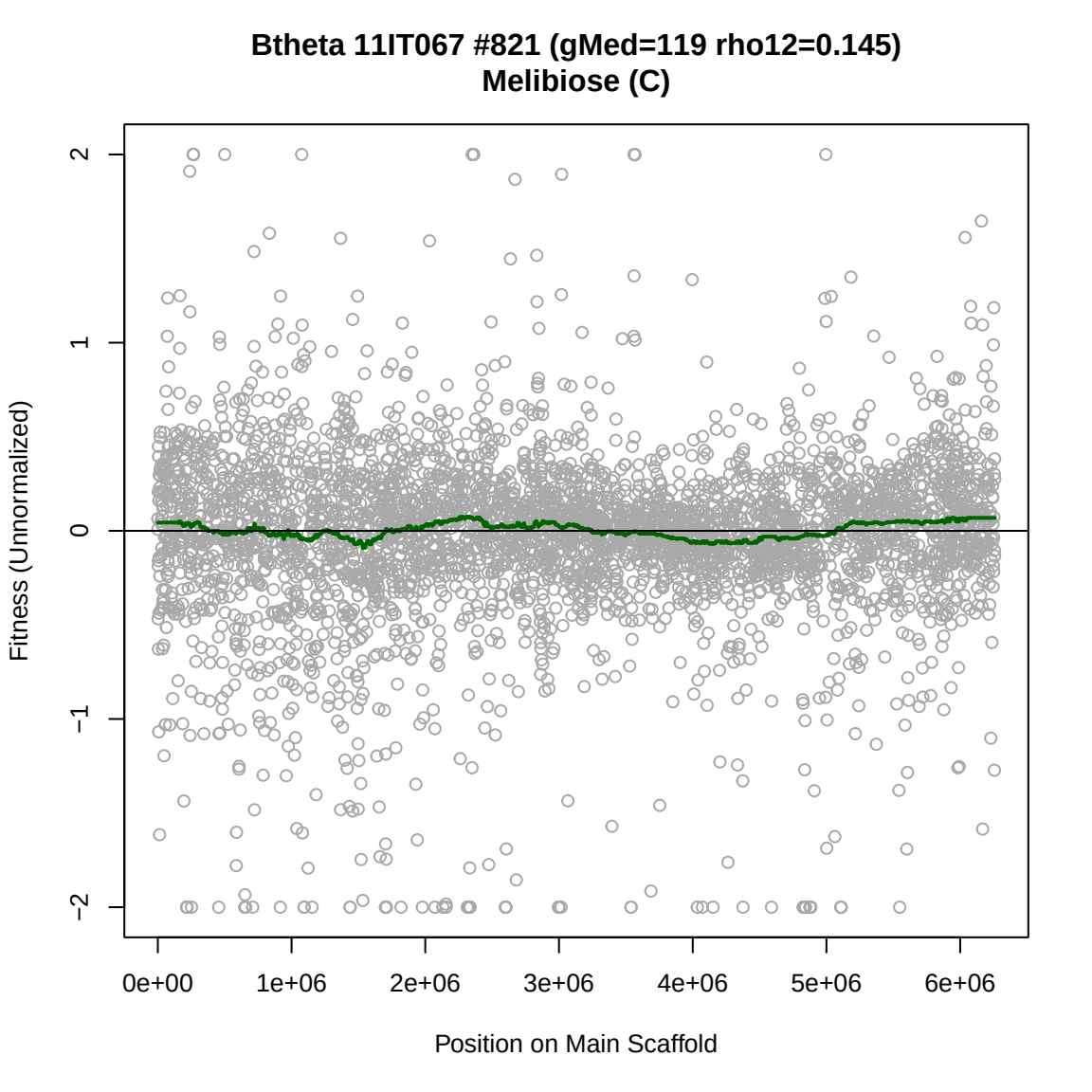

Btheta 11IT062 #816 (gMed=123 rho12=0.140)
D−Leucrose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

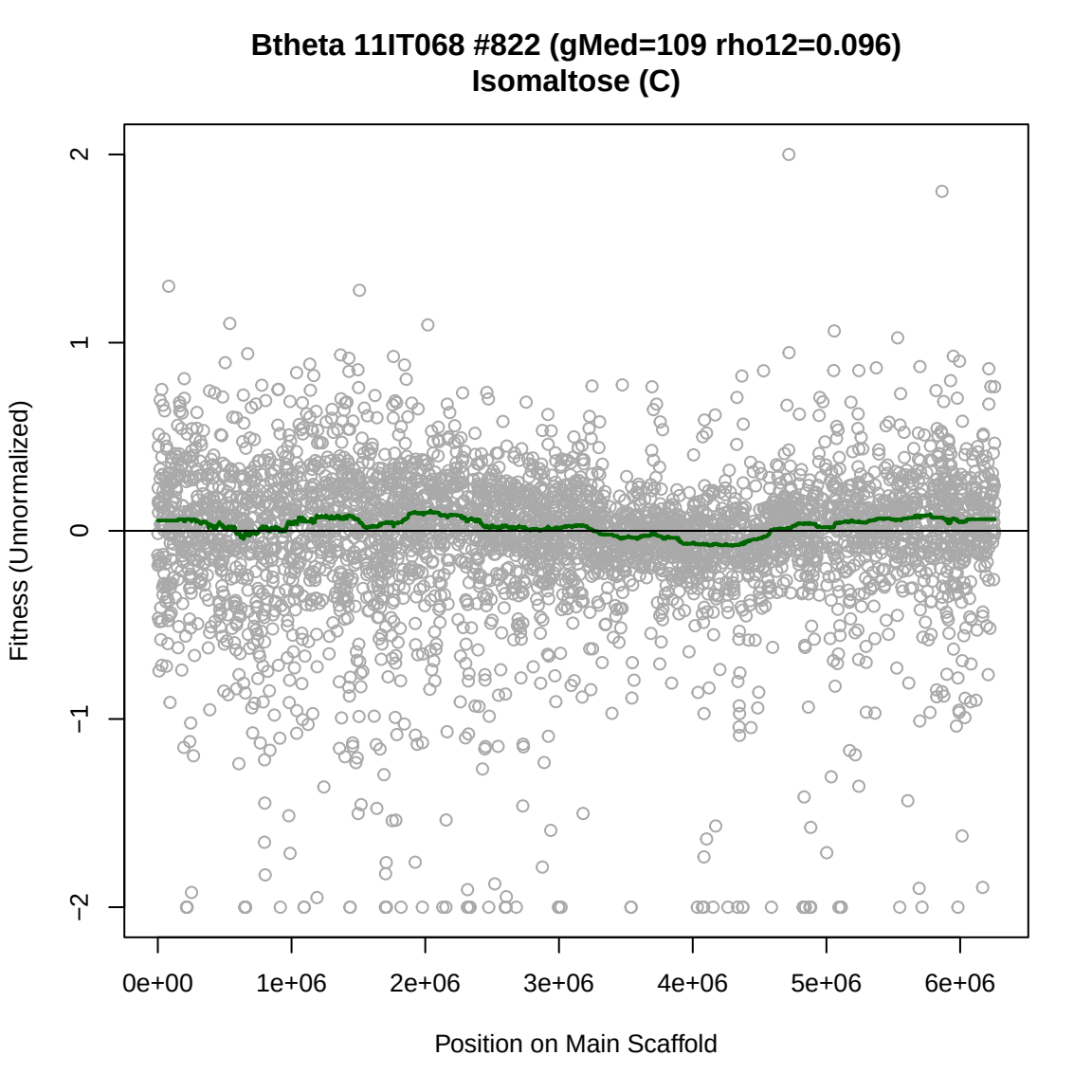

Btheta 11IT063 #817 (gMed=126 rho12=0.144)
Stachyose − 70% (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

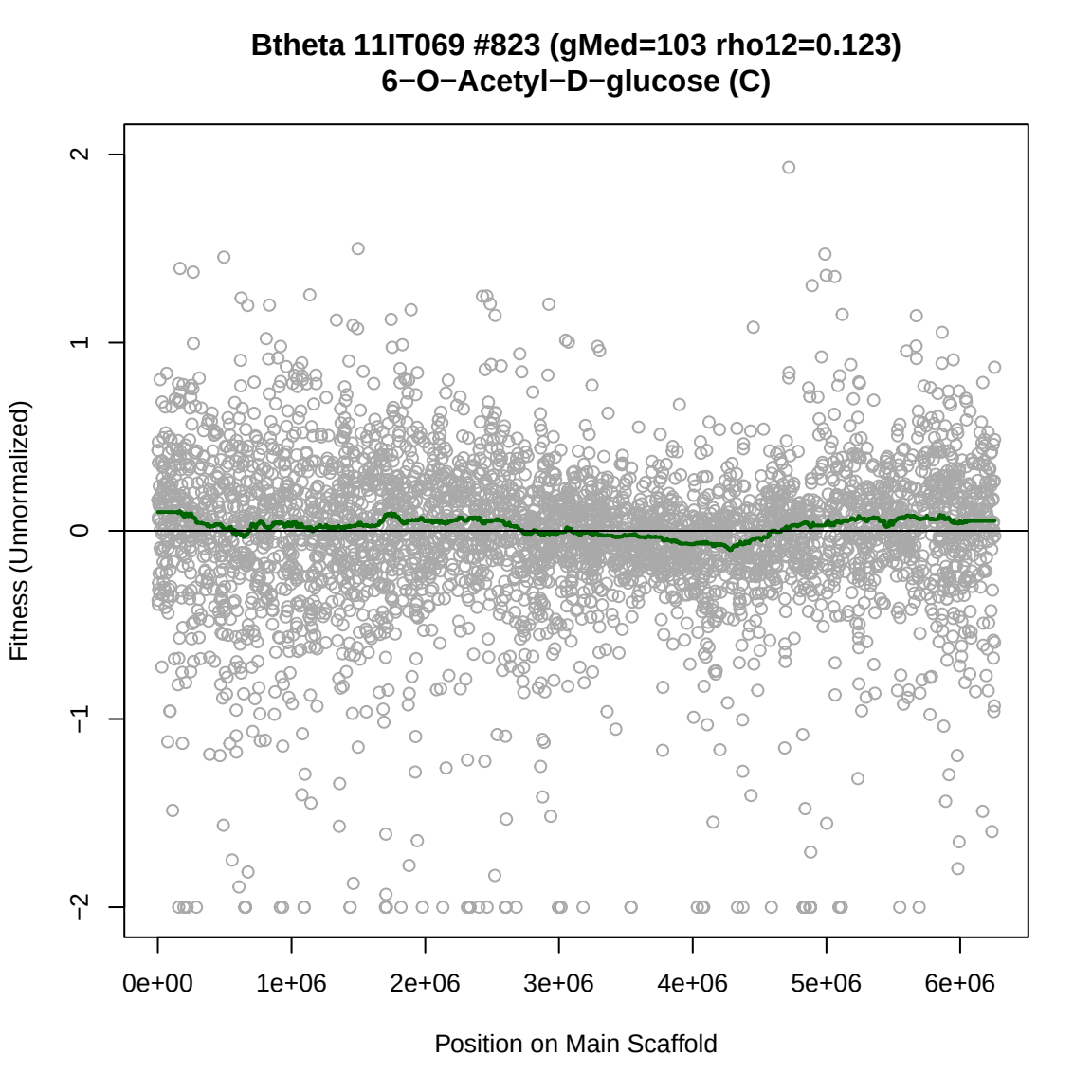

Btheta 11IT064 #818 (gMed=100 rho12=0.072)
Arabinoxylan (Rye Flour) (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

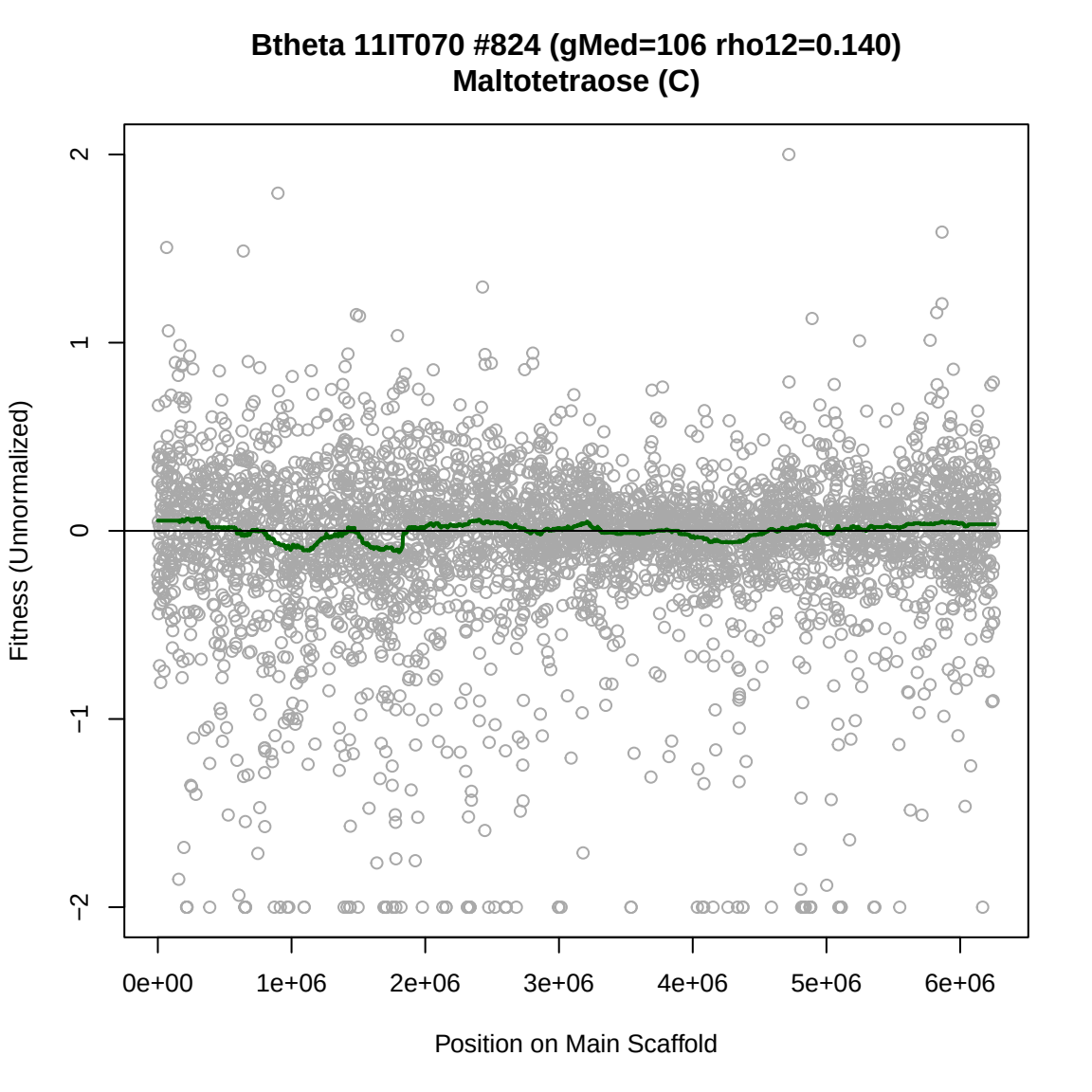

Btheta 11IT065 #819 (gMed=117 rho12=0.101)
Fructooligosaccharides (FOS) (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

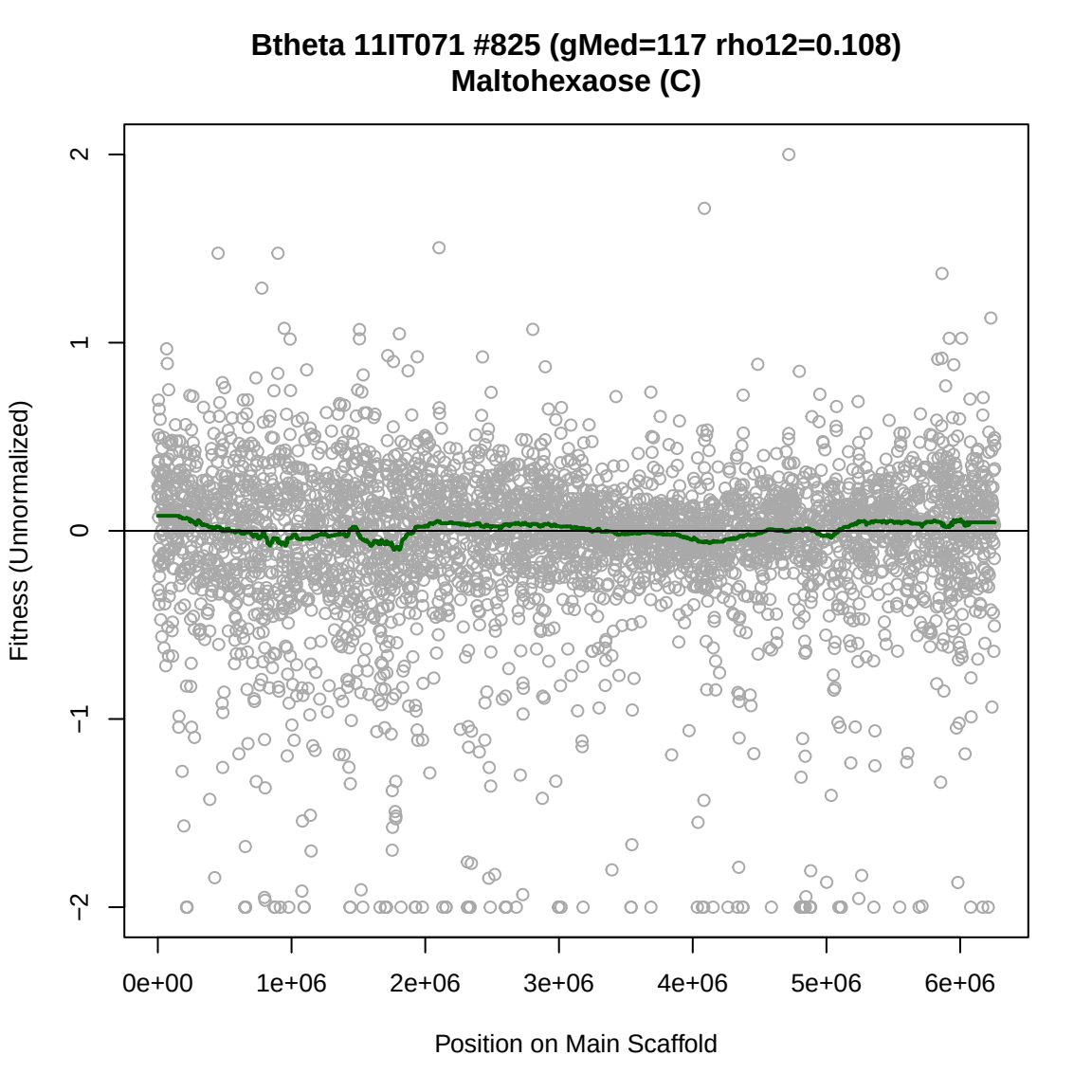

Btheta 11IT066 #820 (gMed=122 rho12=0.197)
palatinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

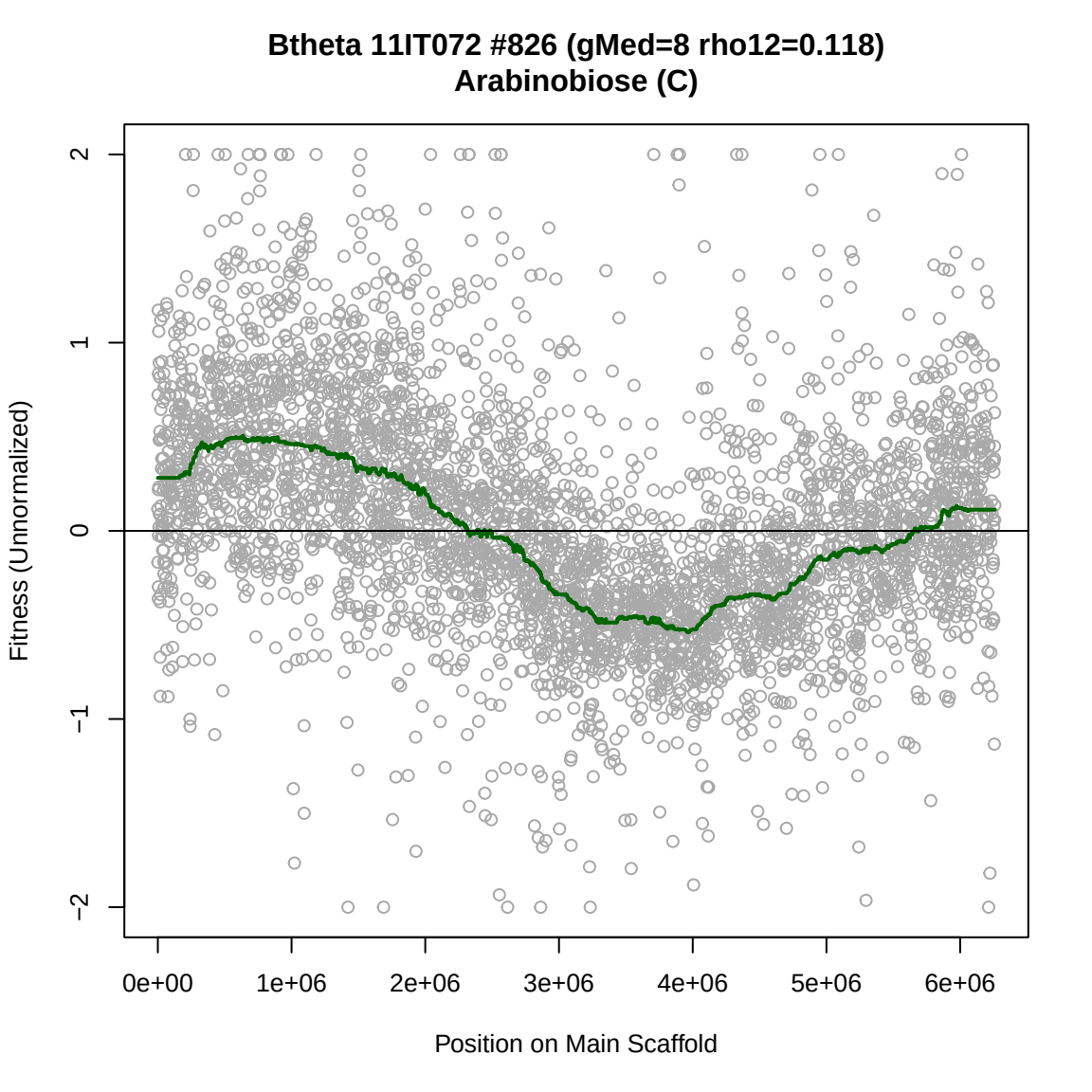

Btheta 11IT067 #821 (gMed=119 rho12=0.145)
Melibiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

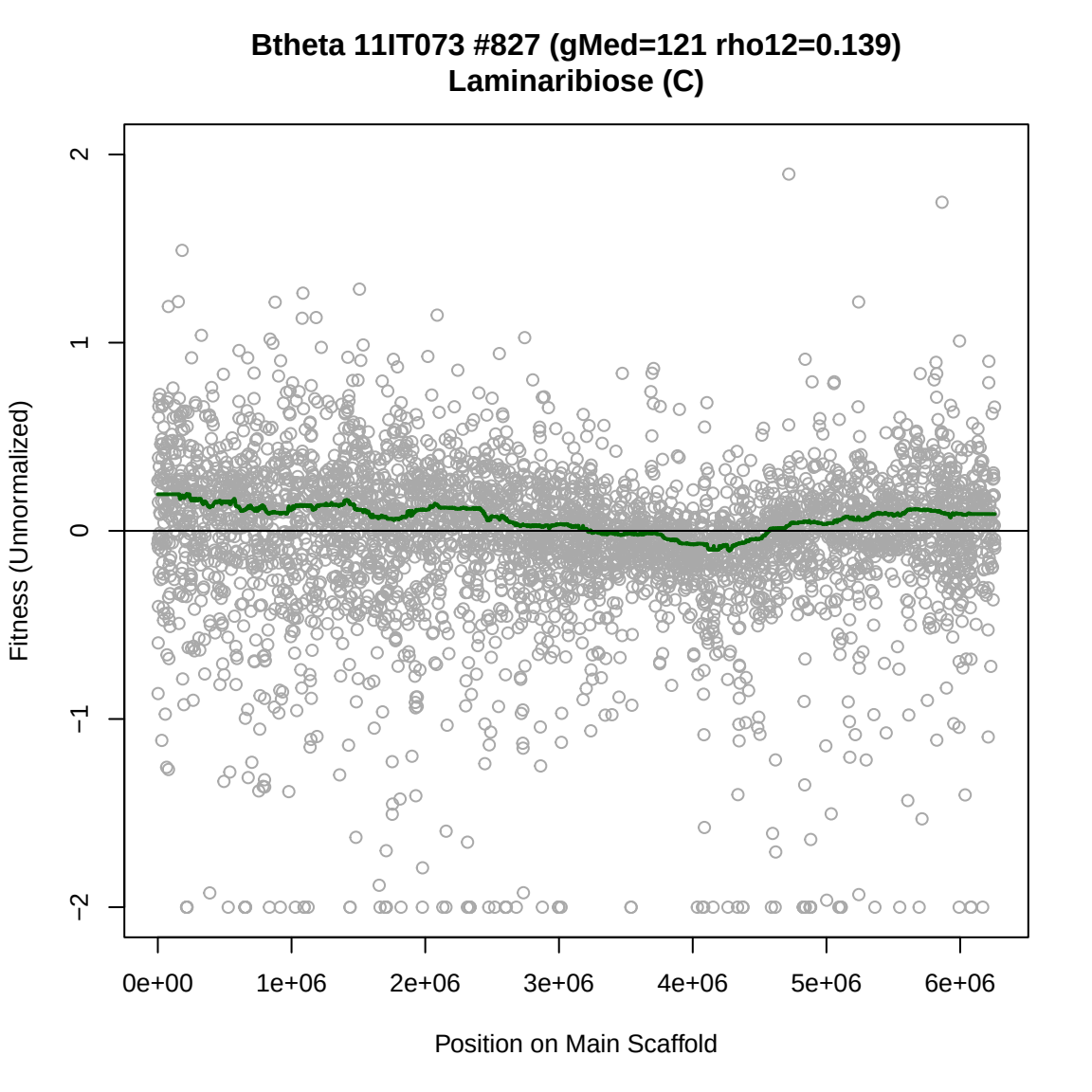

Btheta 11IT068 #822 (gMed=109 rho12=0.096)
Isomaltose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

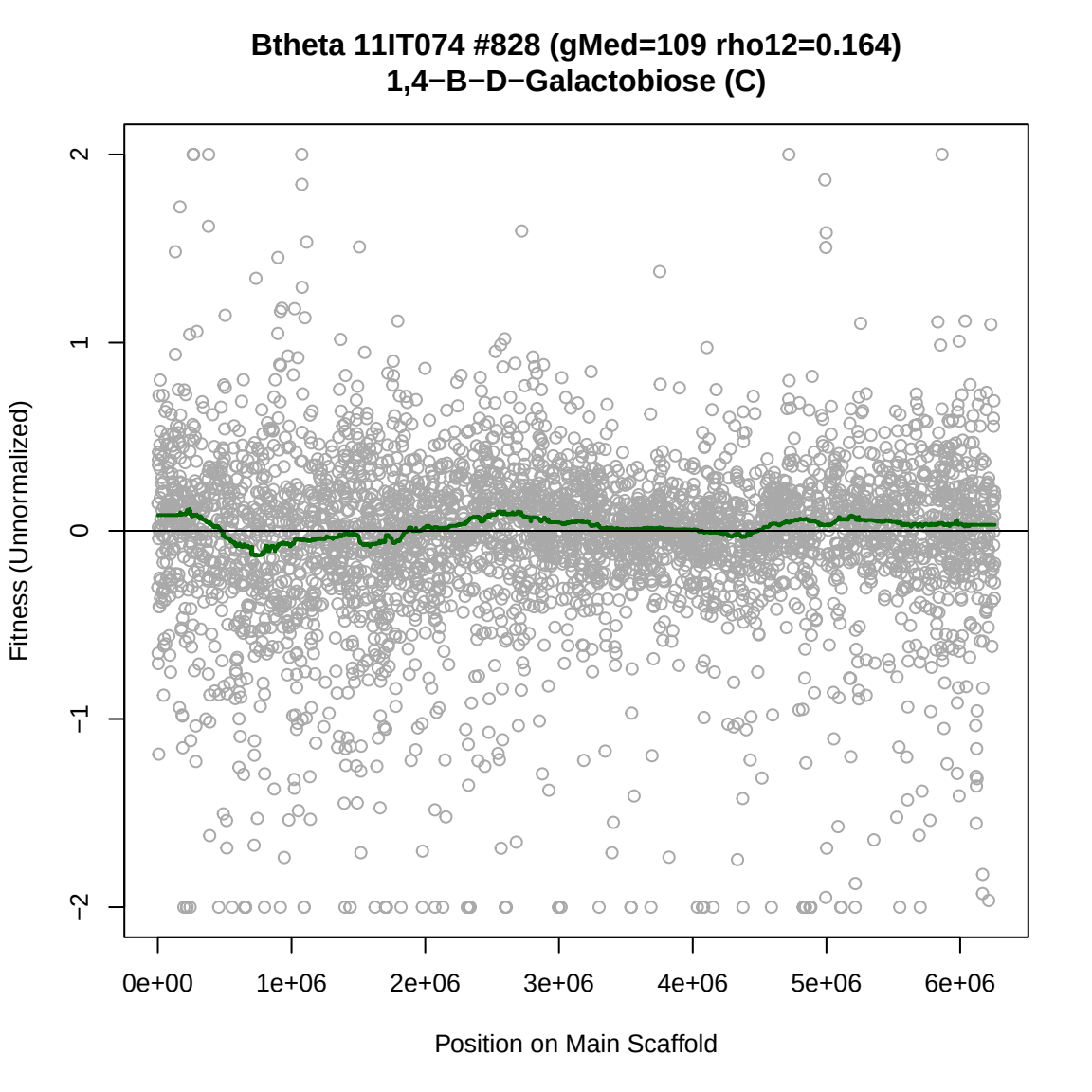

Btheta 11IT069 #823 (gMed=103 rho12=0.123)
6−O−Acetyl−D−glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

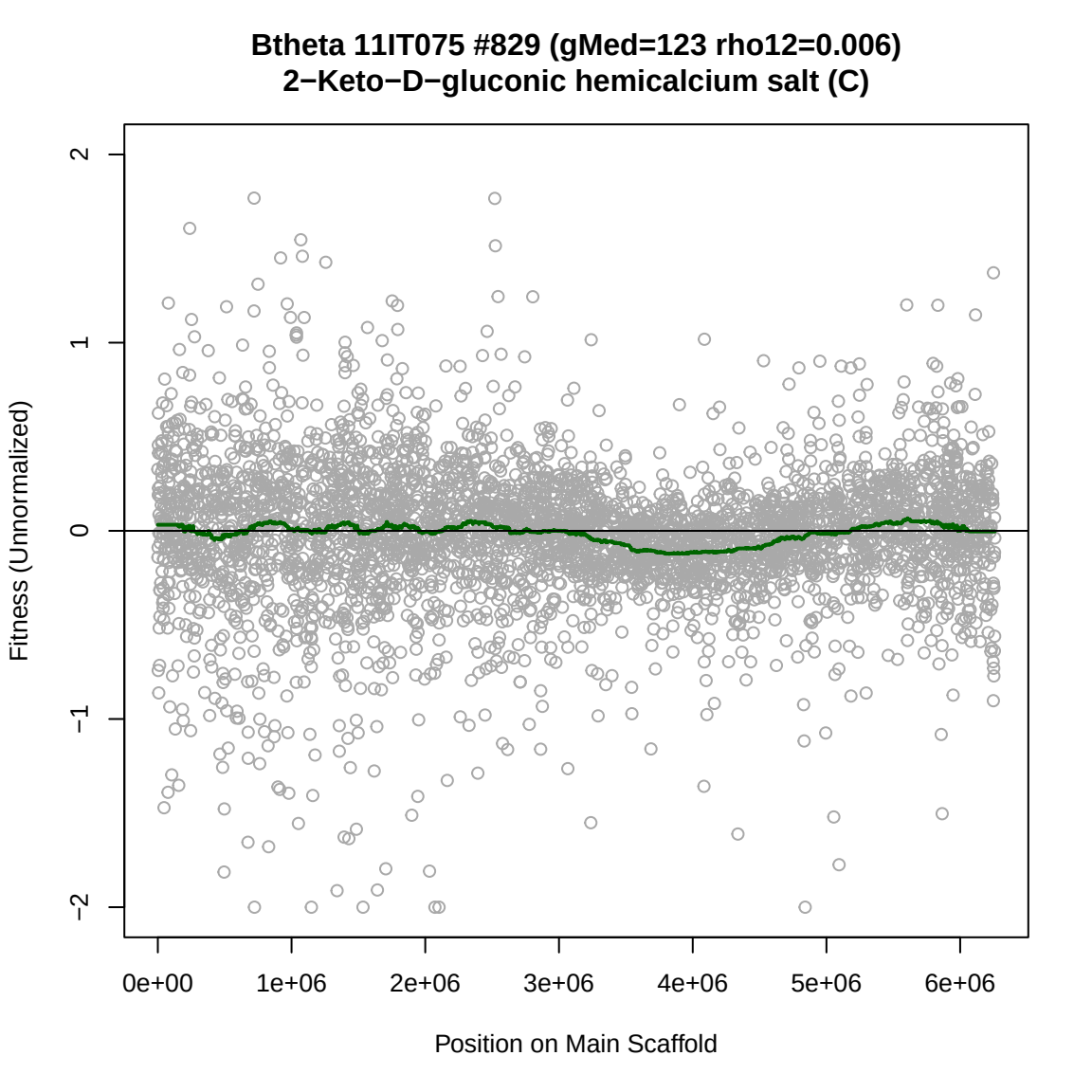

Btheta 11IT070 #824 (gMed=106 rho12=0.140)
Maltotetraose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

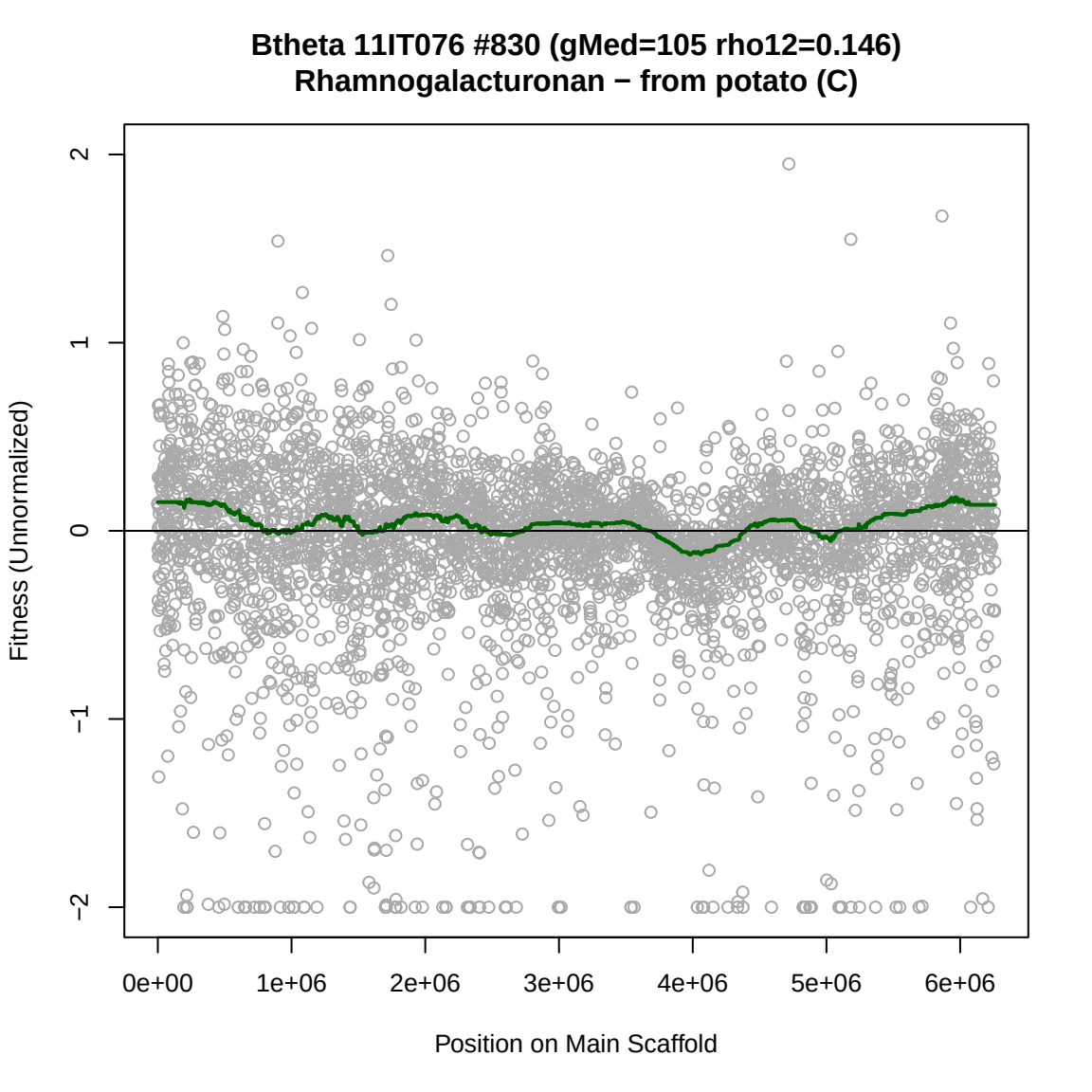

Btheta 11IT071 #825 (gMed=117 rho12=0.108)
Maltohexaose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

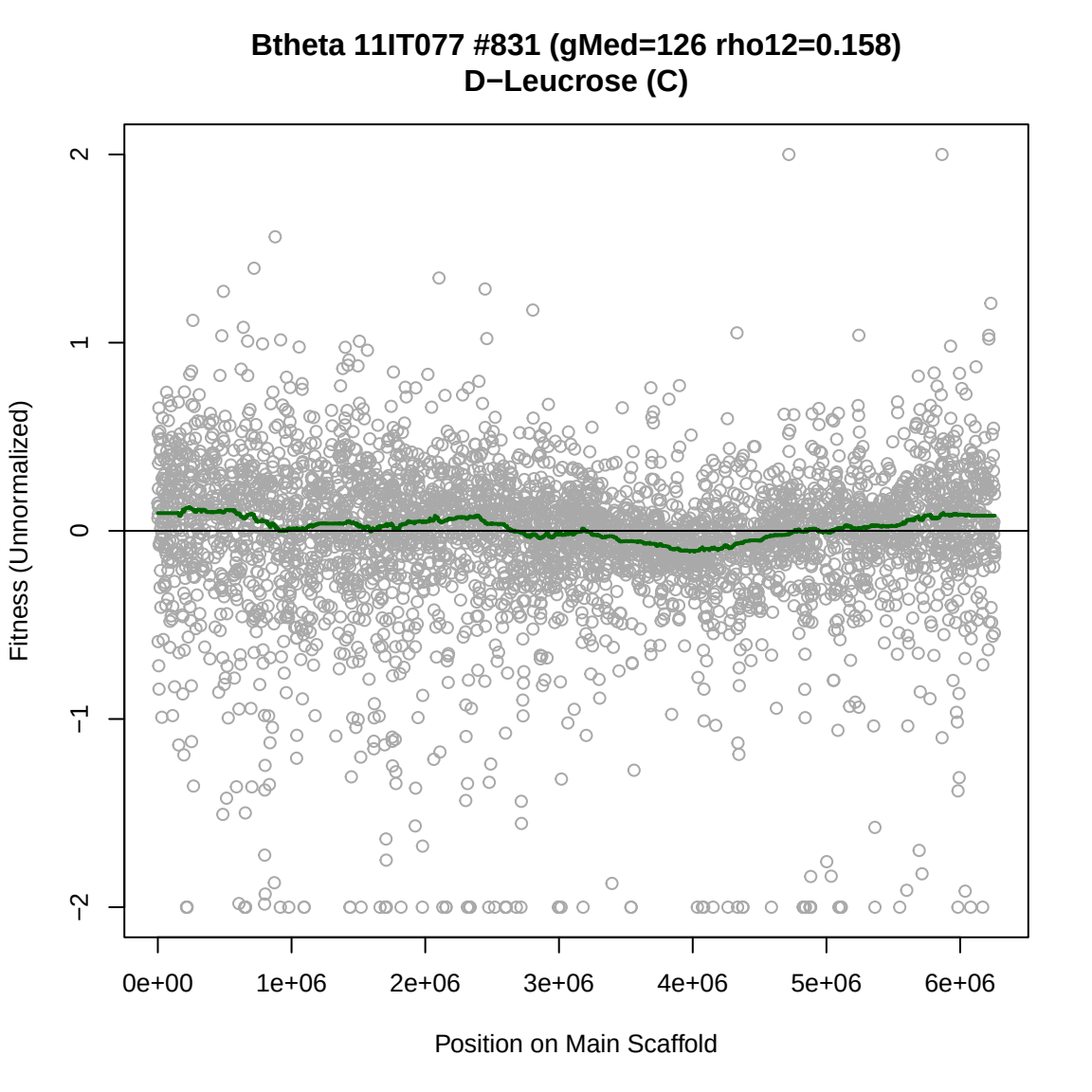

Btheta 11IT072 #826 (gMed=8 rho12=0.118)
Arabinobiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

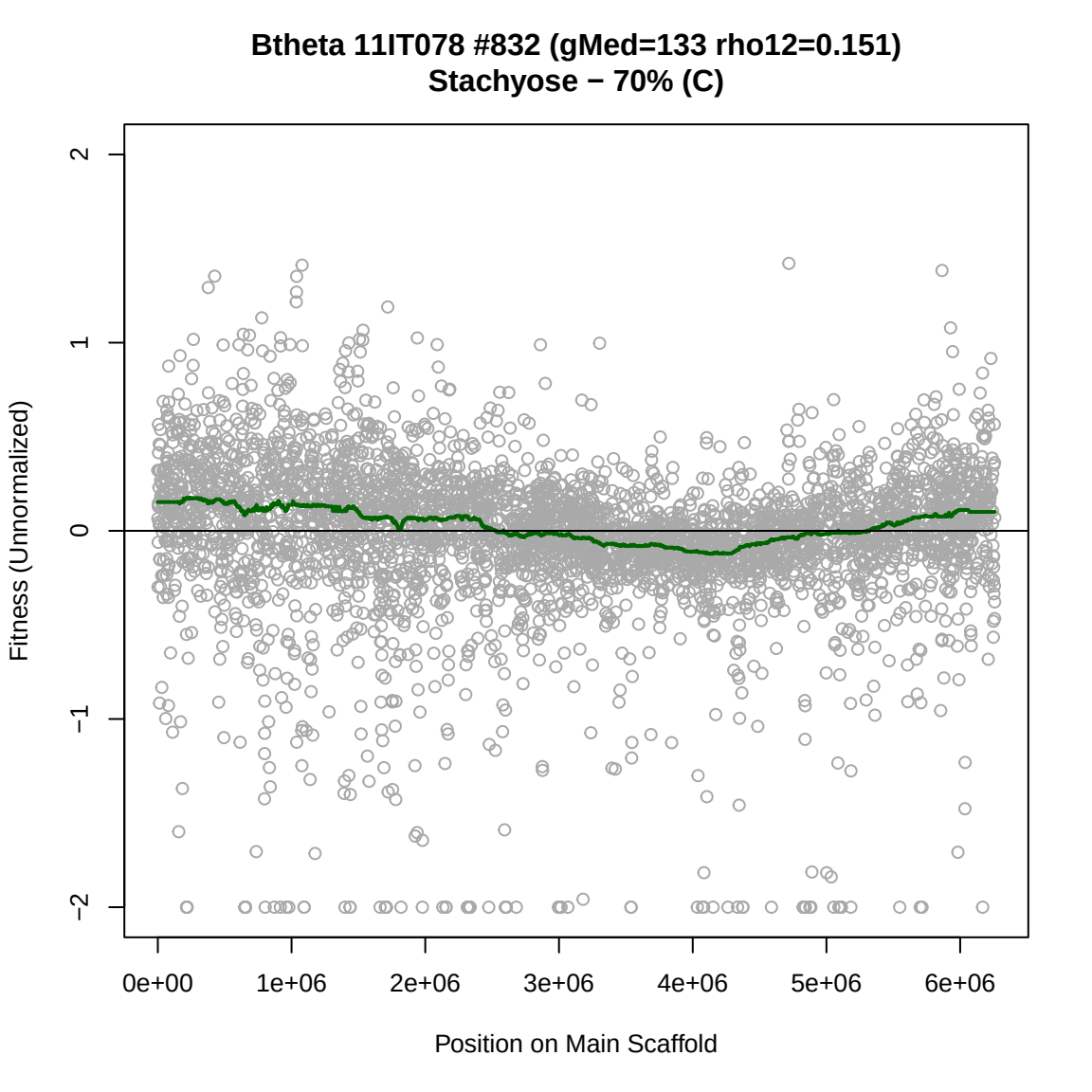

Btheta 11IT073 #827 (gMed=121 rho12=0.139)
Laminaribiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

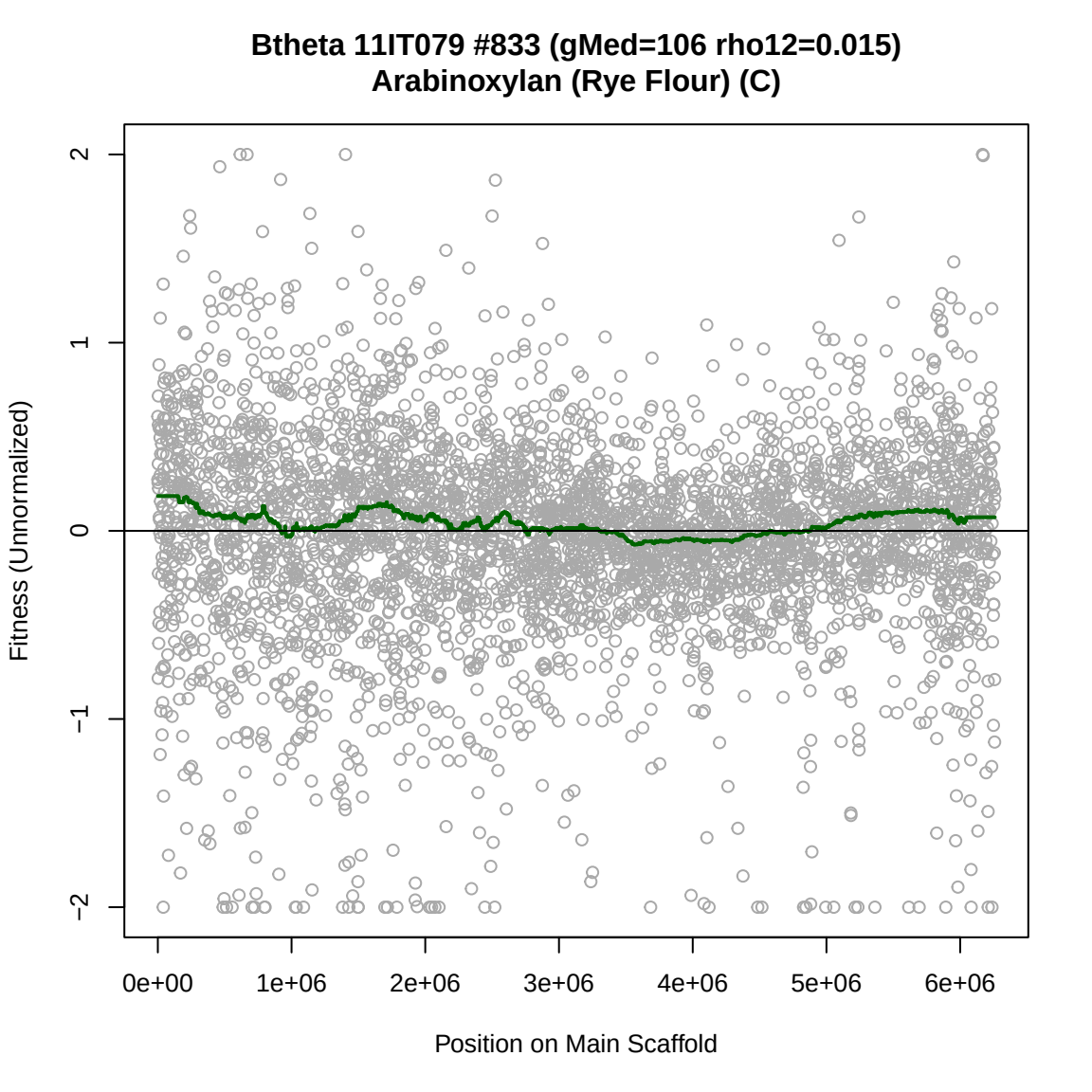

Btheta 11IT074 #828 (gMed=109 rho12=0.164)
1,4−B−D−Galactobiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

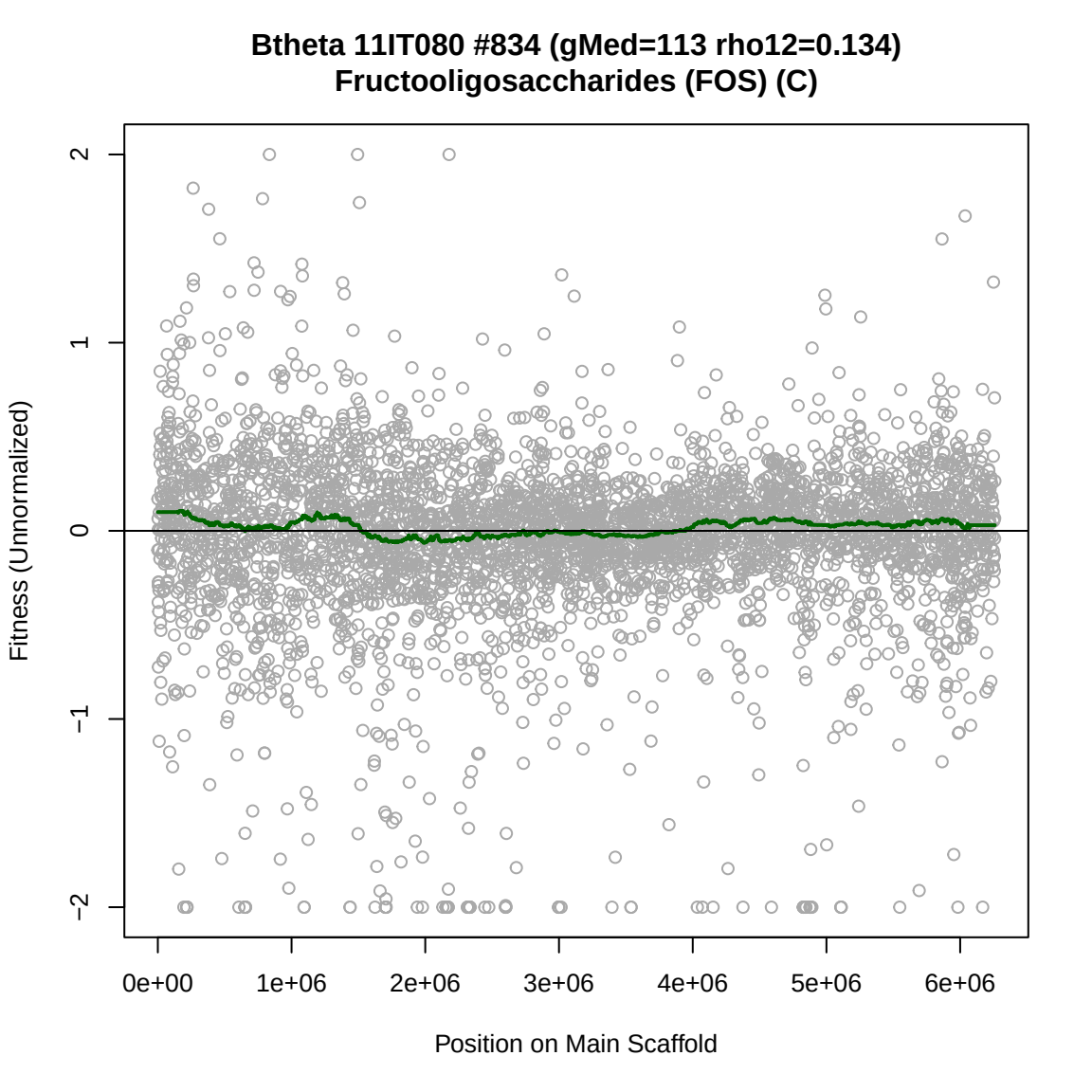

Btheta 11IT075 #829 (gMed=123 rho12=0.006)
2−Keto−D−gluconic hemicalcium salt (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

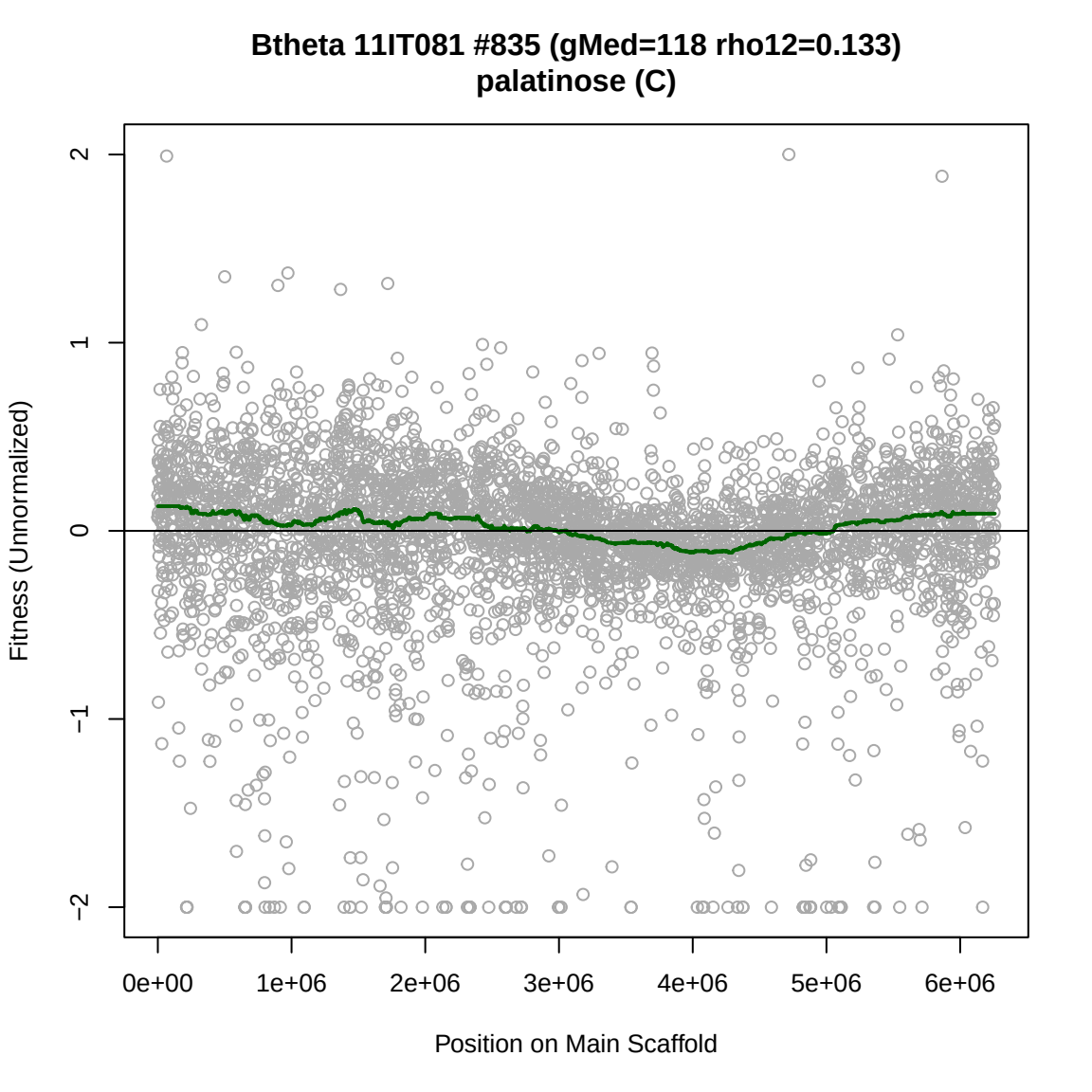

Btheta 11IT076 #830 (gMed=105 rho12=0.146)
Rhamnogalacturonan − from potato (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

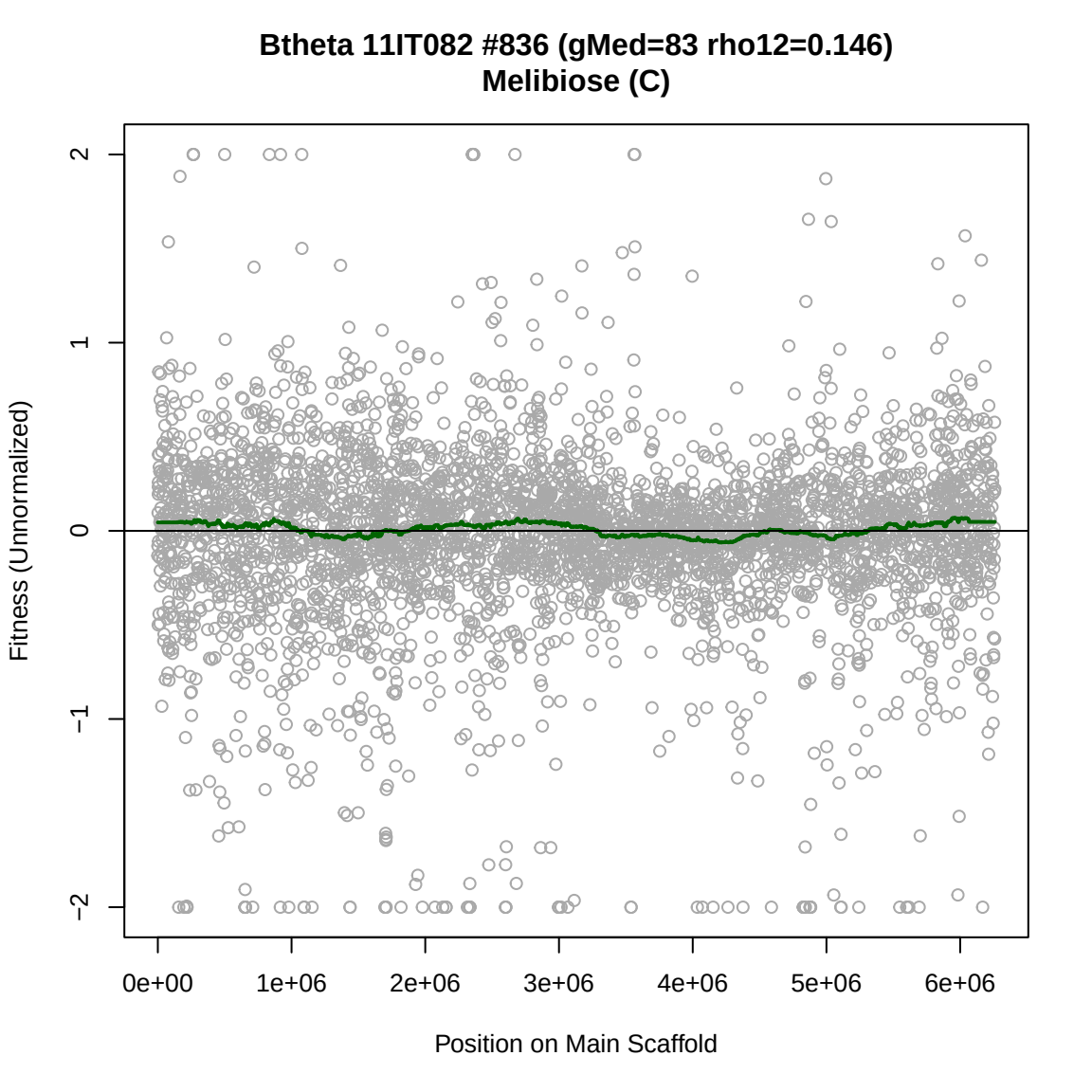

Btheta 11IT077 #831 (gMed=126 rho12=0.158)
D−Leucrose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

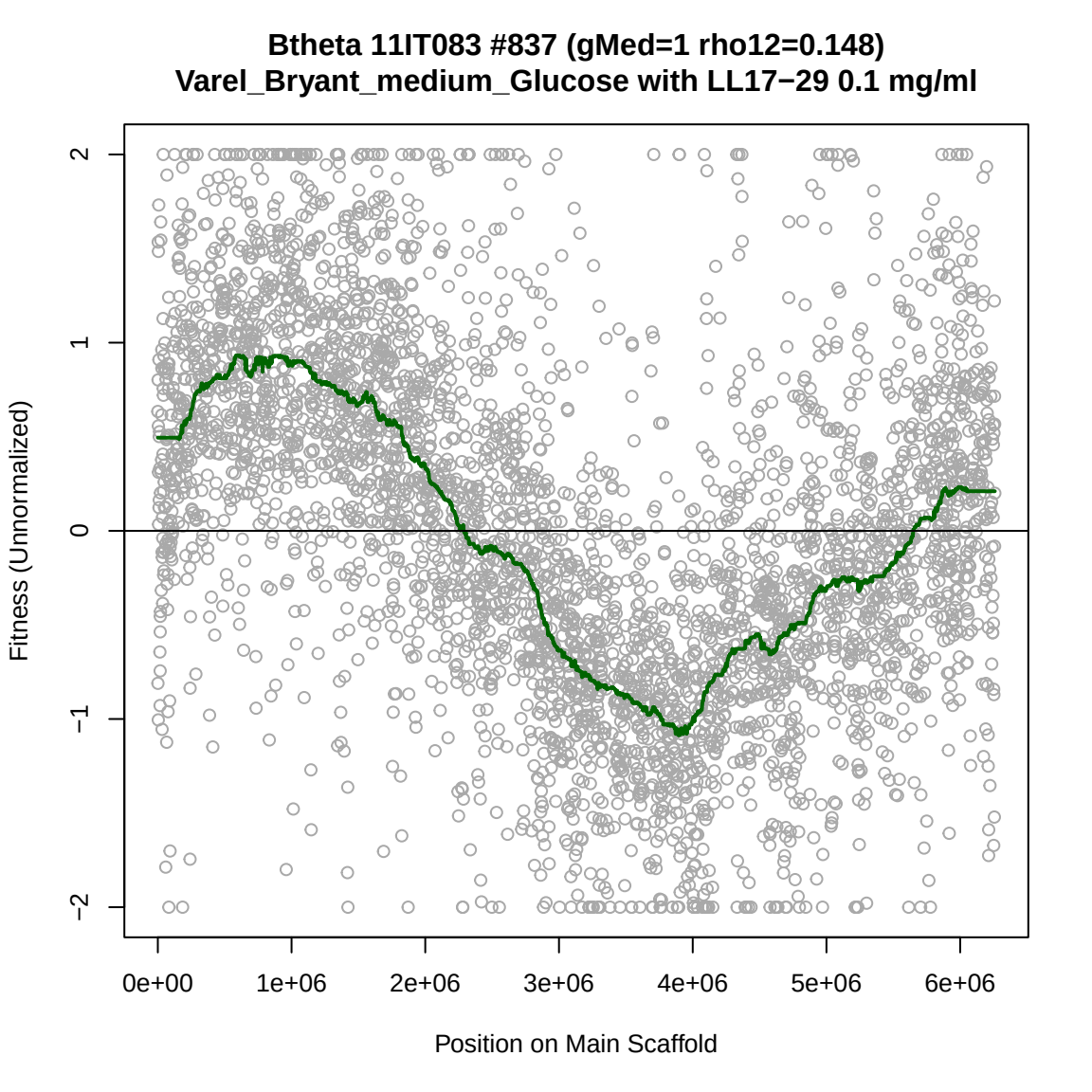

Btheta 11IT078 #832 (gMed=133 rho12=0.151)
Stachyose − 70% (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

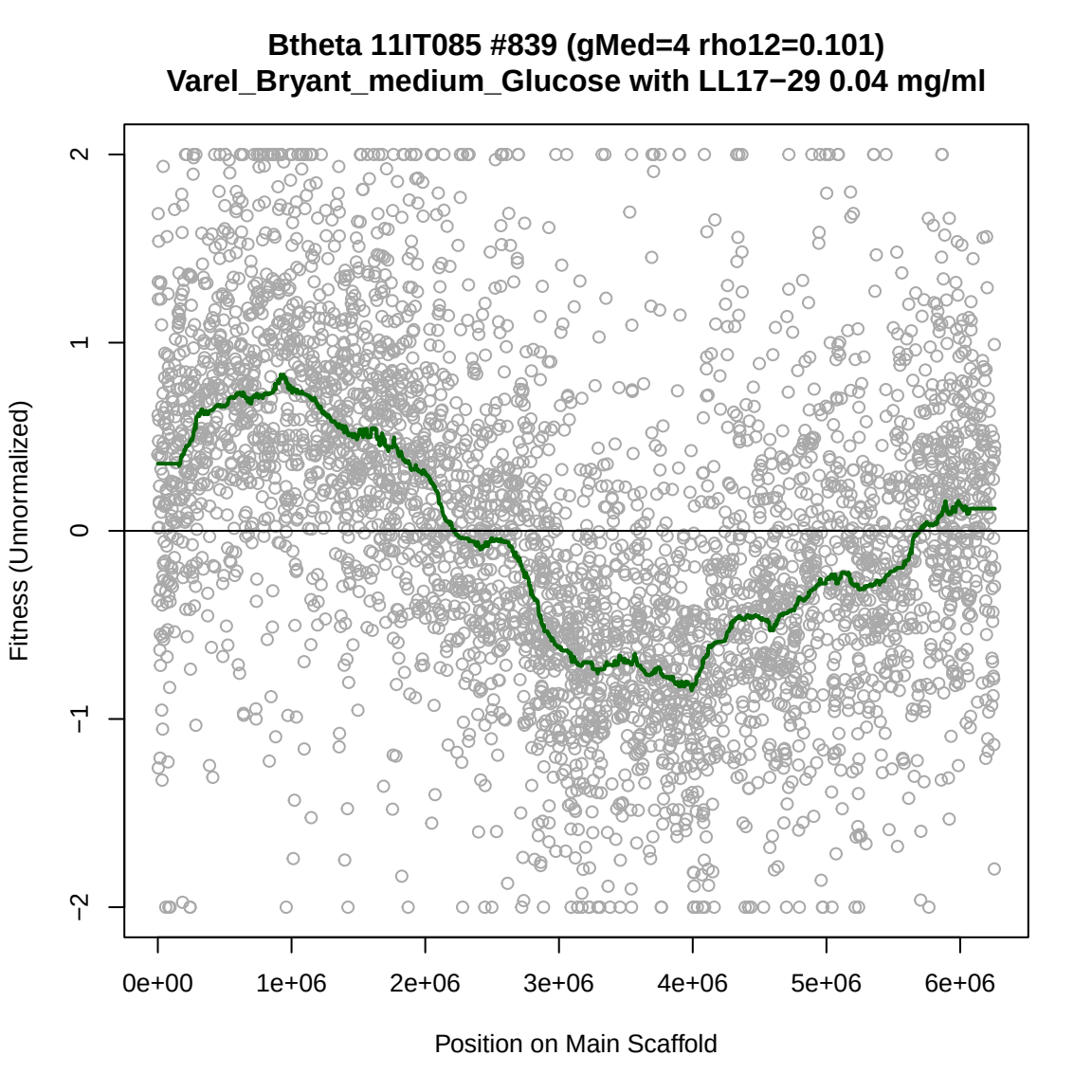

Btheta 11IT079 #833 (gMed=106 rho12=0.015)
Arabinoxylan (Rye Flour) (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

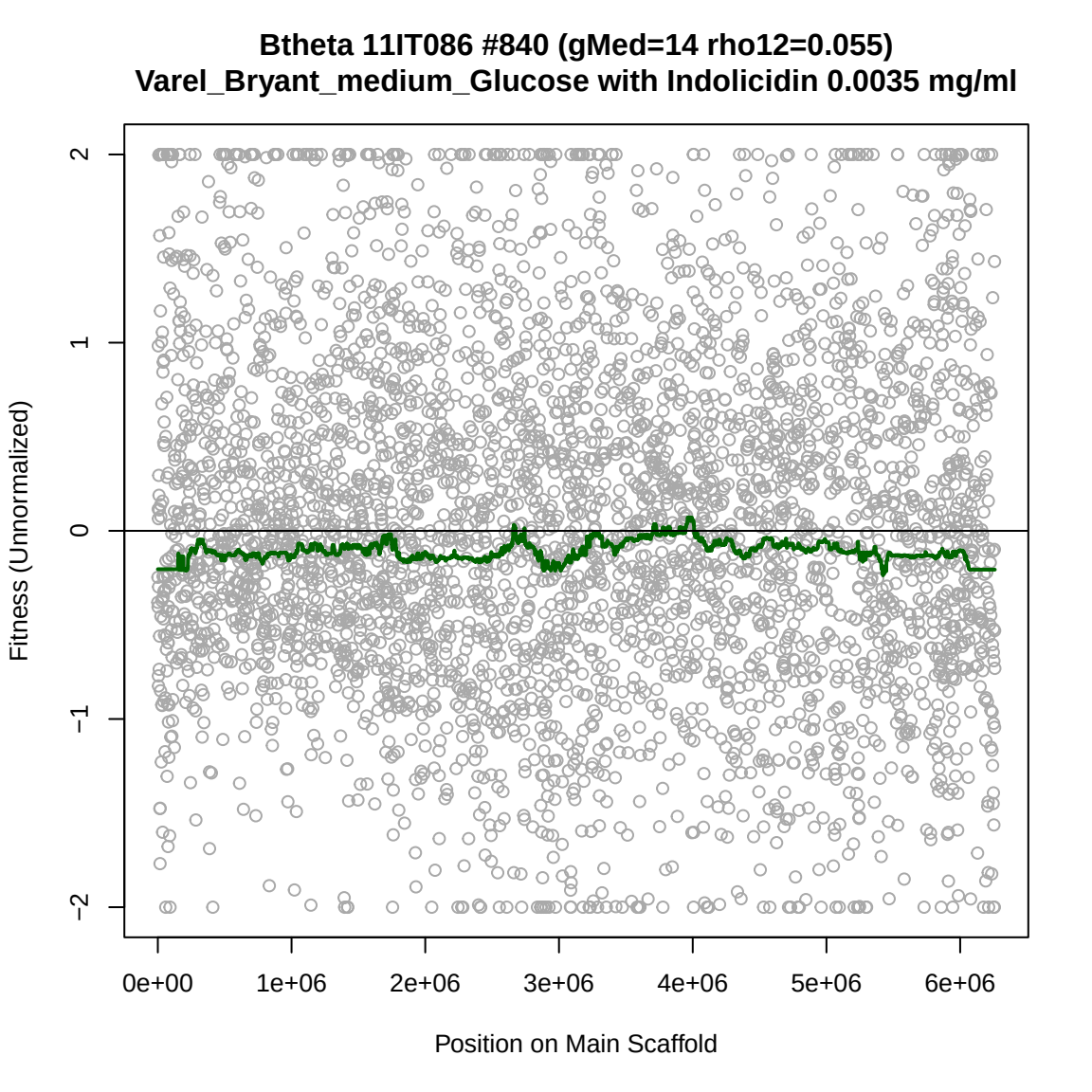

Btheta 11IT080 #834 (gMed=113 rho12=0.134)
Fructooligosaccharides (FOS) (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

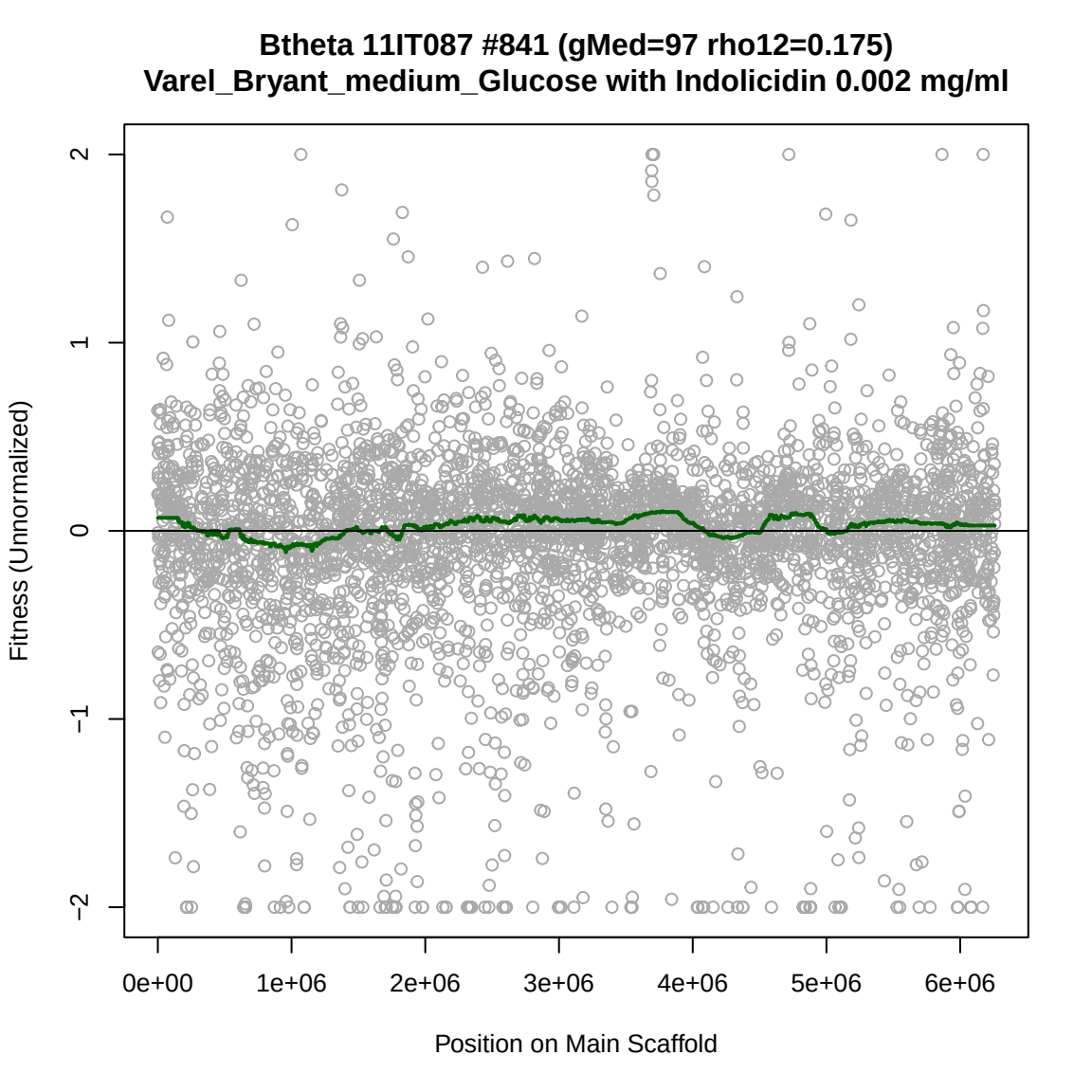

Btheta 11IT081 #835 (gMed=118 rho12=0.133)
palatinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

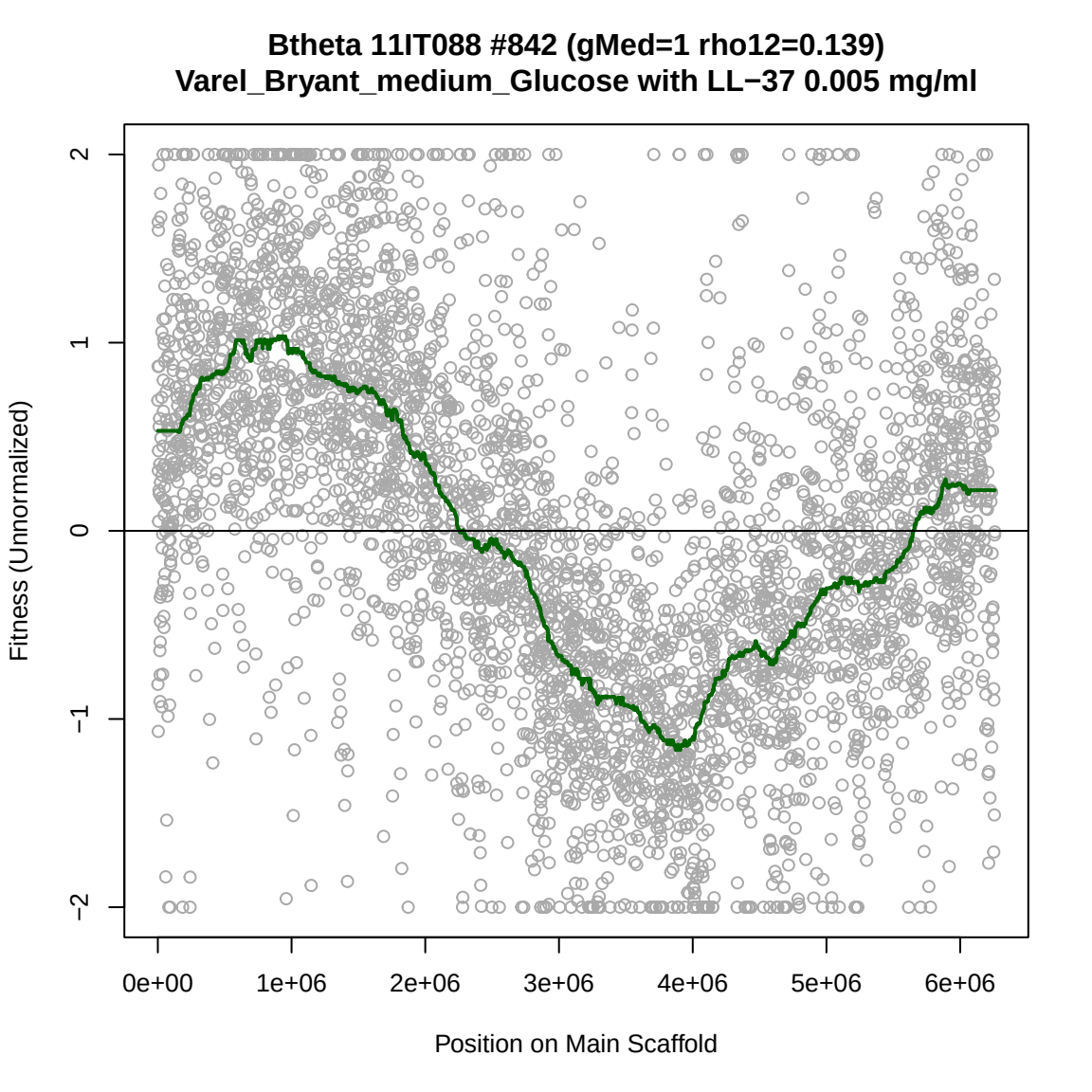

Btheta 11IT082 #836 (gMed=83 rho12=0.146)
Melibiose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

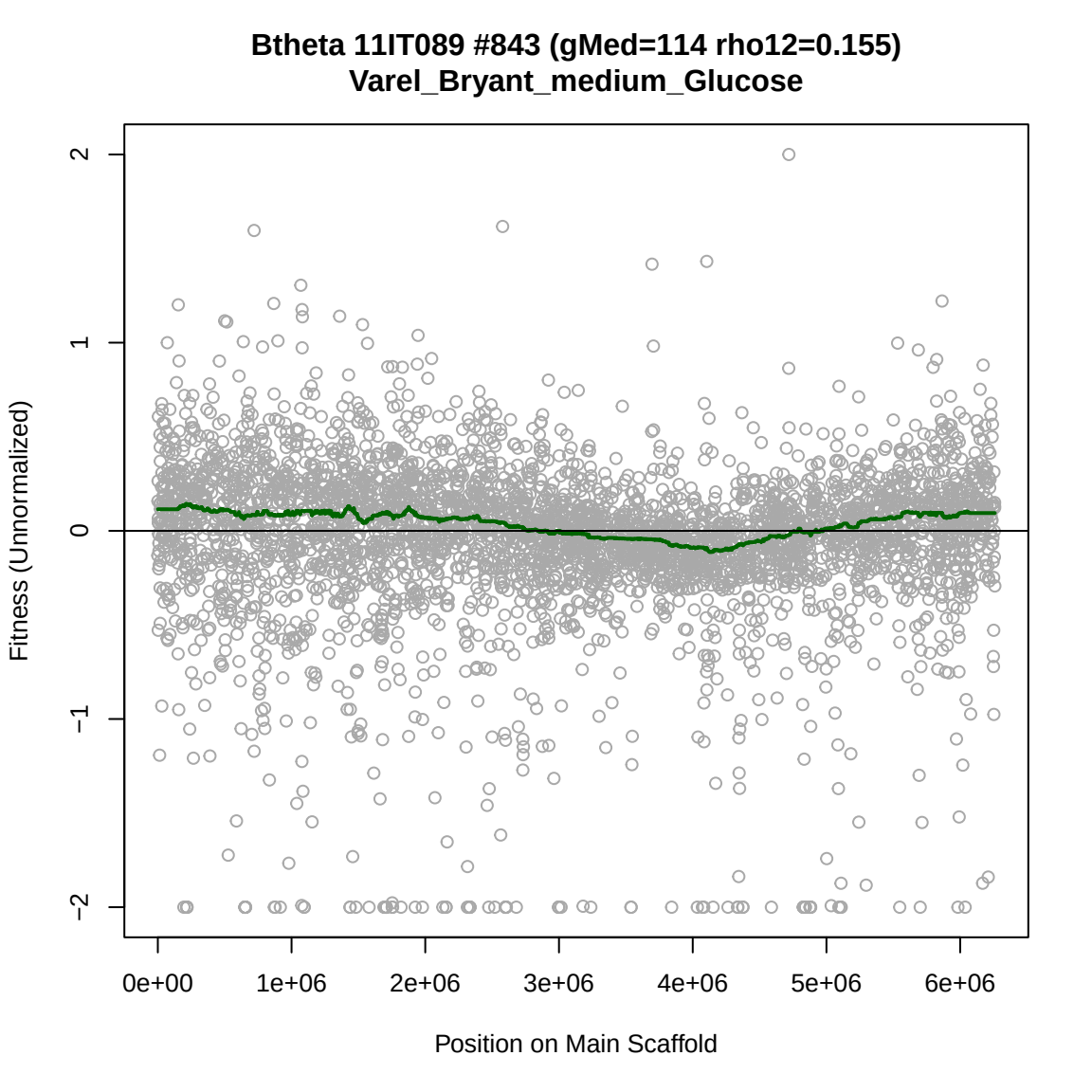

Btheta 11IT083 #837 (gMed=1 rho12=0.148)
Varel_Bryant_medium_Glucose with LL17−29 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

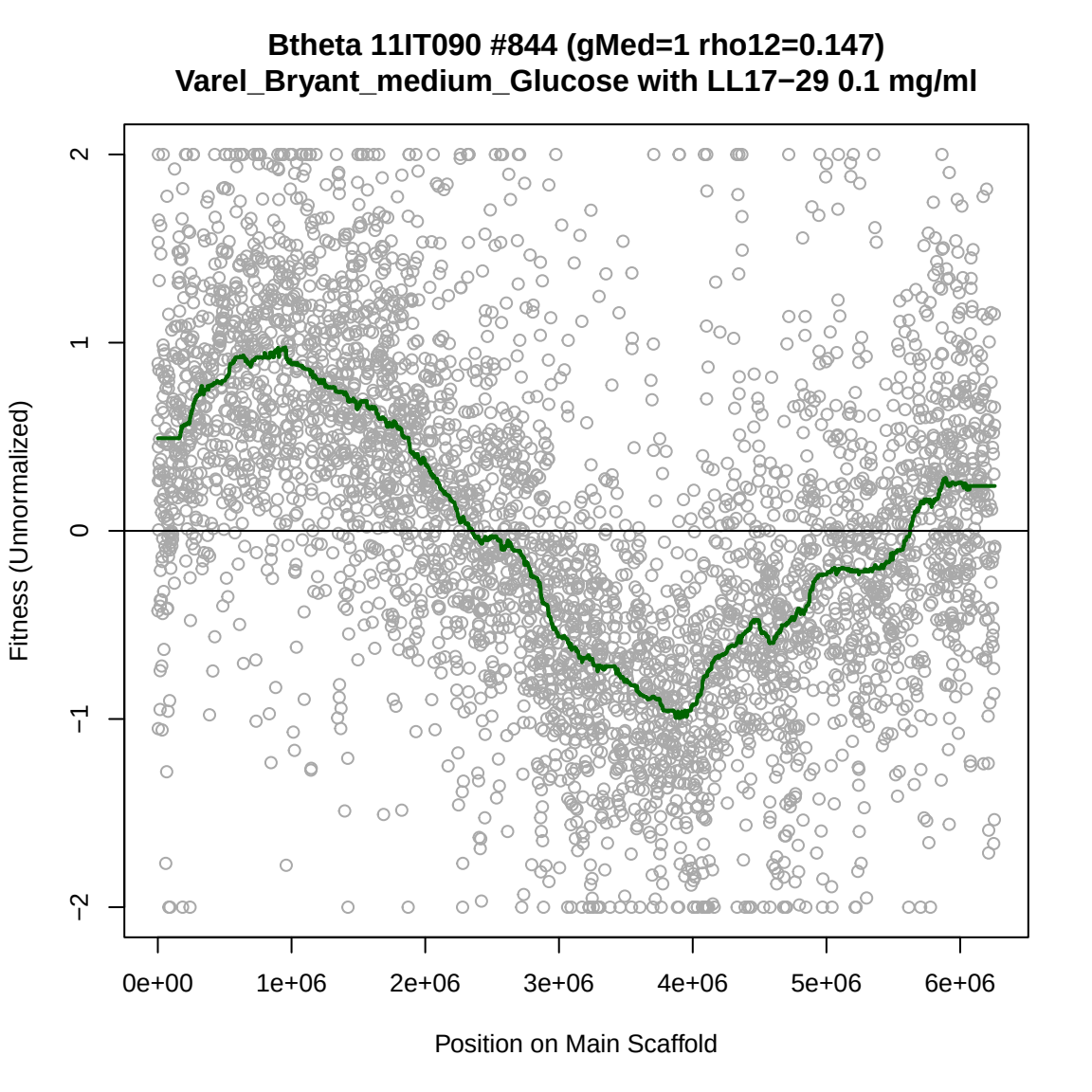

Btheta 11IT085 #839 (gMed=4 rho12=0.101)
Varel_Bryant_medium_Glucose with LL17−29 0.04 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

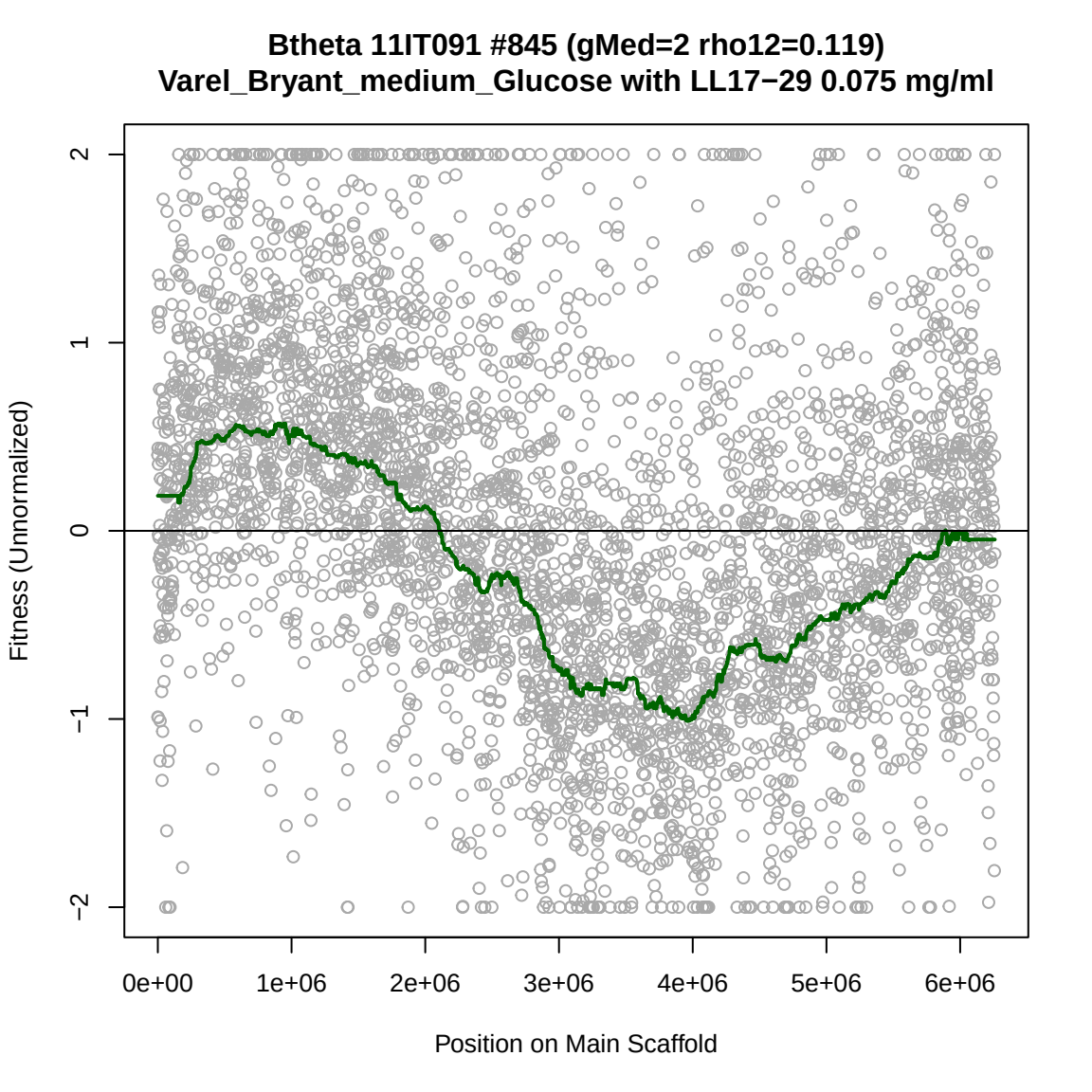

Btheta 11IT086 #840 (gMed=14 rho12=0.055)
Varel_Bryant_medium_Glucose with Indolicidin 0.0035 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

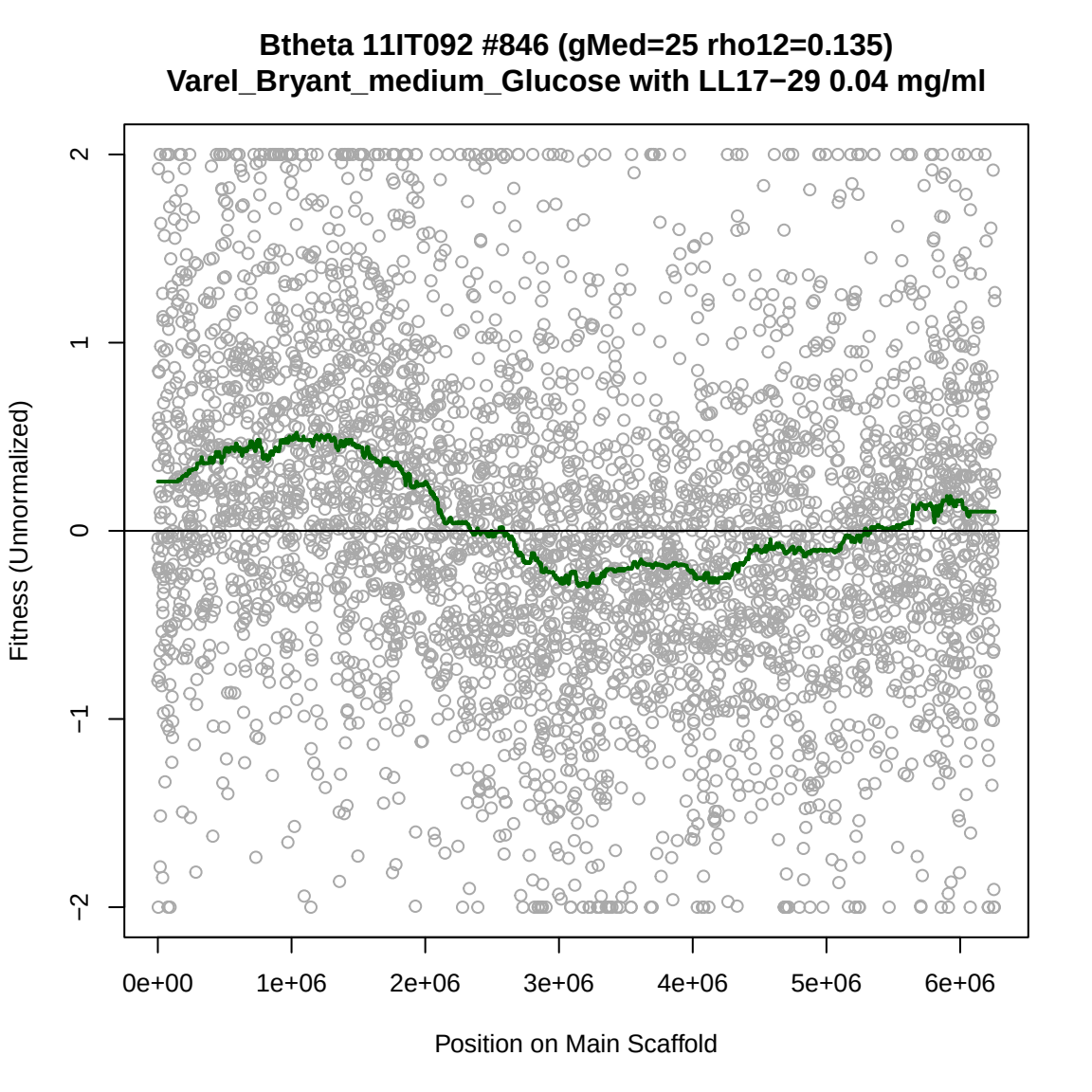

Btheta 11IT087 #841 (gMed=97 rho12=0.175)
Varel_Bryant_medium_Glucose with Indolicidin 0.002 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

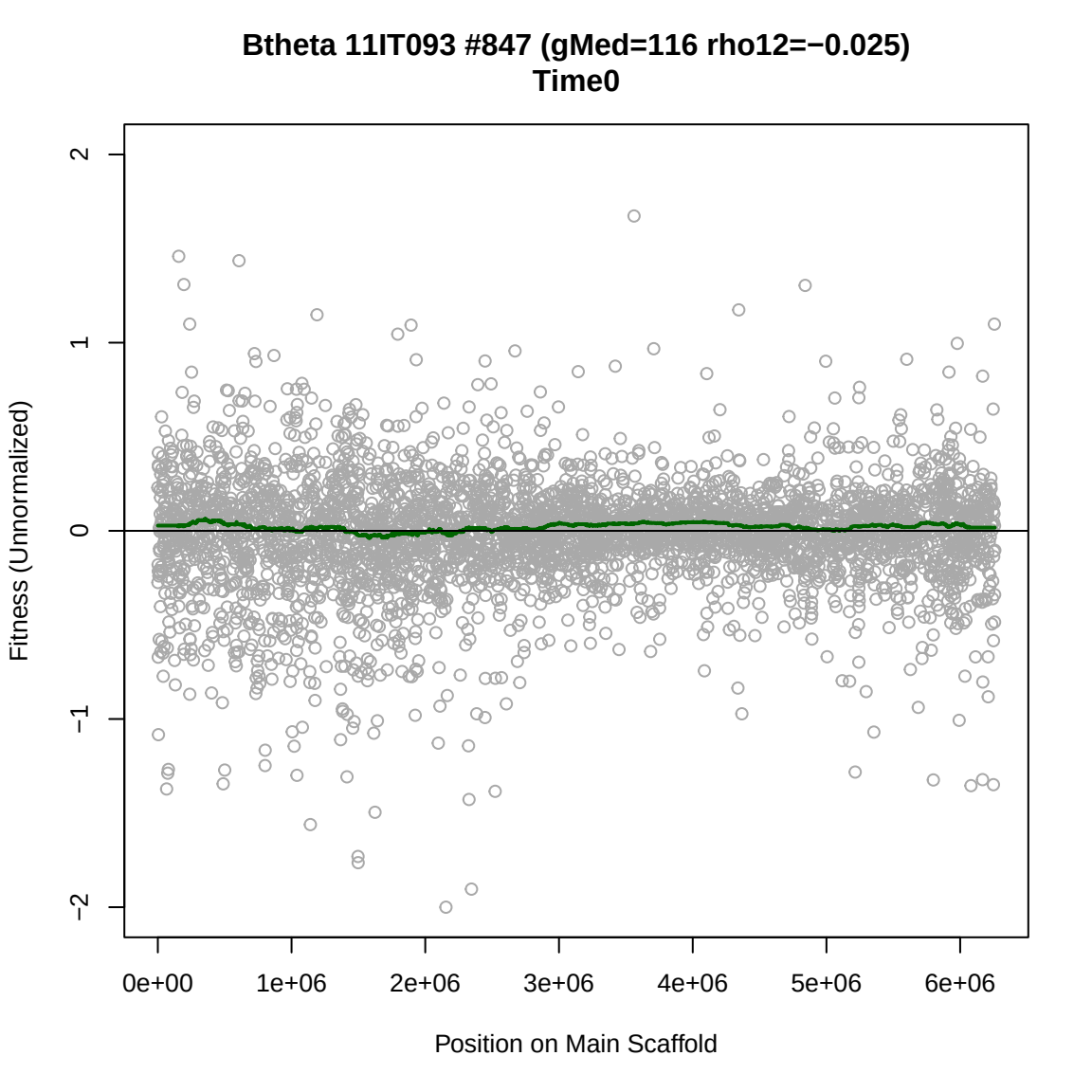

Btheta 11IT088 #842 (gMed=1 rho12=0.139)
Varel_Bryant_medium_Glucose with LL−37 0.005 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

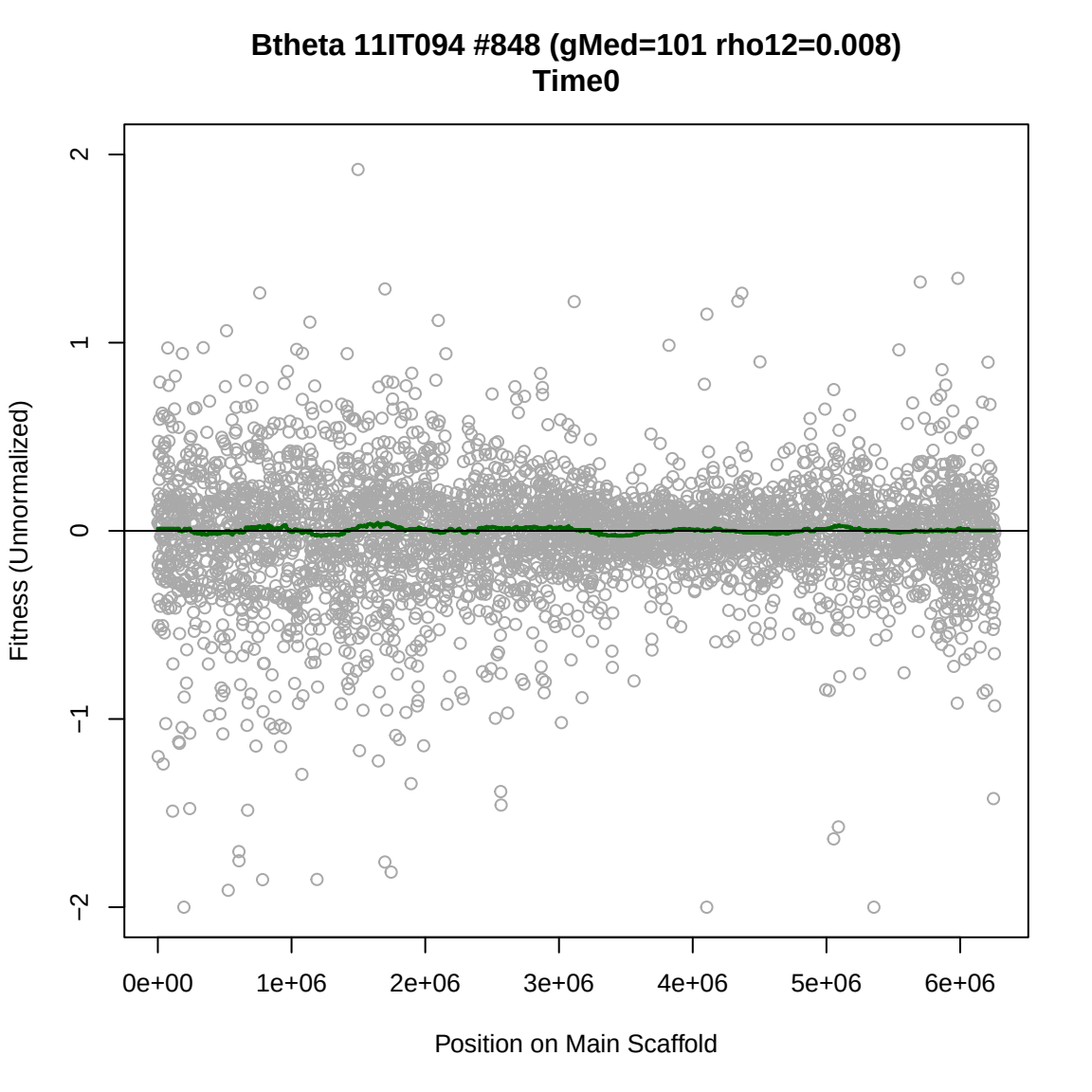

Btheta 11IT089 #843 (gMed=114 rho12=0.155)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

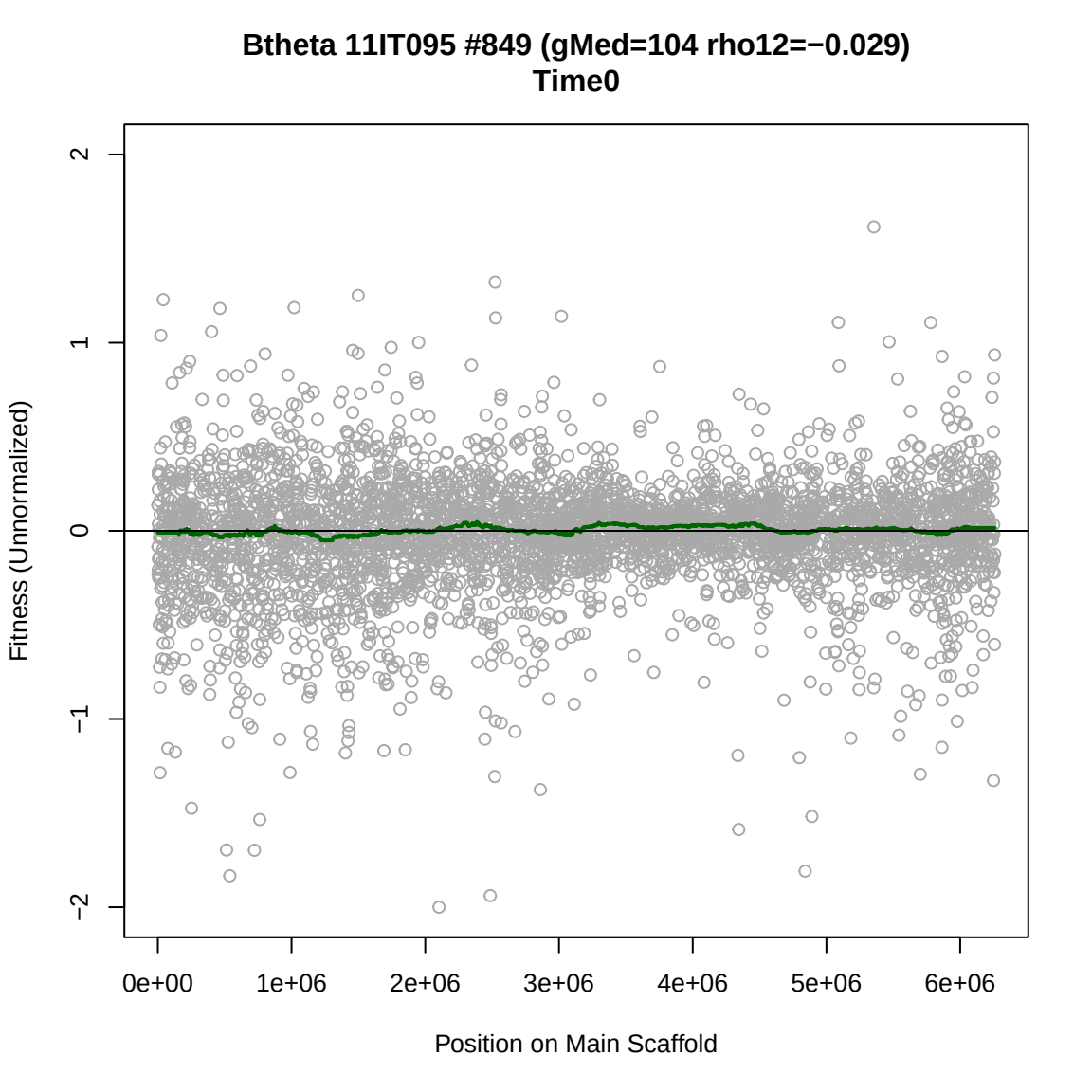

Btheta 11IT090 #844 (gMed=1 rho12=0.147)
Varel_Bryant_medium_Glucose with LL17−29 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

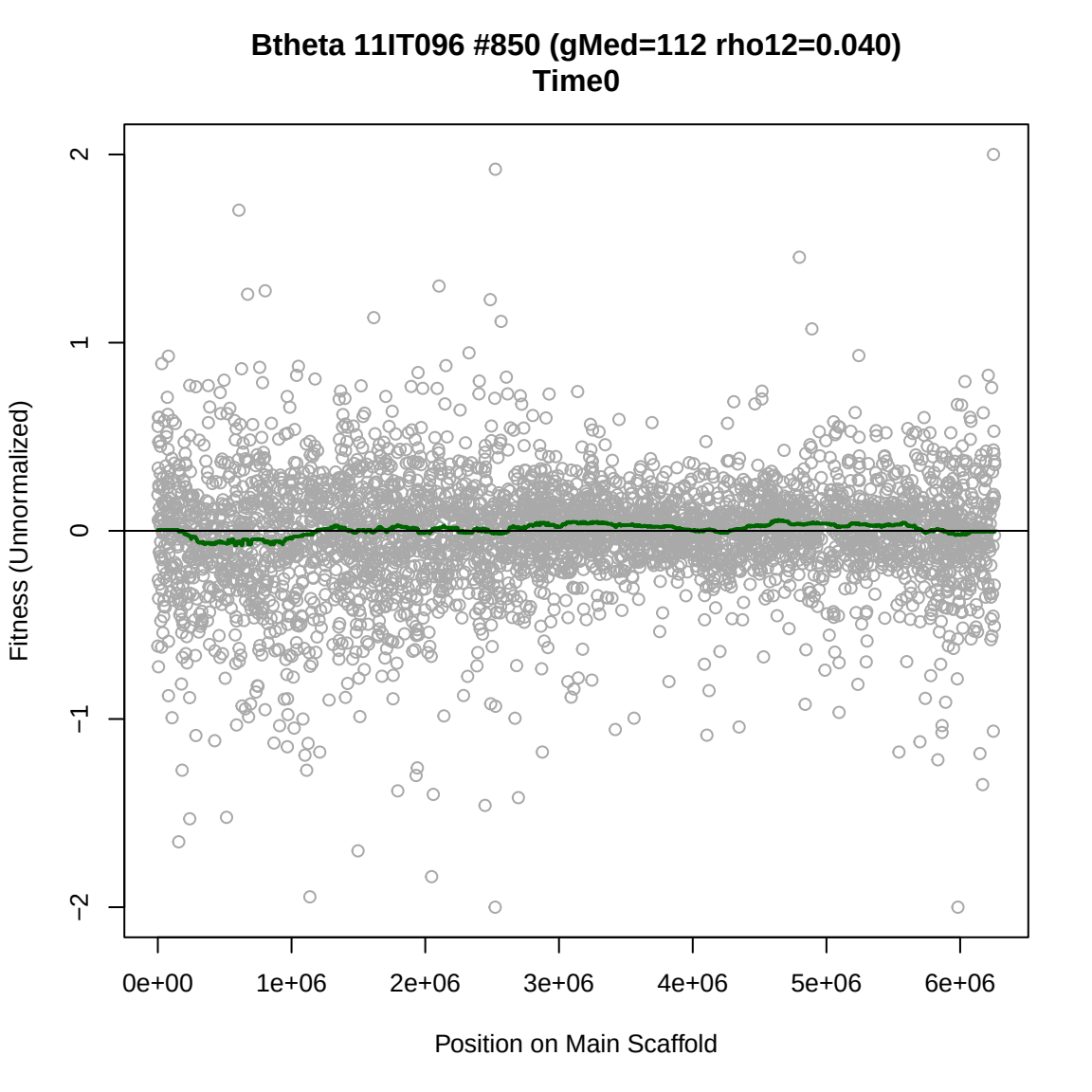

Btheta 11IT091 #845 (gMed=2 rho12=0.119)
Varel_Bryant_medium_Glucose with LL17−29 0.075 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

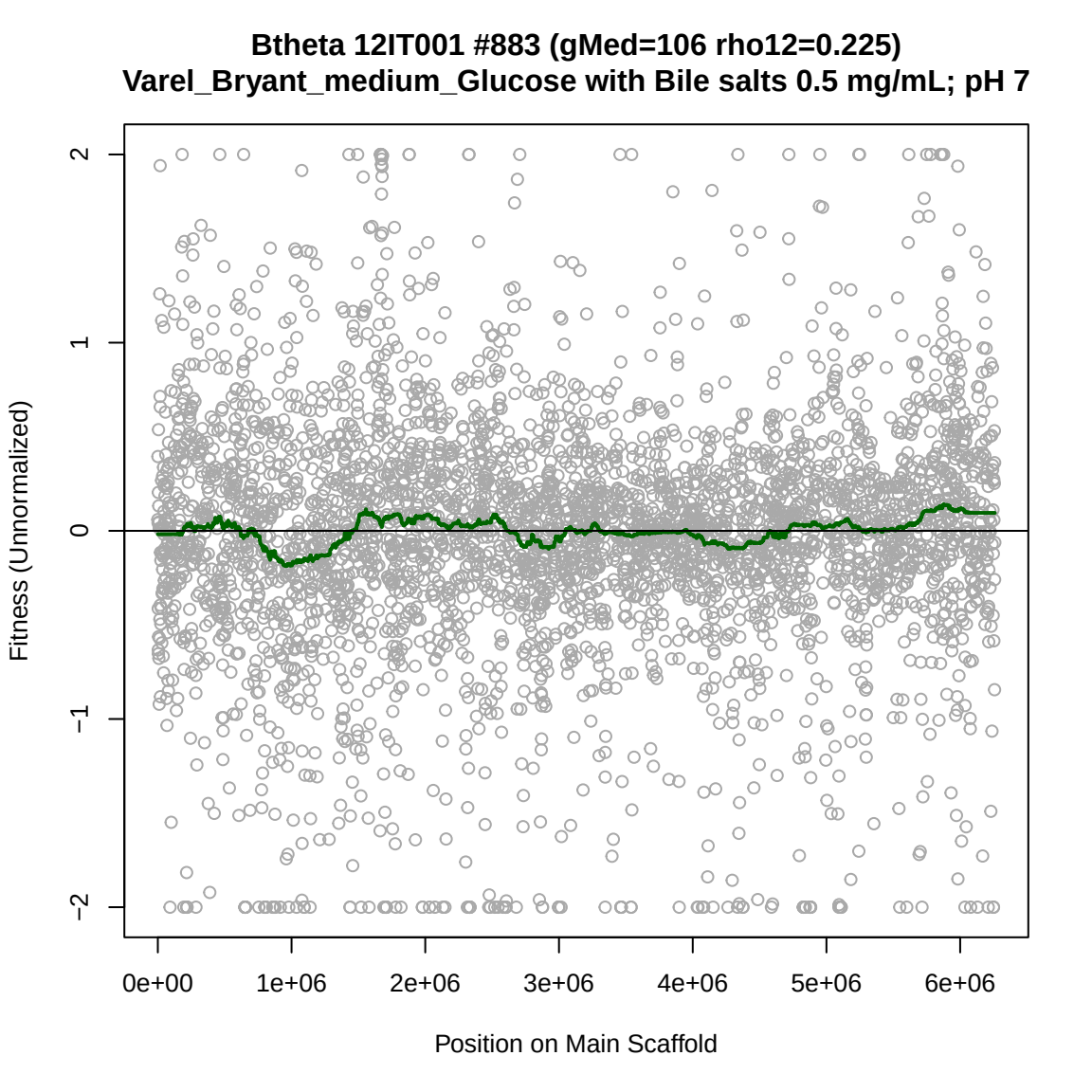

Btheta 11IT092 #846 (gMed=25 rho12=0.135)
Varel_Bryant_medium_Glucose with LL17−29 0.04 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

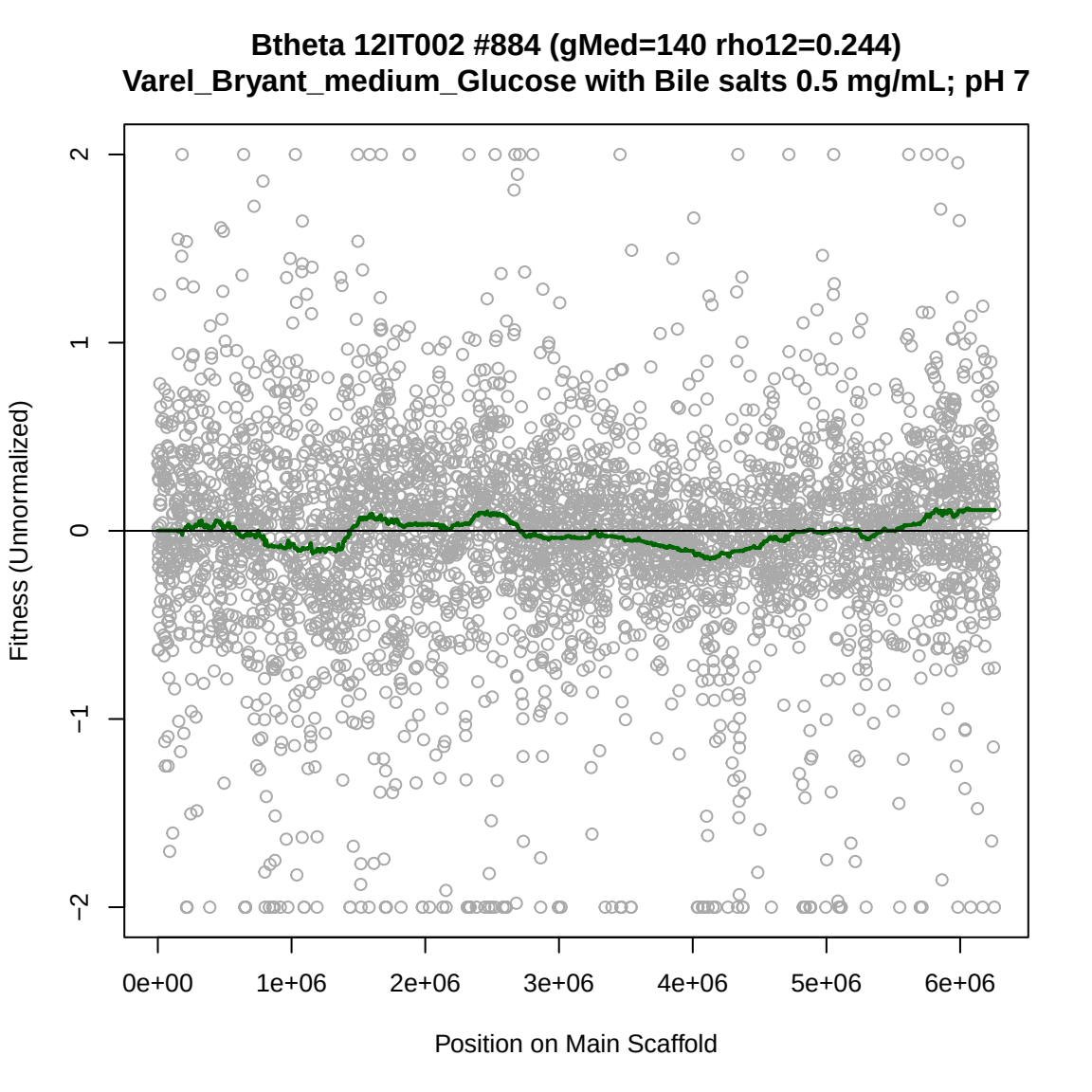

Btheta 11IT093 #847 (gMed=116 rho12=−0.025)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

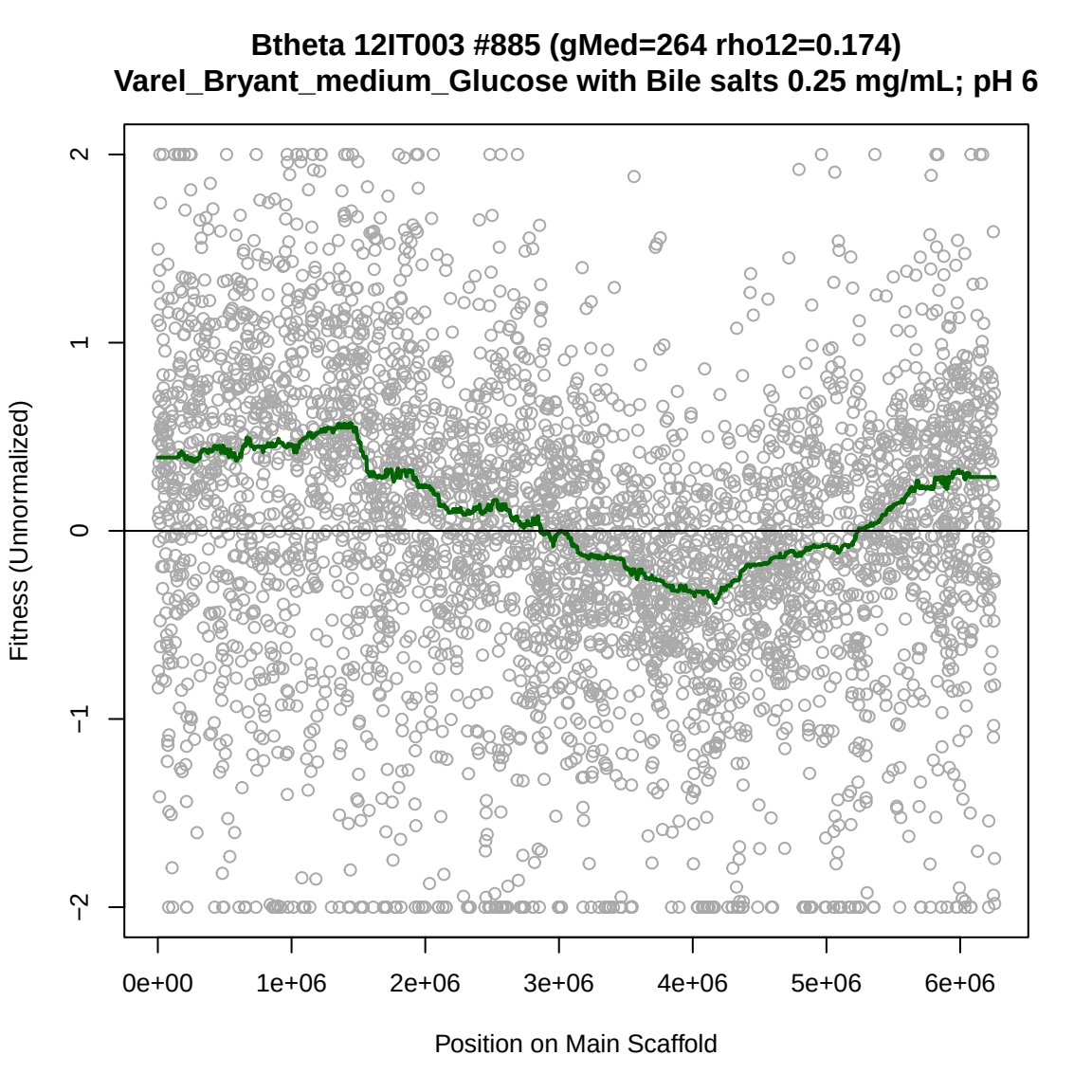

Btheta 11IT094 #848 (gMed=101 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

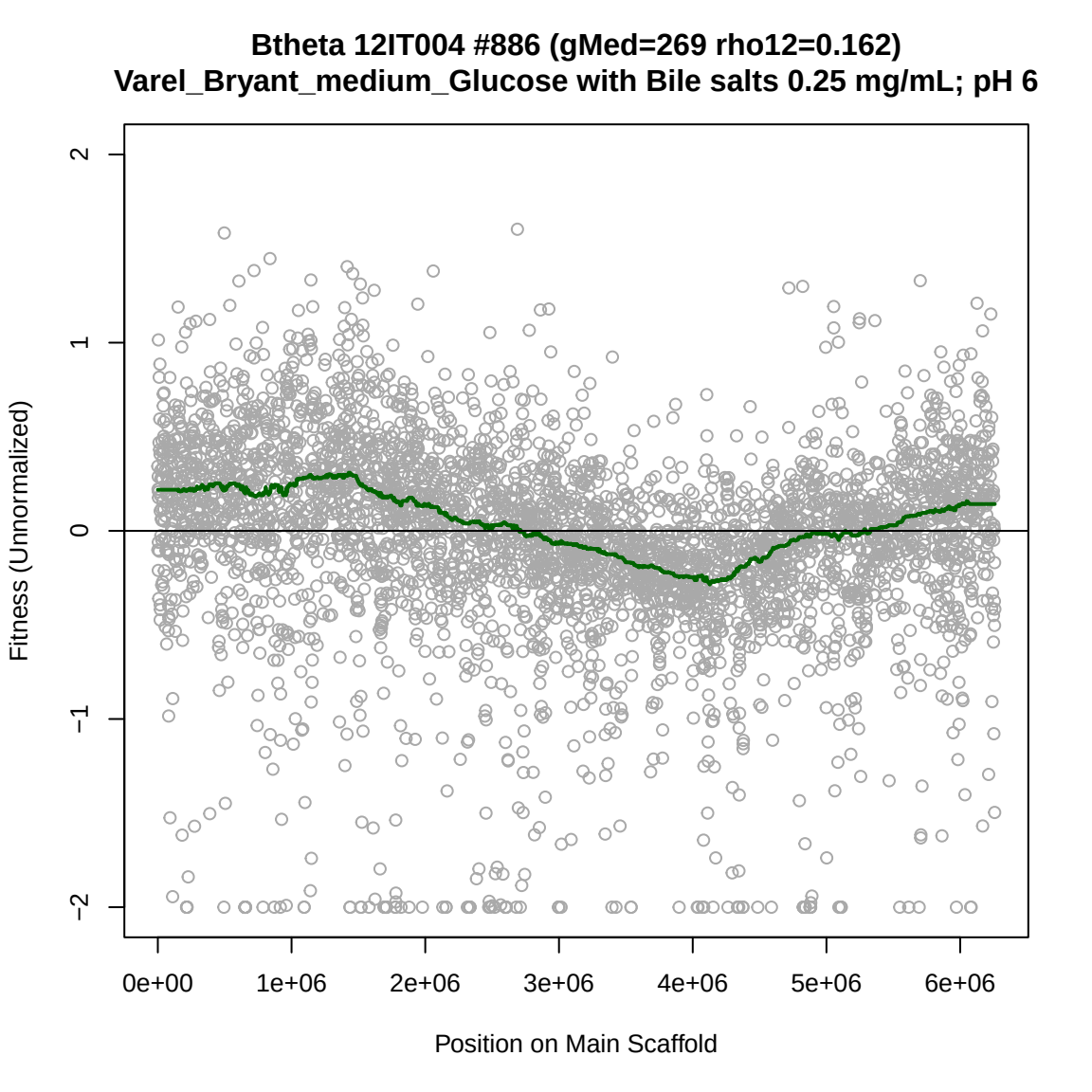

Btheta 11IT095 #849 (gMed=104 rho12=−0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

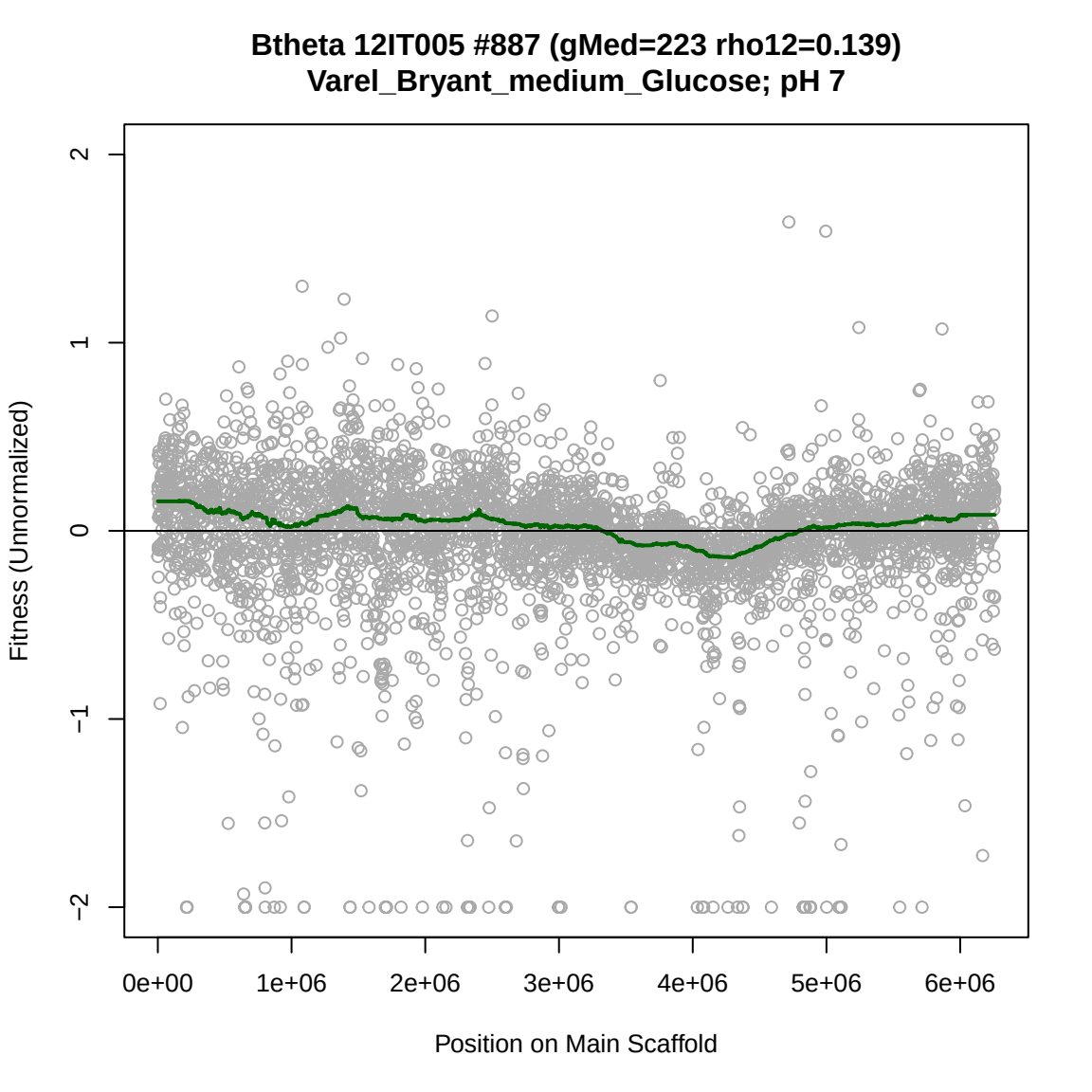

Btheta 11IT096 #850 (gMed=112 rho12=0.040)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

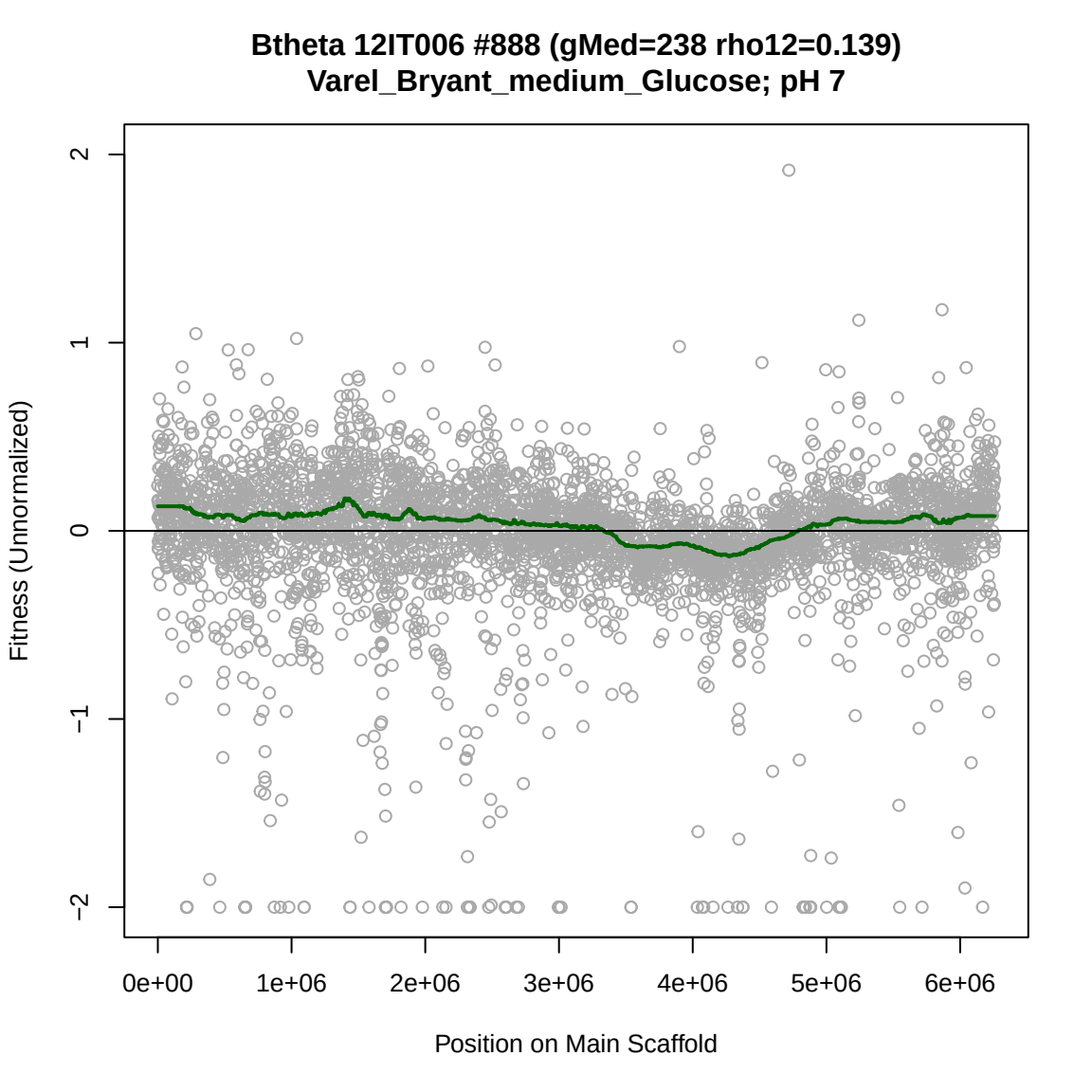

Btheta 12IT001 #883 (gMed=106 rho12=0.225)
Varel_Bryant_medium_Glucose with Bile salts 0.5 mg/mL; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

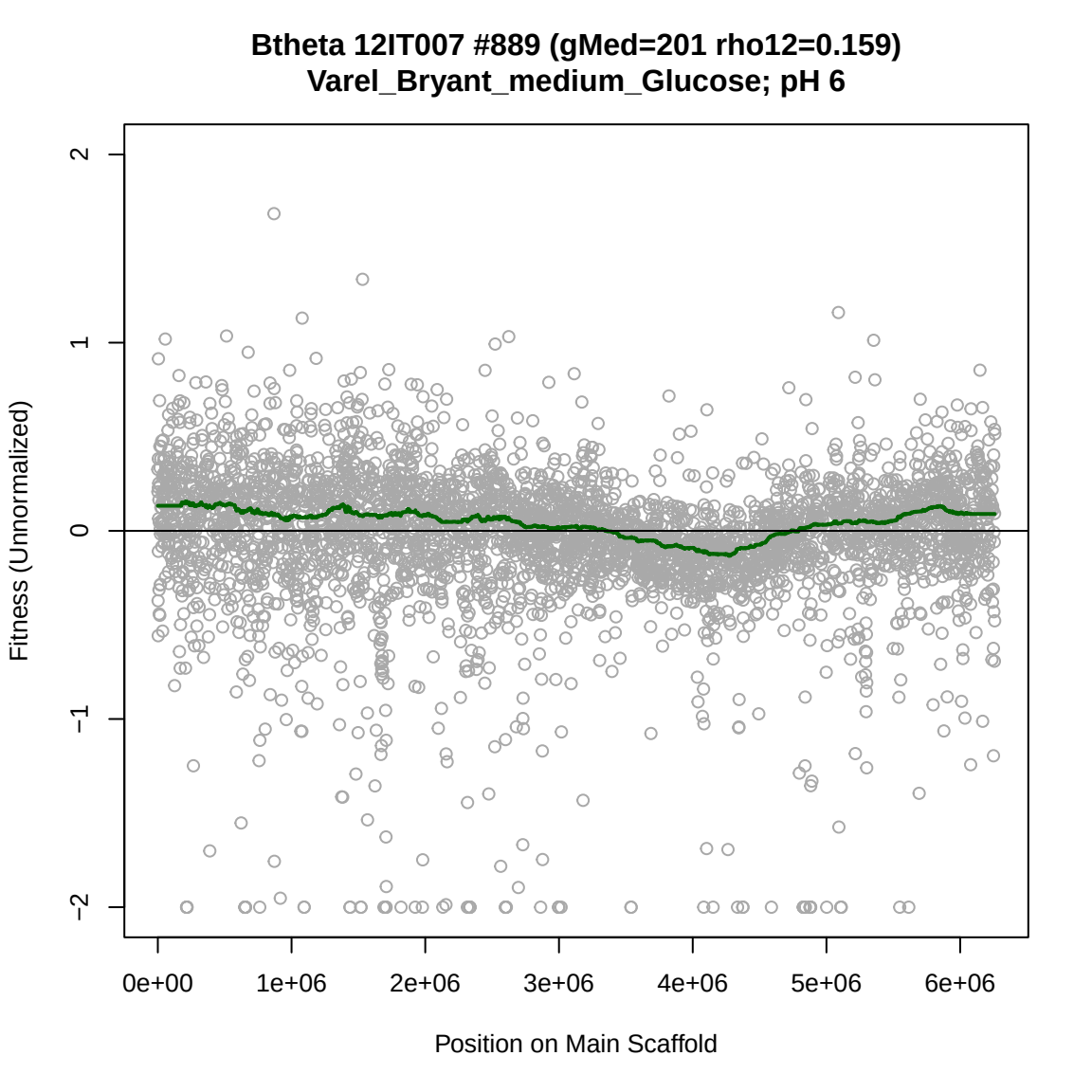

Btheta 12IT002 #884 (gMed=140 rho12=0.244)
Varel_Bryant_medium_Glucose with Bile salts 0.5 mg/mL; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

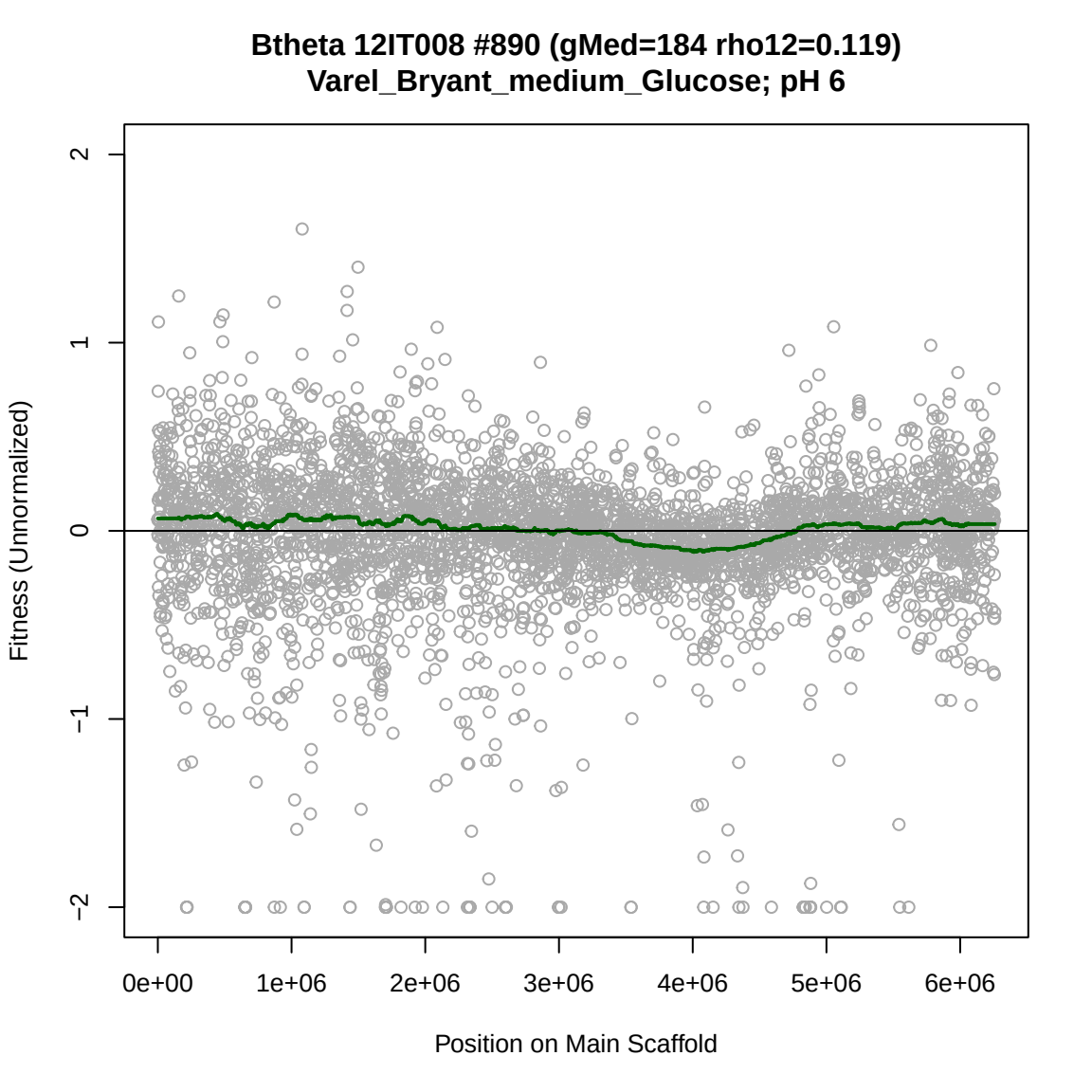

Btheta 12IT003 #885 (gMed=264 rho12=0.174)
Varel_Bryant_medium_Glucose with Bile salts 0.25 mg/mL; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

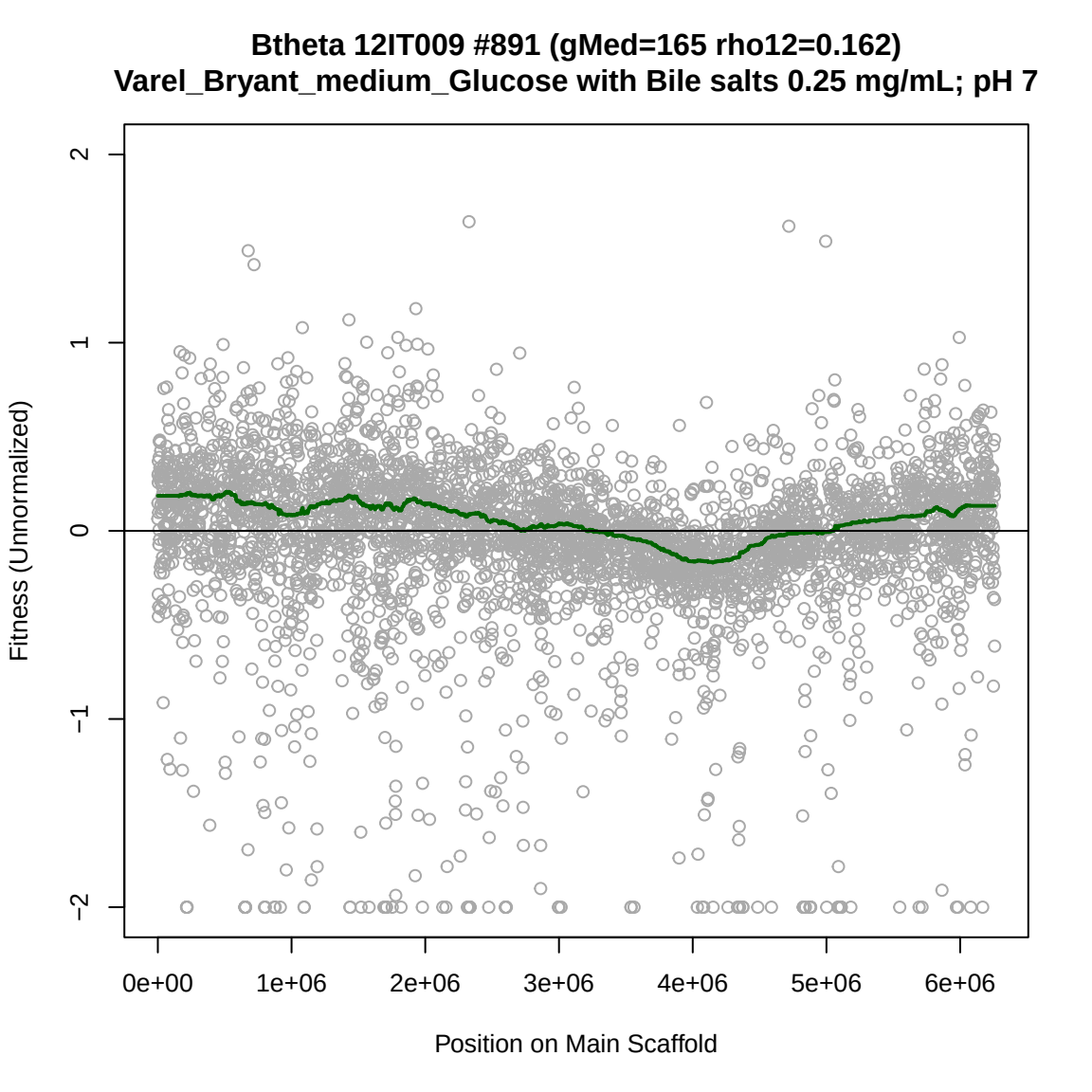

Btheta 12IT004 #886 (gMed=269 rho12=0.162)
Varel_Bryant_medium_Glucose with Bile salts 0.25 mg/mL; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

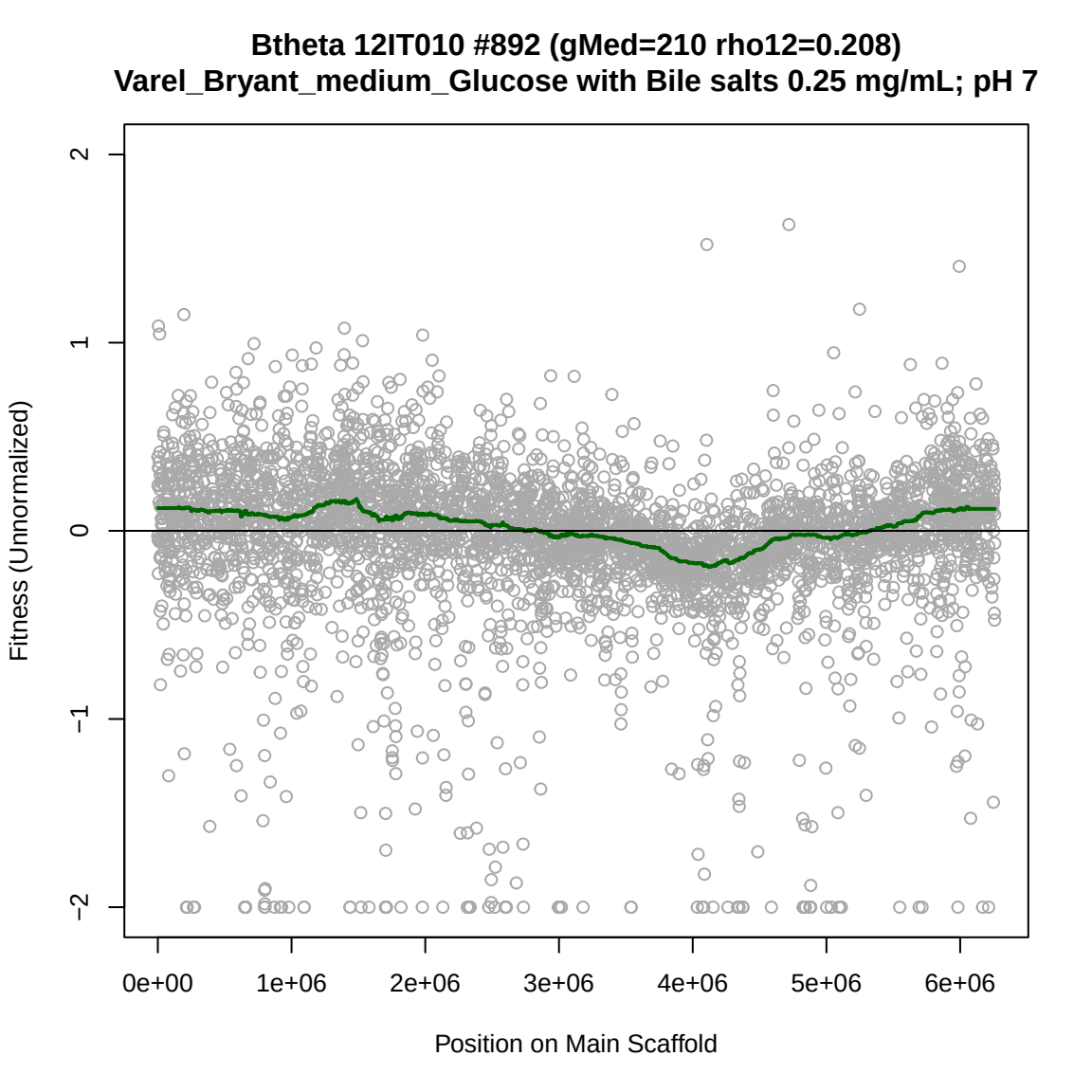

Btheta 12IT005 #887 (gMed=223 rho12=0.139)
Varel_Bryant_medium_Glucose; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

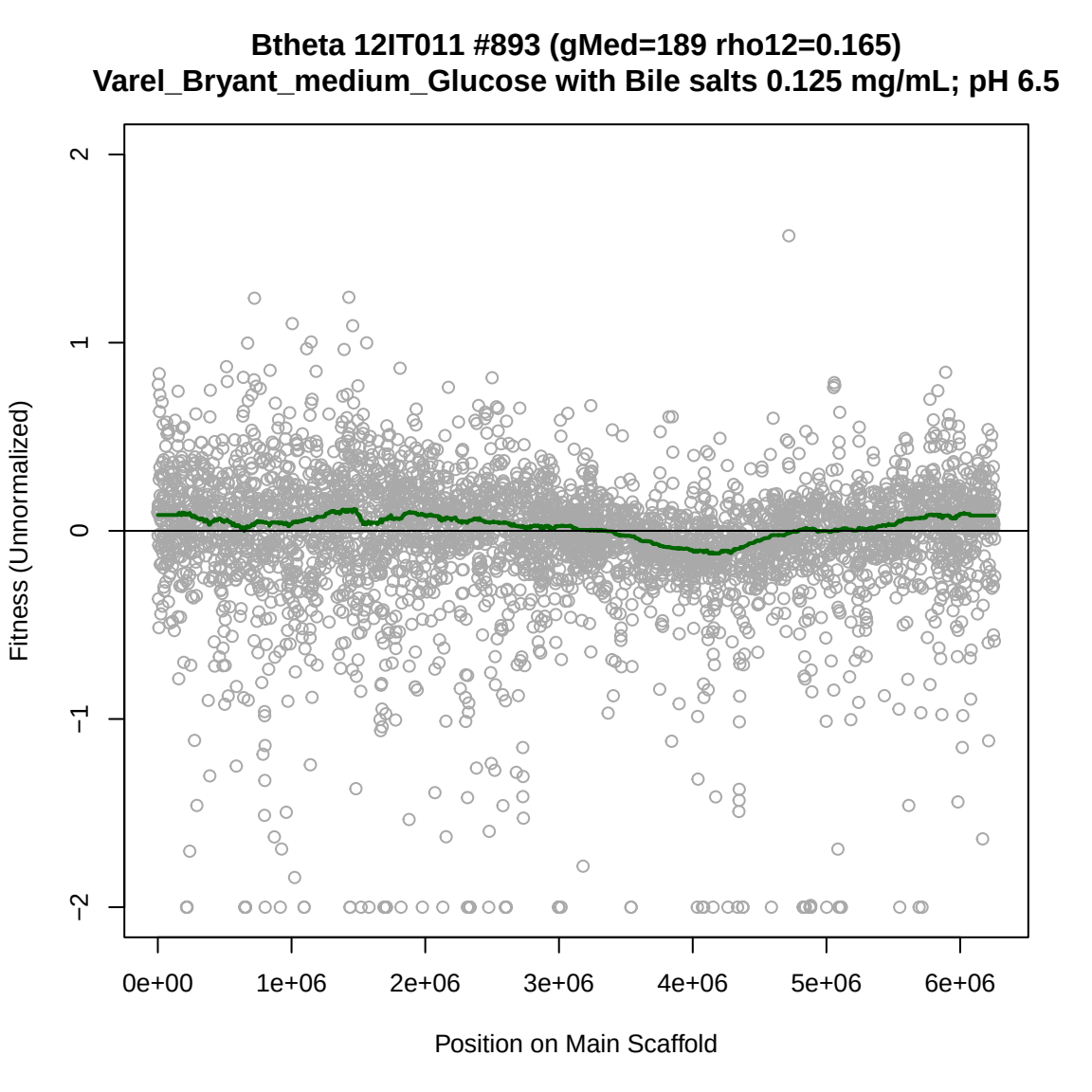

Btheta 12IT006 #888 (gMed=238 rho12=0.139)
Varel_Bryant_medium_Glucose; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

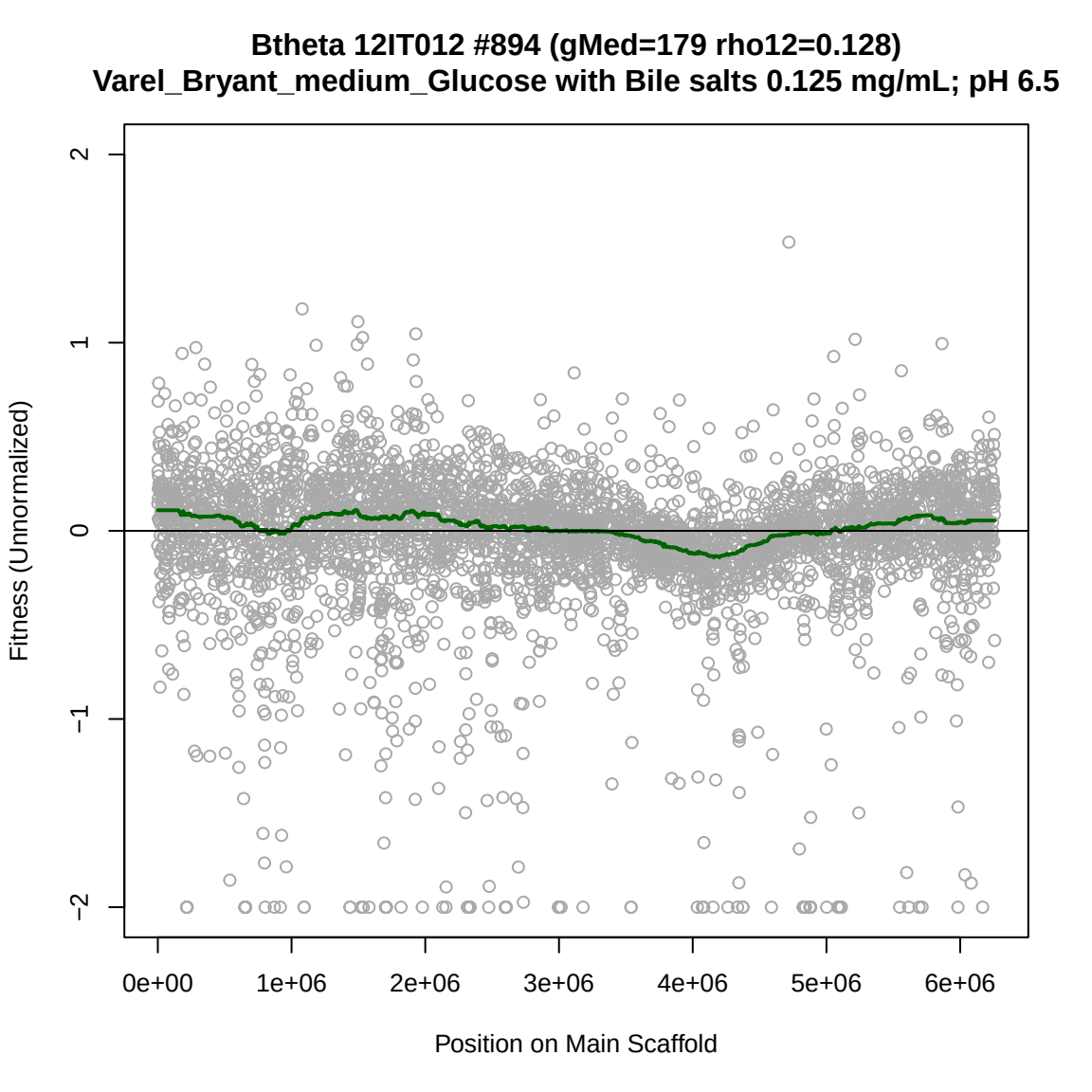

Btheta 12IT007 #889 (gMed=201 rho12=0.159)
Varel_Bryant_medium_Glucose; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

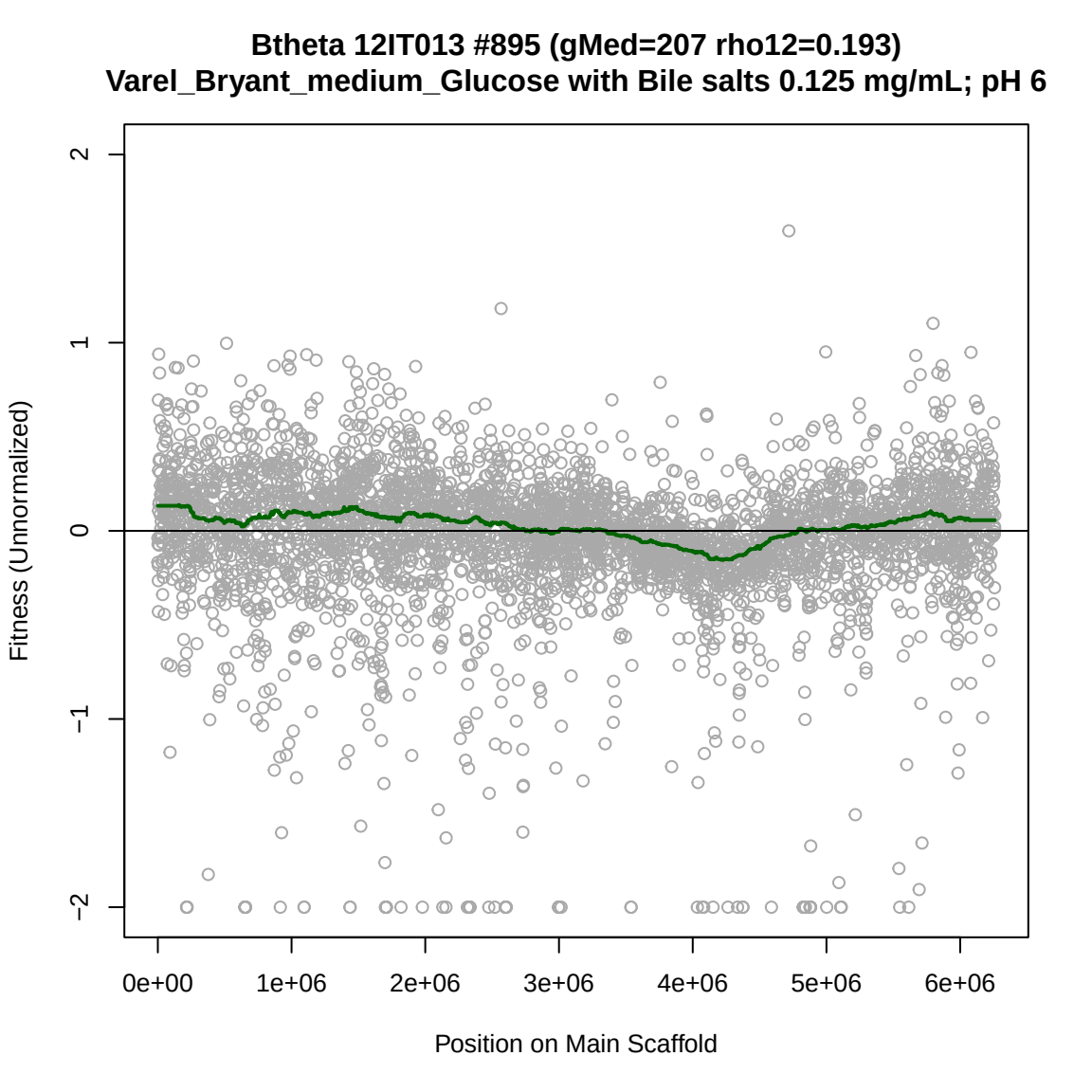

Btheta 12IT008 #890 (gMed=184 rho12=0.119)
Varel_Bryant_medium_Glucose; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

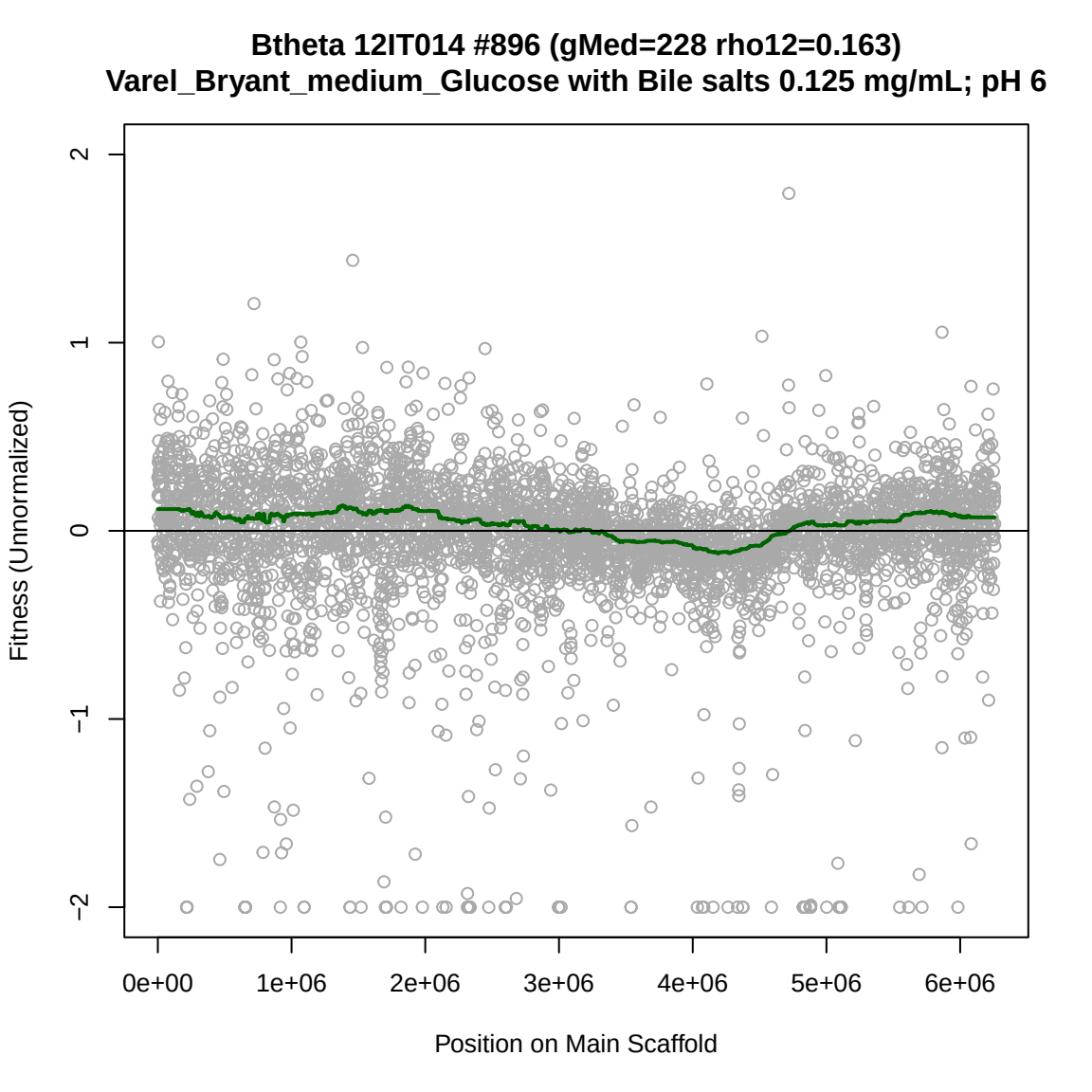

Btheta 12IT009 #891 (gMed=165 rho12=0.162)
Varel_Bryant_medium_Glucose with Bile salts 0.25 mg/mL; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

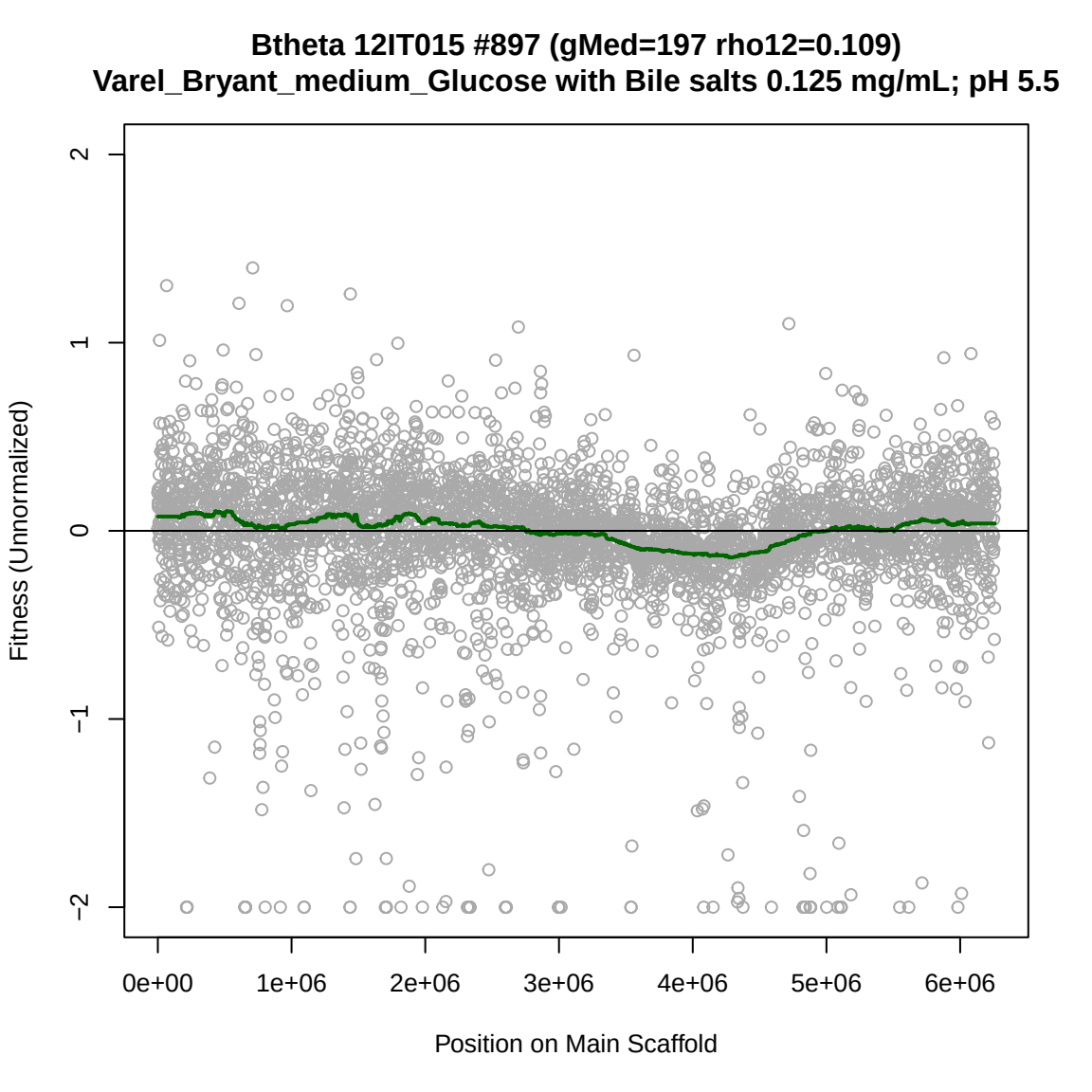

Btheta 12IT010 #892 (gMed=210 rho12=0.208)
Varel_Bryant_medium_Glucose with Bile salts 0.25 mg/mL; pH 7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

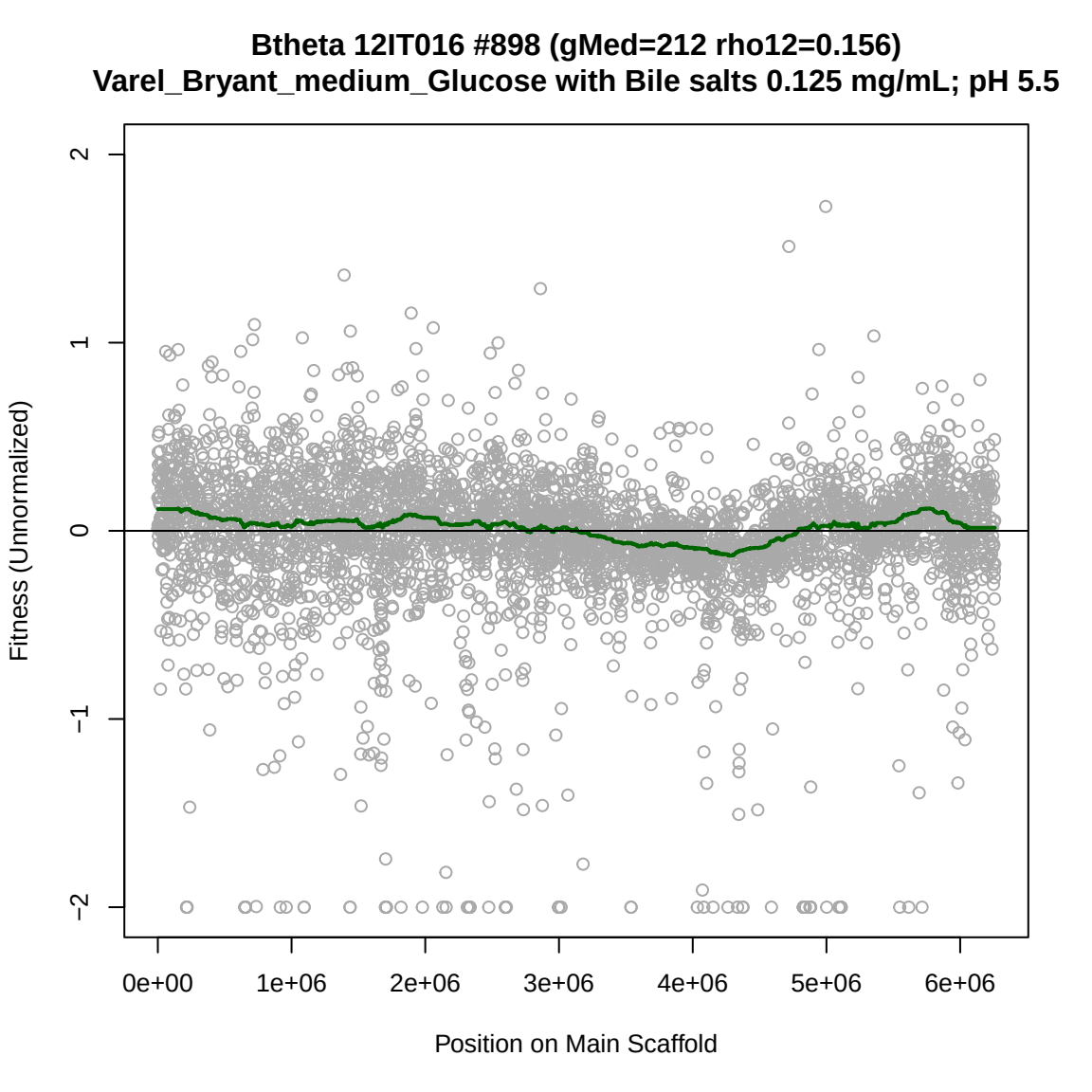

Btheta 12IT011 #893 (gMed=189 rho12=0.165)
Varel_Bryant_medium_Glucose with Bile salts 0.125 mg/mL; pH 6.5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

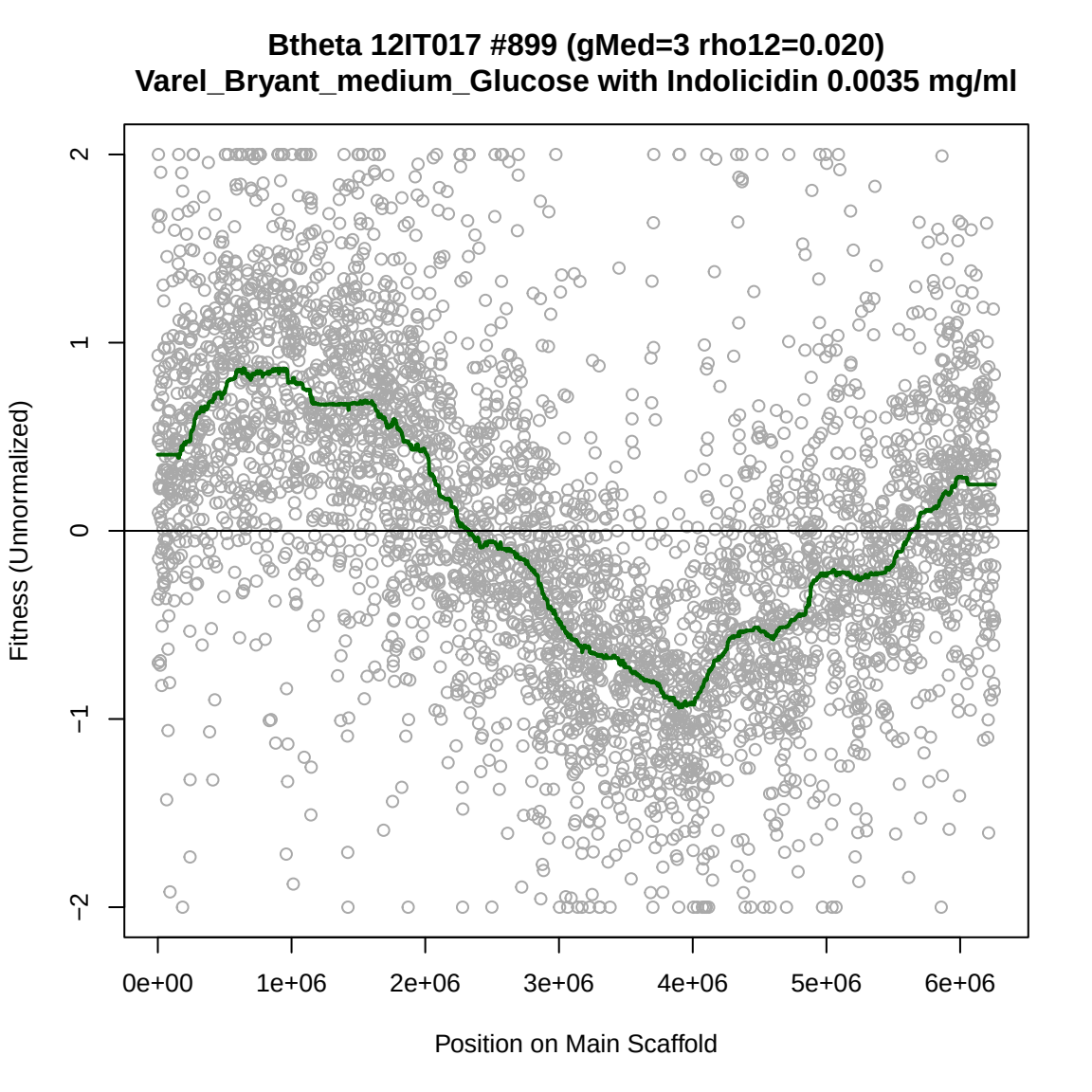

Btheta 12IT012 #894 (gMed=179 rho12=0.128)
Varel_Bryant_medium_Glucose with Bile salts 0.125 mg/mL; pH 6.5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

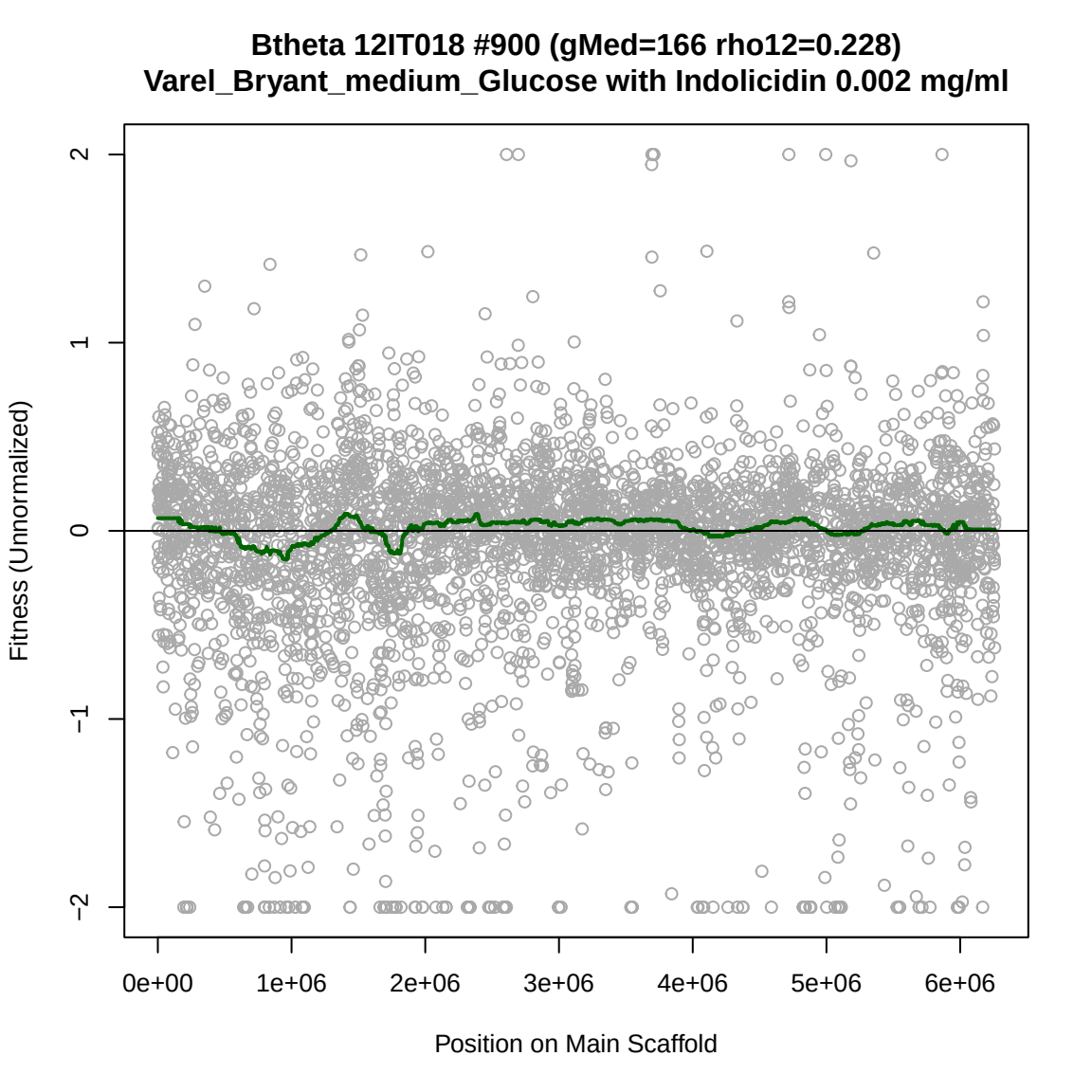

Btheta 12IT013 #895 (gMed=207 rho12=0.193)
Varel_Bryant_medium_Glucose with Bile salts 0.125 mg/mL; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

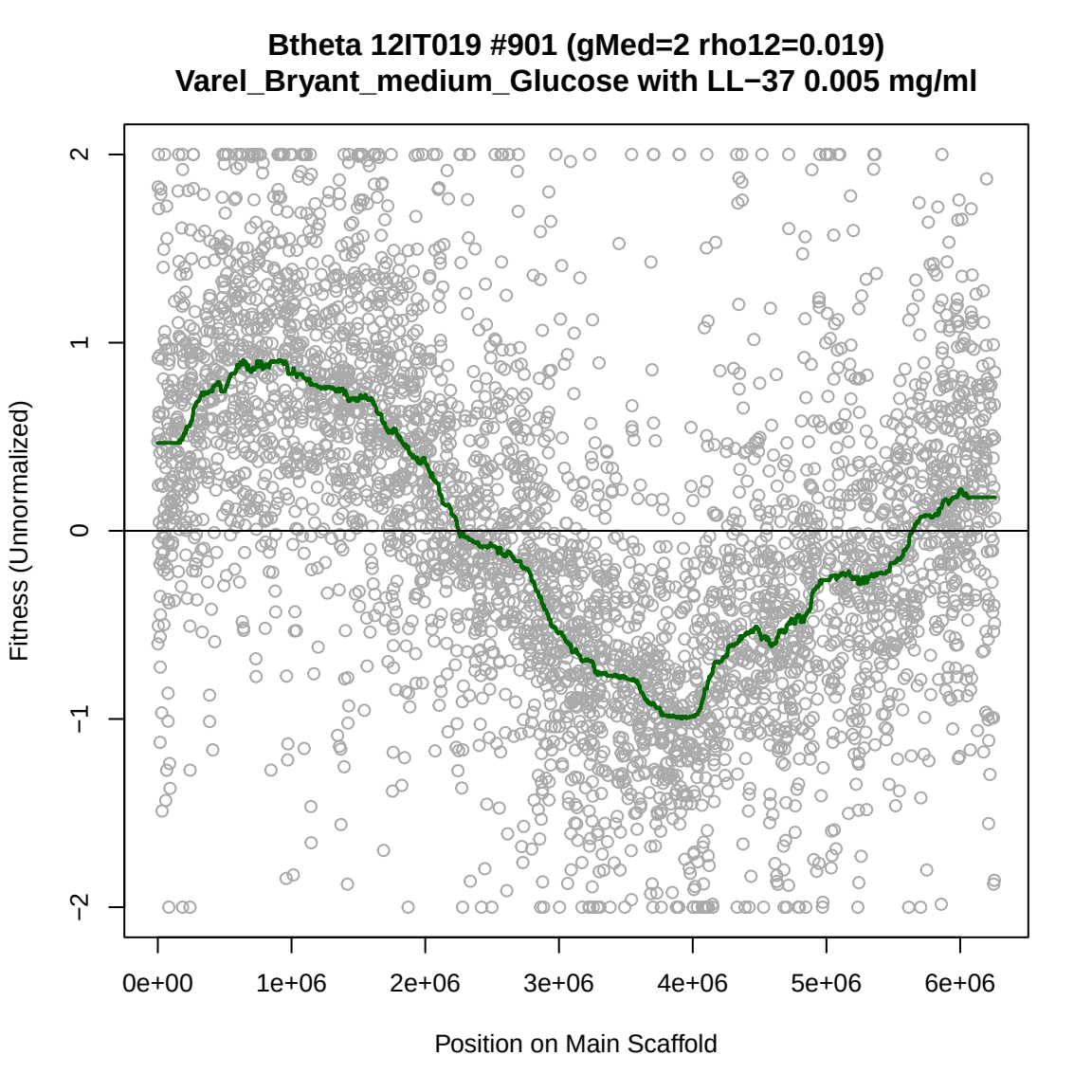

Btheta 12IT014 #896 (gMed=228 rho12=0.163)
Varel_Bryant_medium_Glucose with Bile salts 0.125 mg/mL; pH 6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

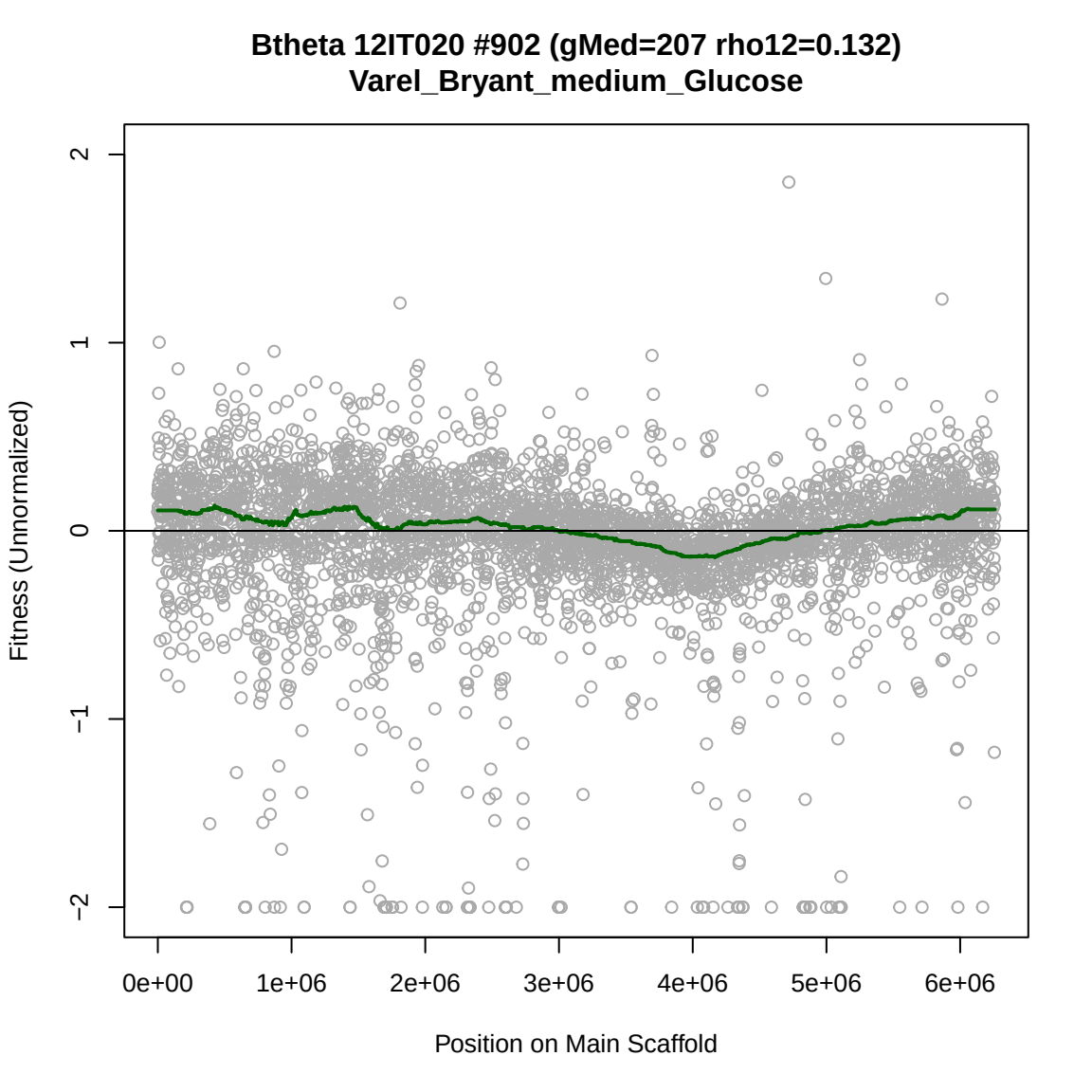

Btheta 12IT015 #897 (gMed=197 rho12=0.109)
Varel_Bryant_medium_Glucose with Bile salts 0.125 mg/mL; pH 5.5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

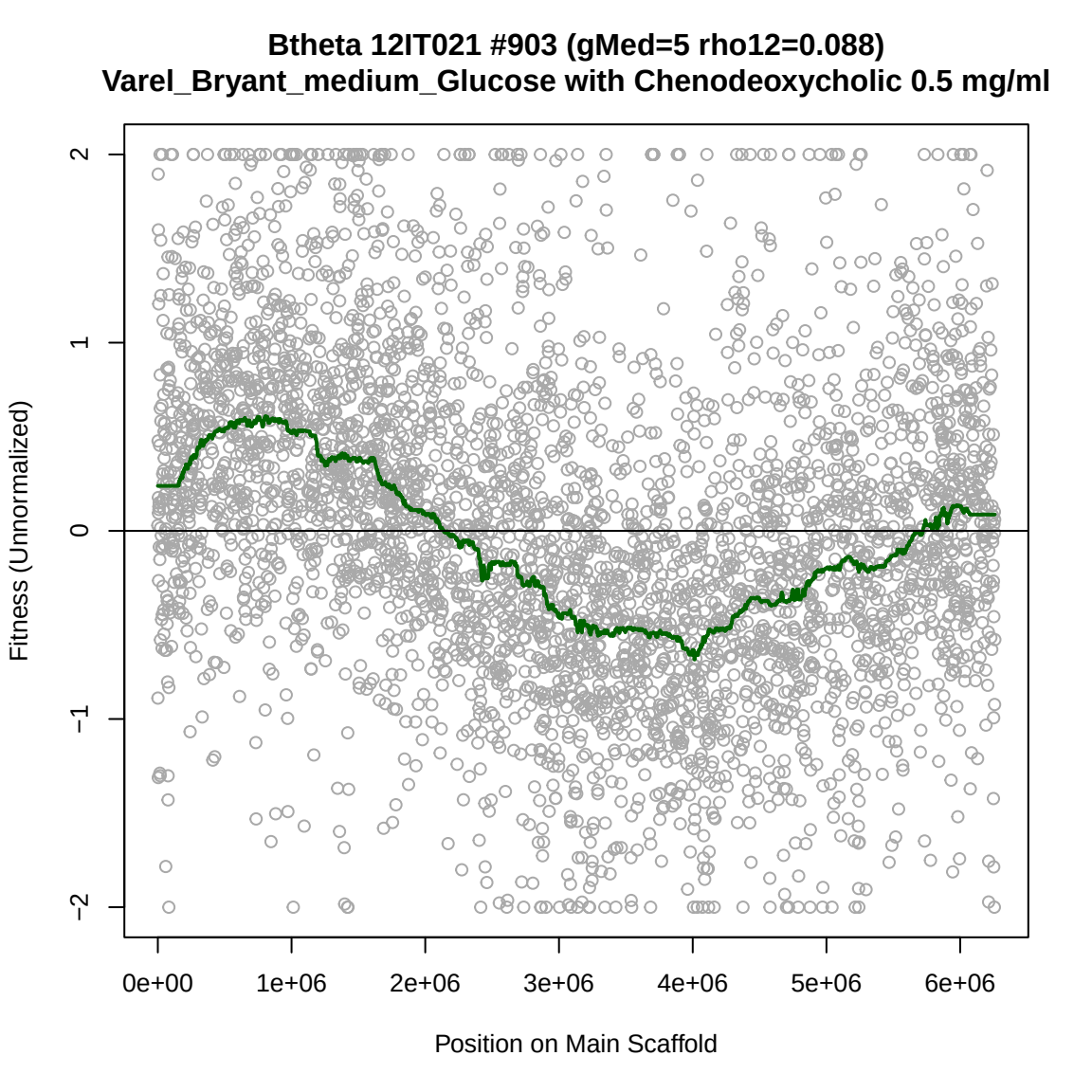

Btheta 12IT016 #898 (gMed=212 rho12=0.156)
Varel_Bryant_medium_Glucose with Bile salts 0.125 mg/mL; pH 5.5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

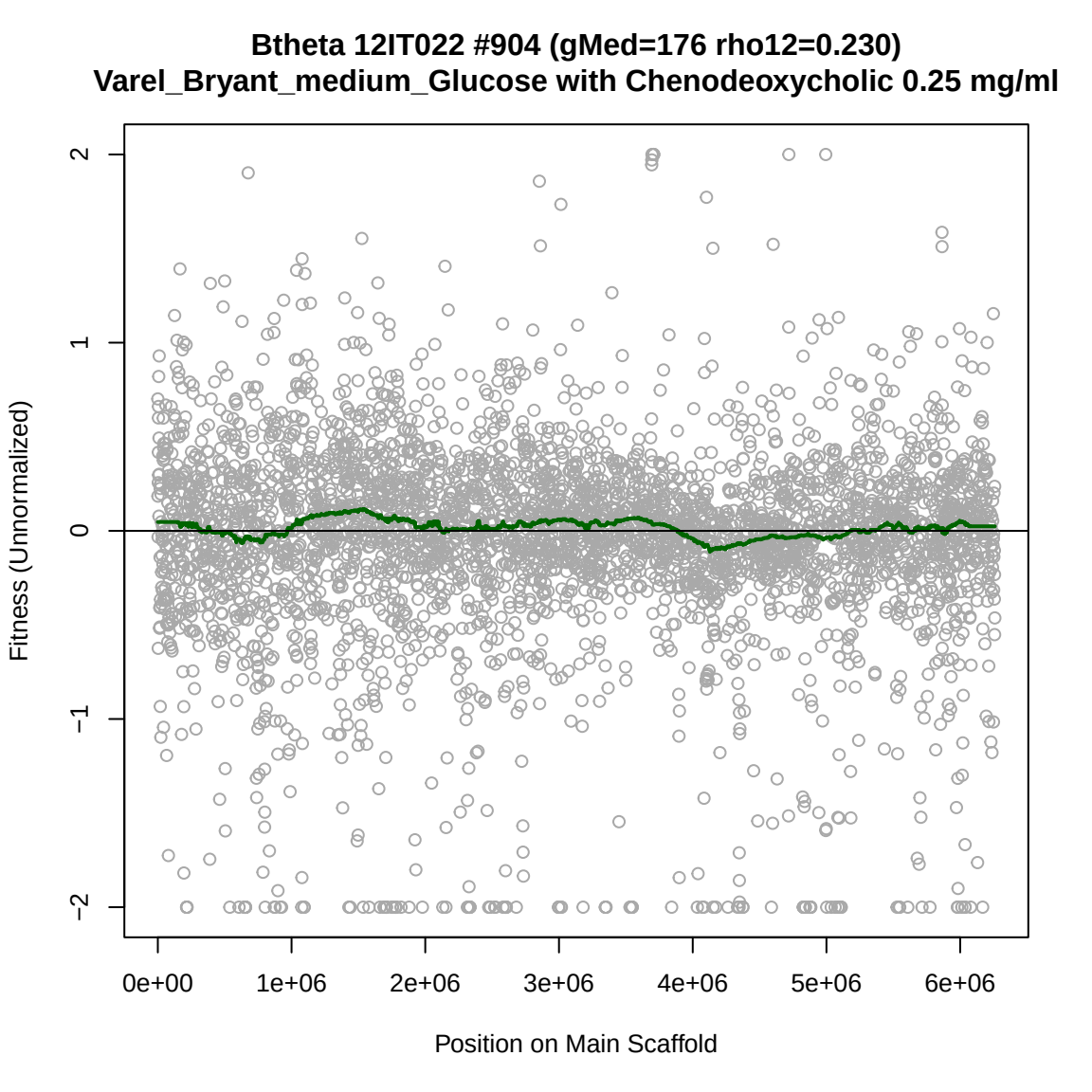

Btheta 12IT017 #899 (gMed=3 rho12=0.020)
Varel_Bryant_medium_Glucose with Indolicidin 0.0035 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

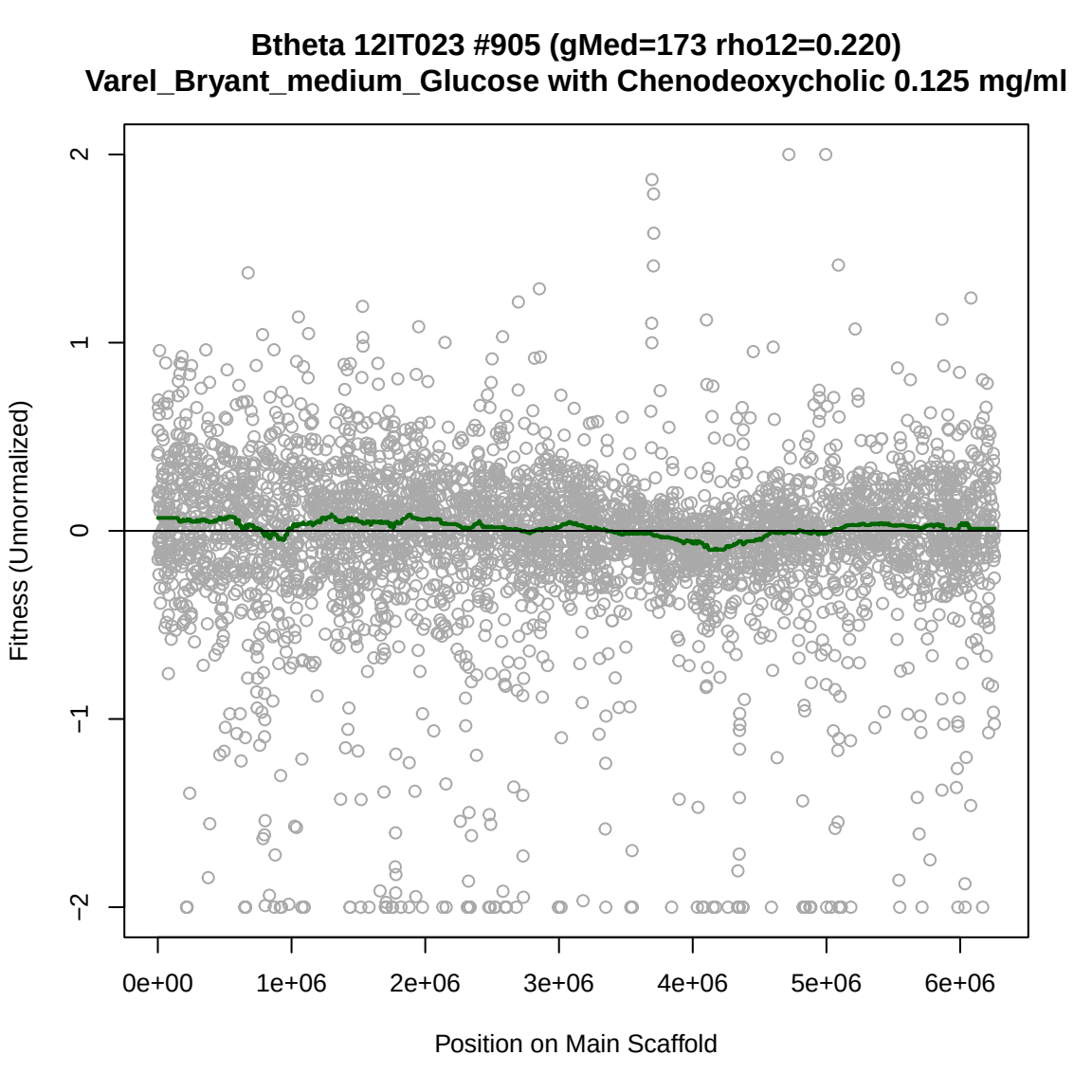

Btheta 12IT018 #900 (gMed=166 rho12=0.228)
Varel_Bryant_medium_Glucose with Indolicidin 0.002 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

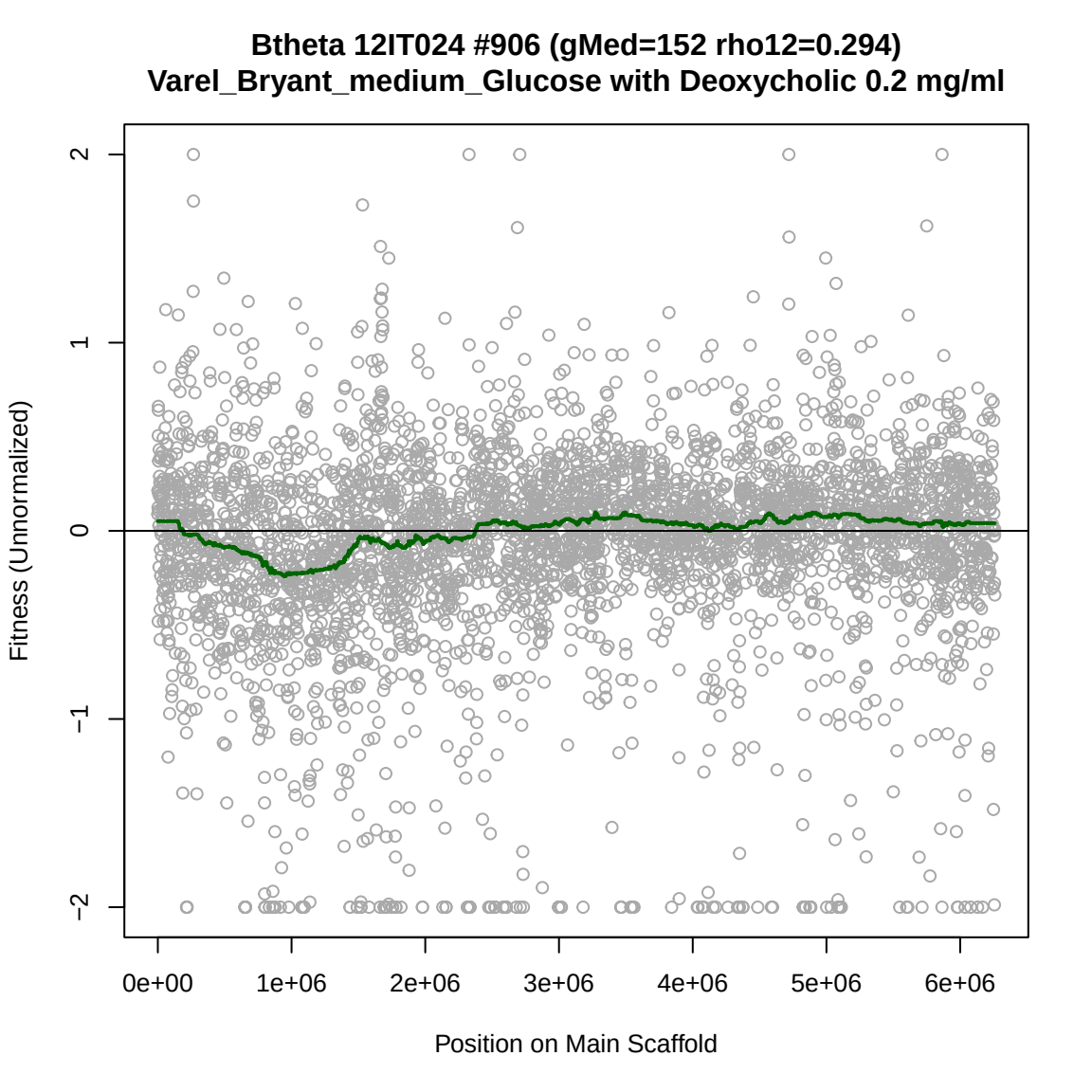

Btheta 12IT019 #901 (gMed=2 rho12=0.019)
Varel_Bryant_medium_Glucose with LL−37 0.005 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

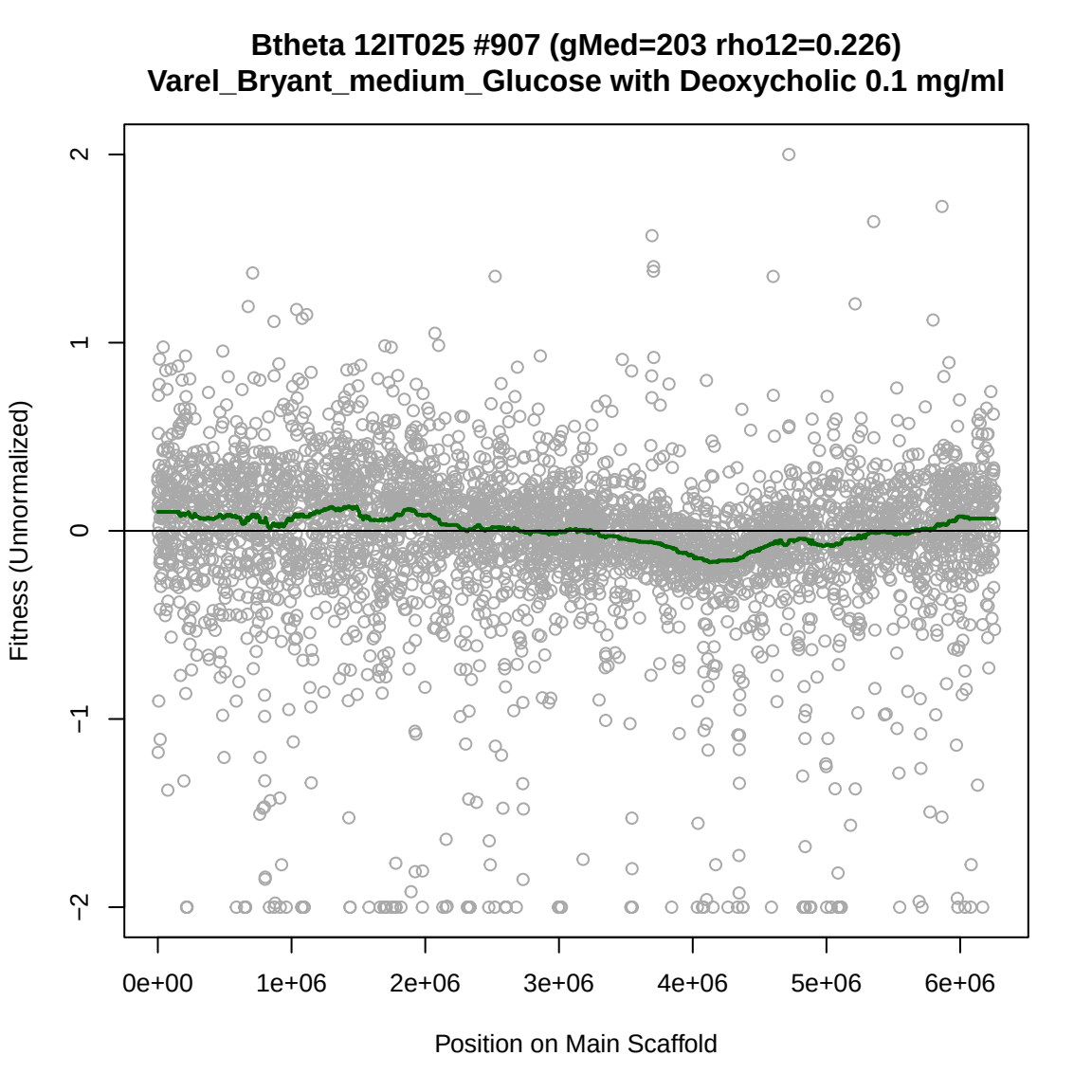

Btheta 12IT020 #902 (gMed=207 rho12=0.132)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

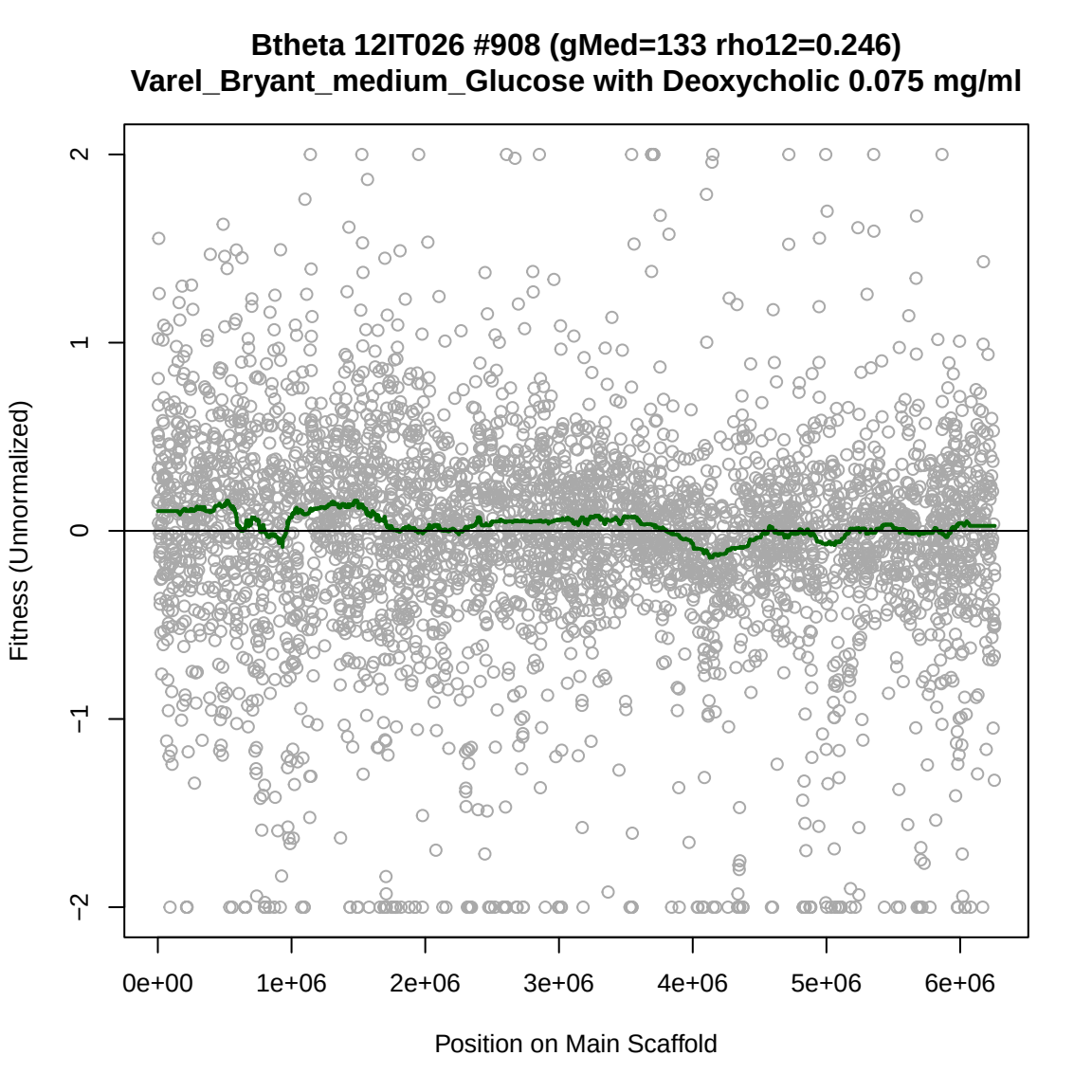

Btheta 12IT021 #903 (gMed=5 rho12=0.088)
Varel_Bryant_medium_Glucose with Chenodeoxycholic 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

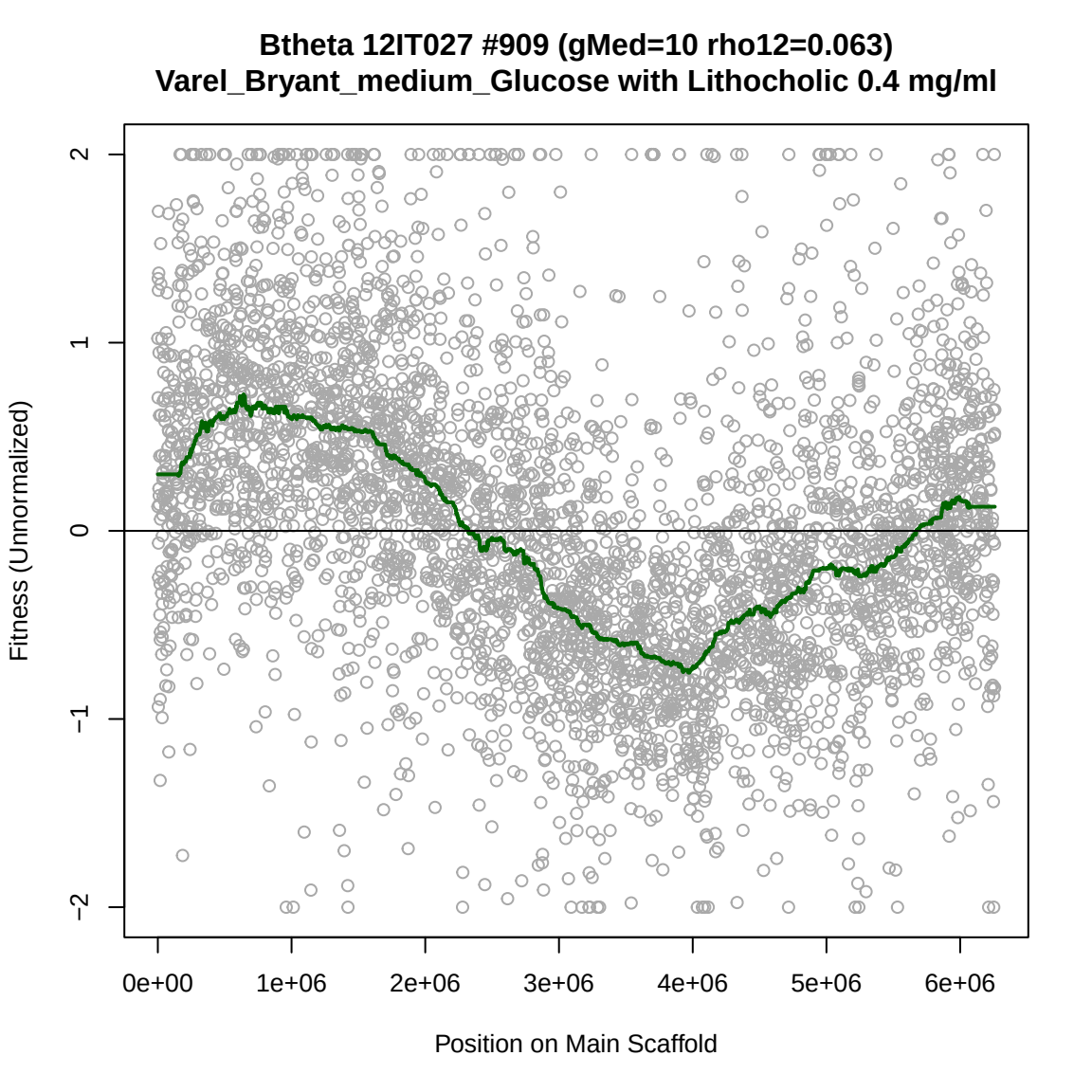

Btheta 12IT022 #904 (gMed=176 rho12=0.230)
Varel_Bryant_medium_Glucose with Chenodeoxycholic 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

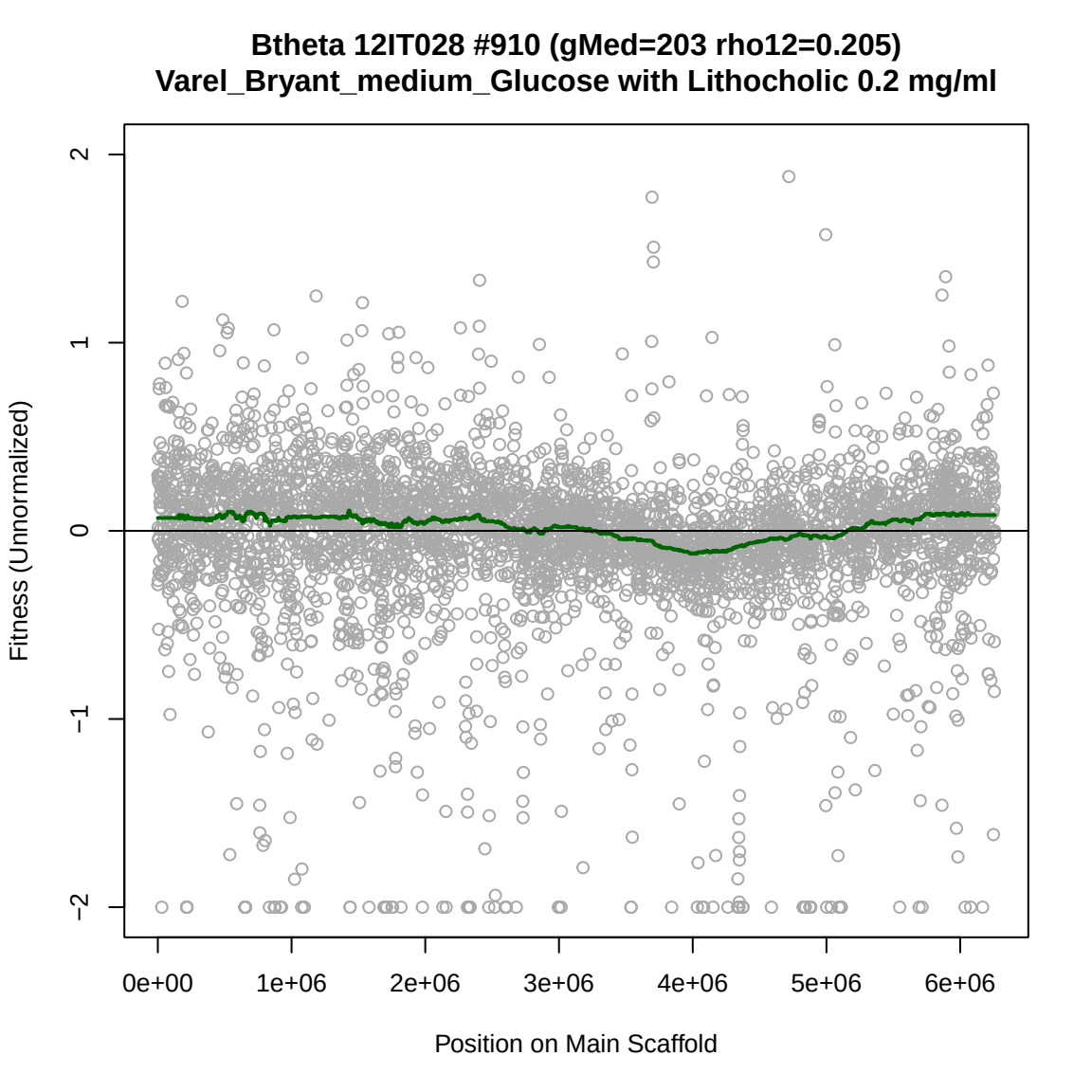

Btheta 12IT023 #905 (gMed=173 rho12=0.220)
Varel_Bryant_medium_Glucose with Chenodeoxycholic 0.125 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

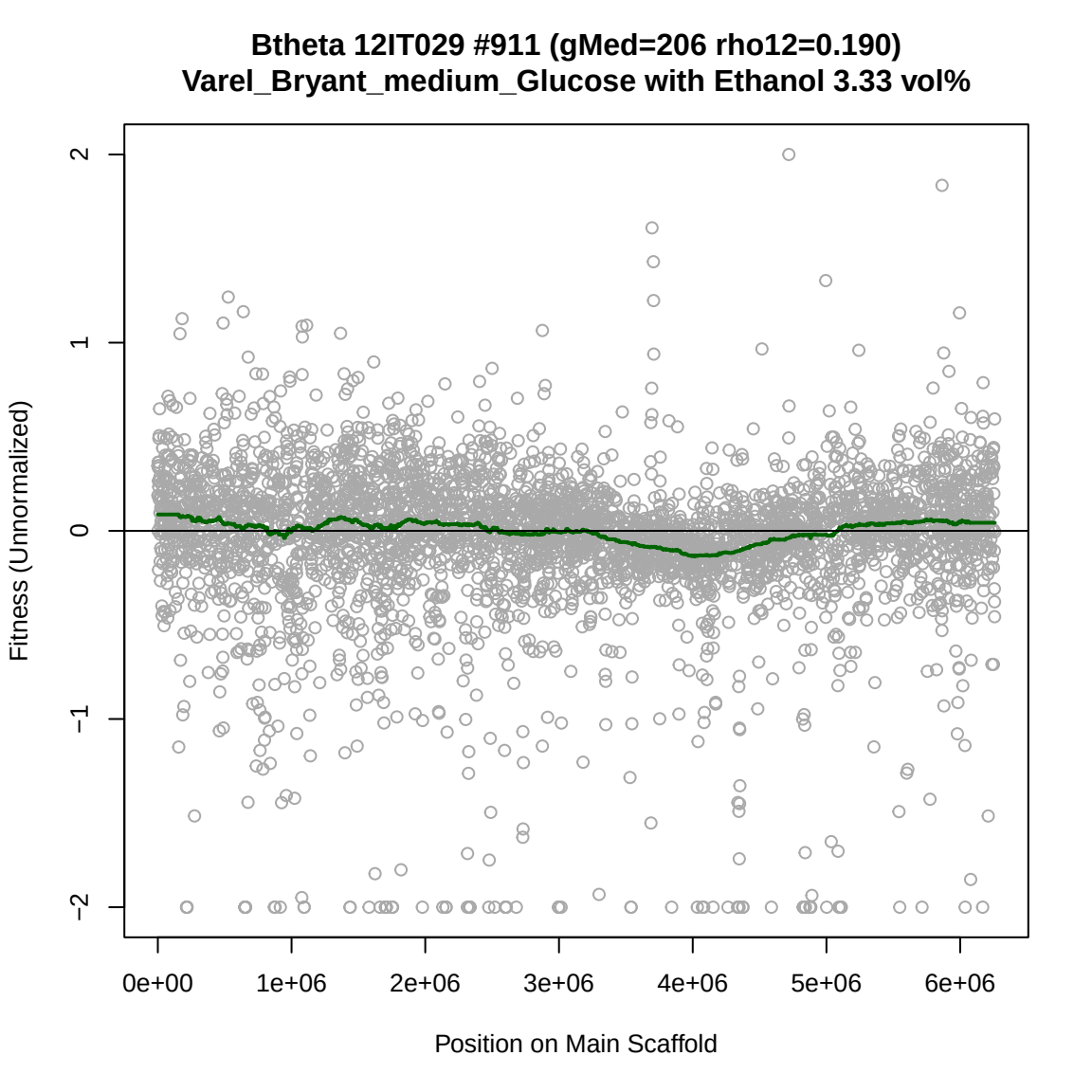

Btheta 12IT024 #906 (gMed=152 rho12=0.294)
Varel_Bryant_medium_Glucose with Deoxycholic 0.2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

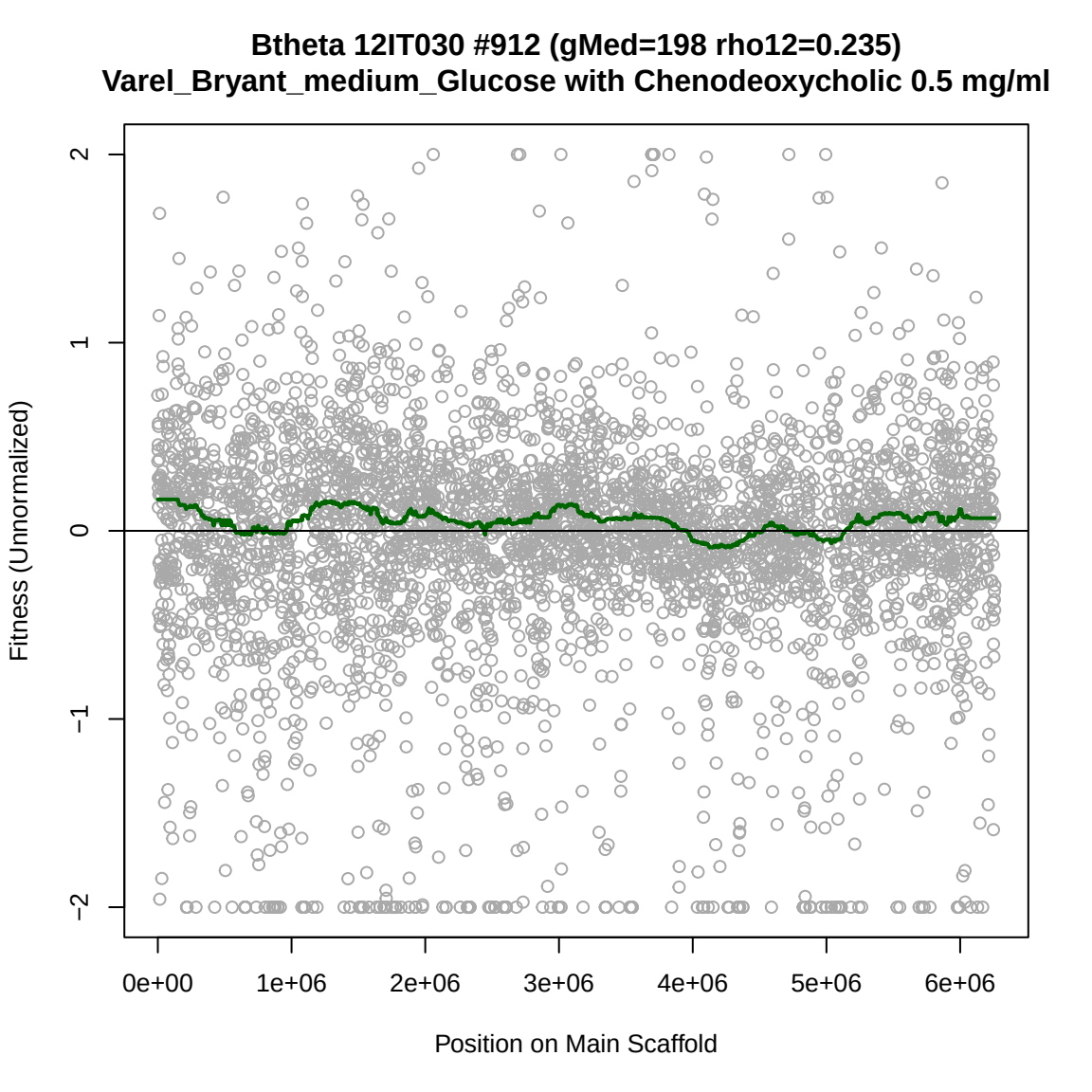

Btheta 12IT025 #907 (gMed=203 rho12=0.226)
Varel_Bryant_medium_Glucose with Deoxycholic 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

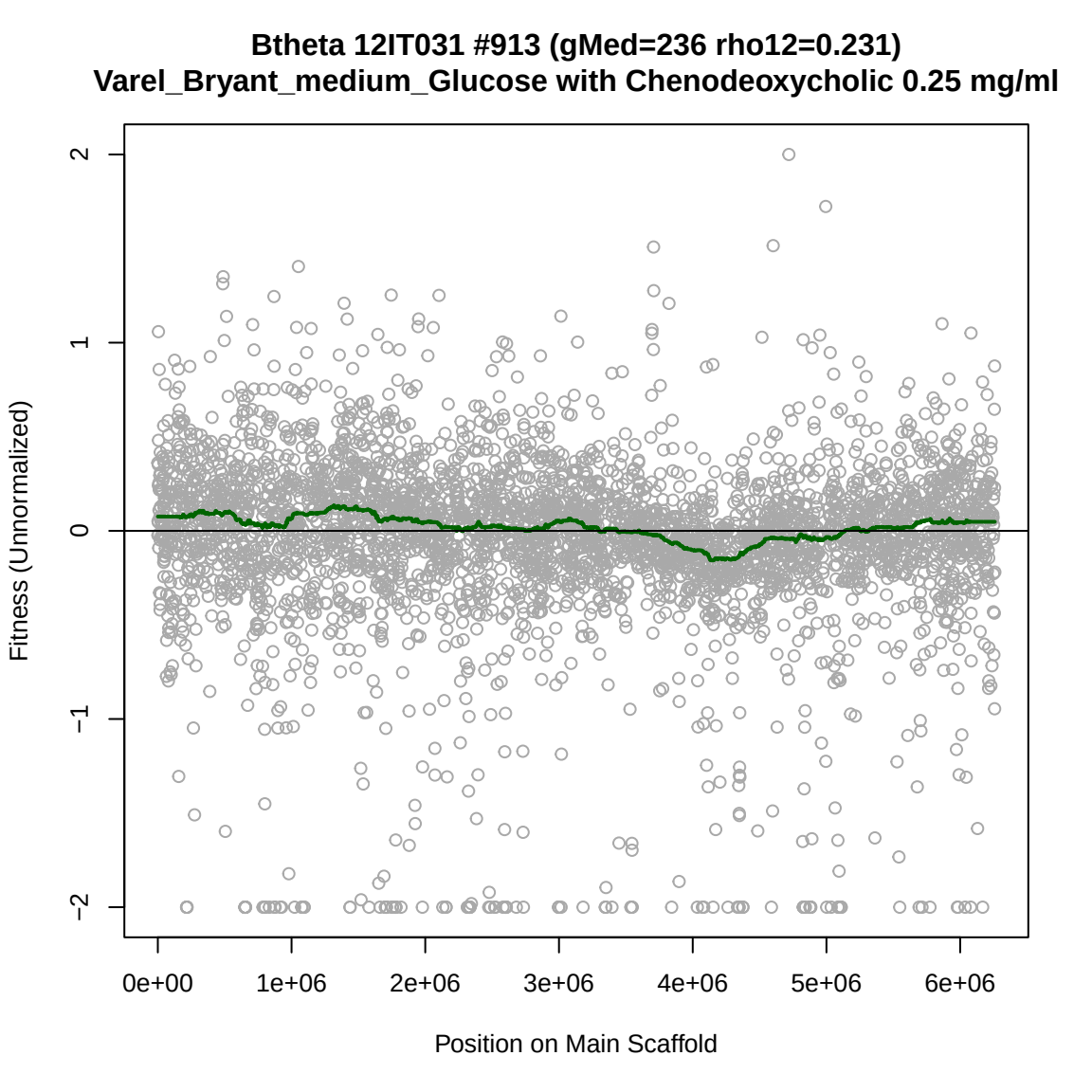

Btheta 12IT026 #908 (gMed=133 rho12=0.246)
Varel_Bryant_medium_Glucose with Deoxycholic 0.075 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

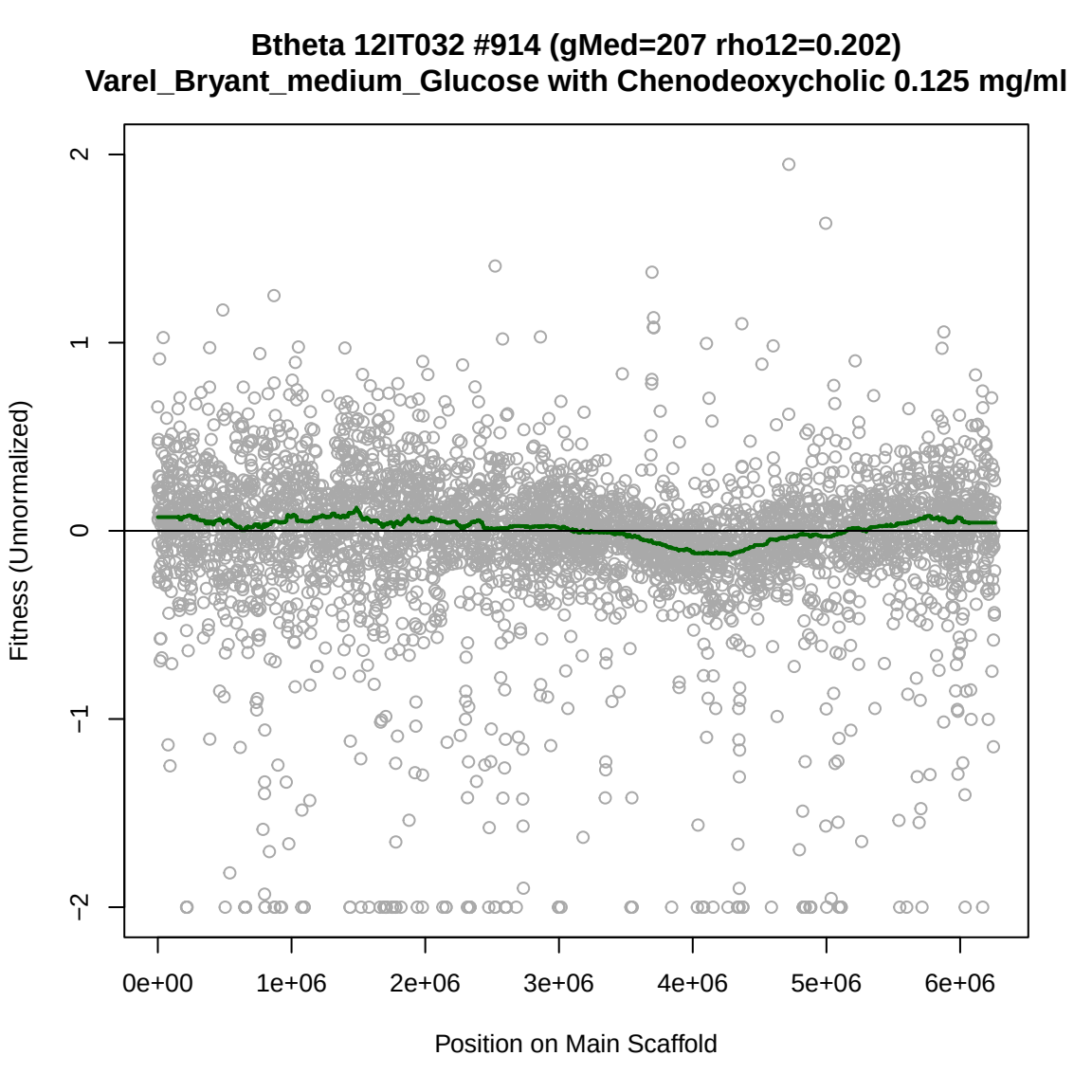

Btheta 12IT027 #909 (gMed=10 rho12=0.063)
Varel_Bryant_medium_Glucose with Lithocholic 0.4 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

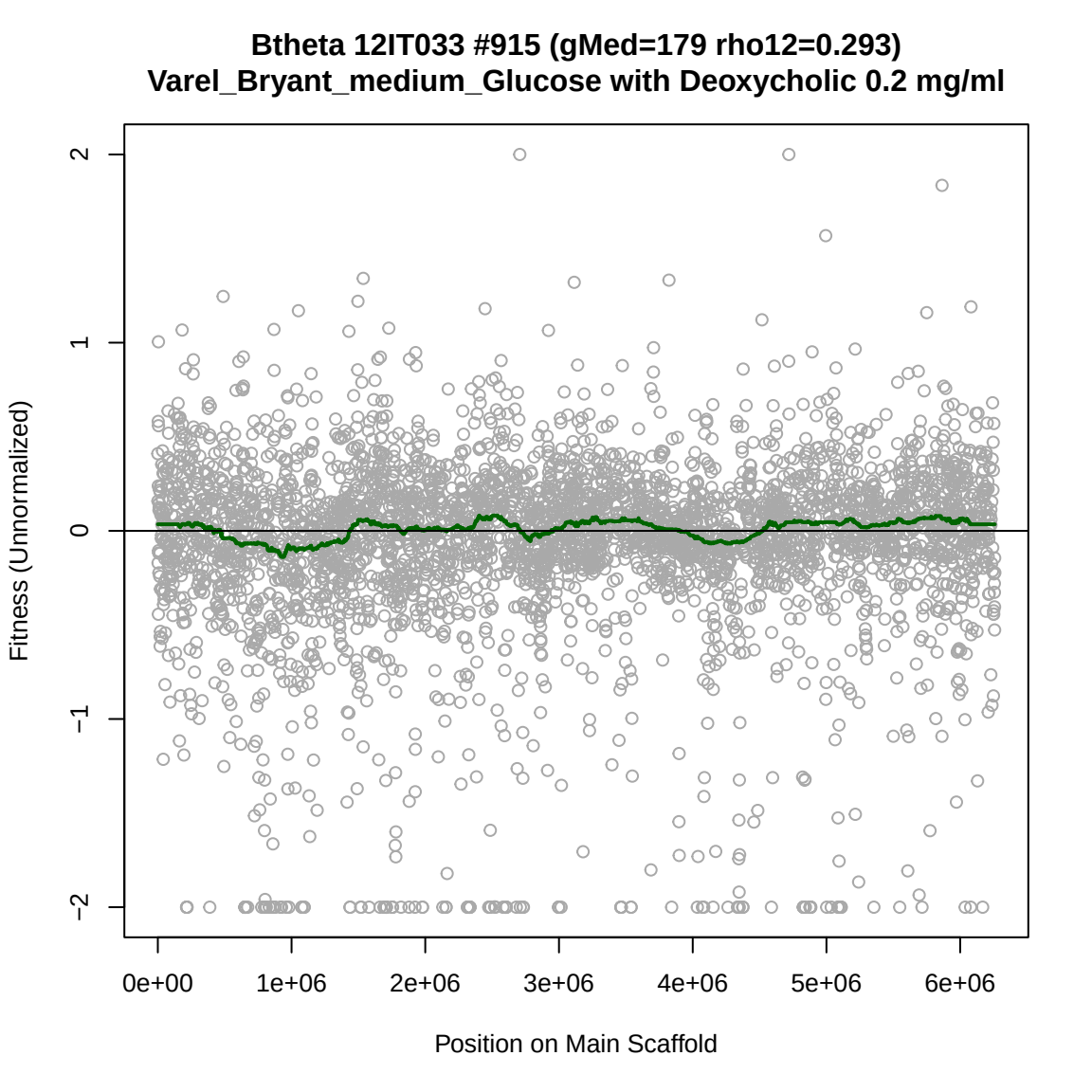

Btheta 12IT028 #910 (gMed=203 rho12=0.205)
Varel_Bryant_medium_Glucose with Lithocholic 0.2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

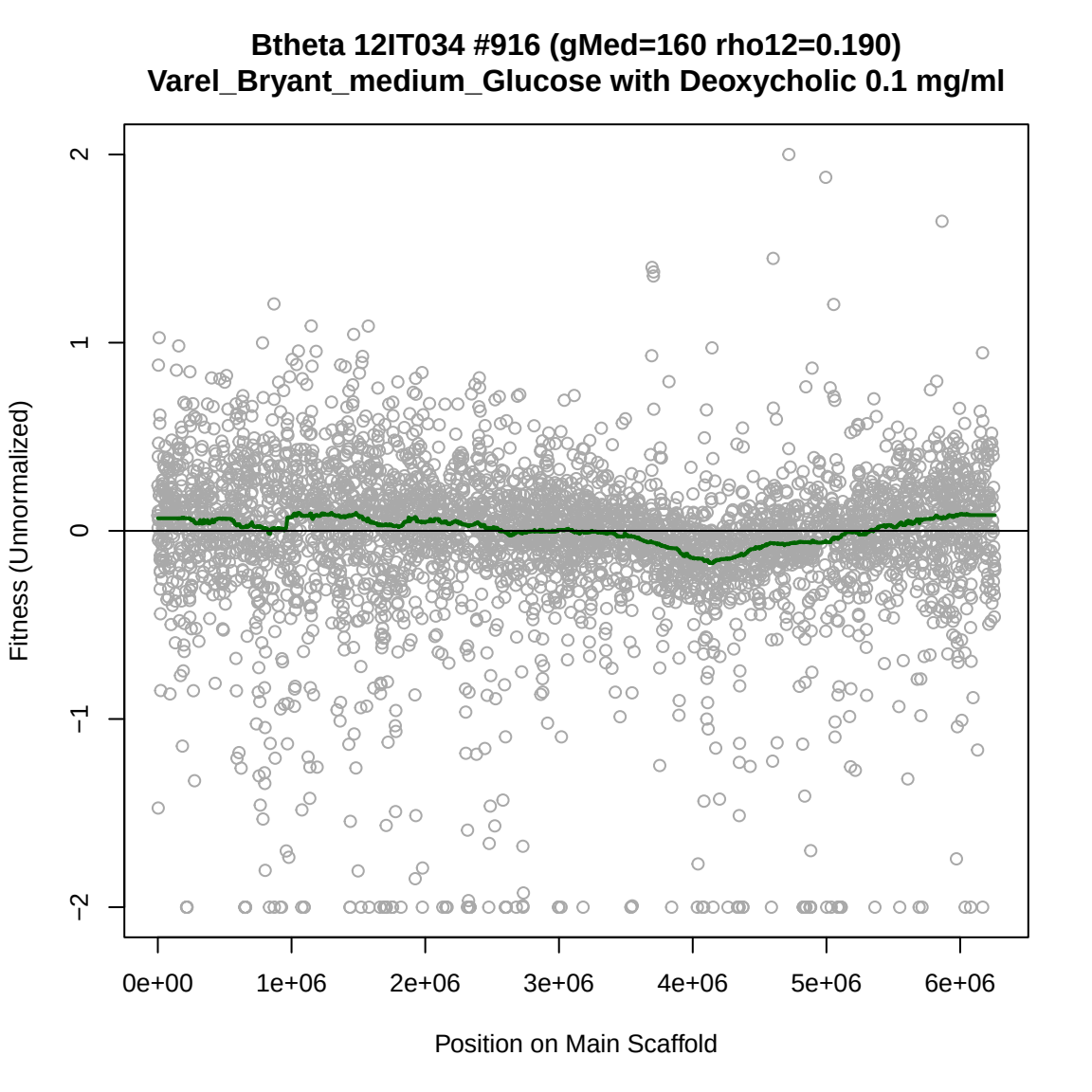

Btheta 12IT029 #911 (gMed=206 rho12=0.190)
Varel_Bryant_medium_Glucose with Ethanol 3.33 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

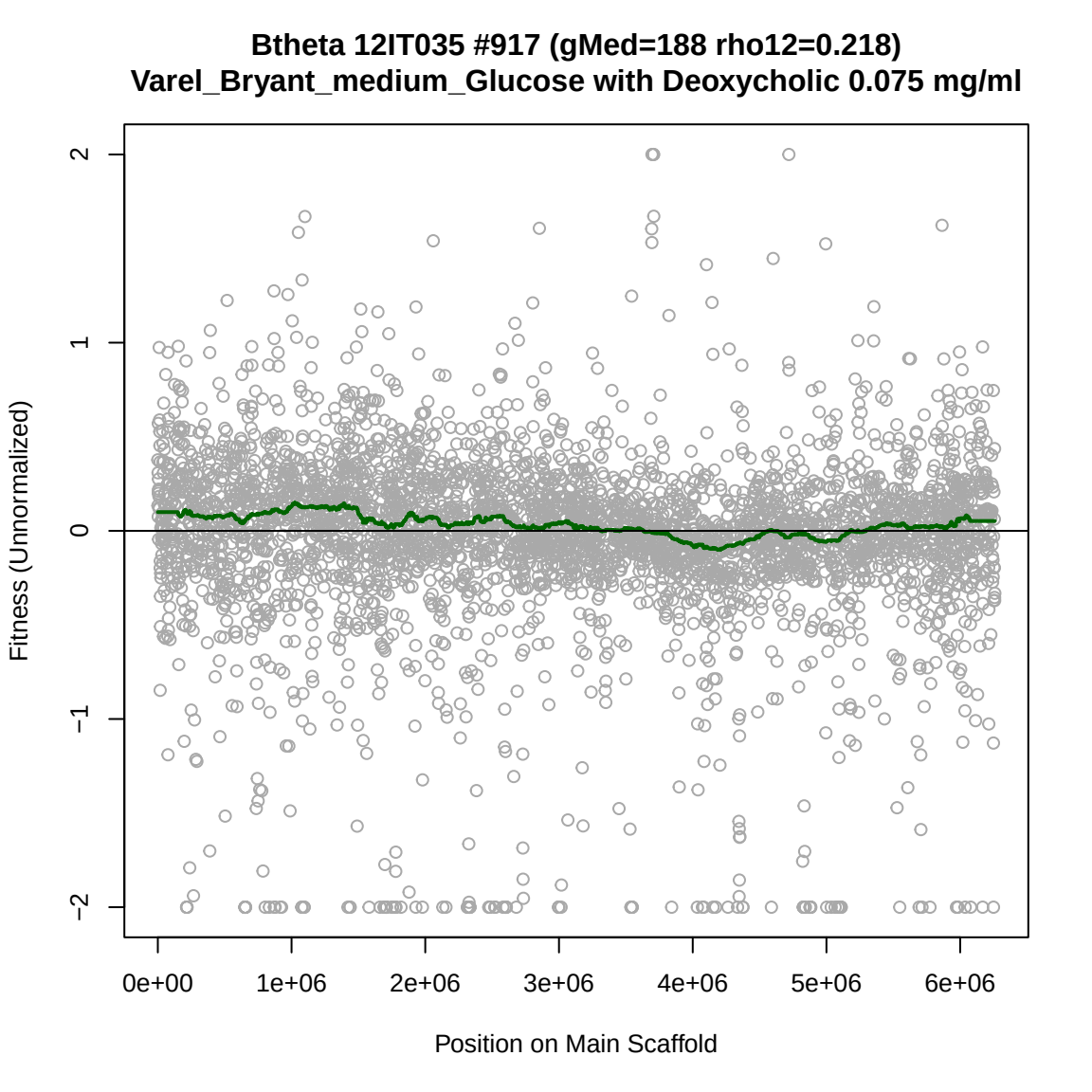

Btheta 12IT030 #912 (gMed=198 rho12=0.235)
Varel_Bryant_medium_Glucose with Chenodeoxycholic 0.5 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

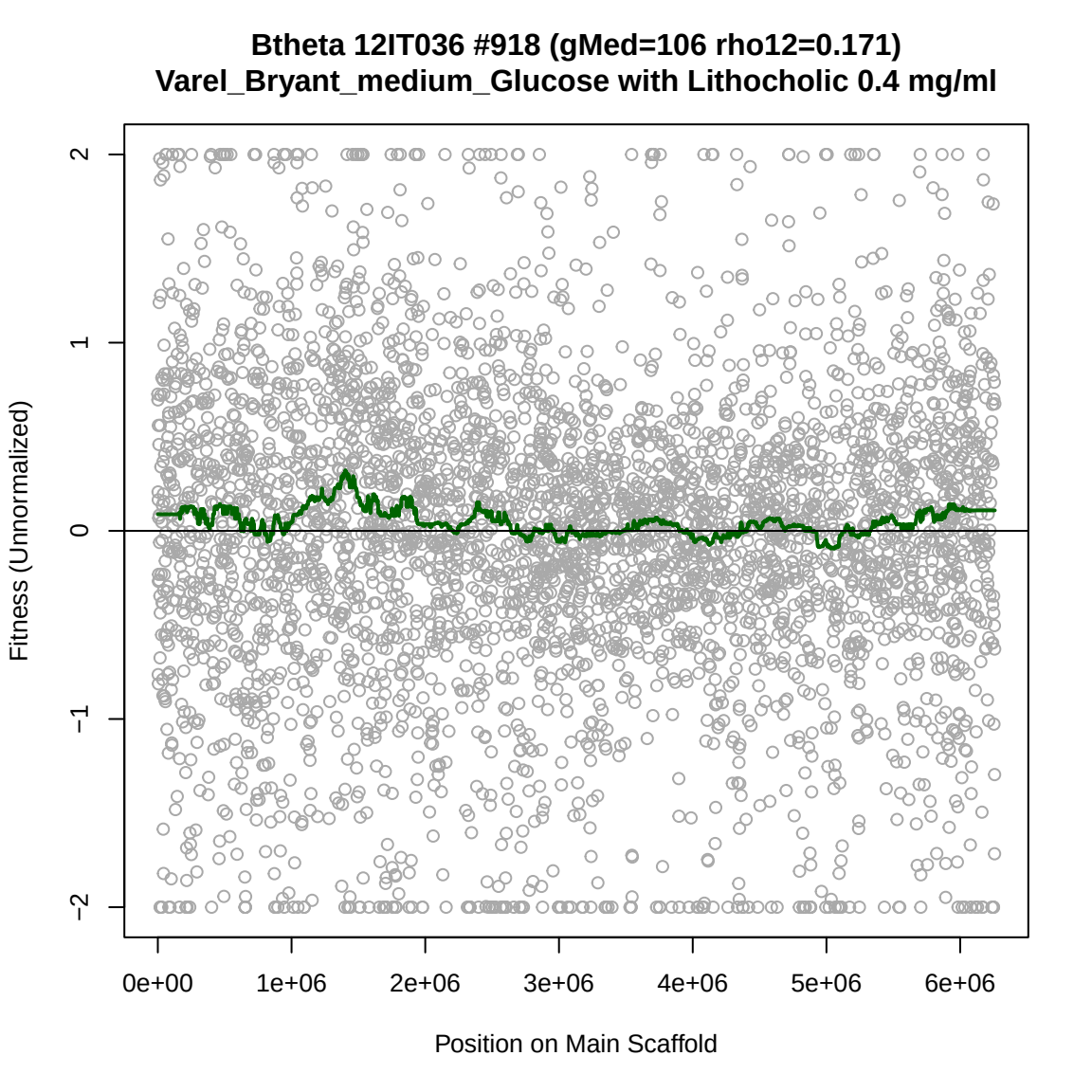

Btheta 12IT031 #913 (gMed=236 rho12=0.231)
Varel_Bryant_medium_Glucose with Chenodeoxycholic 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

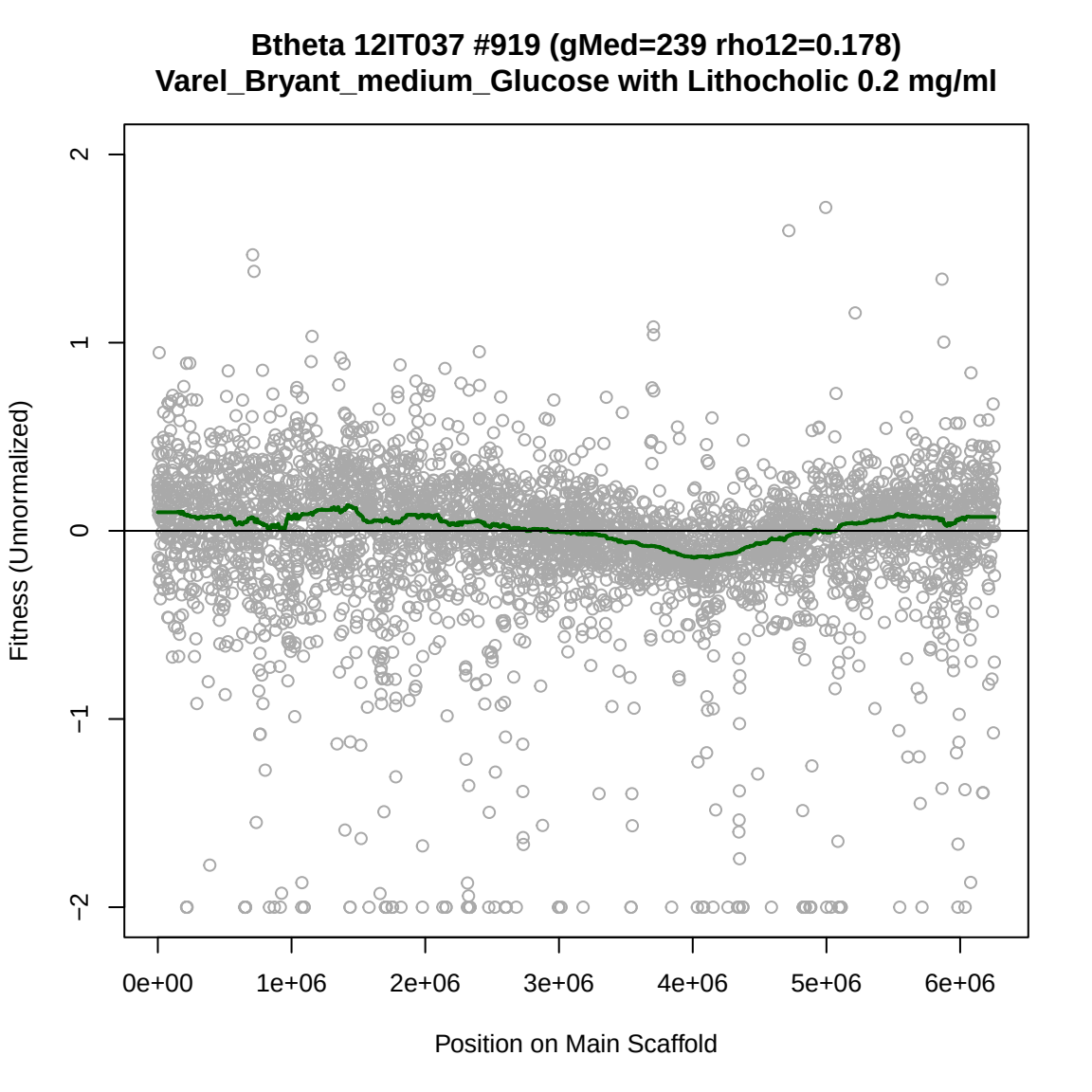

Btheta 12IT032 #914 (gMed=207 rho12=0.202)
Varel_Bryant_medium_Glucose with Chenodeoxycholic 0.125 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

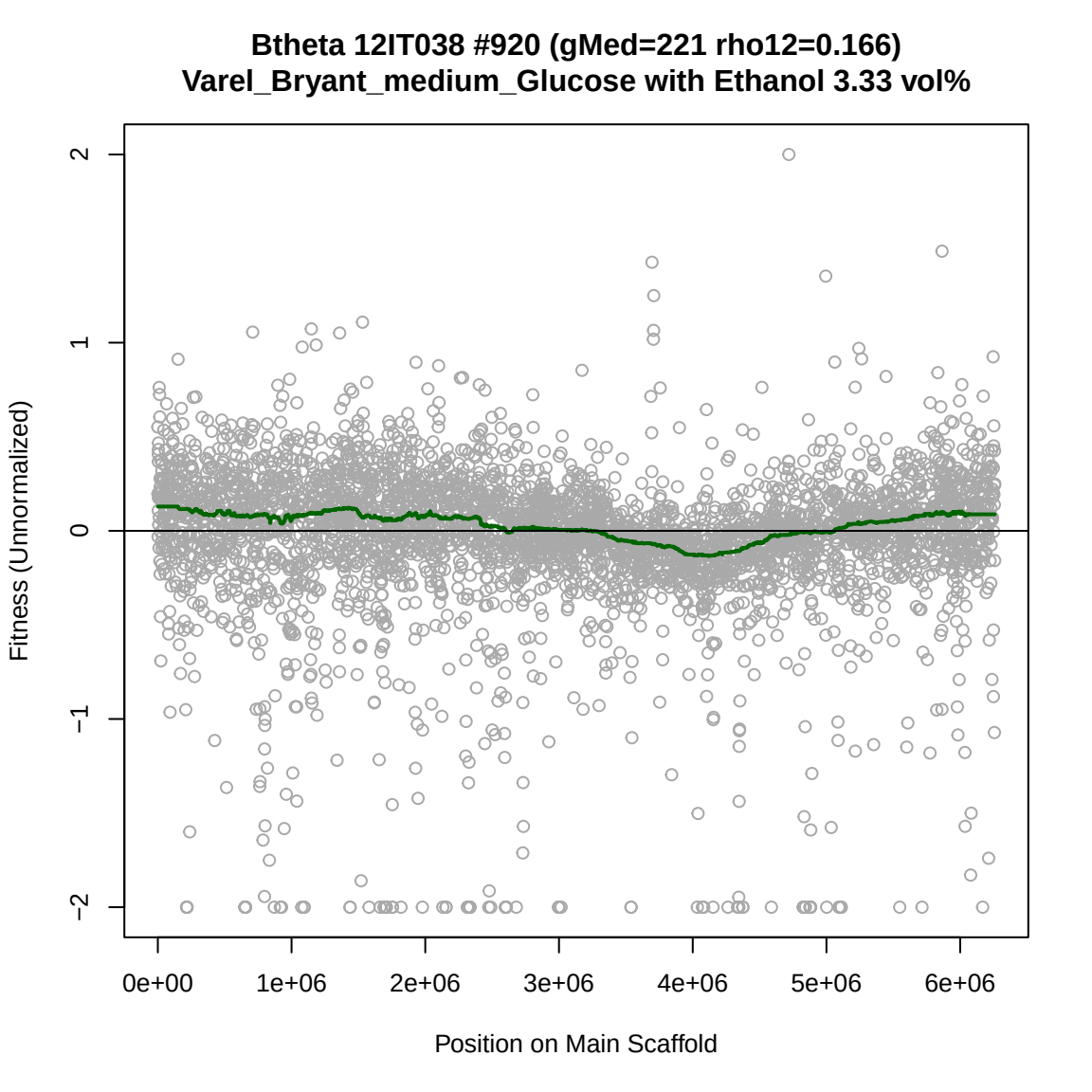

Btheta 12IT033 #915 (gMed=179 rho12=0.293)
Varel_Bryant_medium_Glucose with Deoxycholic 0.2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

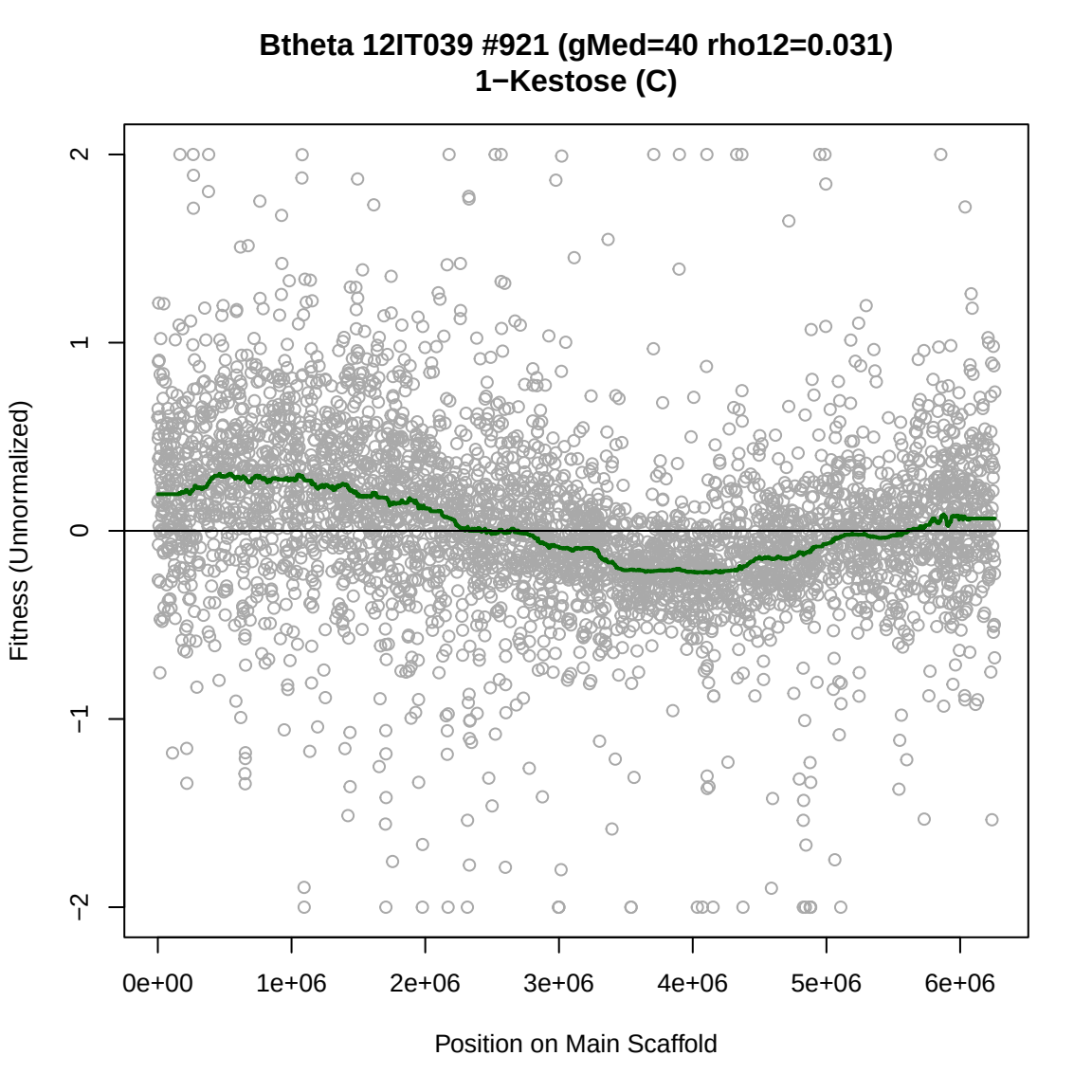

Btheta 12IT034 #916 (gMed=160 rho12=0.190)
Varel_Bryant_medium_Glucose with Deoxycholic 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

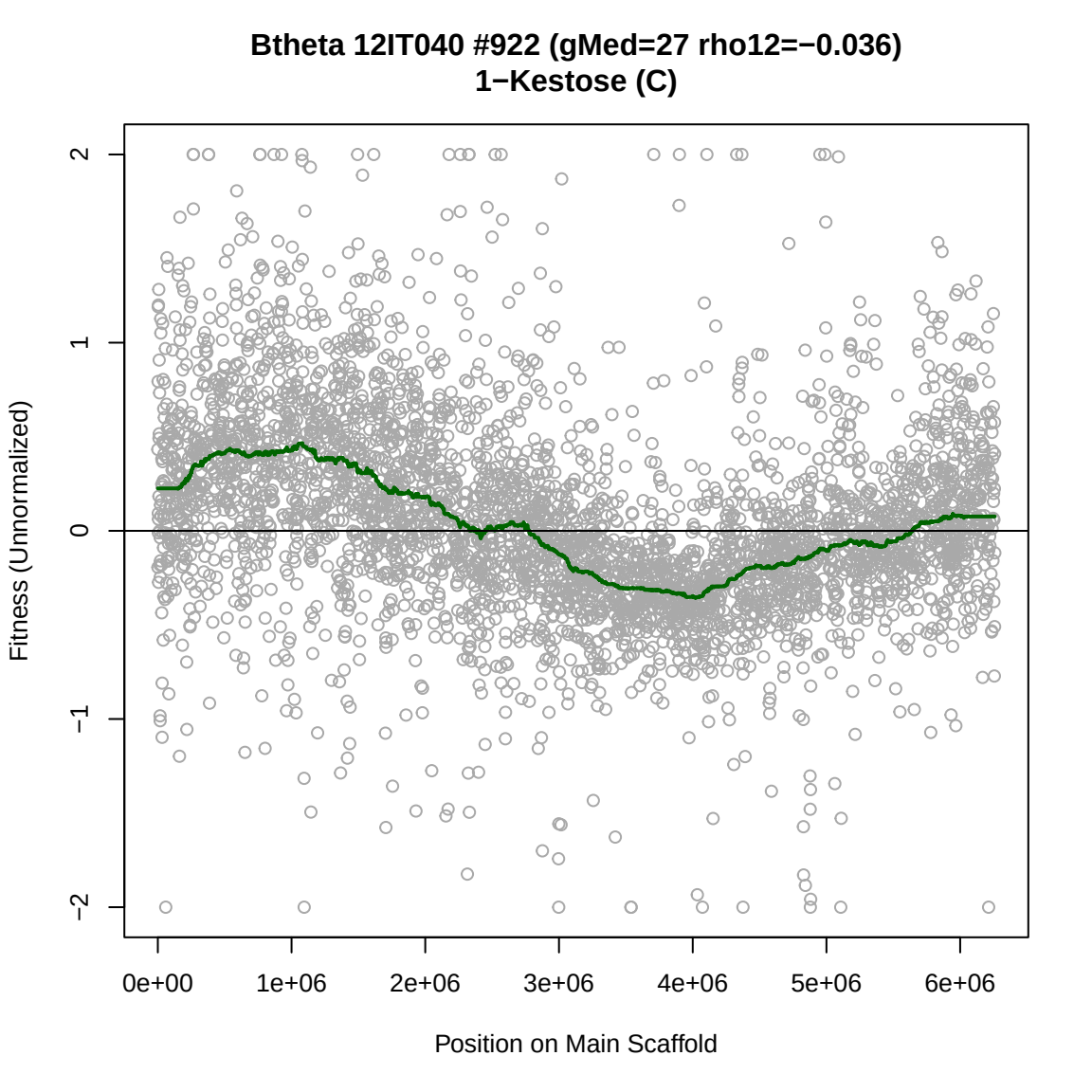

Btheta 12IT035 #917 (gMed=188 rho12=0.218)
Varel_Bryant_medium_Glucose with Deoxycholic 0.075 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

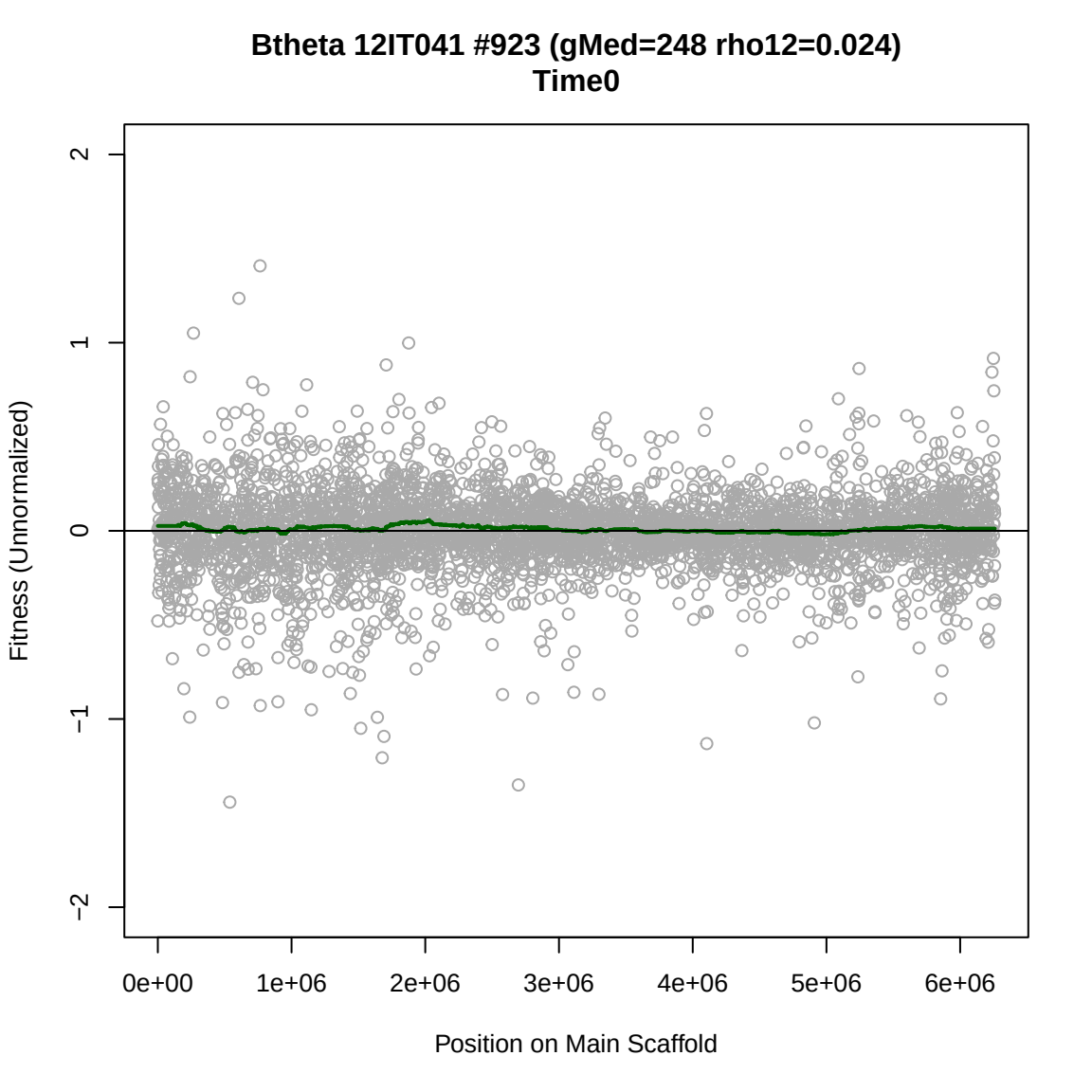

Btheta 12IT036 #918 (gMed=106 rho12=0.171)
Varel_Bryant_medium_Glucose with Lithocholic 0.4 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

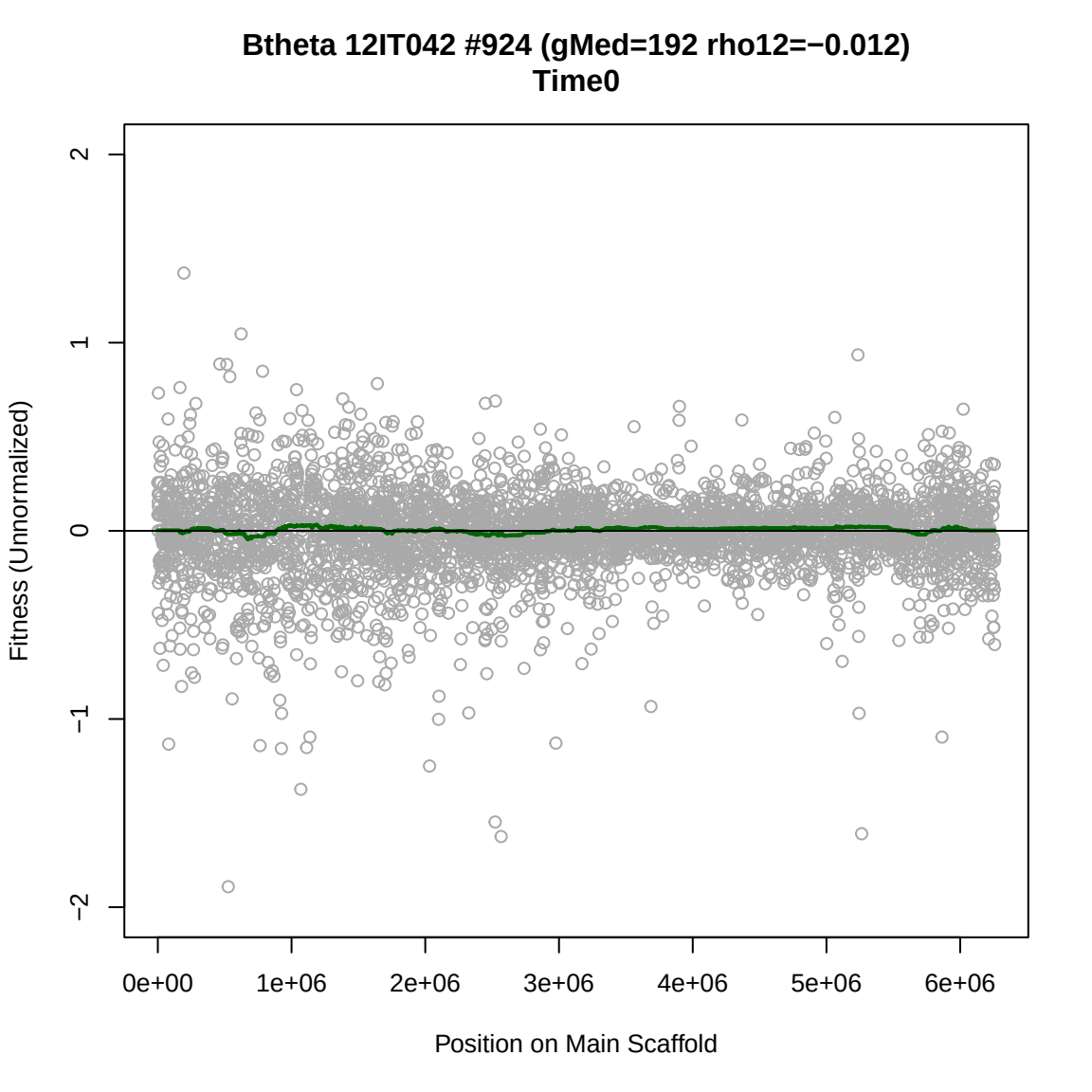

Btheta 12IT037 #919 (gMed=239 rho12=0.178)
Varel_Bryant_medium_Glucose with Lithocholic 0.2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

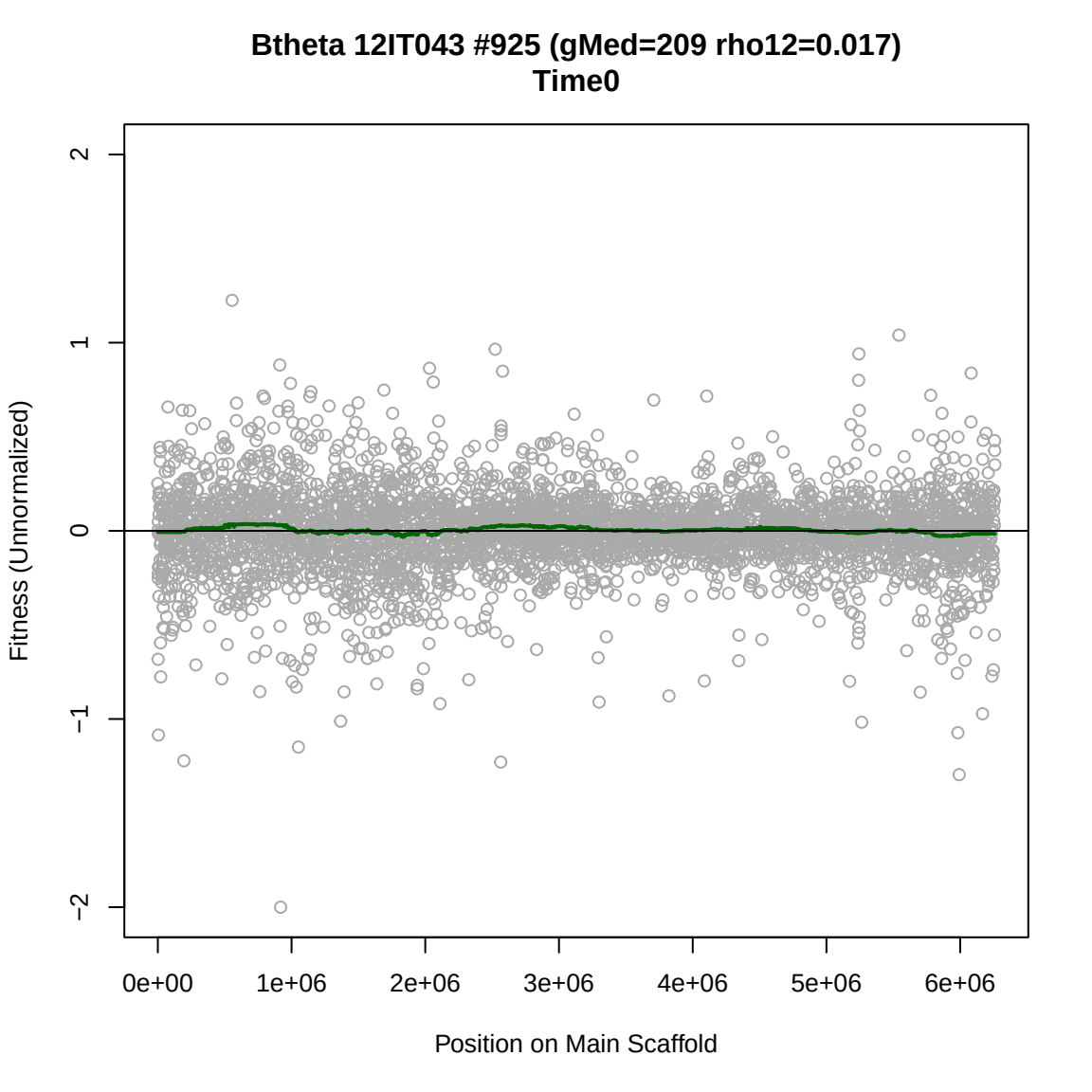

Btheta 12IT038 #920 (gMed=221 rho12=0.166)
Varel_Bryant_medium_Glucose with Ethanol 3.33 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

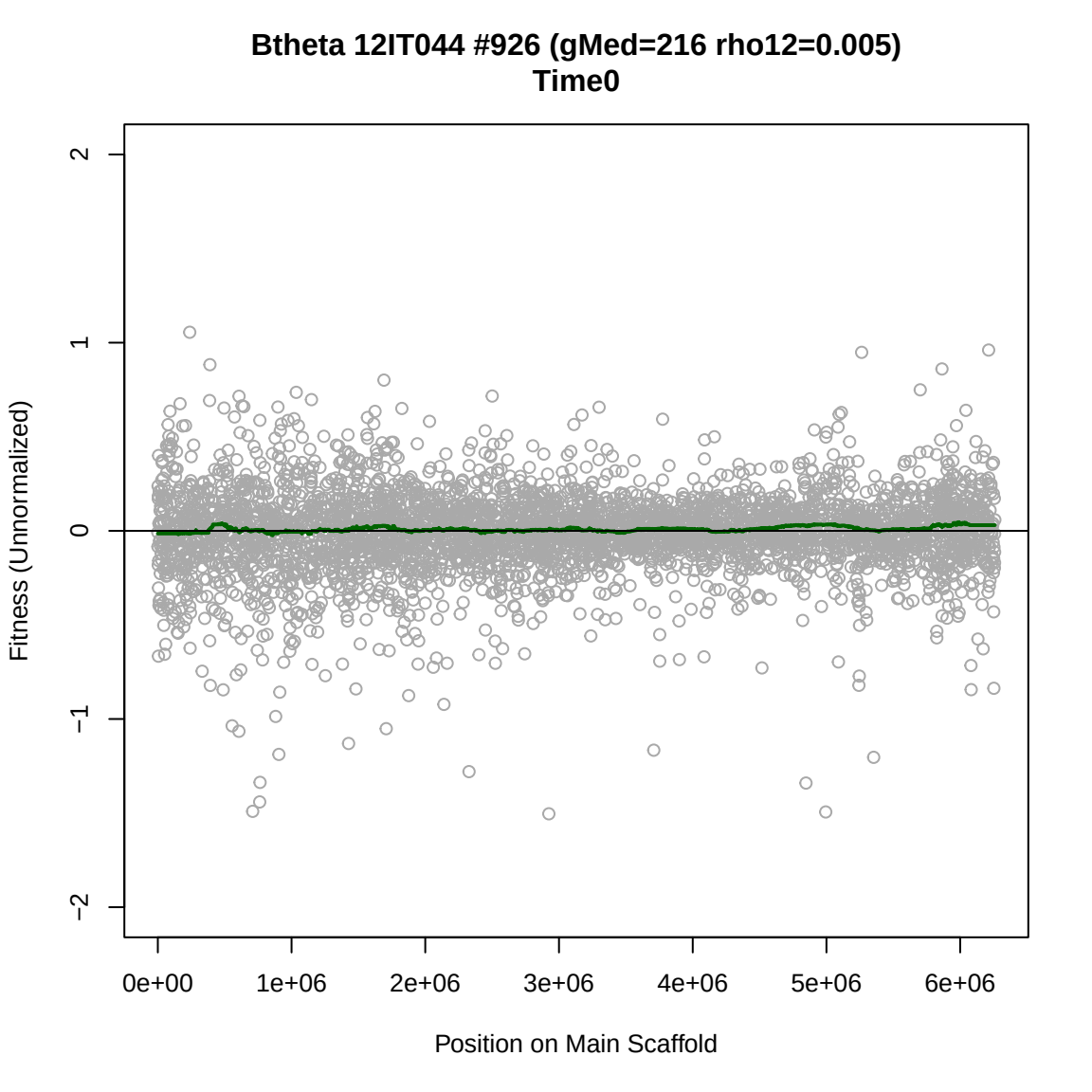

Btheta 12IT039 #921 (gMed=40 rho12=0.031)
1−Kestose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

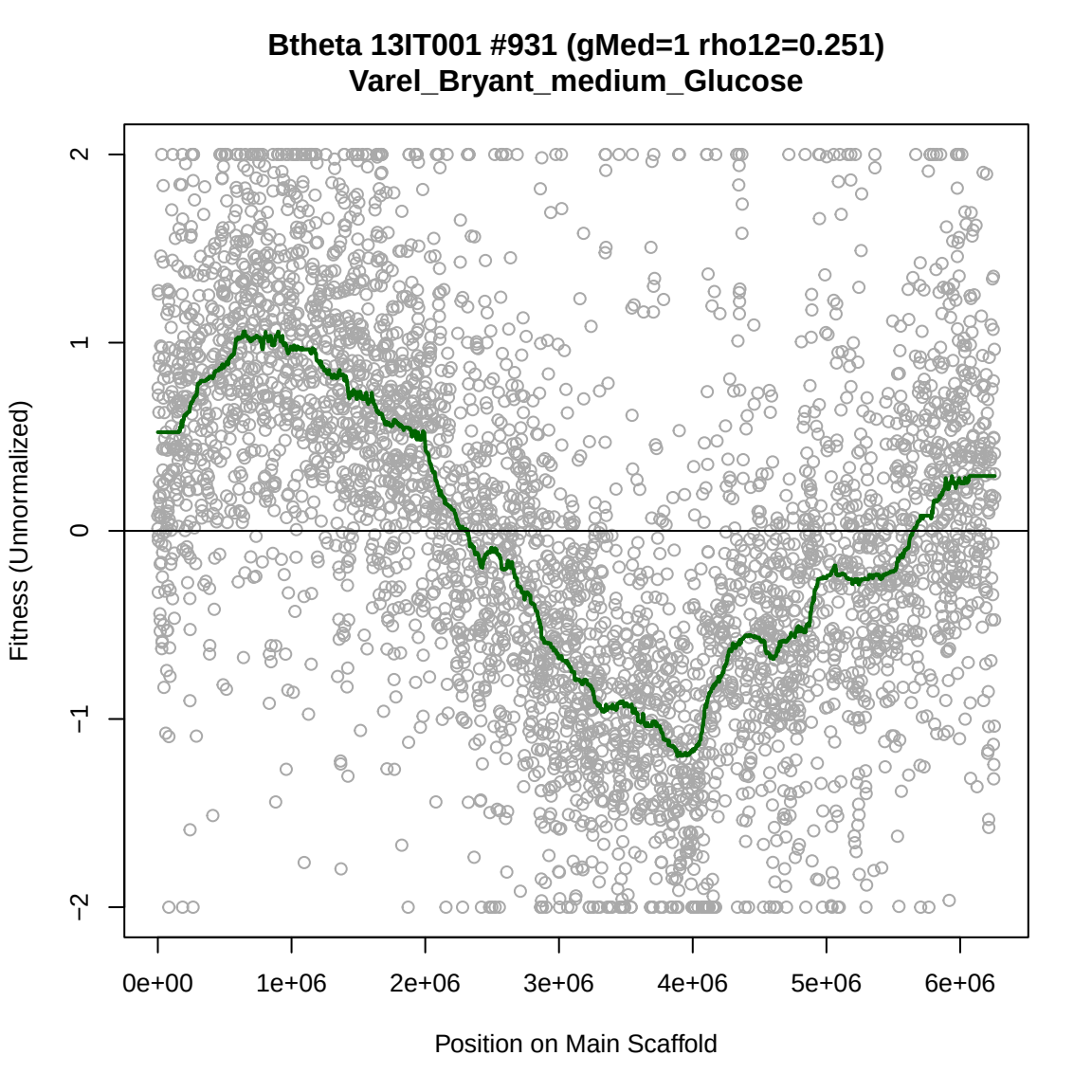

Btheta 12IT040 #922 (gMed=27 rho12=−0.036)
1−Kestose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

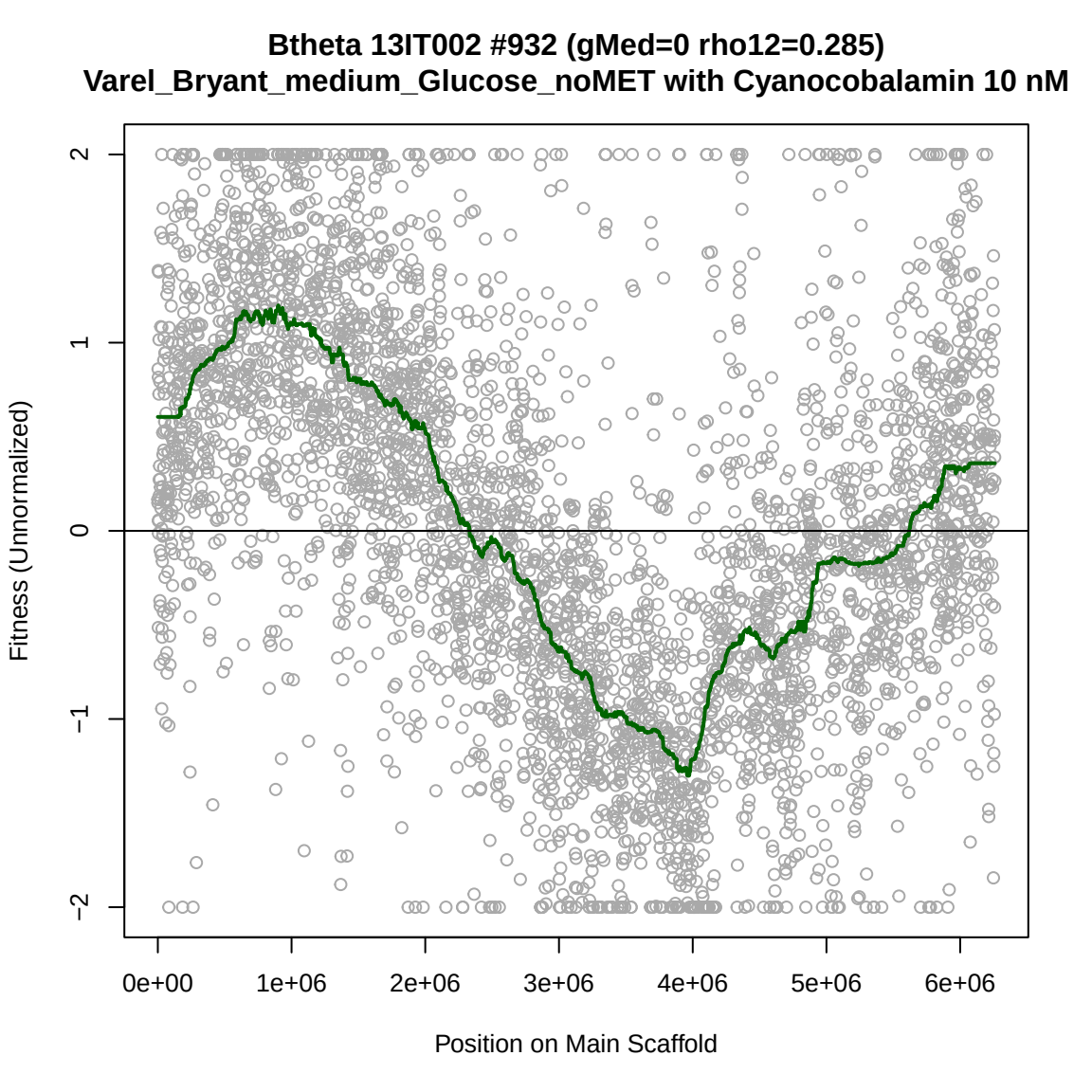

Btheta 12IT041 #923 (gMed=248 rho12=0.024)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

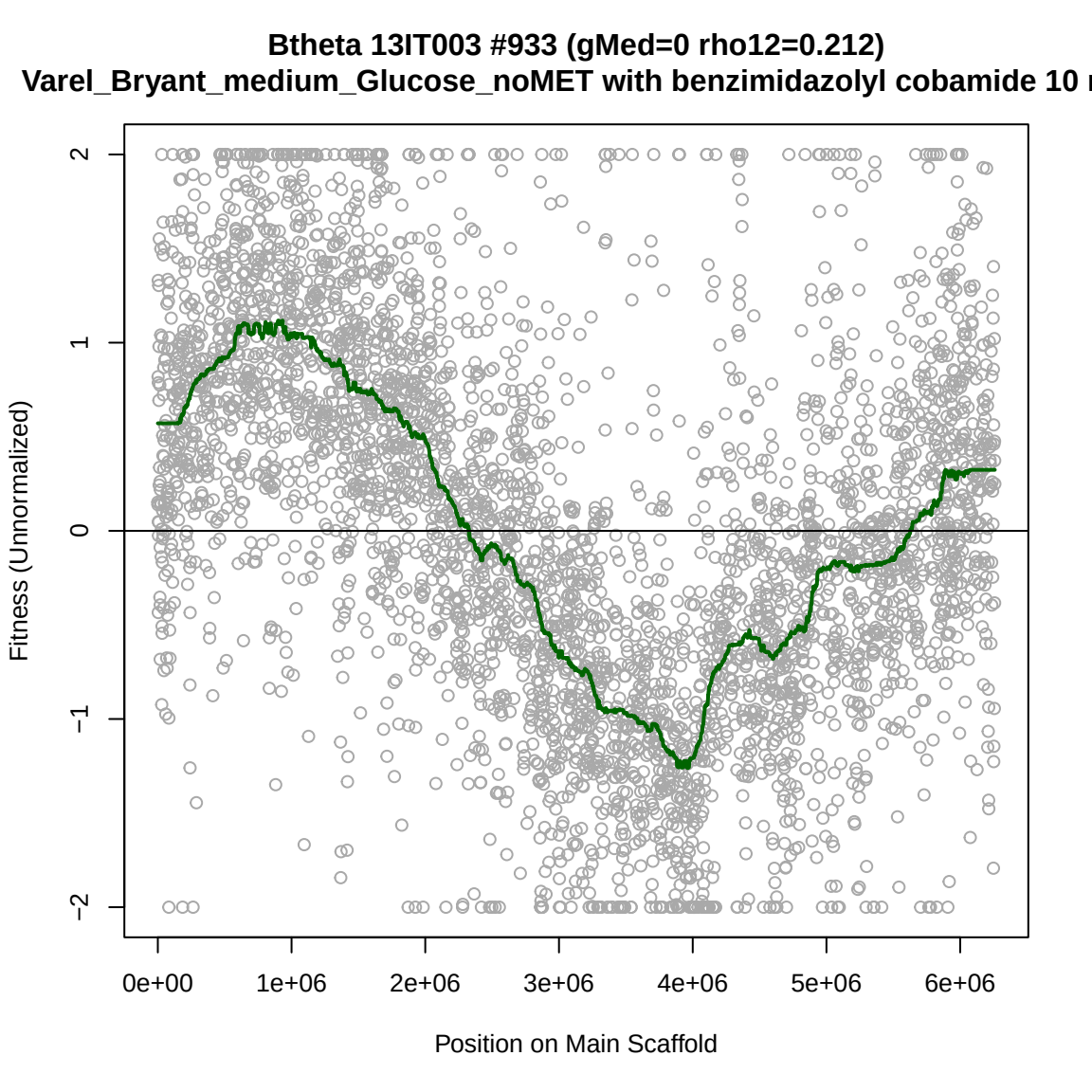

Btheta 12IT042 #924 (gMed=192 rho12=−0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

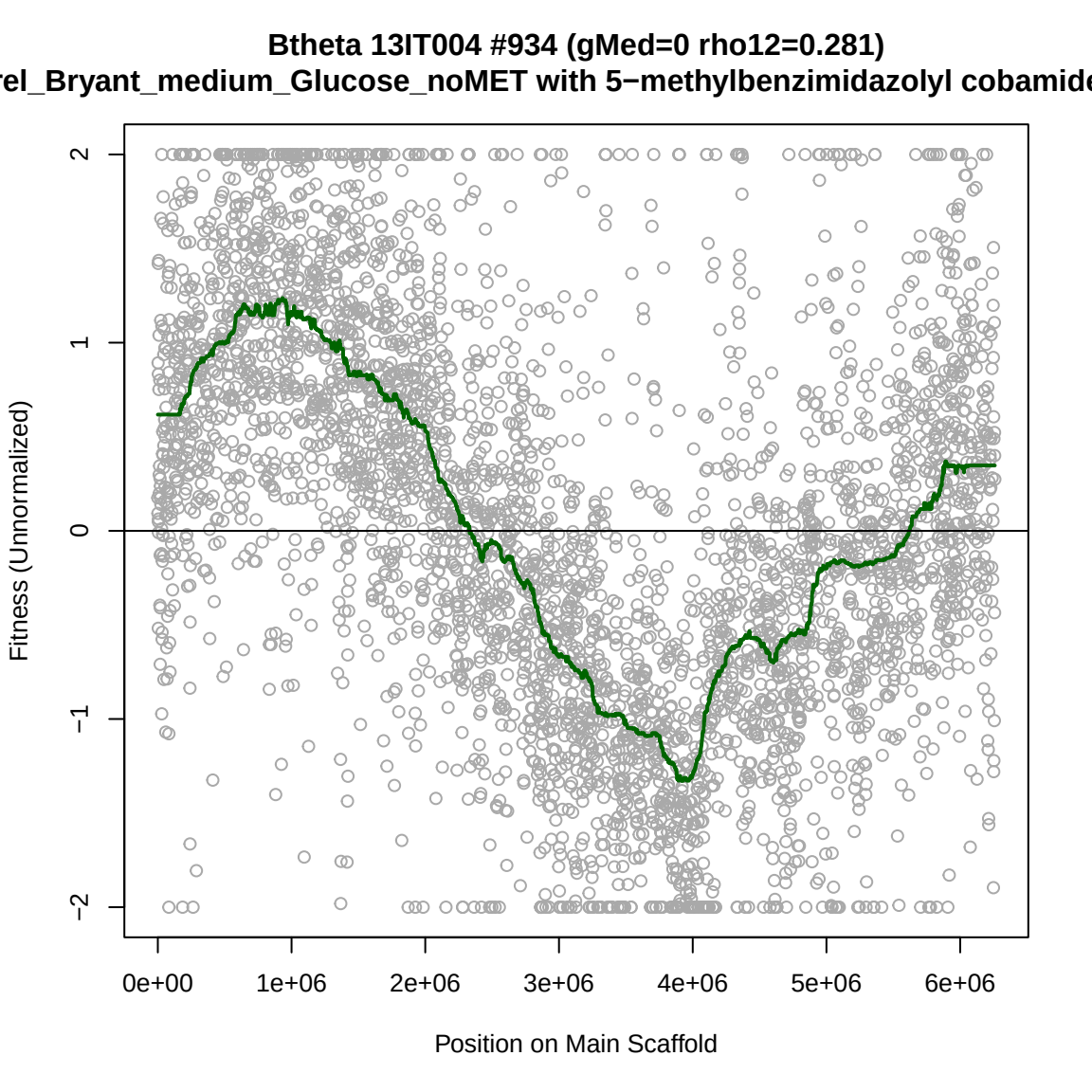

Btheta 12IT043 #925 (gMed=209 rho12=0.017)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

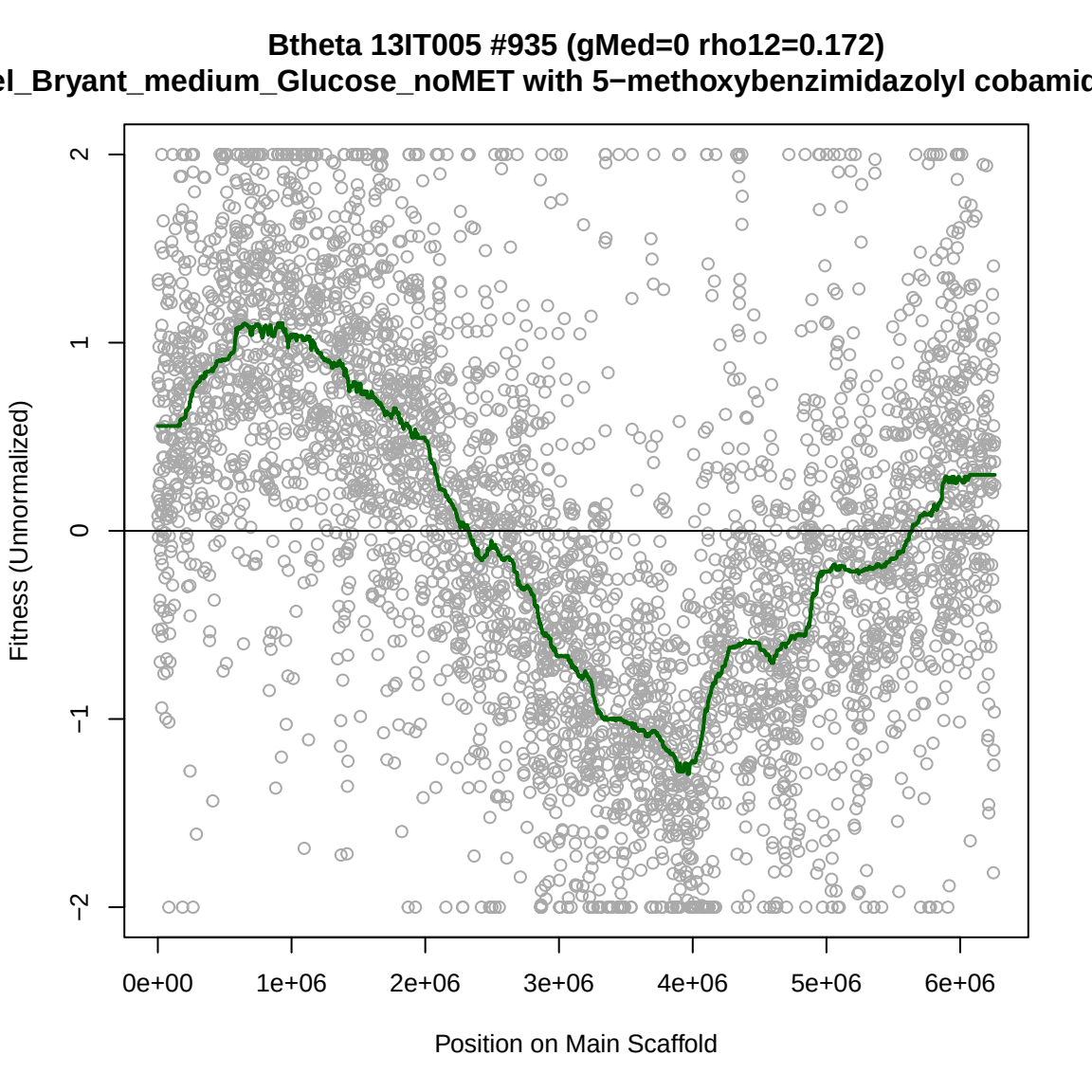

Btheta 12IT044 #926 (gMed=216 rho12=0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

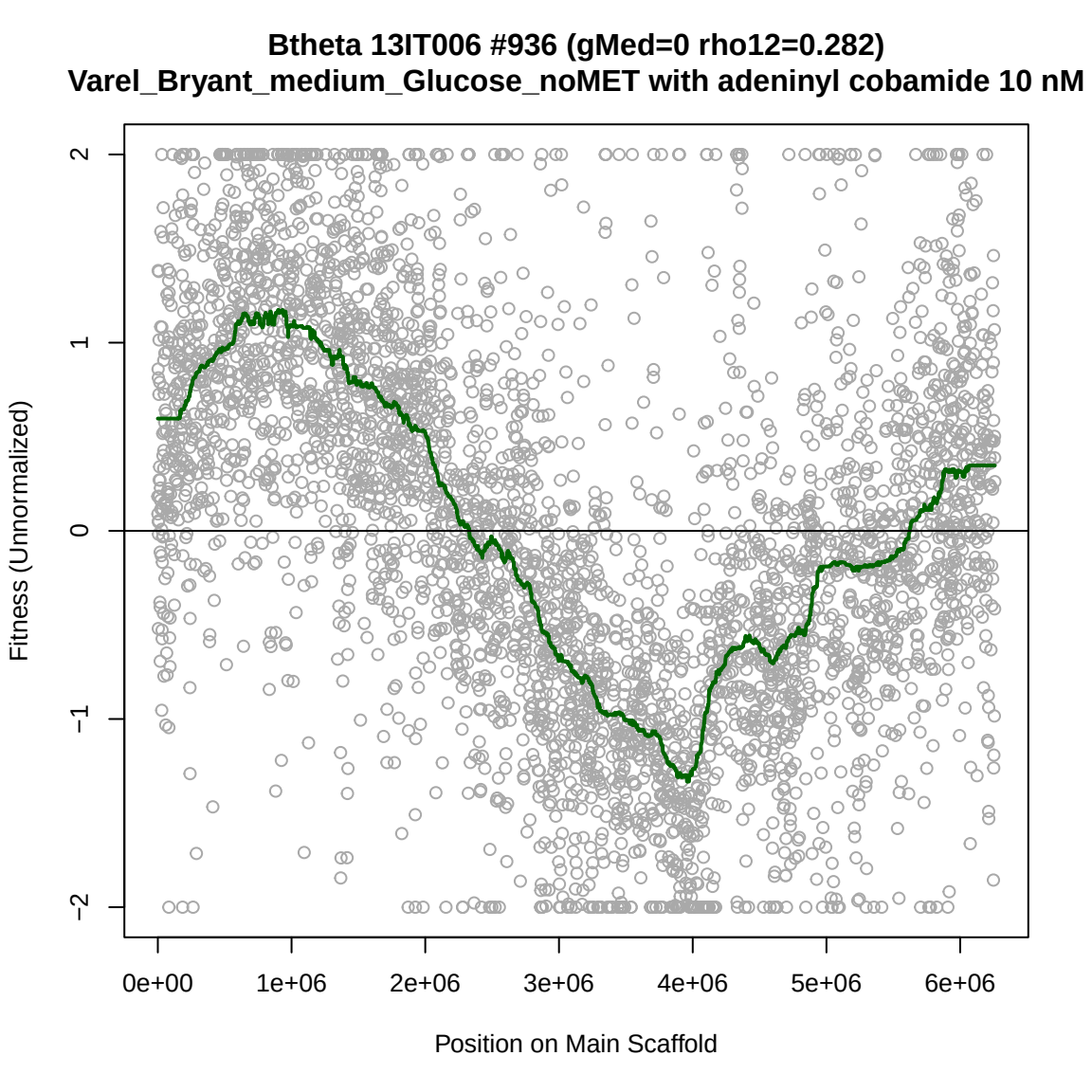

Btheta 13IT001 #931 (gMed=1 rho12=0.251)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

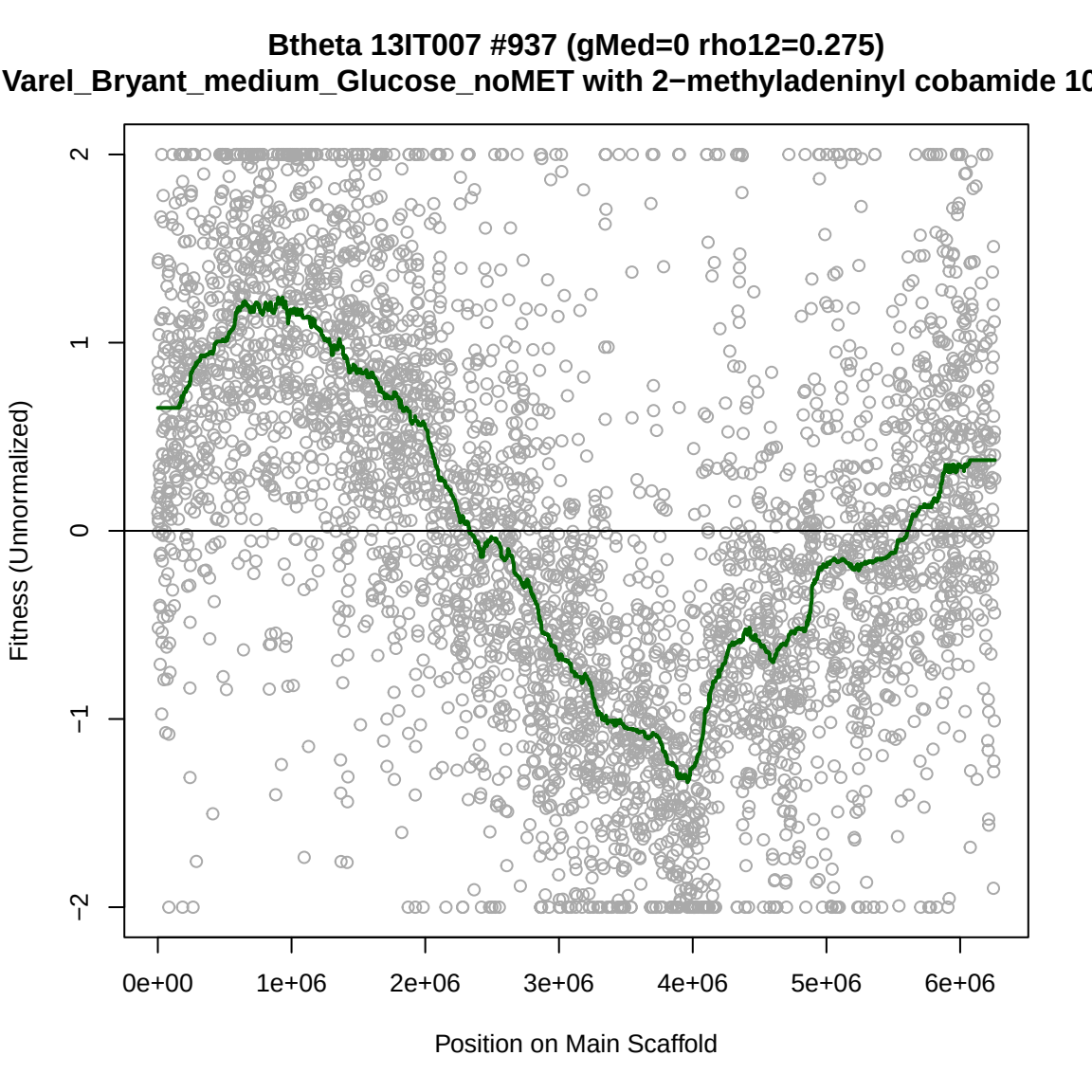

Btheta 13IT002 #932 (gMed=0 rho12=0.285)
Varel_Bryant_medium_Glucose_noMET with Cyanocobalamin 10 nM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

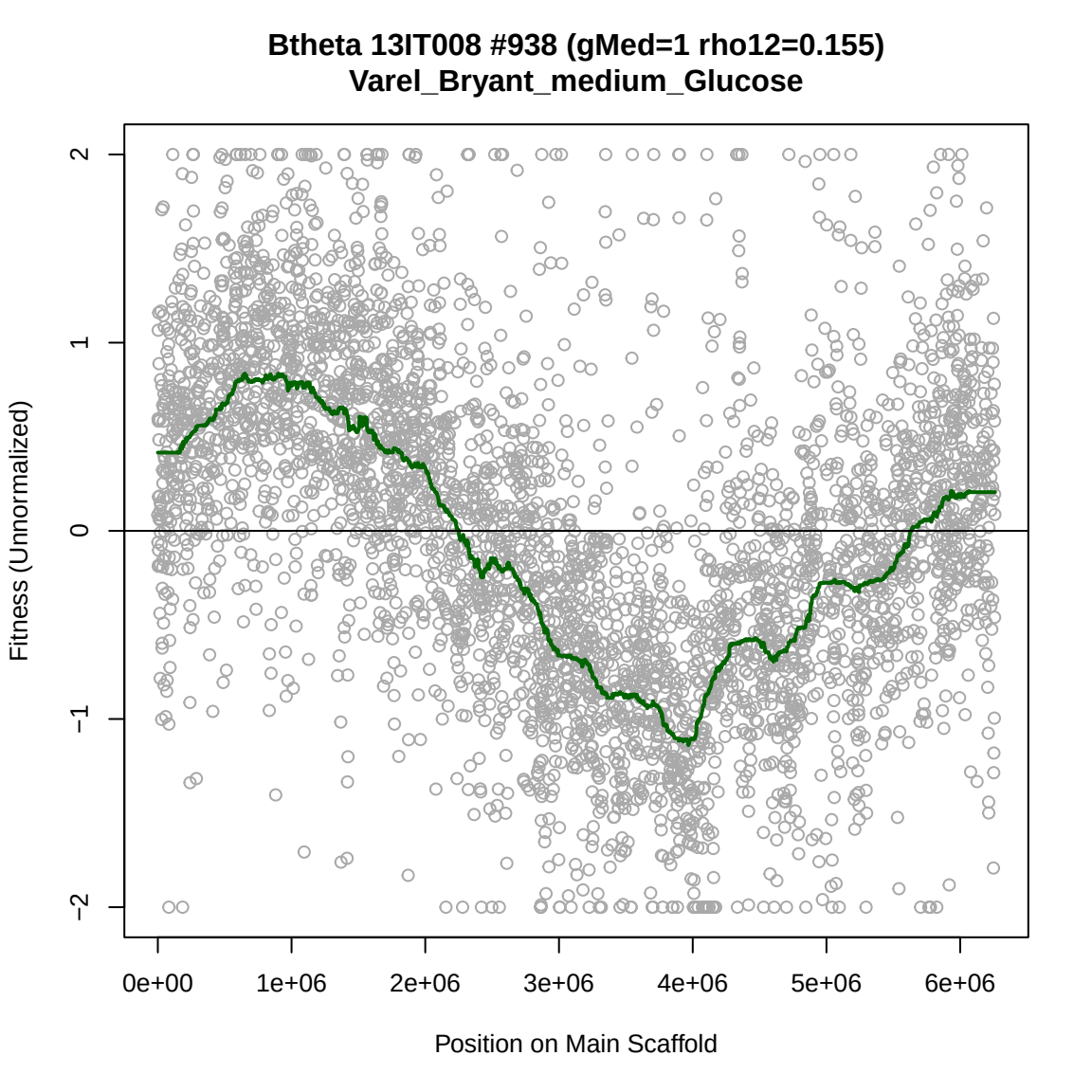

Btheta 13IT003 #933 (gMed=0 rho12=0.212)
Varel_Bryant_medium_Glucose_noMET with benzimidazolyl cobamide 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

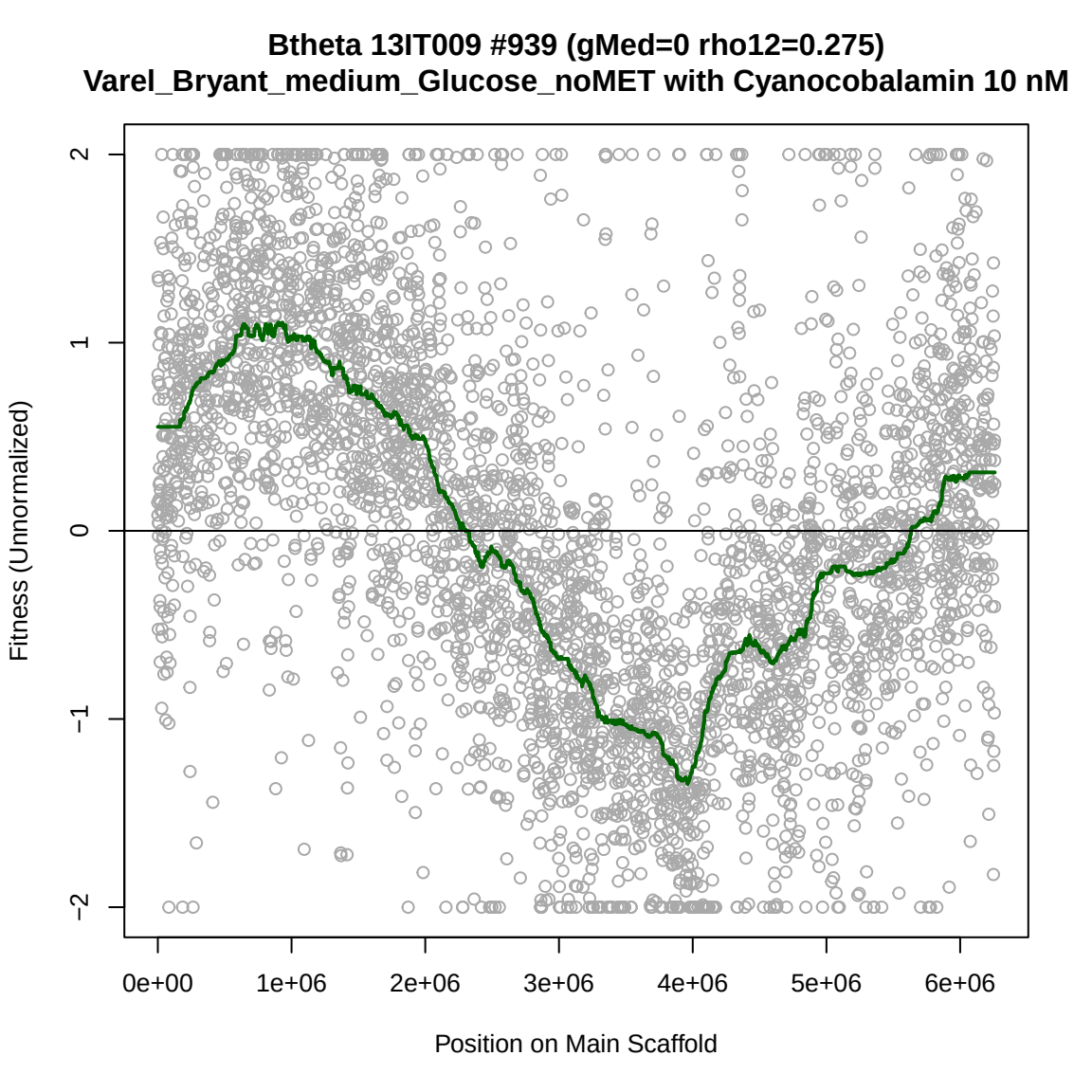

Btheta 13IT004 #934 (gMed=0 rho12=0.281)
rel_Bryant_medium_Glucose_noMET with 5−methylbenzimidazolyl cobamide
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

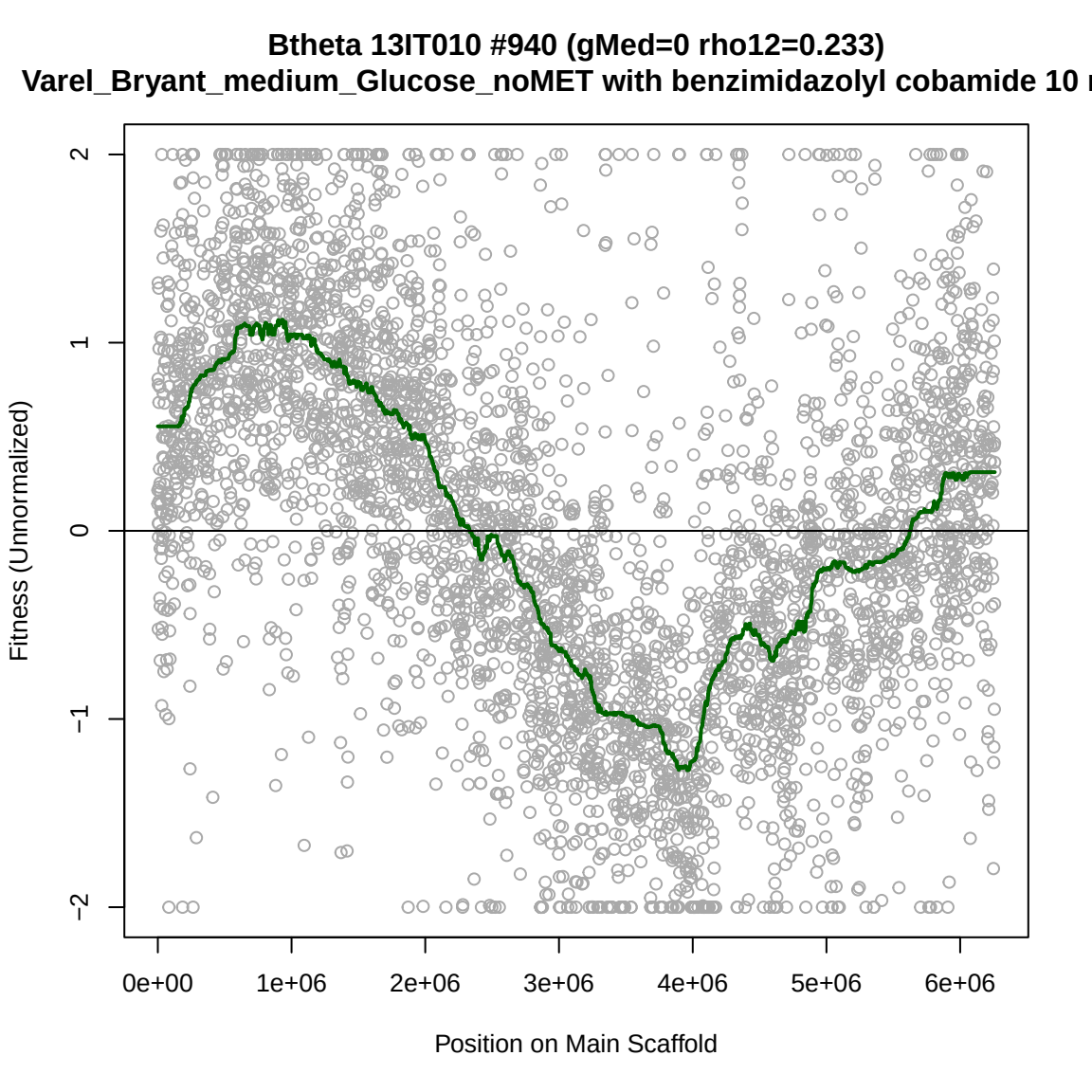

Btheta 13IT005 #935 (gMed=0 rho12=0.172)
el_Bryant_medium_Glucose_noMET with 5−methoxybenzimidazolyl cobamic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

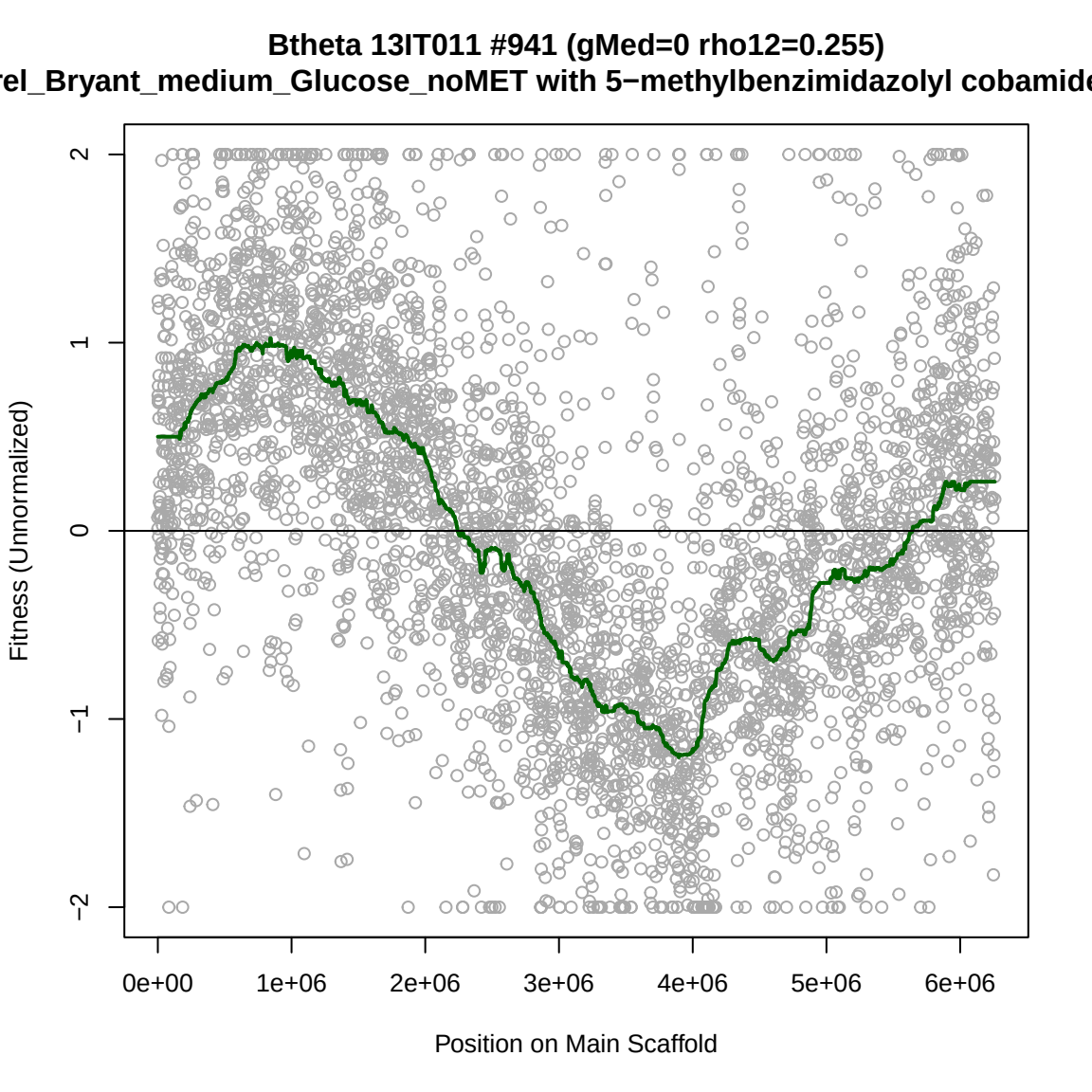

Btheta 13IT006 #936 (gMed=0 rho12=0.282)
Varel_Bryant_medium_Glucose_noMET with adeninyl cobamide 10 nM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

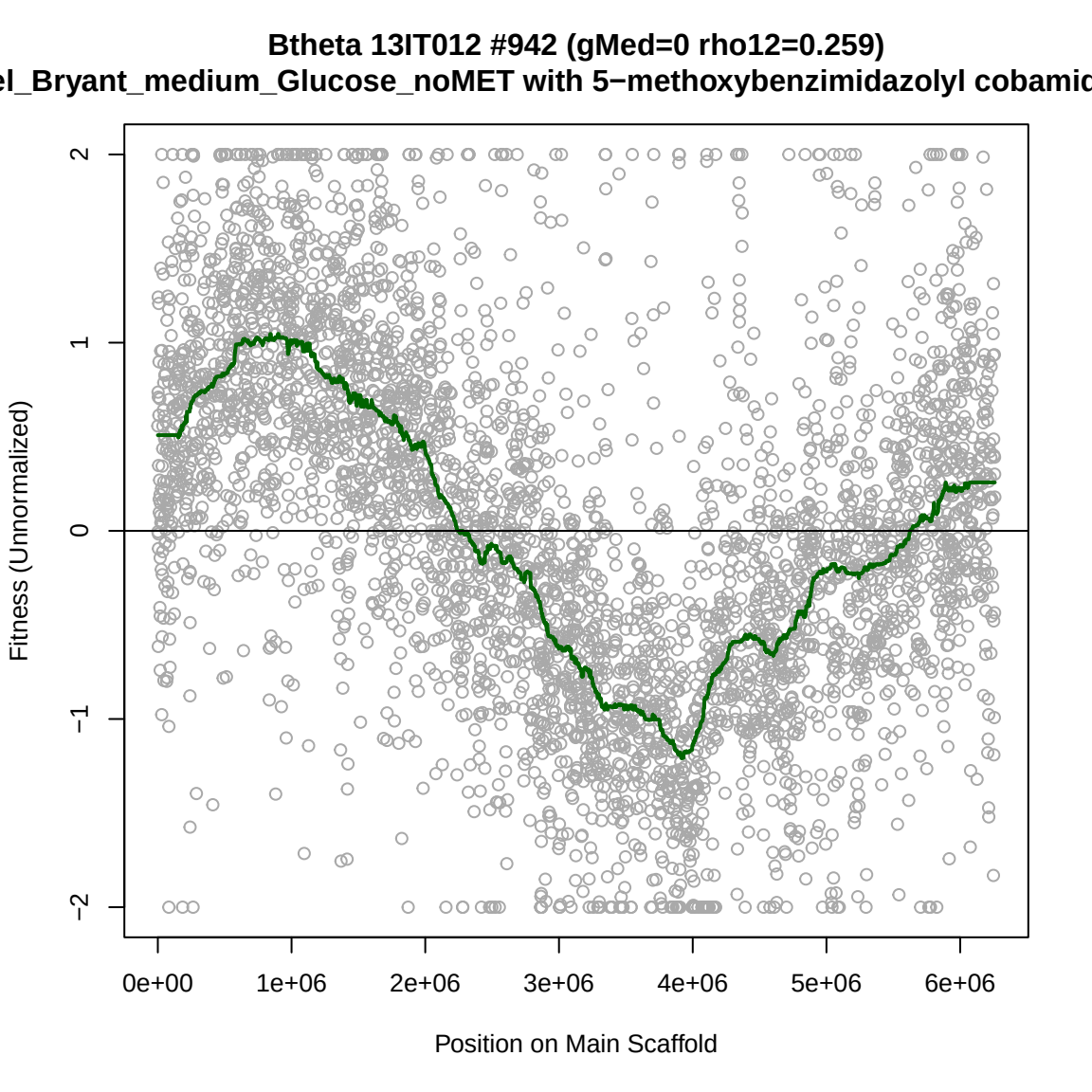

Btheta 13IT007 #937 (gMed=0 rho12=0.275)
Varel_Bryant_medium_Glucose_noMET with 2−methyladeninyl cobamide 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

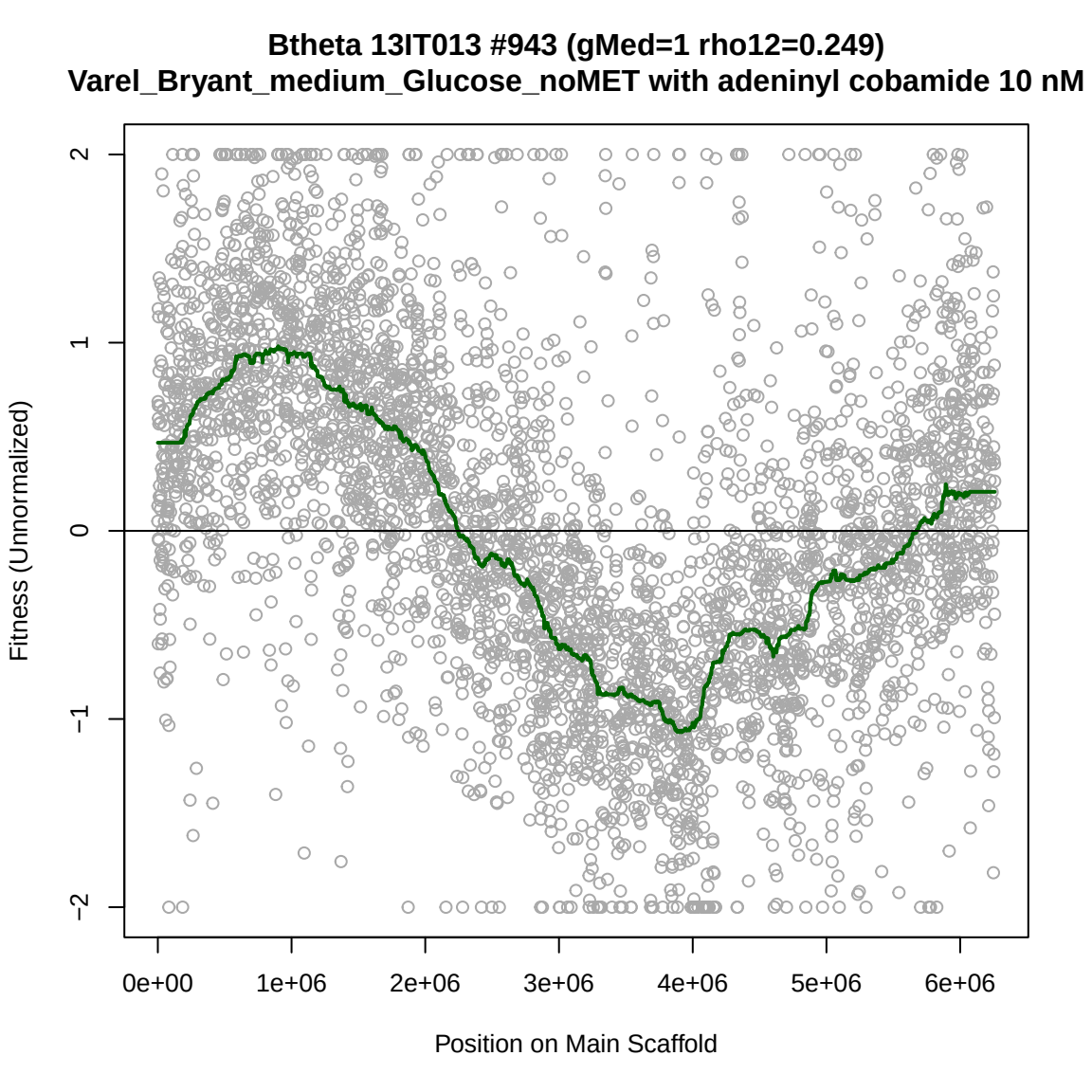

Btheta 13IT008 #938 (gMed=1 rho12=0.155)
Varel_Bryant_medium_Glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

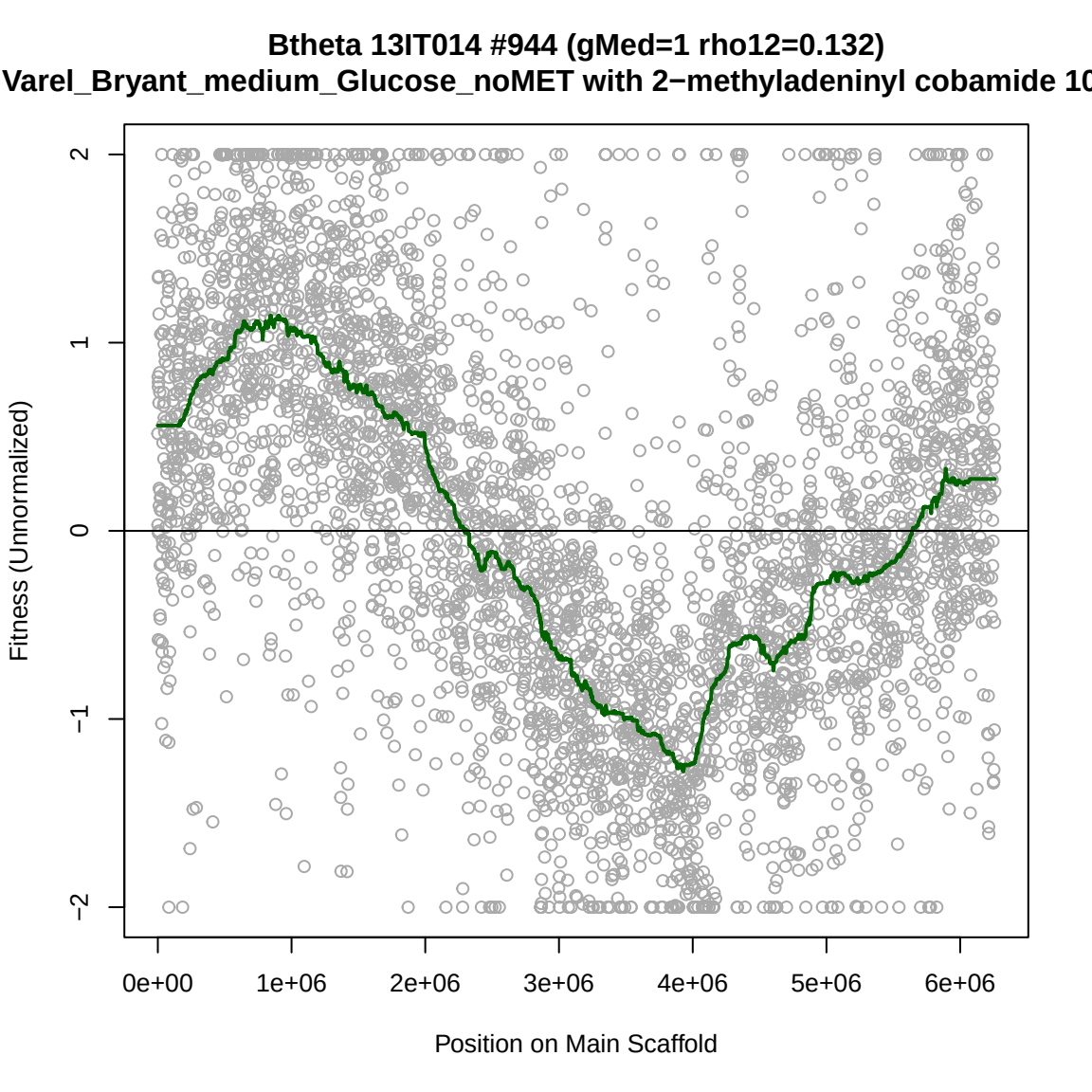

Btheta 13IT009 #939 (gMed=0 rho12=0.275)
Varel_Bryant_medium_Glucose_noMET with Cyanocobalamin 10 nM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

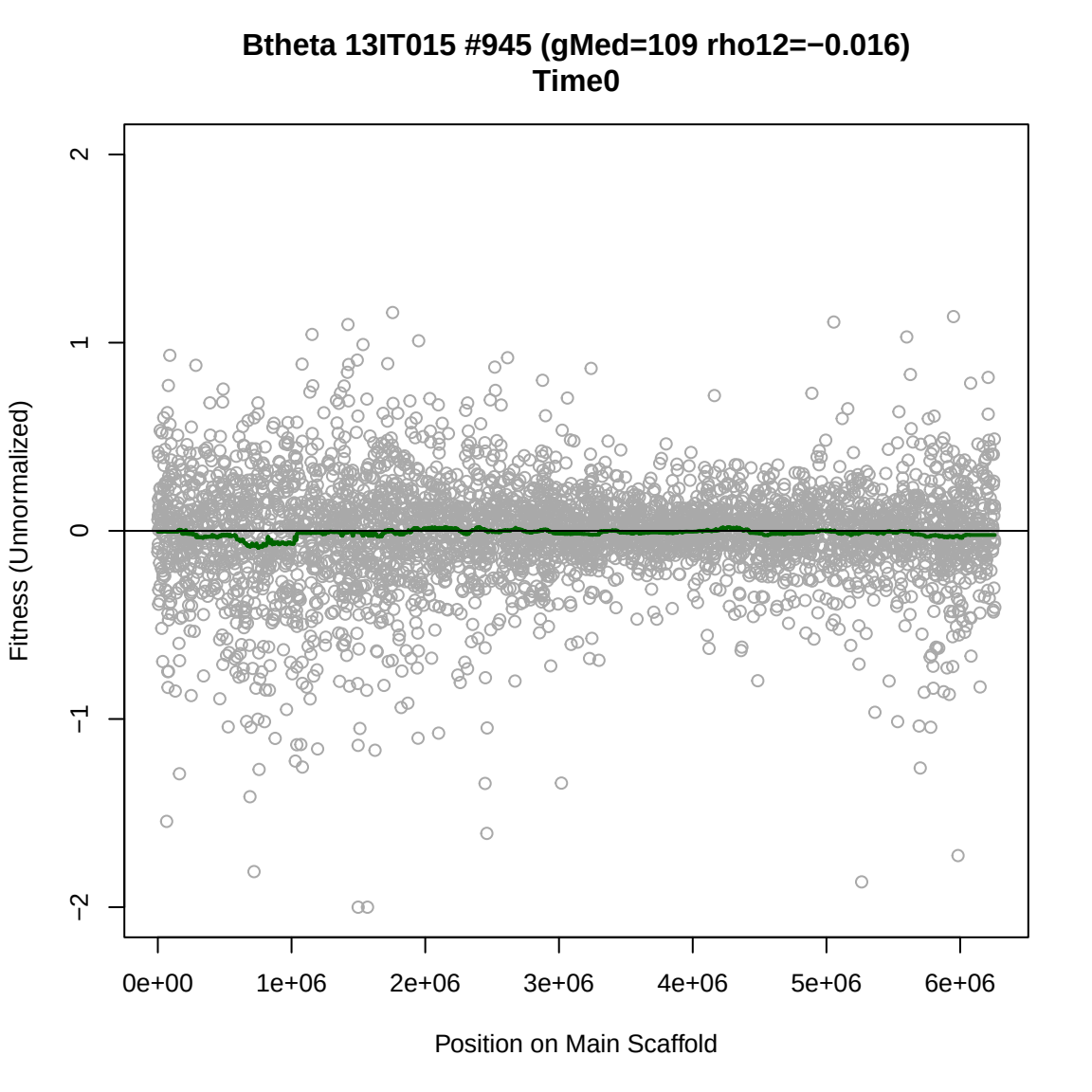

Btheta 13IT010 #940 (gMed=0 rho12=0.233)
Varel_Bryant_medium_Glucose_noMET with benzimidazolyl cobamide 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

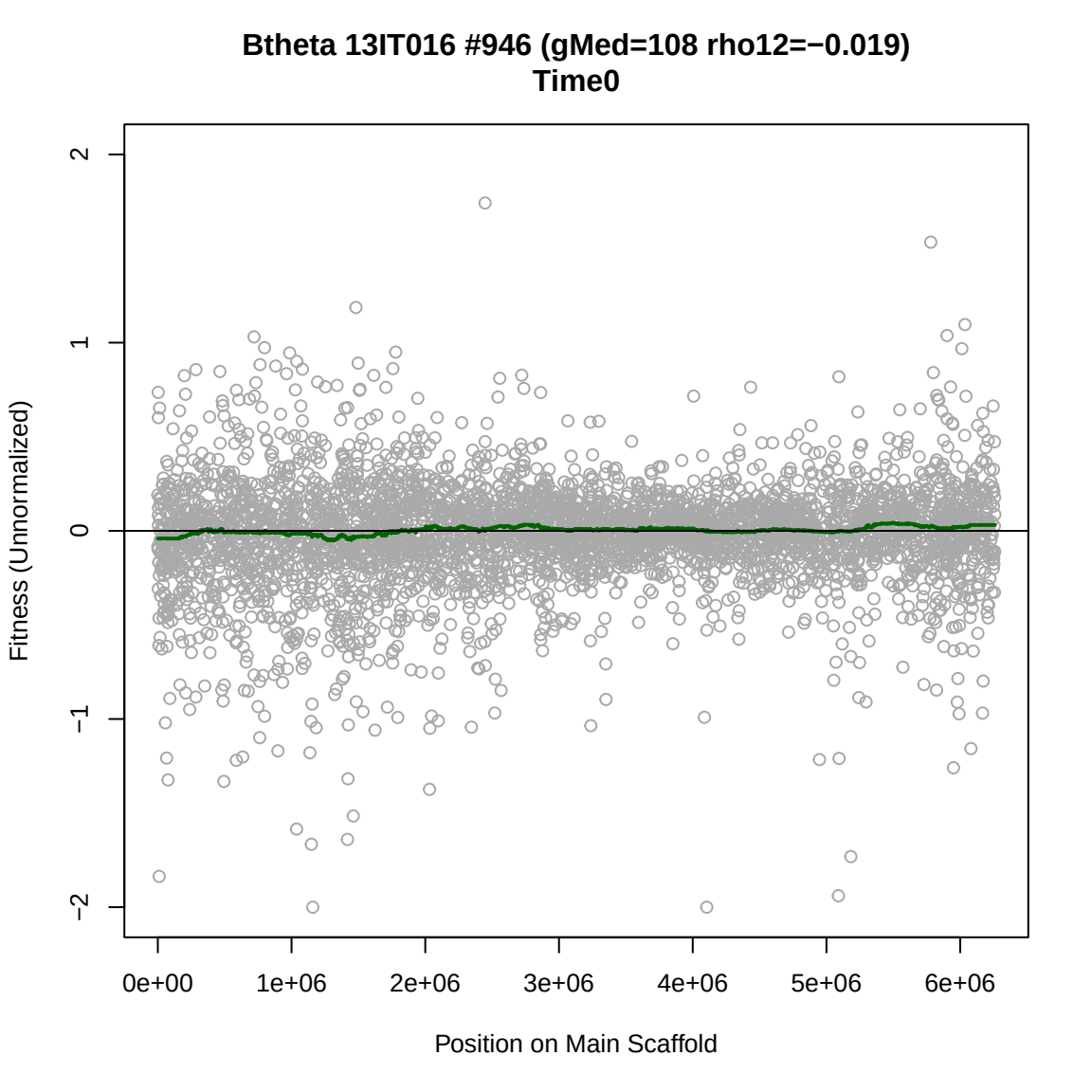

Btheta 13IT011 #941 (gMed=0 rho12=0.255)
rel_Bryant_medium_Glucose_noMET with 5−methylbenzimidazolyl cobamide
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

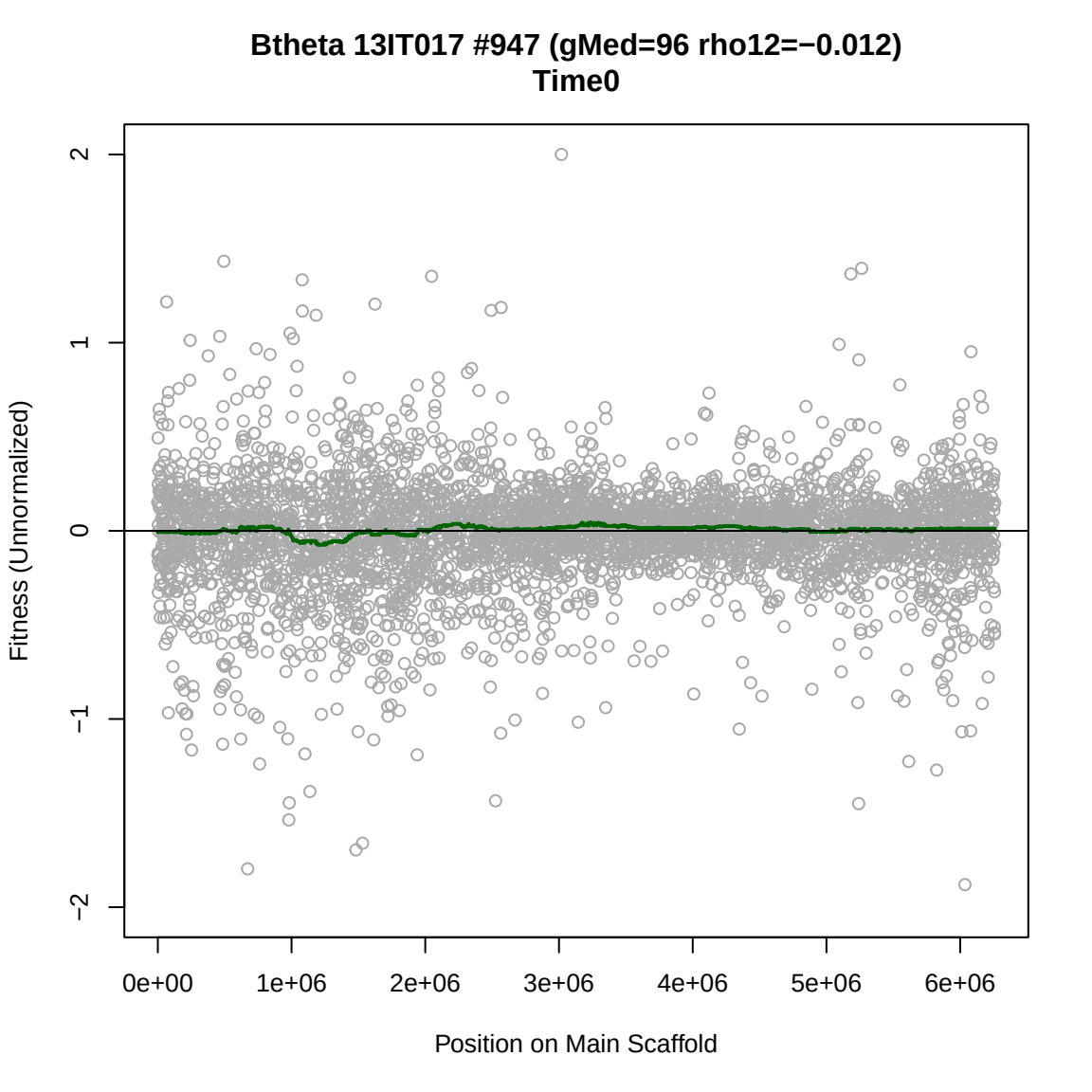

Btheta 13IT012 #942 (gMed=0 rho12=0.259)
el_Bryant_medium_Glucose_noMET with 5−methoxybenzimidazolyl cobamic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

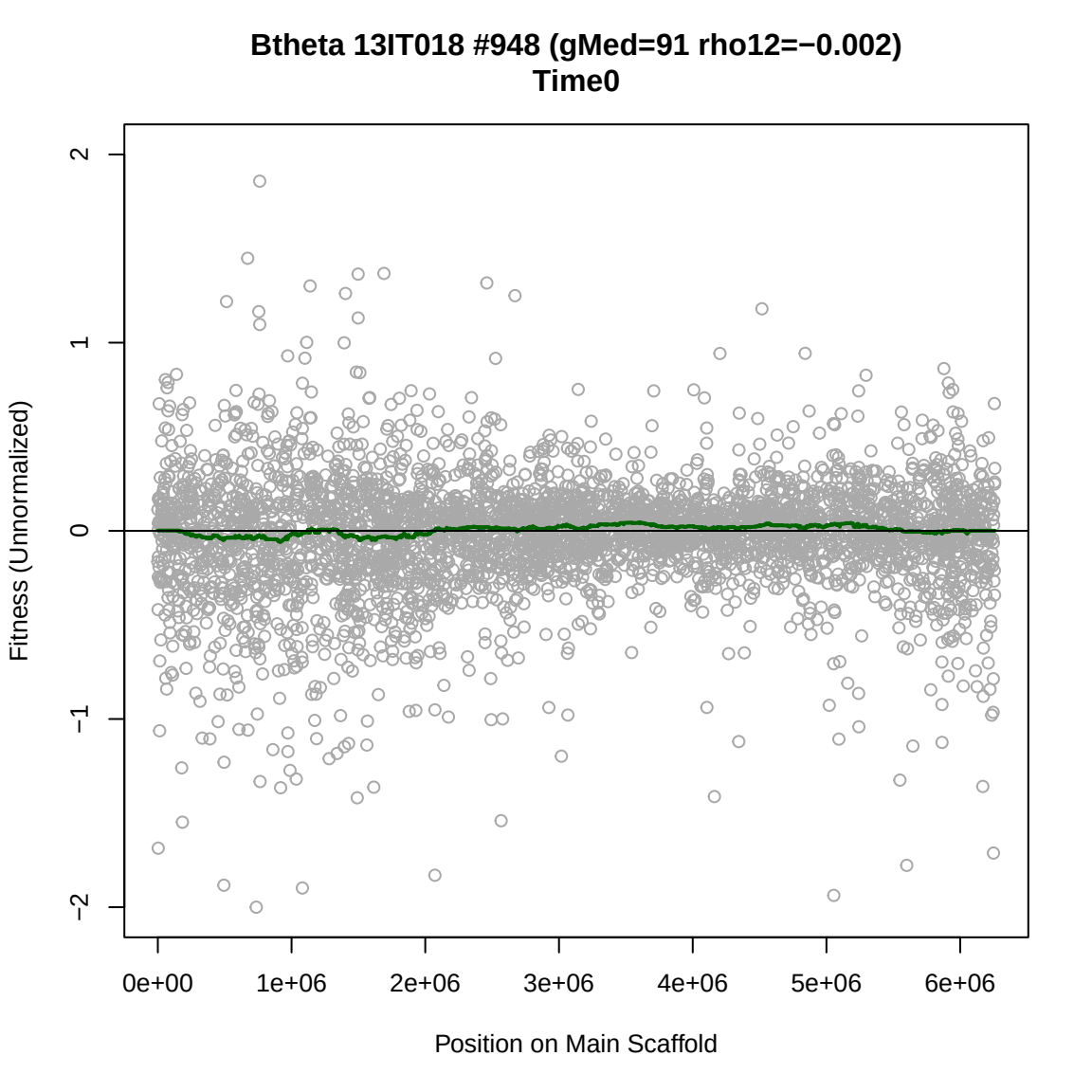

Btheta 13IT013 #943 (gMed=1 rho12=0.249)
Varel_Bryant_medium_Glucose_noMET with adeninyl cobamide 10 nM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

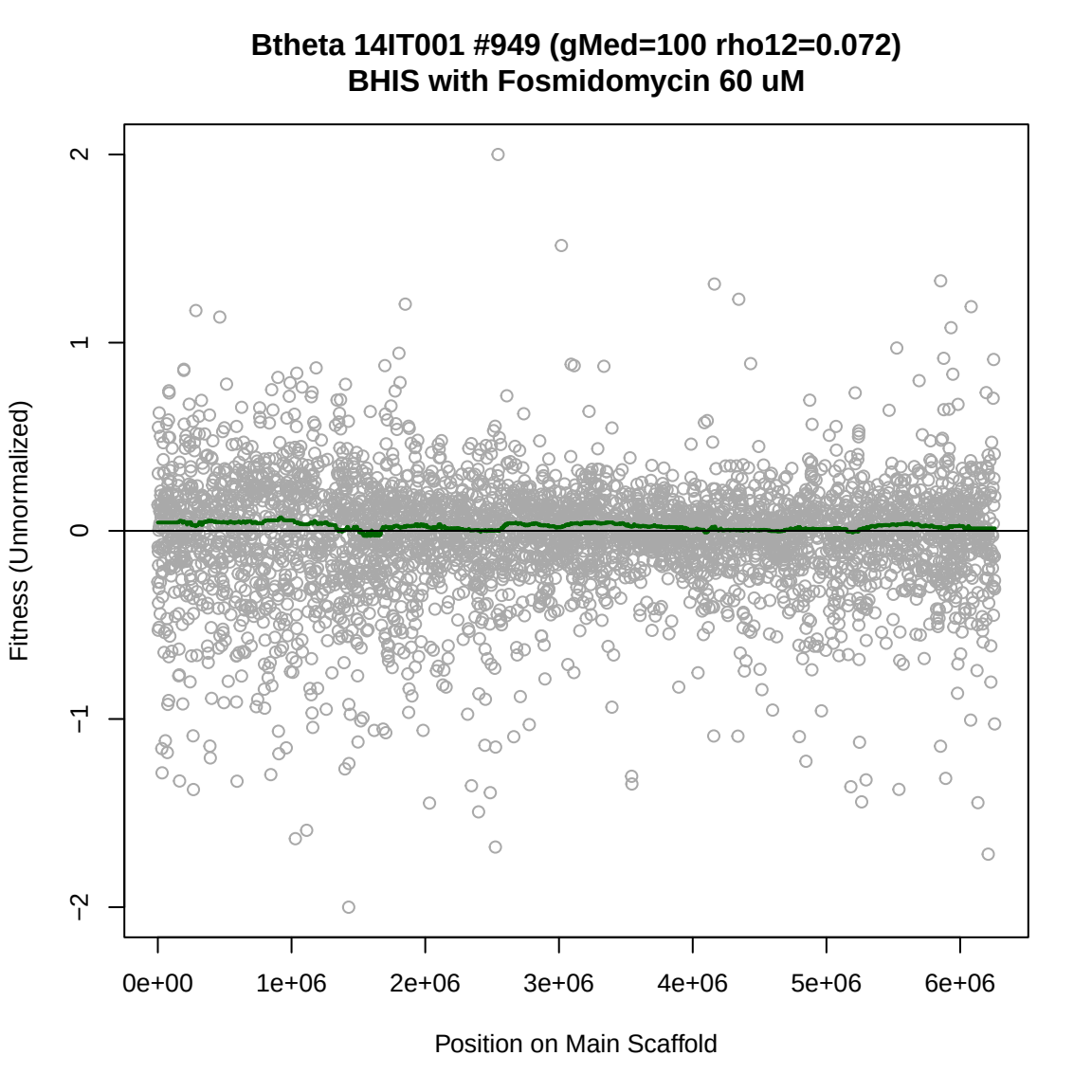

Btheta 13IT014 #944 (gMed=1 rho12=0.132)
Varel_Bryant_medium_Glucose_noMET with 2−methyladeninyl cobamide 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

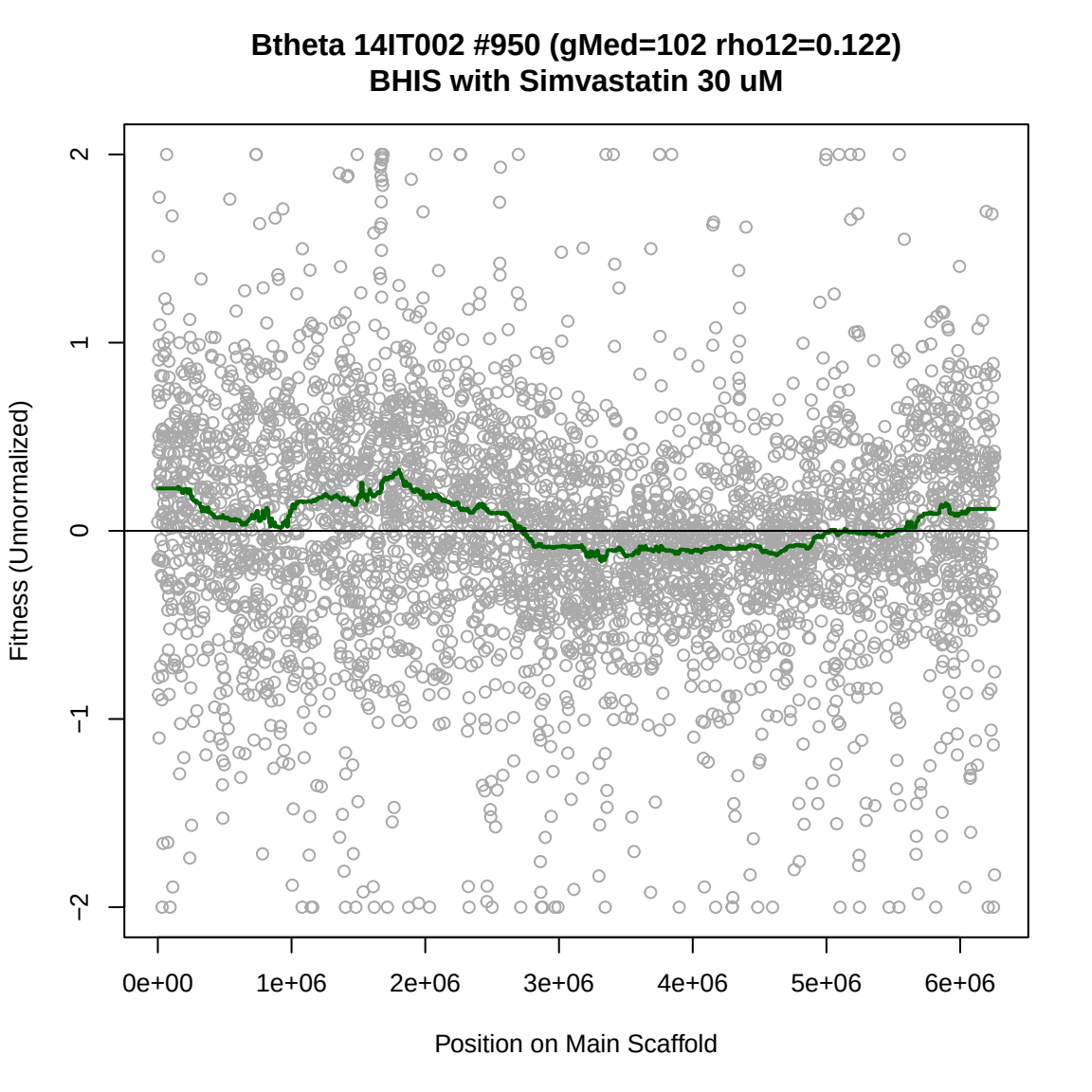

Btheta 13IT015 #945 (gMed=109 rho12=−0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

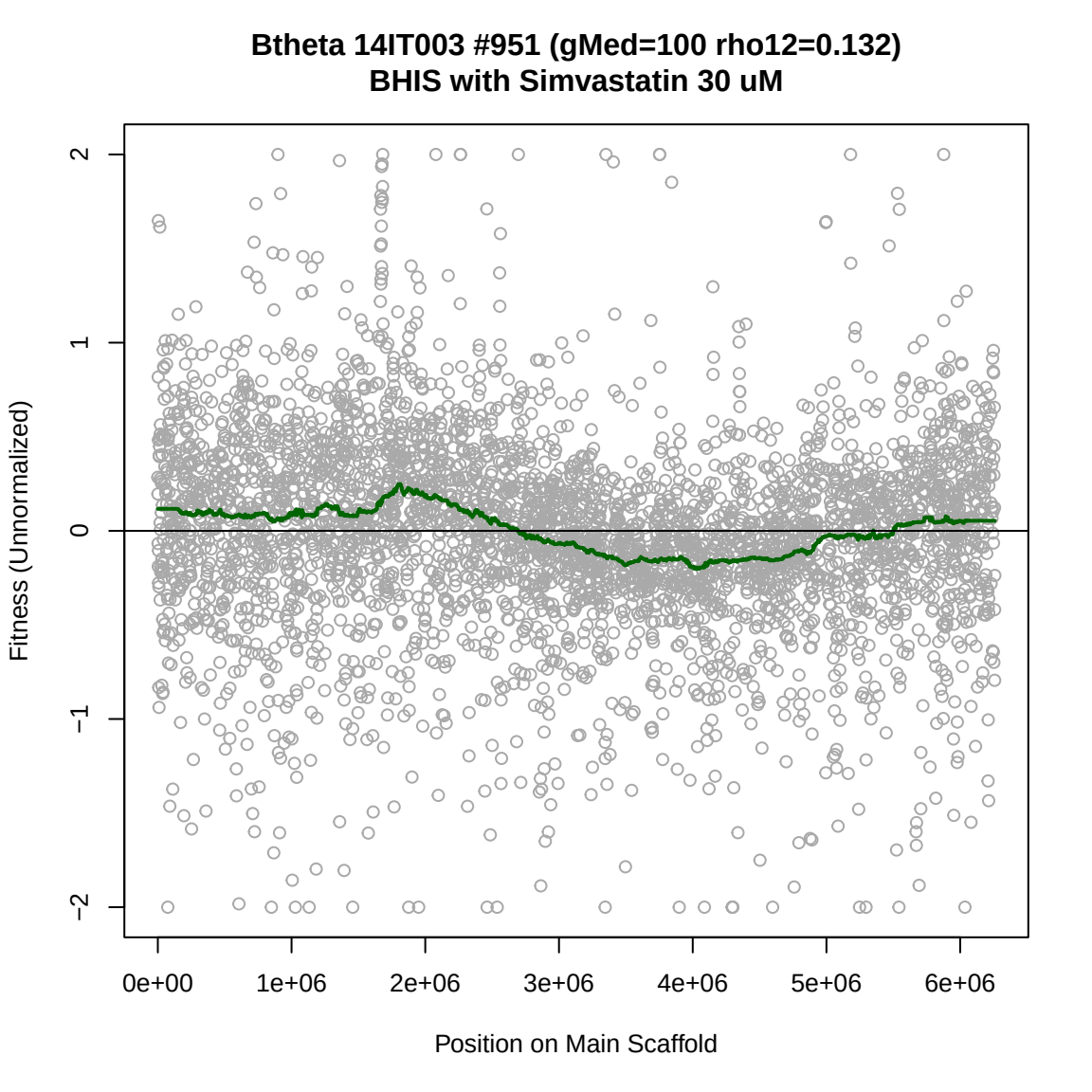

Btheta 13IT016 #946 (gMed=108 rho12=−0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

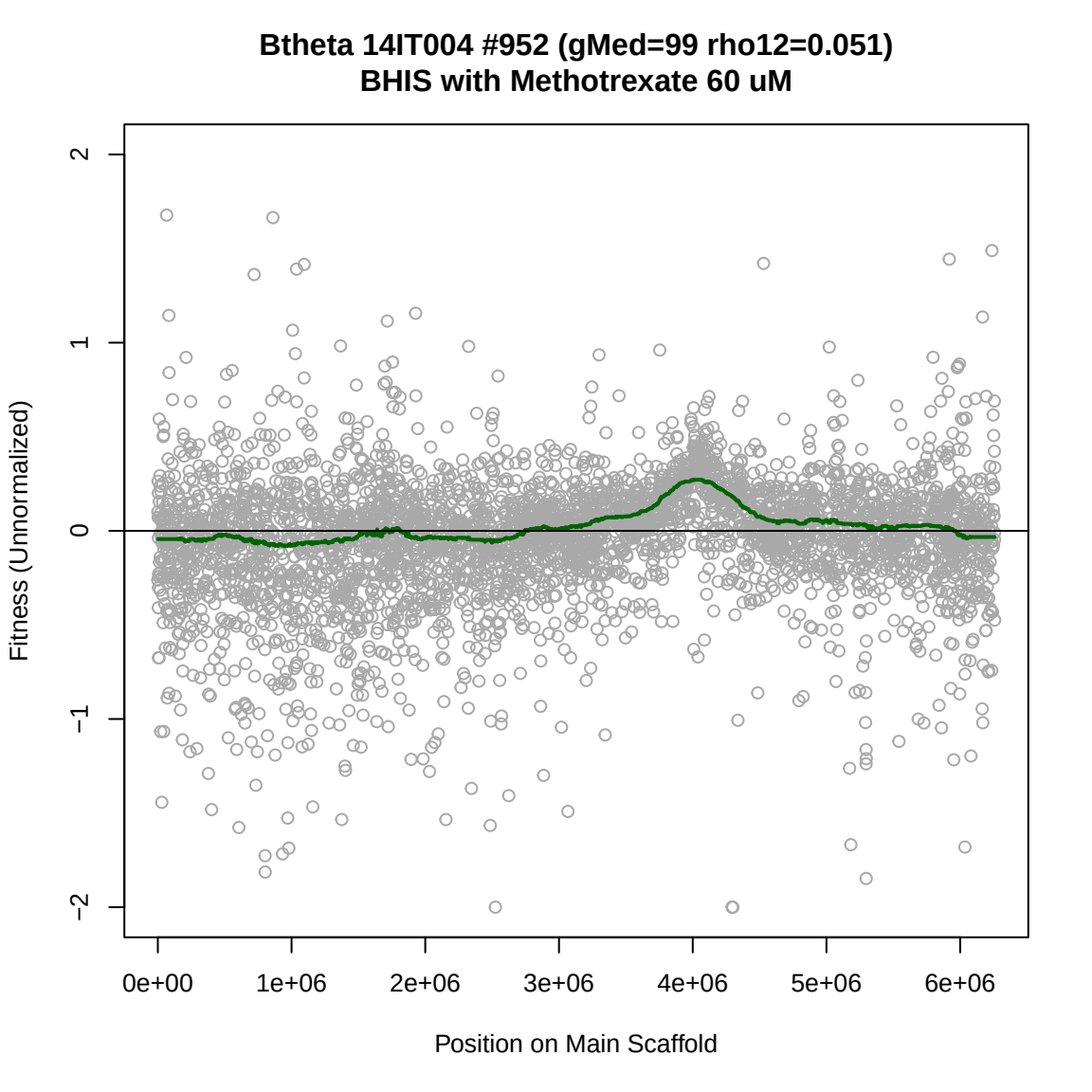

Btheta 13IT017 #947 (gMed=96 rho12=−0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

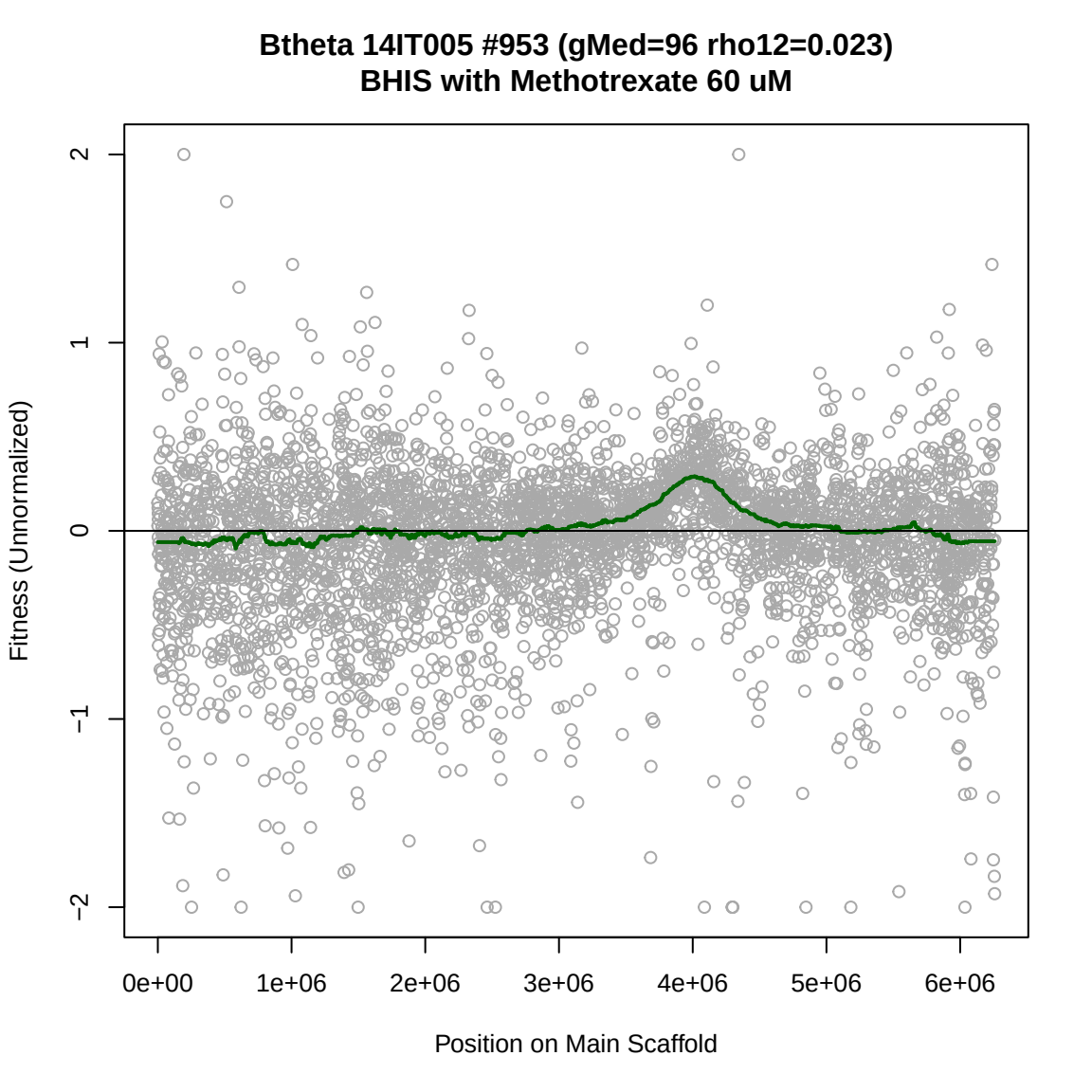

Btheta 13IT018 #948 (gMed=91 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

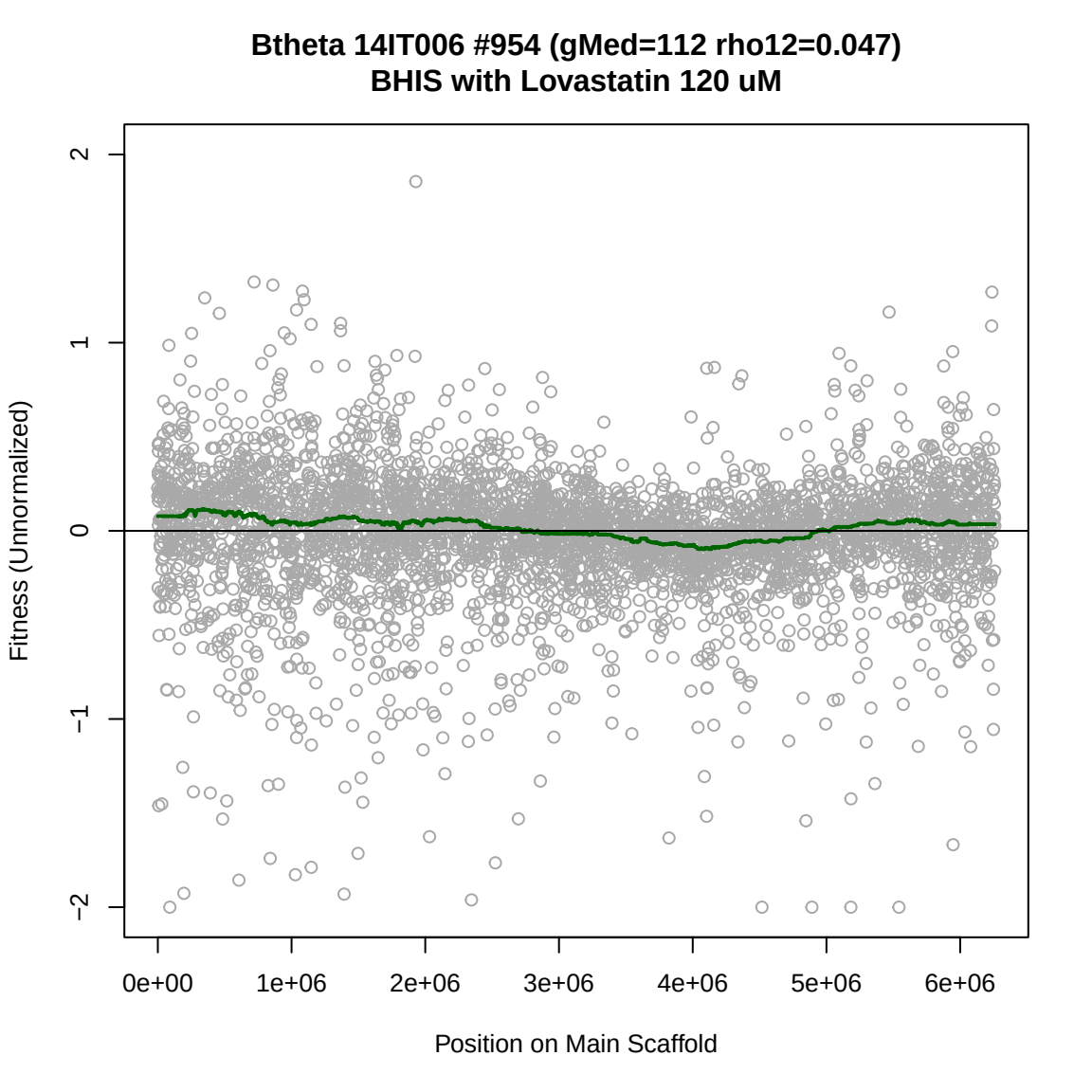

Btheta 14IT001 #949 (gMed=100 rho12=0.072)
BHIS with Fosmidomycin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

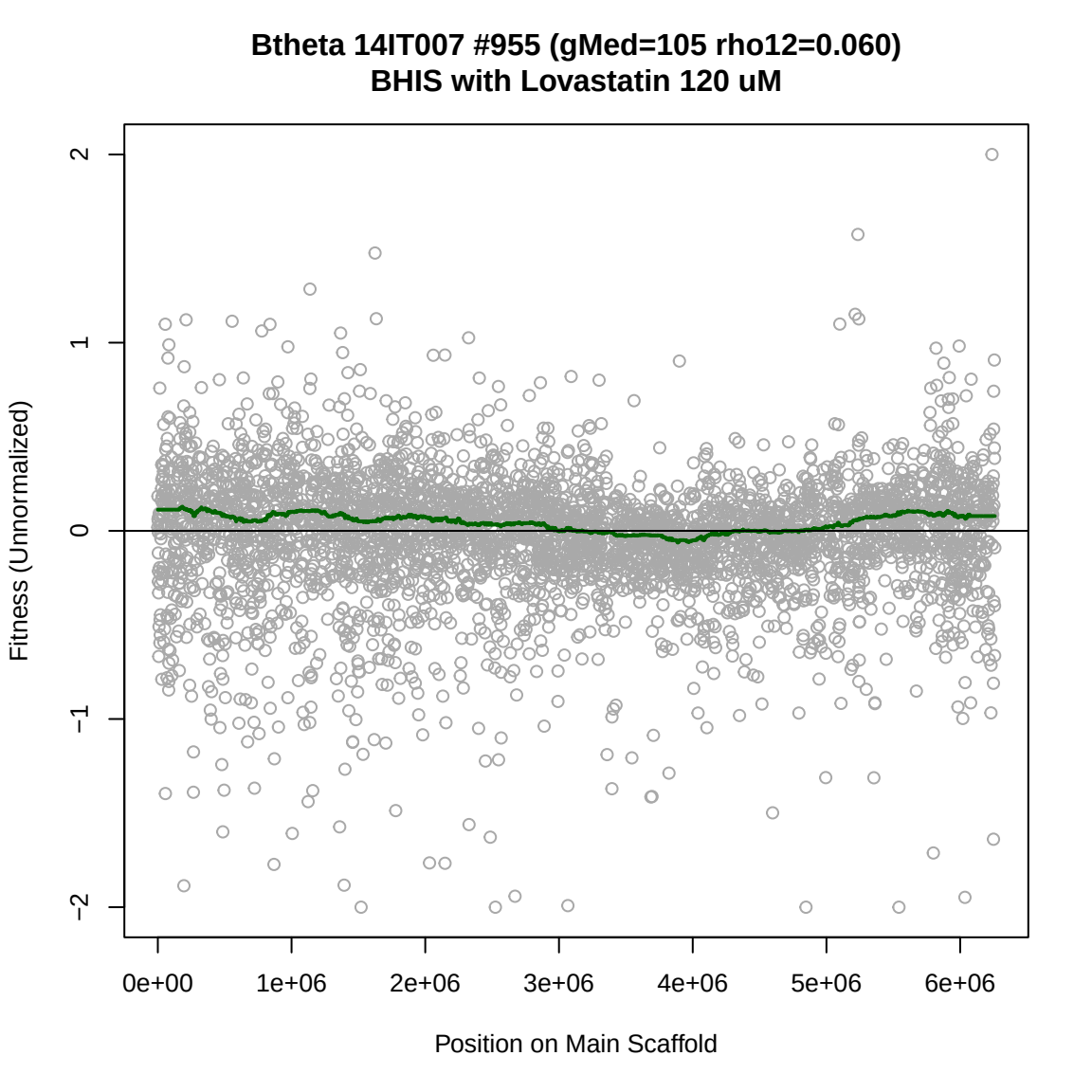

Btheta 14IT002 #950 (gMed=102 rho12=0.122)
BHIS with Simvastatin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

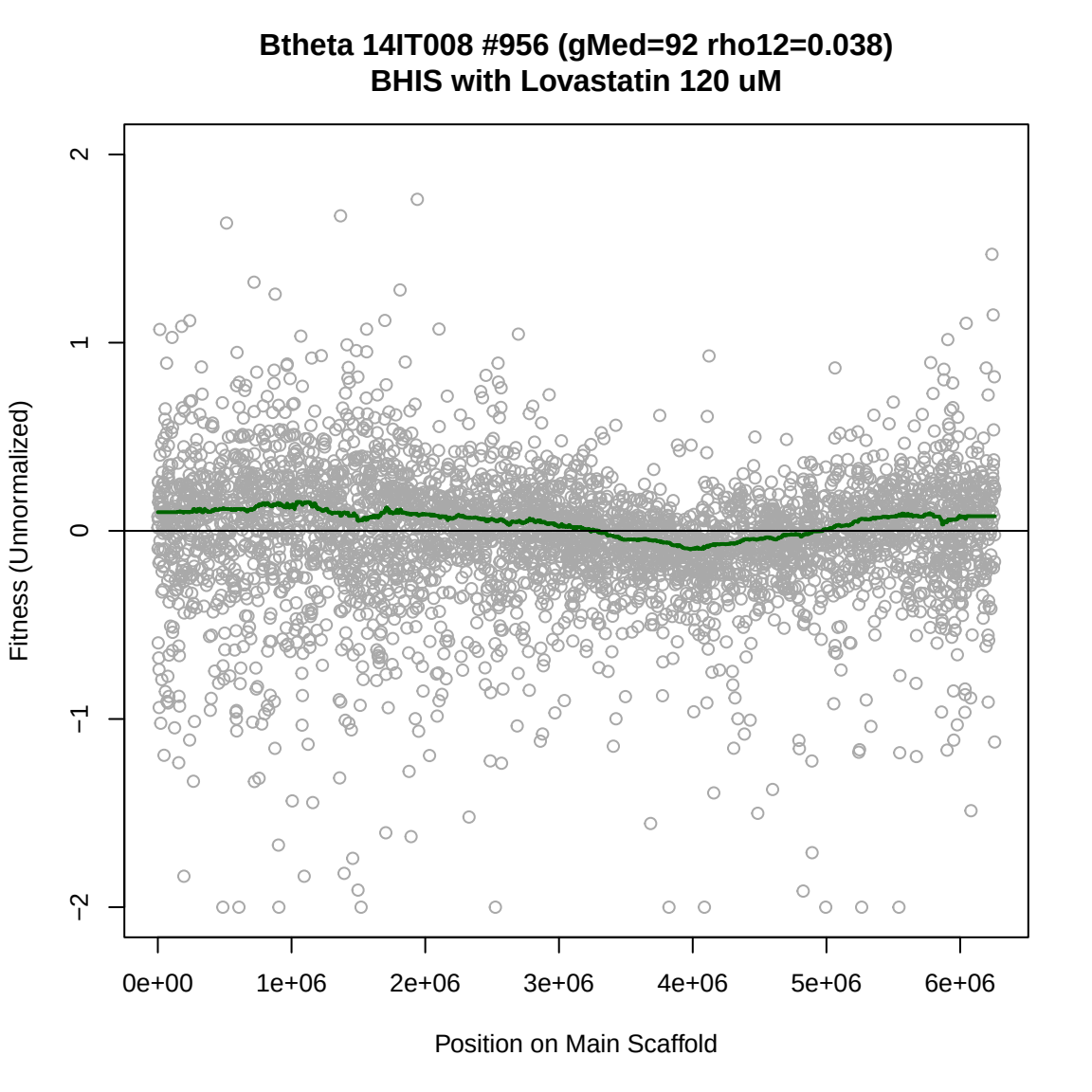

Btheta 14IT003 #951 (gMed=100 rho12=0.132)
BHIS with Simvastatin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

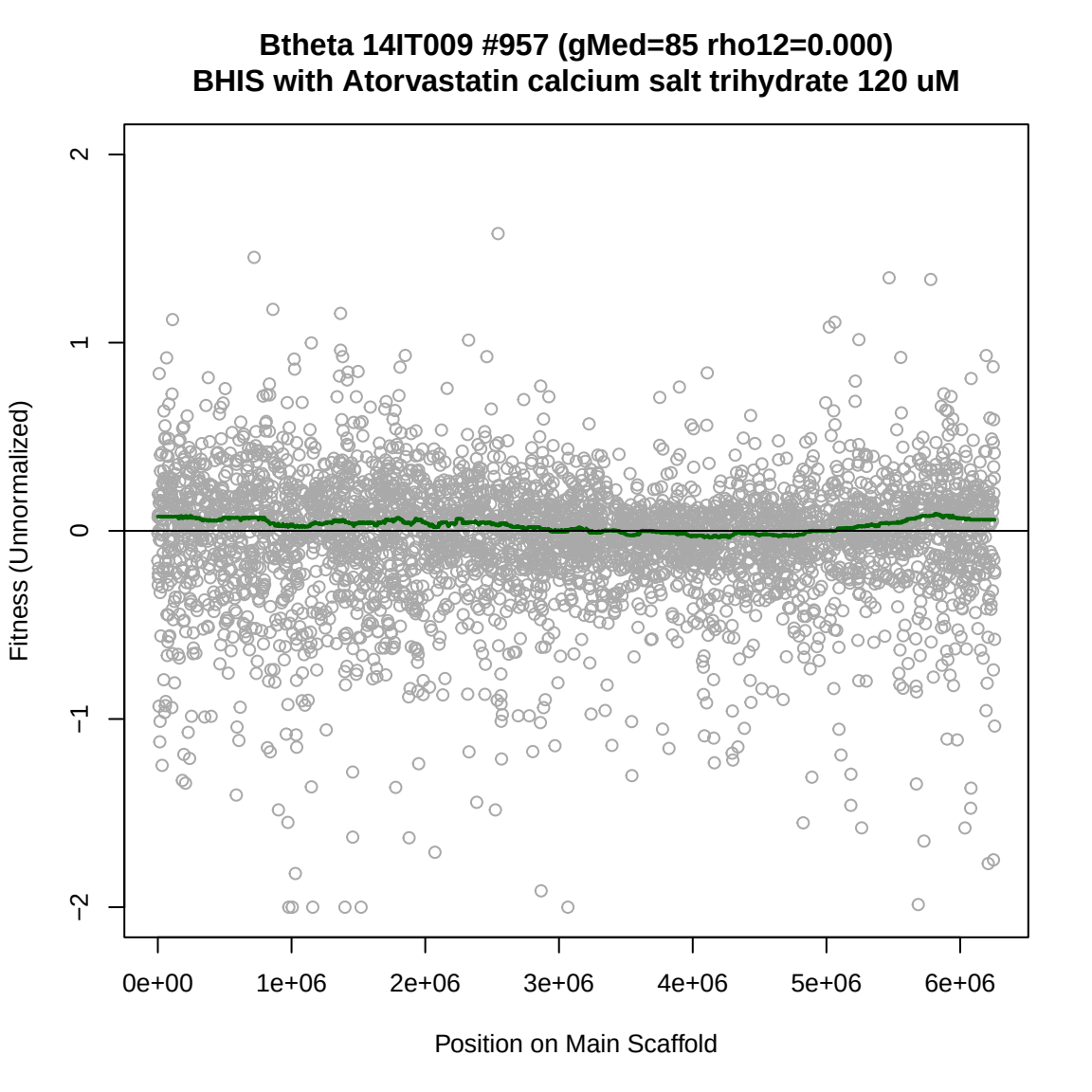

Btheta 14IT004 #952 (gMed=99 rho12=0.051)
BHIS with Methotrexate 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

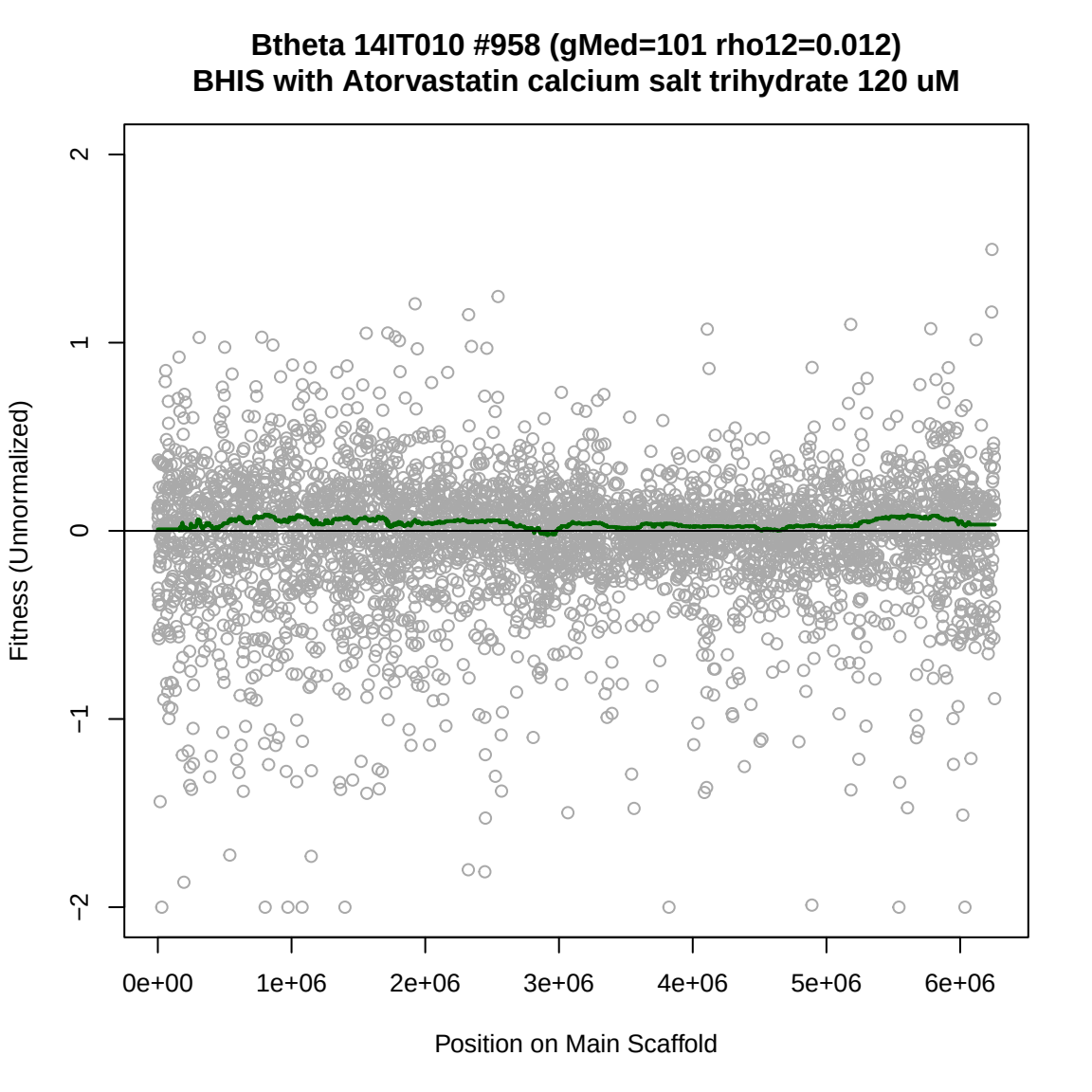

Btheta 14IT005 #953 (gMed=96 rho12=0.023)
BHIS with Methotrexate 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

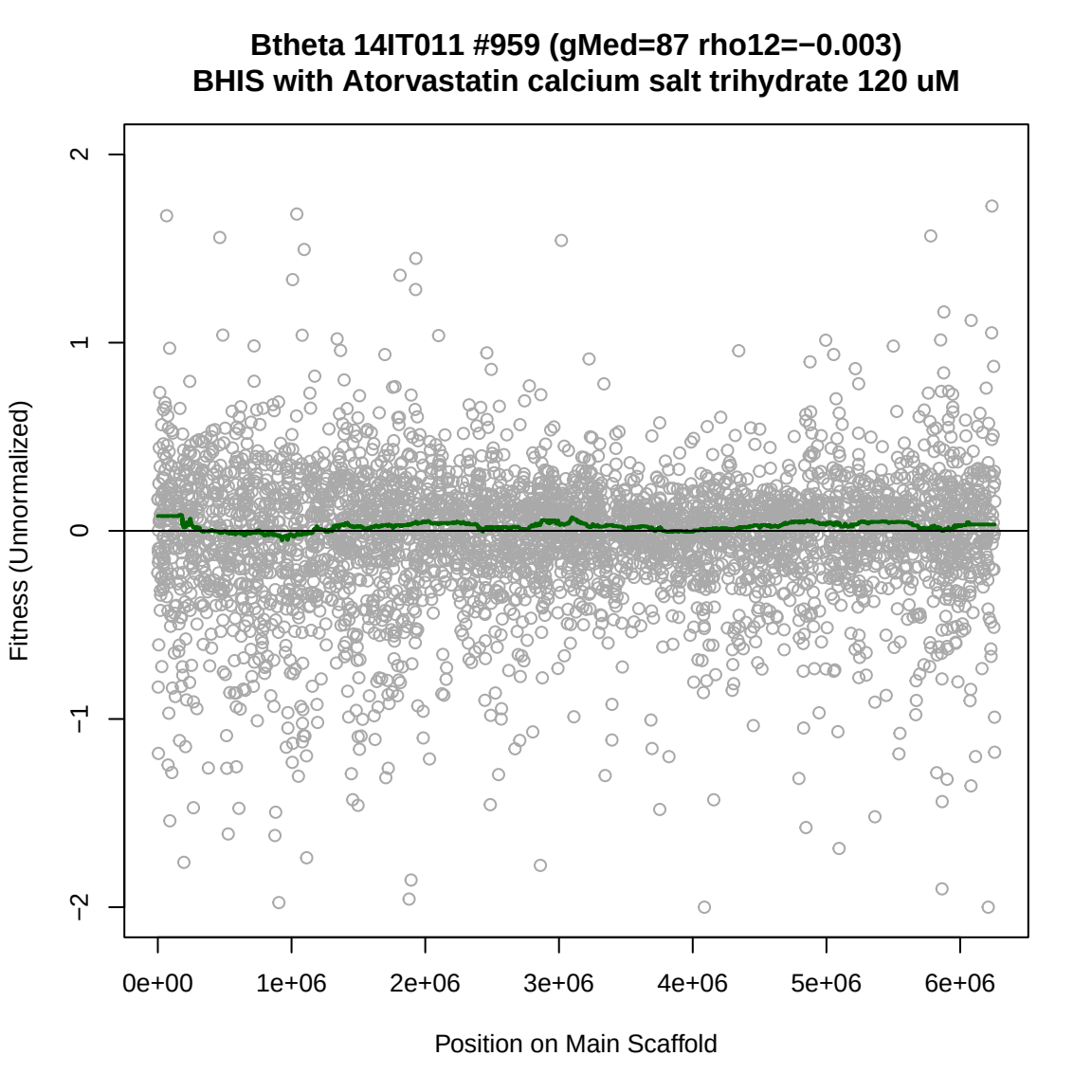

Btheta 14IT006 #954 (gMed=112 rho12=0.047)
BHIS with Lovastatin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

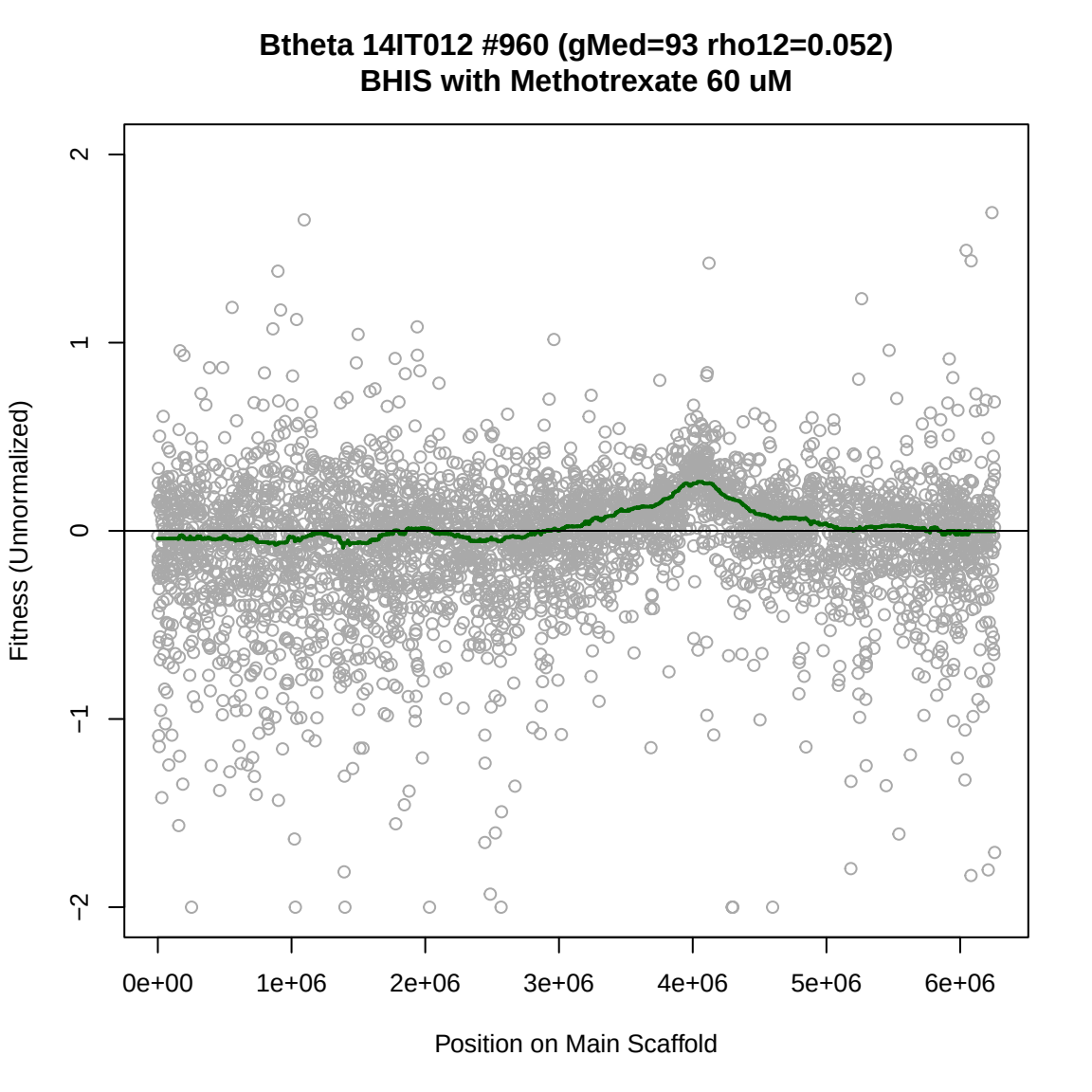

Btheta 14IT007 #955 (gMed=105 rho12=0.060)
BHIS with Lovastatin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

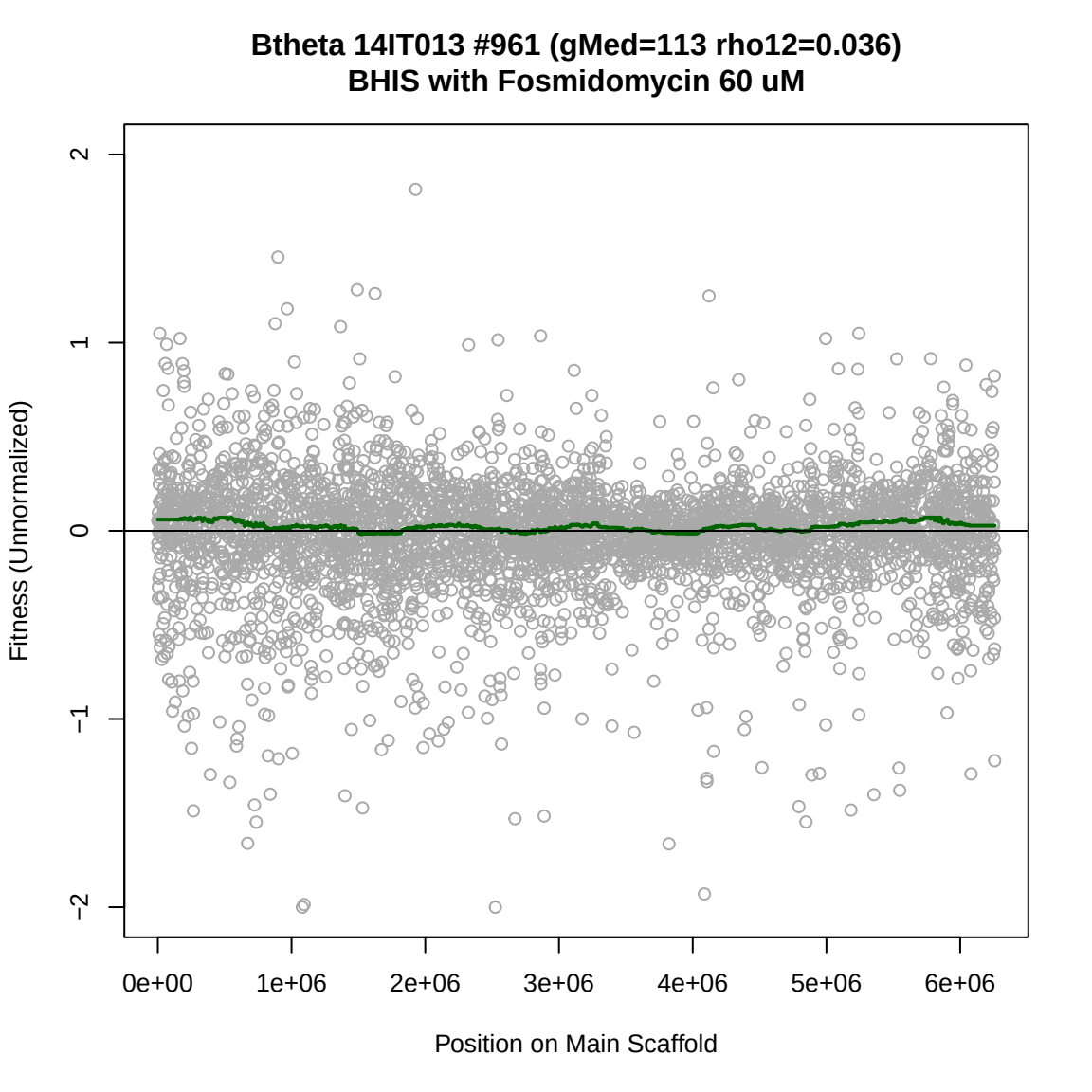

Btheta 14IT008 #956 (gMed=92 rho12=0.038)
BHIS with Lovastatin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

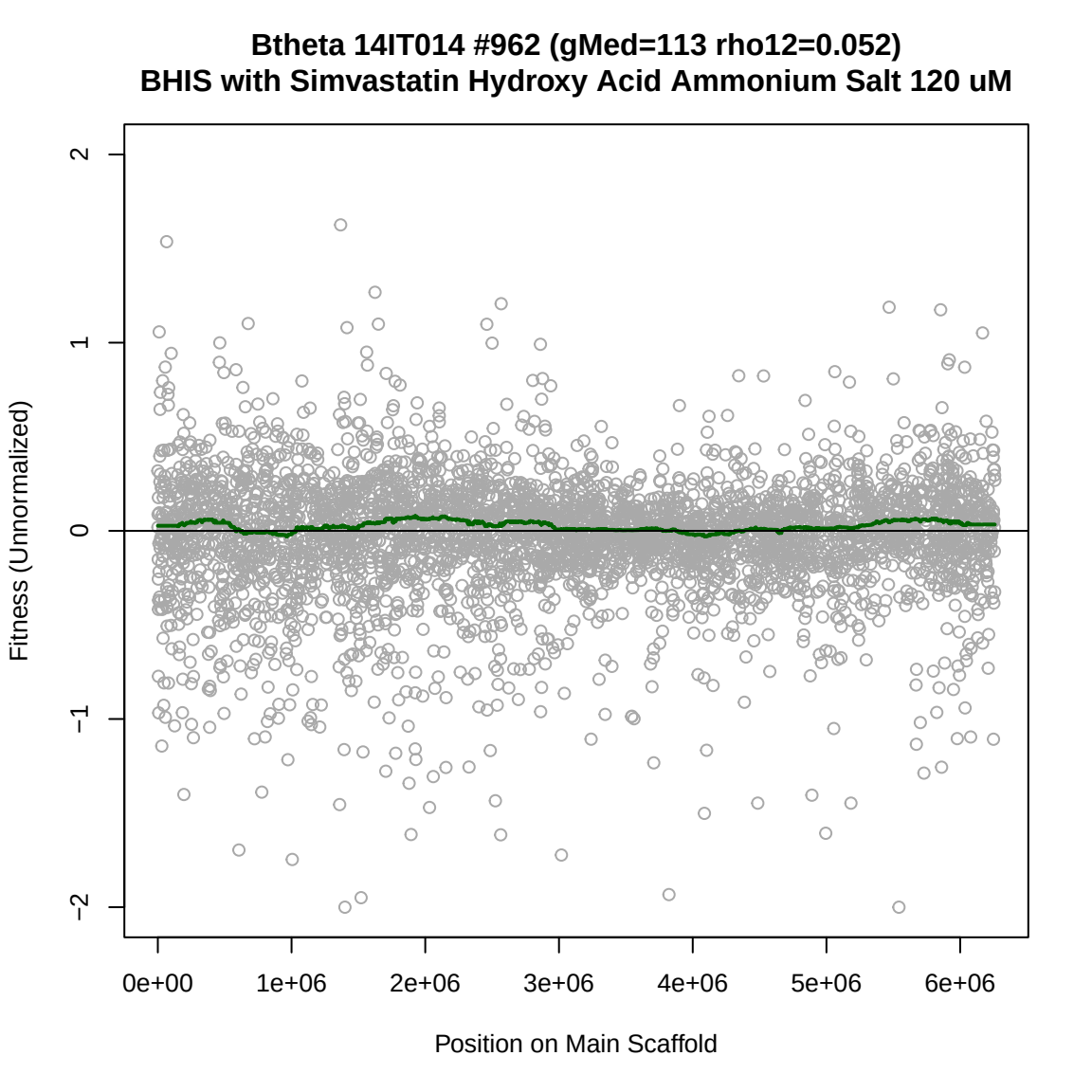

Btheta 14IT009 #957 (gMed=85 rho12=0.000)
BHIS with Atorvastatin calcium salt trihydrate 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

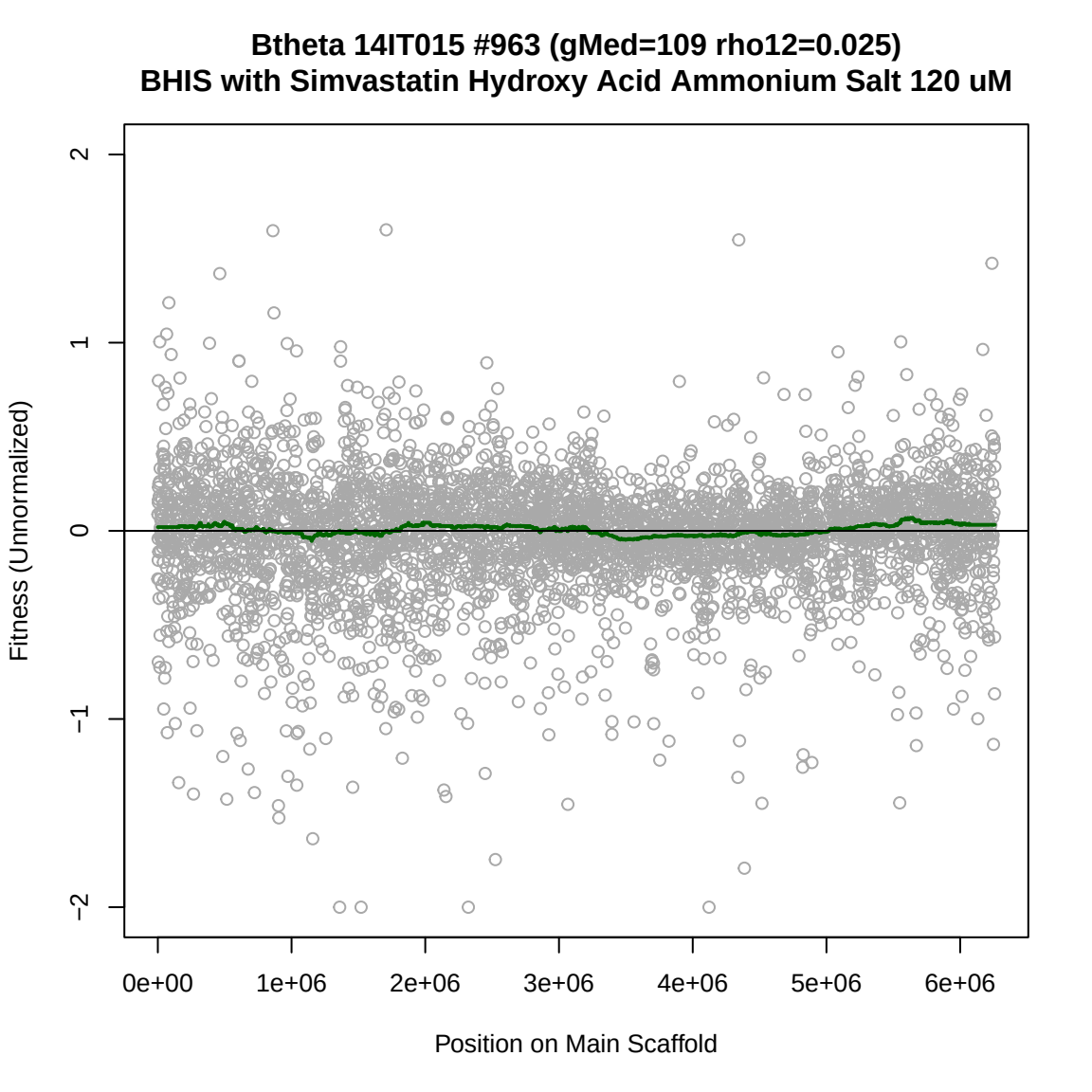

Btheta 14IT010 #958 (gMed=101 rho12=0.012)
BHIS with Atorvastatin calcium salt trihydrate 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

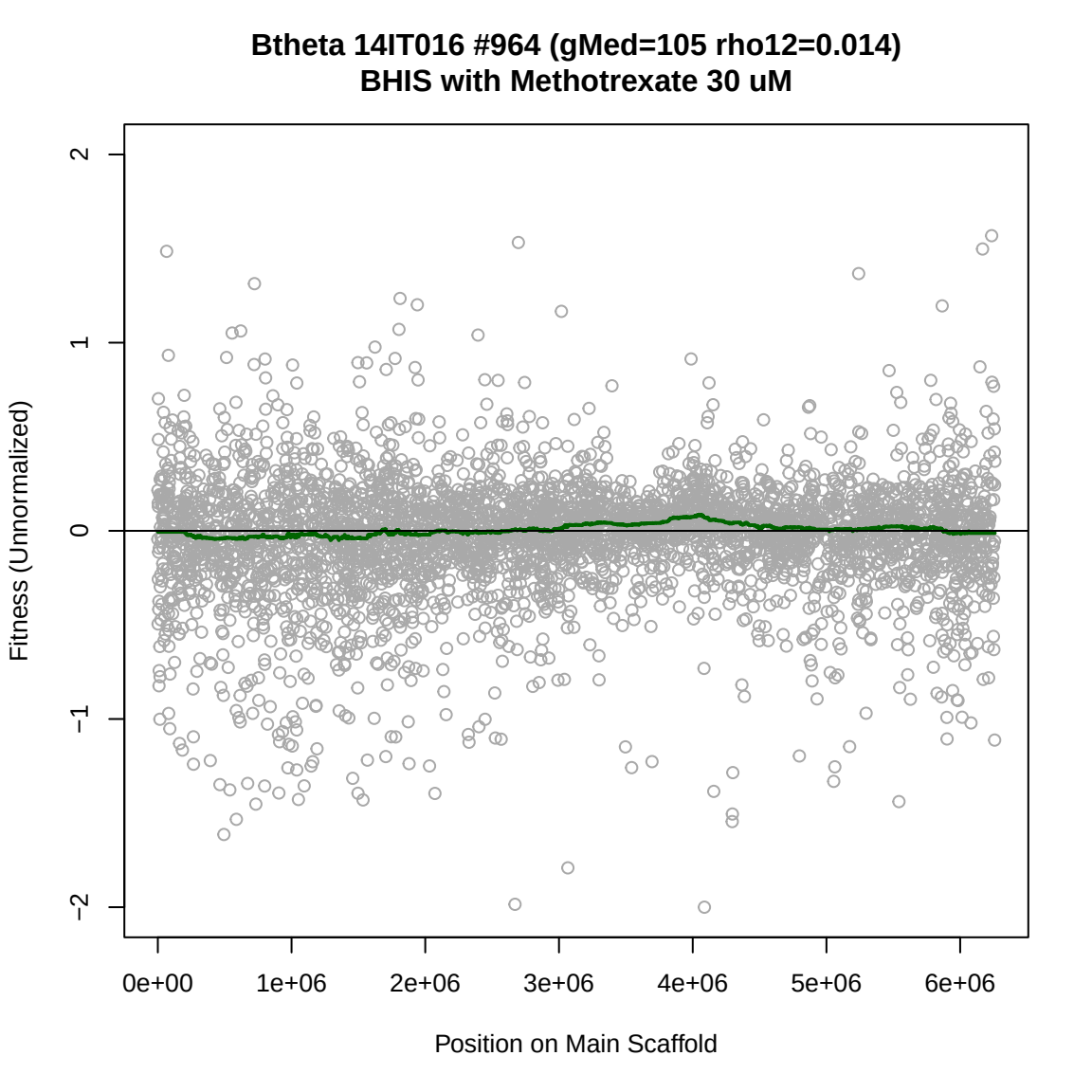

Btheta 14IT011 #959 (gMed=87 rho12=−0.003)
BHIS with Atorvastatin calcium salt trihydrate 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

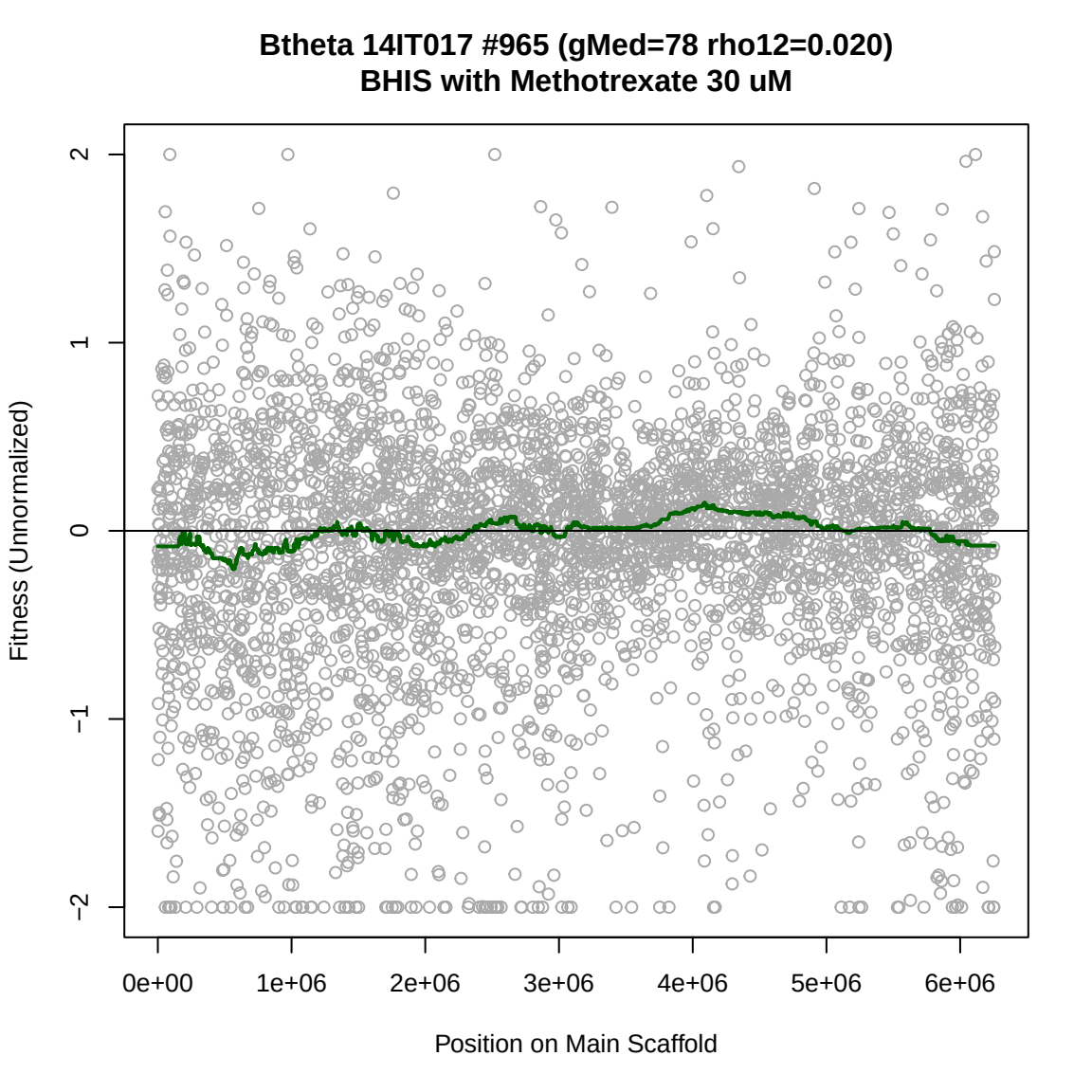

Btheta 14IT012 #960 (gMed=93 rho12=0.052)
BHIS with Methotrexate 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

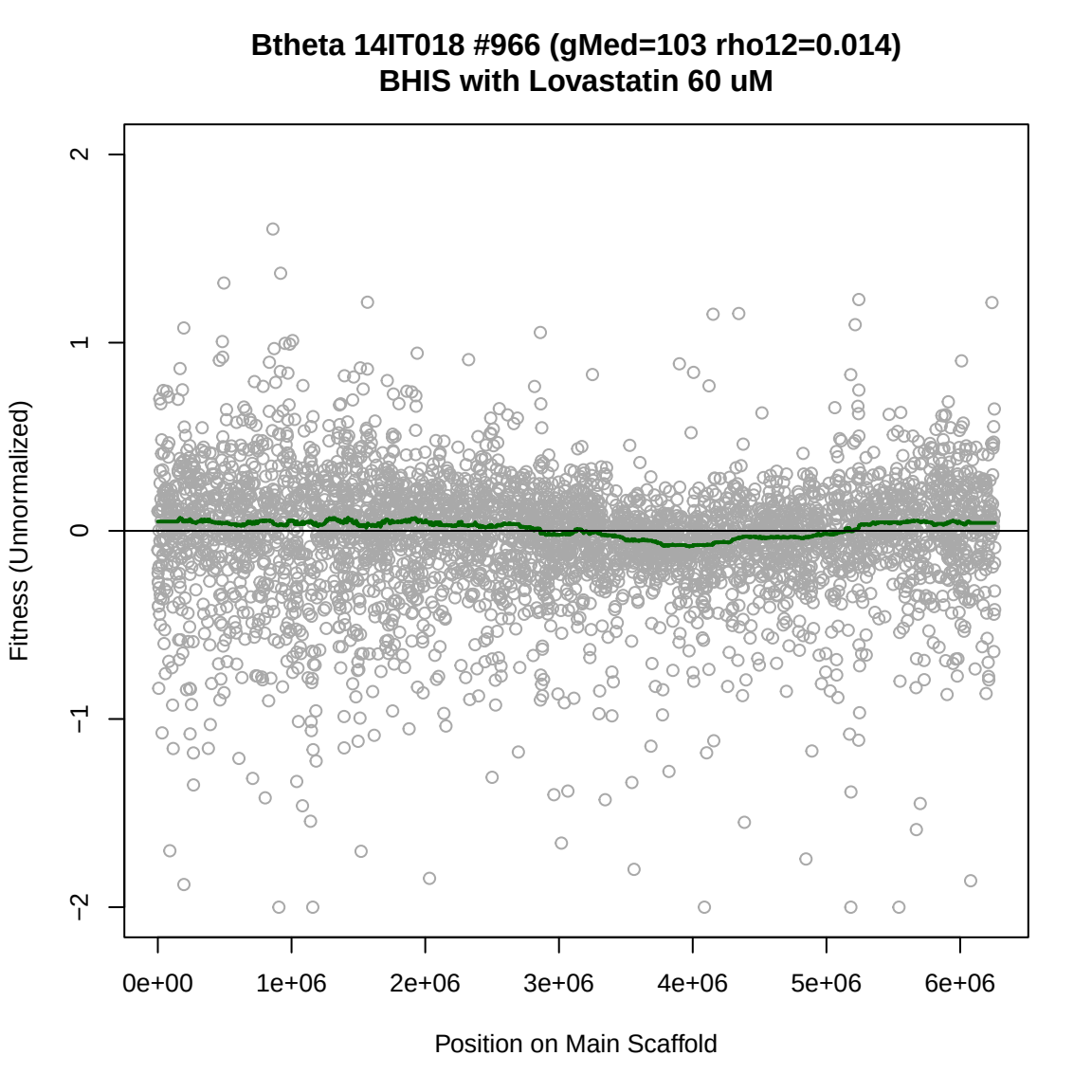

Btheta 14IT013 #961 (gMed=113 rho12=0.036)
BHIS with Fosmidomycin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

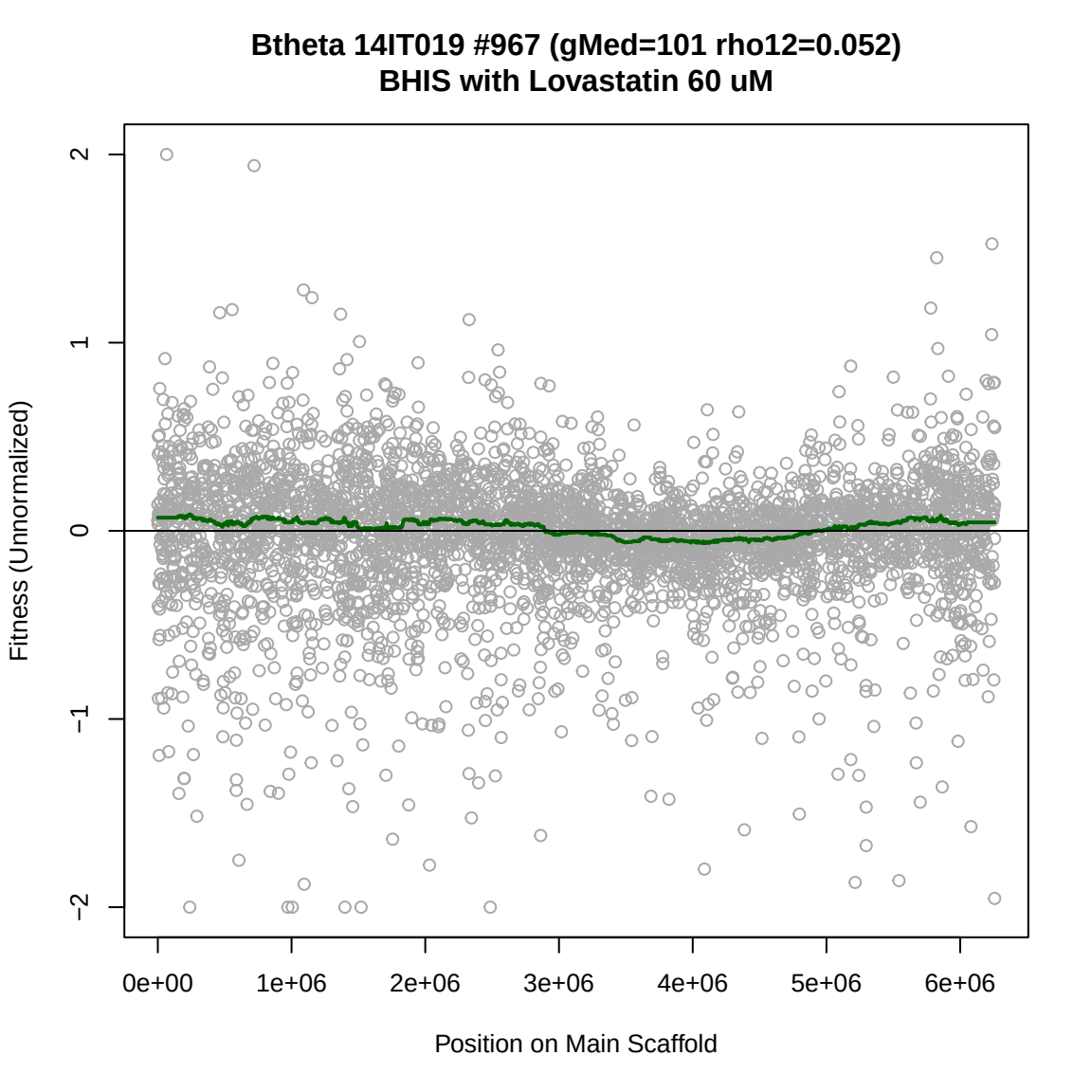

Btheta 14IT014 #962 (gMed=113 rho12=0.052)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

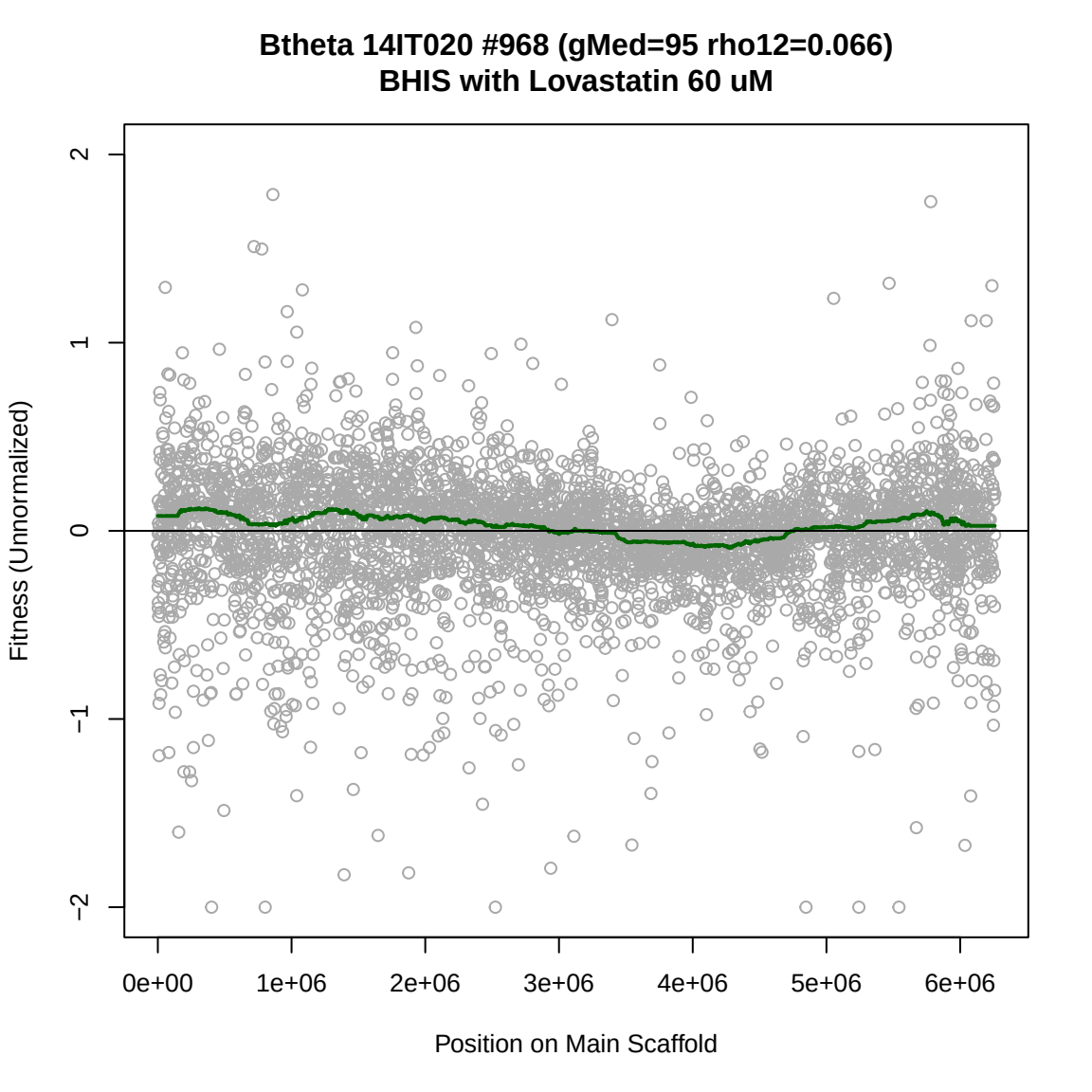

Btheta 14IT015 #963 (gMed=109 rho12=0.025)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

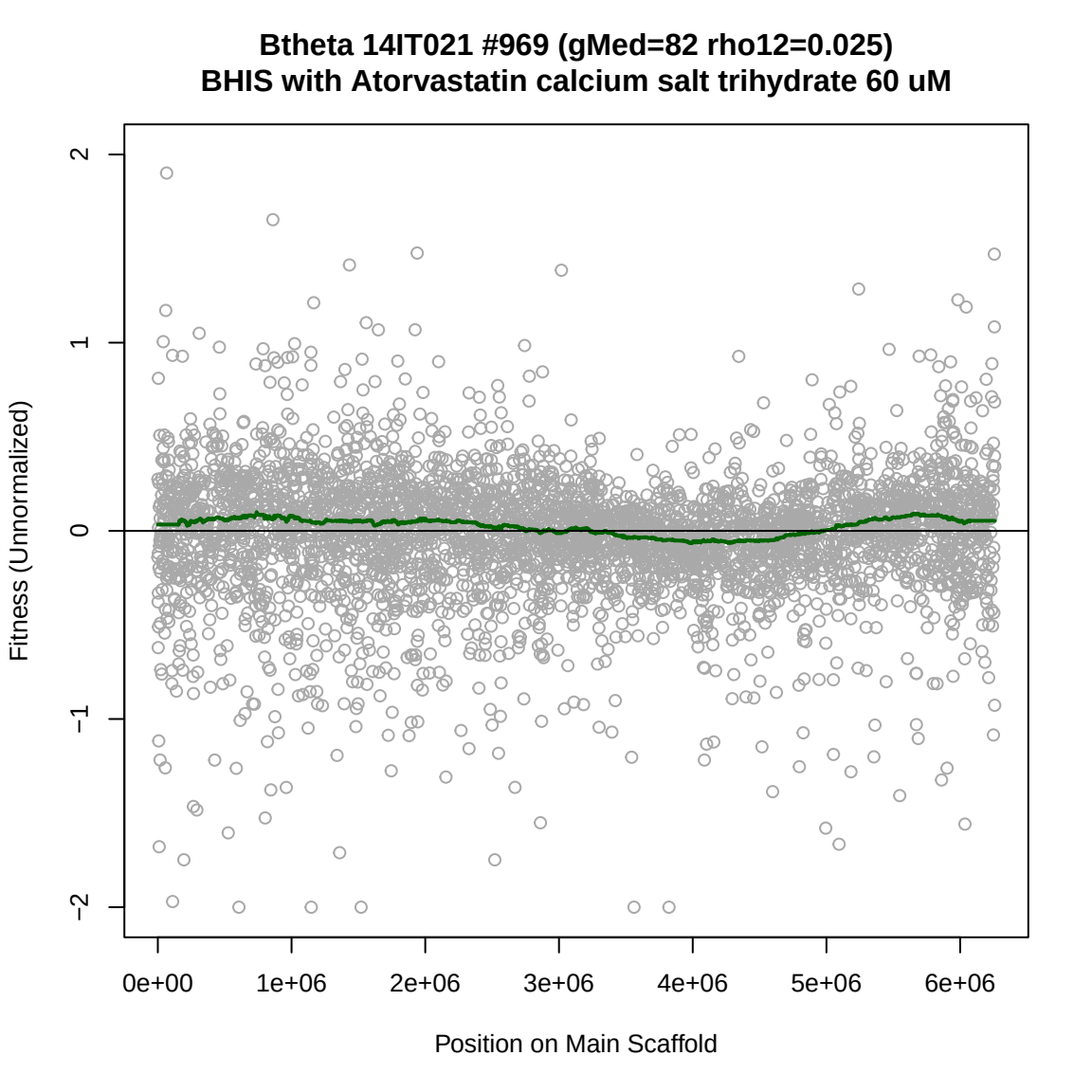

Btheta 14IT016 #964 (gMed=105 rho12=0.014)
BHIS with Methotrexate 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

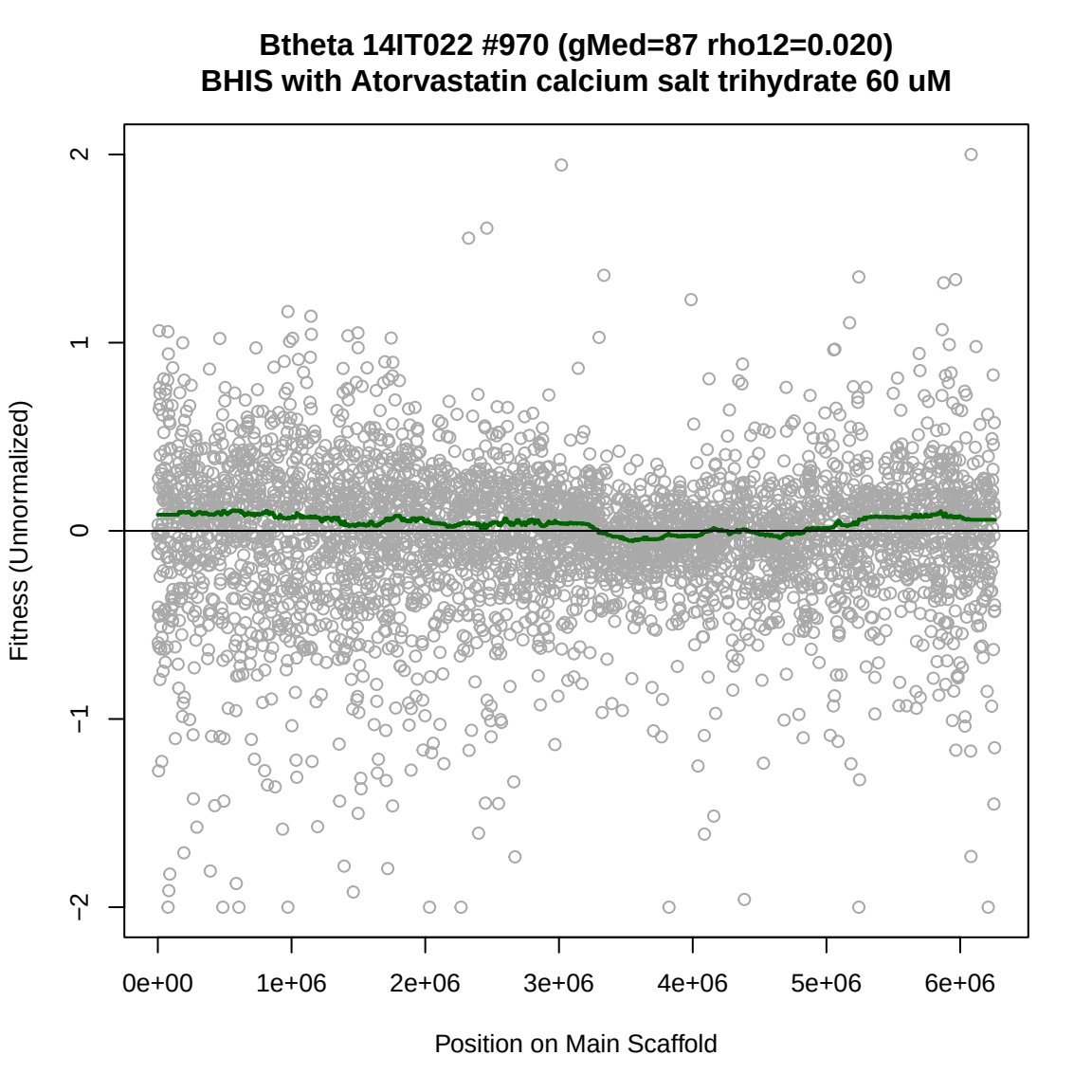

Btheta 14IT017 #965 (gMed=78 rho12=0.020)
BHIS with Methotrexate 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

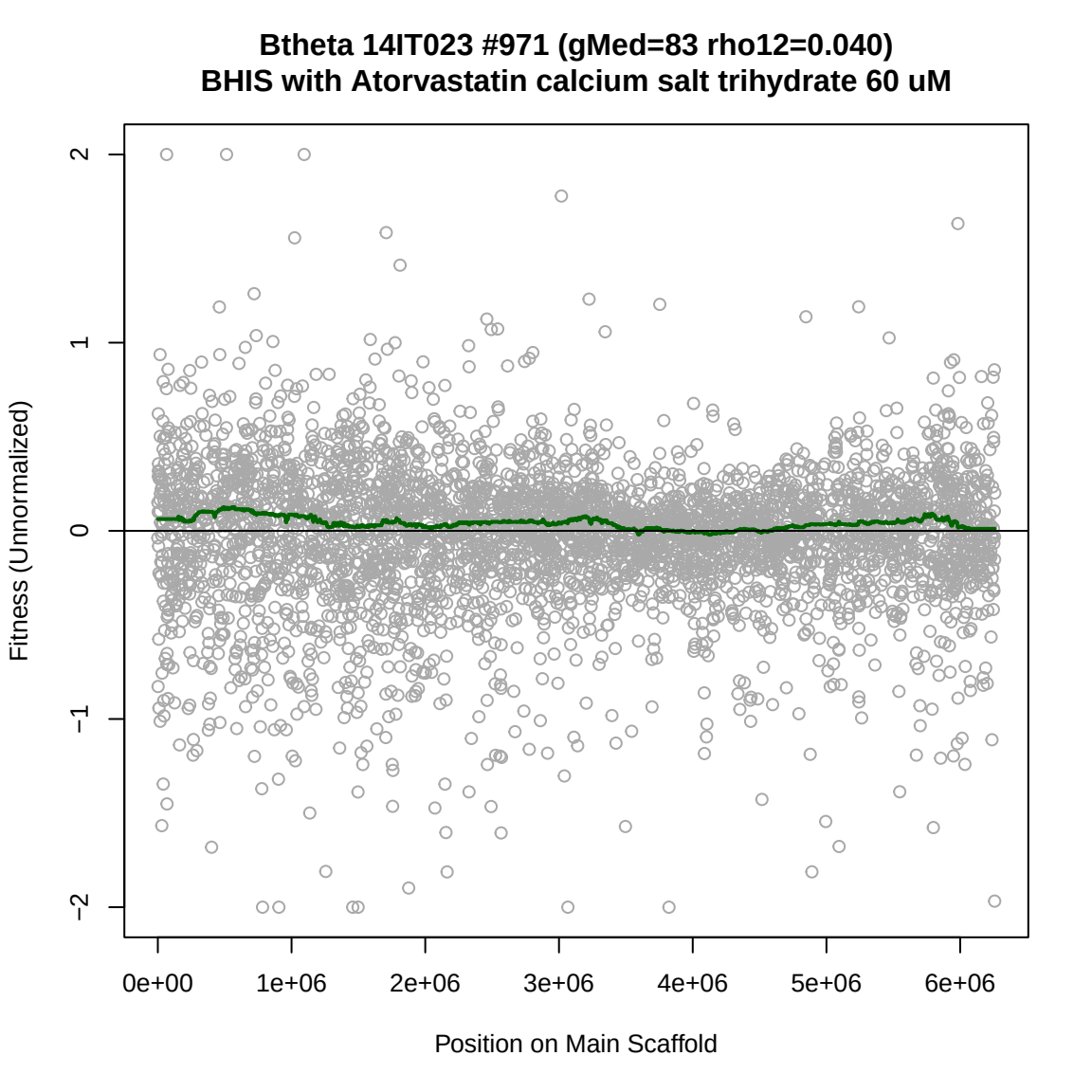

Btheta 14IT018 #966 (gMed=103 rho12=0.014)
BHIS with Lovastatin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

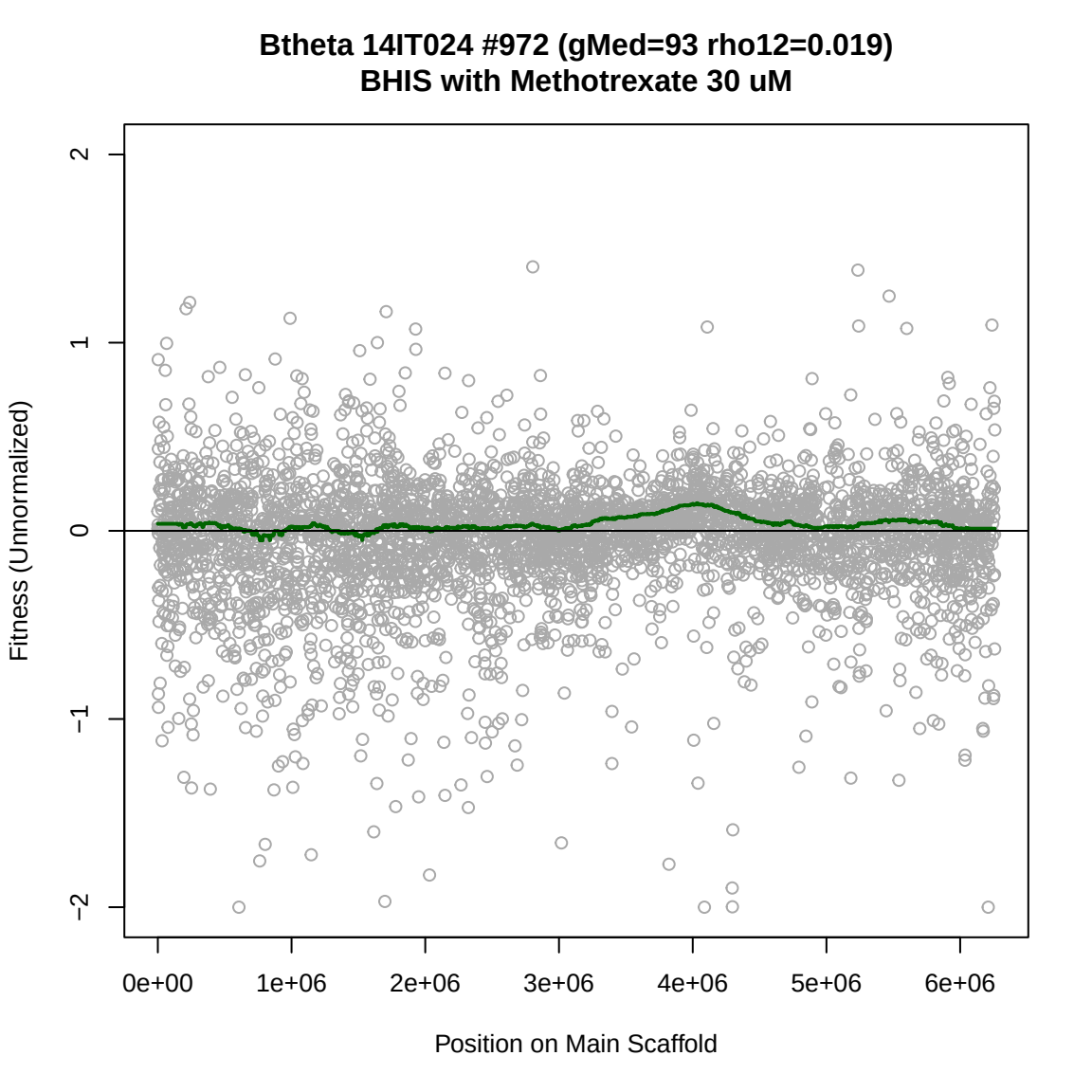

Btheta 14IT019 #967 (gMed=101 rho12=0.052)
BHIS with Lovastatin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

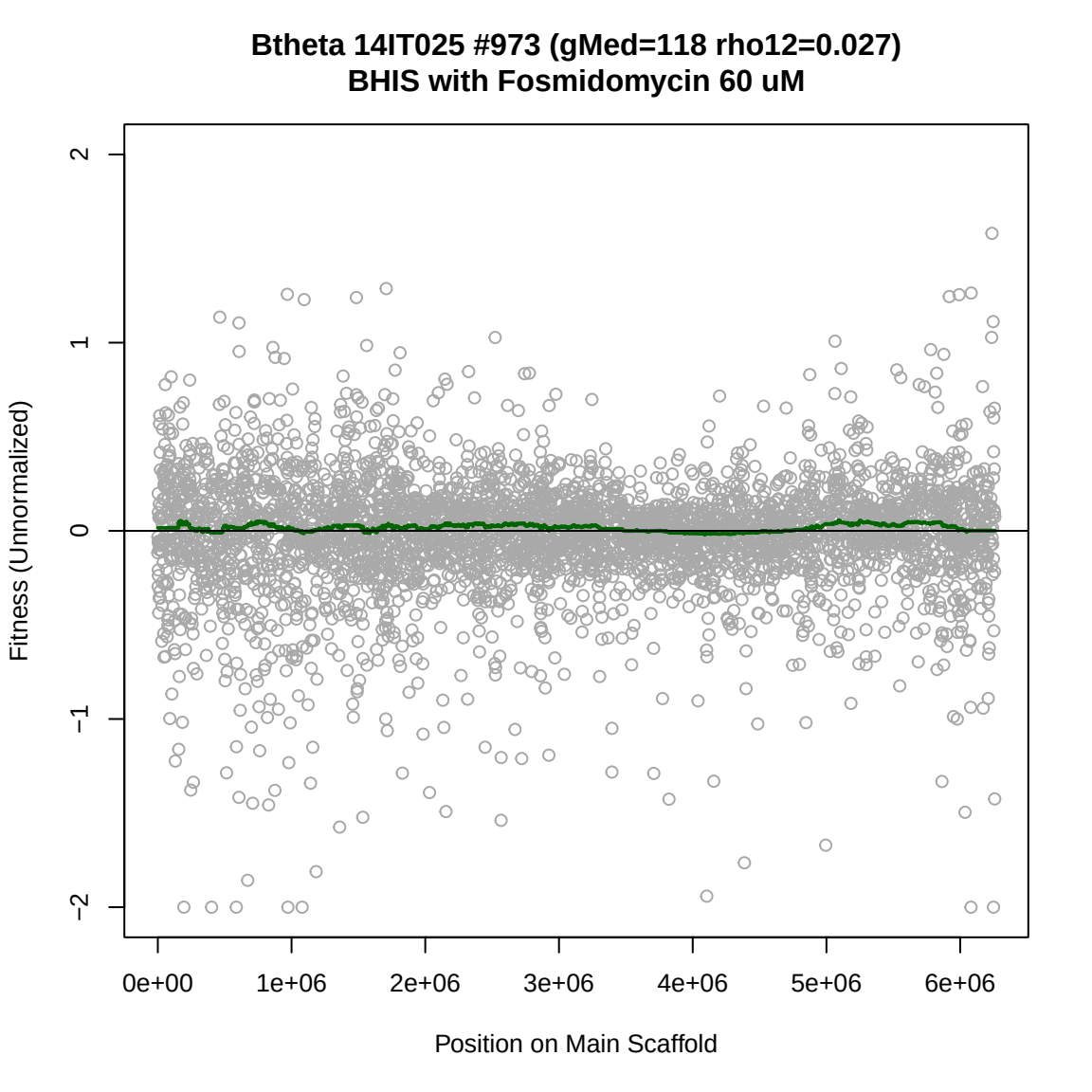

Btheta 14IT020 #968 (gMed=95 rho12=0.066)
BHIS with Lovastatin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

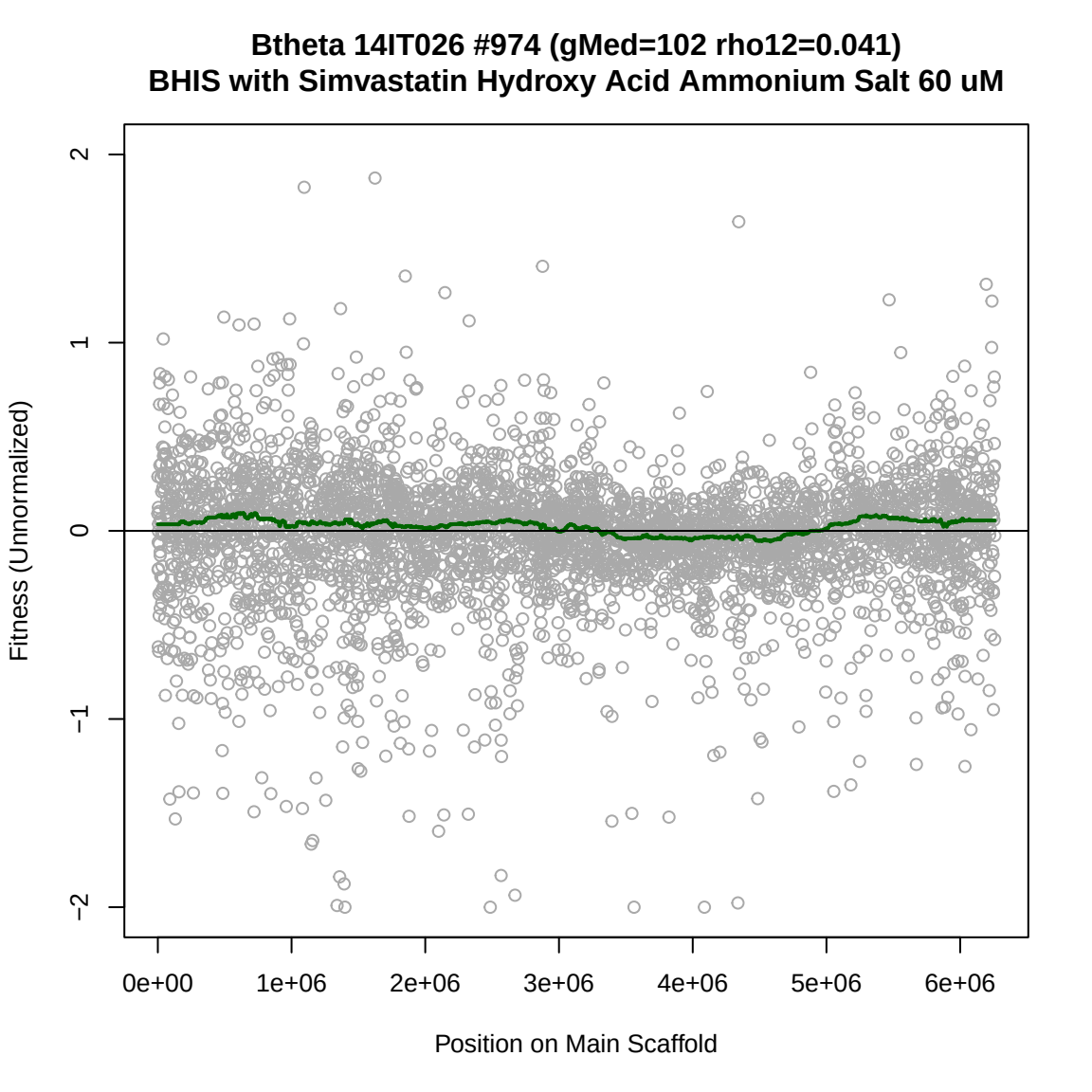

Btheta 14IT021 #969 (gMed=82 rho12=0.025)
BHIS with Atorvastatin calcium salt trihydrate 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

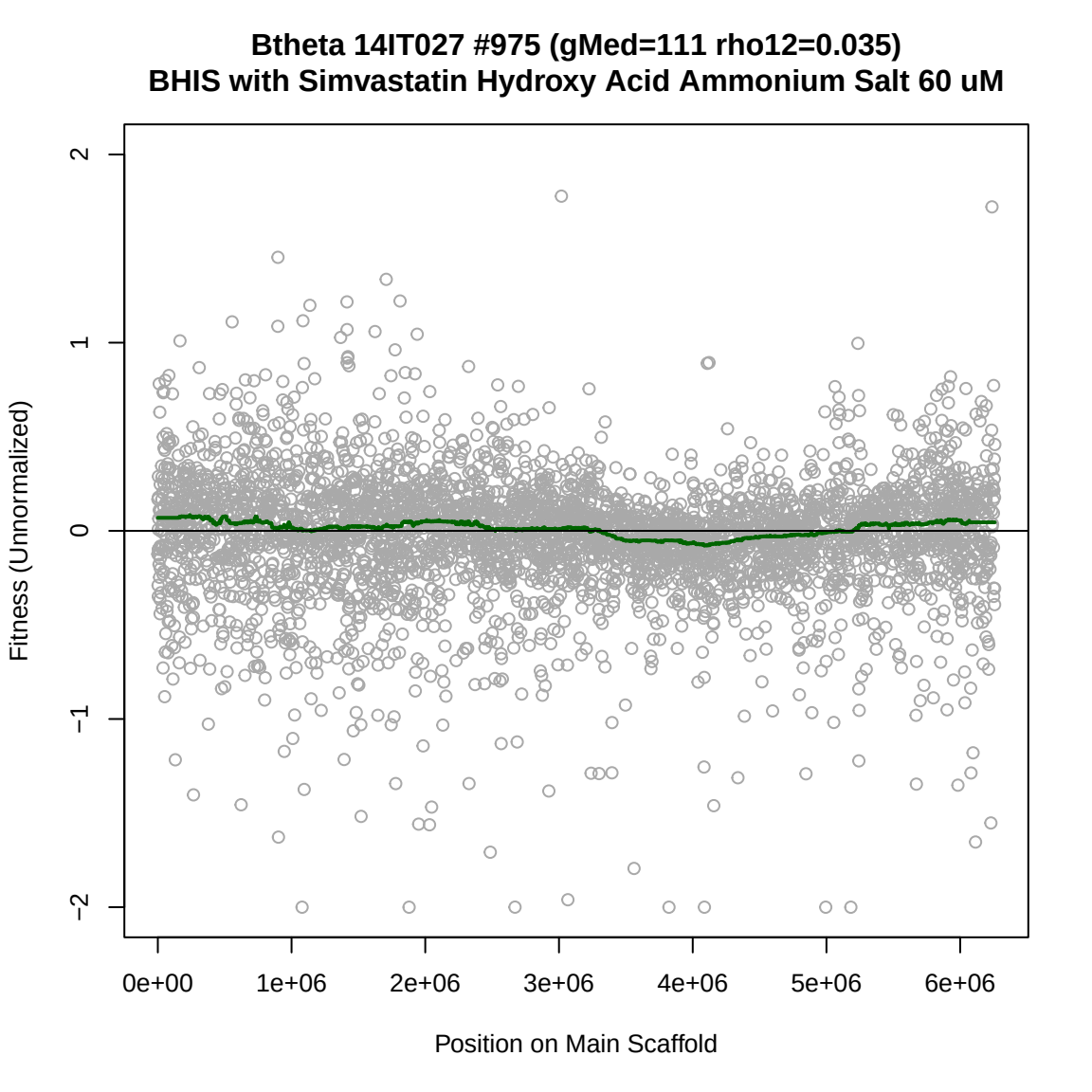

Btheta 14IT022 #970 (gMed=87 rho12=0.020)
BHIS with Atorvastatin calcium salt trihydrate 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

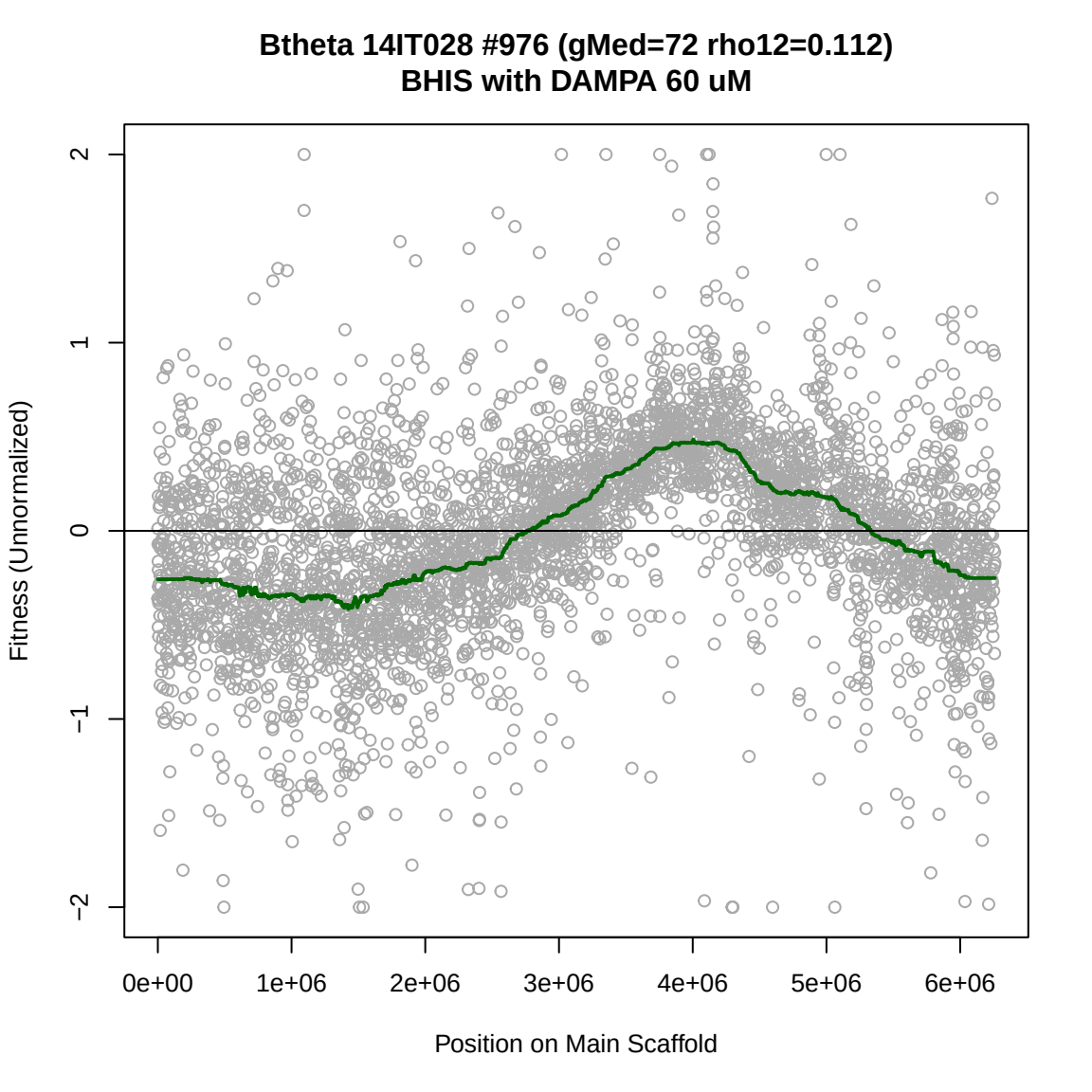

Btheta 14IT023 #971 (gMed=83 rho12=0.040)
BHIS with Atorvastatin calcium salt trihydrate 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

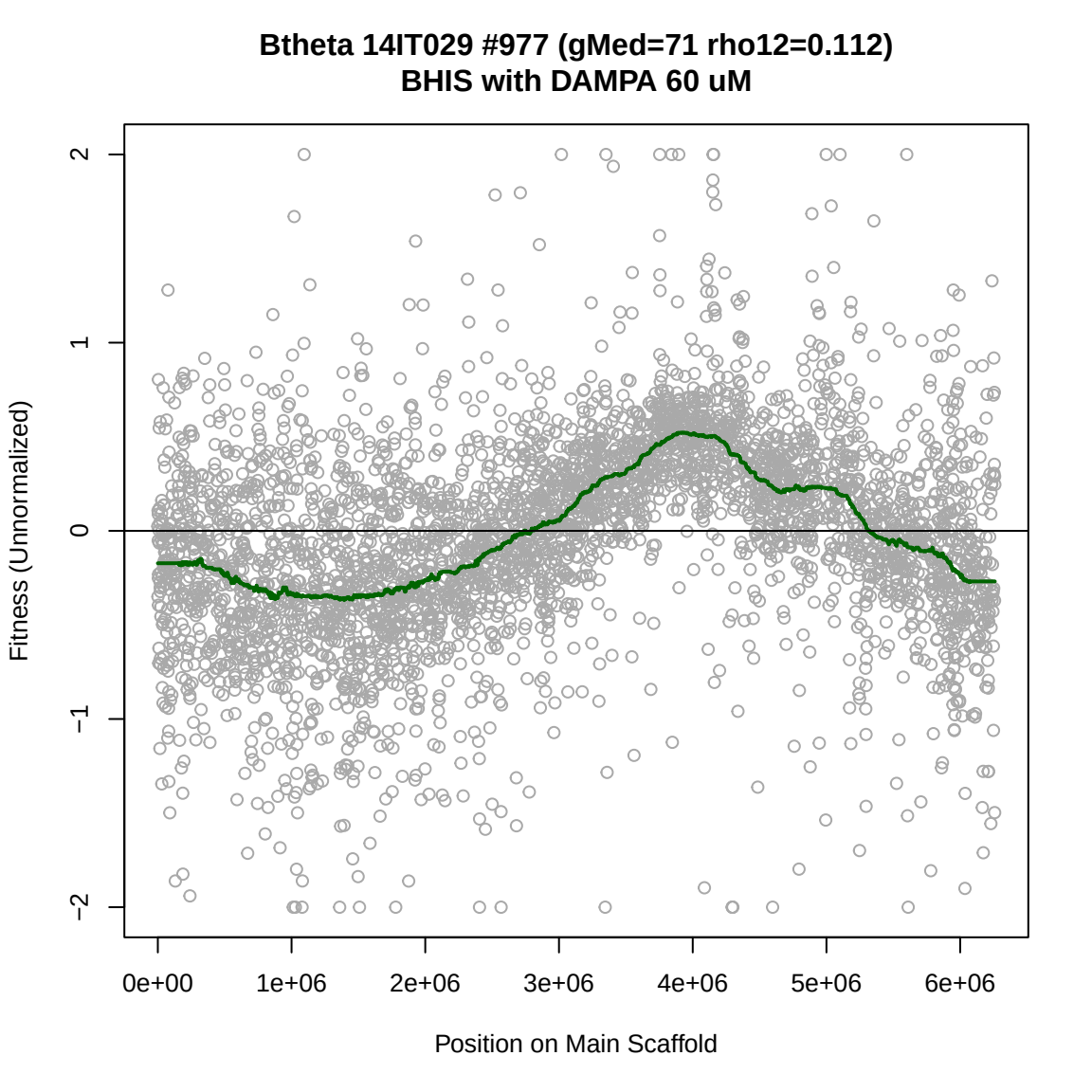

Btheta 14IT024 #972 (gMed=93 rho12=0.019)
BHIS with Methotrexate 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

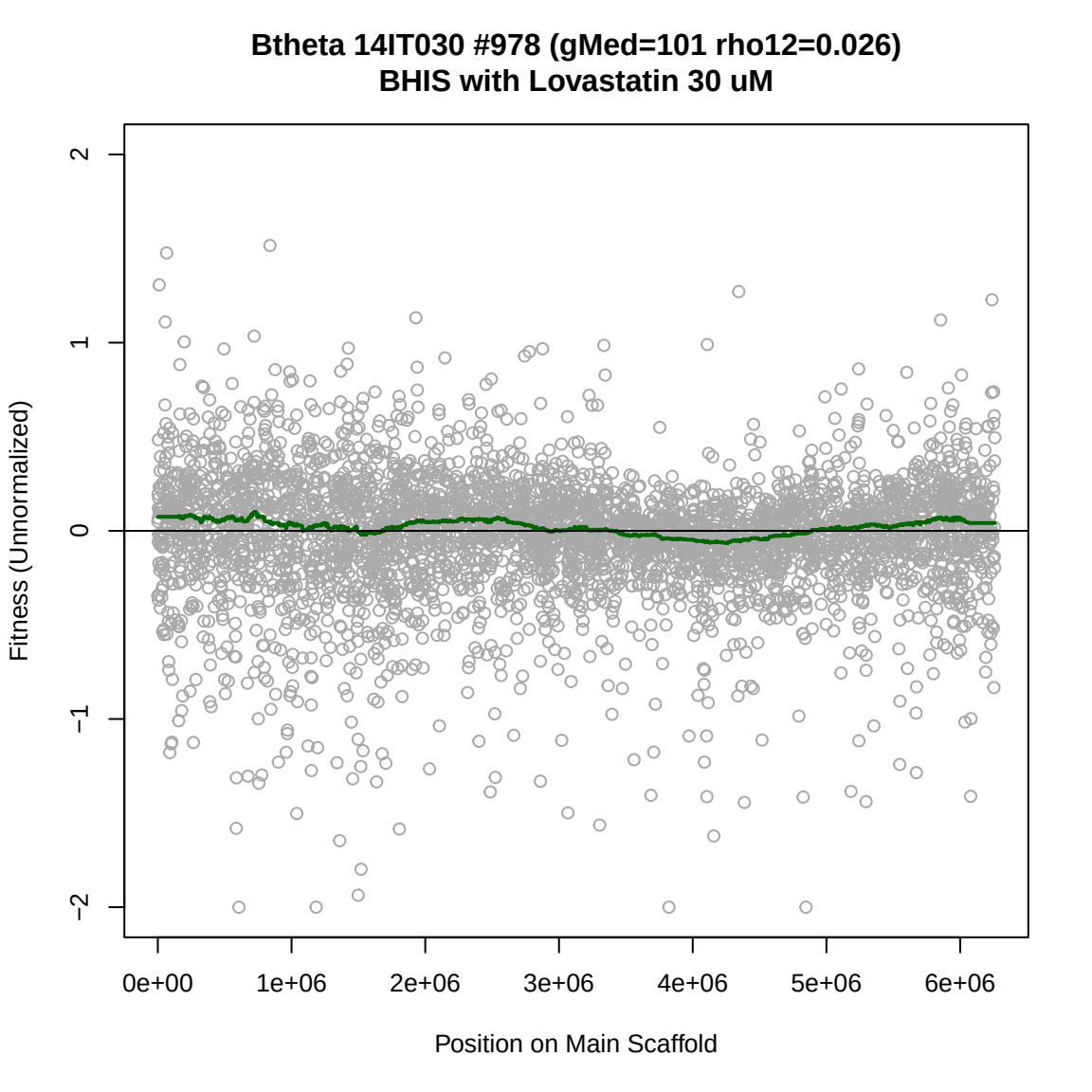

Btheta 14IT025 #973 (gMed=118 rho12=0.027)
BHIS with Fosmidomycin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

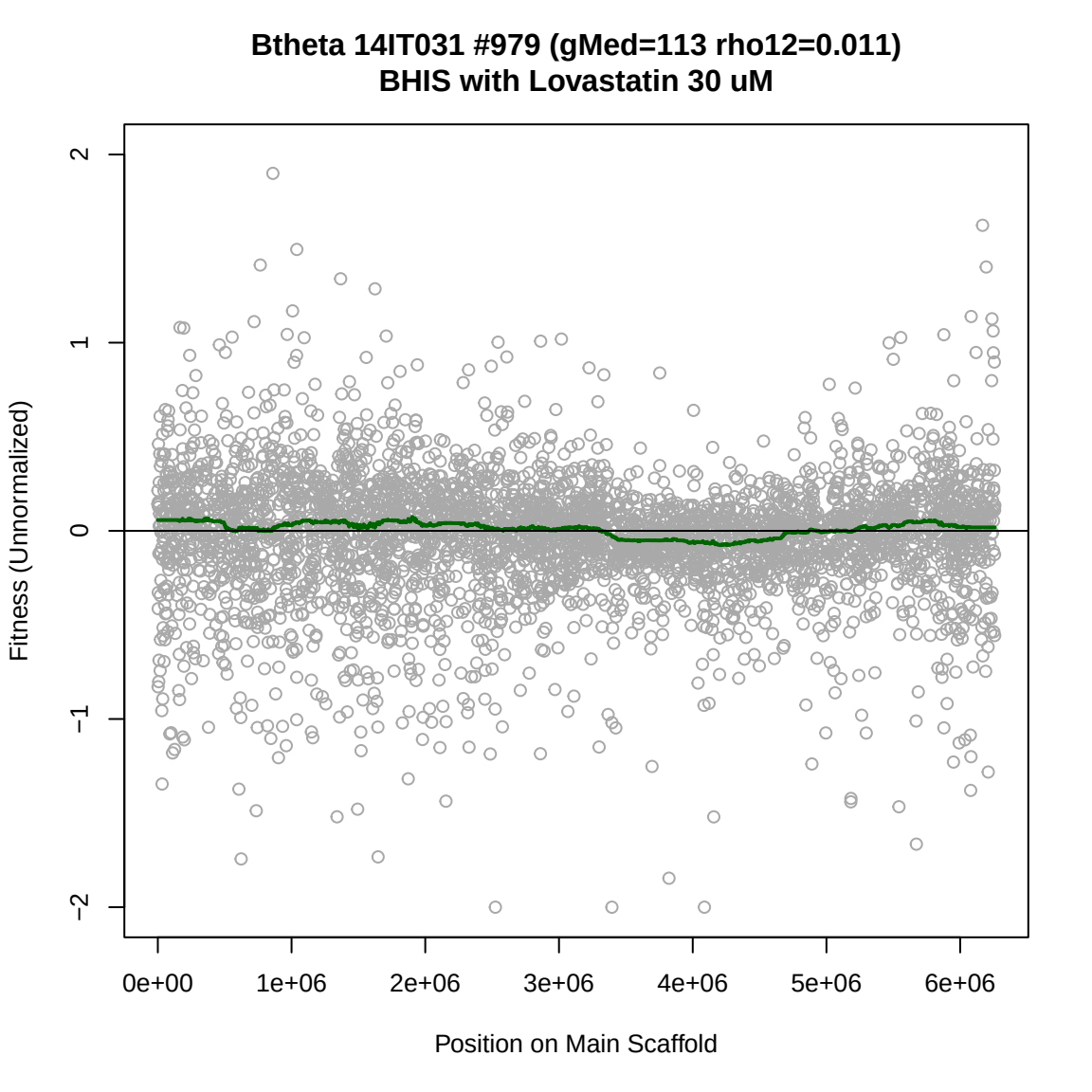

Btheta 14IT026 #974 (gMed=102 rho12=0.041)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

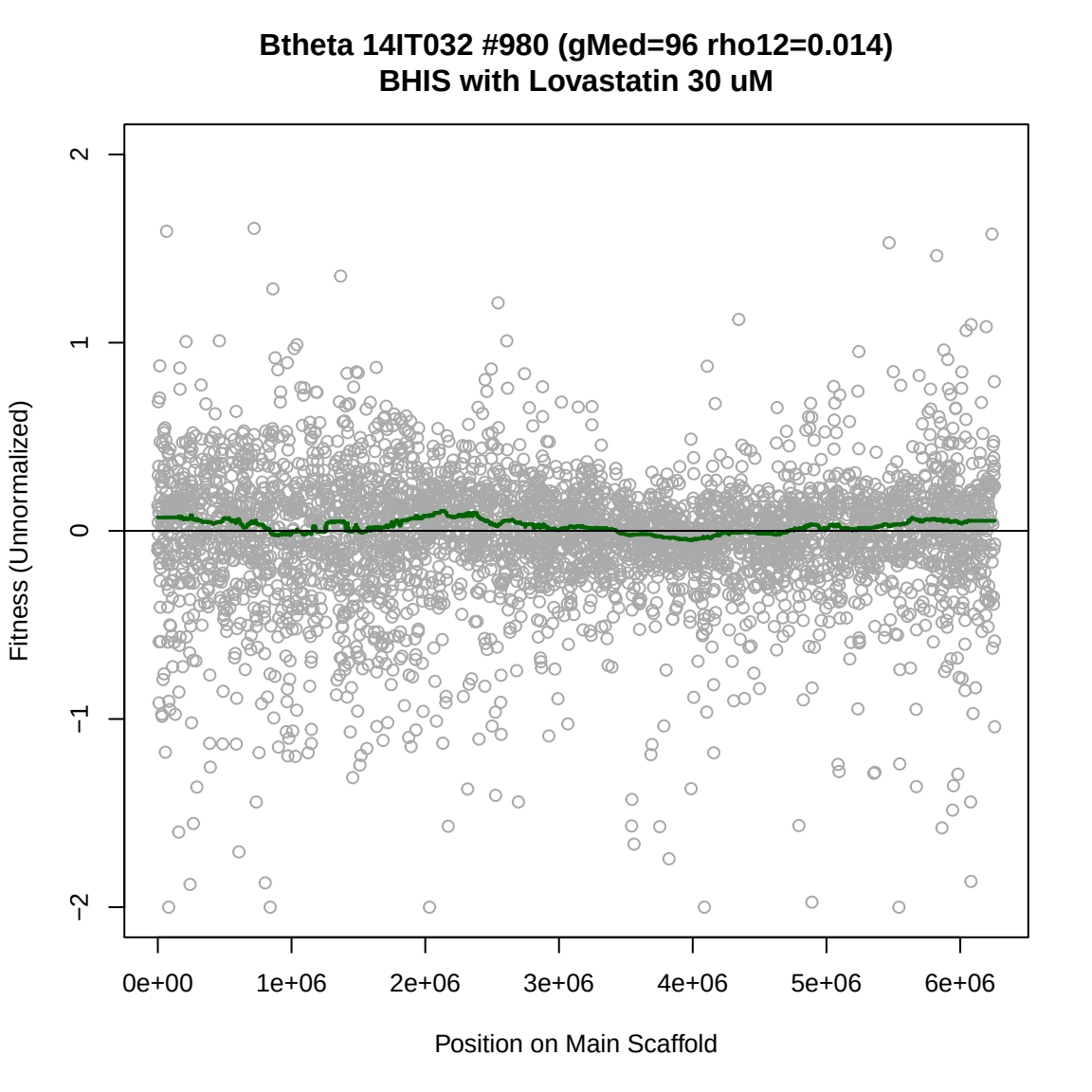

Btheta 14IT027 #975 (gMed=111 rho12=0.035)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

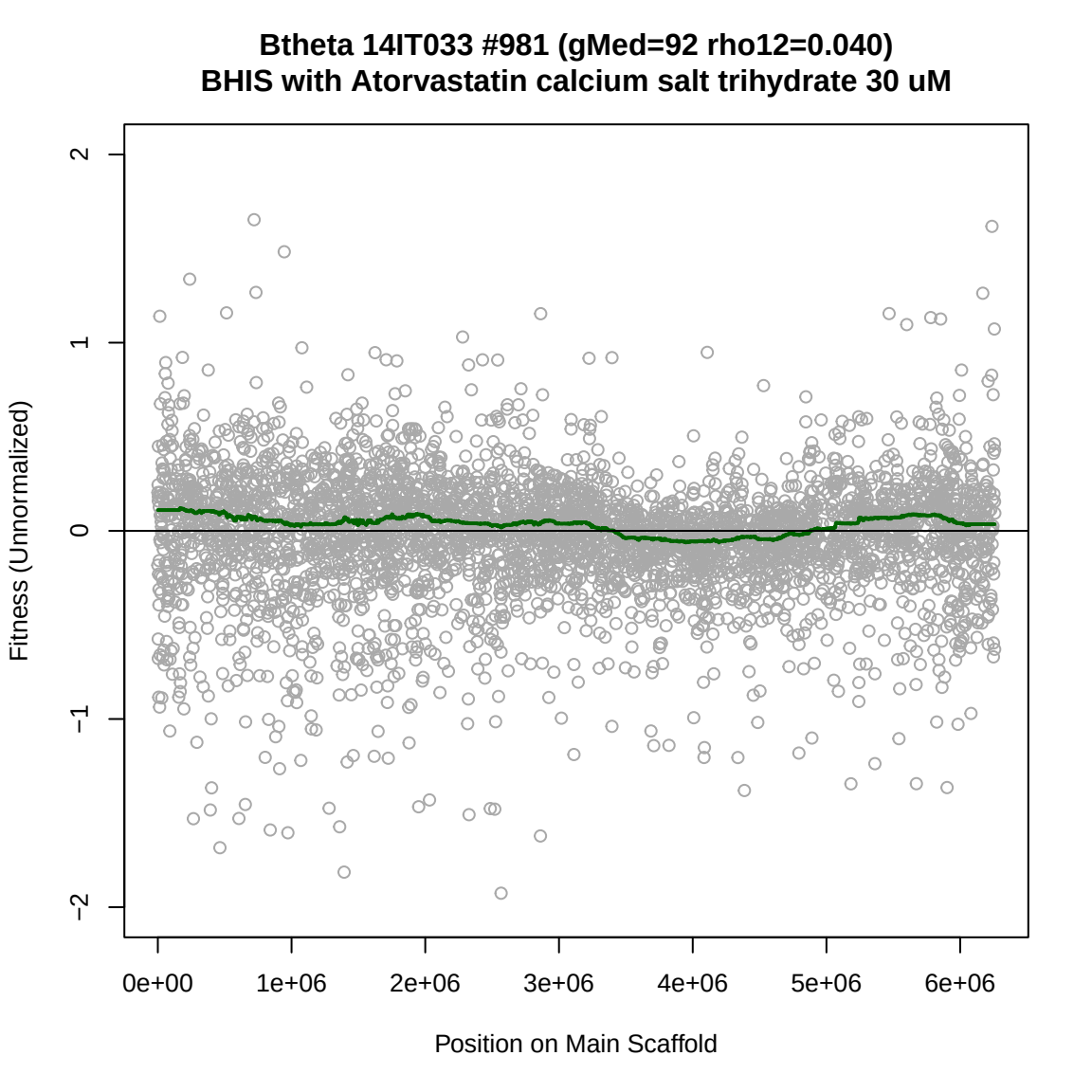

Btheta 14IT028 #976 (gMed=72 rho12=0.112)
BHIS with DAMPA 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

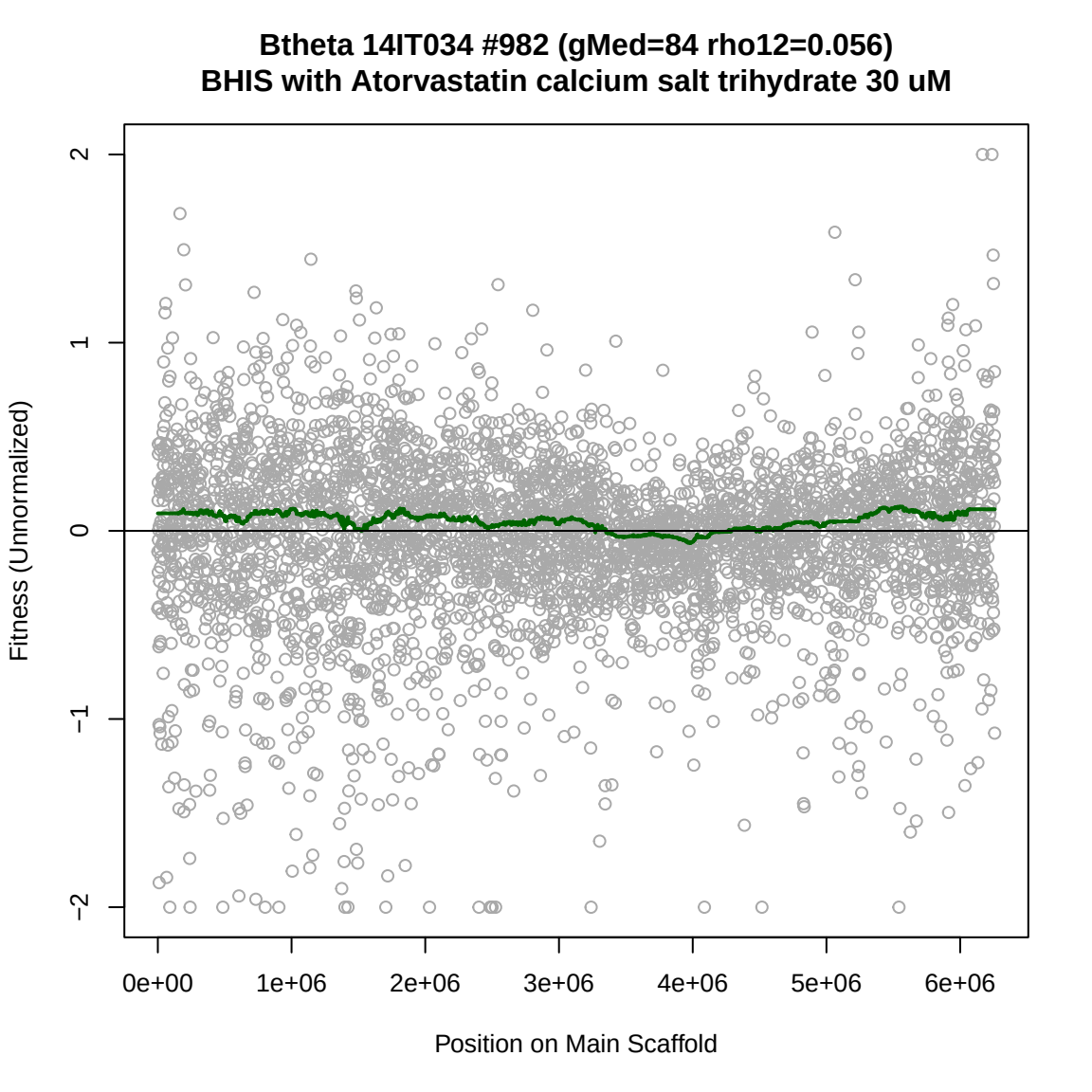

Btheta 14IT029 #977 (gMed=71 rho12=0.112)
BHIS with DAMPA 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

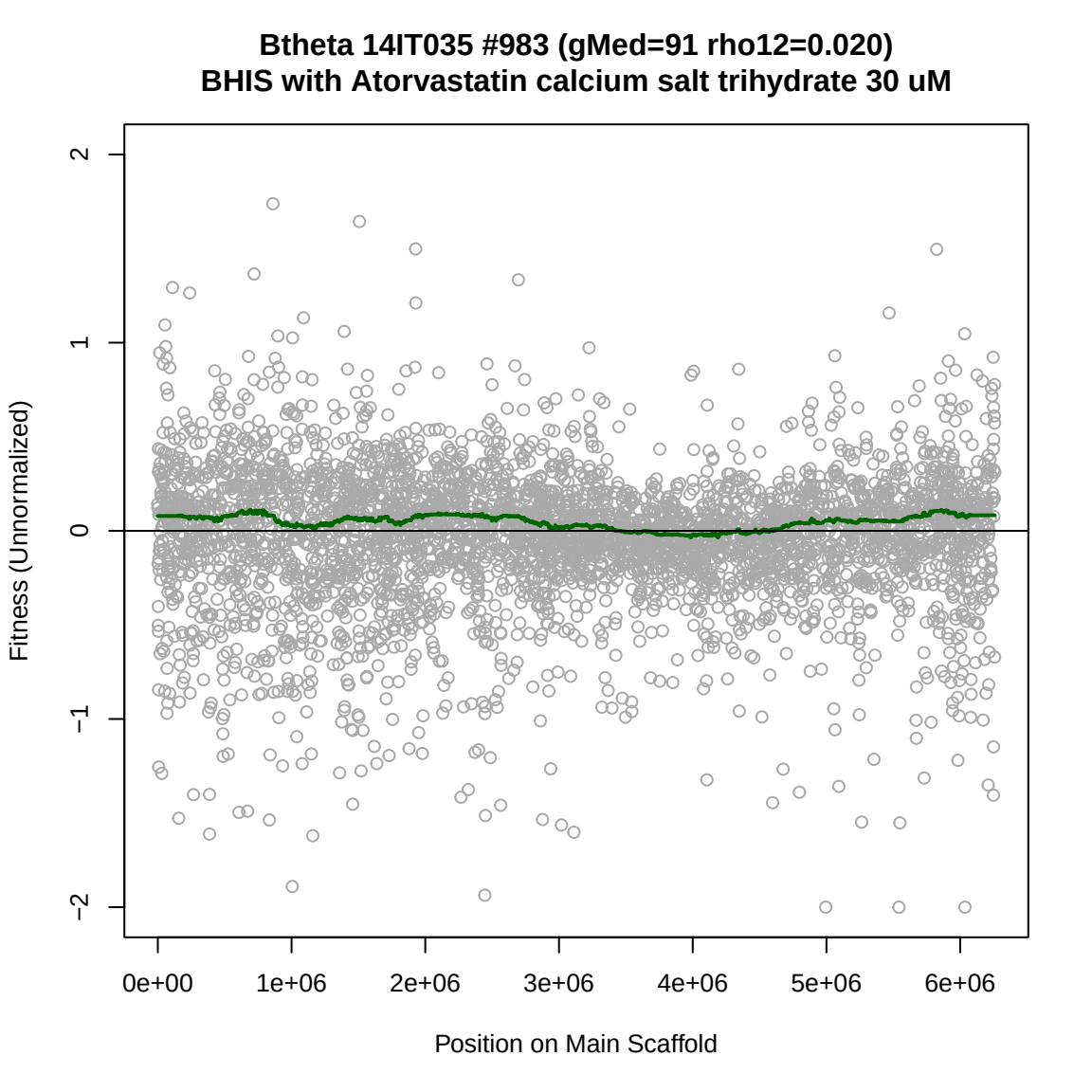

Btheta 14IT030 #978 (gMed=101 rho12=0.026)
BHIS with Lovastatin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

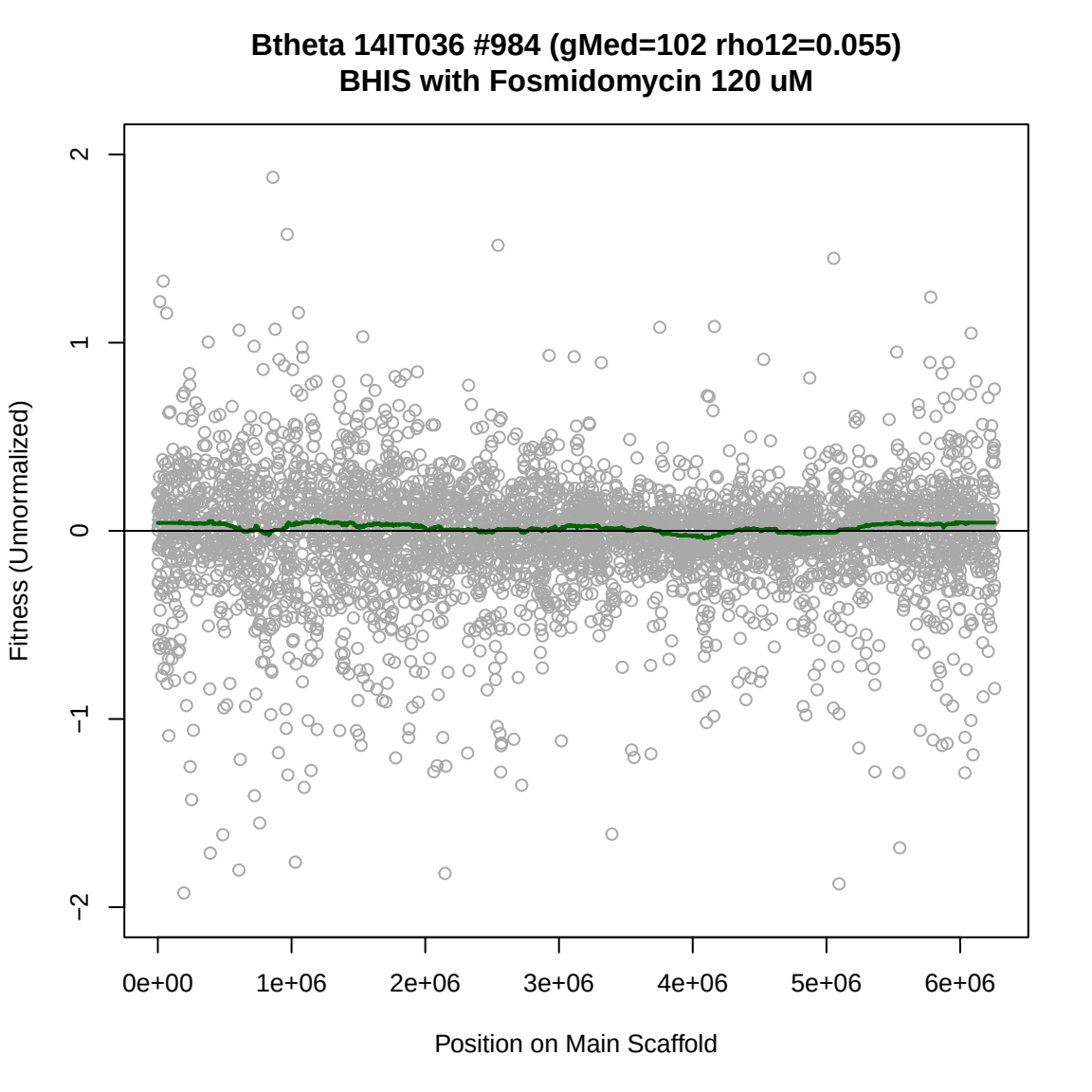

Btheta 14IT031 #979 (gMed=113 rho12=0.011)
BHIS with Lovastatin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

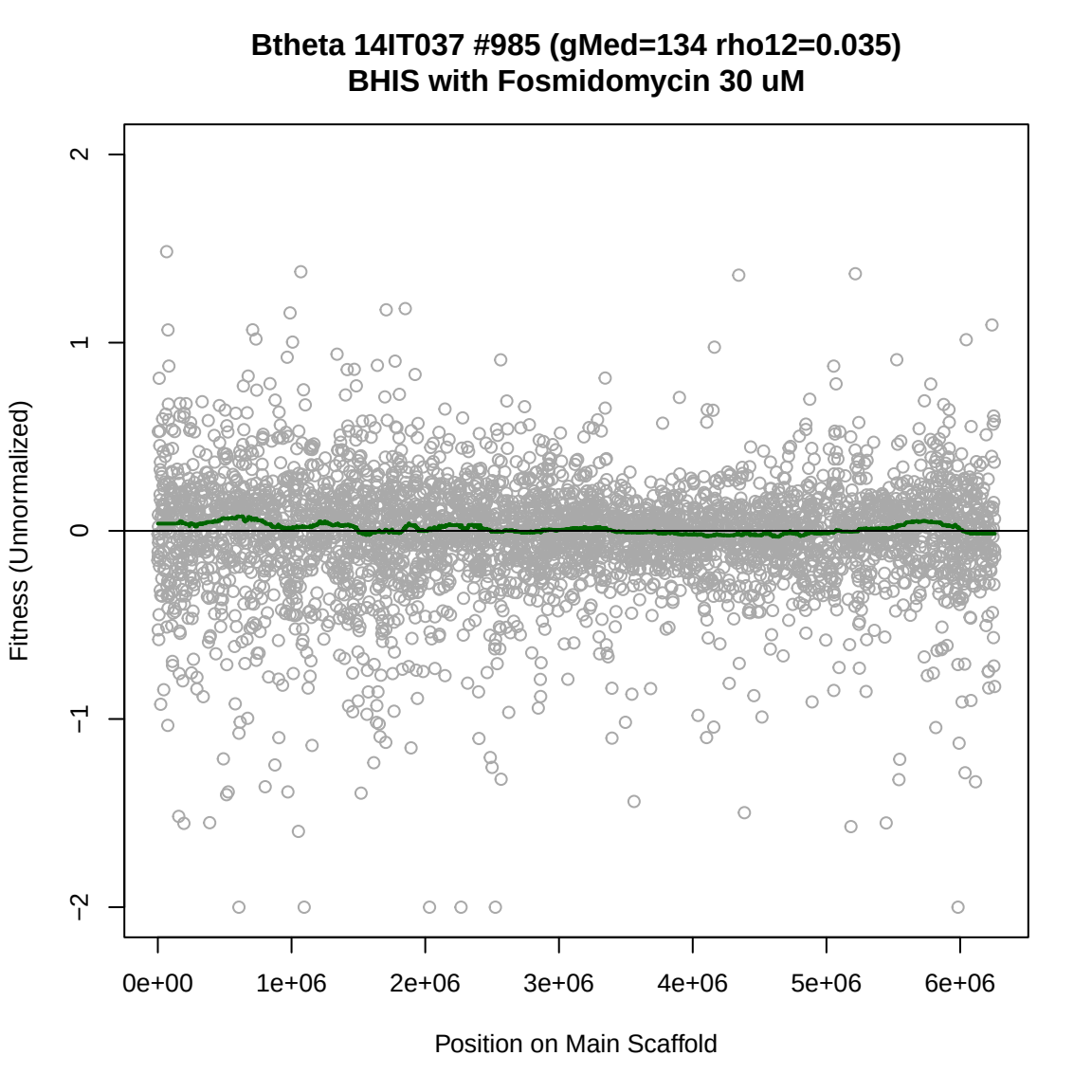

Btheta 14IT032 #980 (gMed=96 rho12=0.014)
BHIS with Lovastatin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

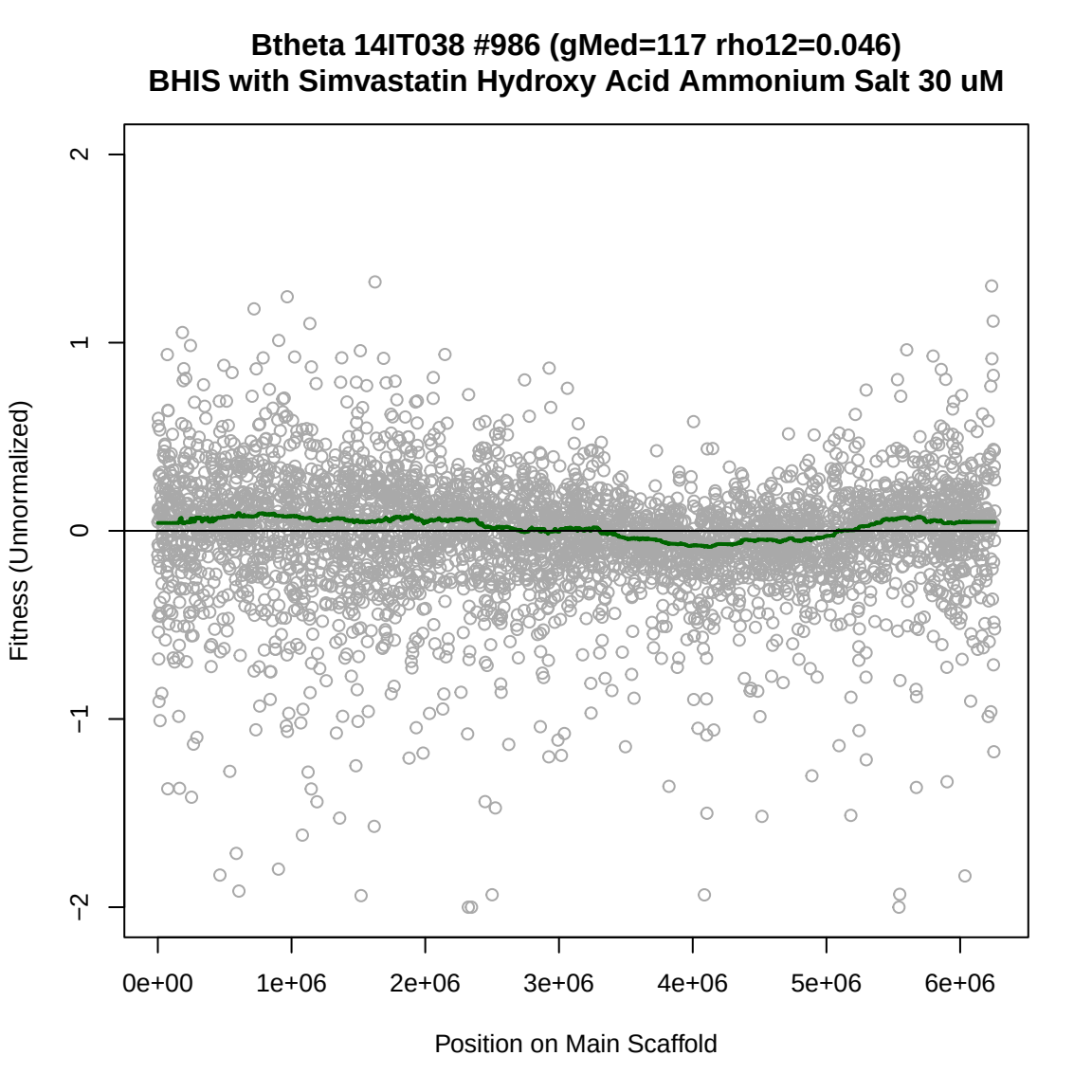

Btheta 14IT033 #981 (gMed=92 rho12=0.040)
BHIS with Atorvastatin calcium salt trihydrate 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

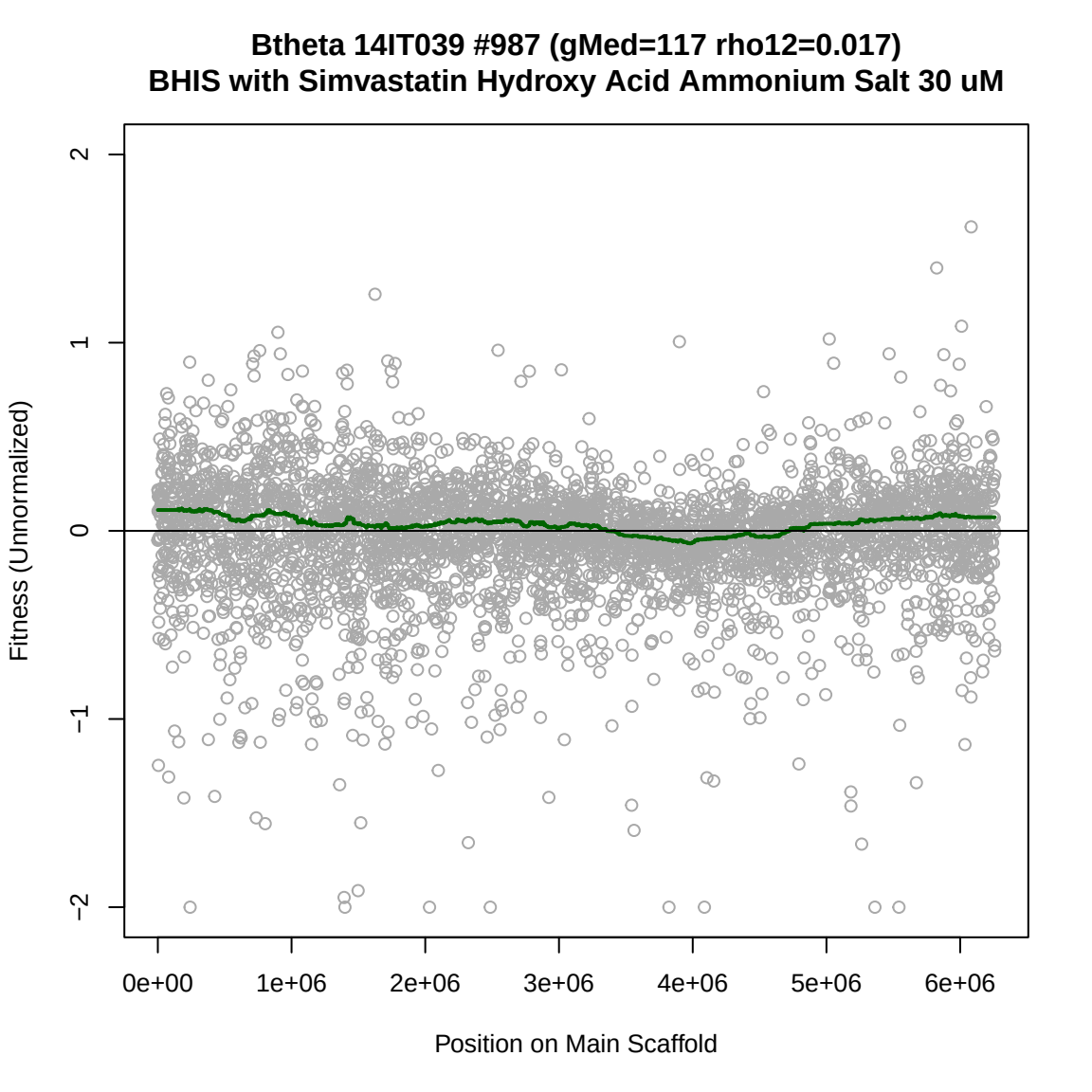

Btheta 14IT034 #982 (gMed=84 rho12=0.056)
BHIS with Atorvastatin calcium salt trihydrate 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

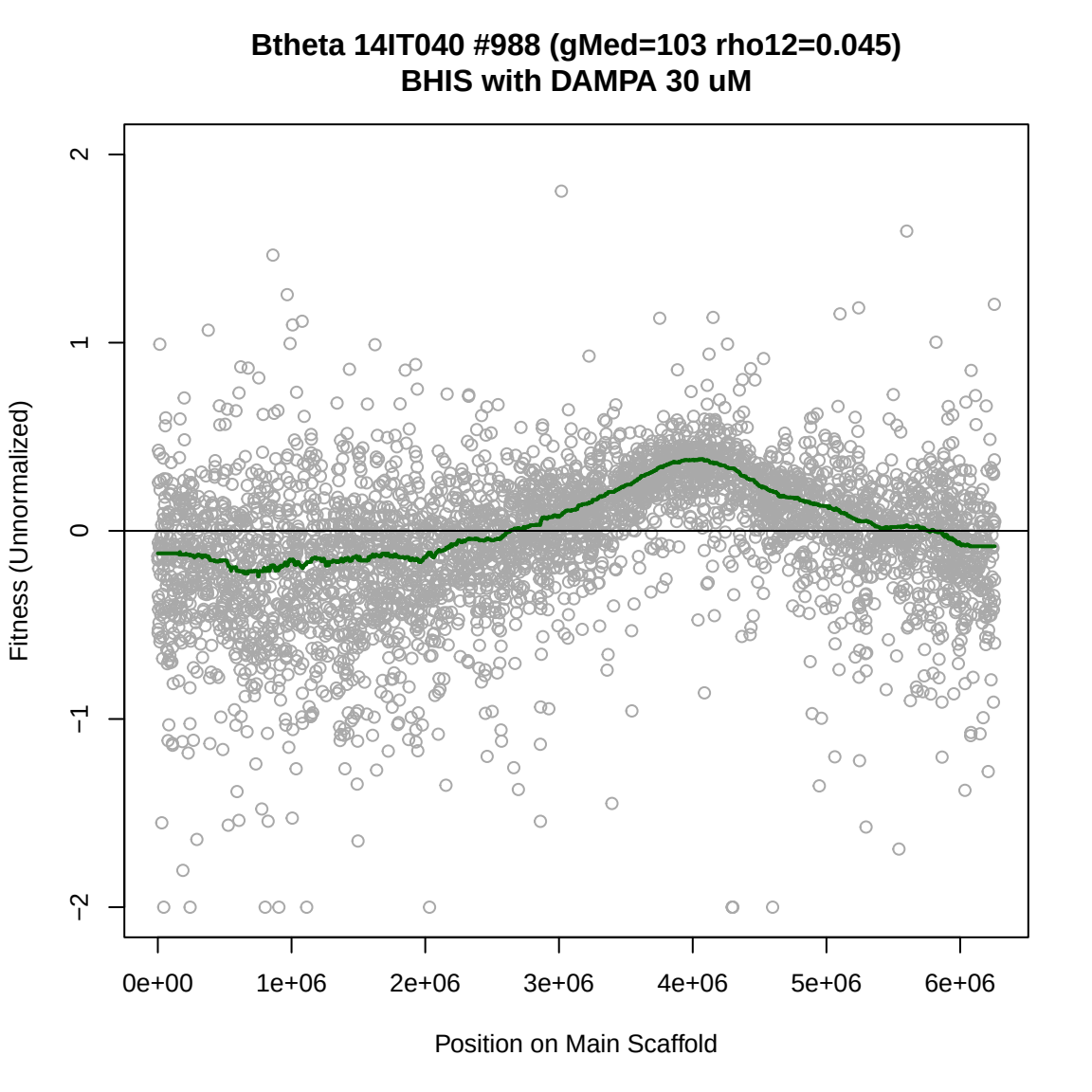

Btheta 14IT035 #983 (gMed=91 rho12=0.020)
BHIS with Atorvastatin calcium salt trihydrate 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

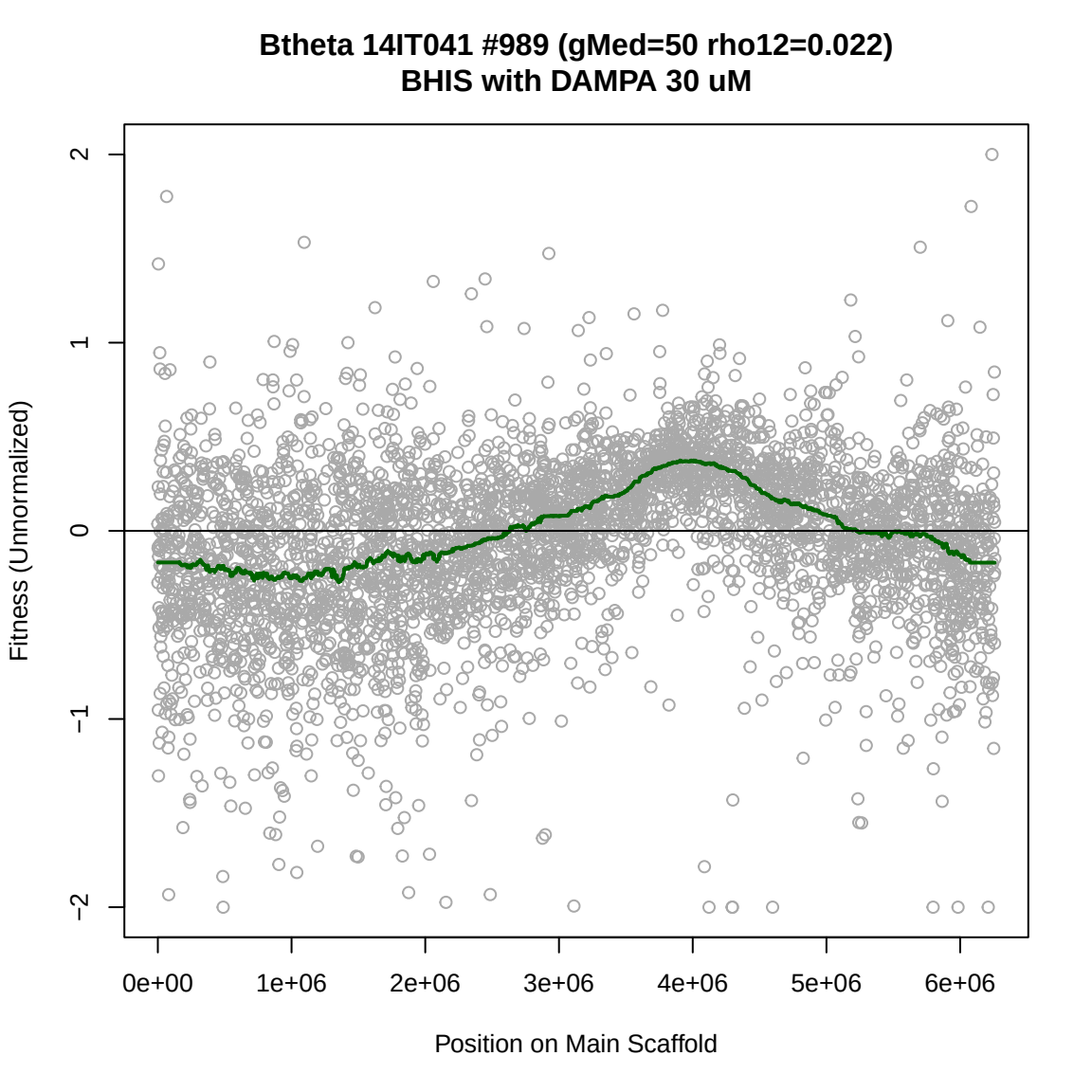

Btheta 14IT036 #984 (gMed=102 rho12=0.055)
BHIS with Fosmidomycin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

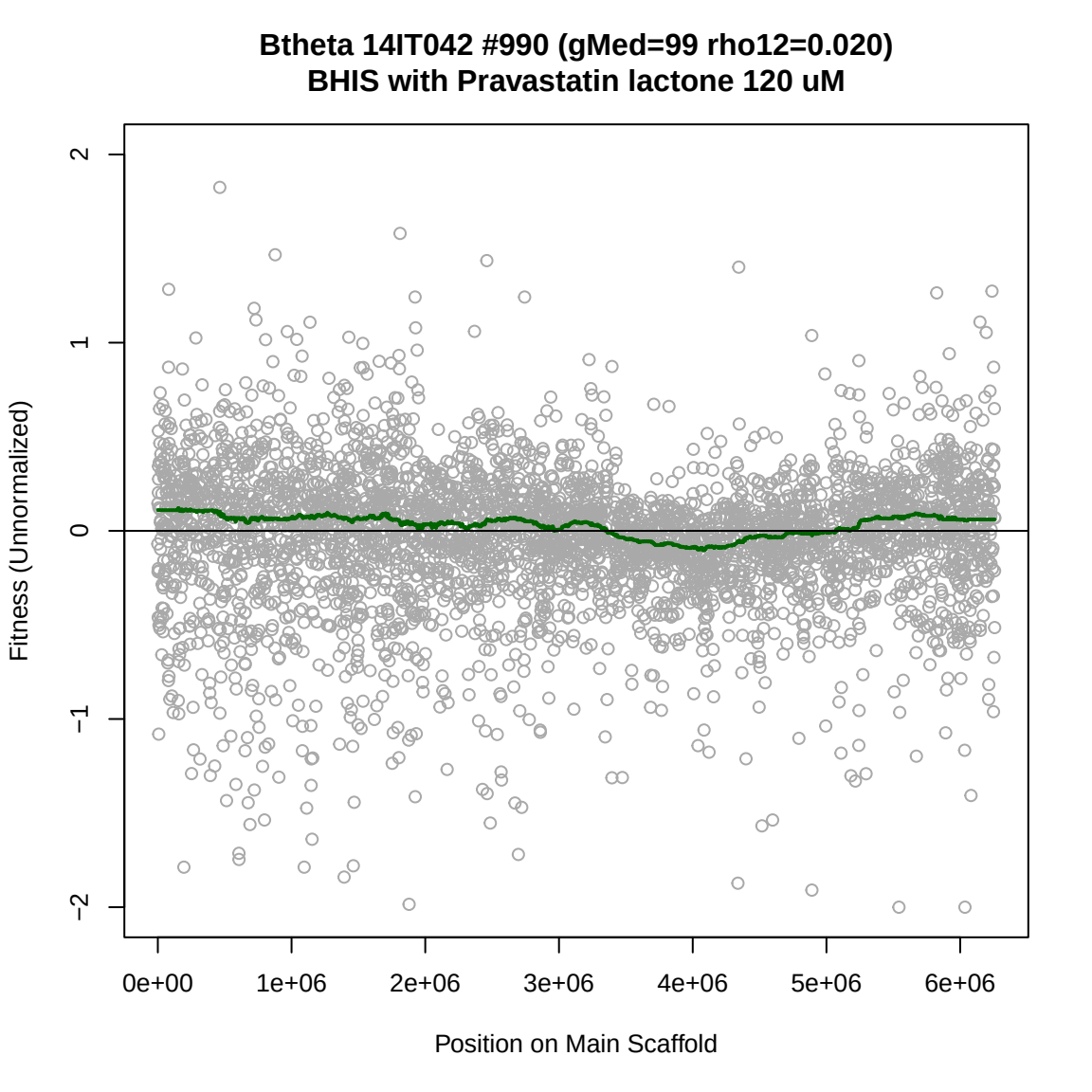

Btheta 14IT037 #985 (gMed=134 rho12=0.035)
BHIS with Fosmidomycin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

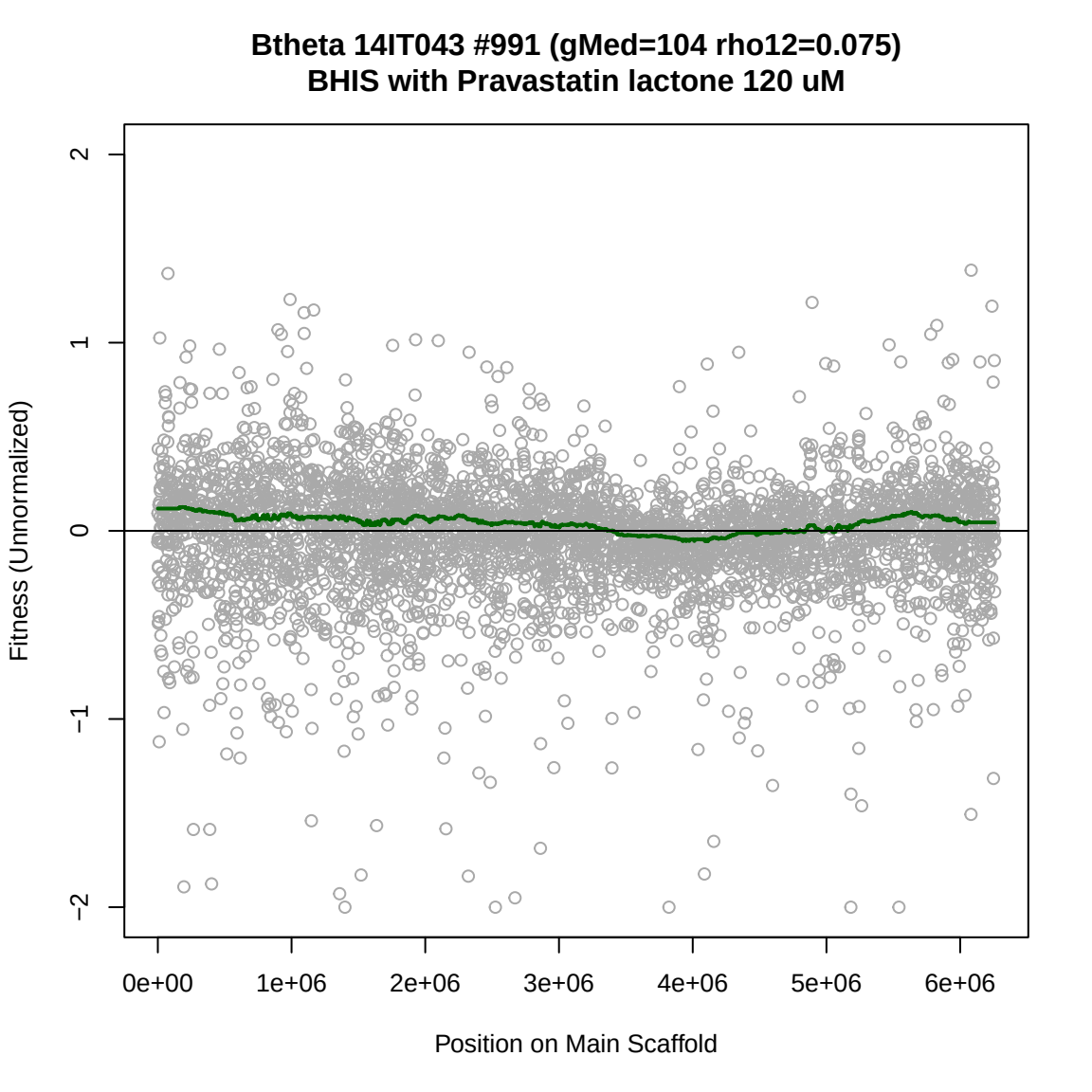

Btheta 14IT038 #986 (gMed=117 rho12=0.046)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

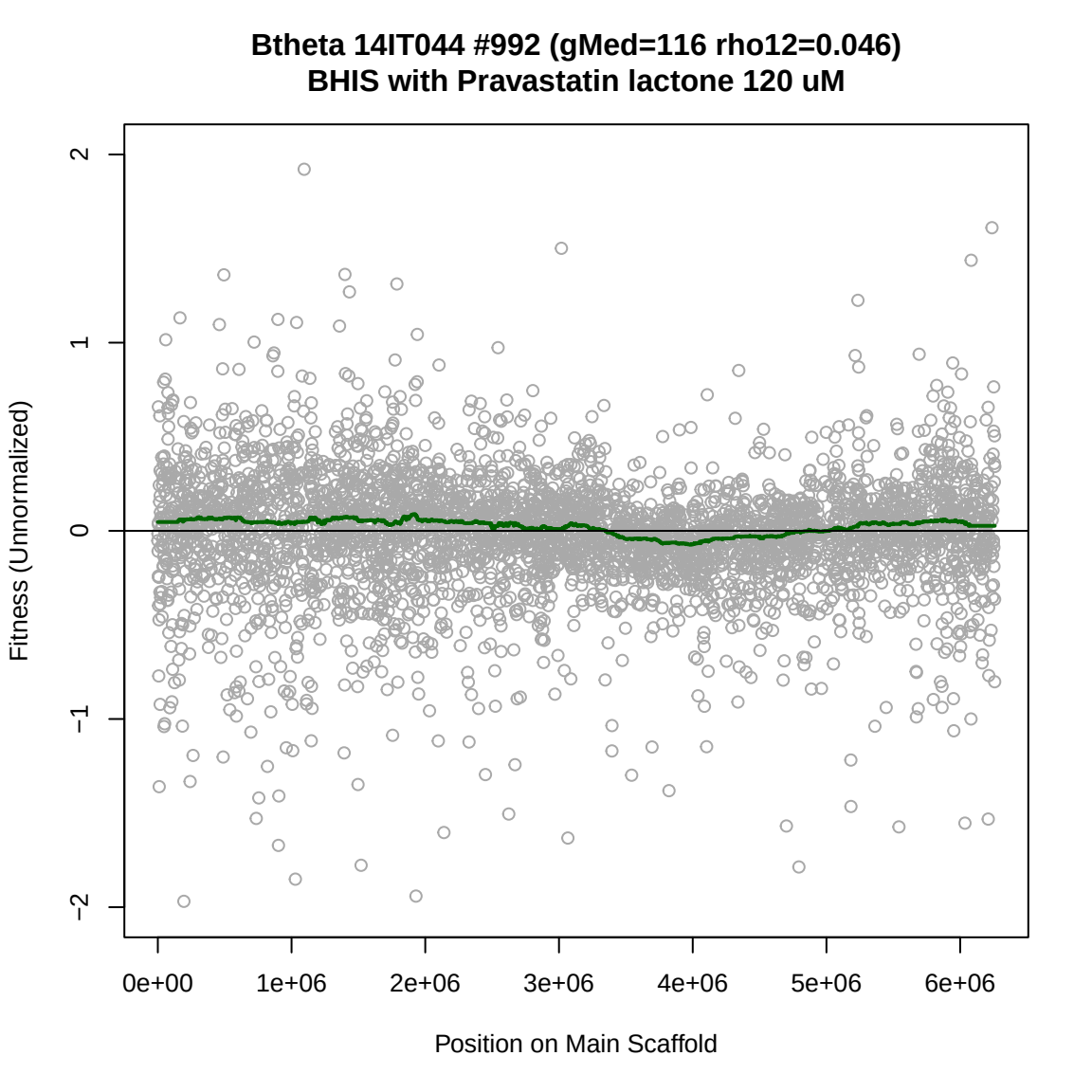

Btheta 14IT039 #987 (gMed=117 rho12=0.017)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

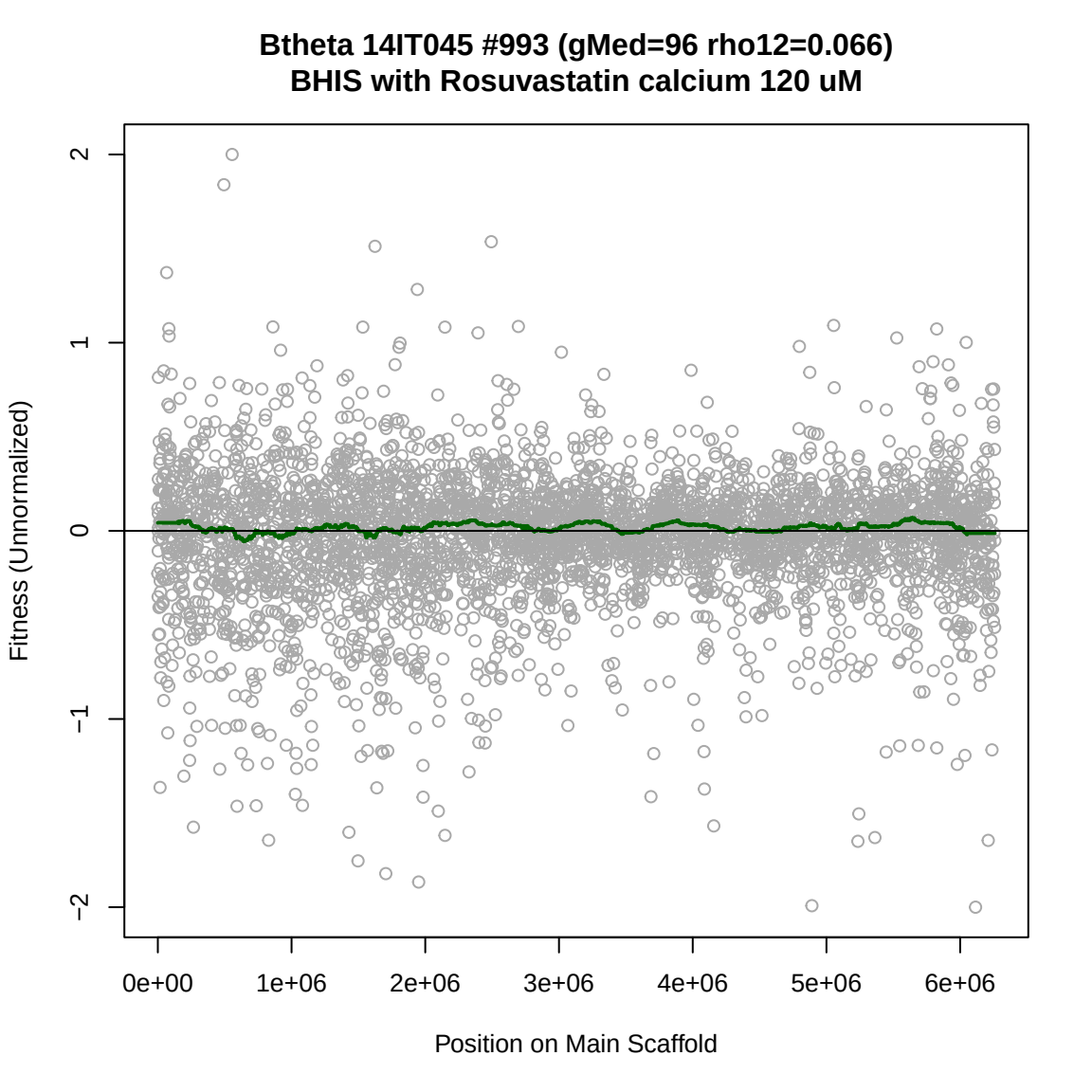

Btheta 14IT040 #988 (gMed=103 rho12=0.045)
BHIS with DAMPA 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

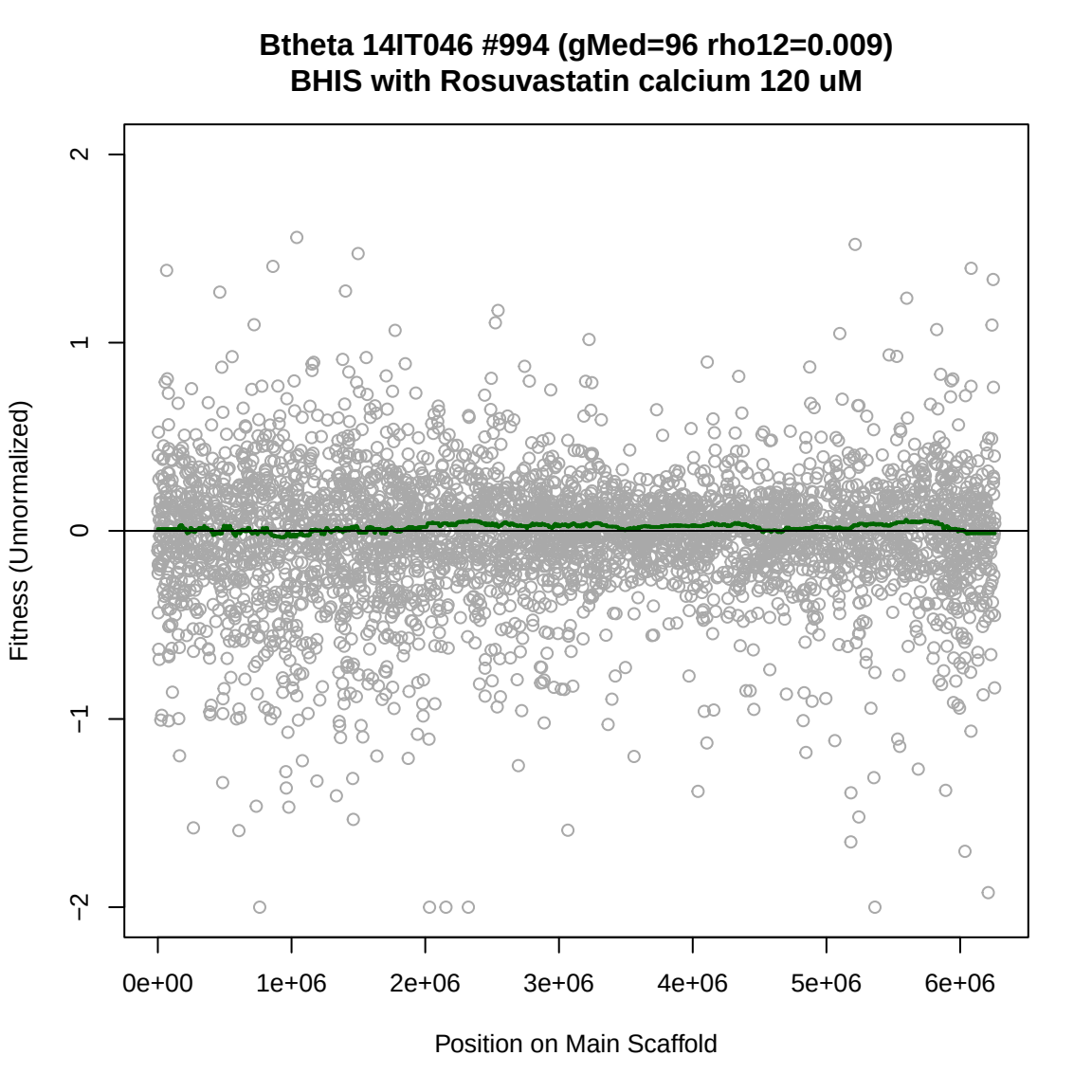

Btheta 14IT041 #989 (gMed=50 rho12=0.022)
BHIS with DAMPA 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

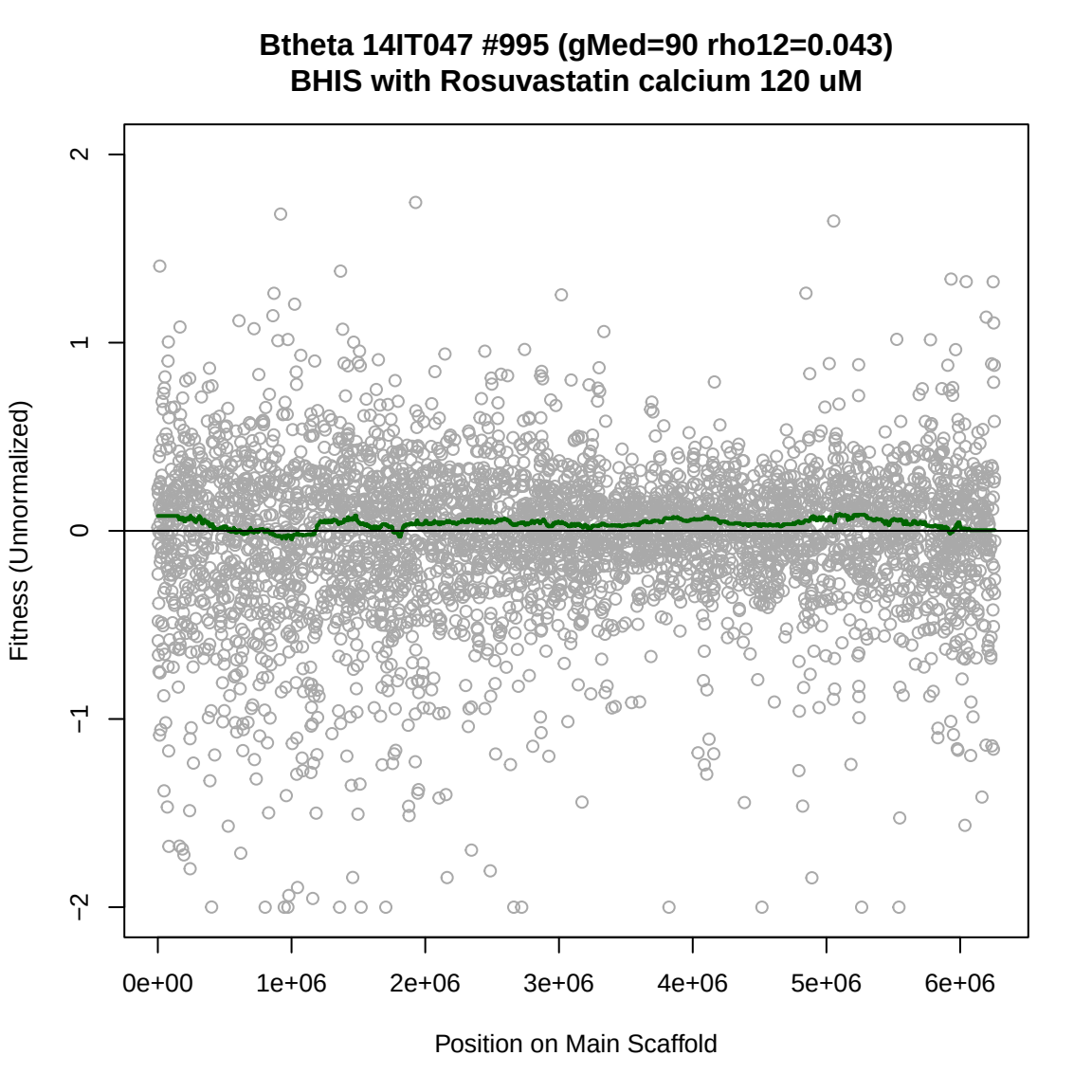

Btheta 14IT042 #990 (gMed=99 rho12=0.020)
BHIS with Pravastatin lactone 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

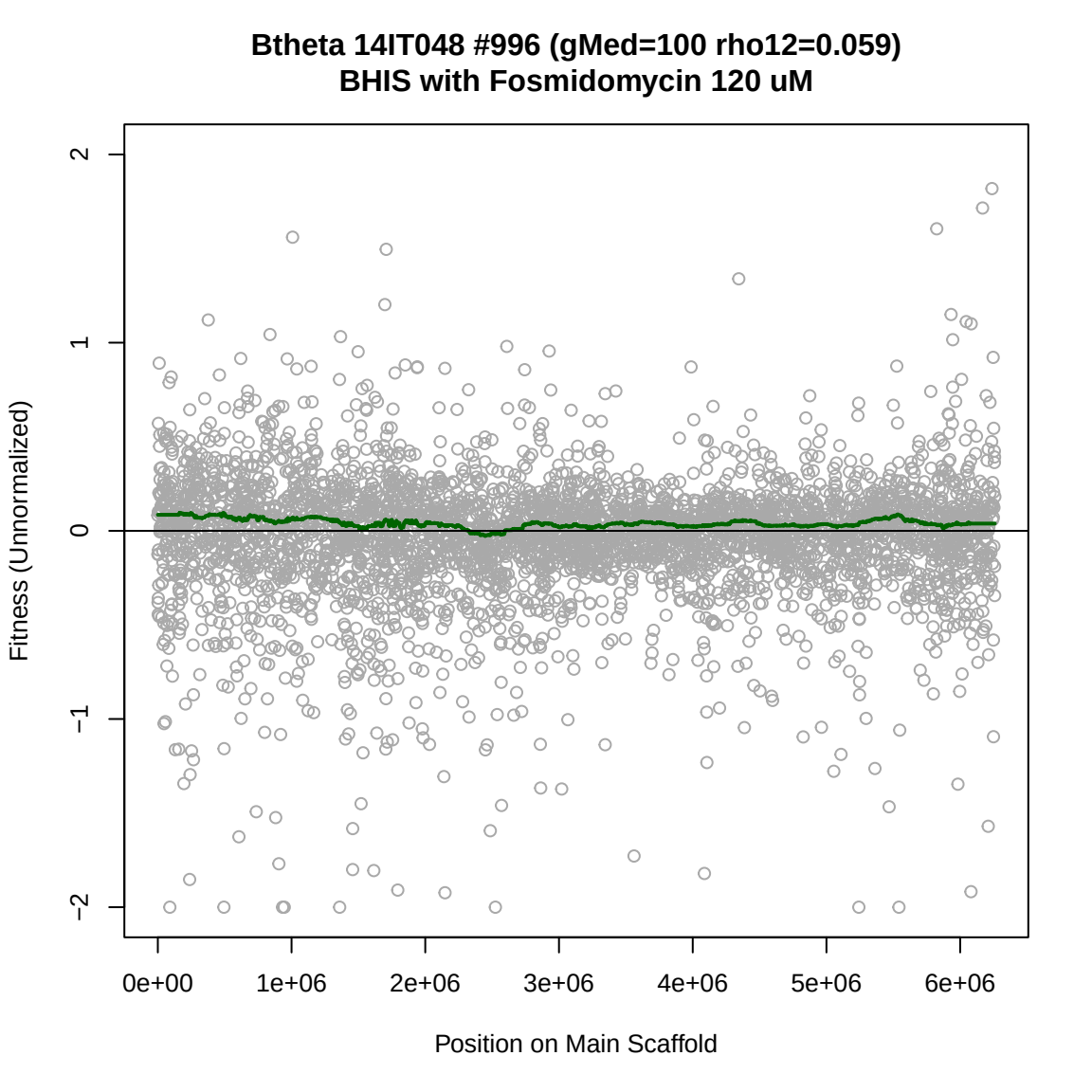

Btheta 14IT043 #991 (gMed=104 rho12=0.075)
BHIS with Pravastatin lactone 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

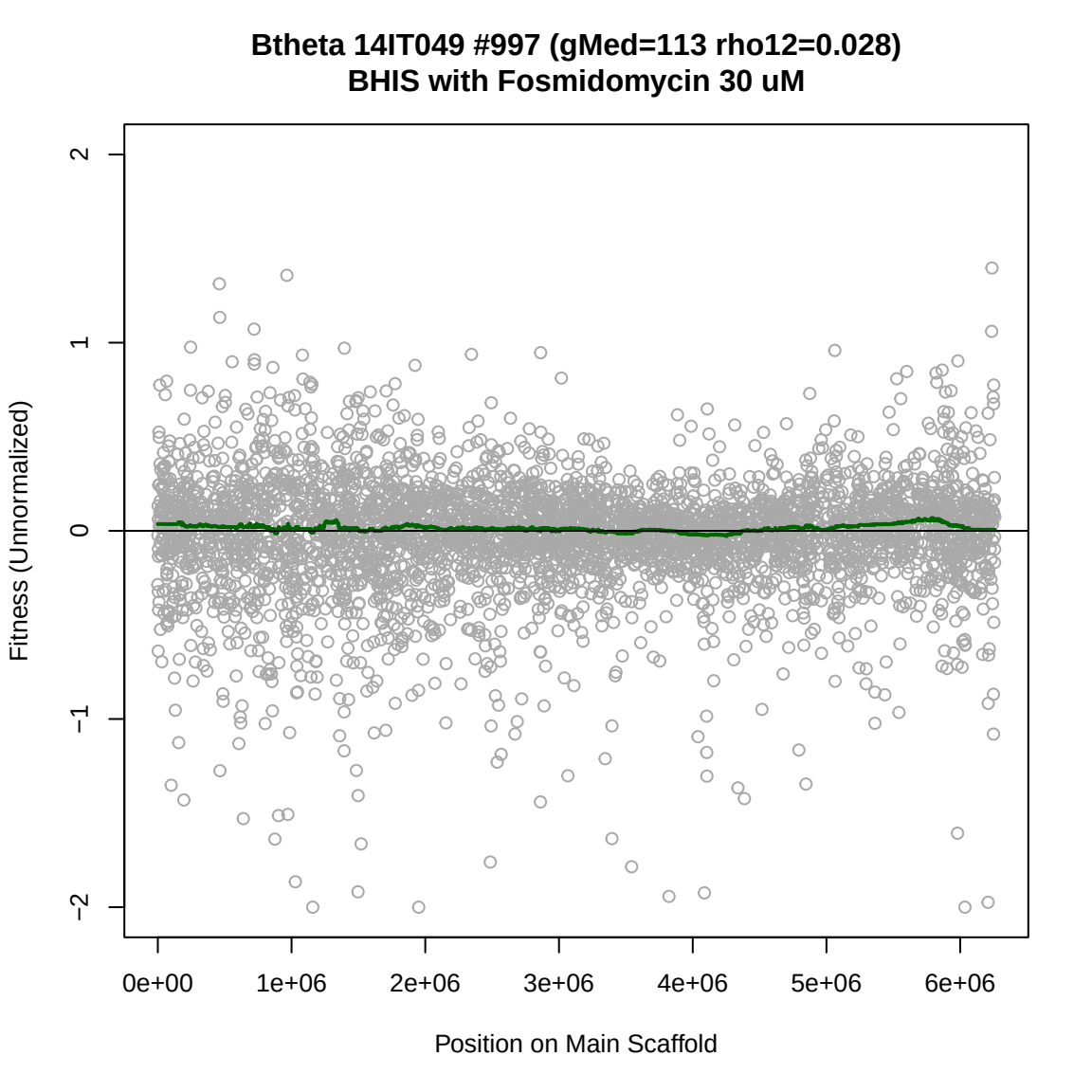

Btheta 14IT044 #992 (gMed=116 rho12=0.046)
BHIS with Pravastatin lactone 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

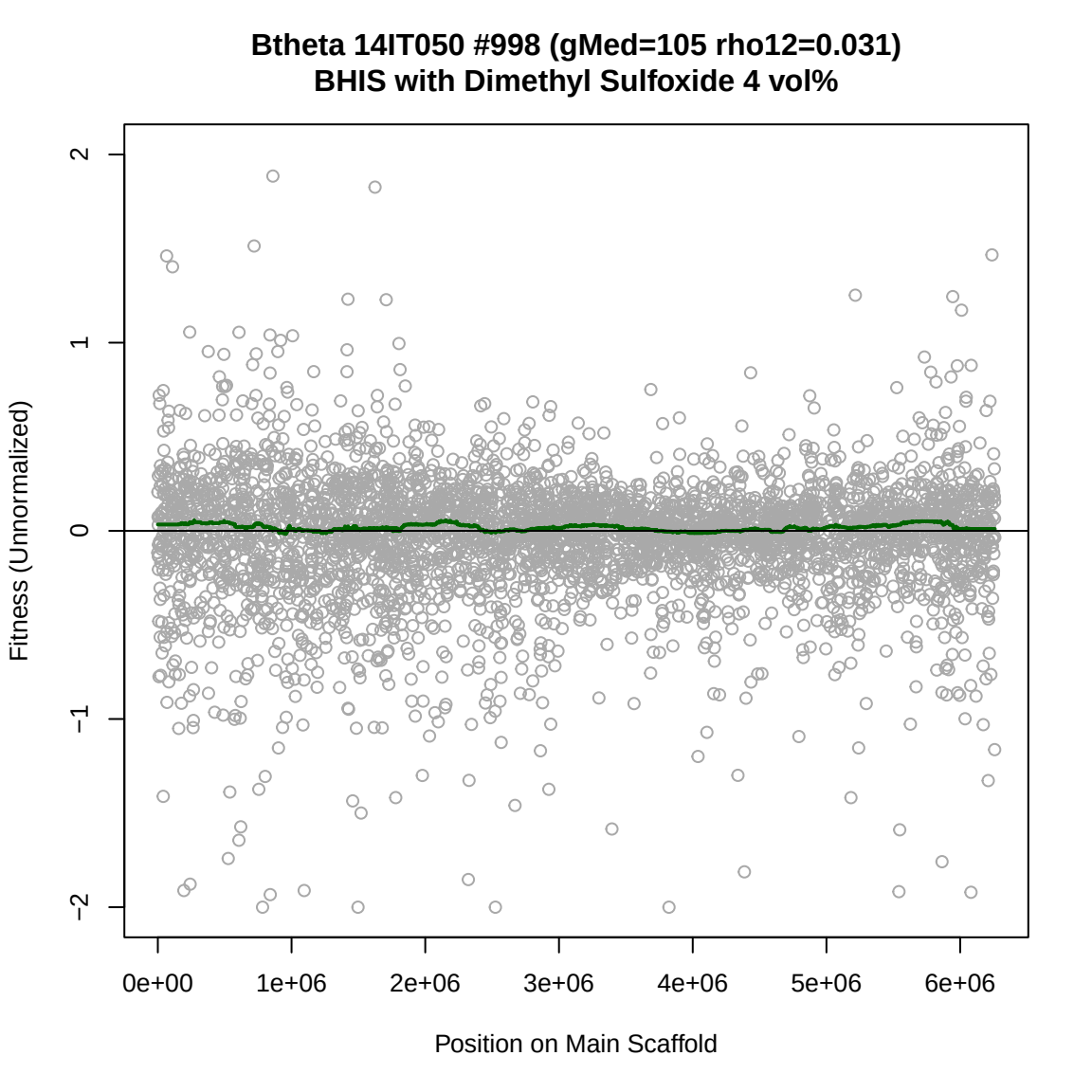

Btheta 14IT045 #993 (gMed=96 rho12=0.066)
BHIS with Rosuvastatin calcium 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

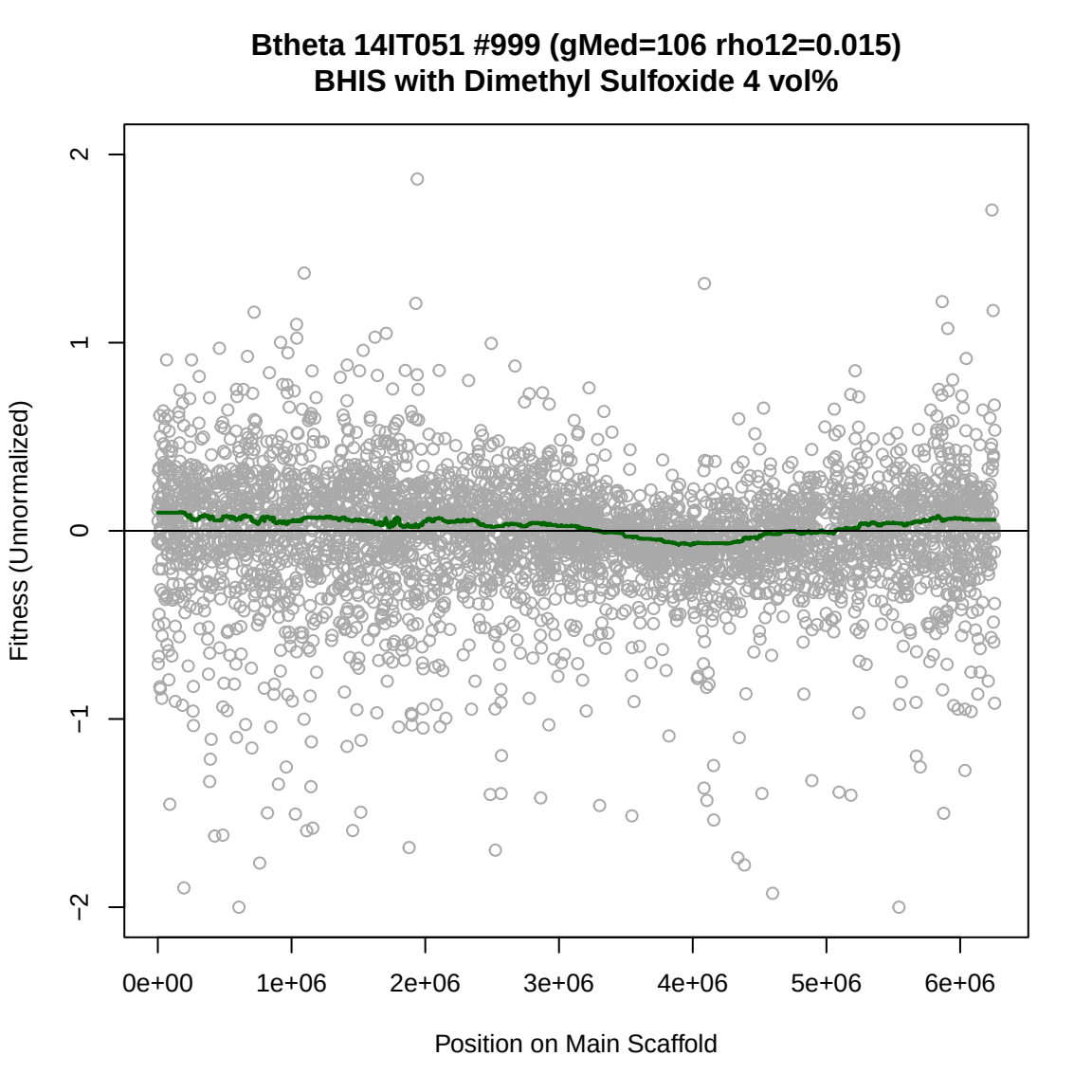

Btheta 14IT046 #994 (gMed=96 rho12=0.009)
BHIS with Rosuvastatin calcium 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

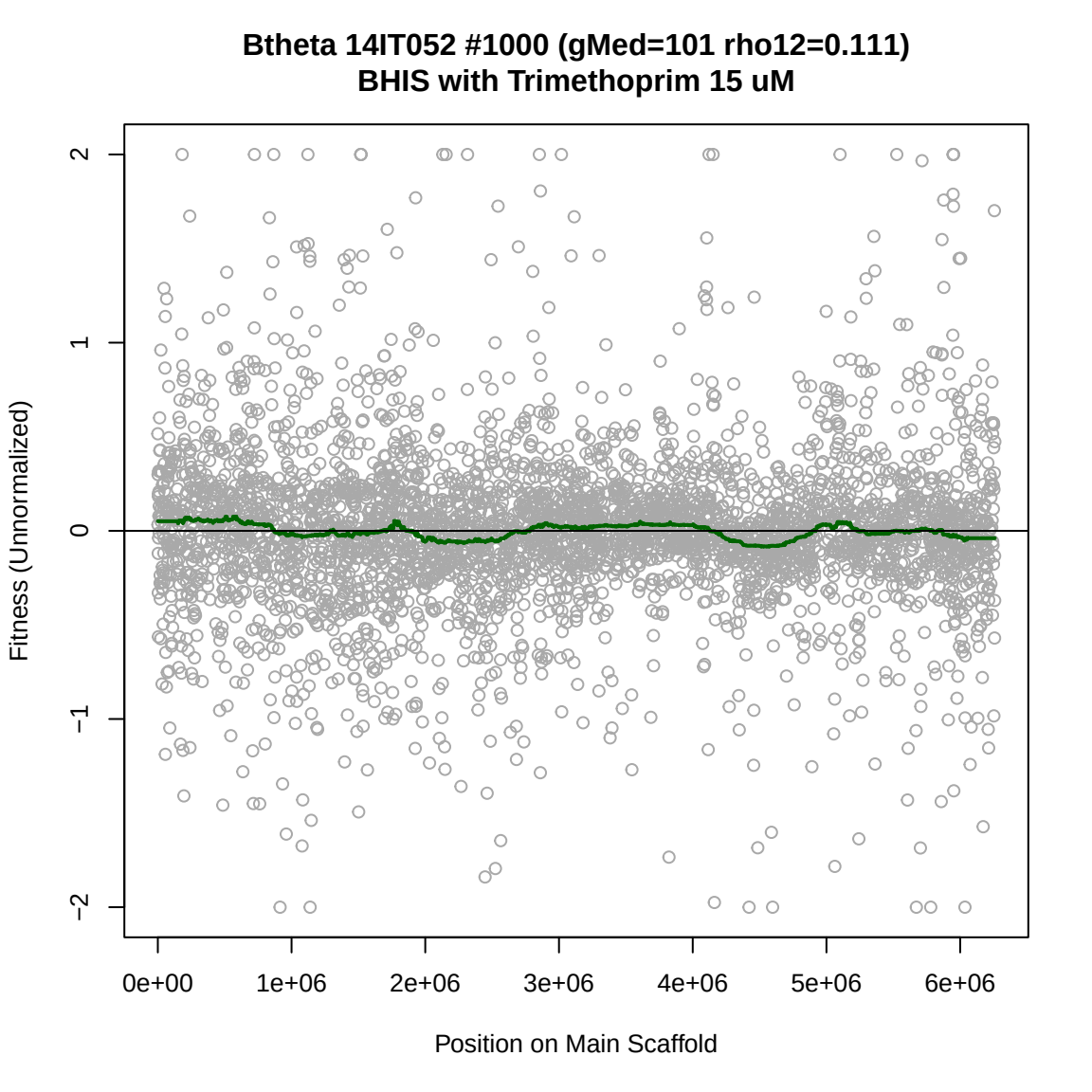

Btheta 14IT047 #995 (gMed=90 rho12=0.043)
BHIS with Rosuvastatin calcium 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

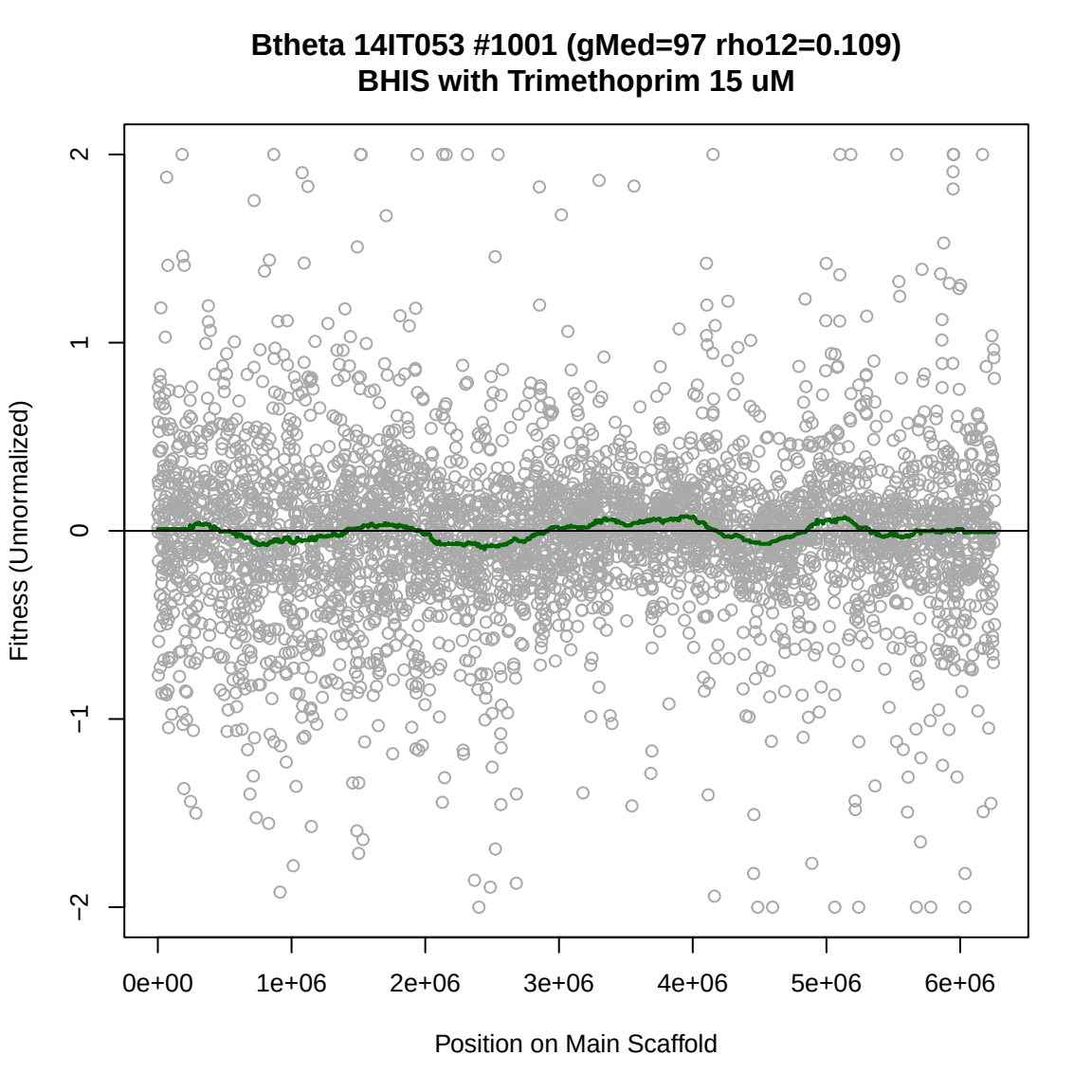

Btheta 14IT048 #996 (gMed=100 rho12=0.059)
BHIS with Fosmidomycin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

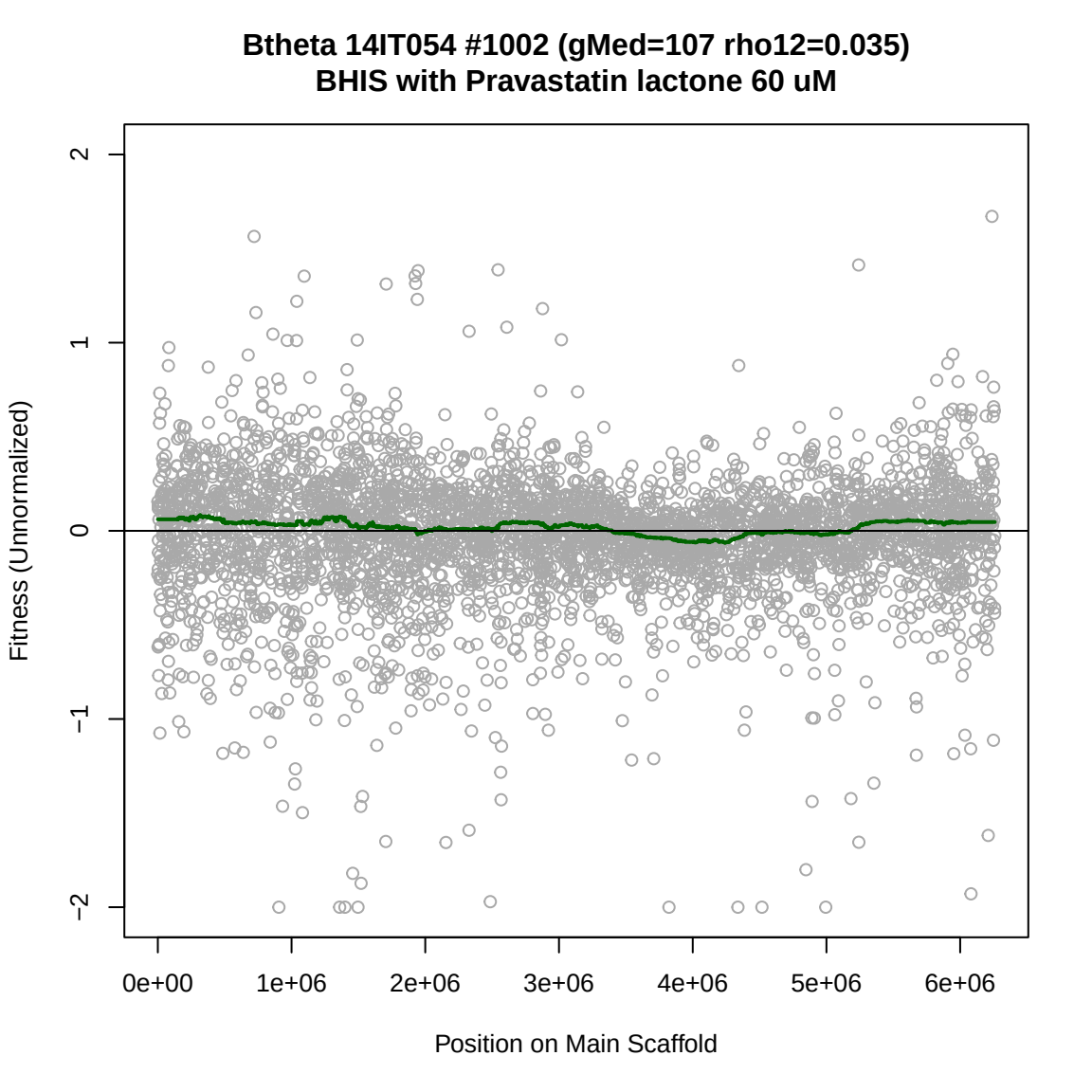

Btheta 14IT049 #997 (gMed=113 rho12=0.028)
BHIS with Fosmidomycin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

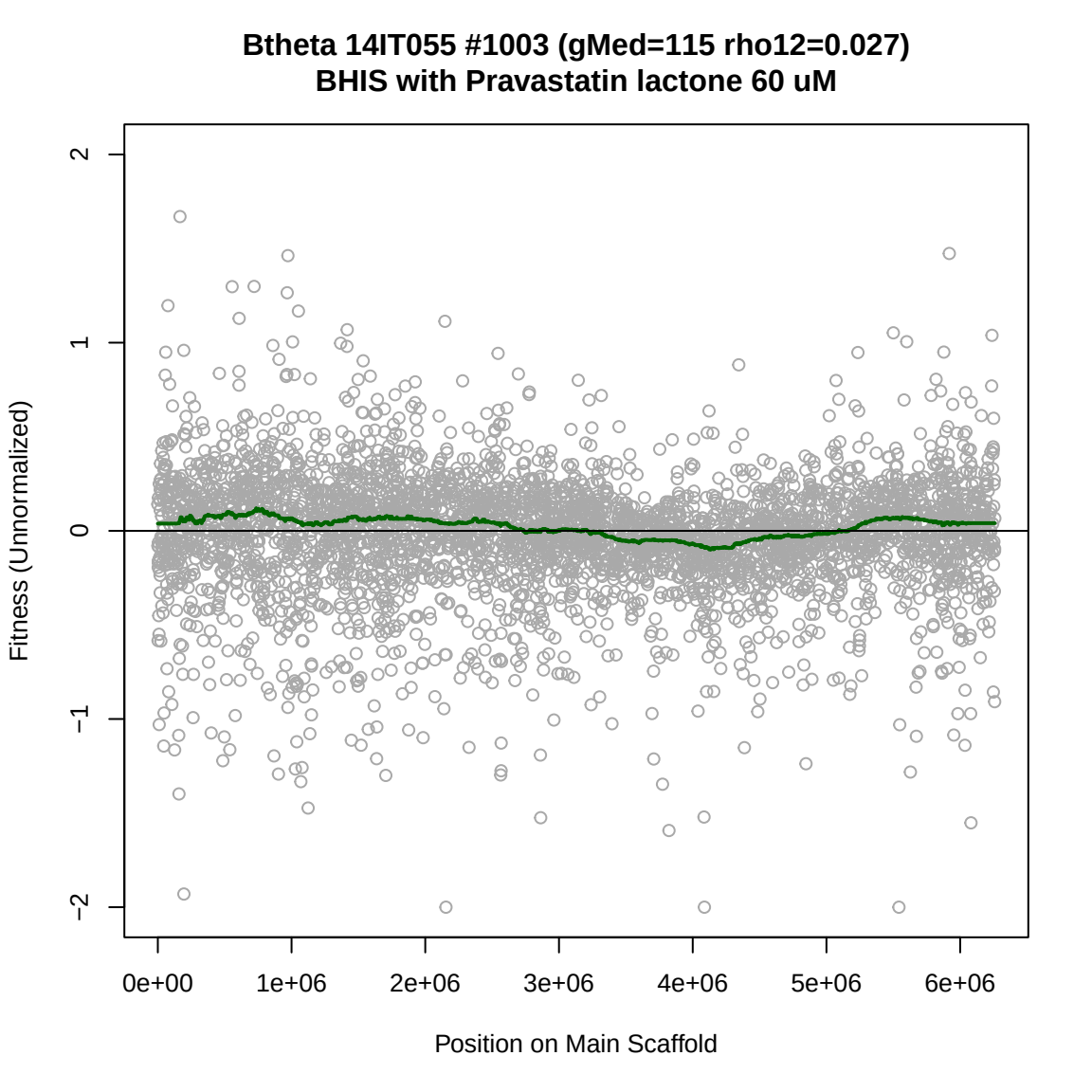

Btheta 14IT050 #998 (gMed=105 rho12=0.031)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

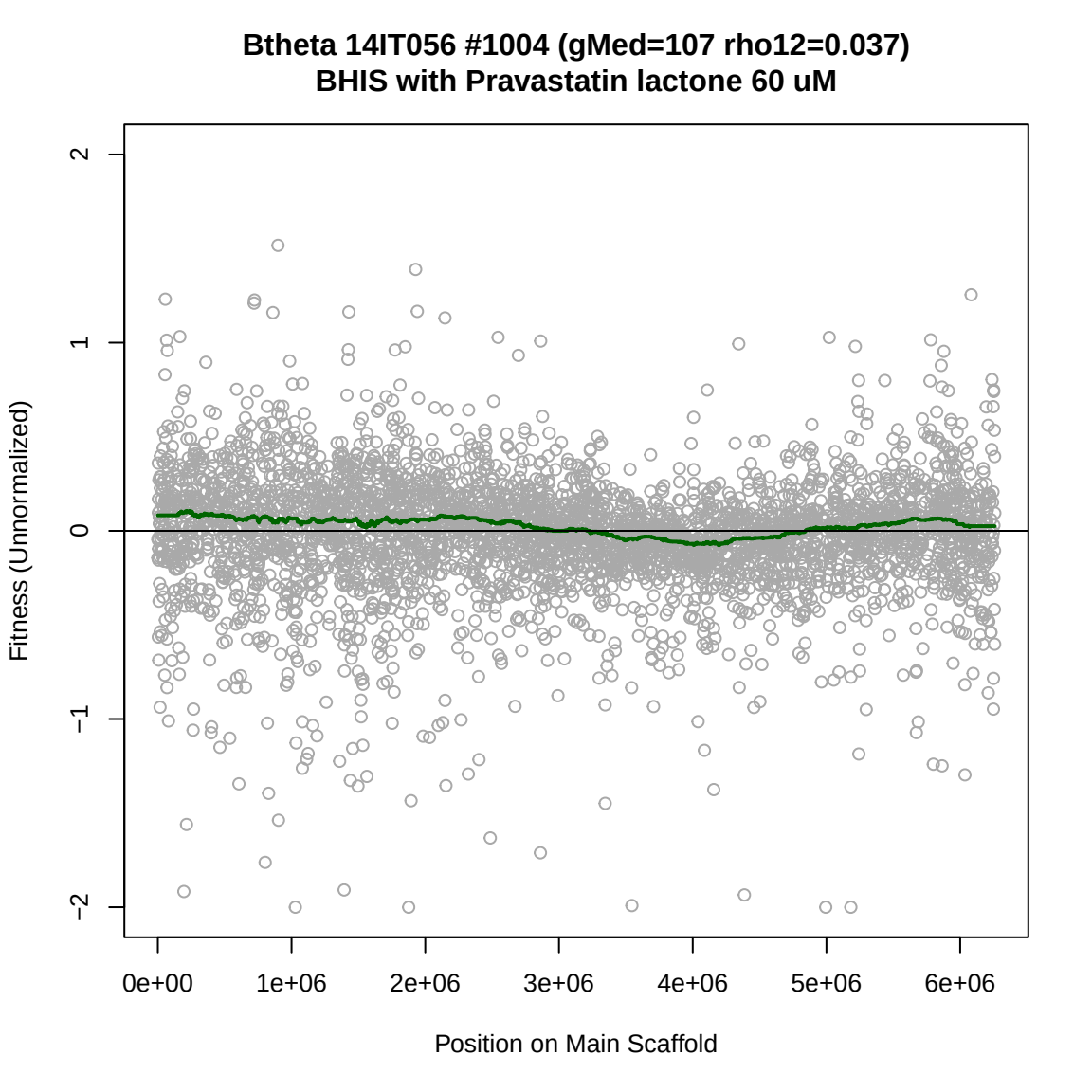

Btheta 14IT051 #999 (gMed=106 rho12=0.015)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

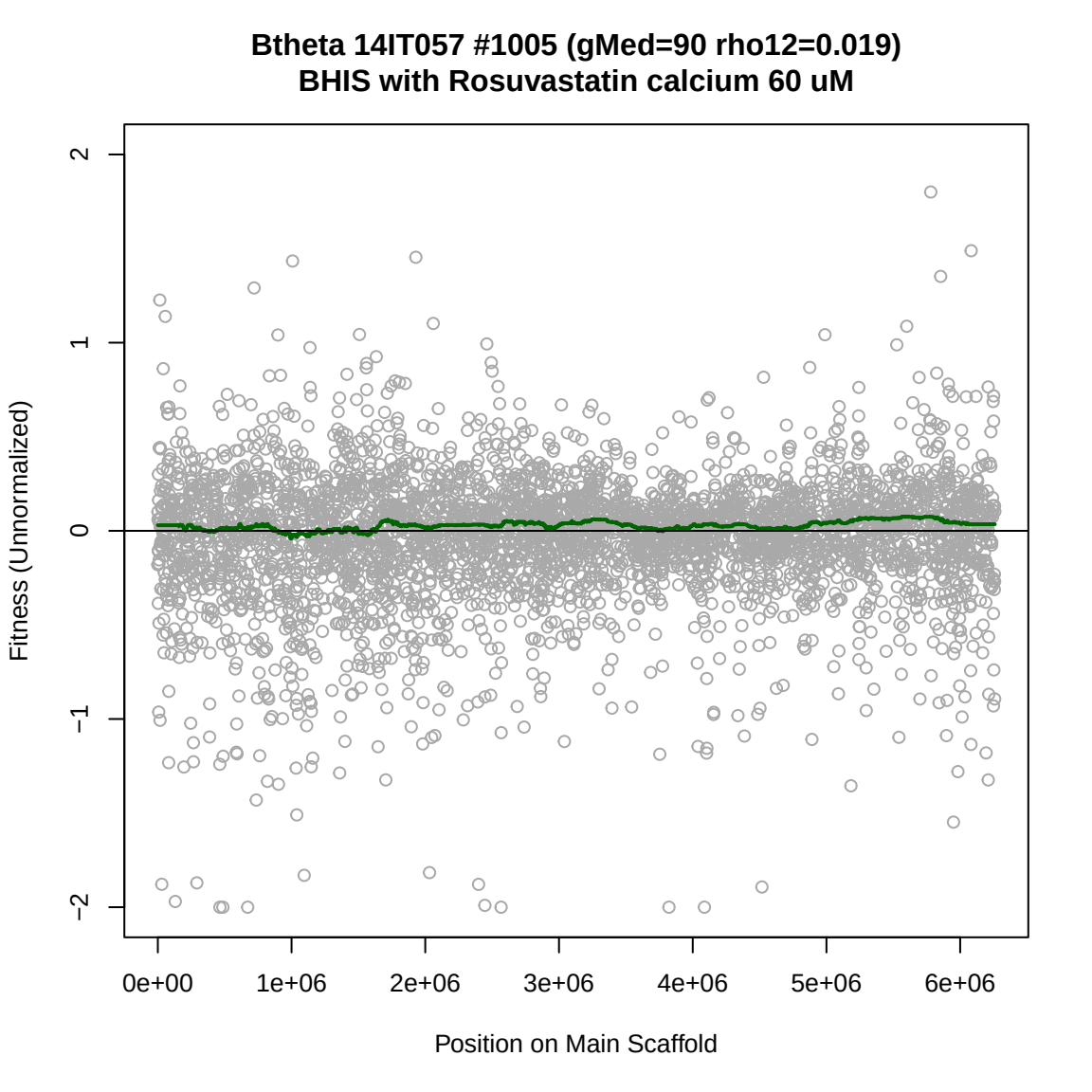

Btheta 14IT052 #1000 (gMed=101 rho12=0.111)
BHIS with Trimethoprim 15 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

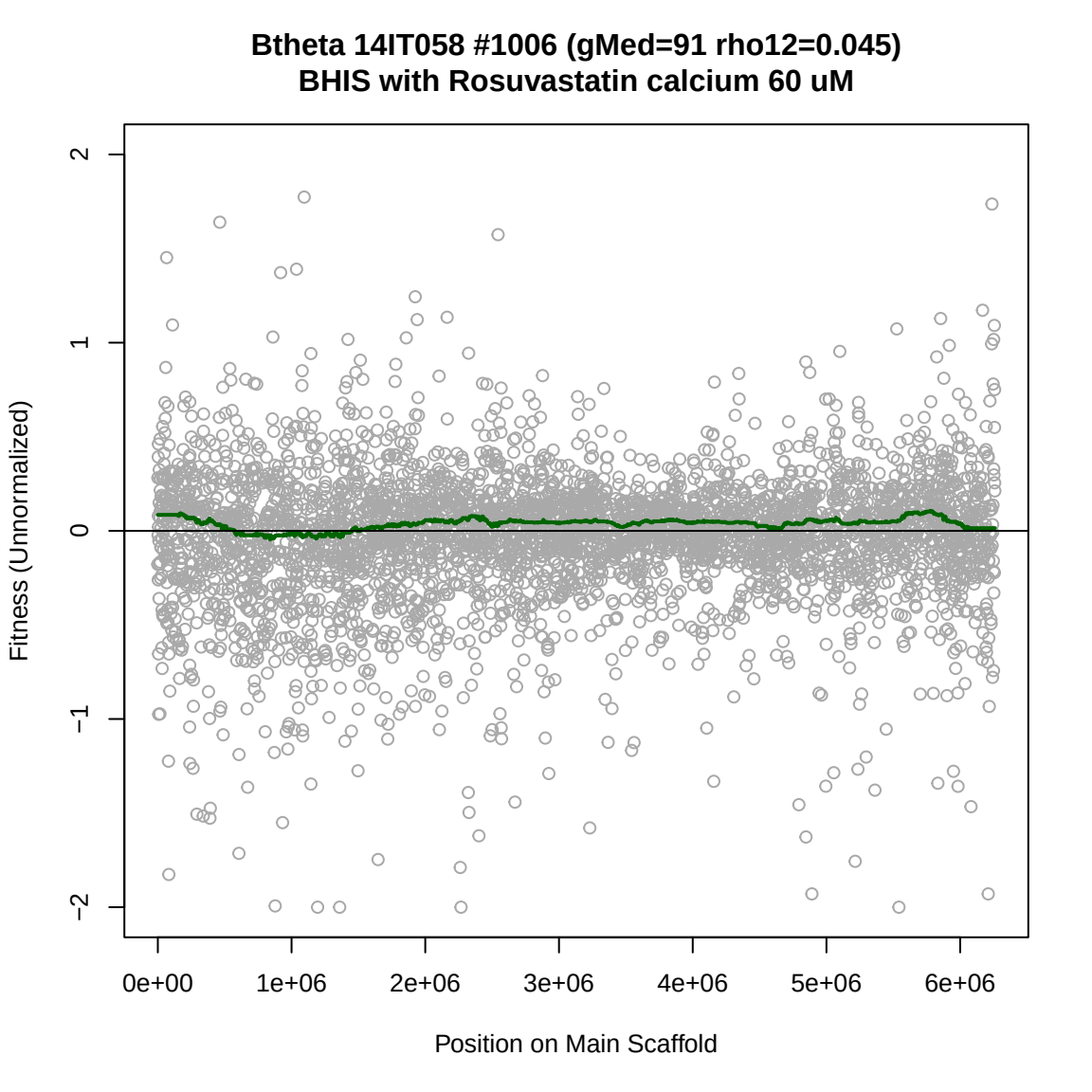

Btheta 14IT053 #1001 (gMed=97 rho12=0.109)
BHIS with Trimethoprim 15 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

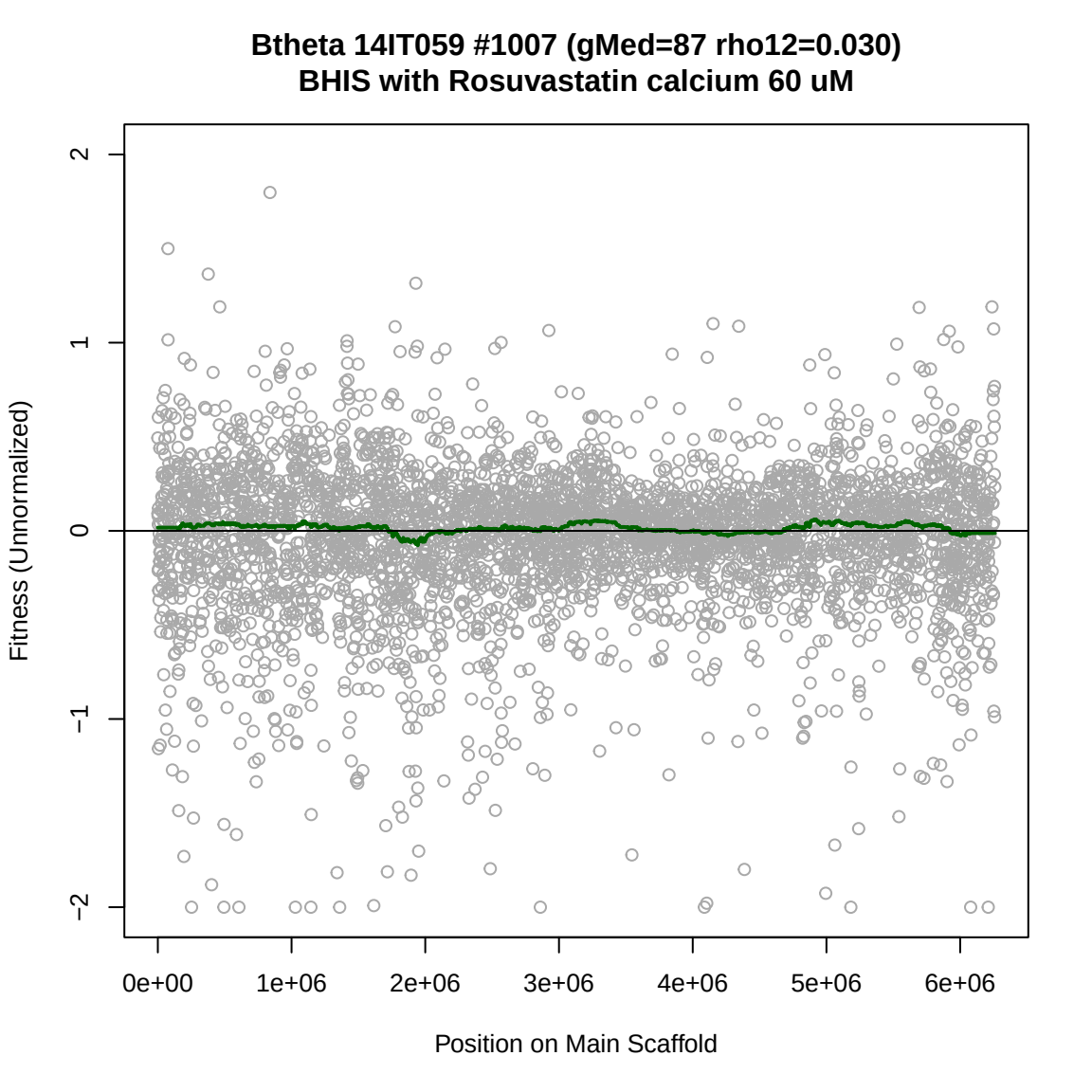

Btheta 14IT054 #1002 (gMed=107 rho12=0.035)
BHIS with Pravastatin lactone 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

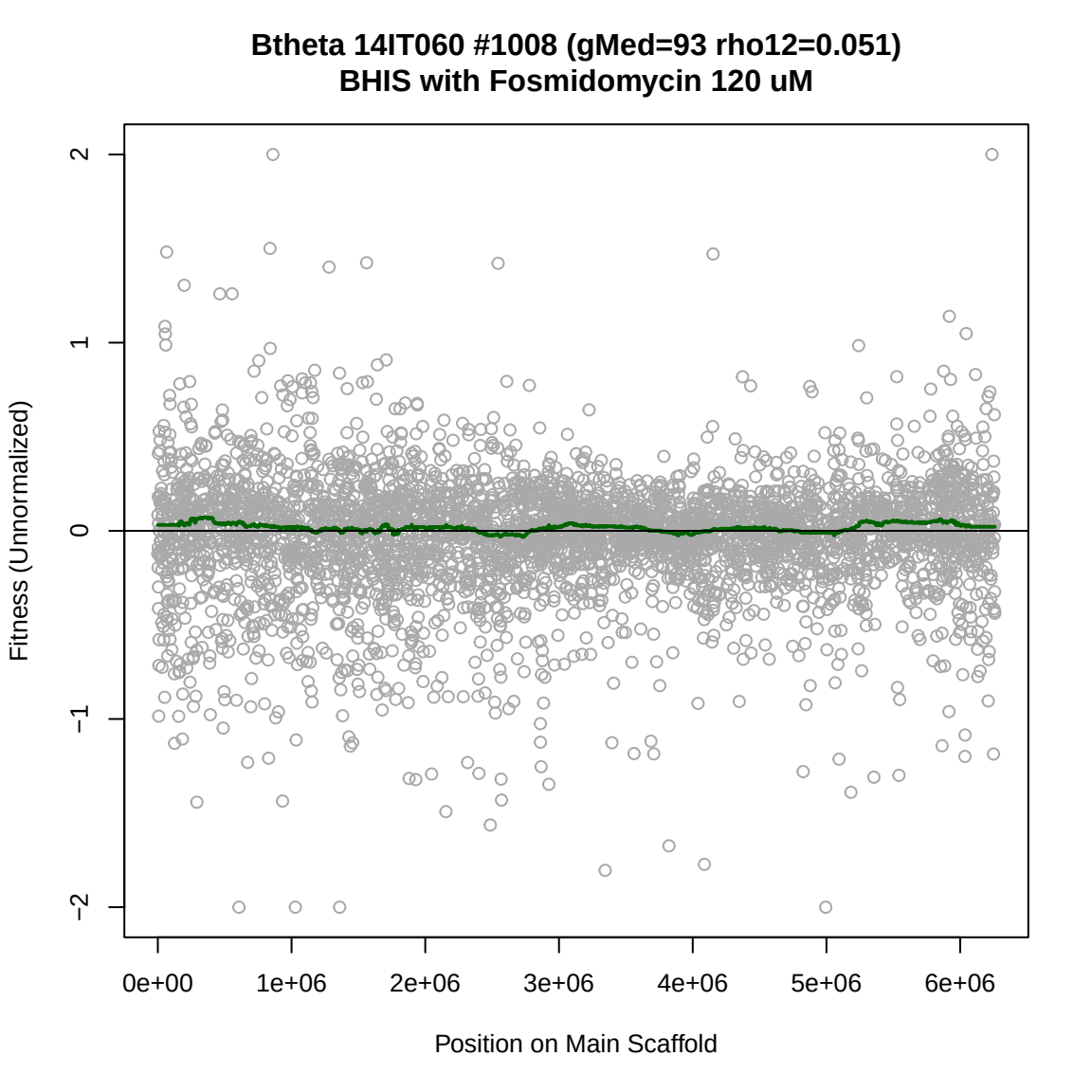

Btheta 14IT055 #1003 (gMed=115 rho12=0.027)
BHIS with Pravastatin lactone 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

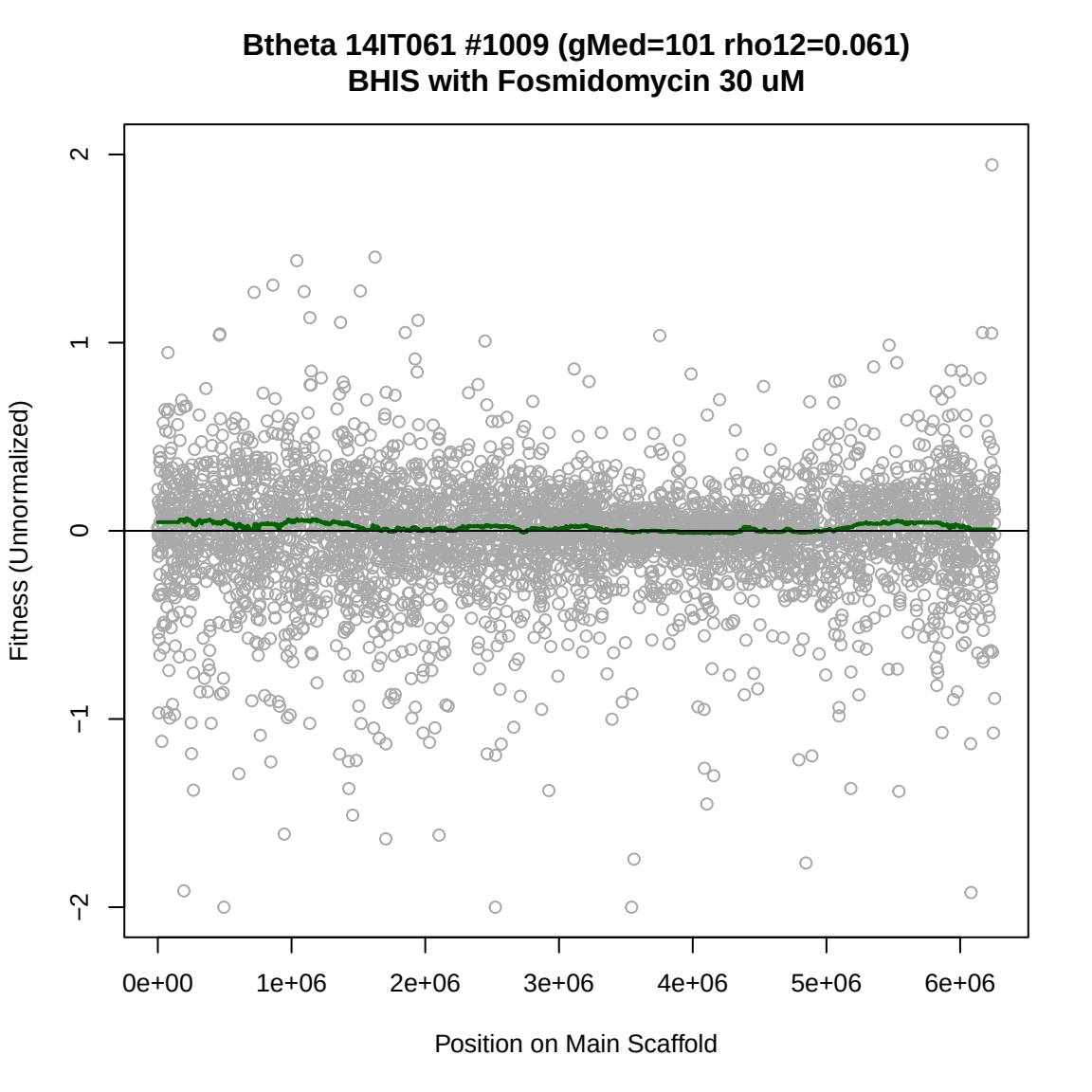

Btheta 14IT056 #1004 (gMed=107 rho12=0.037)
BHIS with Pravastatin lactone 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

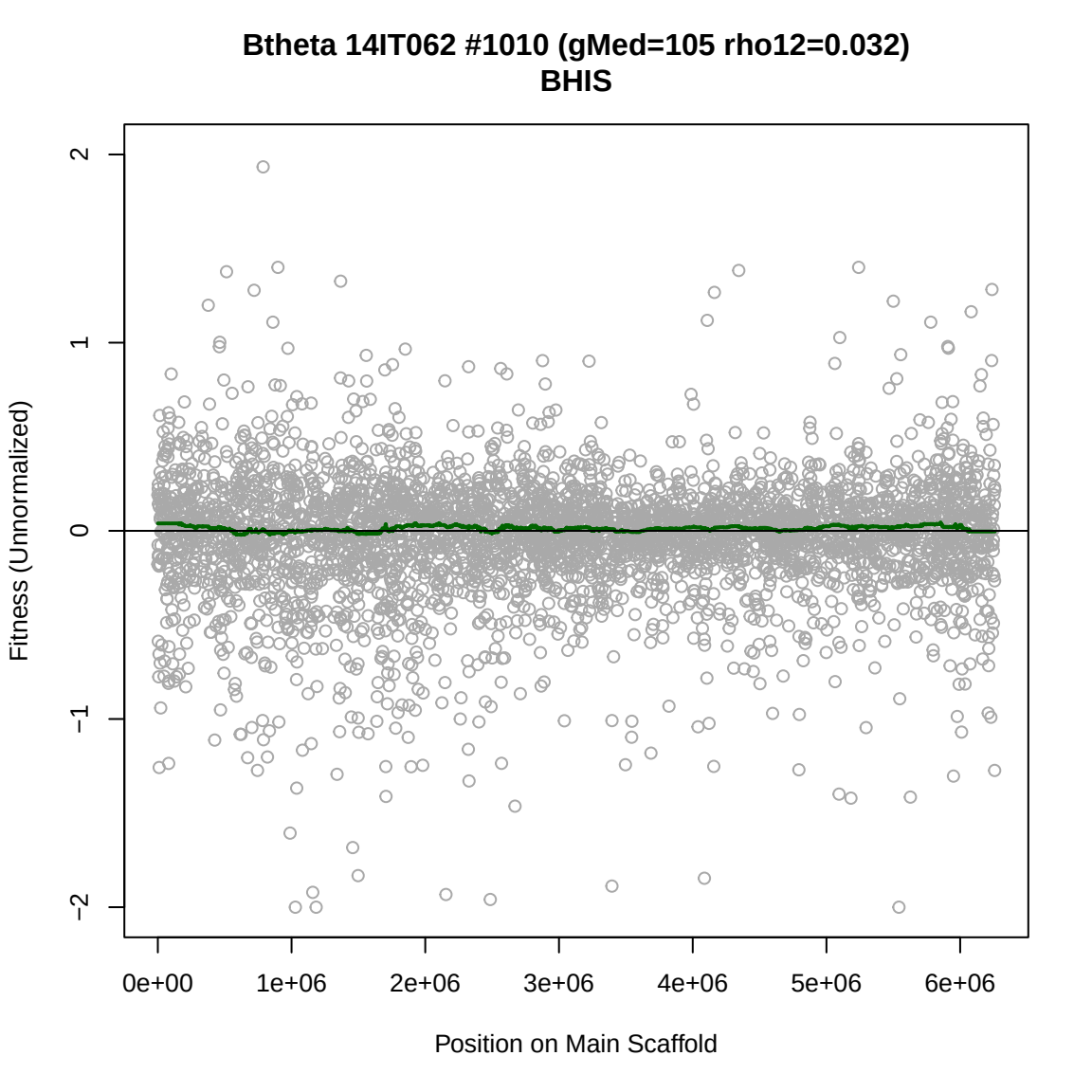

Btheta 14IT057 #1005 (gMed=90 rho12=0.019)
BHIS with Rosuvastatin calcium 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

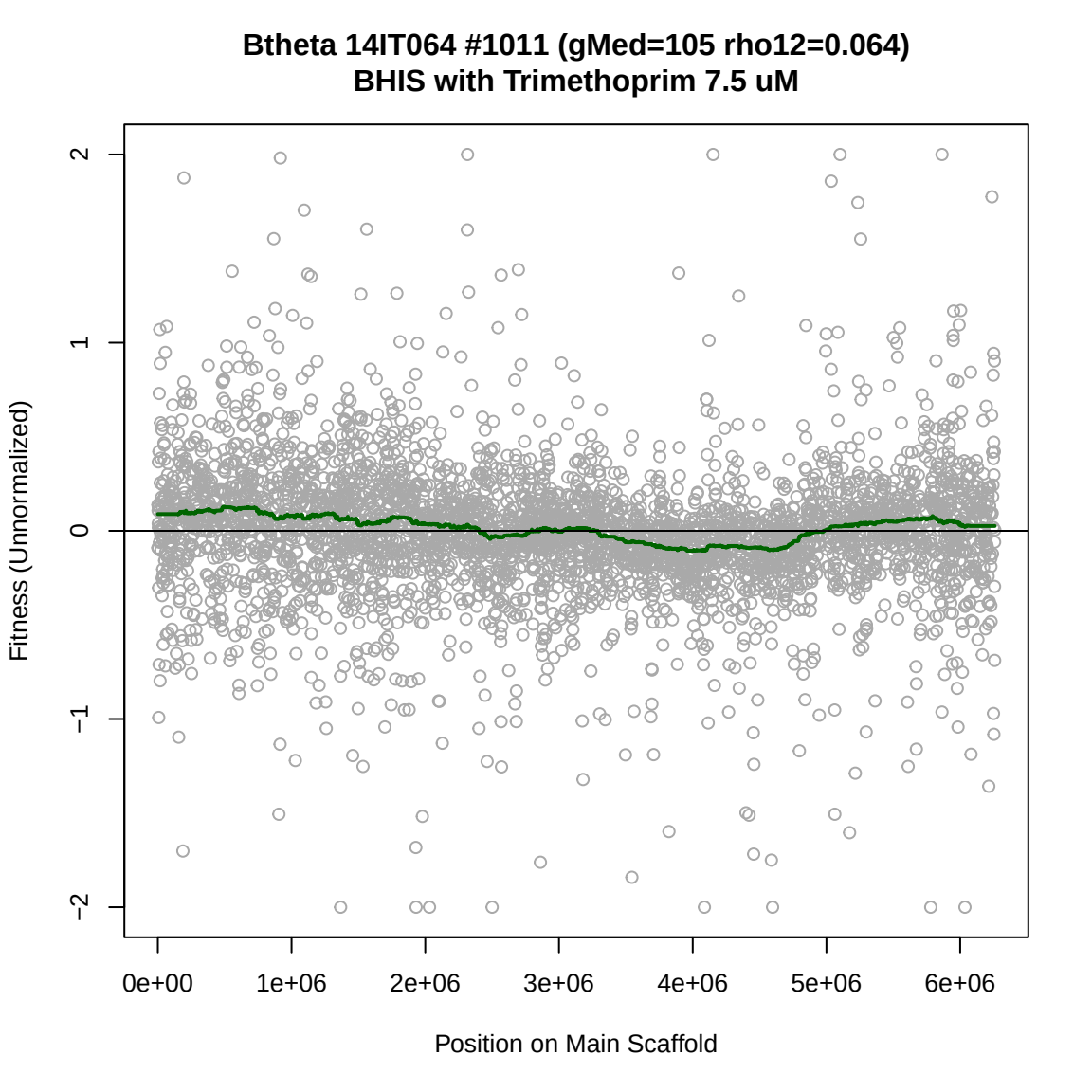

Btheta 14IT058 #1006 (gMed=91 rho12=0.045)
BHIS with Rosuvastatin calcium 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

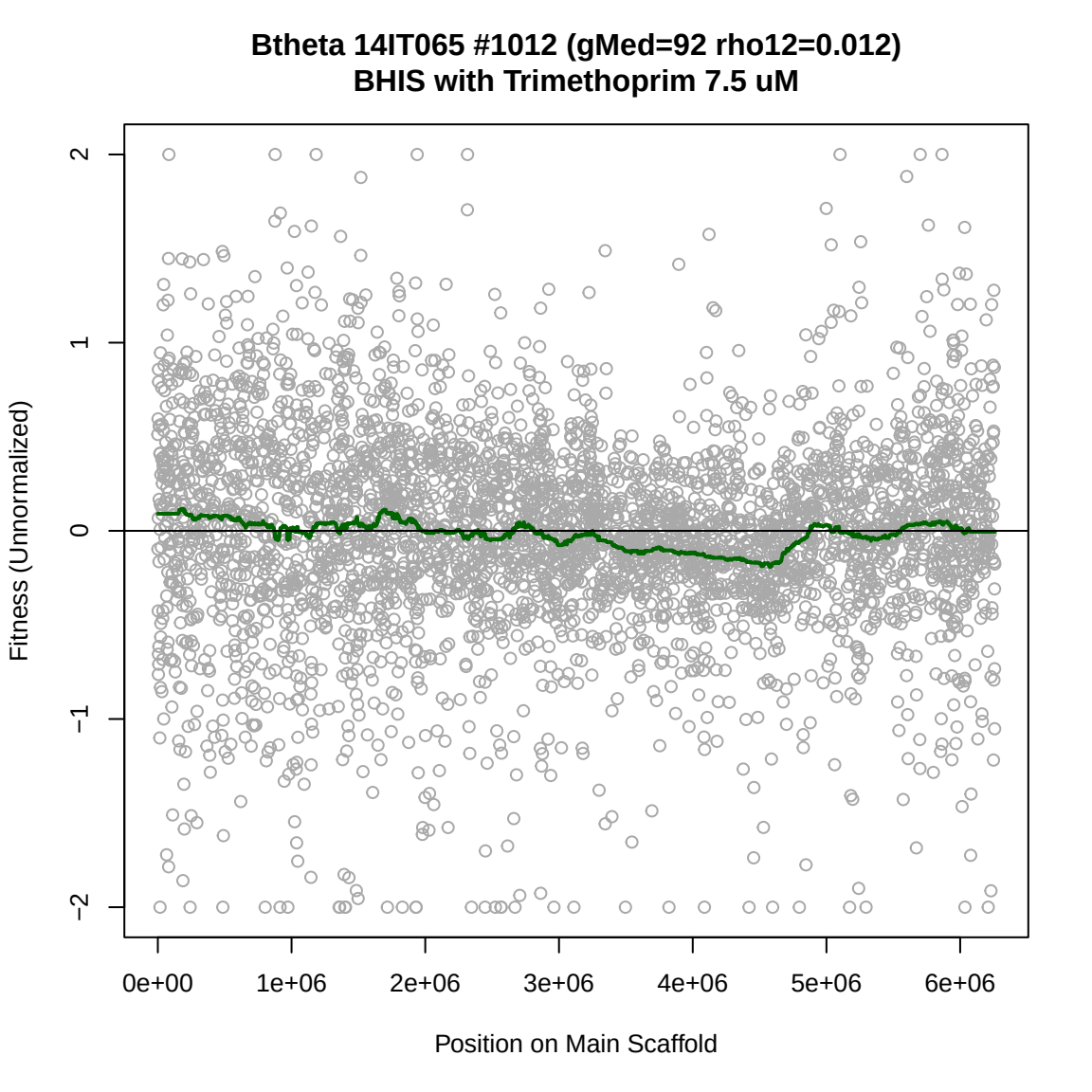

Btheta 14IT059 #1007 (gMed=87 rho12=0.030)
BHIS with Rosuvastatin calcium 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

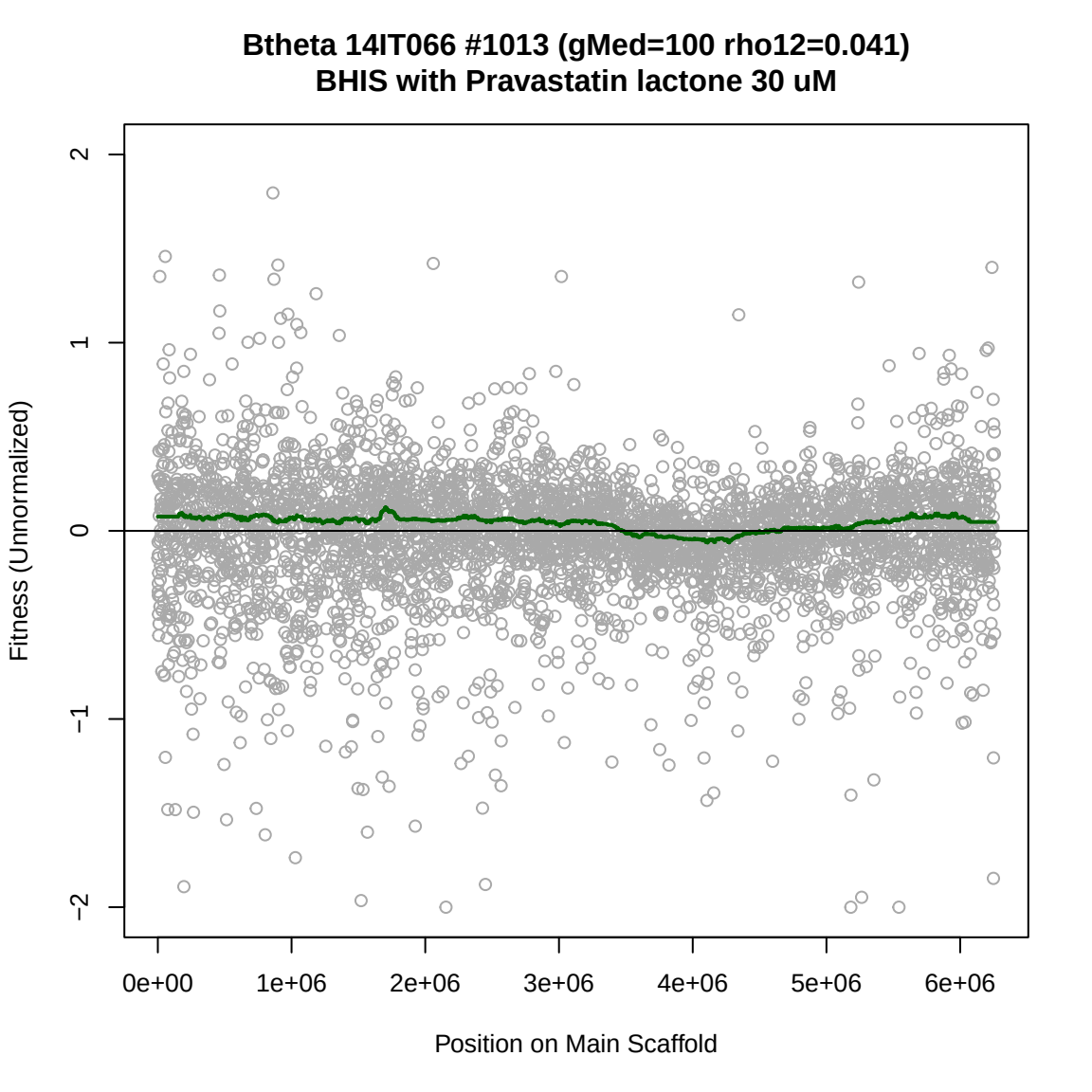

Btheta 14IT060 #1008 (gMed=93 rho12=0.051)
BHIS with Fosmidomycin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

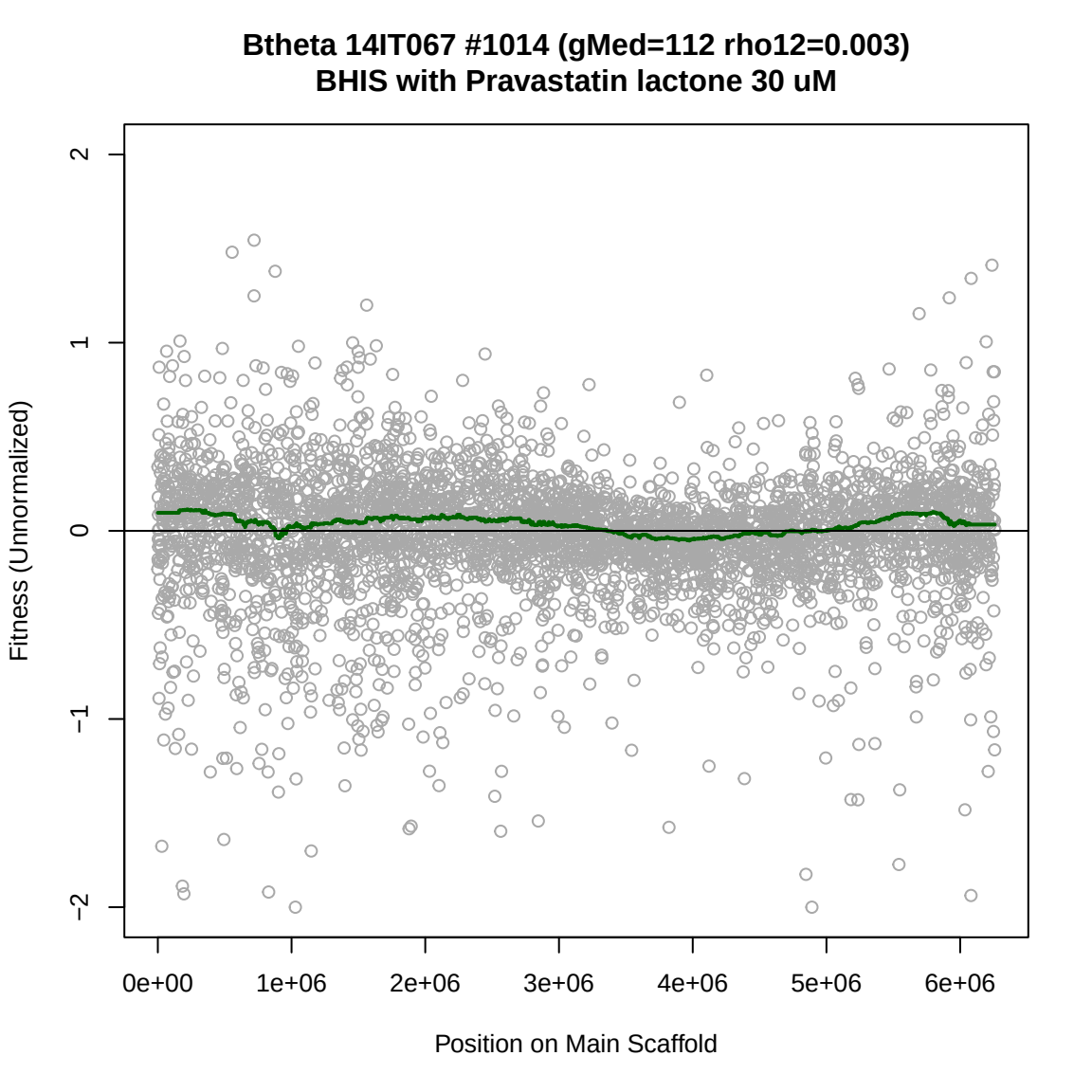

Btheta 14IT061 #1009 (gMed=101 rho12=0.061)
BHIS with Fosmidomycin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

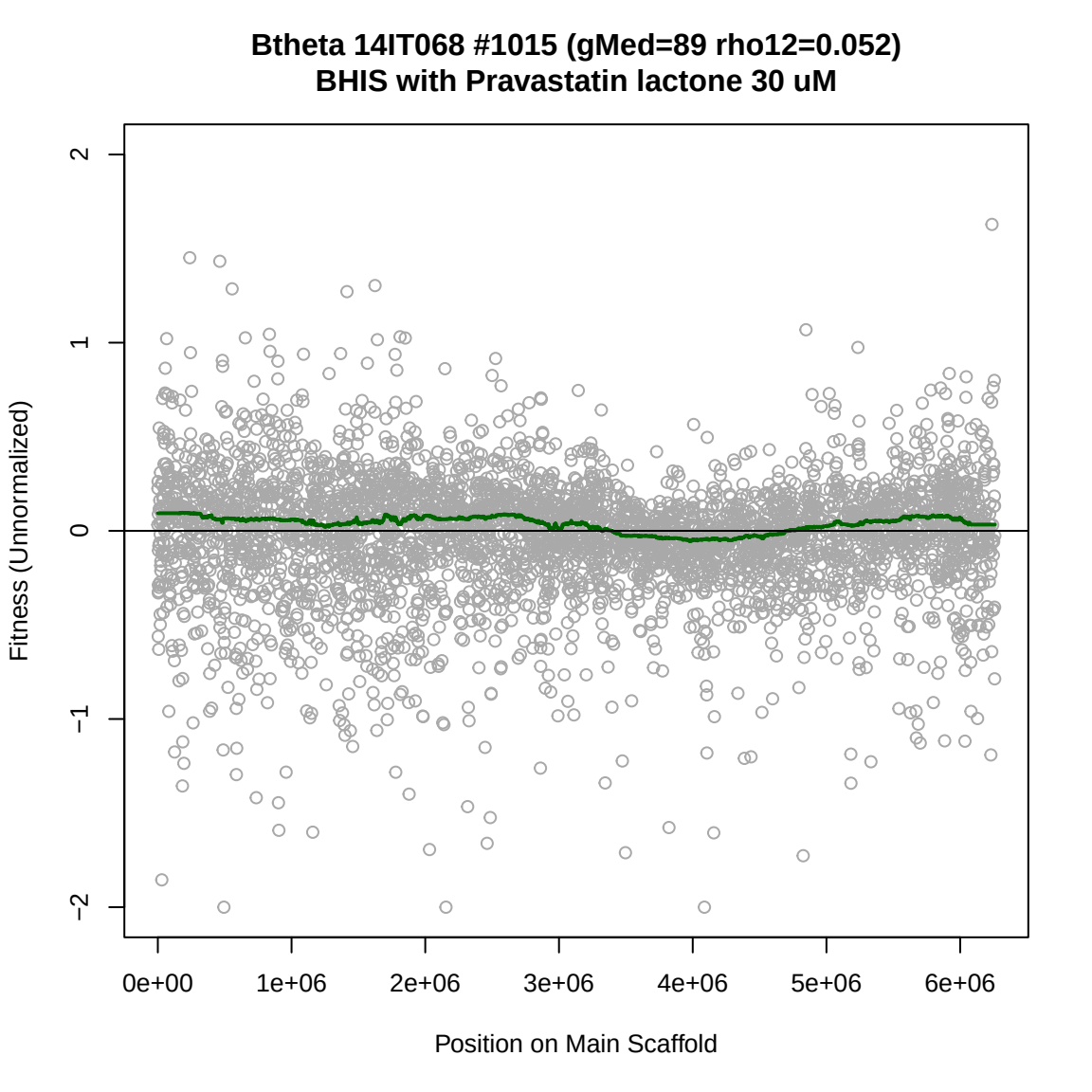

Btheta 14IT062 #1010 (gMed=105 rho12=0.032)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

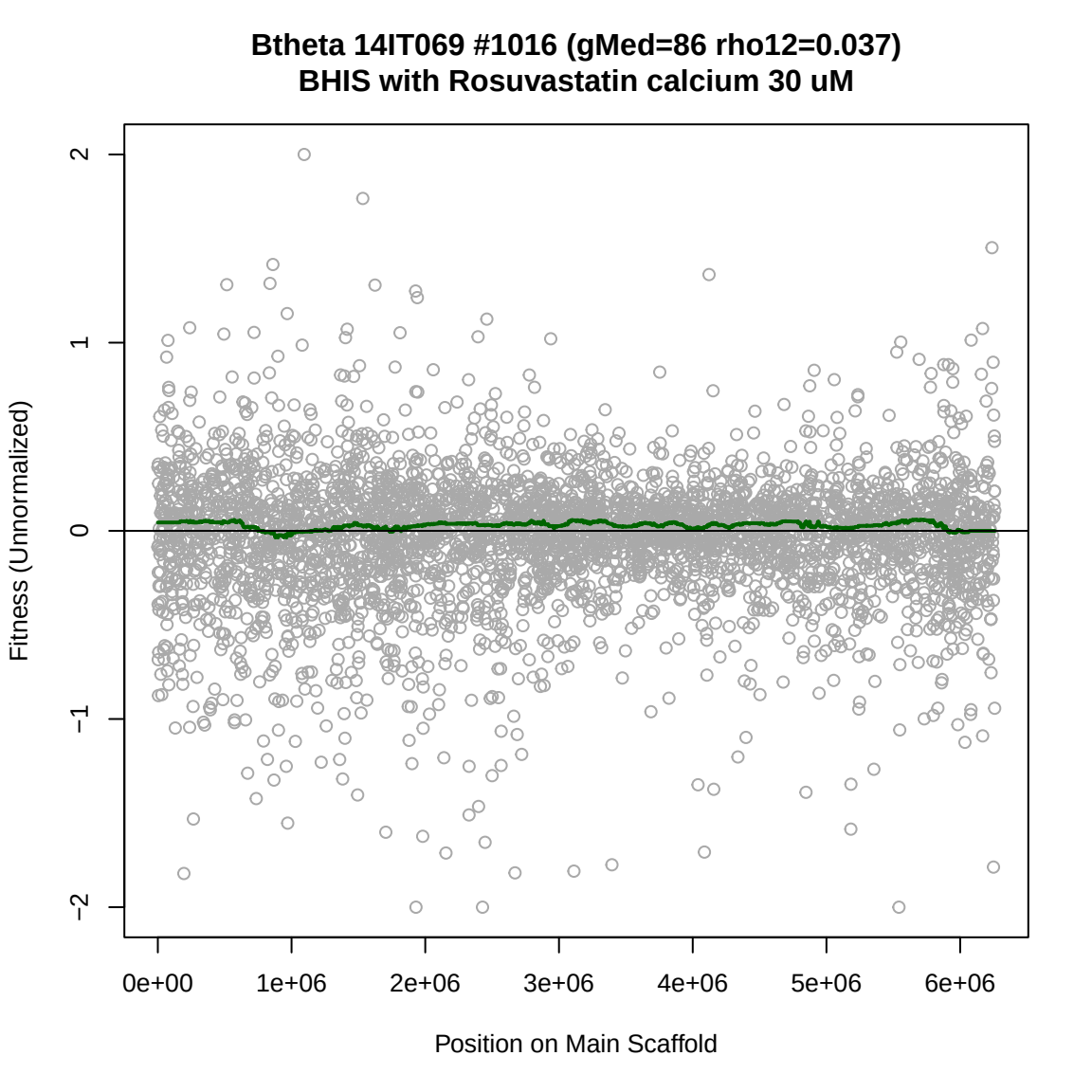

Btheta 14IT064 #1011 (gMed=105 rho12=0.064)
BHIS with Trimethoprim 7.5 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

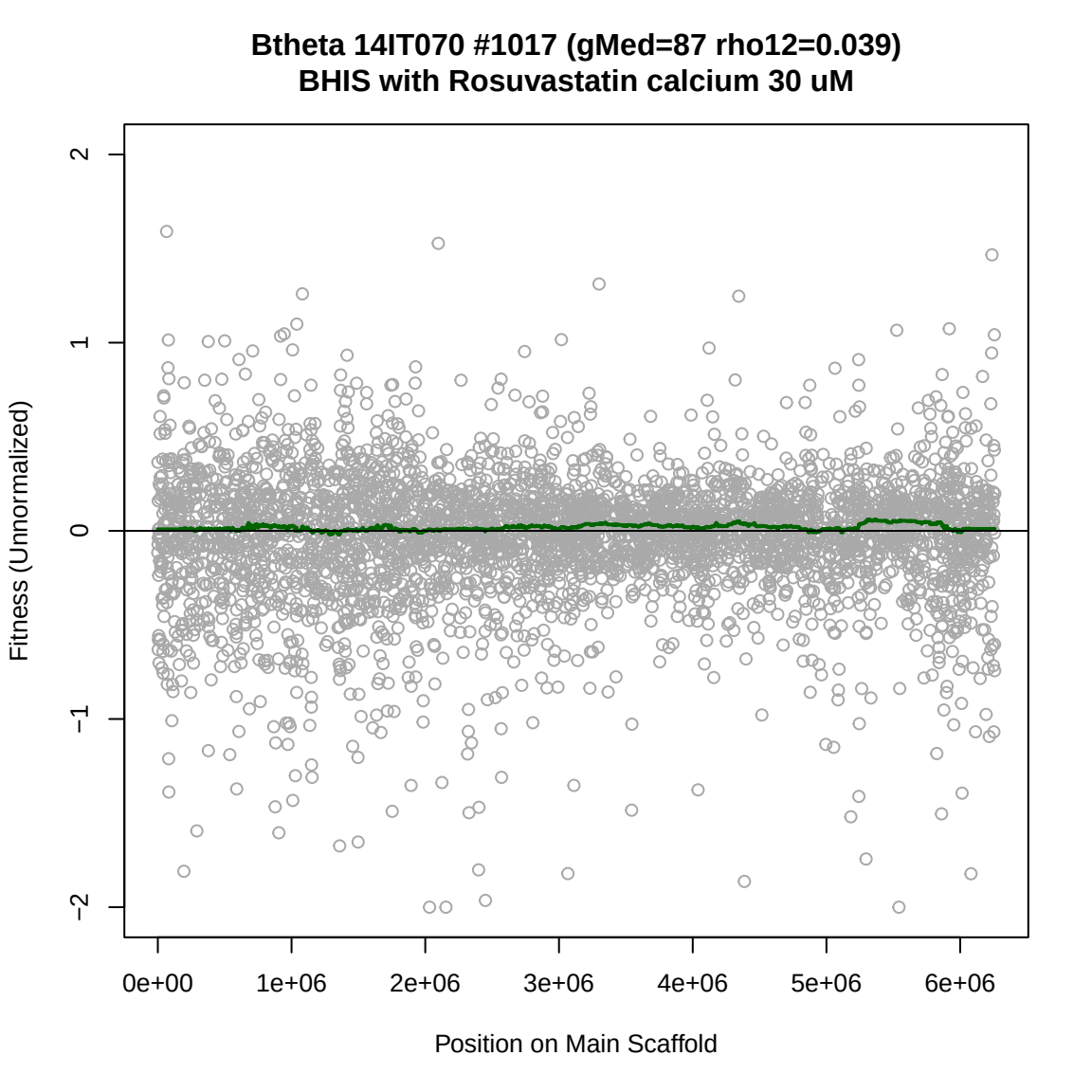

Btheta 14IT065 #1012 (gMed=92 rho12=0.012)
BHIS with Trimethoprim 7.5 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

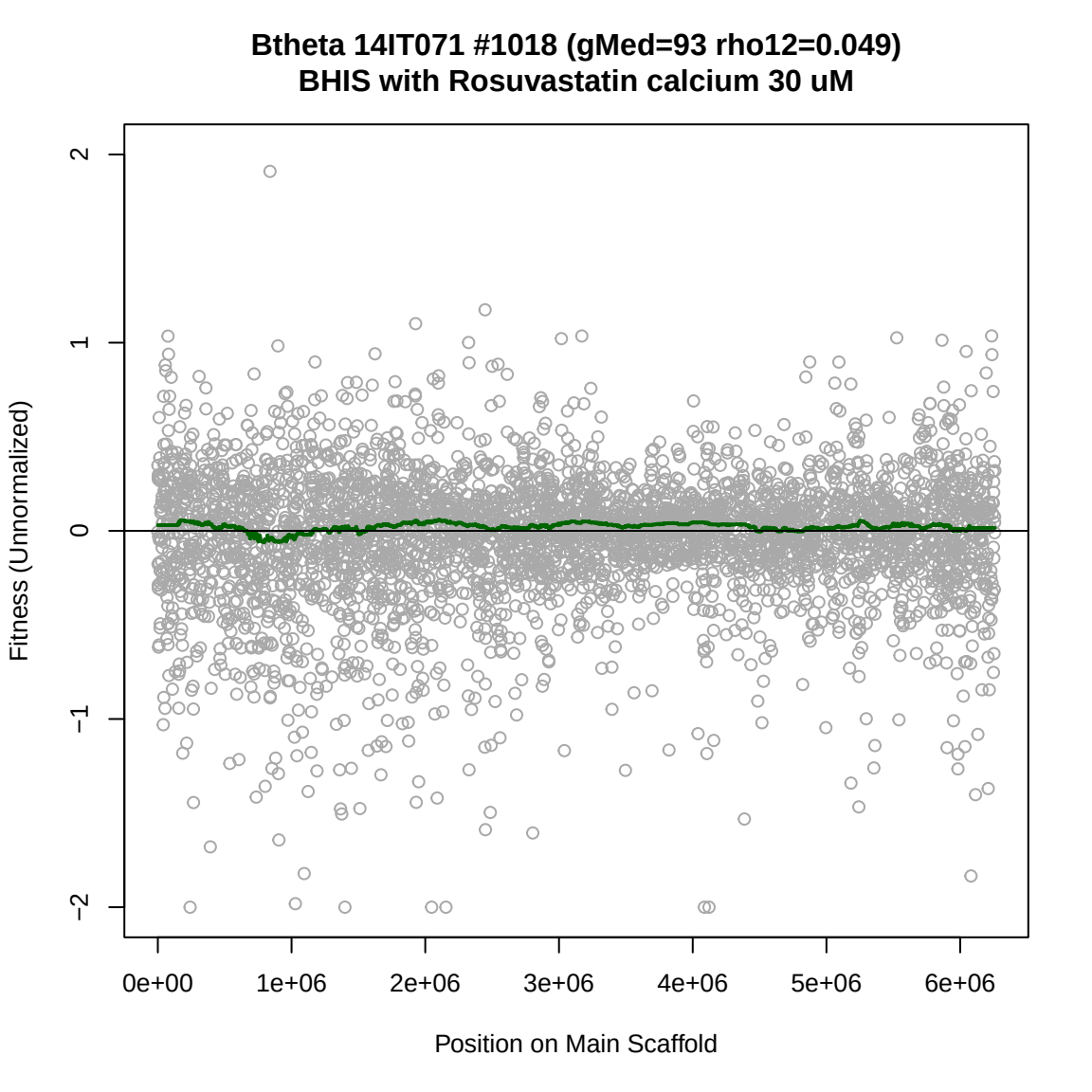

Btheta 14IT066 #1013 (gMed=100 rho12=0.041)
BHIS with Pravastatin lactone 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

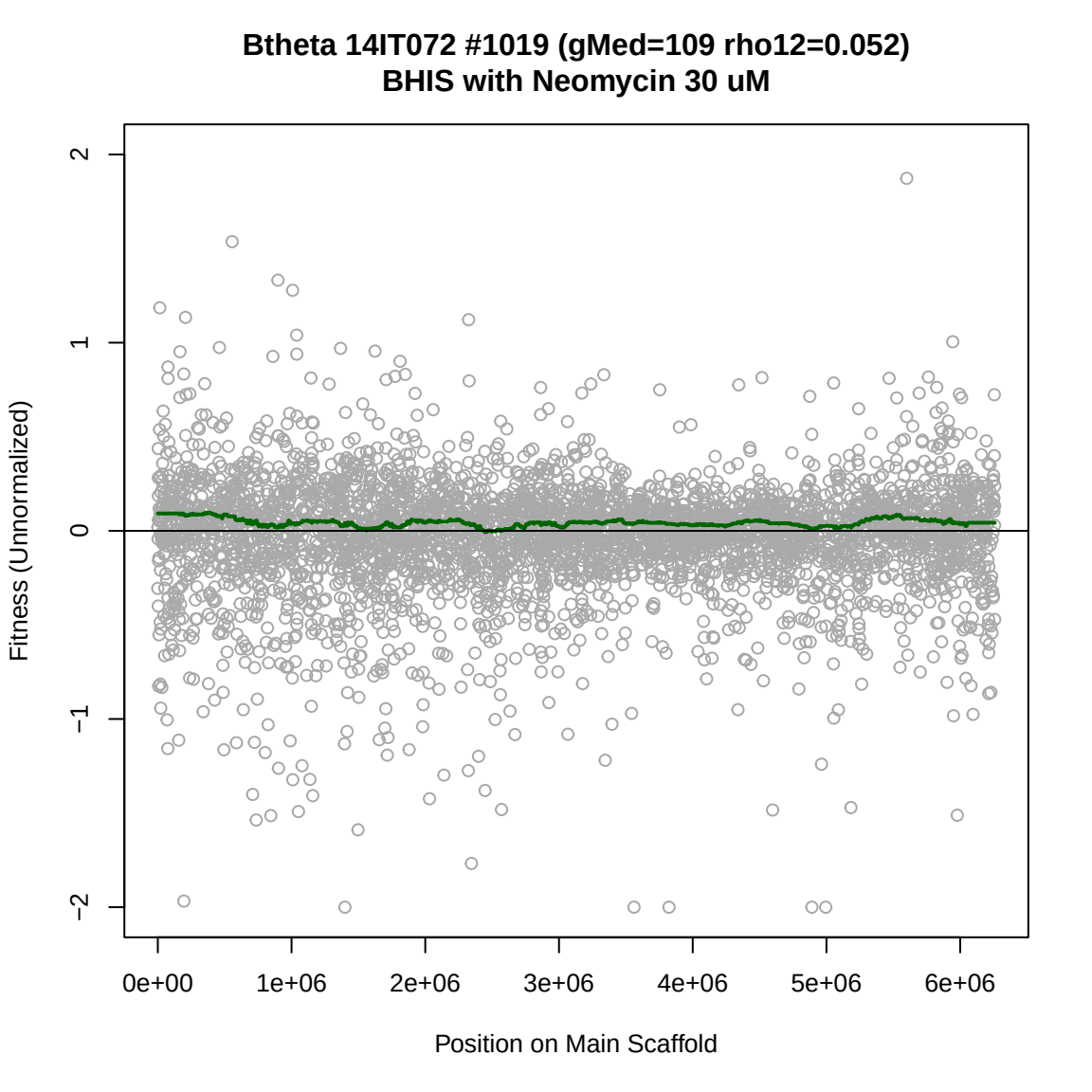

Btheta 14IT067 #1014 (gMed=112 rho12=0.003)
BHIS with Pravastatin lactone 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

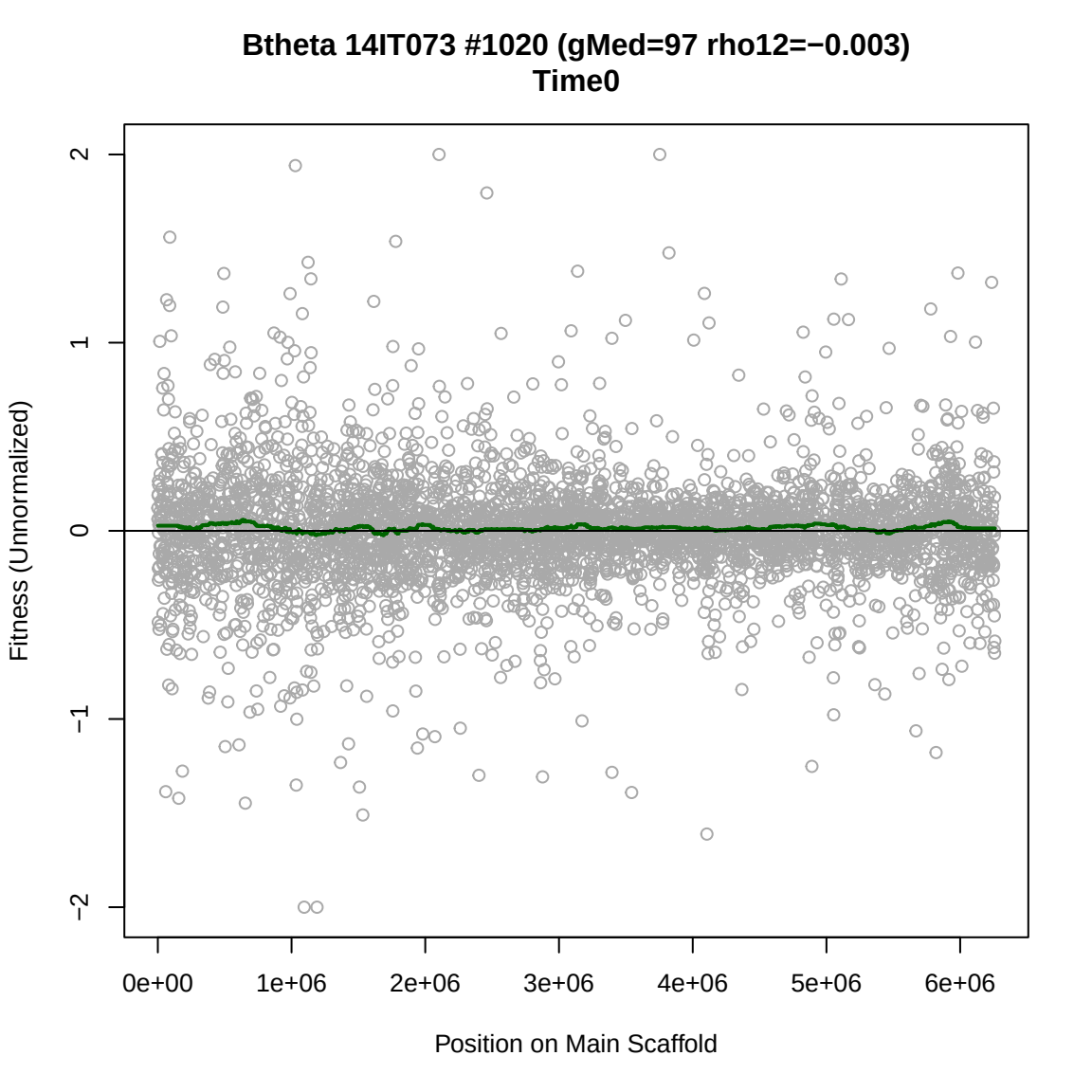

Btheta 14IT068 #1015 (gMed=89 rho12=0.052)
BHIS with Pravastatin lactone 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

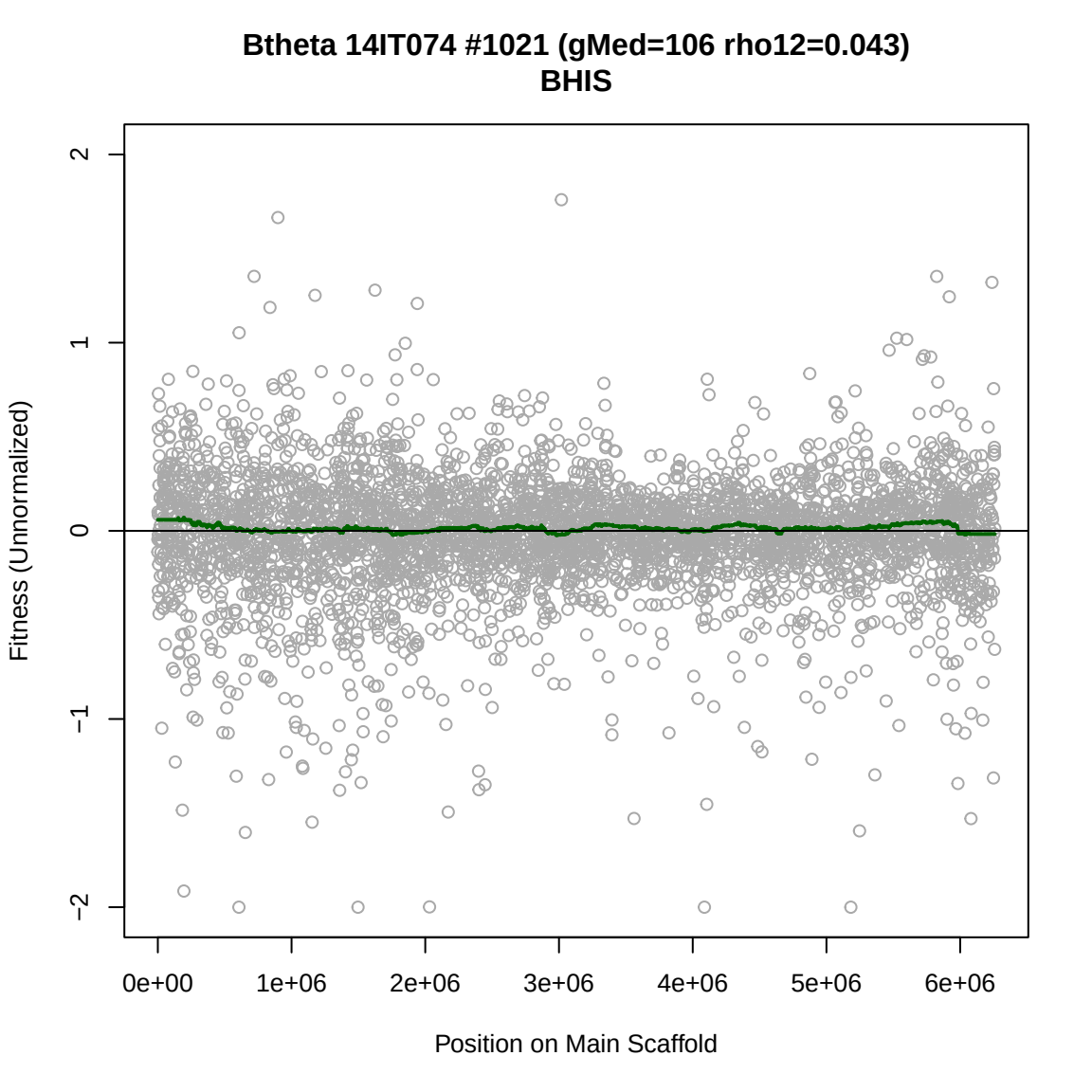

Btheta 14IT069 #1016 (gMed=86 rho12=0.037)
BHIS with Rosuvastatin calcium 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

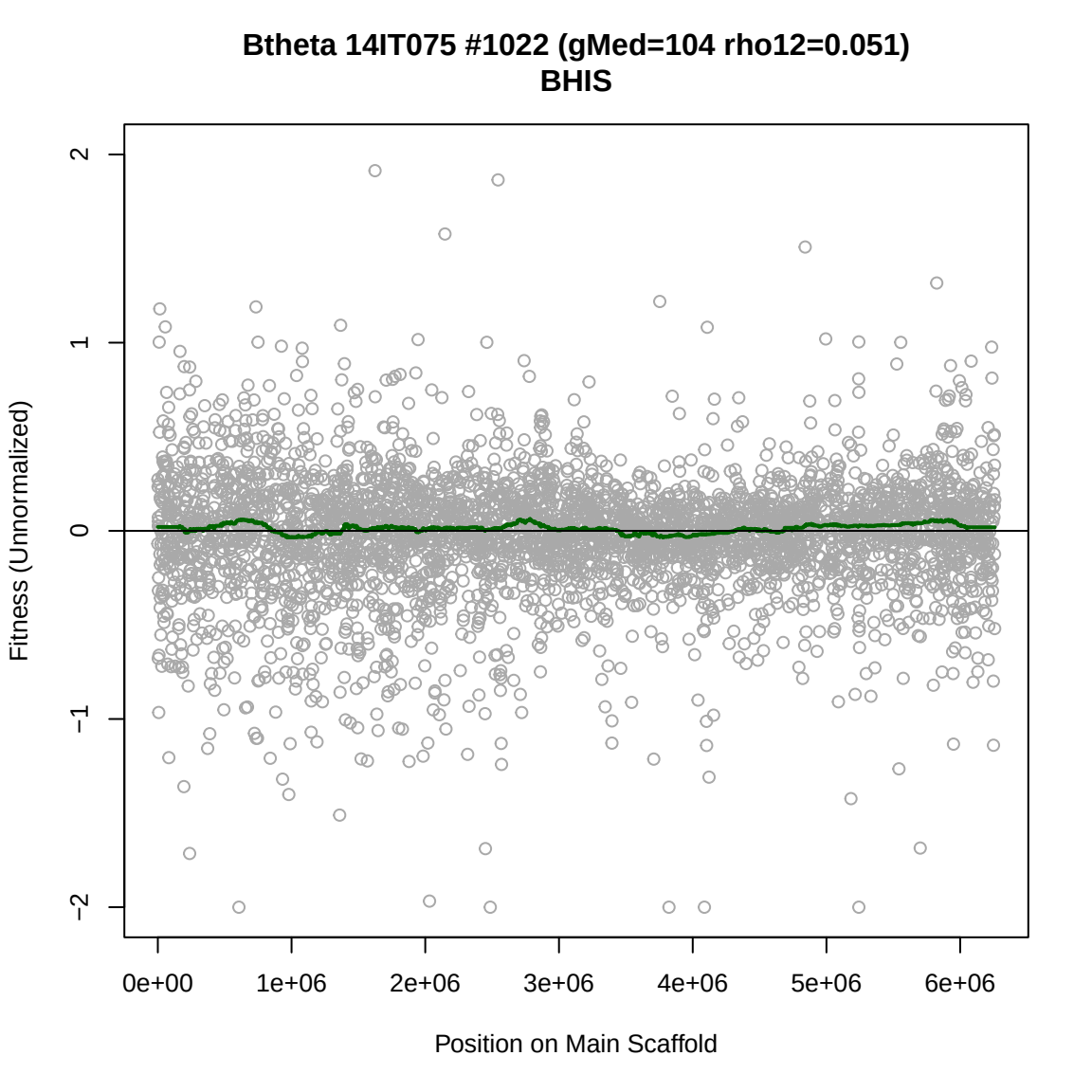

Btheta 14IT070 #1017 (gMed=87 rho12=0.039)
BHIS with Rosuvastatin calcium 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

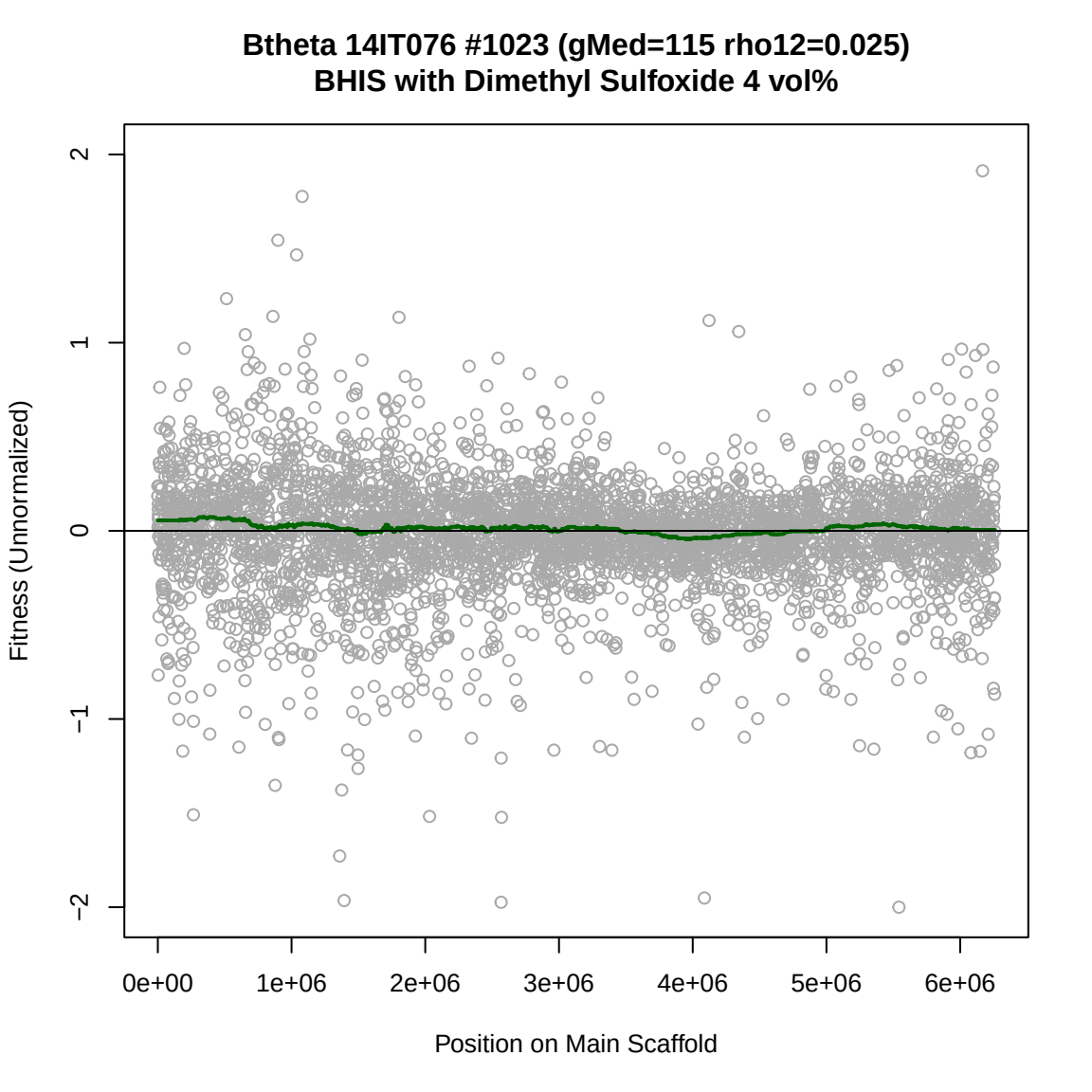

Btheta 14IT071 #1018 (gMed=93 rho12=0.049)
BHIS with Rosuvastatin calcium 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

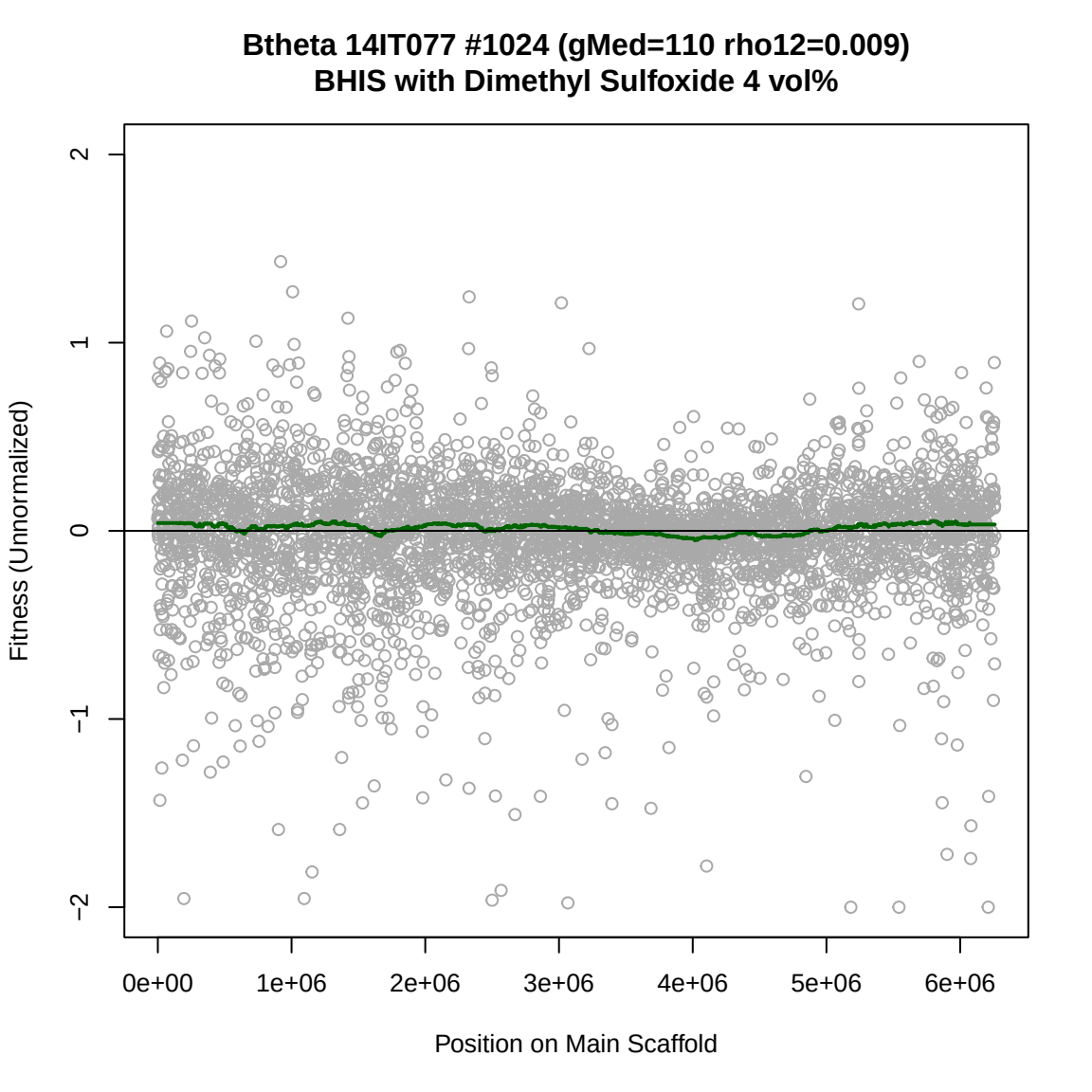

Btheta 14IT072 #1019 (gMed=109 rho12=0.052)
BHIS with Neomycin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

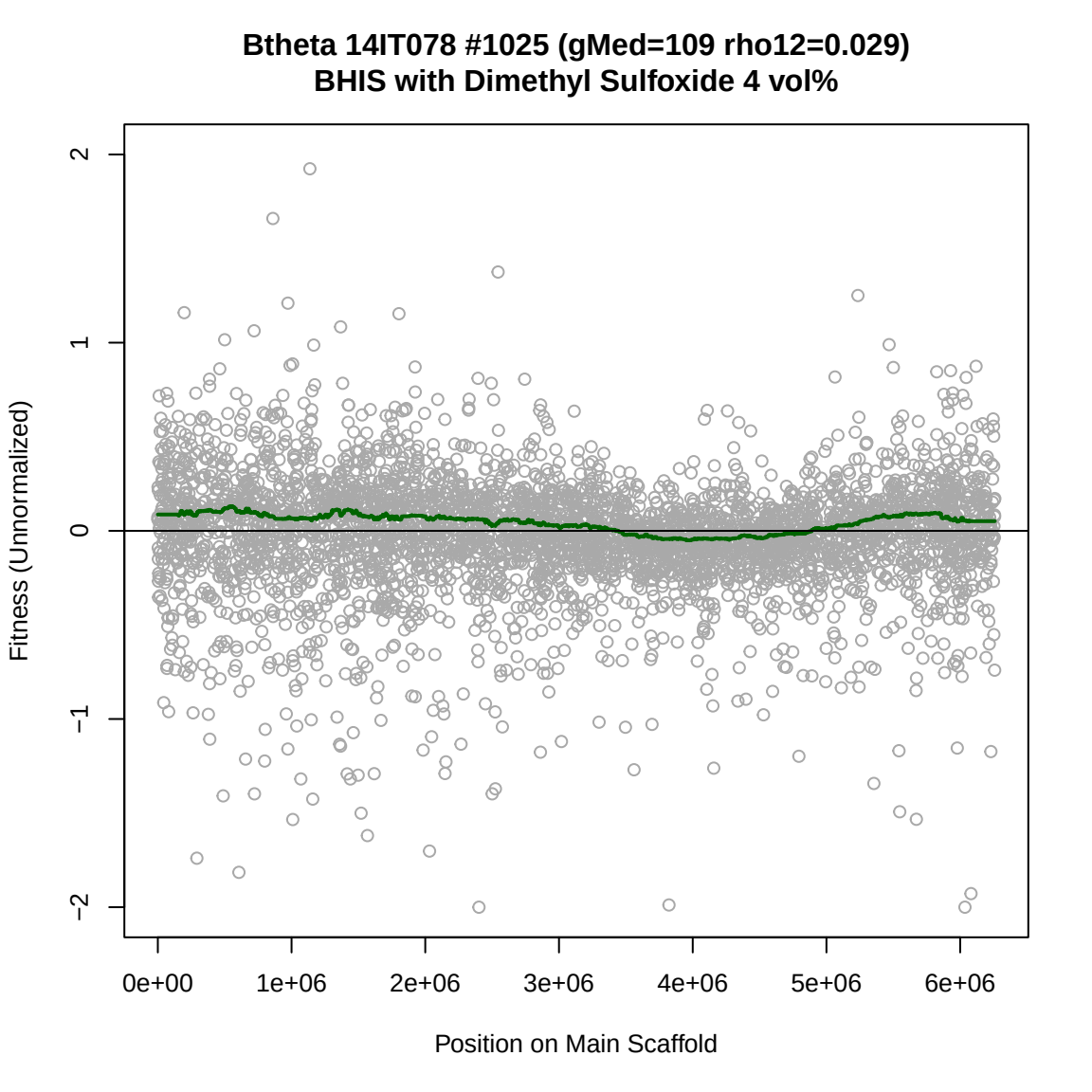

Btheta 14IT073 #1020 (gMed=97 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

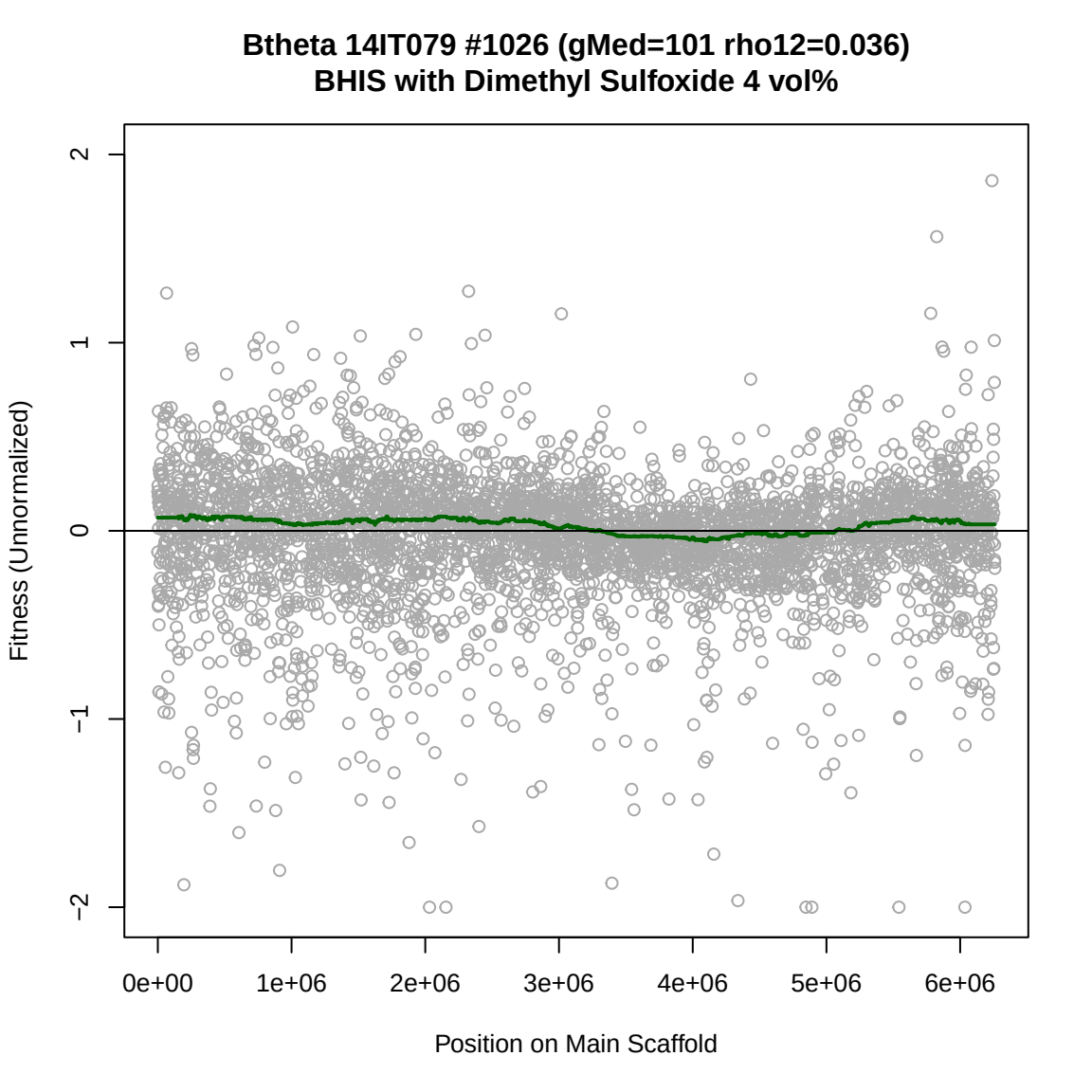

Btheta 14IT074 #1021 (gMed=106 rho12=0.043)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

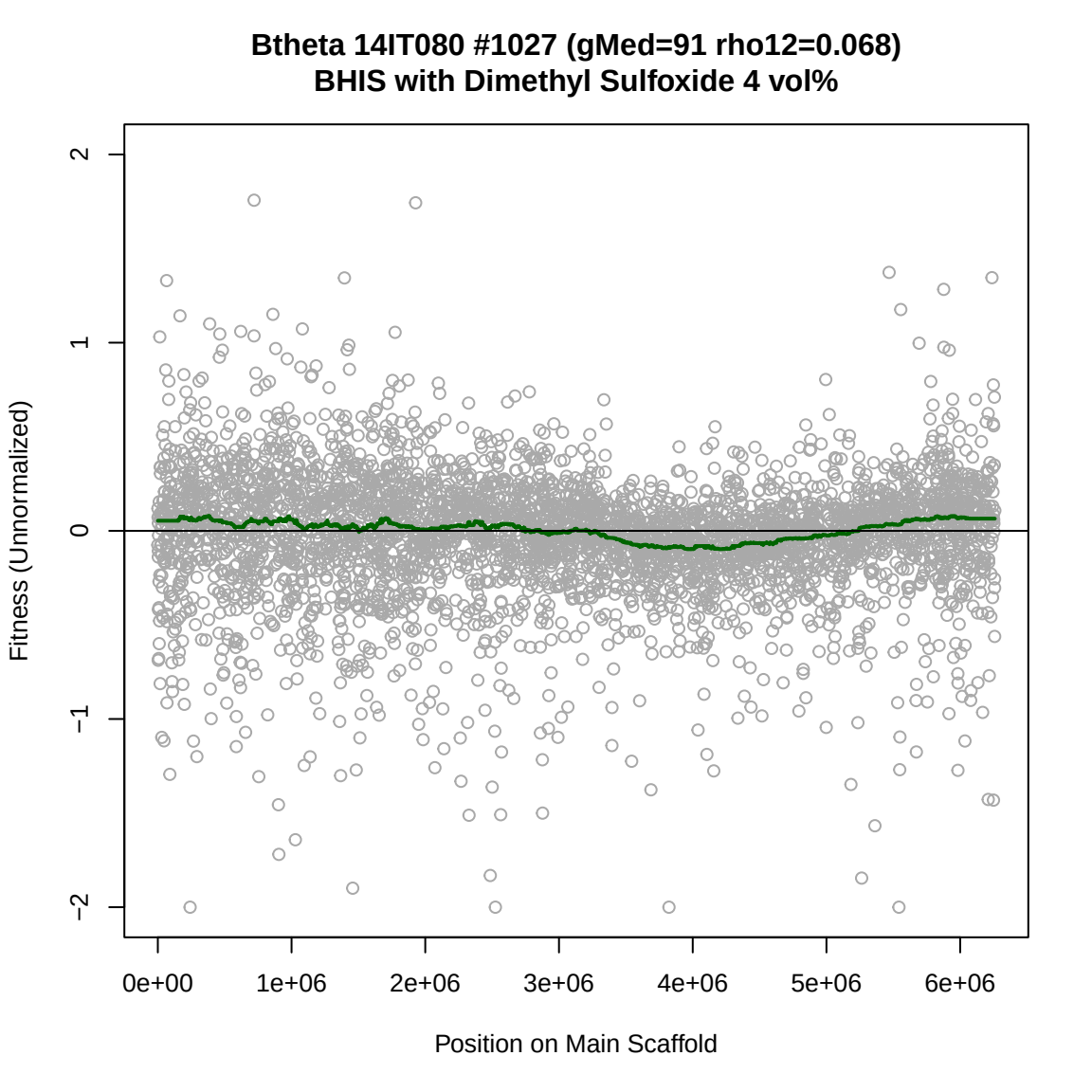

Btheta 14IT075 #1022 (gMed=104 rho12=0.051)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

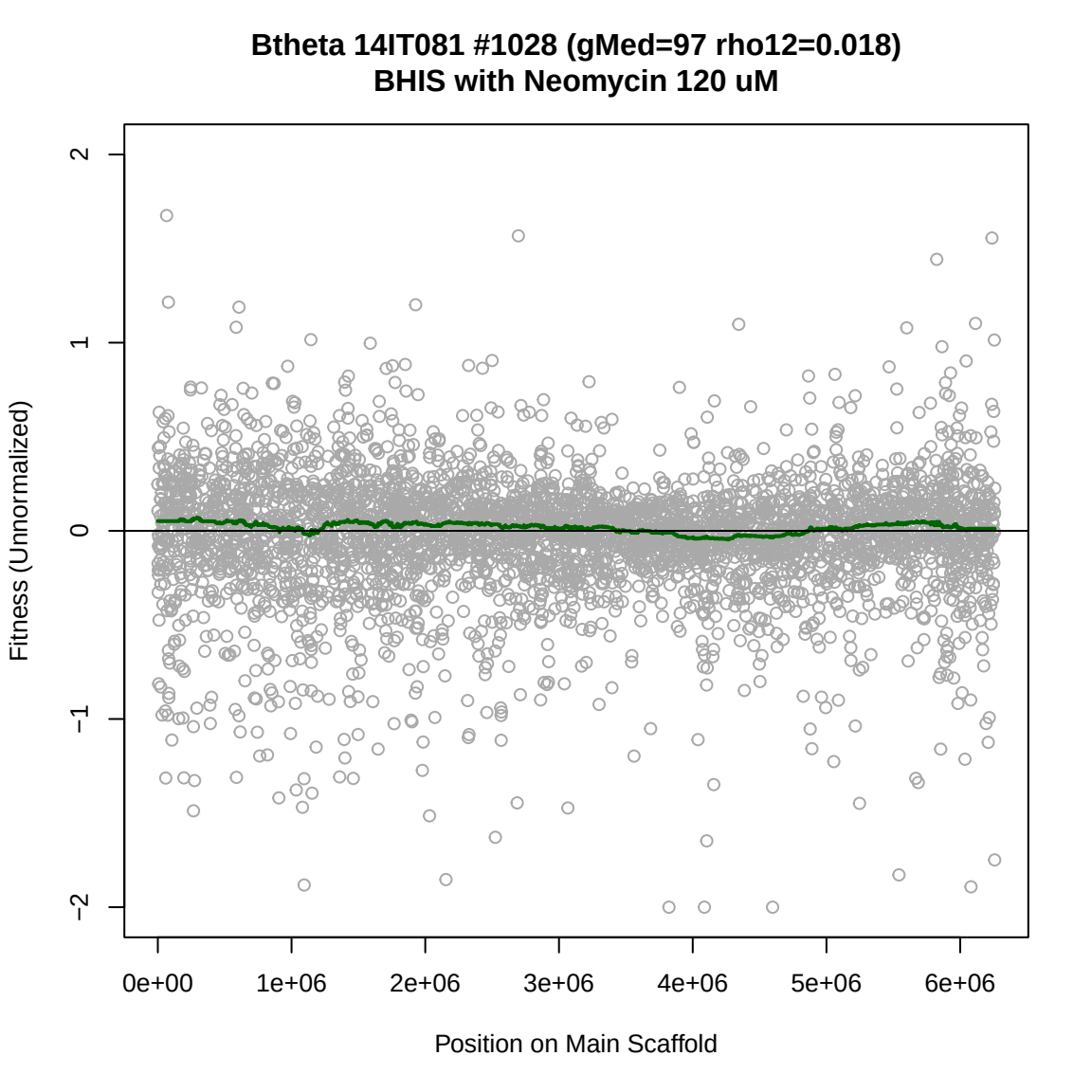

Btheta 14IT076 #1023 (gMed=115 rho12=0.025)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

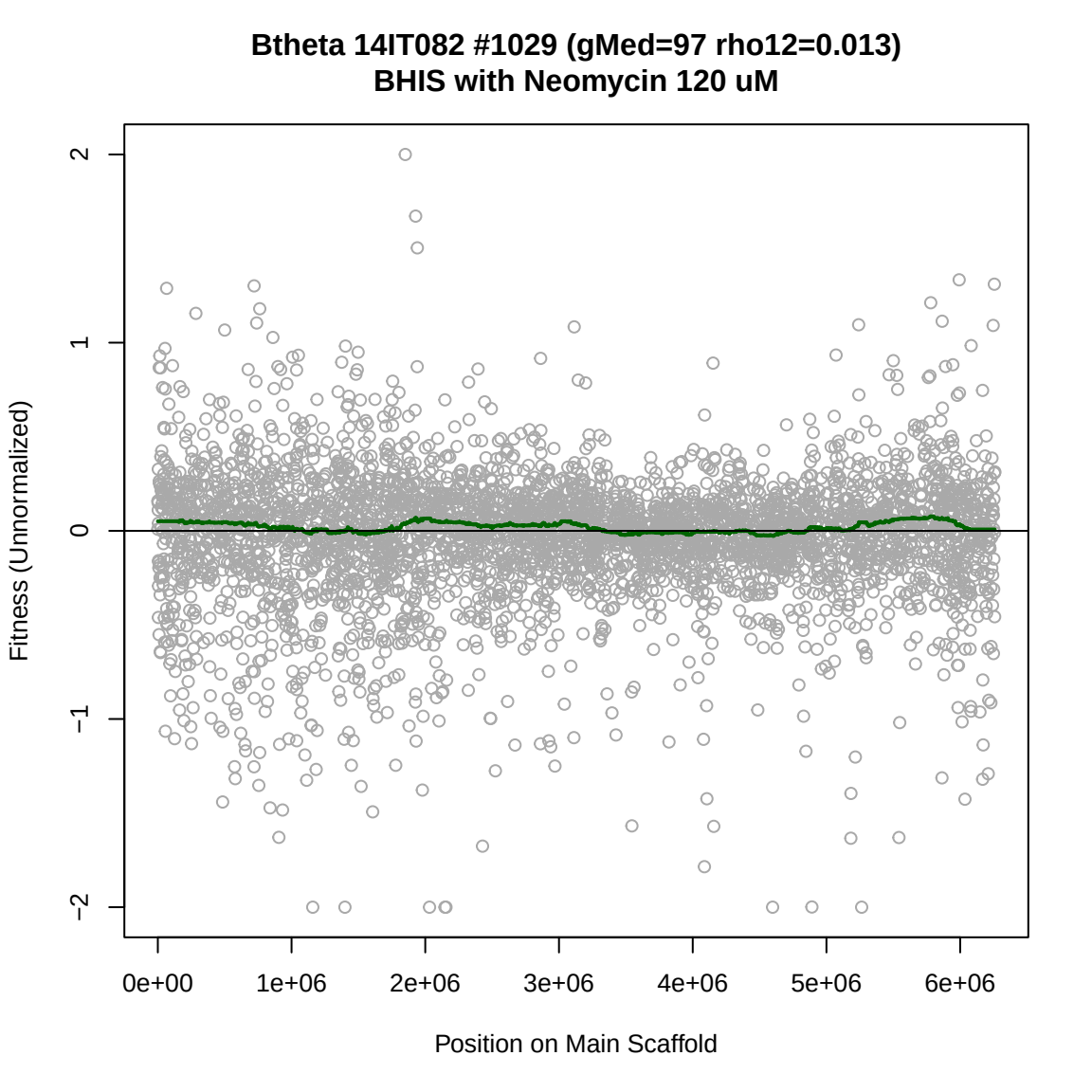

Btheta 14IT077 #1024 (gMed=110 rho12=0.009)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

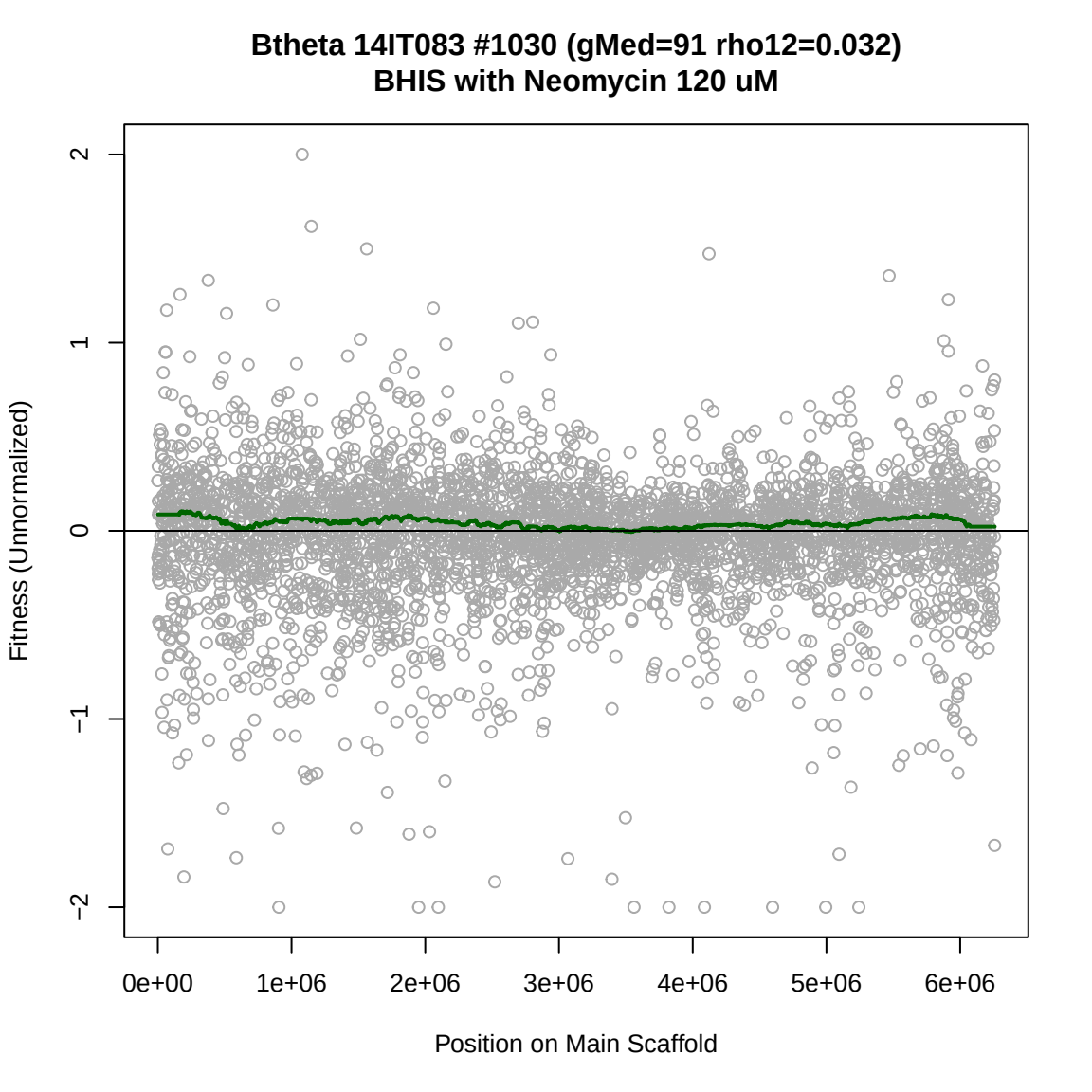

Btheta 14IT078 #1025 (gMed=109 rho12=0.029)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

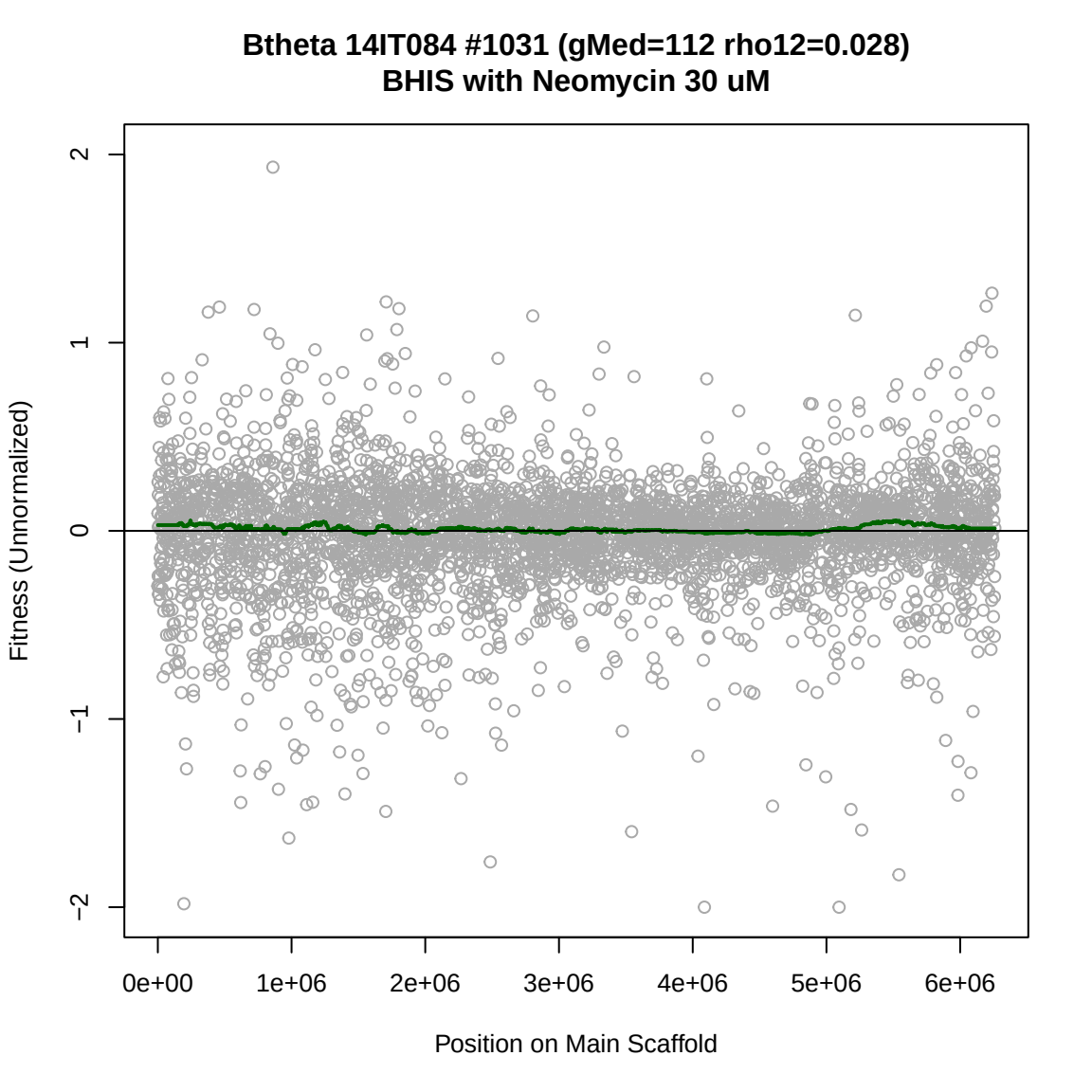

Btheta 14IT079 #1026 (gMed=101 rho12=0.036)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

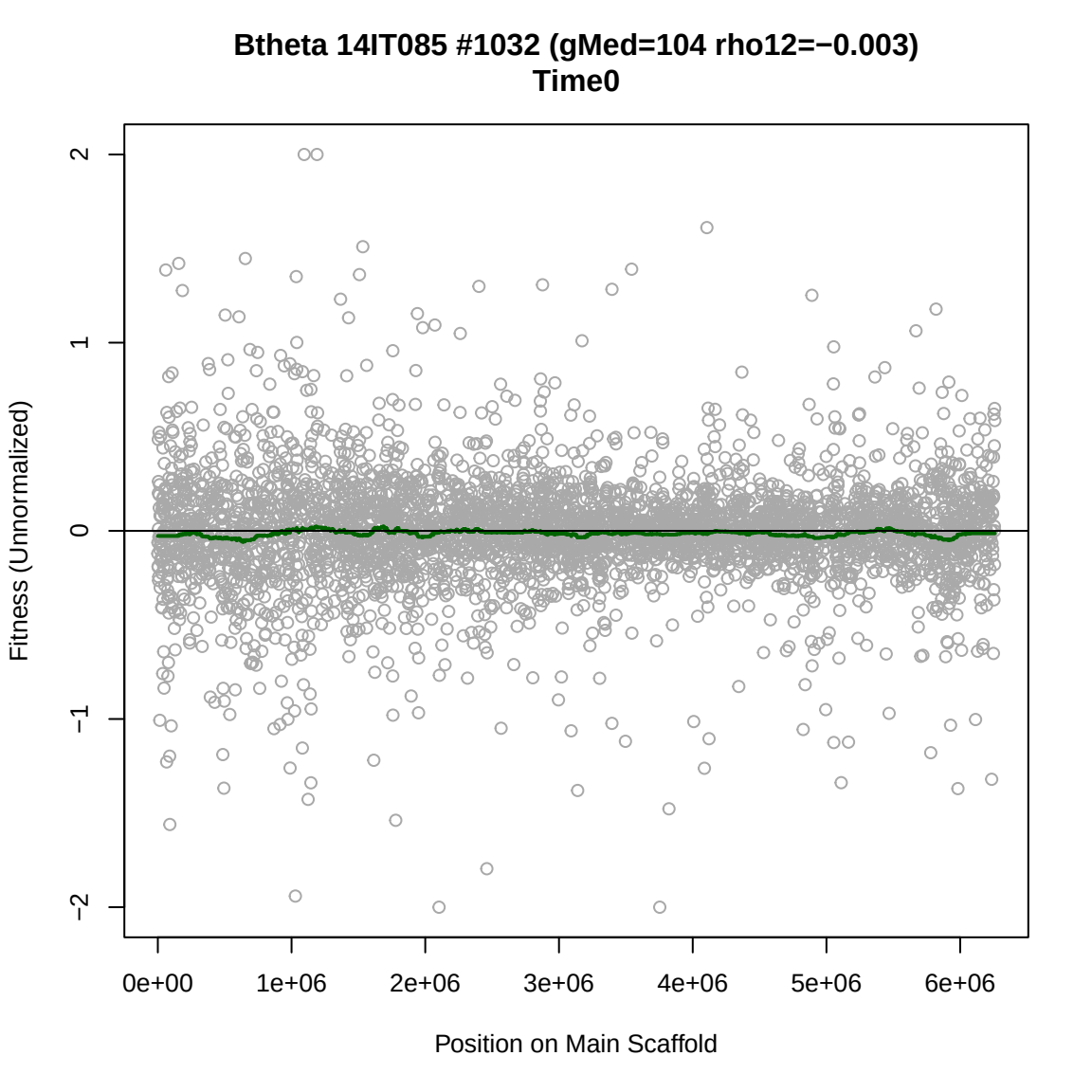

Btheta 14IT080 #1027 (gMed=91 rho12=0.068)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

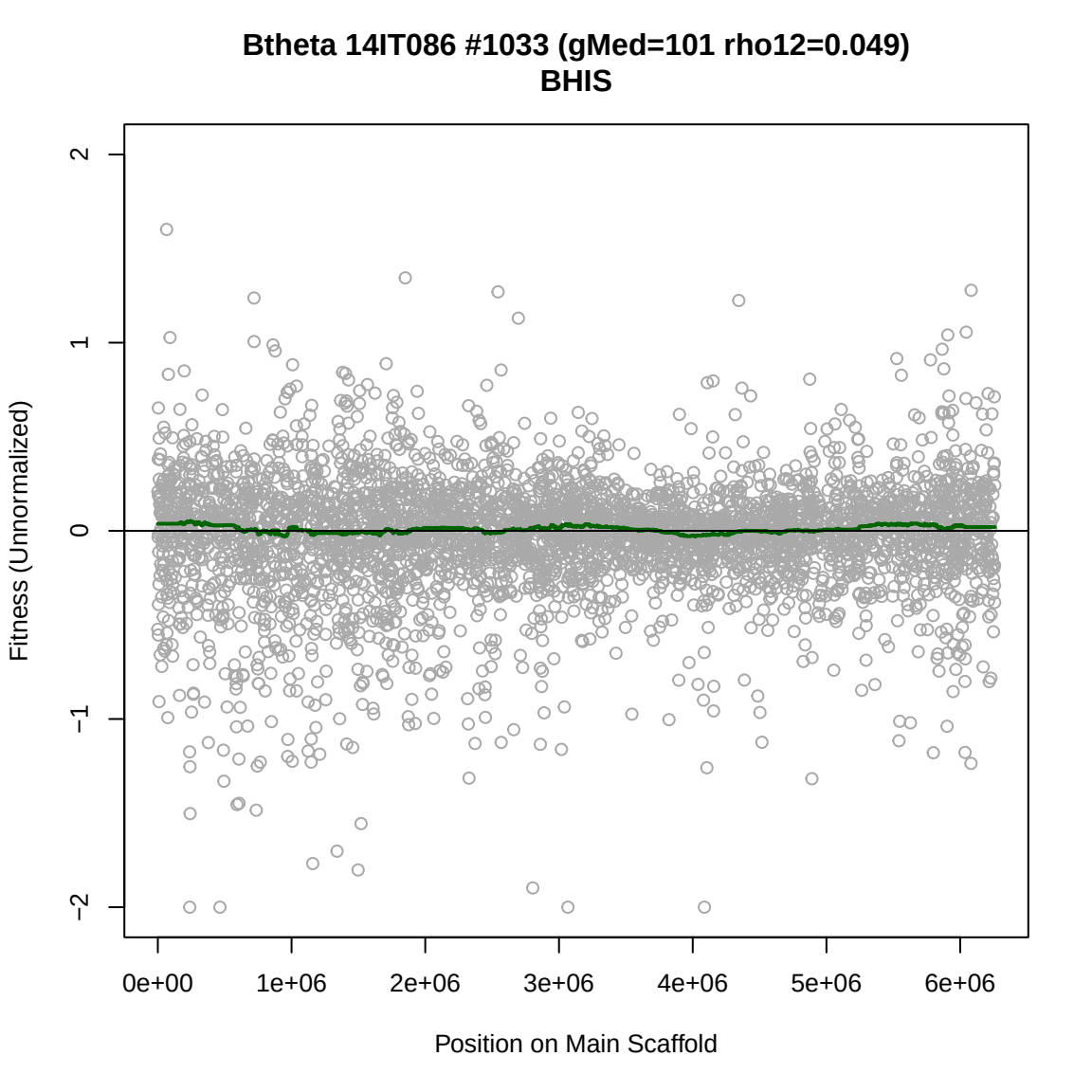

Btheta 14IT081 #1028 (gMed=97 rho12=0.018)
BHIS with Neomycin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

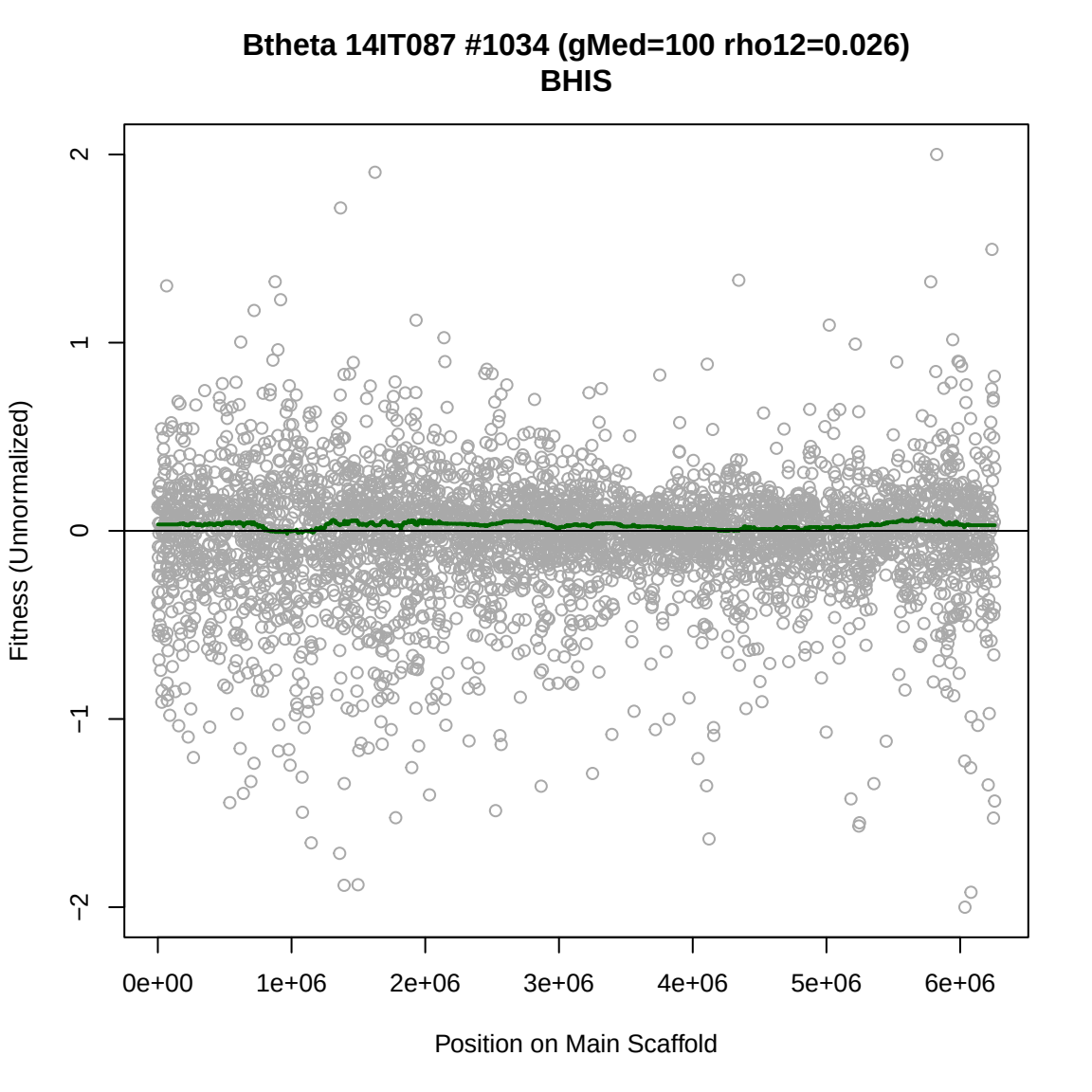

Btheta 14IT082 #1029 (gMed=97 rho12=0.013)
BHIS with Neomycin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

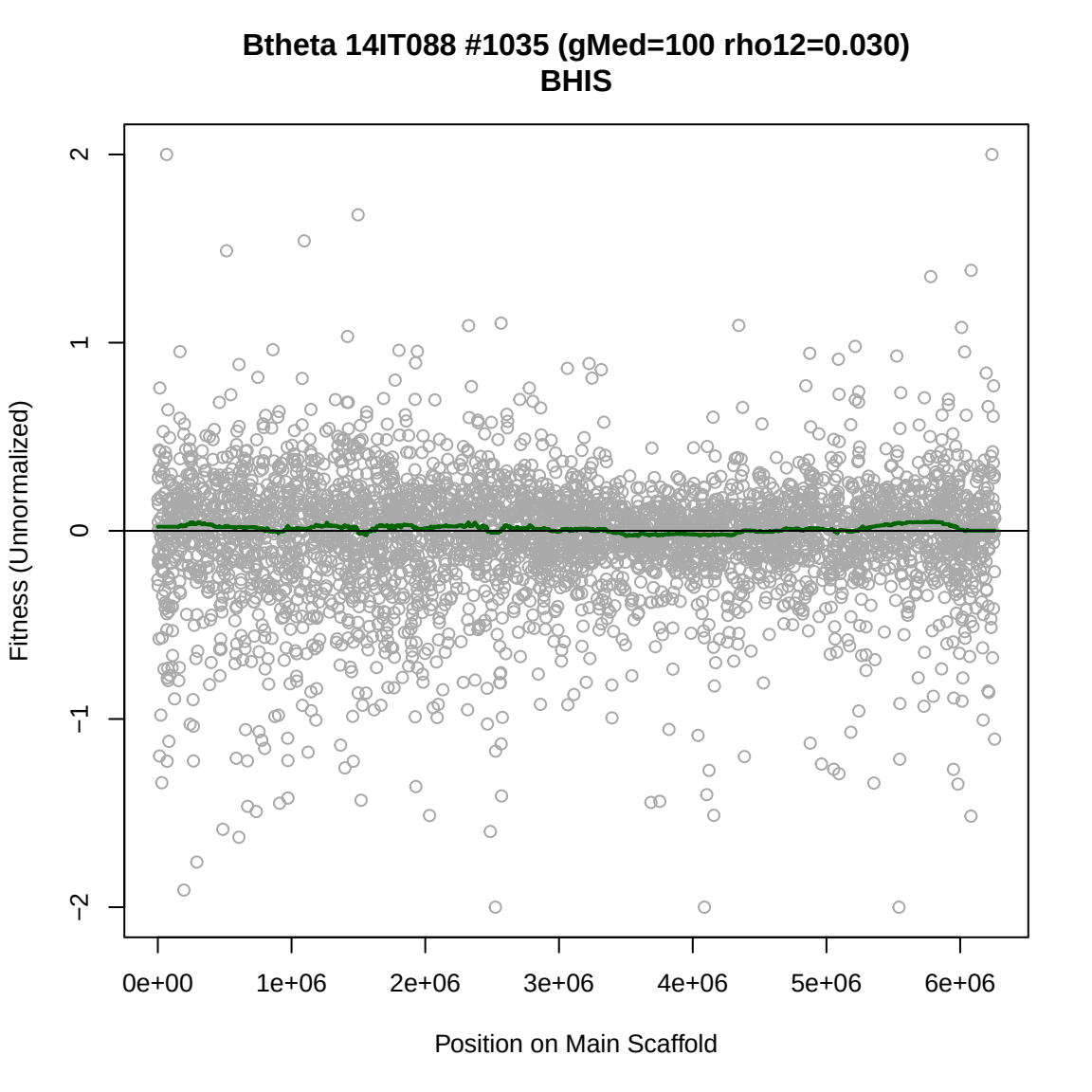

Btheta 14IT083 #1030 (gMed=91 rho12=0.032)
BHIS with Neomycin 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

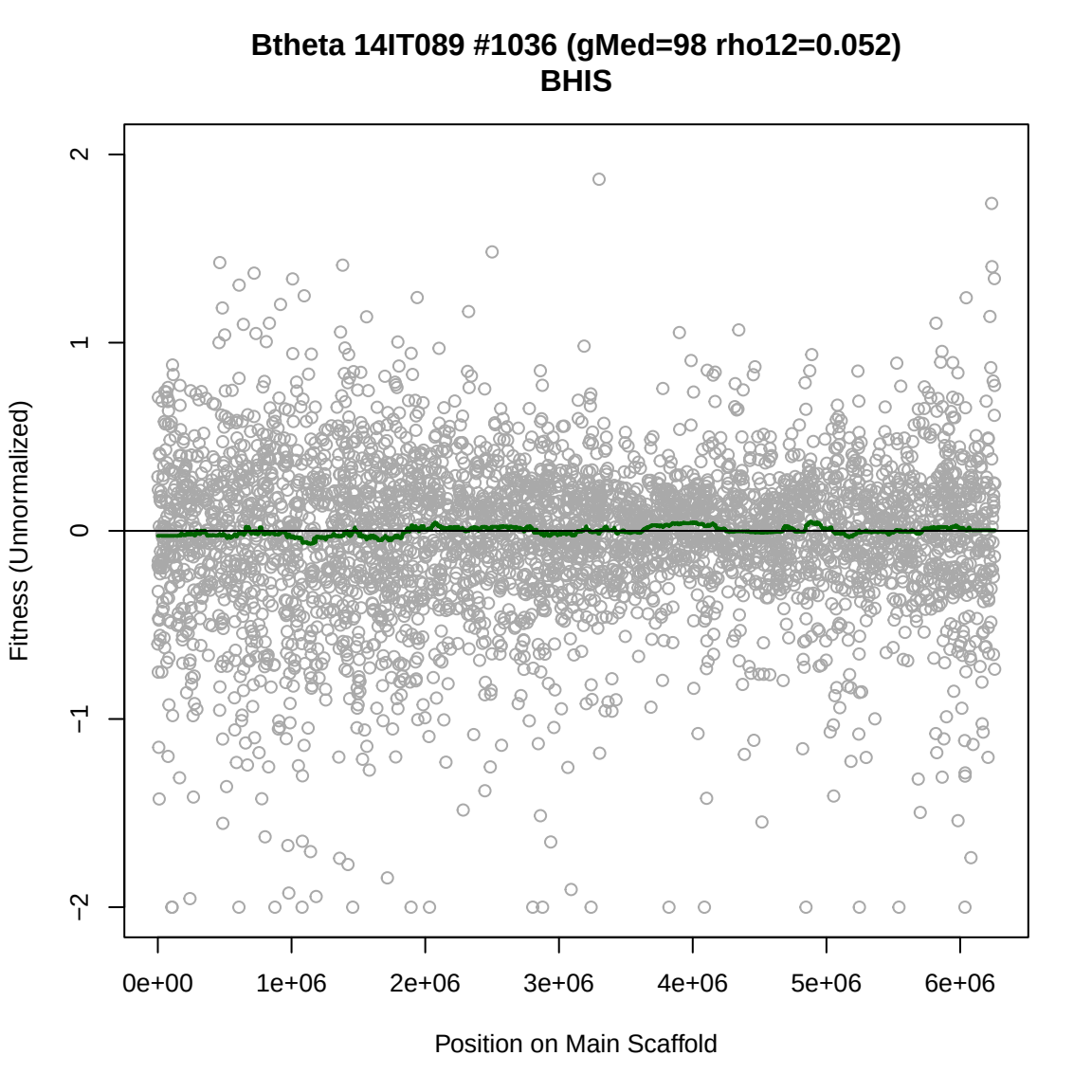

Btheta 14IT084 #1031 (gMed=112 rho12=0.028)
BHIS with Neomycin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

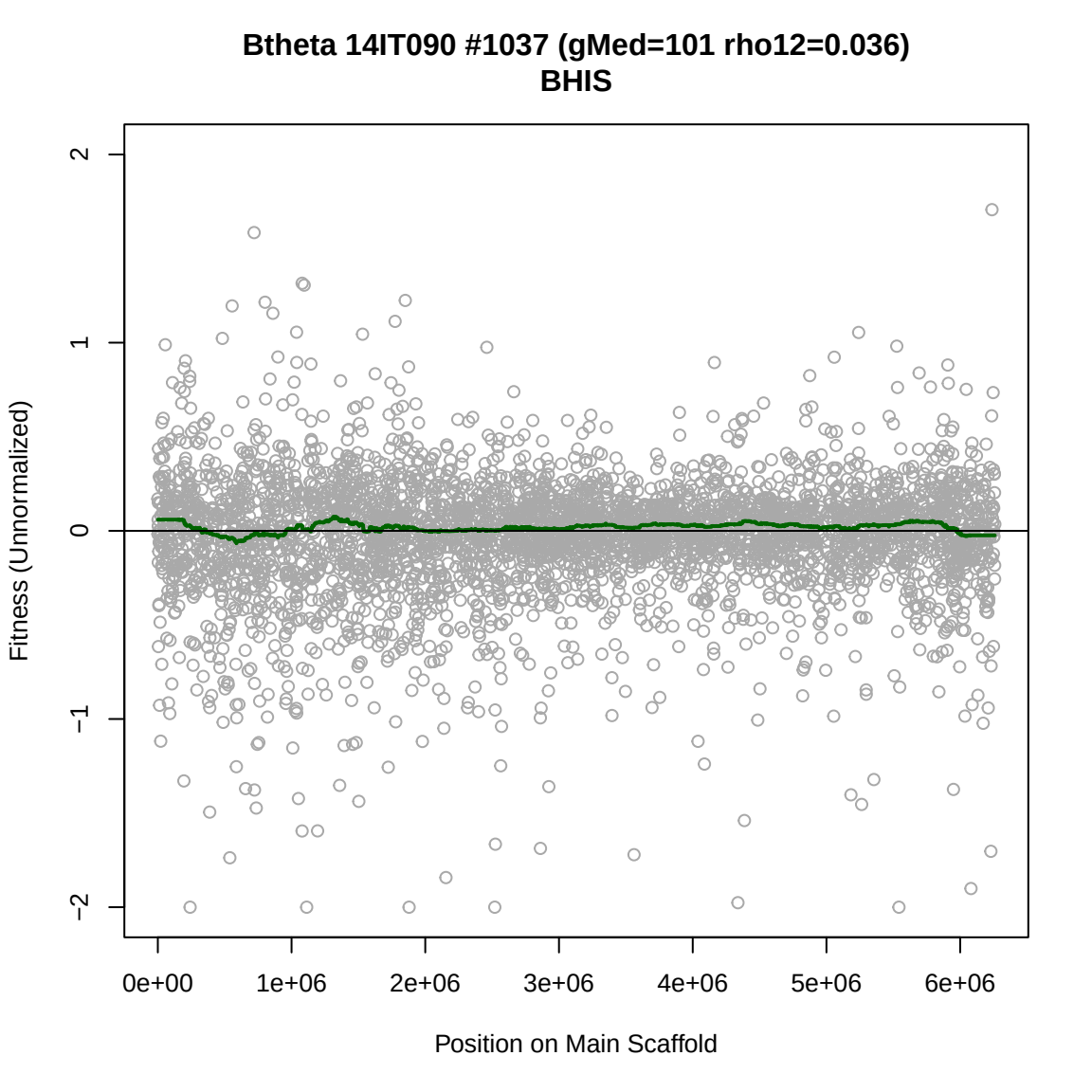

Btheta 14IT085 #1032 (gMed=104 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

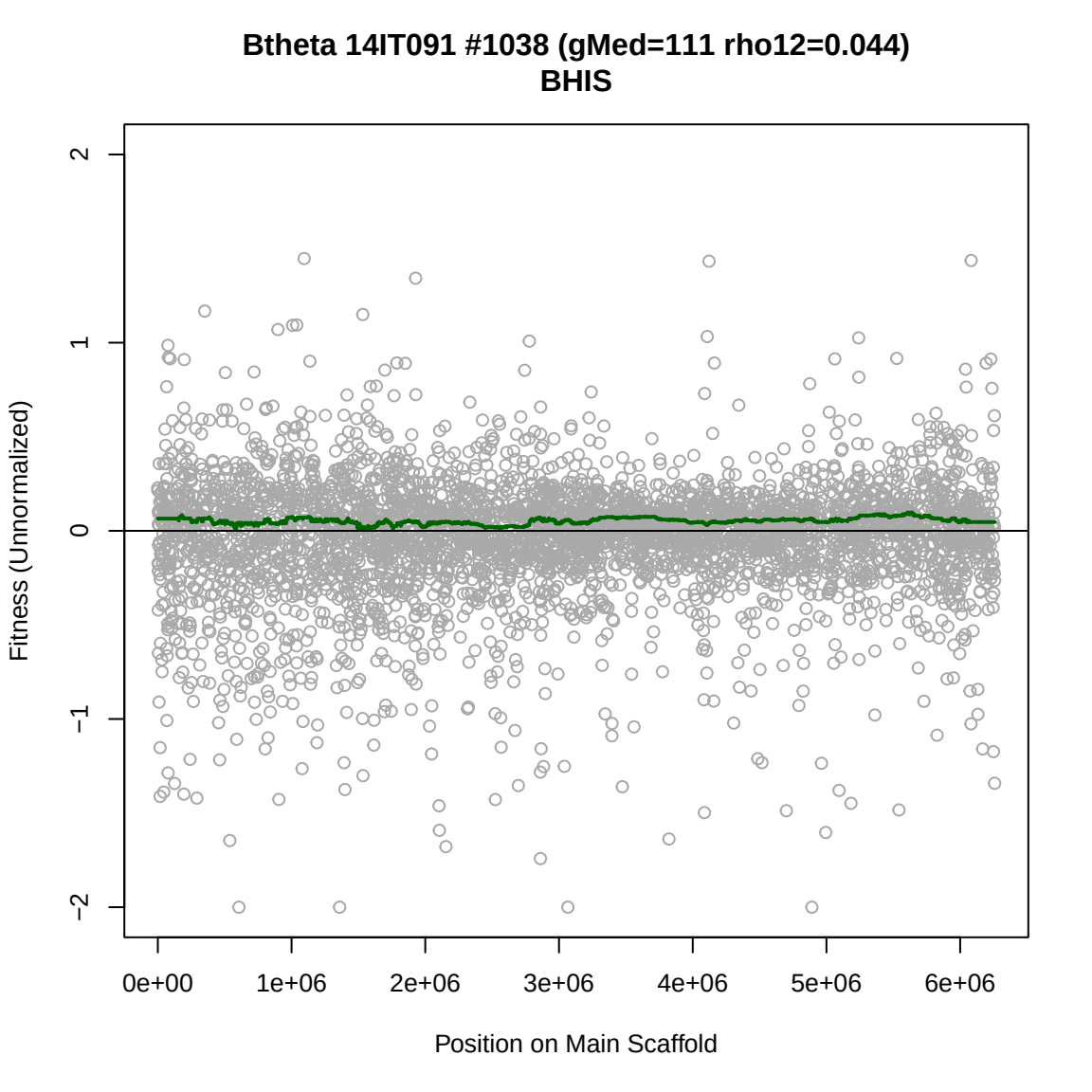

Btheta 14IT086 #1033 (gMed=101 rho12=0.049)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

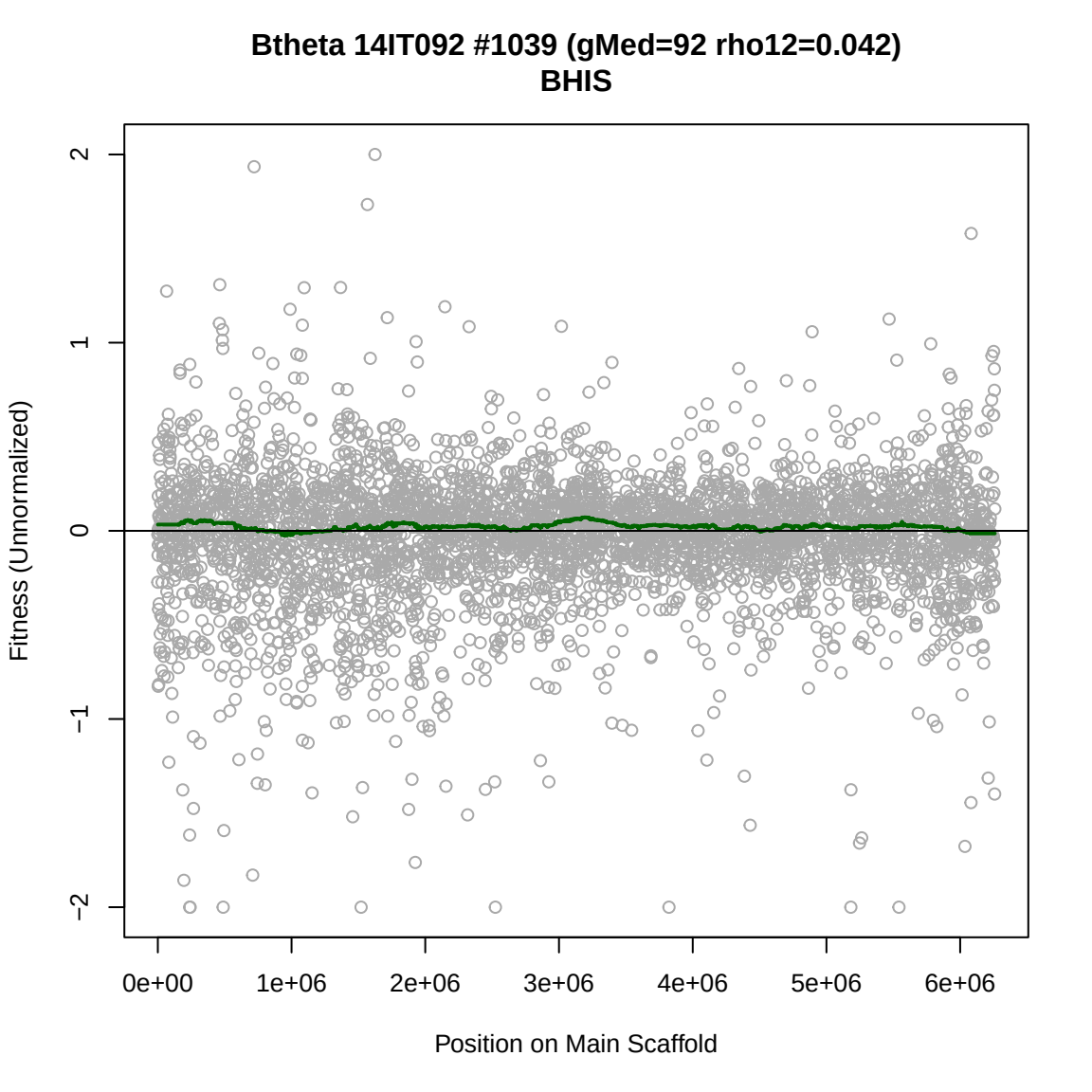

Btheta 14IT087 #1034 (gMed=100 rho12=0.026)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

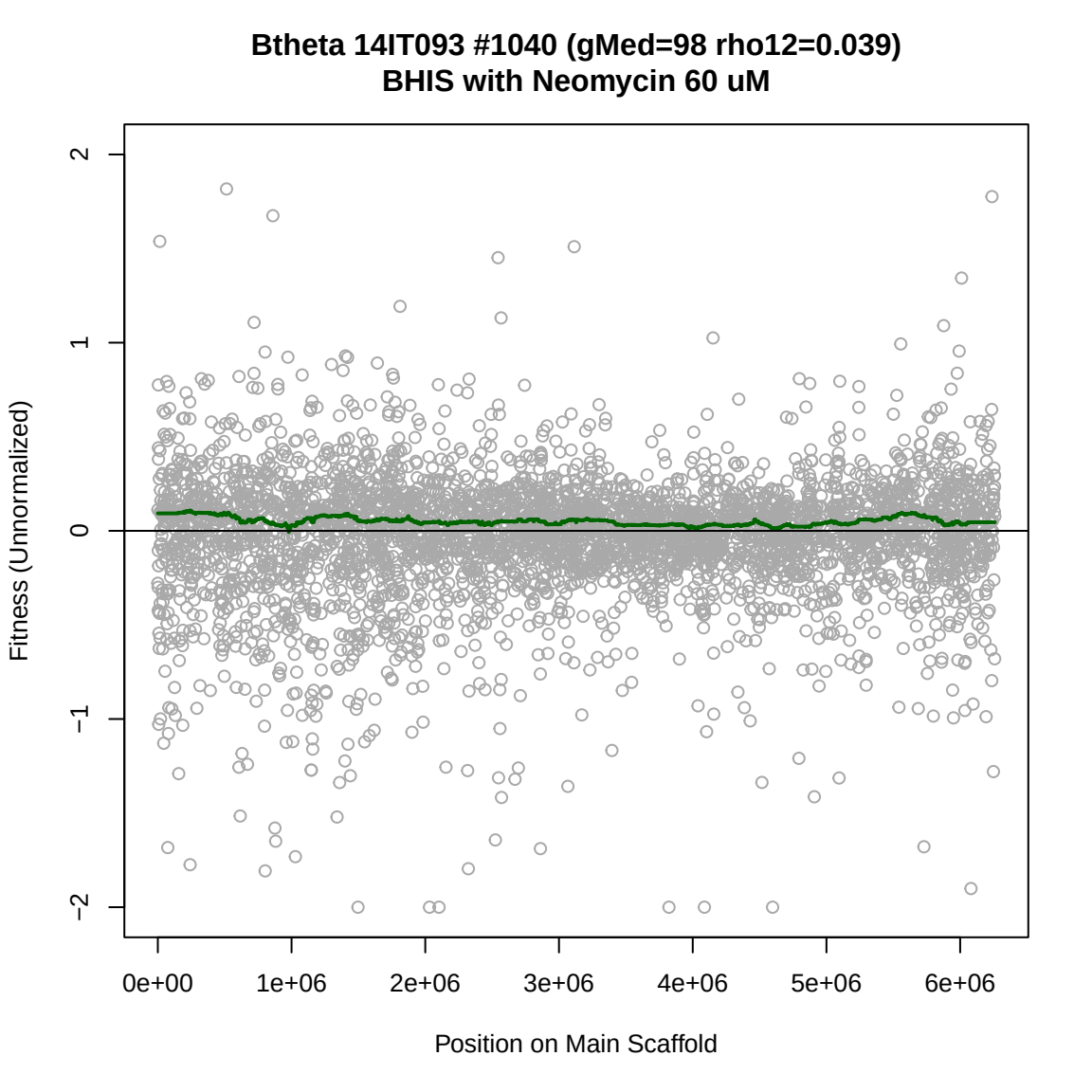

Btheta 14IT088 #1035 (gMed=100 rho12=0.030)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

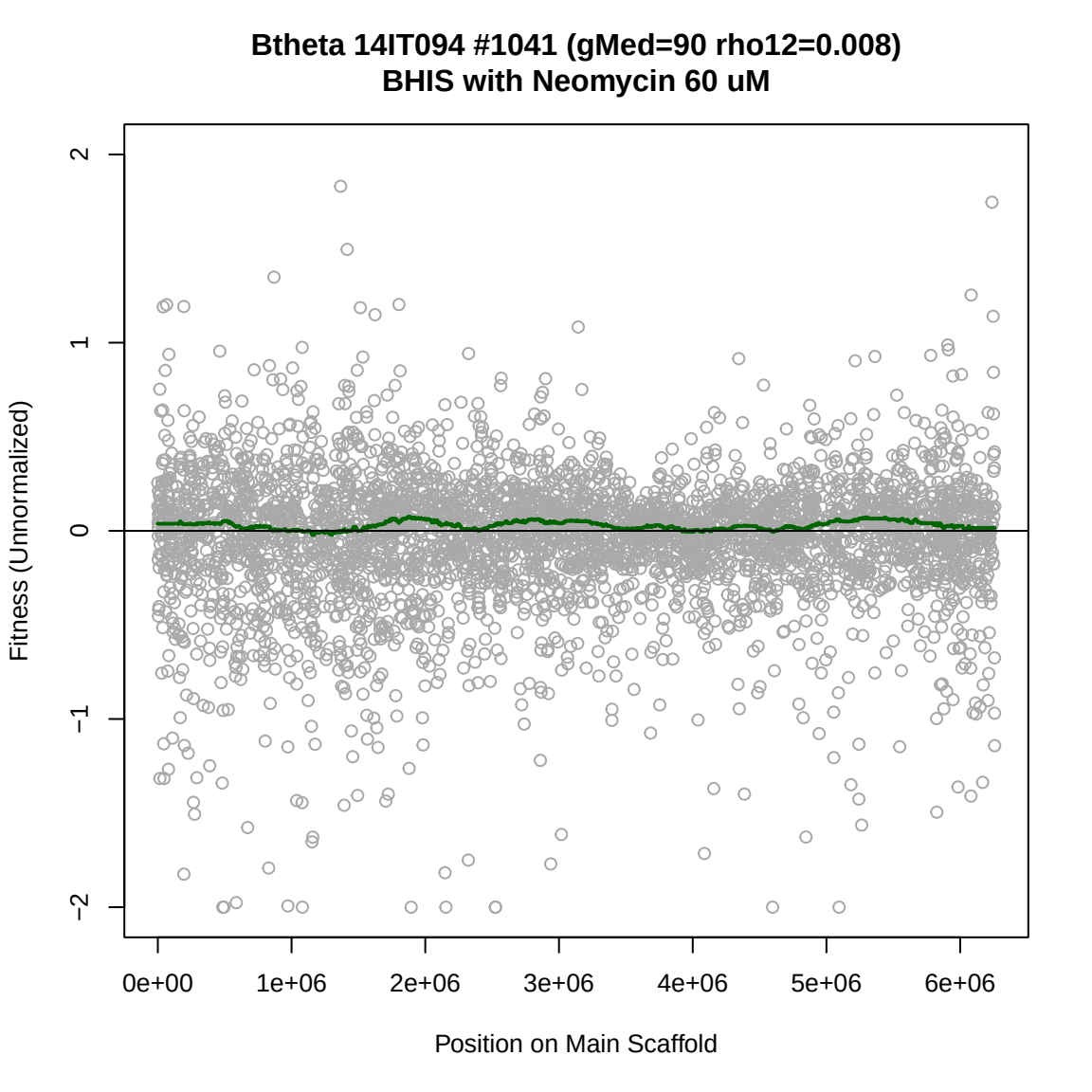

Btheta 14IT089 #1036 (gMed=98 rho12=0.052)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

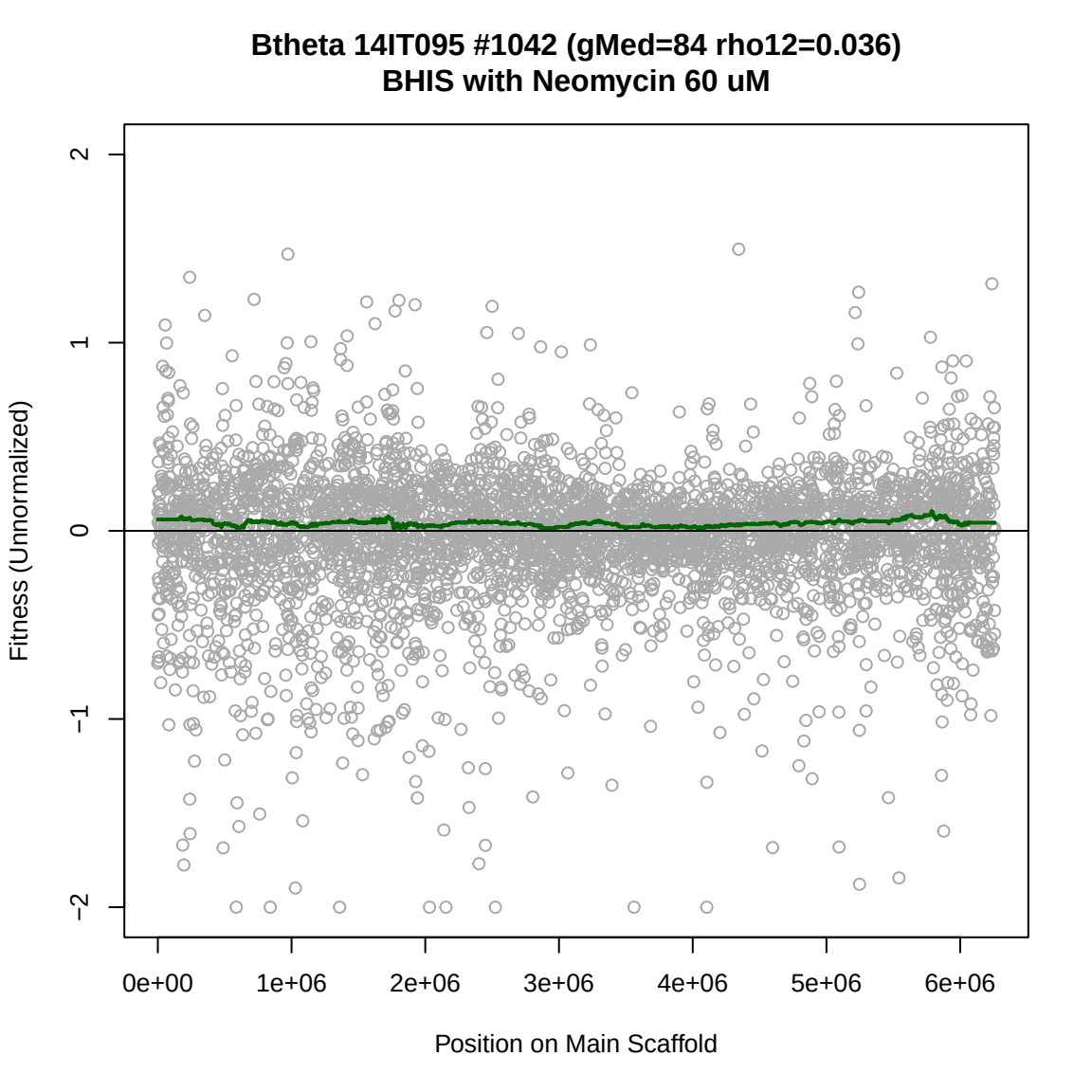

Btheta 14IT090 #1037 (gMed=101 rho12=0.036)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

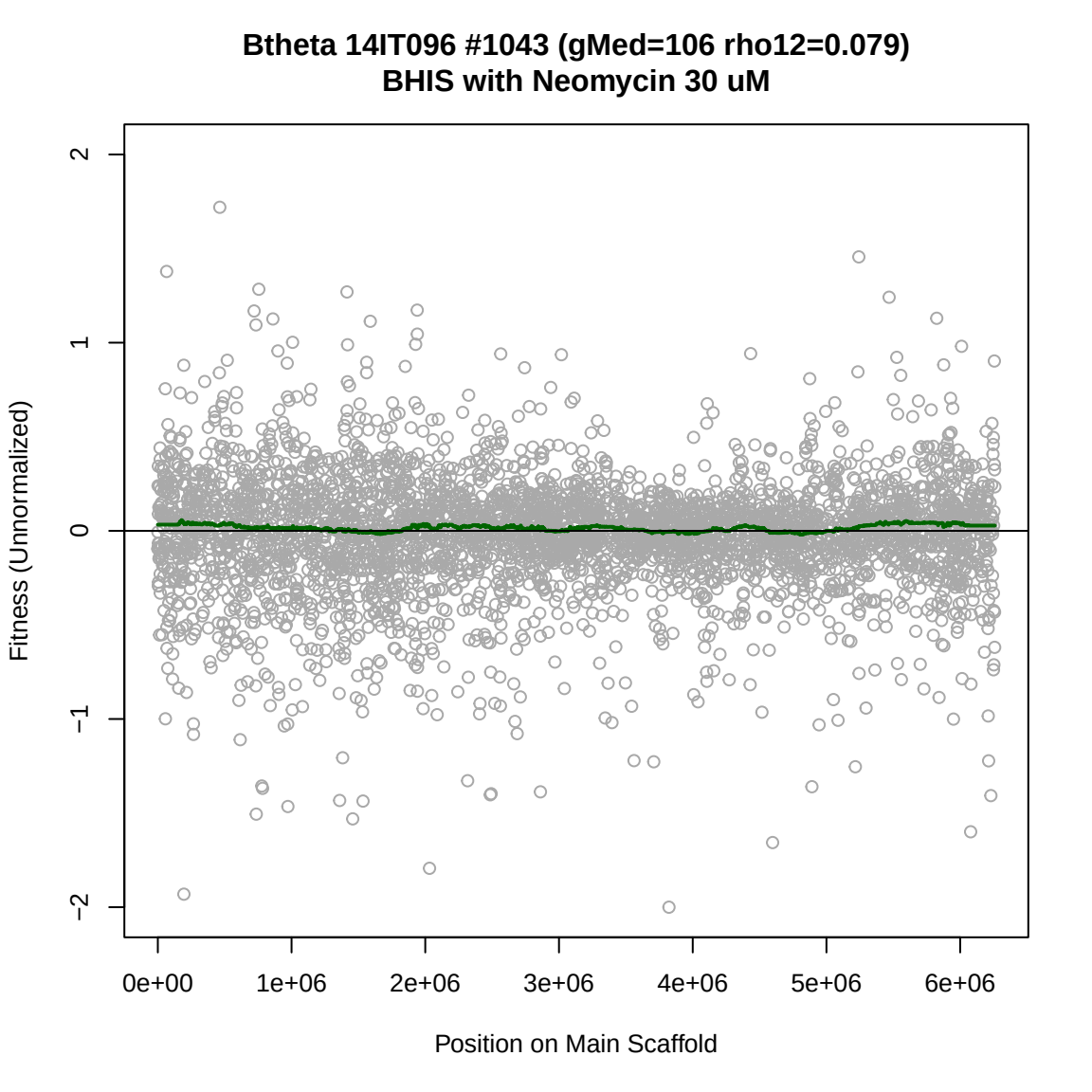

Btheta 14IT091 #1038 (gMed=111 rho12=0.044)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

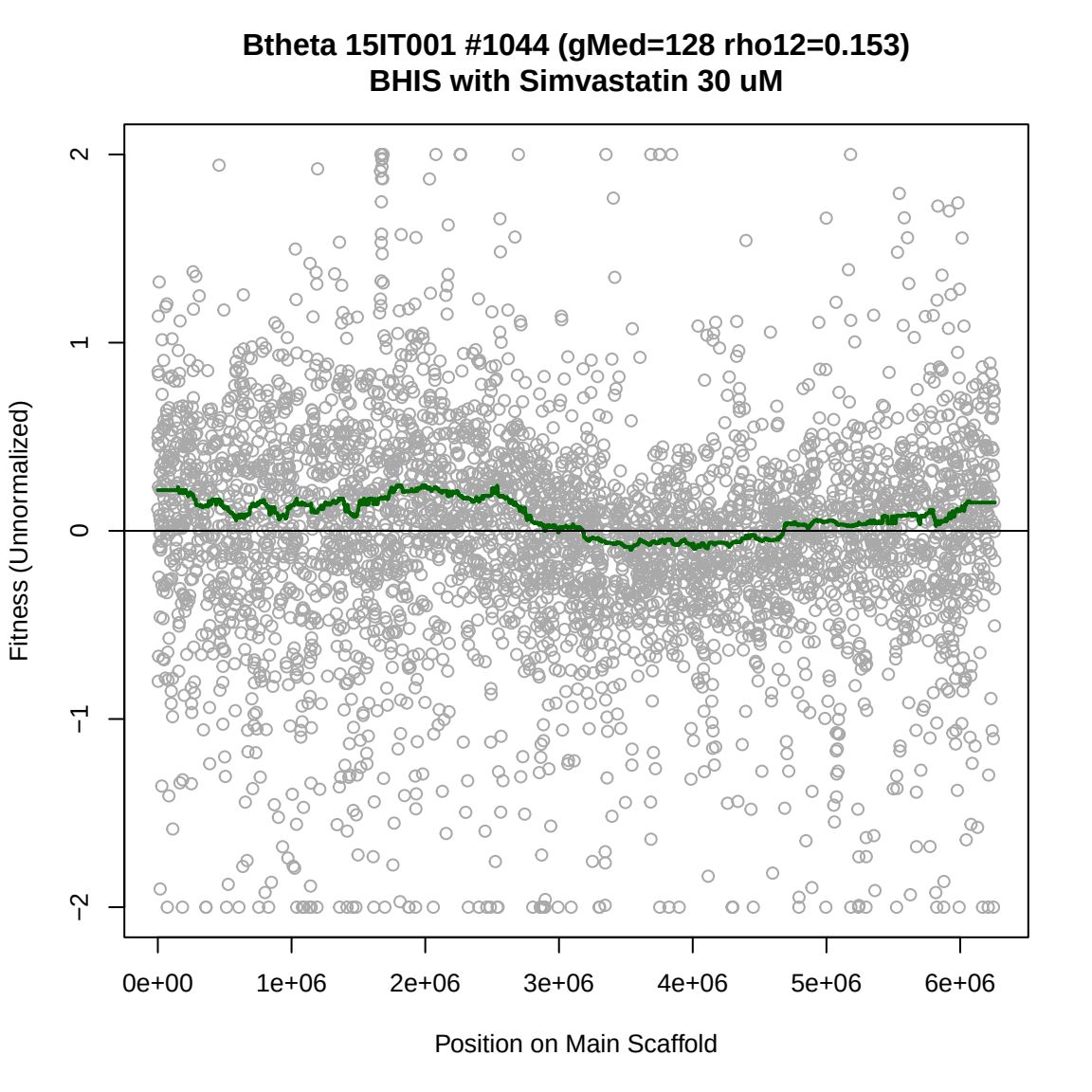

Btheta 14IT092 #1039 (gMed=92 rho12=0.042)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

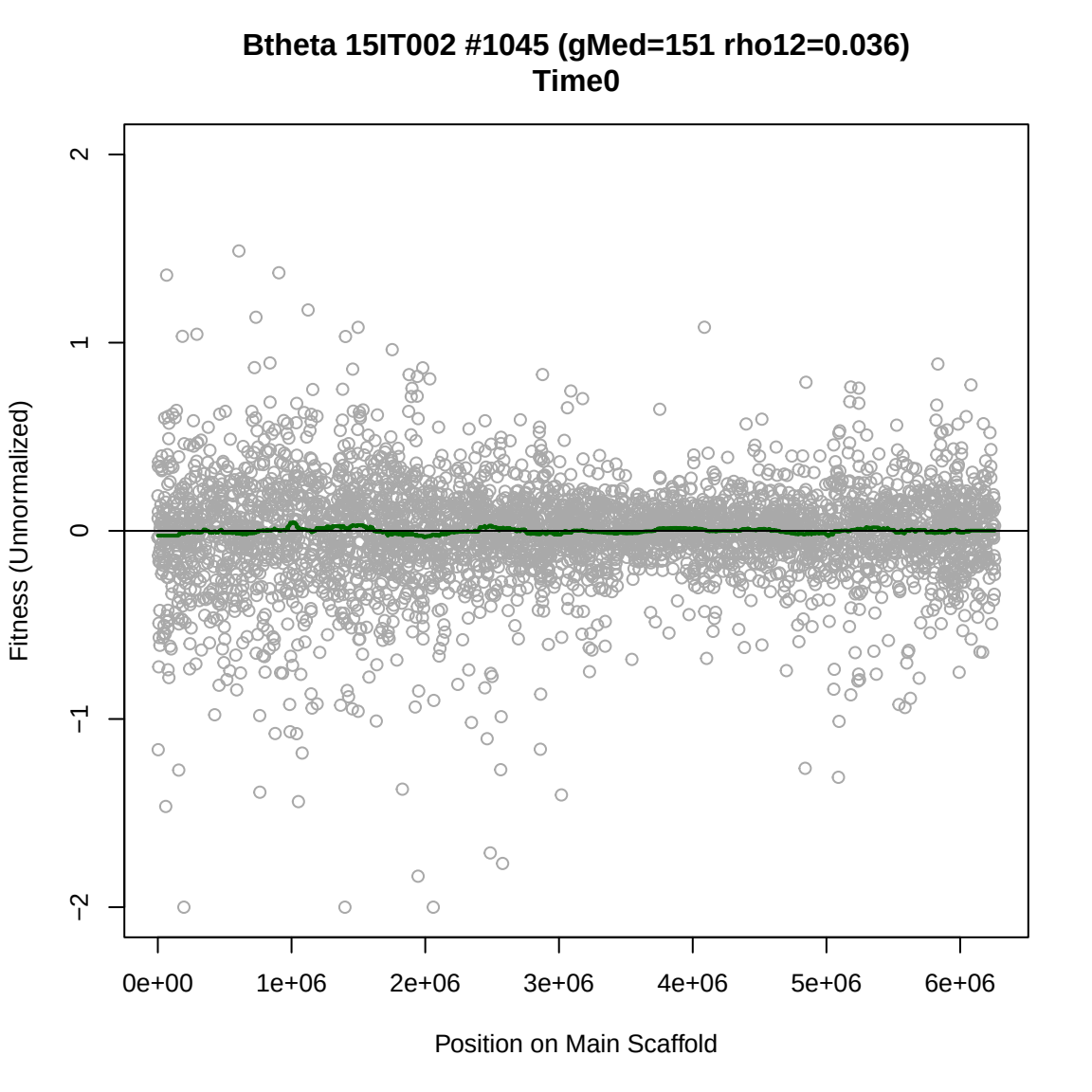

Btheta 14IT093 #1040 (gMed=98 rho12=0.039)
BHIS with Neomycin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

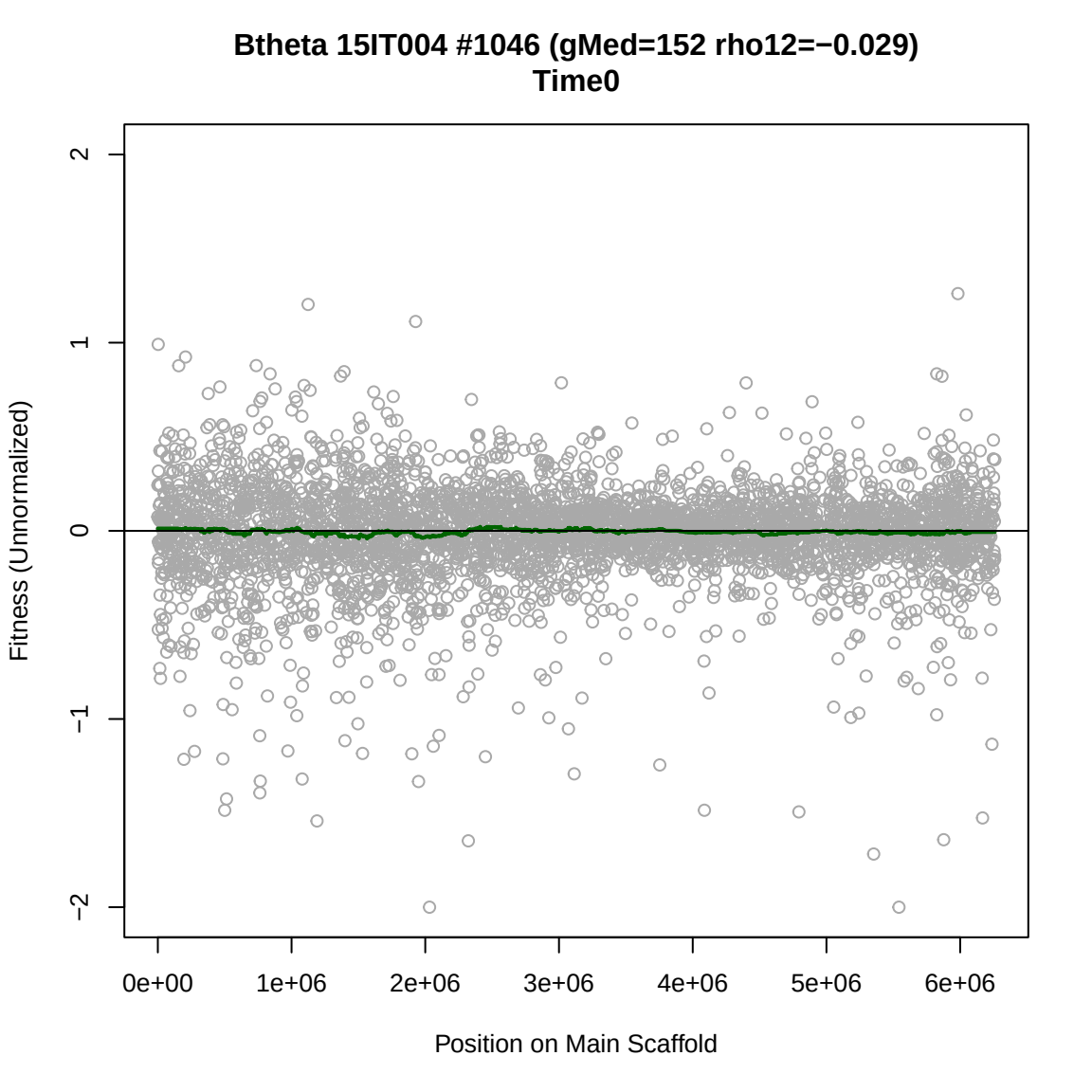

Btheta 14IT094 #1041 (gMed=90 rho12=0.008)
BHIS with Neomycin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

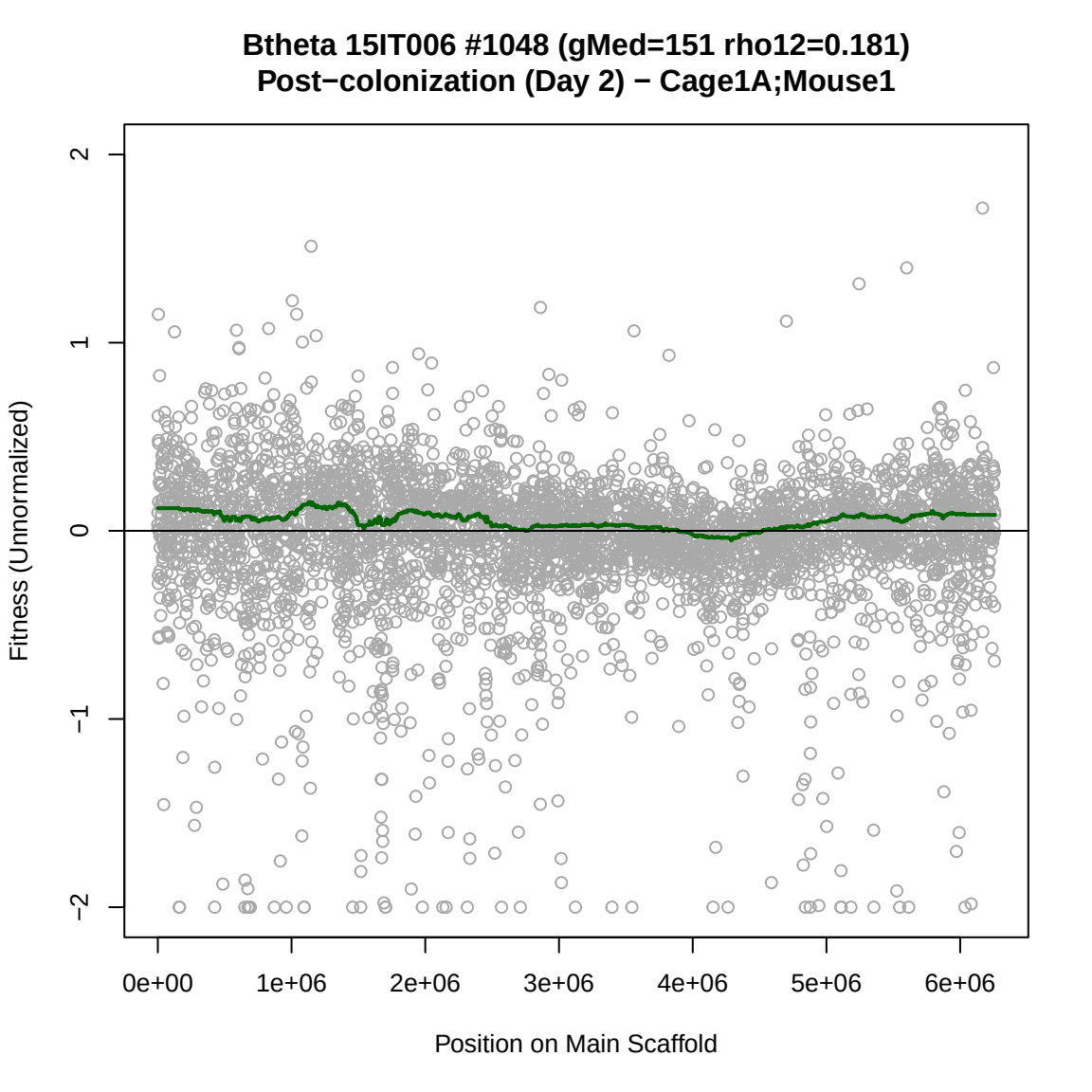

Btheta 14IT095 #1042 (gMed=84 rho12=0.036)
BHIS with Neomycin 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

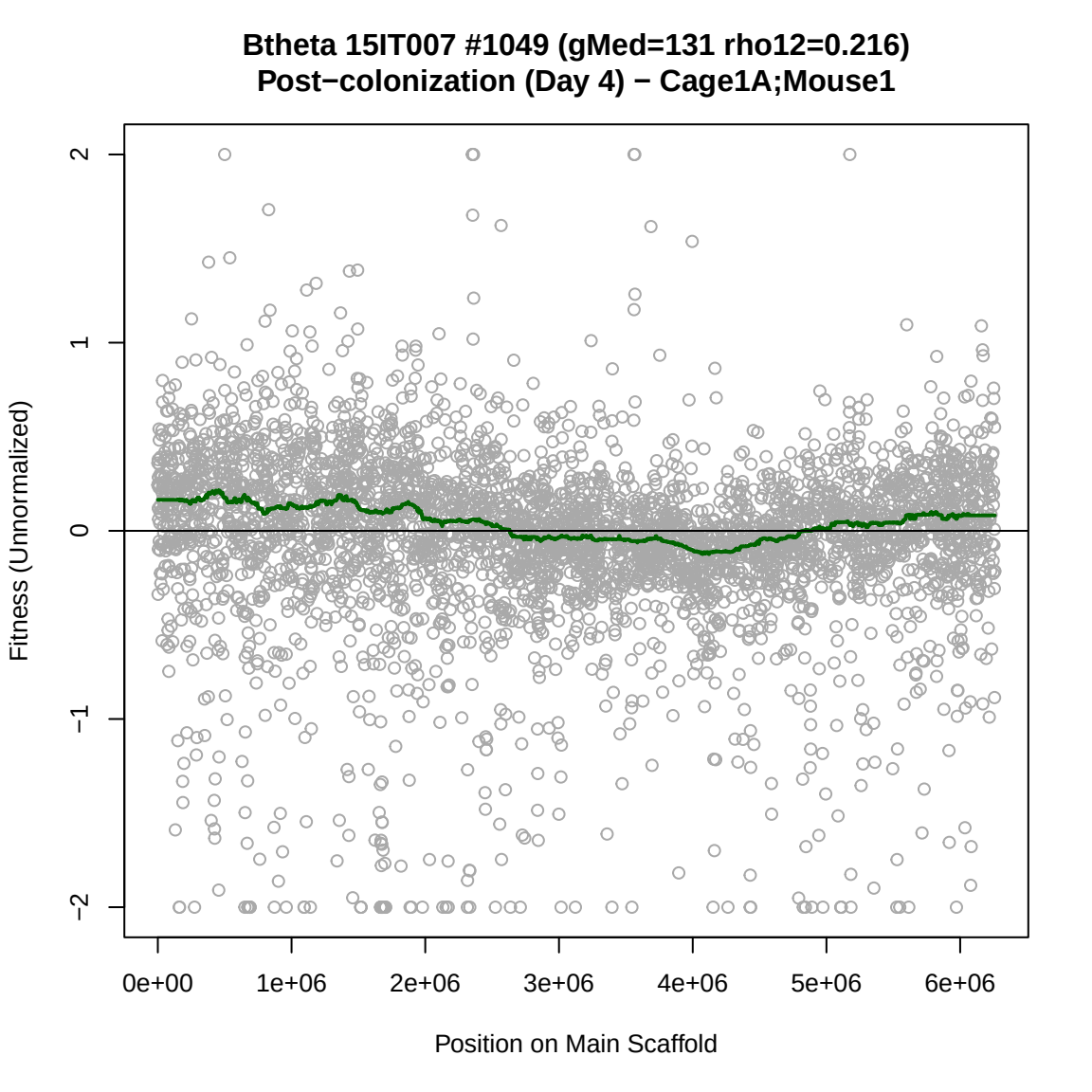

Btheta 14IT096 #1043 (gMed=106 rho12=0.079)
BHIS with Neomycin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

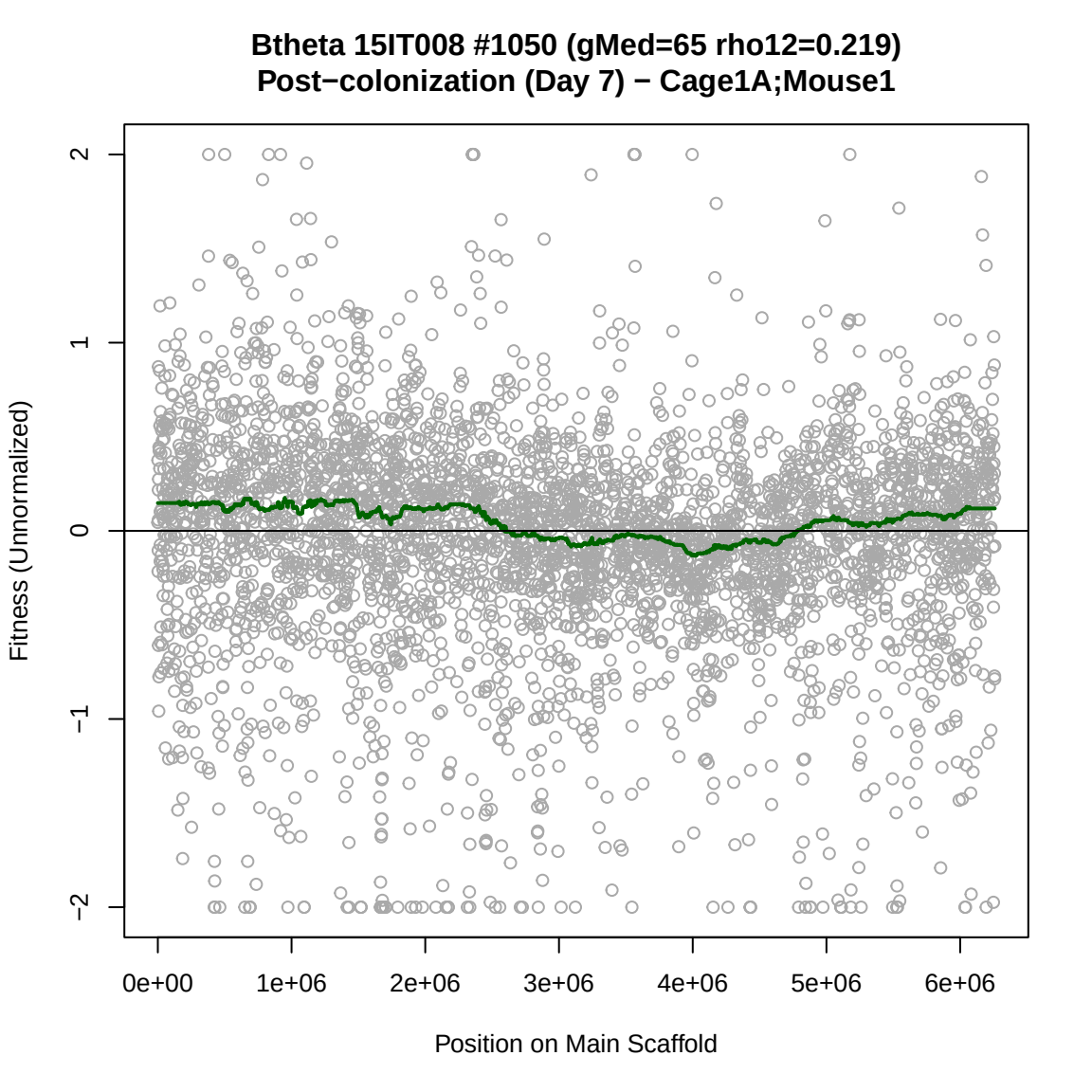

Btheta 15IT001 #1044 (gMed=128 rho12=0.153)
BHIS with Simvastatin 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

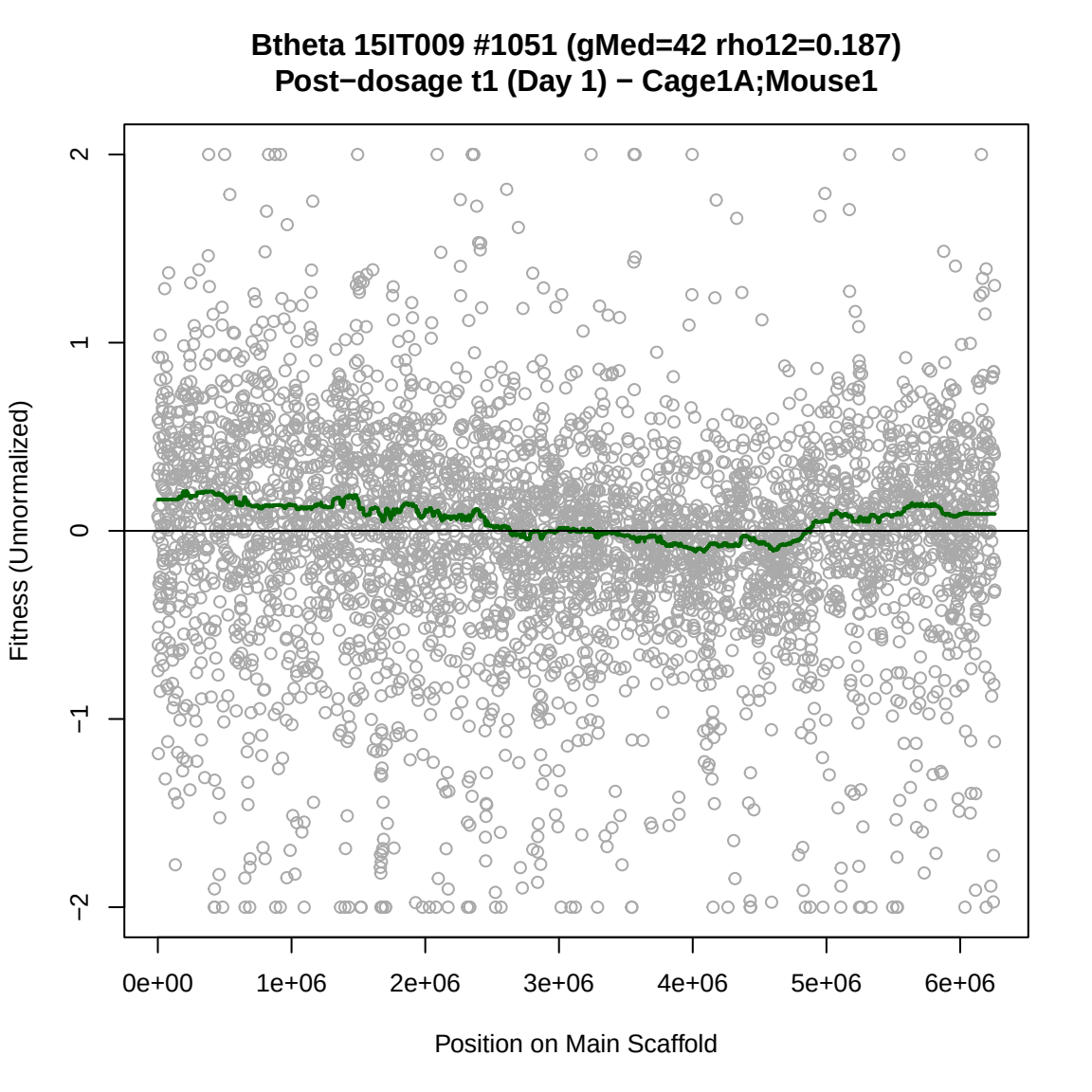

Btheta 15IT002 #1045 (gMed=151 rho12=0.036)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

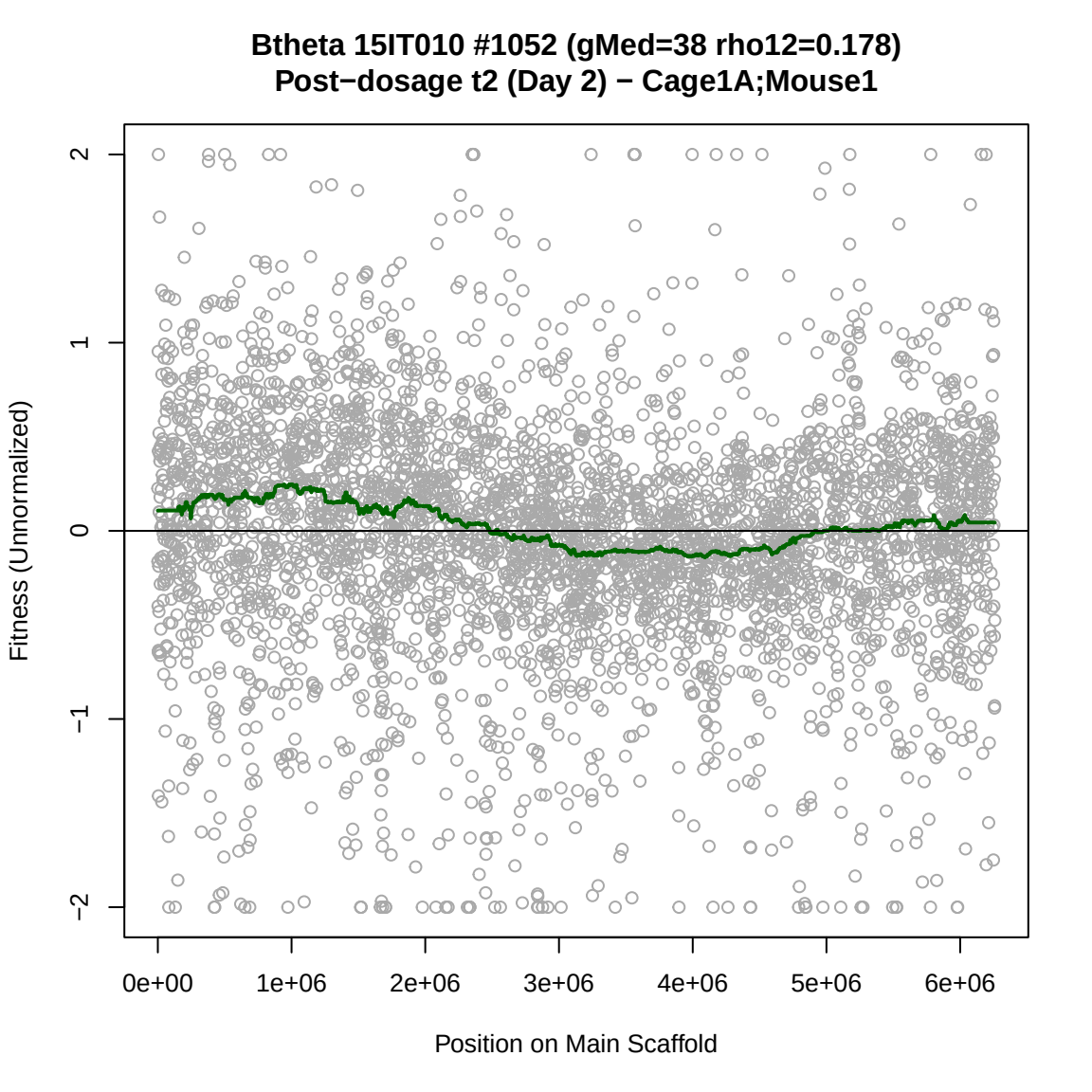

Btheta 15IT004 #1046 (gMed=152 rho12=−0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

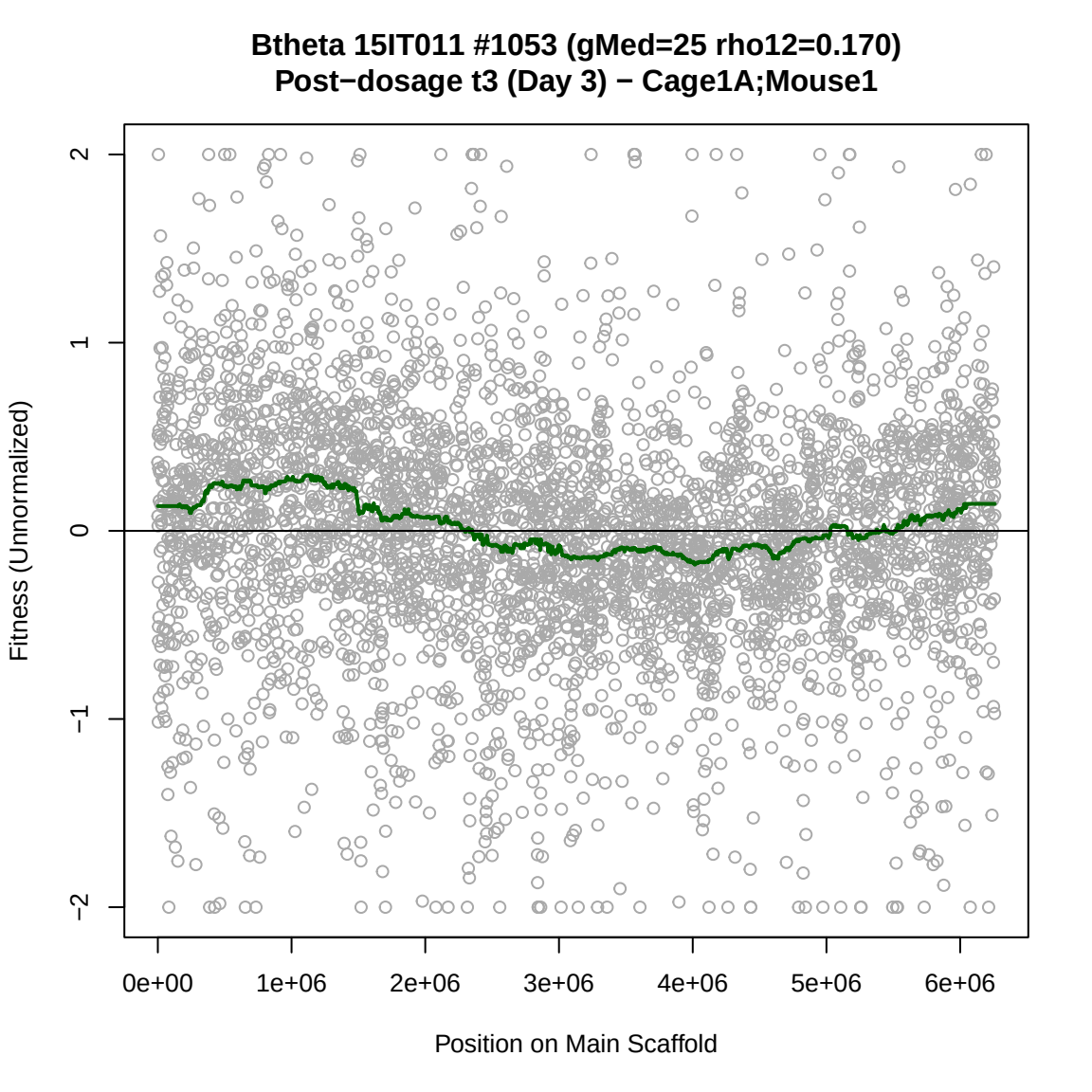

Btheta 15IT006 #1048 (gMed=151 rho12=0.181)
Post−colonization (Day 2) − Cage1A;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

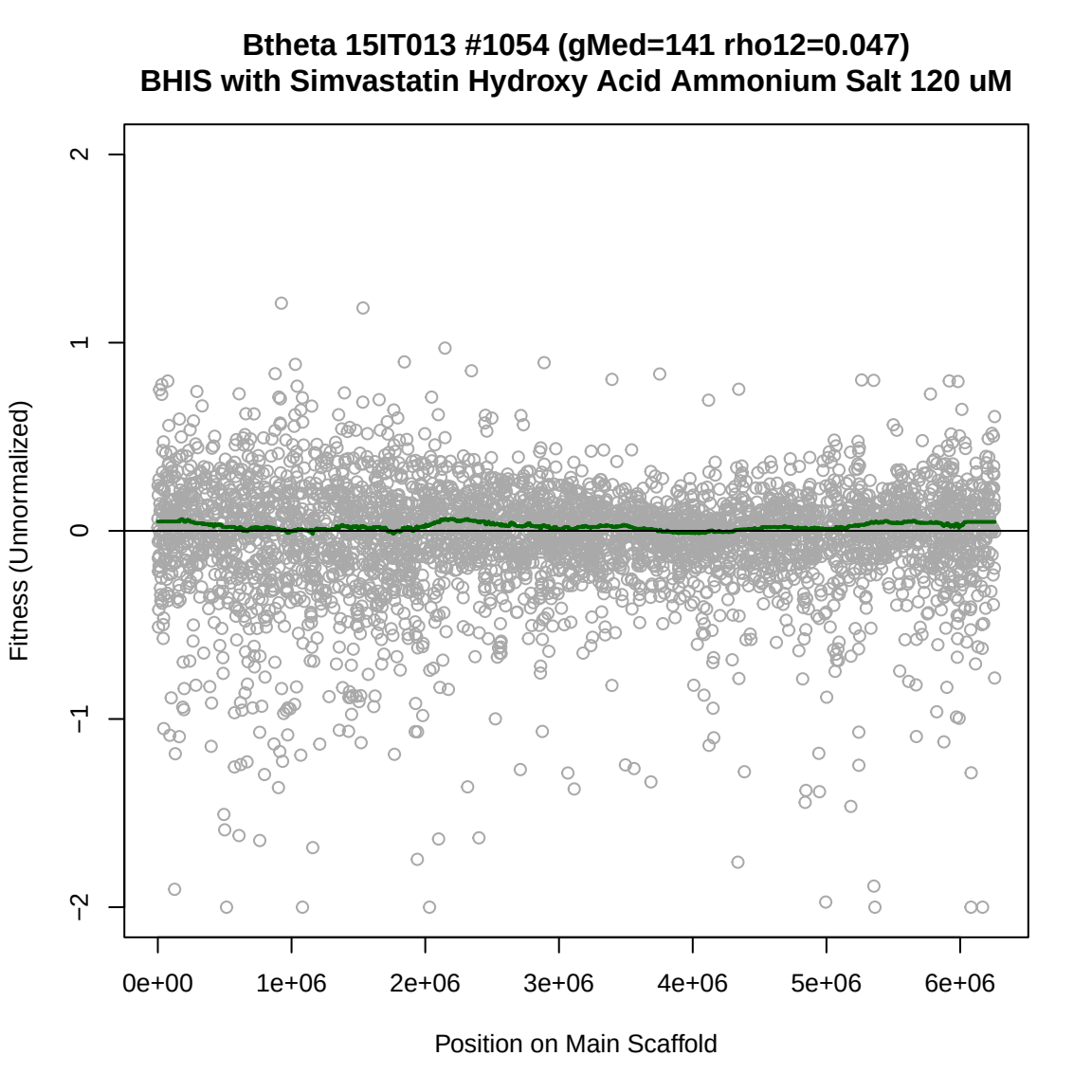

Btheta 15IT007 #1049 (gMed=131 rho12=0.216)
Post−colonization (Day 4) − Cage1A;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

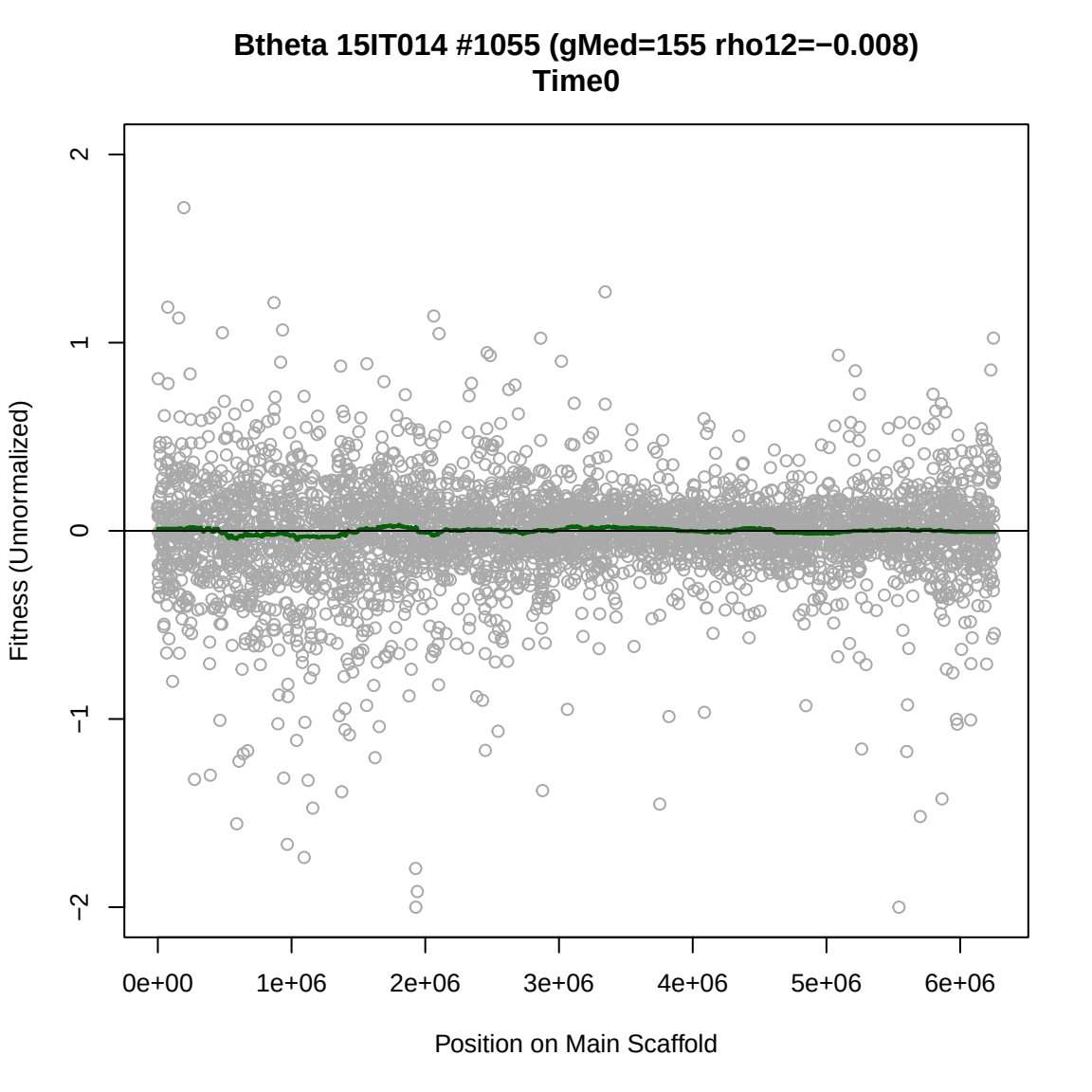

Btheta 15IT008 #1050 (gMed=65 rho12=0.219)
Post−colonization (Day 7) − Cage1A;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

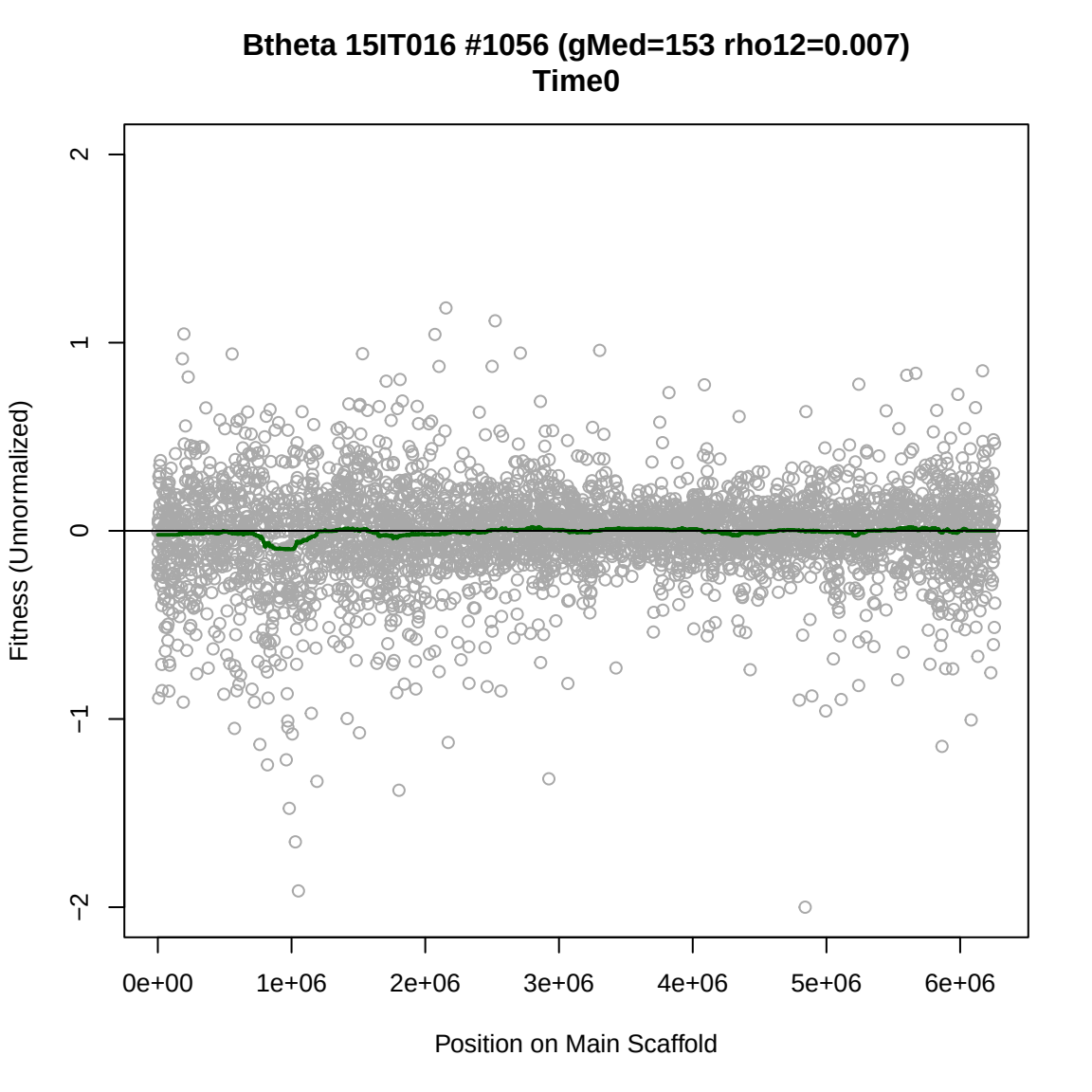

Btheta 15IT009 #1051 (gMed=42 rho12=0.187)
Post−dosage t1 (Day 1) − Cage1A;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

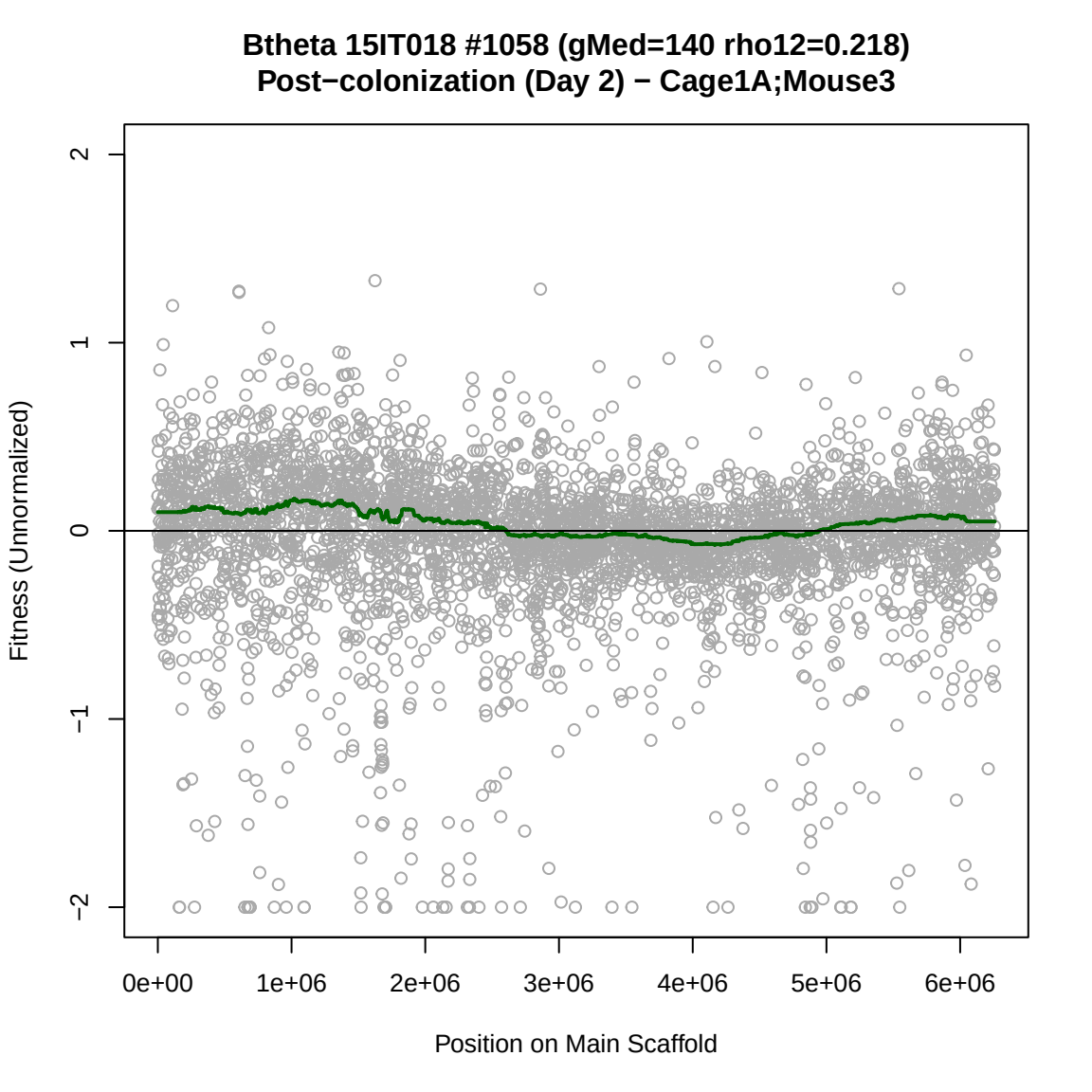

Btheta 15IT010 #1052 (gMed=38 rho12=0.178)
Post−dosage t2 (Day 2) − Cage1A;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

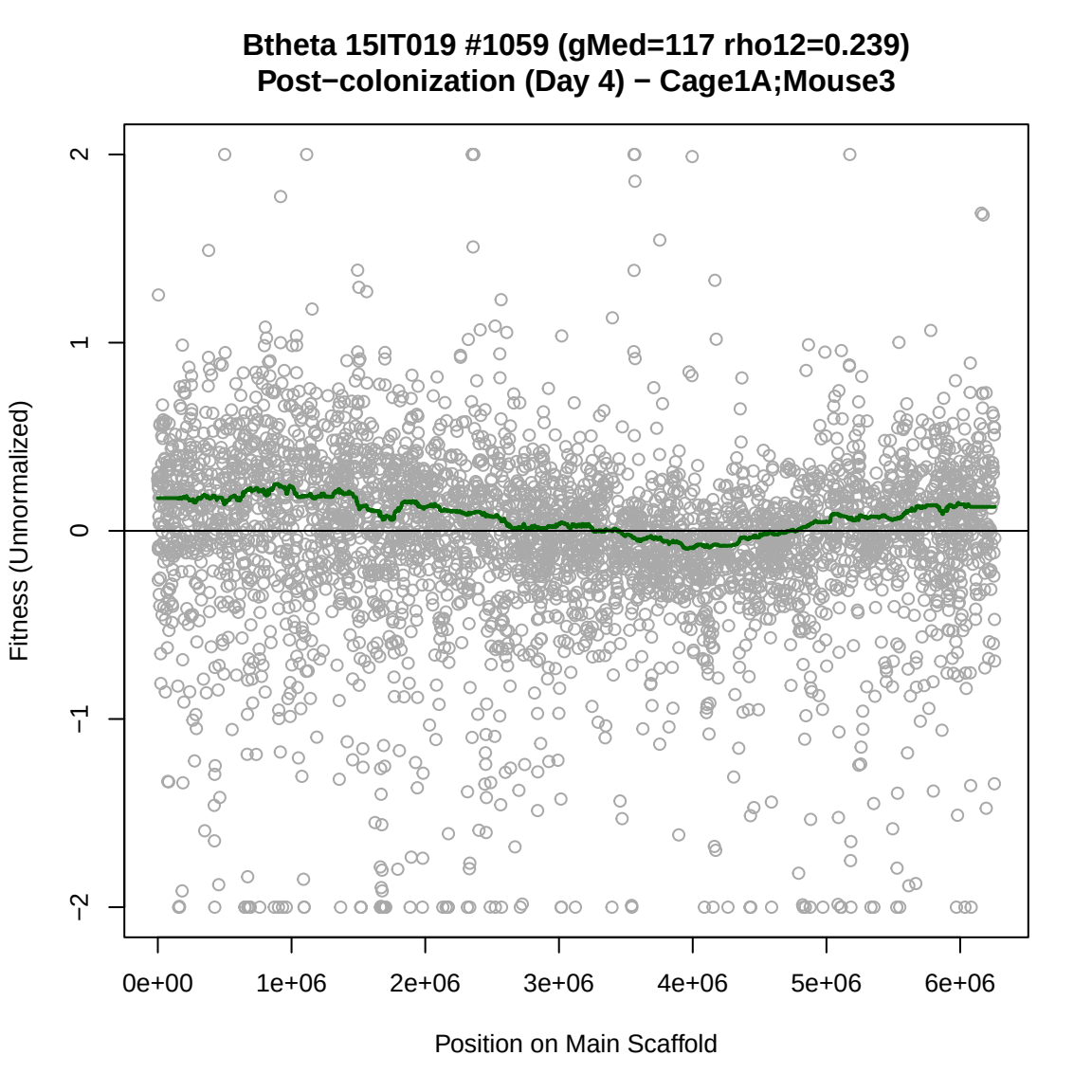

Btheta 15IT011 #1053 (gMed=25 rho12=0.170)
Post−dosage t3 (Day 3) − Cage1A;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

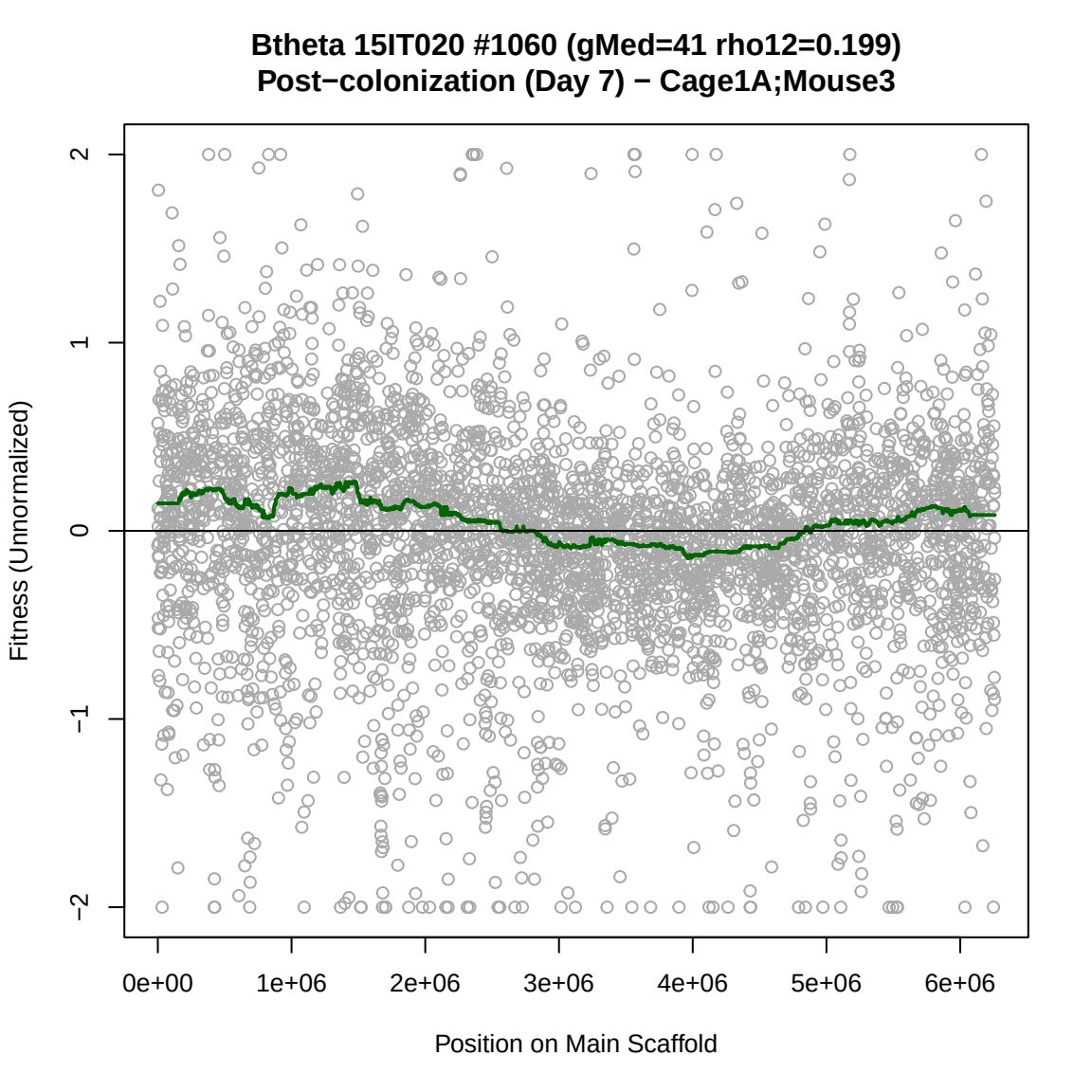

Btheta 15IT013 #1054 (gMed=141 rho12=0.047)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 120 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

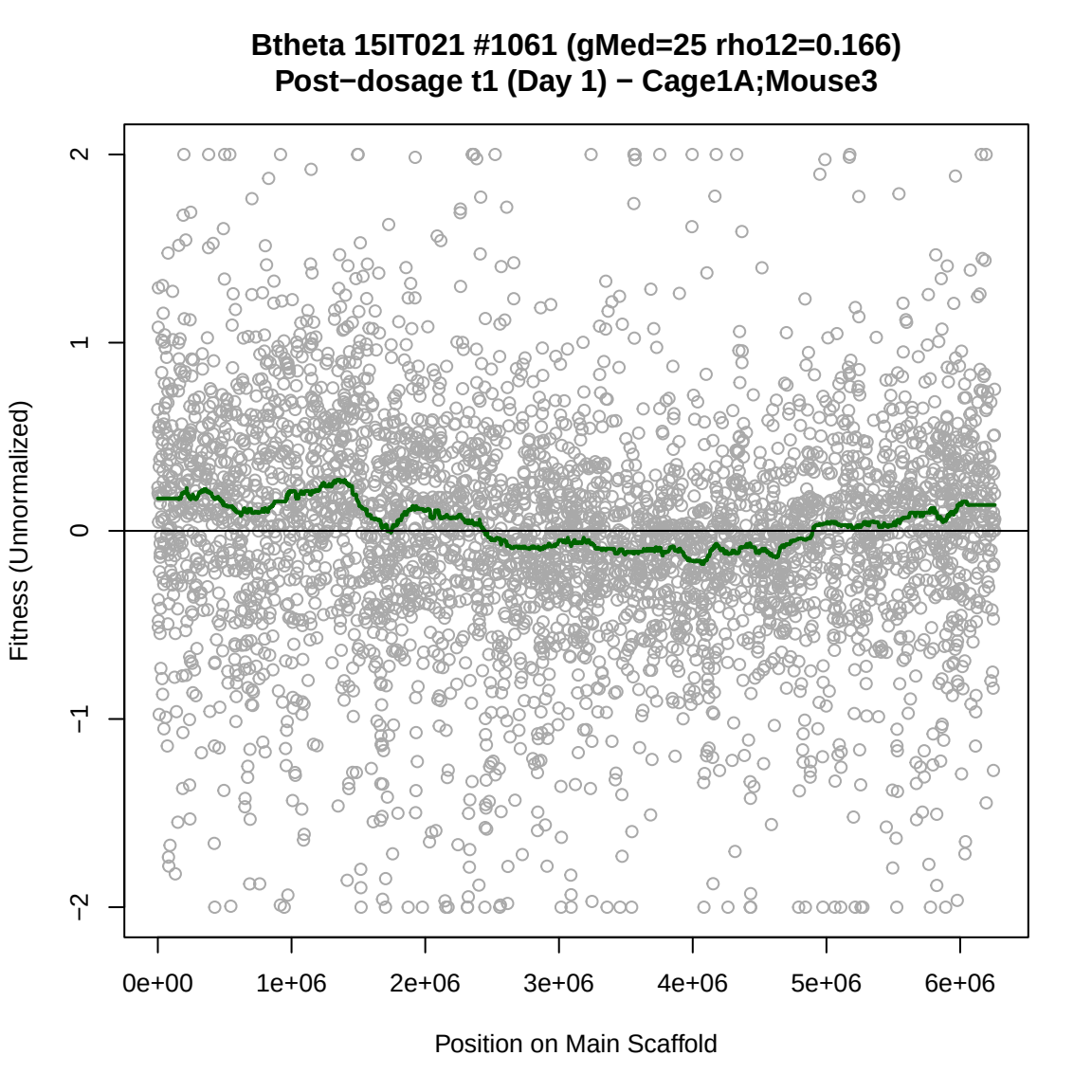

Btheta 15IT014 #1055 (gMed=155 rho12=−0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

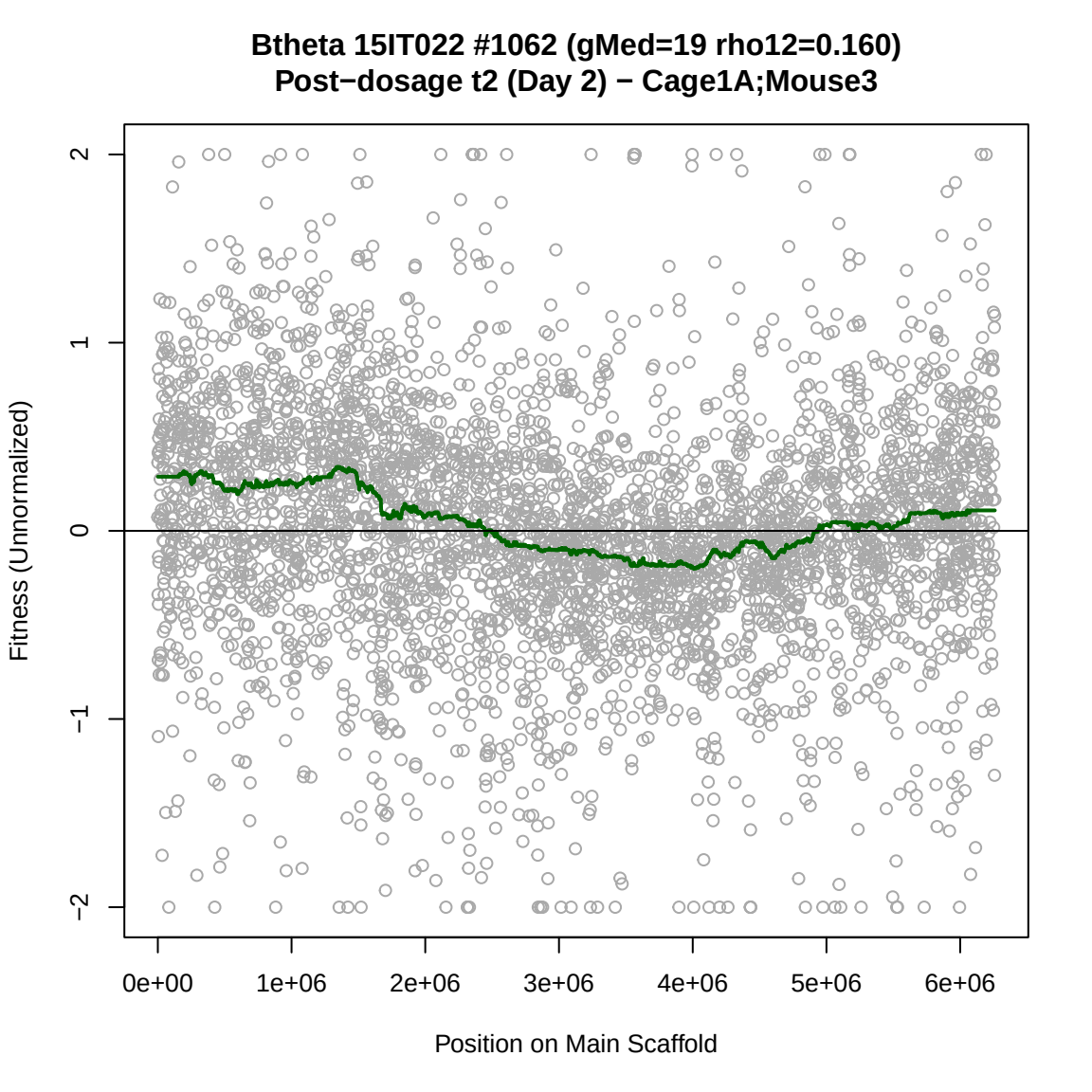

Btheta 15IT016 #1056 (gMed=153 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

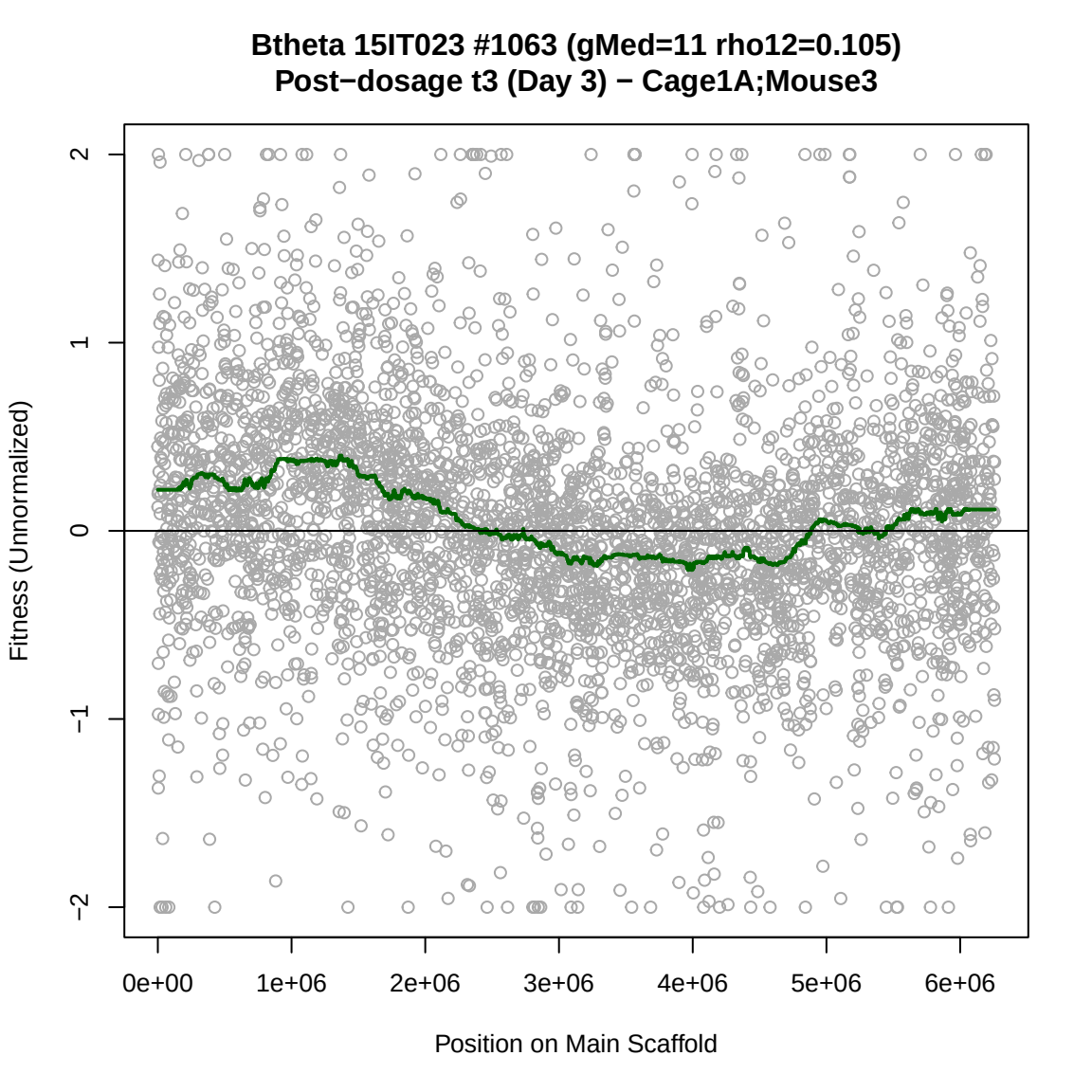

Btheta 15IT018 #1058 (gMed=140 rho12=0.218)
Post−colonization (Day 2) − Cage1A;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

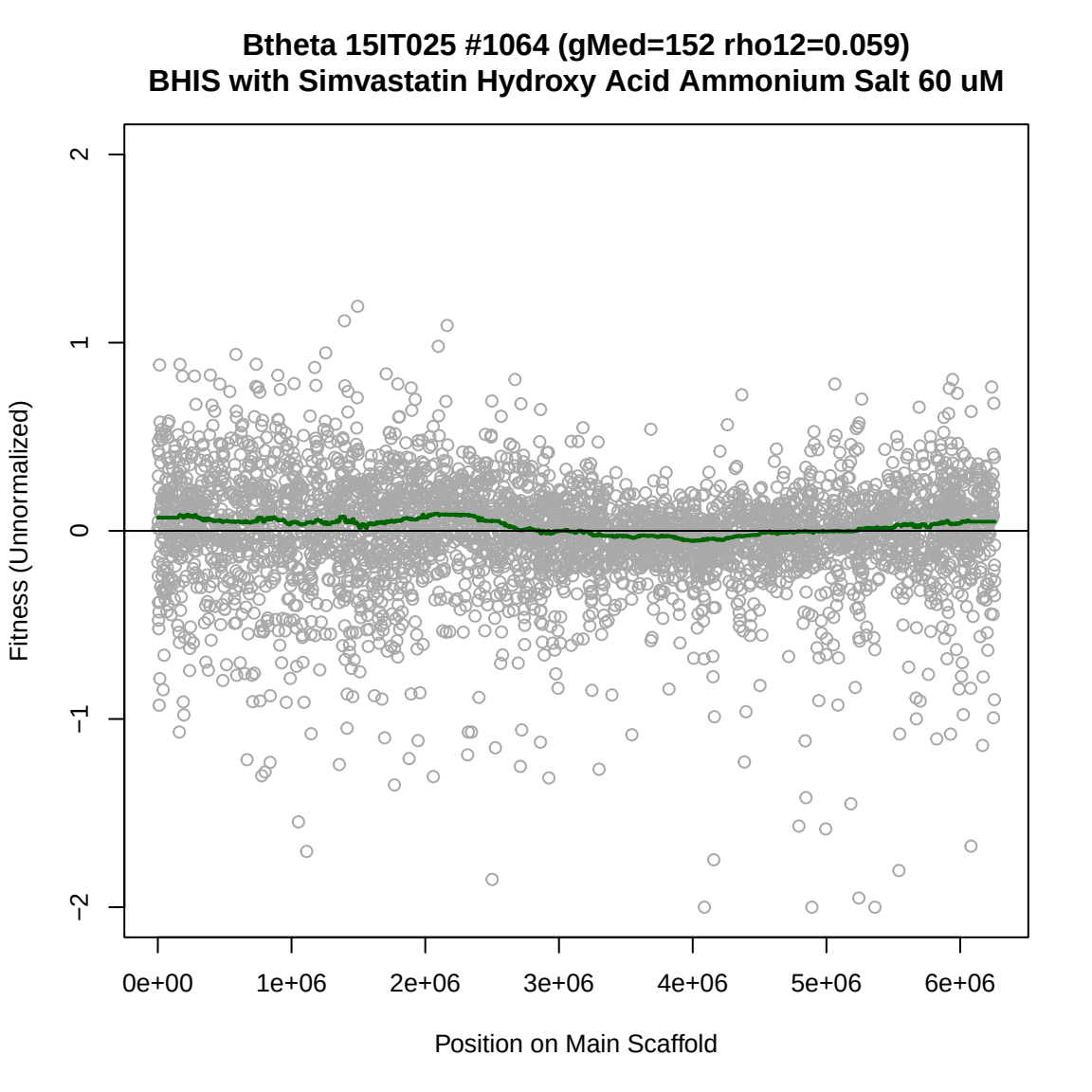

Btheta 15IT019 #1059 (gMed=117 rho12=0.239)
Post−colonization (Day 4) − Cage1A;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

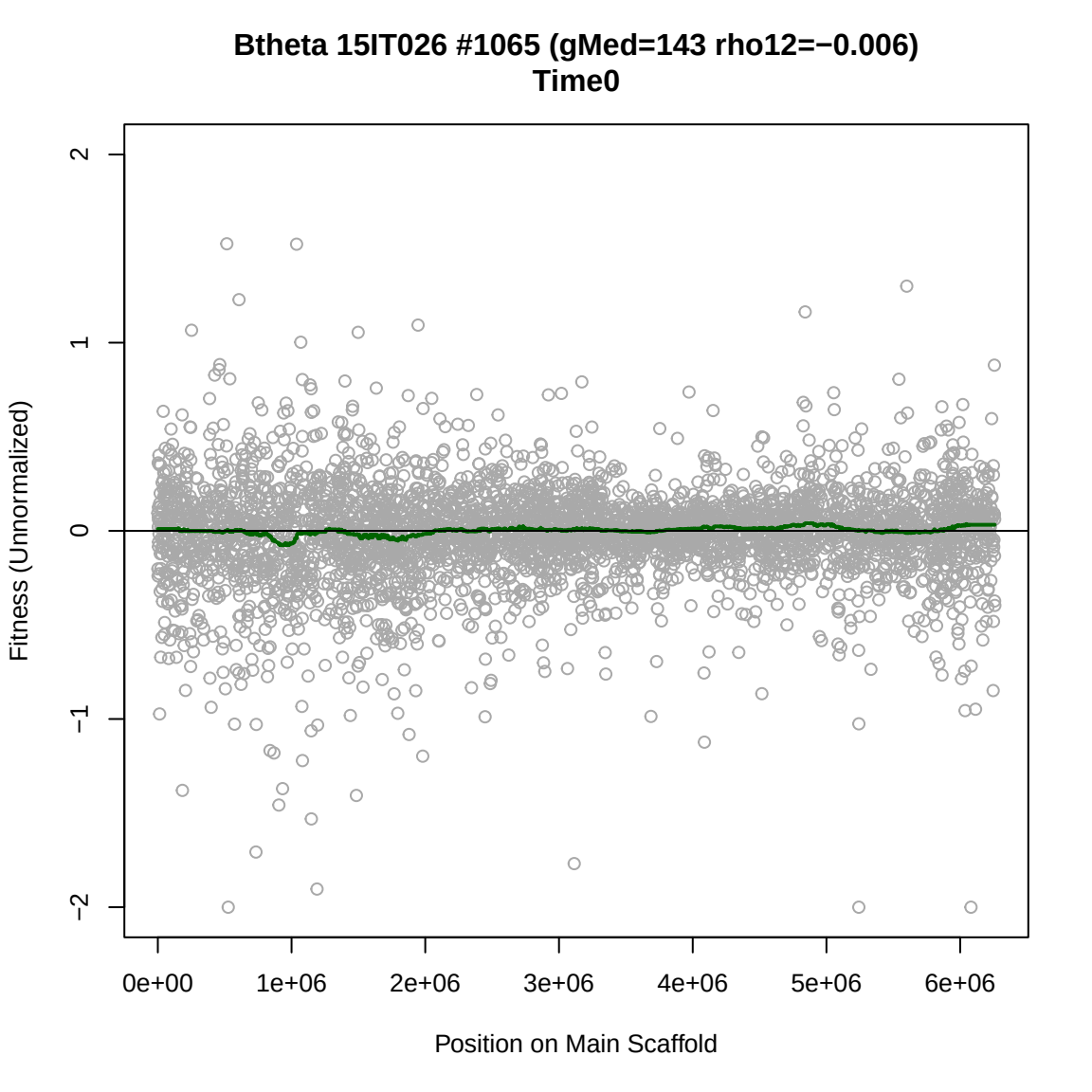

Btheta 15IT020 #1060 (gMed=41 rho12=0.199)
Post−colonization (Day 7) − Cage1A;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

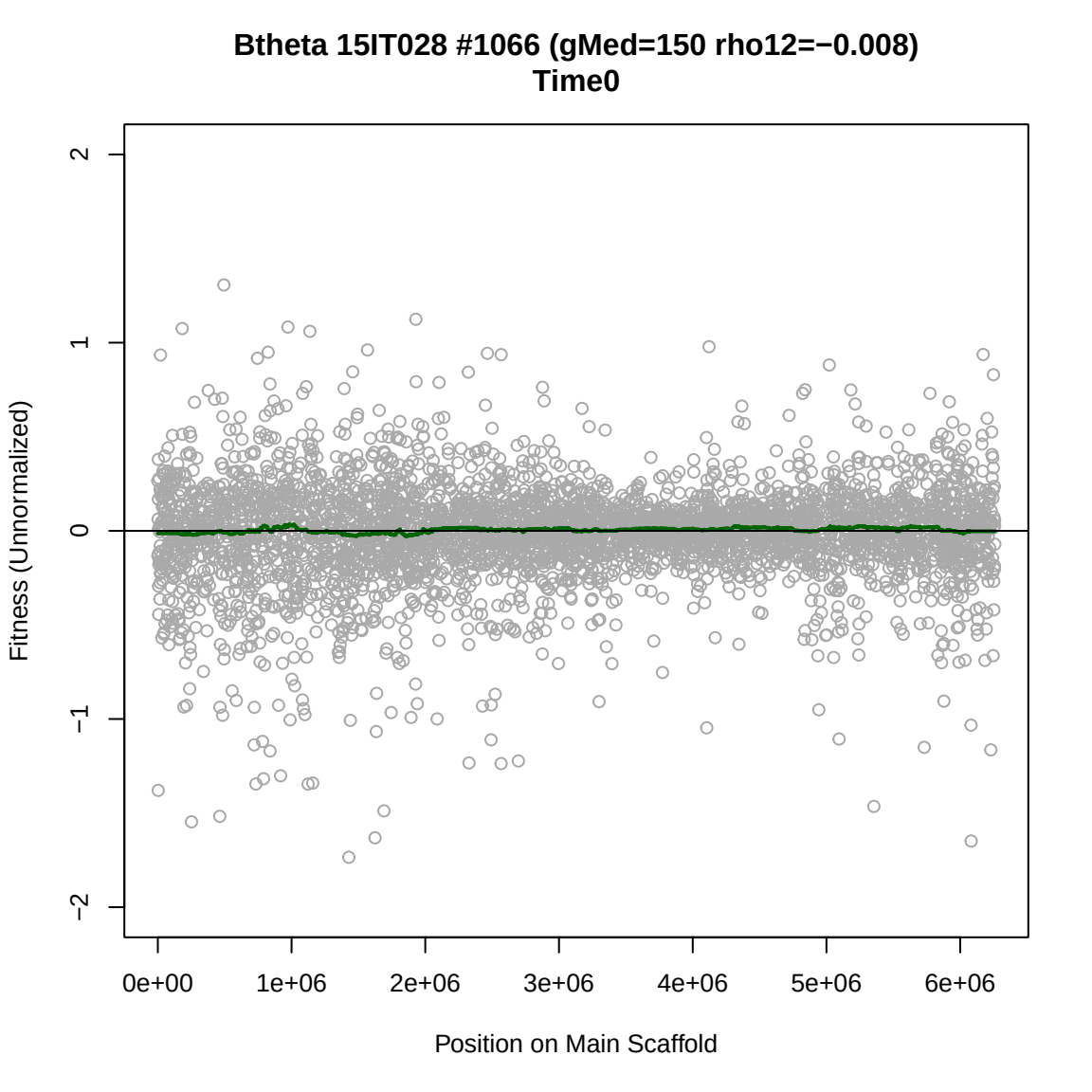

Btheta 15IT021 #1061 (gMed=25 rho12=0.166)
Post−dosage t1 (Day 1) − Cage1A;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

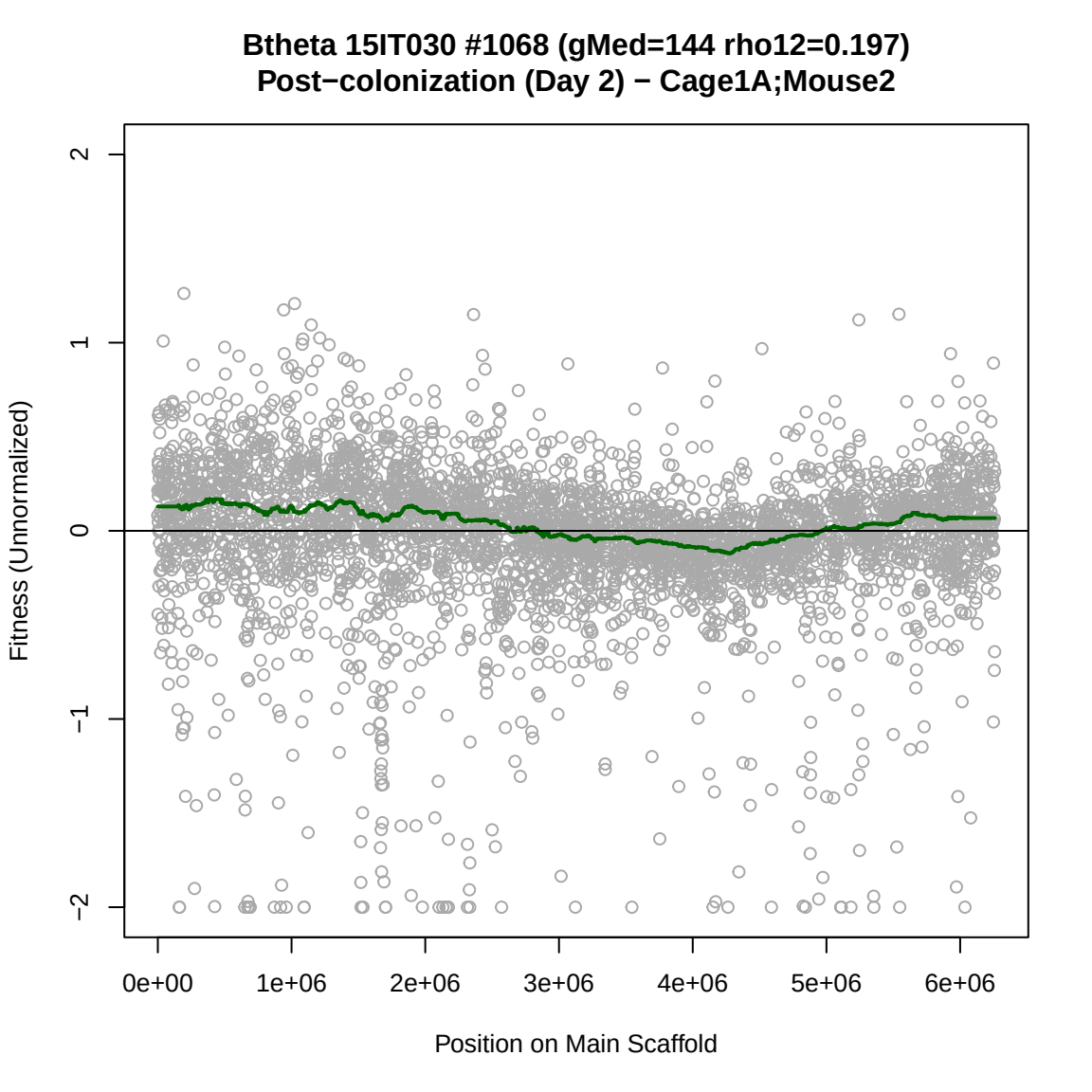

Btheta 15IT022 #1062 (gMed=19 rho12=0.160)
Post−dosage t2 (Day 2) − Cage1A;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

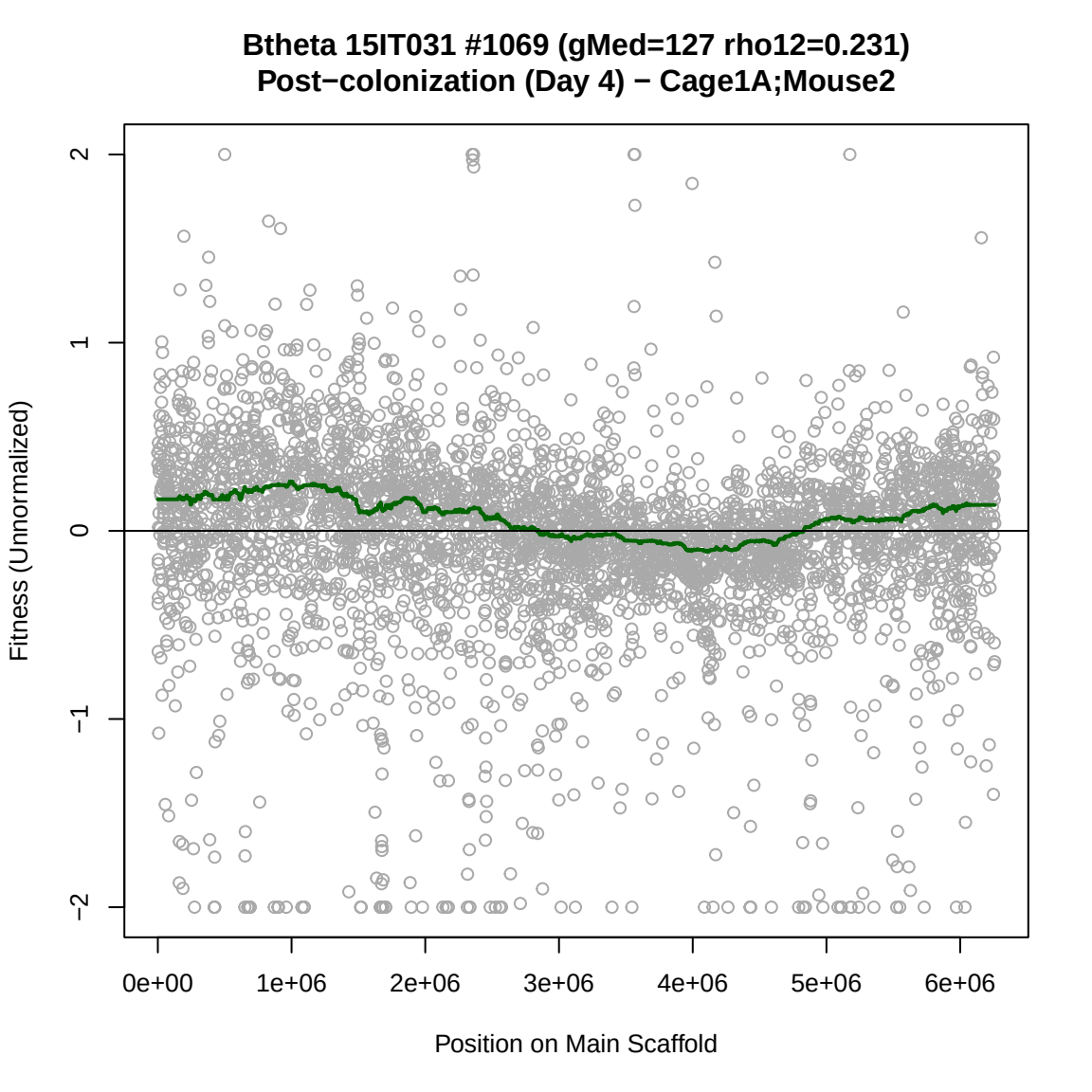

Btheta 15IT023 #1063 (gMed=11 rho12=0.105)
Post−dosage t3 (Day 3) − Cage1A;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

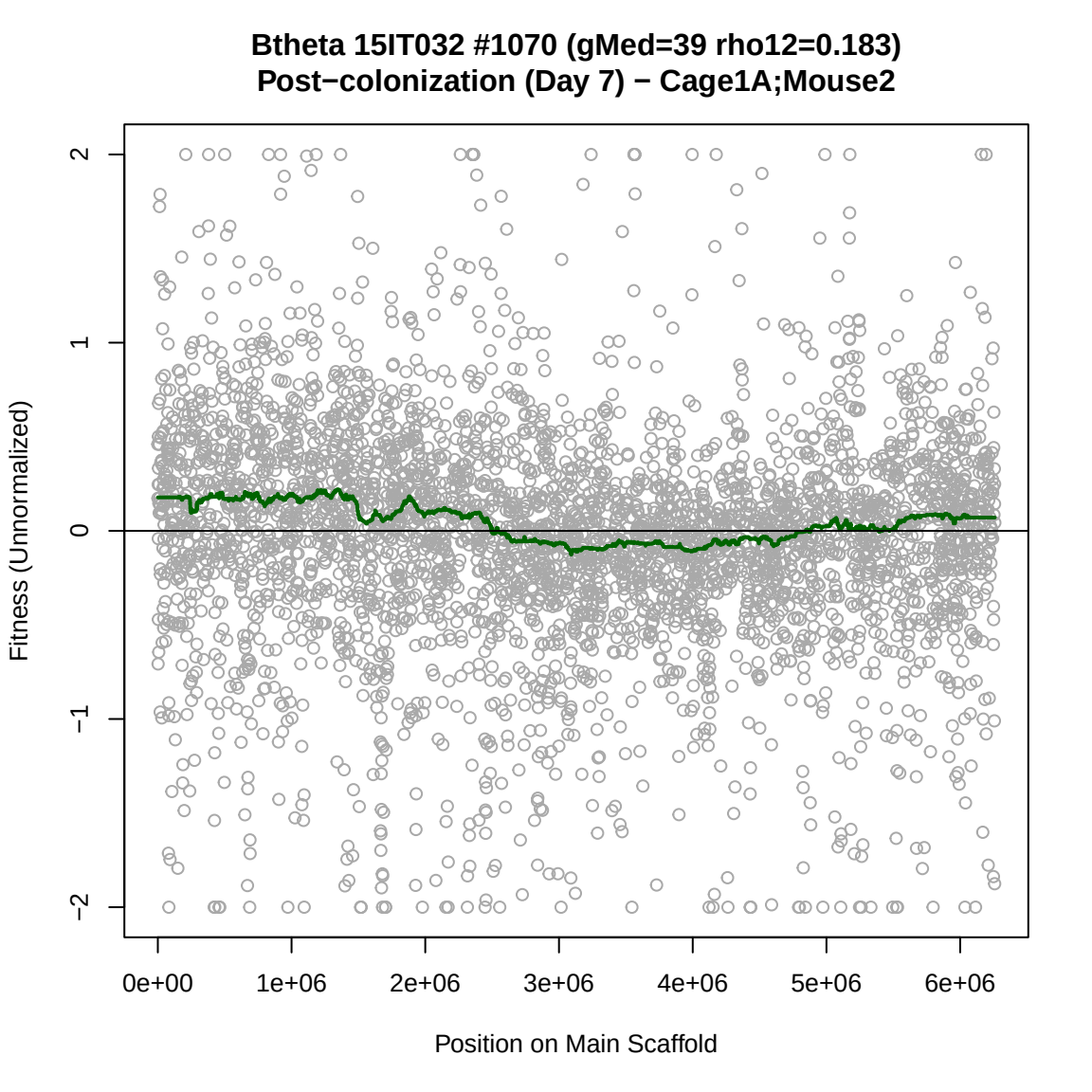

Btheta 15IT025 #1064 (gMed=152 rho12=0.059)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

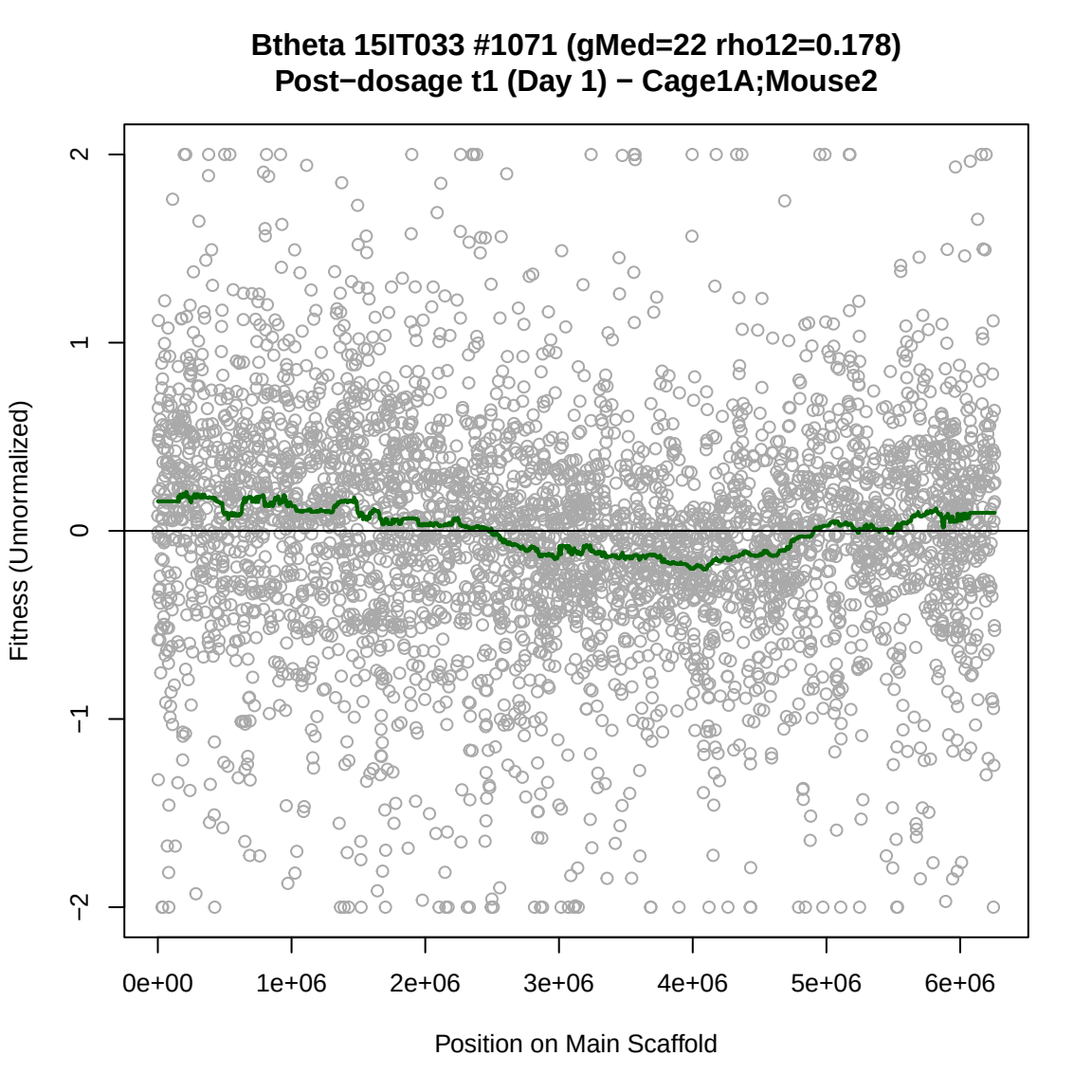

Btheta 15IT026 #1065 (gMed=143 rho12=−0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

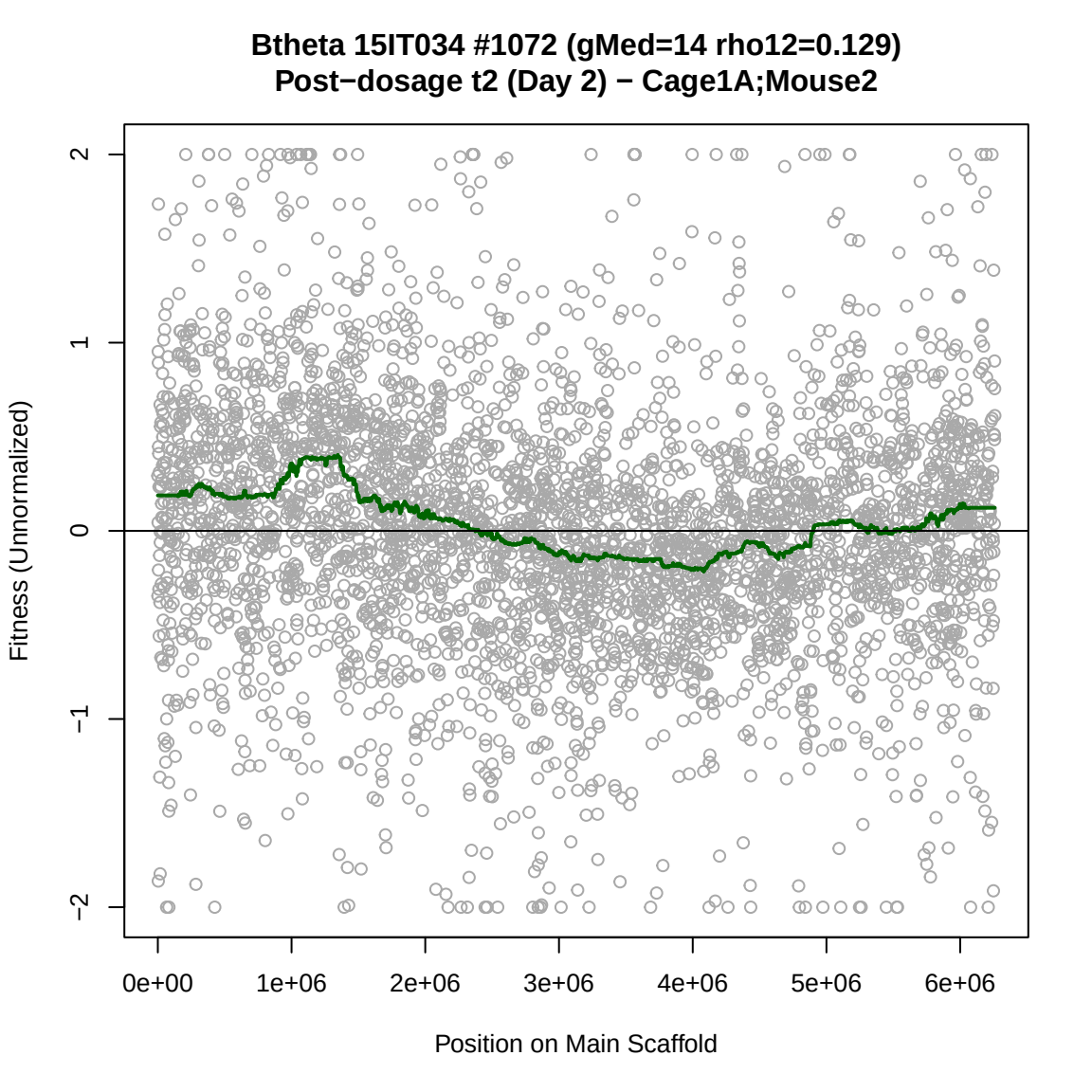

Btheta 15IT028 #1066 (gMed=150 rho12=−0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

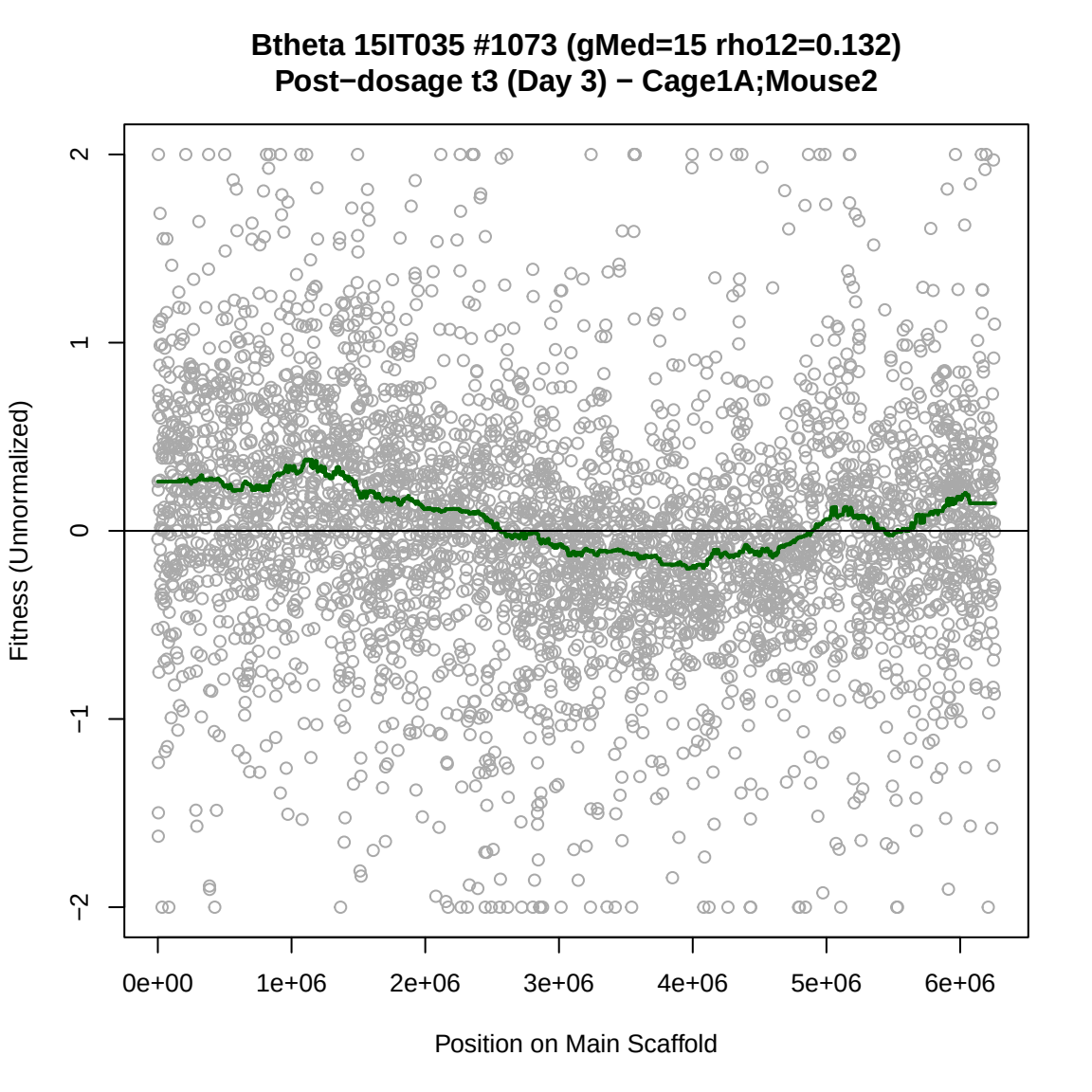

Btheta 15IT030 #1068 (gMed=144 rho12=0.197)
Post−colonization (Day 2) − Cage1A;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

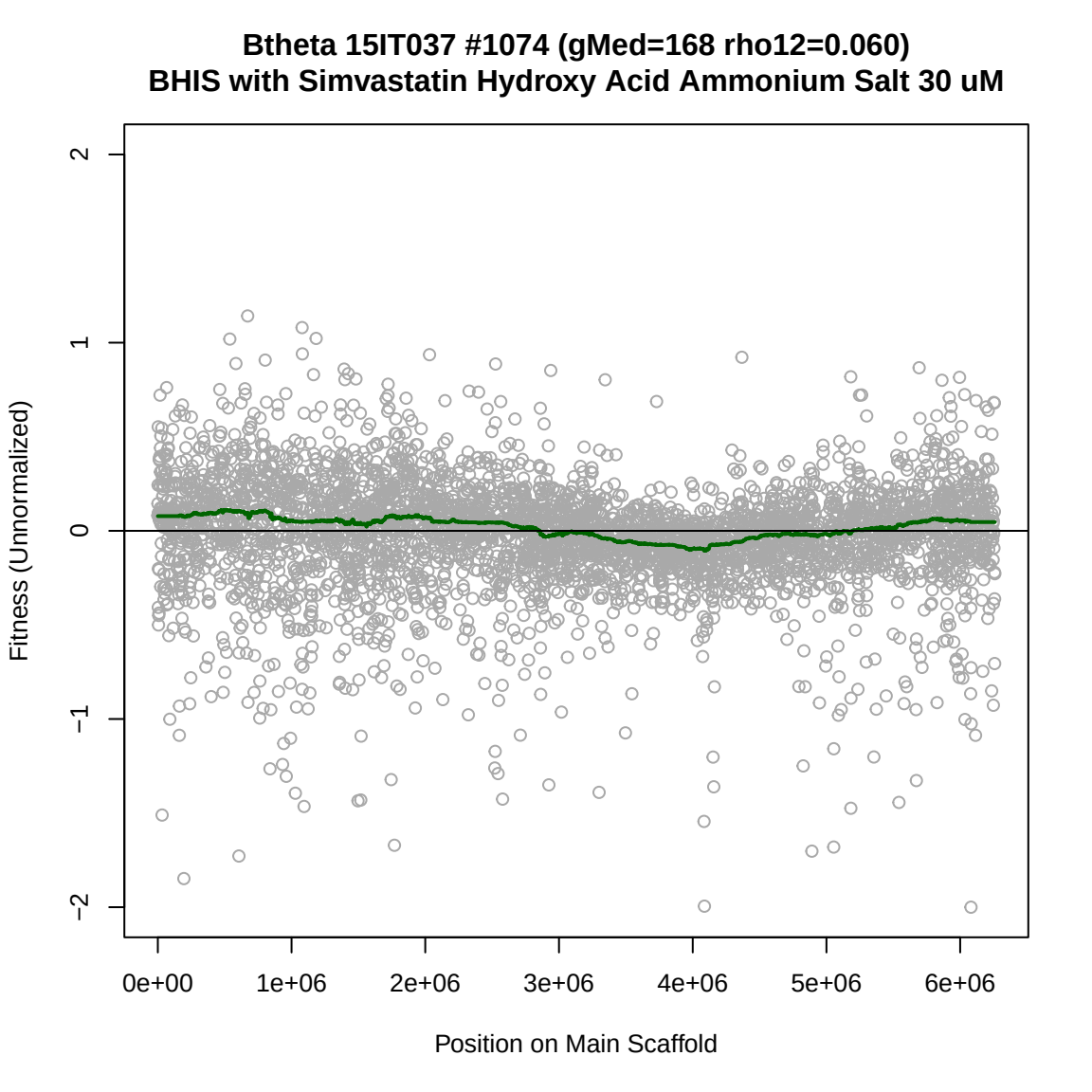

Btheta 15IT031 #1069 (gMed=127 rho12=0.231)
Post−colonization (Day 4) − Cage1A;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

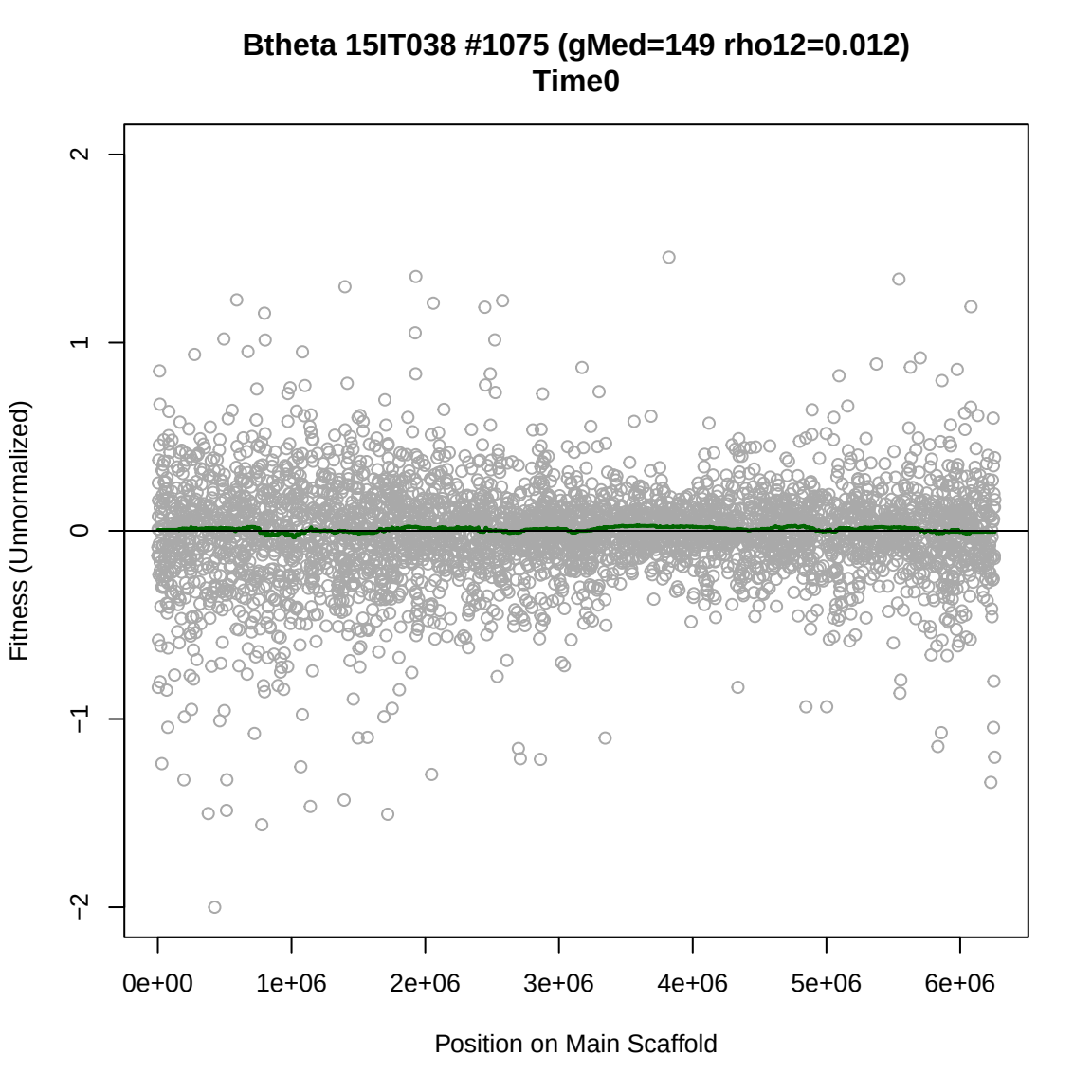

Btheta 15IT032 #1070 (gMed=39 rho12=0.183)
Post−colonization (Day 7) − Cage1A;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

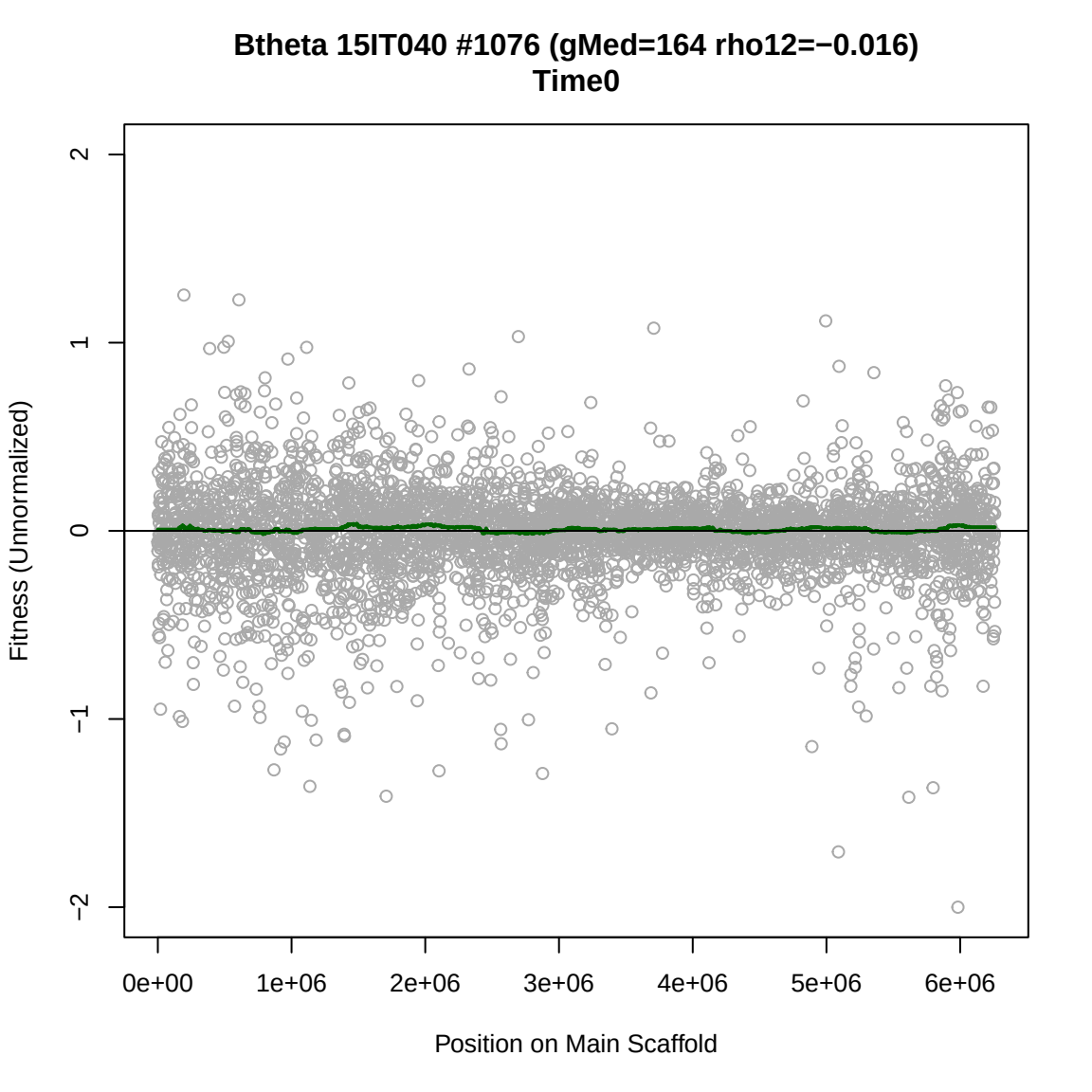

Btheta 15IT033 #1071 (gMed=22 rho12=0.178)
Post−dosage t1 (Day 1) − Cage1A;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

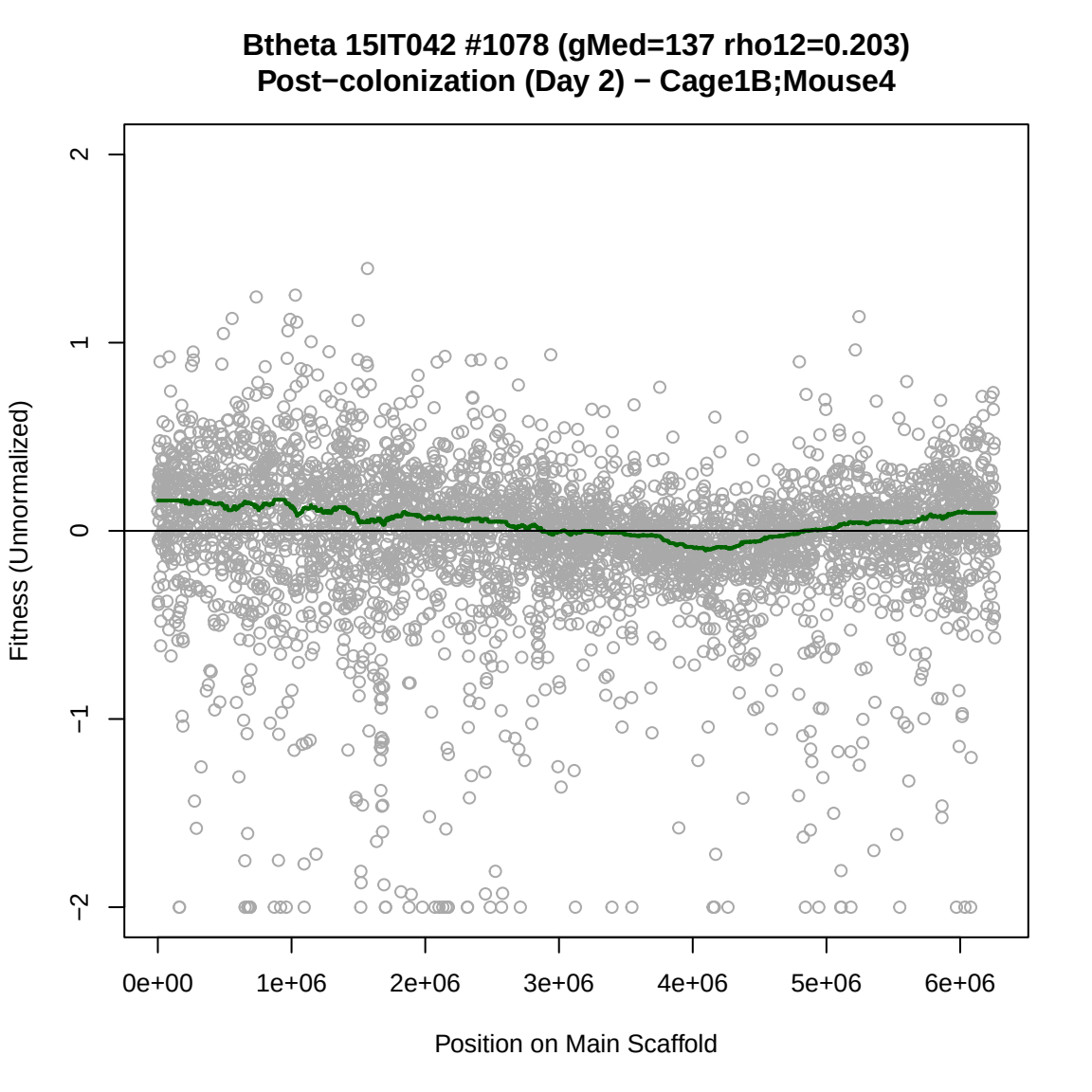

Btheta 15IT034 #1072 (gMed=14 rho12=0.129)
Post−dosage t2 (Day 2) − Cage1A;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

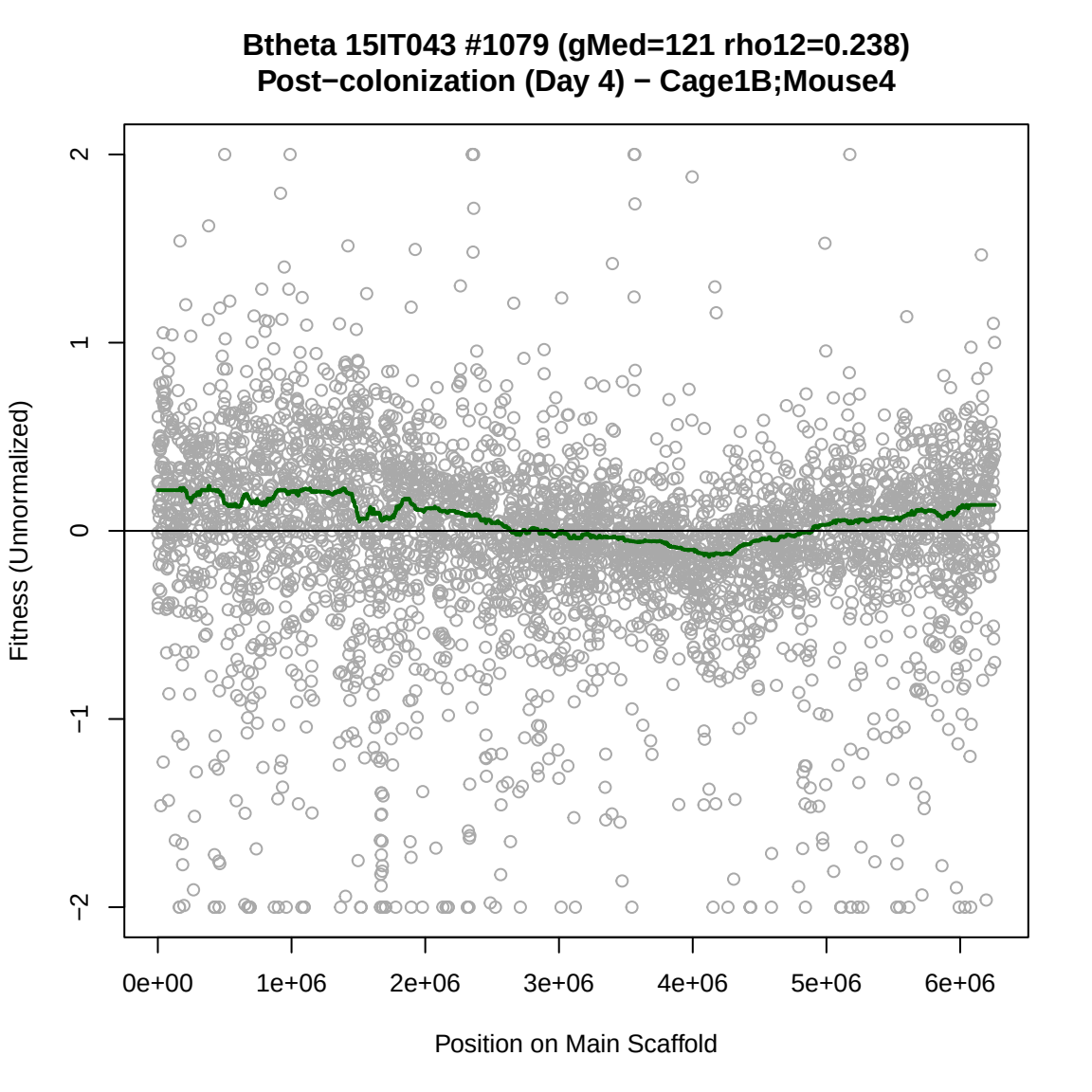

Btheta 15IT035 #1073 (gMed=15 rho12=0.132)
Post−dosage t3 (Day 3) − Cage1A;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

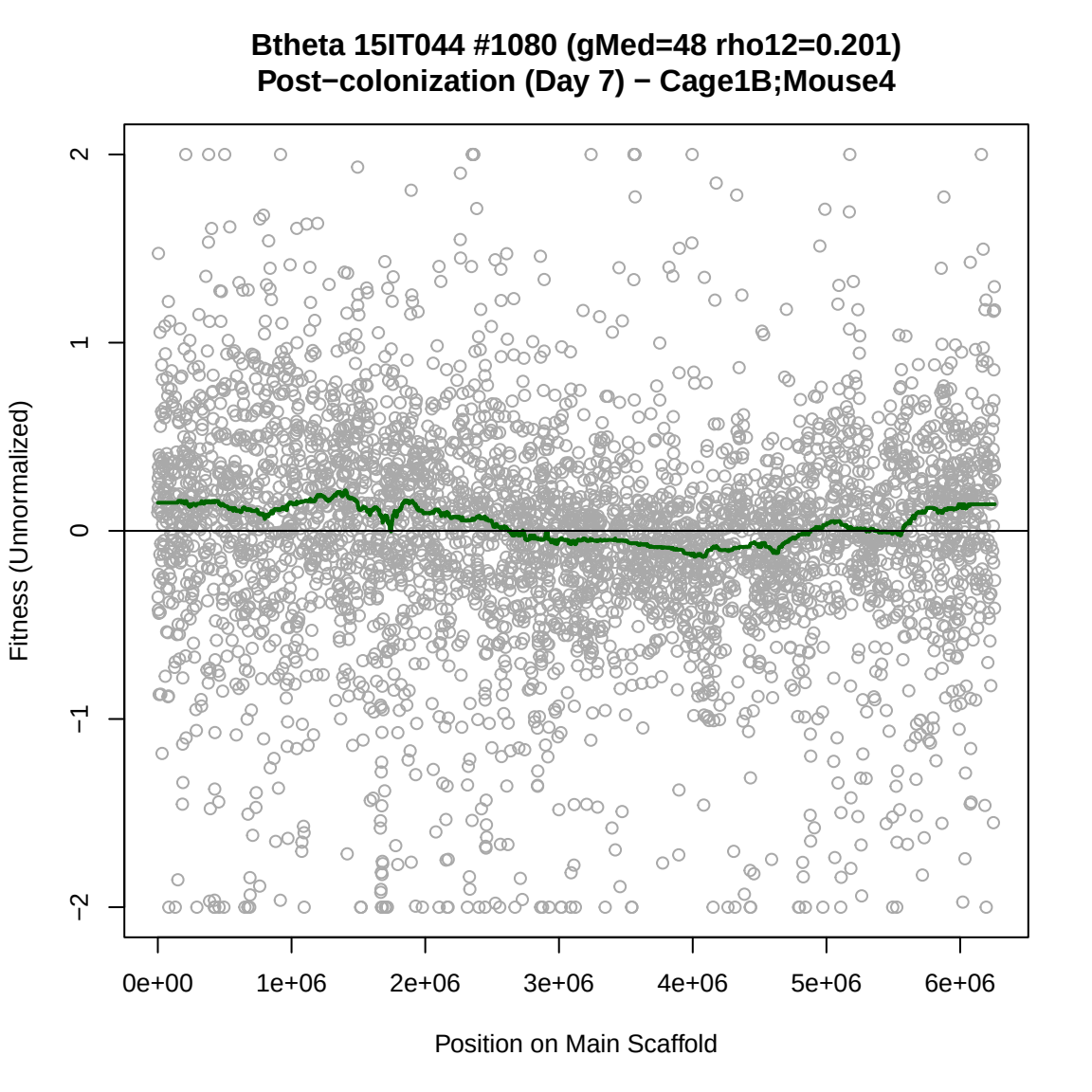

Btheta 15IT037 #1074 (gMed=168 rho12=0.060)
BHIS with Simvastatin Hydroxy Acid Ammonium Salt 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

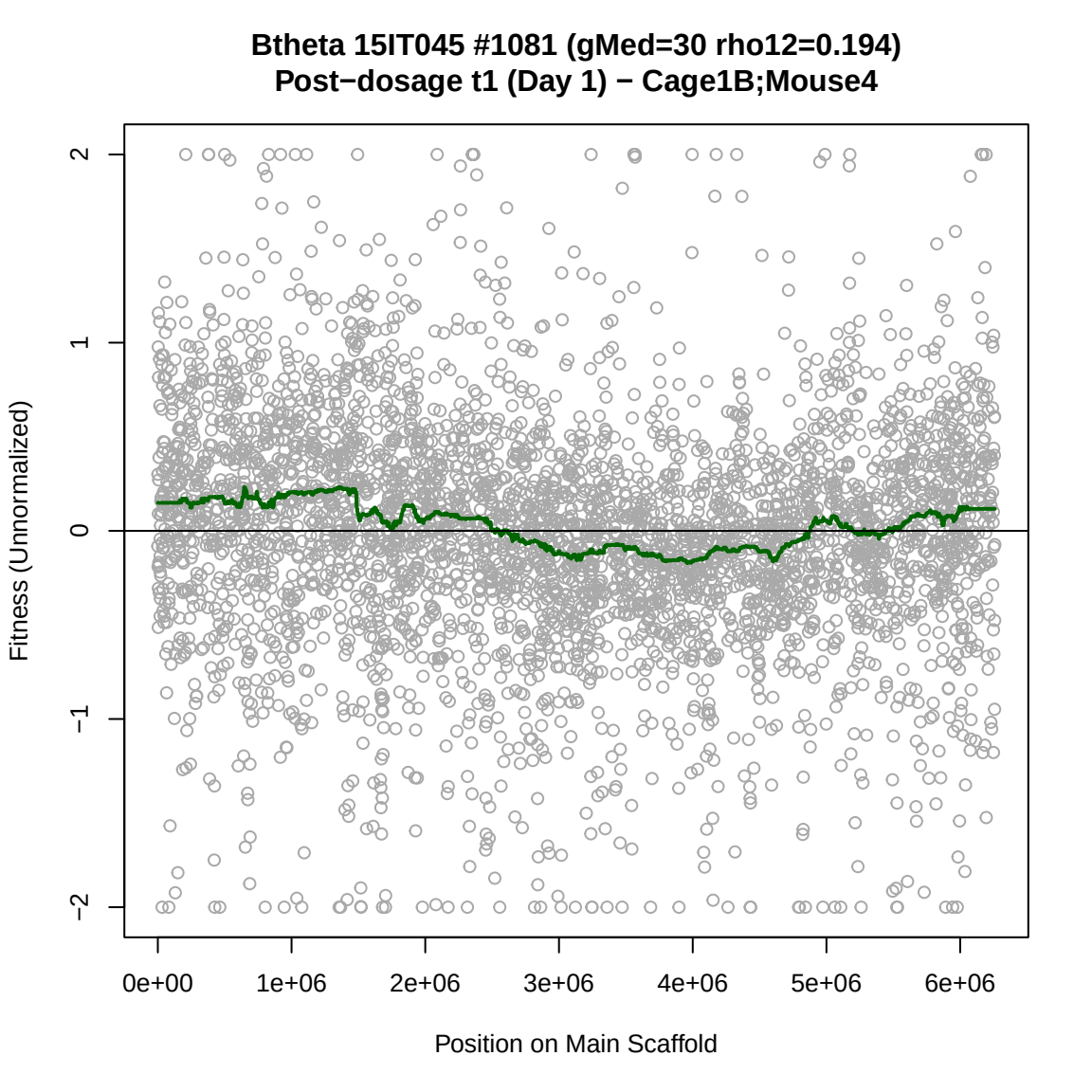

Btheta 15IT038 #1075 (gMed=149 rho12=0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

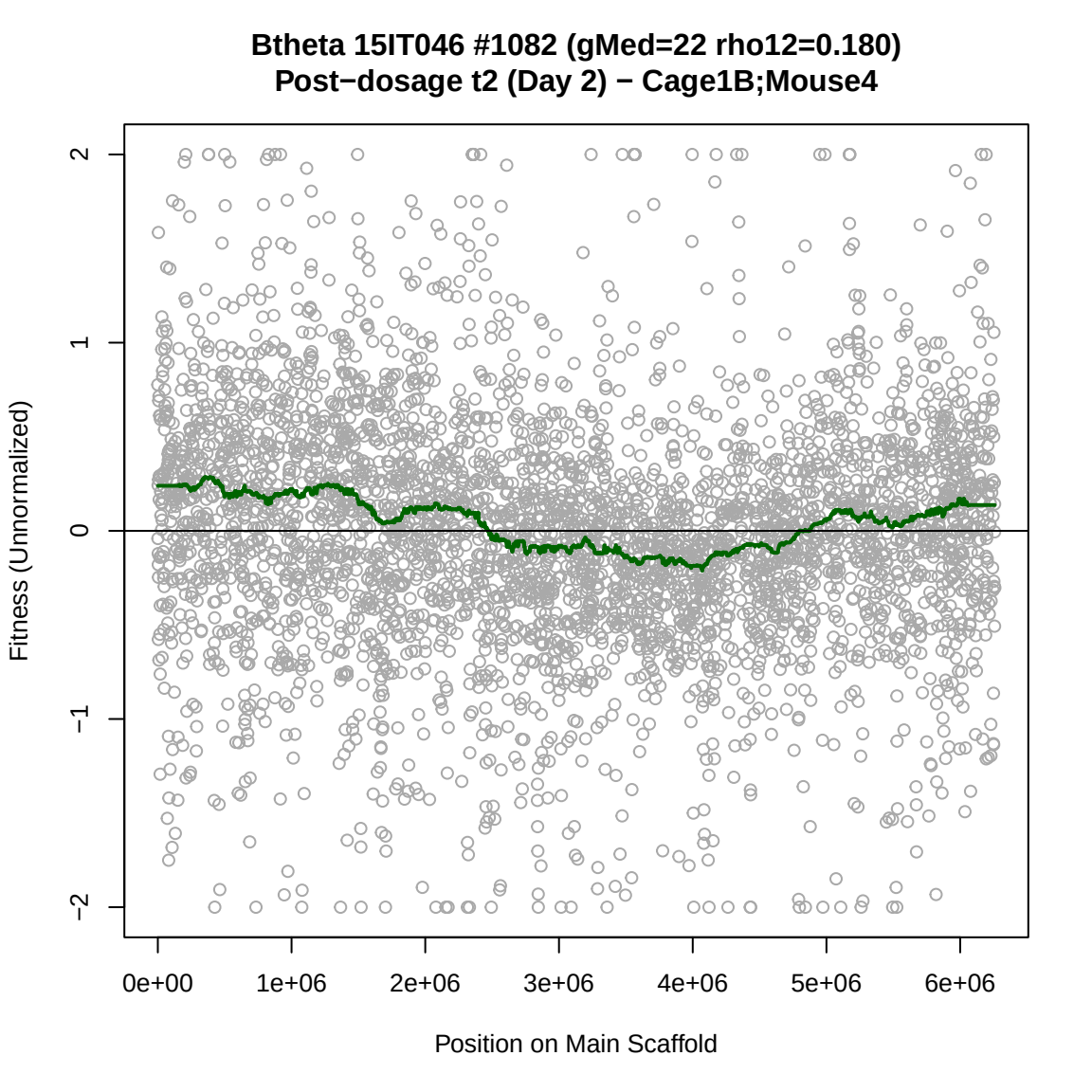

Btheta 15IT040 #1076 (gMed=164 rho12=−0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

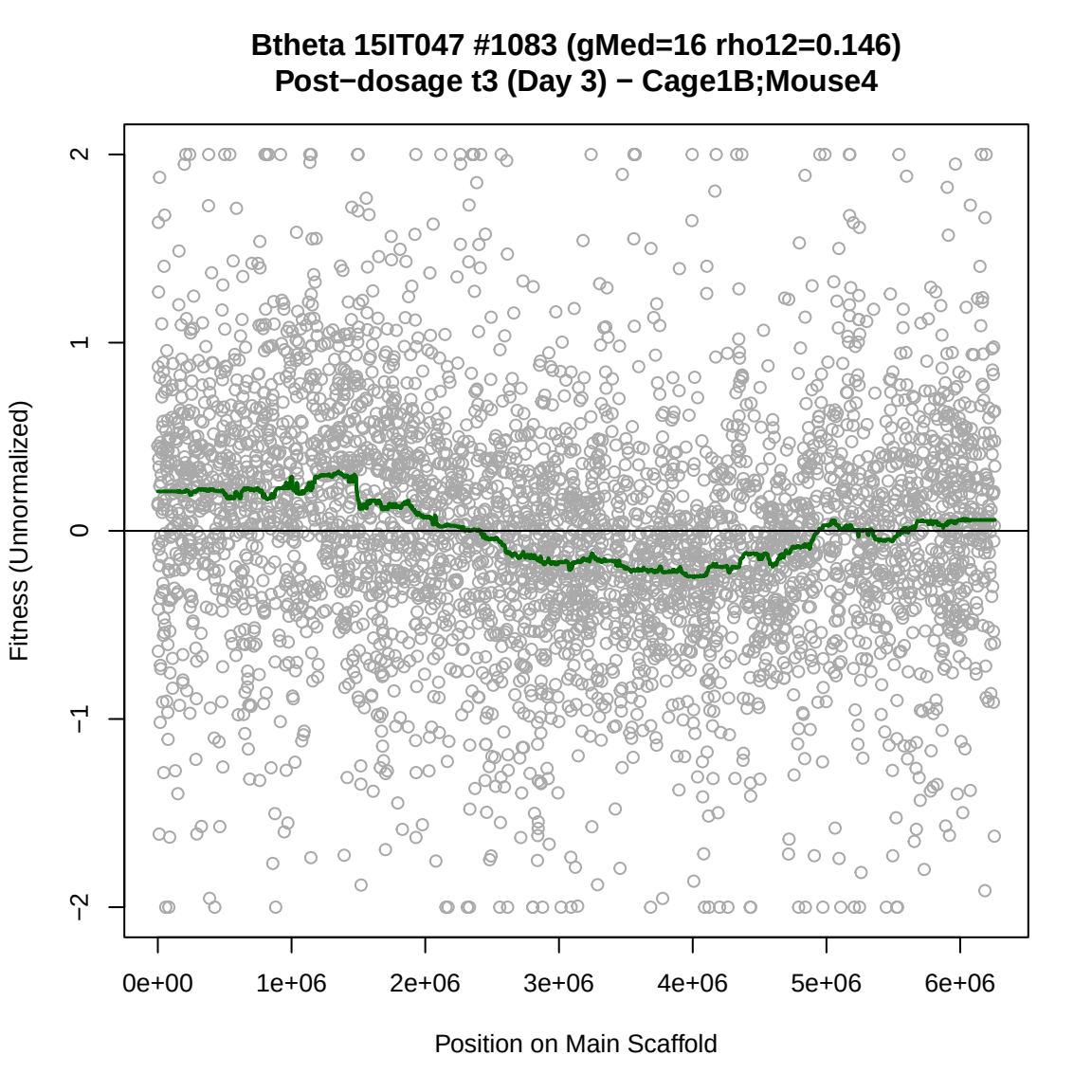

Btheta 15IT042 #1078 (gMed=137 rho12=0.203)
Post−colonization (Day 2) − Cage1B;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

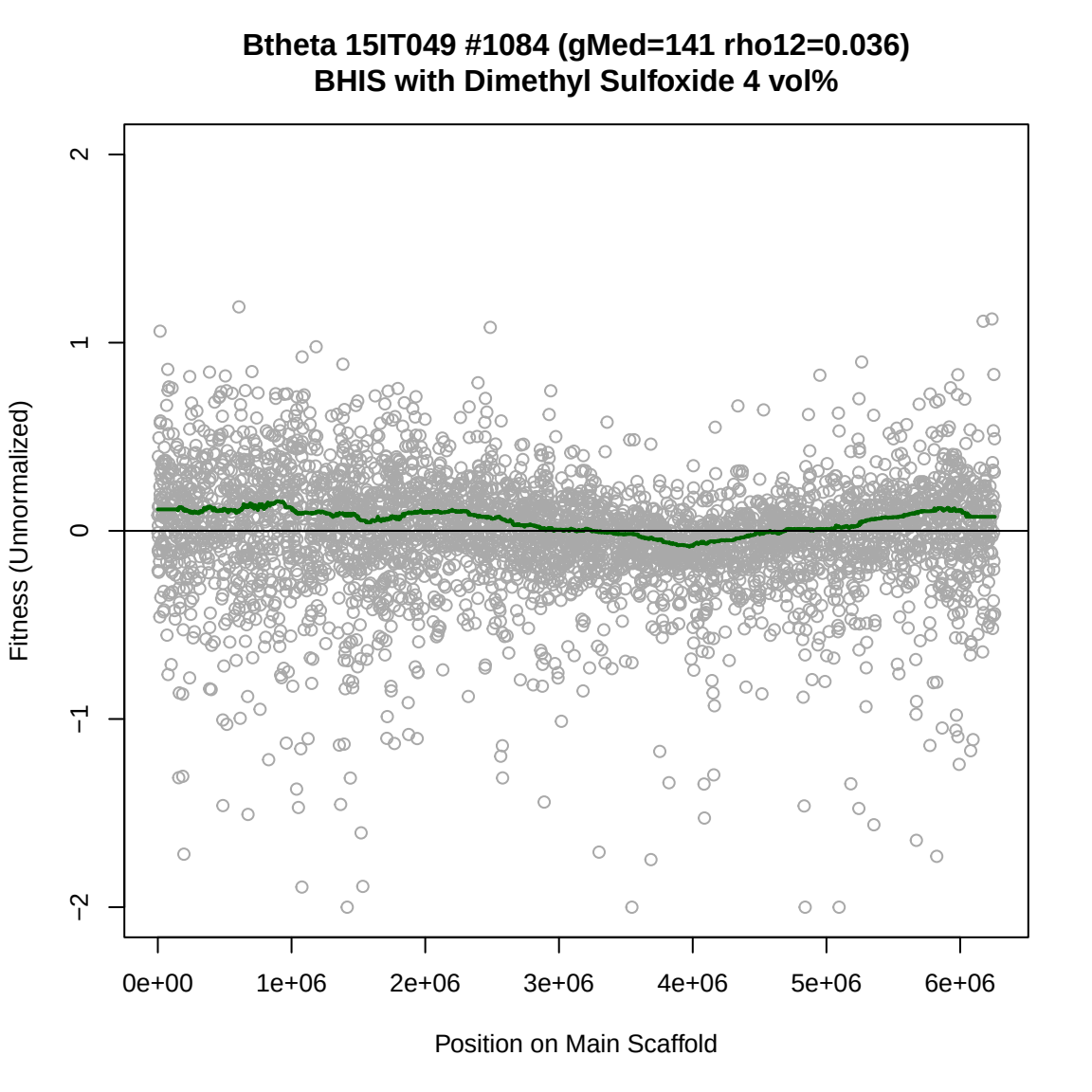

Btheta 15IT043 #1079 (gMed=121 rho12=0.238)
Post−colonization (Day 4) − Cage1B;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

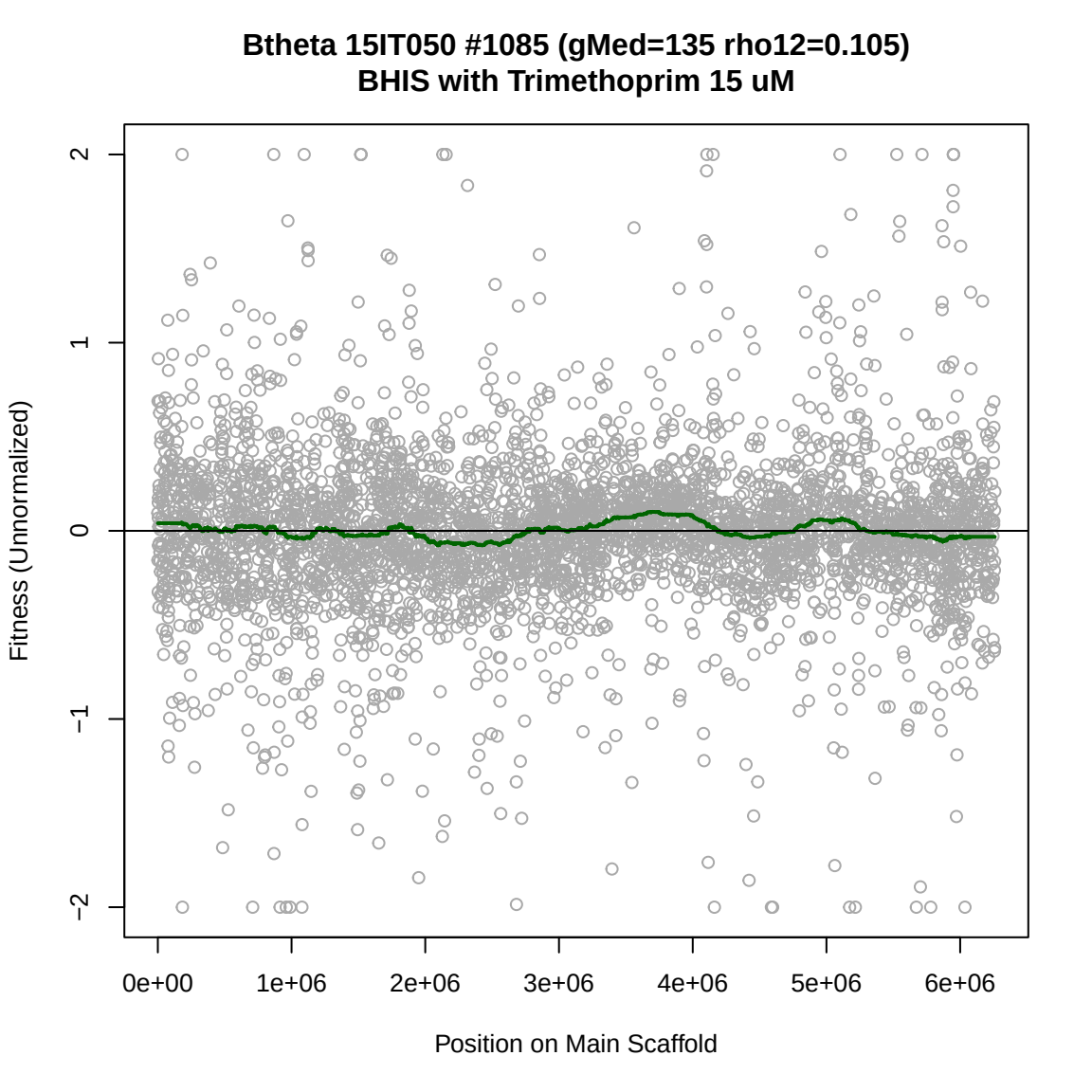

Btheta 15IT044 #1080 (gMed=48 rho12=0.201)
Post−colonization (Day 7) − Cage1B;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

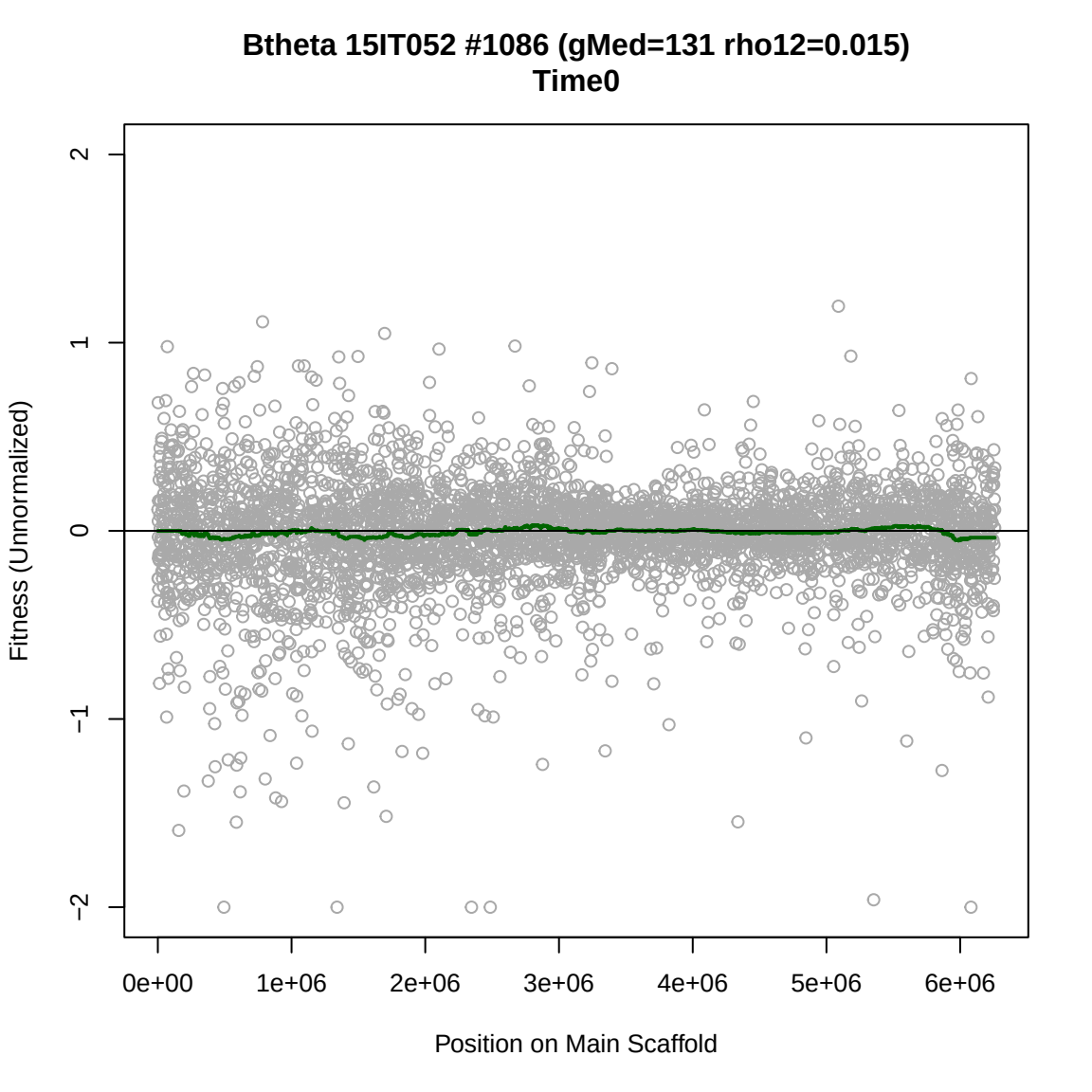

Btheta 15IT045 #1081 (gMed=30 rho12=0.194)
Post−dosage t1 (Day 1) − Cage1B;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

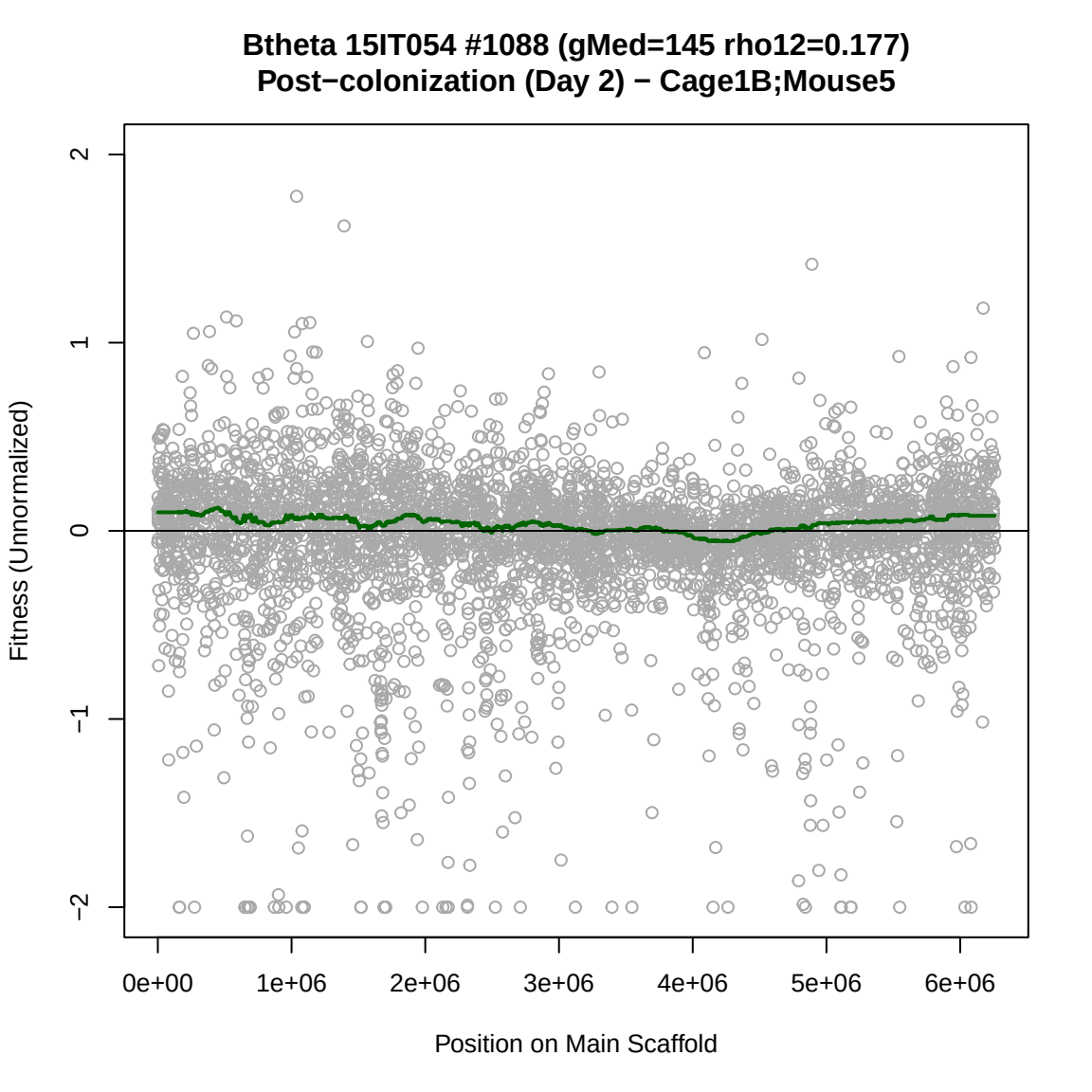

Btheta 15IT046 #1082 (gMed=22 rho12=0.180)
Post−dosage t2 (Day 2) − Cage1B;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

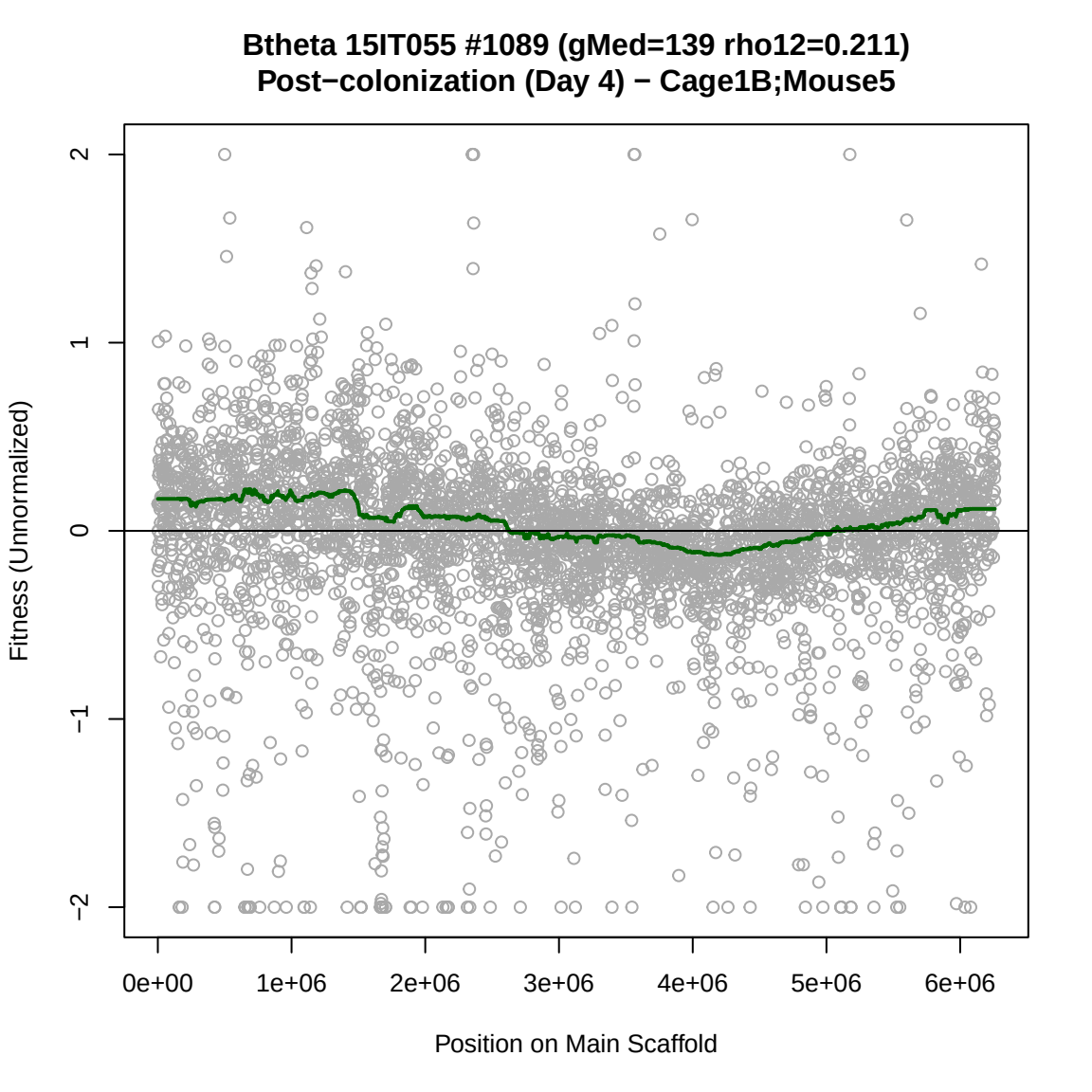

Btheta 15IT047 #1083 (gMed=16 rho12=0.146)
Post−dosage t3 (Day 3) − Cage1B;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

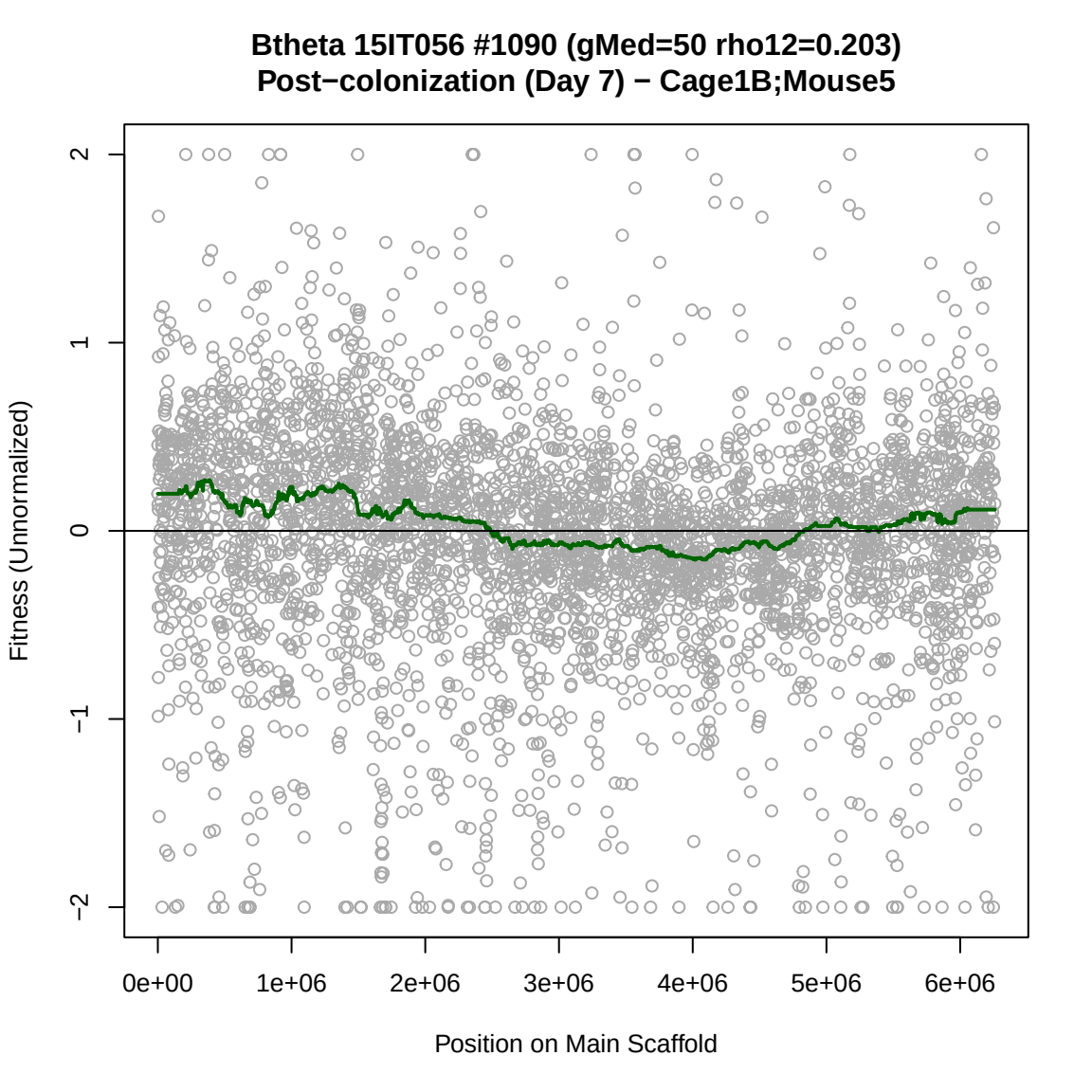

Btheta 15IT049 #1084 (gMed=141 rho12=0.036)
BHIS with Dimethyl Sulfoxide 4 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

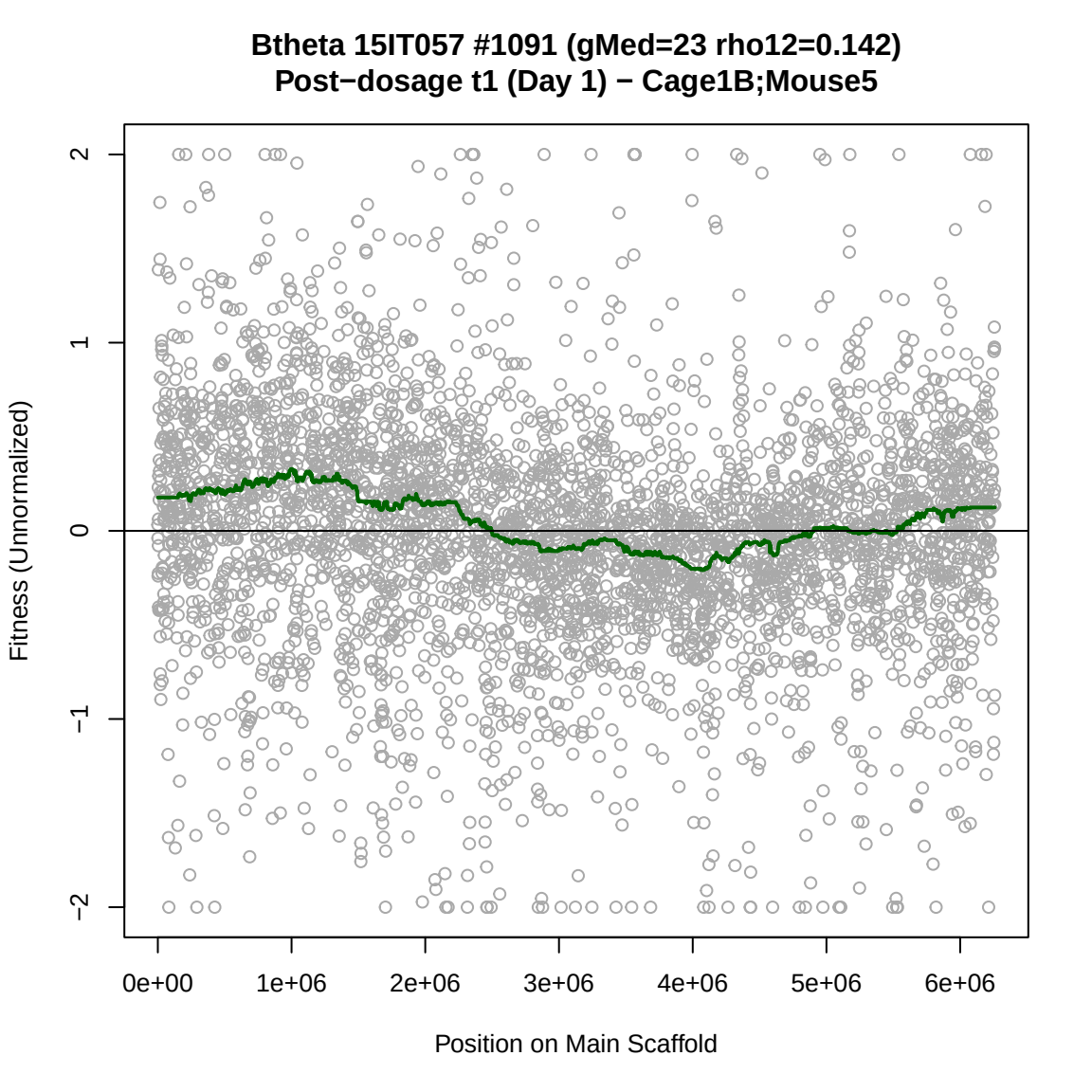

Btheta 15IT050 #1085 (gMed=135 rho12=0.105)
BHIS with Trimethoprim 15 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

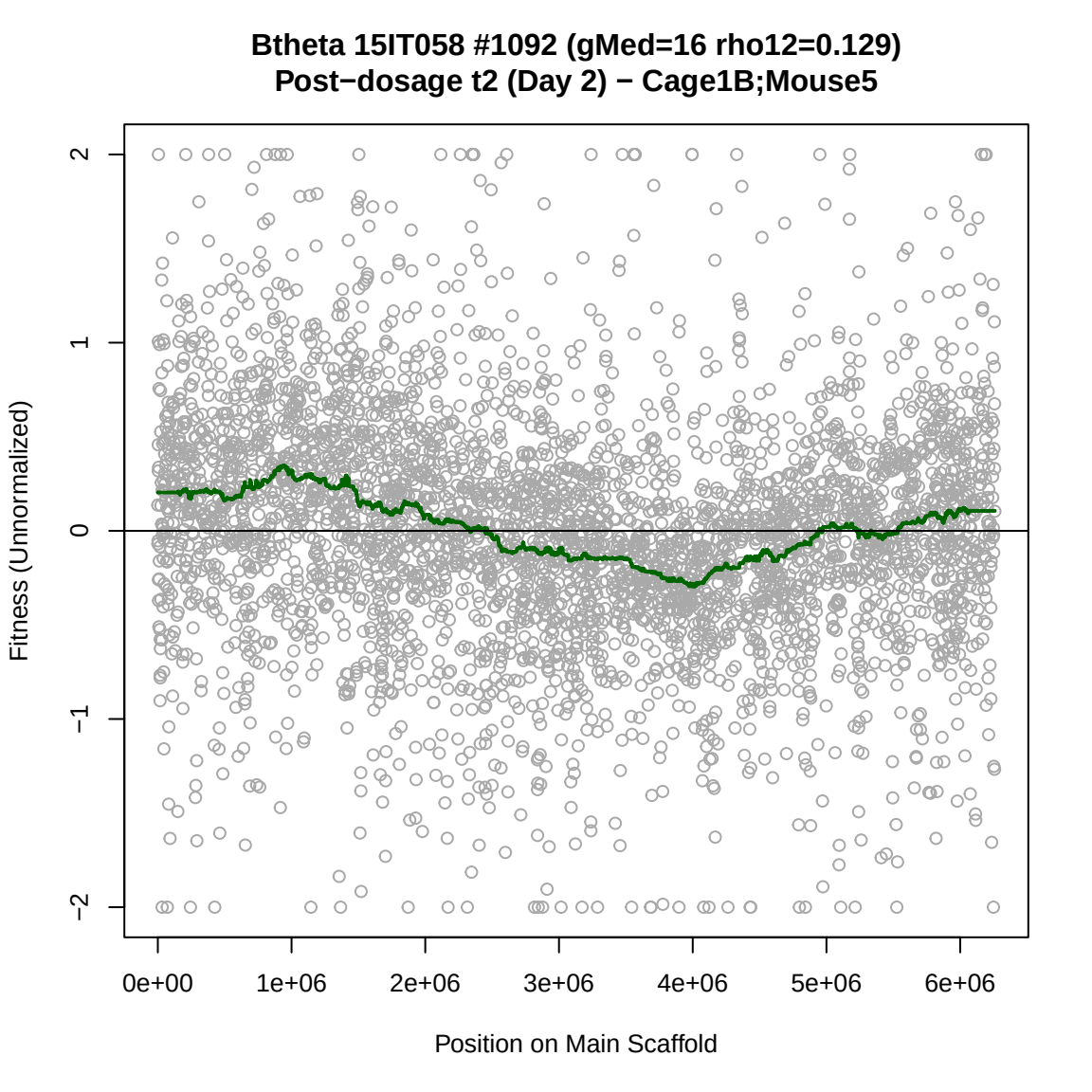

Btheta 15IT052 #1086 (gMed=131 rho12=0.015)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

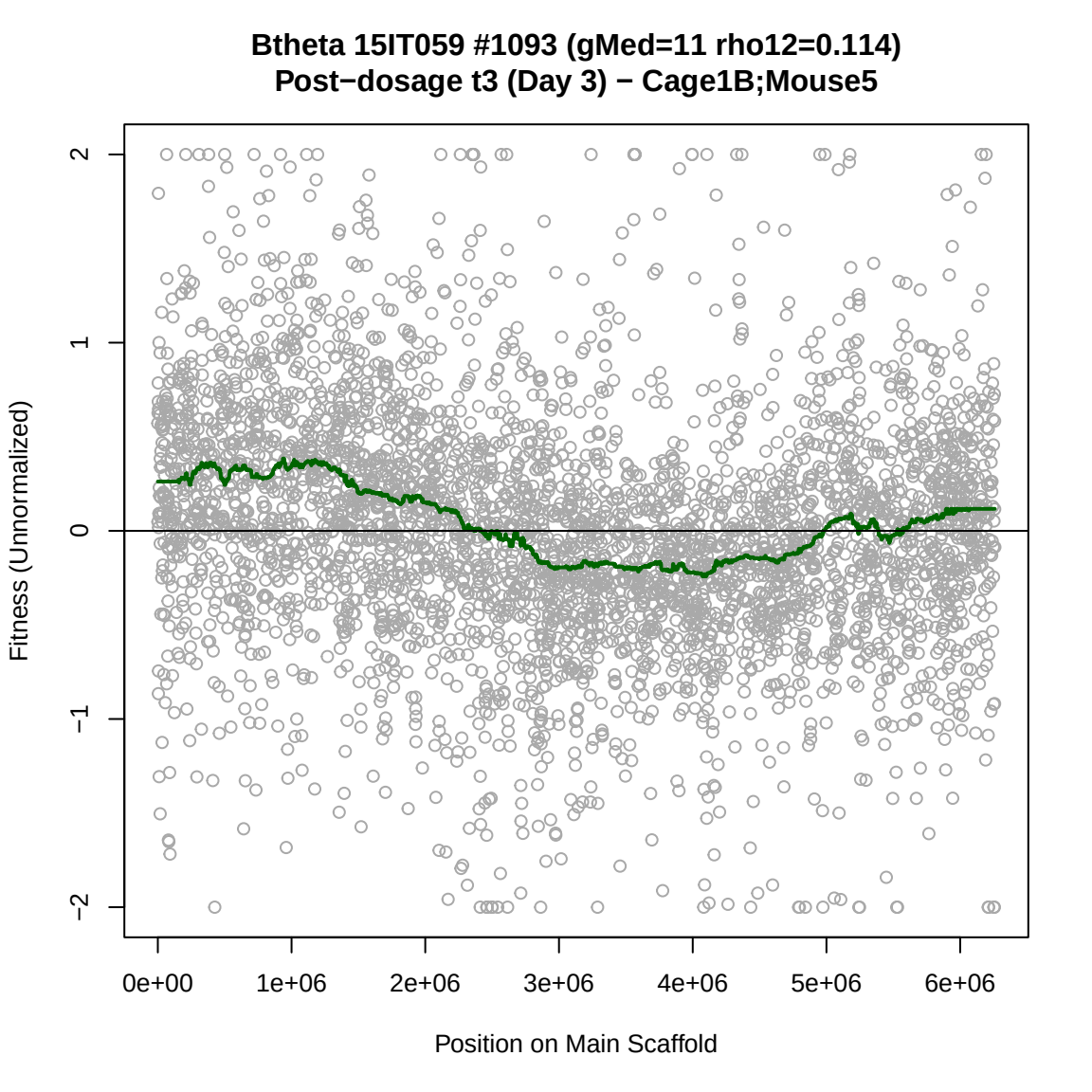

Btheta 15IT054 #1088 (gMed=145 rho12=0.177)
Post−colonization (Day 2) − Cage1B;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

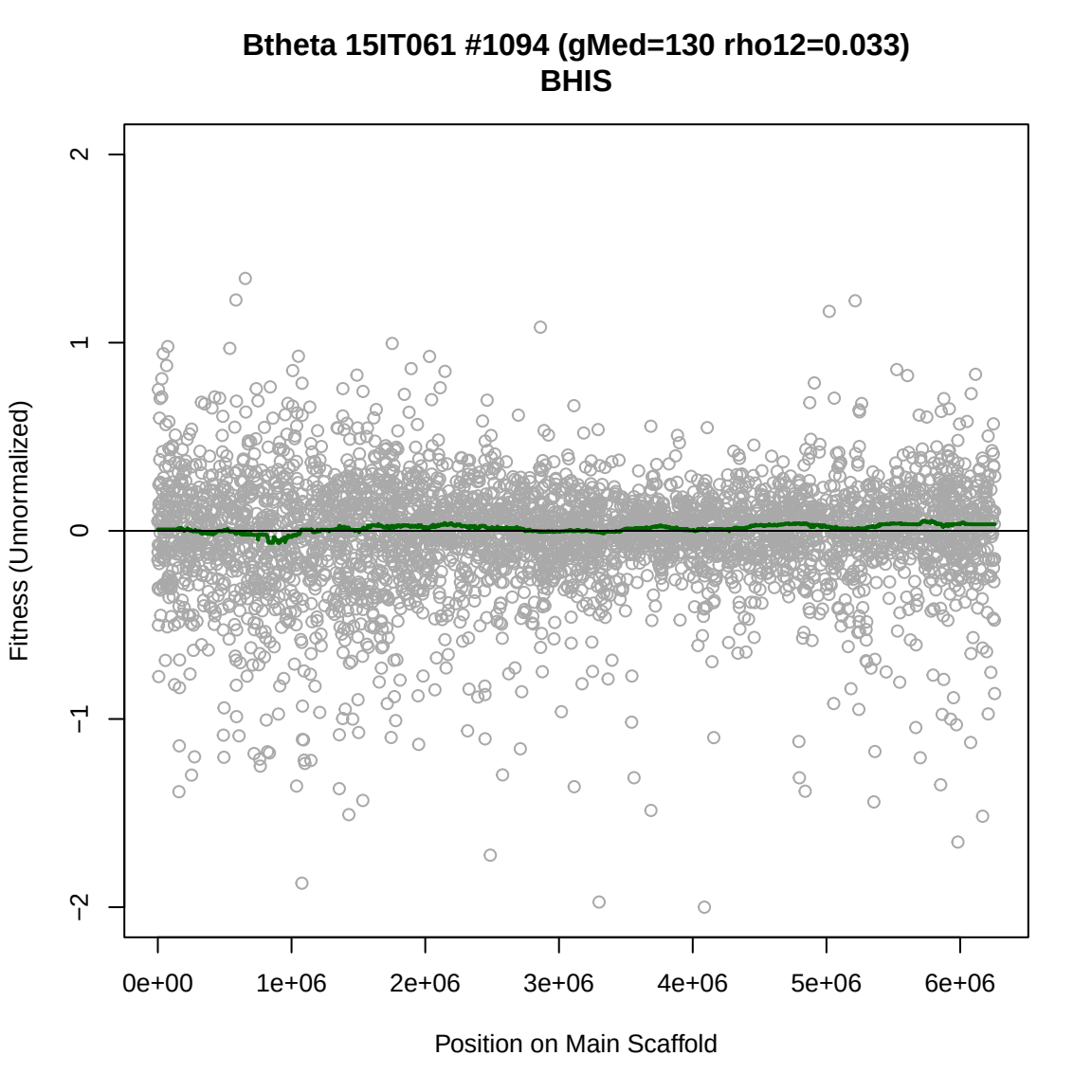

Btheta 15IT055 #1089 (gMed=139 rho12=0.211)
Post−colonization (Day 4) − Cage1B;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

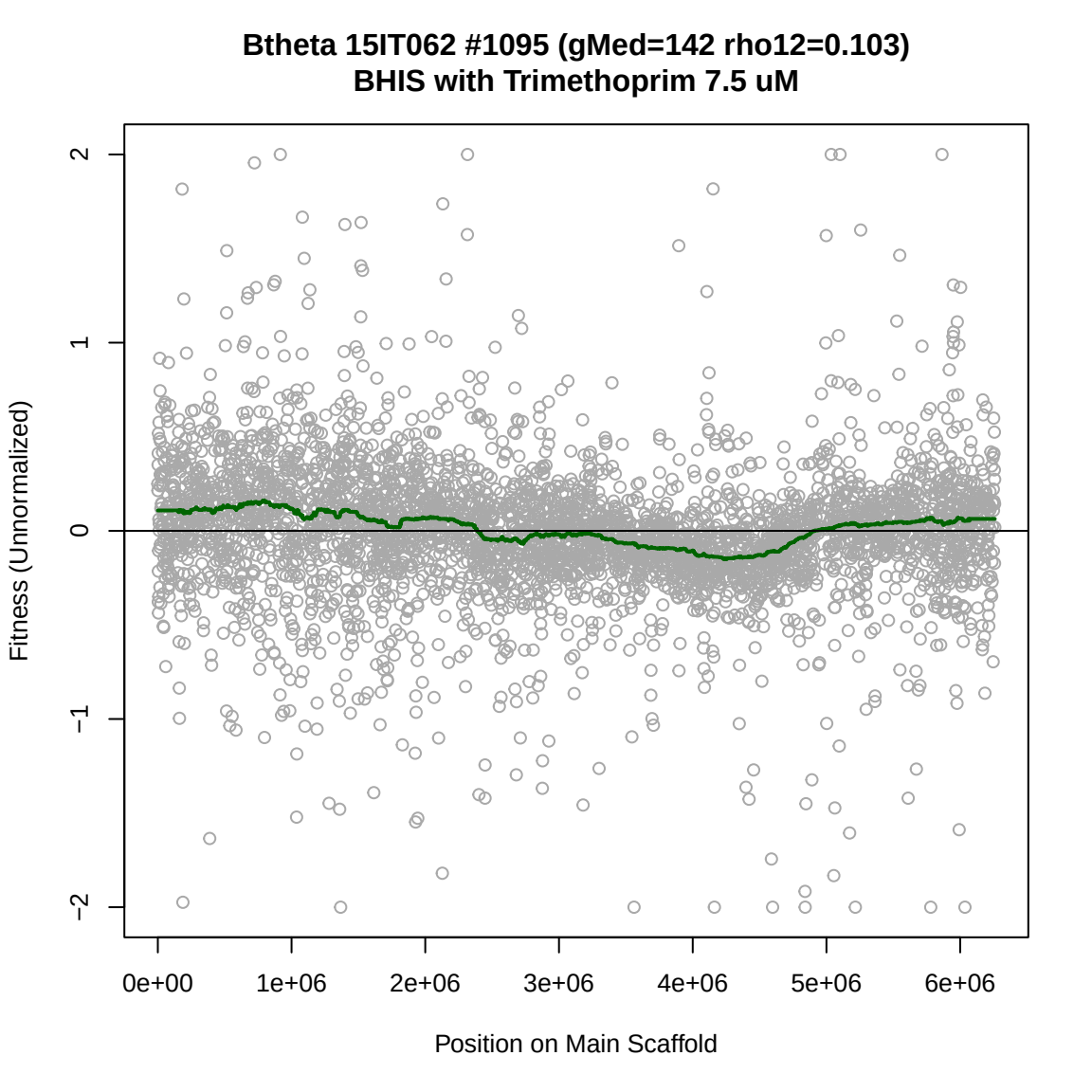

Btheta 15IT056 #1090 (gMed=50 rho12=0.203)
Post−colonization (Day 7) − Cage1B;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

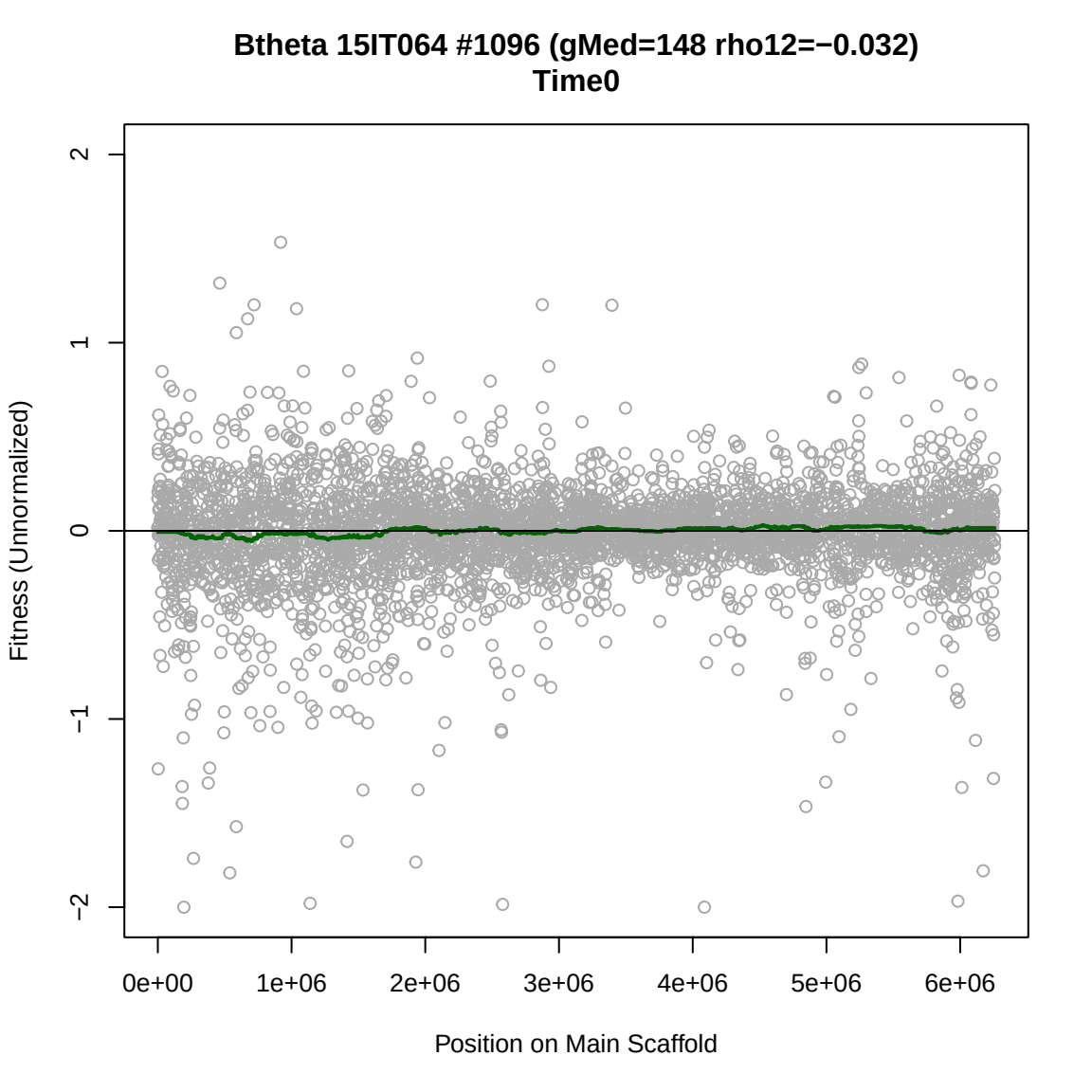

Btheta 15IT057 #1091 (gMed=23 rho12=0.142)
Post−dosage t1 (Day 1) − Cage1B;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

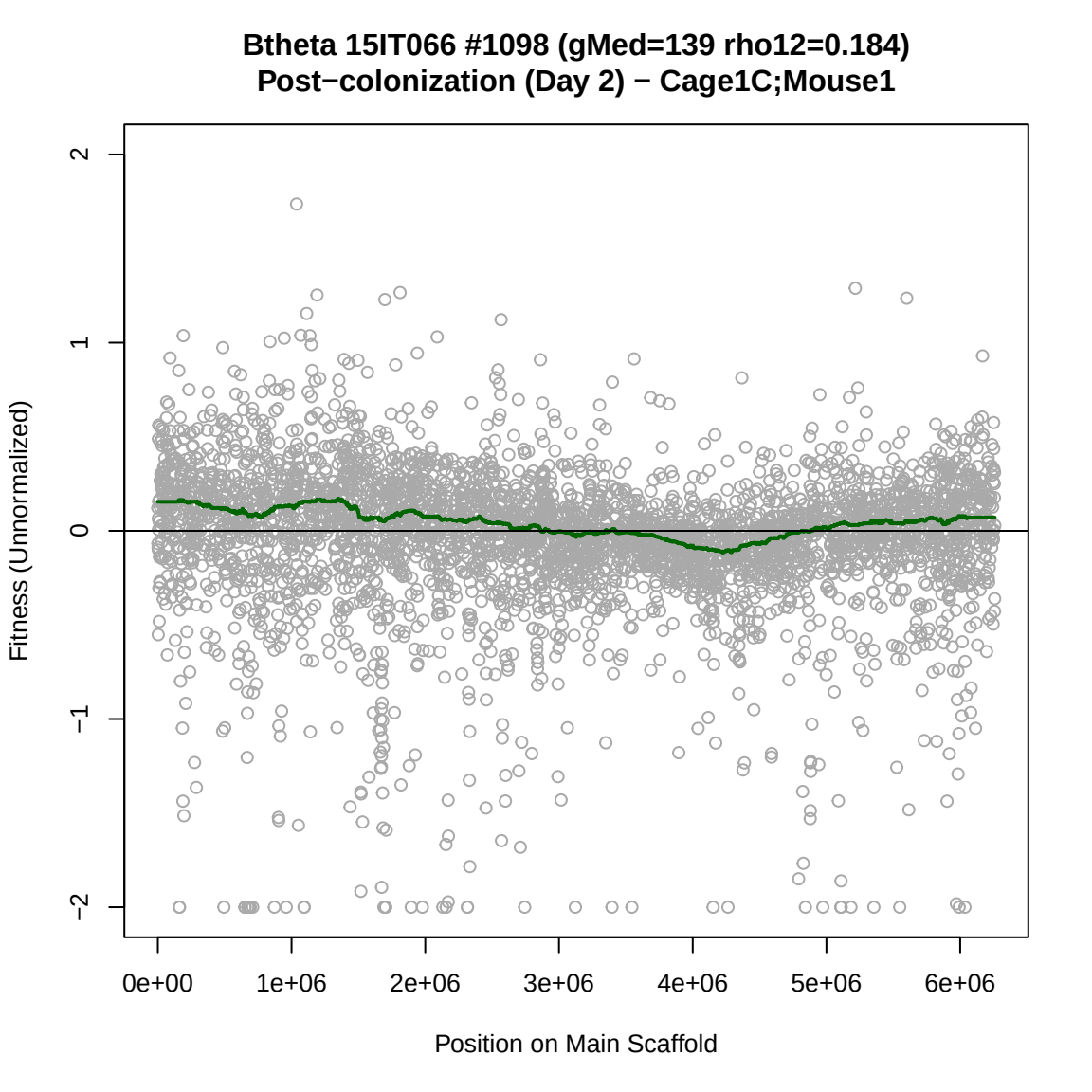

Btheta 15IT058 #1092 (gMed=16 rho12=0.129)
Post−dosage t2 (Day 2) − Cage1B;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

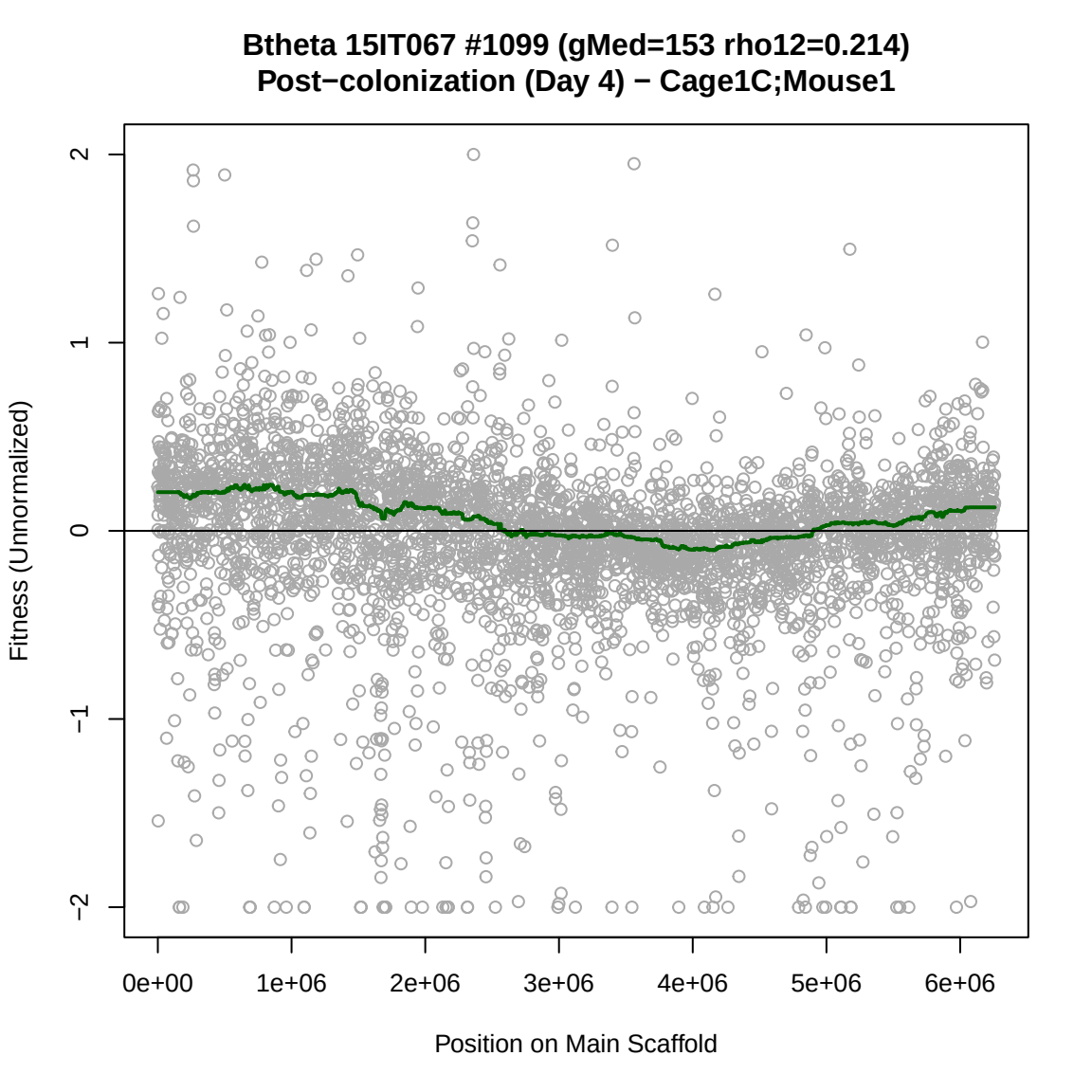

Btheta 15IT059 #1093 (gMed=11 rho12=0.114)
Post−dosage t3 (Day 3) − Cage1B;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

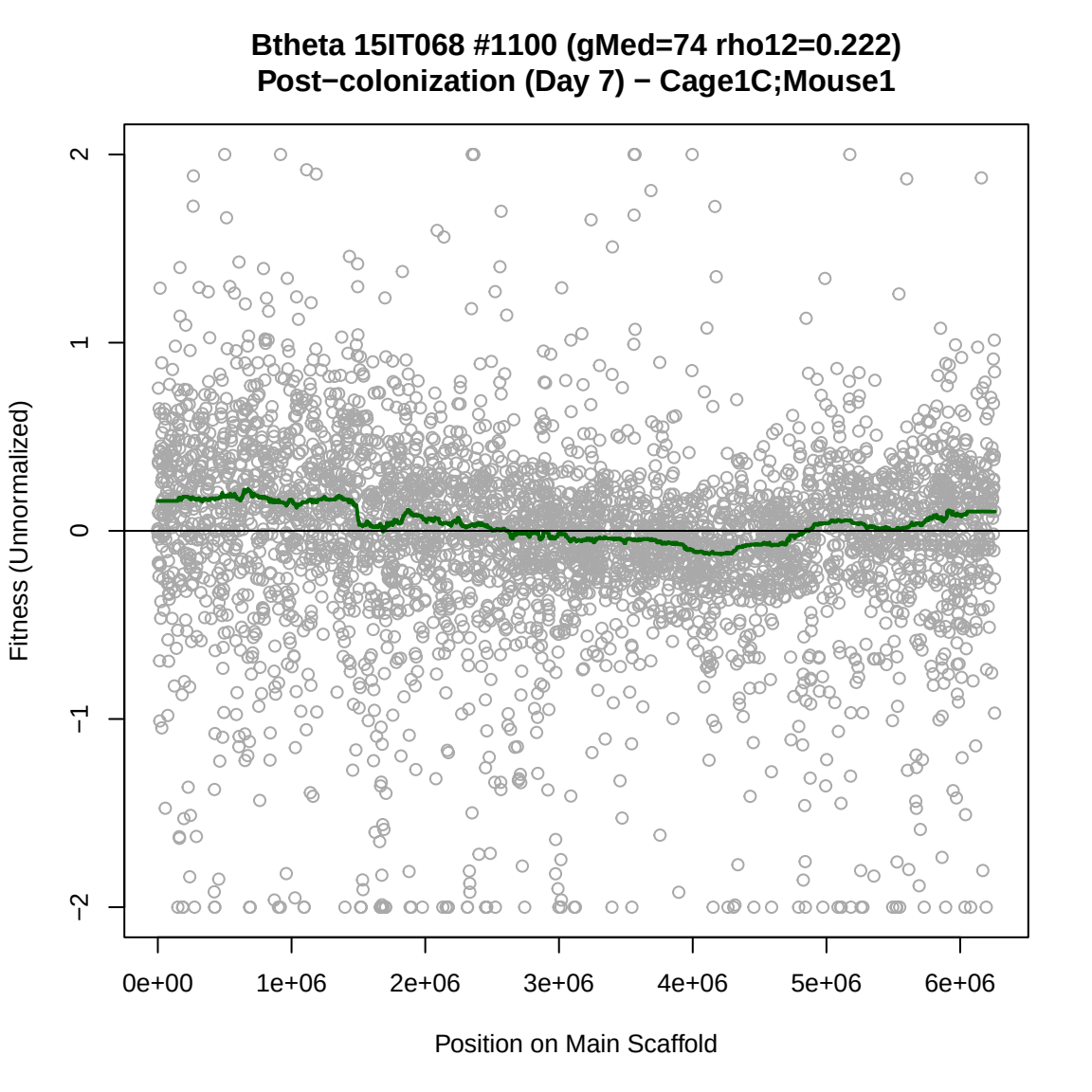

Btheta 15IT061 #1094 (gMed=130 rho12=0.033)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

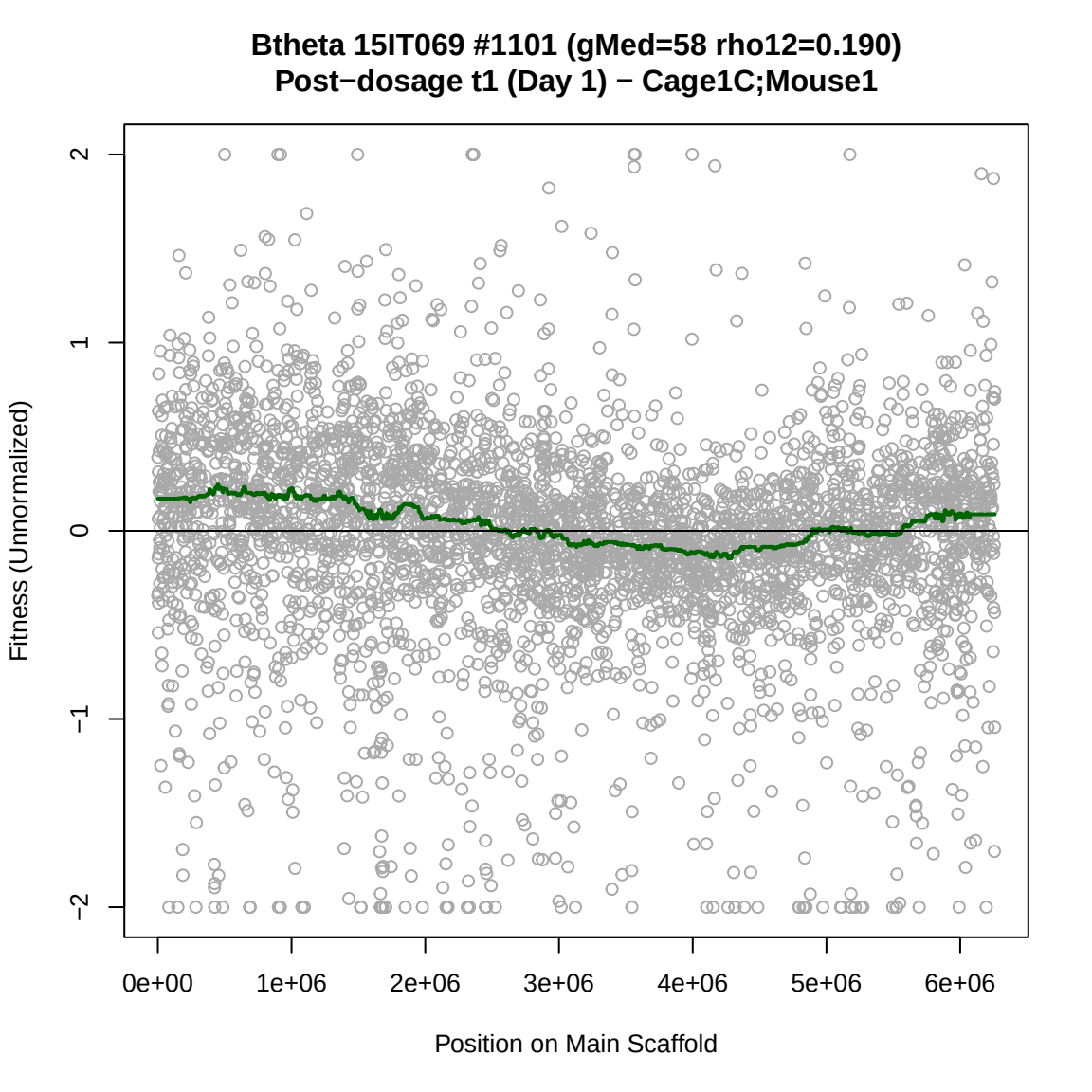

Btheta 15IT062 #1095 (gMed=142 rho12=0.103)
BHIS with Trimethoprim 7.5 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

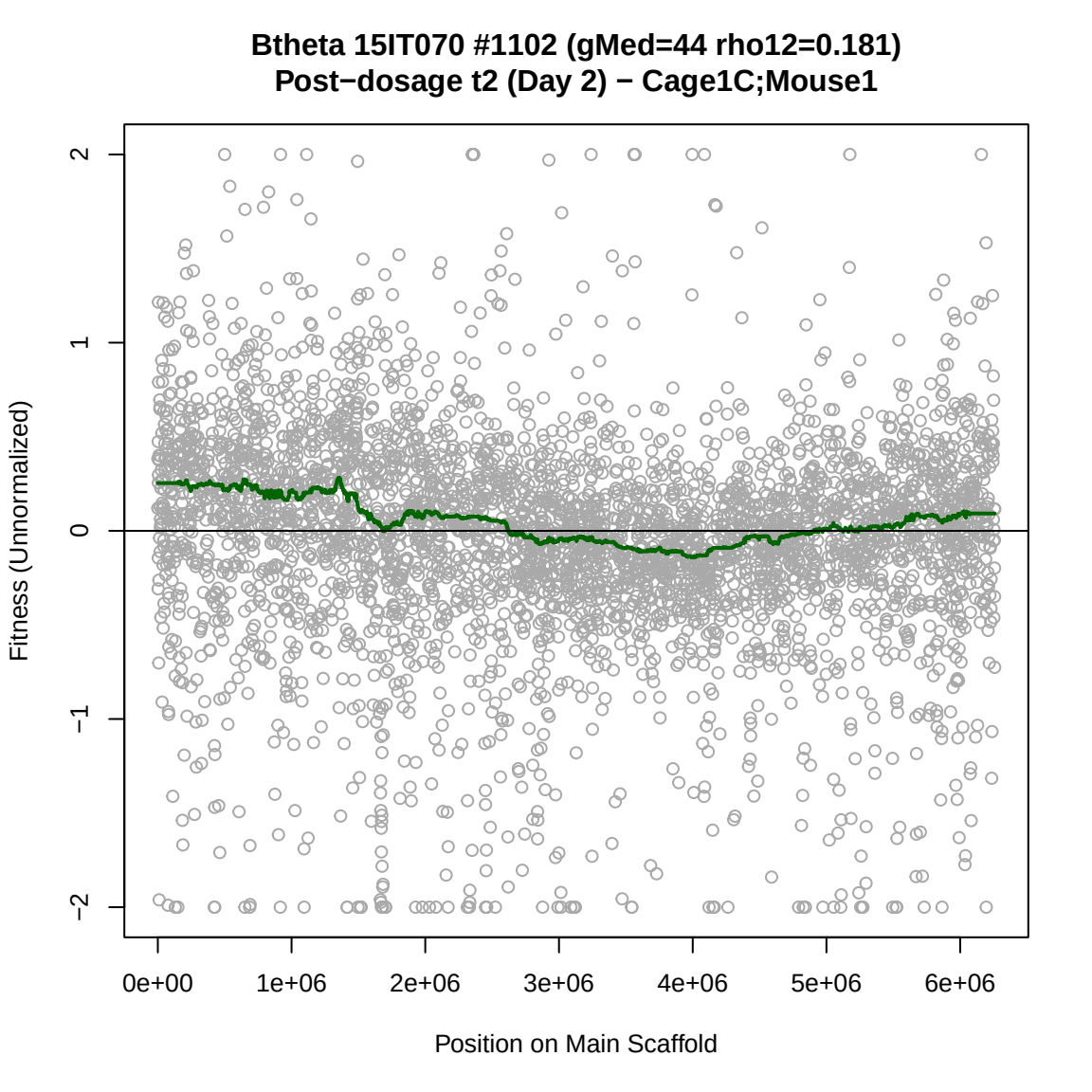

Btheta 15IT064 #1096 (gMed=148 rho12=−0.032)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

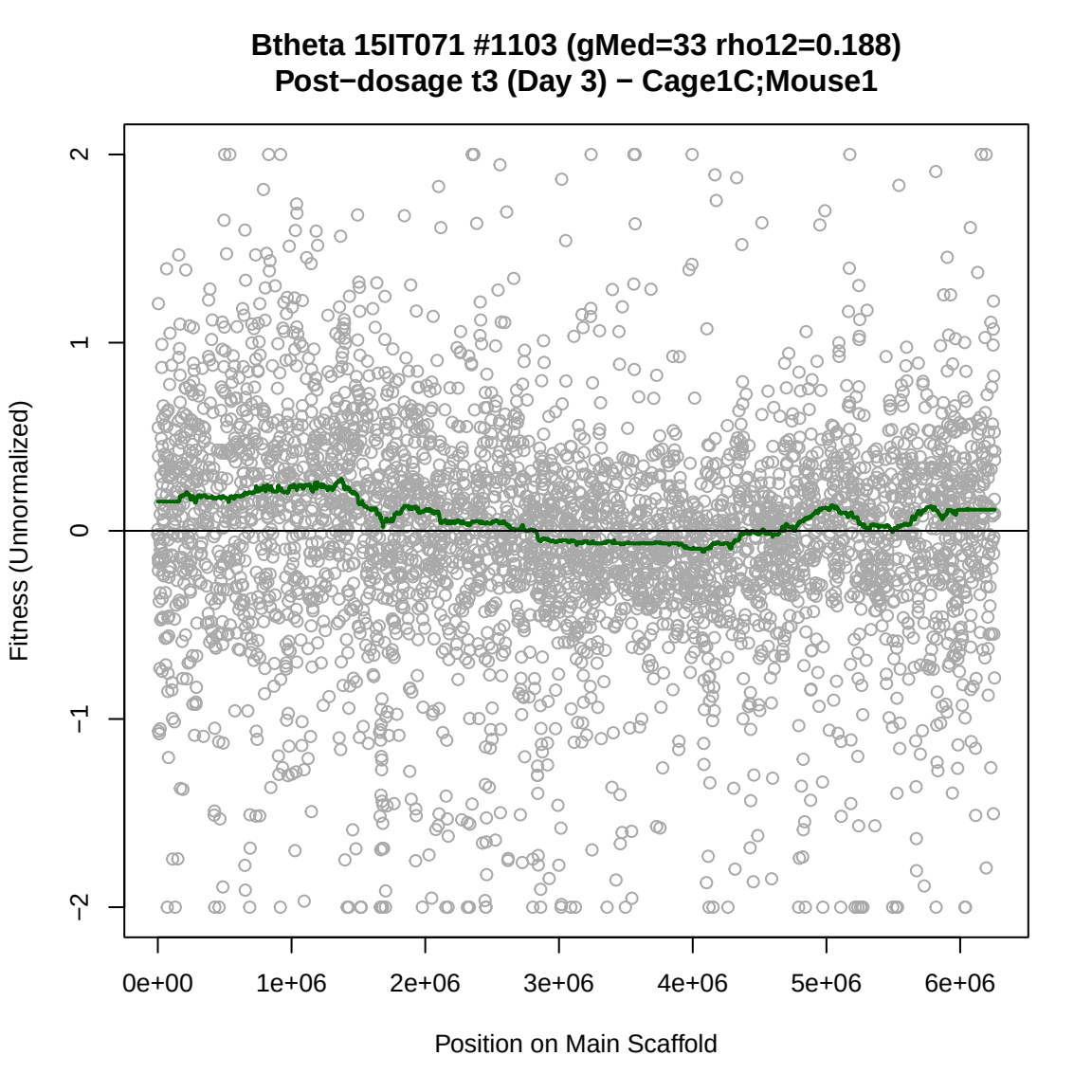

Btheta 15IT066 #1098 (gMed=139 rho12=0.184)
Post−colonization (Day 2) − Cage1C;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

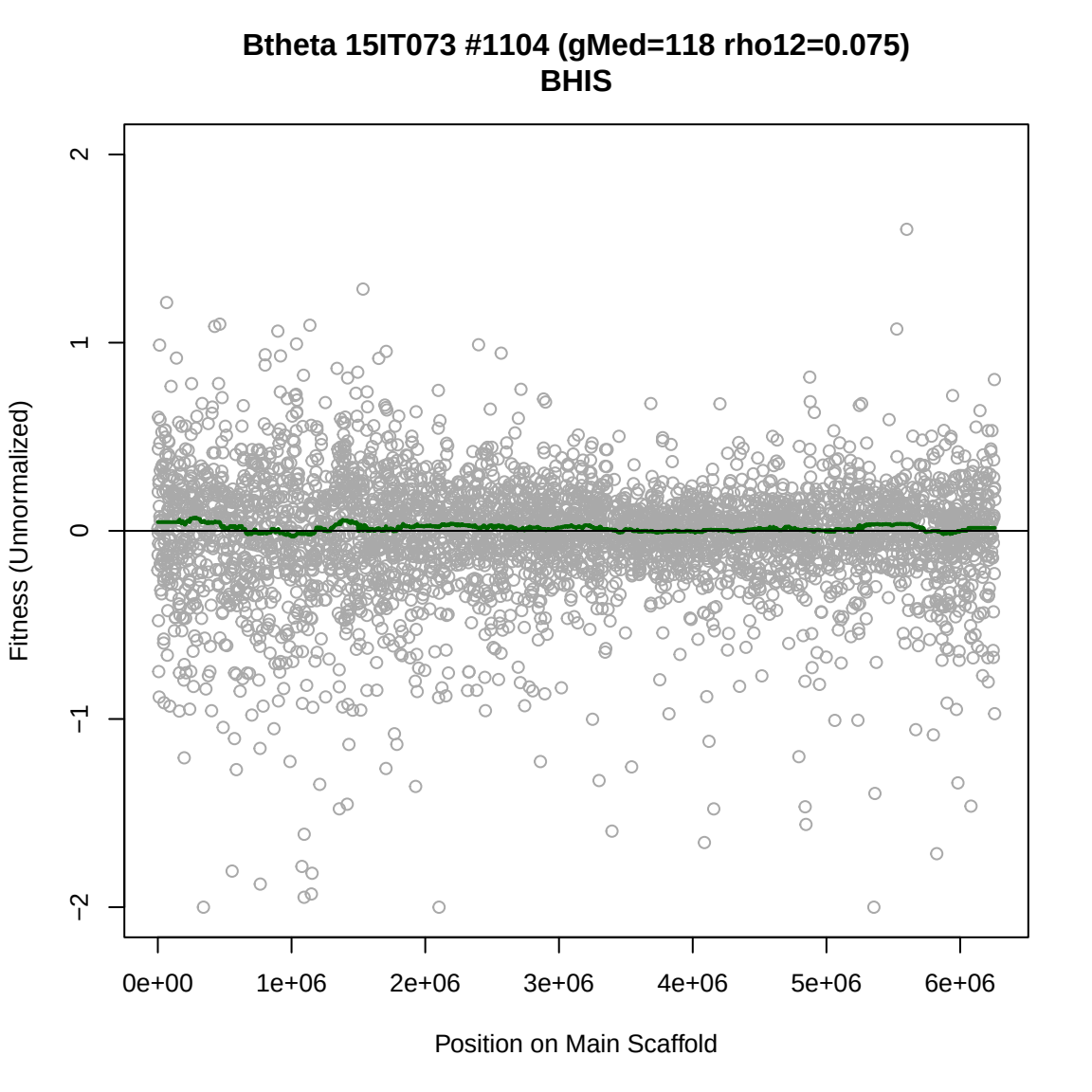

Btheta 15IT067 #1099 (gMed=153 rho12=0.214)
Post−colonization (Day 4) − Cage1C;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

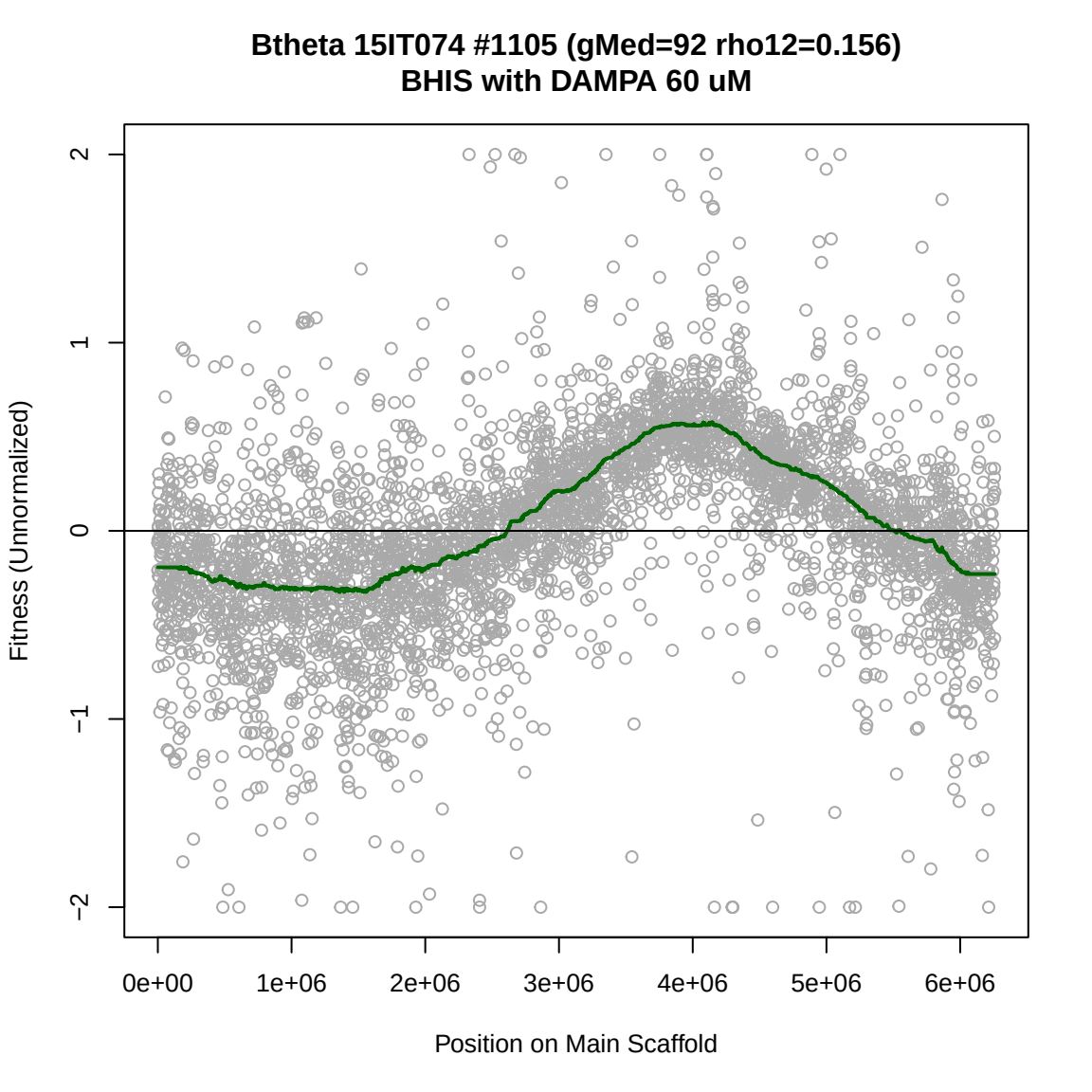

Btheta 15IT068 #1100 (gMed=74 rho12=0.222)
Post−colonization (Day 7) − Cage1C;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

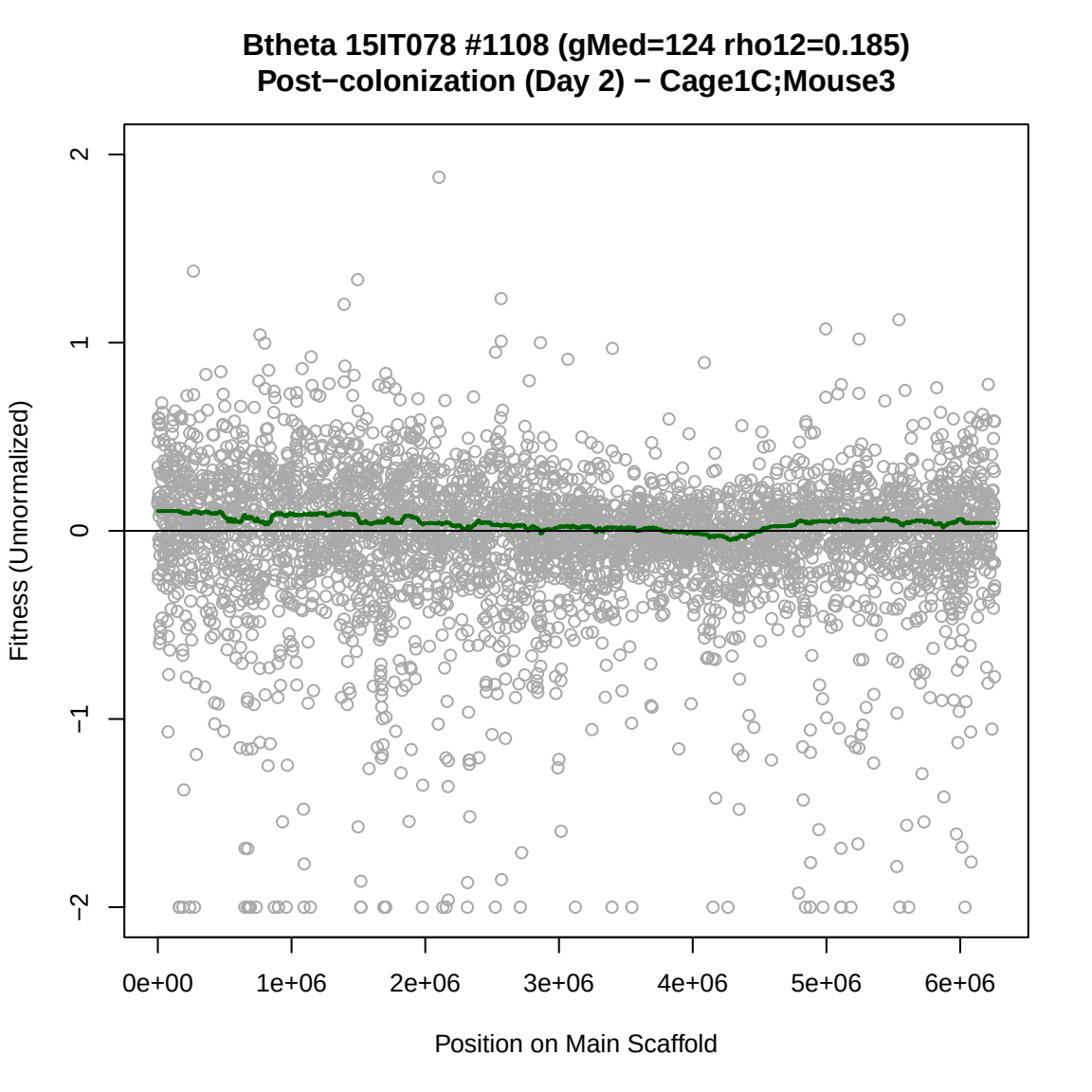

Btheta 15IT069 #1101 (gMed=58 rho12=0.190)
Post−dosage t1 (Day 1) − Cage1C;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

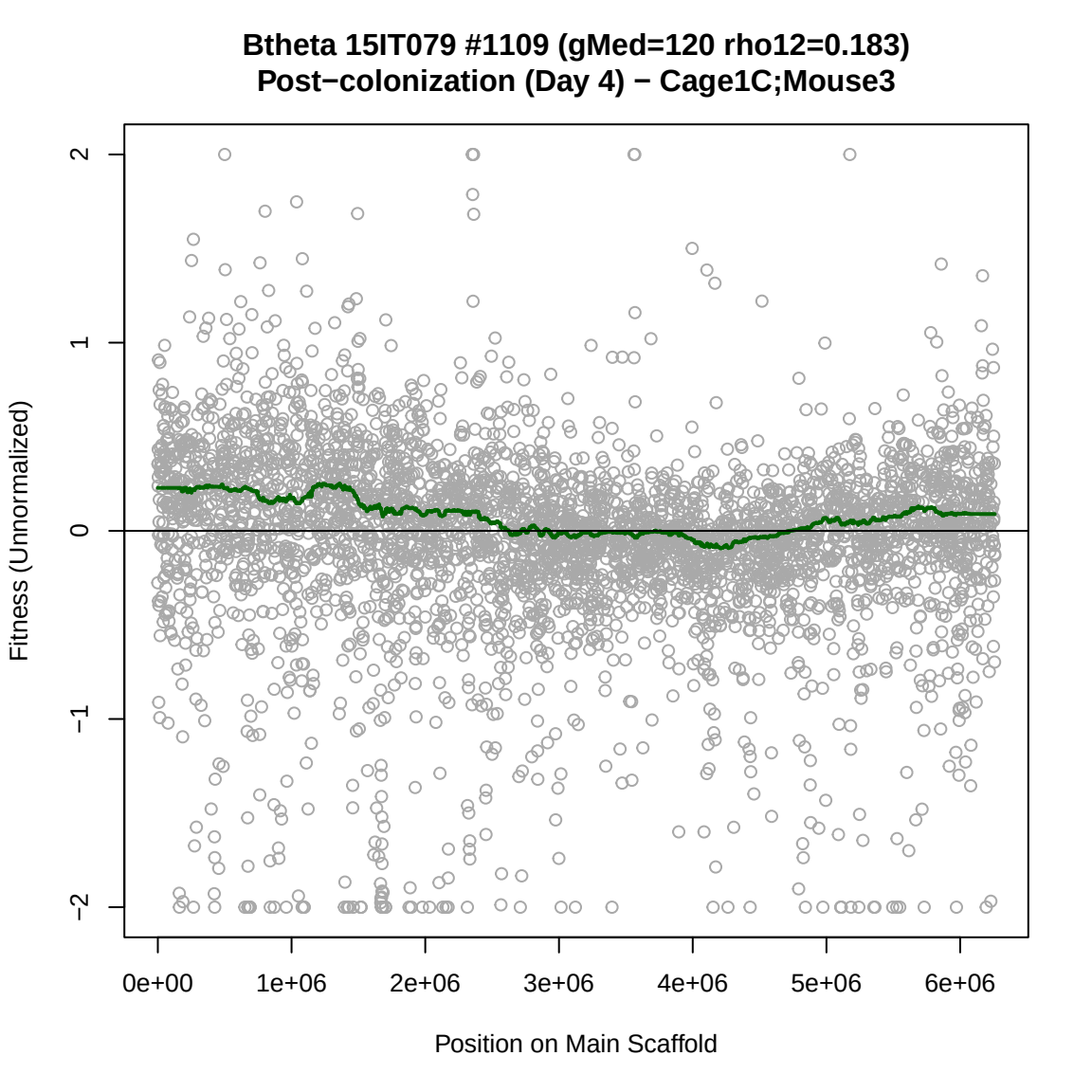

Btheta 15IT070 #1102 (gMed=44 rho12=0.181)
Post−dosage t2 (Day 2) − Cage1C;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

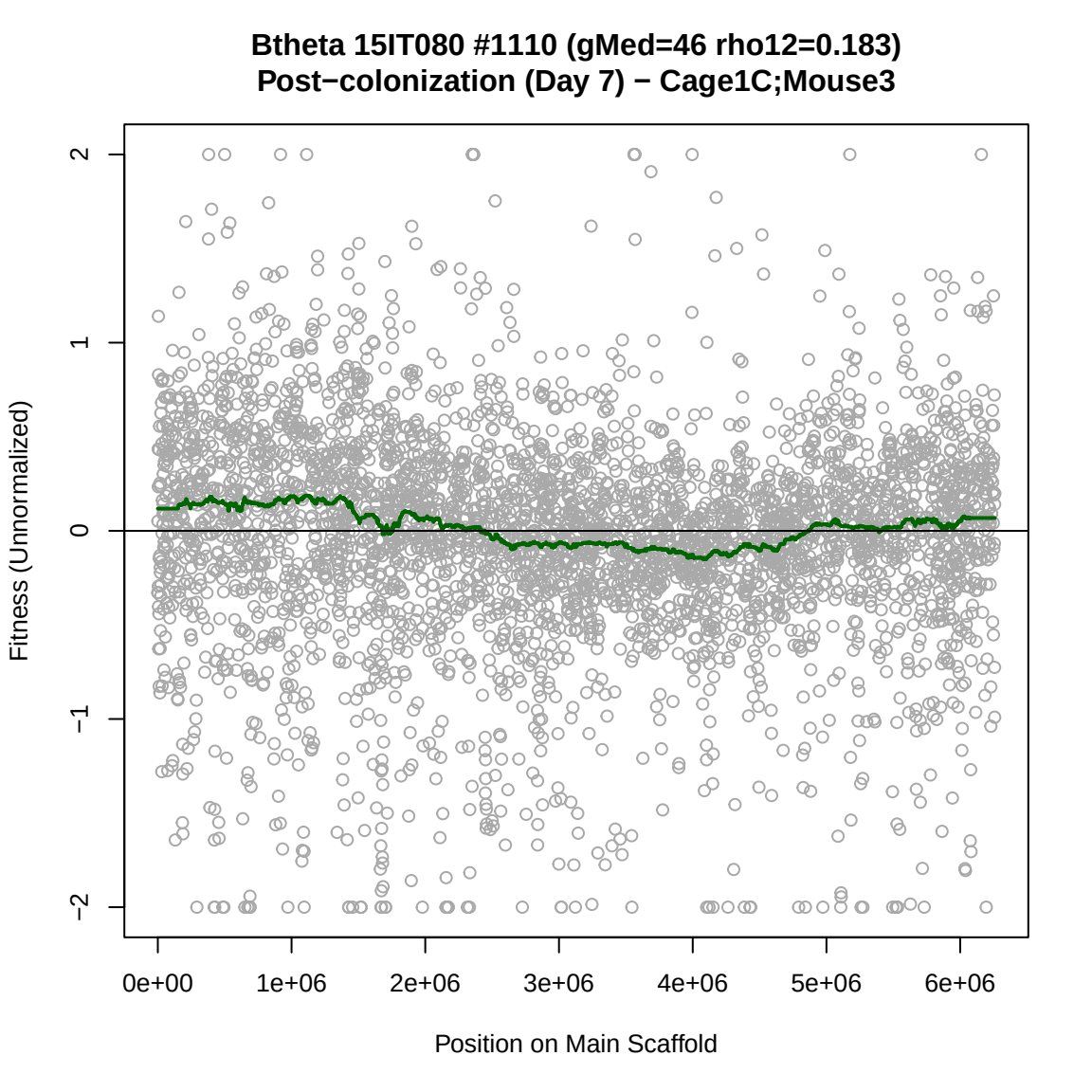

Btheta 15IT071 #1103 (gMed=33 rho12=0.188)
Post−dosage t3 (Day 3) − Cage1C;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

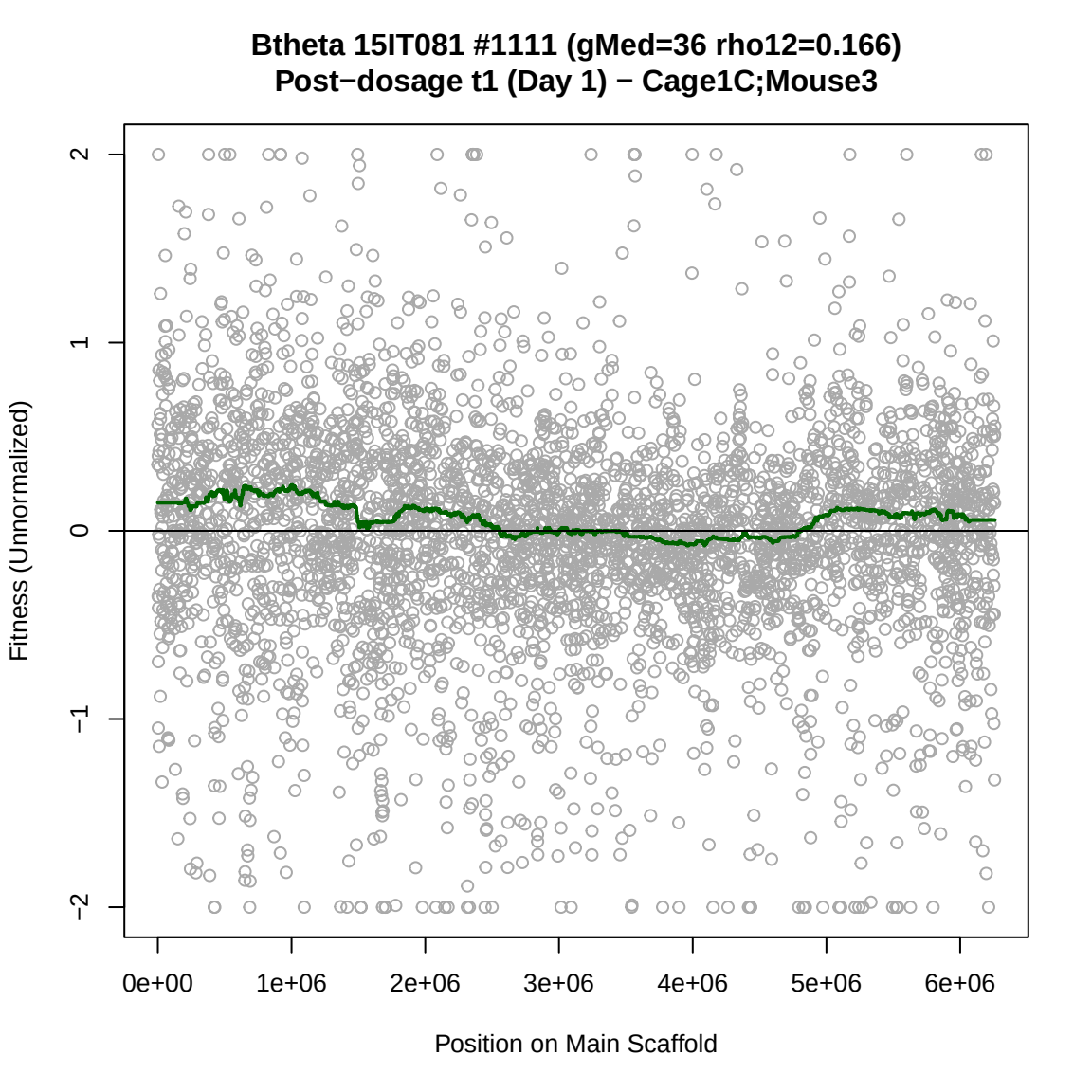

Btheta 15IT073 #1104 (gMed=118 rho12=0.075)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

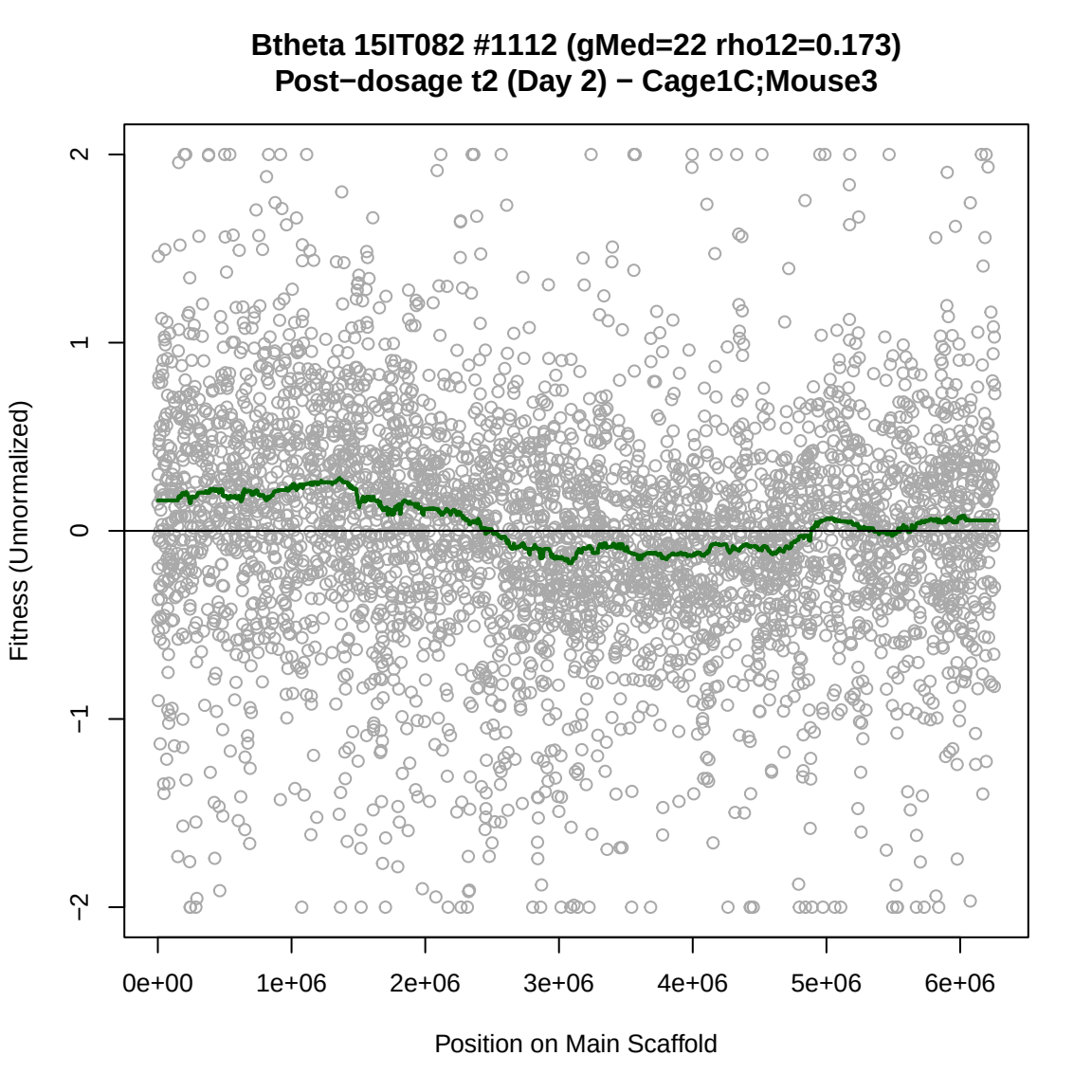

Btheta 15IT074 #1105 (gMed=92 rho12=0.156)
BHIS with DAMPA 60 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

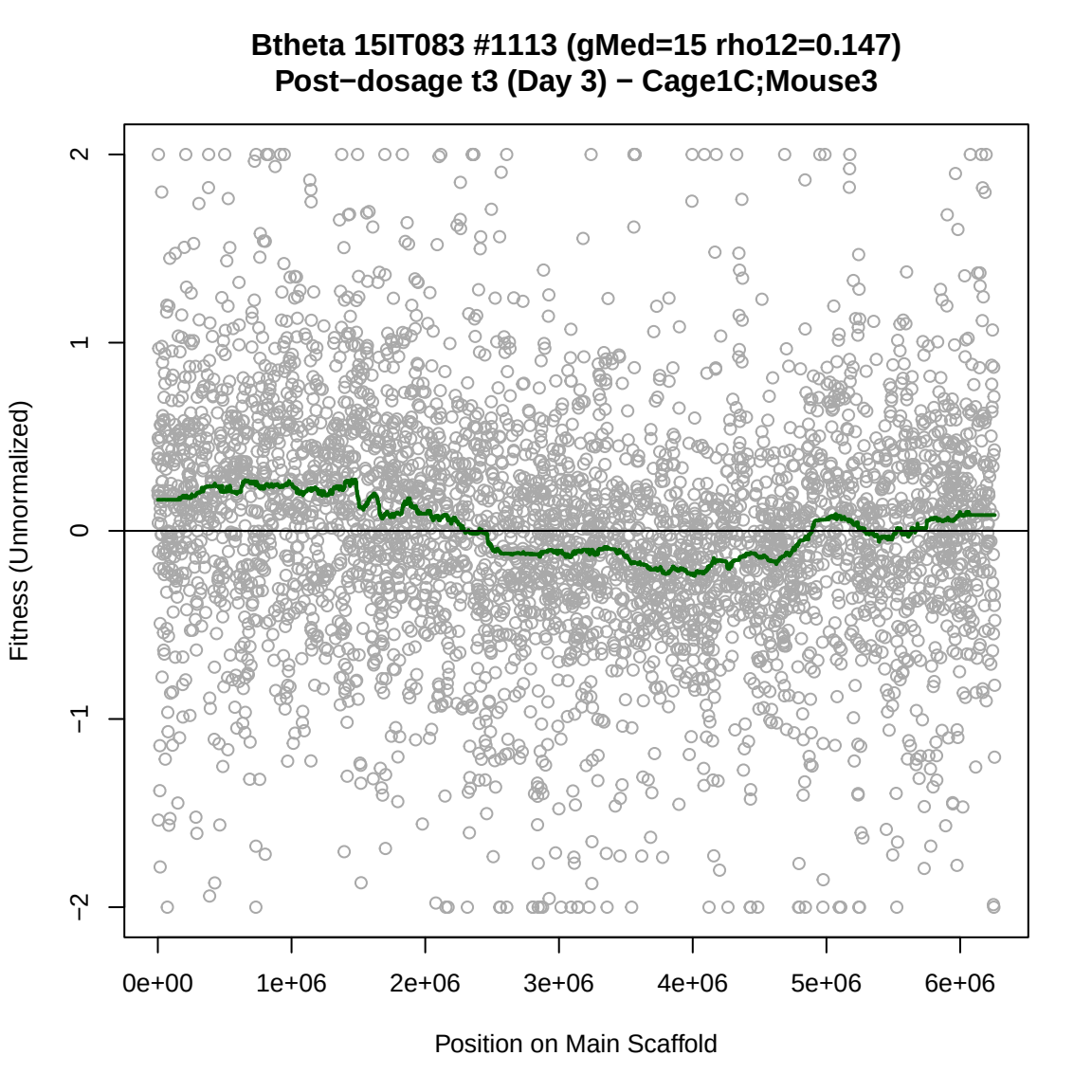

Btheta 15IT078 #1108 (gMed=124 rho12=0.185)
Post−colonization (Day 2) − Cage1C;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

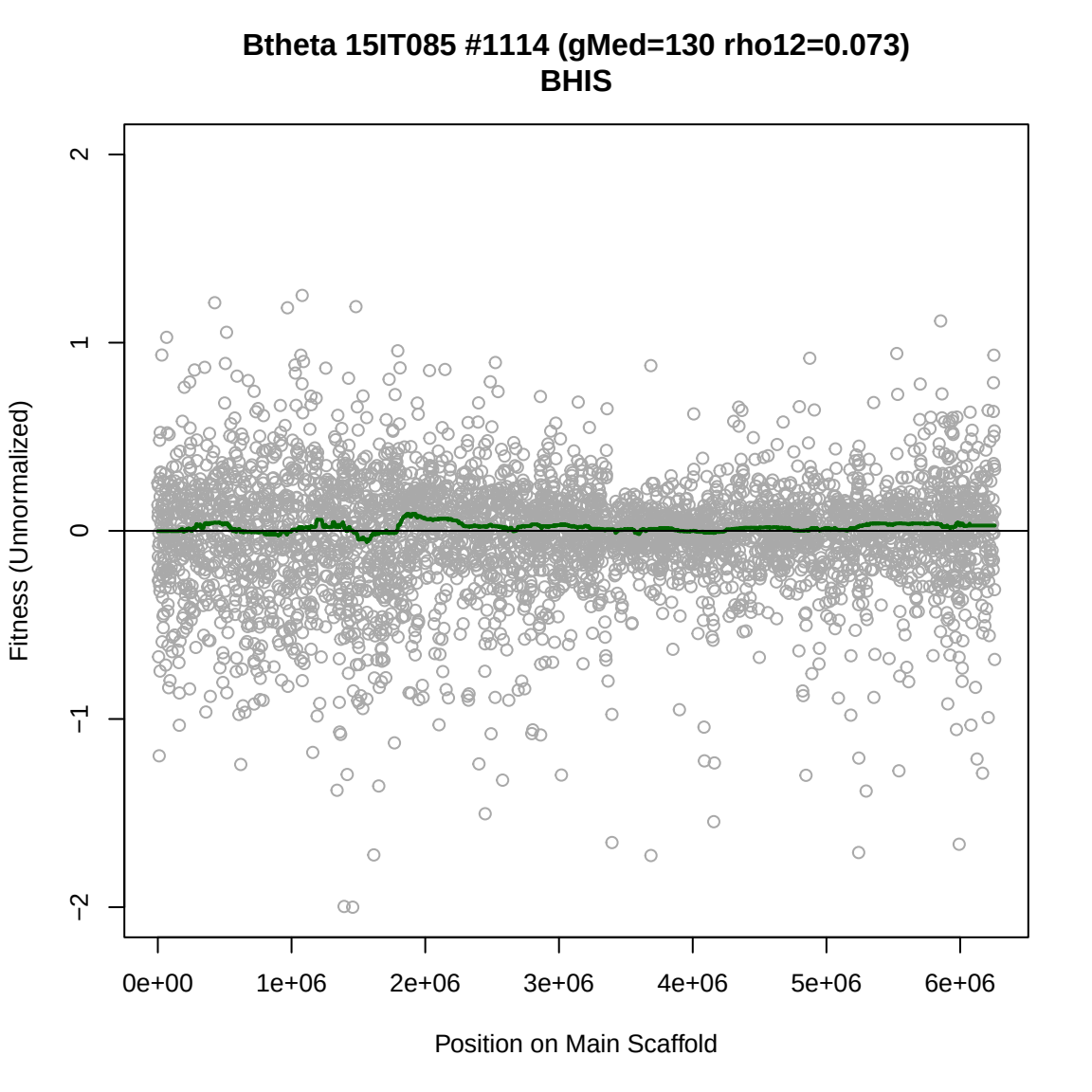

Btheta 15IT079 #1109 (gMed=120 rho12=0.183)
Post−colonization (Day 4) − Cage1C;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

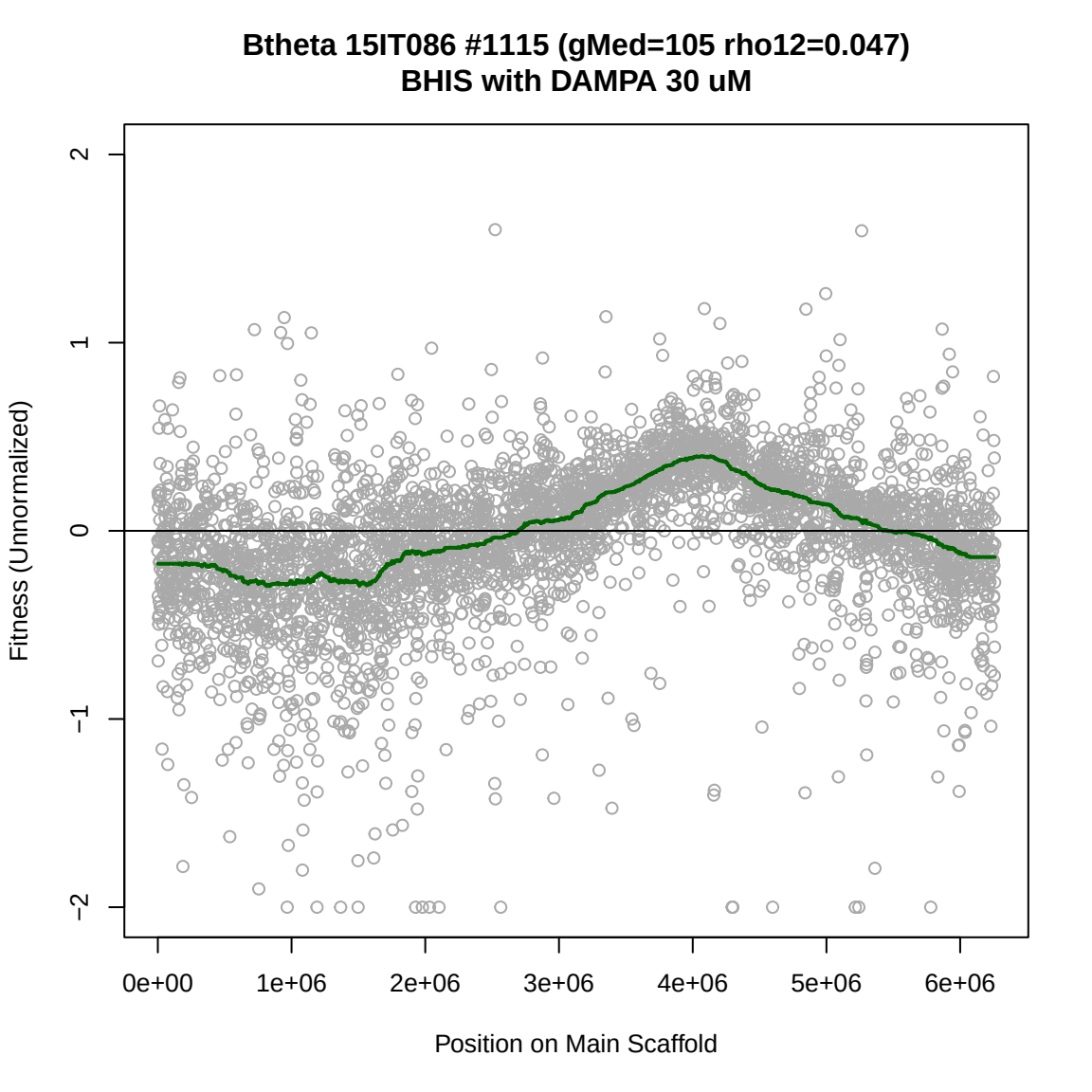

Btheta 15IT080 #1110 (gMed=46 rho12=0.183)
Post−colonization (Day 7) − Cage1C;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

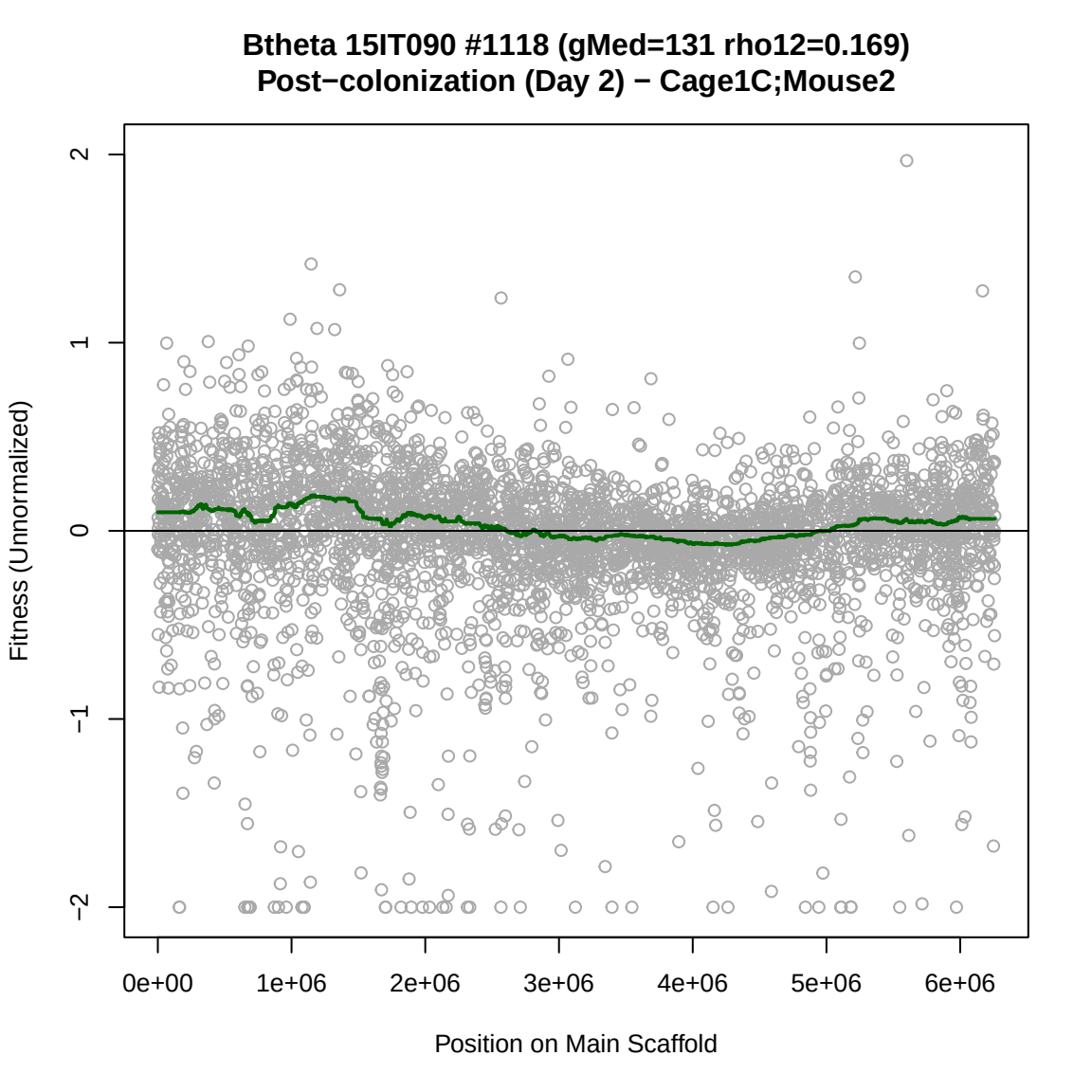

Btheta 15IT081 #1111 (gMed=36 rho12=0.166)
Post−dosage t1 (Day 1) − Cage1C;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

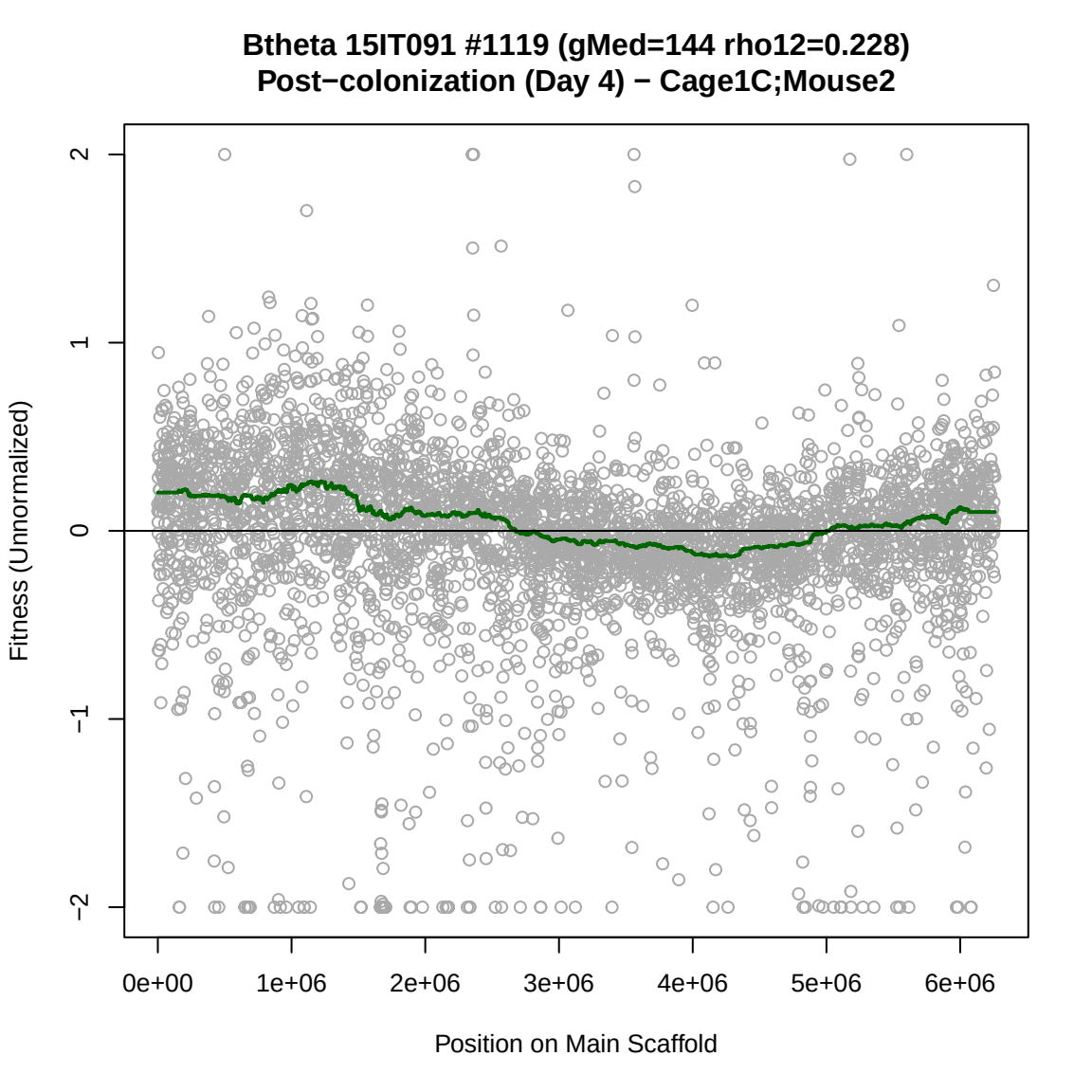

Btheta 15IT082 #1112 (gMed=22 rho12=0.173)
Post−dosage t2 (Day 2) − Cage1C;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

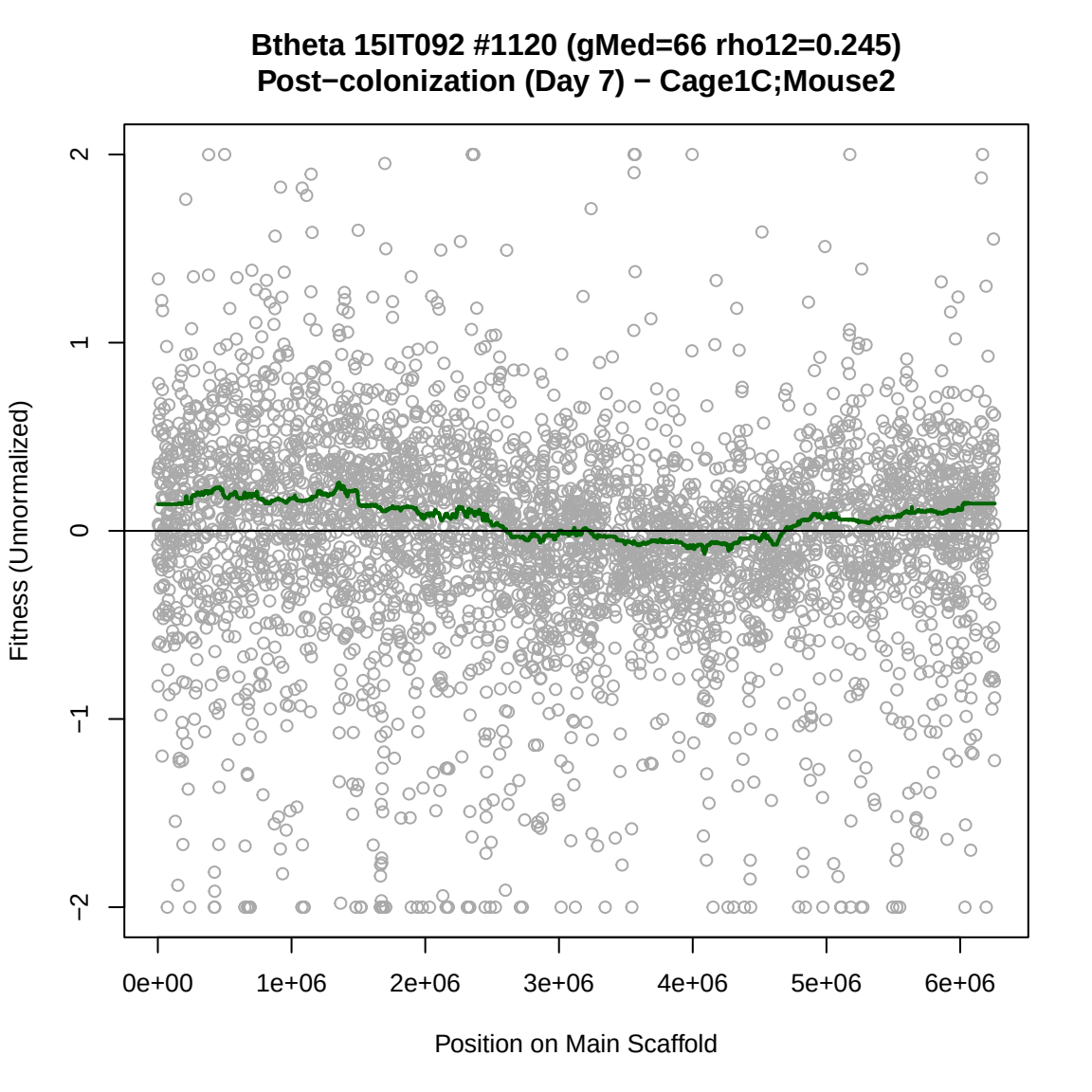

Btheta 15IT083 #1113 (gMed=15 rho12=0.147)
Post−dosage t3 (Day 3) − Cage1C;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

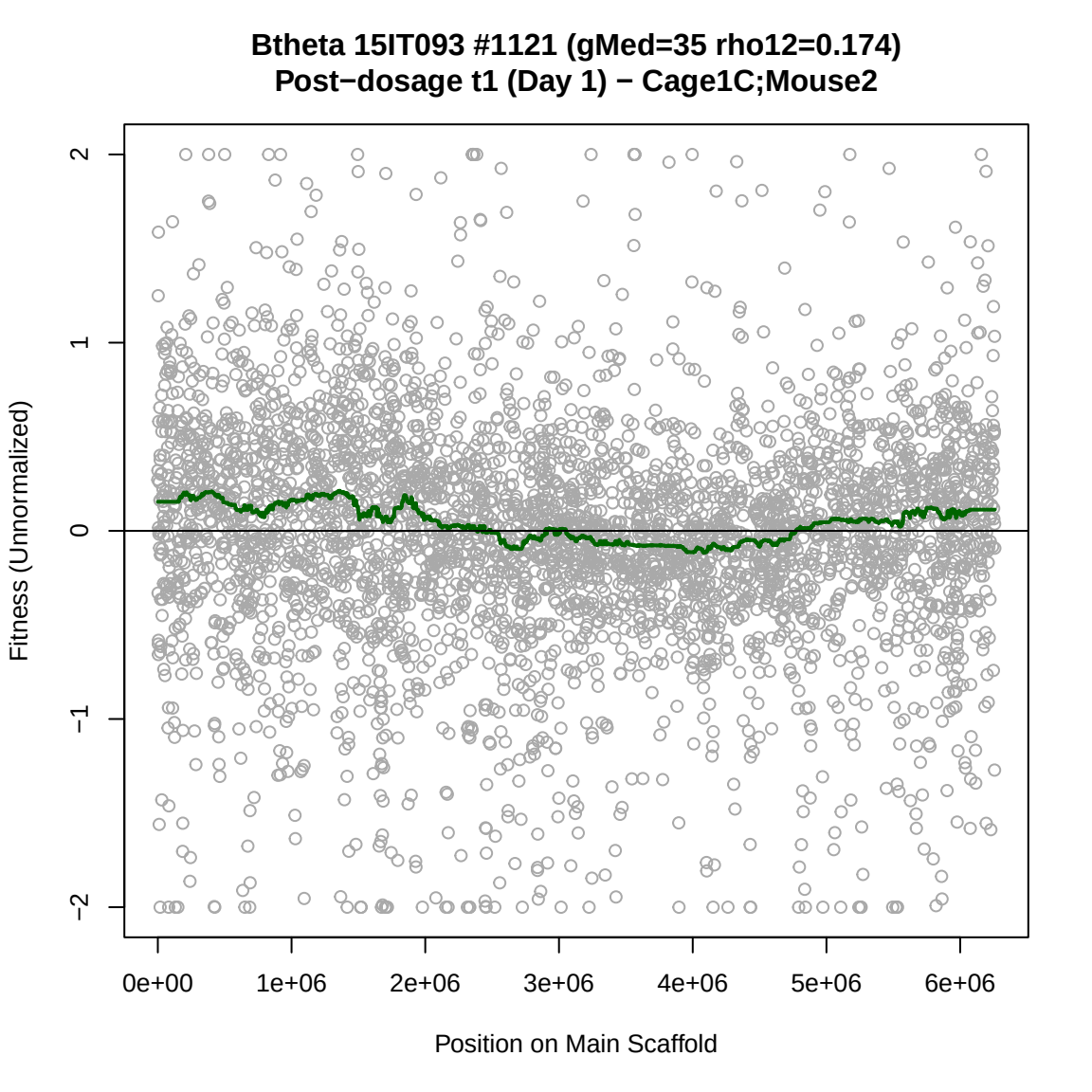

Btheta 15IT085 #1114 (gMed=130 rho12=0.073)
BHIS
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

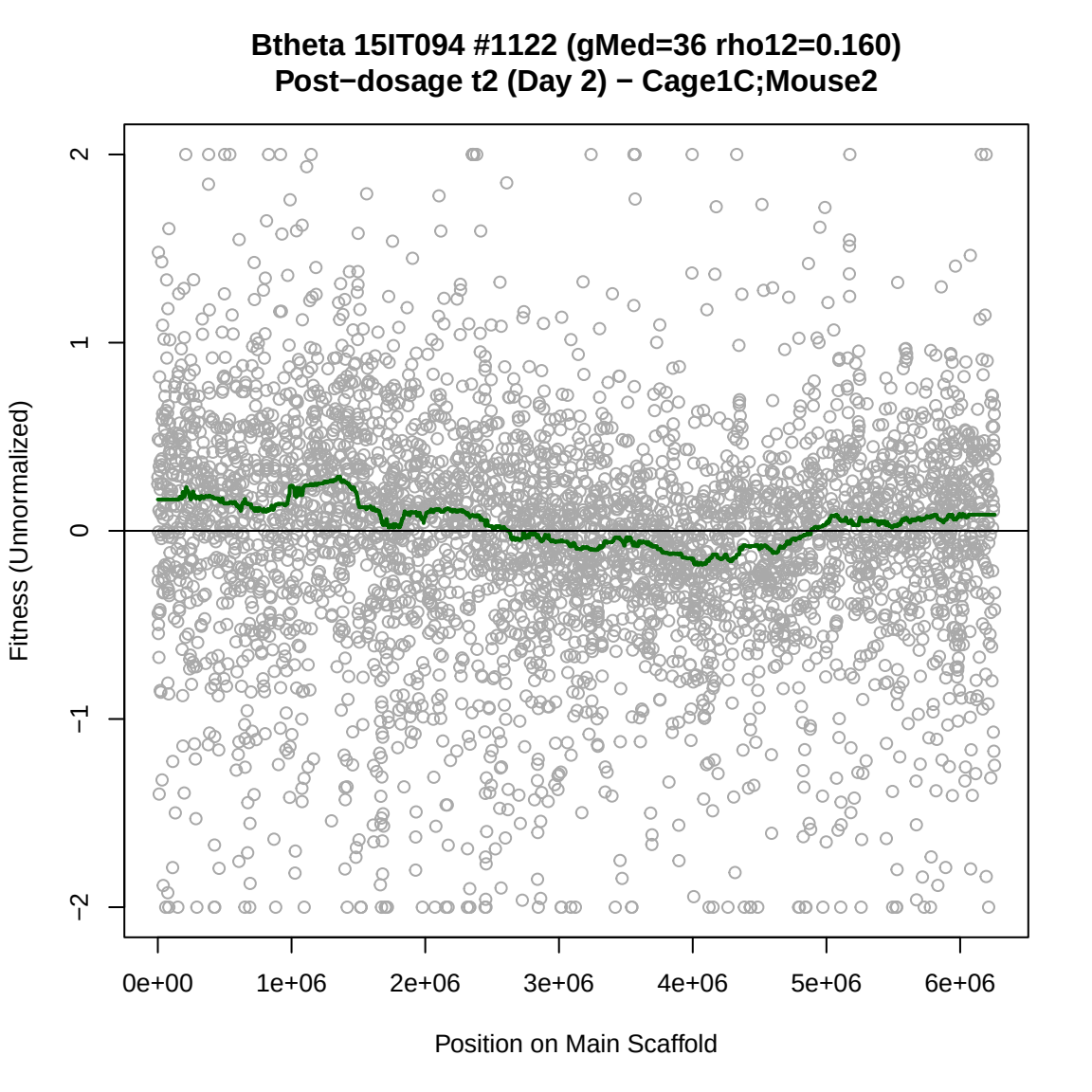

Btheta 15IT086 #1115 (gMed=105 rho12=0.047)
BHIS with DAMPA 30 uM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

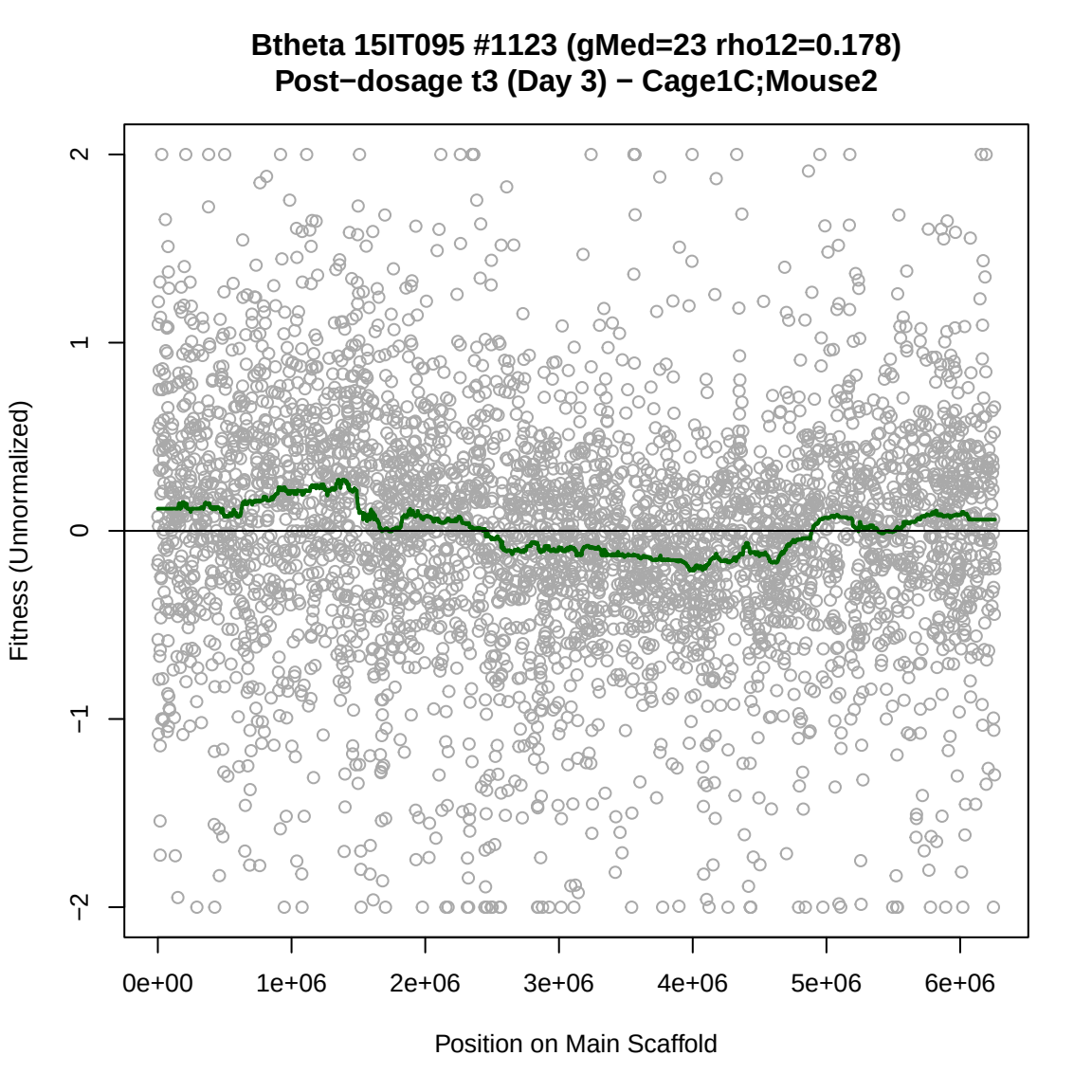

Btheta 15IT090 #1118 (gMed=131 rho12=0.169)
Post−colonization (Day 2) − Cage1C;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

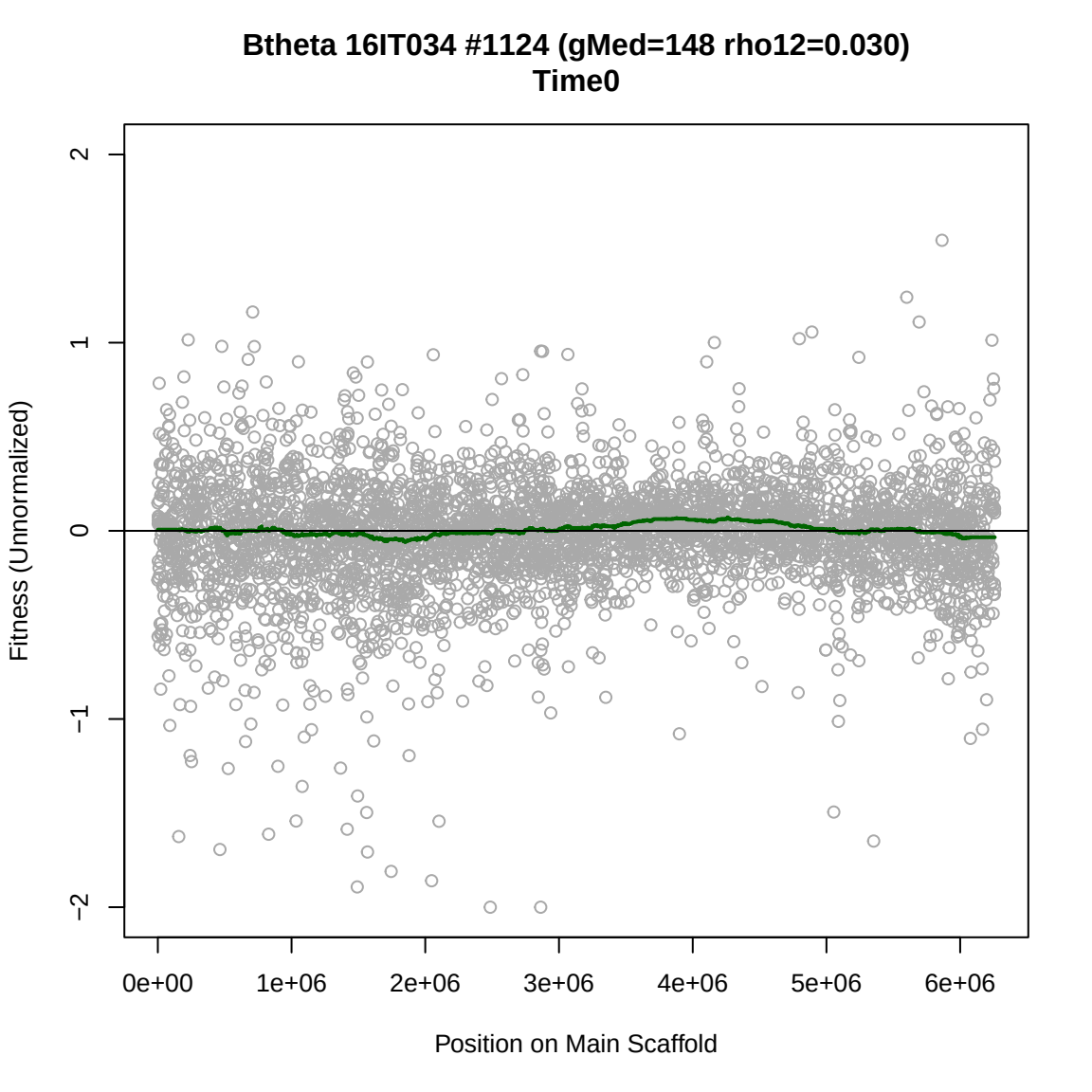

Btheta 15IT091 #1119 (gMed=144 rho12=0.228)
Post−colonization (Day 4) − Cage1C;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

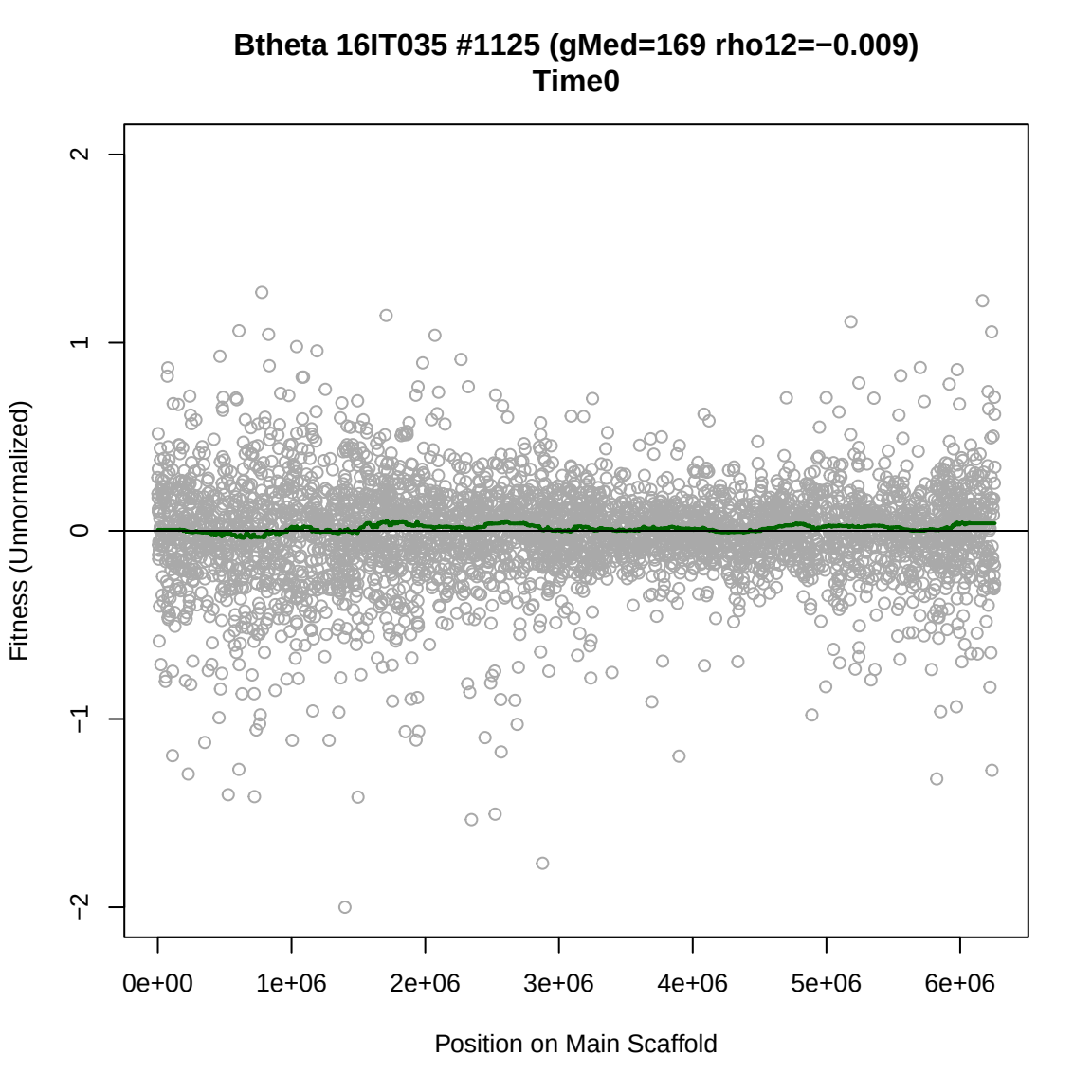

Btheta 15IT092 #1120 (gMed=66 rho12=0.245)
Post−colonization (Day 7) − Cage1C;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

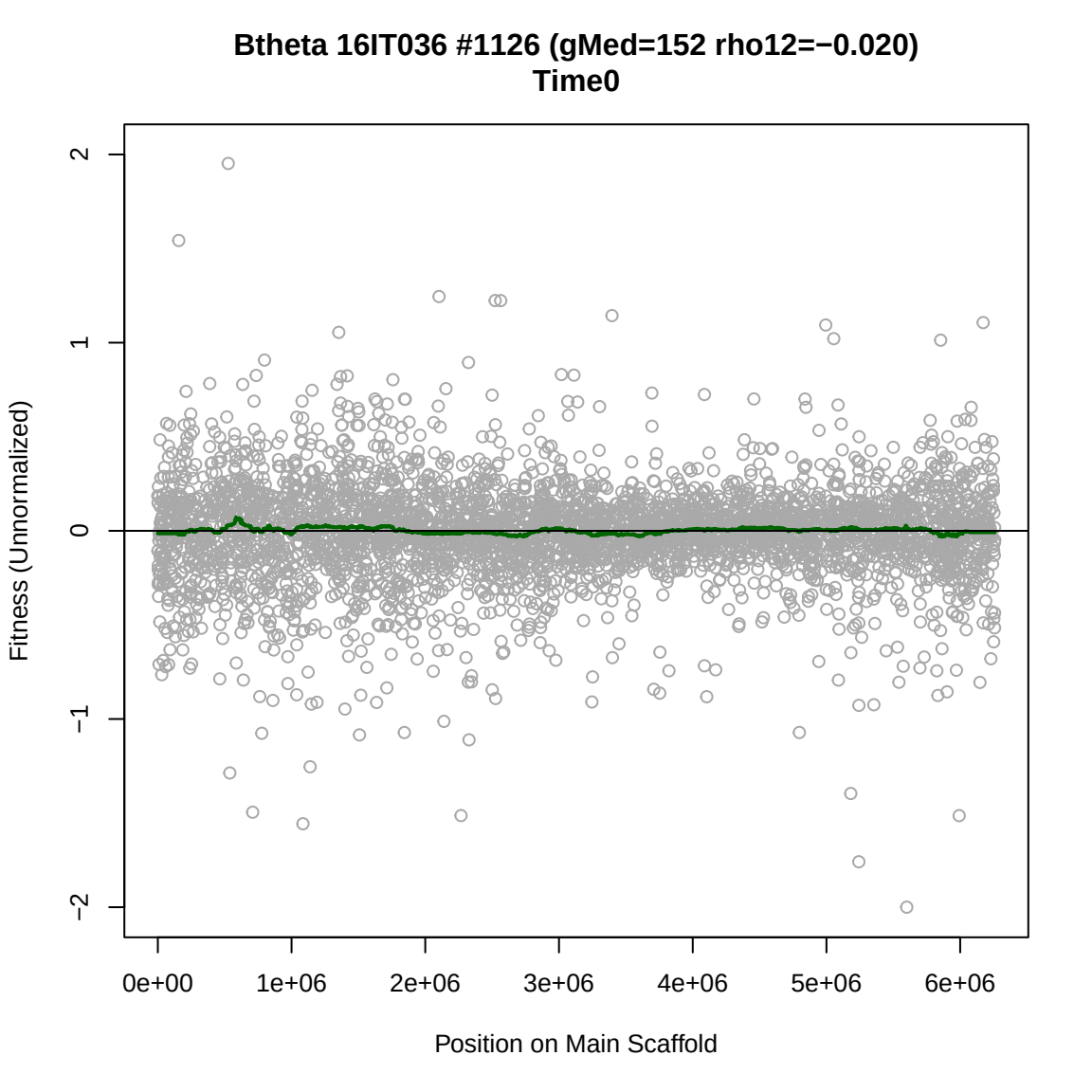

Btheta 15IT093 #1121 (gMed=35 rho12=0.174)
Post−dosage t1 (Day 1) − Cage1C;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

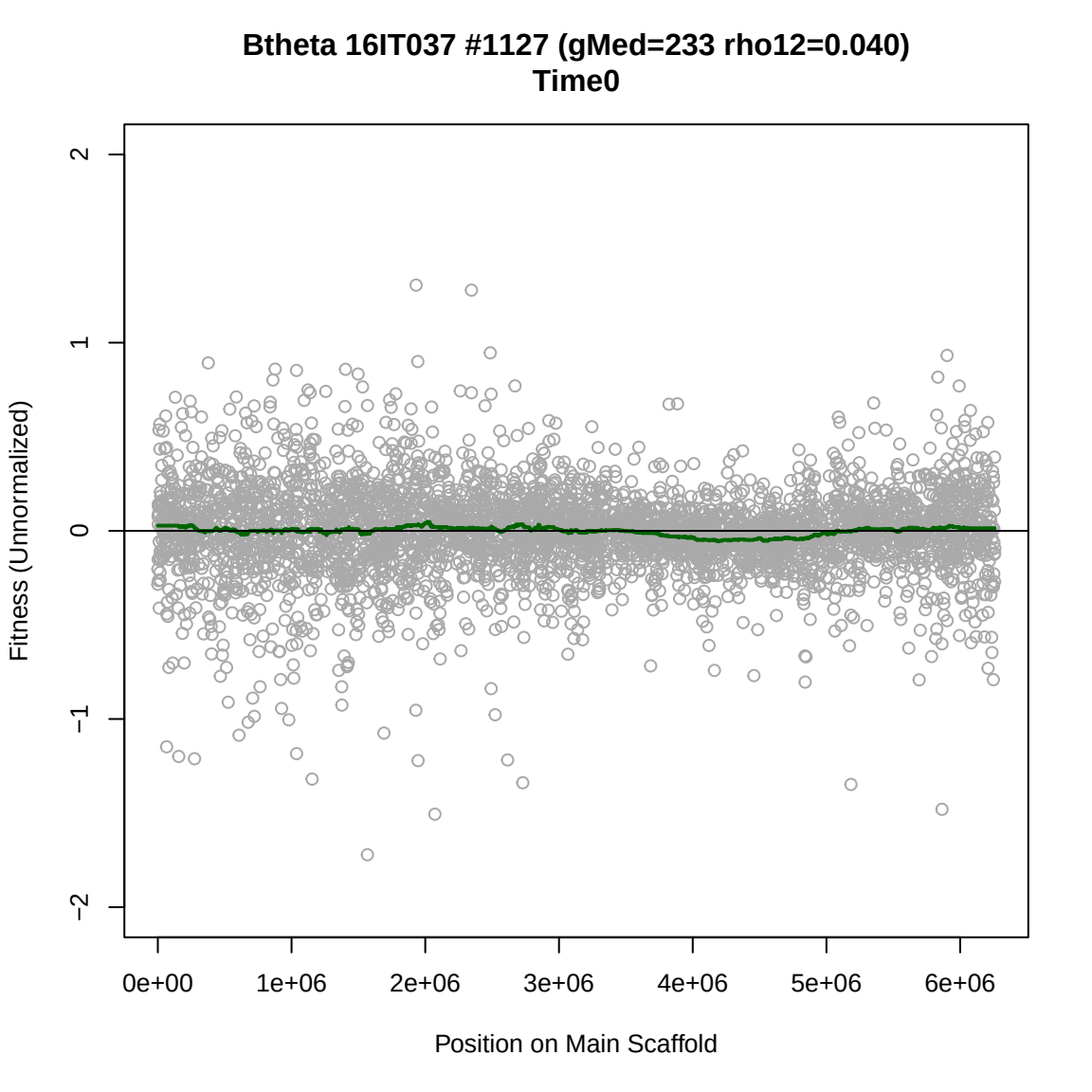

Btheta 15IT094 #1122 (gMed=36 rho12=0.160)
Post−dosage t2 (Day 2) − Cage1C;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

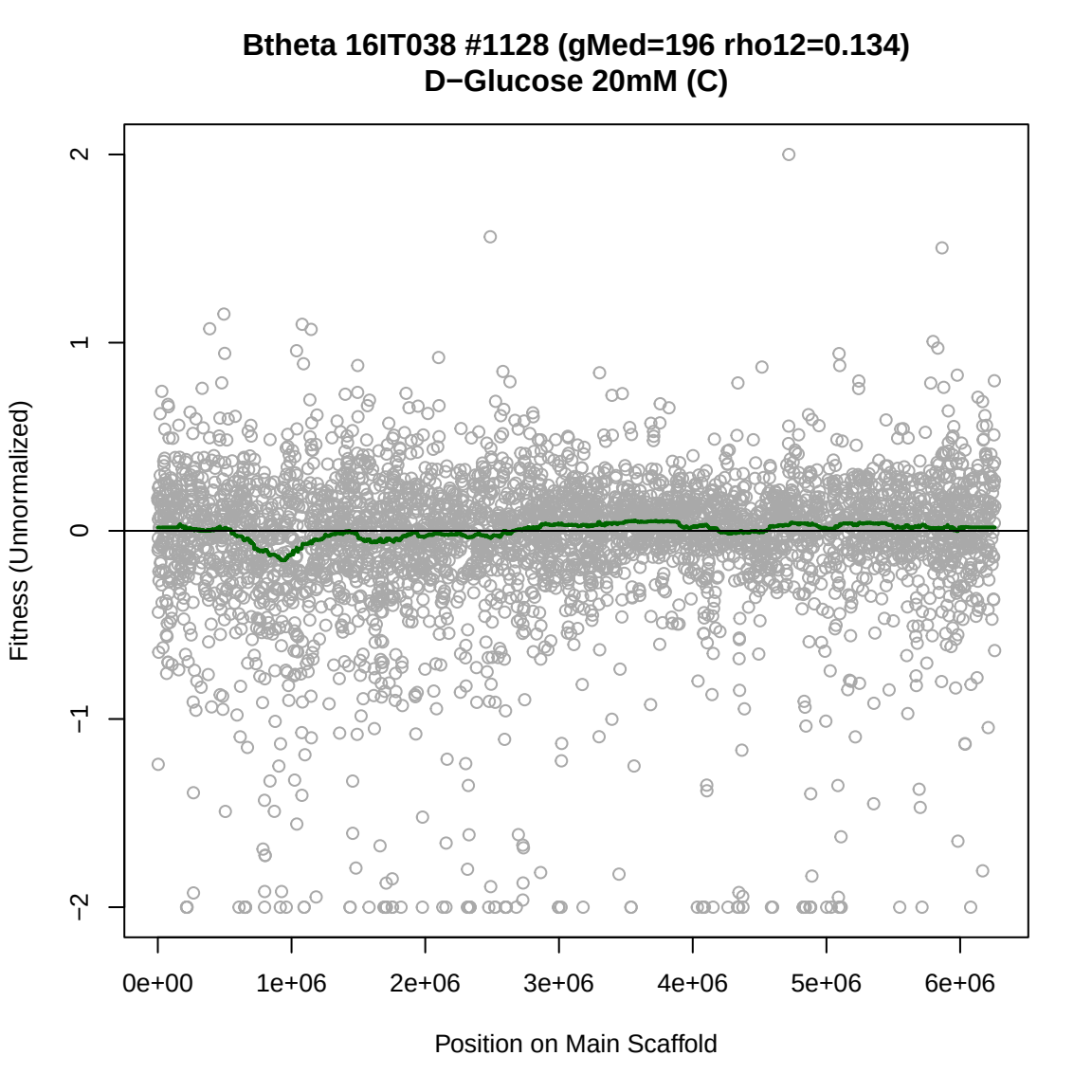

Btheta 15IT095 #1123 (gMed=23 rho12=0.178)
Post−dosage t3 (Day 3) − Cage1C;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

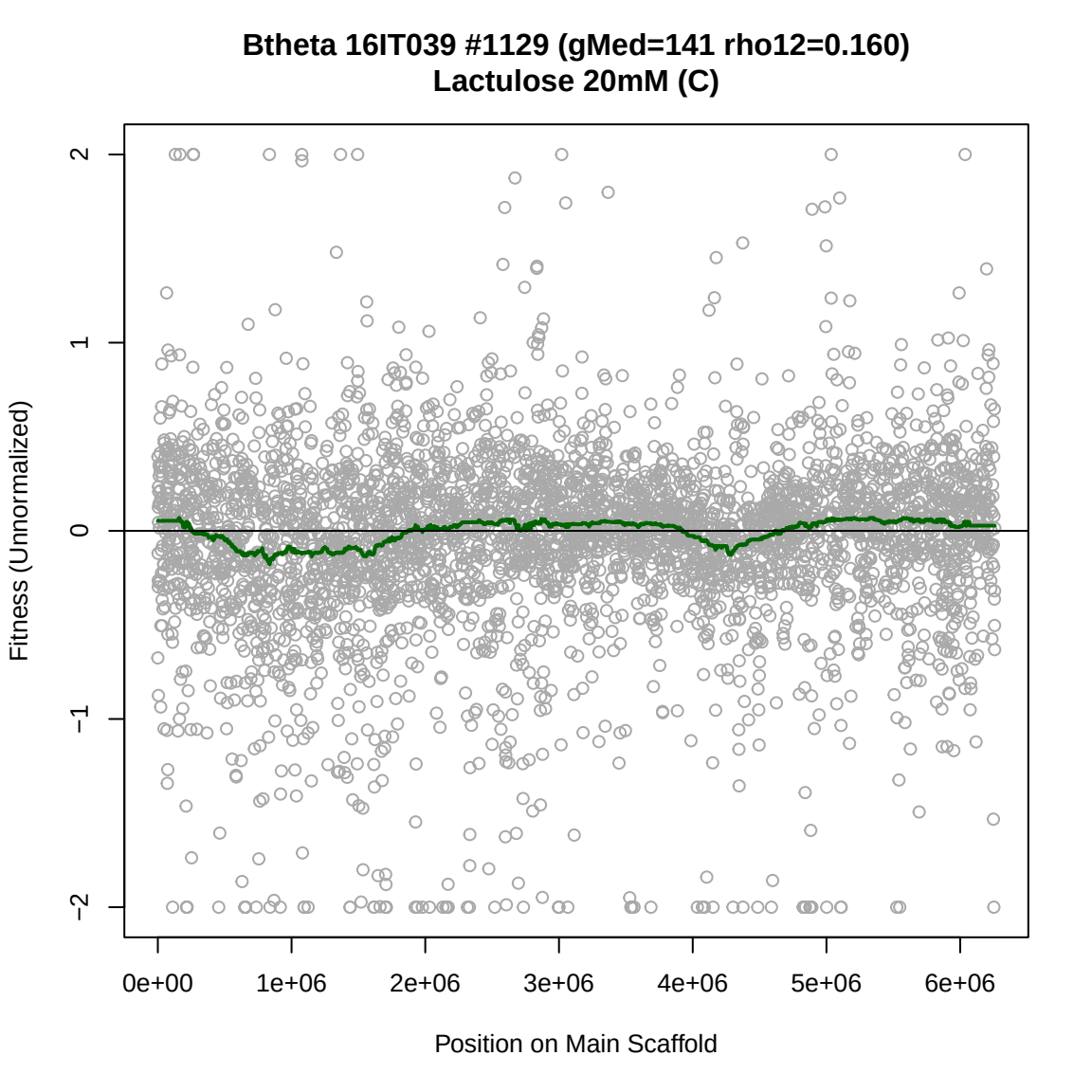

Btheta 16IT034 #1124 (gMed=148 rho12=0.030)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

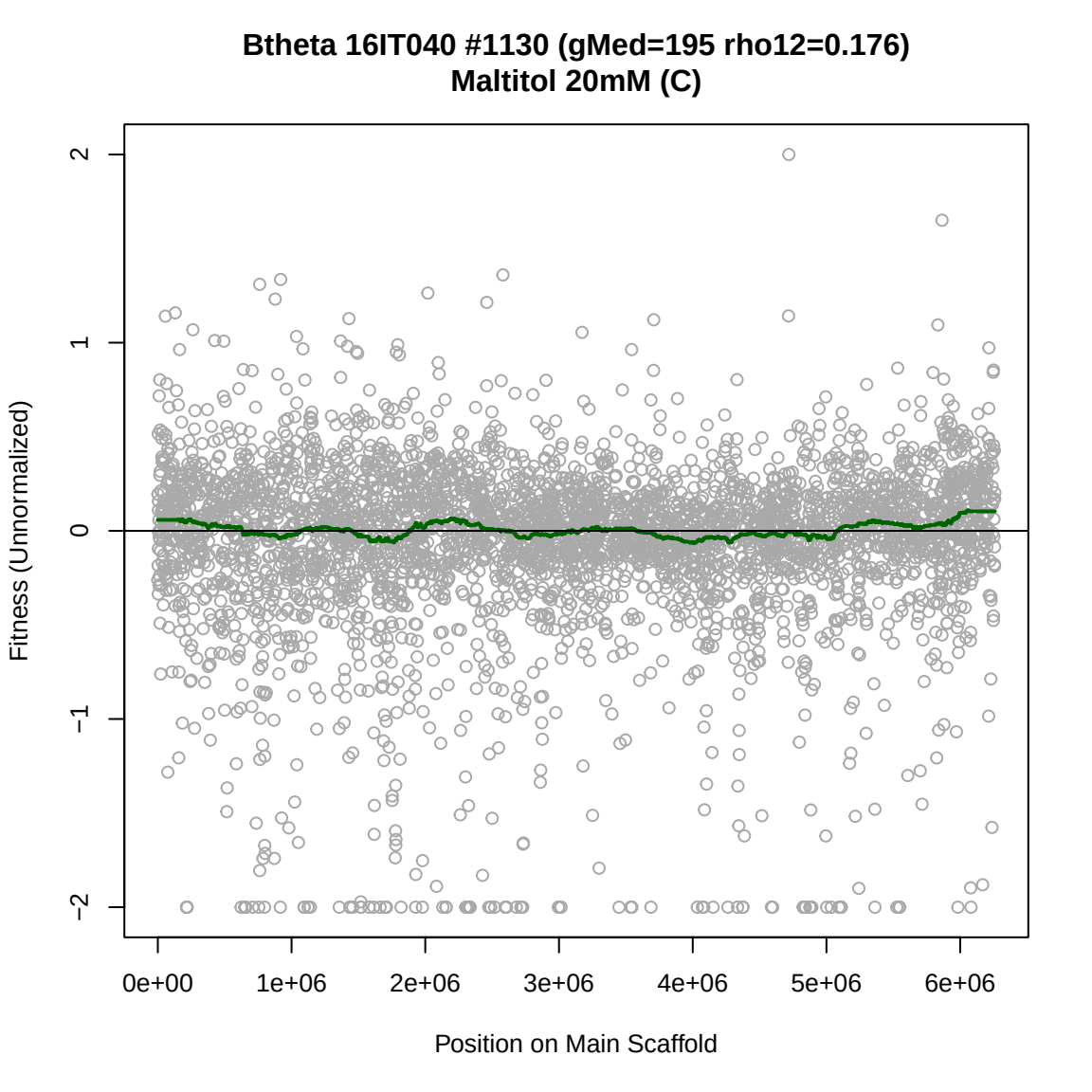

Btheta 16IT035 #1125 (gMed=169 rho12=−0.009)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

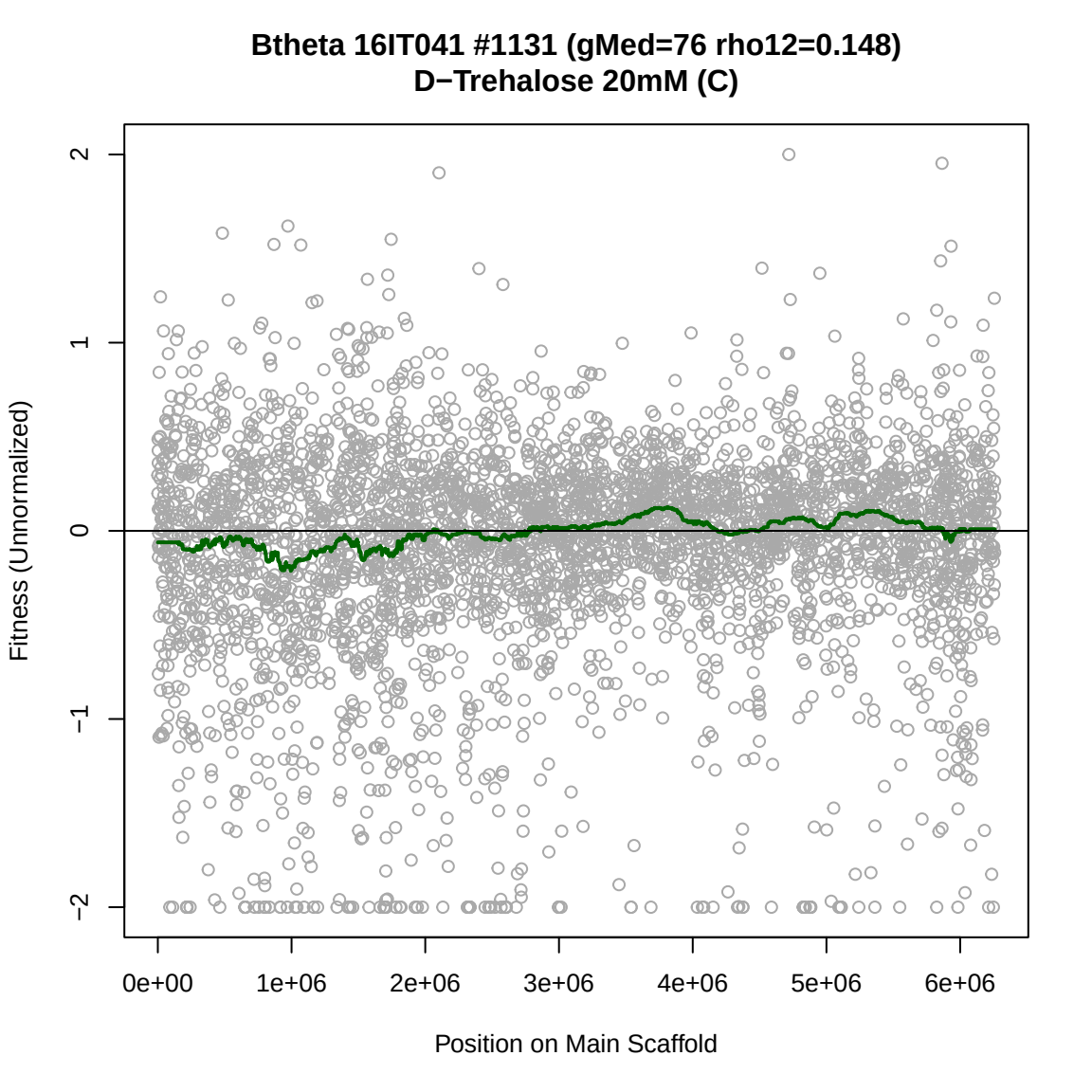

Btheta 16IT036 #1126 (gMed=152 rho12=−0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

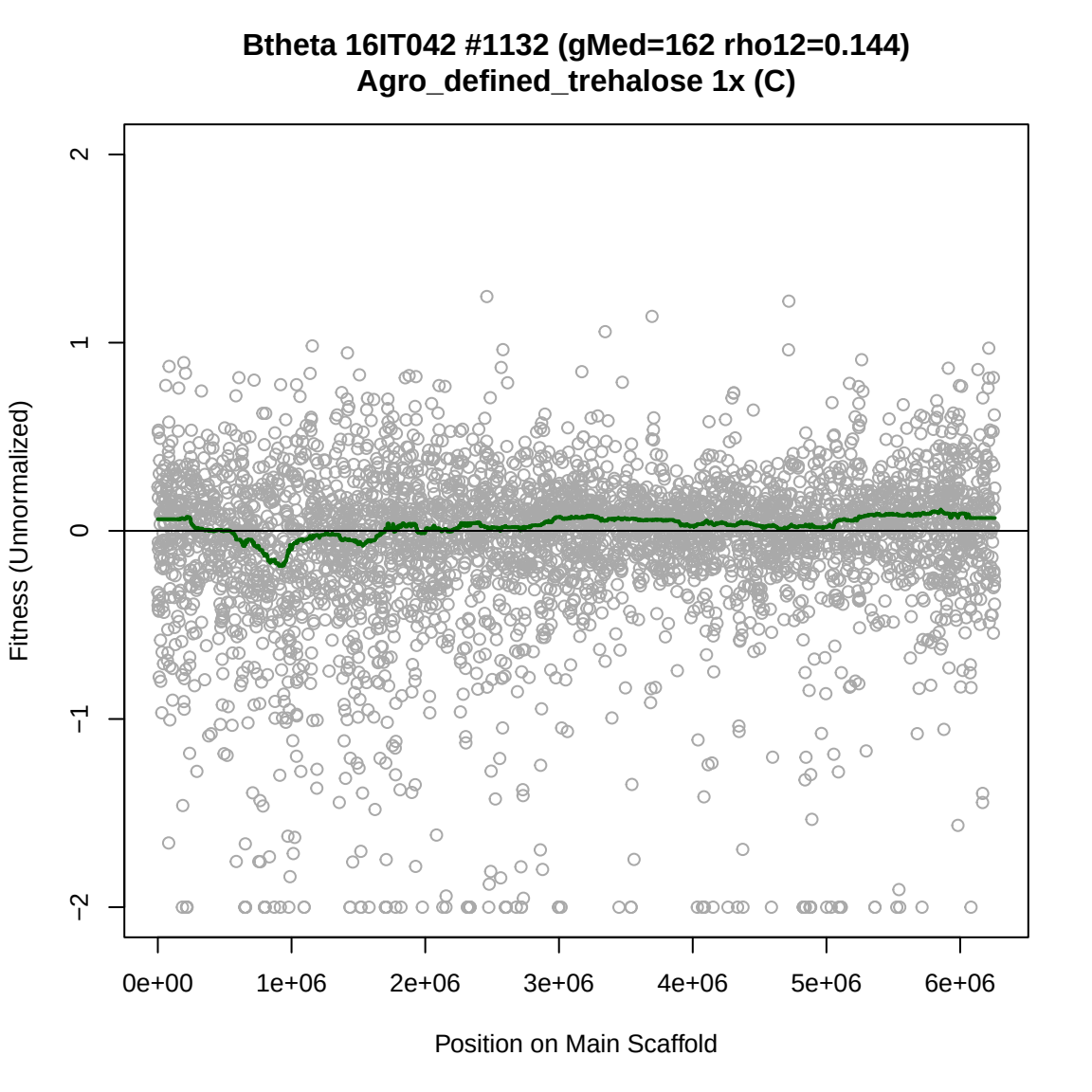

Btheta 16IT037 #1127 (gMed=233 rho12=0.040)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

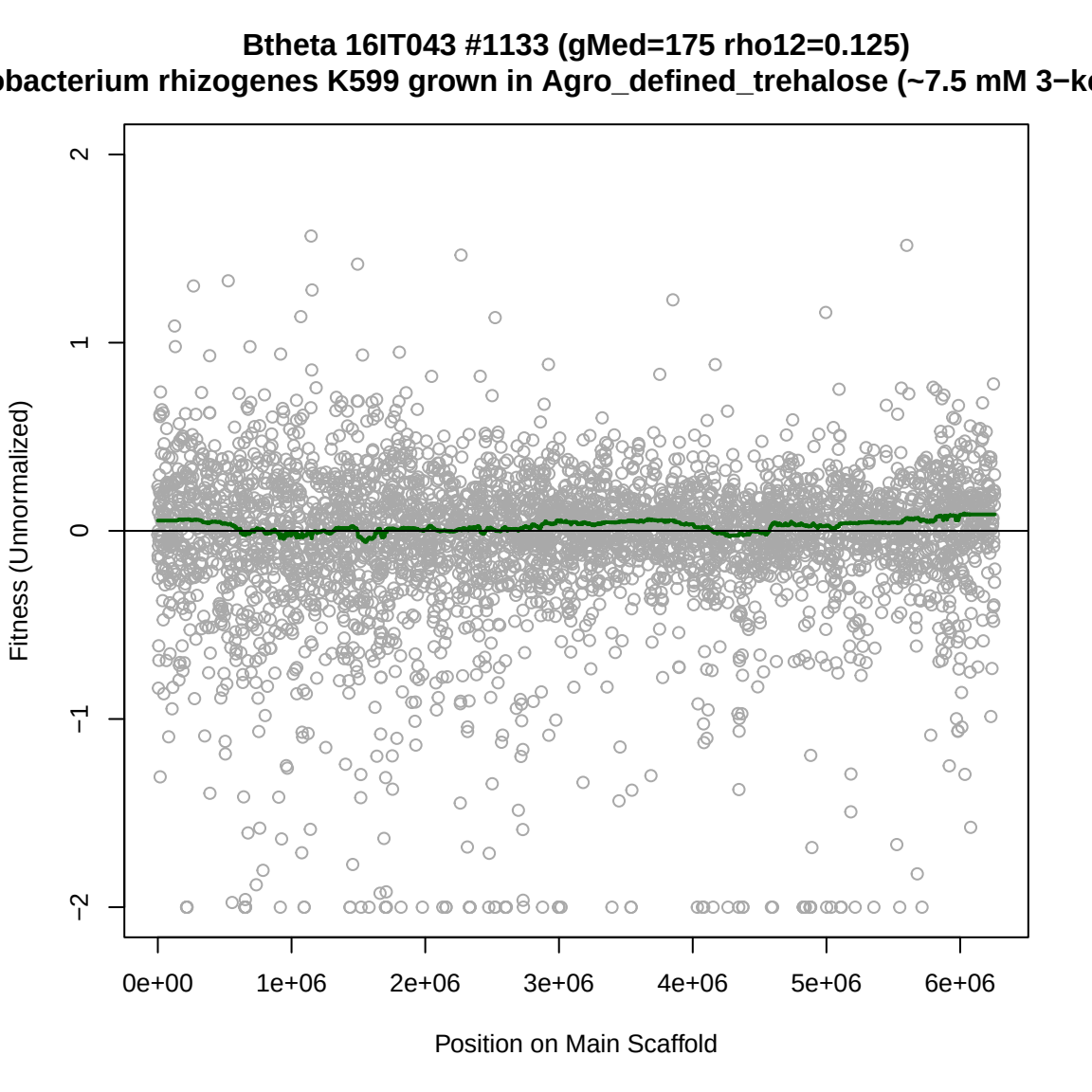

Btheta 16IT038 #1128 (gMed=196 rho12=0.134)
D−Glucose 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

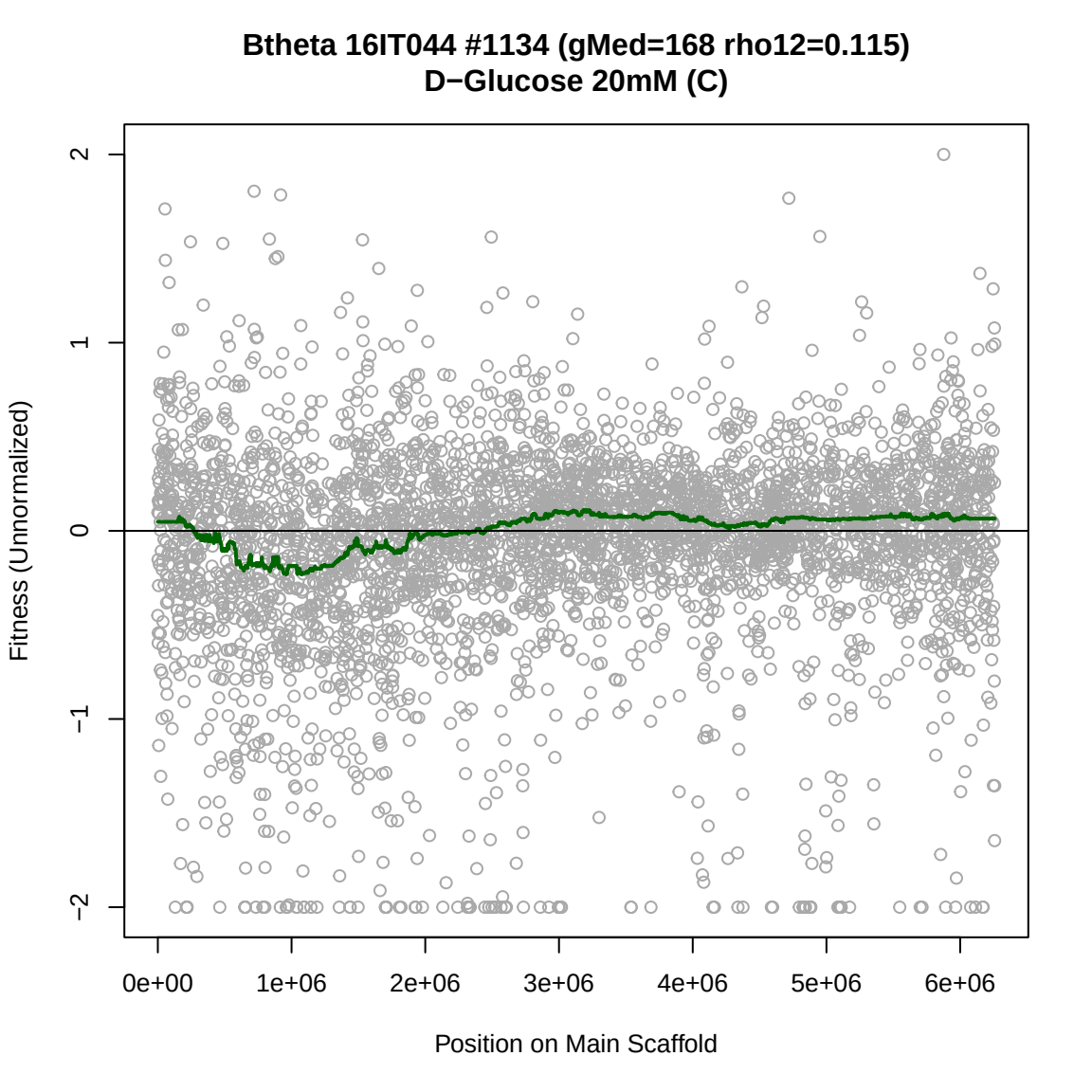

Btheta 16IT039 #1129 (gMed=141 rho12=0.160)
Lactulose 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

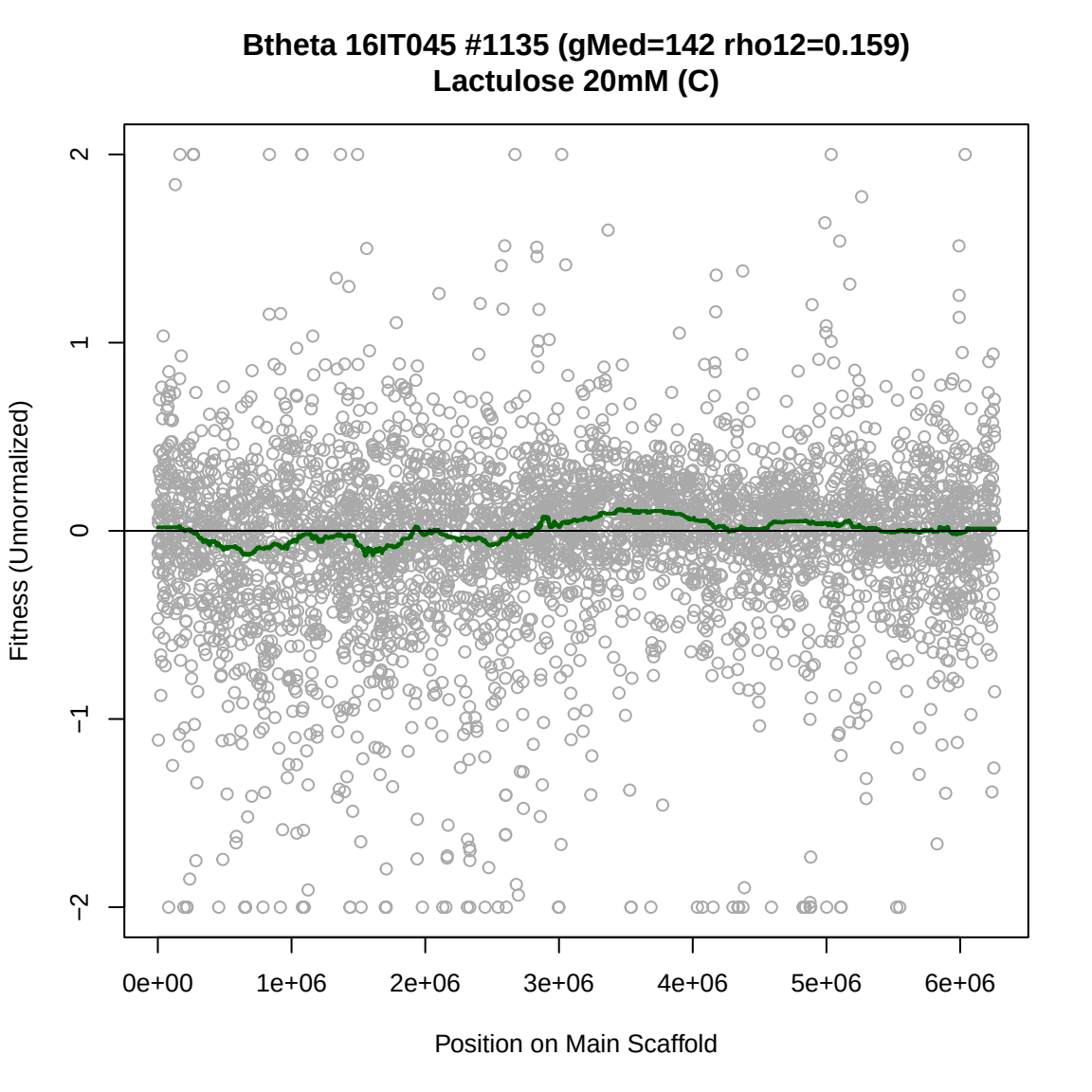

Btheta 16IT040 #1130 (gMed=195 rho12=0.176)
Maltitol 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

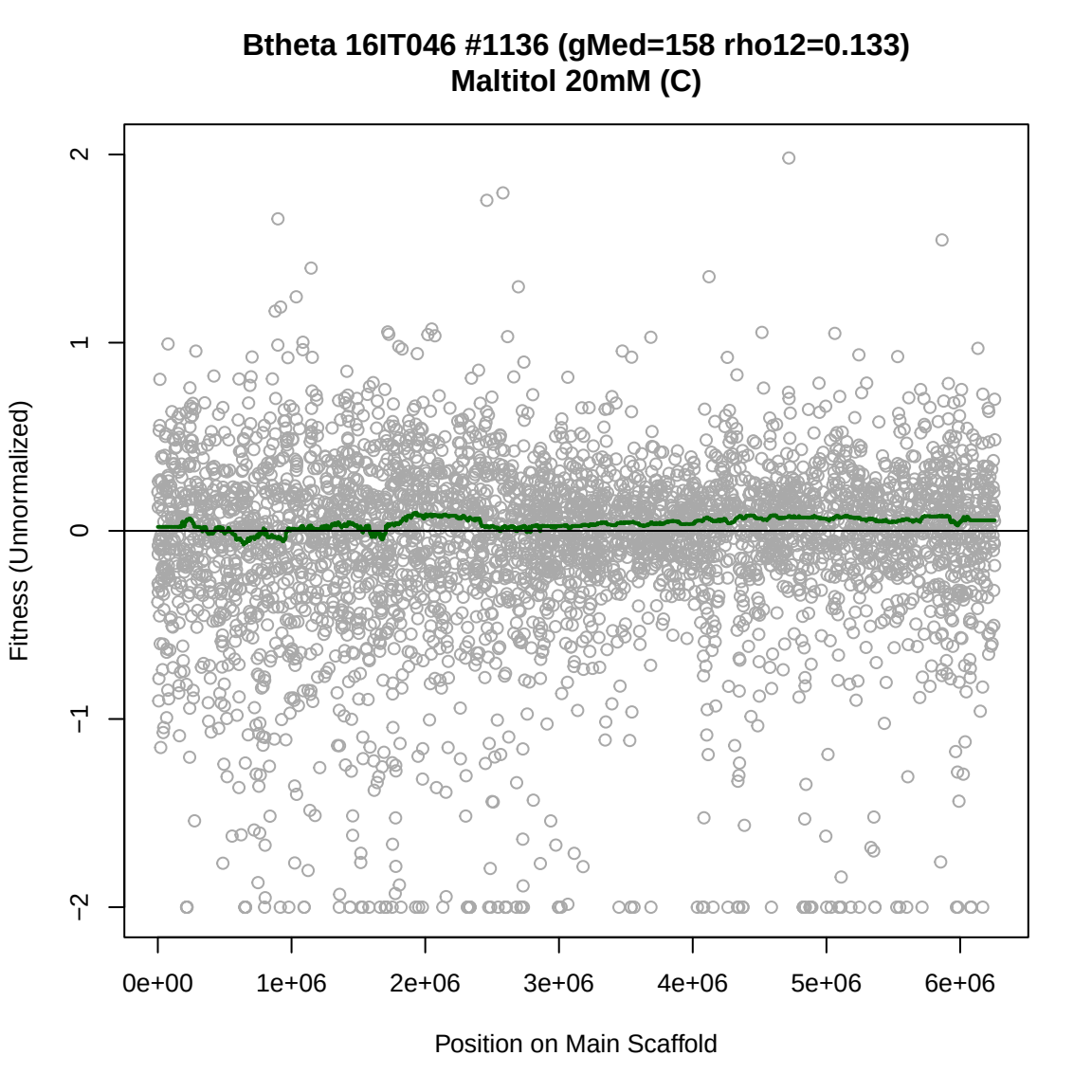

Btheta 16IT041 #1131 (gMed=76 rho12=0.148)
D−Trehalose 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

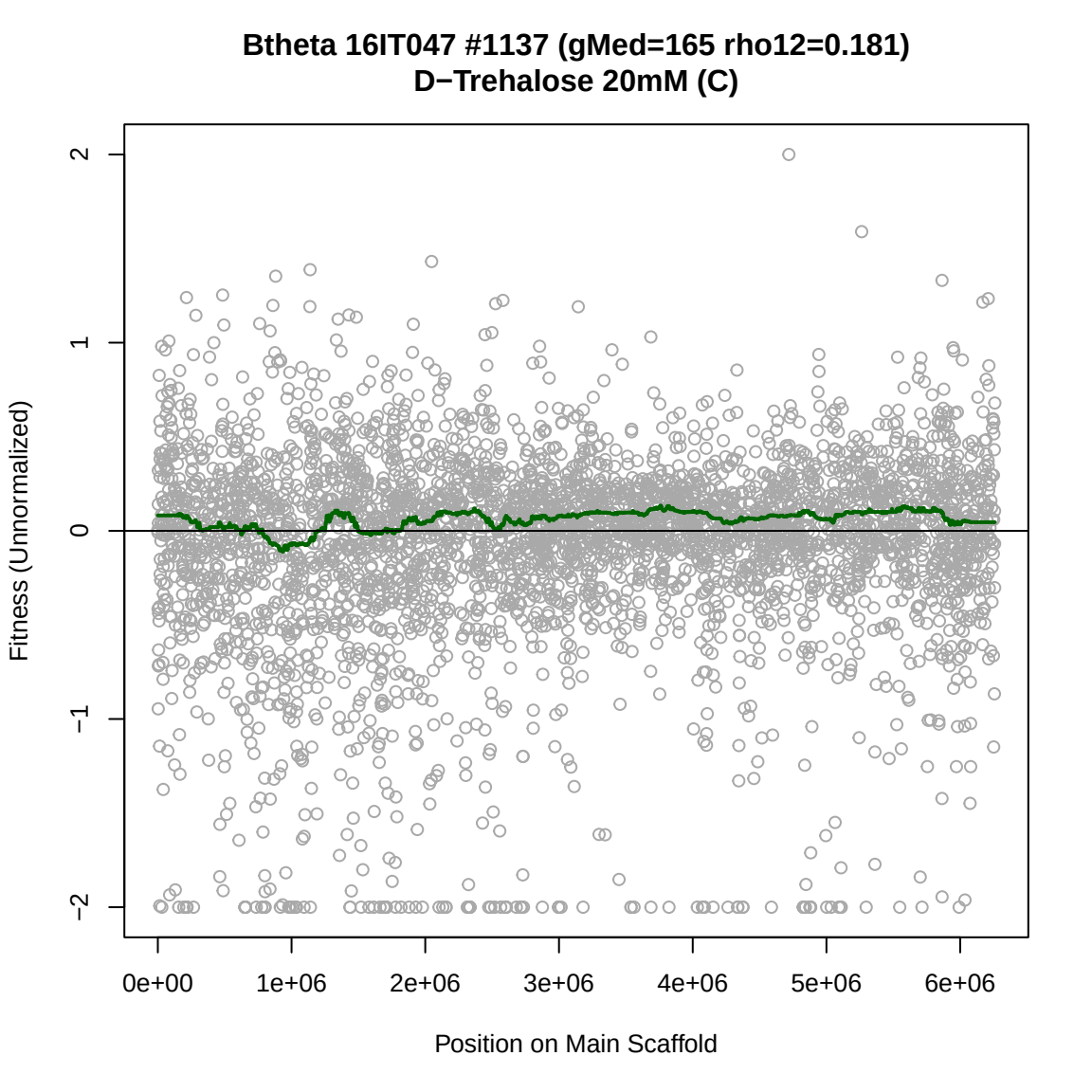

Btheta 16IT042 #1132 (gMed=162 rho12=0.144)
Agro_defined_trehalose 1x (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

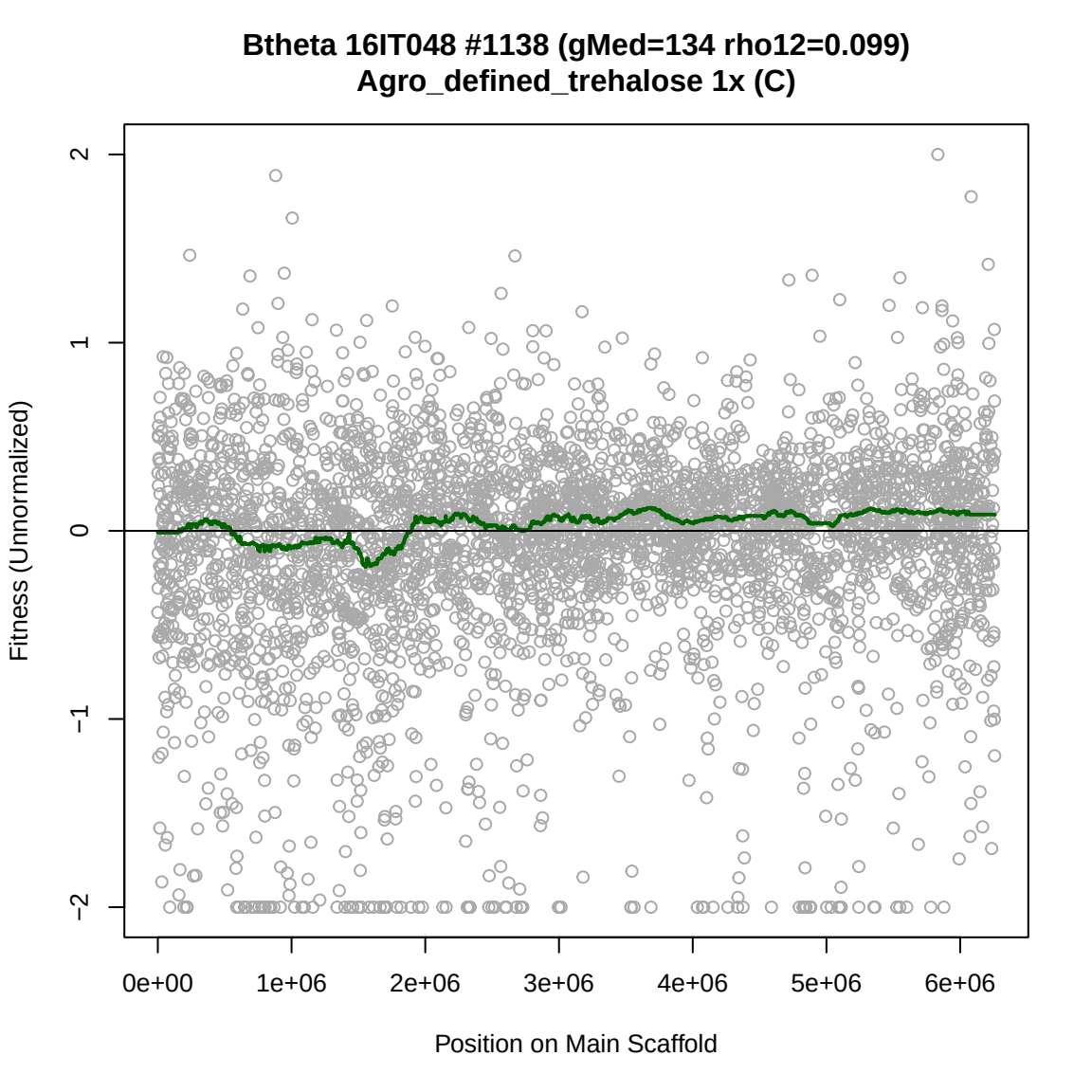

Btheta 16IT043 #1133 (gMed=175 rho12=0.125)
obacterium rhizogenes K599 grown in Agro_defined_trehalose (~7.5 mM 3−ke
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

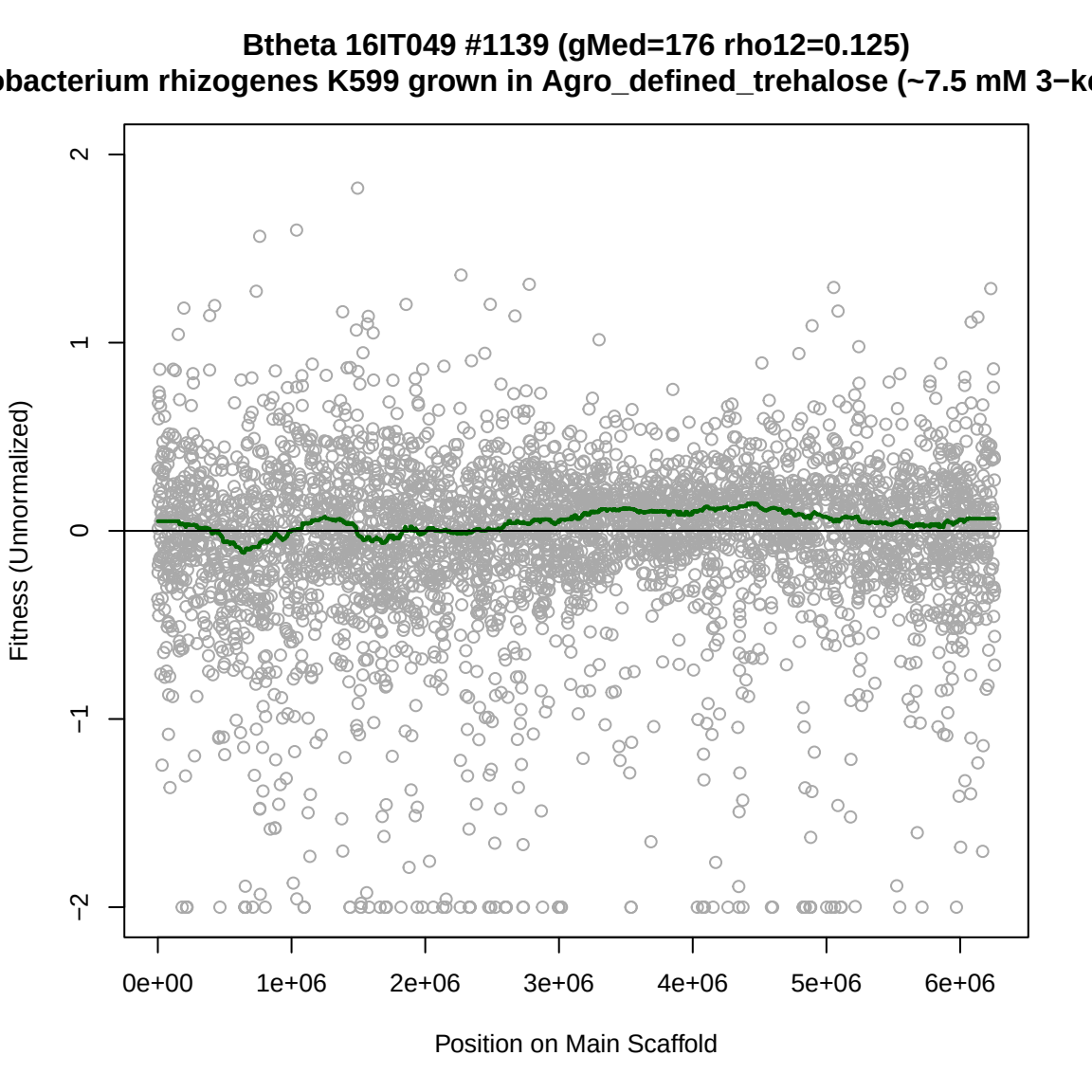

Btheta 16IT044 #1134 (gMed=168 rho12=0.115)
D−Glucose 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

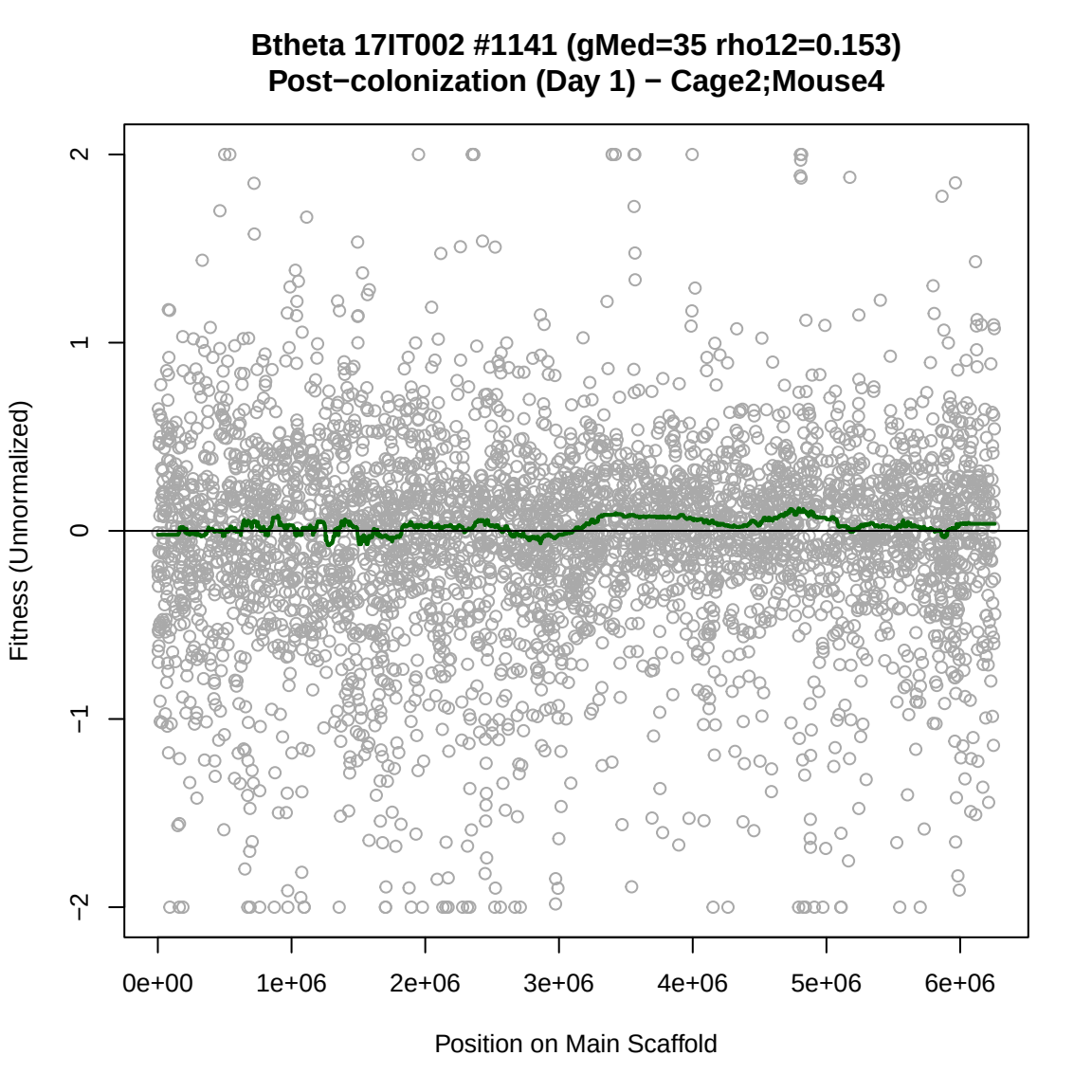

Btheta 16IT045 #1135 (gMed=142 rho12=0.159)
Lactulose 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

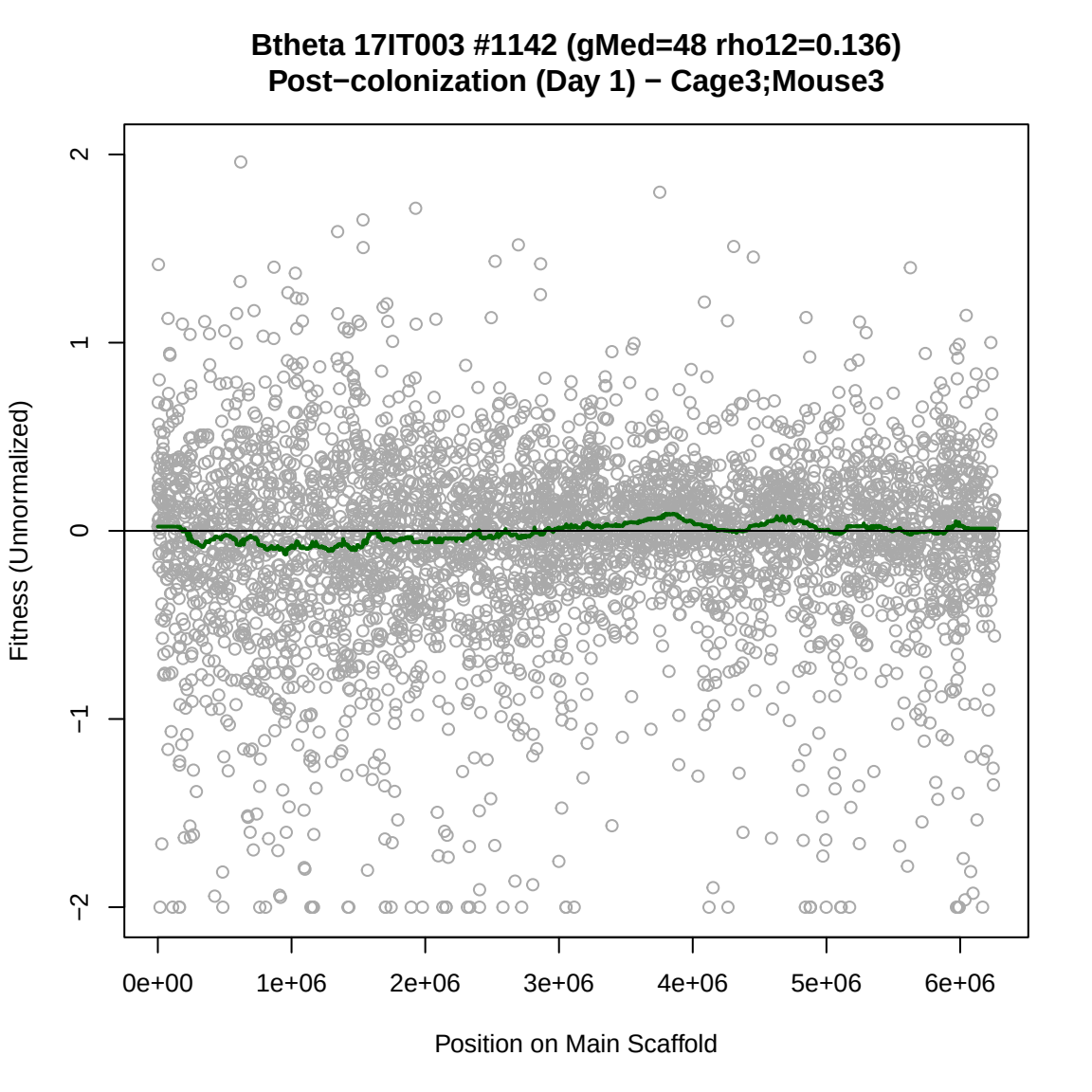

Btheta 16IT046 #1136 (gMed=158 rho12=0.133)
Maltitol 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

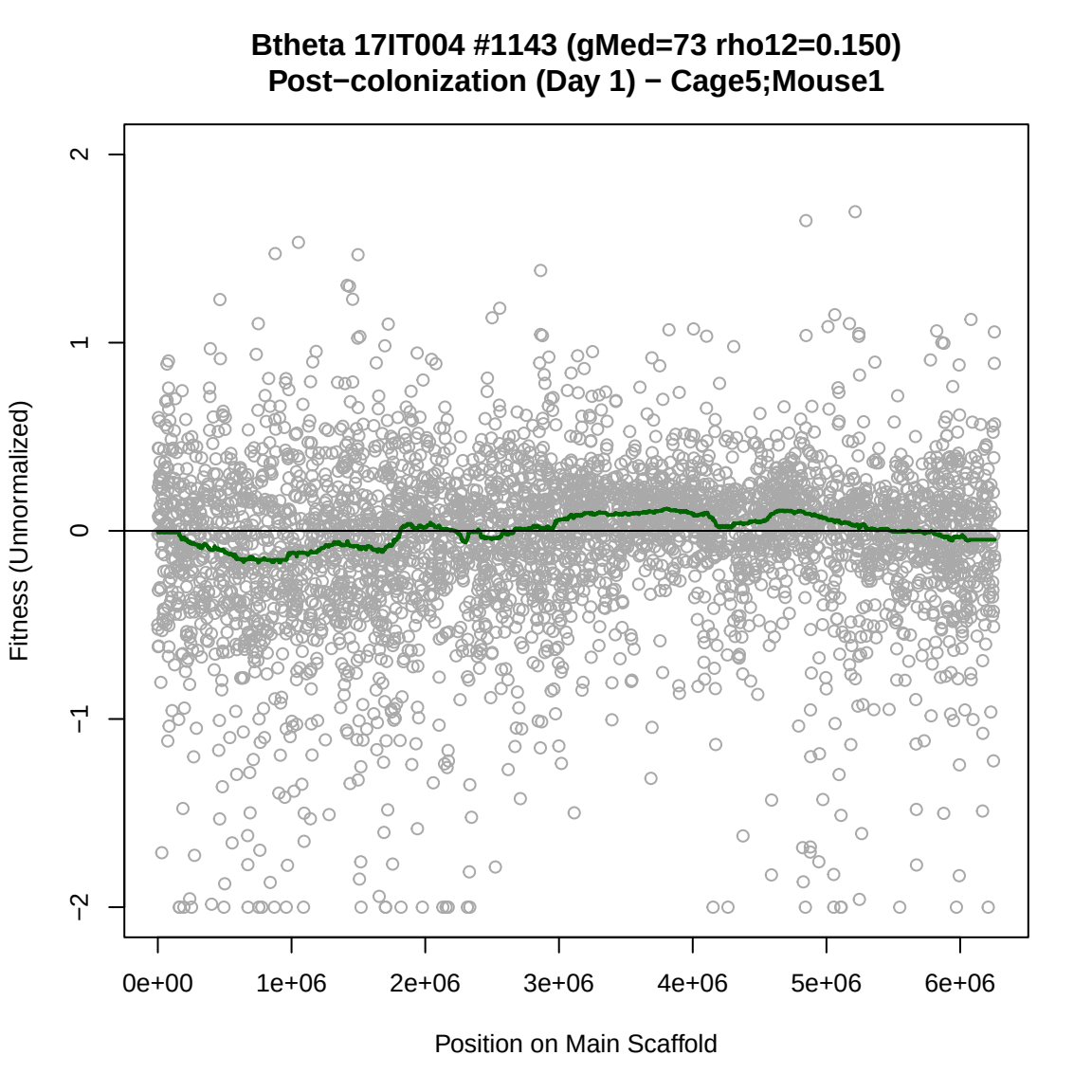

Btheta 16IT047 #1137 (gMed=165 rho12=0.181)
D−Trehalose 20mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

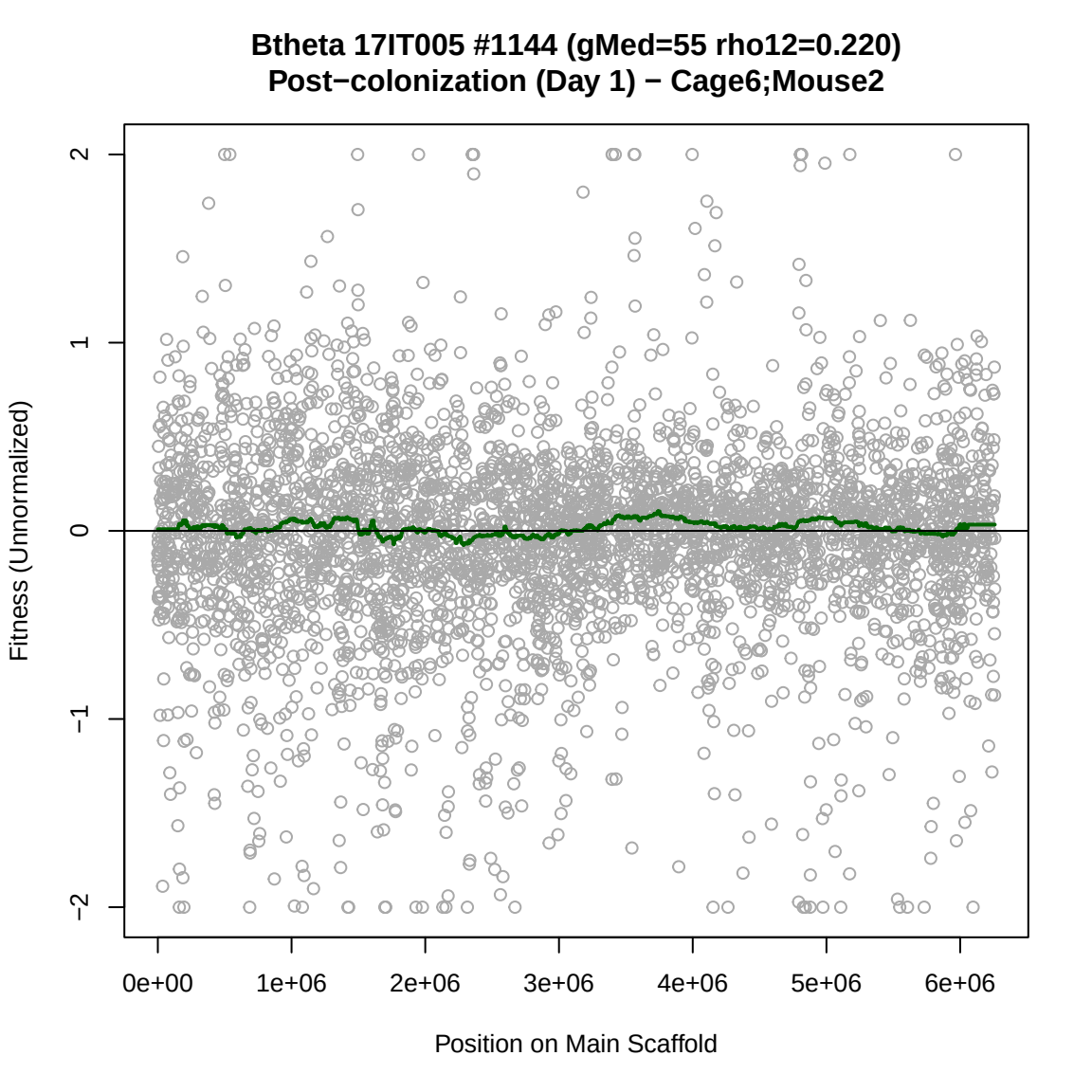

Btheta 16IT048 #1138 (gMed=134 rho12=0.099)
Agro_defined_trehalose 1x (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

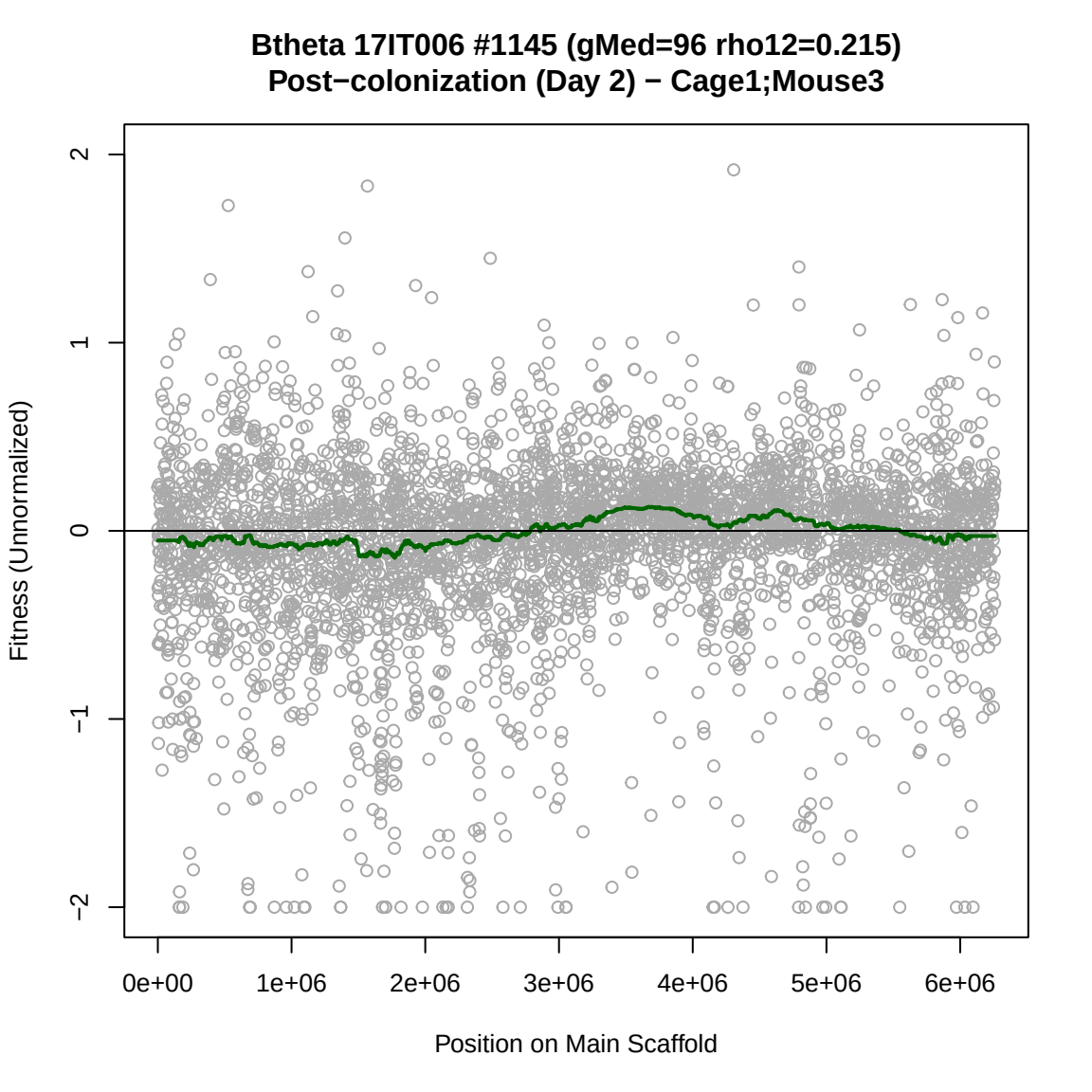

Btheta 16IT049 #1139 (gMed=176 rho12=0.125)
obacterium rhizogenes K599 grown in Agro_defined_trehalose (~7.5 mM 3−ke
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

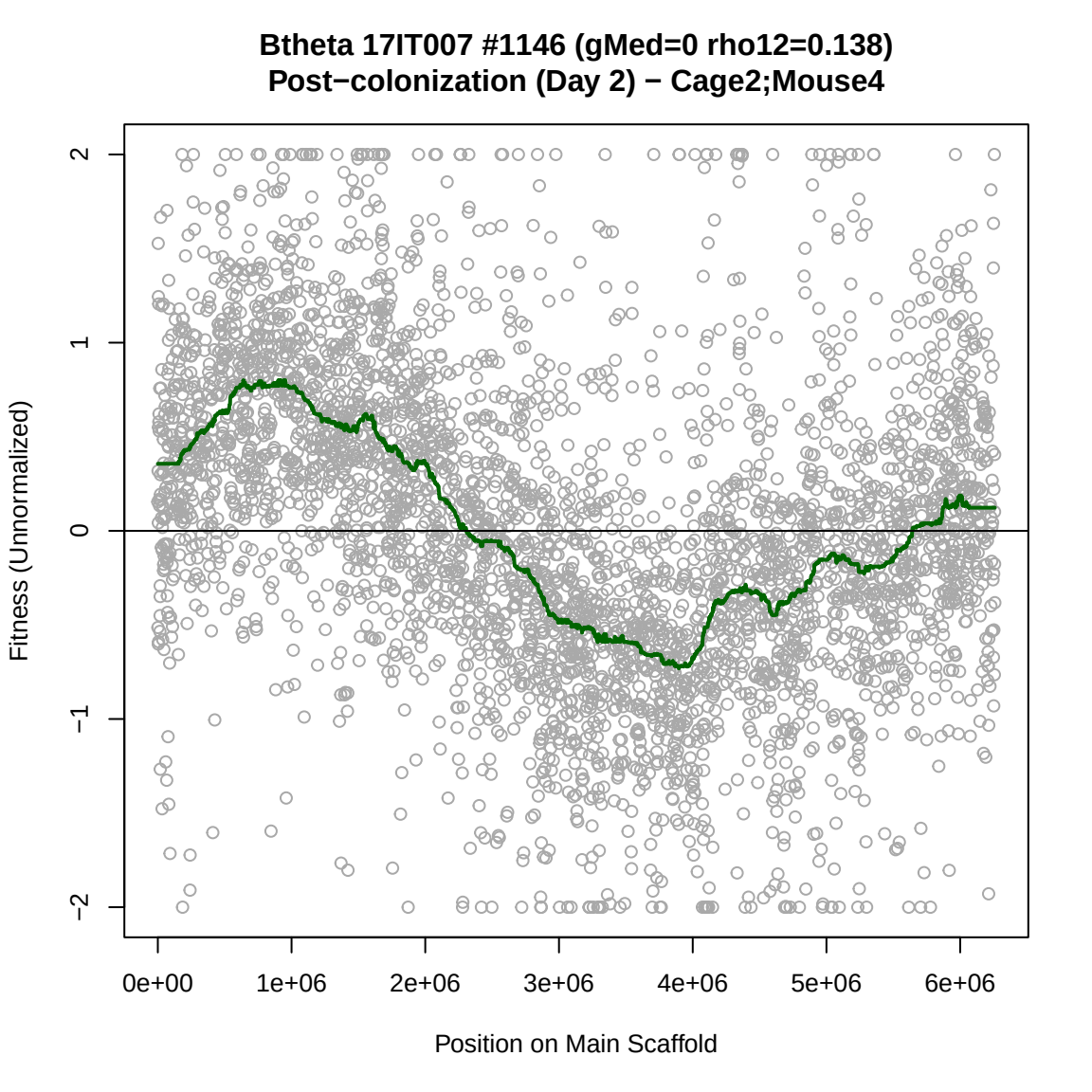

Btheta 17IT002 #1141 (gMed=35 rho12=0.153)
Post−colonization (Day 1) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

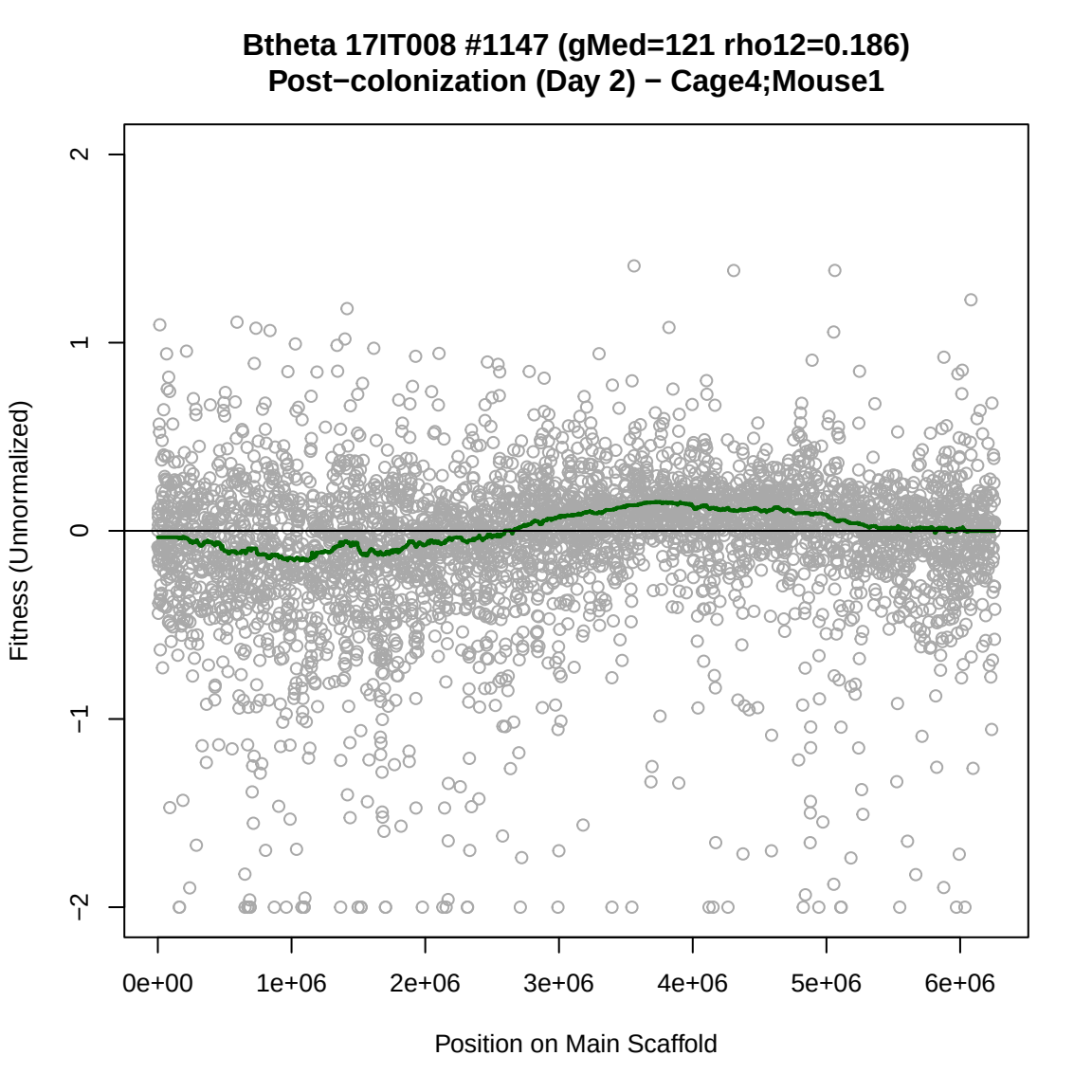

Btheta 17IT003 #1142 (gMed=48 rho12=0.136)
Post−colonization (Day 1) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

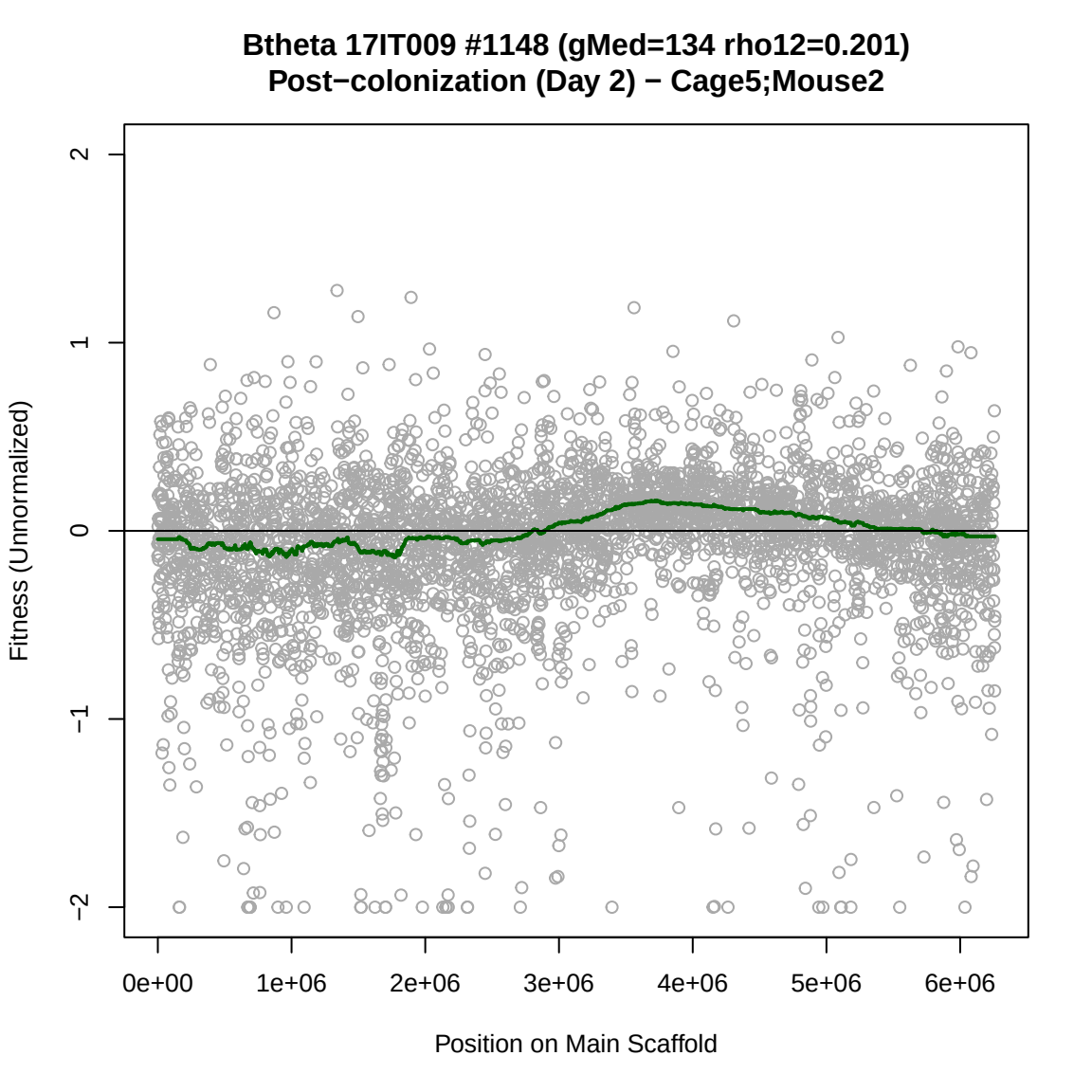

Btheta 17IT004 #1143 (gMed=73 rho12=0.150)
Post−colonization (Day 1) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

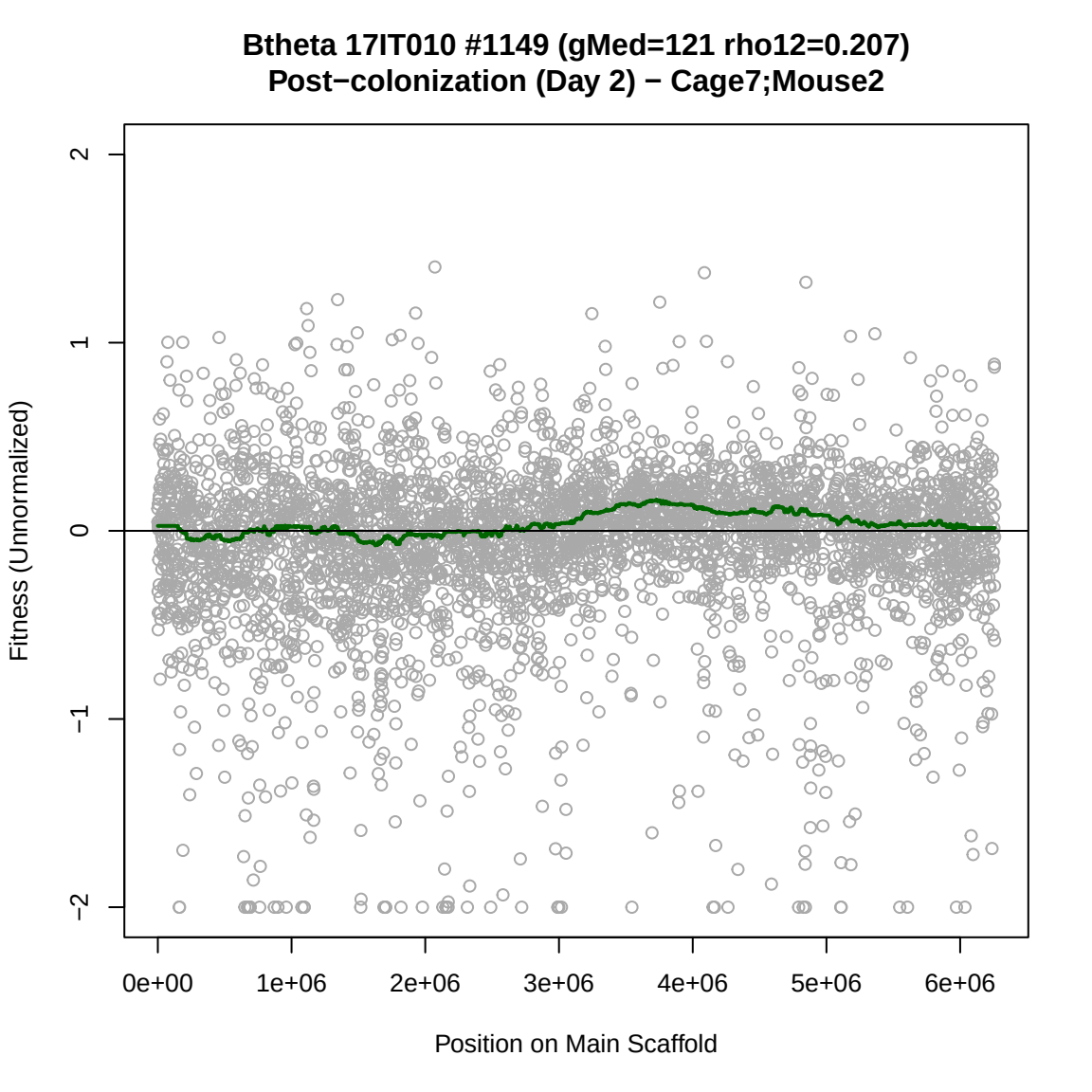

Btheta 17IT005 #1144 (gMed=55 rho12=0.220)
Post−colonization (Day 1) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

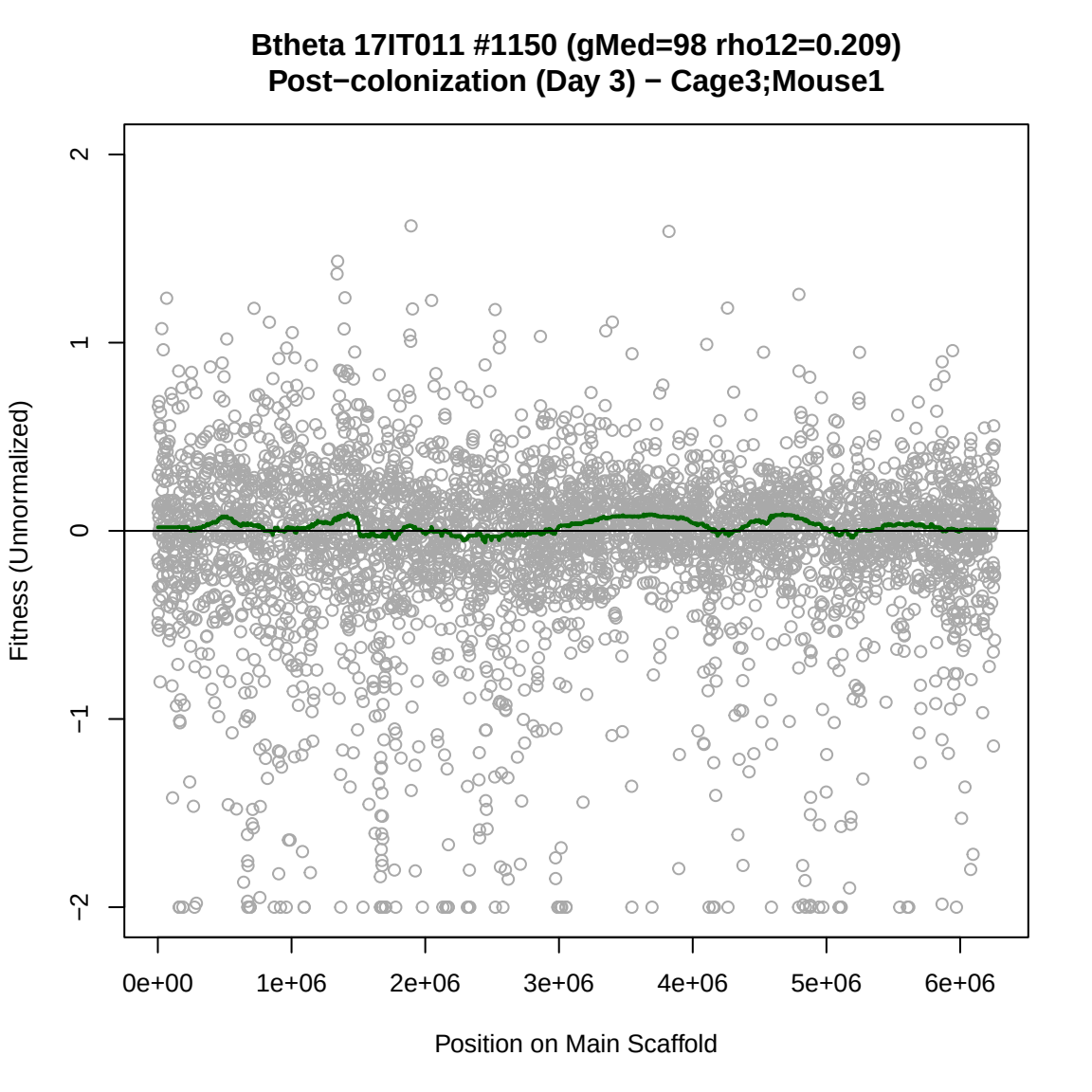

Btheta 17IT006 #1145 (gMed=96 rho12=0.215)
Post−colonization (Day 2) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

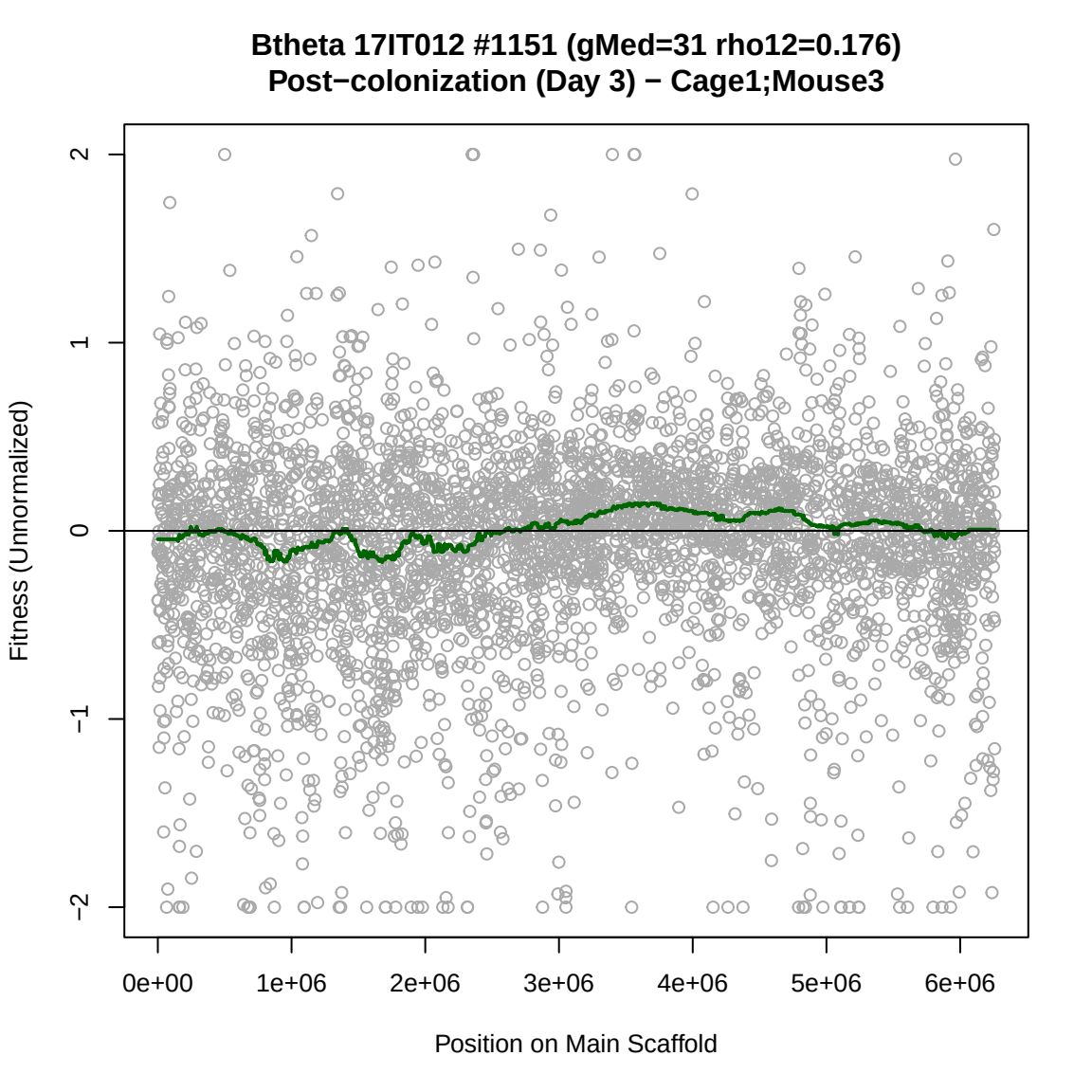

Btheta 17IT007 #1146 (gMed=0 rho12=0.138)
Post−colonization (Day 2) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

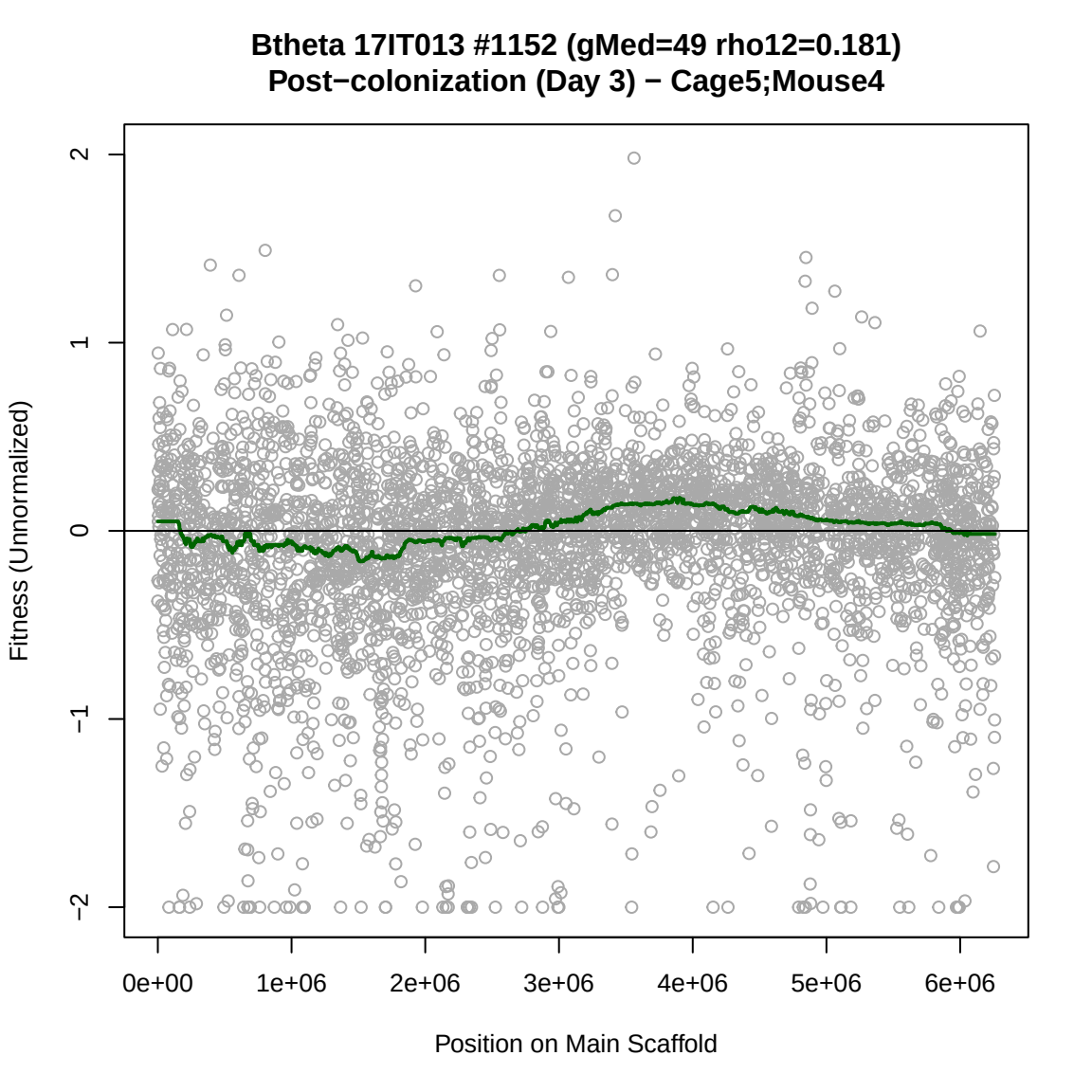

Btheta 17IT008 #1147 (gMed=121 rho12=0.186)
Post−colonization (Day 2) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

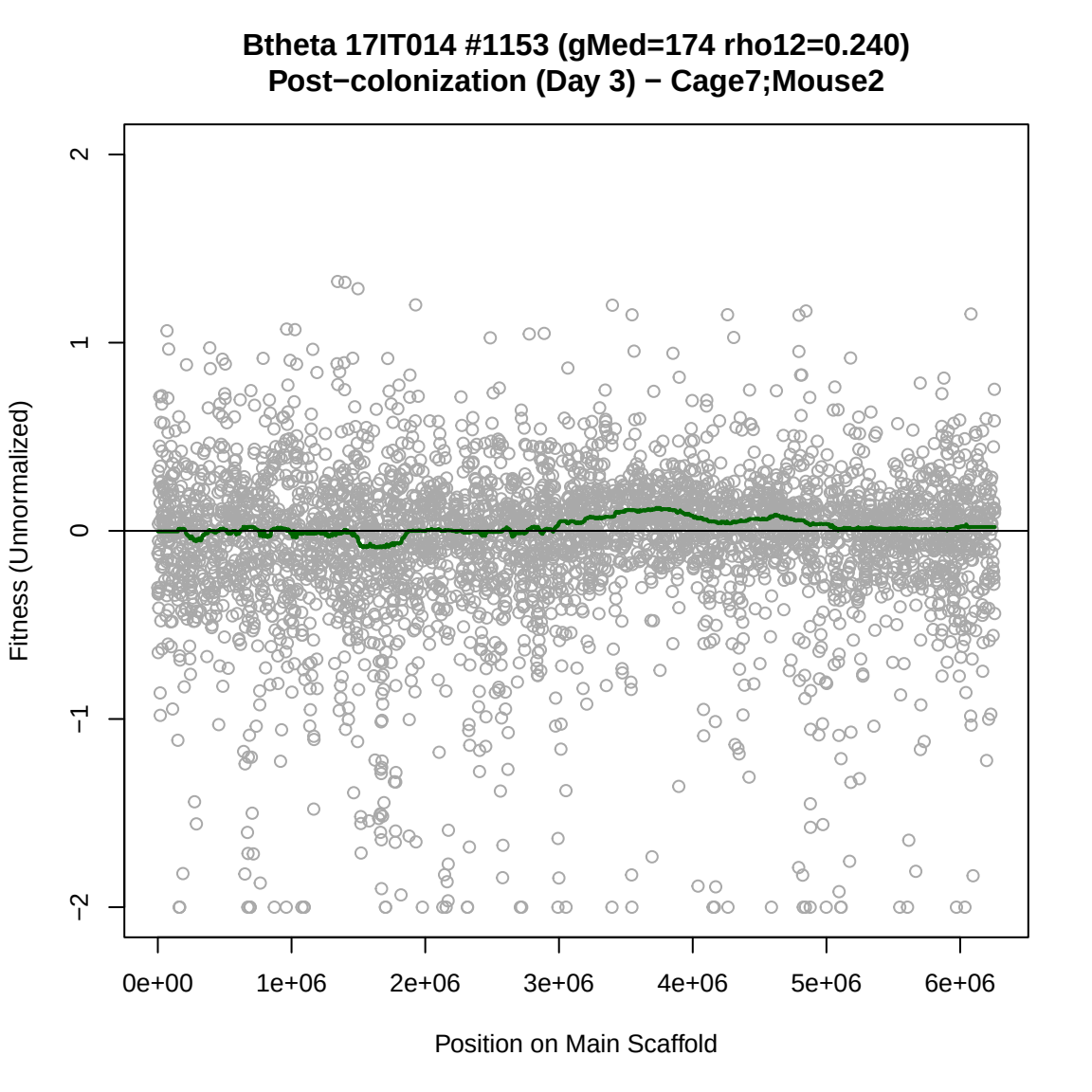

Btheta 17IT009 #1148 (gMed=134 rho12=0.201)
Post−colonization (Day 2) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

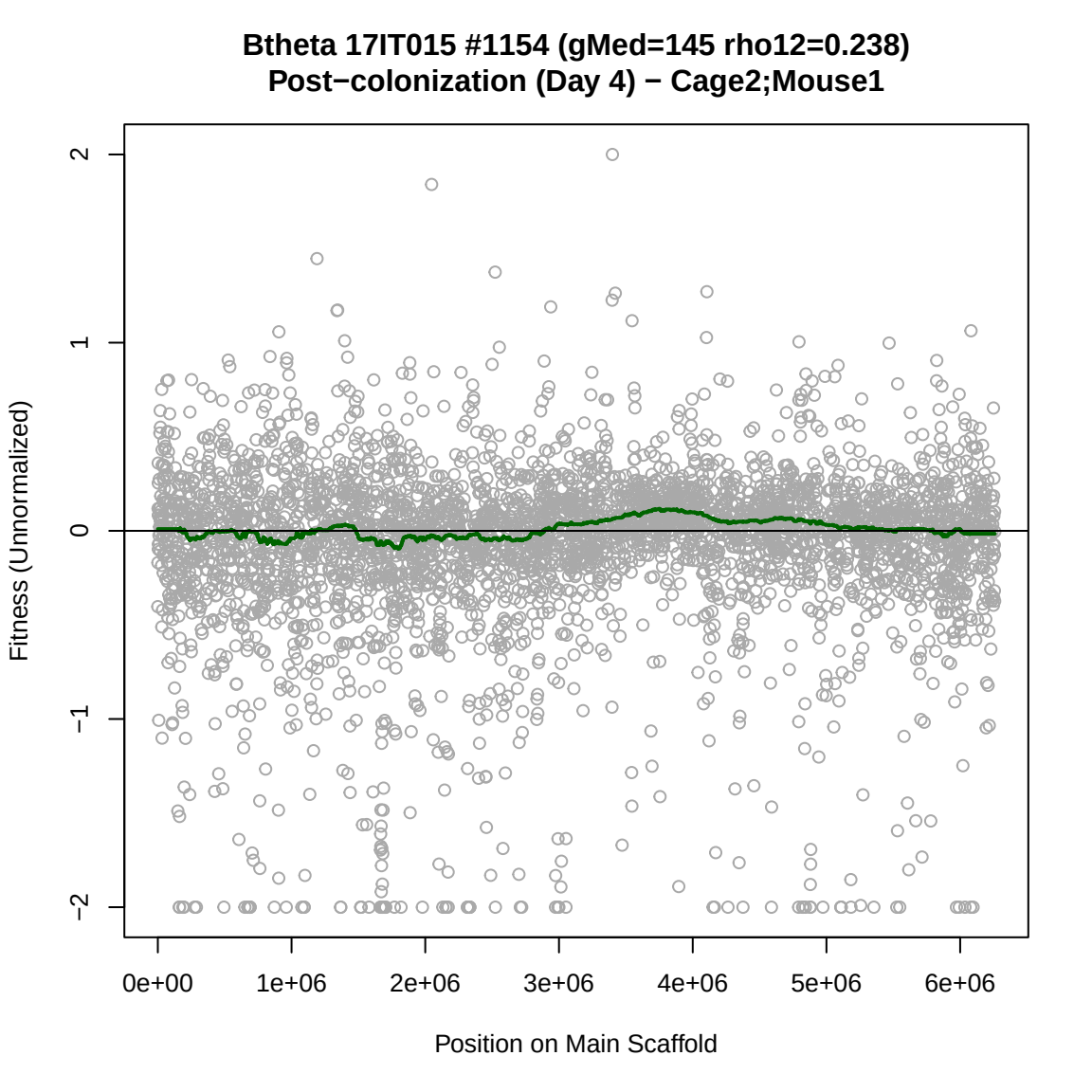

Btheta 17IT010 #1149 (gMed=121 rho12=0.207)
Post−colonization (Day 2) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

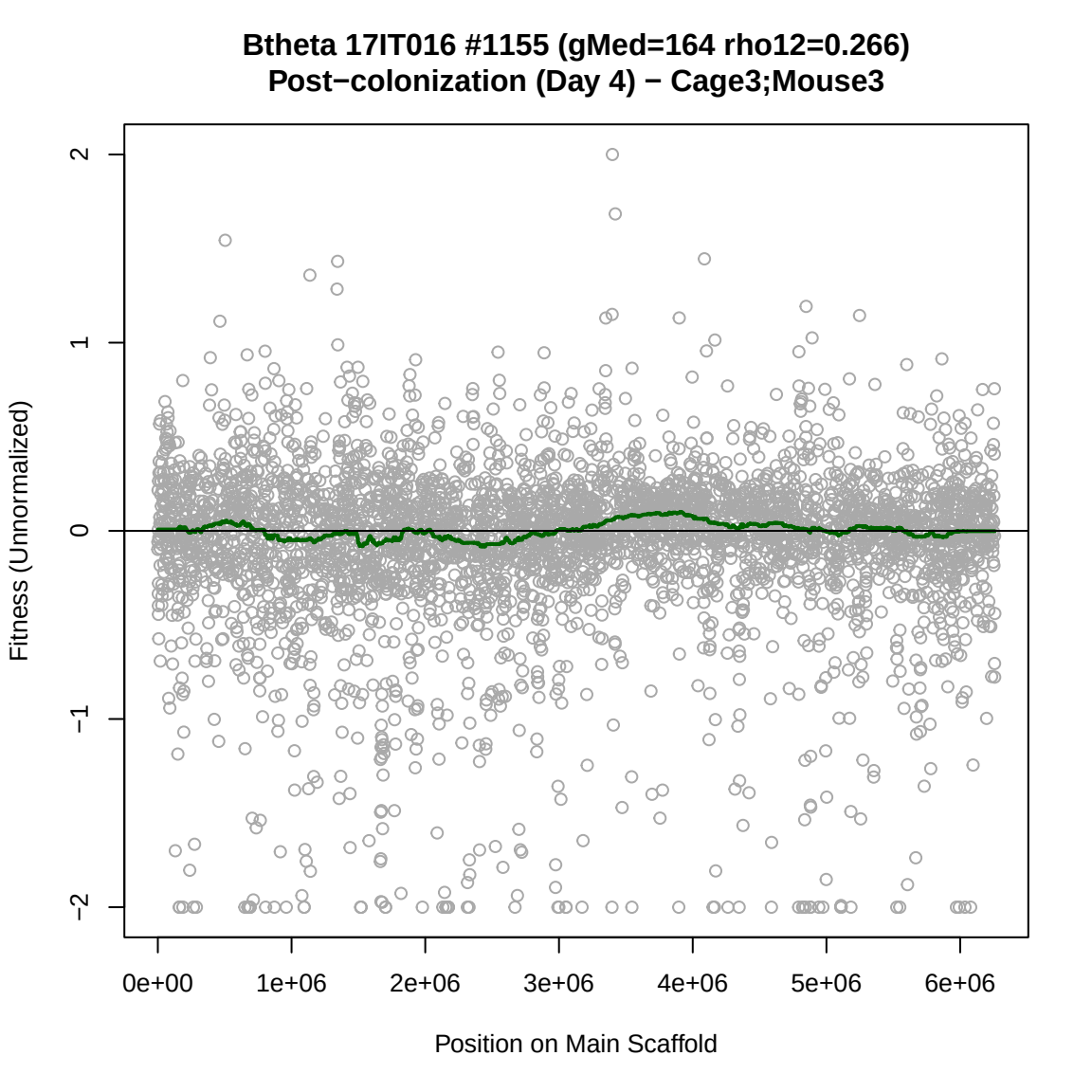

Btheta 17IT011 #1150 (gMed=98 rho12=0.209)
Post−colonization (Day 3) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

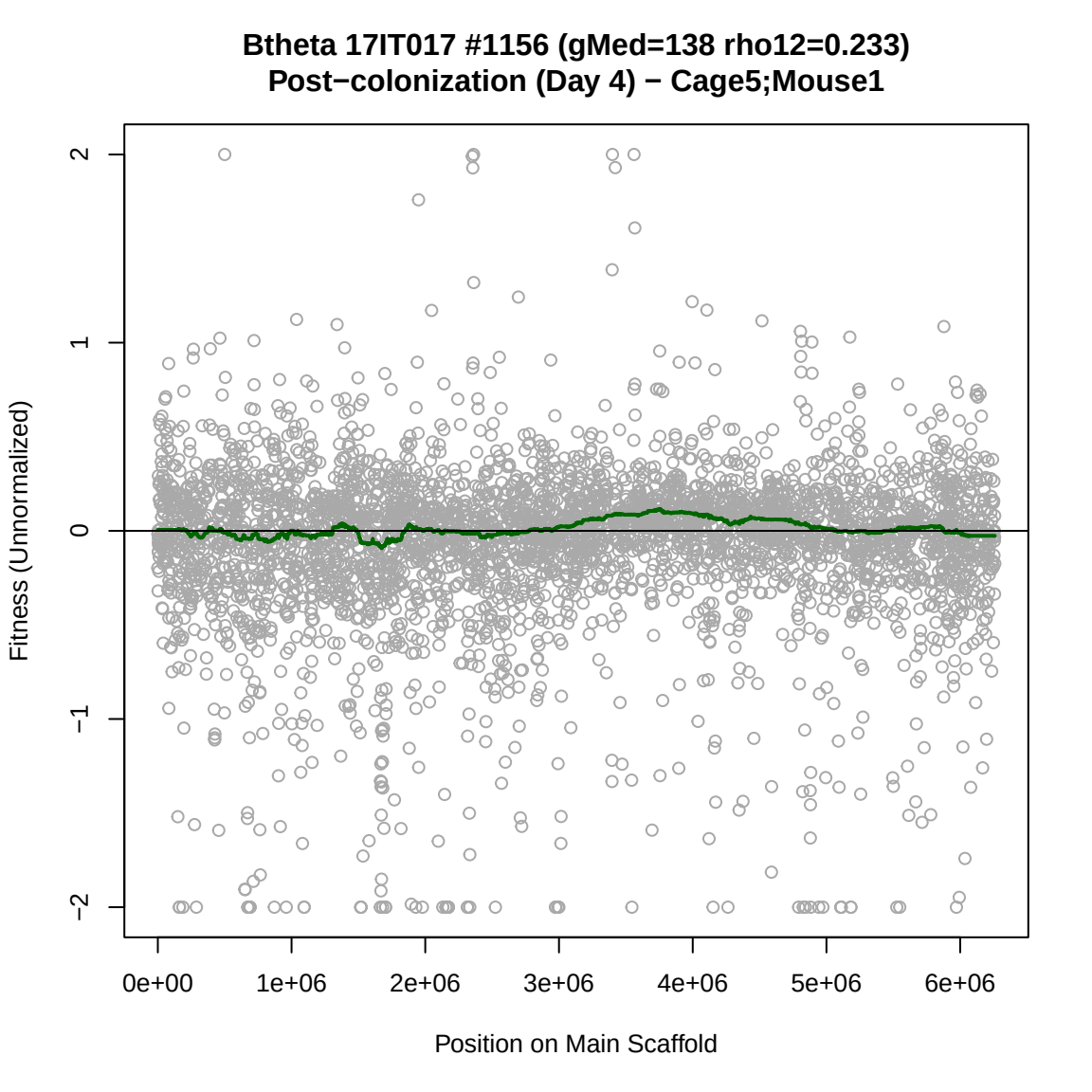

Btheta 17IT012 #1151 (gMed=31 rho12=0.176)
Post−colonization (Day 3) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

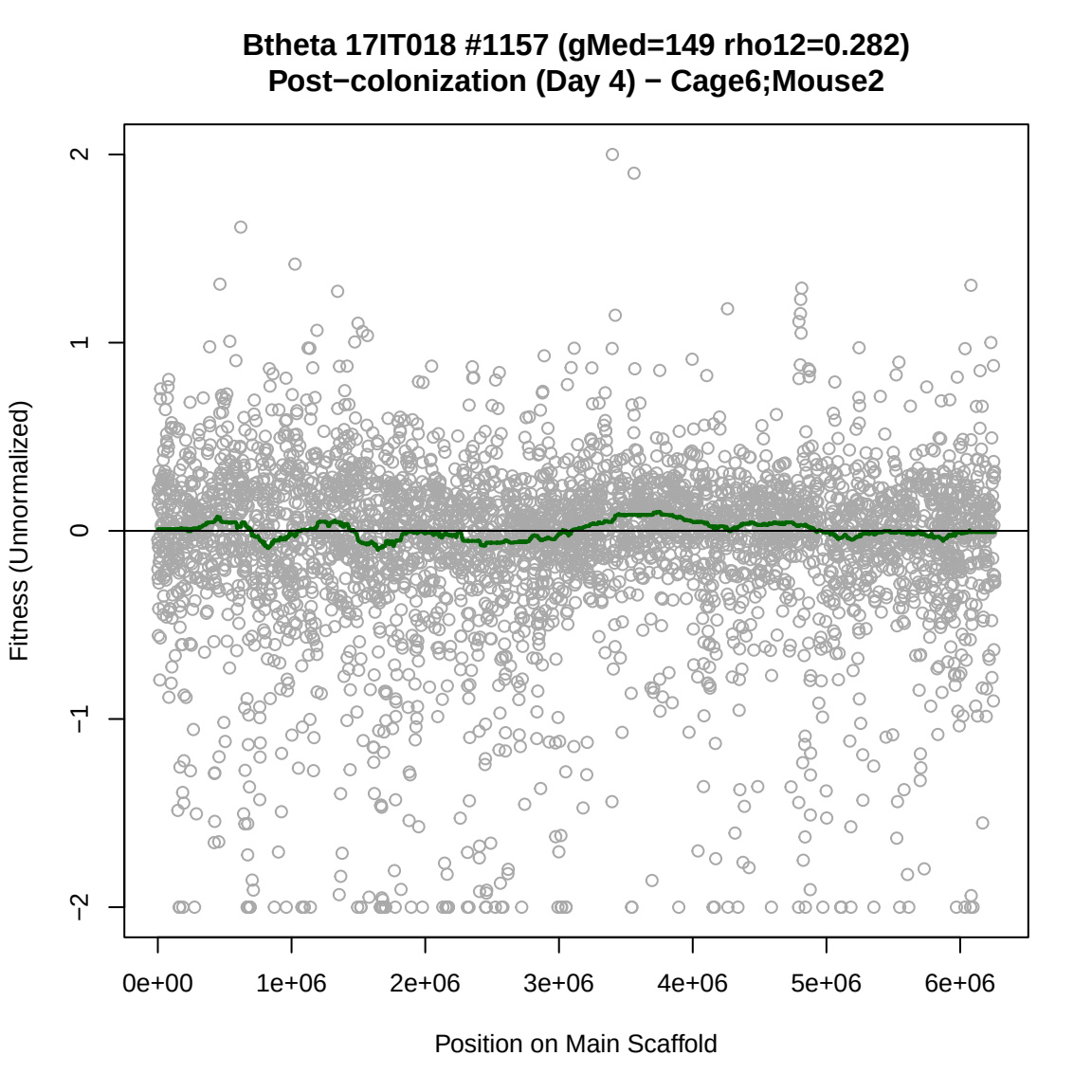

Btheta 17IT013 #1152 (gMed=49 rho12=0.181)
Post−colonization (Day 3) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

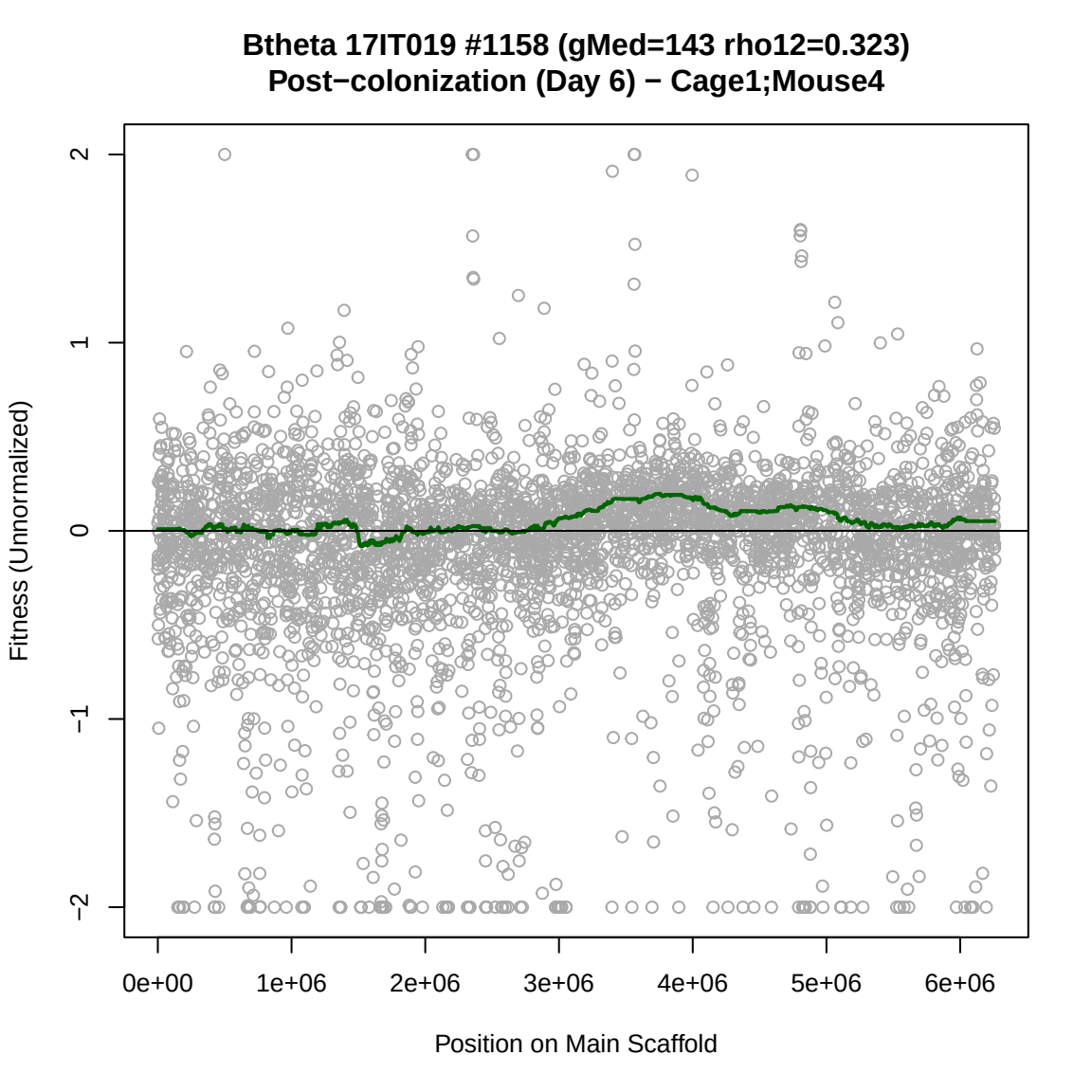

Btheta 17IT014 #1153 (gMed=174 rho12=0.240)
Post−colonization (Day 3) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

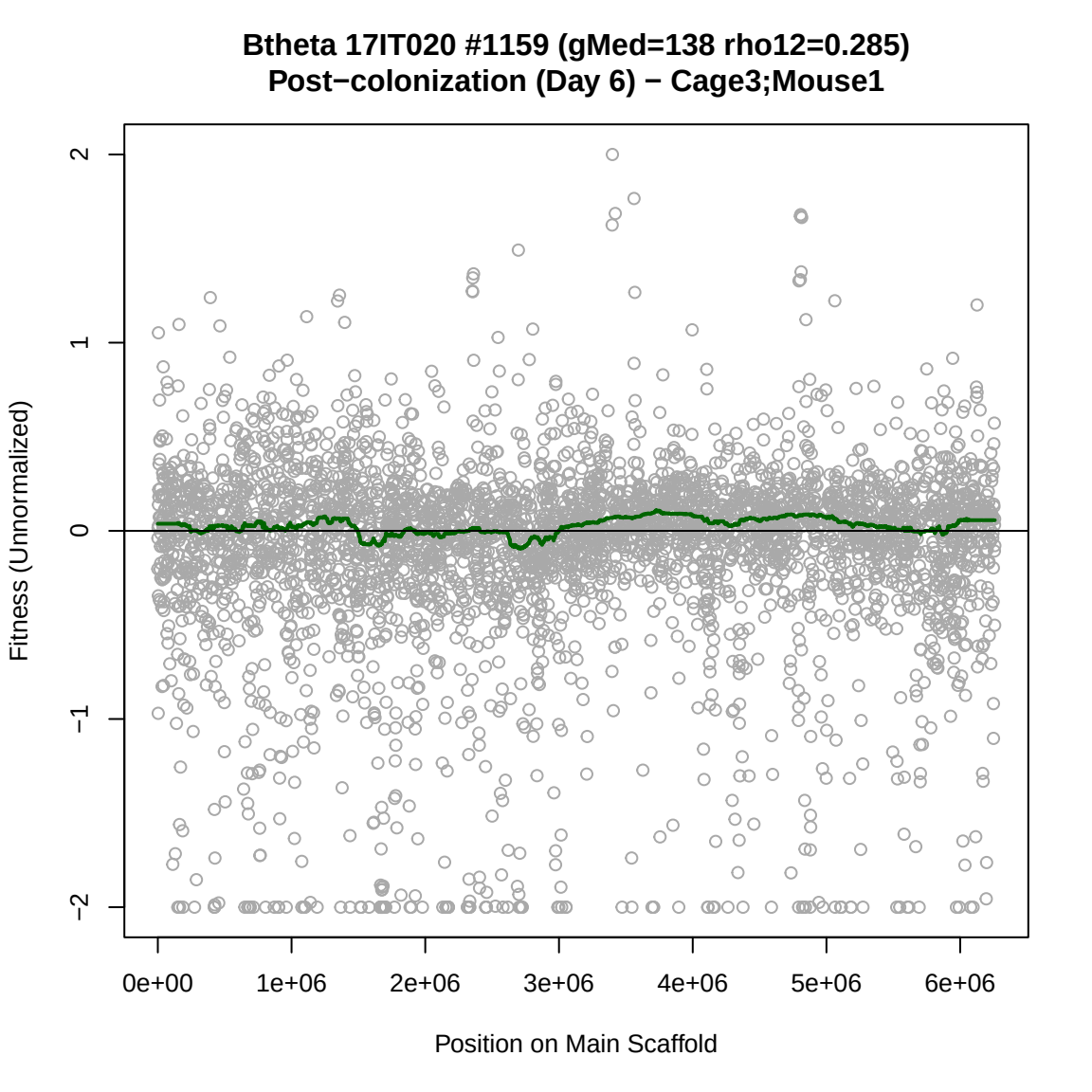

Btheta 17IT015 #1154 (gMed=145 rho12=0.238)
Post−colonization (Day 4) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

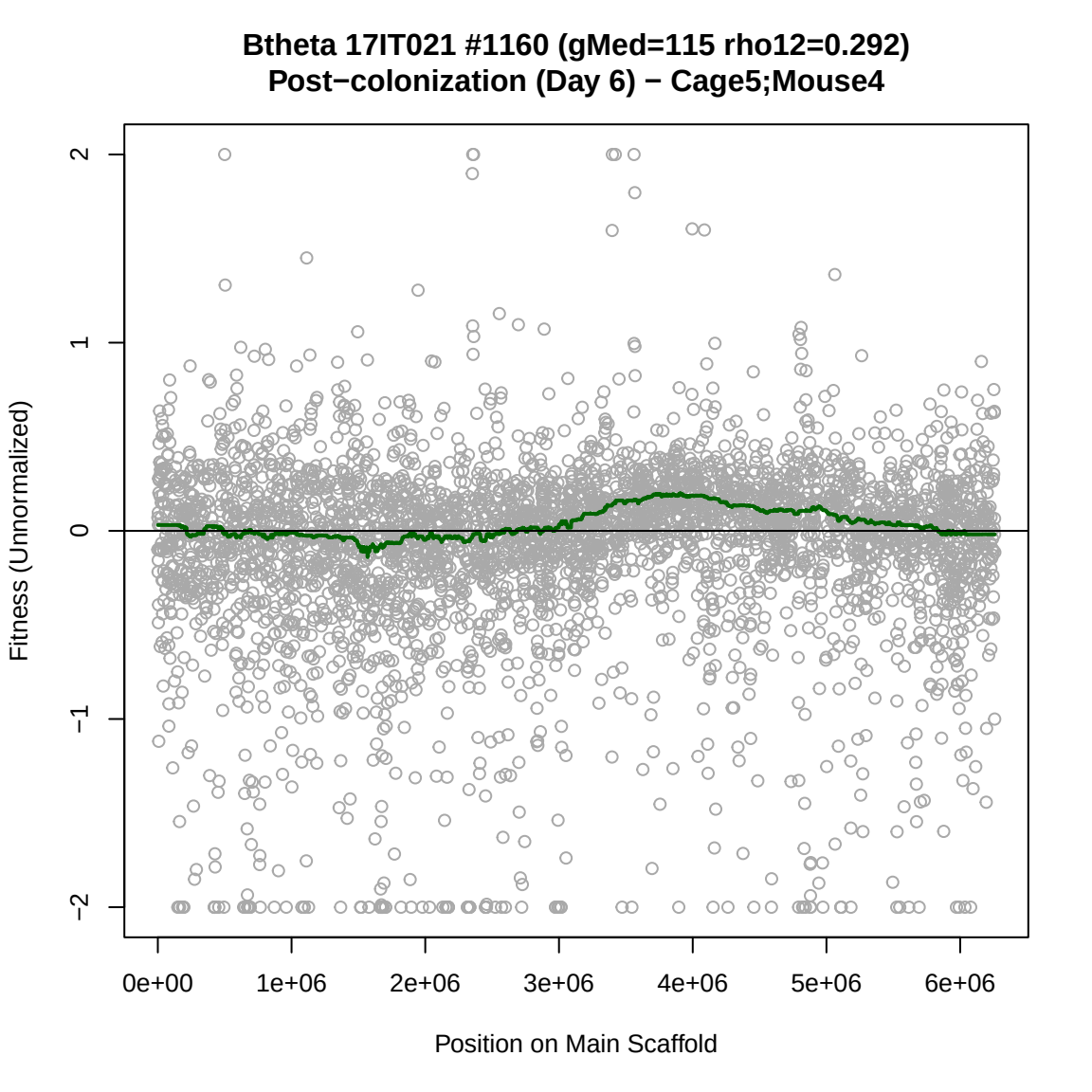

Btheta 17IT016 #1155 (gMed=164 rho12=0.266)
Post−colonization (Day 4) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

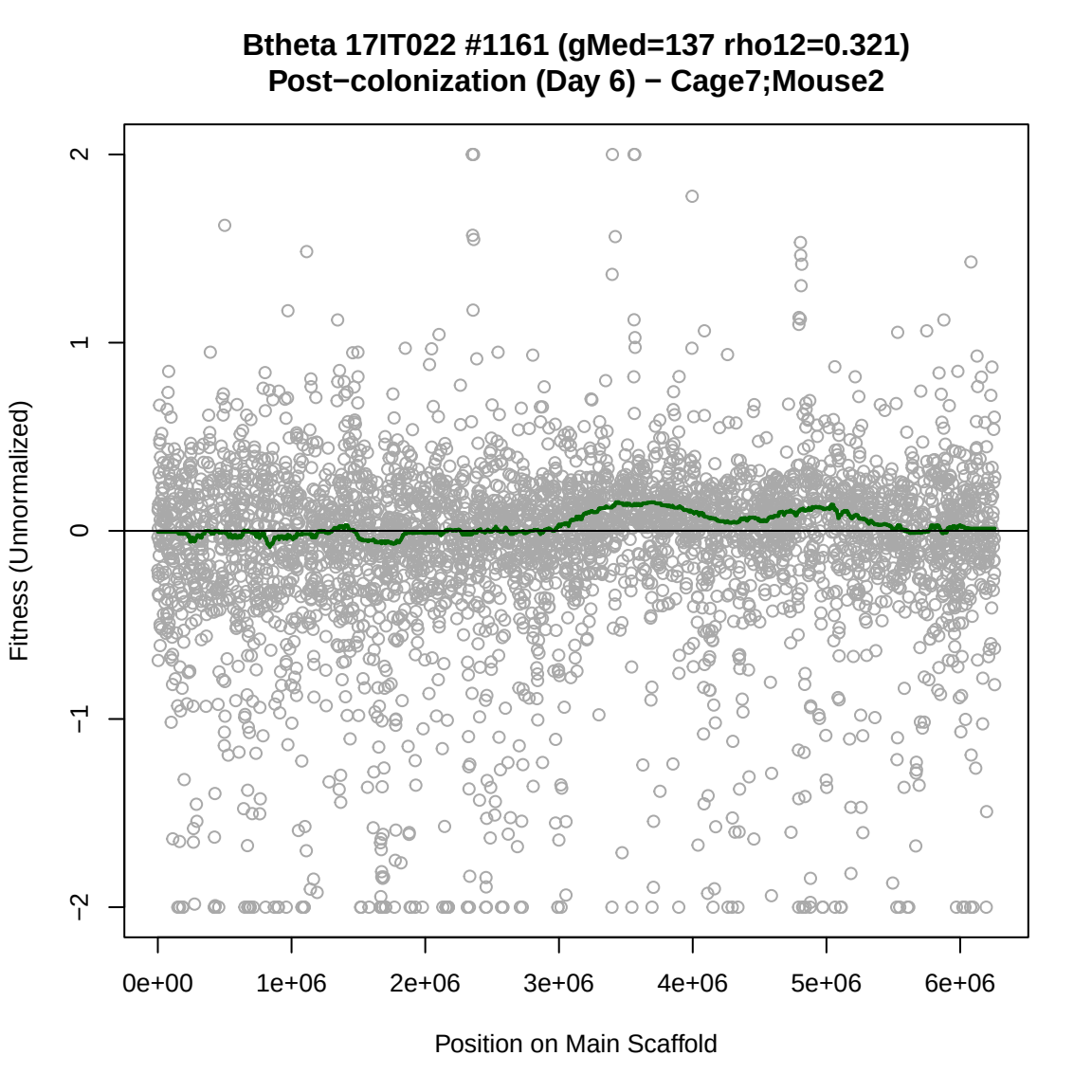

Btheta 17IT017 #1156 (gMed=138 rho12=0.233)
Post−colonization (Day 4) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

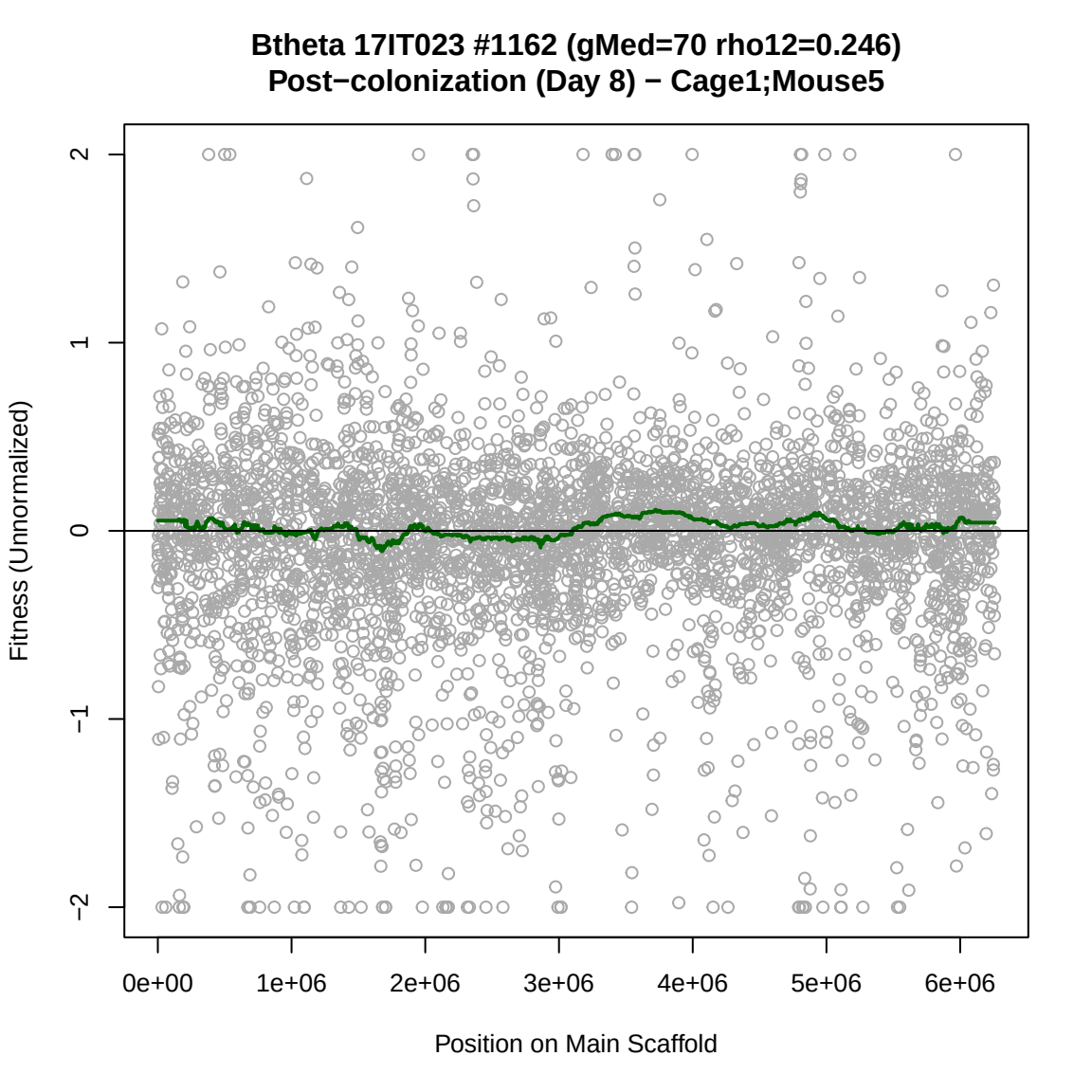

Btheta 17IT018 #1157 (gMed=149 rho12=0.282)
Post−colonization (Day 4) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

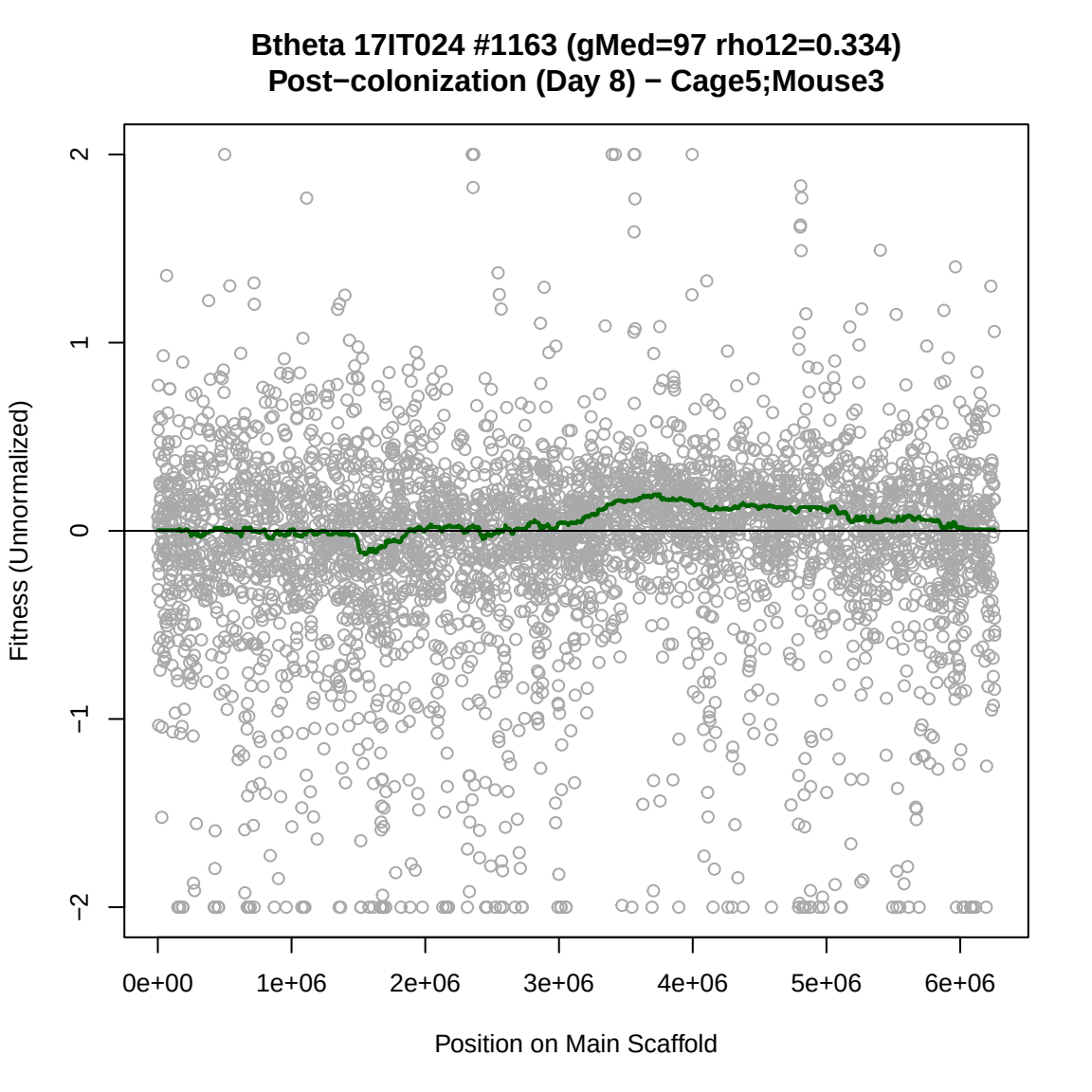

Btheta 17IT019 #1158 (gMed=143 rho12=0.323)
Post−colonization (Day 6) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

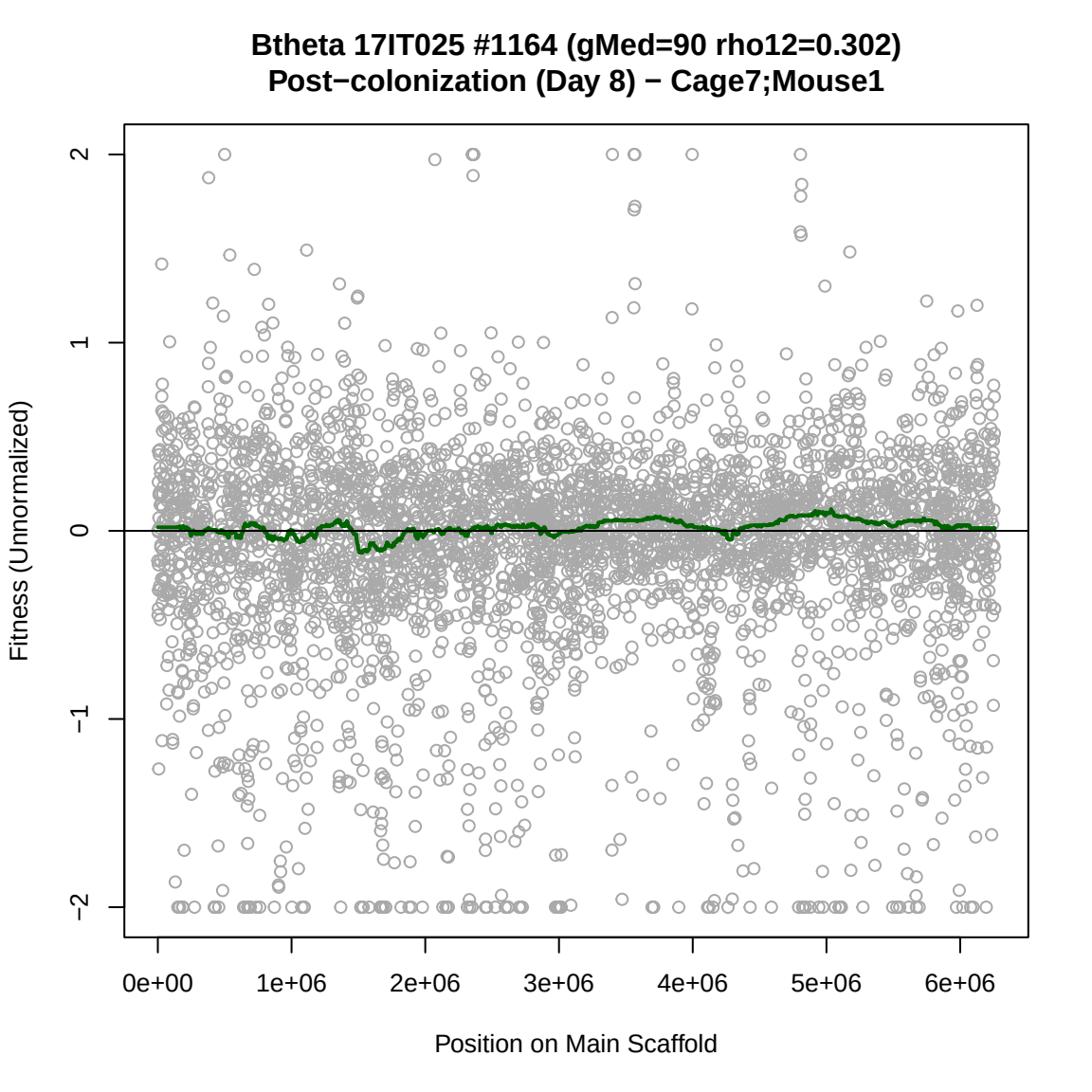

Btheta 17IT020 #1159 (gMed=138 rho12=0.285)
Post−colonization (Day 6) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

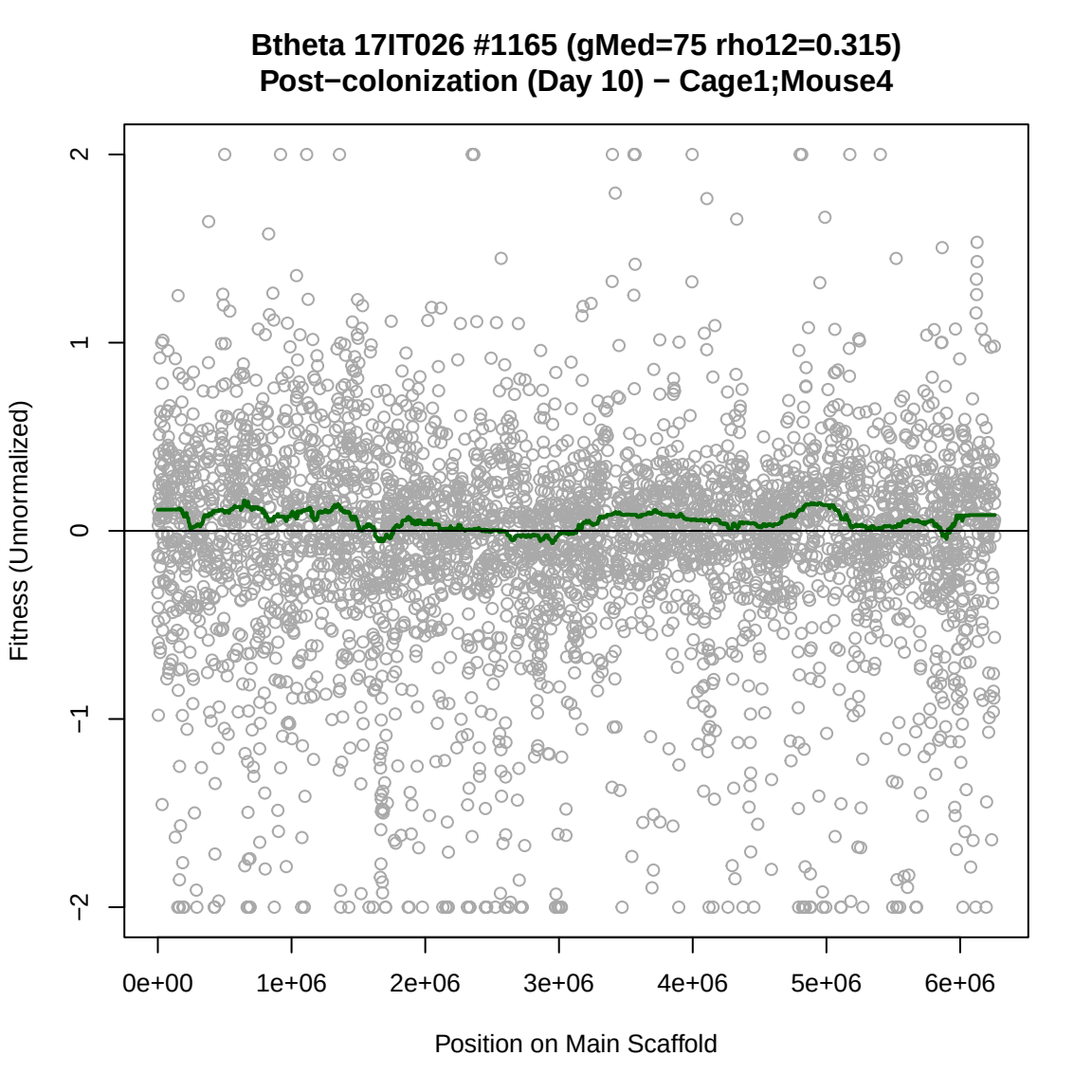

Btheta 17IT021 #1160 (gMed=115 rho12=0.292)
Post−colonization (Day 6) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

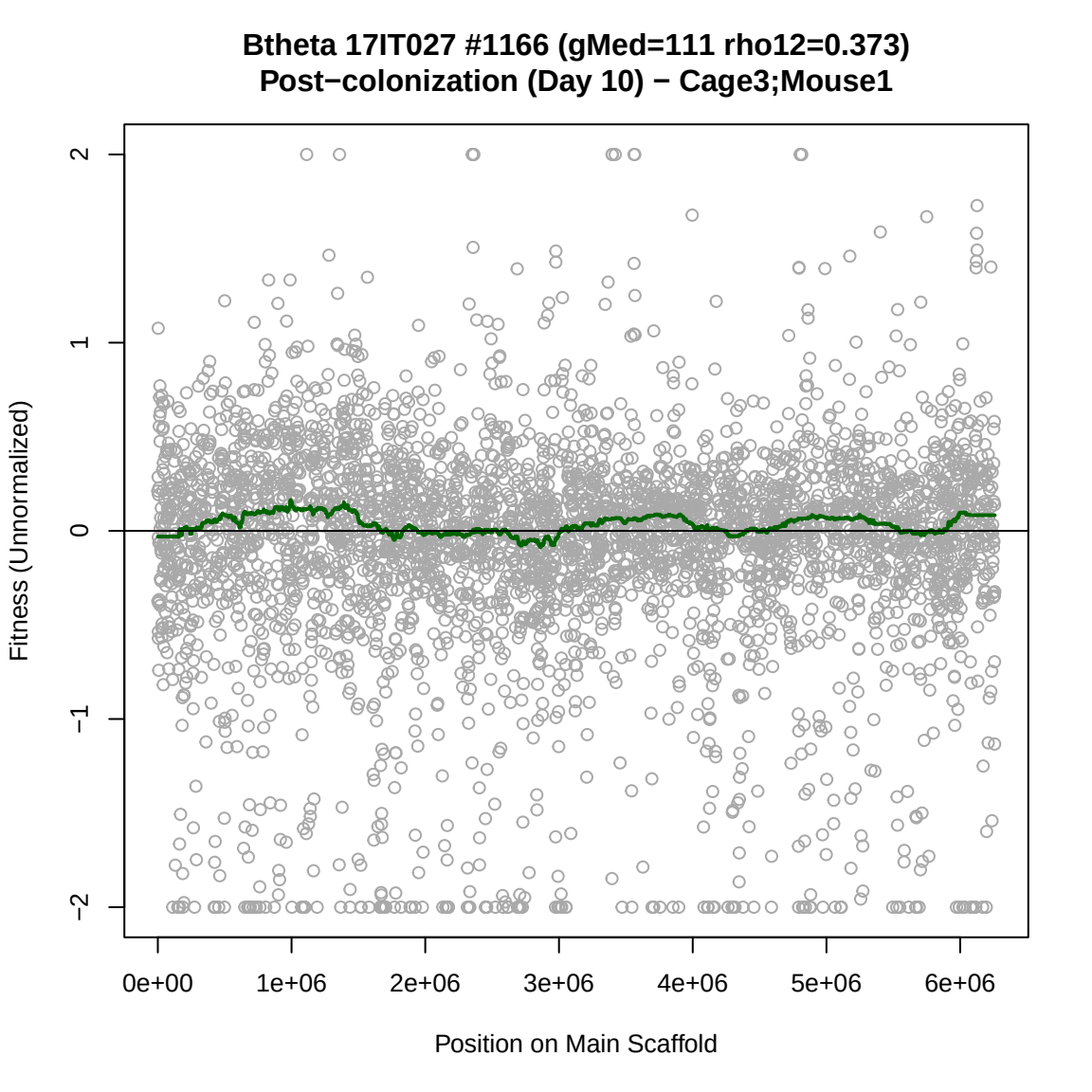

Btheta 17IT022 #1161 (gMed=137 rho12=0.321)
Post−colonization (Day 6) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

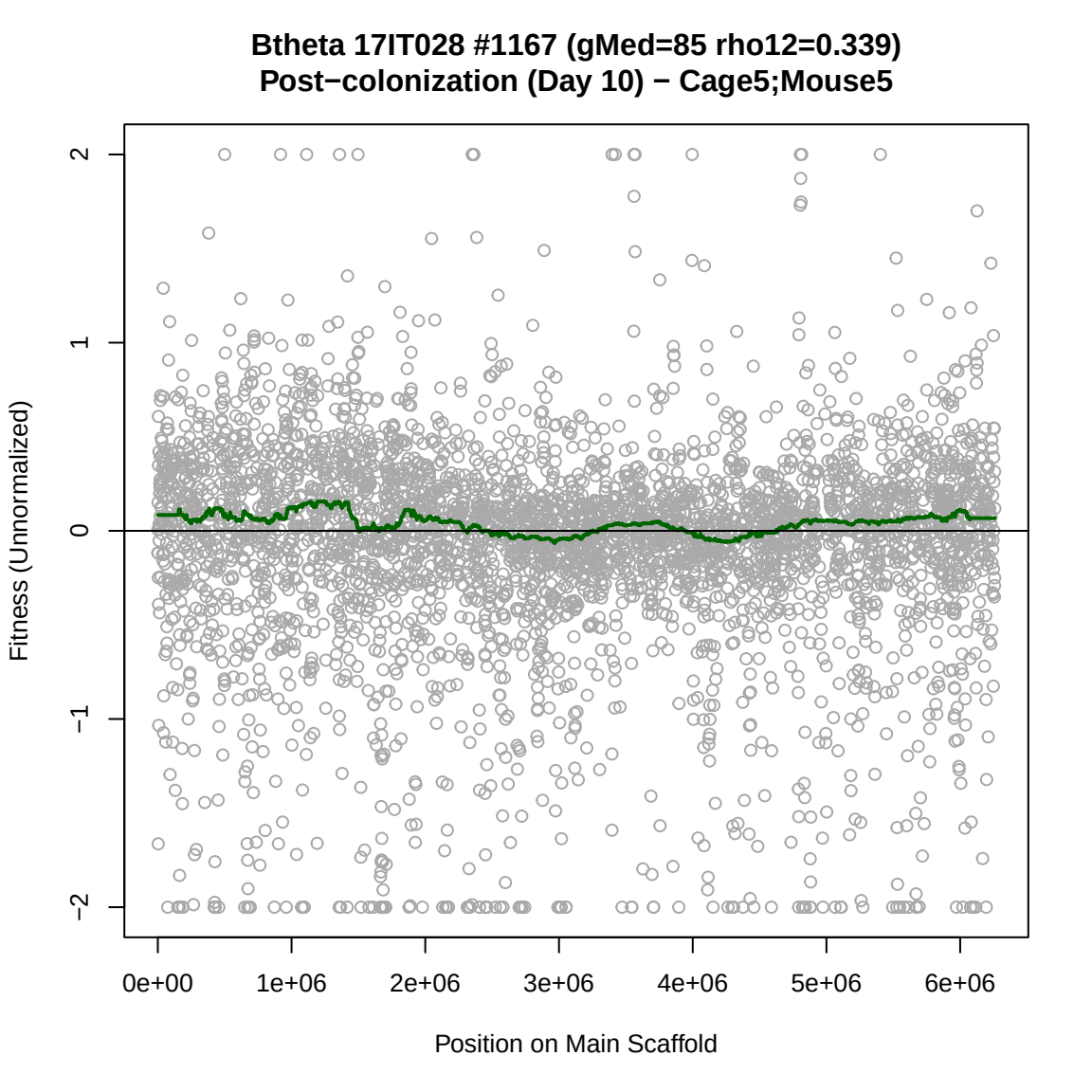

Btheta 17IT023 #1162 (gMed=70 rho12=0.246)
Post−colonization (Day 8) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

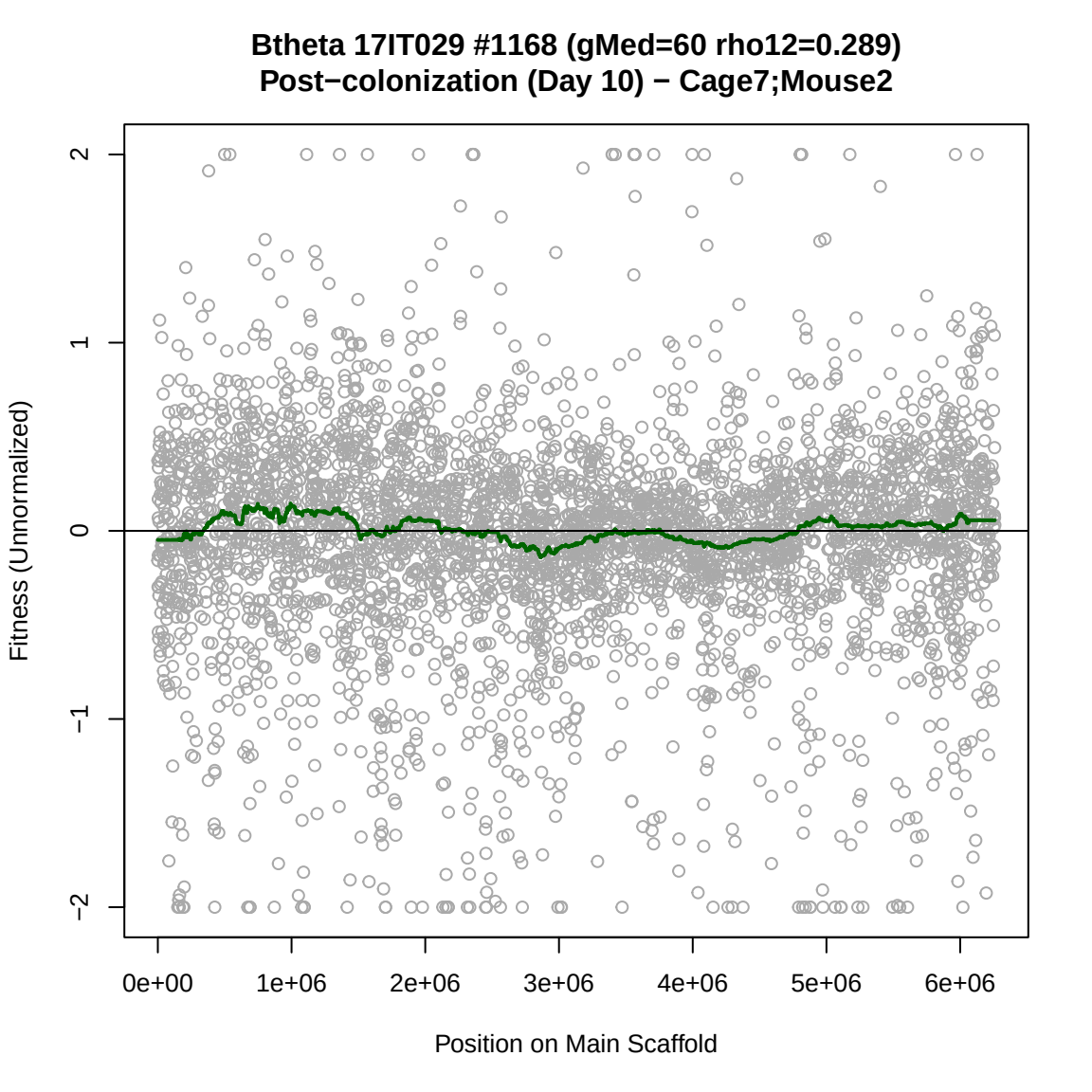

Btheta 17IT024 #1163 (gMed=97 rho12=0.334)
Post−colonization (Day 8) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

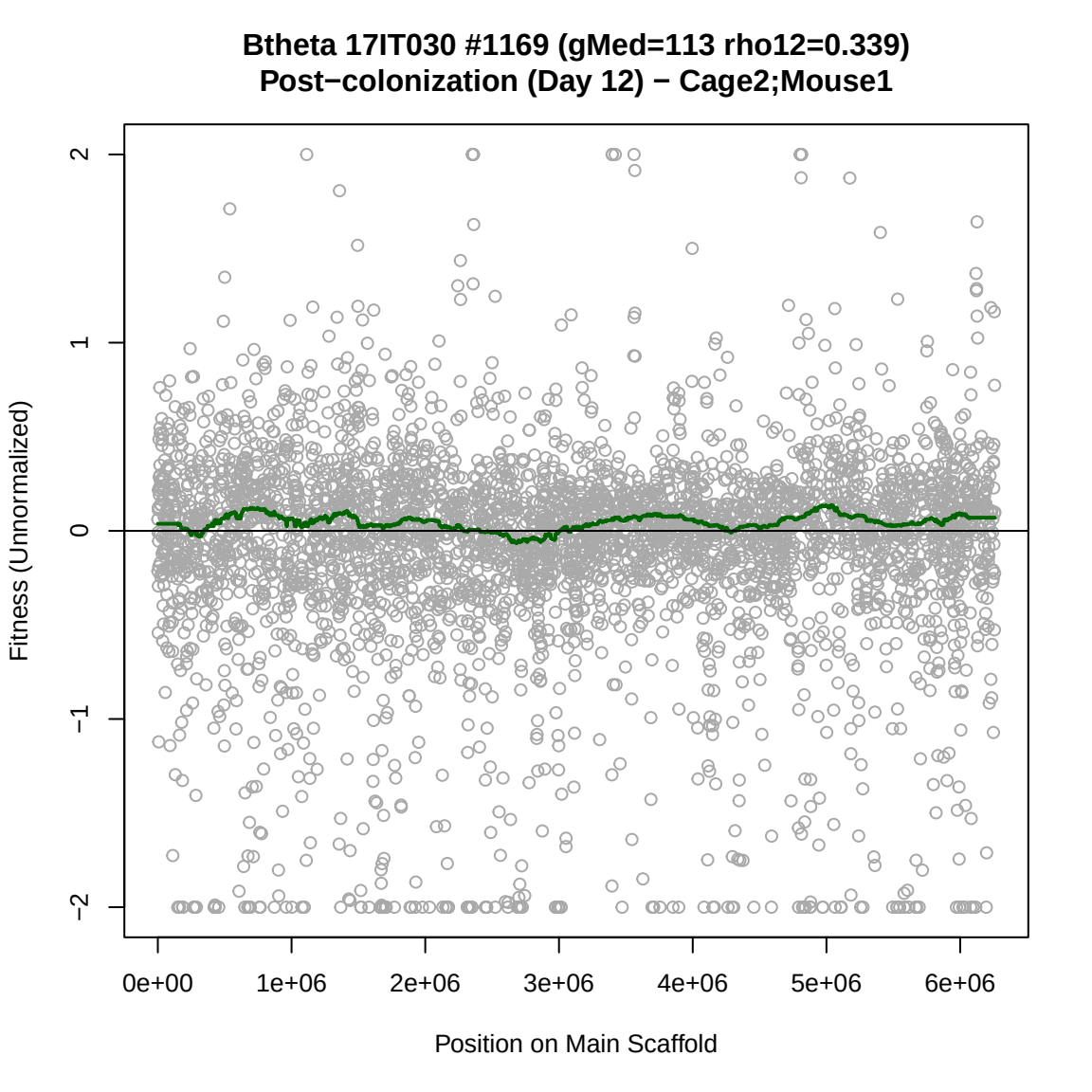

Btheta 17IT025 #1164 (gMed=90 rho12=0.302)
Post−colonization (Day 8) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

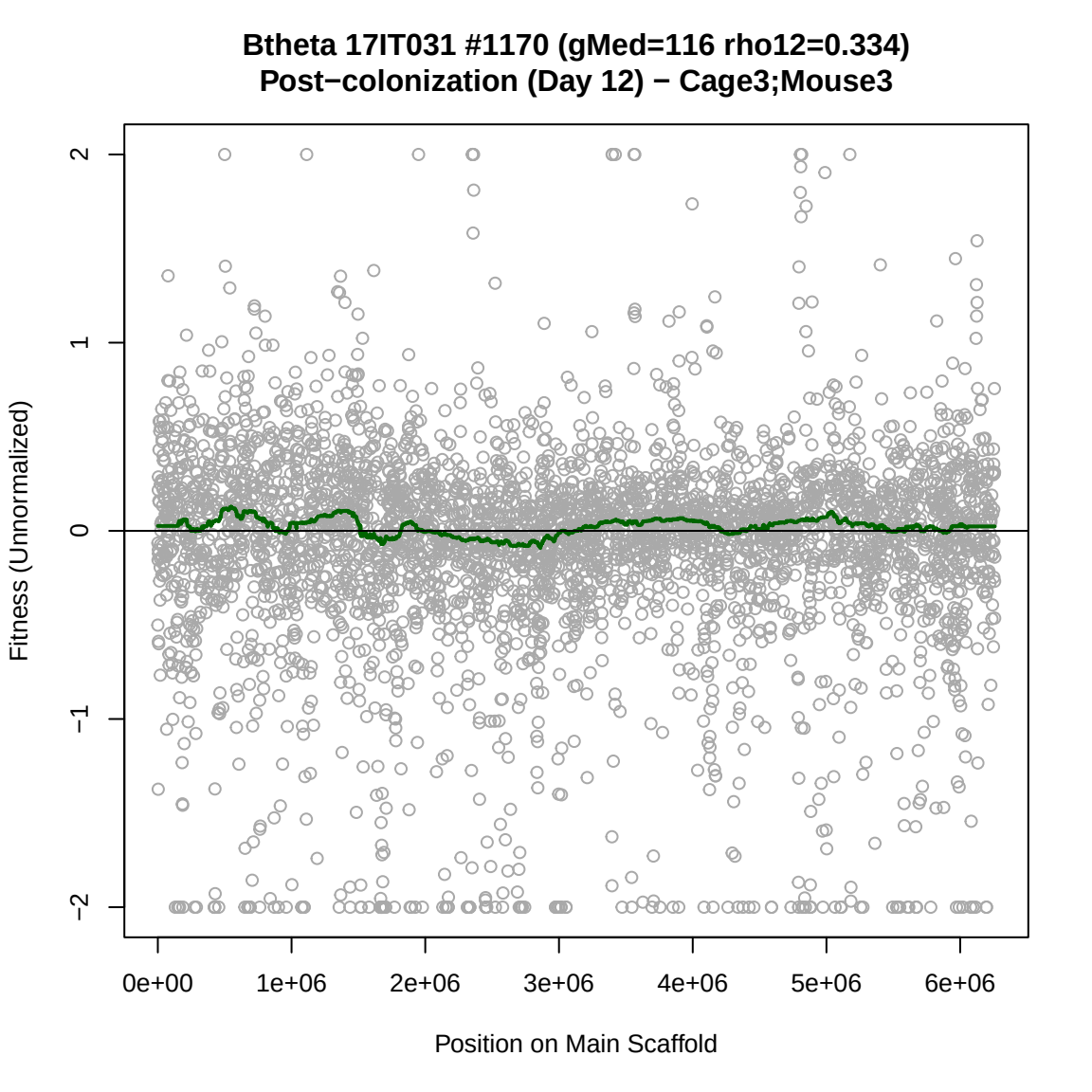

Btheta 17IT026 #1165 (gMed=75 rho12=0.315)
Post−colonization (Day 10) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

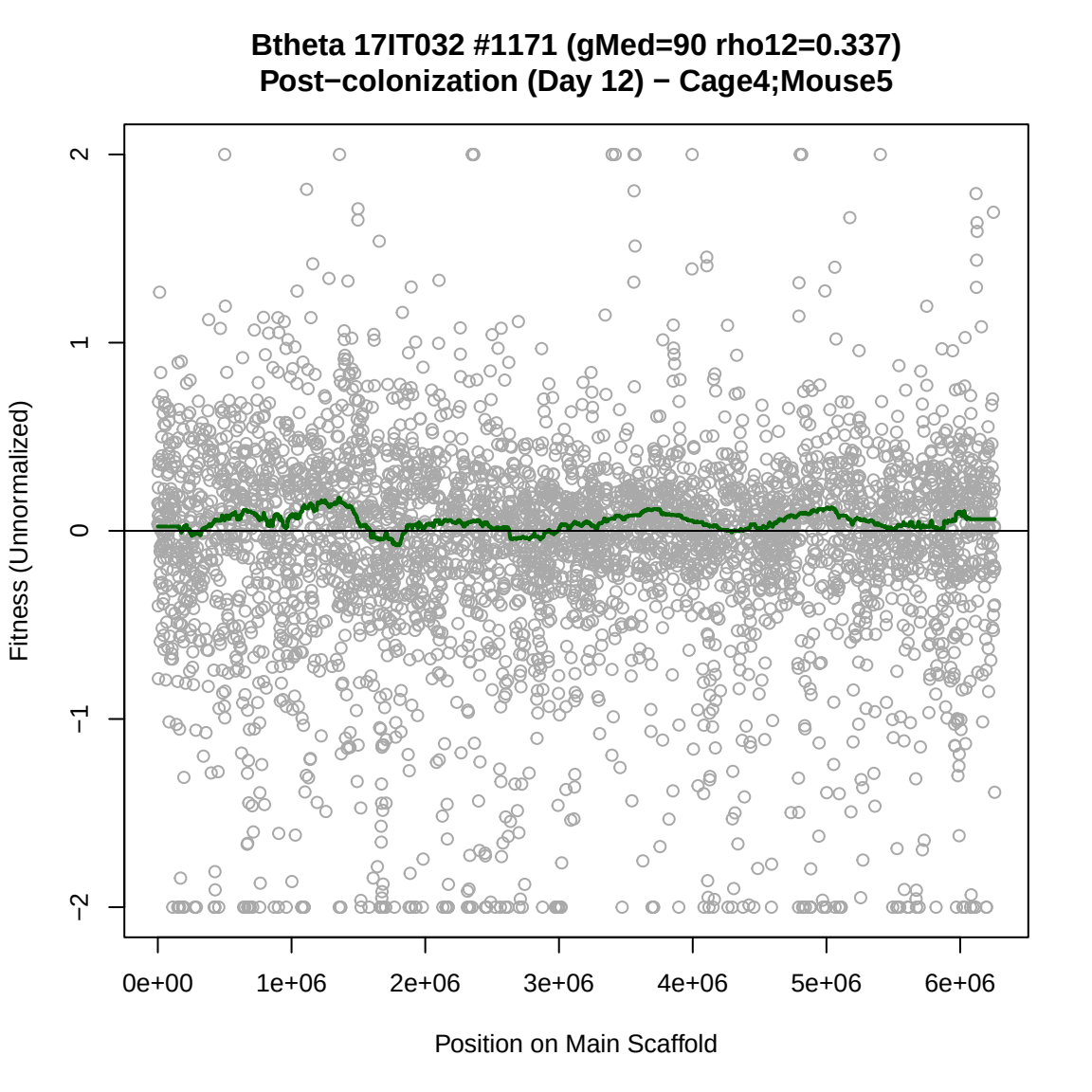

Btheta 17IT027 #1166 (gMed=111 rho12=0.373)
Post−colonization (Day 10) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

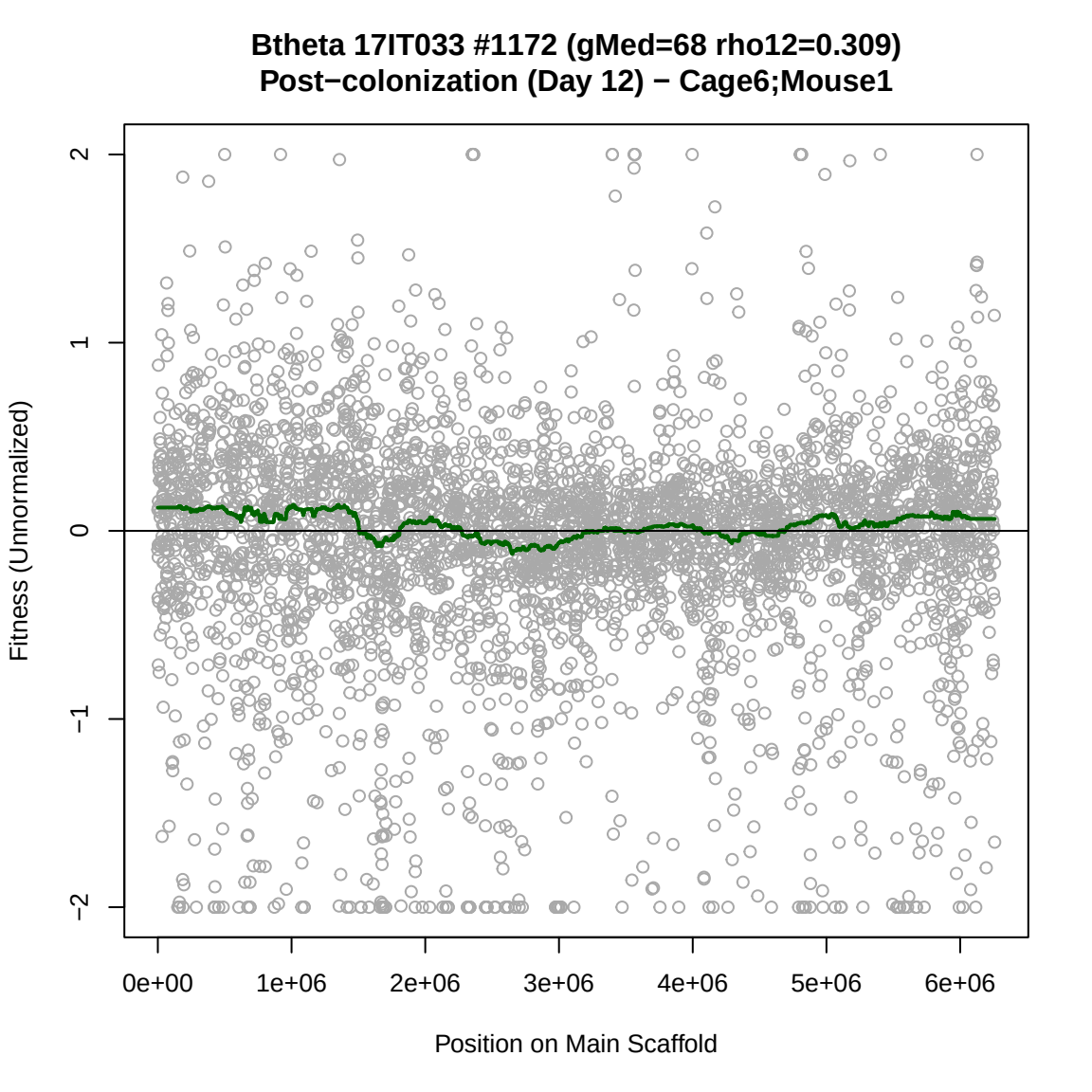

Btheta 17IT028 #1167 (gMed=85 rho12=0.339)
Post−colonization (Day 10) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

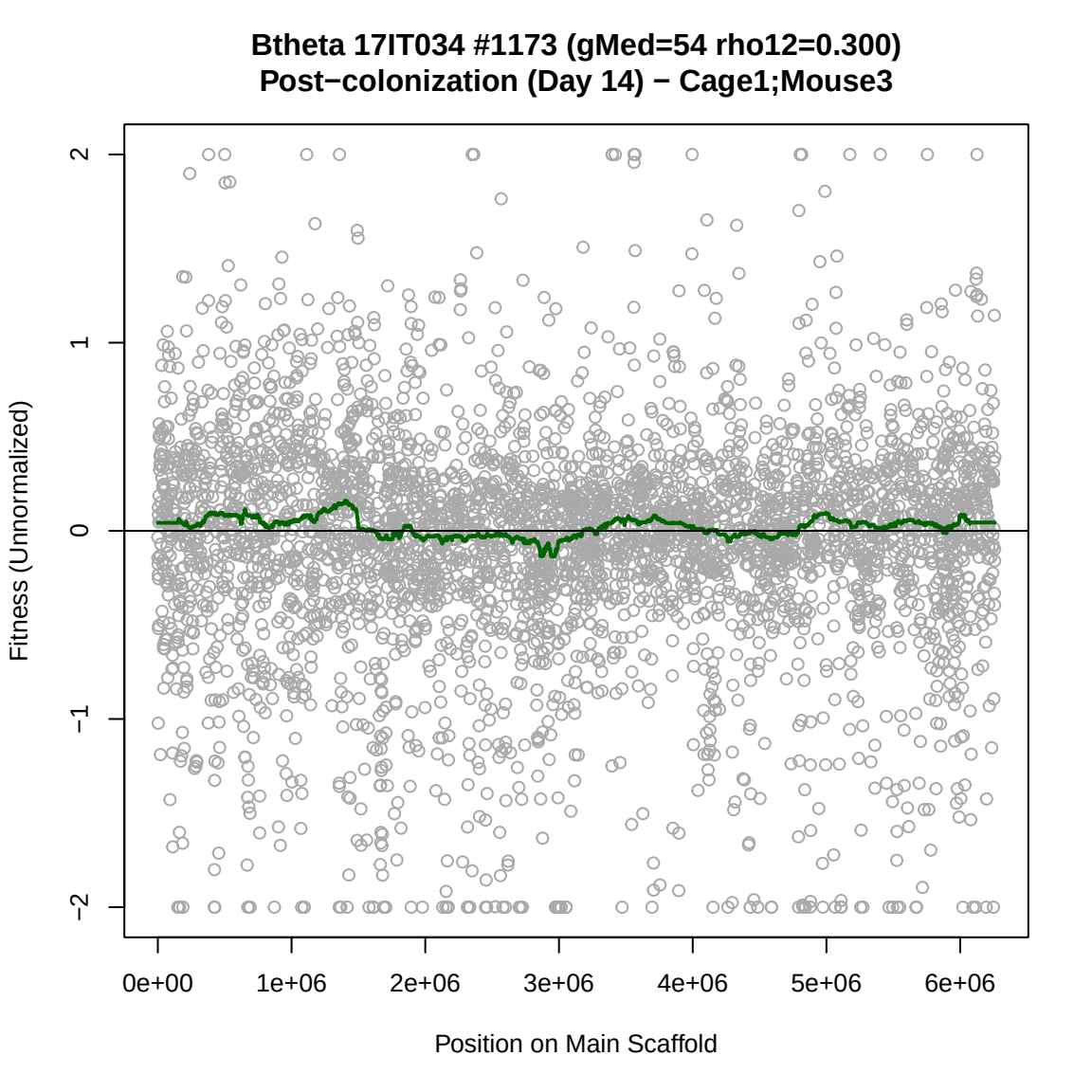

Btheta 17IT029 #1168 (gMed=60 rho12=0.289)
Post−colonization (Day 10) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

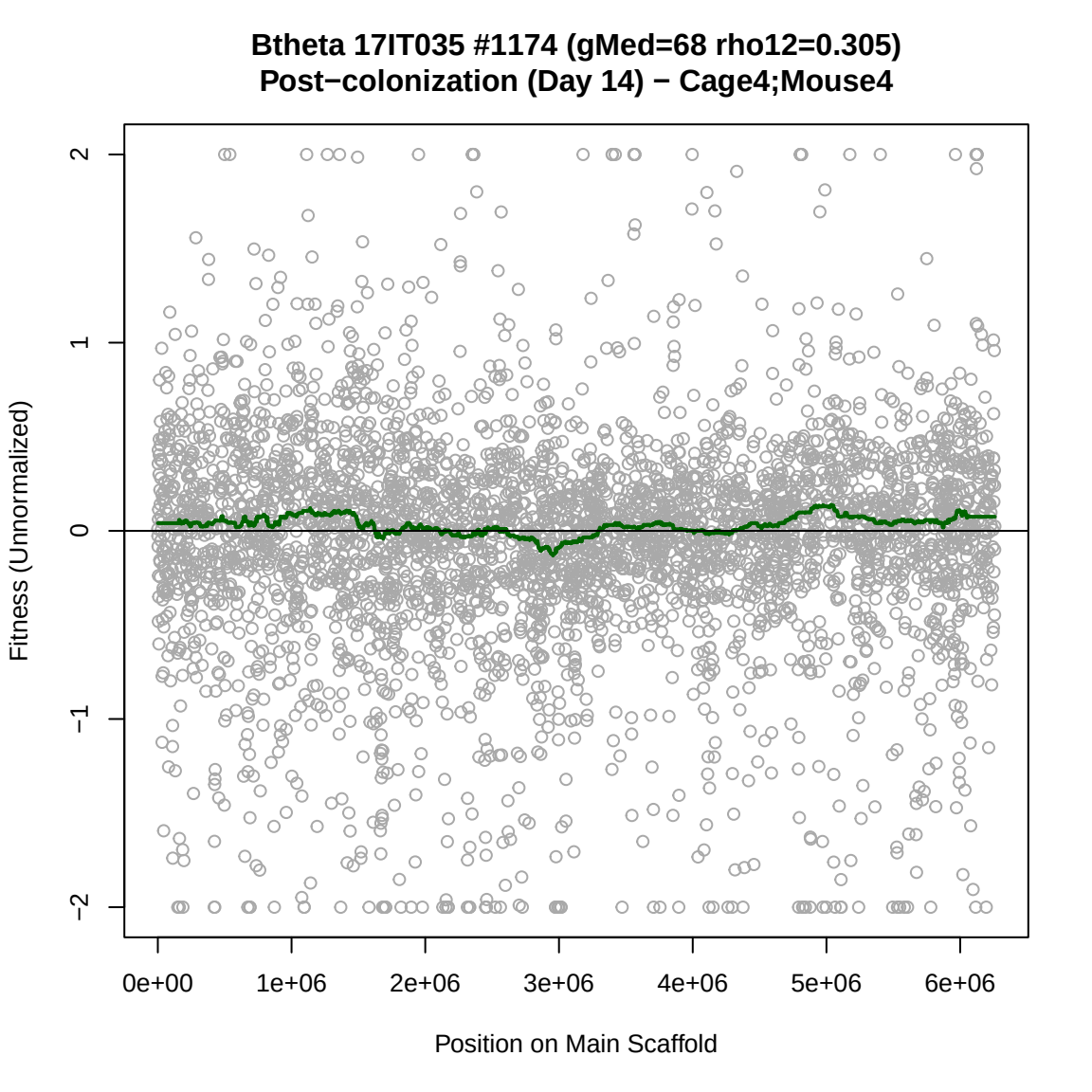

Btheta 17IT030 #1169 (gMed=113 rho12=0.339)
Post−colonization (Day 12) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

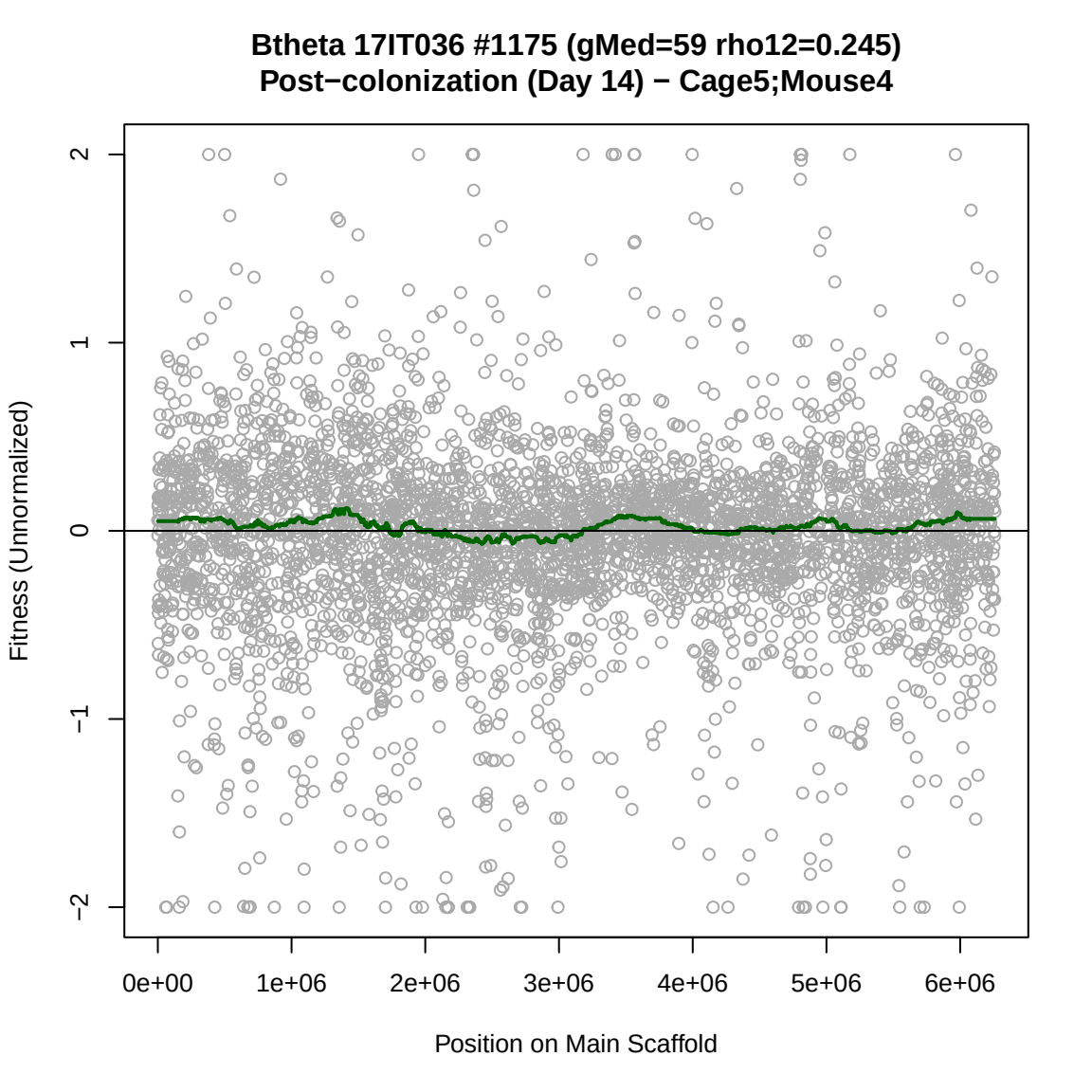

Btheta 17IT031 #1170 (gMed=116 rho12=0.334)
Post−colonization (Day 12) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

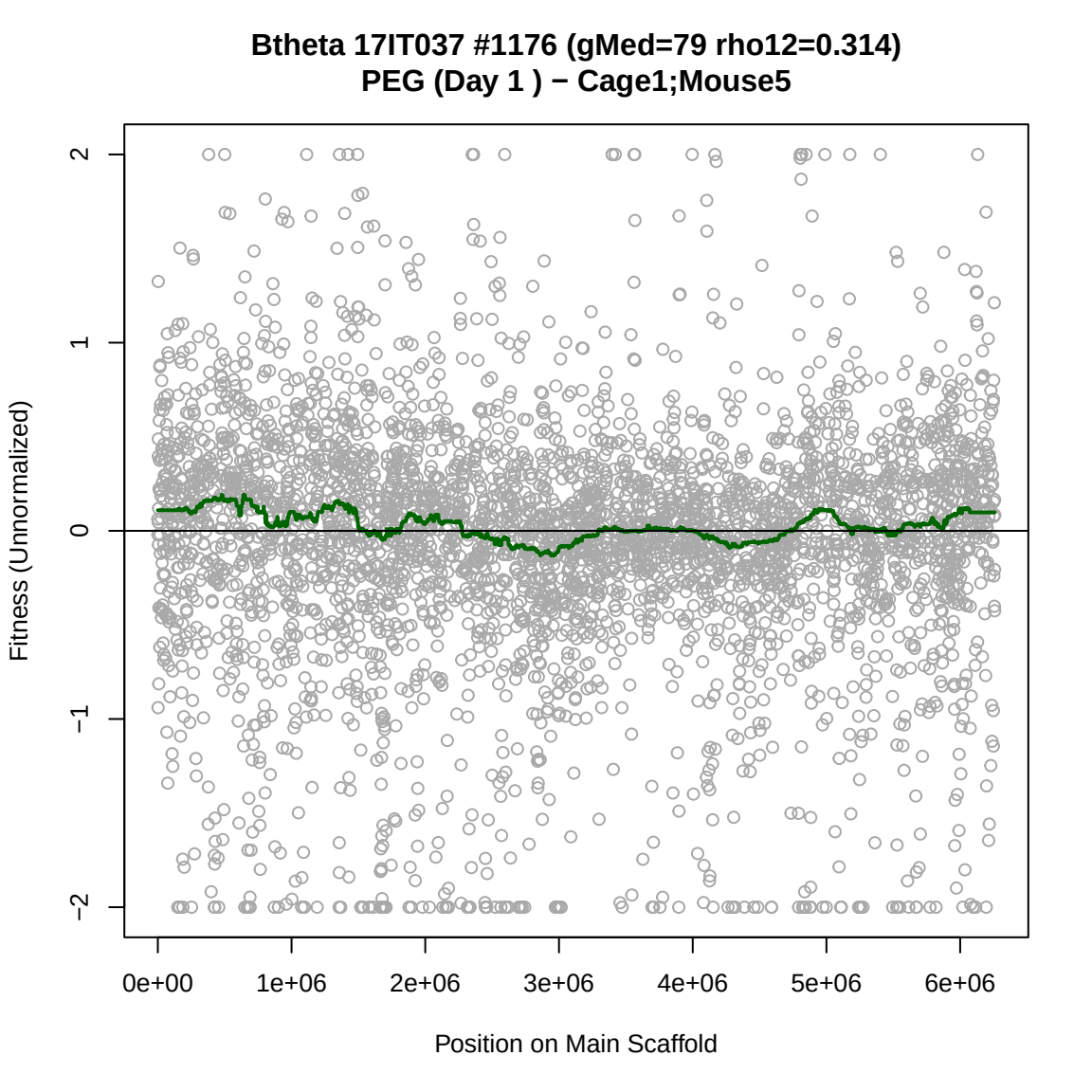

Btheta 17IT032 #1171 (gMed=90 rho12=0.337)
Post−colonization (Day 12) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

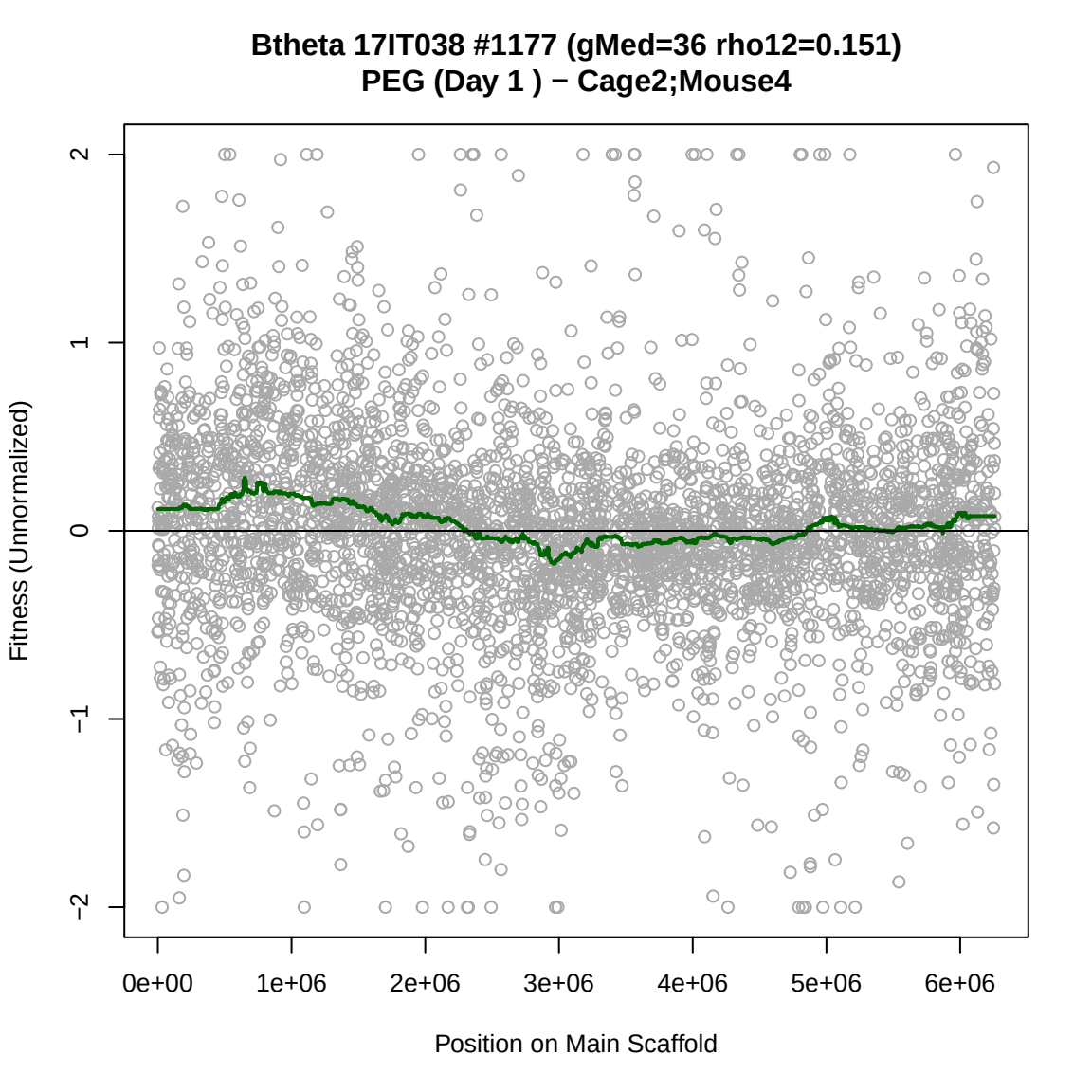

Btheta 17IT033 #1172 (gMed=68 rho12=0.309)
Post−colonization (Day 12) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

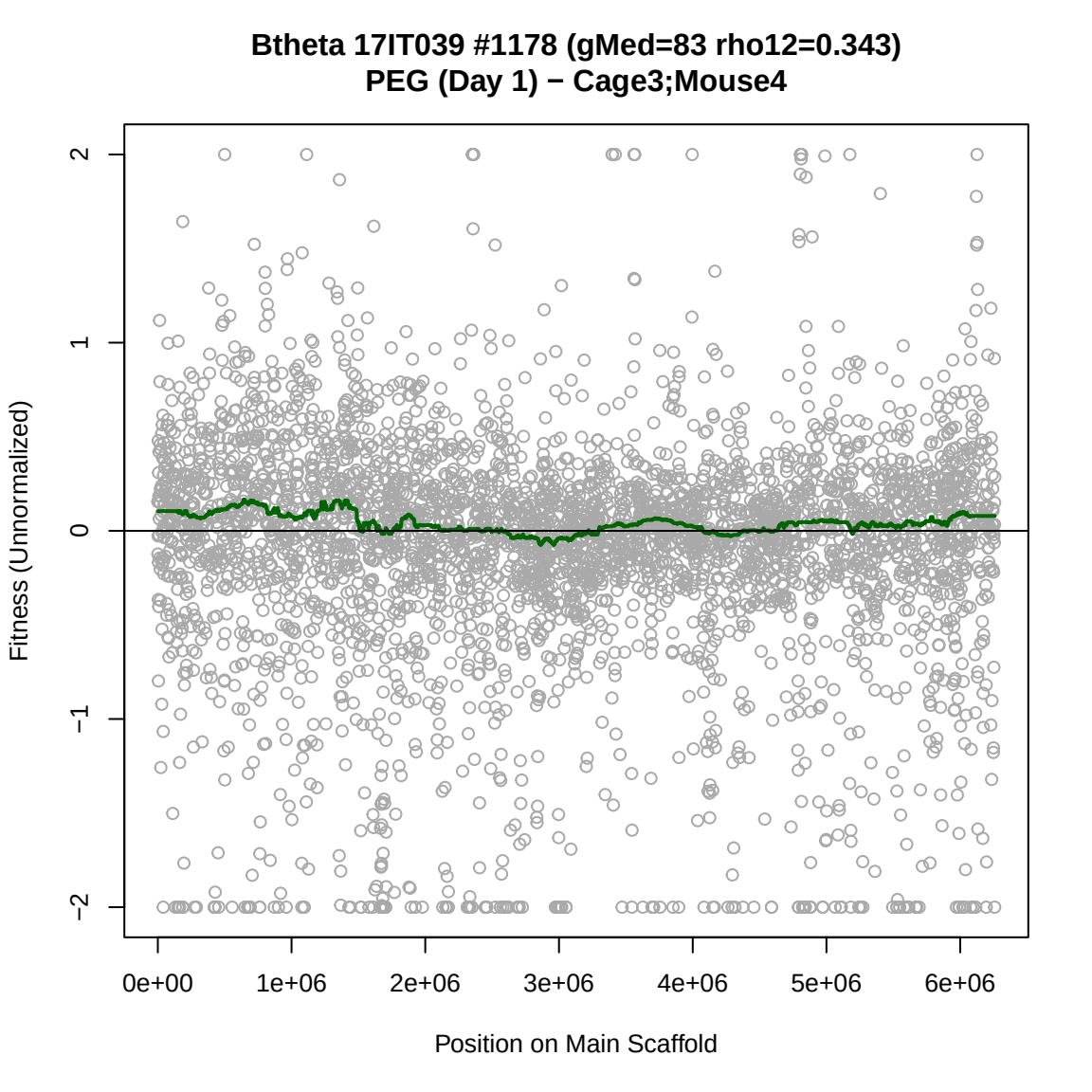

Btheta 17IT034 #1173 (gMed=54 rho12=0.300)
Post−colonization (Day 14) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

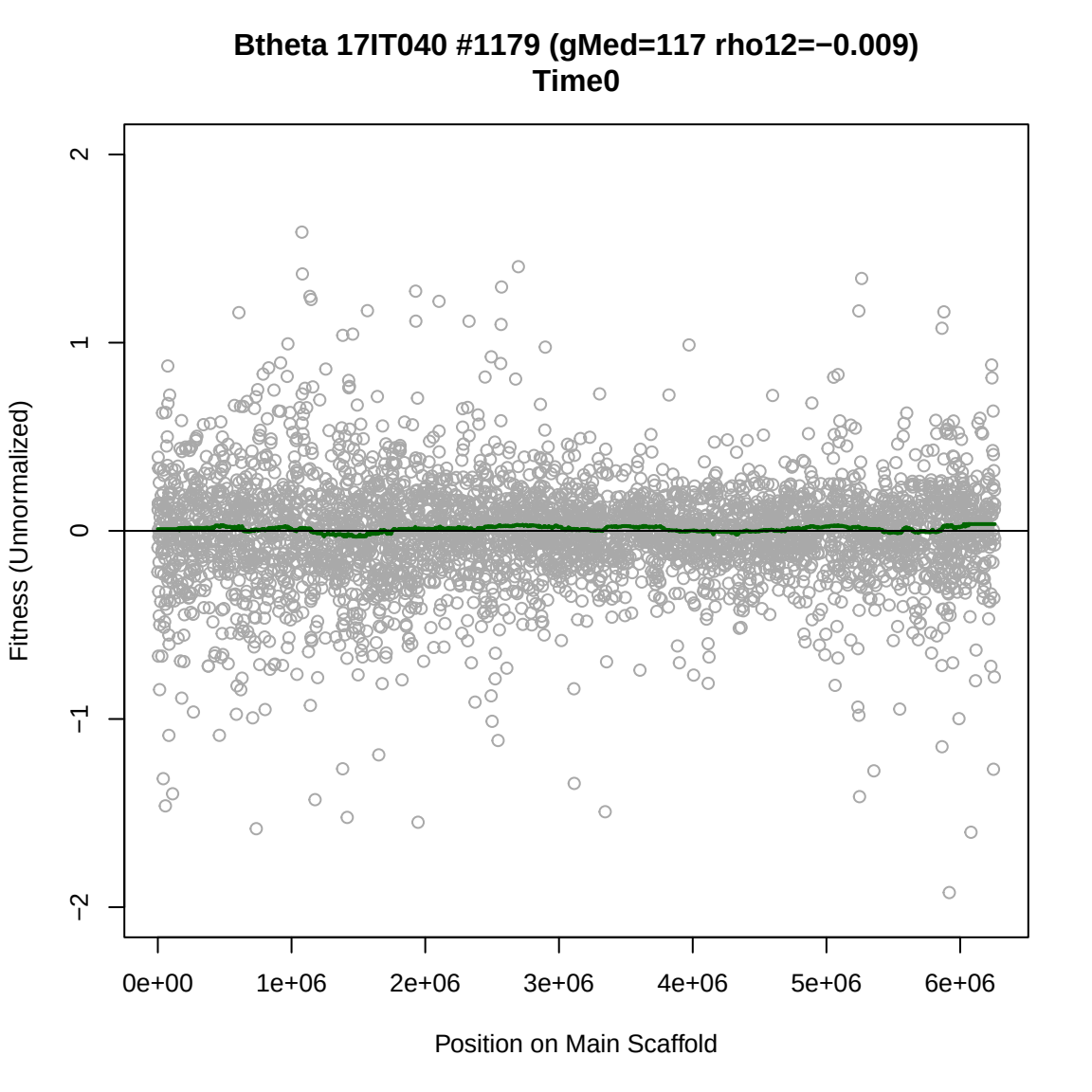

Btheta 17IT035 #1174 (gMed=68 rho12=0.305)
Post−colonization (Day 14) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

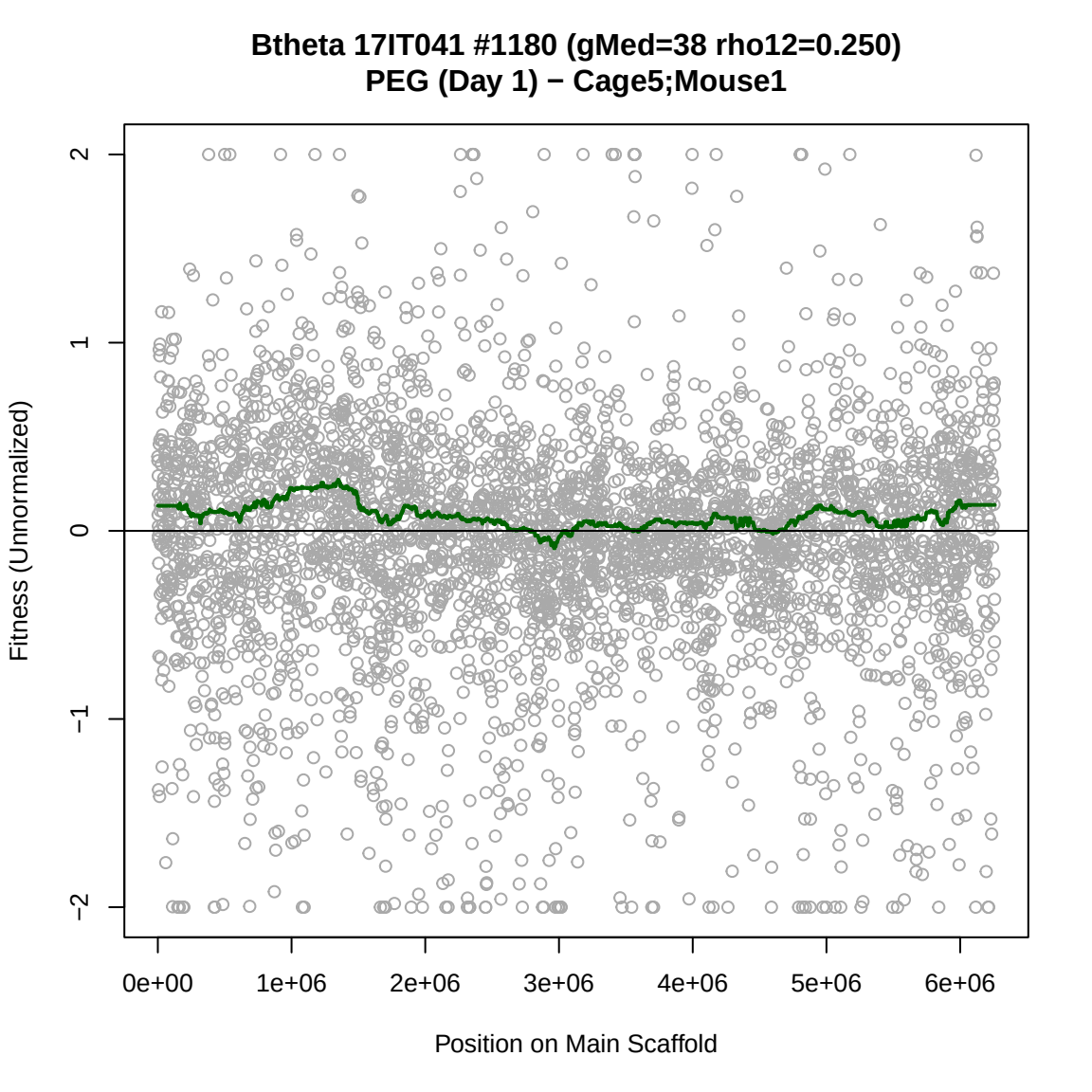

Btheta 17IT036 #1175 (gMed=59 rho12=0.245)
Post−colonization (Day 14) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

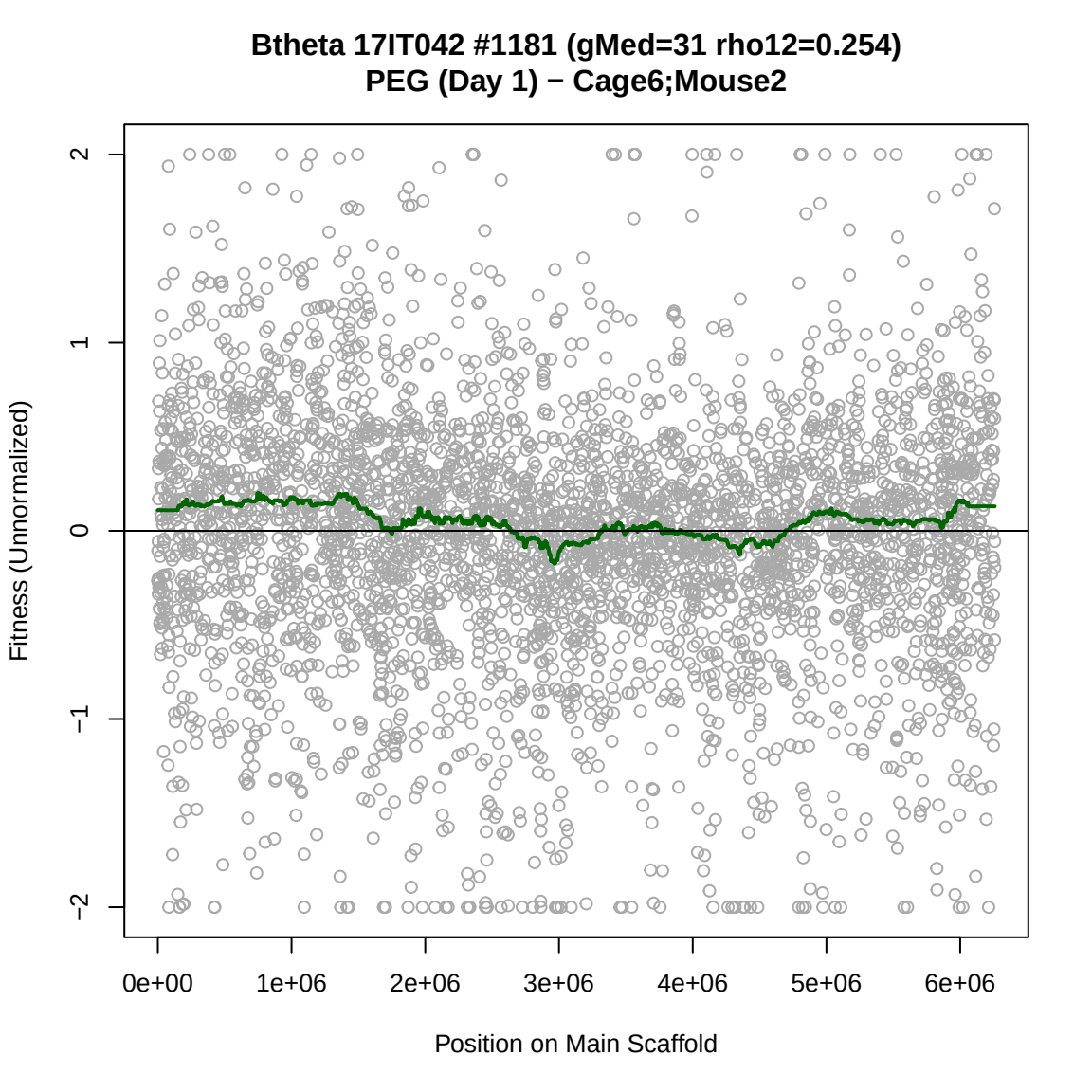

Btheta 17IT037 #1176 (gMed=79 rho12=0.314)
PEG (Day 1) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

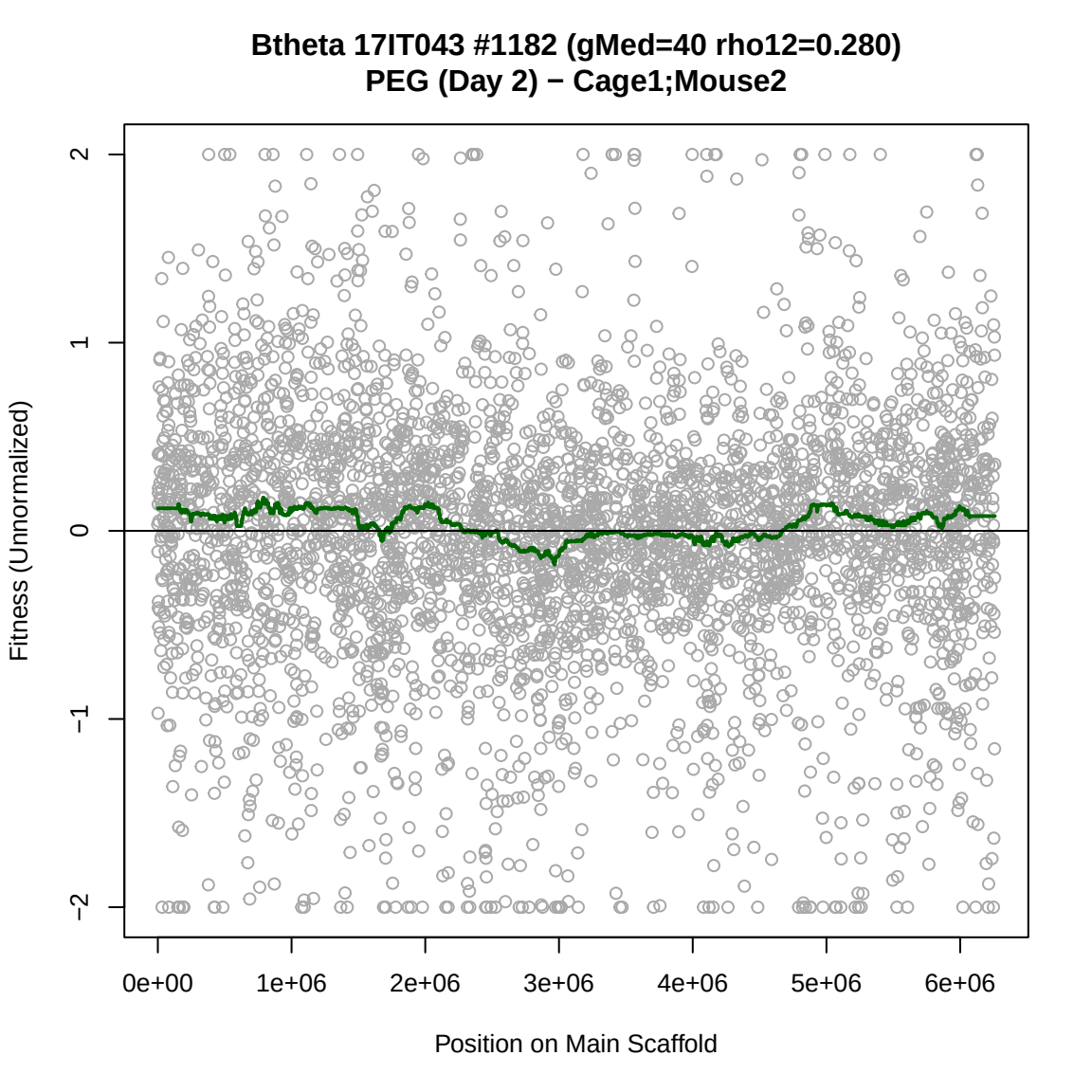

Btheta 17IT038 #1177 (gMed=36 rho12=0.151)
PEG (Day 1) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

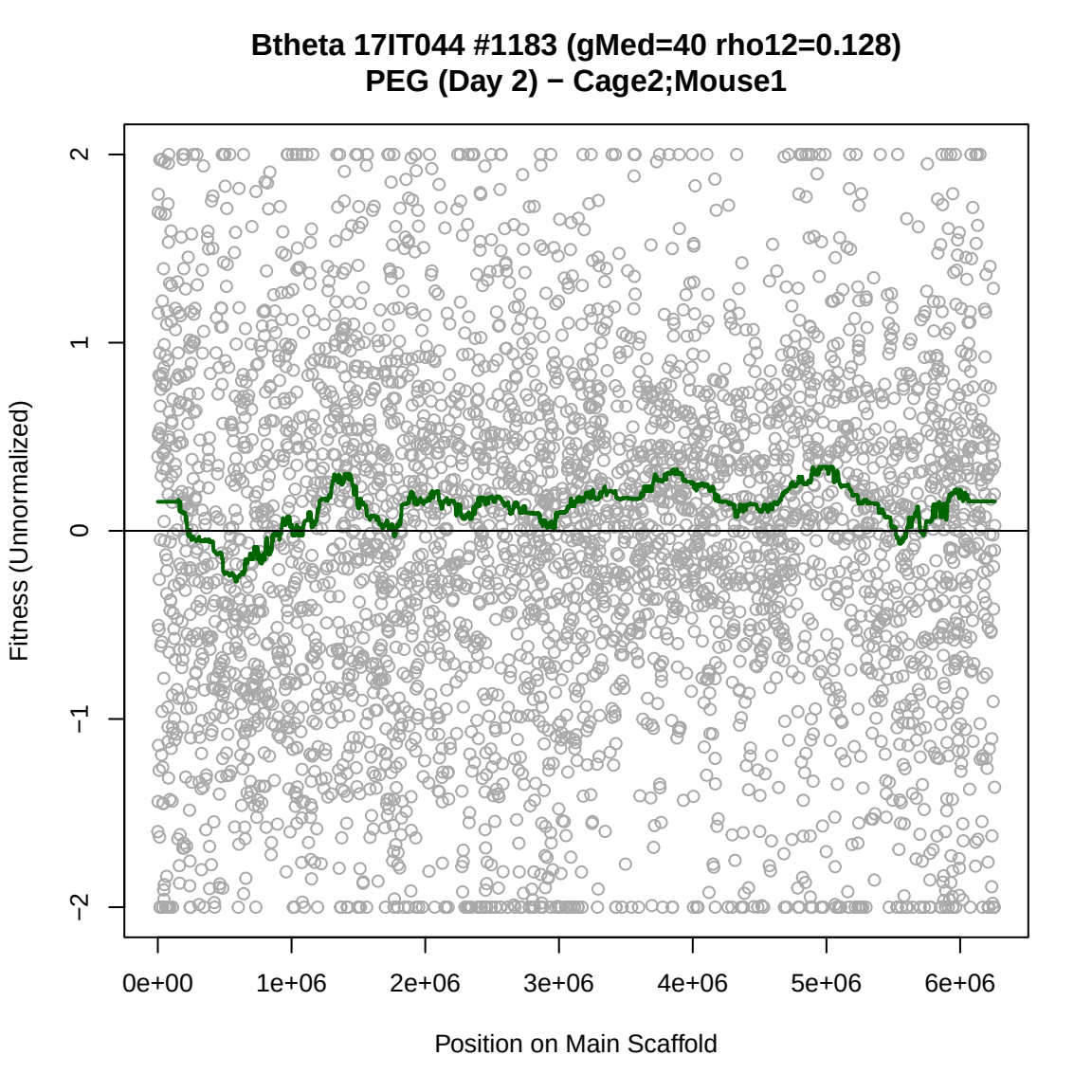

Btheta 17IT039 #1178 (gMed=83 rho12=0.343)
PEG (Day 1) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

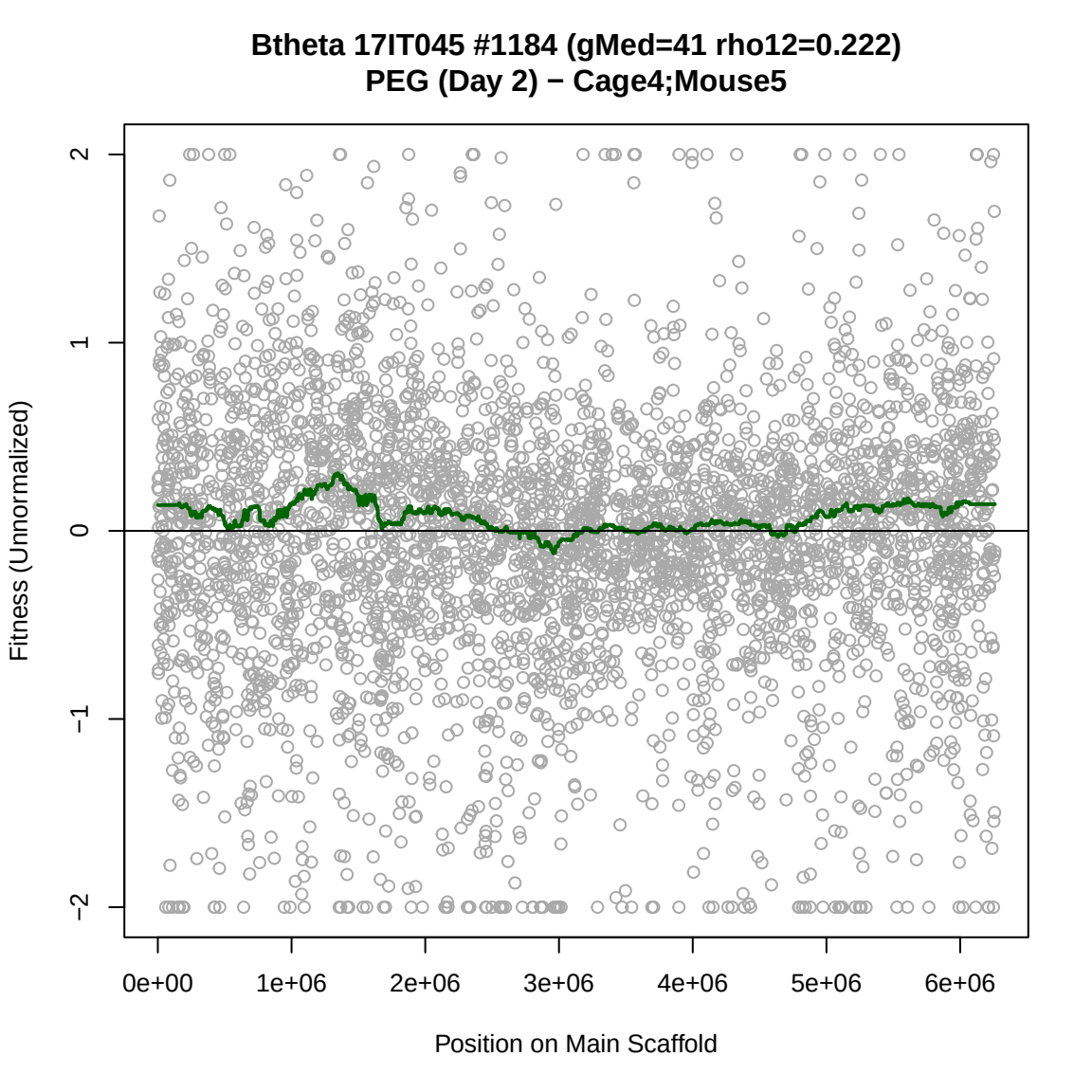

Btheta 17IT040 #1179 (gMed=117 rho12=−0.009)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

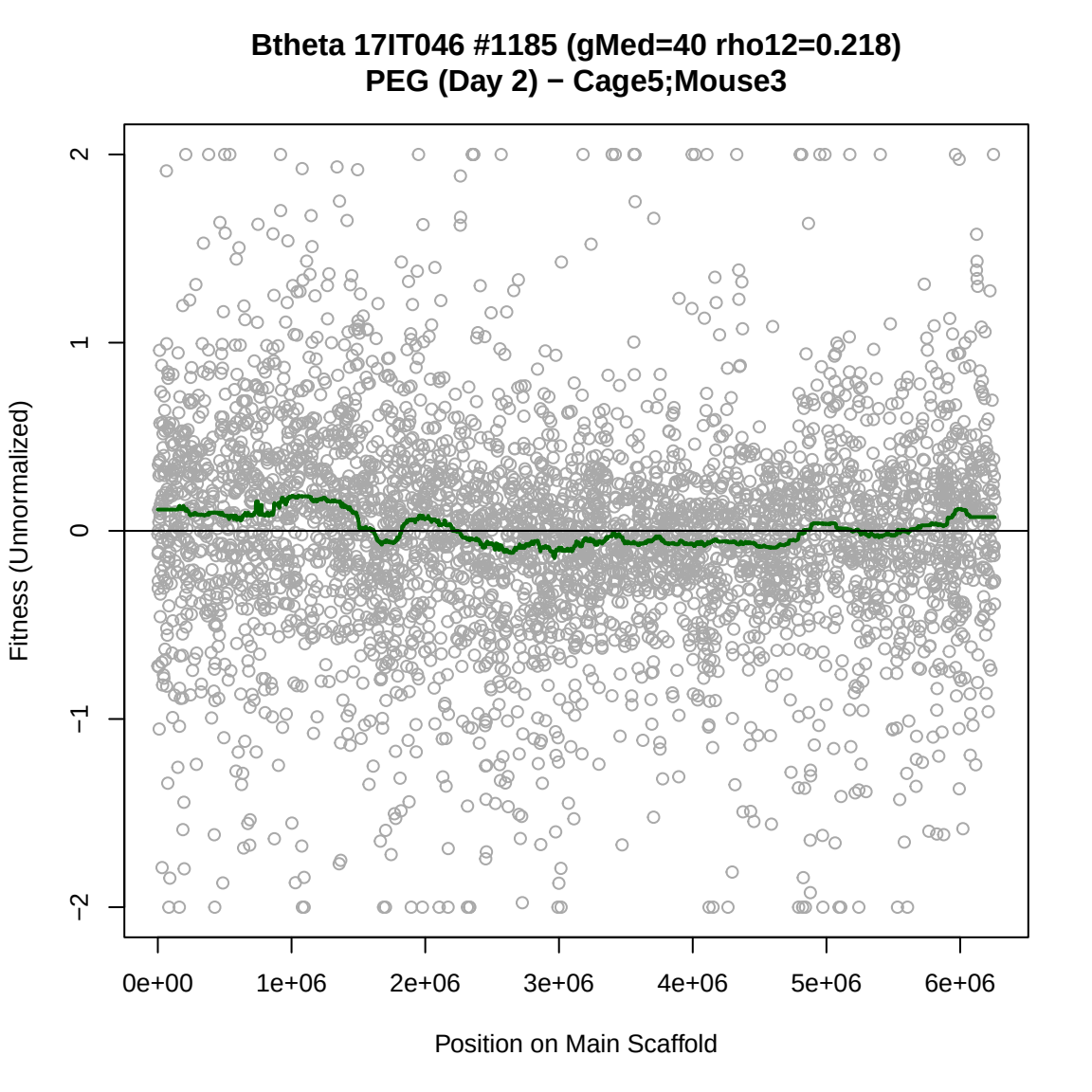

Btheta 17IT041 #1180 (gMed=38 rho12=0.250)
PEG (Day 1) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

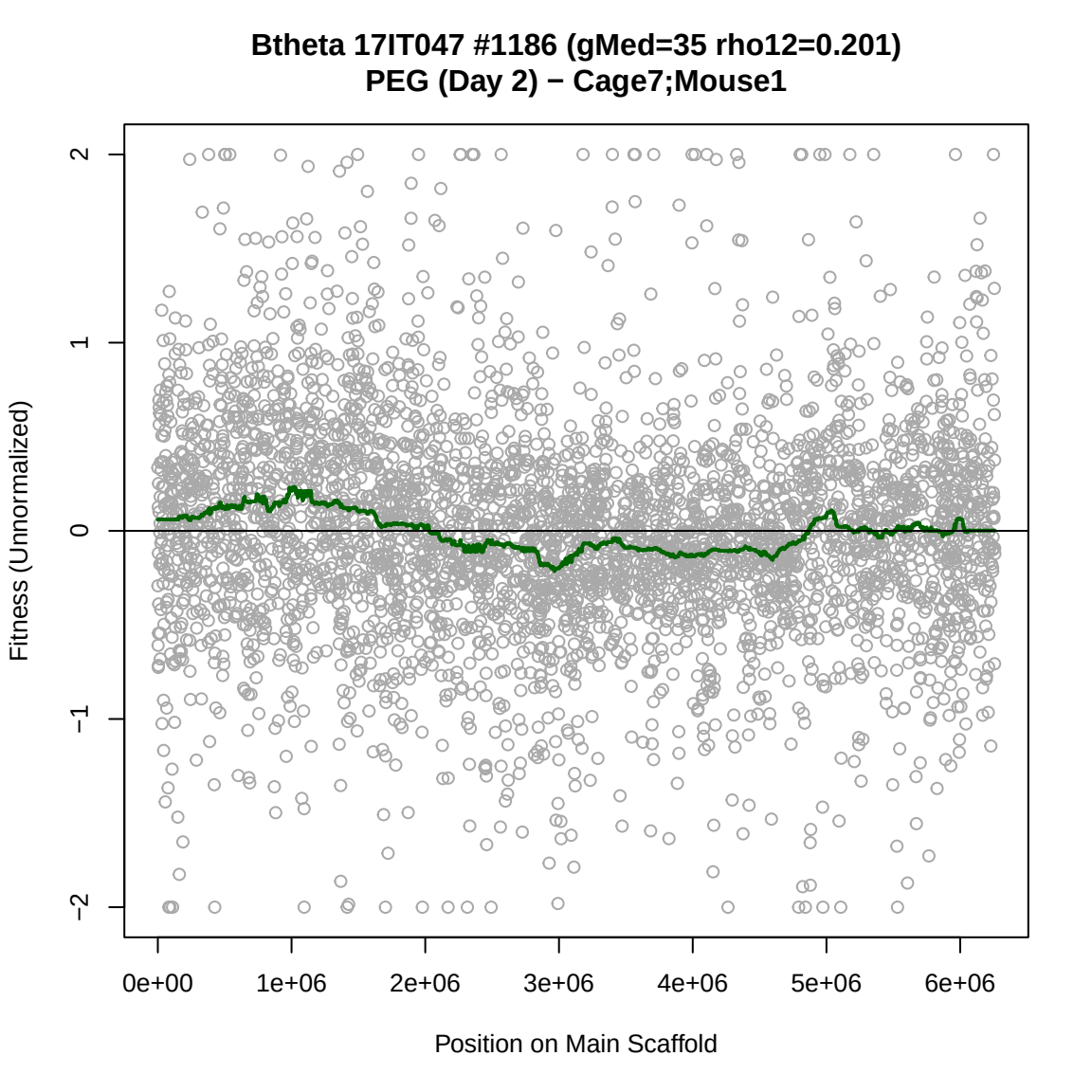

Btheta 17IT042 #1181 (gMed=31 rho12=0.254)
PEG (Day 1) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

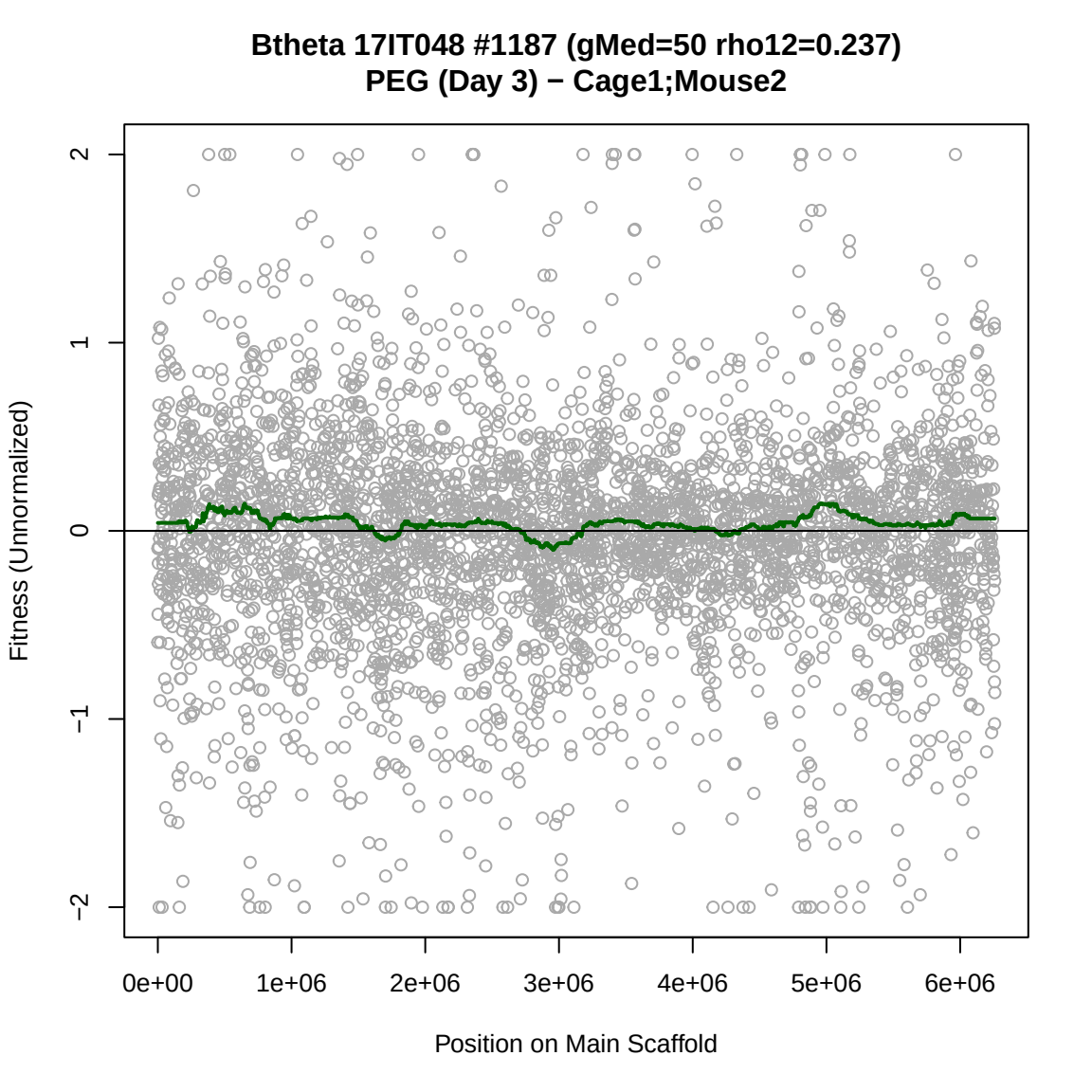

Btheta 17IT043 #1182 (gMed=40 rho12=0.280)
PEG (Day 2) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

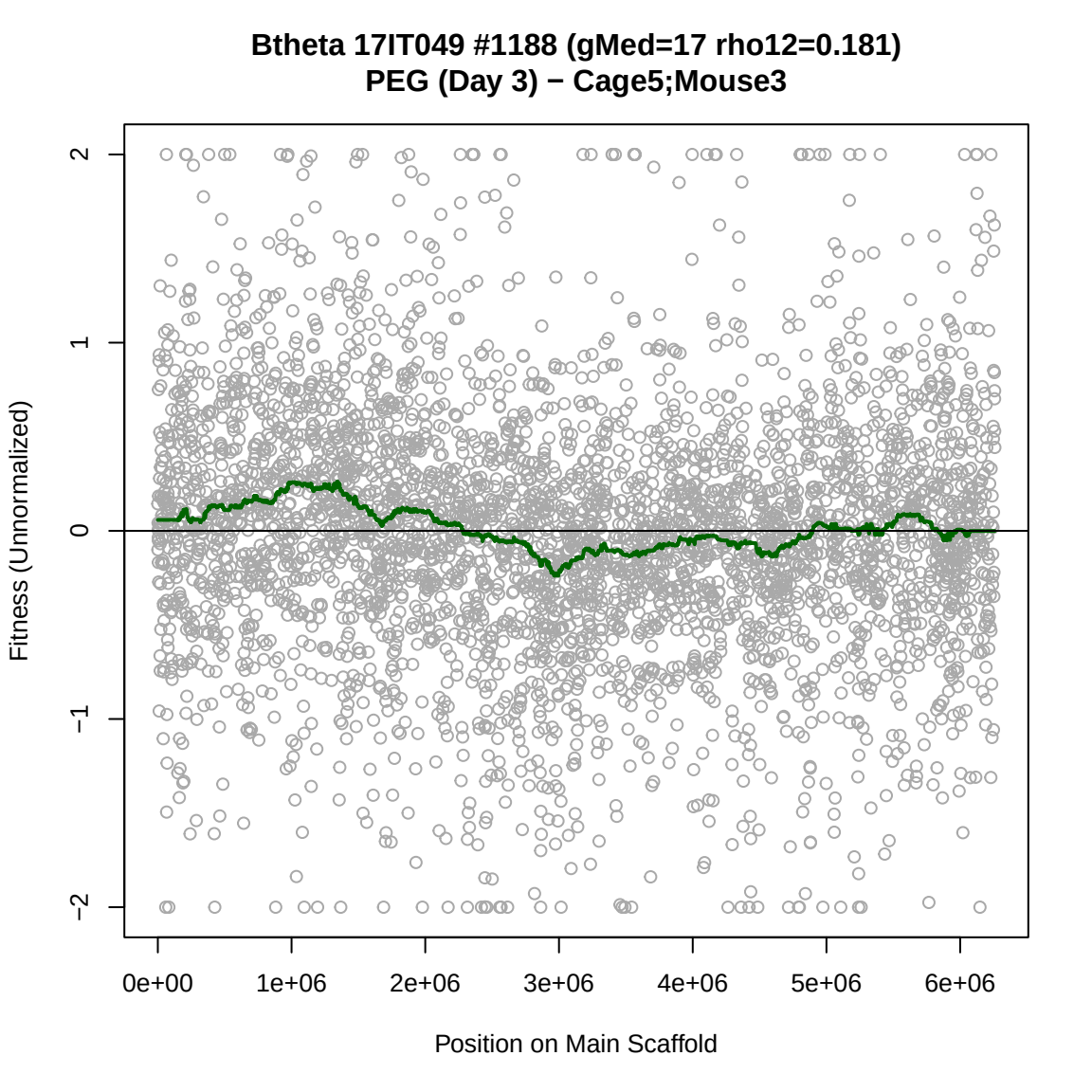

Btheta 17IT044 #1183 (gMed=40 rho12=0.128)
PEG (Day 2) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

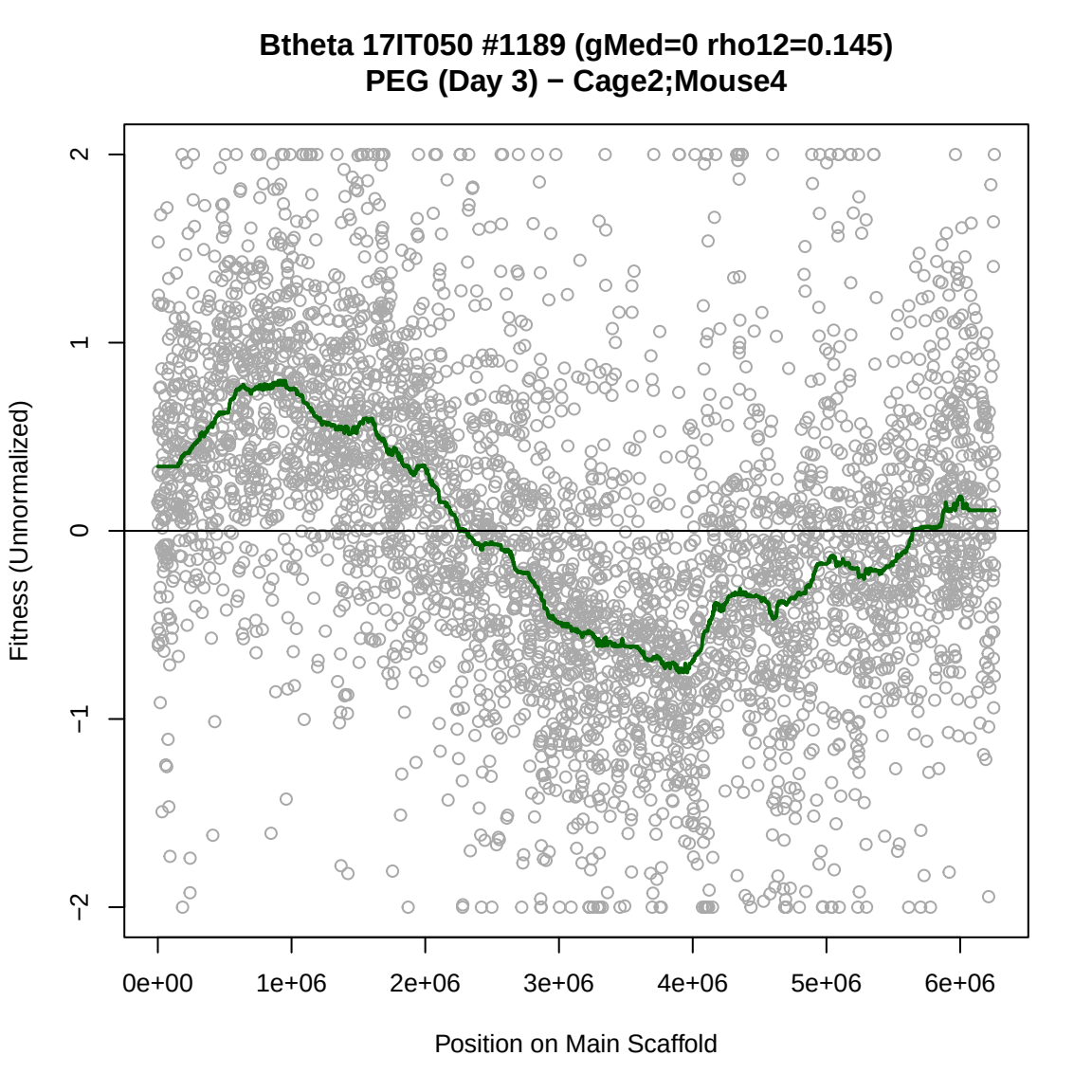

Btheta 17IT045 #1184 (gMed=41 rho12=0.222)
PEG (Day 2) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

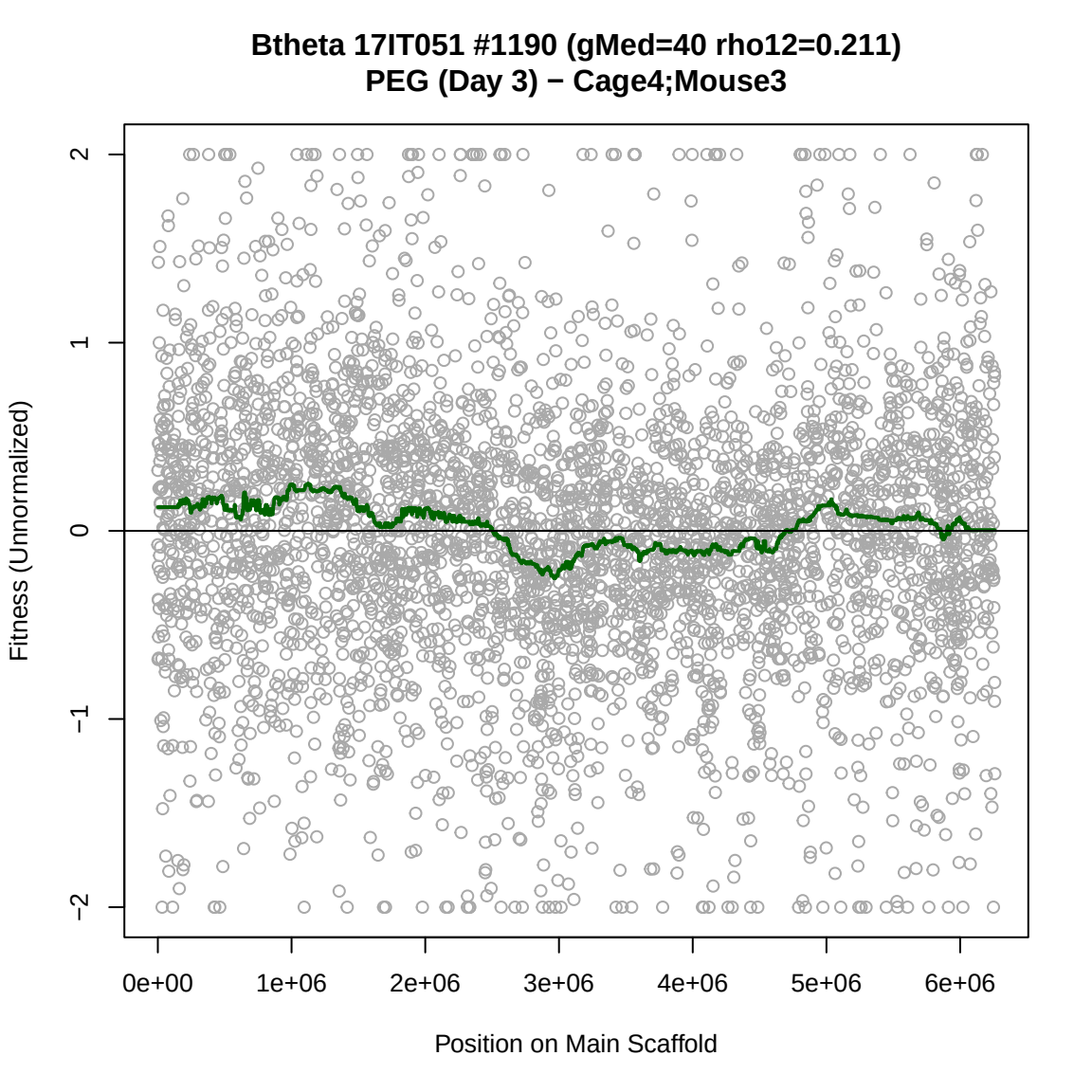

Btheta 17IT046 #1185 (gMed=40 rho12=0.218)
PEG (Day 2) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

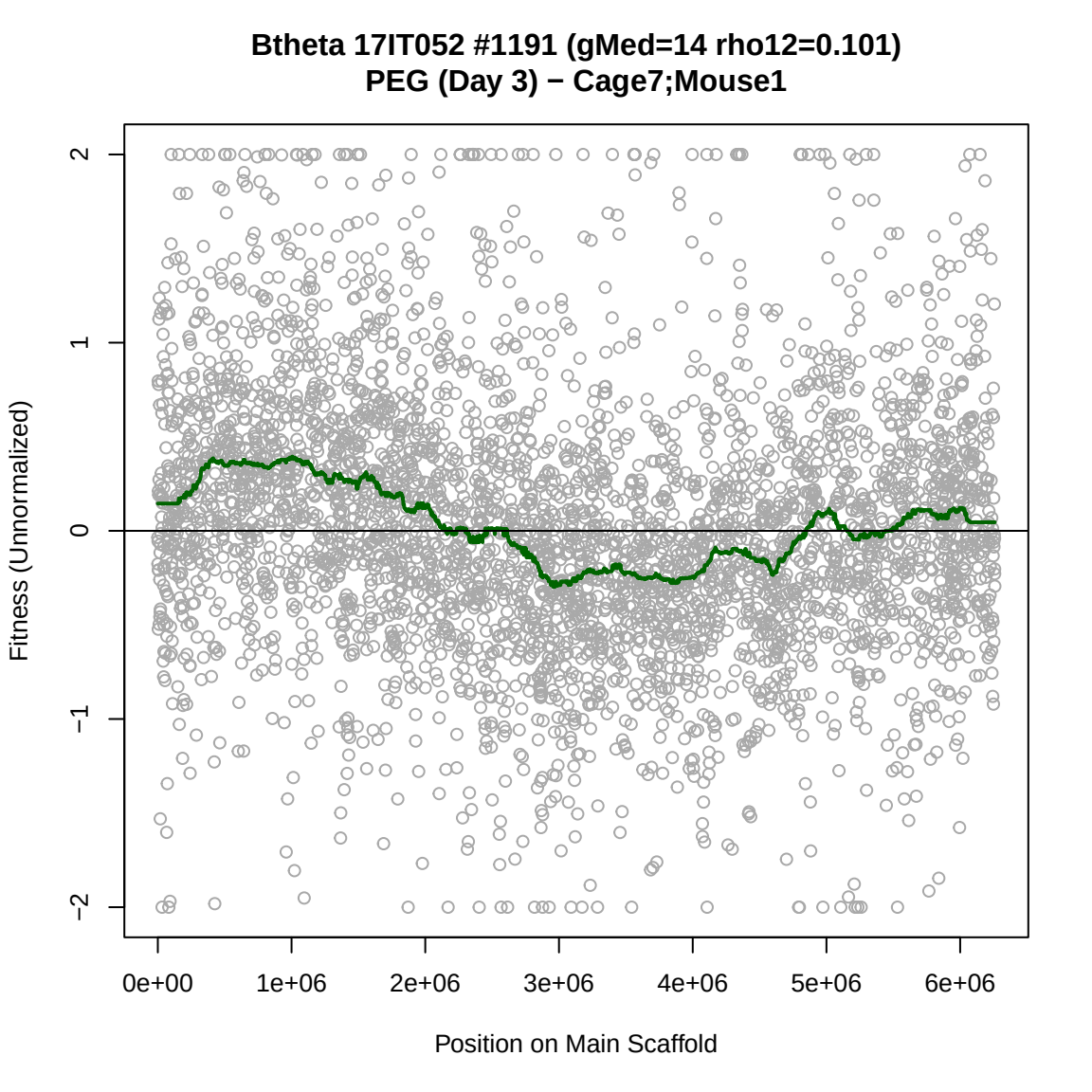

Btheta 17IT047 #1186 (gMed=35 rho12=0.201)
PEG (Day 2) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

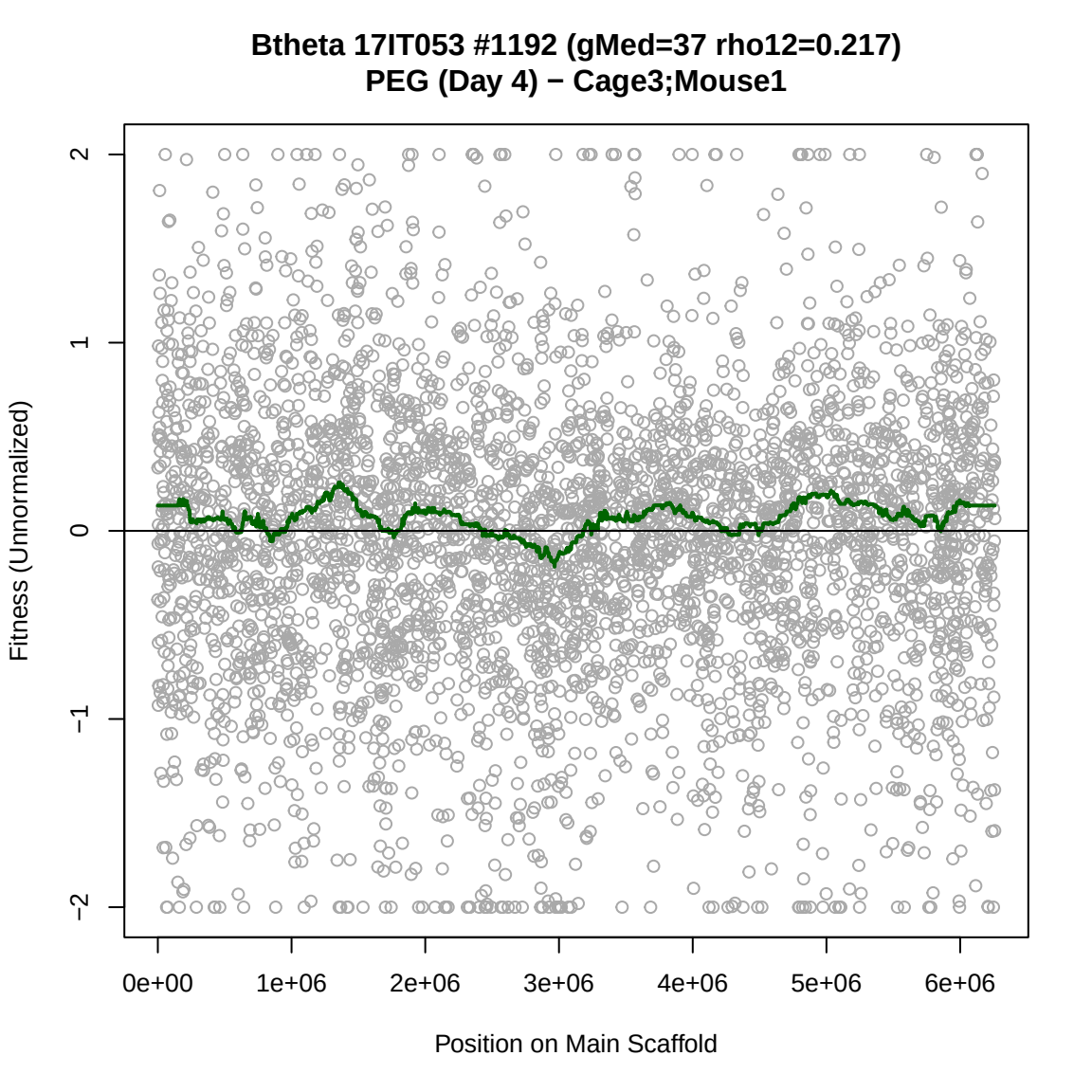

Btheta 17IT048 #1187 (gMed=50 rho12=0.237)
PEG (Day 3) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

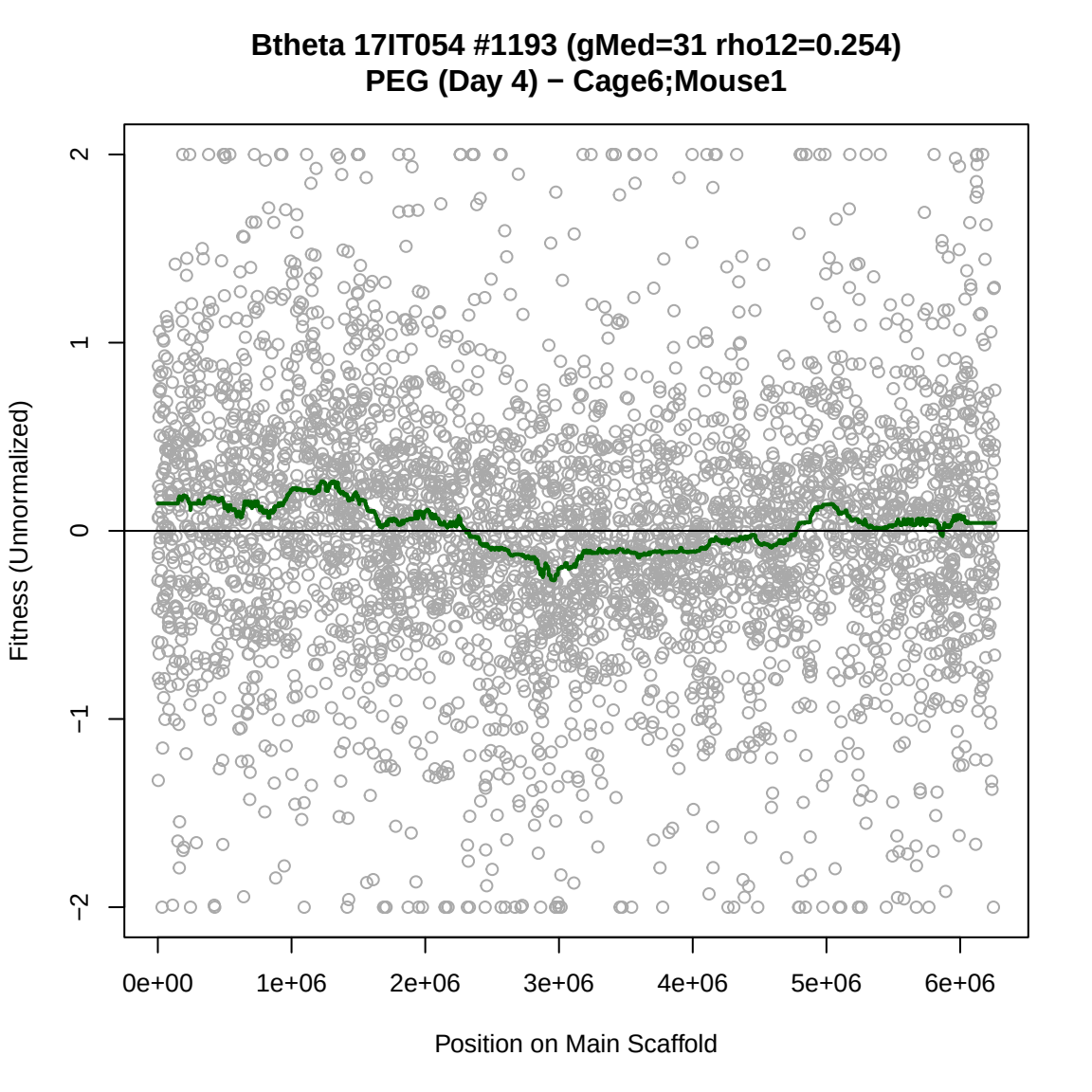

Btheta 17IT049 #1188 (gMed=17 rho12=0.181)
PEG (Day 3) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

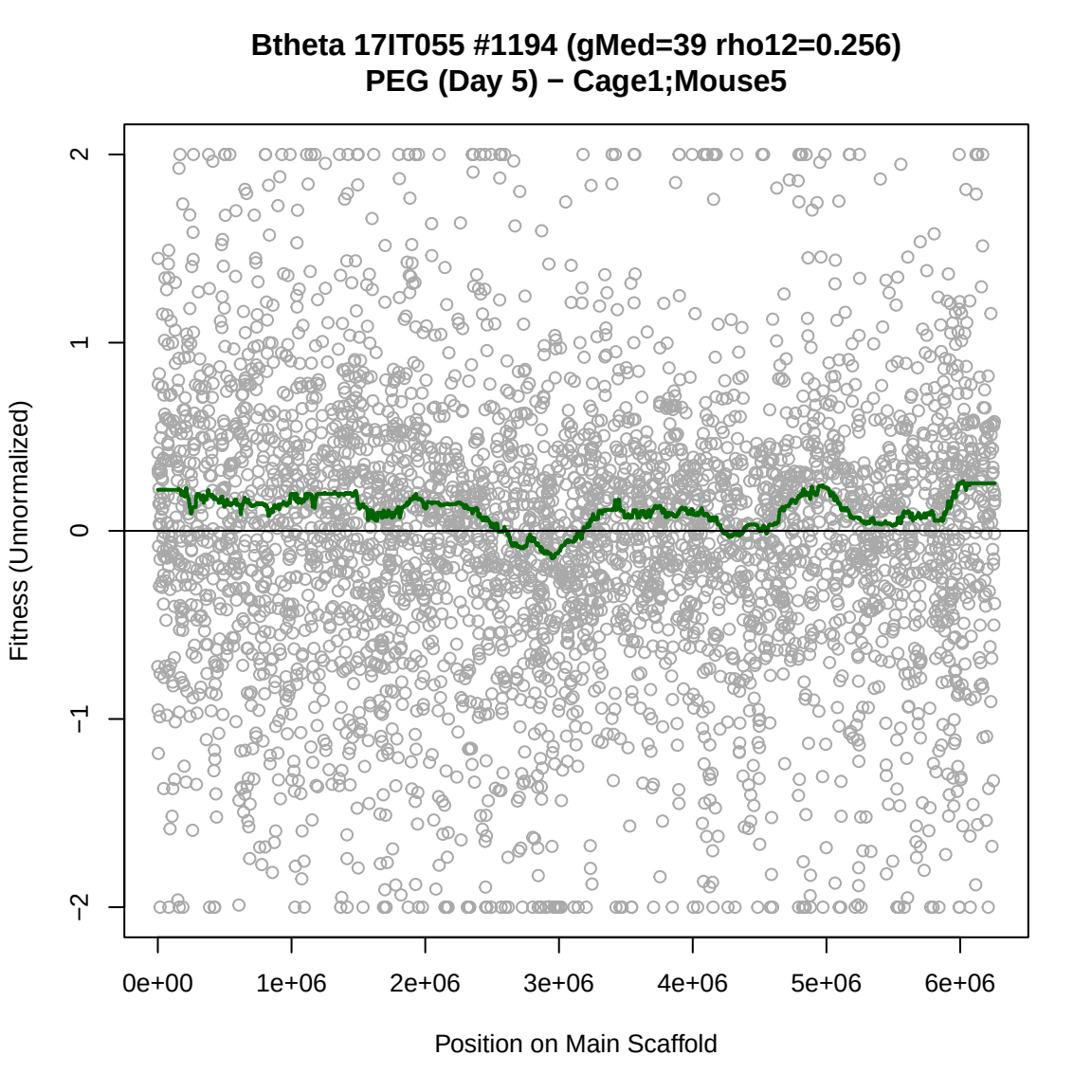

Btheta 17IT050 #1189 (gMed=0 rho12=0.145)
PEG (Day 3) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

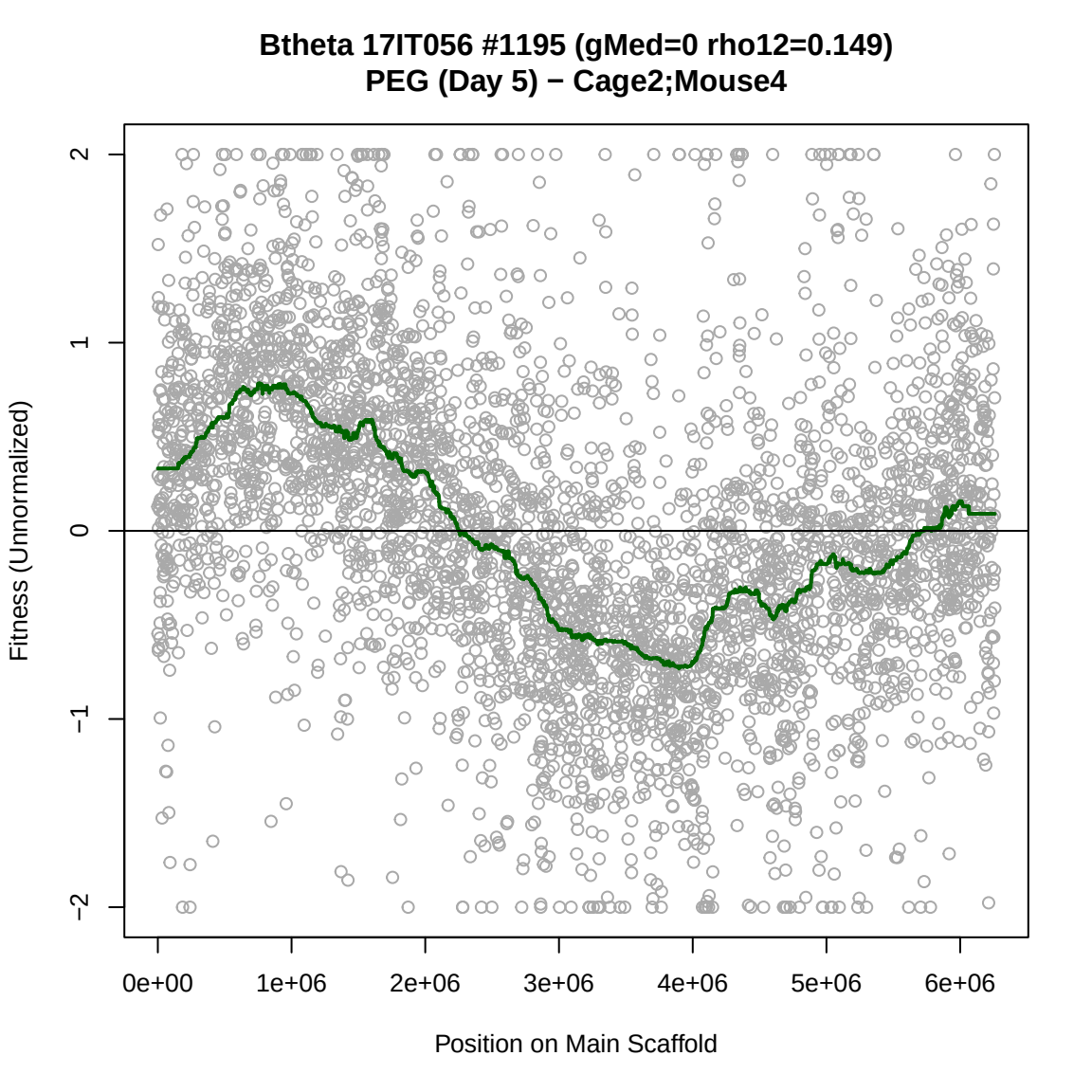

Btheta 17IT051 #1190 (gMed=40 rho12=0.211)
PEG (Day 3) − Cage4;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

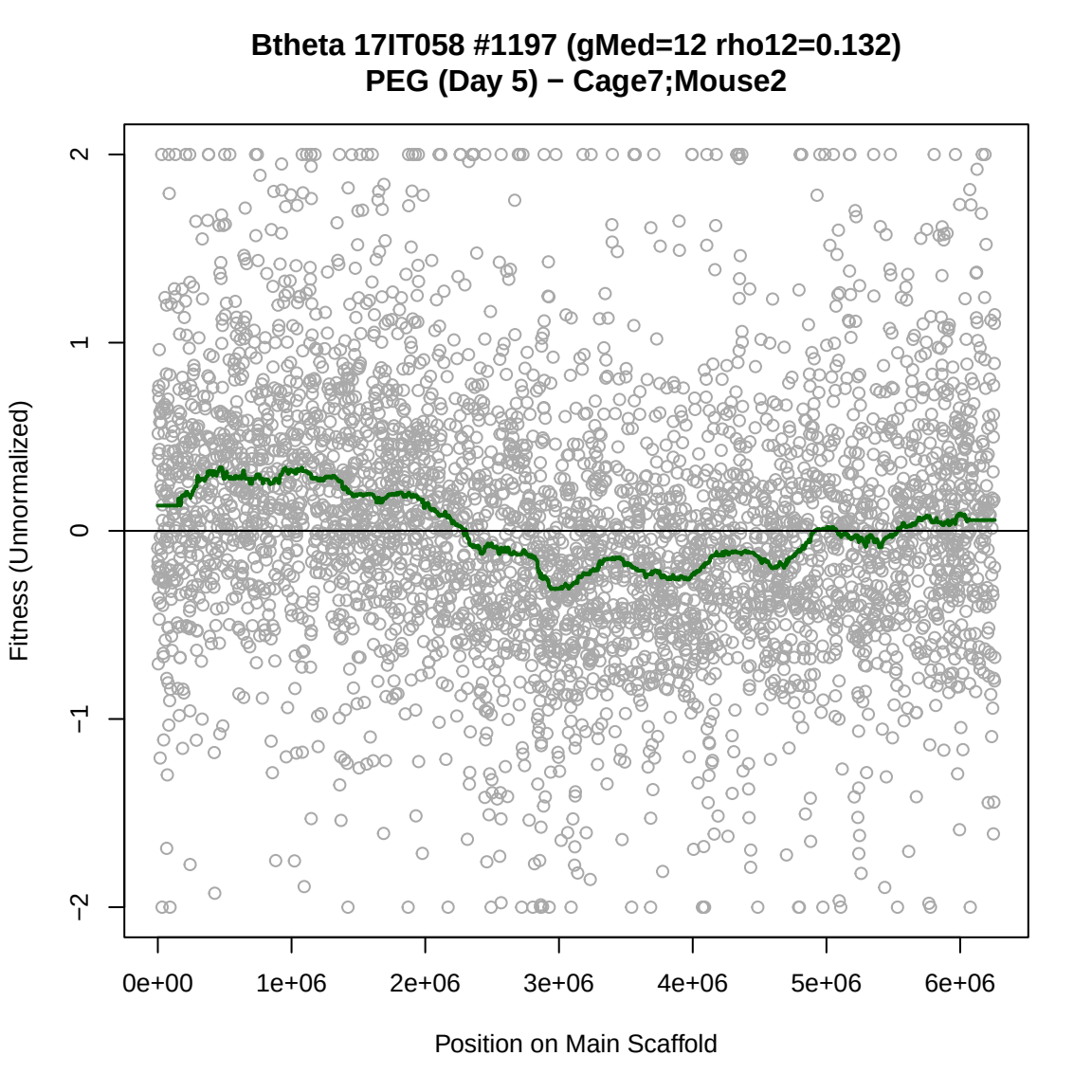

Btheta 17IT052 #1191 (gMed=14 rho12=0.101)
PEG (Day 3) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

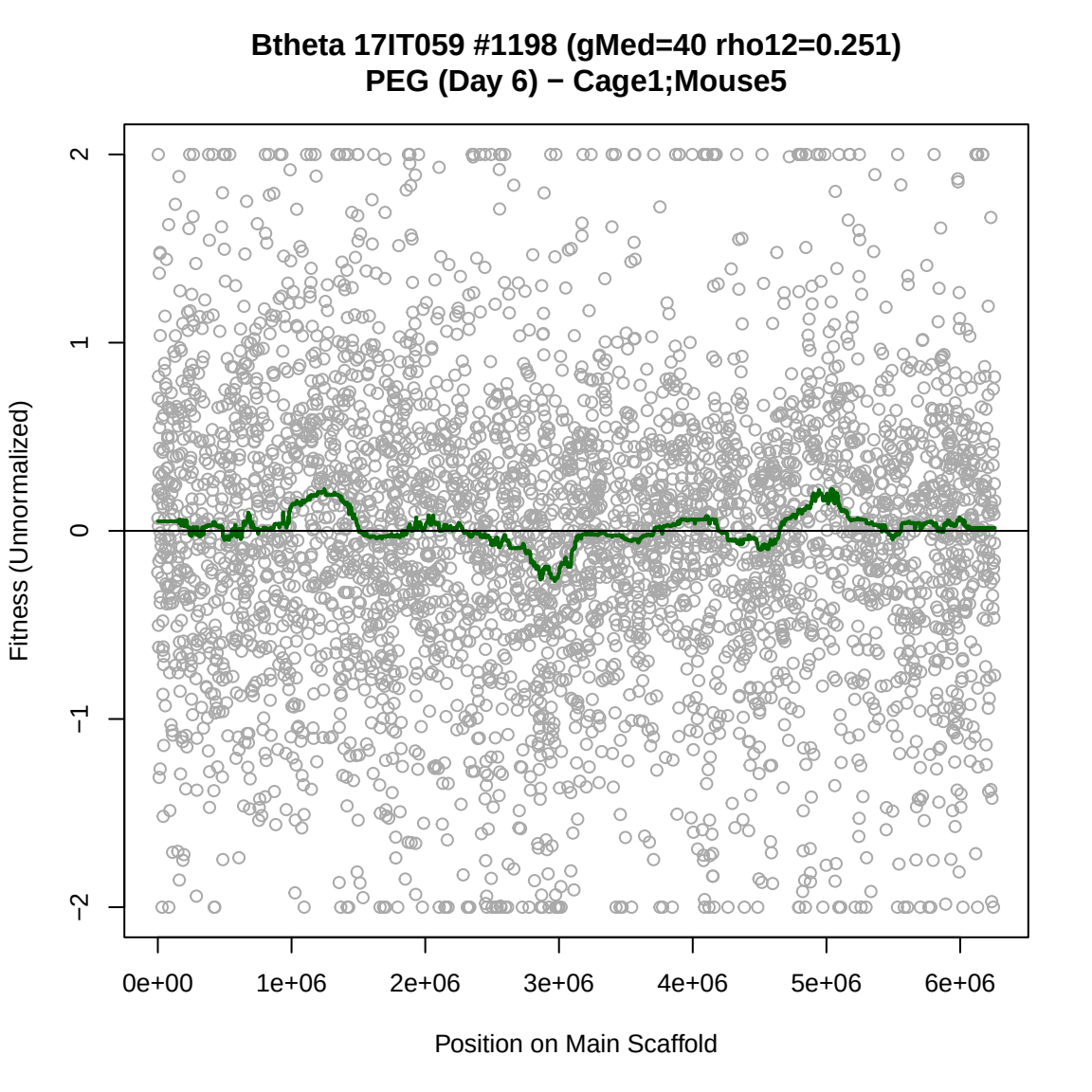

Btheta 17IT053 #1192 (gMed=37 rho12=0.217)
PEG (Day 4) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

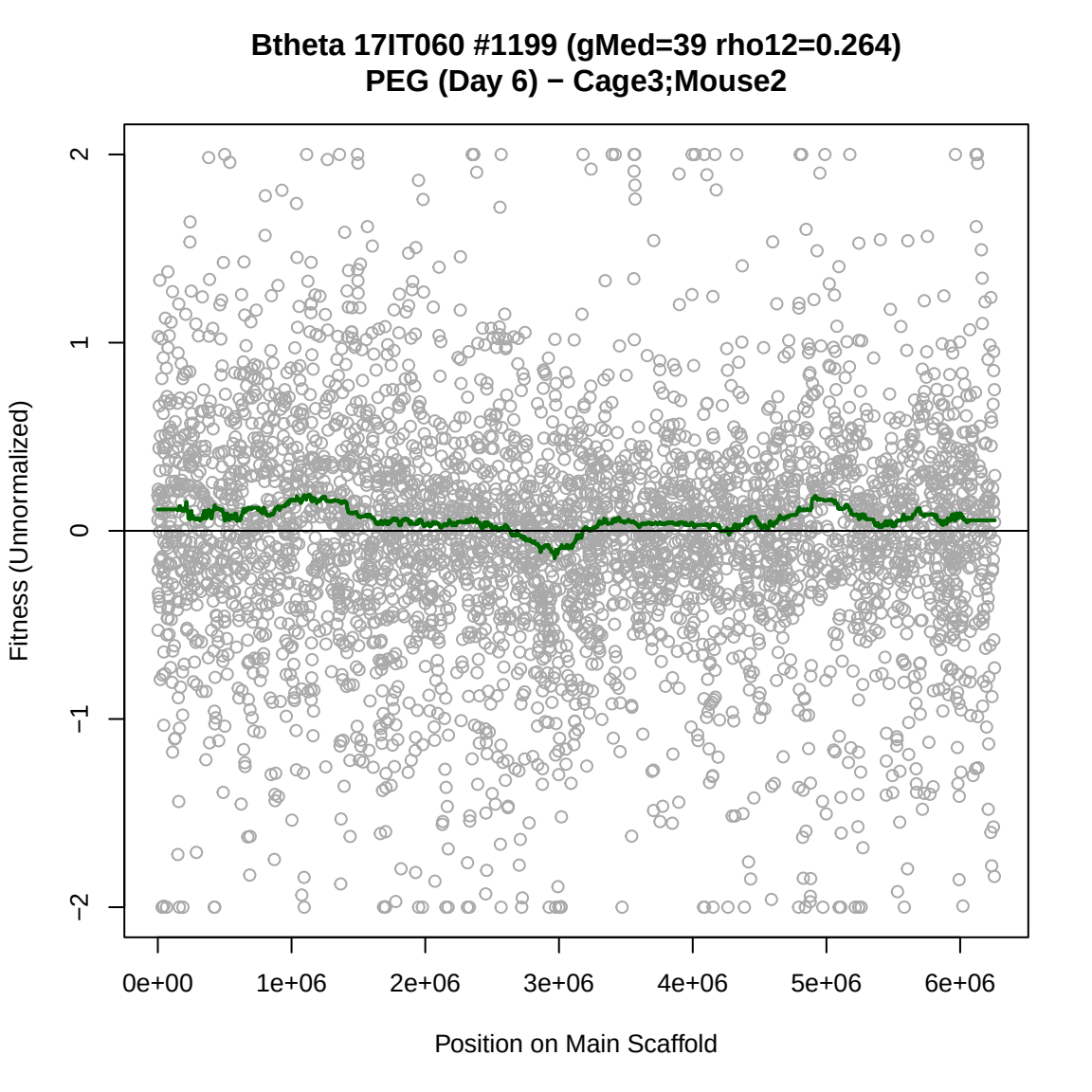

Btheta 17IT054 #1193 (gMed=31 rho12=0.254)
PEG (Day 4) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

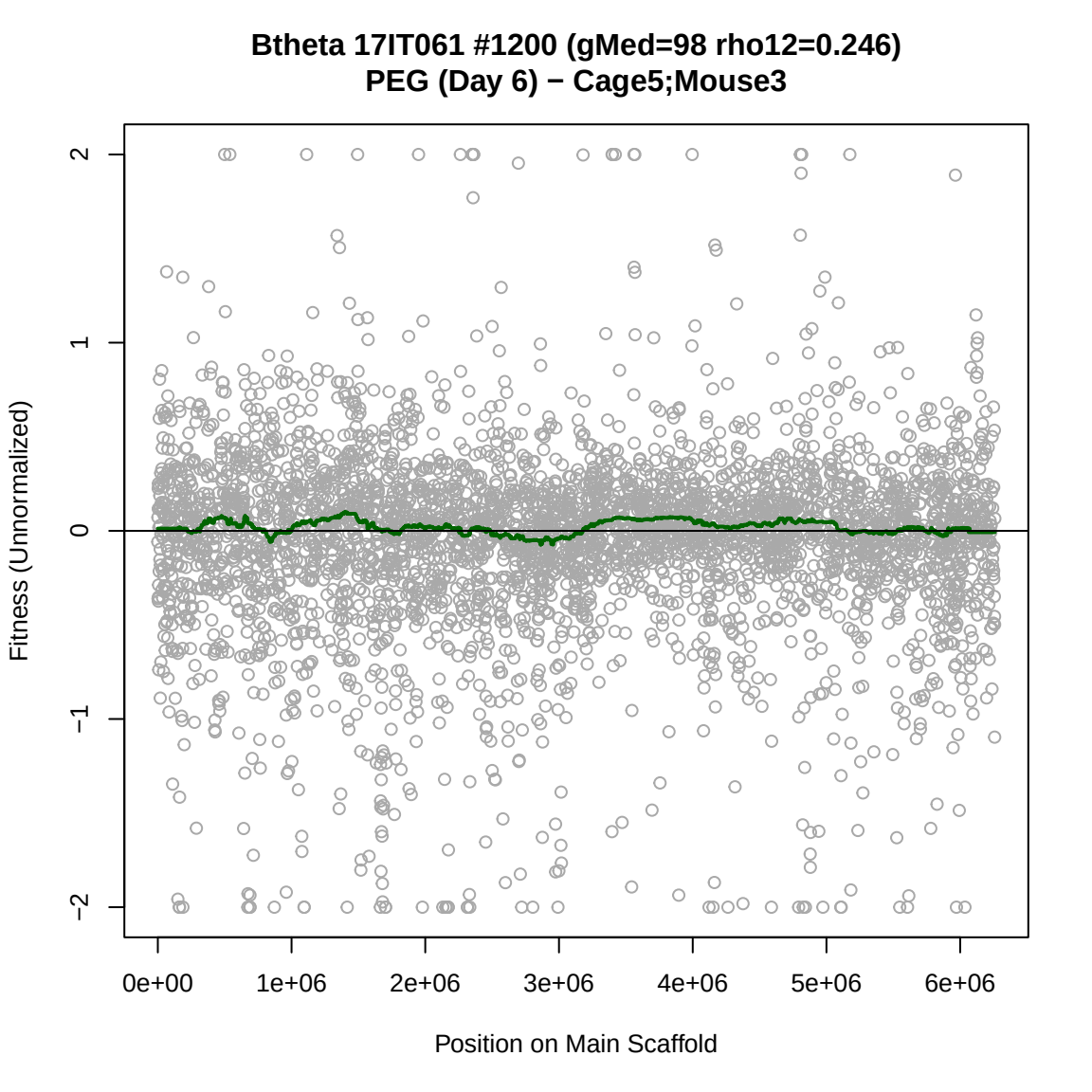

Btheta 17IT055 #1194 (gMed=39 rho12=0.256)
PEG (Day 5) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

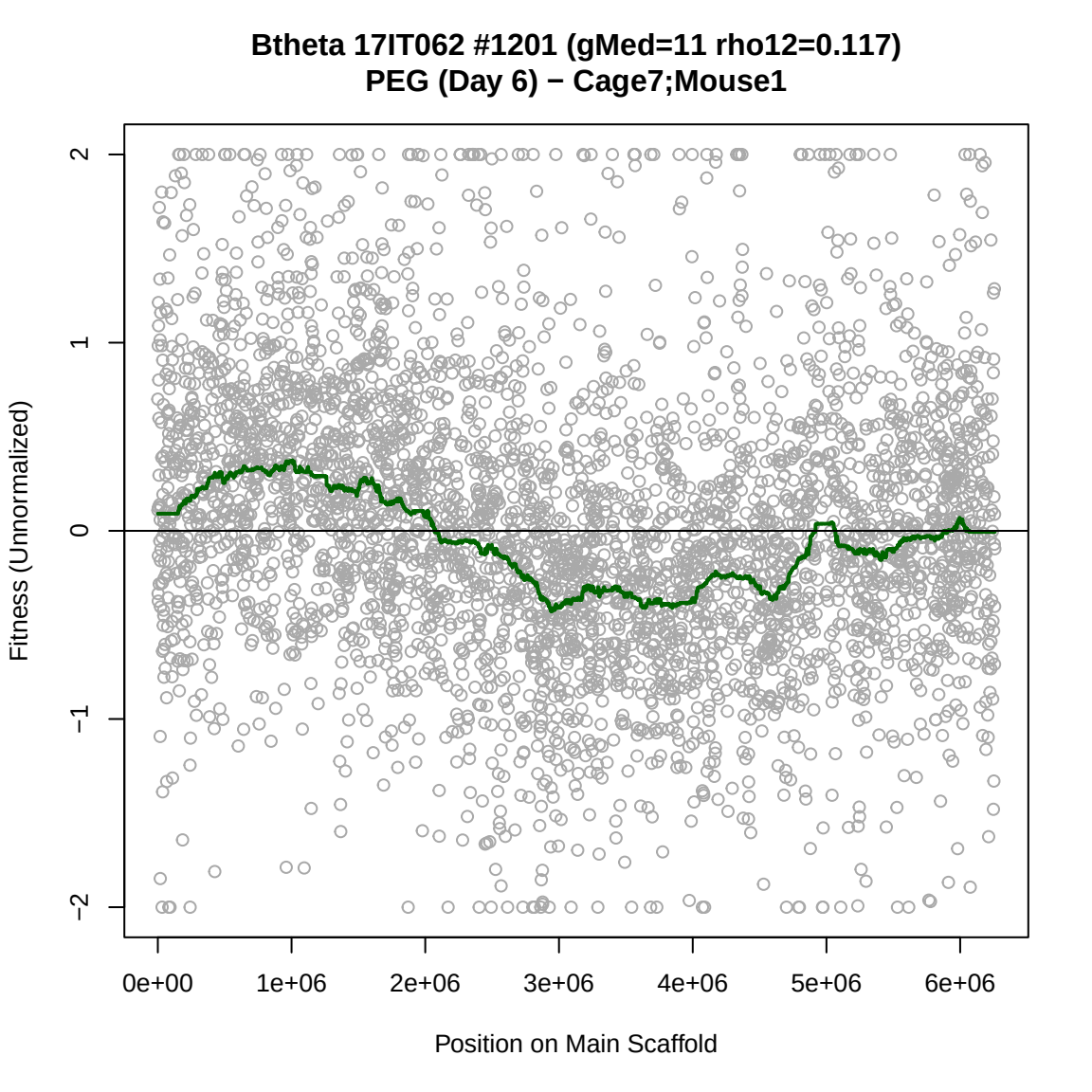

Btheta 17IT056 #1195 (gMed=0 rho12=0.149)
PEG (Day 5) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

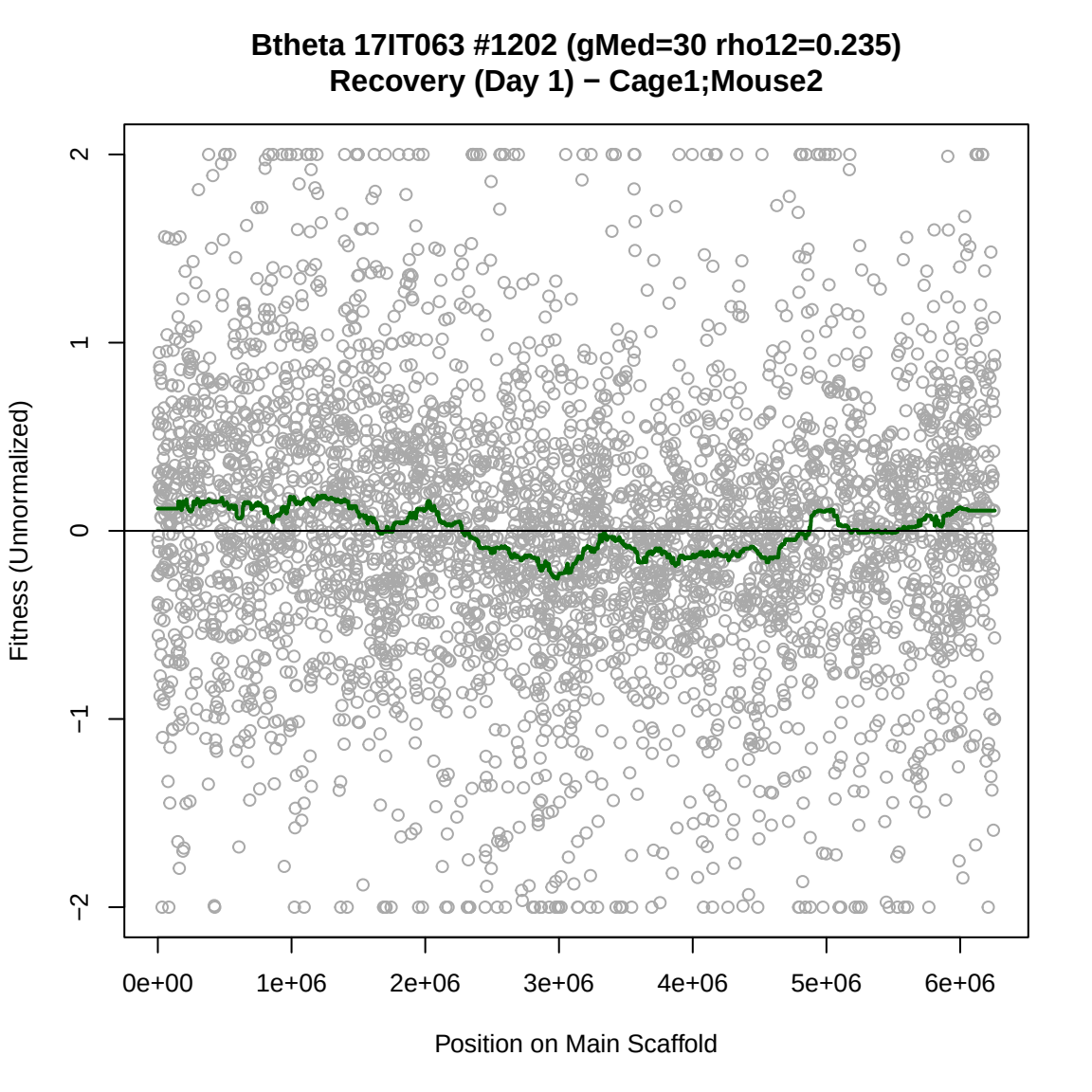

Btheta 17IT058 #1197 (gMed=12 rho12=0.132)
PEG (Day 5) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

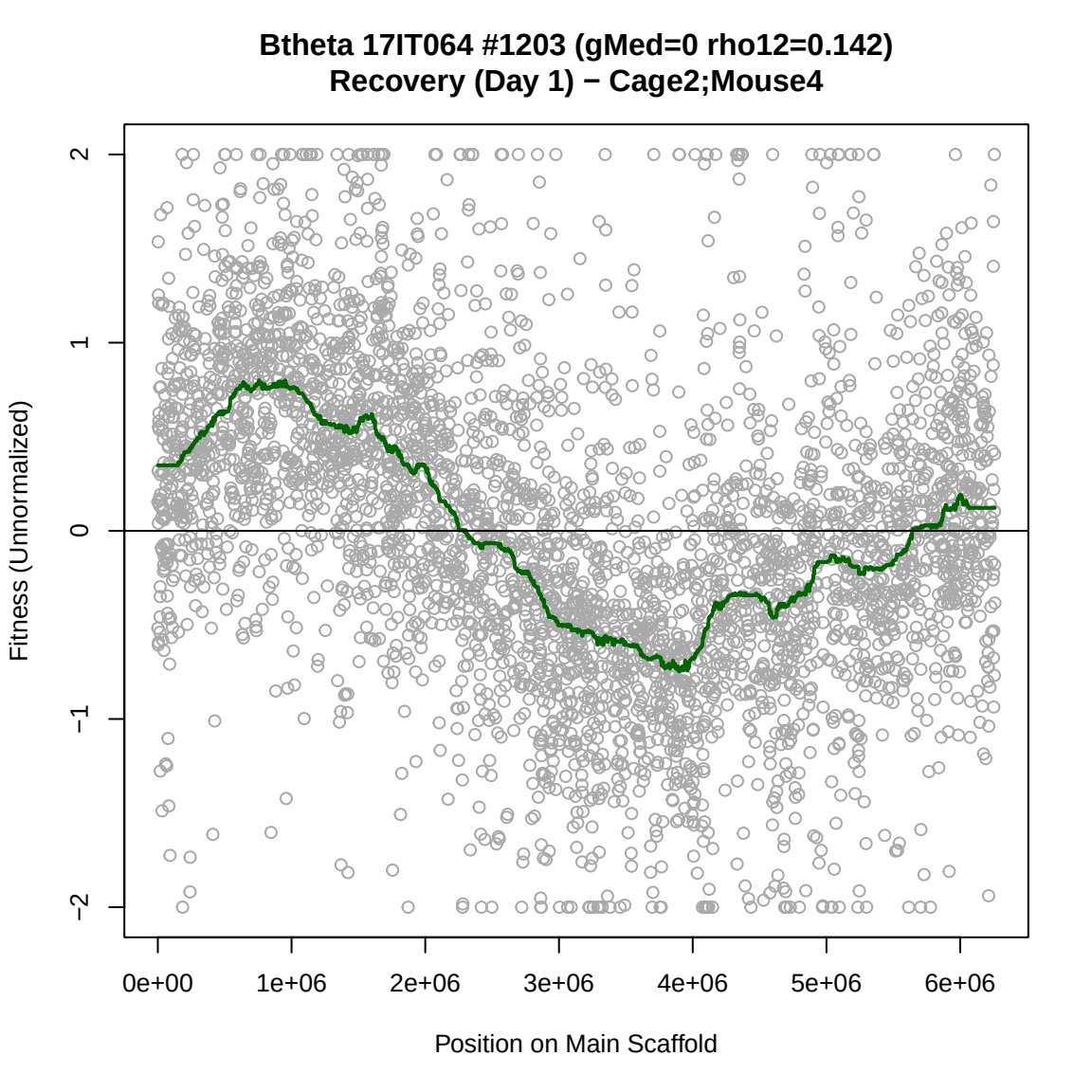

Btheta 17IT059 #1198 (gMed=40 rho12=0.251)
PEG (Day 6) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

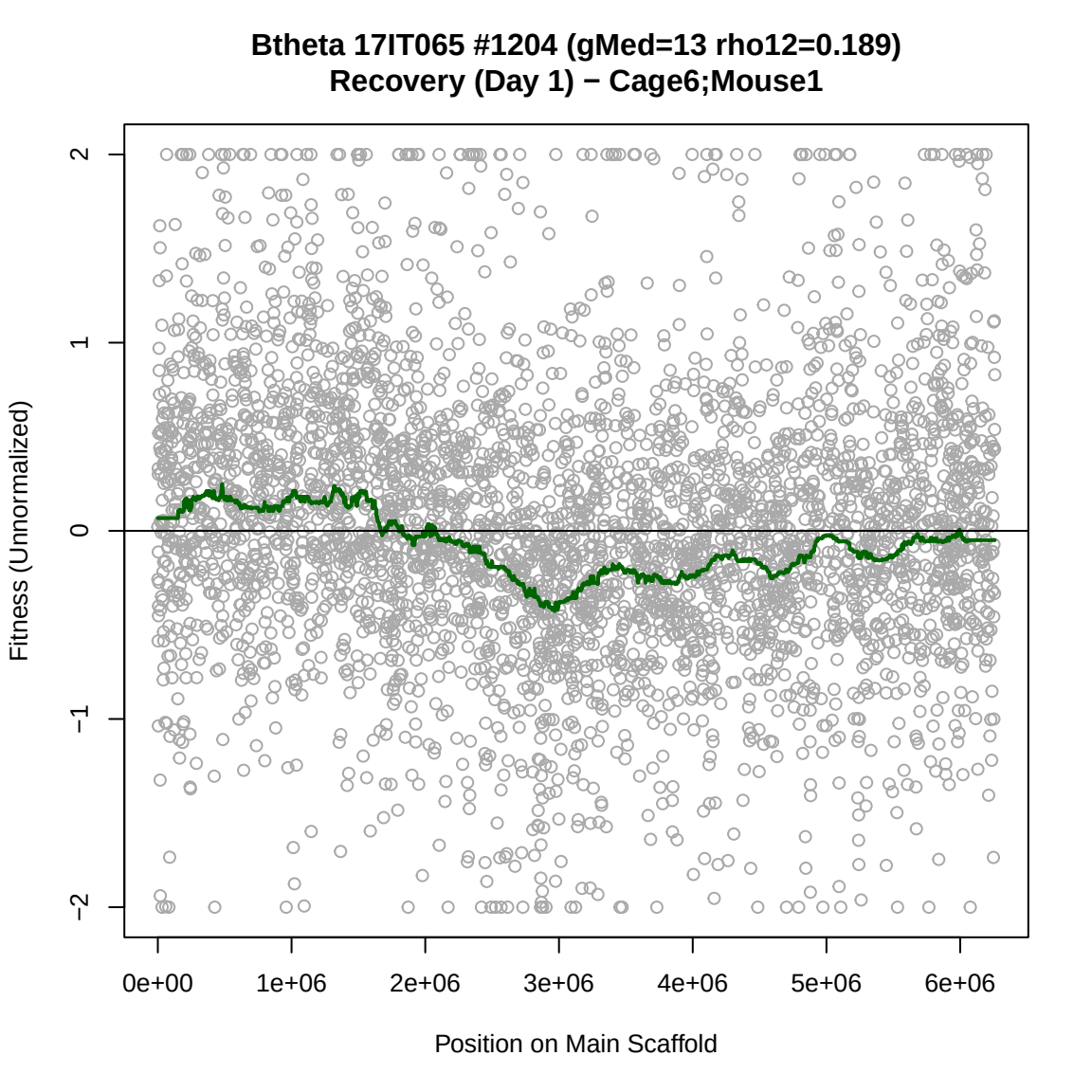

Btheta 17IT060 #1199 (gMed=39 rho12=0.264)
PEG (Day 6) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

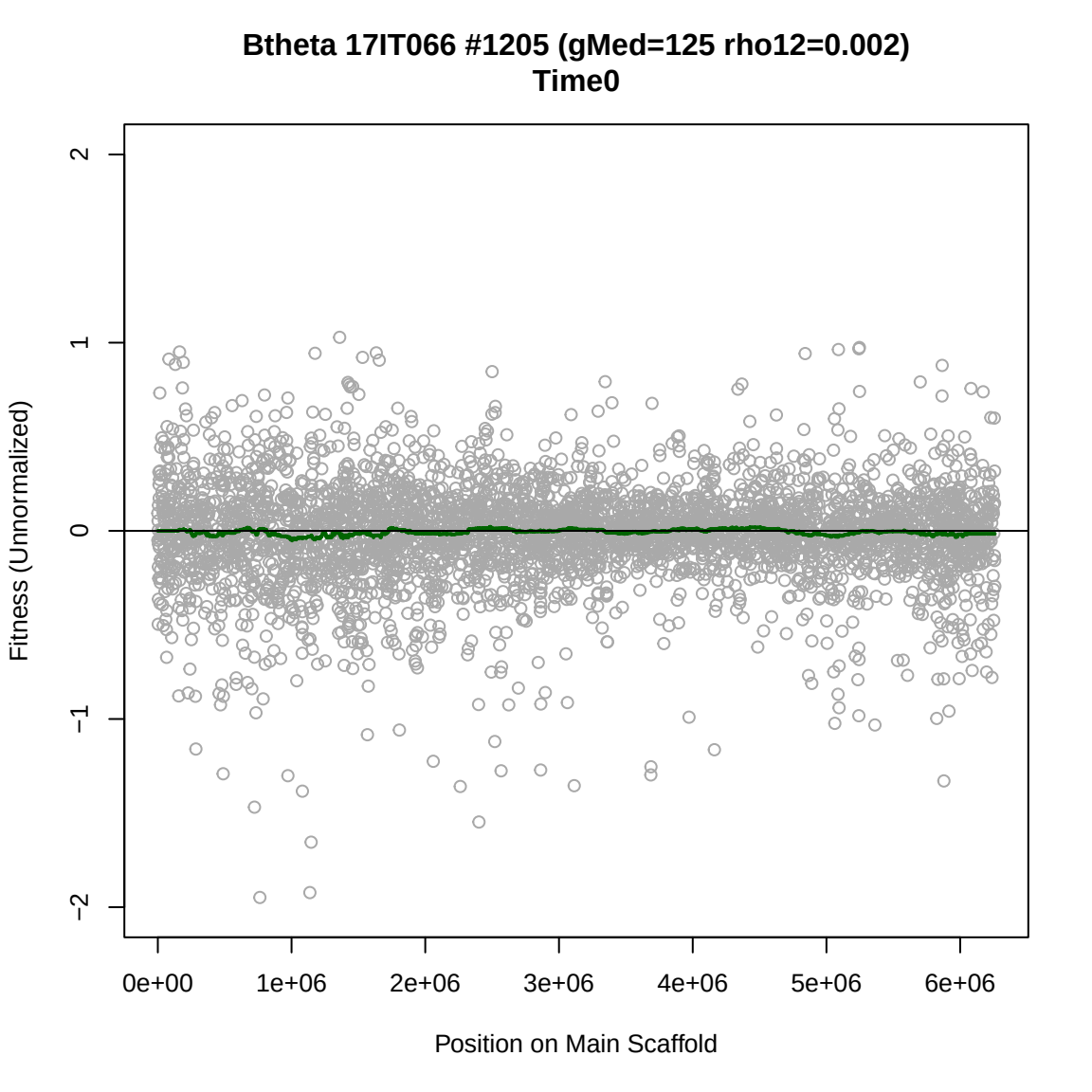

Btheta 17IT061 #1200 (gMed=98 rho12=0.246)
PEG (Day 6) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

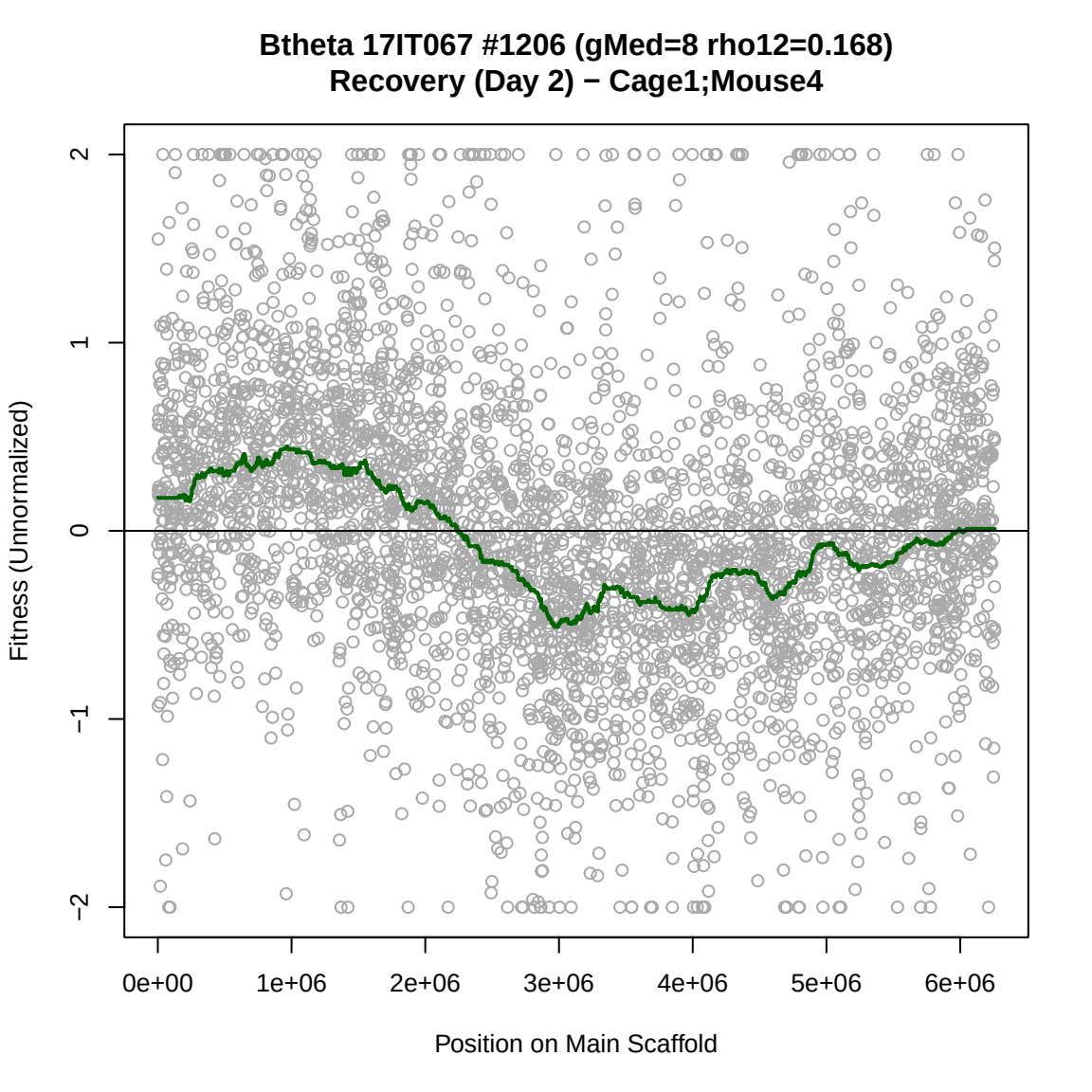

Btheta 17IT062 #1201 (gMed=11 rho12=0.117)
PEG (Day 6) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

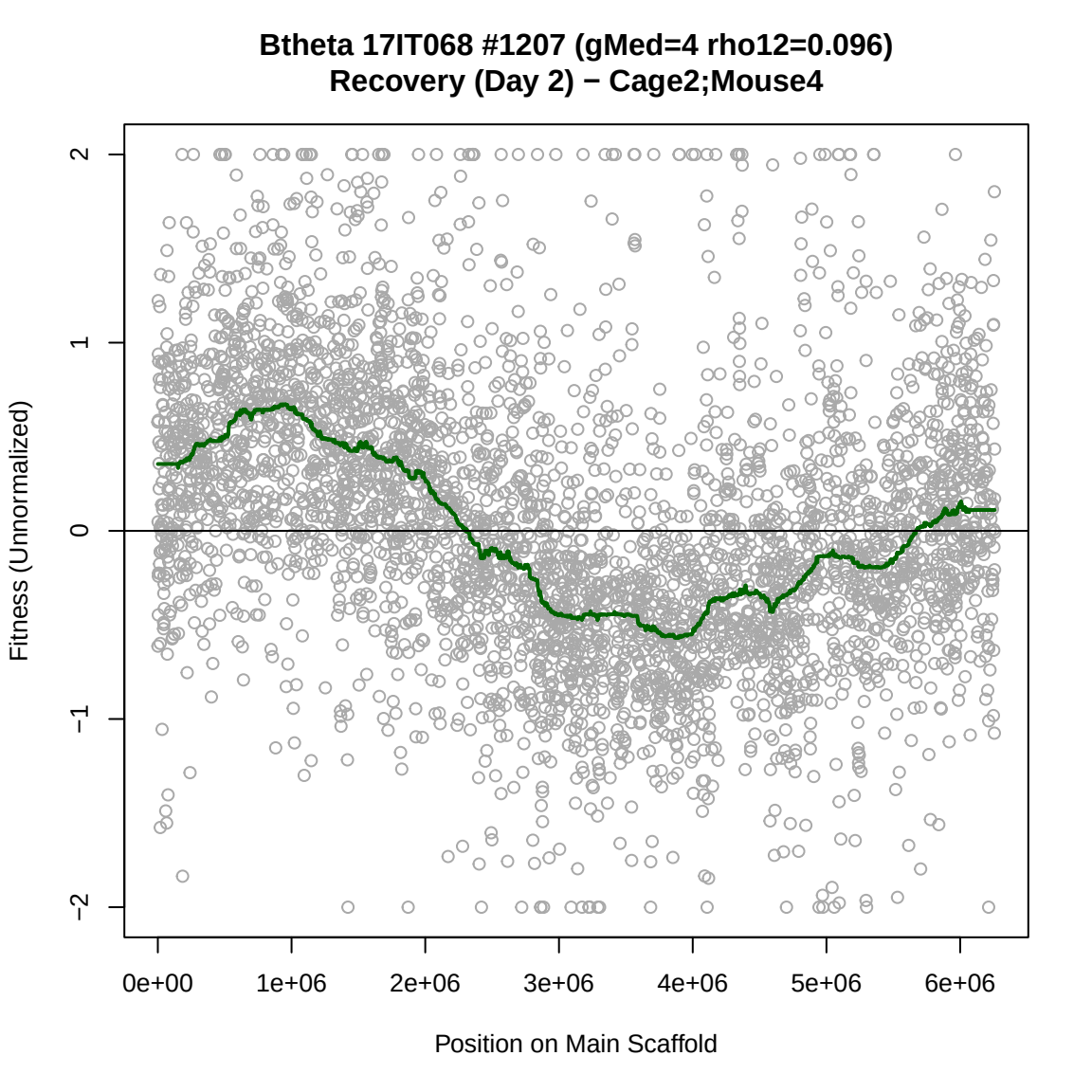

Btheta 17IT063 #1202 (gMed=30 rho12=0.235)
Recovery (Day 1) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

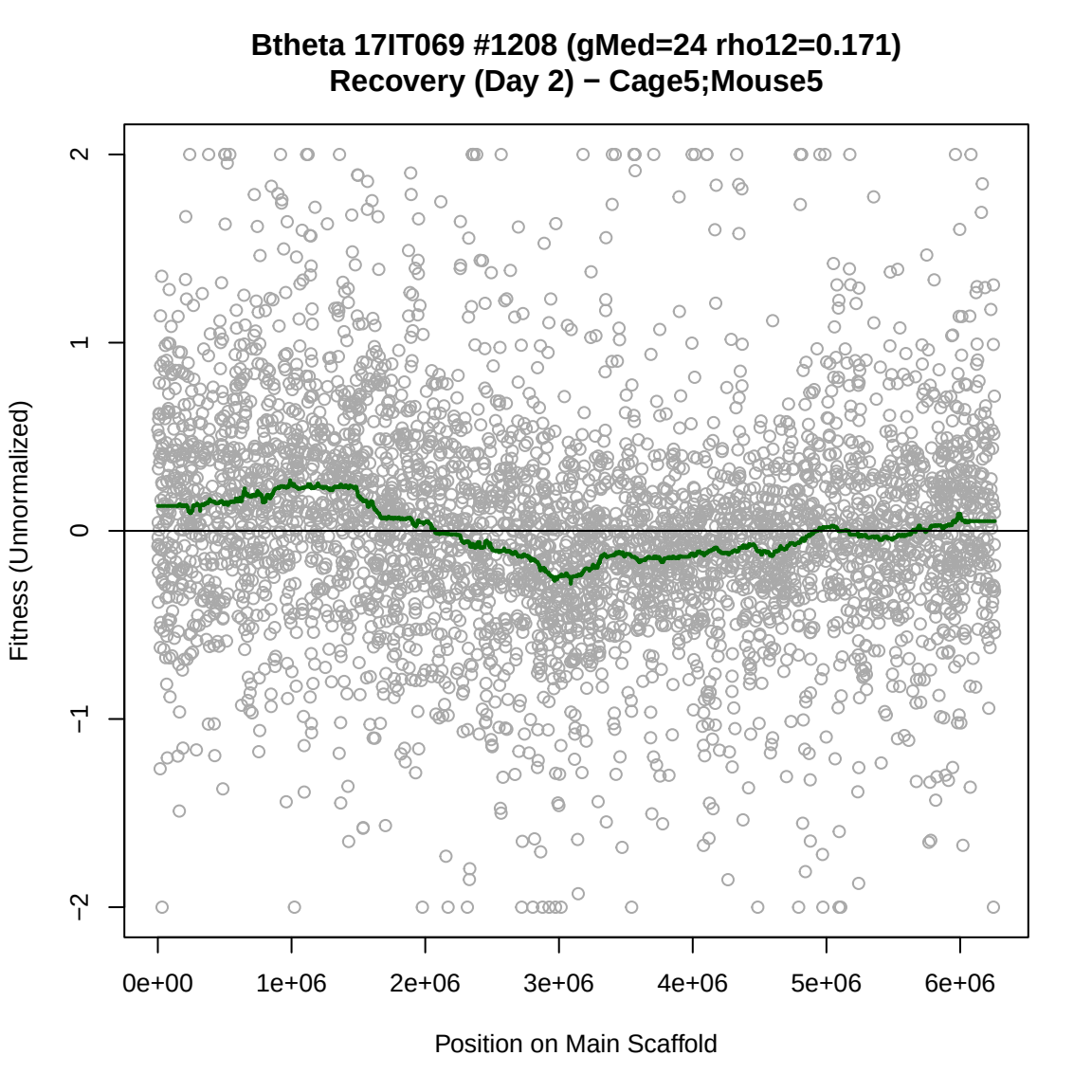

Btheta 17IT064 #1203 (gMed=0 rho12=0.142)
Recovery (Day 1) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

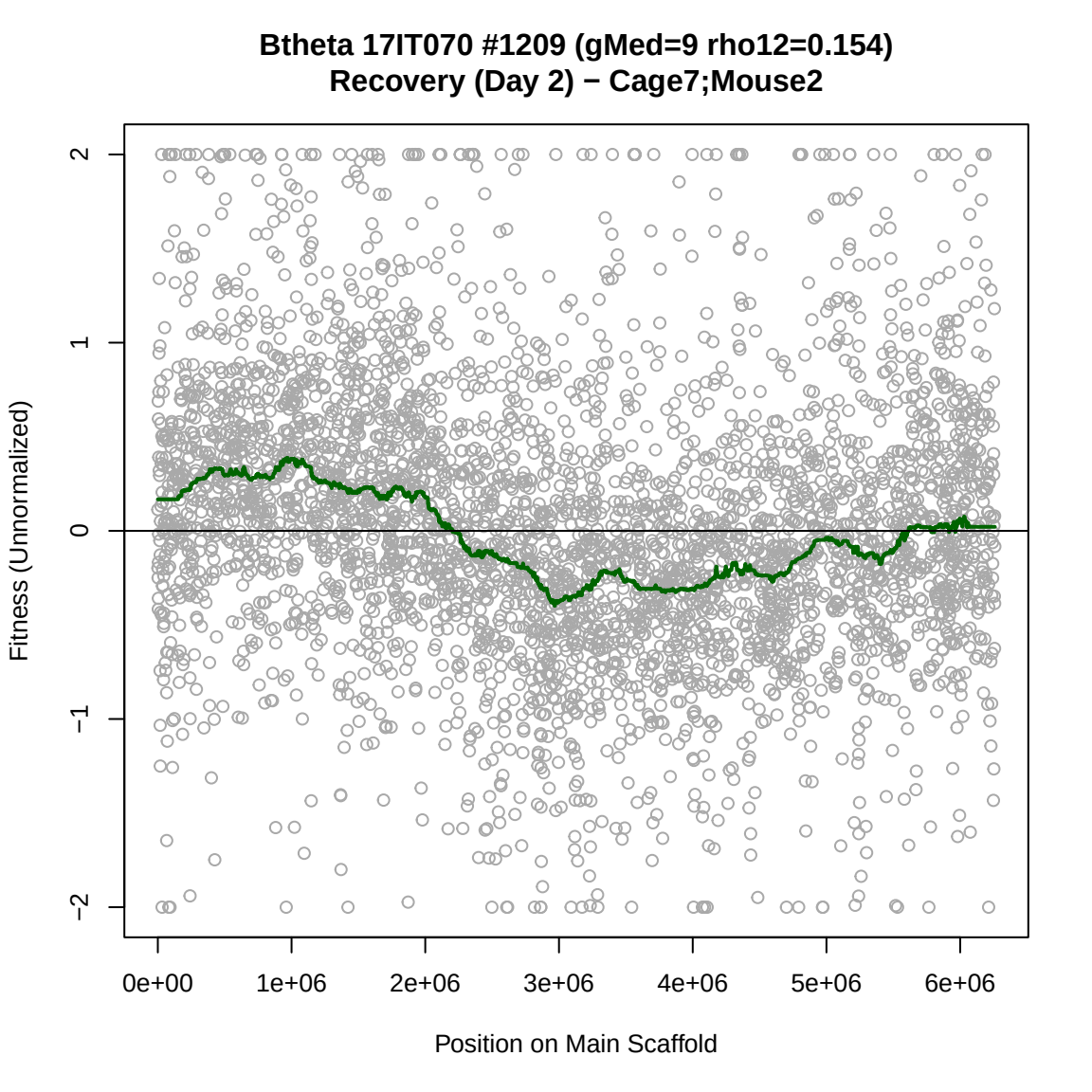

Btheta 17IT065 #1204 (gMed=13 rho12=0.189)
Recovery (Day 1) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

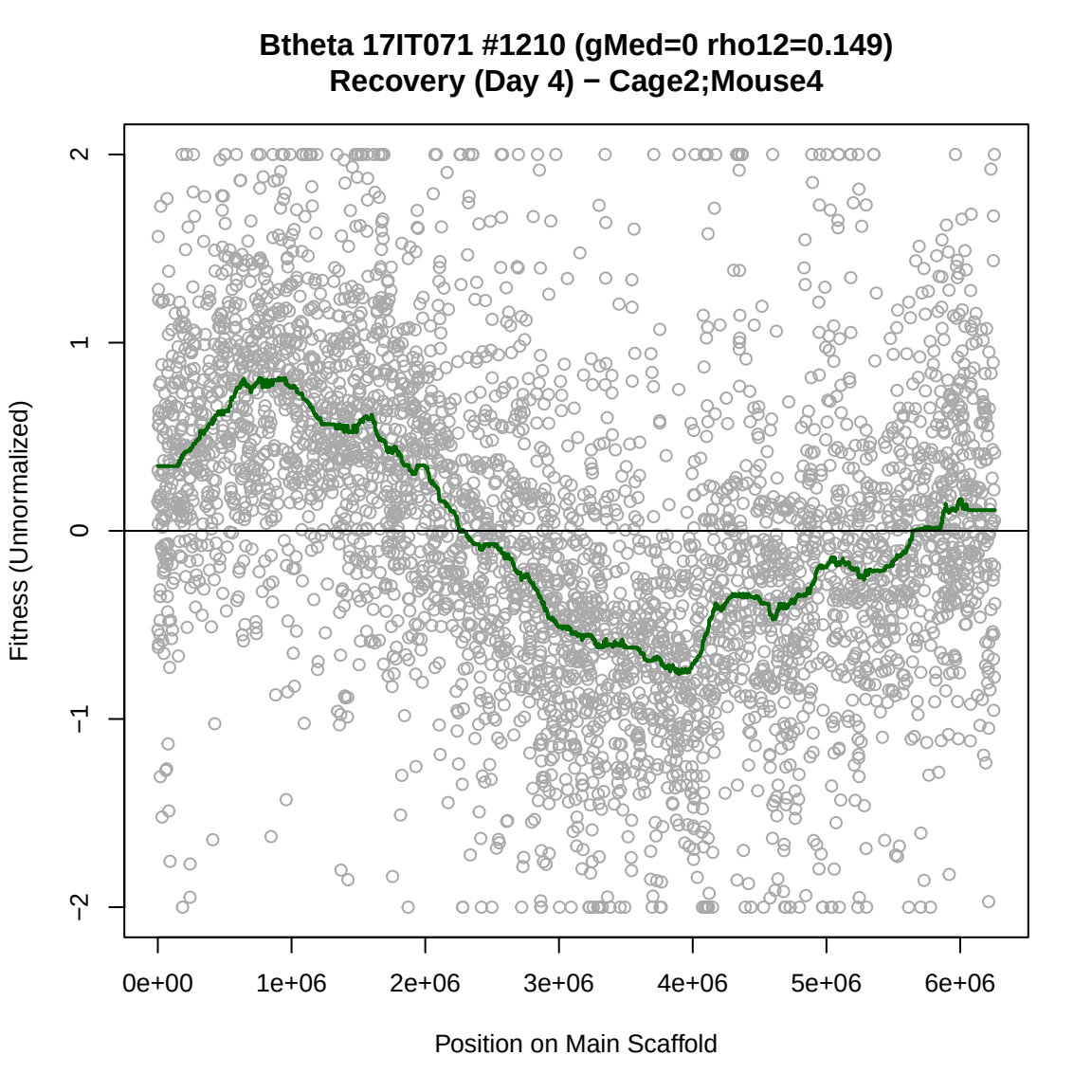

Btheta 17IT066 #1205 (gMed=125 rho12=0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

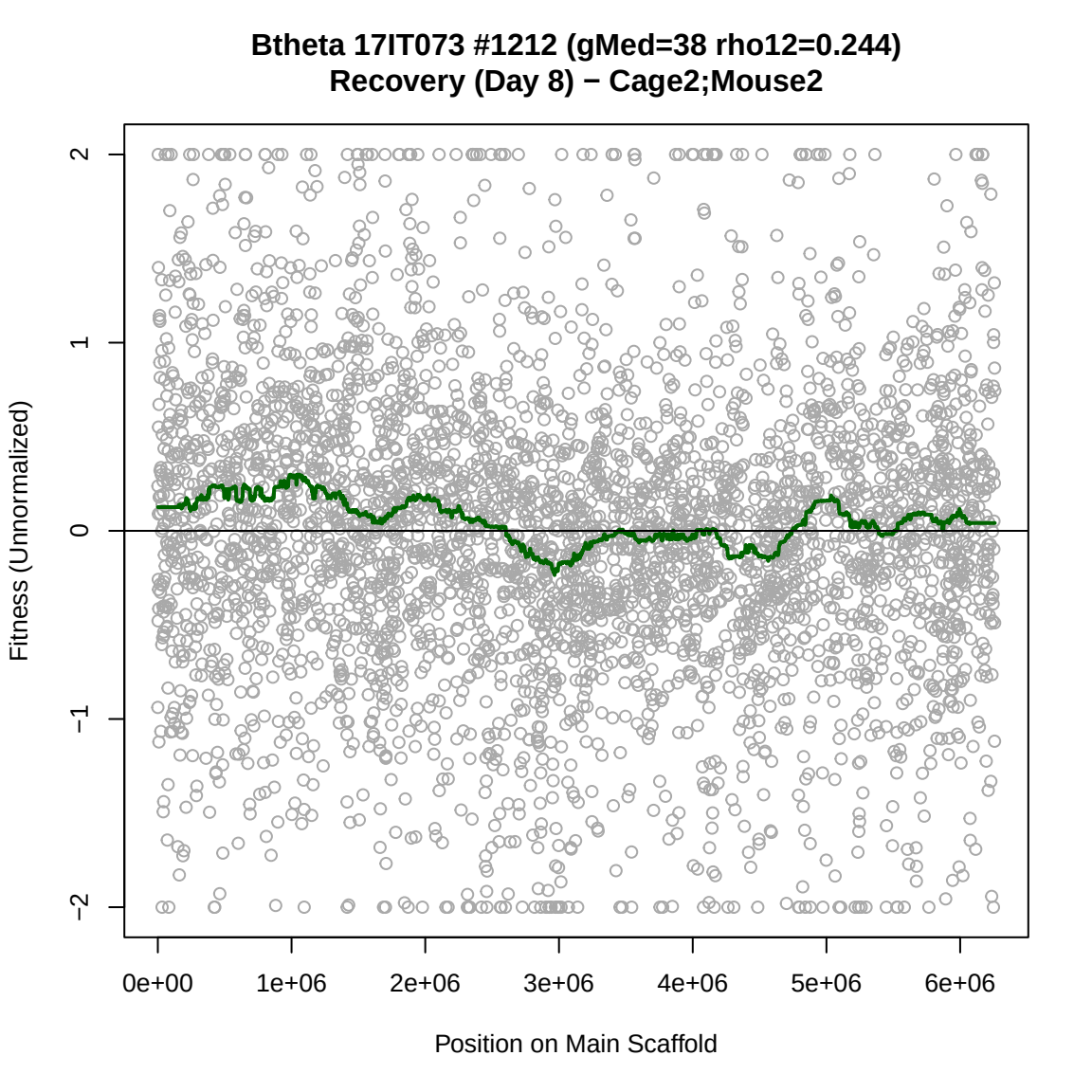

Btheta 17IT067 #1206 (gMed=8 rho12=0.168)
Recovery (Day 2) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

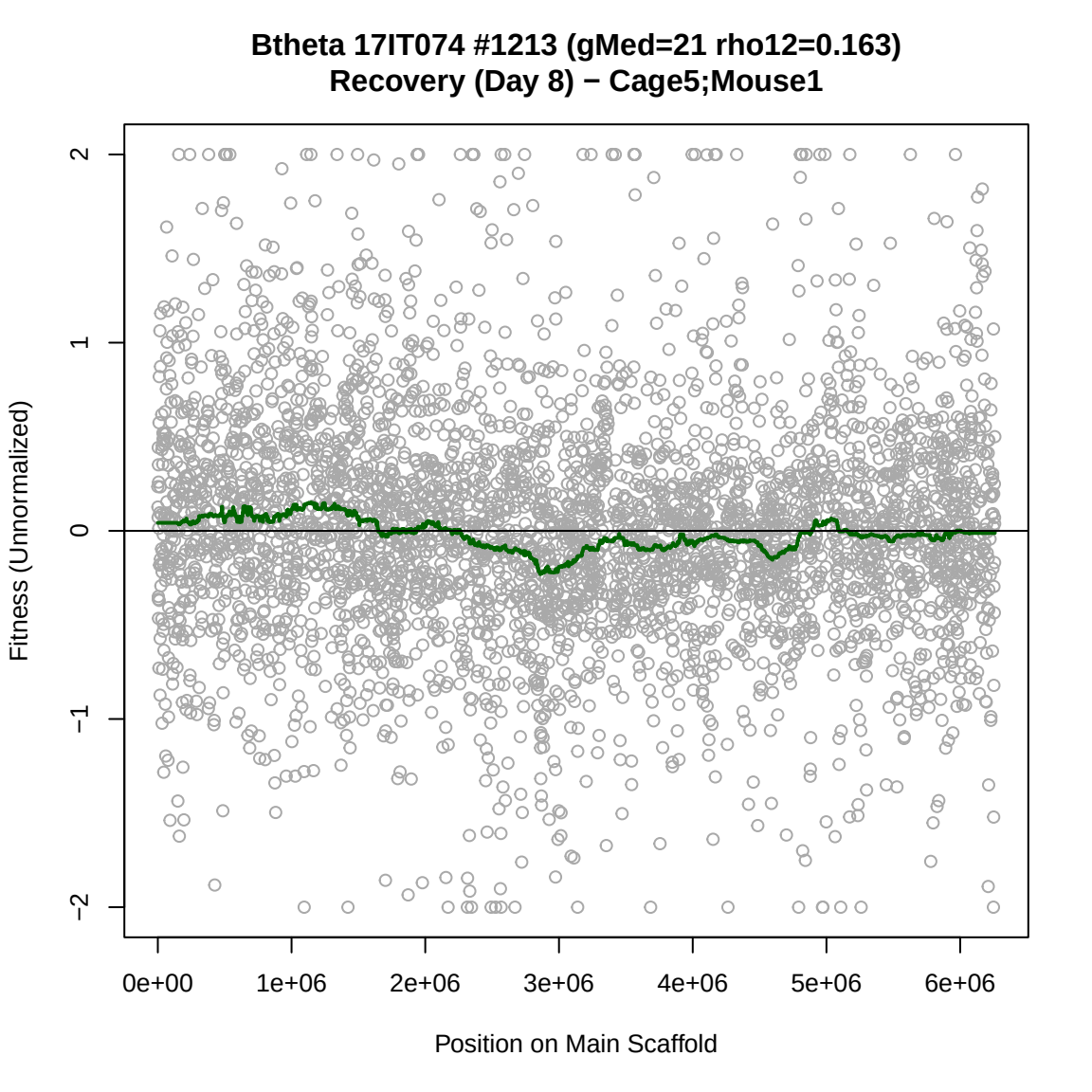

Btheta 17IT068 #1207 (gMed=4 rho12=0.096)
Recovery (Day 2) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

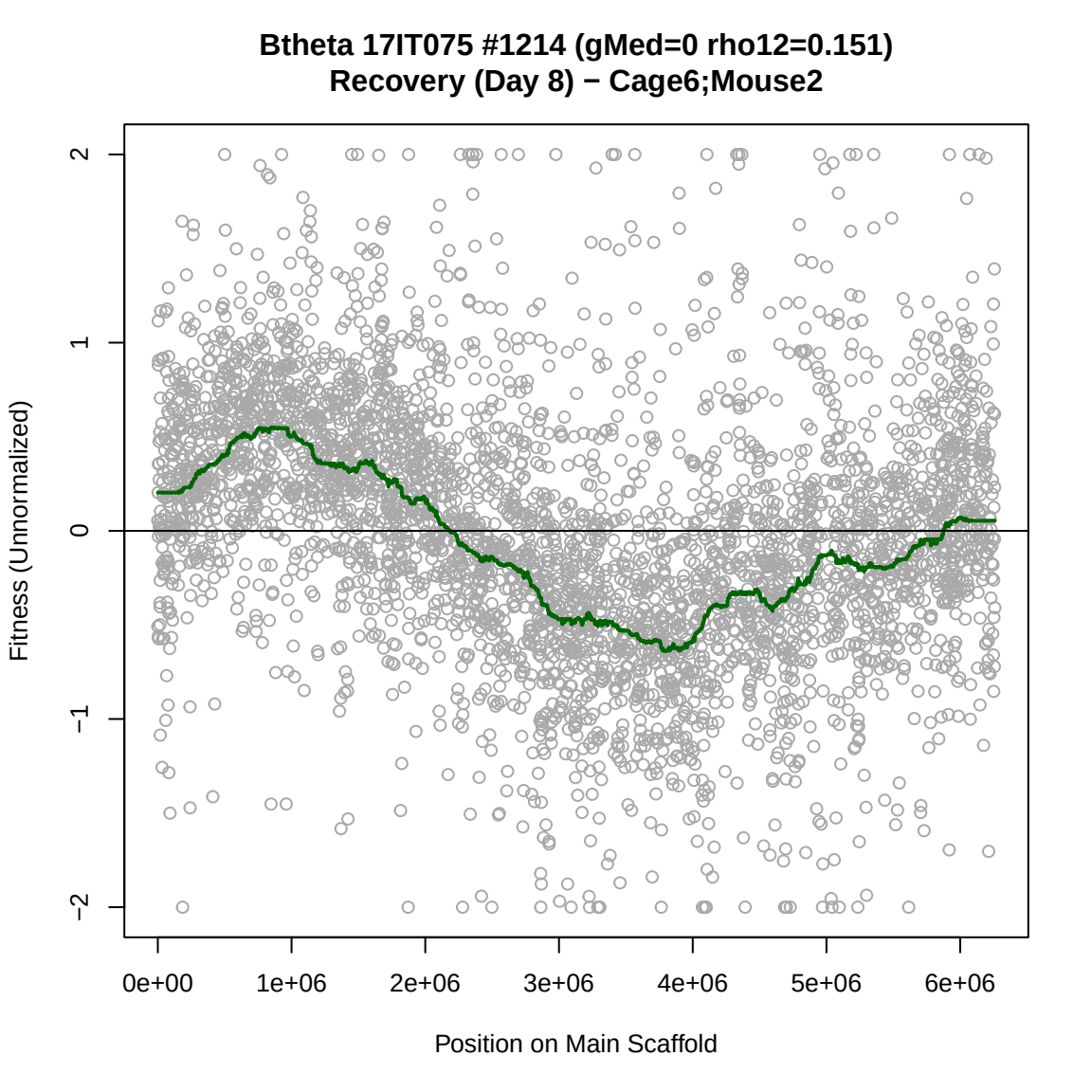

Btheta 17IT069 #1208 (gMed=24 rho12=0.171)
Recovery (Day 2) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

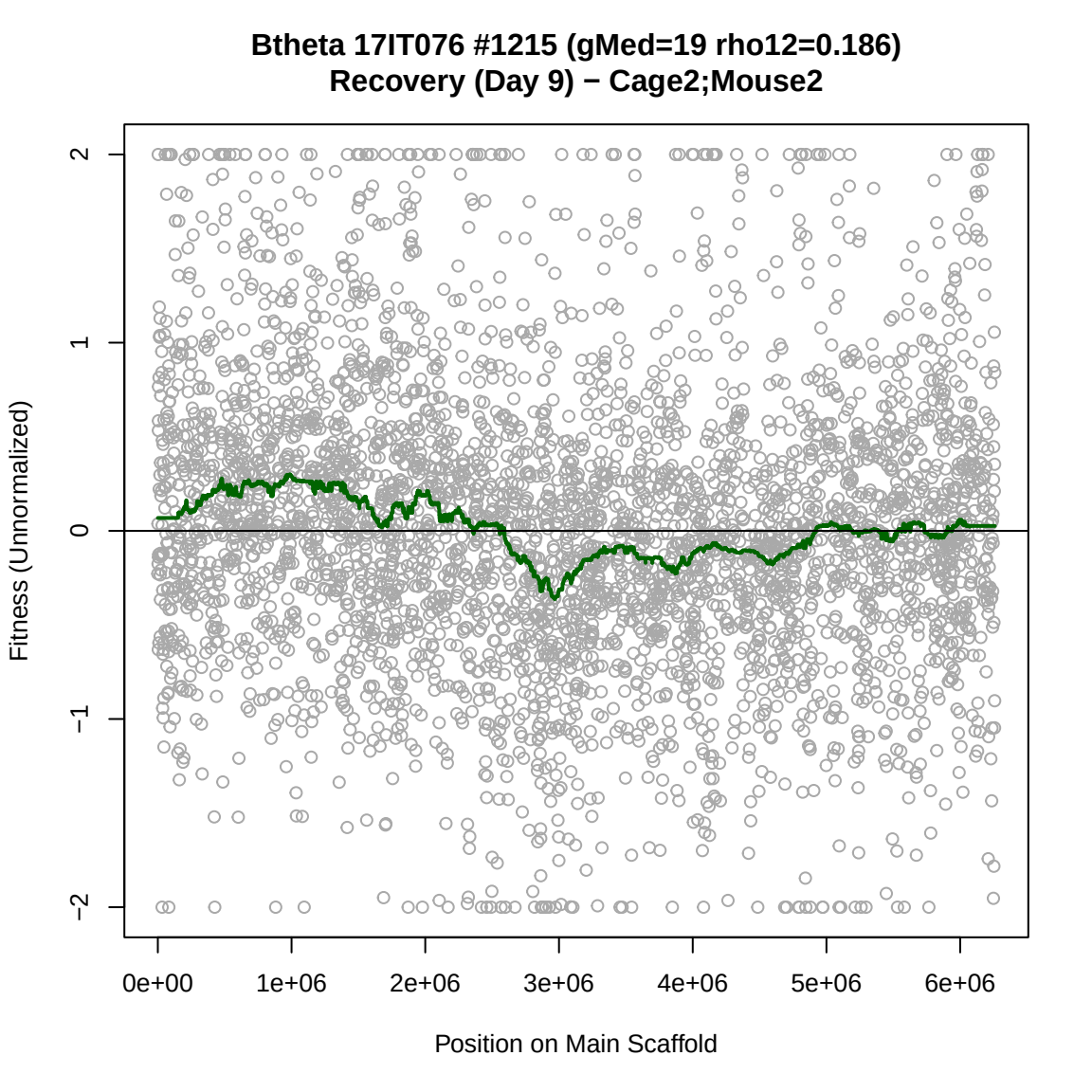

Btheta 17IT070 #1209 (gMed=9 rho12=0.154)
Recovery (Day 2) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

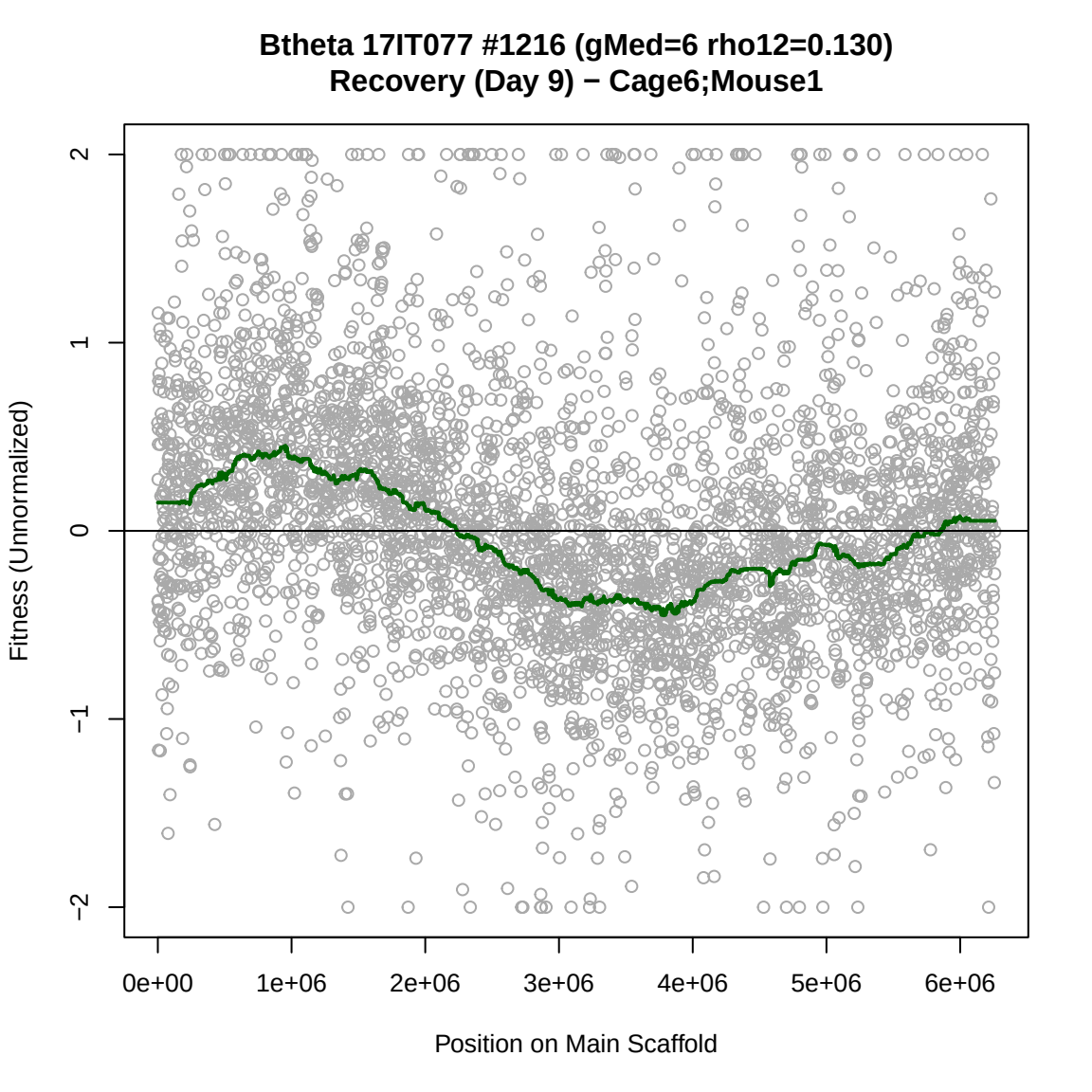

Btheta 17IT071 #1210 (gMed=0 rho12=0.149)
Recovery (Day 4) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

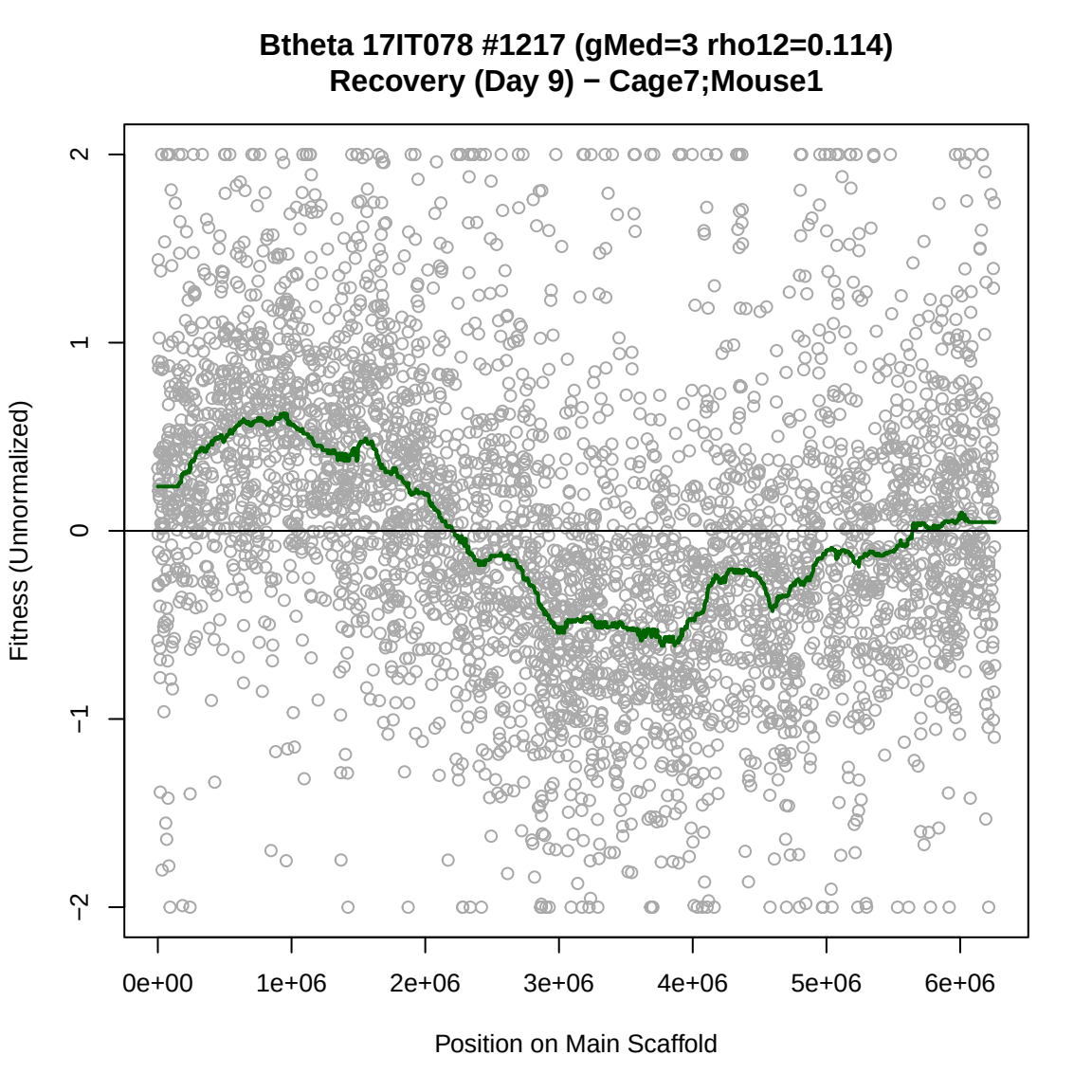

Btheta 17IT073 #1212 (gMed=38 rho12=0.244)
Recovery (Day 8) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

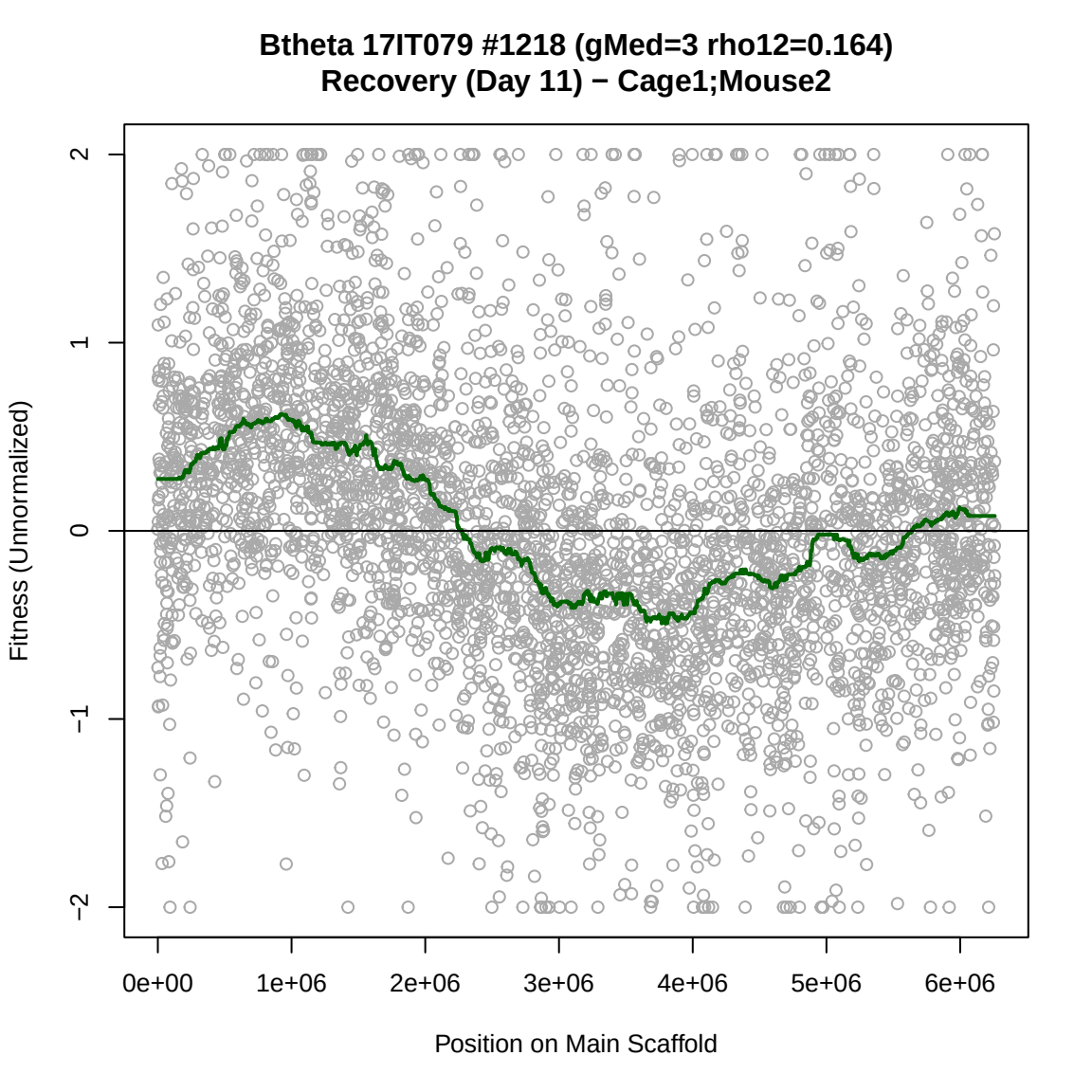

Btheta 17IT074 #1213 (gMed=21 rho12=0.163)
Recovery (Day 8) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

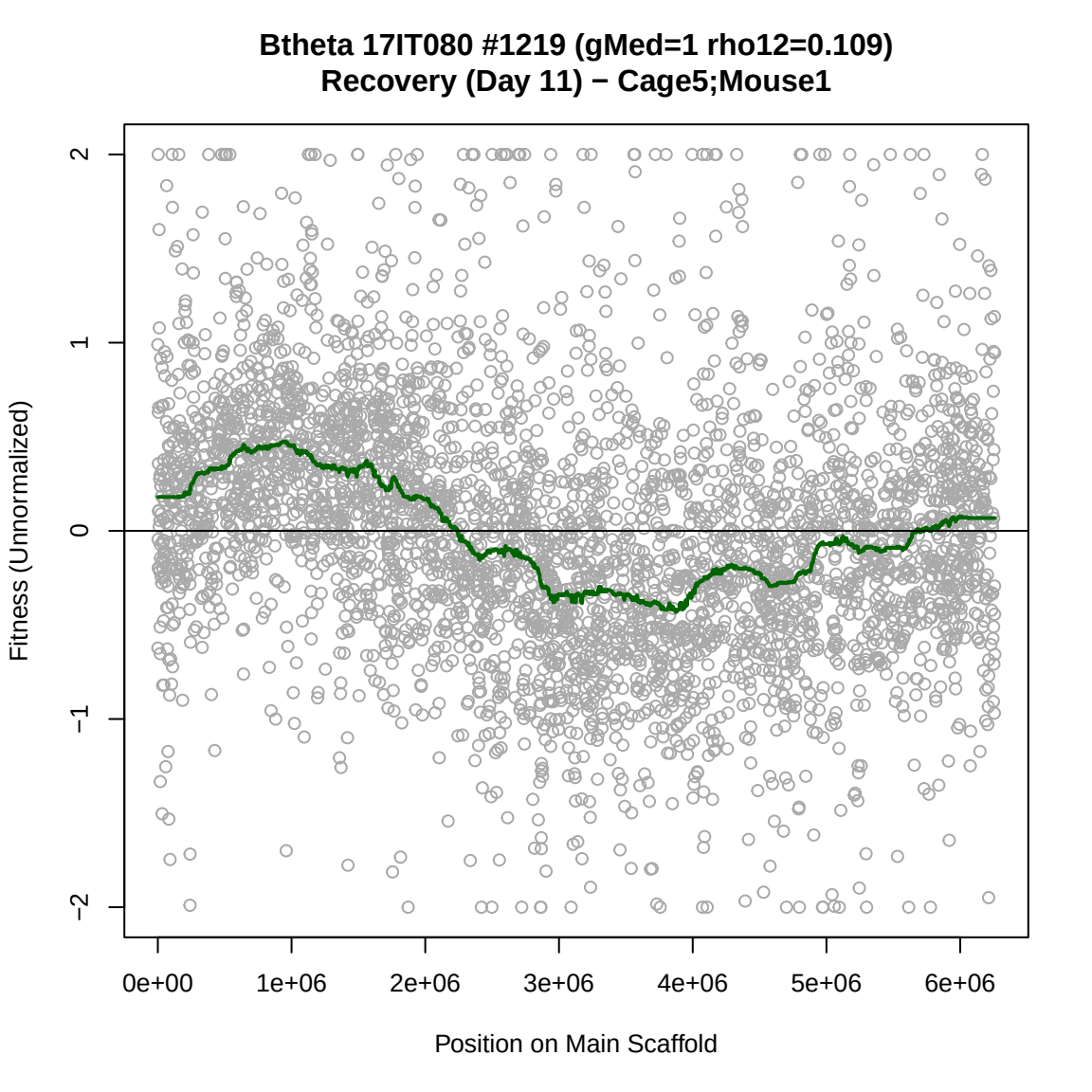

Btheta 17IT075 #1214 (gMed=0 rho12=0.151)
Recovery (Day 8) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

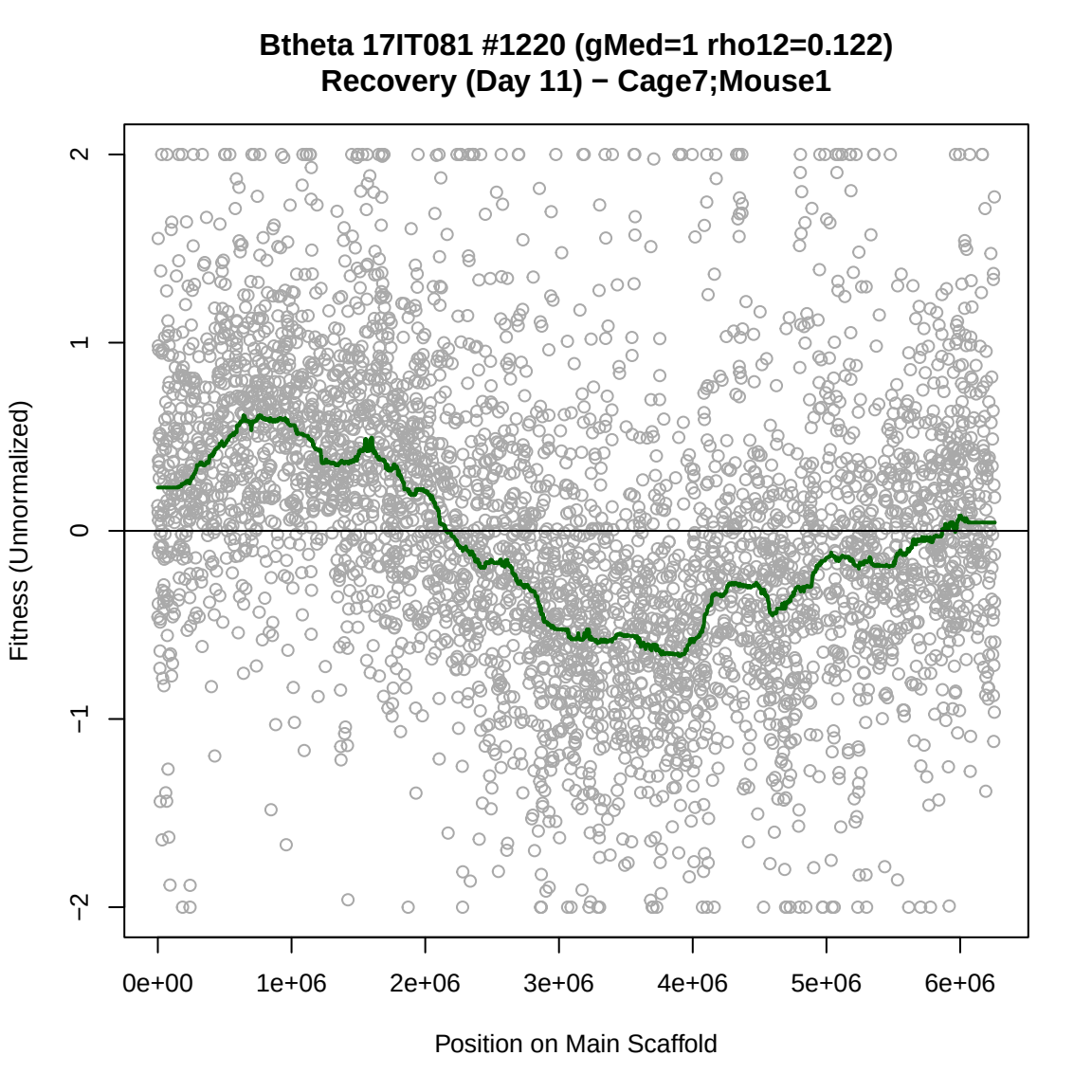

Btheta 17IT076 #1215 (gMed=19 rho12=0.186)
Recovery (Day 9) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

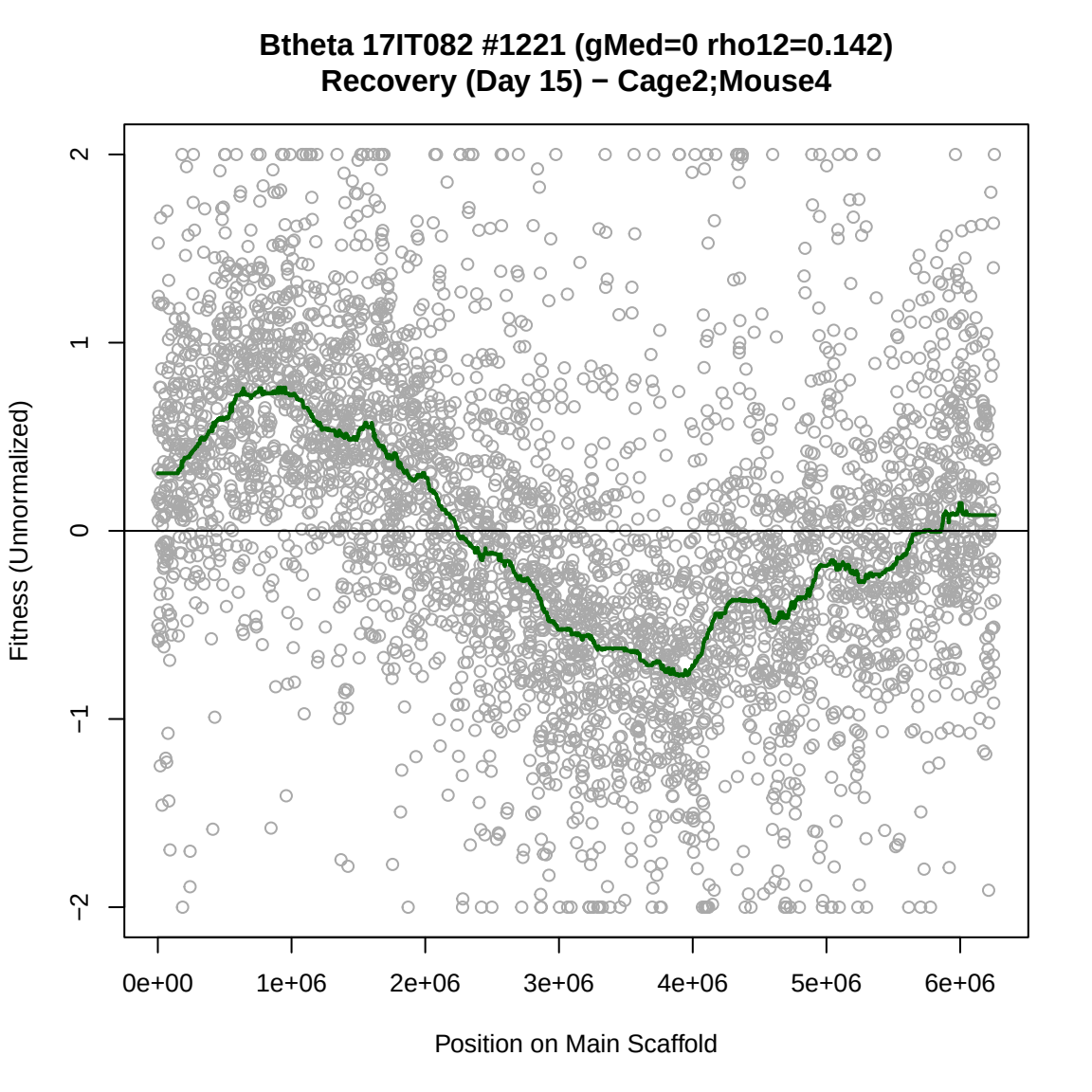

Btheta 17IT077 #1216 (gMed=6 rho12=0.130)
Recovery (Day 9) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

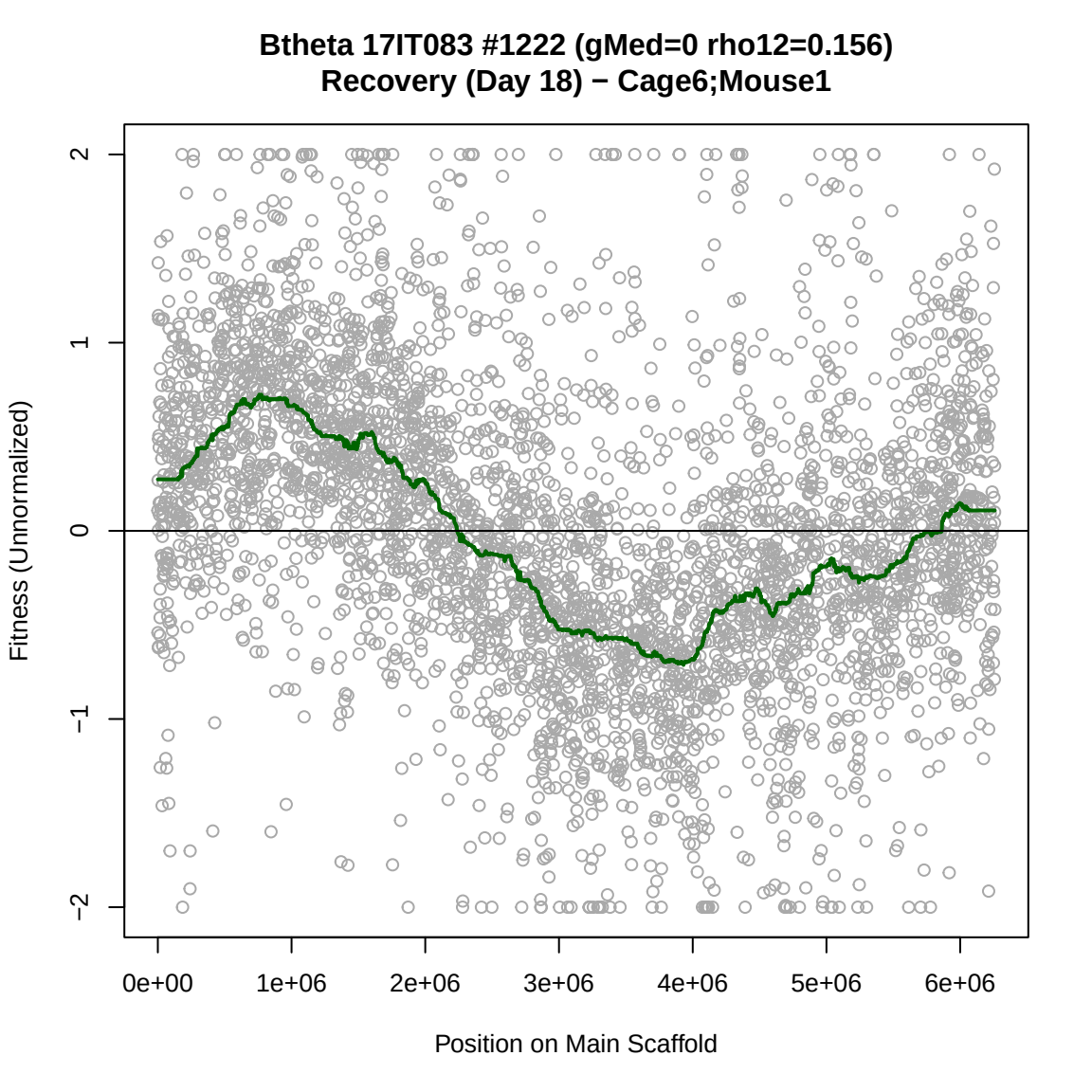

Btheta 17IT078 #1217 (gMed=3 rho12=0.114)
Recovery (Day 9) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

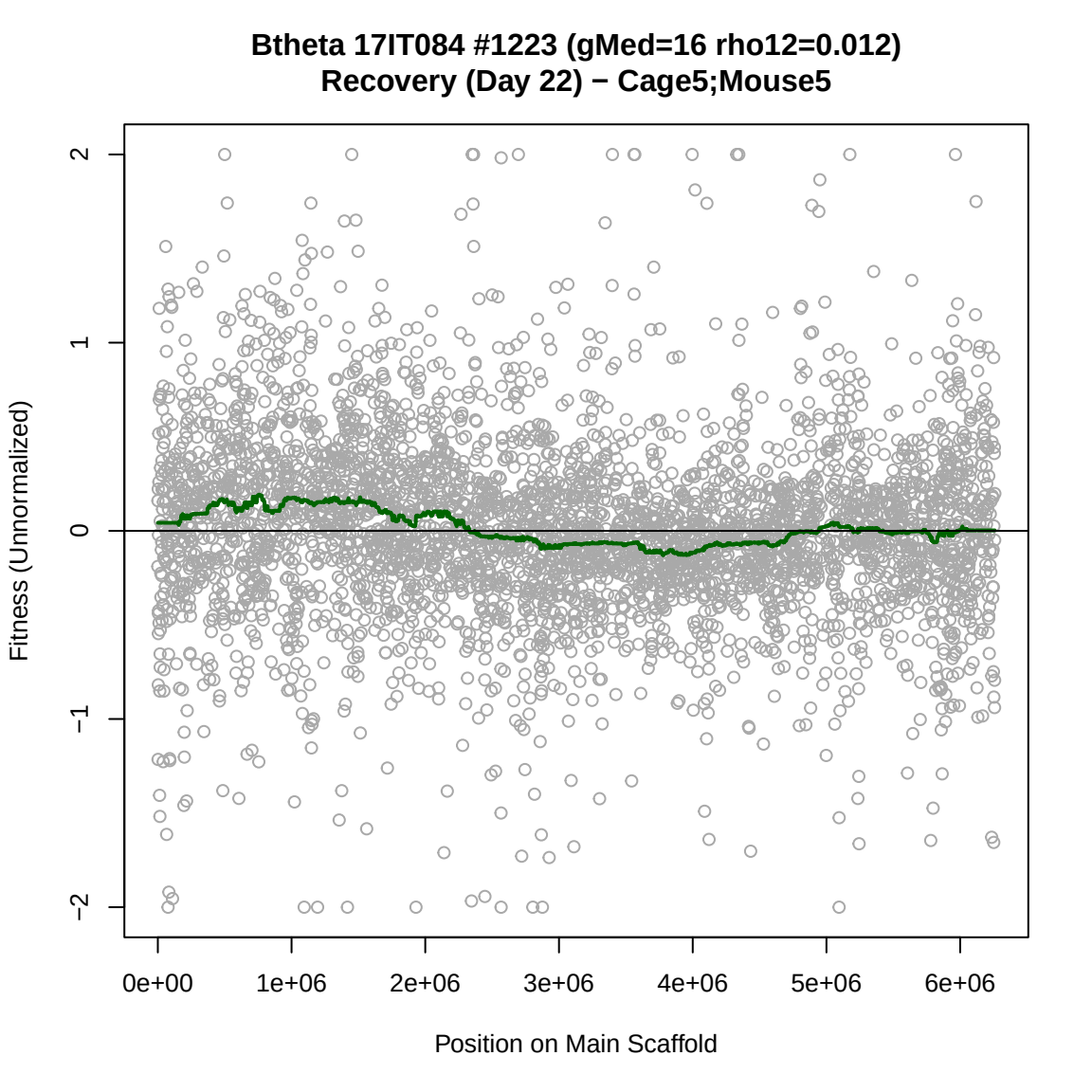

Btheta 17IT079 #1218 (gMed=3 rho12=0.164)
Recovery (Day 11) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

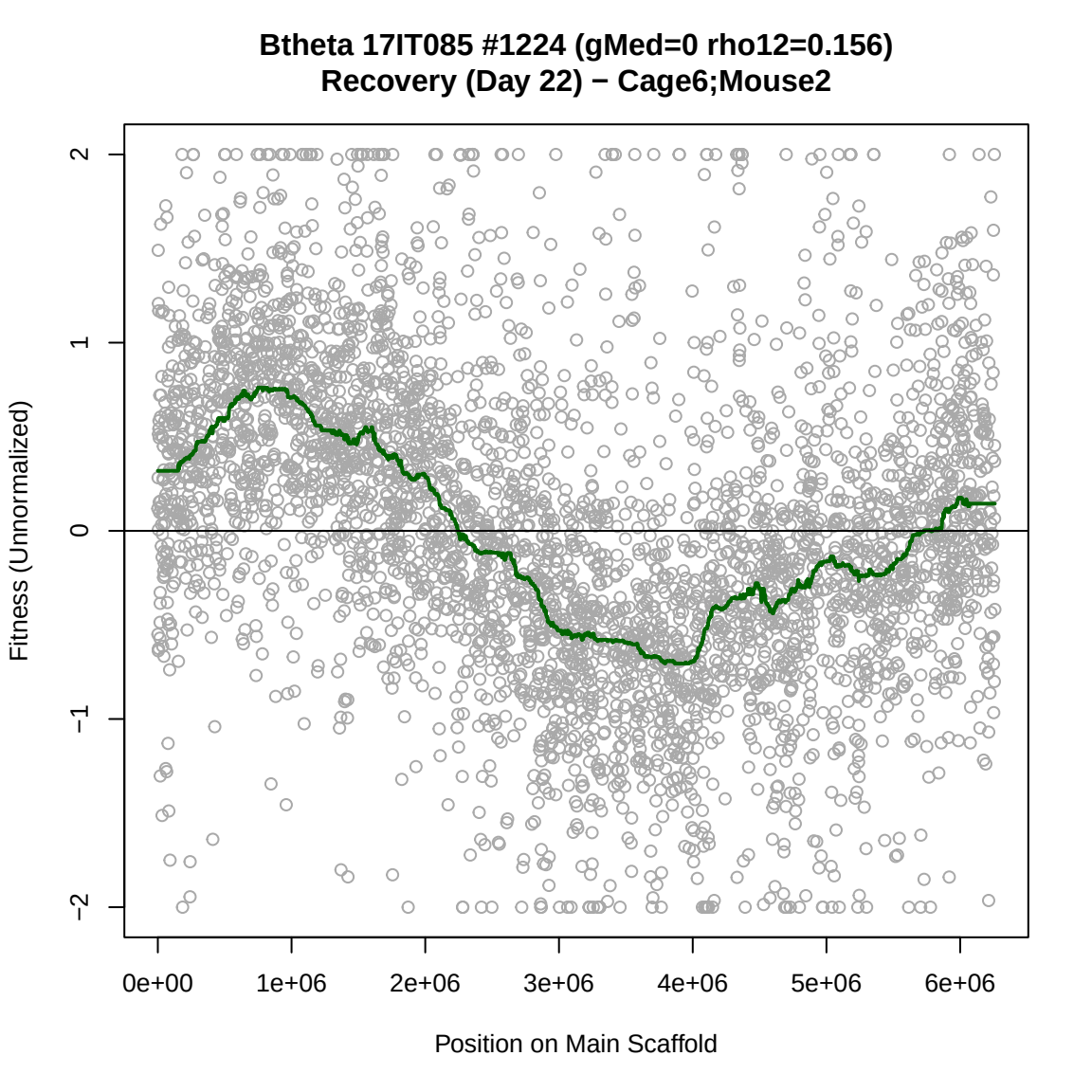

Btheta 17IT080 #1219 (gMed=1 rho12=0.109)
Recovery (Day 11) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

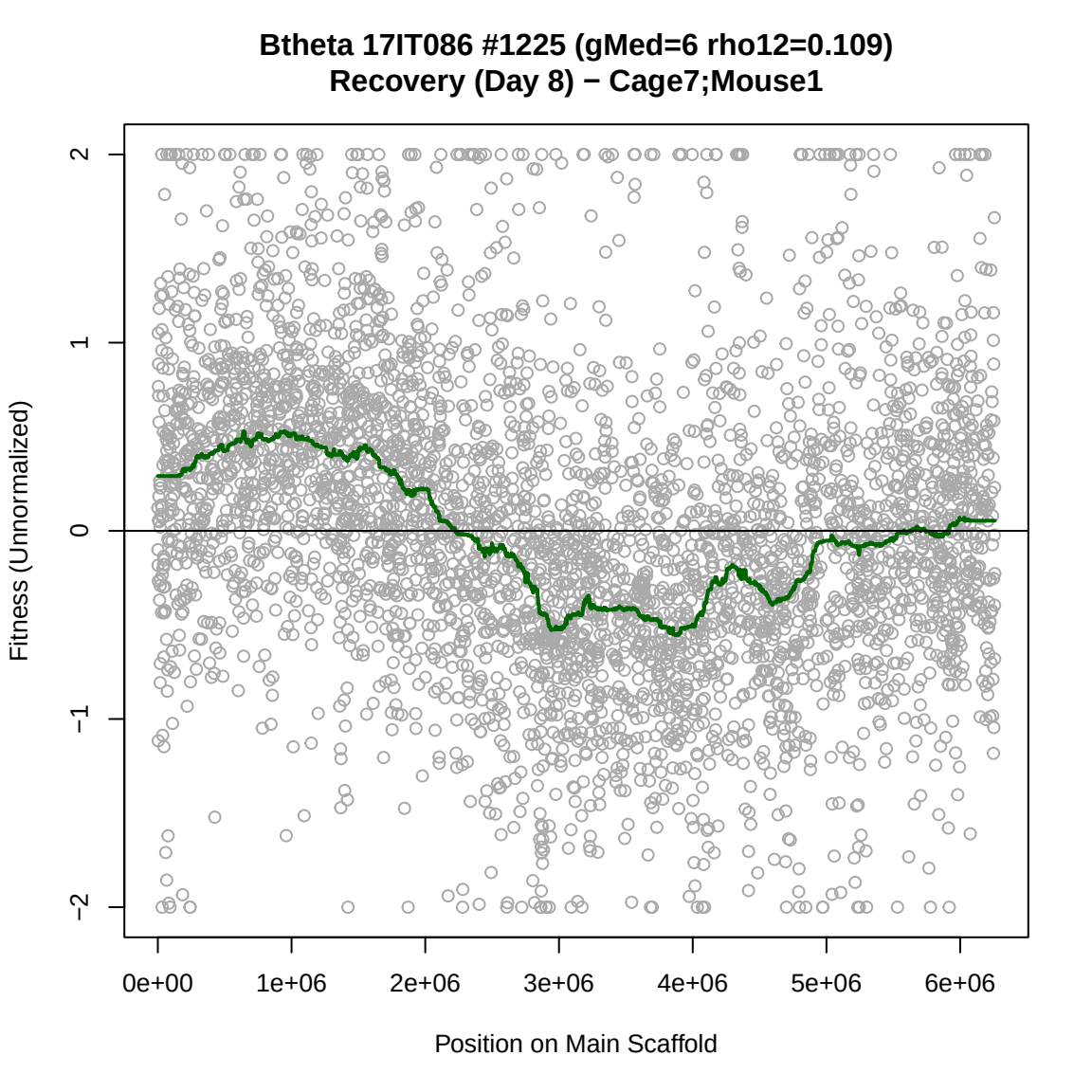

Btheta 17IT081 #1220 (gMed=1 rho12=0.122)
Recovery (Day 11) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

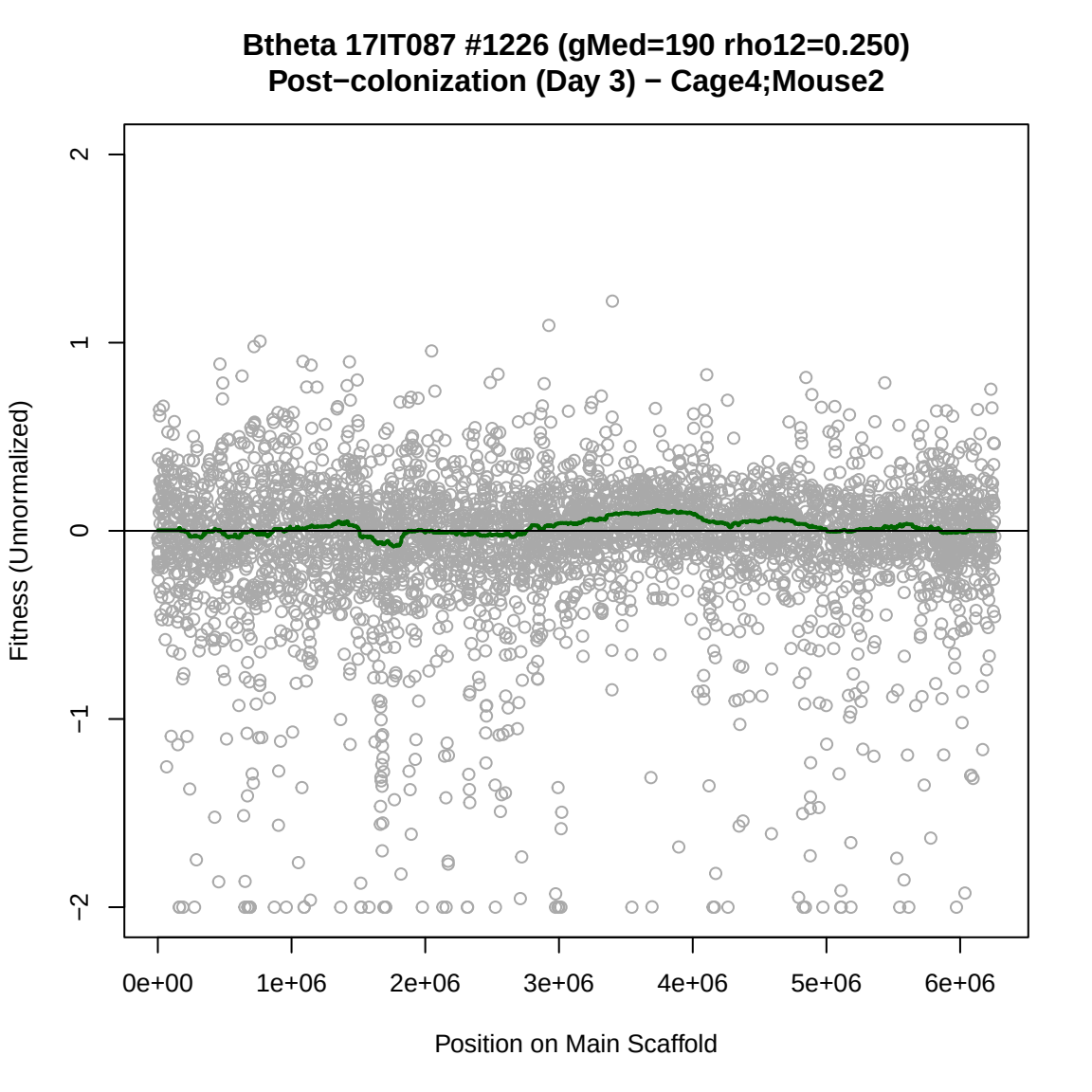

Btheta 17IT082 #1221 (gMed=0 rho12=0.142)
Recovery (Day 15) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

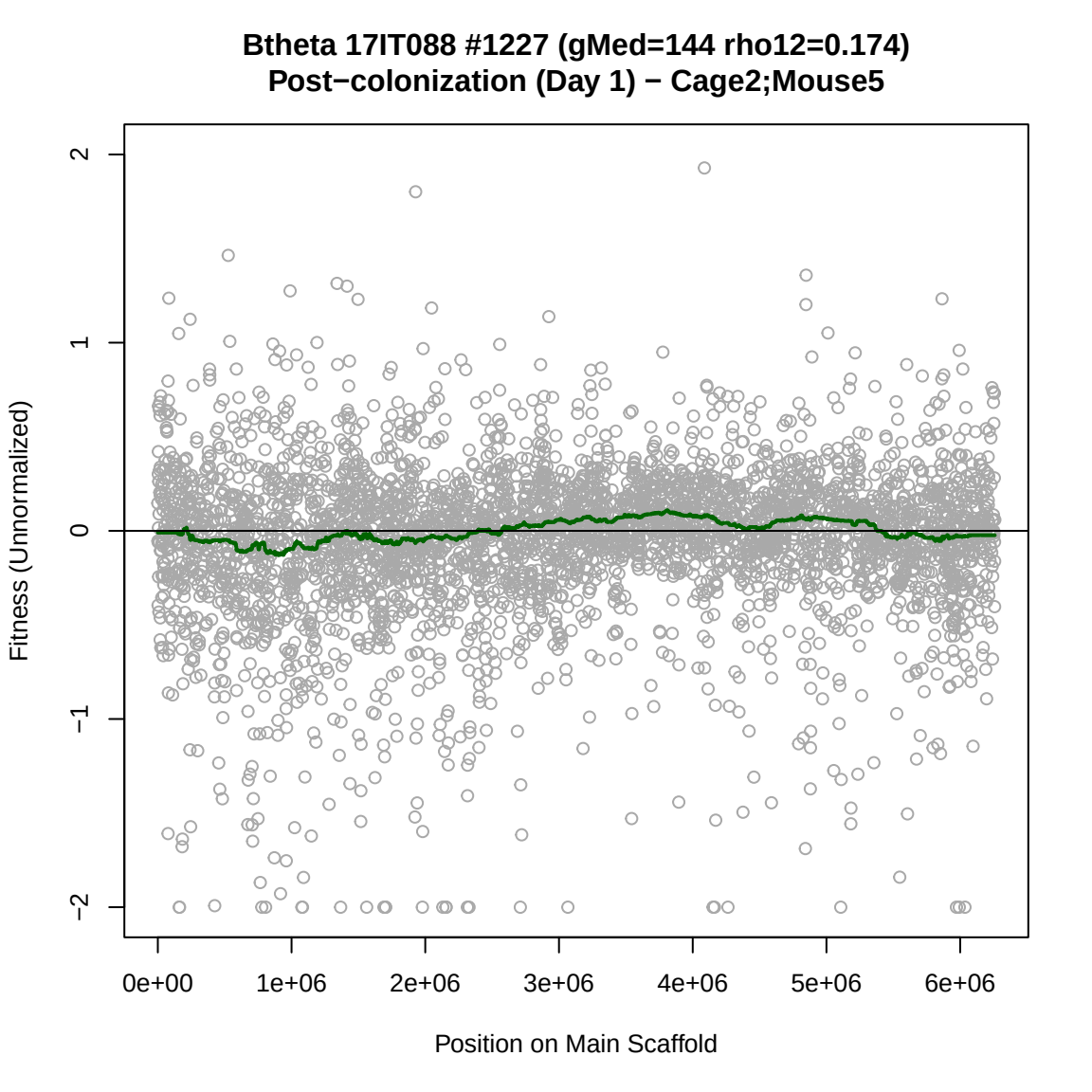

Btheta 17IT083 #1222 (gMed=0 rho12=0.156)
Recovery (Day 18) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

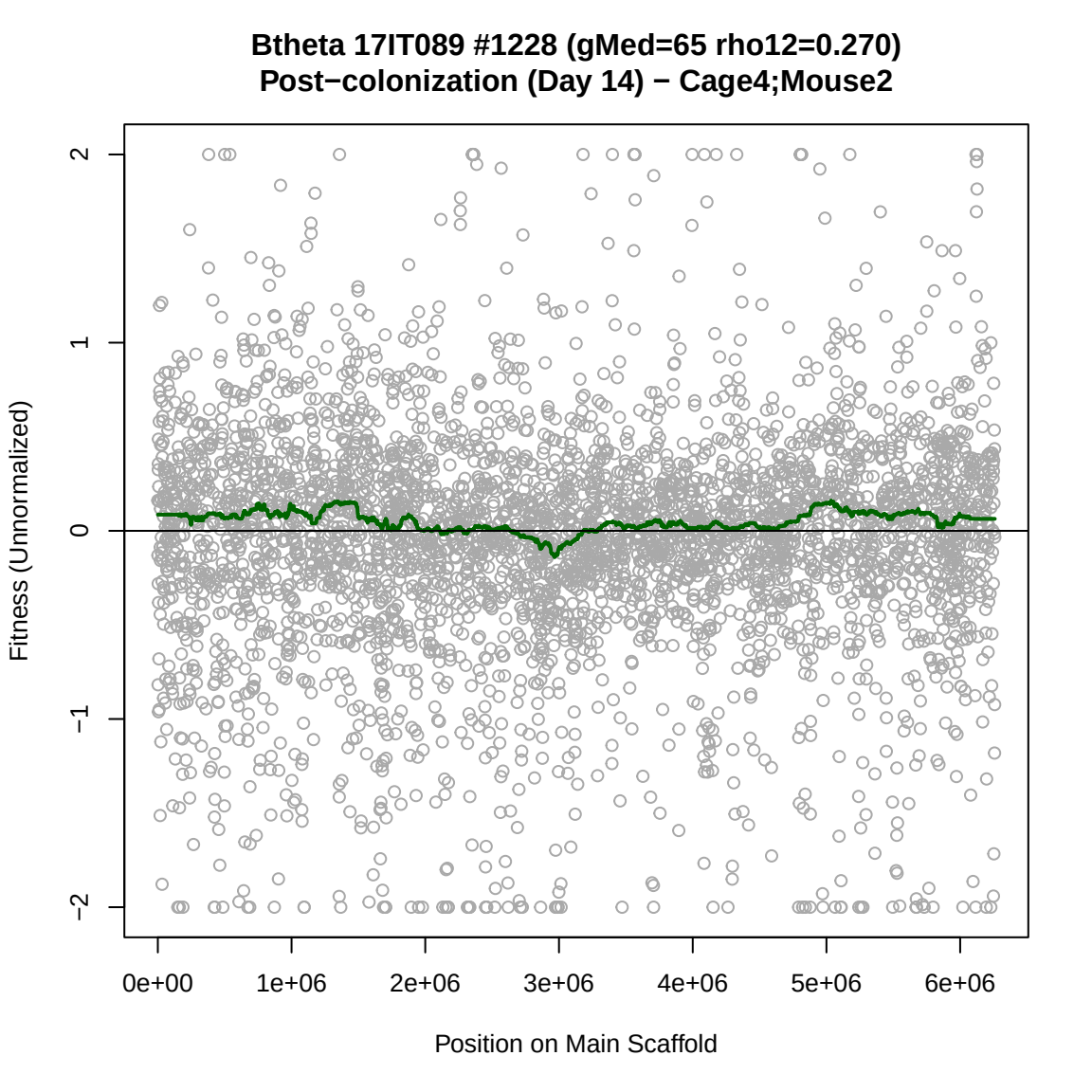

Btheta 17IT084 #1223 (gMed=16 rho12=0.012)
Recovery (Day 22) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

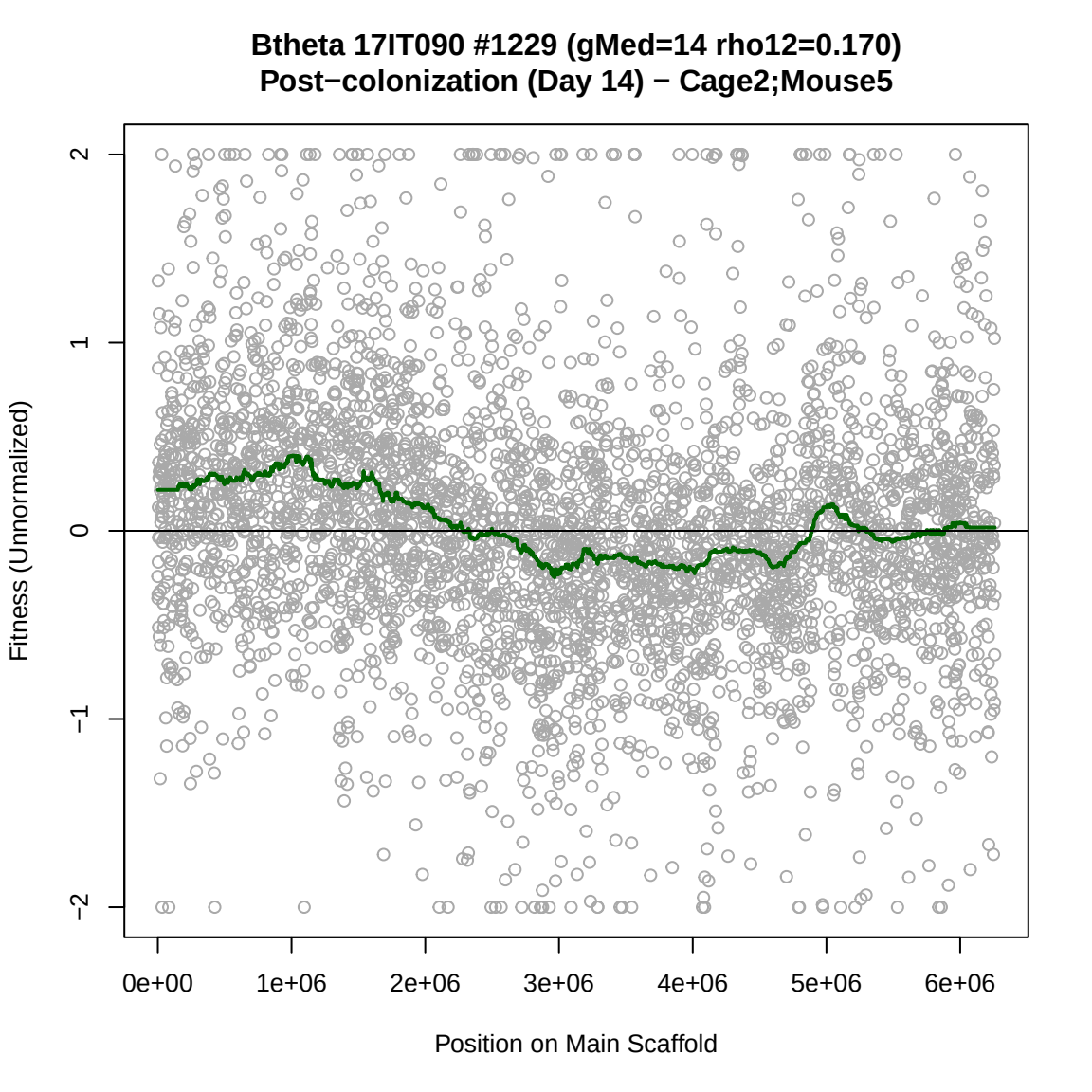

Btheta 17IT085 #1224 (gMed=0 rho12=0.156)
Recovery (Day 22) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

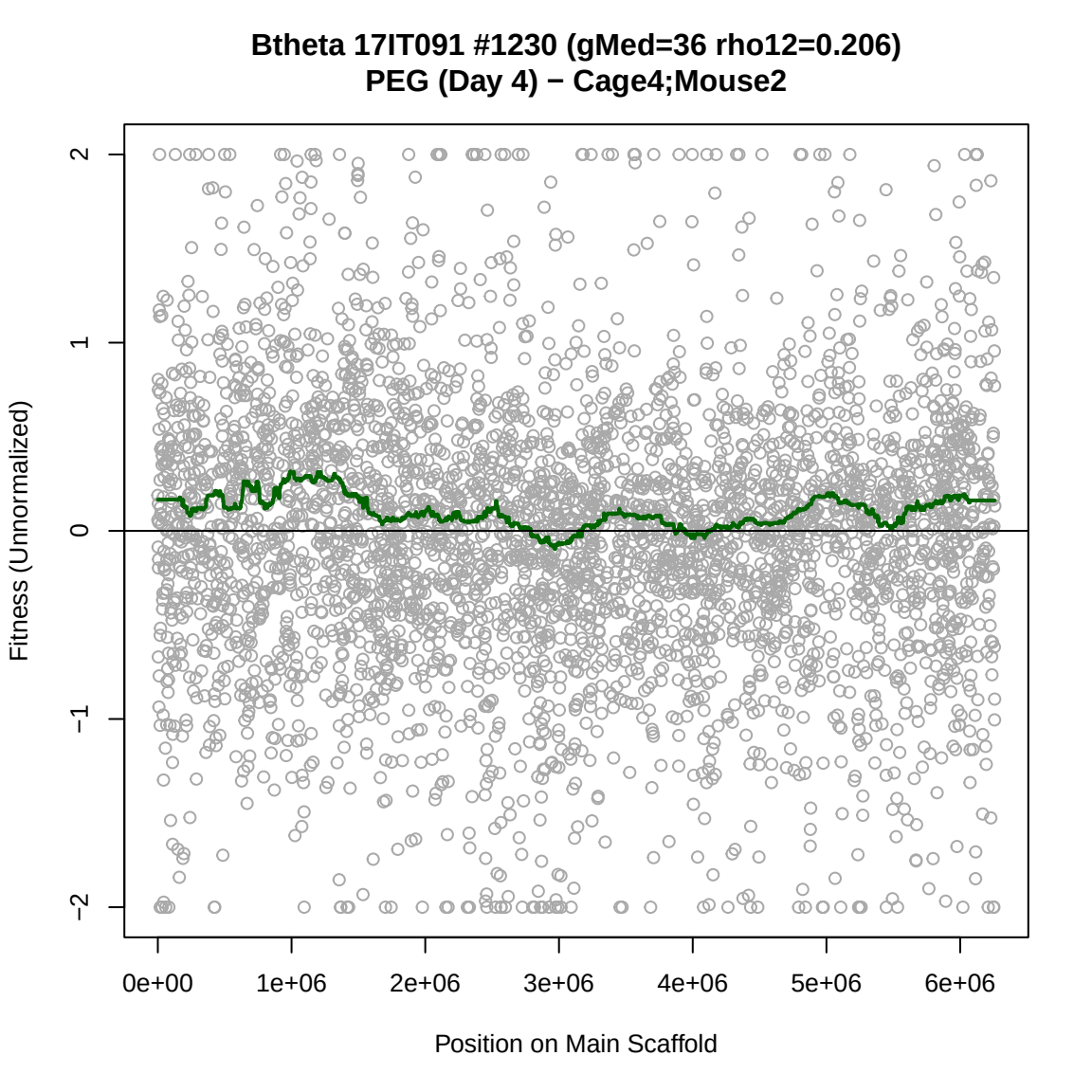

Btheta 17IT086 #1225 (gMed=6 rho12=0.109)
Recovery (Day 8) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

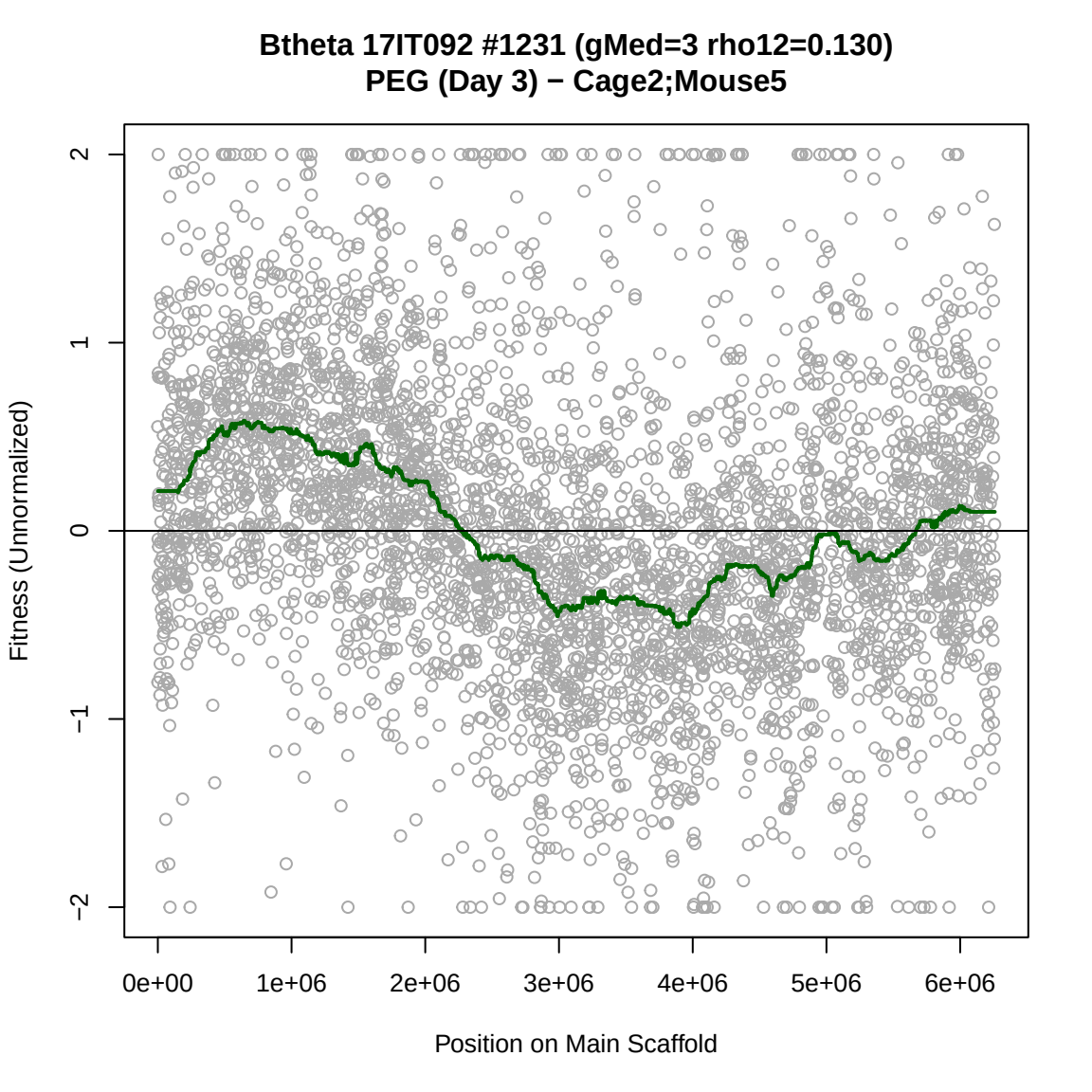

Btheta 17IT087 #1226 (gMed=190 rho12=0.250)
Post−colonization (Day 3) − Cage4;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

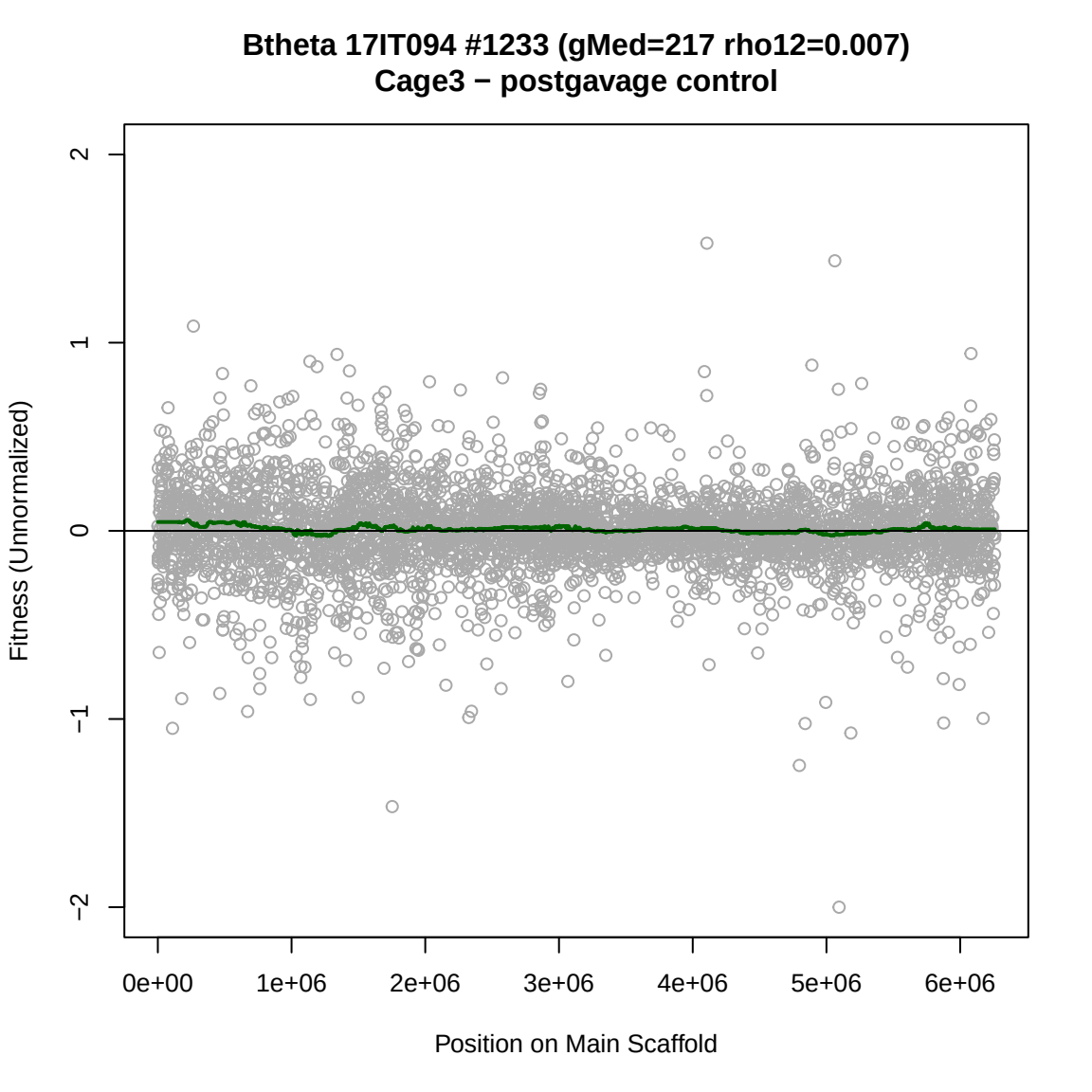

Btheta 17IT088 #1227 (gMed=144 rho12=0.174)
Post−colonization (Day 1) − Cage2;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

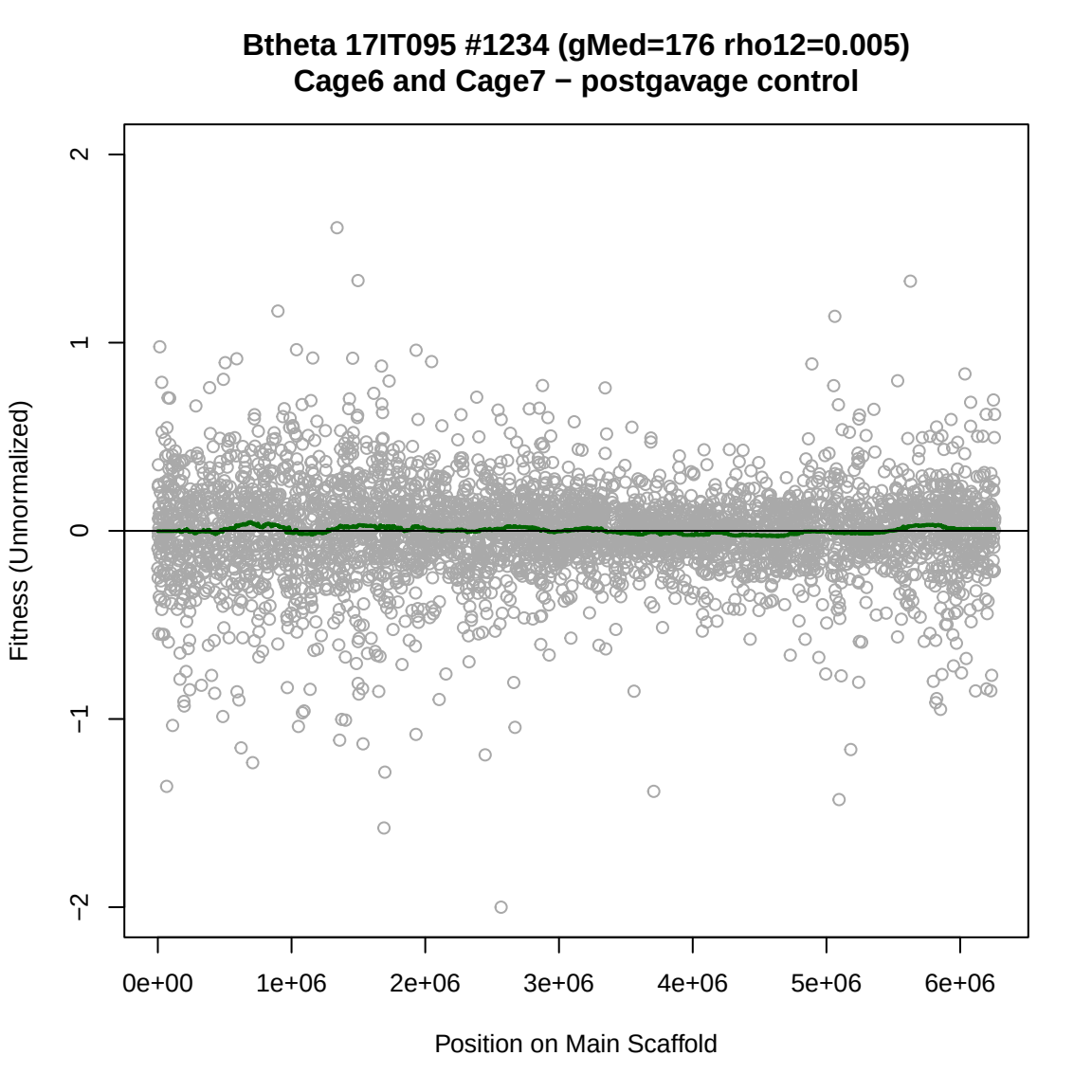

Btheta 17IT089 #1228 (gMed=65 rho12=0.270)
Post−colonization (Day 14) − Cage4;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

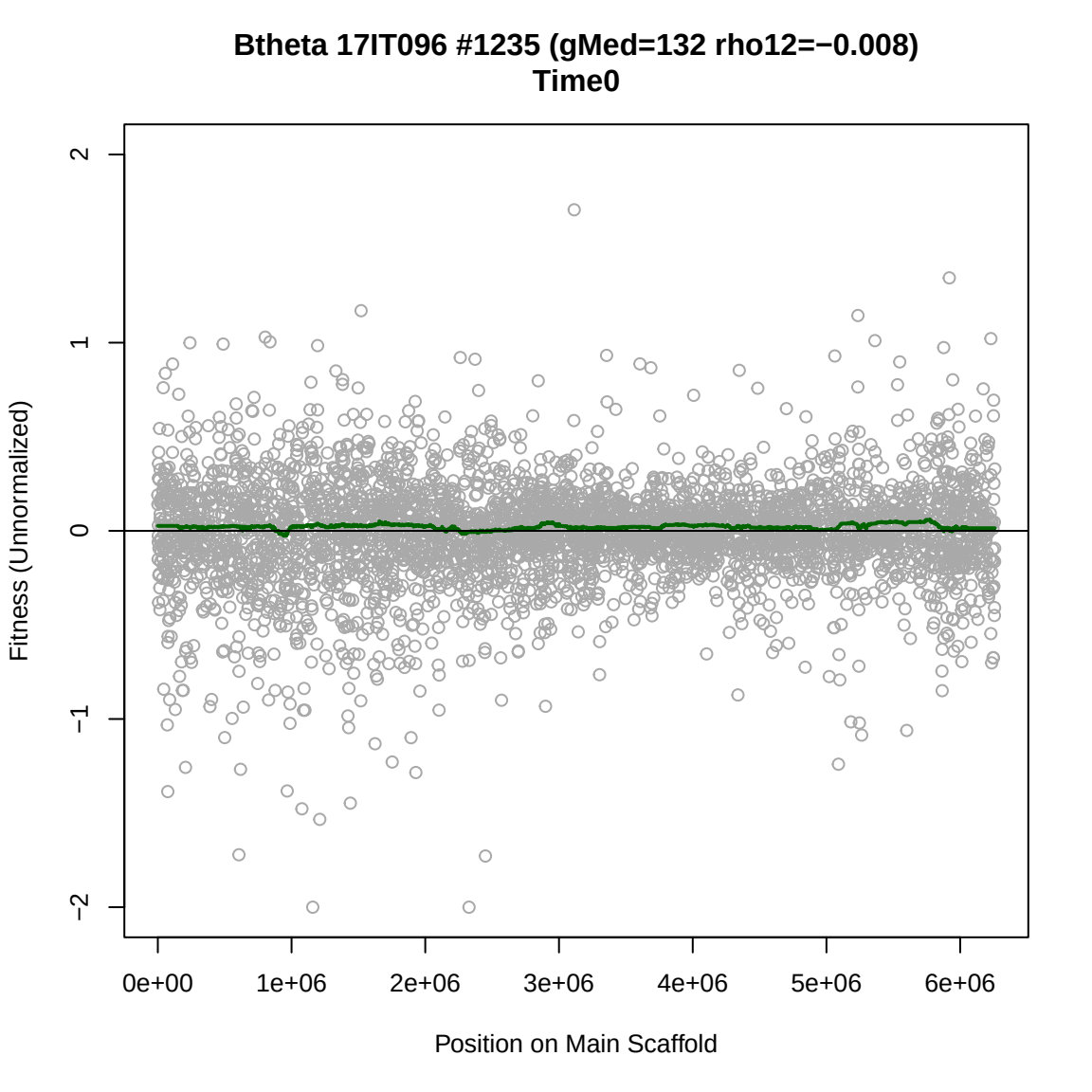

Btheta 17IT090 #1229 (gMed=14 rho12=0.170)
Post−colonization (Day 14) − Cage2;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

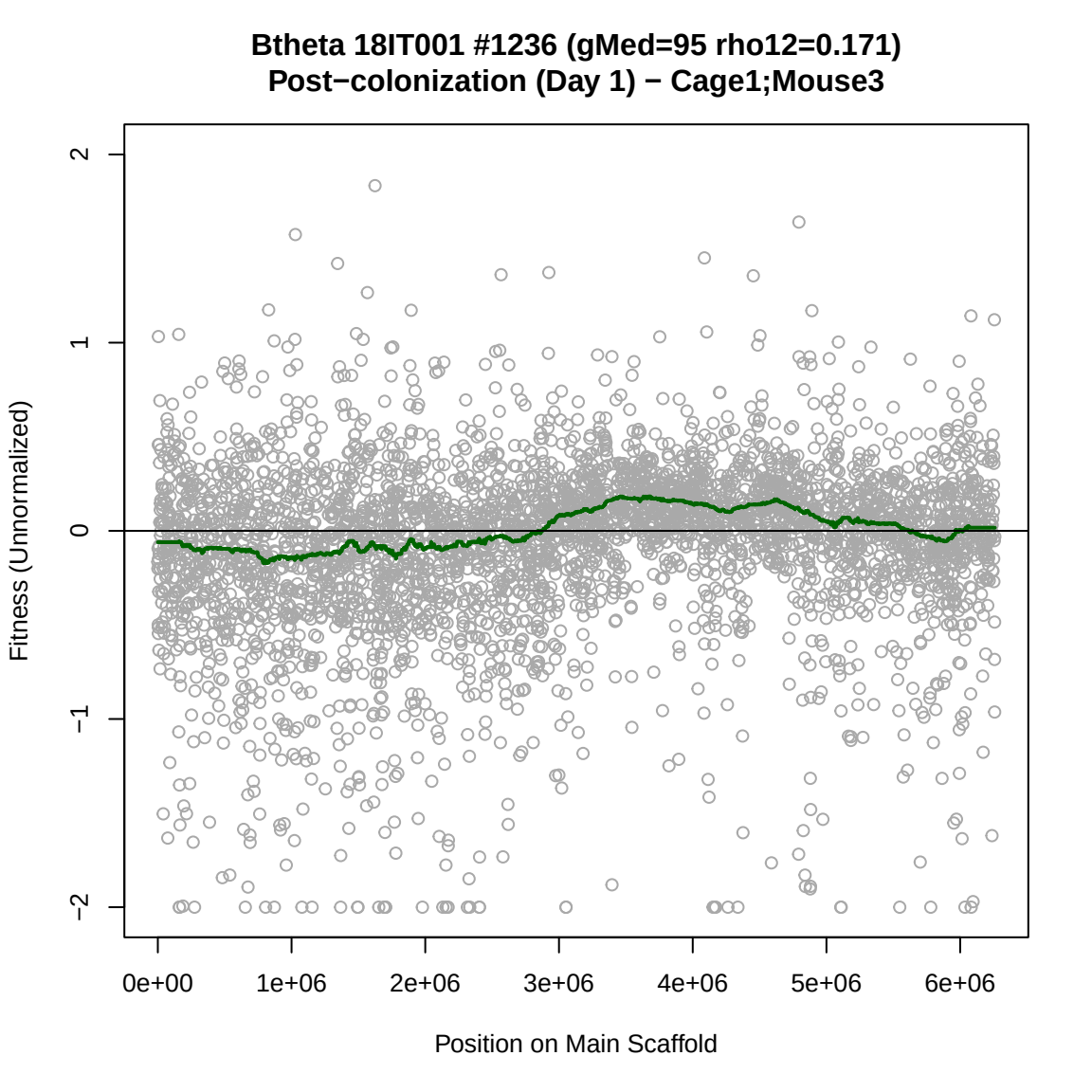

Btheta 17IT091 #1230 (gMed=36 rho12=0.206)
PEG (Day 4) − Cage4;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

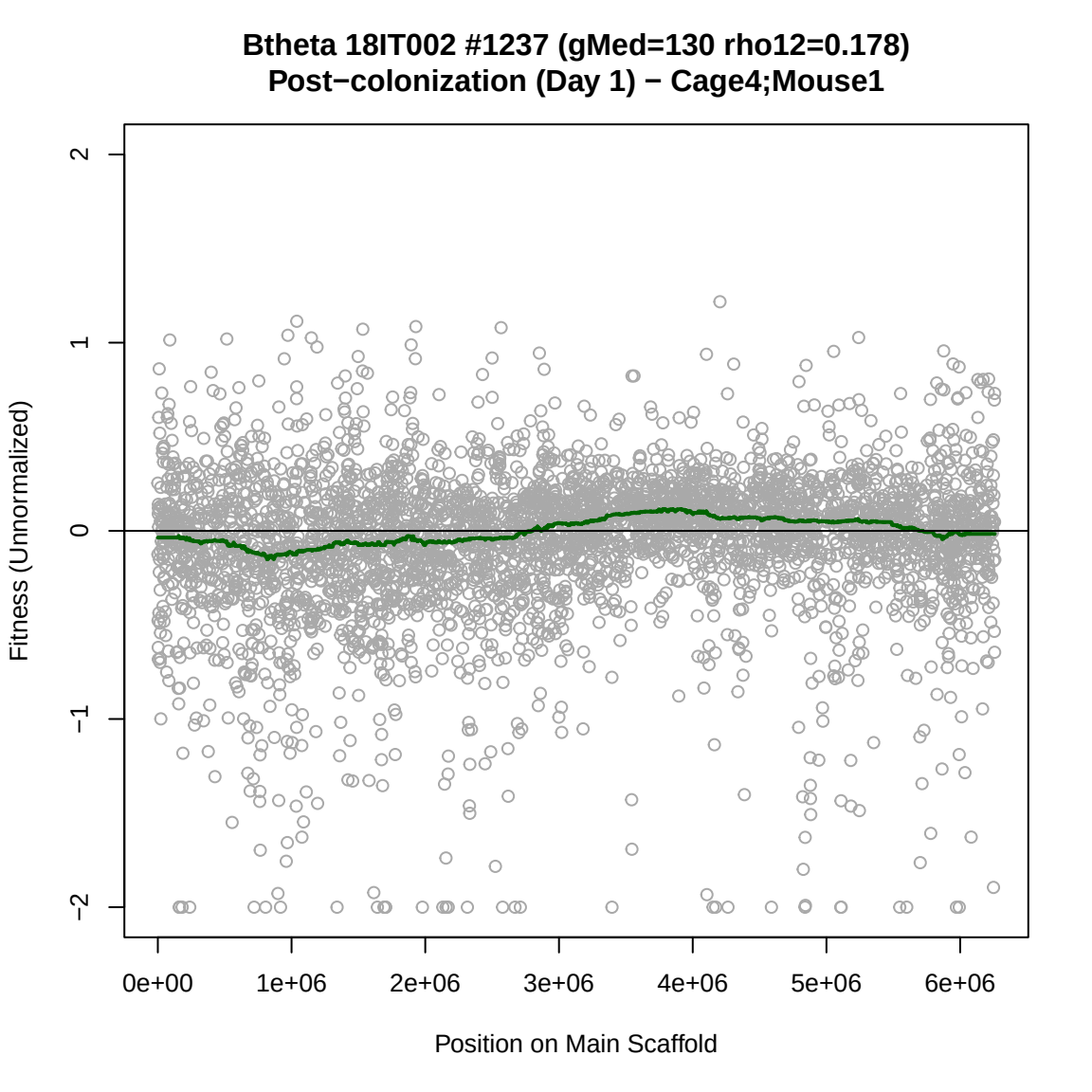

Btheta 17IT092 #1231 (gMed=3 rho12=0.130)
PEG (Day 3) − Cage2;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

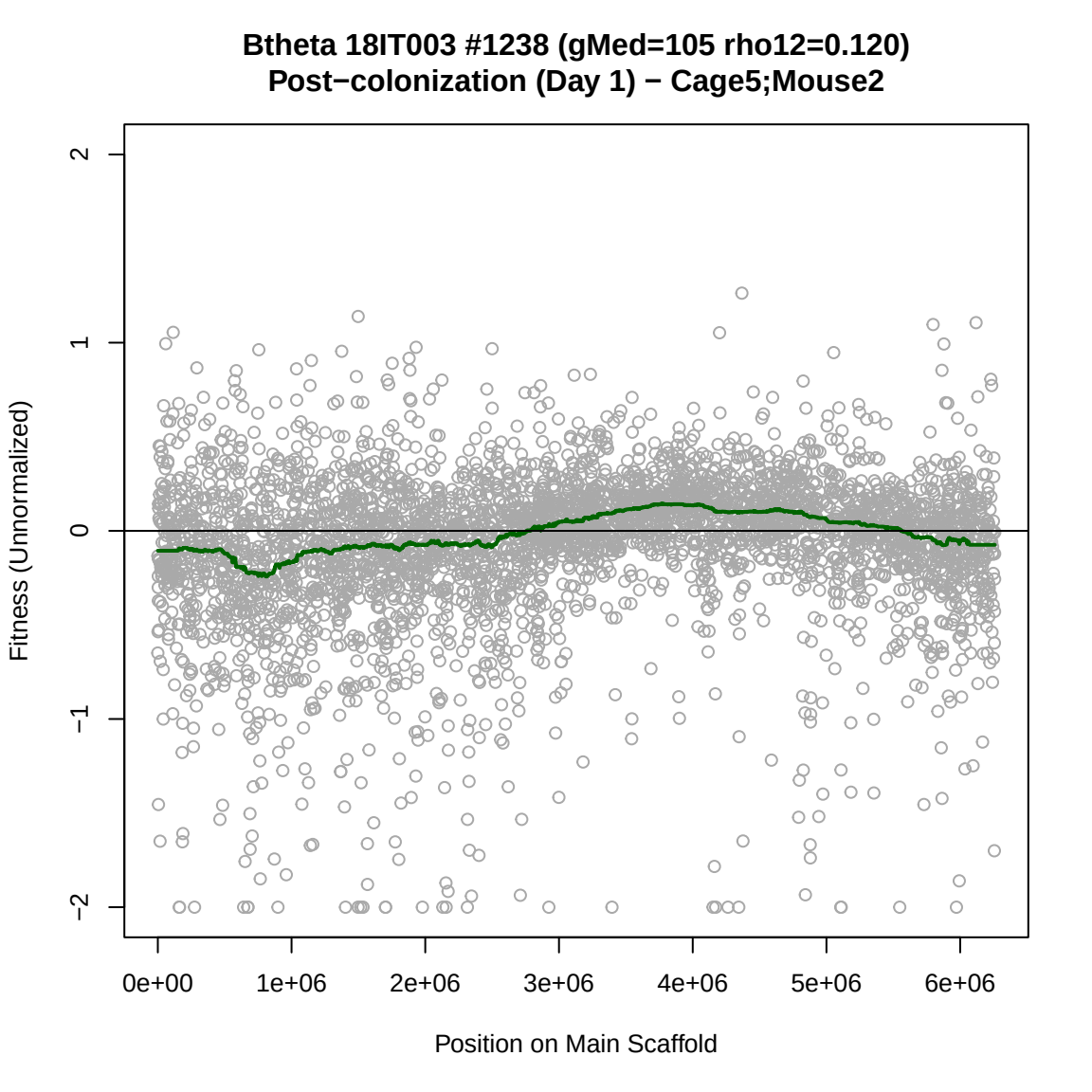

Btheta 17IT094 #1233 (gMed=217 rho12=0.007)
Cage3 − postgavage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

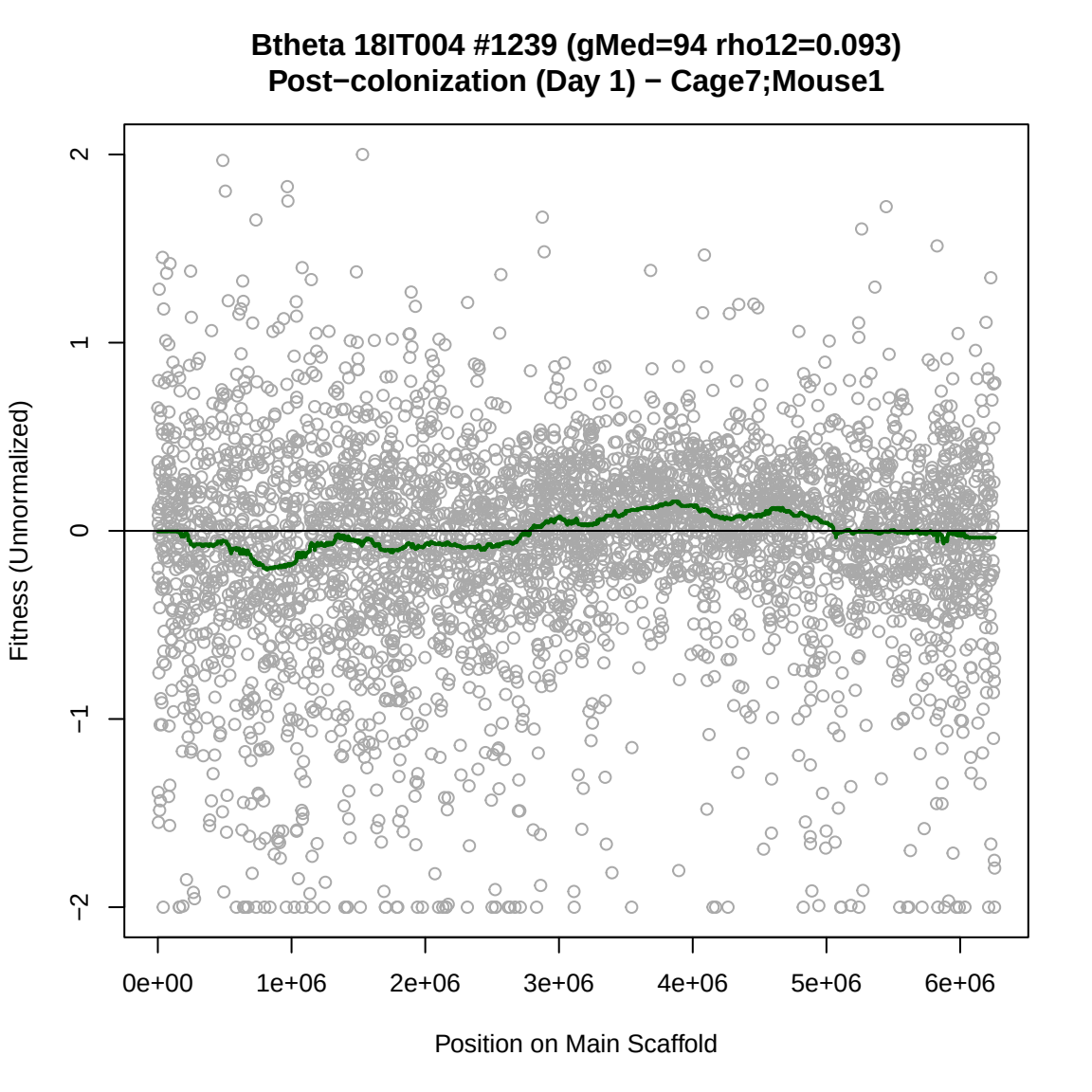

Btheta 17IT095 #1234 (gMed=176 rho12=0.005)
Cage6 and Cage7 − postgavage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

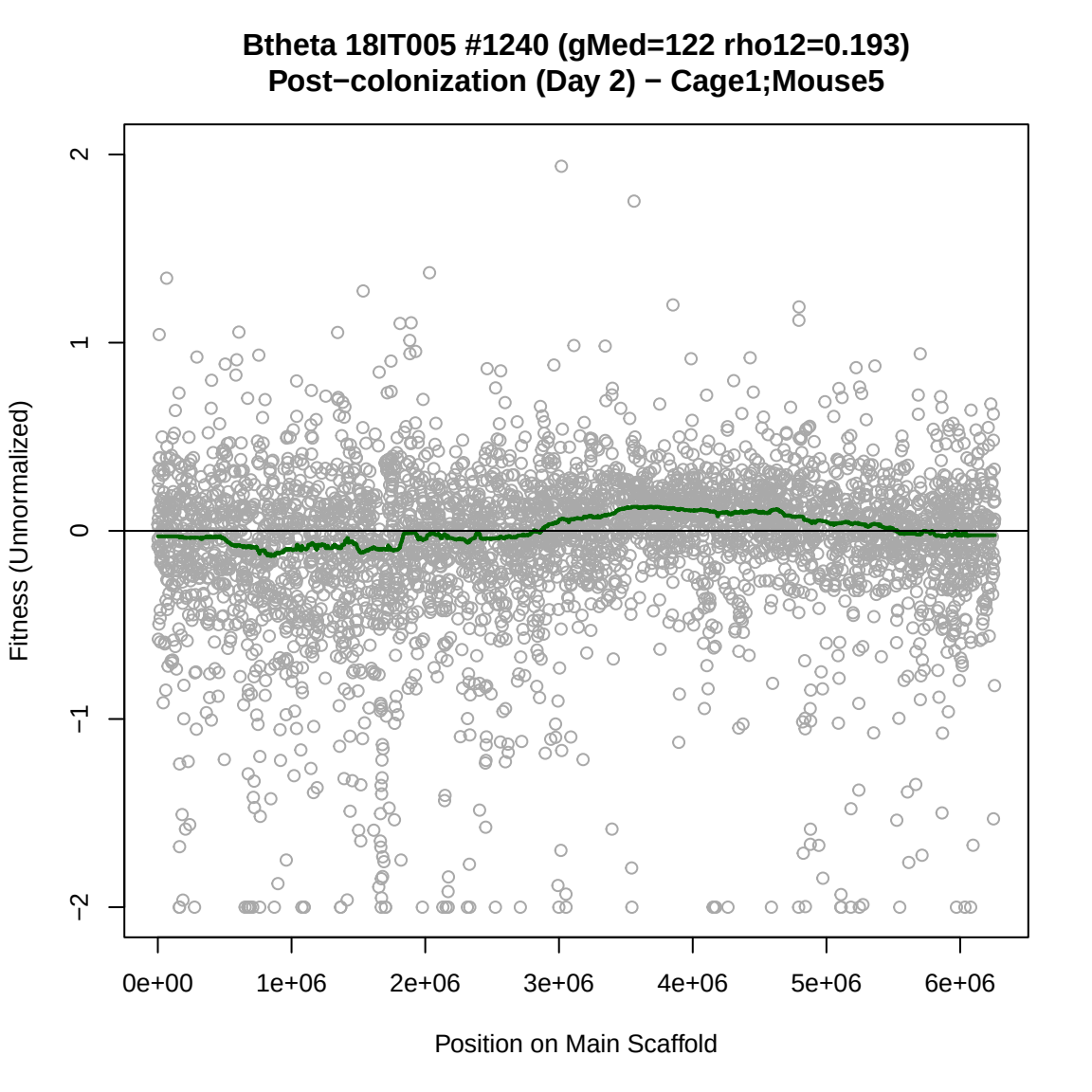

Btheta 17IT096 #1235 (gMed=132 rho12=−0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

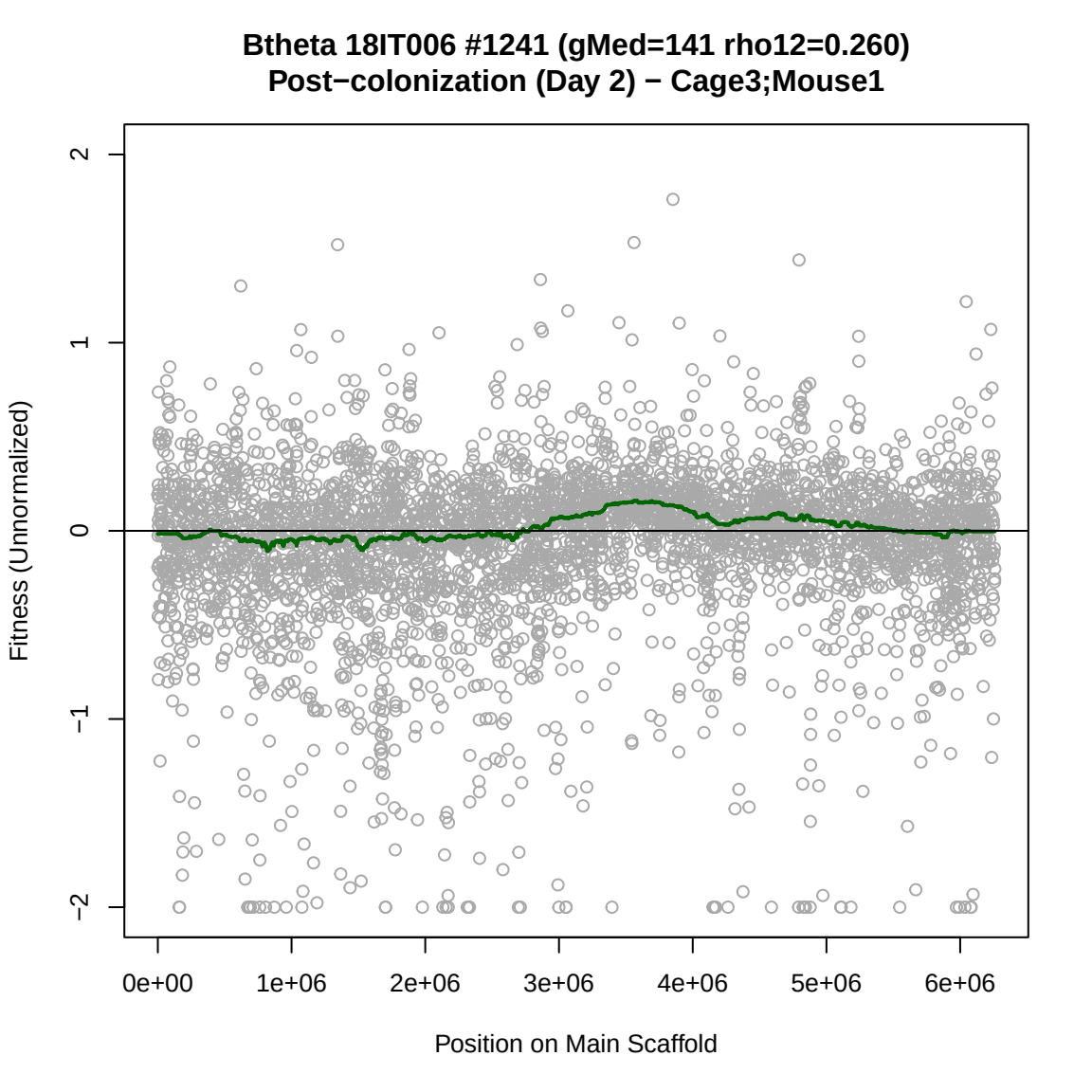

Btheta 18IT001 #1236 (gMed=95 rho12=0.171)
Post−colonization (Day 1) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

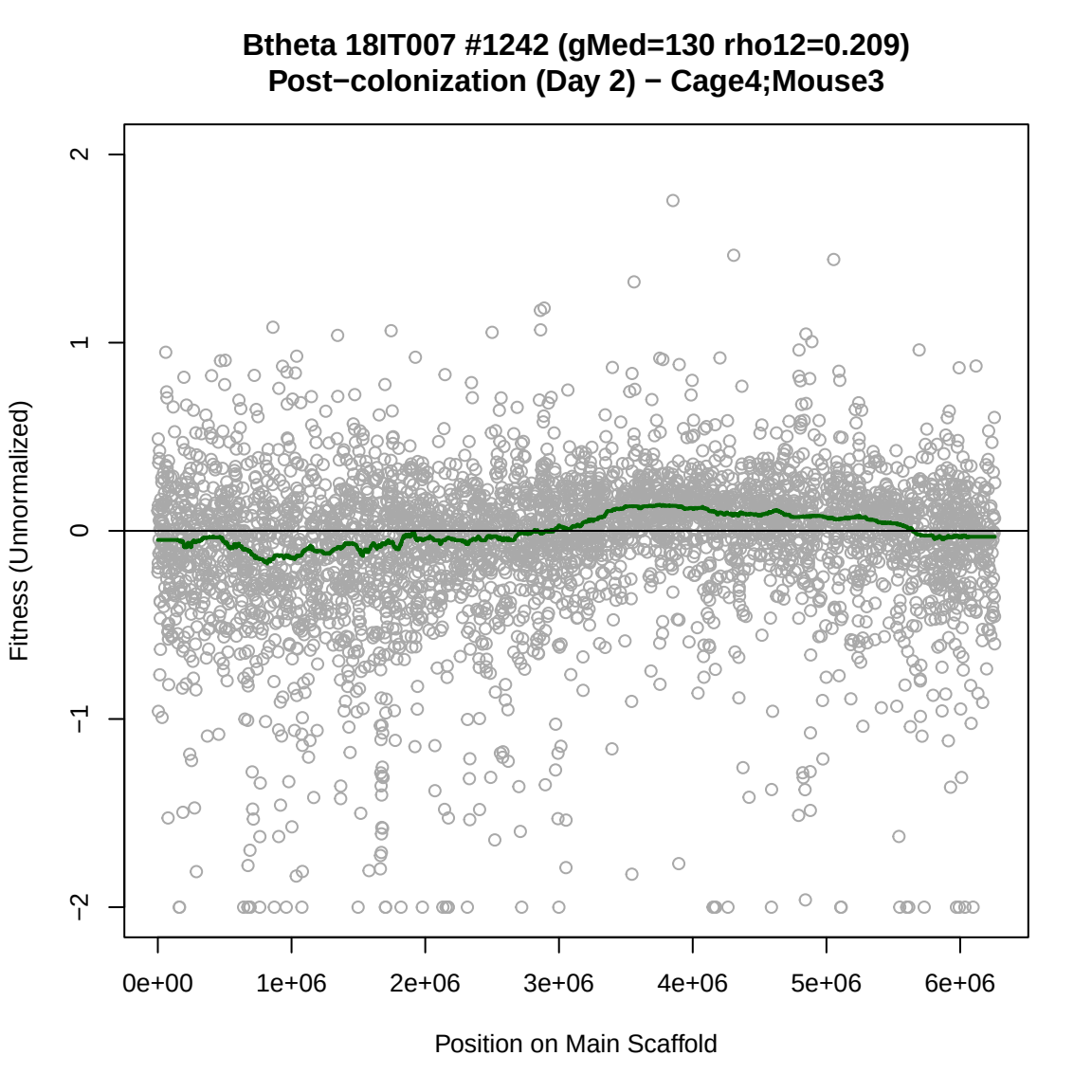

Btheta 18IT002 #1237 (gMed=130 rho12=0.178)
Post−colonization (Day 1) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

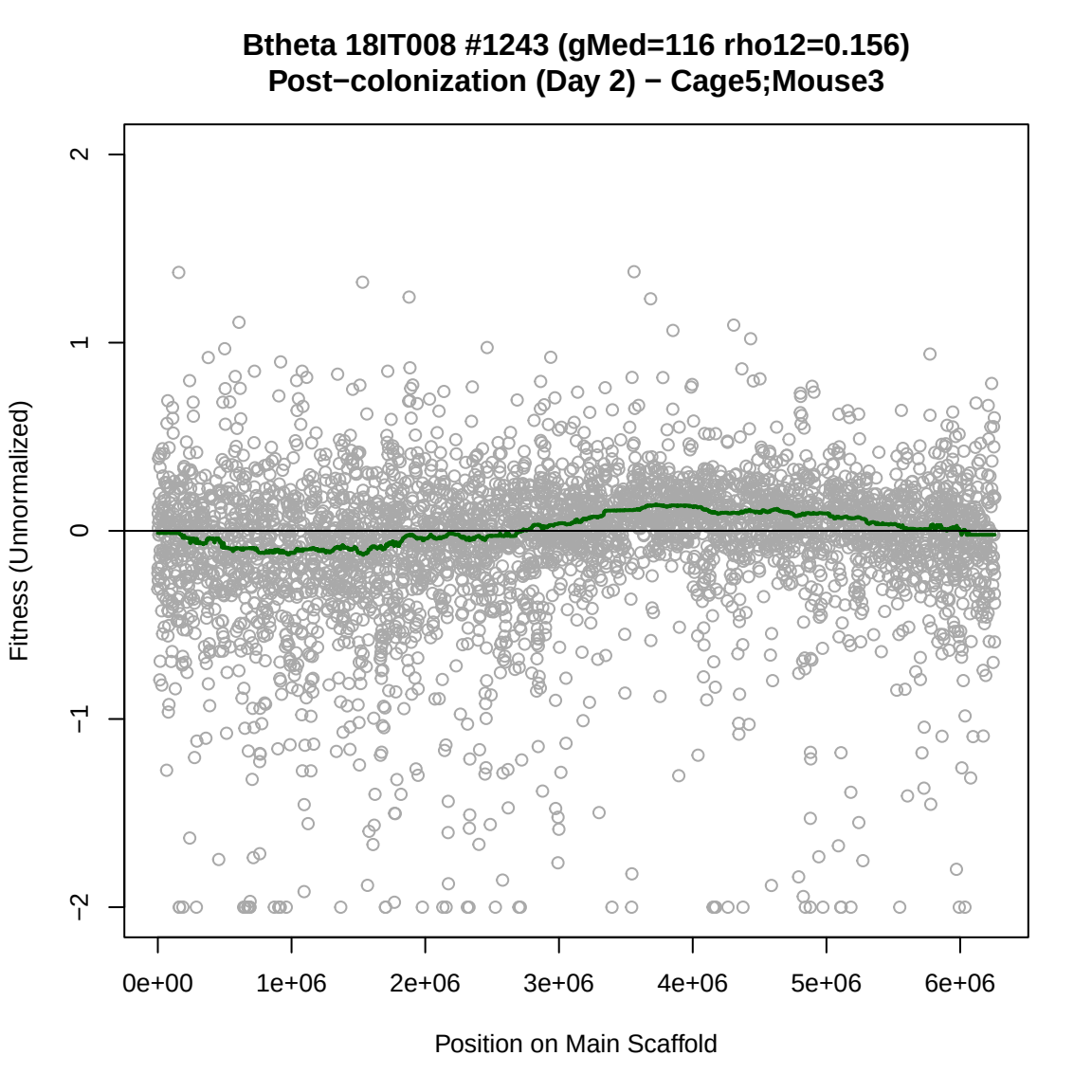

Btheta 18IT003 #1238 (gMed=105 rho12=0.120)
Post−colonization (Day 1) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

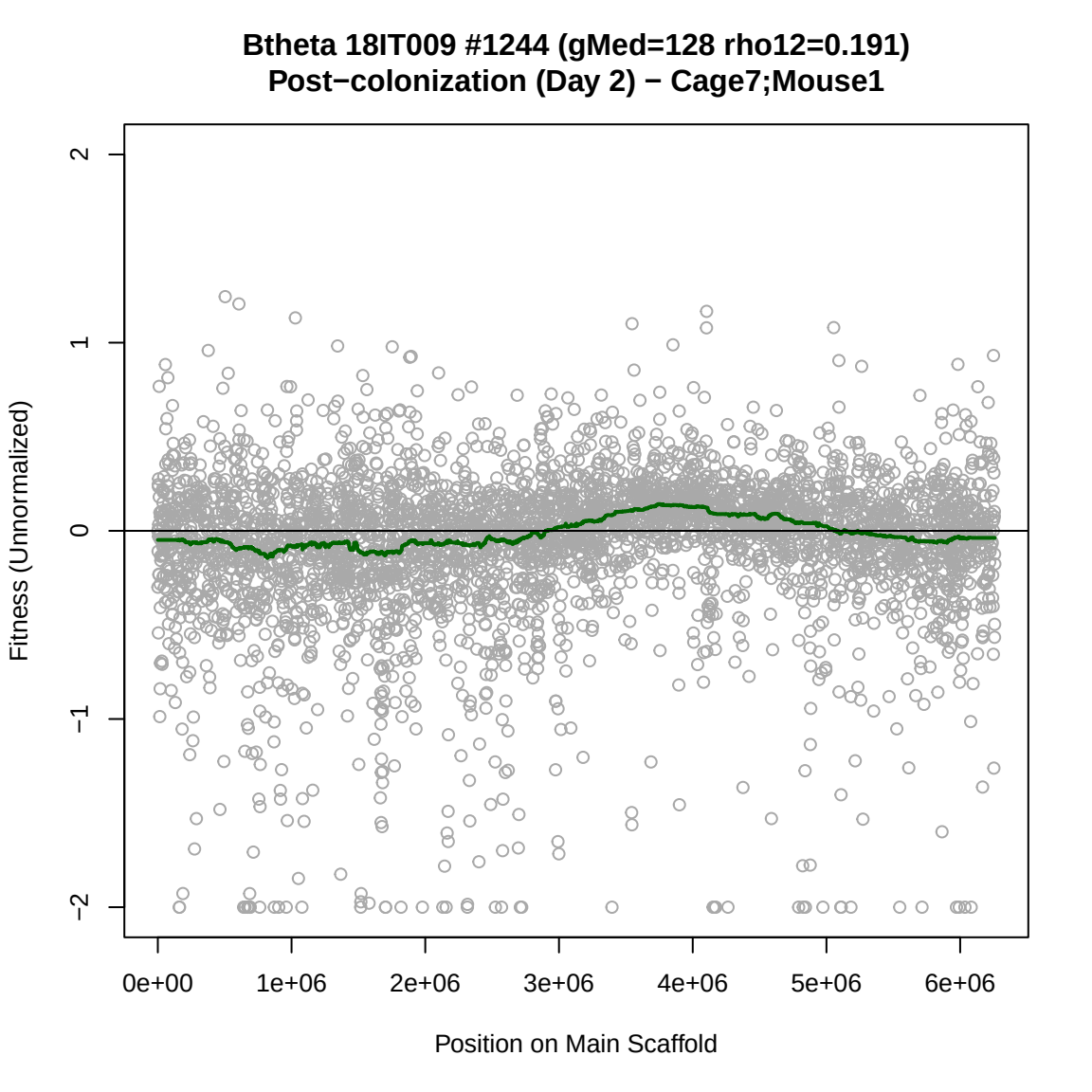

Btheta 18IT004 #1239 (gMed=94 rho12=0.093)
Post−colonization (Day 1) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

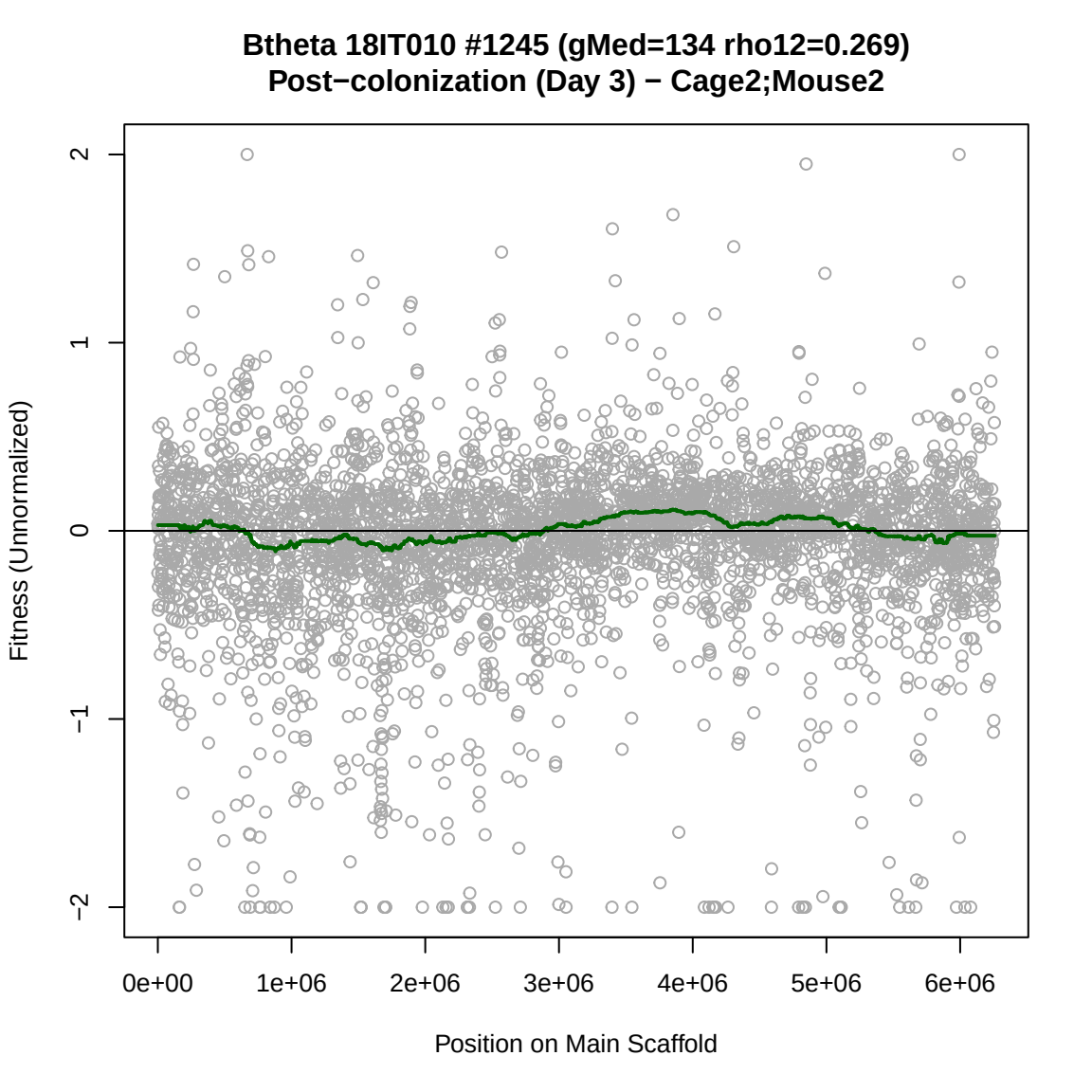

Btheta 18IT005 #1240 (gMed=122 rho12=0.193)
Post−colonization (Day 2) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

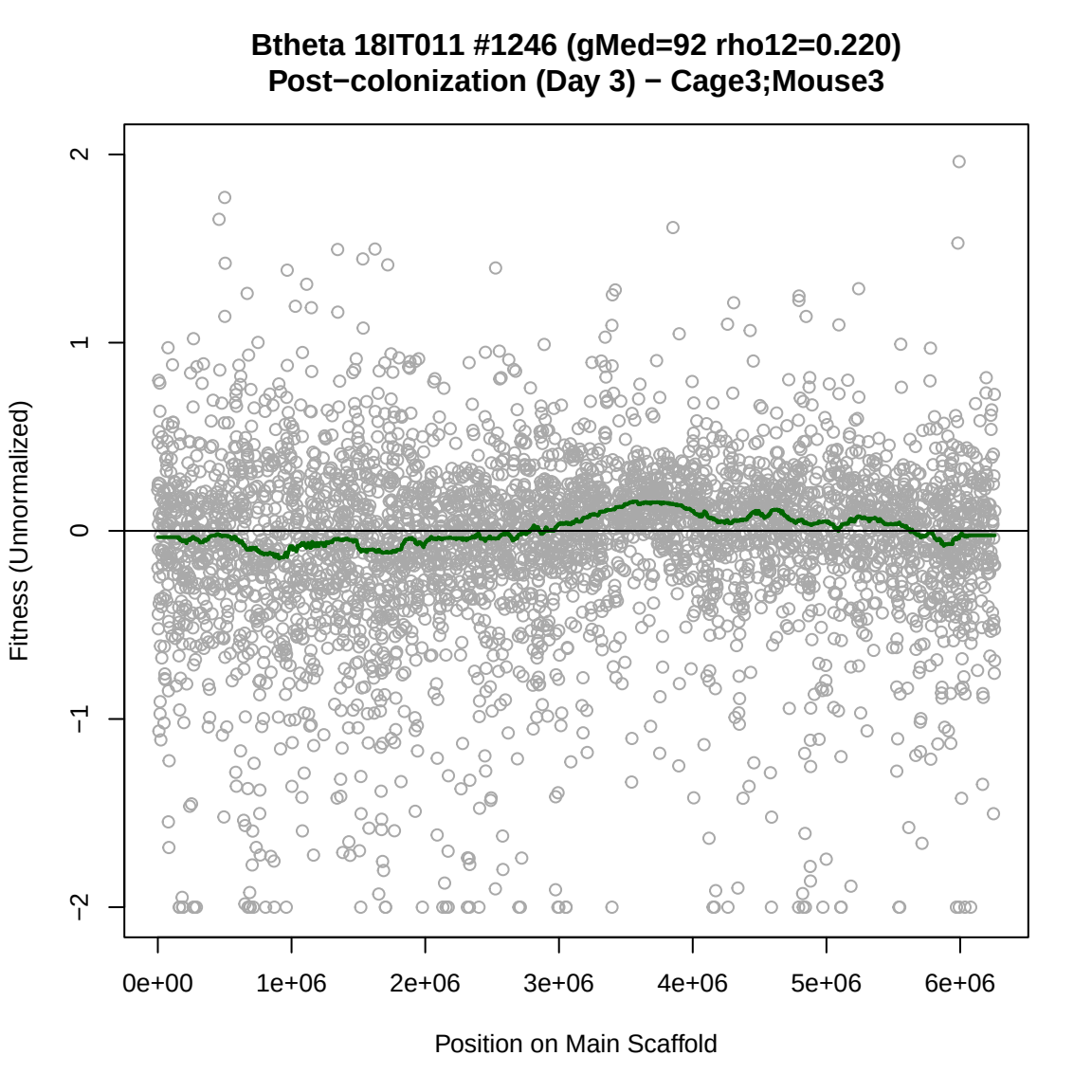

Btheta 18IT006 #1241 (gMed=141 rho12=0.260)
Post−colonization (Day 2) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

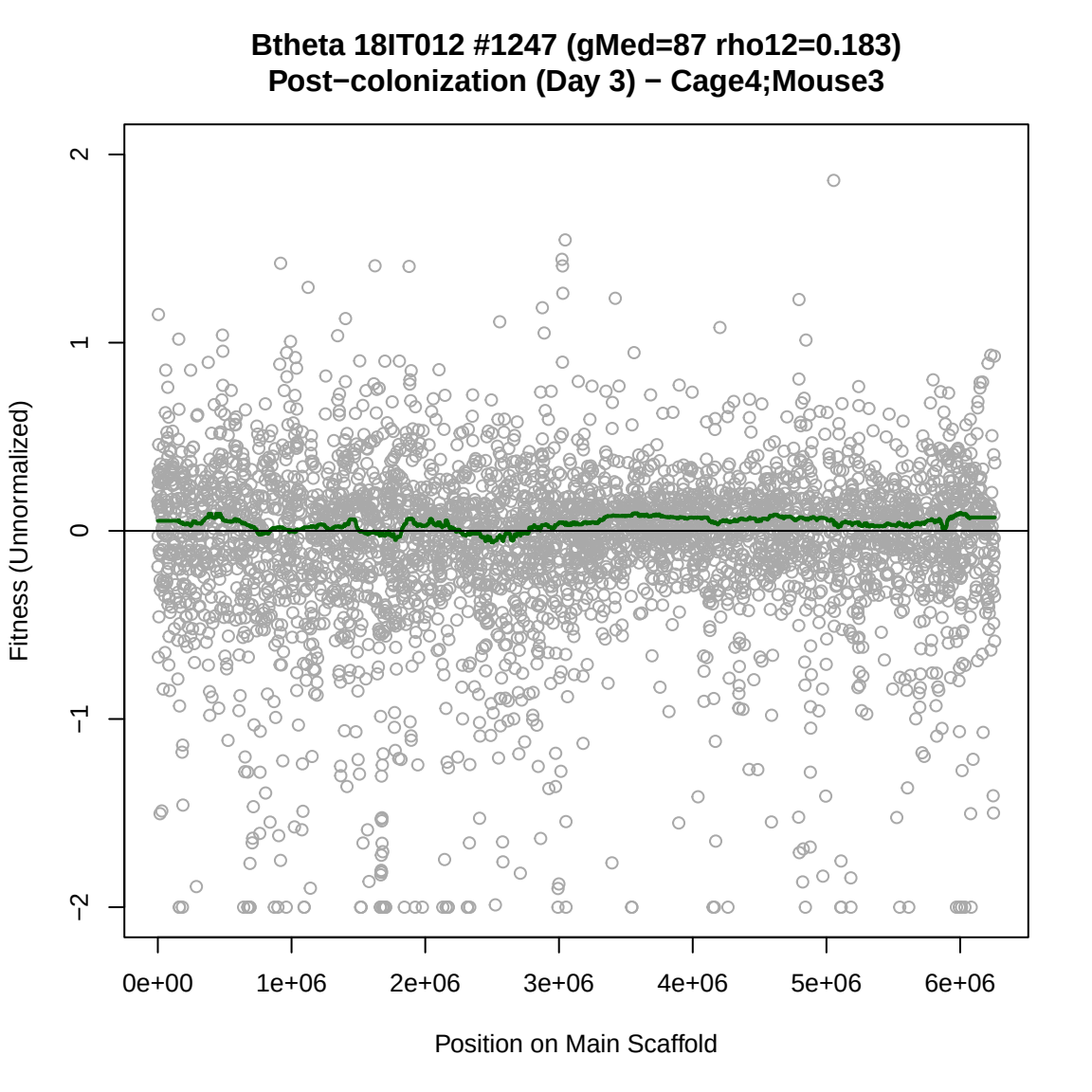

Btheta 18IT007 #1242 (gMed=130 rho12=0.209)
Post−colonization (Day 2) − Cage4;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

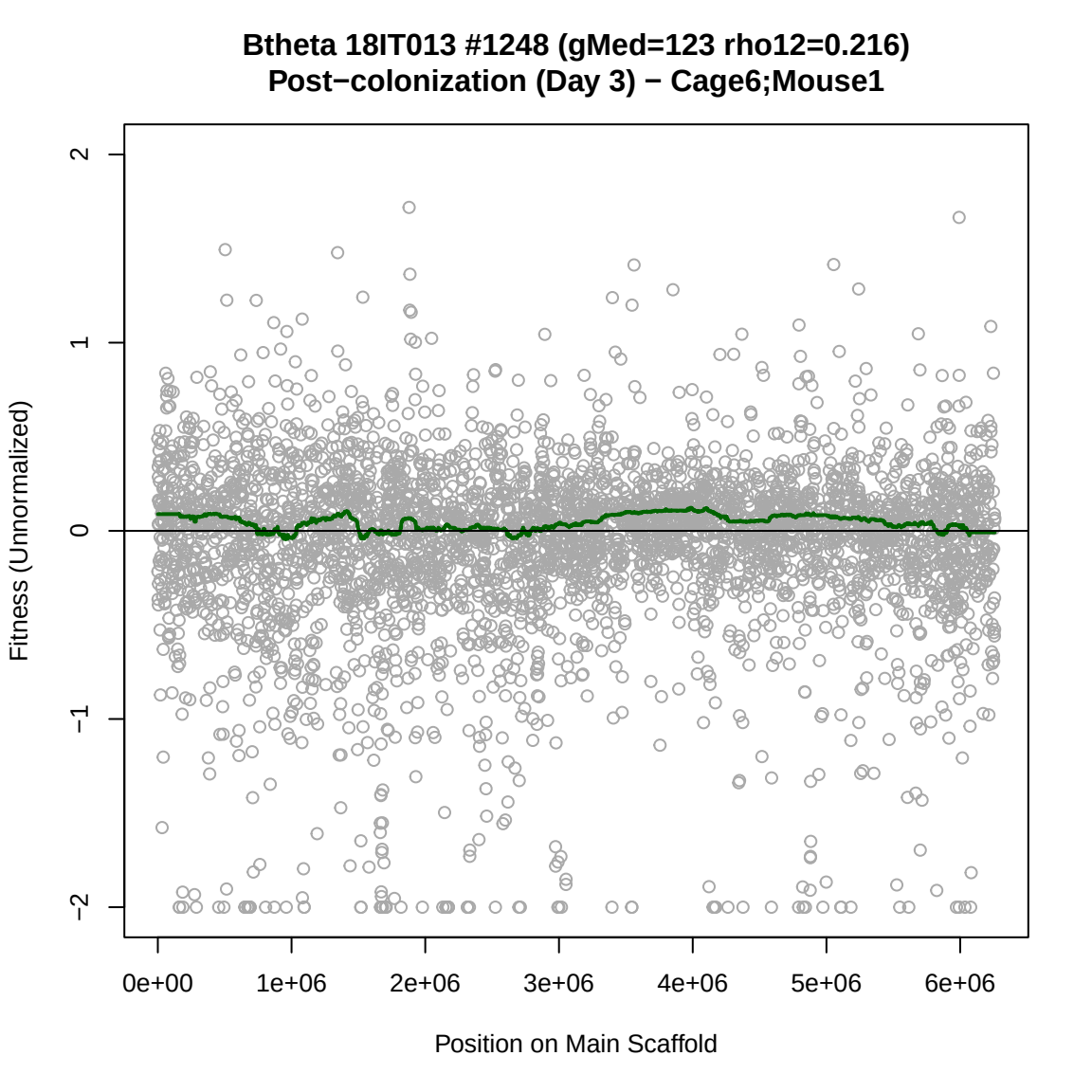

Btheta 18IT008 #1243 (gMed=116 rho12=0.156)
Post−colonization (Day 2) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

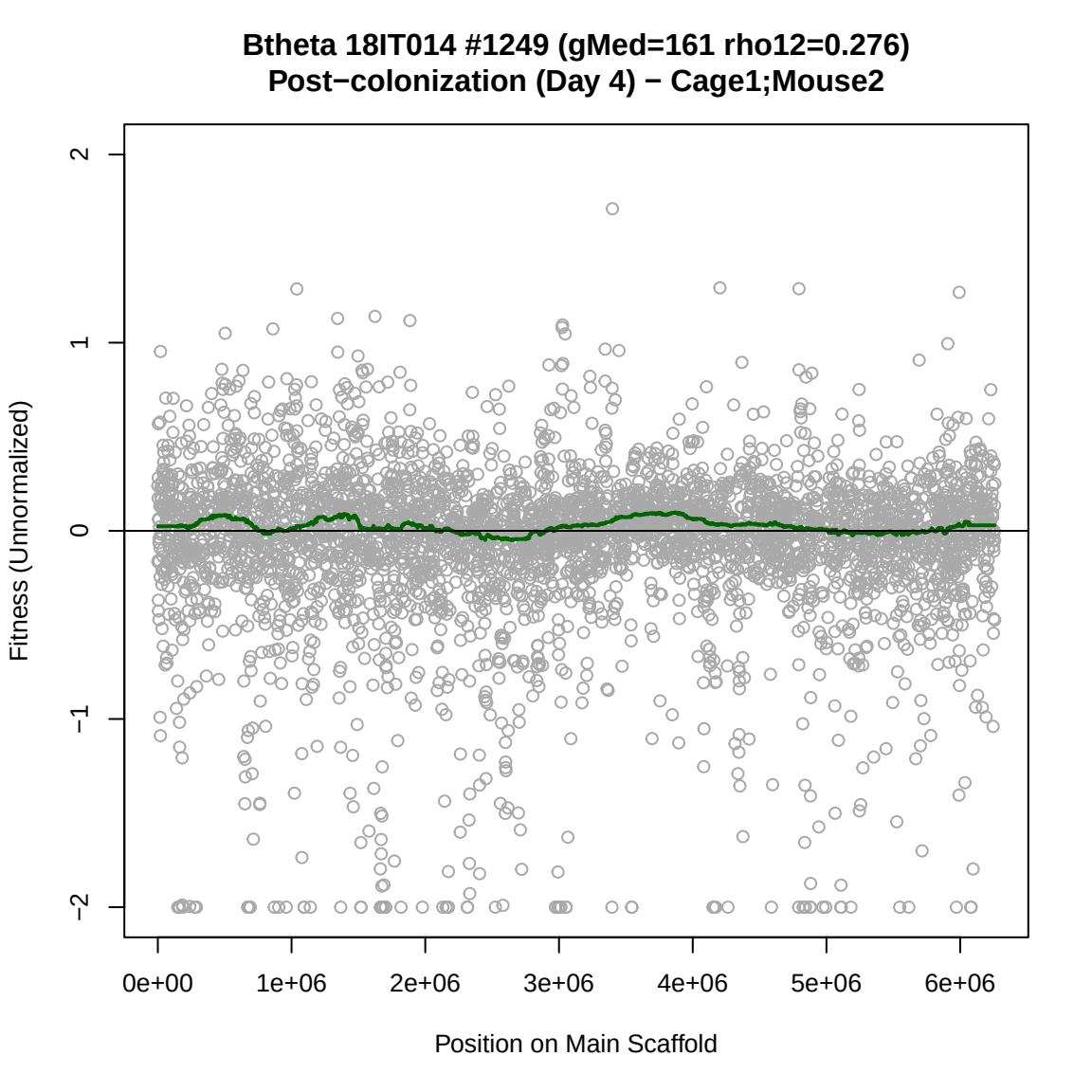

Btheta 18IT009 #1244 (gMed=128 rho12=0.191)
Post−colonization (Day 2) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

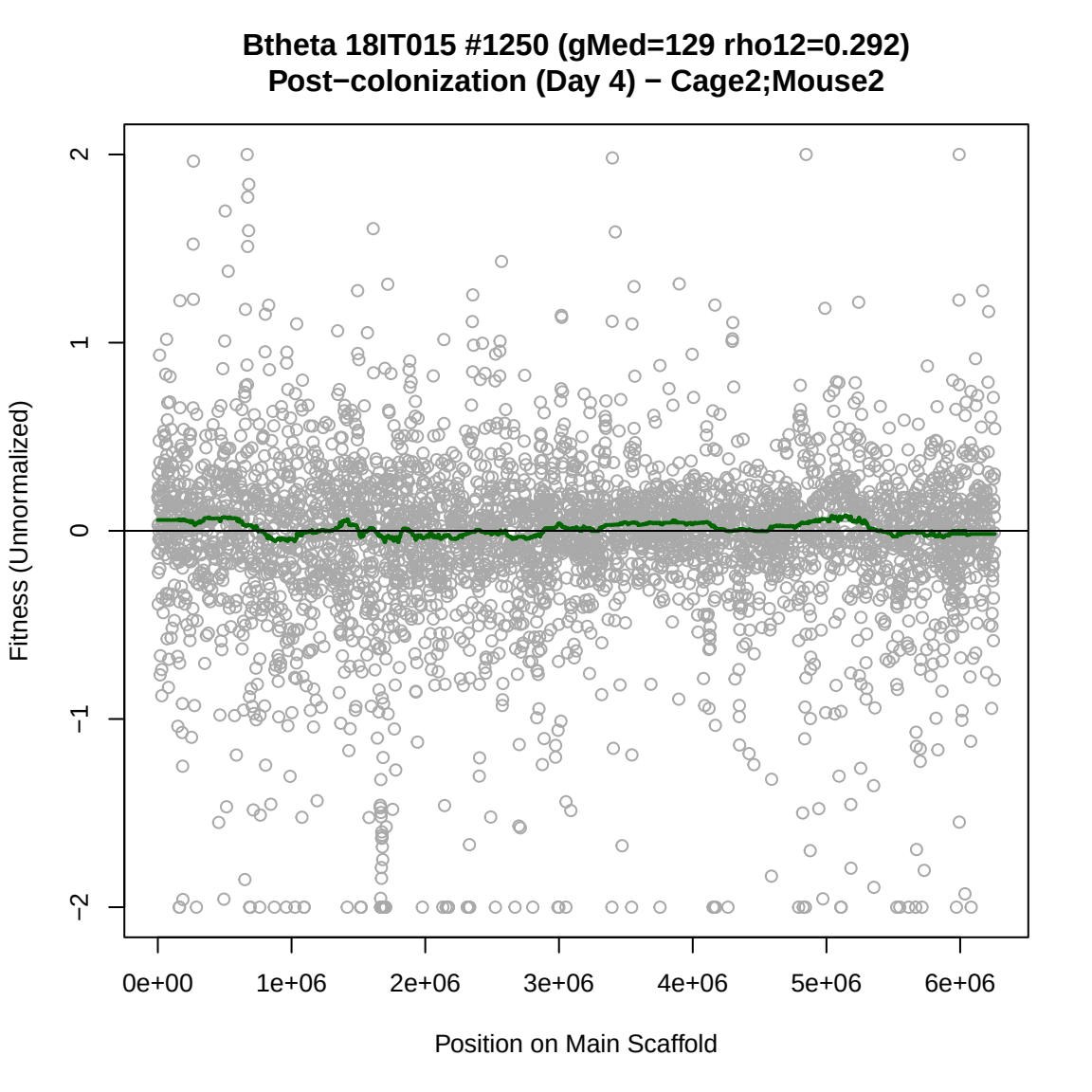

Btheta 18IT010 #1245 (gMed=134 rho12=0.269)
Post−colonization (Day 3) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

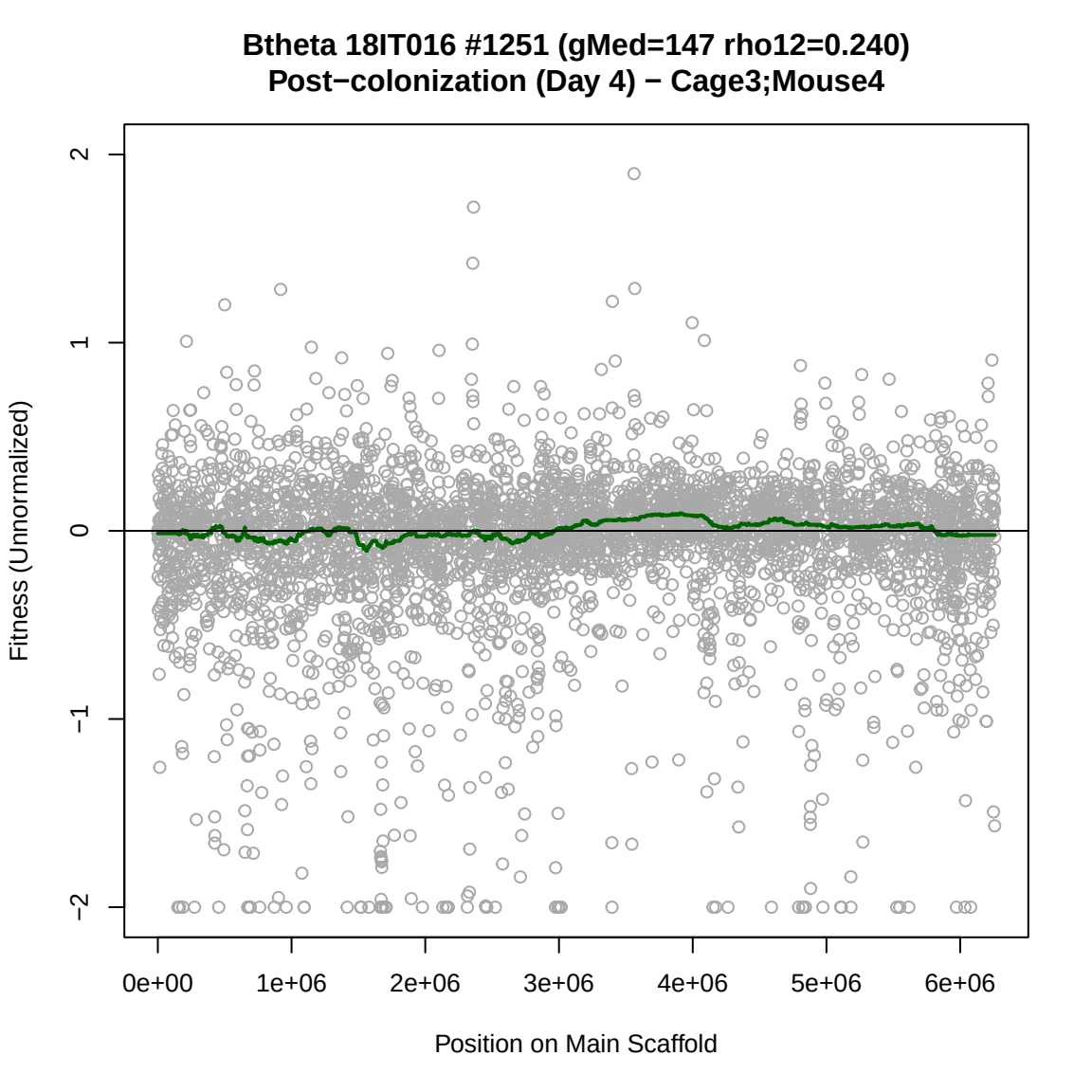

Btheta 18IT011 #1246 (gMed=92 rho12=0.220)
Post−colonization (Day 3) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

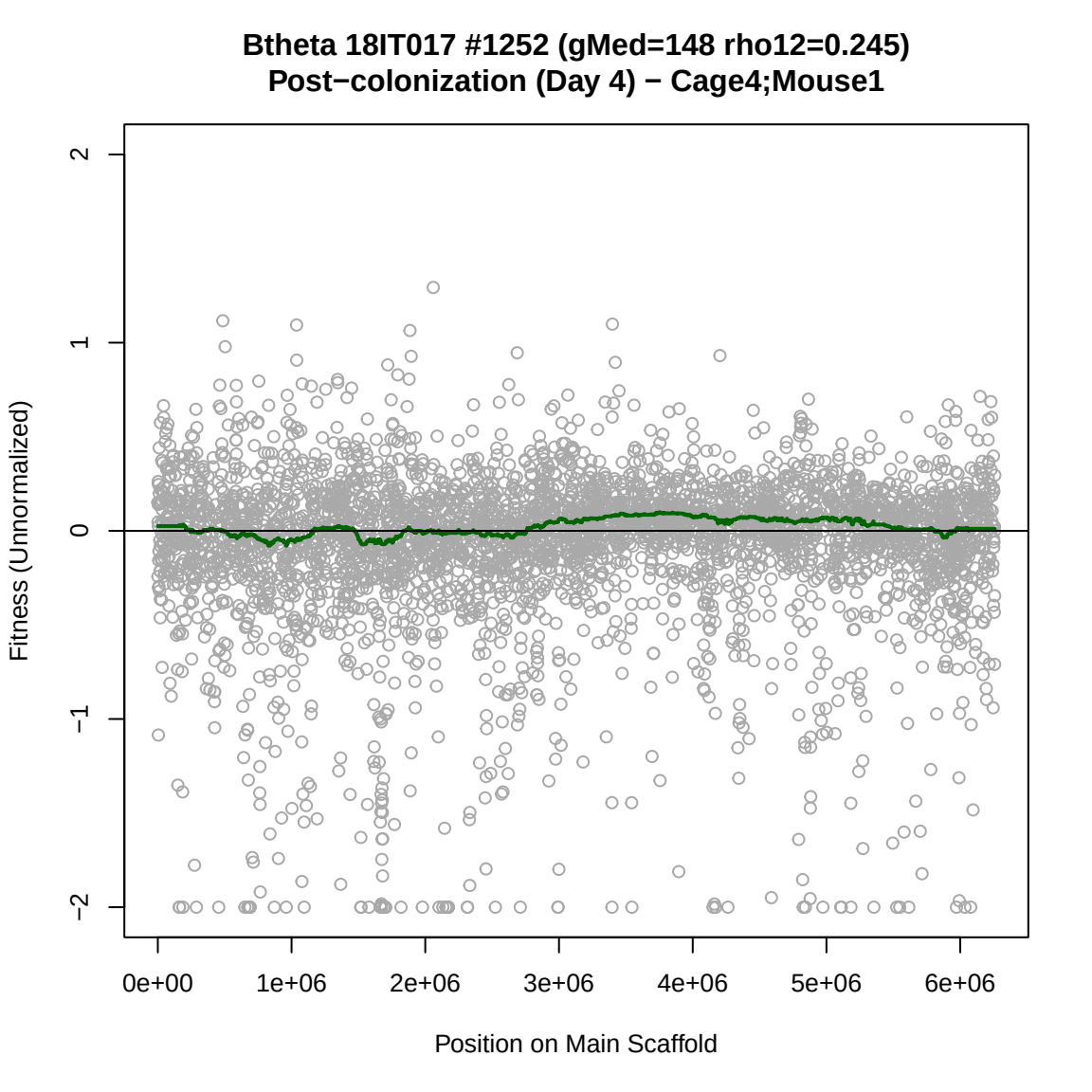

Btheta 18IT012 #1247 (gMed=87 rho12=0.183)
Post−colonization (Day 3) − Cage4;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

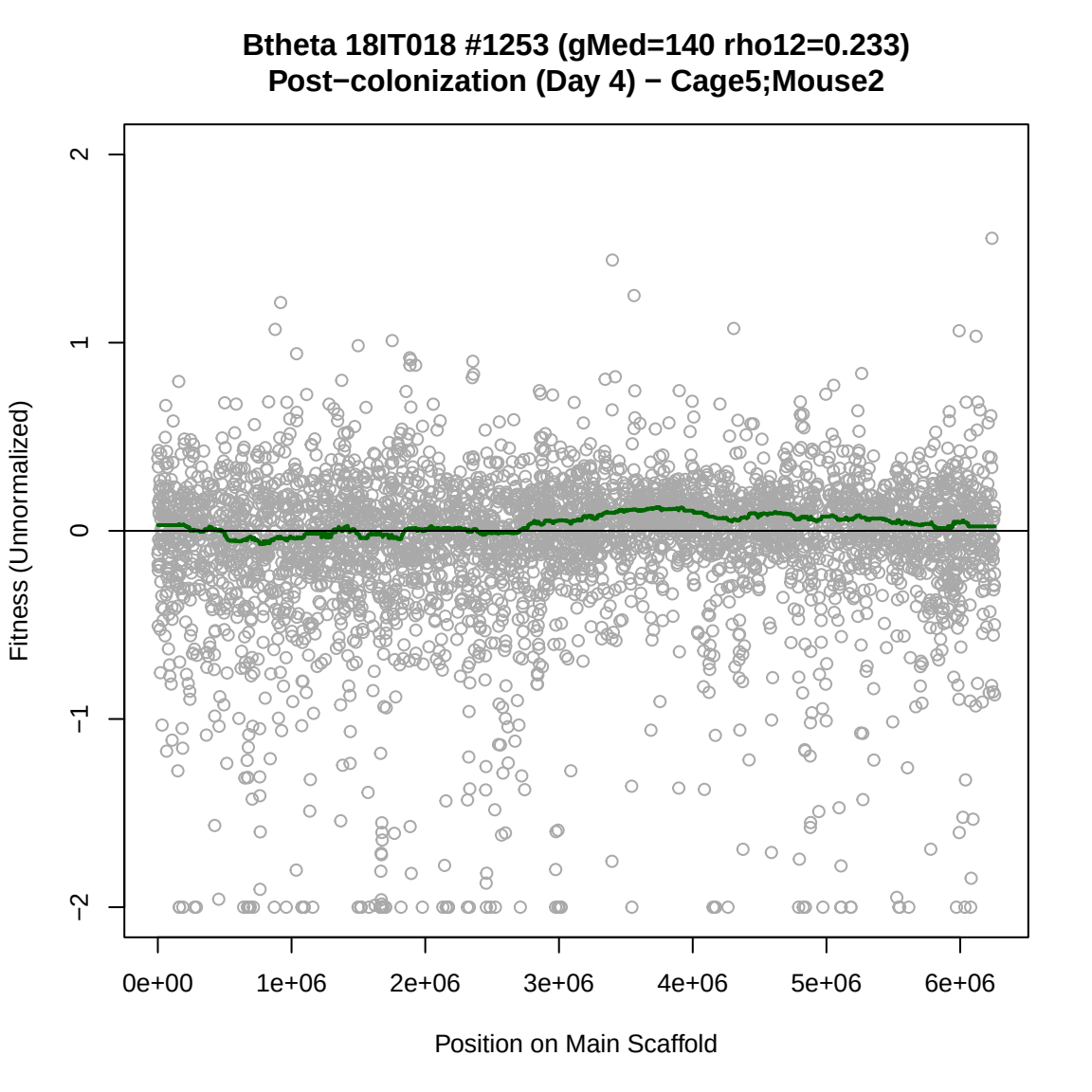

Btheta 18IT013 #1248 (gMed=123 rho12=0.216)
Post−colonization (Day 3) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

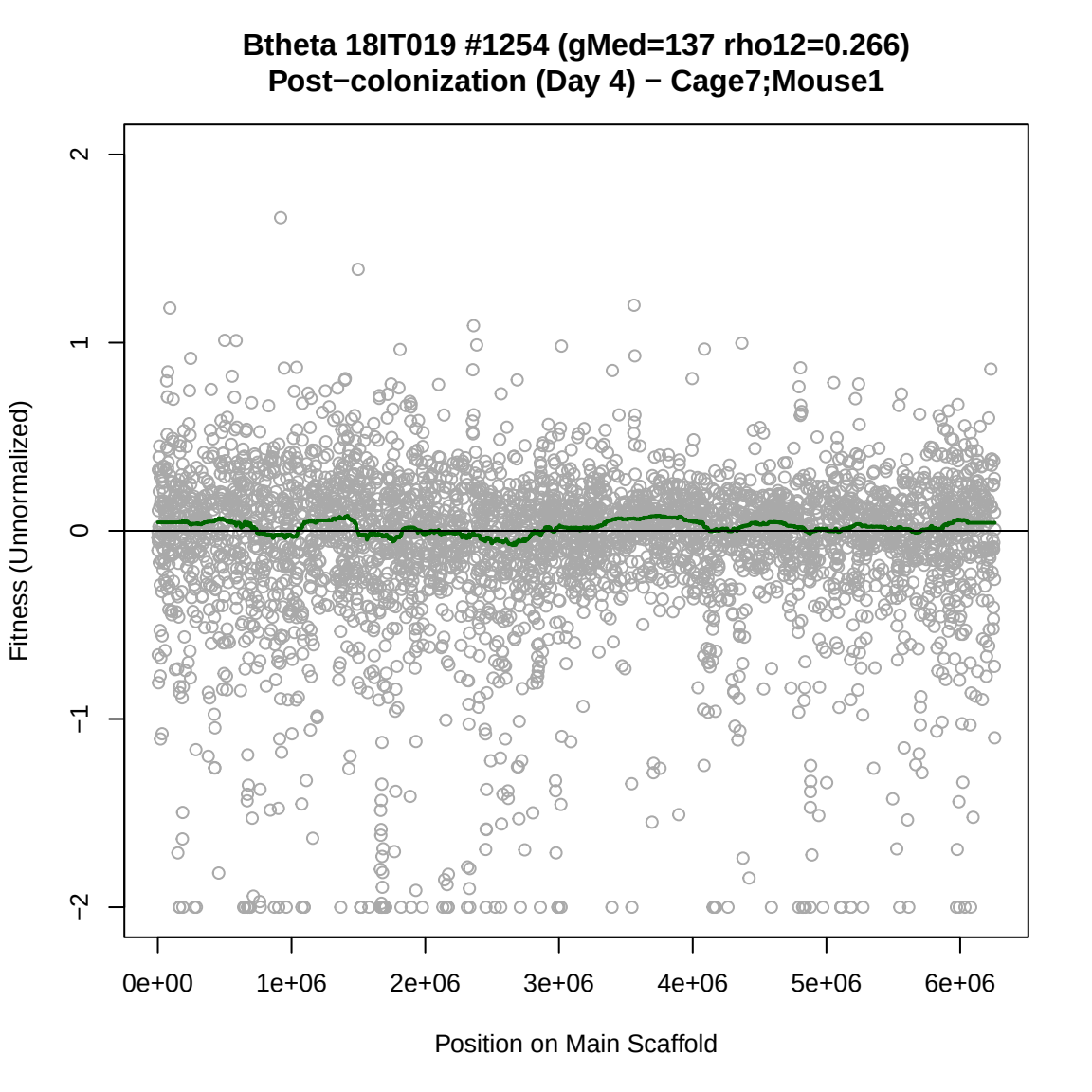

Btheta 18IT014 #1249 (gMed=161 rho12=0.276)
Post−colonization (Day 4) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

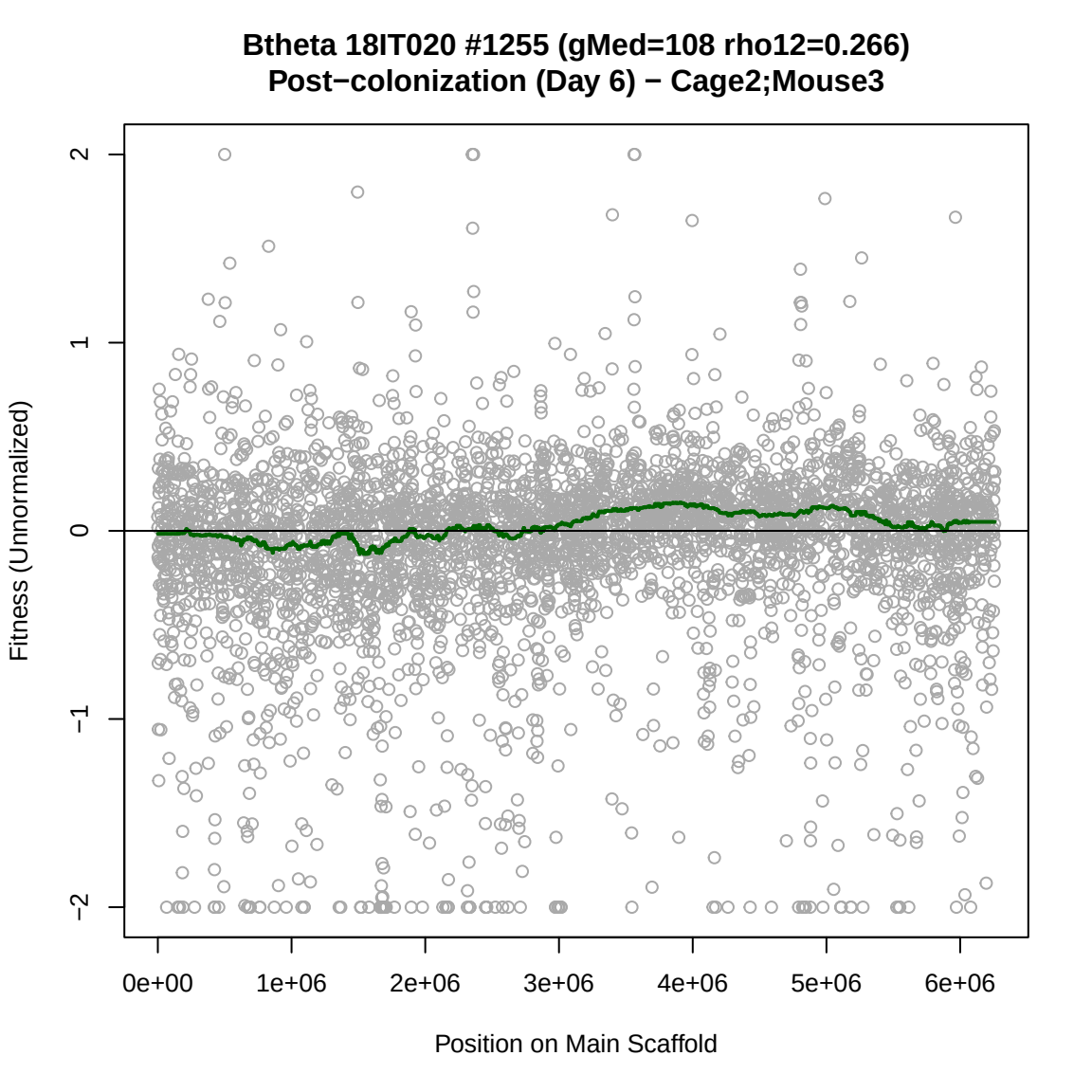

Btheta 18IT015 #1250 (gMed=129 rho12=0.292)
Post−colonization (Day 4) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

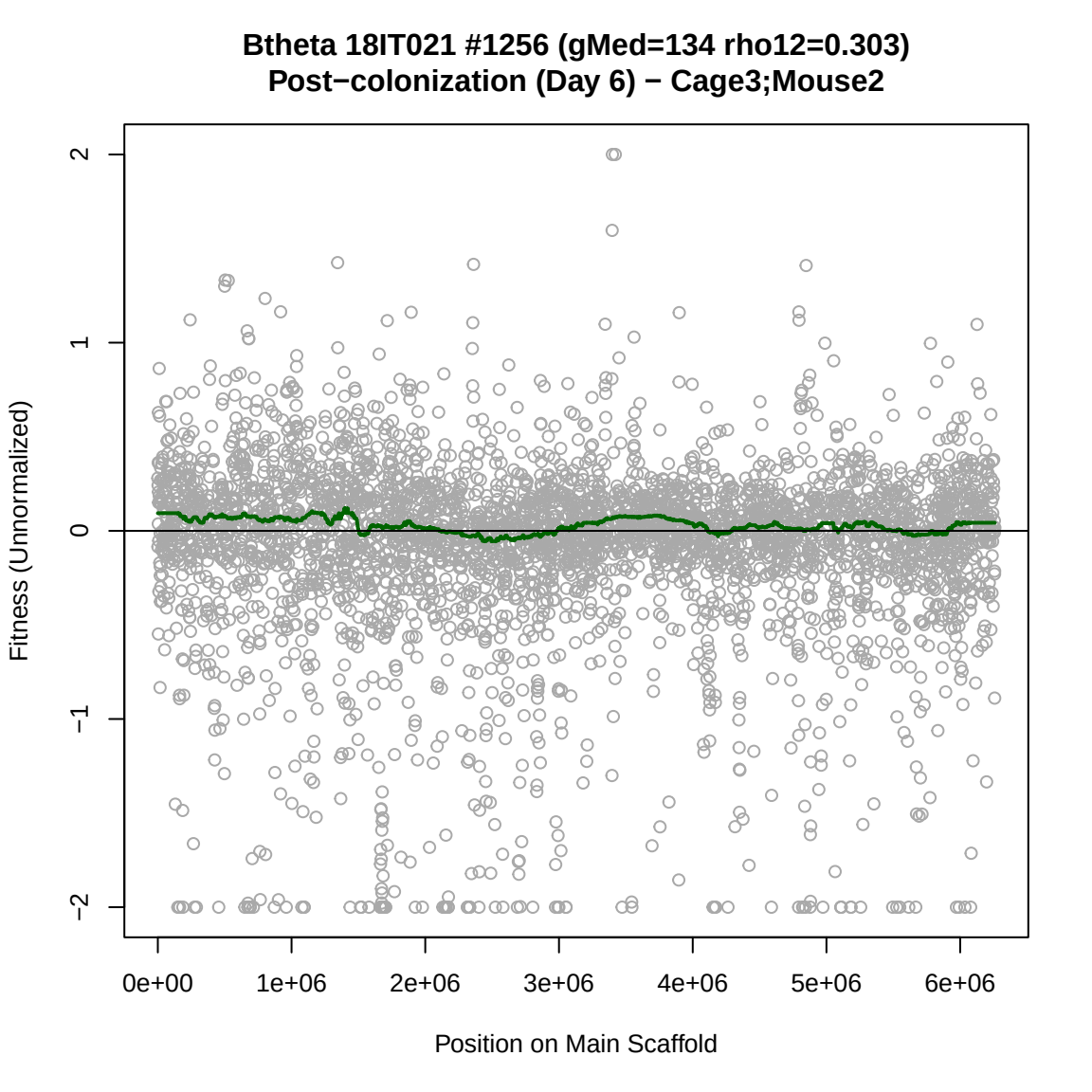

Btheta 18IT016 #1251 (gMed=147 rho12=0.240)
Post−colonization (Day 4) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

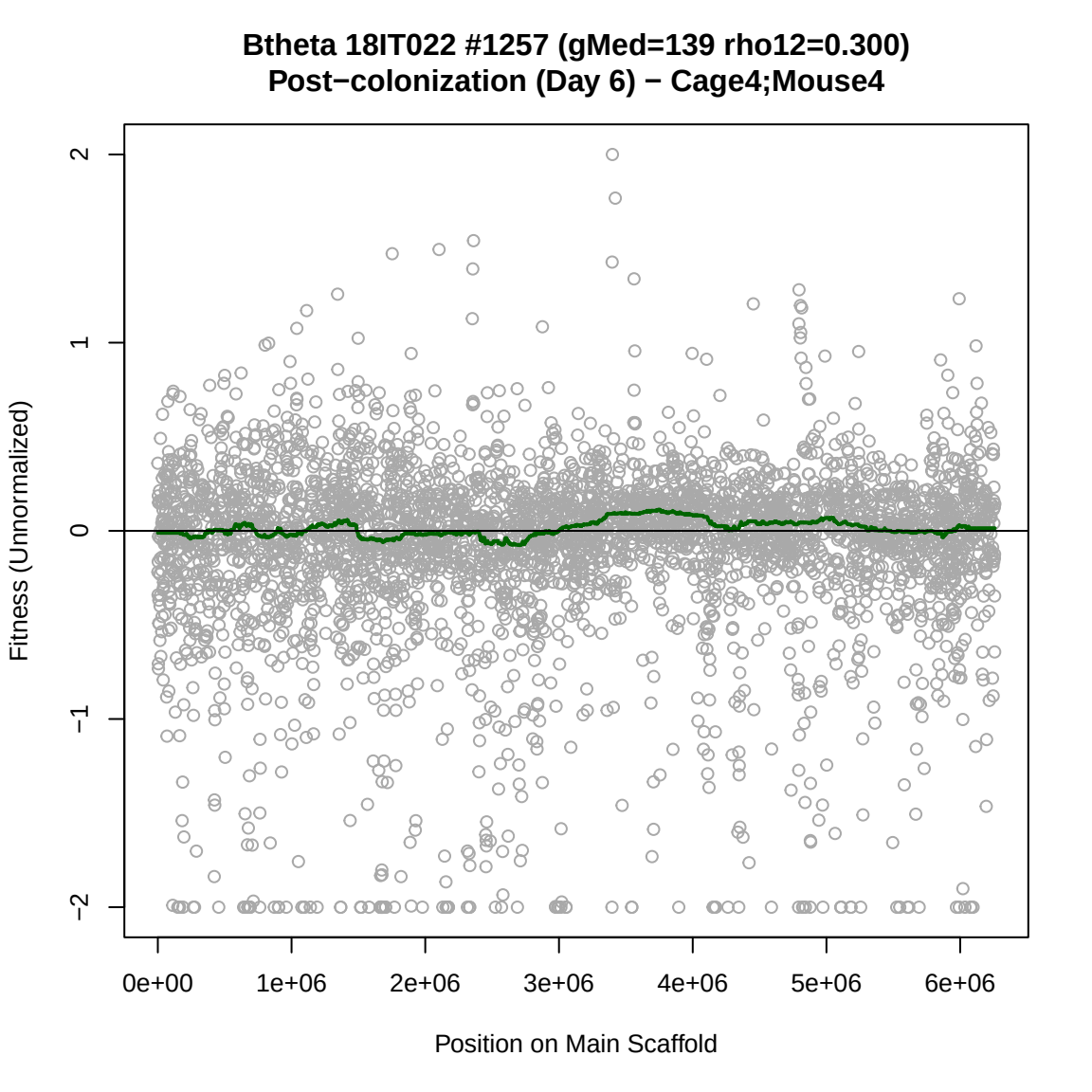

Btheta 18IT017 #1252 (gMed=148 rho12=0.245)
Post−colonization (Day 4) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

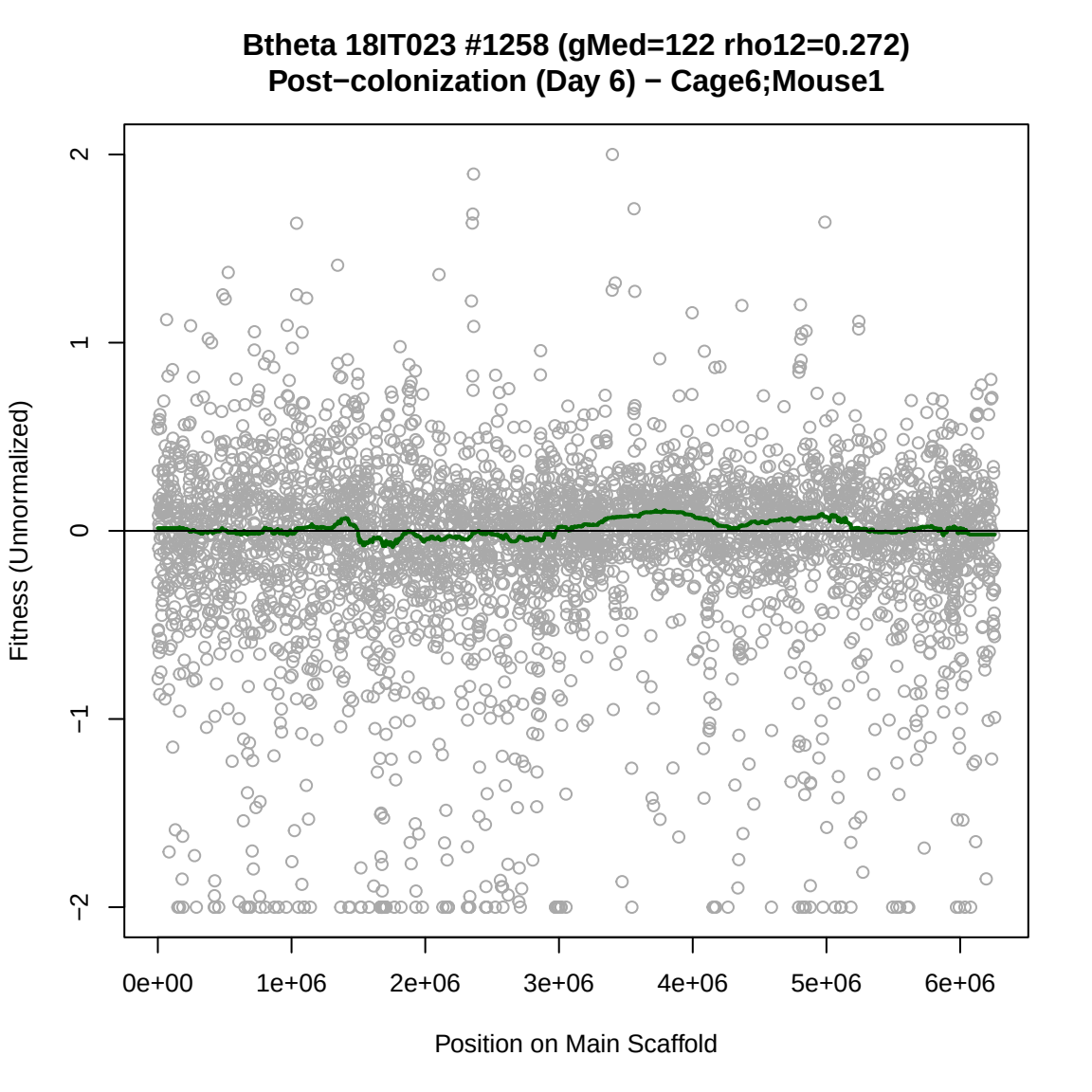

Btheta 18IT018 #1253 (gMed=140 rho12=0.233)
Post−colonization (Day 4) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

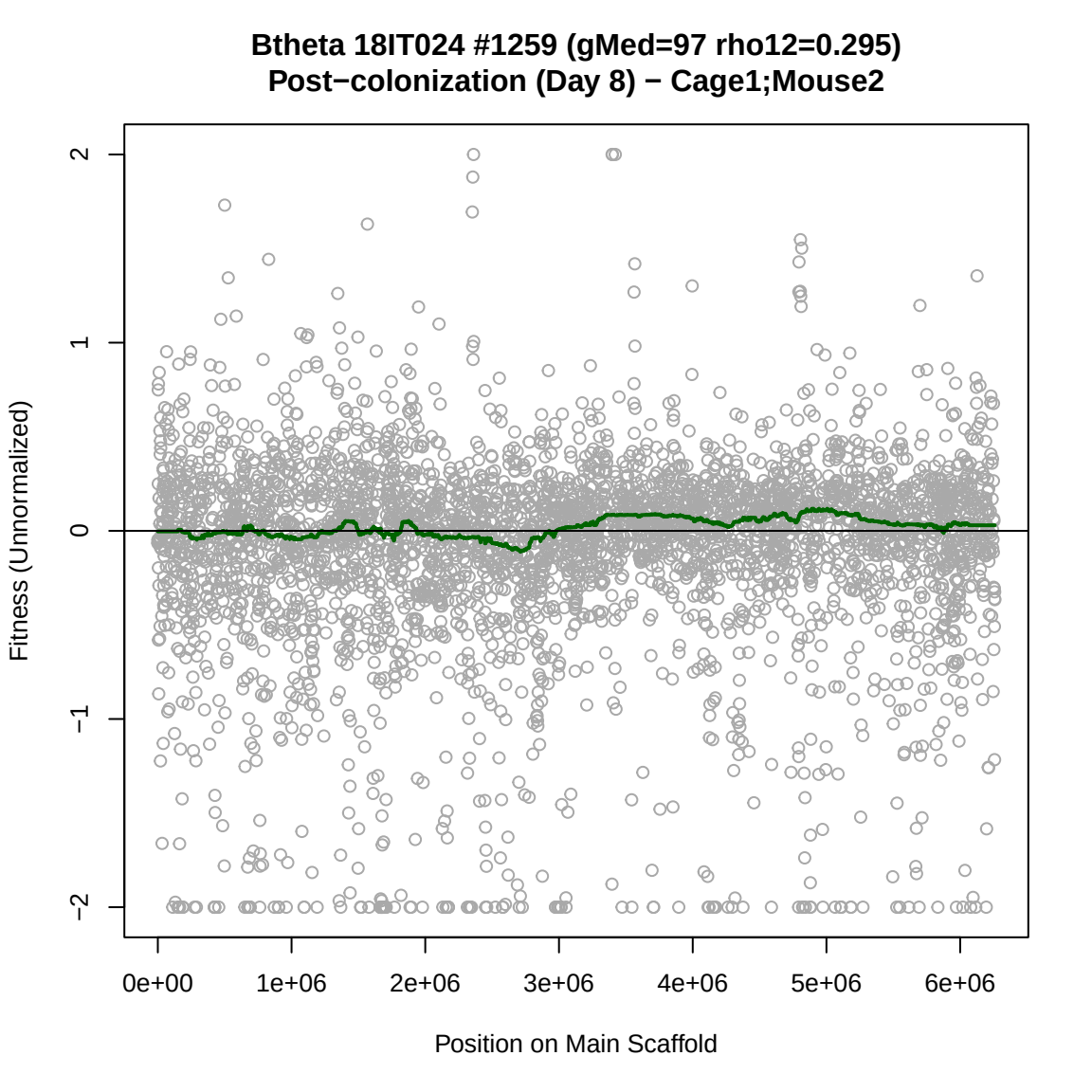

Btheta 18IT019 #1254 (gMed=137 rho12=0.266)
Post−colonization (Day 4) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

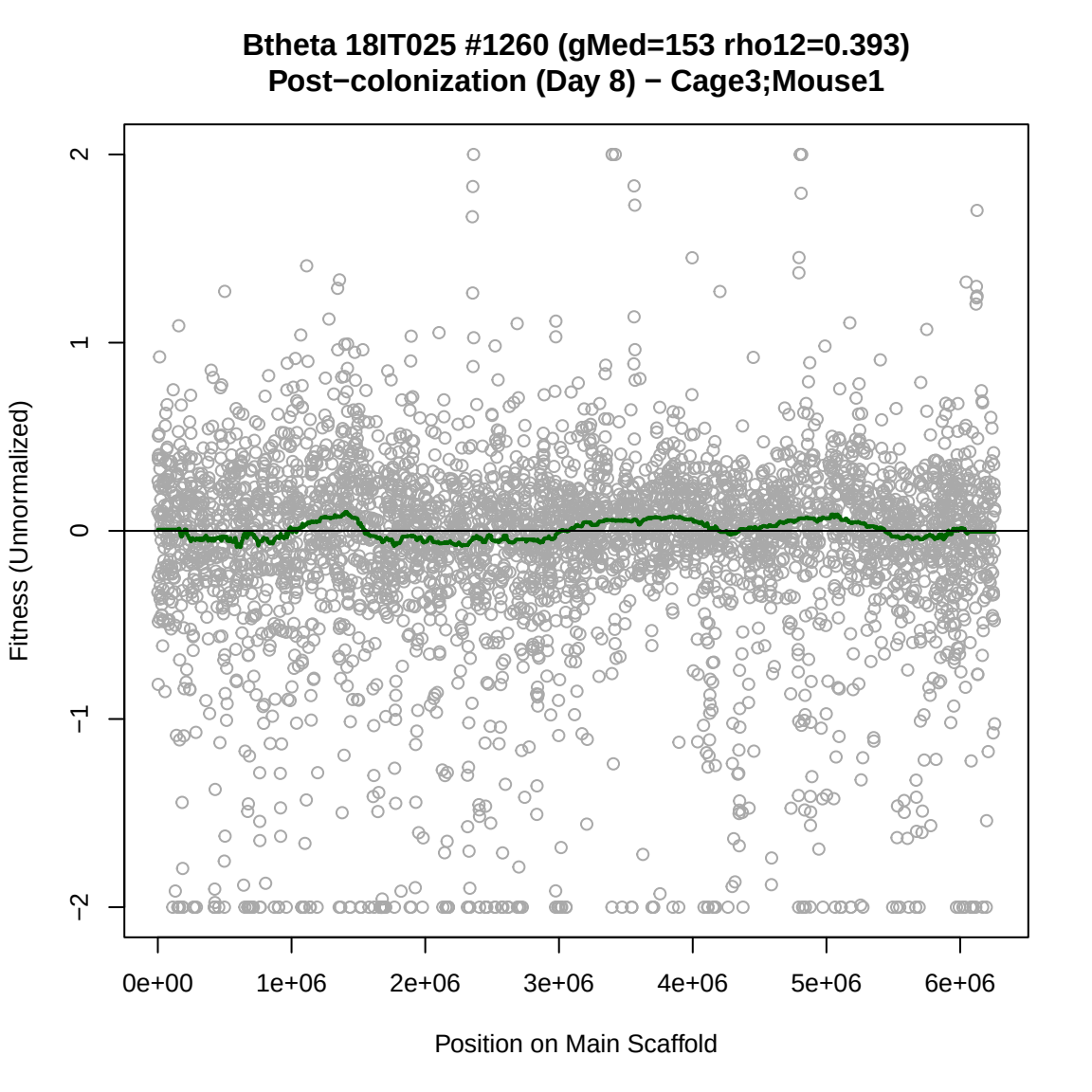

Btheta 18IT020 #1255 (gMed=108 rho12=0.266)
Post−colonization (Day 6) − Cage2;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

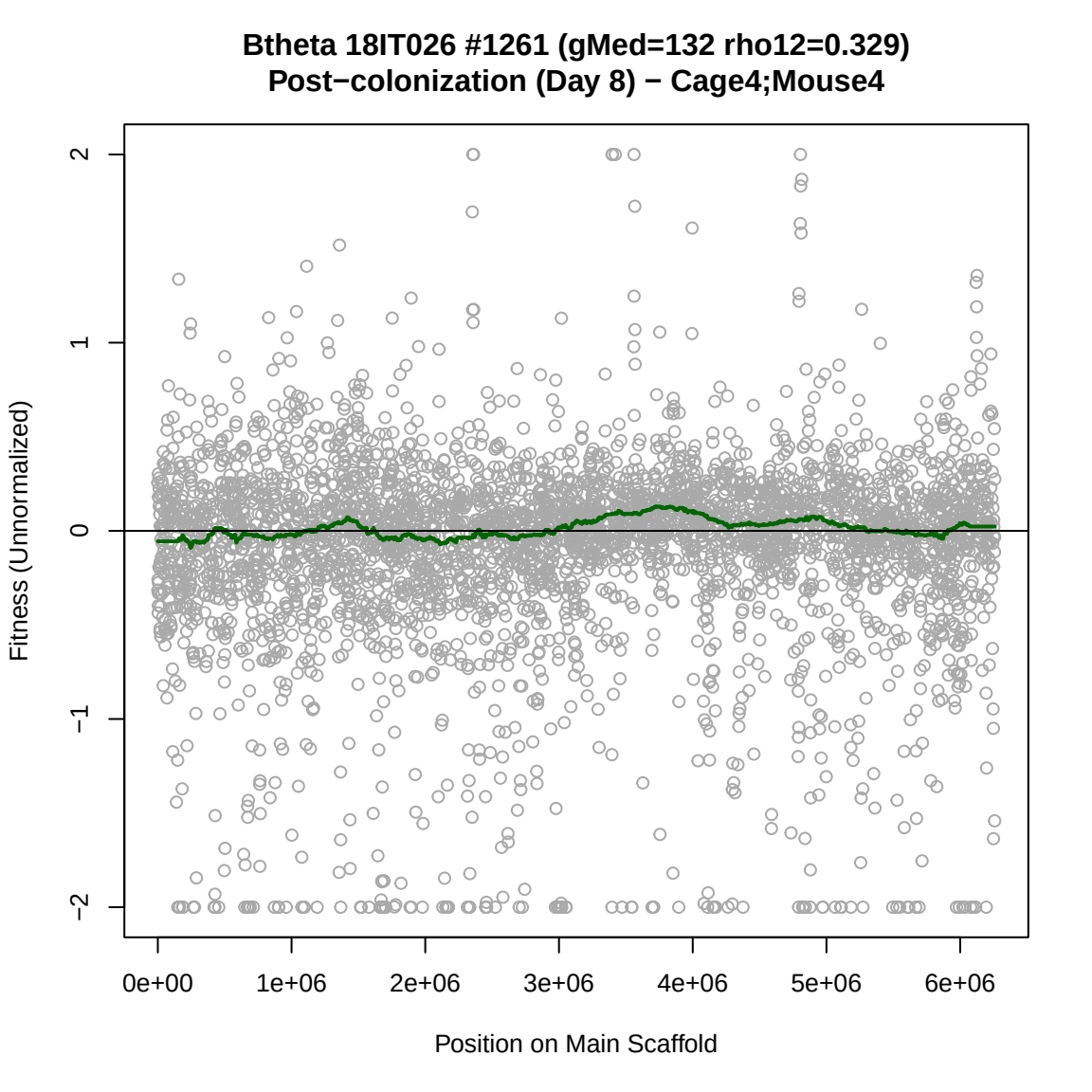

Btheta 18IT021 #1256 (gMed=134 rho12=0.303)
Post−colonization (Day 6) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

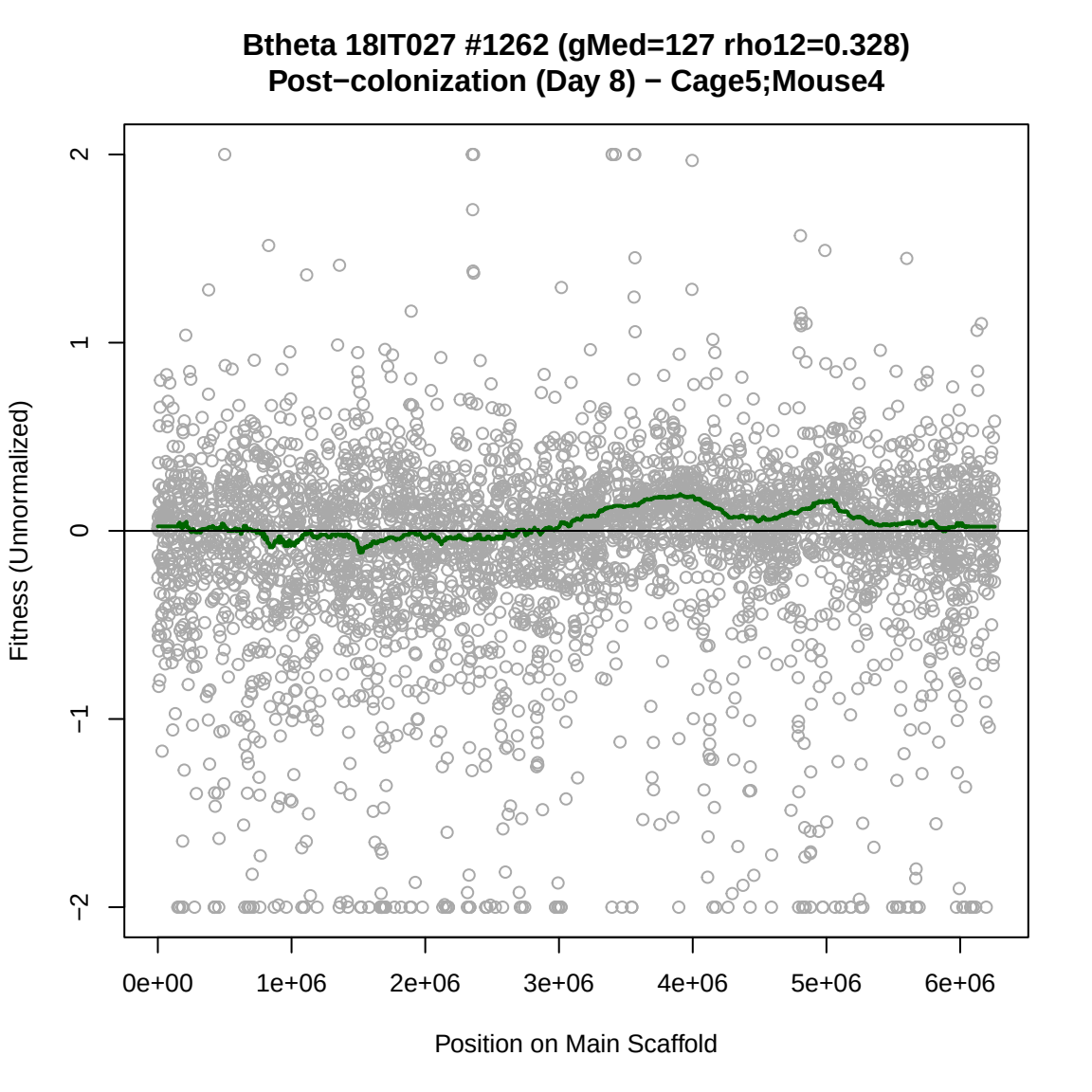

Btheta 18IT022 #1257 (gMed=139 rho12=0.300)
Post−colonization (Day 6) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

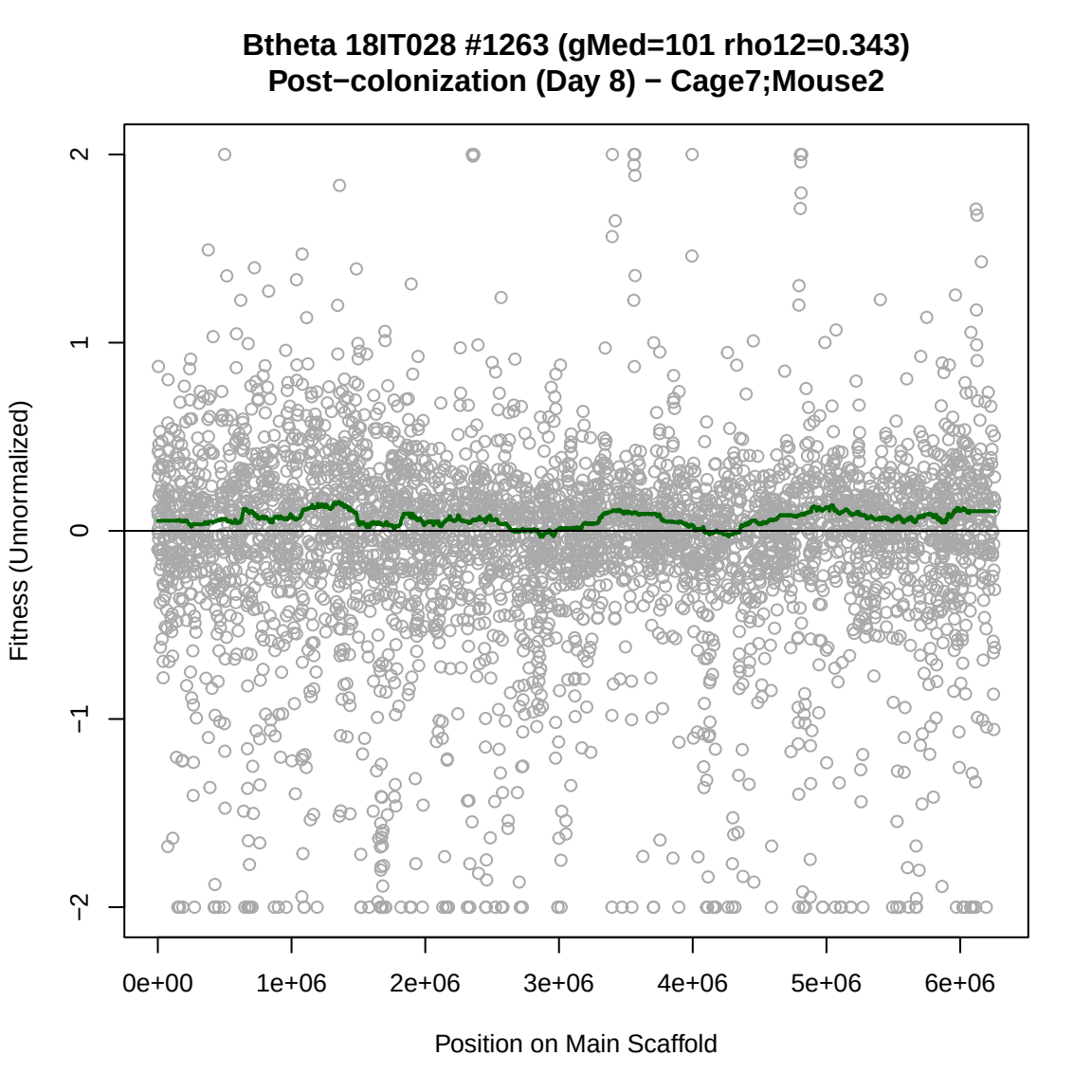

Btheta 18IT023 #1258 (gMed=122 rho12=0.272)
Post−colonization (Day 6) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

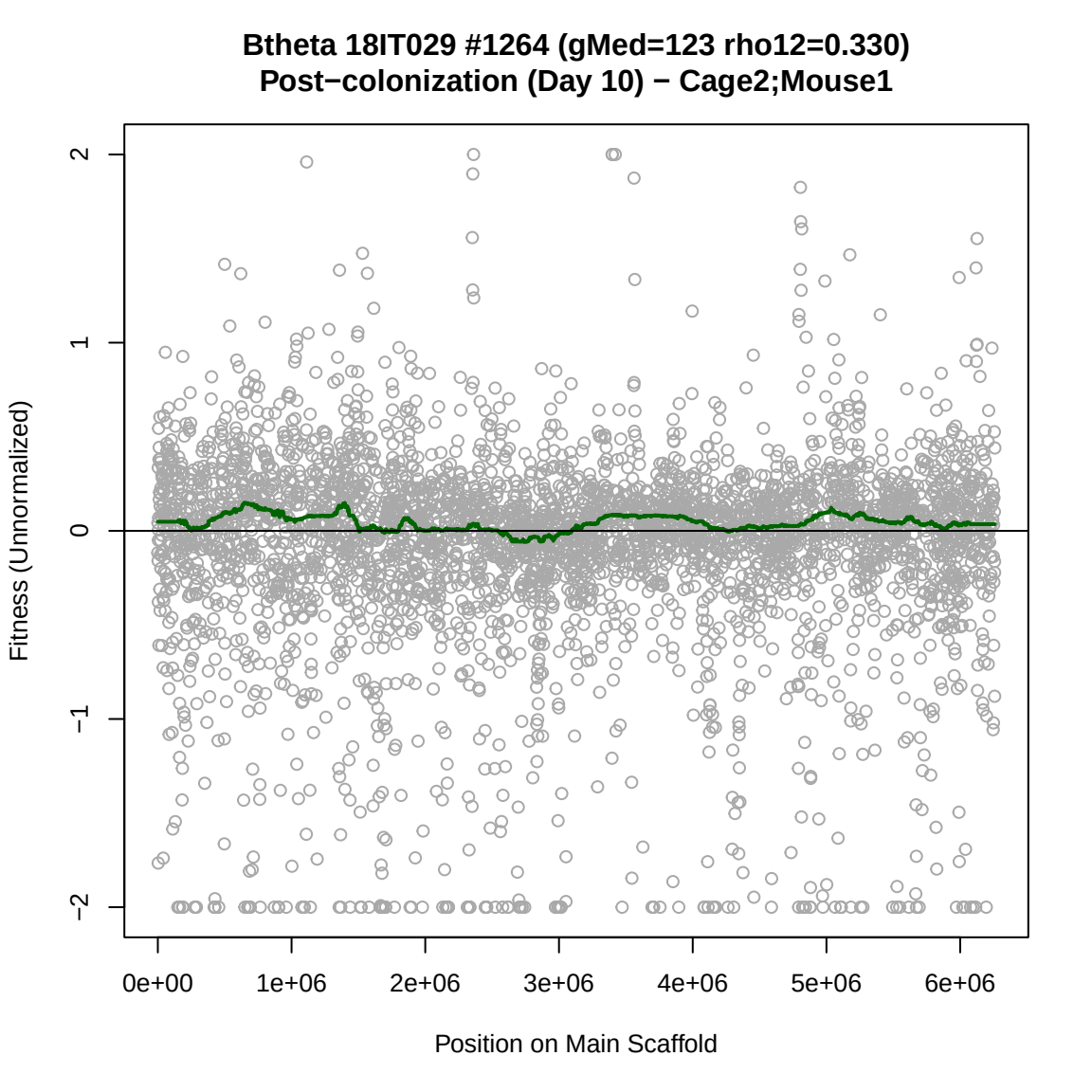

Btheta 18IT024 #1259 (gMed=97 rho12=0.295)
Post−colonization (Day 8) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

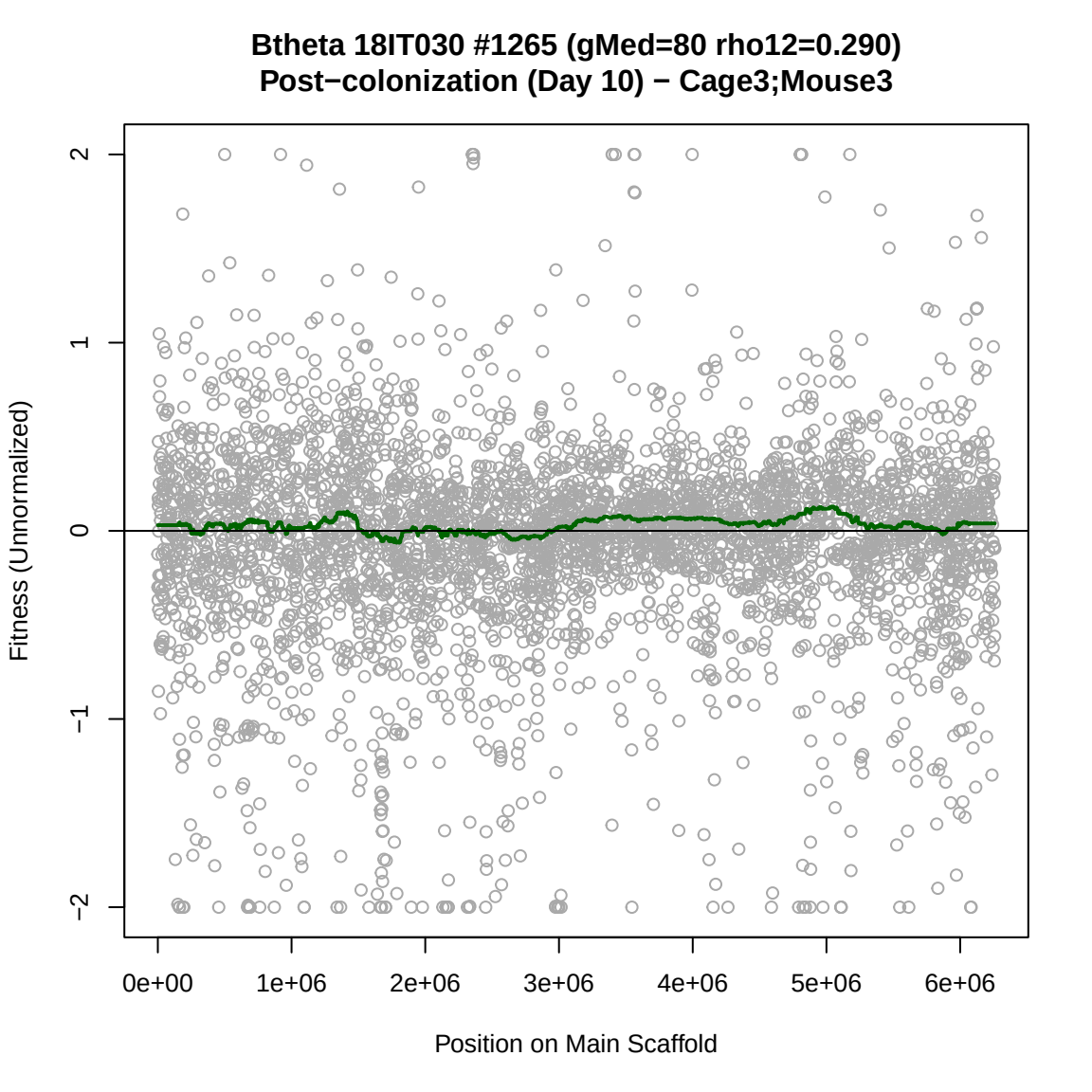

Btheta 18IT025 #1260 (gMed=153 rho12=0.393)
Post−colonization (Day 8) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

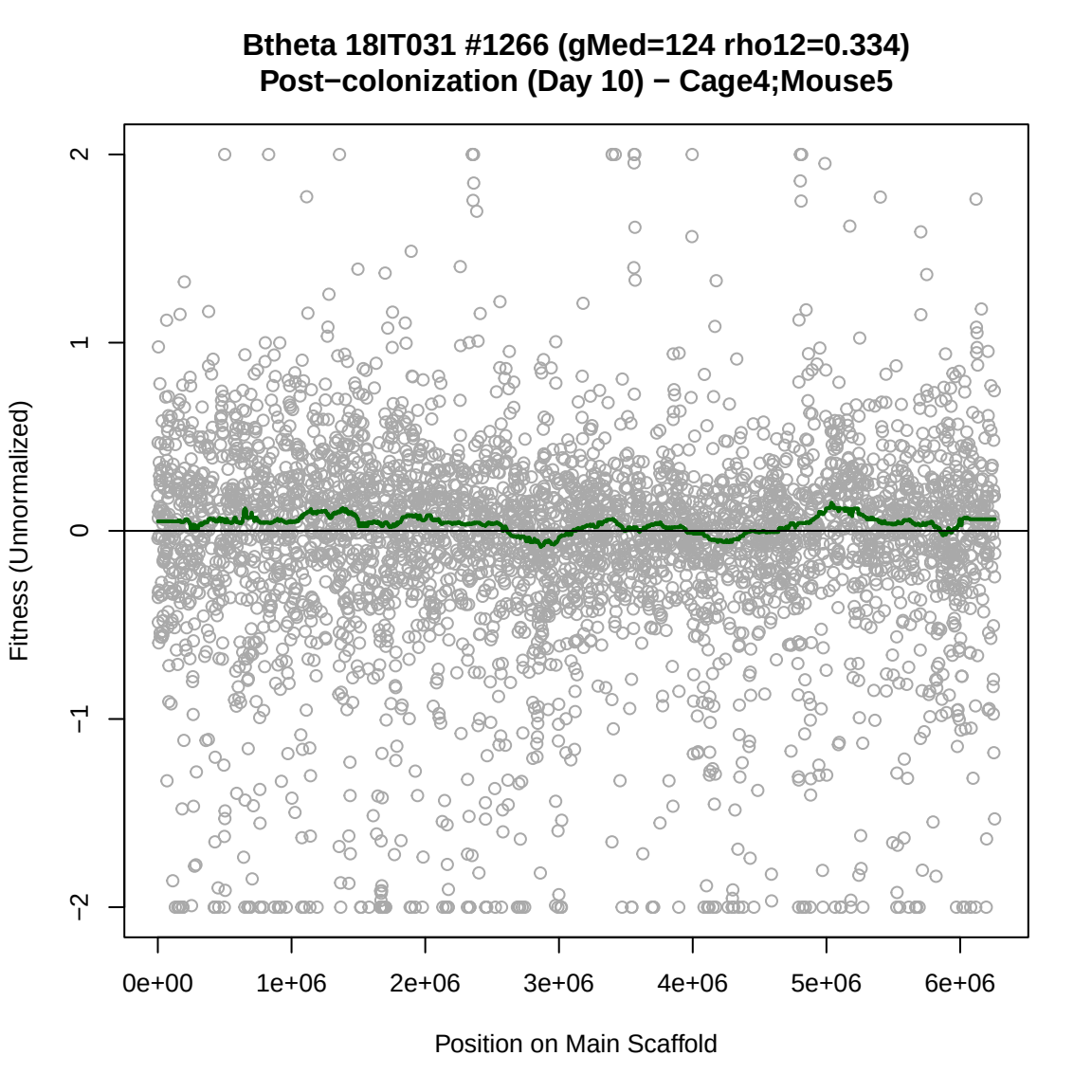

Btheta 18IT026 #1261 (gMed=132 rho12=0.329)
Post−colonization (Day 8) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

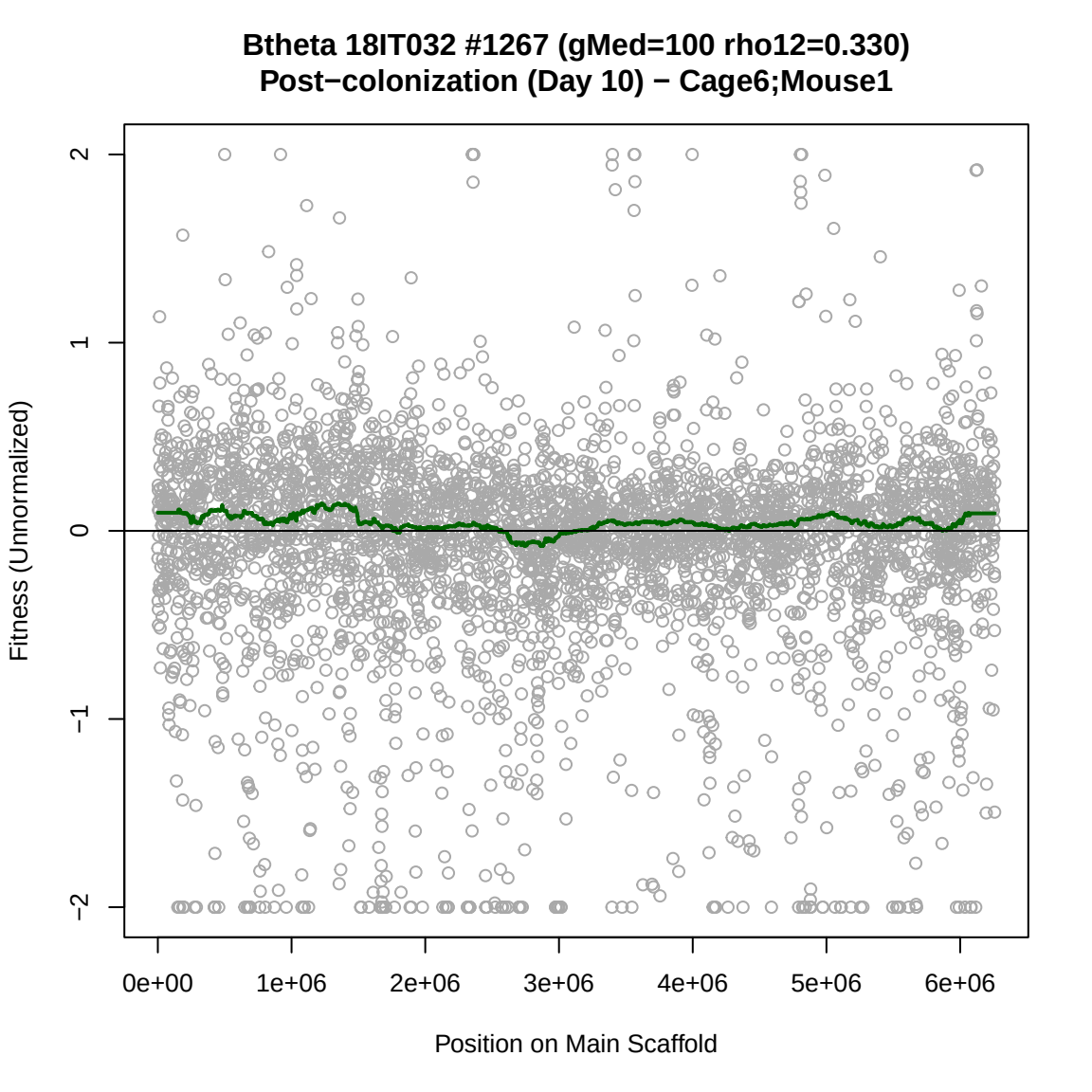

Btheta 18IT027 #1262 (gMed=127 rho12=0.328)
Post−colonization (Day 8) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

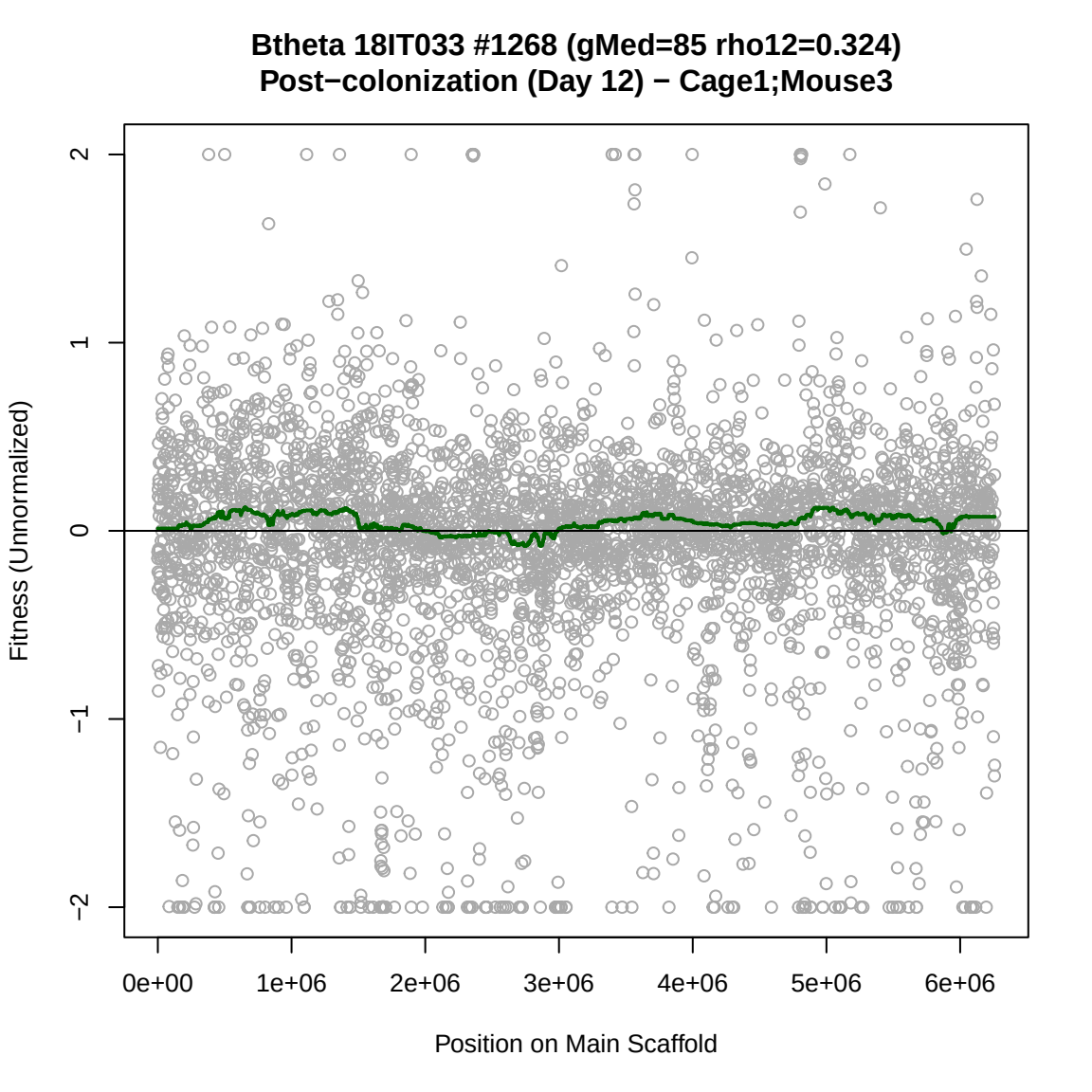

Btheta 18IT028 #1263 (gMed=101 rho12=0.343)
Post−colonization (Day 8) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

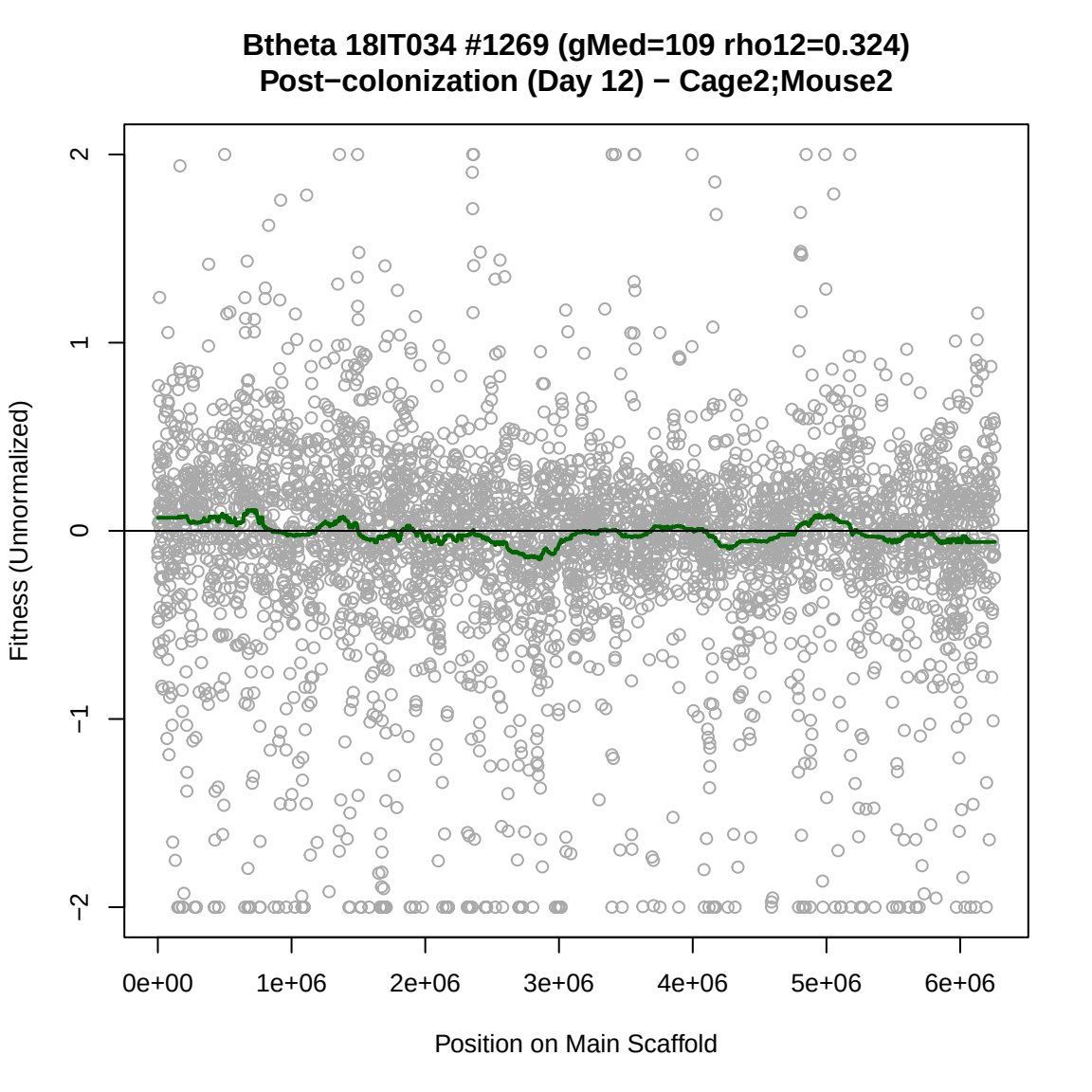

Btheta 18IT029 #1264 (gMed=123 rho12=0.330)
Post−colonization (Day 10) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

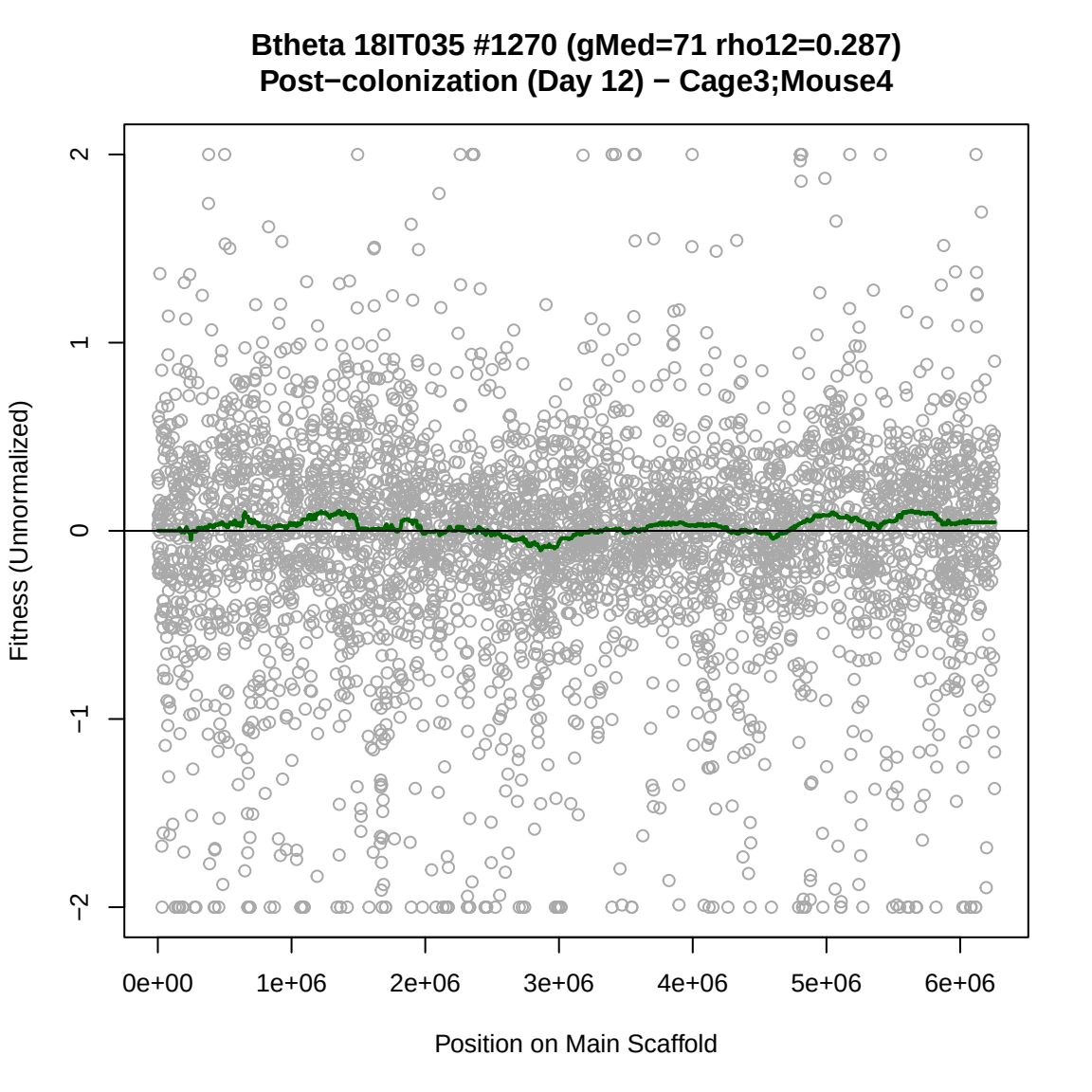

Btheta 18IT030 #1265 (gMed=80 rho12=0.290)
Post−colonization (Day 10) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

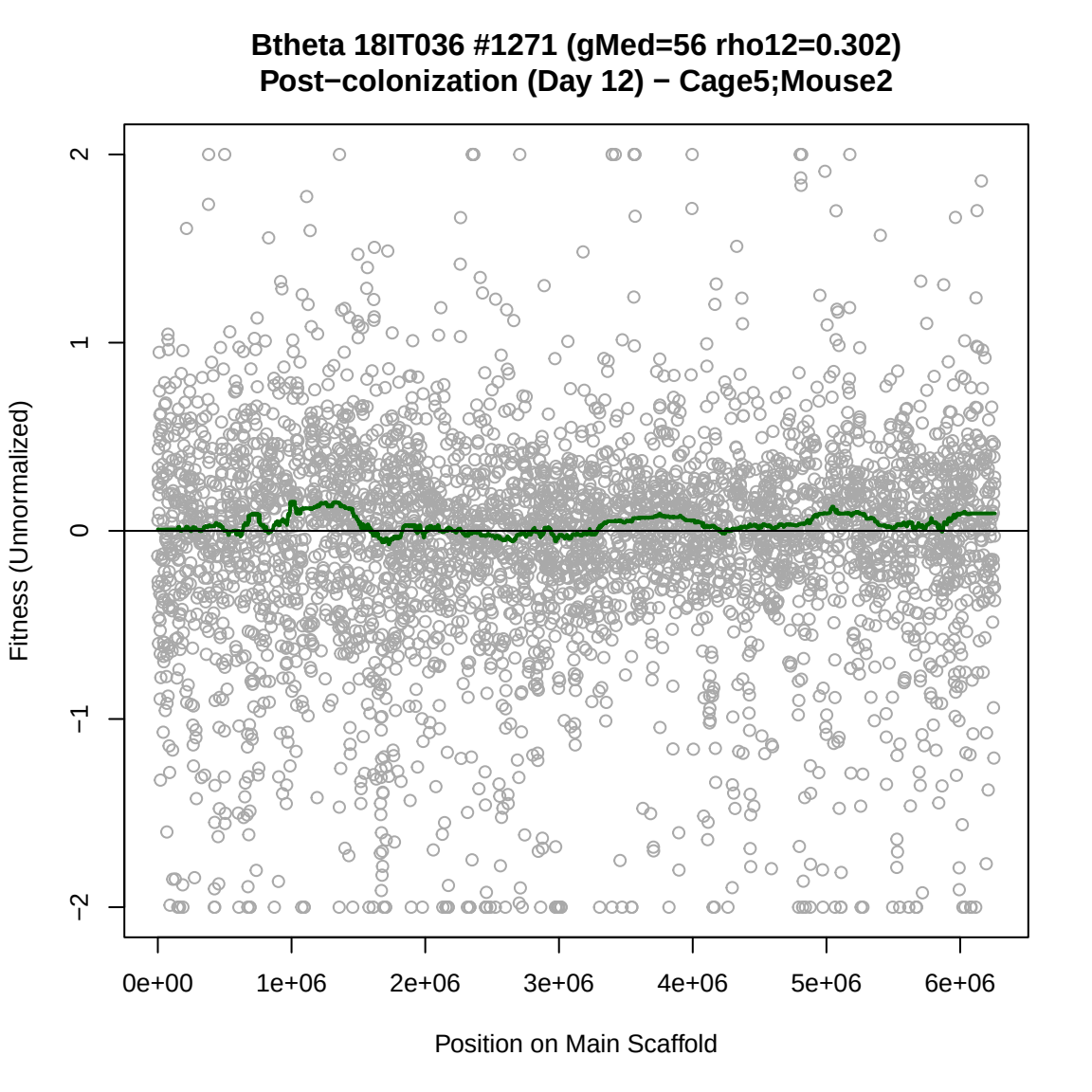

Btheta 18IT031 #1266 (gMed=124 rho12=0.334)
Post−colonization (Day 10) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

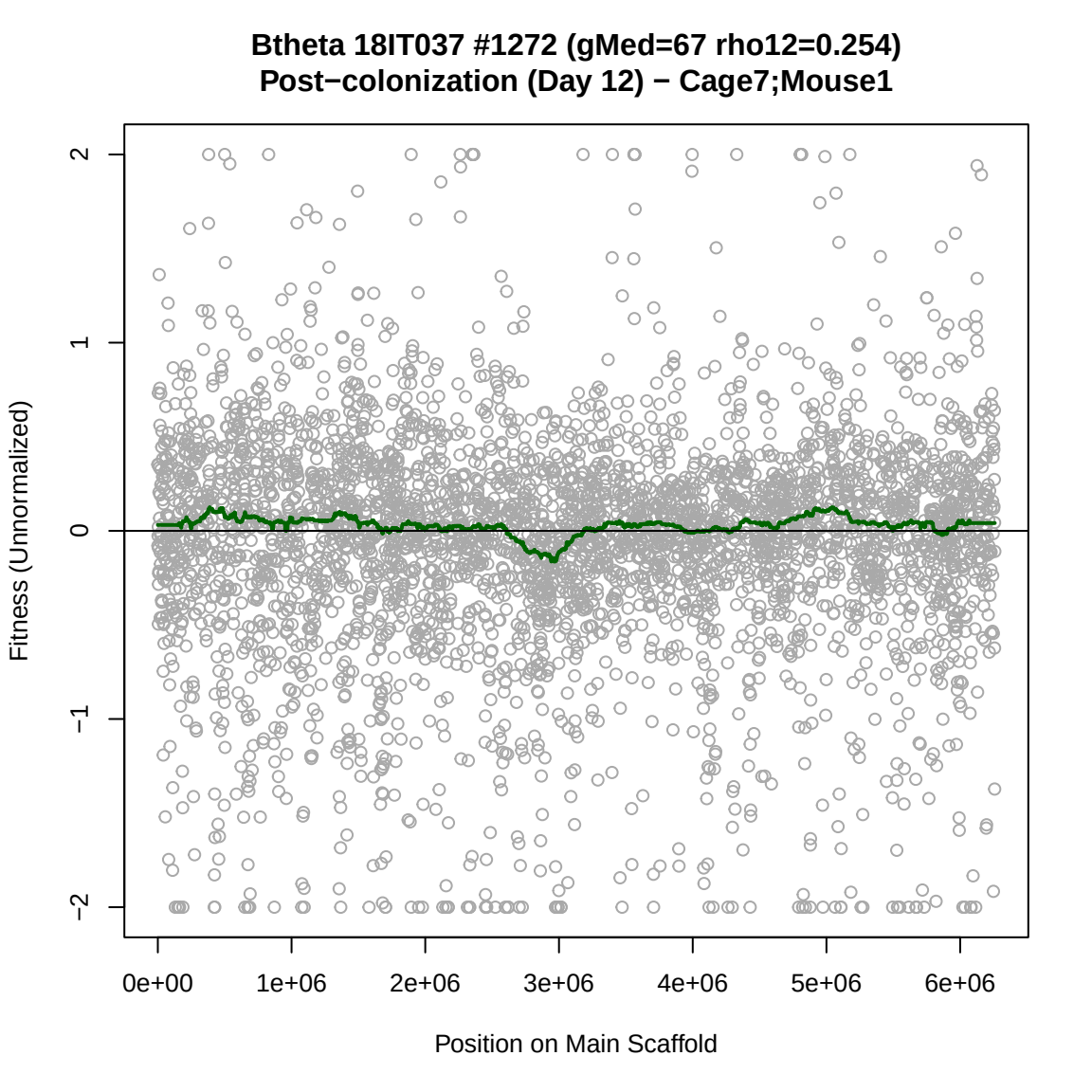

Btheta 18IT032 #1267 (gMed=100 rho12=0.330)
Post−colonization (Day 10) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

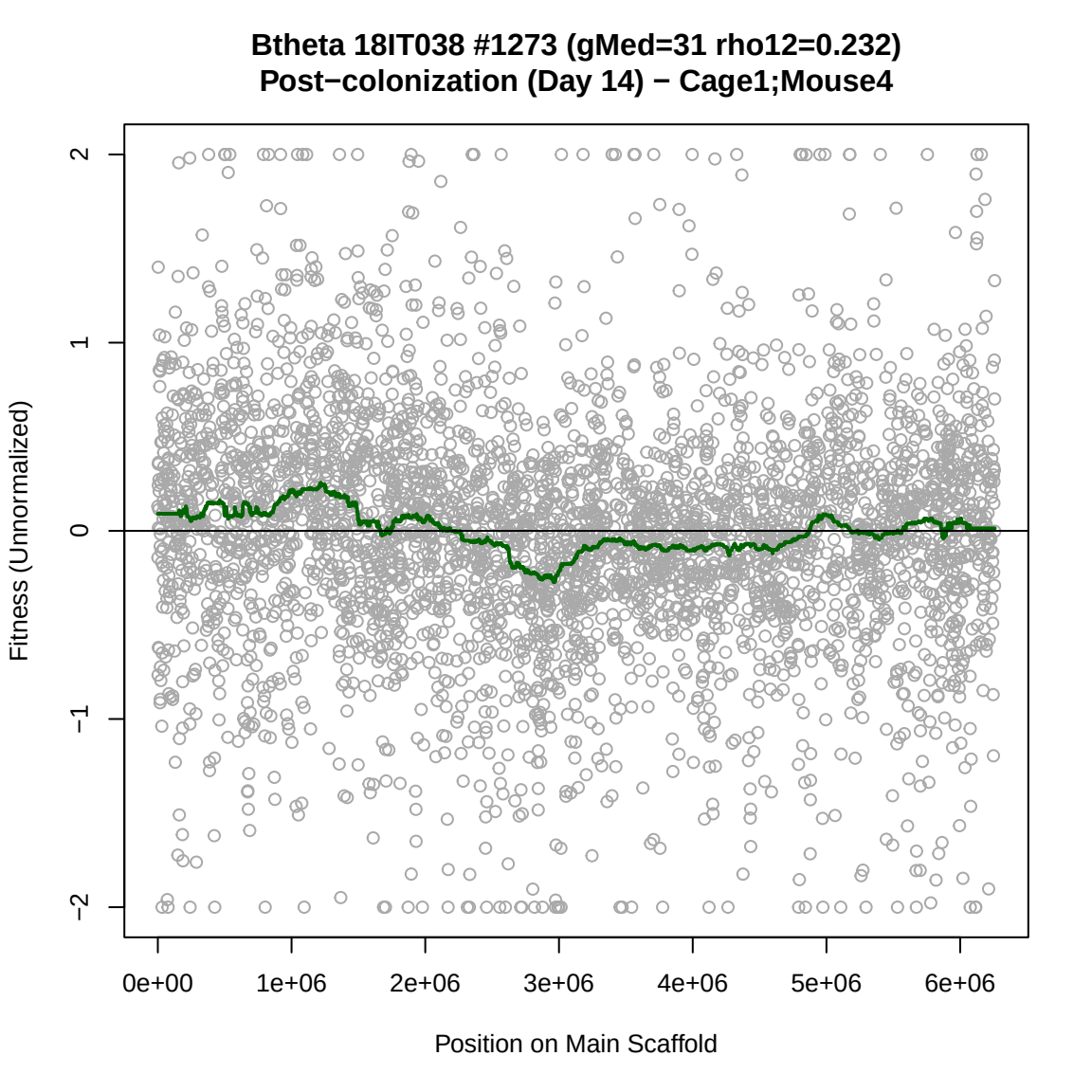

Btheta 18IT033 #1268 (gMed=85 rho12=0.324)
Post−colonization (Day 12) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

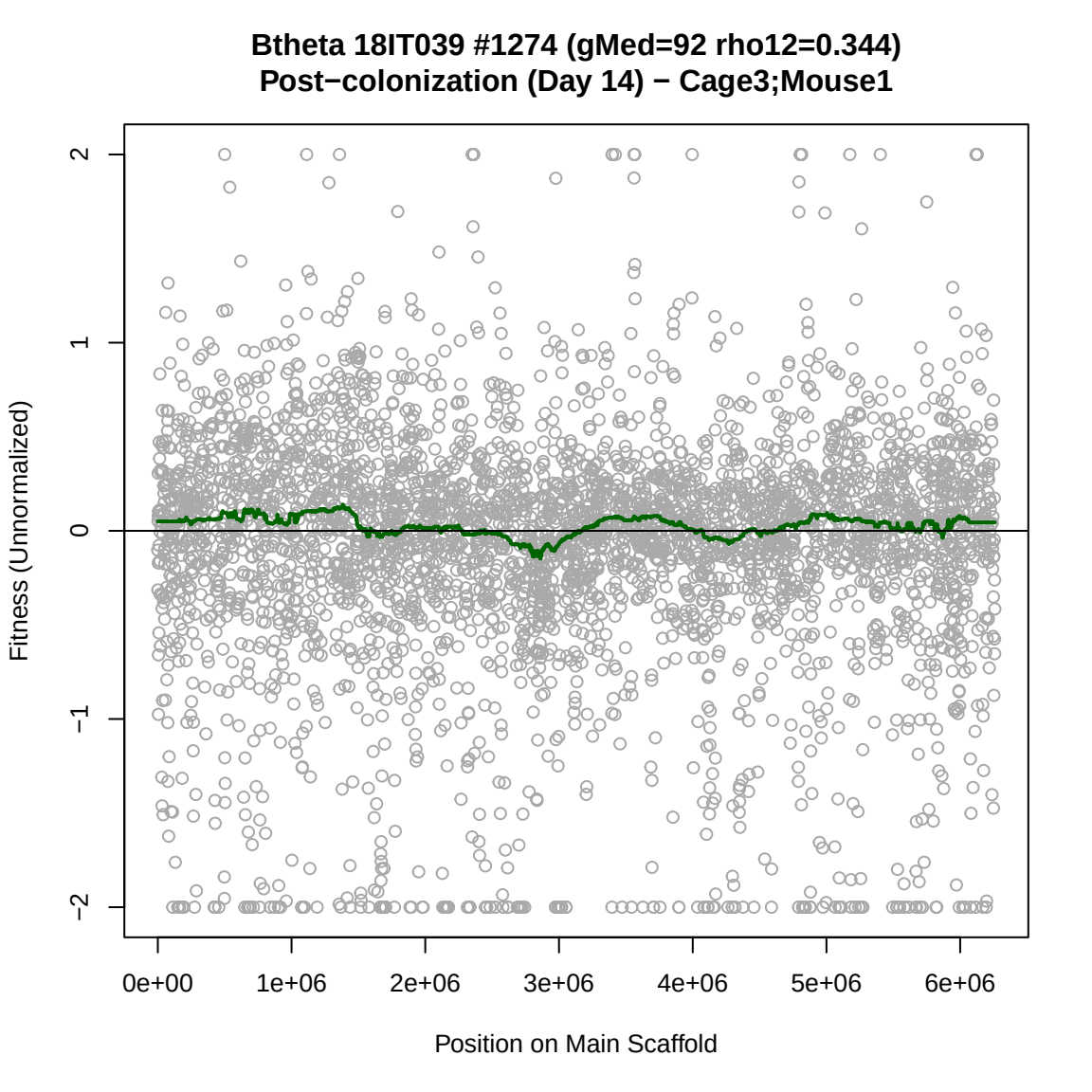

Btheta 18IT034 #1269 (gMed=109 rho12=0.324)
Post−colonization (Day 12) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

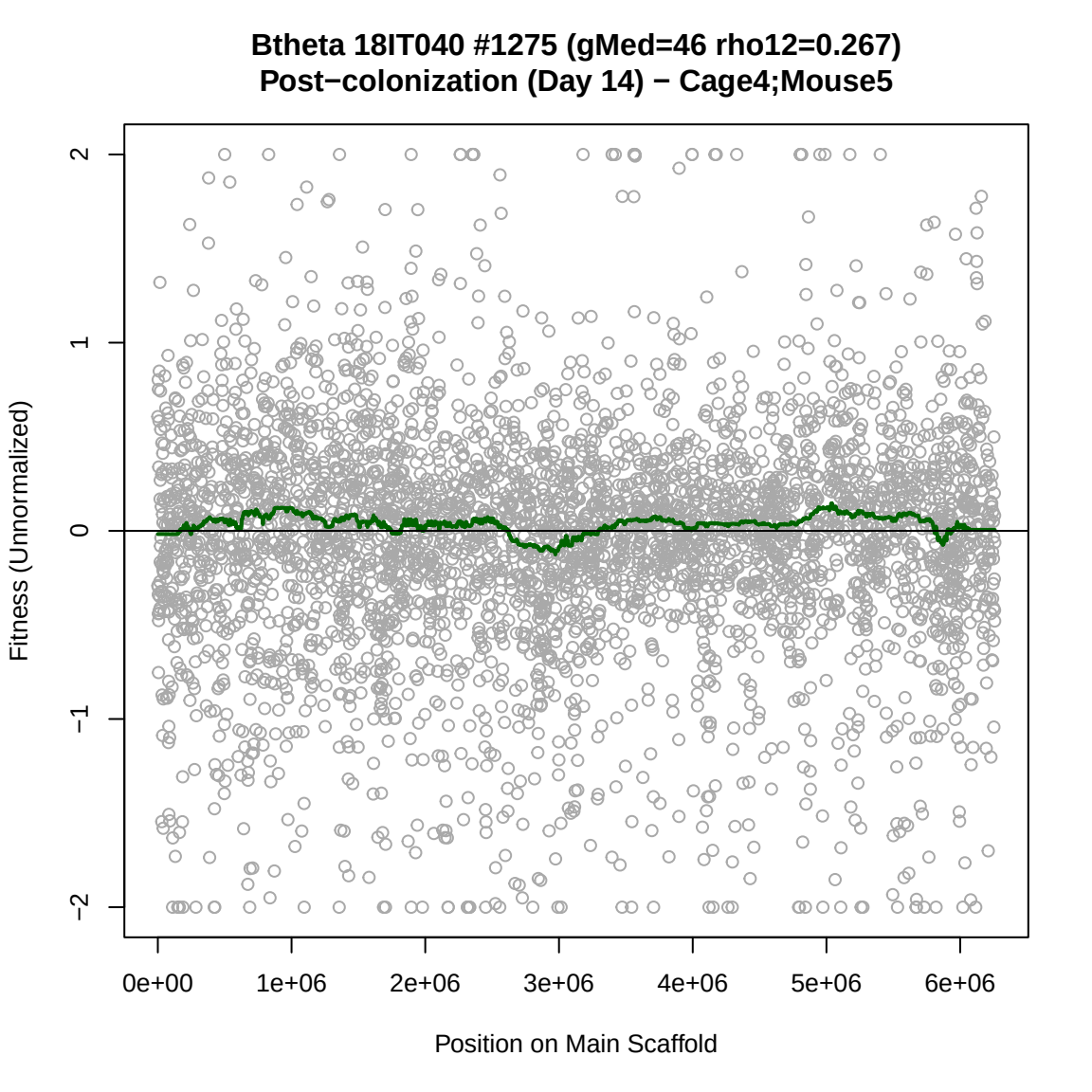

Btheta 18IT035 #1270 (gMed=71 rho12=0.287)
Post−colonization (Day 12) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

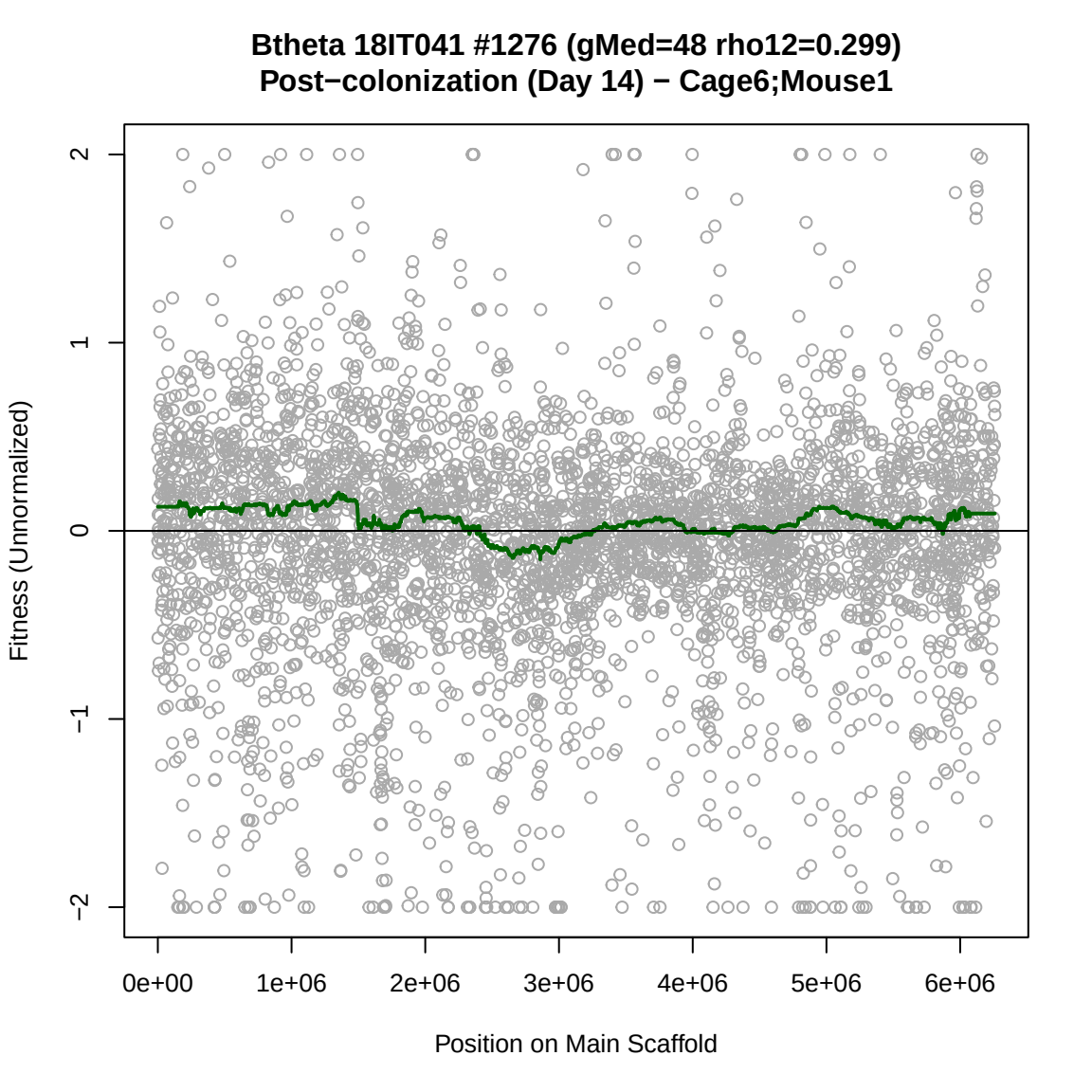

Btheta 18IT036 #1271 (gMed=56 rho12=0.302)
Post−colonization (Day 12) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

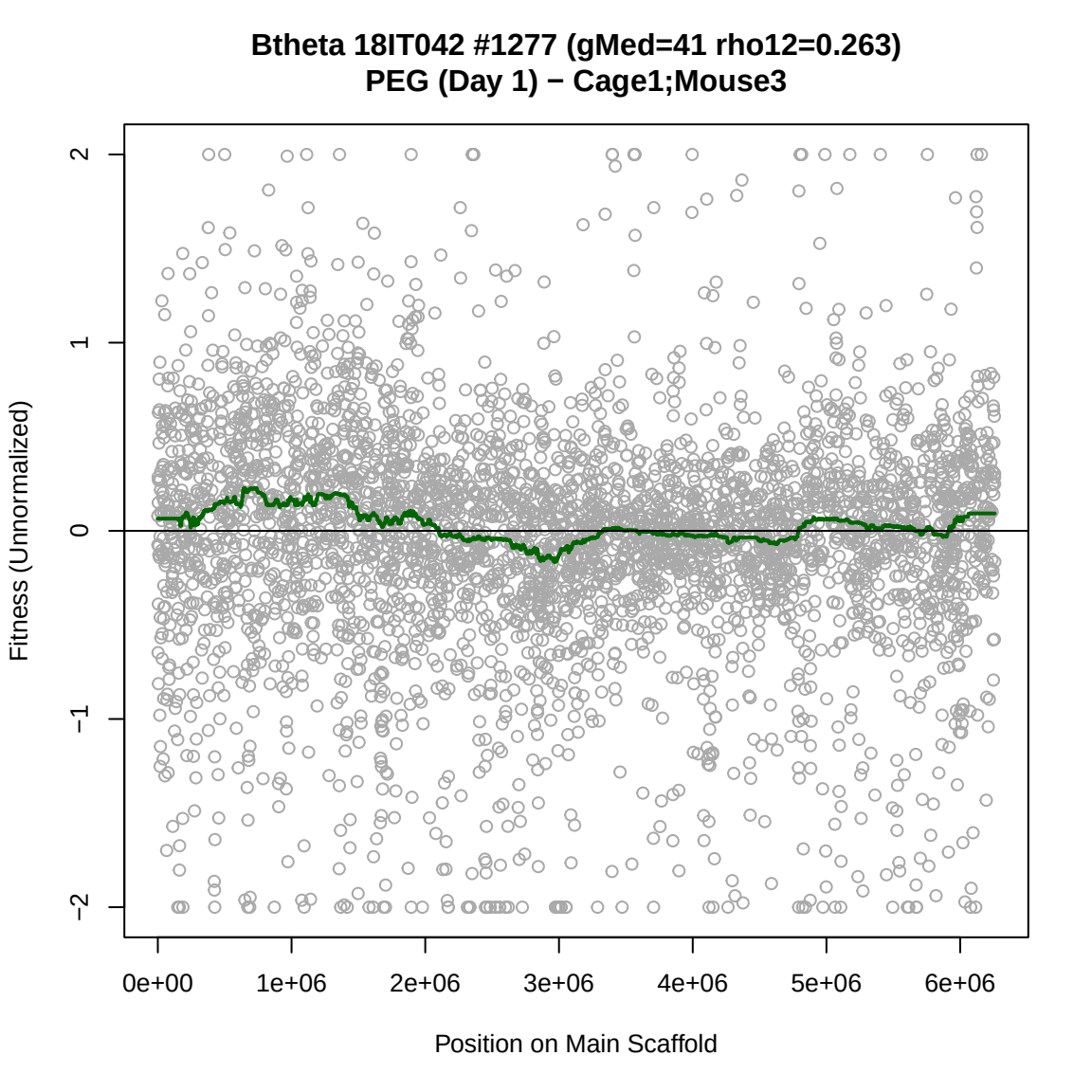

Btheta 18IT037 #1272 (gMed=67 rho12=0.254)
Post−colonization (Day 12) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

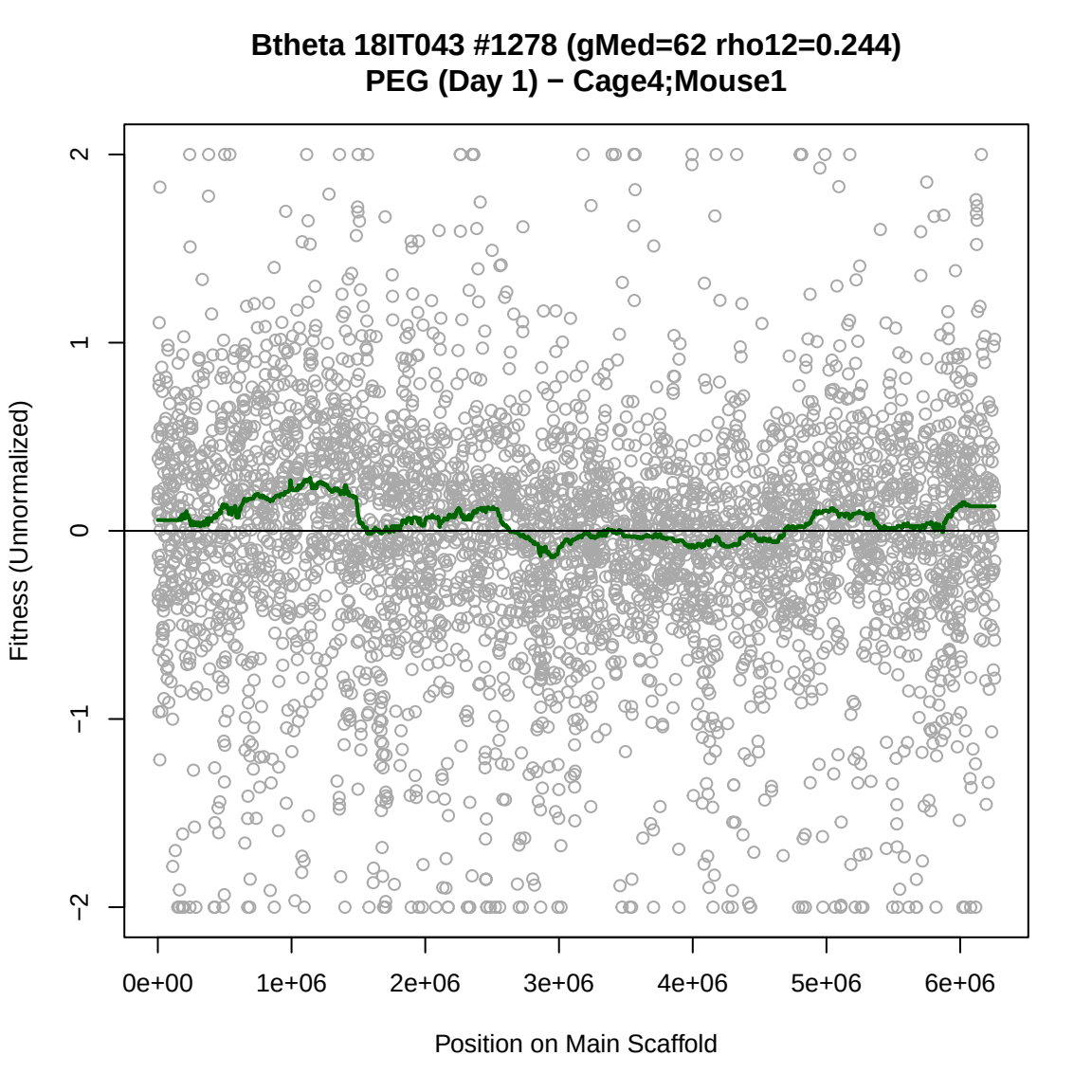

Btheta 18IT038 #1273 (gMed=31 rho12=0.232)
Post−colonization (Day 14) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

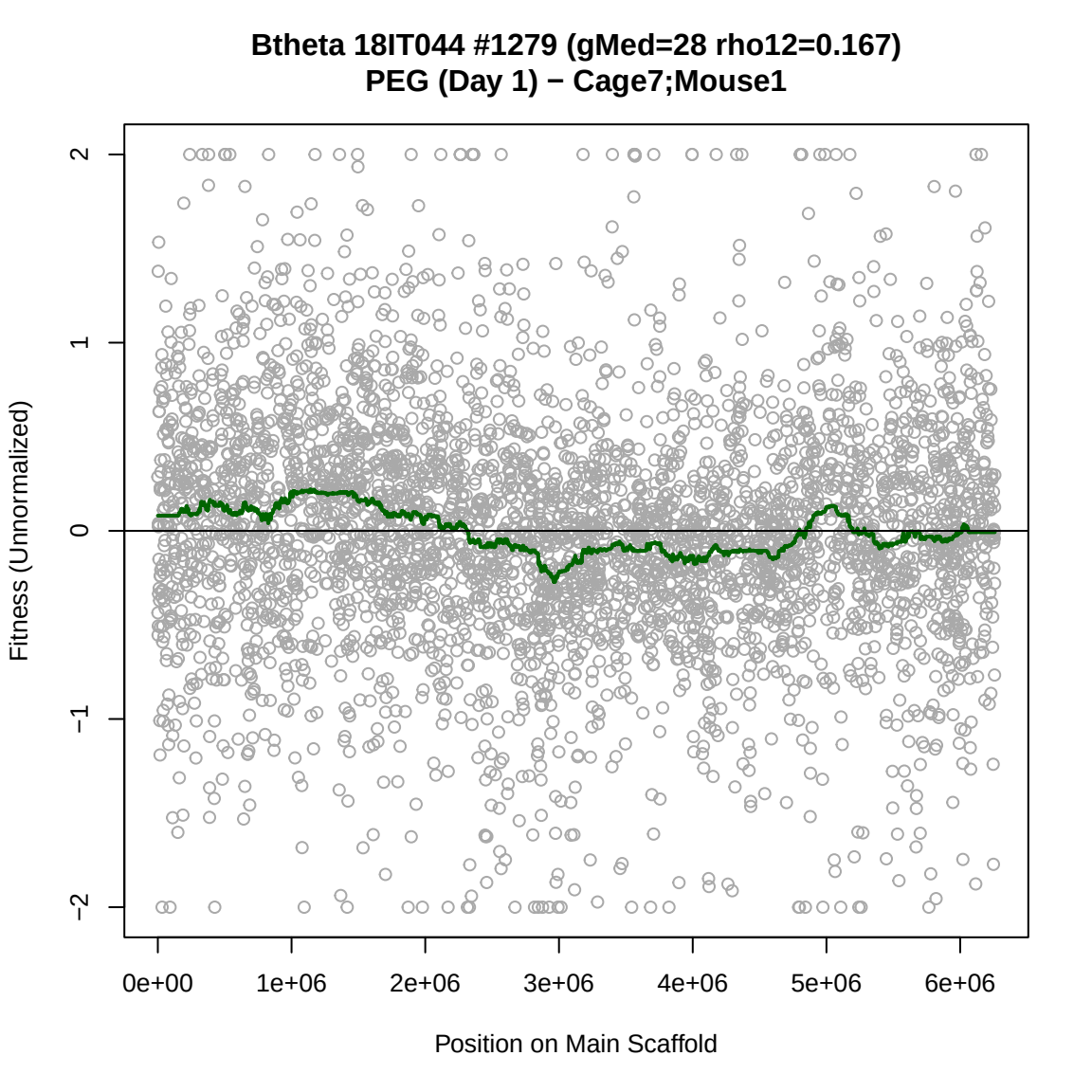

Btheta 18IT039 #1274 (gMed=92 rho12=0.344)
Post−colonization (Day 14) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

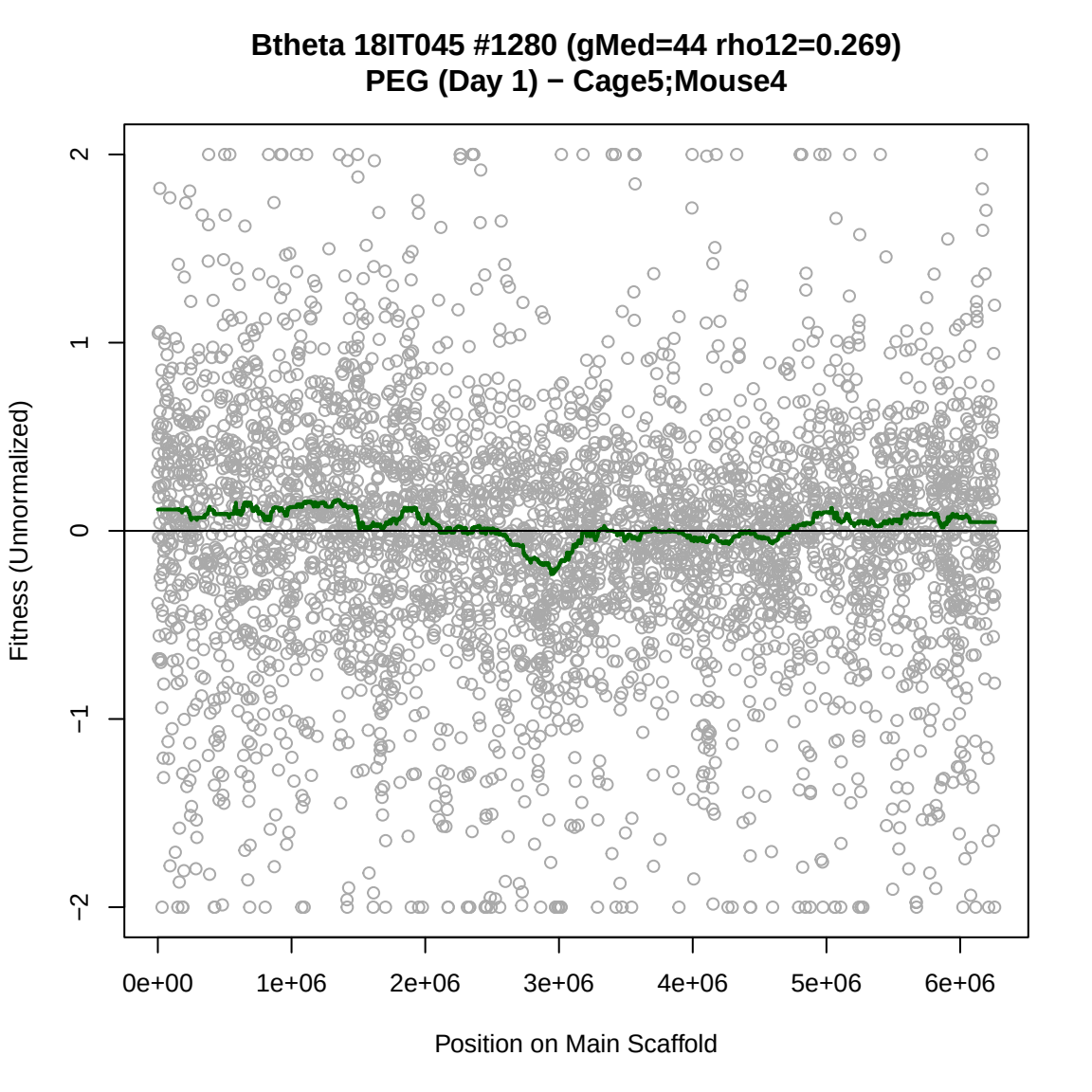

Btheta 18IT040 #1275 (gMed=46 rho12=0.267)
Post−colonization (Day 14) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

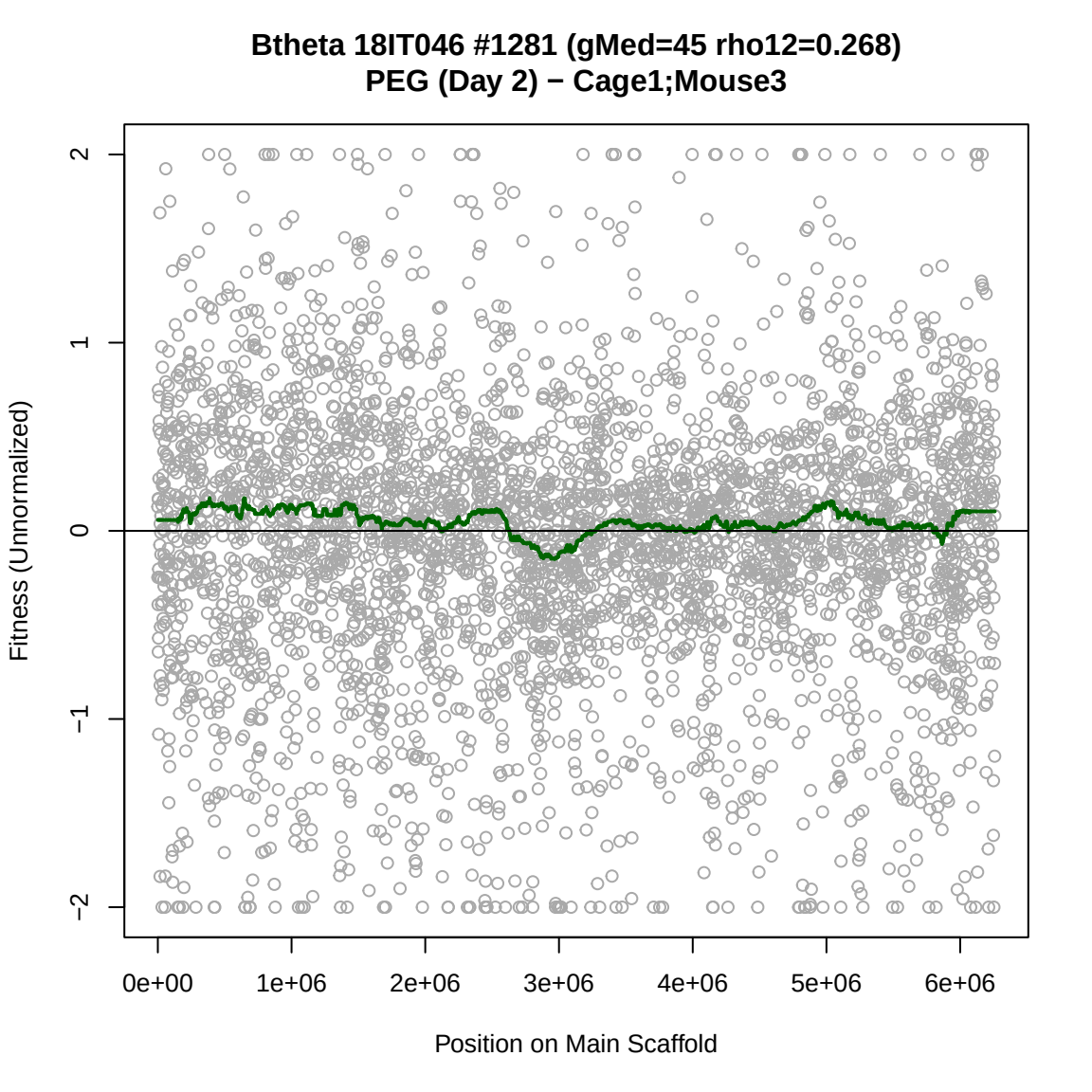

Btheta 18IT041 #1276 (gMed=48 rho12=0.299)
Post−colonization (Day 14) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

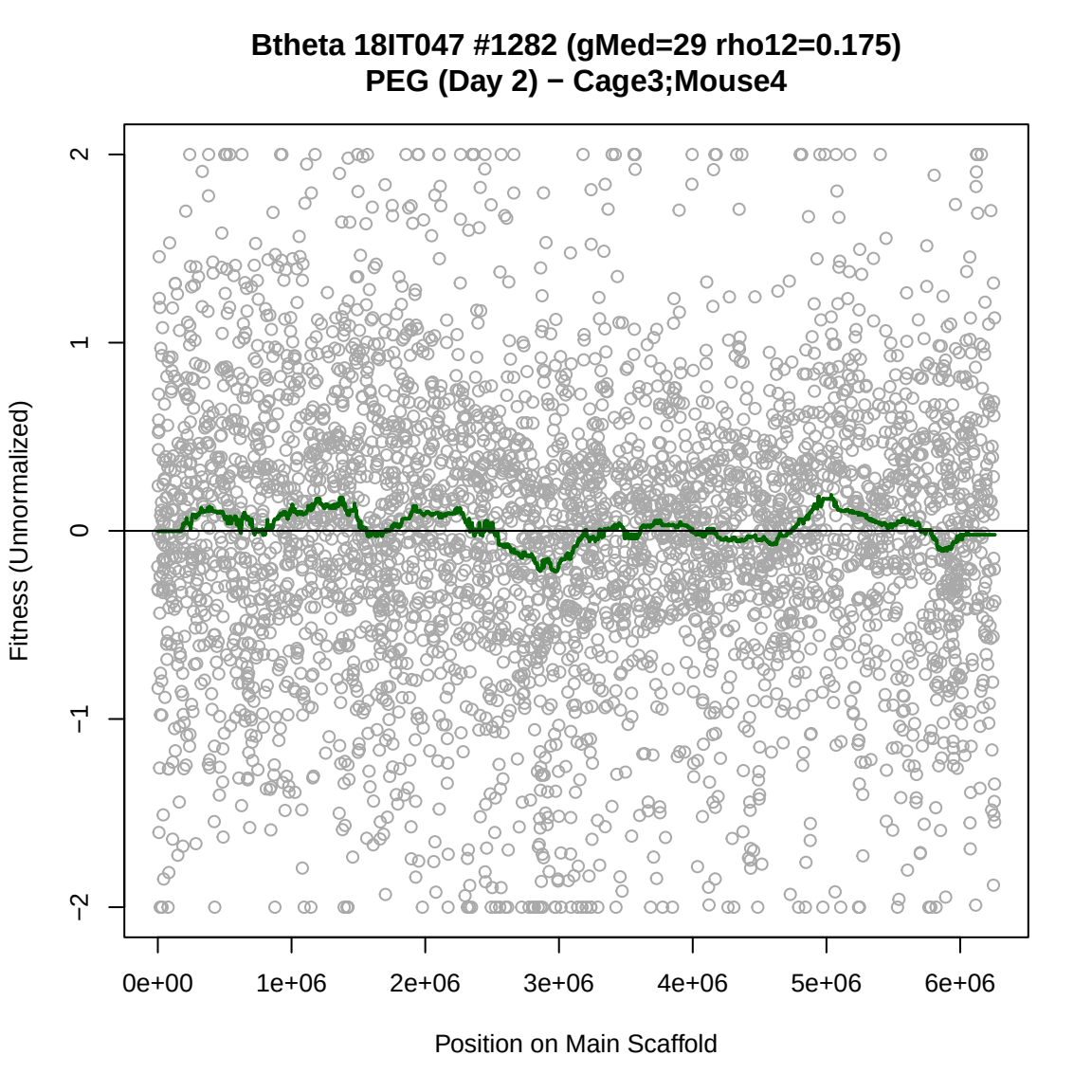

Btheta 18IT042 #1277 (gMed=41 rho12=0.263)
PEG (Day 1) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

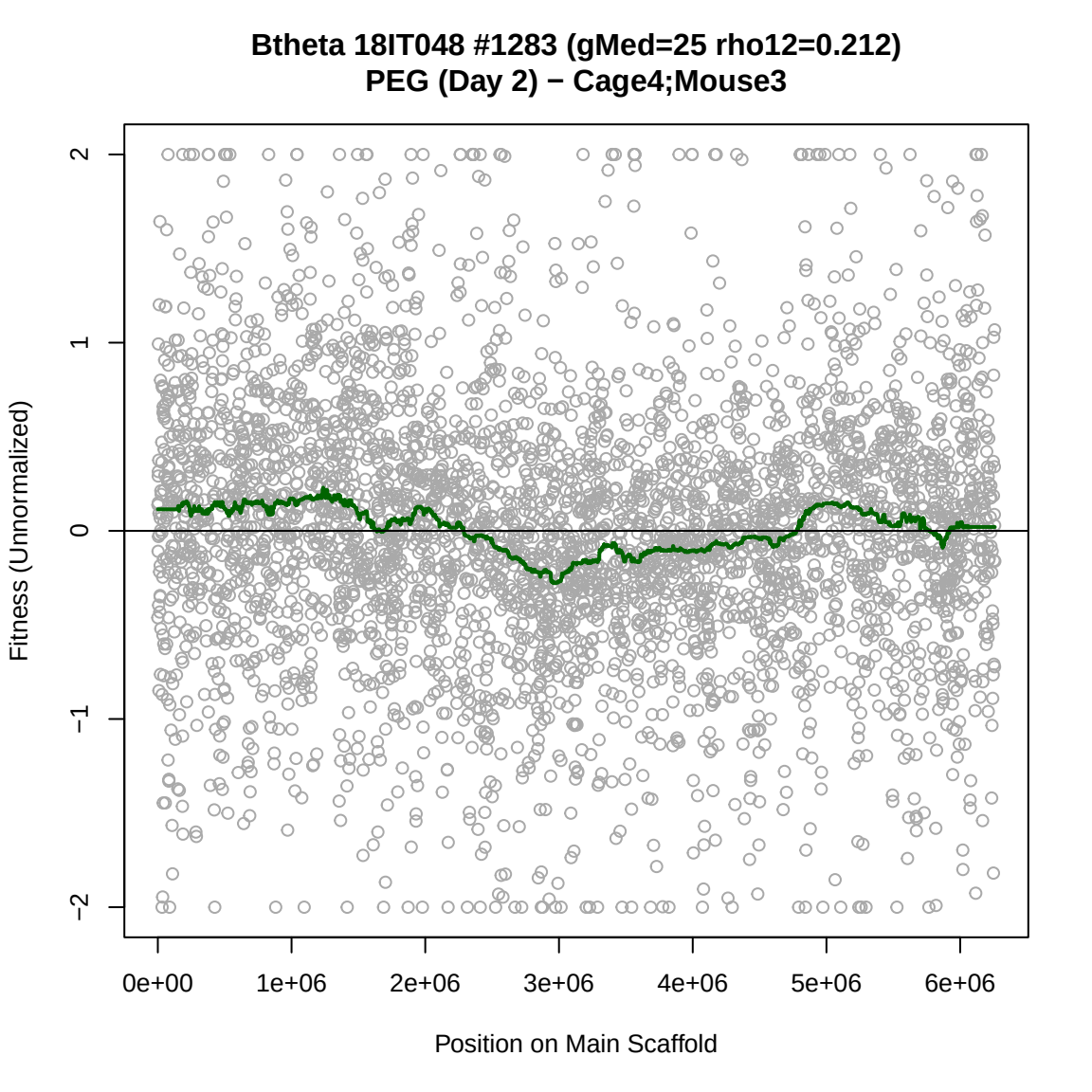

Btheta 18IT043 #1278 (gMed=62 rho12=0.244)
PEG (Day 1) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

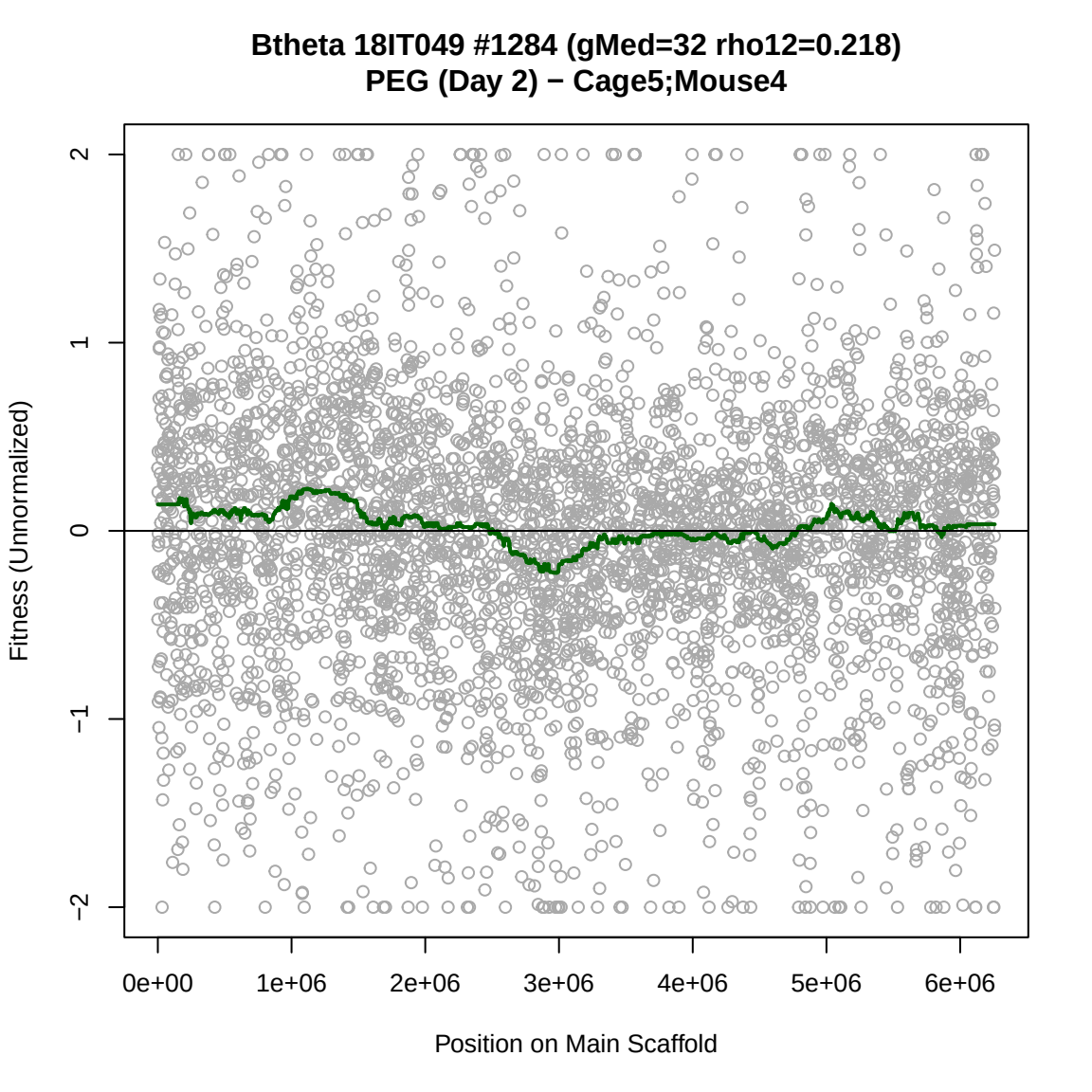

Btheta 18IT044 #1279 (gMed=28 rho12=0.167)
PEG (Day 1) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

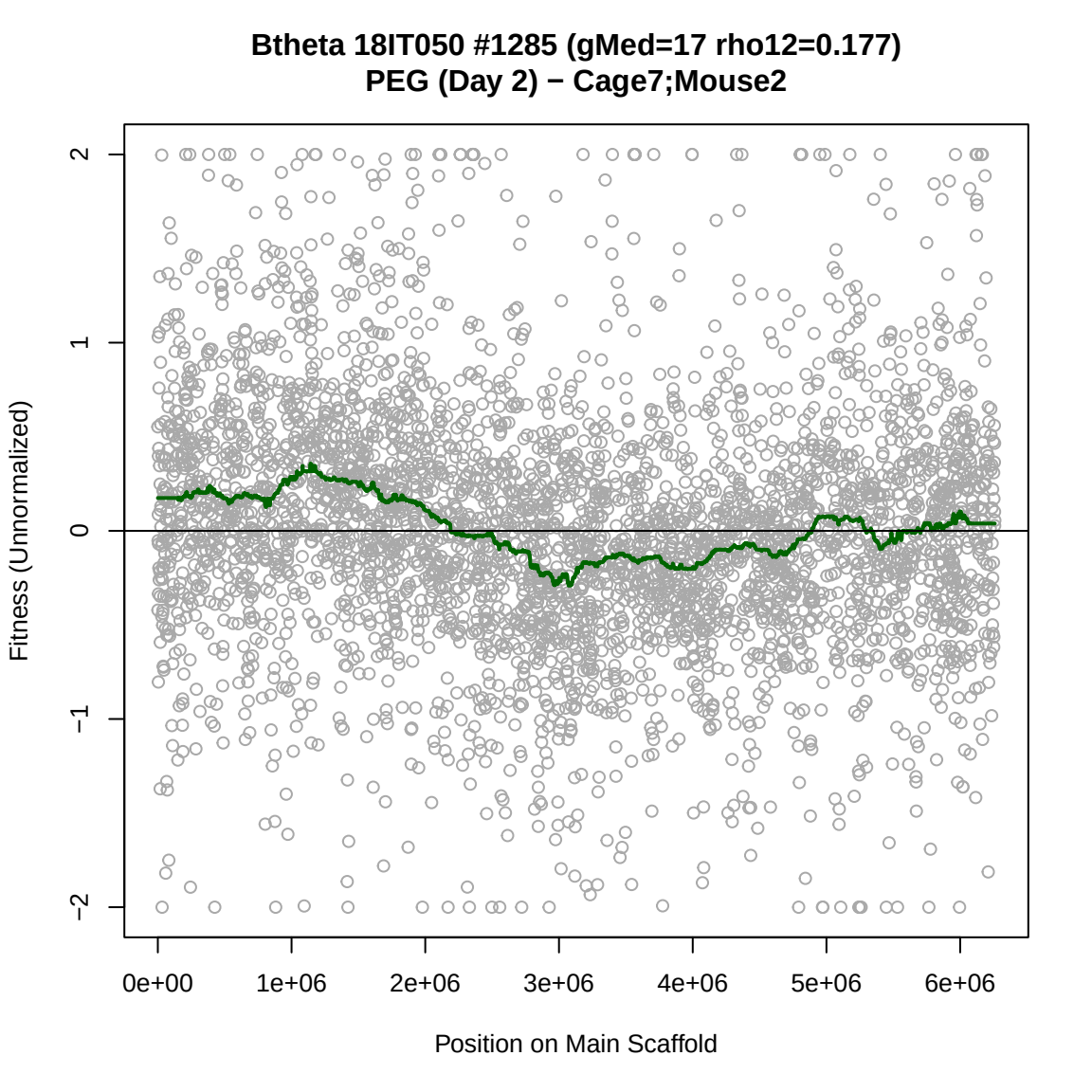

Btheta 18IT045 #1280 (gMed=44 rho12=0.269)
PEG (Day 1) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

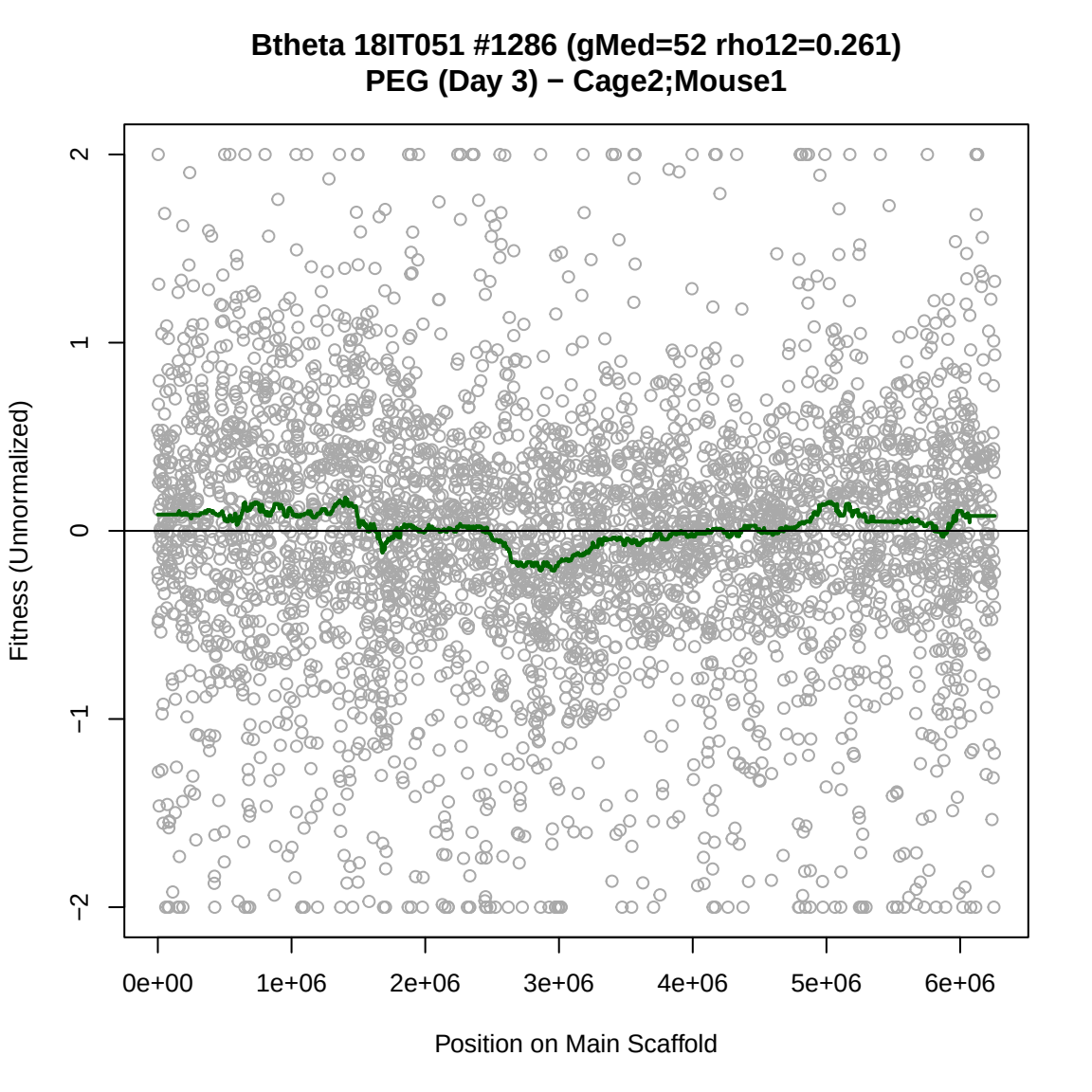

Btheta 18IT046 #1281 (gMed=45 rho12=0.268)
PEG (Day 2) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

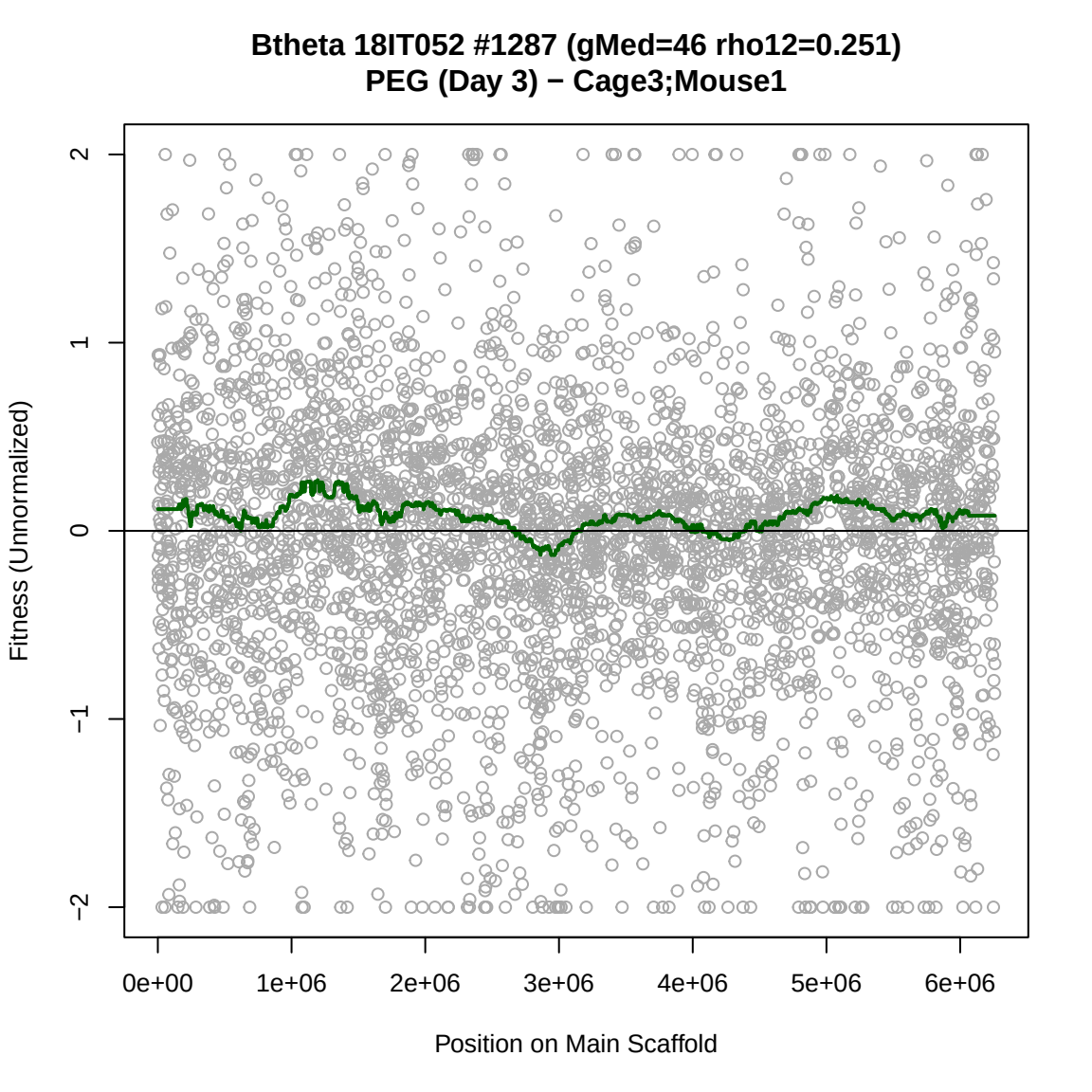

Btheta 18IT047 #1282 (gMed=29 rho12=0.175)
PEG (Day 2) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

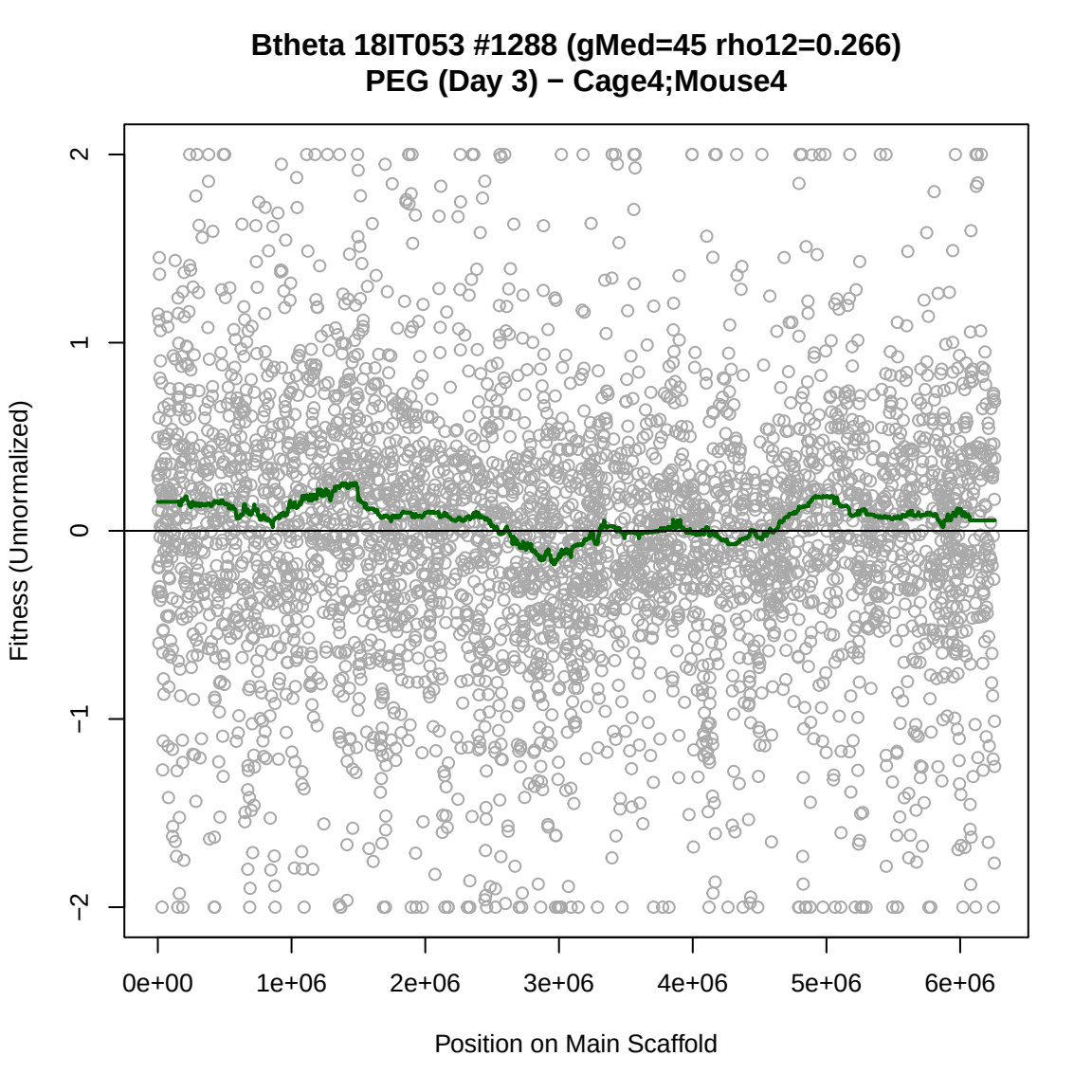

Btheta 18IT048 #1283 (gMed=25 rho12=0.212)
PEG (Day 2) − Cage4;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

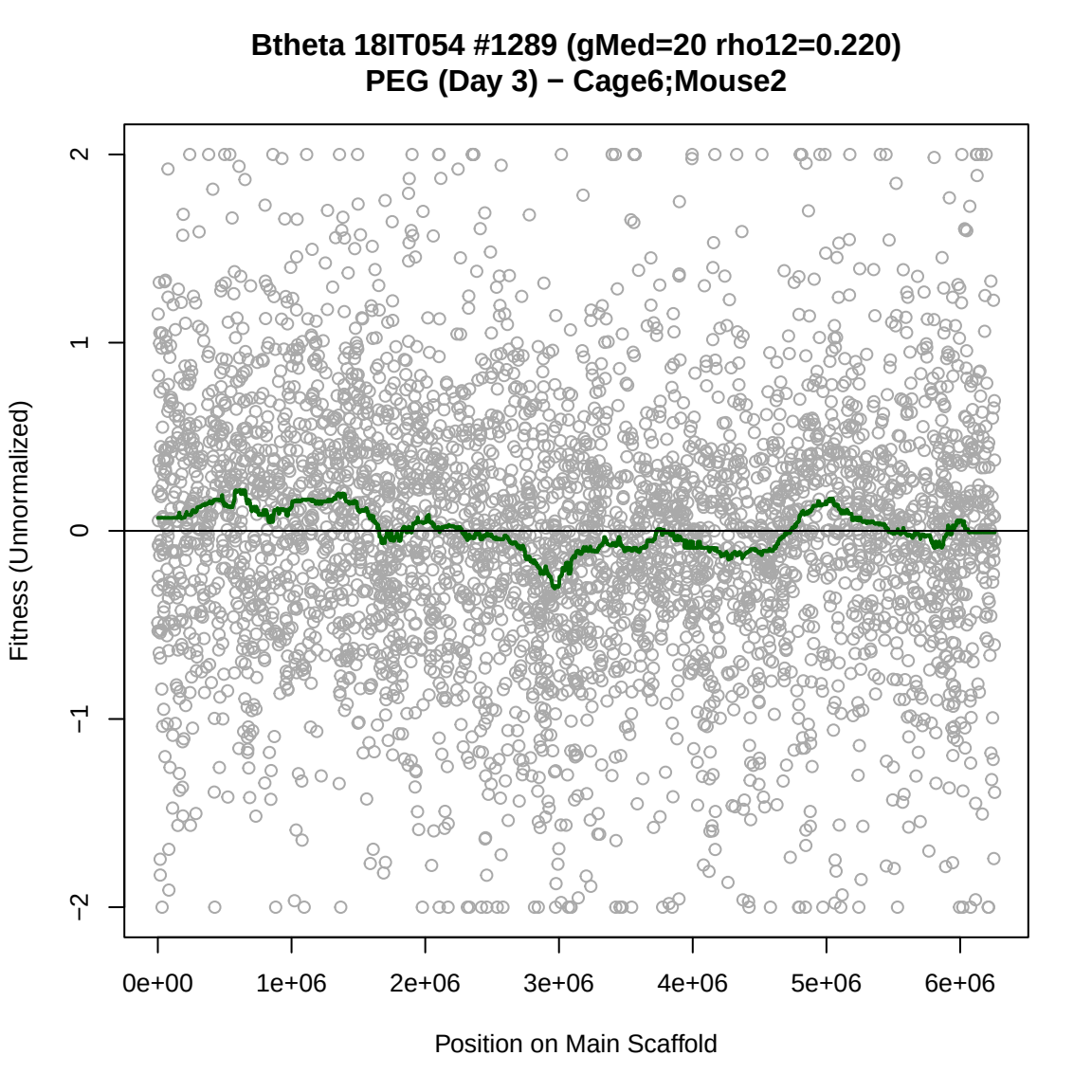

Btheta 18IT049 #1284 (gMed=32 rho12=0.218)
PEG (Day 2) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

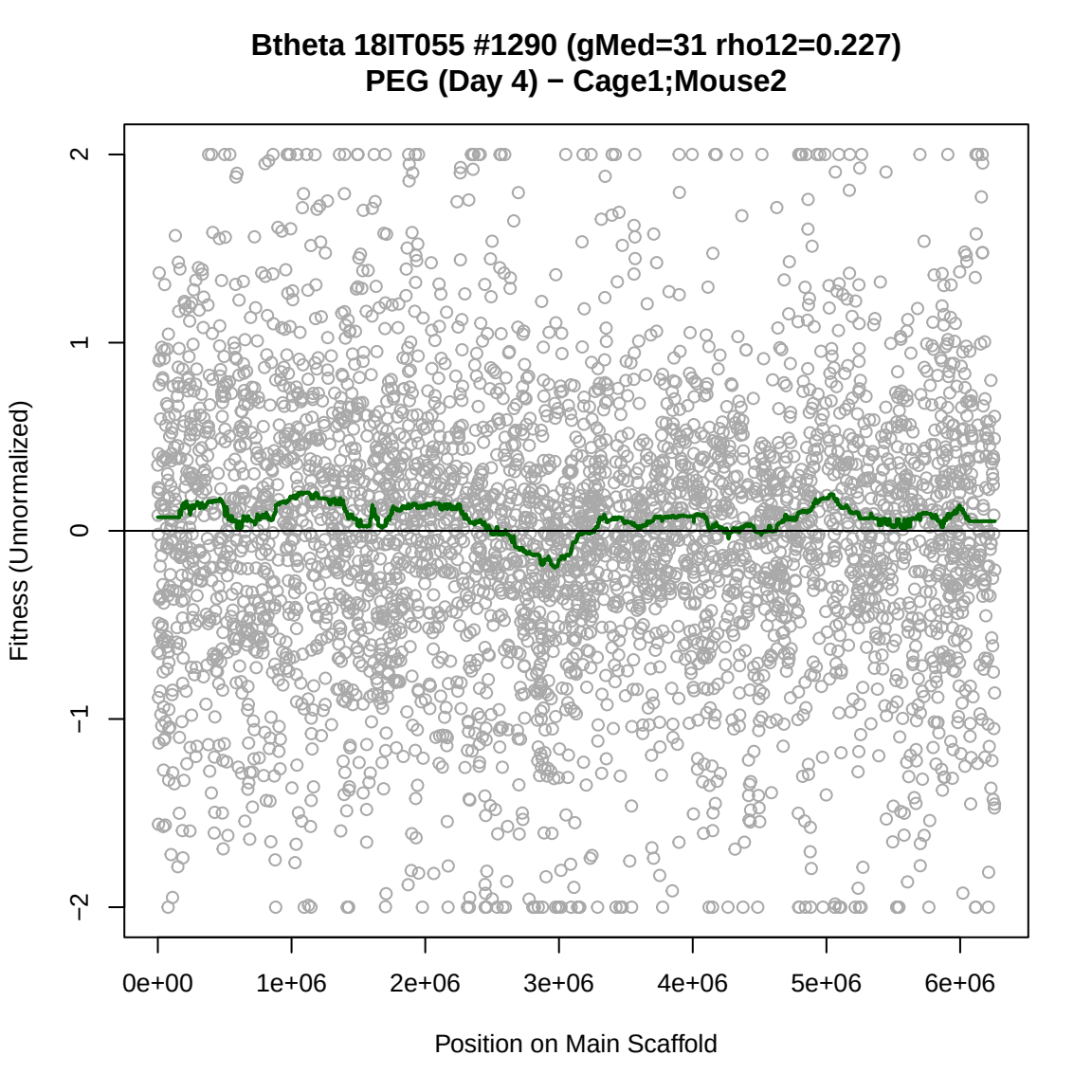

Btheta 18IT050 #1285 (gMed=17 rho12=0.177)
PEG (Day 2) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

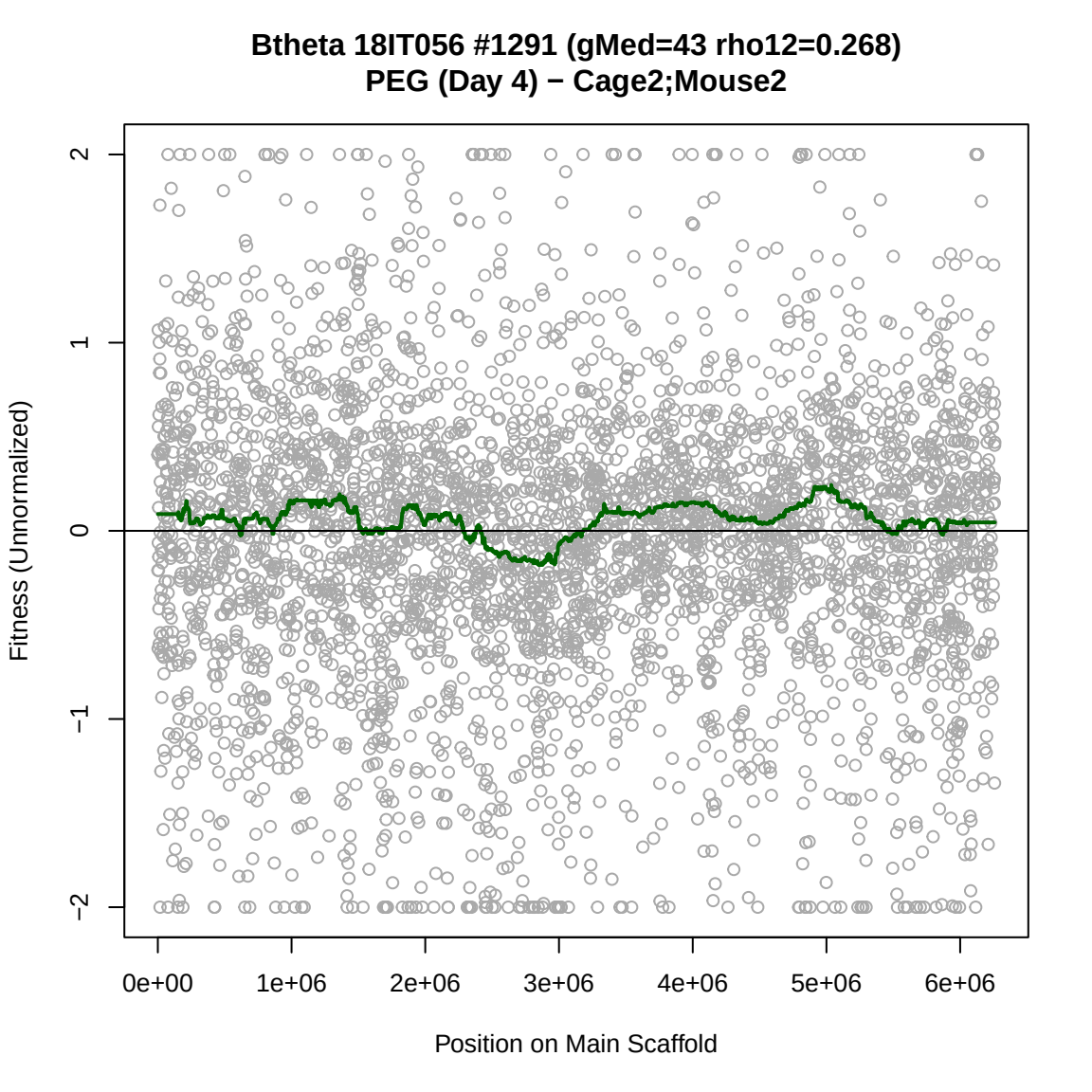

Btheta 18IT051 #1286 (gMed=52 rho12=0.261)
PEG (Day 3) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

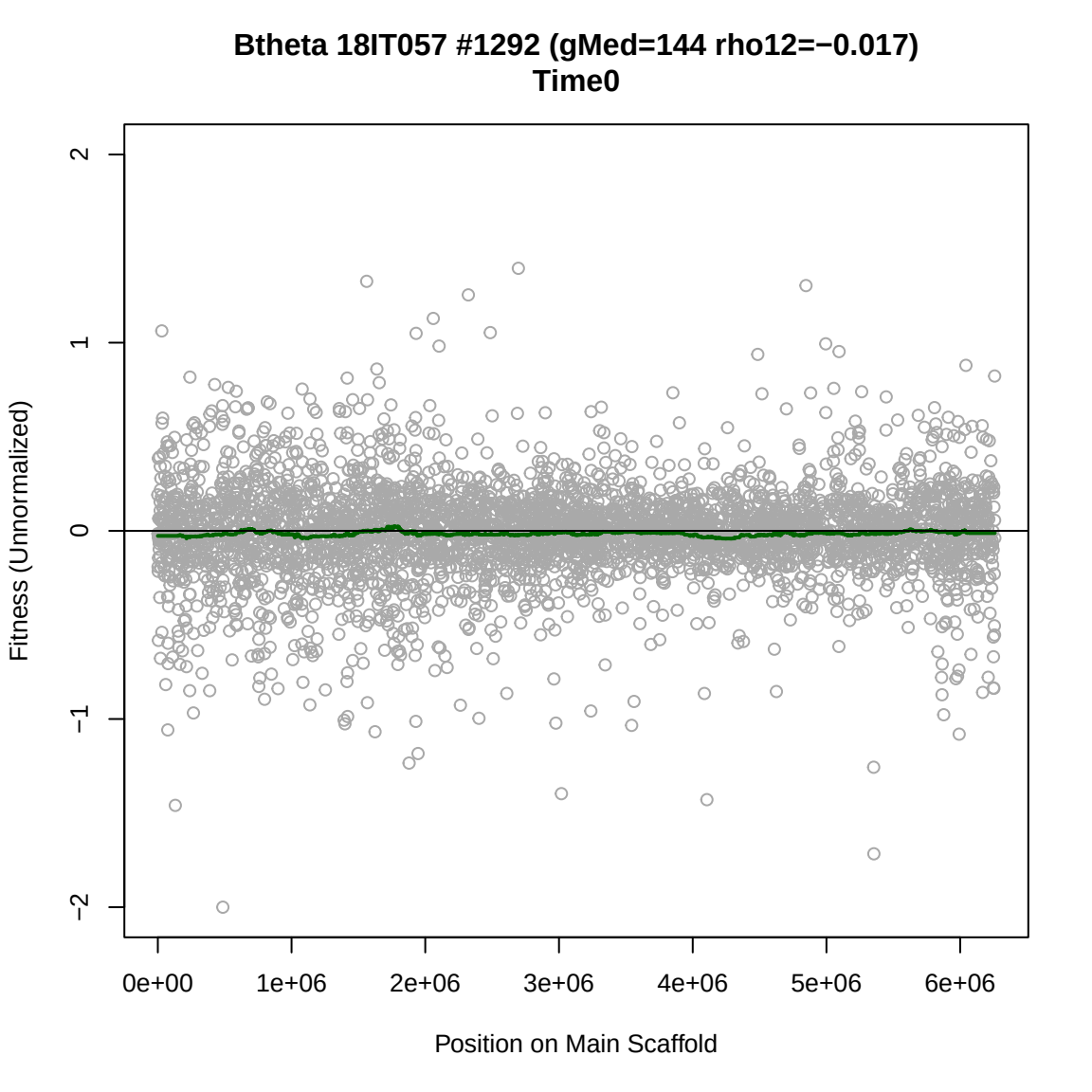

Btheta 18IT052 #1287 (gMed=46 rho12=0.251)
PEG (Day 3) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

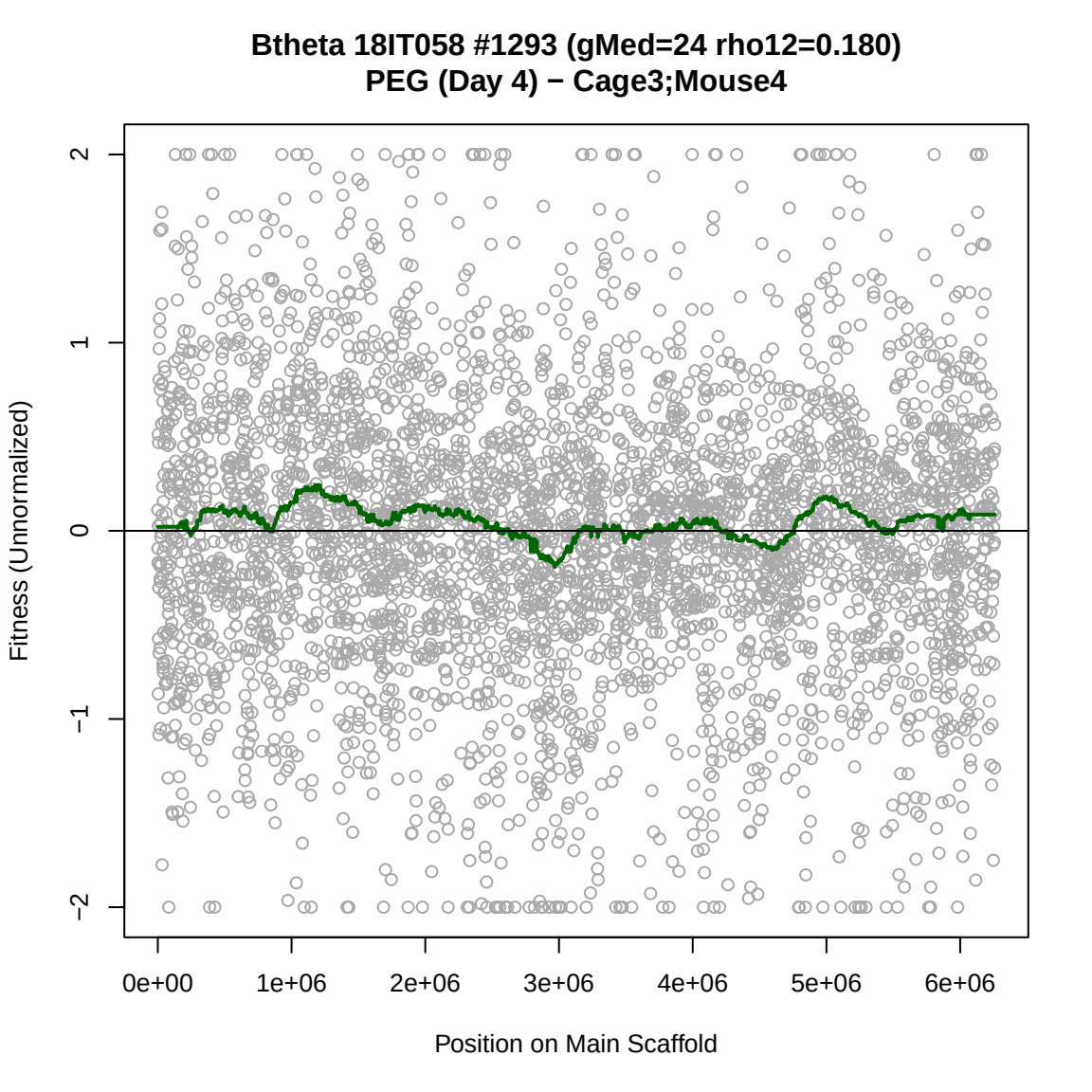

Btheta 18IT053 #1288 (gMed=45 rho12=0.266)
PEG (Day 3) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

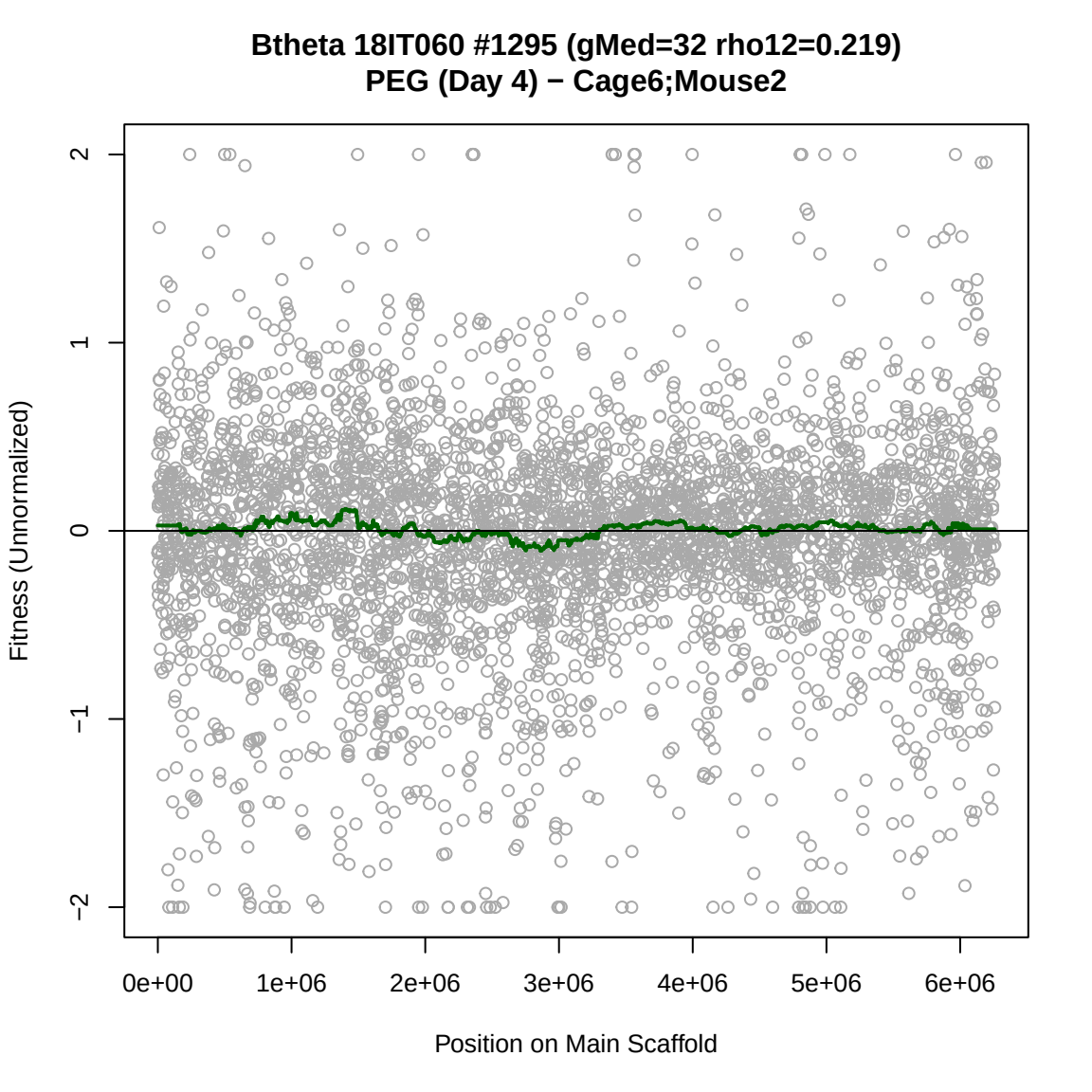

Btheta 18IT054 #1289 (gMed=20 rho12=0.220)
PEG (Day 3) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

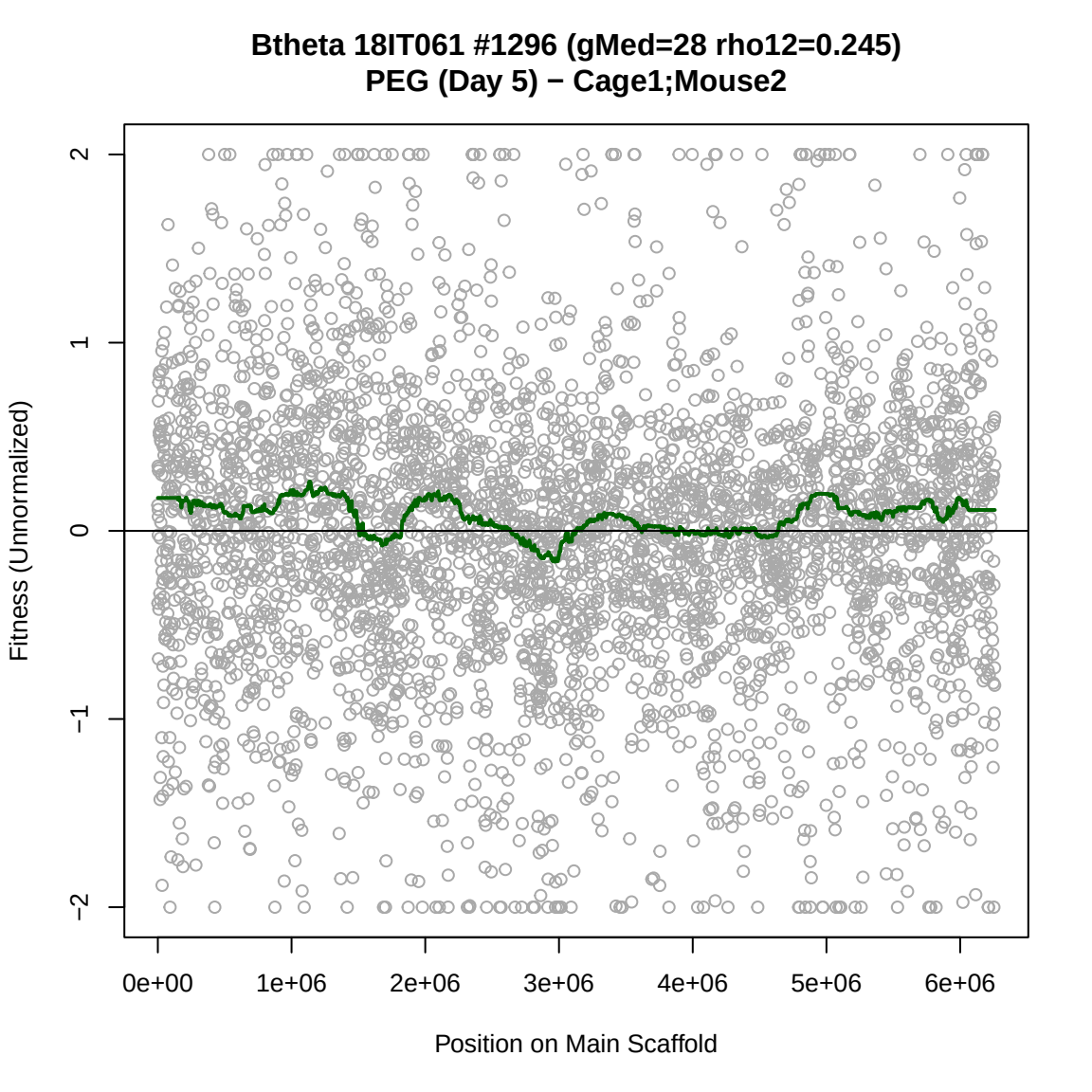

Btheta 18IT055 #1290 (gMed=31 rho12=0.227)
PEG (Day 4) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

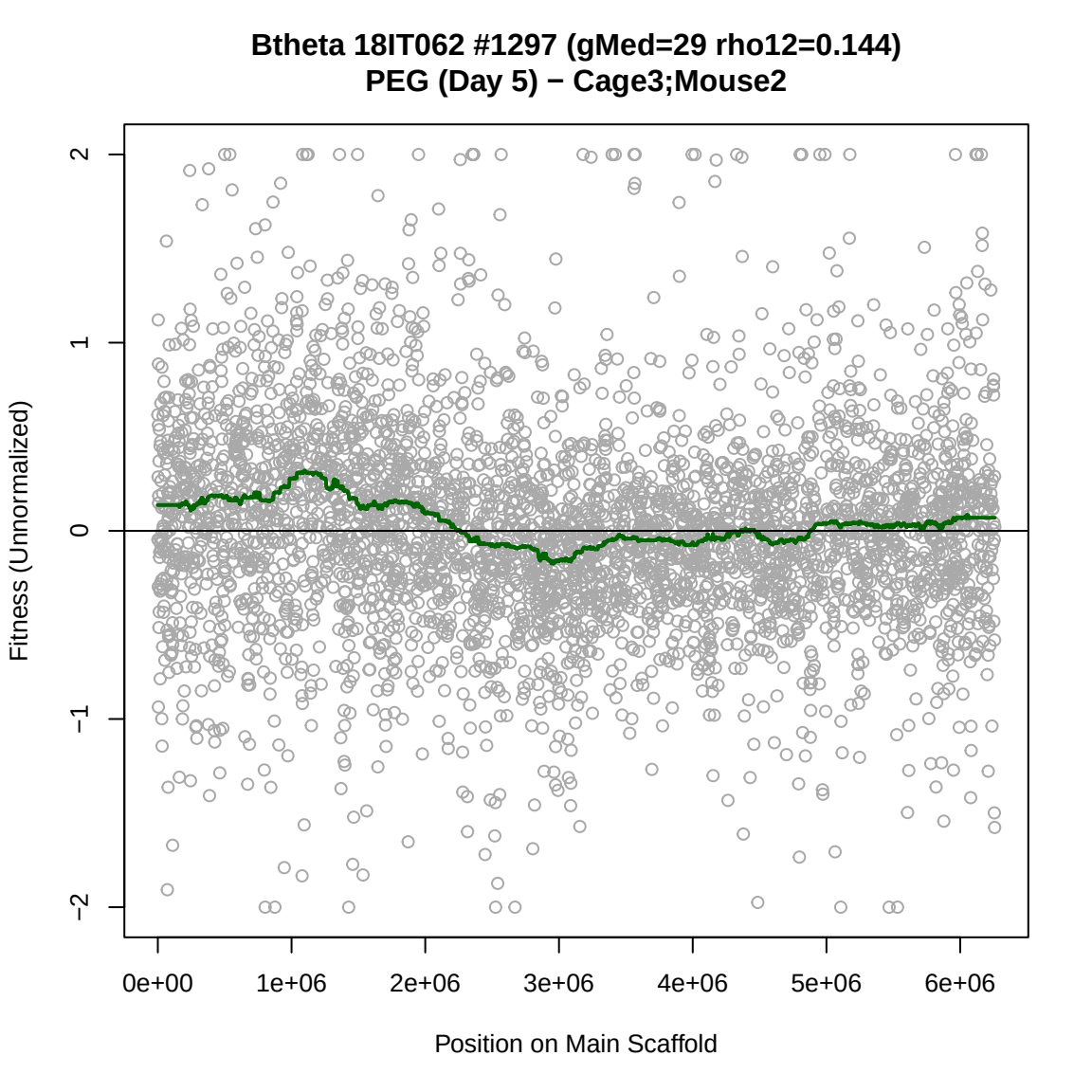

Btheta 18IT056 #1291 (gMed=43 rho12=0.268)
PEG (Day 4) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

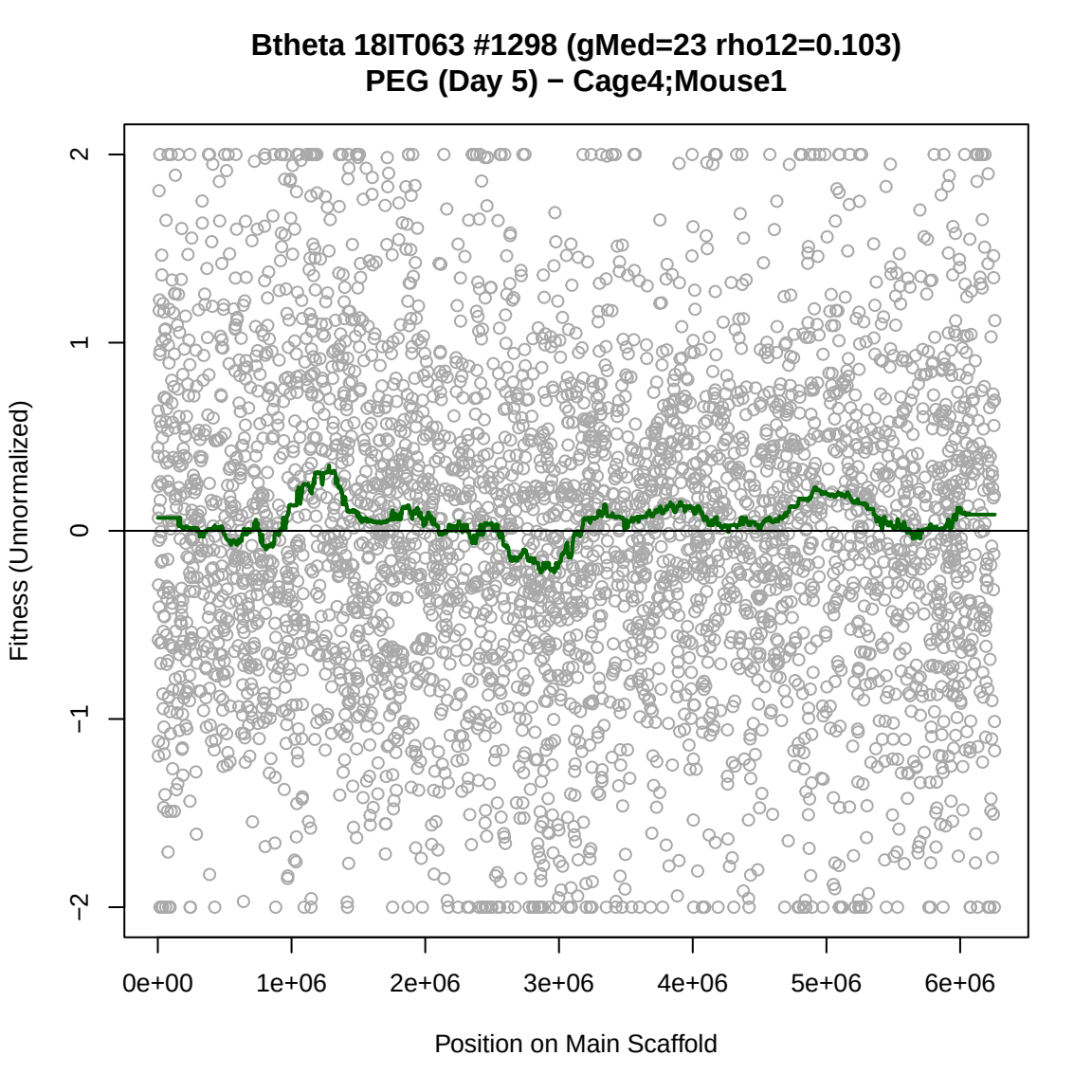

Btheta 18IT057 #1292 (gMed=144 rho12=−0.017)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

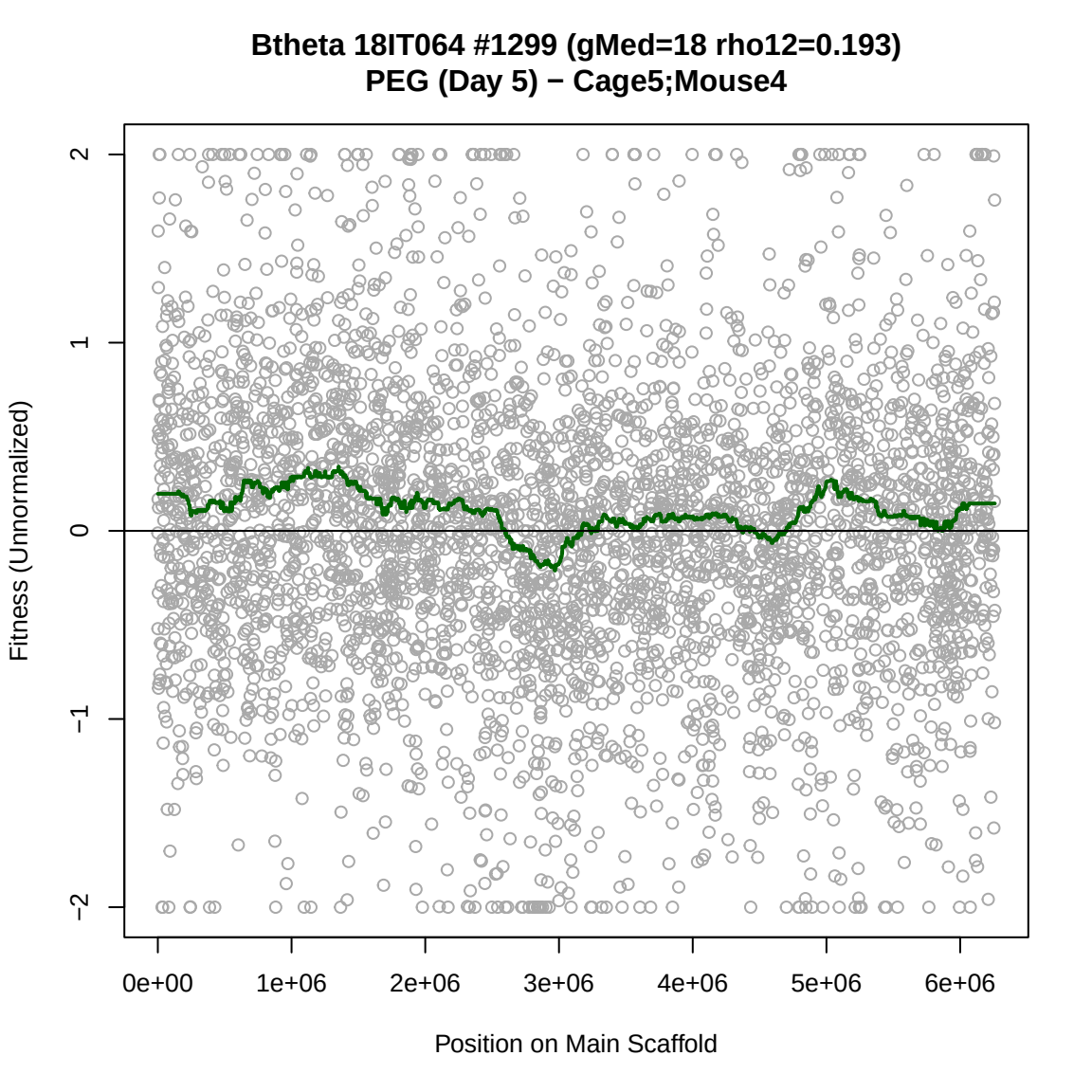

Btheta 18IT058 #1293 (gMed=24 rho12=0.180)
PEG (Day 4) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

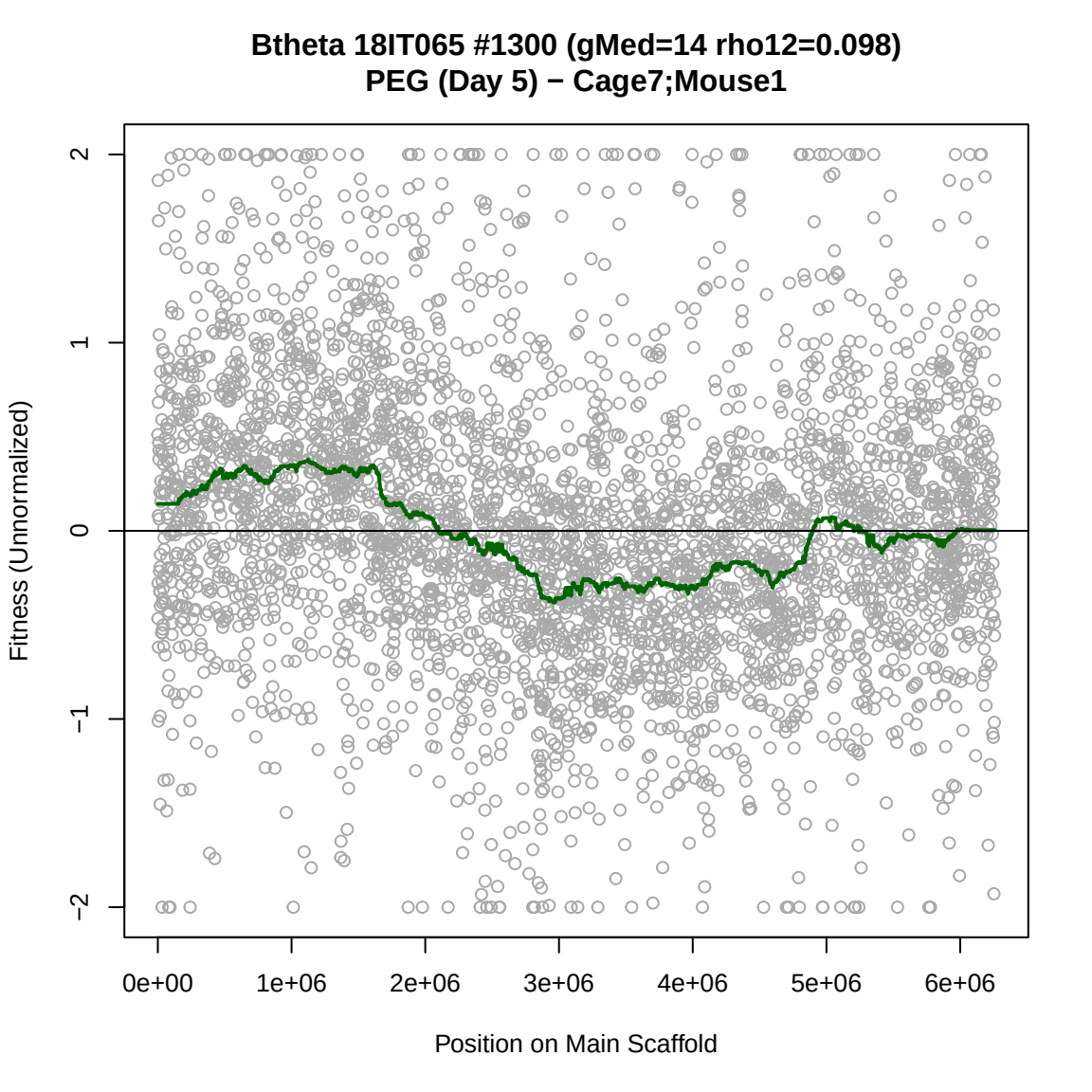

Btheta 18IT060 #1295 (gMed=32 rho12=0.219)
PEG (Day 4) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

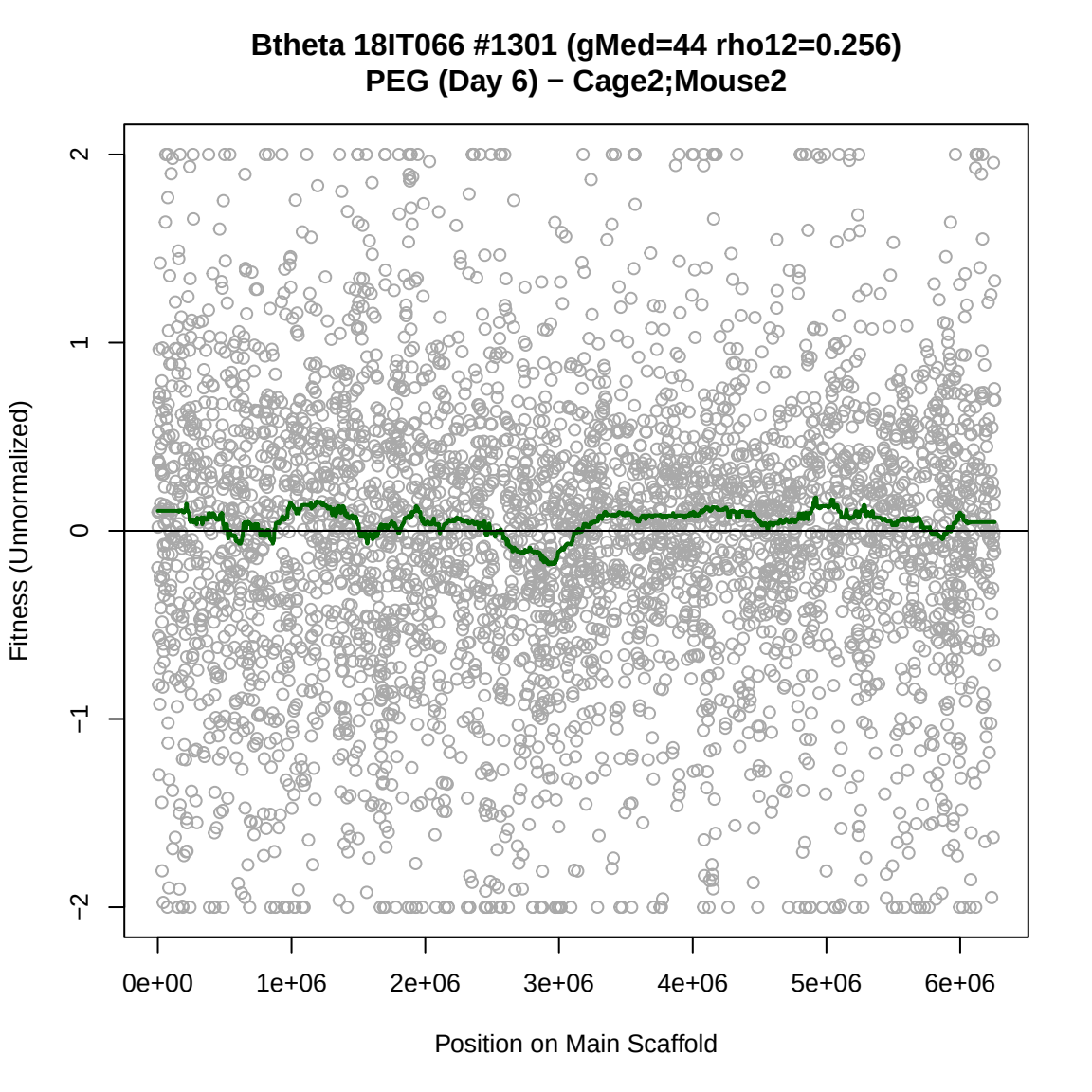

Btheta 18IT061 #1296 (gMed=28 rho12=0.245)
PEG (Day 5) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

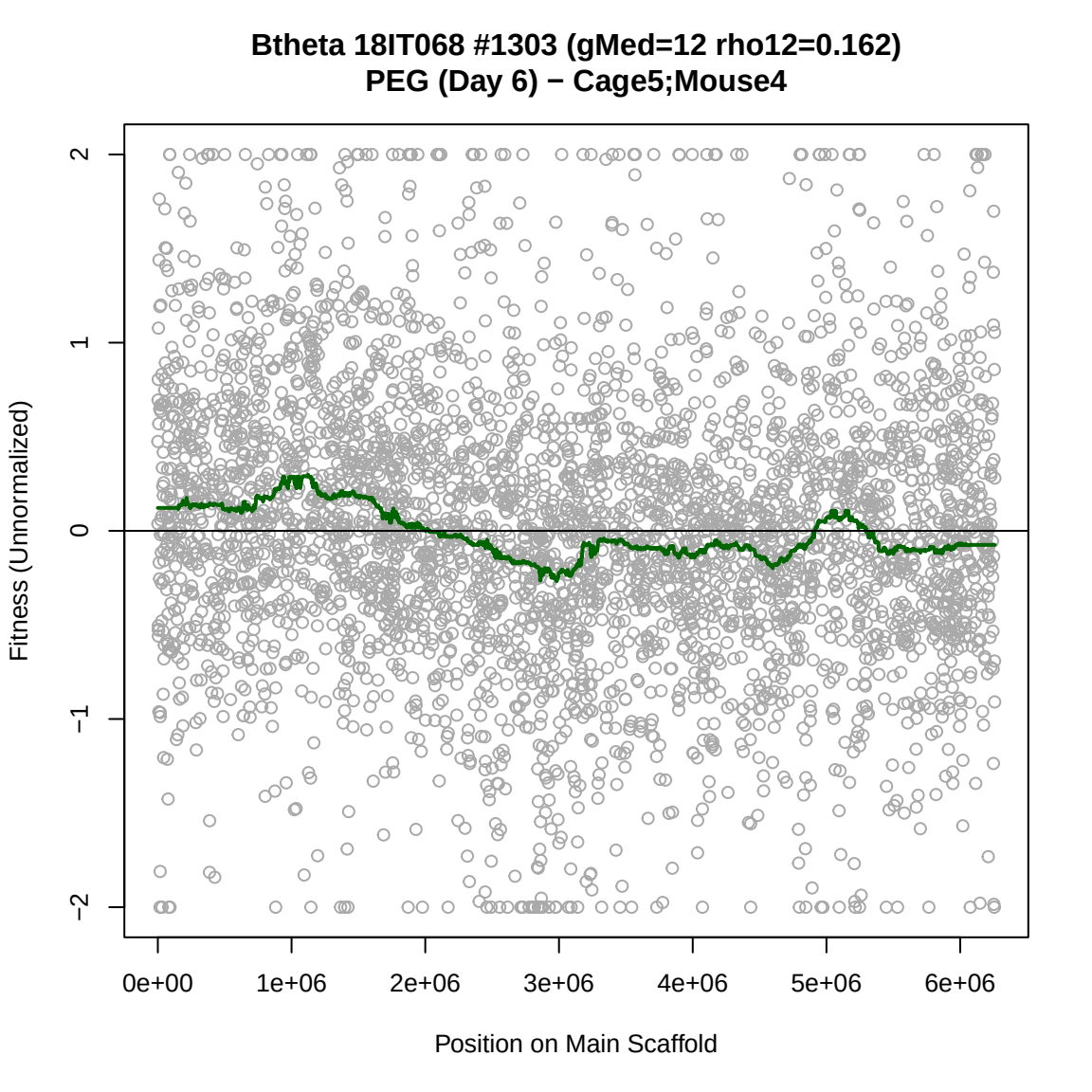

Btheta 18IT062 #1297 (gMed=29 rho12=0.144)
PEG (Day 5) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

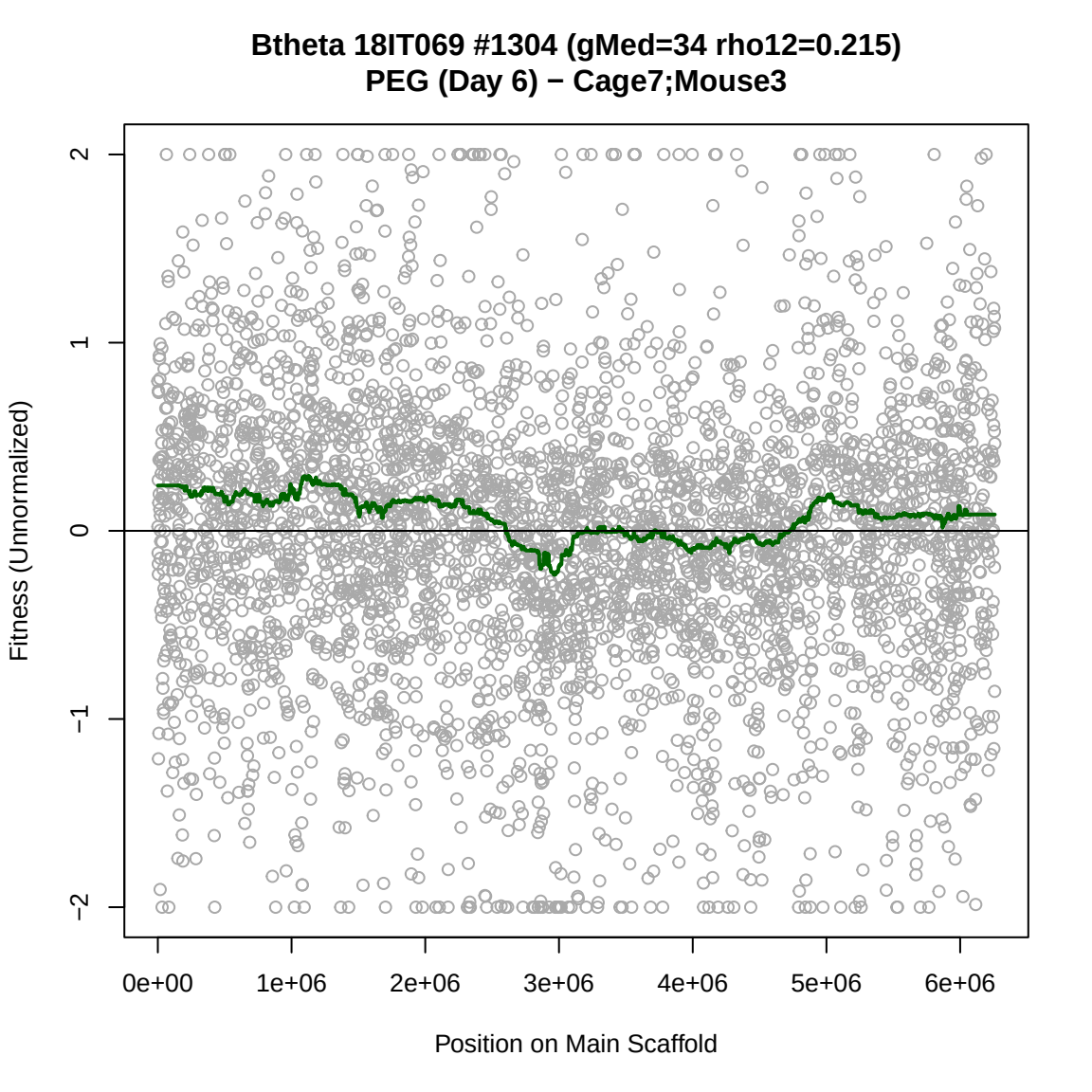

Btheta 18IT063 #1298 (gMed=23 rho12=0.103)
PEG (Day 5) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

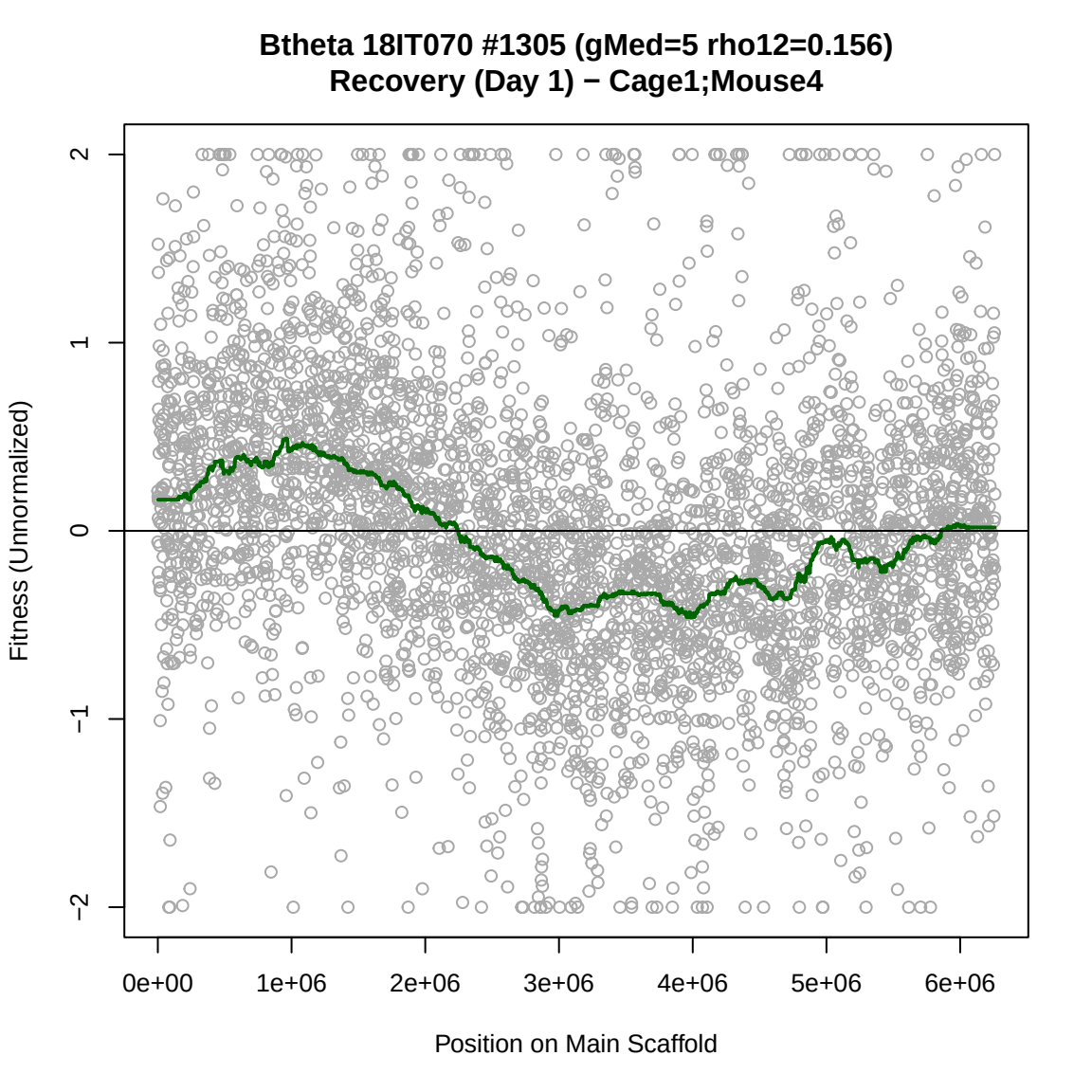

Btheta 18IT064 #1299 (gMed=18 rho12=0.193)
PEG (Day 5) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

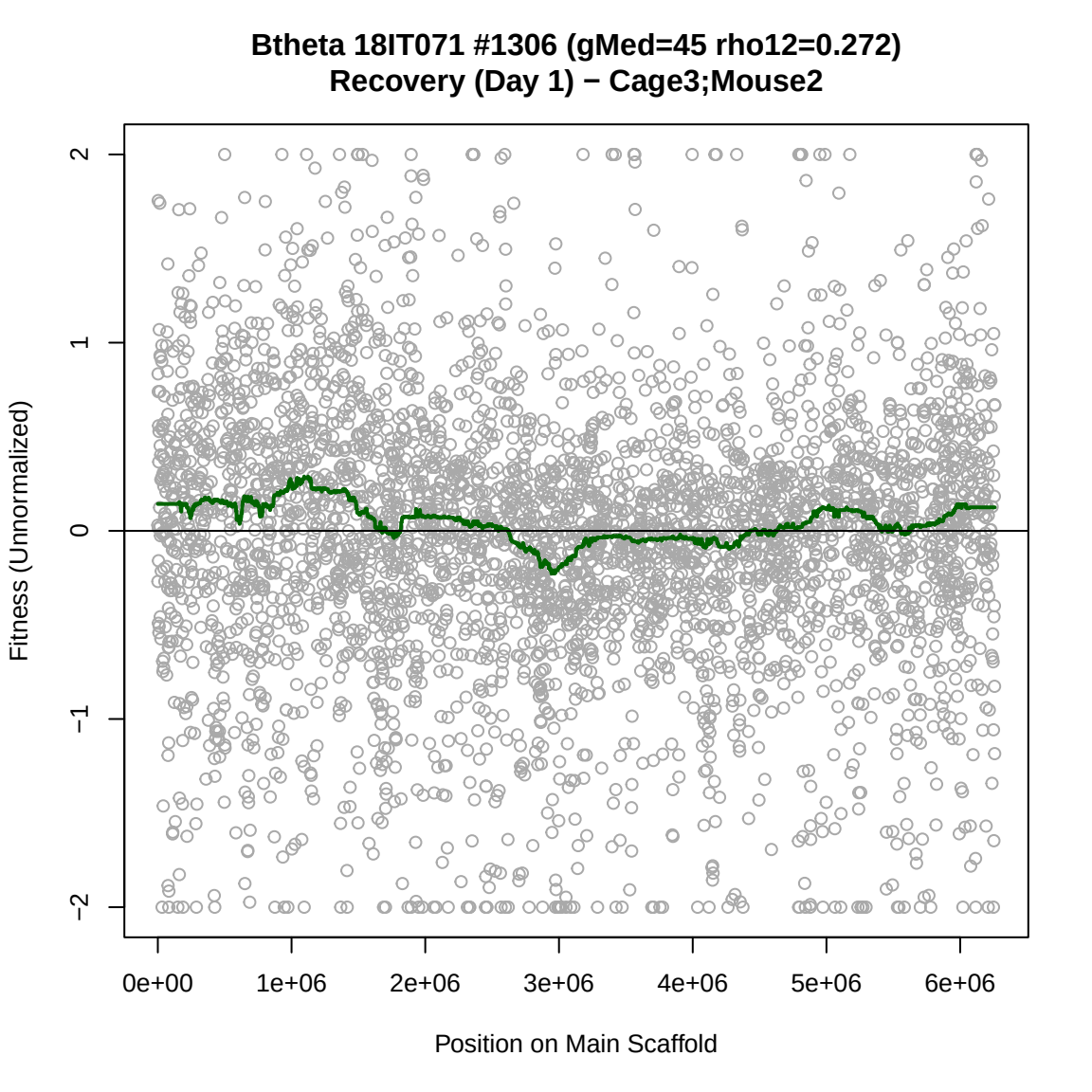

Btheta 18IT065 #1300 (gMed=14 rho12=0.098)
PEG (Day 5) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

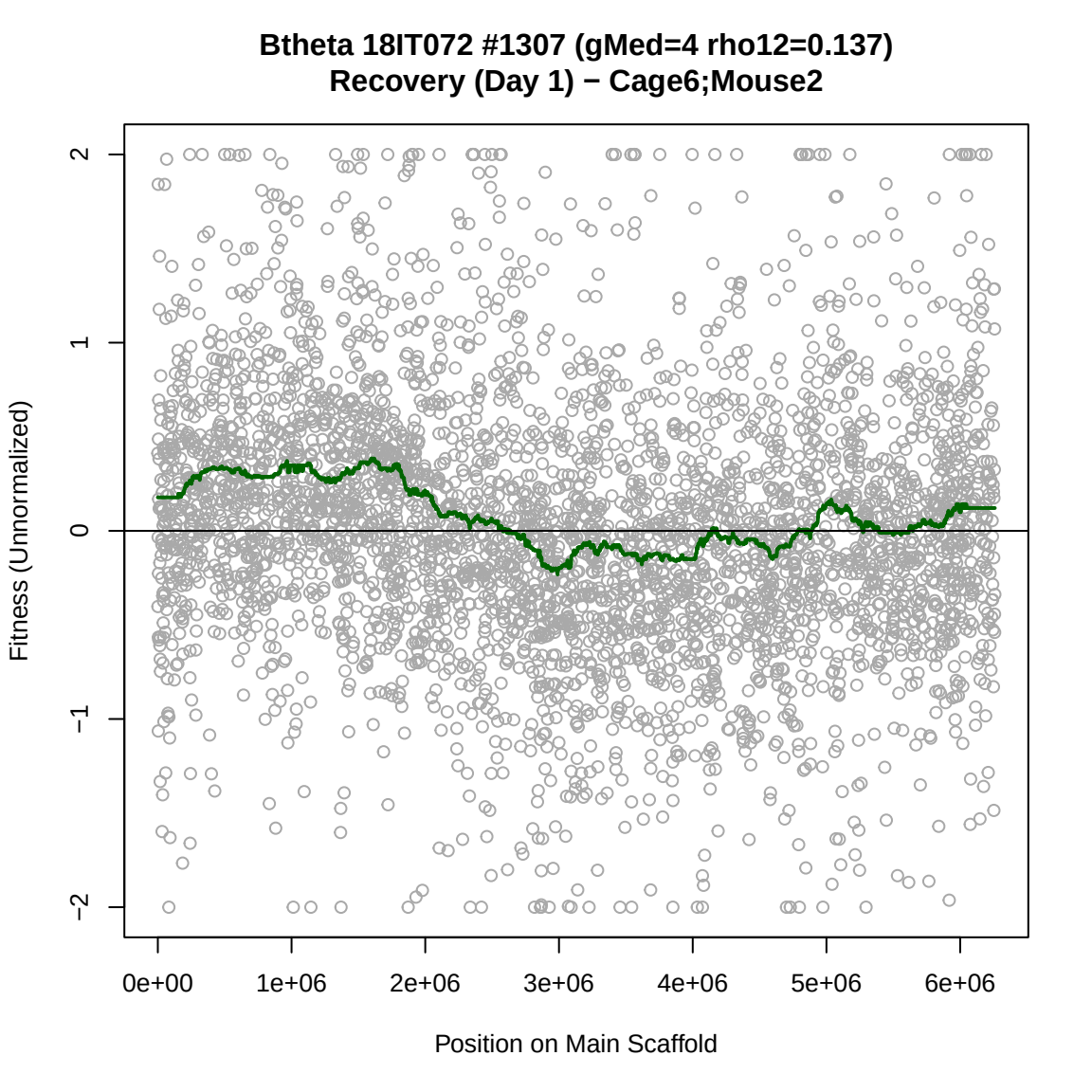

Btheta 18IT066 #1301 (gMed=44 rho12=0.256)
PEG (Day 6) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

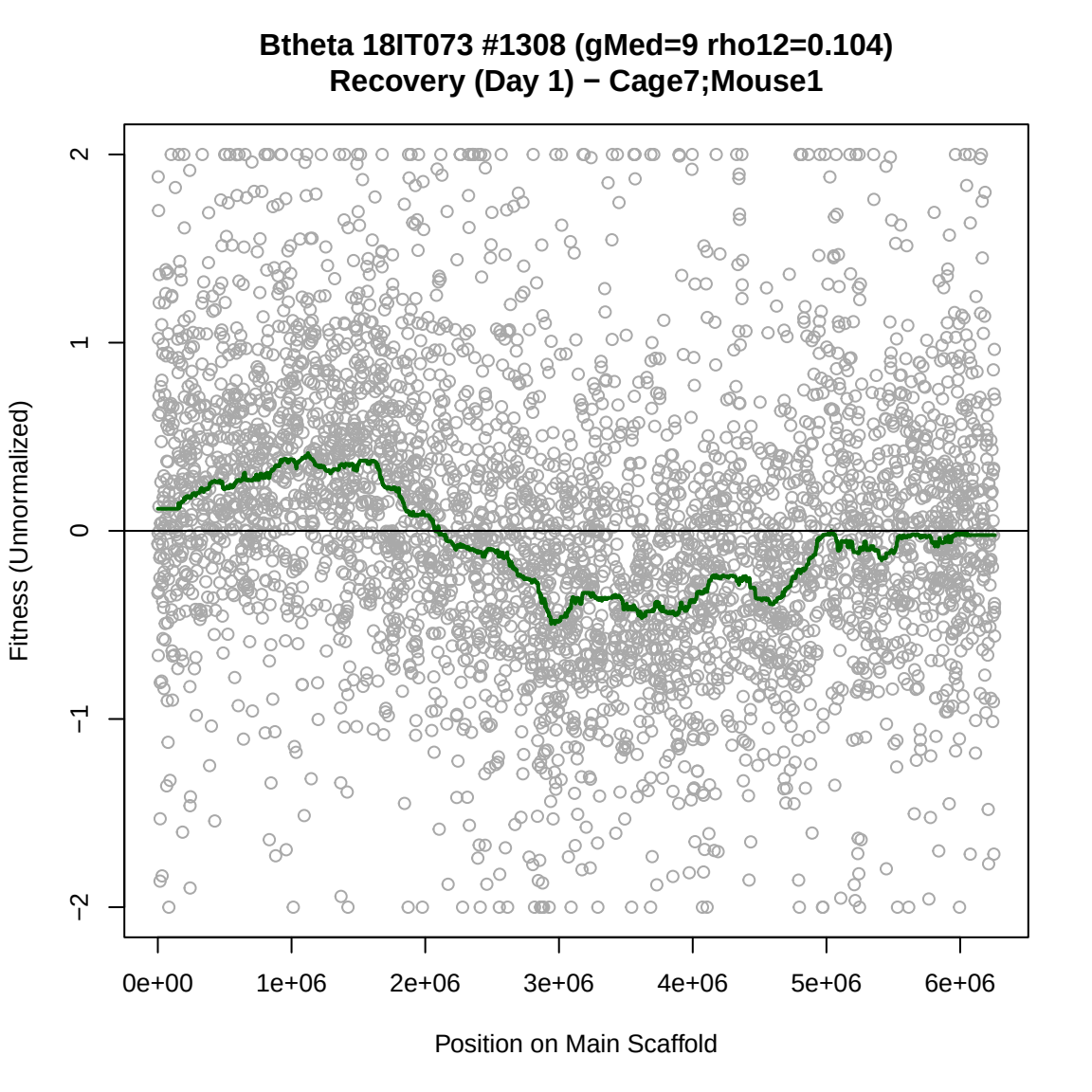

Btheta 18IT068 #1303 (gMed=12 rho12=0.162)
PEG (Day 6) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

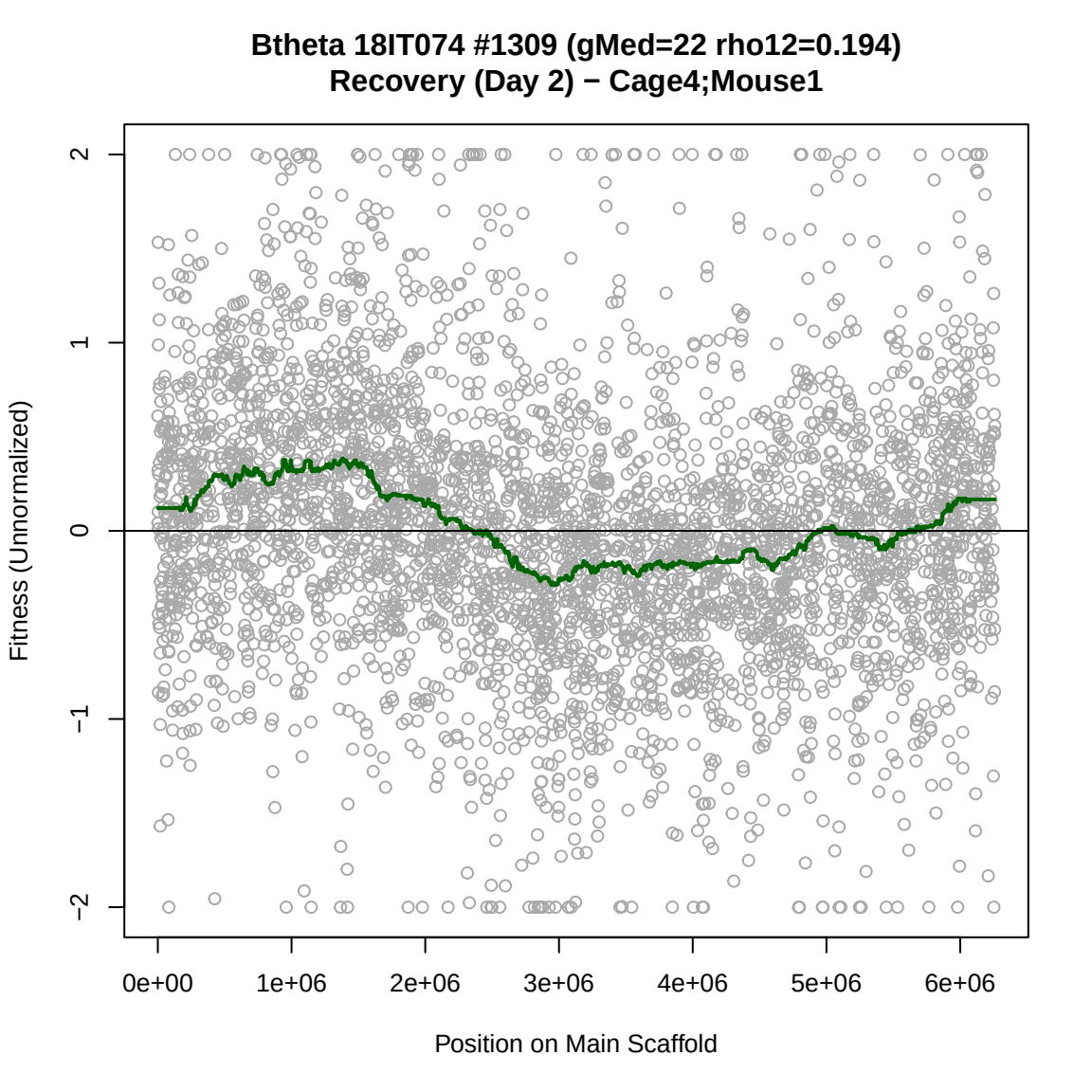

Btheta 18IT069 #1304 (gMed=34 rho12=0.215)
PEG (Day 6) − Cage7;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

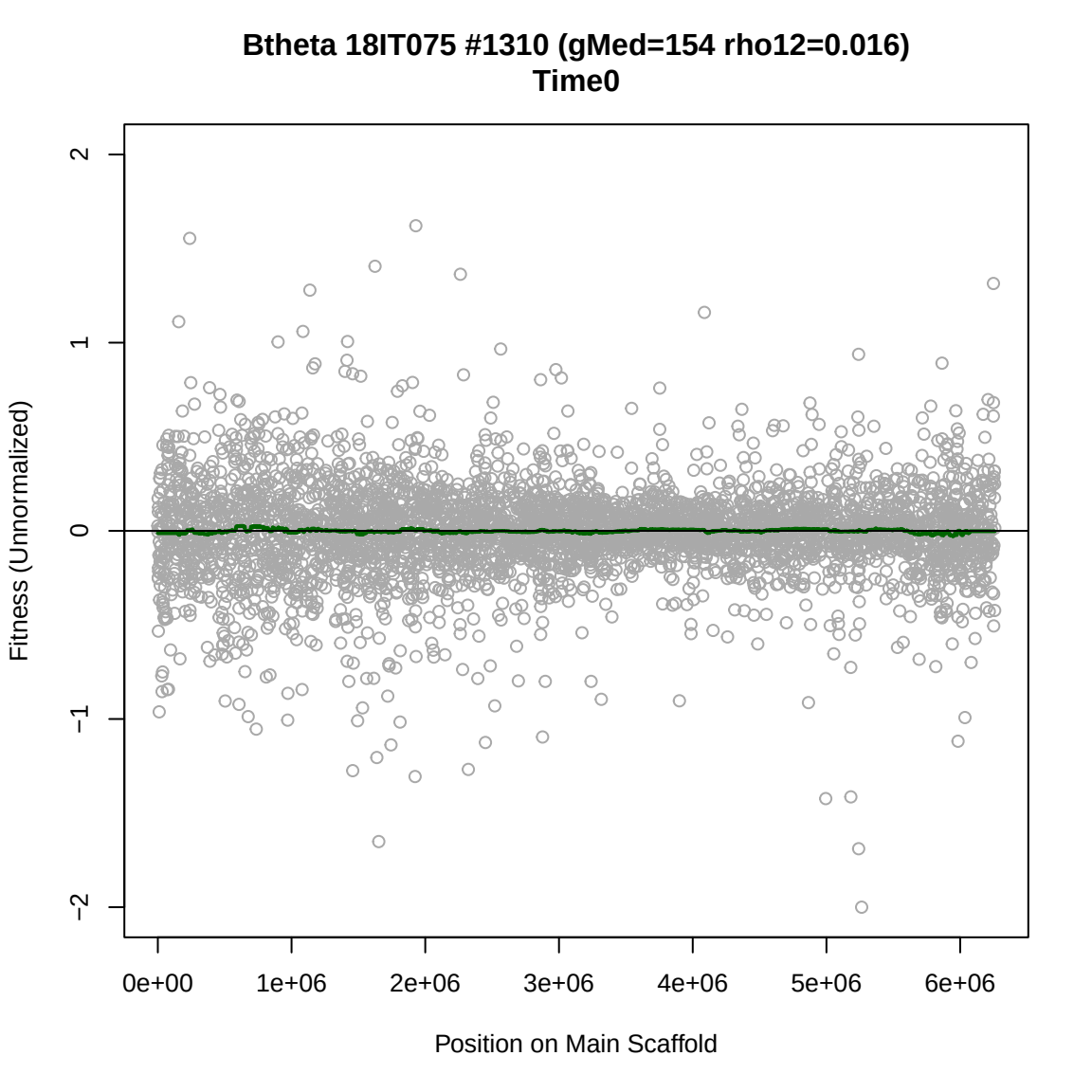

Btheta 18IT070 #1305 (gMed=5 rho12=0.156)
Recovery (Day 1) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

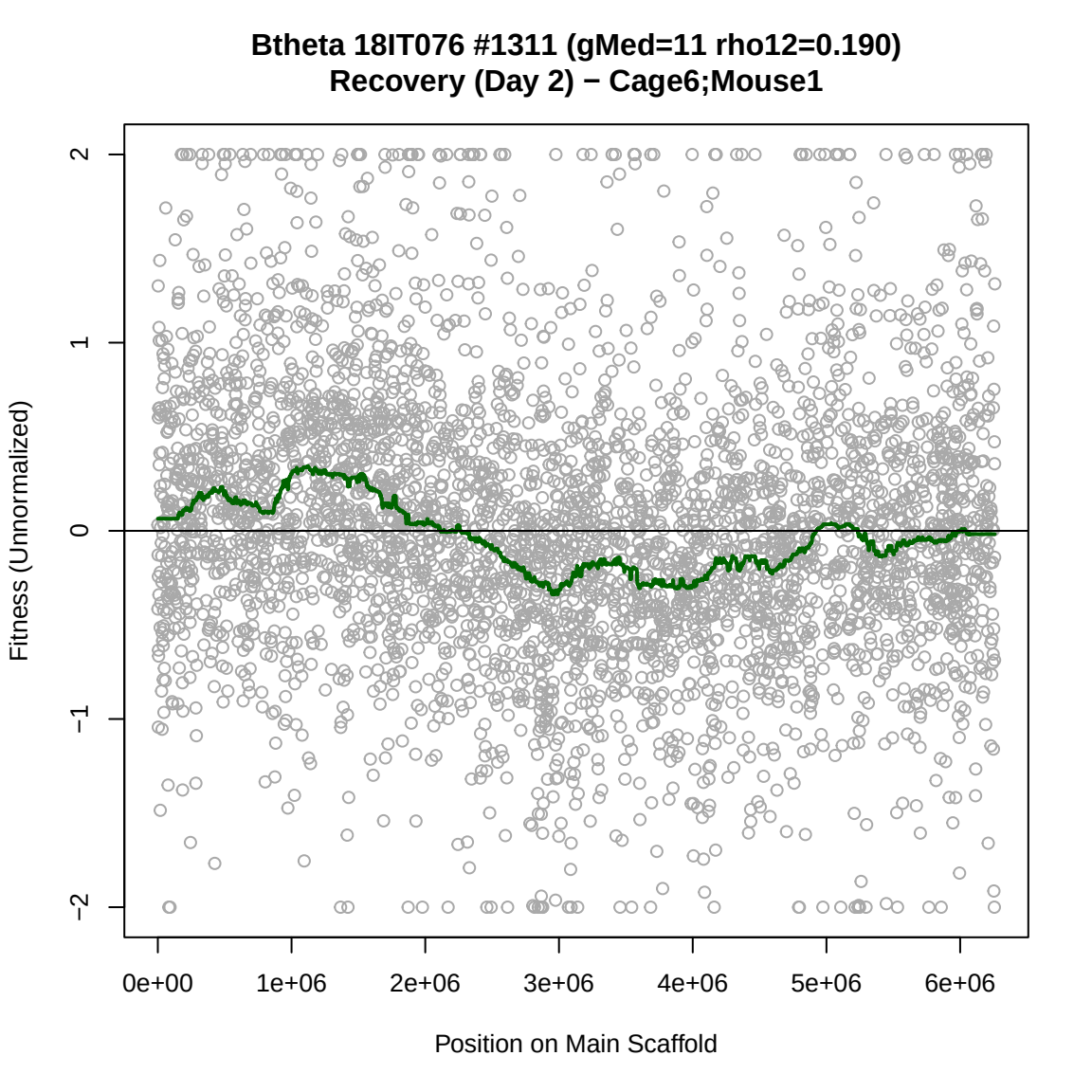

Btheta 18IT071 #1306 (gMed=45 rho12=0.272)
Recovery (Day 1) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

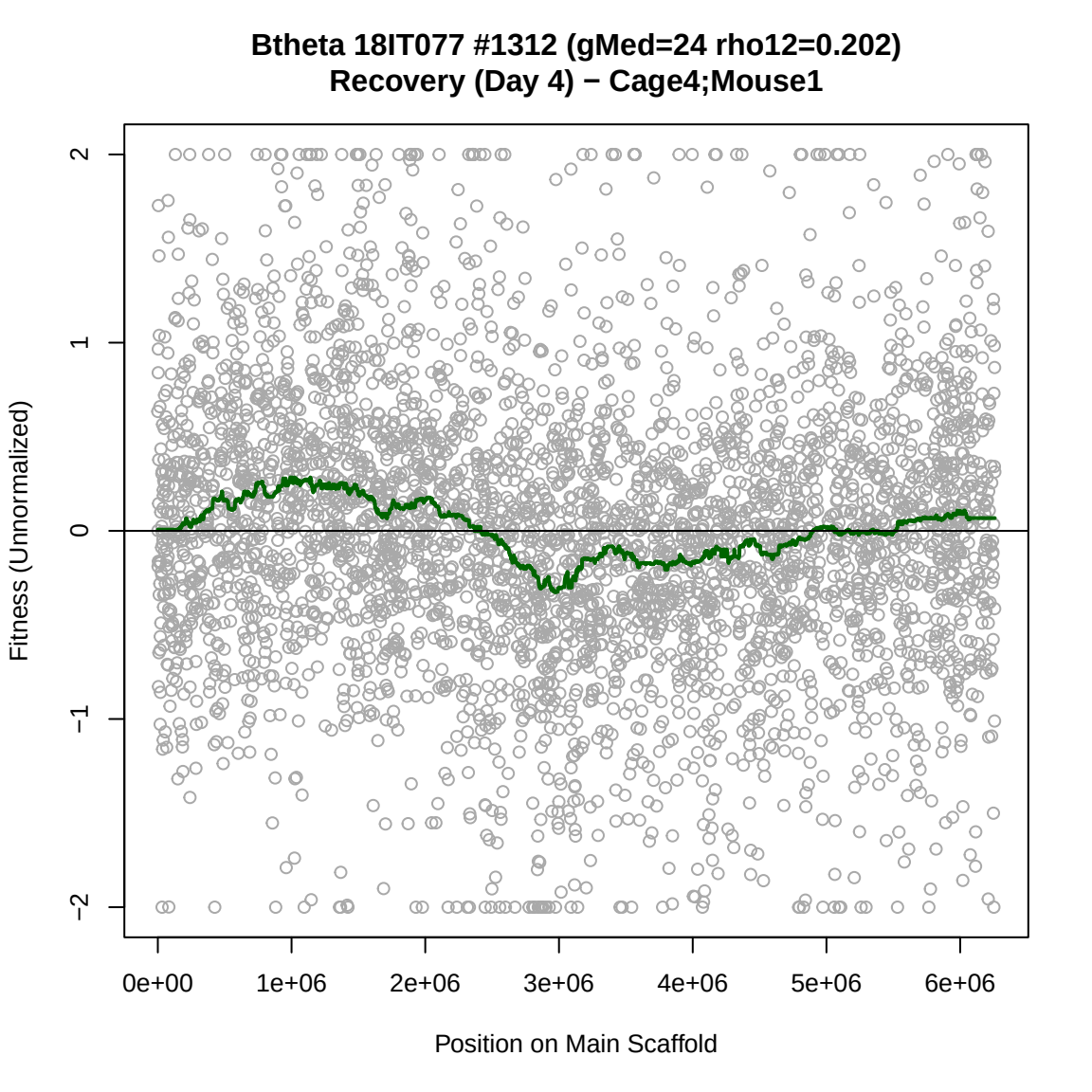

Btheta 18IT072 #1307 (gMed=4 rho12=0.137)
Recovery (Day 1) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

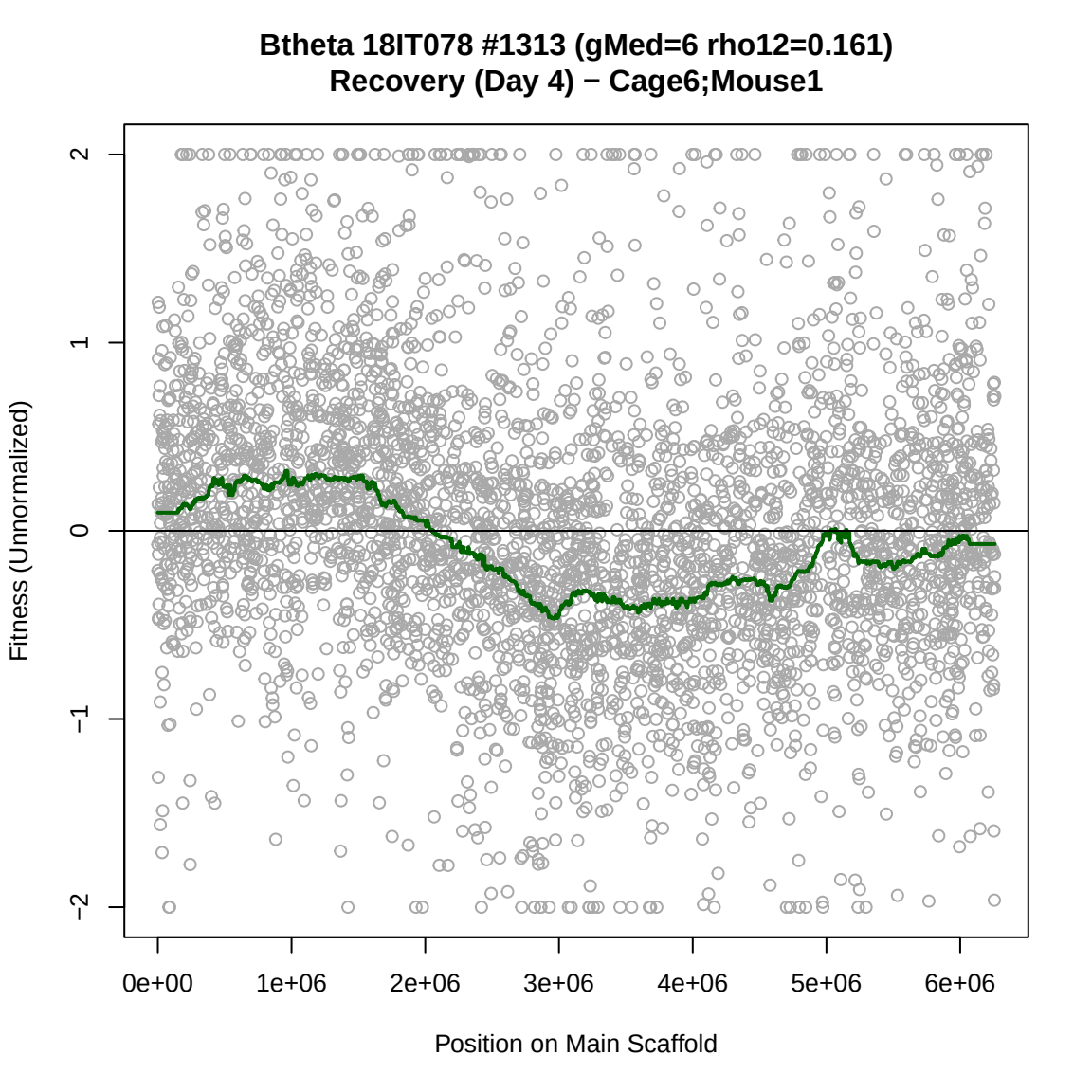

Btheta 18IT073 #1308 (gMed=9 rho12=0.104)
Recovery (Day 1) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

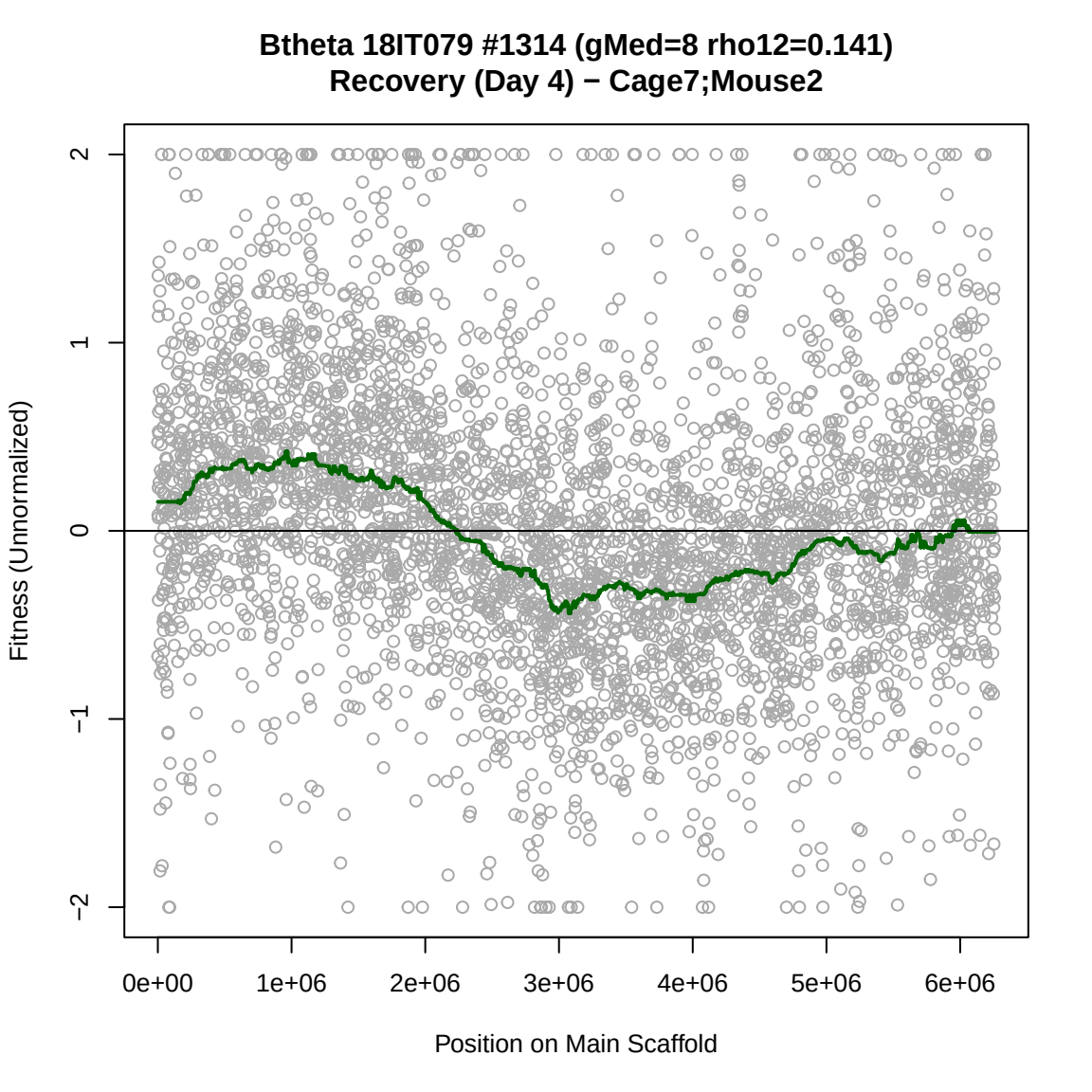

Btheta 18IT074 #1309 (gMed=22 rho12=0.194)
Recovery (Day 2) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

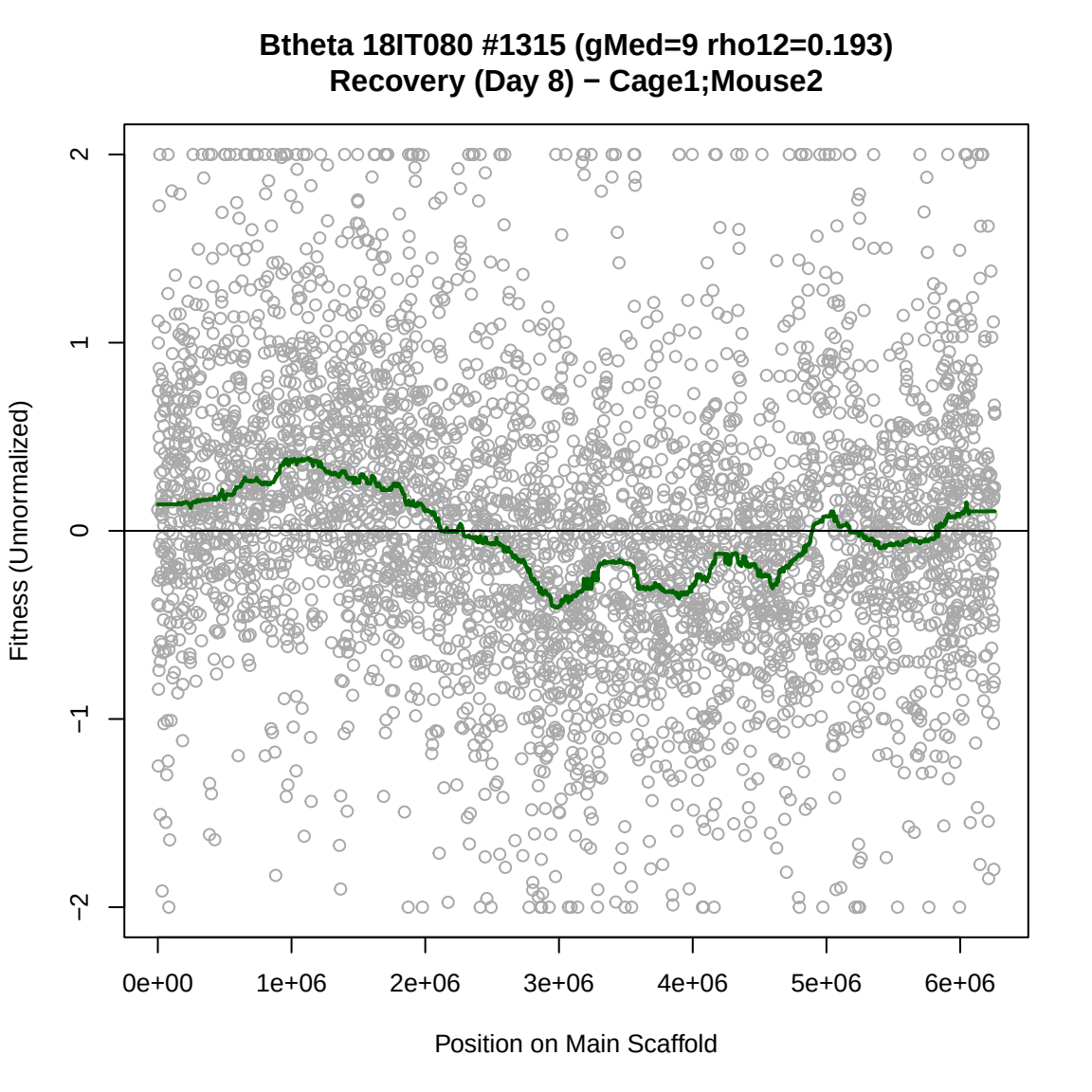

Btheta 18IT075 #1310 (gMed=154 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

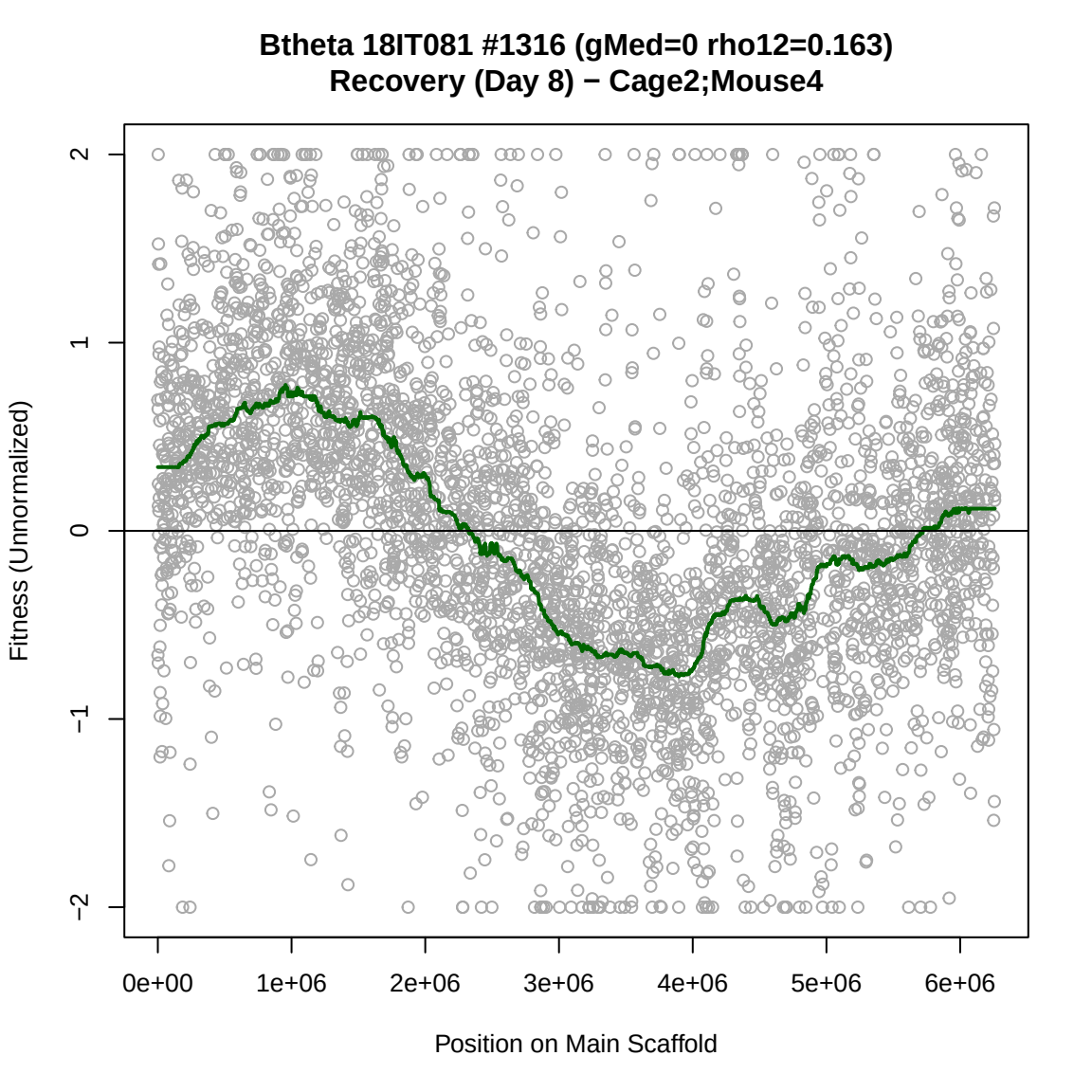

Btheta 18IT076 #1311 (gMed=11 rho12=0.190)
Recovery (Day 2) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

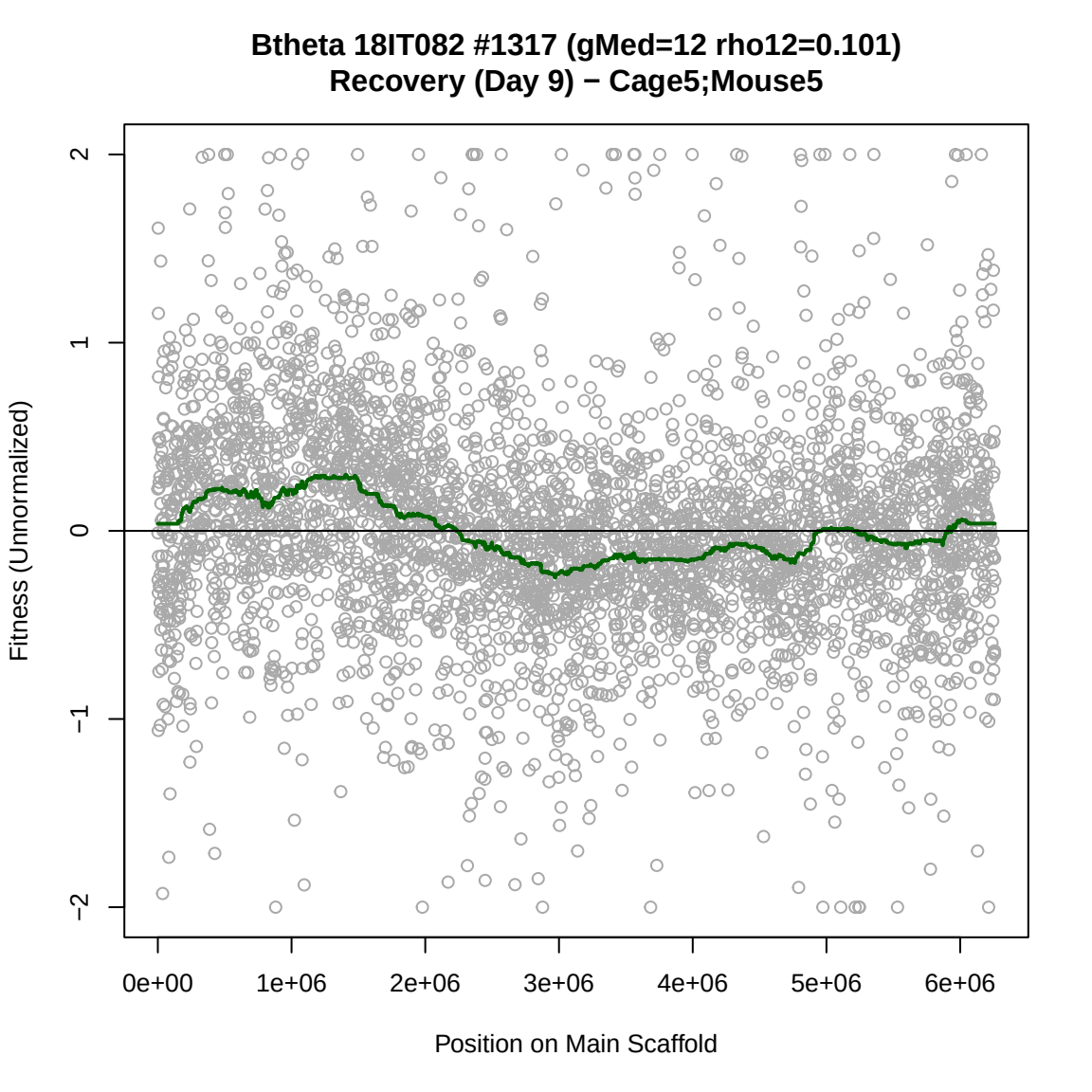

Btheta 18IT077 #1312 (gMed=24 rho12=0.202)
Recovery (Day 4) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

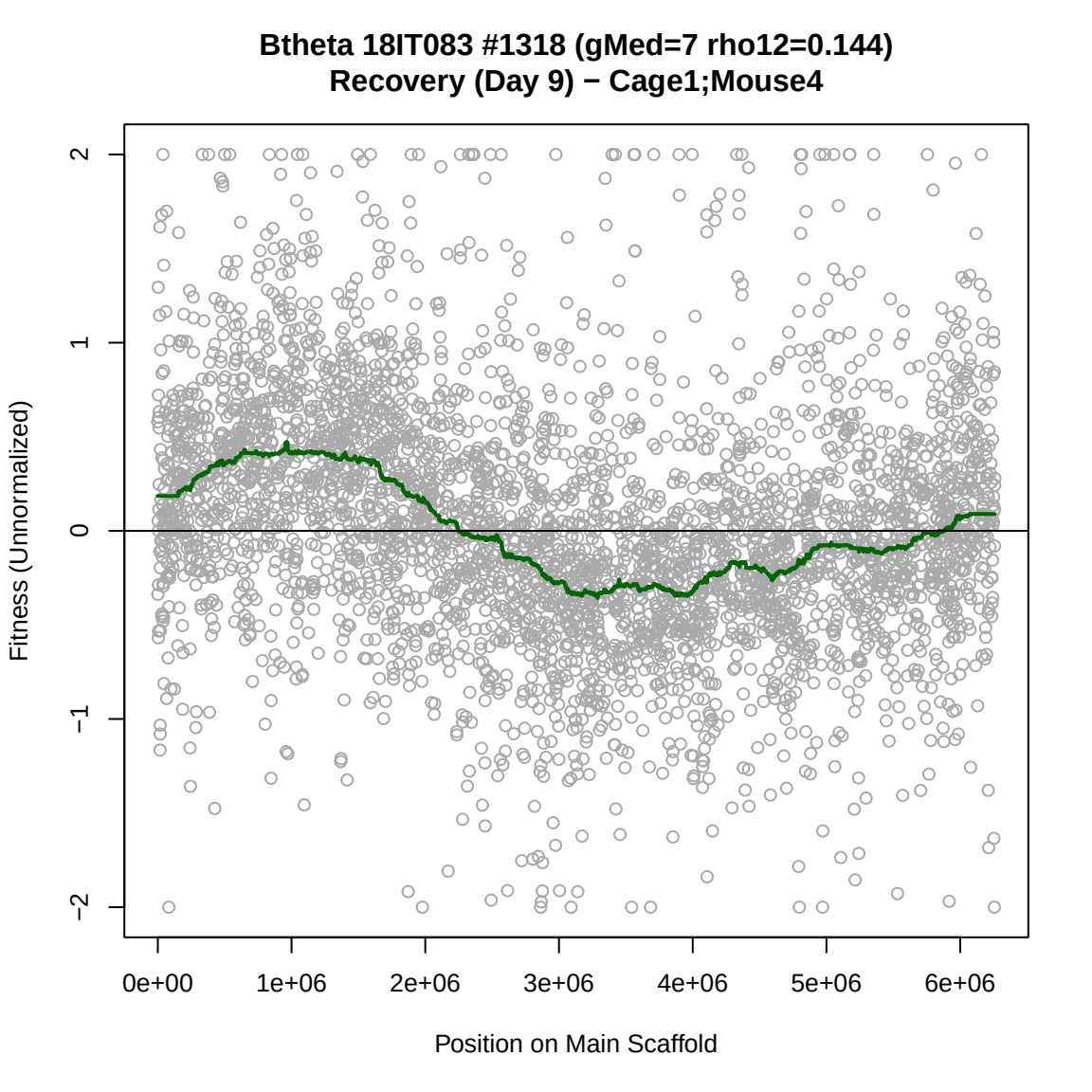

Btheta 18IT078 #1313 (gMed=6 rho12=0.161)
Recovery (Day 4) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

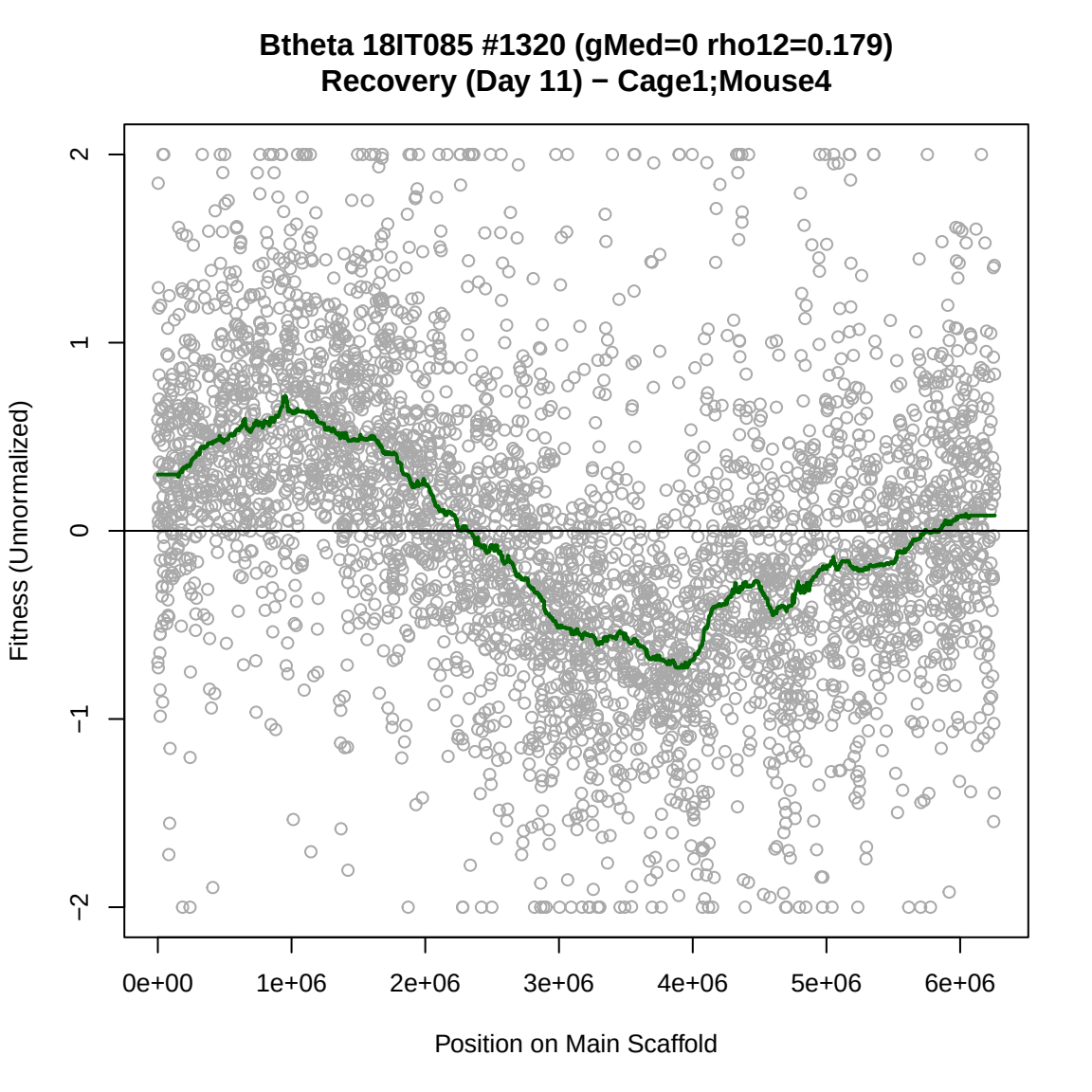

Btheta 18IT079 #1314 (gMed=8 rho12=0.141)
Recovery (Day 4) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

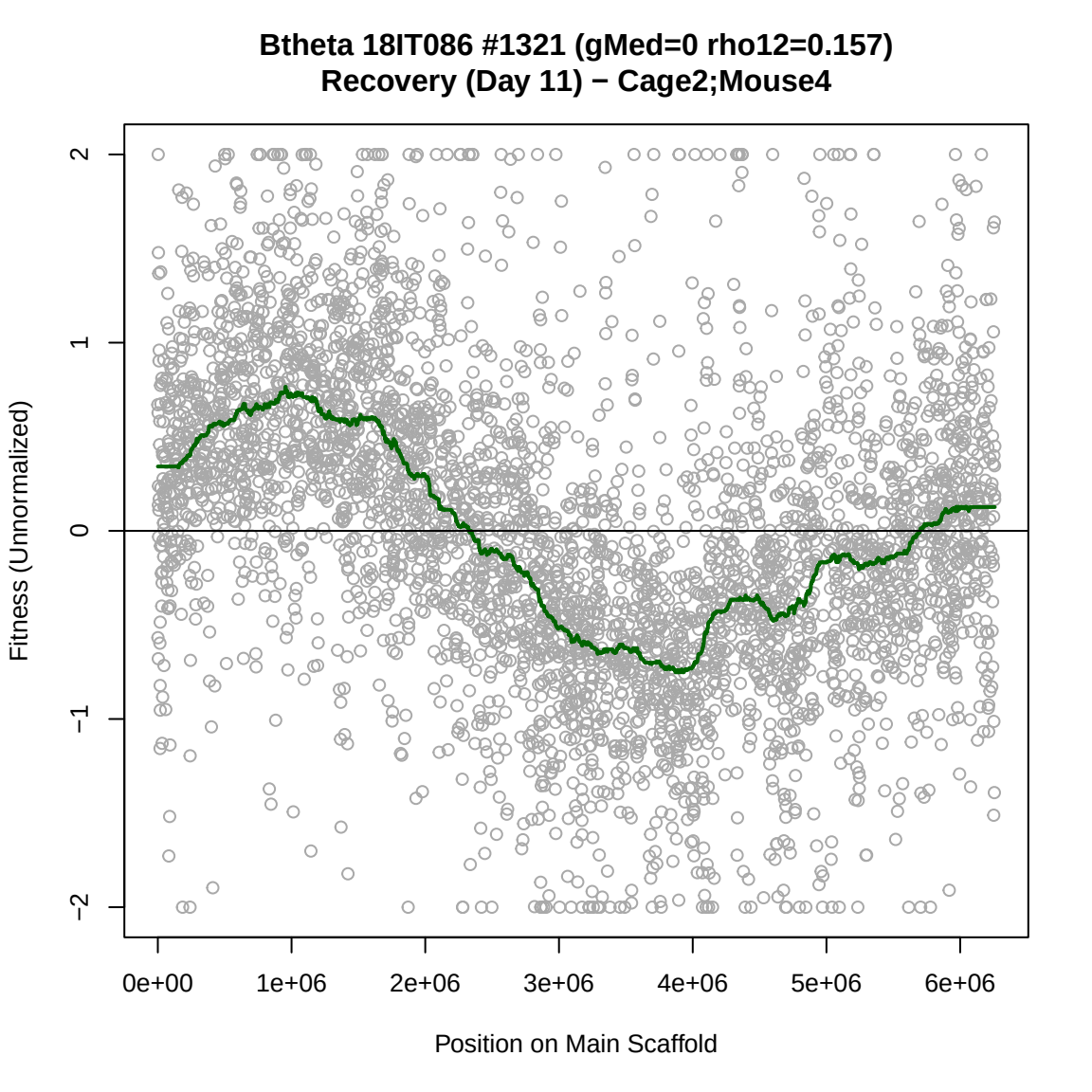

Btheta 18IT080 #1315 (gMed=9 rho12=0.193)
Recovery (Day 8) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

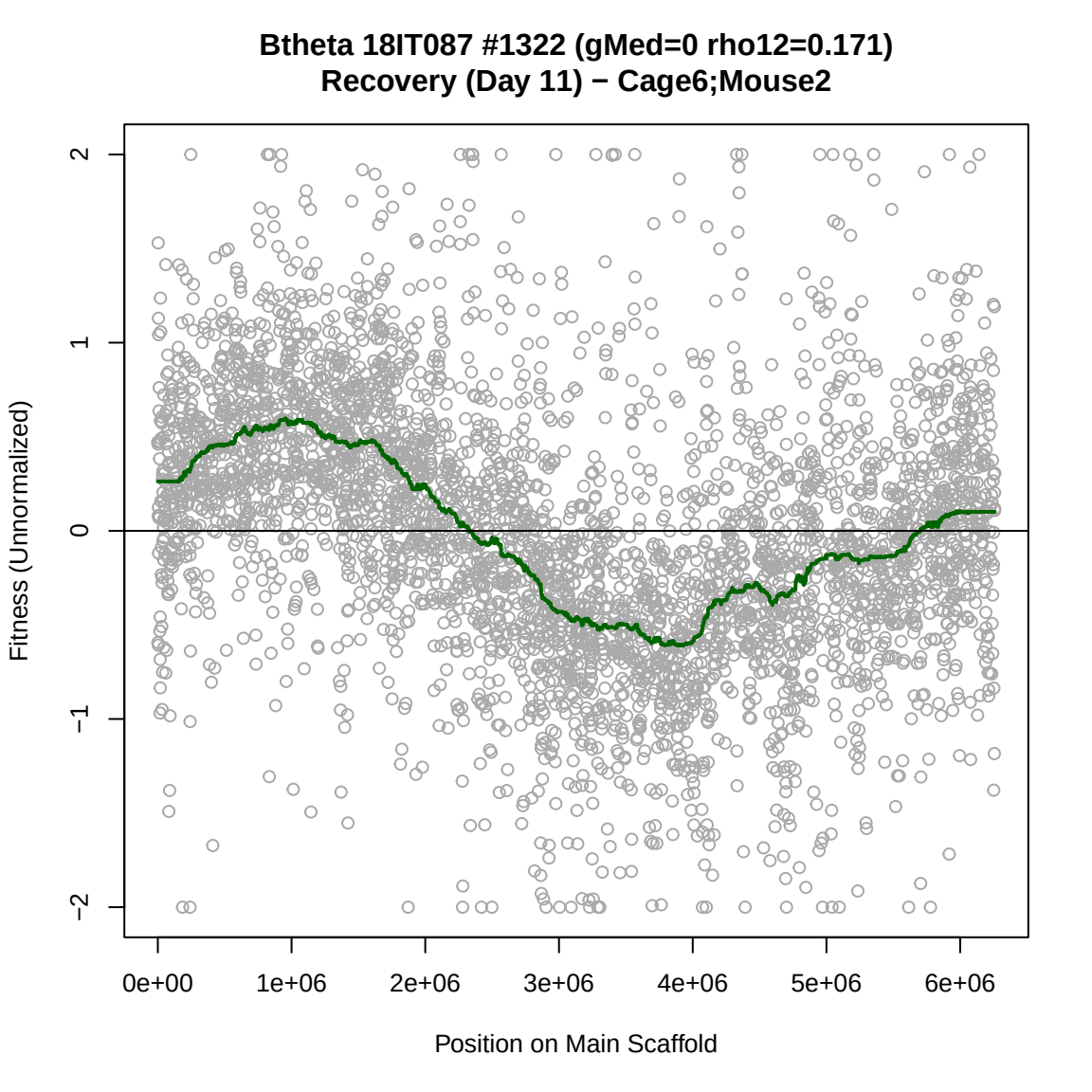

Btheta 18IT081 #1316 (gMed=0 rho12=0.163)
Recovery (Day 8) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

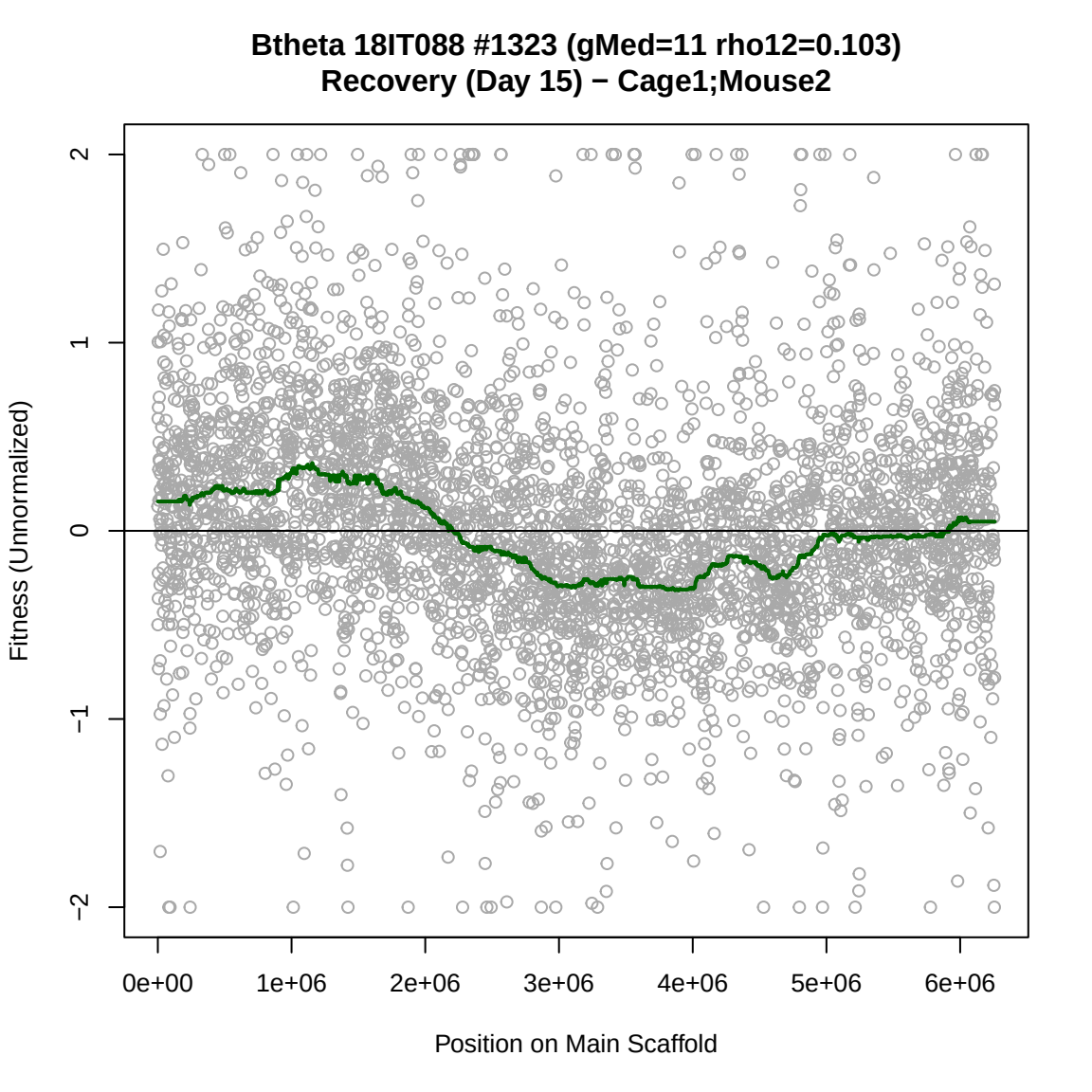

Btheta 18IT082 #1317 (gMed=12 rho12=0.101)
Recovery (Day 9) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

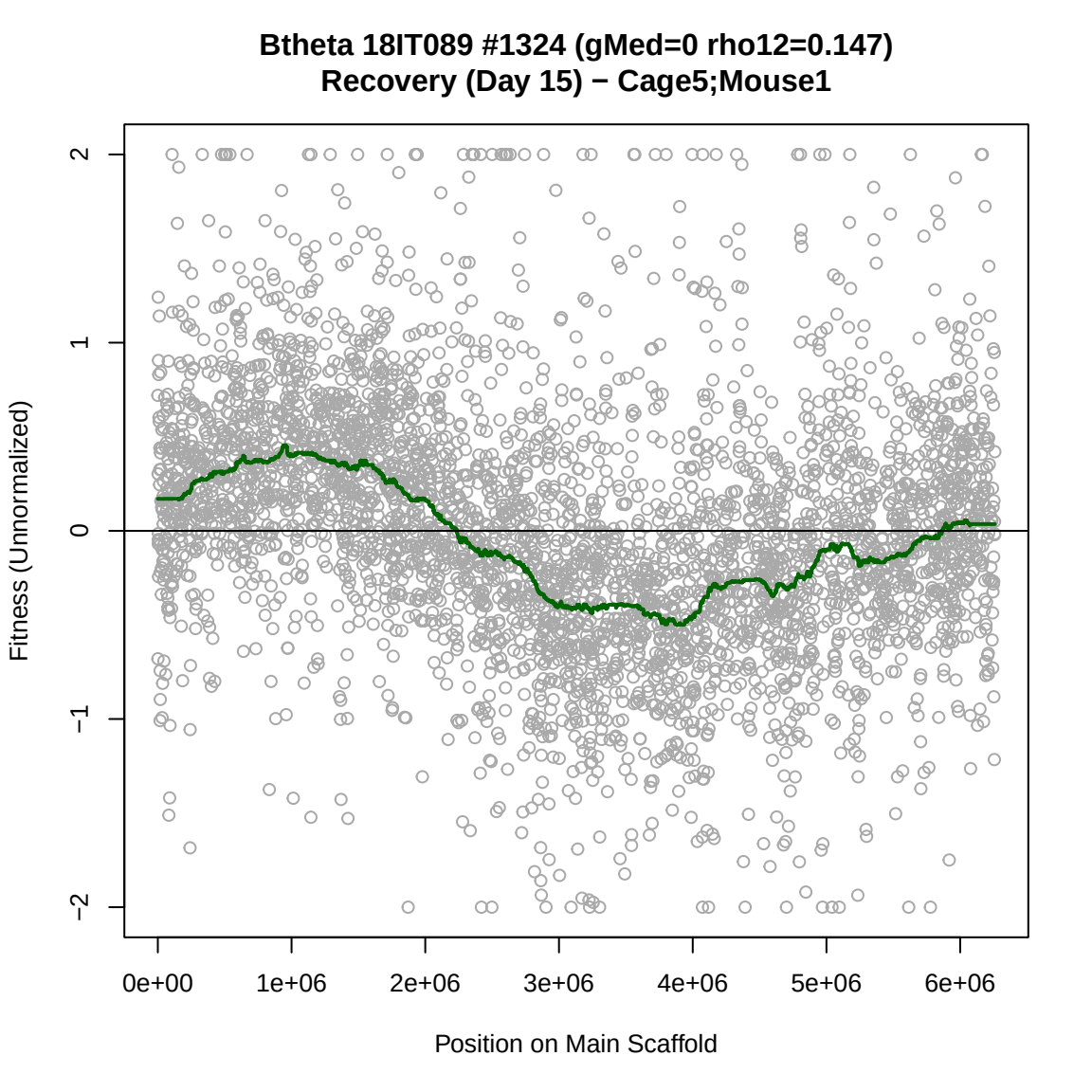

Btheta 18IT083 #1318 (gMed=7 rho12=0.144)
Recovery (Day 9) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

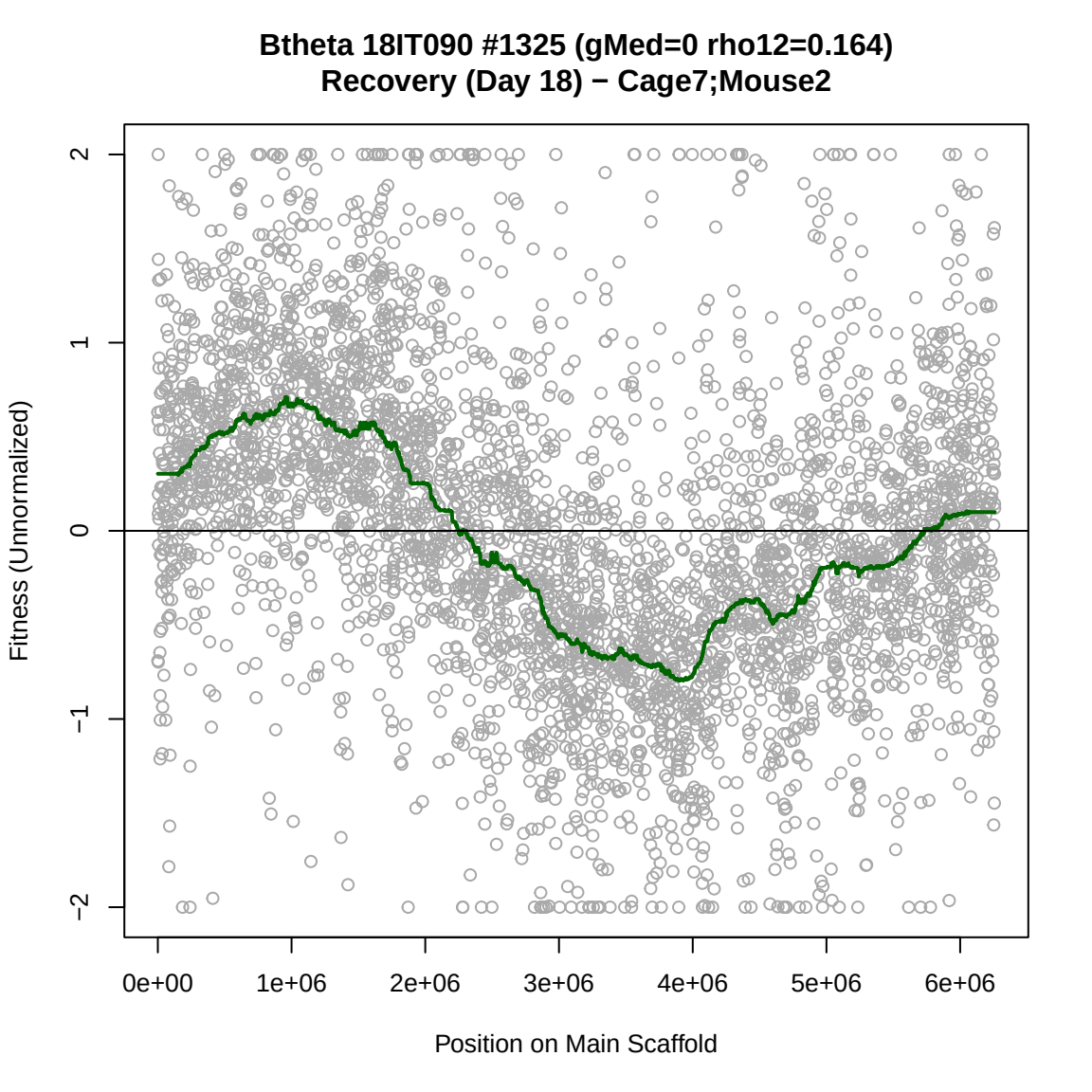

Btheta 18IT085 #1320 (gMed=0 rho12=0.179)
Recovery (Day 11) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

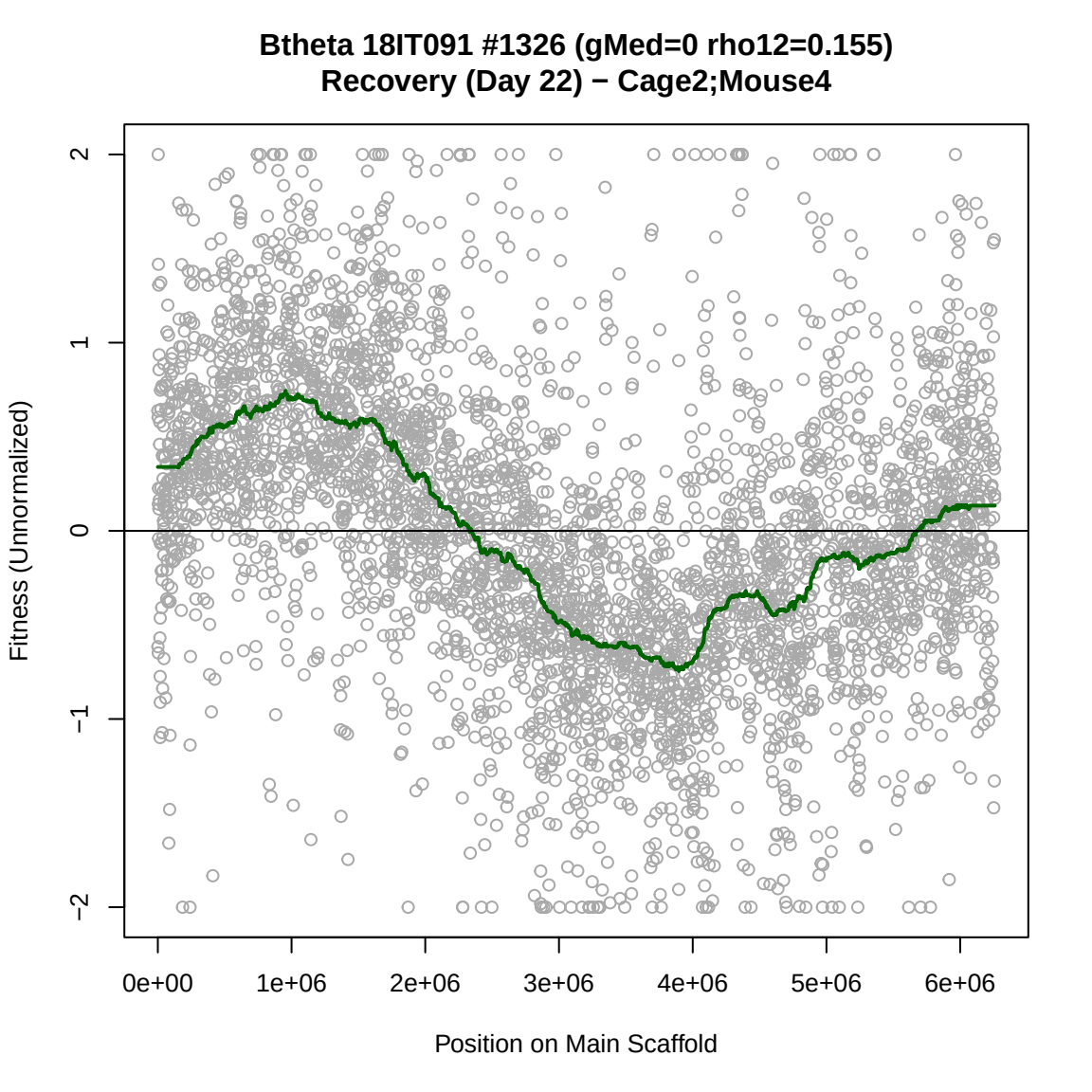

Btheta 18IT086 #1321 (gMed=0 rho12=0.157)
Recovery (Day 11) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

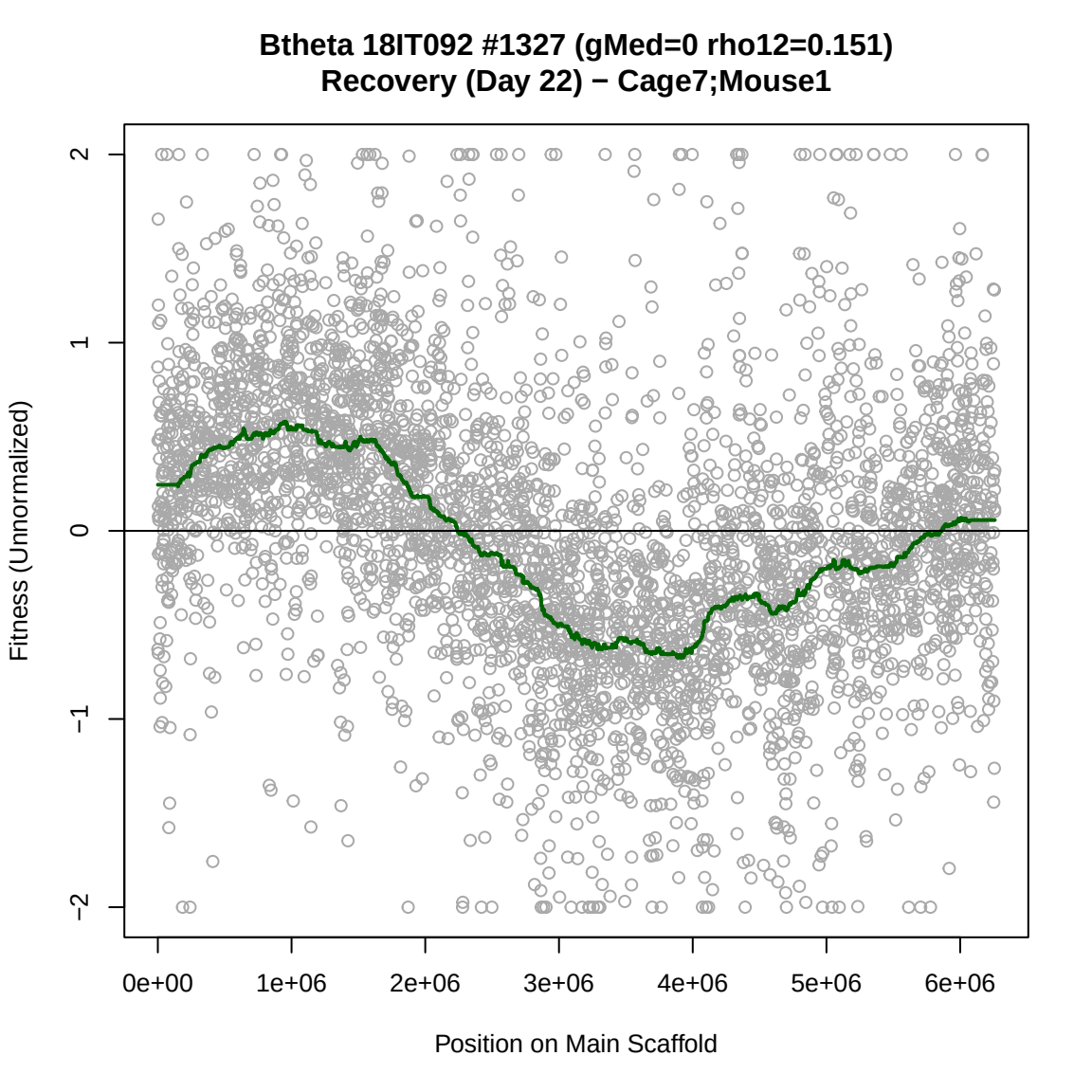

Btheta 18IT087 #1322 (gMed=0 rho12=0.171)
Recovery (Day 11) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

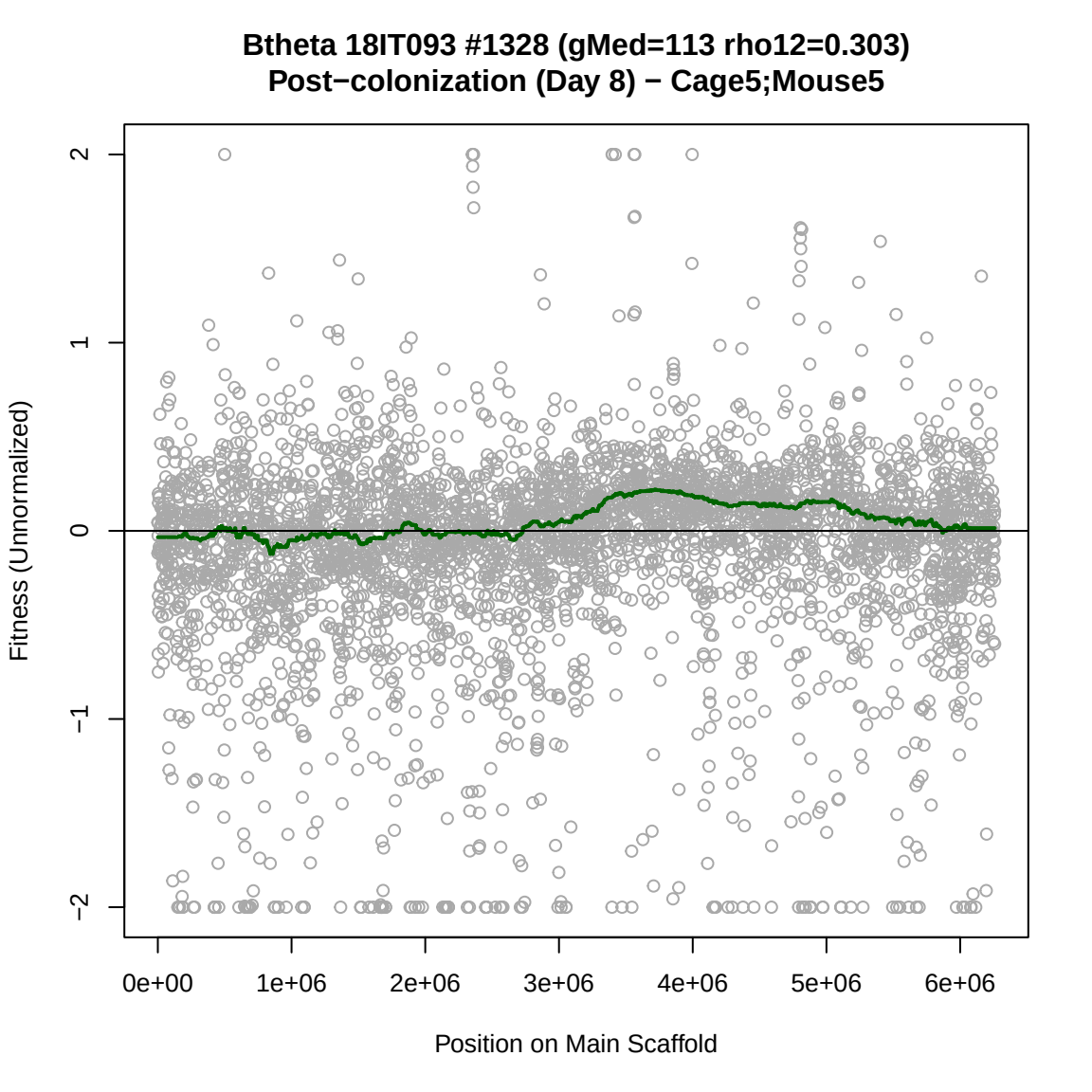

Btheta 18IT088 #1323 (gMed=11 rho12=0.103)
Recovery (Day 15) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

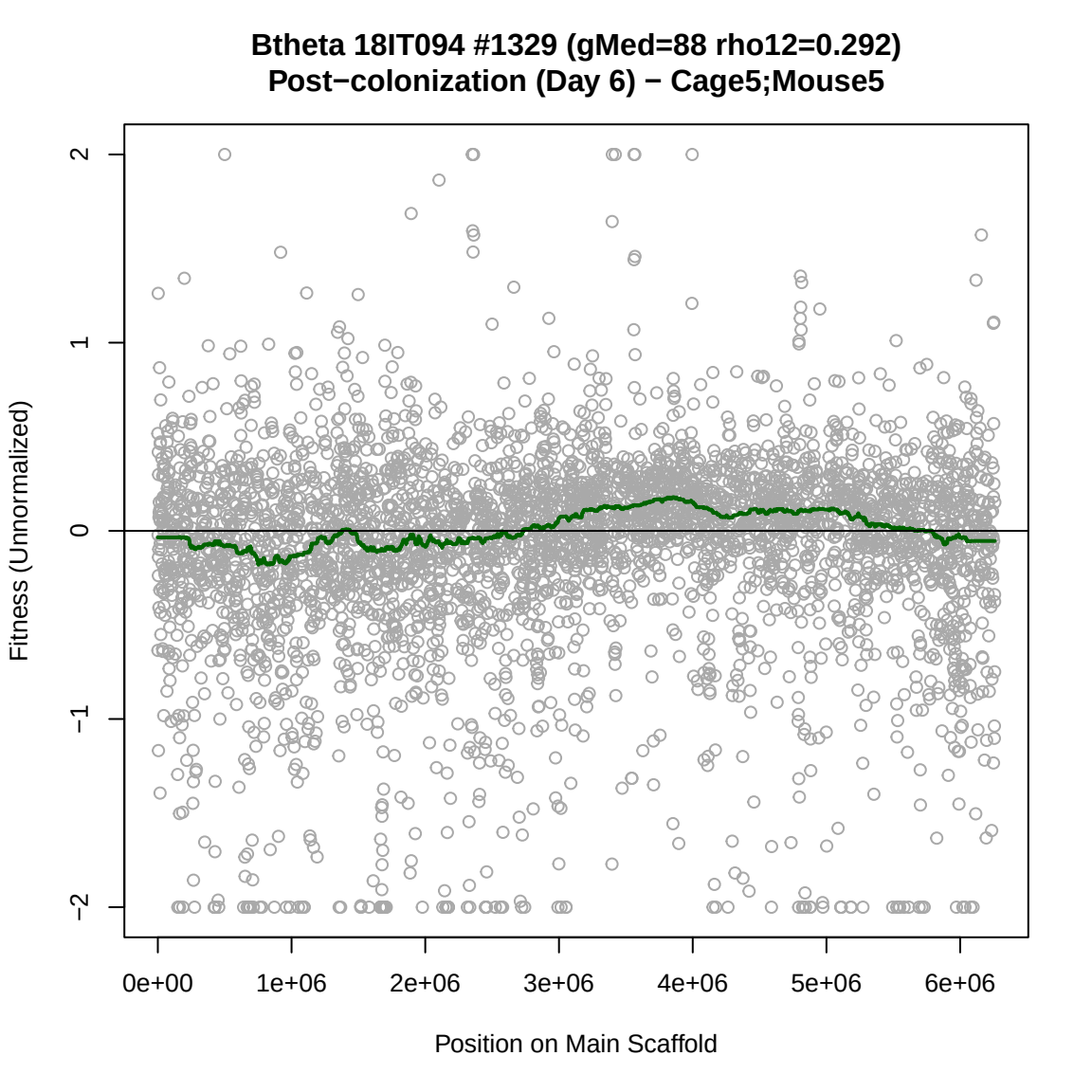

Btheta 18IT089 #1324 (gMed=0 rho12=0.147)
Recovery (Day 15) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

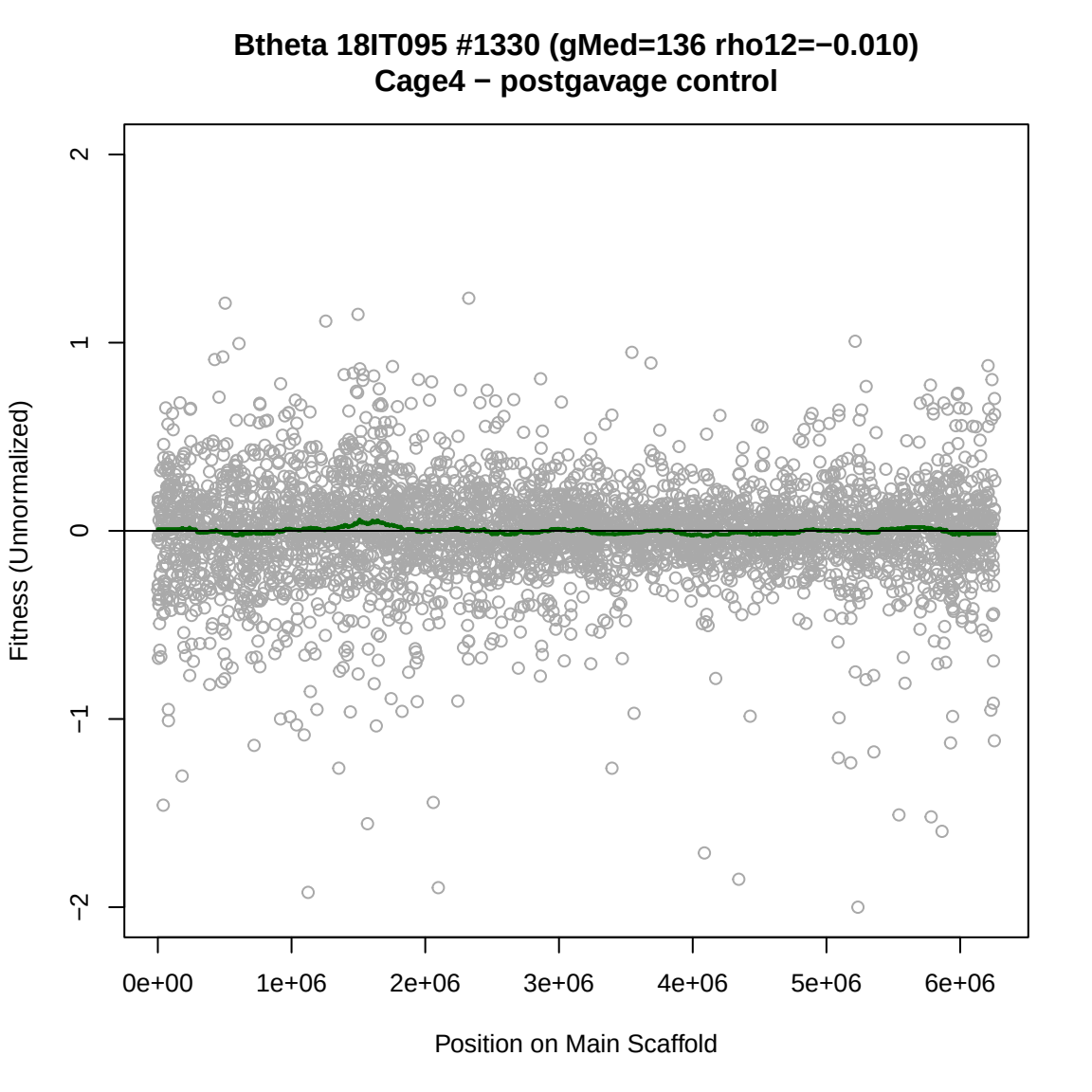

Btheta 18IT090 #1325 (gMed=0 rho12=0.164)
Recovery (Day 18) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

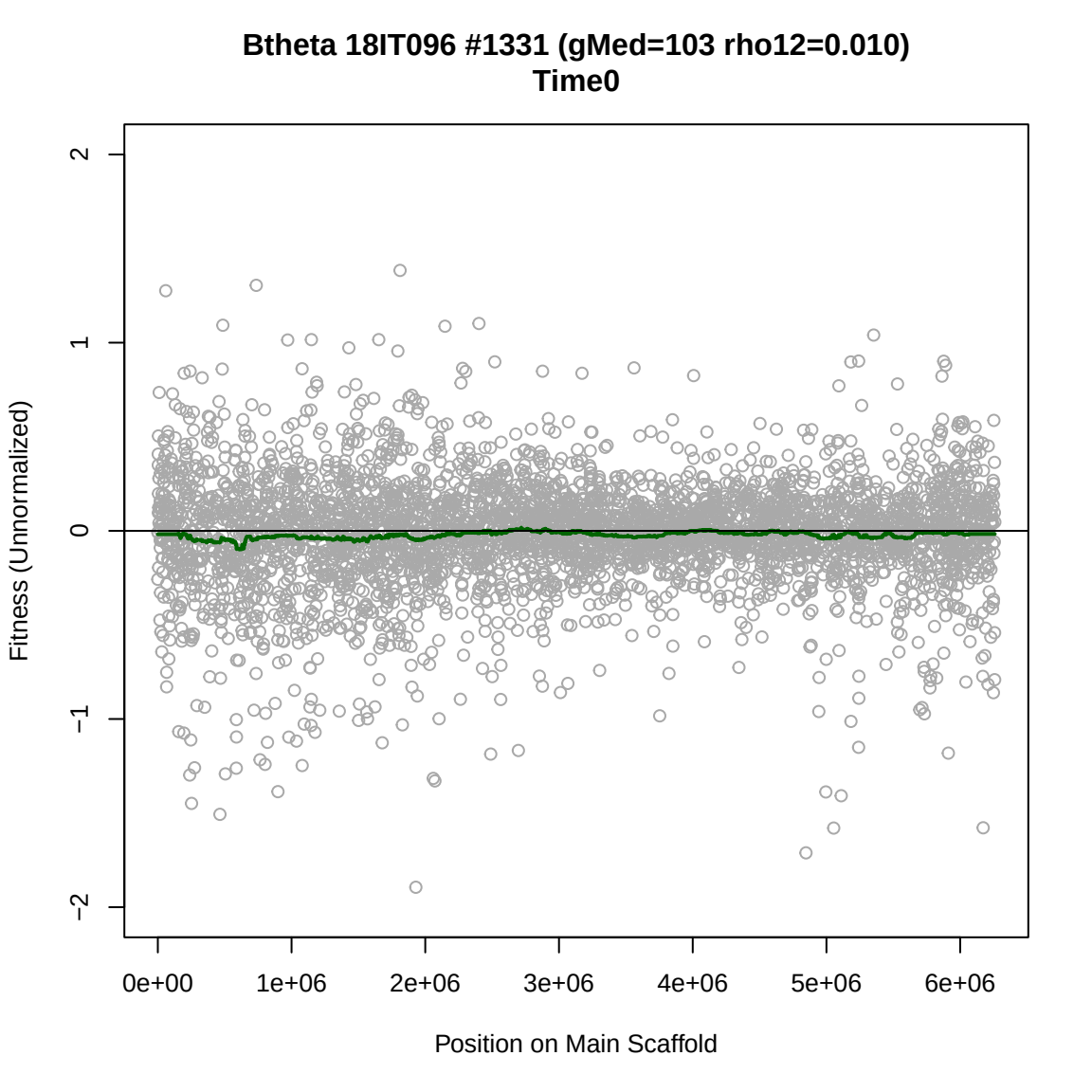

Btheta 18IT091 #1326 (gMed=0 rho12=0.155)
Recovery (Day 22) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

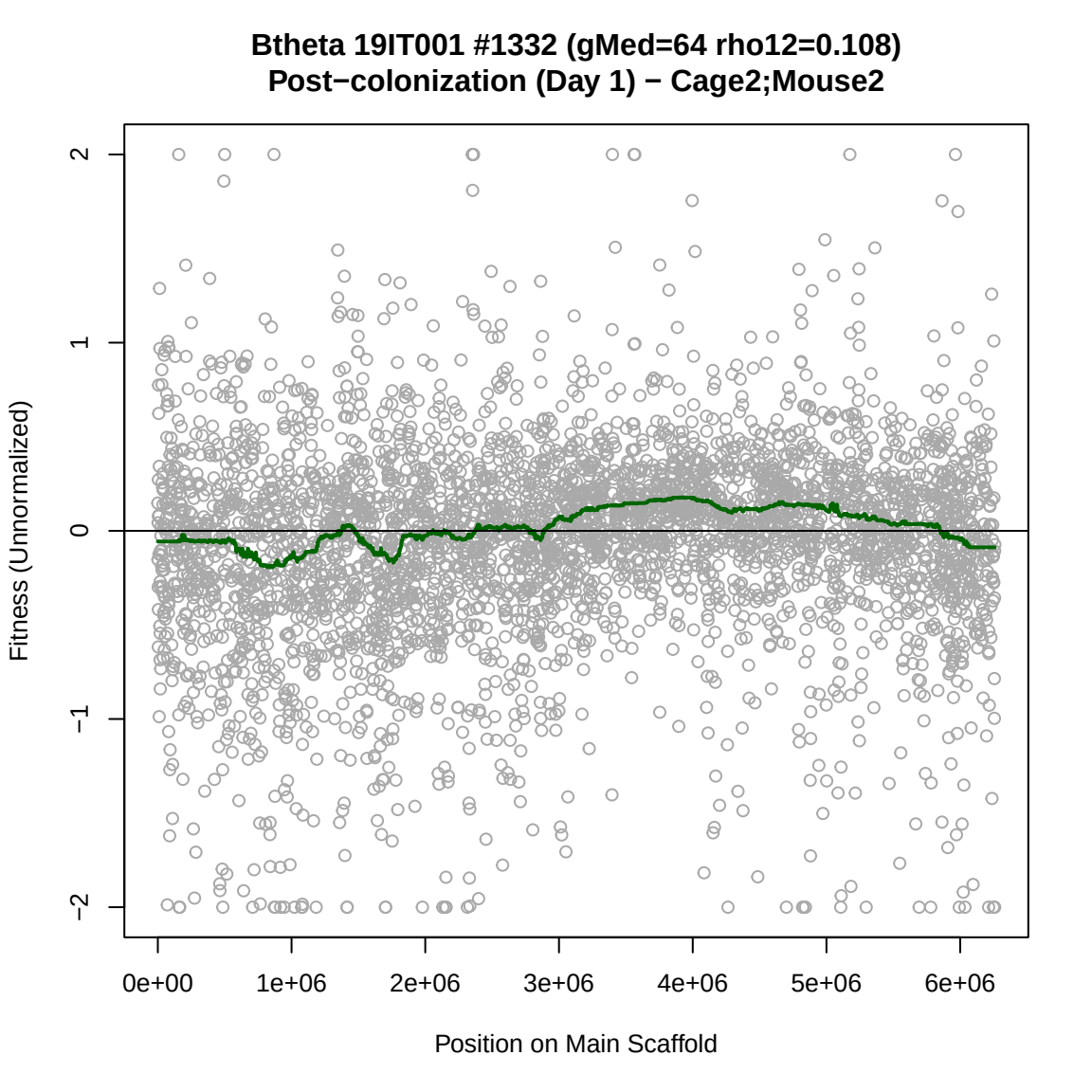

Btheta 18IT092 #1327 (gMed=0 rho12=0.151)
Recovery (Day 22) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

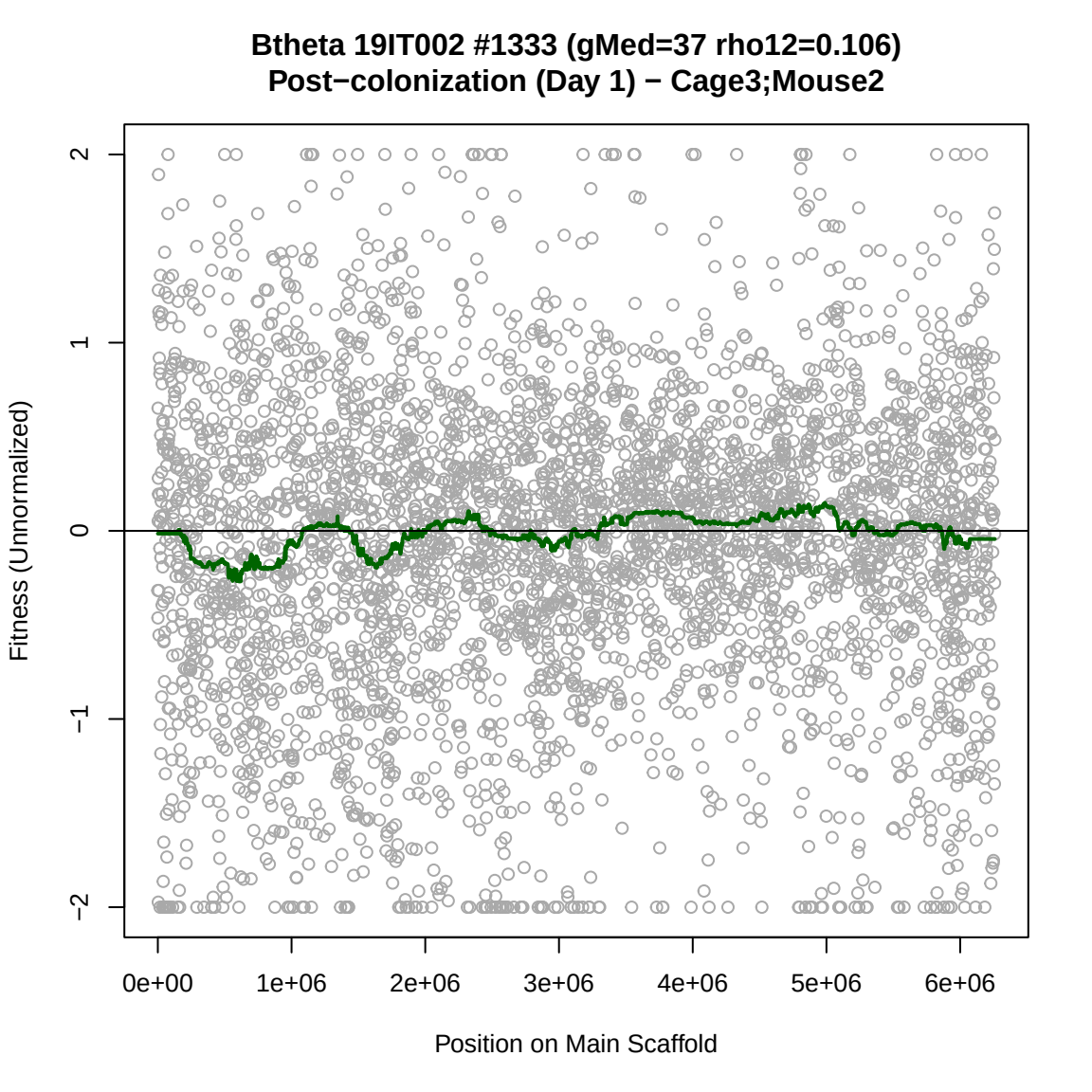

Btheta 18IT093 #1328 (gMed=113 rho12=0.303)
Post−colonization (Day 8) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

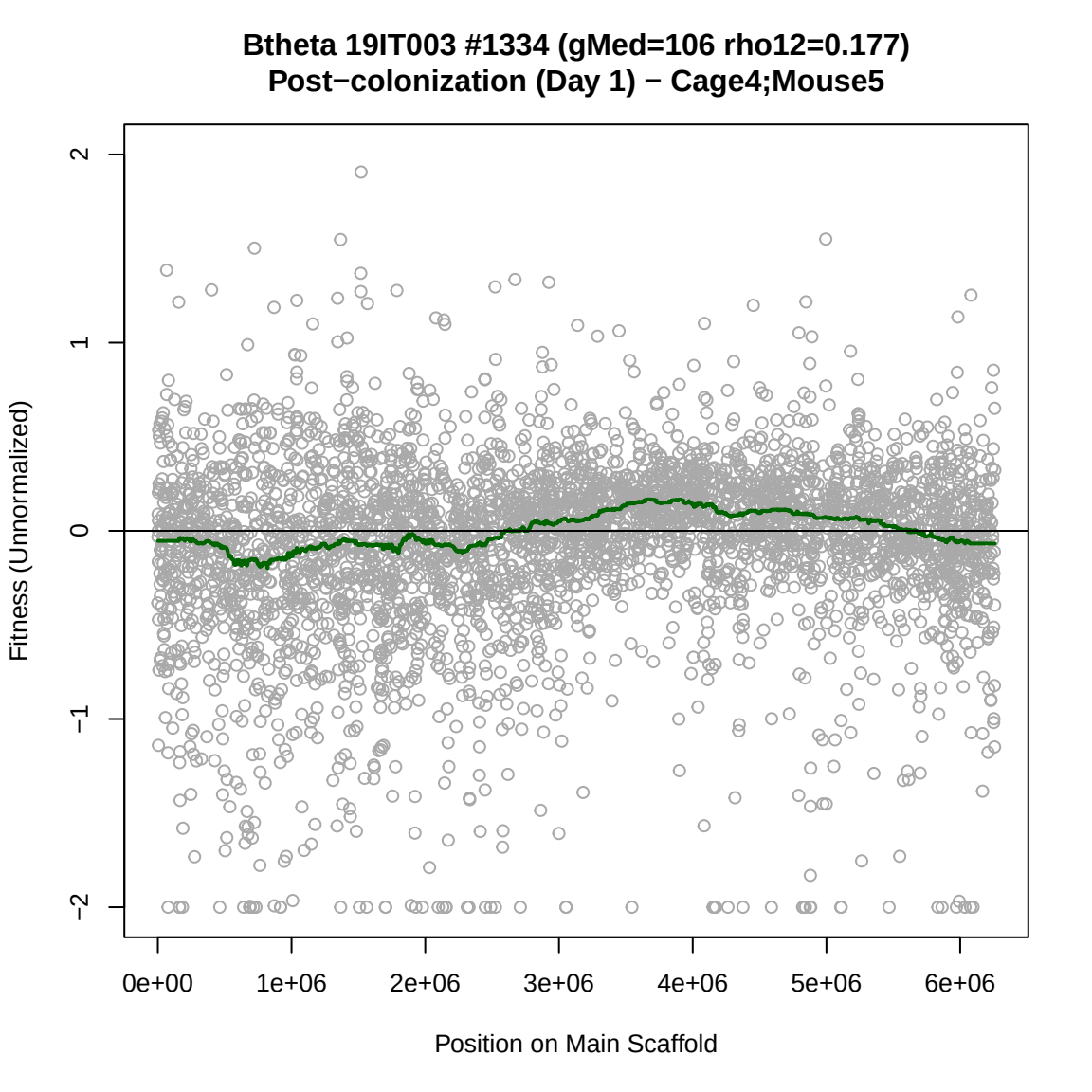

Btheta 18IT094 #1329 (gMed=88 rho12=0.292)
Post−colonization (Day 6) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

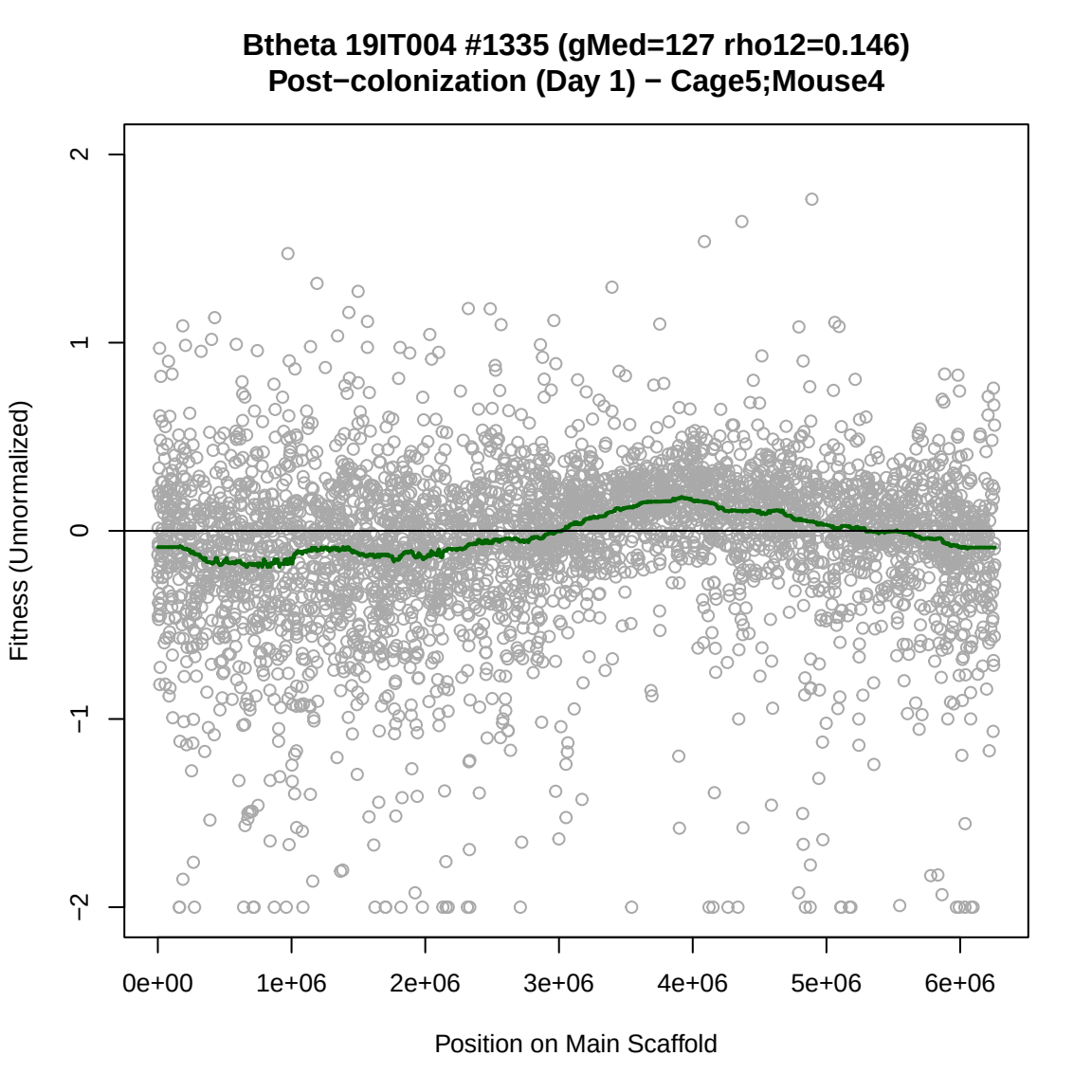

Btheta 18IT095 #1330 (gMed=136 rho12=−0.010)
Cage4 − postgavage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

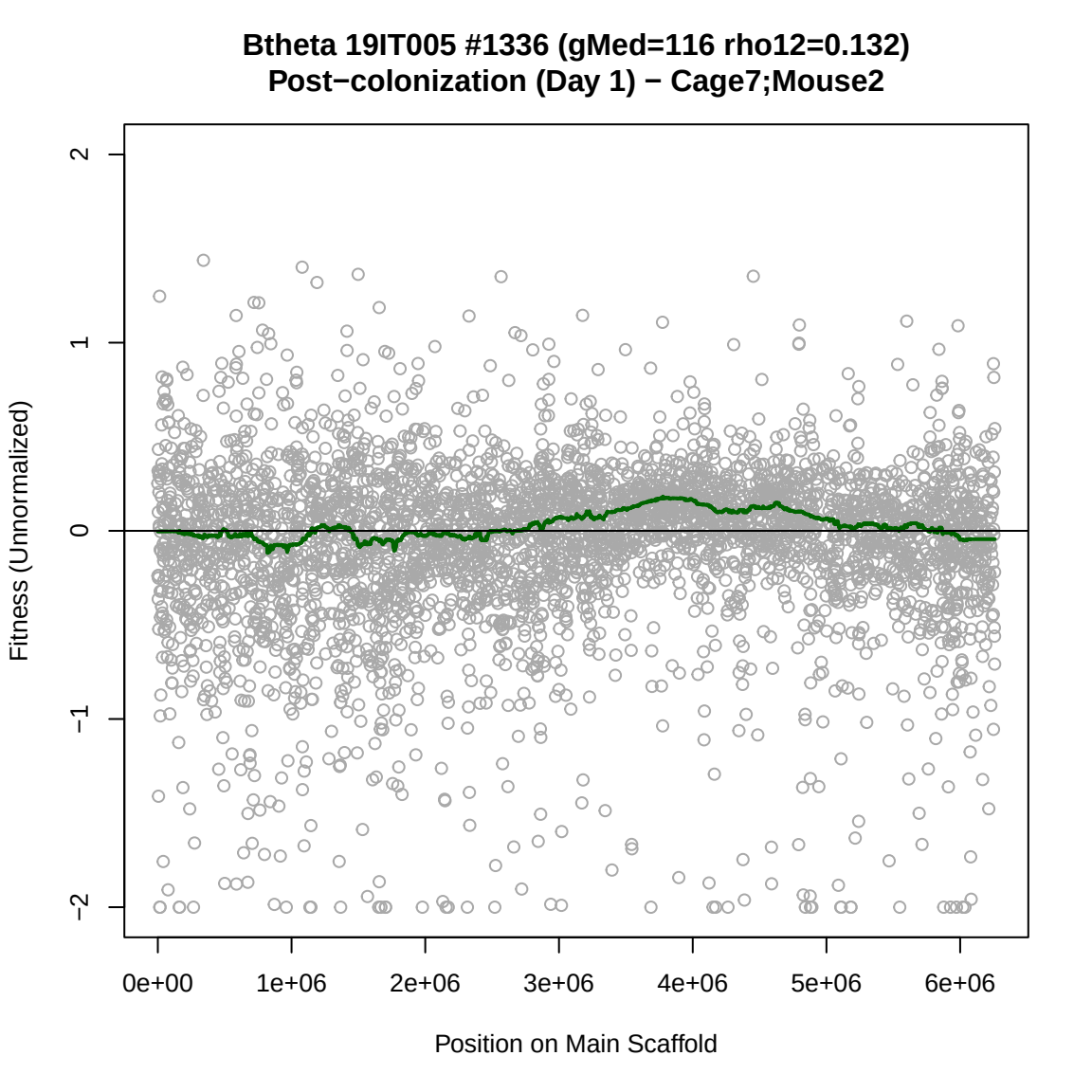

Btheta 18IT096 #1331 (gMed=103 rho12=0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

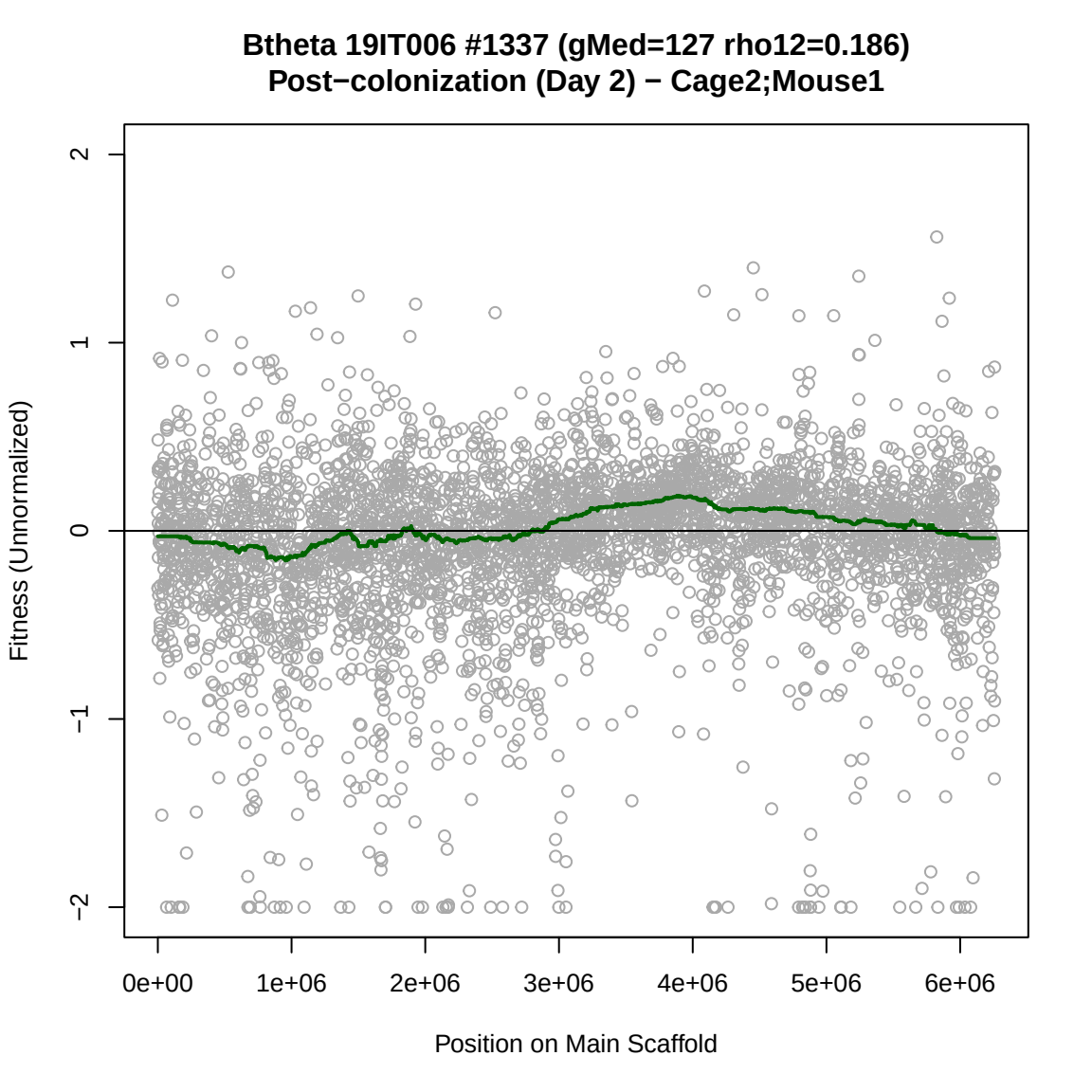

Btheta 19IT001 #1332 (gMed=64 rho12=0.108)
Post−colonization (Day 1) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

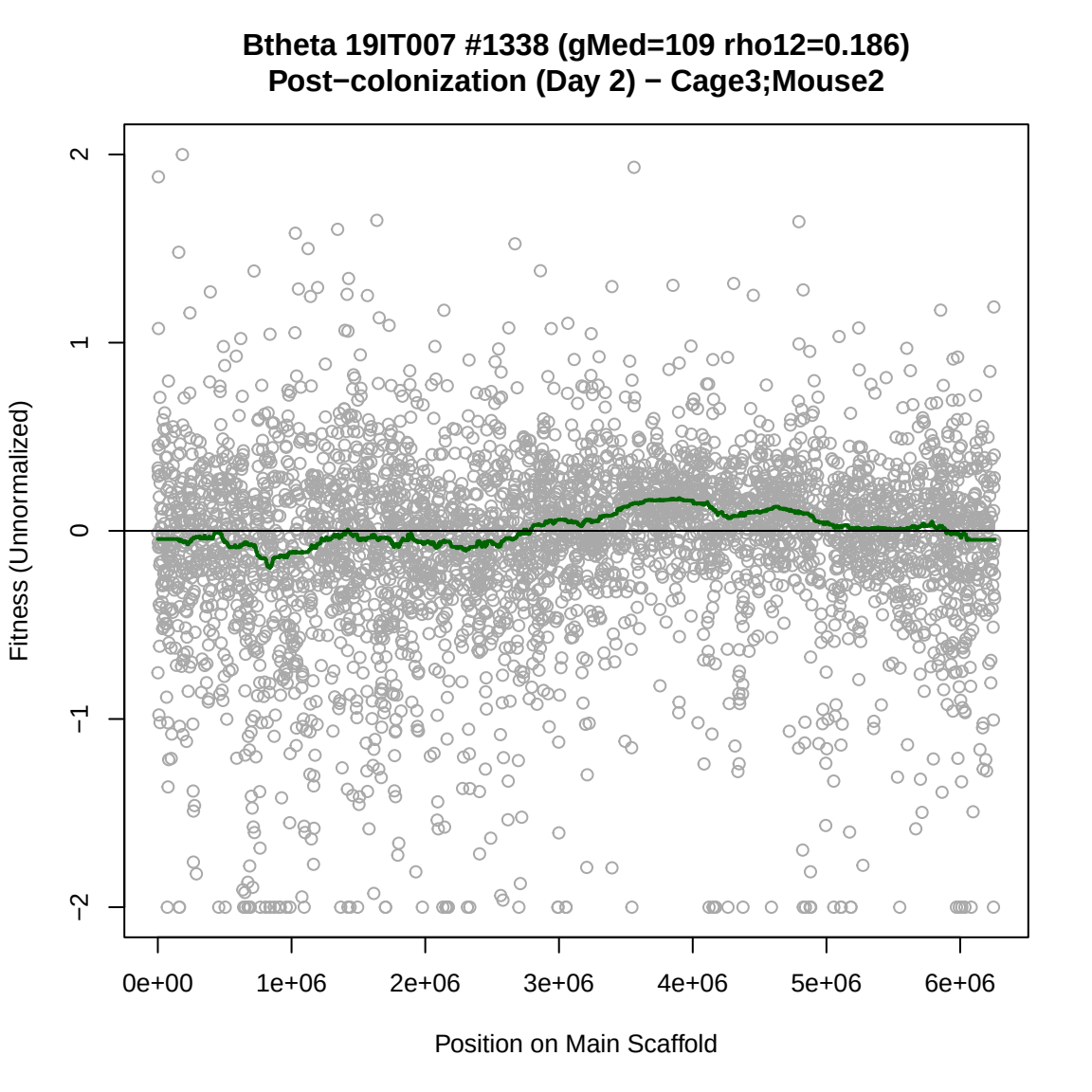

Btheta 19IT002 #1333 (gMed=37 rho12=0.106)
Post−colonization (Day 1) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

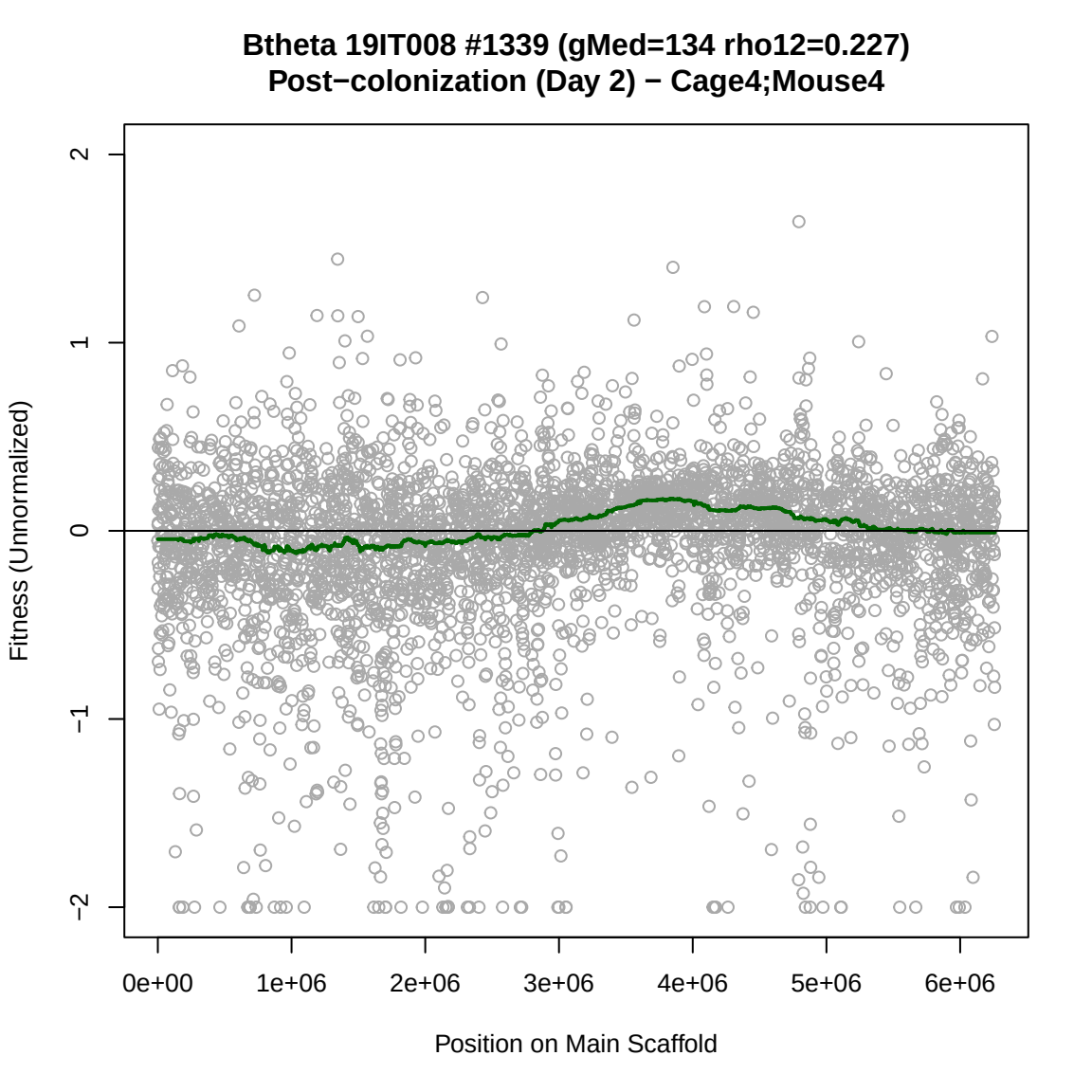

Btheta 19IT003 #1334 (gMed=106 rho12=0.177)
Post−colonization (Day 1) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

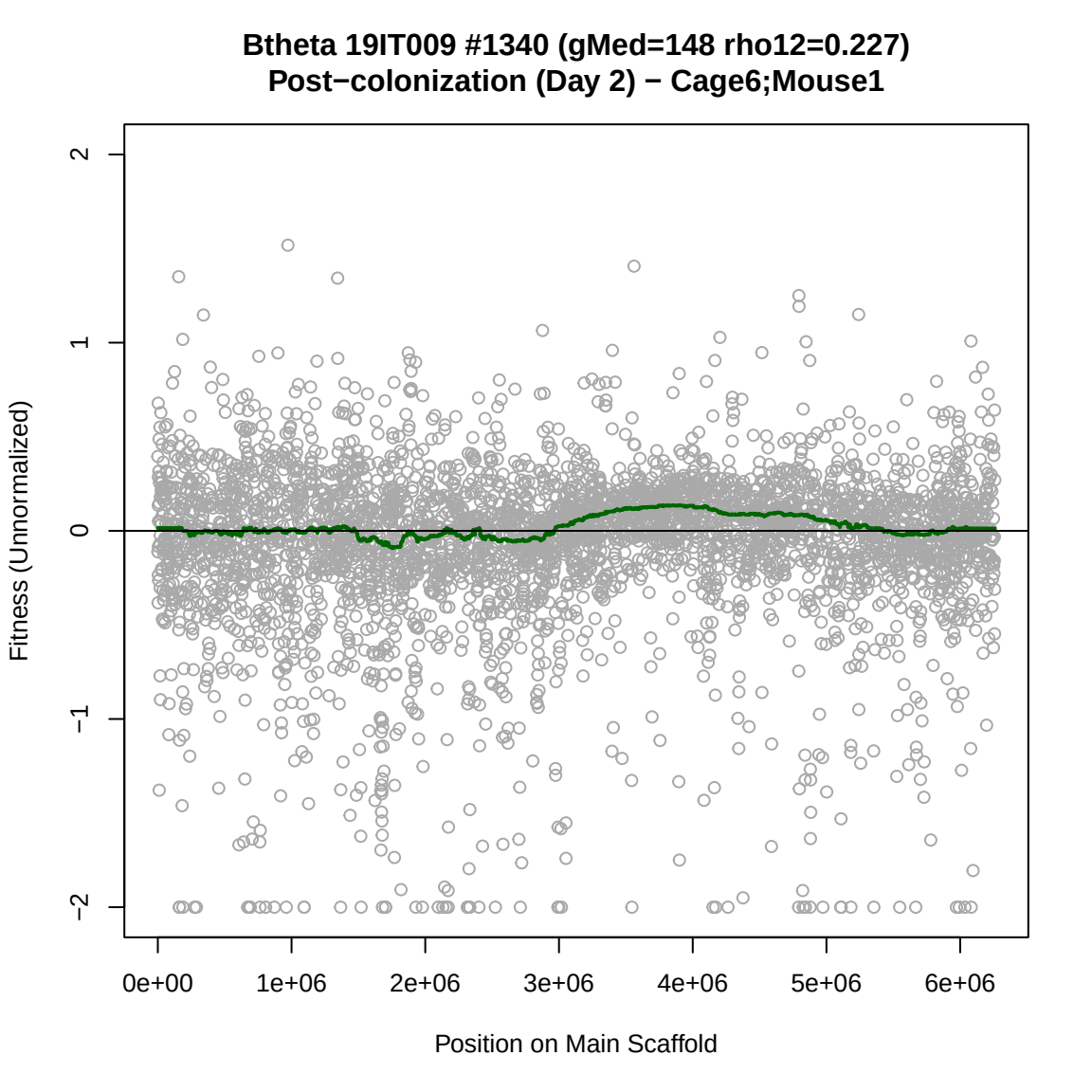

Btheta 19IT004 #1335 (gMed=127 rho12=0.146)
Post−colonization (Day 1) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

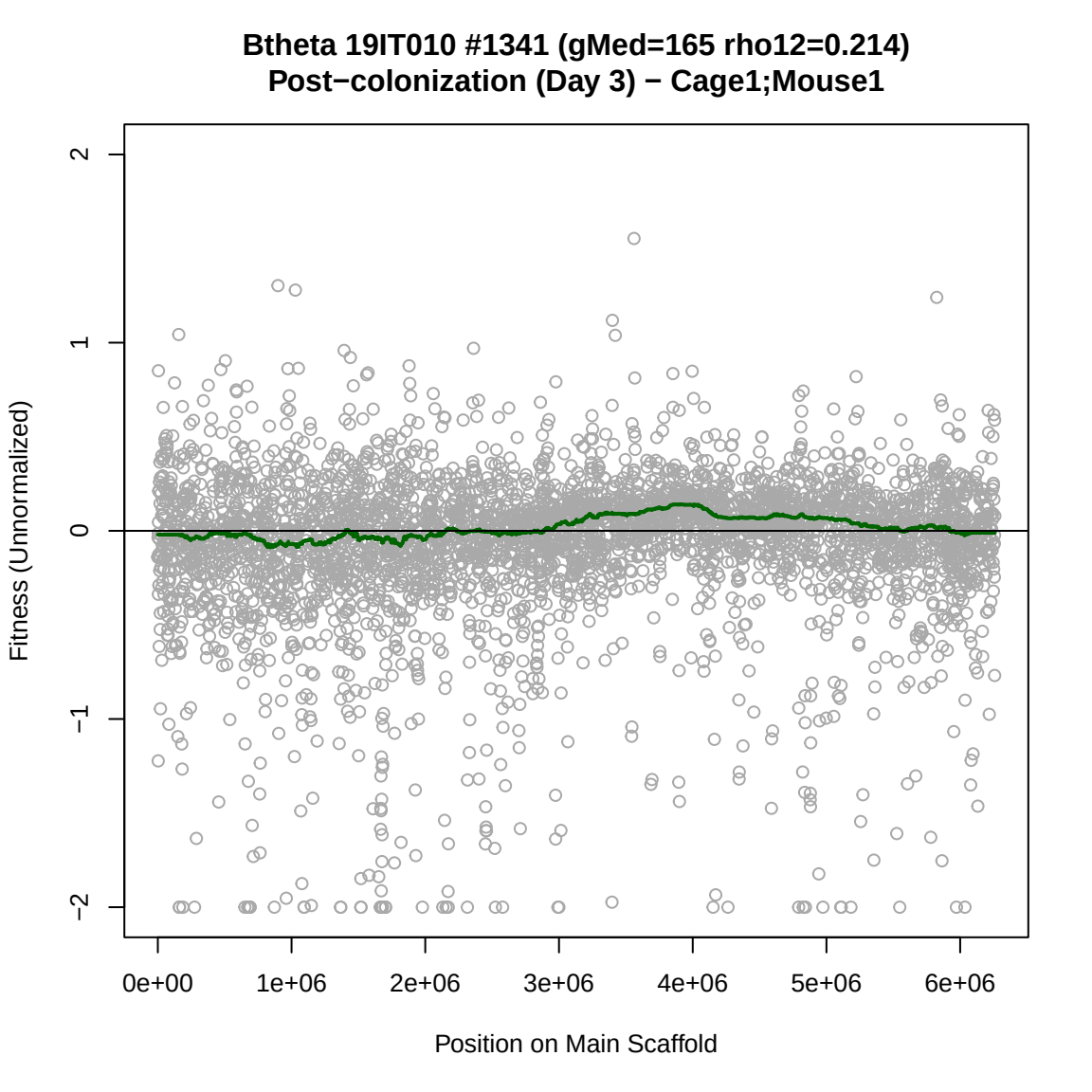

Btheta 19IT005 #1336 (gMed=116 rho12=0.132)
Post−colonization (Day 1) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

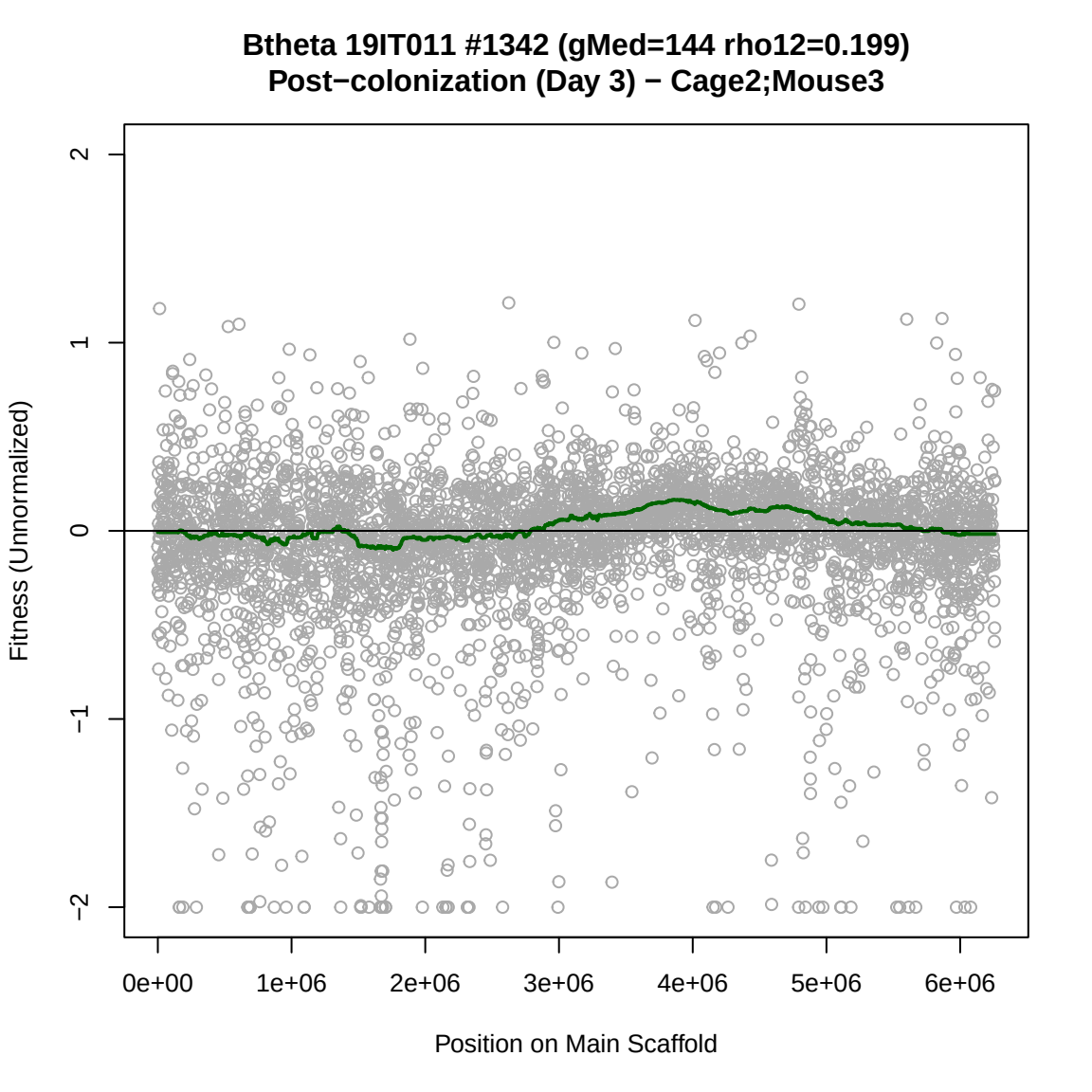

Btheta 19IT006 #1337 (gMed=127 rho12=0.186)
Post−colonization (Day 2) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

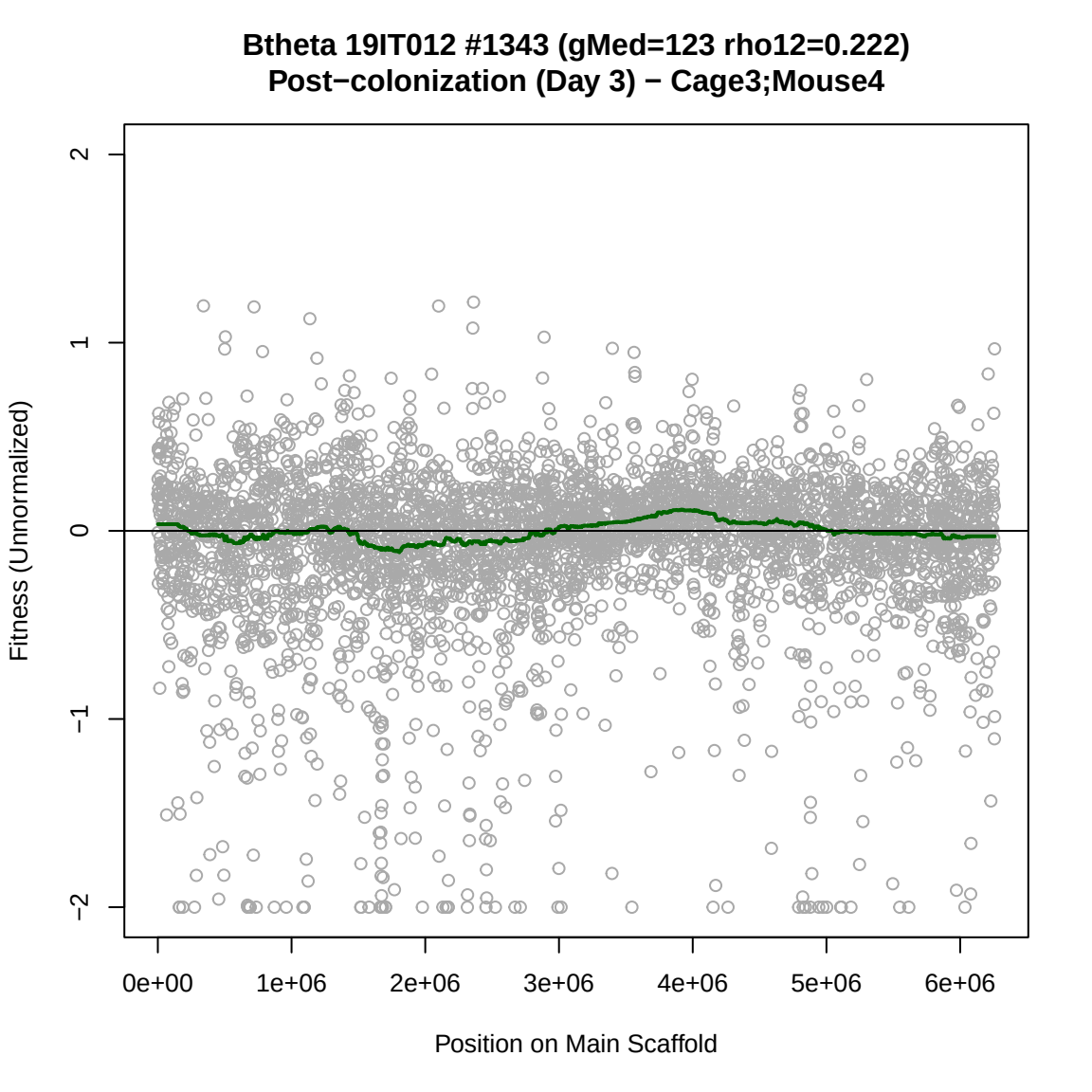

Btheta 19IT007 #1338 (gMed=109 rho12=0.186)
Post−colonization (Day 2) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

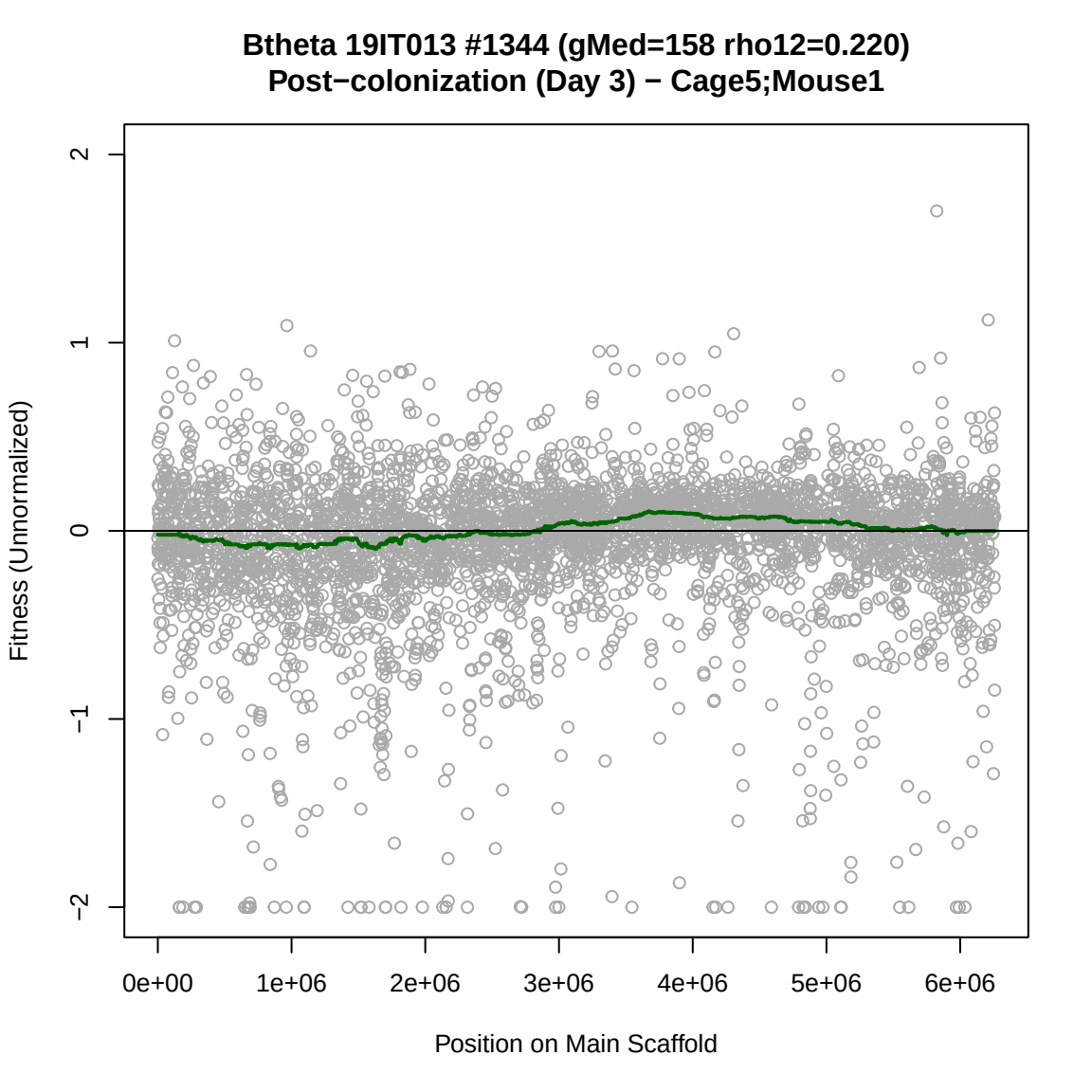

Btheta 19IT008 #1339 (gMed=134 rho12=0.227)
Post−colonization (Day 2) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

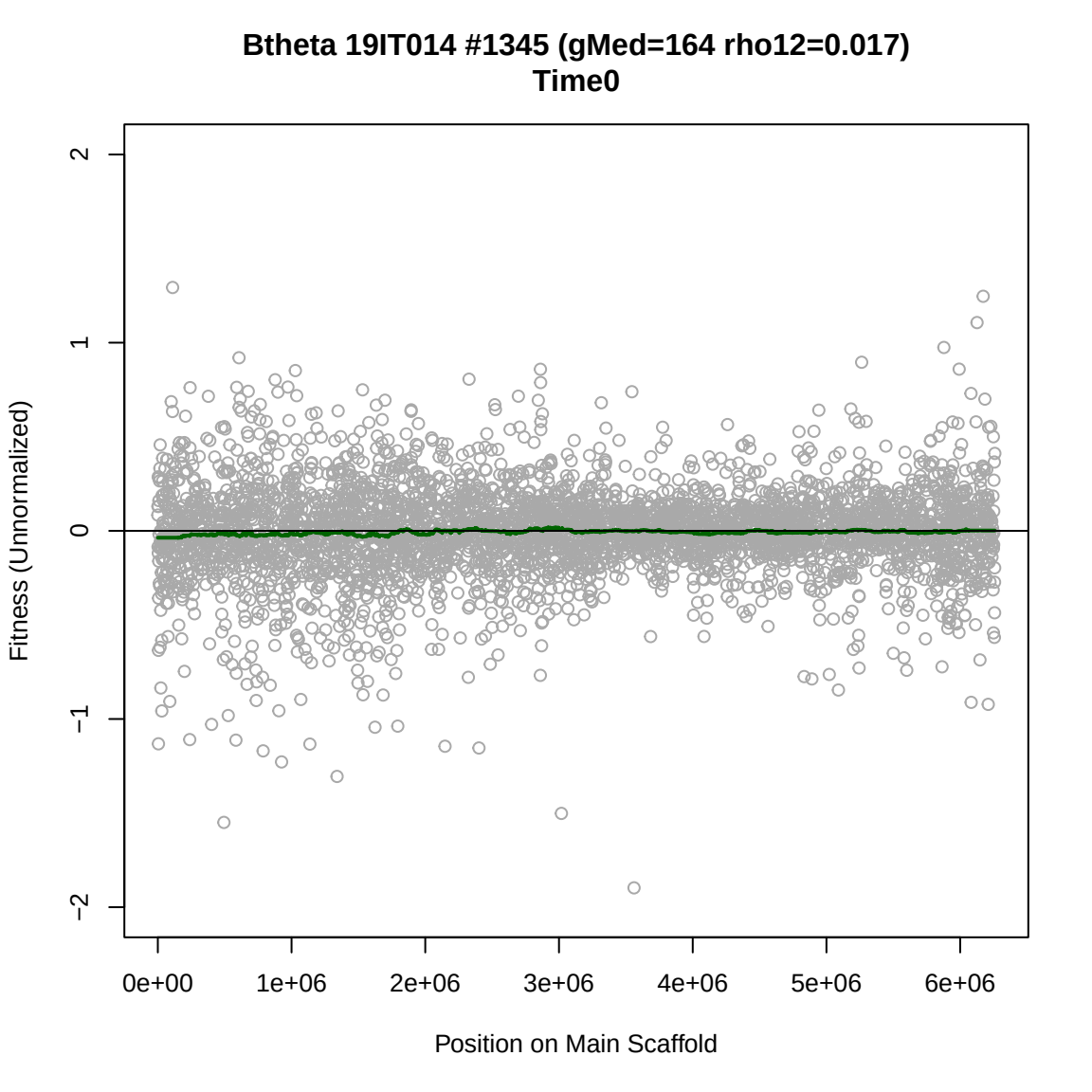

Btheta 19IT009 #1340 (gMed=148 rho12=0.227)
Post−colonization (Day 2) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

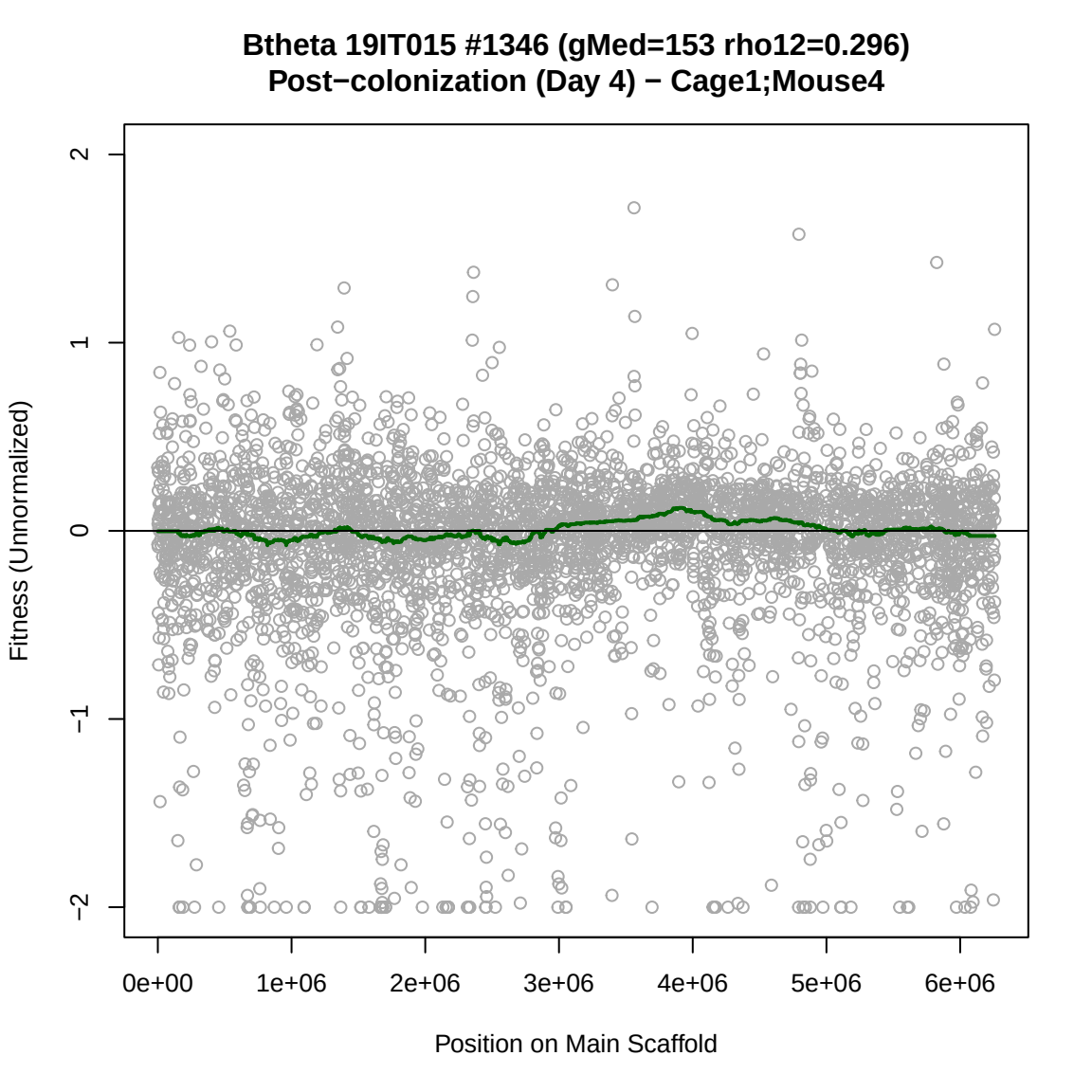

Btheta 19IT010 #1341 (gMed=165 rho12=0.214)
Post−colonization (Day 3) − Cage1;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

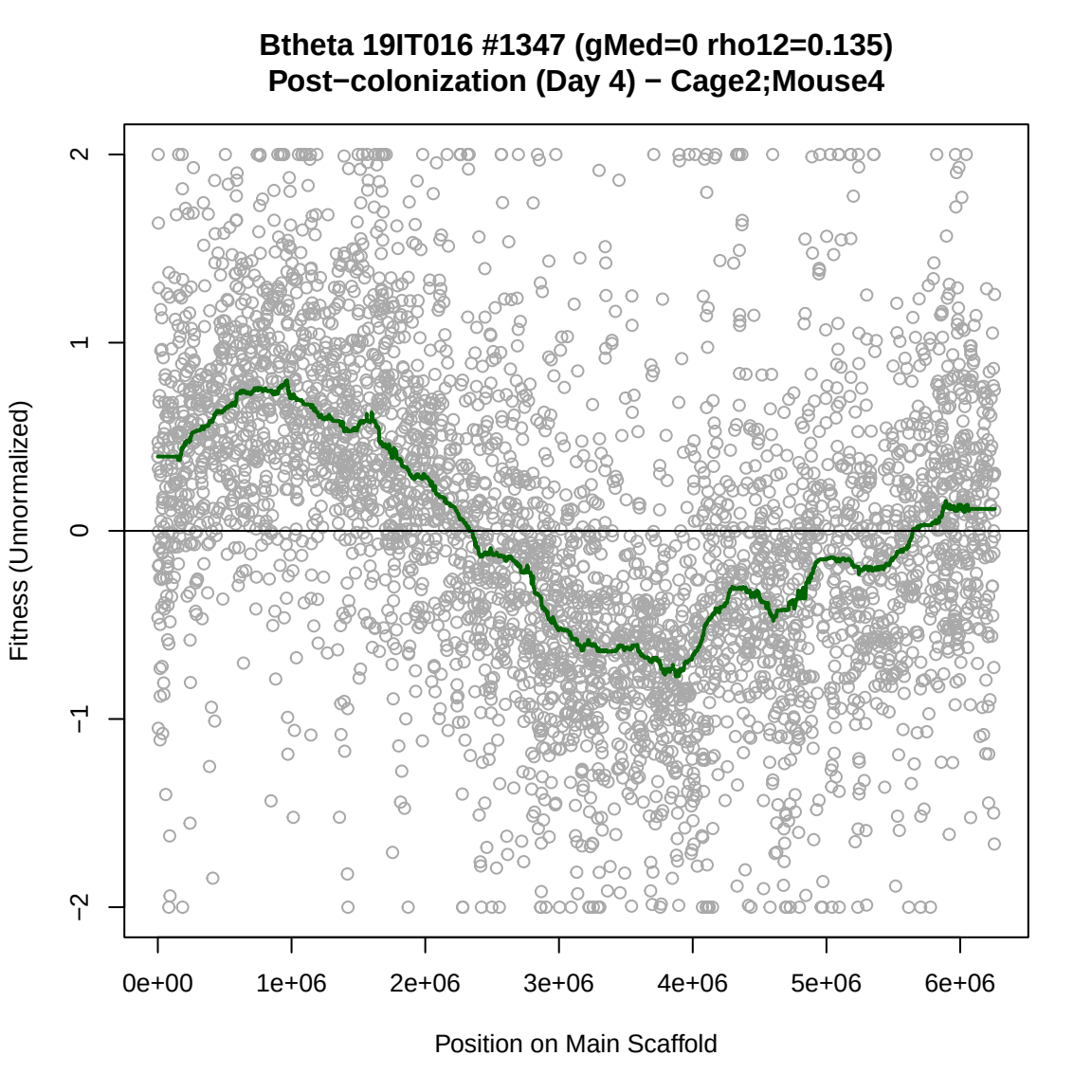

Btheta 19IT011 #1342 (gMed=144 rho12=0.199)
Post−colonization (Day 3) − Cage2;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

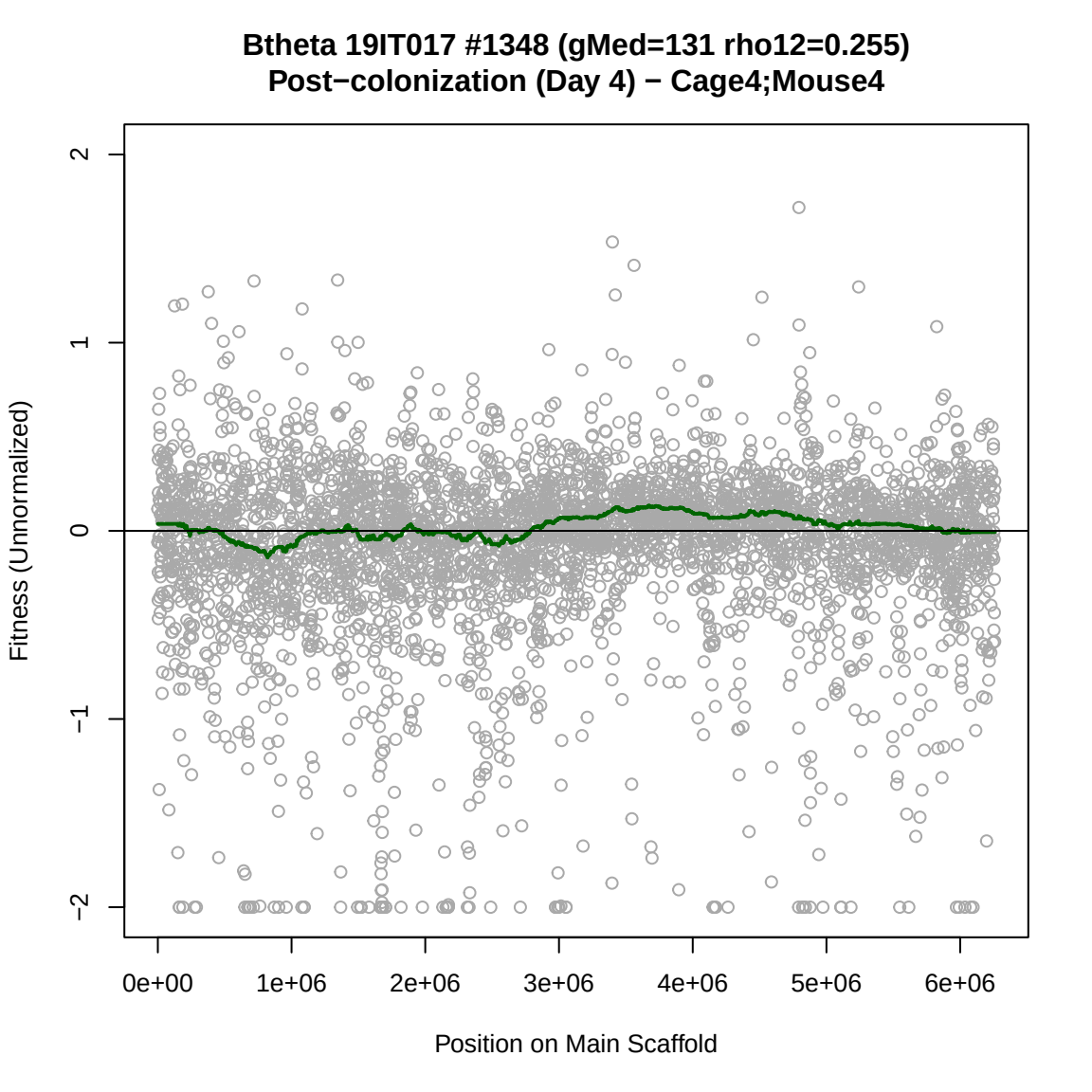

Btheta 19IT012 #1343 (gMed=123 rho12=0.222)
Post−colonization (Day 3) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

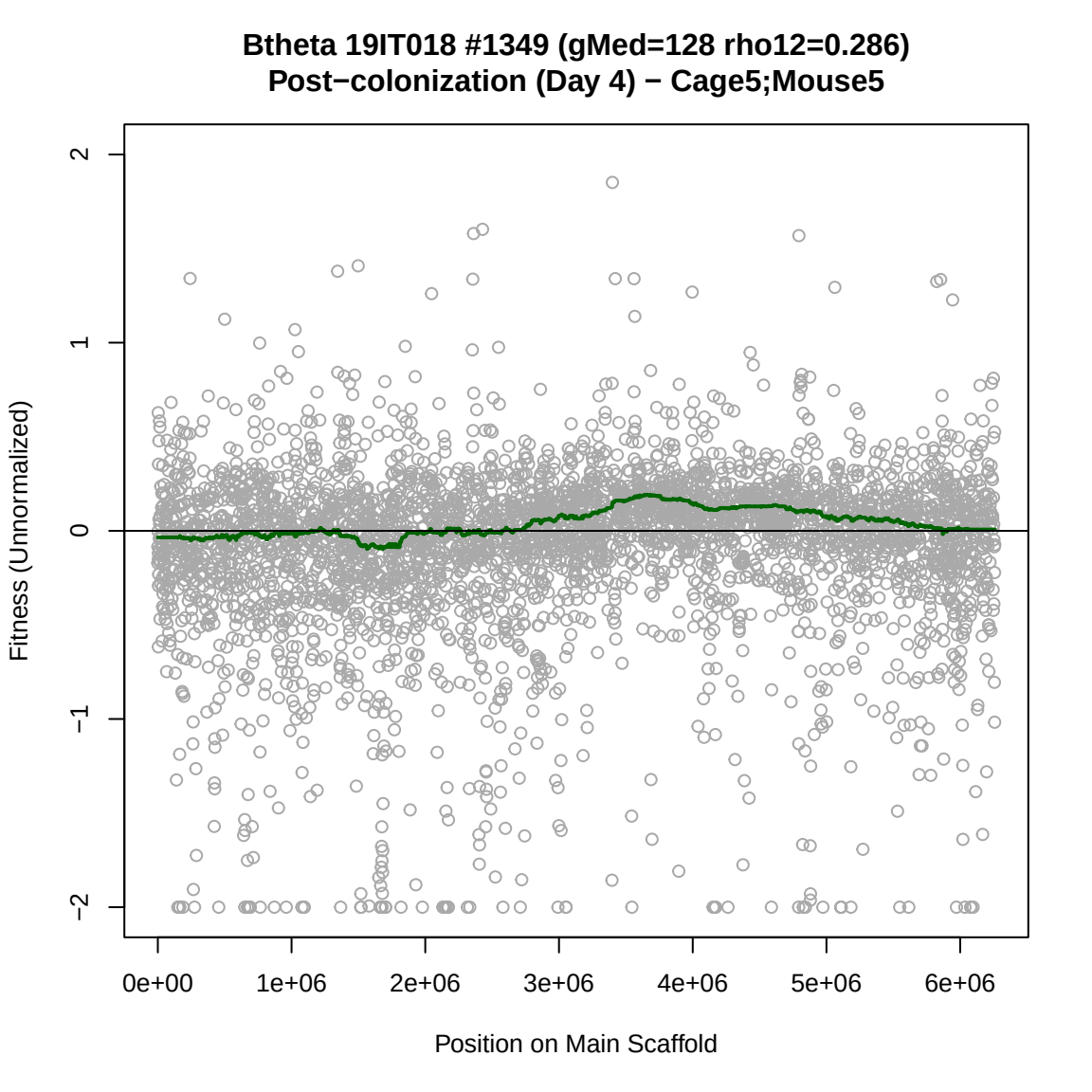

Btheta 19IT013 #1344 (gMed=158 rho12=0.220)
Post−colonization (Day 3) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

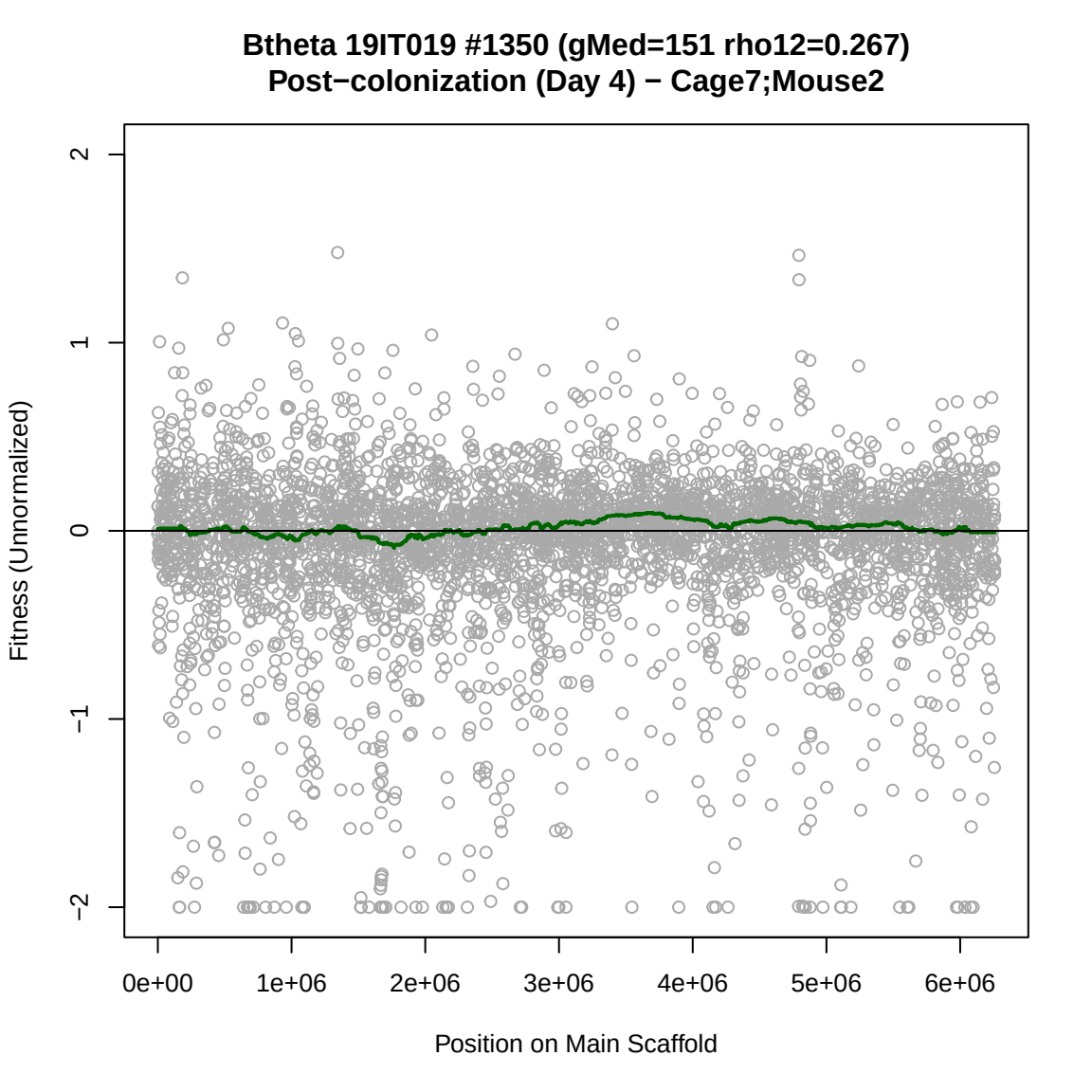

Btheta 19IT014 #1345 (gMed=164 rho12=0.017)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

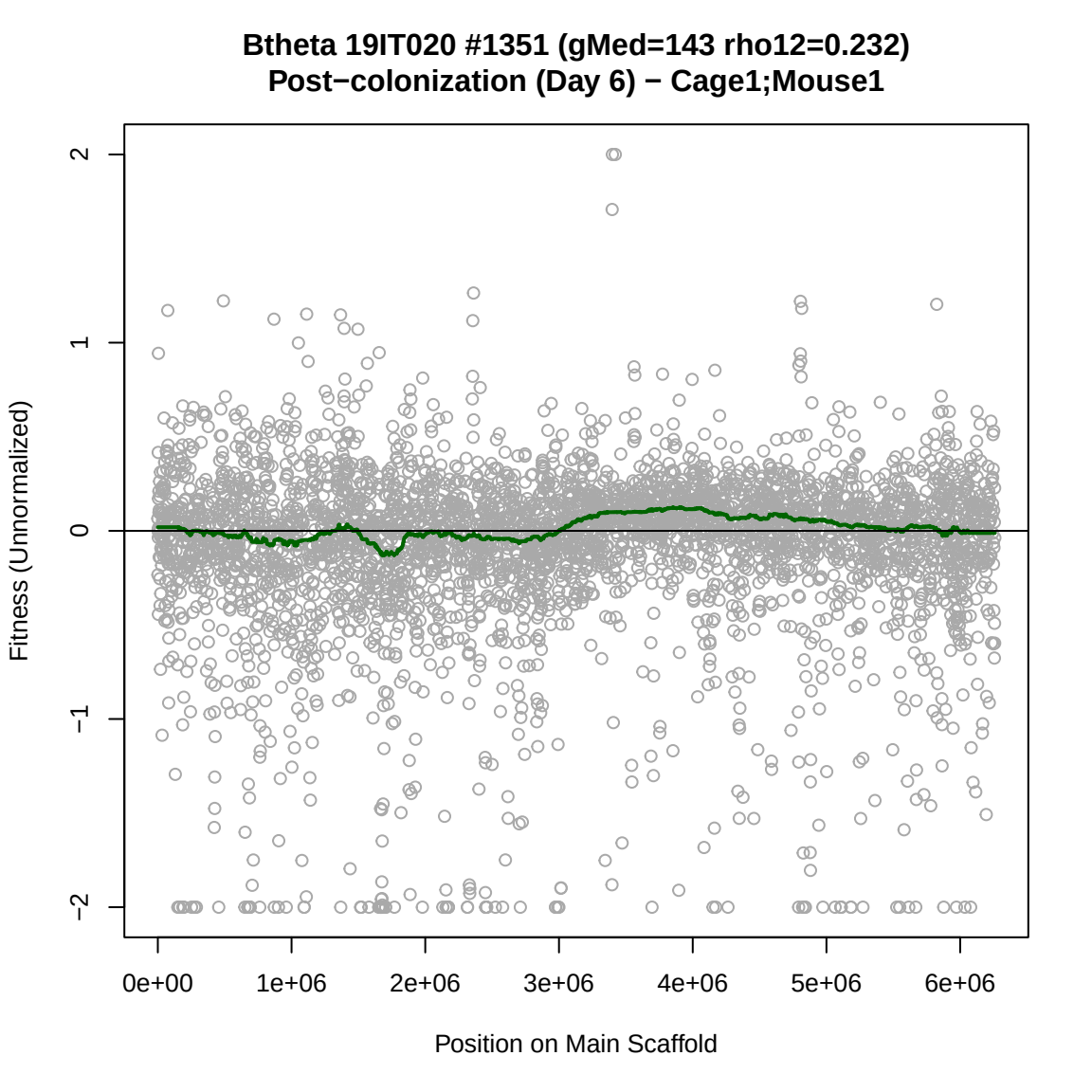

Btheta 19IT015 #1346 (gMed=153 rho12=0.296)
Post−colonization (Day 4) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

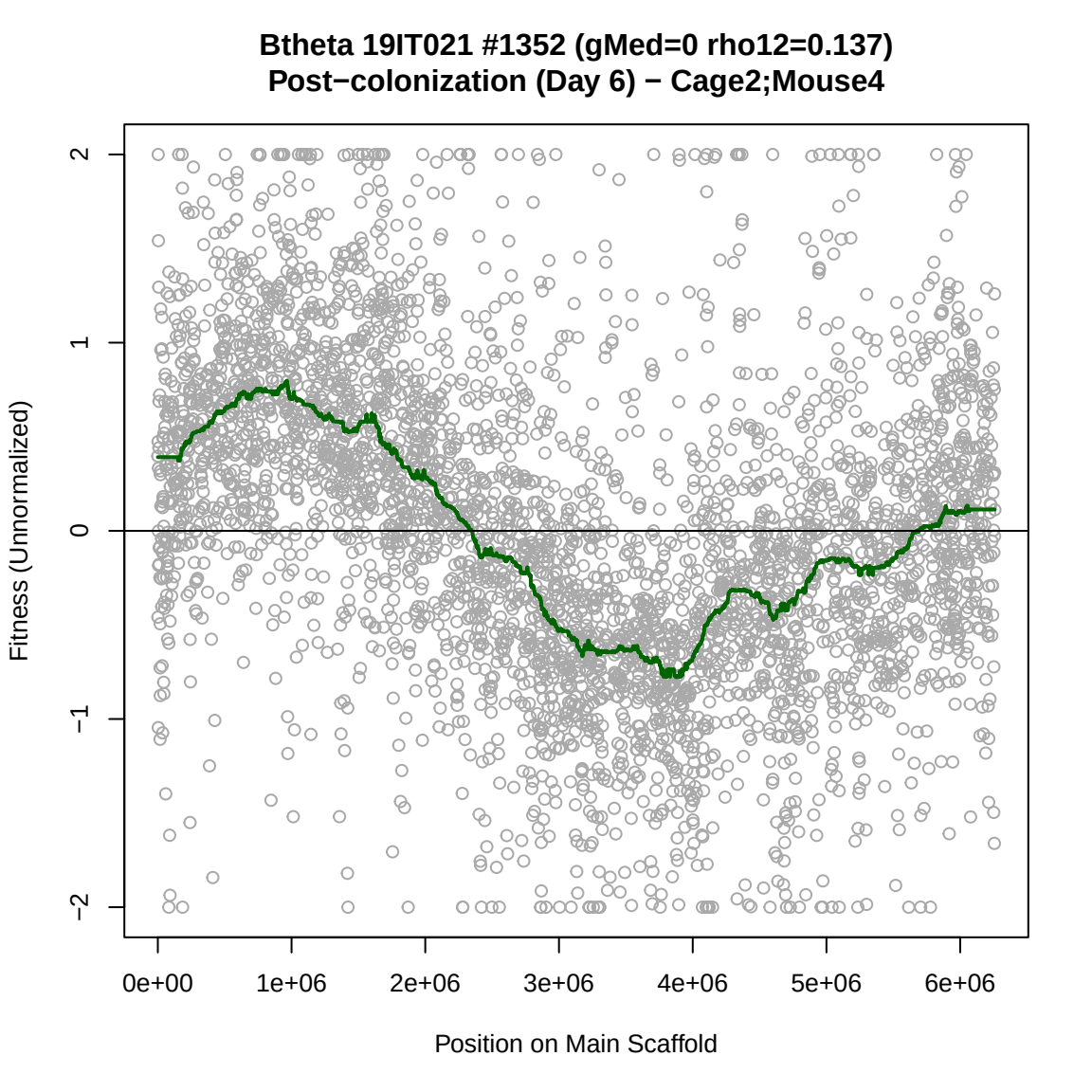

Btheta 19IT016 #1347 (gMed=0 rho12=0.135)
Post−colonization (Day 4) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

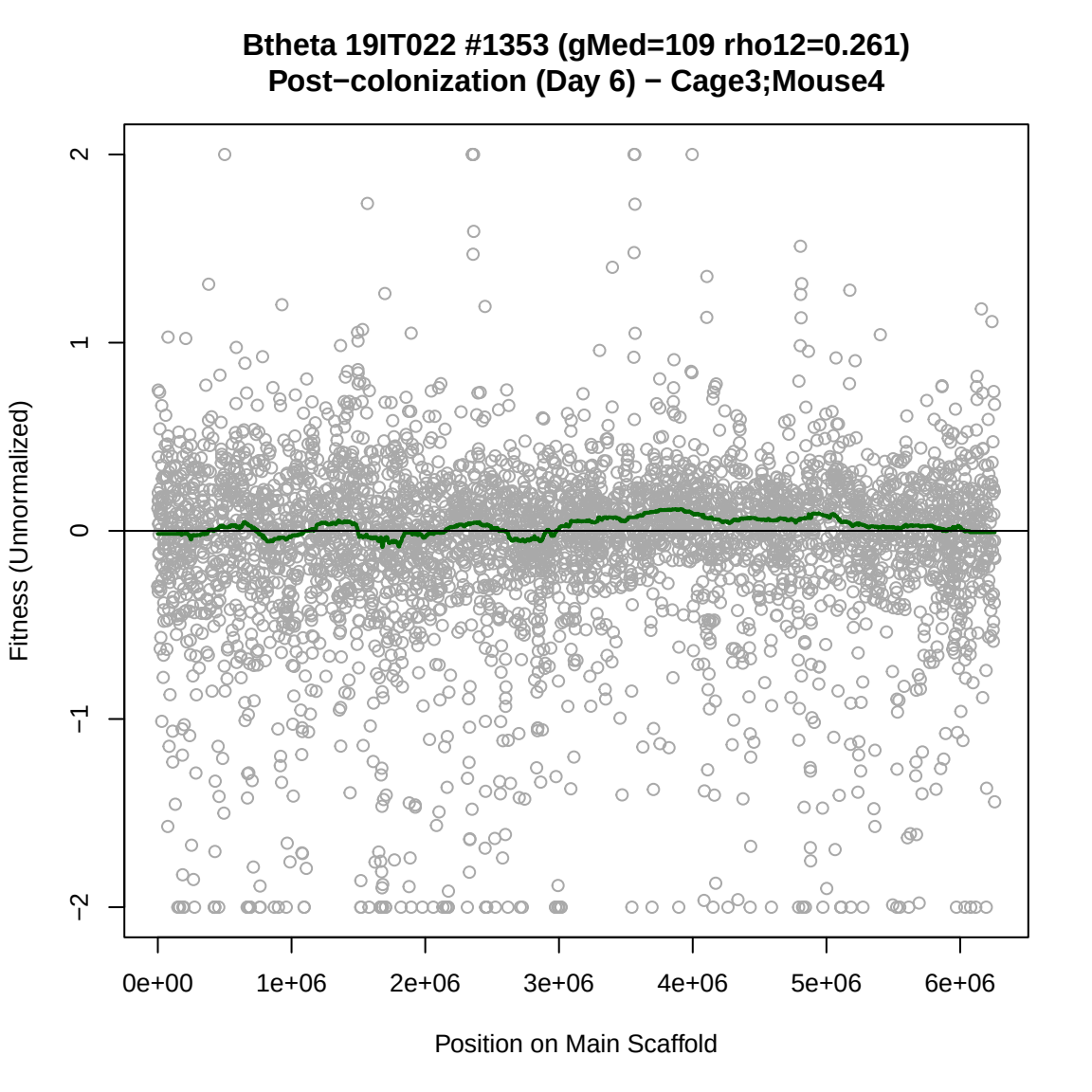

Btheta 19IT017 #1348 (gMed=131 rho12=0.255)
Post−colonization (Day 4) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

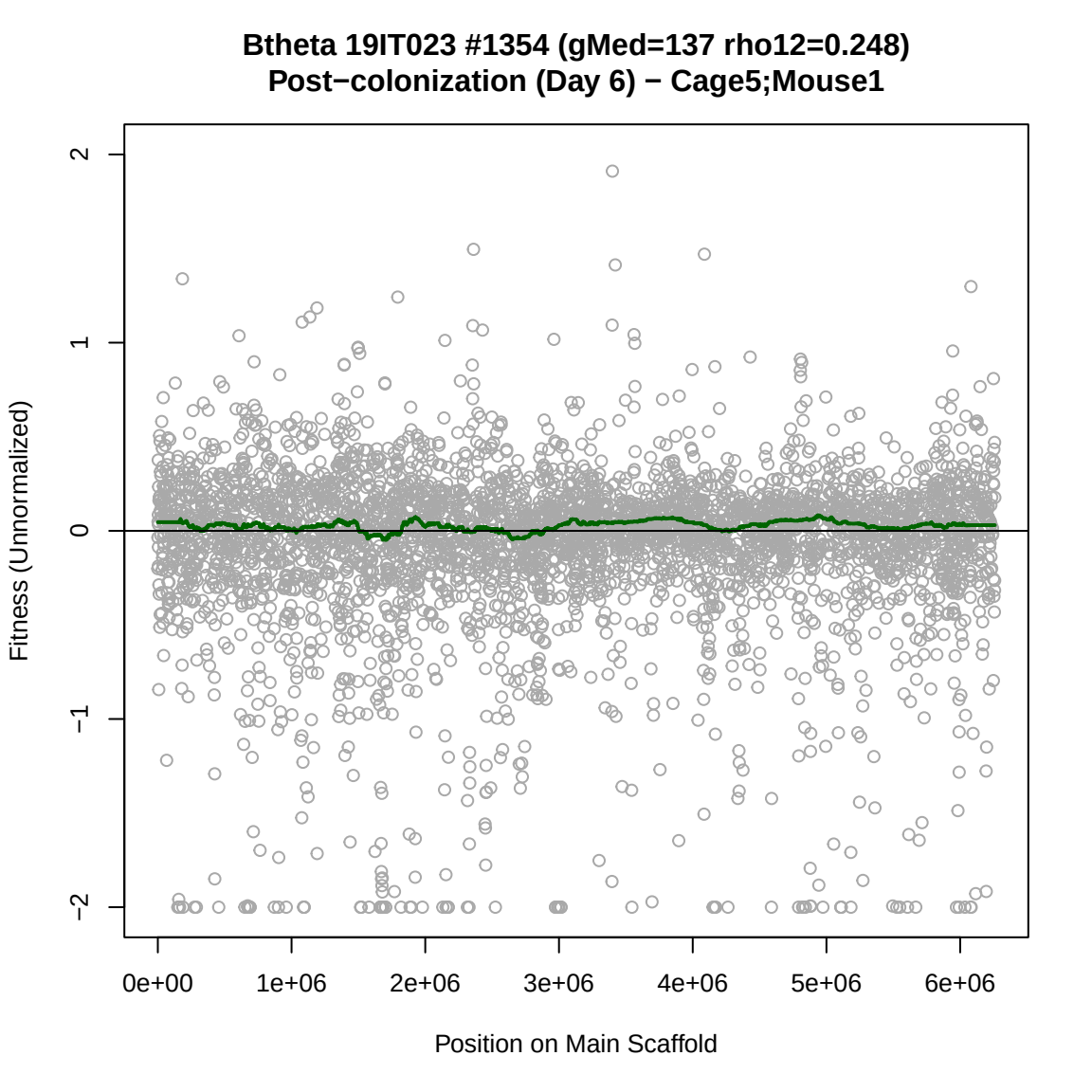

Btheta 19IT018 #1349 (gMed=128 rho12=0.286)
Post−colonization (Day 4) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

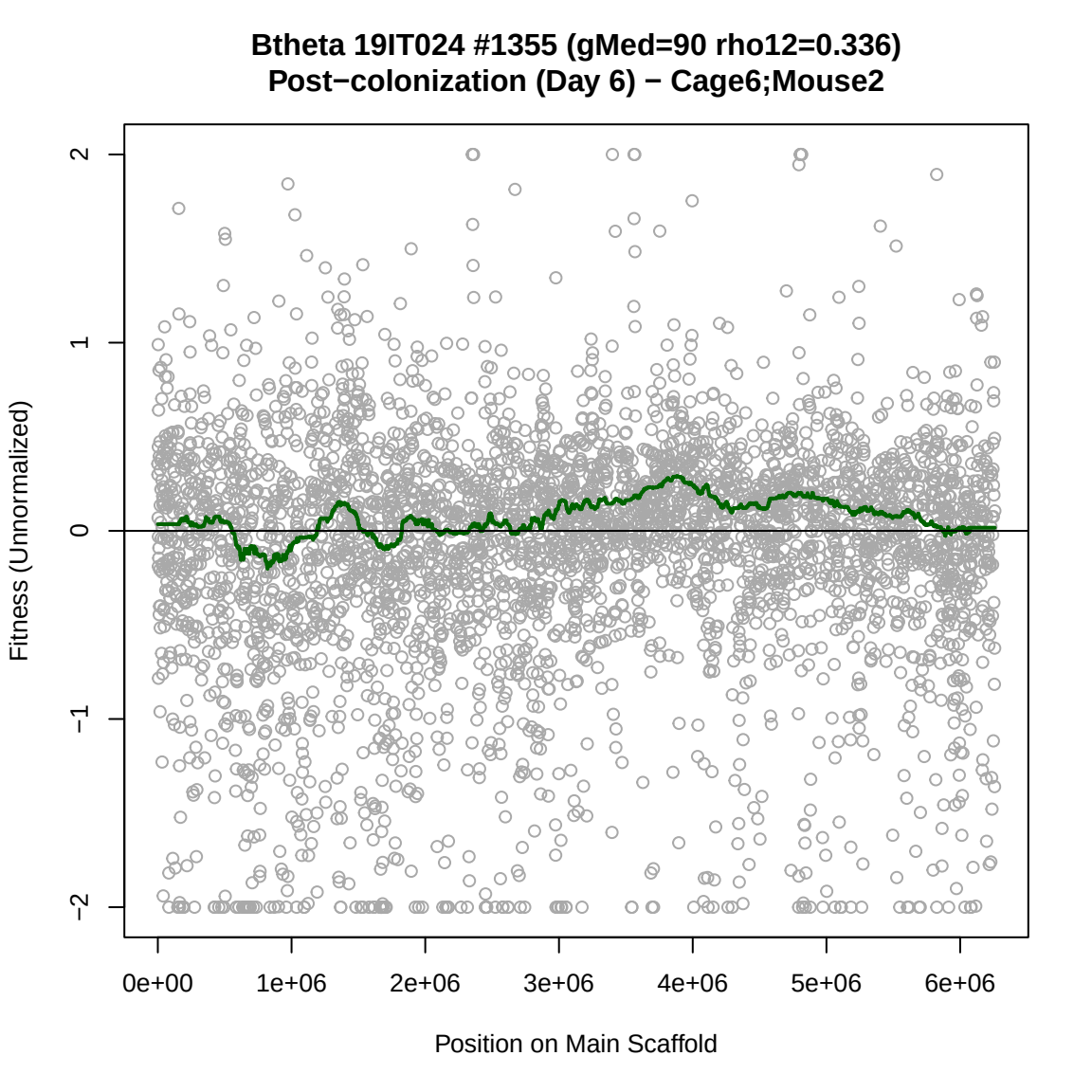

Btheta 19IT019 #1350 (gMed=151 rho12=0.267)
Post−colonization (Day 4) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

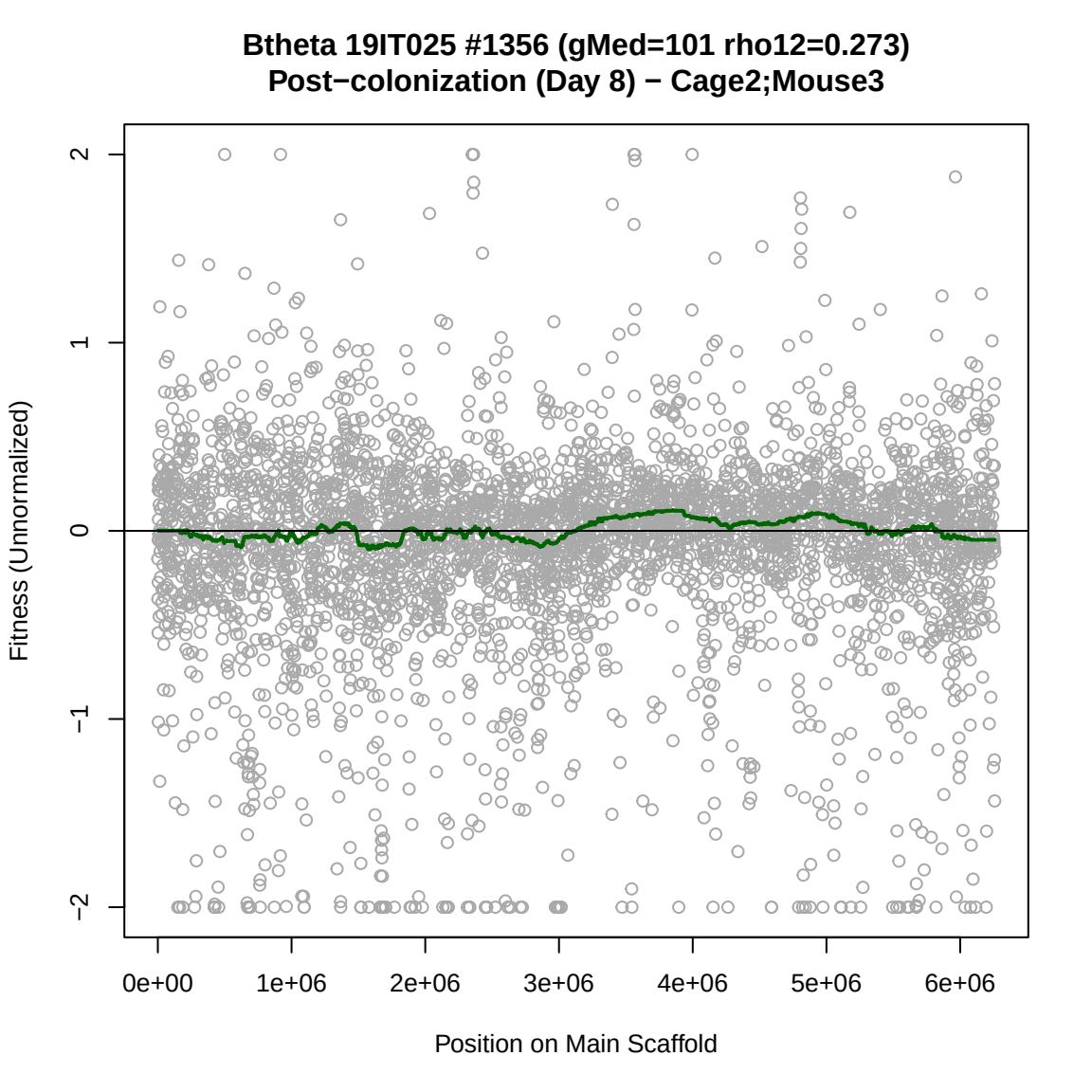

Btheta 19IT020 #1351 (gMed=143 rho12=0.232)
Post−colonization (Day 6) − Cage1;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

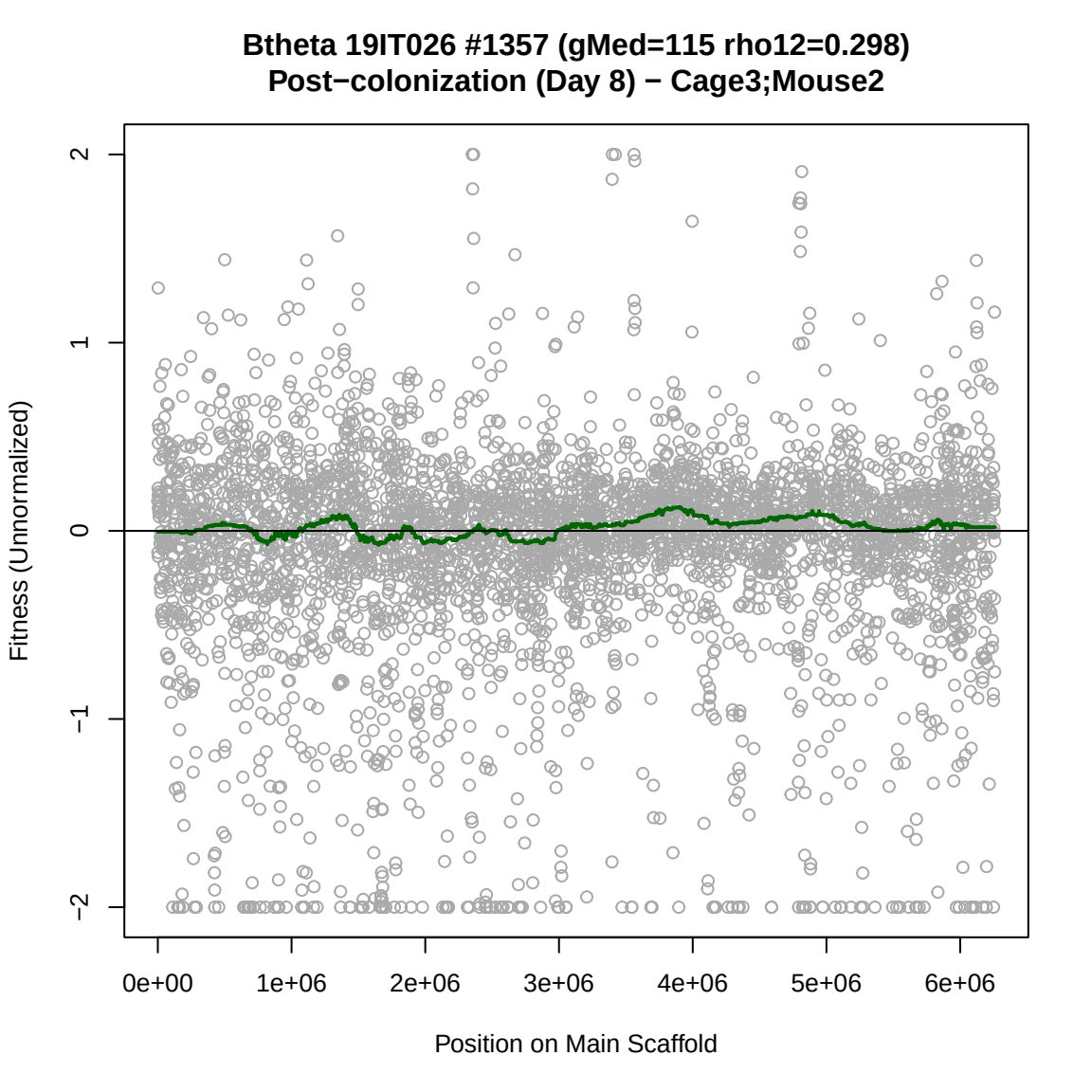

Btheta 19IT021 #1352 (gMed=0 rho12=0.137)
Post−colonization (Day 6) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

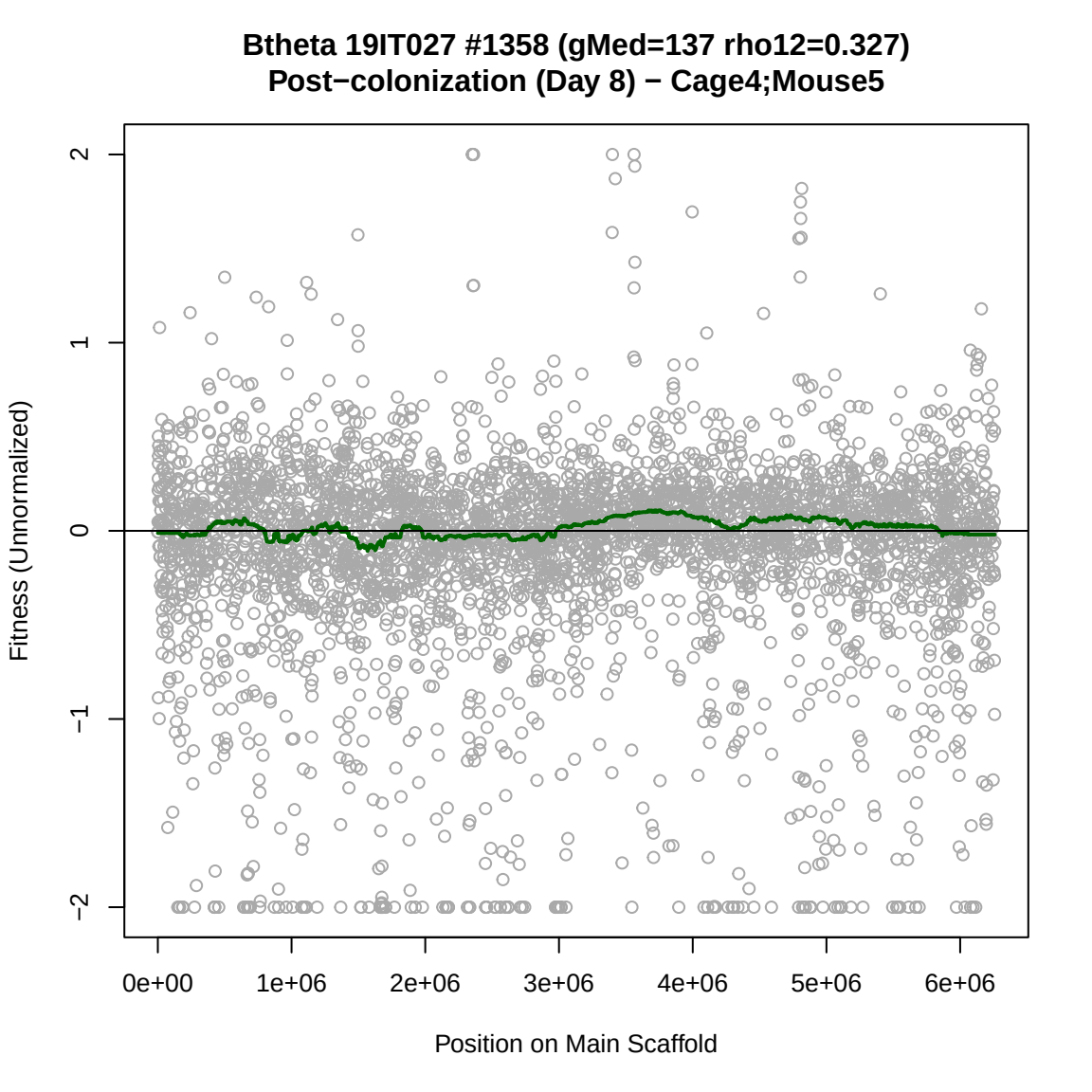

Btheta 19IT022 #1353 (gMed=109 rho12=0.261)
Post−colonization (Day 6) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

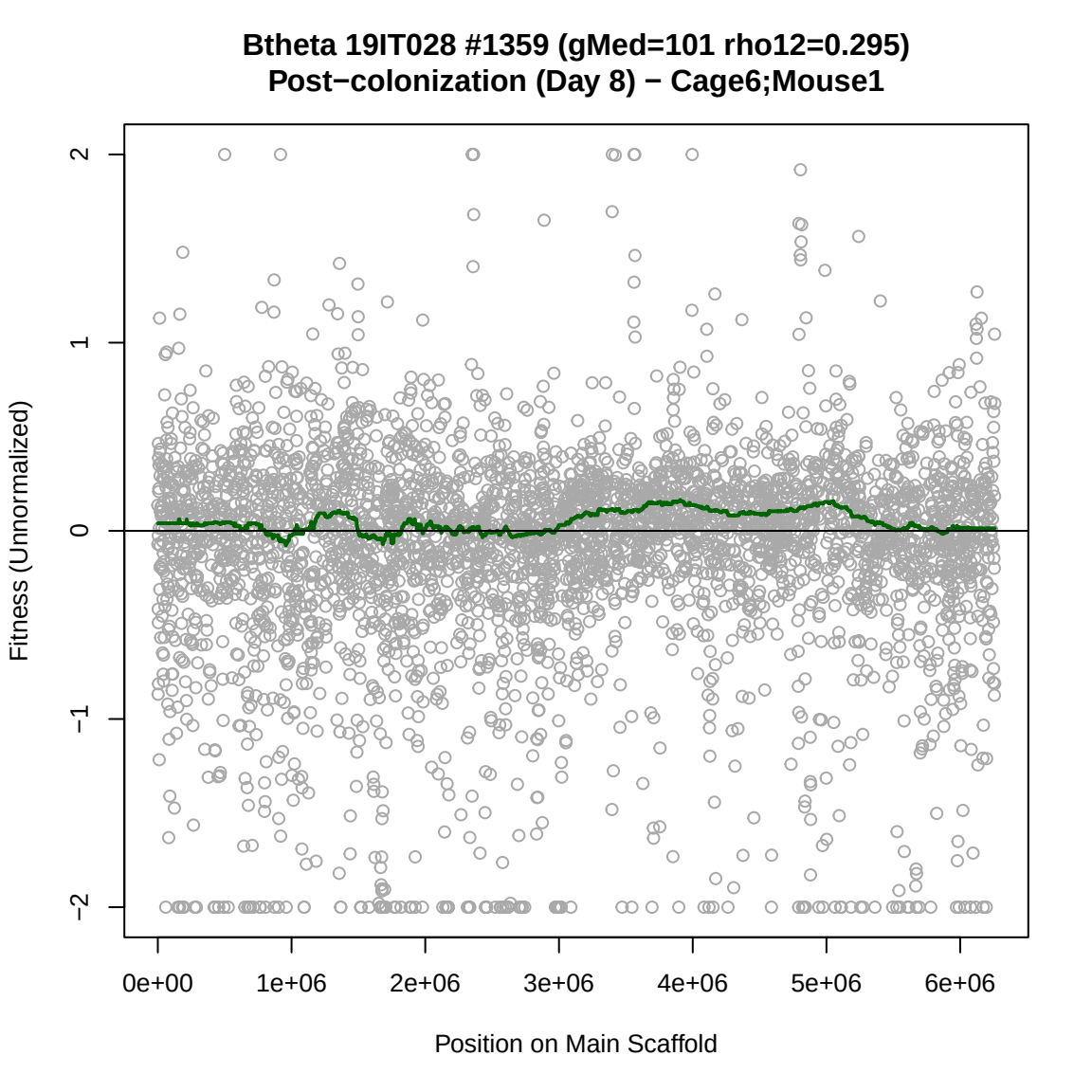

Btheta 19IT023 #1354 (gMed=137 rho12=0.248)
Post−colonization (Day 6) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

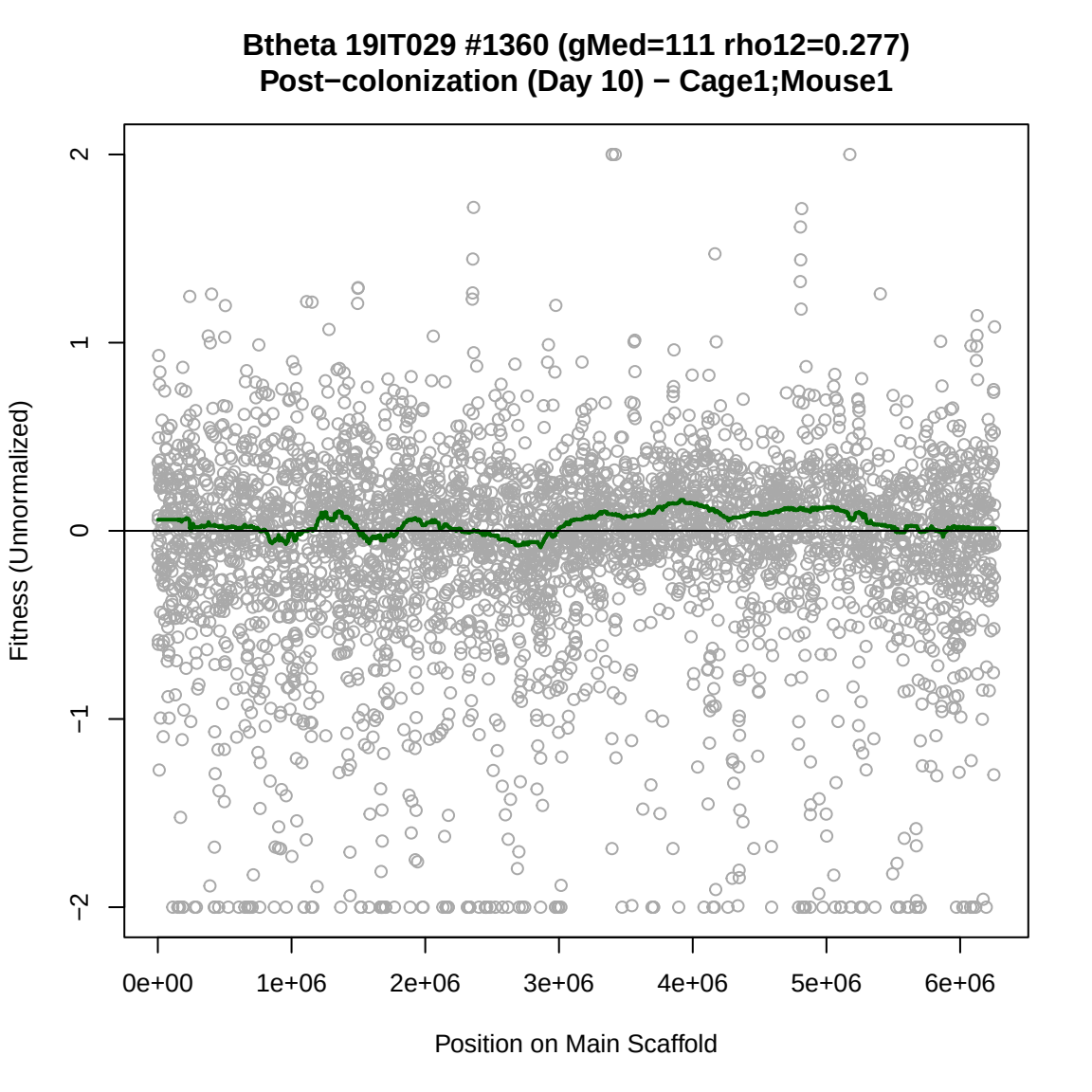

Btheta 19IT024 #1355 (gMed=90 rho12=0.336)
Post−colonization (Day 6) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

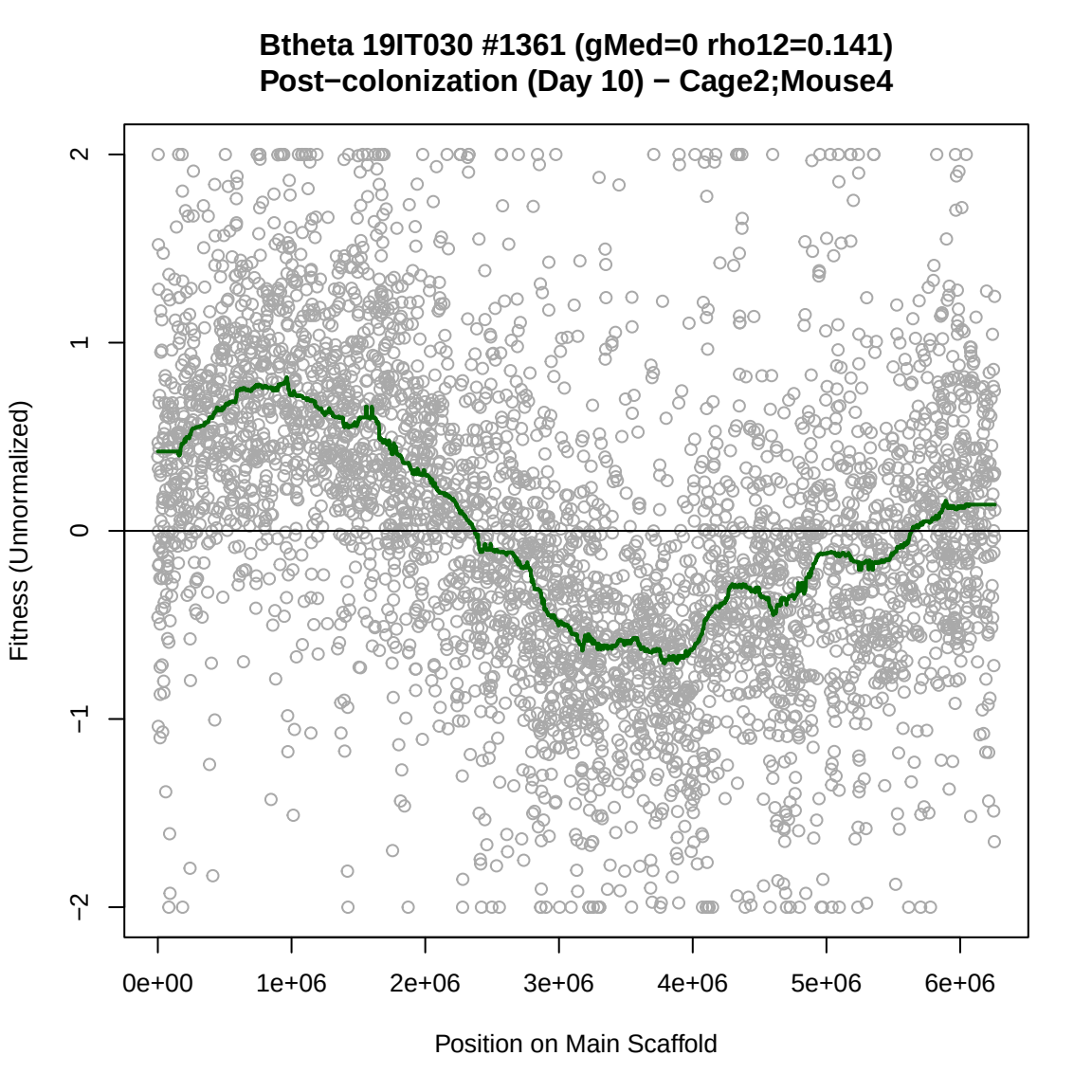

Btheta 19IT025 #1356 (gMed=101 rho12=0.273)
Post−colonization (Day 8) − Cage2;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

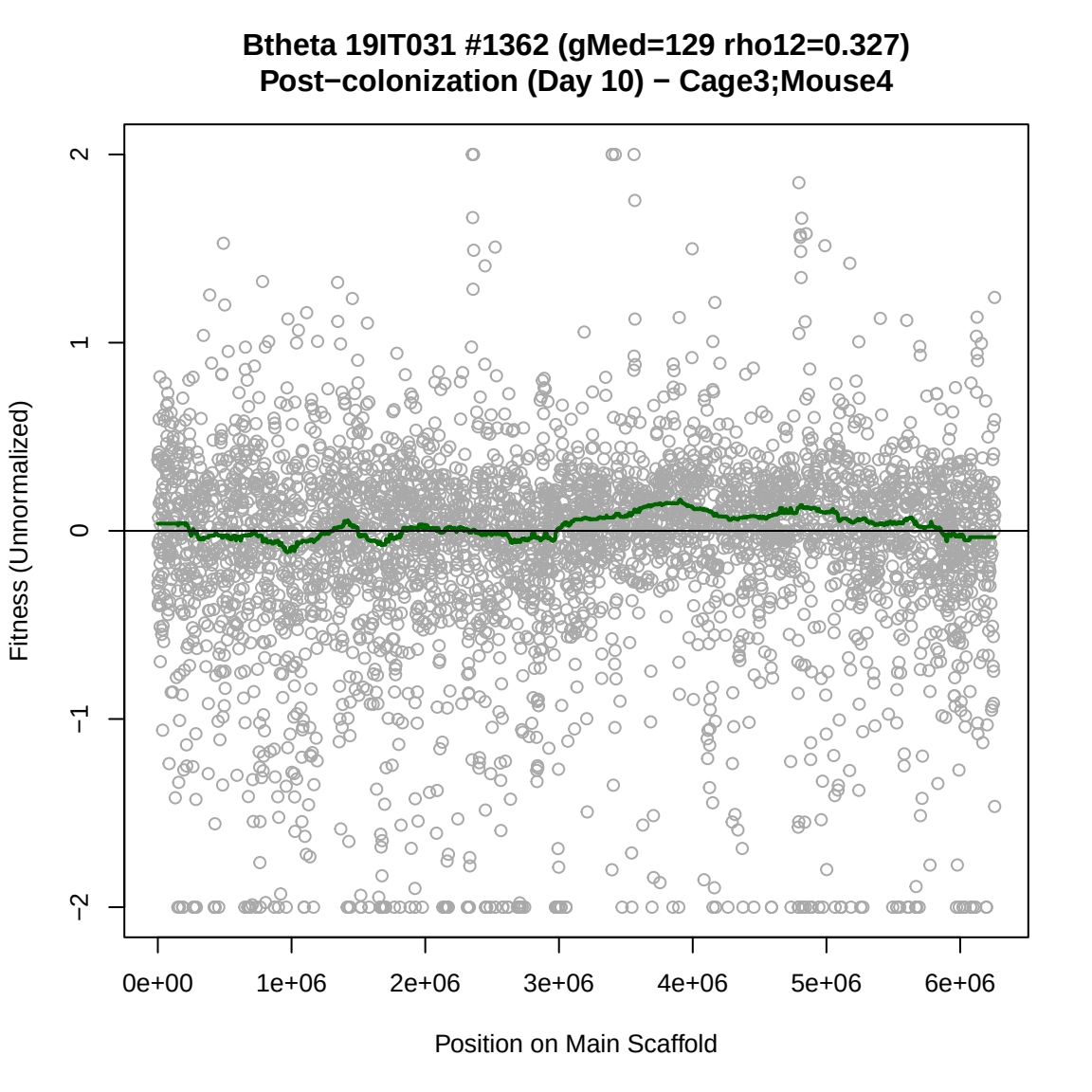

Btheta 19IT026 #1357 (gMed=115 rho12=0.298)
Post−colonization (Day 8) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

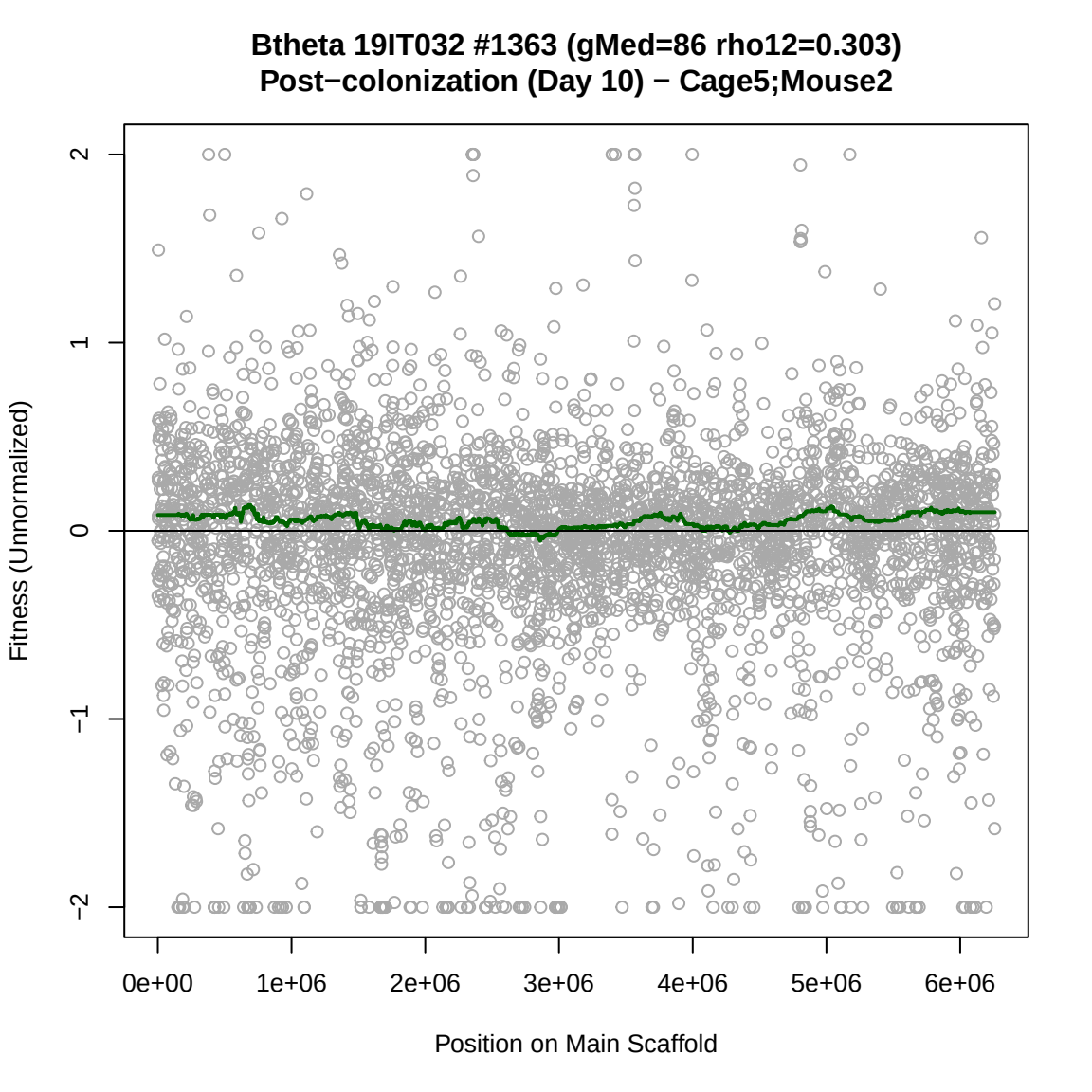

Btheta 19IT027 #1358 (gMed=137 rho12=0.327)
Post−colonization (Day 8) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

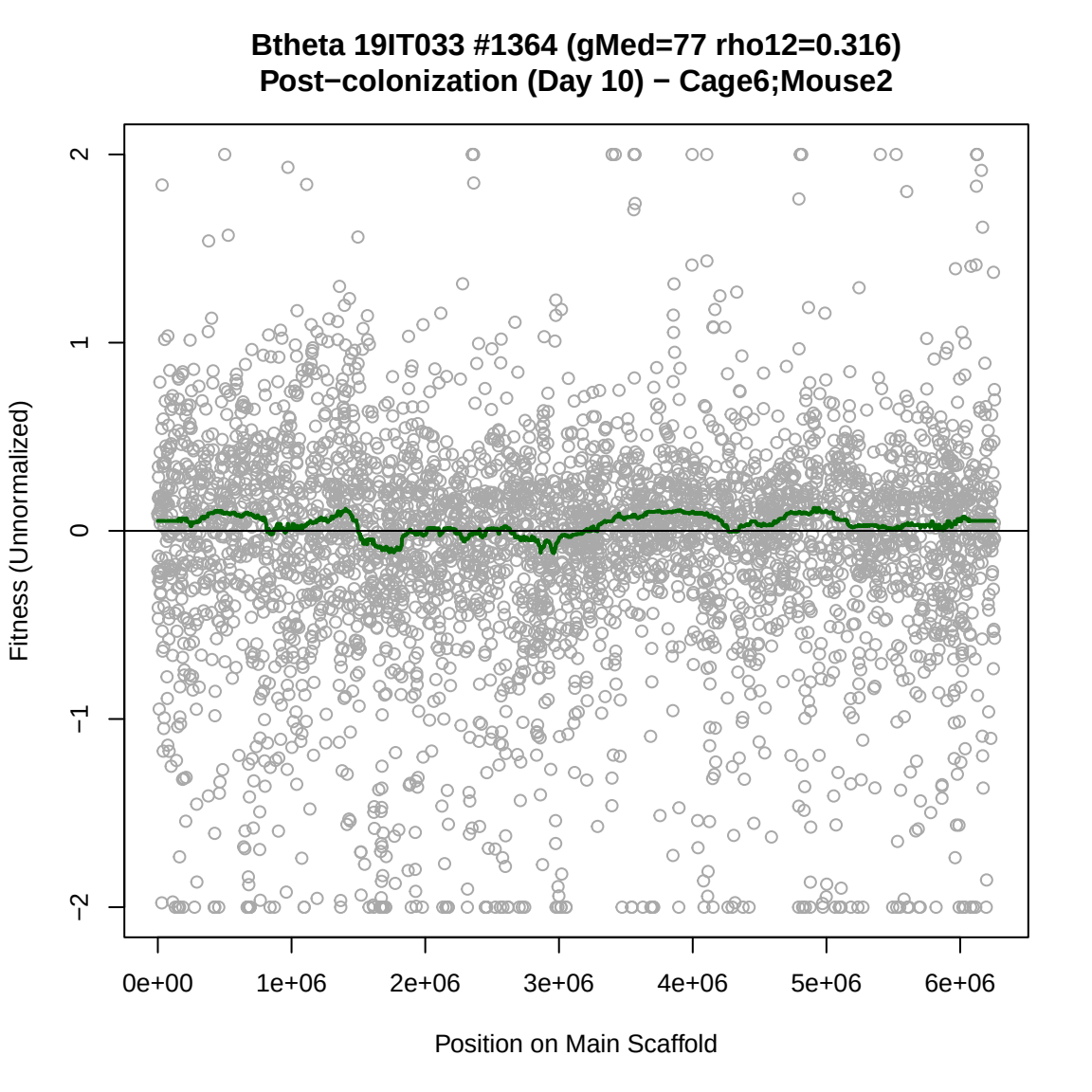

Btheta 19IT028 #1359 (gMed=101 rho12=0.295)
Post−colonization (Day 8) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

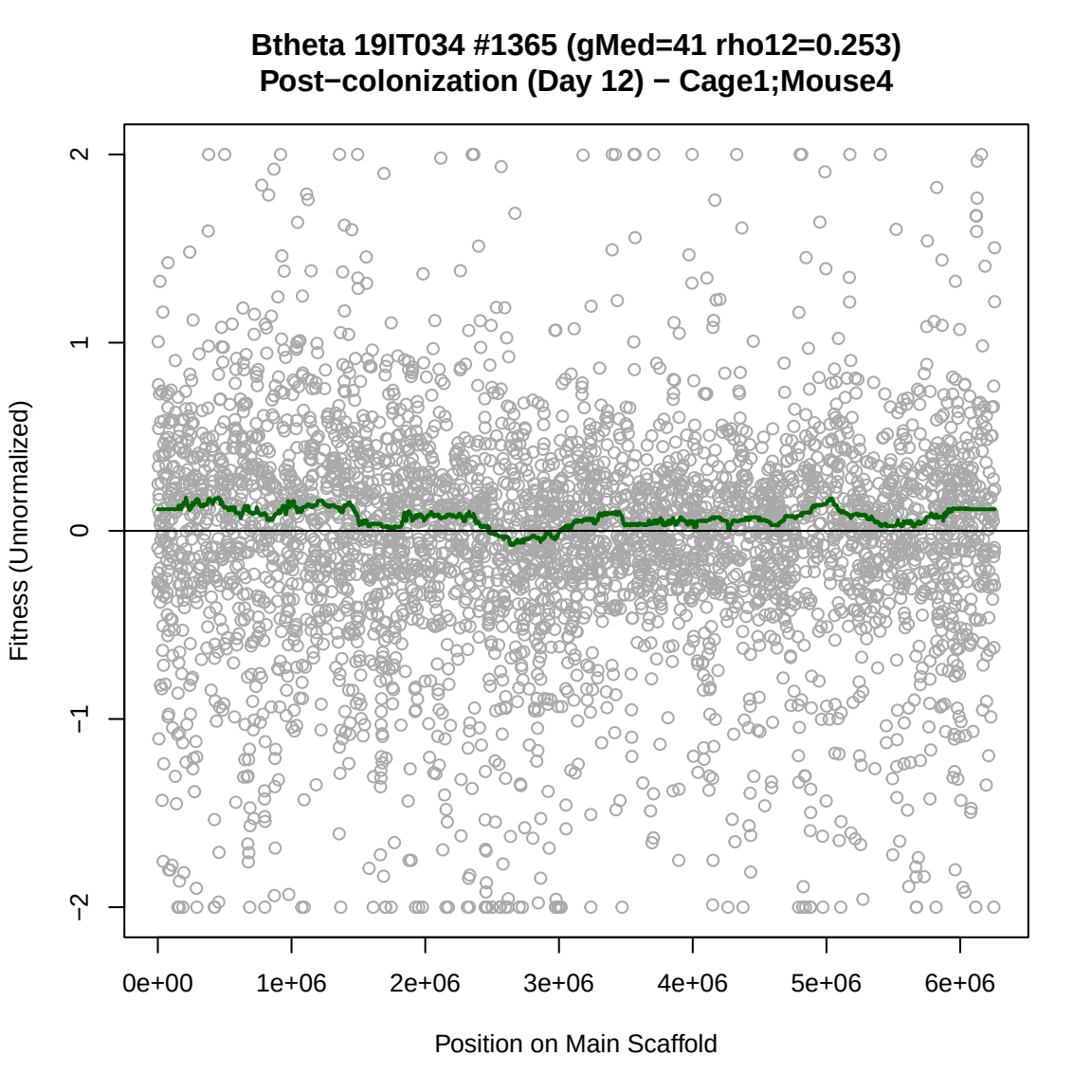

Btheta 19IT029 #1360 (gMed=111 rho12=0.277)
Post−colonization (Day 10) − Cage1;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

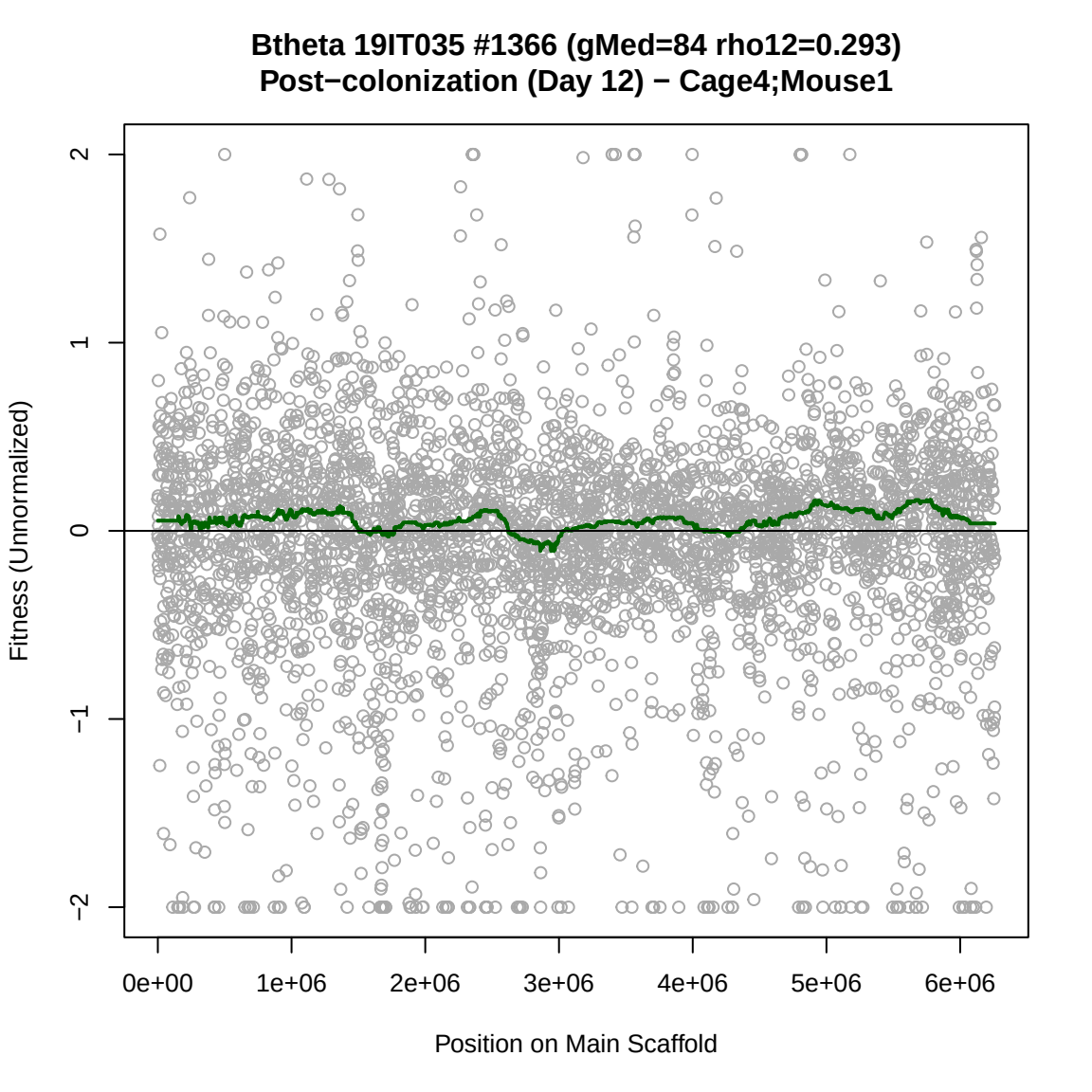

Btheta 19IT030 #1361 (gMed=0 rho12=0.141)
Post−colonization (Day 10) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

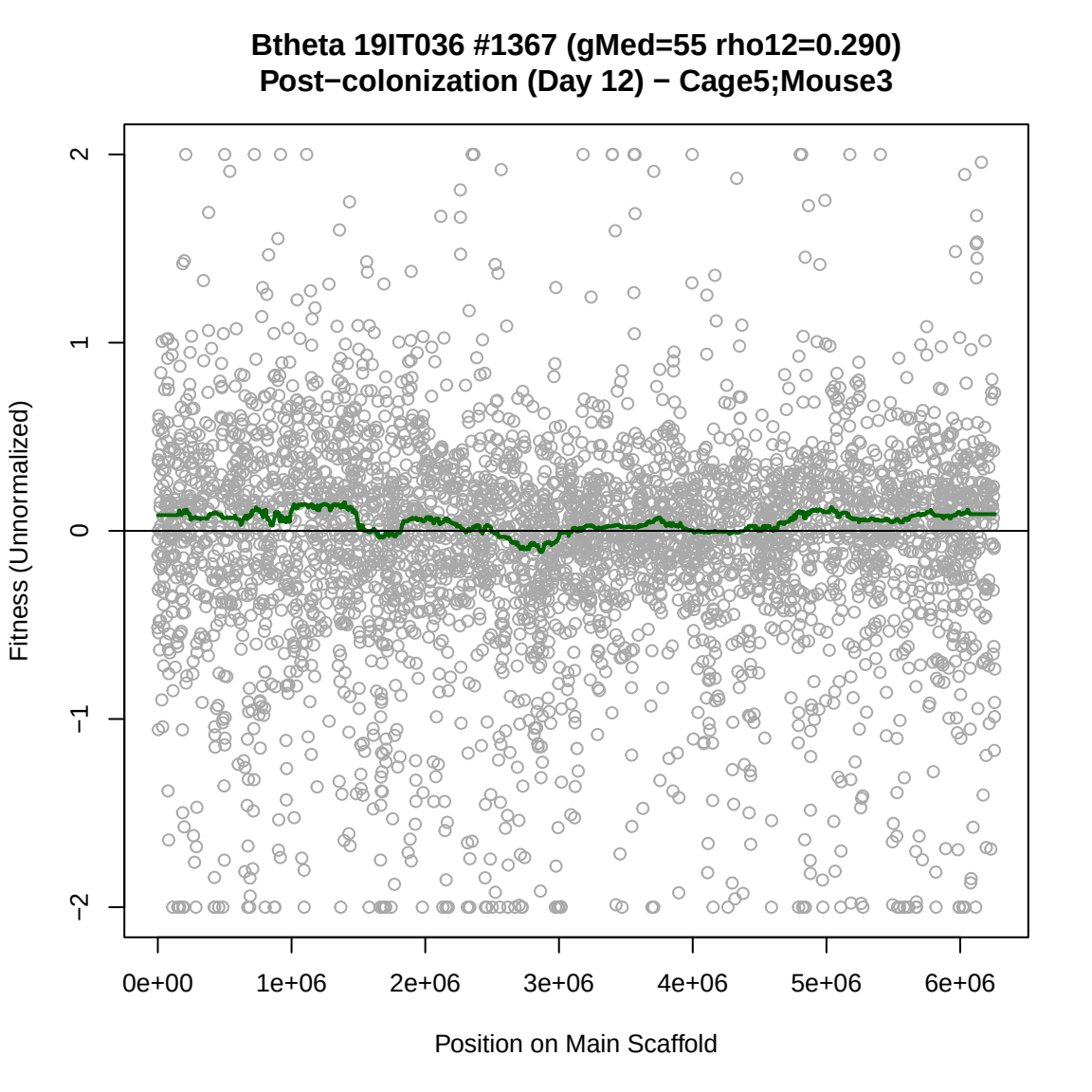

Btheta 19IT031 #1362 (gMed=129 rho12=0.327)
Post−colonization (Day 10) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

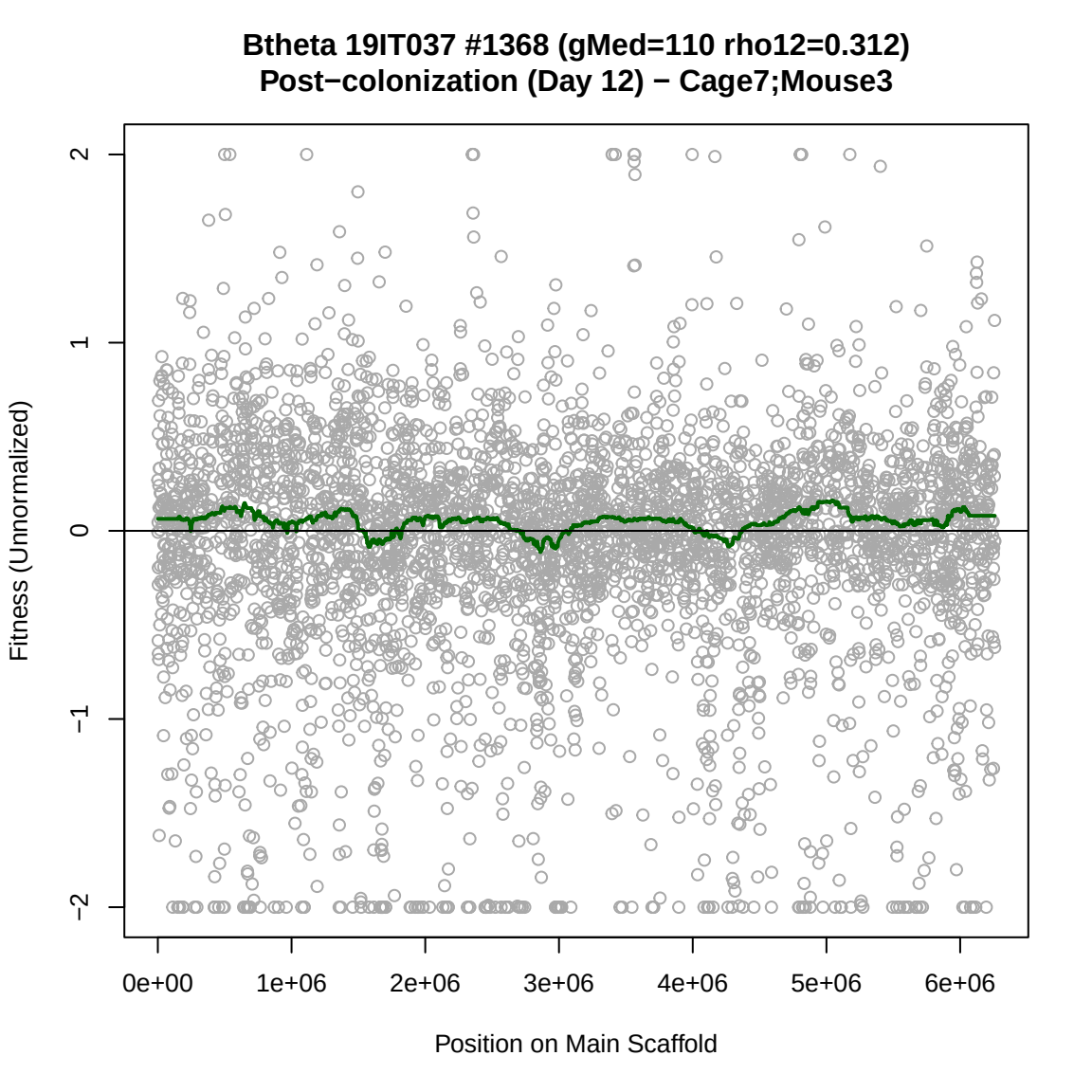

Btheta 19IT032 #1363 (gMed=86 rho12=0.303)
Post−colonization (Day 10) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

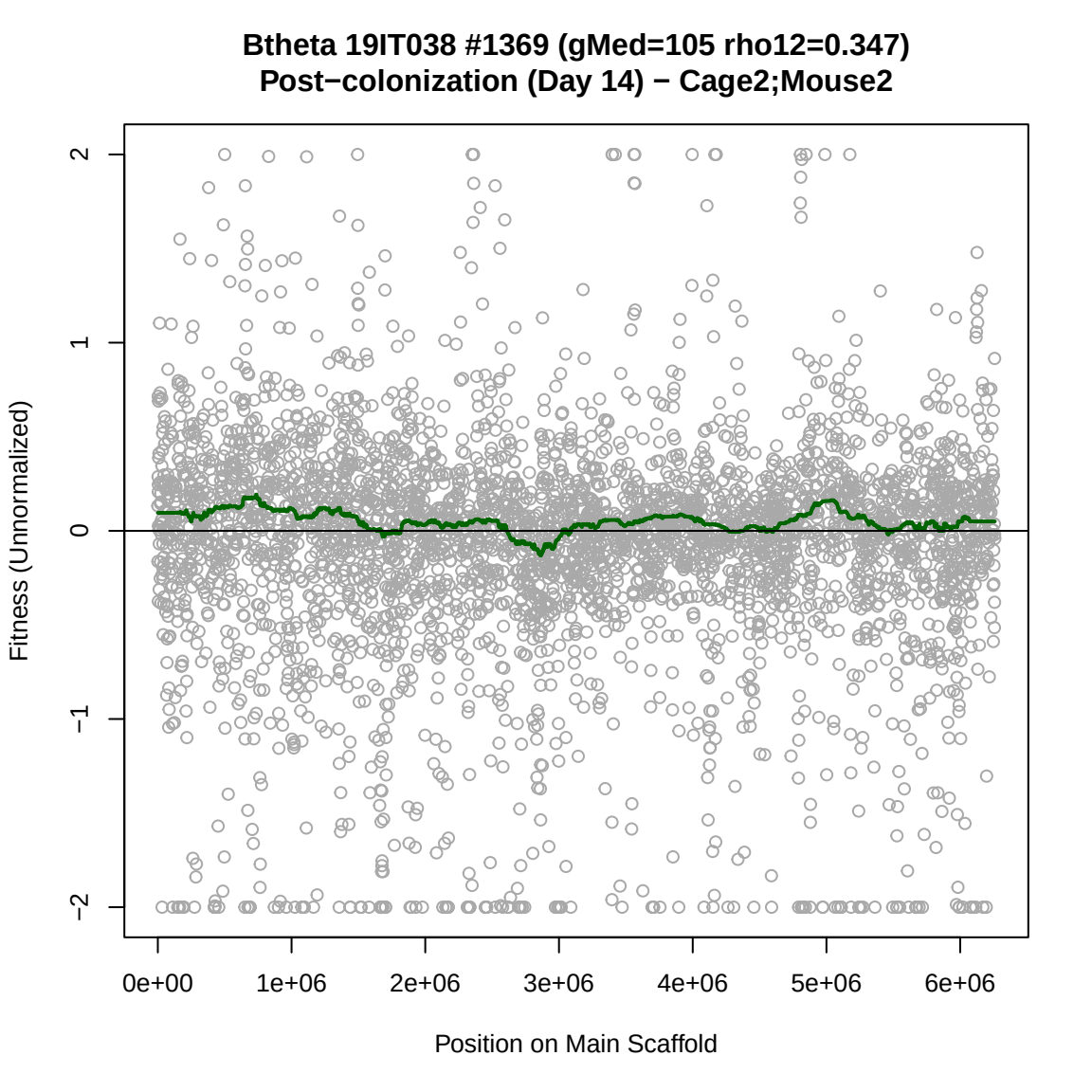

Btheta 19IT033 #1364 (gMed=77 rho12=0.316)
Post−colonization (Day 10) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

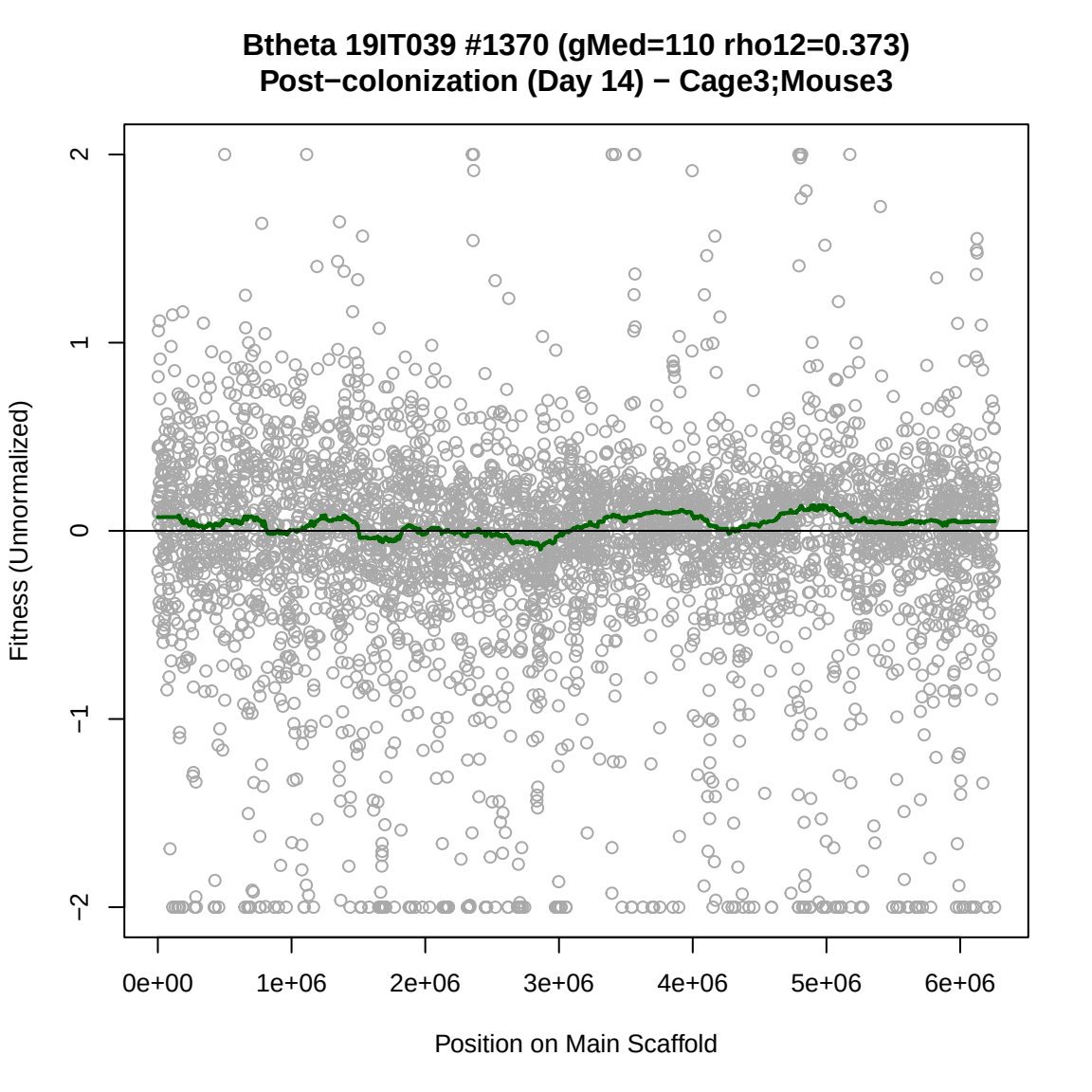

Btheta 19IT034 #1365 (gMed=41 rho12=0.253)
Post−colonization (Day 12) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

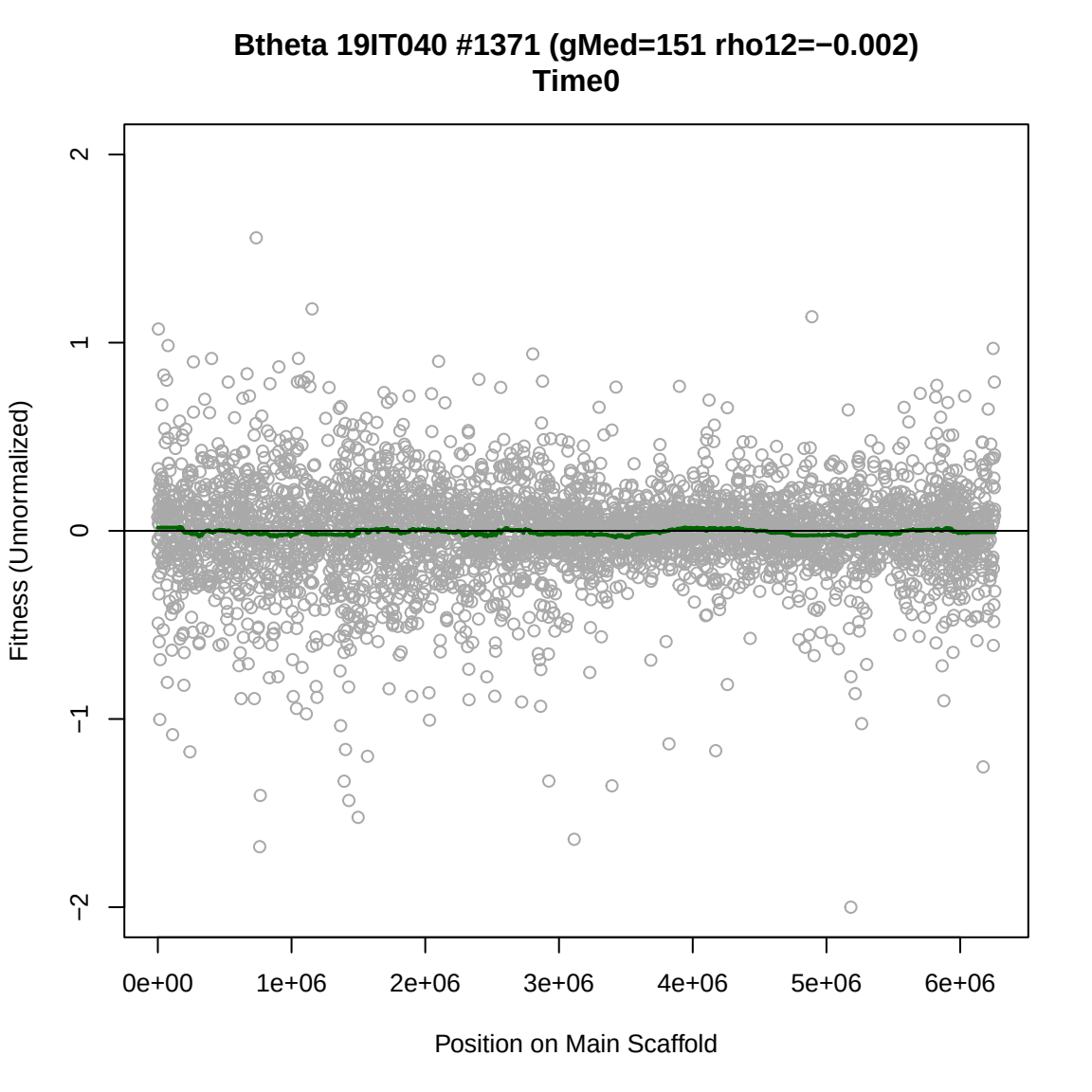

Btheta 19IT035 #1366 (gMed=84 rho12=0.293)
Post−colonization (Day 12) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

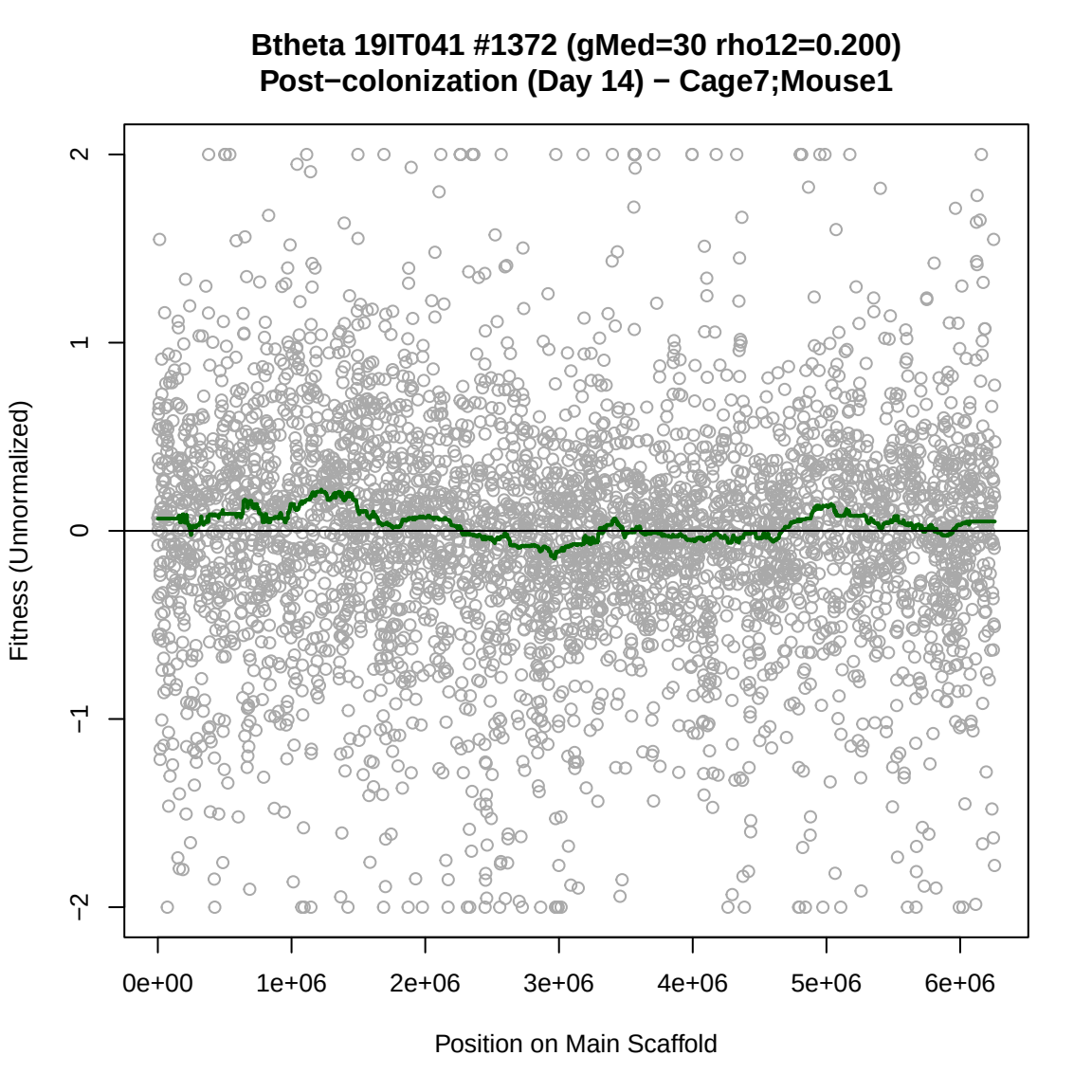

Btheta 19IT036 #1367 (gMed=55 rho12=0.290)
Post−colonization (Day 12) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

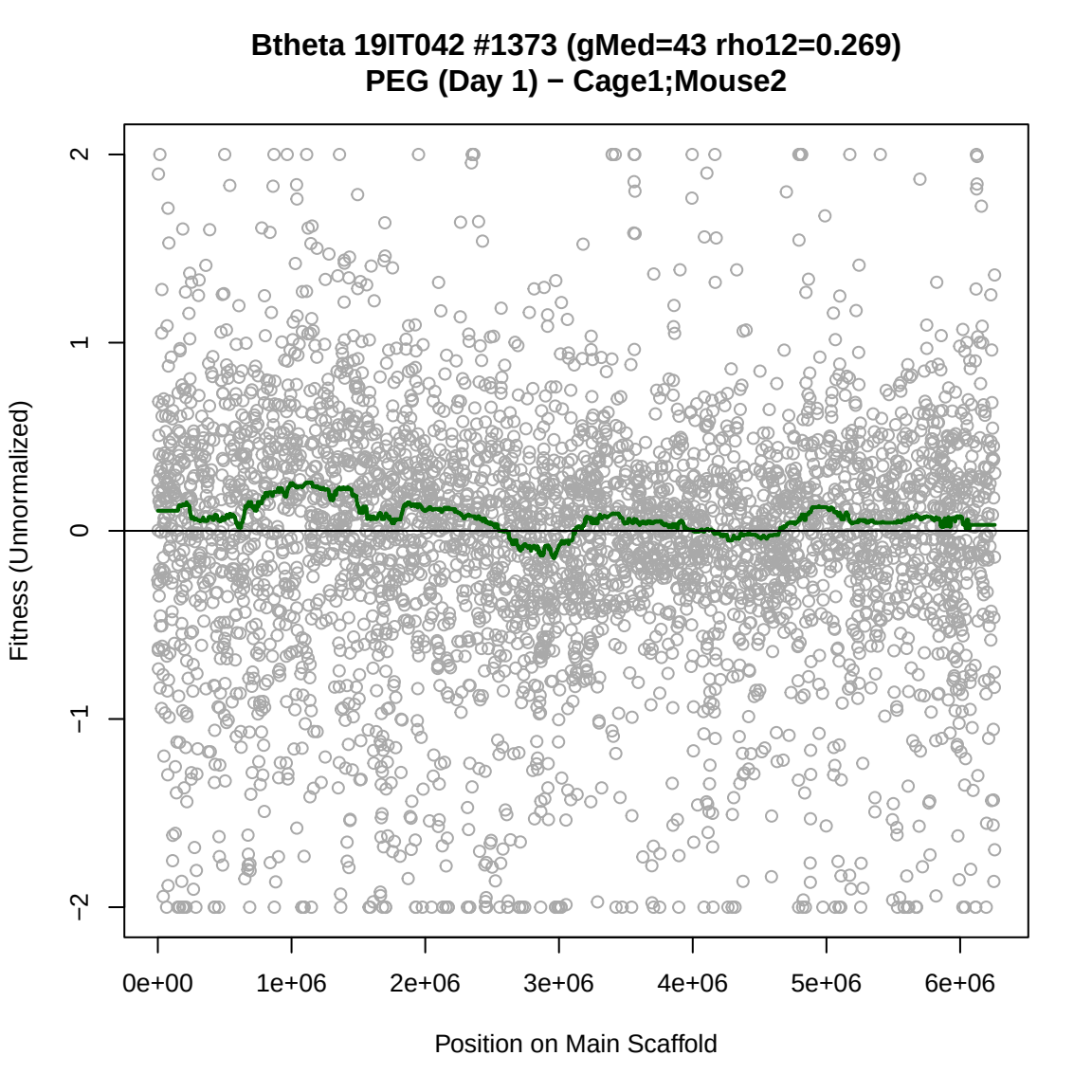

Btheta 19IT037 #1368 (gMed=110 rho12=0.312)
Post−colonization (Day 12) − Cage7;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

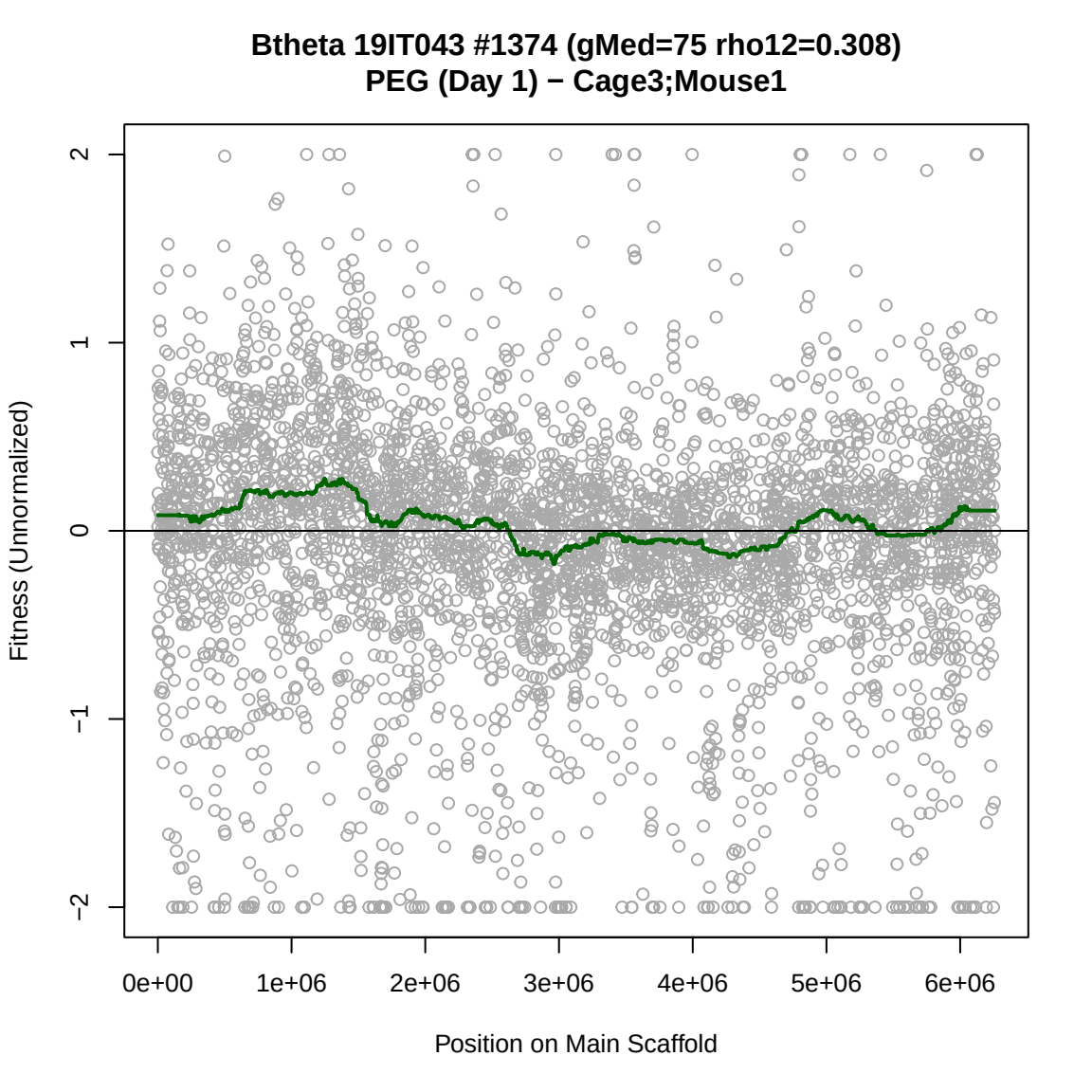

Btheta 19IT038 #1369 (gMed=105 rho12=0.347)
Post−colonization (Day 14) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

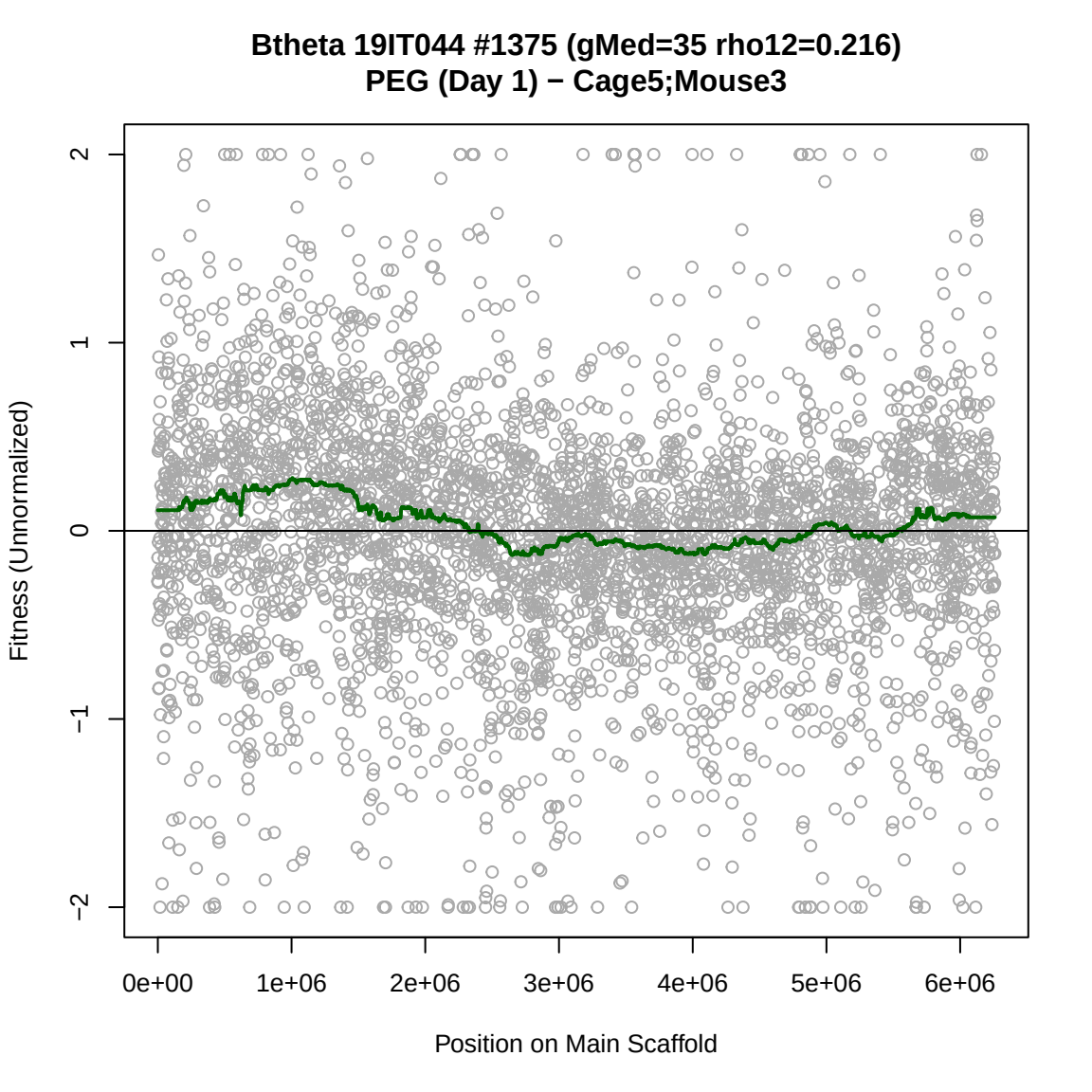

Btheta 19IT039 #1370 (gMed=110 rho12=0.373)
Post−colonization (Day 14) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

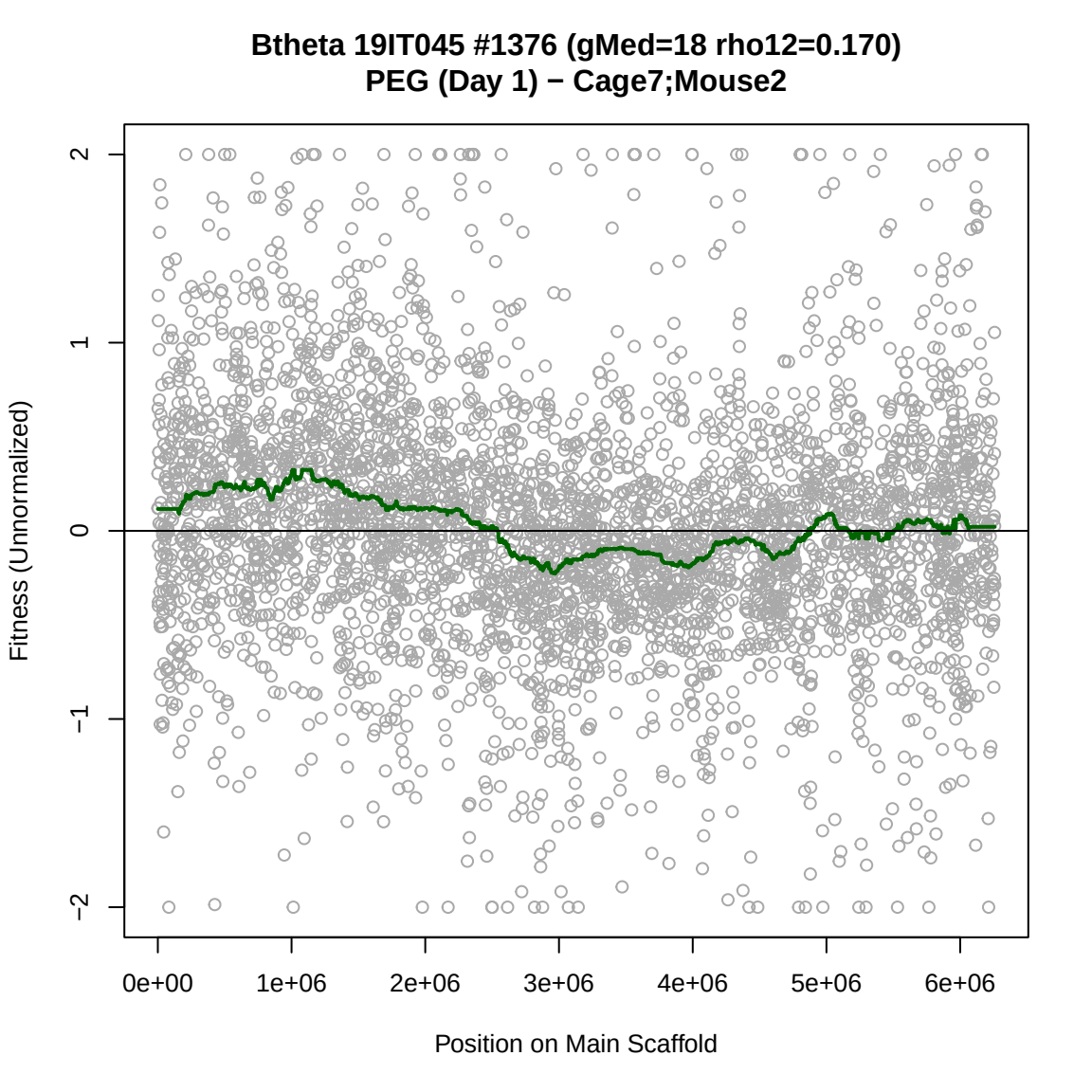

Btheta 19IT040 #1371 (gMed=151 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

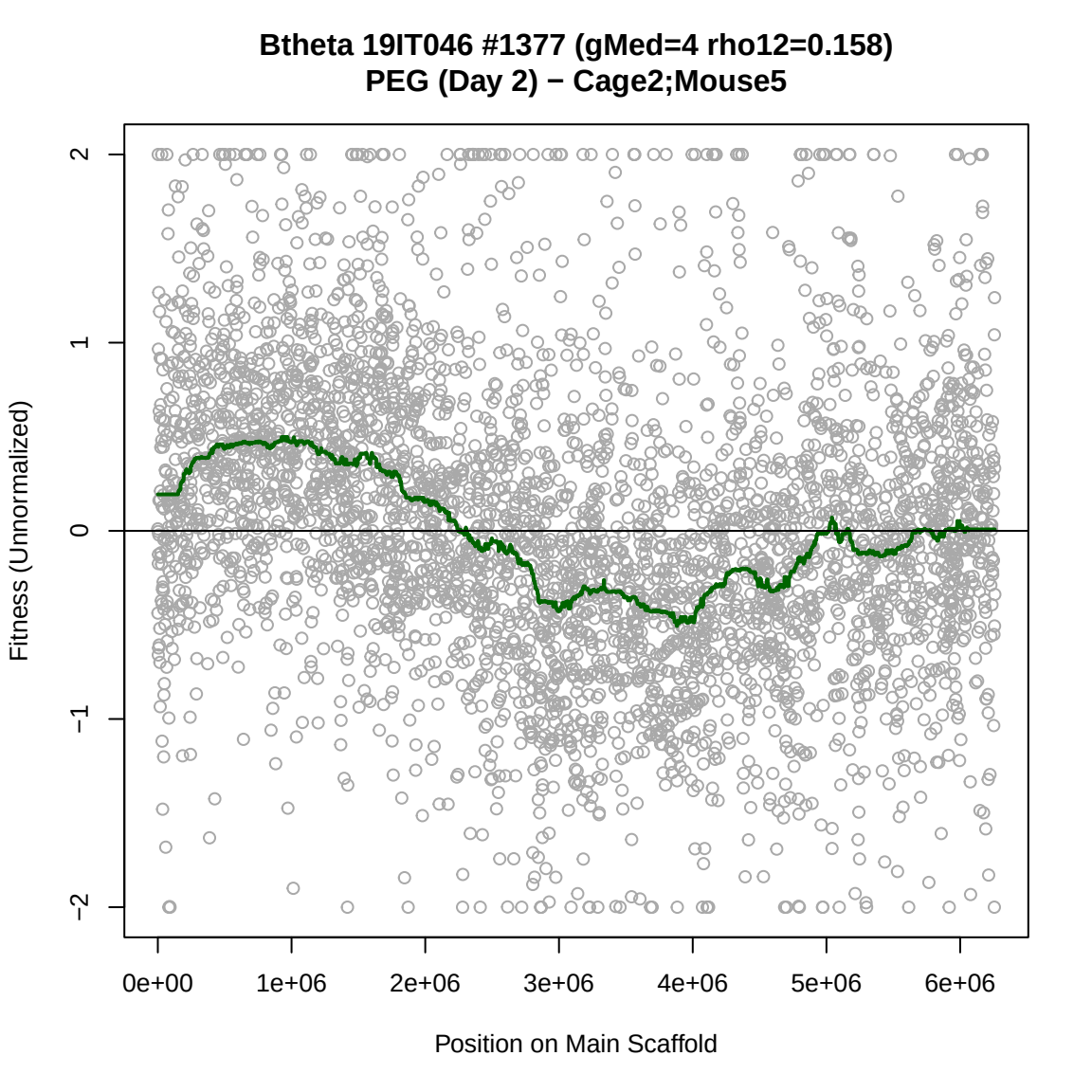

Btheta 19IT041 #1372 (gMed=30 rho12=0.200)
Post−colonization (Day 14) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

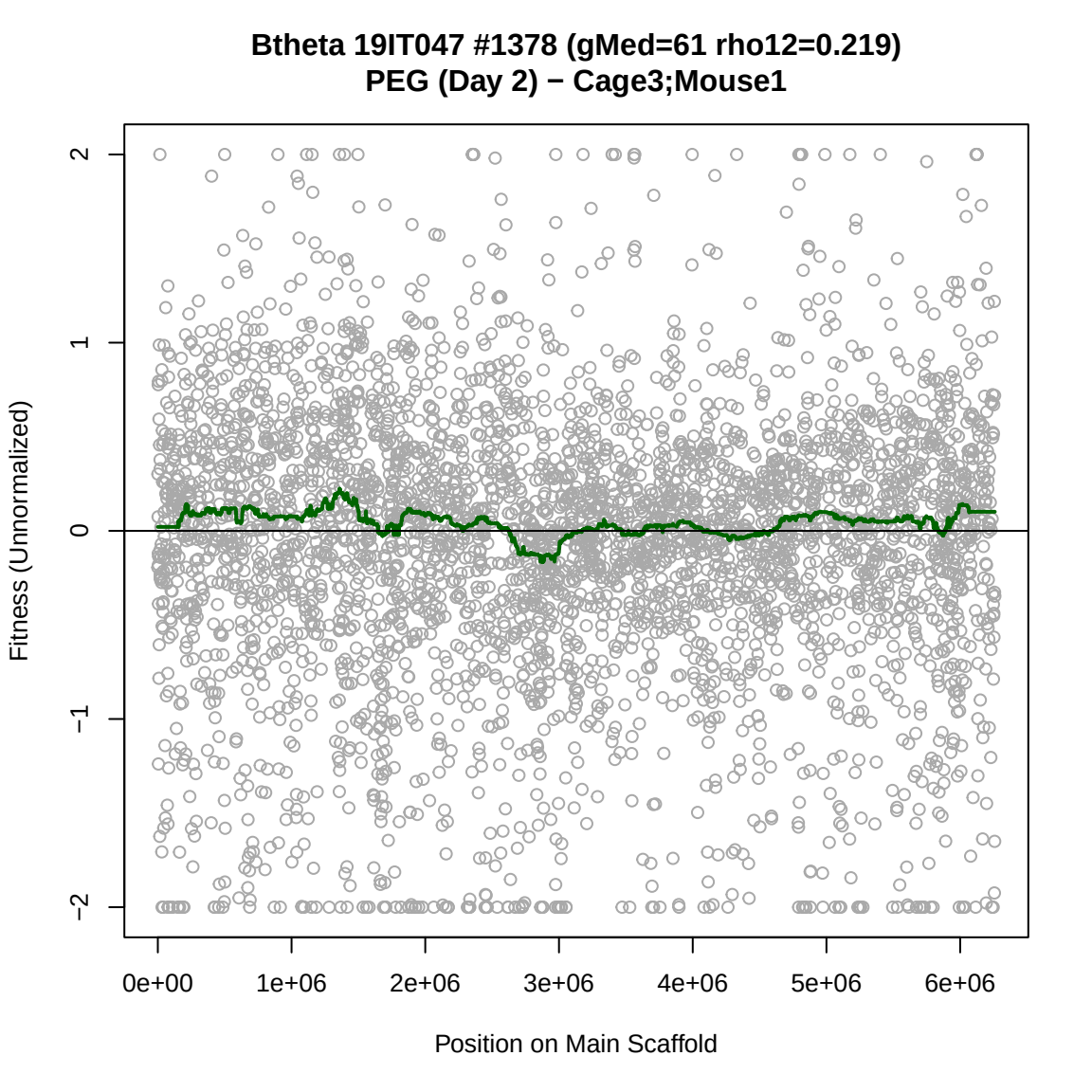

Btheta 19IT042 #1373 (gMed=43 rho12=0.269)
PEG (Day 1) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

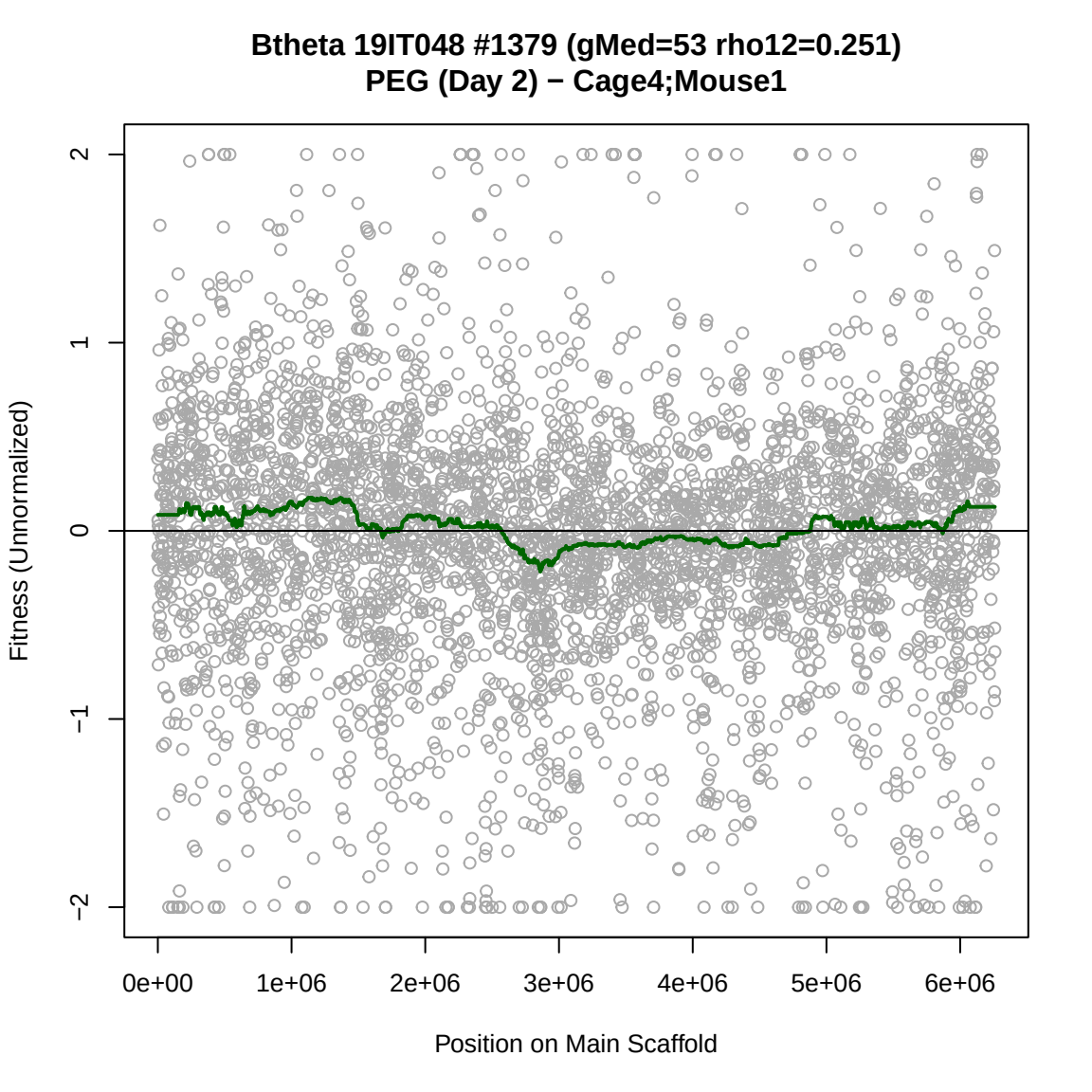

Btheta 19IT043 #1374 (gMed=75 rho12=0.308)
PEG (Day 1) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

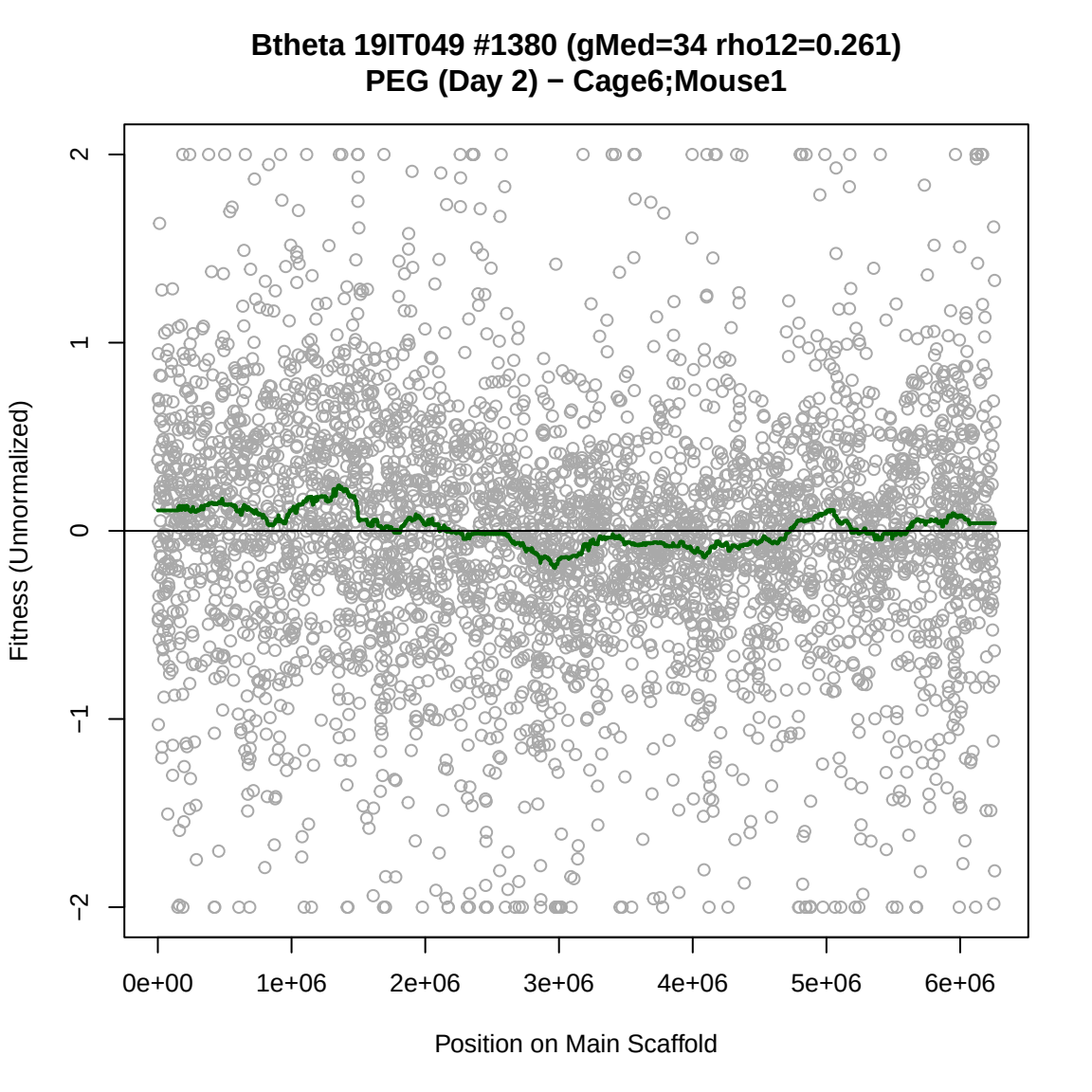

Btheta 19IT044 #1375 (gMed=35 rho12=0.216)
PEG (Day 1) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

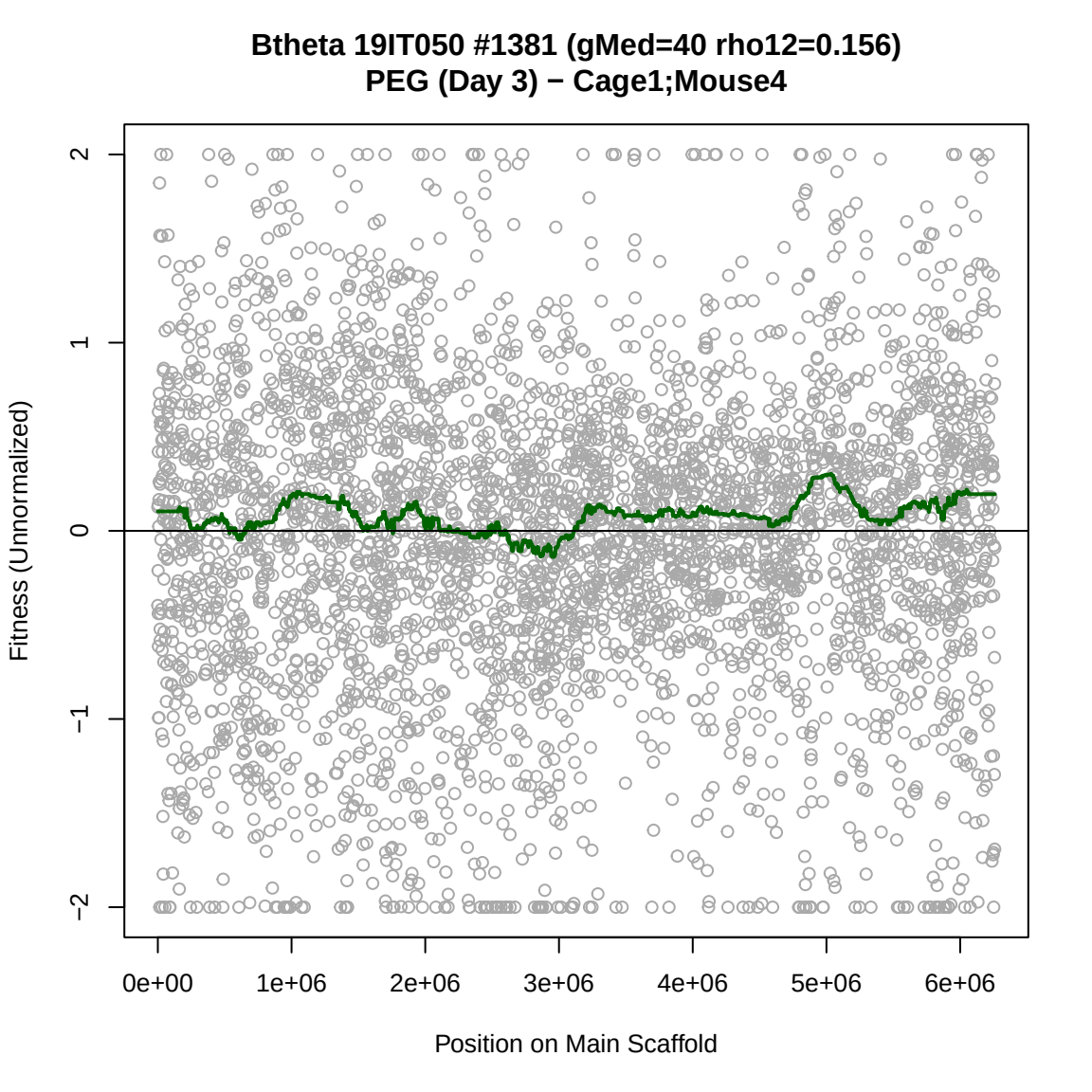

Btheta 19IT045 #1376 (gMed=18 rho12=0.170)
PEG (Day 1) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

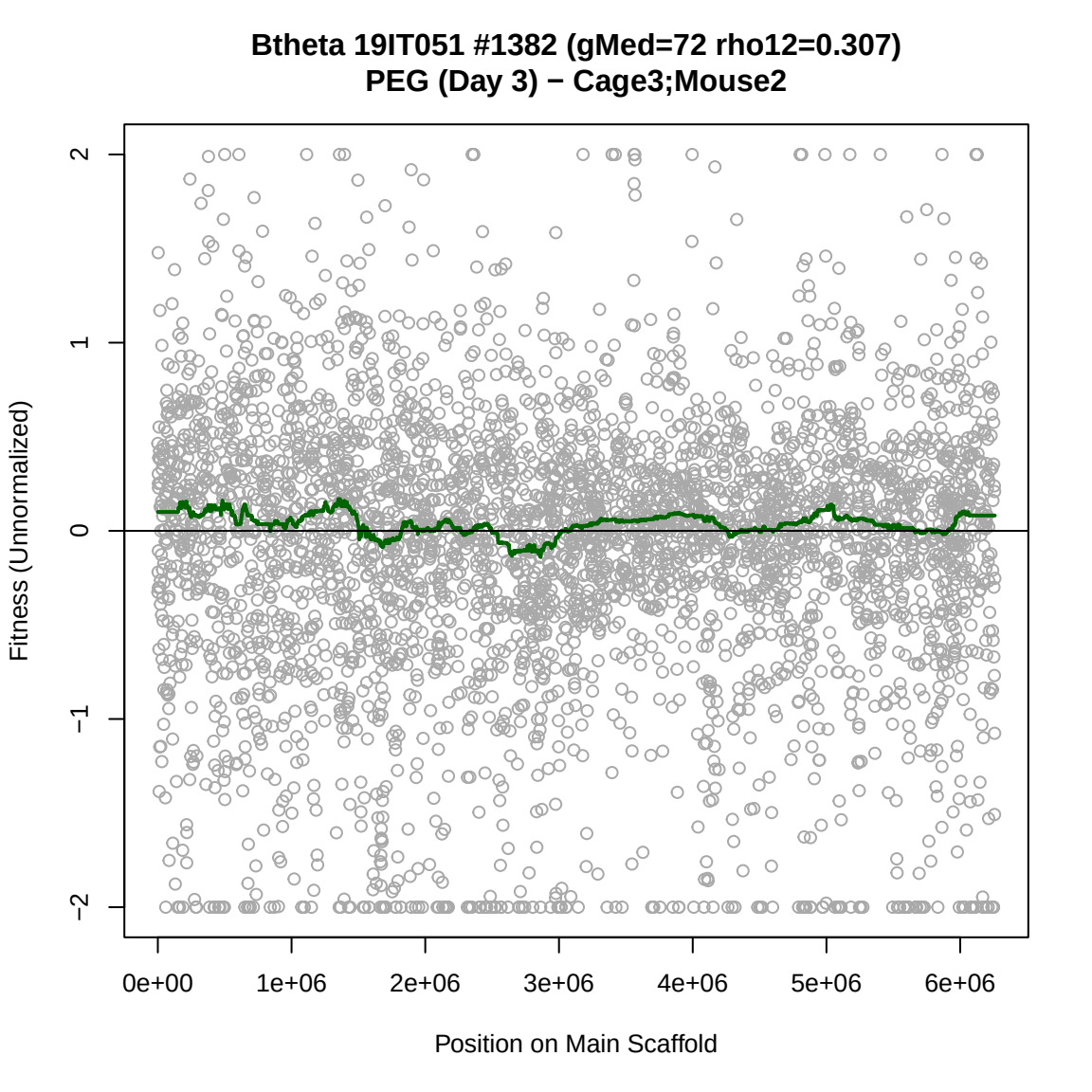

Btheta 19IT046 #1377 (gMed=4 rho12=0.158)
PEG (Day 2) − Cage2;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

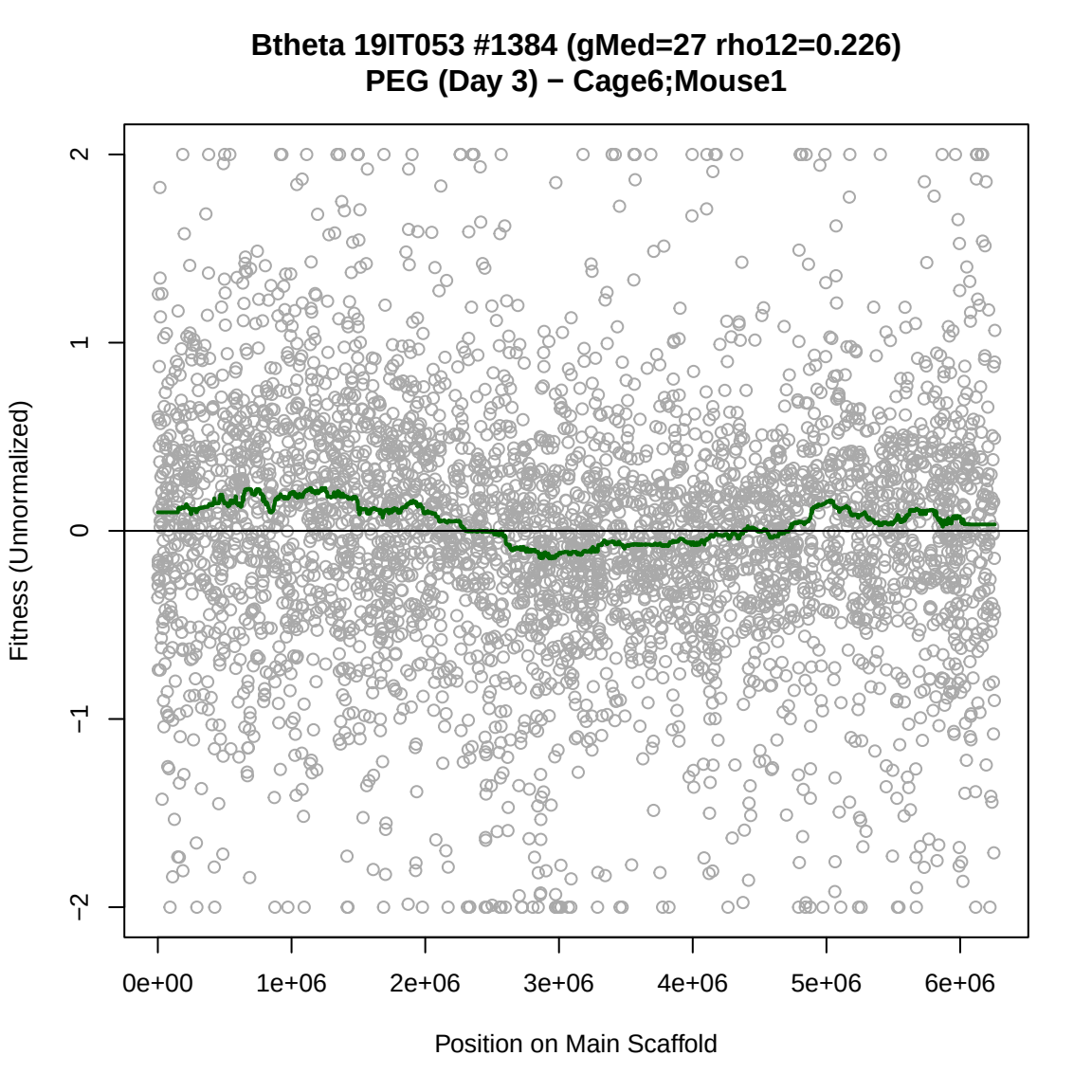

Btheta 19IT047 #1378 (gMed=61 rho12=0.219)
PEG (Day 2) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

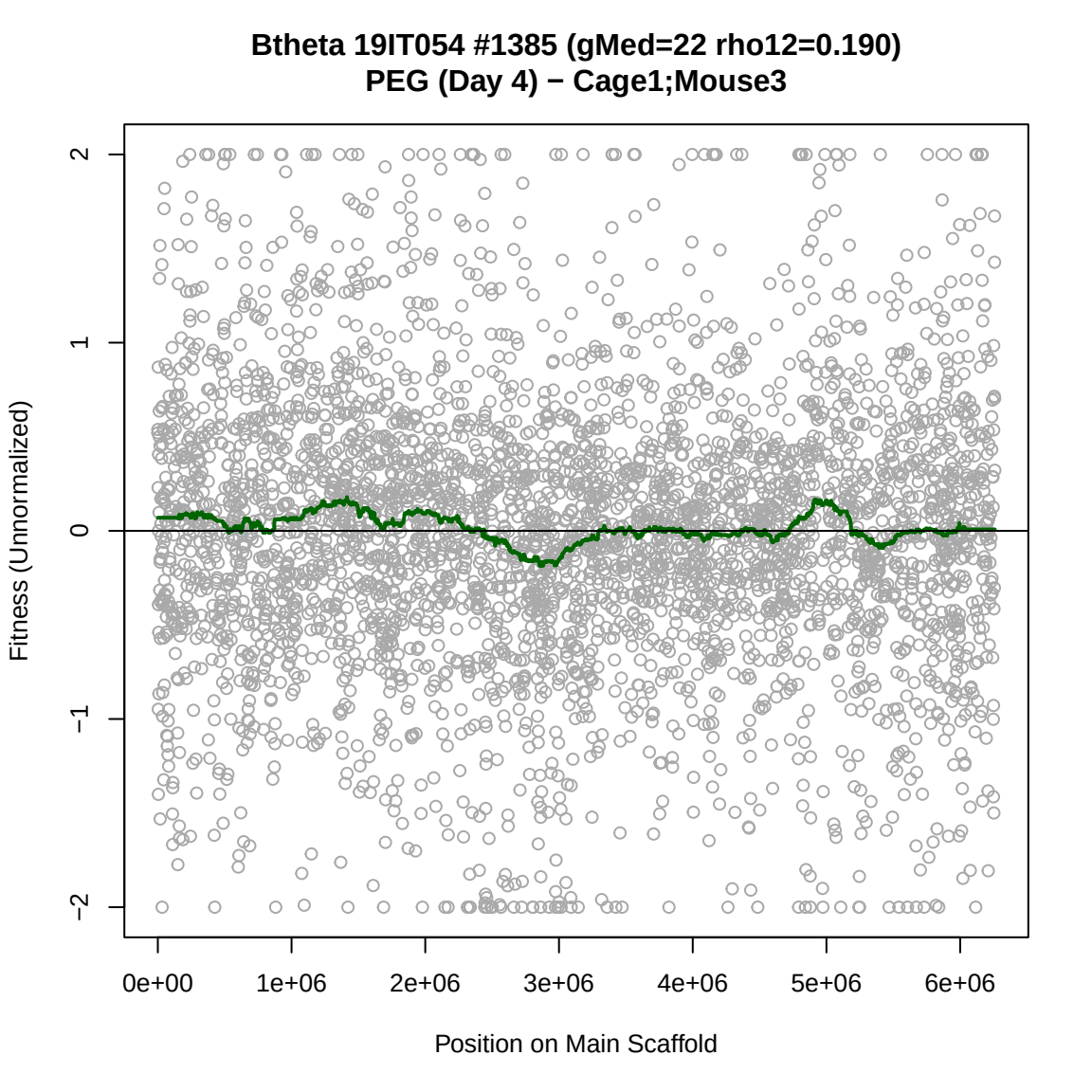

Btheta 19IT048 #1379 (gMed=53 rho12=0.251)
PEG (Day 2) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

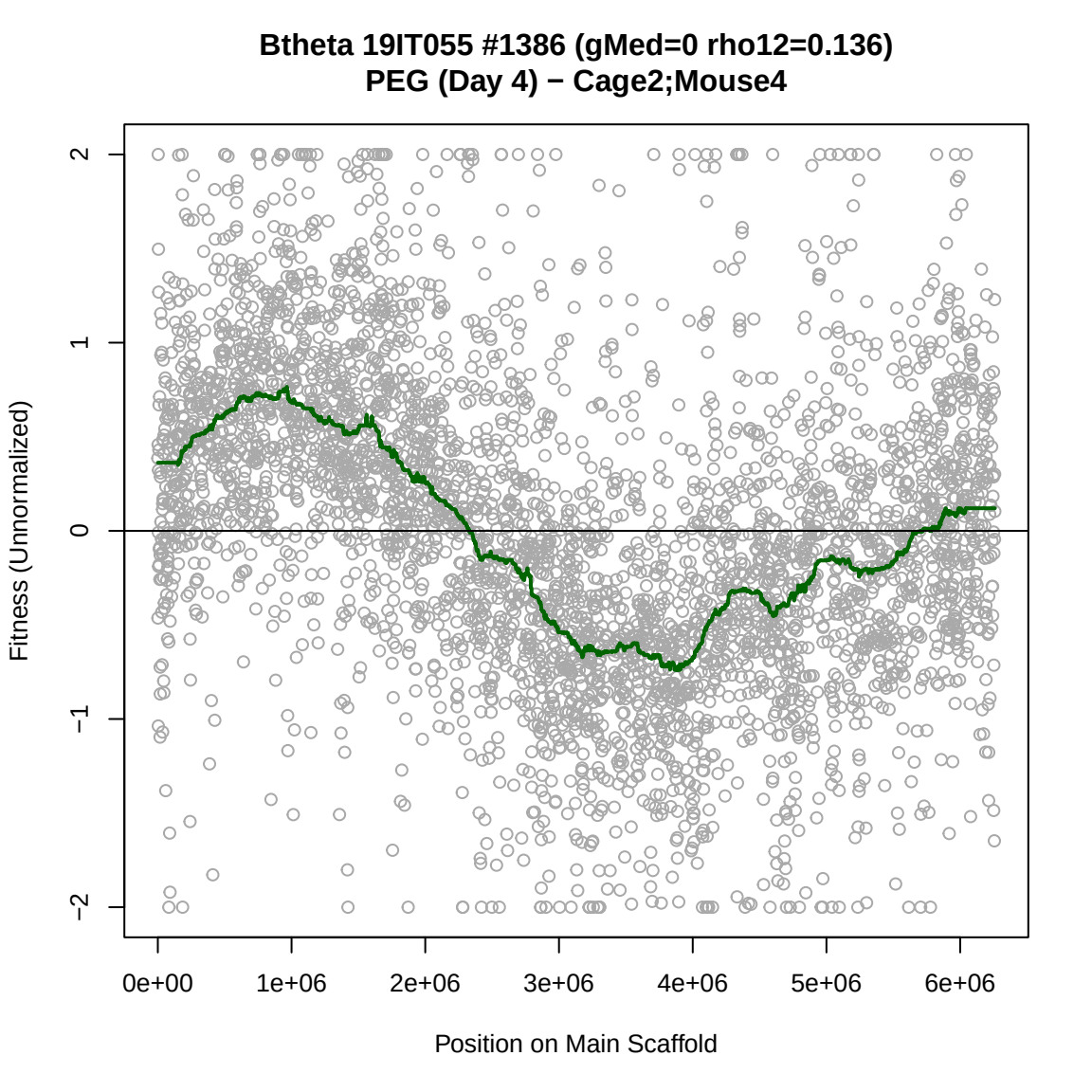

Btheta 19IT049 #1380 (gMed=34 rho12=0.261)
PEG (Day 2) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

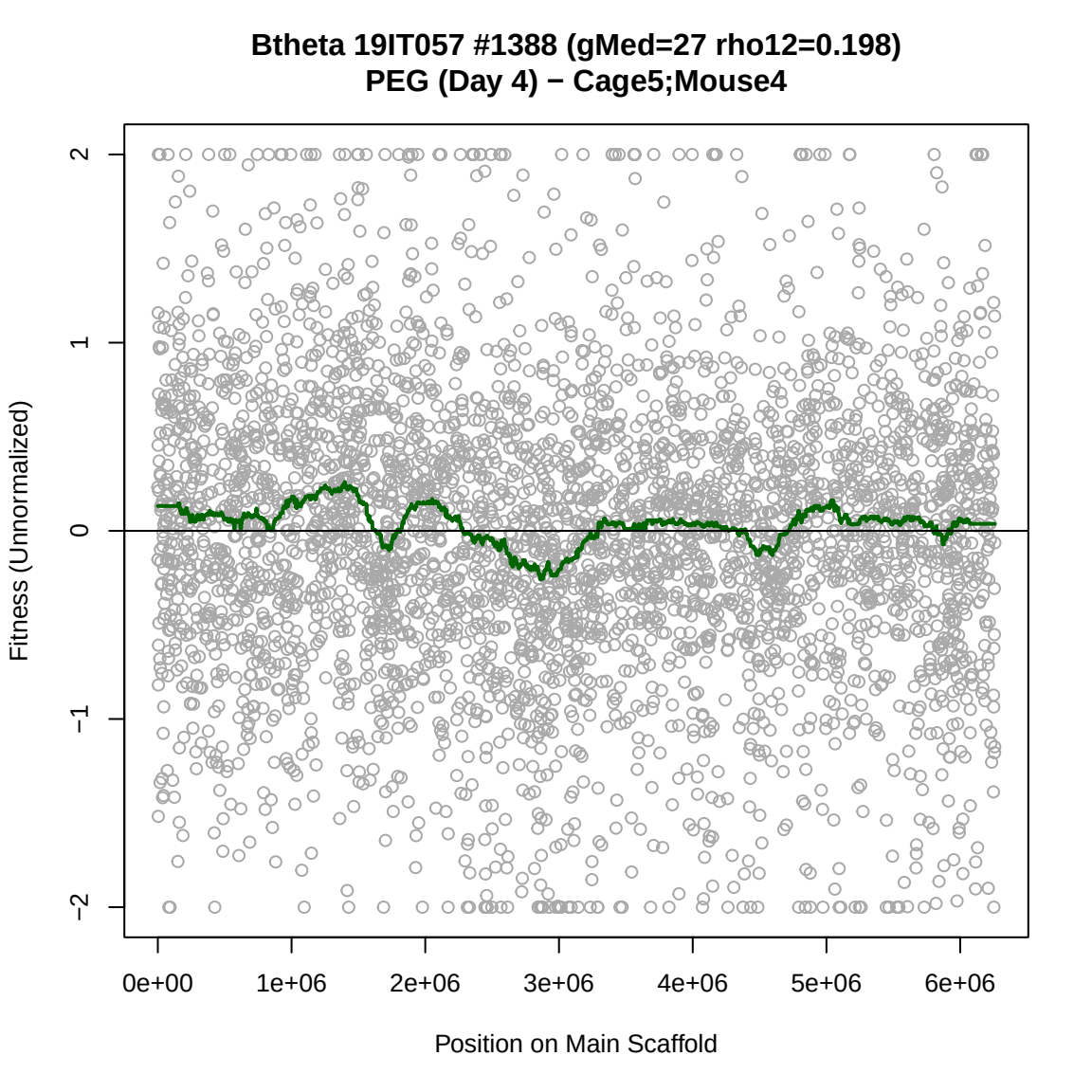

Btheta 19IT050 #1381 (gMed=40 rho12=0.156)
PEG (Day 3) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

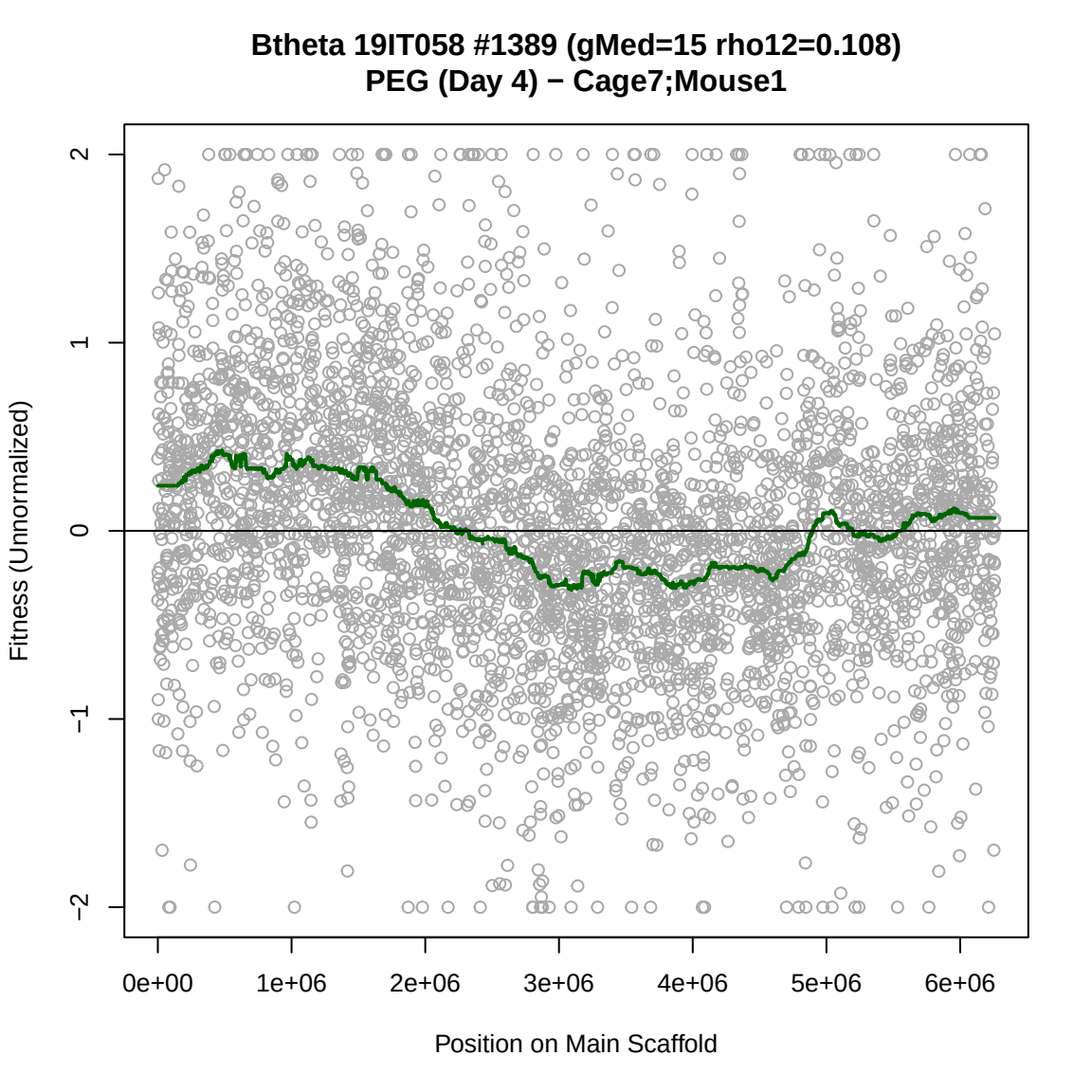

Btheta 19IT051 #1382 (gMed=72 rho12=0.307)
PEG (Day 3) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

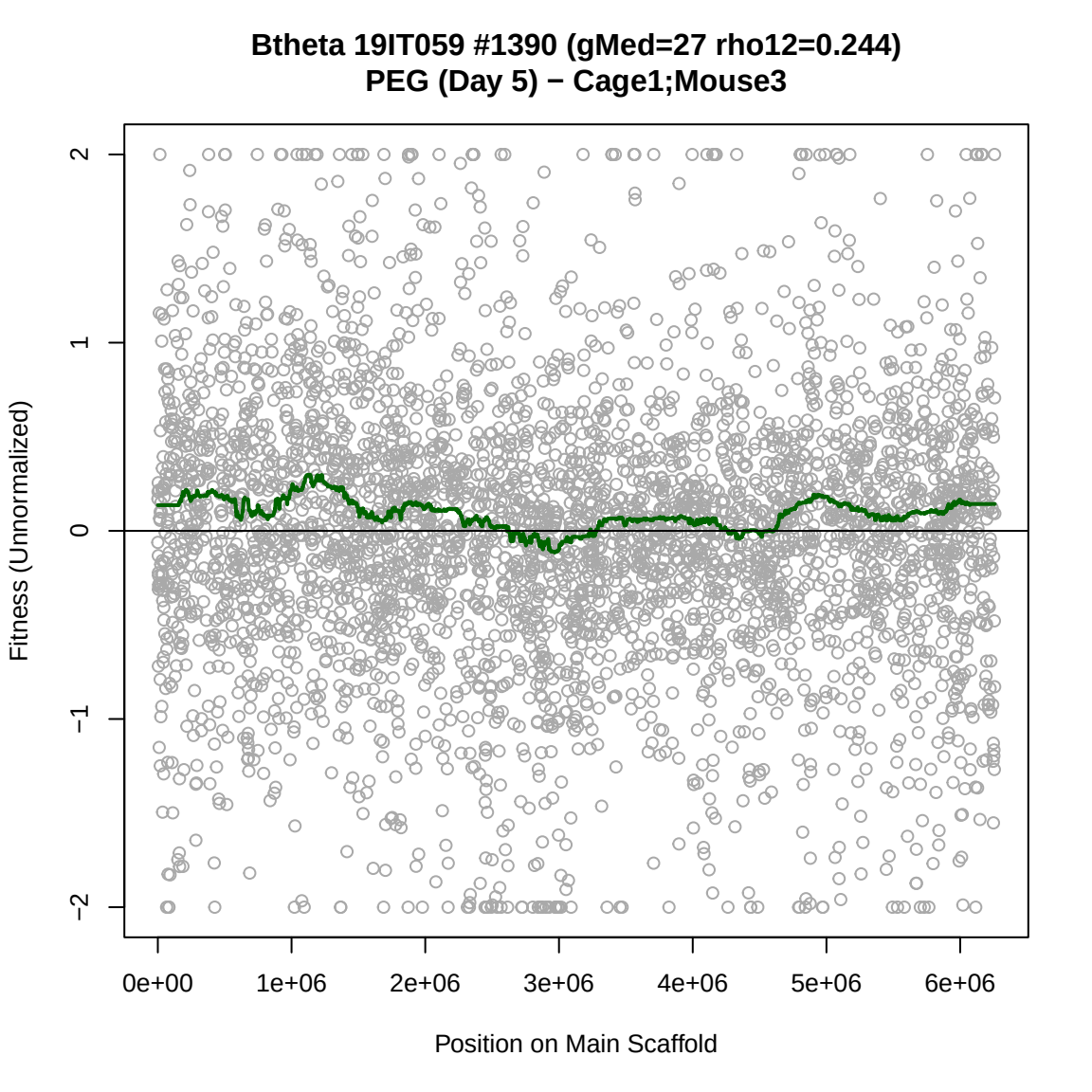

Btheta 19IT053 #1384 (gMed=27 rho12=0.226)
PEG (Day 3) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

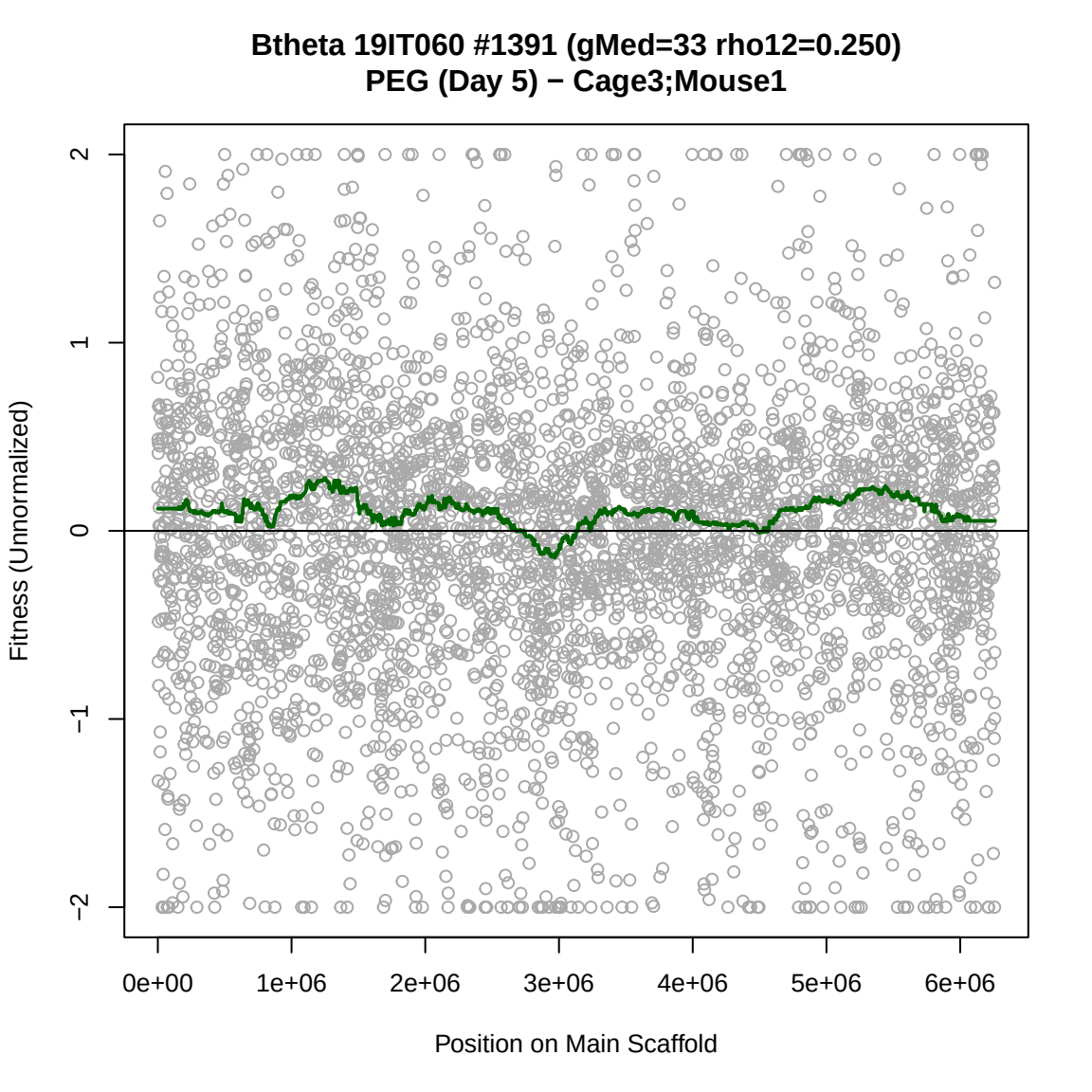

Btheta 19IT054 #1385 (gMed=22 rho12=0.190)
PEG (Day 4) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

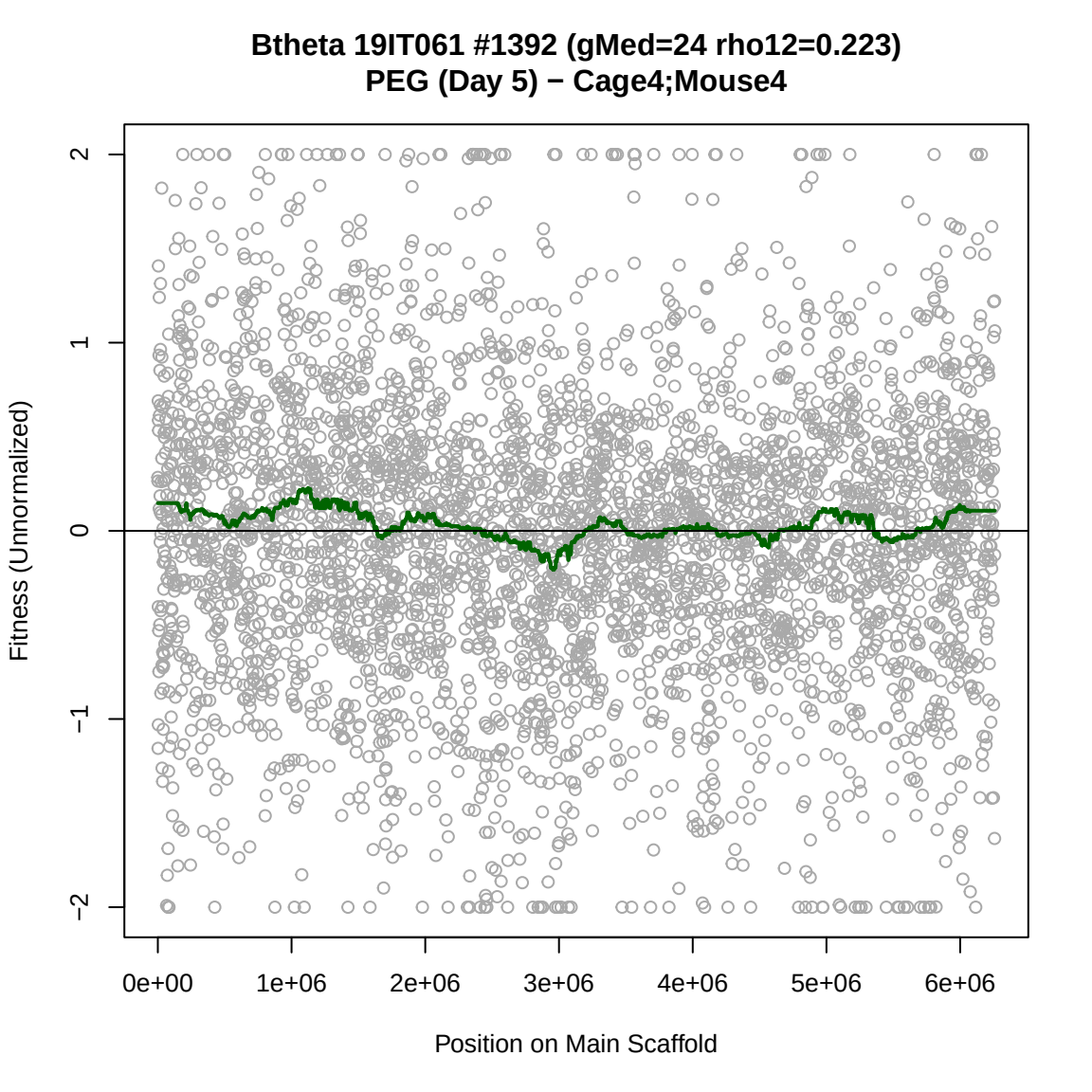

Btheta 19IT055 #1386 (gMed=0 rho12=0.136)
PEG (Day 4) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

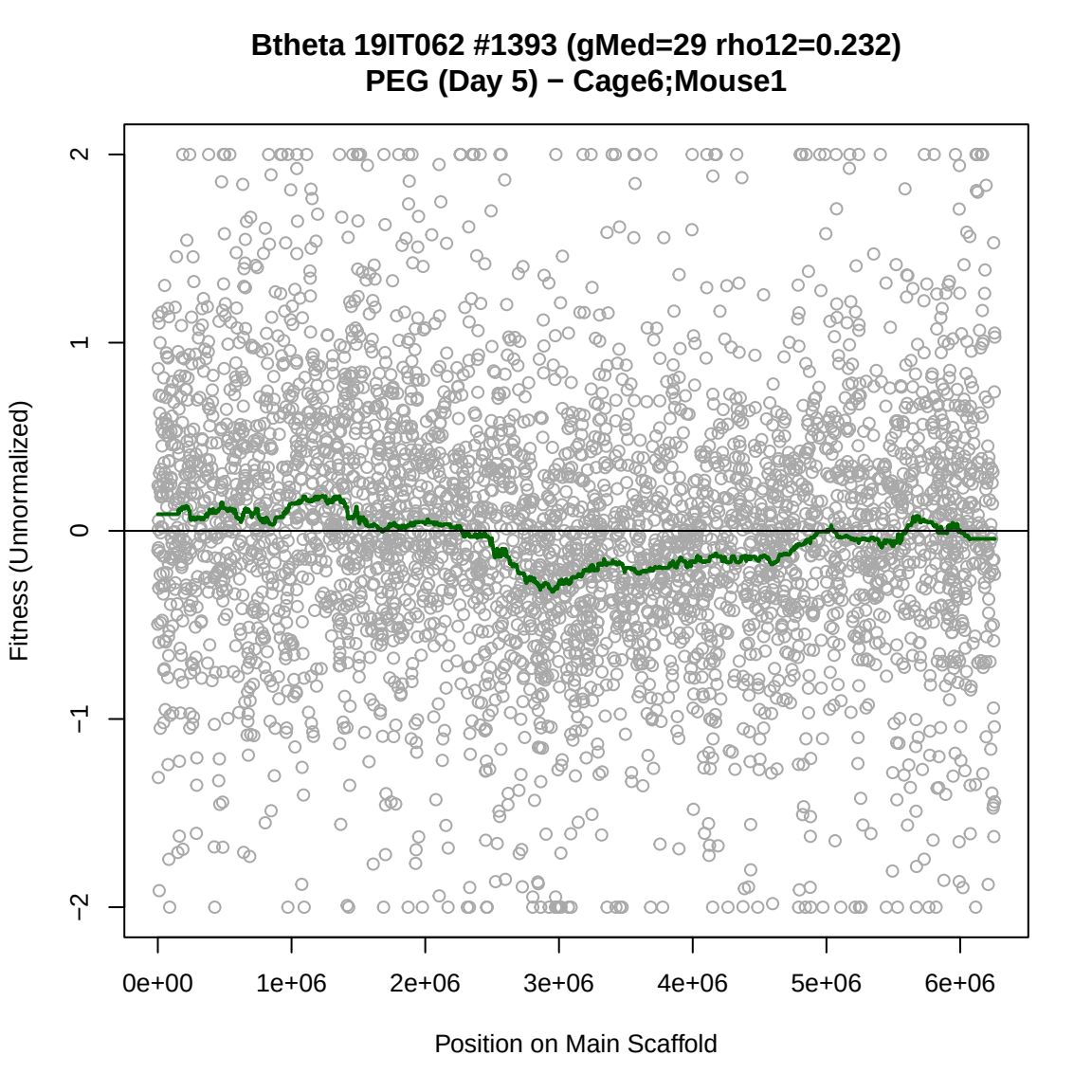

Btheta 19IT057 #1388 (gMed=27 rho12=0.198)
PEG (Day 4) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

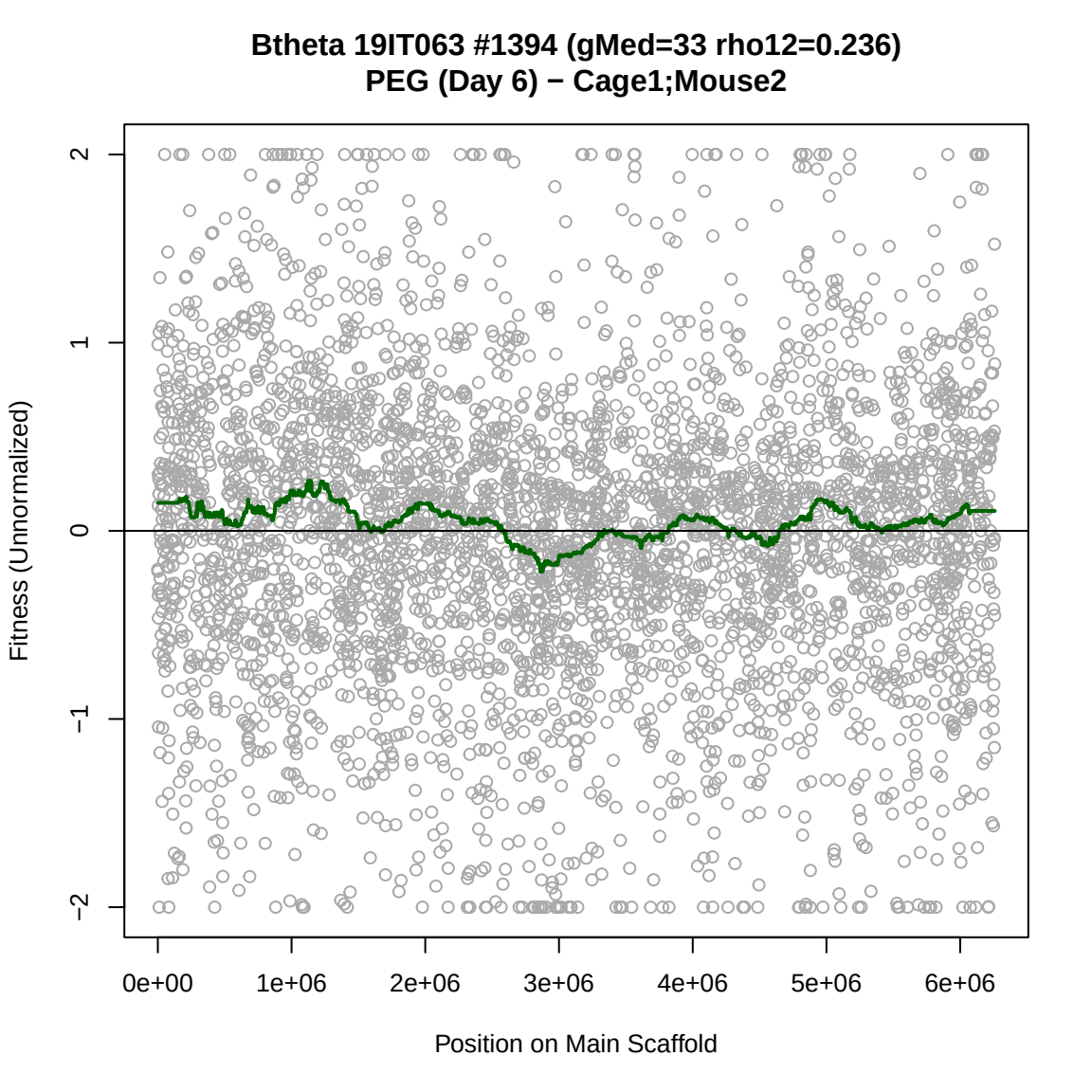

Btheta 19IT058 #1389 (gMed=15 rho12=0.108)
PEG (Day 4) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

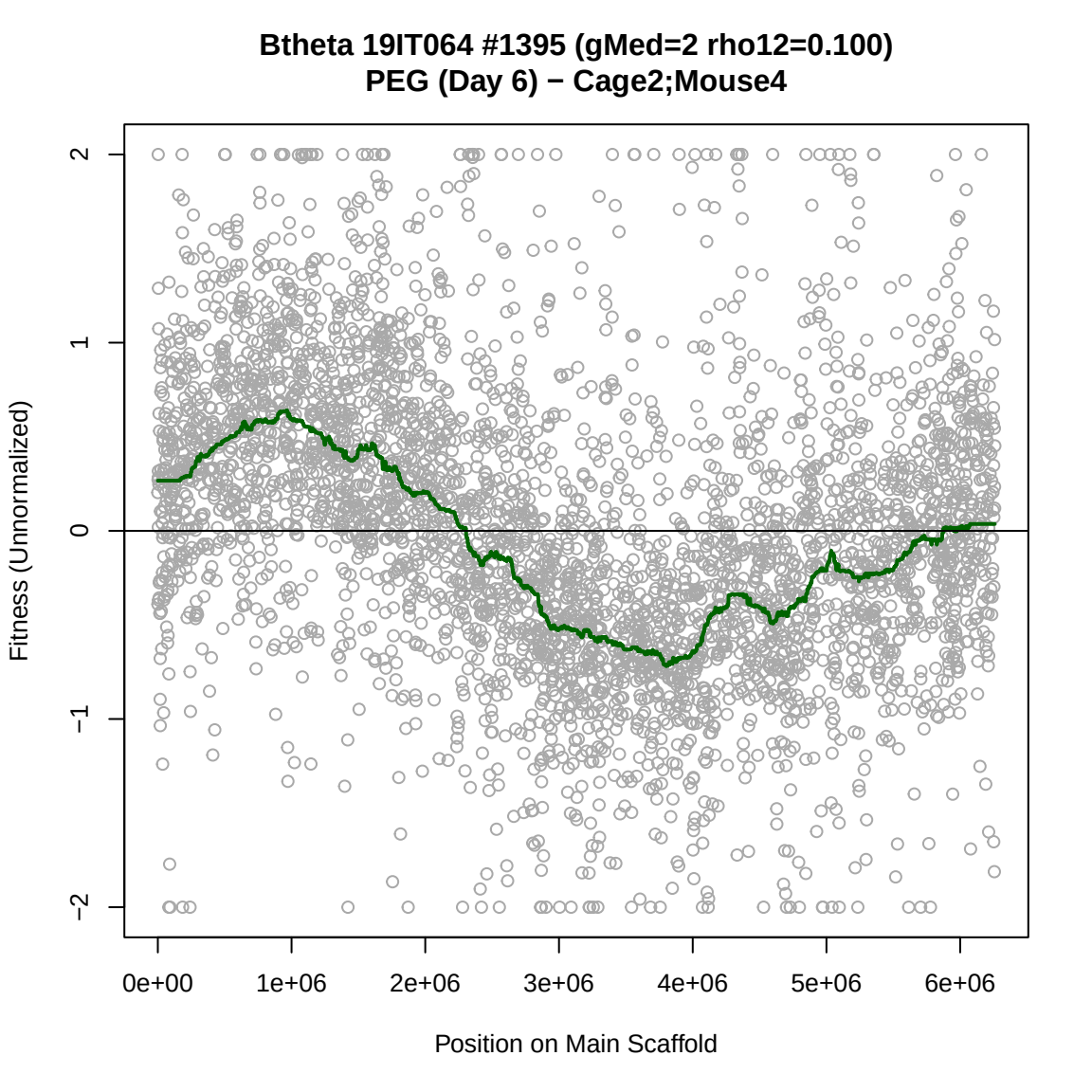

Btheta 19IT059 #1390 (gMed=27 rho12=0.244)
PEG (Day 5) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

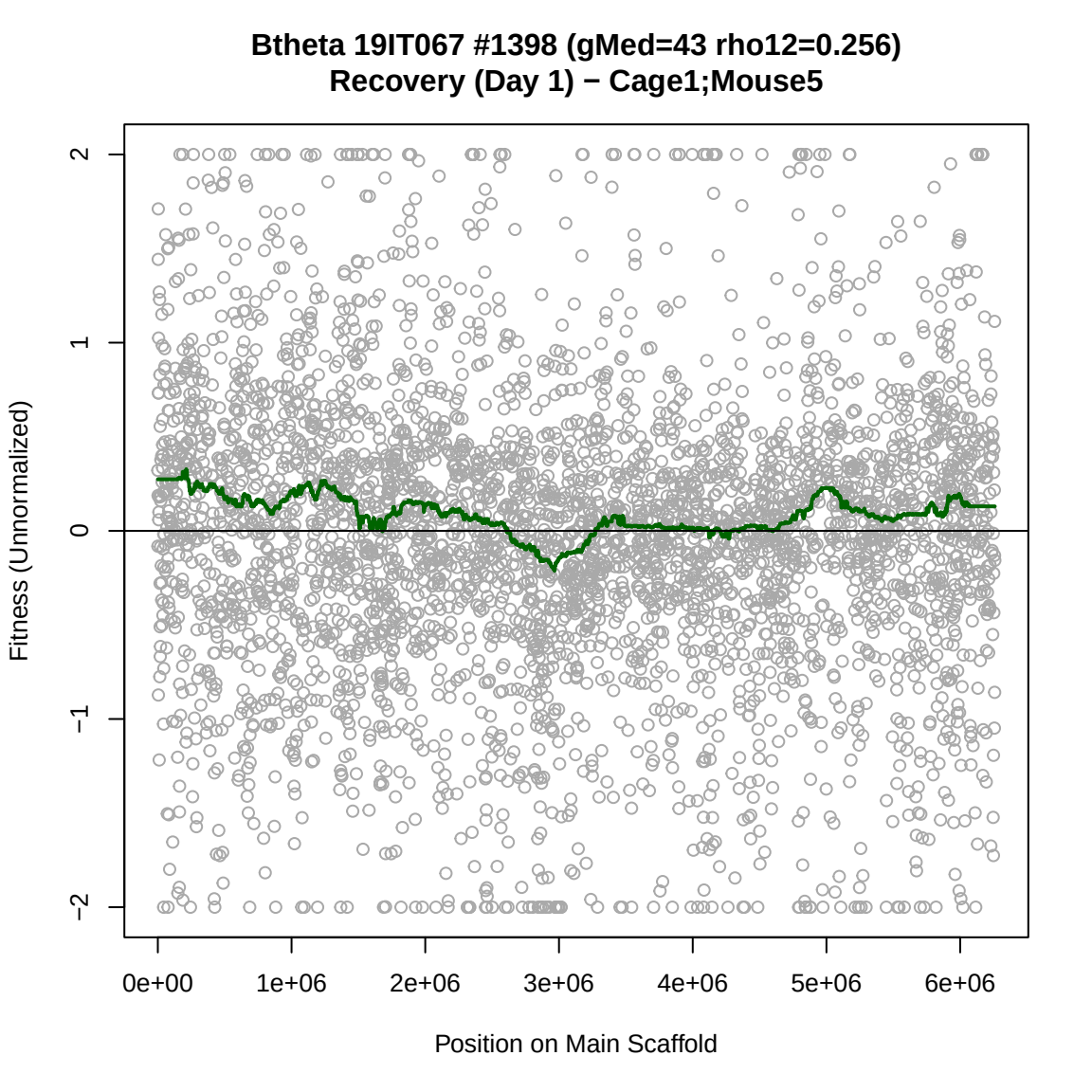

Btheta 19IT060 #1391 (gMed=33 rho12=0.250)
PEG (Day 5) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

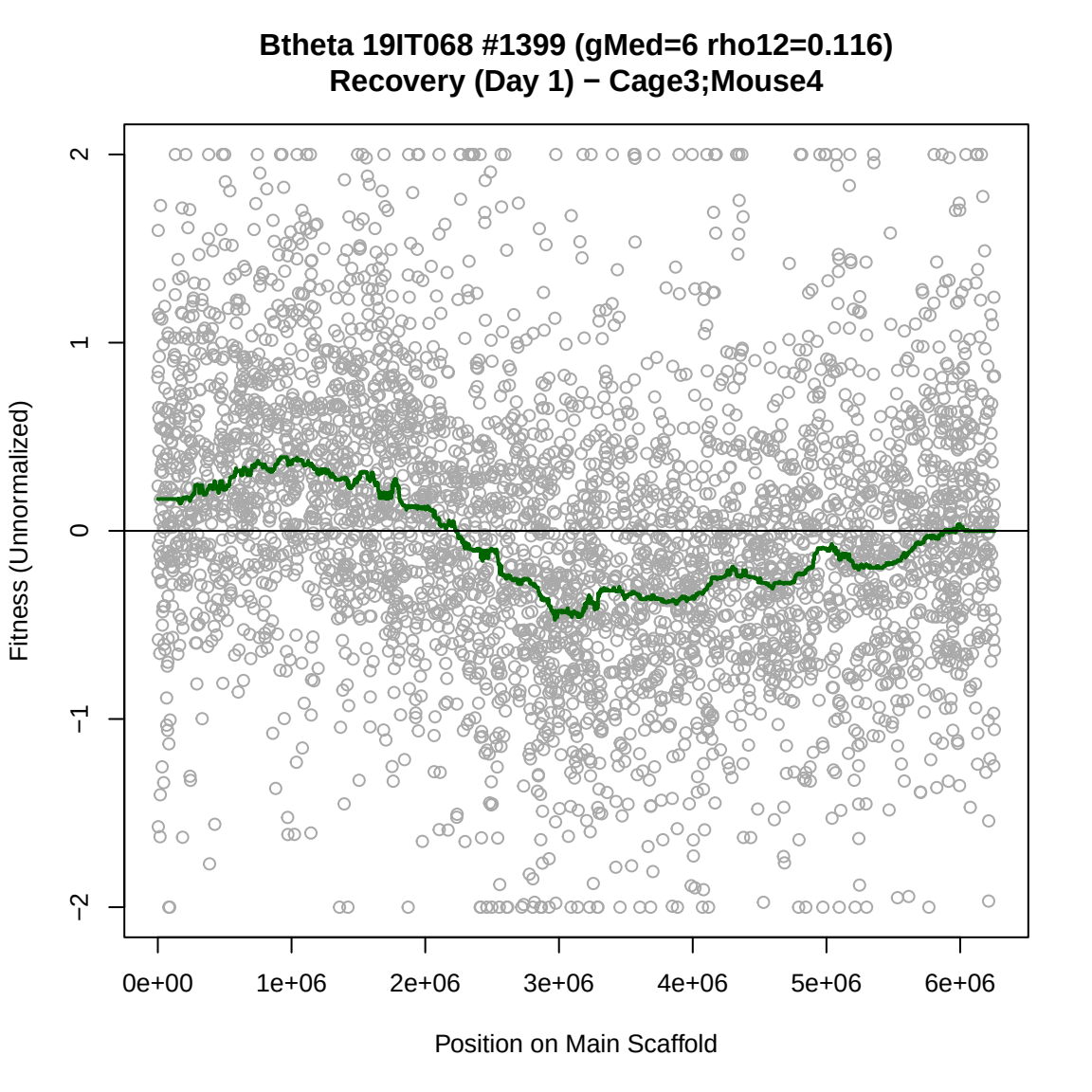

Btheta 19IT061 #1392 (gMed=24 rho12=0.223)
PEG (Day 5) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

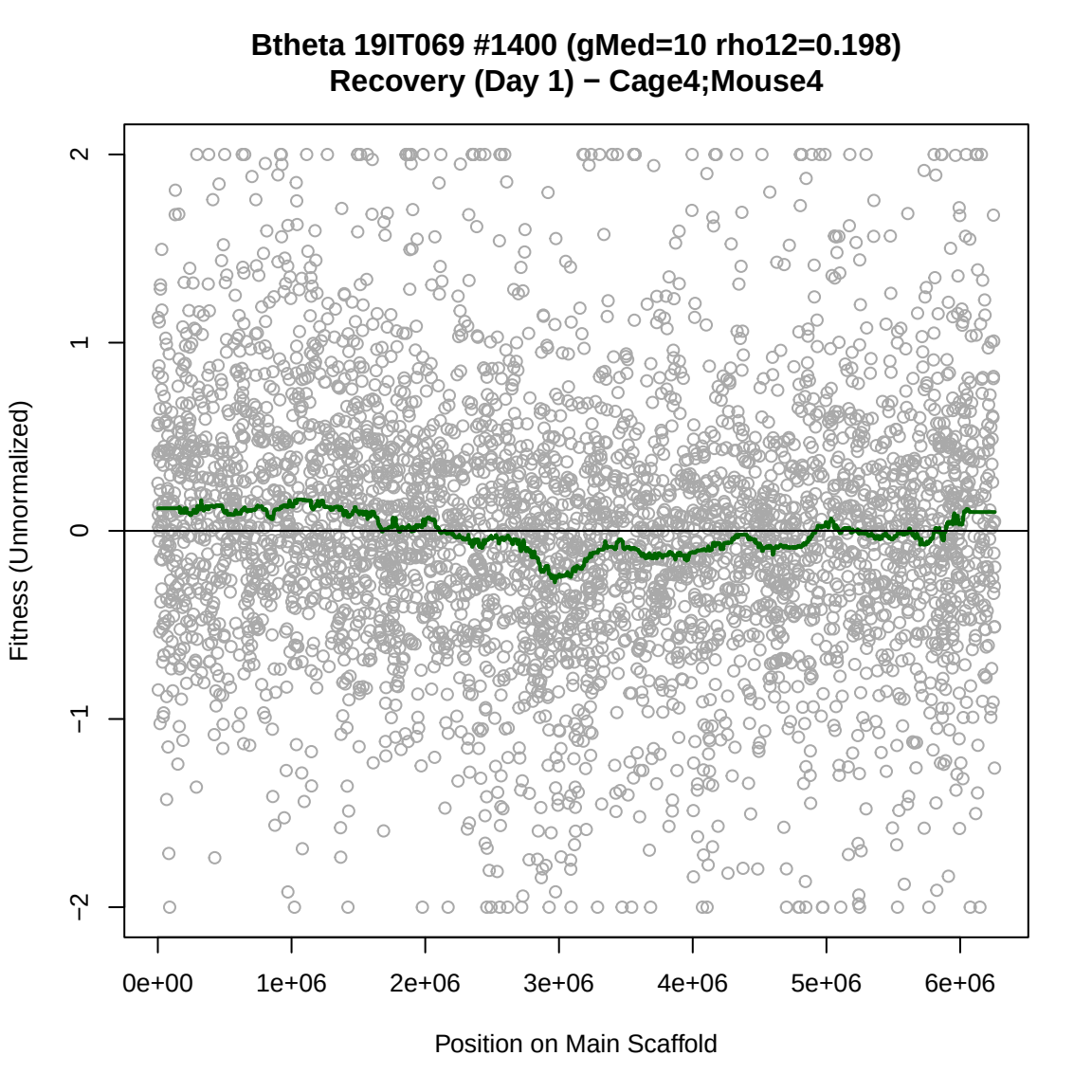

Btheta 19IT062 #1393 (gMed=29 rho12=0.232)
PEG (Day 5) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

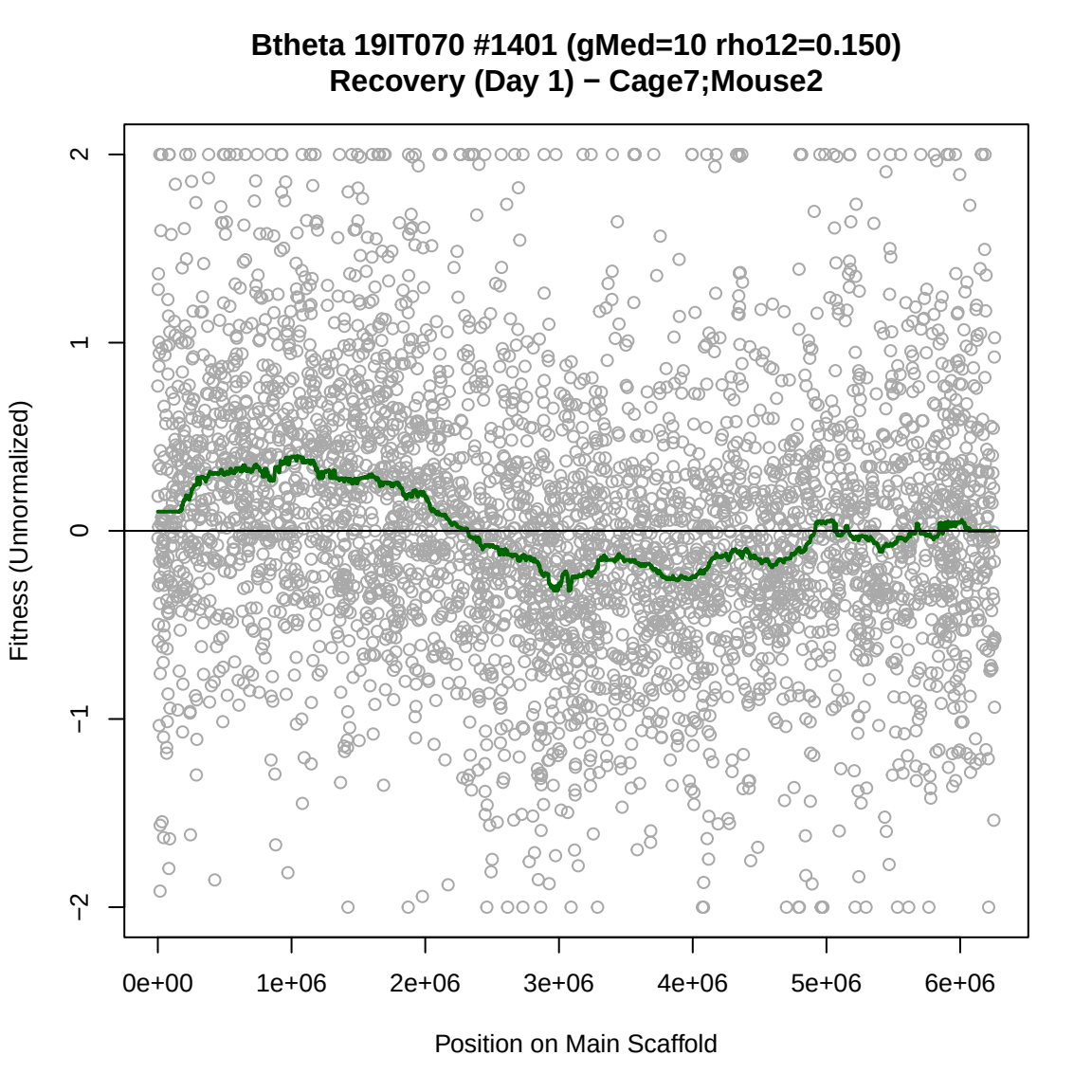

Btheta 19IT063 #1394 (gMed=33 rho12=0.236)
PEG (Day 6) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

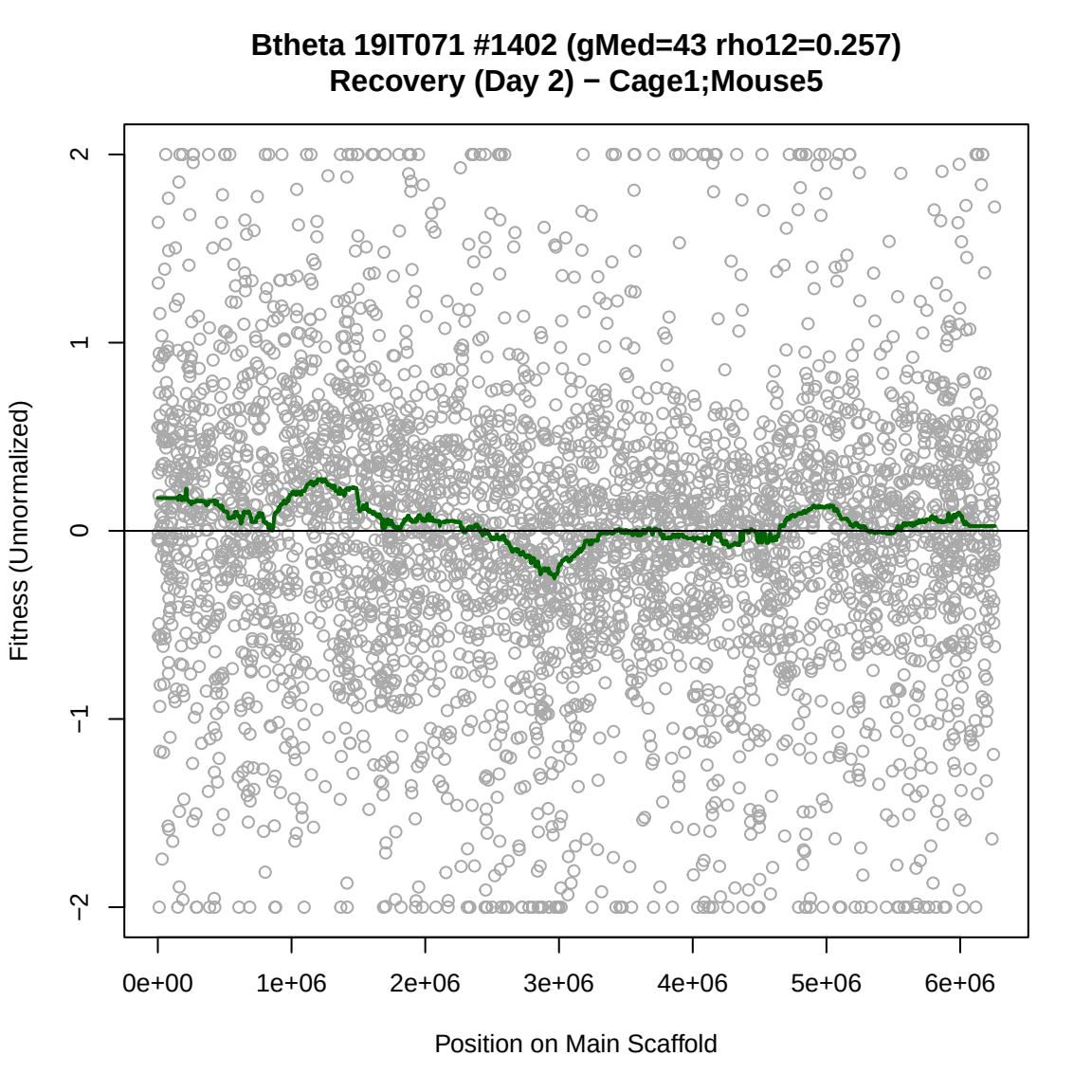

Btheta 19IT064 #1395 (gMed=2 rho12=0.100)
PEG (Day 6) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

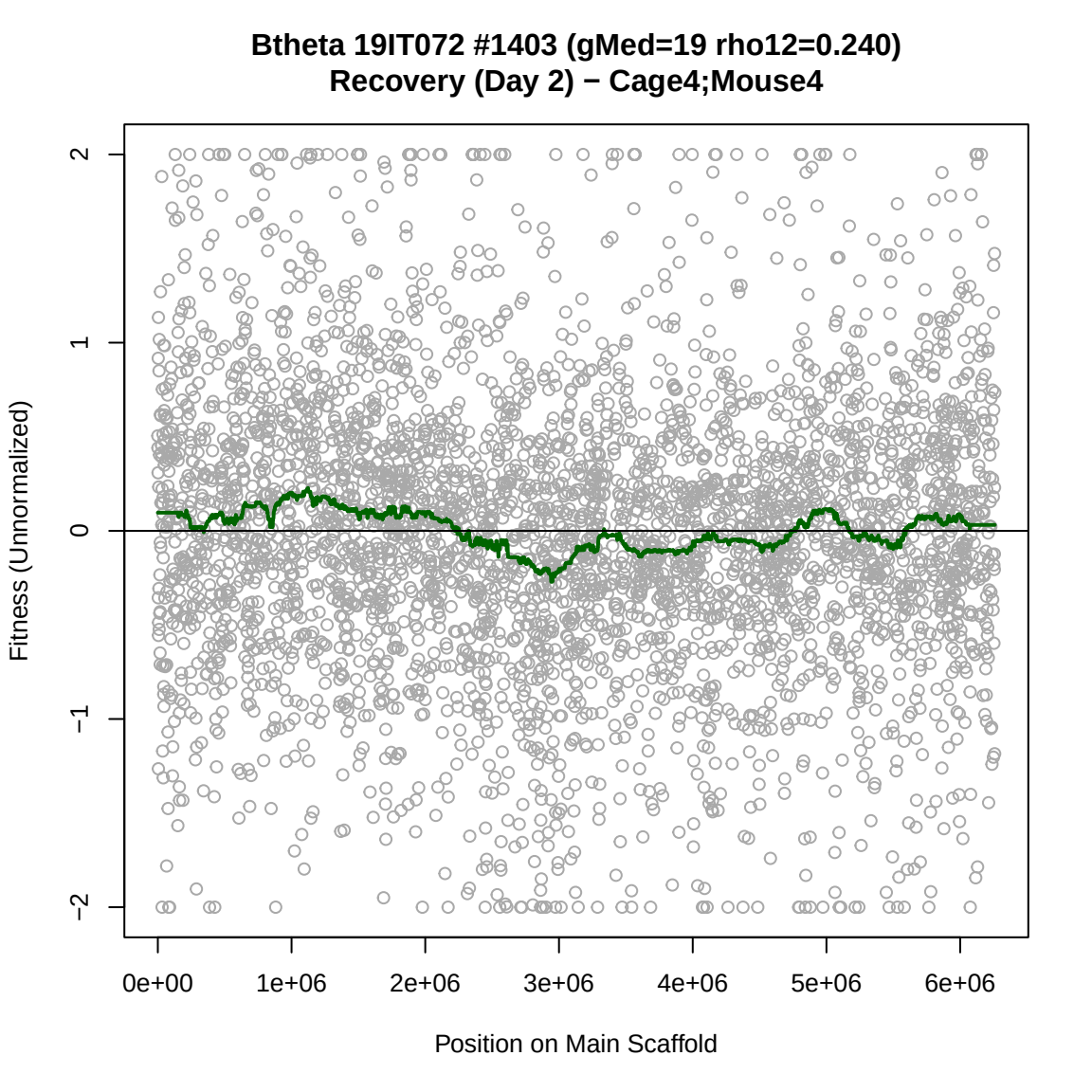

Btheta 19IT067 #1398 (gMed=43 rho12=0.256)
Recovery (Day 1) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

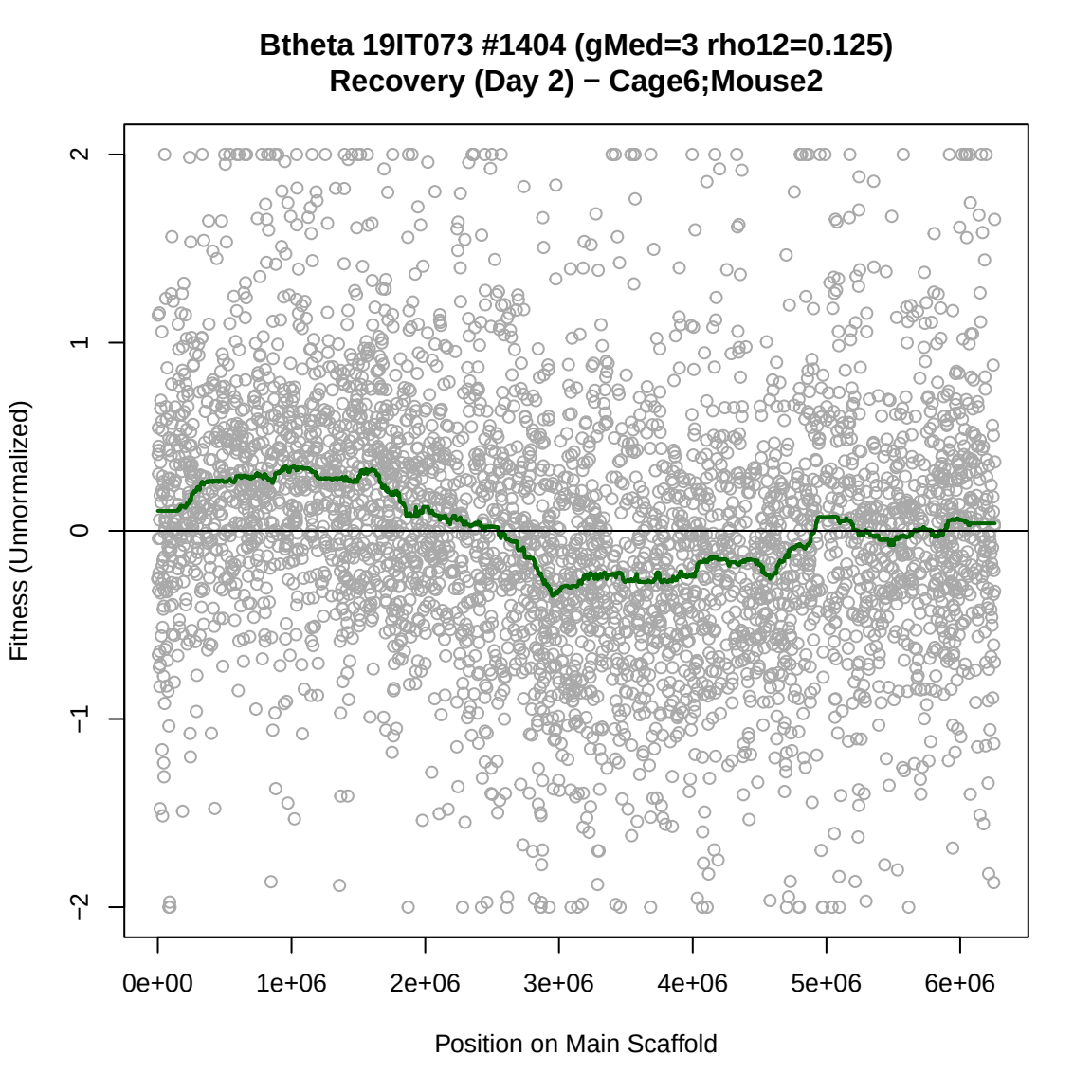

Btheta 19IT068 #1399 (gMed=6 rho12=0.116)
Recovery (Day 1) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

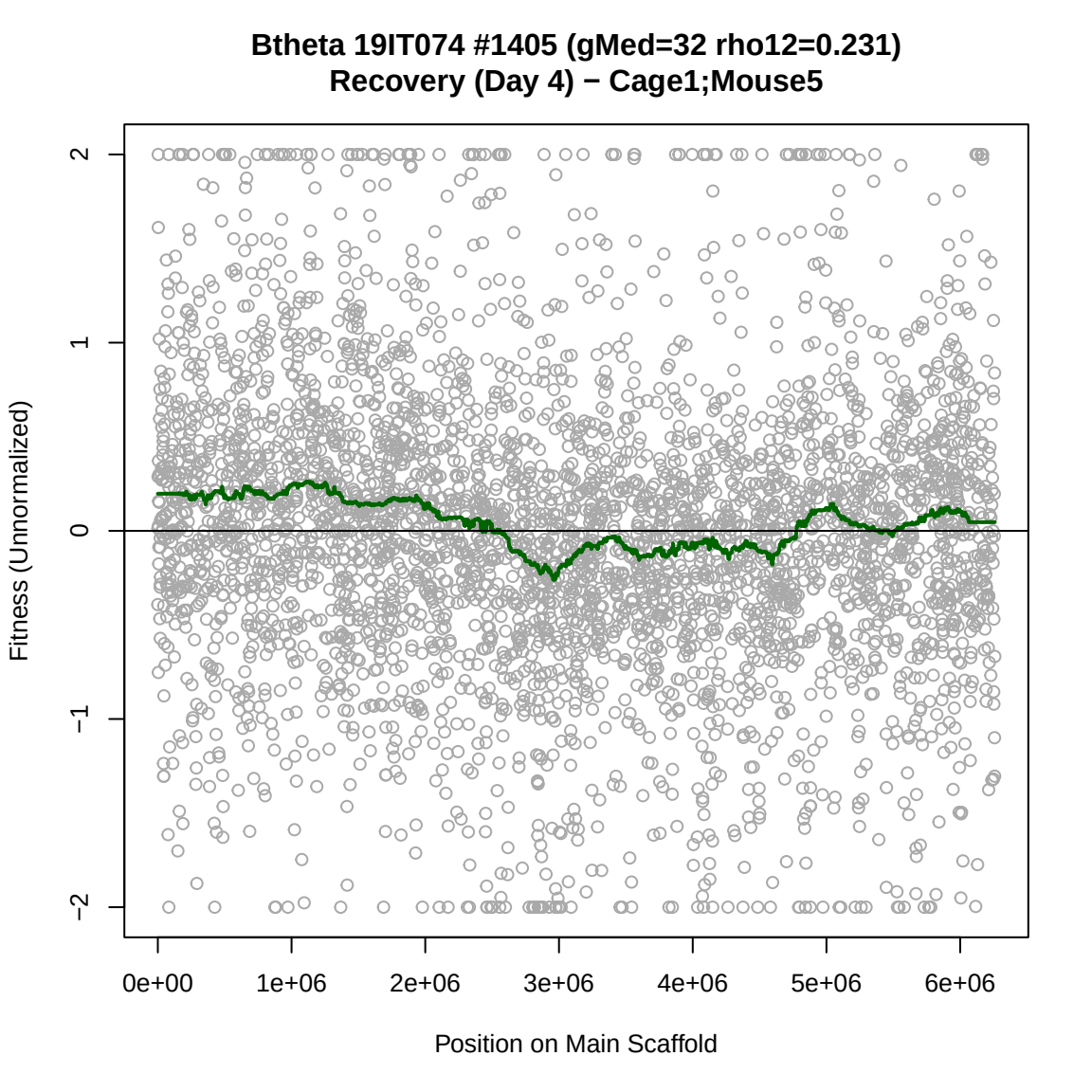

Btheta 19IT069 #1400 (gMed=10 rho12=0.198)
Recovery (Day 1) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

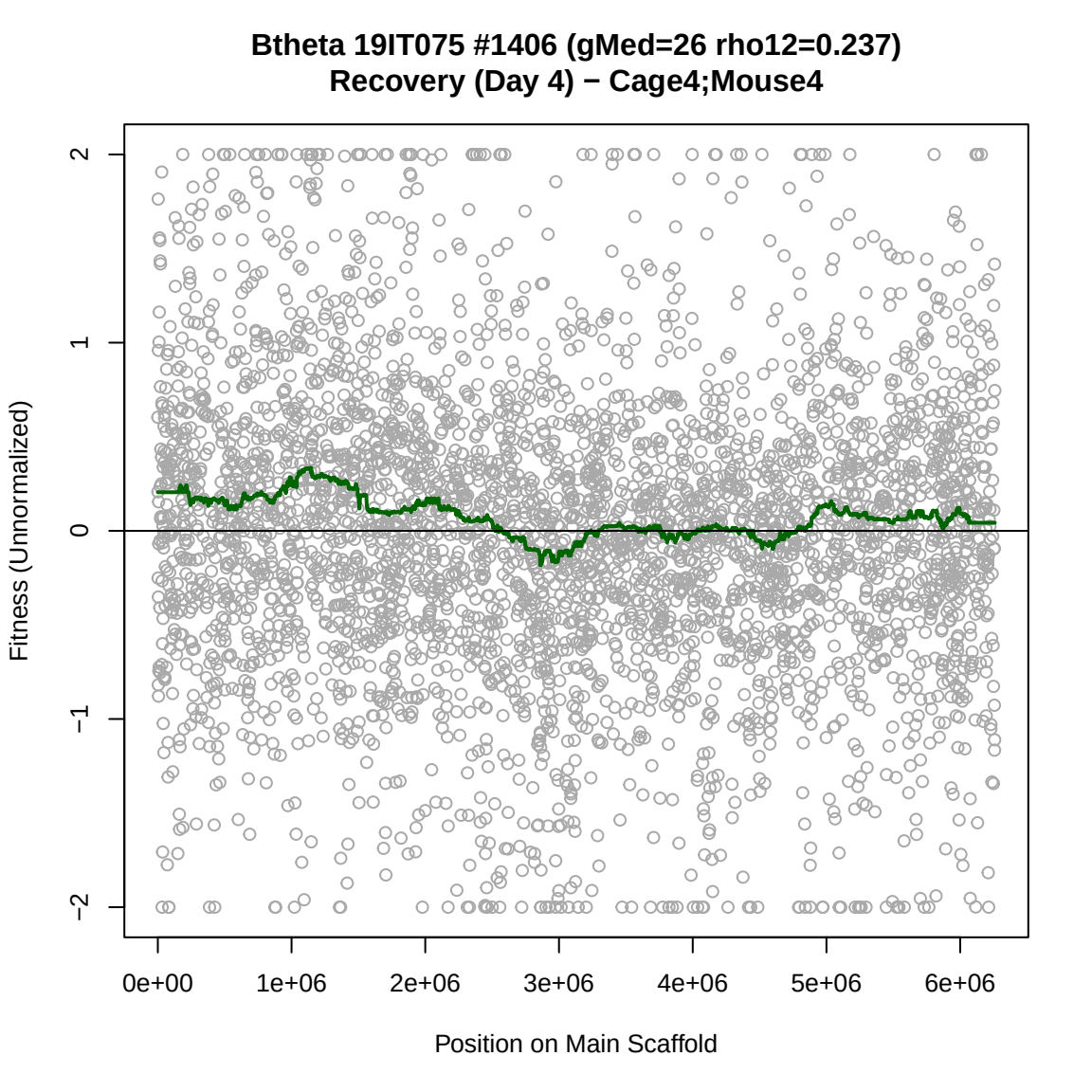

Btheta 19IT070 #1401 (gMed=10 rho12=0.150)
Recovery (Day 1) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

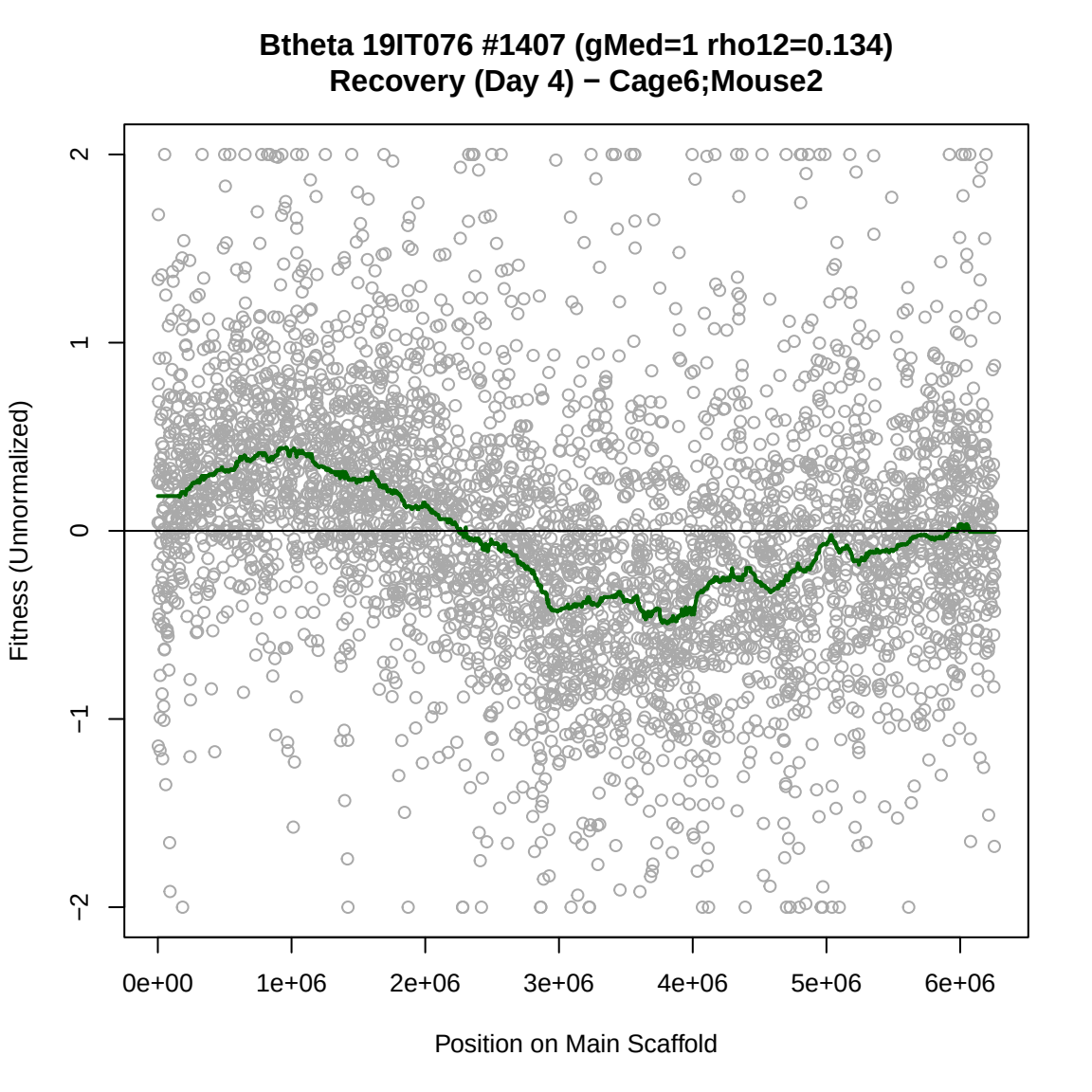

Btheta 19IT071 #1402 (gMed=43 rho12=0.257)
Recovery (Day 2) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

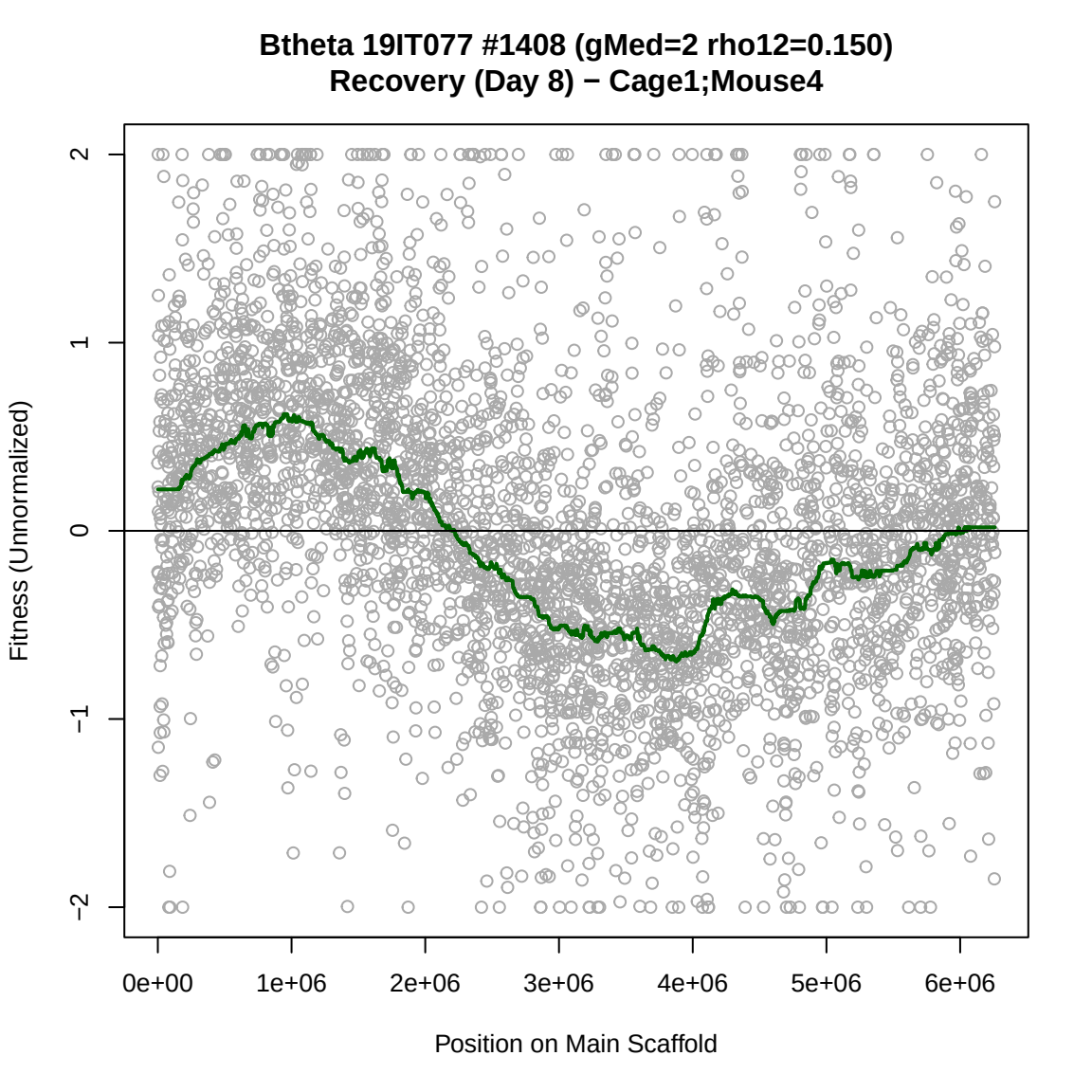

Btheta 19IT072 #1403 (gMed=19 rho12=0.240)
Recovery (Day 2) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

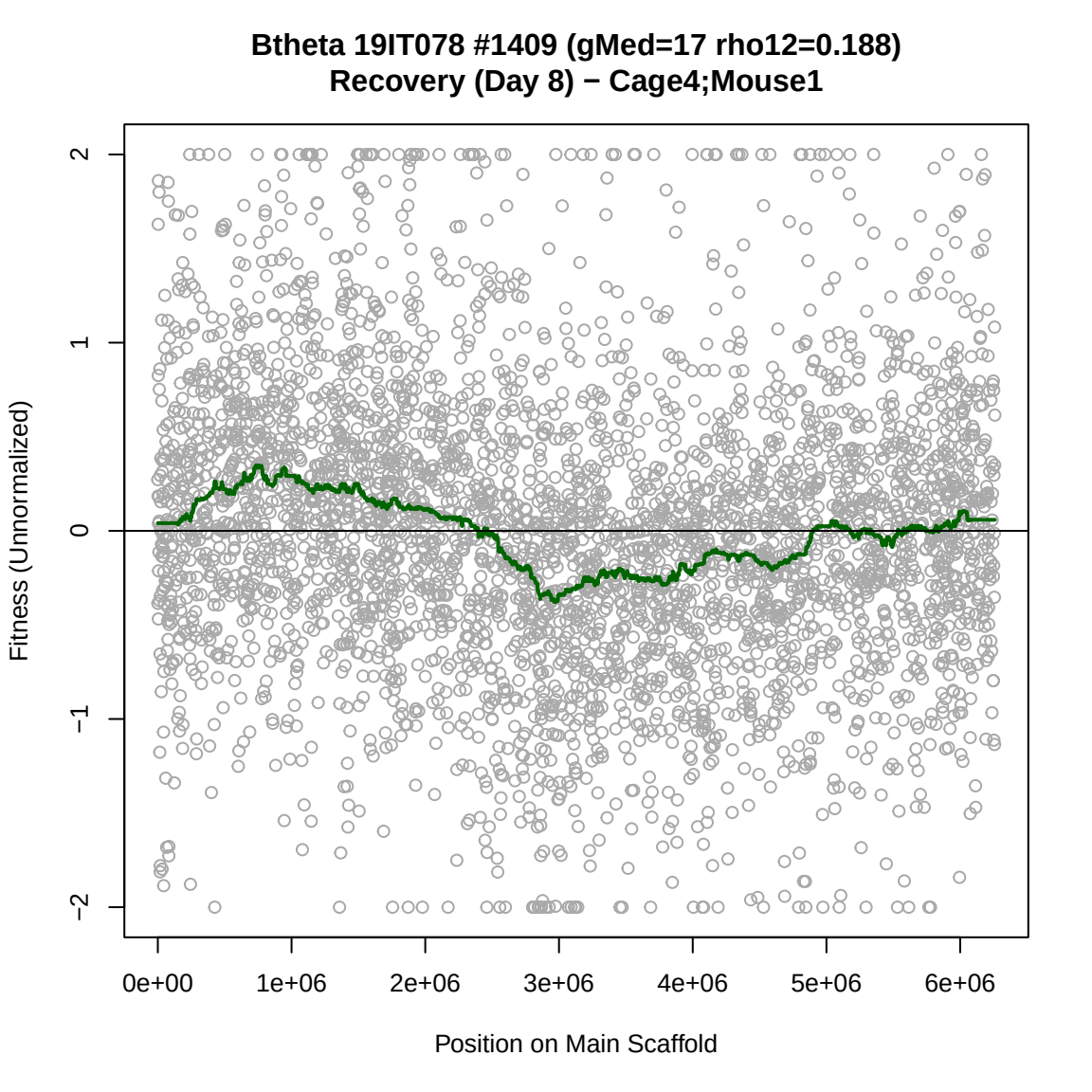

Btheta 19IT073 #1404 (gMed=3 rho12=0.125)
Recovery (Day 2) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

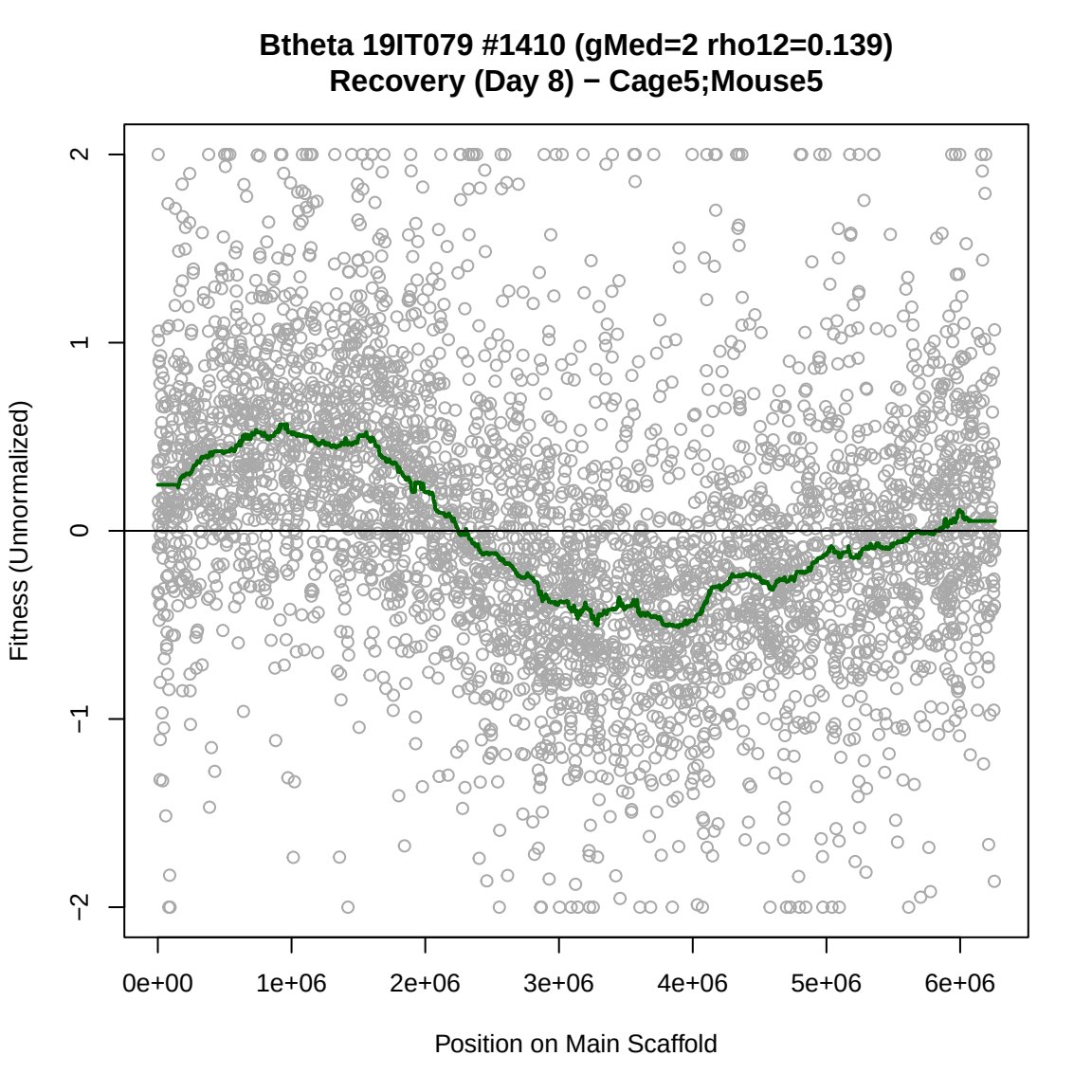

Btheta 19IT074 #1405 (gMed=32 rho12=0.231)
Recovery (Day 4) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

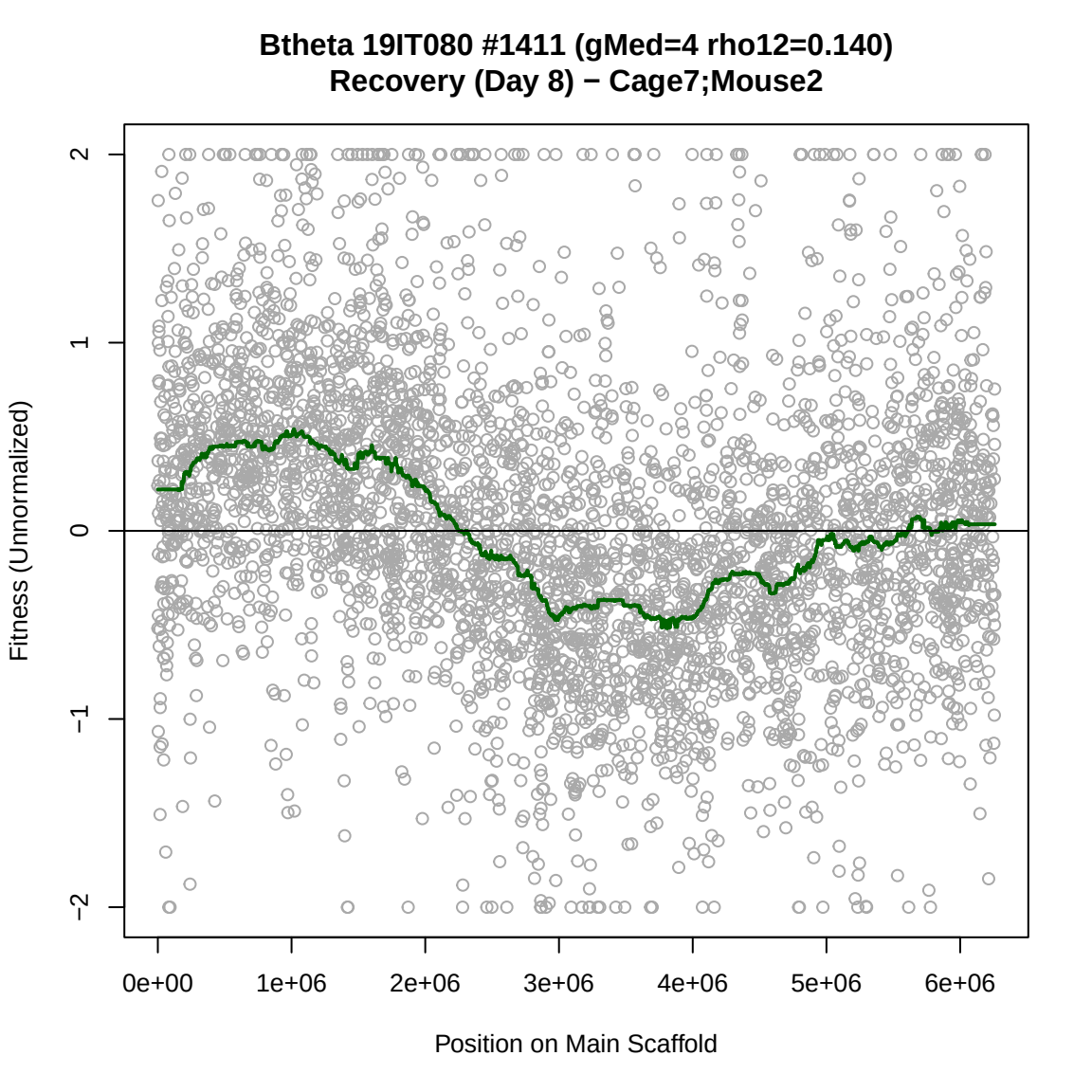

Btheta 19IT075 #1406 (gMed=26 rho12=0.237)
Recovery (Day 4) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

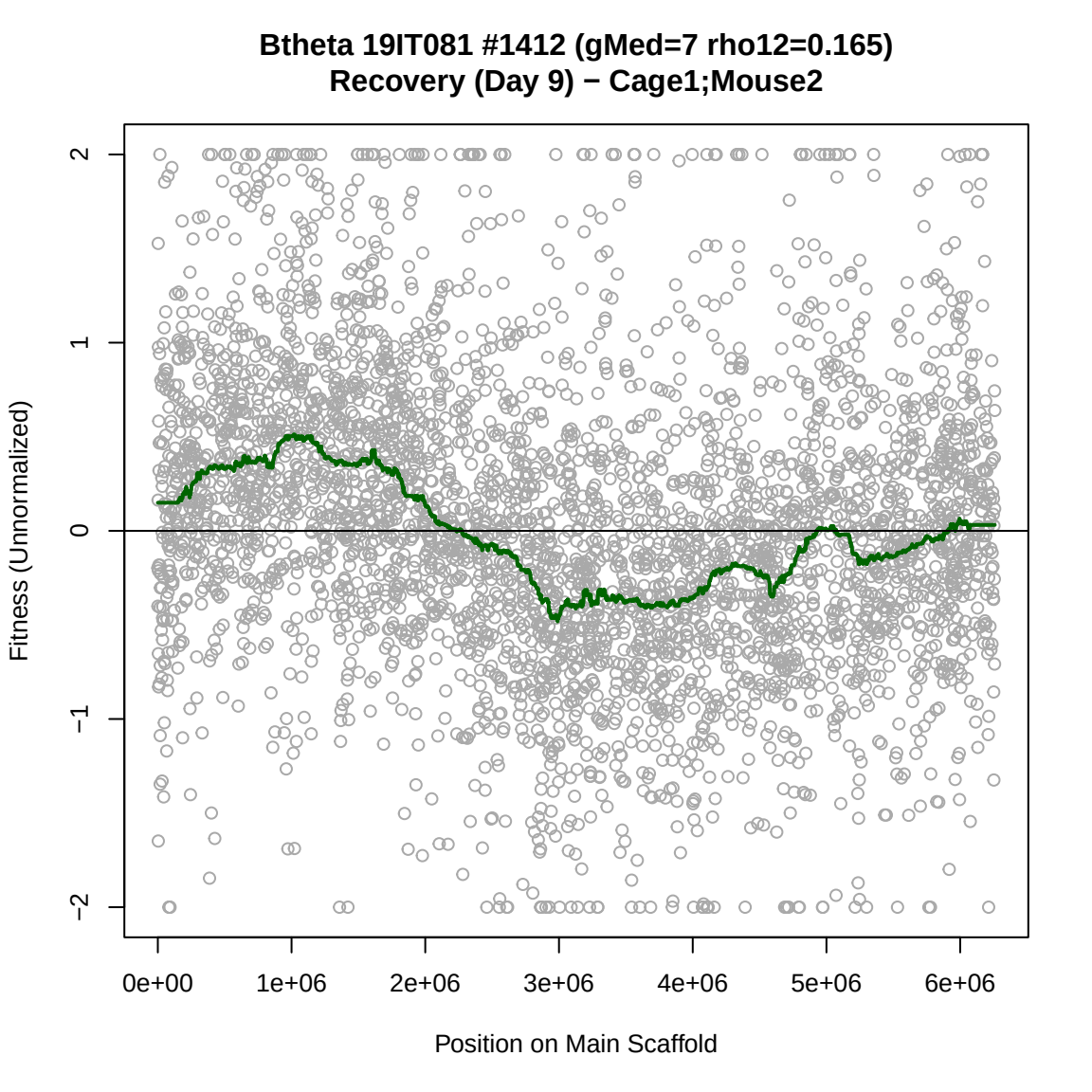

Btheta 19IT076 #1407 (gMed=1 rho12=0.134)
Recovery (Day 4) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

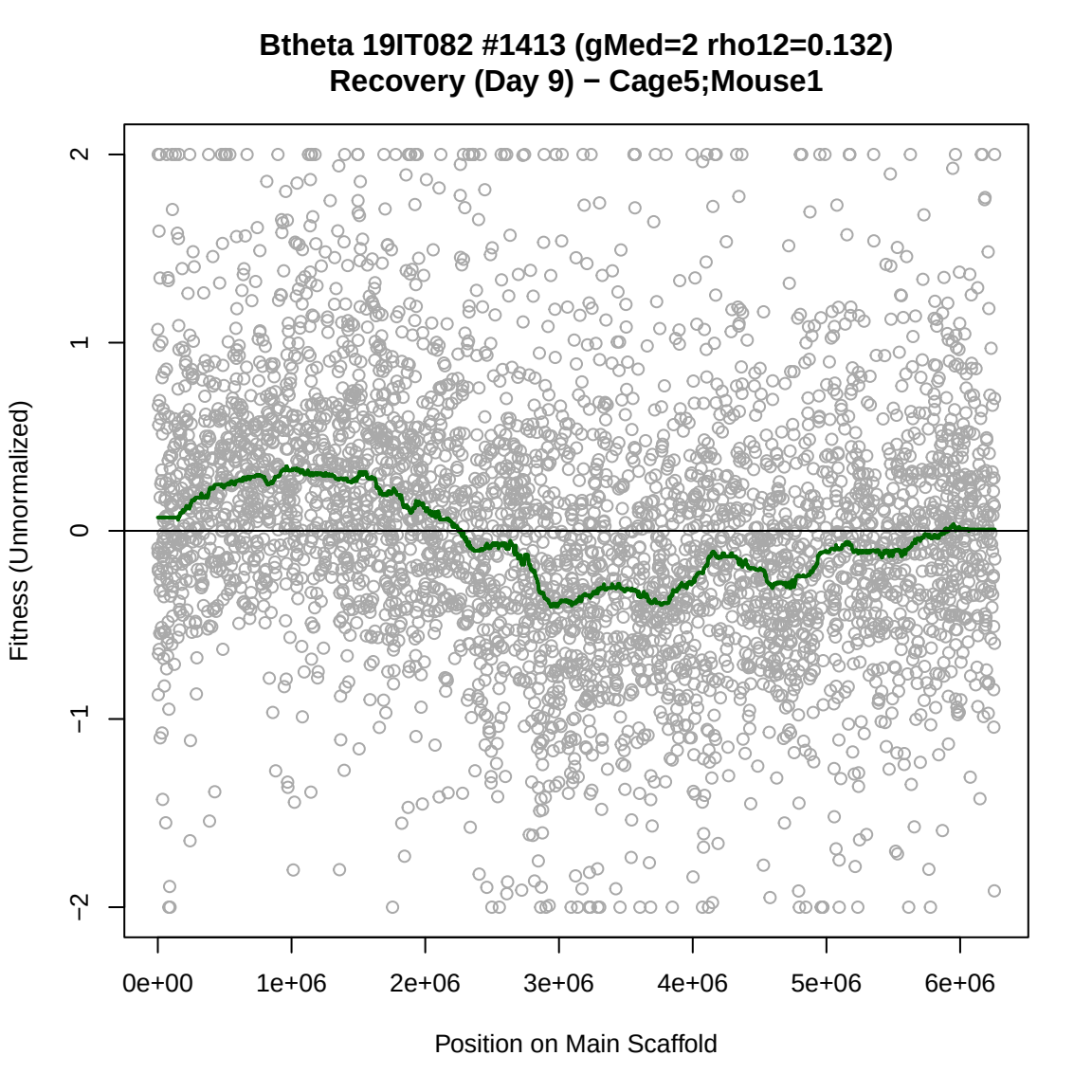

Btheta 19IT077 #1408 (gMed=2 rho12=0.150)
Recovery (Day 8) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

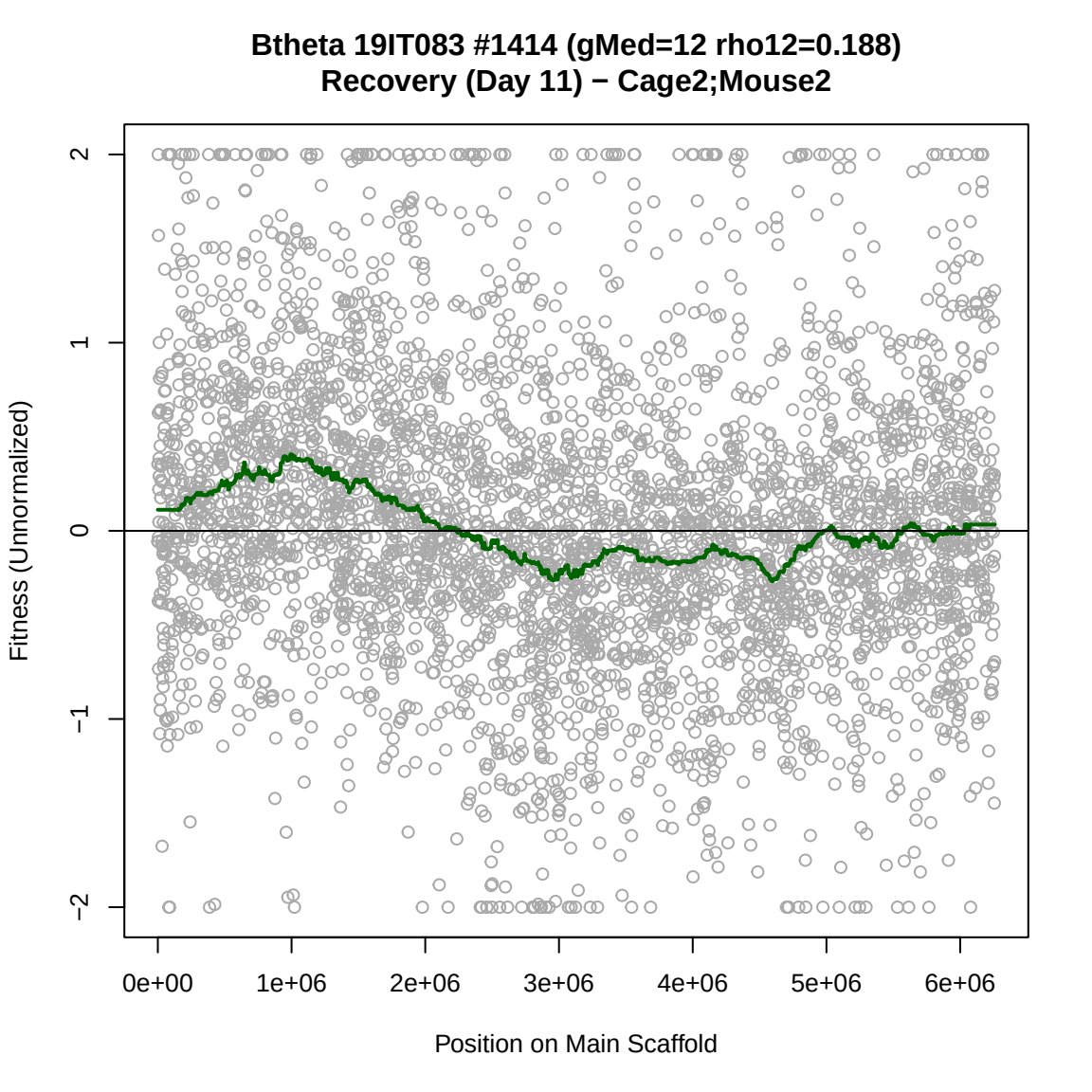

Btheta 19IT078 #1409 (gMed=17 rho12=0.188)
Recovery (Day 8) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

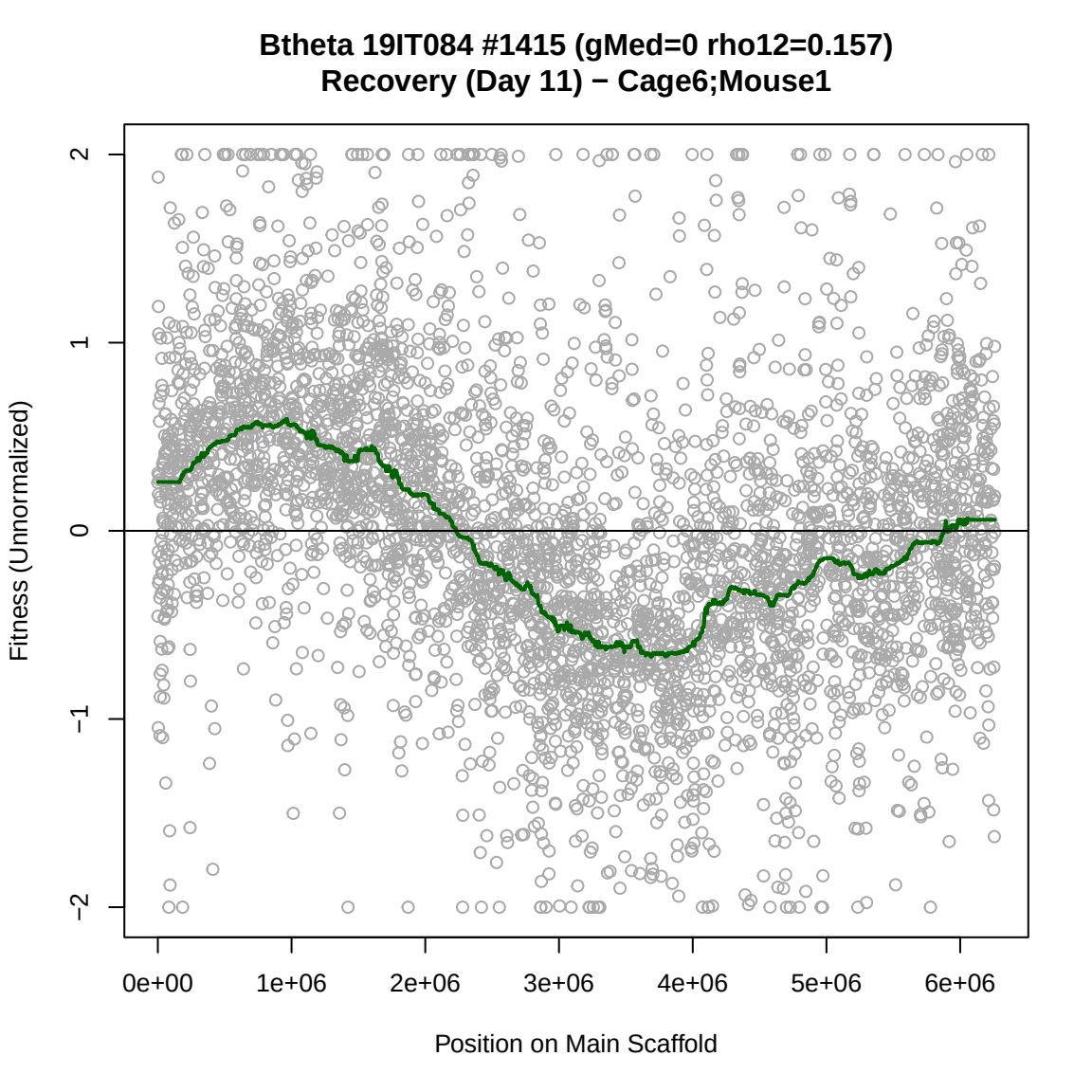

Btheta 19IT079 #1410 (gMed=2 rho12=0.139)
Recovery (Day 8) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

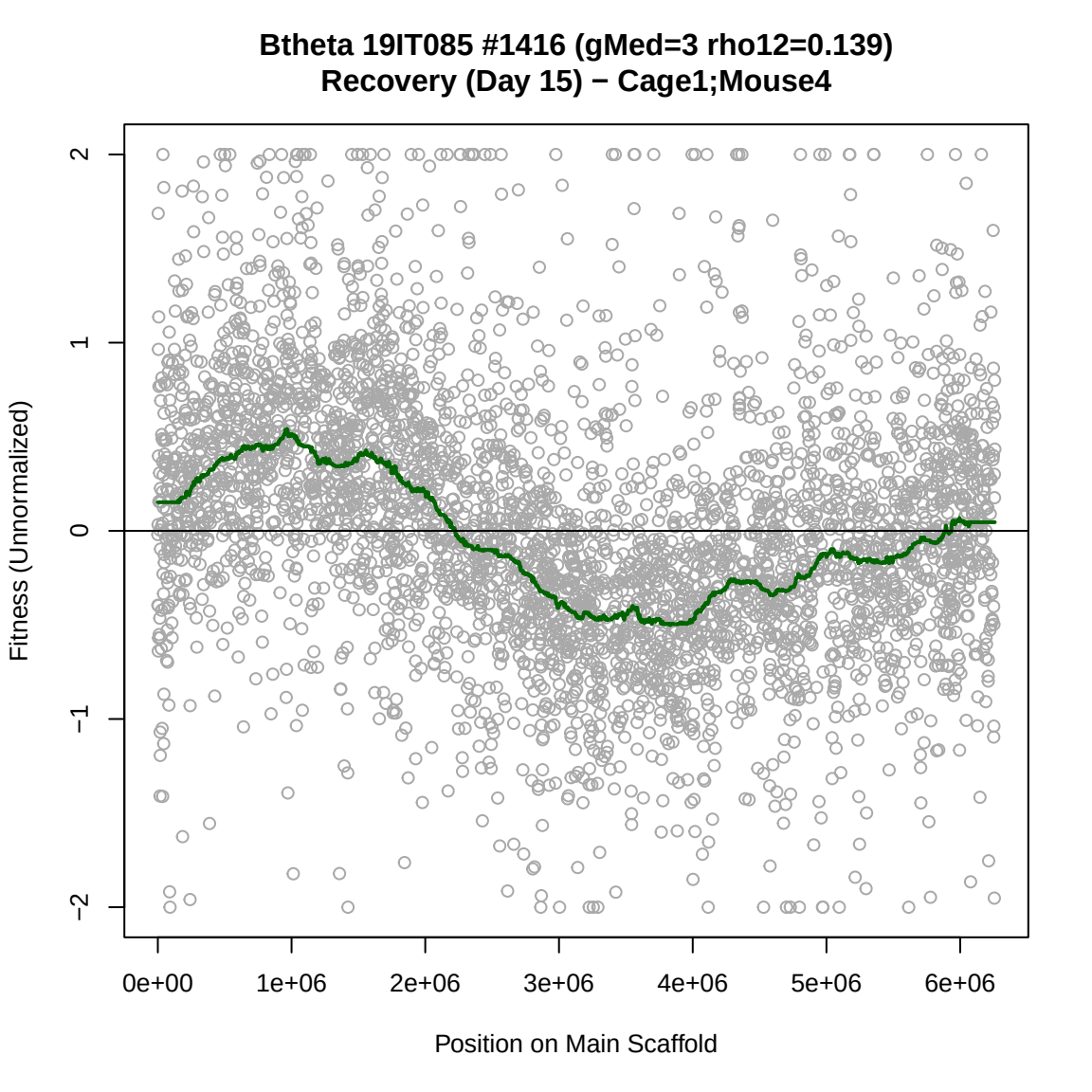

Btheta 19IT080 #1411 (gMed=4 rho12=0.140)
Recovery (Day 8) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

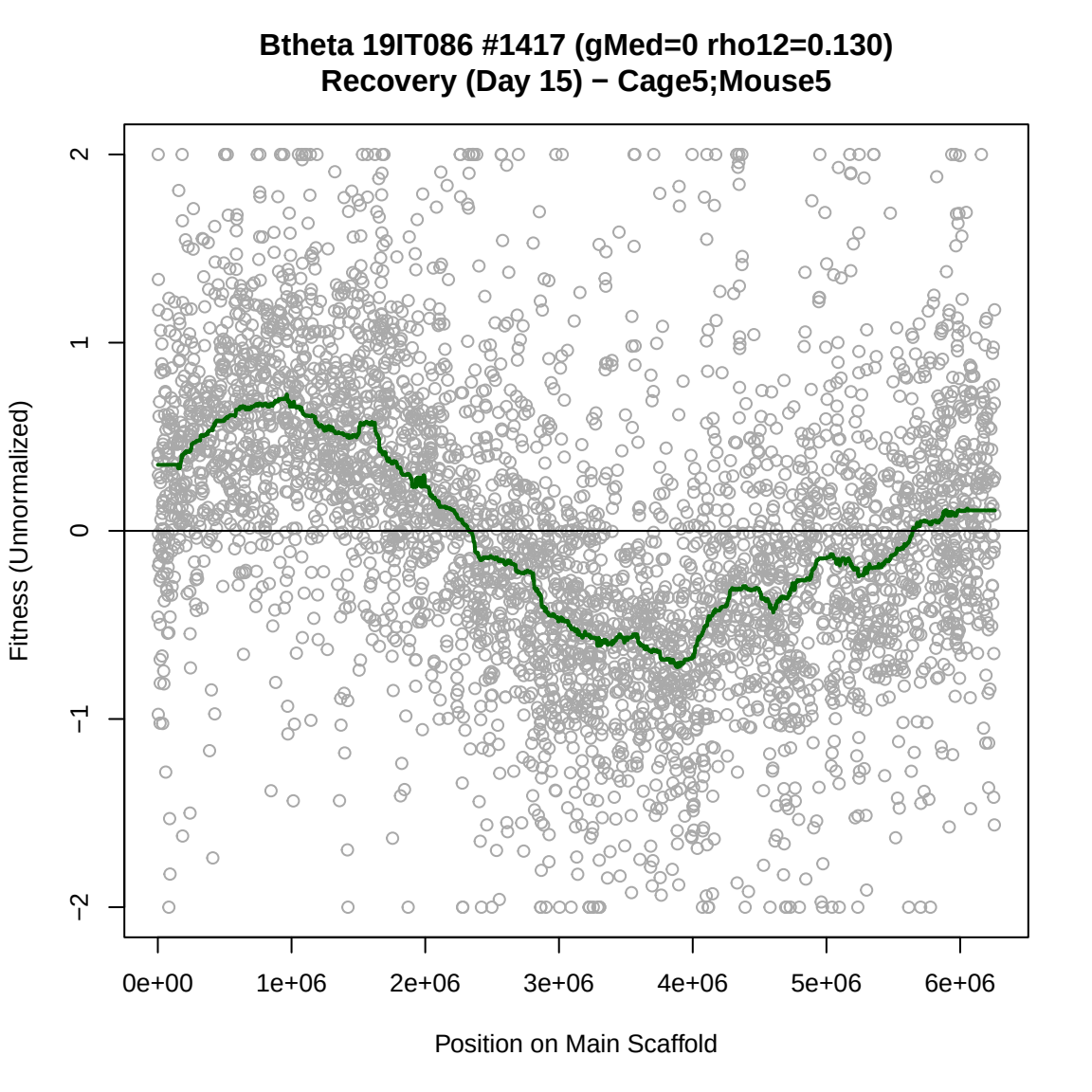

Btheta 19IT081 #1412 (gMed=7 rho12=0.165)
Recovery (Day 9) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

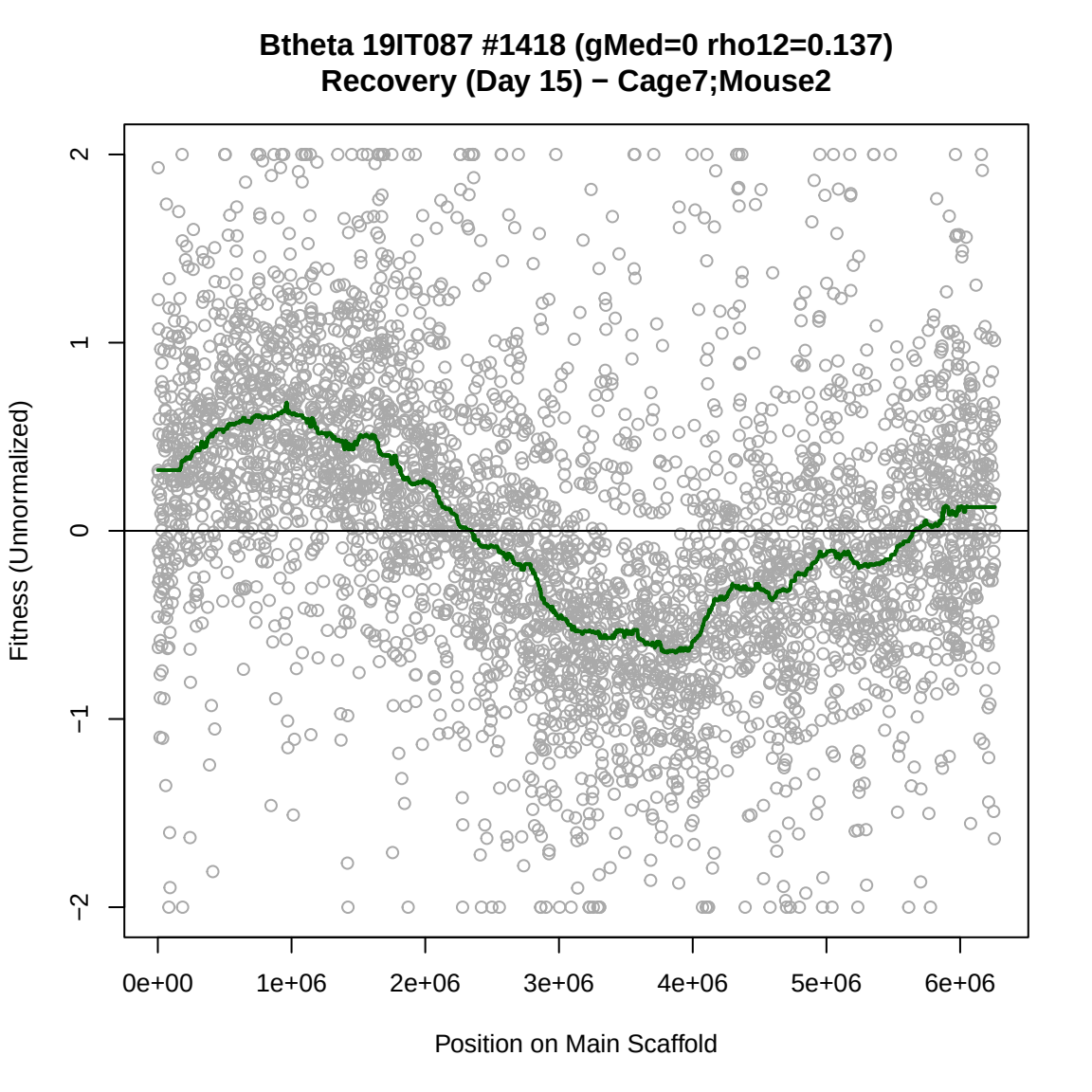

Btheta 19IT082 #1413 (gMed=2 rho12=0.132)
Recovery (Day 9) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

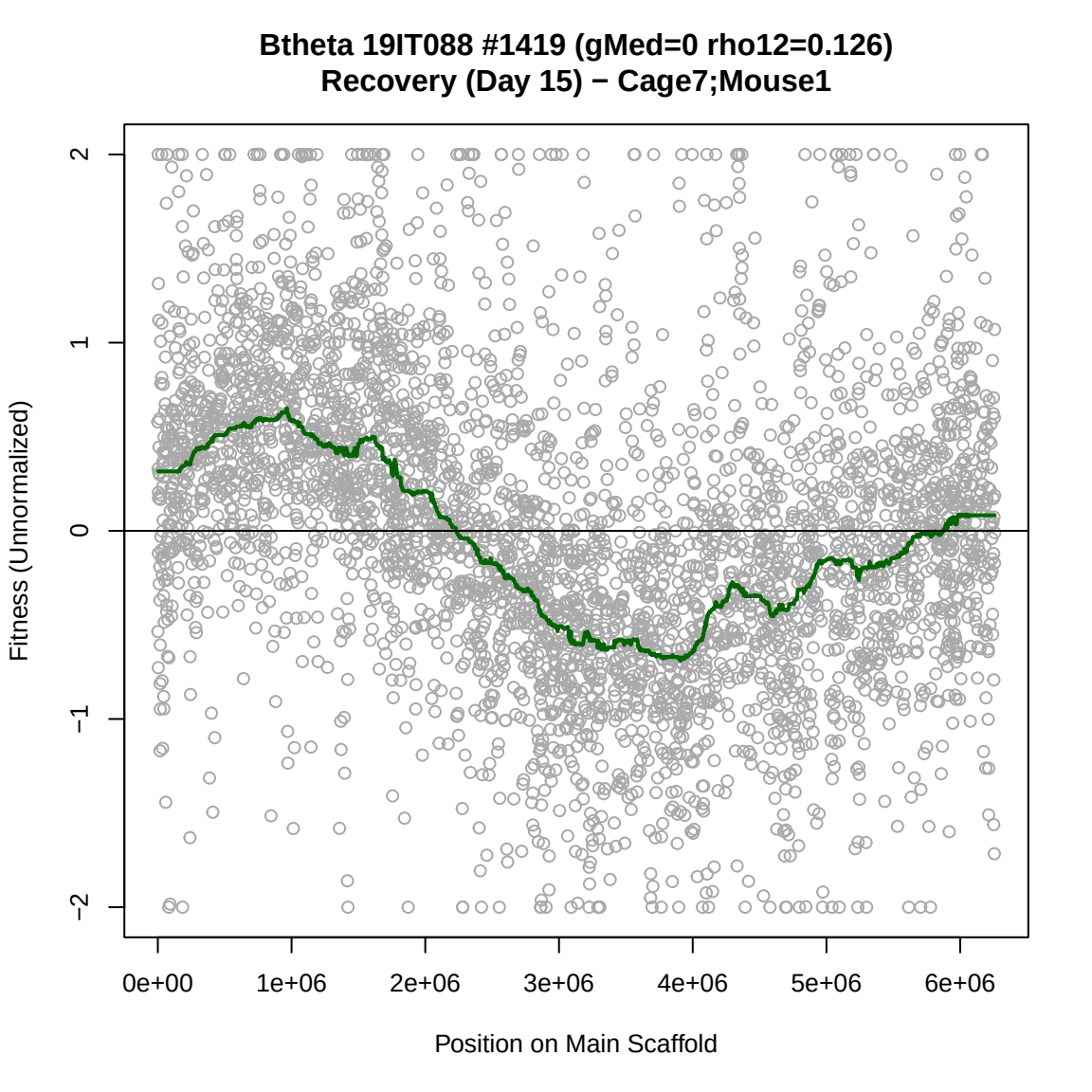

Btheta 19IT083 #1414 (gMed=12 rho12=0.188)
Recovery (Day 11) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

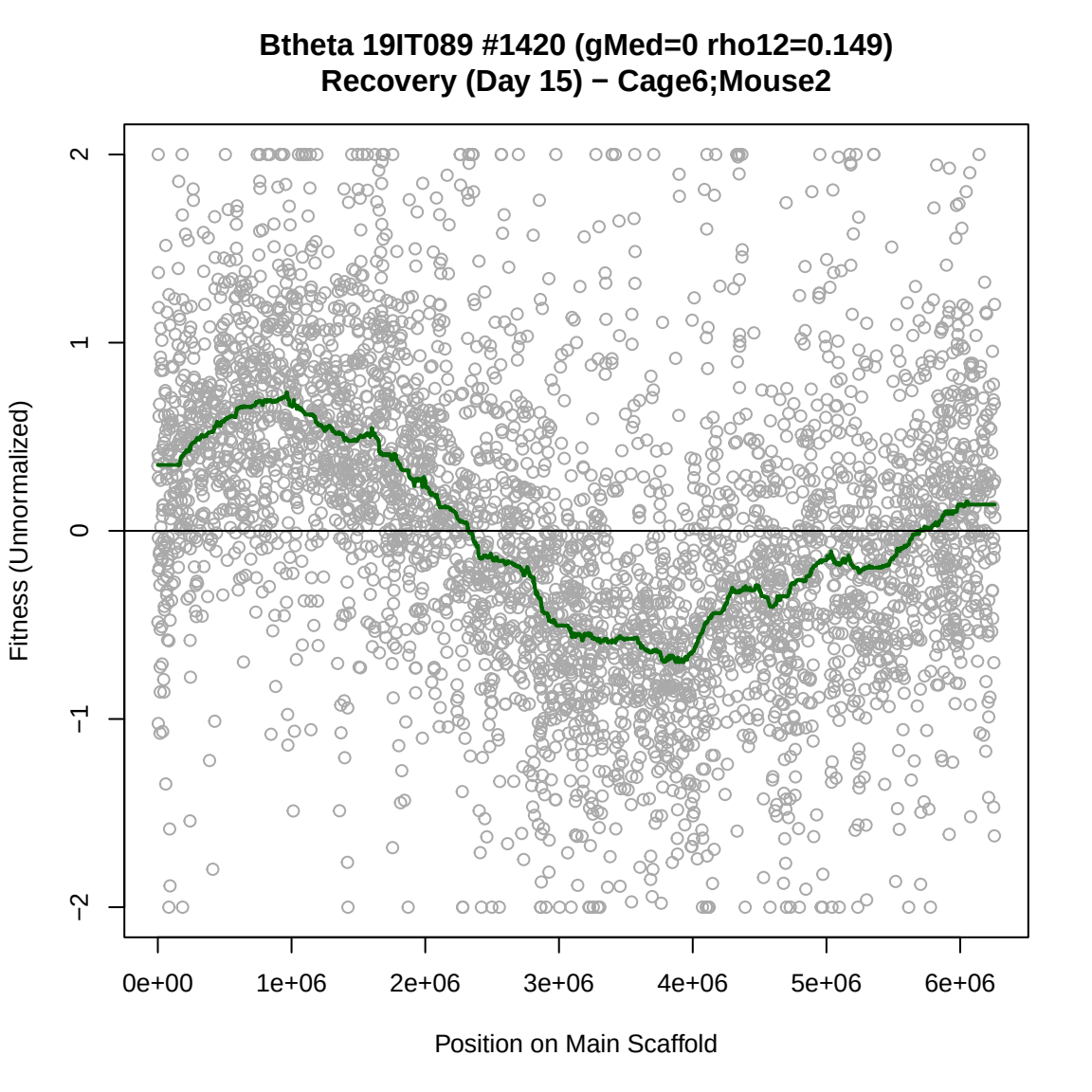

Btheta 19IT084 #1415 (gMed=0 rho12=0.157)
Recovery (Day 11) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

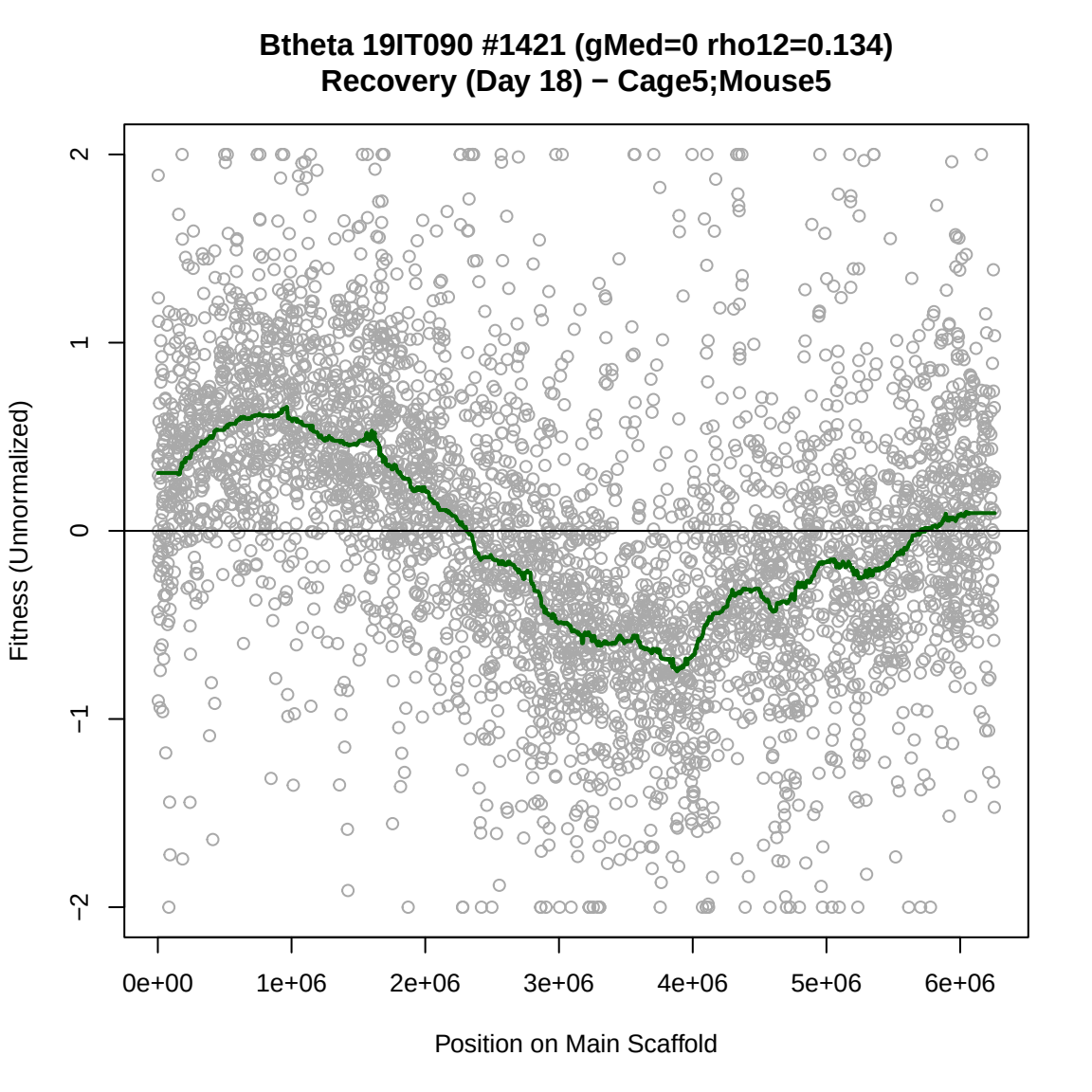

Btheta 19IT085 #1416 (gMed=3 rho12=0.139)
Recovery (Day 15) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

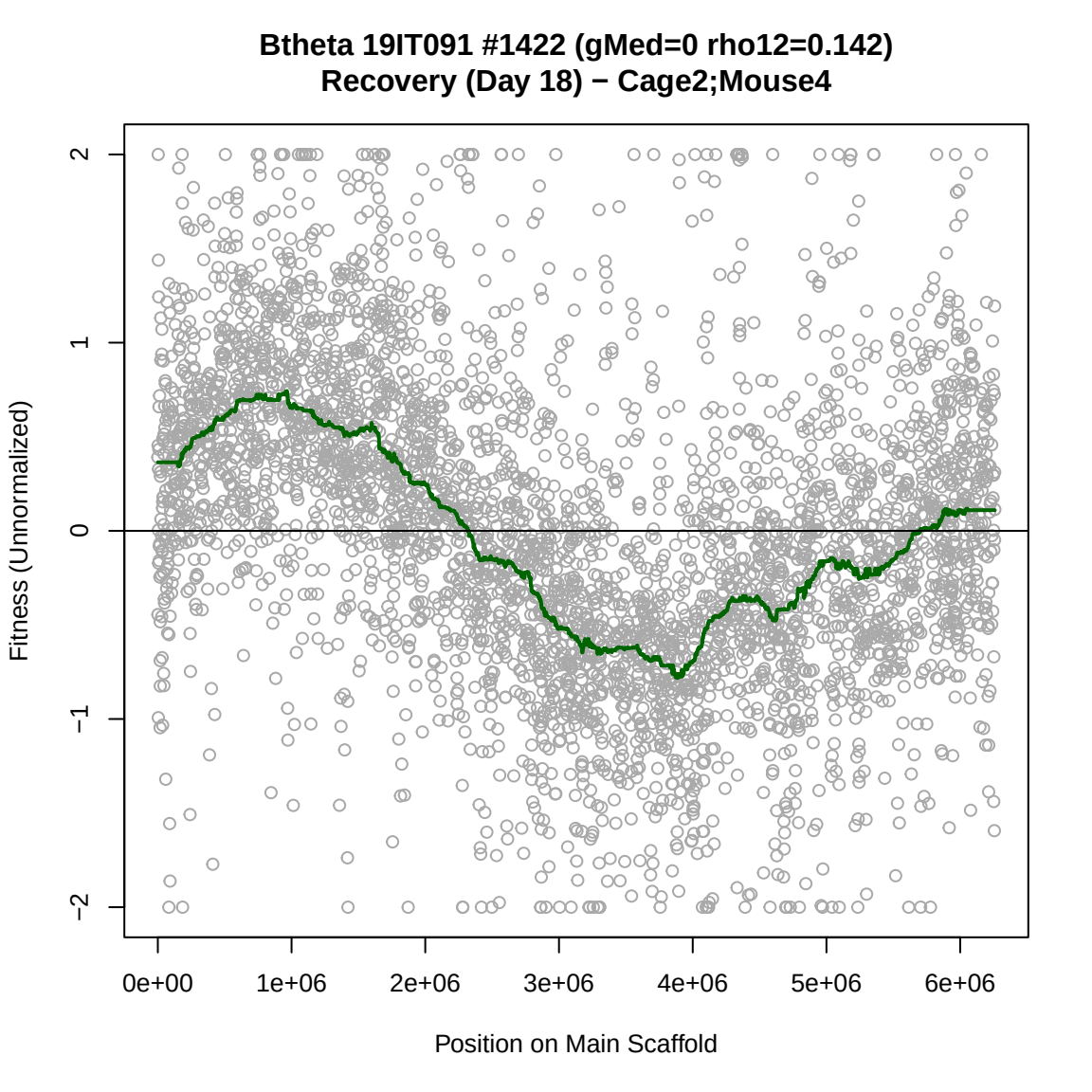

Btheta 19IT086 #1417 (gMed=0 rho12=0.130)
Recovery (Day 15) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

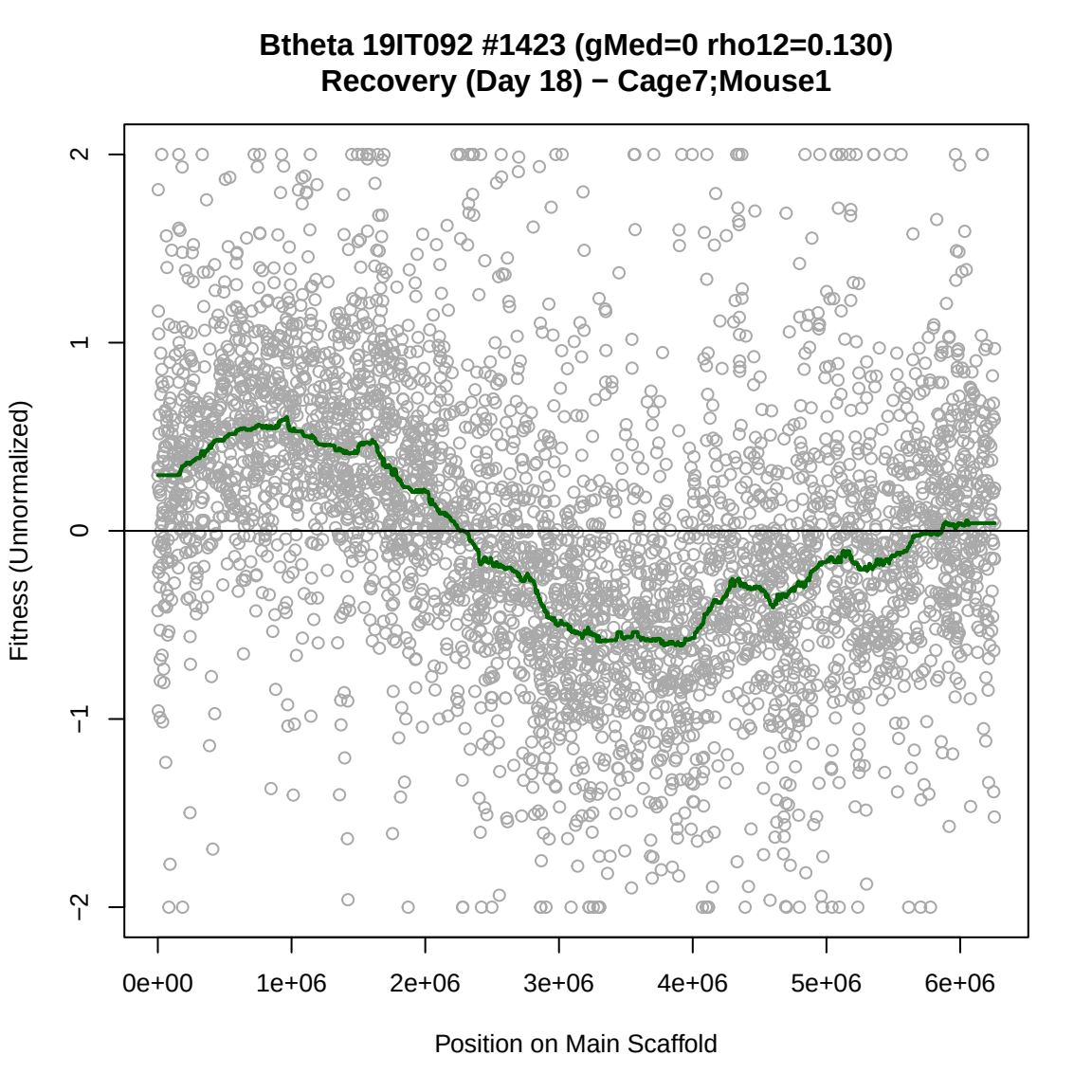

Btheta 19IT087 #1418 (gMed=0 rho12=0.137)
Recovery (Day 15) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

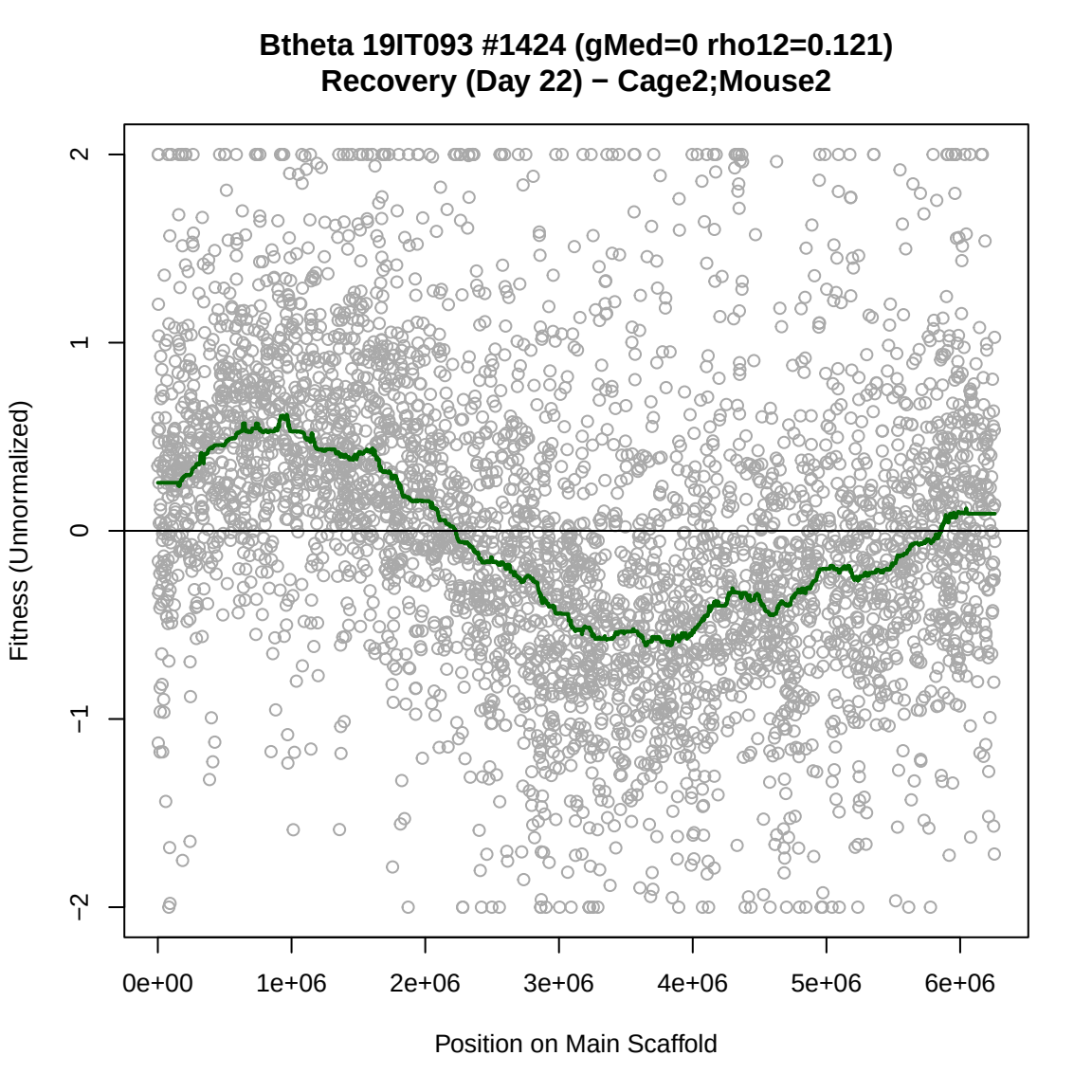

Btheta 19IT088 #1419 (gMed=0 rho12=0.126)
Recovery (Day 15) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

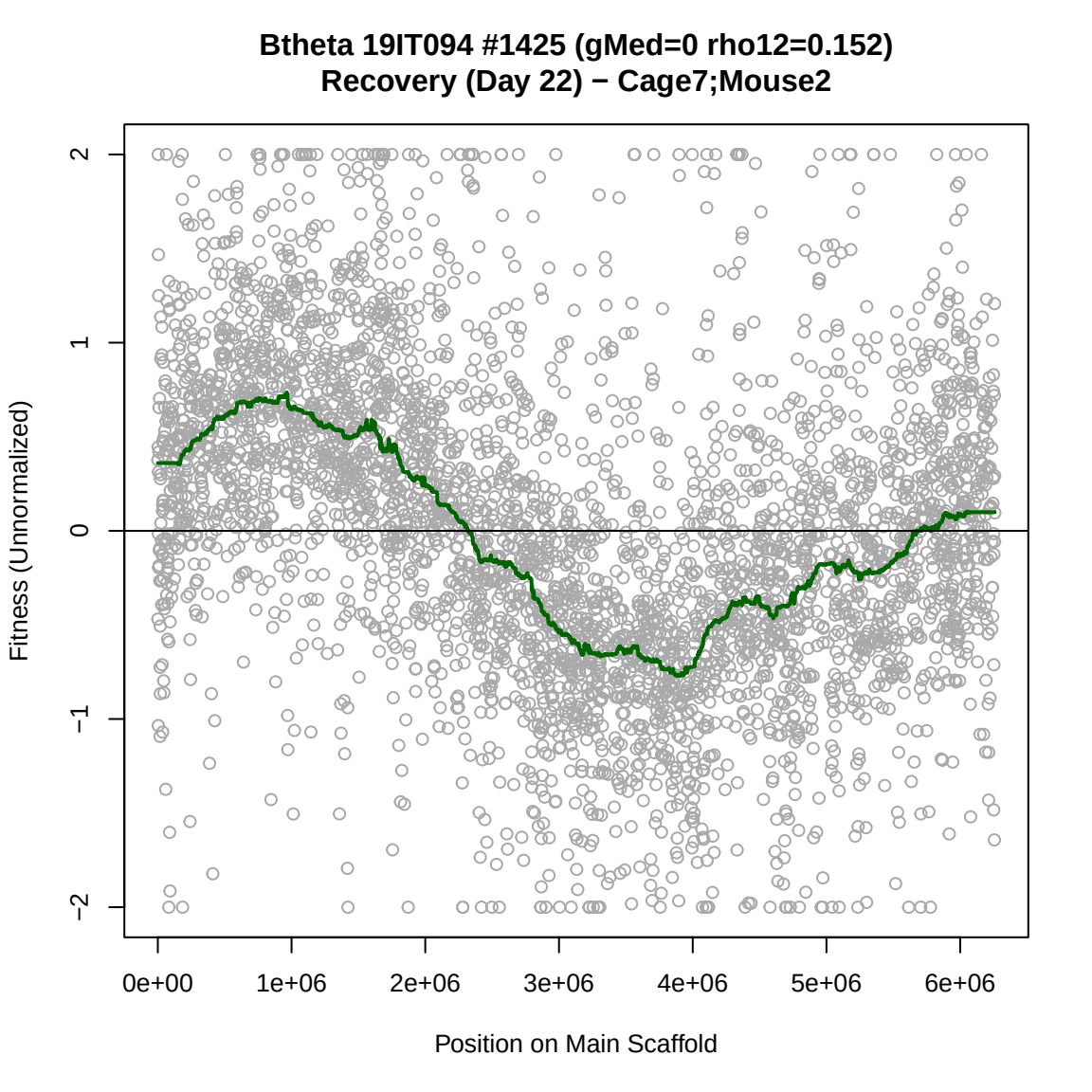

Btheta 19IT089 #1420 (gMed=0 rho12=0.149)
Recovery (Day 15) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

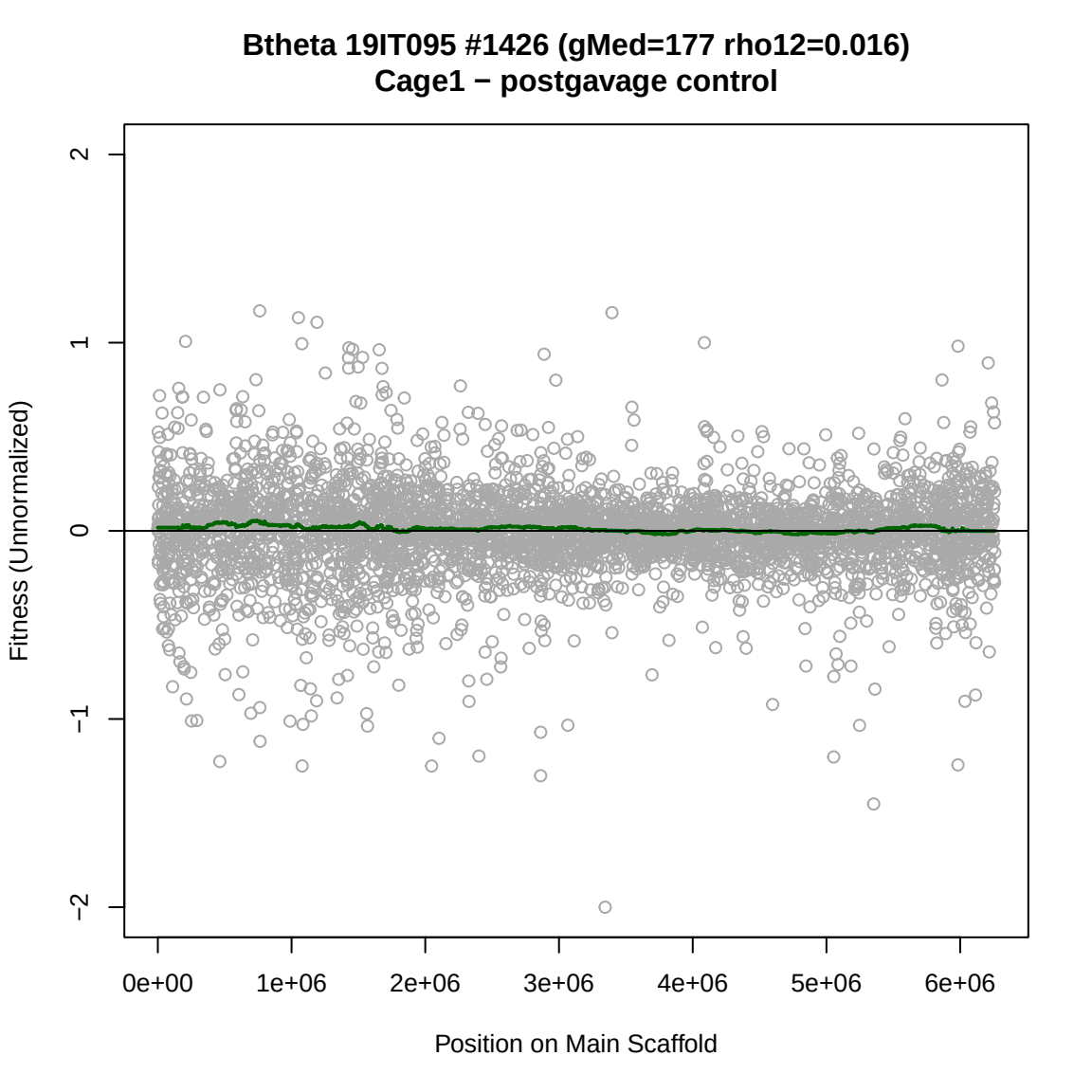

Btheta 19IT090 #1421 (gMed=0 rho12=0.134)
Recovery (Day 18) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

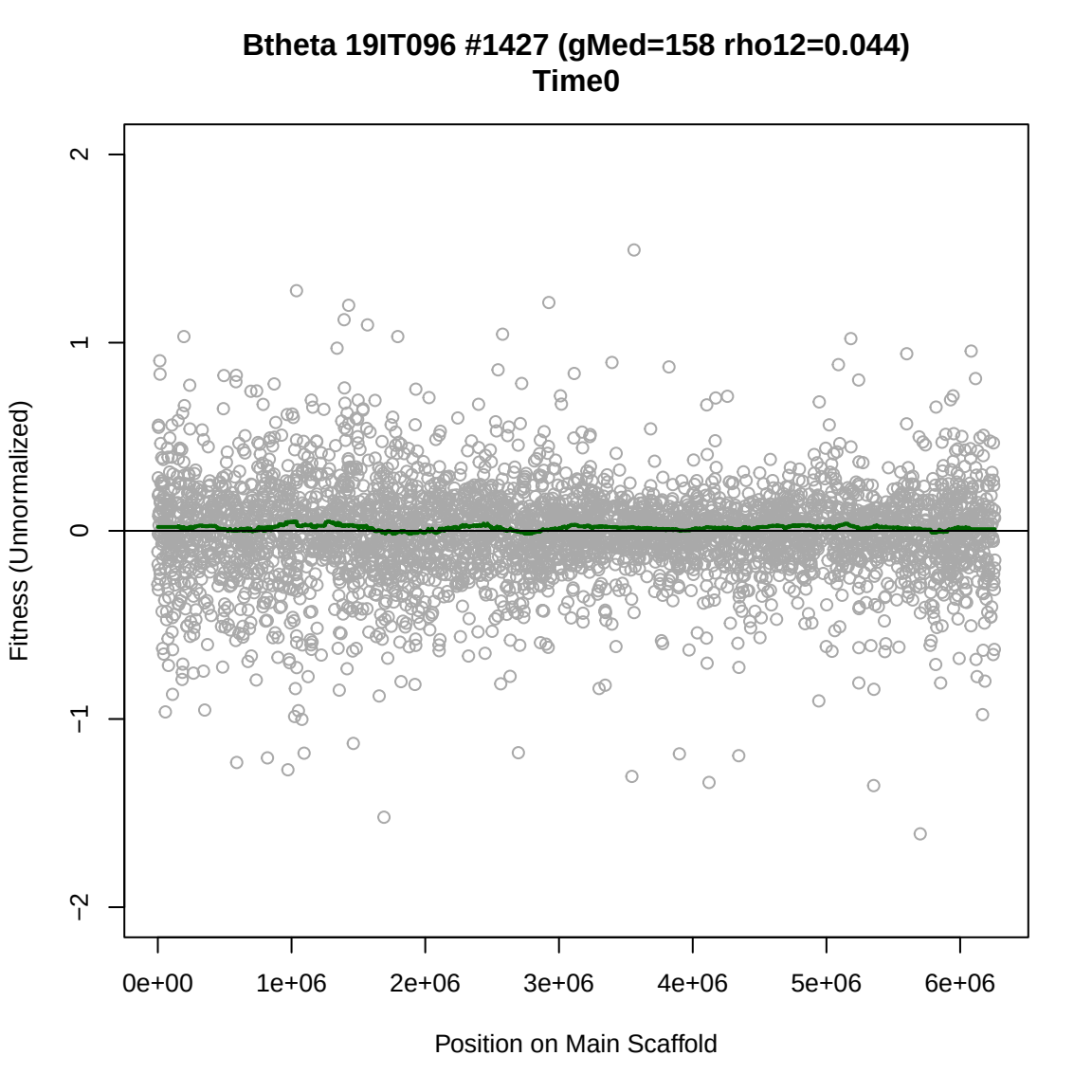

Btheta 19IT091 #1422 (gMed=0 rho12=0.142)
Recovery (Day 18) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

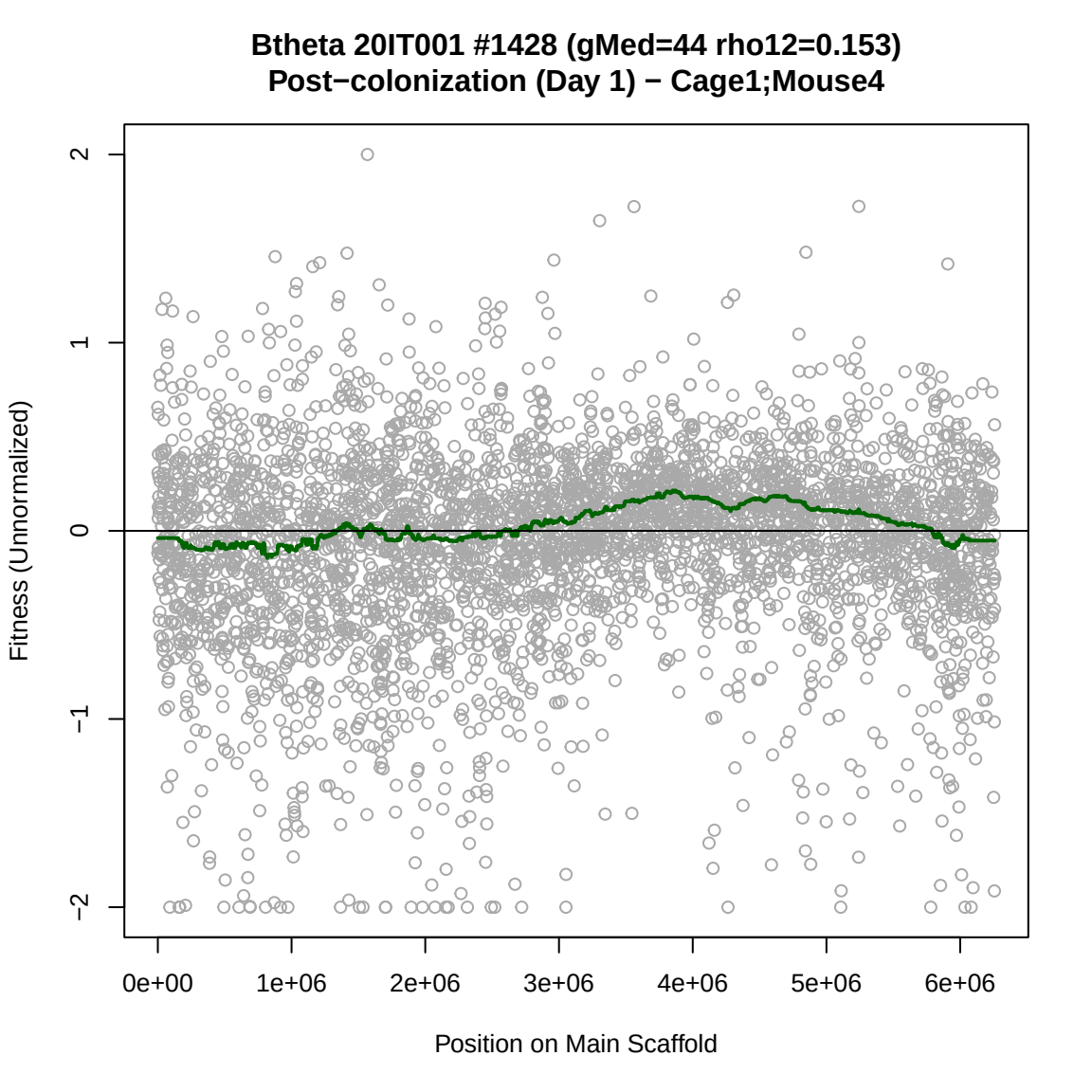

Btheta 19IT092 #1423 (gMed=0 rho12=0.130)
Recovery (Day 18) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

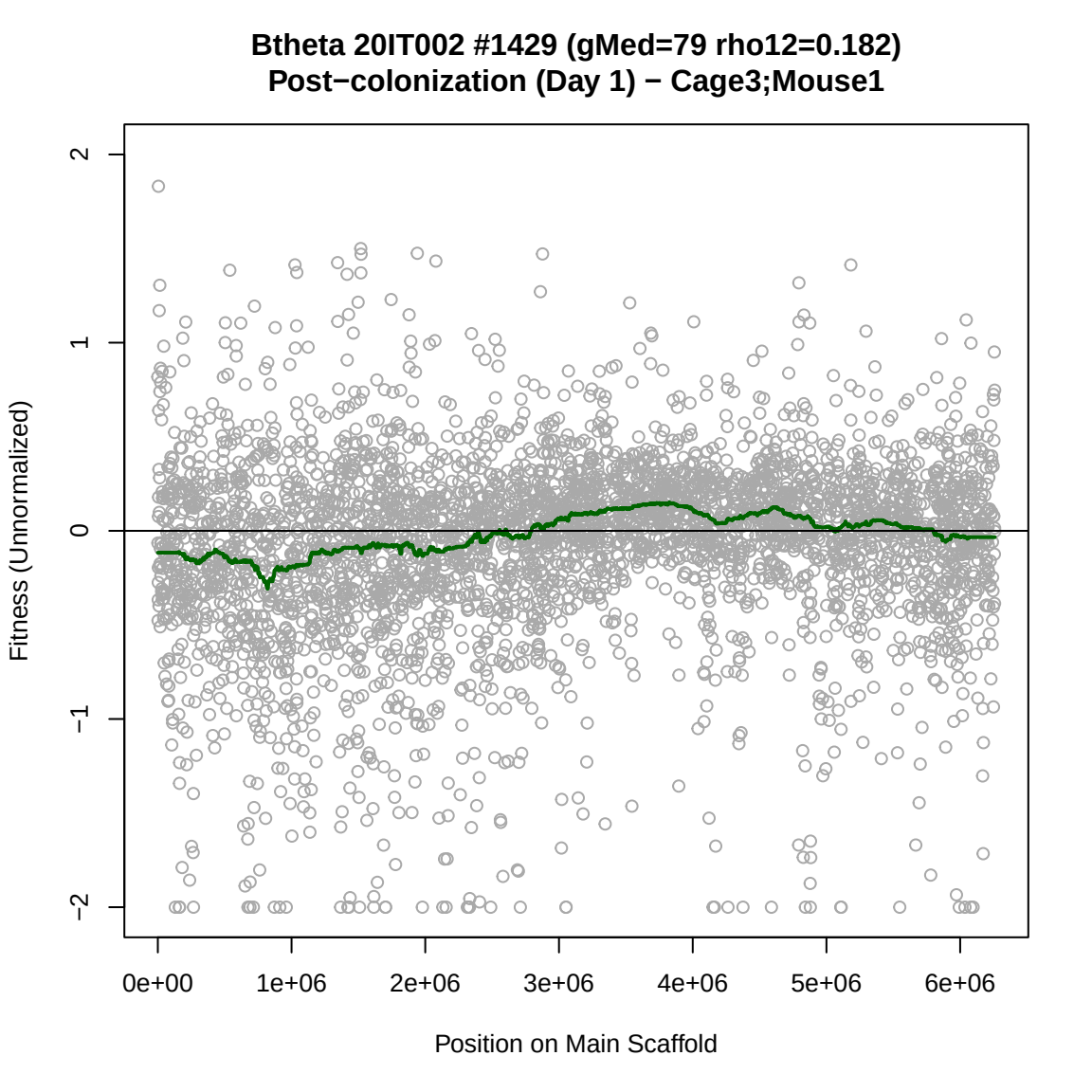

Btheta 19IT093 #1424 (gMed=0 rho12=0.121)
Recovery (Day 22) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

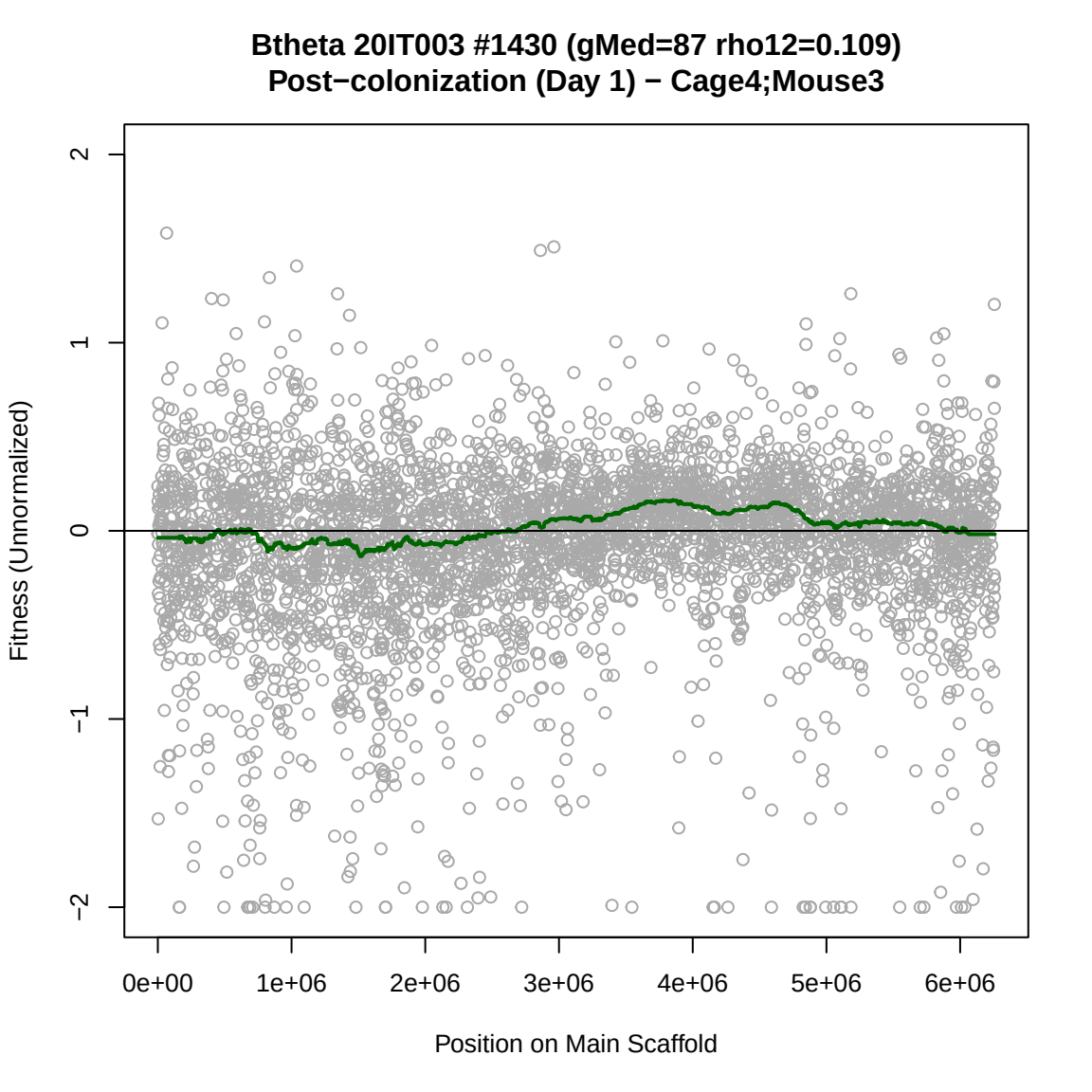

Btheta 19IT094 #1425 (gMed=0 rho12=0.152)
Recovery (Day 22) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

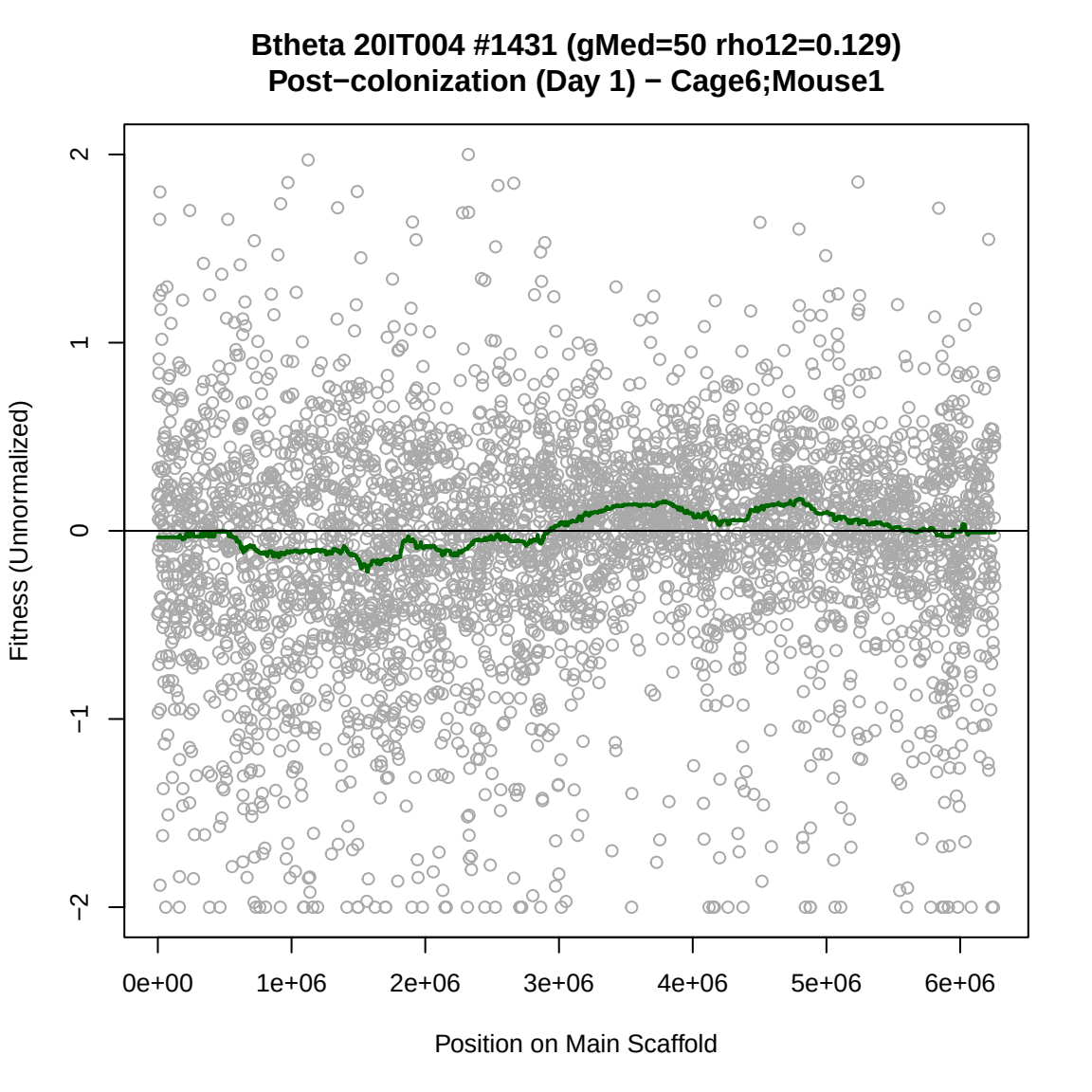

Btheta 19IT095 #1426 (gMed=177 rho12=0.016)
Cage1 − postgavage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

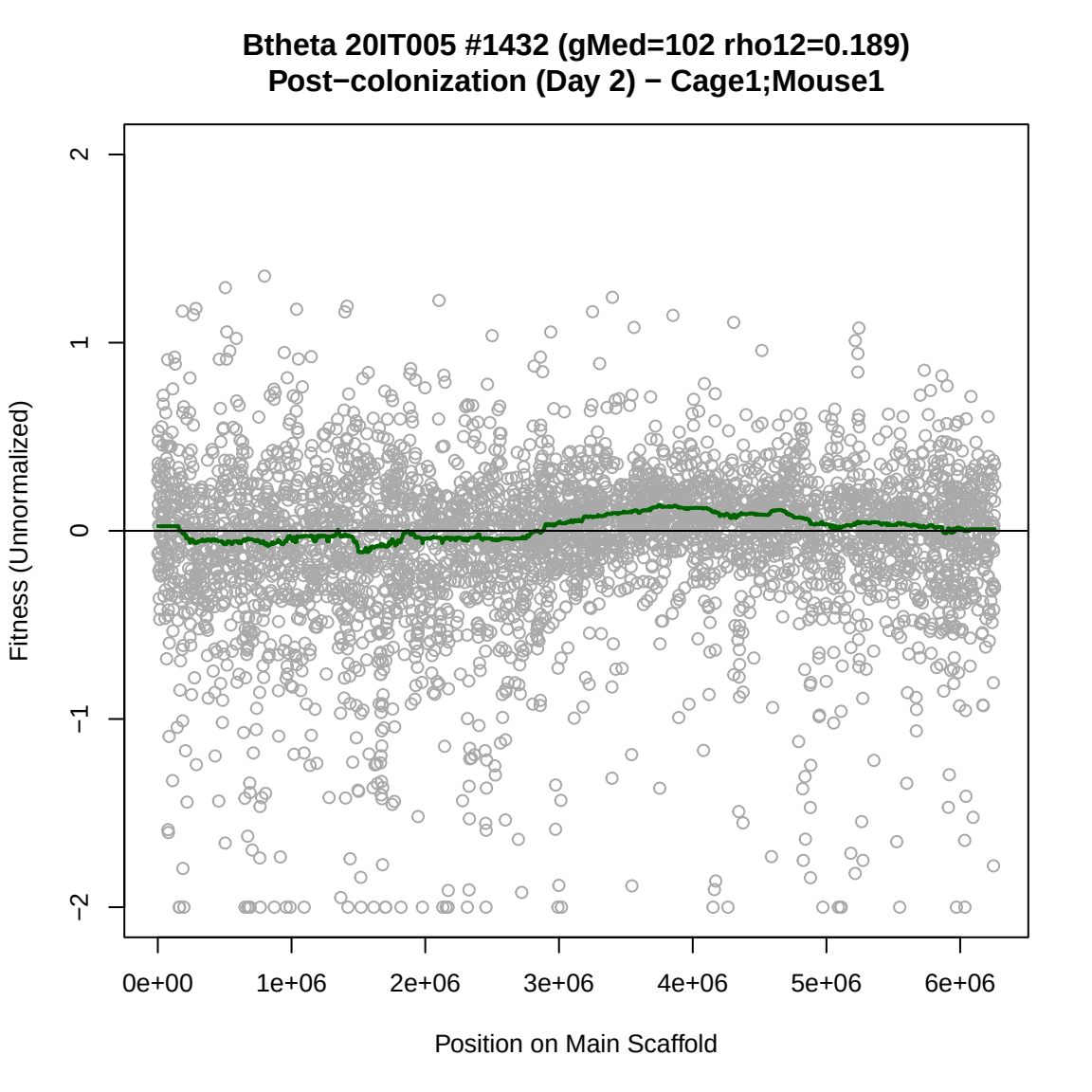

Btheta 19IT096 #1427 (gMed=158 rho12=0.044)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

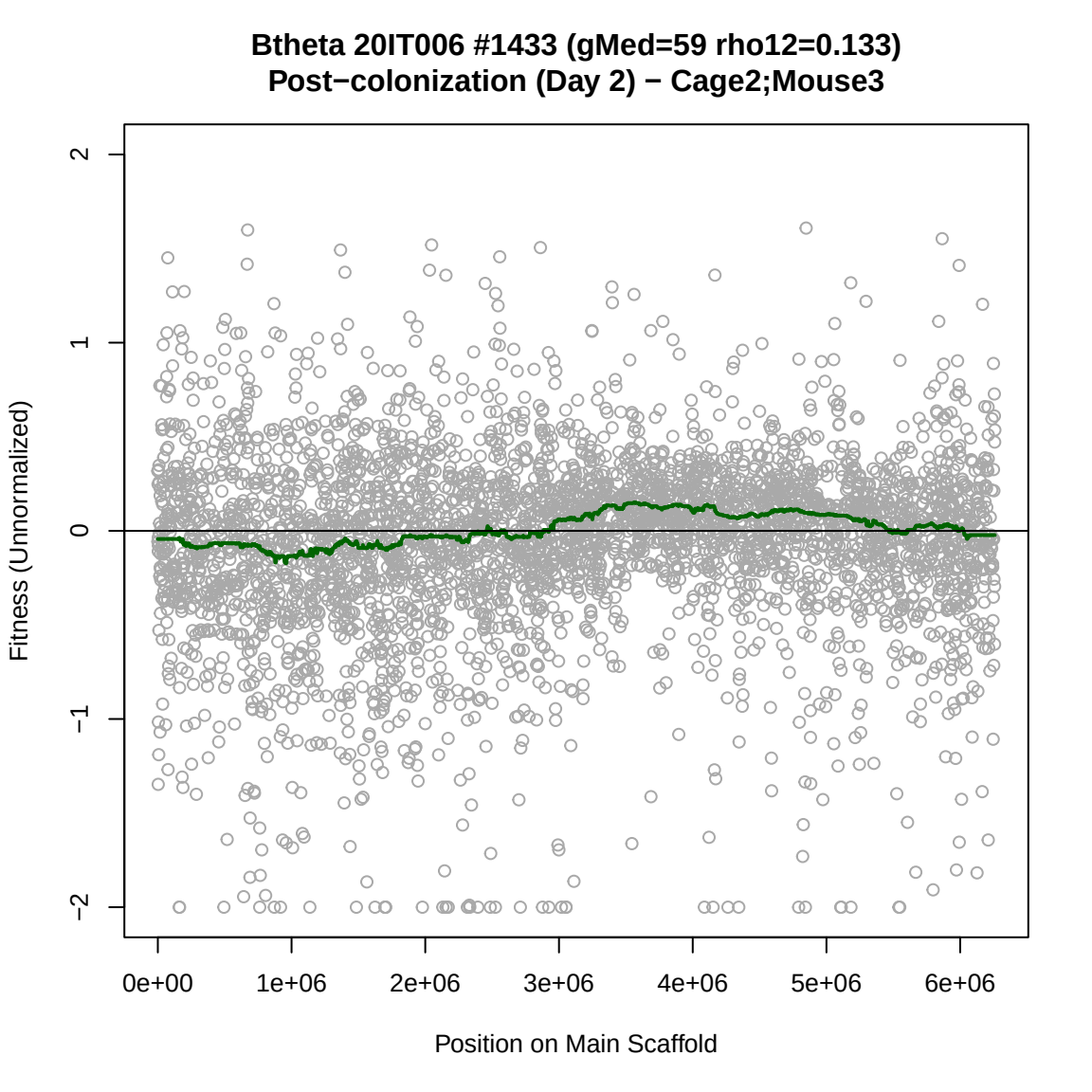

Btheta 20IT001 #1428 (gMed=44 rho12=0.153)
Post−colonization (Day 1) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

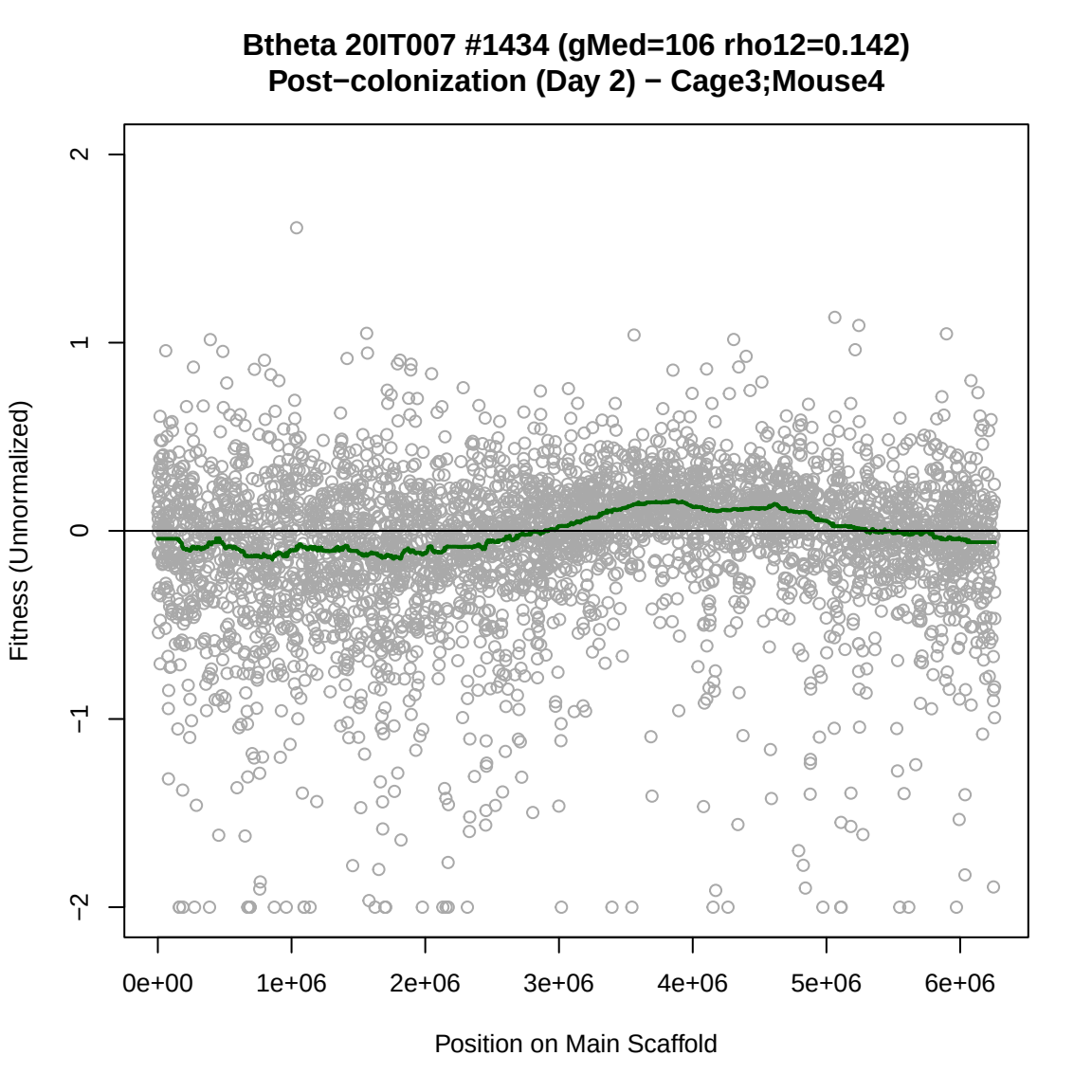

Btheta 20IT002 #1429 (gMed=79 rho12=0.182)
Post−colonization (Day 1) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

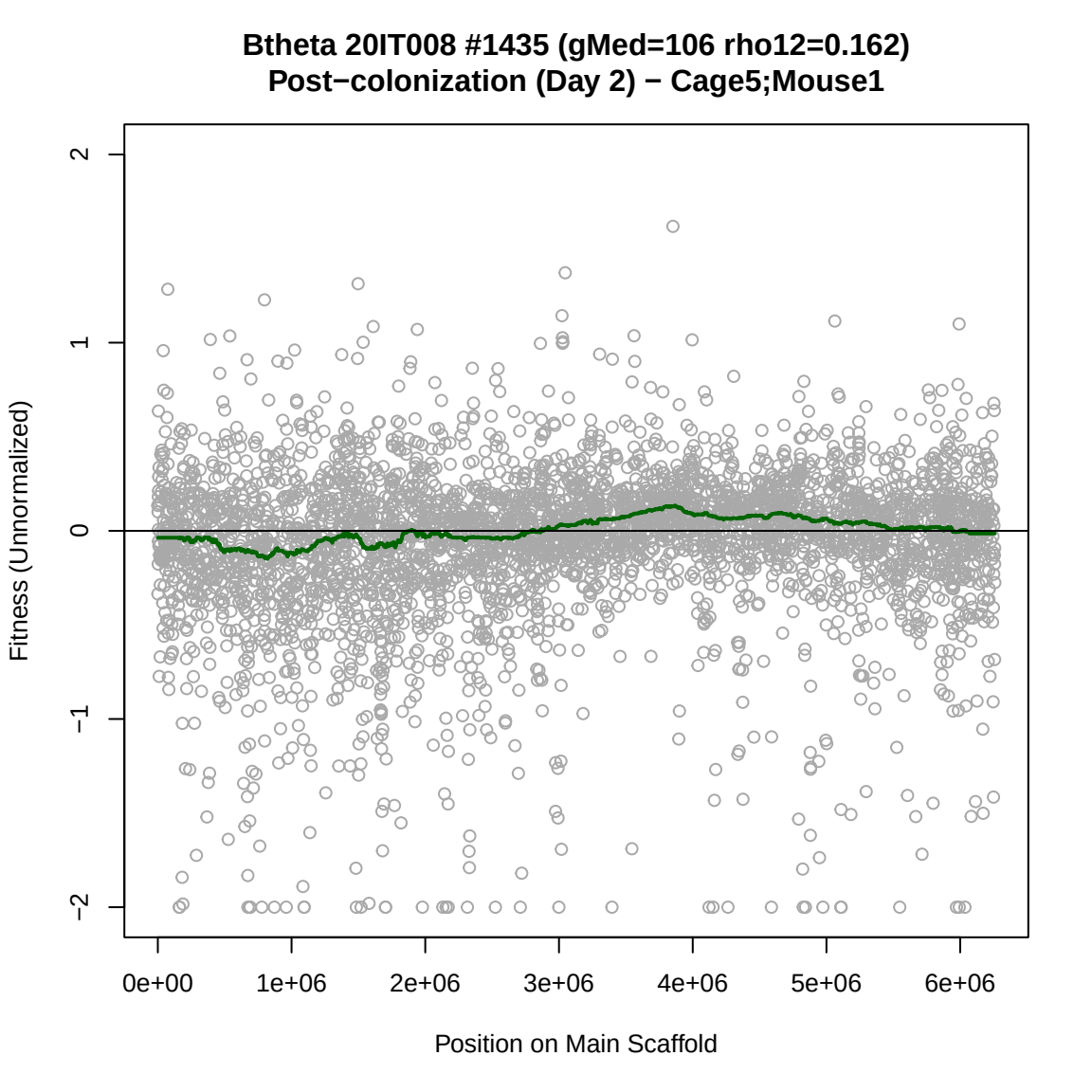

Btheta 20IT003 #1430 (gMed=87 rho12=0.109)
Post−colonization (Day 1) − Cage4;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

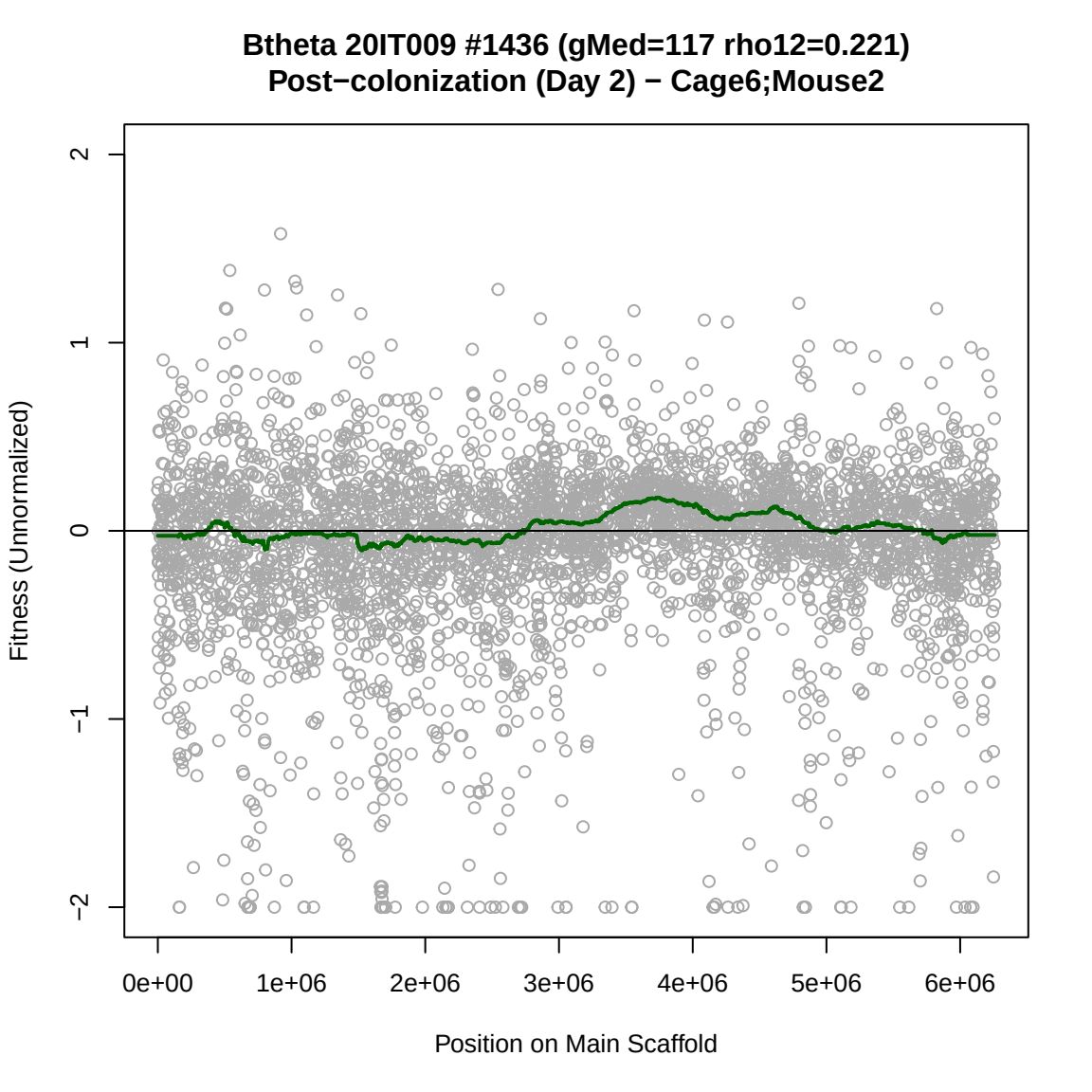

Btheta 20IT004 #1431 (gMed=50 rho12=0.129)
Post−colonization (Day 1) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

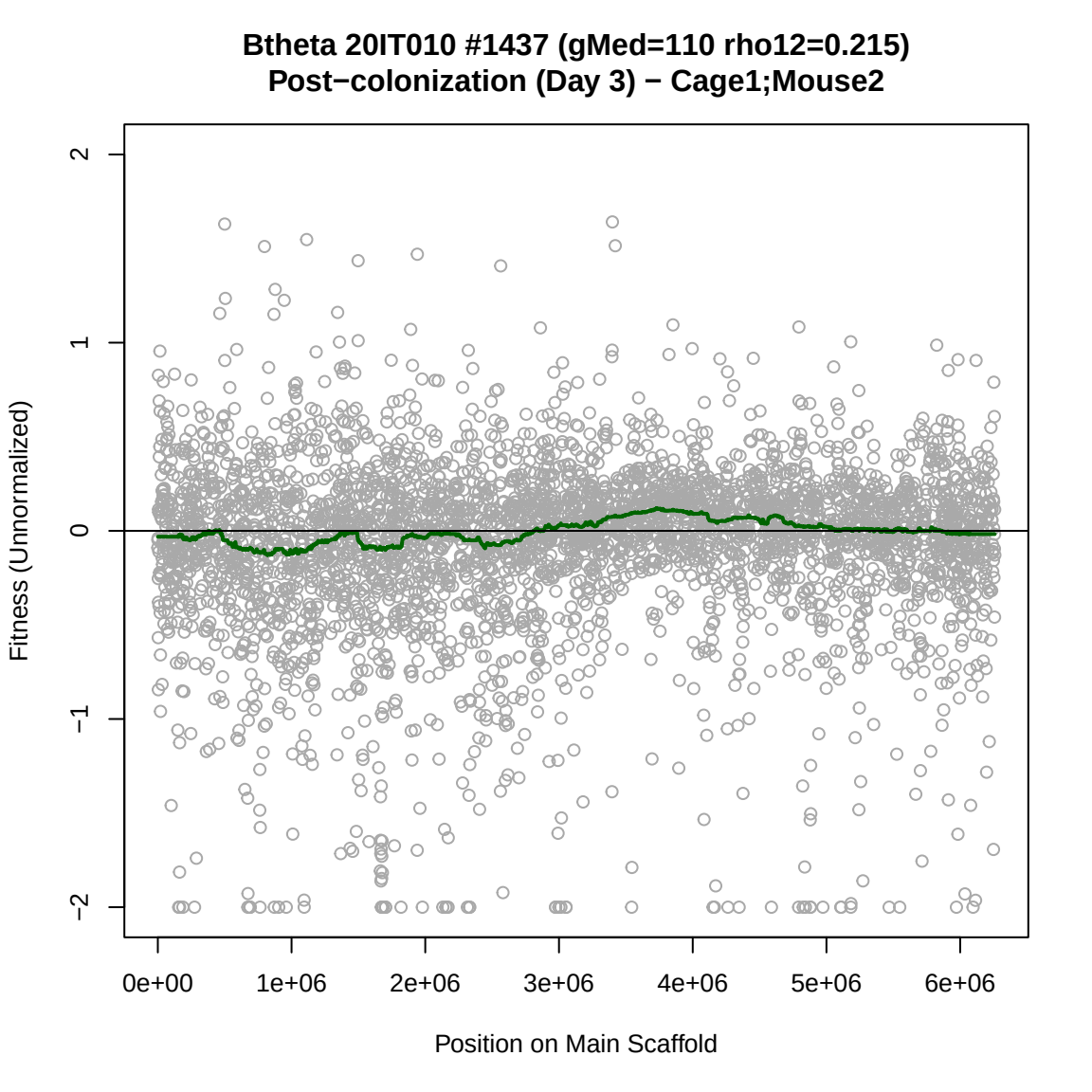

Btheta 20IT005 #1432 (gMed=102 rho12=0.189)
Post−colonization (Day 2) − Cage1;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

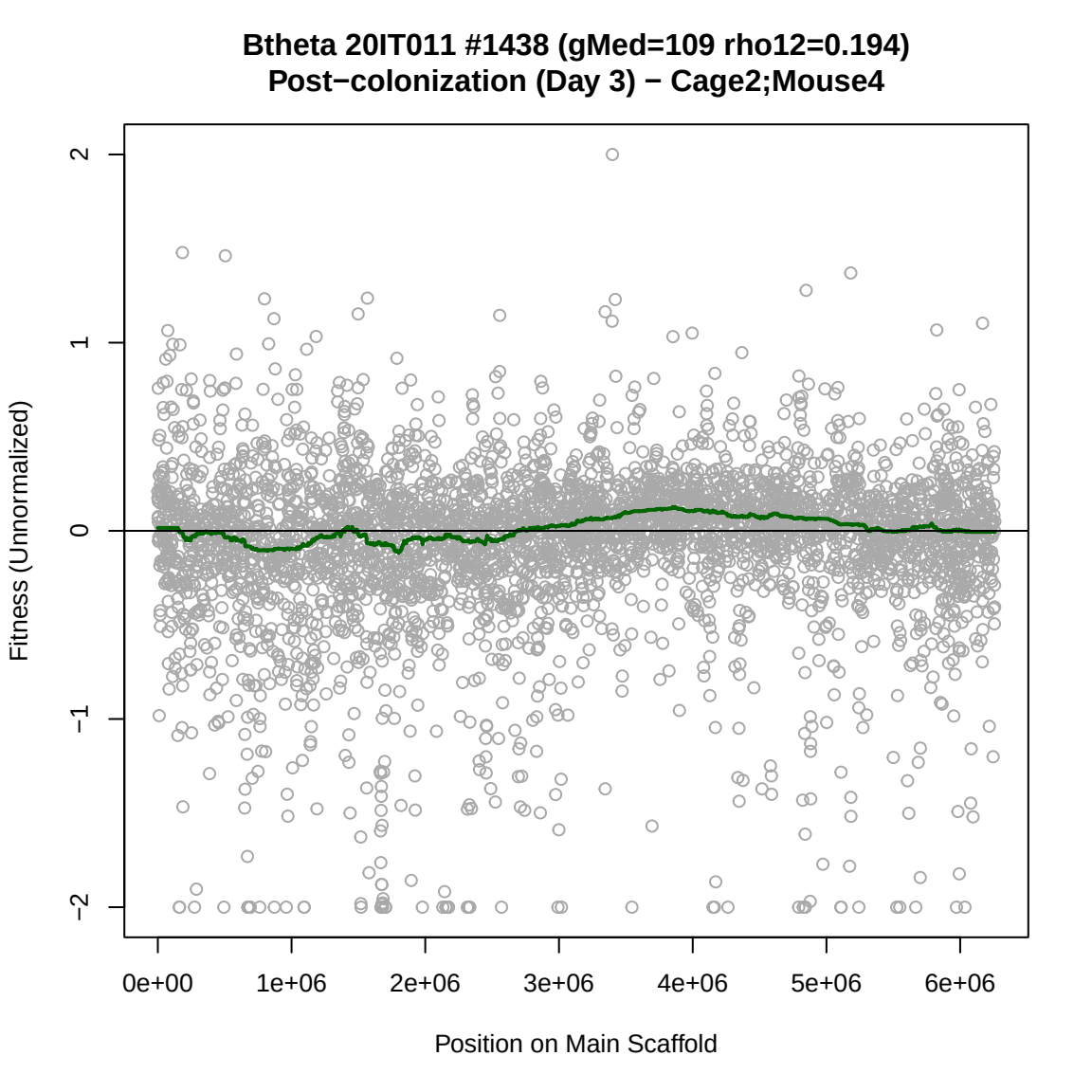

Btheta 20IT006 #1433 (gMed=59 rho12=0.133)
Post−colonization (Day 2) − Cage2;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

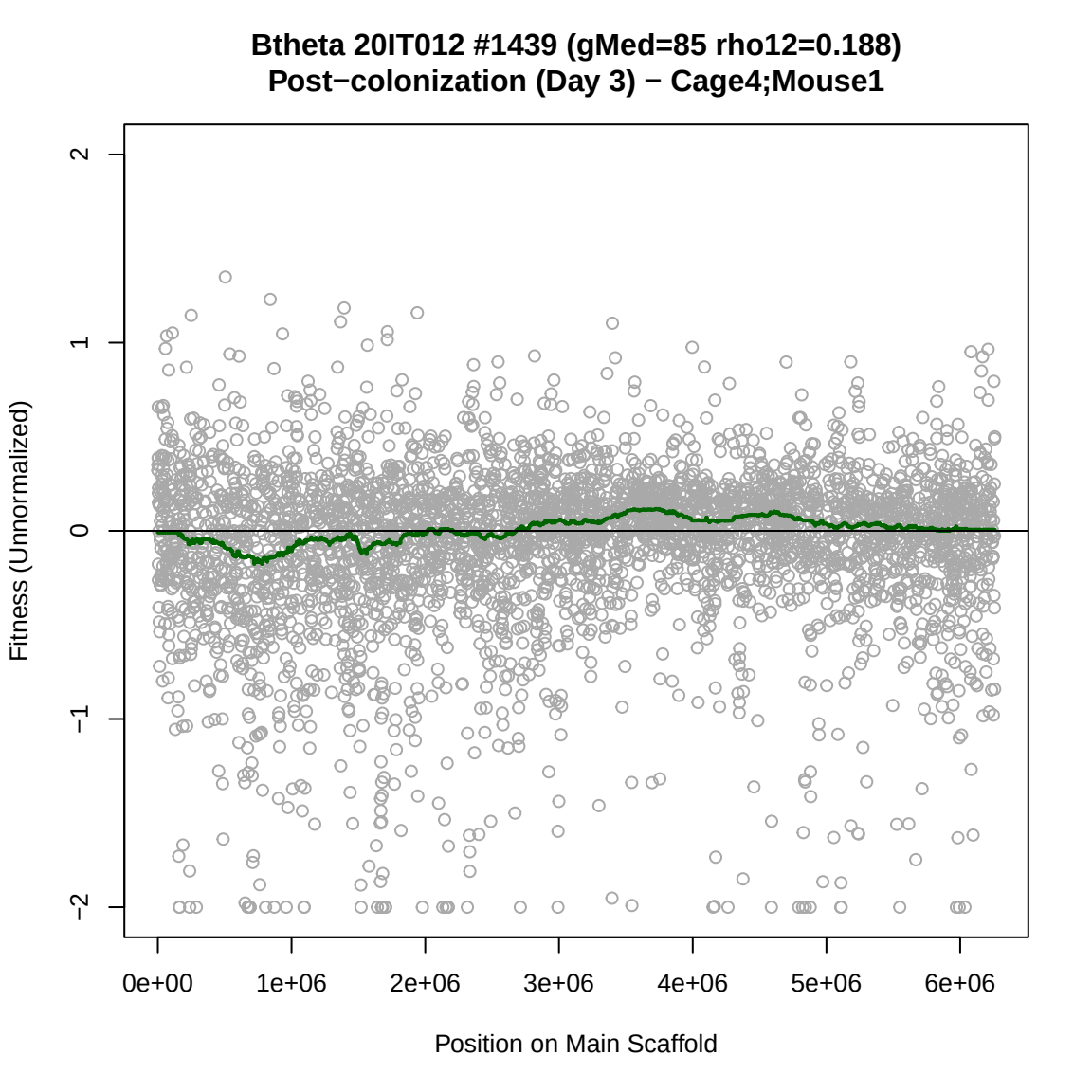

Btheta 20IT007 #1434 (gMed=106 rho12=0.142)
Post−colonization (Day 2) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

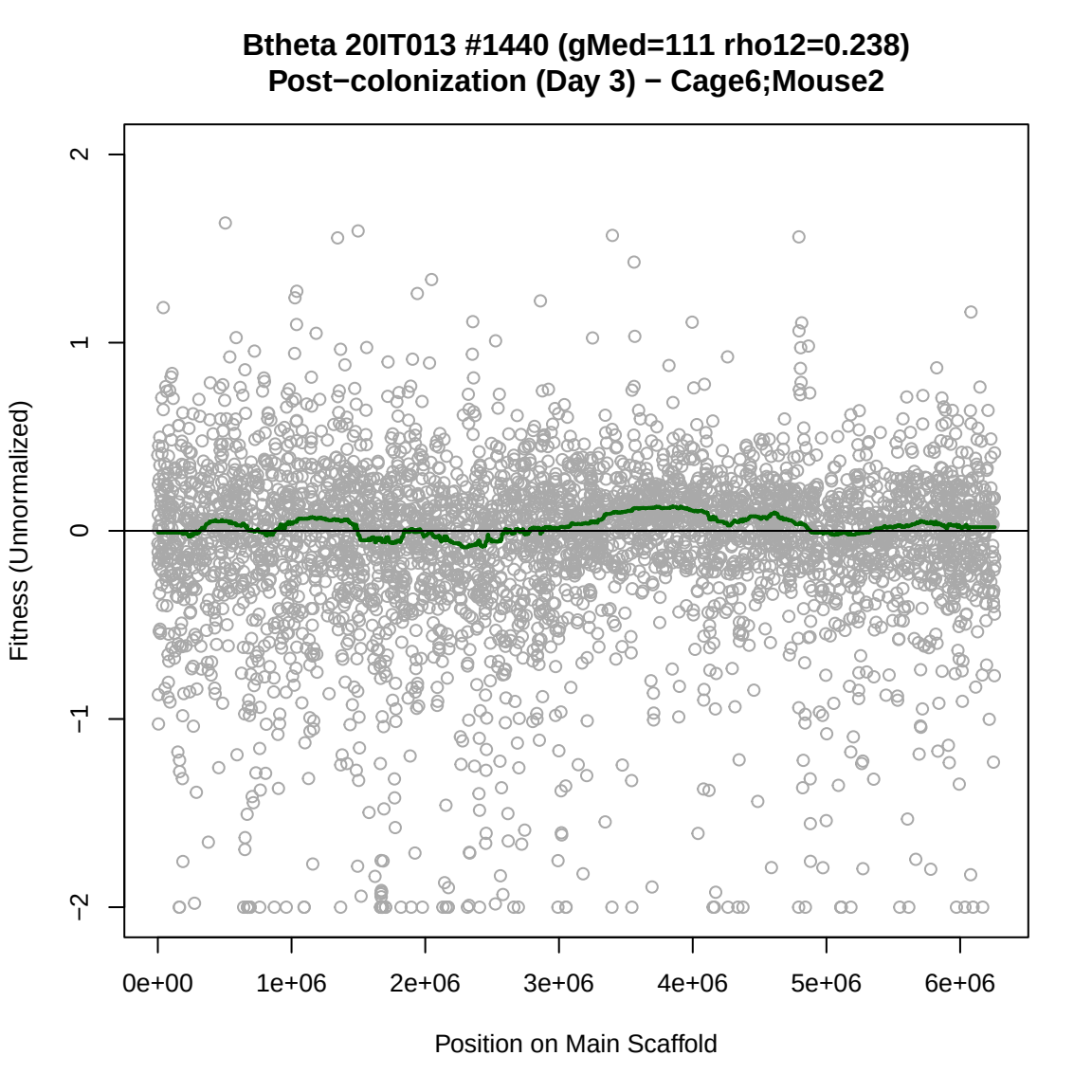

Btheta 20IT008 #1435 (gMed=106 rho12=0.162)
Post−colonization (Day 2) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

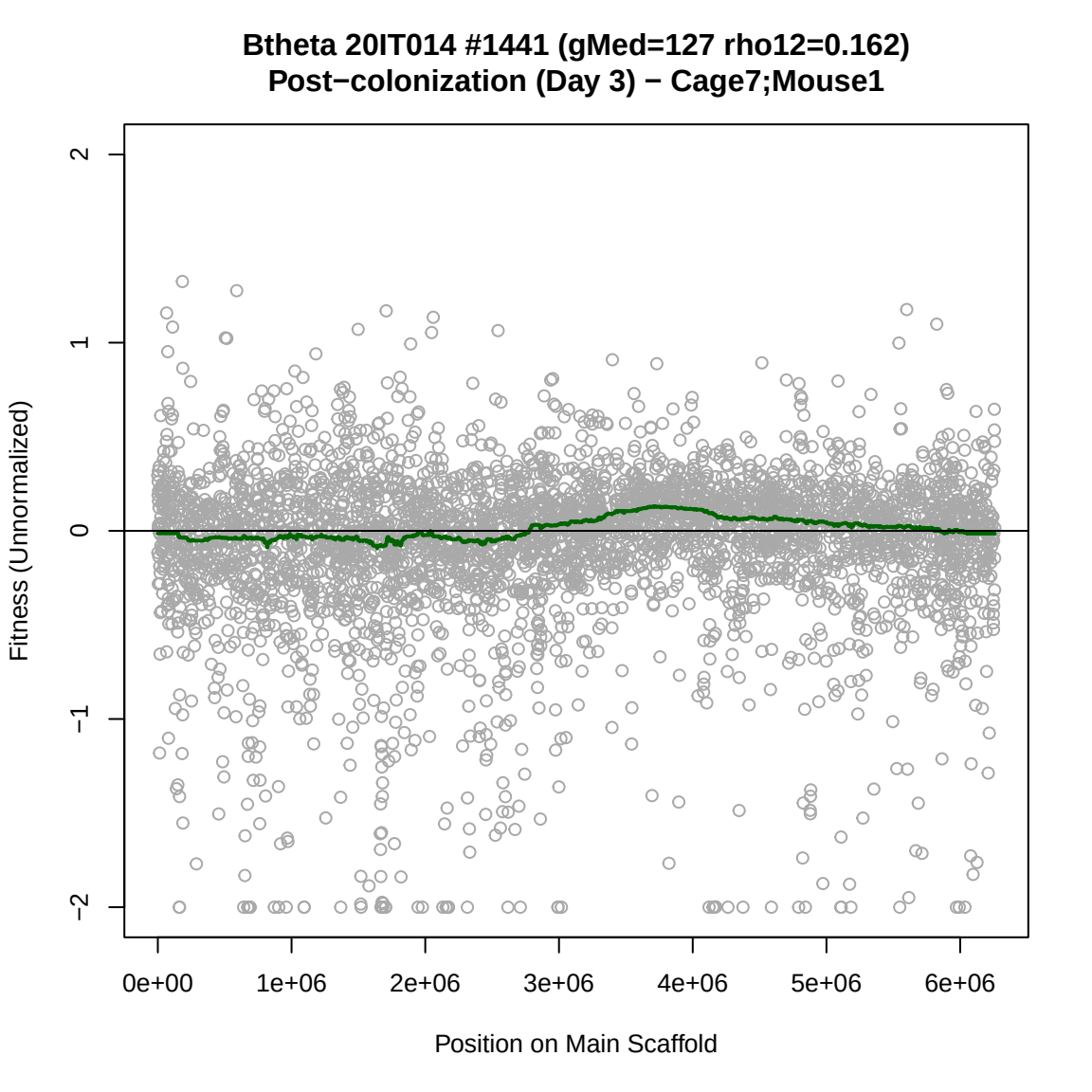

Btheta 20IT009 #1436 (gMed=117 rho12=0.221)
Post−colonization (Day 2) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

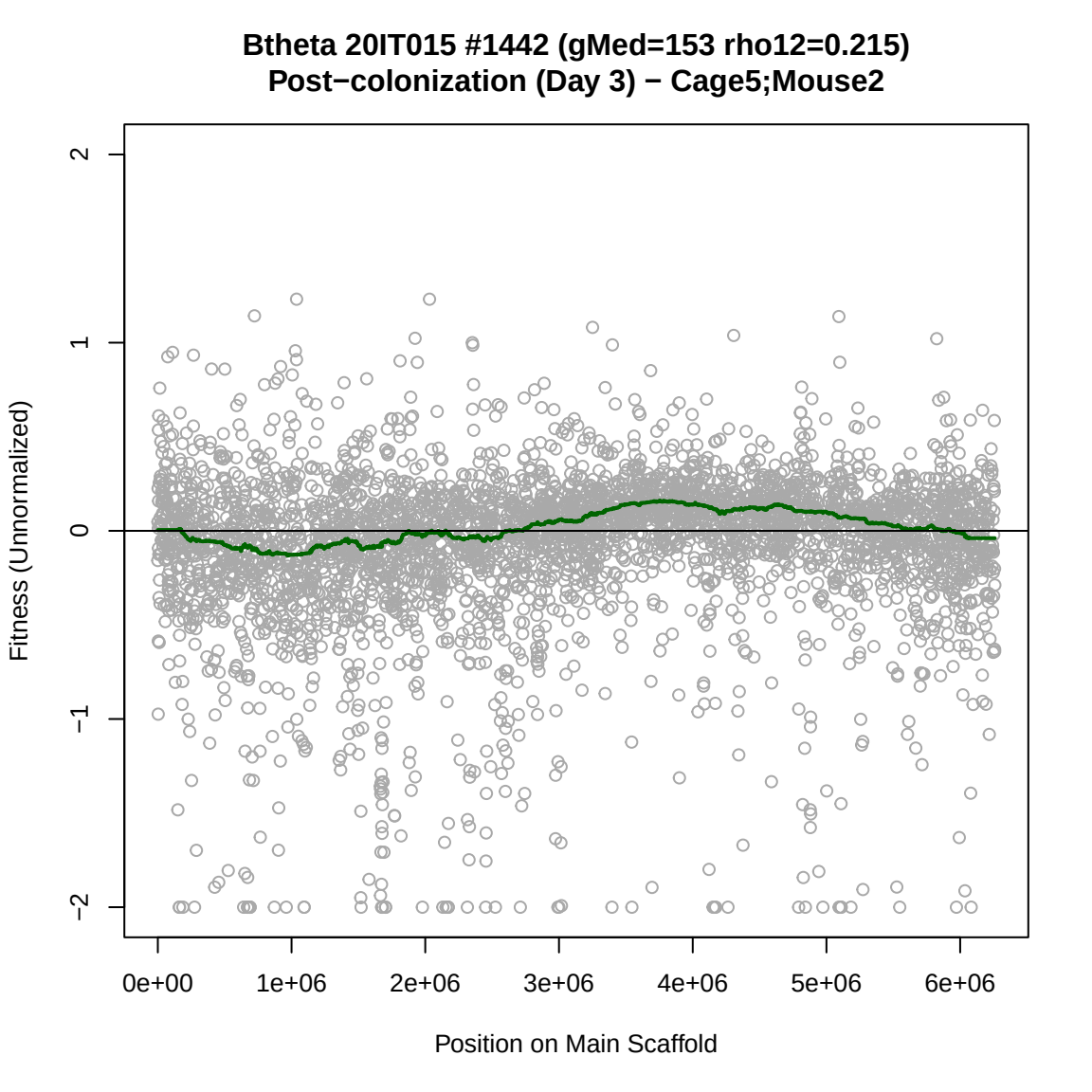

Btheta 20IT010 #1437 (gMed=110 rho12=0.215)
Post−colonization (Day 3) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

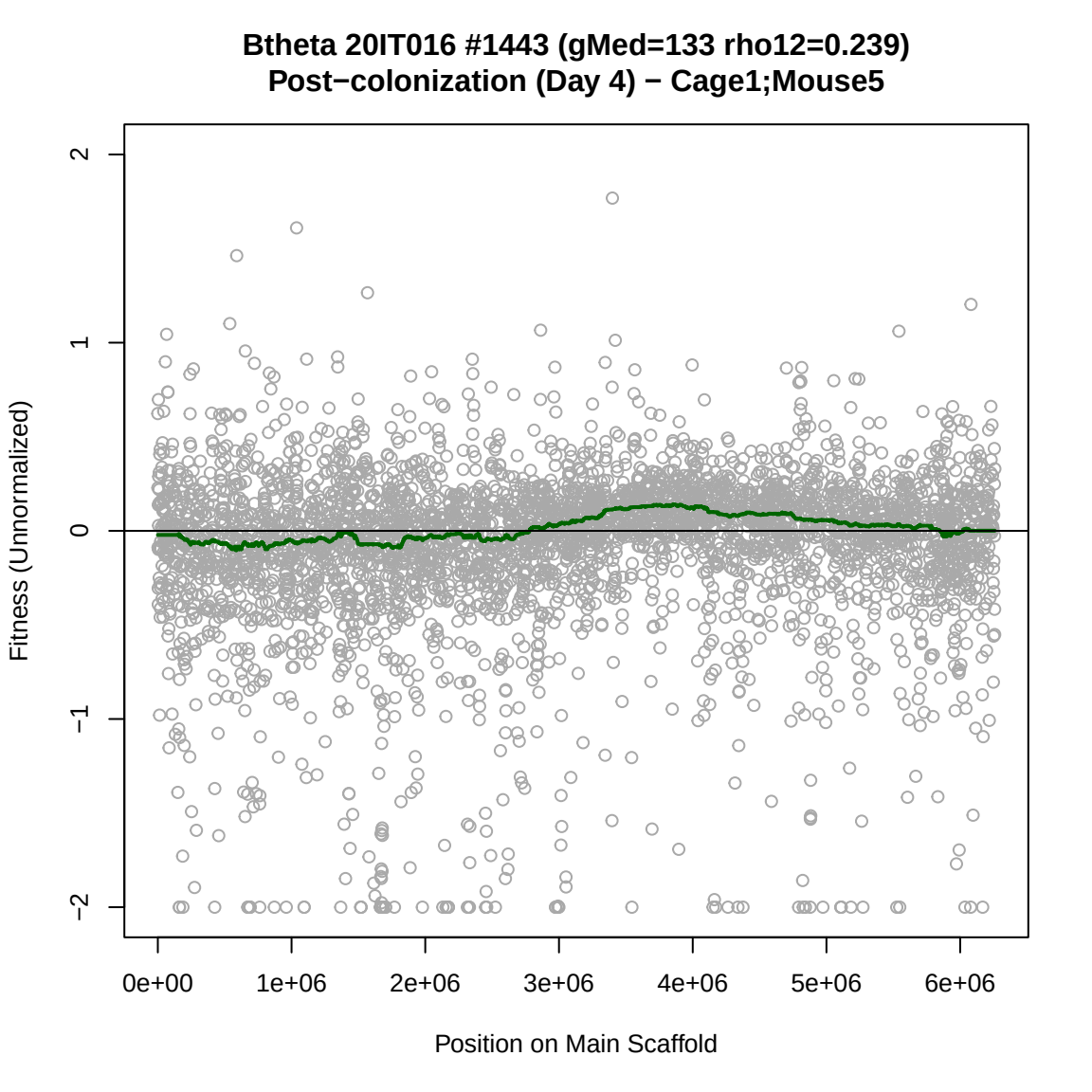

Btheta 20IT011 #1438 (gMed=109 rho12=0.194)
Post−colonization (Day 3) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

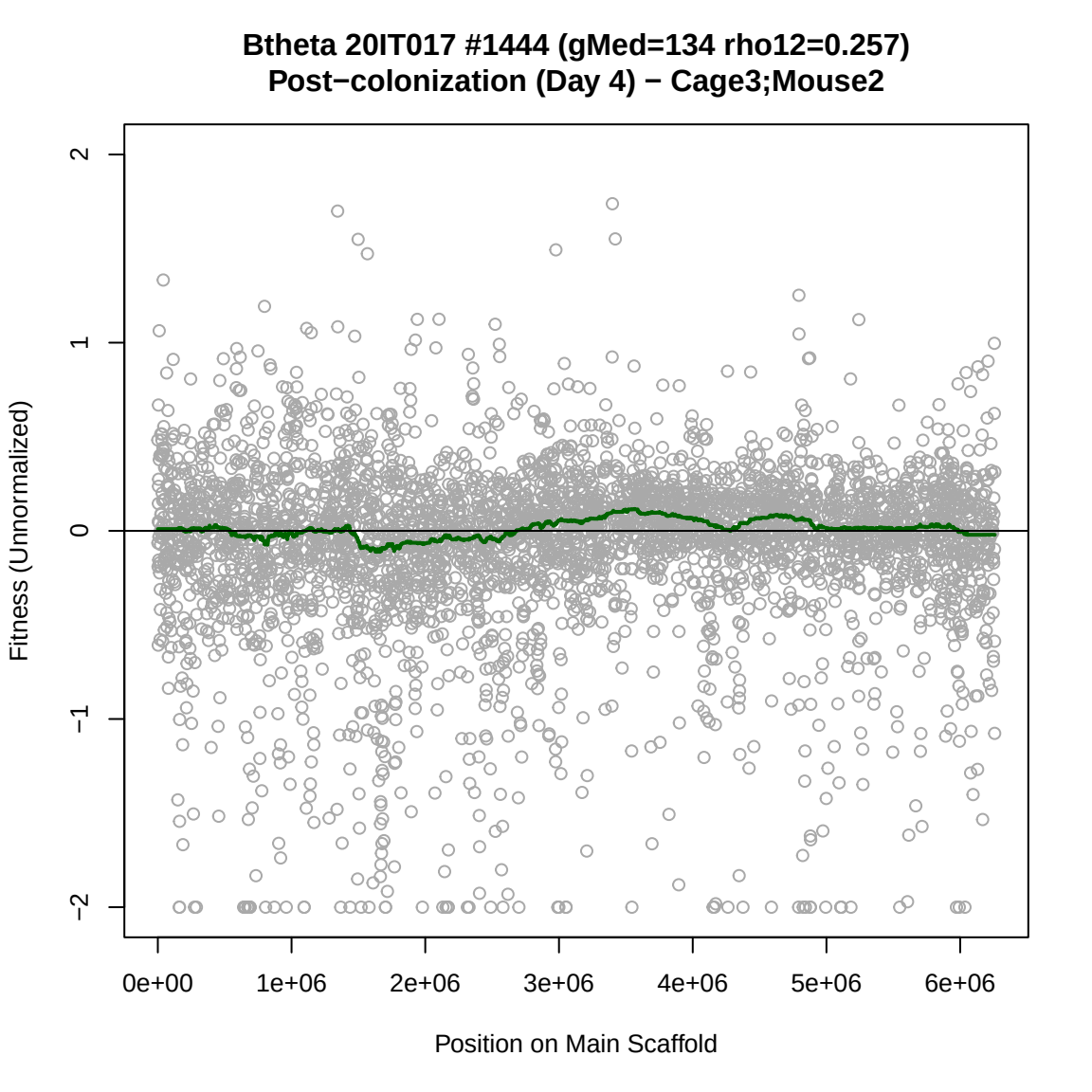

Btheta 20IT012 #1439 (gMed=85 rho12=0.188)
Post−colonization (Day 3) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

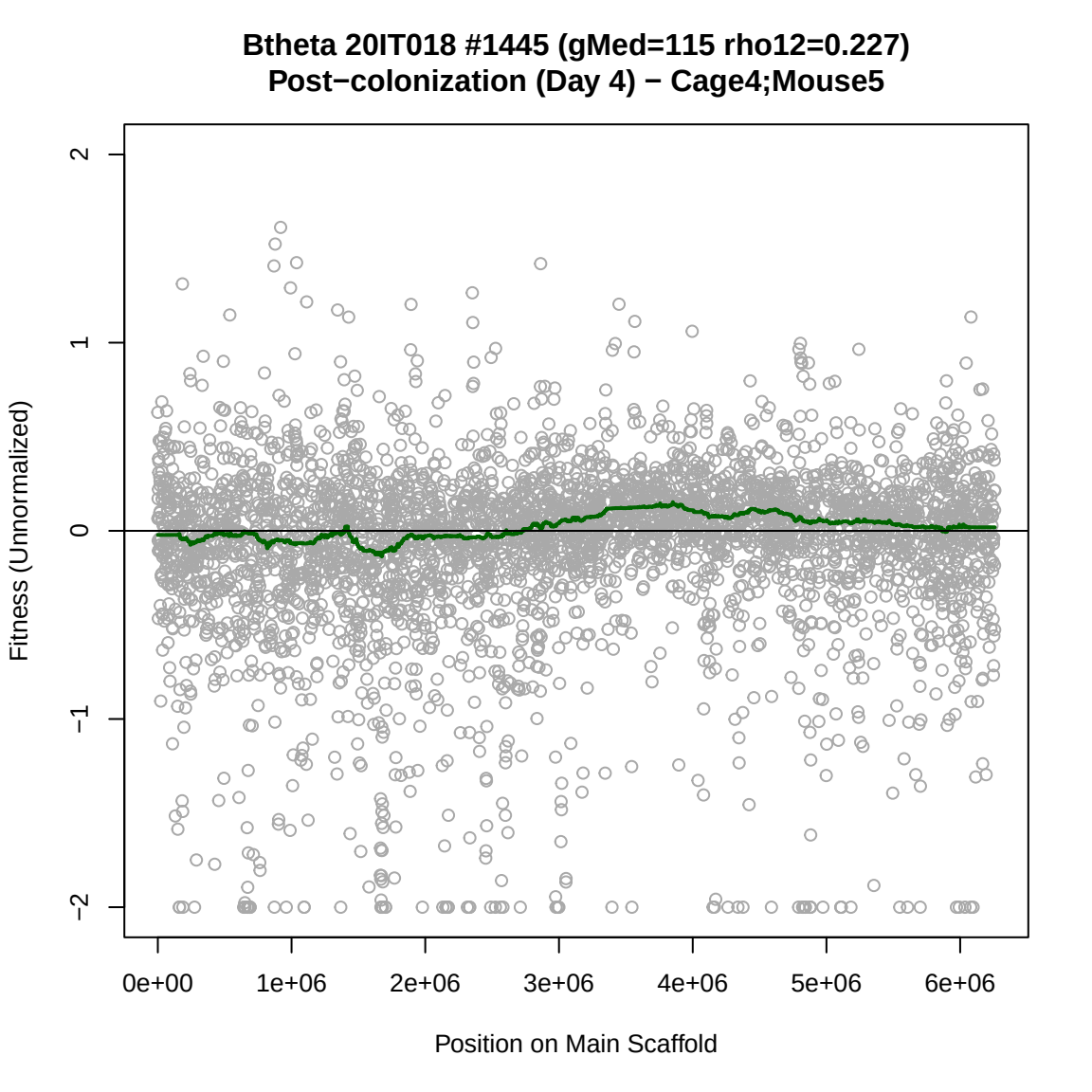

Btheta 20IT013 #1440 (gMed=111 rho12=0.238)
Post−colonization (Day 3) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

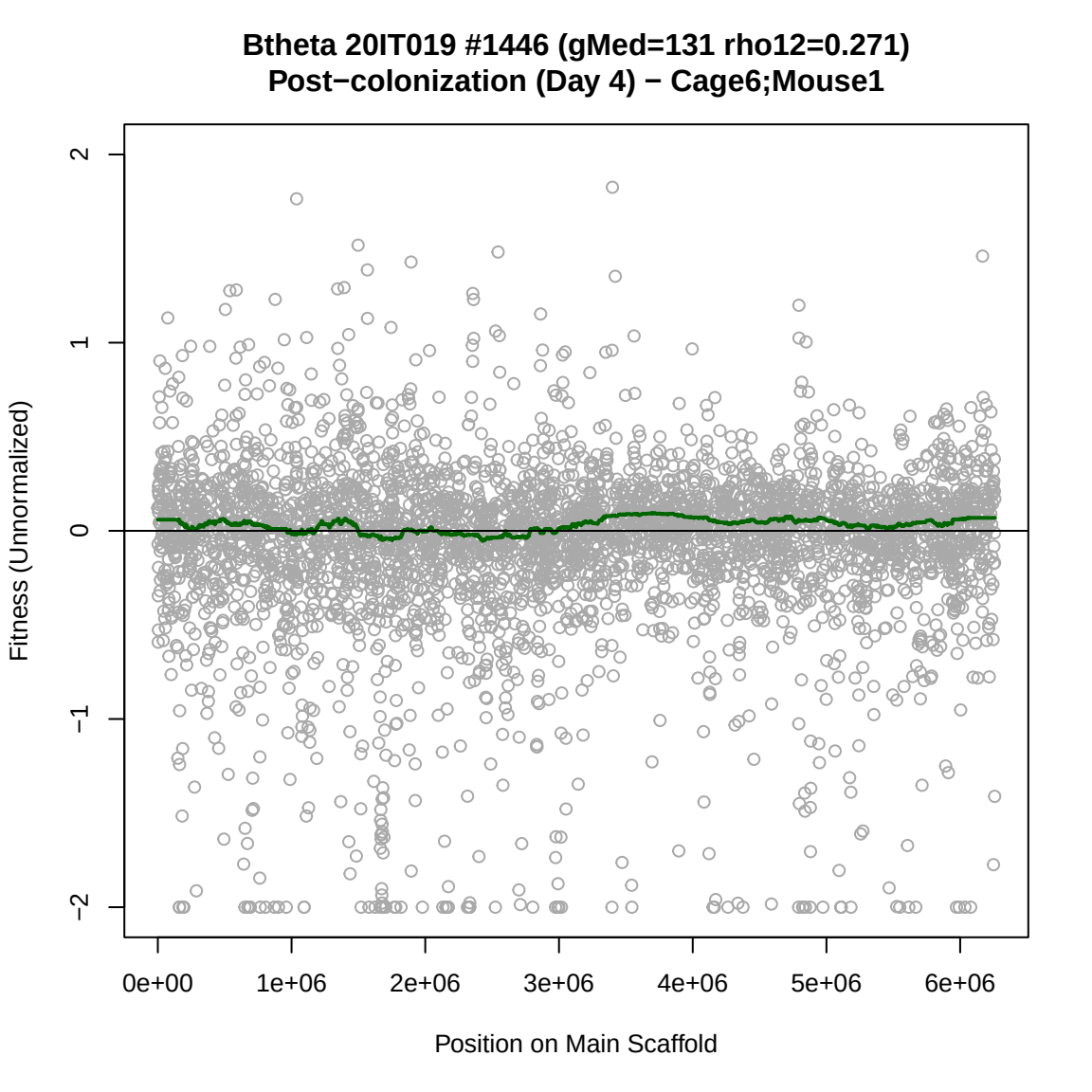

Btheta 20IT014 #1441 (gMed=127 rho12=0.162)
Post−colonization (Day 3) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

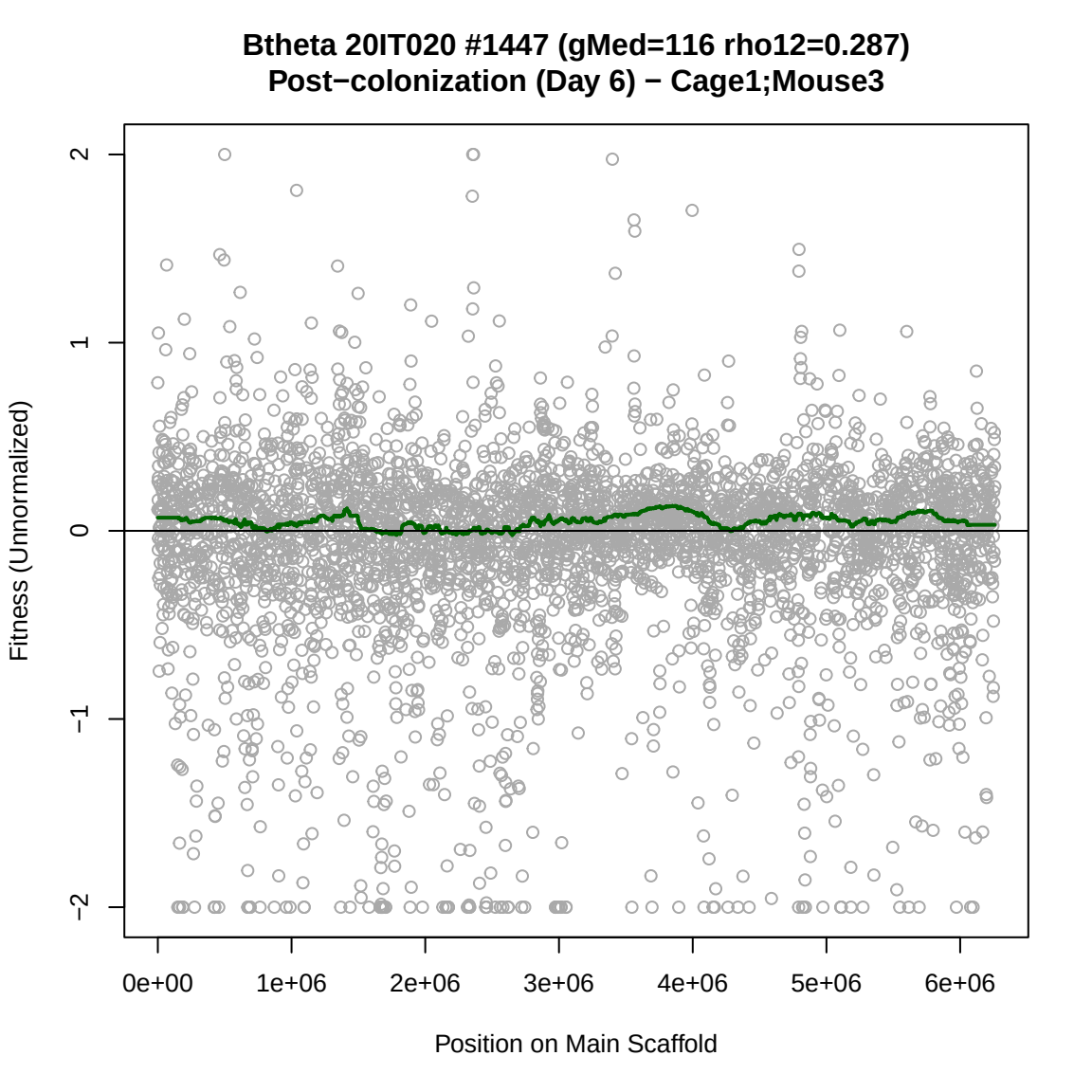

Btheta 20IT015 #1442 (gMed=153 rho12=0.215)
Post−colonization (Day 3) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

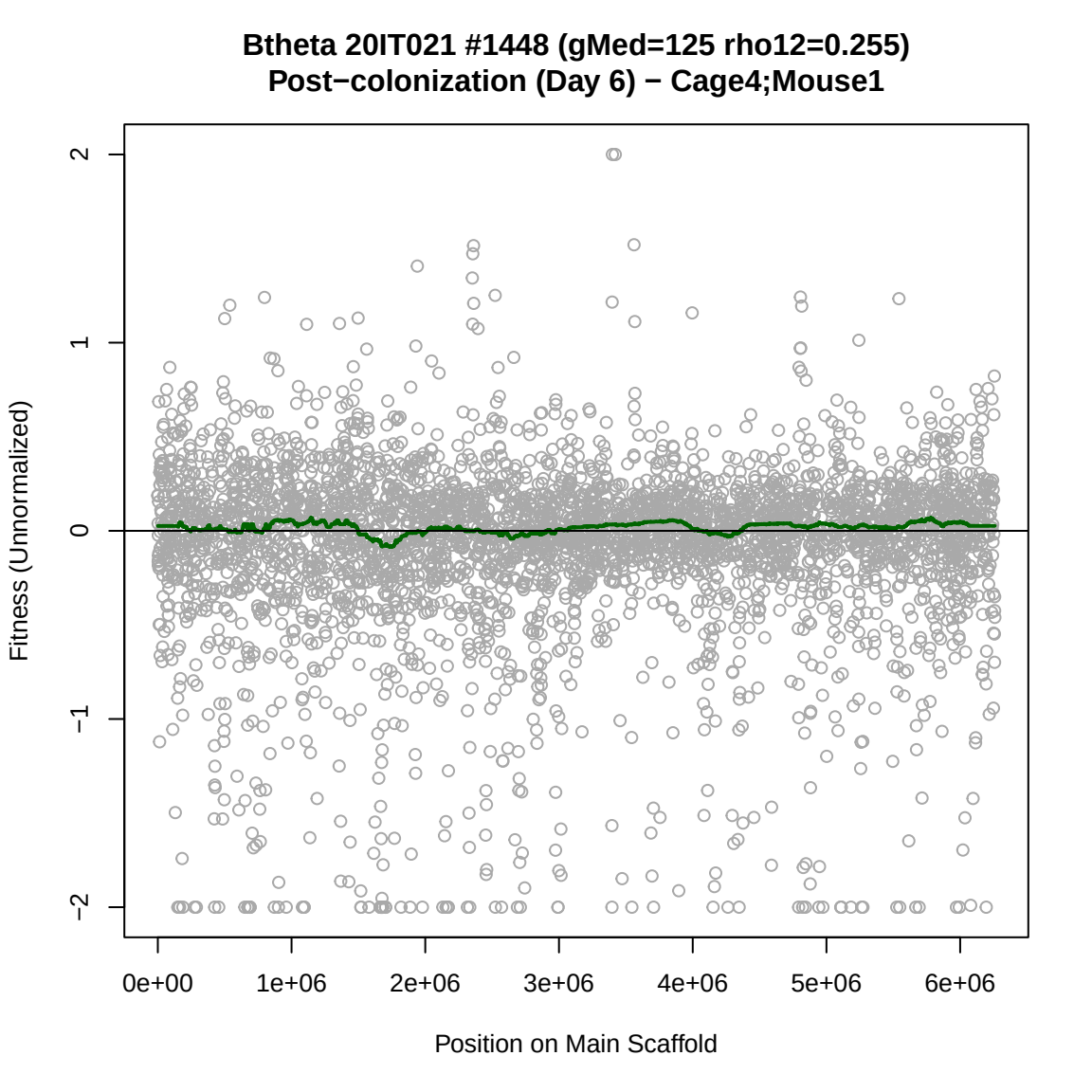

Btheta 20IT016 #1443 (gMed=133 rho12=0.239)
Post−colonization (Day 4) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

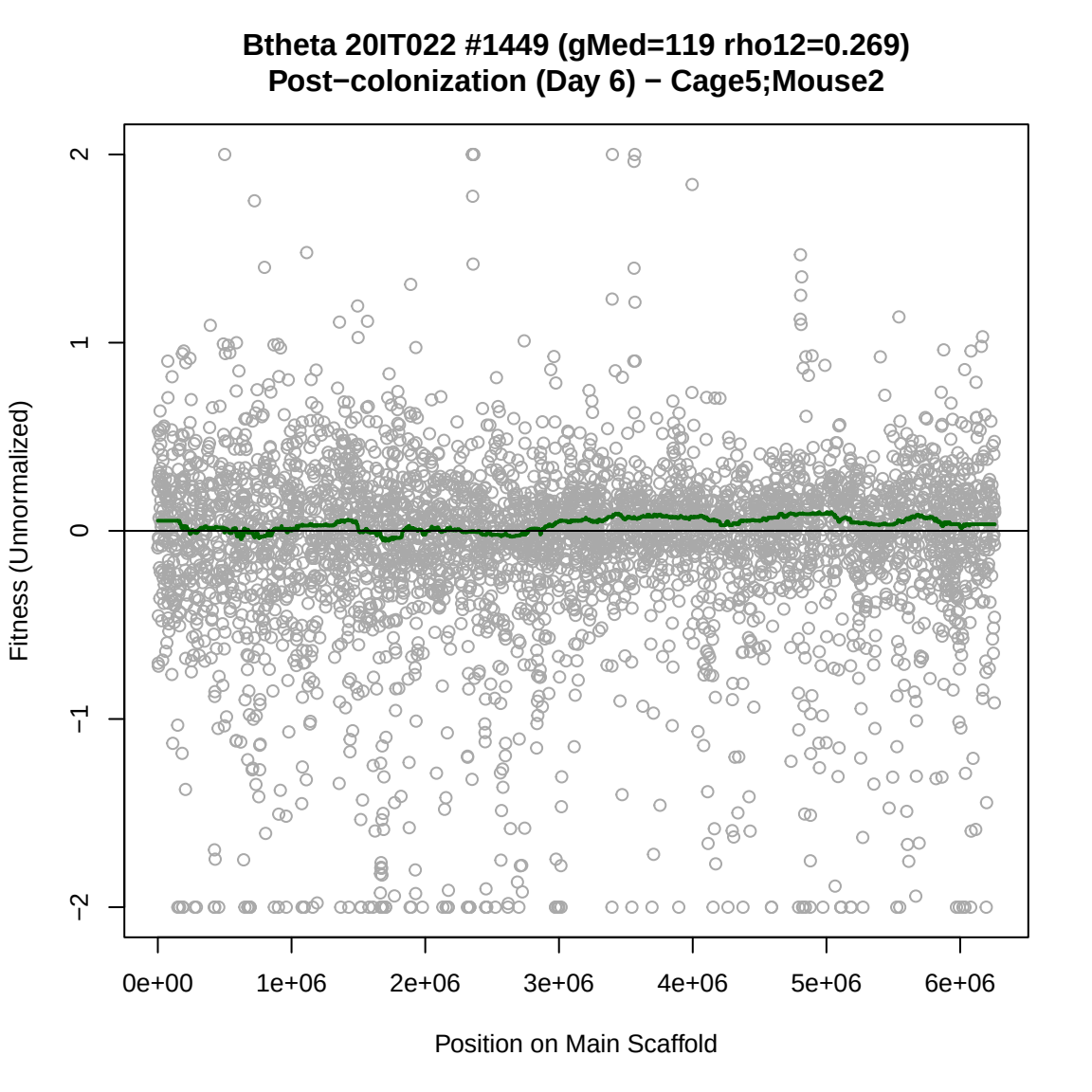

Btheta 20IT017 #1444 (gMed=134 rho12=0.257)
Post−colonization (Day 4) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

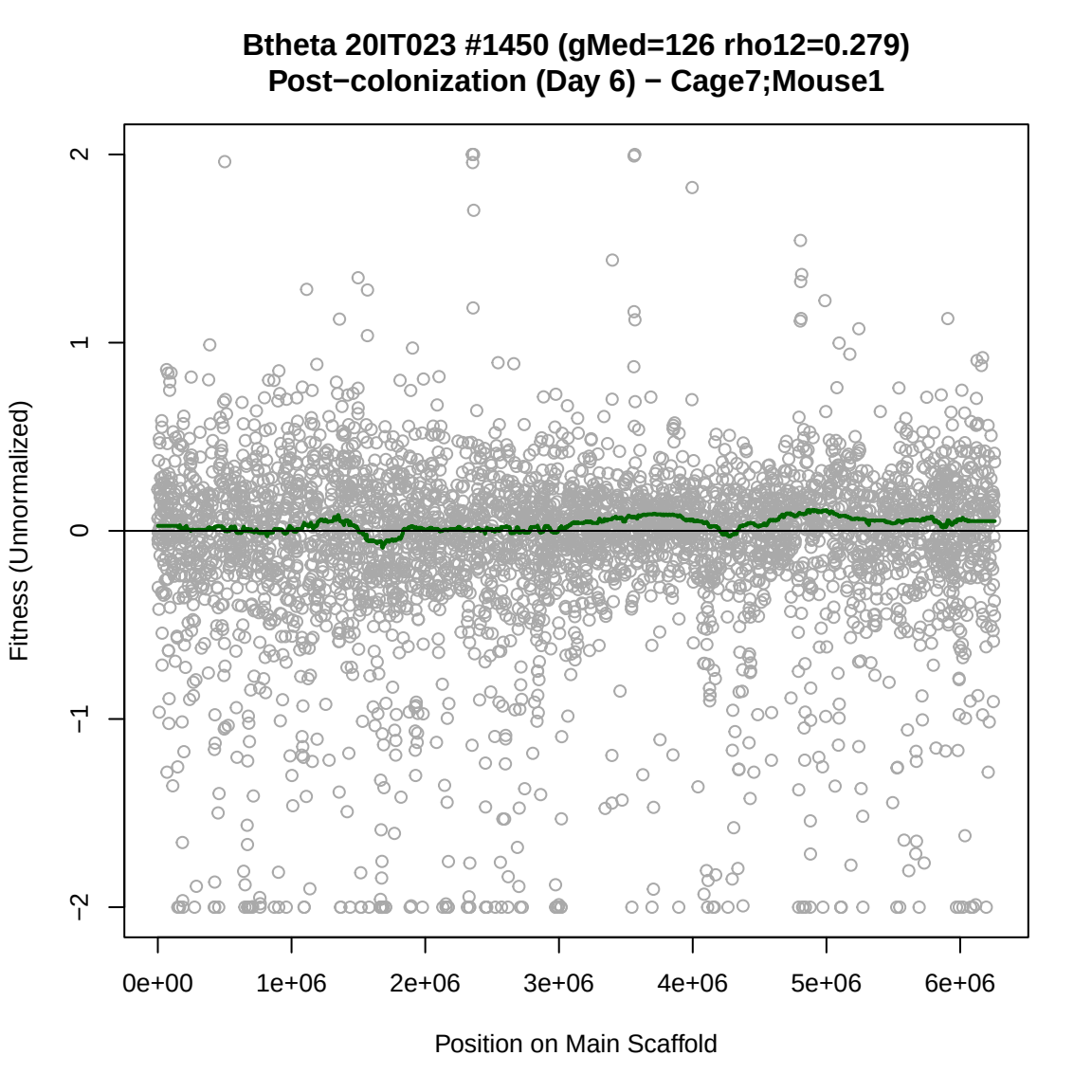

Btheta 20IT018 #1445 (gMed=115 rho12=0.227)
Post−colonization (Day 4) − Cage4;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

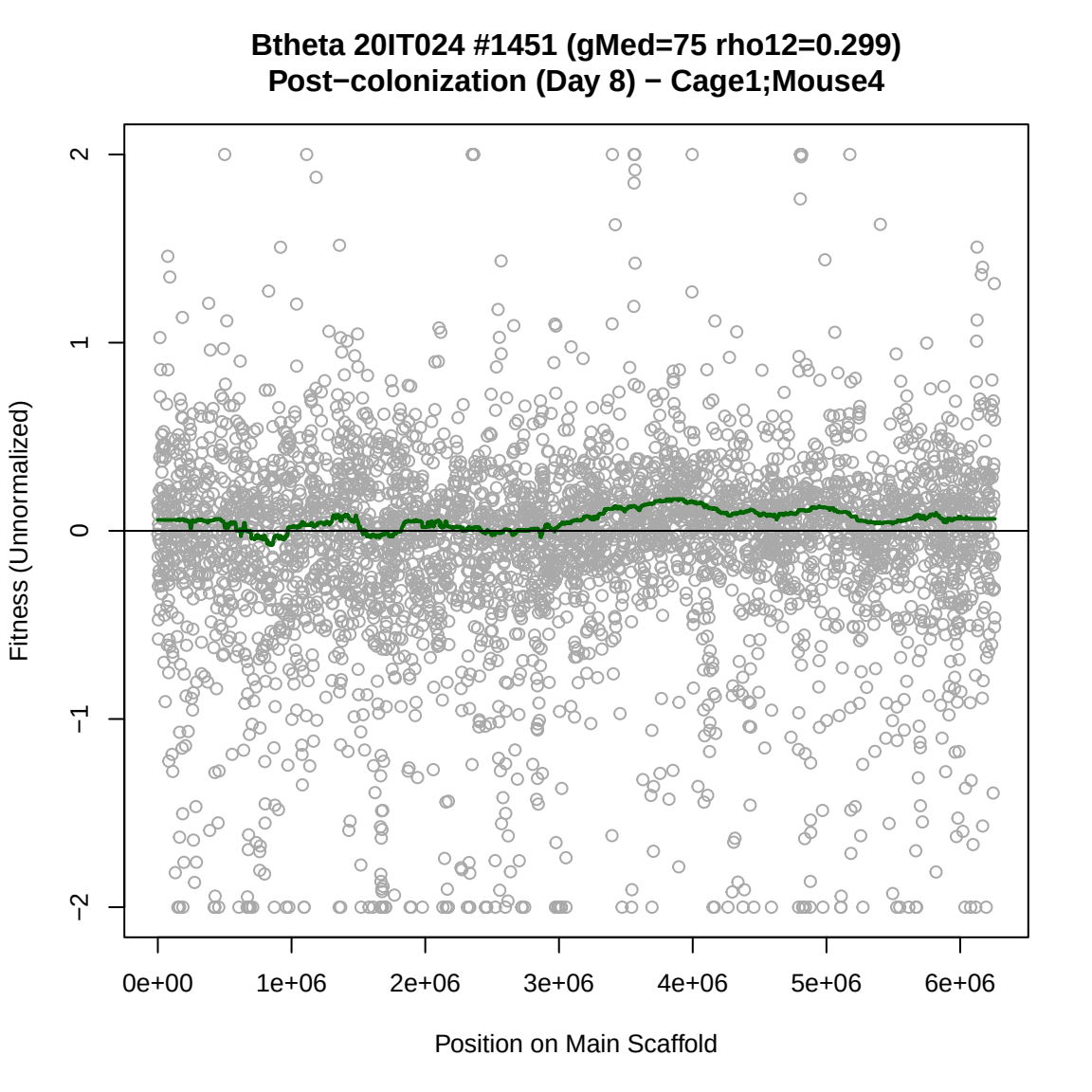

Btheta 20IT019 #1446 (gMed=131 rho12=0.271)
Post−colonization (Day 4) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

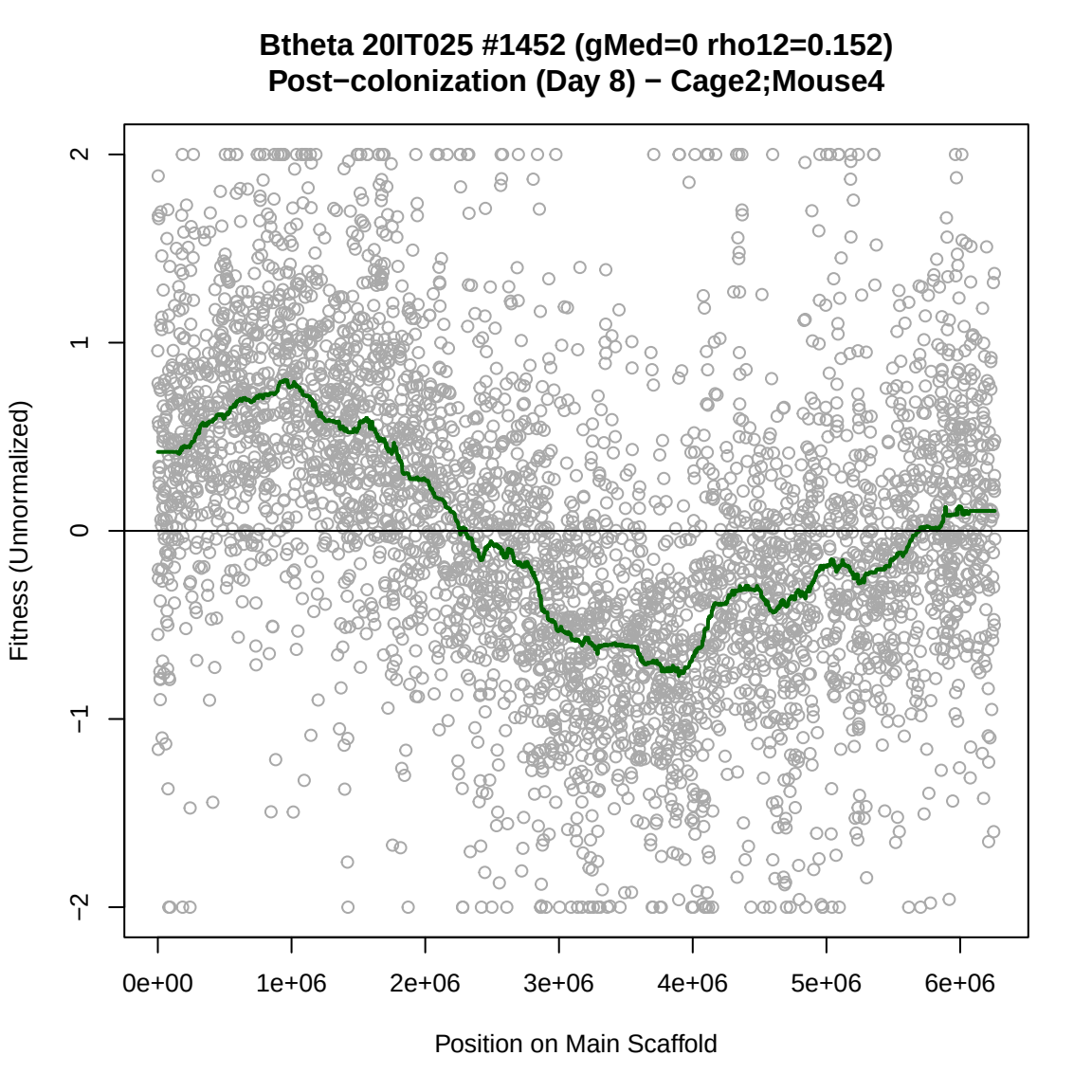

Btheta 20IT020 #1447 (gMed=116 rho12=0.287)
Post−colonization (Day 6) − Cage1;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

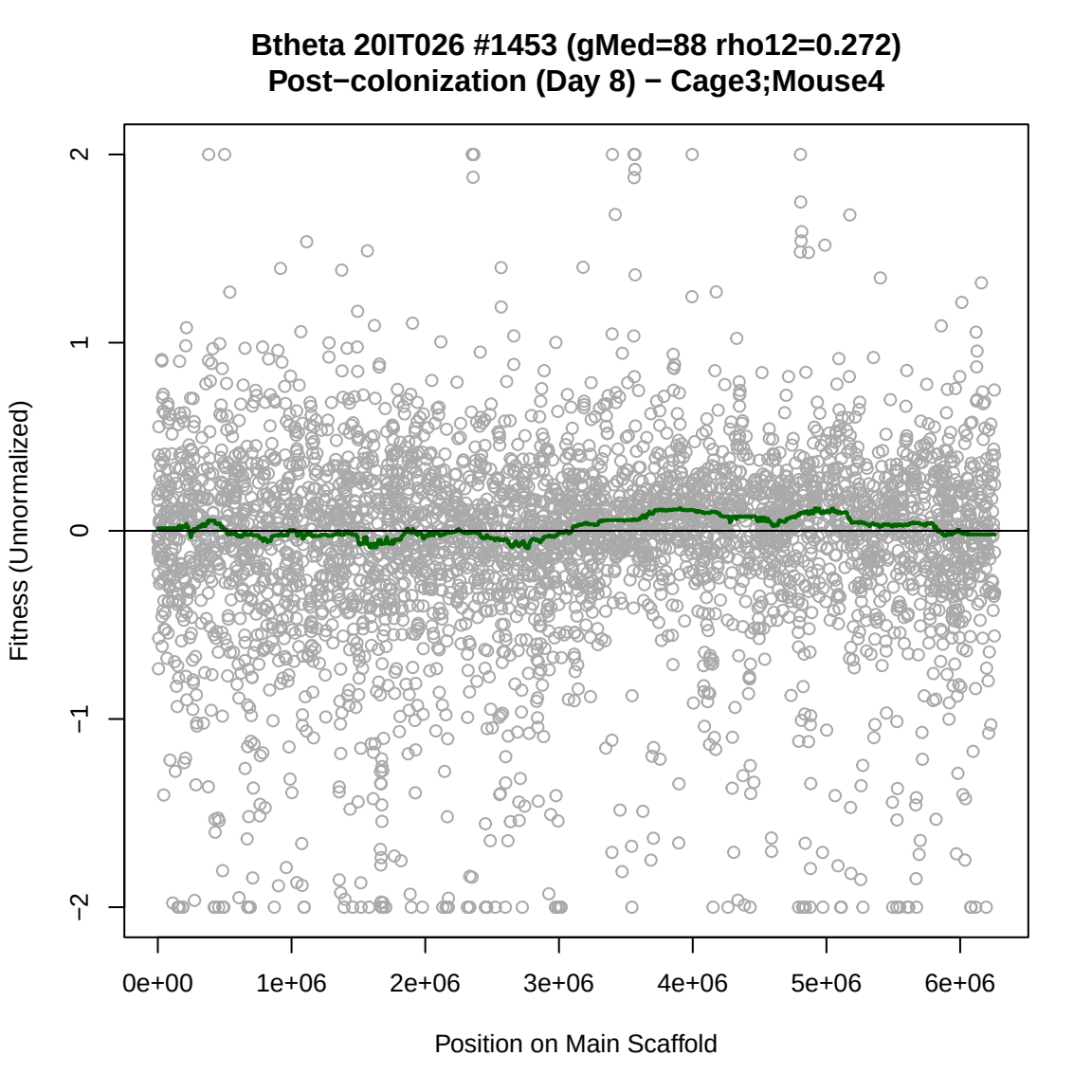

Btheta 20IT021 #1448 (gMed=125 rho12=0.255)
Post−colonization (Day 6) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

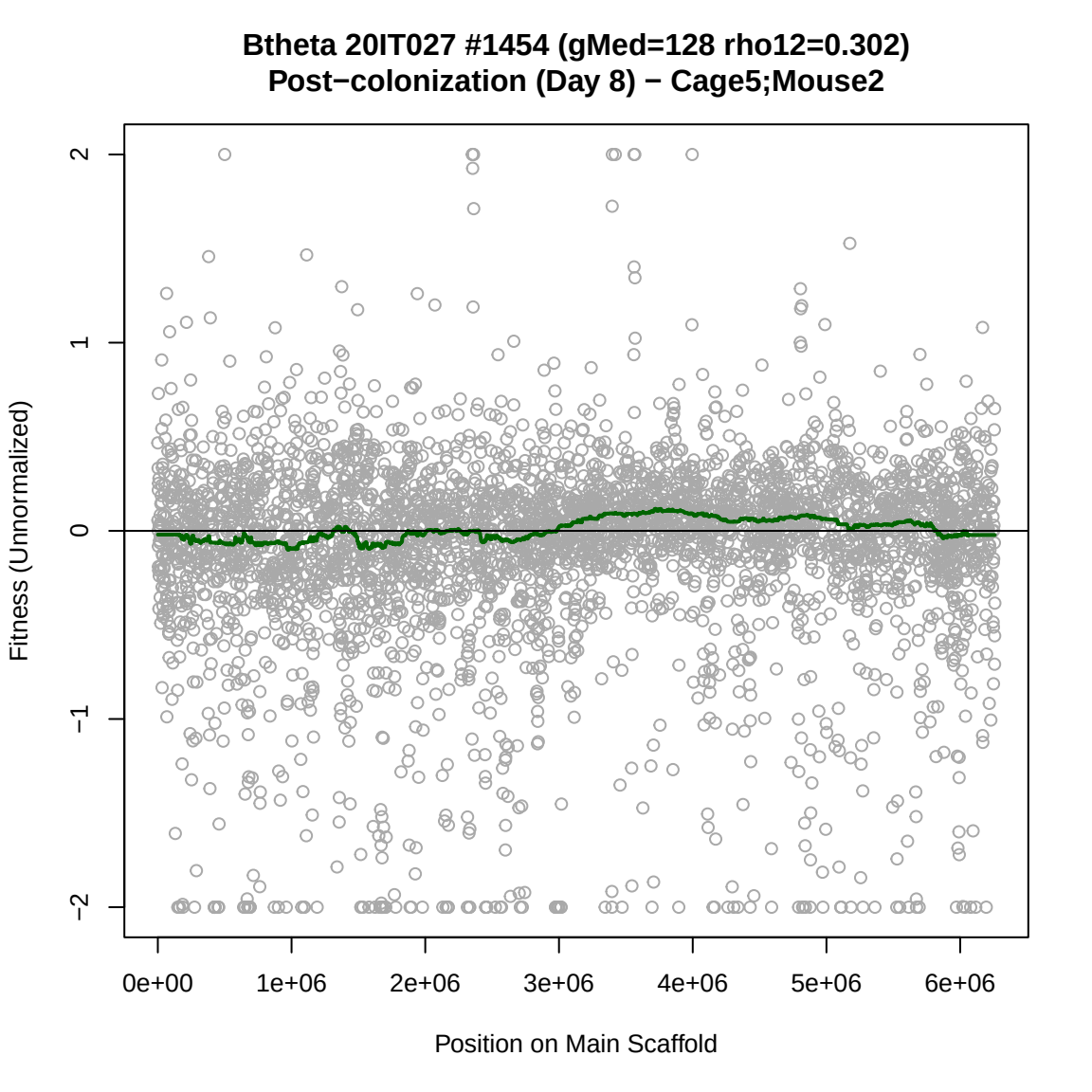

Btheta 20IT022 #1449 (gMed=119 rho12=0.269)
Post−colonization (Day 6) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

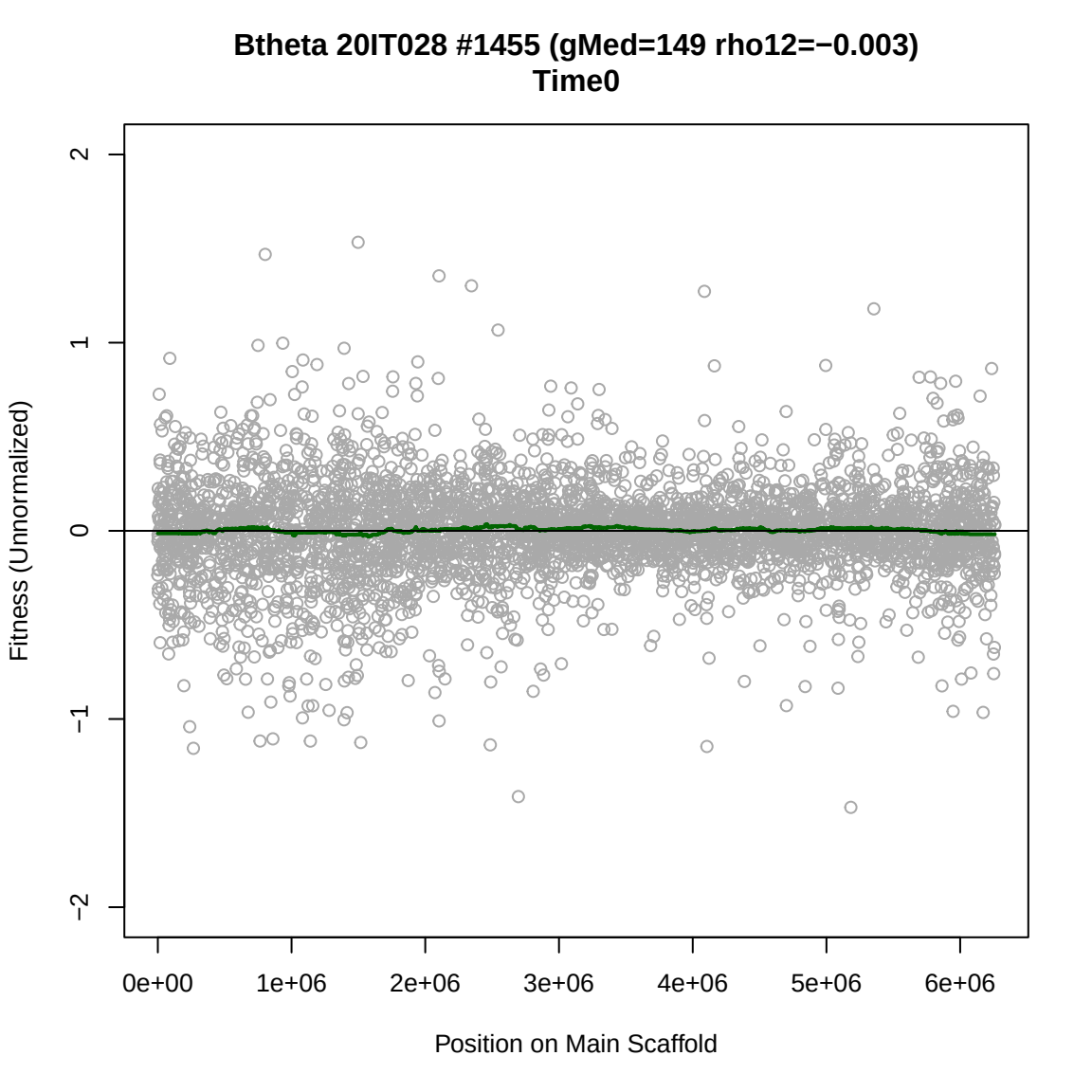

Btheta 20IT023 #1450 (gMed=126 rho12=0.279)
Post−colonization (Day 6) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

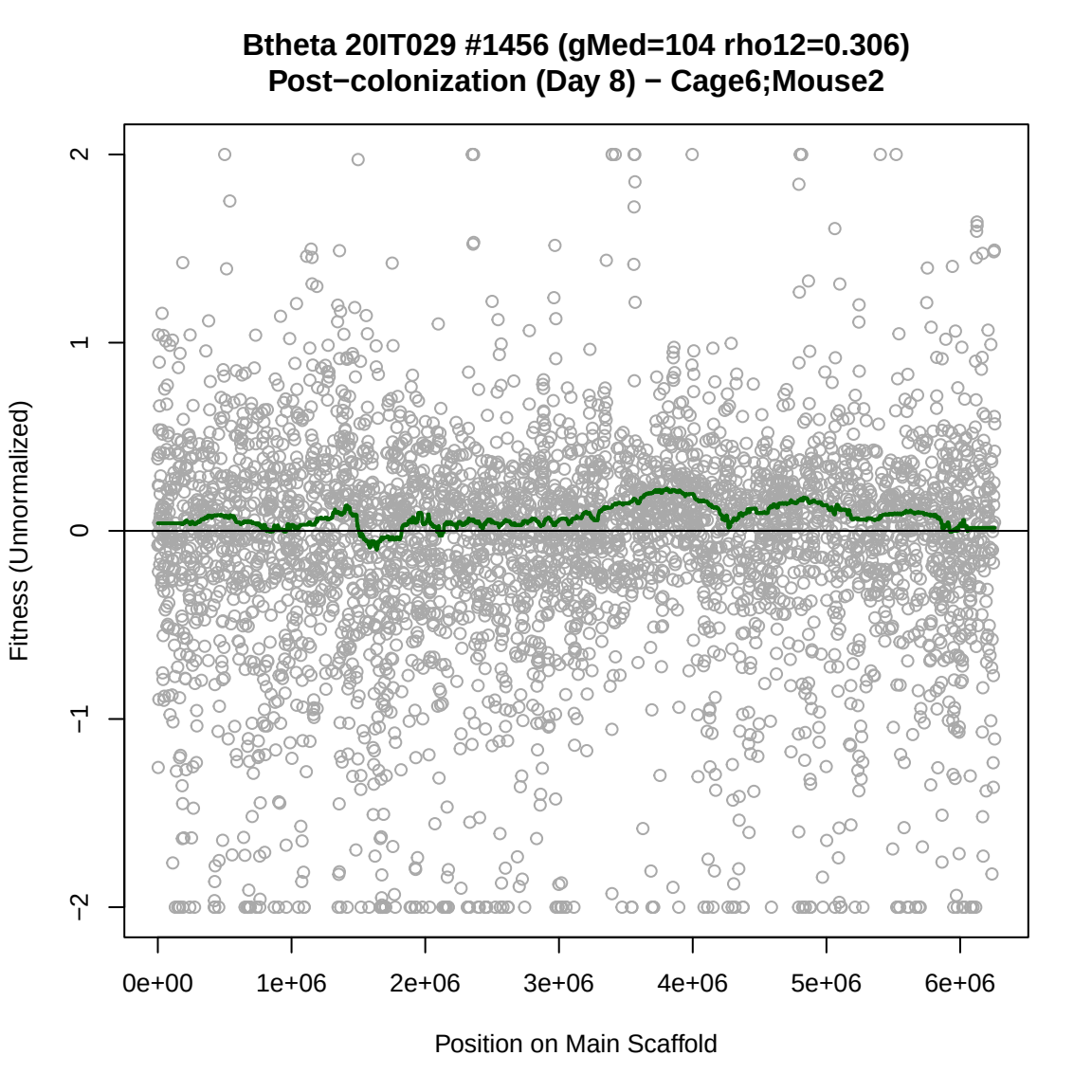

Btheta 20IT024 #1451 (gMed=75 rho12=0.299)
Post−colonization (Day 8) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

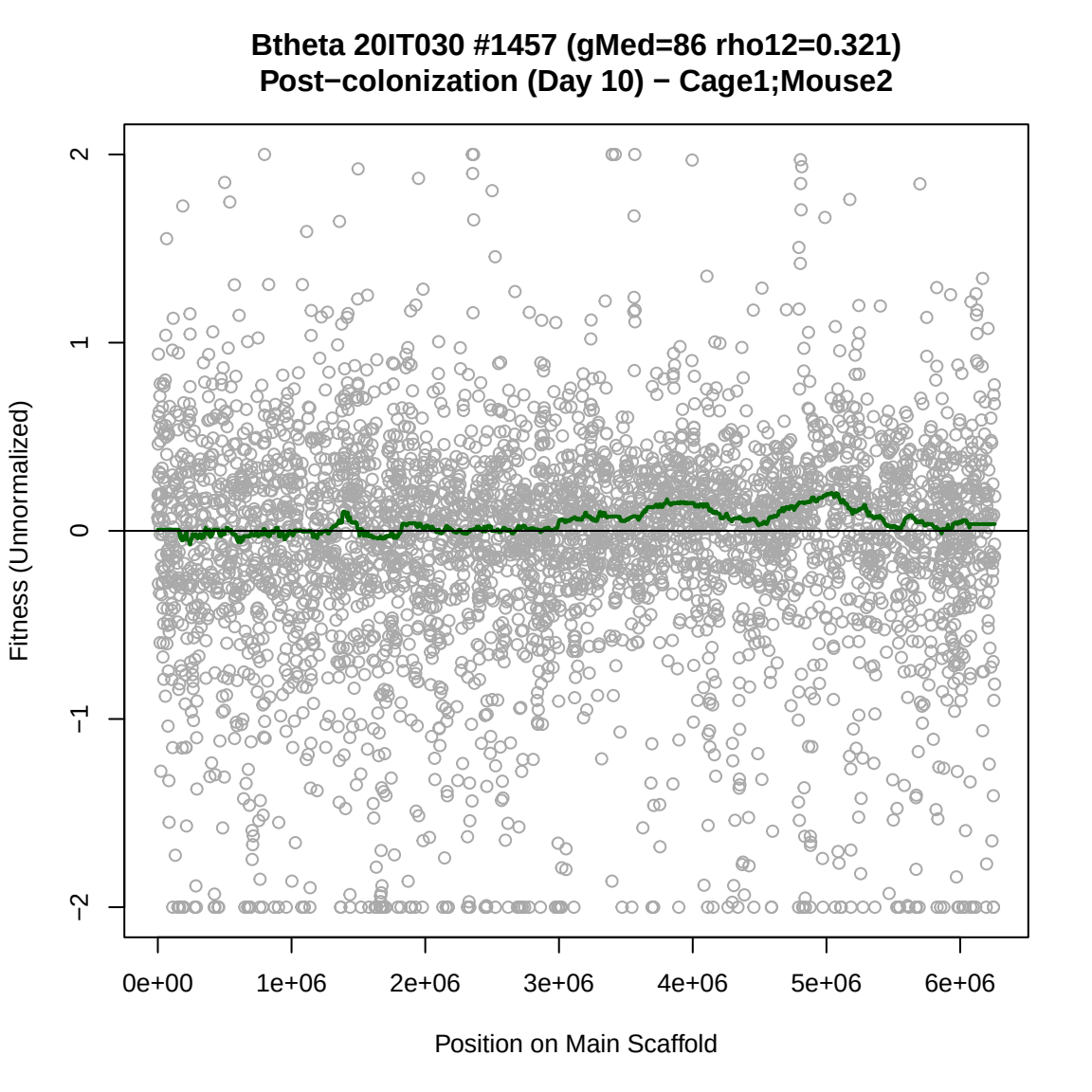

Btheta 20IT025 #1452 (gMed=0 rho12=0.152)
Post−colonization (Day 8) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

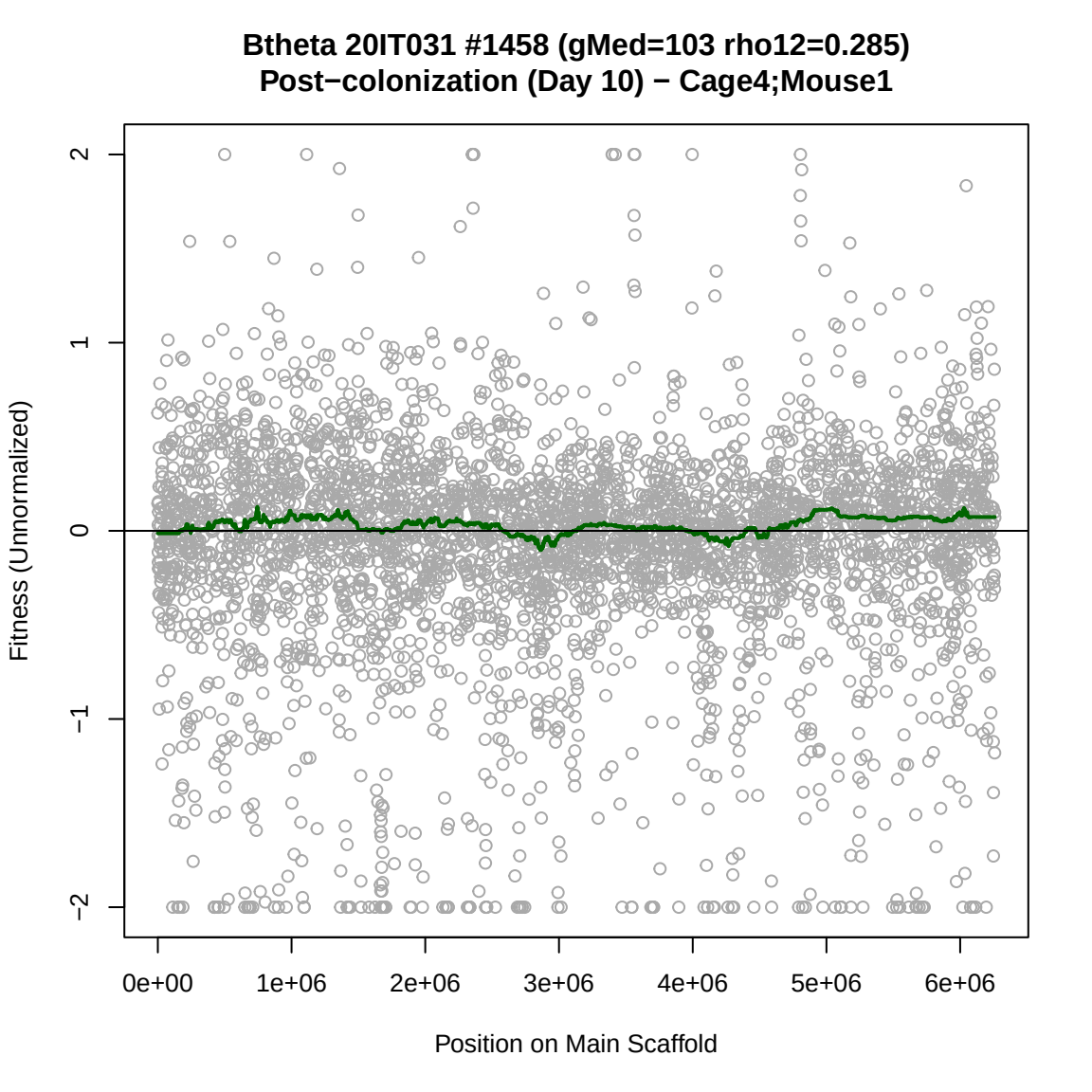

Btheta 20IT026 #1453 (gMed=88 rho12=0.272)
Post−colonization (Day 8) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

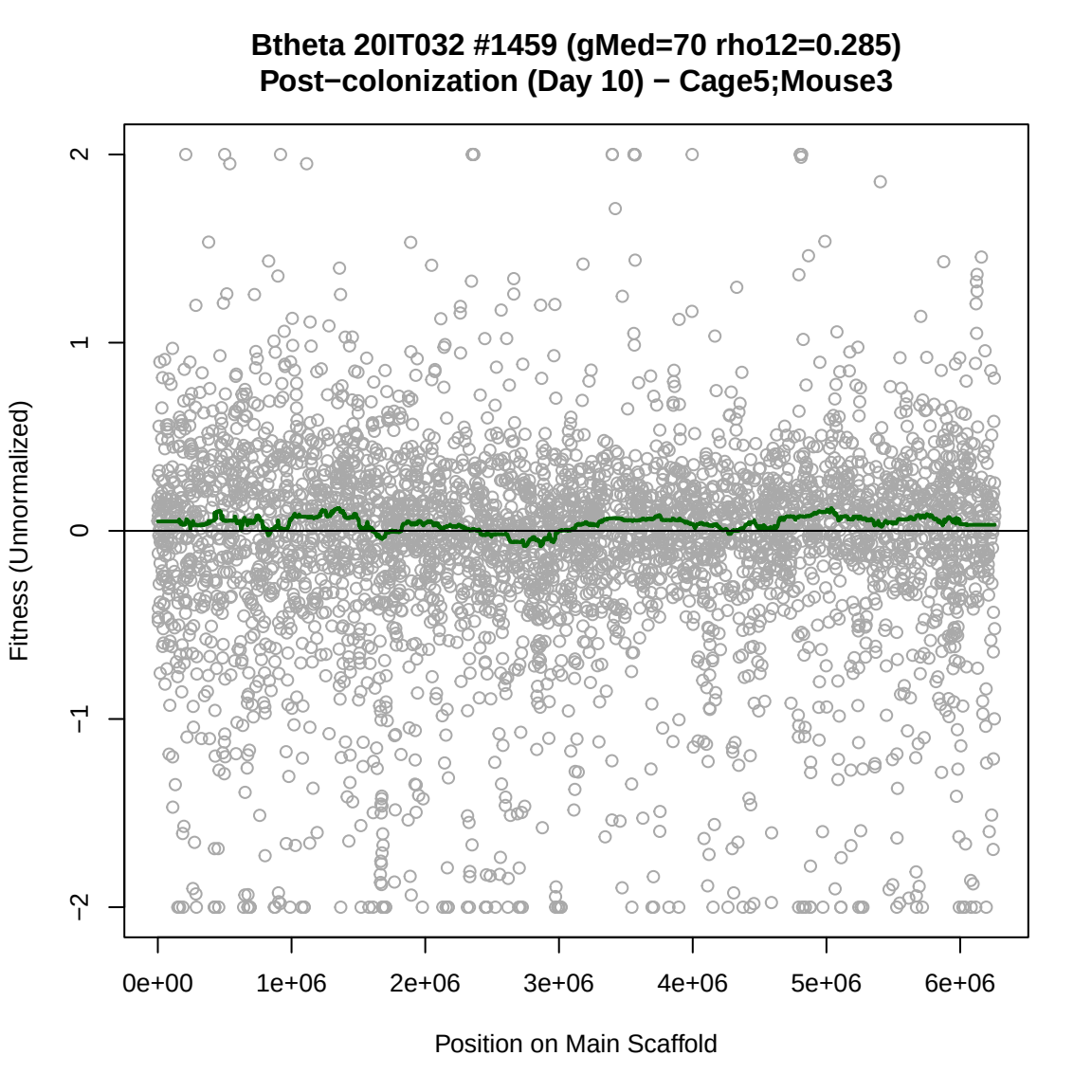

Btheta 20IT027 #1454 (gMed=128 rho12=0.302)
Post−colonization (Day 8) − Cage5;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

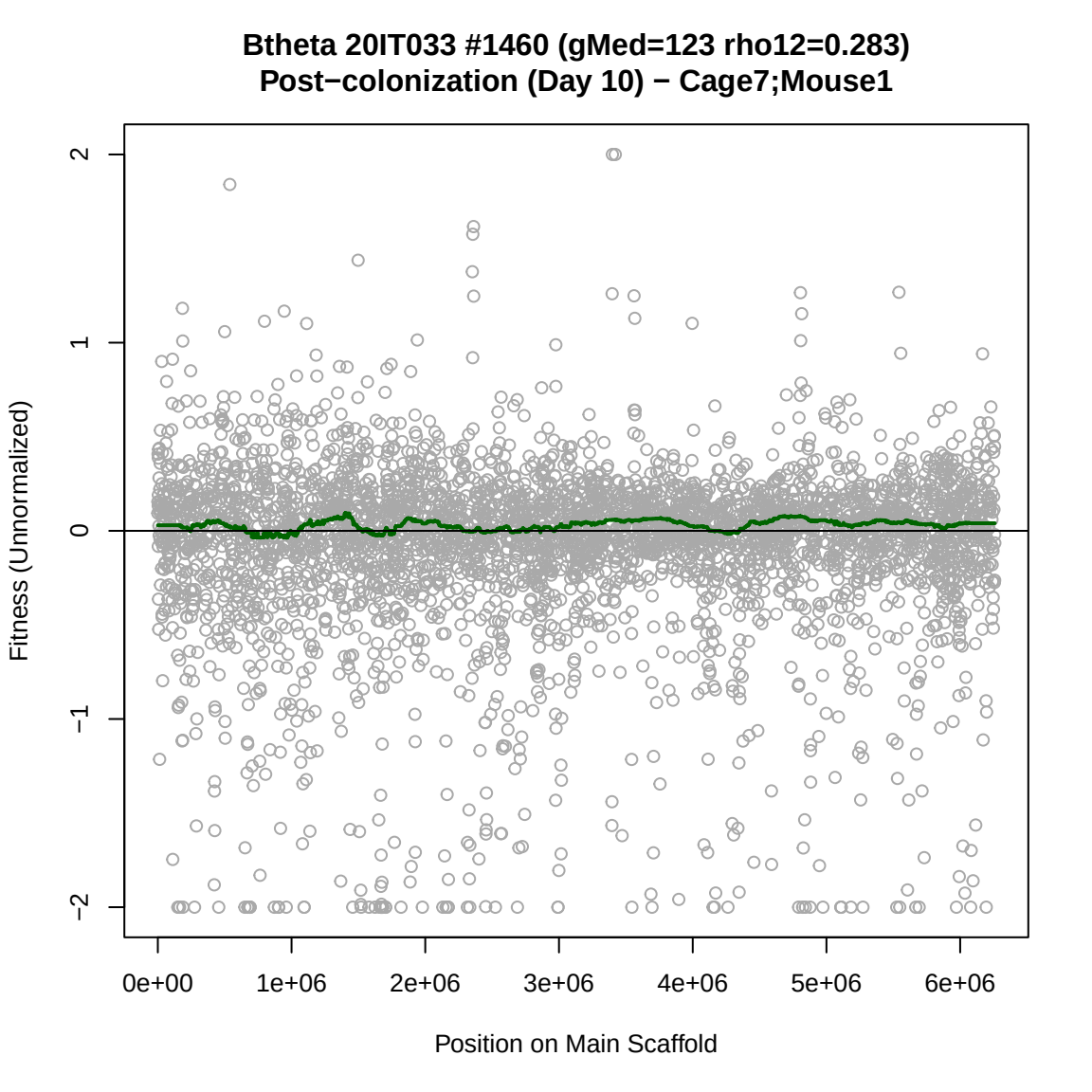

Btheta 20IT028 #1455 (gMed=149 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

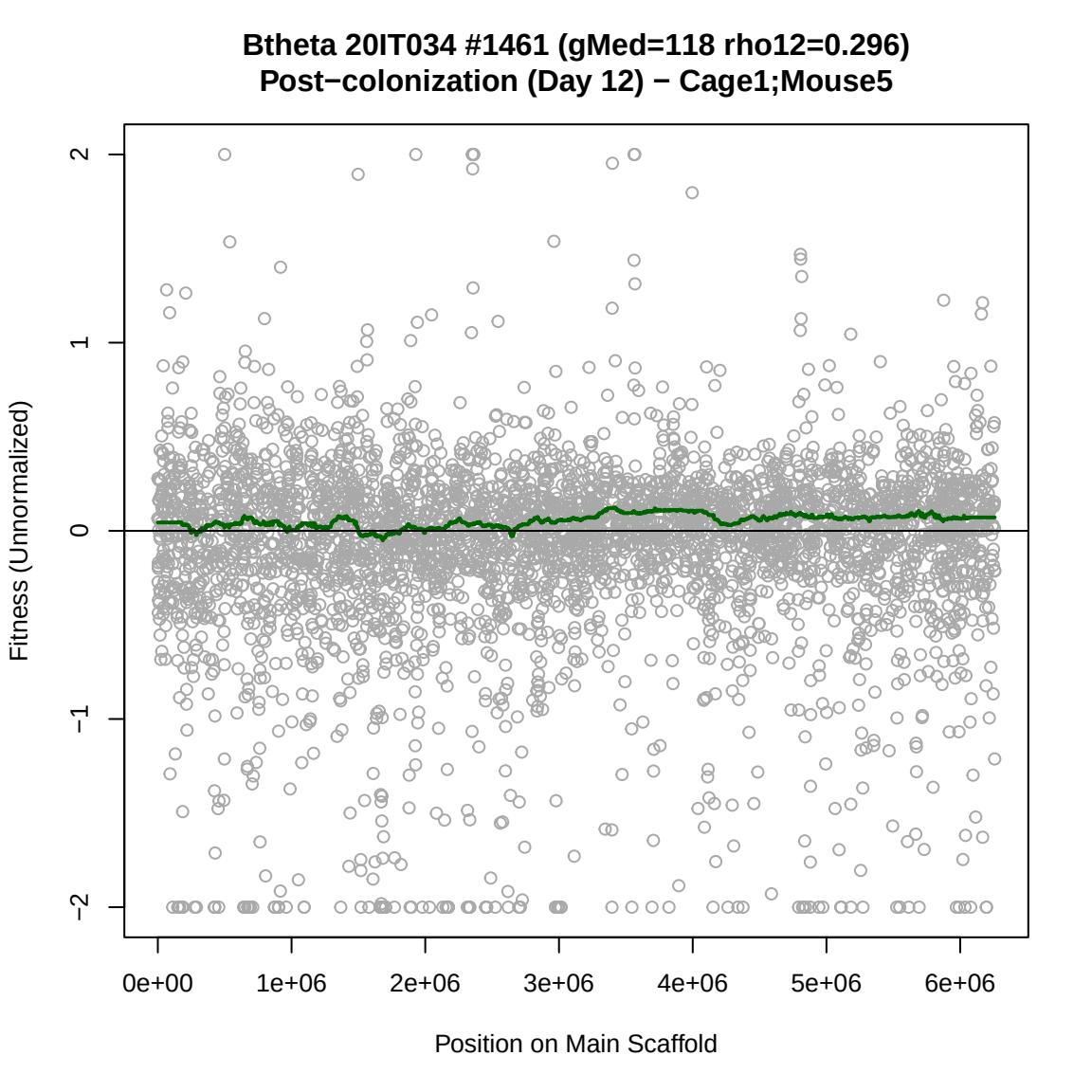

Btheta 20IT029 #1456 (gMed=104 rho12=0.306)
Post−colonization (Day 8) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

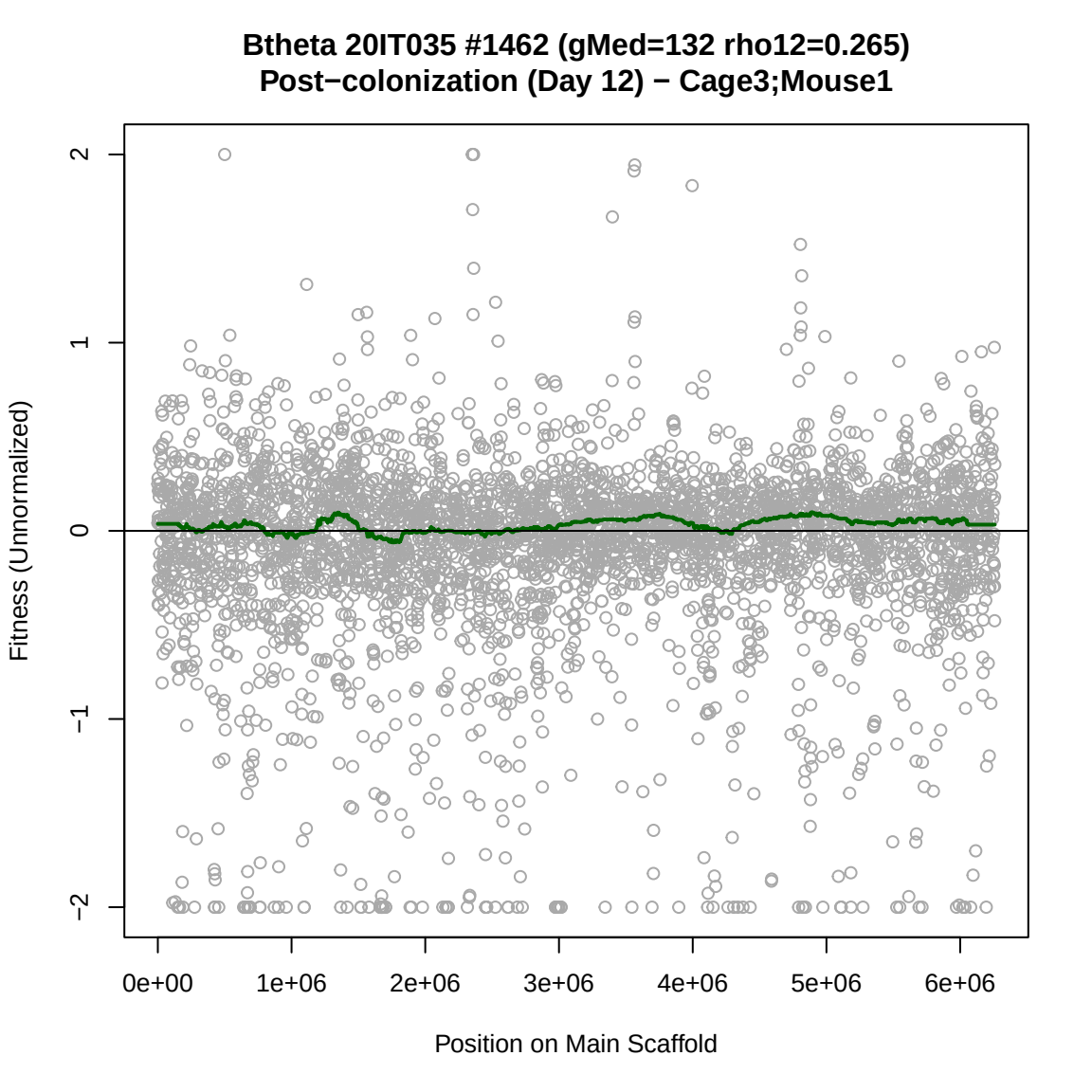

Btheta 20IT030 #1457 (gMed=86 rho12=0.321)
Post−colonization (Day 10) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

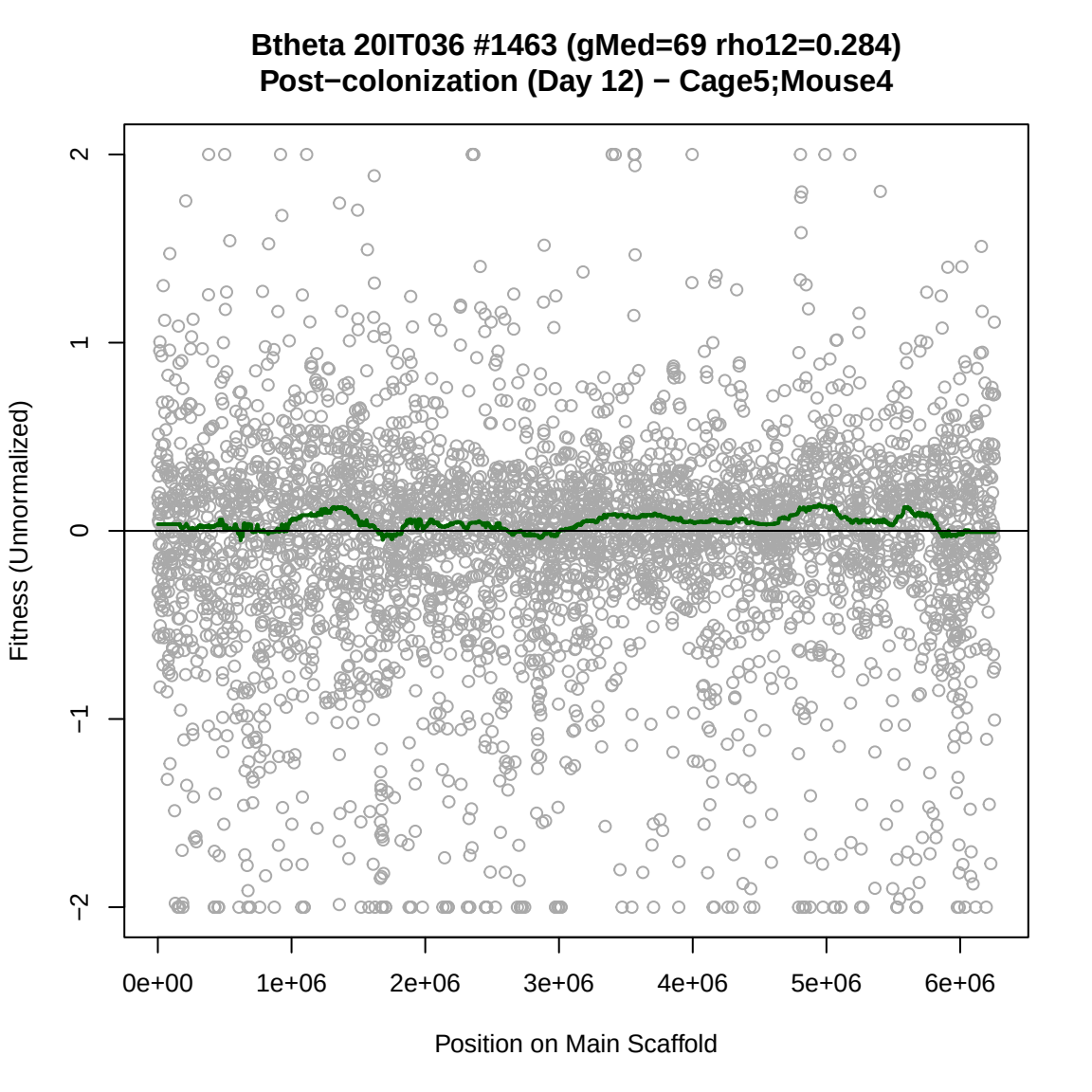

Btheta 20IT031 #1458 (gMed=103 rho12=0.285)
Post−colonization (Day 10) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

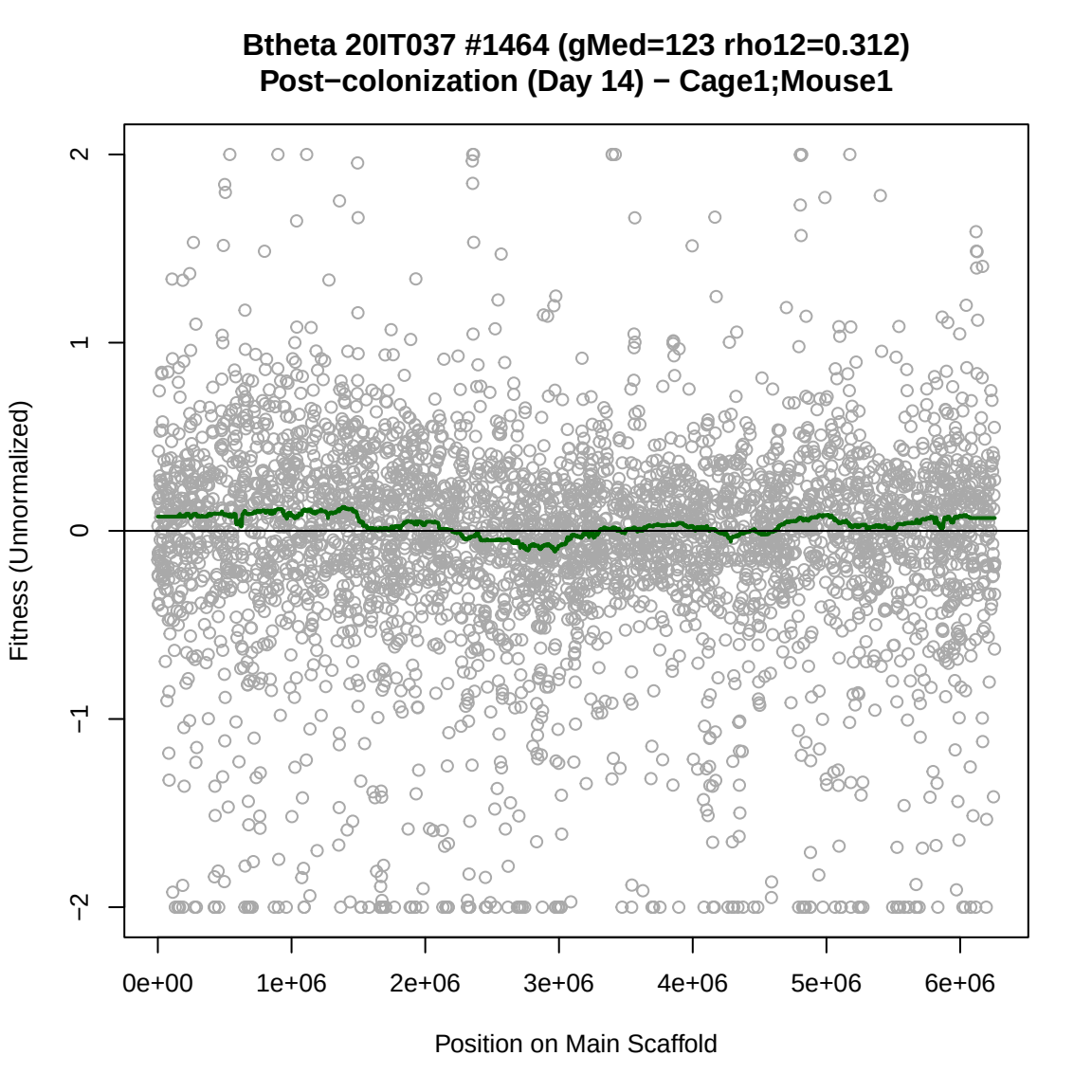

Btheta 20IT032 #1459 (gMed=70 rho12=0.285)
Post−colonization (Day 10) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

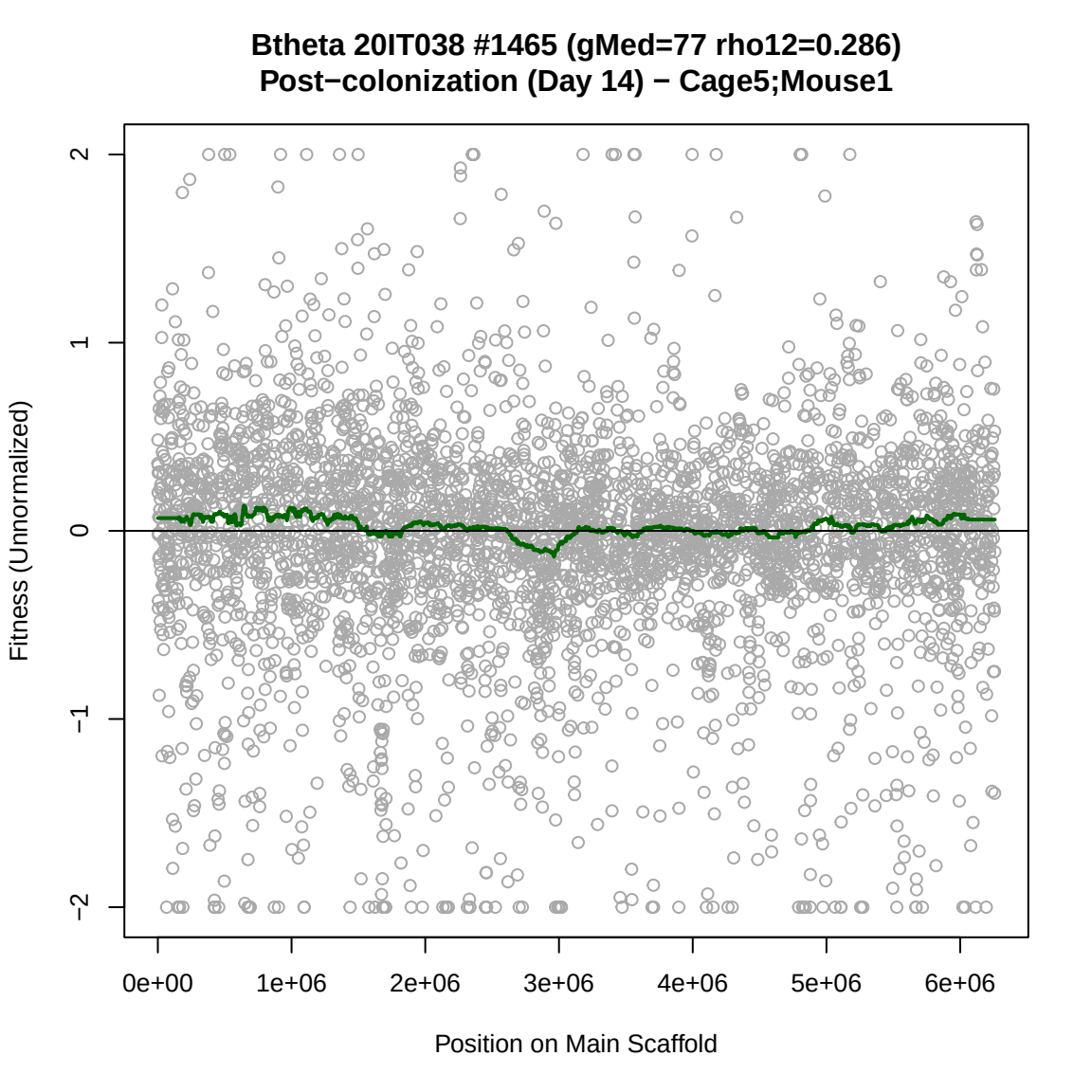

Btheta 20IT033 #1460 (gMed=123 rho12=0.283)
Post−colonization (Day 10) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

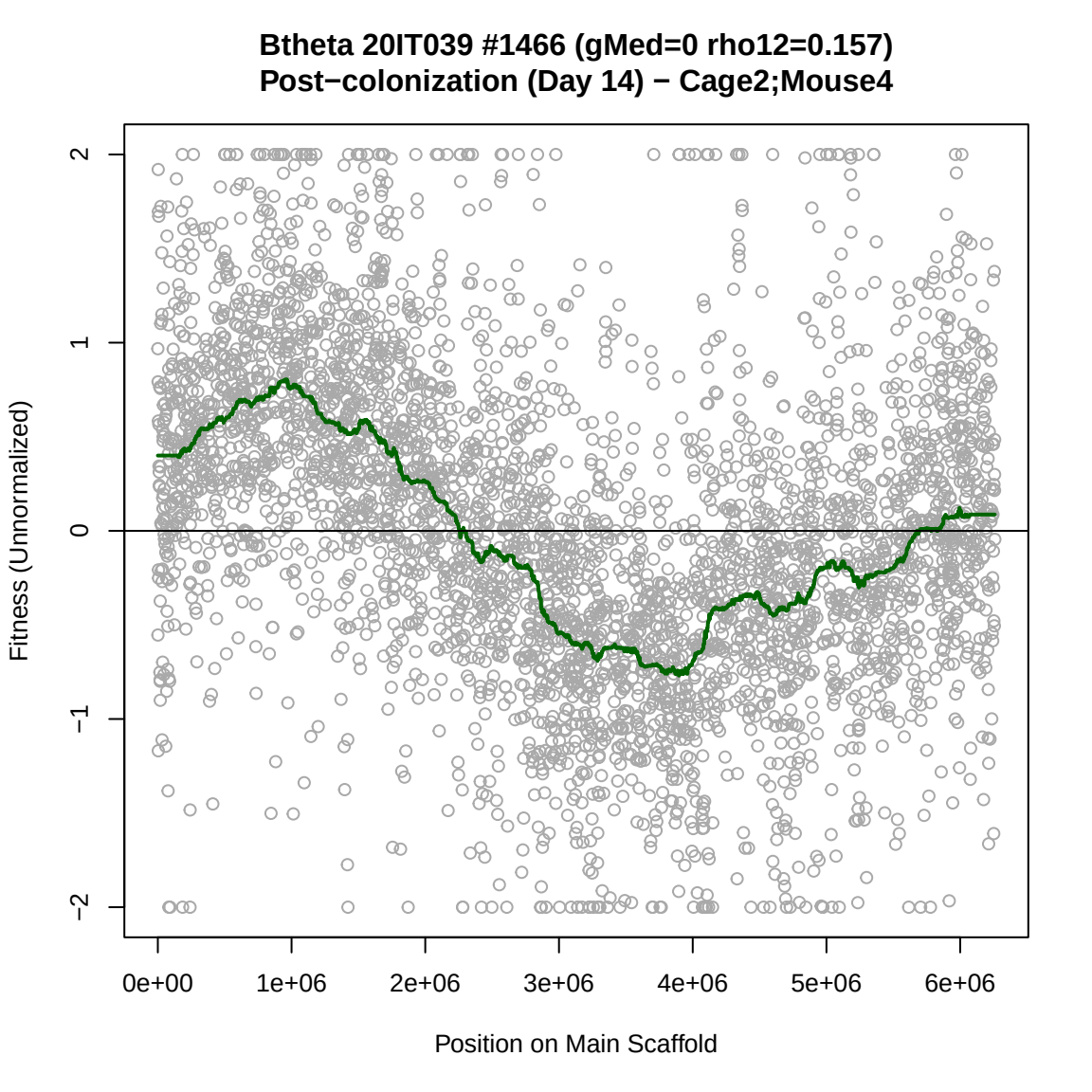

Btheta 20IT034 #1461 (gMed=118 rho12=0.296)
Post−colonization (Day 12) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

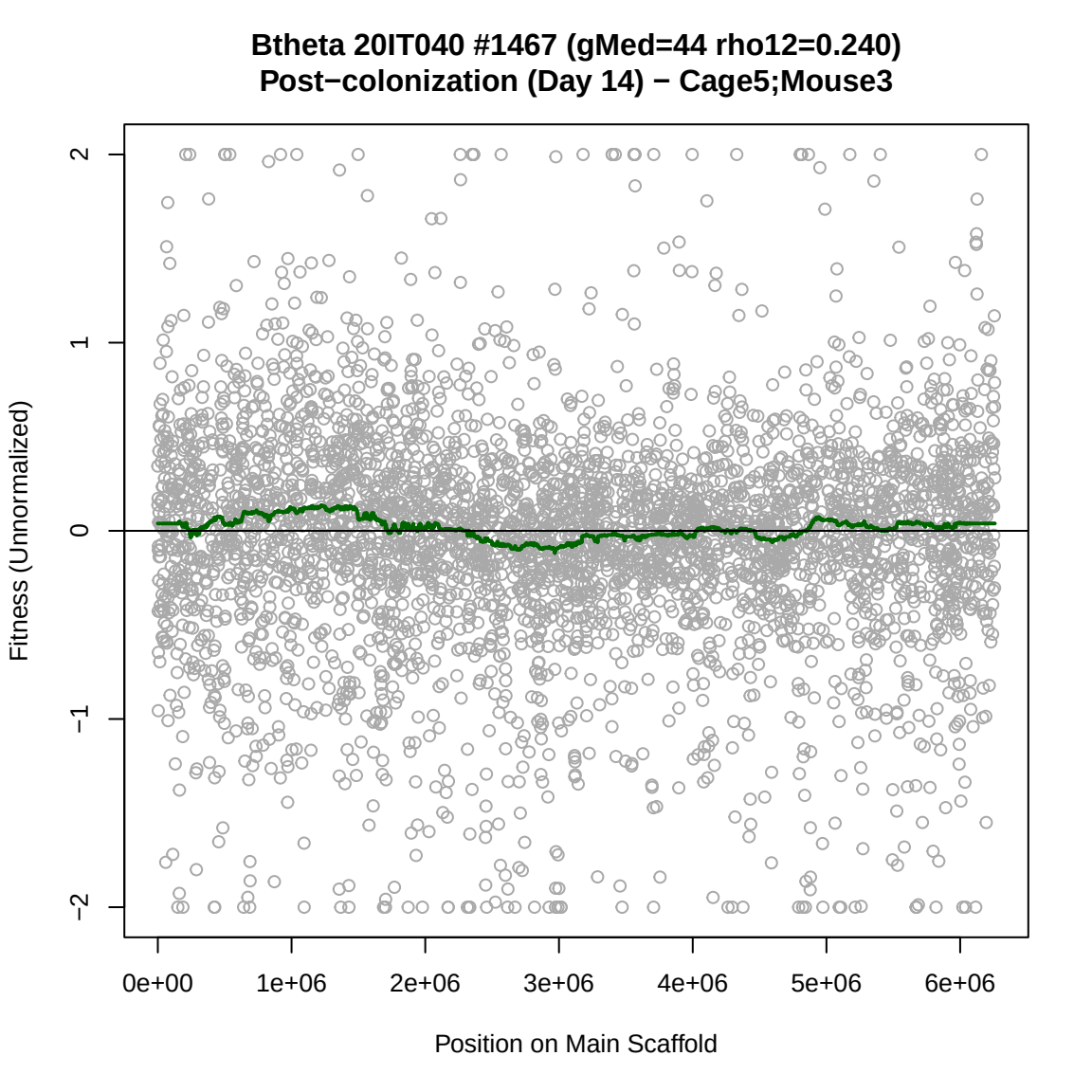

Btheta 20IT035 #1462 (gMed=132 rho12=0.265)
Post−colonization (Day 12) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

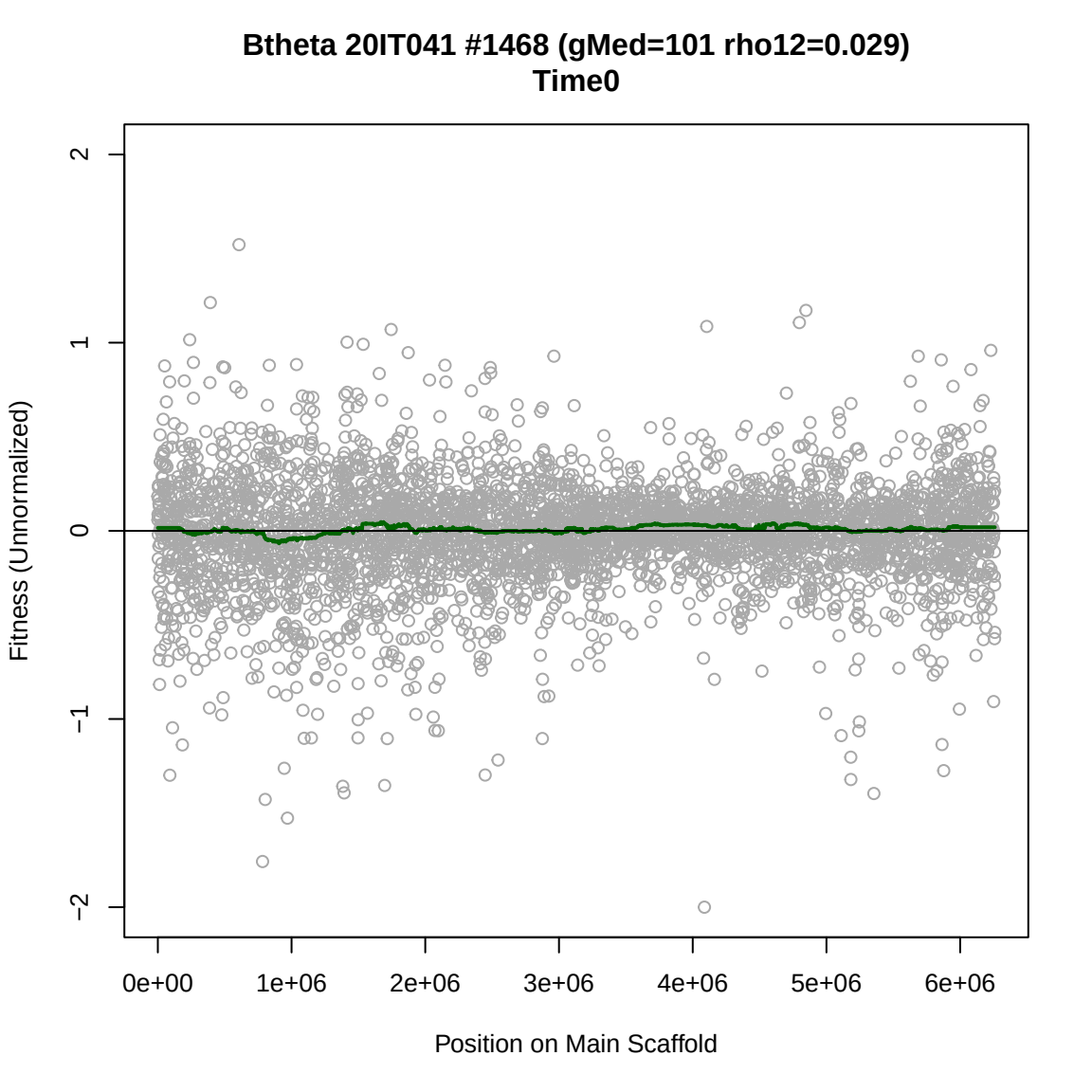

Btheta 20IT036 #1463 (gMed=69 rho12=0.284)
Post−colonization (Day 12) − Cage5;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

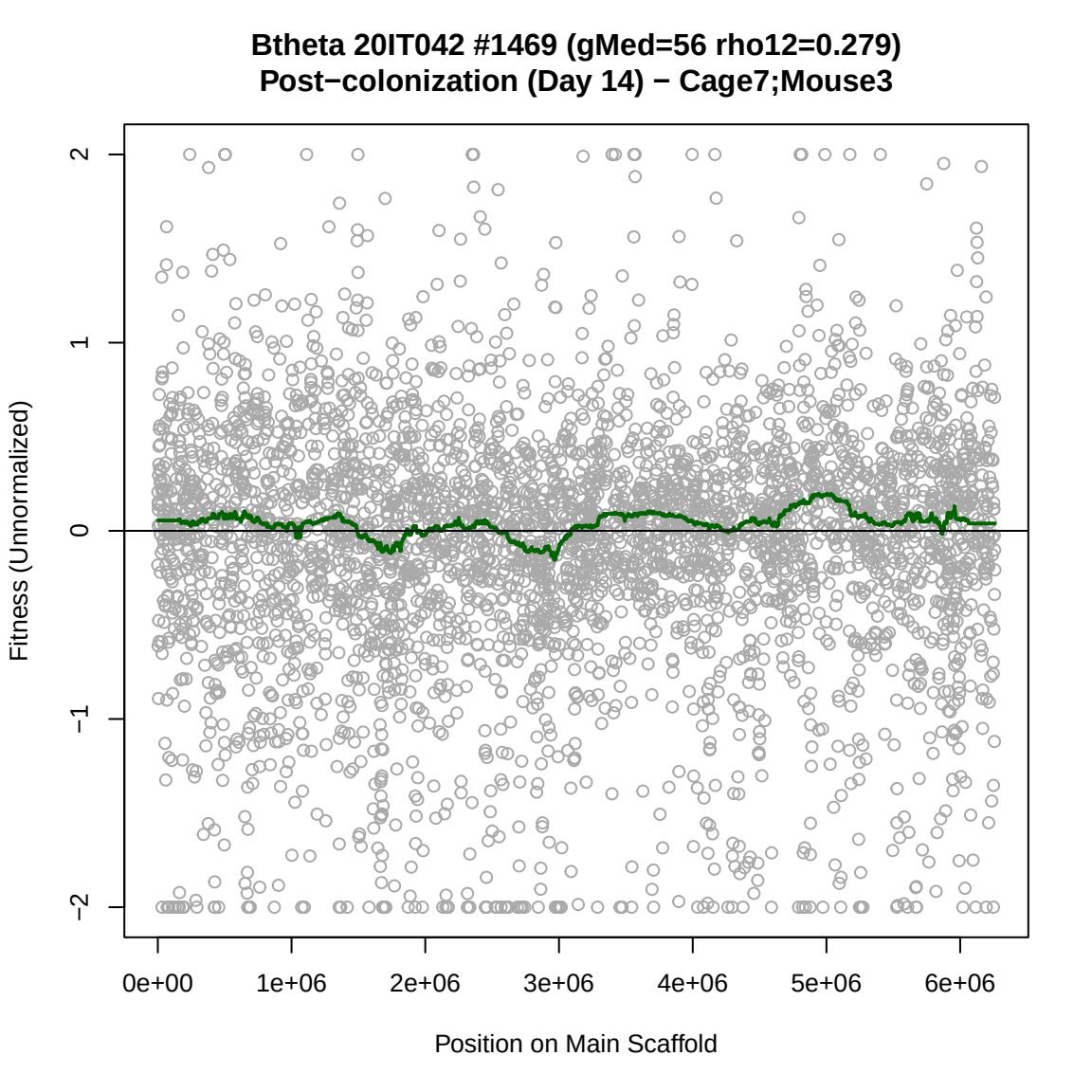

Btheta 20IT037 #1464 (gMed=123 rho12=0.312)
Post−colonization (Day 14) − Cage1;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

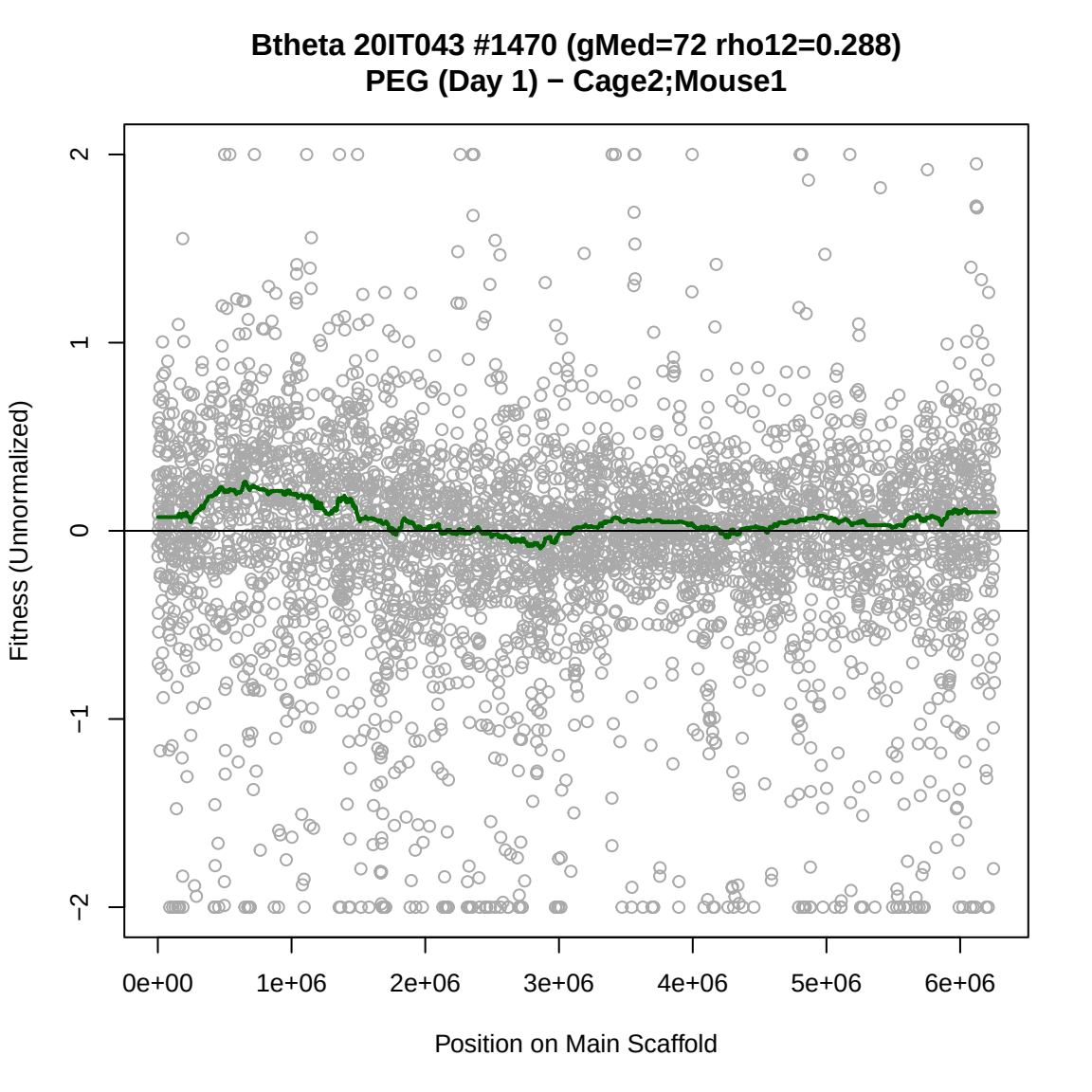

Btheta 20IT038 #1465 (gMed=77 rho12=0.286)
Post−colonization (Day 14) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

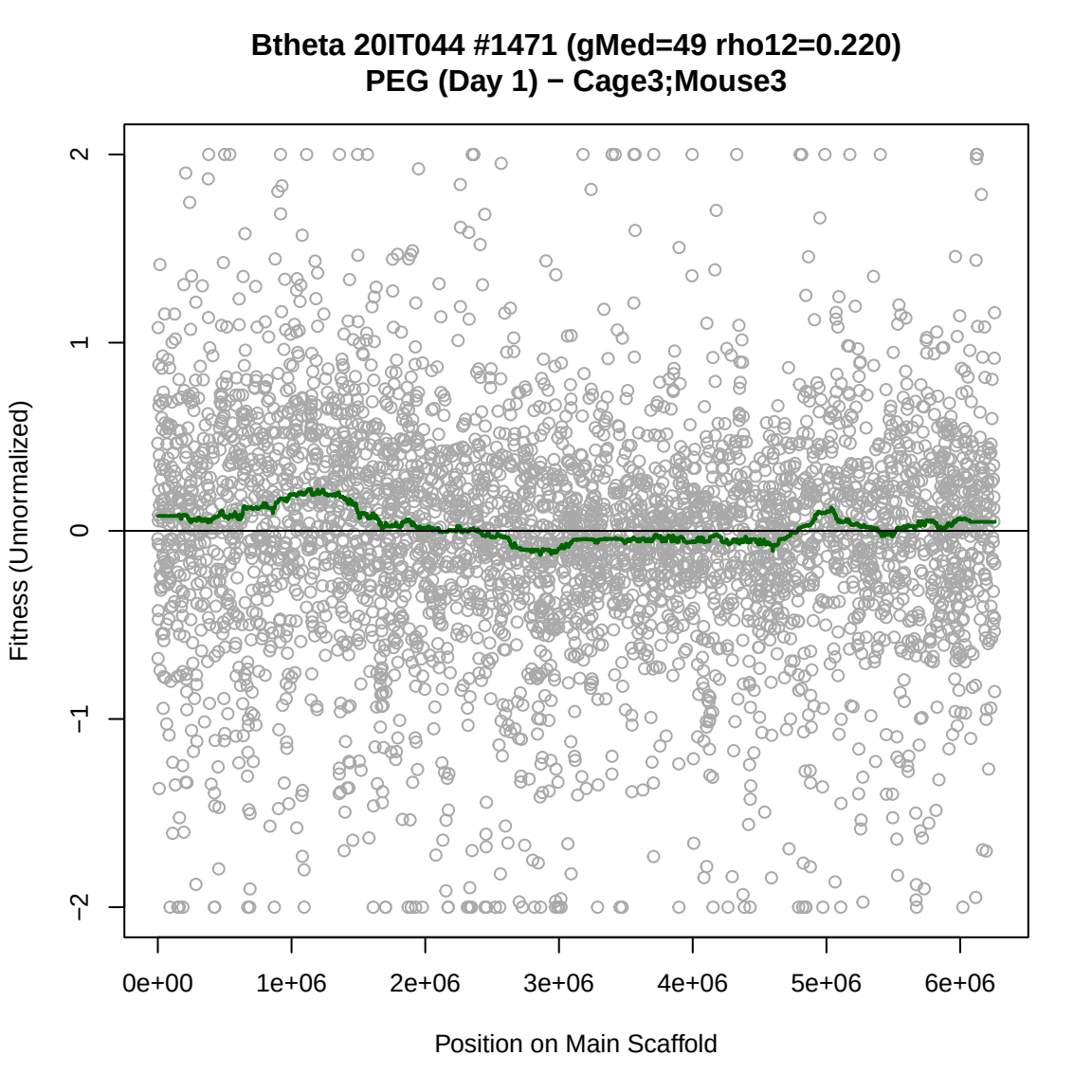

Btheta 20IT039 #1466 (gMed=0 rho12=0.157)
Post−colonization (Day 14) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

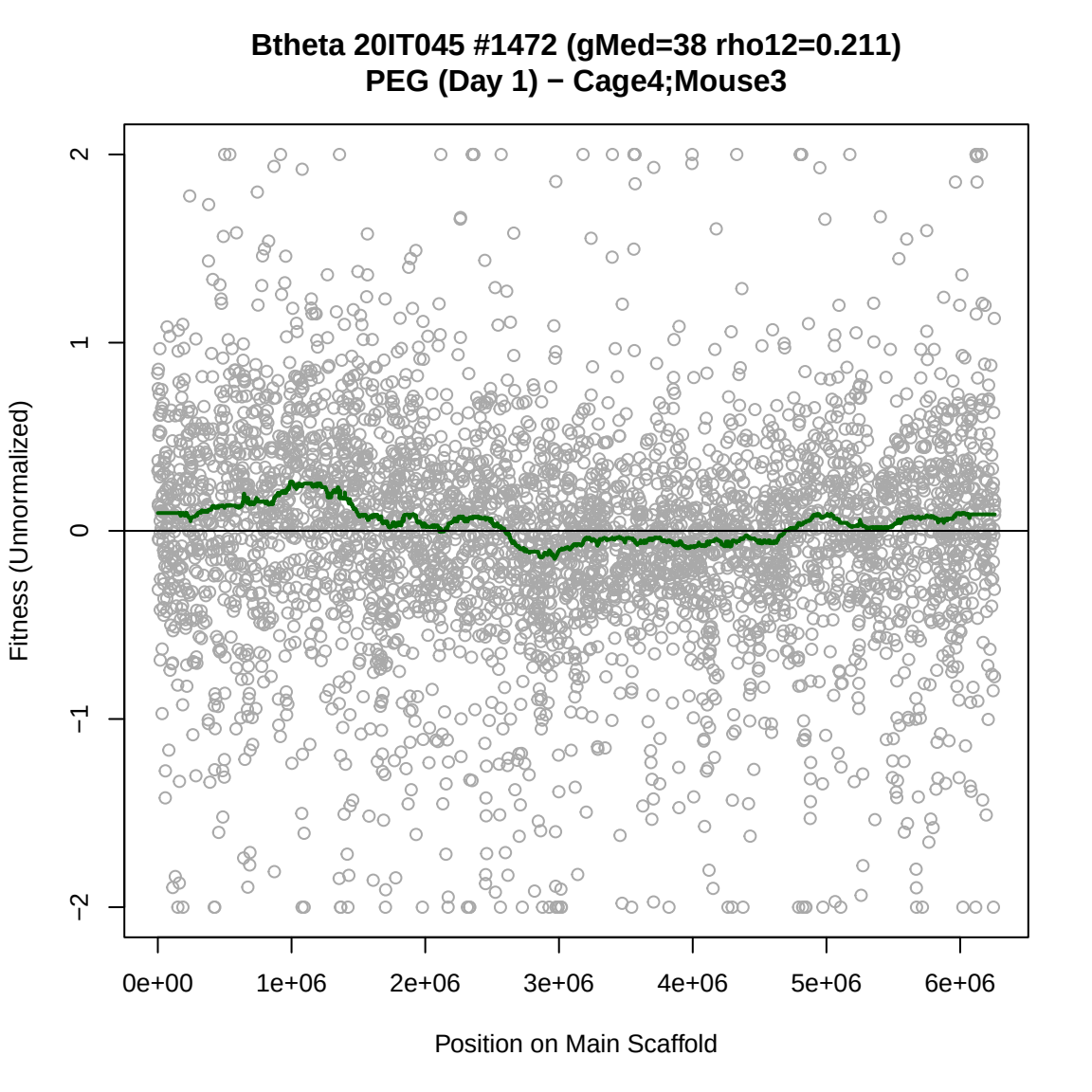

Btheta 20IT040 #1467 (gMed=44 rho12=0.240)
Post−colonization (Day 14) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

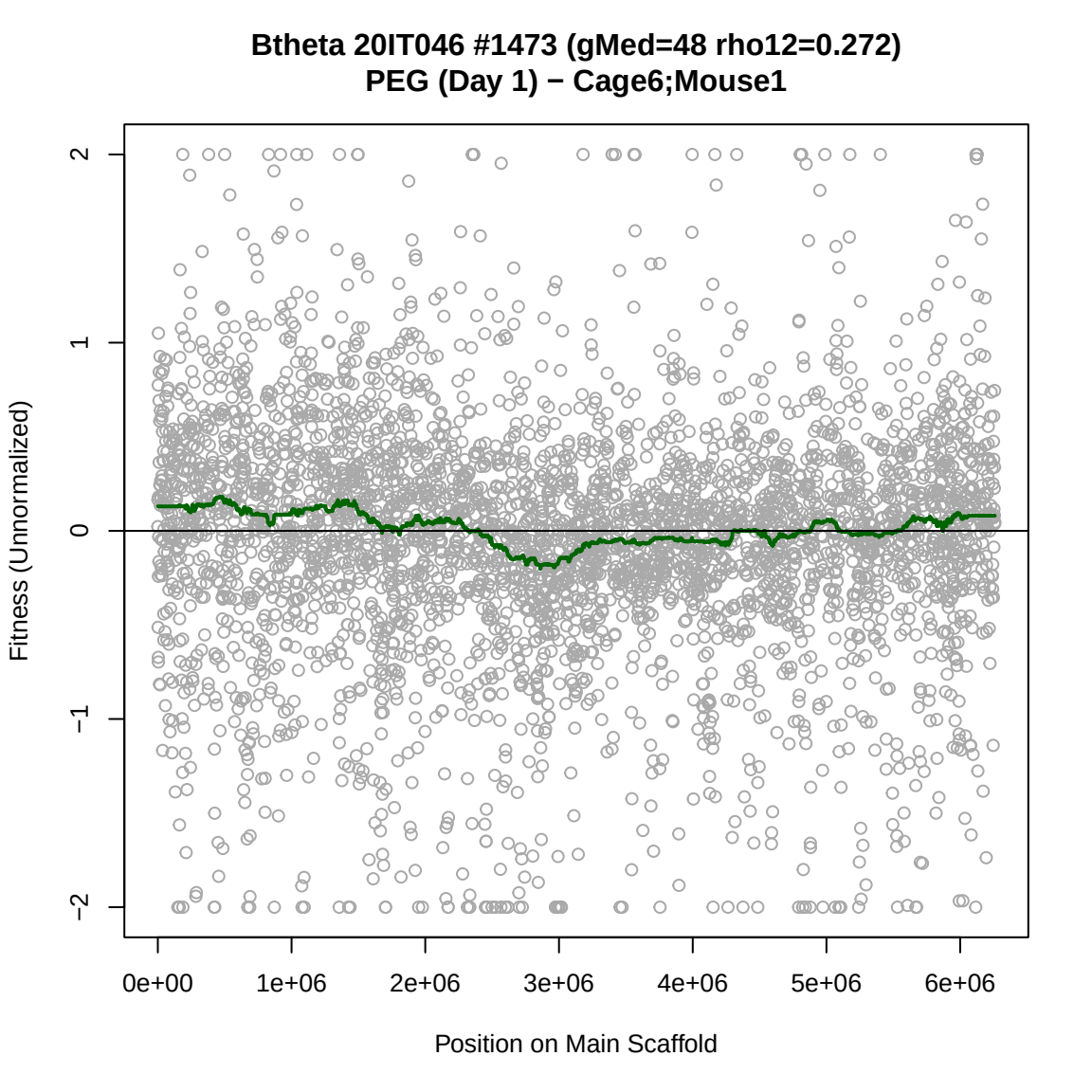

Btheta 20IT041 #1468 (gMed=101 rho12=0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

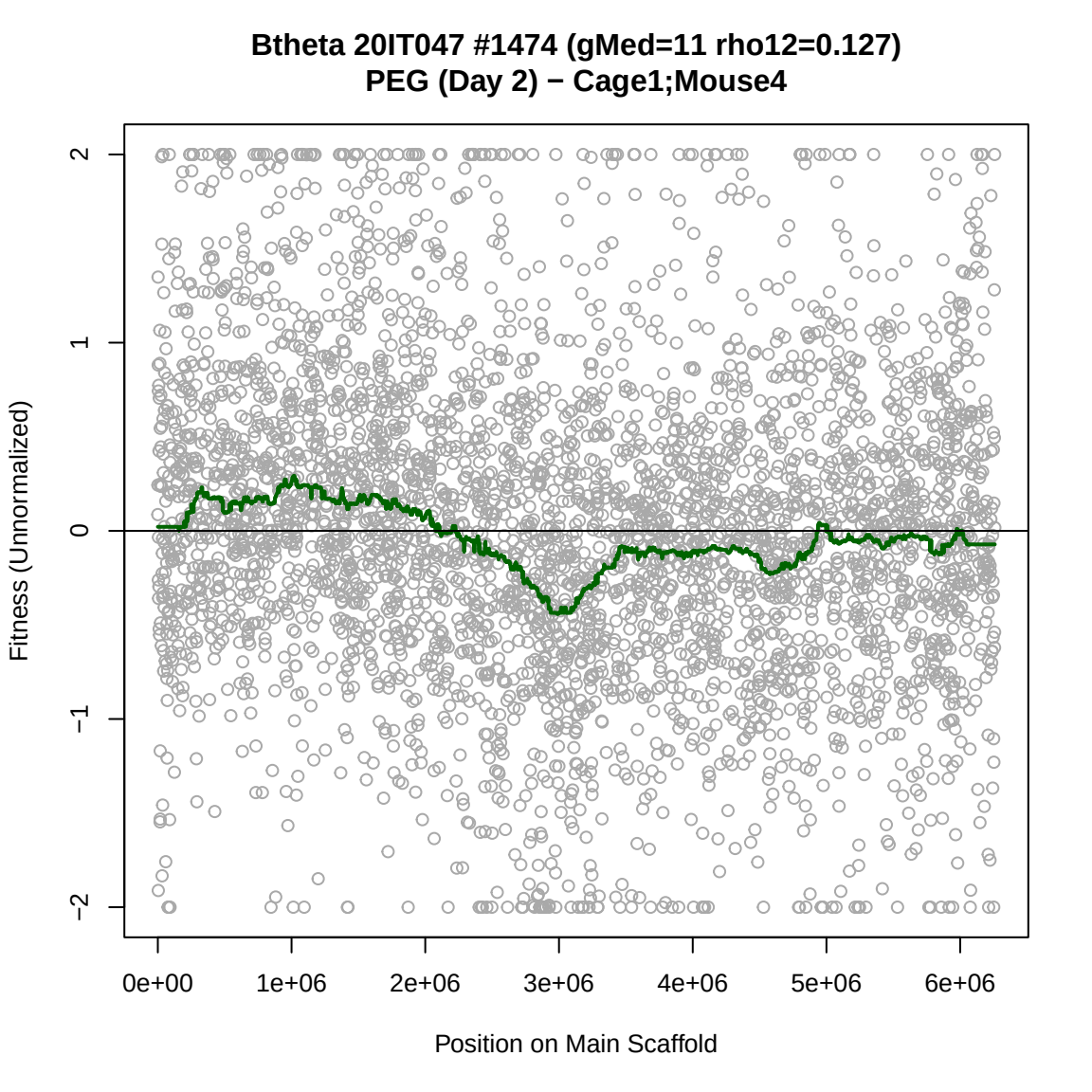

Btheta 20IT042 #1469 (gMed=56 rho12=0.279)
Post−colonization (Day 14) − Cage7;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

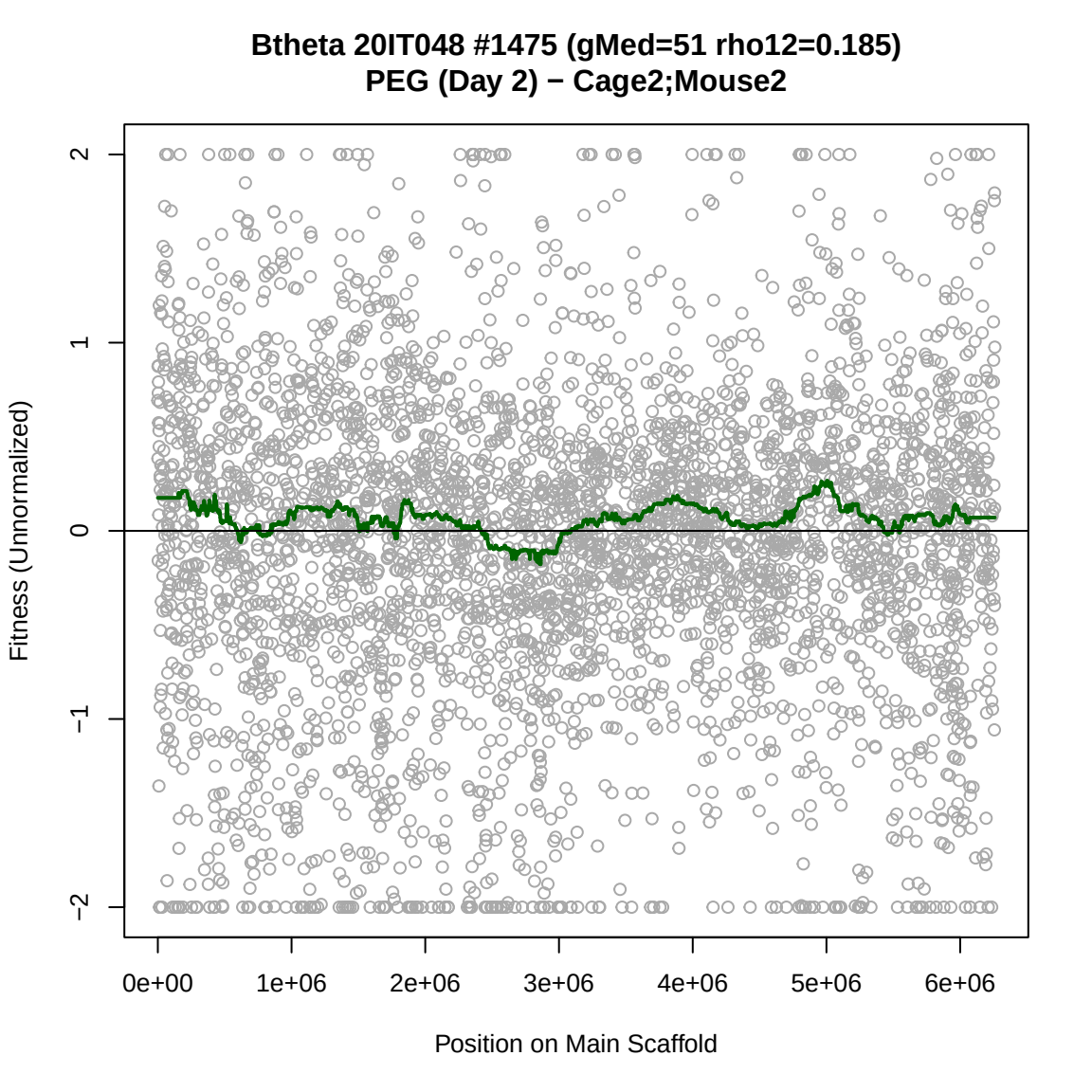

Btheta 20IT043 #1470 (gMed=72 rho12=0.288)
PEG (Day 1) − Cage2;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

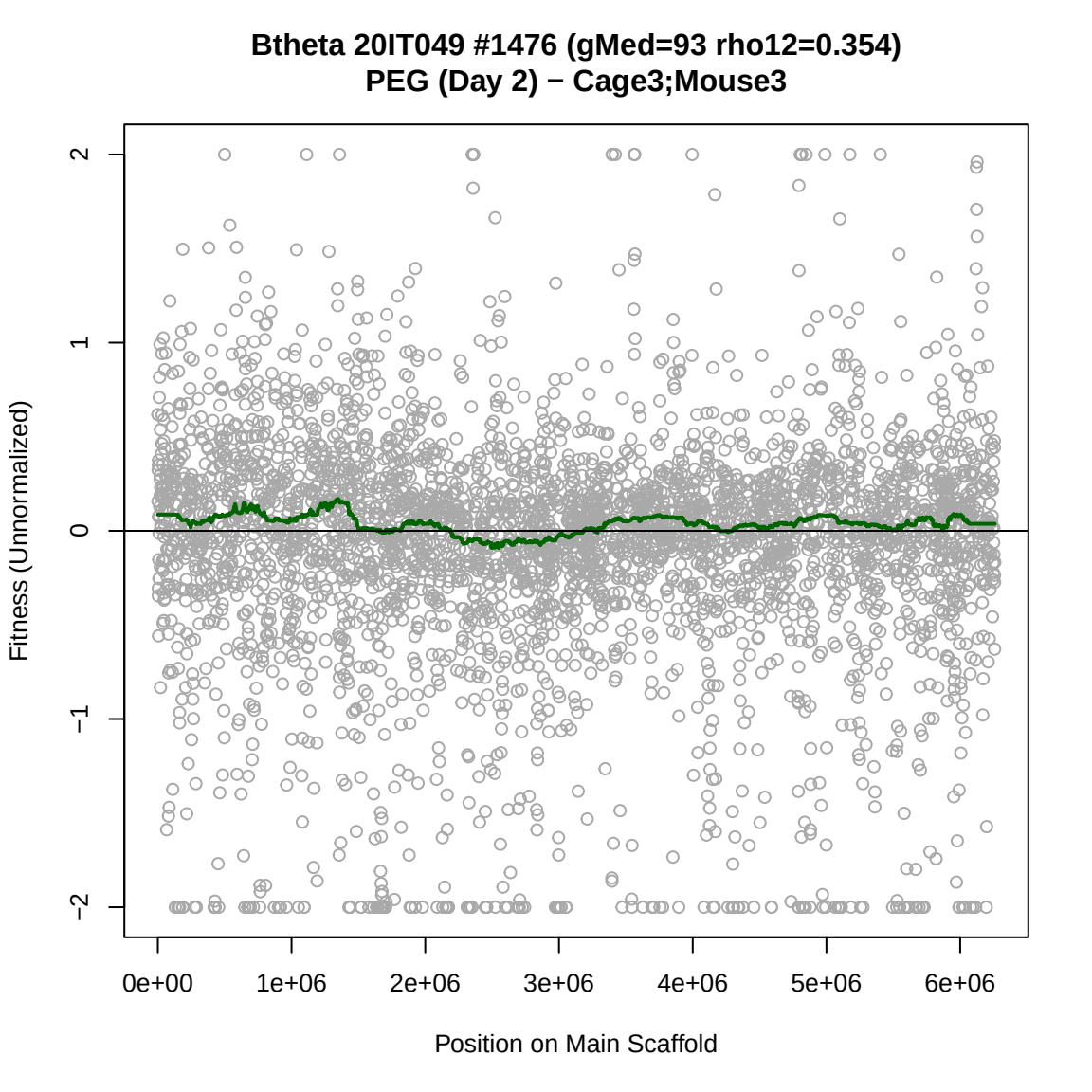

Btheta 20IT044 #1471 (gMed=49 rho12=0.220)
PEG (Day 1) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

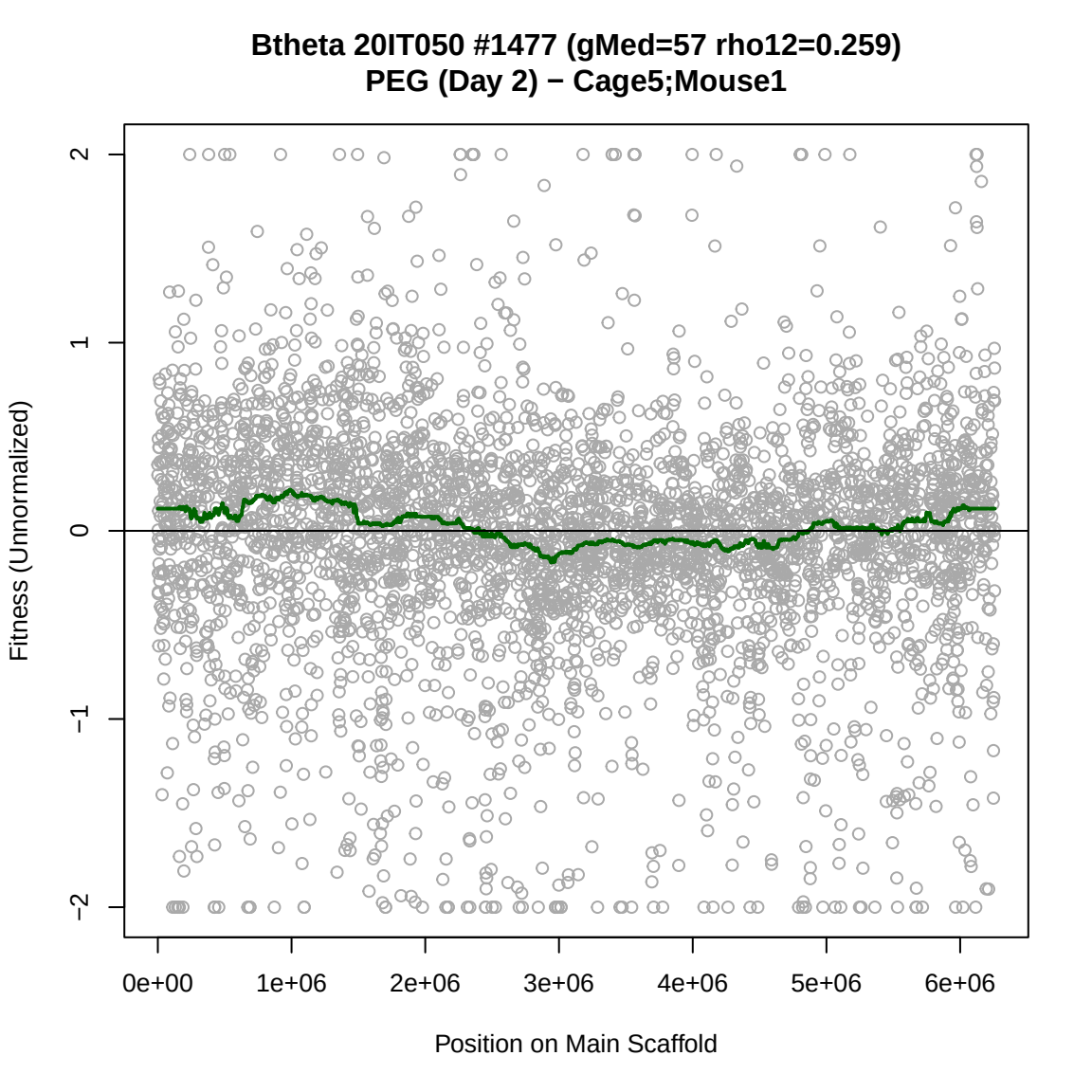

Btheta 20IT045 #1472 (gMed=38 rho12=0.211)
PEG (Day 1) − Cage4;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

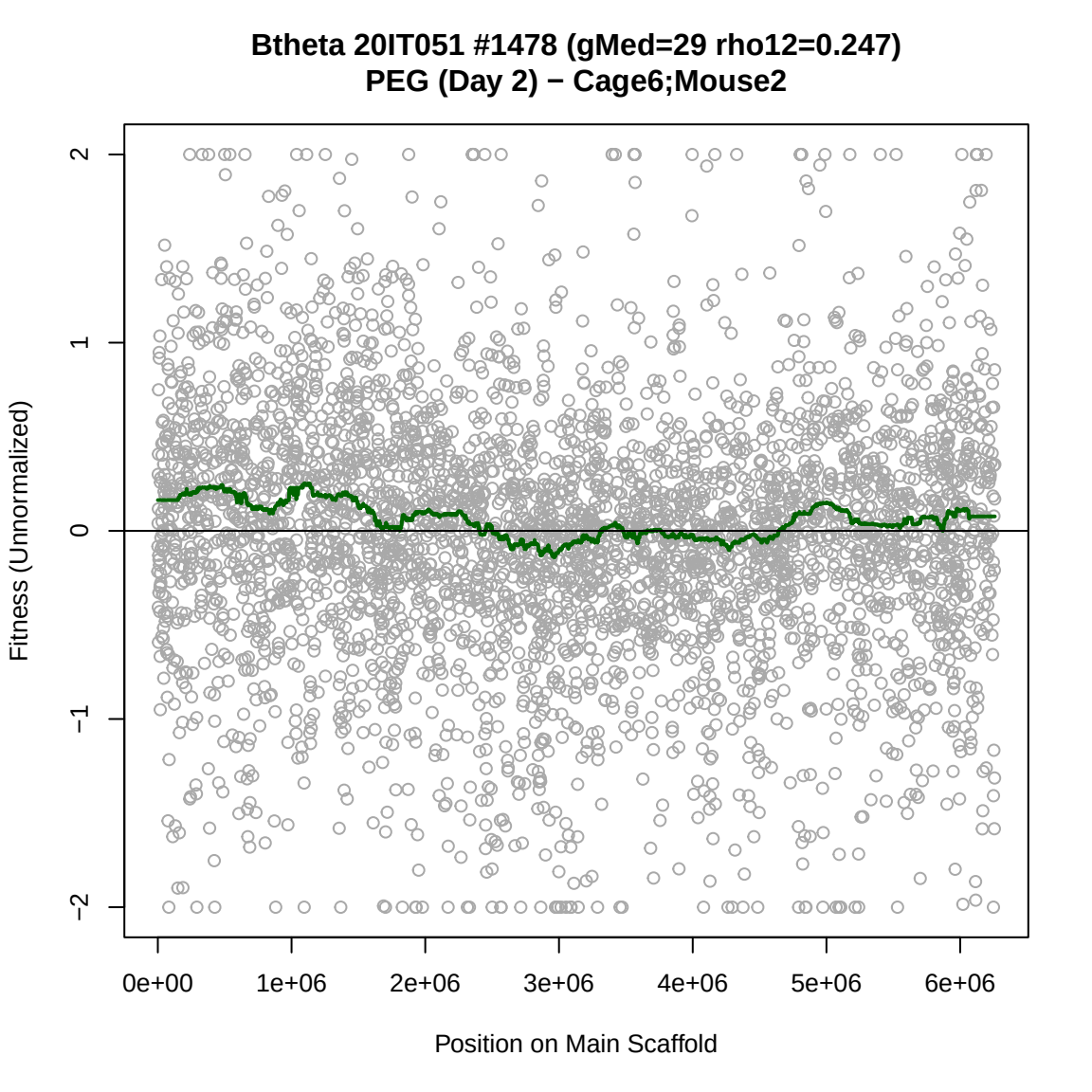

Btheta 20IT046 #1473 (gMed=48 rho12=0.272)
PEG (Day 1) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

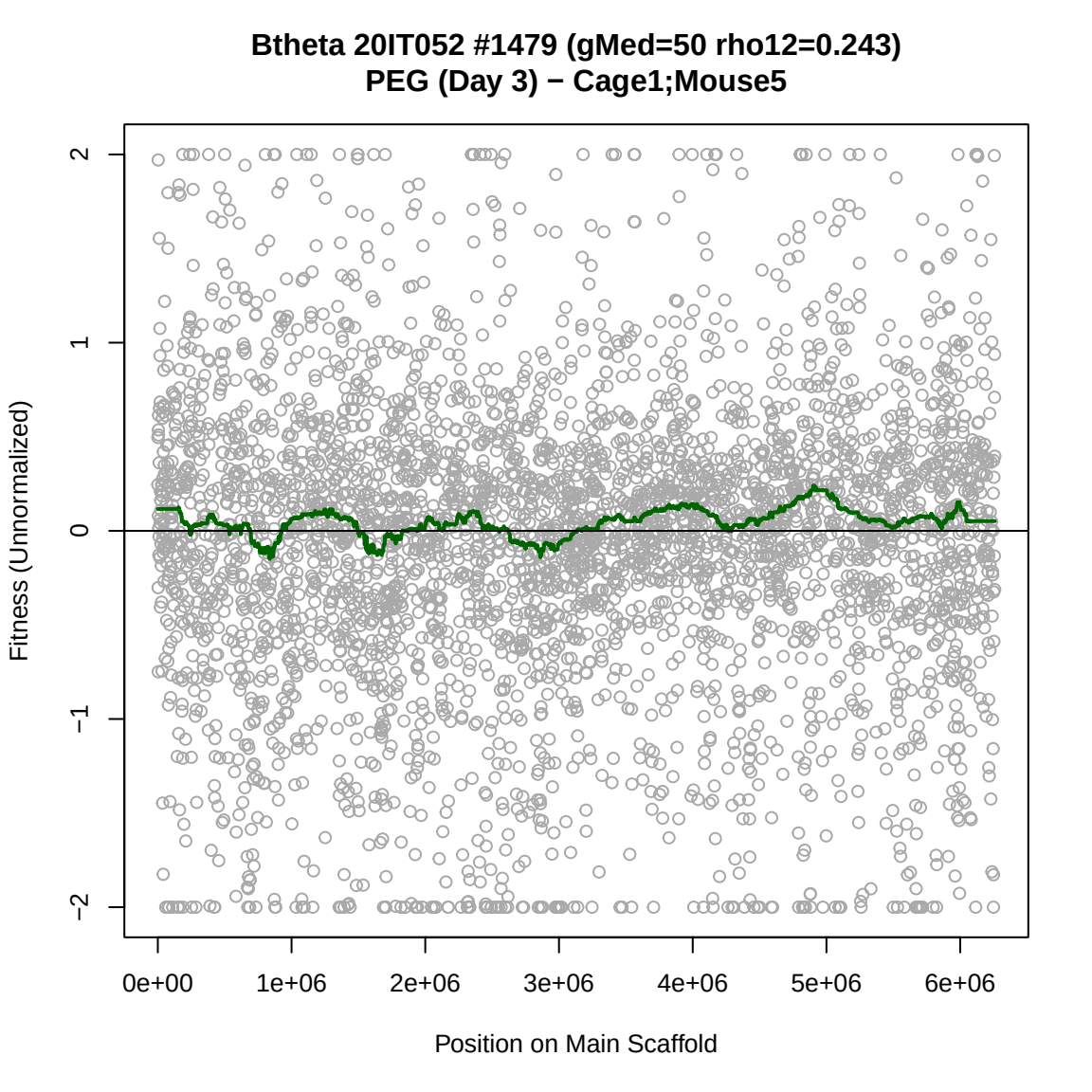

Btheta 20IT047 #1474 (gMed=11 rho12=0.127)
PEG (Day 2) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

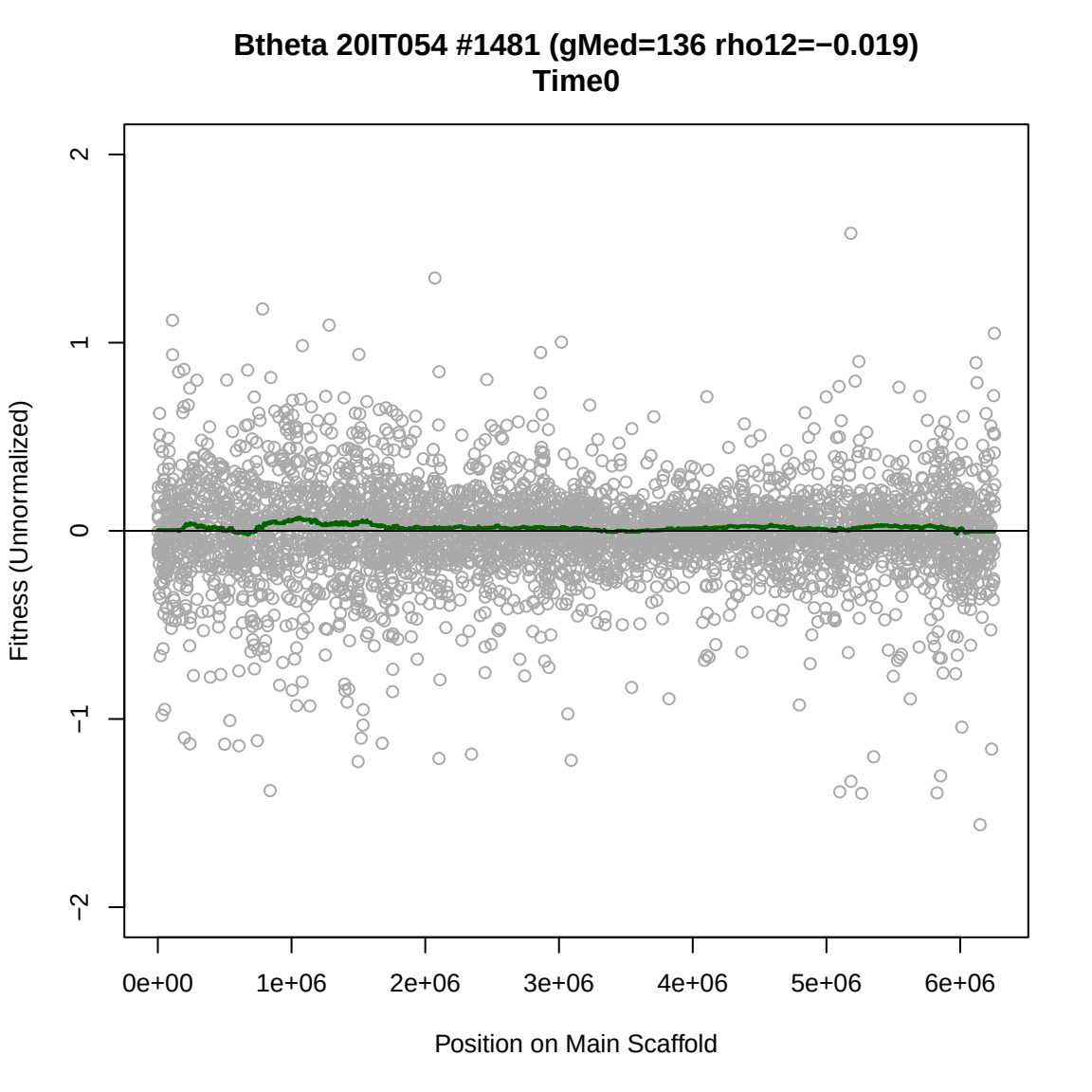

Btheta 20IT048 #1475 (gMed=51 rho12=0.185)
PEG (Day 2) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

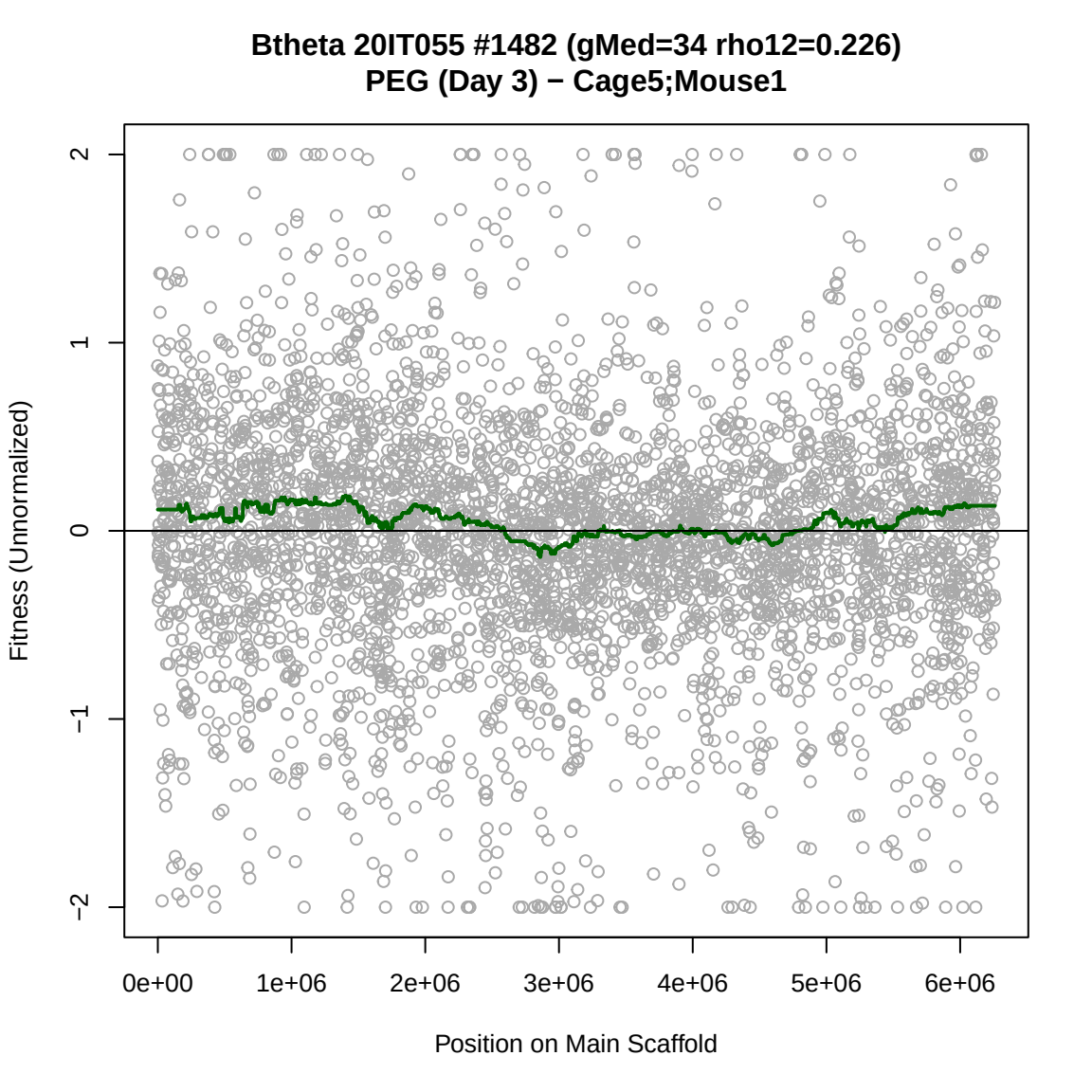

Btheta 20IT049 #1476 (gMed=93 rho12=0.354)
PEG (Day 2) − Cage3;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

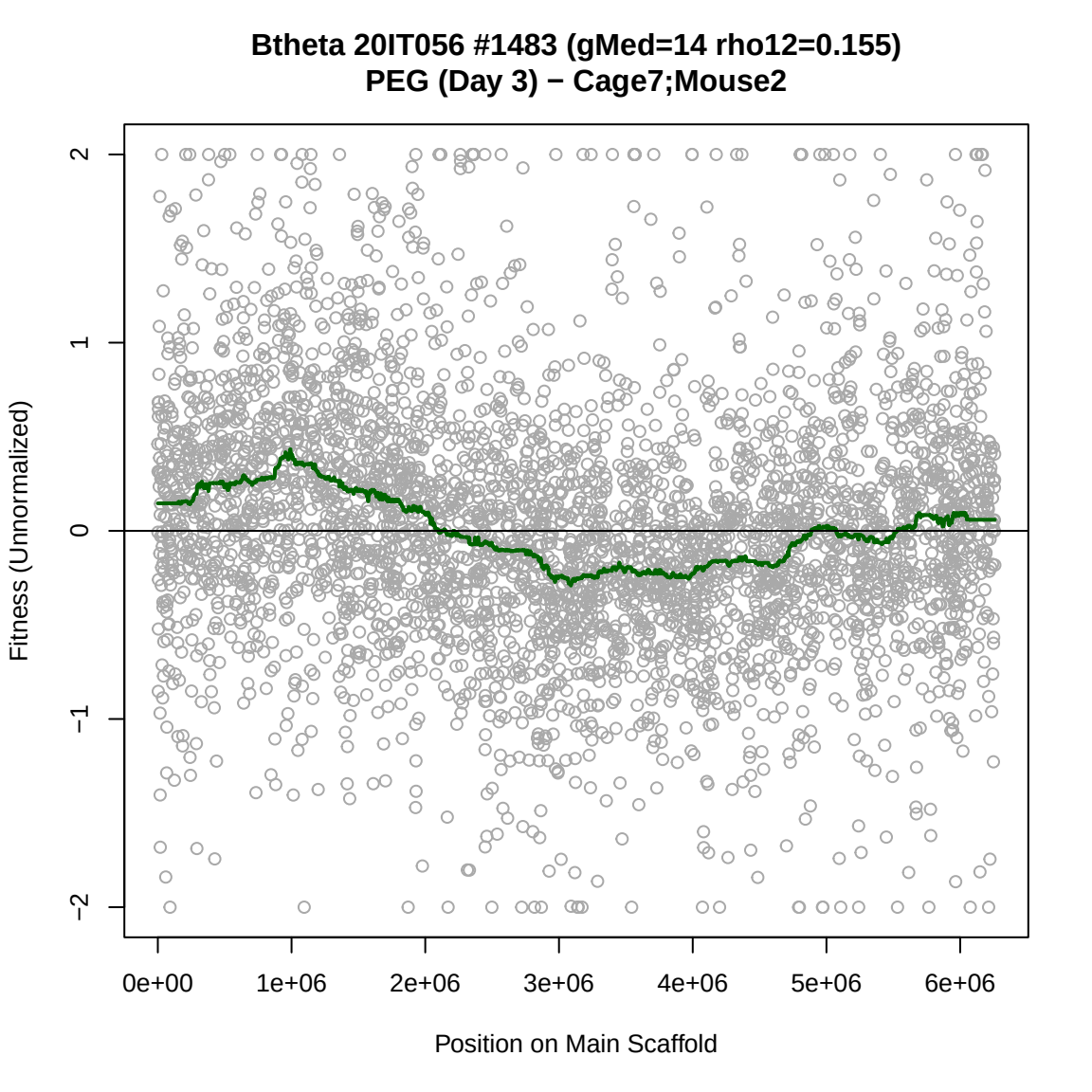

Btheta 20IT050 #1477 (gMed=57 rho12=0.259)
PEG (Day 2) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

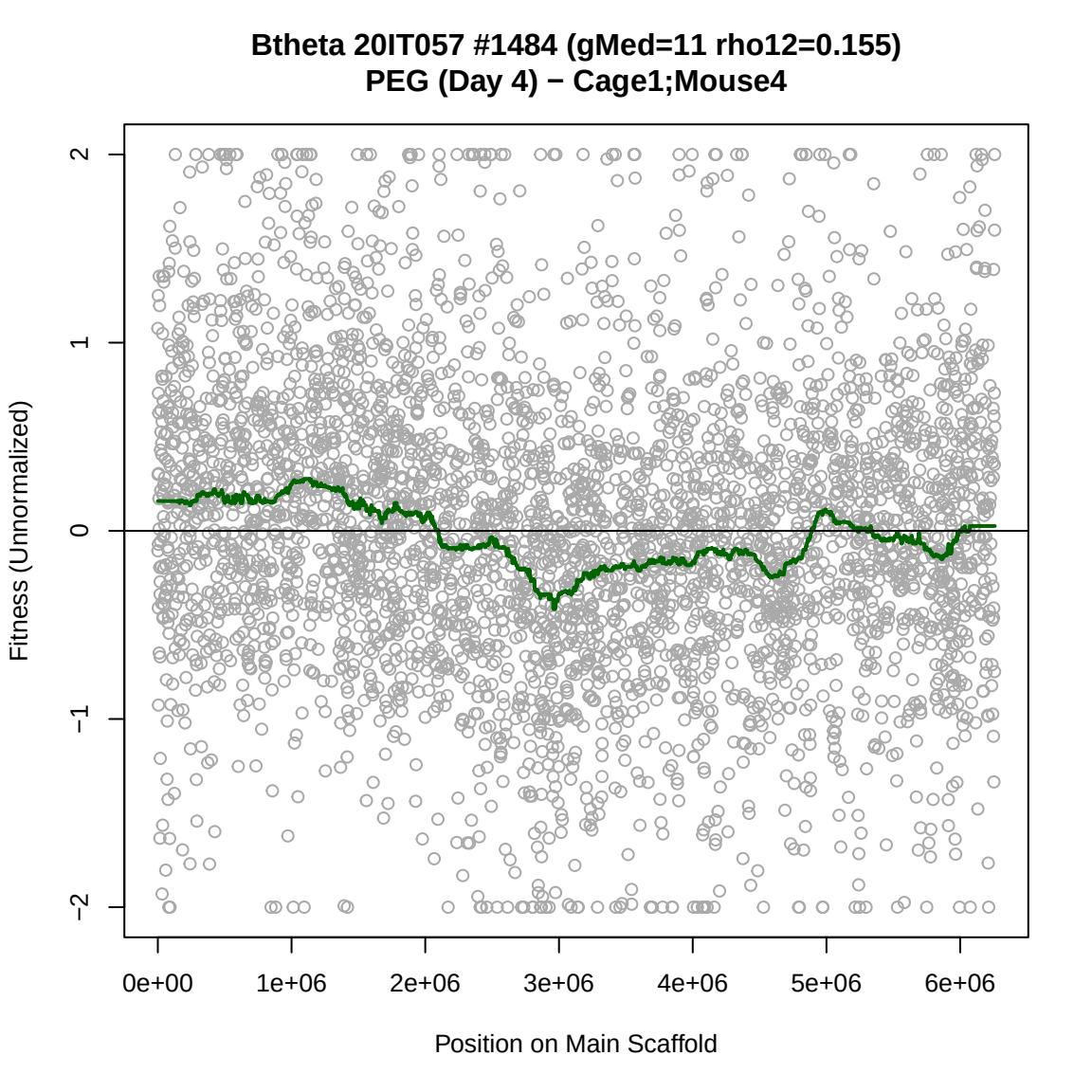

Btheta 20IT051 #1478 (gMed=29 rho12=0.247)
PEG (Day 2) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

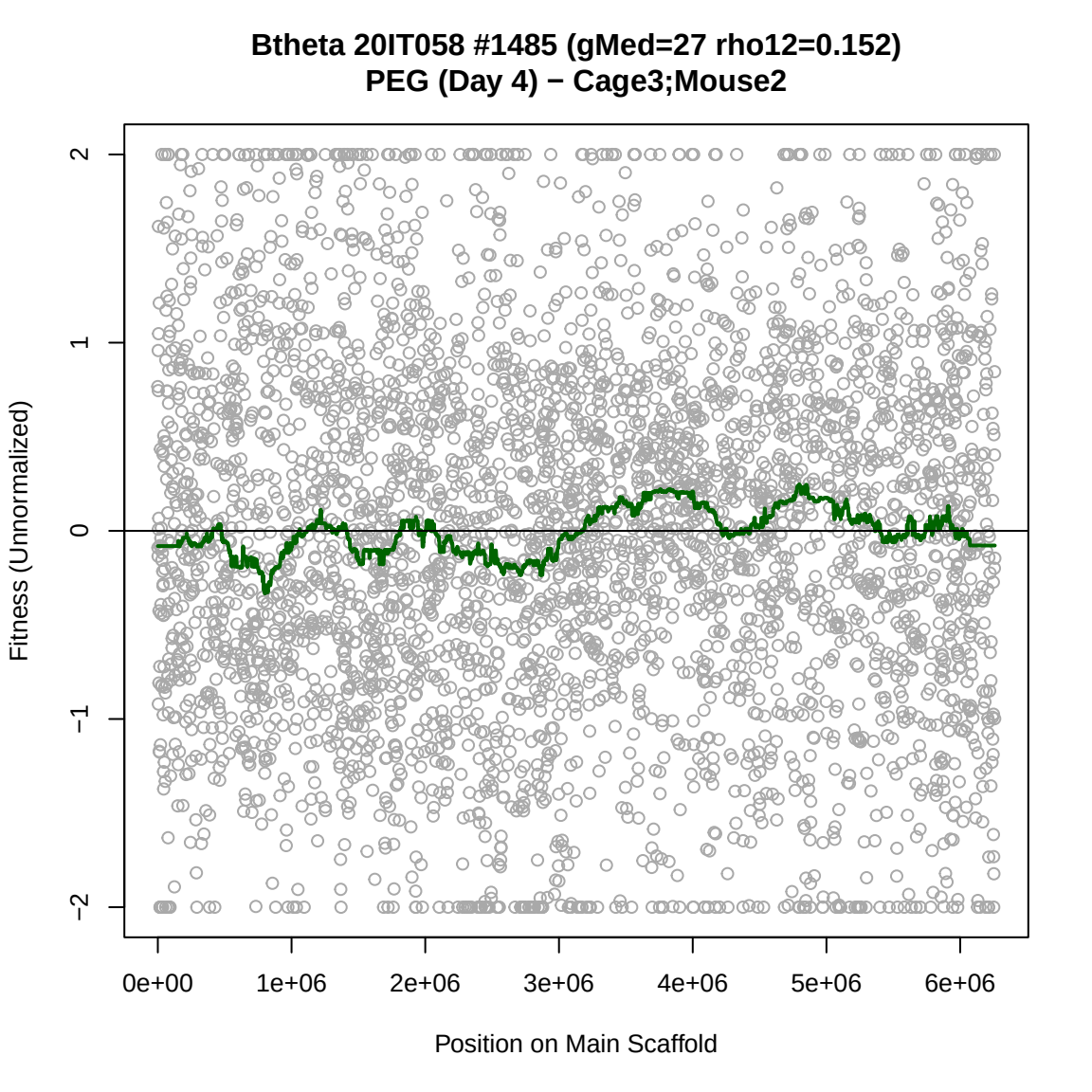

Btheta 20IT052 #1479 (gMed=50 rho12=0.243)
PEG (Day 3) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

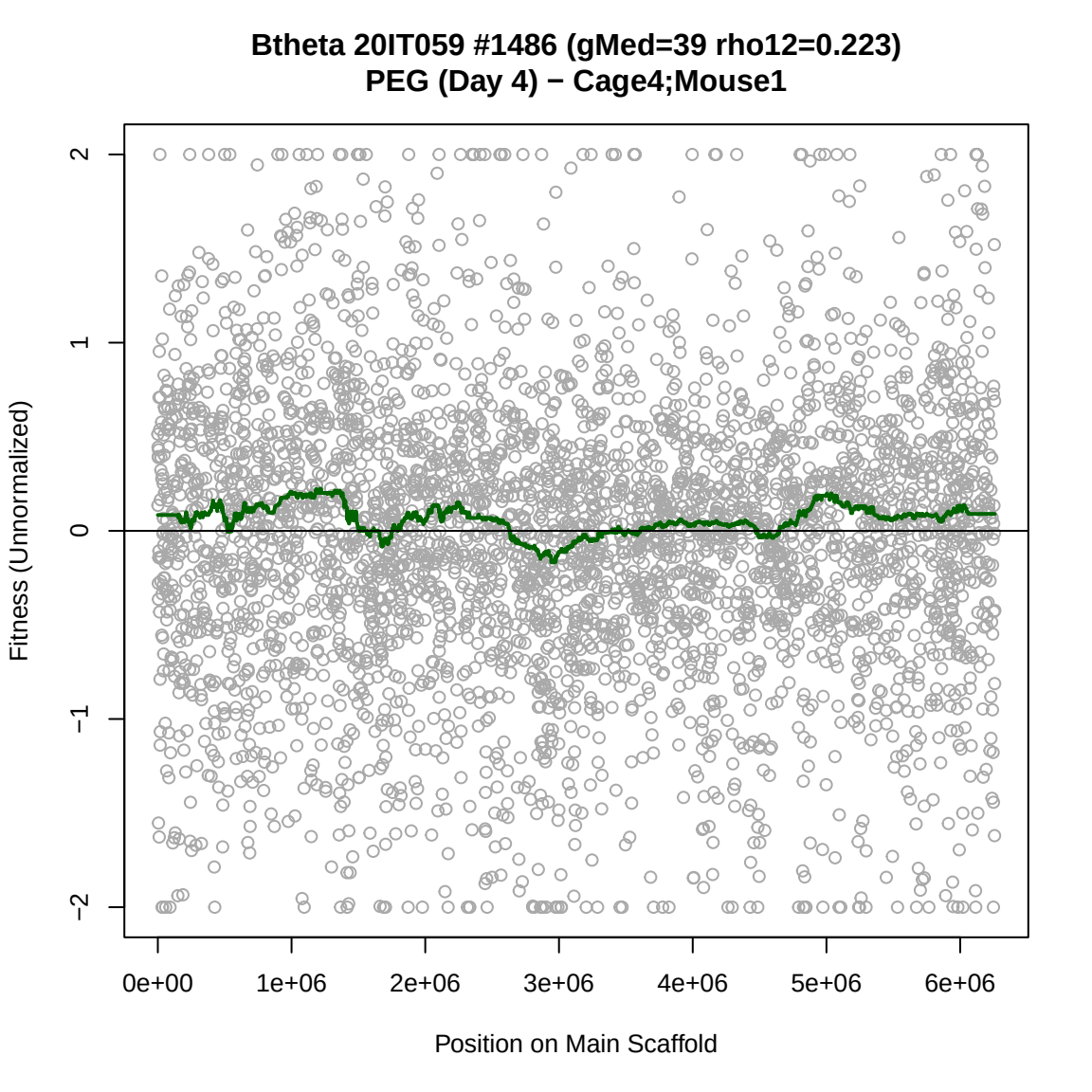

Btheta 20IT054 #1481 (gMed=136 rho12=−0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

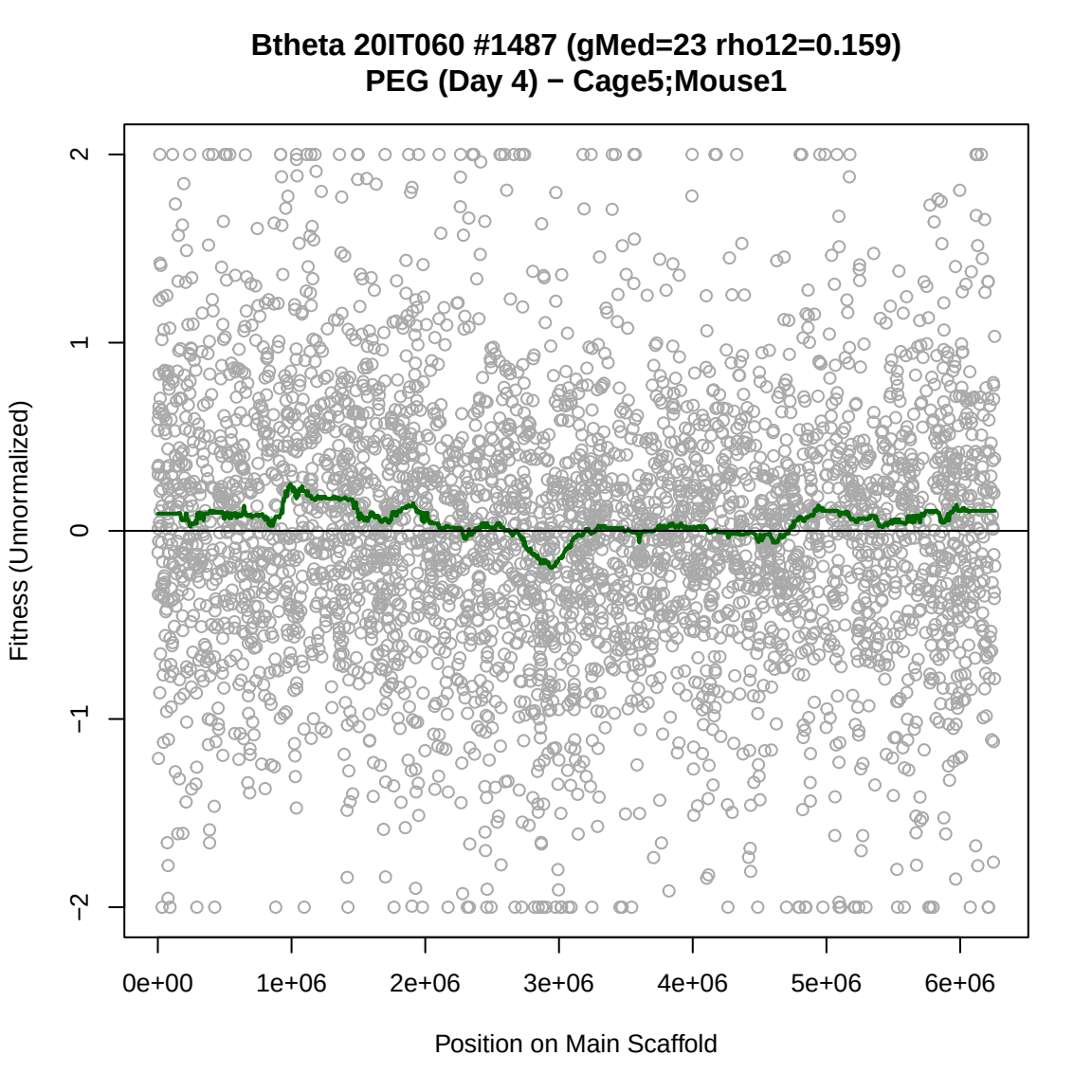

Btheta 20IT055 #1482 (gMed=34 rho12=0.226)
PEG (Day 3) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

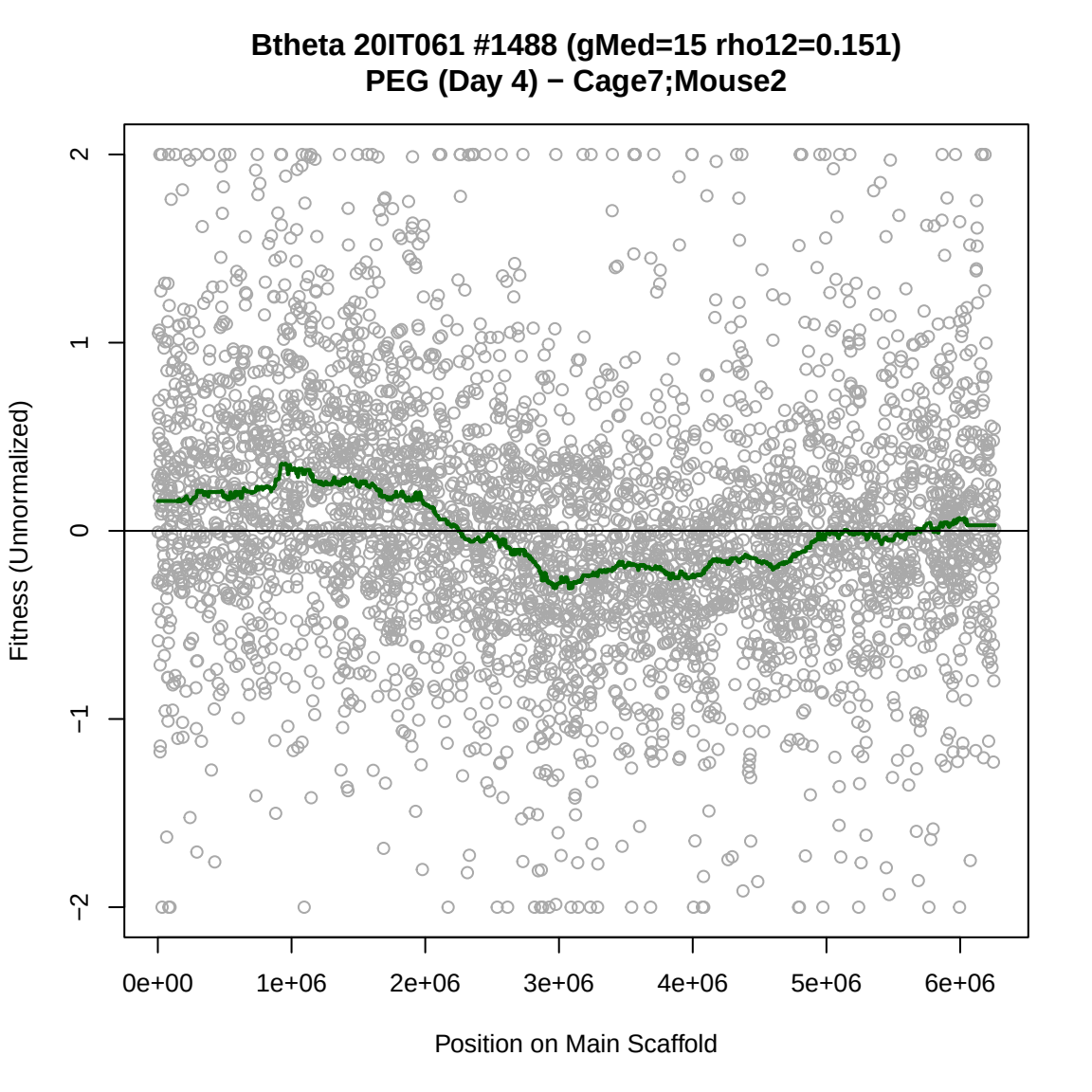

Btheta 20IT056 #1483 (gMed=14 rho12=0.155)
PEG (Day 3) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

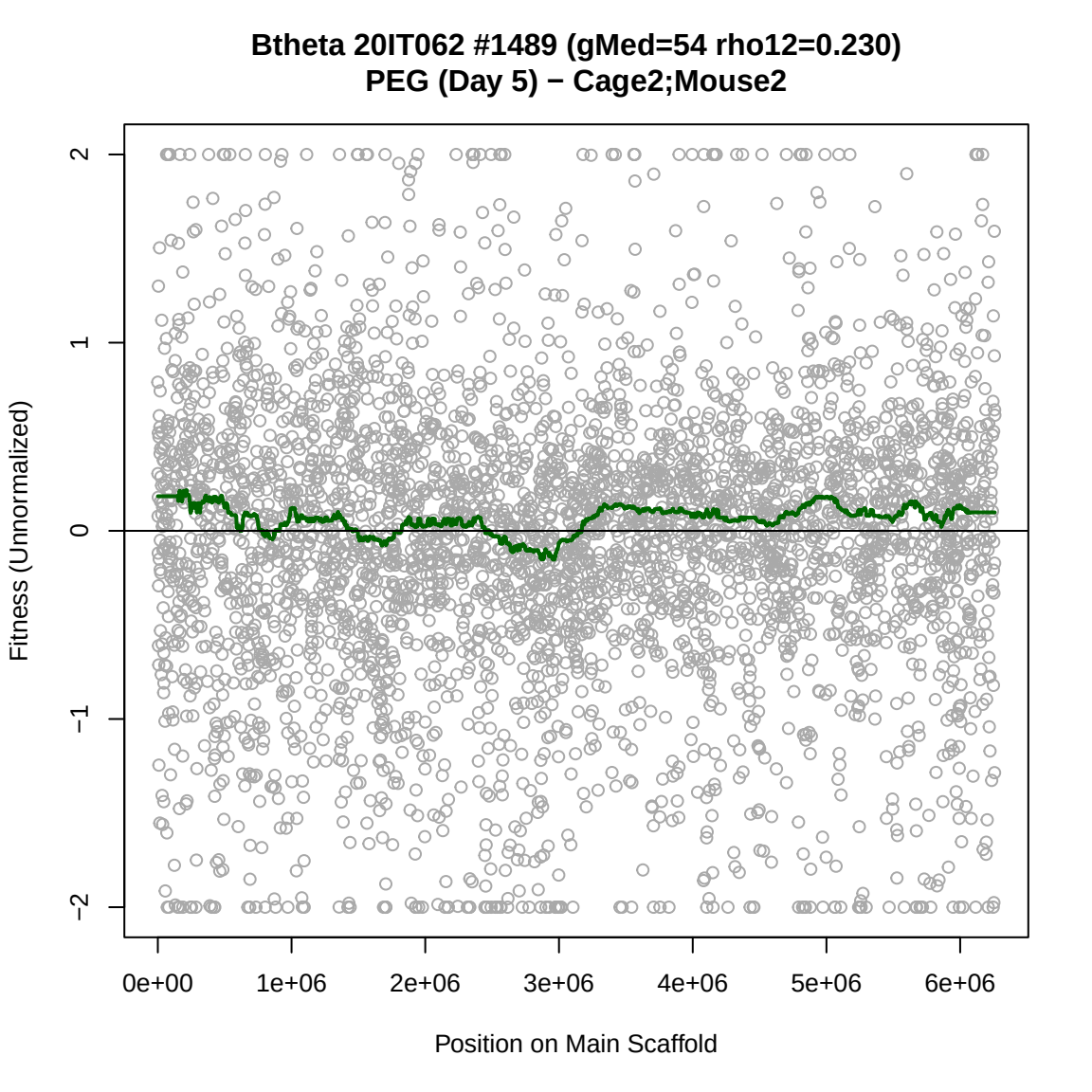

Btheta 20IT057 #1484 (gMed=11 rho12=0.155)
PEG (Day 4) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

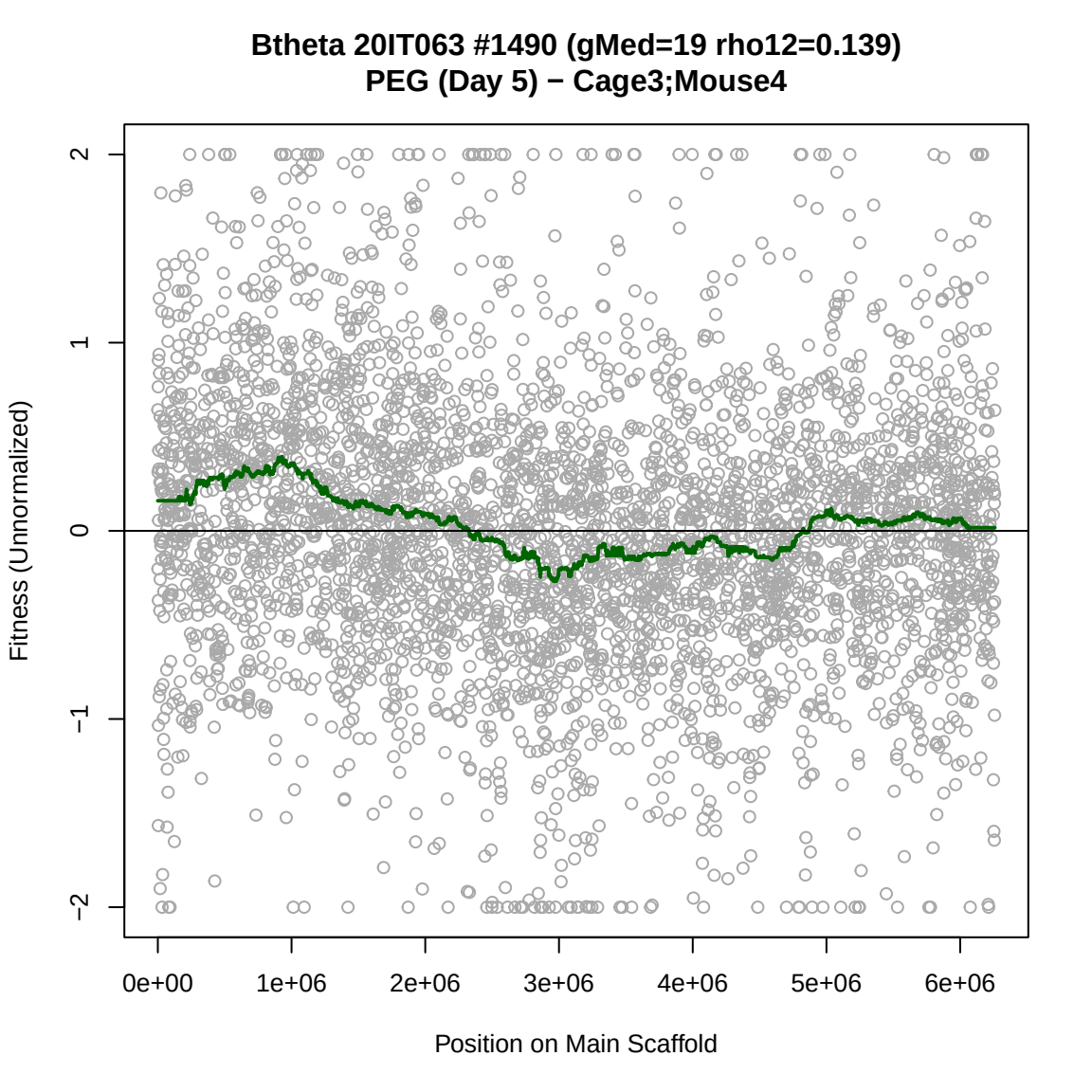

Btheta 20IT058 #1485 (gMed=27 rho12=0.152)
PEG (Day 4) − Cage3;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

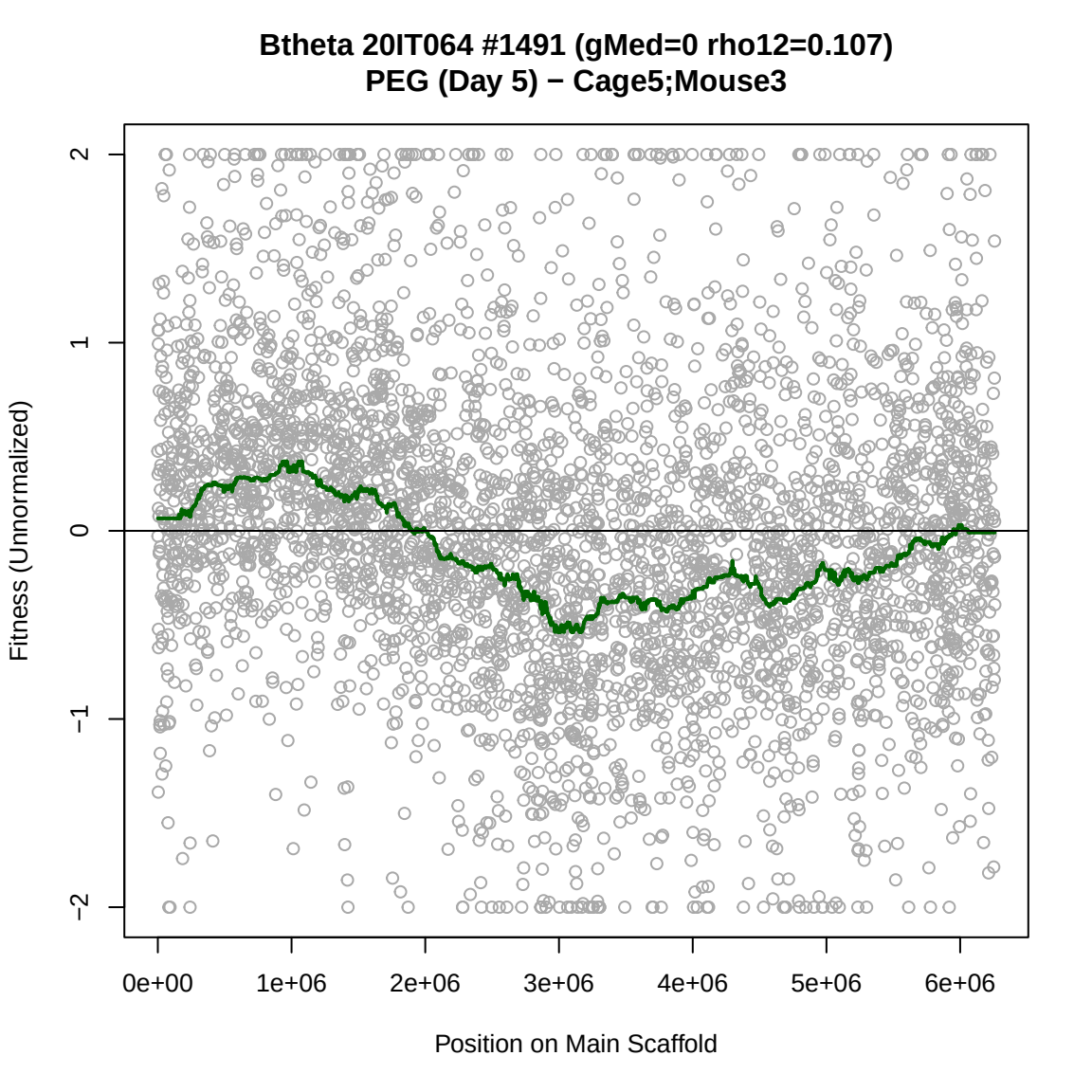

Btheta 20IT059 #1486 (gMed=39 rho12=0.223)
PEG (Day 4) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

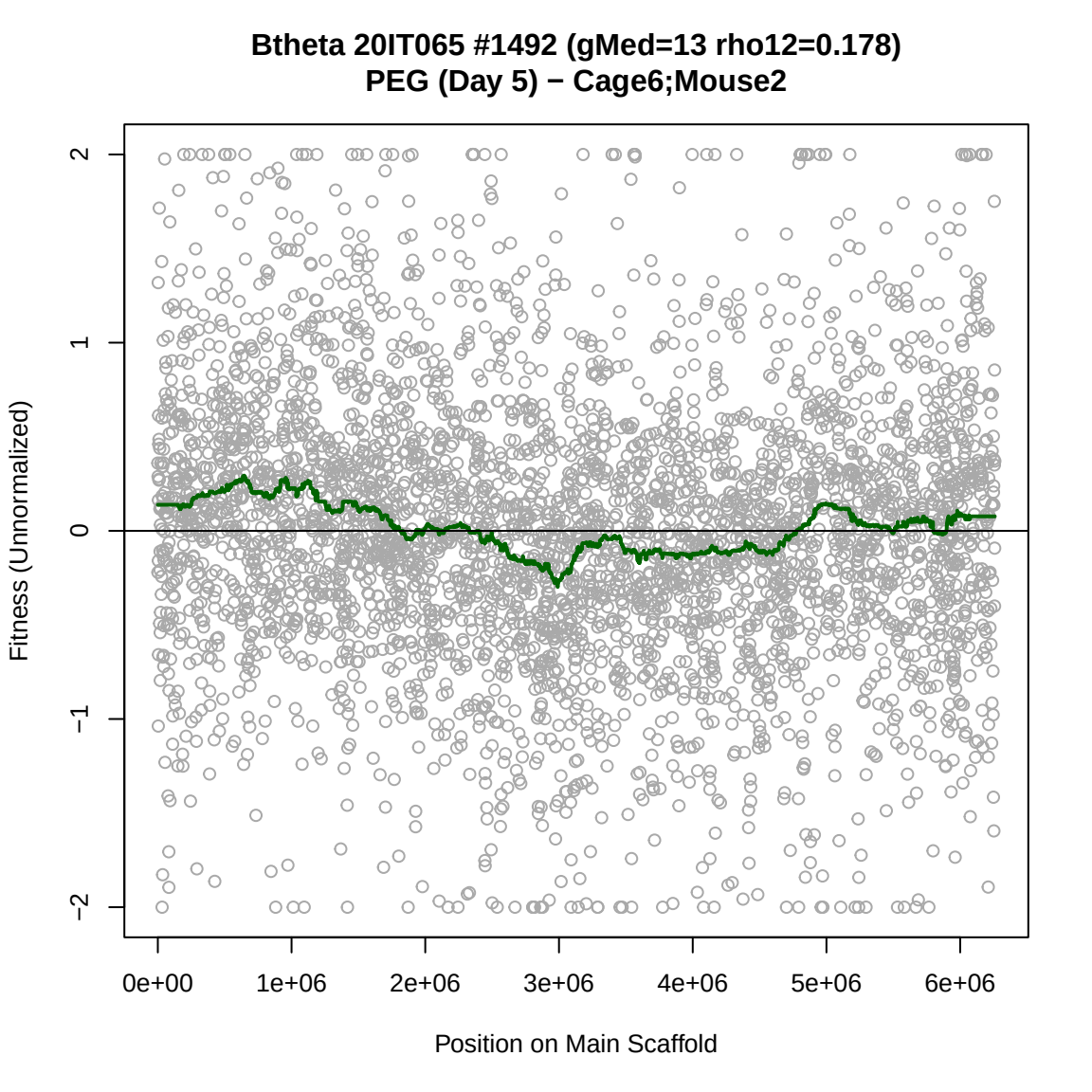

Btheta 20IT060 #1487 (gMed=23 rho12=0.159)
PEG (Day 4) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

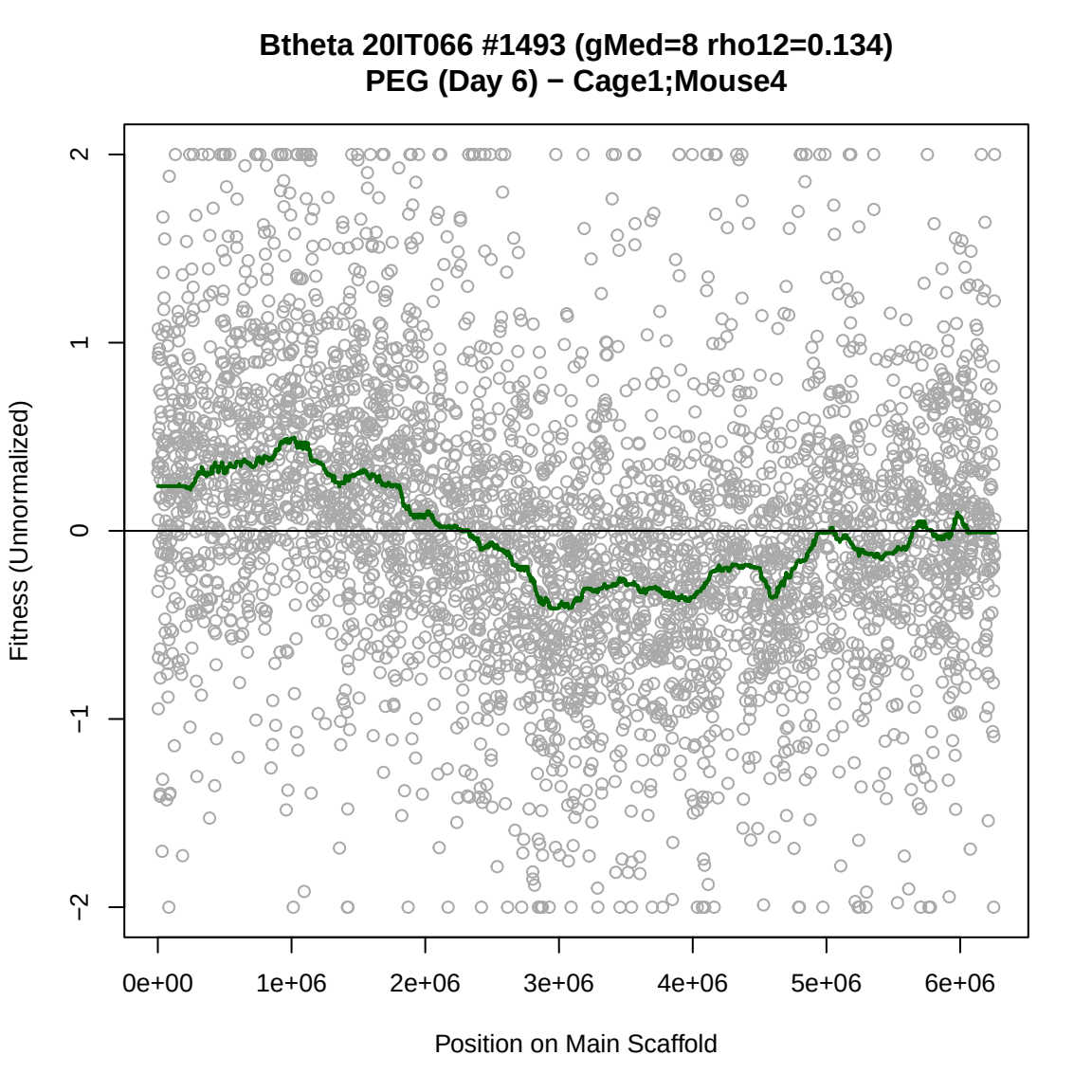

Btheta 20IT061 #1488 (gMed=15 rho12=0.151)
PEG (Day 4) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

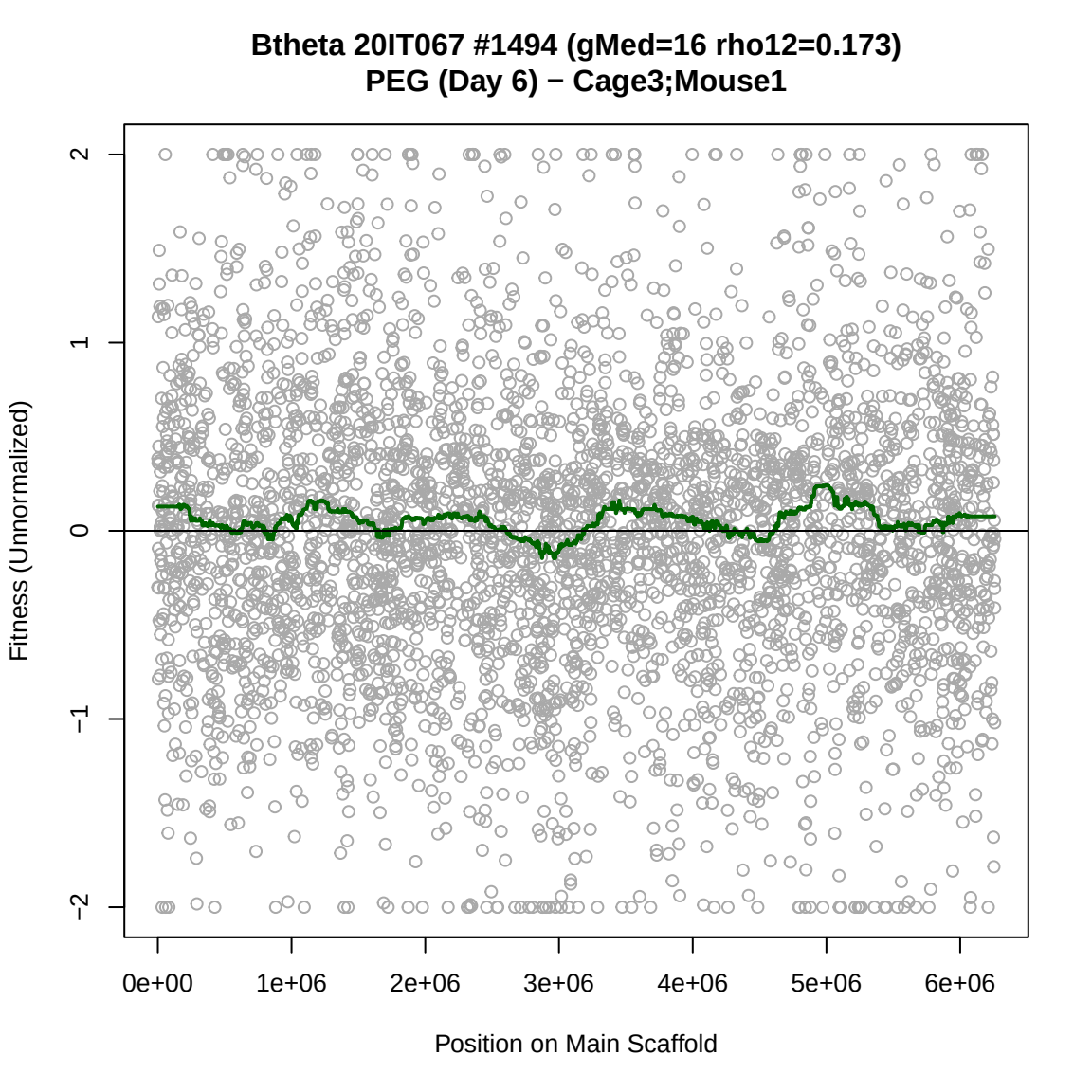

Btheta 20IT062 #1489 (gMed=54 rho12=0.230)
PEG (Day 5) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

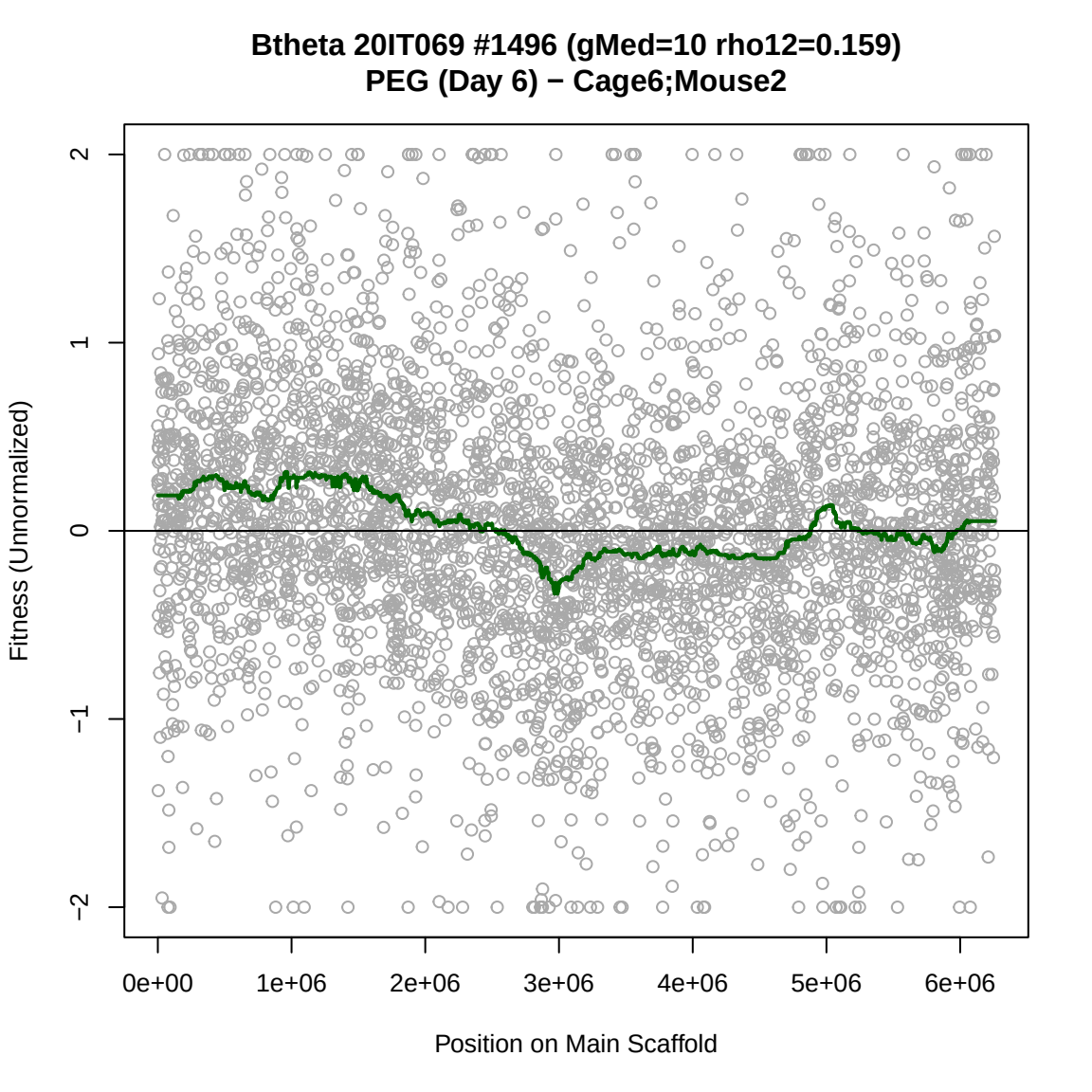

Btheta 20IT063 #1490 (gMed=19 rho12=0.139)
PEG (Day 5) − Cage3;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

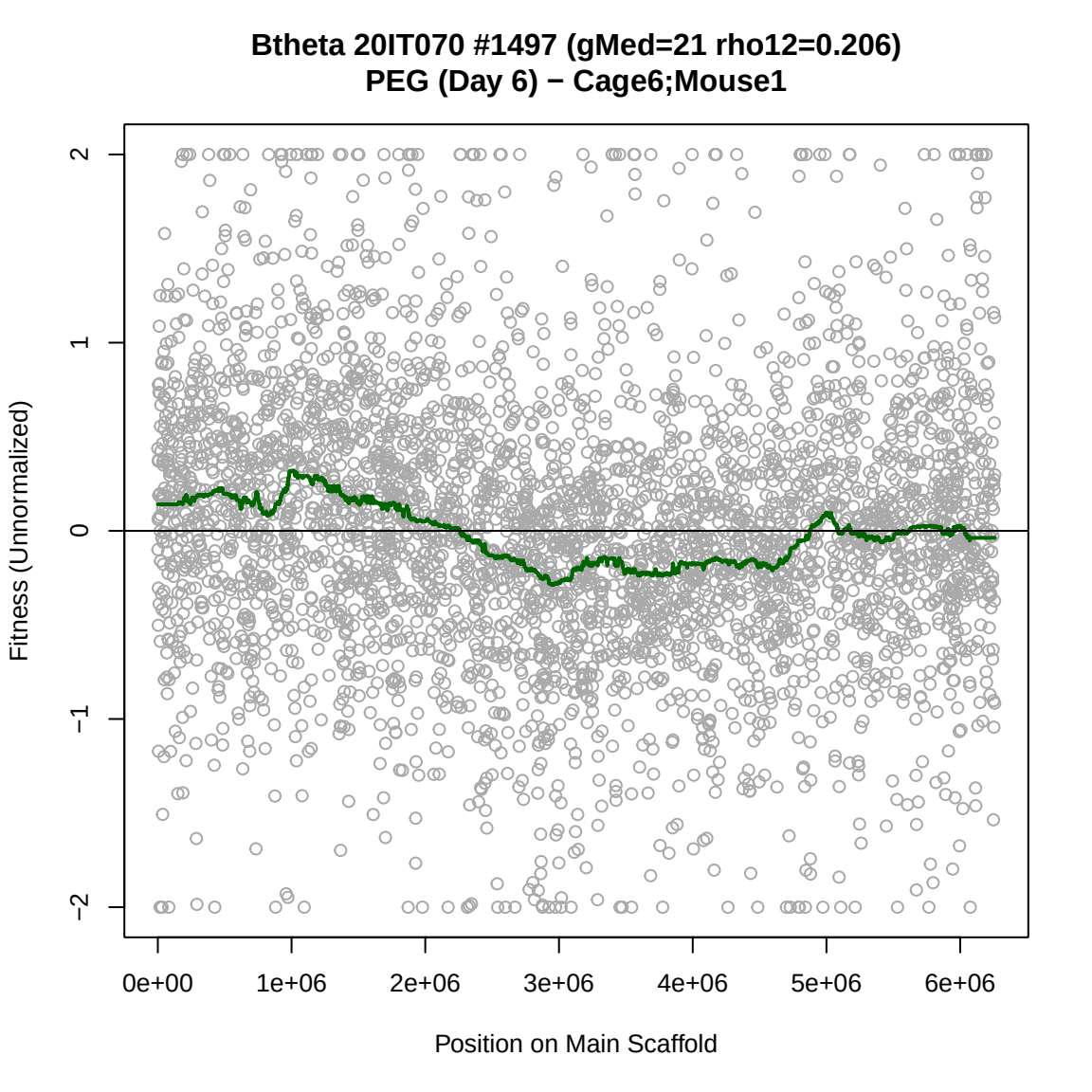

Btheta 20IT064 #1491 (gMed=0 rho12=0.107)
PEG (Day 5) − Cage5;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

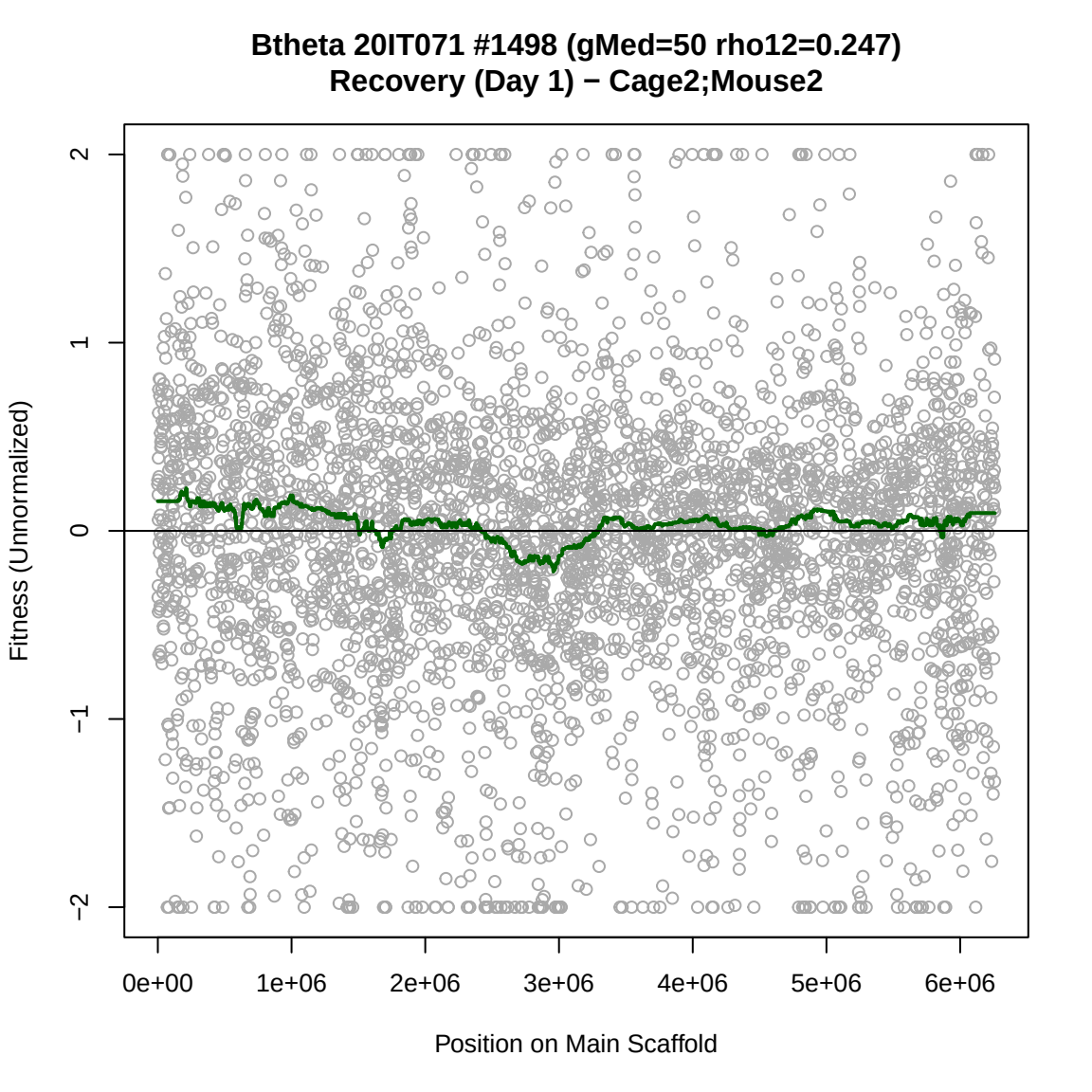

Btheta 20IT065 #1492 (gMed=13 rho12=0.178)
PEG (Day 5) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

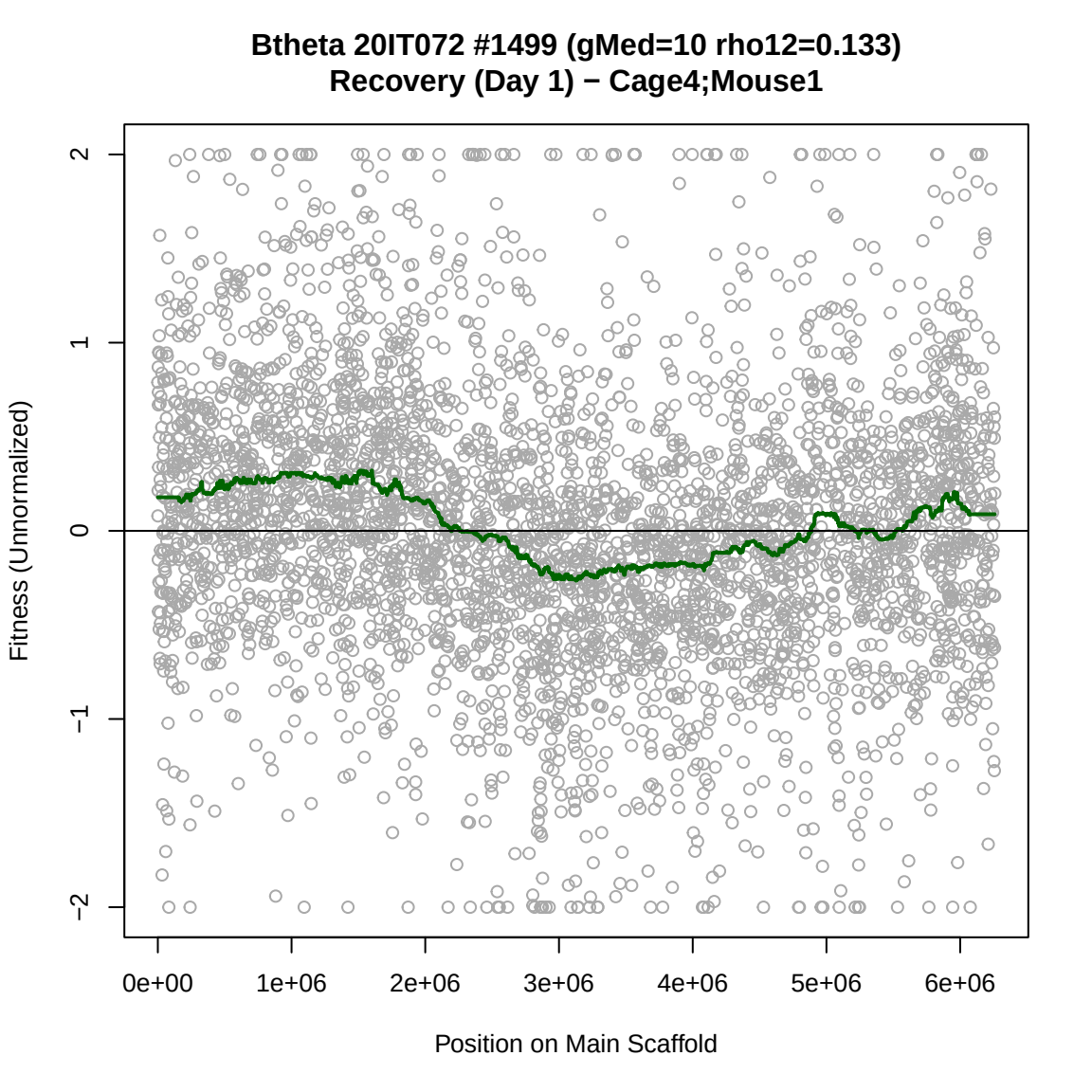

Btheta 20IT066 #1493 (gMed=8 rho12=0.134)
PEG (Day 6) − Cage1;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

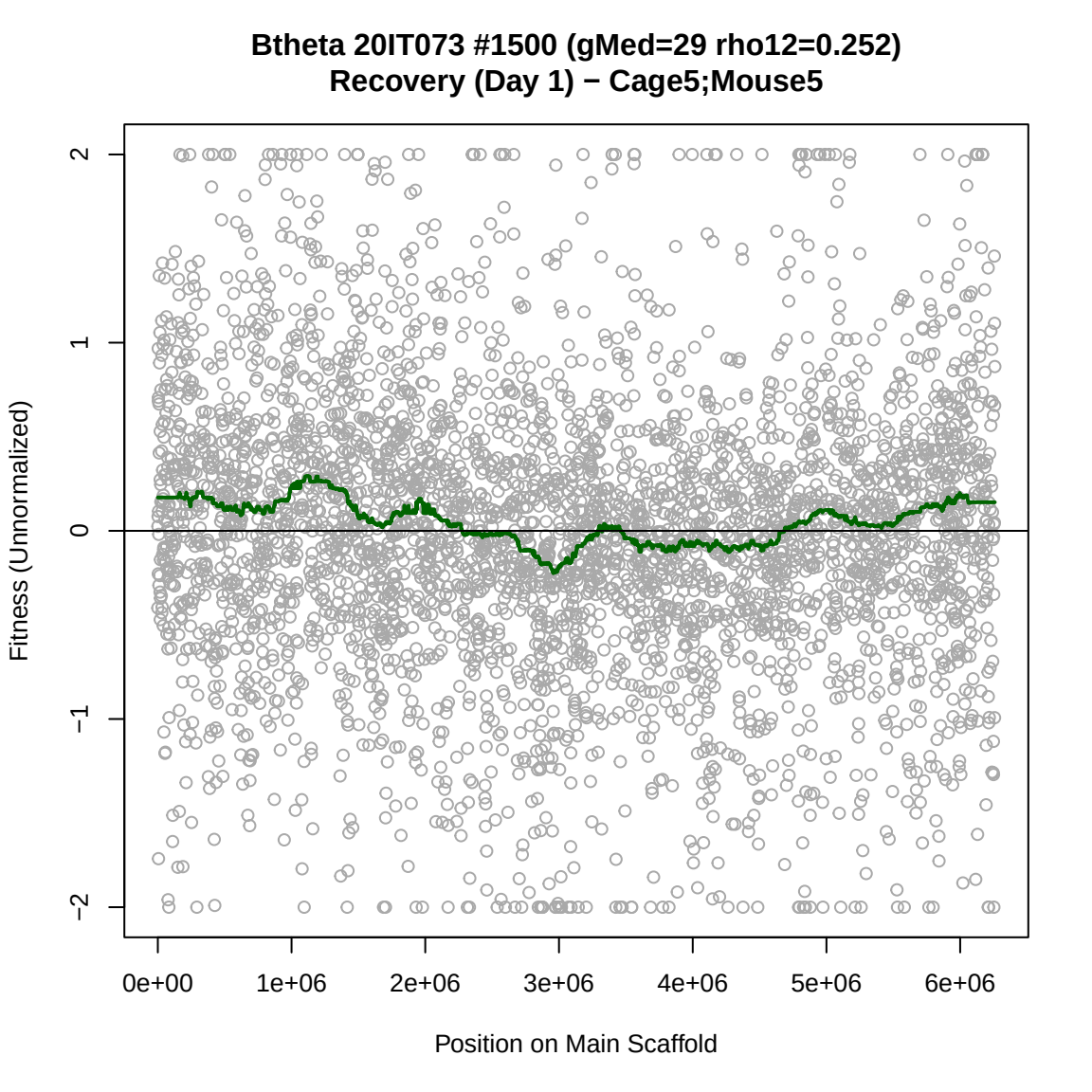

Btheta 20IT067 #1494 (gMed=16 rho12=0.173)
PEG (Day 6) − Cage3;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

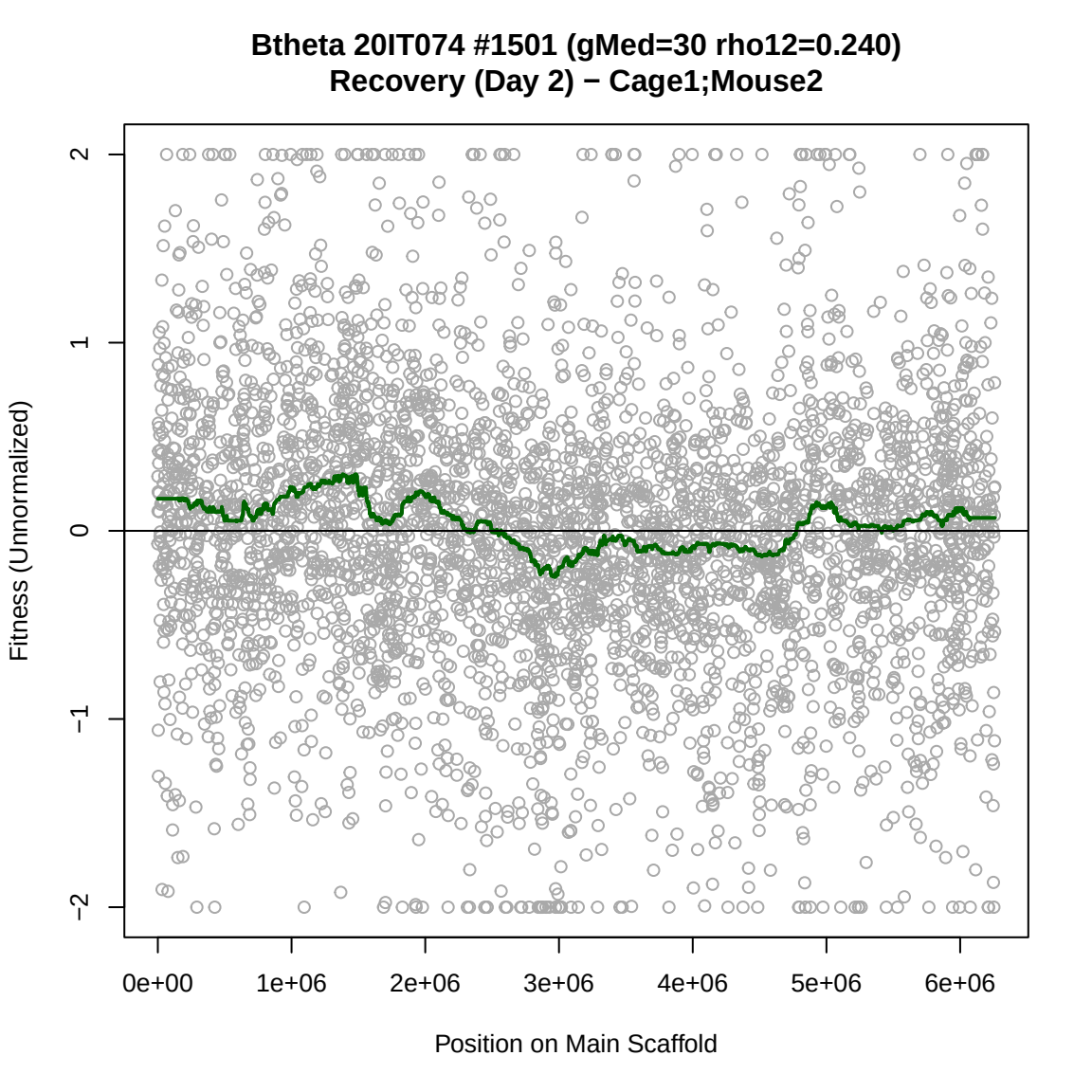

Btheta 20IT069 #1496 (gMed=10 rho12=0.159)
PEG (Day 6) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

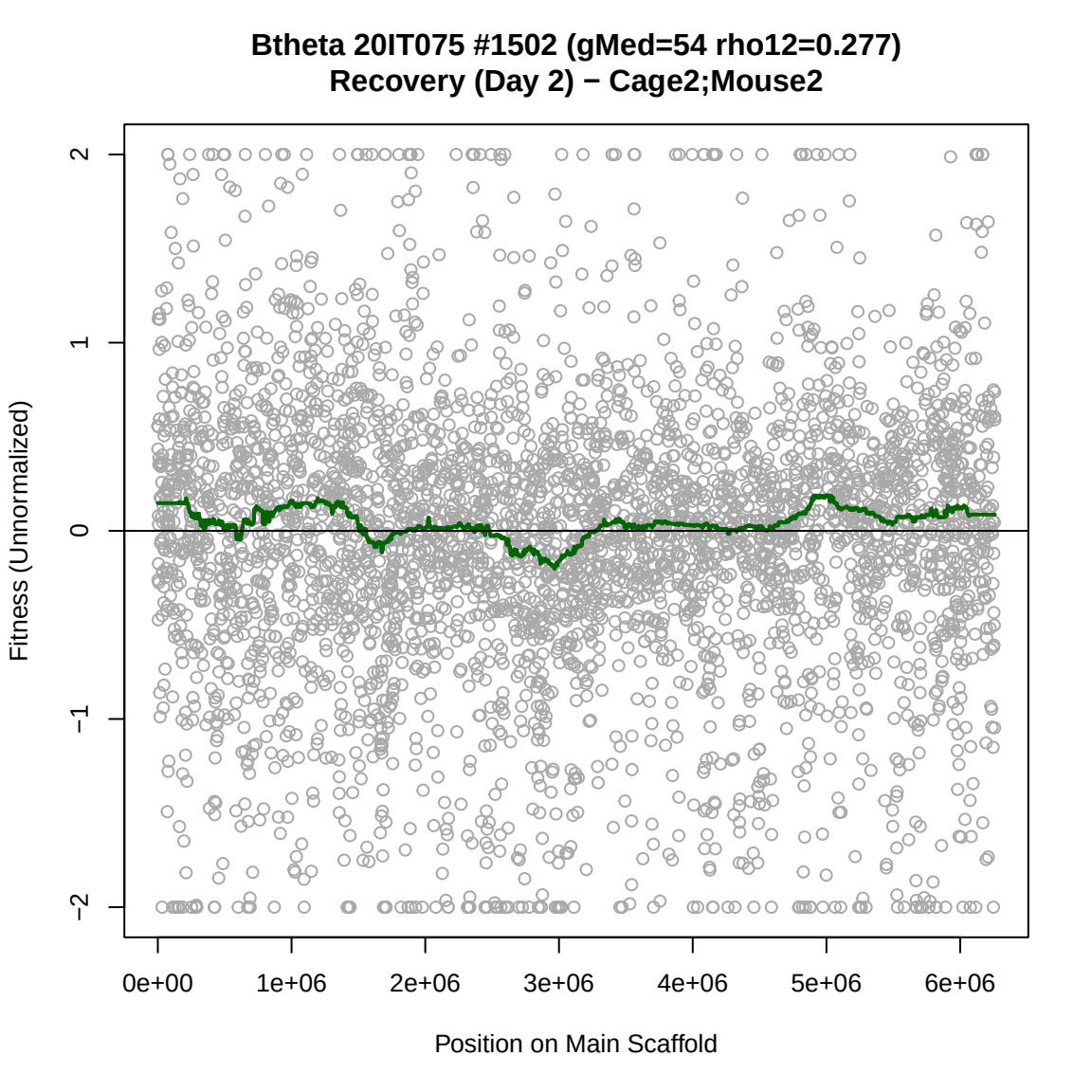

Btheta 20IT070 #1497 (gMed=21 rho12=0.206)
PEG (Day 6) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

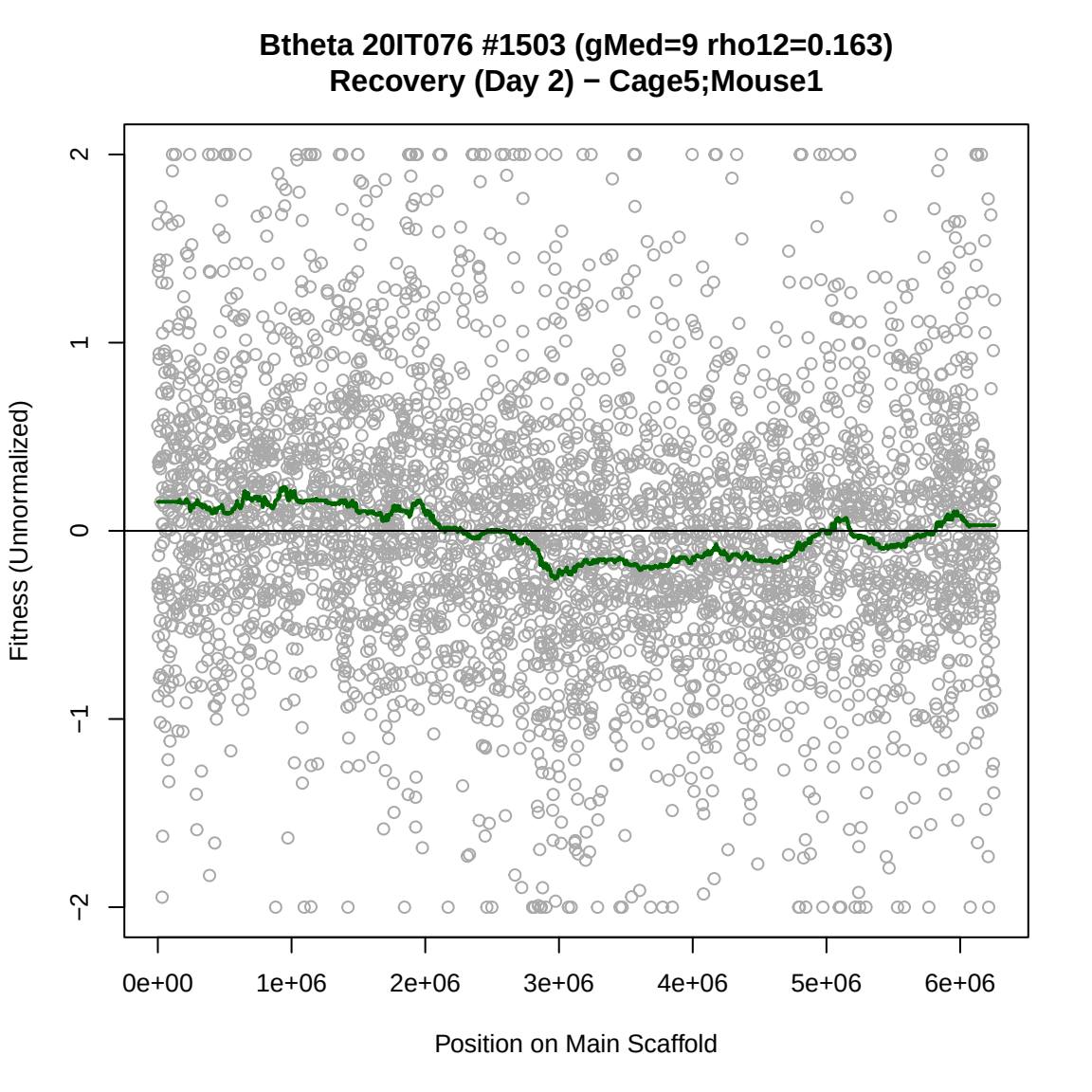

Btheta 20IT071 #1498 (gMed=50 rho12=0.247)
Recovery (Day 1) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

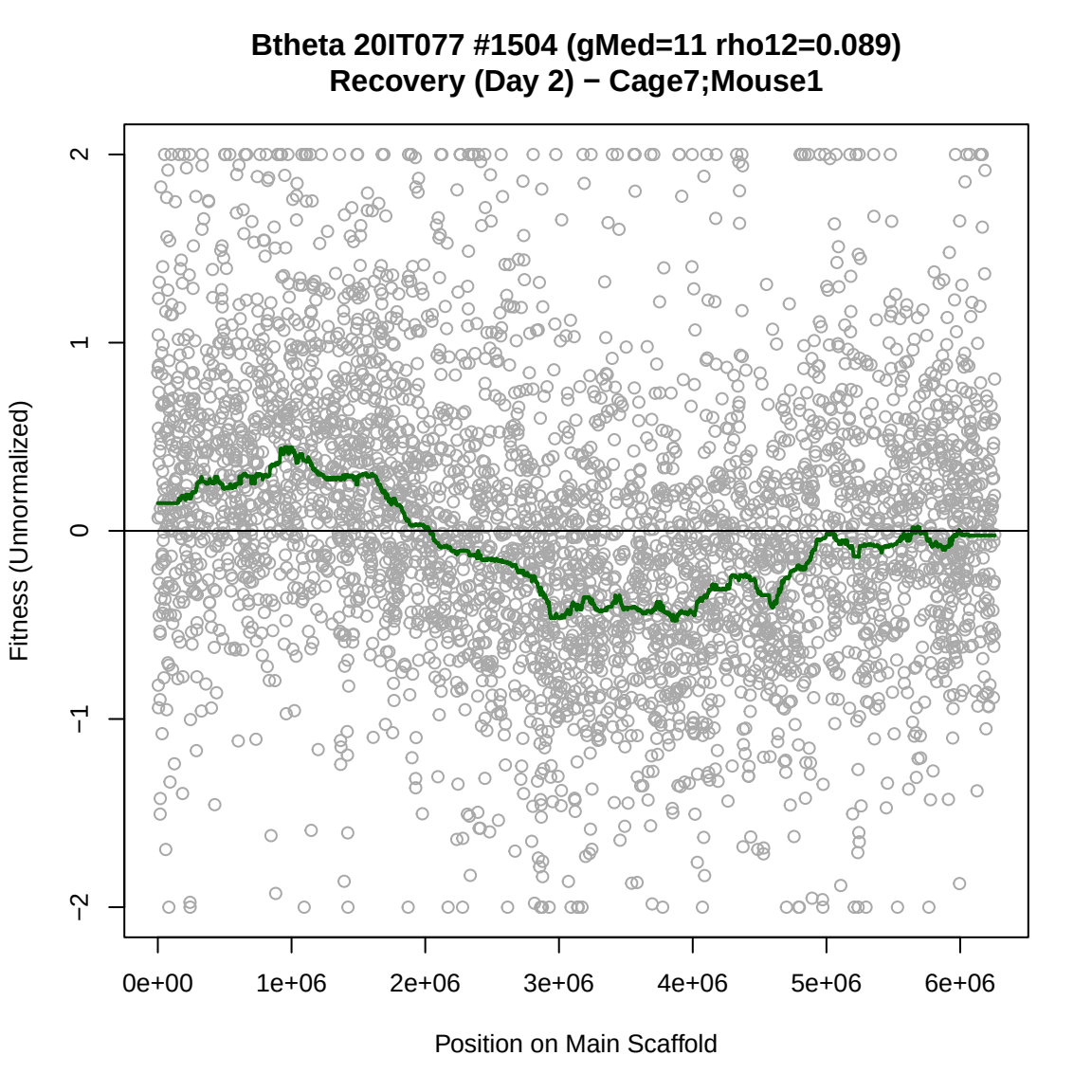

Btheta 20IT072 #1499 (gMed=10 rho12=0.133)
Recovery (Day 1) − Cage4;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

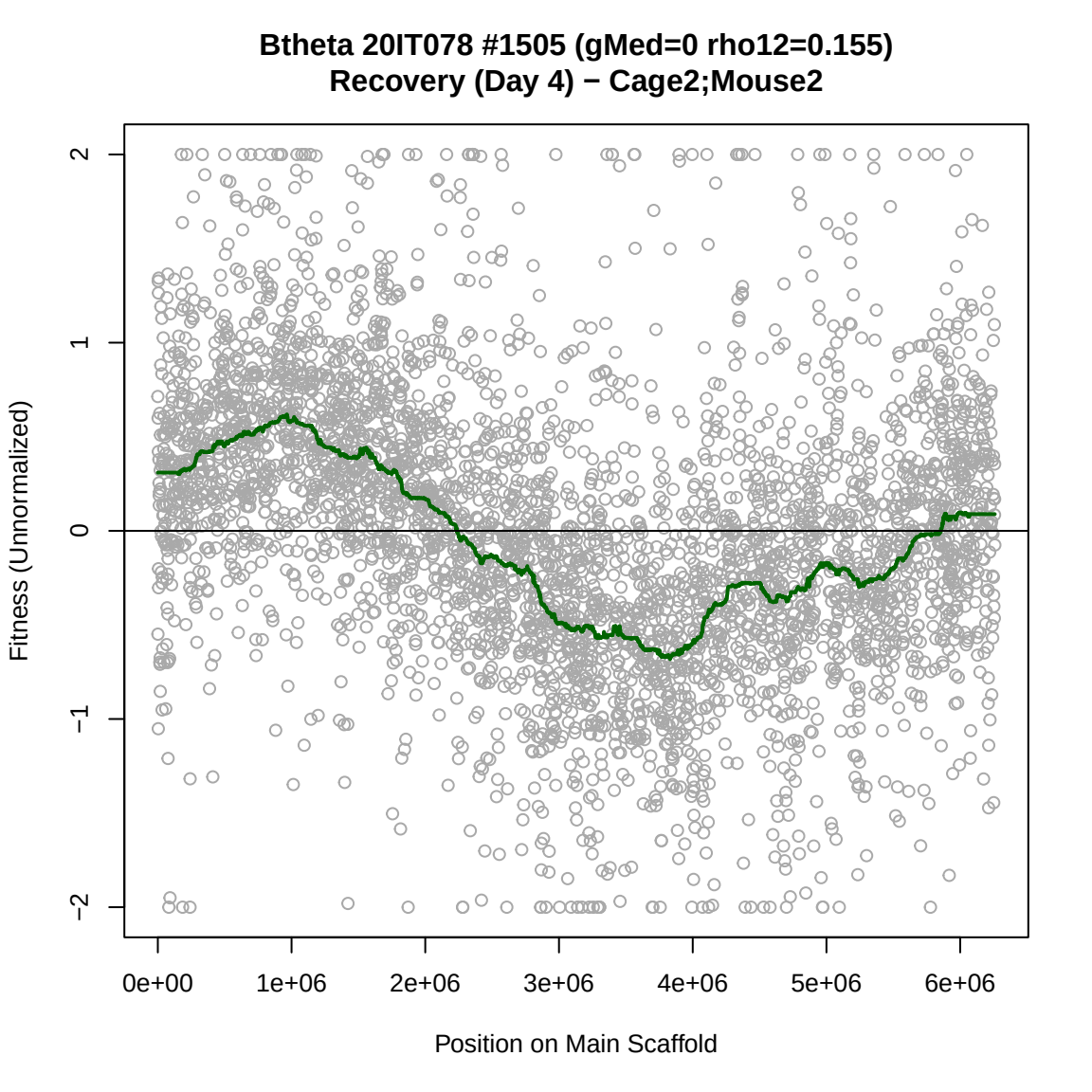

Btheta 20IT073 #1500 (gMed=29 rho12=0.252)
Recovery (Day 1) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

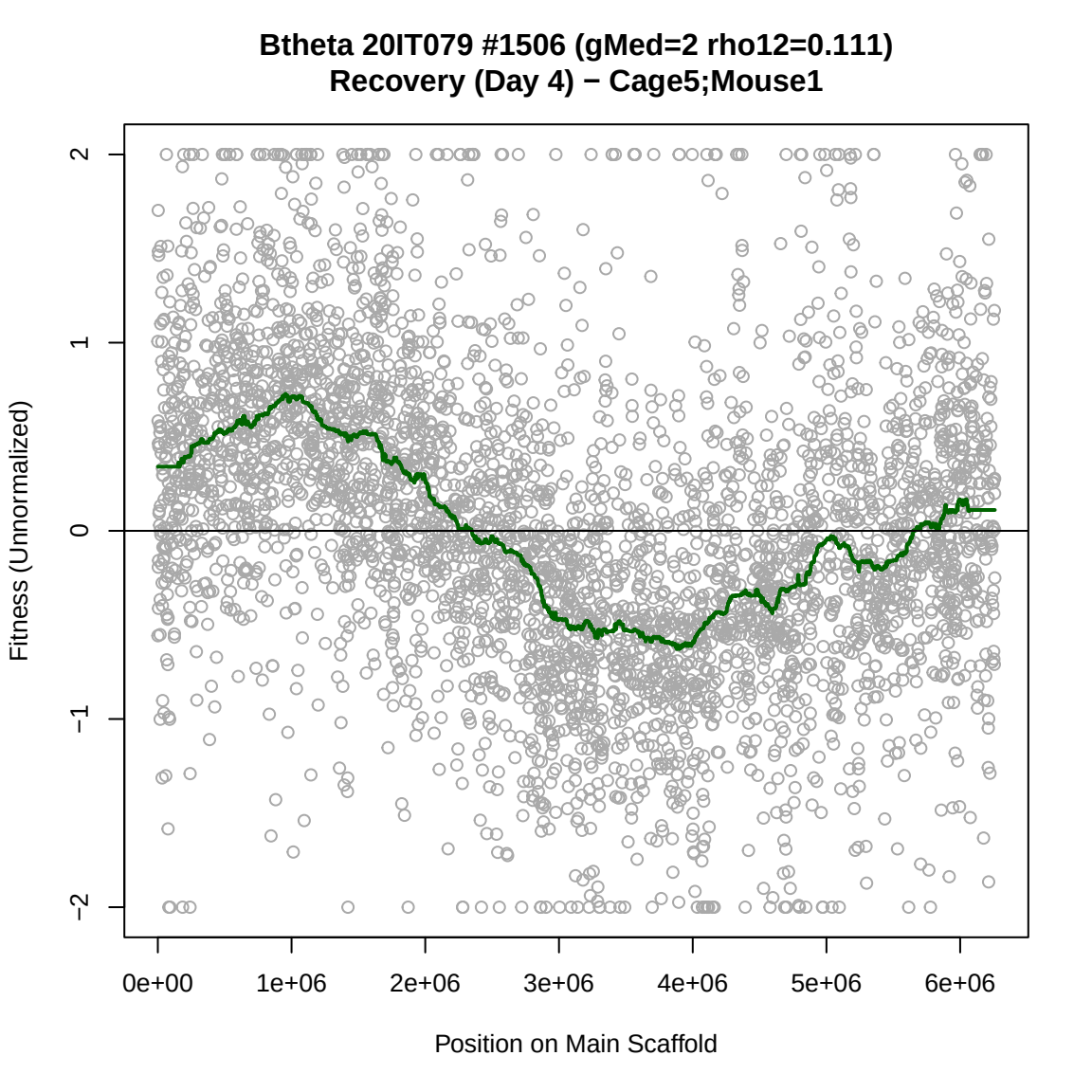

Btheta 20IT074 #1501 (gMed=30 rho12=0.240)
Recovery (Day 2) − Cage1;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

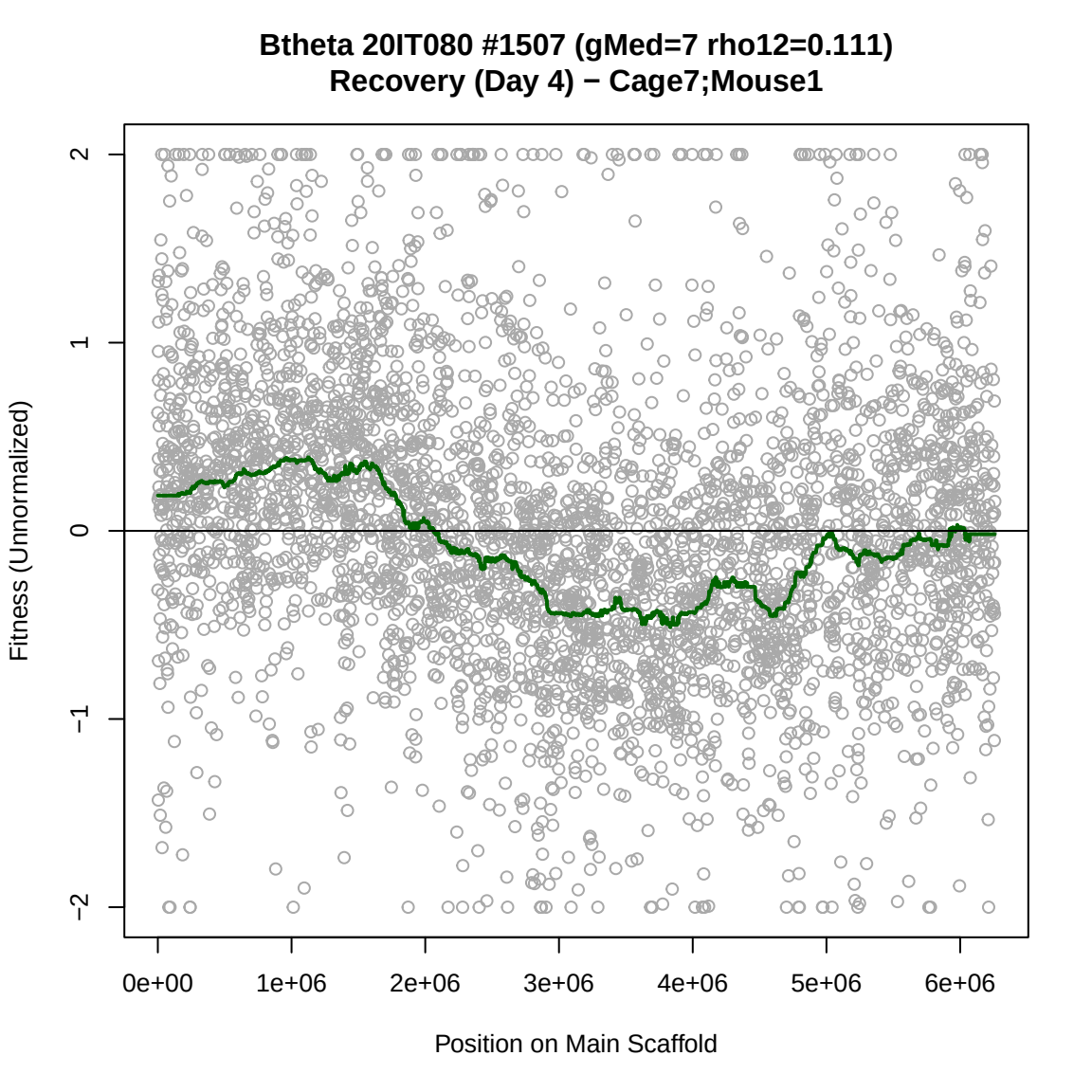

Btheta 20IT075 #1502 (gMed=54 rho12=0.277)
Recovery (Day 2) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

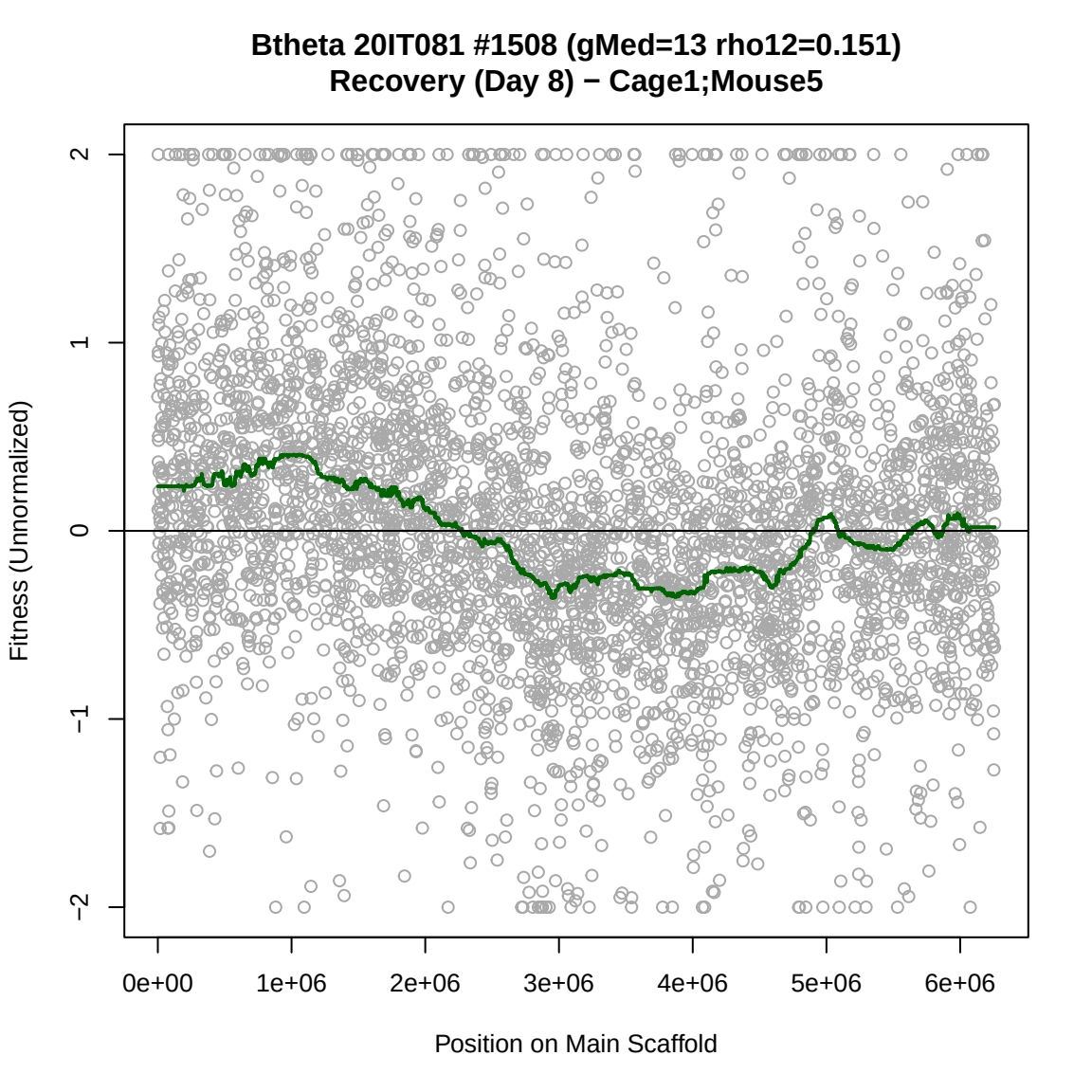

Btheta 20IT076 #1503 (gMed=9 rho12=0.163)
Recovery (Day 2) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

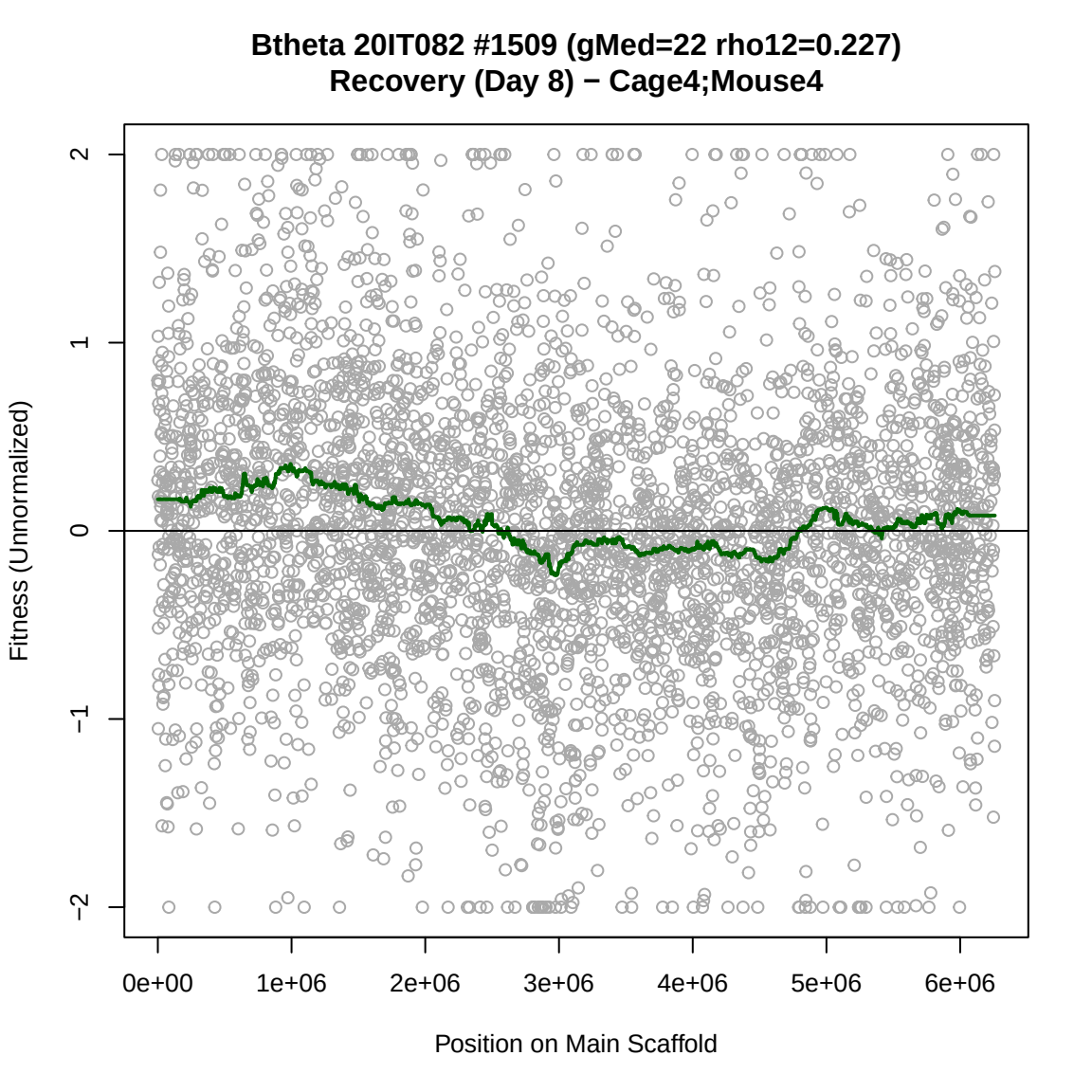

Btheta 20IT077 #1504 (gMed=11 rho12=0.089)
Recovery (Day 2) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

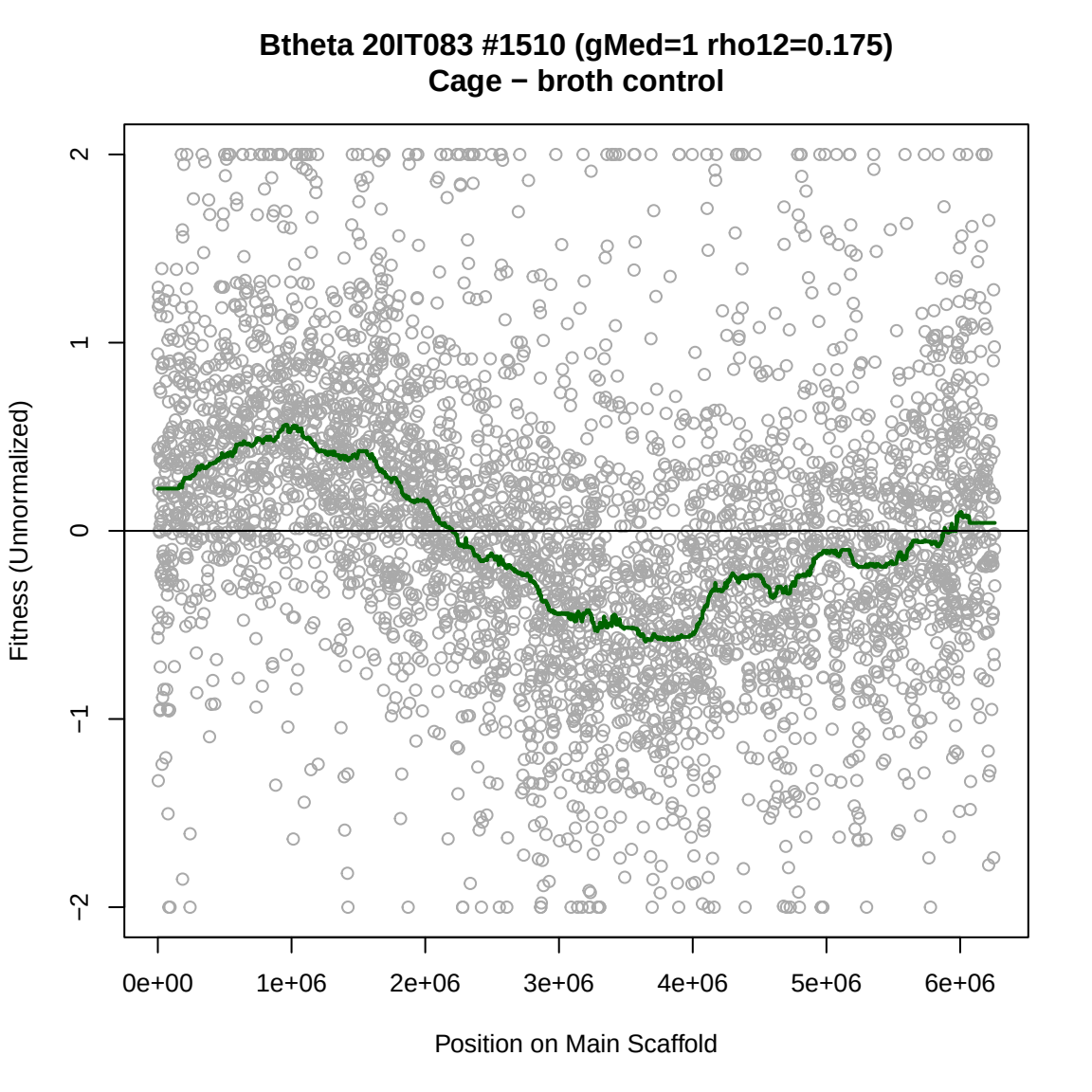

Btheta 20IT078 #1505 (gMed=0 rho12=0.155)
Recovery (Day 4) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

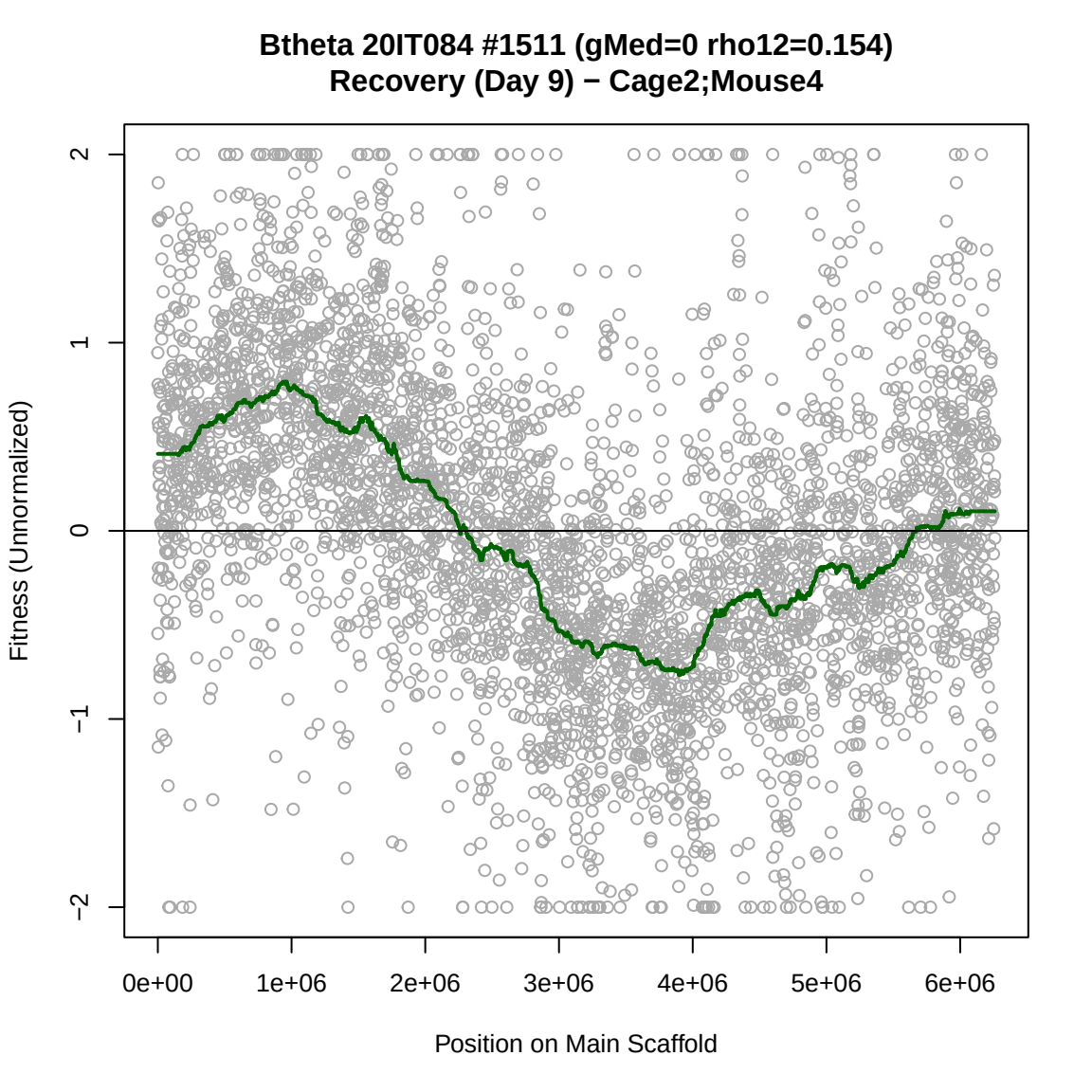

Btheta 20IT079 #1506 (gMed=2 rho12=0.111)
Recovery (Day 4) − Cage5;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

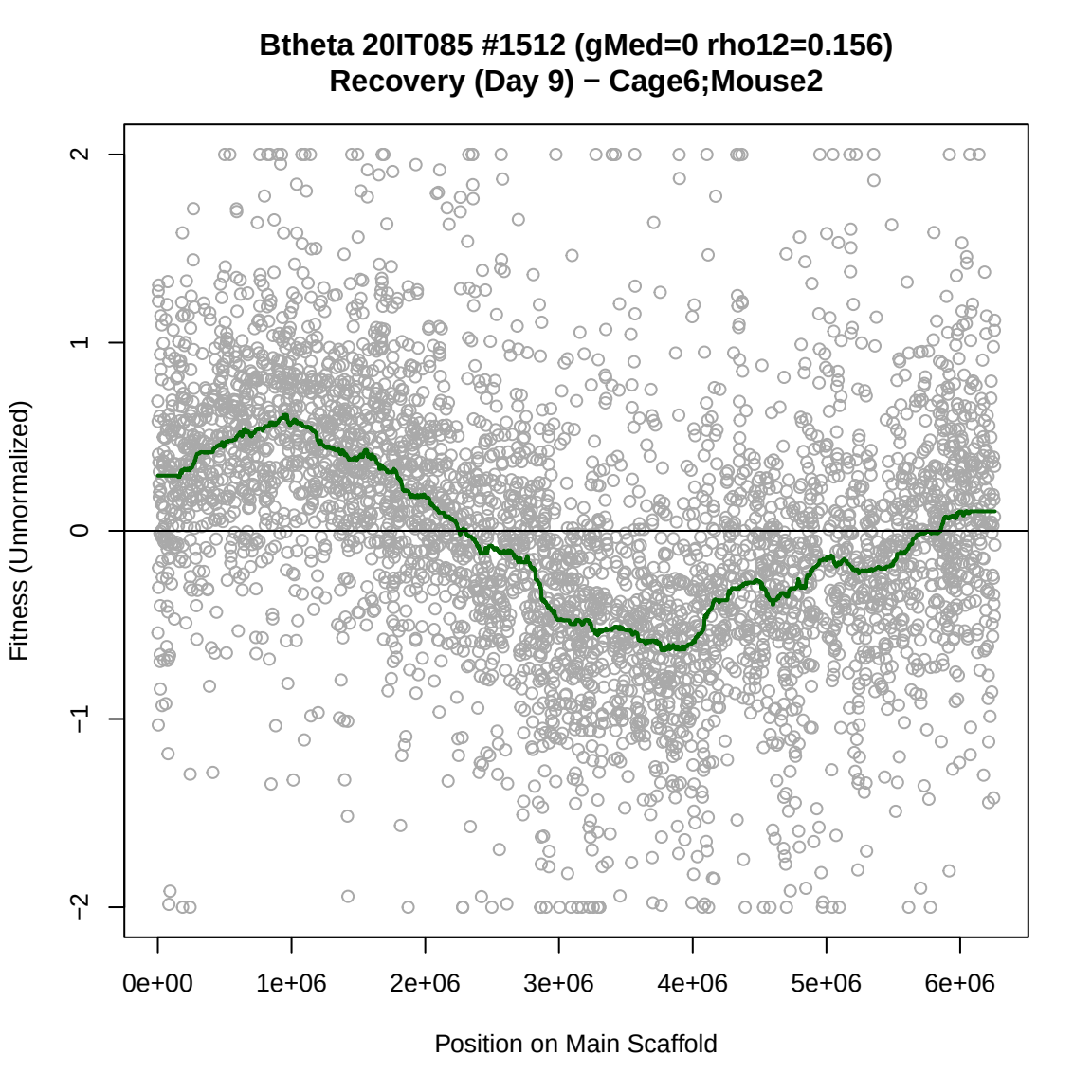

Btheta 20IT080 #1507 (gMed=7 rho12=0.111)
Recovery (Day 4) − Cage7;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

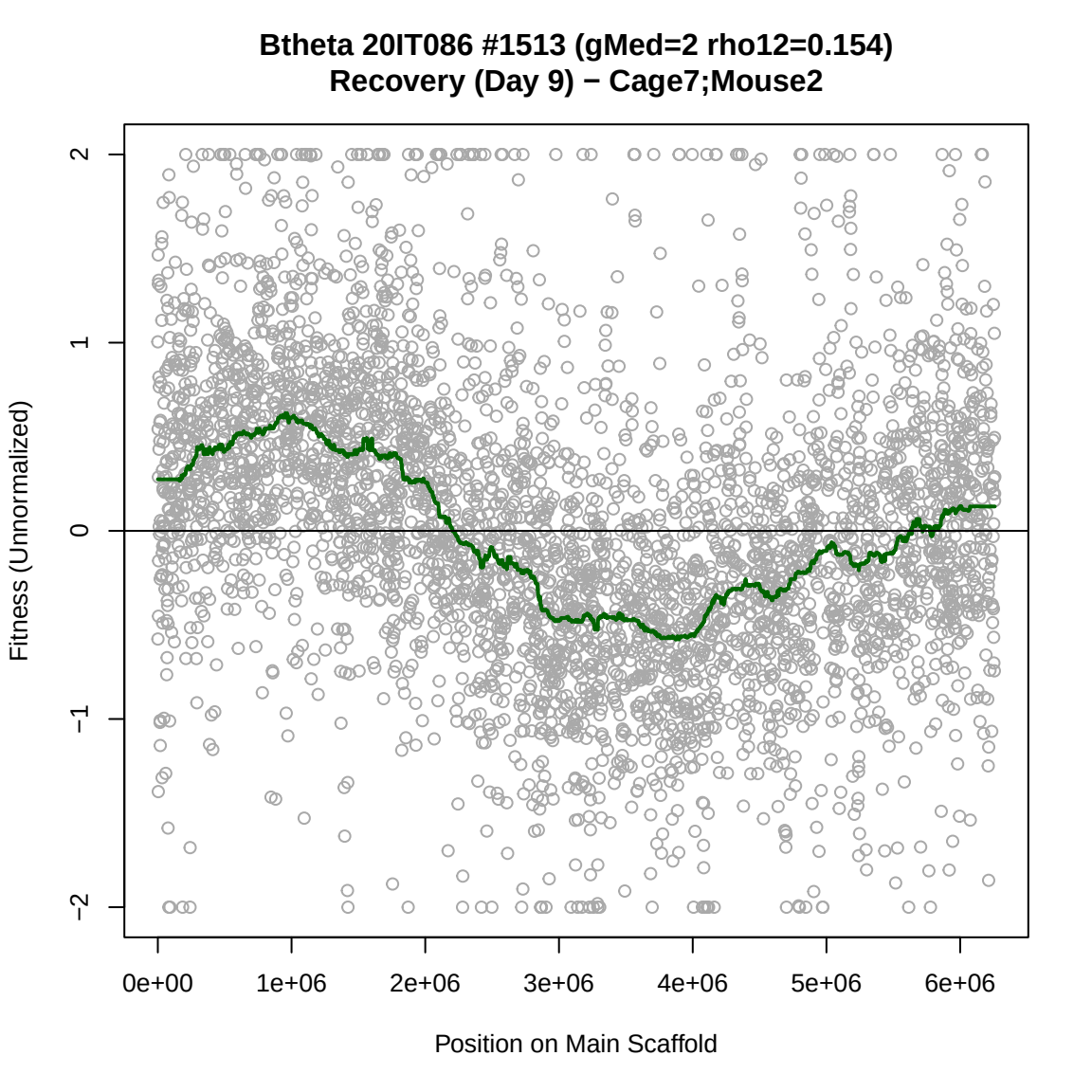

Btheta 20IT081 #1508 (gMed=13 rho12=0.151)
Recovery (Day 8) − Cage1;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

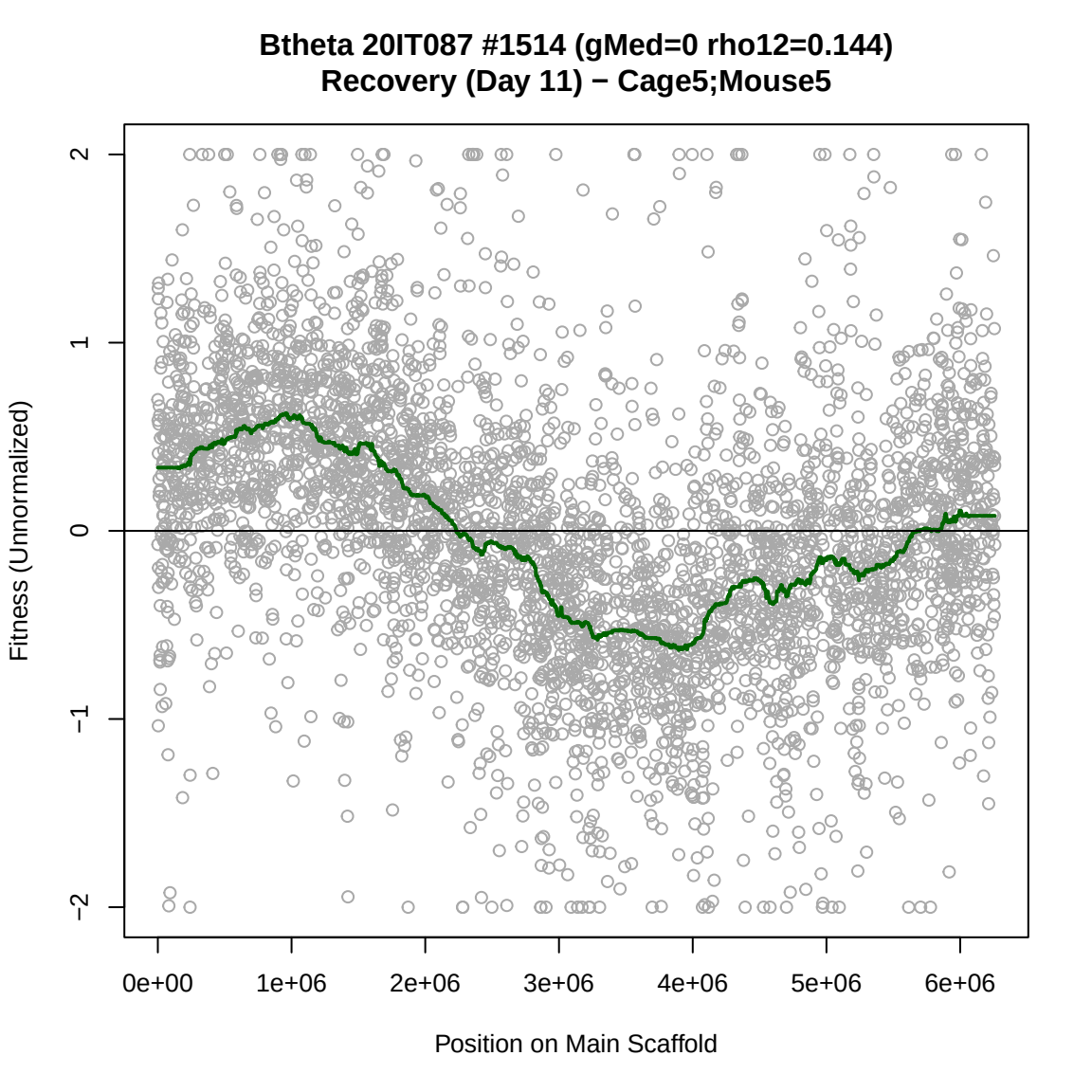

Btheta 20IT082 #1509 (gMed=22 rho12=0.227)
Recovery (Day 8) − Cage4;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

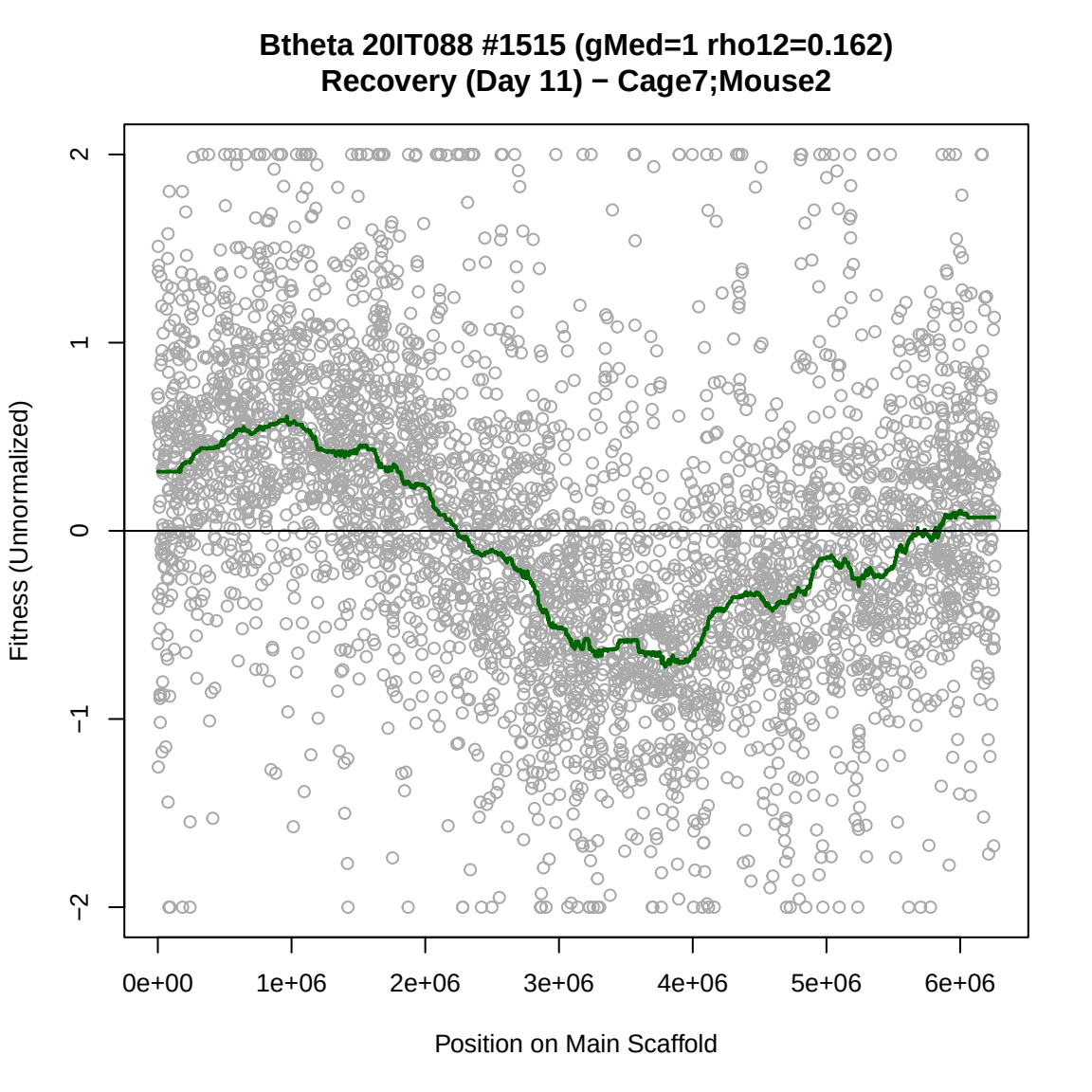

Btheta 20IT083 #1510 (gMed=1 rho12=0.175)
Cage − broth control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

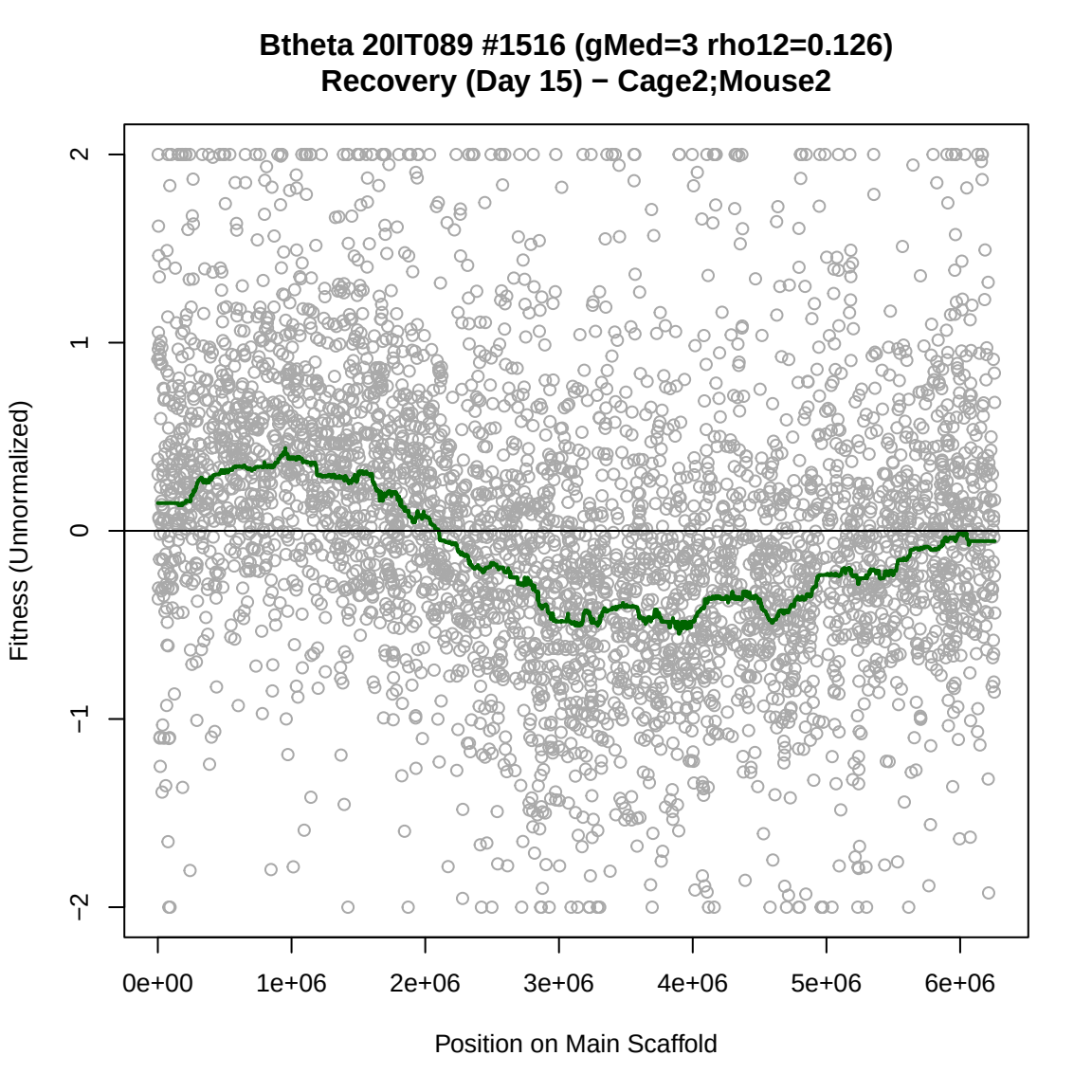

Btheta 20IT084 #1511 (gMed=0 rho12=0.154)
Recovery (Day 9) − Cage2;Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

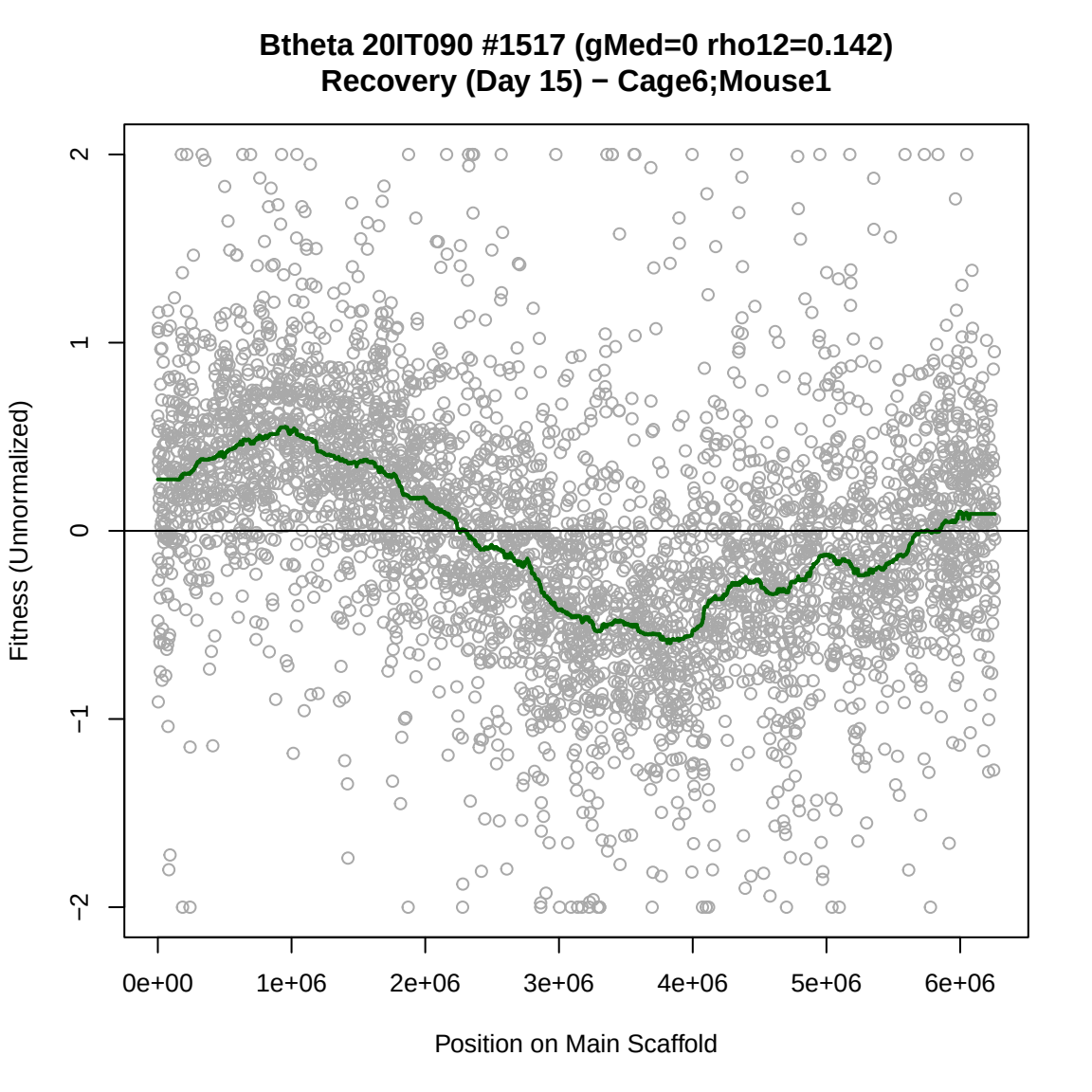

Btheta 20IT085 #1512 (gMed=0 rho12=0.156)
Recovery (Day 9) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

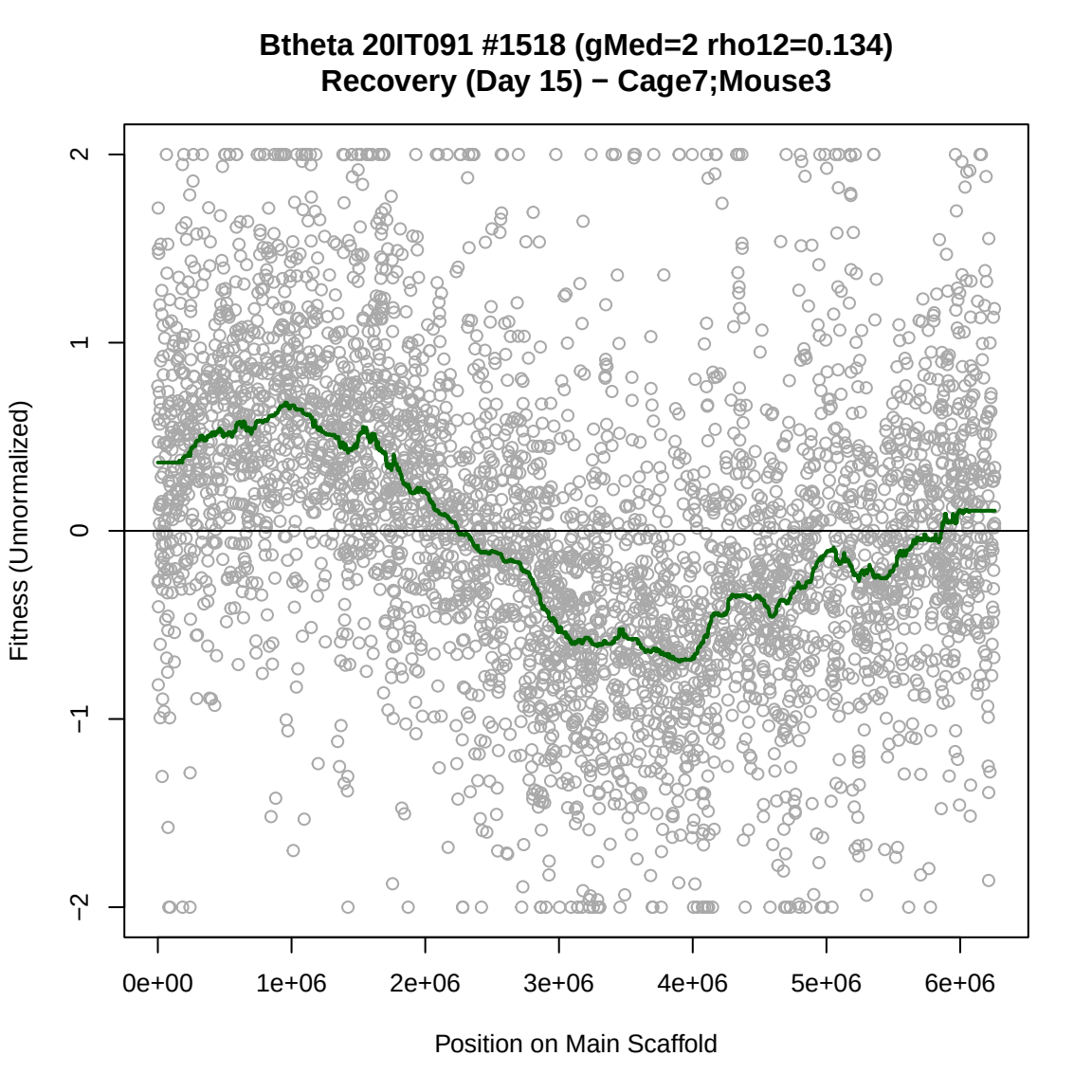

Btheta 20IT086 #1513 (gMed=2 rho12=0.154)
Recovery (Day 9) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

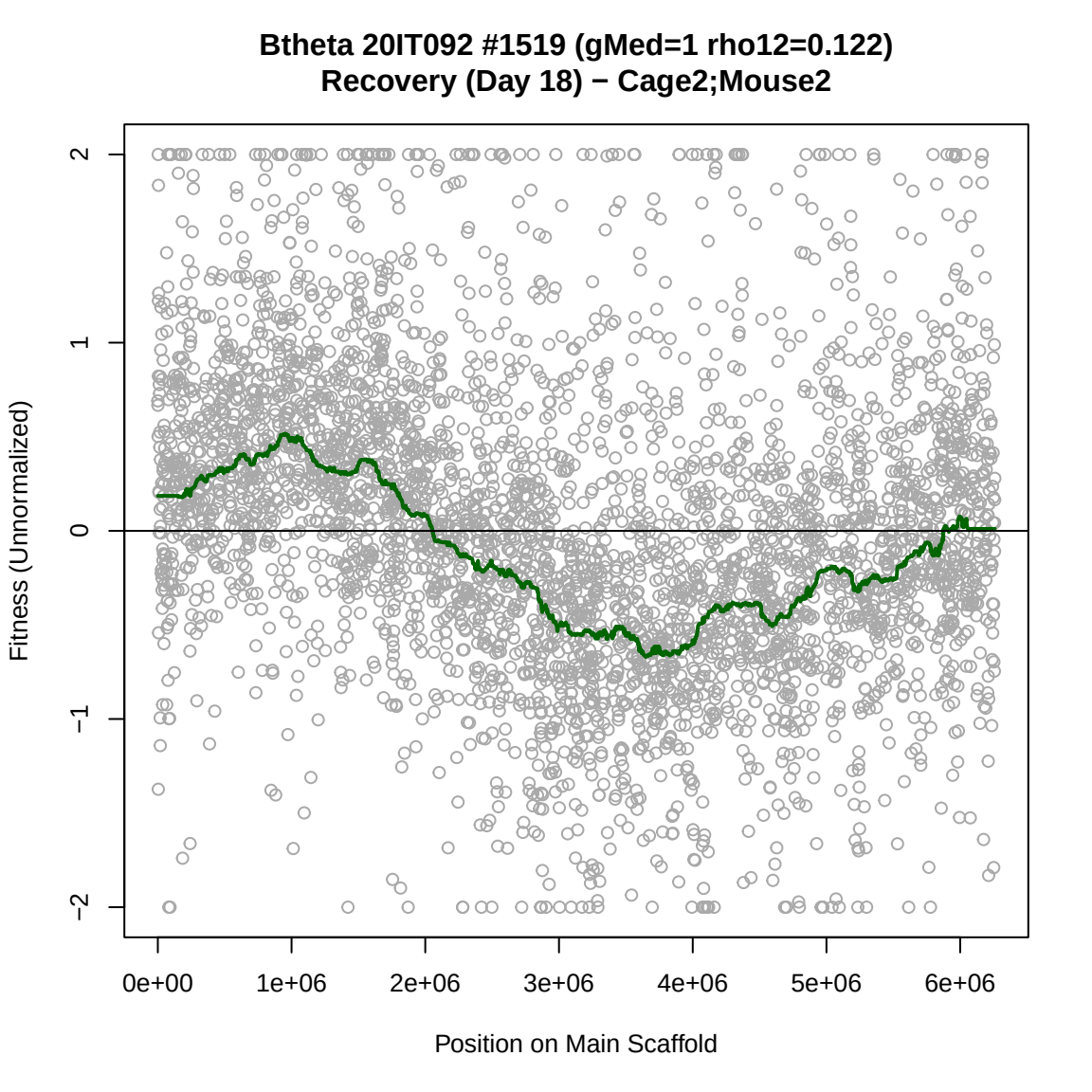

Btheta 20IT087 #1514 (gMed=0 rho12=0.144)
Recovery (Day 11) − Cage5;Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

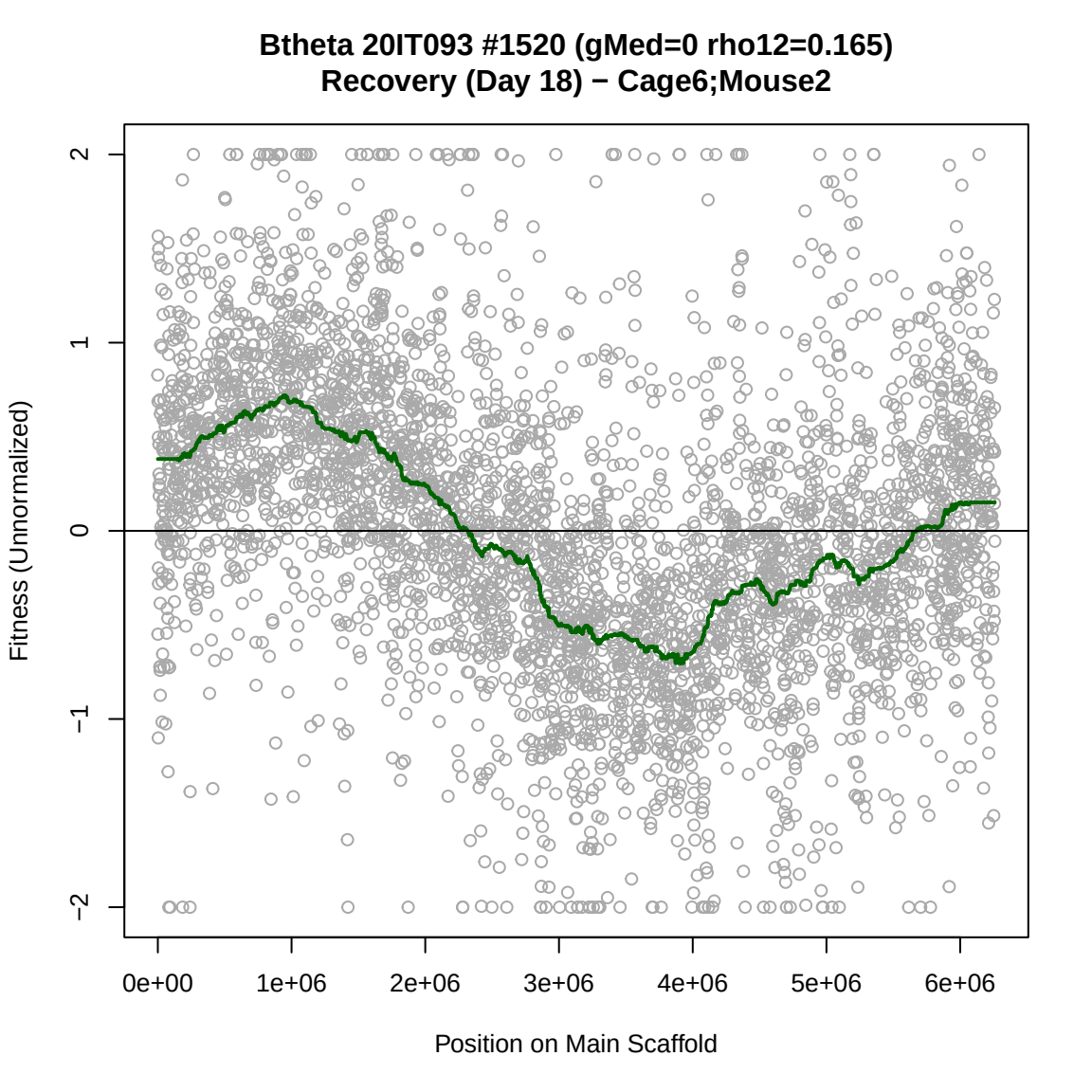

Btheta 20IT088 #1515 (gMed=1 rho12=0.162)
Recovery (Day 11) − Cage7;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

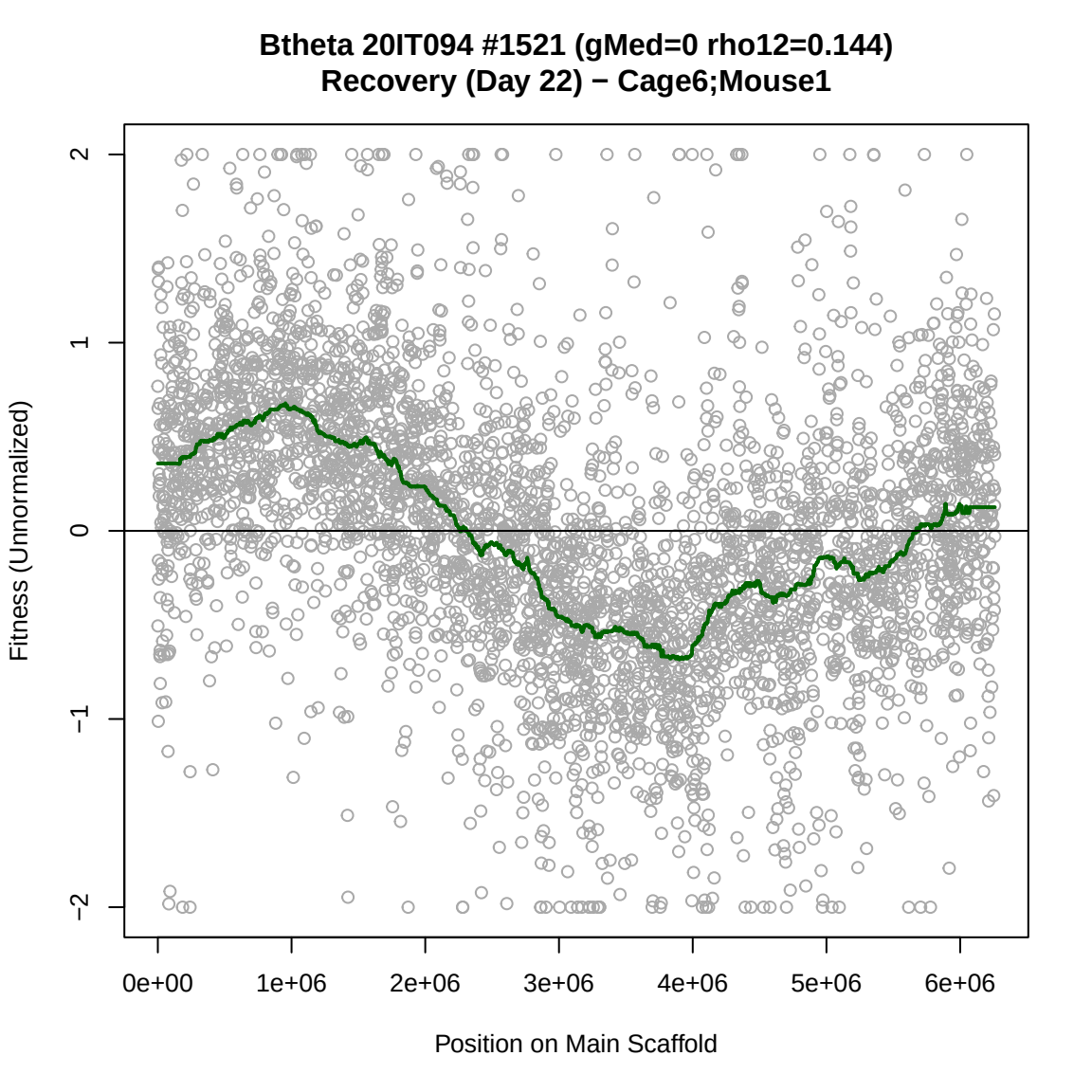

Btheta 20IT089 #1516 (gMed=3 rho12=0.126)
Recovery (Day 15) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

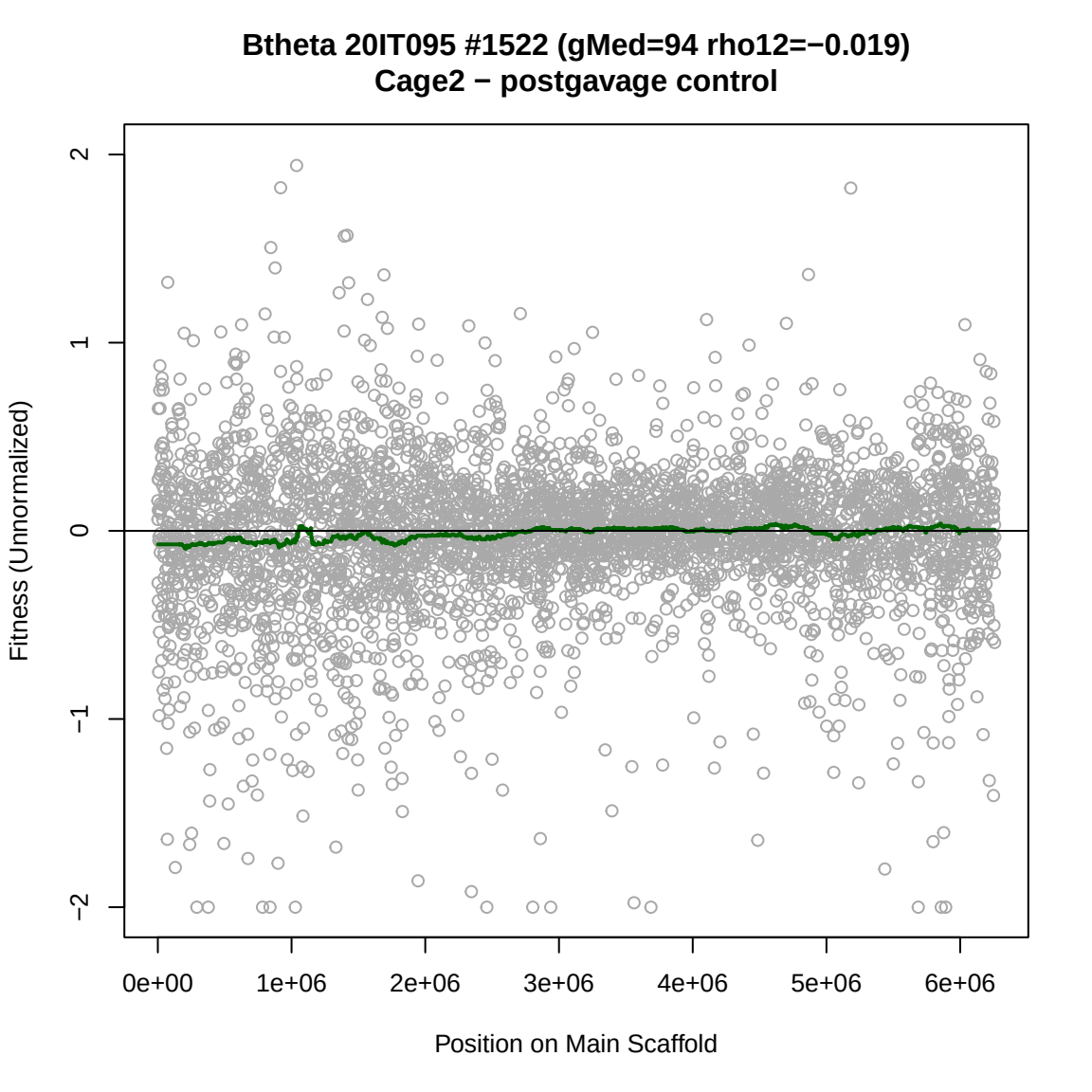

Btheta 20IT090 #1517 (gMed=0 rho12=0.142)
Recovery (Day 15) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

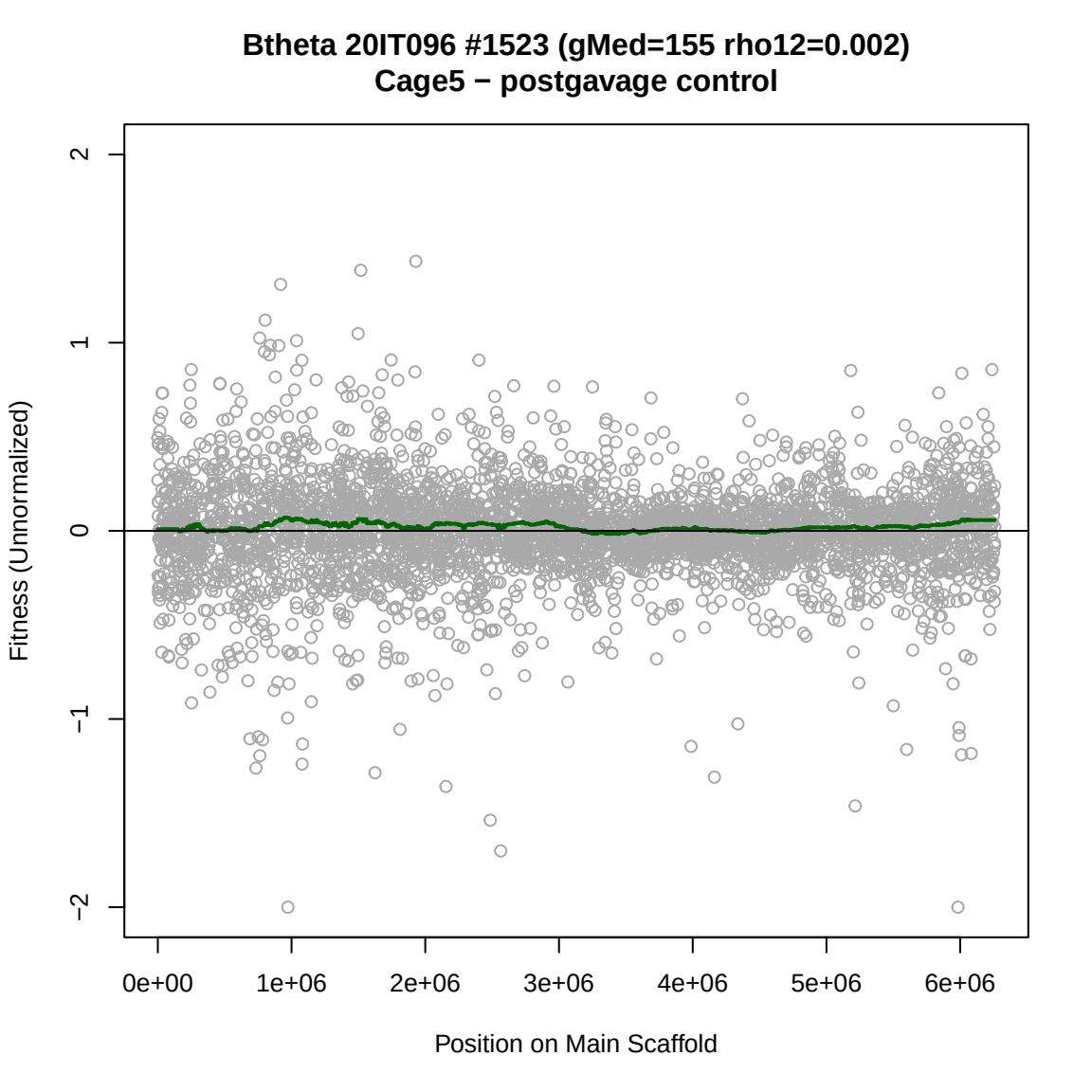

Btheta 20IT091 #1518 (gMed=2 rho12=0.134)
Recovery (Day 15) − Cage7;Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

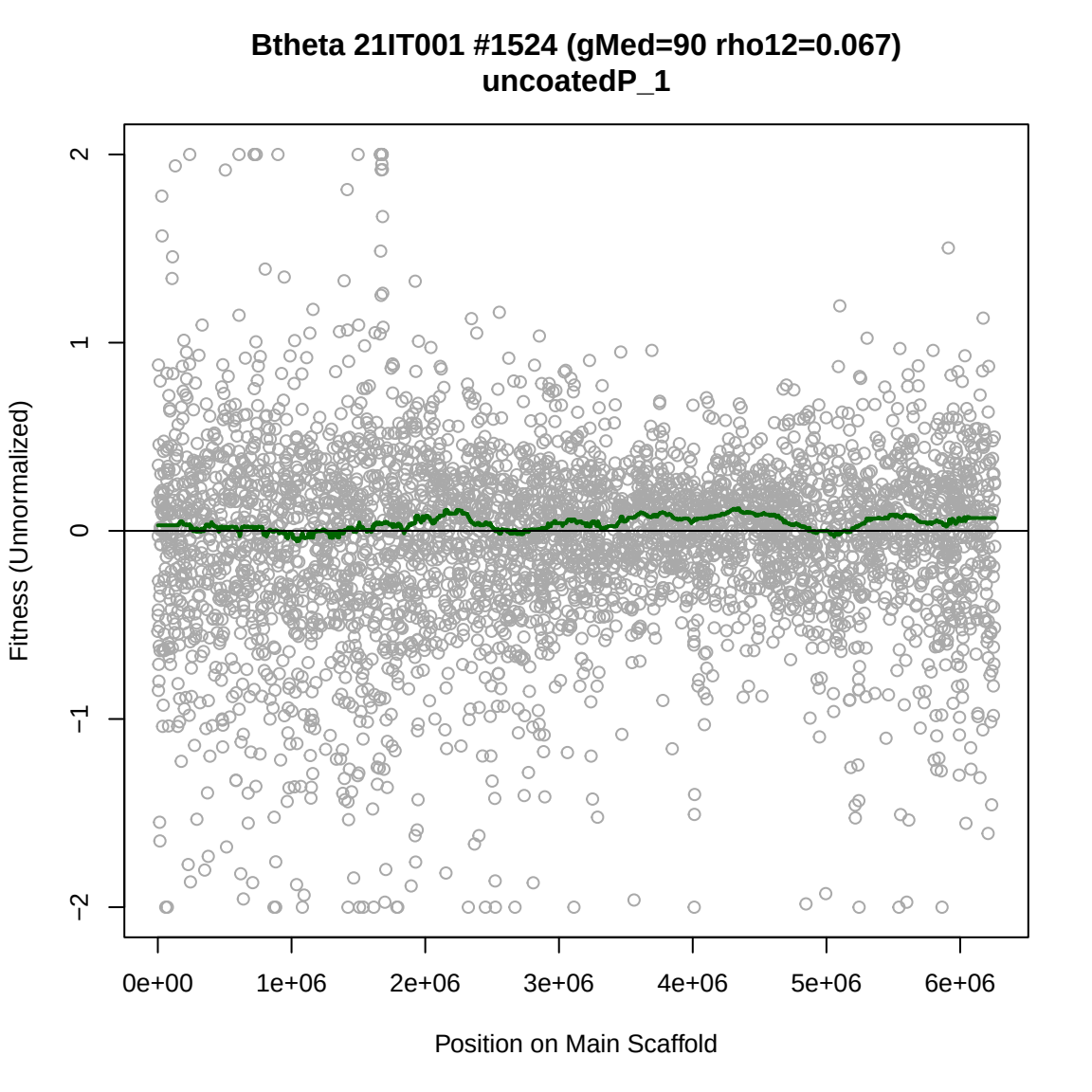

Btheta 20IT092 #1519 (gMed=1 rho12=0.122)
Recovery (Day 18) − Cage2;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

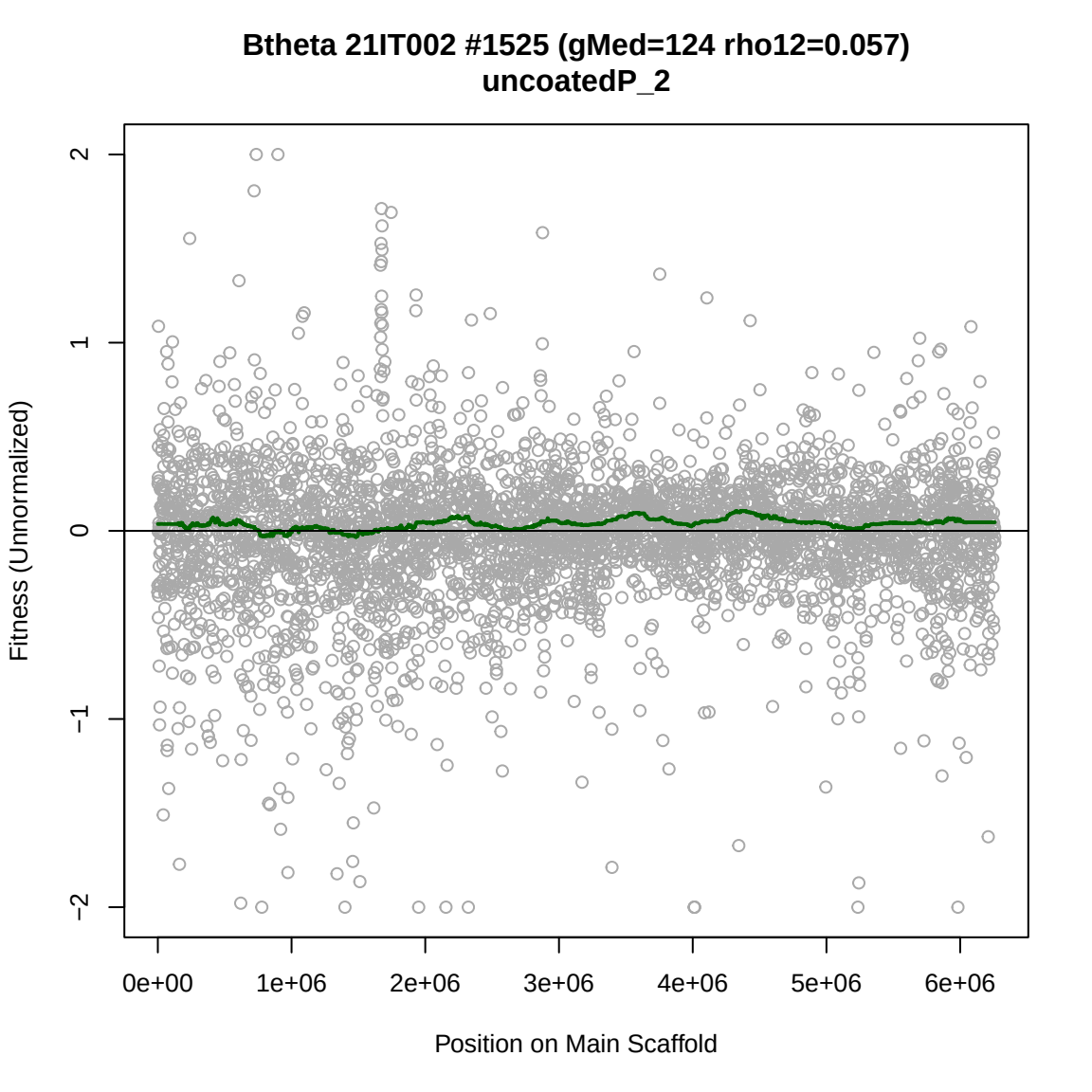

Btheta 20IT093 #1520 (gMed=0 rho12=0.165)
Recovery (Day 18) − Cage6;Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

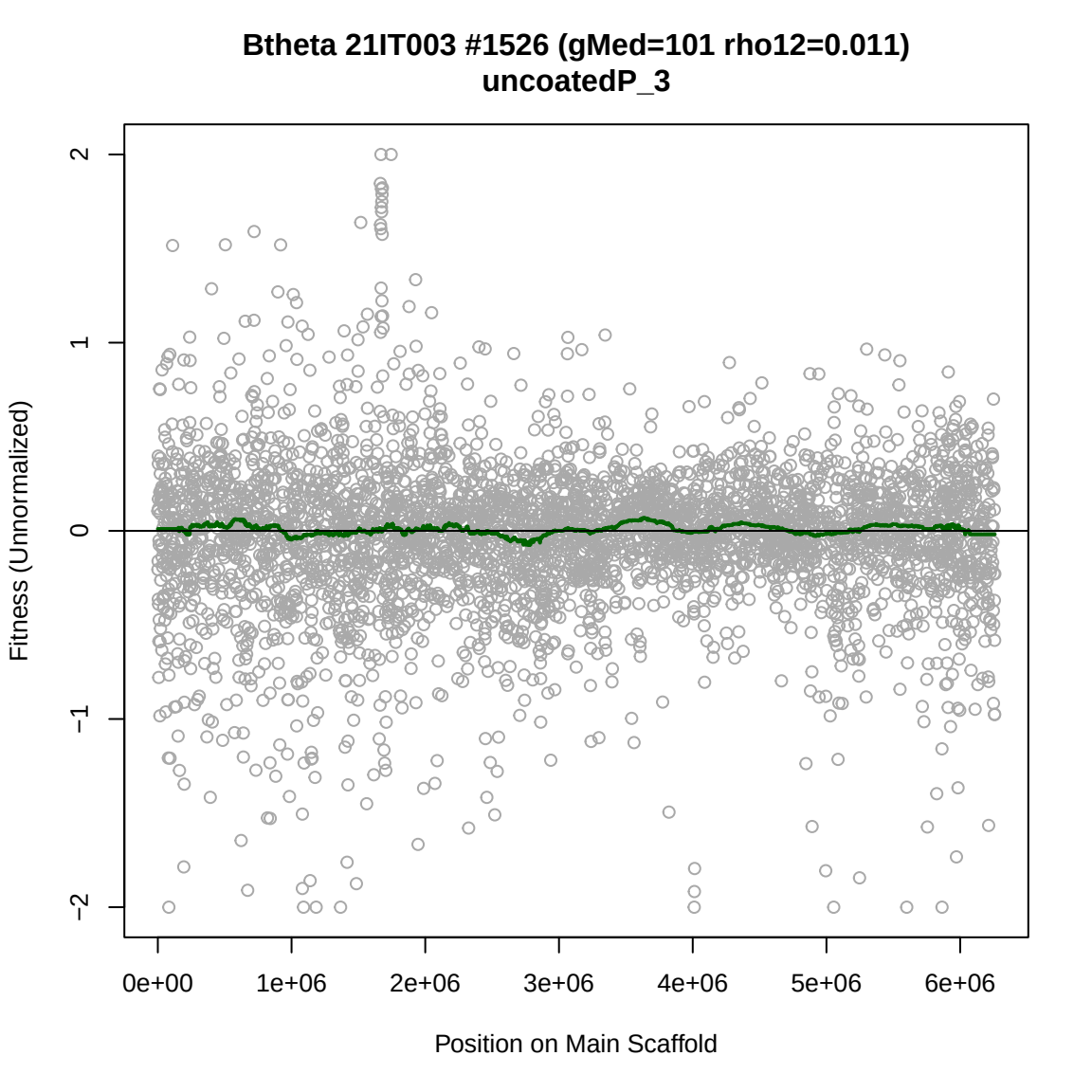

Btheta 20IT094 #1521 (gMed=0 rho12=0.144)
Recovery (Day 22) − Cage6;Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

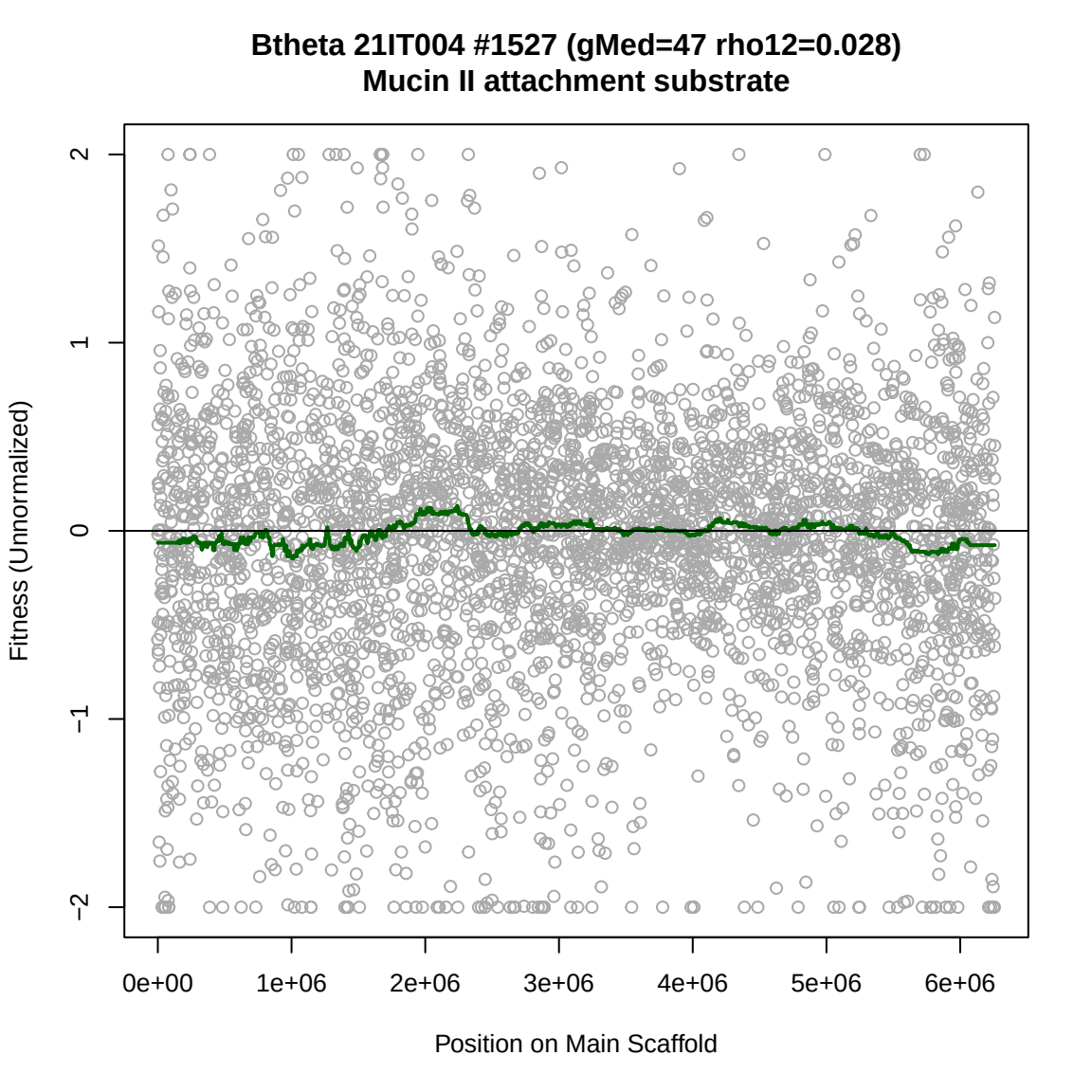

Btheta 20IT095 #1522 (gMed=94 rho12=−0.019)
Cage2 − postgavage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

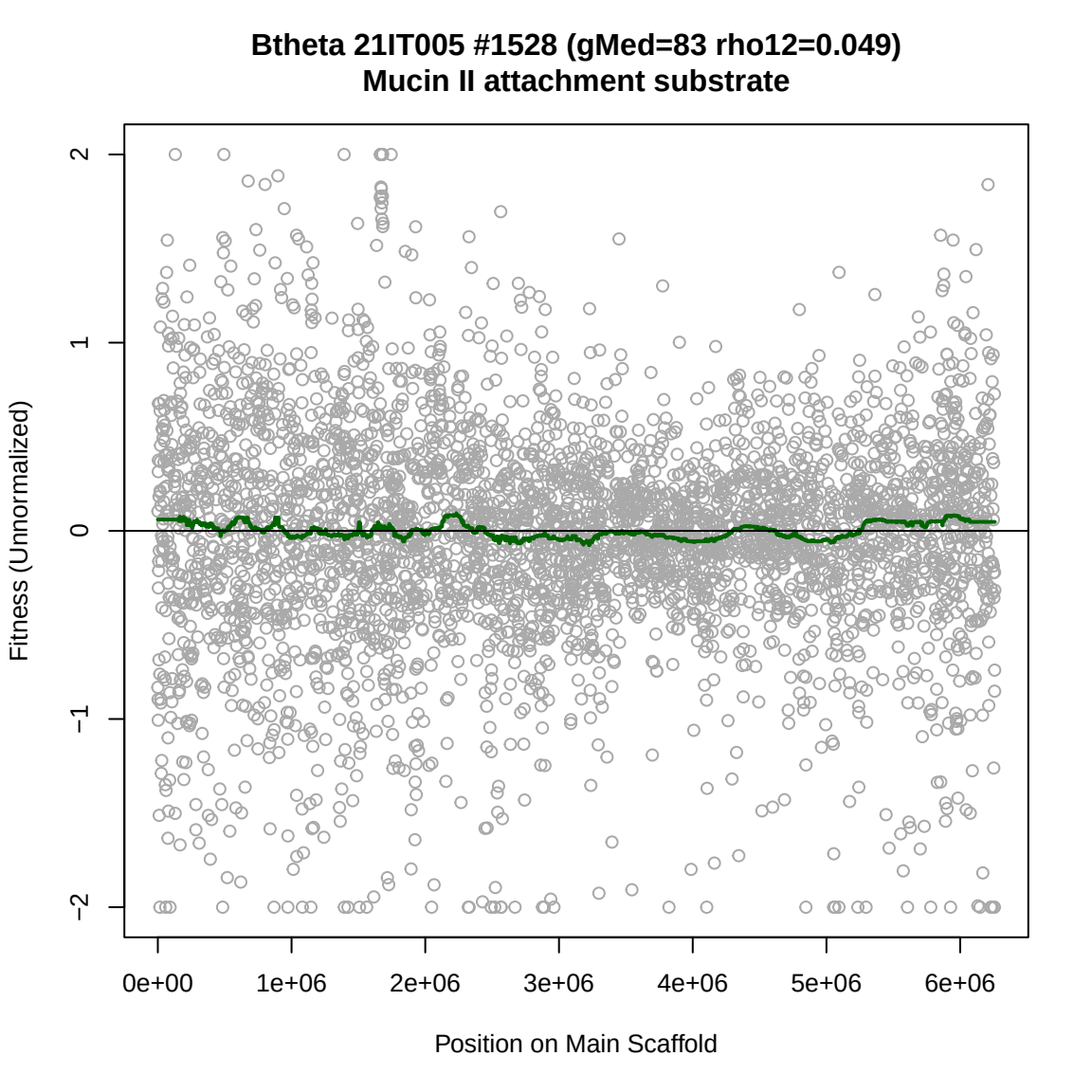

Btheta 20IT096 #1523 (gMed=155 rho12=0.002)
Cage5 − postgavage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

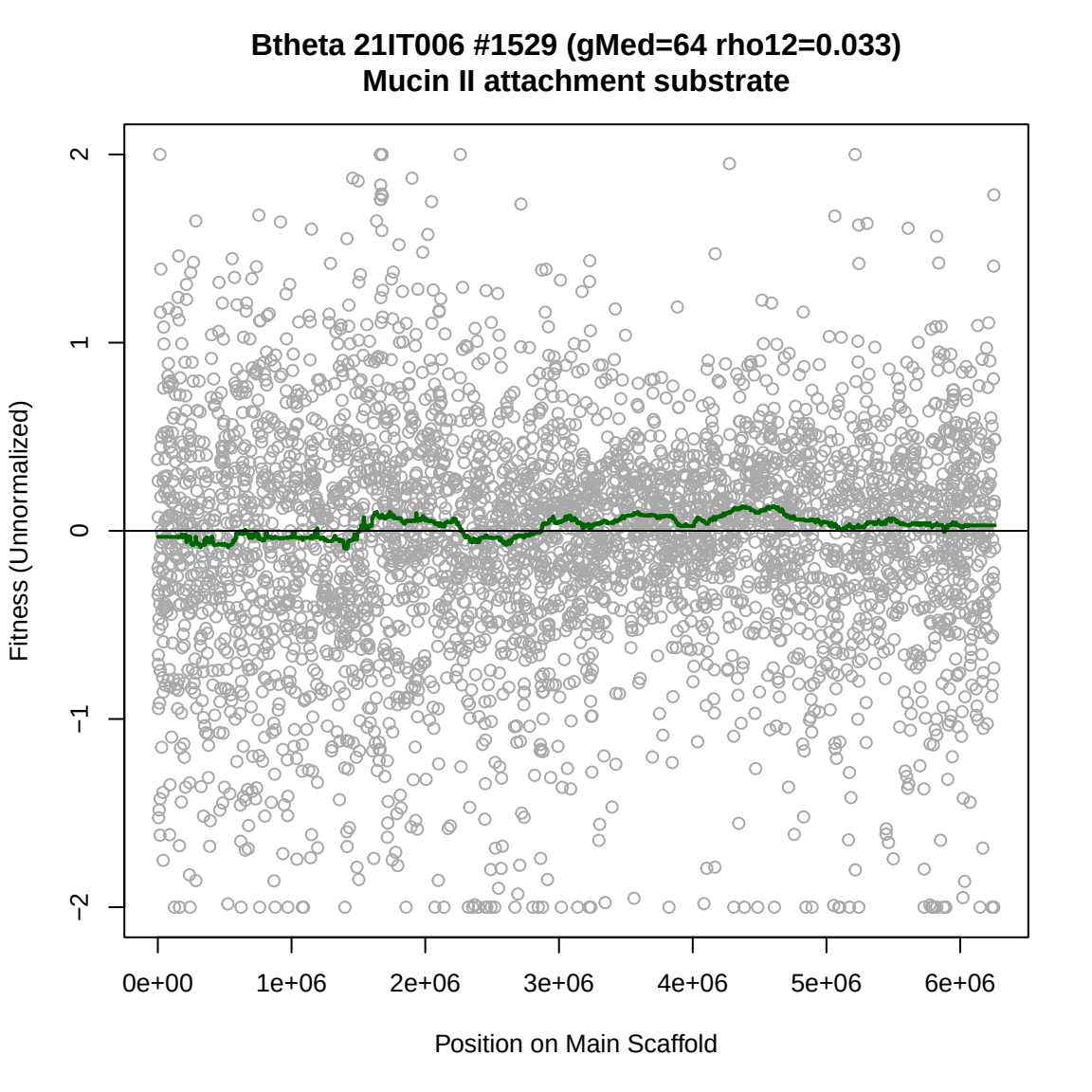

Btheta 21IT001 #1524 (gMed=90 rho12=0.067)
uncoatedP_1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

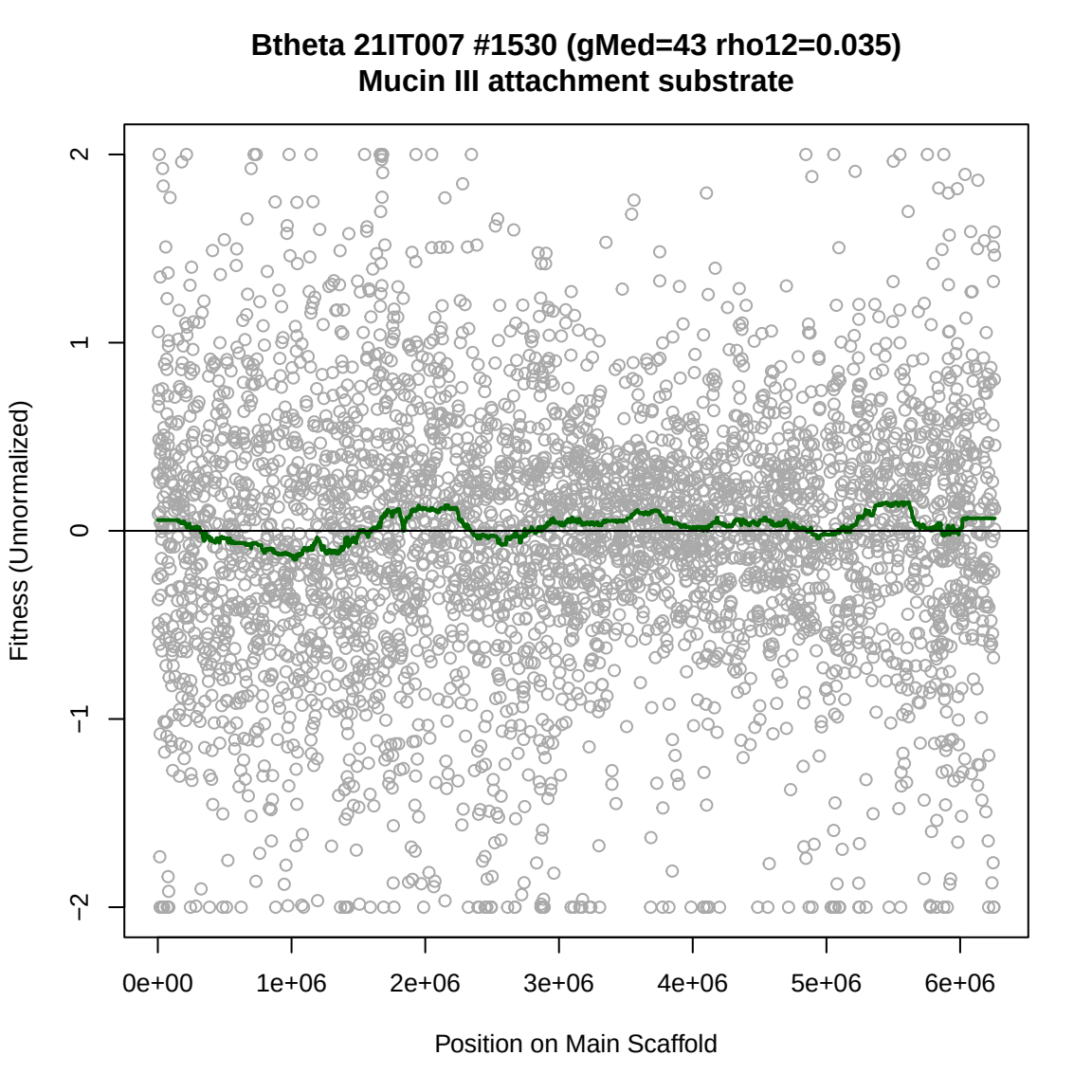

Btheta 21IT002 #1525 (gMed=124 rho12=0.057)
uncoatedP_2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

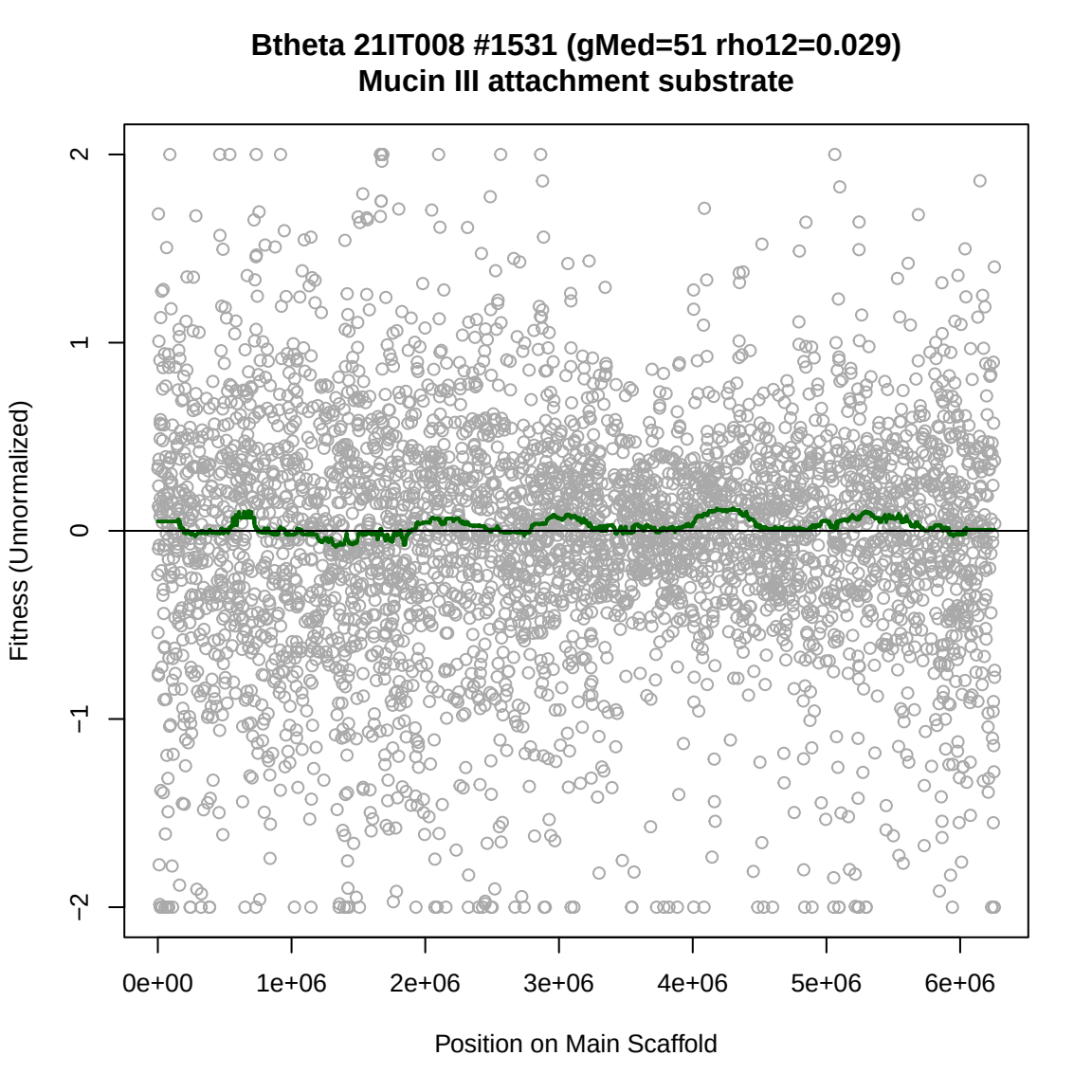

Btheta 21IT003 #1526 (gMed=101 rho12=0.011)
uncoatedP_3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

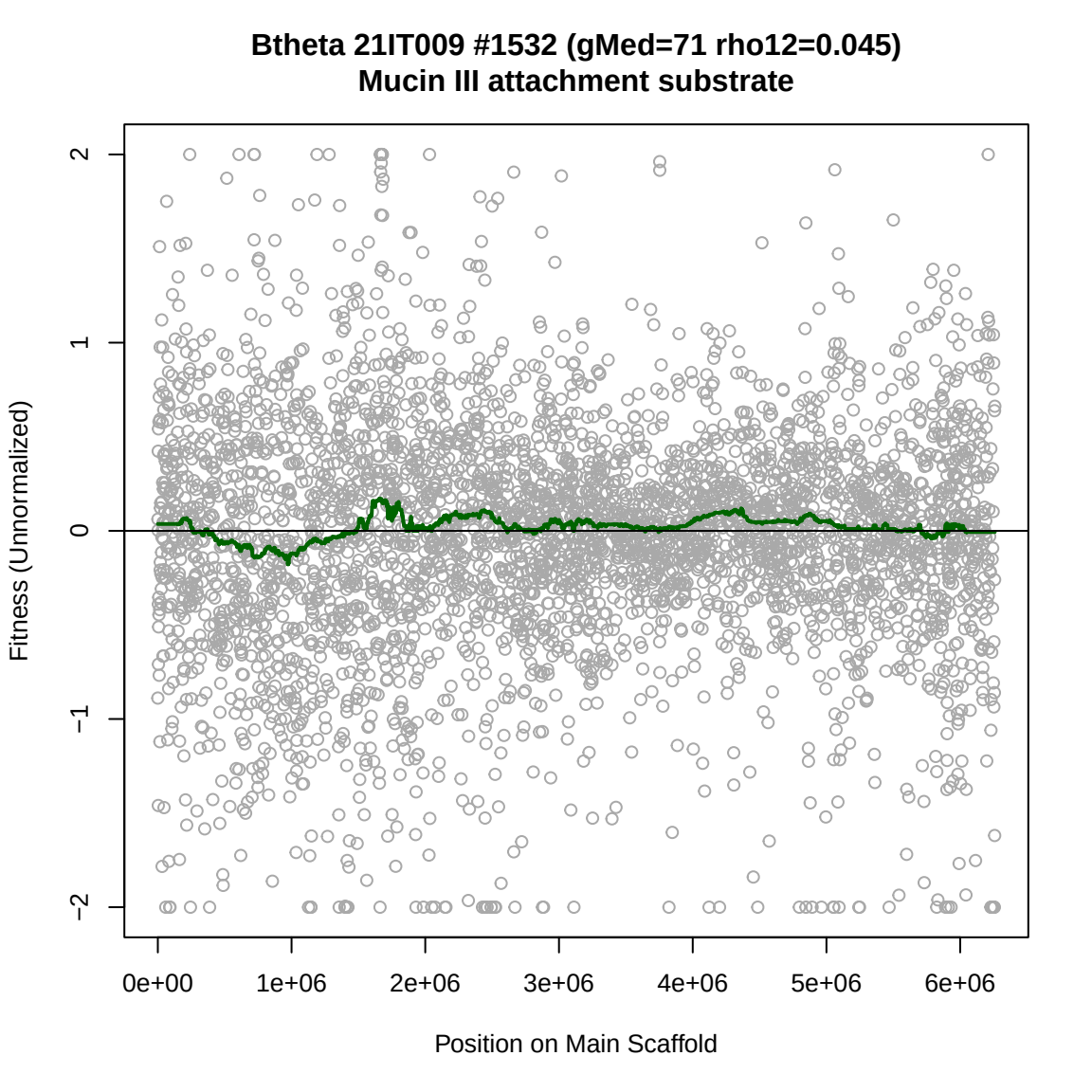

Btheta 21IT004 #1527 (gMed=47 rho12=0.028)
Mucin II attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

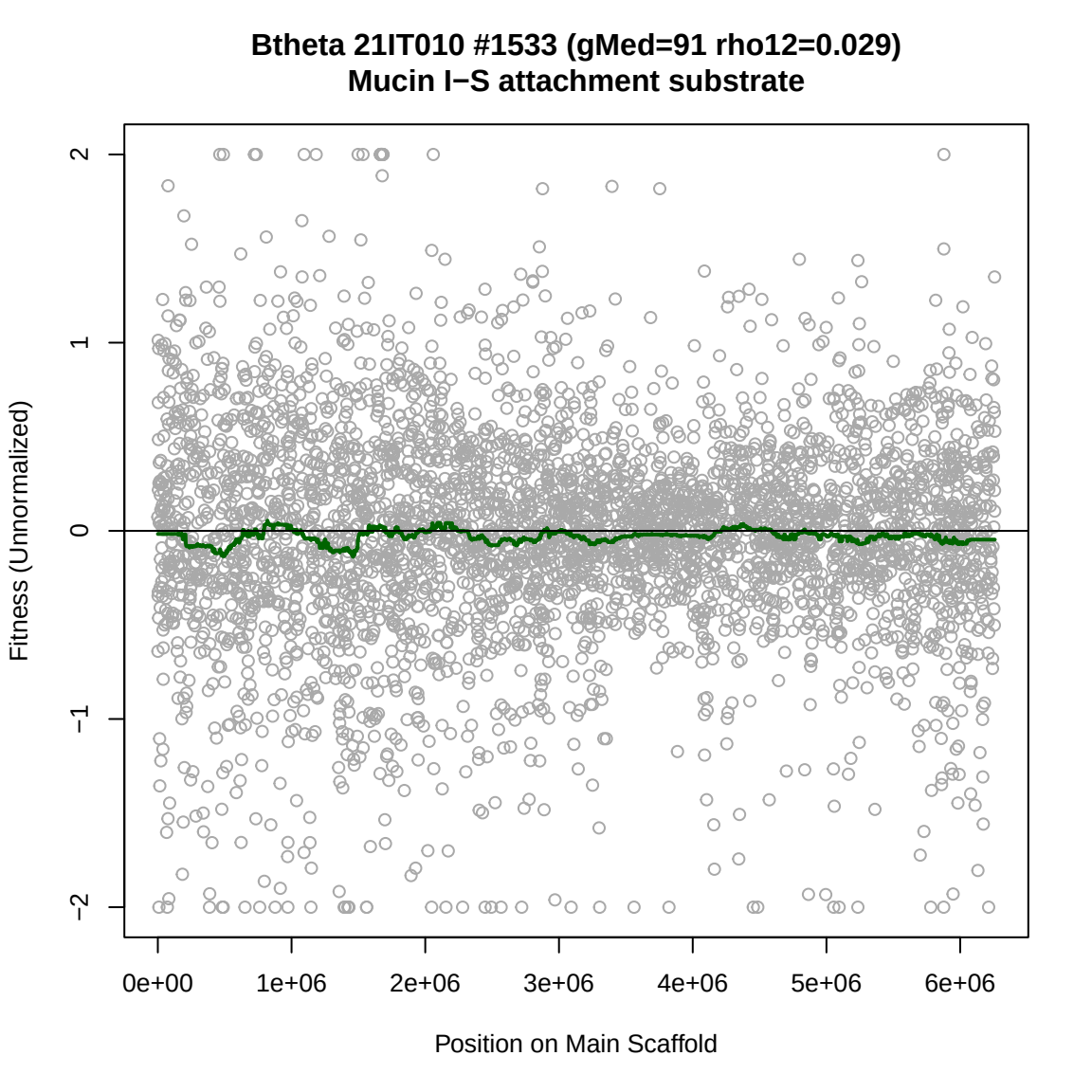

Btheta 21IT005 #1528 (gMed=83 rho12=0.049)
Mucin II attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

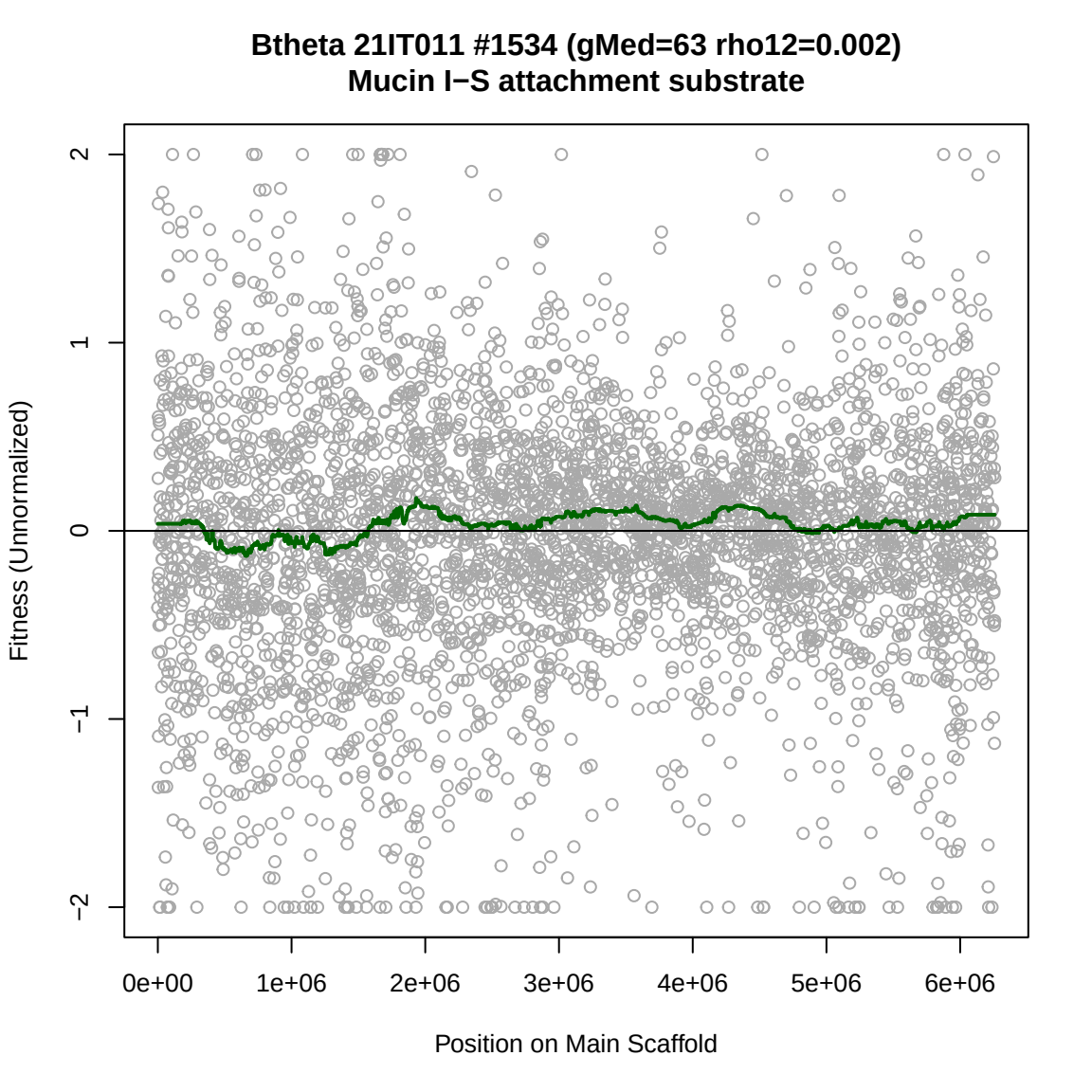

Btheta 21IT006 #1529 (gMed=64 rho12=0.033)
Mucin II attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

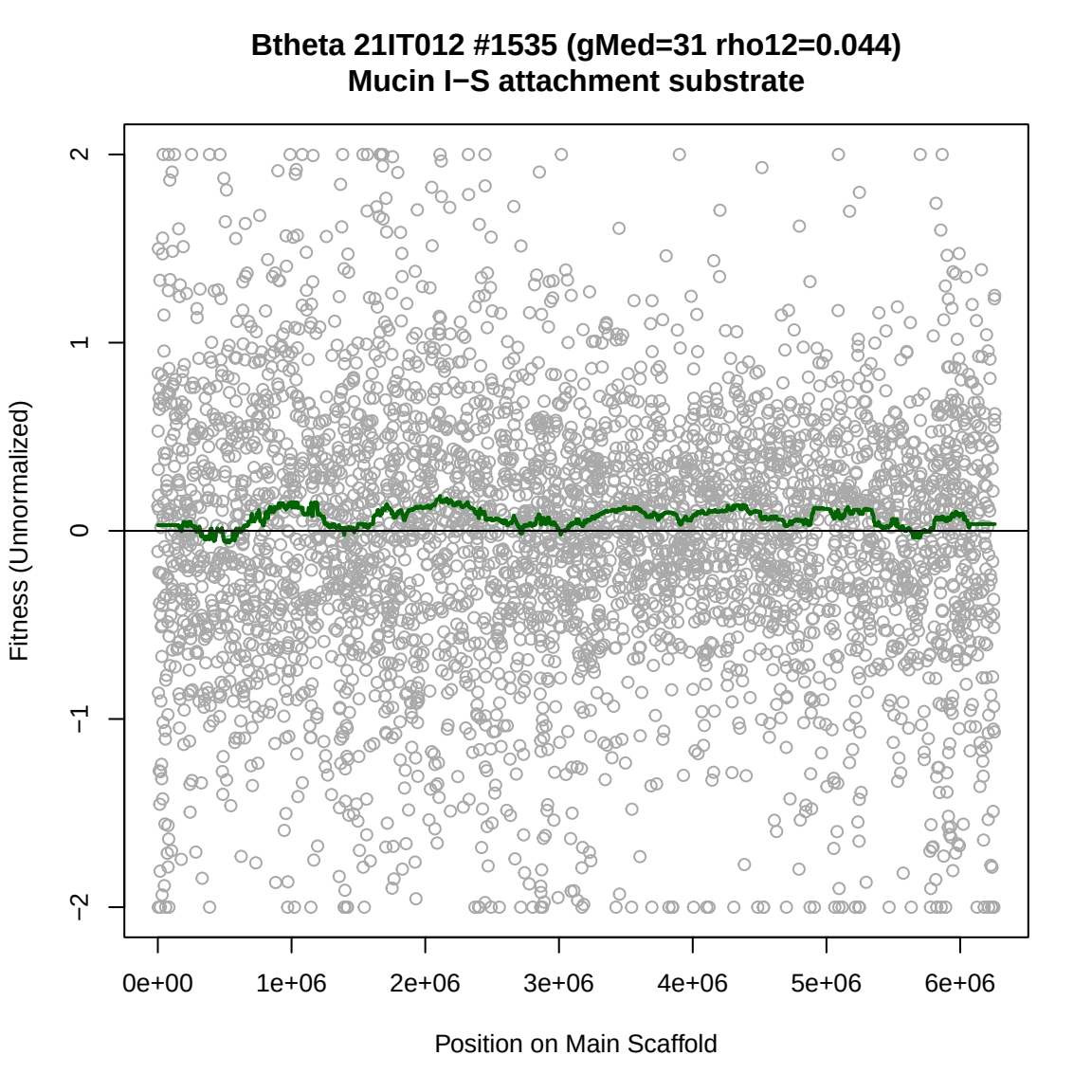

Btheta 21IT007 #1530 (gMed=43 rho12=0.035)
Mucin III attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

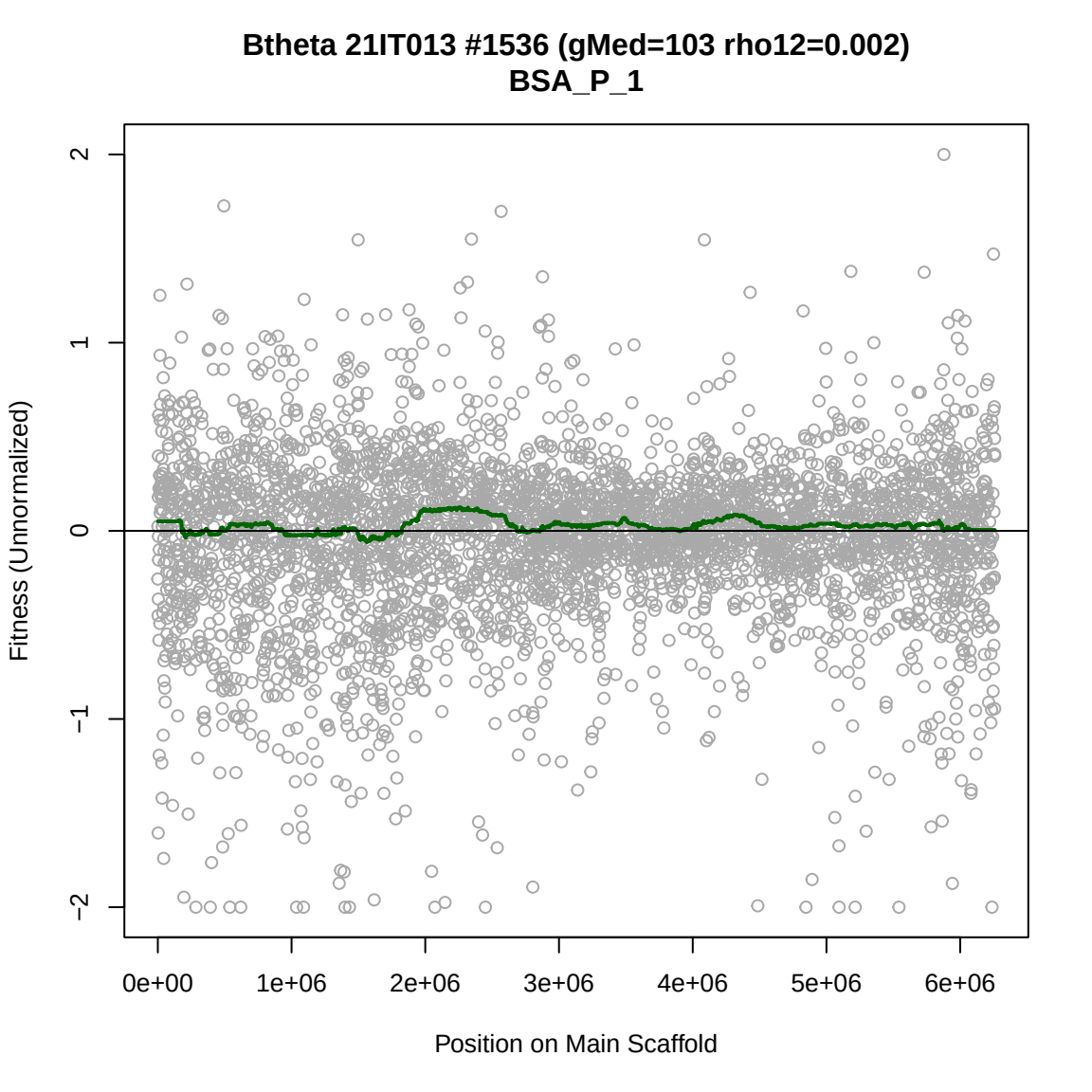

Btheta 21IT008 #1531 (gMed=51 rho12=0.029)
Mucin III attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

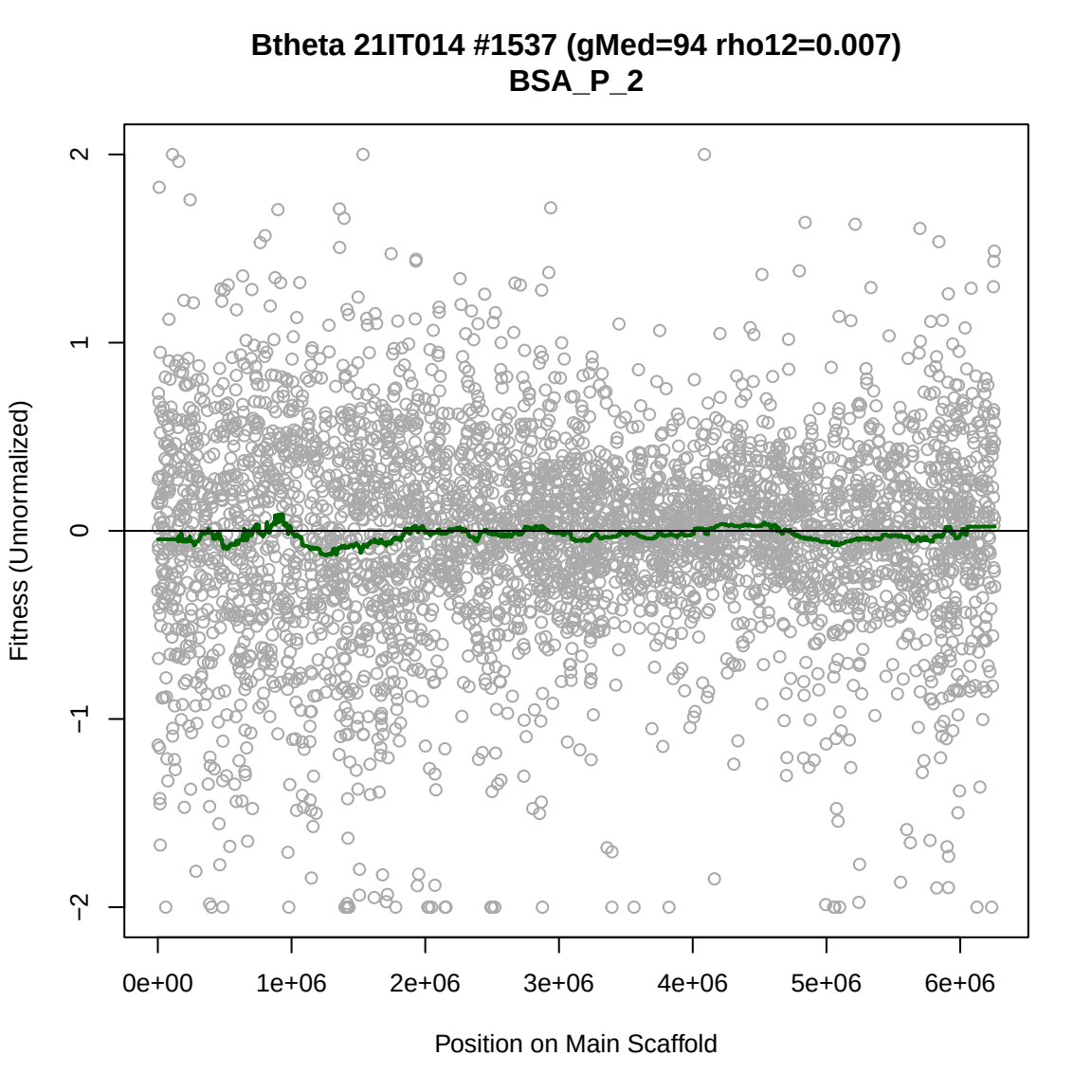

Btheta 21IT009 #1532 (gMed=71 rho12=0.045)
Mucin III attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

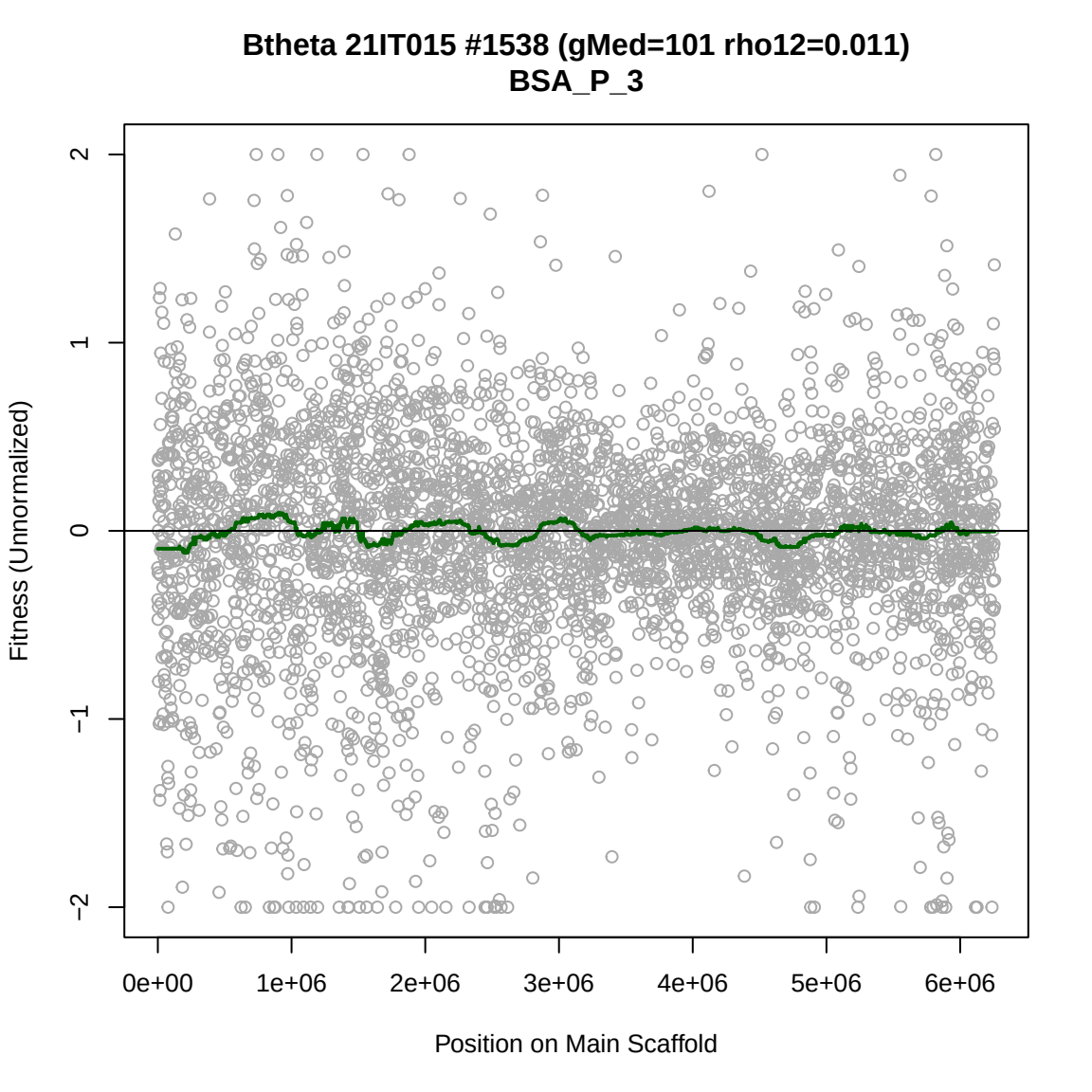

Btheta 21IT010 #1533 (gMed=91 rho12=0.029)
Mucin I−S attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

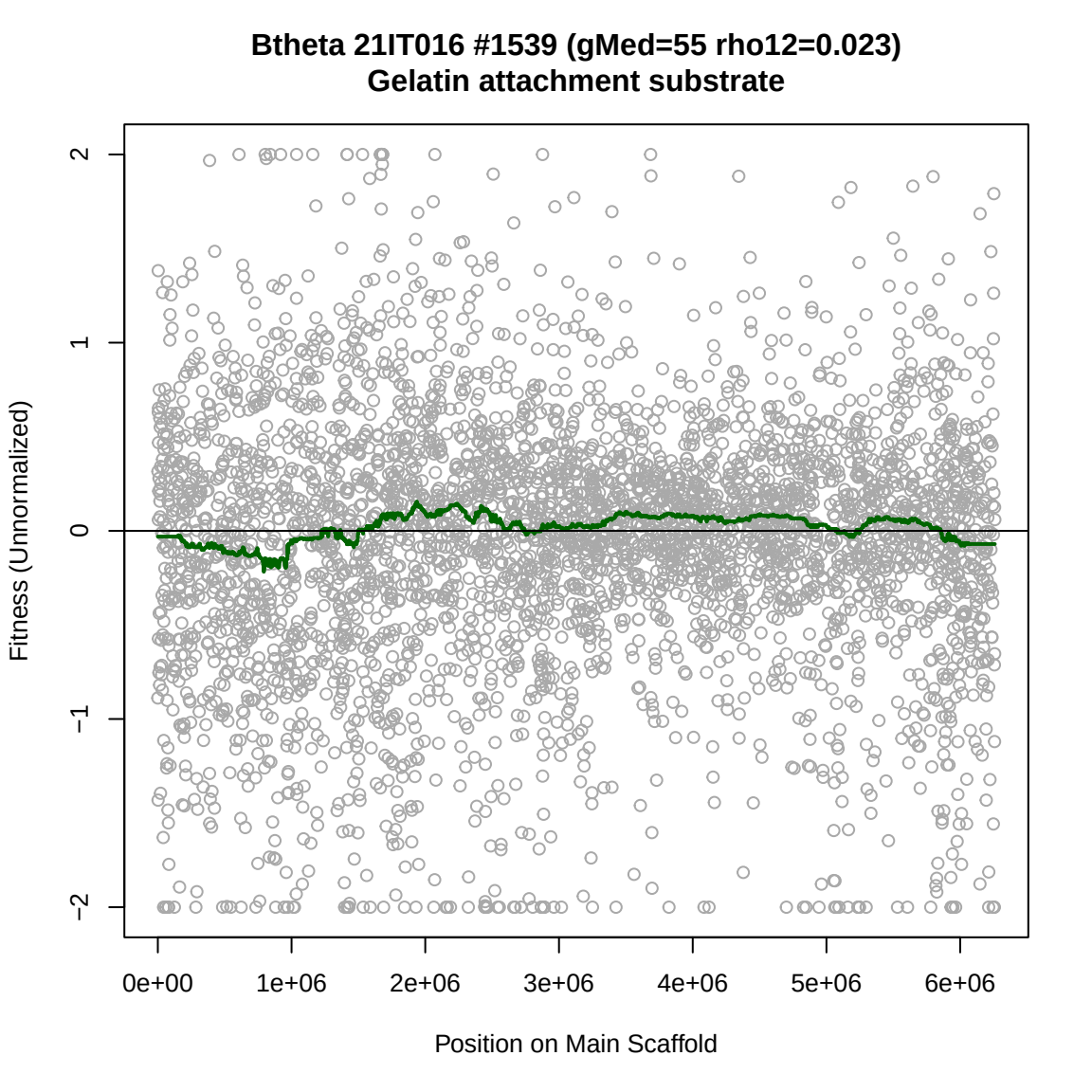

Btheta 21IT011 #1534 (gMed=63 rho12=0.002)
Mucin I−S attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

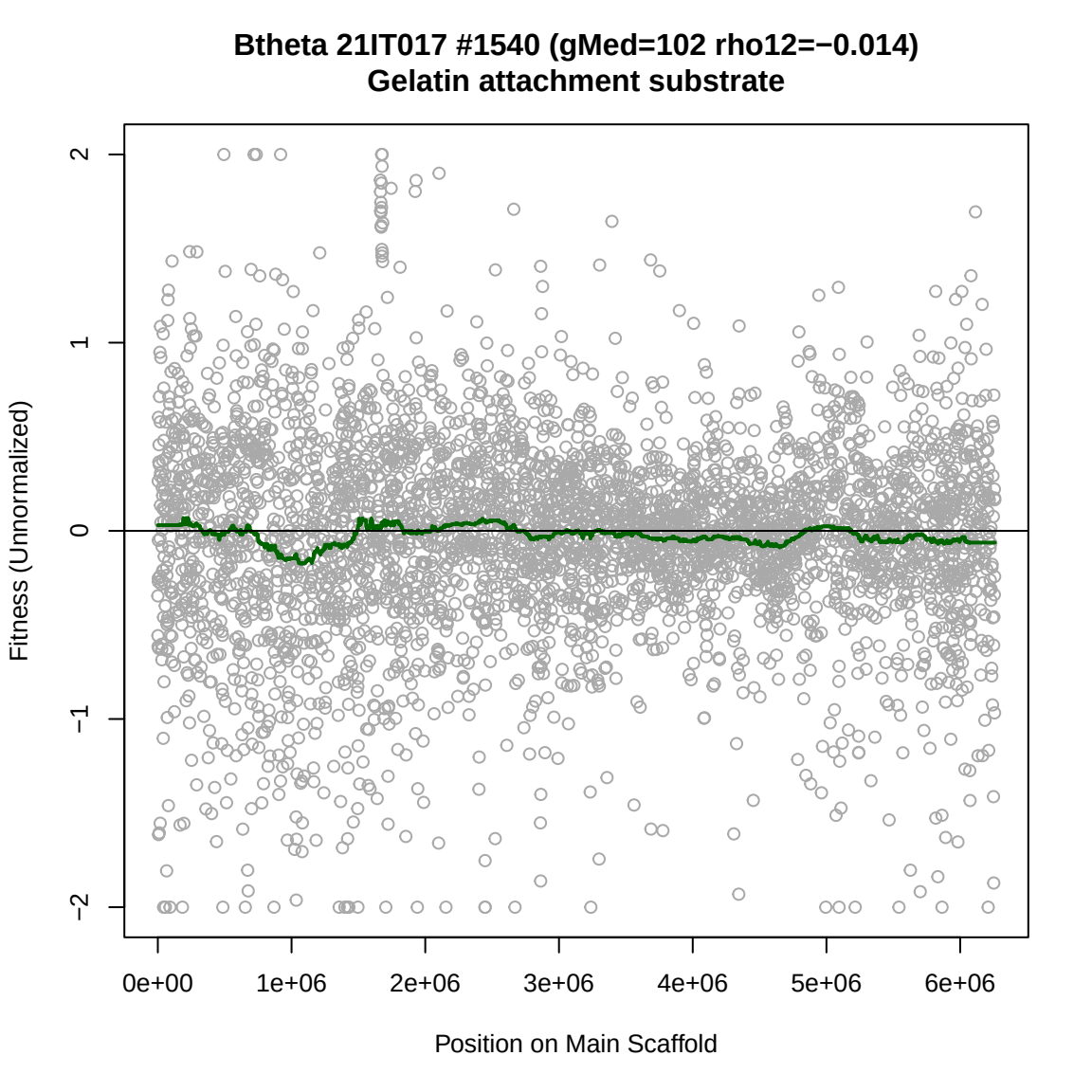

Btheta 21IT012 #1535 (gMed=31 rho12=0.044)
Mucin I−S attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

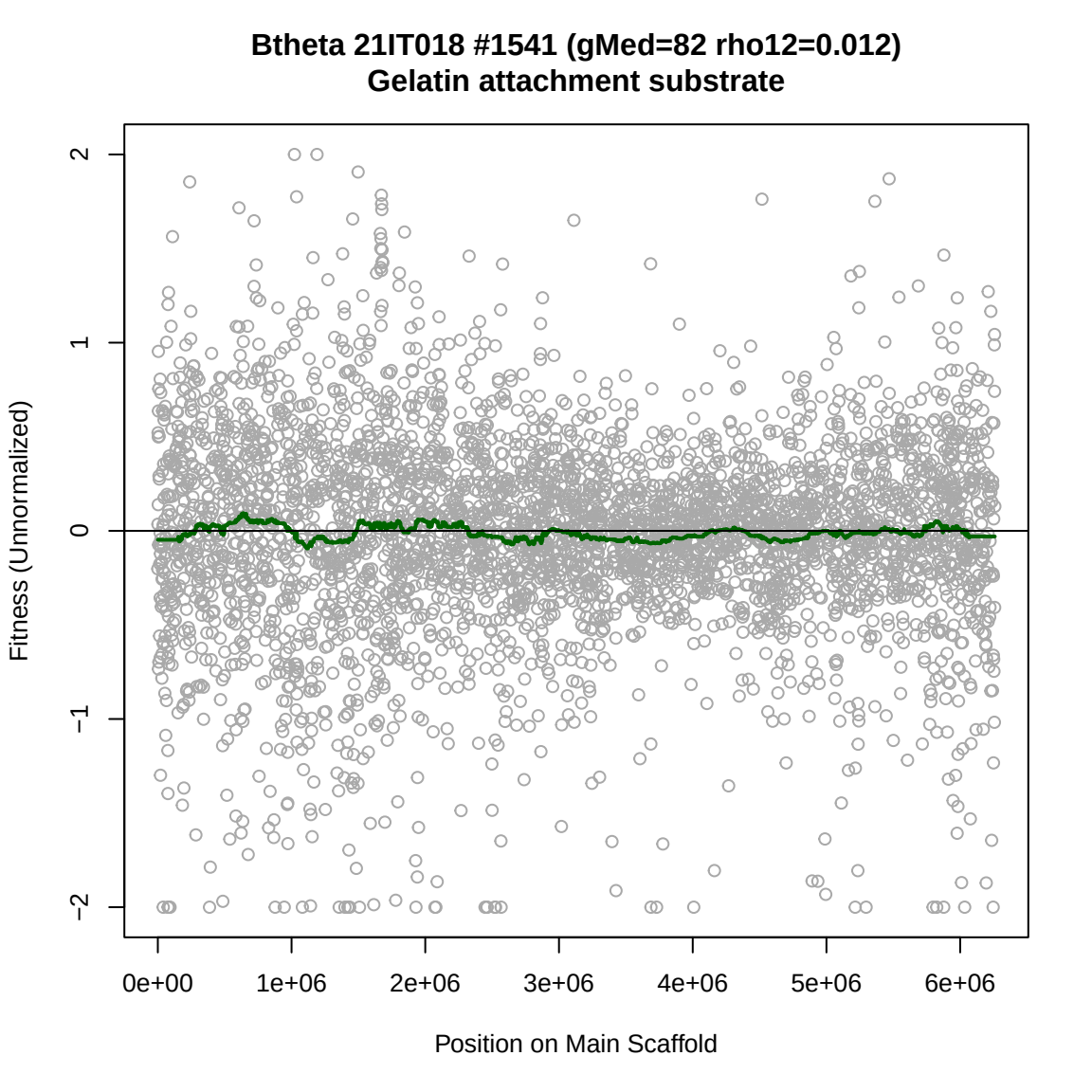

Btheta 21IT013 #1536 (gMed=103 rho12=0.002)
BSA_P_1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

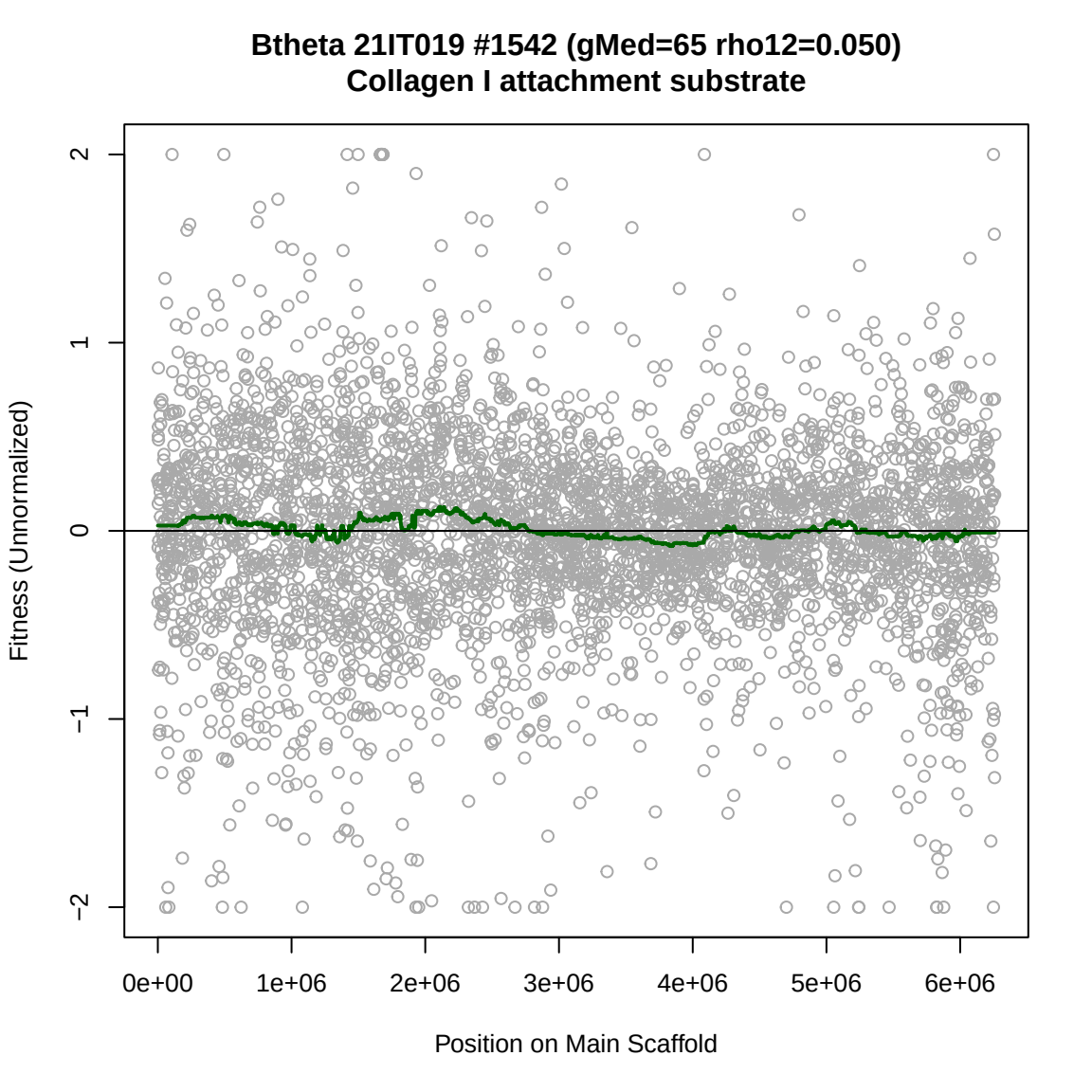

Btheta 21IT014 #1537 (gMed=94 rho12=0.007)
BSA_P_2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

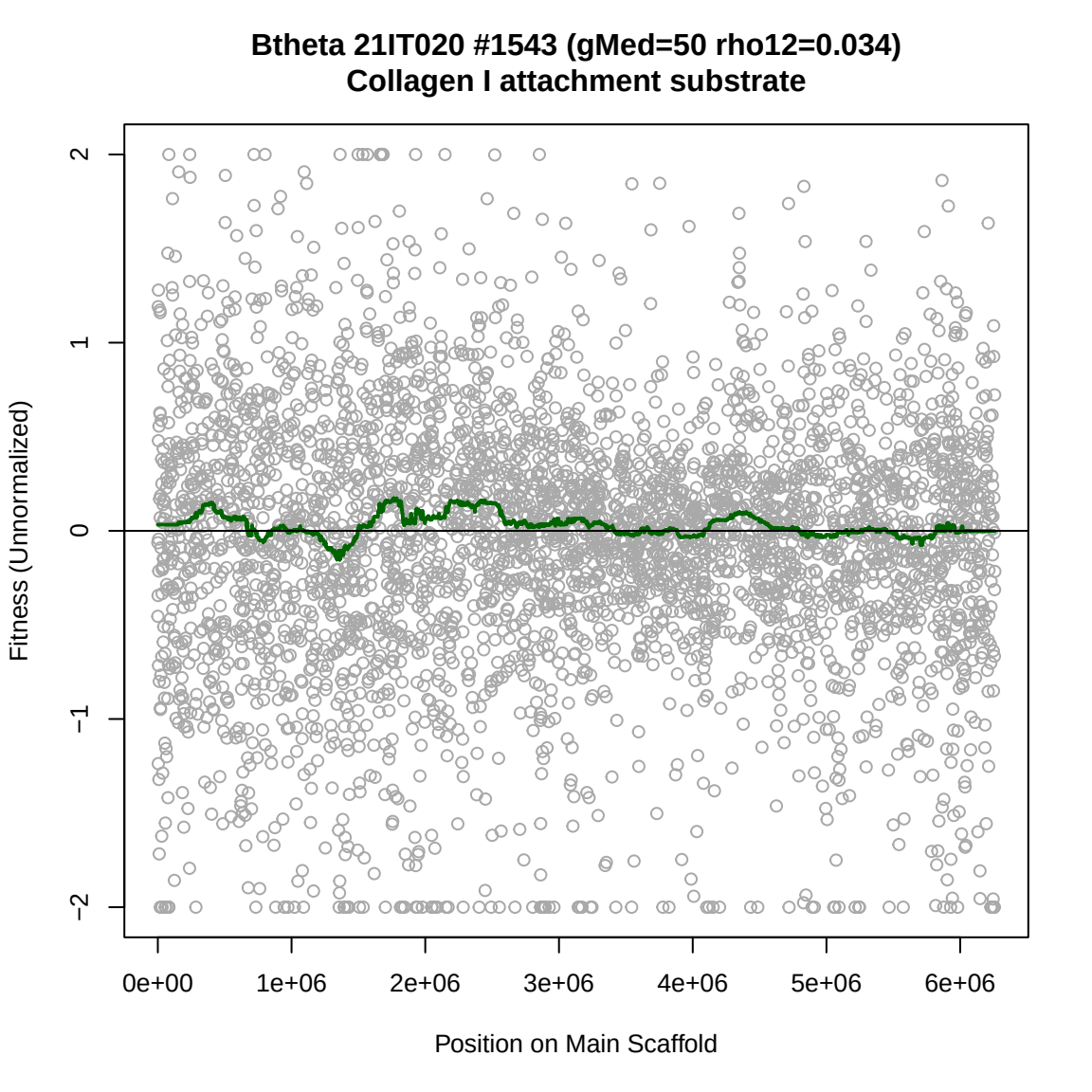

Btheta 21IT015 #1538 (gMed=101 rho12=0.011)
BSA_P_3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

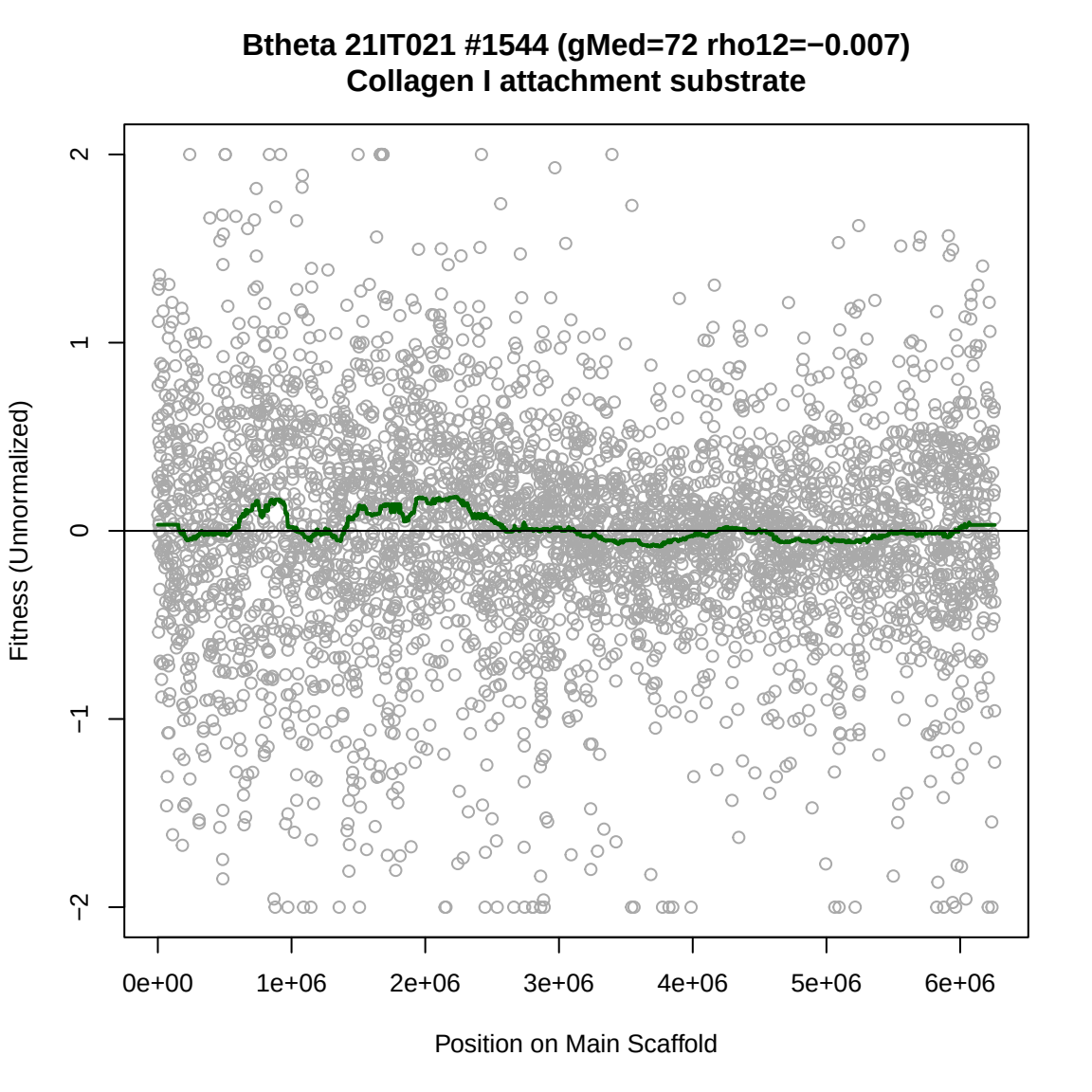

Btheta 21IT016 #1539 (gMed=55 rho12=0.023)
Gelatin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

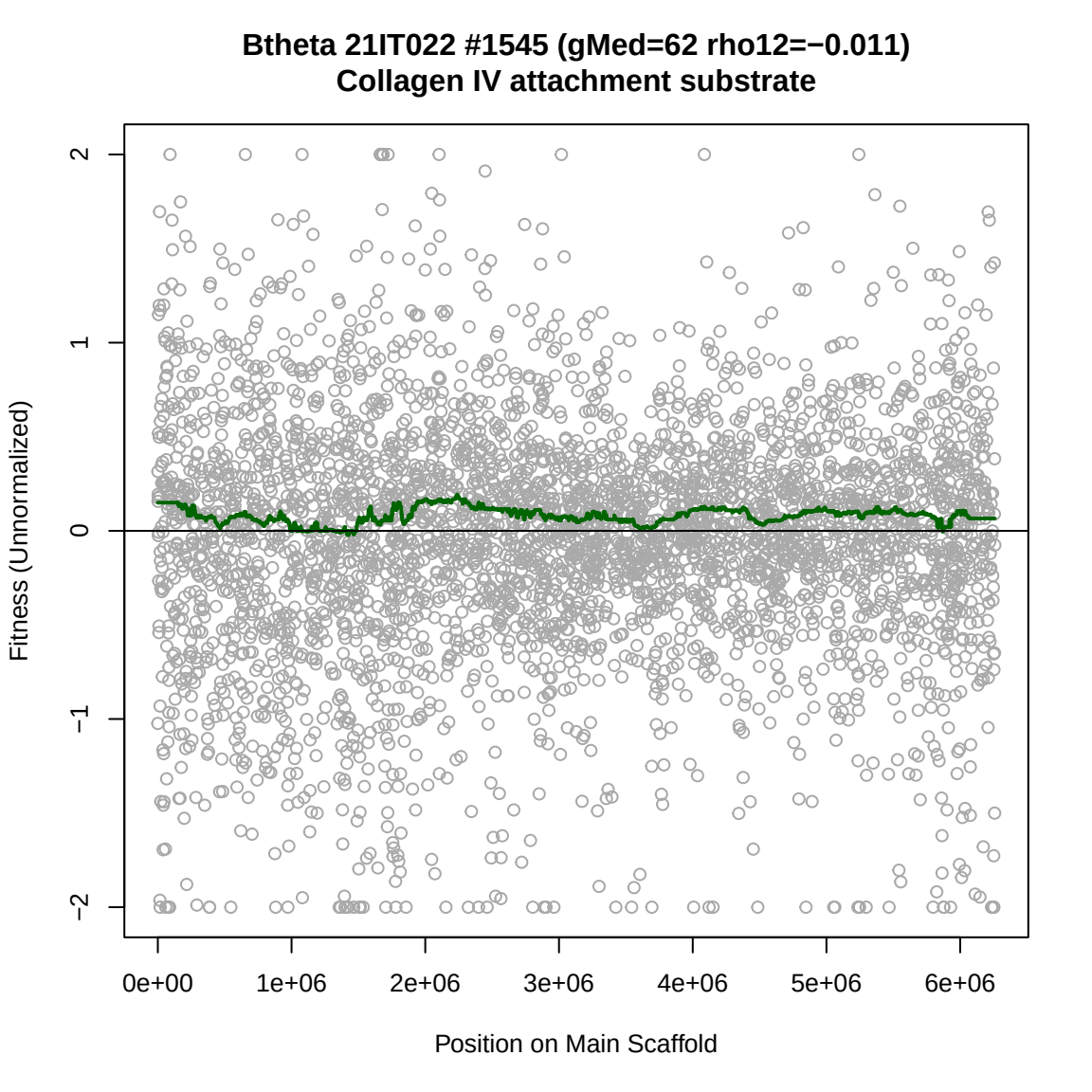

Btheta 21IT017 #1540 (gMed=102 rho12=−0.014)
Gelatin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

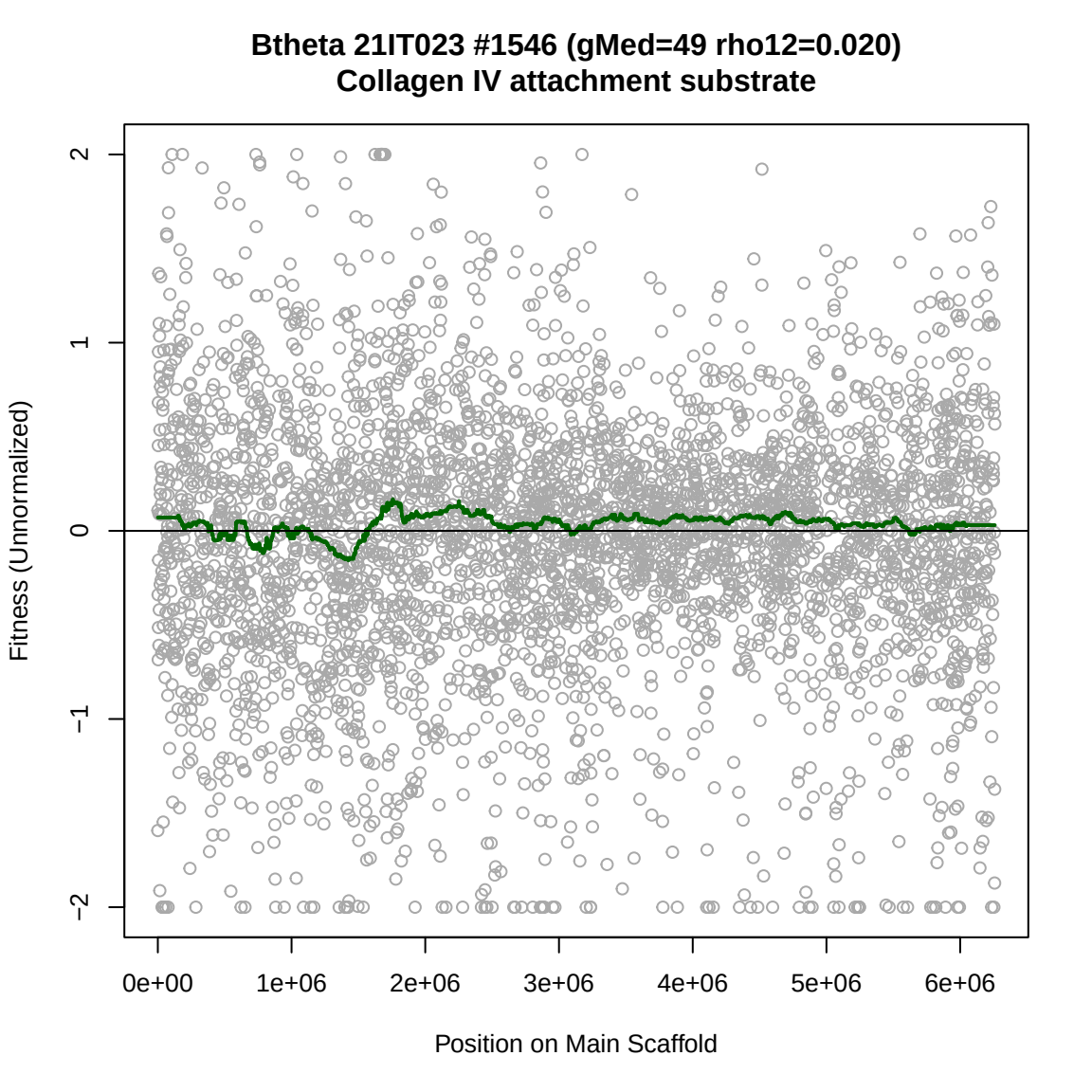

Btheta 21IT018 #1541 (gMed=82 rho12=0.012)
Gelatin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

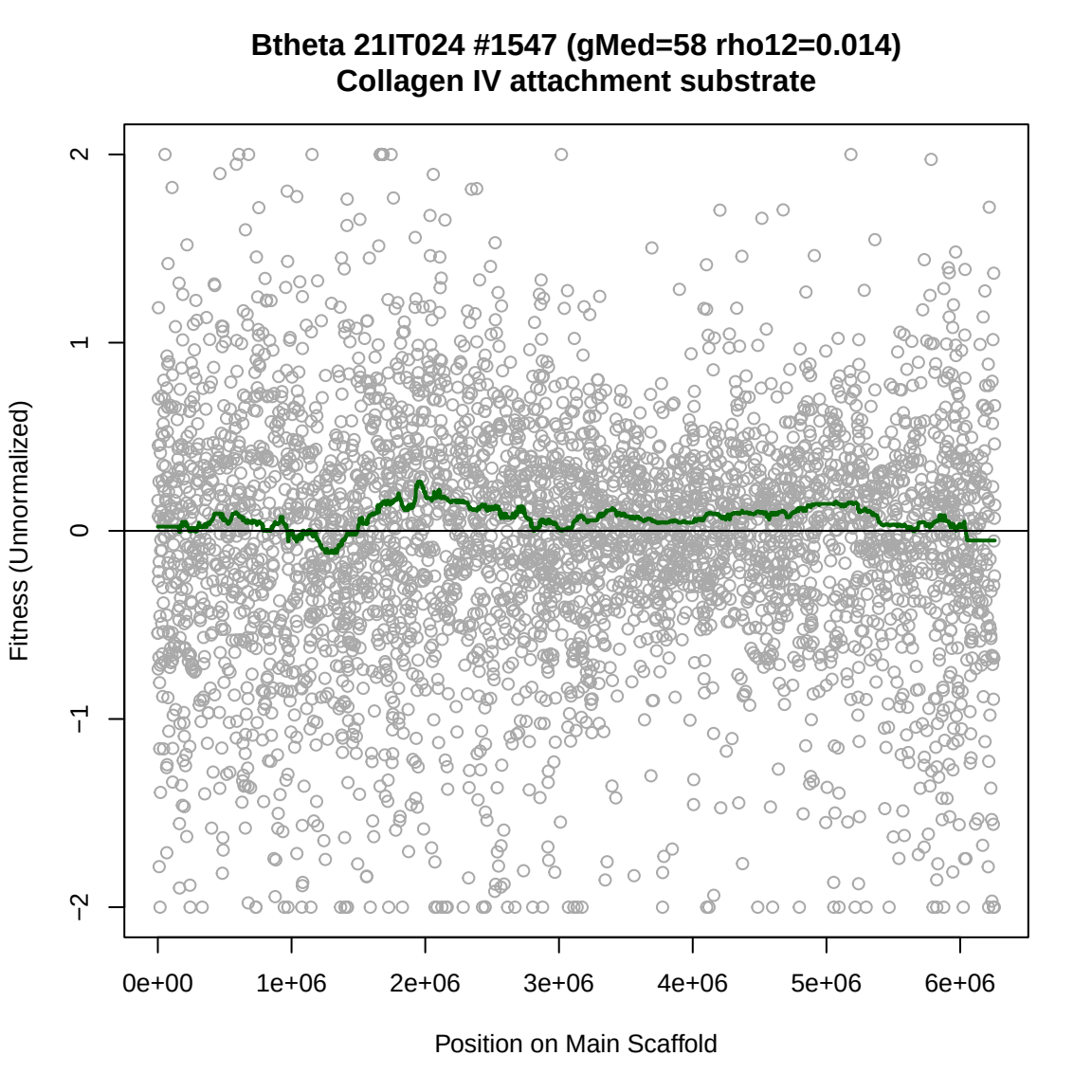

Btheta 21IT019 #1542 (gMed=65 rho12=0.050)
Collagen I attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

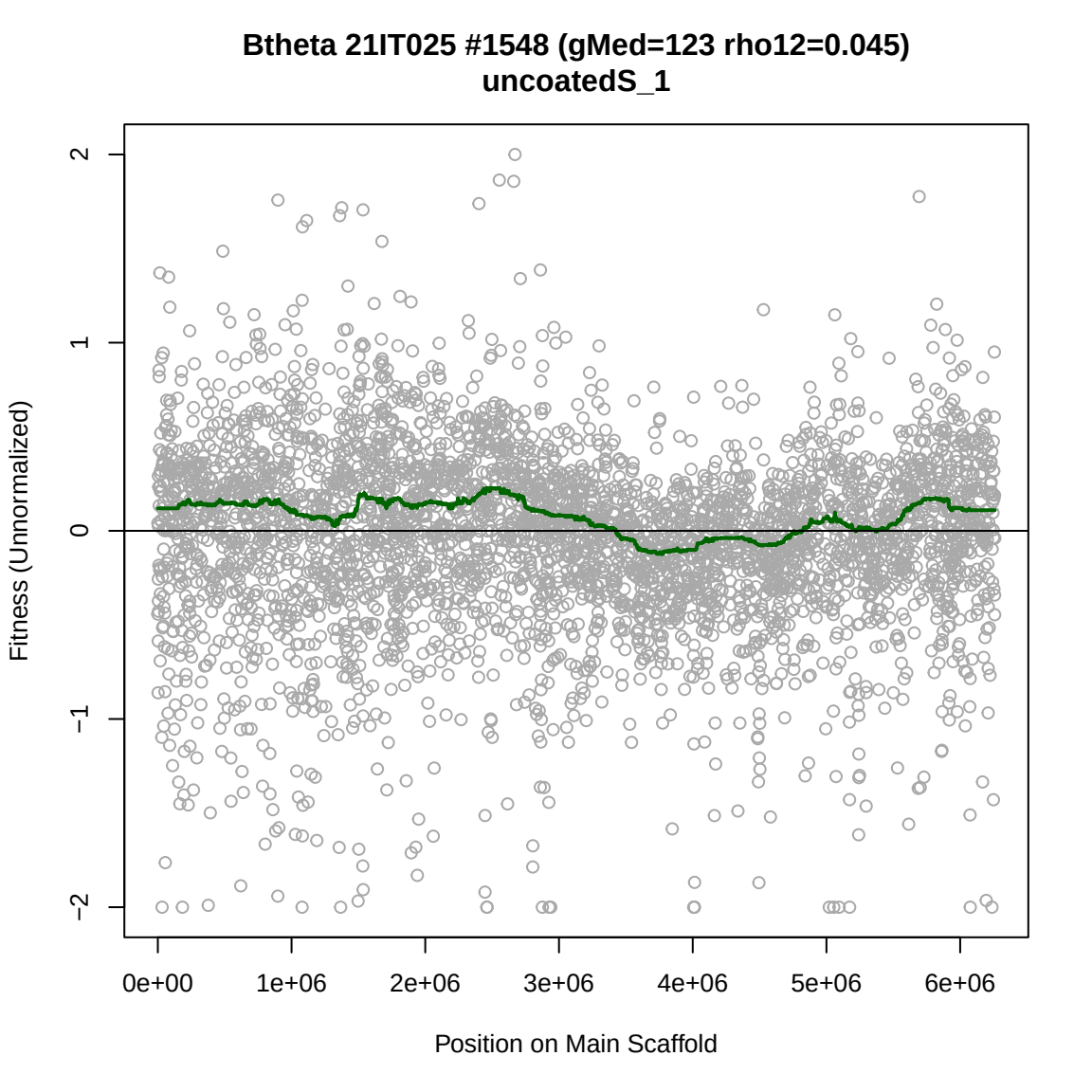

Btheta 21IT020 #1543 (gMed=50 rho12=0.034)
Collagen I attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

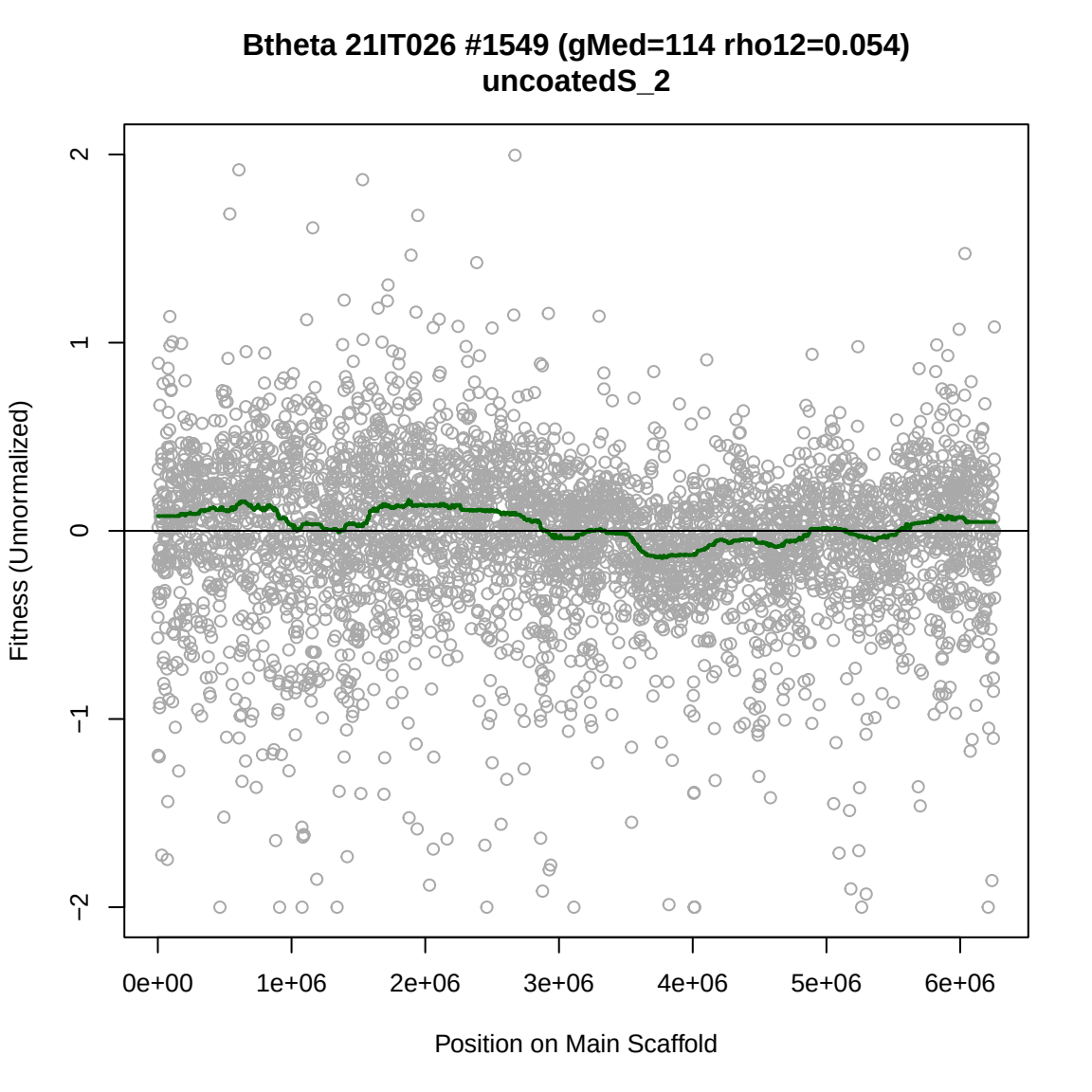

Btheta 21IT021 #1544 (gMed=72 rho12=−0.007)
Collagen I attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

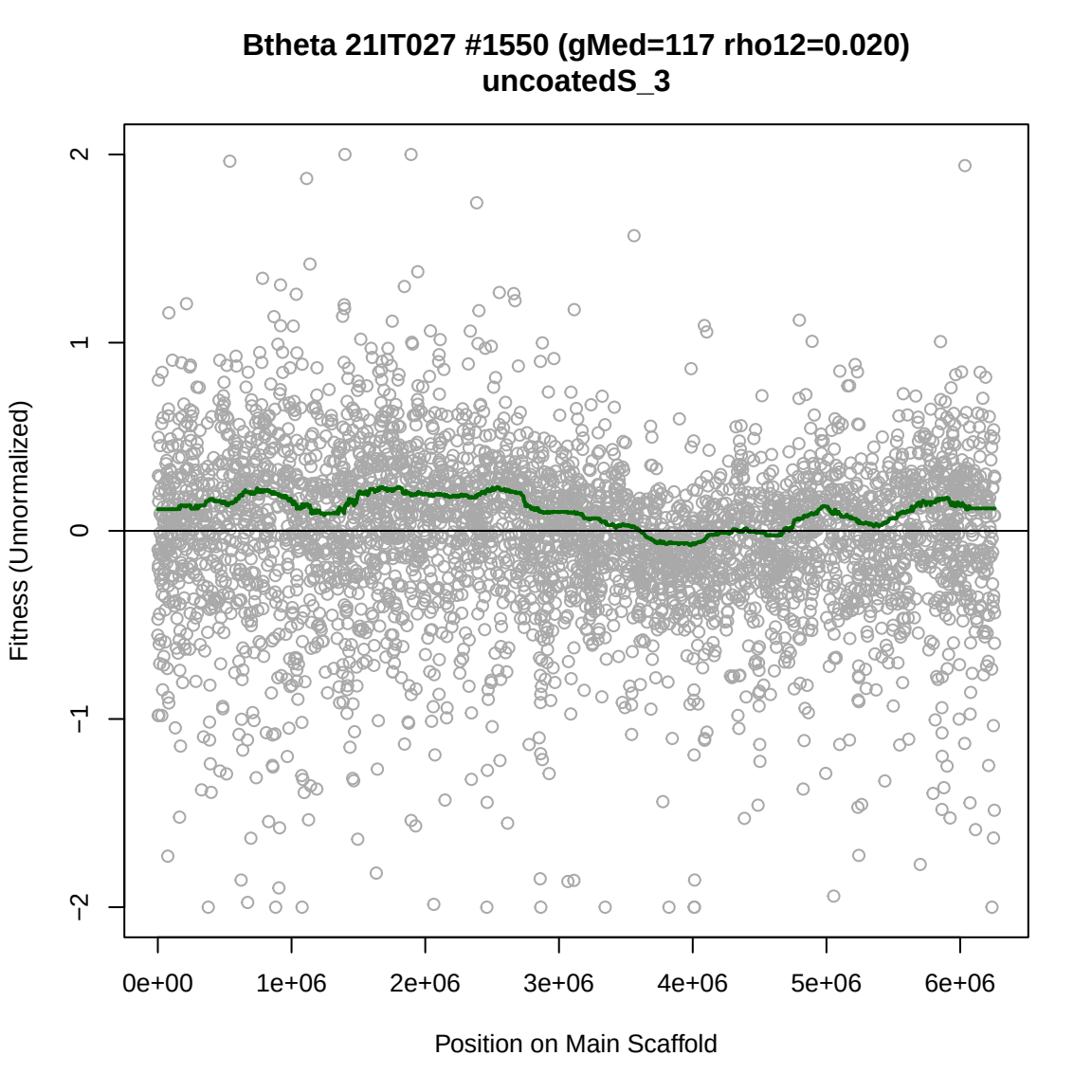

Btheta 21IT022 #1545 (gMed=62 rho12=−0.011)
Collagen IV attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

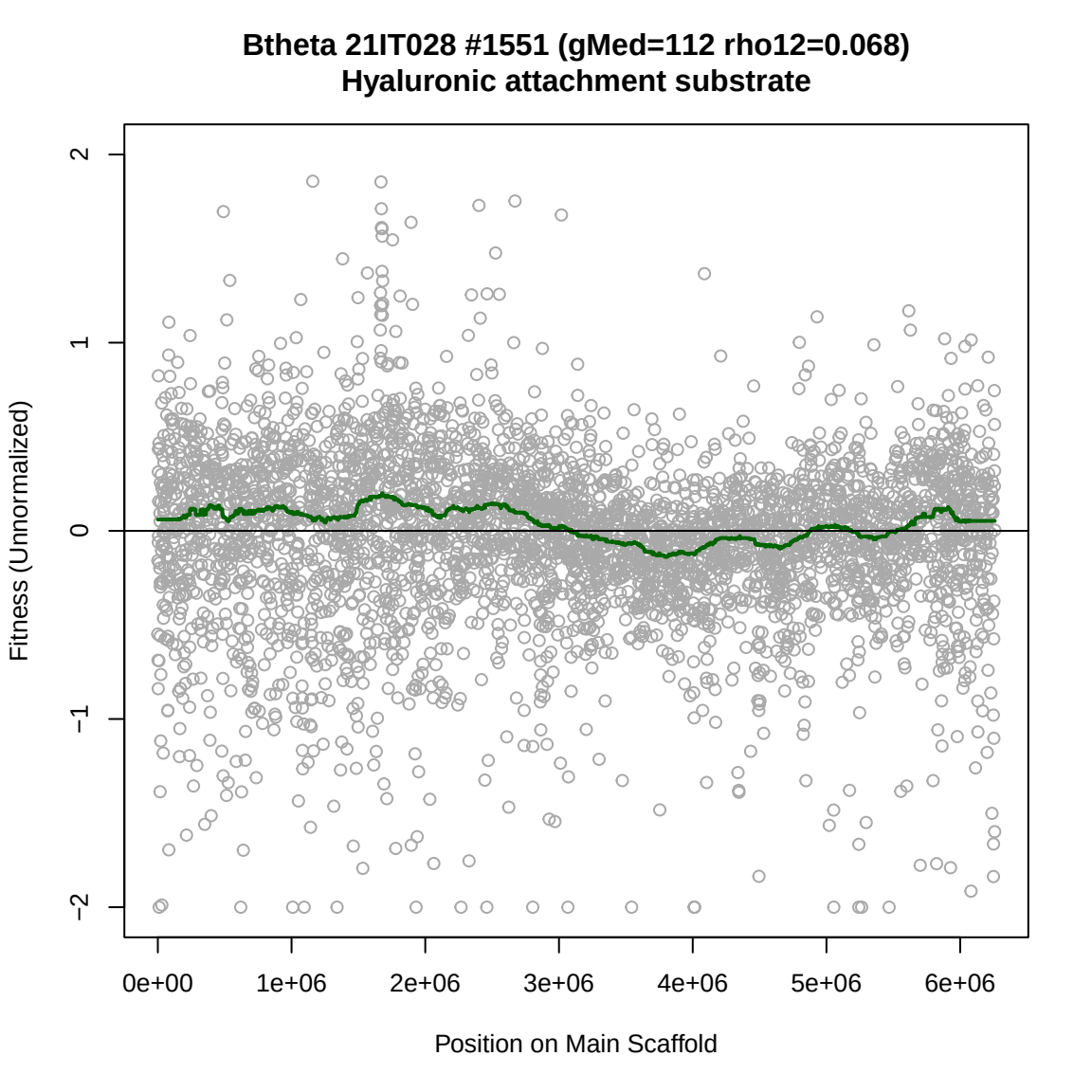

Btheta 21IT023 #1546 (gMed=49 rho12=0.020)
Collagen IV attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

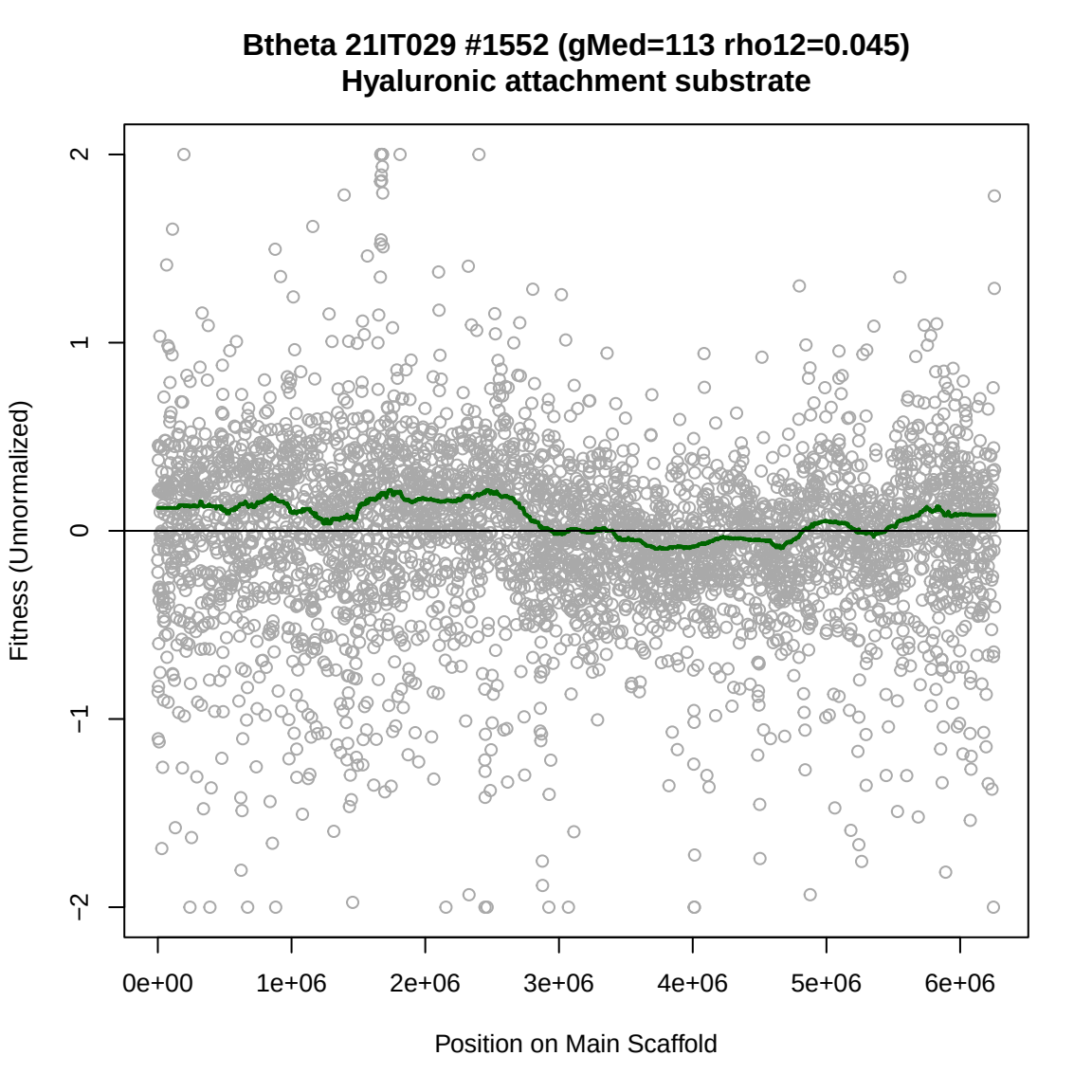

Btheta 21IT024 #1547 (gMed=58 rho12=0.014)
Collagen IV attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

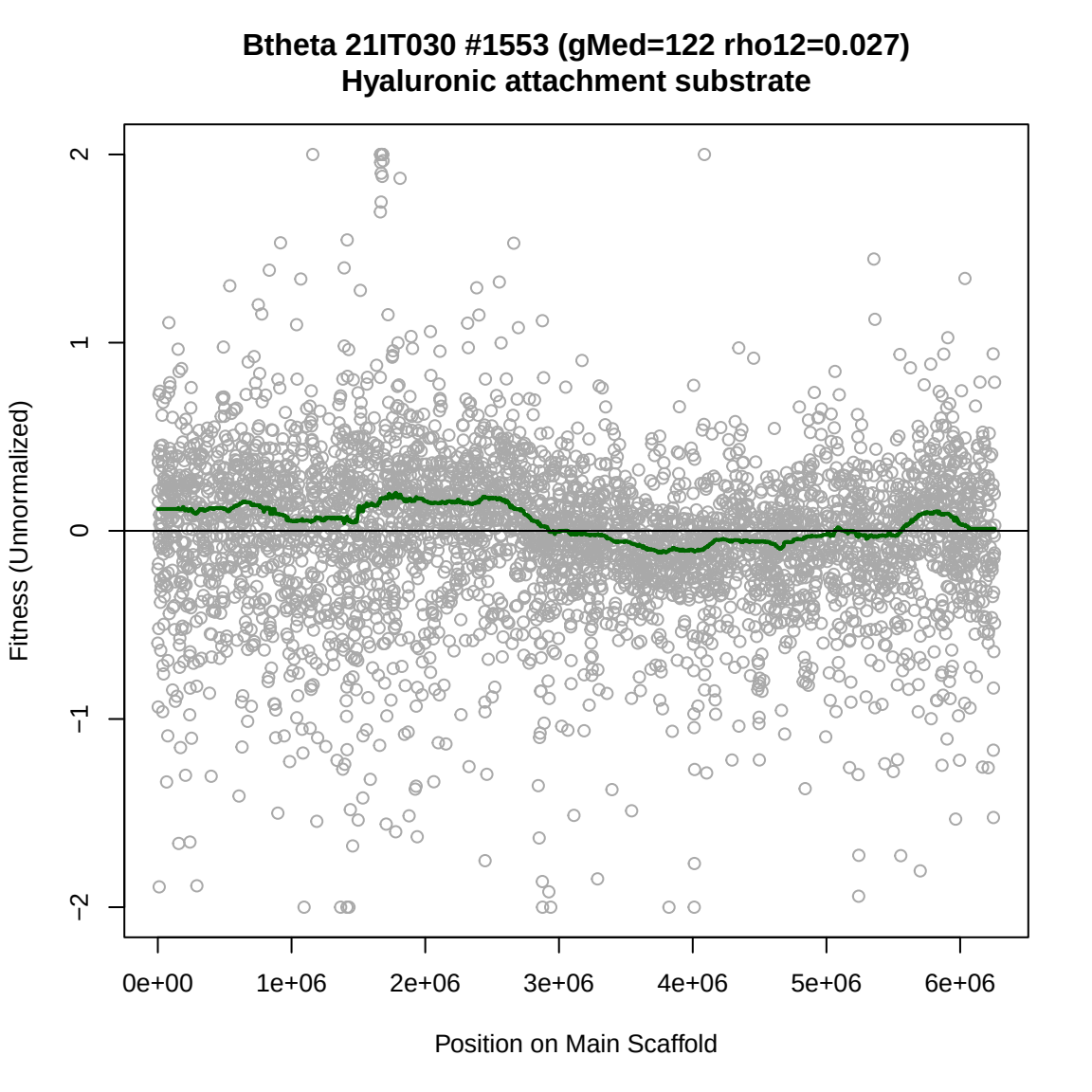

Btheta 21IT025 #1548 (gMed=123 rho12=0.045)
uncoatedS_1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

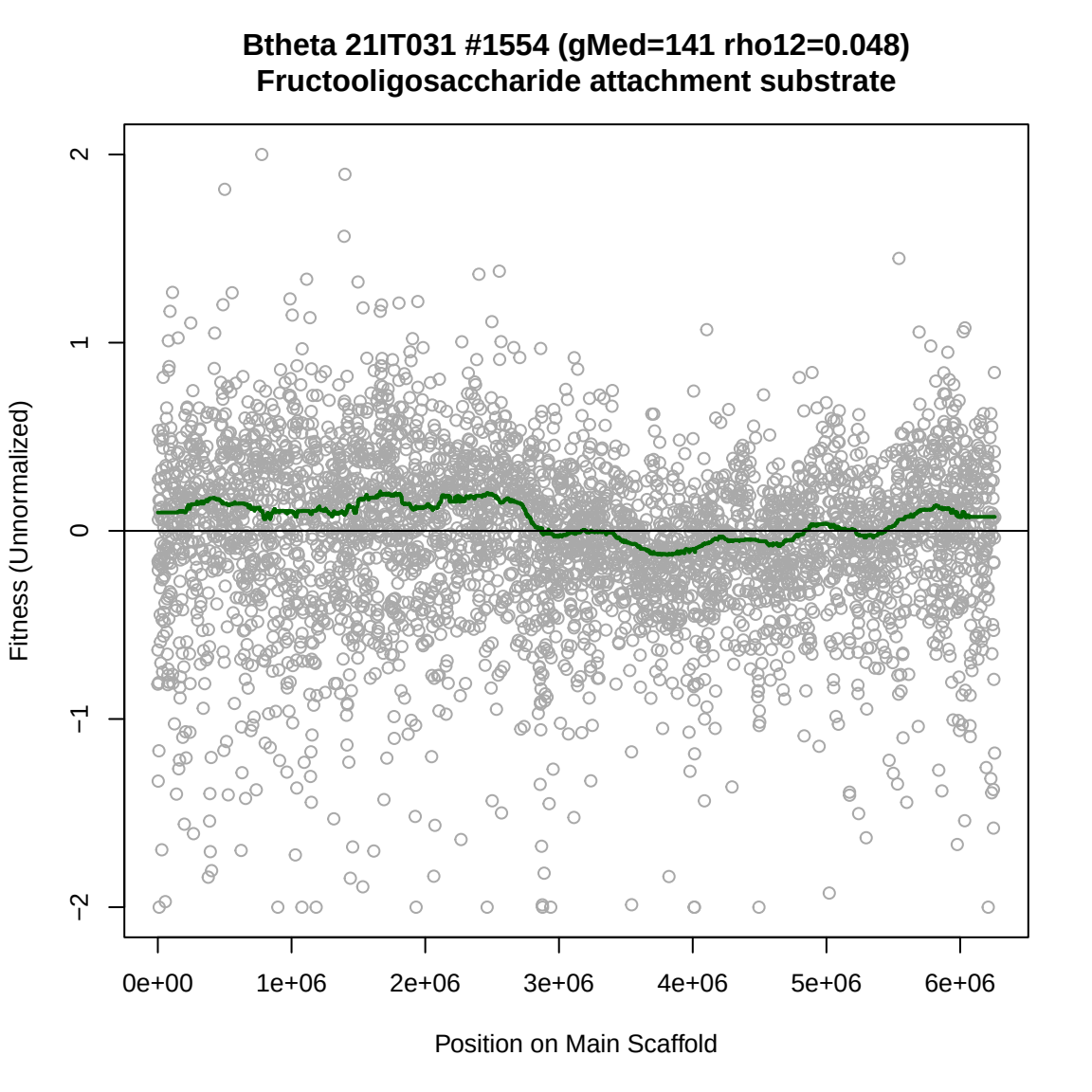

Btheta 21IT026 #1549 (gMed=114 rho12=0.054)
uncoatedS_2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

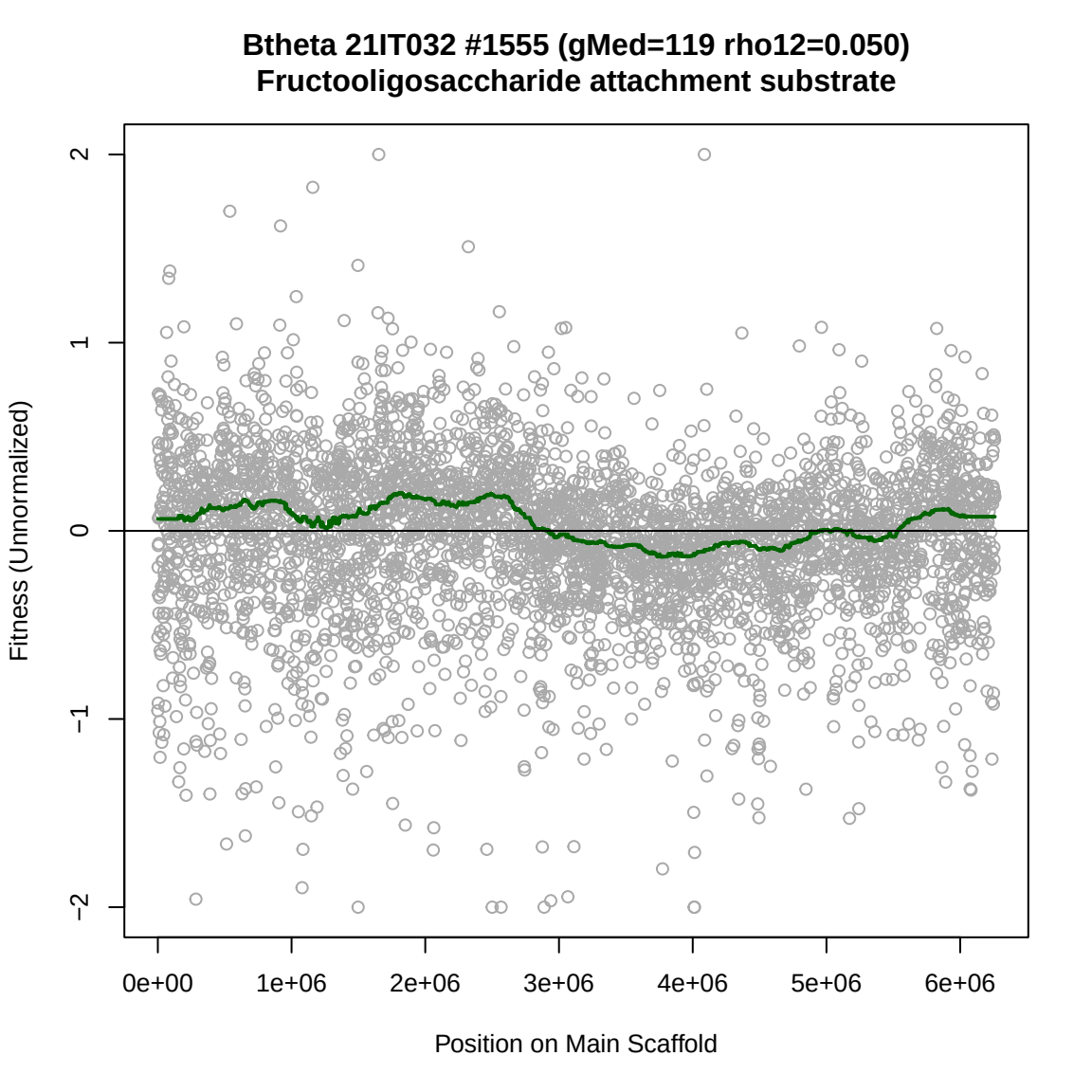

Btheta 21IT027 #1550 (gMed=117 rho12=0.020)
uncoatedS_3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

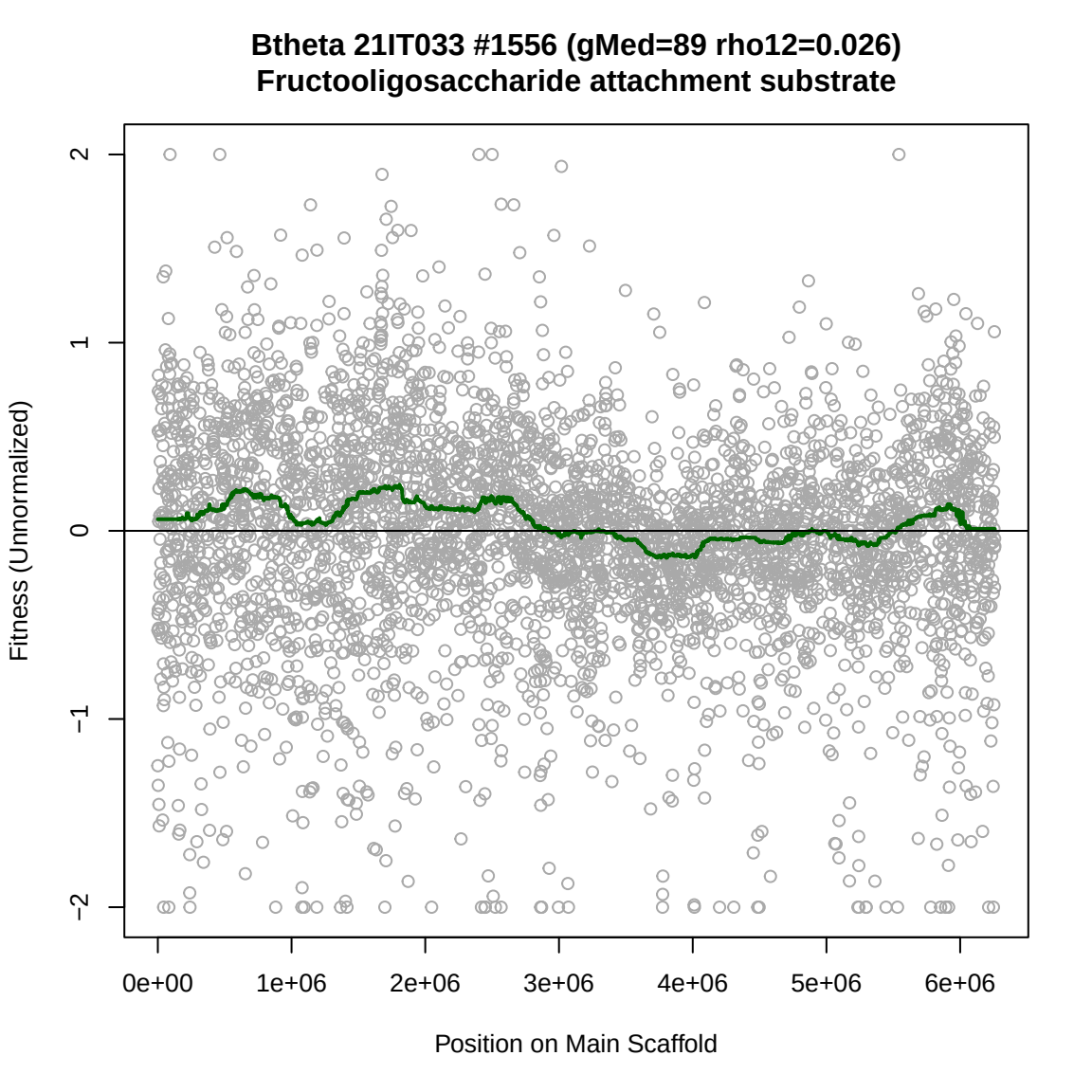

Btheta 21IT028 #1551 (gMed=112 rho12=0.068)
Hyaluronic attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

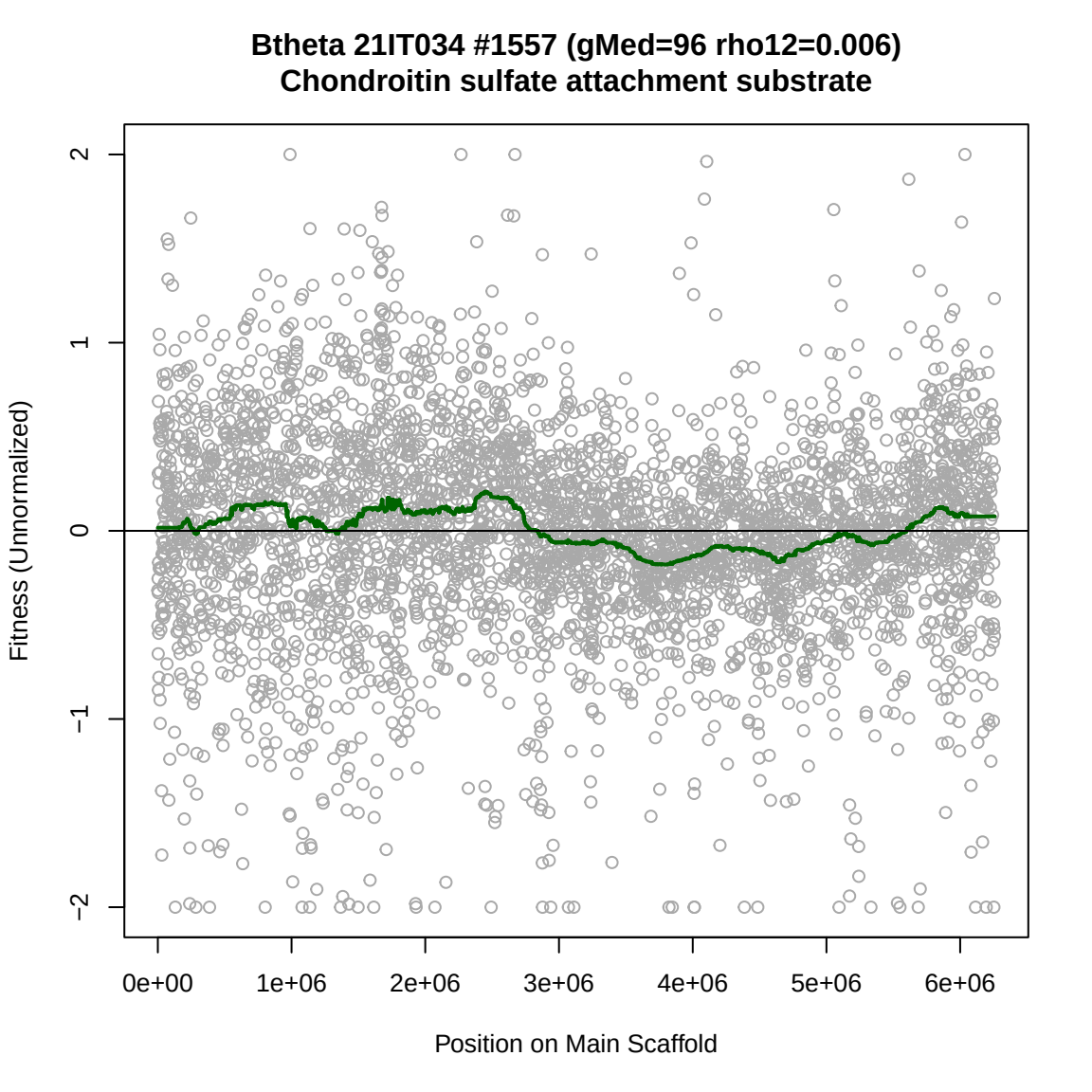

Btheta 21IT029 #1552 (gMed=113 rho12=0.045)
Hyaluronic attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

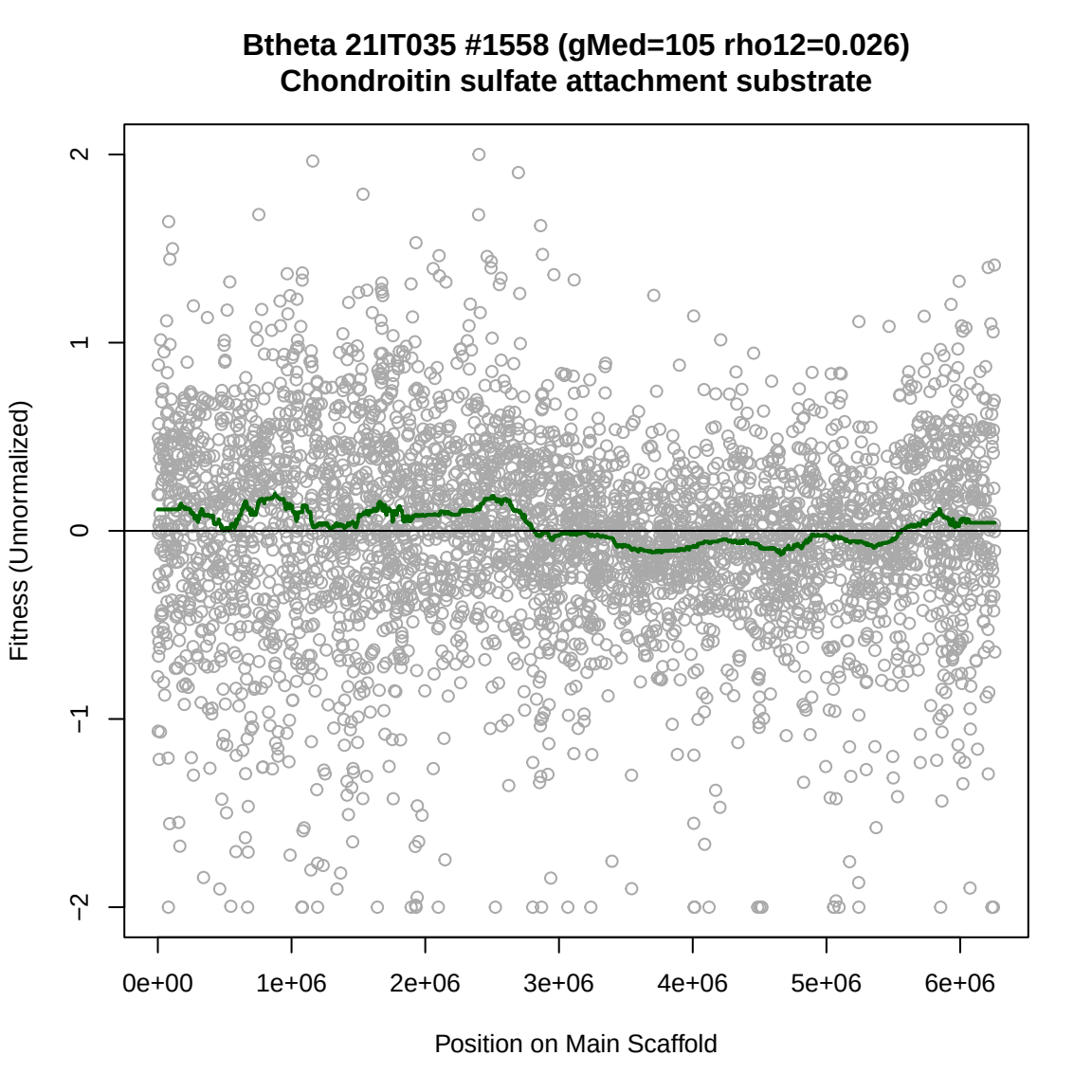

Btheta 21IT030 #1553 (gMed=122 rho12=0.027)
Hyaluronic attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

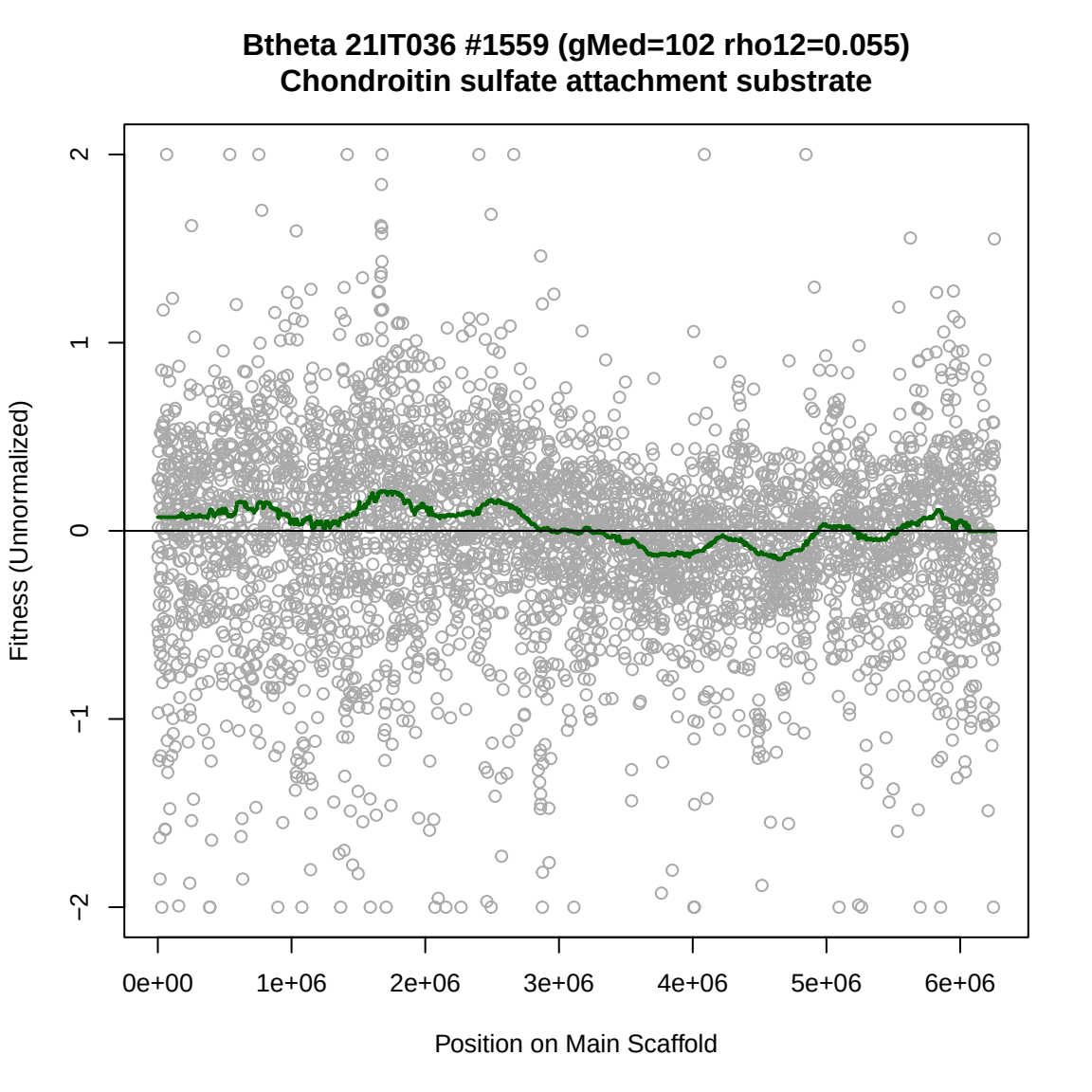

Btheta 21IT031 #1554 (gMed=141 rho12=0.048)
Fructooligosaccharide attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

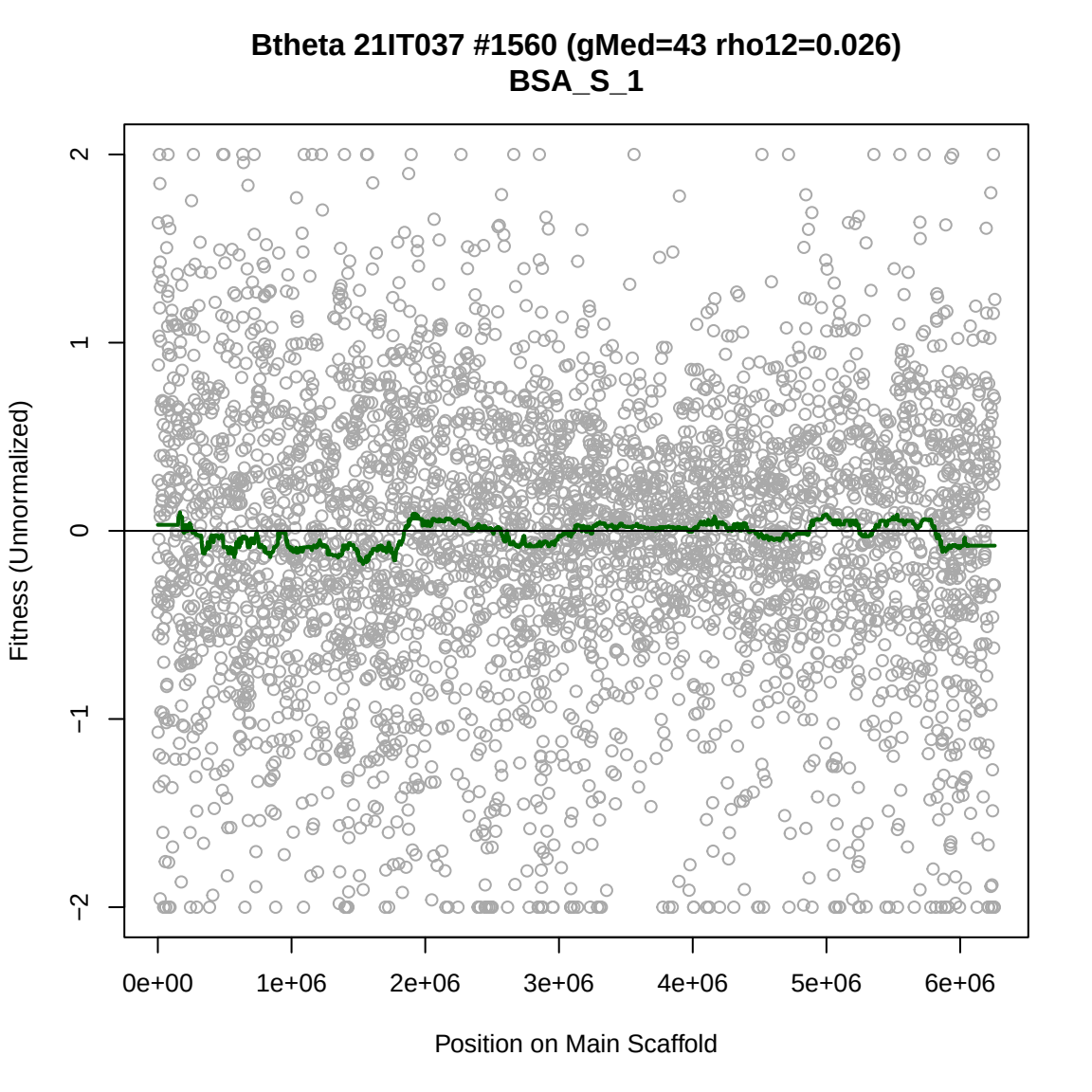

Btheta 21IT032 #1555 (gMed=119 rho12=0.050)
Fructooligosaccharide attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

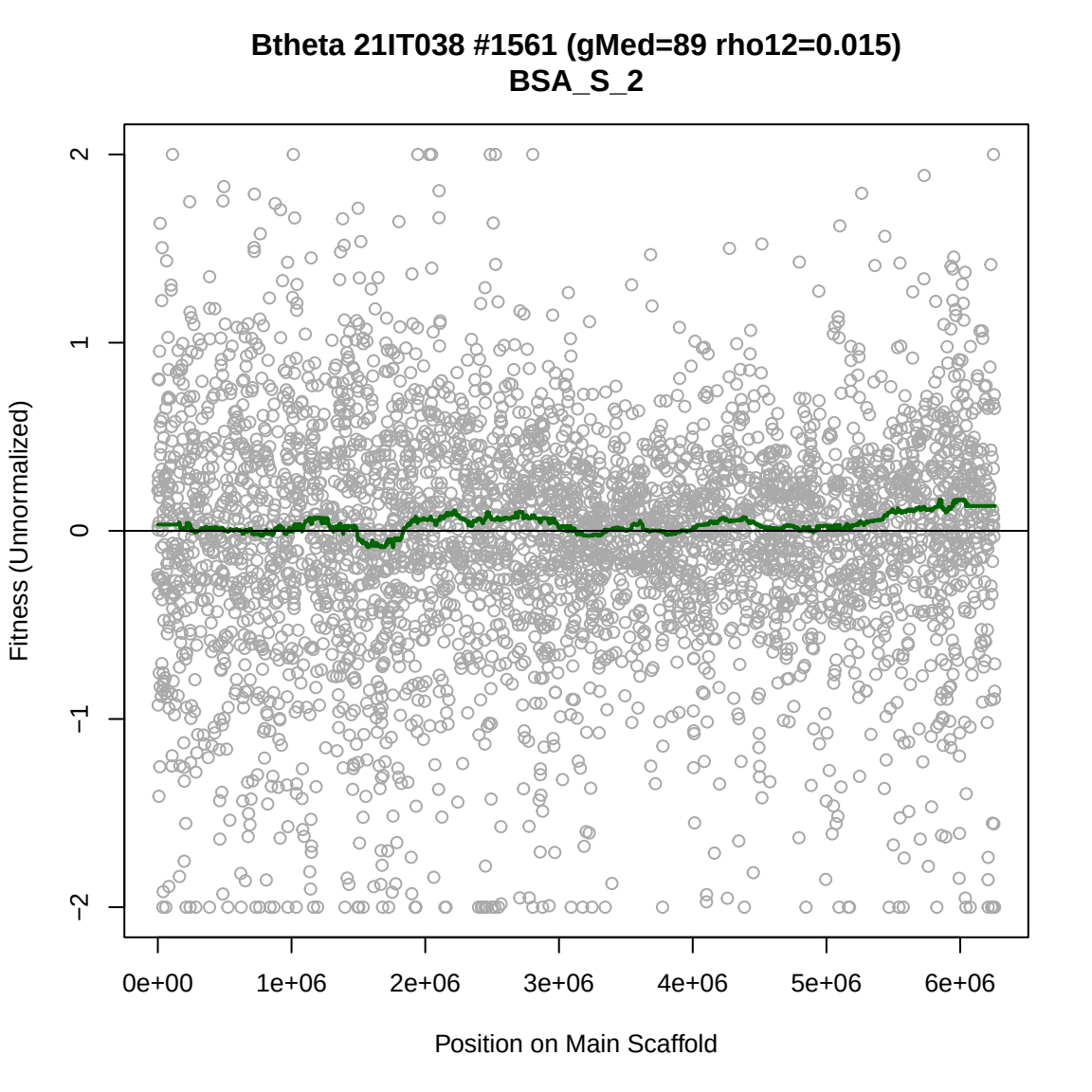

Btheta 21IT033 #1556 (gMed=89 rho12=0.026)
Fructooligosaccharide attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

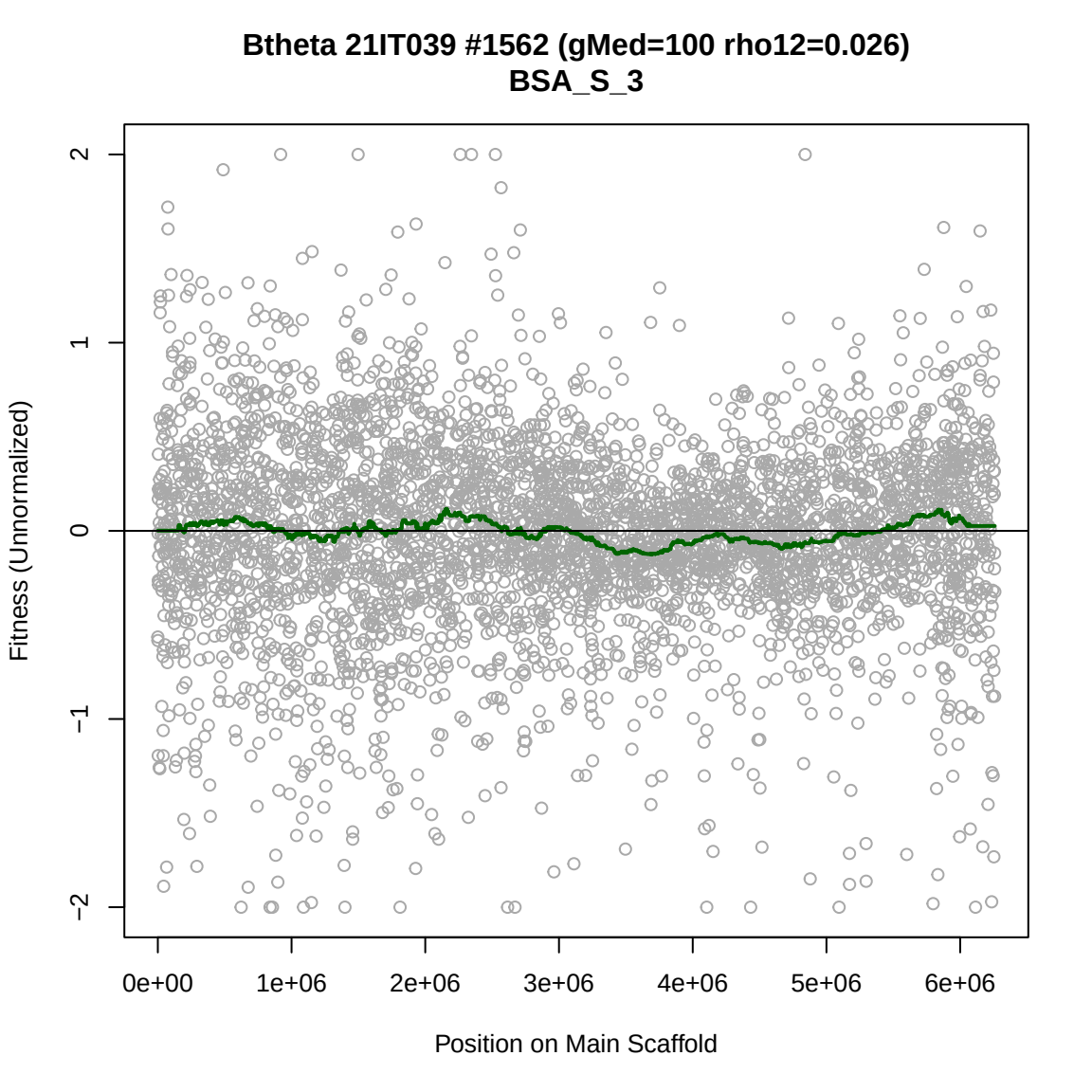

Btheta 21IT034 #1557 (gMed=96 rho12=0.006)
Chondroitin sulfate attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

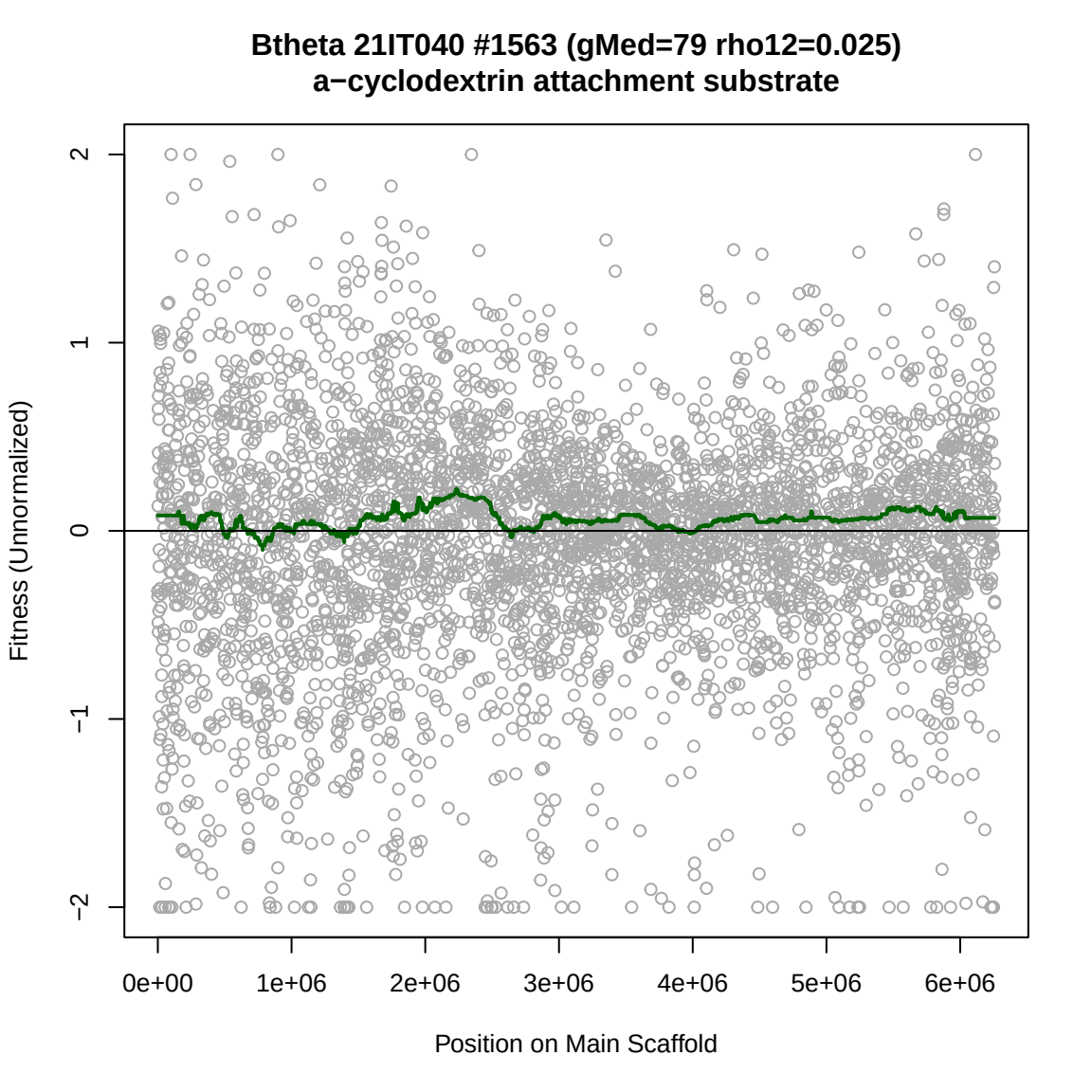

Btheta 21IT035 #1558 (gMed=105 rho12=0.026)
Chondroitin sulfate attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

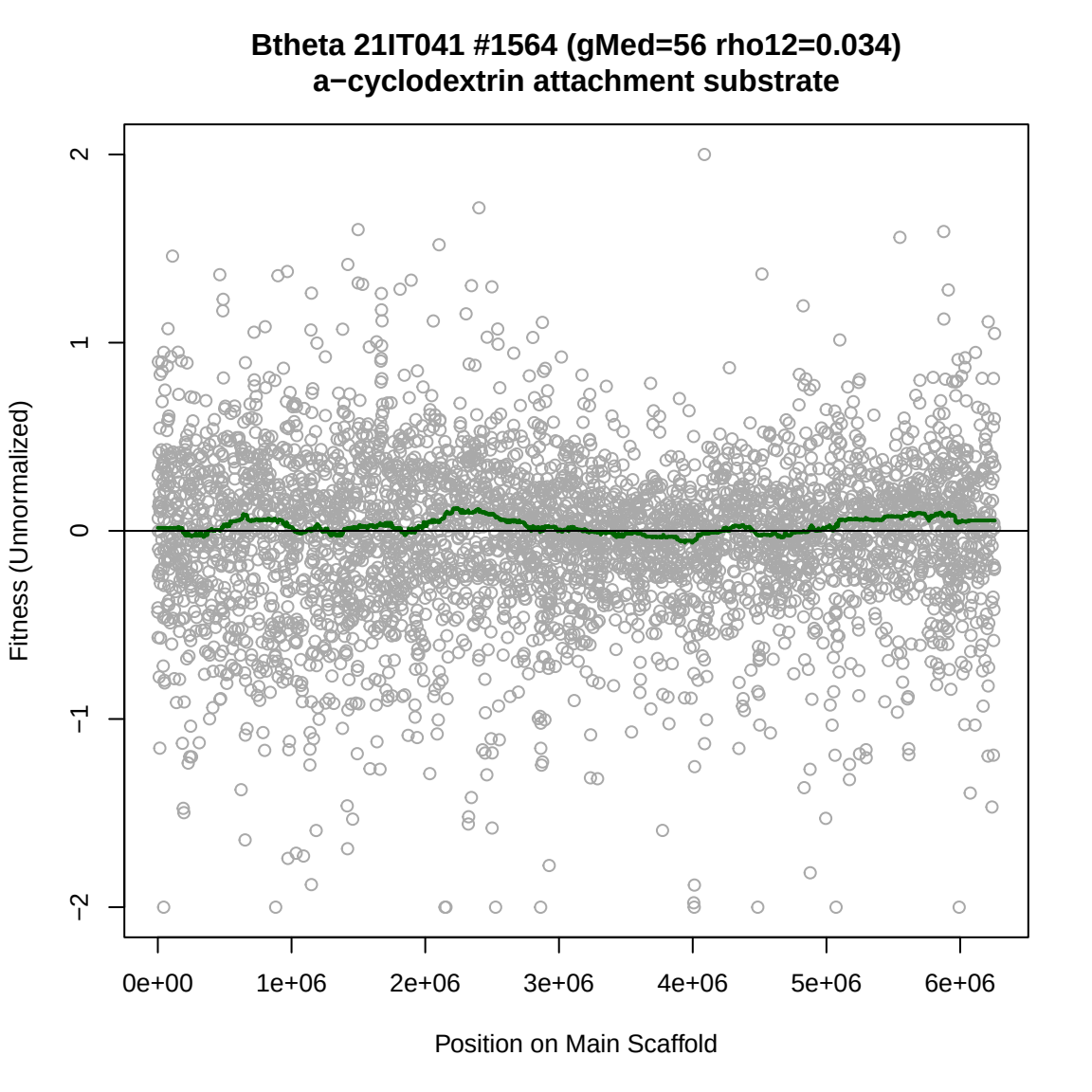

Btheta 21IT036 #1559 (gMed=102 rho12=0.055)
Chondroitin sulfate attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

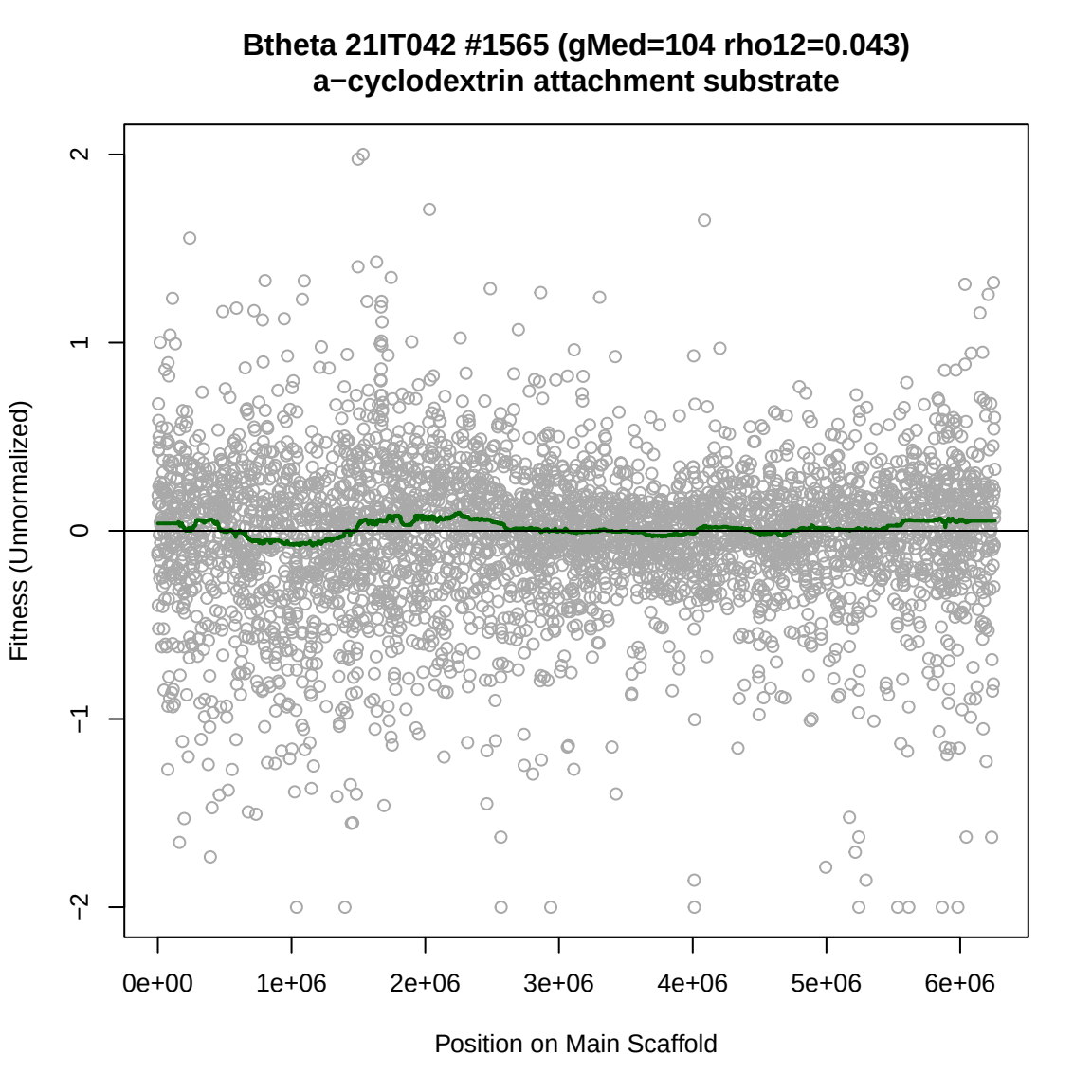

Btheta 21IT037 #1560 (gMed=43 rho12=0.026)
BSA_S_1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

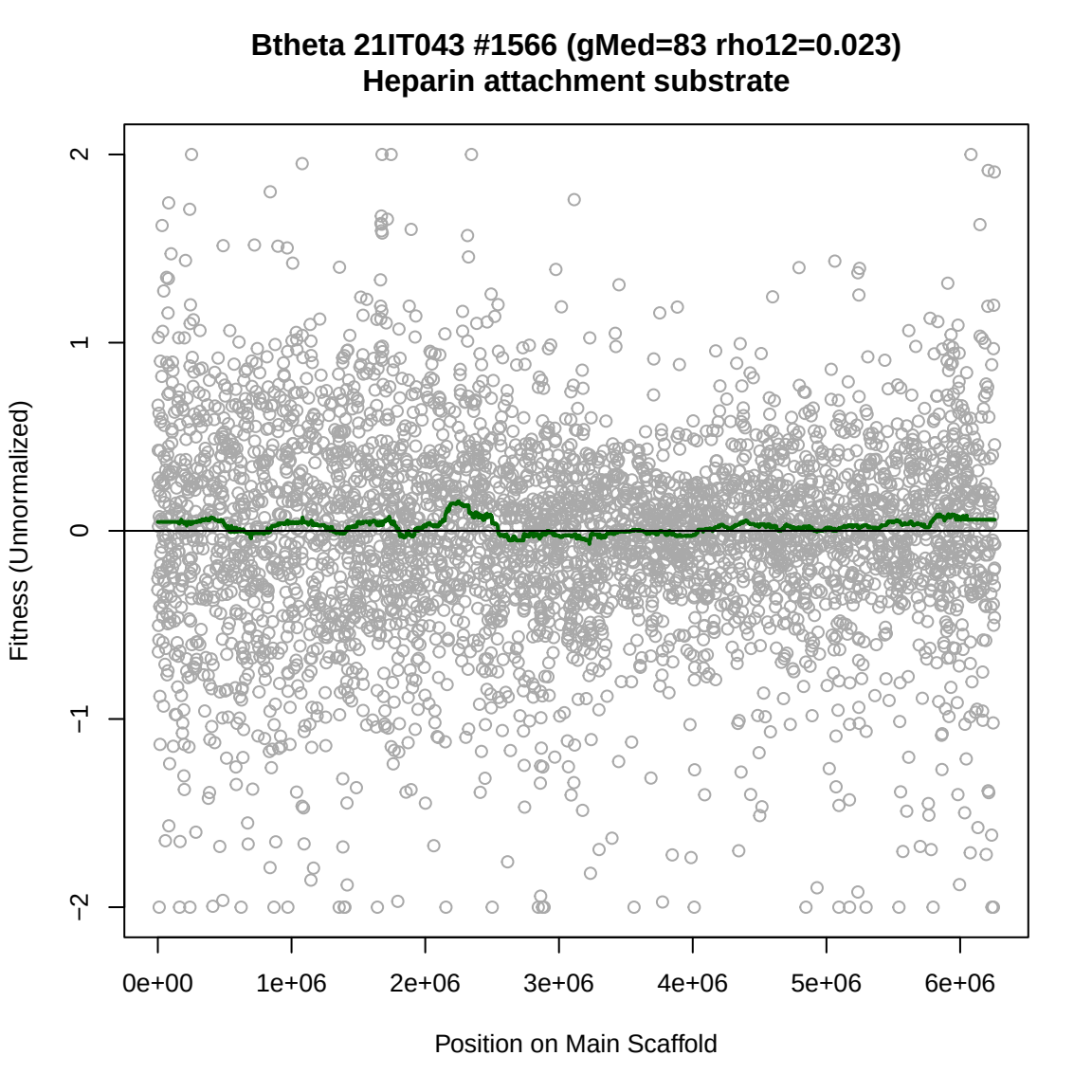

Btheta 21IT038 #1561 (gMed=89 rho12=0.015)
BSA_S_2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

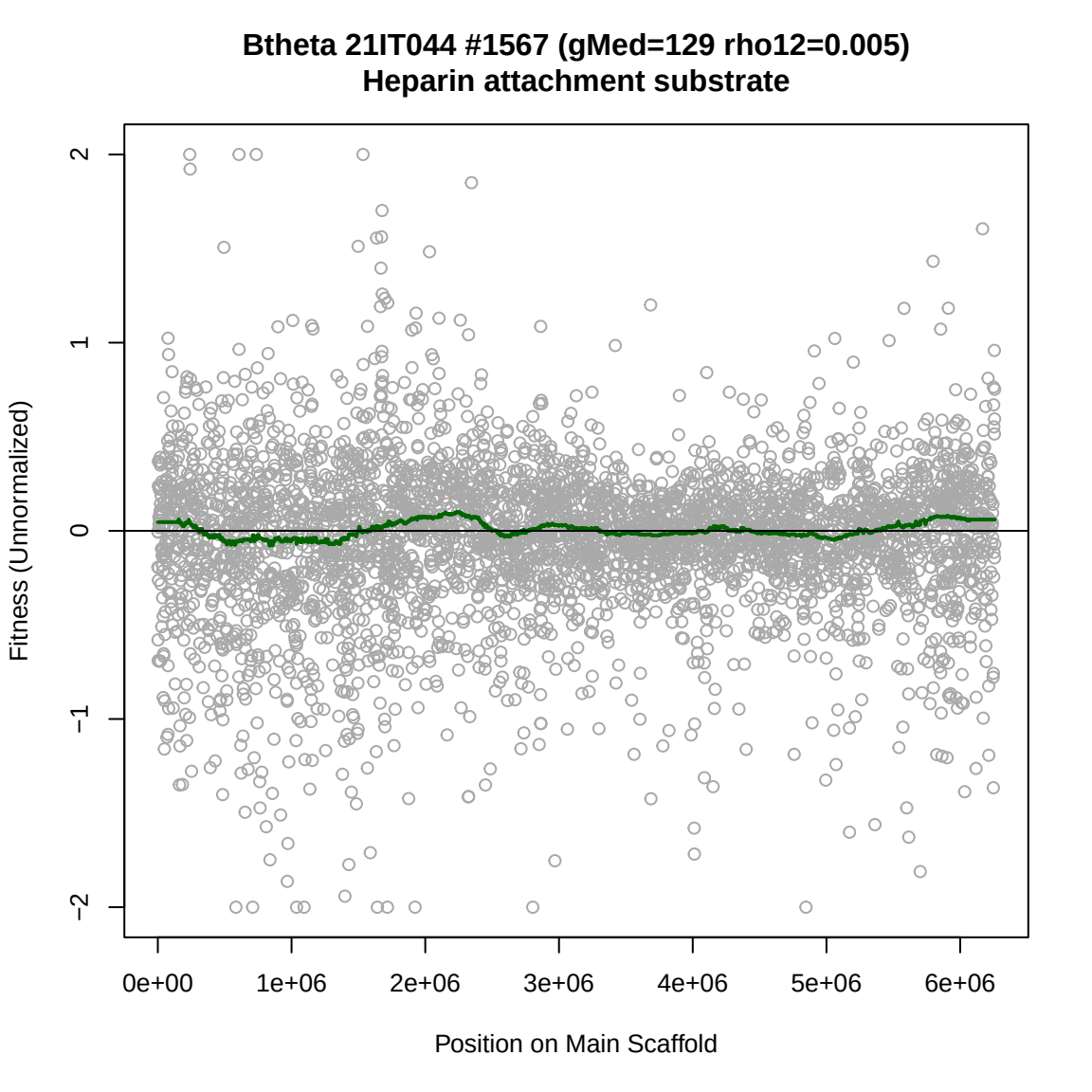

Btheta 21IT039 #1562 (gMed=100 rho12=0.026)
BSA_S_3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

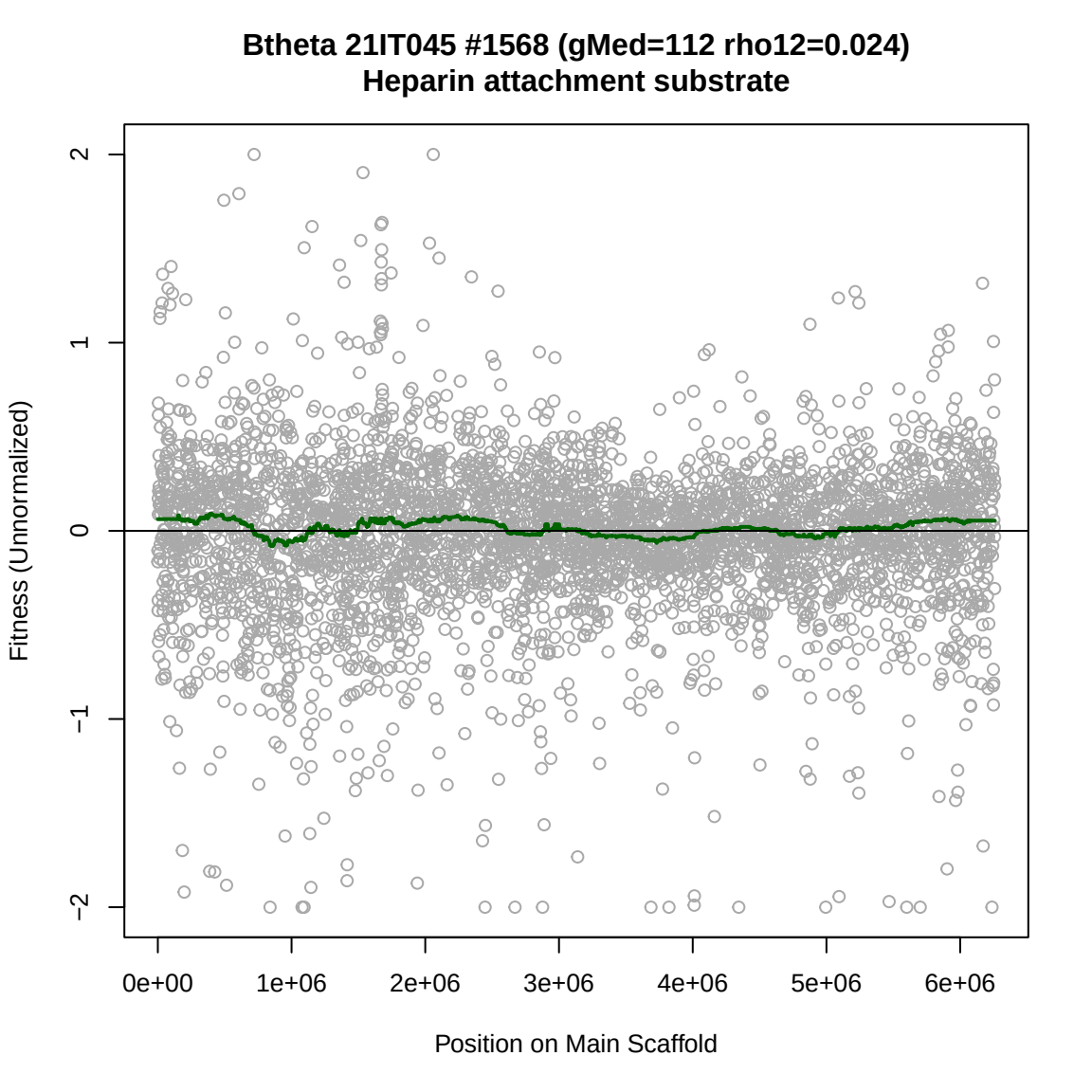

Btheta 21IT040 #1563 (gMed=79 rho12=0.025)
a−cyclodextrin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

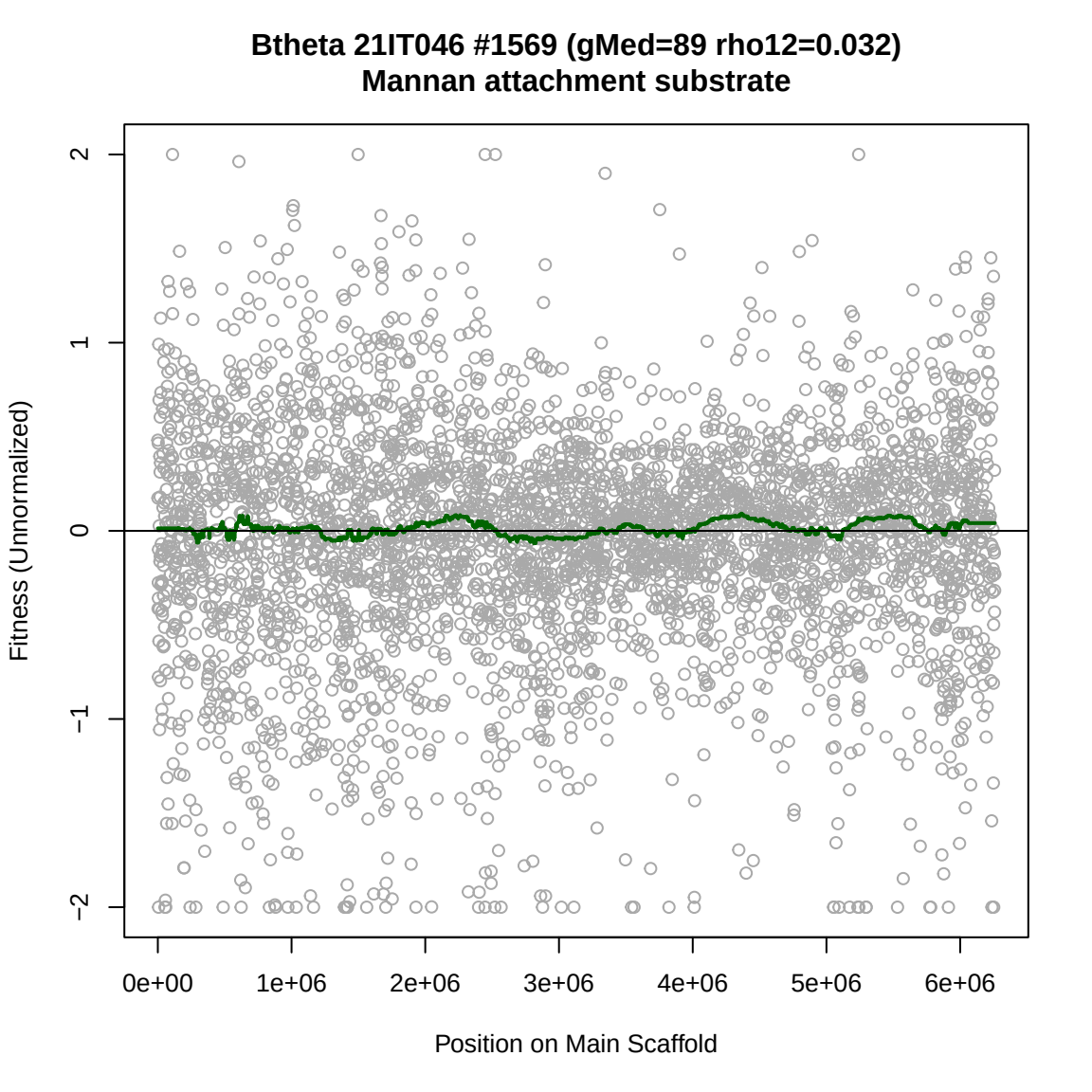

Btheta 21IT041 #1564 (gMed=56 rho12=0.034)
a−cyclodextrin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

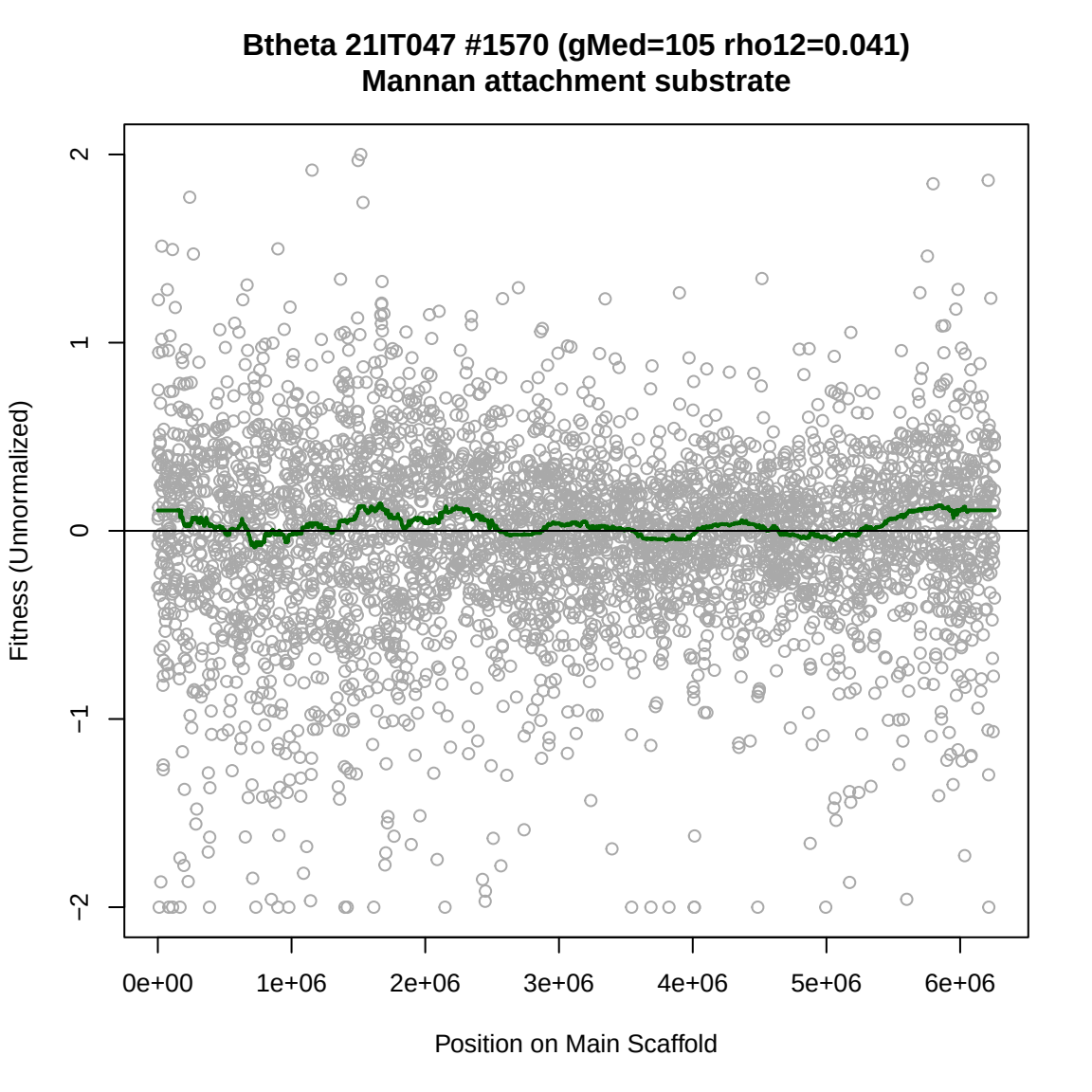

Btheta 21IT042 #1565 (gMed=104 rho12=0.043)
a−cyclodextrin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

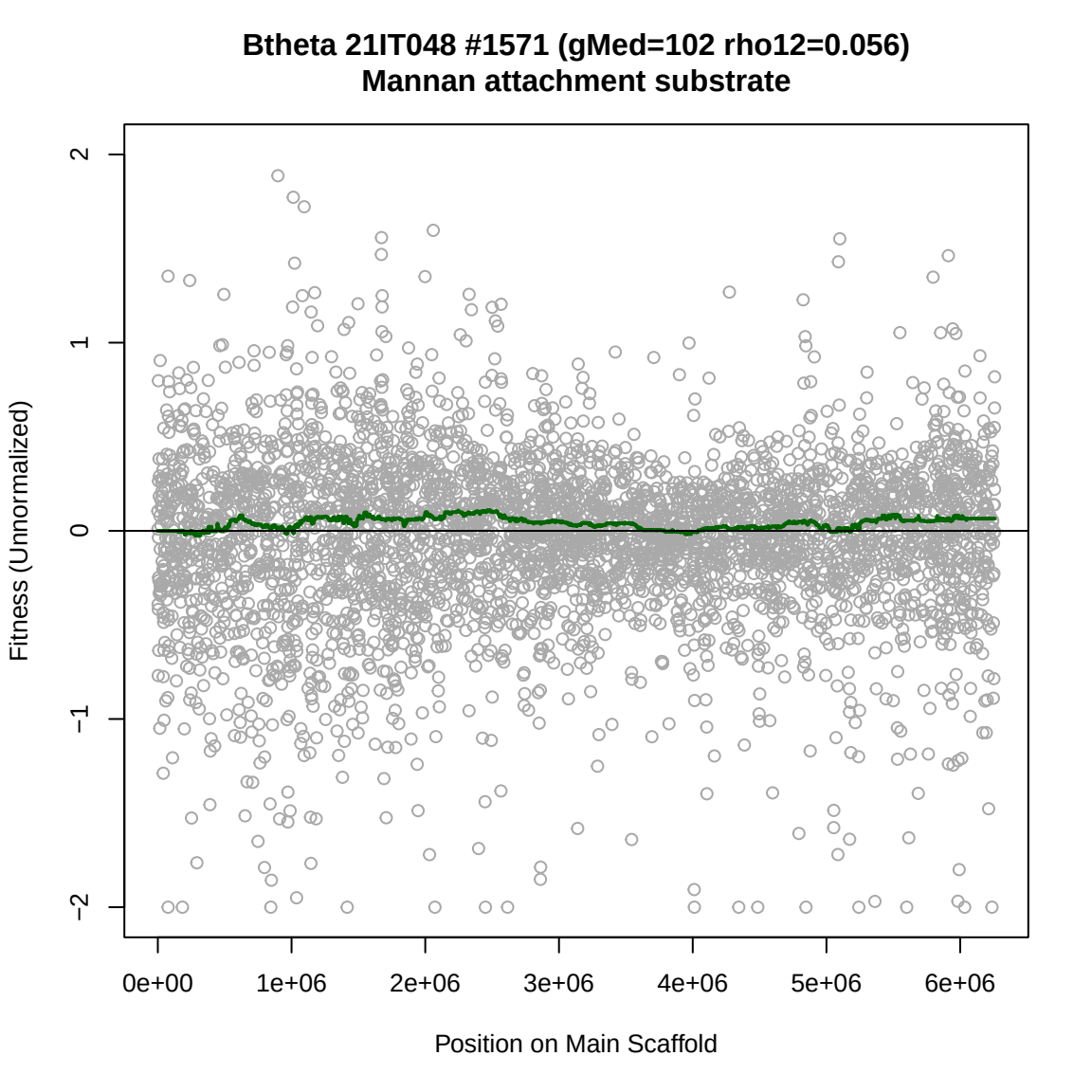

Btheta 21IT043 #1566 (gMed=83 rho12=0.023)
Heparin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

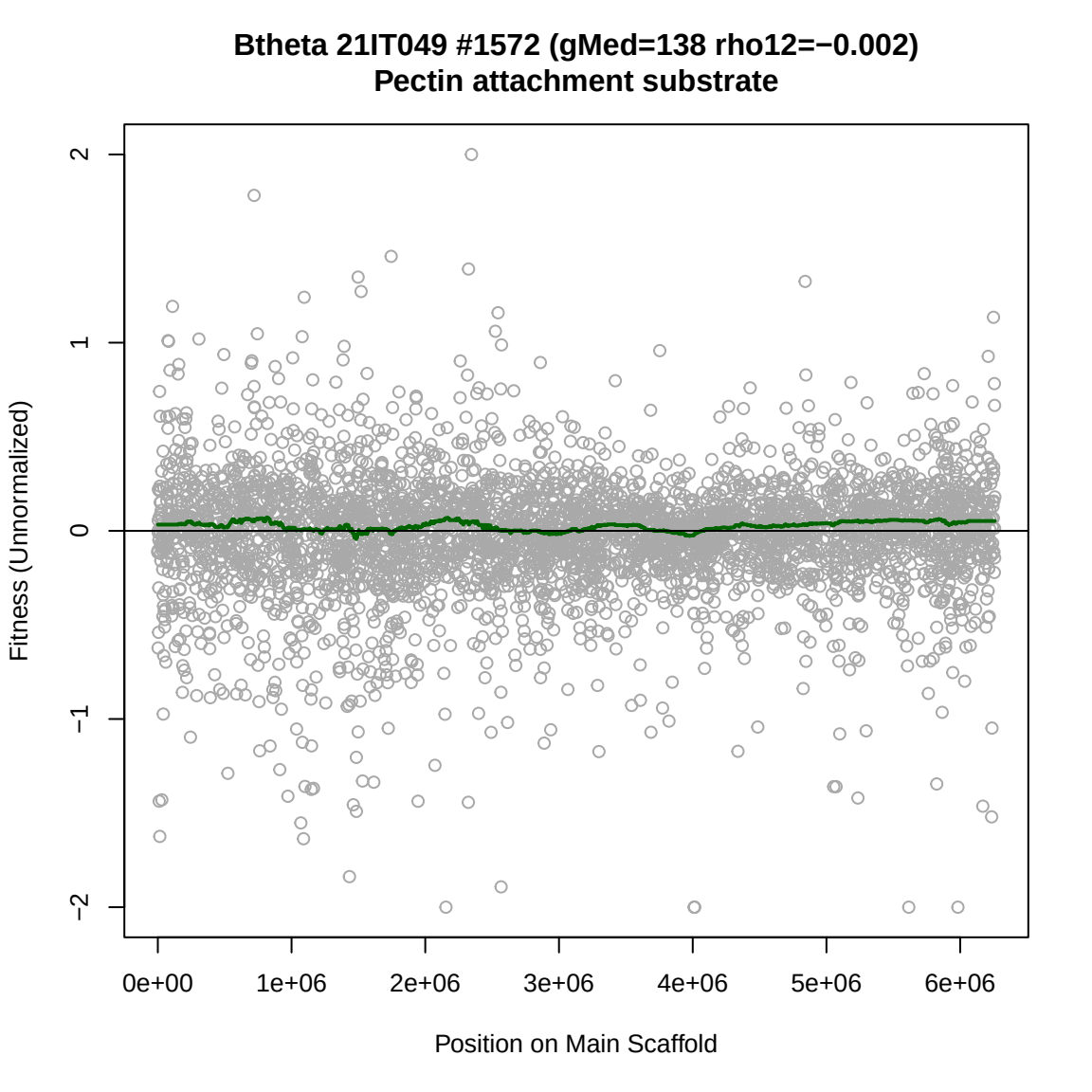

Btheta 21IT044 #1567 (gMed=129 rho12=0.005)
Heparin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

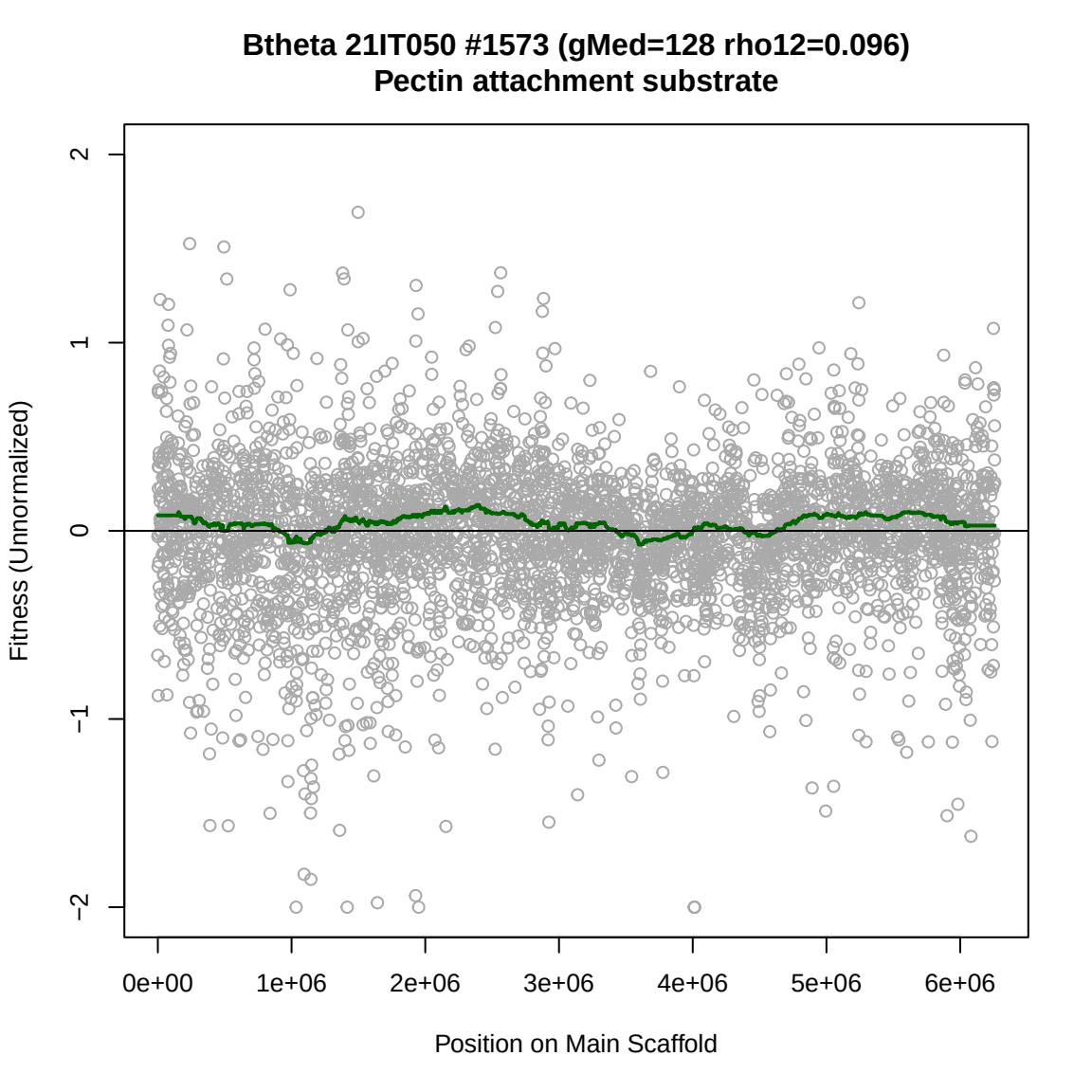

Btheta 21IT045 #1568 (gMed=112 rho12=0.024)
Heparin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

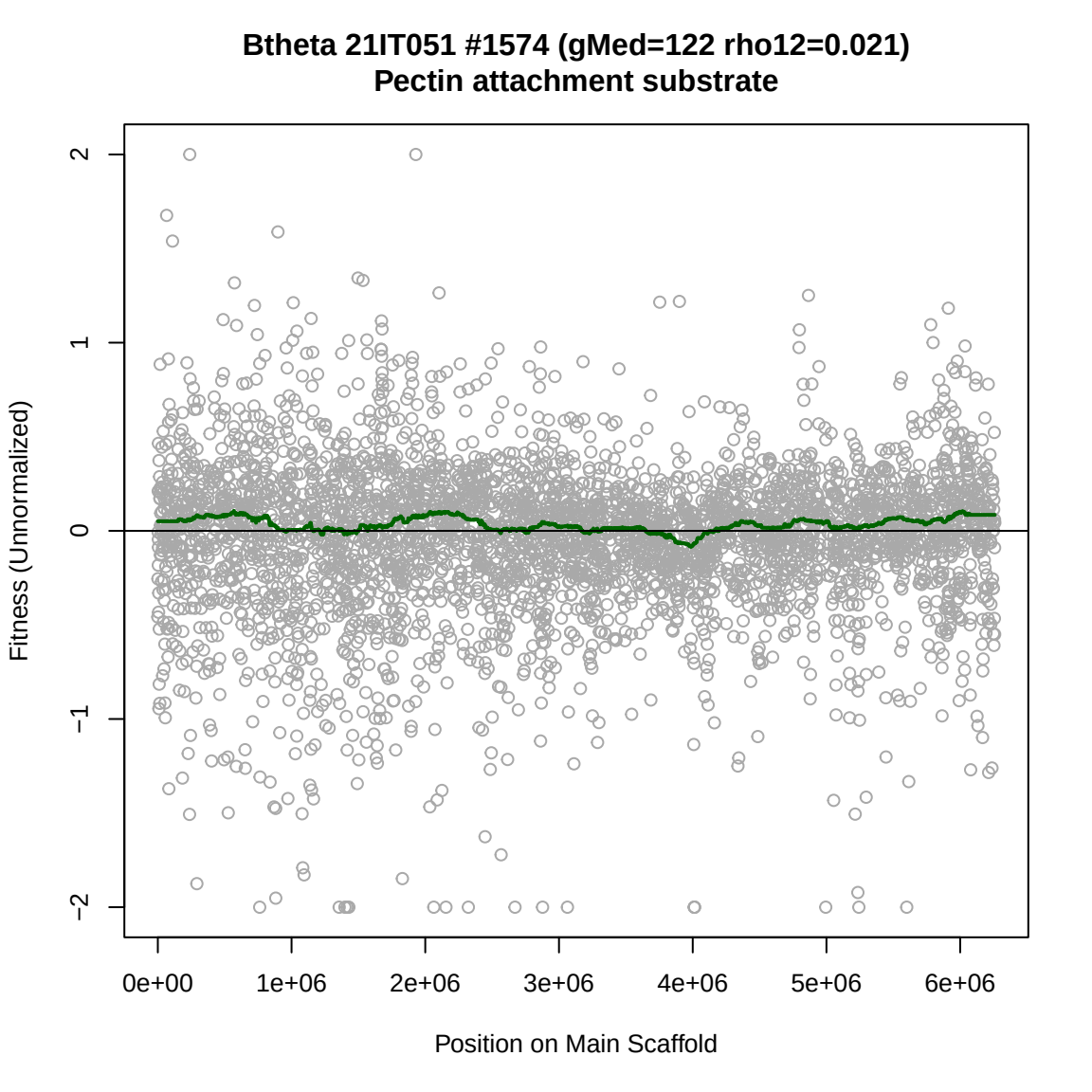

Btheta 21IT046 #1569 (gMed=89 rho12=0.032)
Mannan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

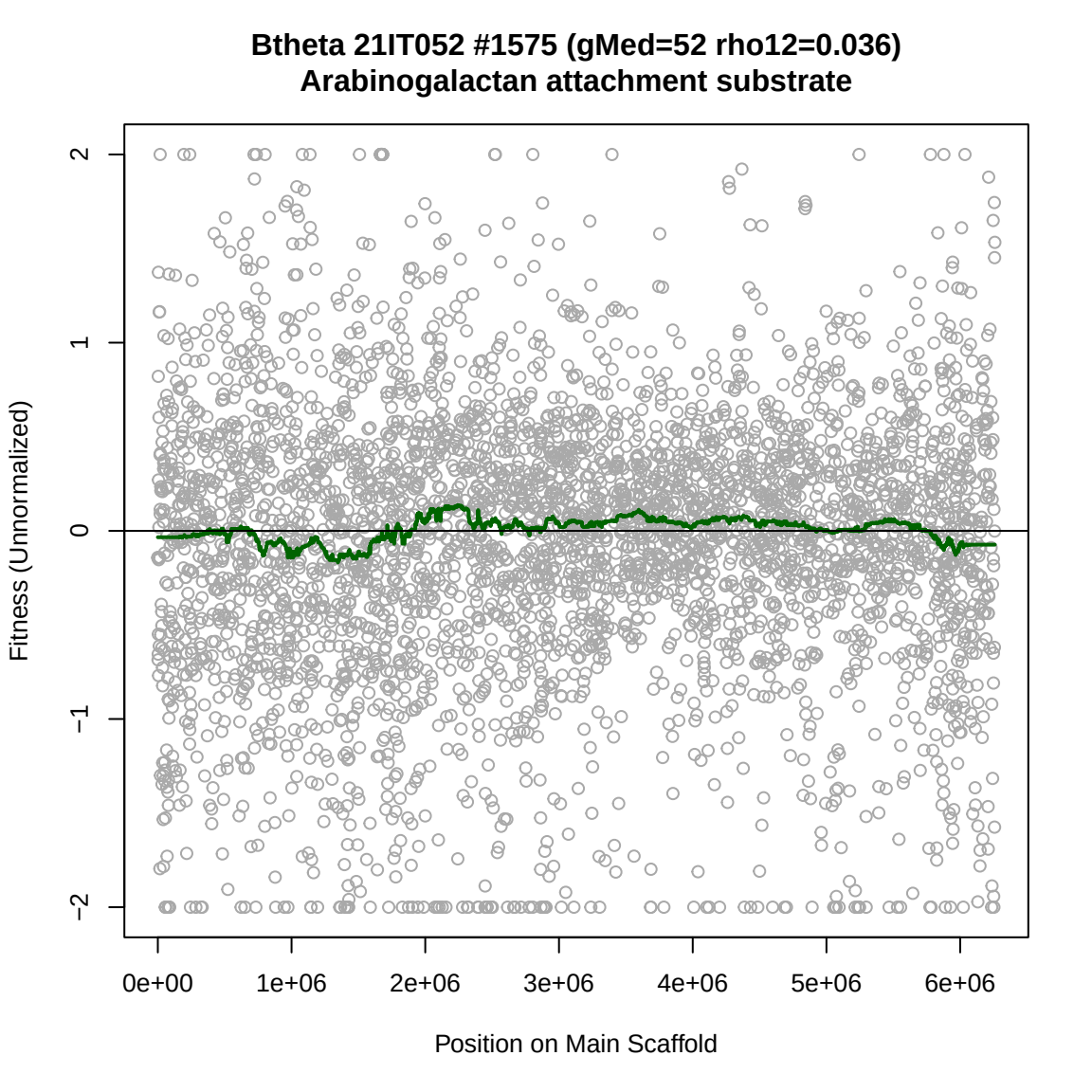

Btheta 21IT047 #1570 (gMed=105 rho12=0.041)
Mannan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

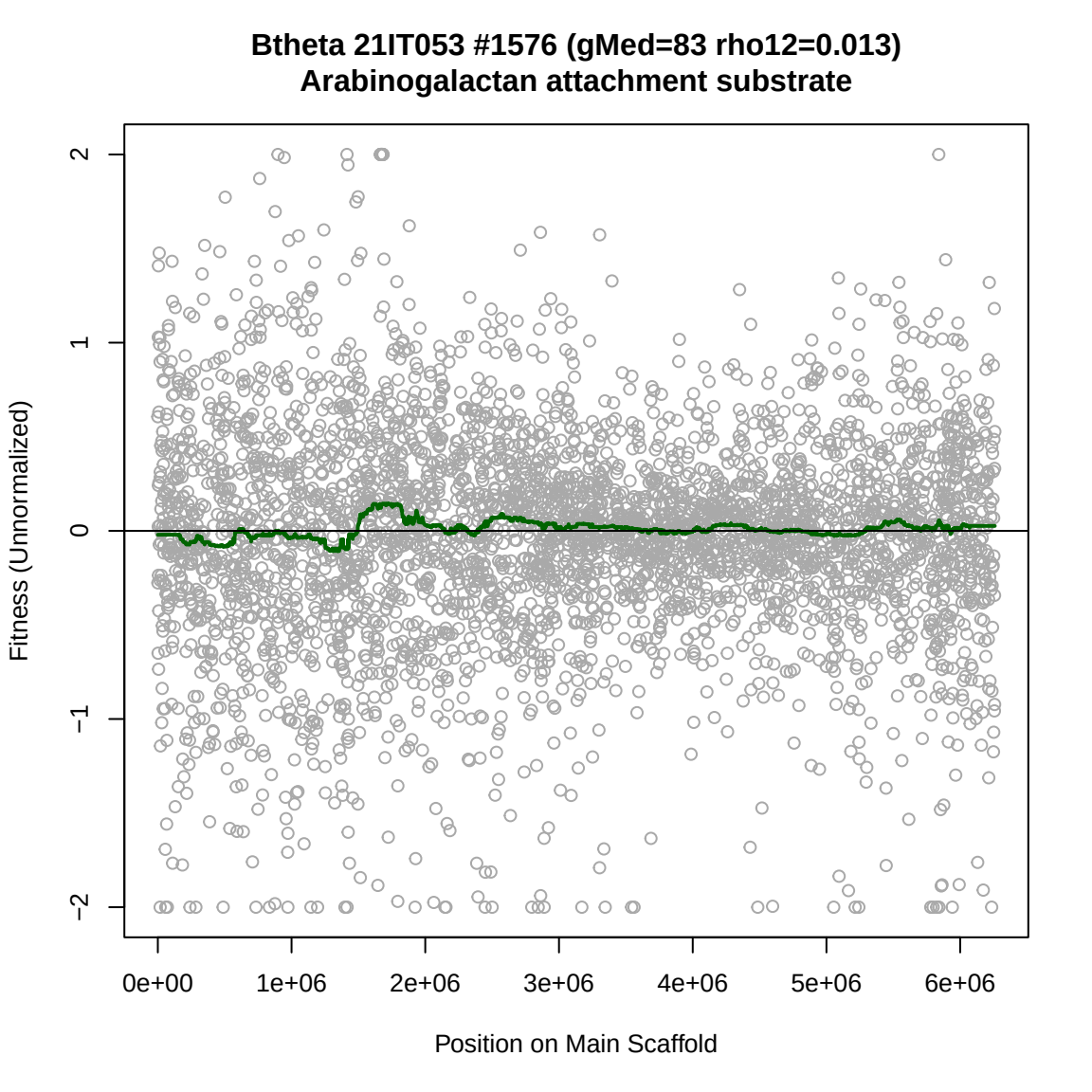

Btheta 21IT048 #1571 (gMed=102 rho12=0.056)
Mannan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

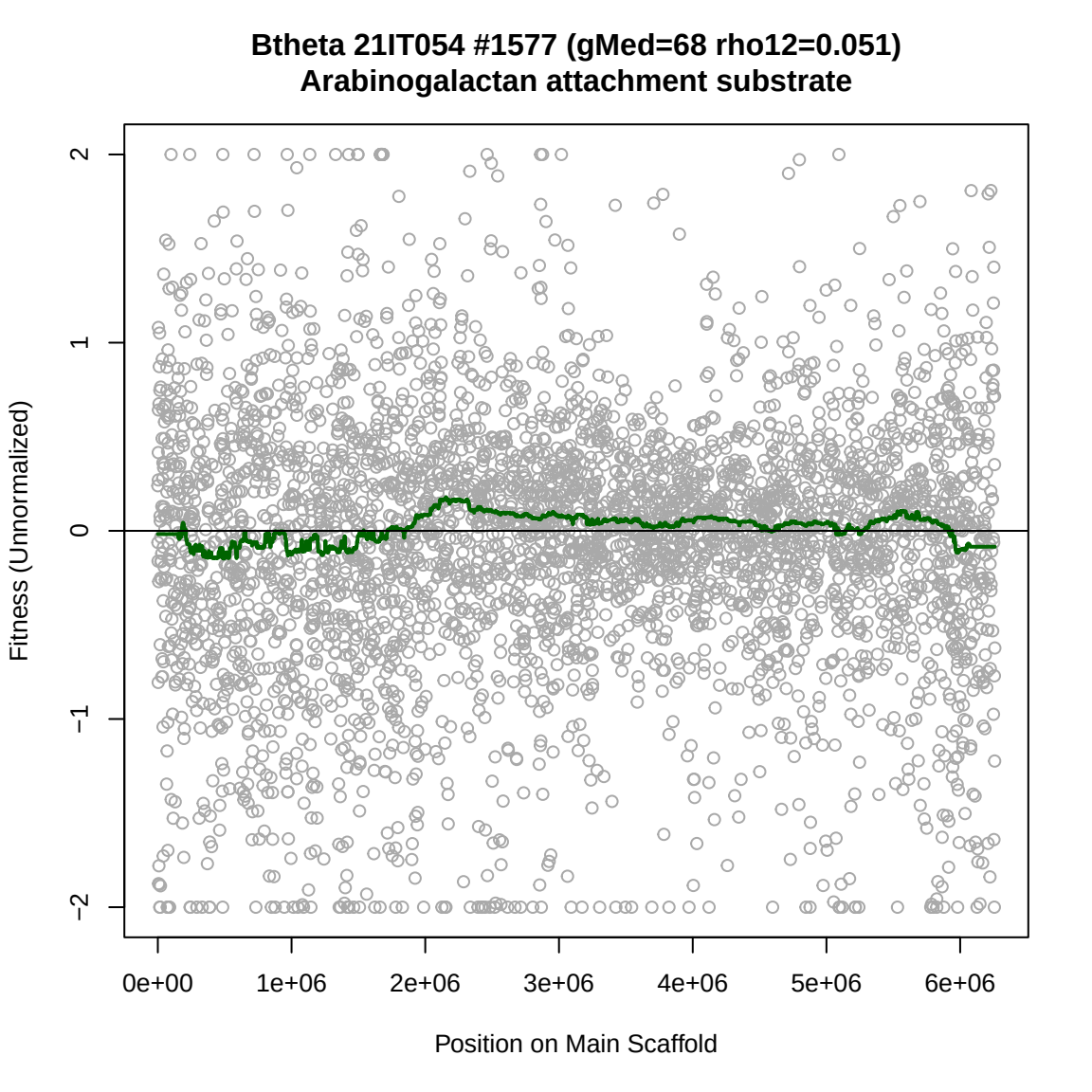

Btheta 21IT049 #1572 (gMed=138 rho12=−0.002)
Pectin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

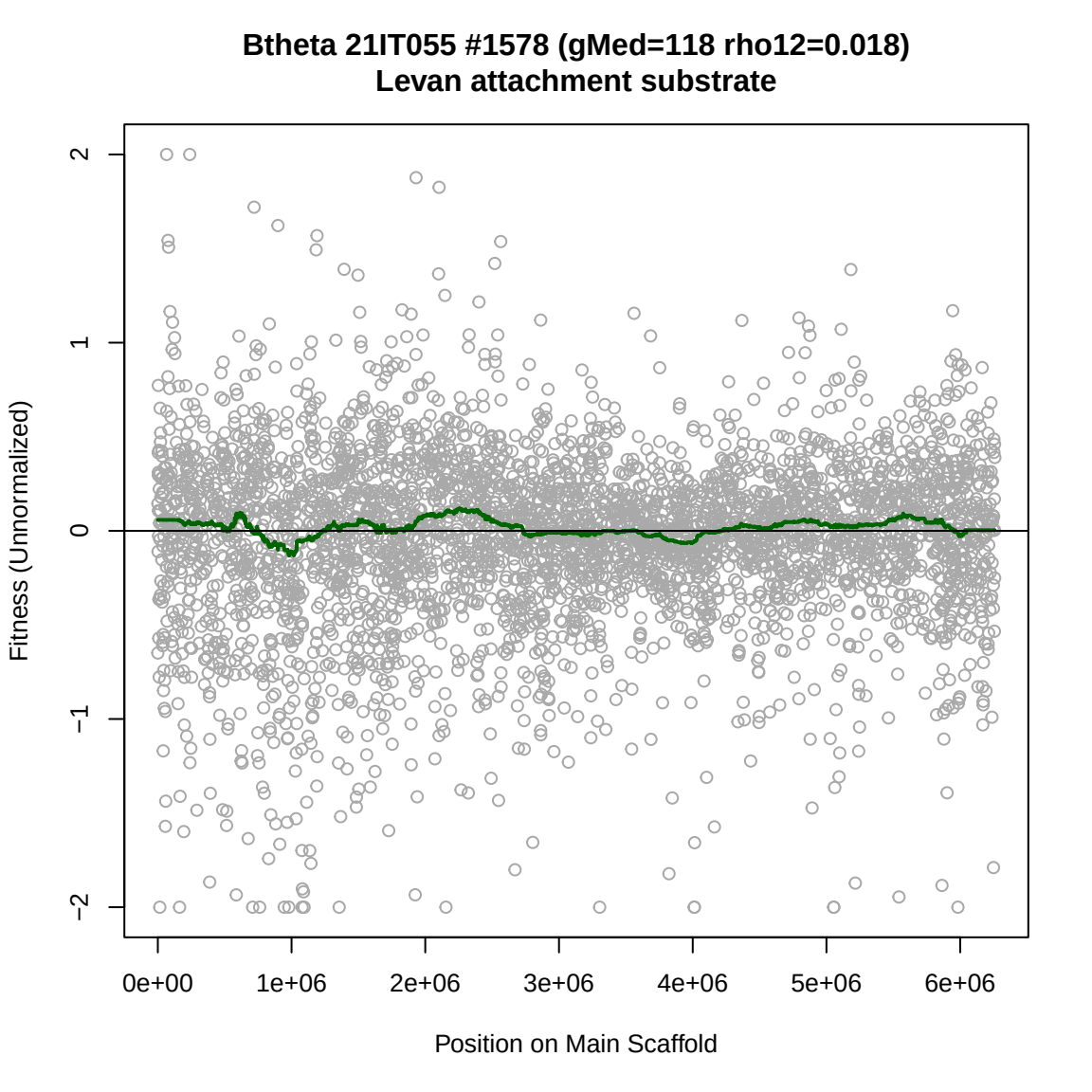

Btheta 21IT050 #1573 (gMed=128 rho12=0.096)
Pectin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

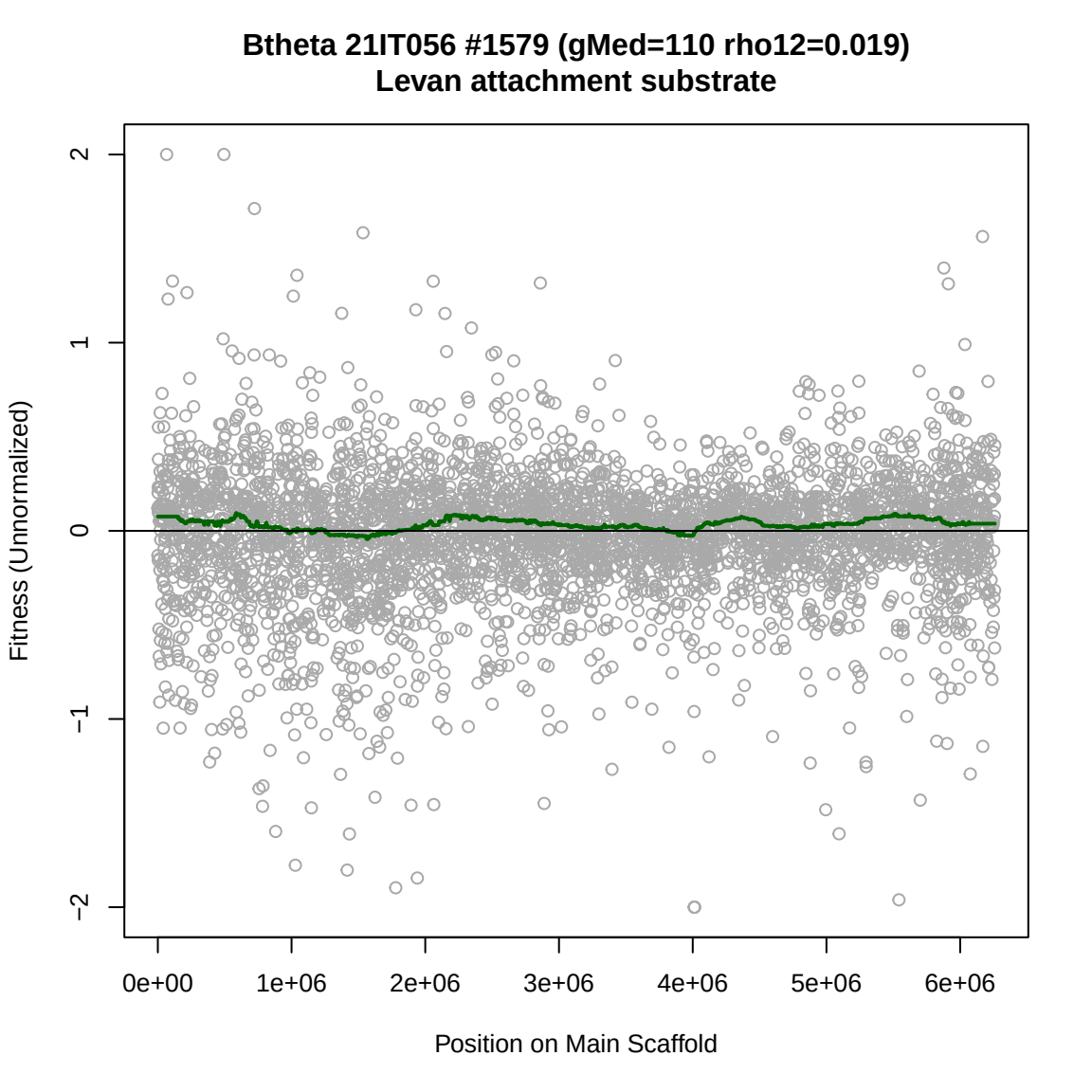

Btheta 21IT051 #1574 (gMed=122 rho12=0.021)
Pectin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

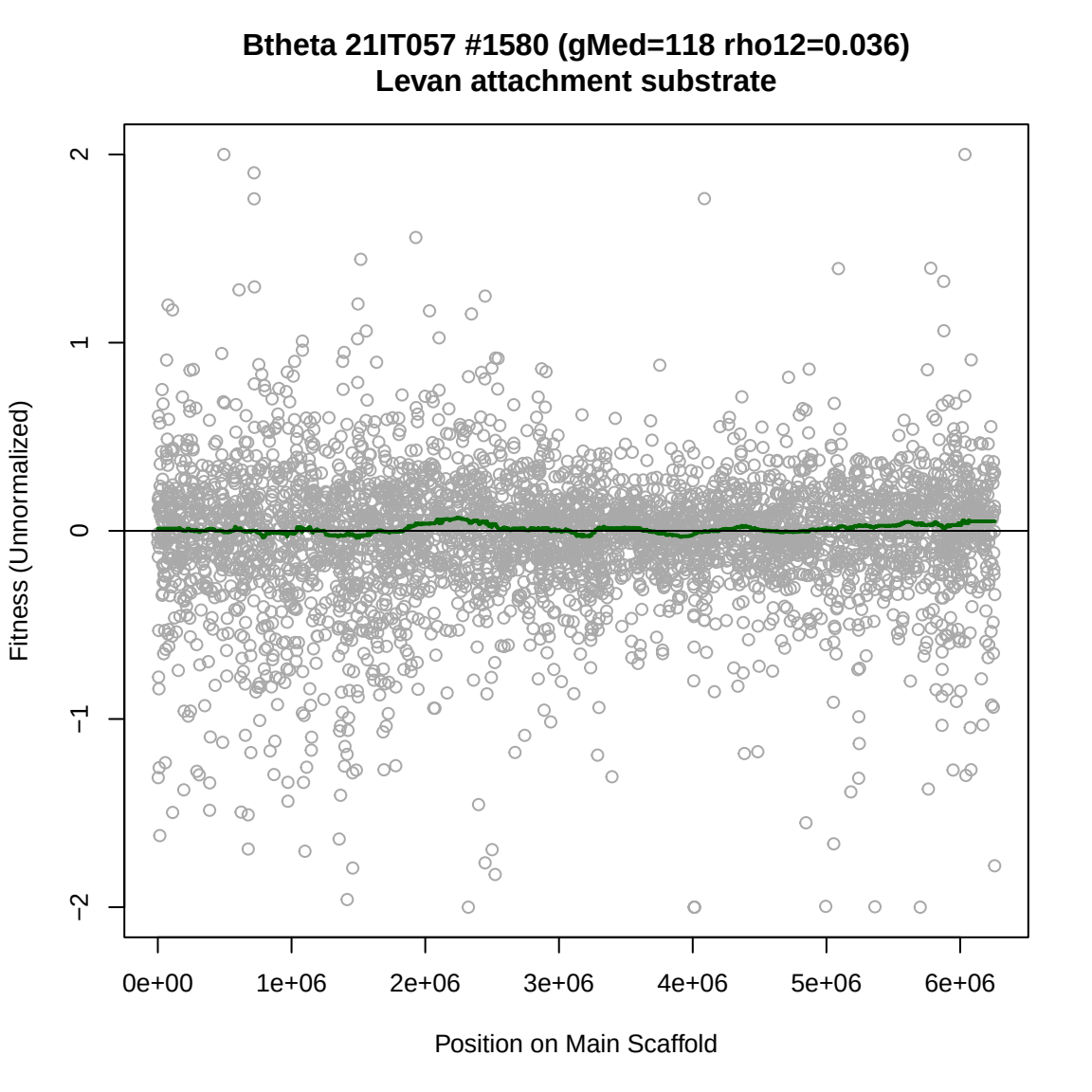

Btheta 21IT052 #1575 (gMed=52 rho12=0.036)
Arabinogalactan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

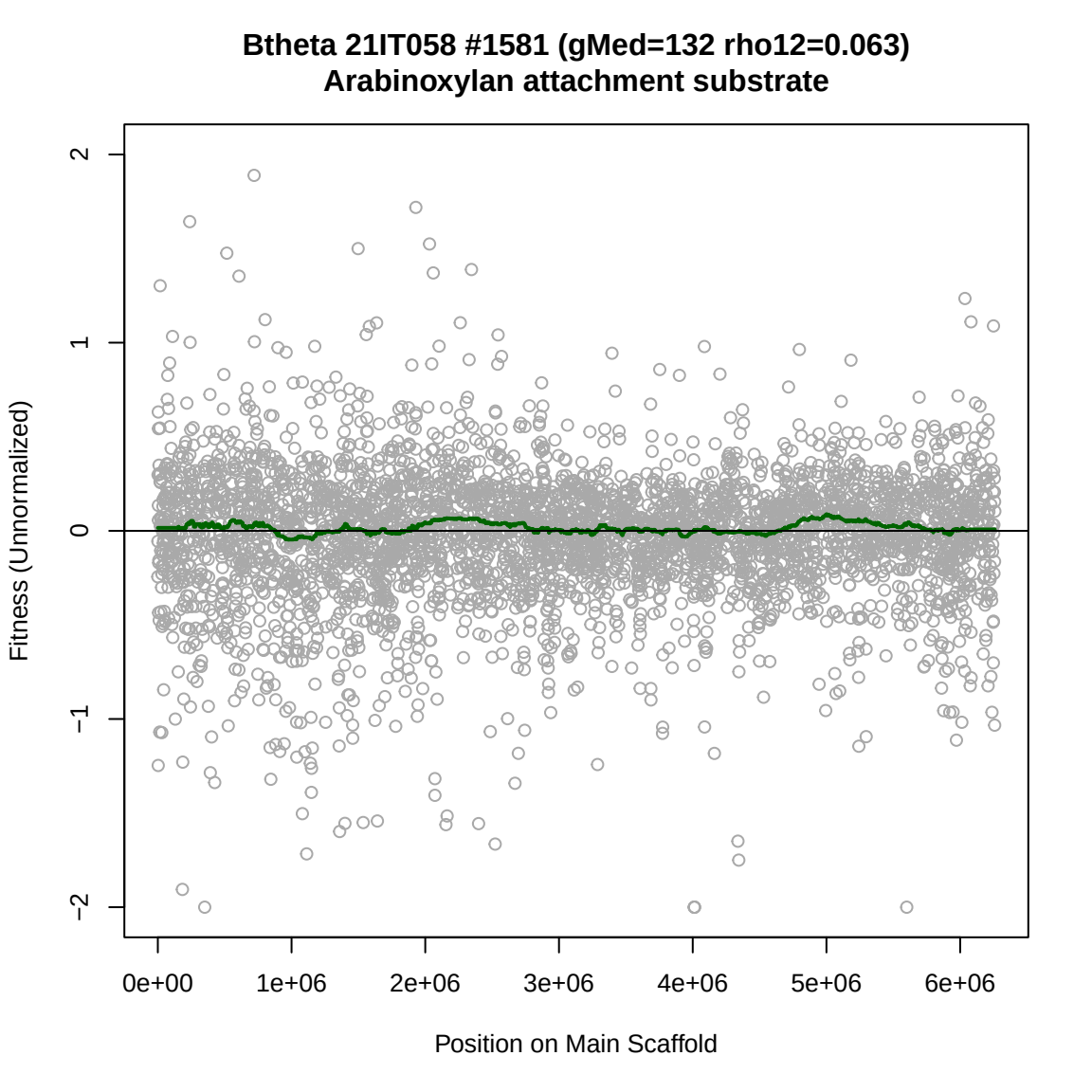

Btheta 21IT053 #1576 (gMed=83 rho12=0.013)
Arabinogalactan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

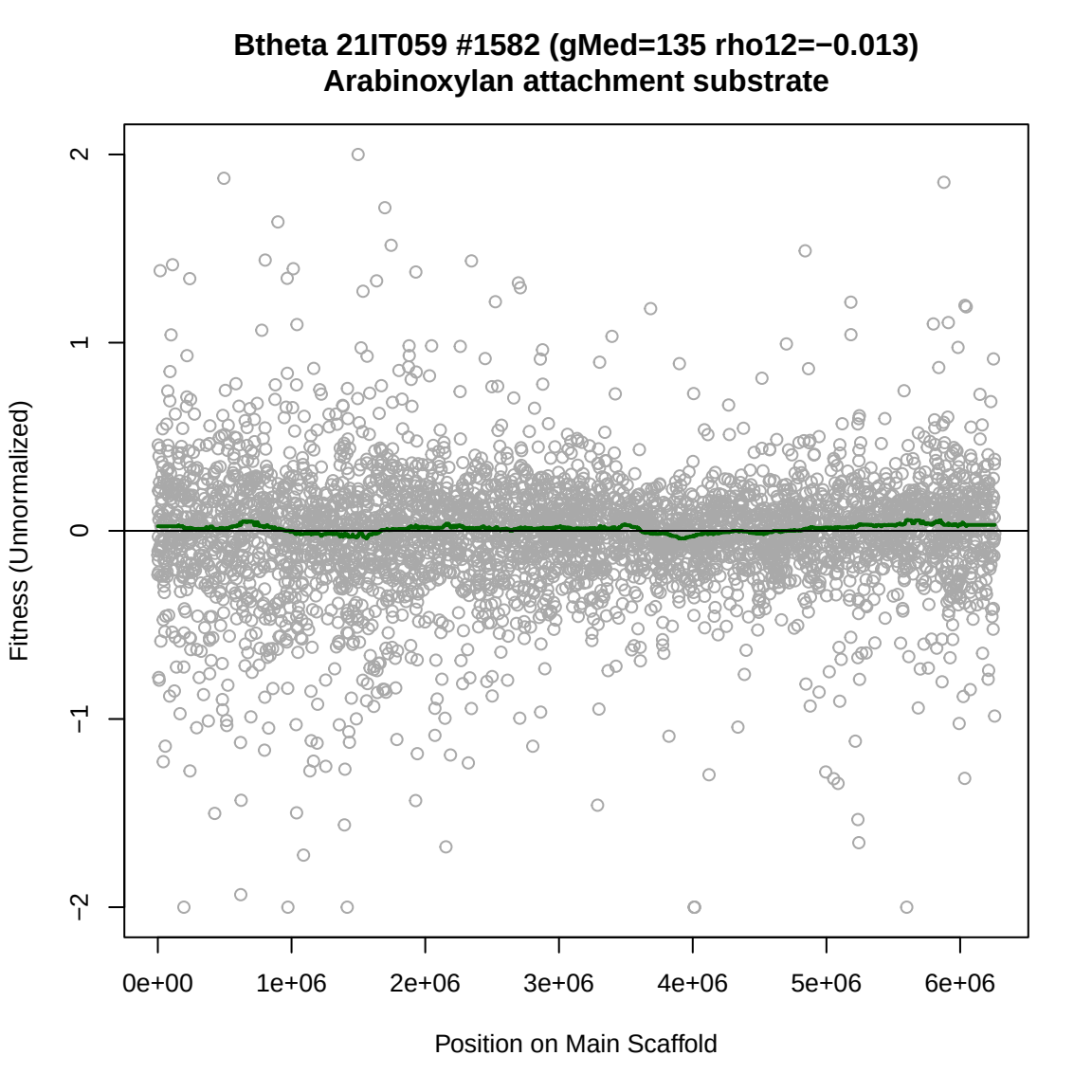

Btheta 21IT054 #1577 (gMed=68 rho12=0.051)
Arabinogalactan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

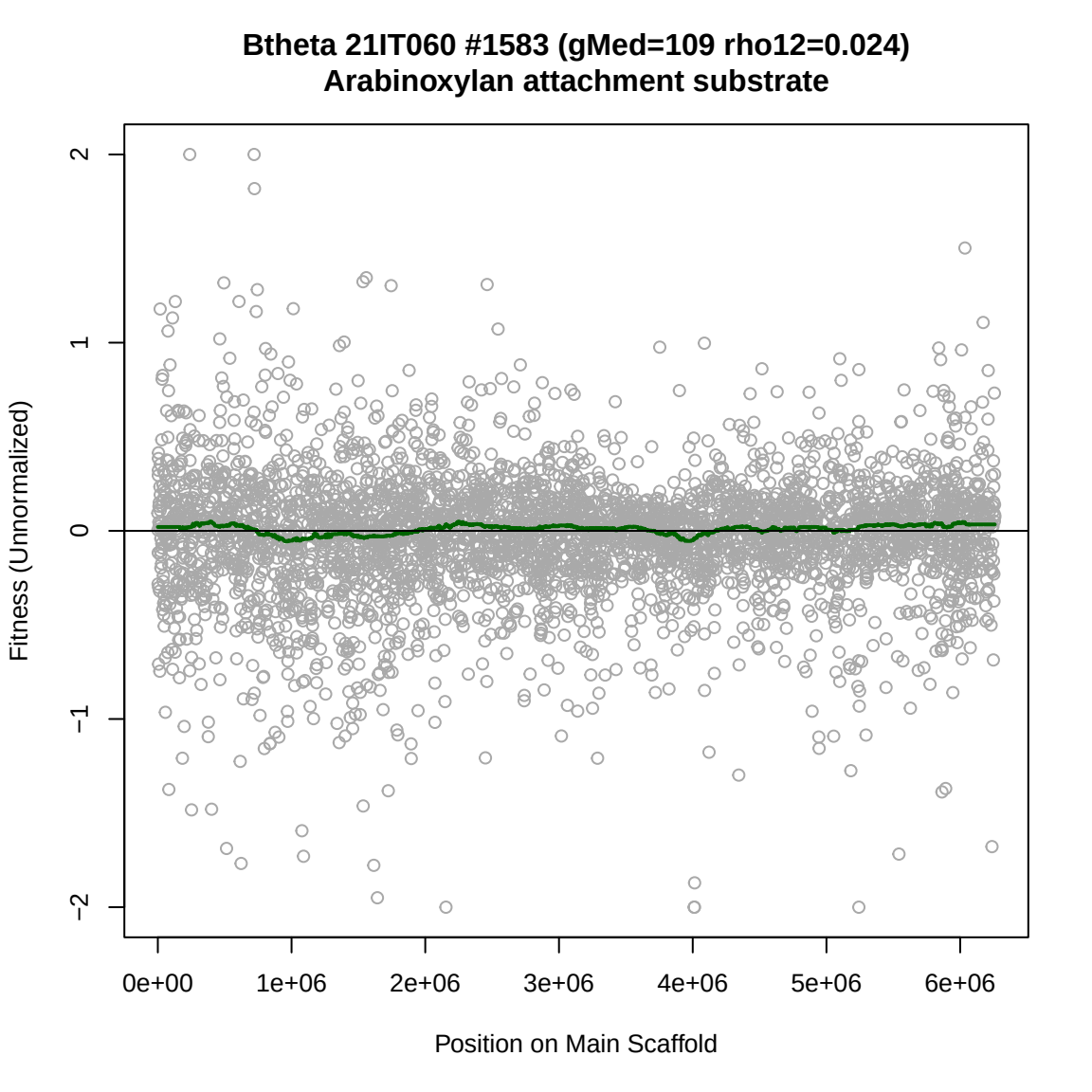

Btheta 21IT055 #1578 (gMed=118 rho12=0.018)
Levan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

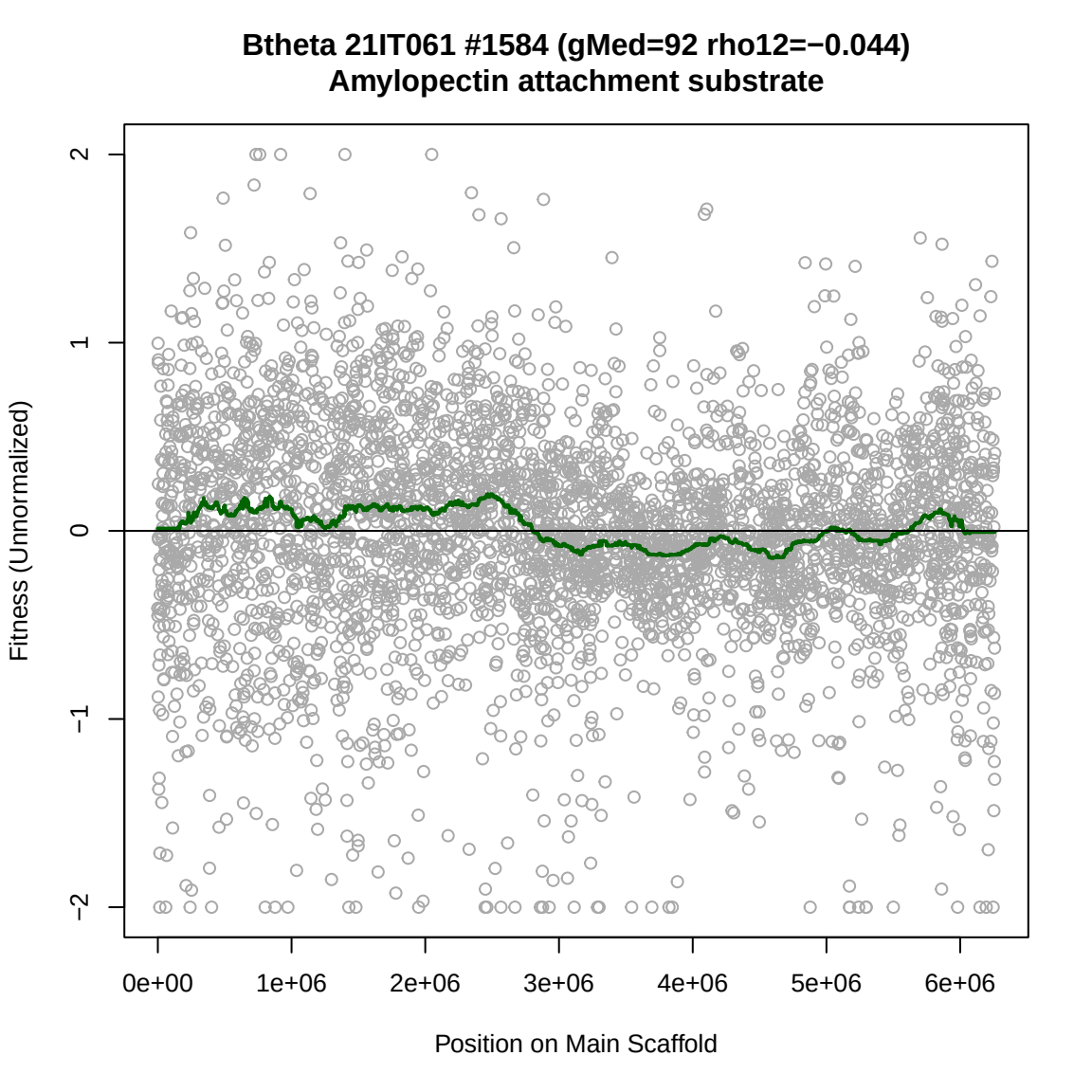

Btheta 21IT056 #1579 (gMed=110 rho12=0.019)
Levan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

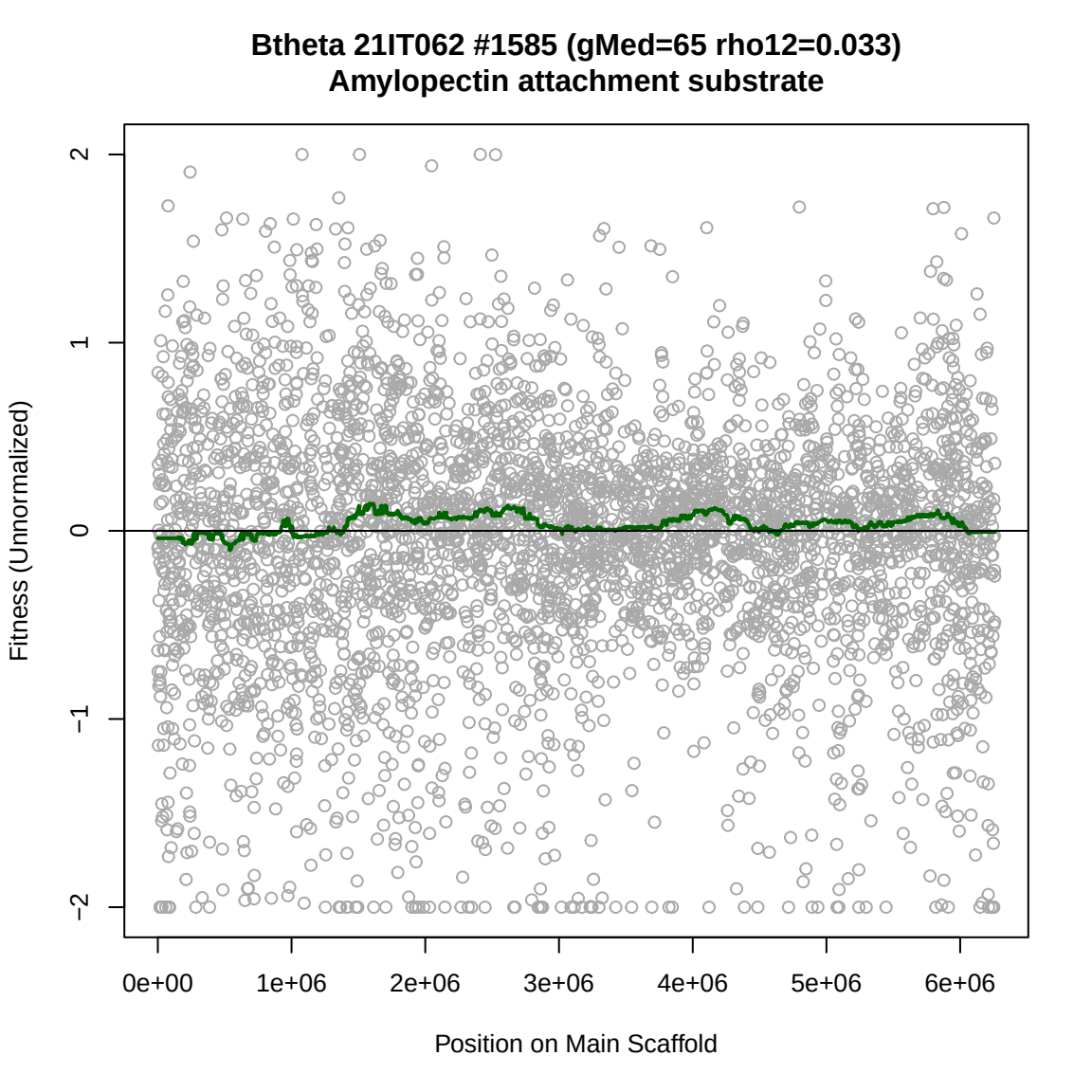

Btheta 21IT057 #1580 (gMed=118 rho12=0.036)
Levan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

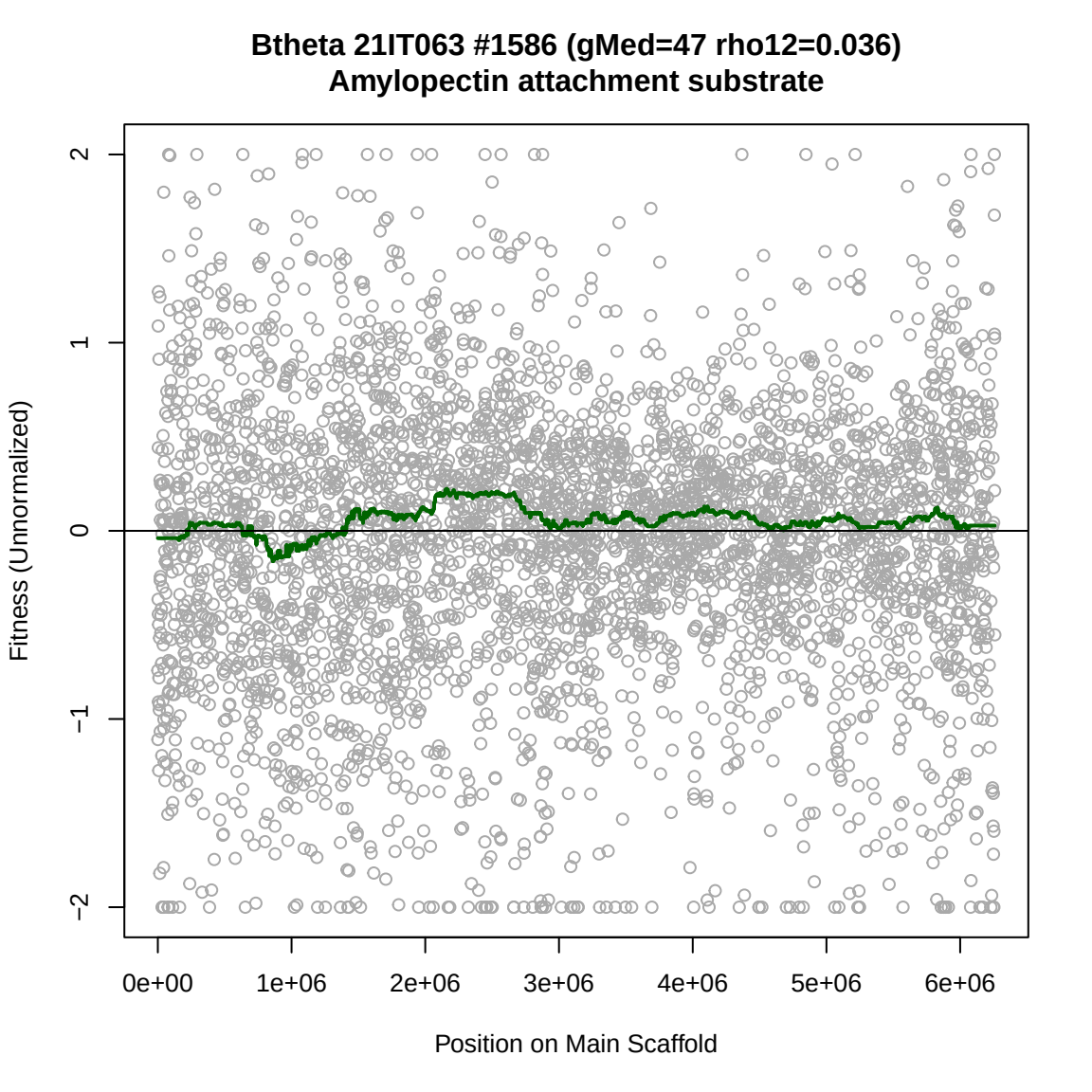

Btheta 21IT058 #1581 (gMed=132 rho12=0.063)
Arabinoxylan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

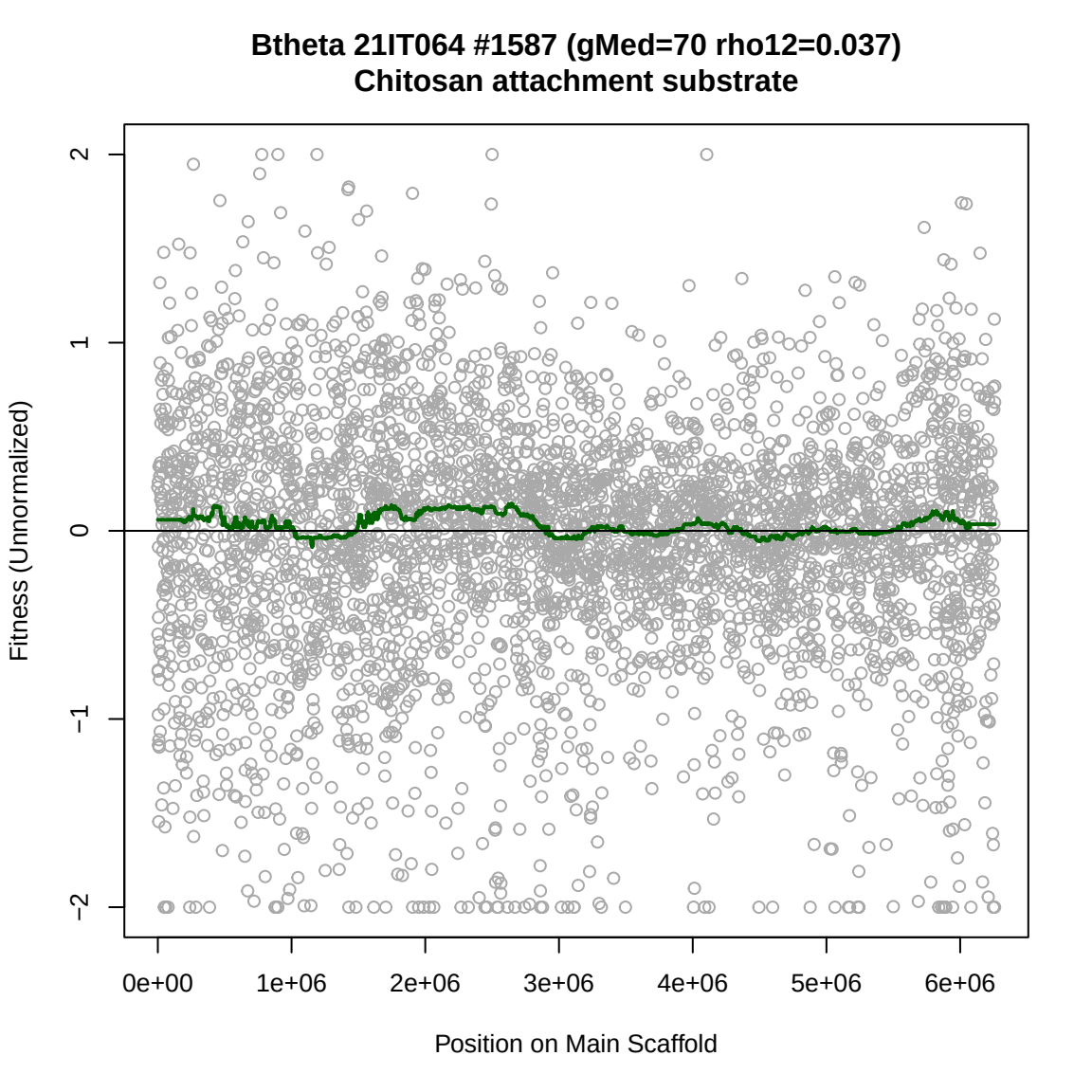

Btheta 21IT059 #1582 (gMed=135 rho12=−0.013)
Arabinoxylan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

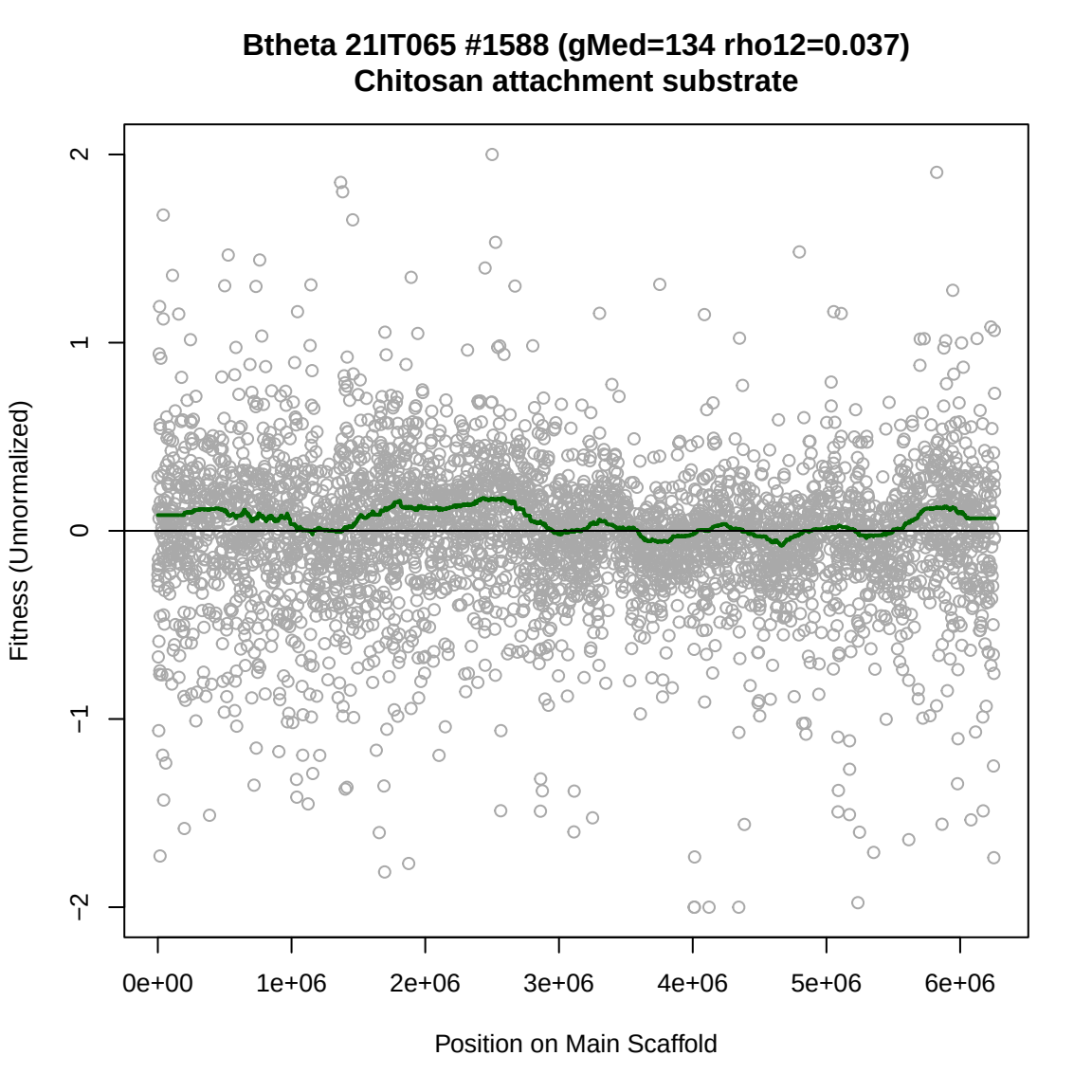

Btheta 21IT060 #1583 (gMed=109 rho12=0.024)
Arabinoxylan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

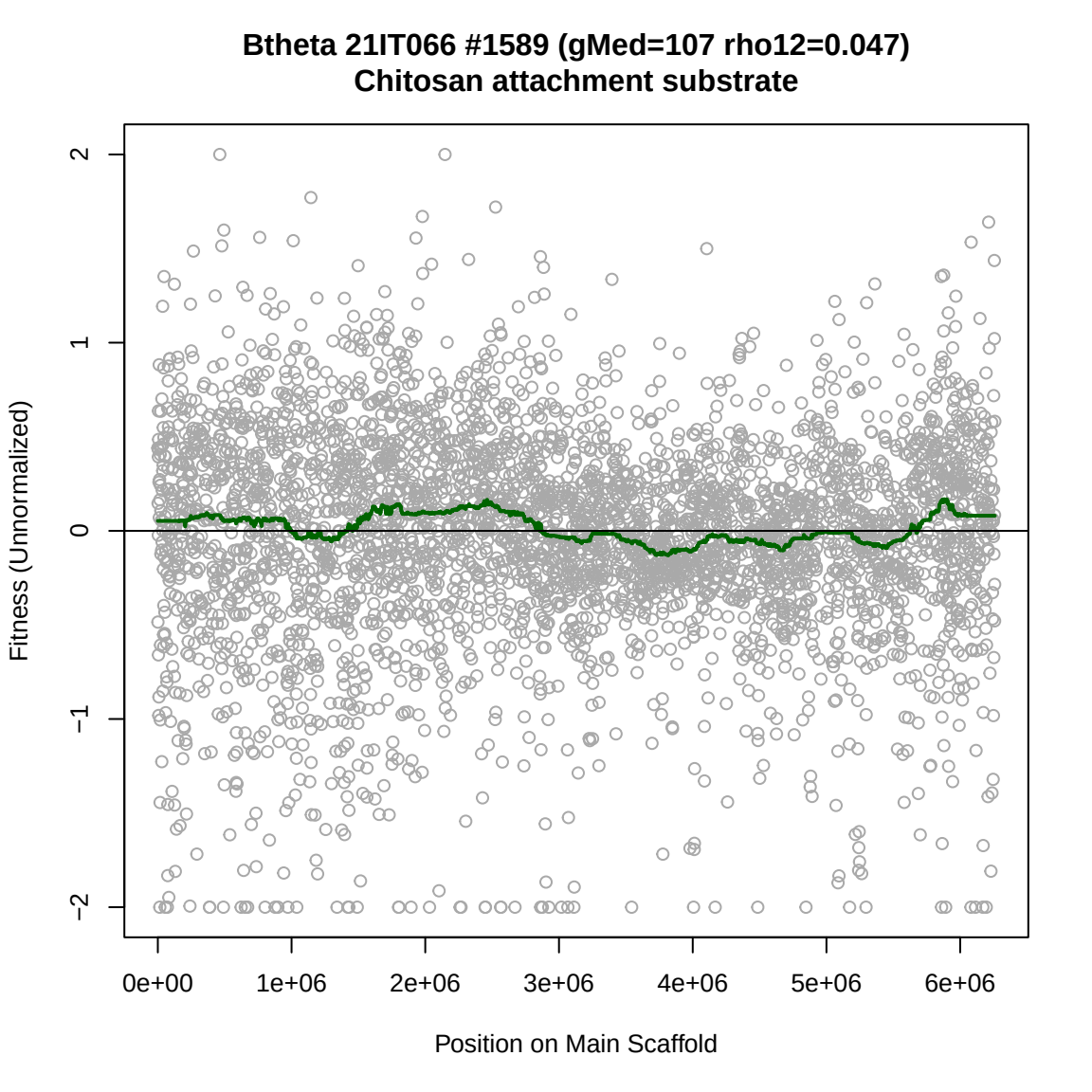

Btheta 21IT061 #1584 (gMed=92 rho12=−0.044)
Amylopectin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

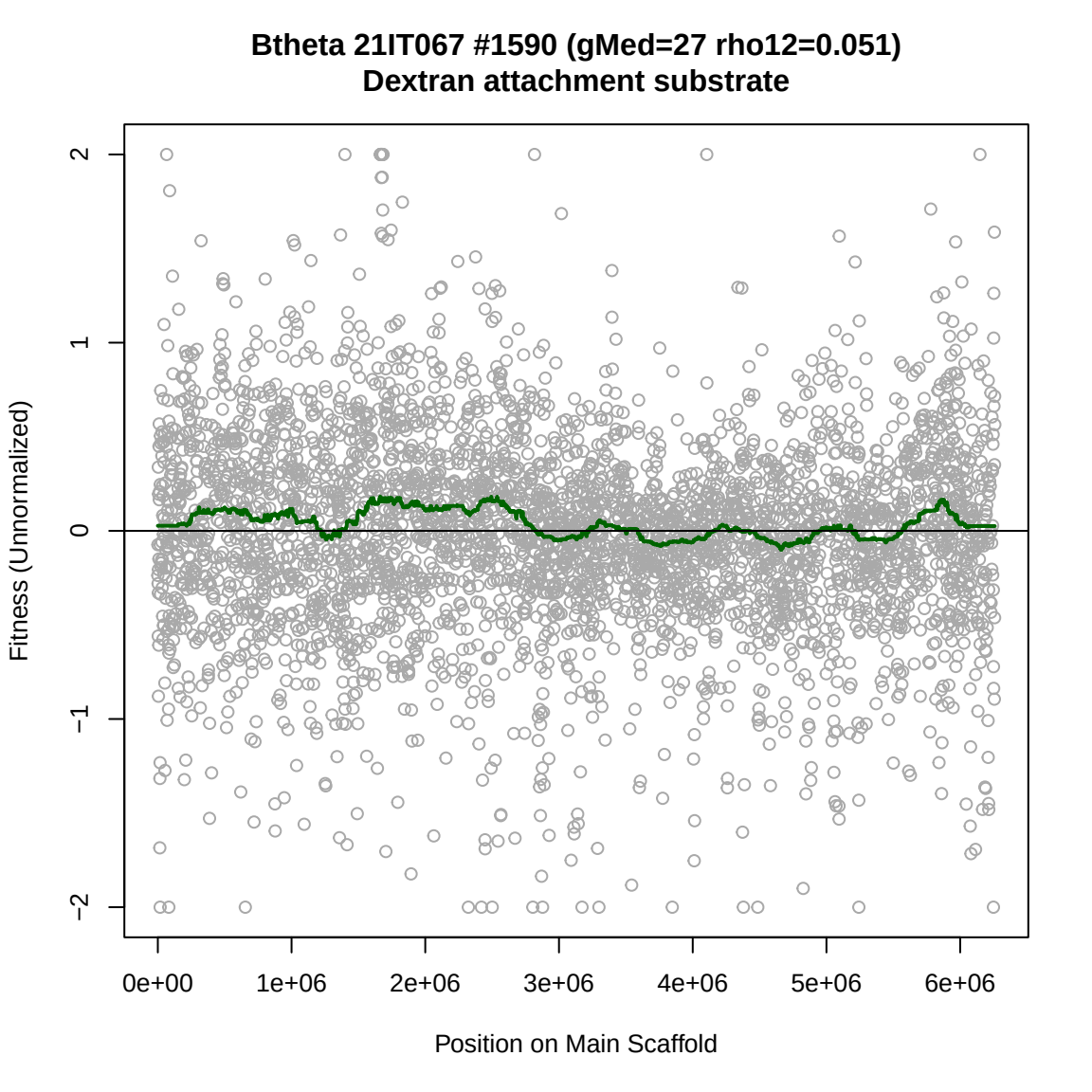

Btheta 21IT062 #1585 (gMed=65 rho12=0.033)
Amylopectin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

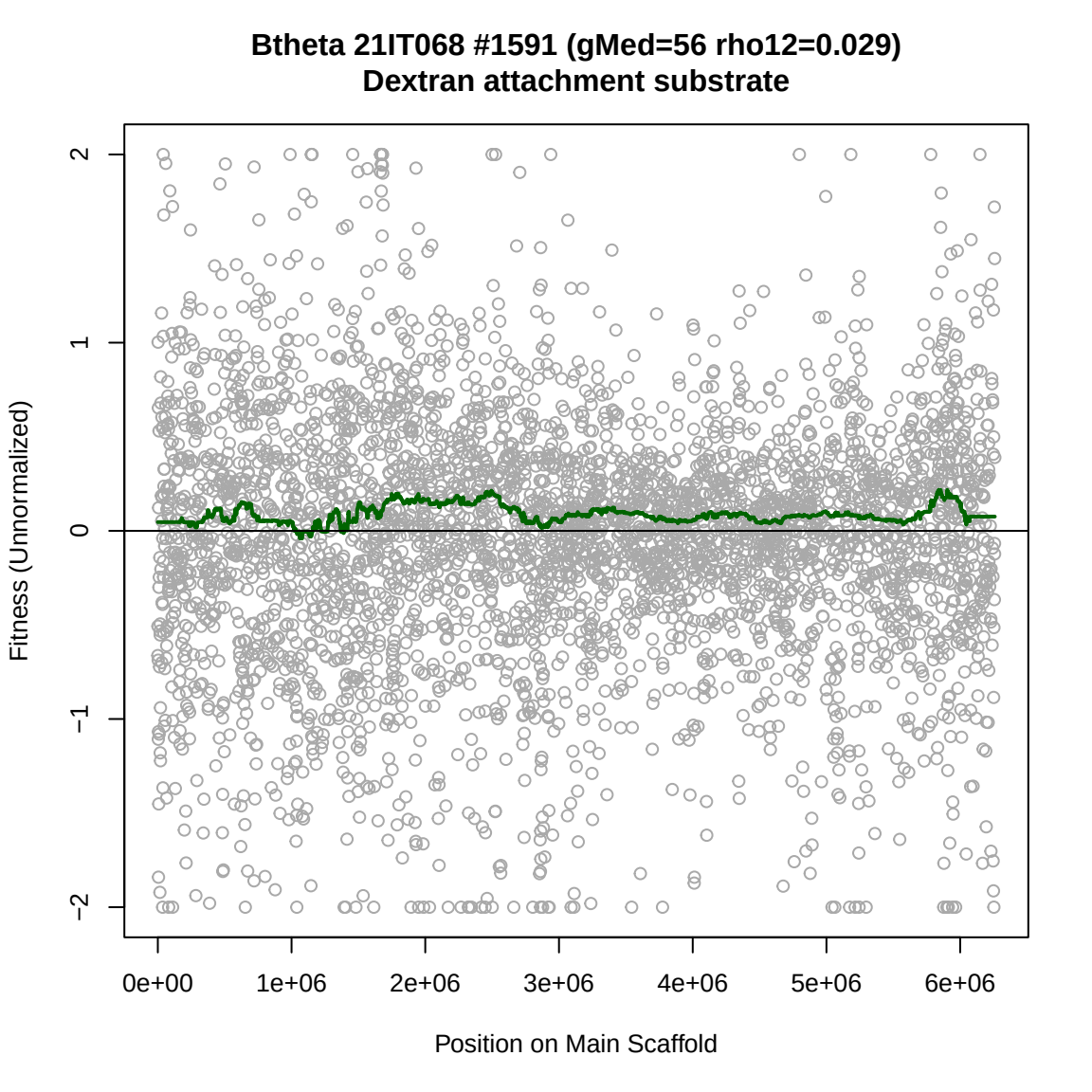

Btheta 21IT063 #1586 (gMed=47 rho12=0.036)
Amylopectin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

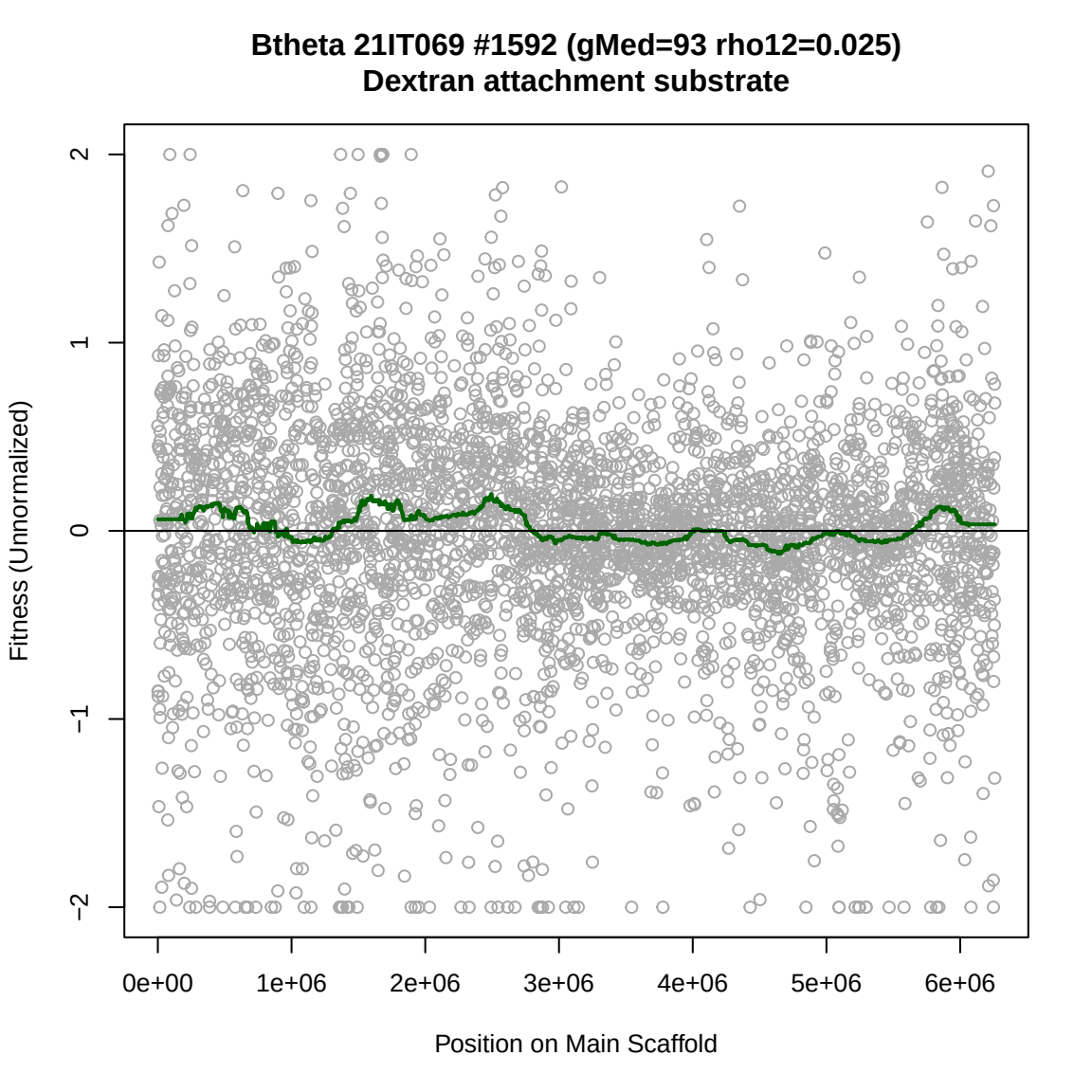

Btheta 21IT064 #1587 (gMed=70 rho12=0.037)
Chitosan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

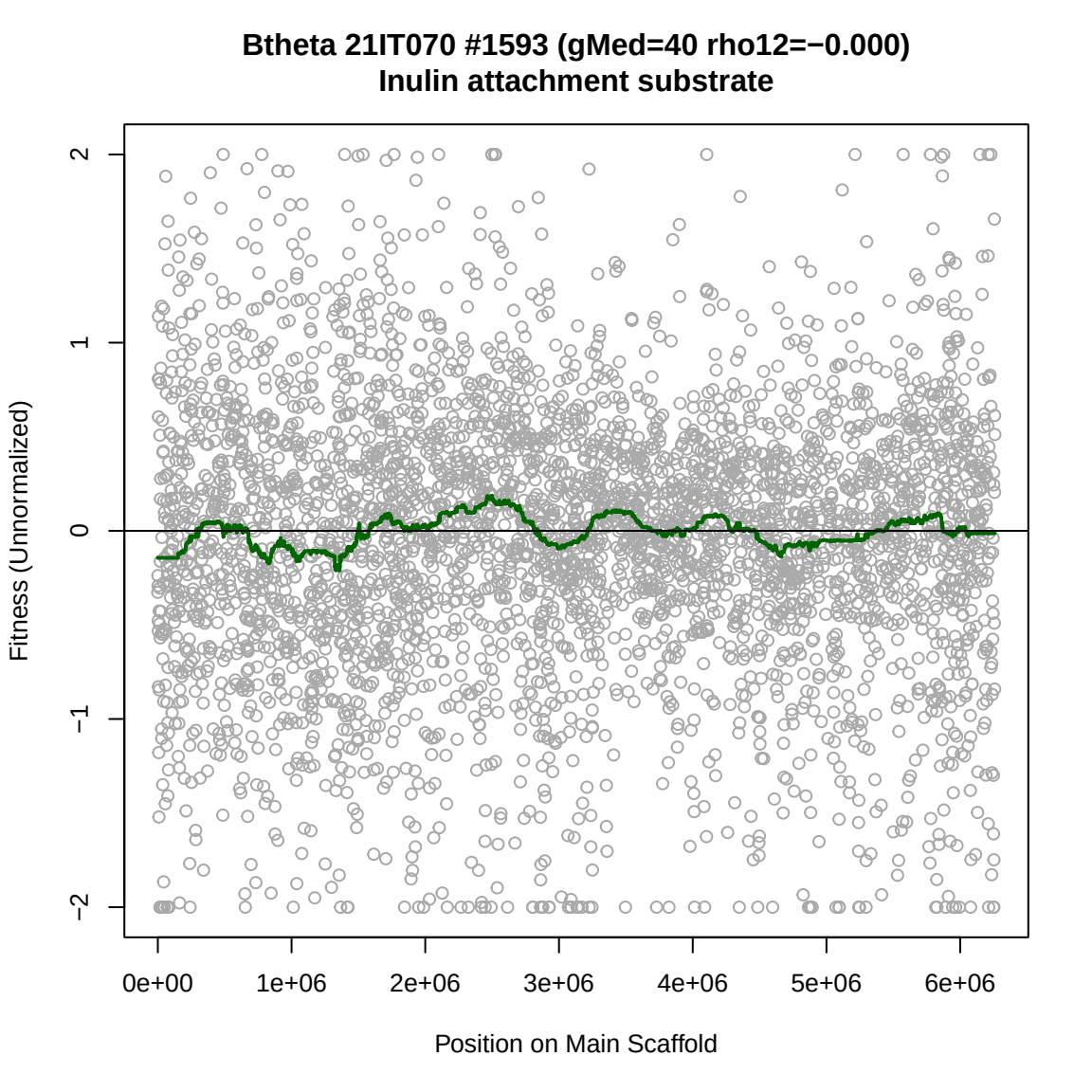

Btheta 21IT065 #1588 (gMed=134 rho12=0.037)
Chitosan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

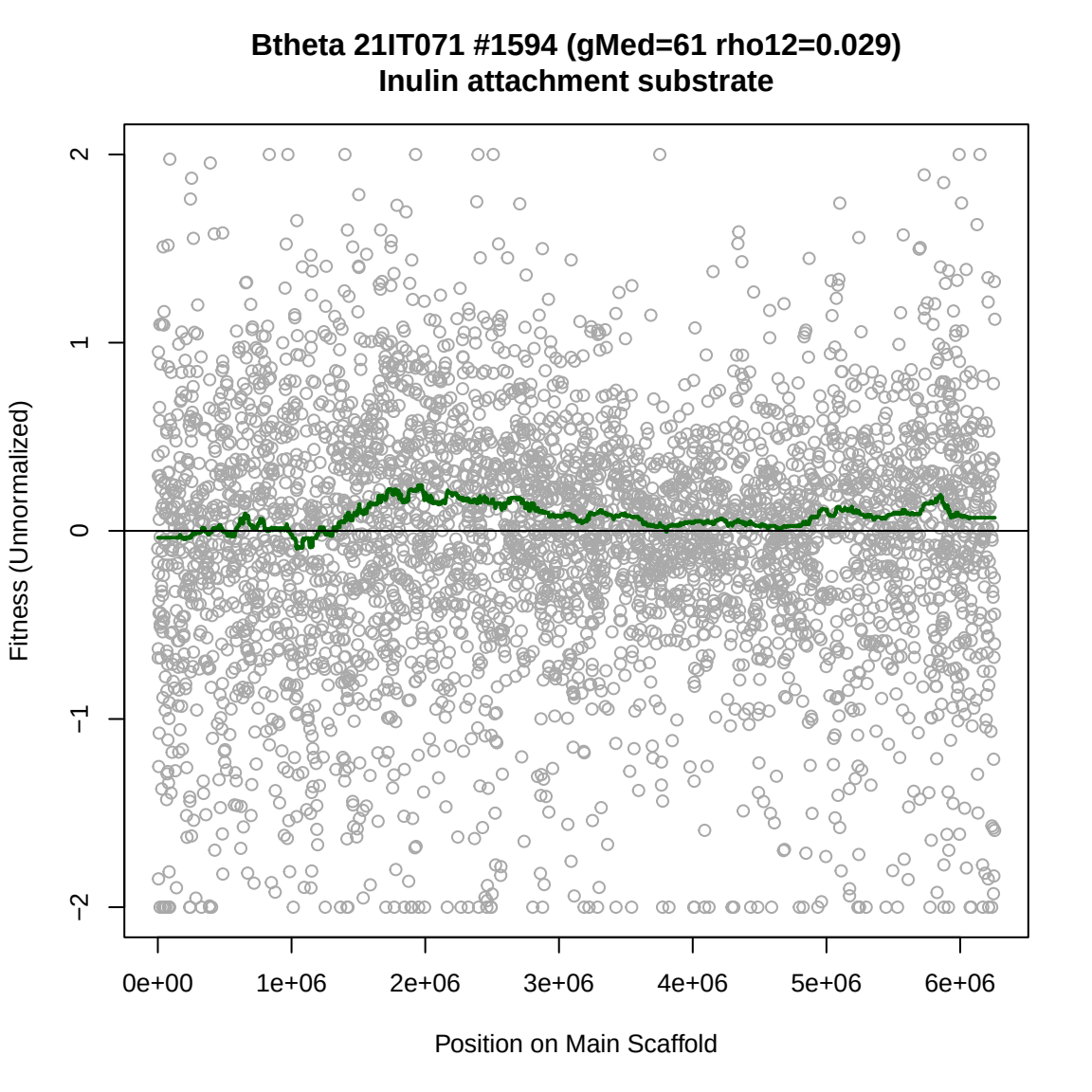

Btheta 21IT066 #1589 (gMed=107 rho12=0.047)
Chitosan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

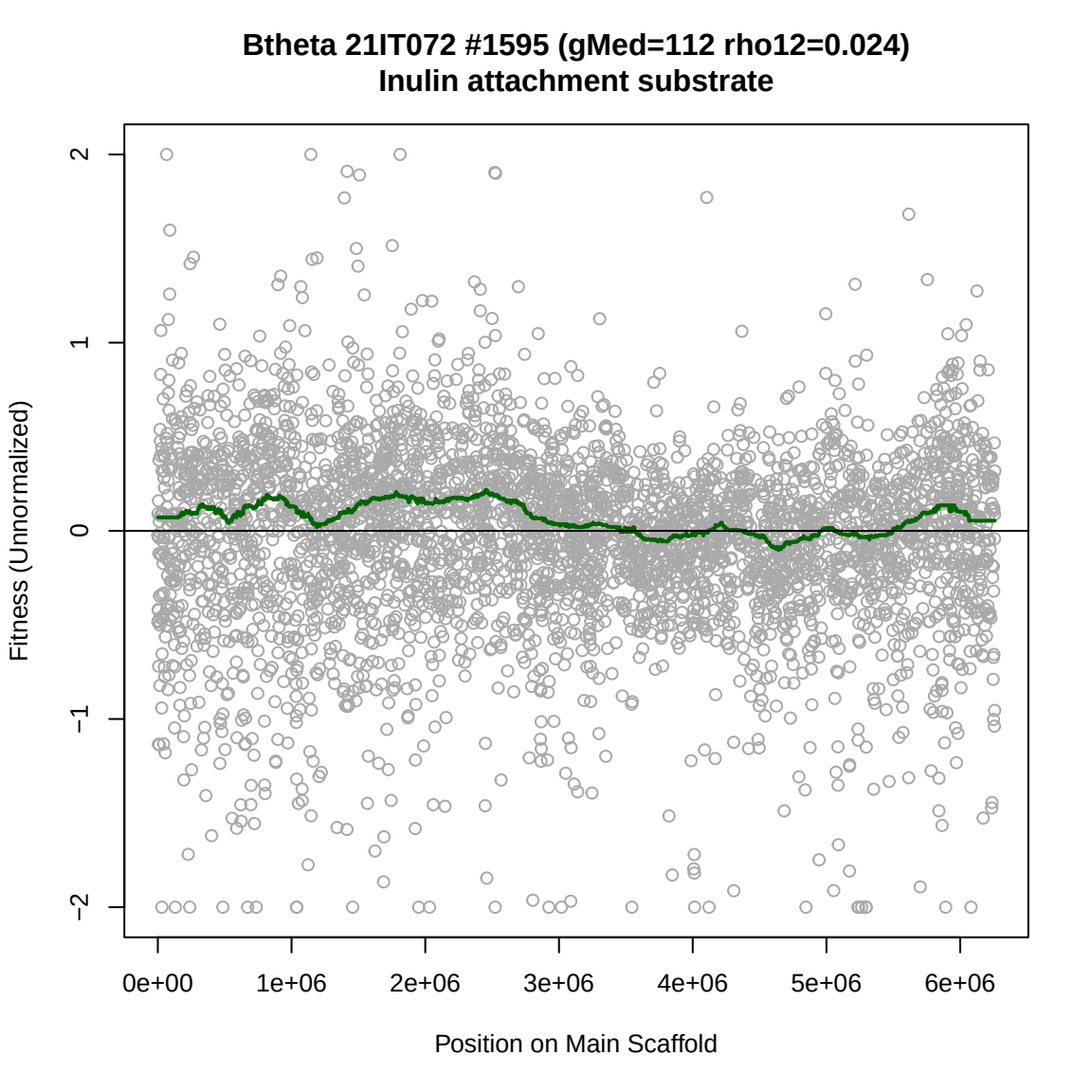

Btheta 21IT067 #1590 (gMed=27 rho12=0.051)
Dextran attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

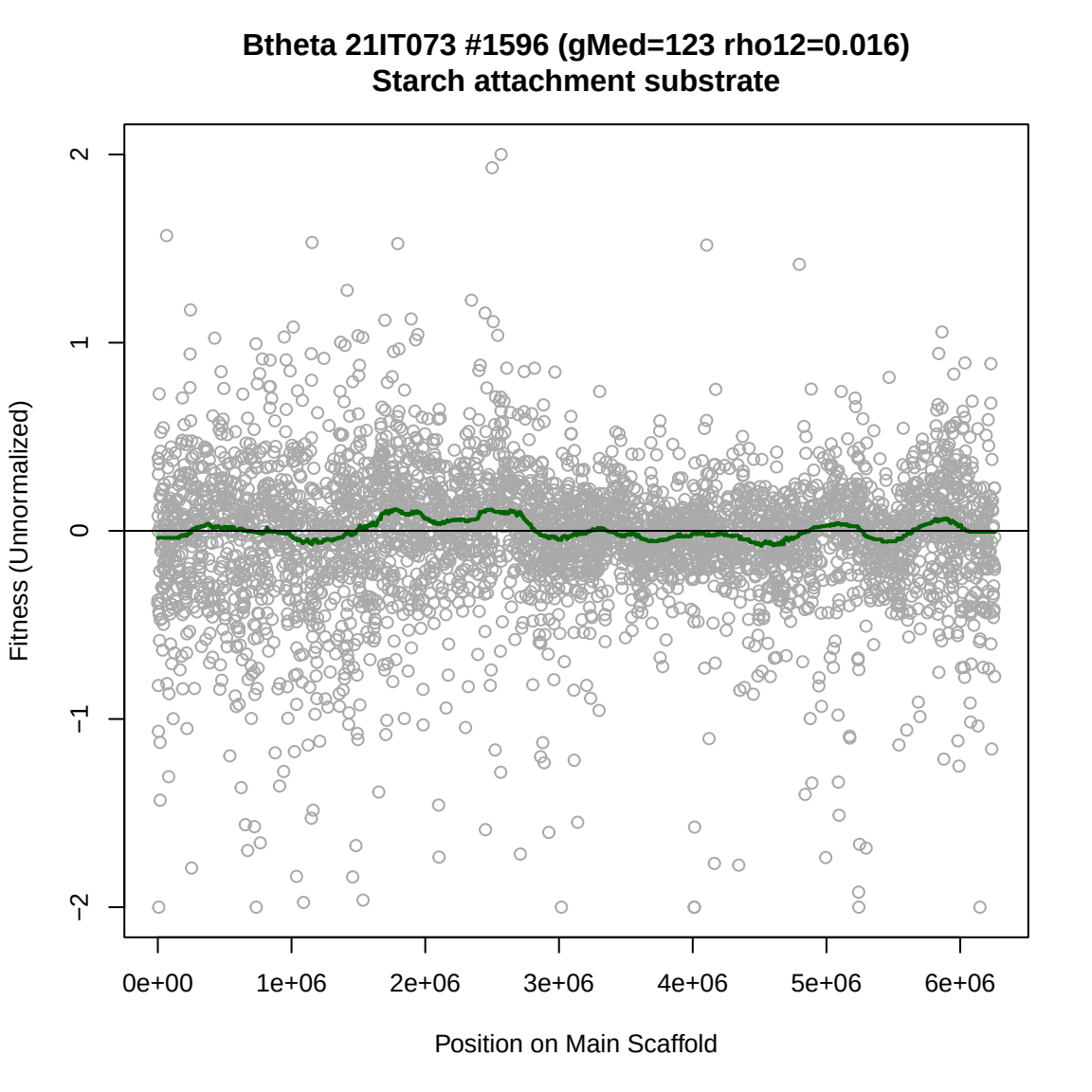

Btheta 21IT068 #1591 (gMed=56 rho12=0.029)
Dextran attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

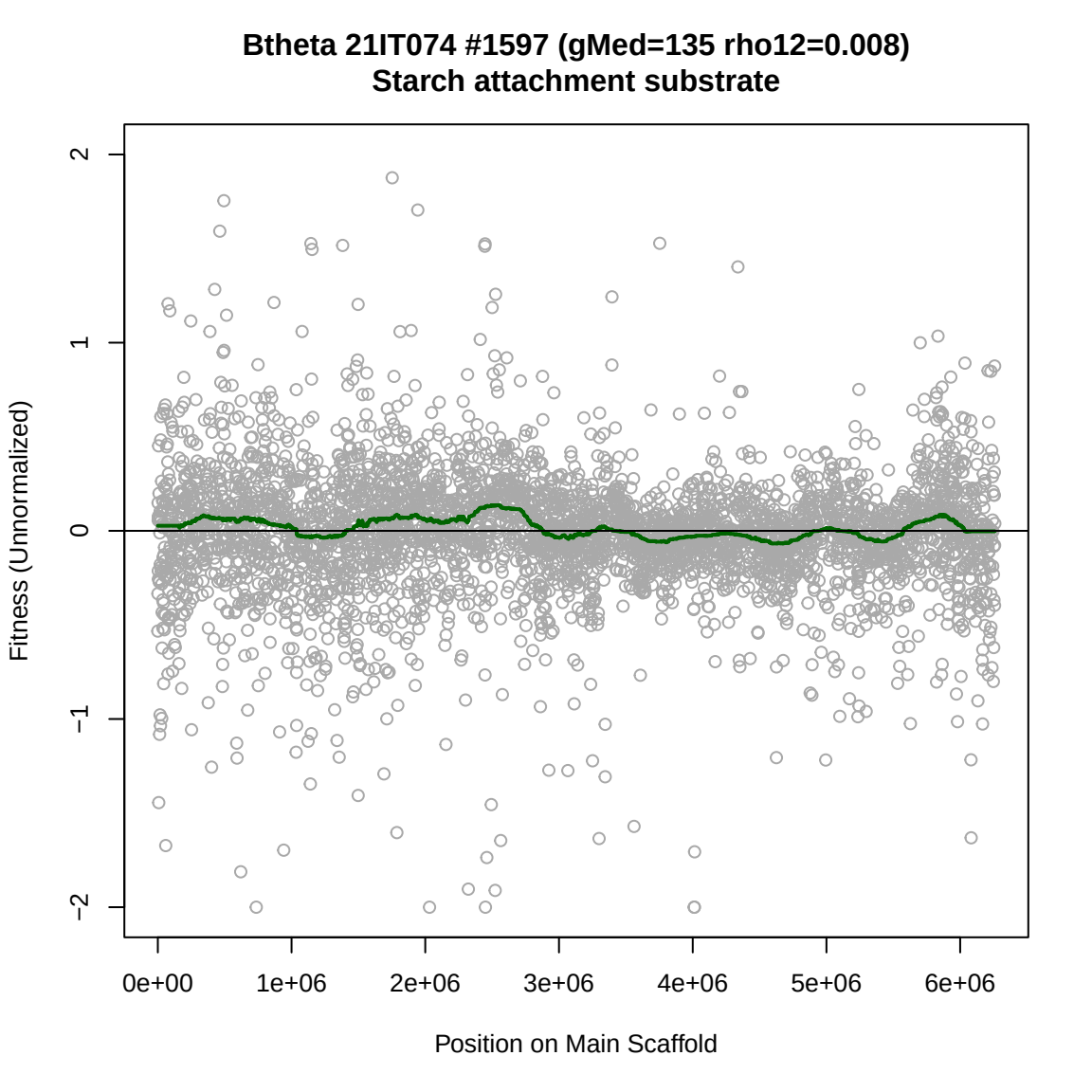

Btheta 21IT069 #1592 (gMed=93 rho12=0.025)
Dextran attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

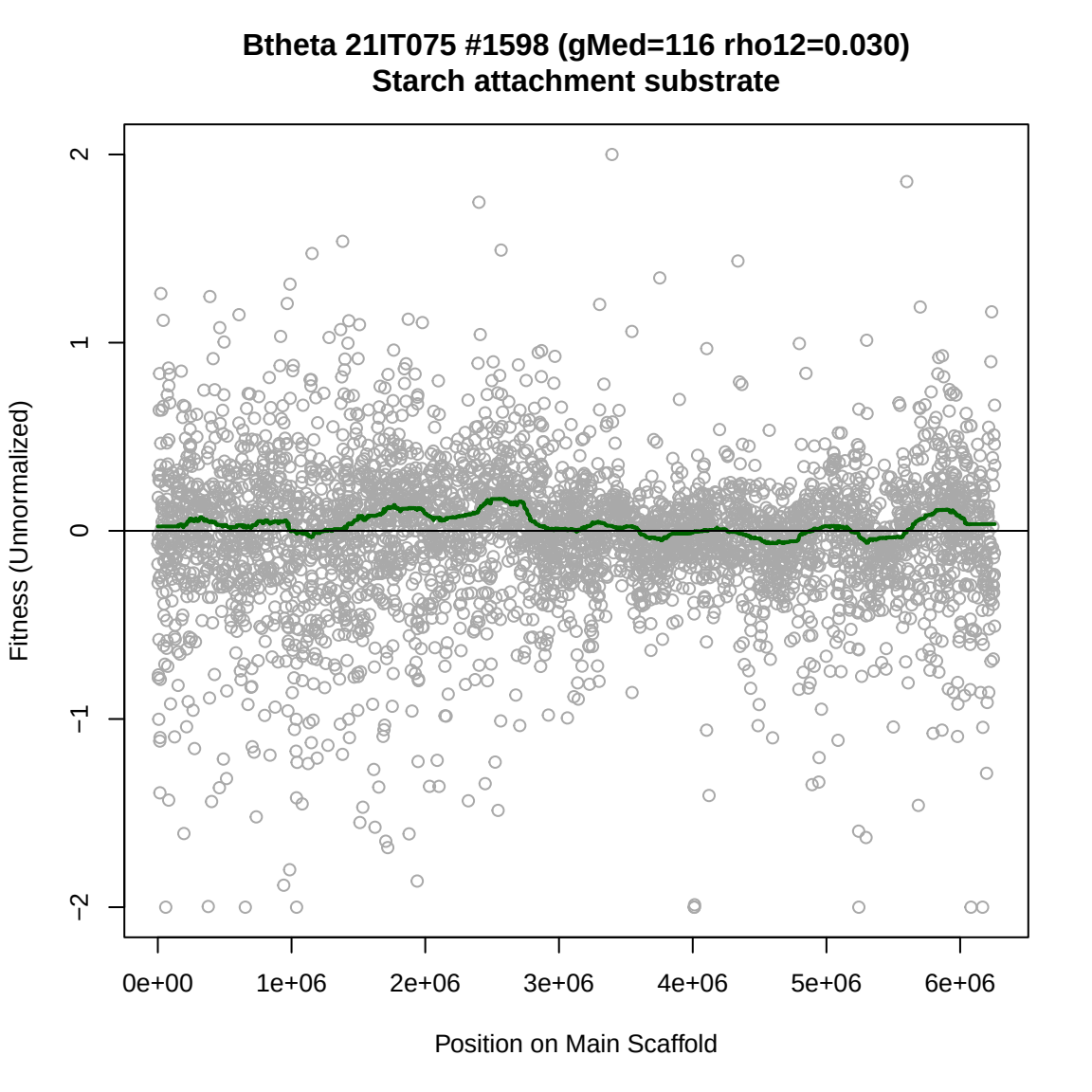

Btheta 21IT070 #1593 (gMed=40 rho12=−0.000)
Inulin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

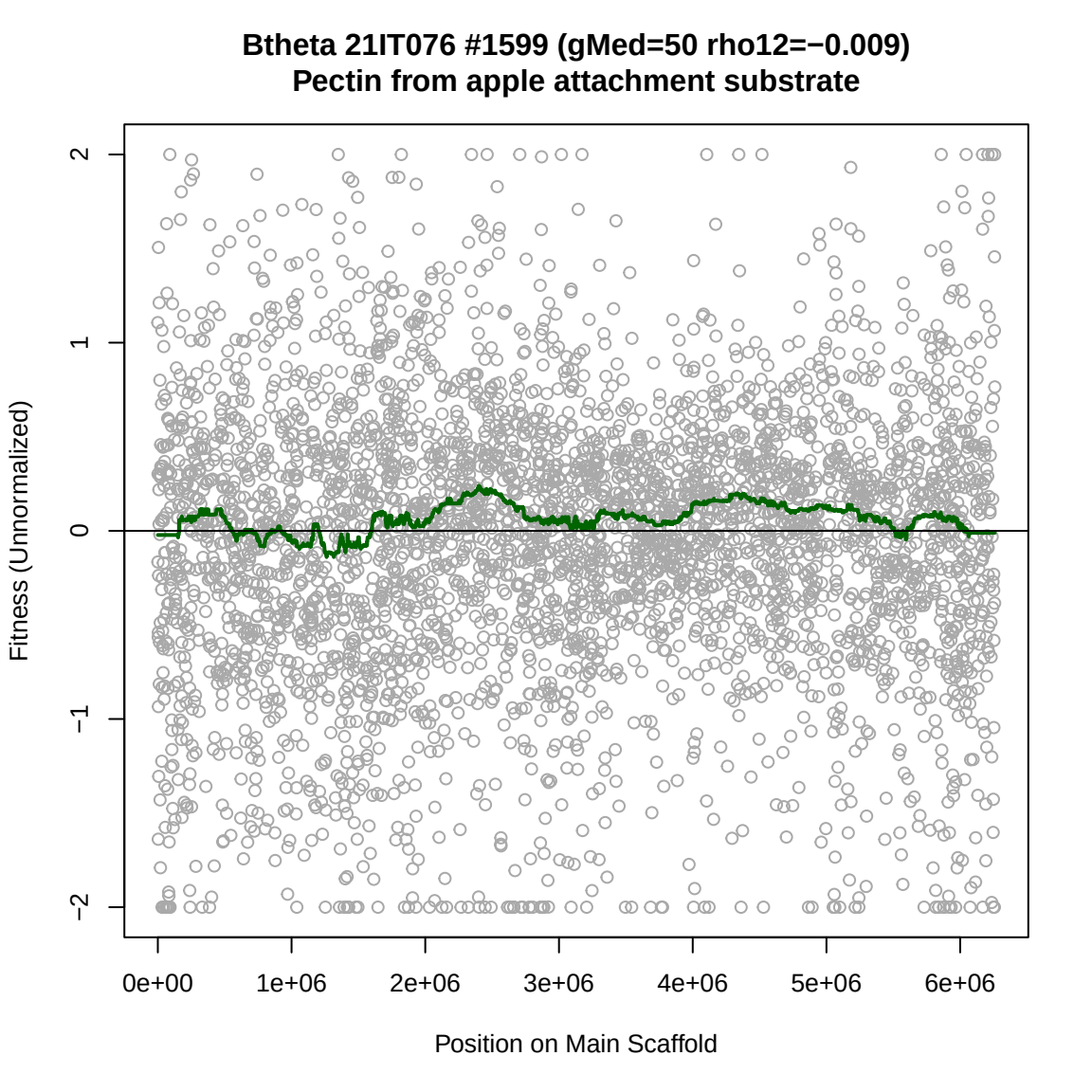

Btheta 21IT071 #1594 (gMed=61 rho12=0.029)
Inulin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

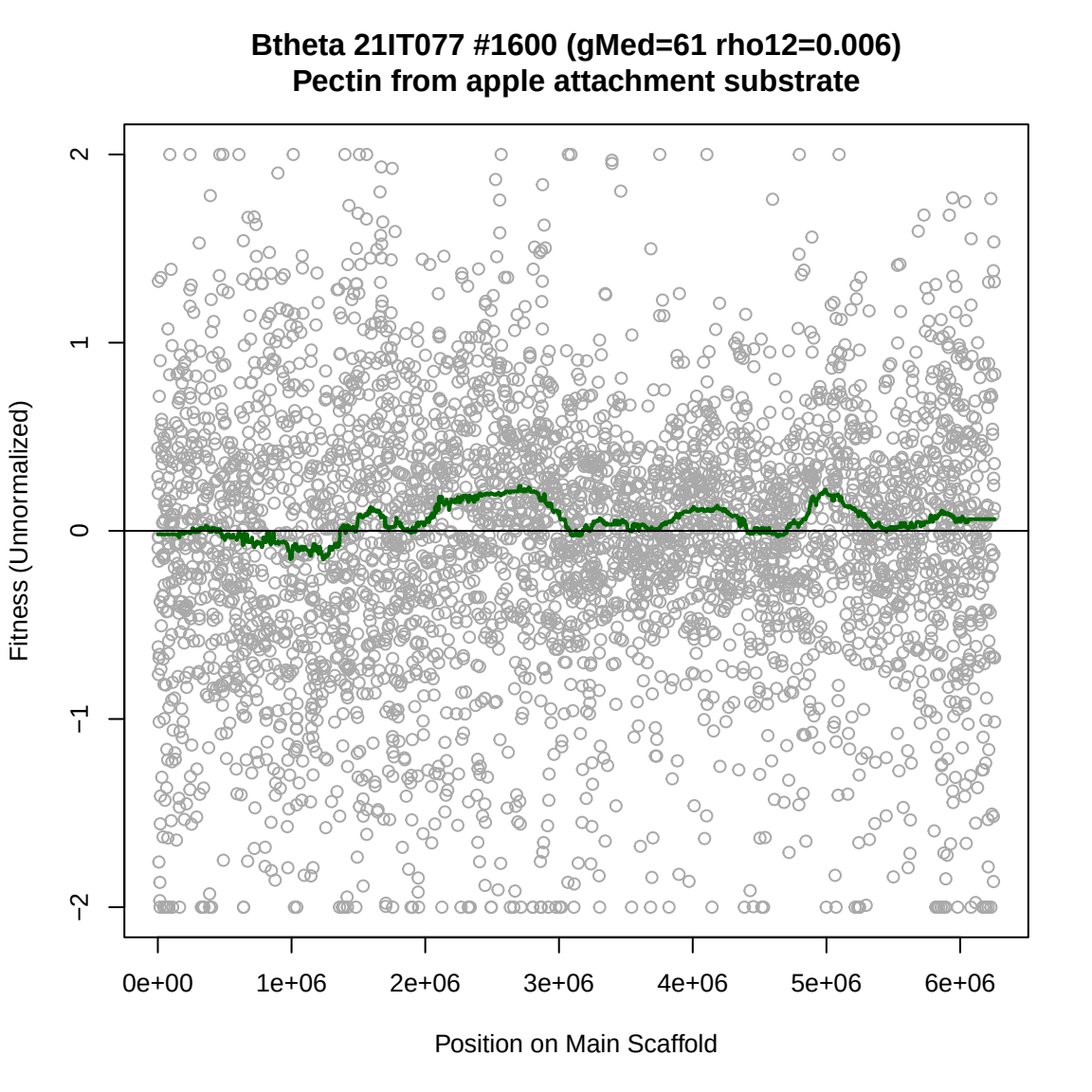

Btheta 21IT072 #1595 (gMed=112 rho12=0.024)
Inulin attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

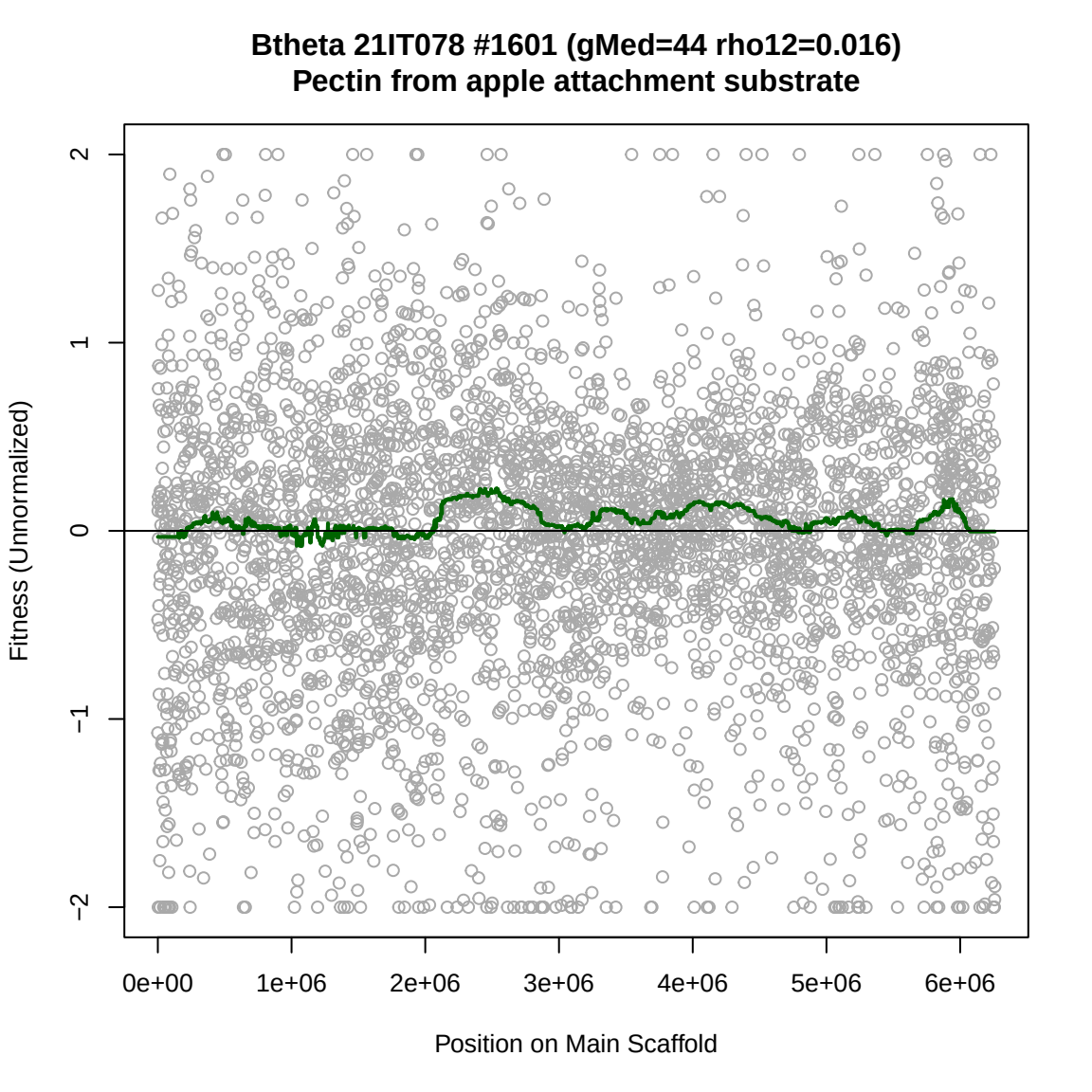

Btheta 21IT073 #1596 (gMed=123 rho12=0.016)
Starch attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

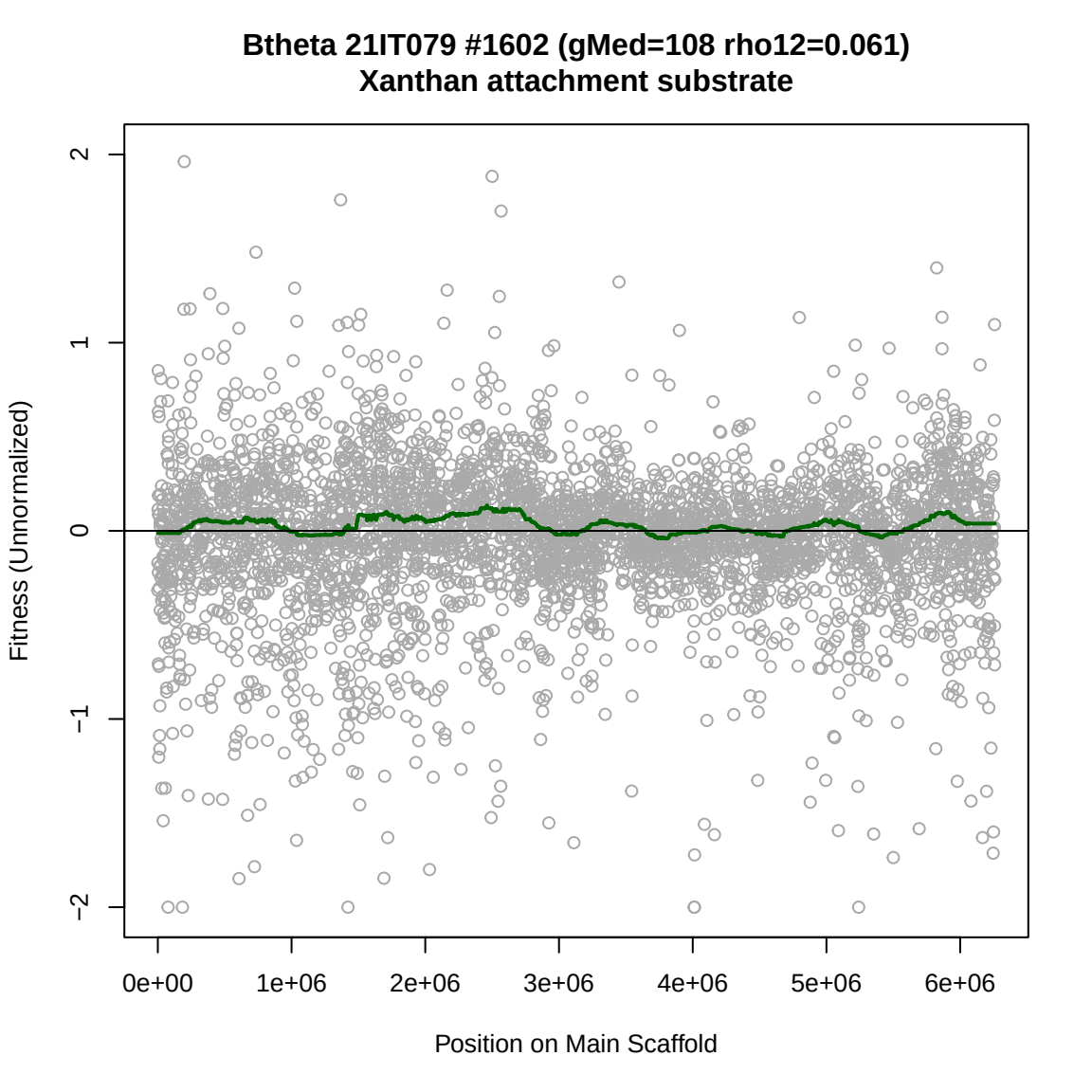

Btheta 21IT074 #1597 (gMed=135 rho12=0.008)
Starch attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

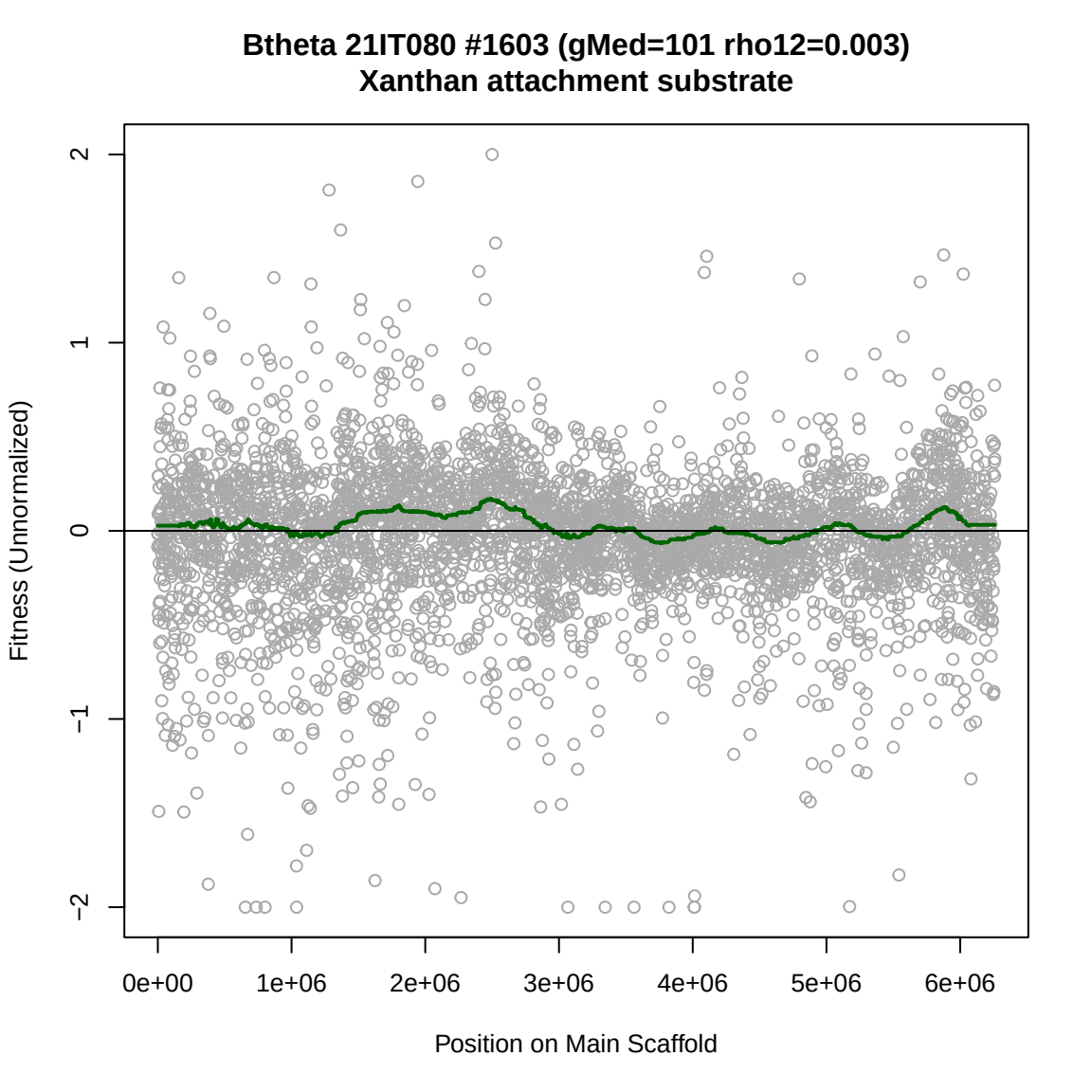

Btheta 21IT075 #1598 (gMed=116 rho12=0.030)
Starch attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

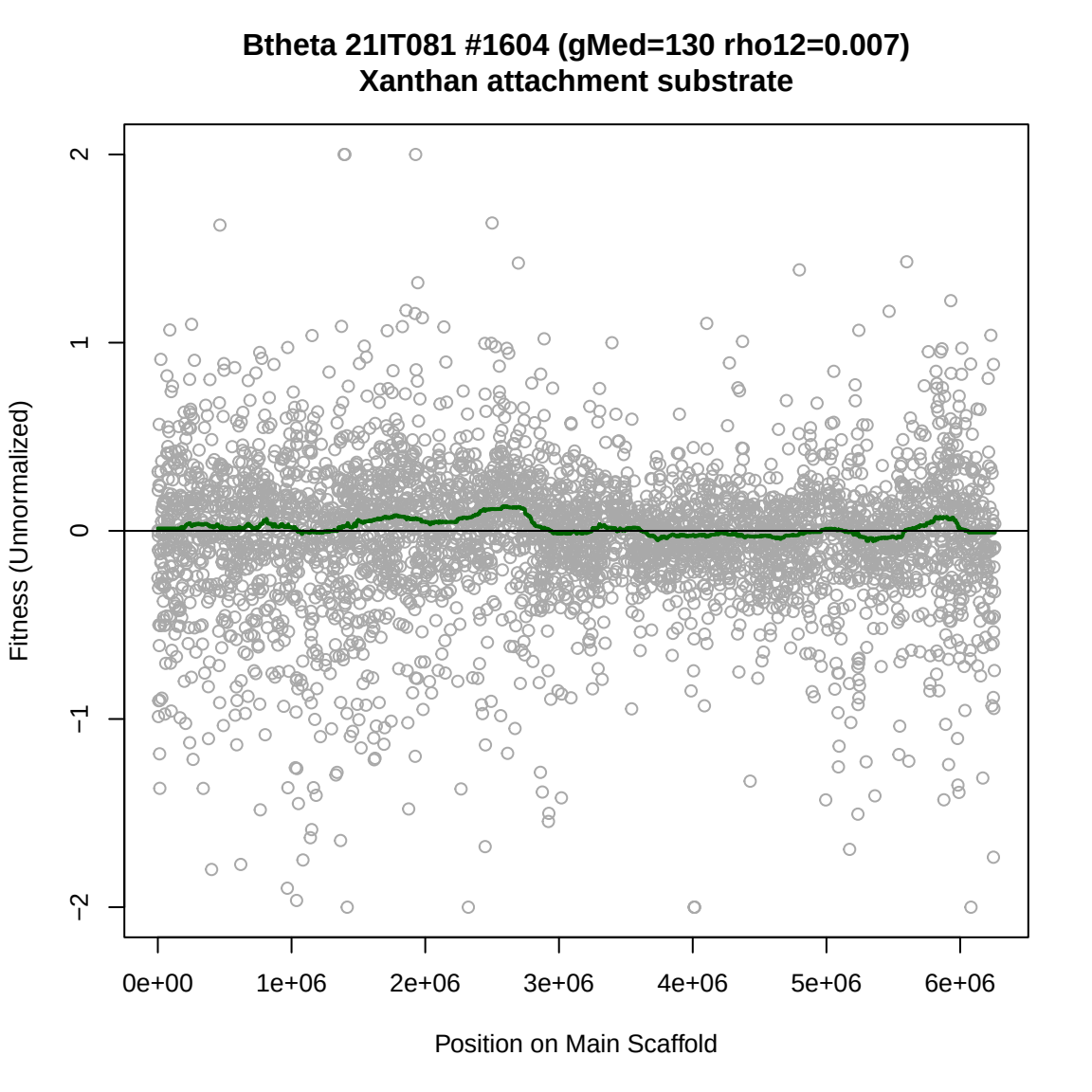

Btheta 21IT076 #1599 (gMed=50 rho12=−0.009)
Pectin from apple attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

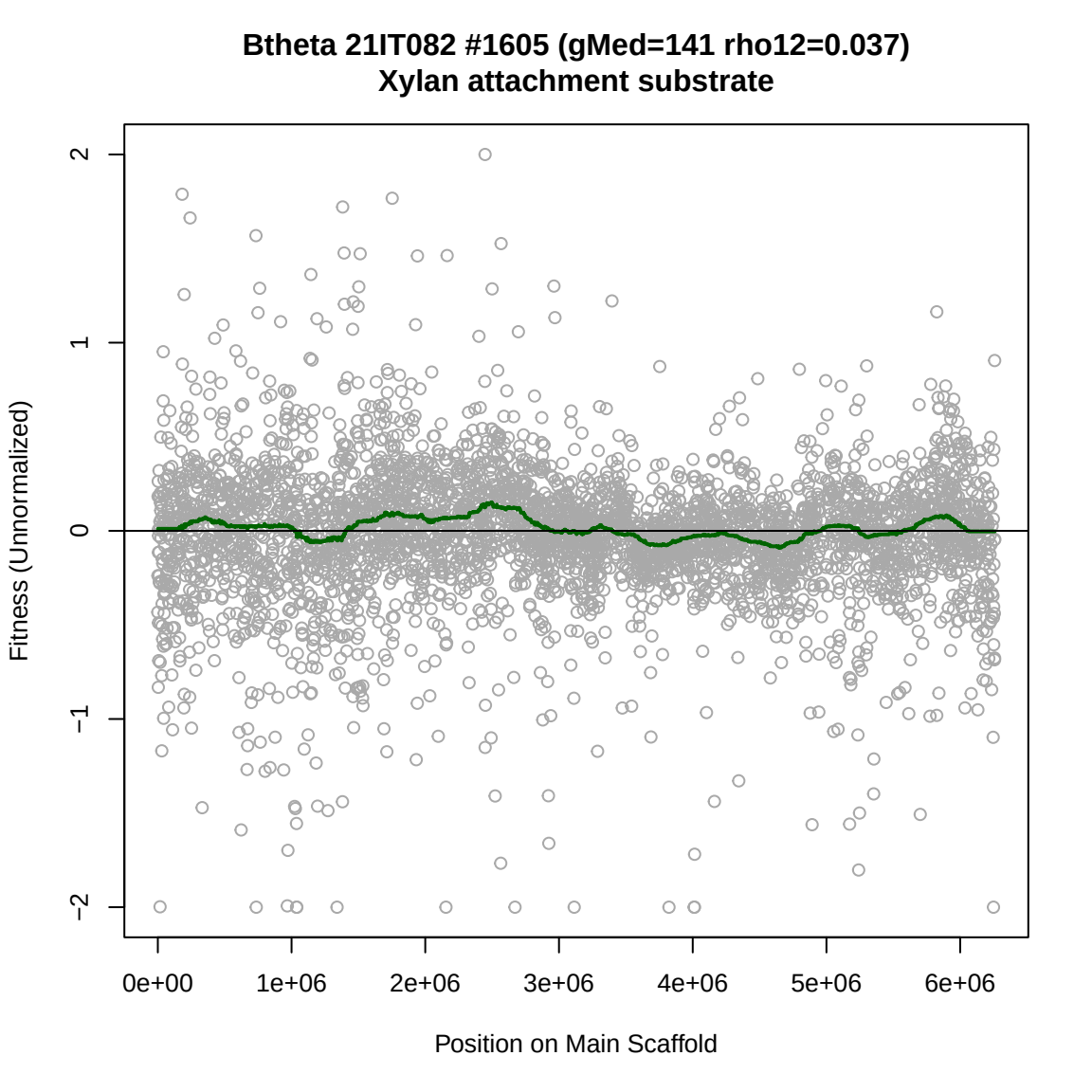

Btheta 21IT077 #1600 (gMed=61 rho12=0.006)
Pectin from apple attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

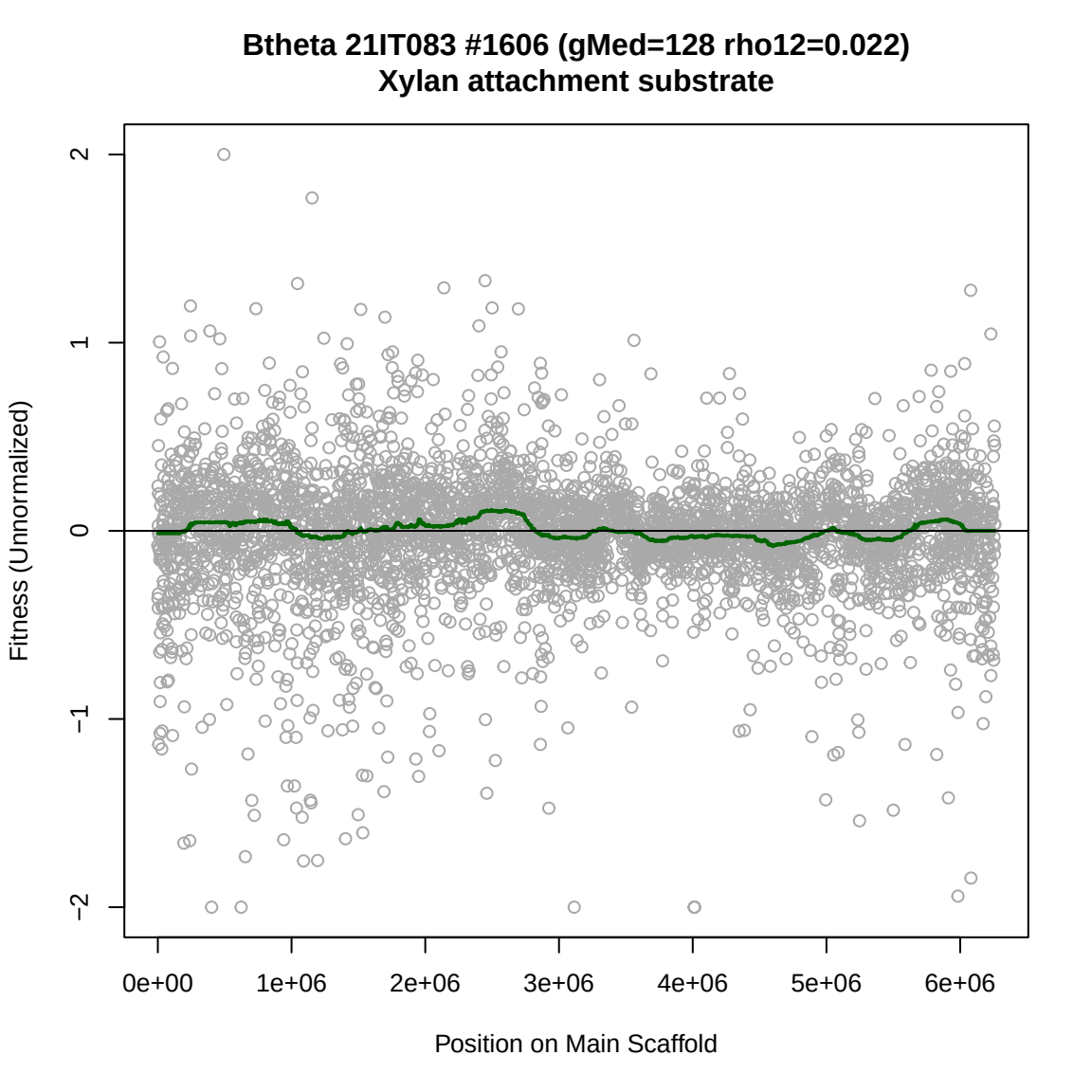

Btheta 21IT078 #1601 (gMed=44 rho12=0.016)
Pectin from apple attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

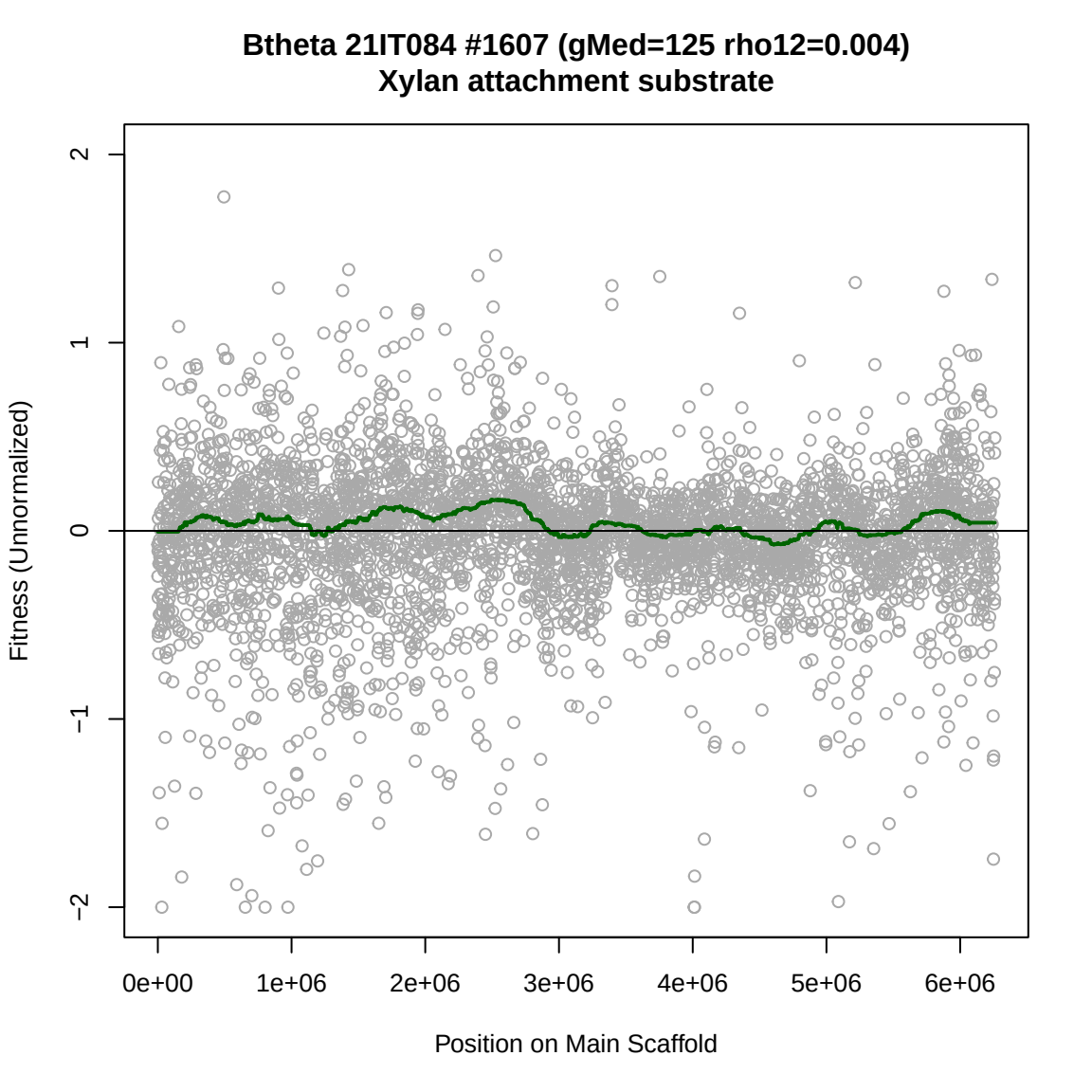

Btheta 21IT079 #1602 (gMed=108 rho12=0.061)
Xanthan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

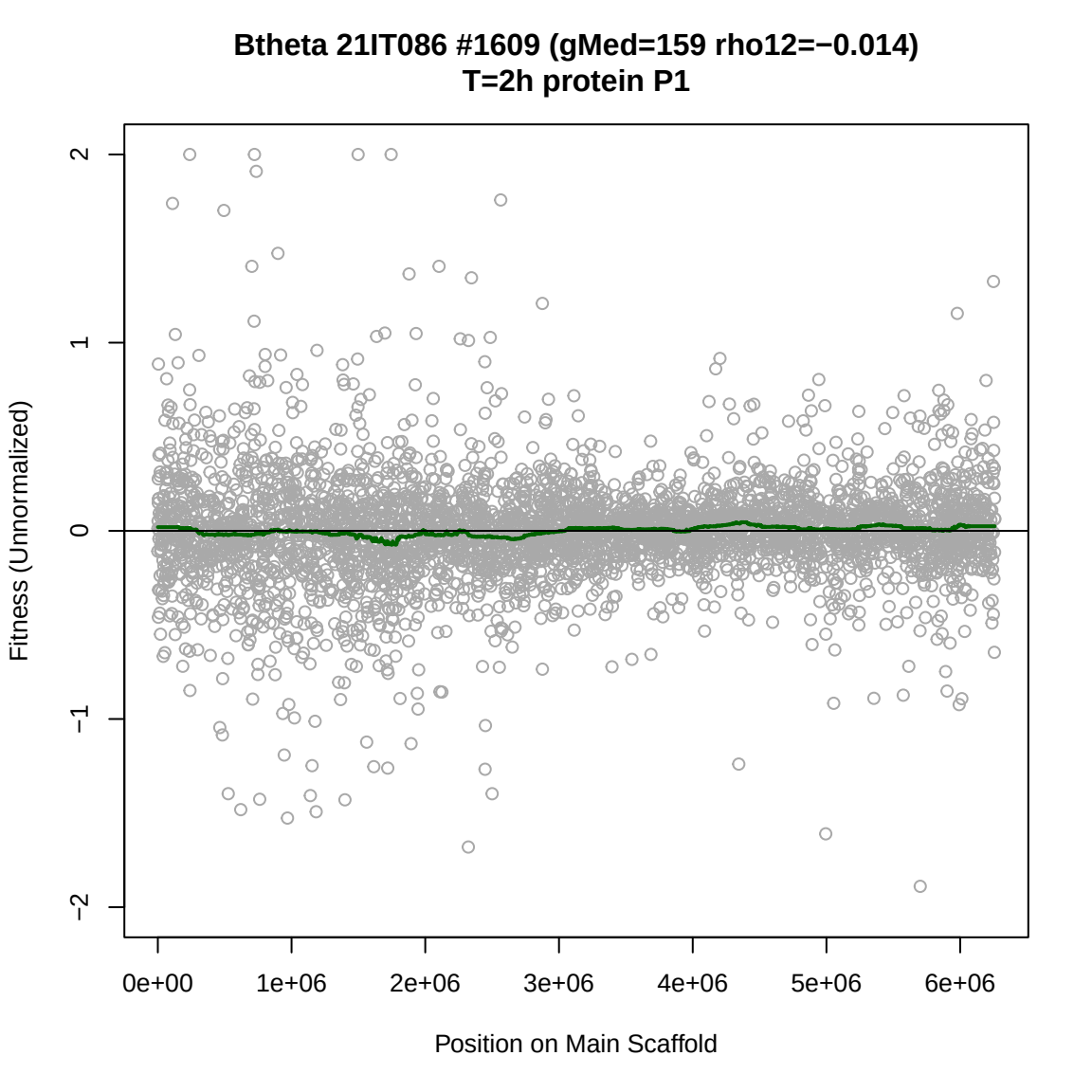

Btheta 21IT080 #1603 (gMed=101 rho12=0.003)
Xanthan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

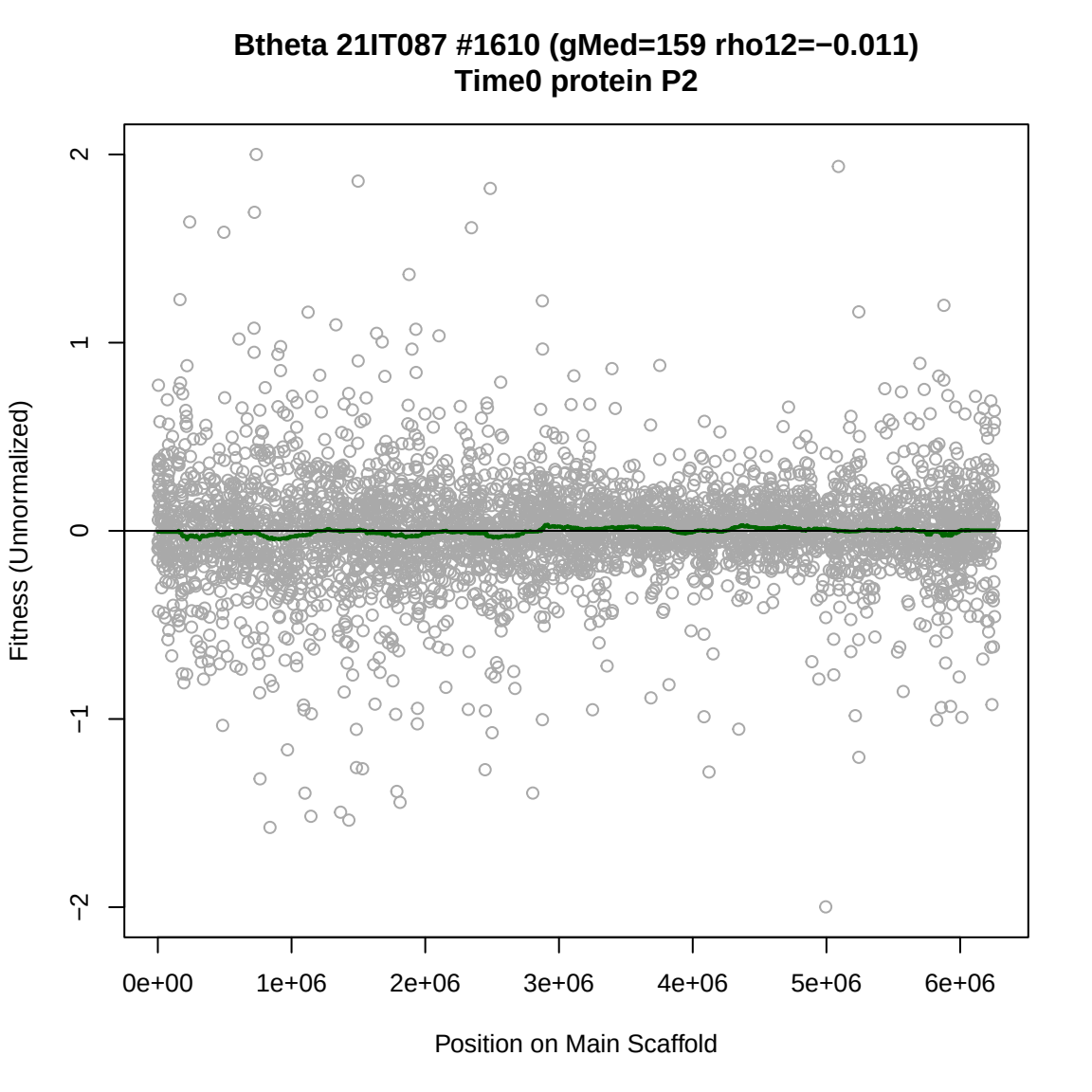

Btheta 21IT081 #1604 (gMed=130 rho12=0.007)
Xanthan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

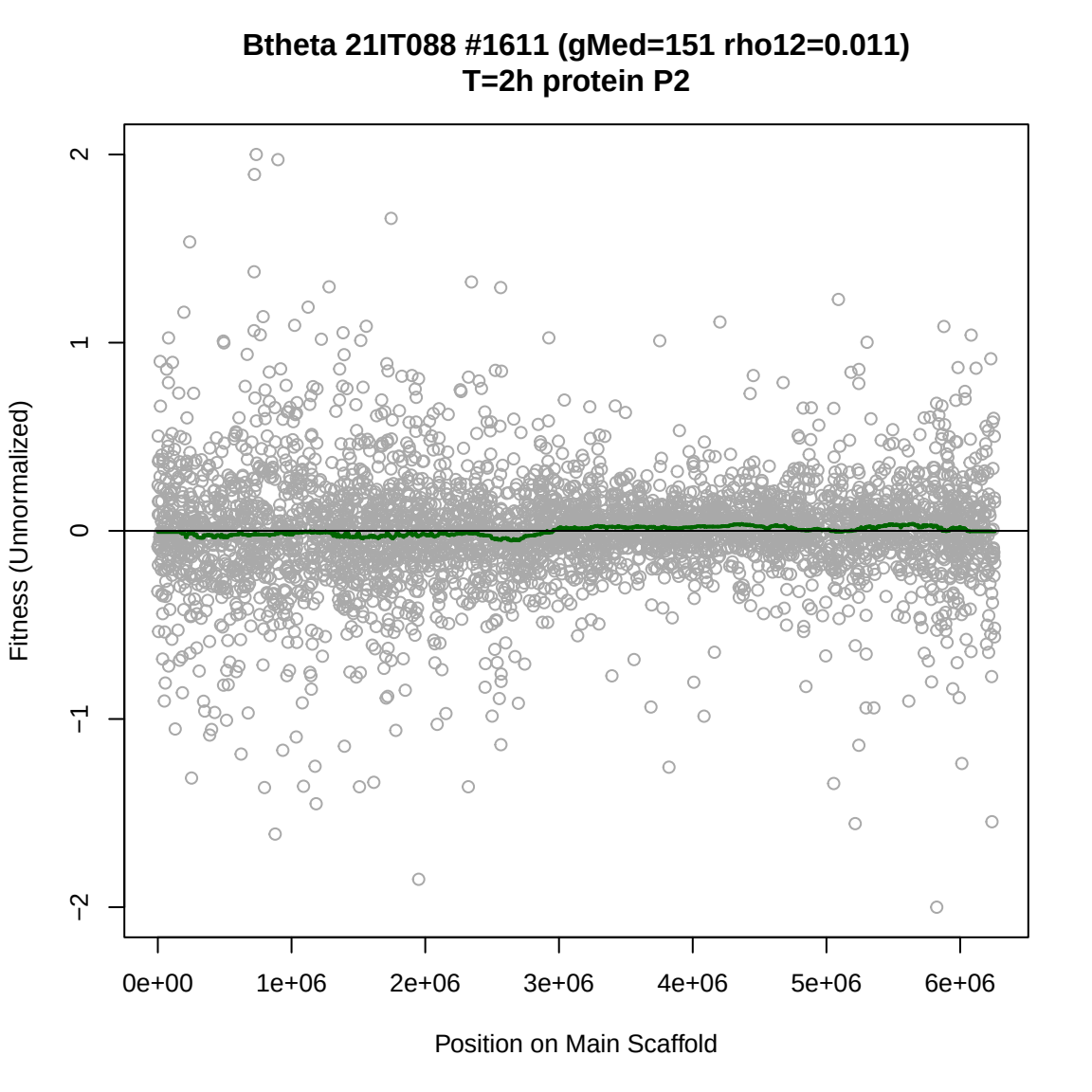

Btheta 21IT082 #1605 (gMed=141 rho12=0.037)
Xylan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

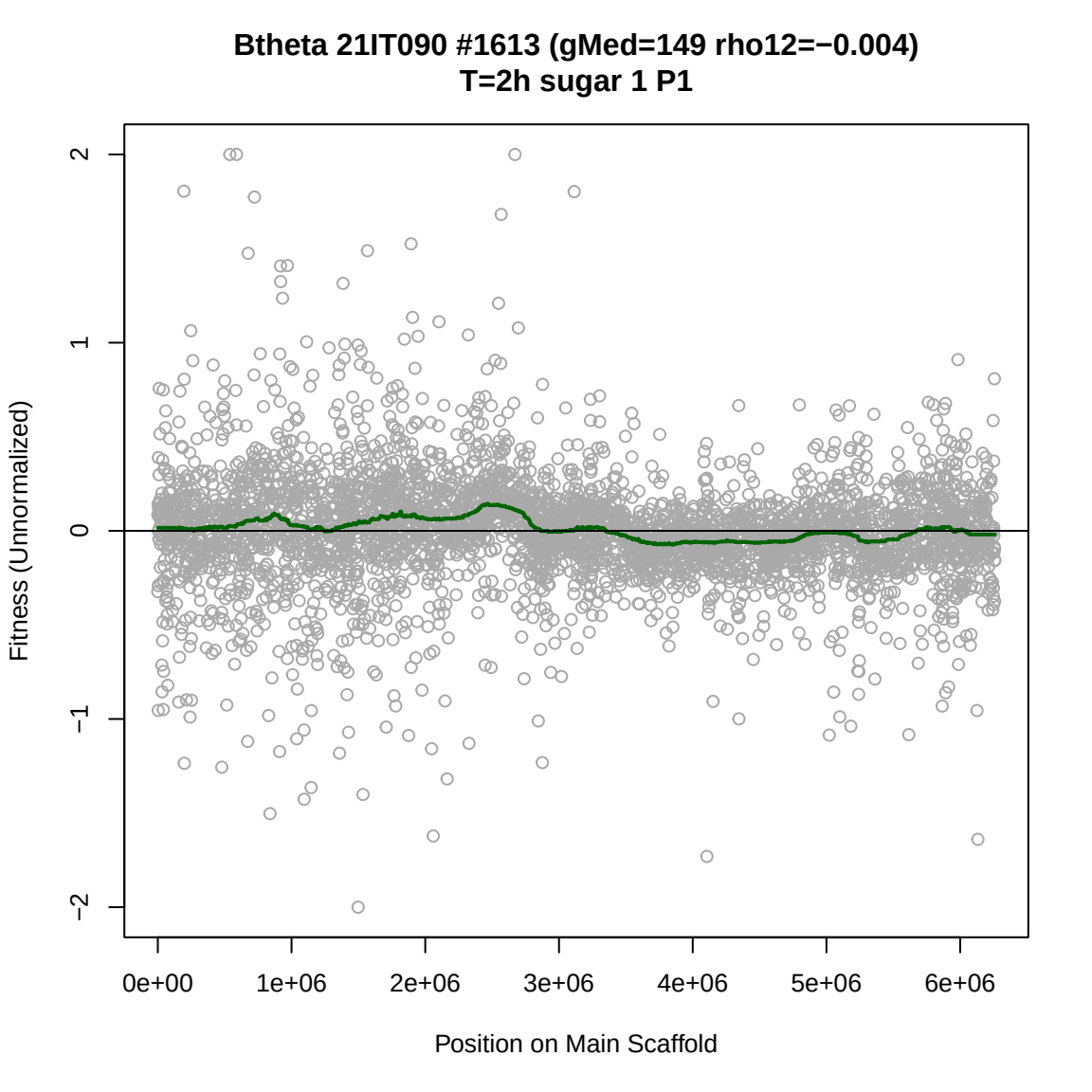

Btheta 21IT083 #1606 (gMed=128 rho12=0.022)
Xylan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

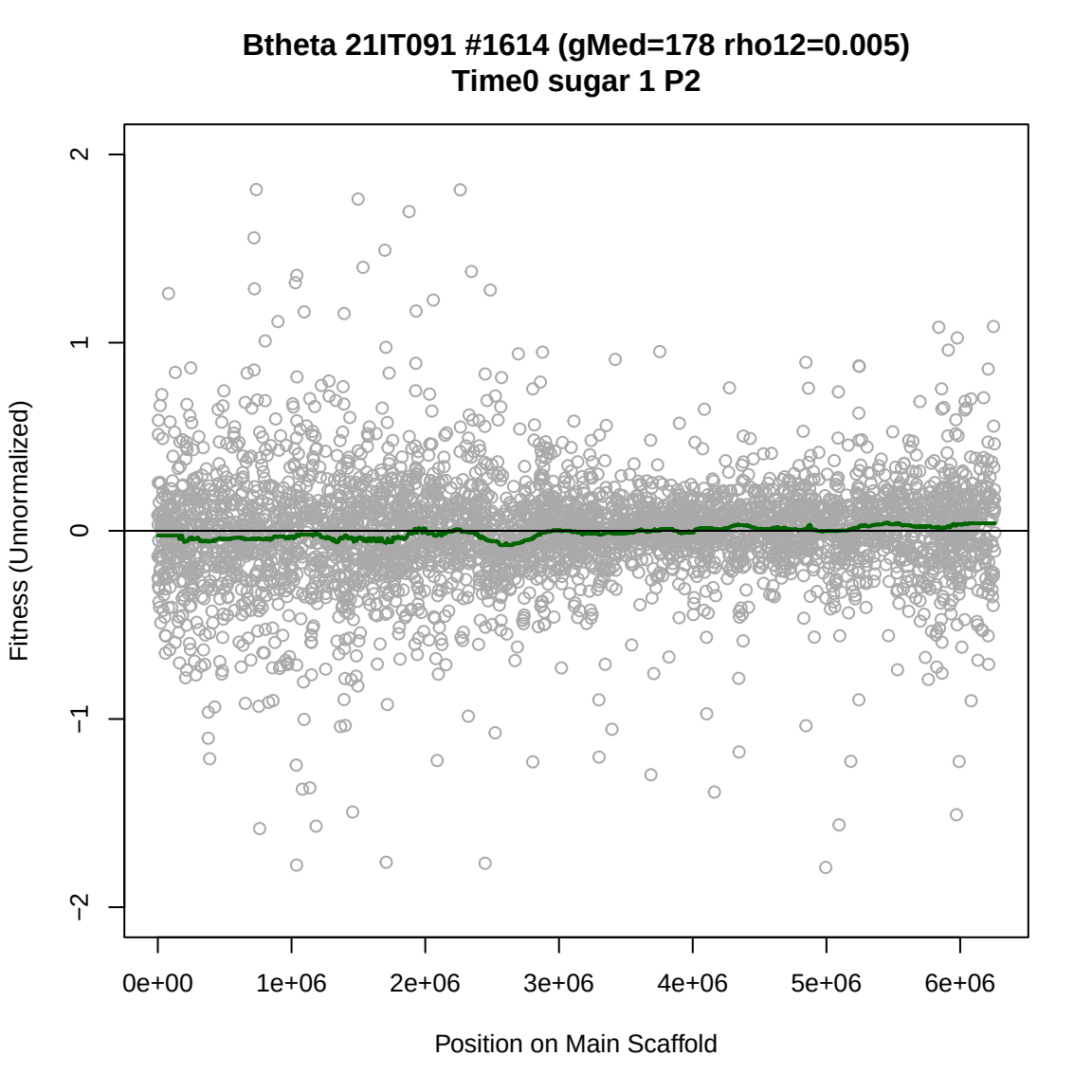

Btheta 21IT084 #1607 (gMed=125 rho12=0.004)
Xylan attachment substrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

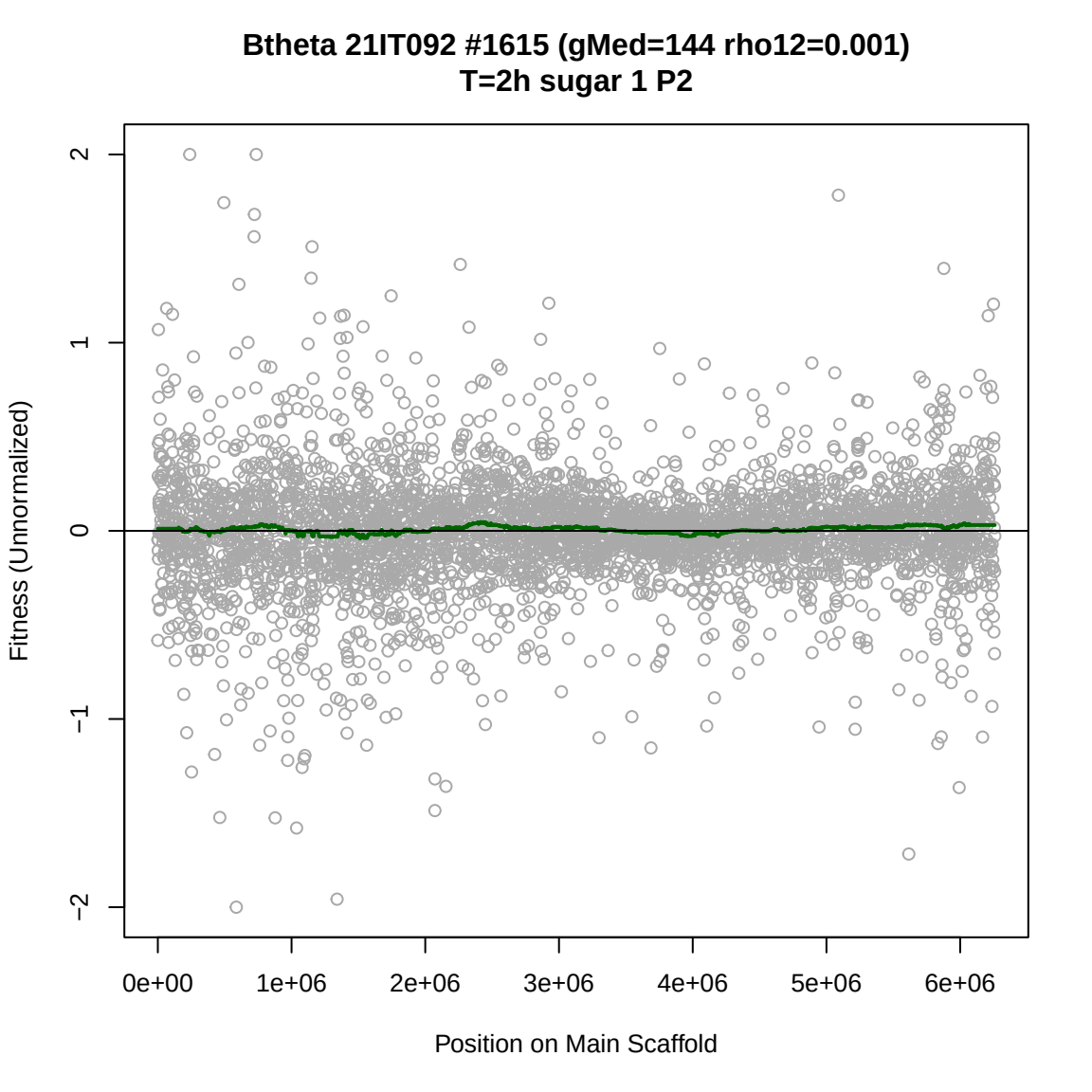

Btheta 21IT086 #1609 (gMed=159 rho12=−0.014)
T=2h protein P1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

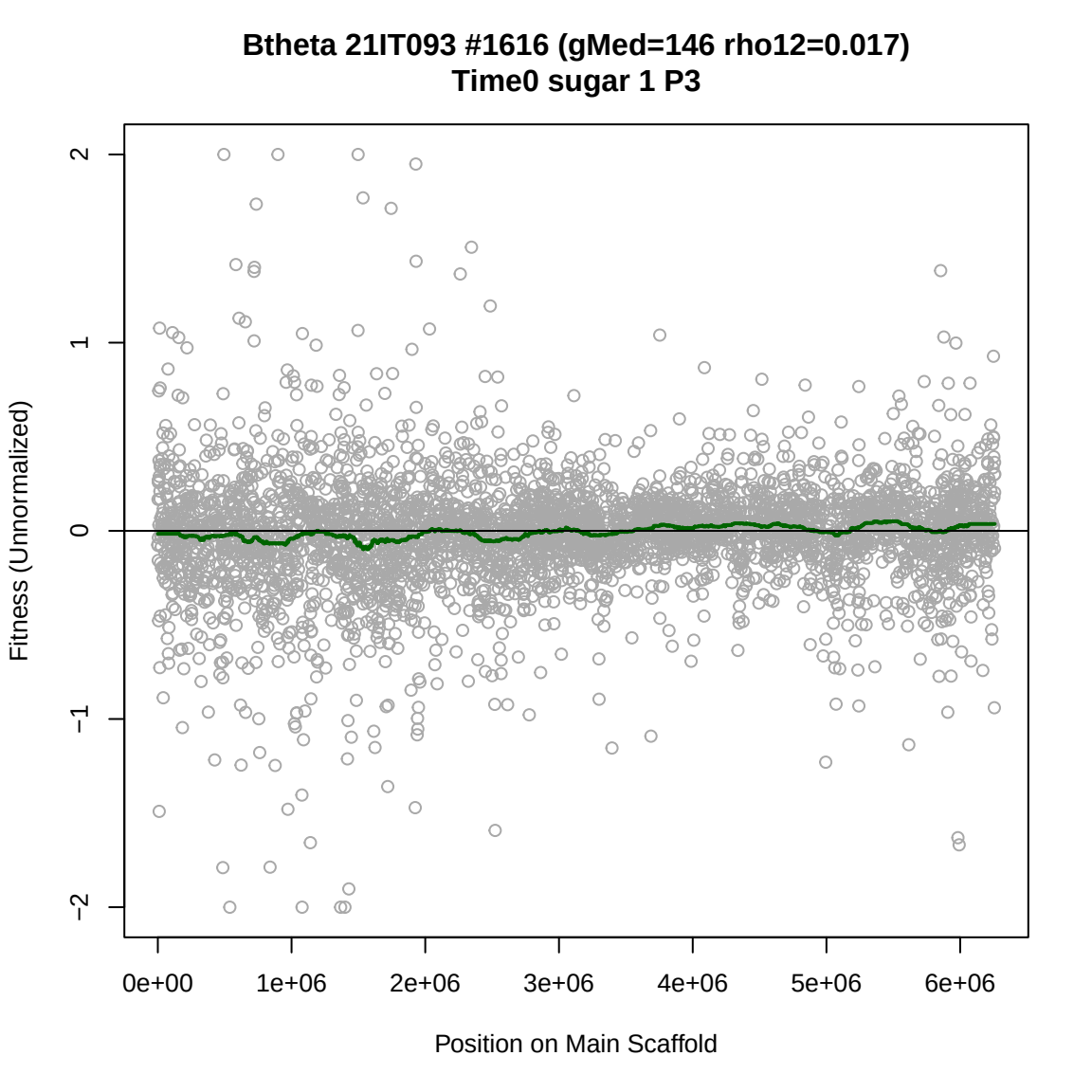

Btheta 21IT087 #1610 (gMed=159 rho12=−0.011)
Time0 protein P2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

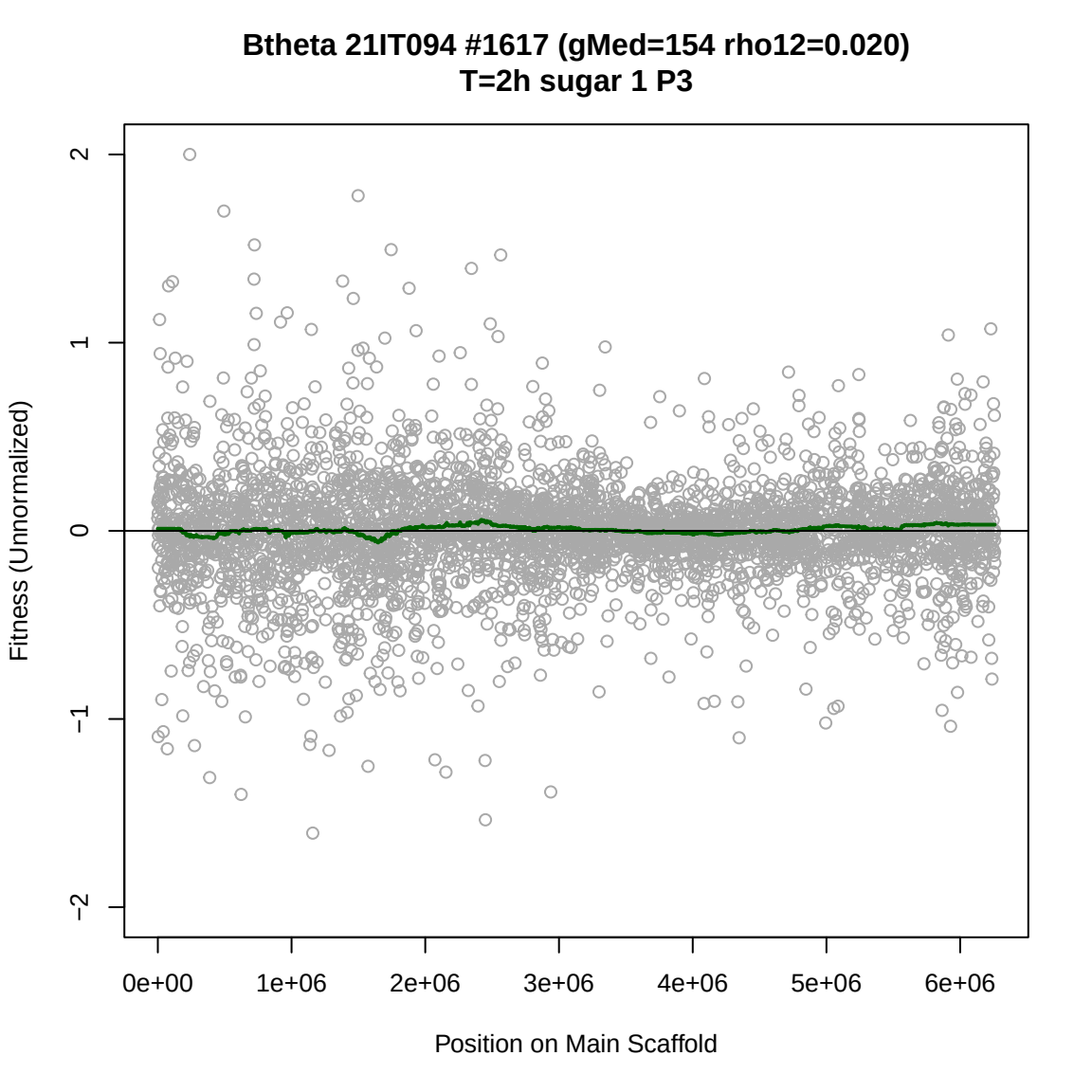

Btheta 21IT088 #1611 (gMed=151 rho12=0.011)
T=2h protein P2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

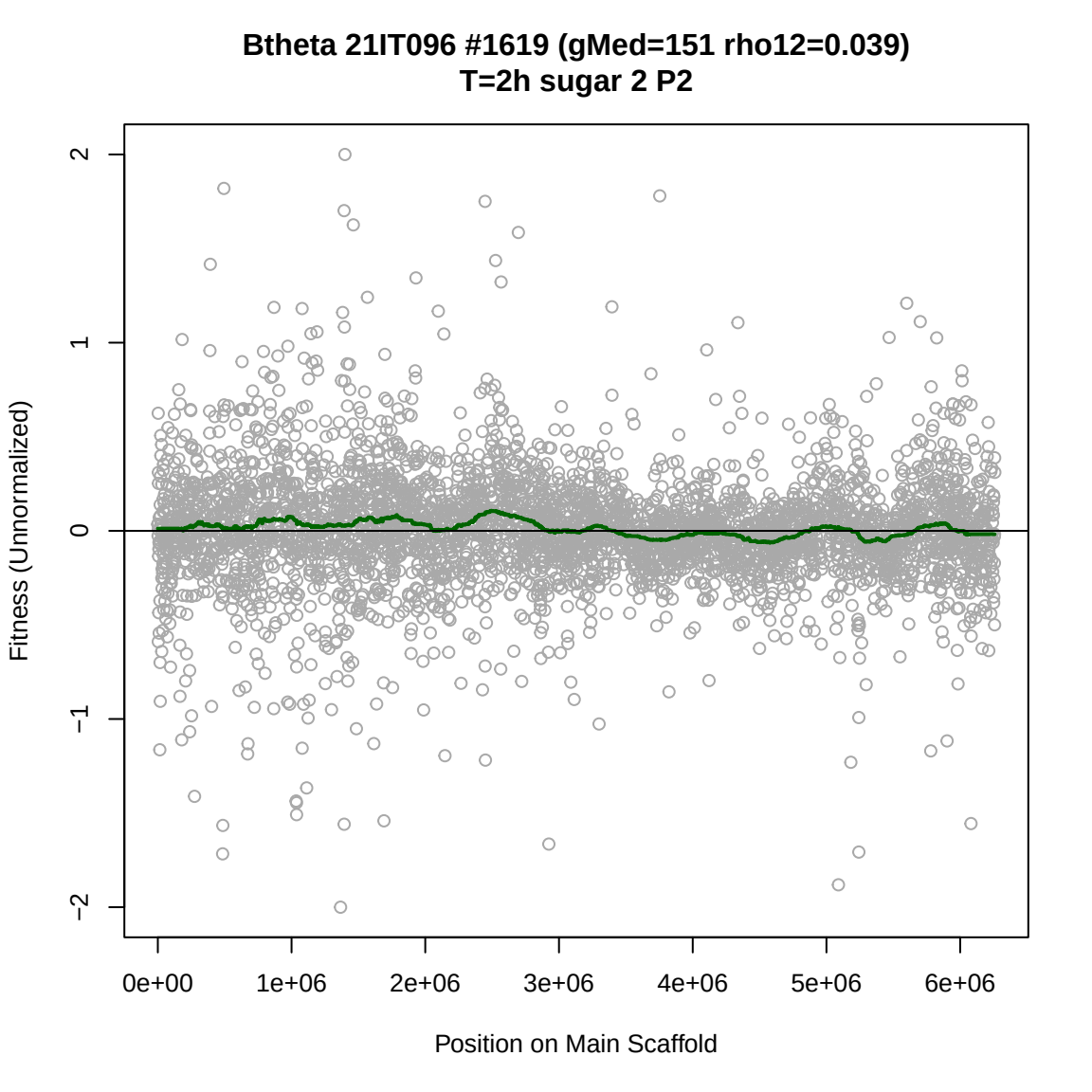

Btheta 21IT090 #1613 (gMed=149 rho12=−0.004)
T=2h sugar 1 P1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

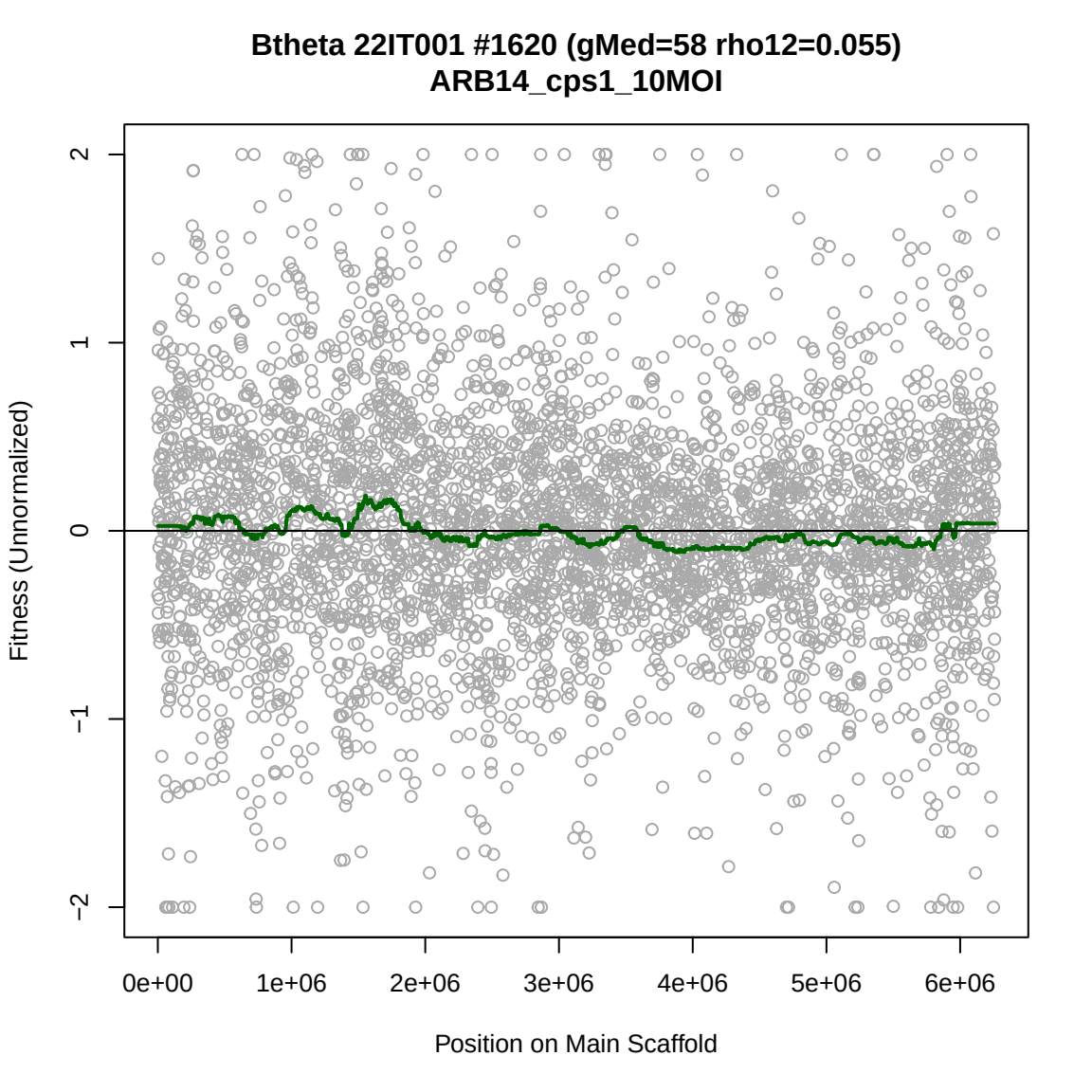

Btheta 21IT091 #1614 (gMed=178 rho12=0.005)
Time0 sugar 1 P2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

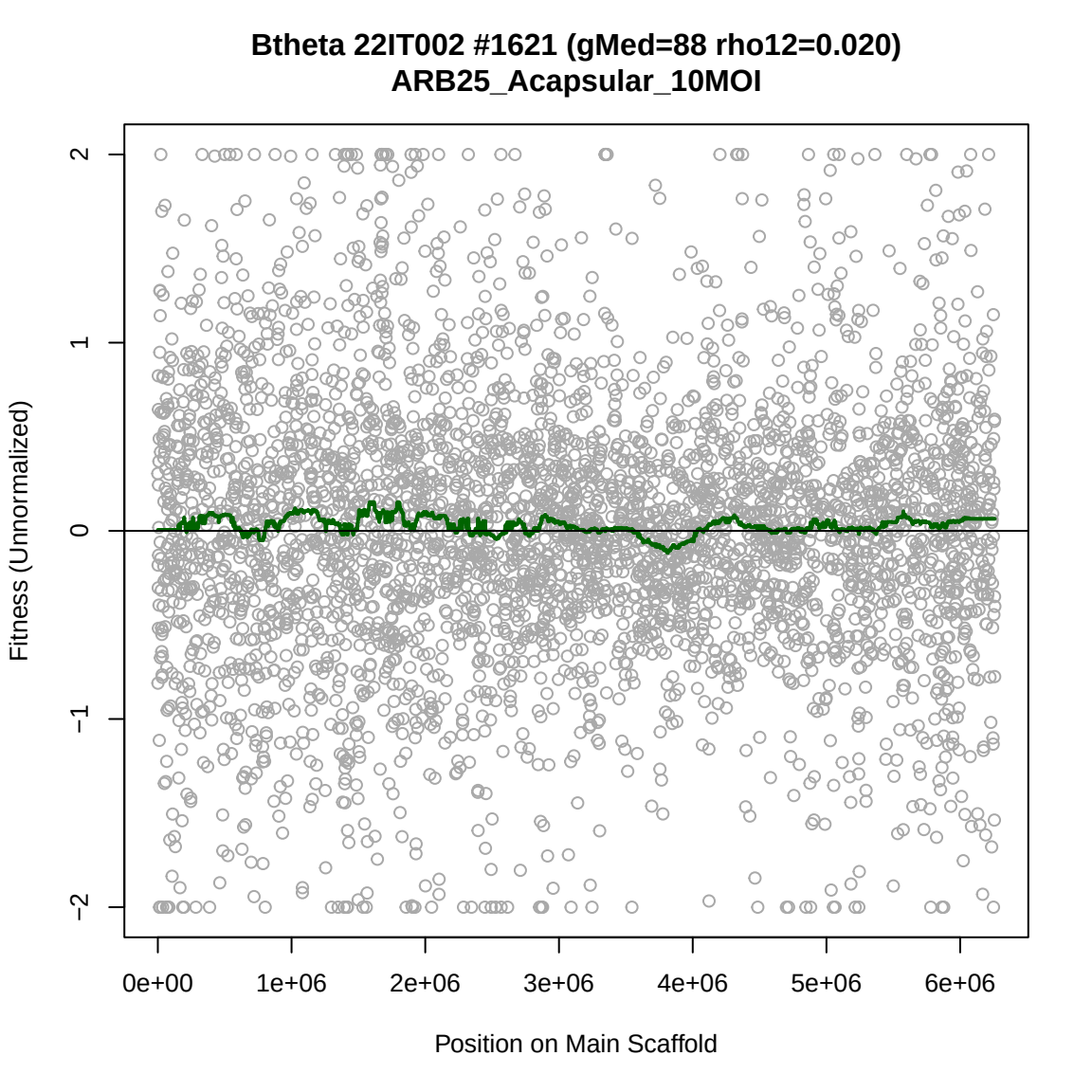

Btheta 21IT092 #1615 (gMed=144 rho12=0.001)
T=2h sugar 1 P2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

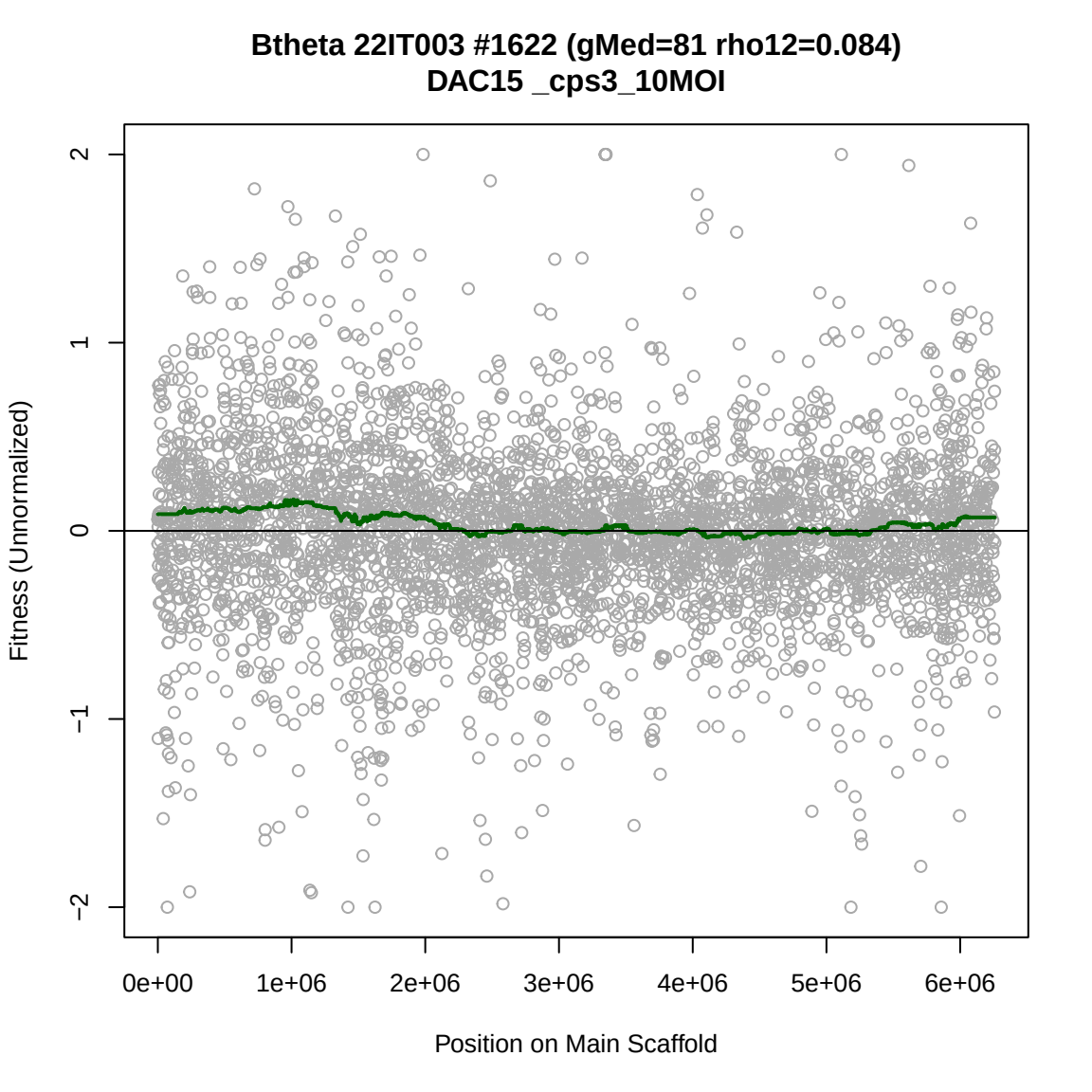

Btheta 21IT093 #1616 (gMed=146 rho12=0.017)
Time0 sugar 1 P3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

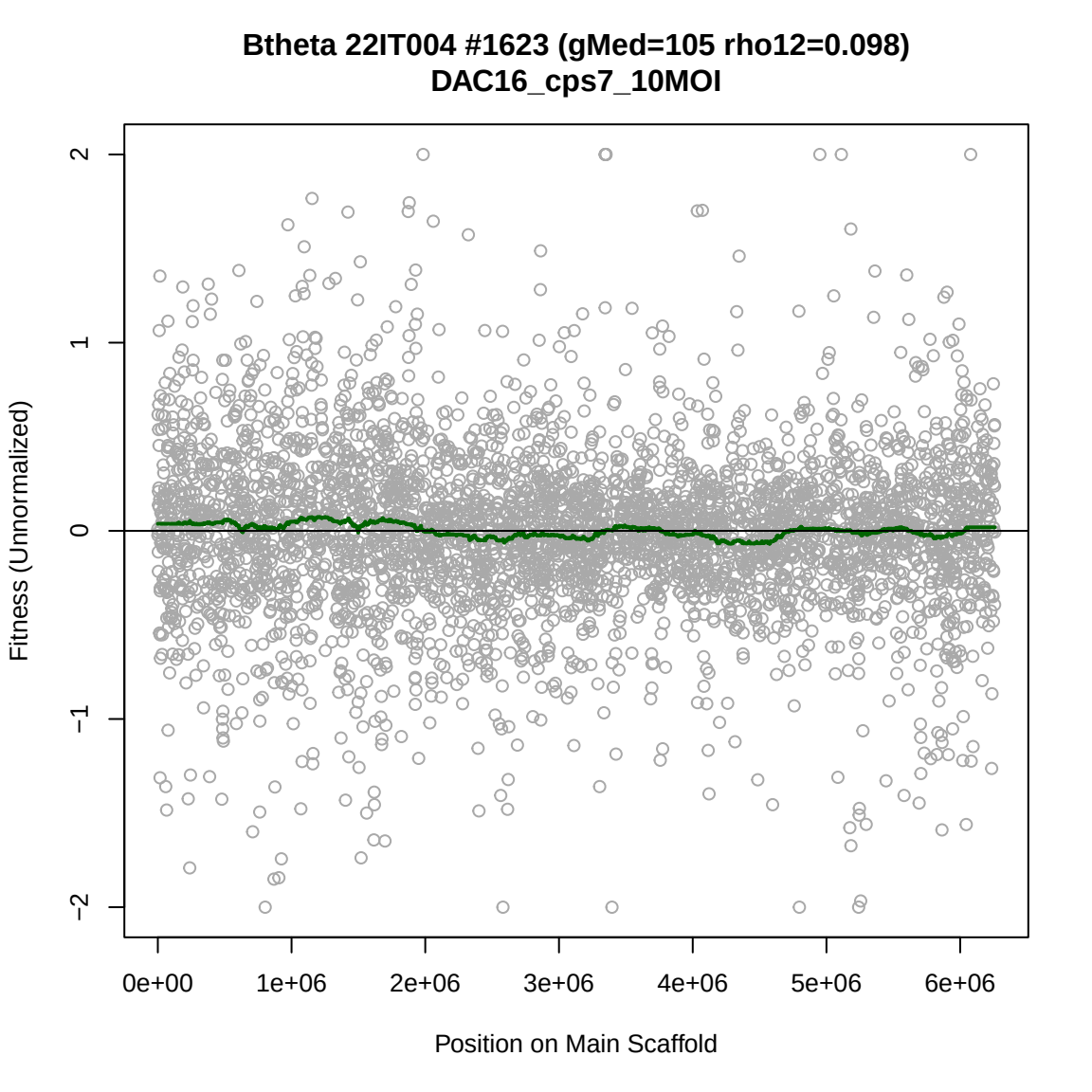

Btheta 21IT094 #1617 (gMed=154 rho12=0.020)
T=2h sugar 1 P3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

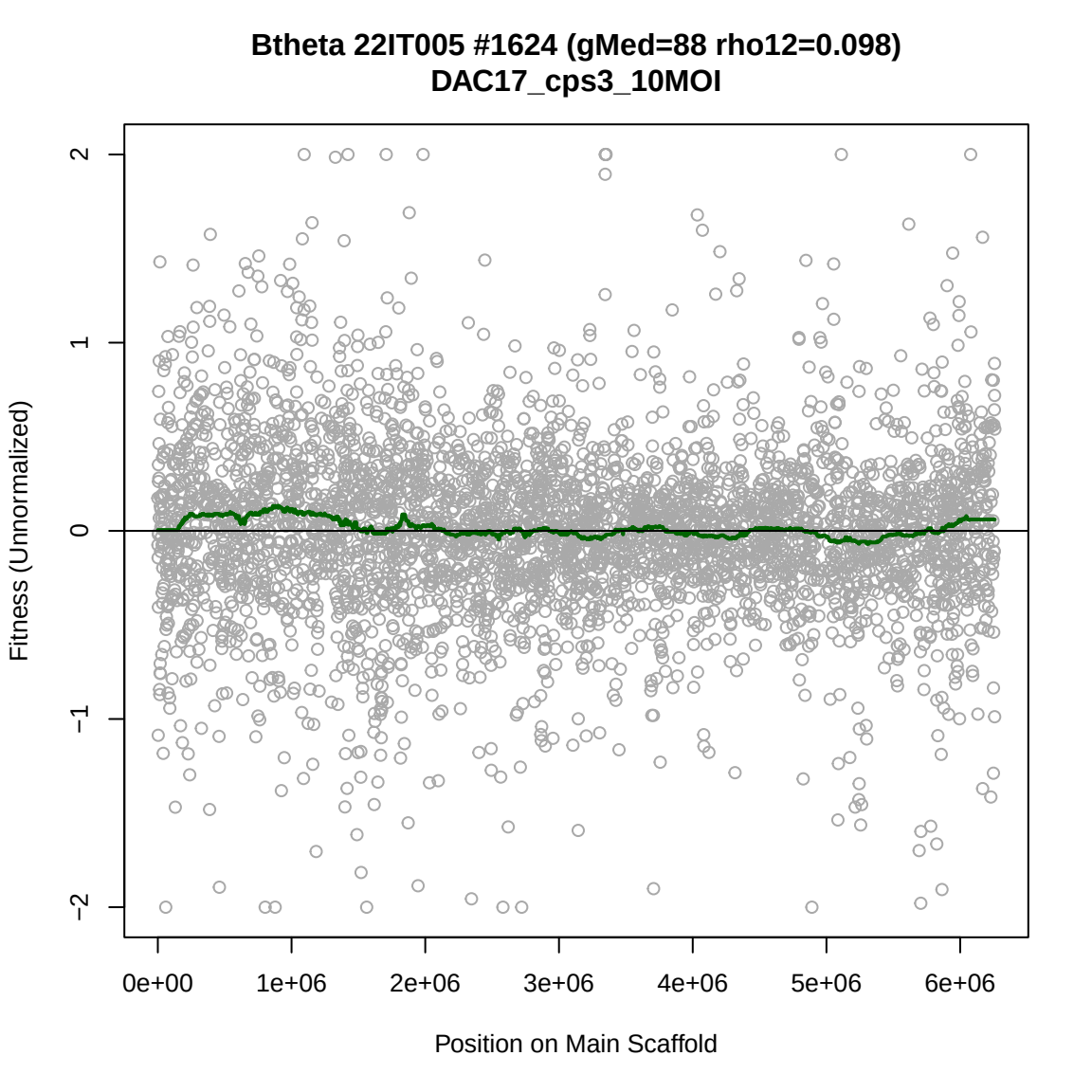

Btheta 21IT096 #1619 (gMed=151 rho12=0.039)
T=2h sugar 2 P2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

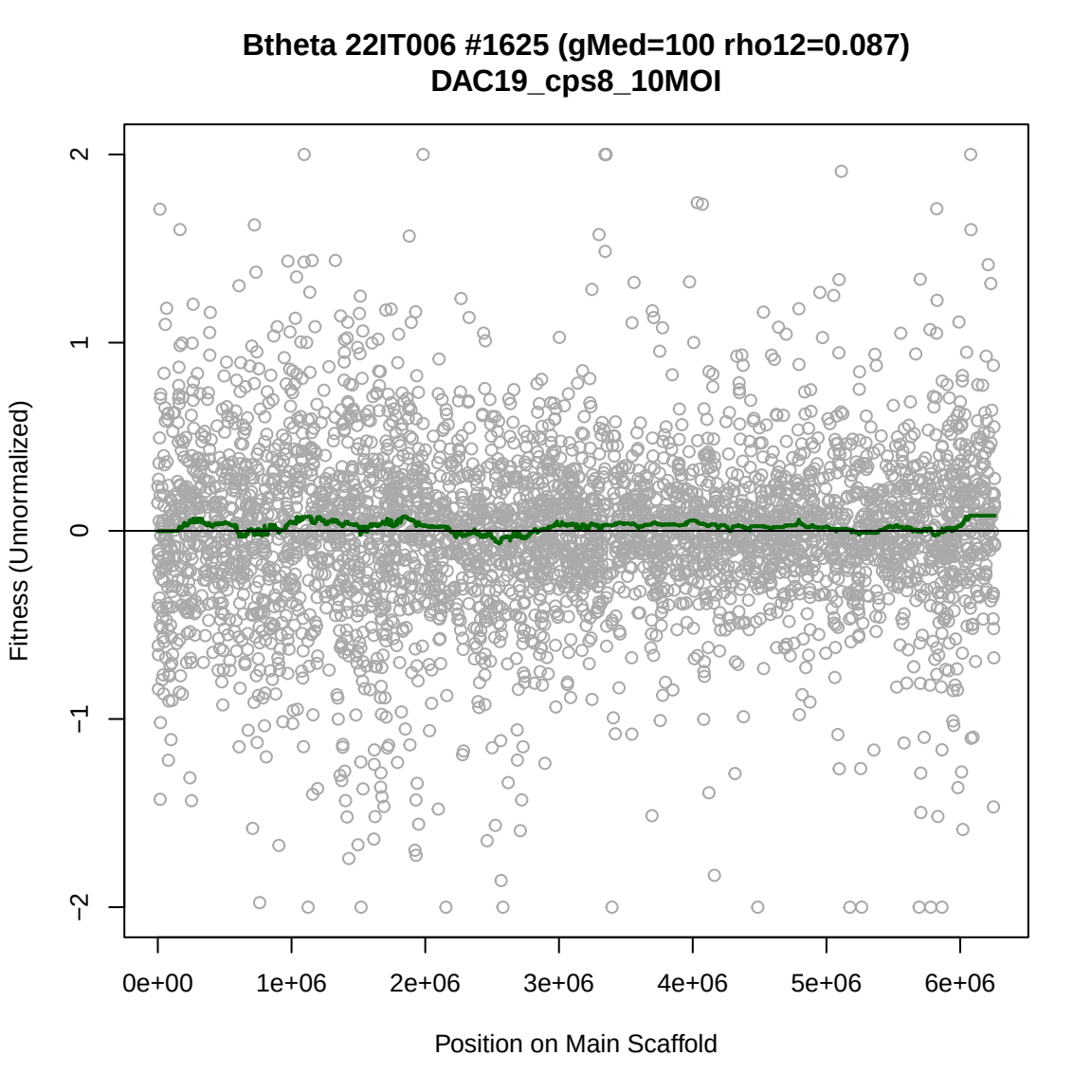

Btheta 22IT001 #1620 (gMed=58 rho12=0.055)
ARB14_cps1_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

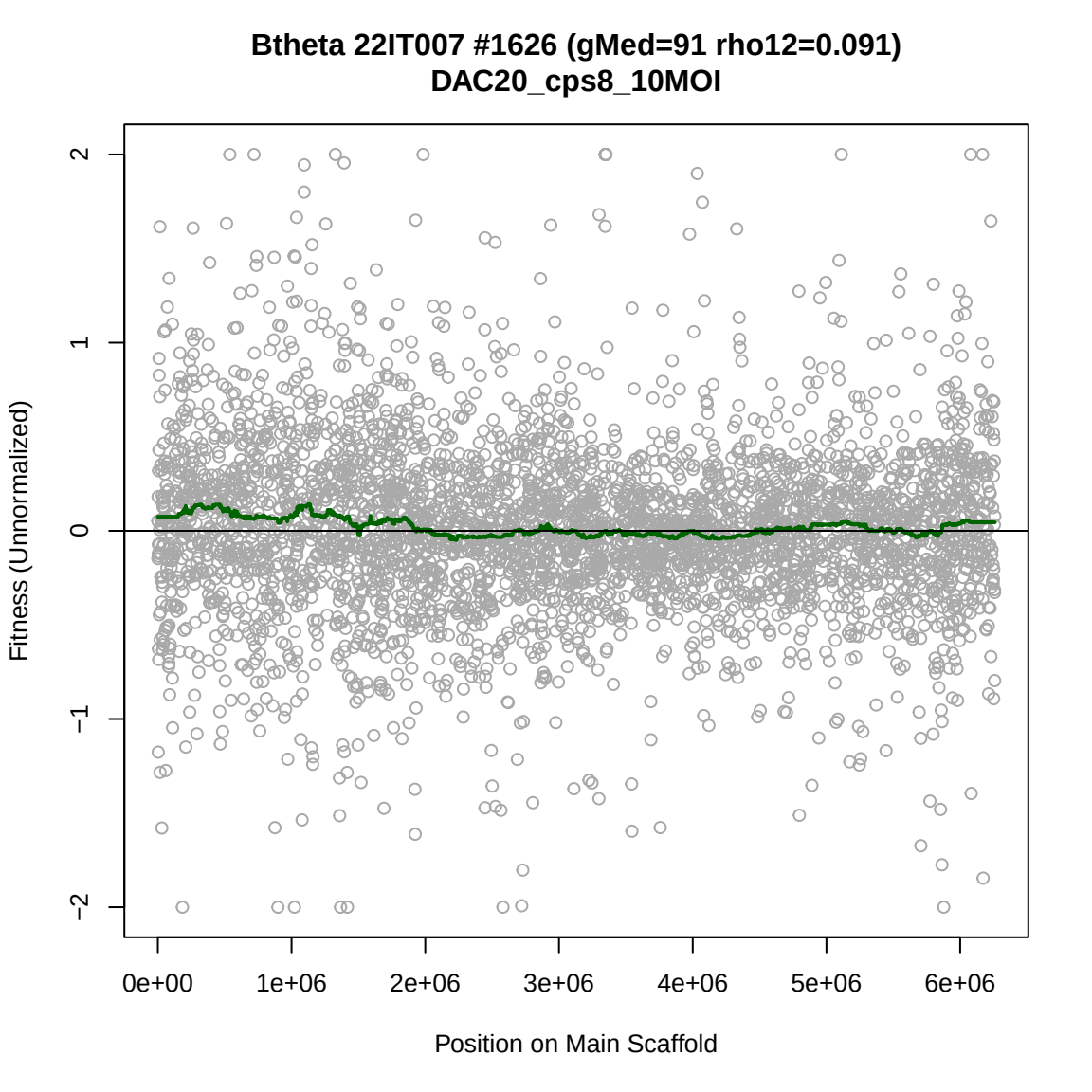

Btheta 22IT002 #1621 (gMed=88 rho12=0.020)
ARB25_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

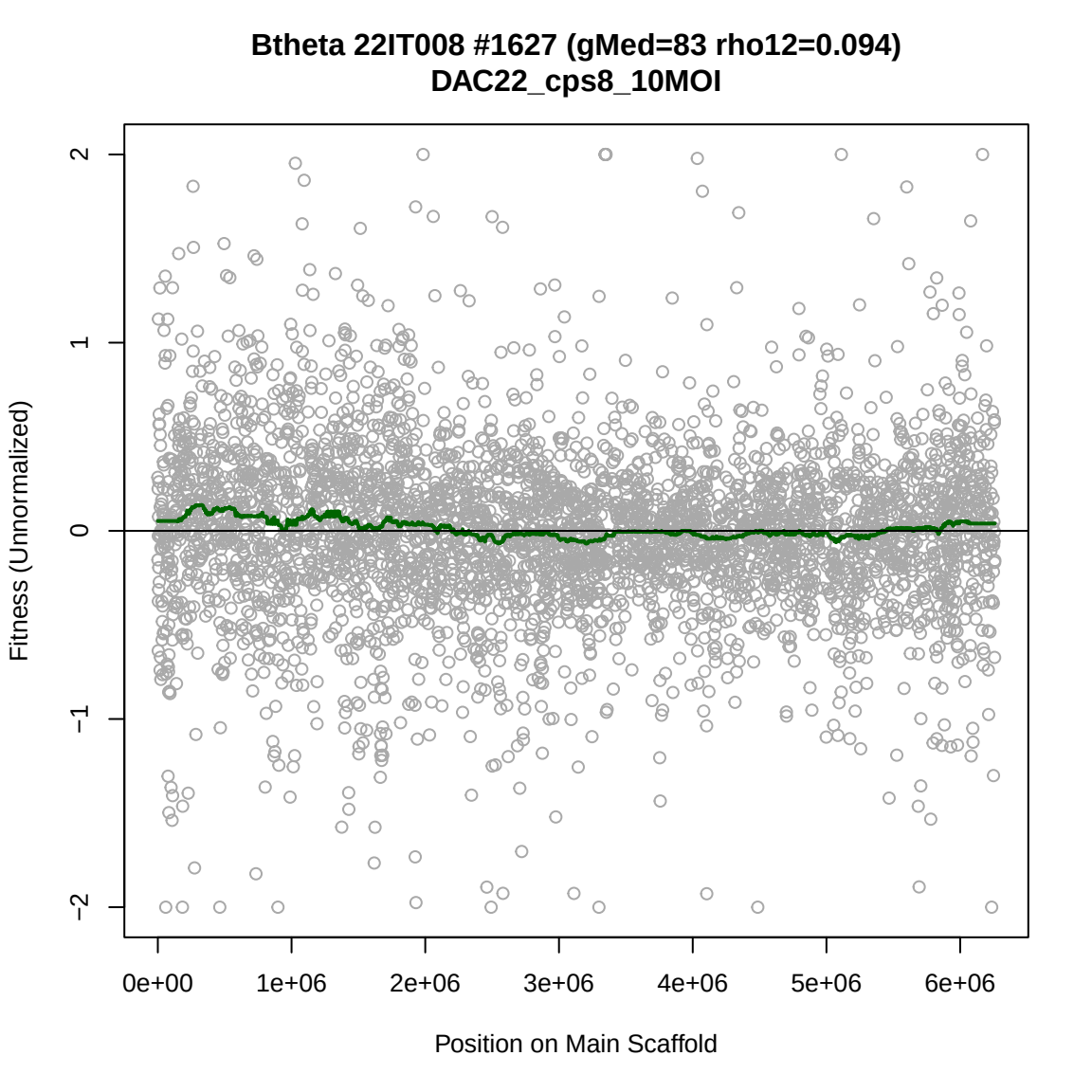

Btheta 22IT003 #1622 (gMed=81 rho12=0.084)
DAC15 _cps3_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

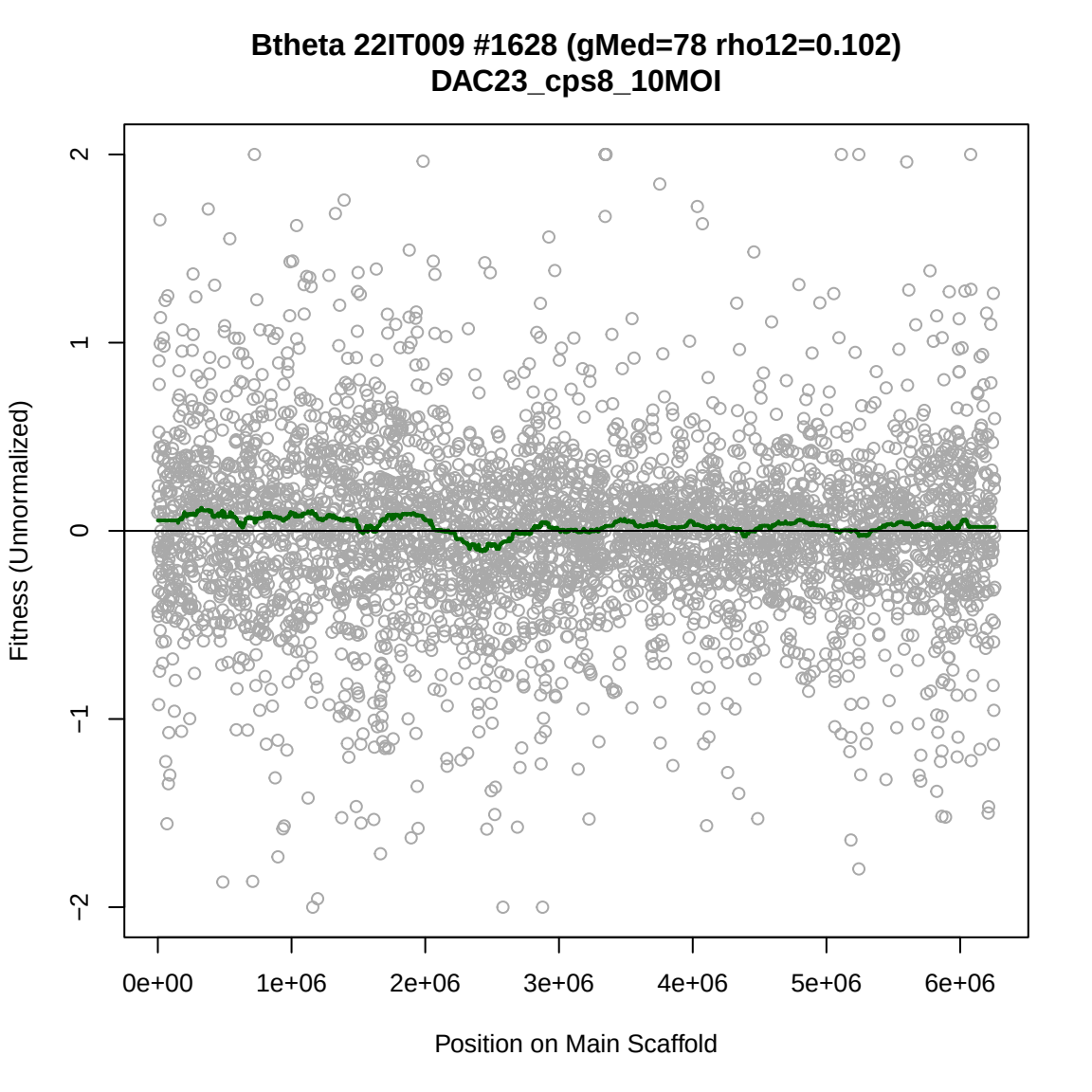

Btheta 22IT004 #1623 (gMed=105 rho12=0.098)
DAC16_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

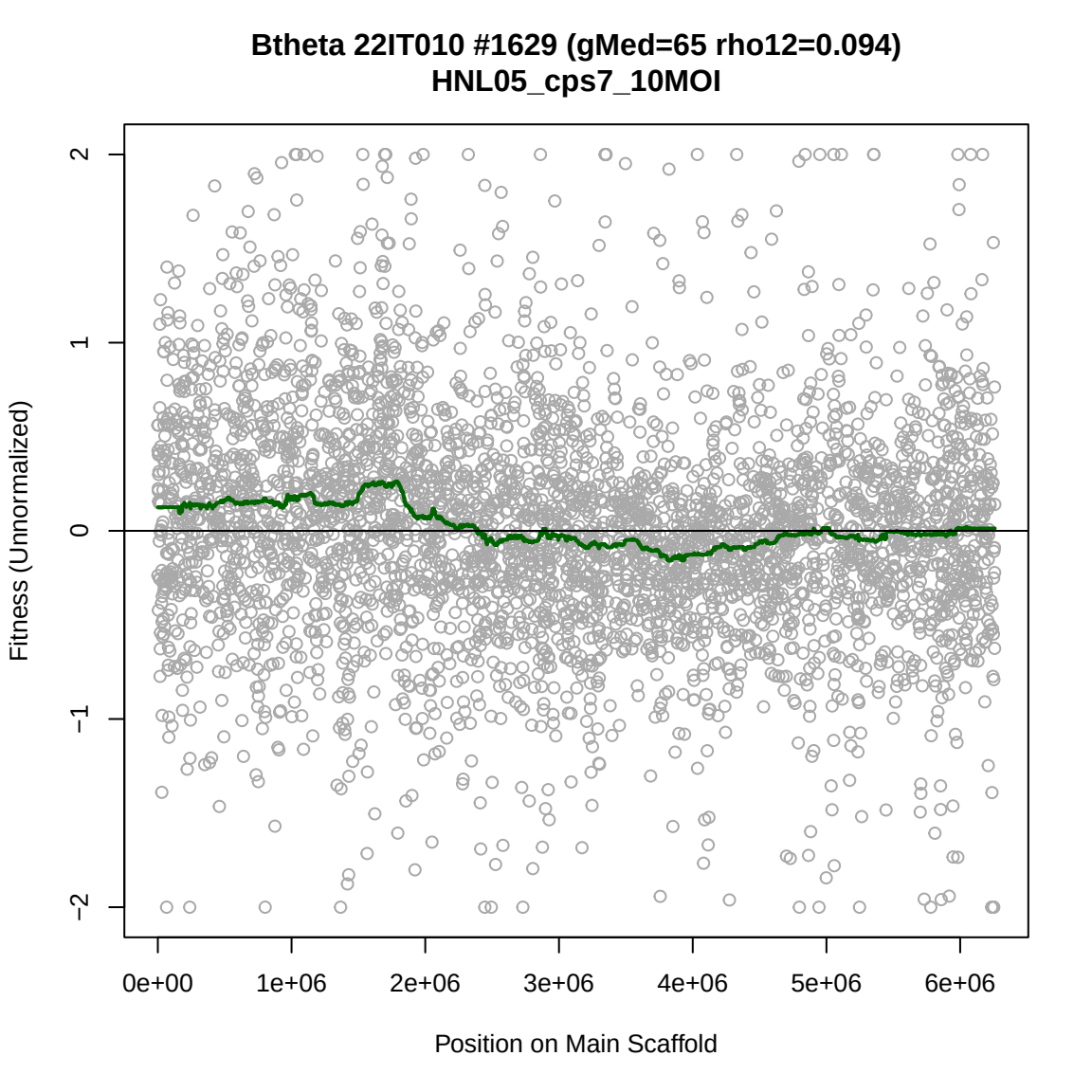

Btheta 22IT005 #1624 (gMed=88 rho12=0.098)
DAC17_cps3_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

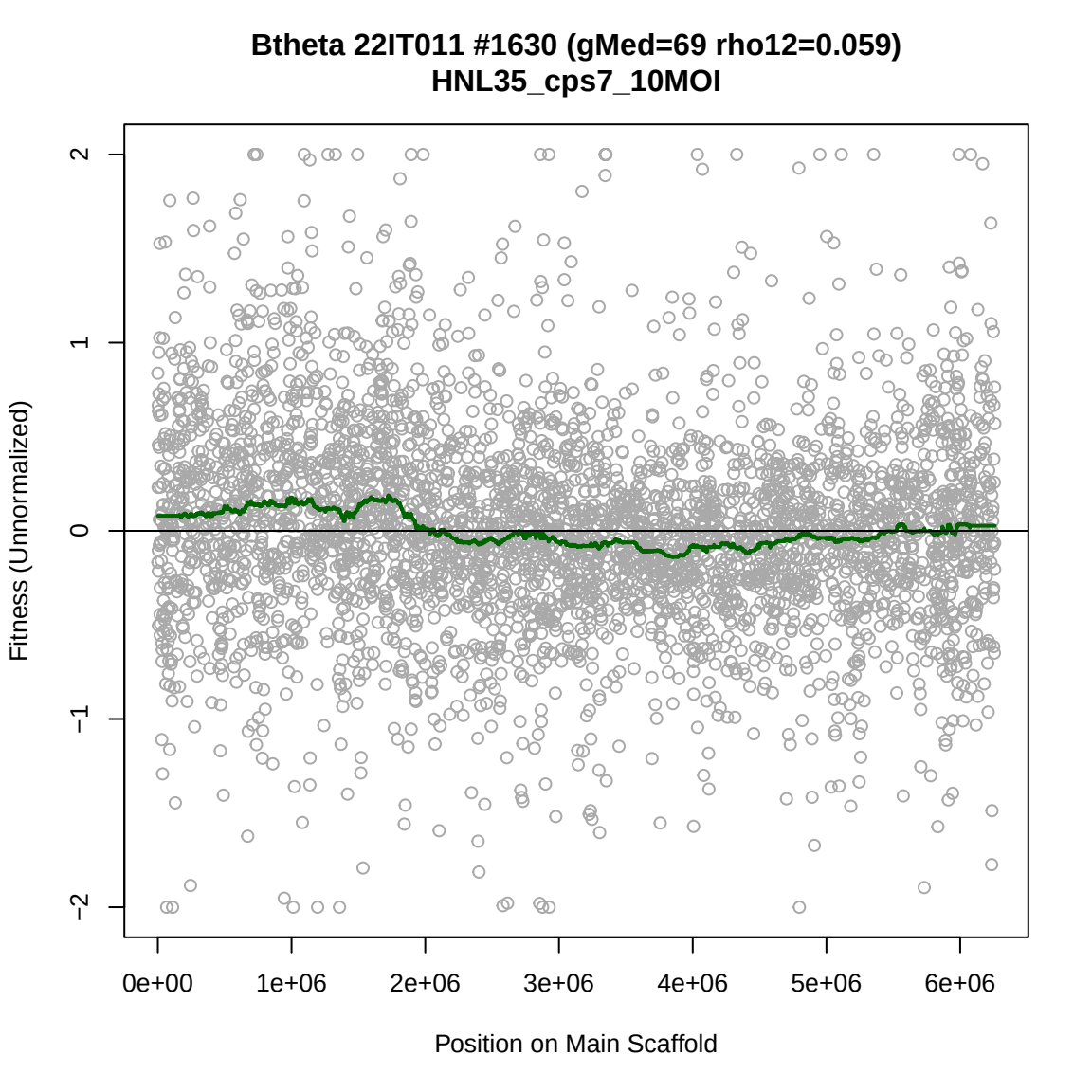

Btheta 22IT006 #1625 (gMed=100 rho12=0.087)
DAC19_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

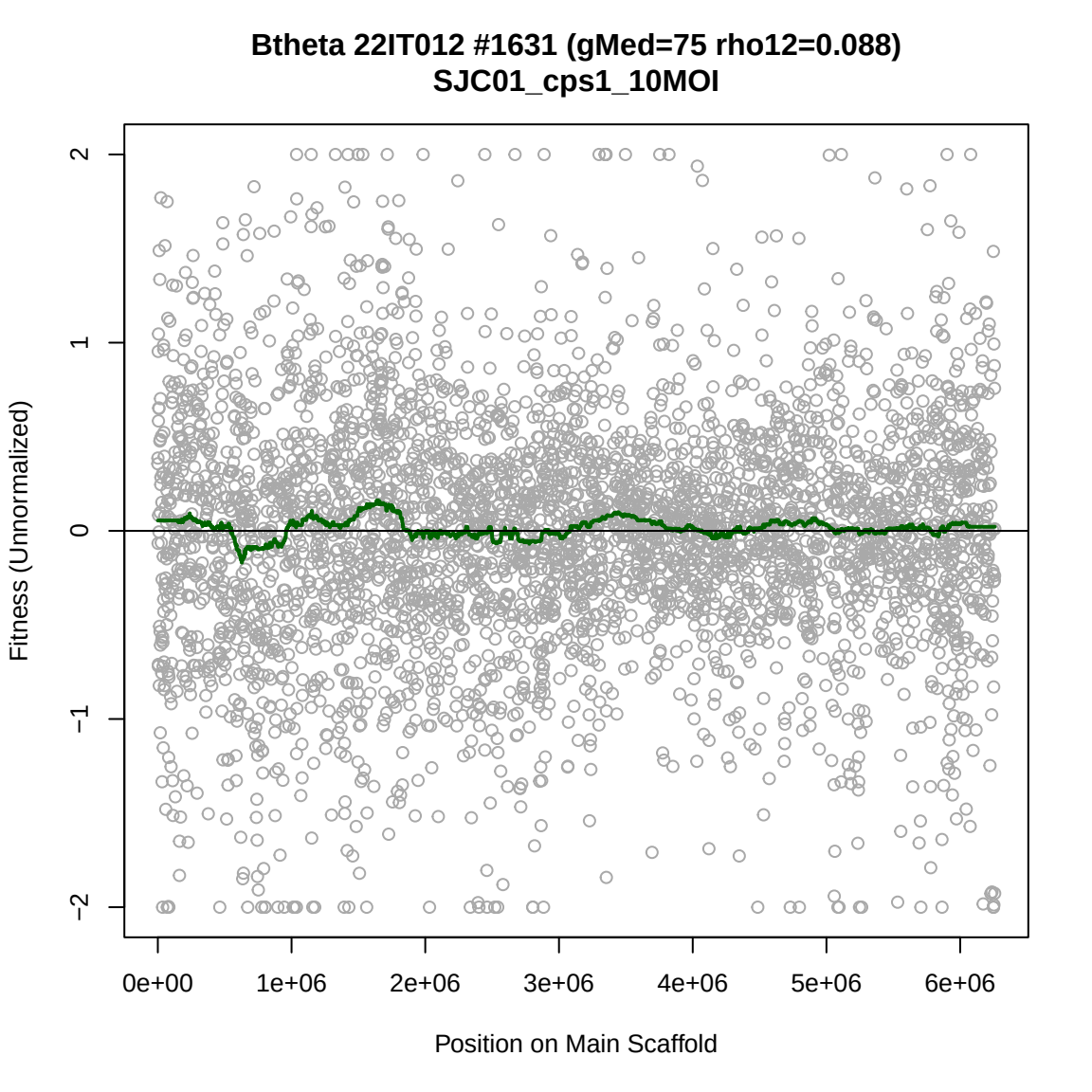

Btheta 22IT007 #1626 (gMed=91 rho12=0.091)
DAC20_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

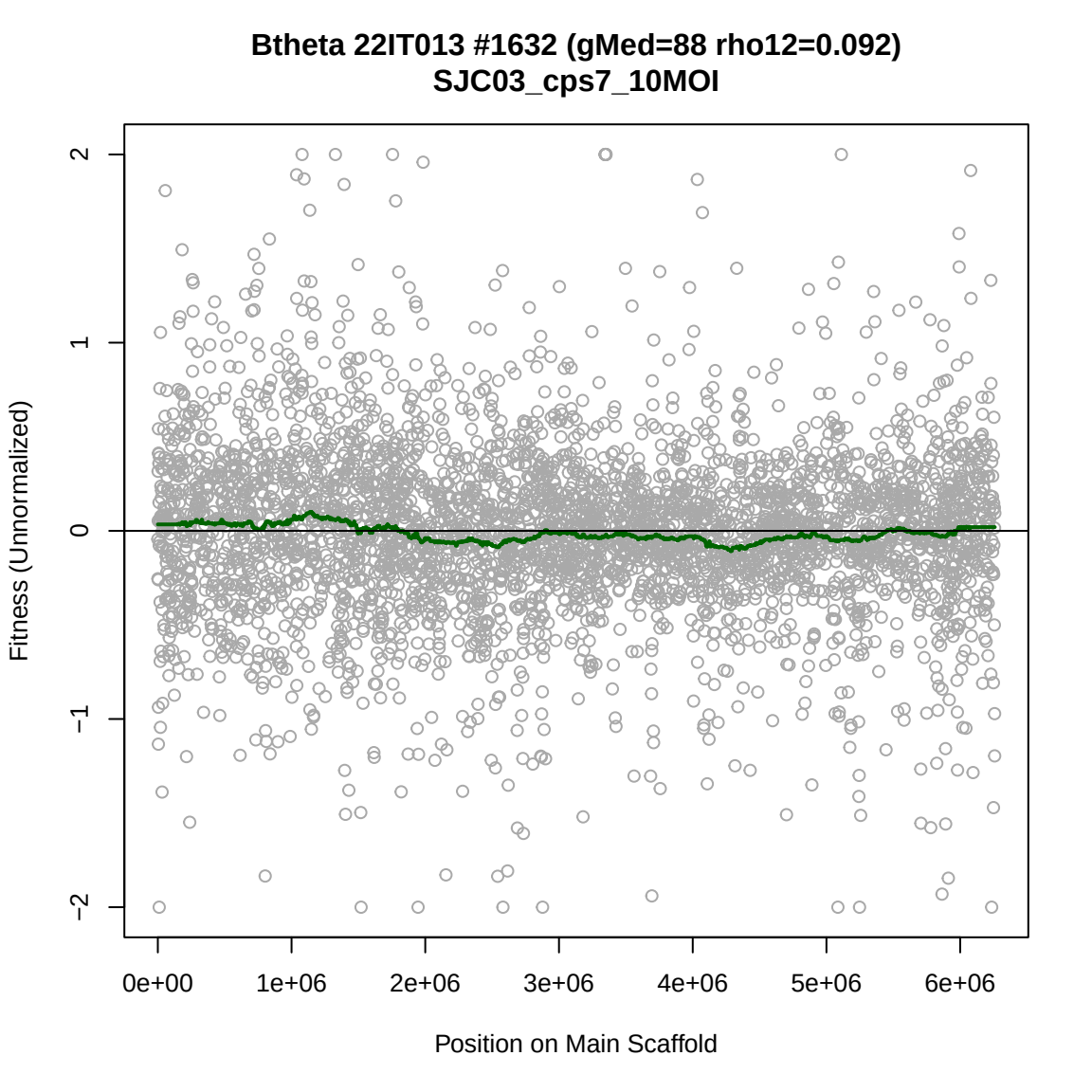

Btheta 22IT008 #1627 (gMed=83 rho12=0.094)
DAC22_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

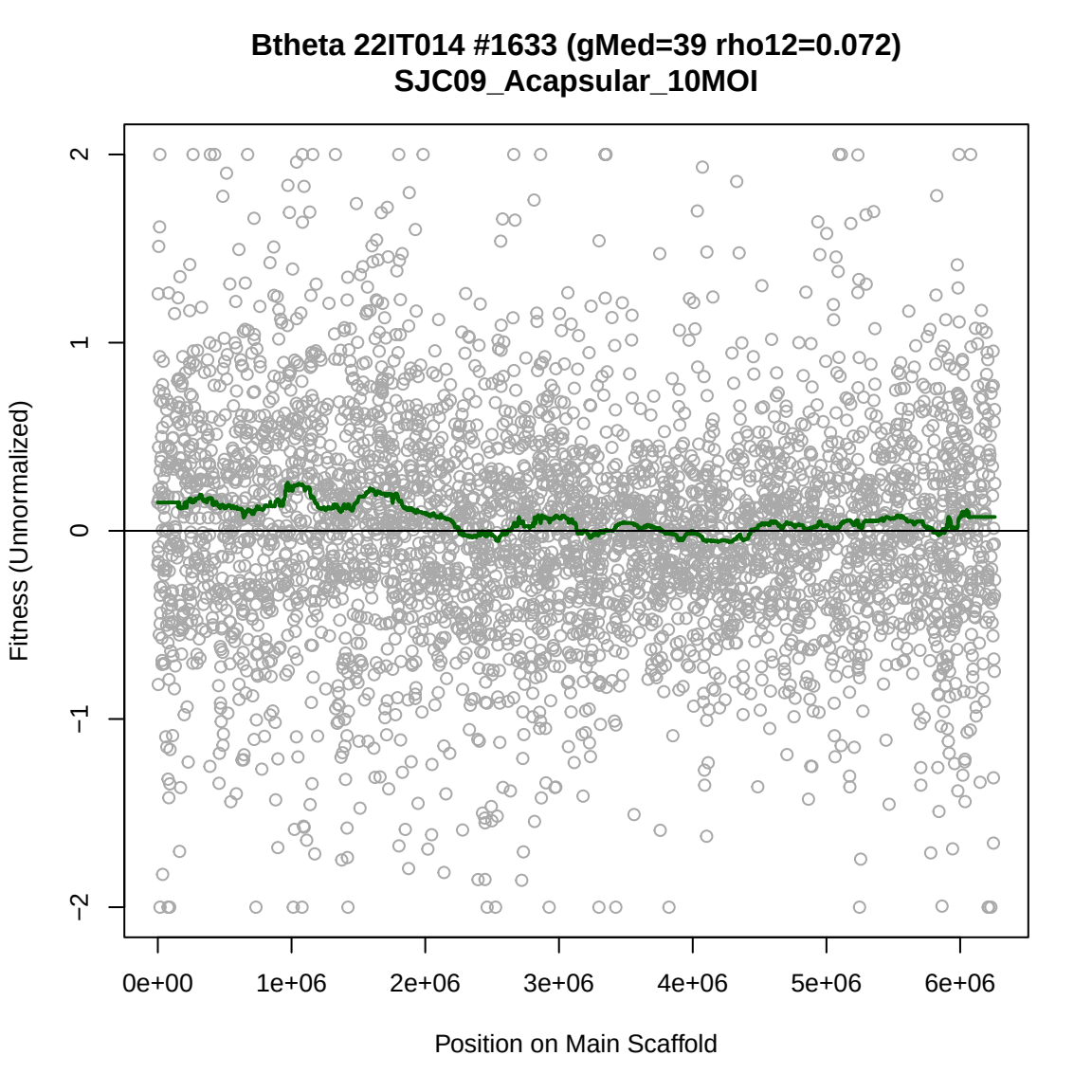

Btheta 22IT009 #1628 (gMed=78 rho12=0.102)
DAC23_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

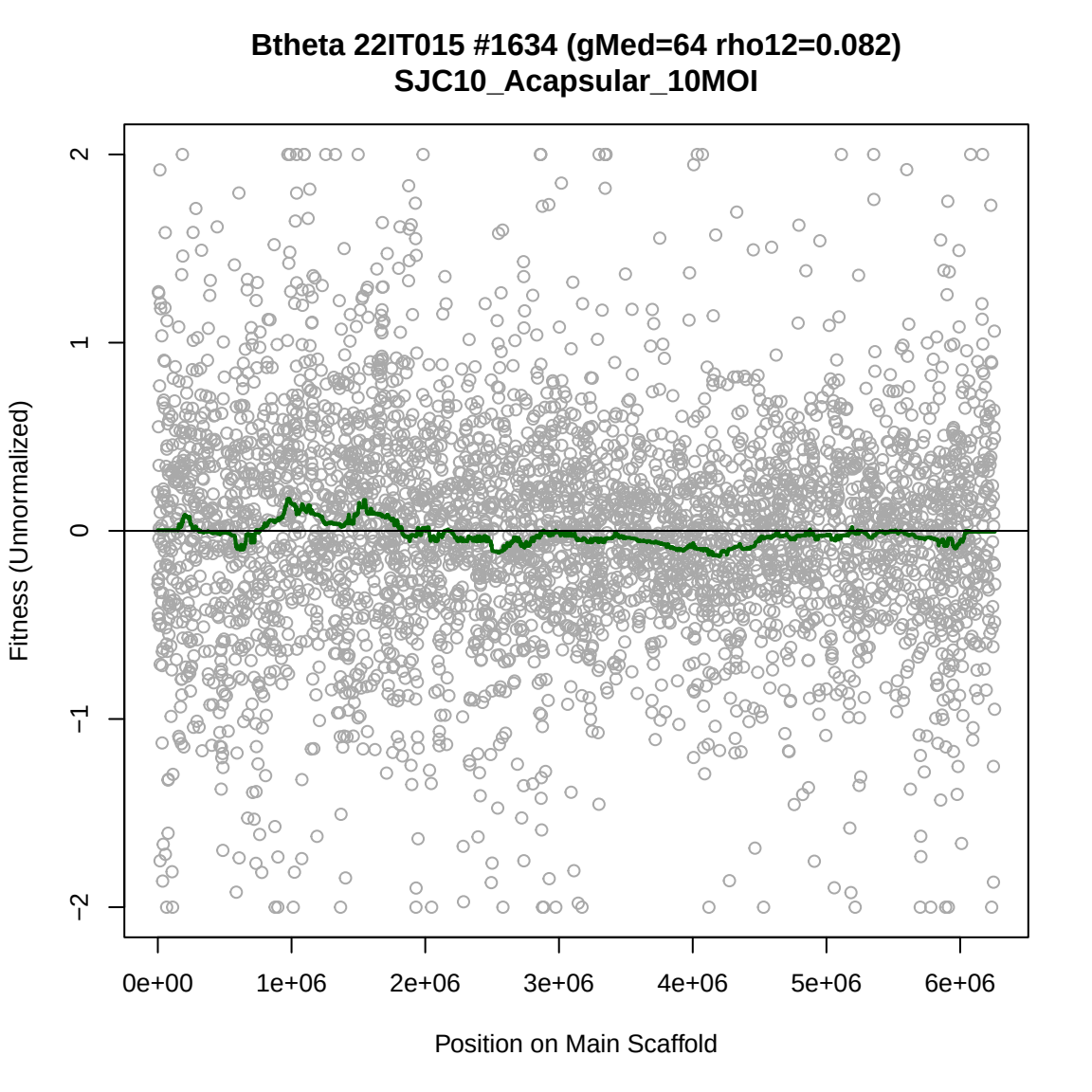

Btheta 22IT010 #1629 (gMed=65 rho12=0.094)
HNL05_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

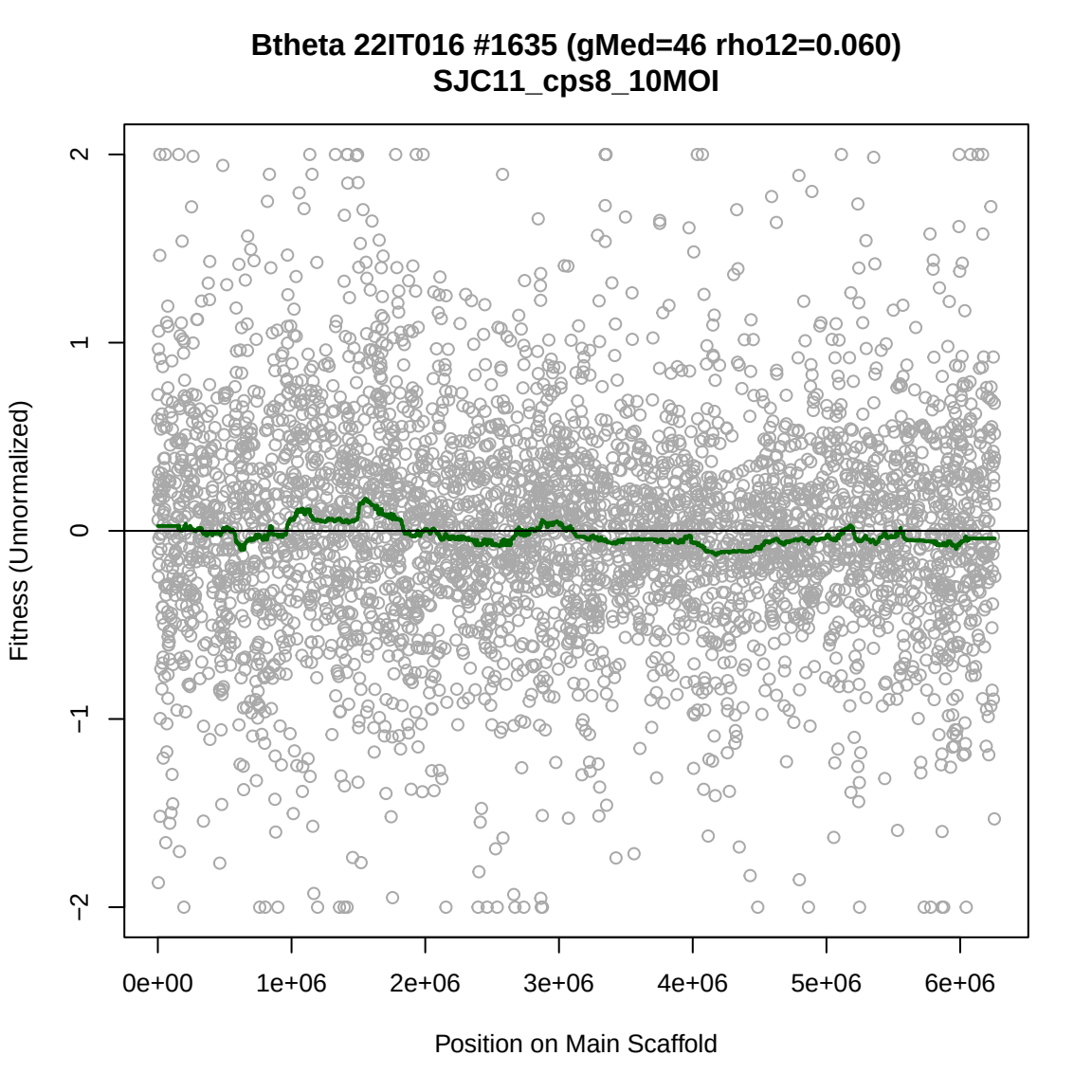

Btheta 22IT011 #1630 (gMed=69 rho12=0.059)
HNL35_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

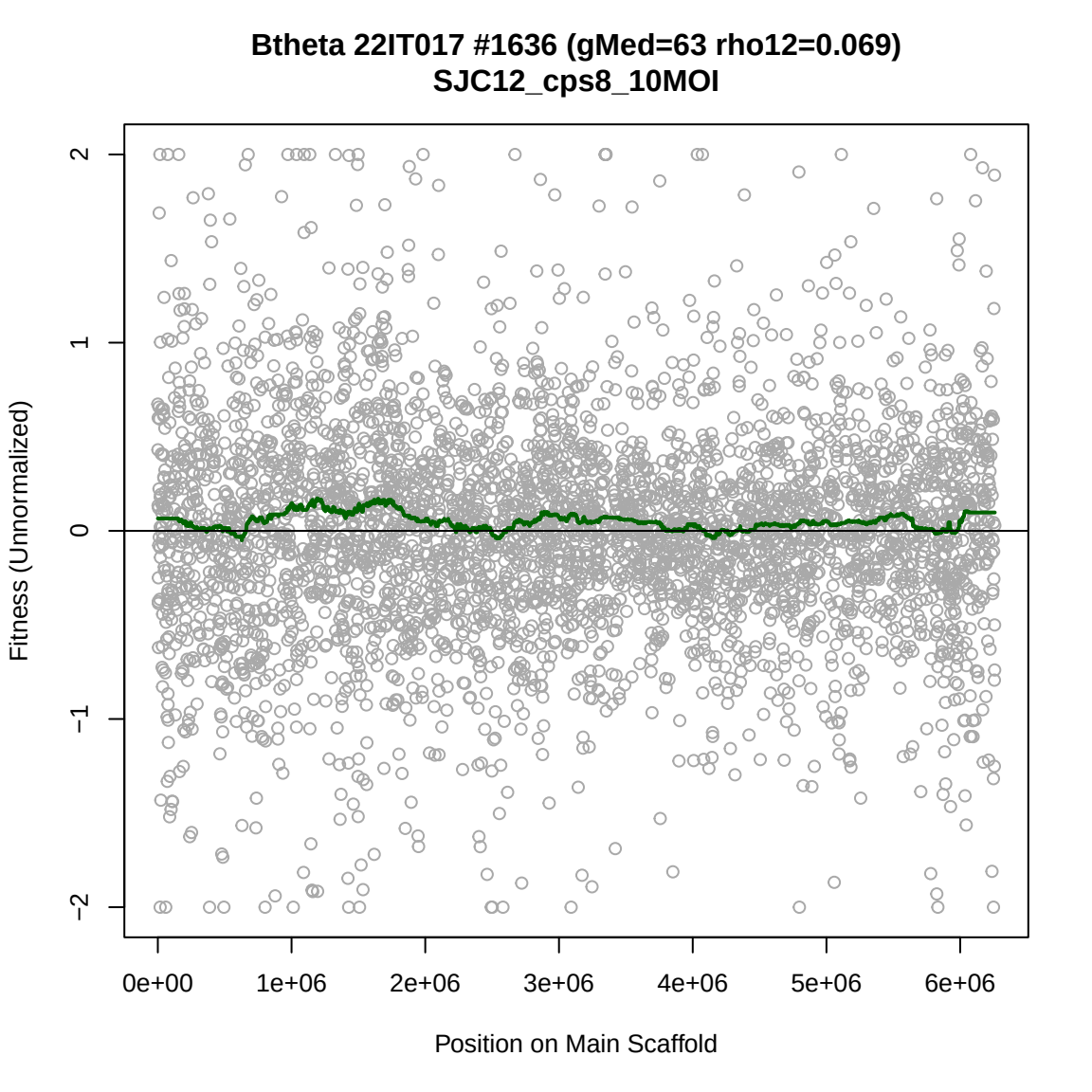

Btheta 22IT012 #1631 (gMed=75 rho12=0.088)
SJC01_cps1_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

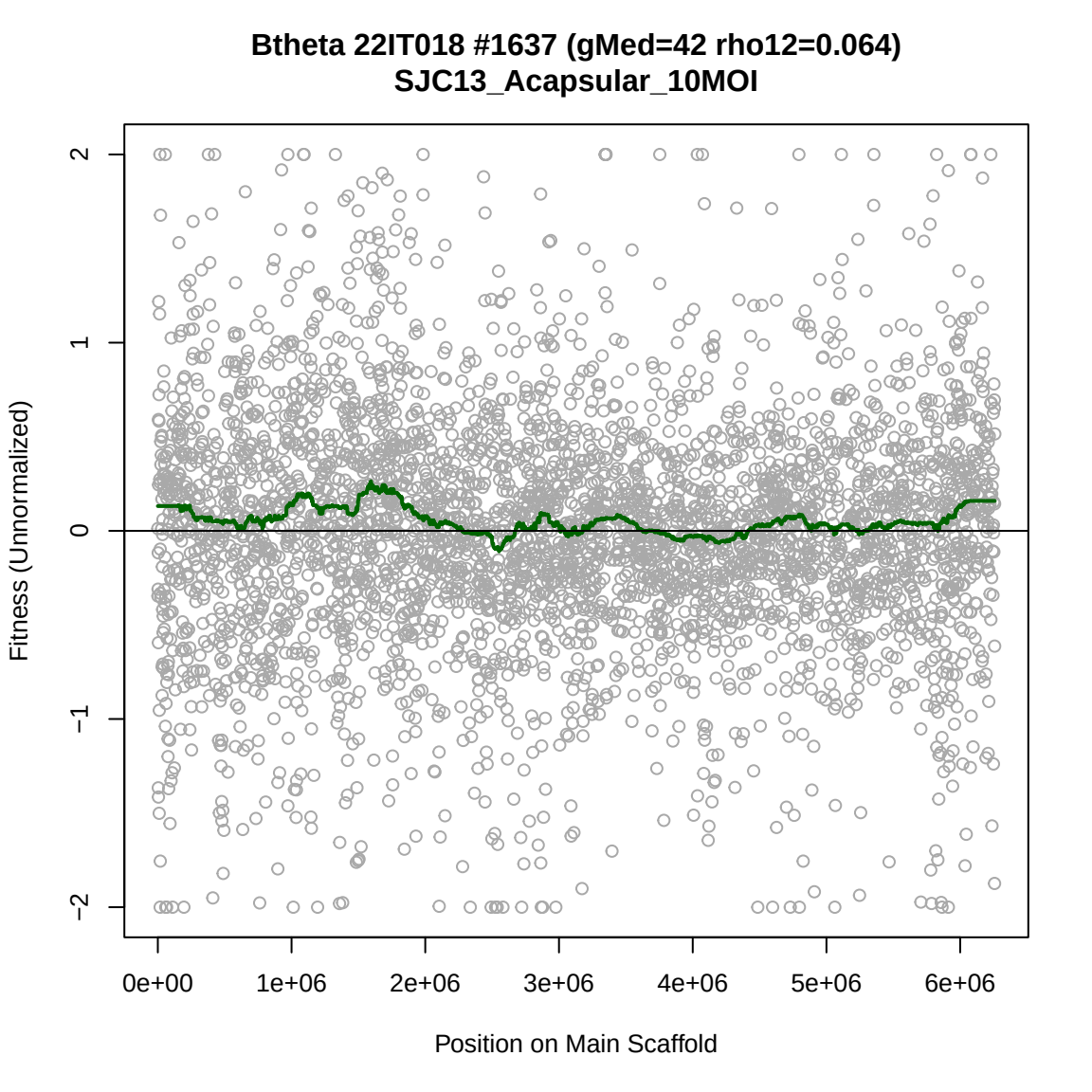

Btheta 22IT013 #1632 (gMed=88 rho12=0.092)
SJC03_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

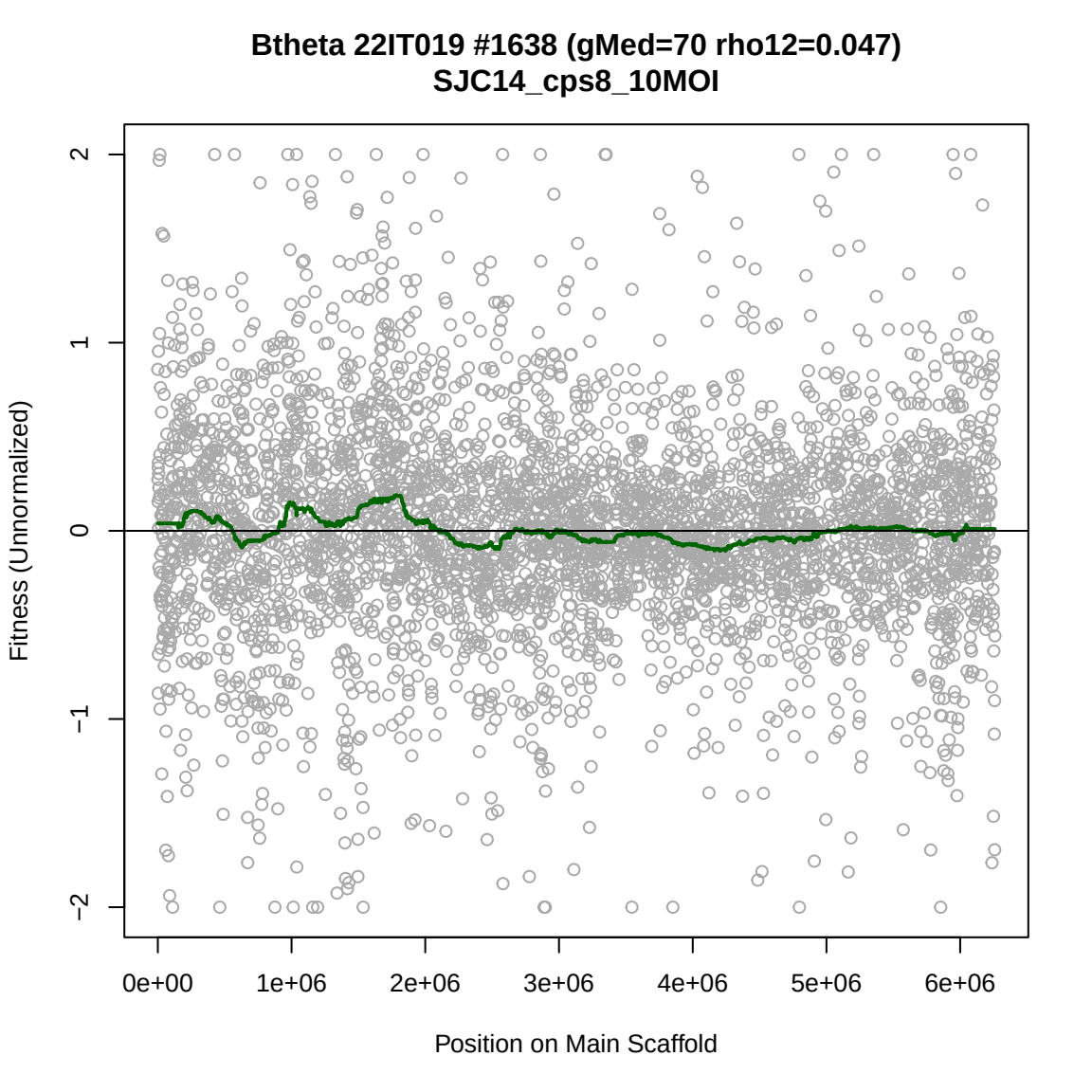

Btheta 22IT014 #1633 (gMed=39 rho12=0.072)
SJC09_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

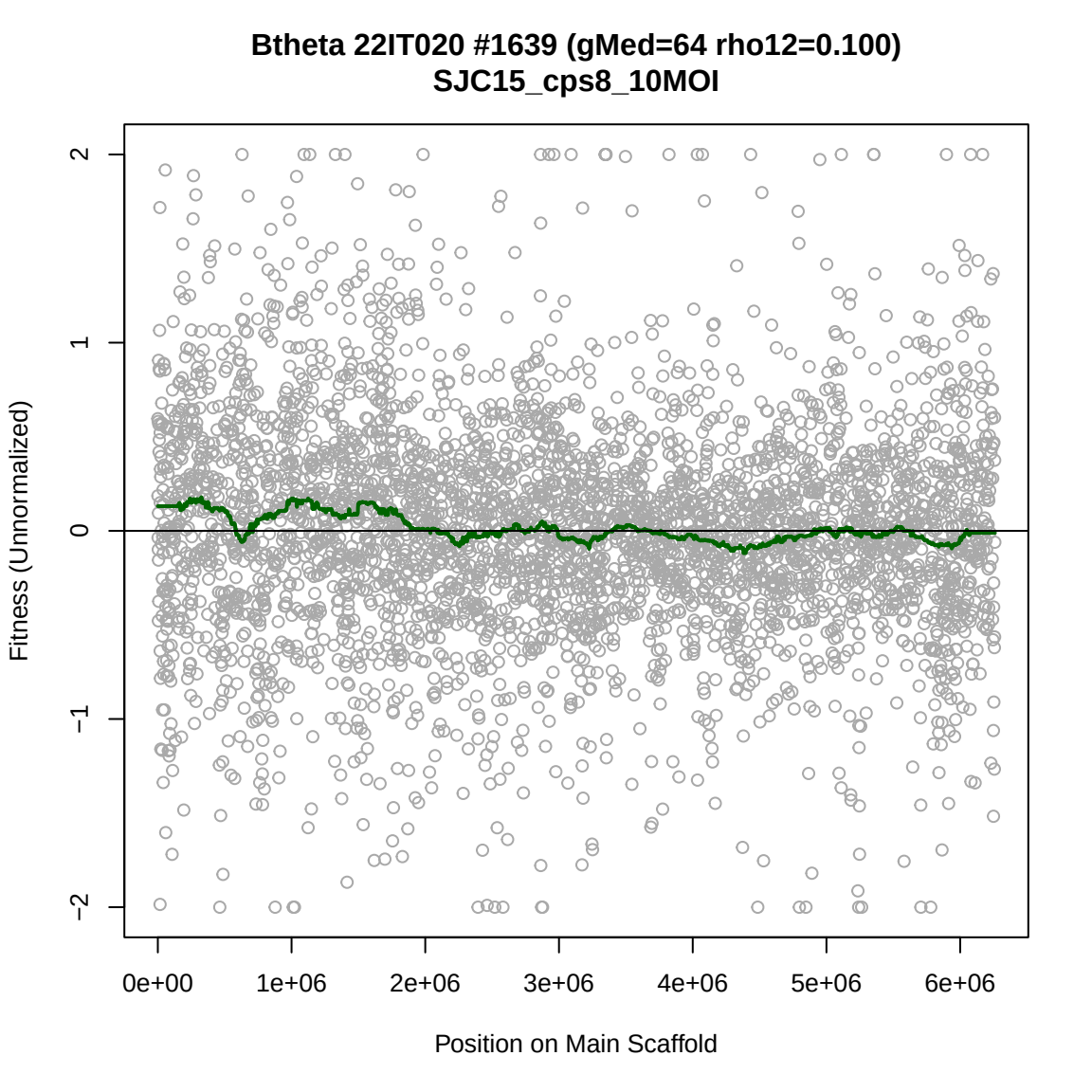

Btheta 22IT015 #1634 (gMed=64 rho12=0.082)
SJC10_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

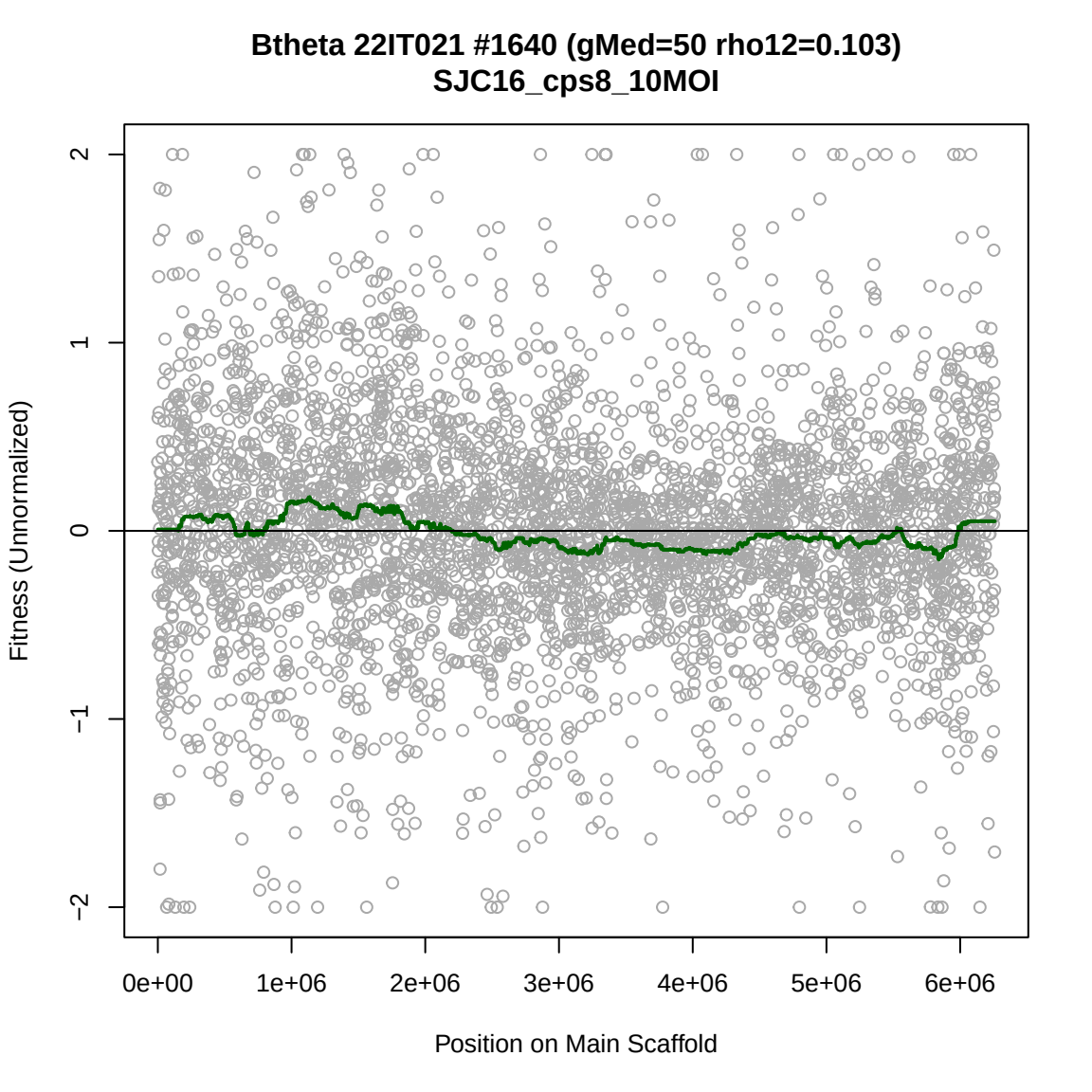

Btheta 22IT016 #1635 (gMed=46 rho12=0.060)
SJC11_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

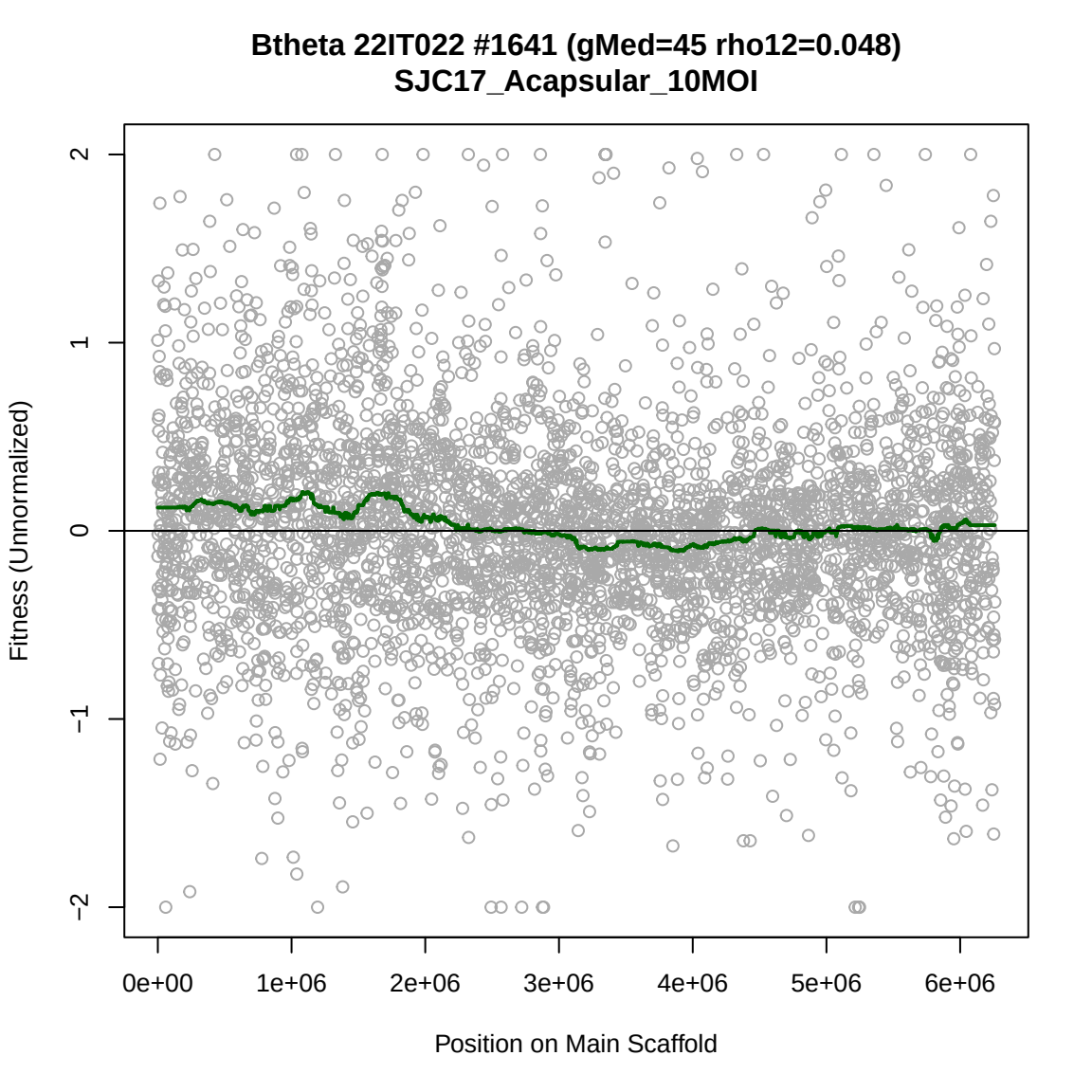

Btheta 22IT017 #1636 (gMed=63 rho12=0.069)
SJC12_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

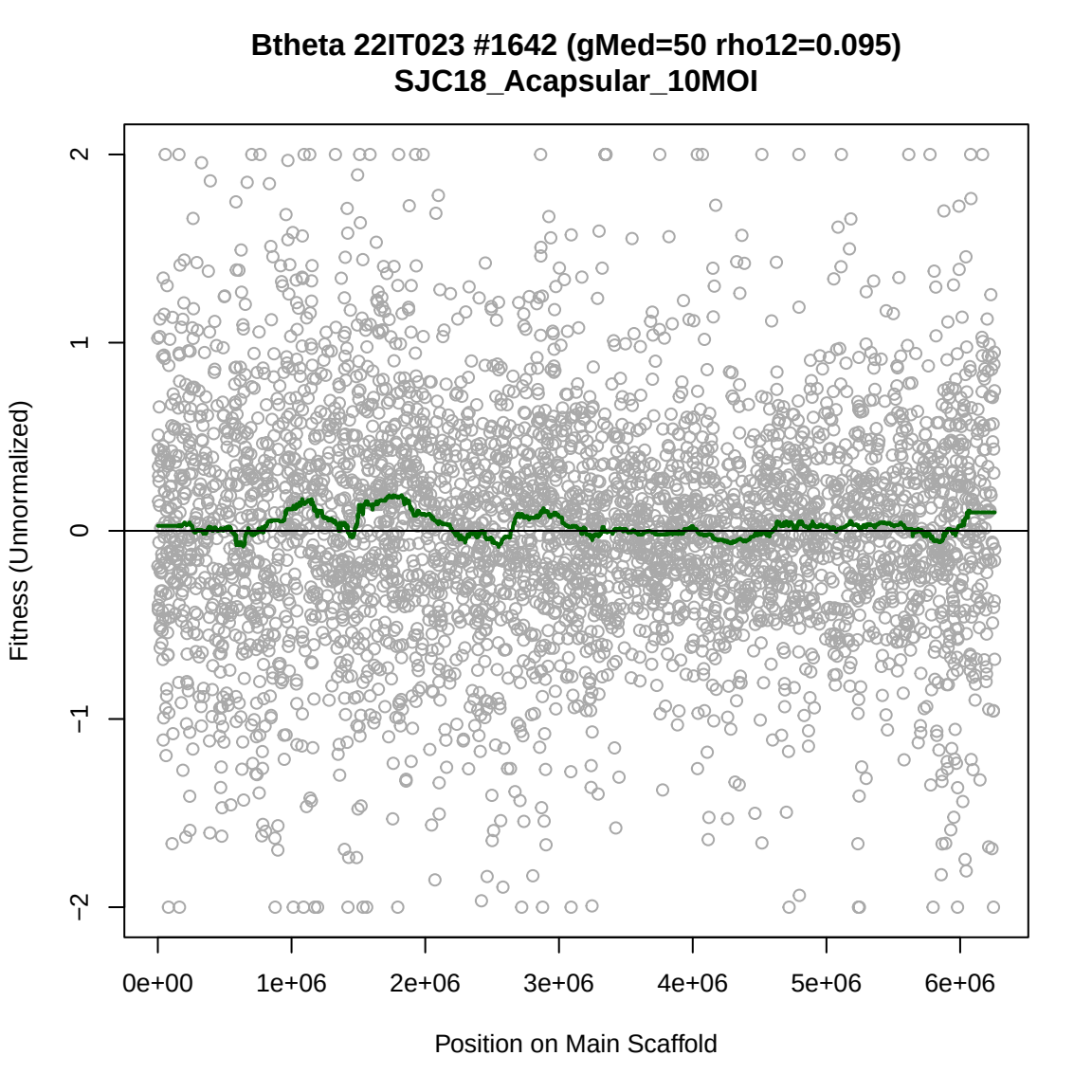

Btheta 22IT018 #1637 (gMed=42 rho12=0.064)
SJC13_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

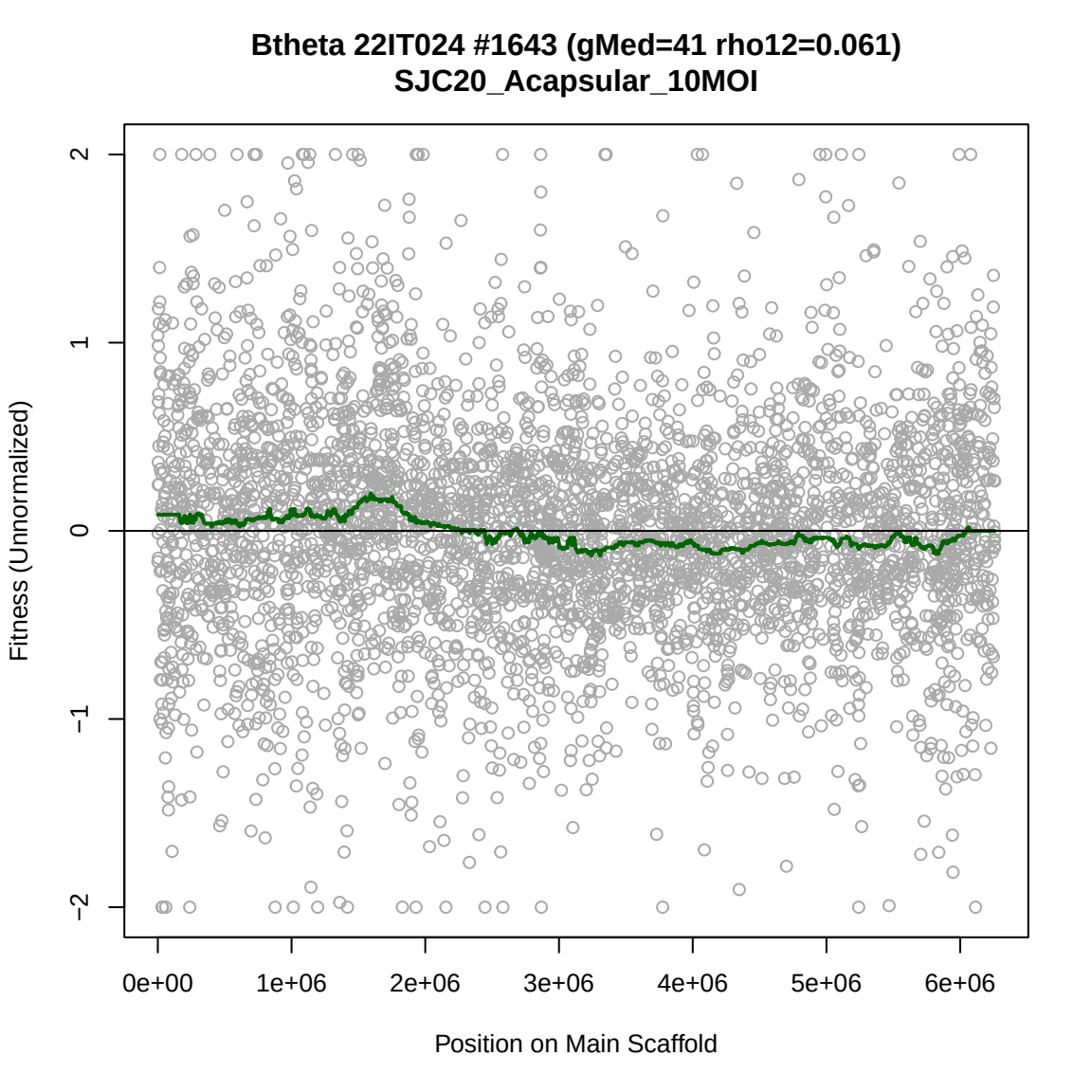

Btheta 22IT019 #1638 (gMed=70 rho12=0.047)
SJC14_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

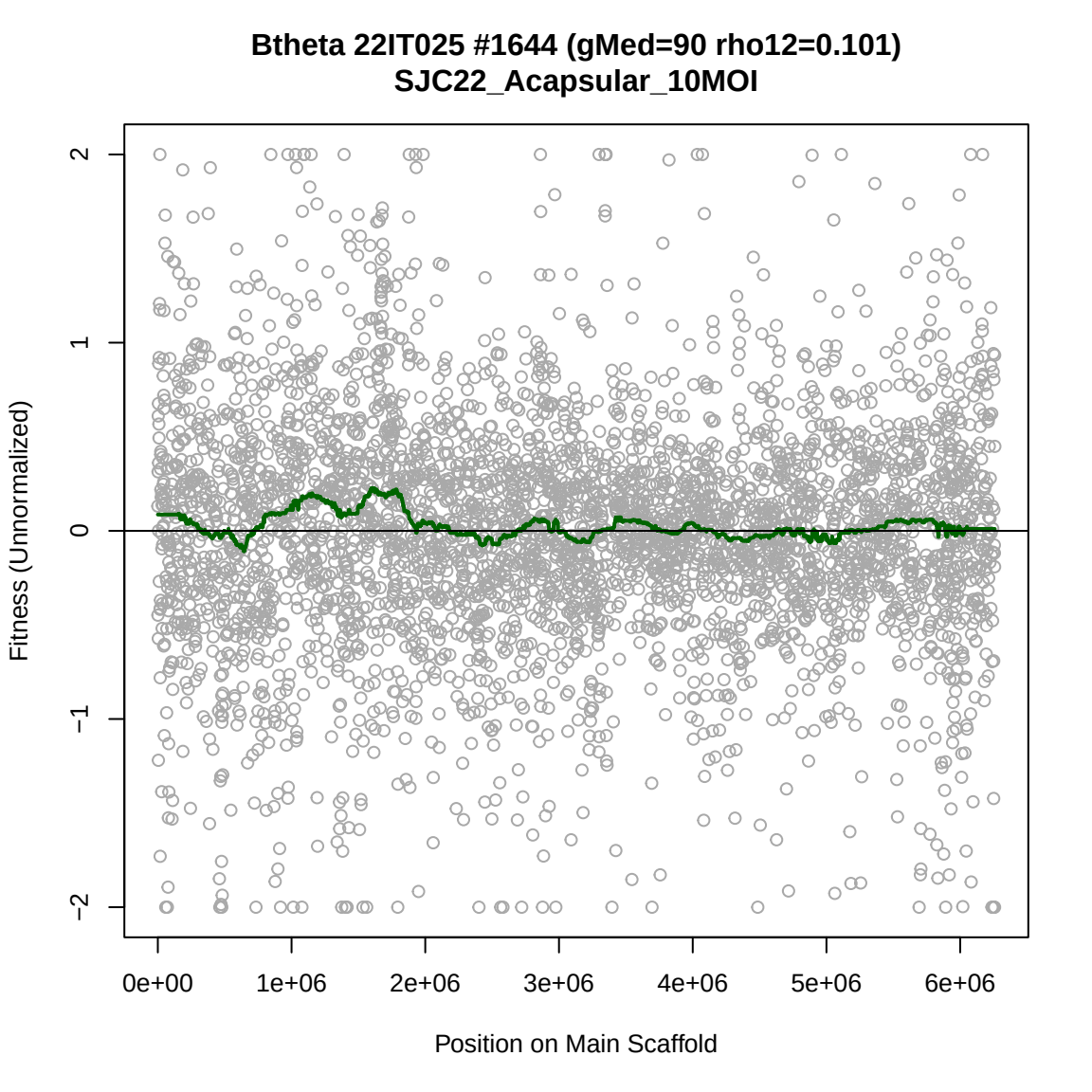

Btheta 22IT020 #1639 (gMed=64 rho12=0.100)
SJC15_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

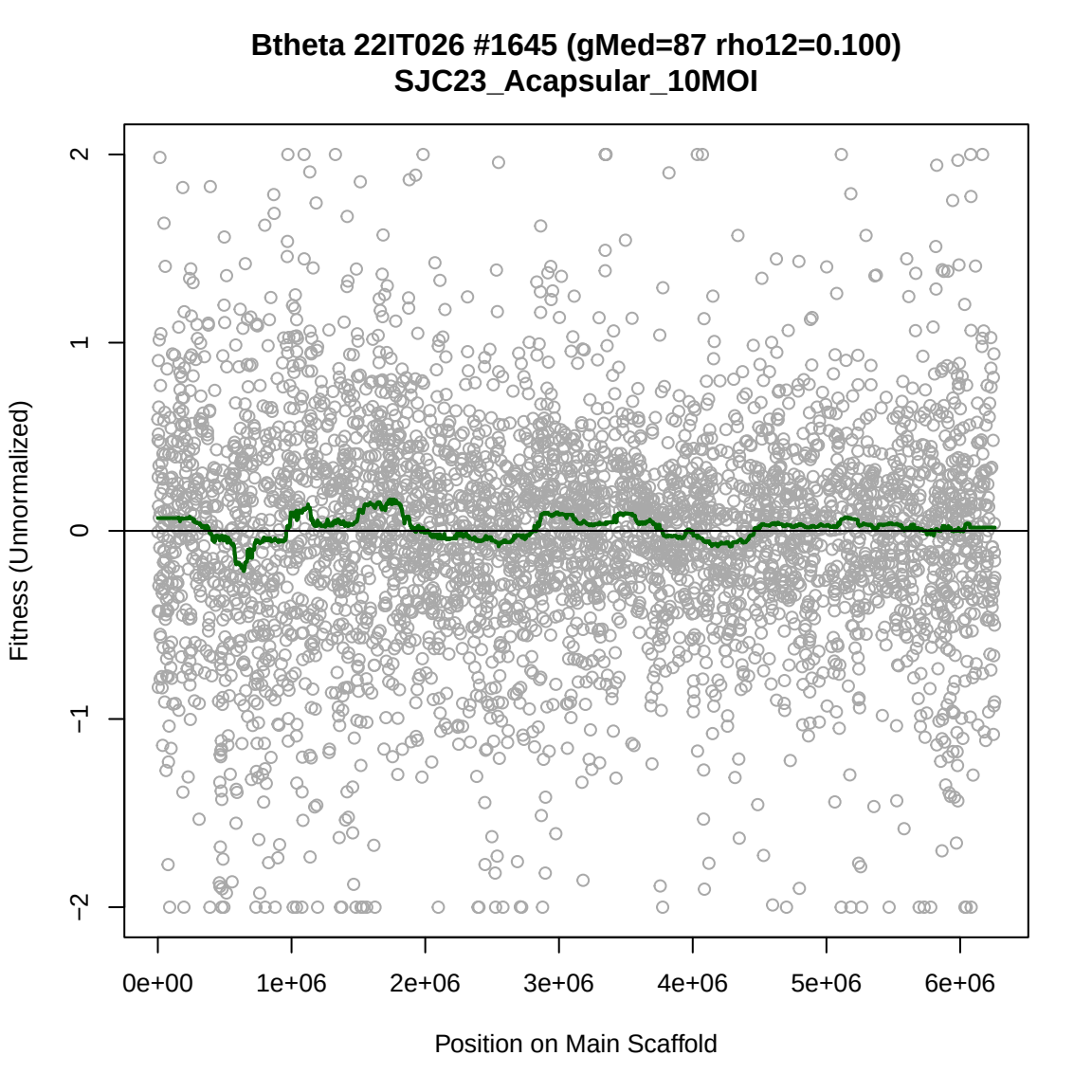

Btheta 22IT021 #1640 (gMed=50 rho12=0.103)
SJC16_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

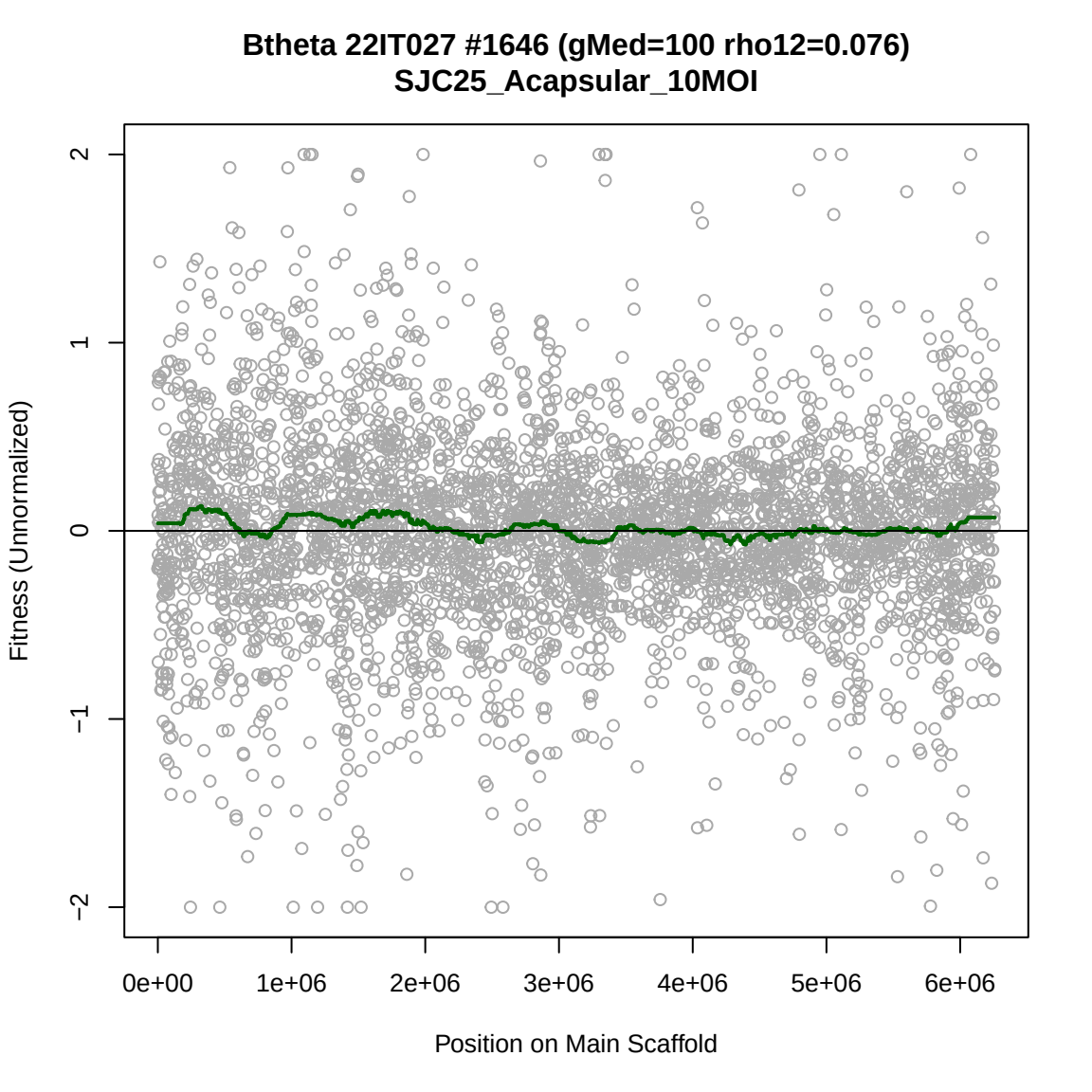

Btheta 22IT022 #1641 (gMed=45 rho12=0.048)
SJC17_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

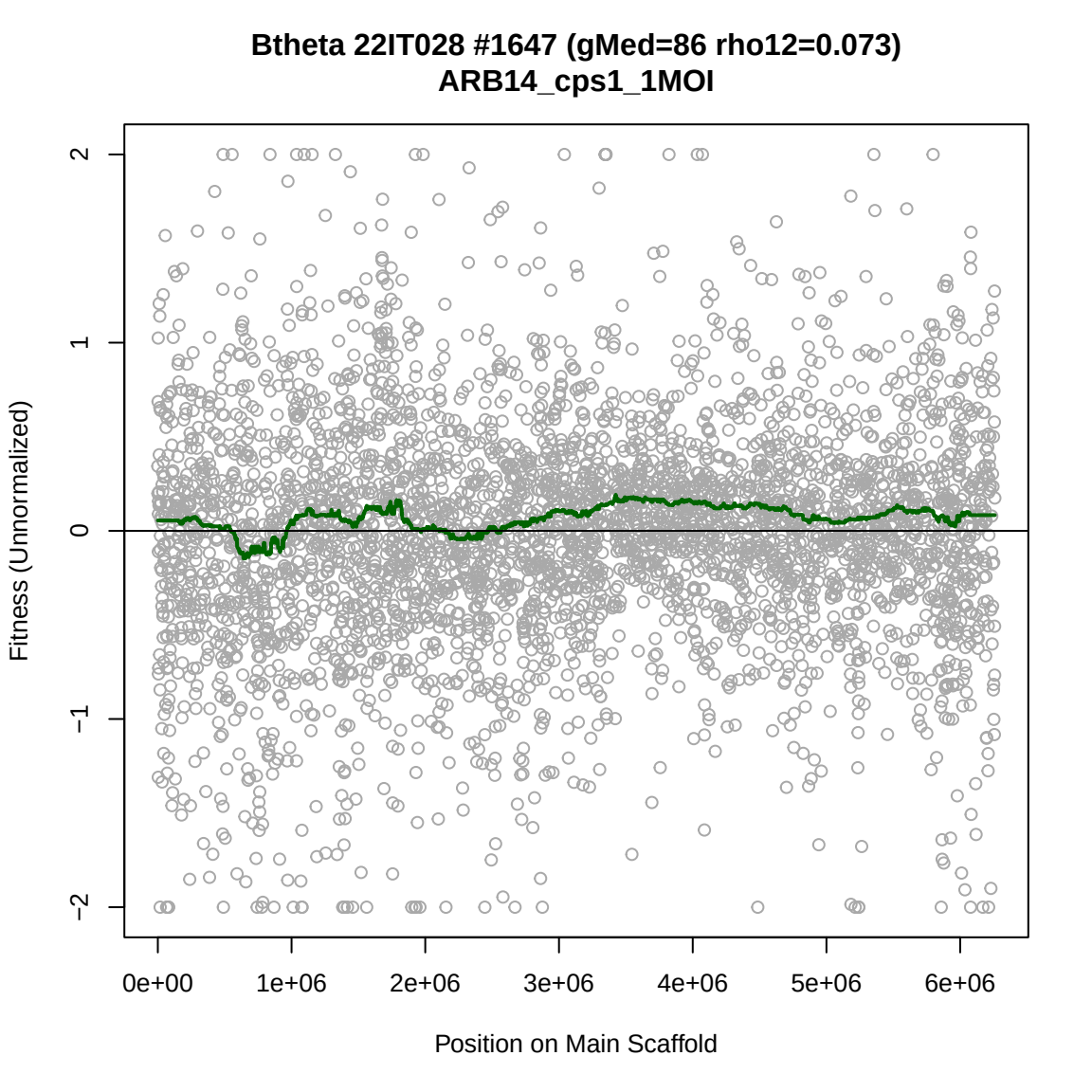

Btheta 22IT023 #1642 (gMed=50 rho12=0.095)
SJC18_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

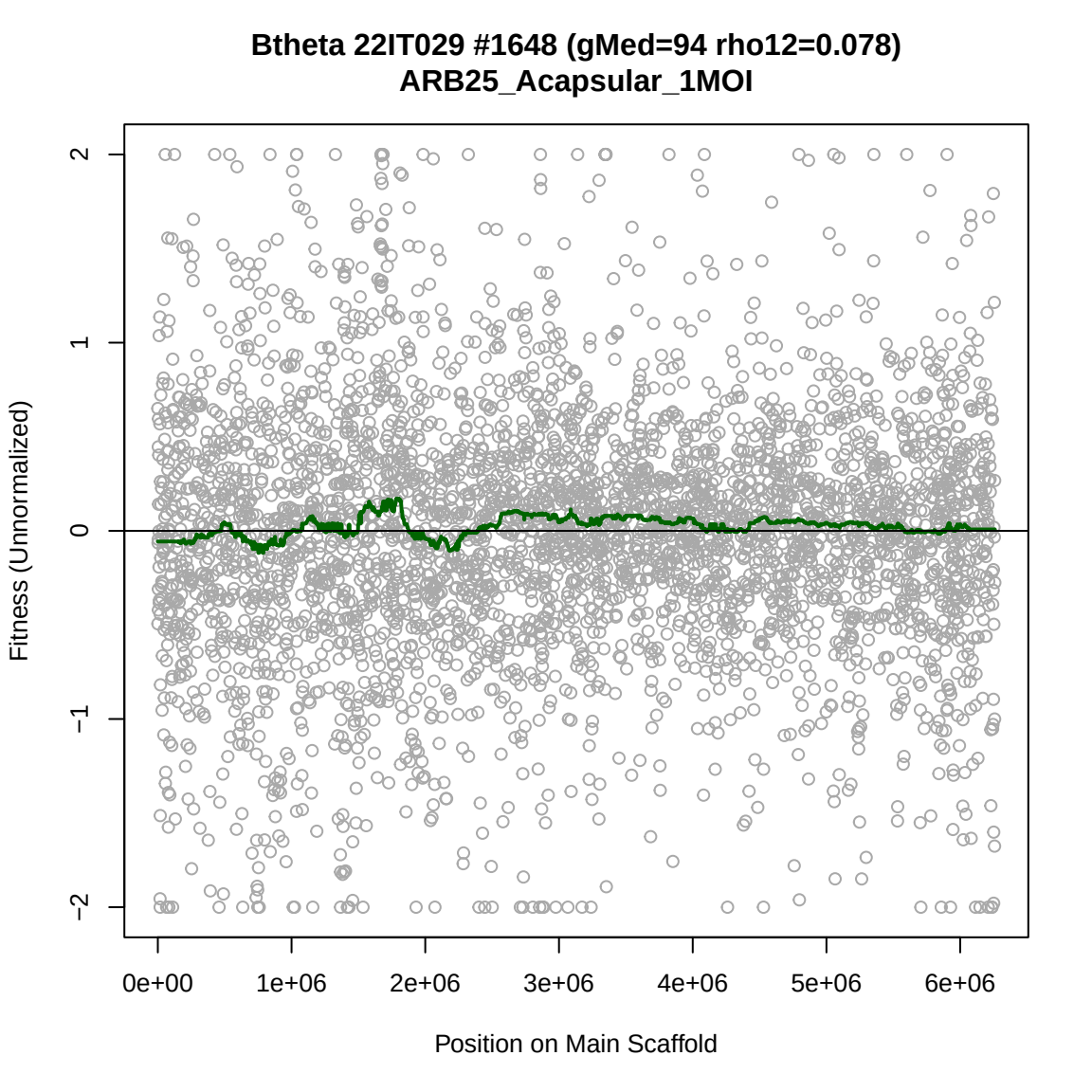

Btheta 22IT024 #1643 (gMed=41 rho12=0.061)
SJC20_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

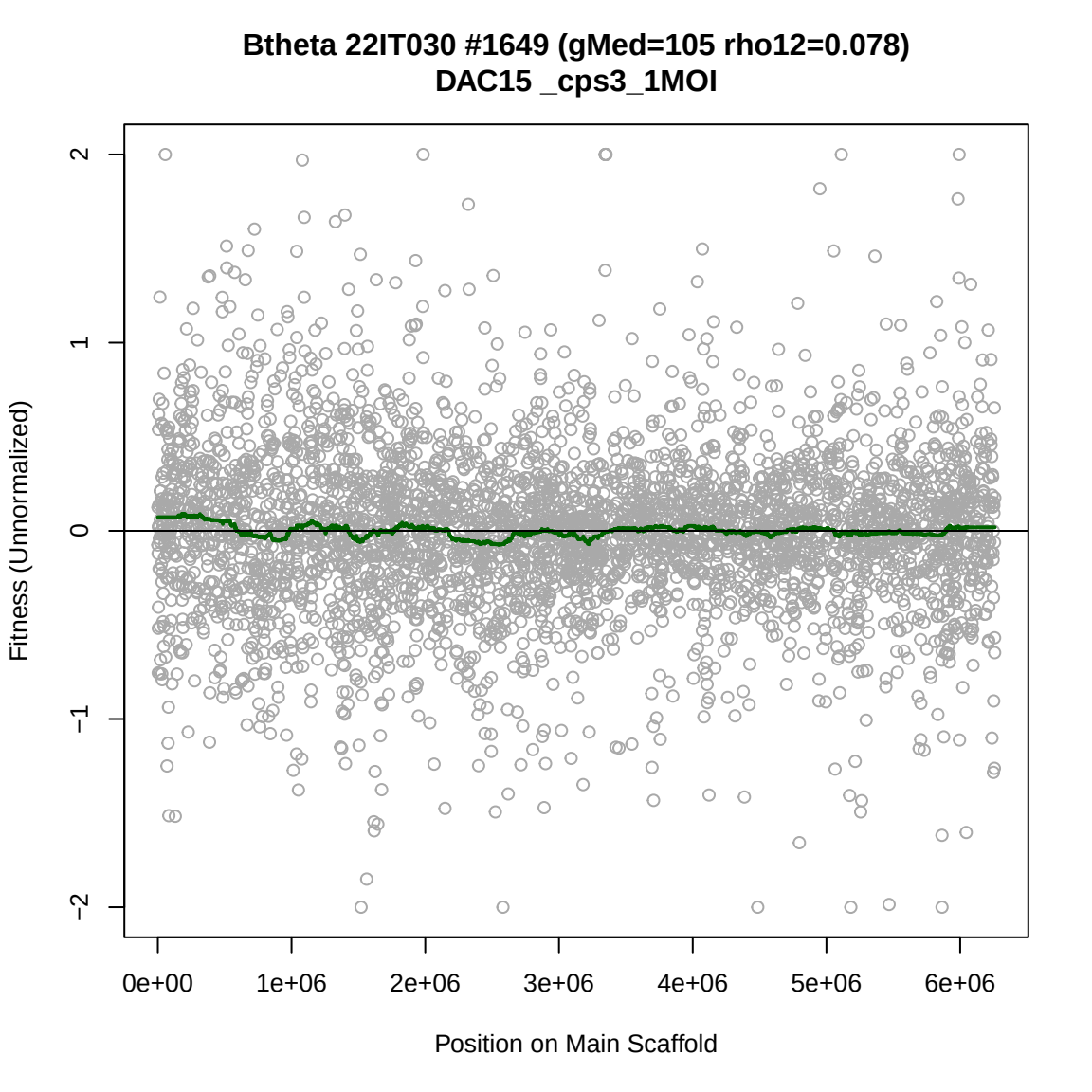

Btheta 22IT025 #1644 (gMed=90 rho12=0.101)
SJC22_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

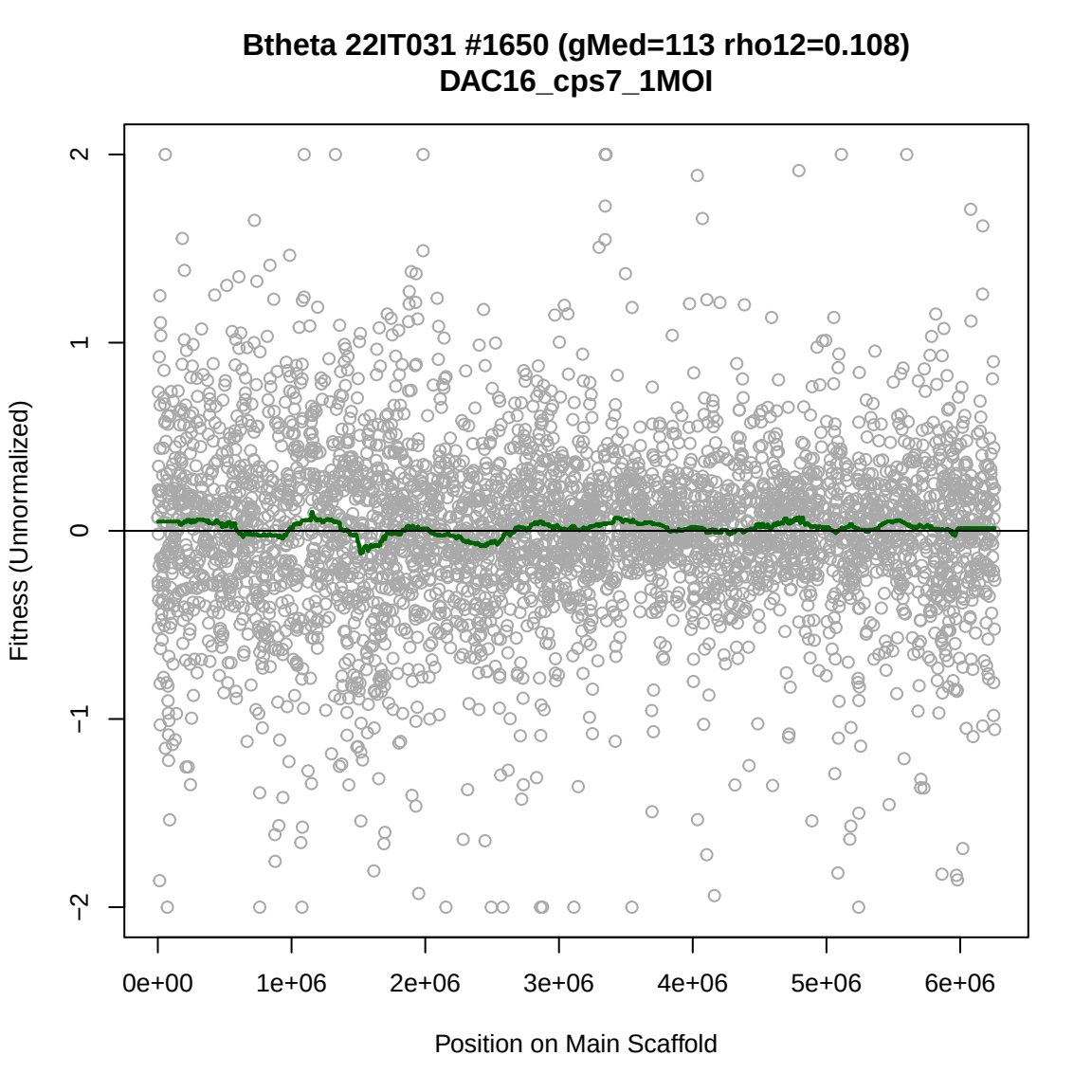

Btheta 22IT026 #1645 (gMed=87 rho12=0.100)
SJC23_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

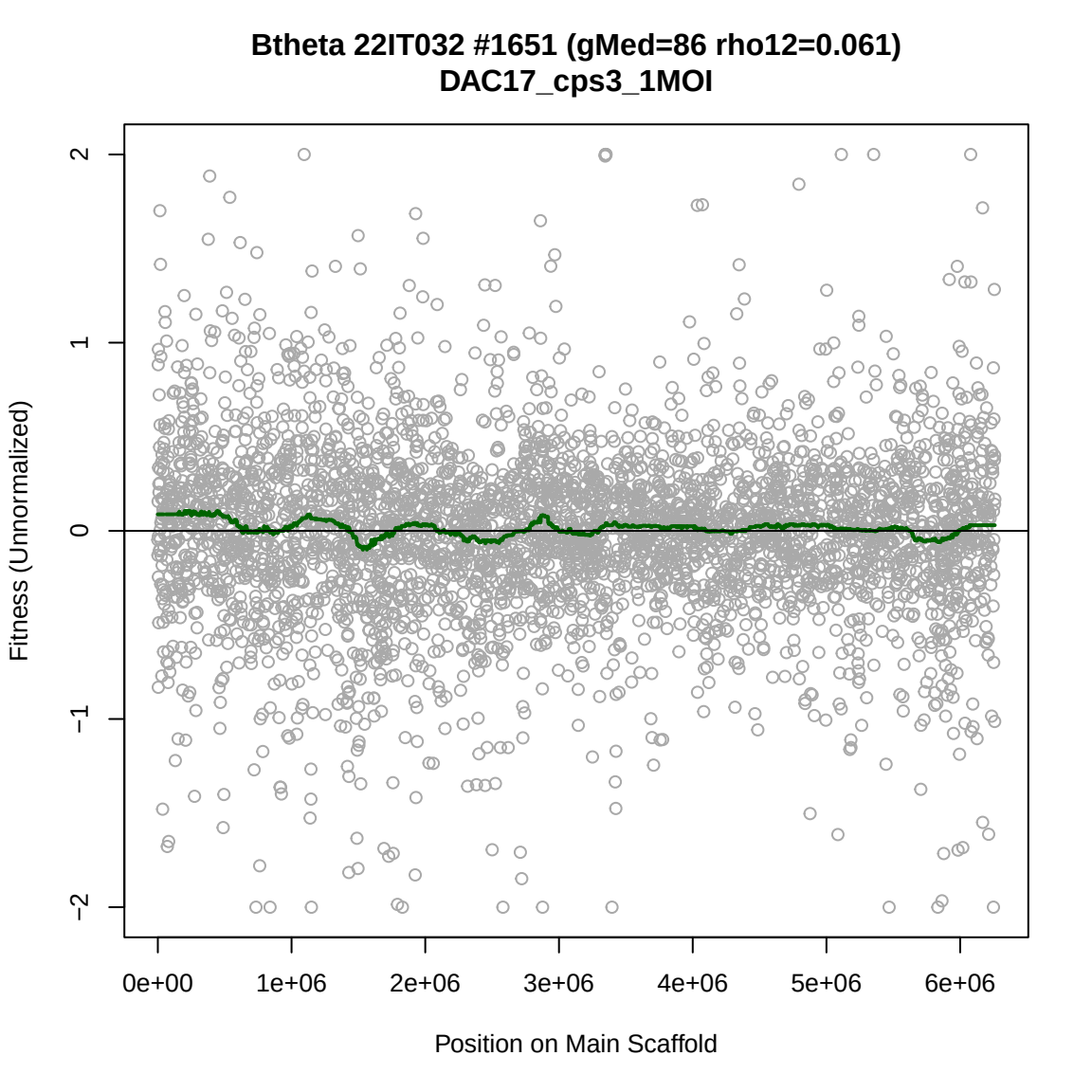

Btheta 22IT027 #1646 (gMed=100 rho12=0.076)
SJC25_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

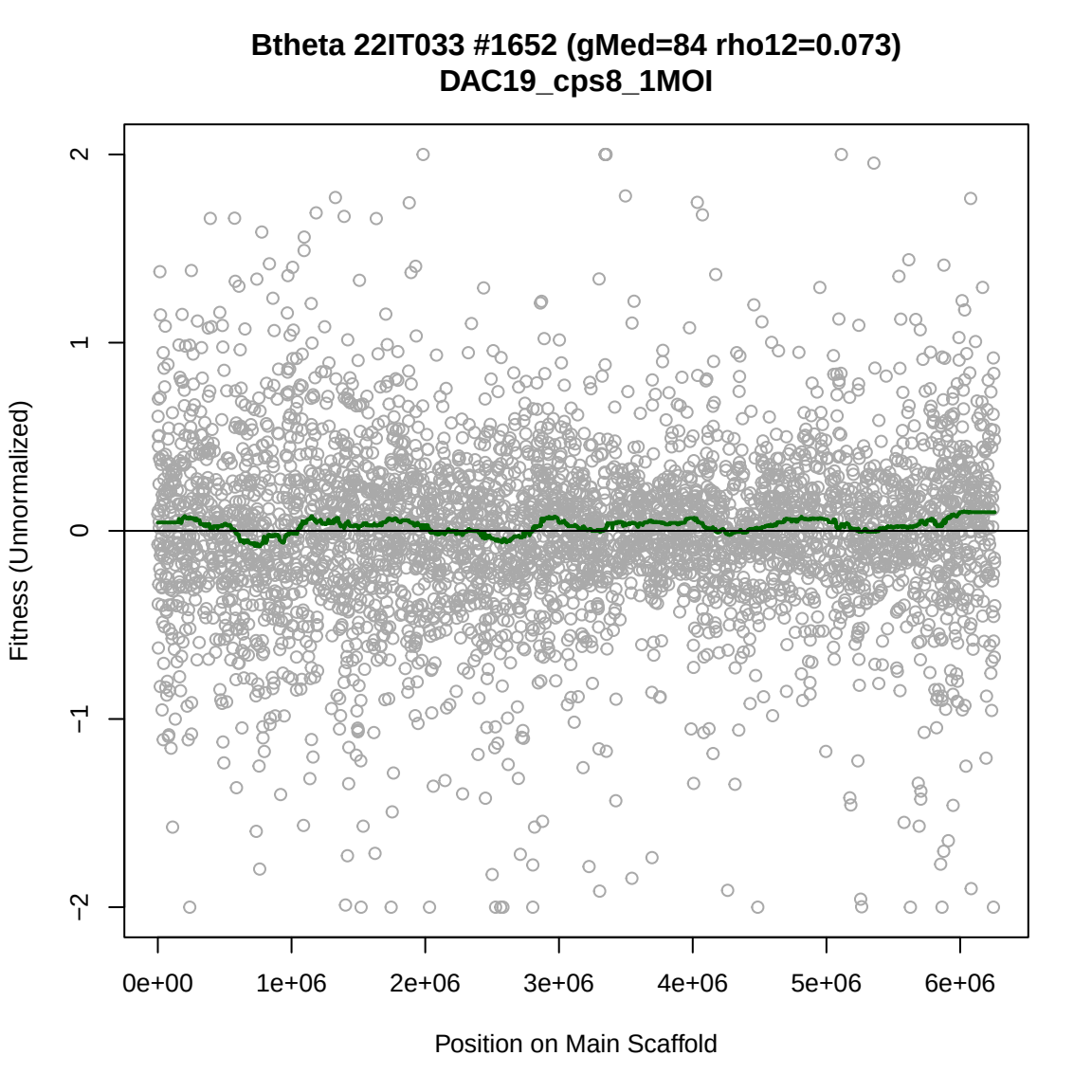

Btheta 22IT028 #1647 (gMed=86 rho12=0.073)
ARB14_cps1_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

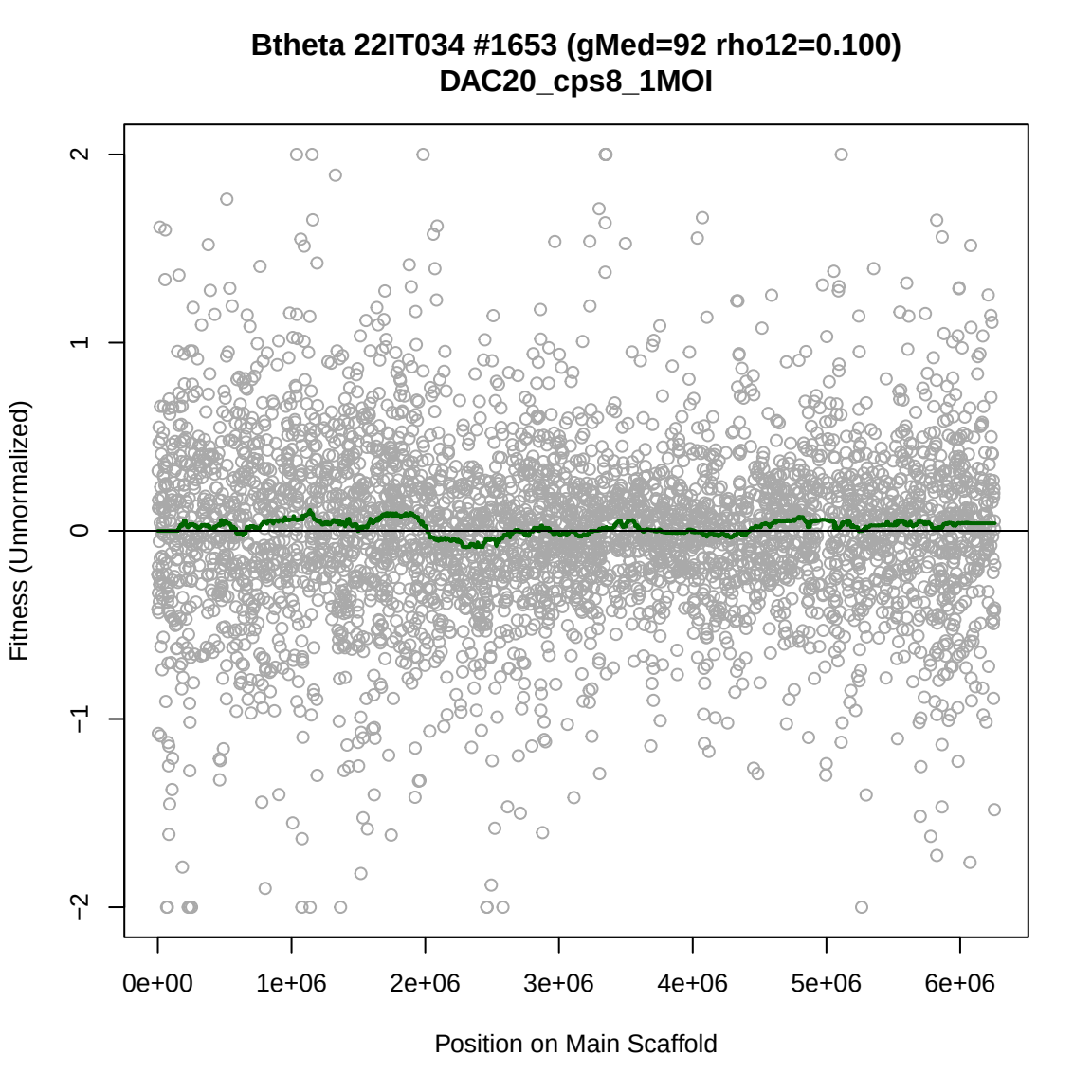

Btheta 22IT029 #1648 (gMed=94 rho12=0.078)
ARB25_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

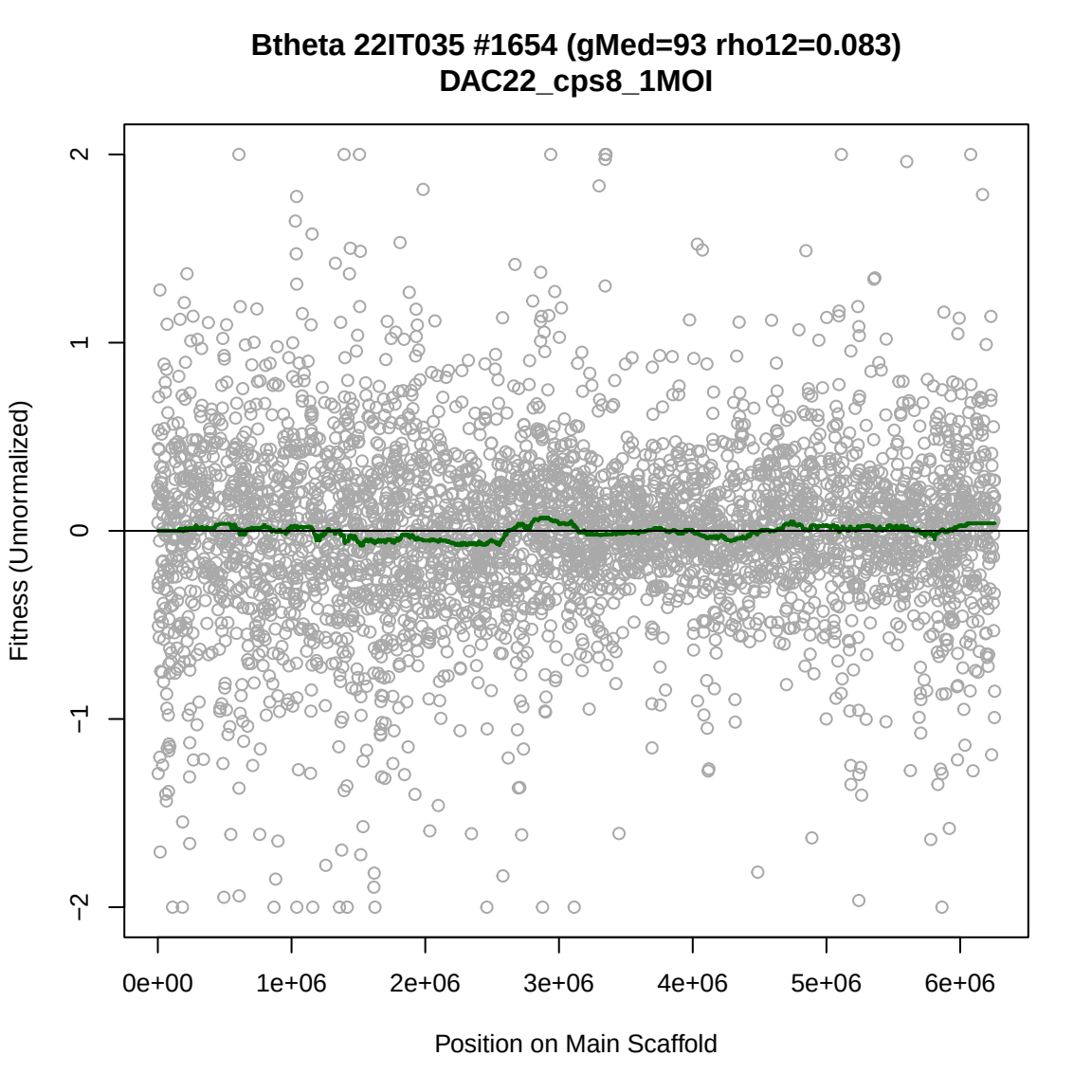

Btheta 22IT030 #1649 (gMed=105 rho12=0.078)
DAC15 _cps3_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

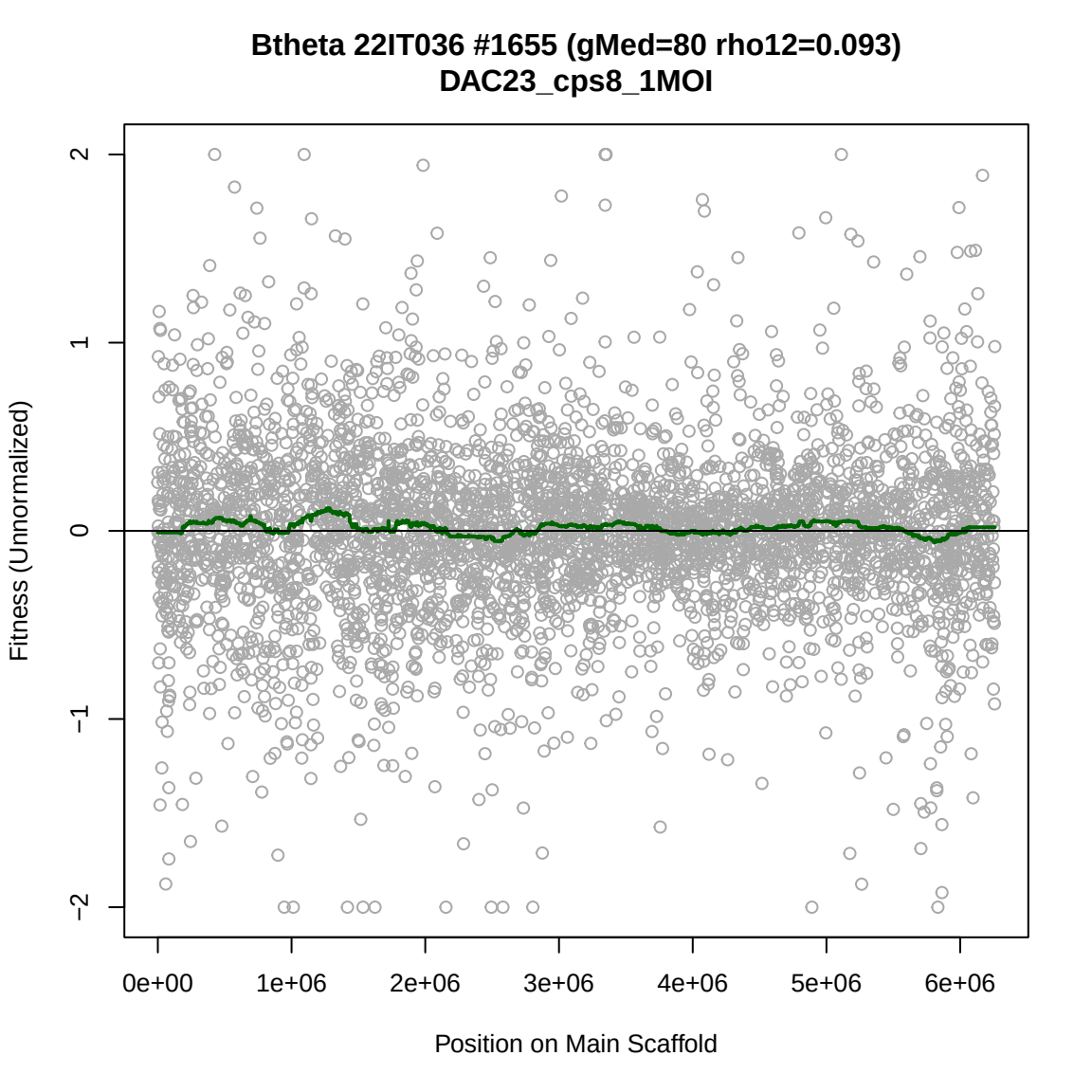

Btheta 22IT031 #1650 (gMed=113 rho12=0.108)
DAC16_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

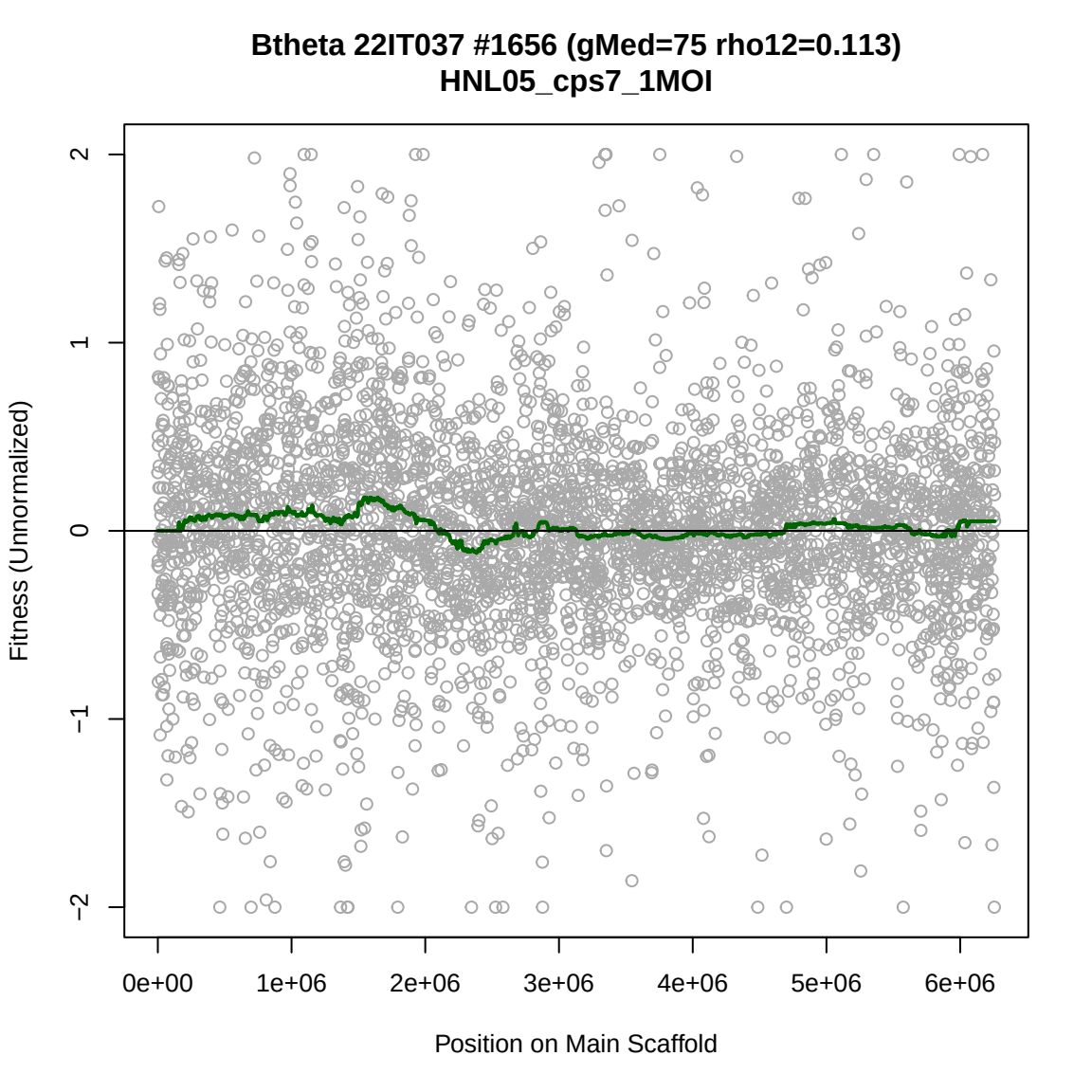

Btheta 22IT032 #1651 (gMed=86 rho12=0.061)
DAC17_cps3_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

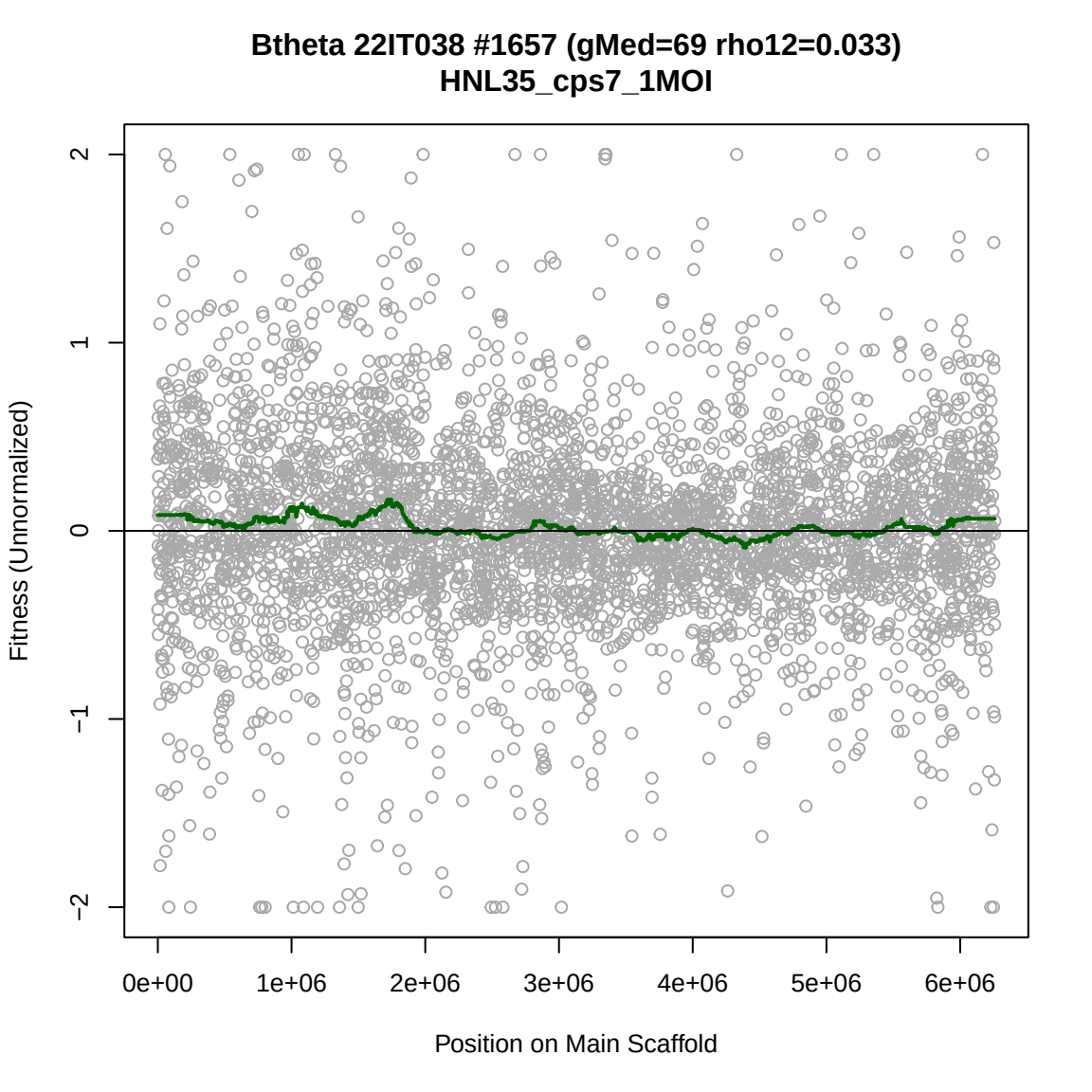

Btheta 22IT033 #1652 (gMed=84 rho12=0.073)
DAC19_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

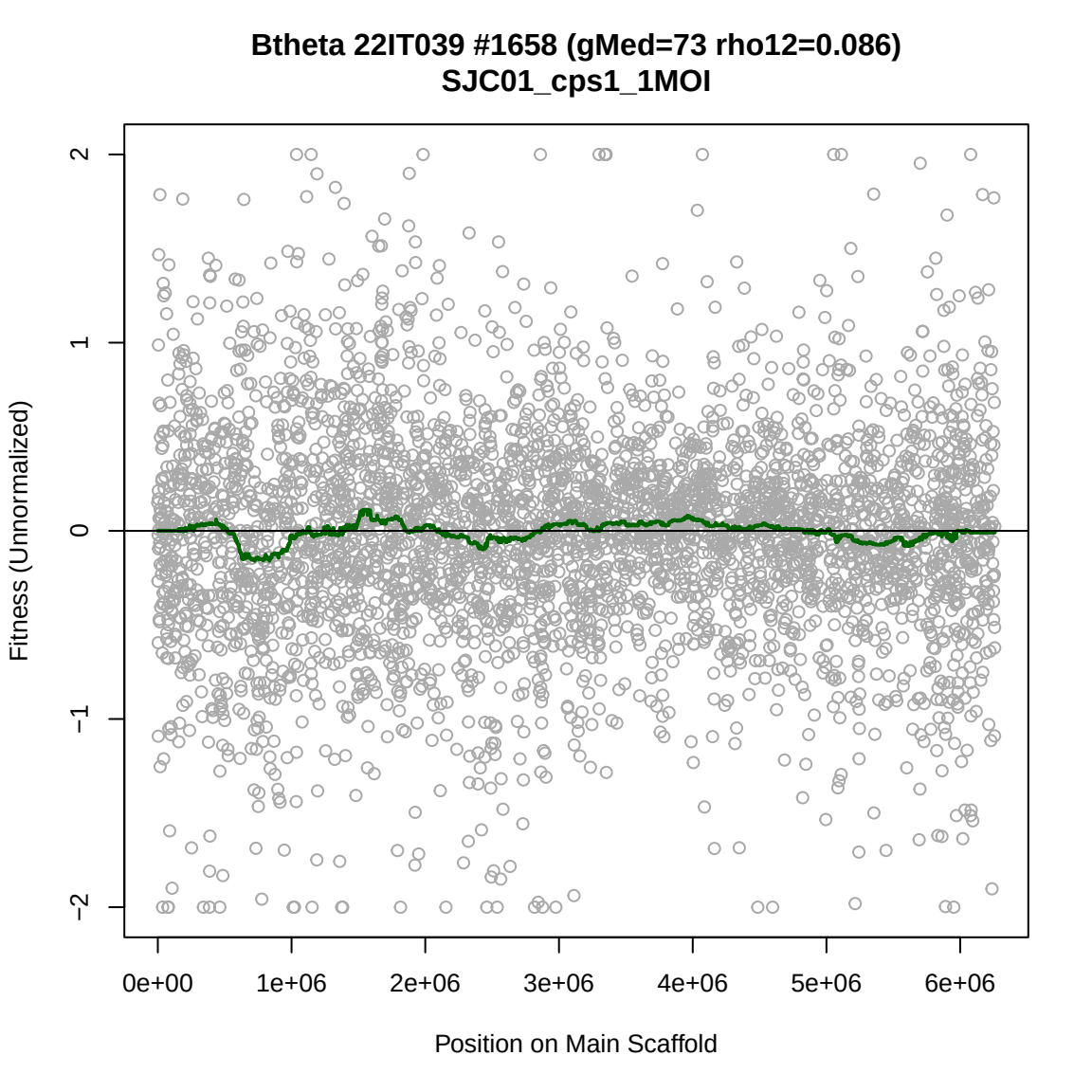

Btheta 22IT034 #1653 (gMed=92 rho12=0.100)
DAC20_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

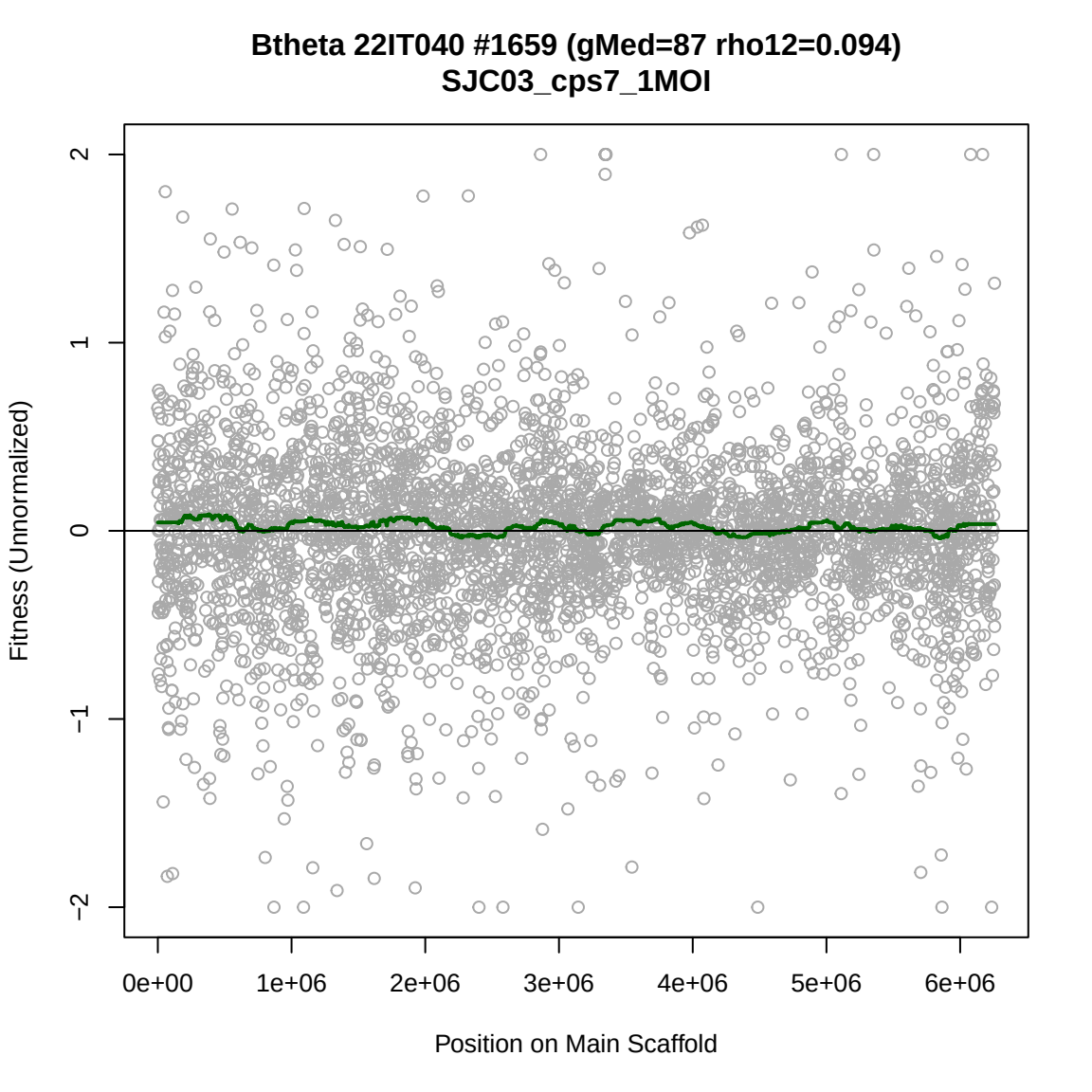

Btheta 22IT035 #1654 (gMed=93 rho12=0.083)
DAC22_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

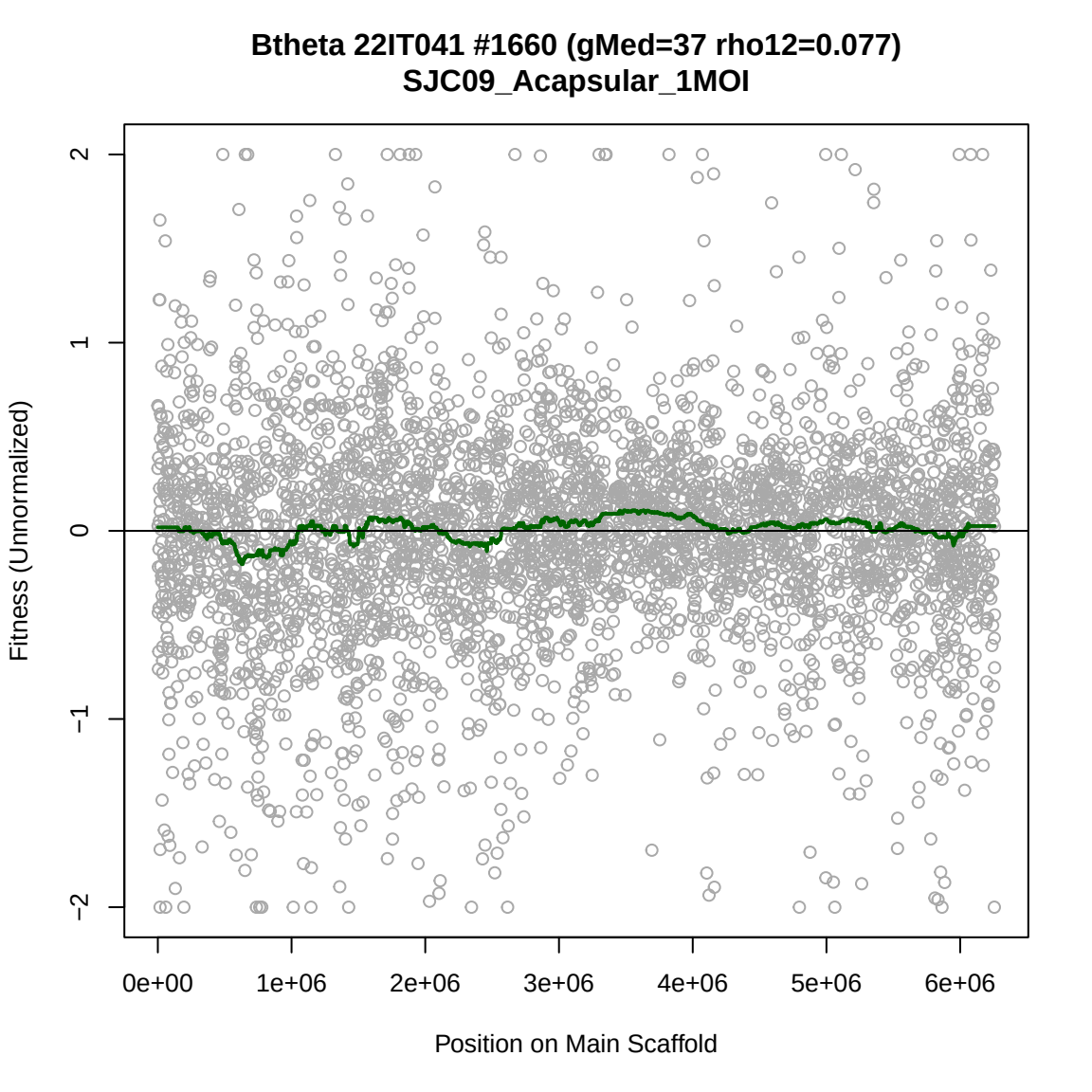

Btheta 22IT036 #1655 (gMed=80 rho12=0.093)
DAC23_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

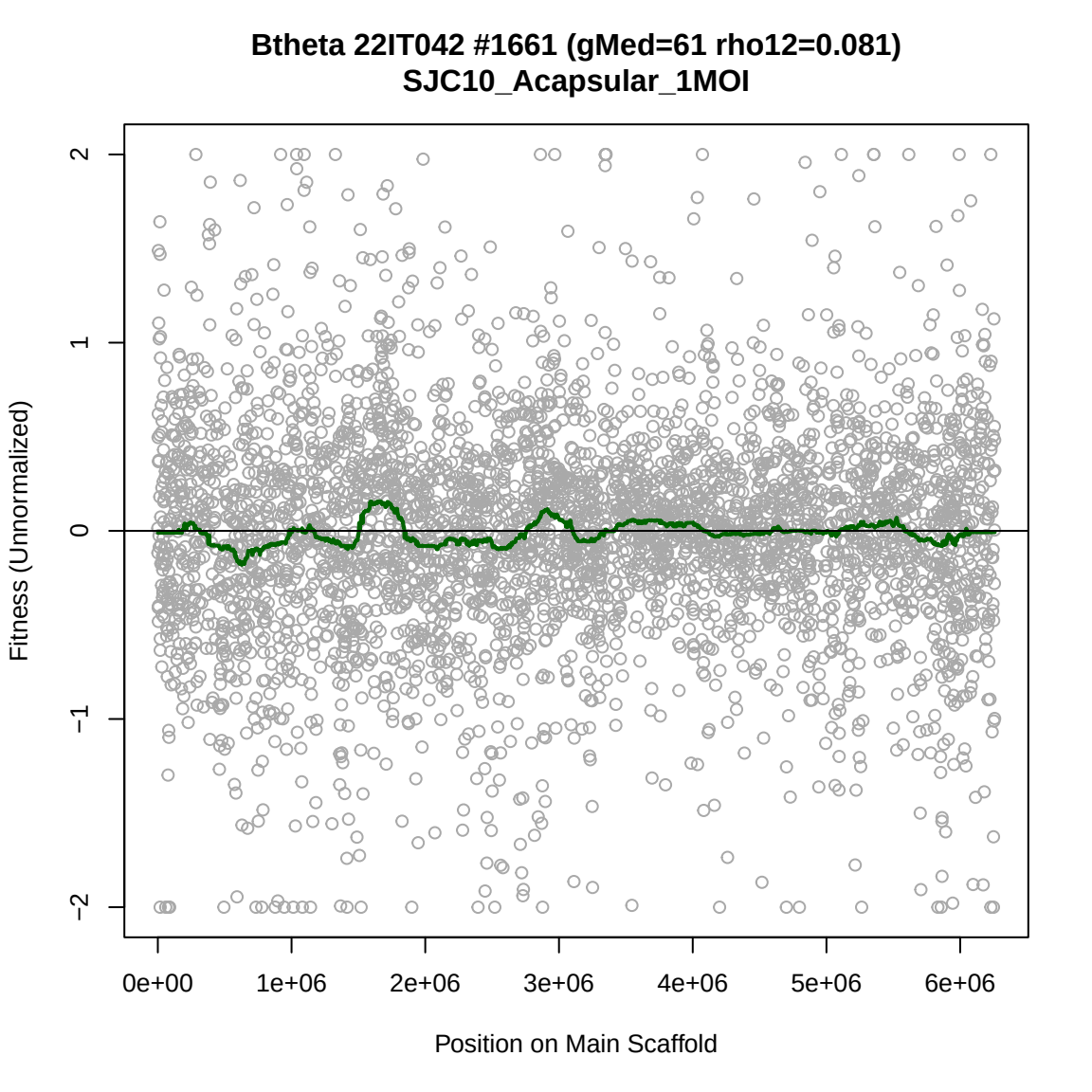

Btheta 22IT037 #1656 (gMed=75 rho12=0.113)
HNL05_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

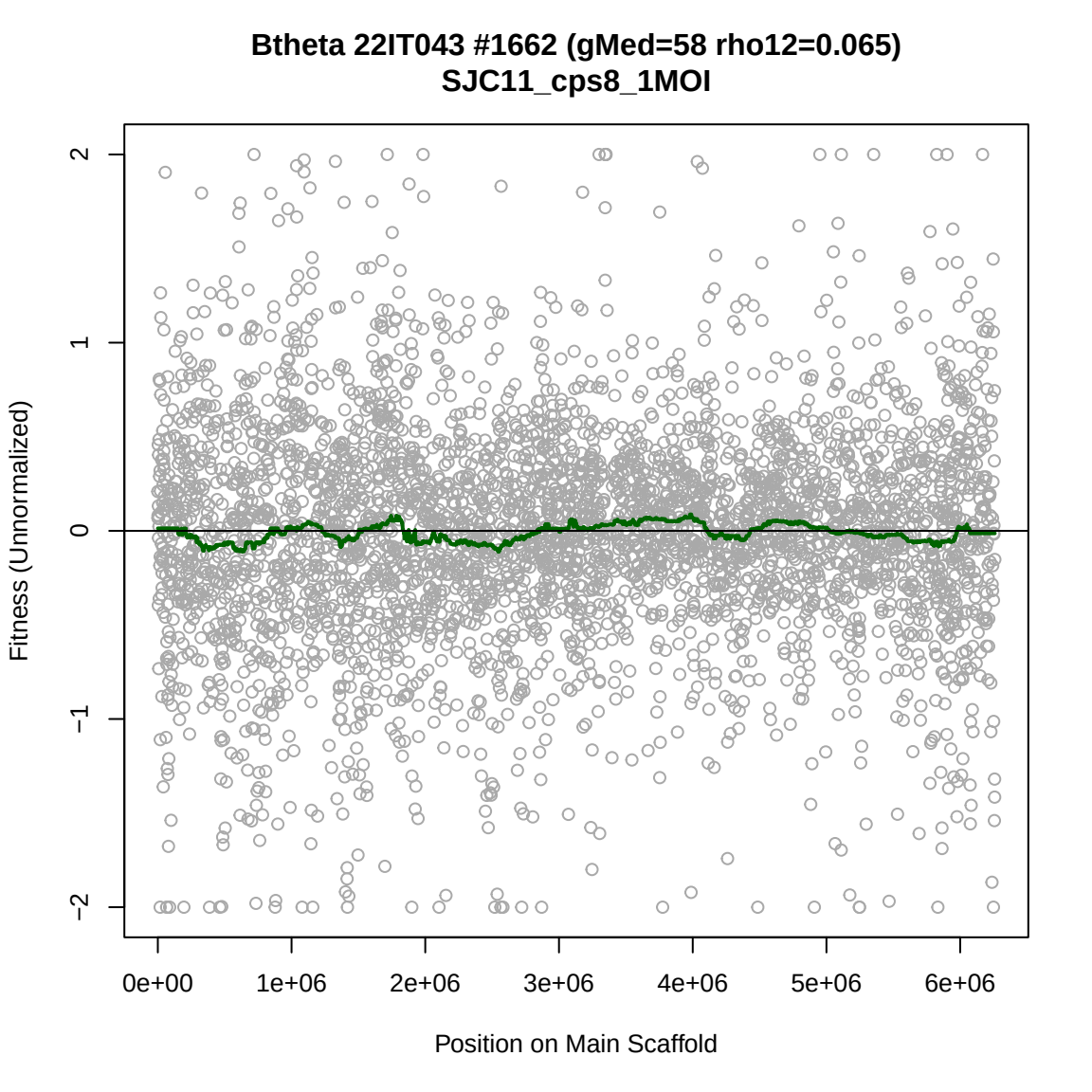

Btheta 22IT038 #1657 (gMed=69 rho12=0.033)
HNL35_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

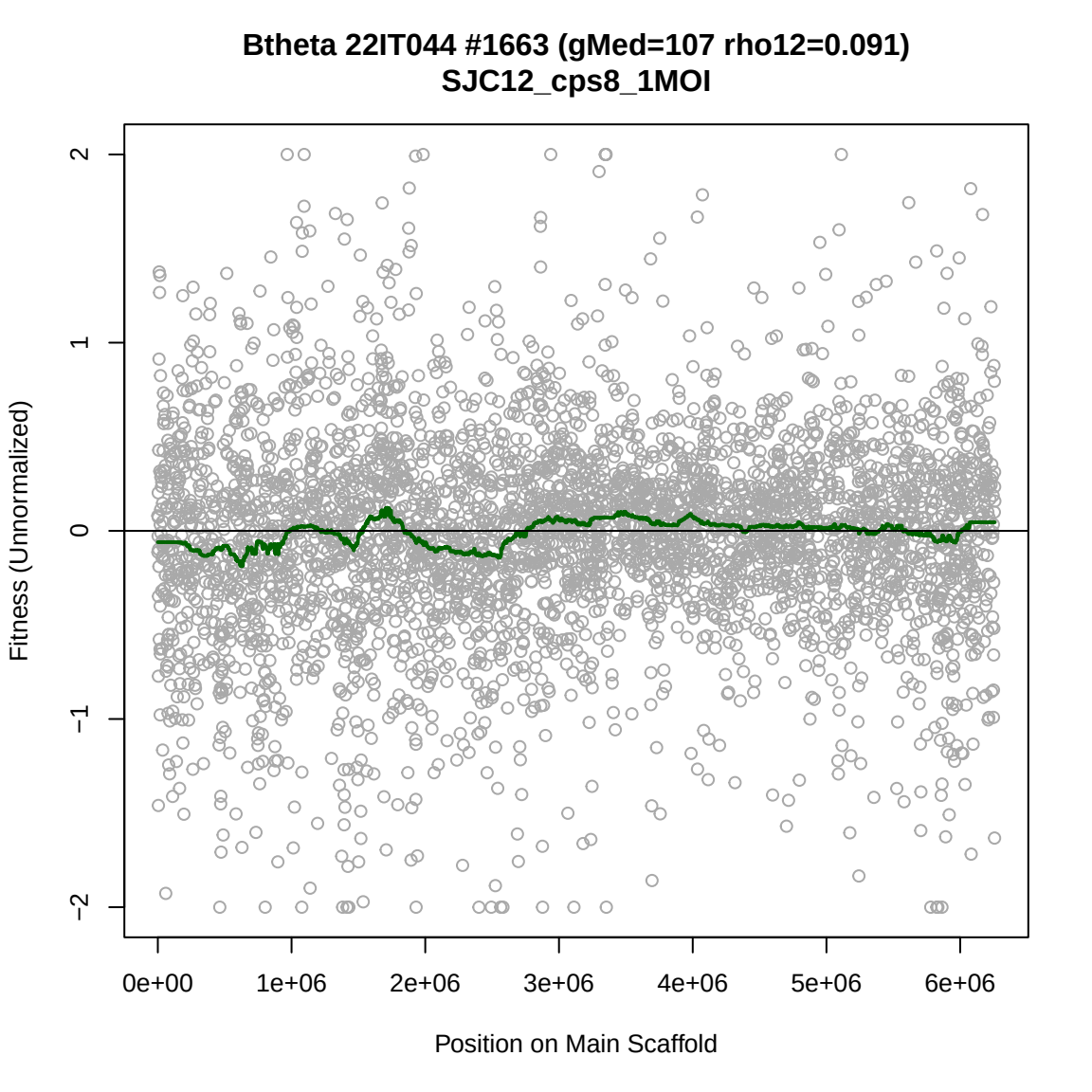

Btheta 22IT039 #1658 (gMed=73 rho12=0.086)
SJC01_cps1_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

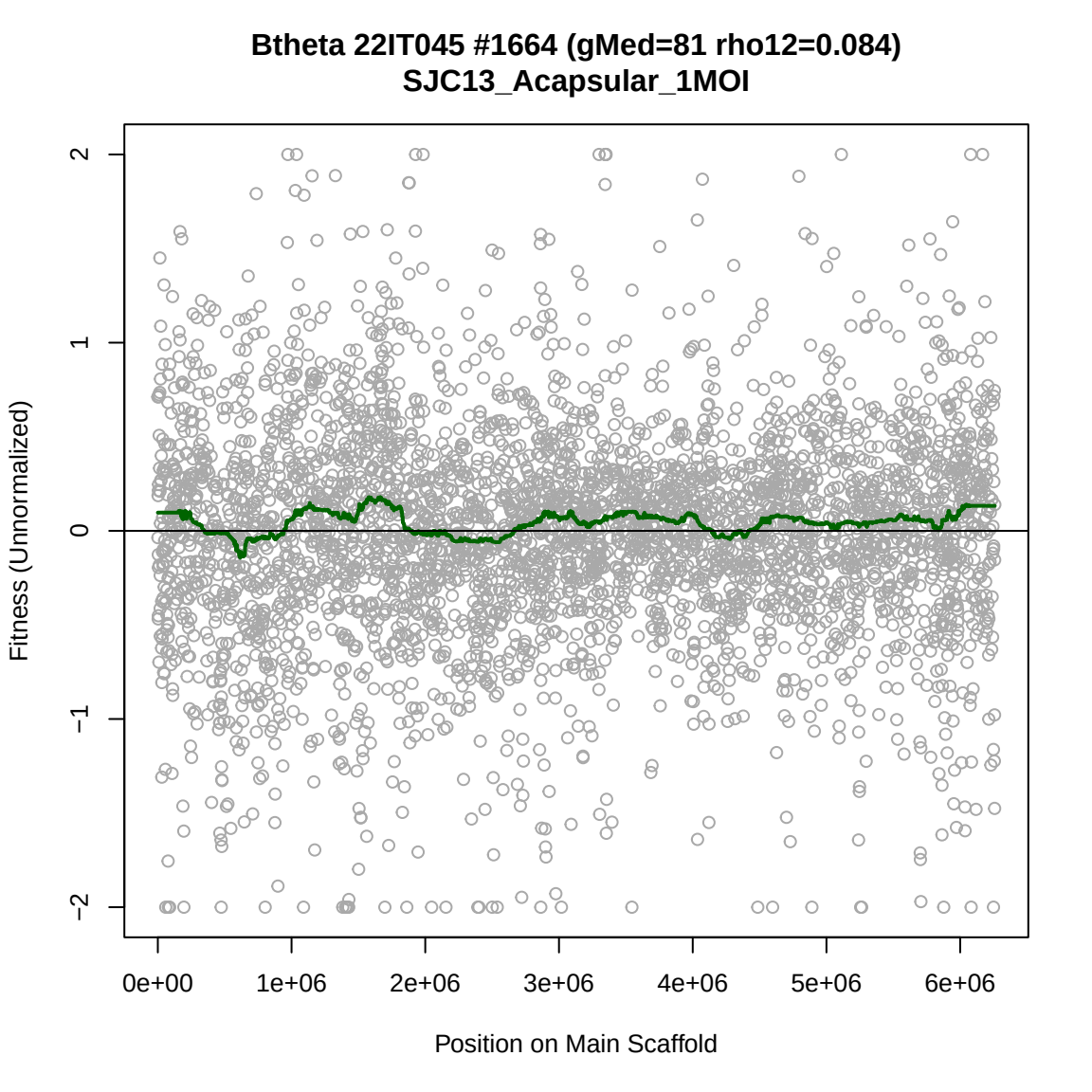

Btheta 22IT040 #1659 (gMed=87 rho12=0.094)
SJC03_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

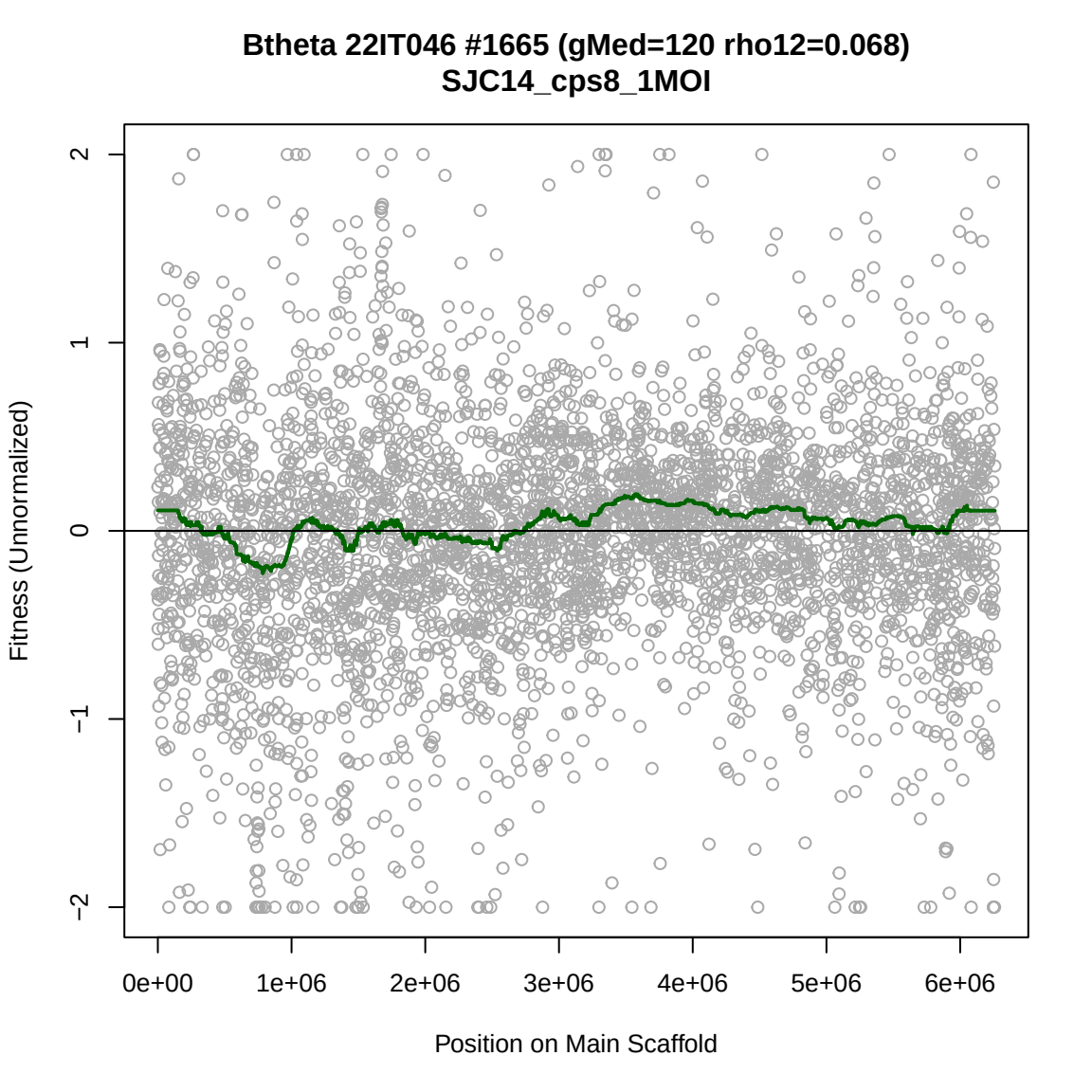

Btheta 22IT041 #1660 (gMed=37 rho12=0.077)
SJC09_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

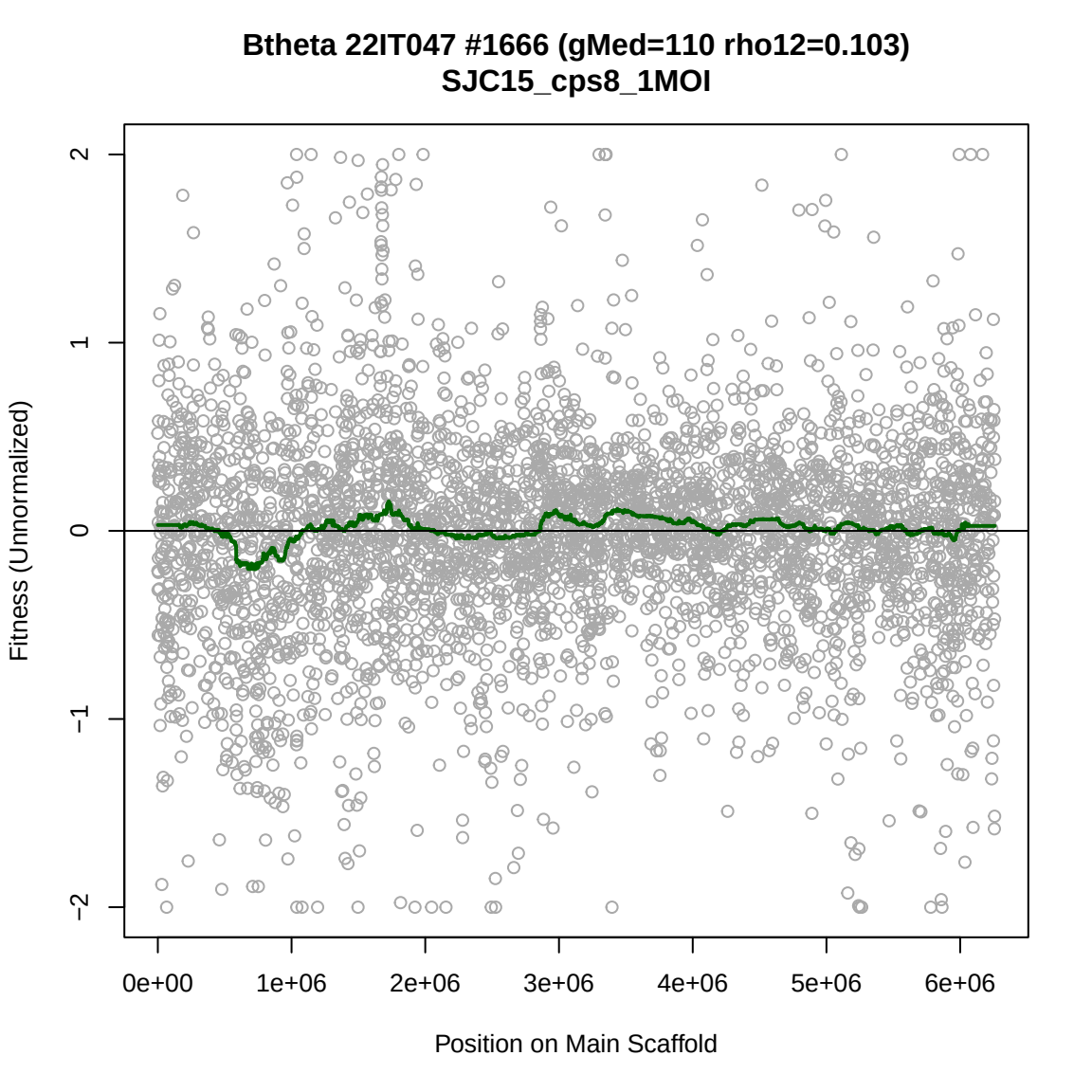

Btheta 22IT042 #1661 (gMed=61 rho12=0.081)
SJC10_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

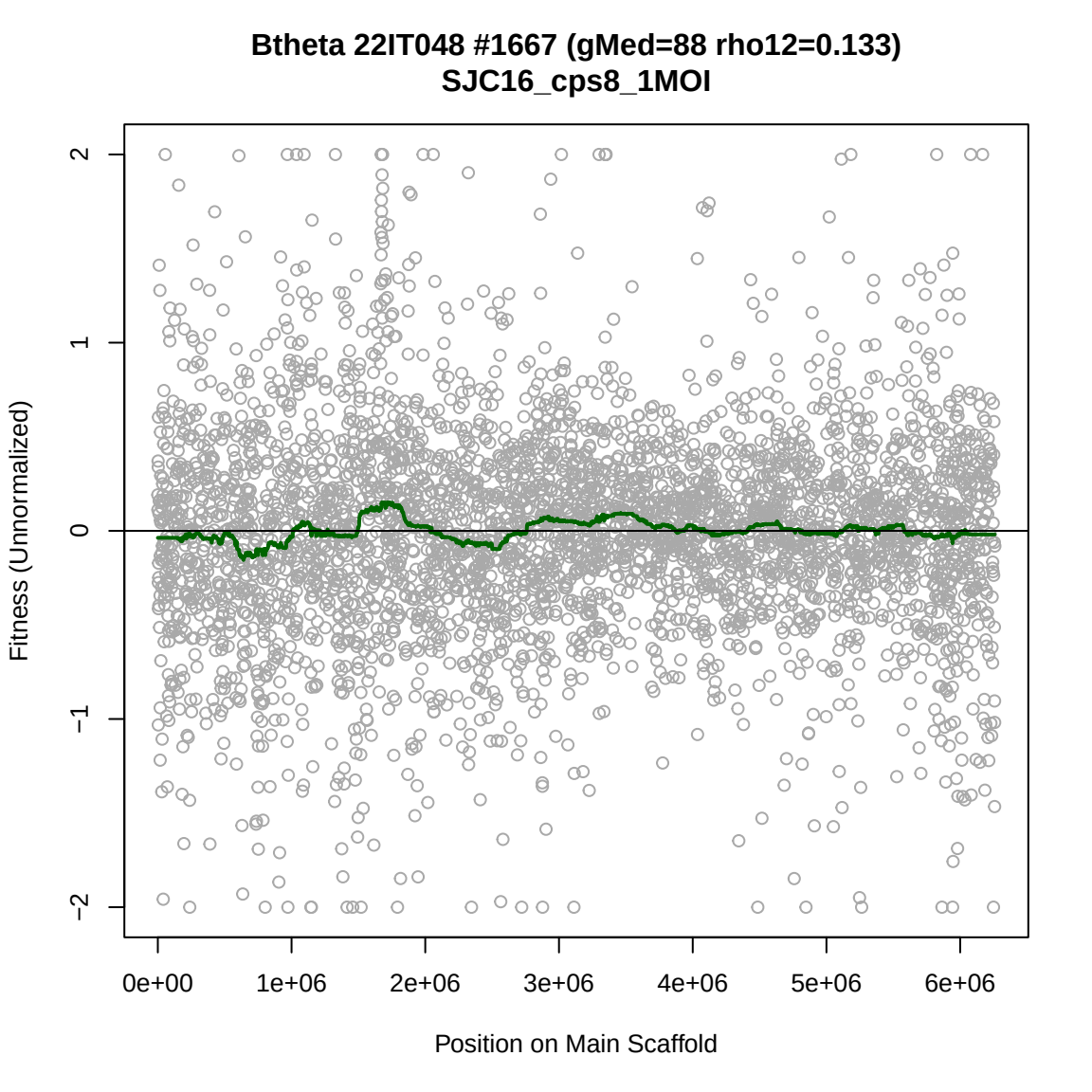

Btheta 22IT043 #1662 (gMed=58 rho12=0.065)
SJC11_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

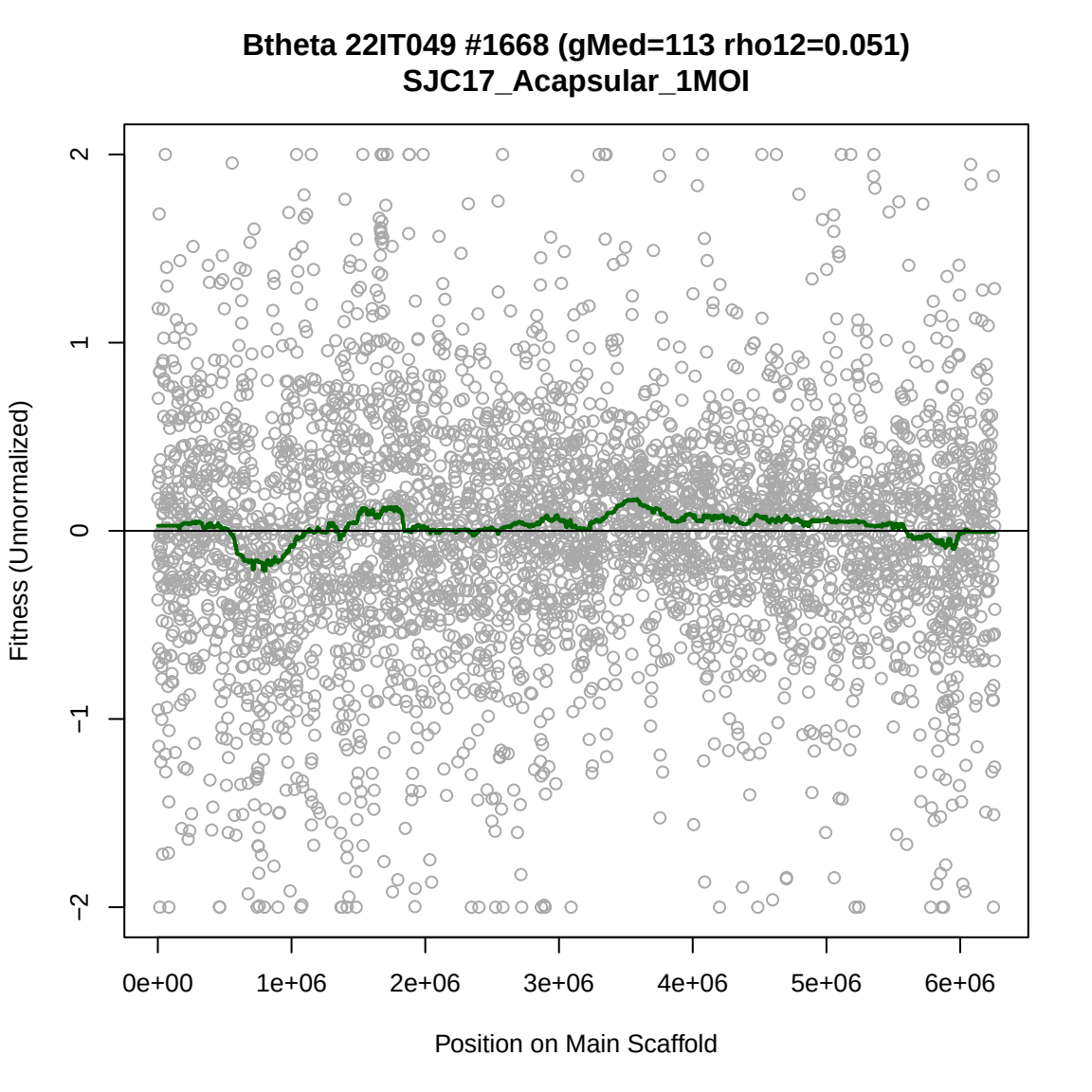

Btheta 22IT044 #1663 (gMed=107 rho12=0.091)
SJC12_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

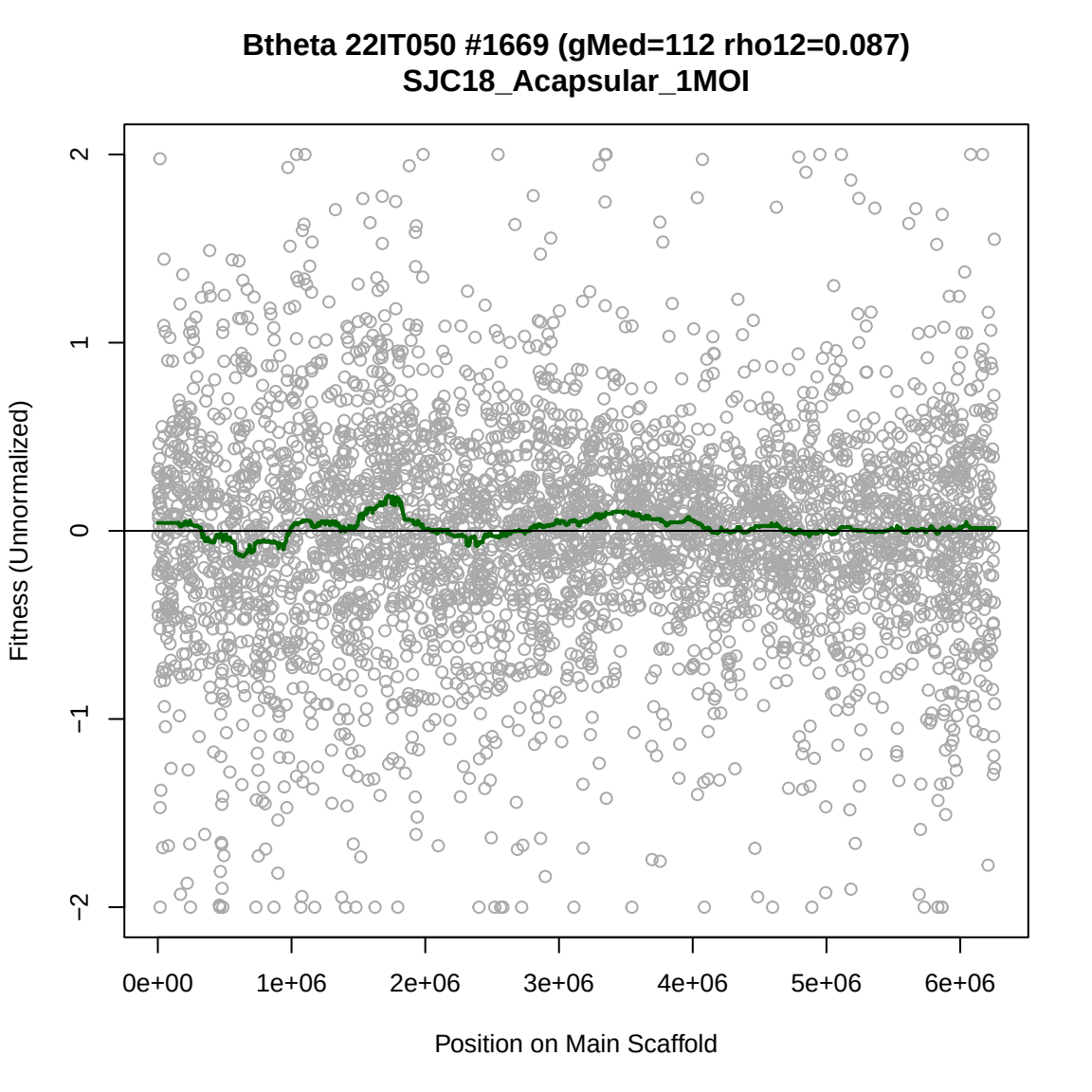

Btheta 22IT045 #1664 (gMed=81 rho12=0.084)
SJC13_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

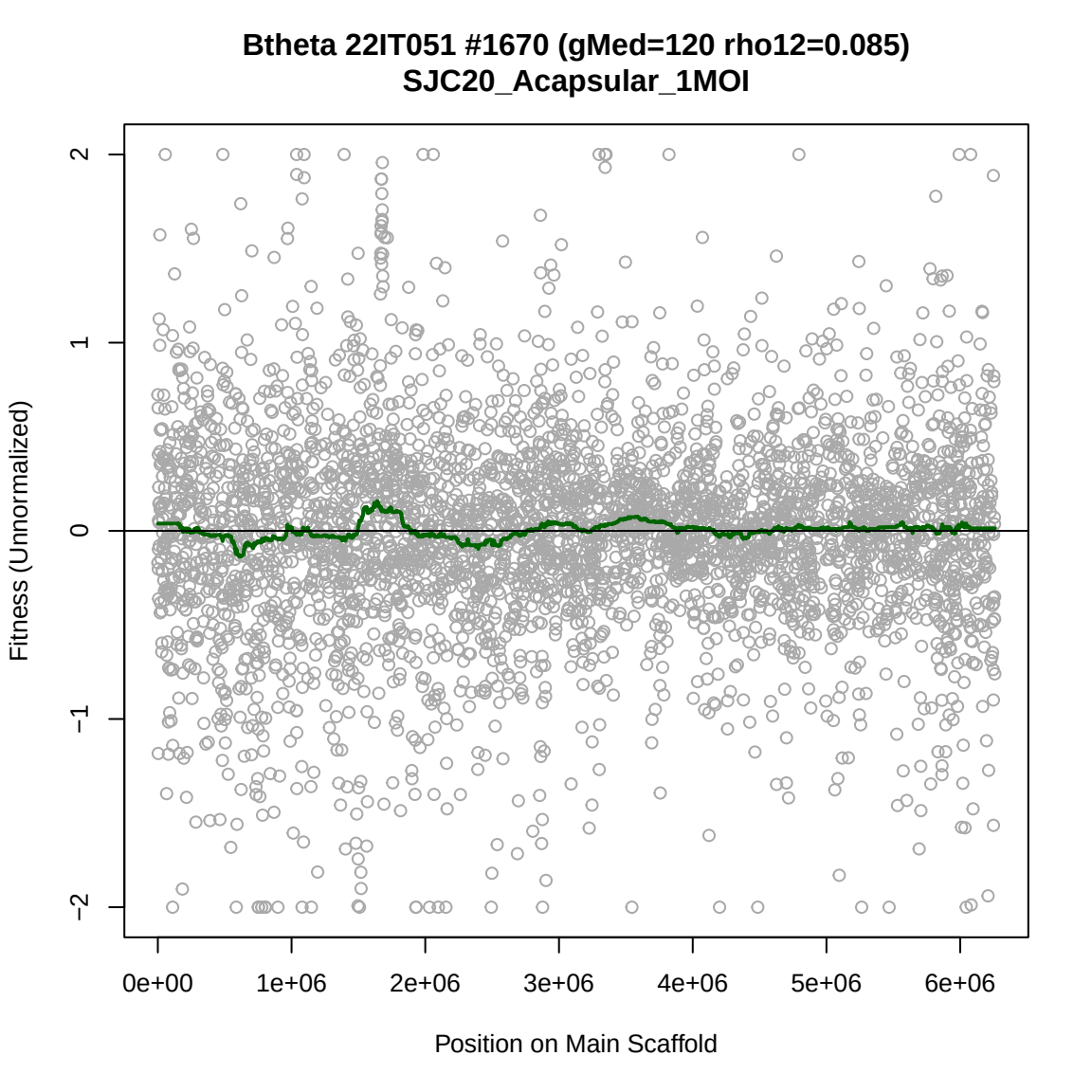

Btheta 22IT046 #1665 (gMed=120 rho12=0.068)
SJC14_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

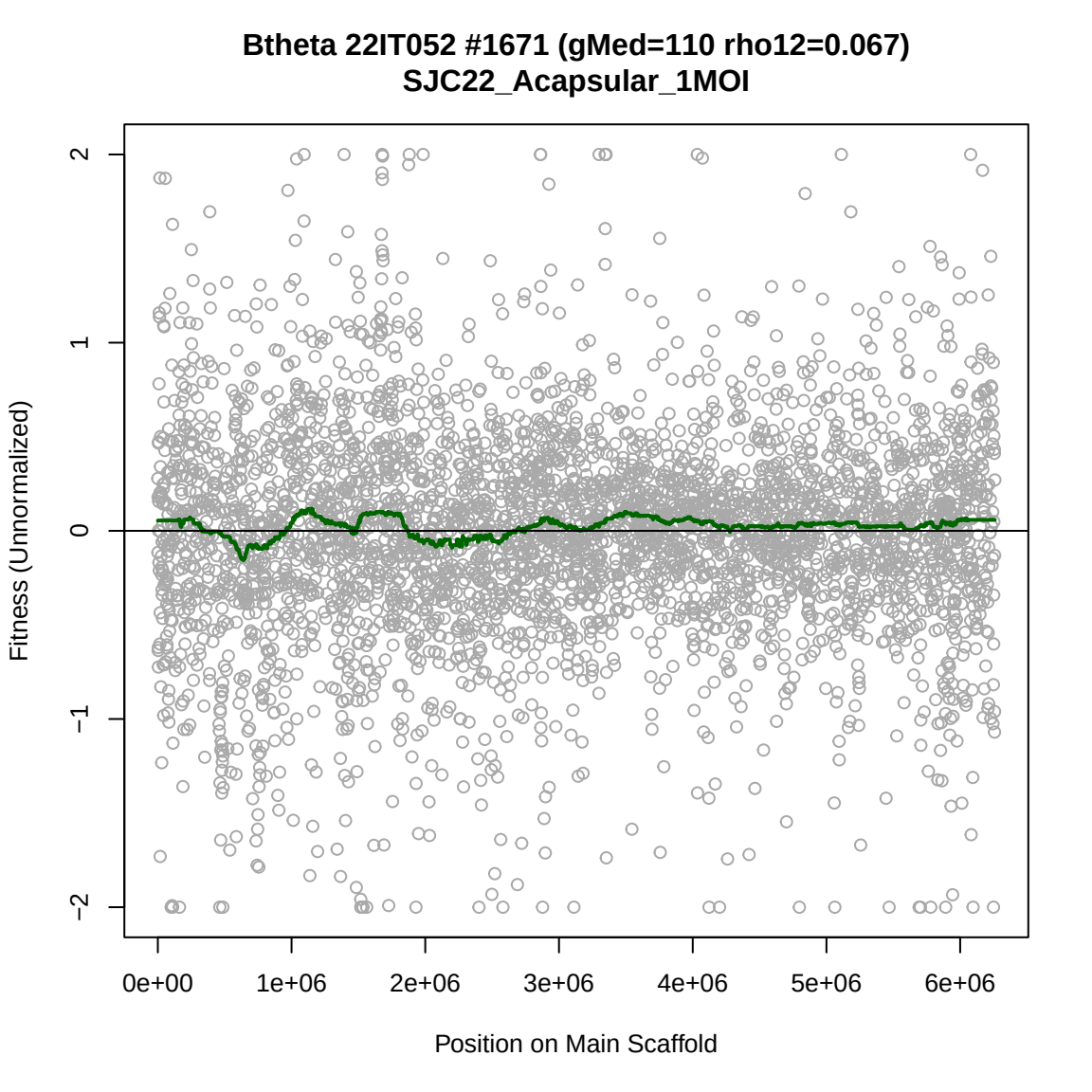

Btheta 22IT047 #1666 (gMed=110 rho12=0.103)
SJC15_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

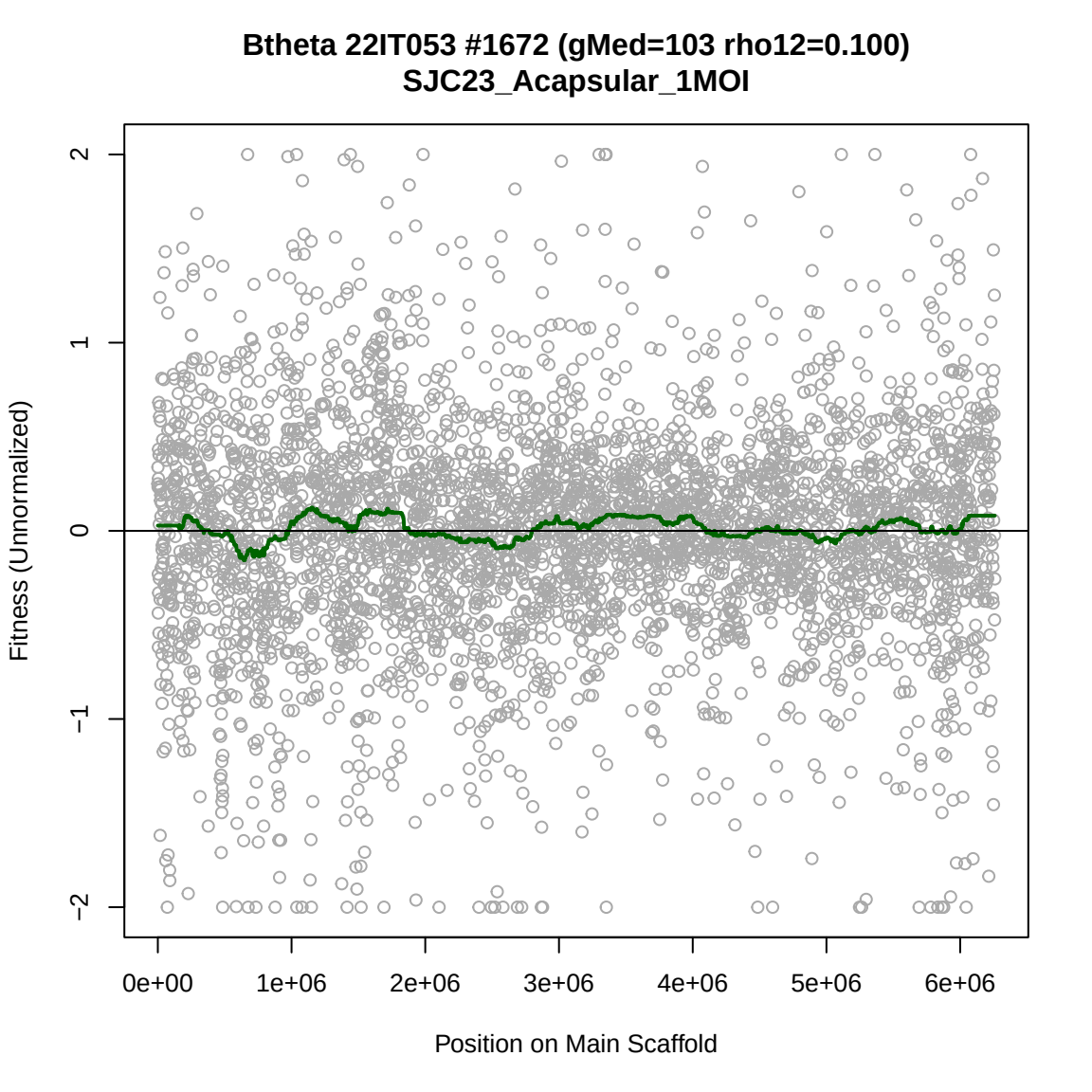

Btheta 22IT048 #1667 (gMed=88 rho12=0.133)
SJC16_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

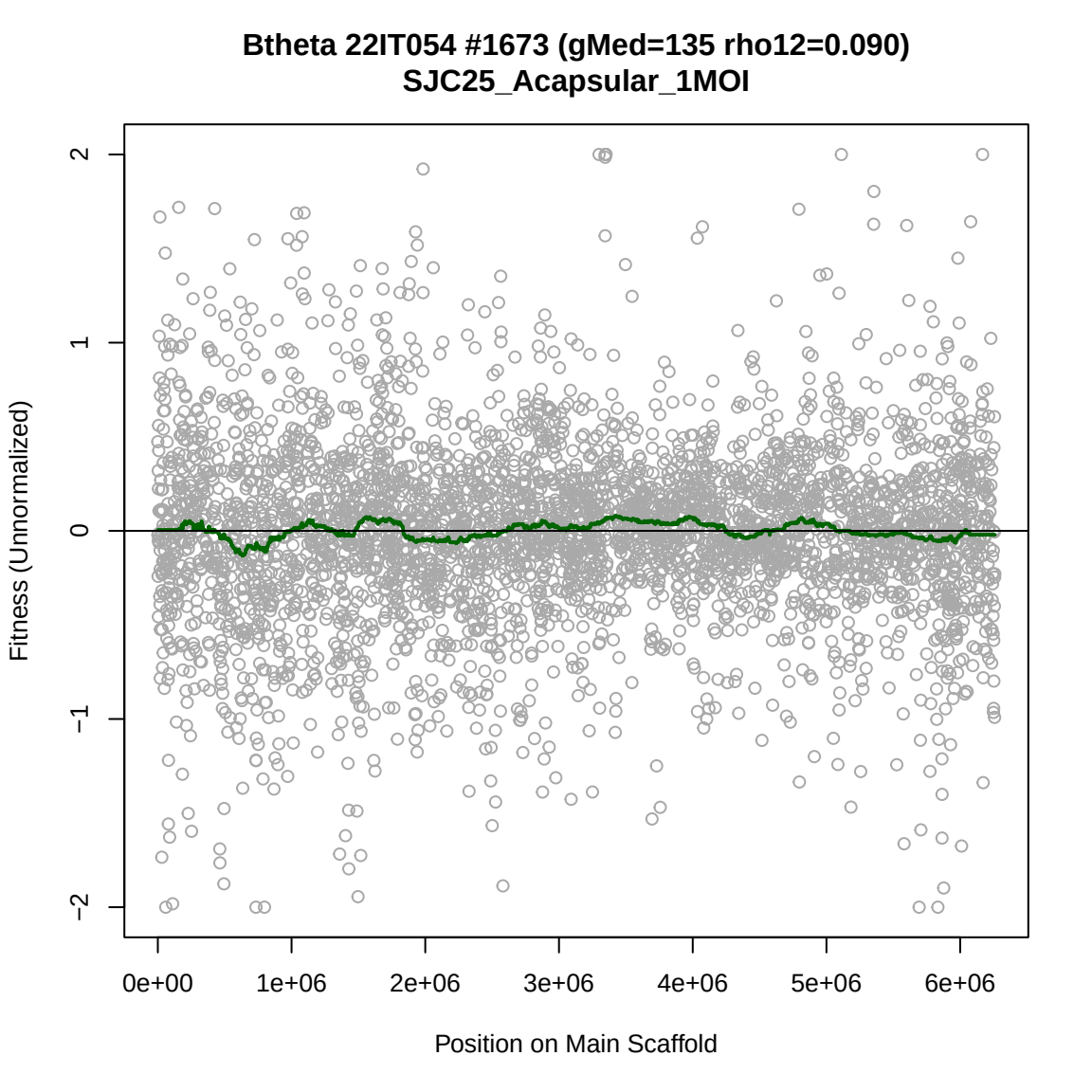

Btheta 22IT049 #1668 (gMed=113 rho12=0.051)
SJC17_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

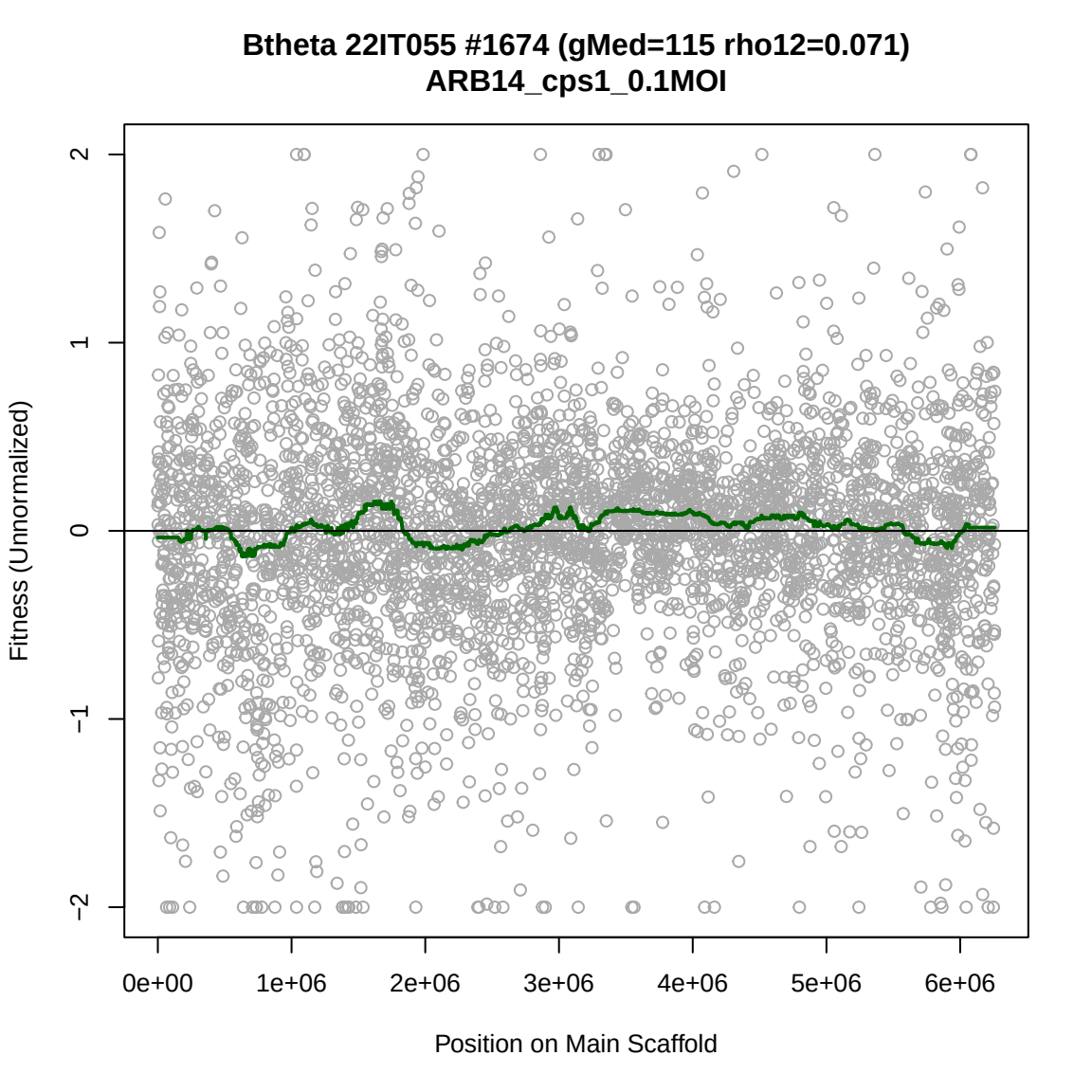

Btheta 22IT050 #1669 (gMed=112 rho12=0.087)
SJC18_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

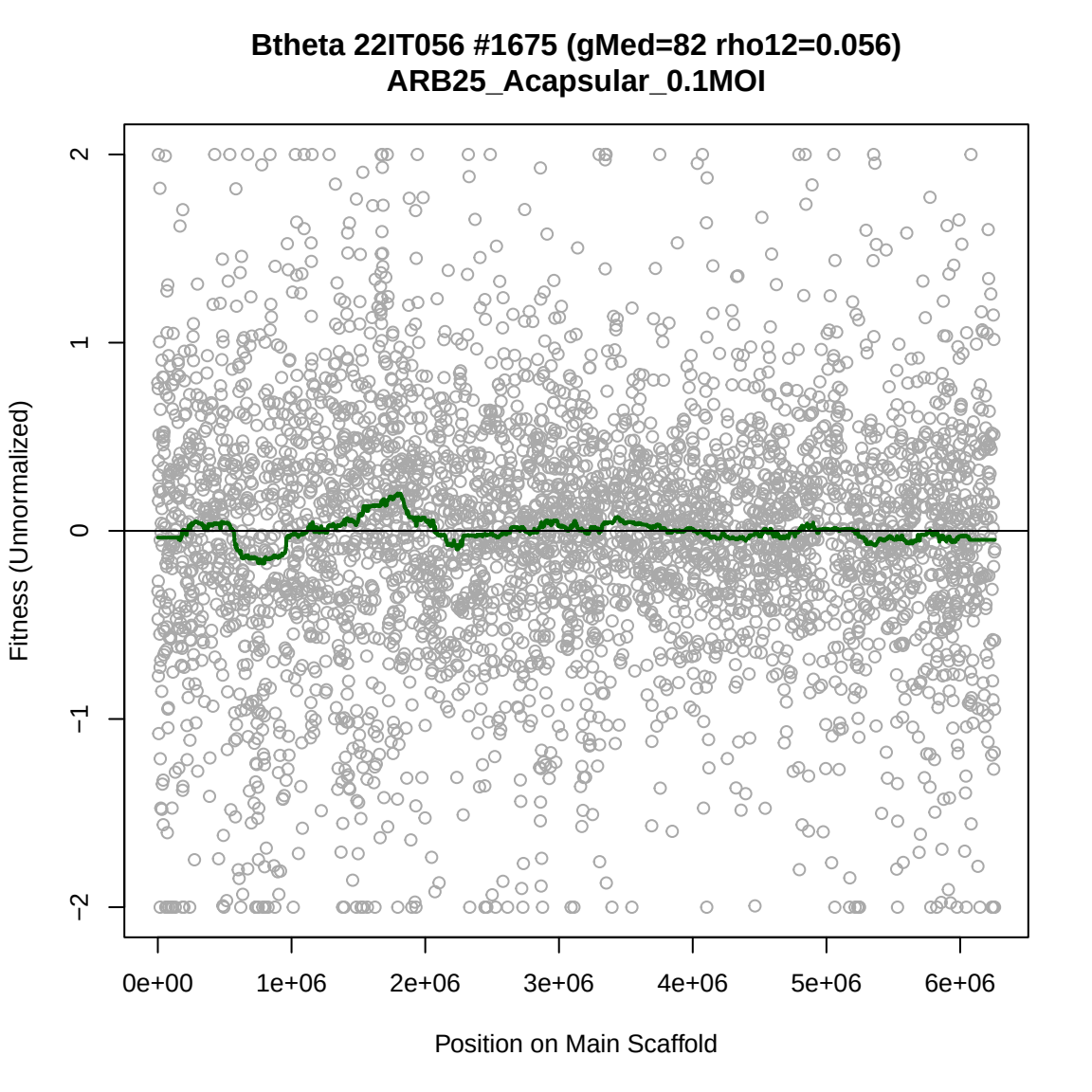

Btheta 22IT051 #1670 (gMed=120 rho12=0.085)
SJC20_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

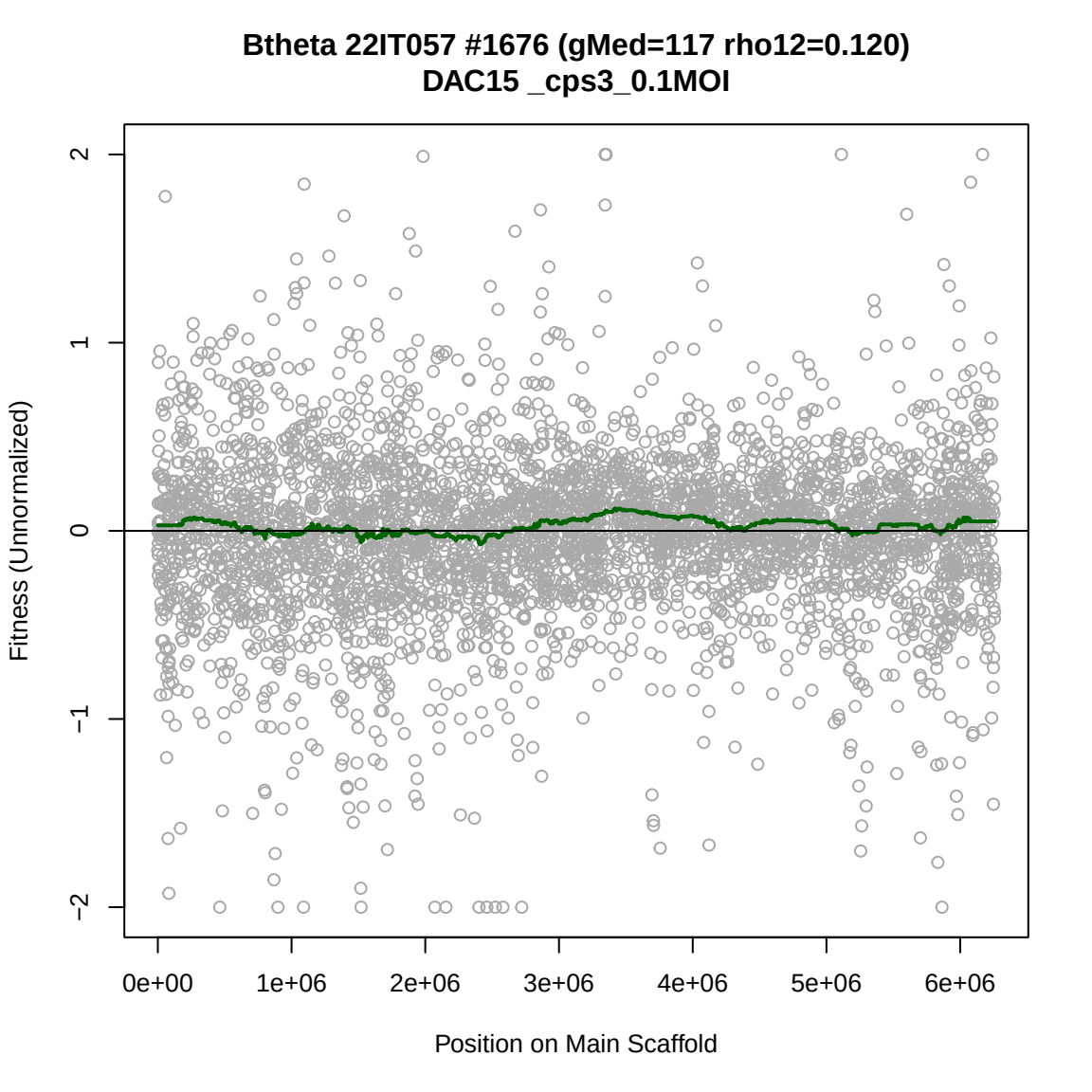

Btheta 22IT052 #1671 (gMed=110 rho12=0.067)
SJC22_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

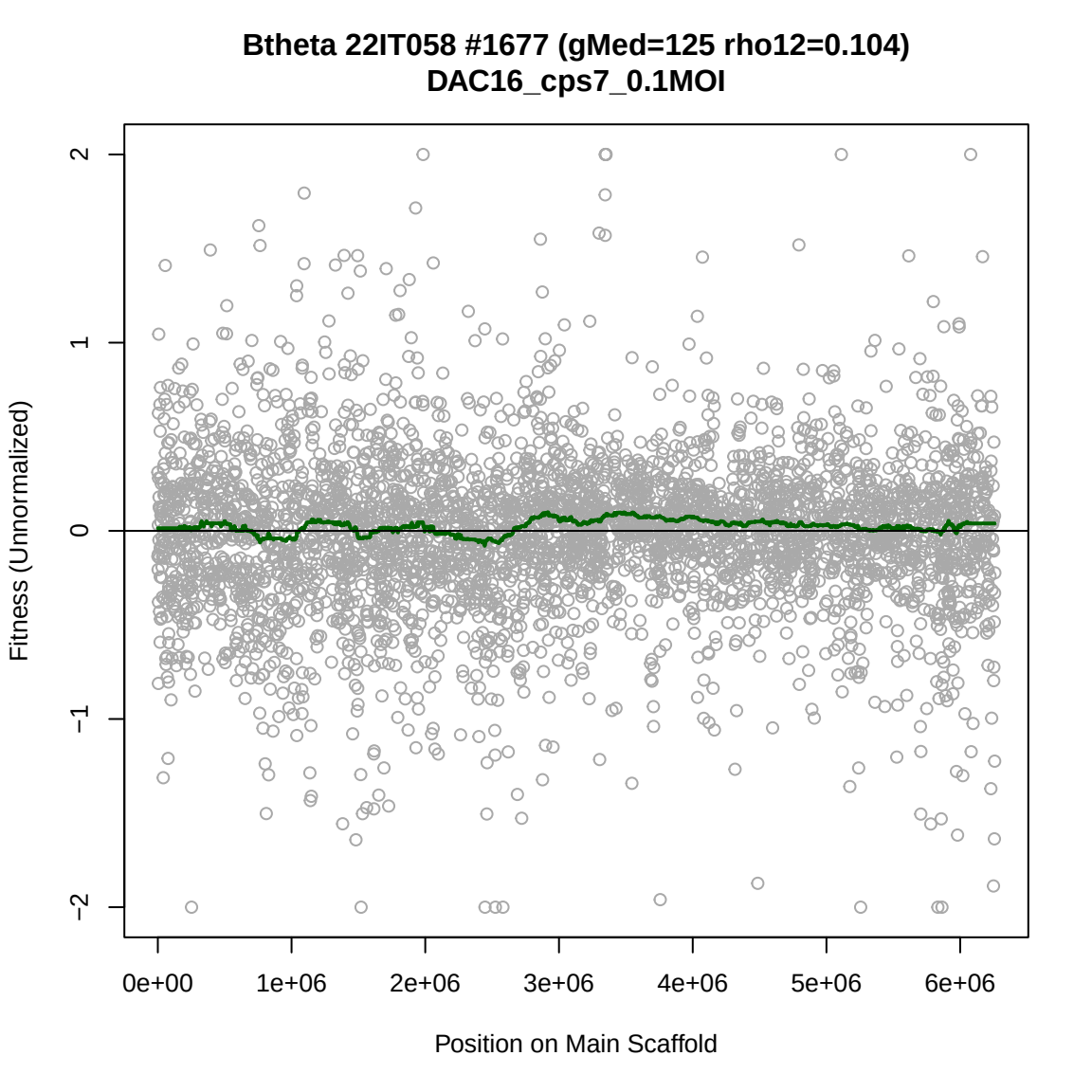

Btheta 22IT053 #1672 (gMed=103 rho12=0.100)
SJC23_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

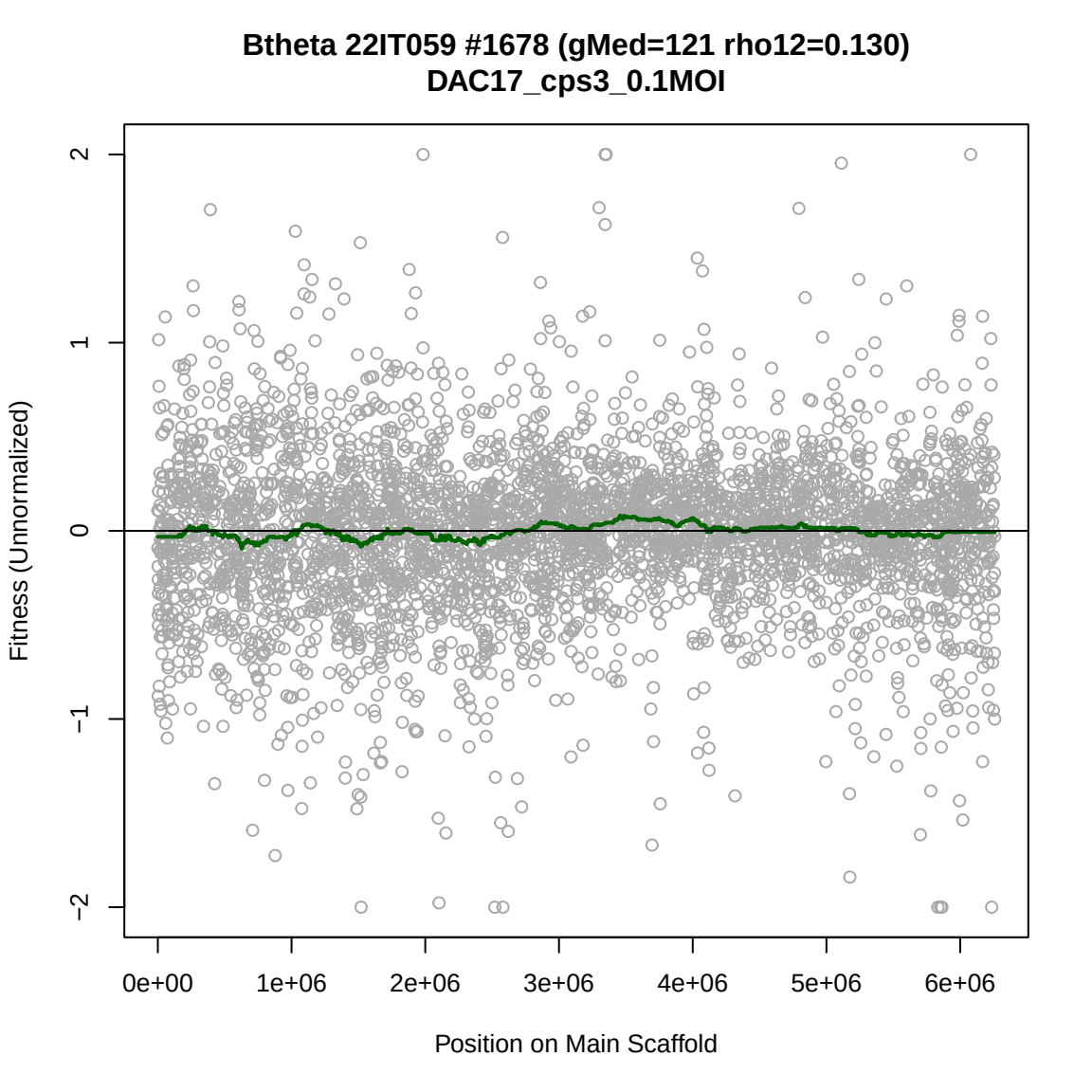

Btheta 22IT054 #1673 (gMed=135 rho12=0.090)
SJC25_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

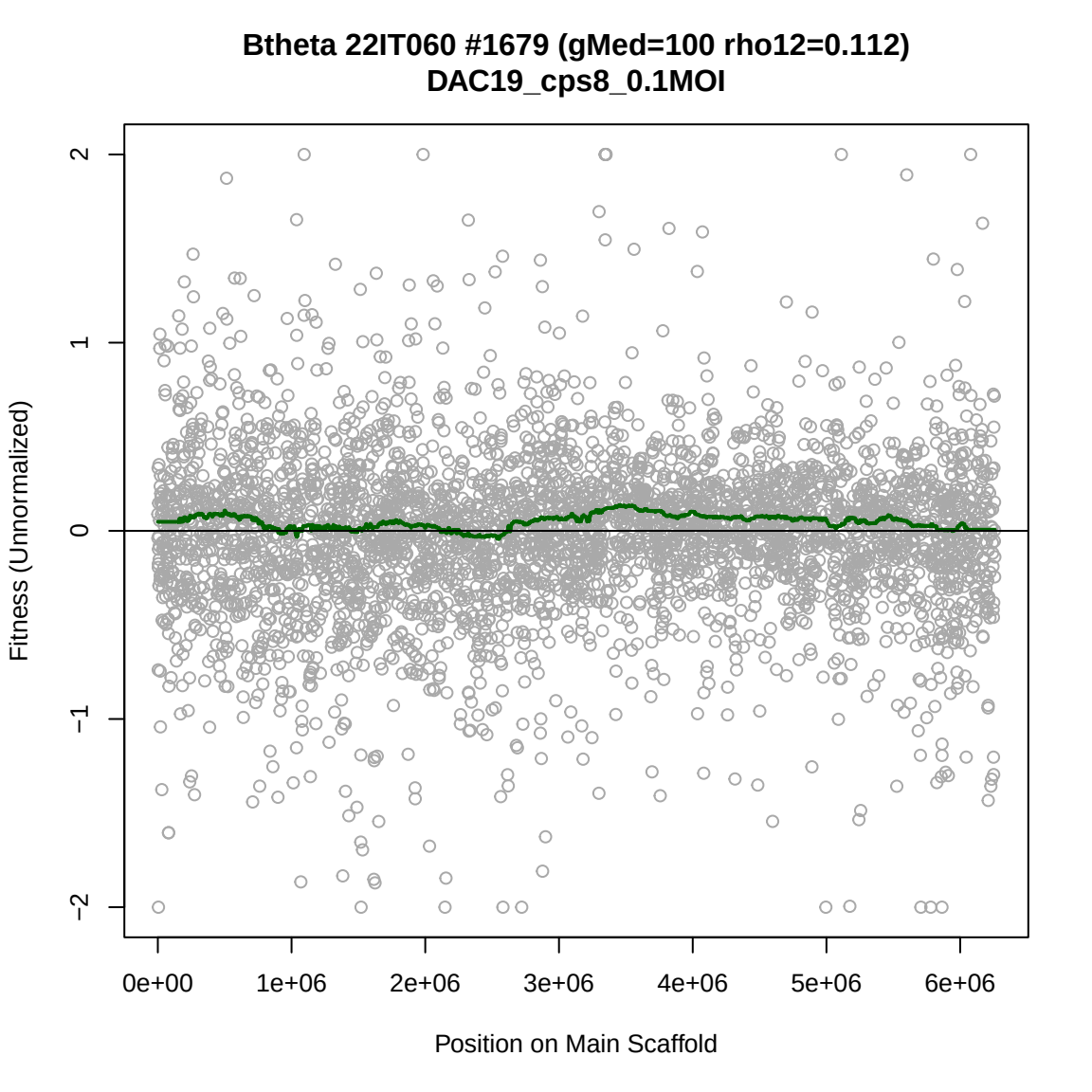

Btheta 22IT055 #1674 (gMed=115 rho12=0.071)
ARB14_cps1_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

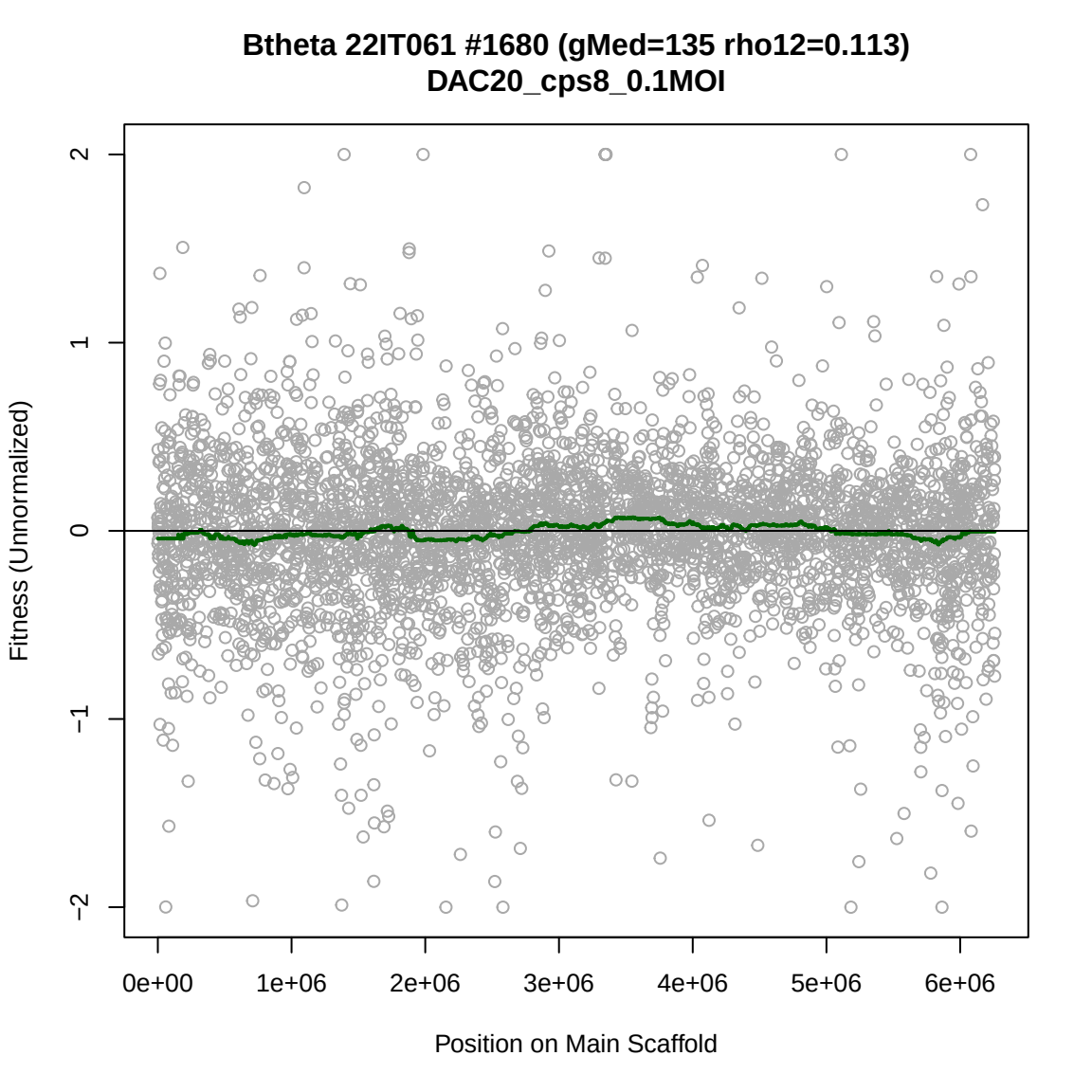

Btheta 22IT056 #1675 (gMed=82 rho12=0.056)
ARB25_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

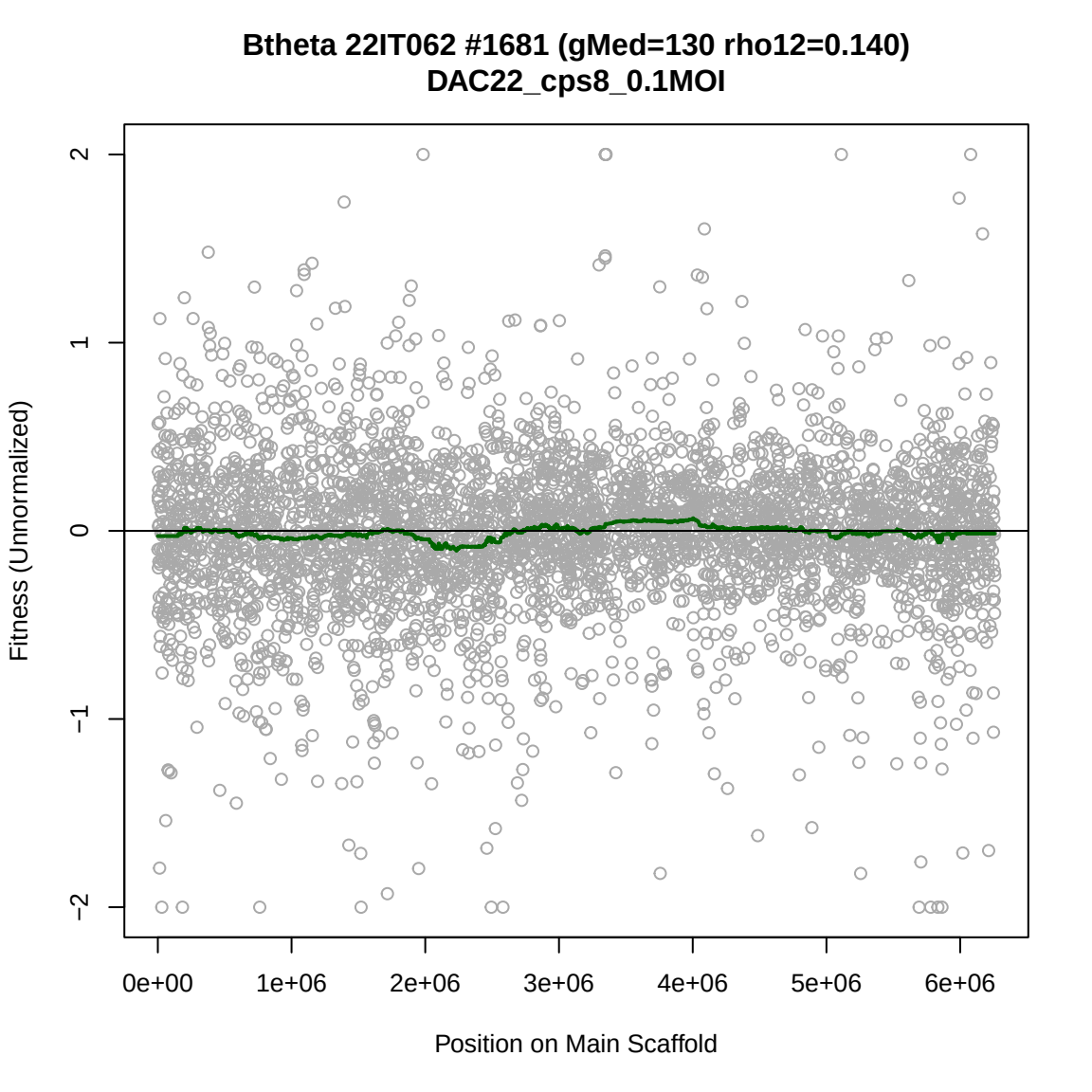

Btheta 22IT057 #1676 (gMed=117 rho12=0.120)
DAC15 _cps3_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

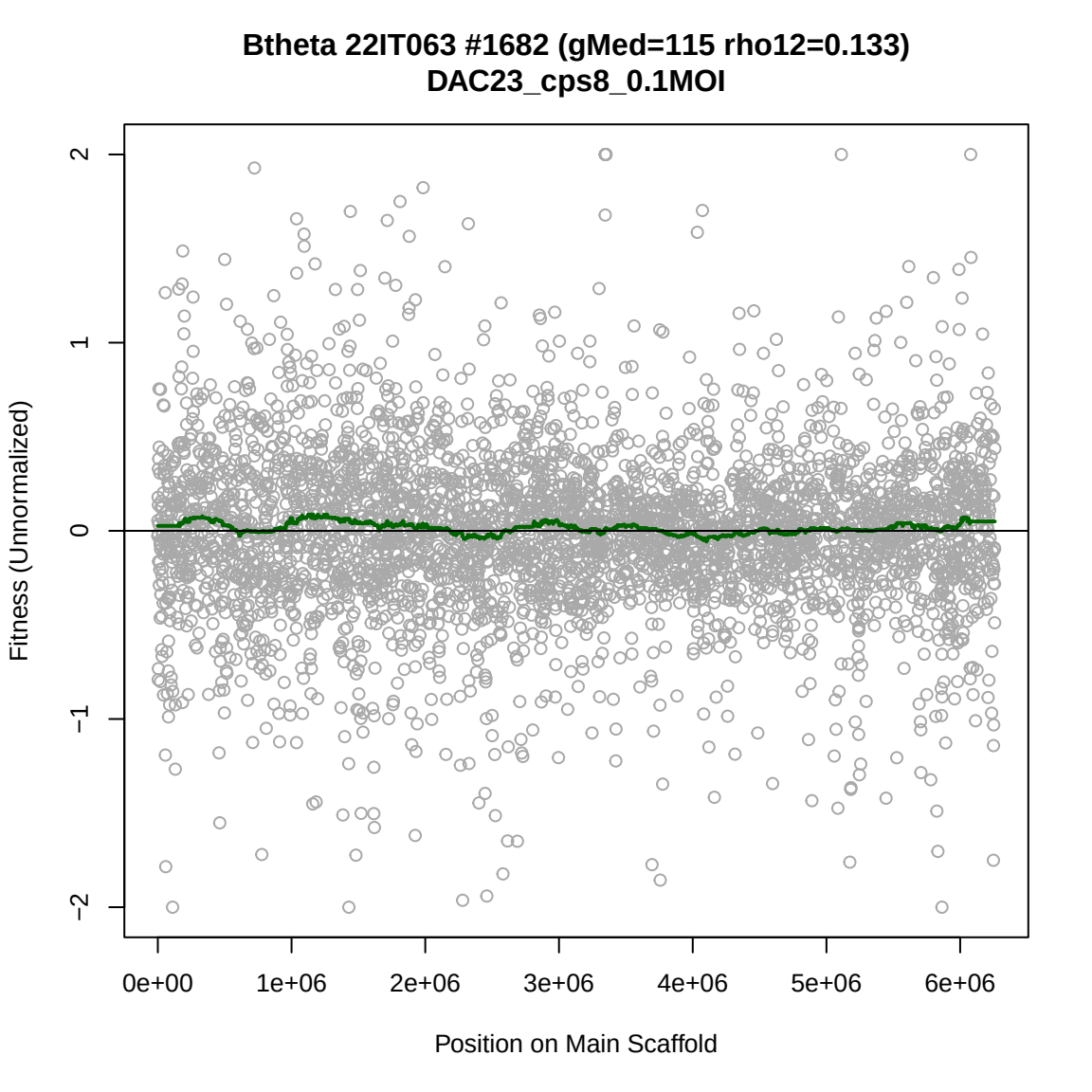

Btheta 22IT058 #1677 (gMed=125 rho12=0.104)
DAC16_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

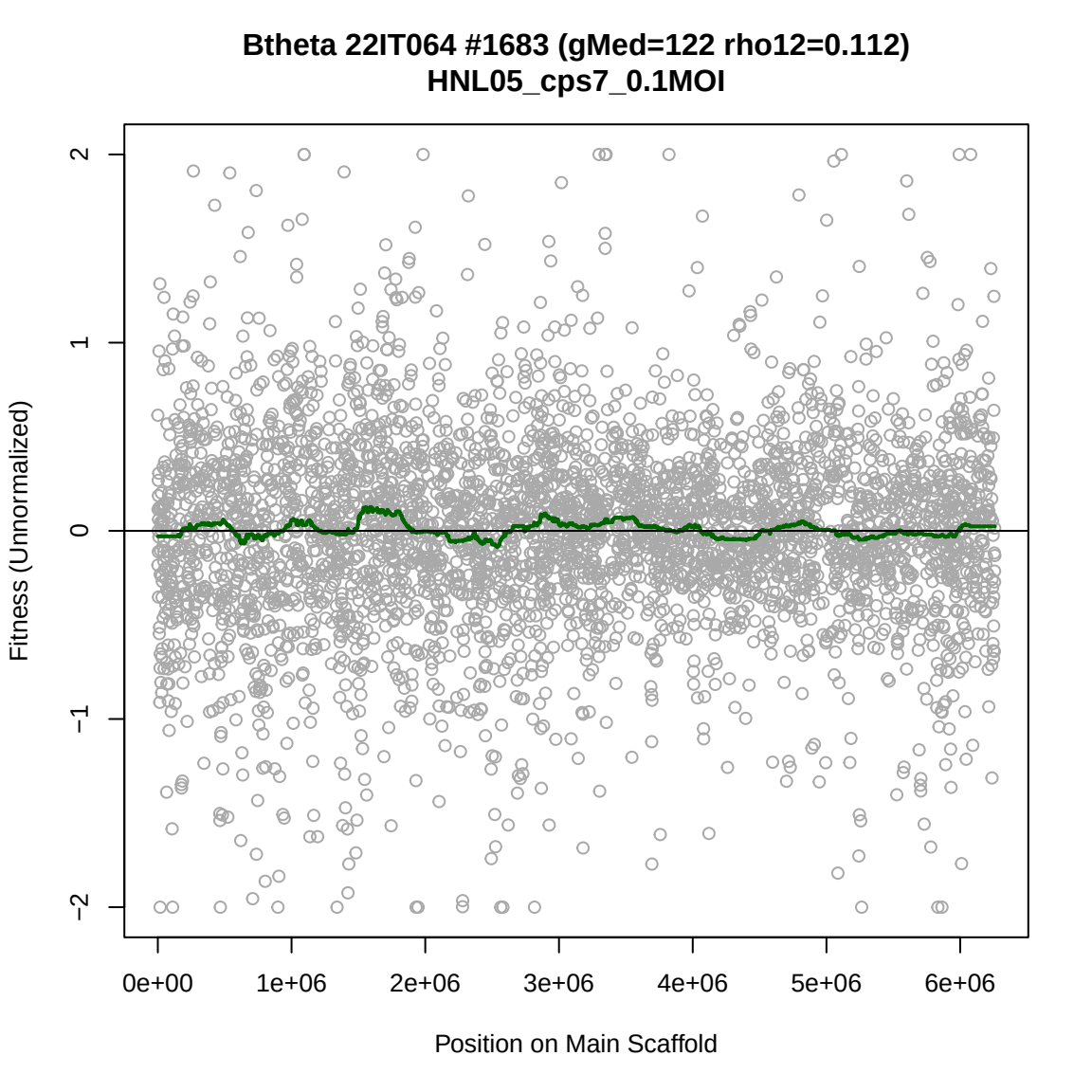

Btheta 22IT059 #1678 (gMed=121 rho12=0.130)
DAC17_cps3_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

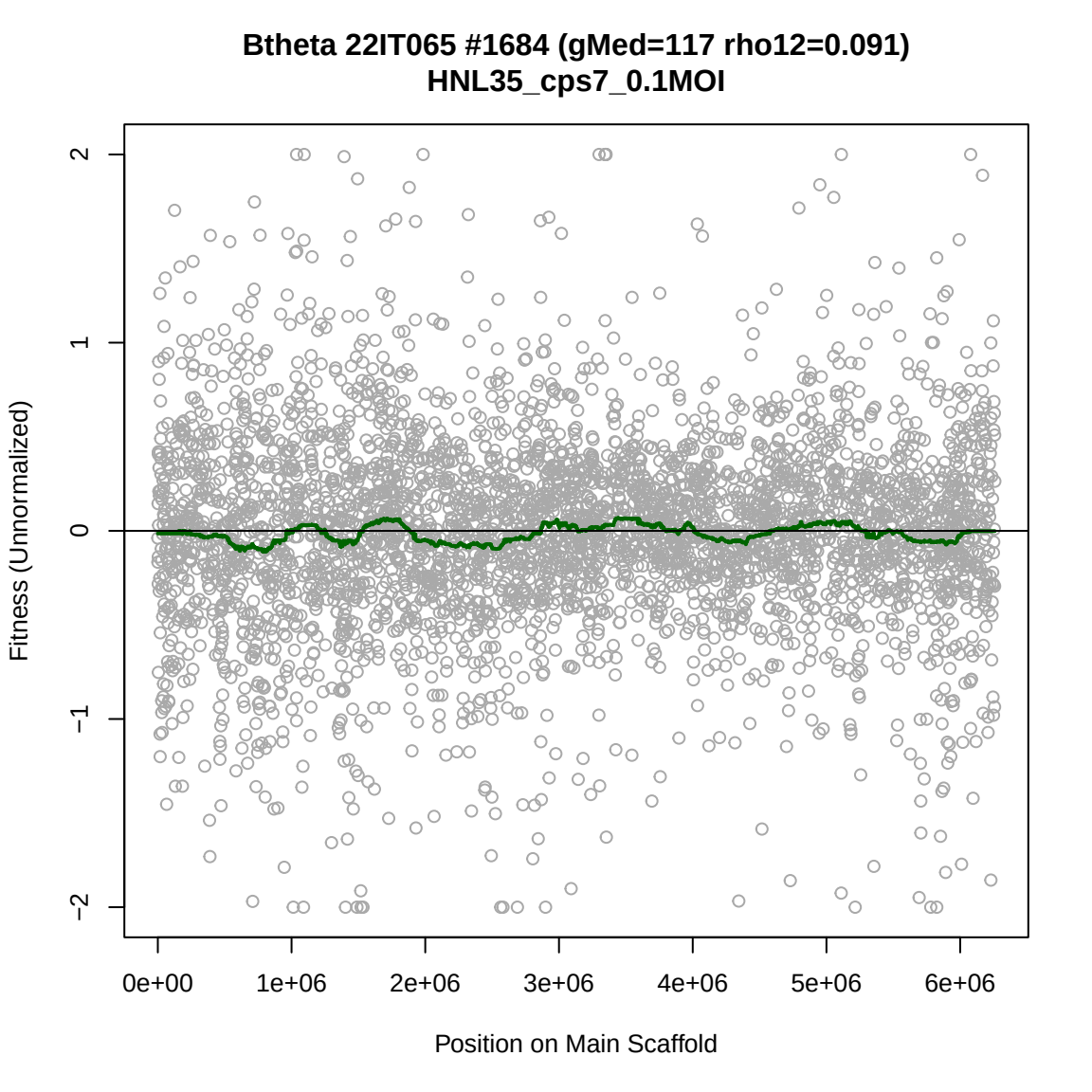

Btheta 22IT060 #1679 (gMed=100 rho12=0.112)
DAC19_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

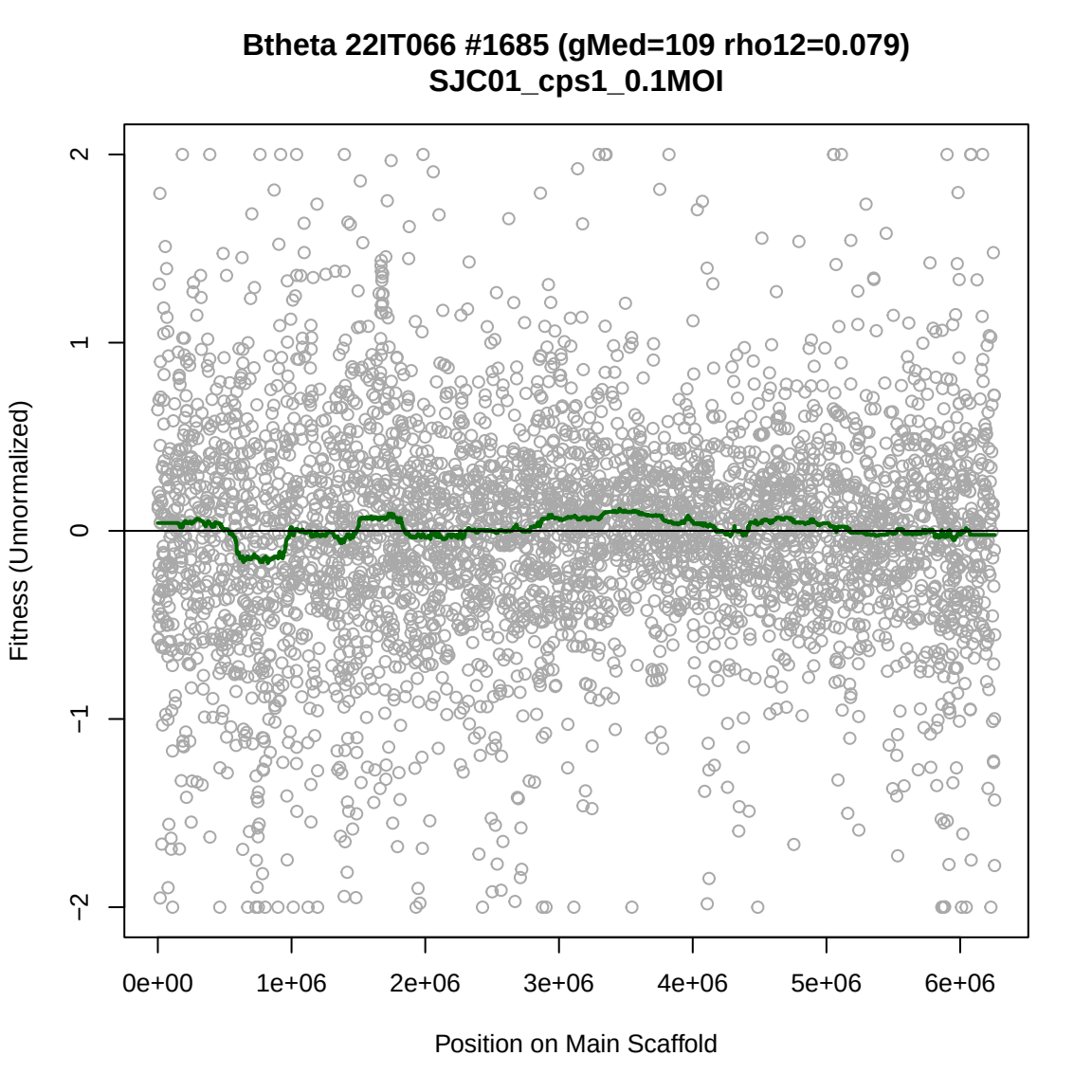

Btheta 22IT061 #1680 (gMed=135 rho12=0.113)
DAC20_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

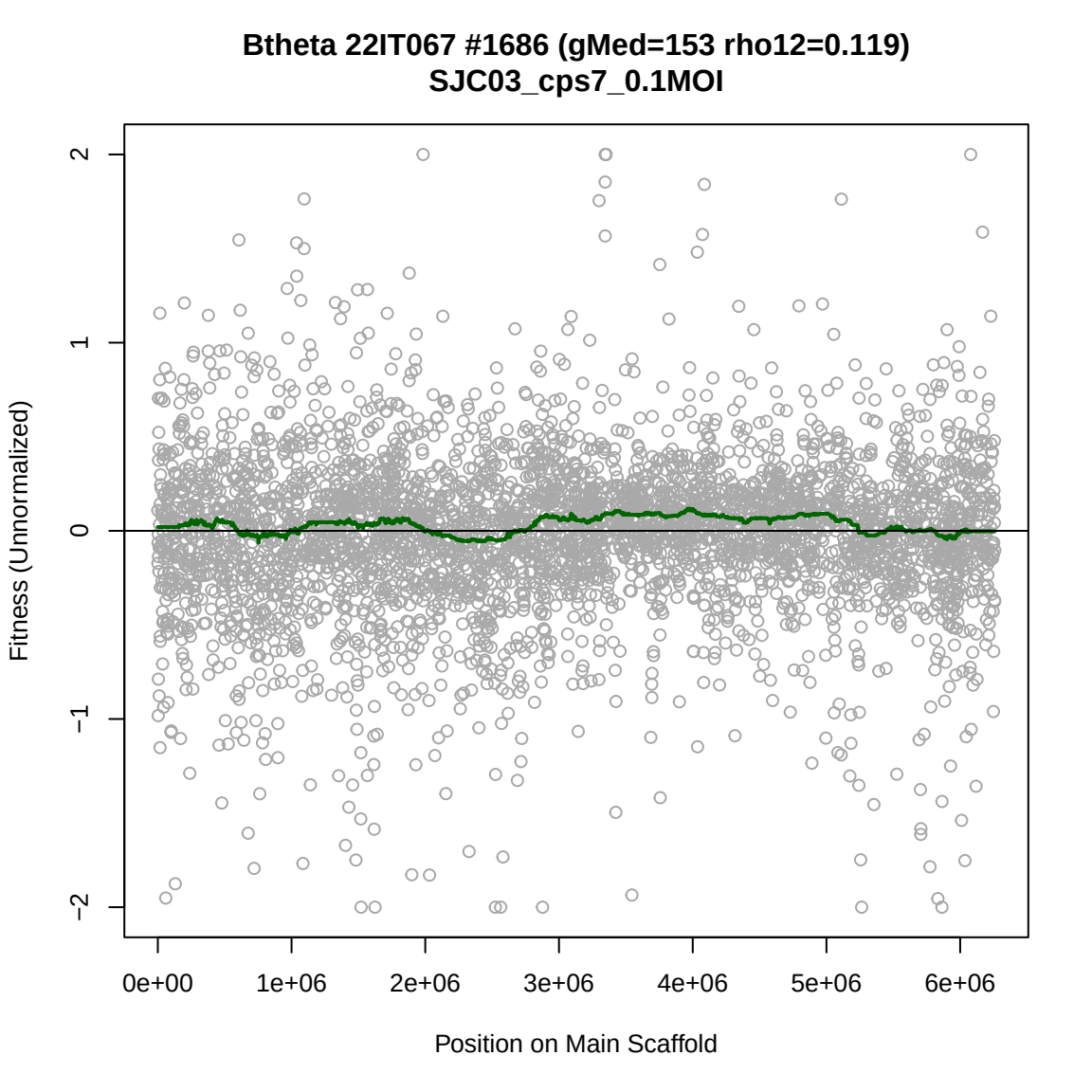

Btheta 22IT062 #1681 (gMed=130 rho12=0.140)
DAC22_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

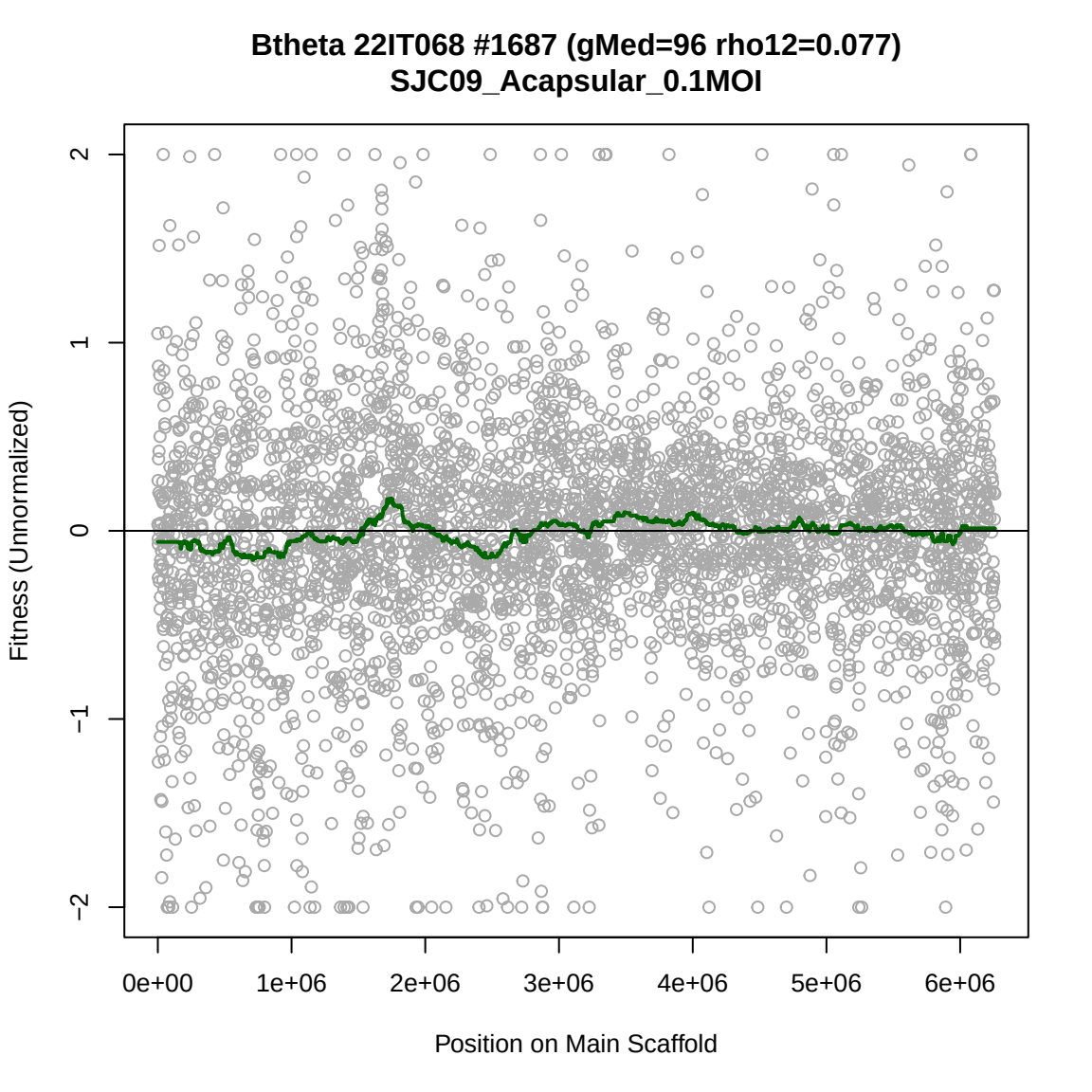

Btheta 22IT063 #1682 (gMed=115 rho12=0.133)
DAC23_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

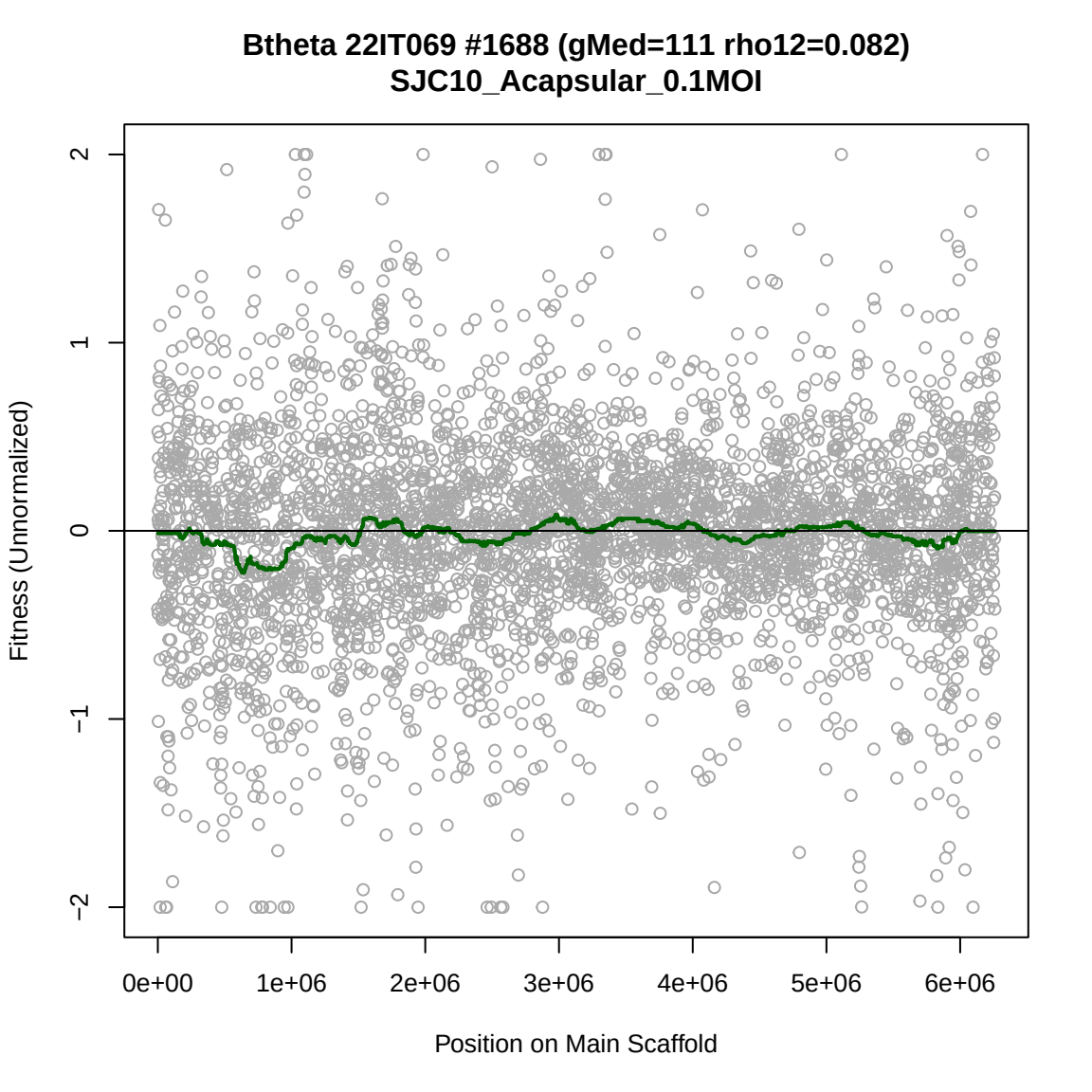

Btheta 22IT064 #1683 (gMed=122 rho12=0.112)
HNL05_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

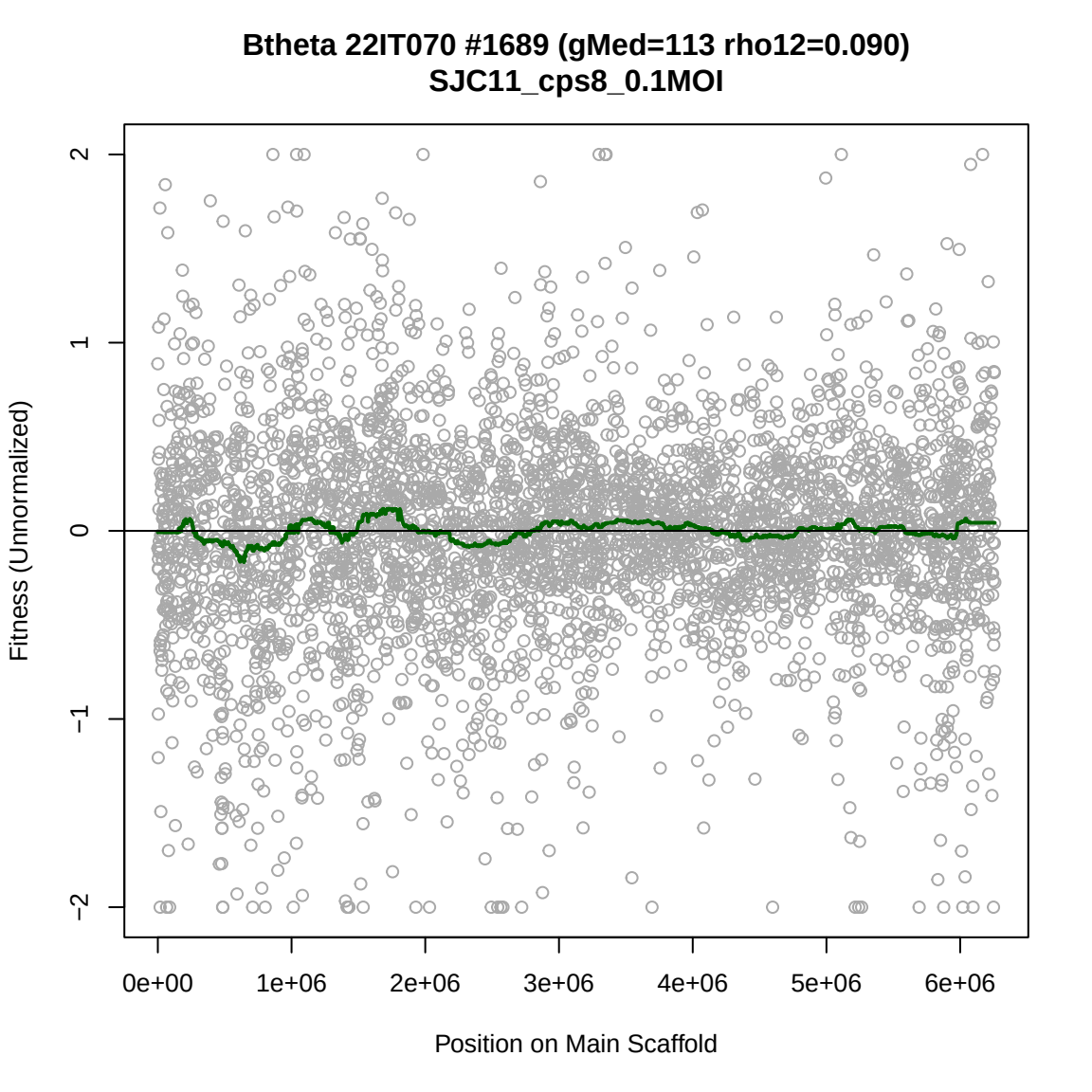

Btheta 22IT065 #1684 (gMed=117 rho12=0.091)
HNL35_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

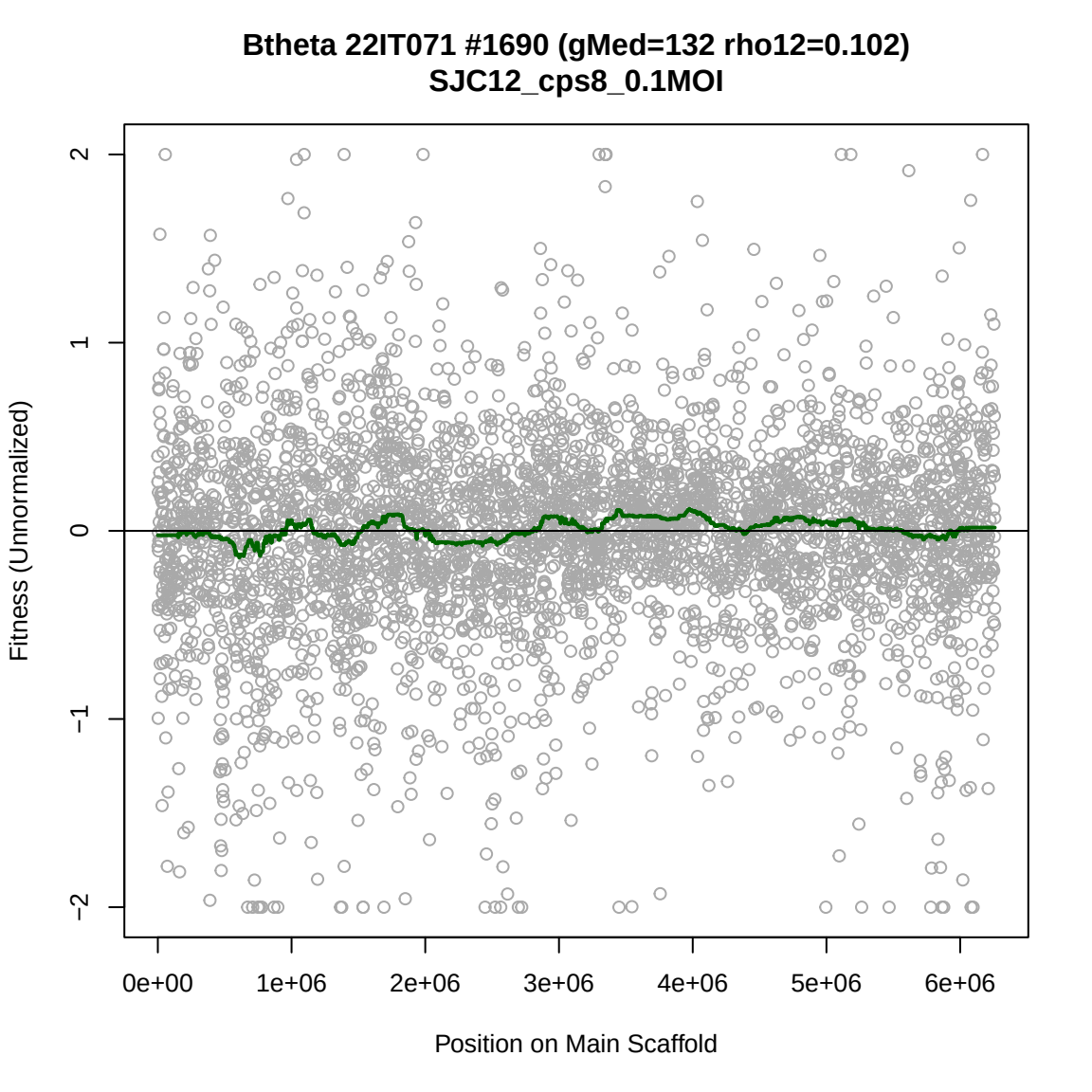

Btheta 22IT066 #1685 (gMed=109 rho12=0.079)
SJC01_cps1_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

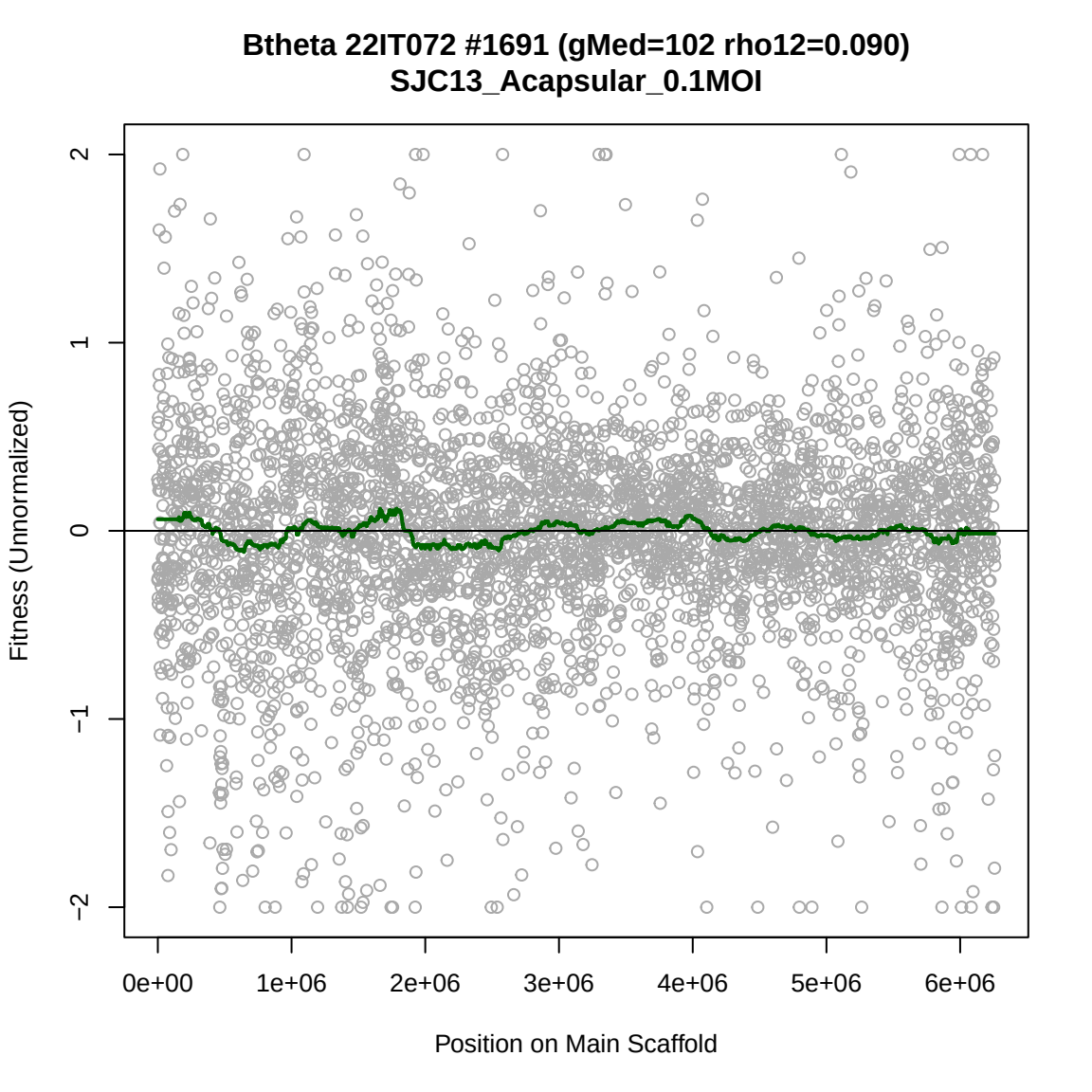

Btheta 22IT067 #1686 (gMed=153 rho12=0.119)
SJC03_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

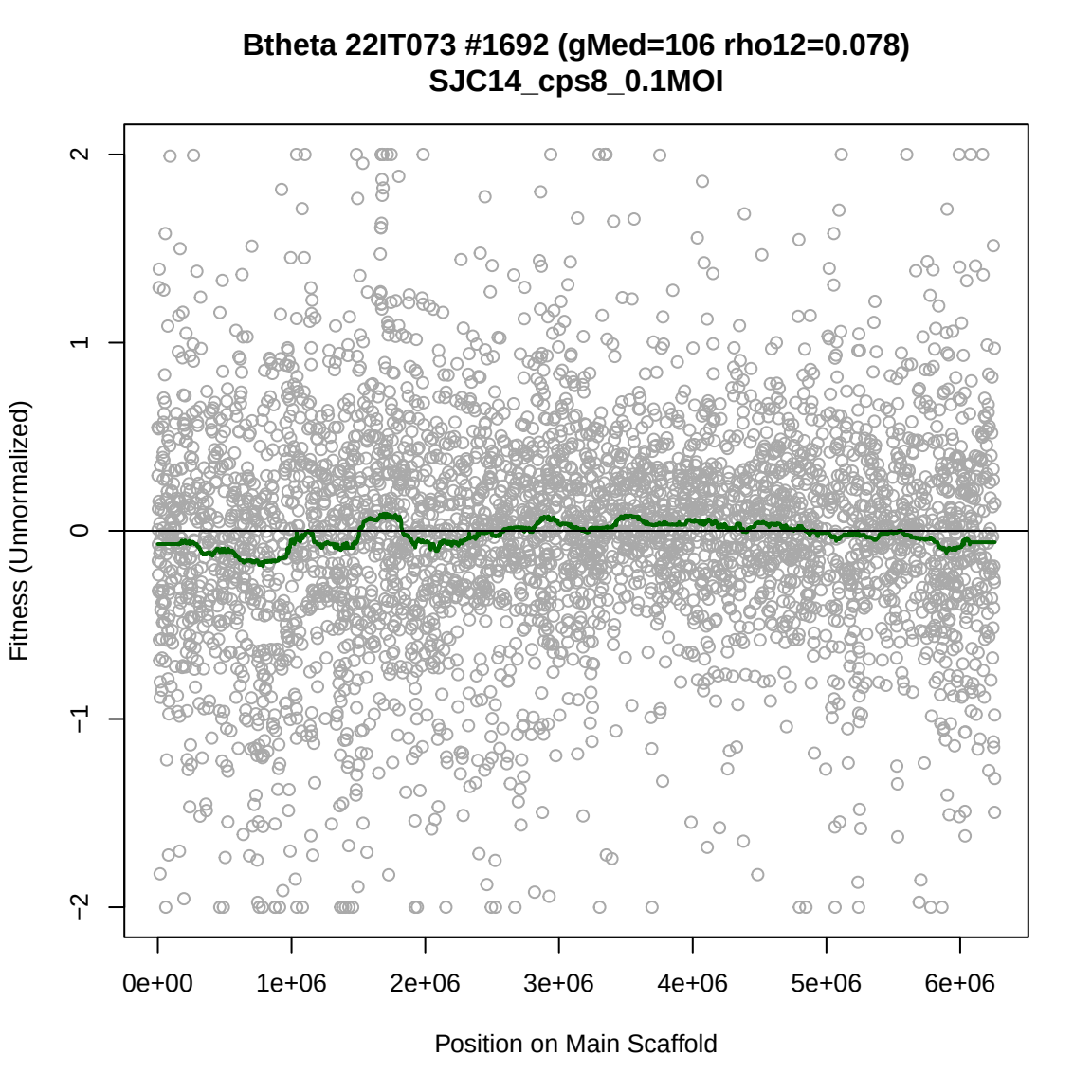

Btheta 22IT068 #1687 (gMed=96 rho12=0.077)
SJC09_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

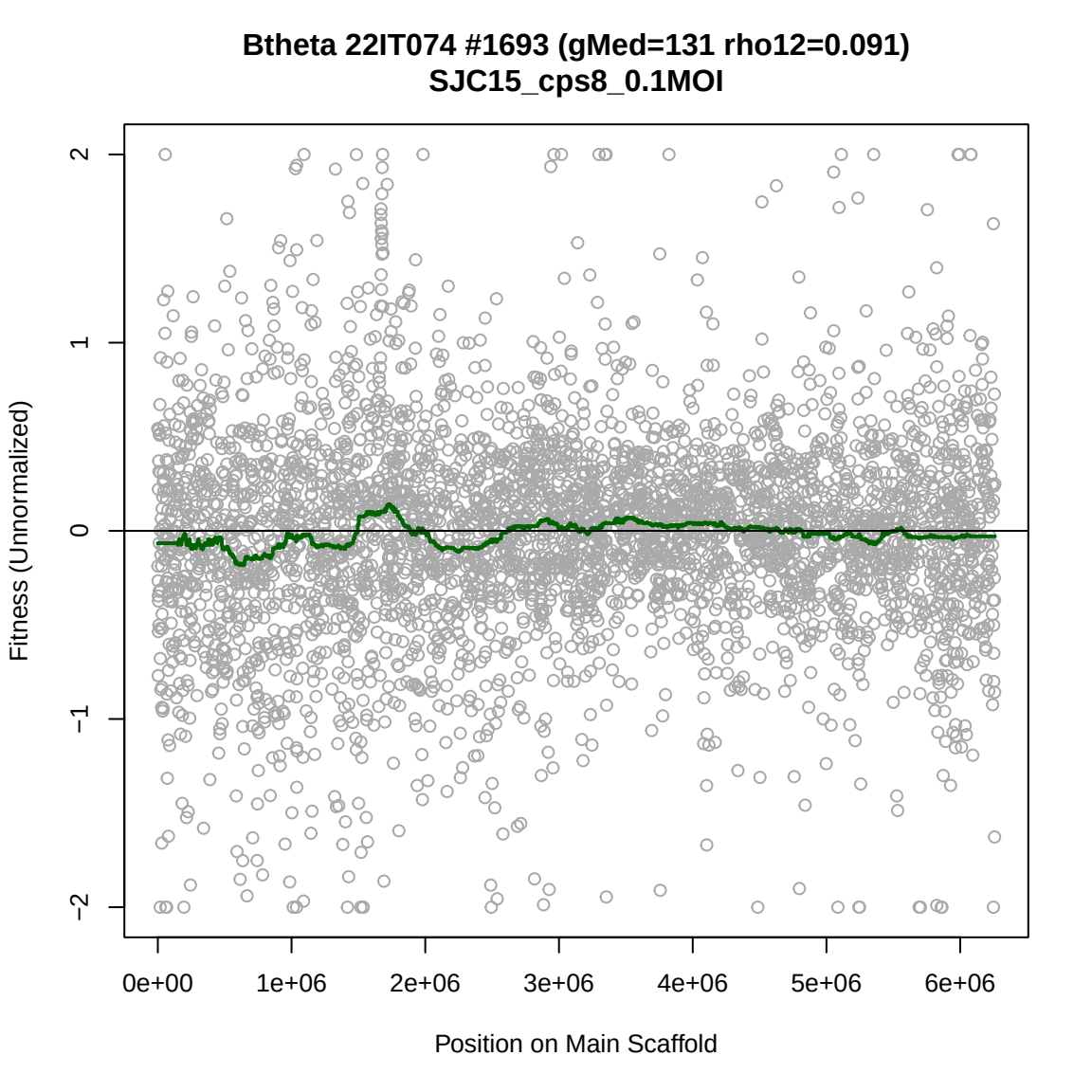

Btheta 22IT069 #1688 (gMed=111 rho12=0.082)
SJC10_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

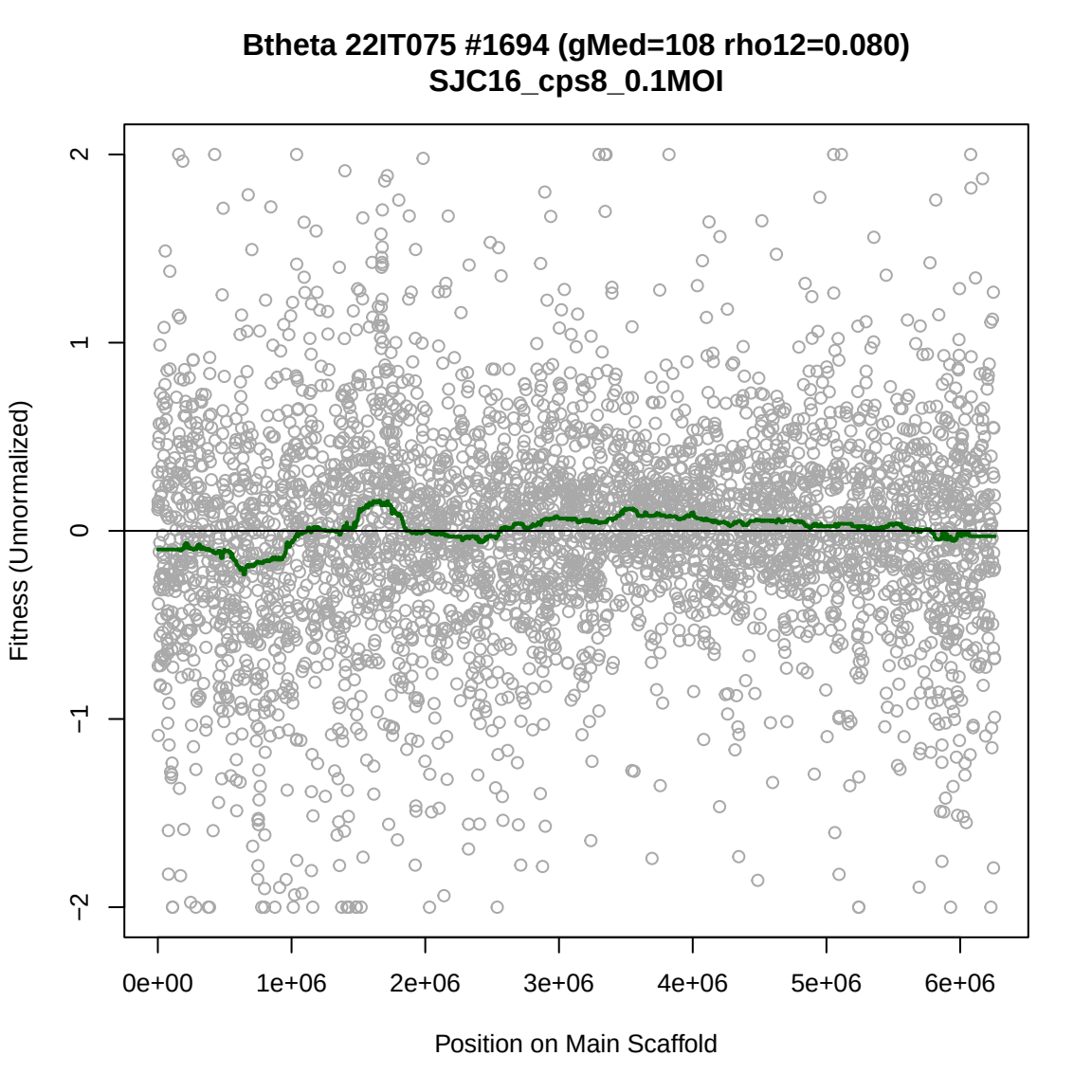

Btheta 22IT070 #1689 (gMed=113 rho12=0.090)
SJC11_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

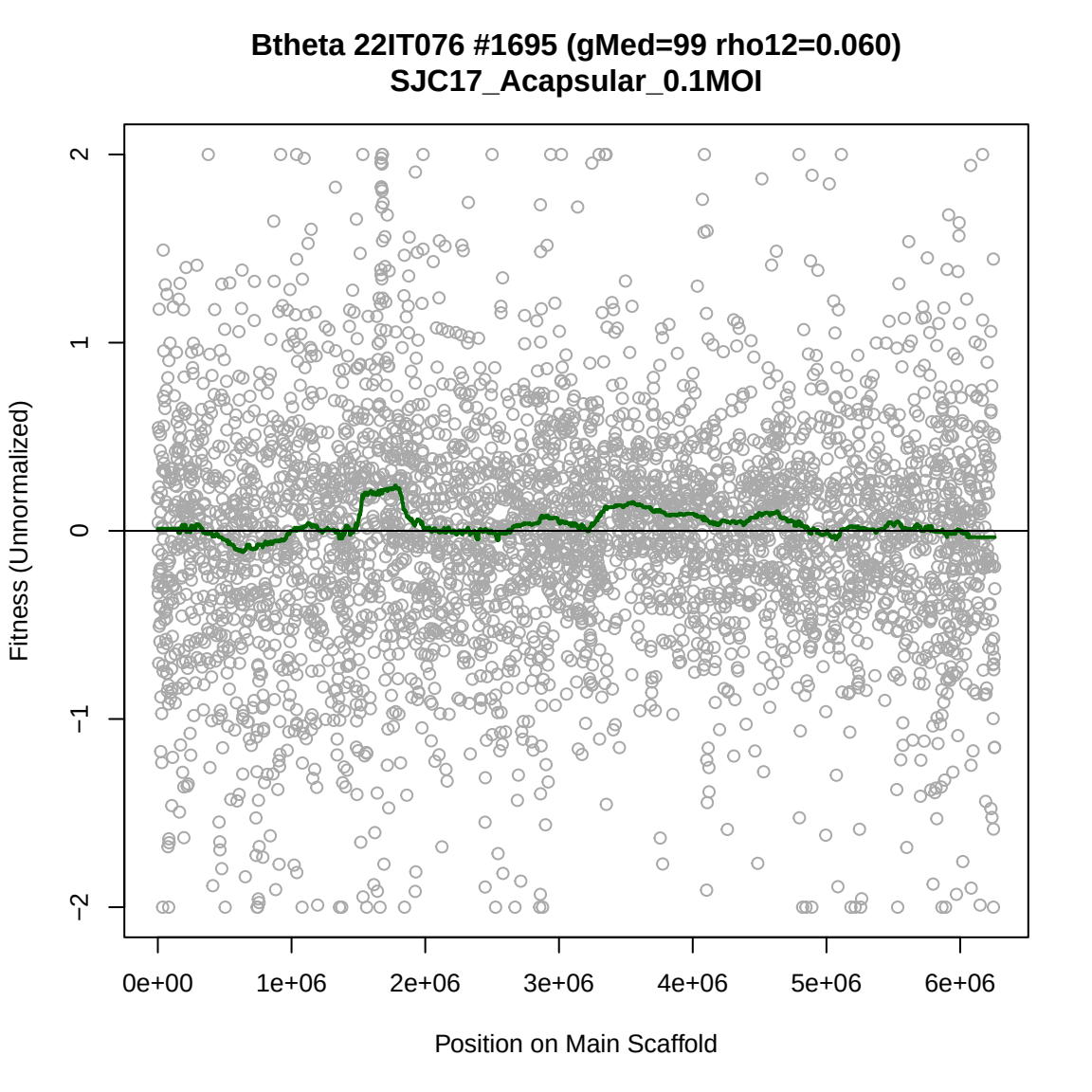

Btheta 22IT071 #1690 (gMed=132 rho12=0.102)
SJC12_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

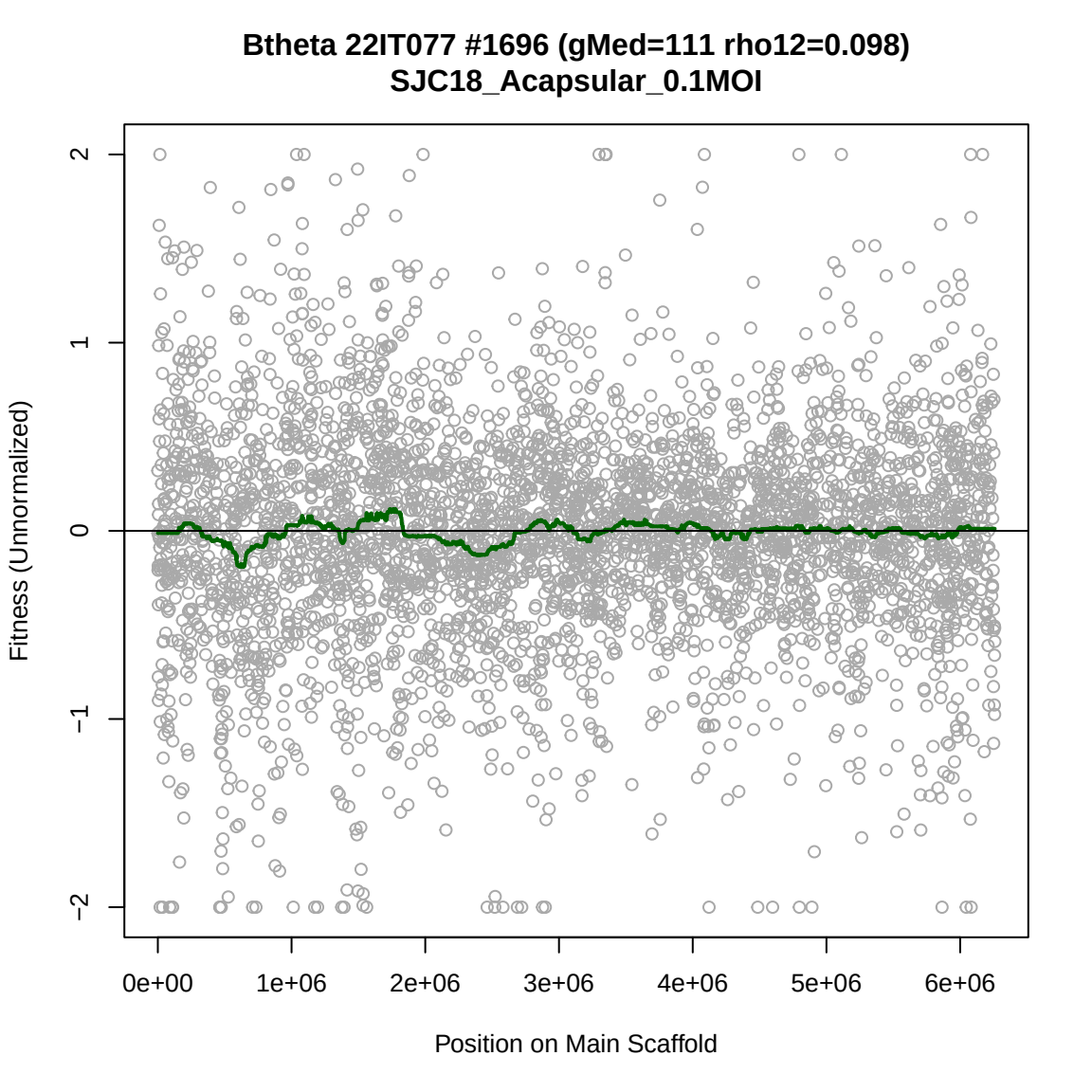

Btheta 22IT072 #1691 (gMed=102 rho12=0.090)
SJC13_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

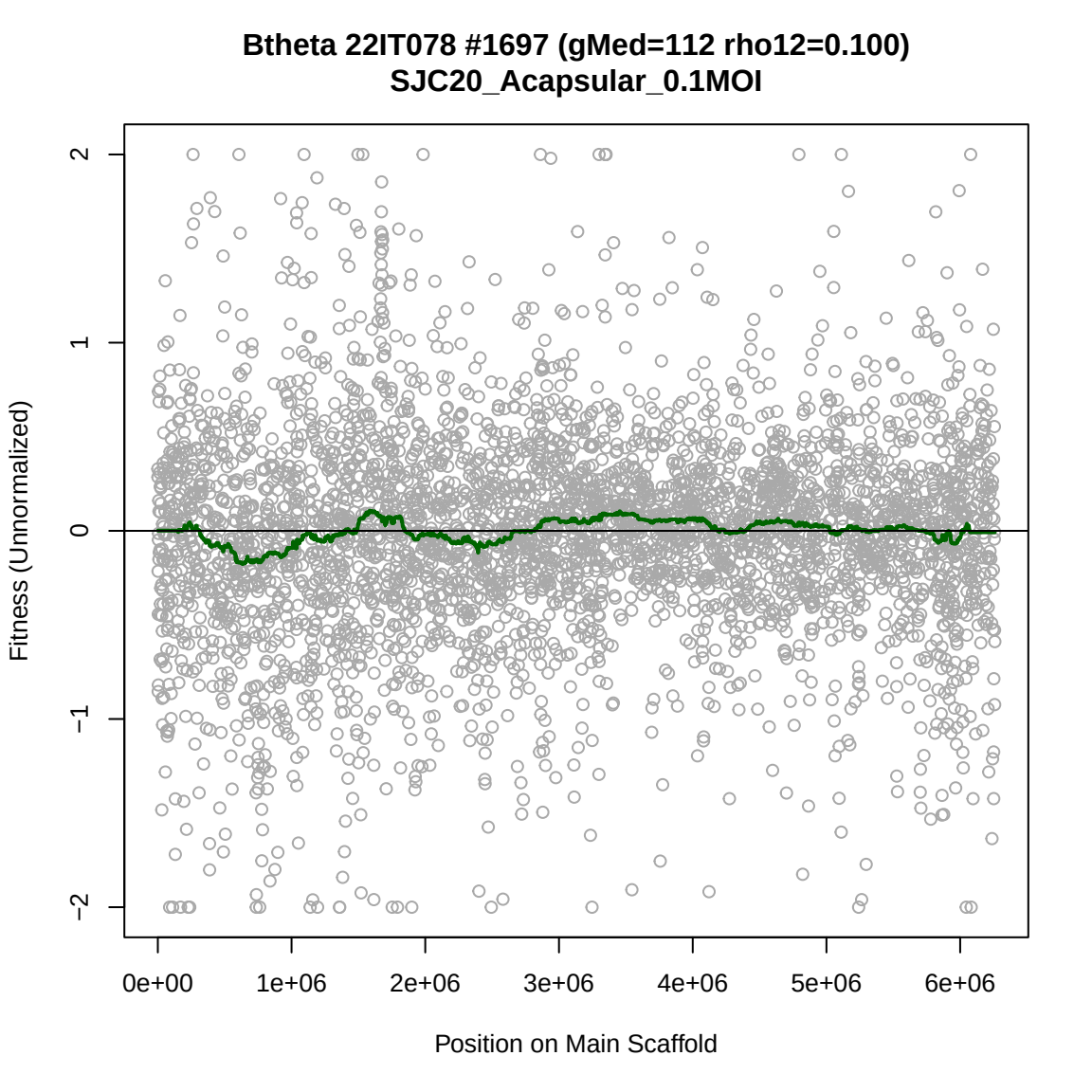

Btheta 22IT073 #1692 (gMed=106 rho12=0.078)
SJC14_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

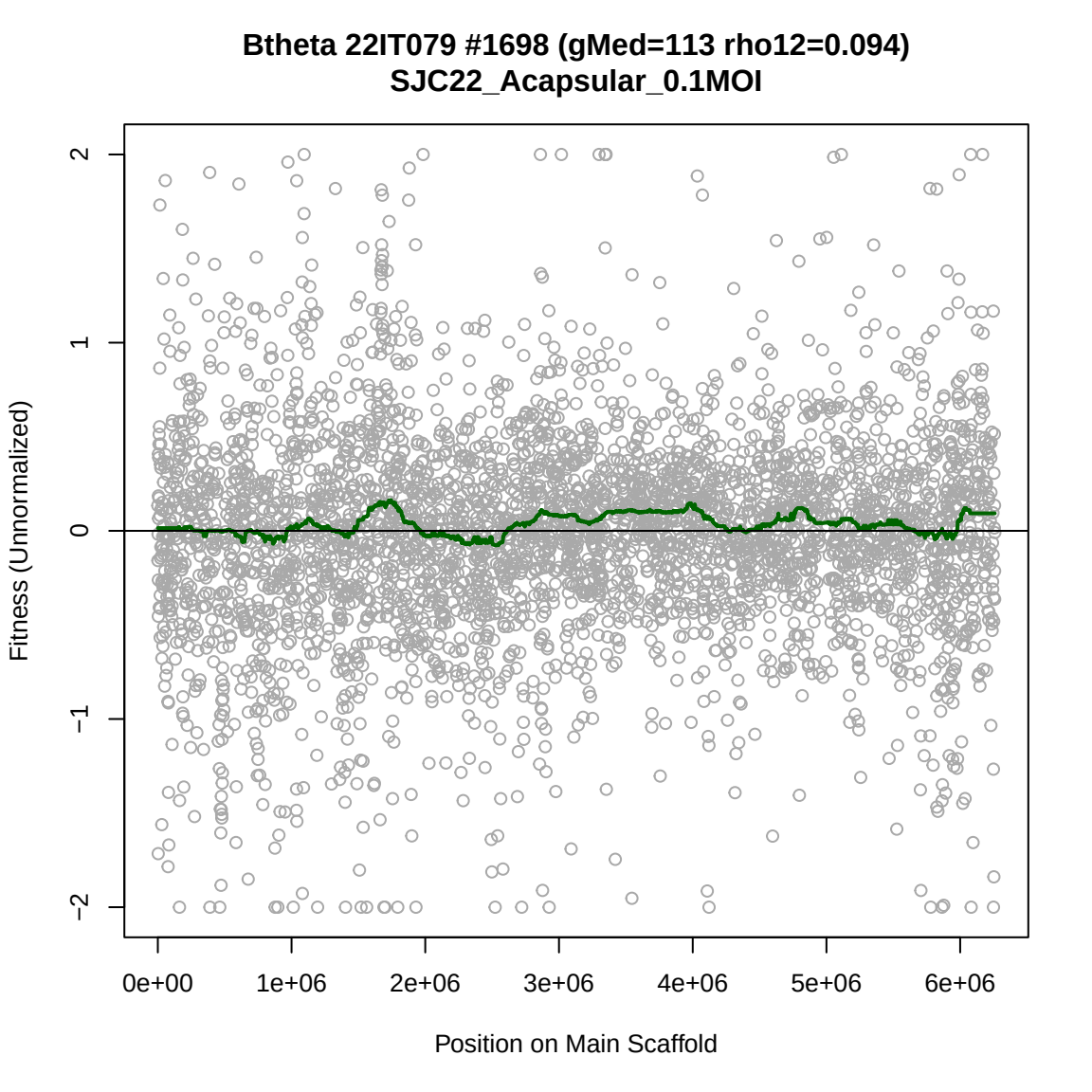

Btheta 22IT074 #1693 (gMed=131 rho12=0.091)
SJC15_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

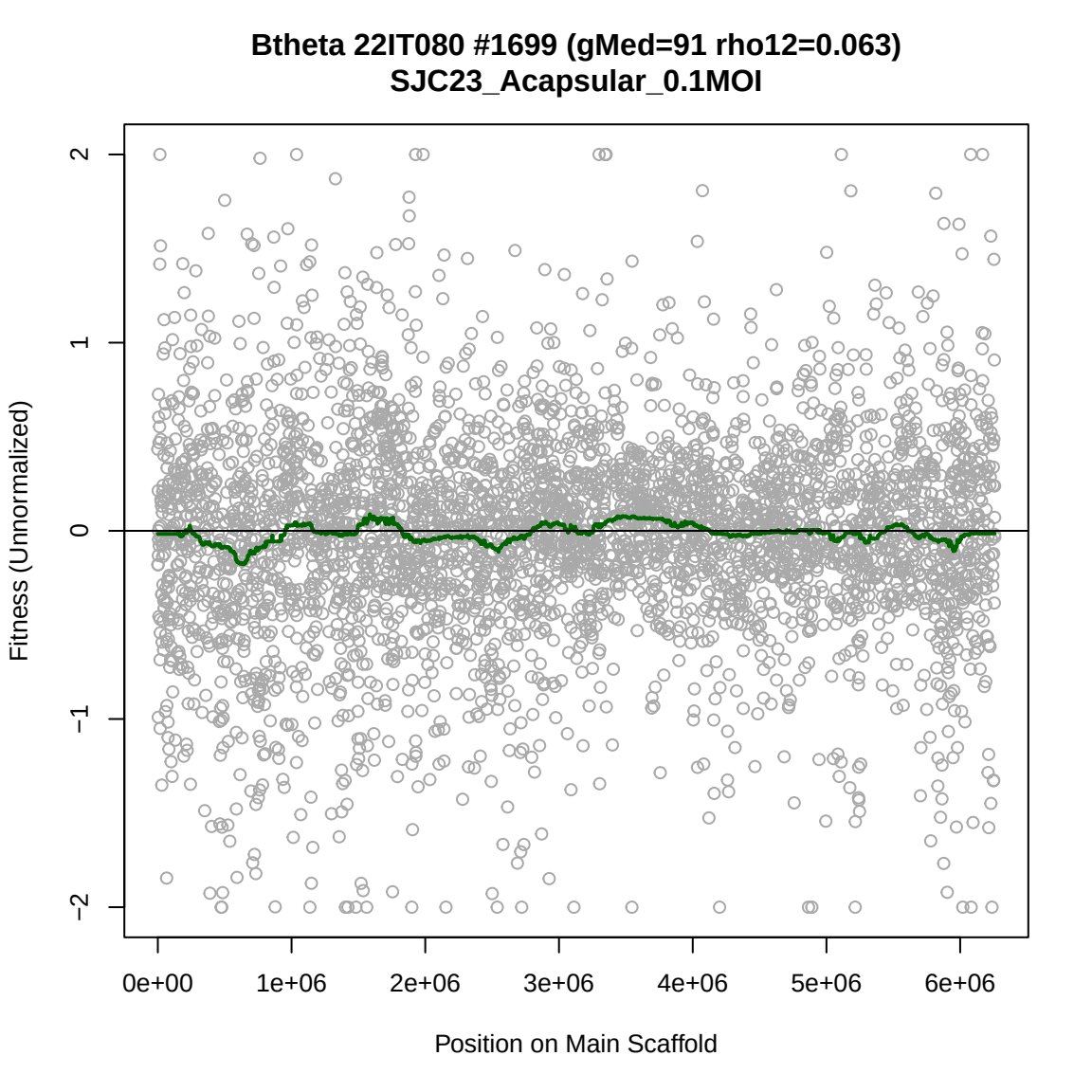

Btheta 22IT075 #1694 (gMed=108 rho12=0.080)
SJC16_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

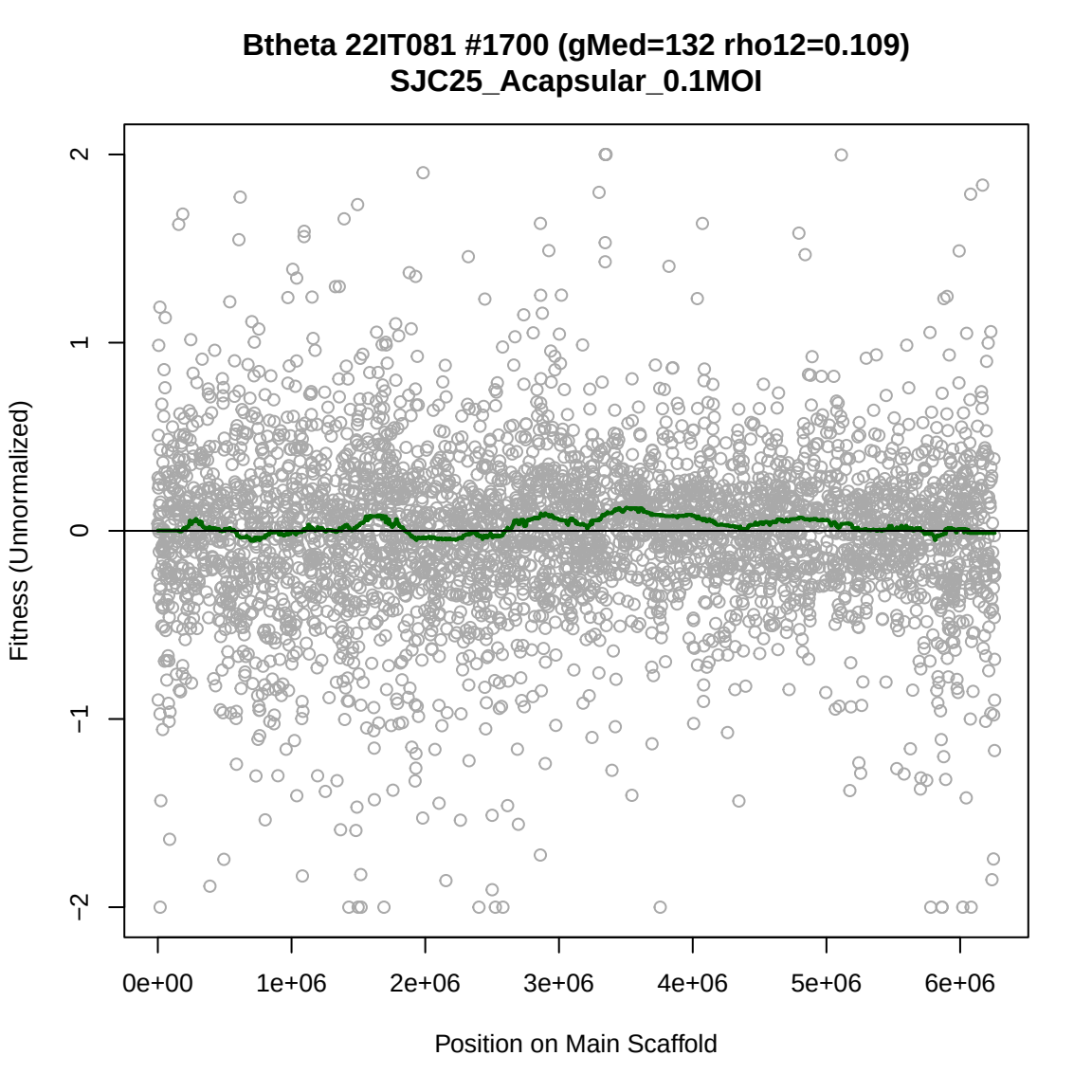

Btheta 22IT076 #1695 (gMed=99 rho12=0.060)
SJC17_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

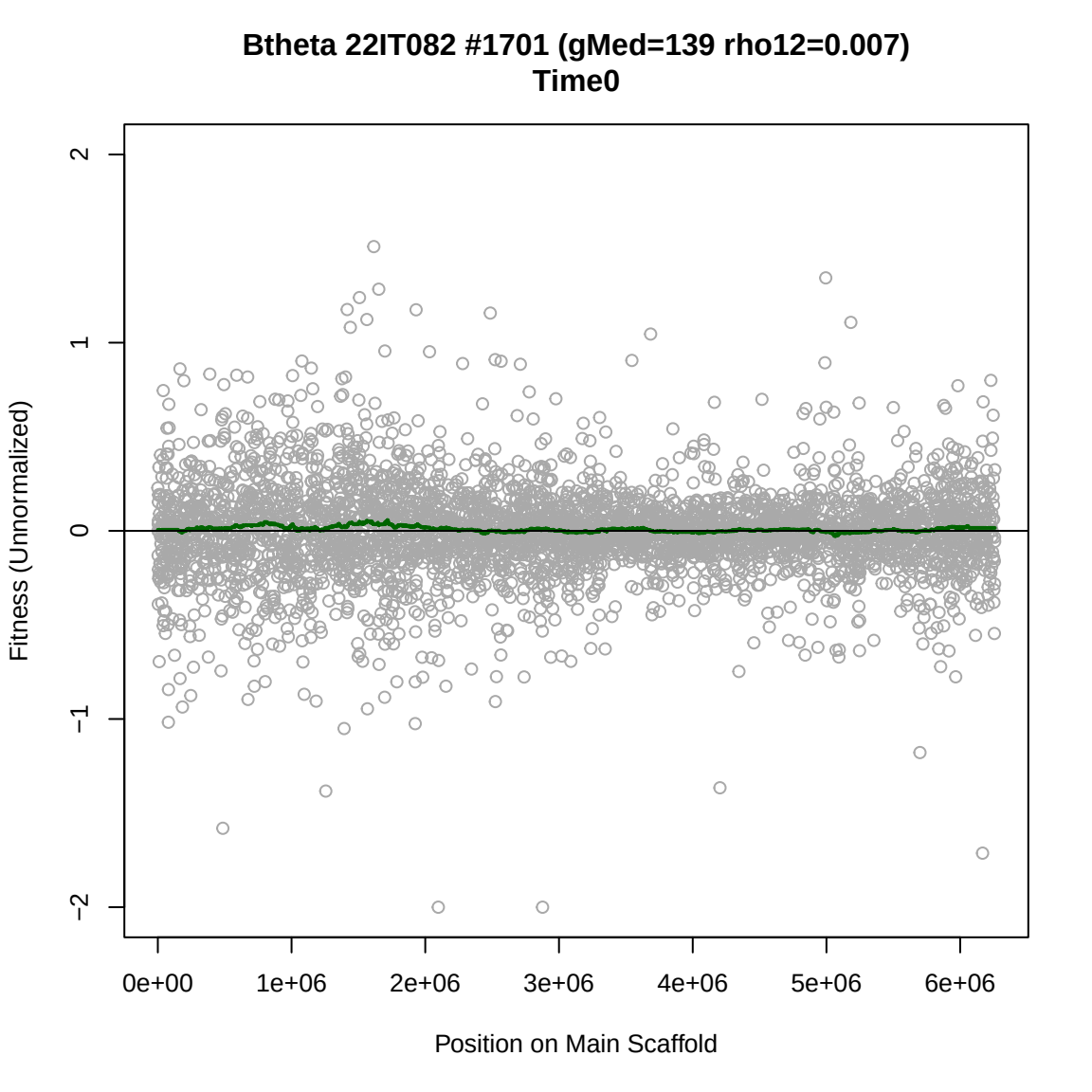

Btheta 22IT077 #1696 (gMed=111 rho12=0.098)
SJC18_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

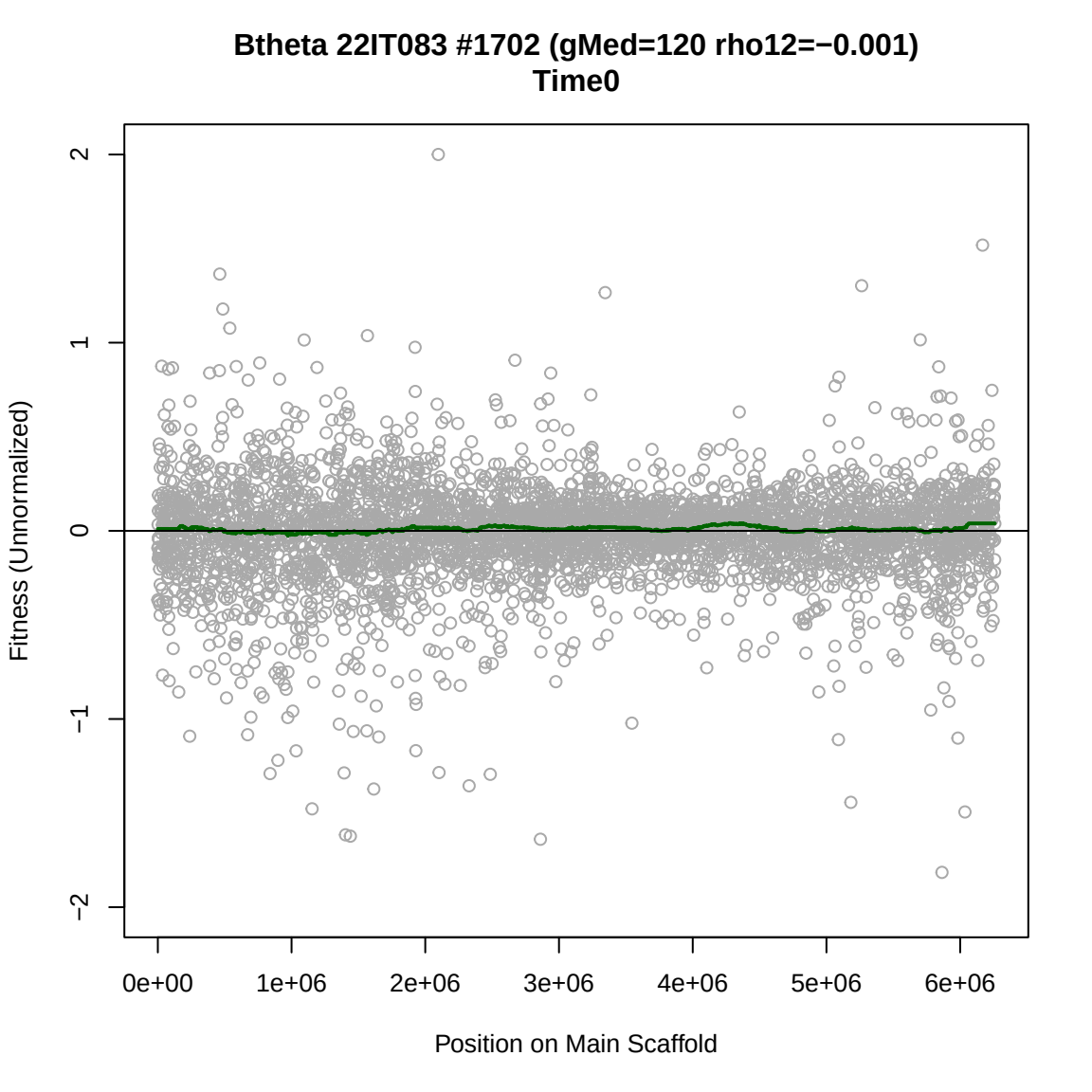

Btheta 22IT078 #1697 (gMed=112 rho12=0.100)
SJC20_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

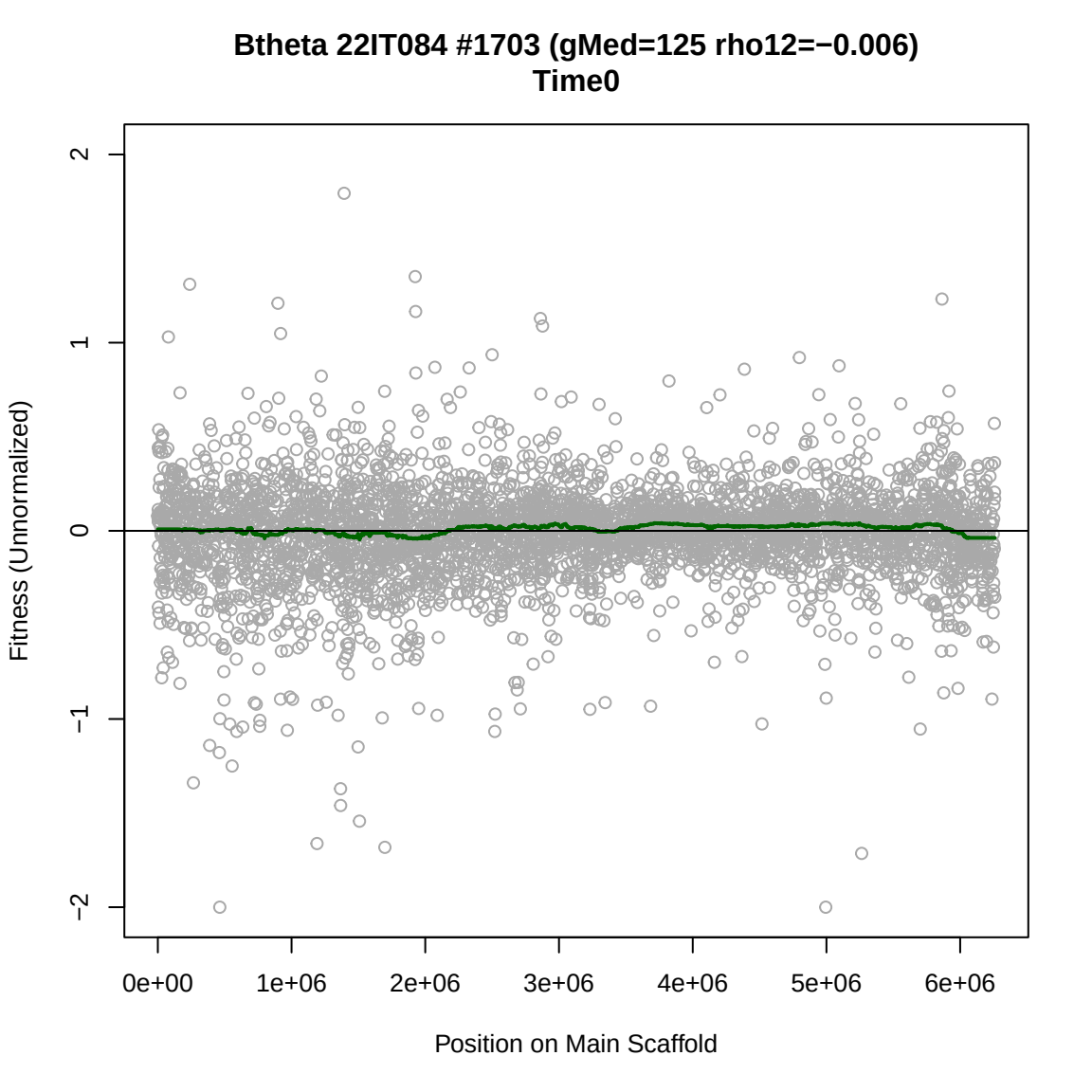

Btheta 22IT079 #1698 (gMed=113 rho12=0.094)
SJC22_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

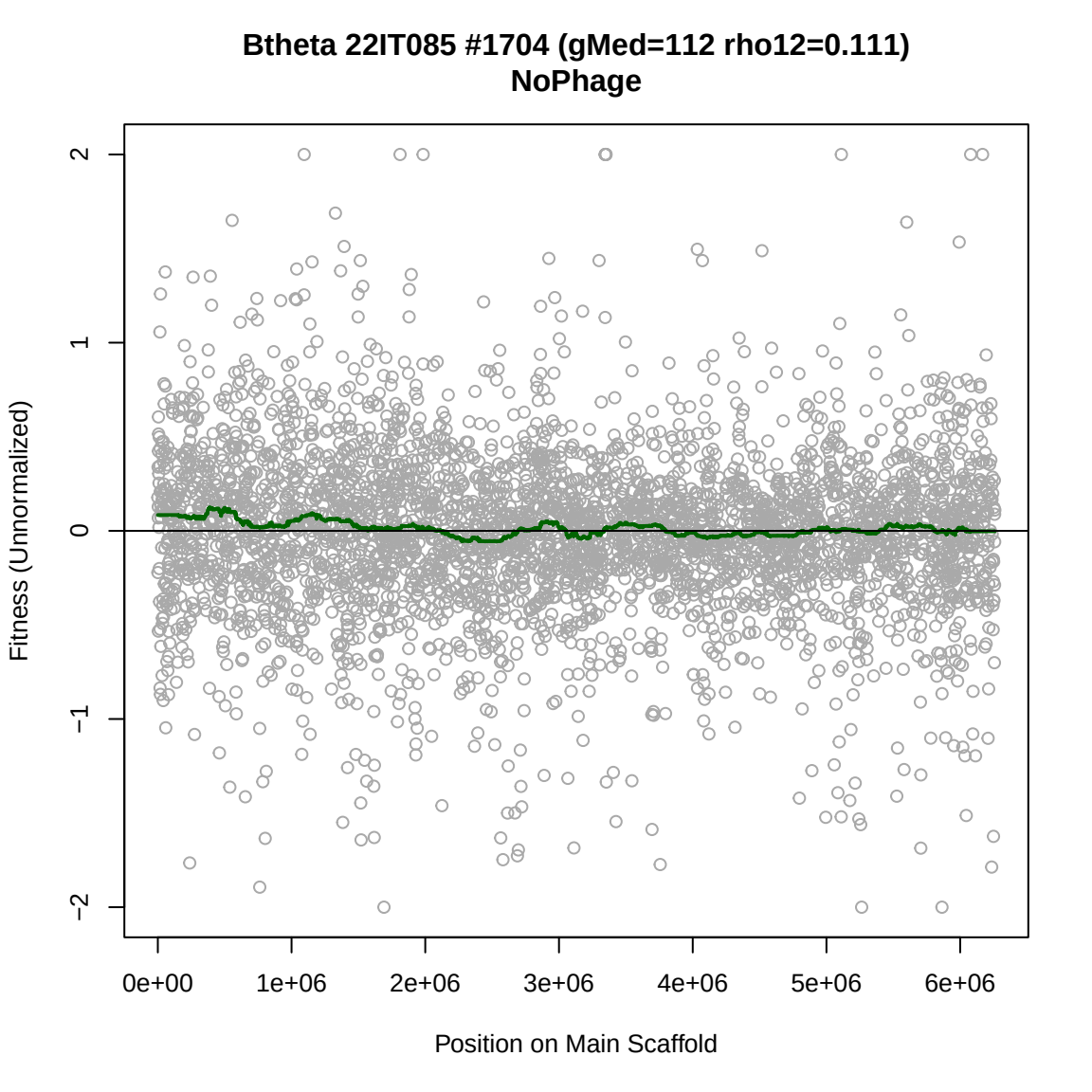

Btheta 22IT080 #1699 (gMed=91 rho12=0.063)
SJC23_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

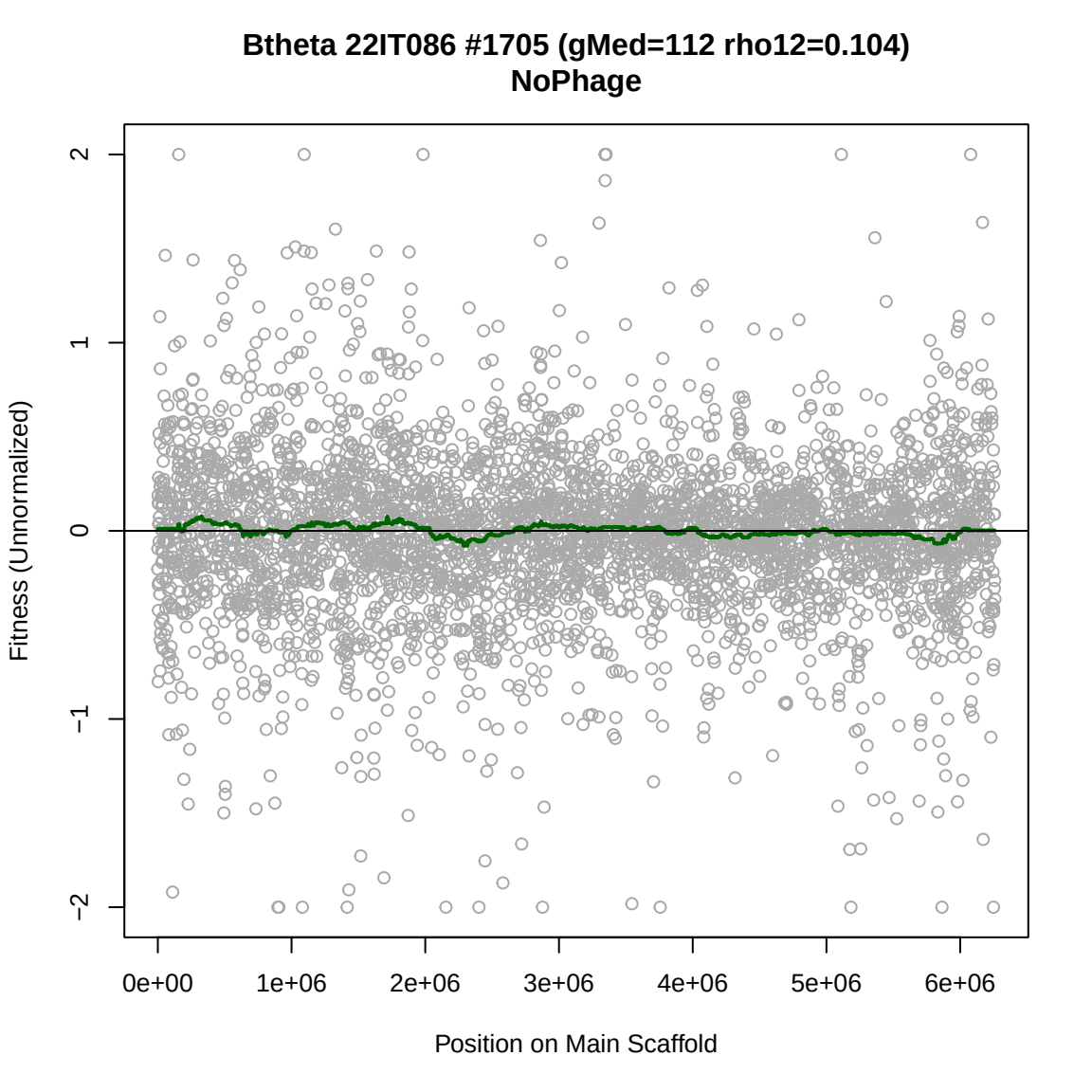

Btheta 22IT081 #1700 (gMed=132 rho12=0.109)
SJC25_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

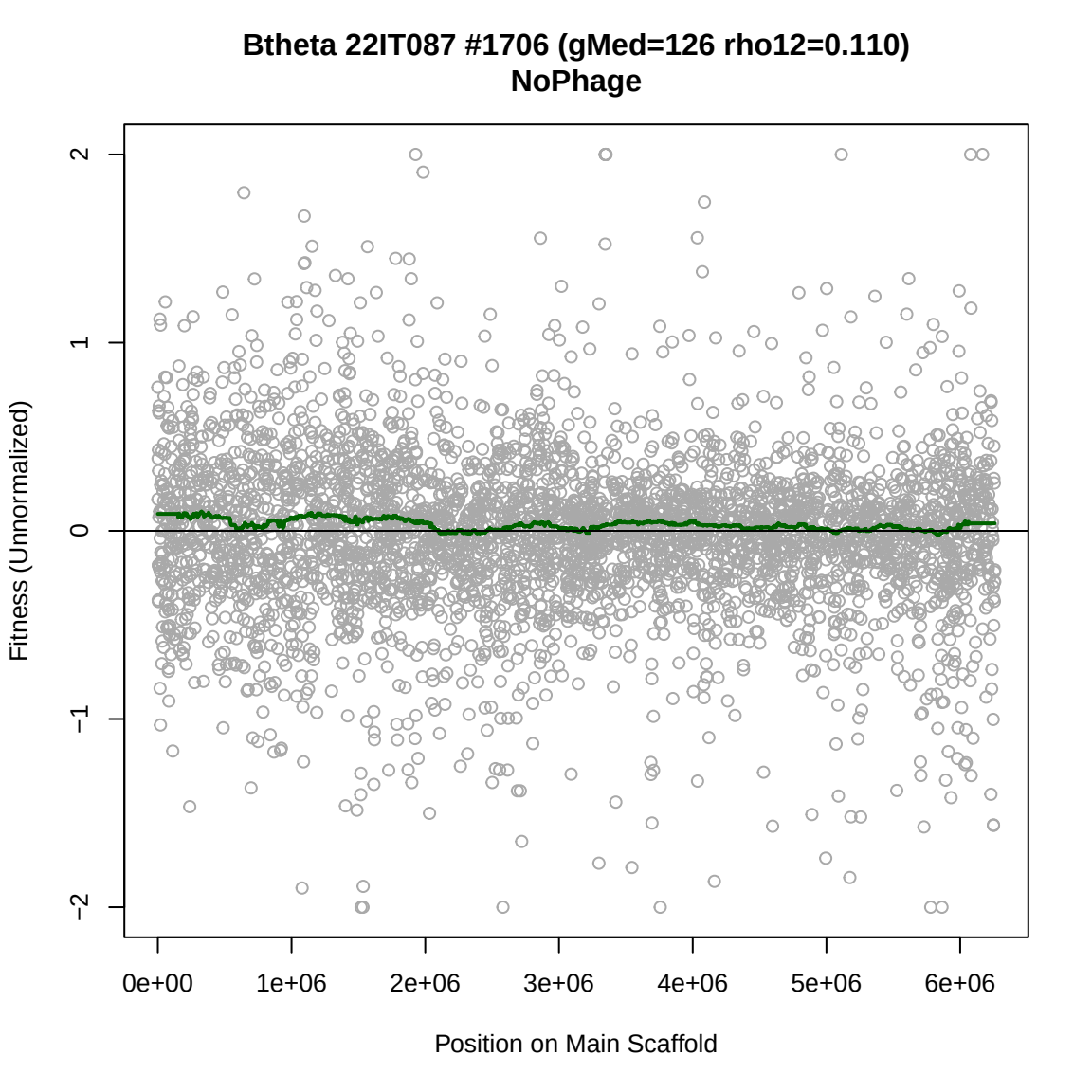

Btheta 22IT082 #1701 (gMed=139 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

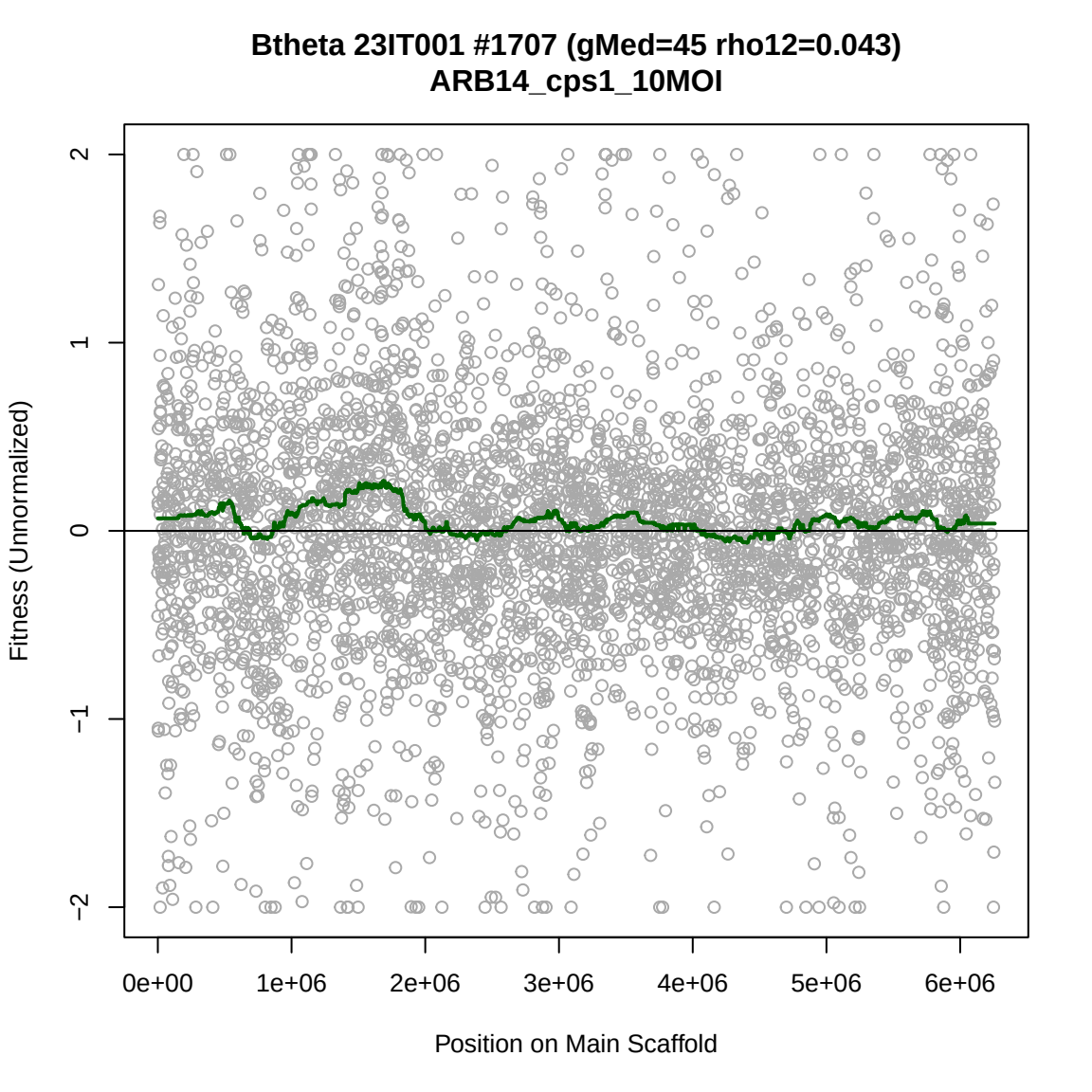

Btheta 22IT083 #1702 (gMed=120 rho12=−0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

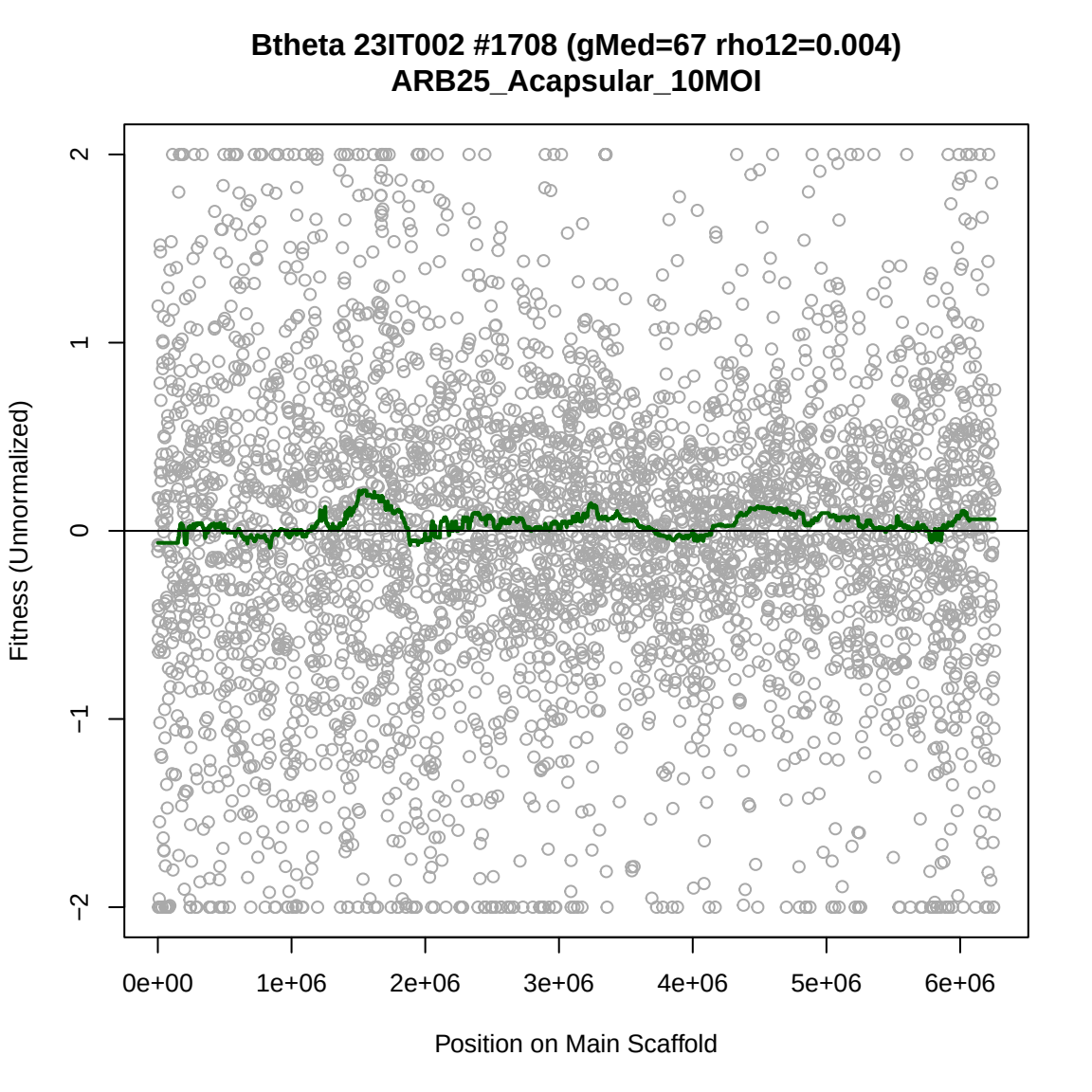

Btheta 22IT084 #1703 (gMed=125 rho12=−0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

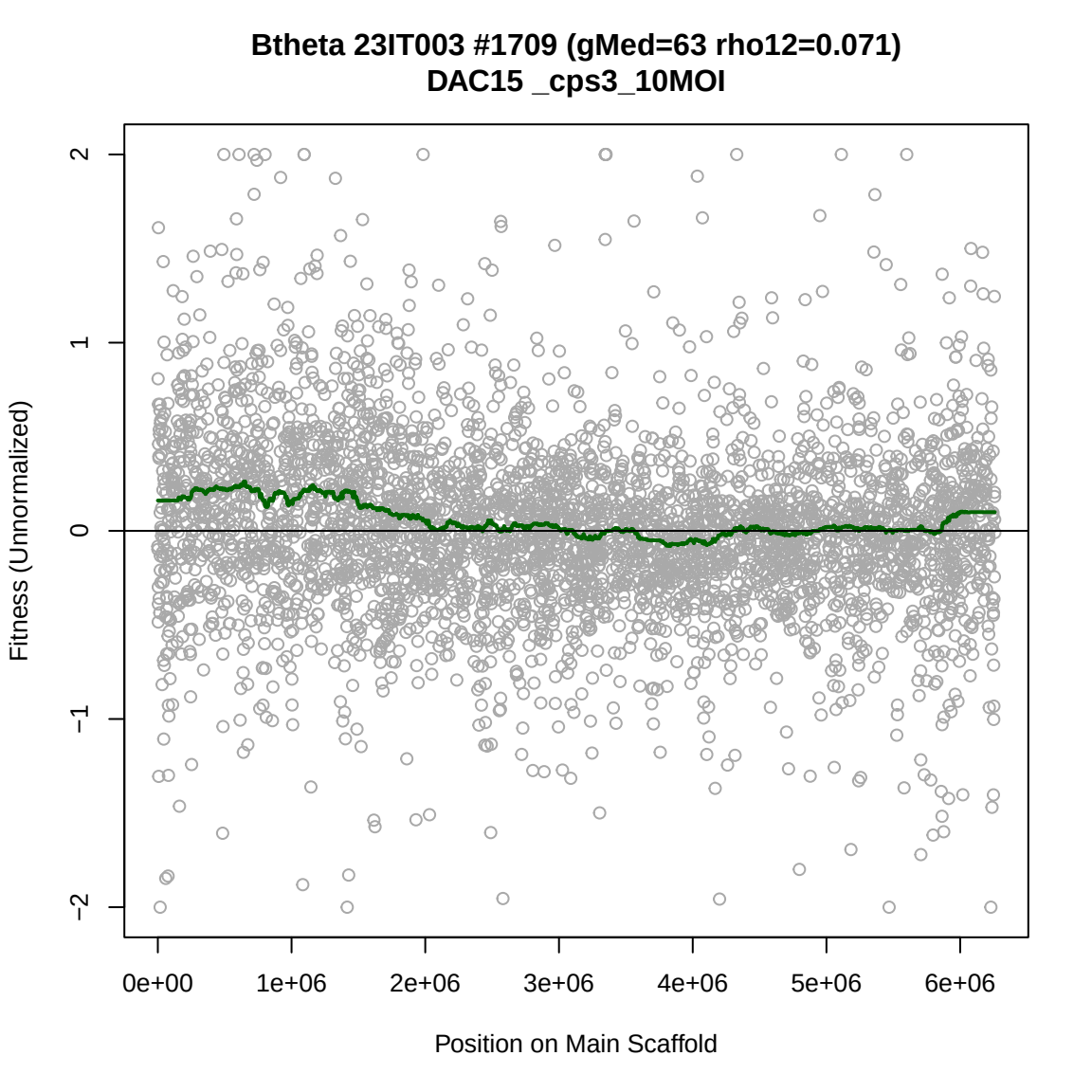

Btheta 22IT085 #1704 (gMed=112 rho12=0.111)
NoPhage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

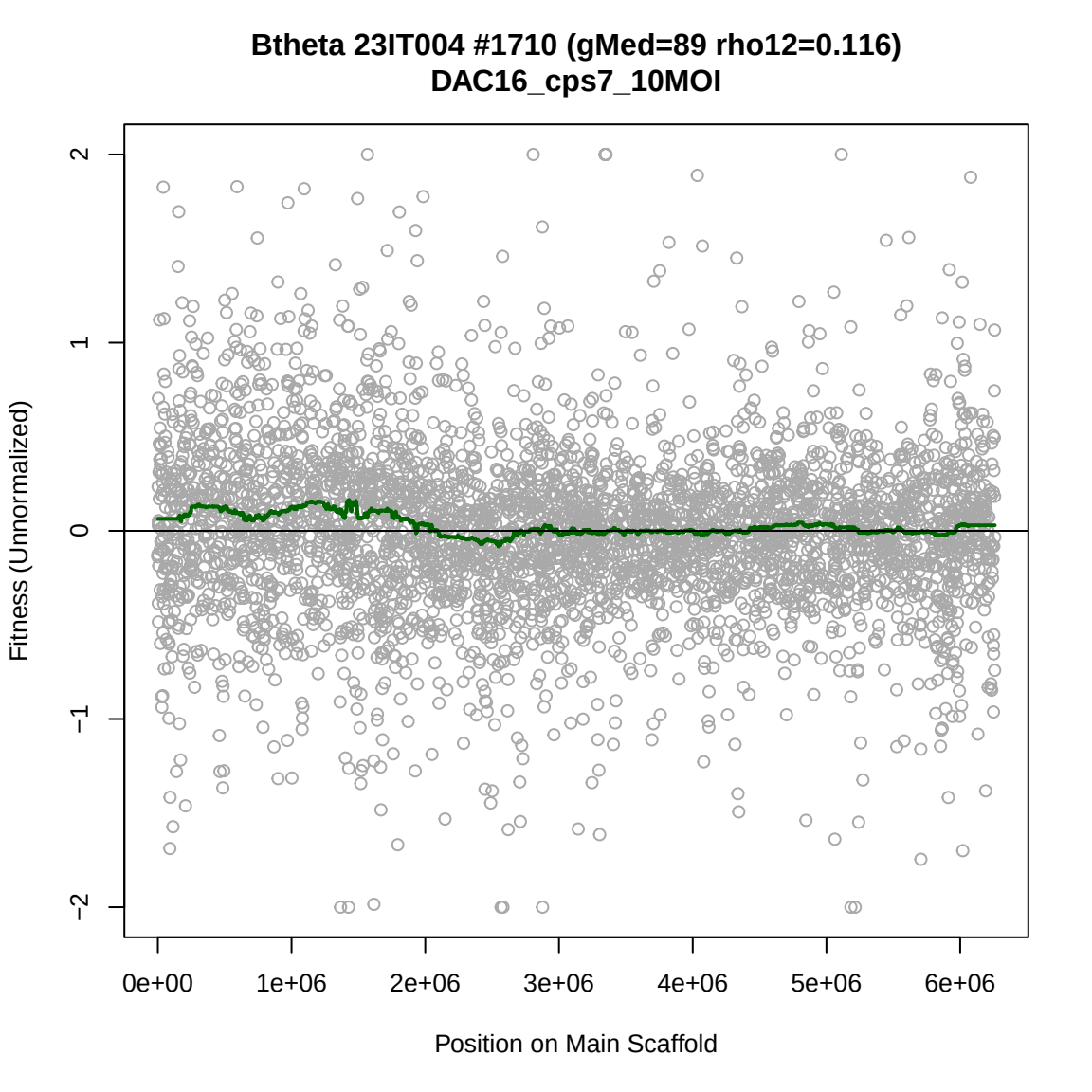

Btheta 22IT086 #1705 (gMed=112 rho12=0.104)
NoPhage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

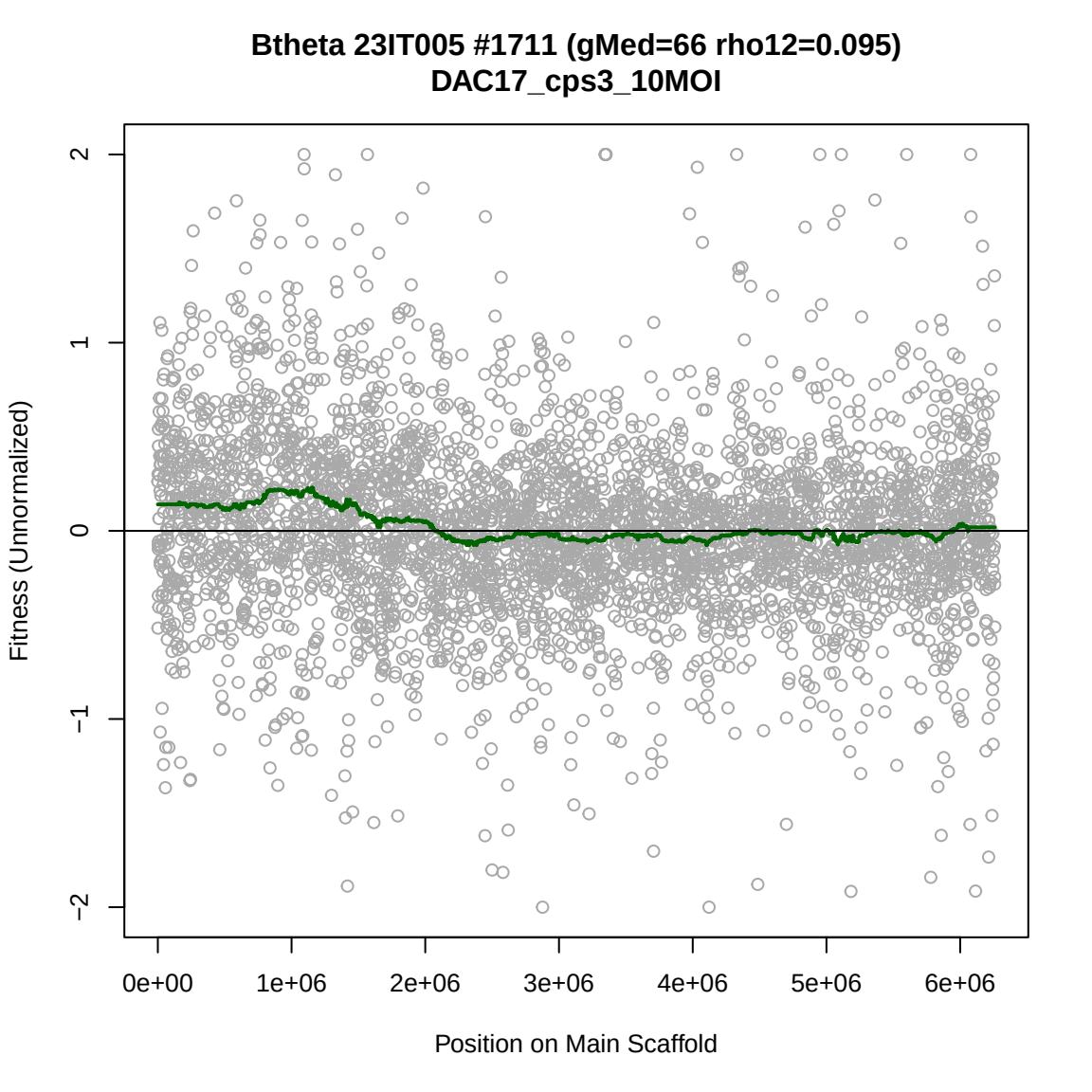

Btheta 22IT087 #1706 (gMed=126 rho12=0.110)
NoPhage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

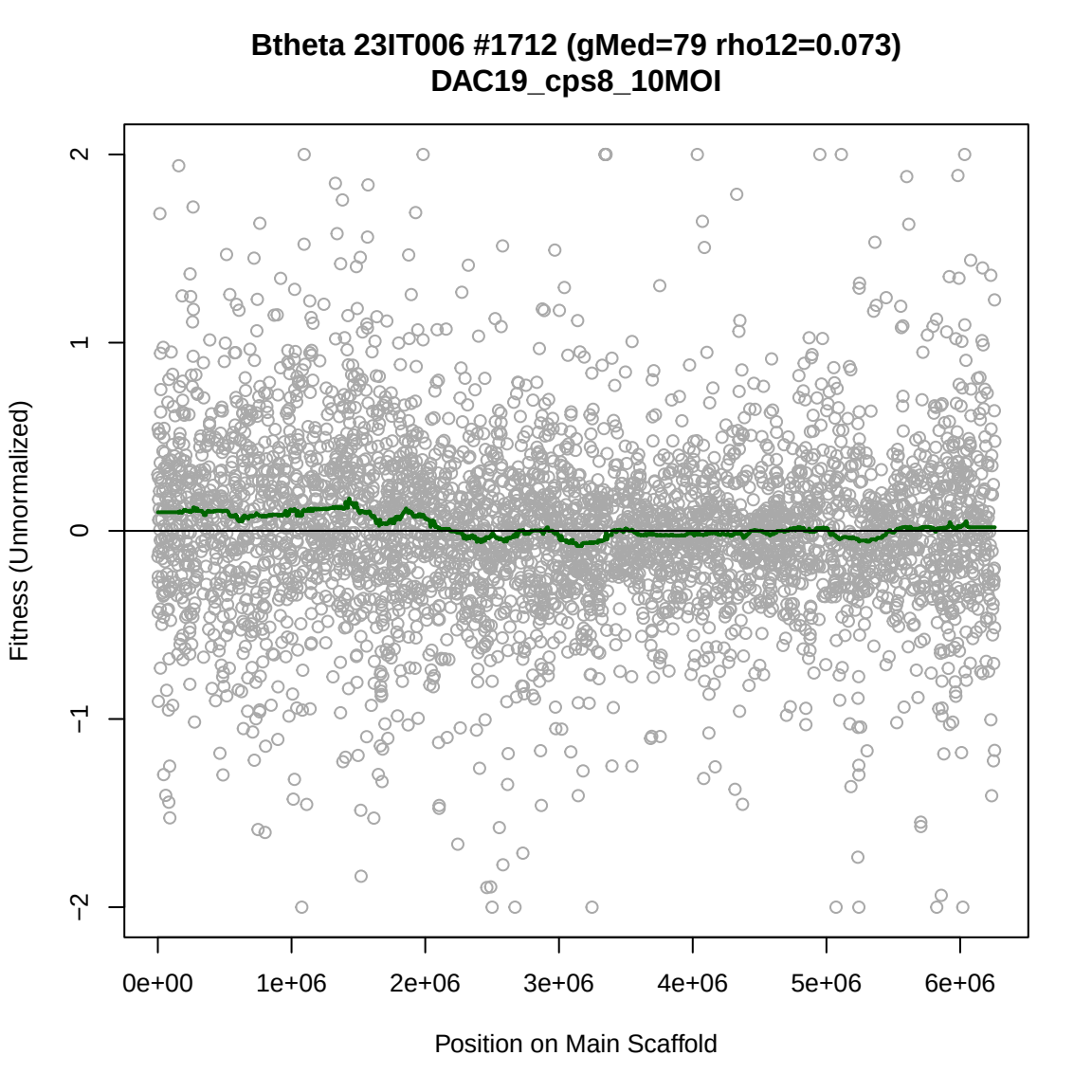

Btheta 23IT001 #1707 (gMed=45 rho12=0.043)
ARB14_cps1_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

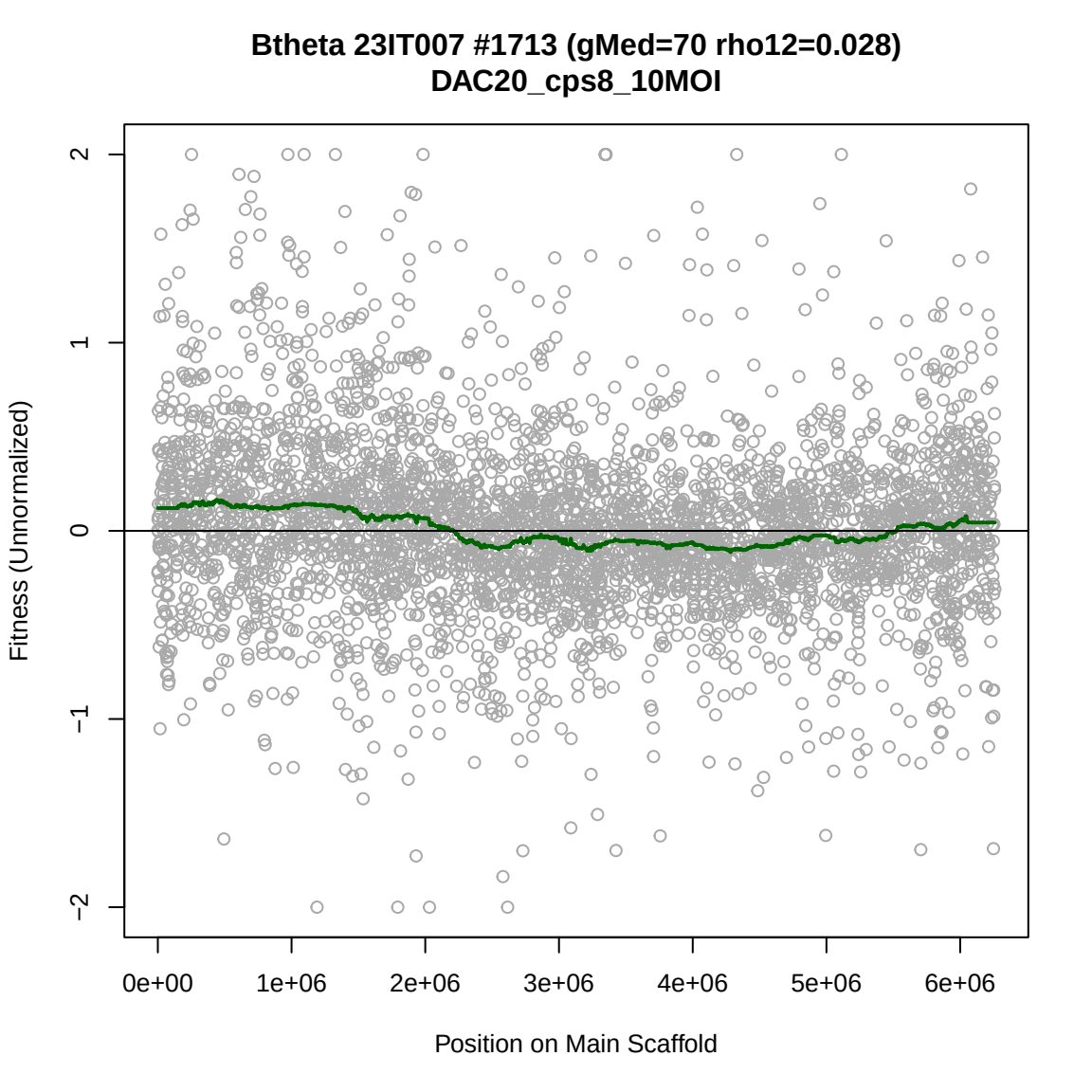

Btheta 23IT002 #1708 (gMed=67 rho12=0.004)
ARB25_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

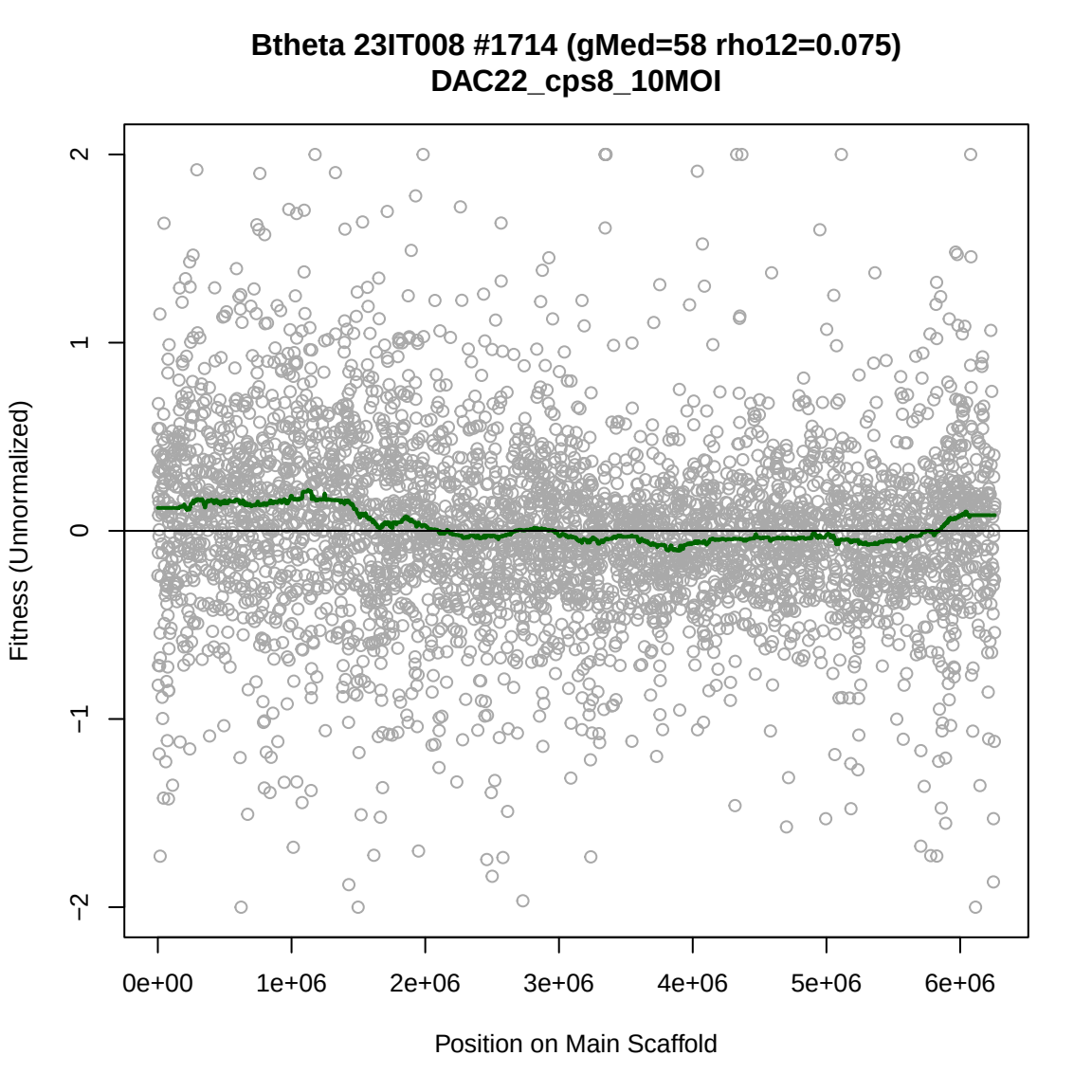

Btheta 23IT003 #1709 (gMed=63 rho12=0.071)
DAC15 _cps3_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

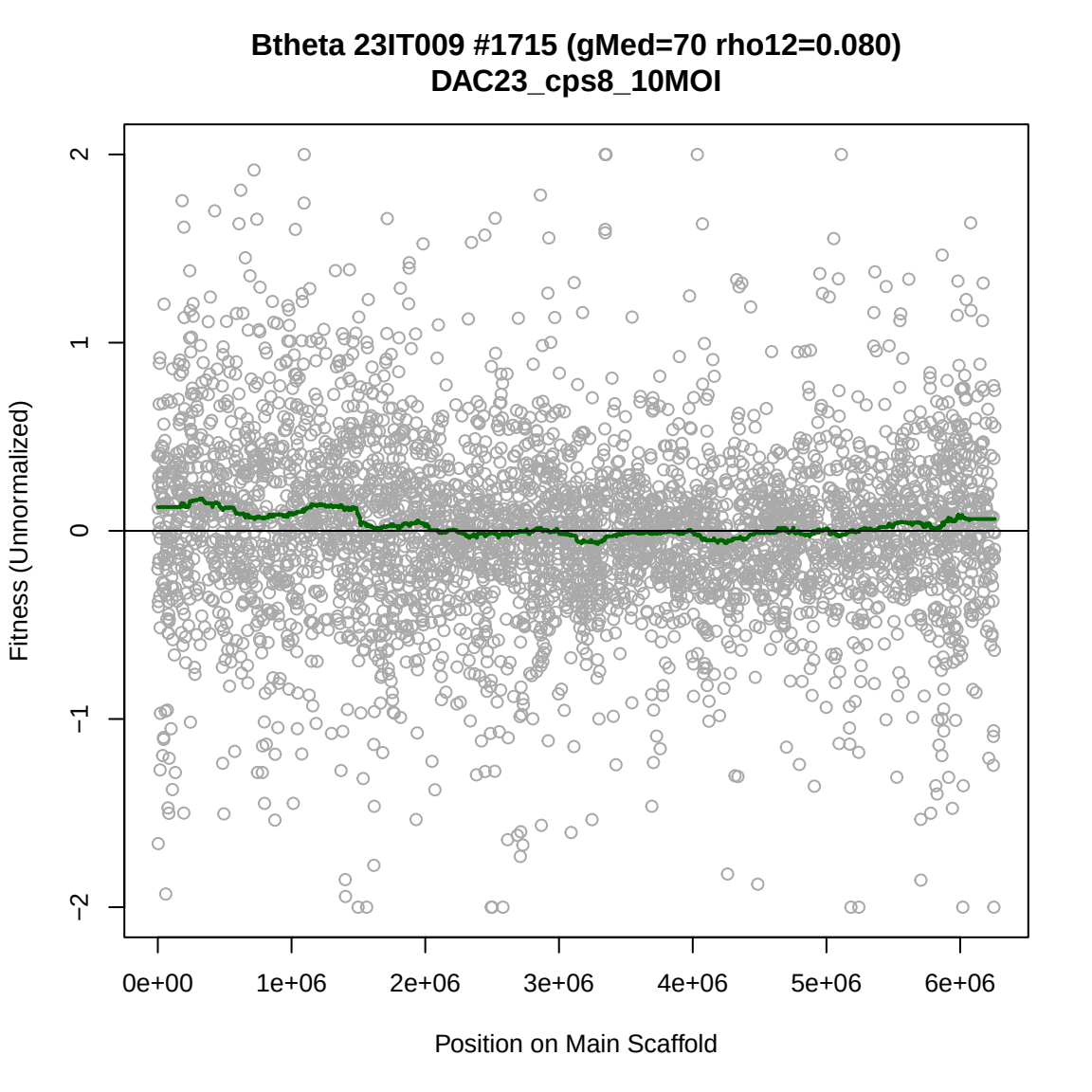

Btheta 23IT004 #1710 (gMed=89 rho12=0.116)
DAC16_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

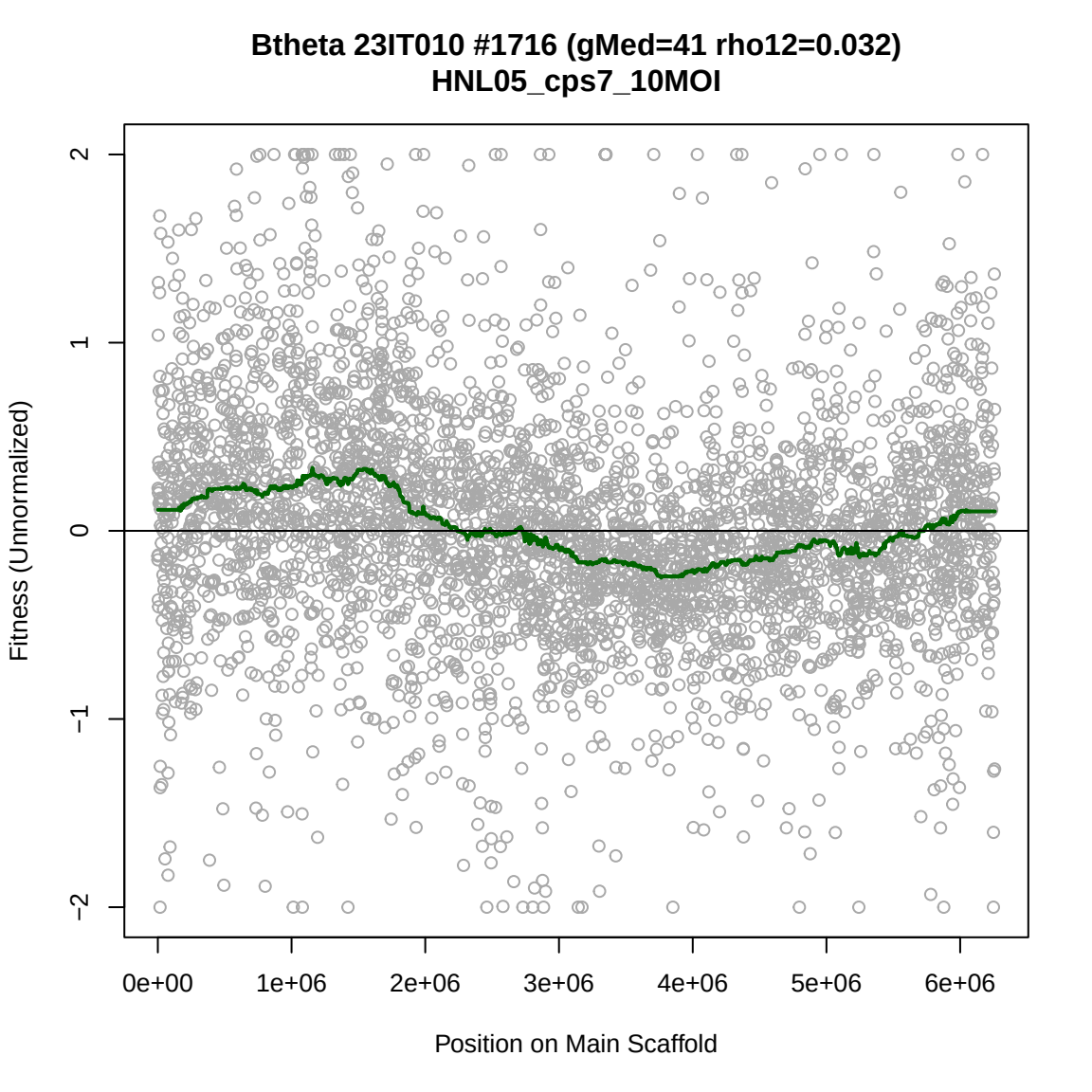

Btheta 23IT005 #1711 (gMed=66 rho12=0.095)
DAC17_cps3_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

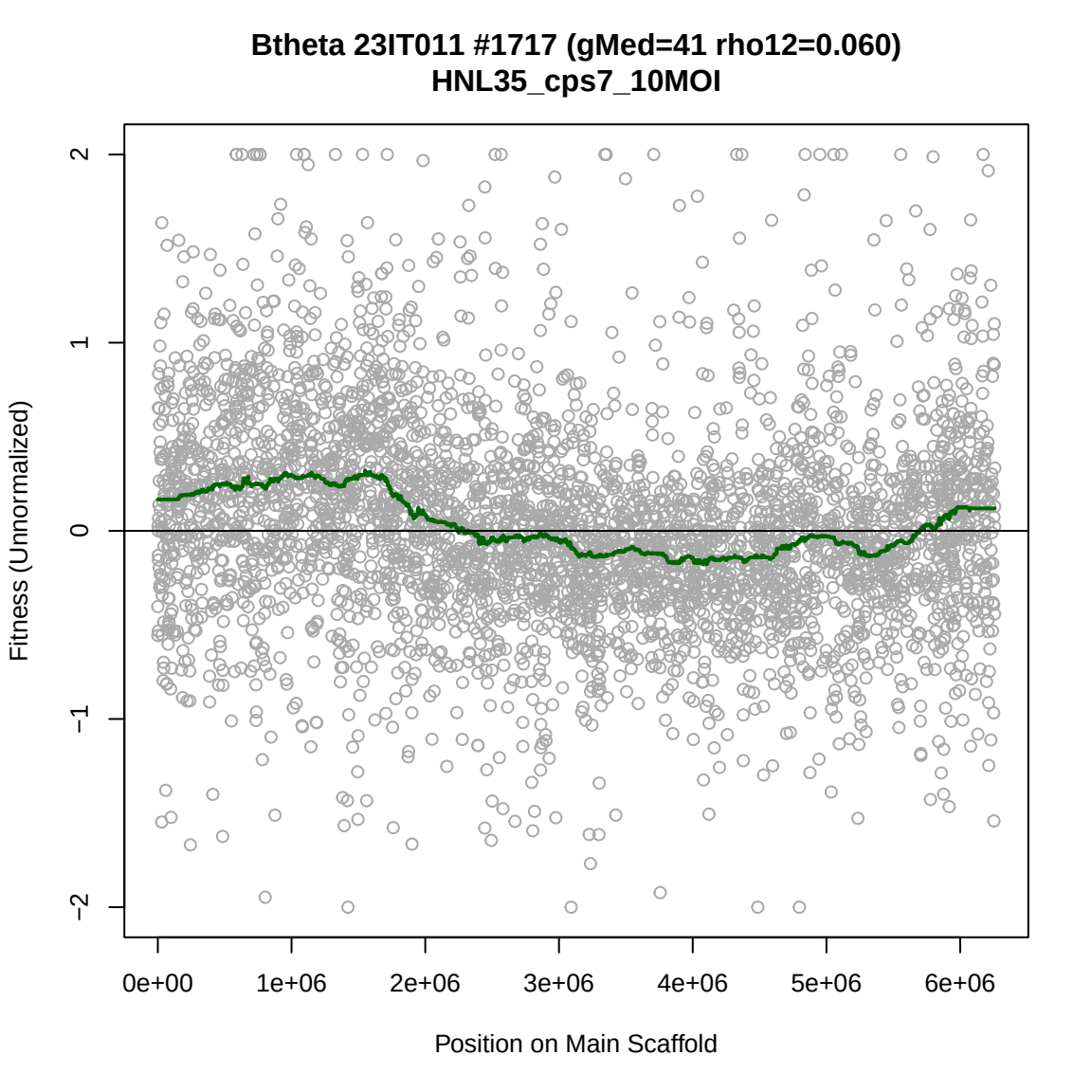

Btheta 23IT006 #1712 (gMed=79 rho12=0.073)
DAC19_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

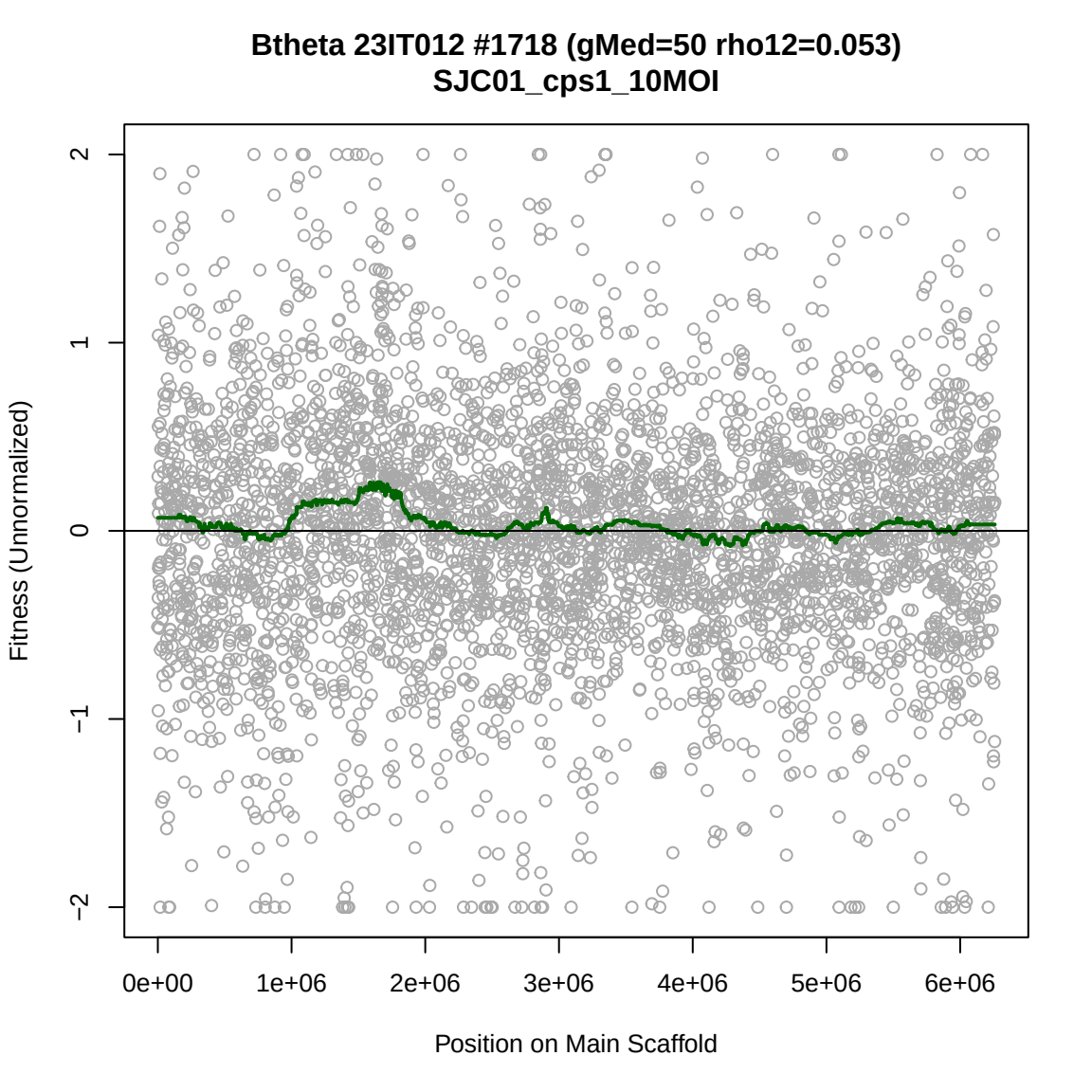

Btheta 23IT007 #1713 (gMed=70 rho12=0.028)
DAC20_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

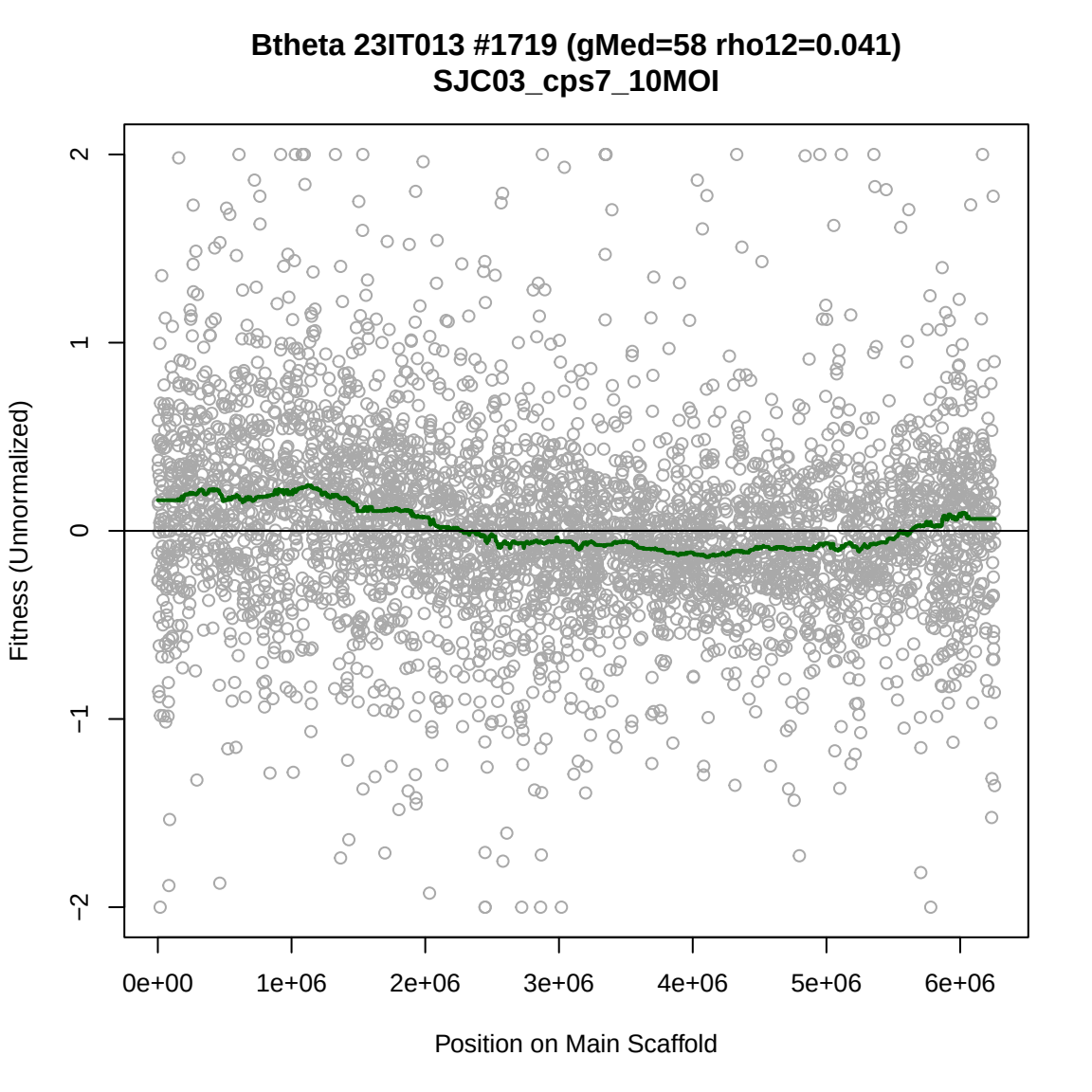

Btheta 23IT008 #1714 (gMed=58 rho12=0.075)
DAC22_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

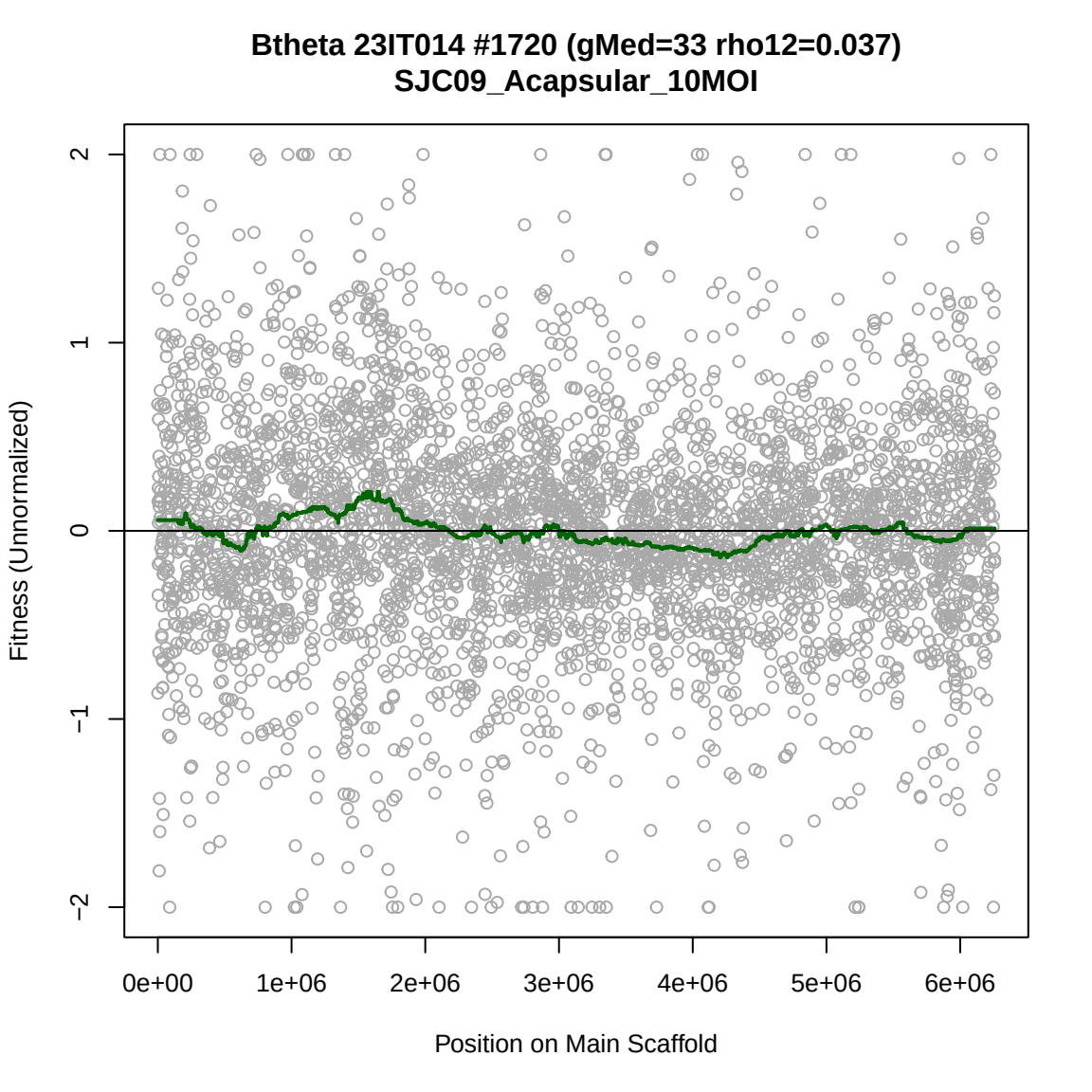

Btheta 23IT009 #1715 (gMed=70 rho12=0.080)
DAC23_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

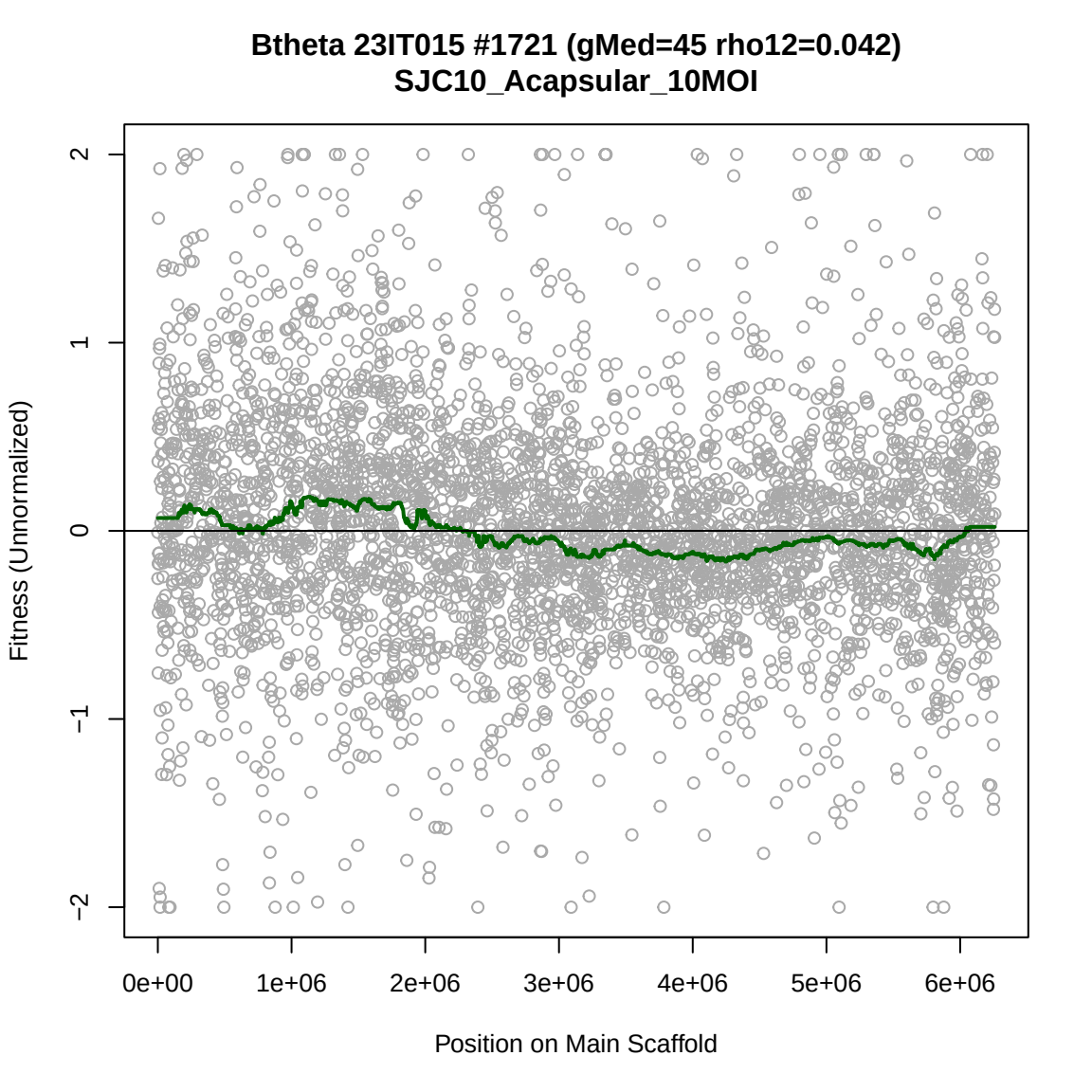

Btheta 23IT010 #1716 (gMed=41 rho12=0.032)
HNL05_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

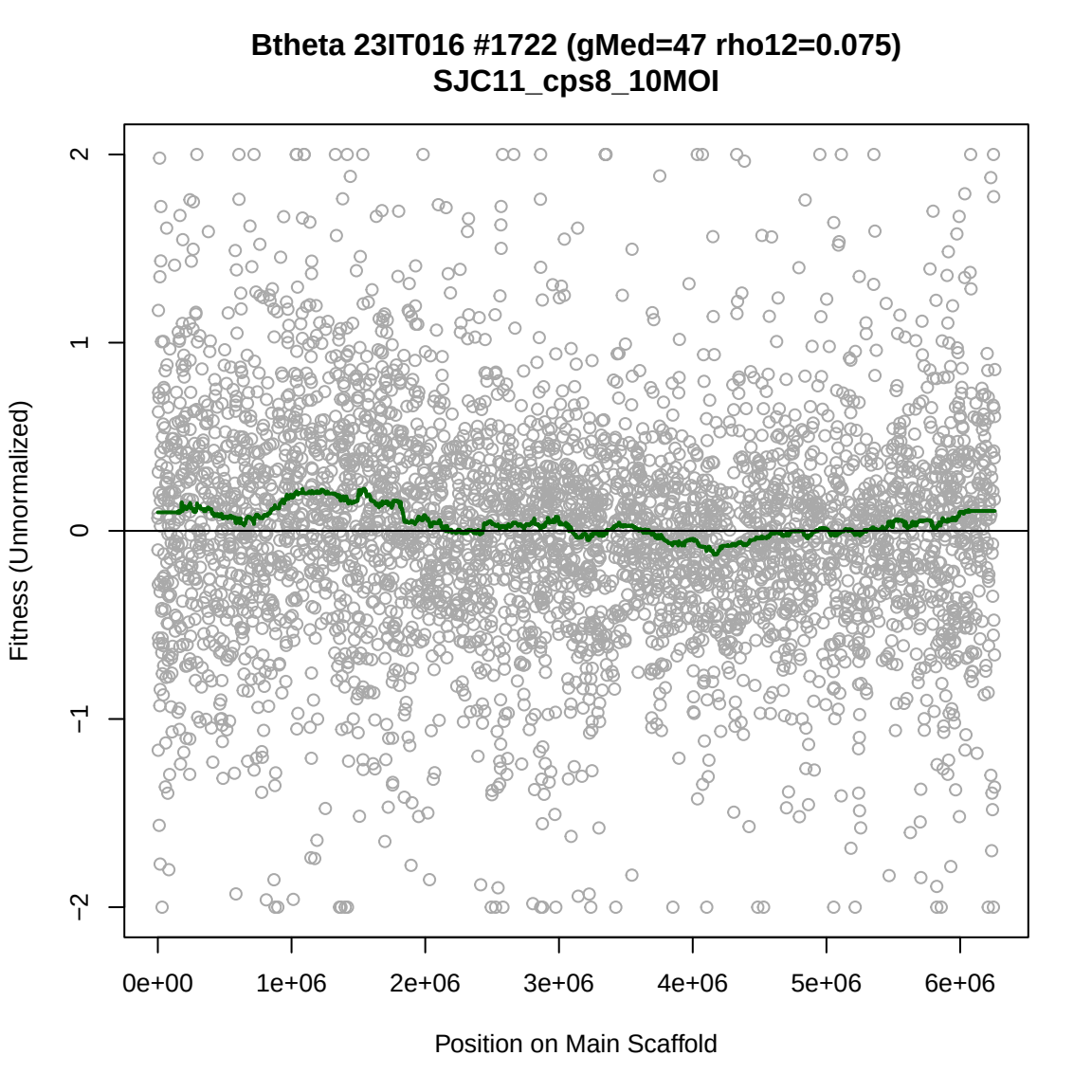

Btheta 23IT011 #1717 (gMed=41 rho12=0.060)
HNL35_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

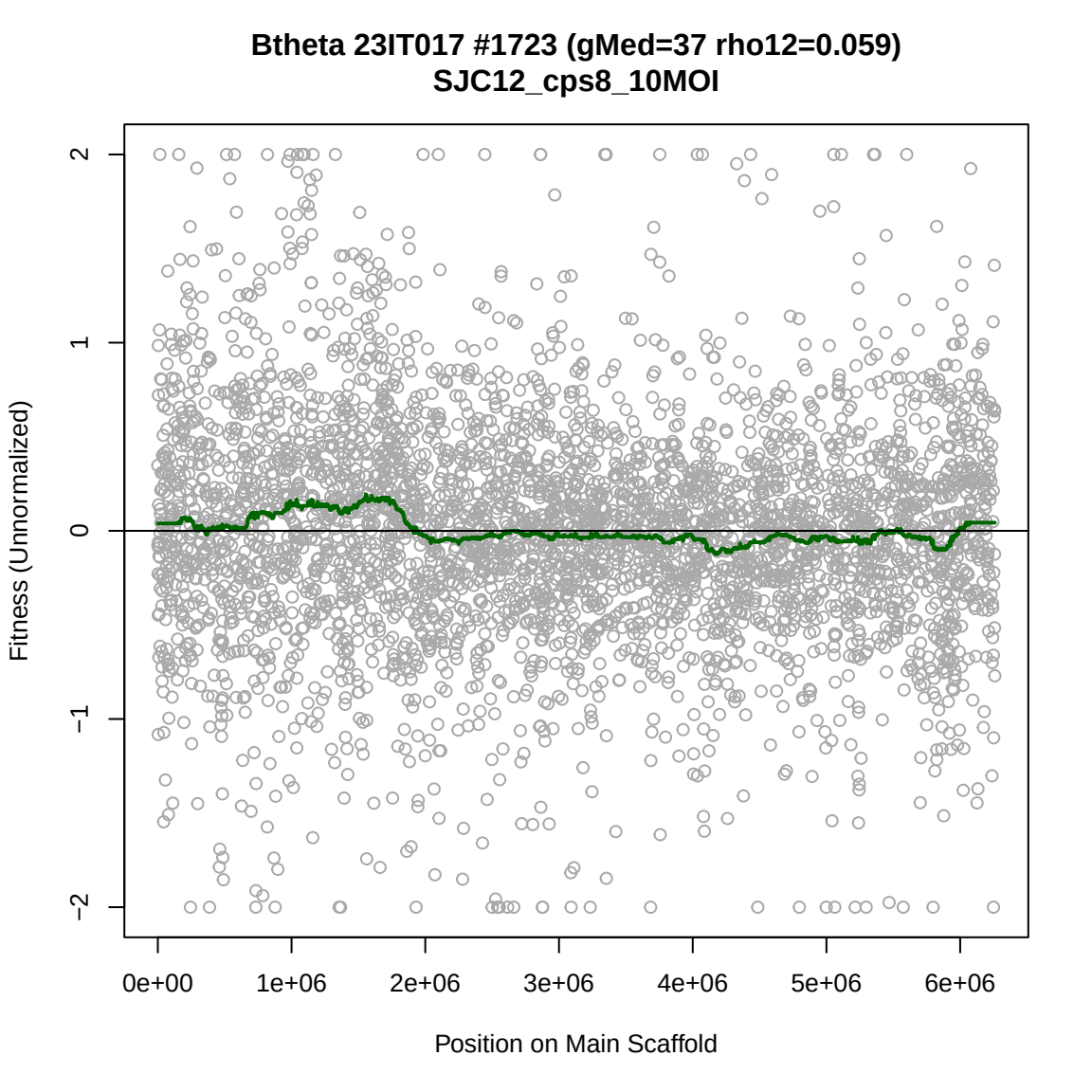

Btheta 23IT012 #1718 (gMed=50 rho12=0.053)
SJC01_cps1_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

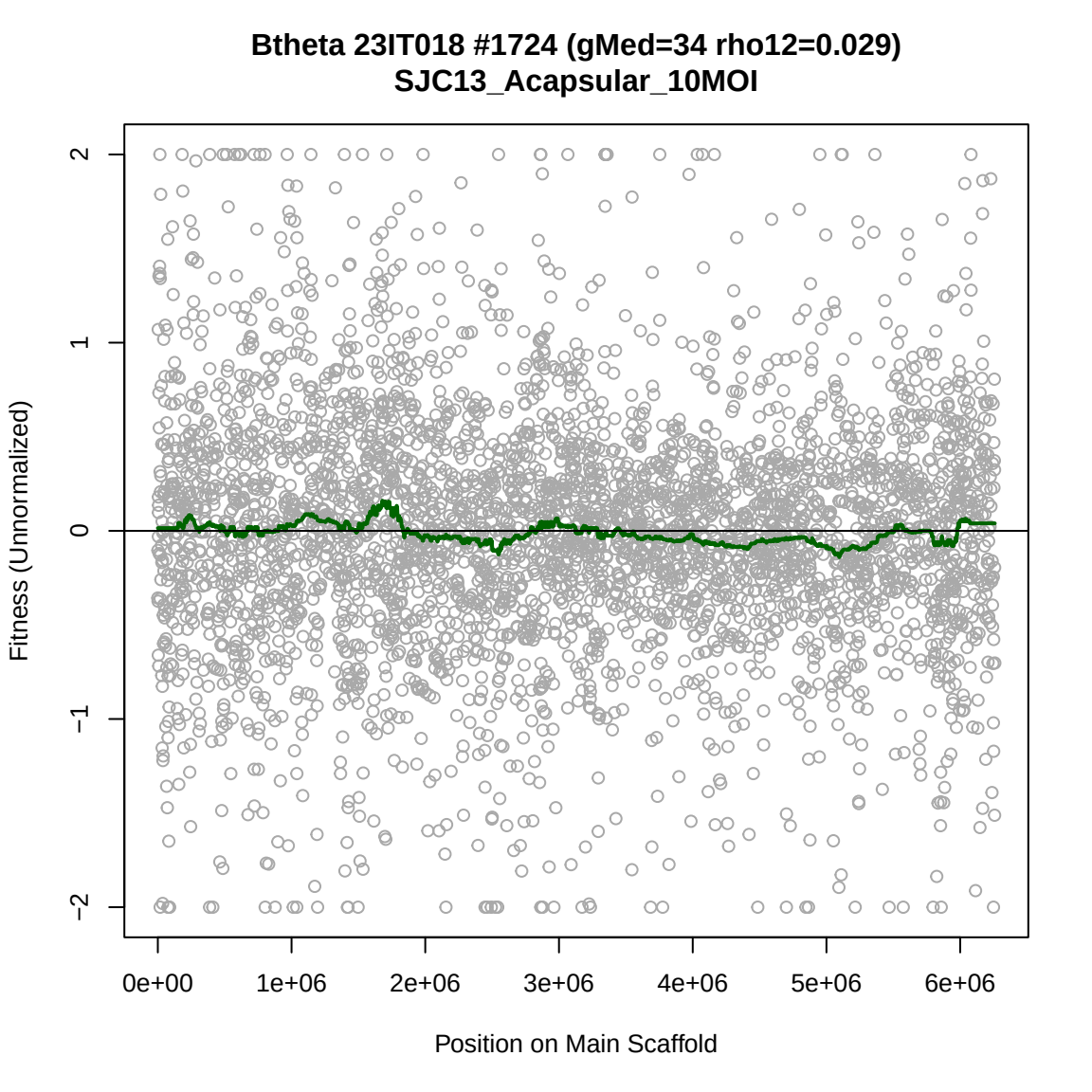

Btheta 23IT013 #1719 (gMed=58 rho12=0.041)
SJC03_cps7_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

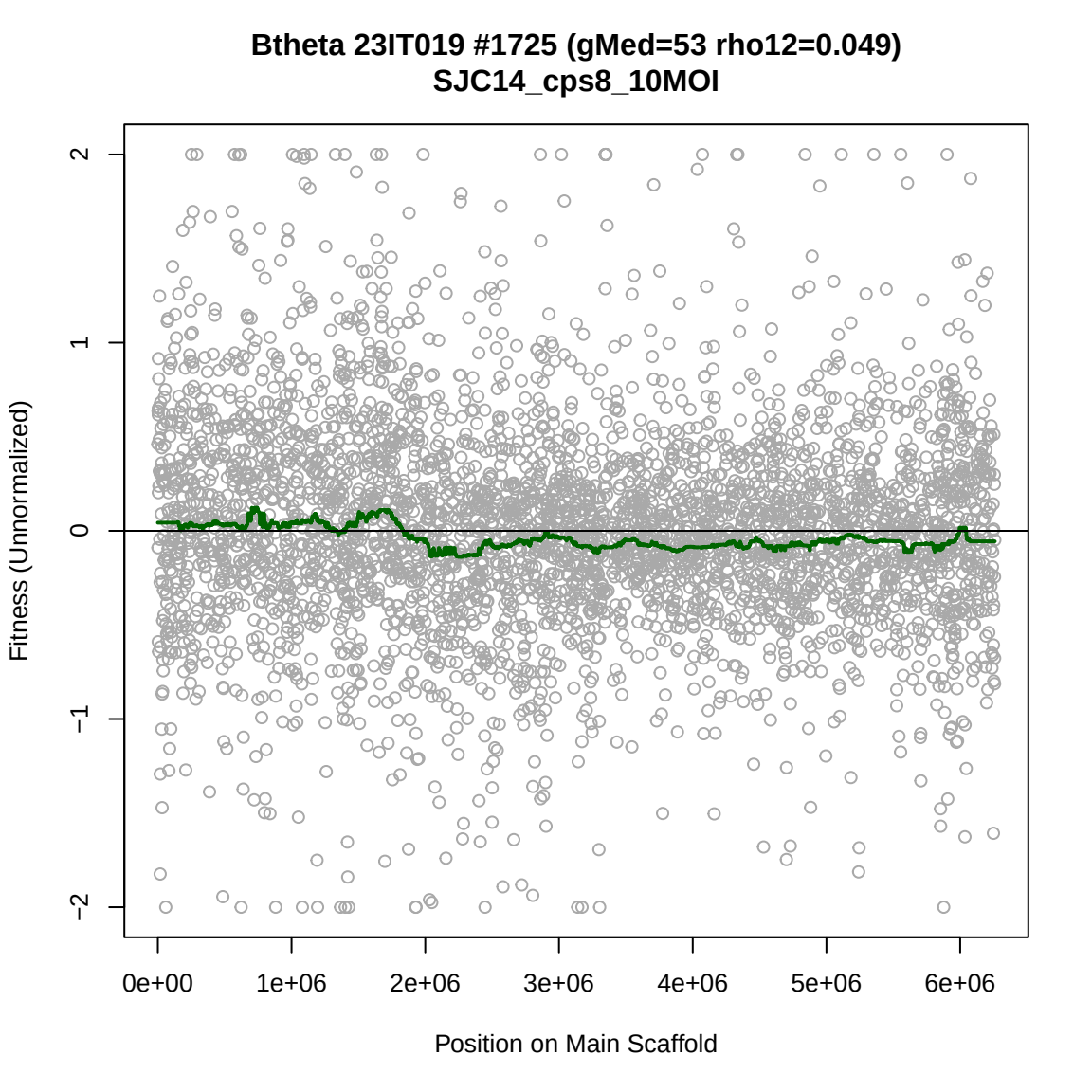

Btheta 23IT014 #1720 (gMed=33 rho12=0.037)
SJC09_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

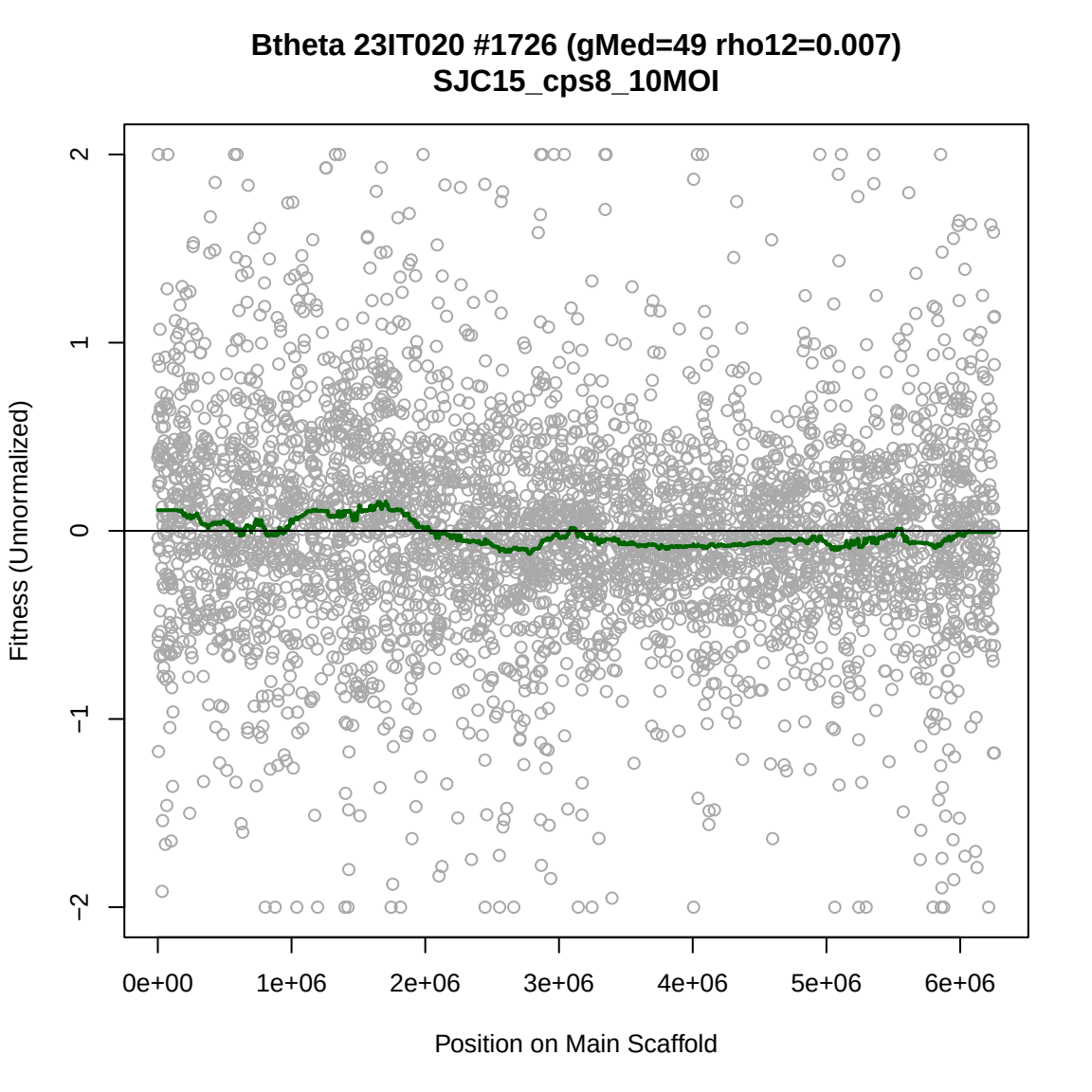

Btheta 23IT015 #1721 (gMed=45 rho12=0.042)
SJC10_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

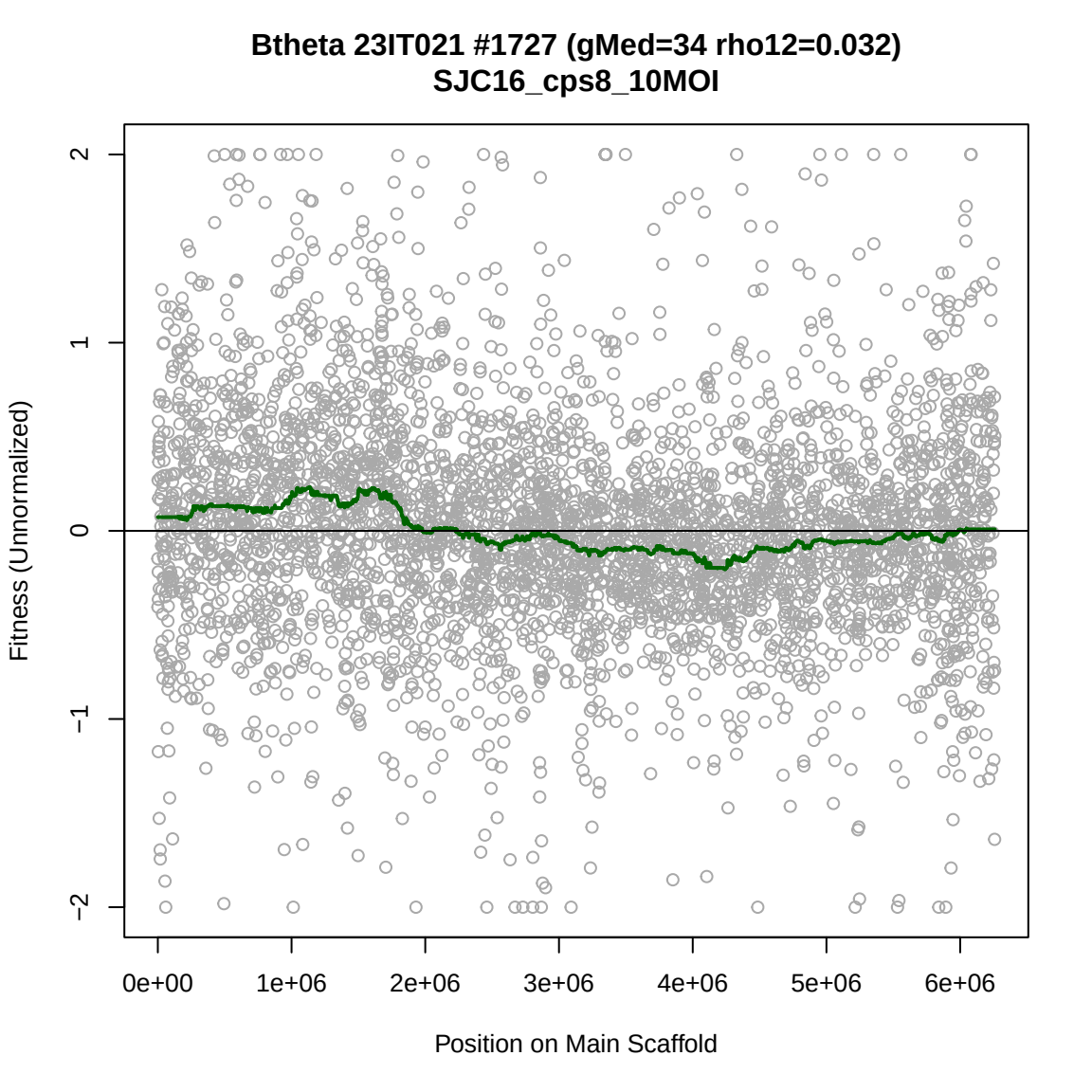

Btheta 23IT016 #1722 (gMed=47 rho12=0.075)
SJC11_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

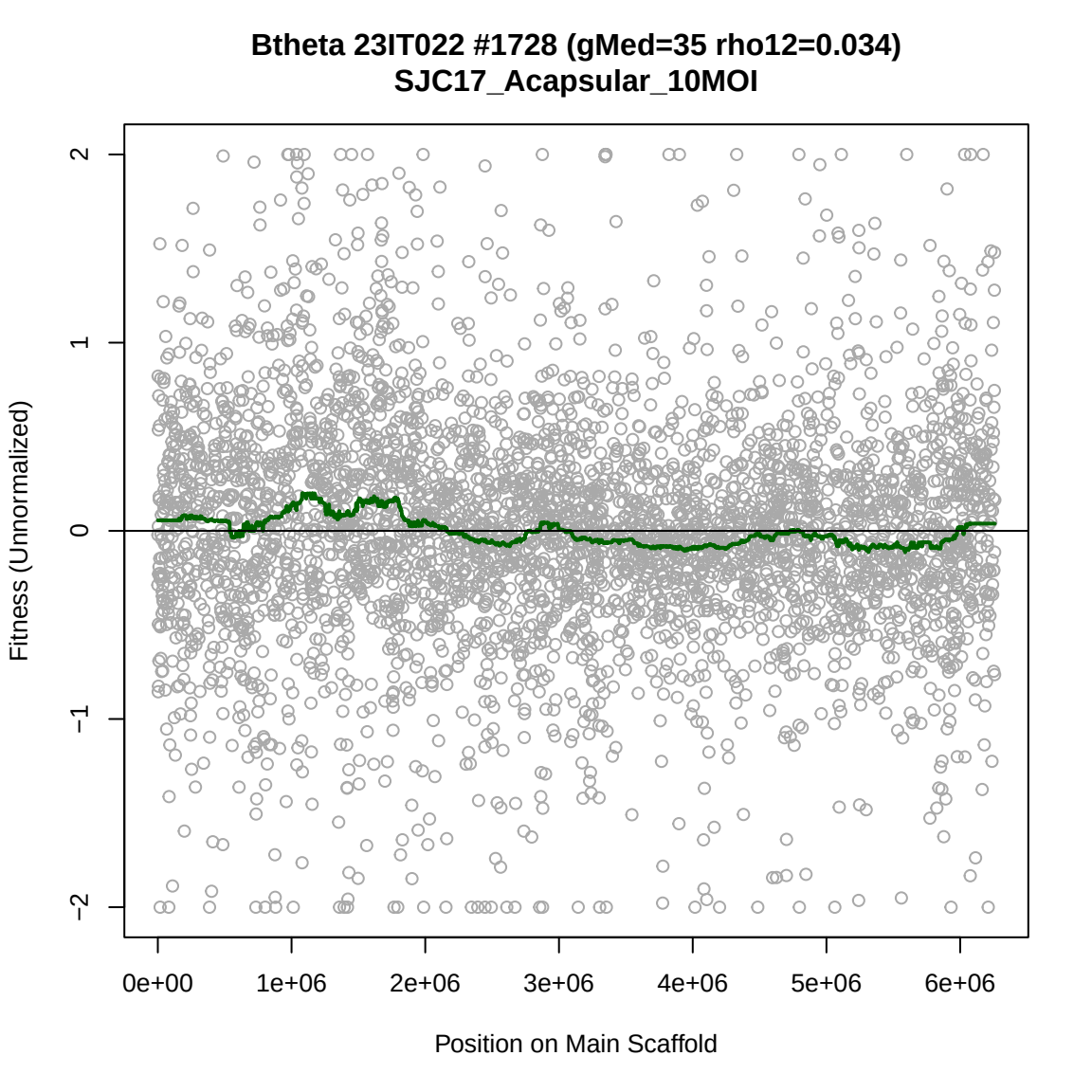

Btheta 23IT017 #1723 (gMed=37 rho12=0.059)
SJC12_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

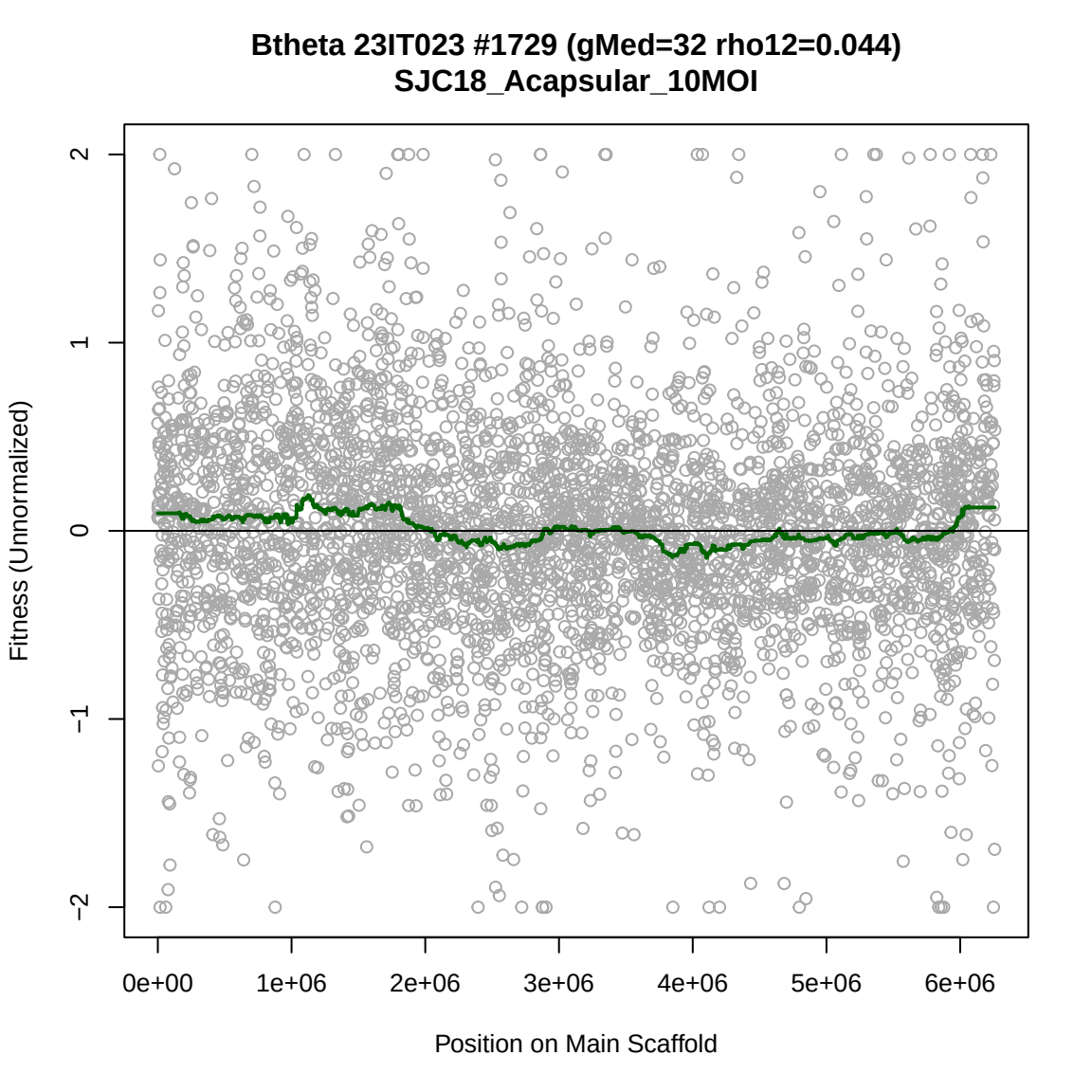

Btheta 23IT018 #1724 (gMed=34 rho12=0.029)
SJC13_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

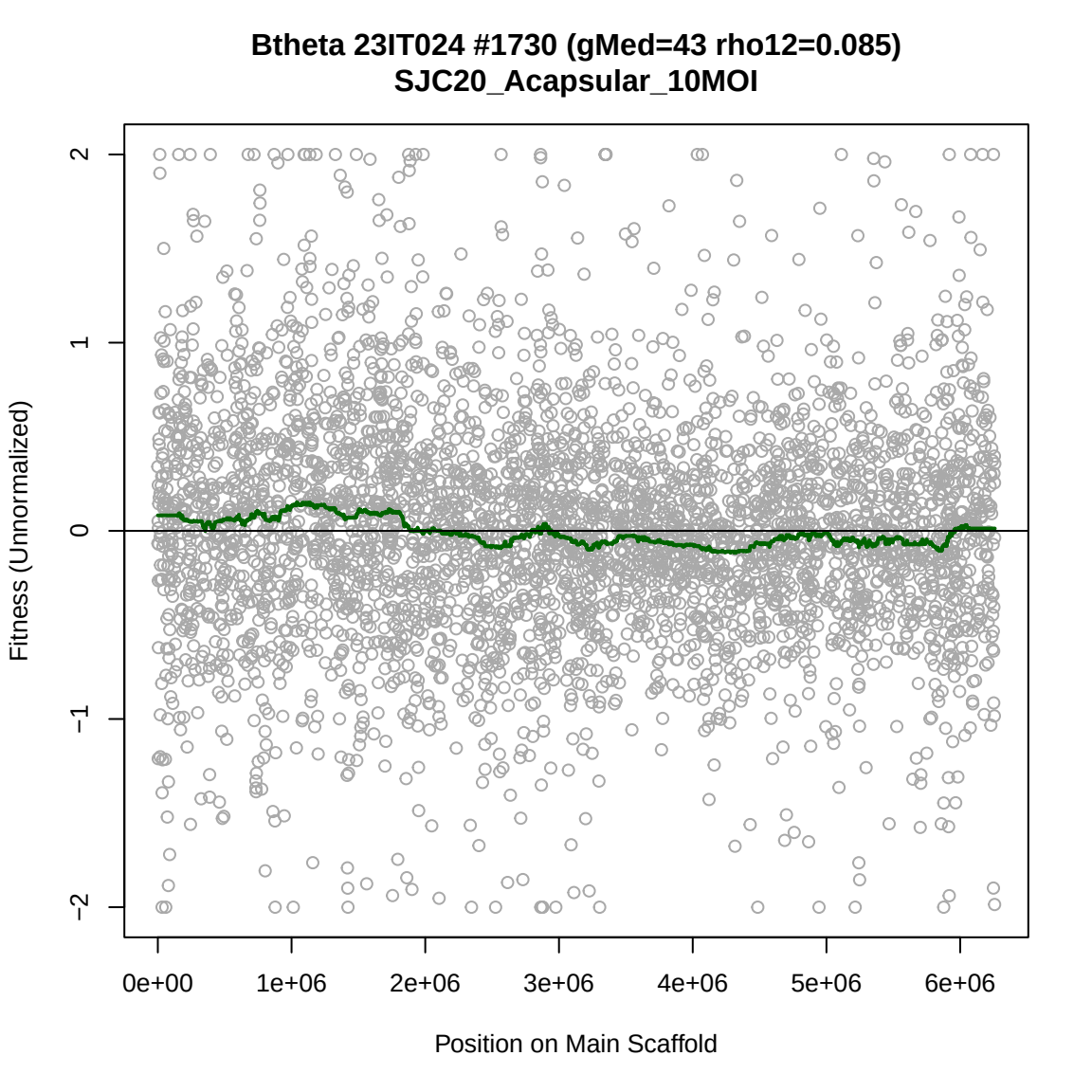

Btheta 23IT019 #1725 (gMed=53 rho12=0.049)
SJC14_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

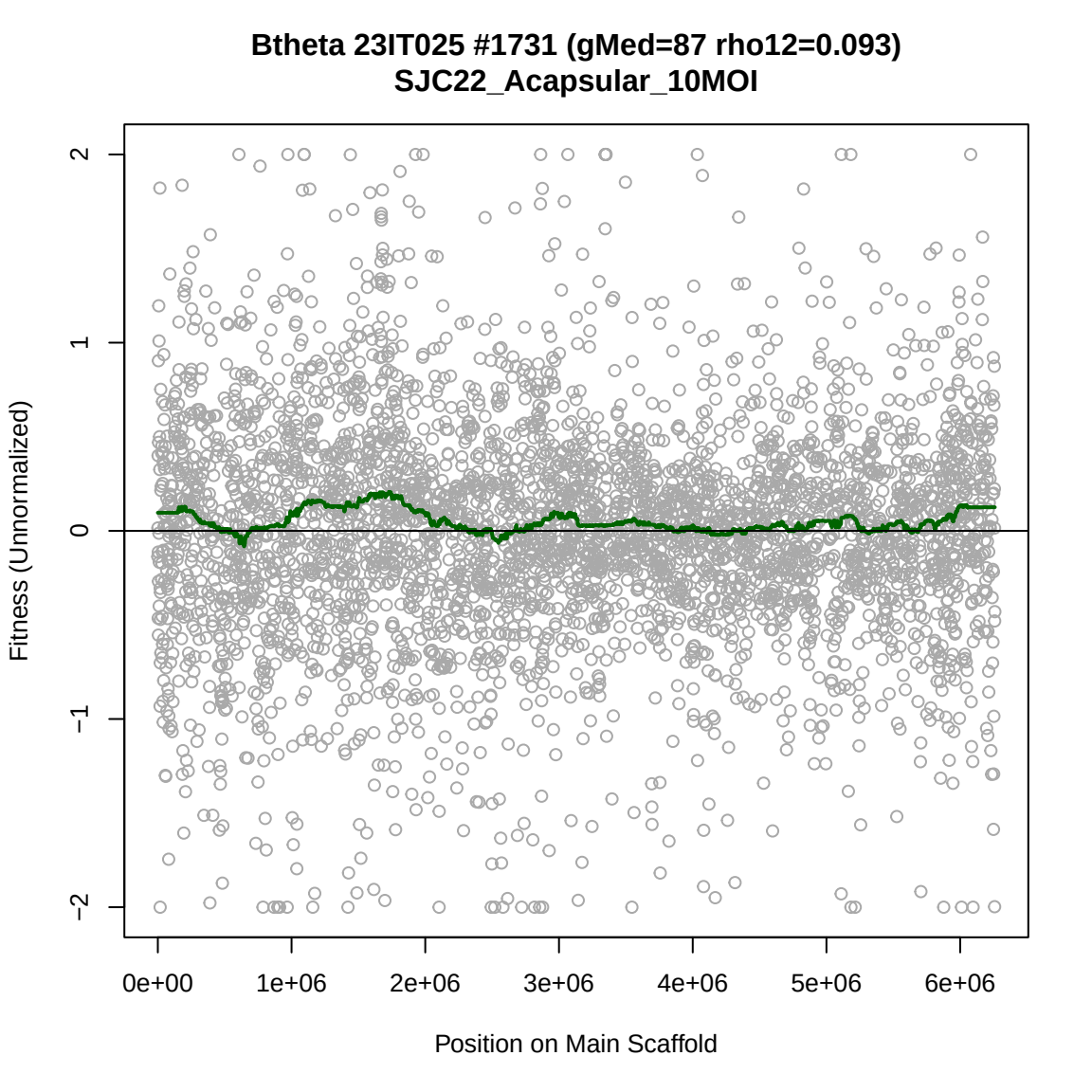

Btheta 23IT020 #1726 (gMed=49 rho12=0.007)
SJC15_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

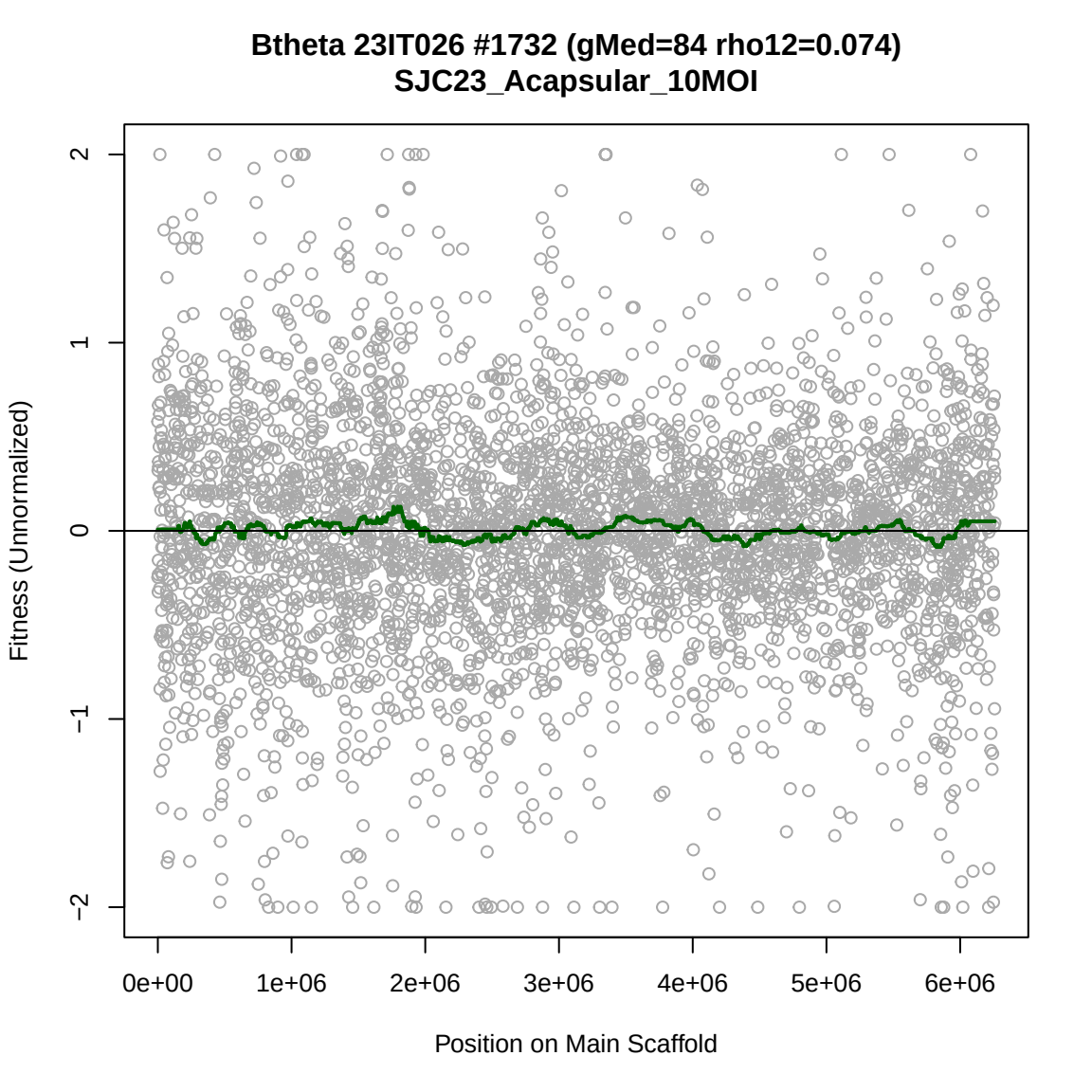

Btheta 23IT021 #1727 (gMed=34 rho12=0.032)
SJC16_cps8_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

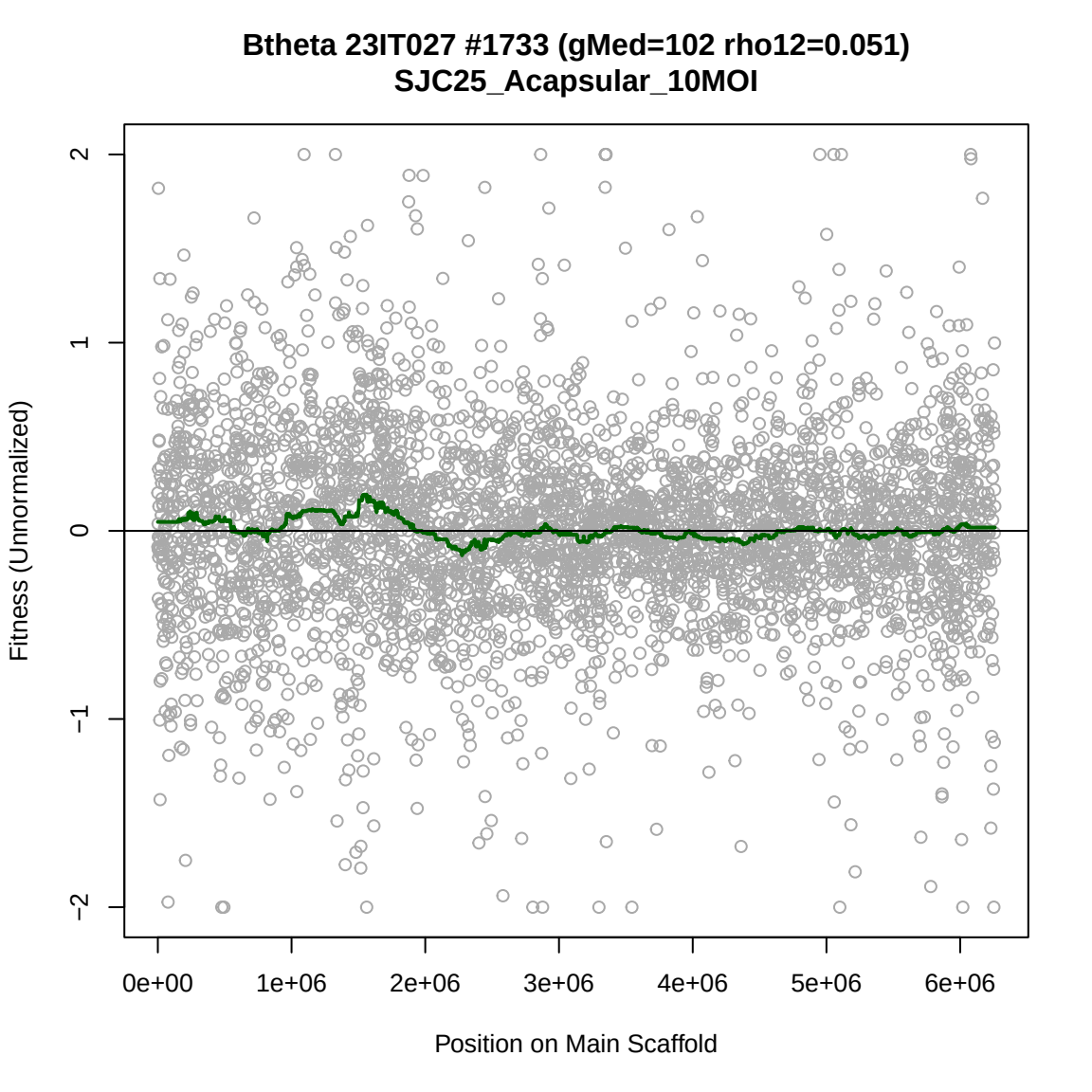

Btheta 23IT022 #1728 (gMed=35 rho12=0.034)
SJC17_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

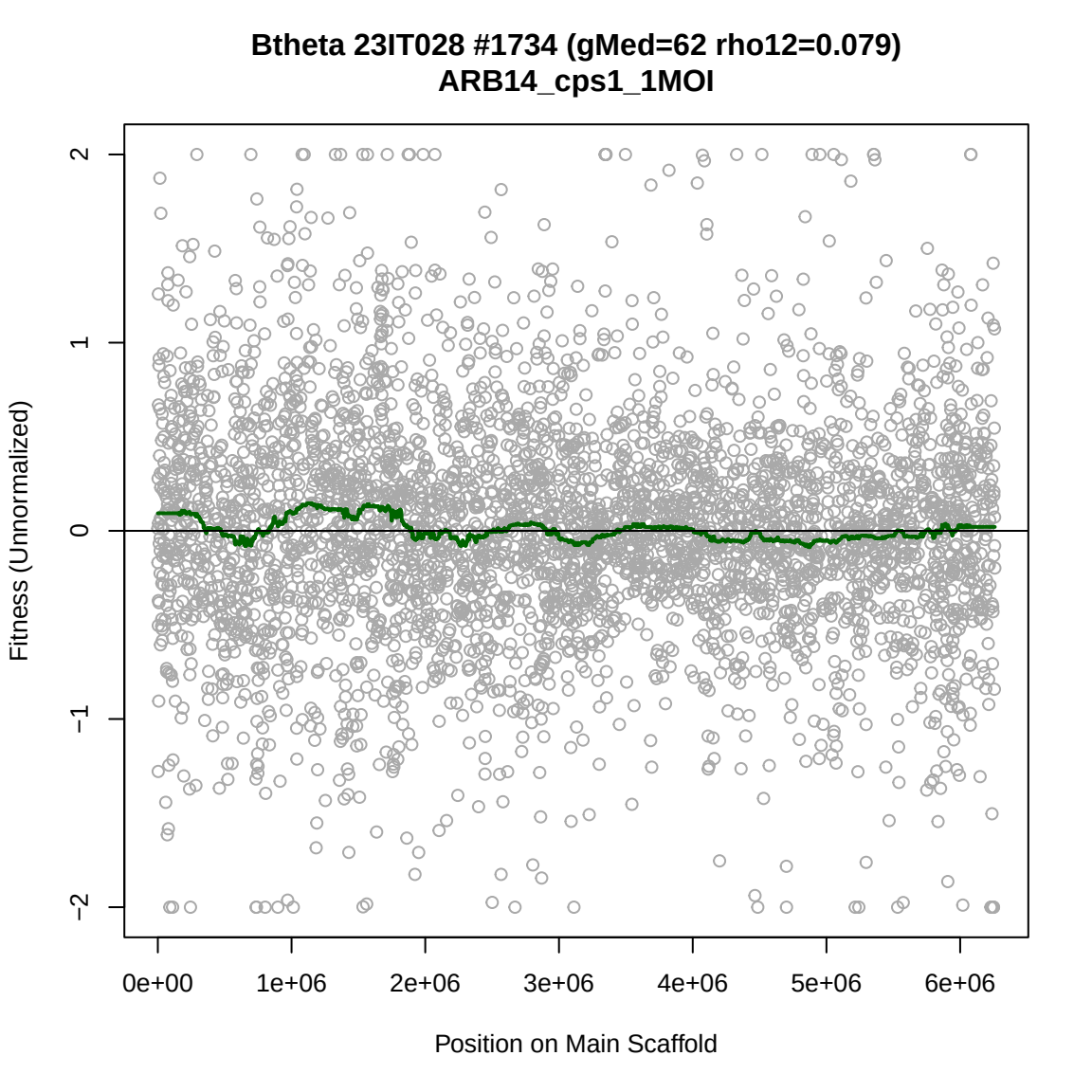

Btheta 23IT023 #1729 (gMed=32 rho12=0.044)
SJC18_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

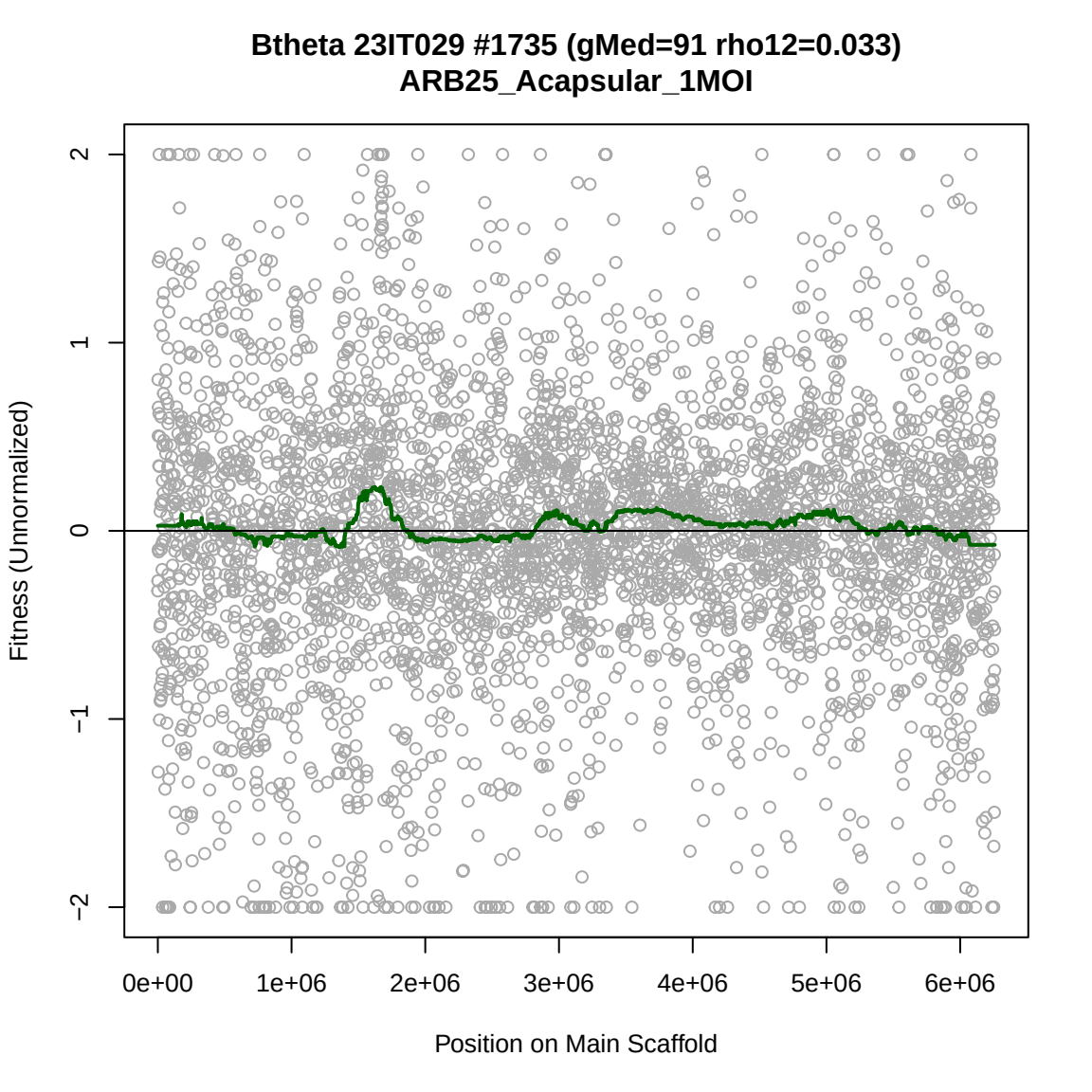

Btheta 23IT024 #1730 (gMed=43 rho12=0.085)
SJC20_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

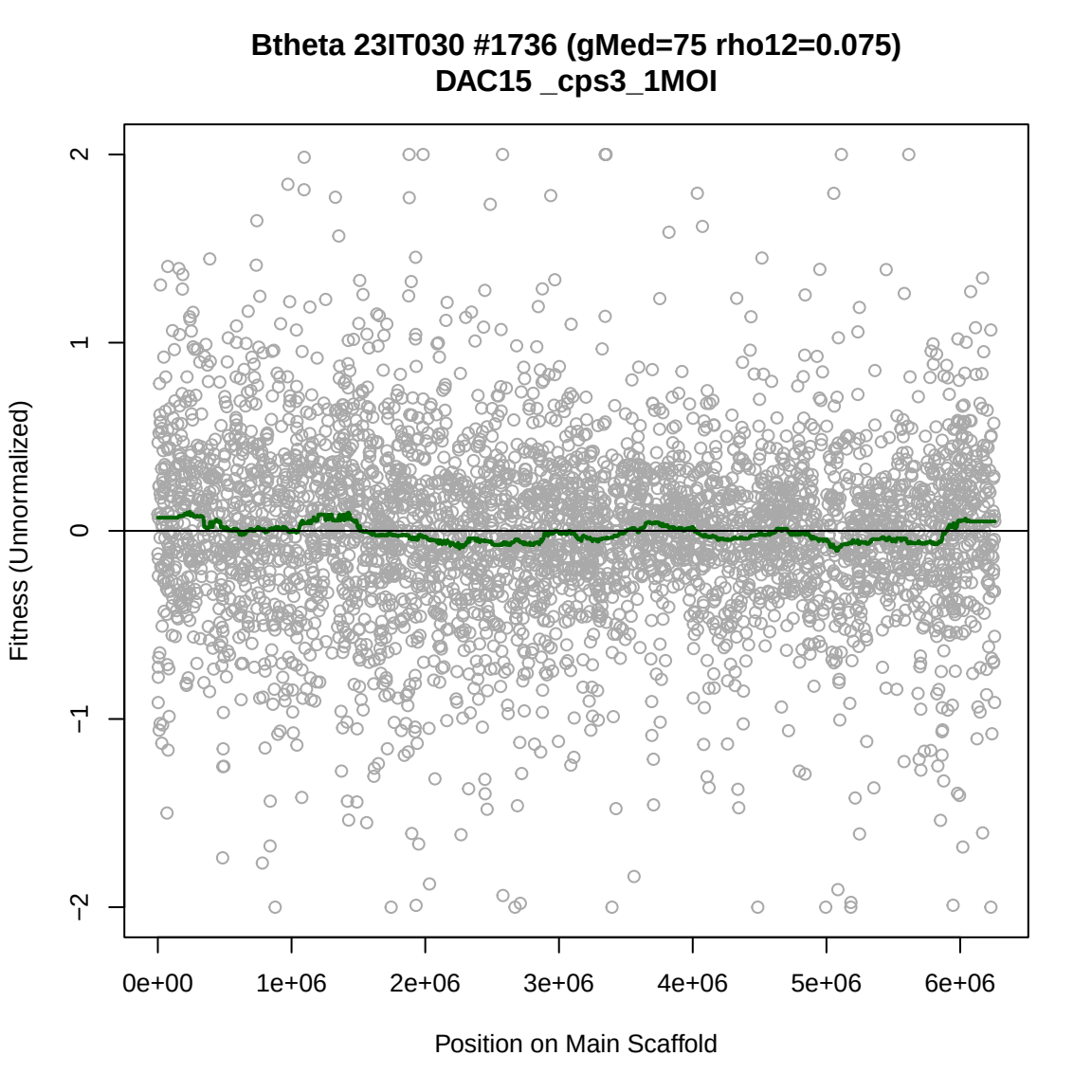

Btheta 23IT025 #1731 (gMed=87 rho12=0.093)
SJC22_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

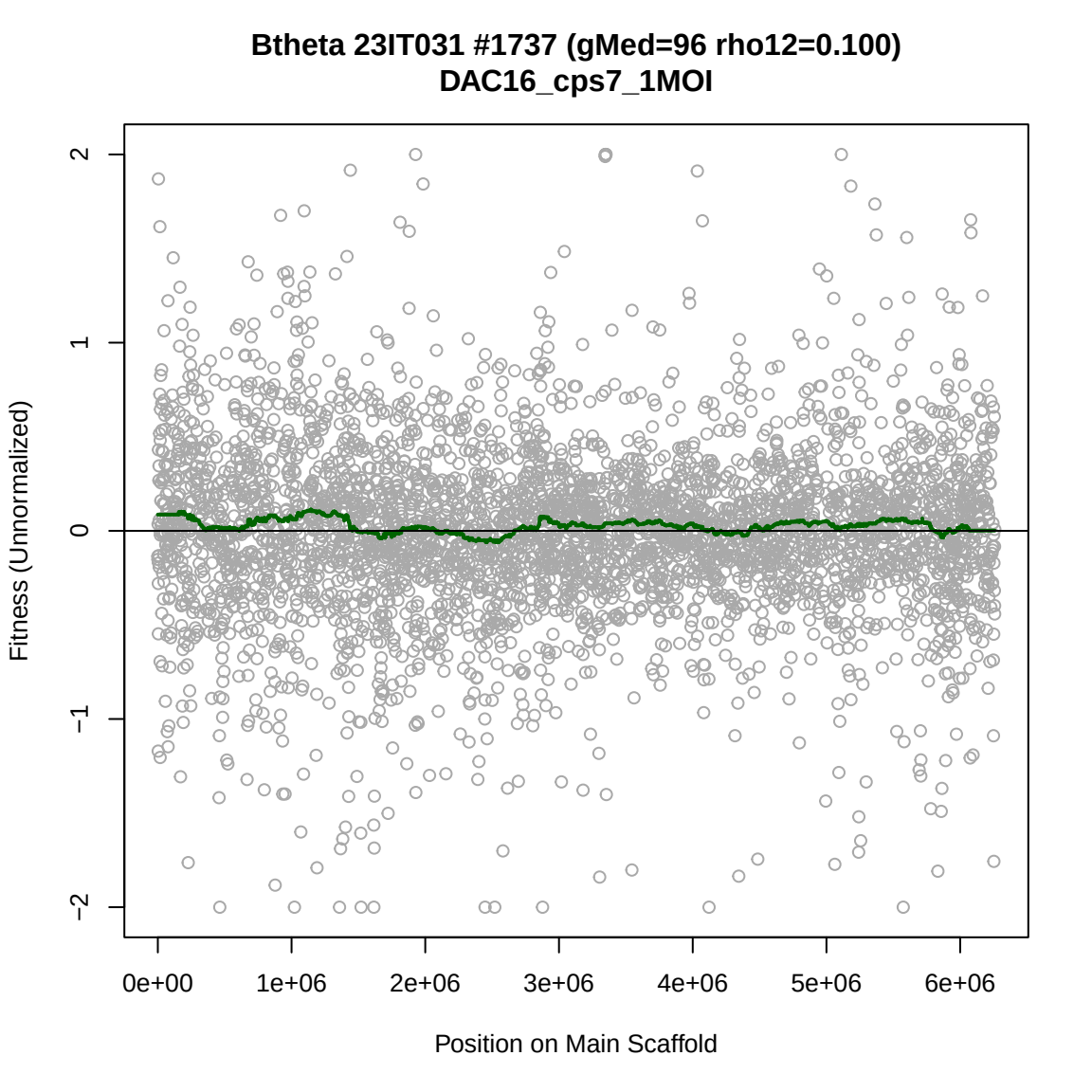

Btheta 23IT026 #1732 (gMed=84 rho12=0.074)
SJC23_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

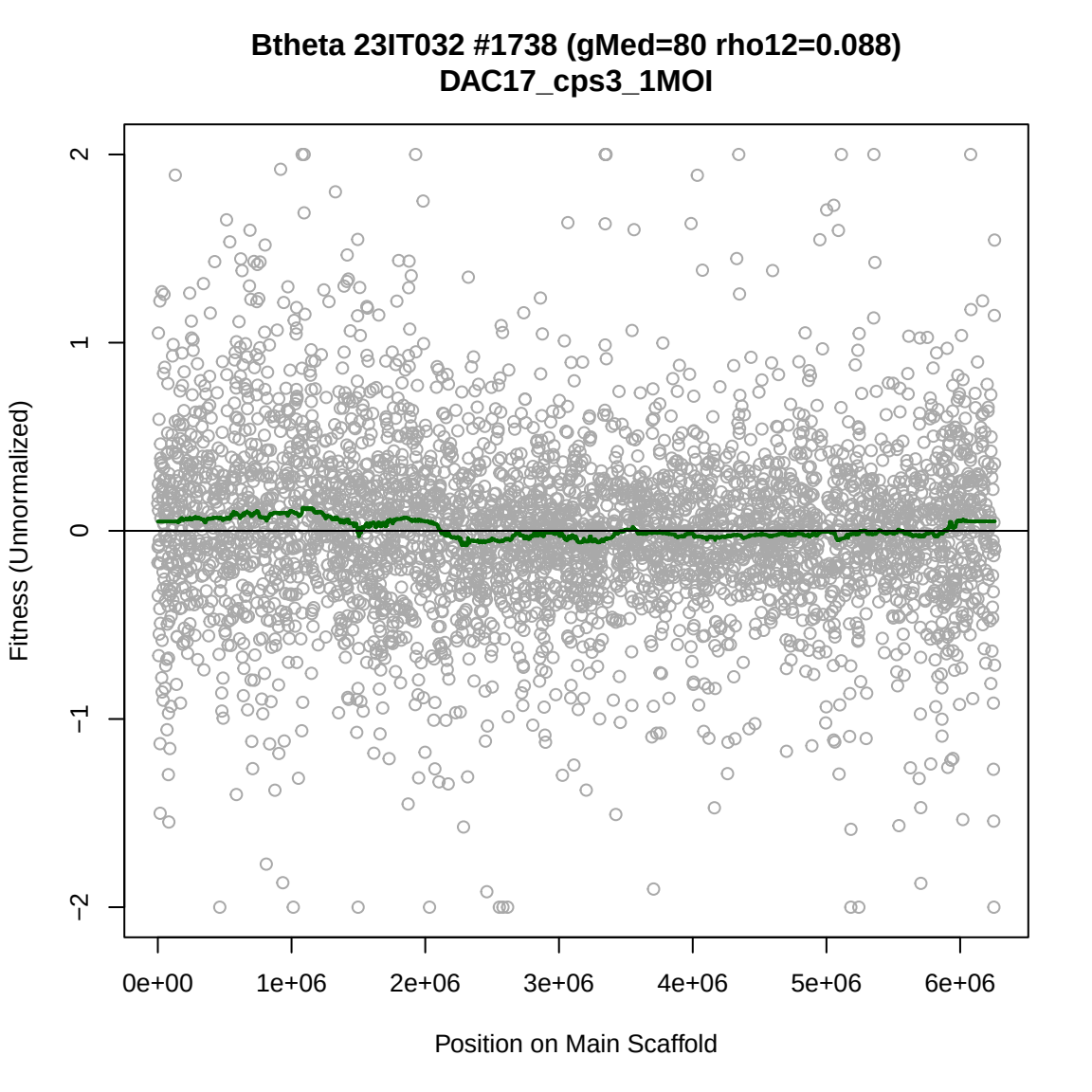

Btheta 23IT027 #1733 (gMed=102 rho12=0.051)
SJC25_Acapsular_10MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

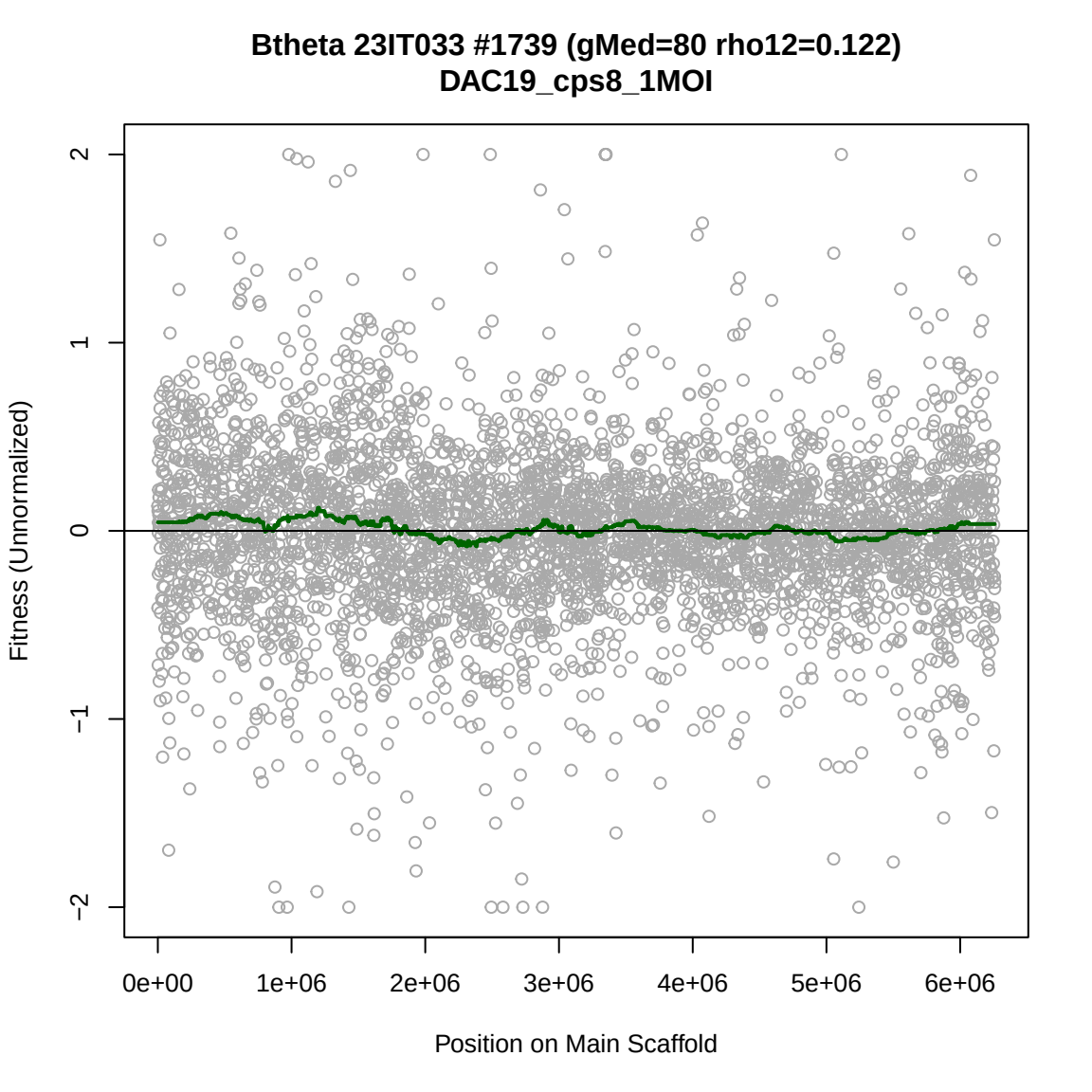

Btheta 23IT028 #1734 (gMed=62 rho12=0.079)
ARB14_cps1_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

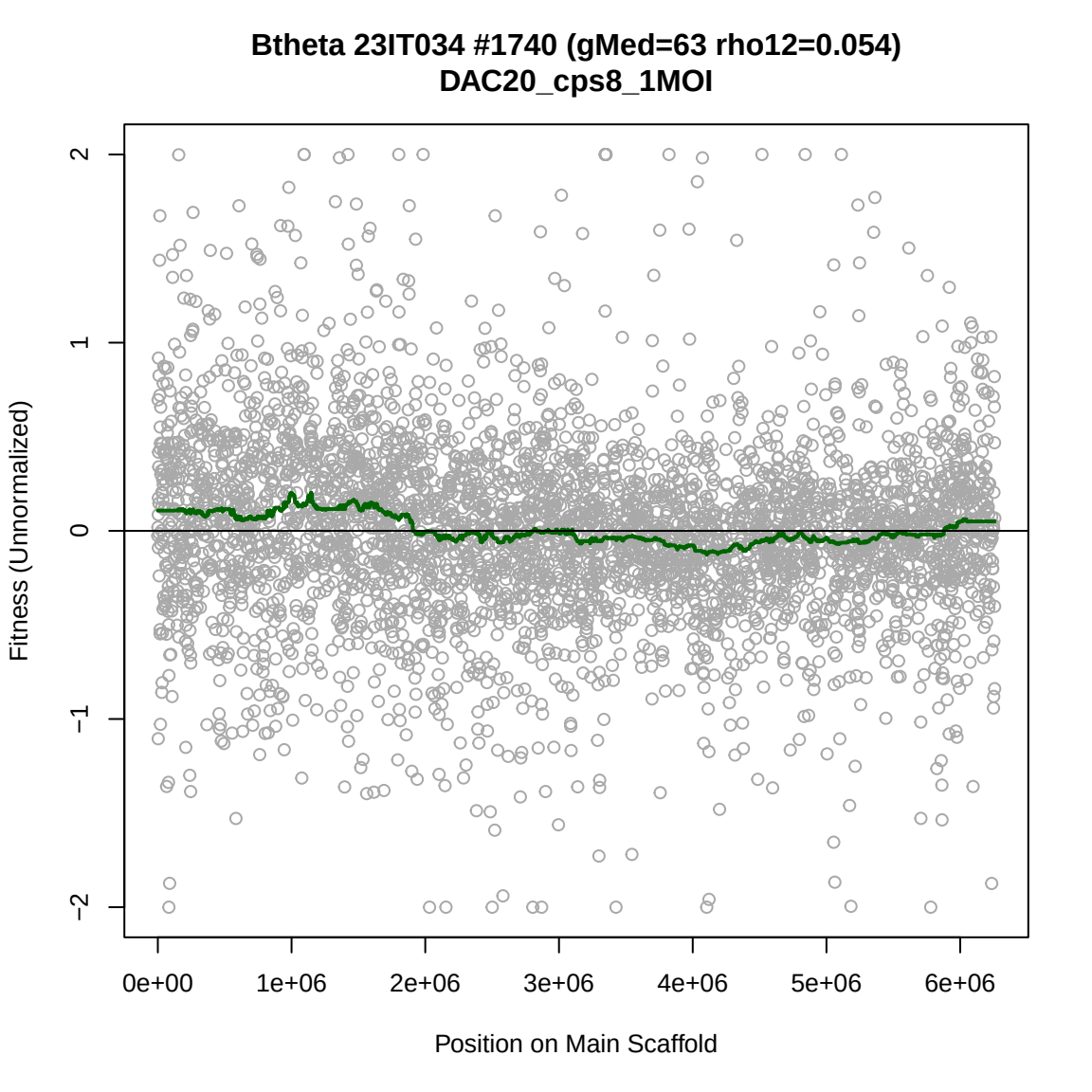

Btheta 23IT029 #1735 (gMed=91 rho12=0.033)
ARB25_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

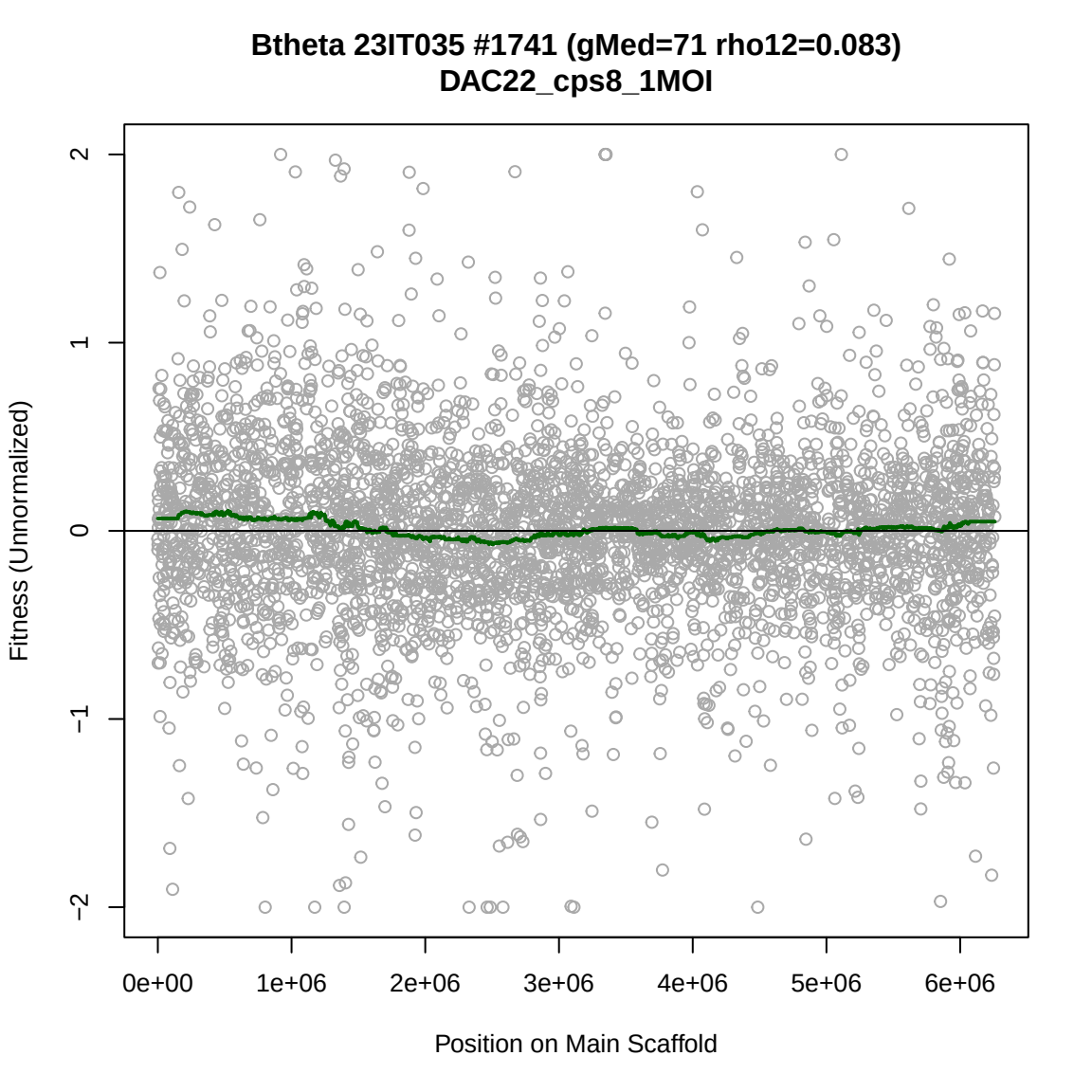

Btheta 23IT030 #1736 (gMed=75 rho12=0.075)
DAC15 _cps3_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

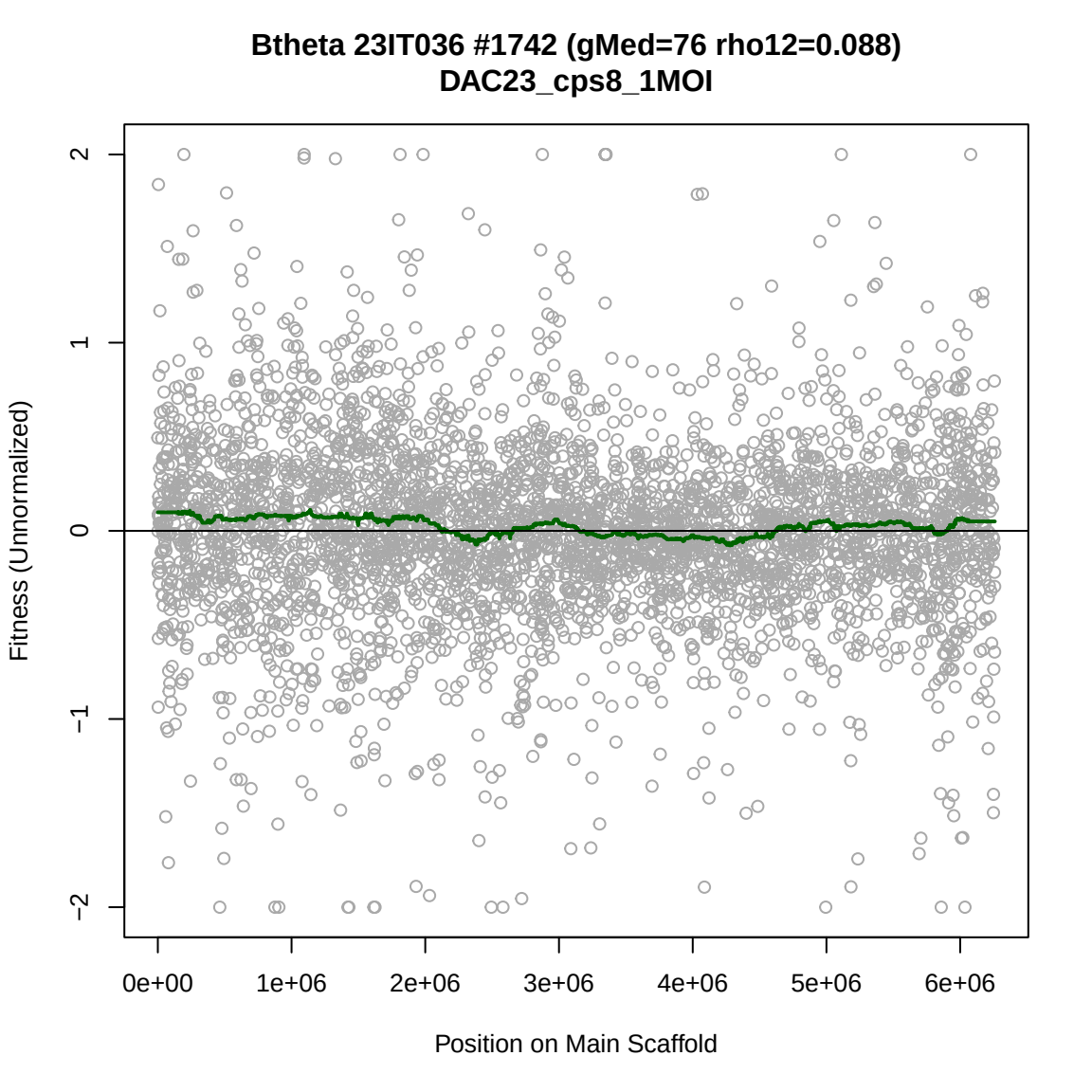

Btheta 23IT031 #1737 (gMed=96 rho12=0.100)
DAC16_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

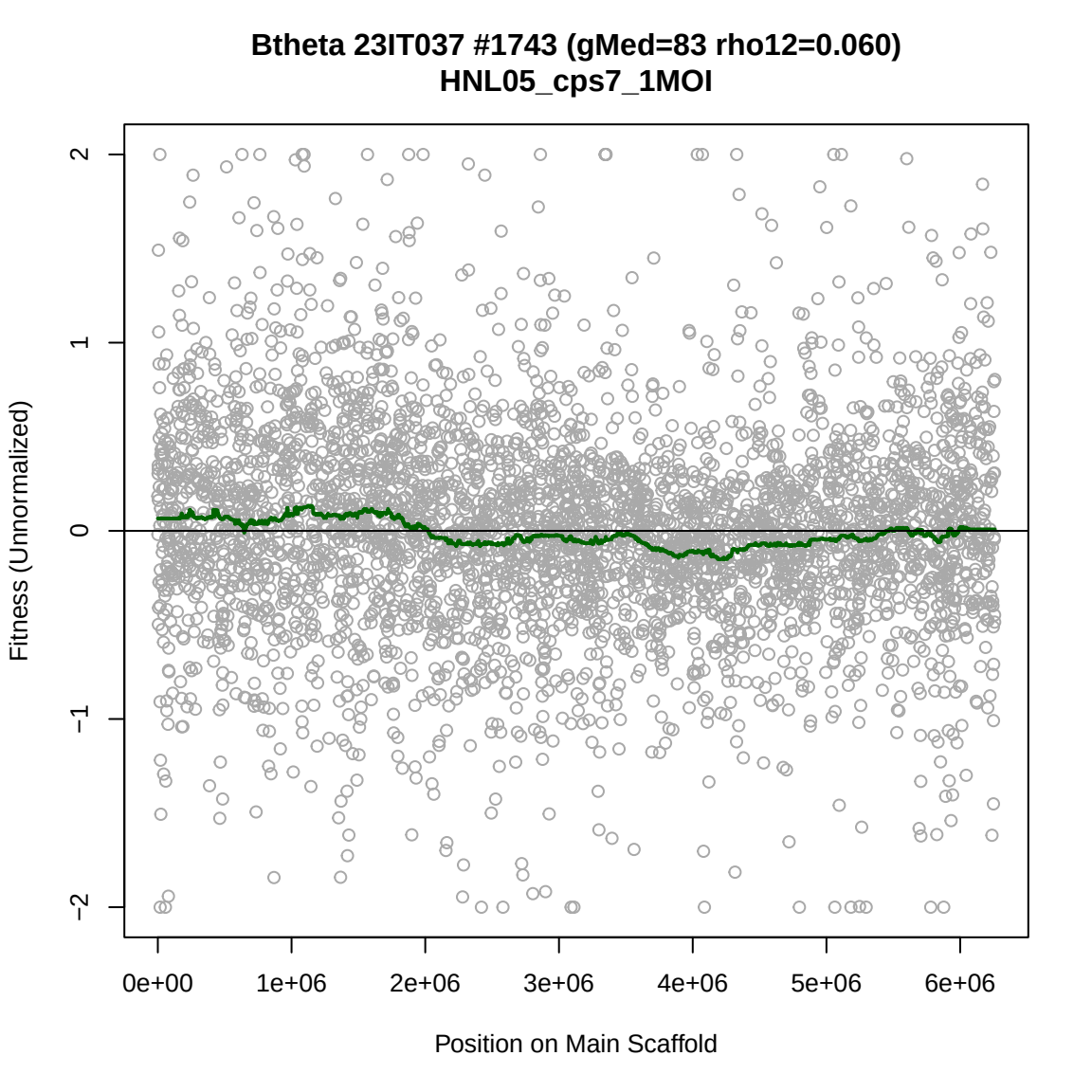

Btheta 23IT032 #1738 (gMed=80 rho12=0.088)
DAC17_cps3_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

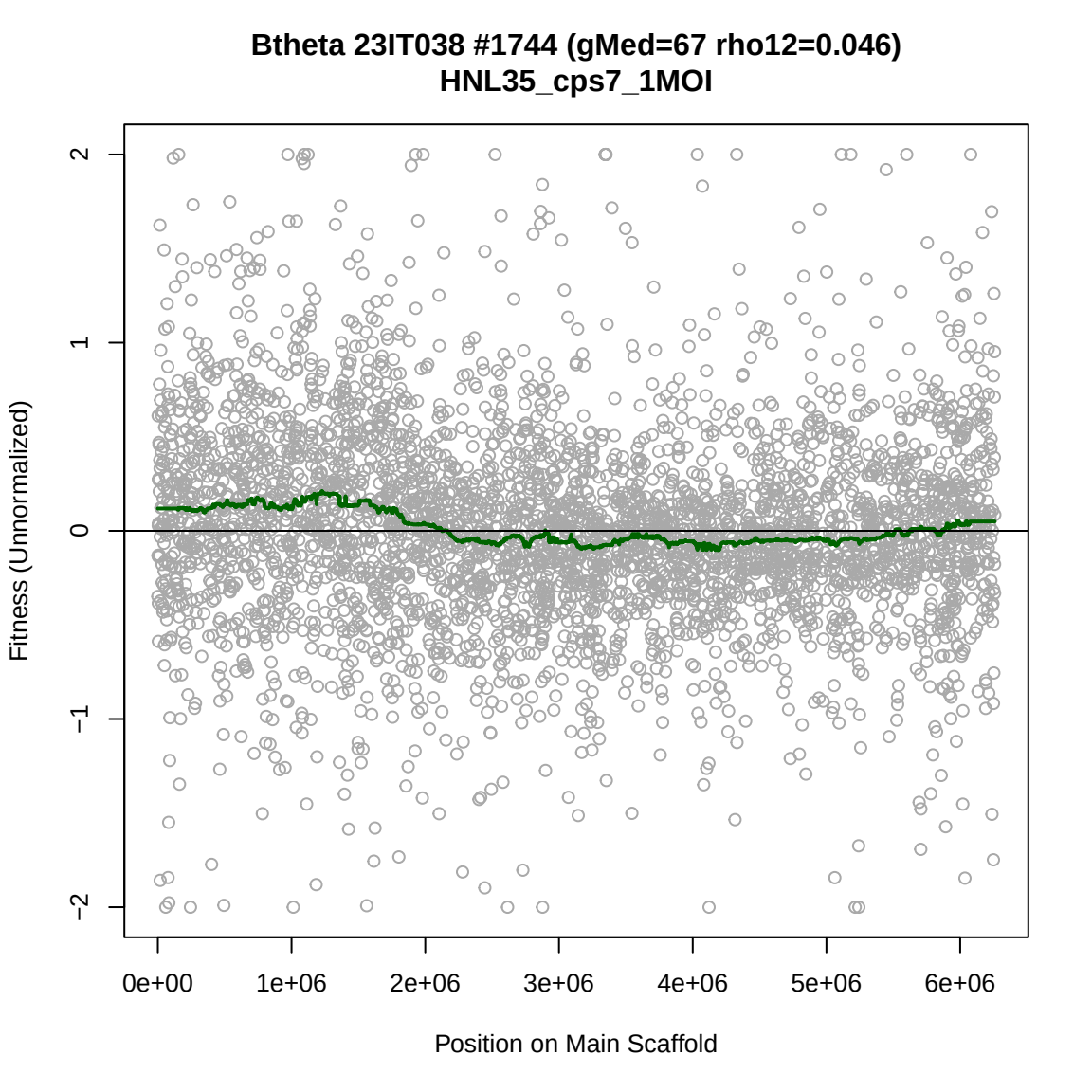

Btheta 23IT033 #1739 (gMed=80 rho12=0.122)
DAC19_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

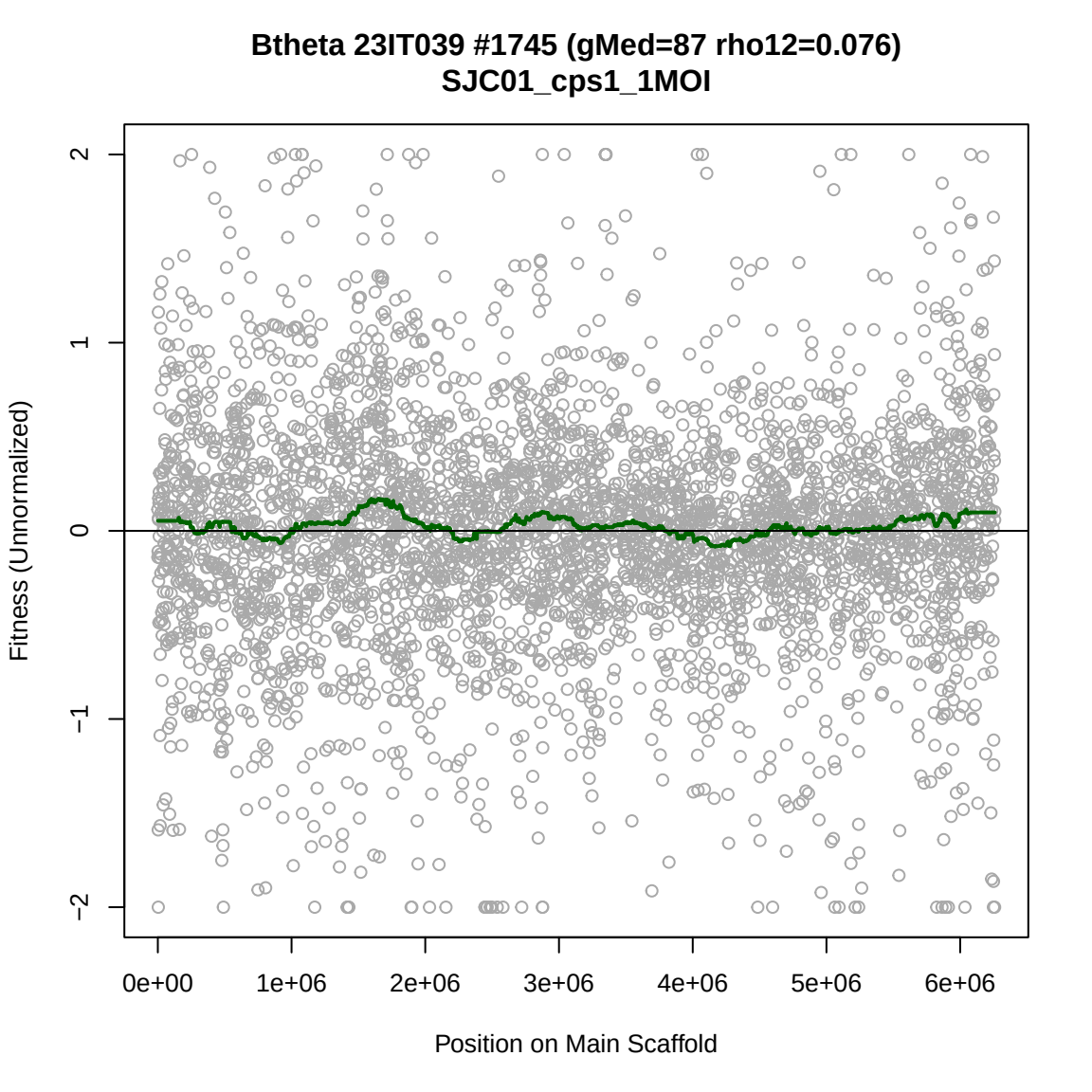

Btheta 23IT034 #1740 (gMed=63 rho12=0.054)
DAC20_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

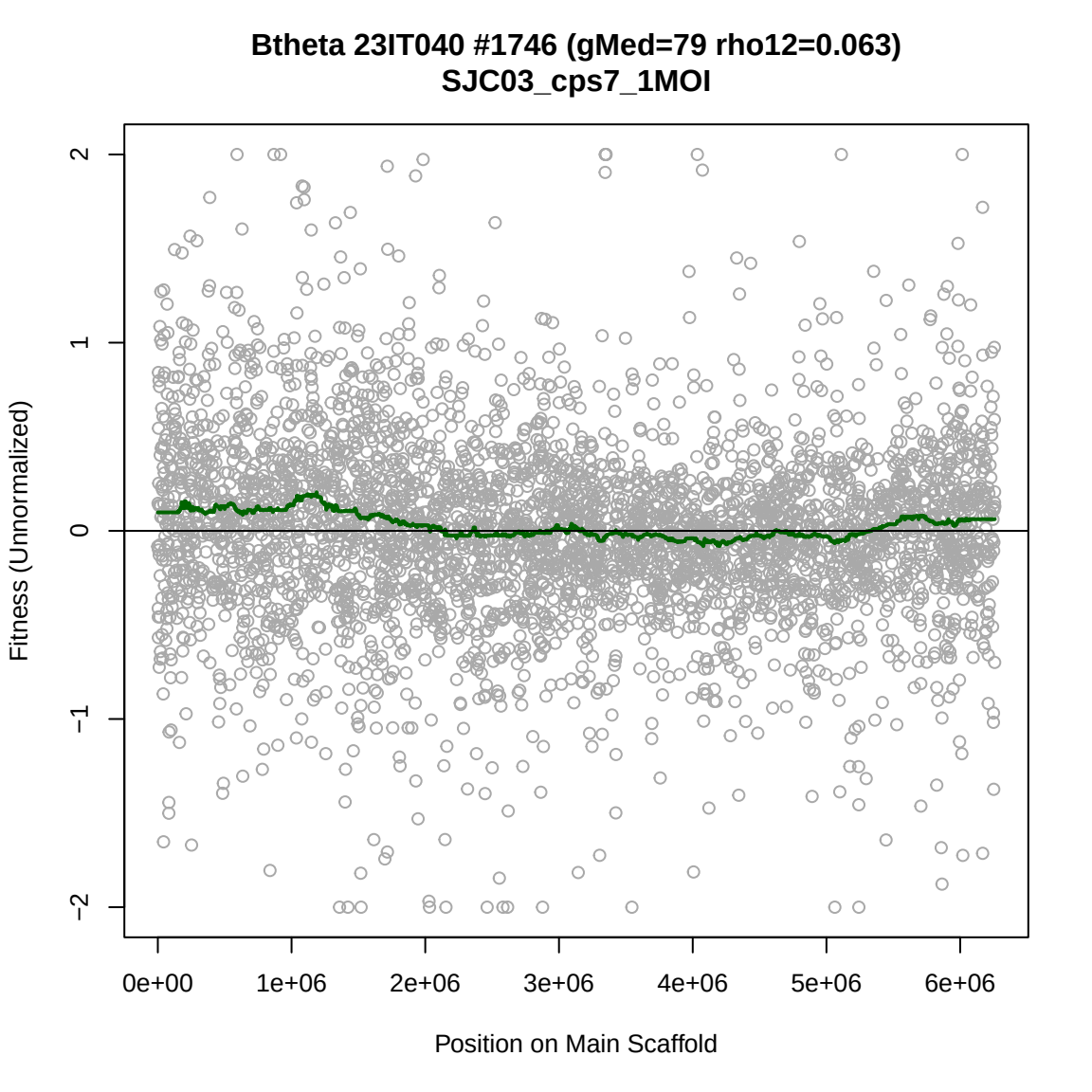

Btheta 23IT035 #1741 (gMed=71 rho12=0.083)
DAC22_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

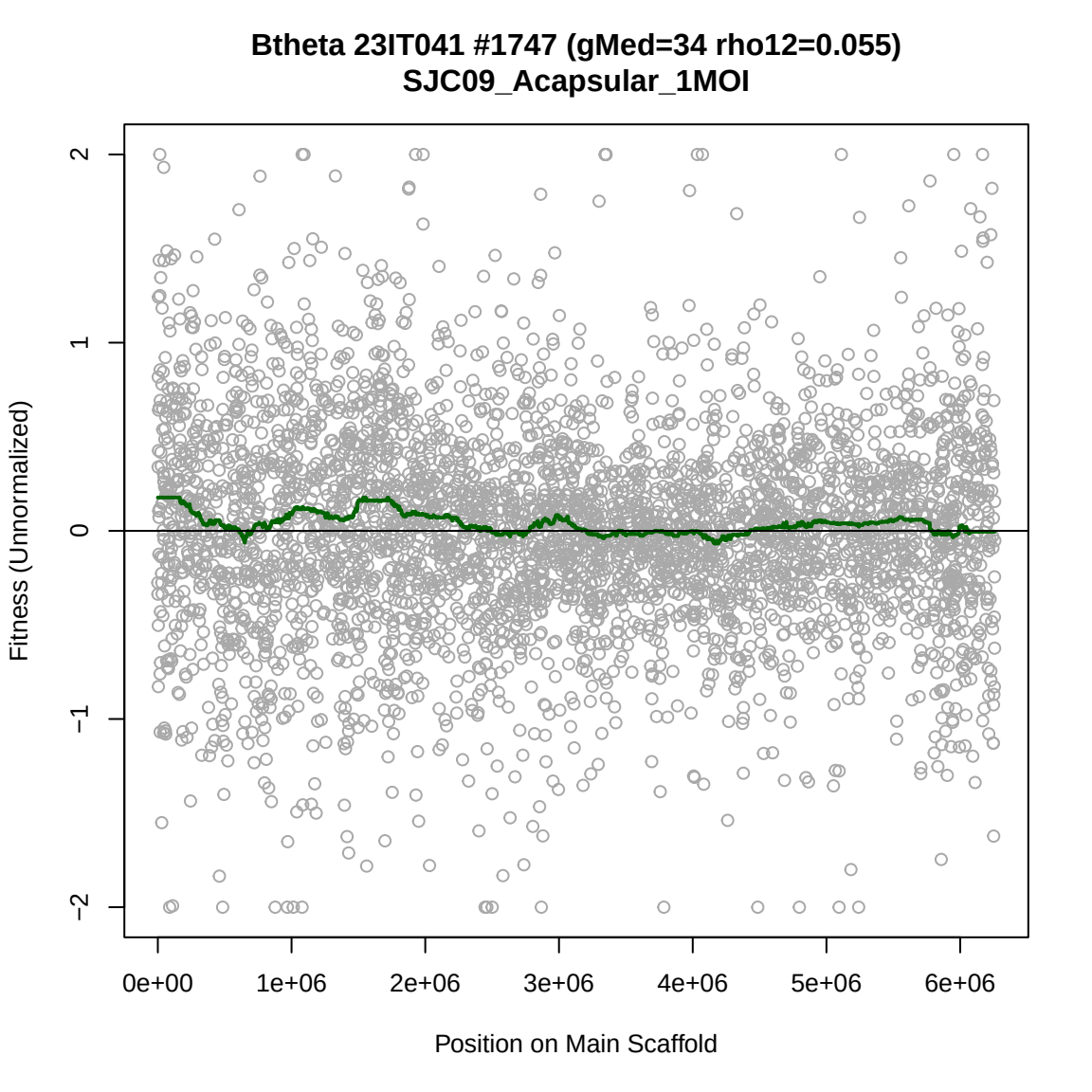

Btheta 23IT036 #1742 (gMed=76 rho12=0.088)
DAC23_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

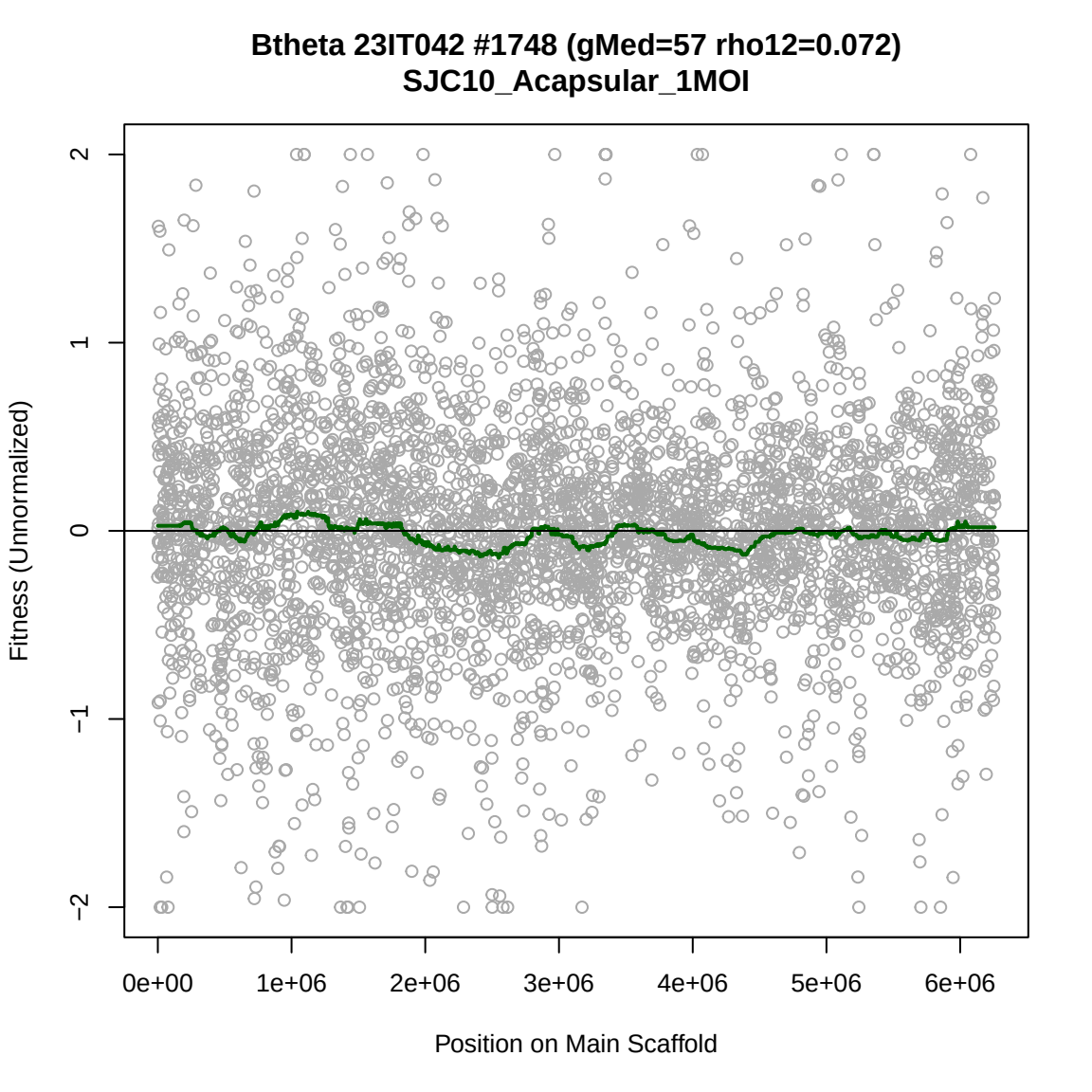

Btheta 23IT037 #1743 (gMed=83 rho12=0.060)
HNL05_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

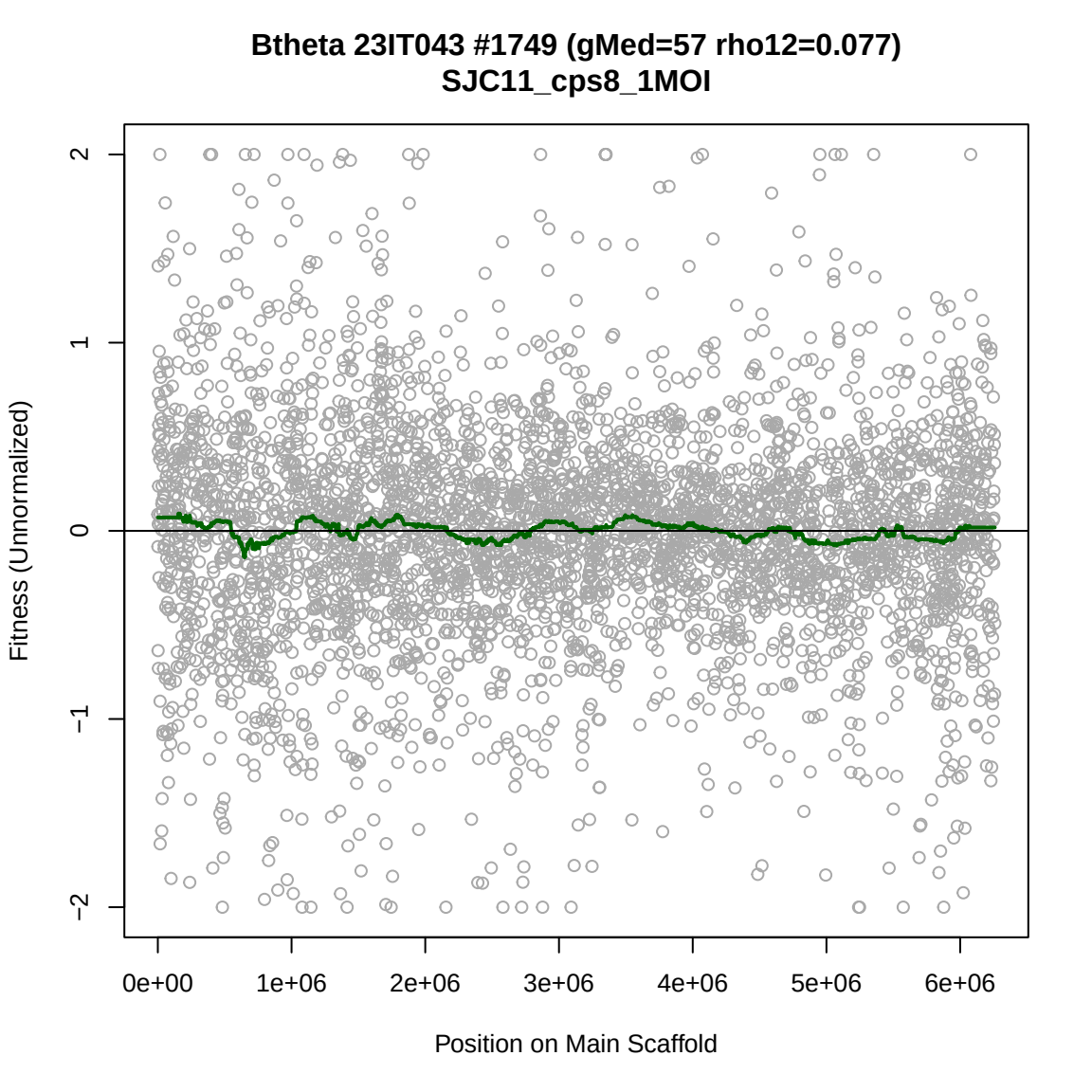

Btheta 23IT038 #1744 (gMed=67 rho12=0.046)
HNL35_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

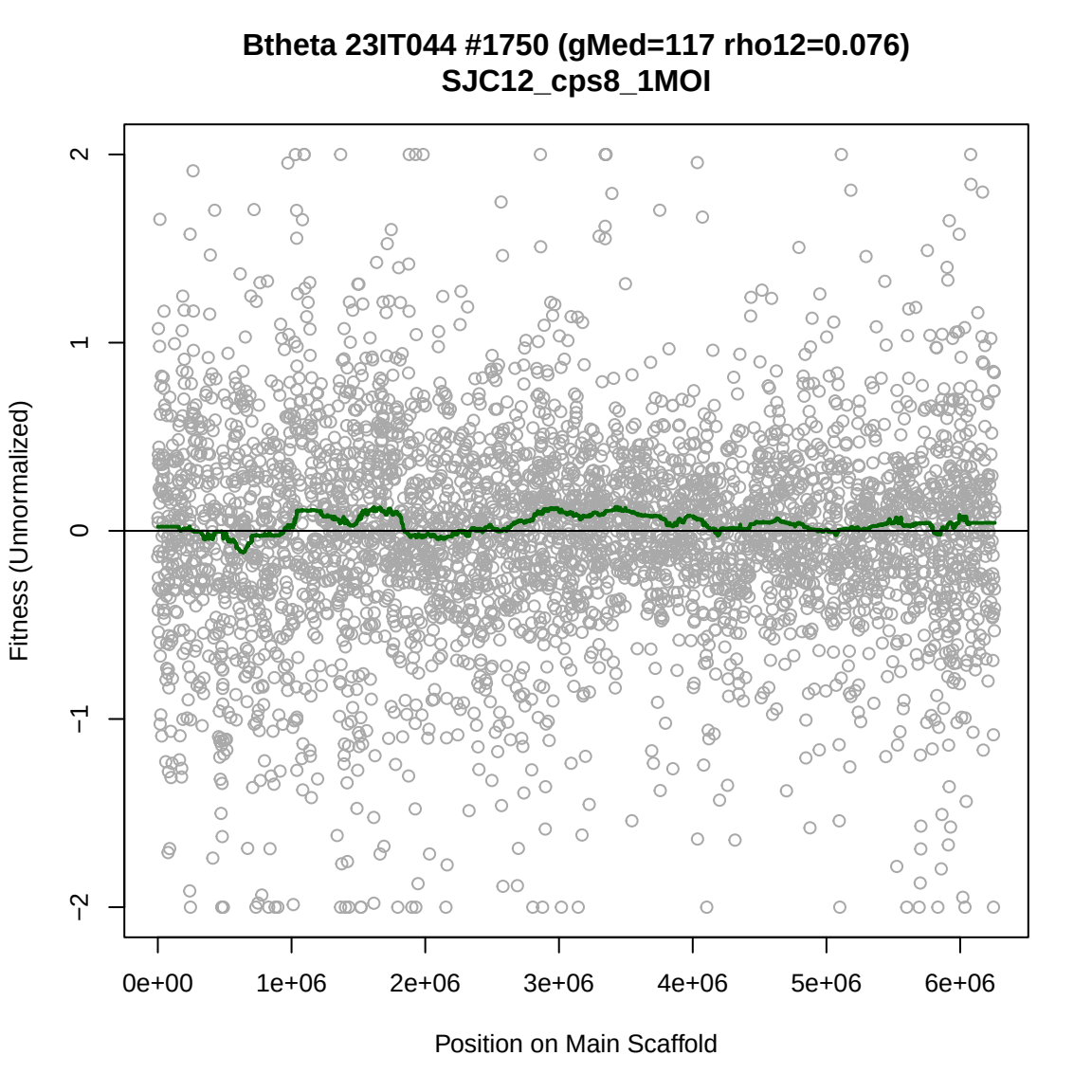

Btheta 23IT039 #1745 (gMed=87 rho12=0.076)
SJC01_cps1_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

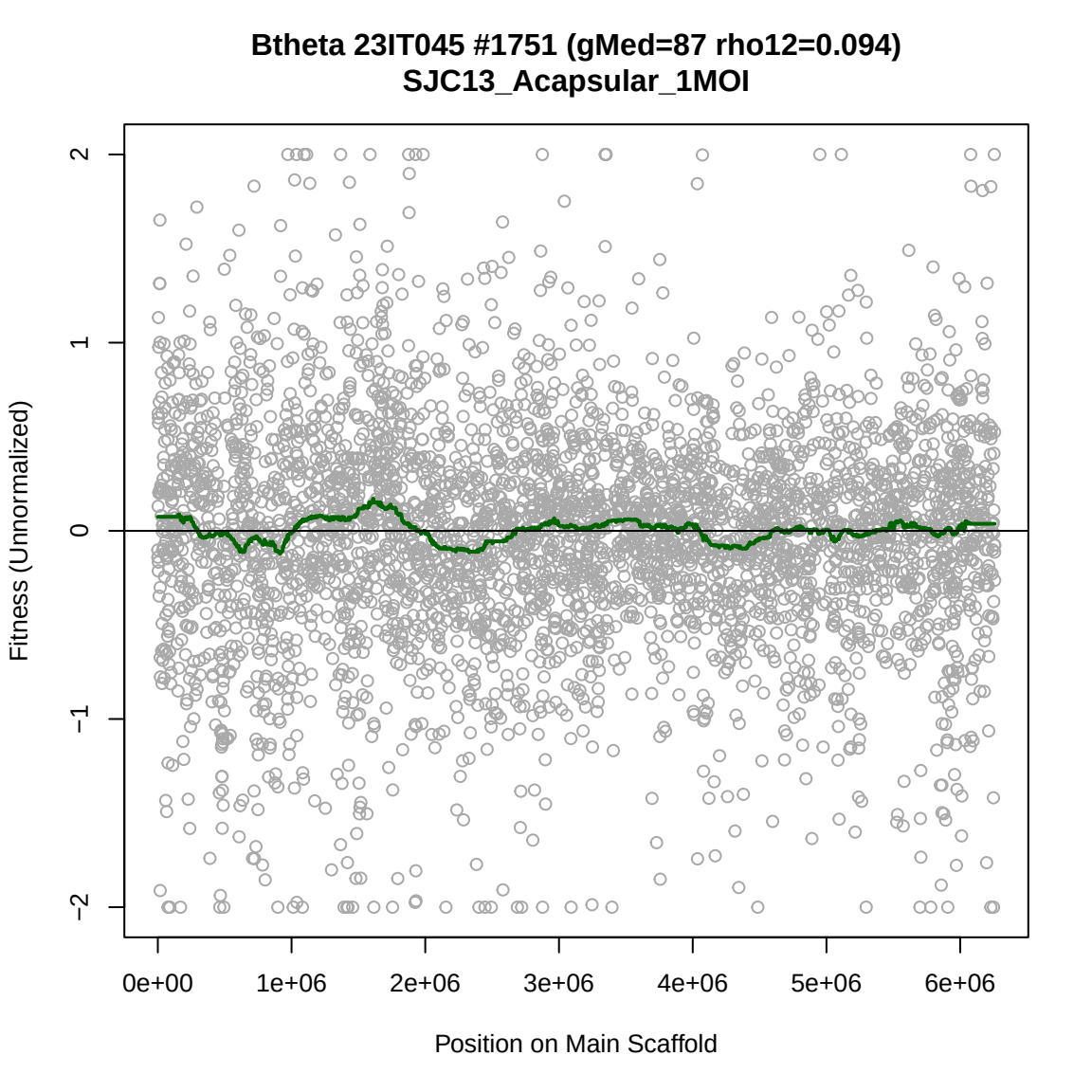

Btheta 23IT040 #1746 (gMed=79 rho12=0.063)
SJC03_cps7_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

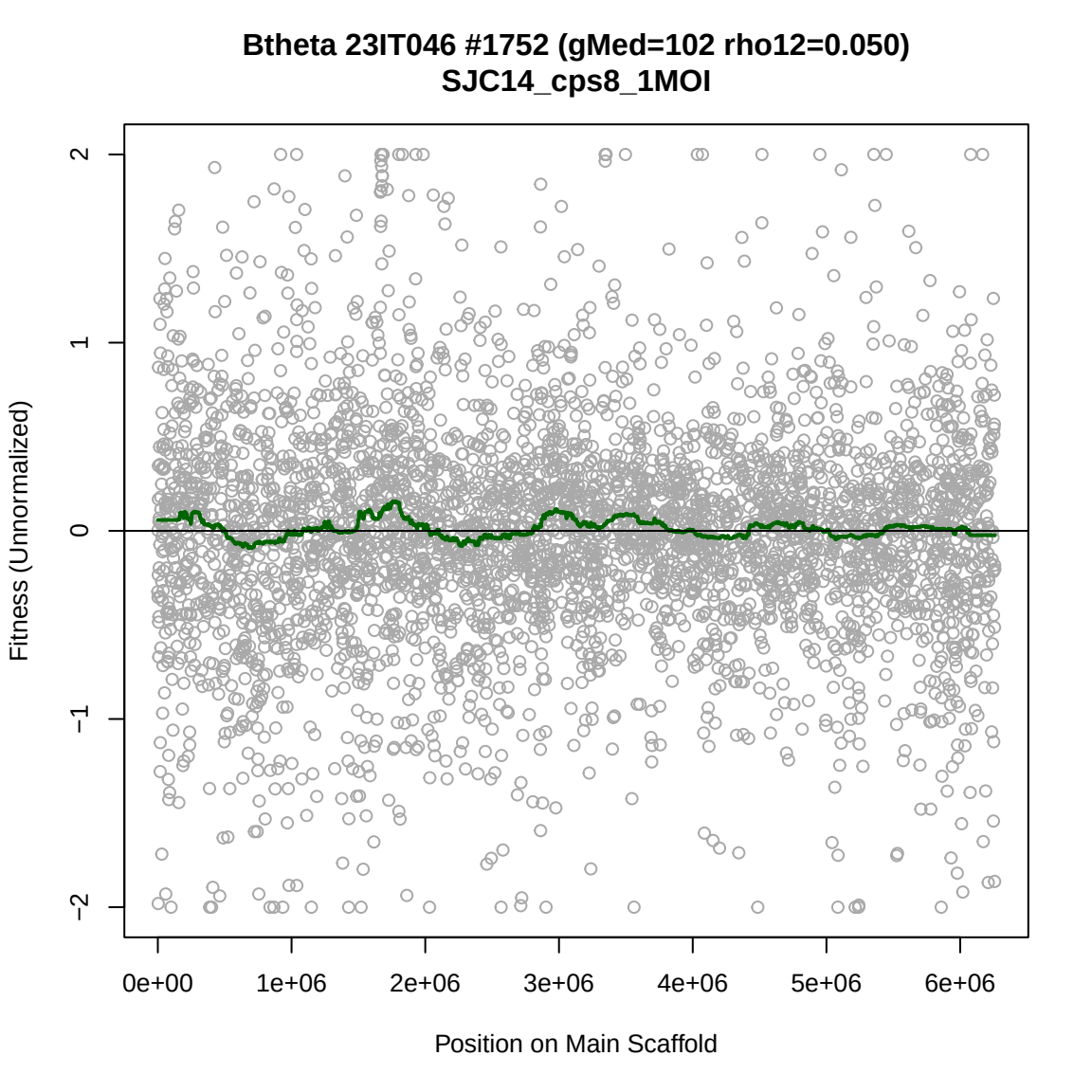

Btheta 23IT041 #1747 (gMed=34 rho12=0.055)
SJC09_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

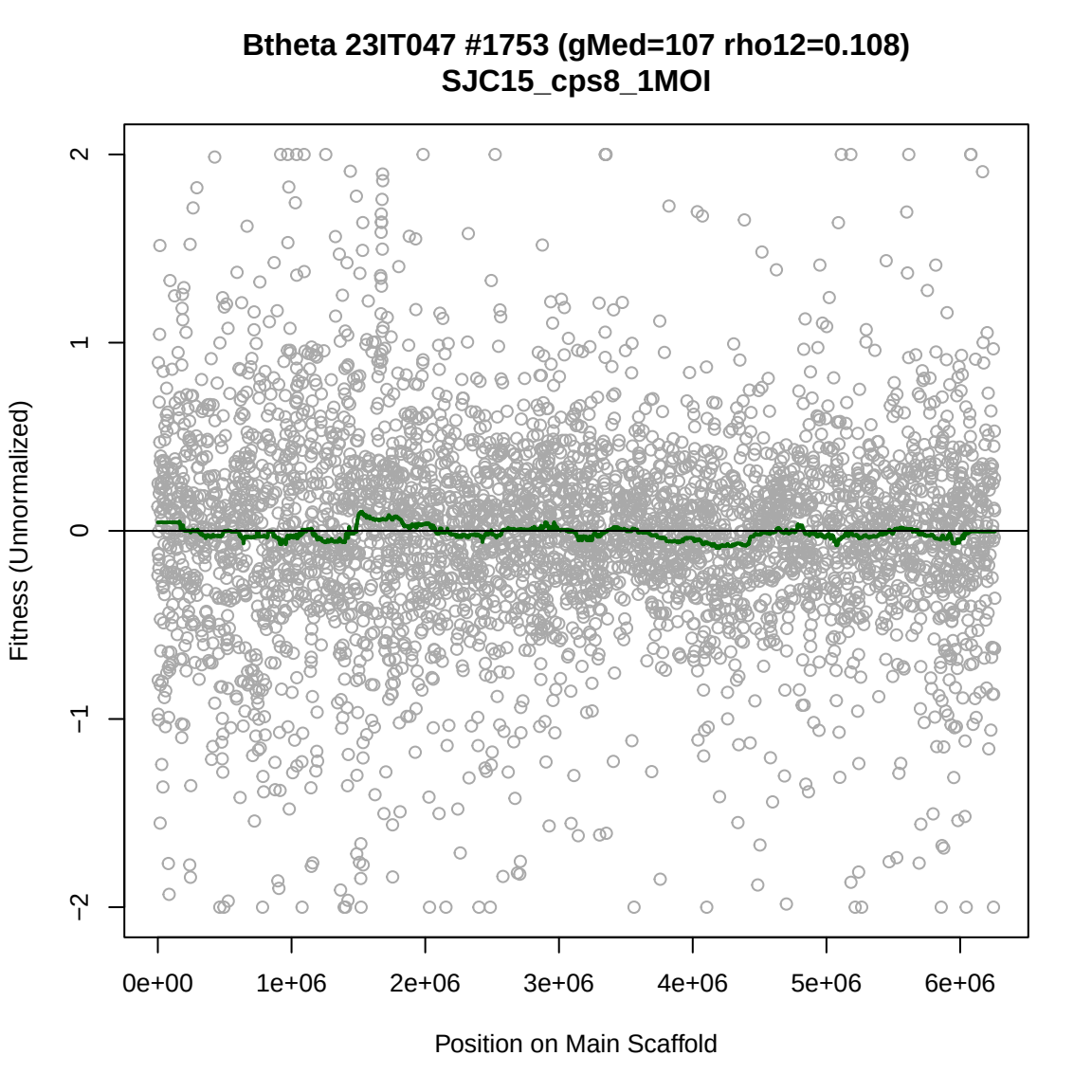

Btheta 23IT042 #1748 (gMed=57 rho12=0.072)
SJC10_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

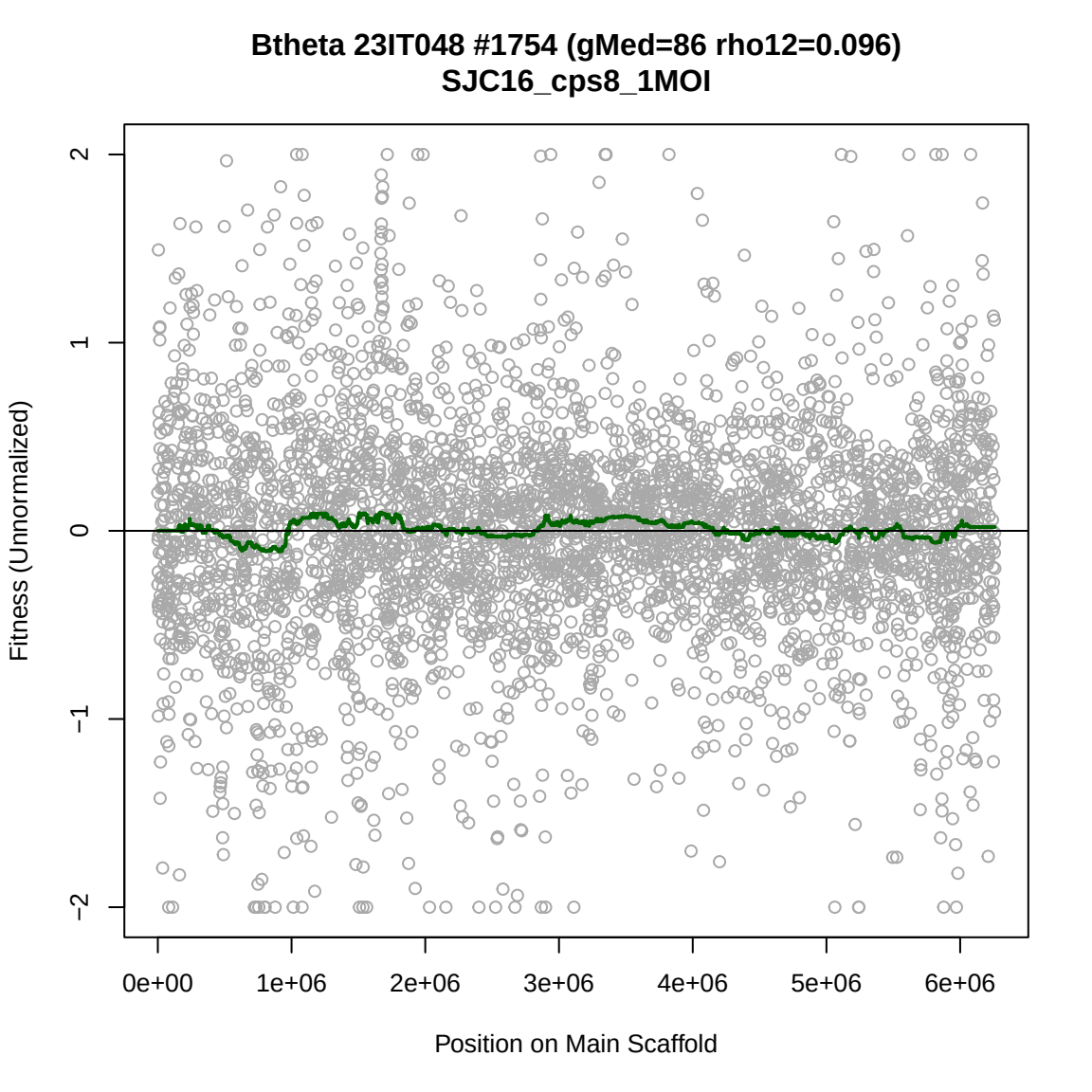

Btheta 23IT043 #1749 (gMed=57 rho12=0.077)
SJC11_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

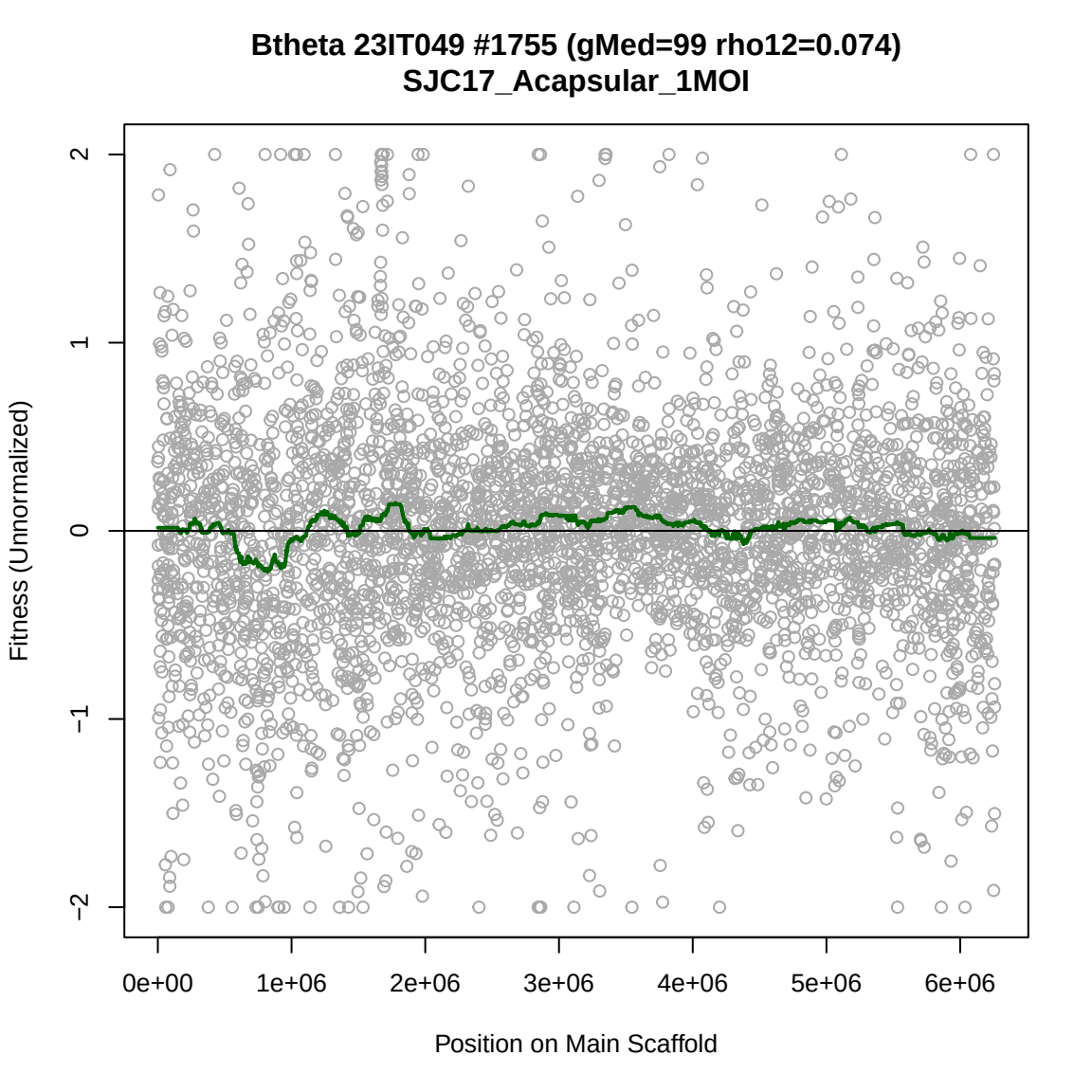

Btheta 23IT044 #1750 (gMed=117 rho12=0.076)
SJC12_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

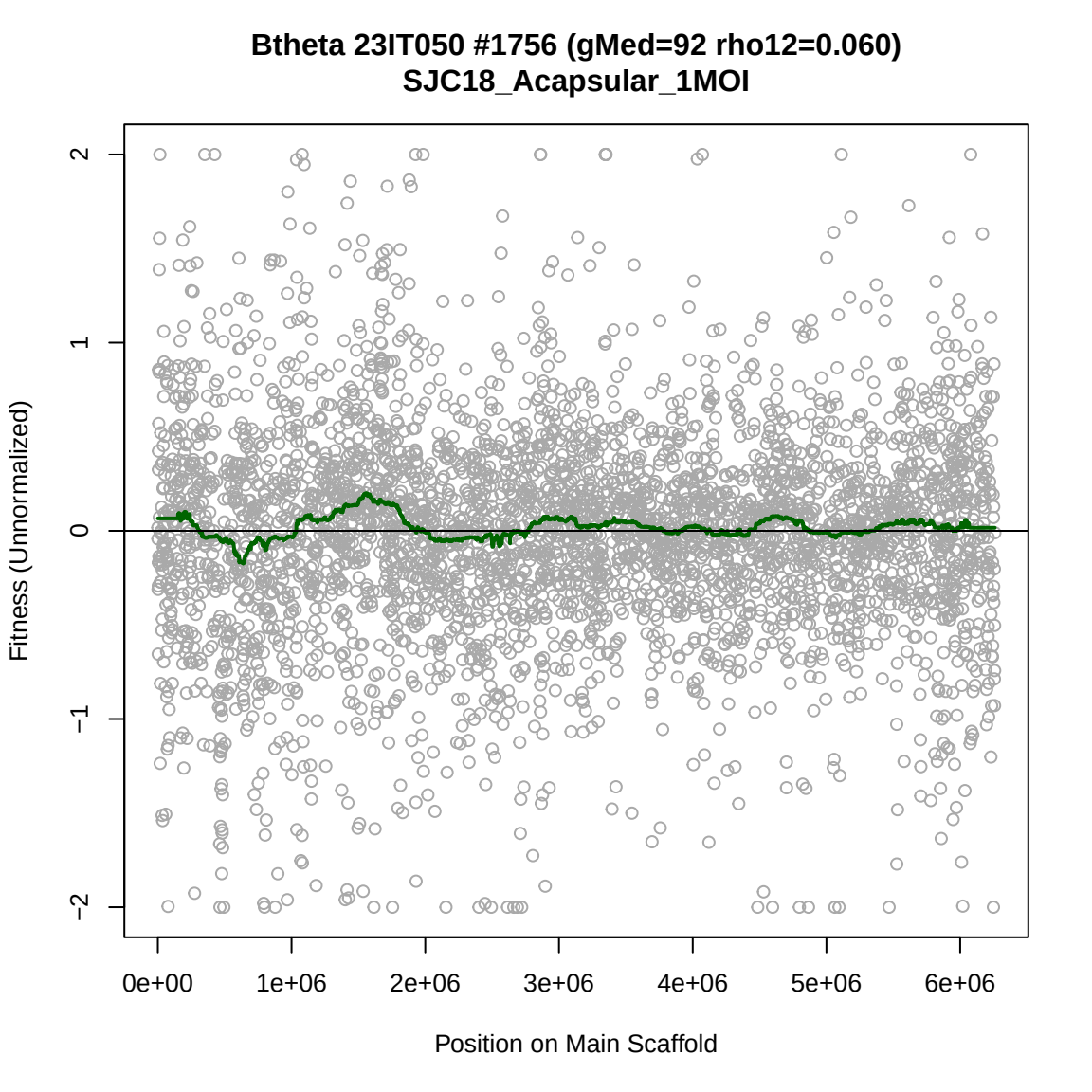

Btheta 23IT045 #1751 (gMed=87 rho12=0.094)
SJC13_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

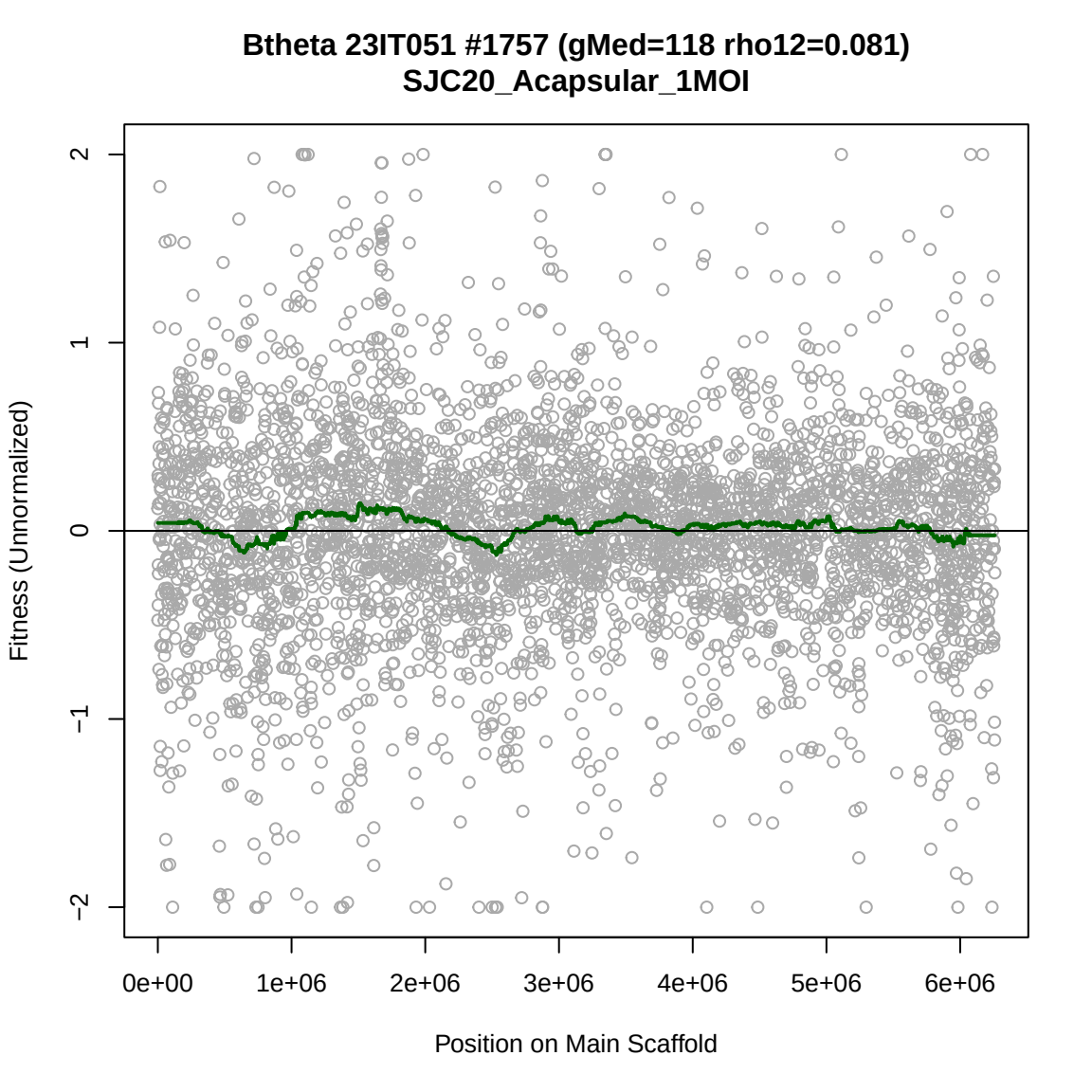

Btheta 23IT046 #1752 (gMed=102 rho12=0.050)
SJC14_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

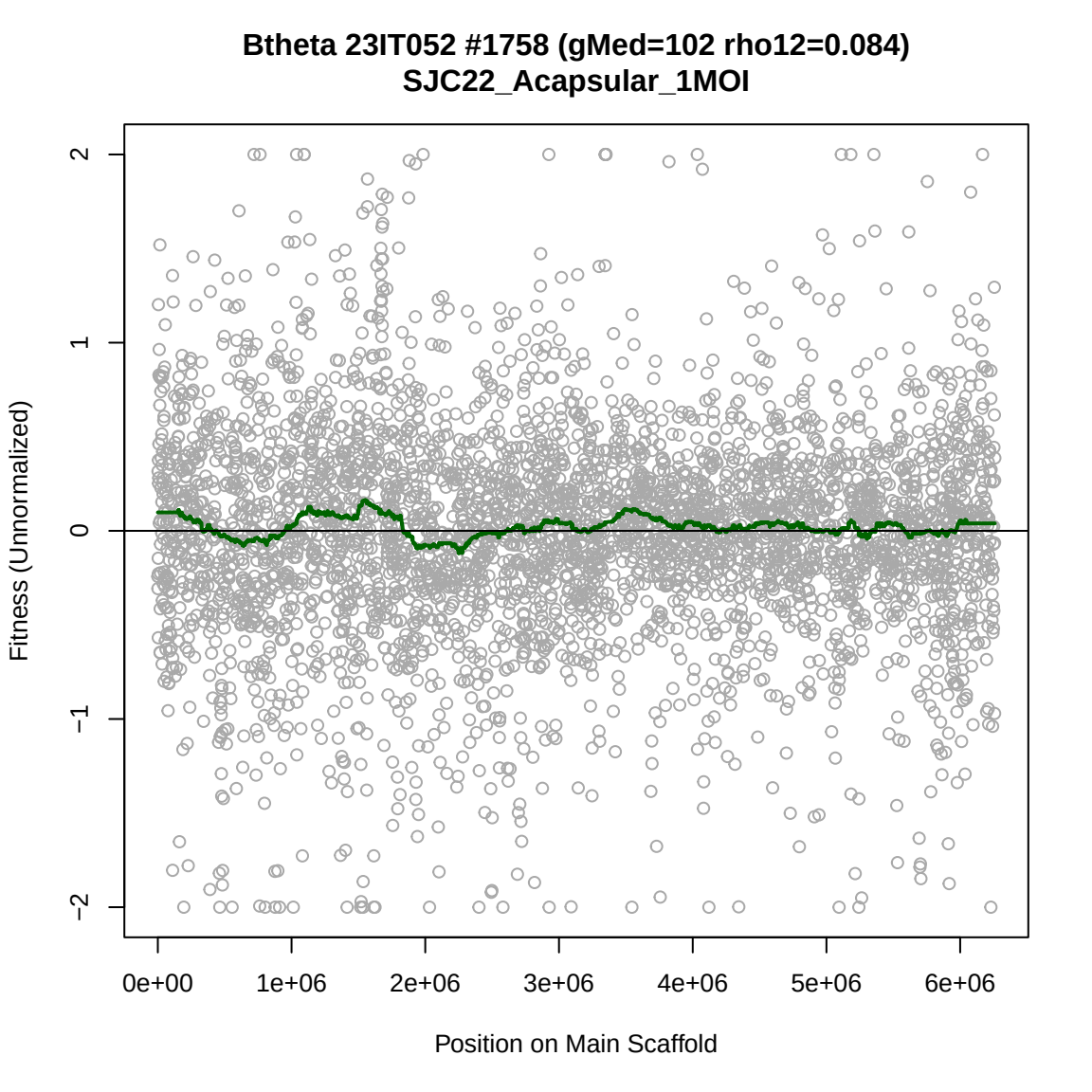

Btheta 23IT047 #1753 (gMed=107 rho12=0.108)
SJC15_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

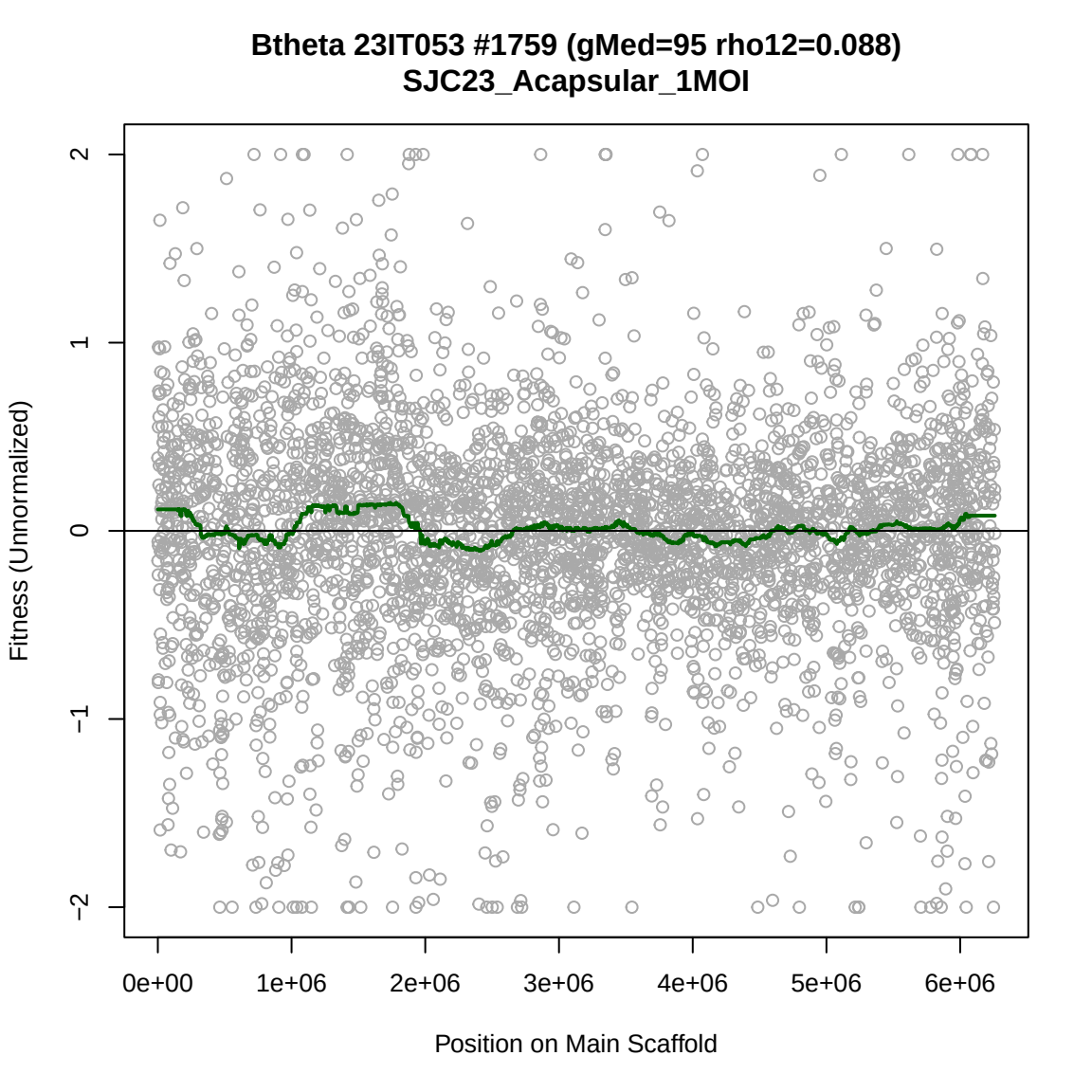

Btheta 23IT048 #1754 (gMed=86 rho12=0.096)
SJC16_cps8_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

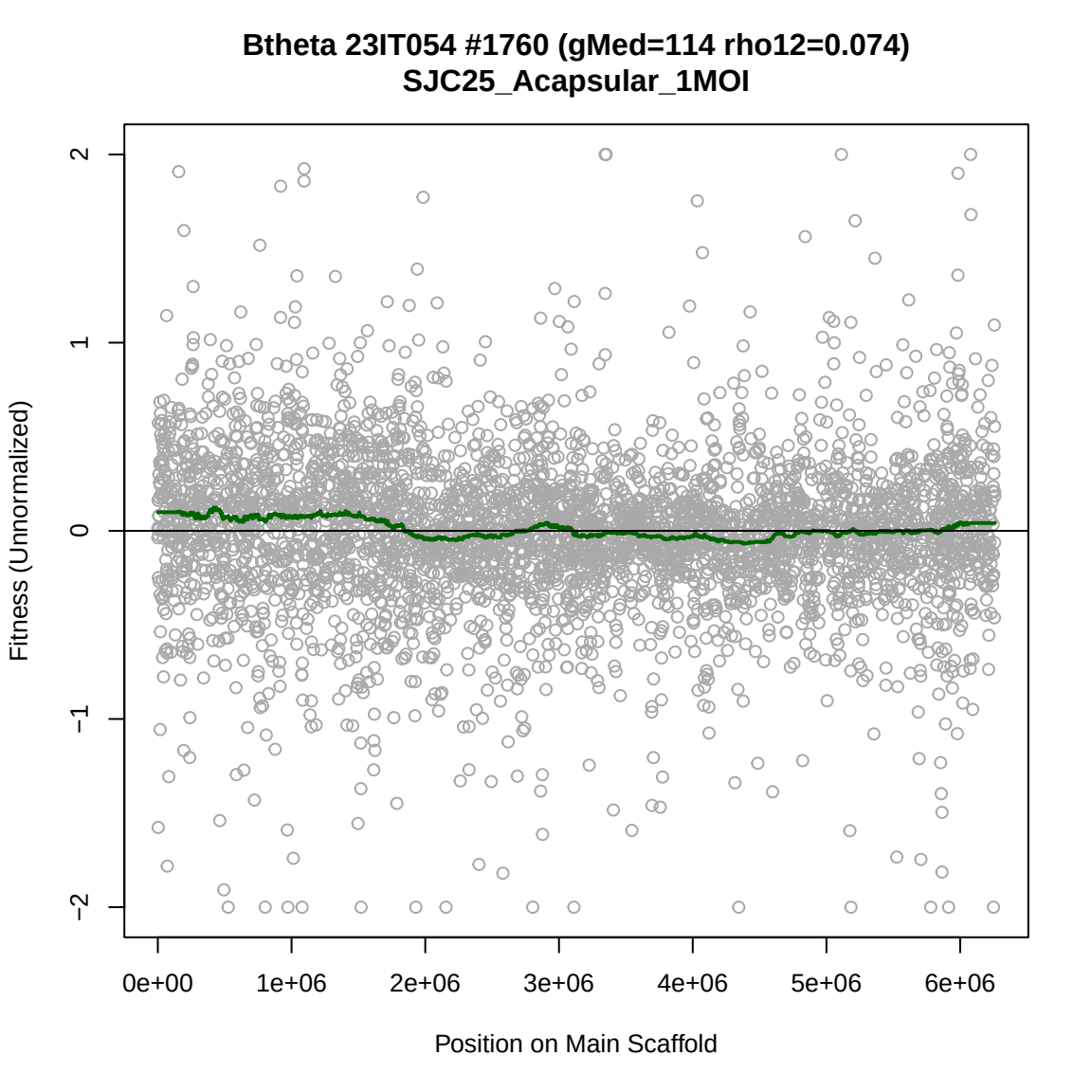

Btheta 23IT049 #1755 (gMed=99 rho12=0.074)
SJC17_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

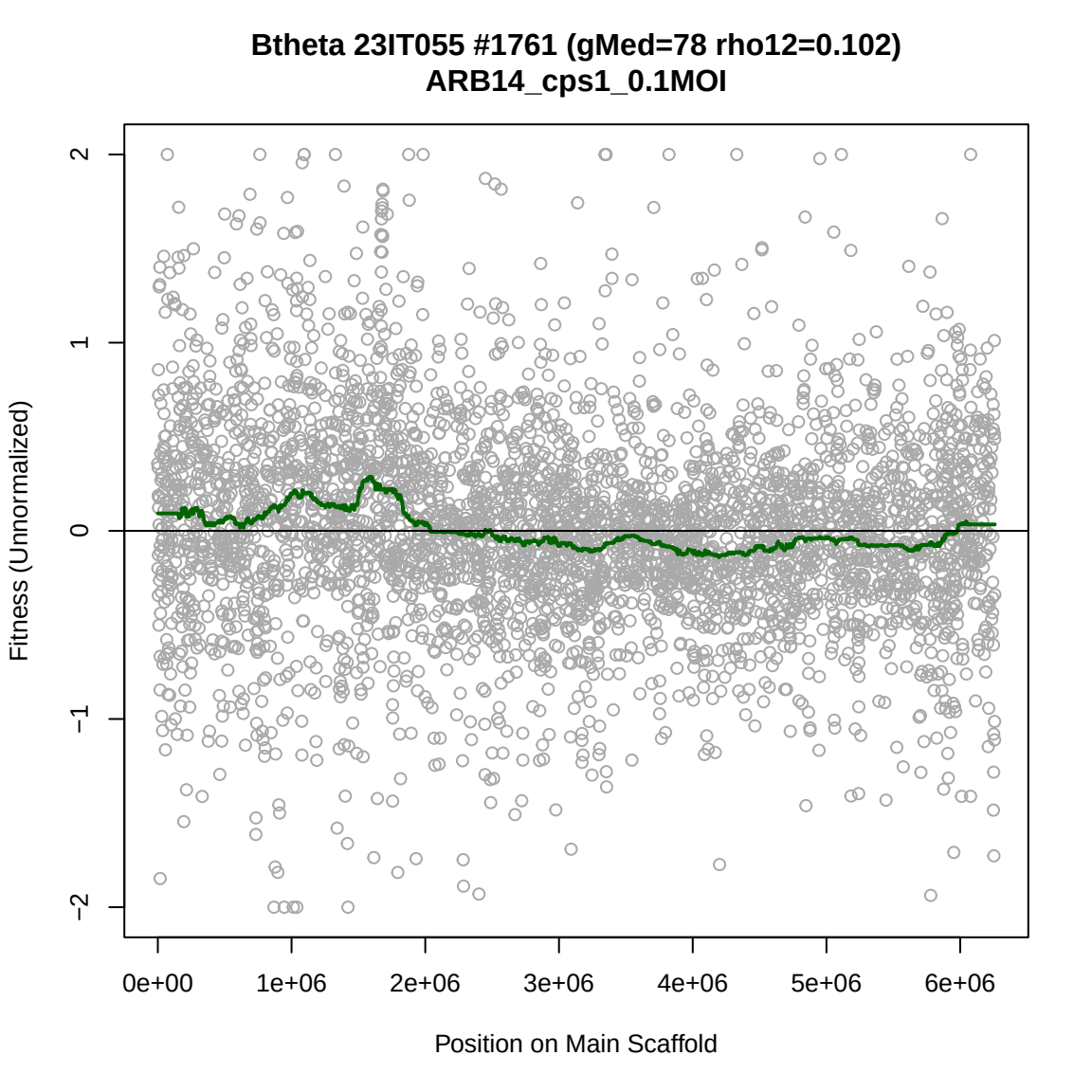

Btheta 23IT050 #1756 (gMed=92 rho12=0.060)
SJC18_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

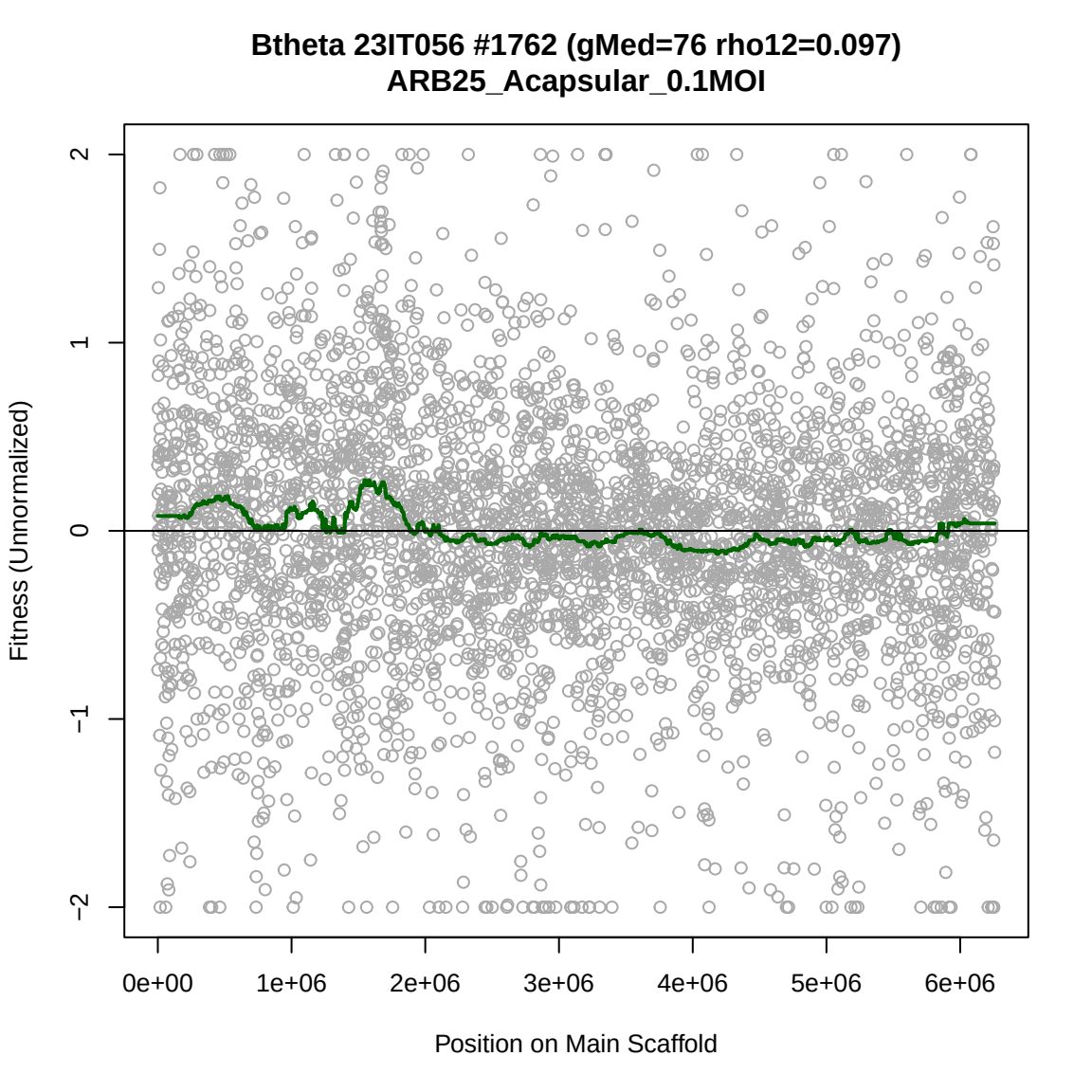

Btheta 23IT051 #1757 (gMed=118 rho12=0.081)
SJC20_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

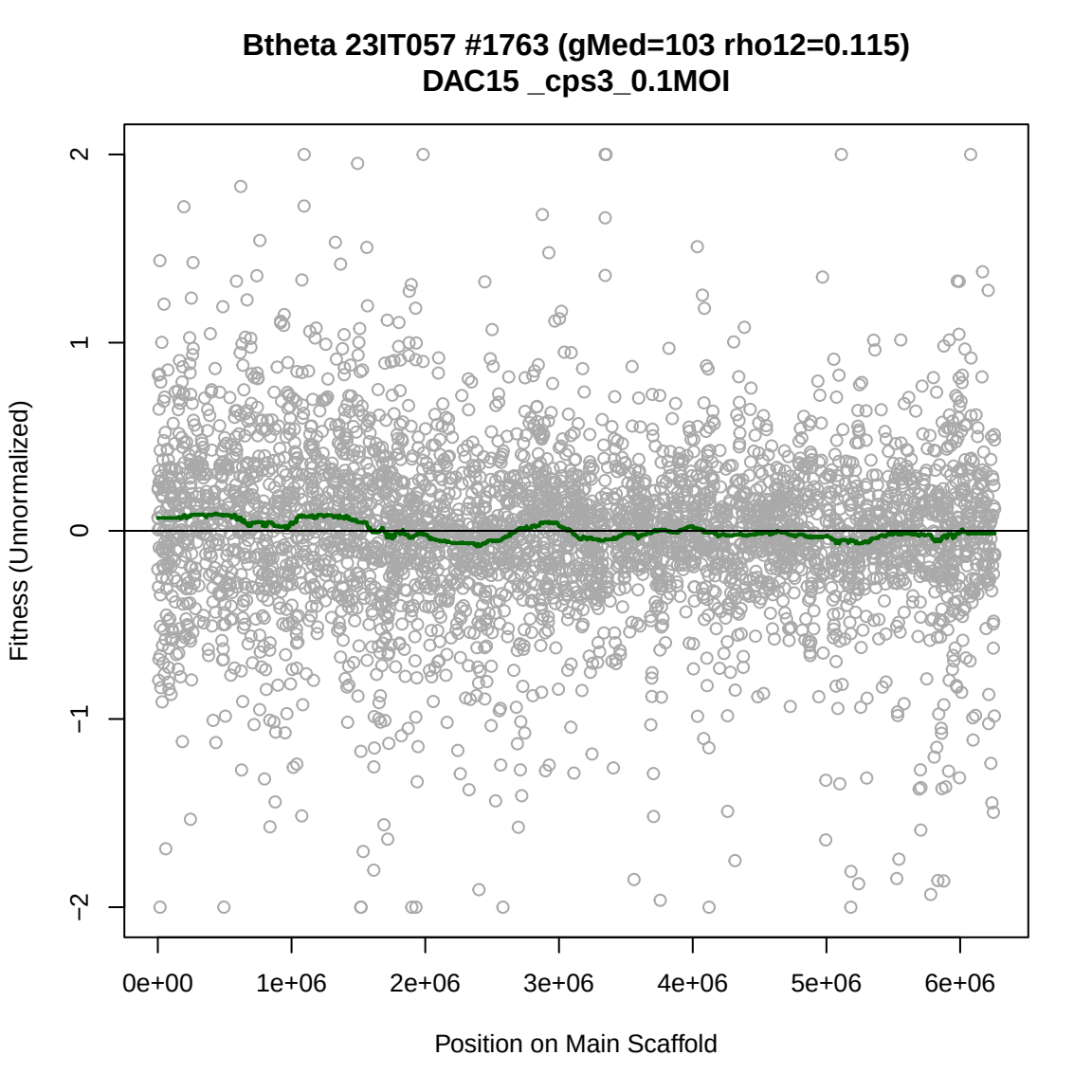

Btheta 23IT052 #1758 (gMed=102 rho12=0.084)
SJC22_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

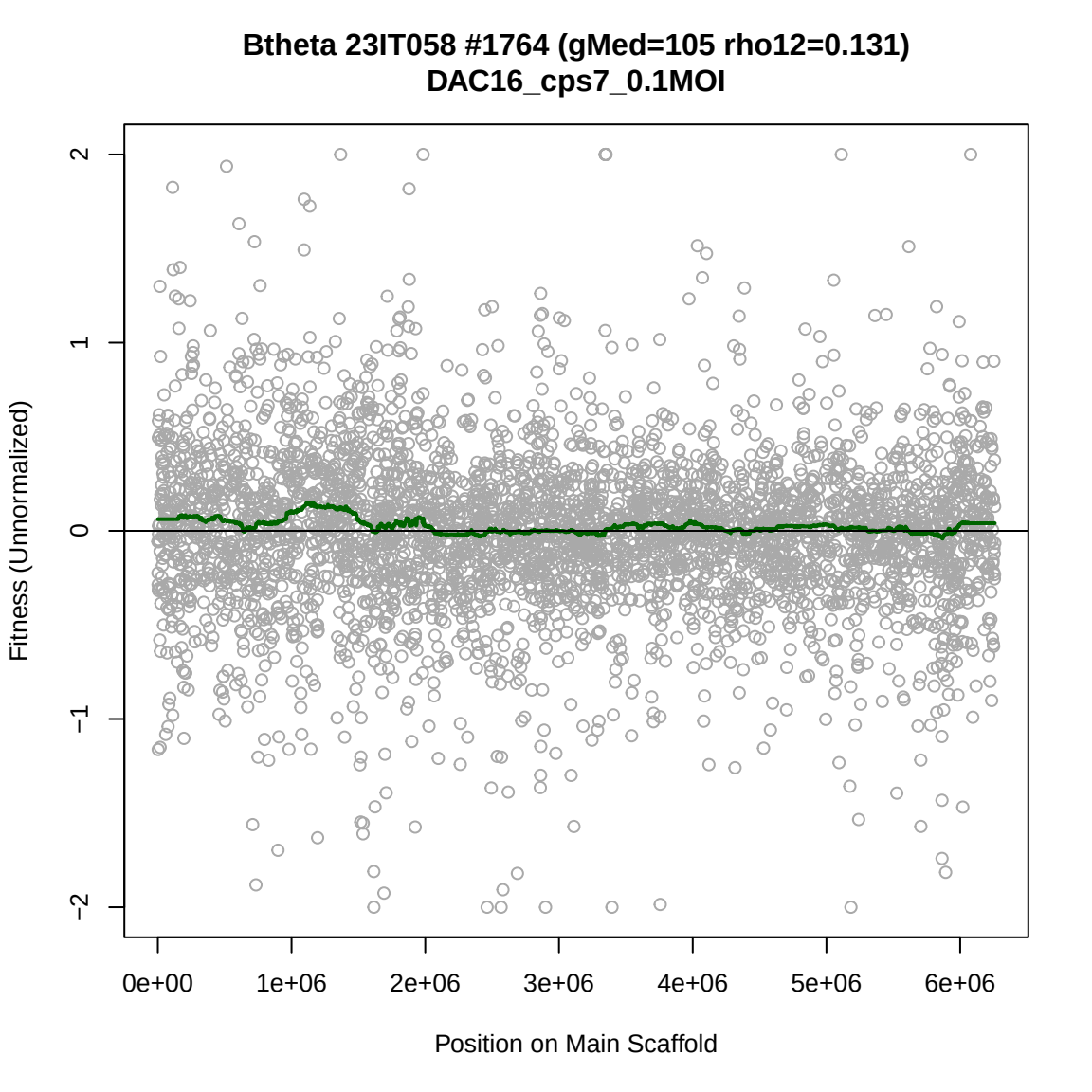

Btheta 23IT053 #1759 (gMed=95 rho12=0.088)
SJC23_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

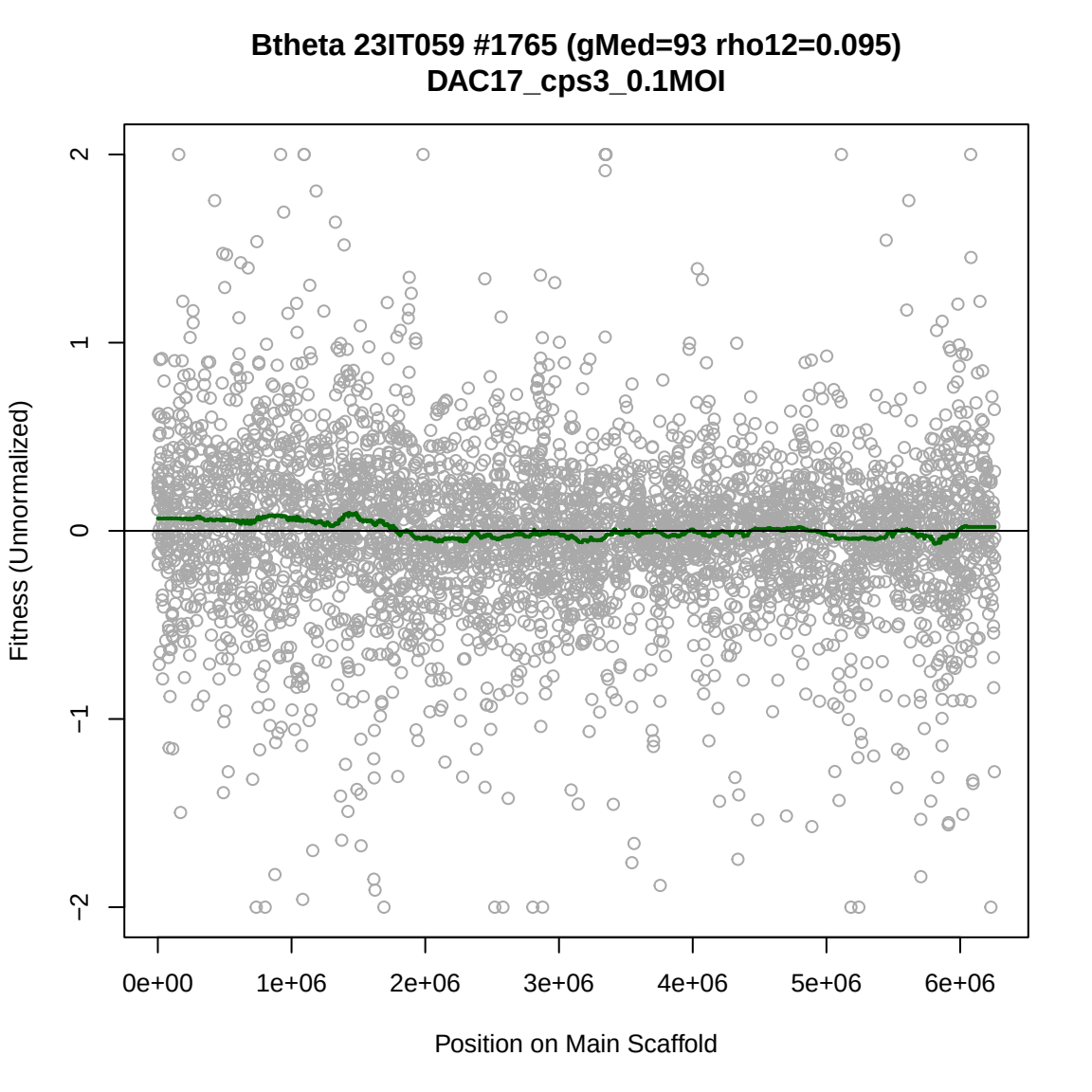

Btheta 23IT054 #1760 (gMed=114 rho12=0.074)
SJC25_Acapsular_1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

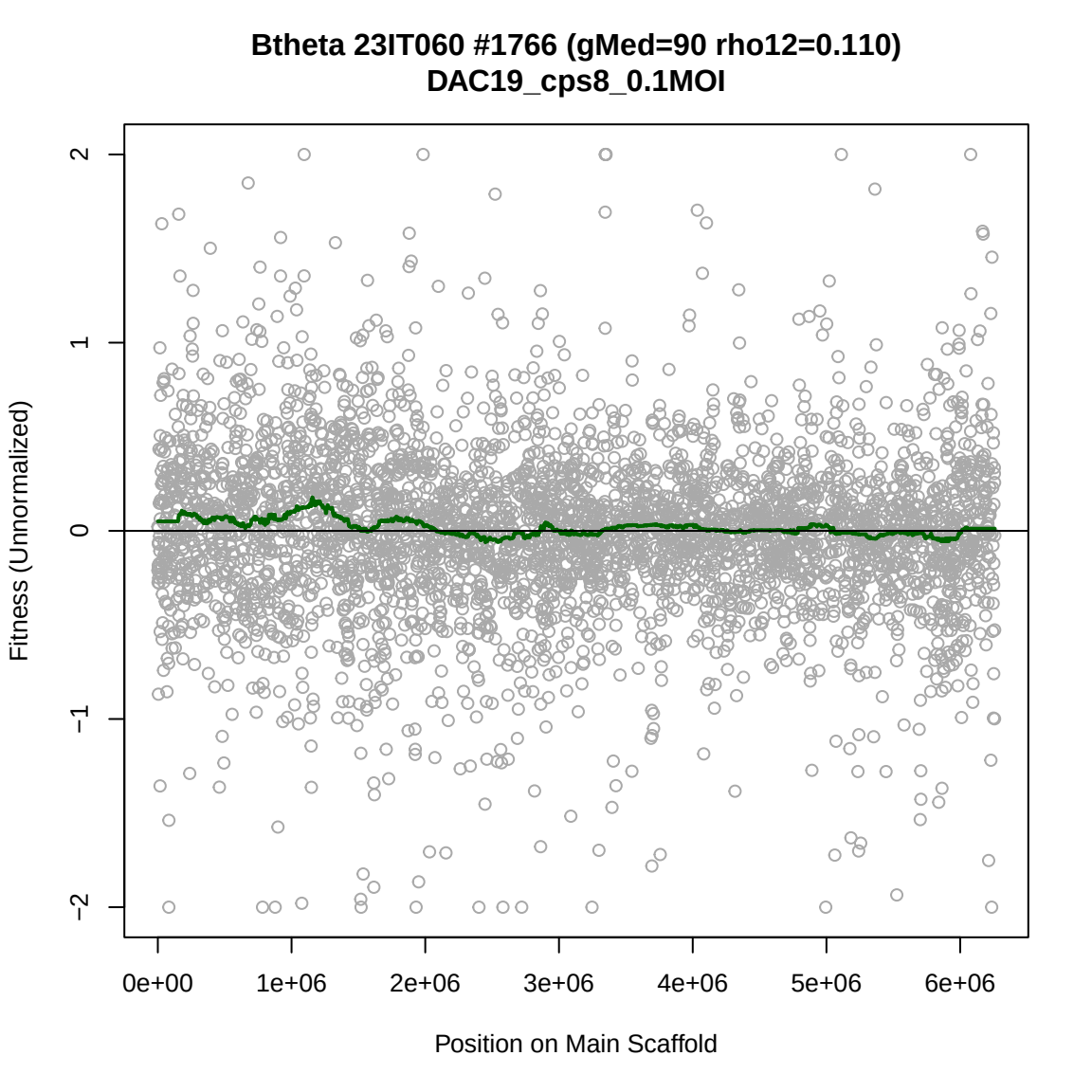

Btheta 23IT055 #1761 (gMed=78 rho12=0.102)
ARB14_cps1_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

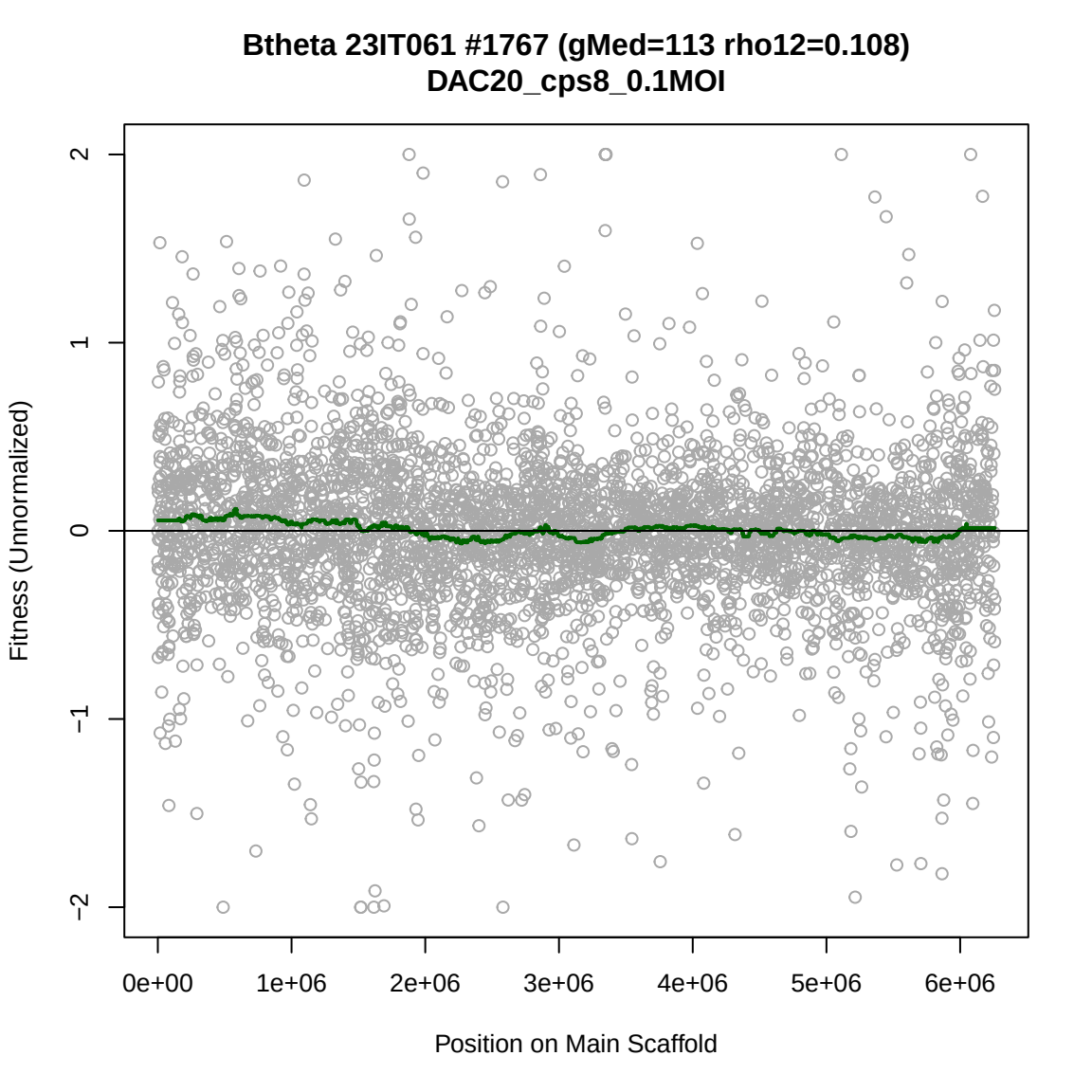

Btheta 23IT056 #1762 (gMed=76 rho12=0.097)
ARB25_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

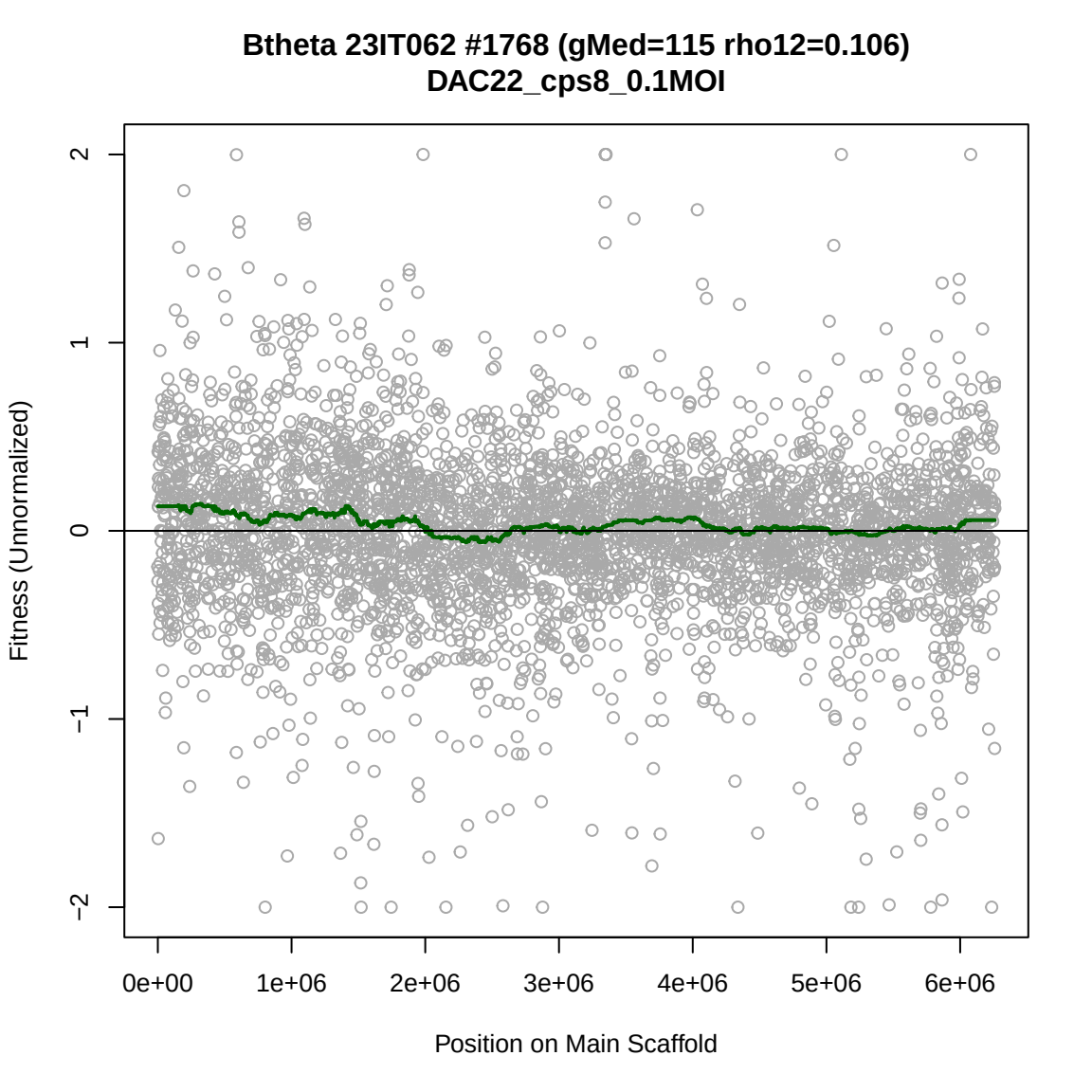

Btheta 23IT057 #1763 (gMed=103 rho12=0.115)
DAC15 _cps3_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

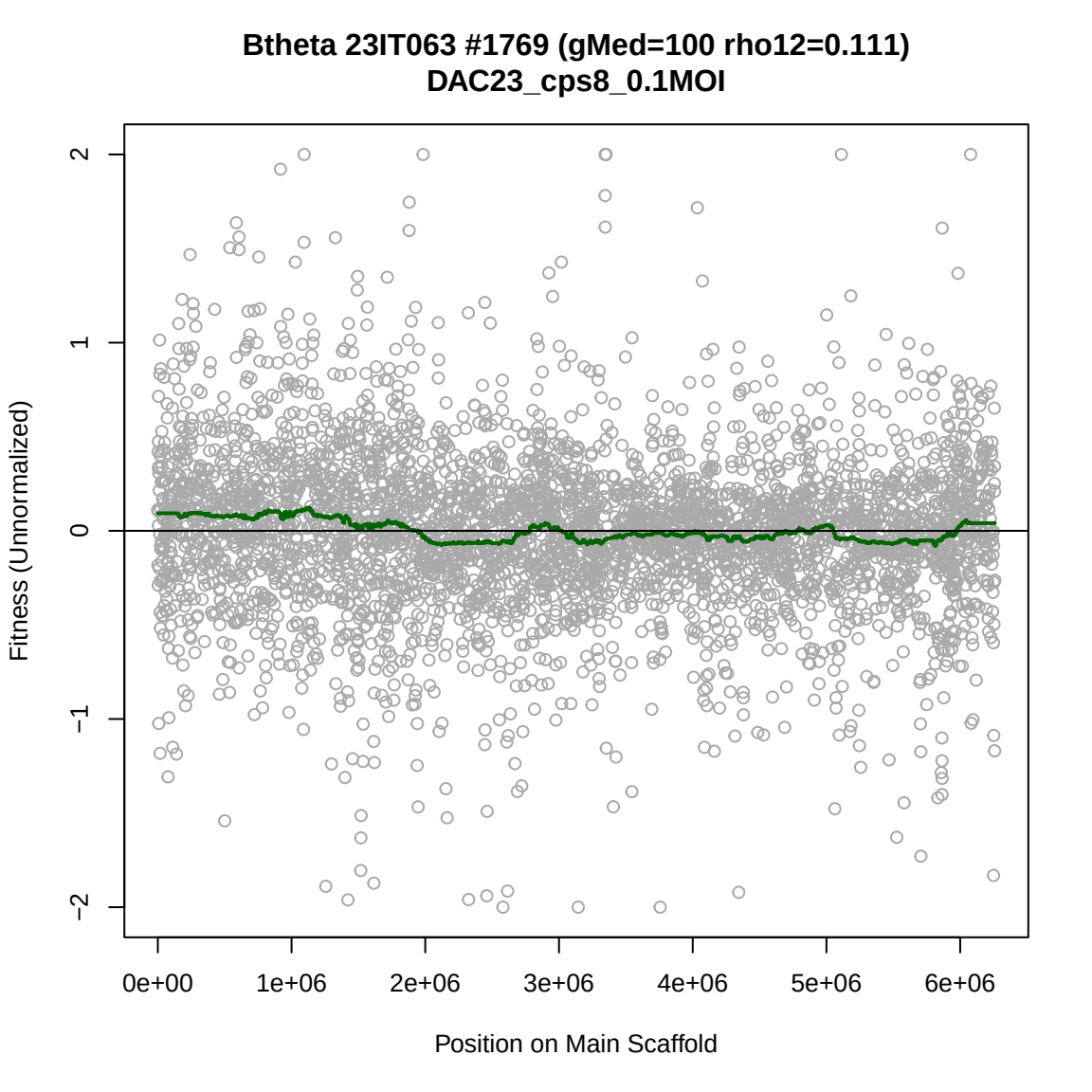

Btheta 23IT058 #1764 (gMed=105 rho12=0.131)
DAC16_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

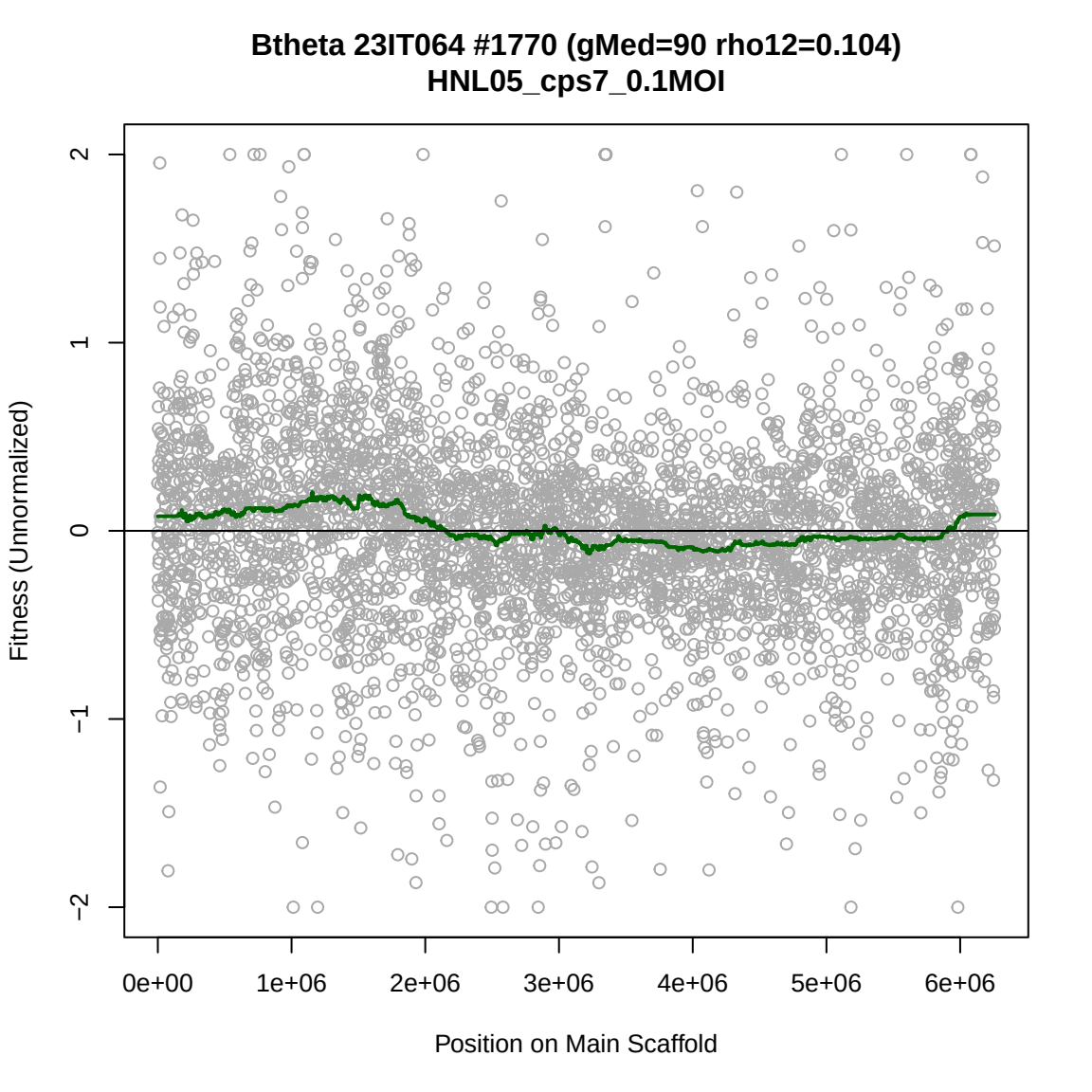

Btheta 23IT059 #1765 (gMed=93 rho12=0.095)
DAC17_cps3_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

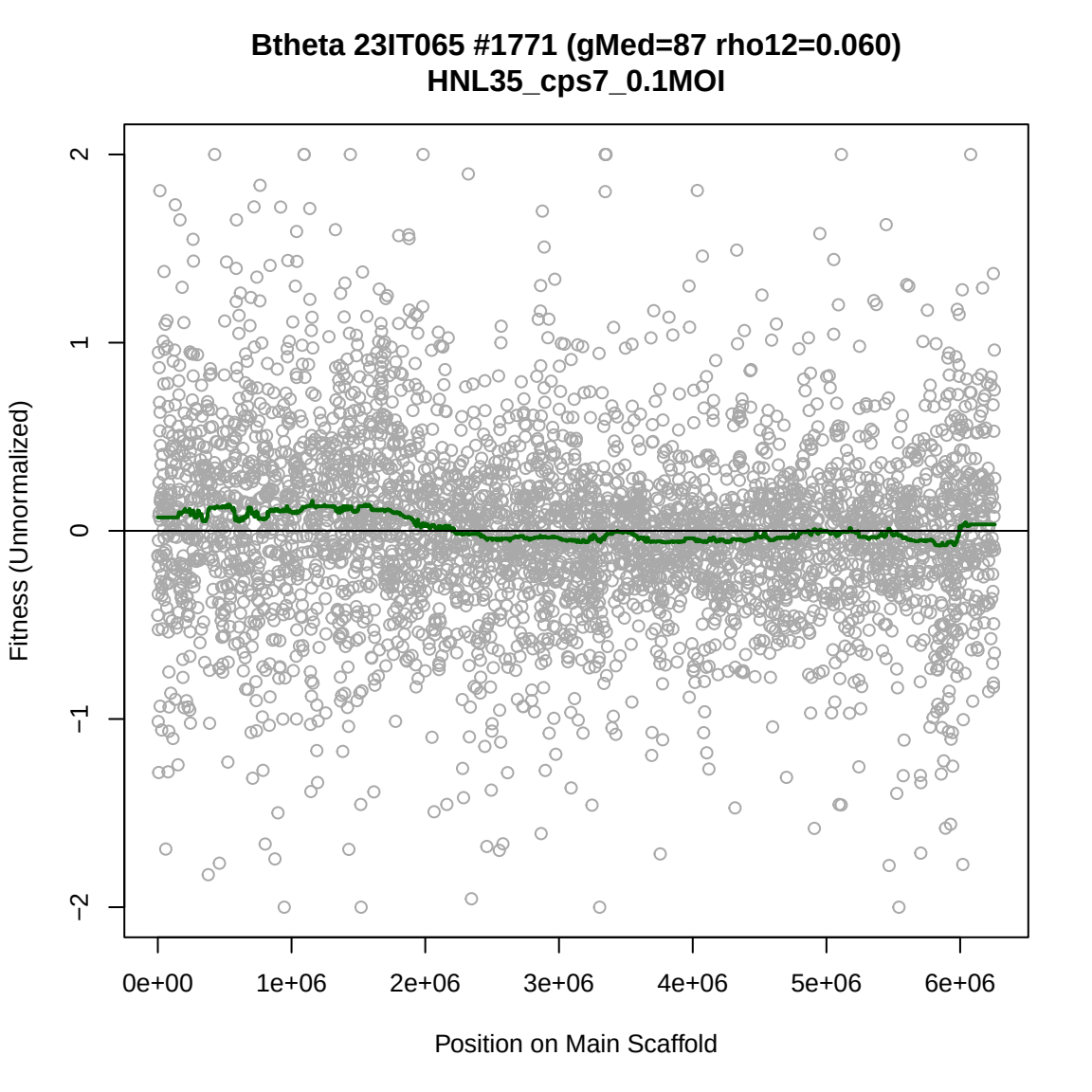

Btheta 23IT060 #1766 (gMed=90 rho12=0.110)
DAC19_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

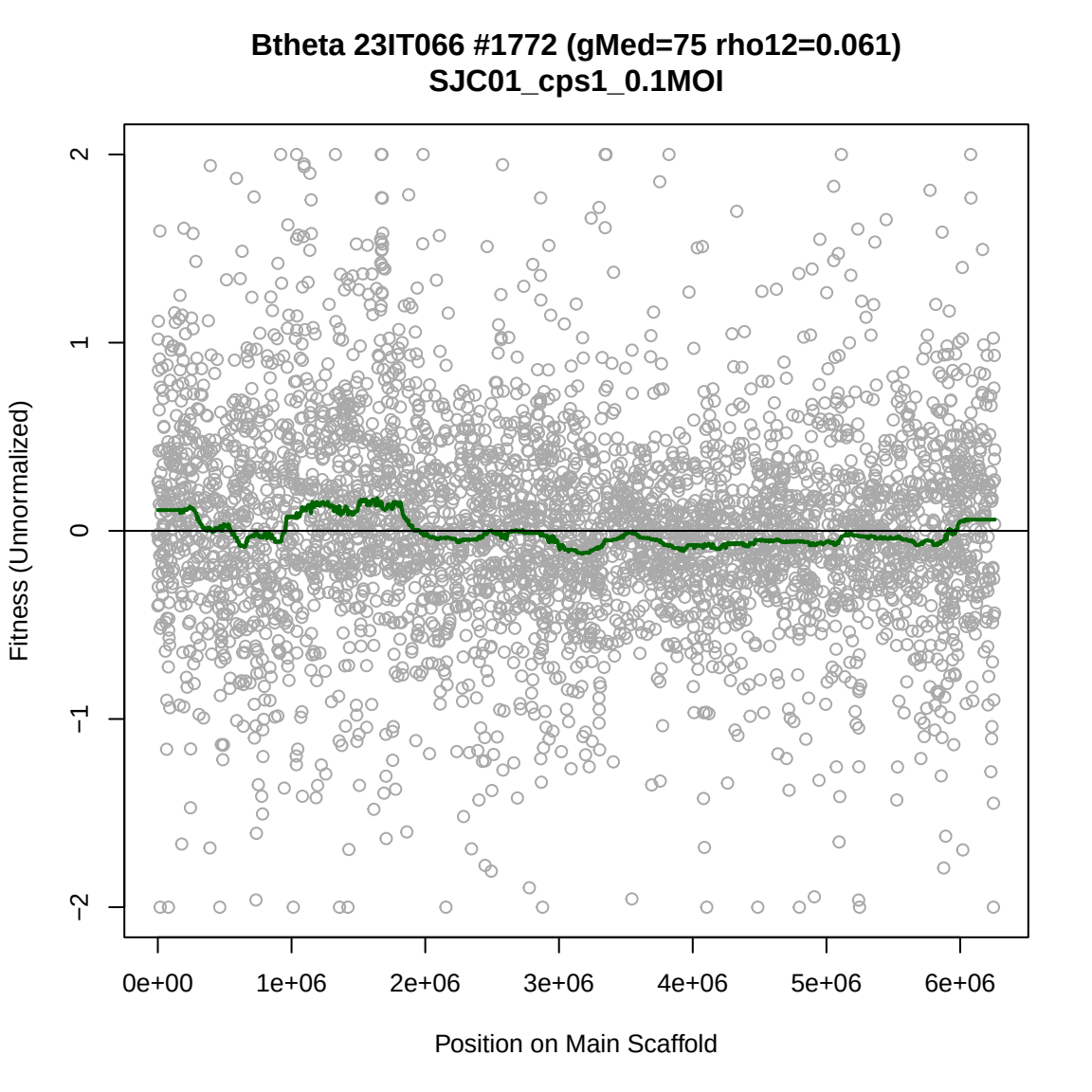

Btheta 23IT061 #1767 (gMed=113 rho12=0.108)
DAC20_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

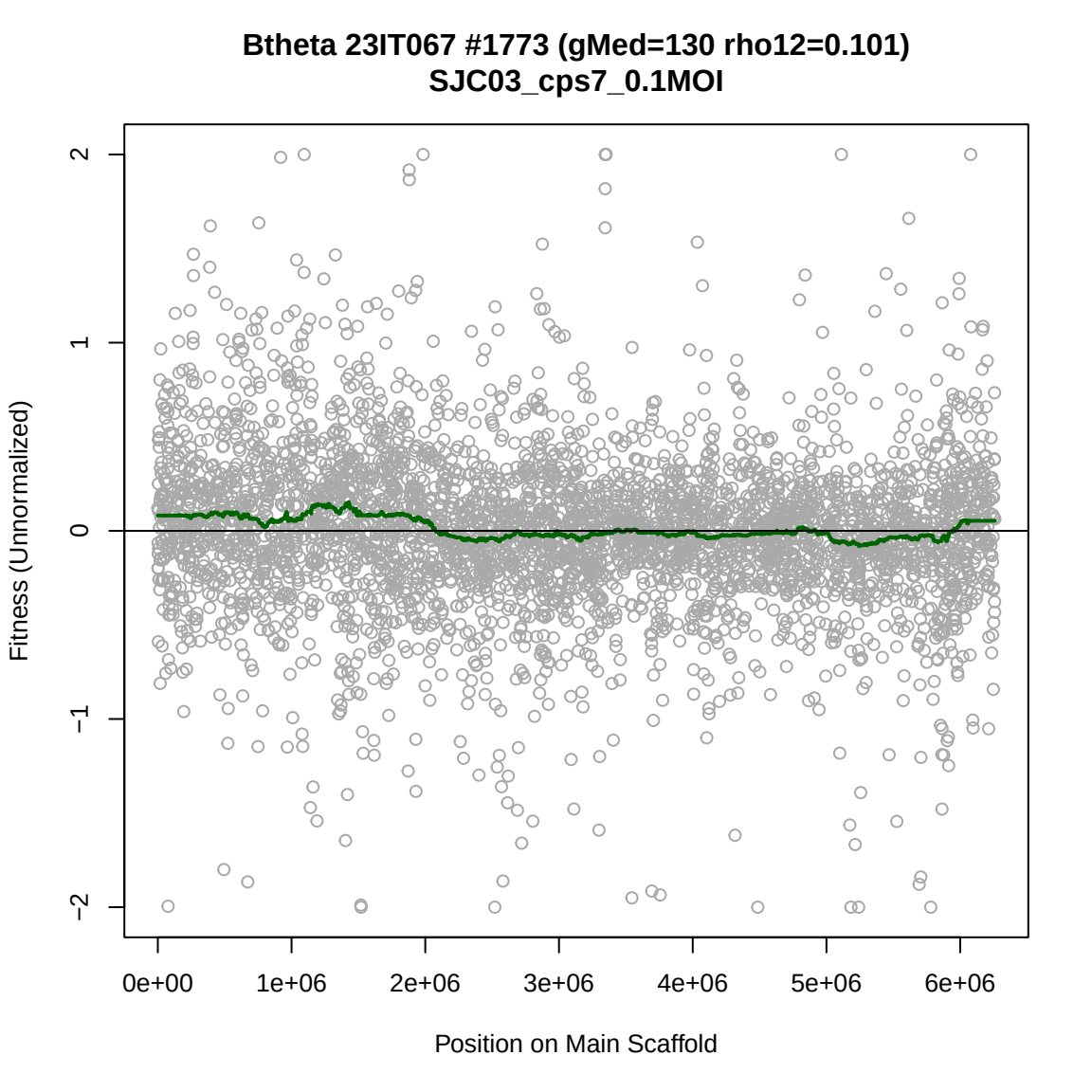

Btheta 23IT062 #1768 (gMed=115 rho12=0.106)
DAC22_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

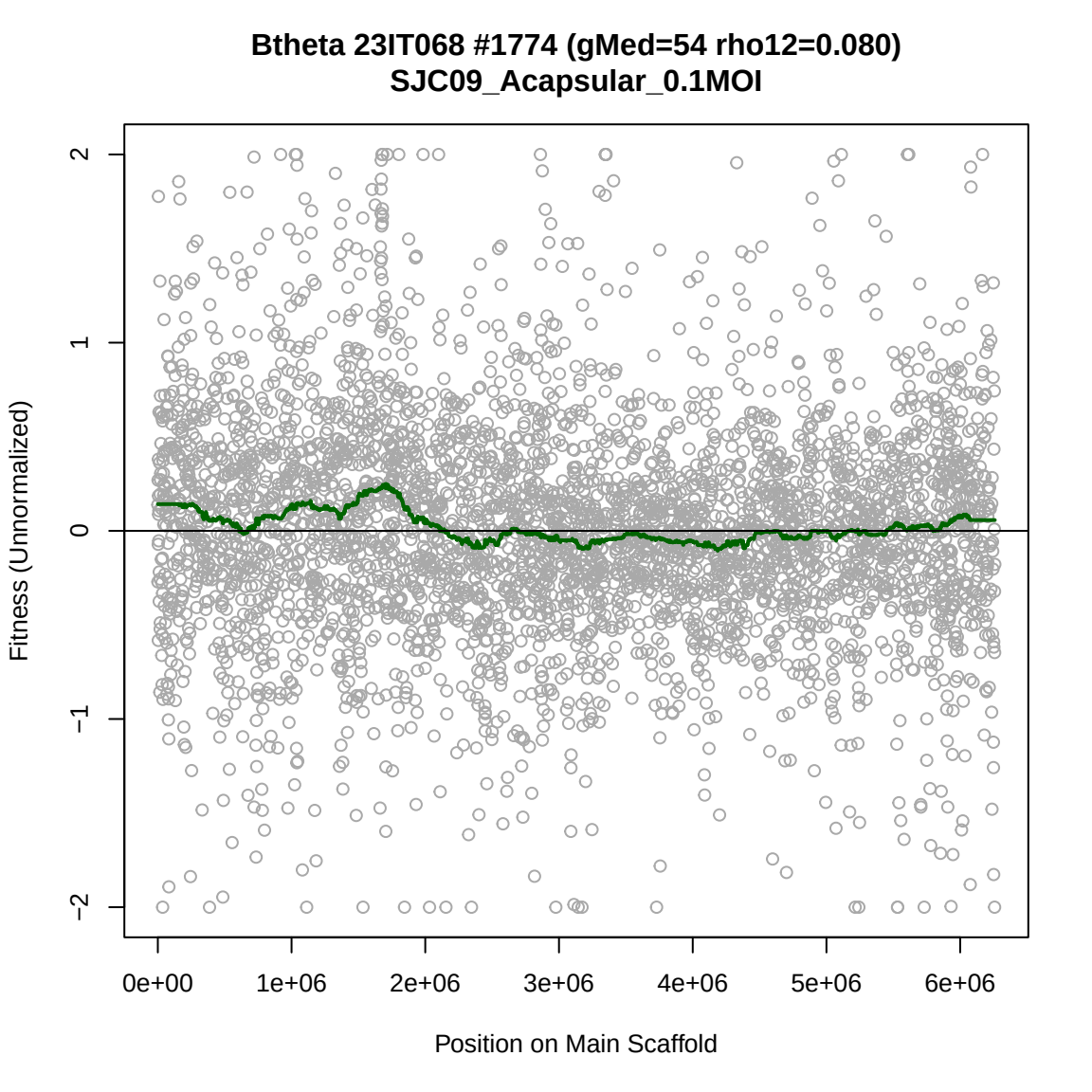

Btheta 23IT063 #1769 (gMed=100 rho12=0.111)
DAC23_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

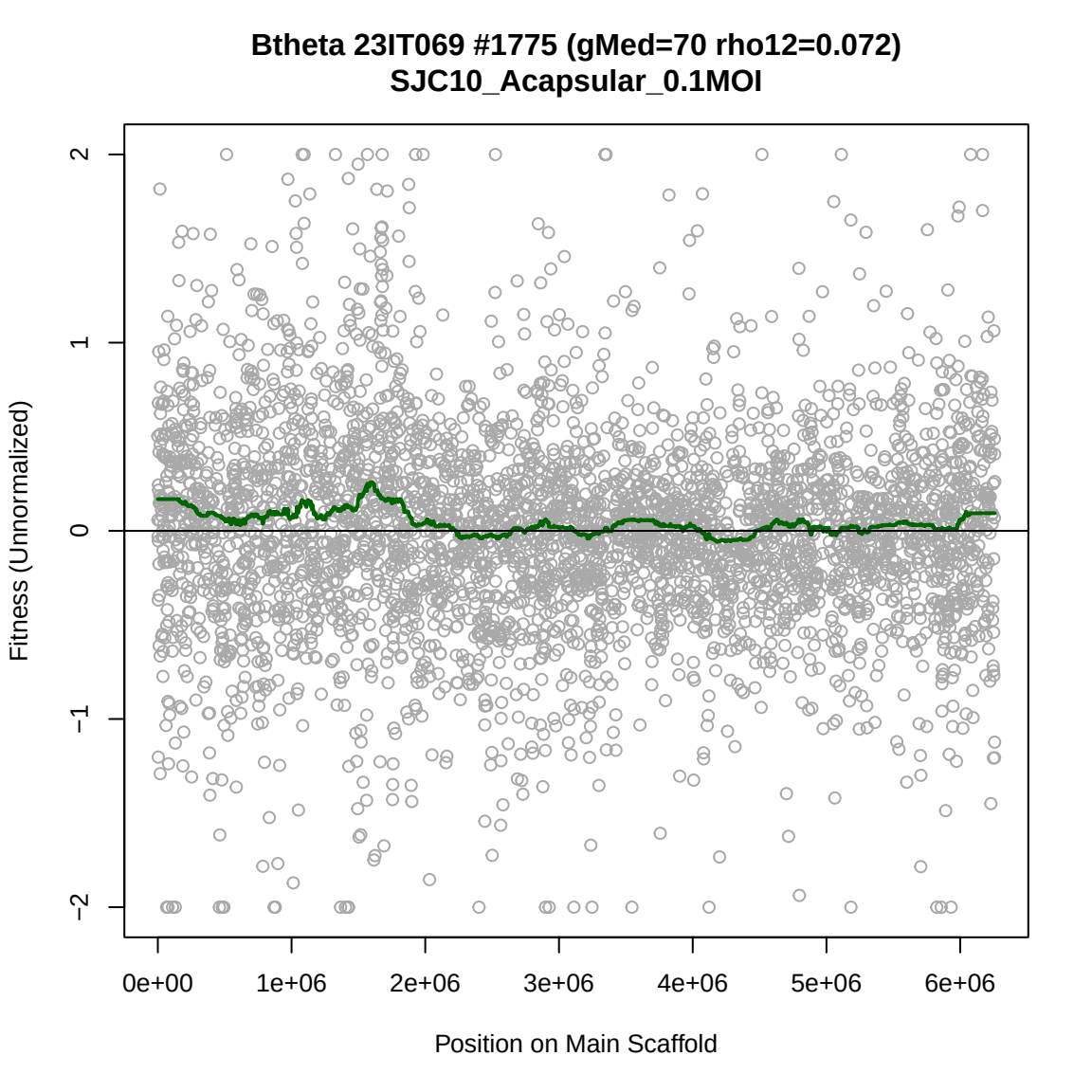

Btheta 23IT064 #1770 (gMed=90 rho12=0.104)
HNL05_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

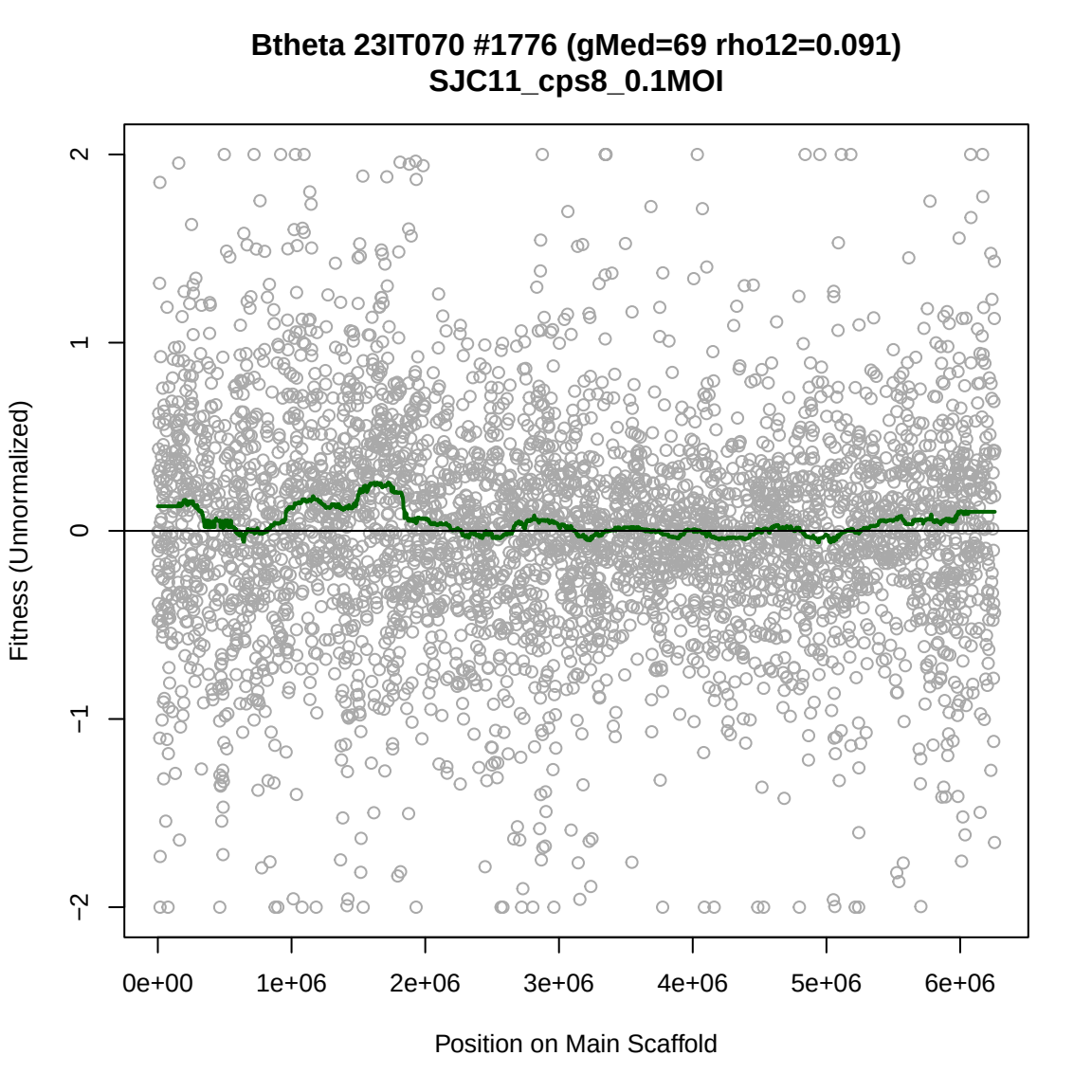

Btheta 23IT065 #1771 (gMed=87 rho12=0.060)
HNL35_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

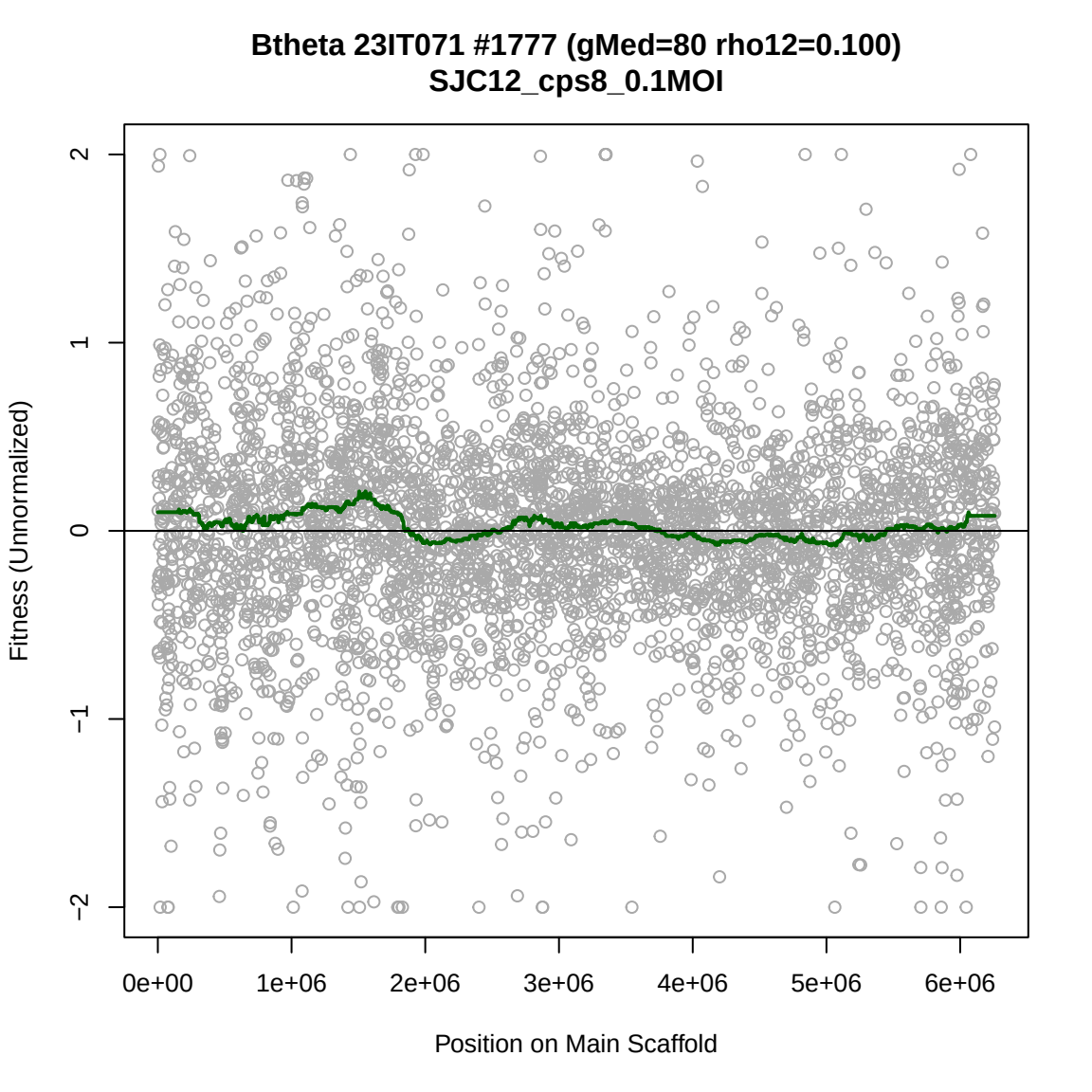

Btheta 23IT066 #1772 (gMed=75 rho12=0.061)
SJC01_cps1_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

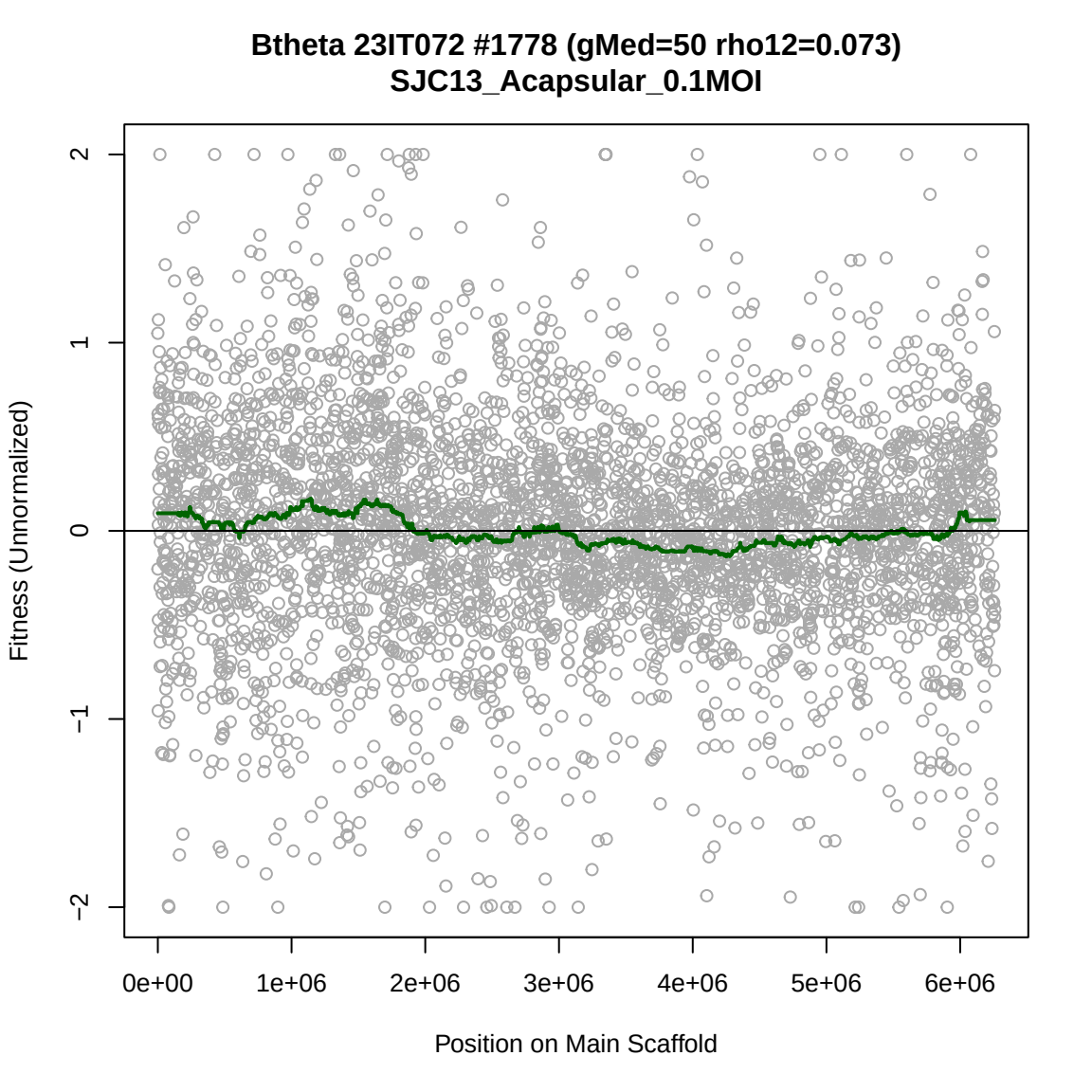

Btheta 23IT067 #1773 (gMed=130 rho12=0.101)
SJC03_cps7_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

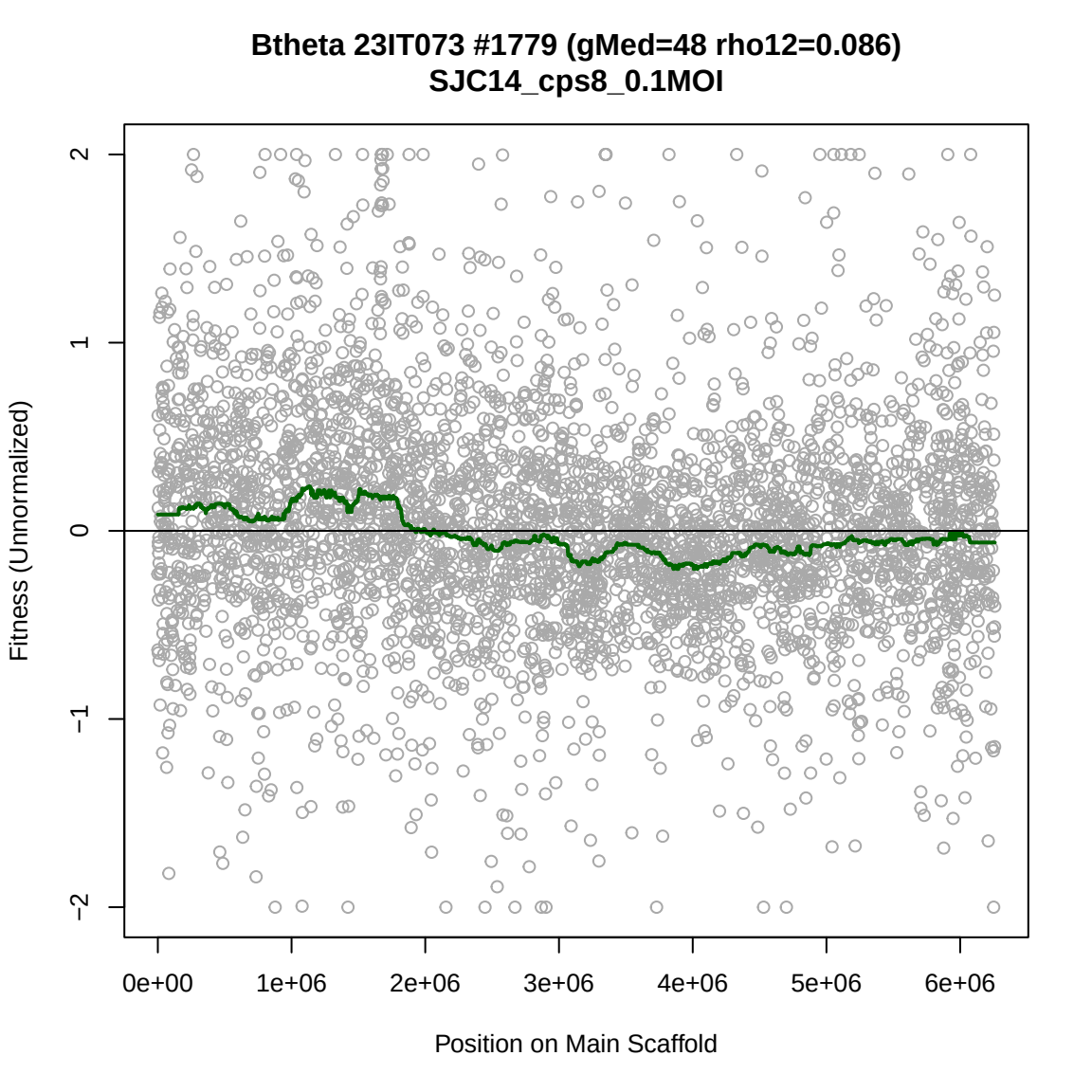

Btheta 23IT068 #1774 (gMed=54 rho12=0.080)
SJC09_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

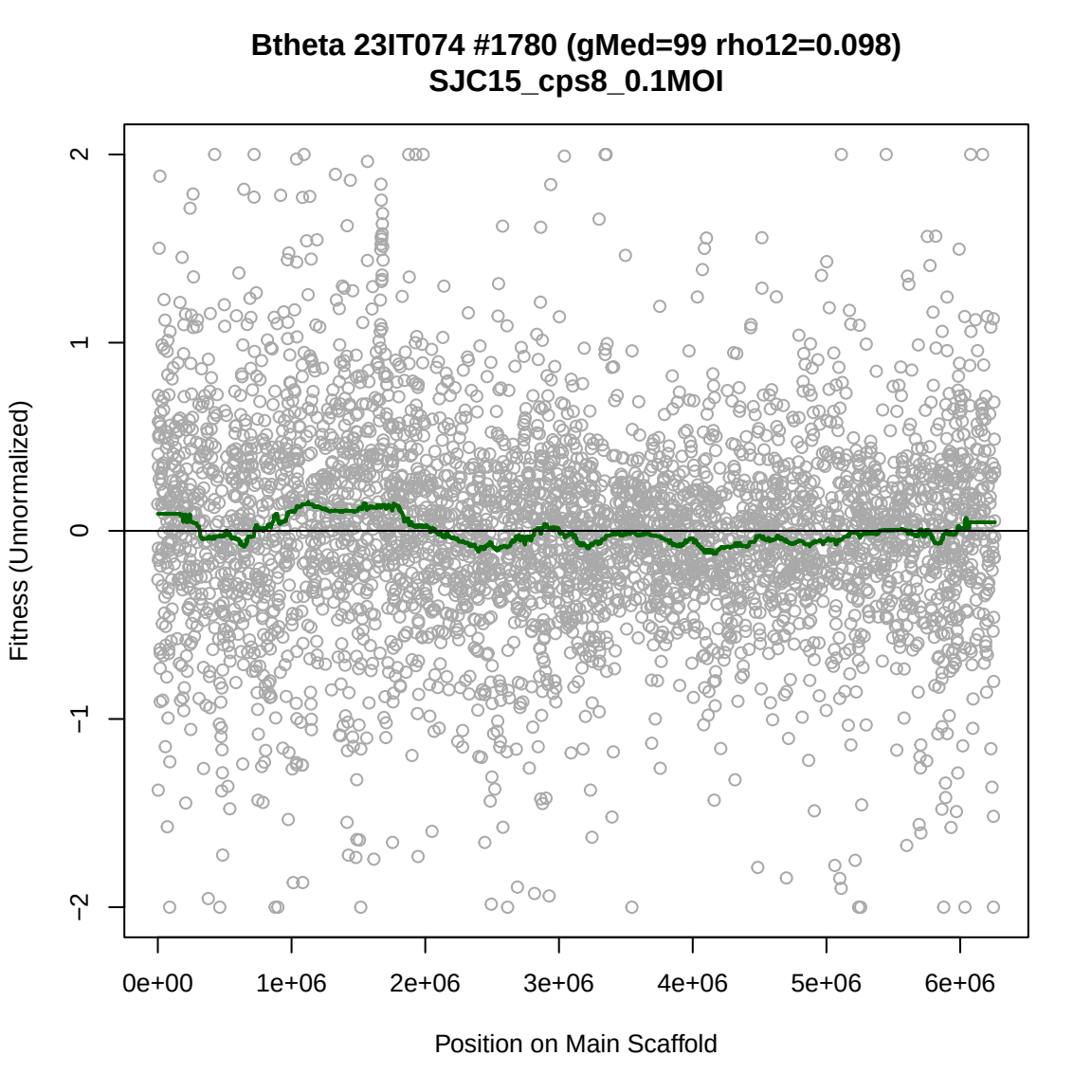

Btheta 23IT069 #1775 (gMed=70 rho12=0.072)
SJC10_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

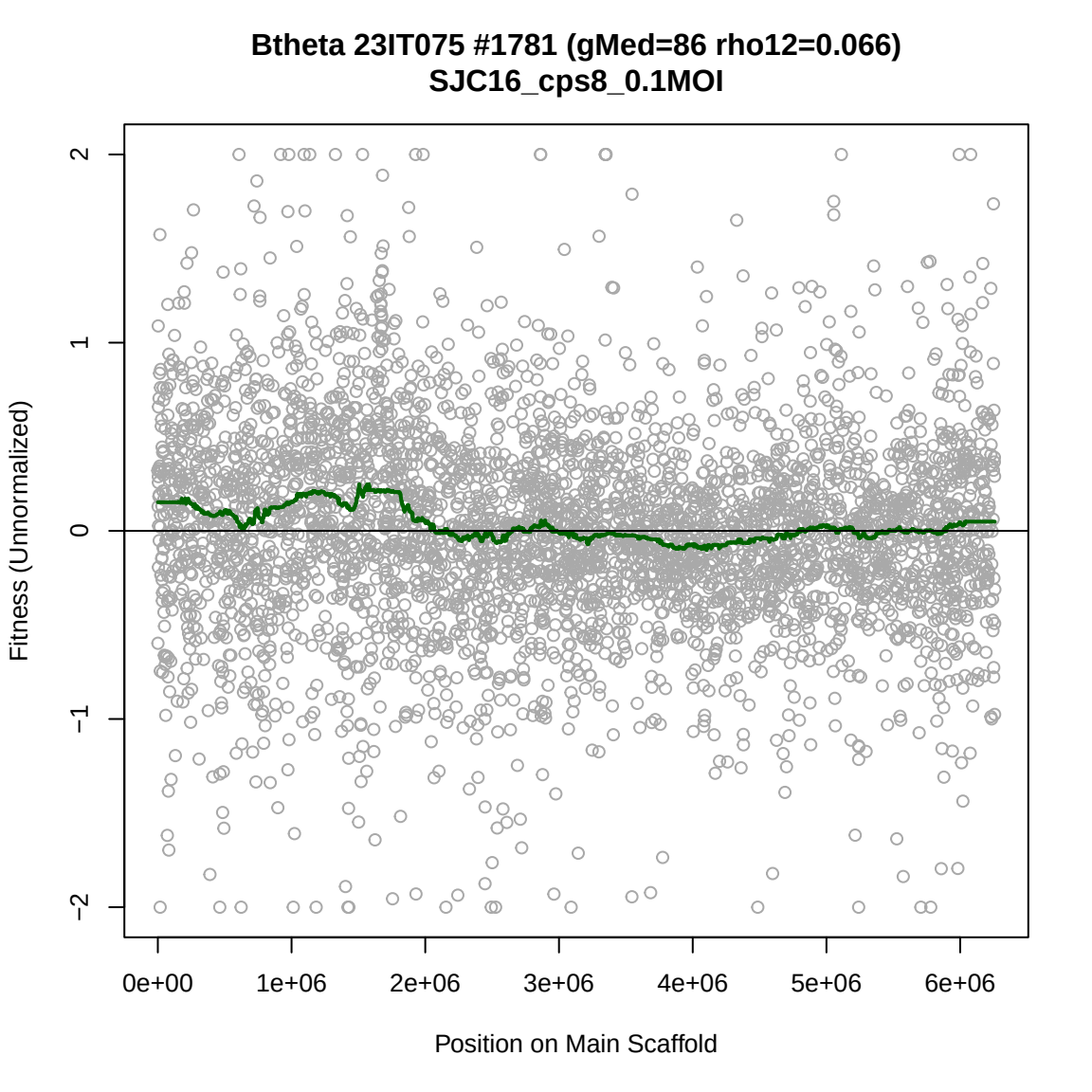

Btheta 23IT070 #1776 (gMed=69 rho12=0.091)
SJC11_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

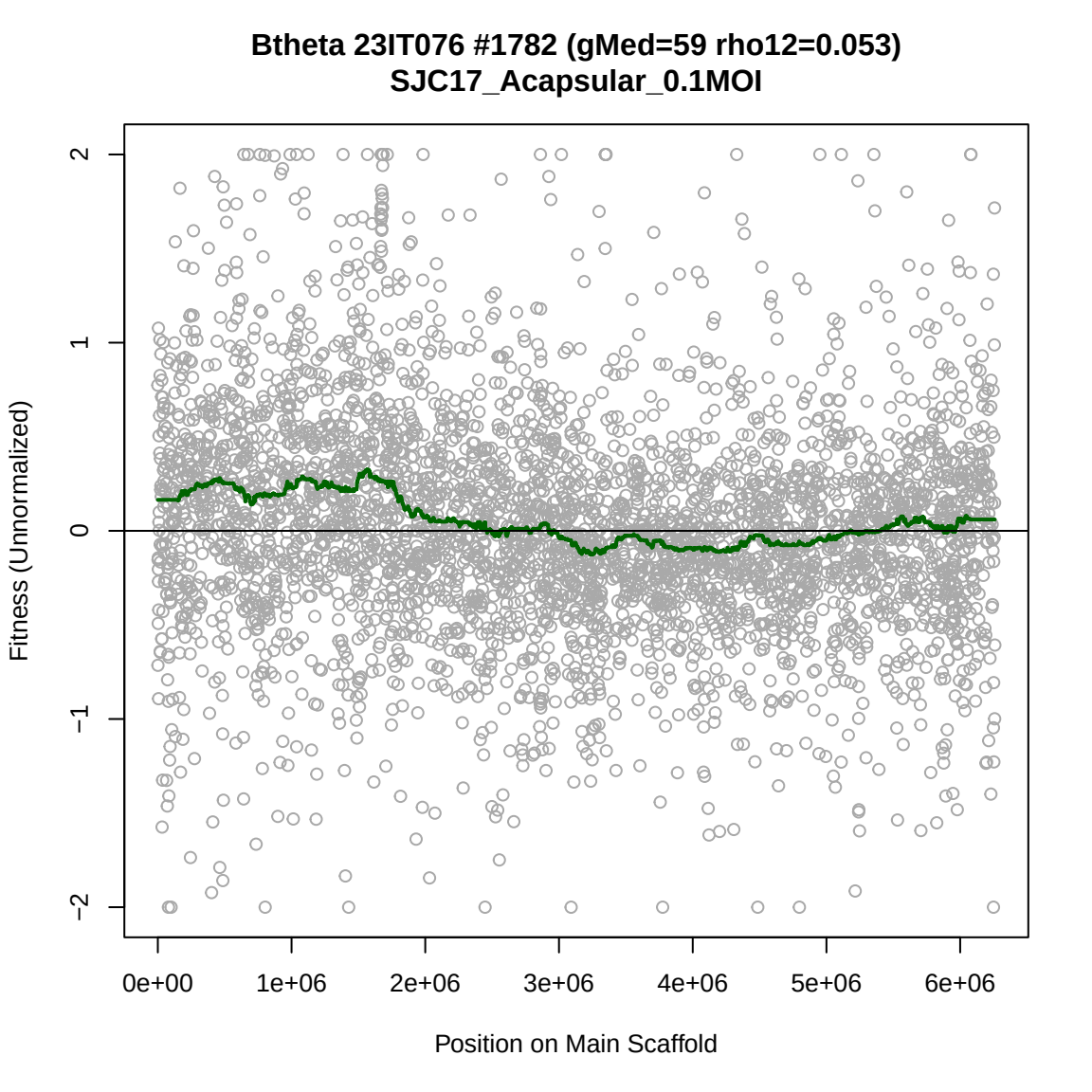

Btheta 23IT071 #1777 (gMed=80 rho12=0.100)
SJC12_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

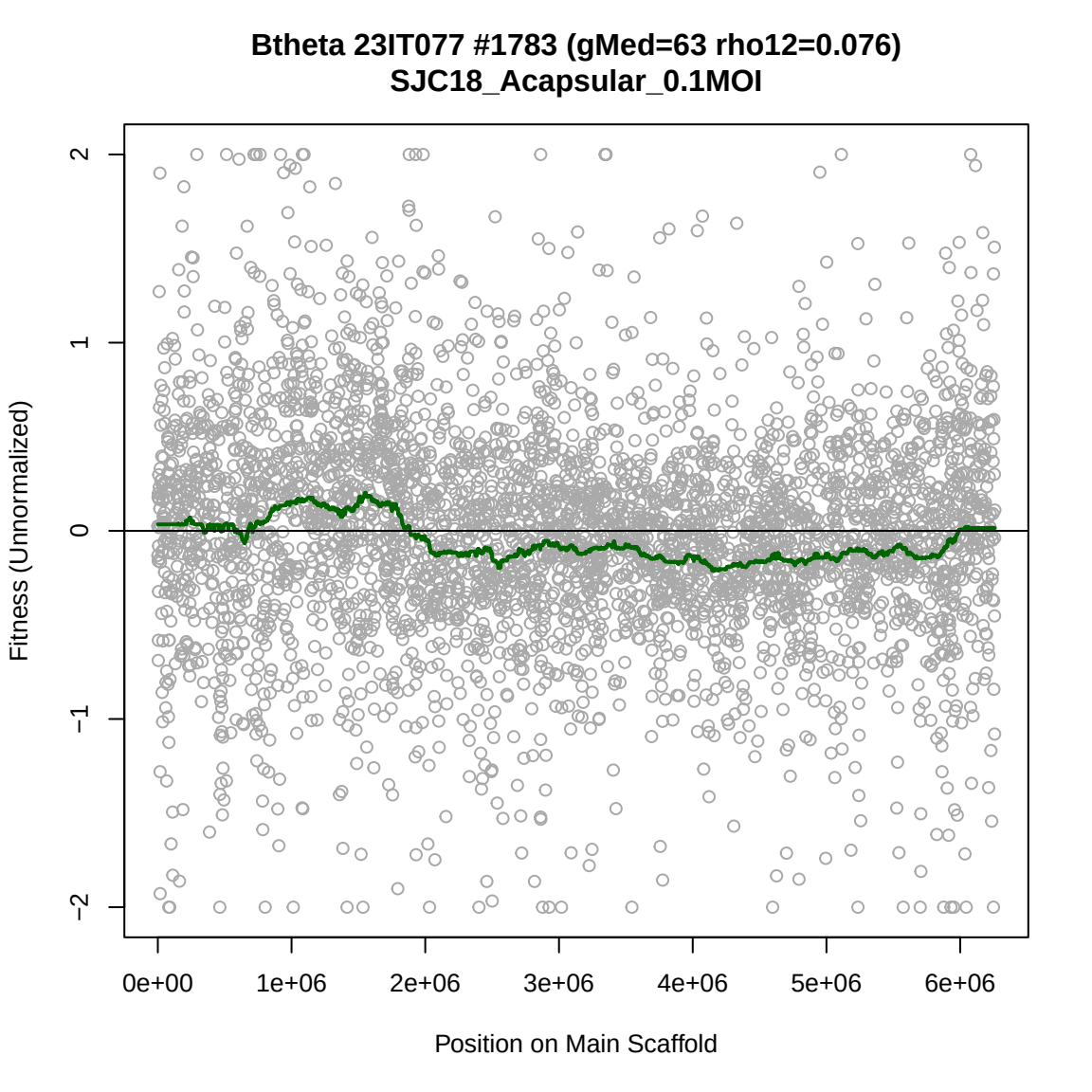

Btheta 23IT072 #1778 (gMed=50 rho12=0.073)
SJC13_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

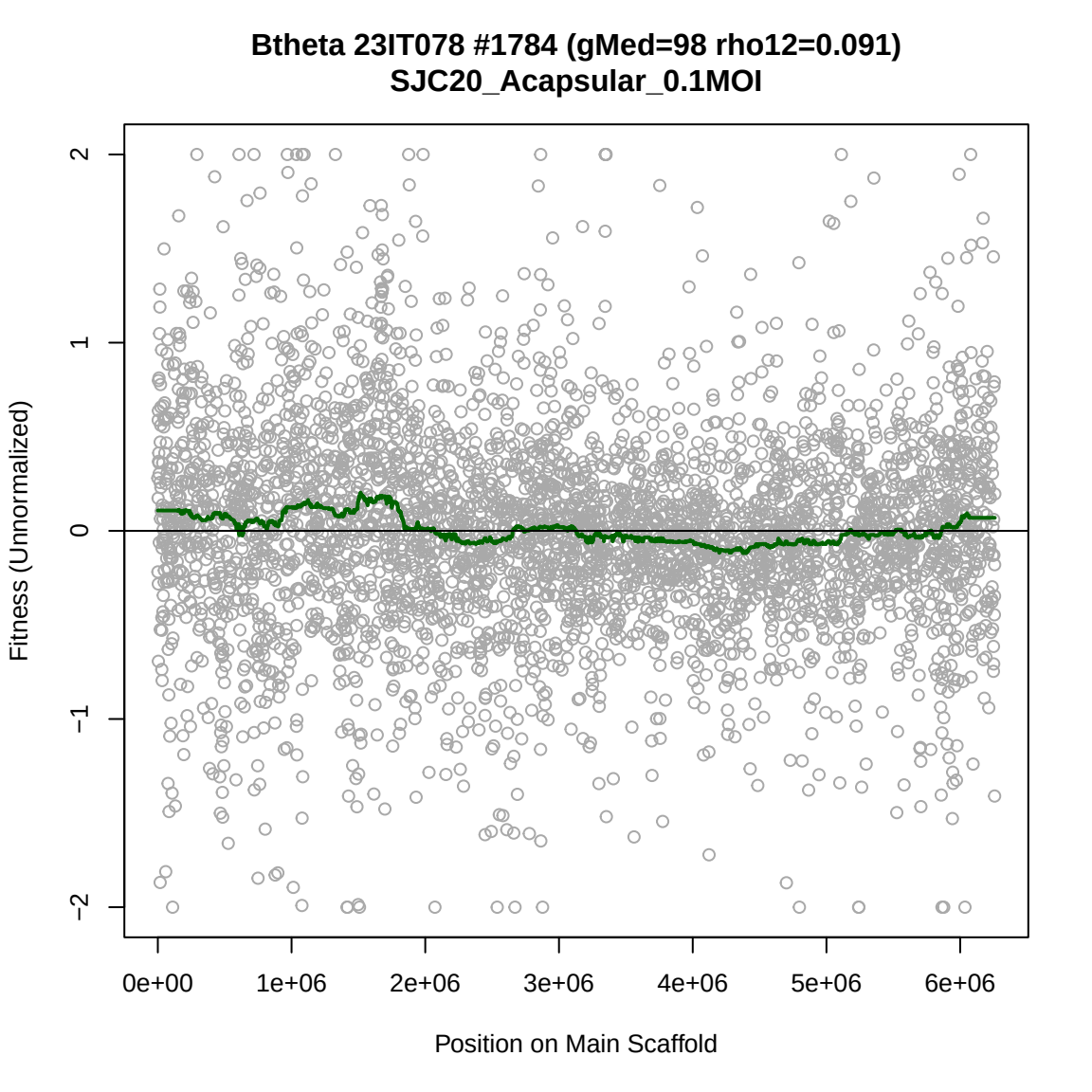

Btheta 23IT073 #1779 (gMed=48 rho12=0.086)
SJC14_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

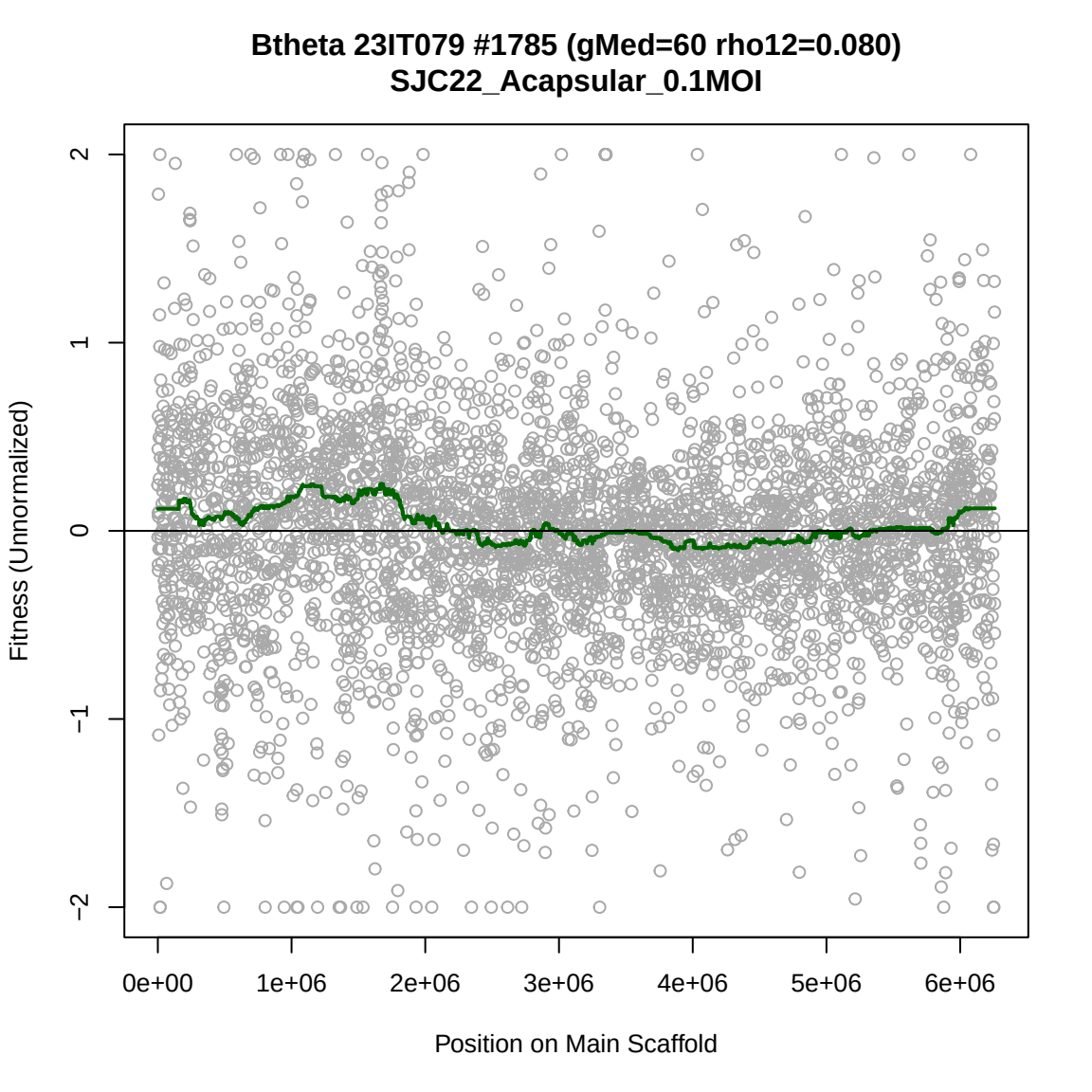

Btheta 23IT074 #1780 (gMed=99 rho12=0.098)
SJC15_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

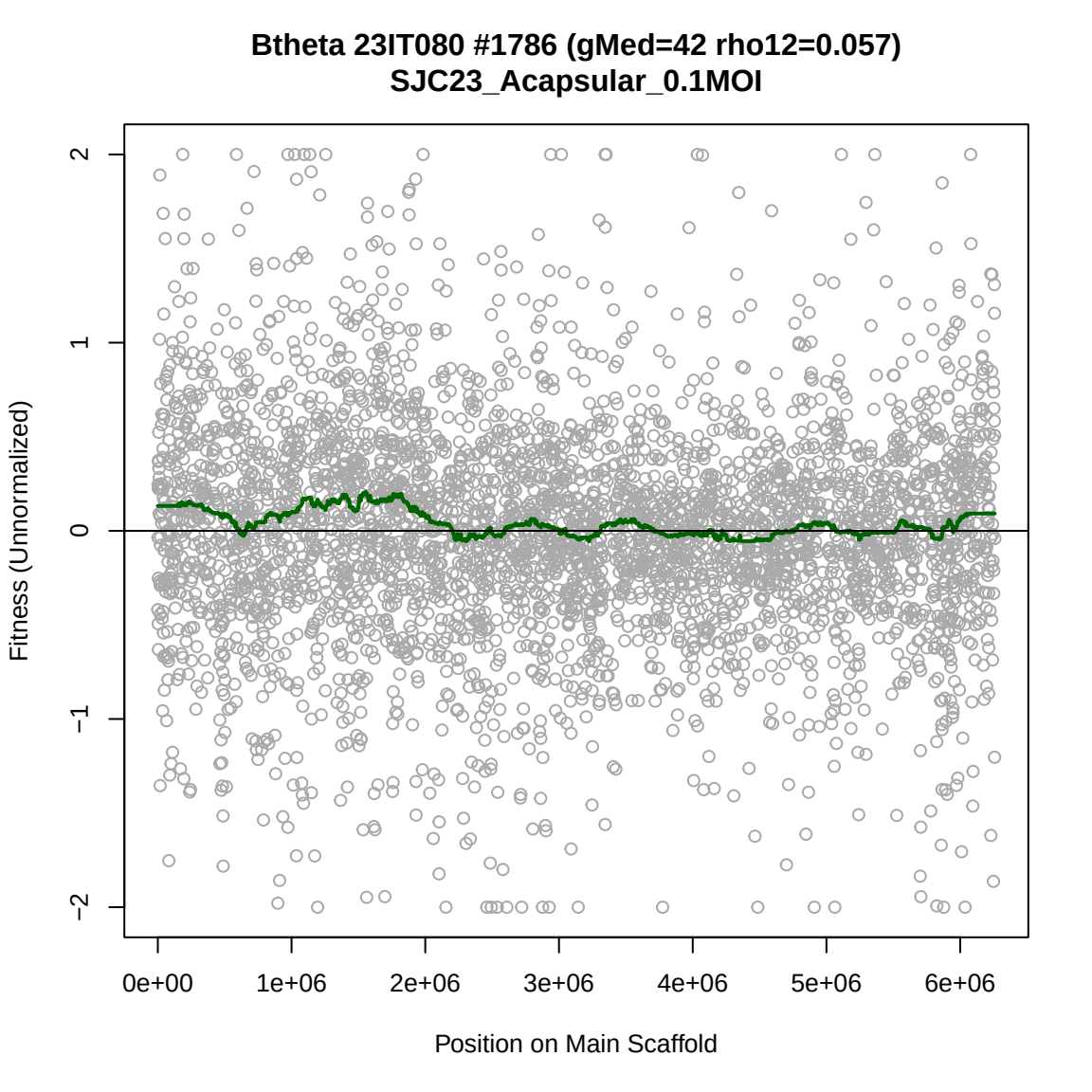

Btheta 23IT075 #1781 (gMed=86 rho12=0.066)
SJC16_cps8_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

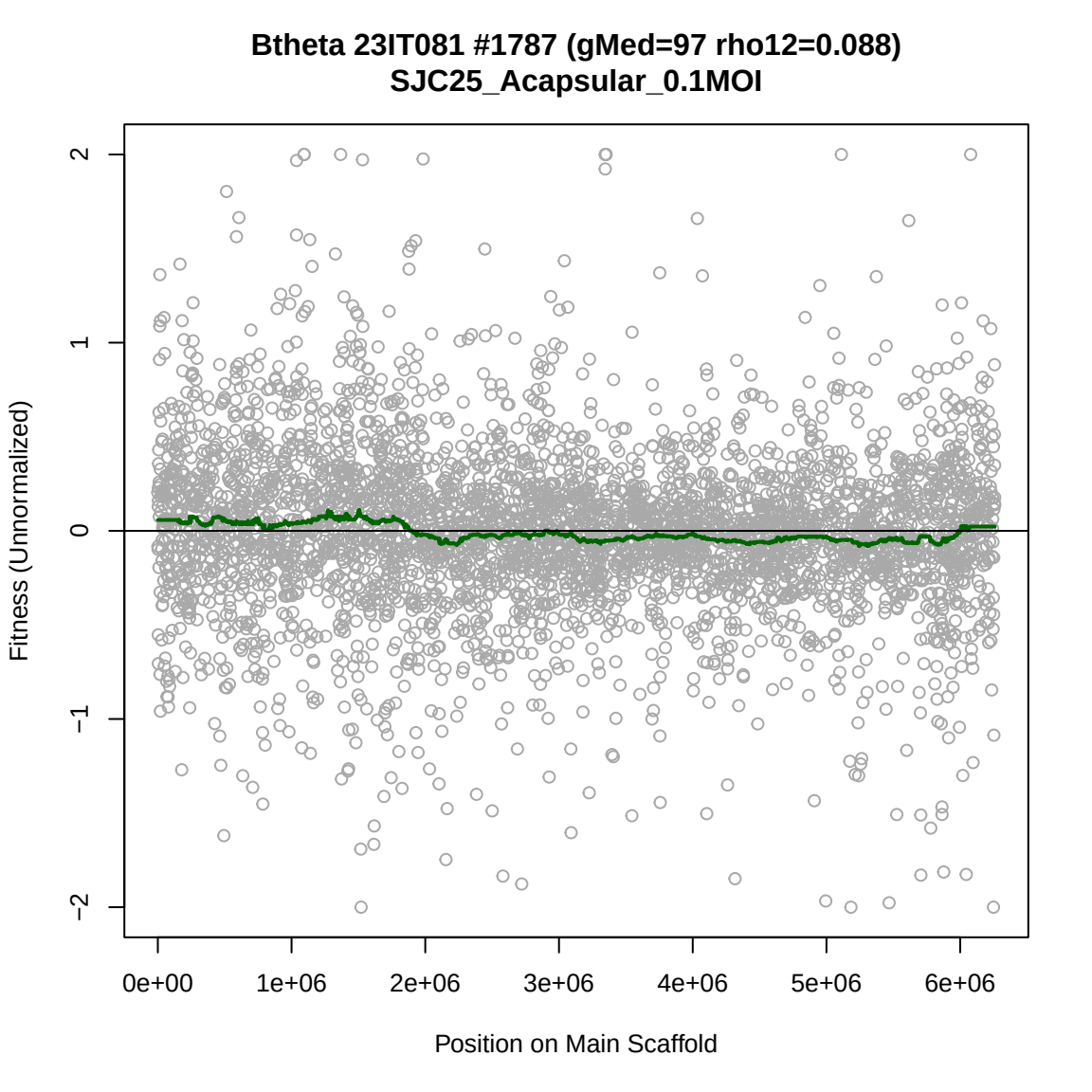

Btheta 23IT076 #1782 (gMed=59 rho12=0.053)
SJC17_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

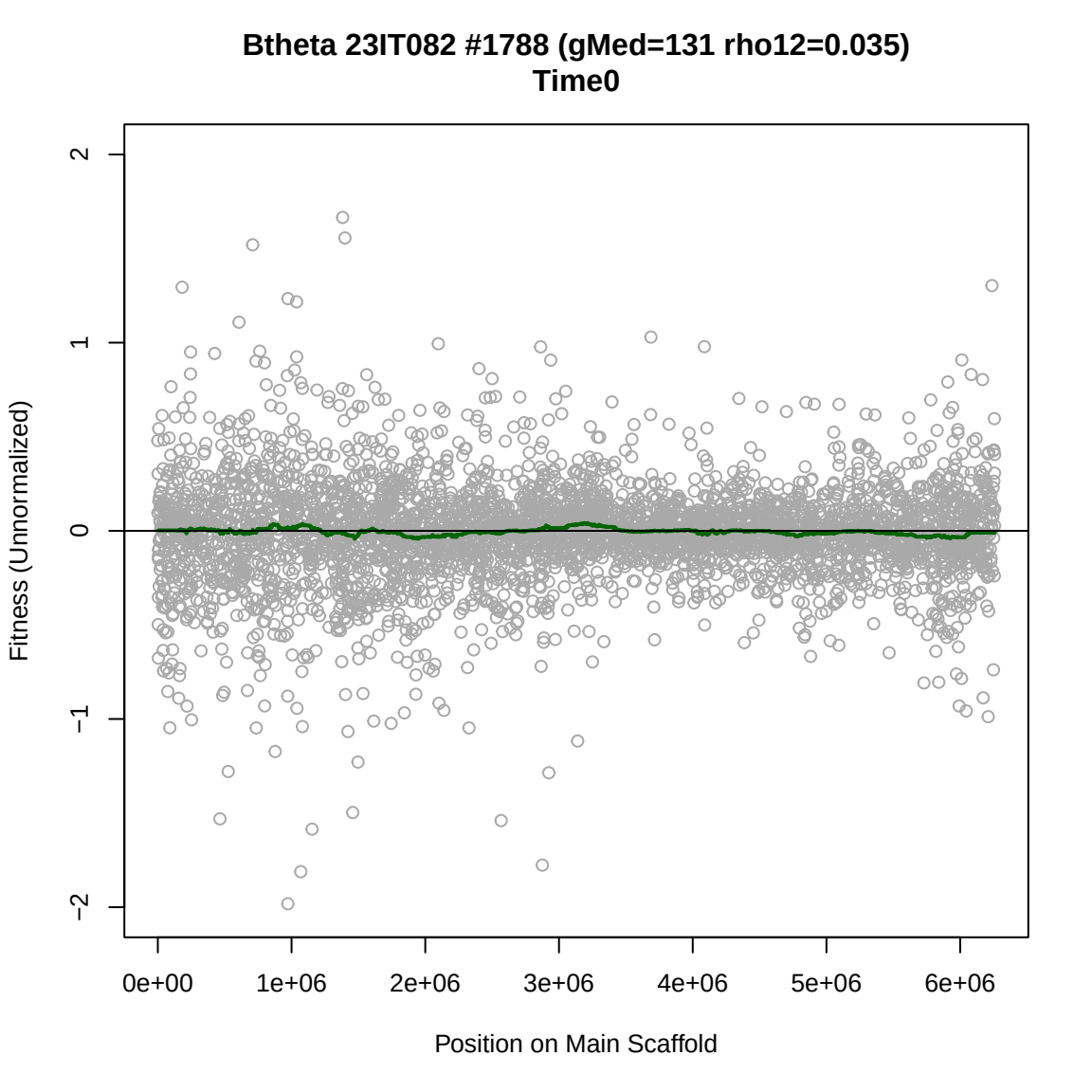

Btheta 23IT077 #1783 (gMed=63 rho12=0.076)
SJC18_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

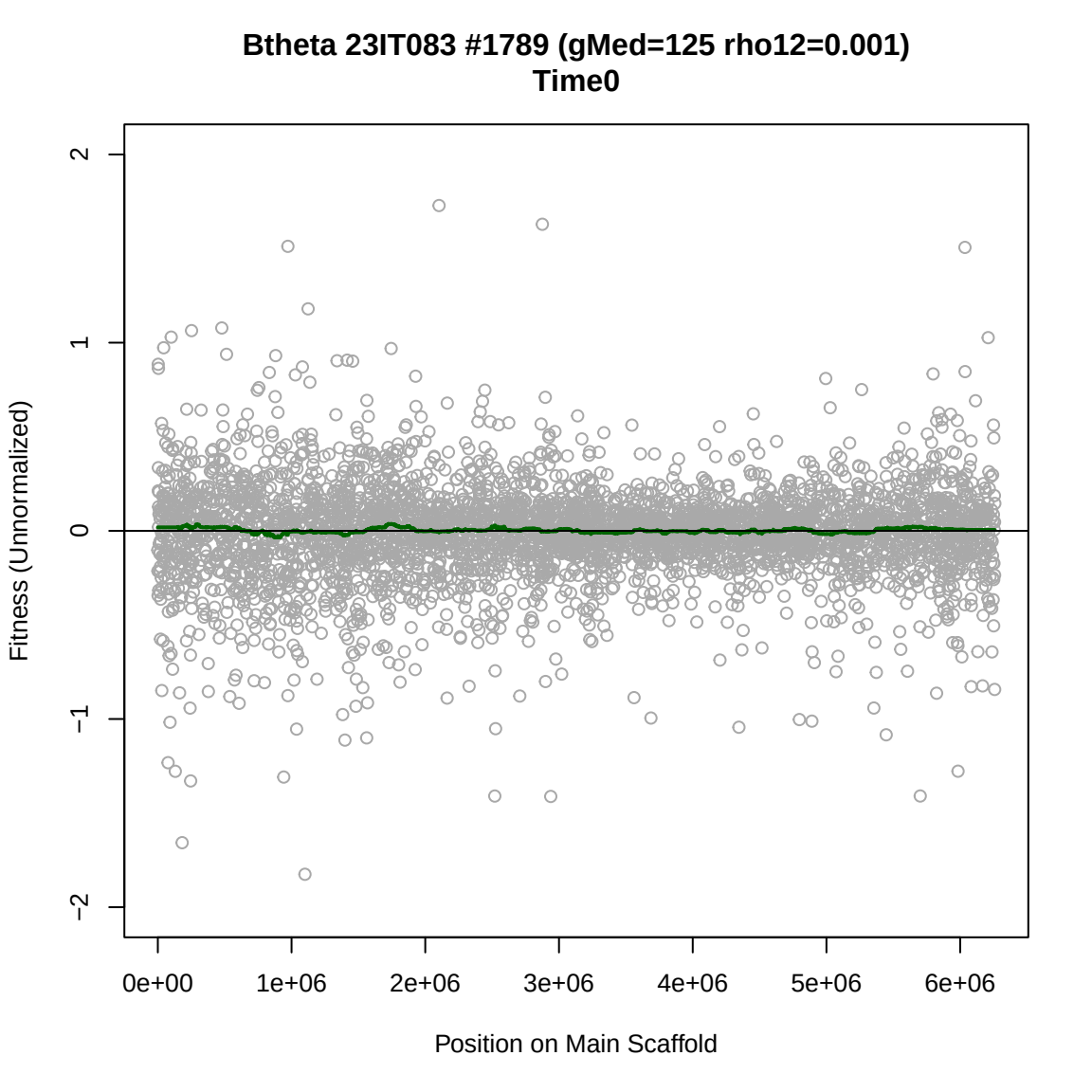

Btheta 23IT078 #1784 (gMed=98 rho12=0.091)
SJC20_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

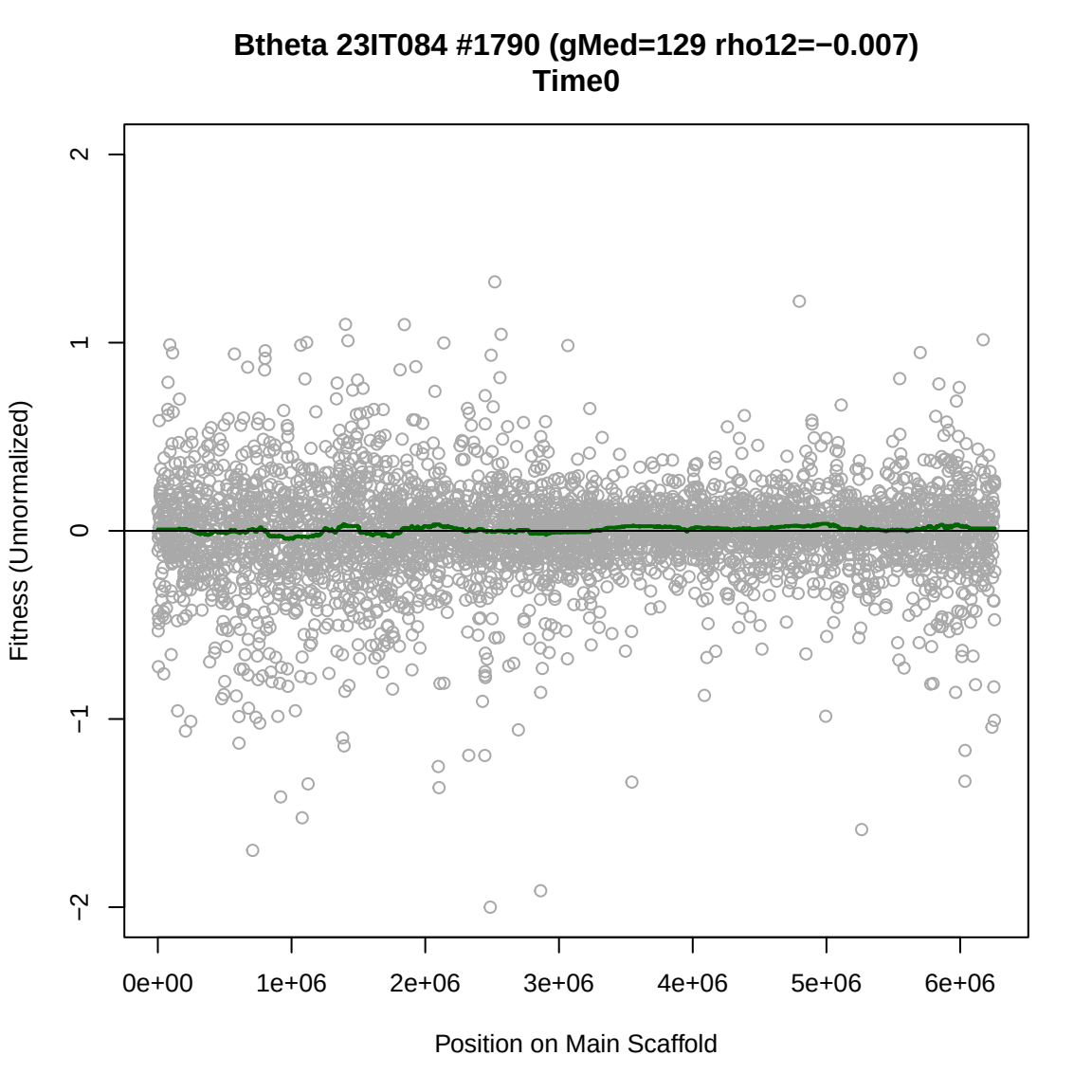

Btheta 23IT079 #1785 (gMed=60 rho12=0.080)
SJC22_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

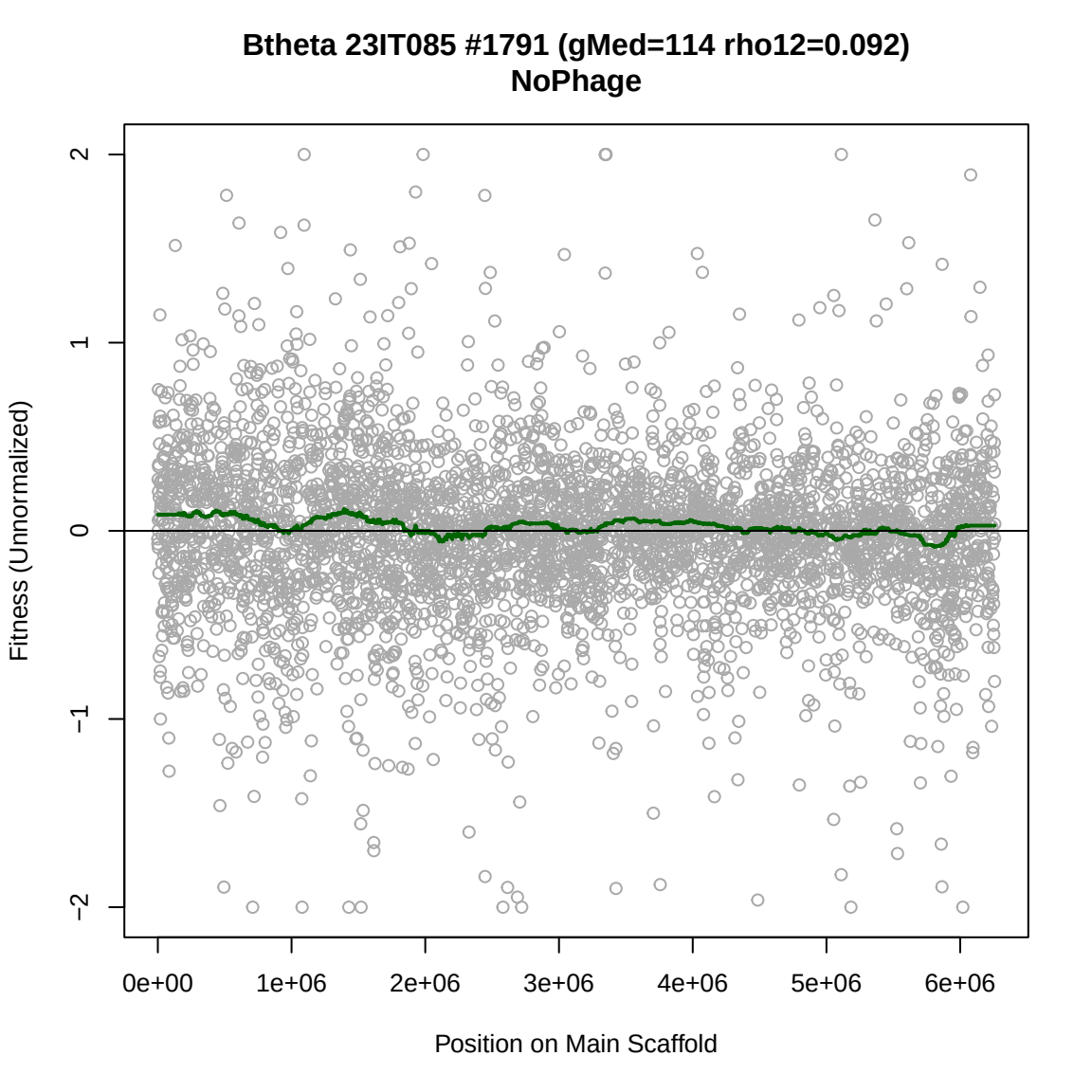

Btheta 23IT080 #1786 (gMed=42 rho12=0.057)
SJC23_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

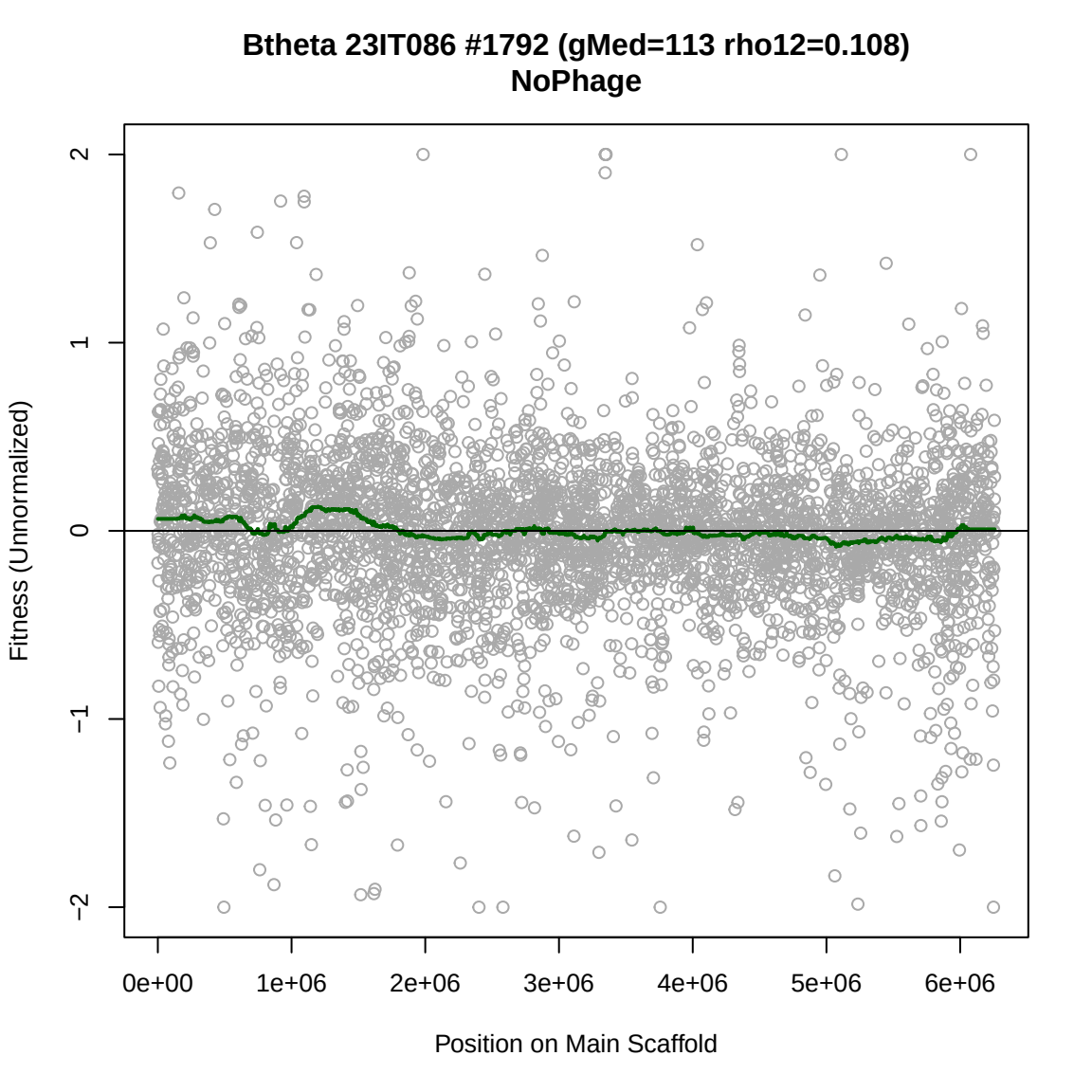

Btheta 23IT081 #1787 (gMed=97 rho12=0.088)
SJC25_Acapsular_0.1MOI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

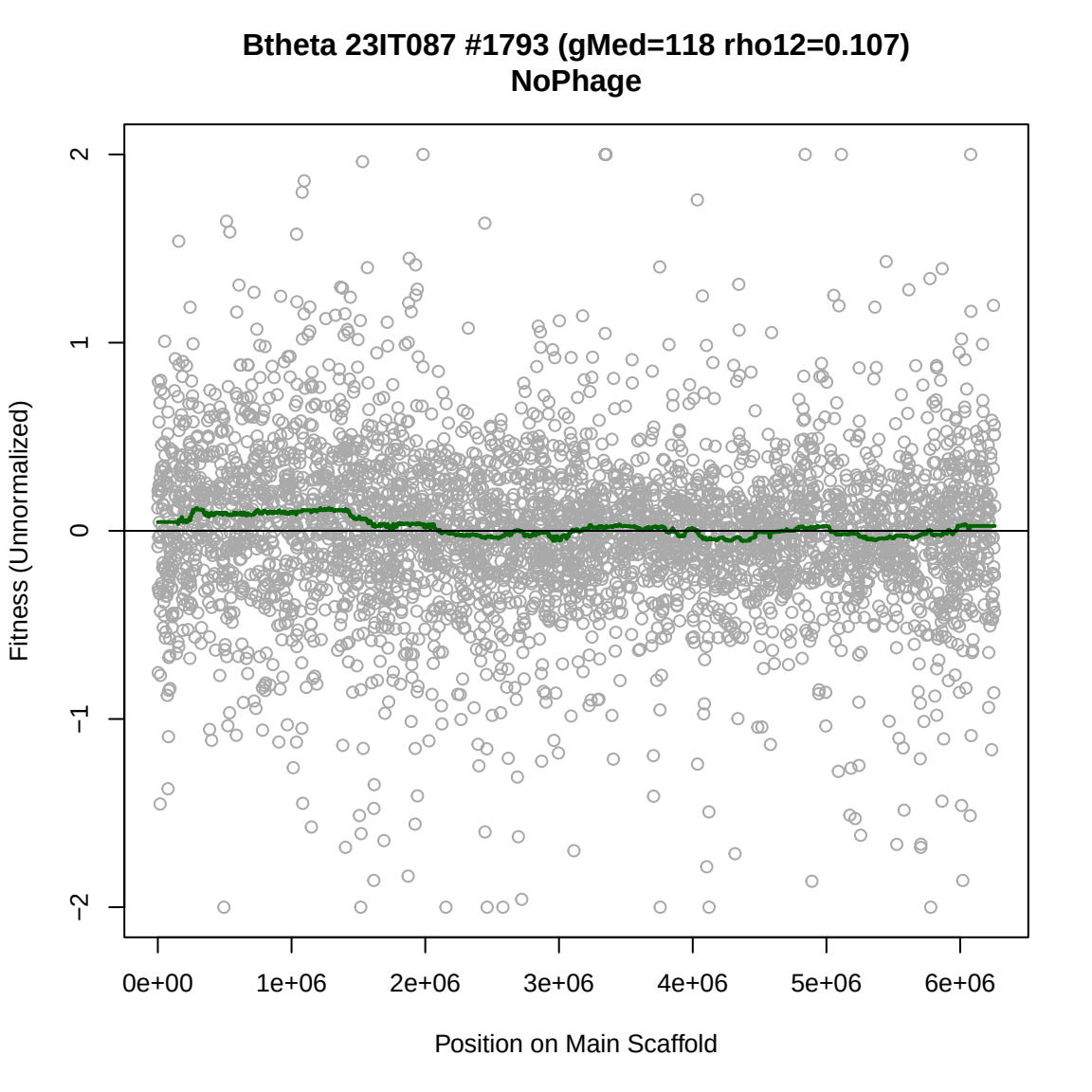

Btheta 23IT082 #1788 (gMed=131 rho12=0.035)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

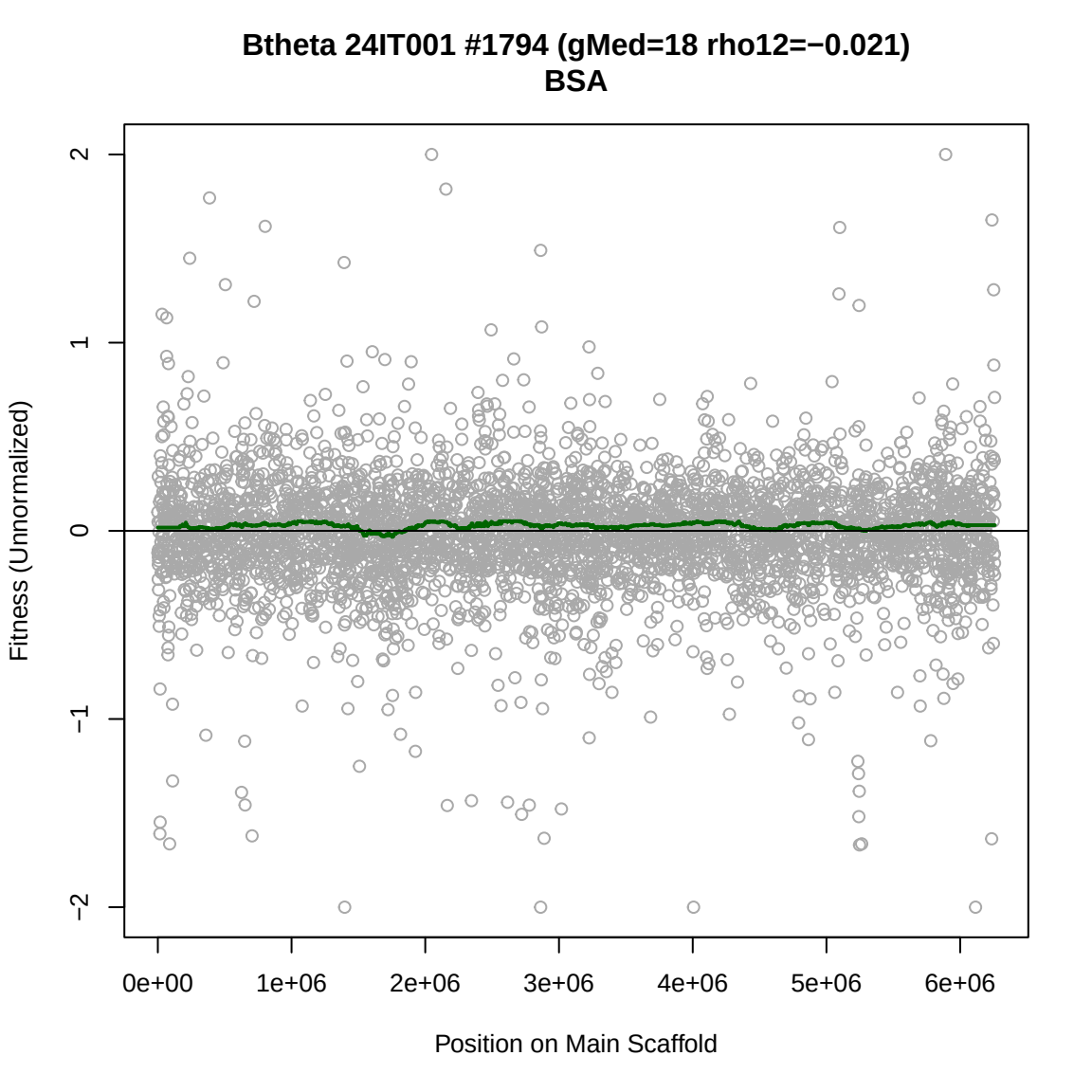

Btheta 23IT083 #1789 (gMed=125 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

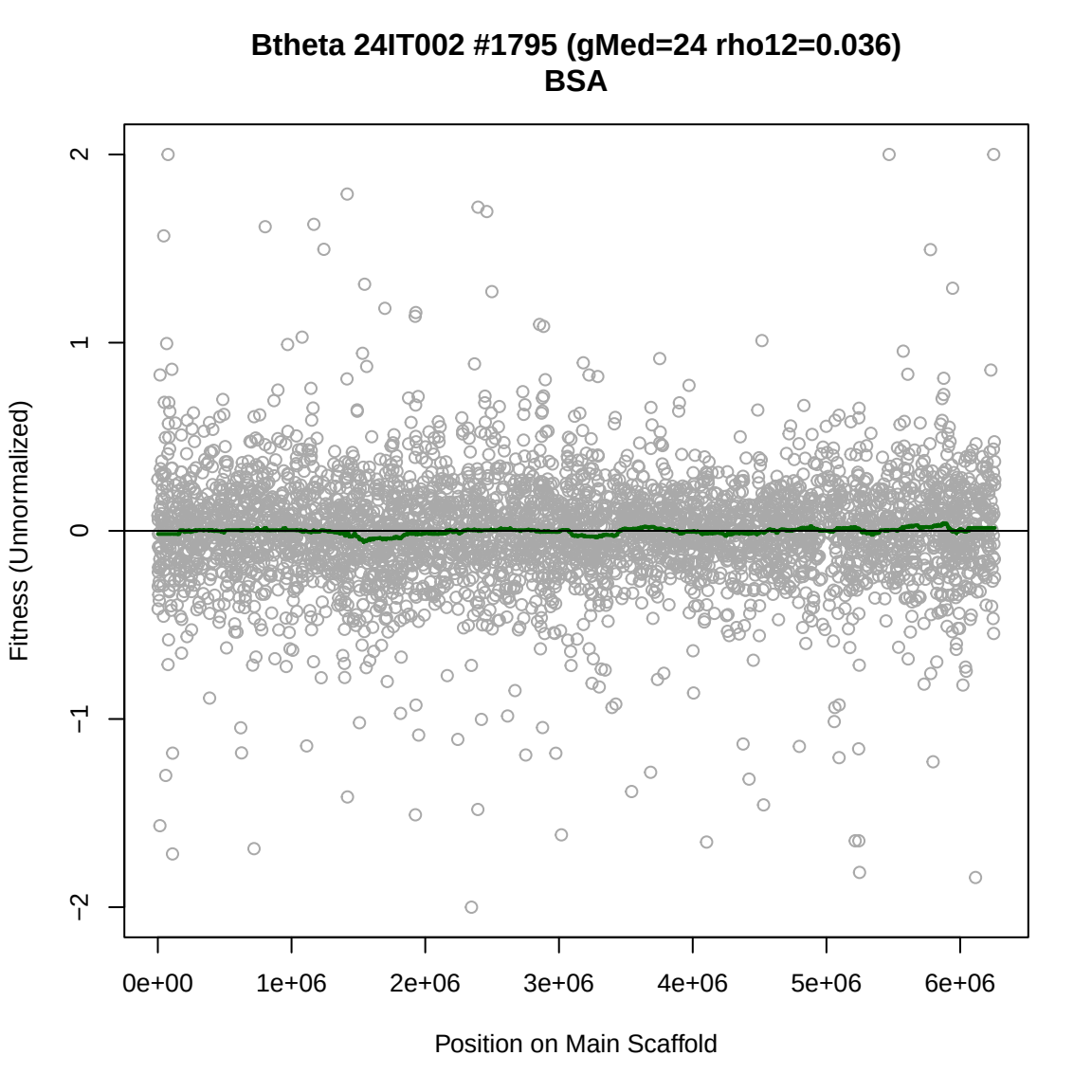

Btheta 23IT084 #1790 (gMed=129 rho12=−0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

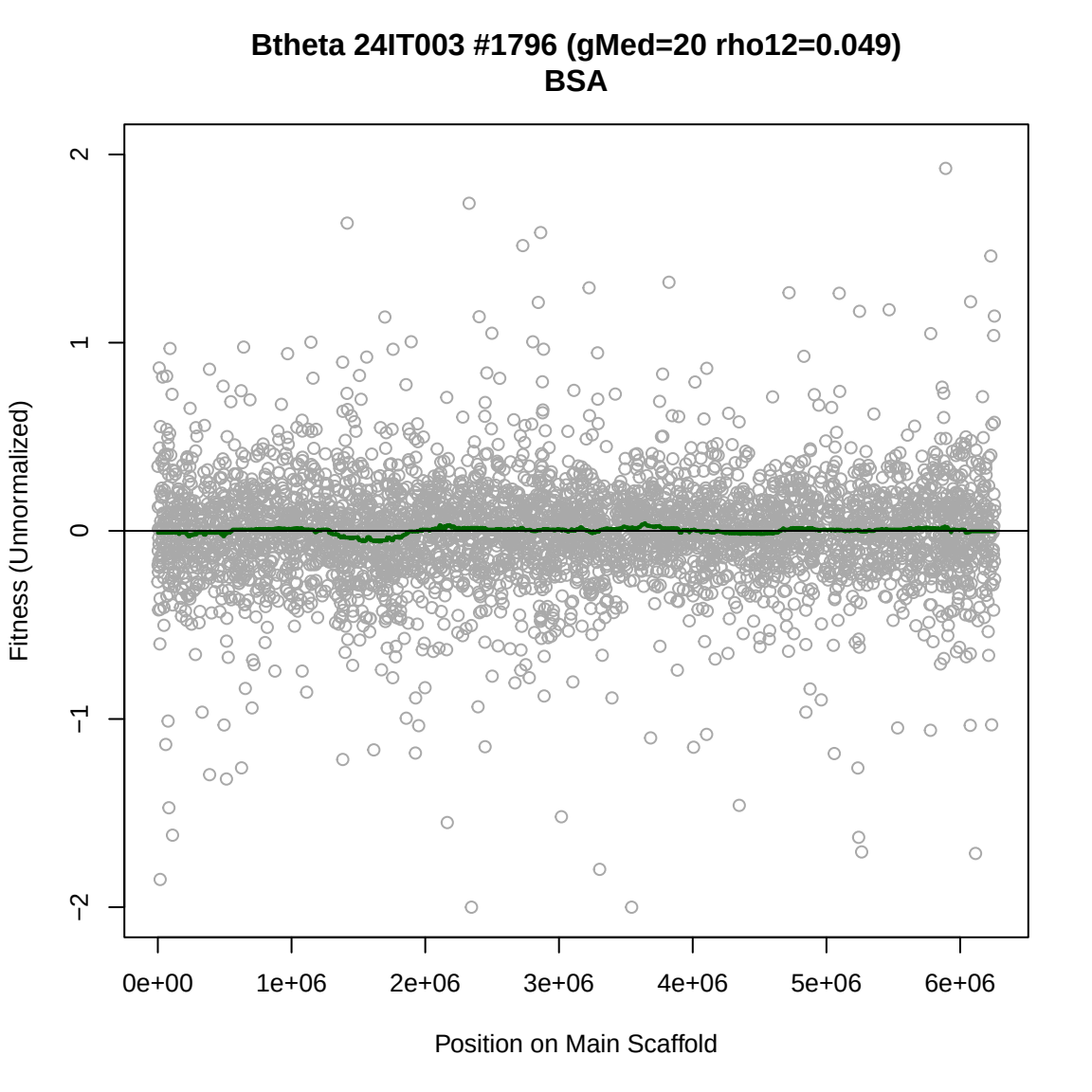

Btheta 23IT085 #1791 (gMed=114 rho12=0.092)
NoPhage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

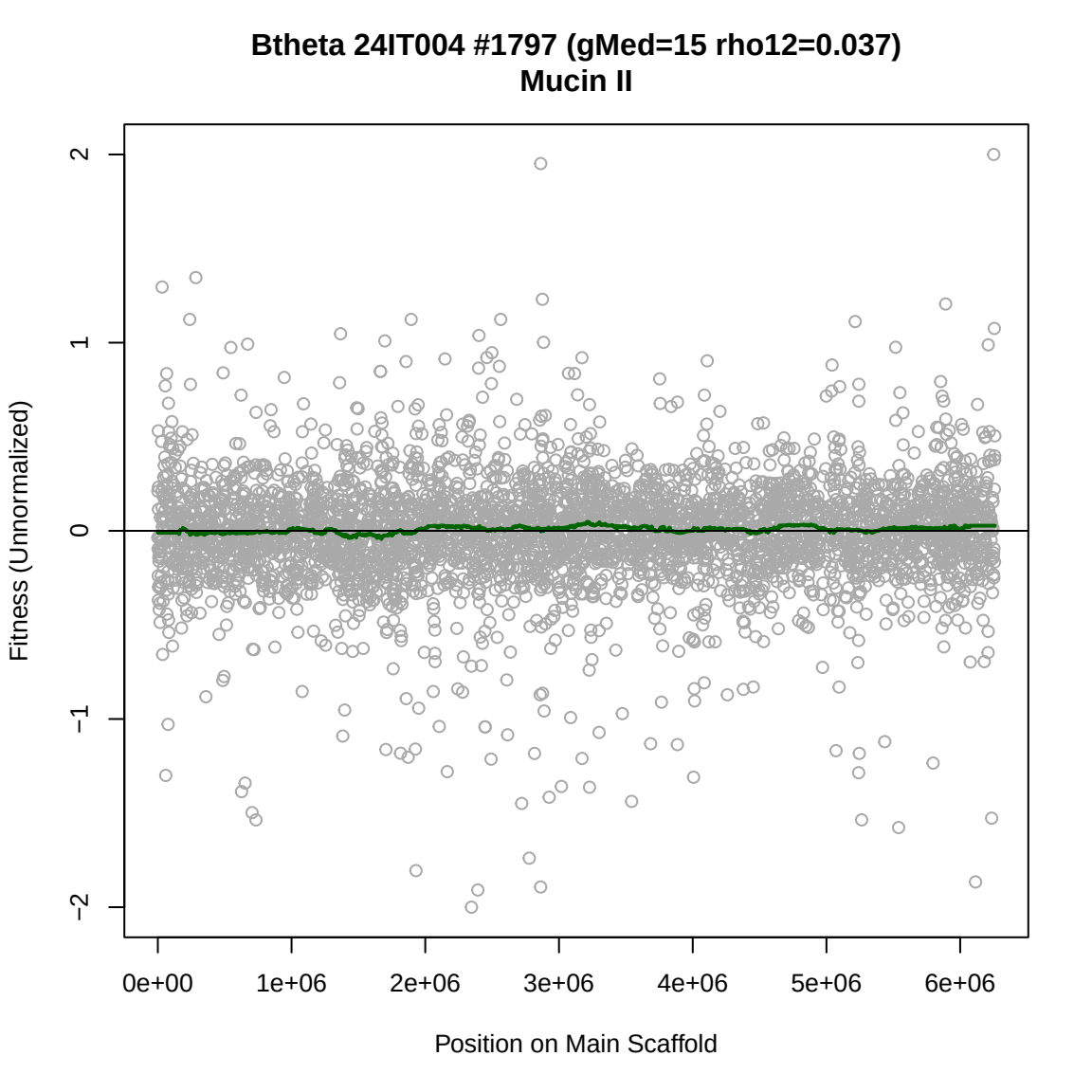

Btheta 23IT086 #1792 (gMed=113 rho12=0.108)
NoPhage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

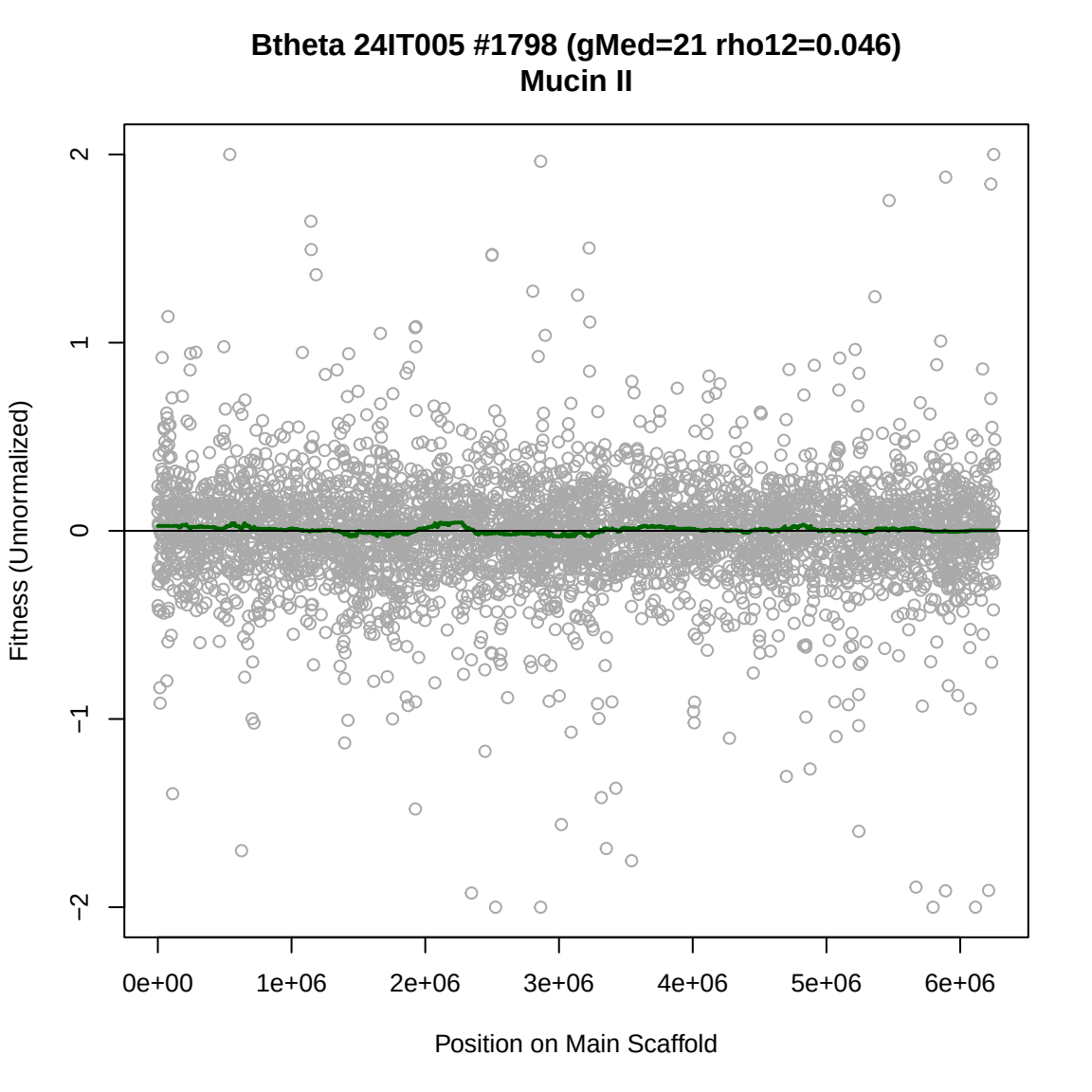

Btheta 23IT087 #1793 (gMed=118 rho12=0.107)
NoPhage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

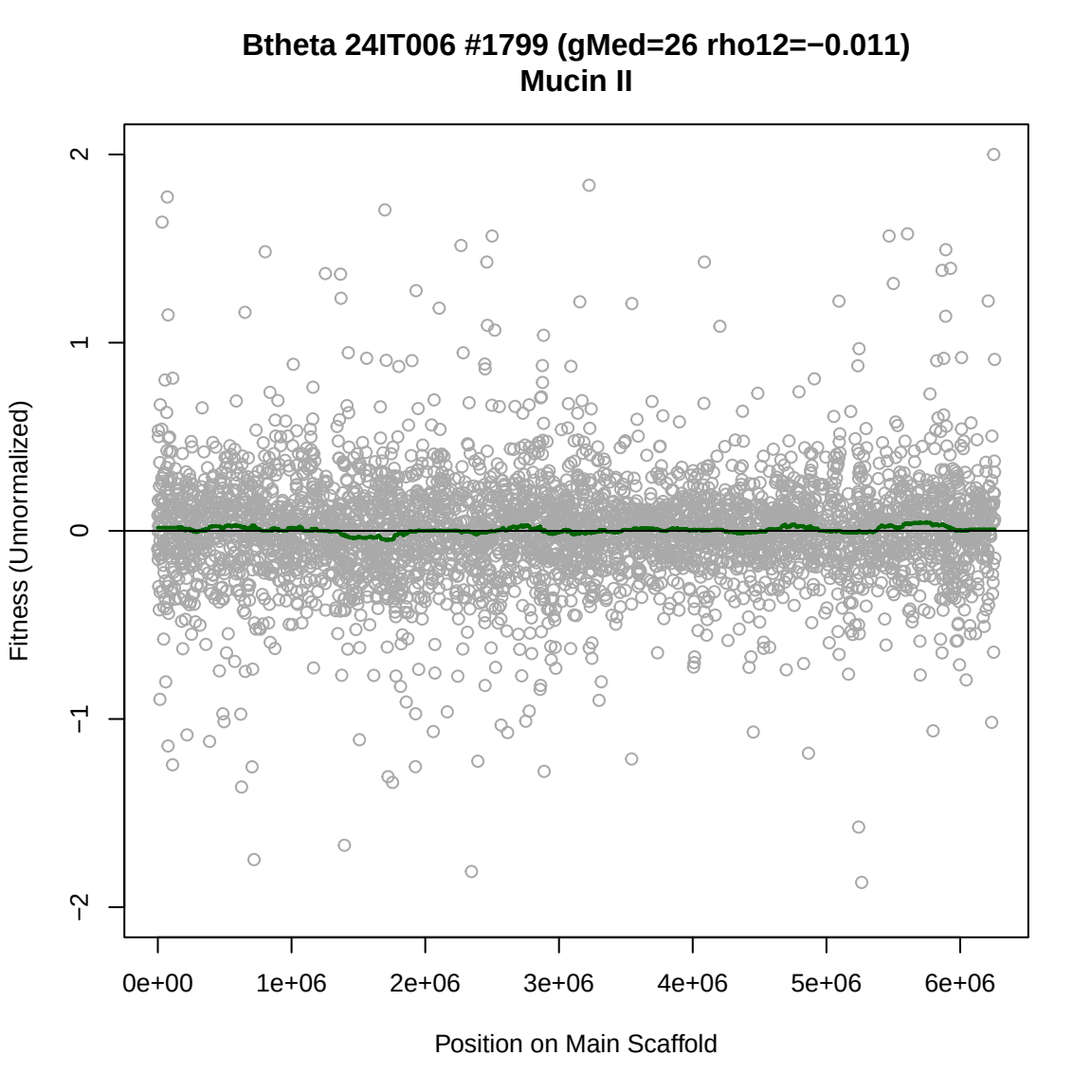

Btheta 24IT001 #1794 (gMed=18 rho12=−0.021)
BSA
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

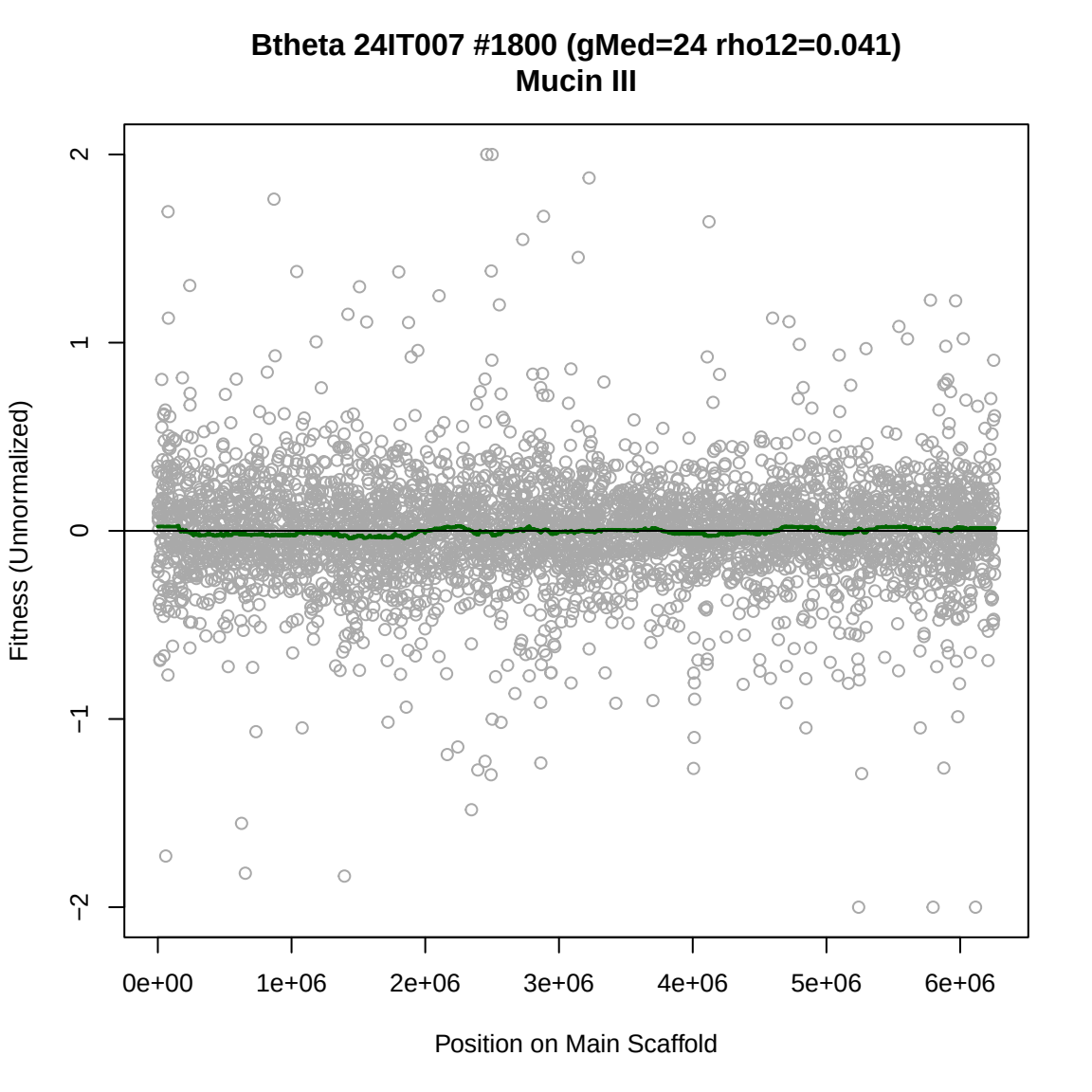

Btheta 24IT002 #1795 (gMed=24 rho12=0.036)
BSA
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

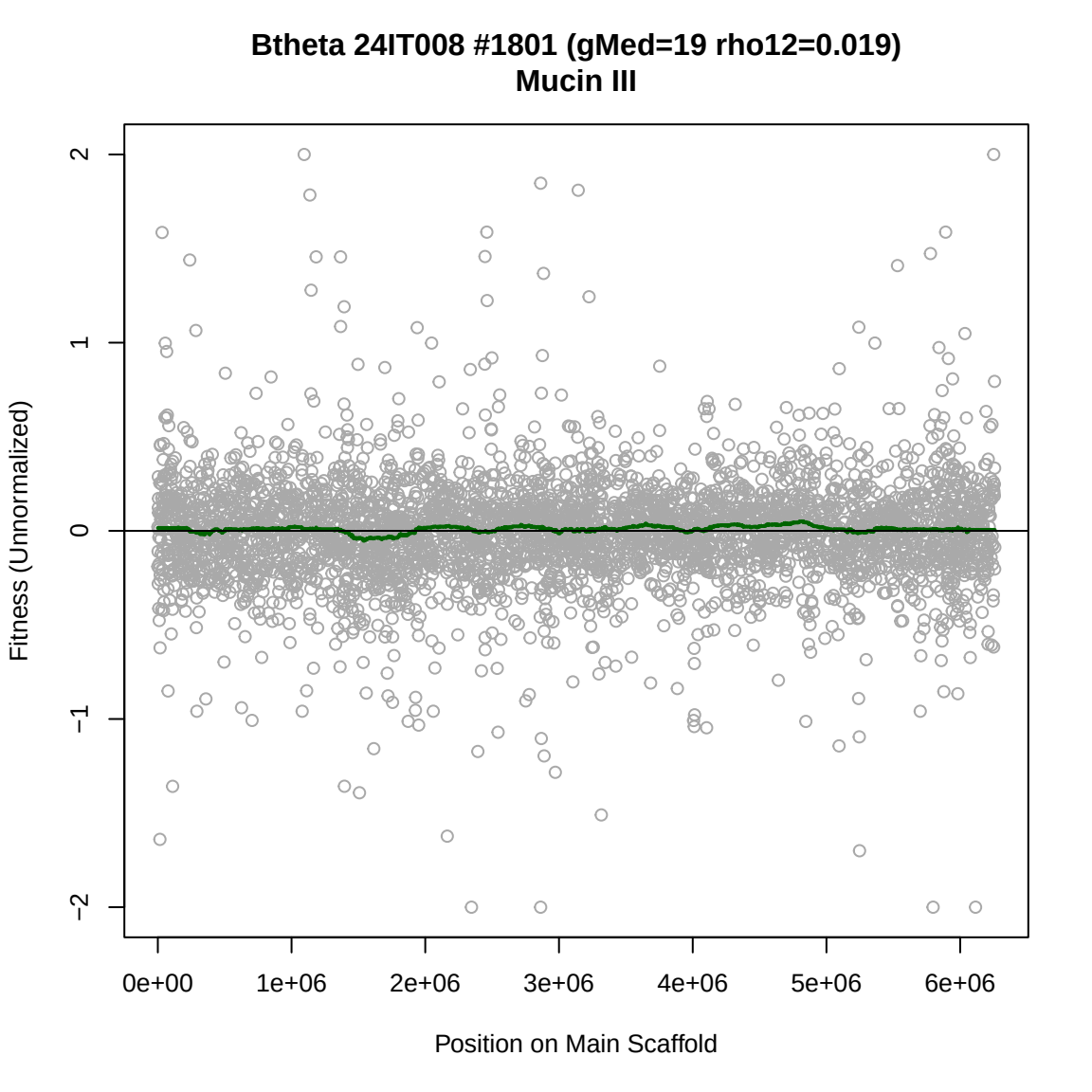

Btheta 24IT003 #1796 (gMed=20 rho12=0.049)
BSA
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

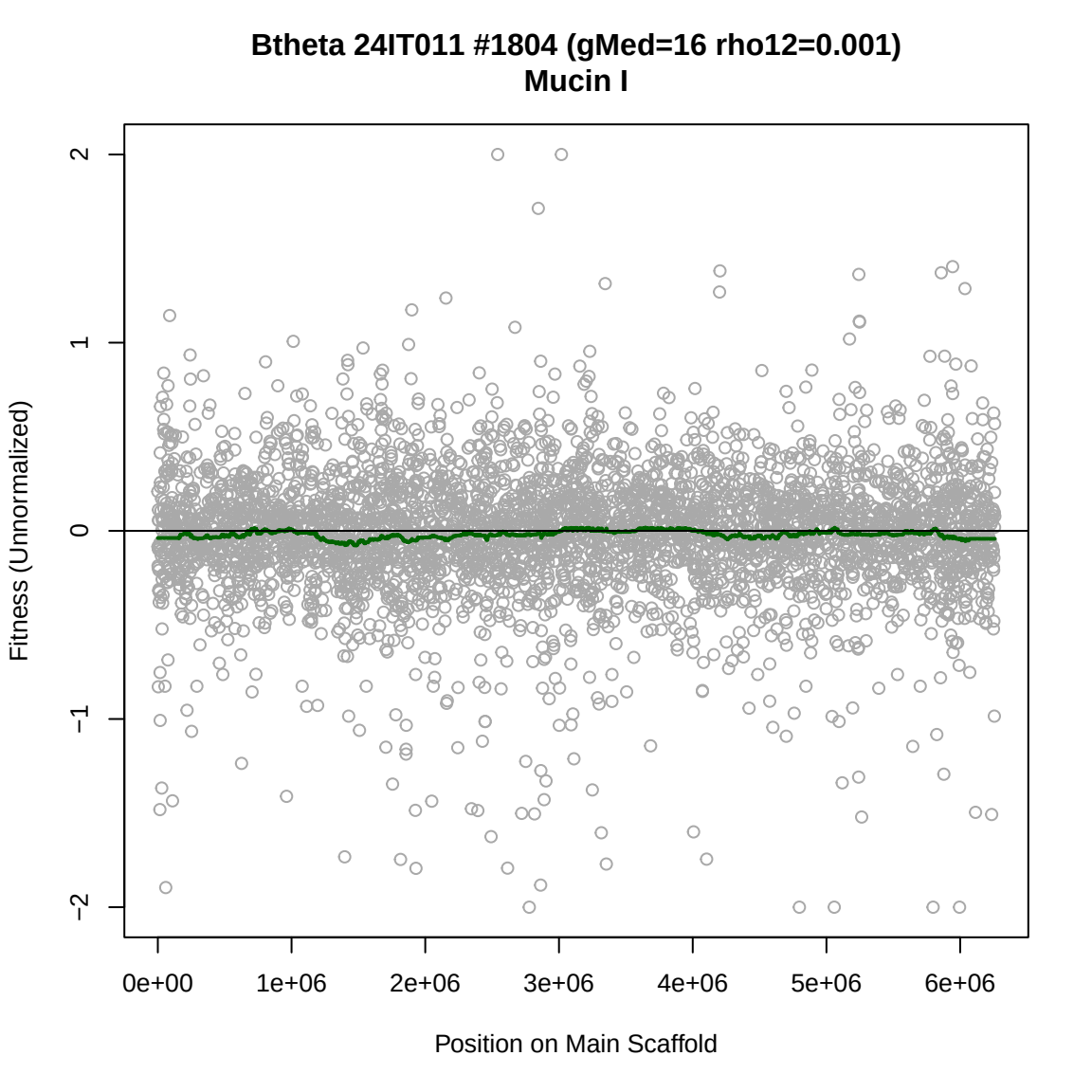

Btheta 24IT004 #1797 (gMed=15 rho12=0.037)
Mucin II
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

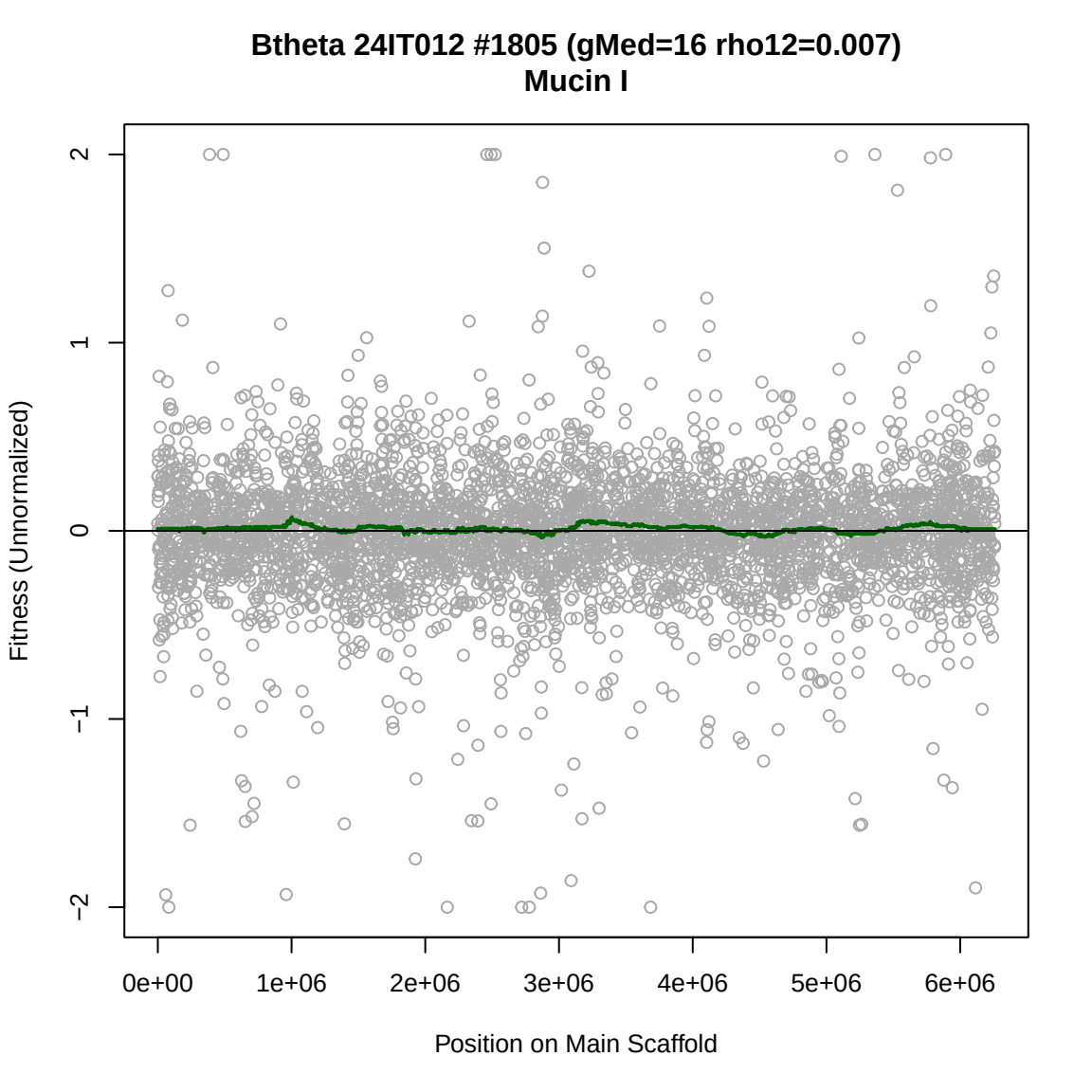

Btheta 24IT005 #1798 (gMed=21 rho12=0.046)
Mucin II
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

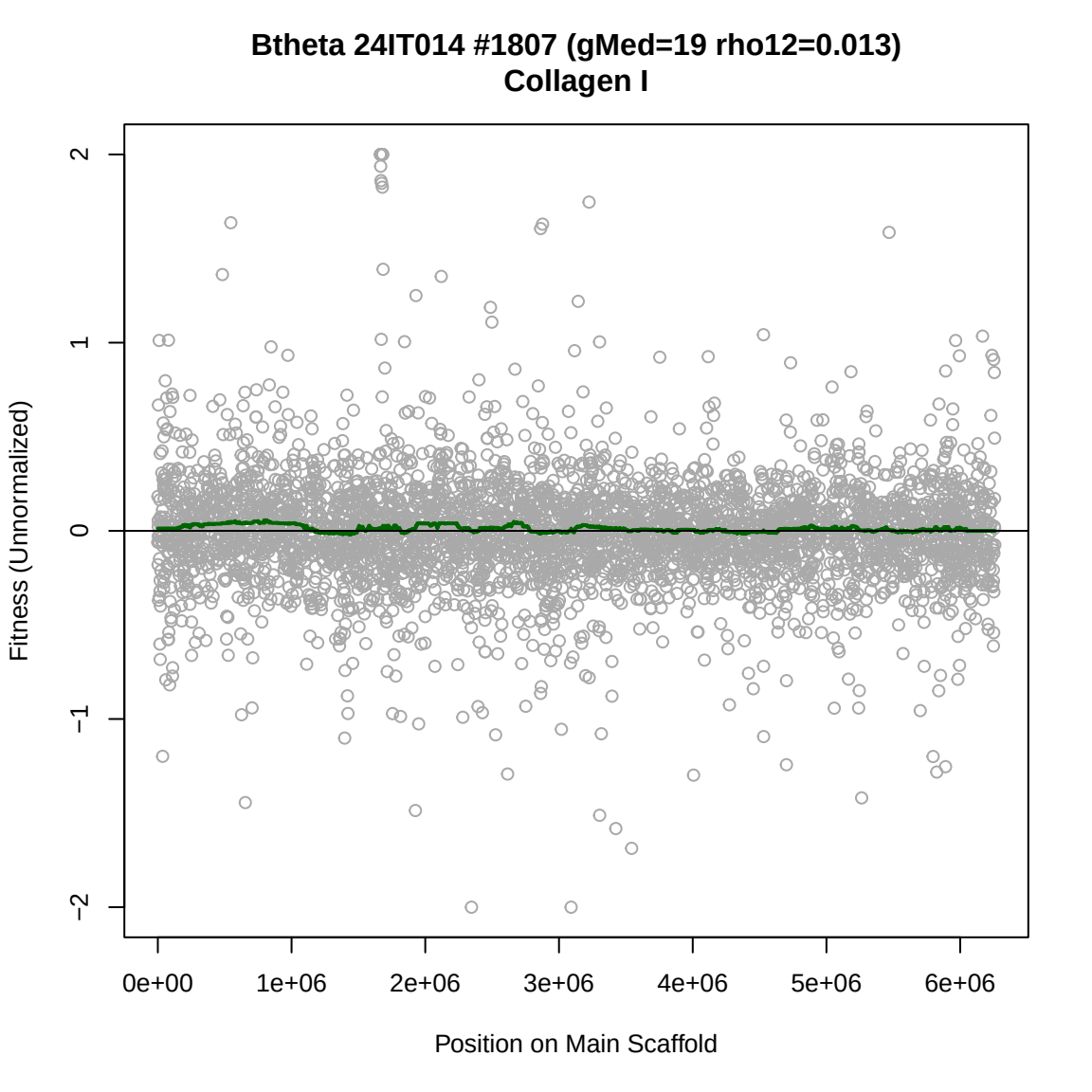

Btheta 24IT006 #1799 (gMed=26 rho12=−0.011)
Mucin II
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

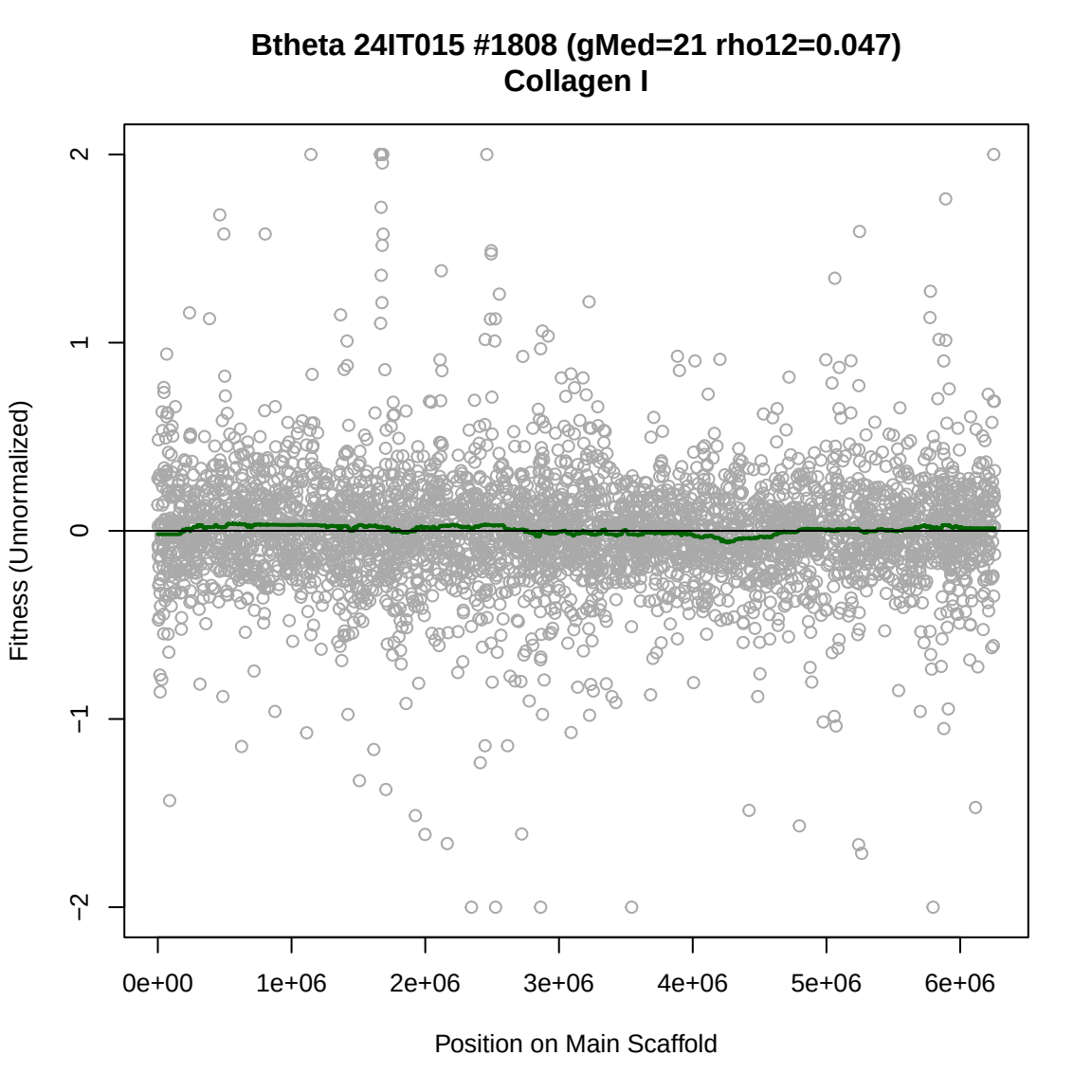

Btheta 24IT007 #1800 (gMed=24 rho12=0.041)
Mucin III
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

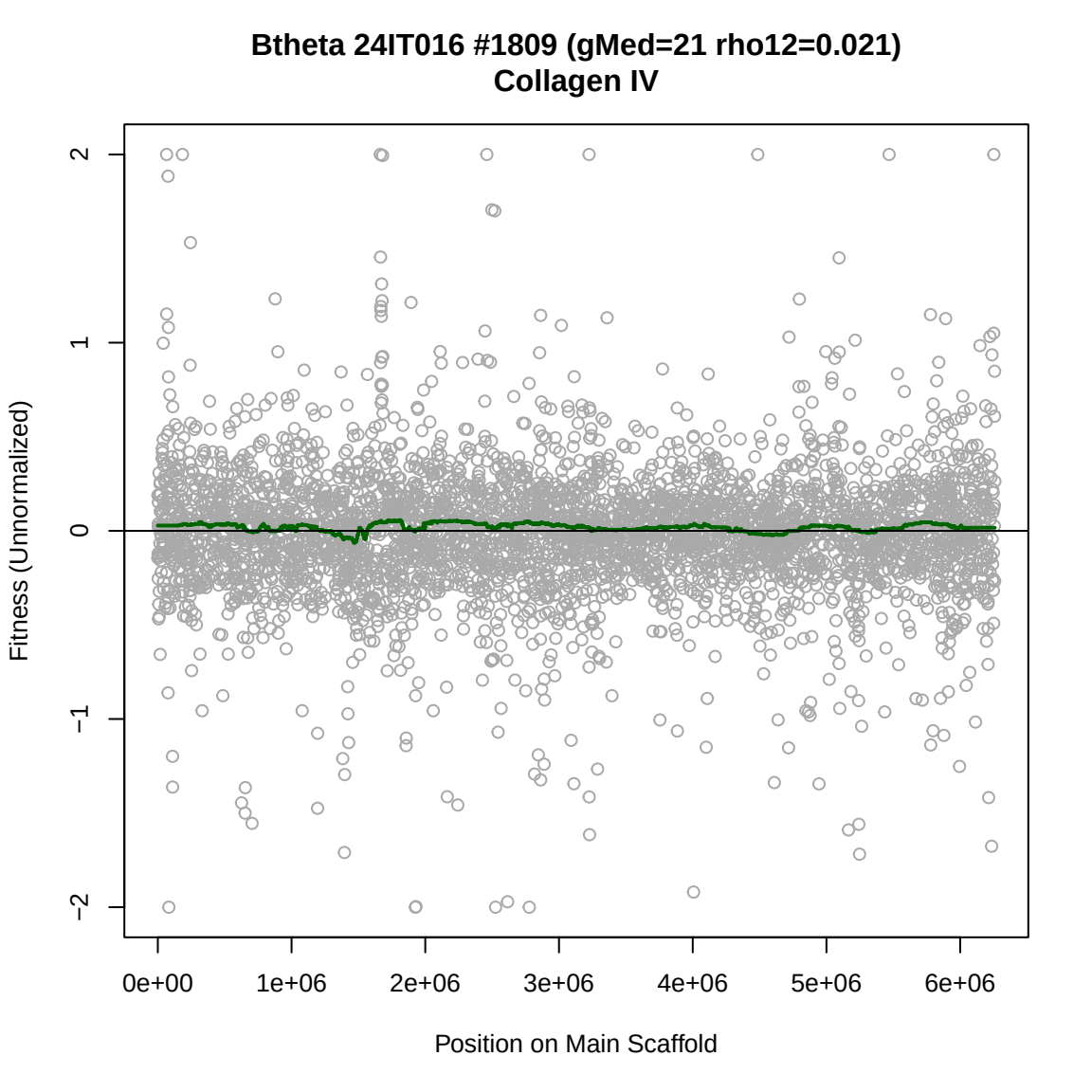

Btheta 24IT008 #1801 (gMed=19 rho12=0.019)
Mucin III
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

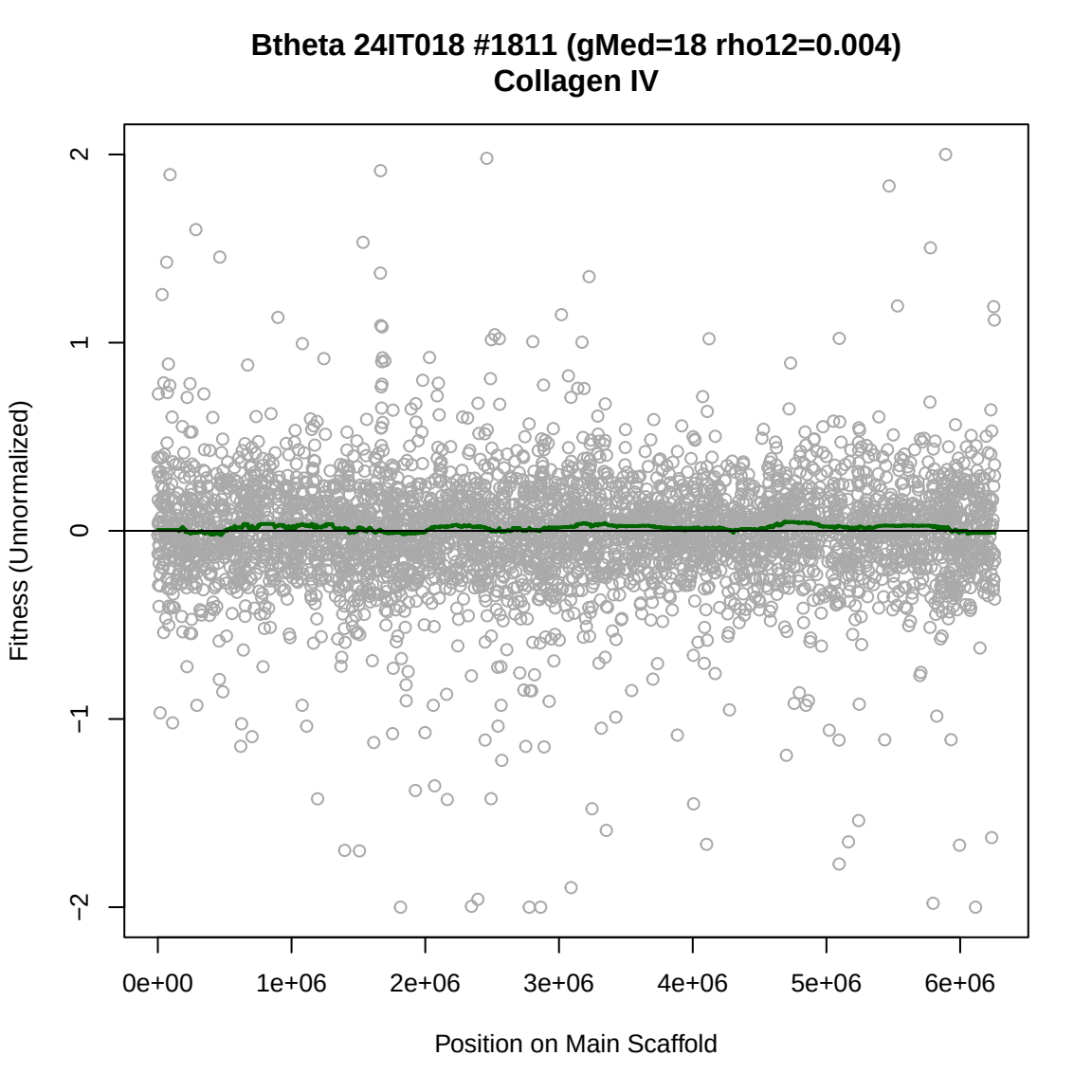

Btheta 24IT011 #1804 (gMed=16 rho12=0.001)
Mucin I
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

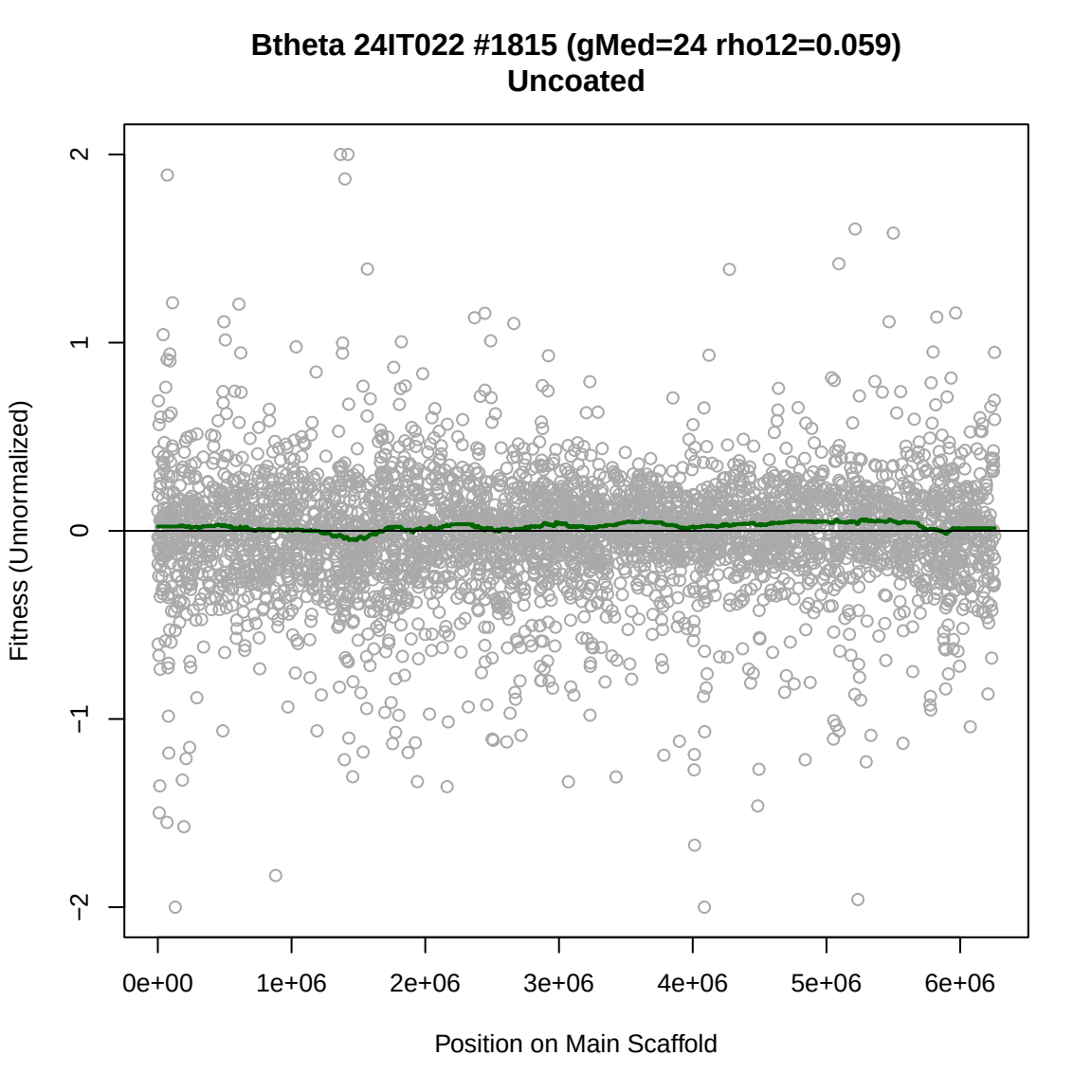

Btheta 24IT012 #1805 (gMed=16 rho12=0.007)
Mucin I
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

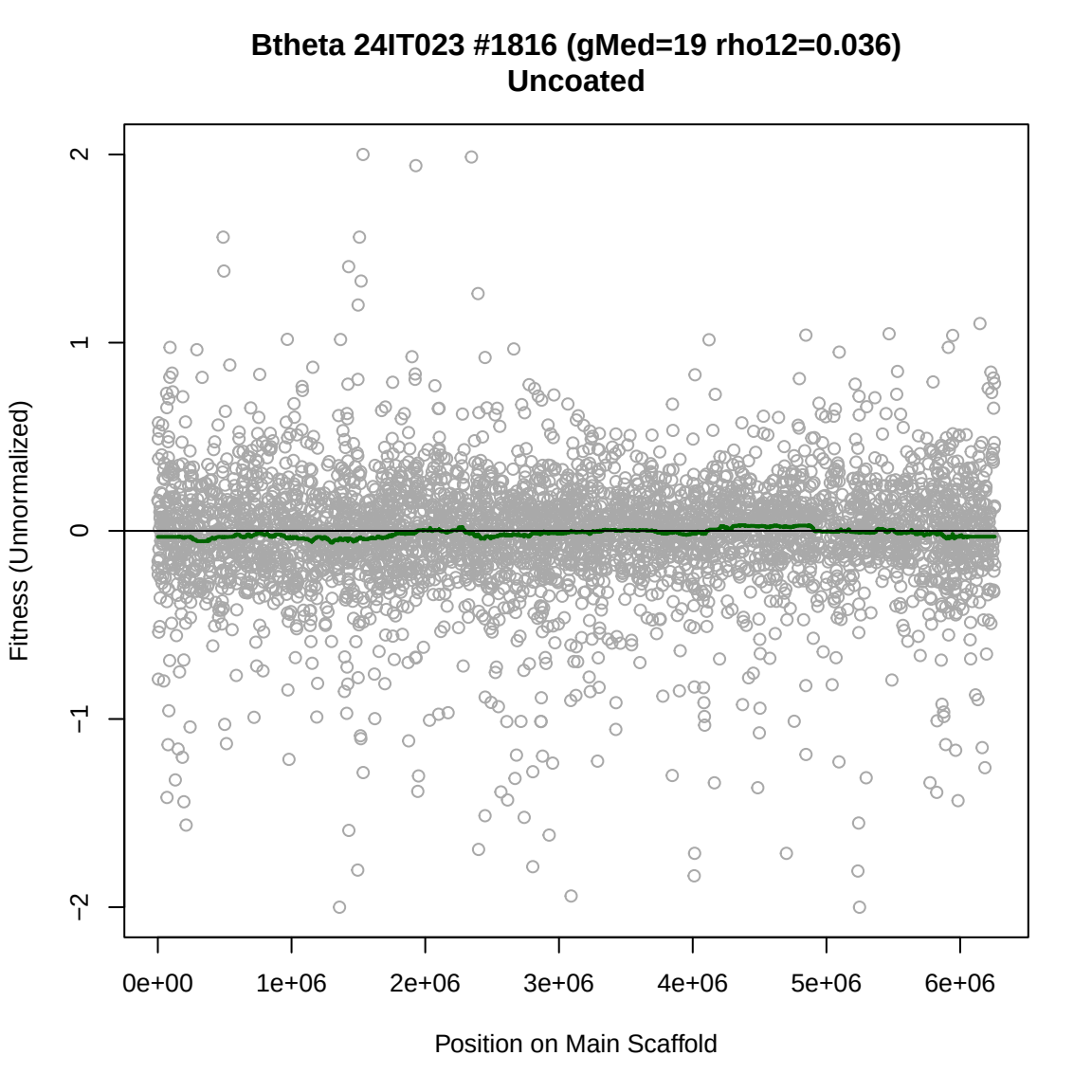

Btheta 24IT014 #1807 (gMed=19 rho12=0.013)
Collagen I
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

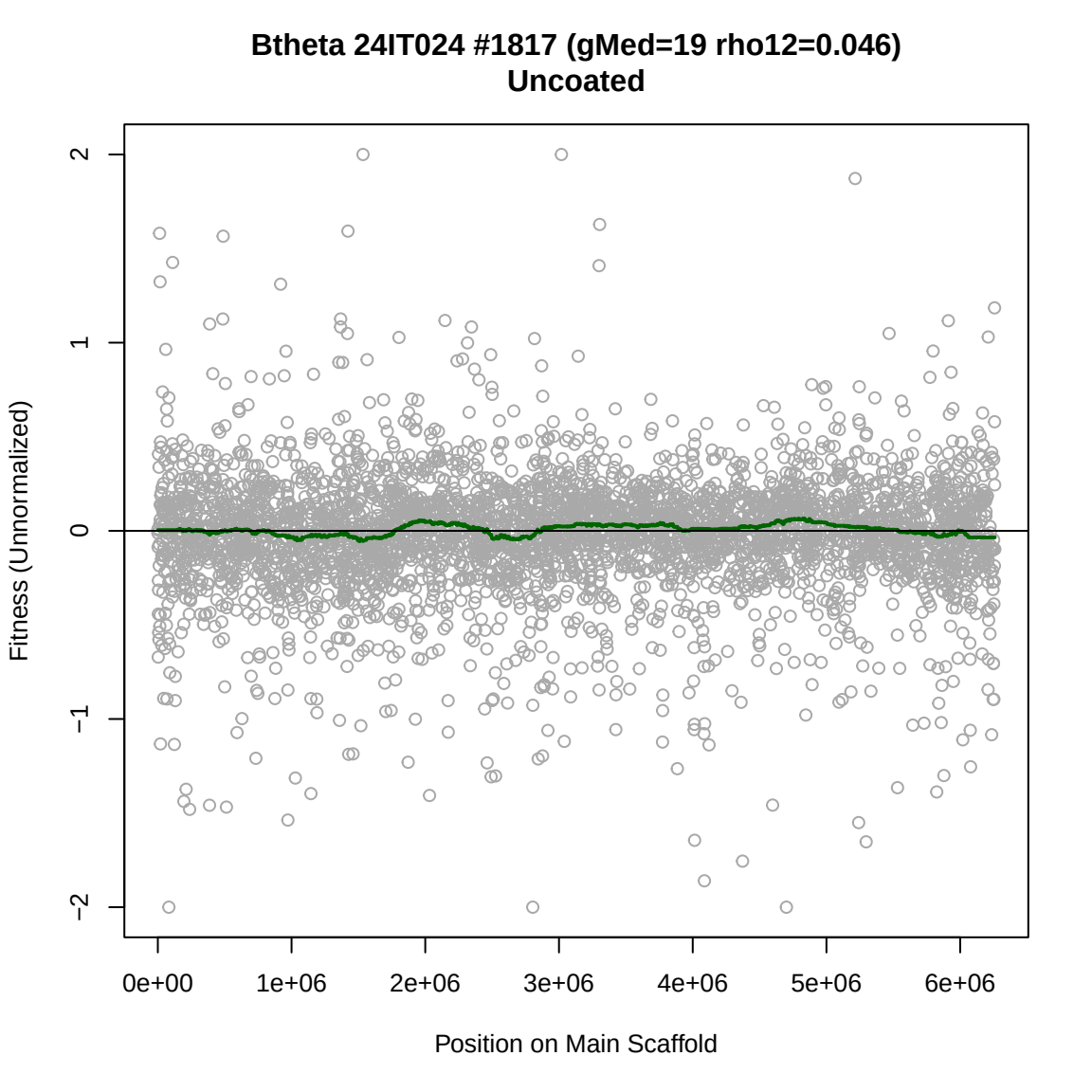

Btheta 24IT015 #1808 (gMed=21 rho12=0.047)
Collagen I
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

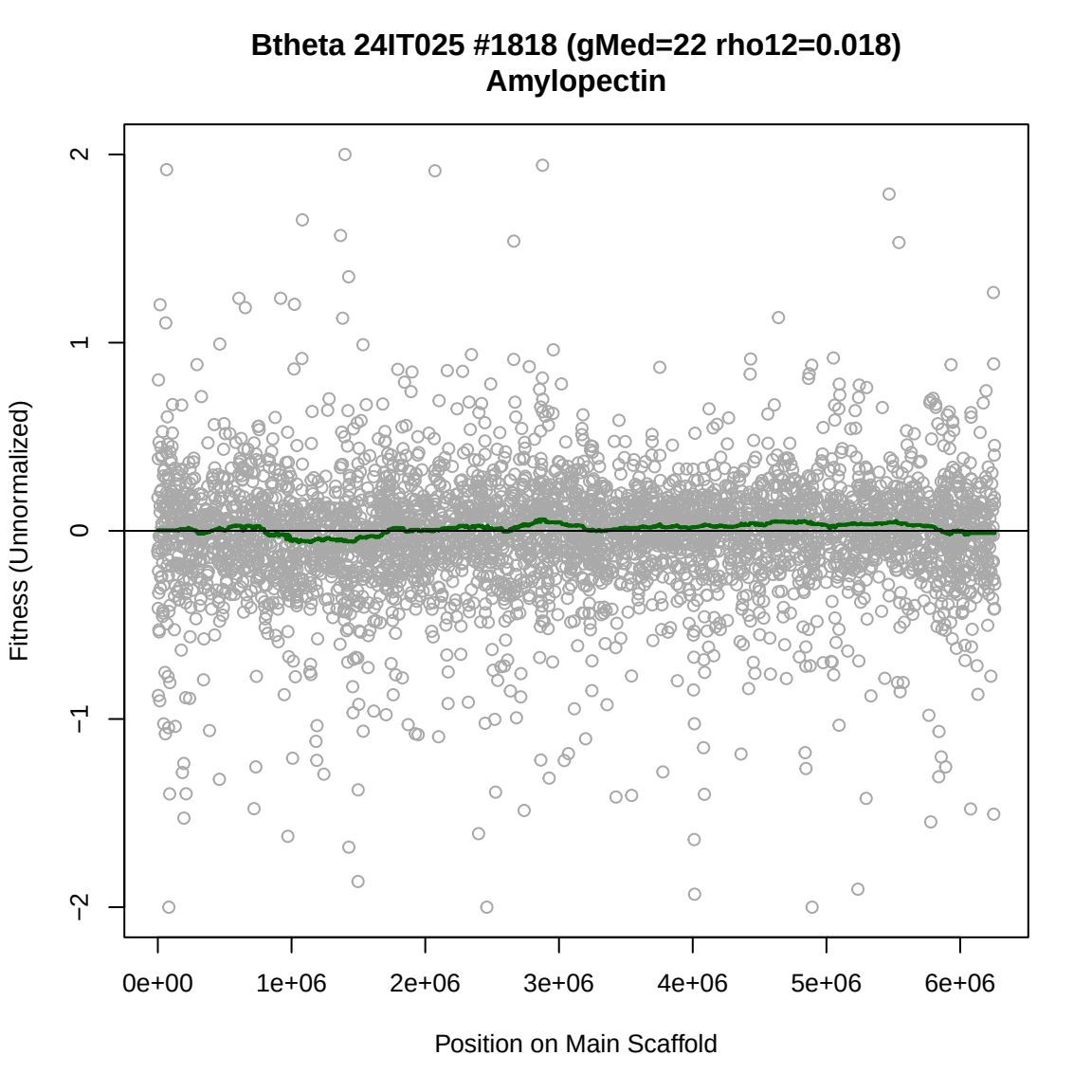

Btheta 24IT016 #1809 (gMed=21 rho12=0.021)
Collagen IV
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

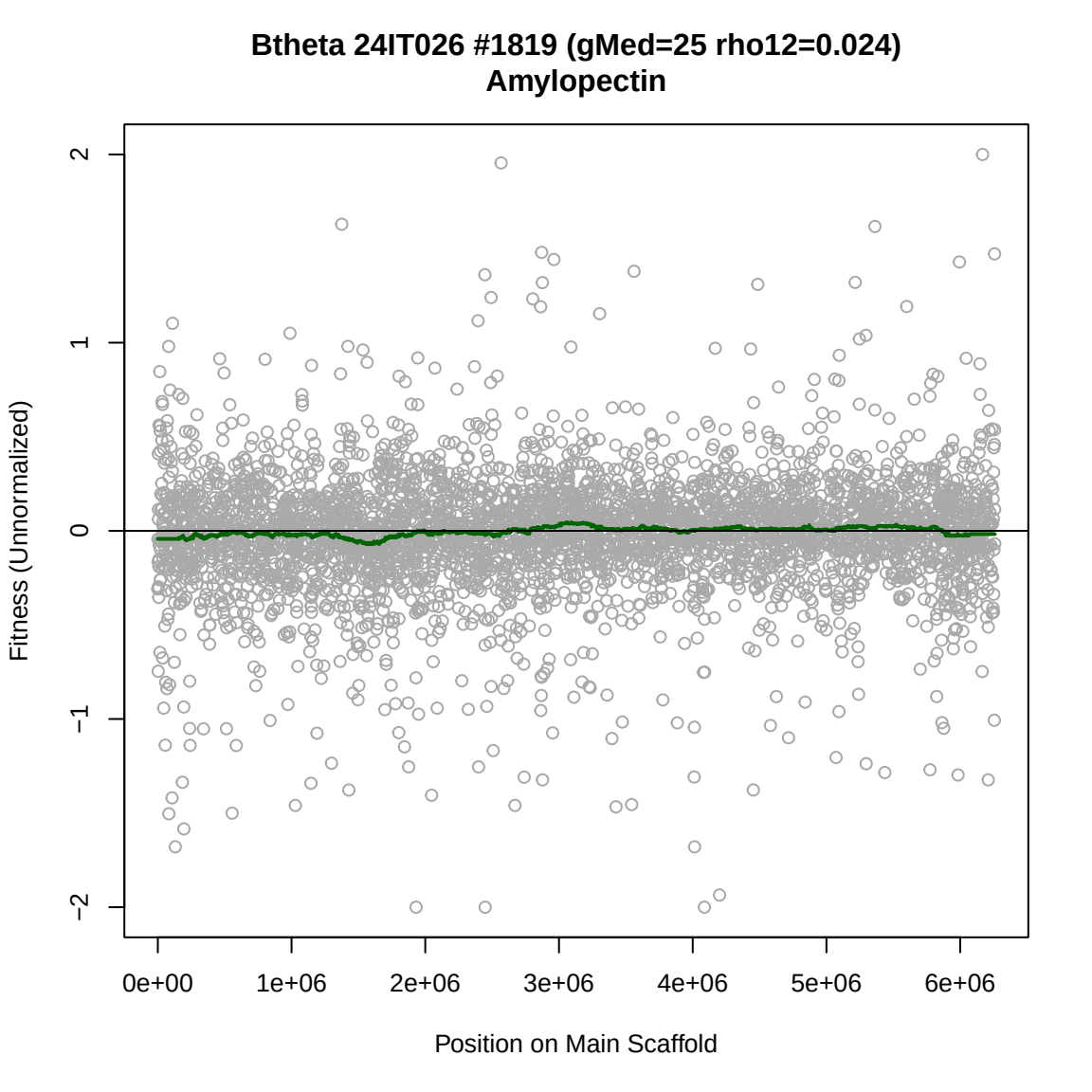

Btheta 24IT018 #1811 (gMed=18 rho12=0.004)
Collagen IV
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

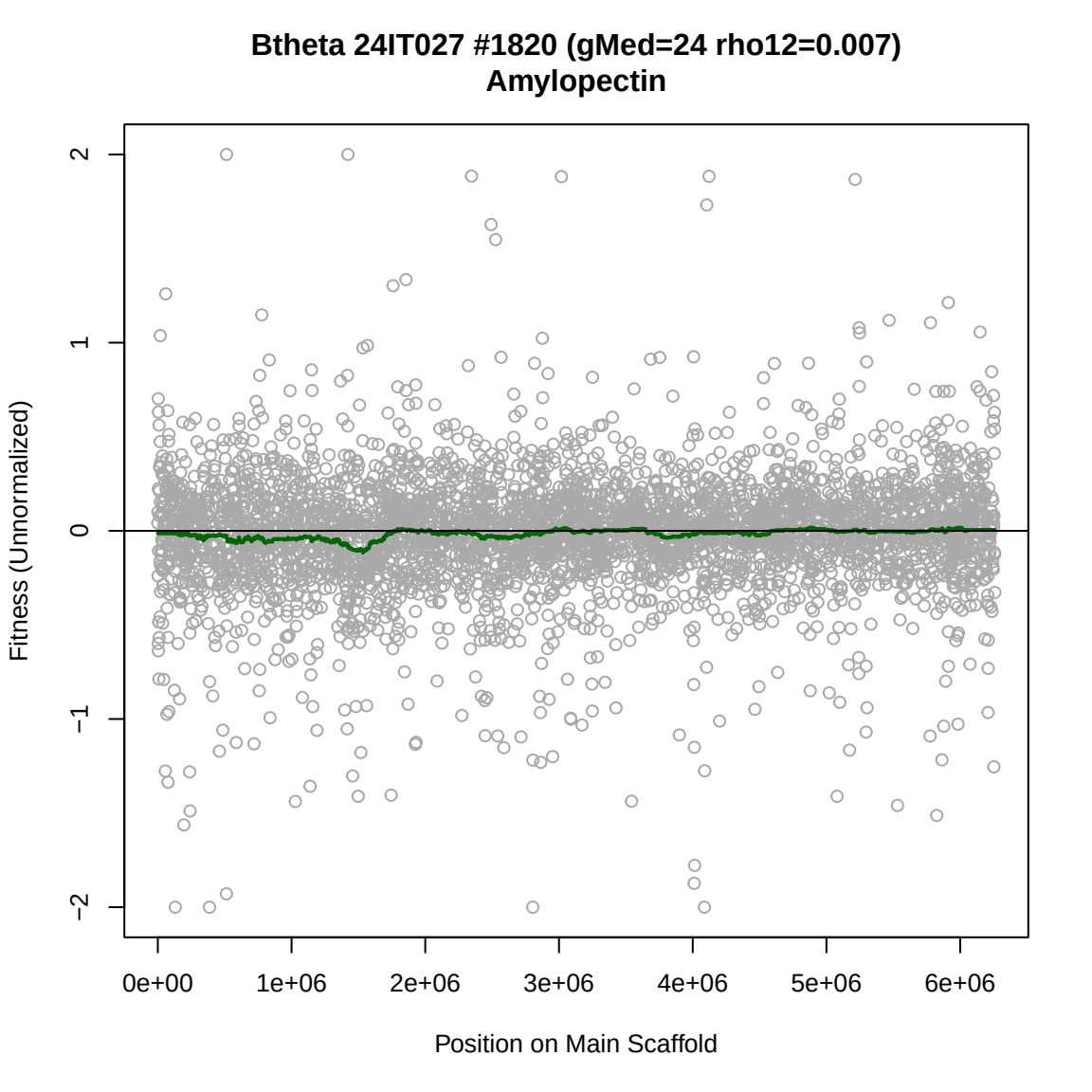

Btheta 24IT022 #1815 (gMed=24 rho12=0.059)
Uncoated
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

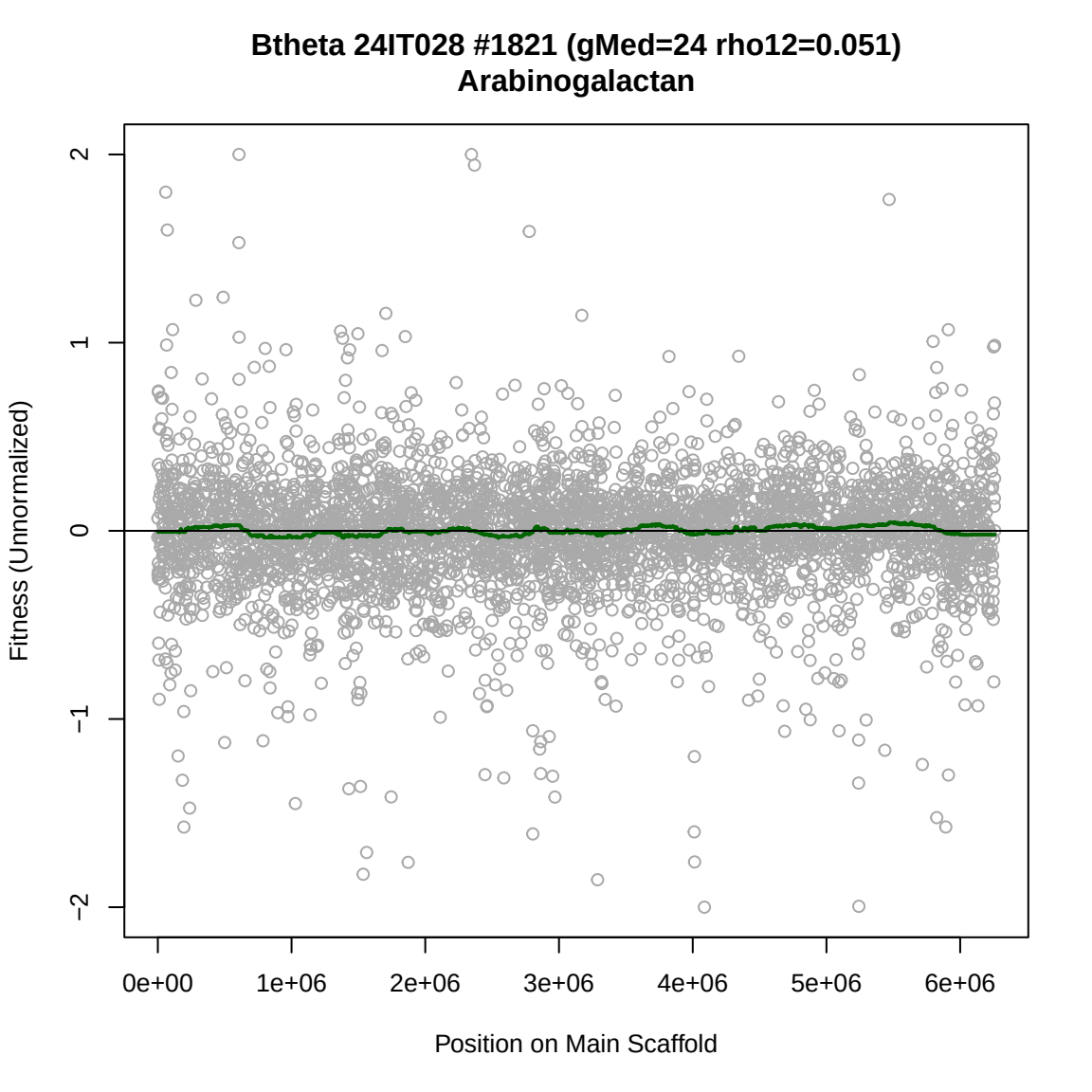

Btheta 24IT023 #1816 (gMed=19 rho12=0.036)
Uncoated
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

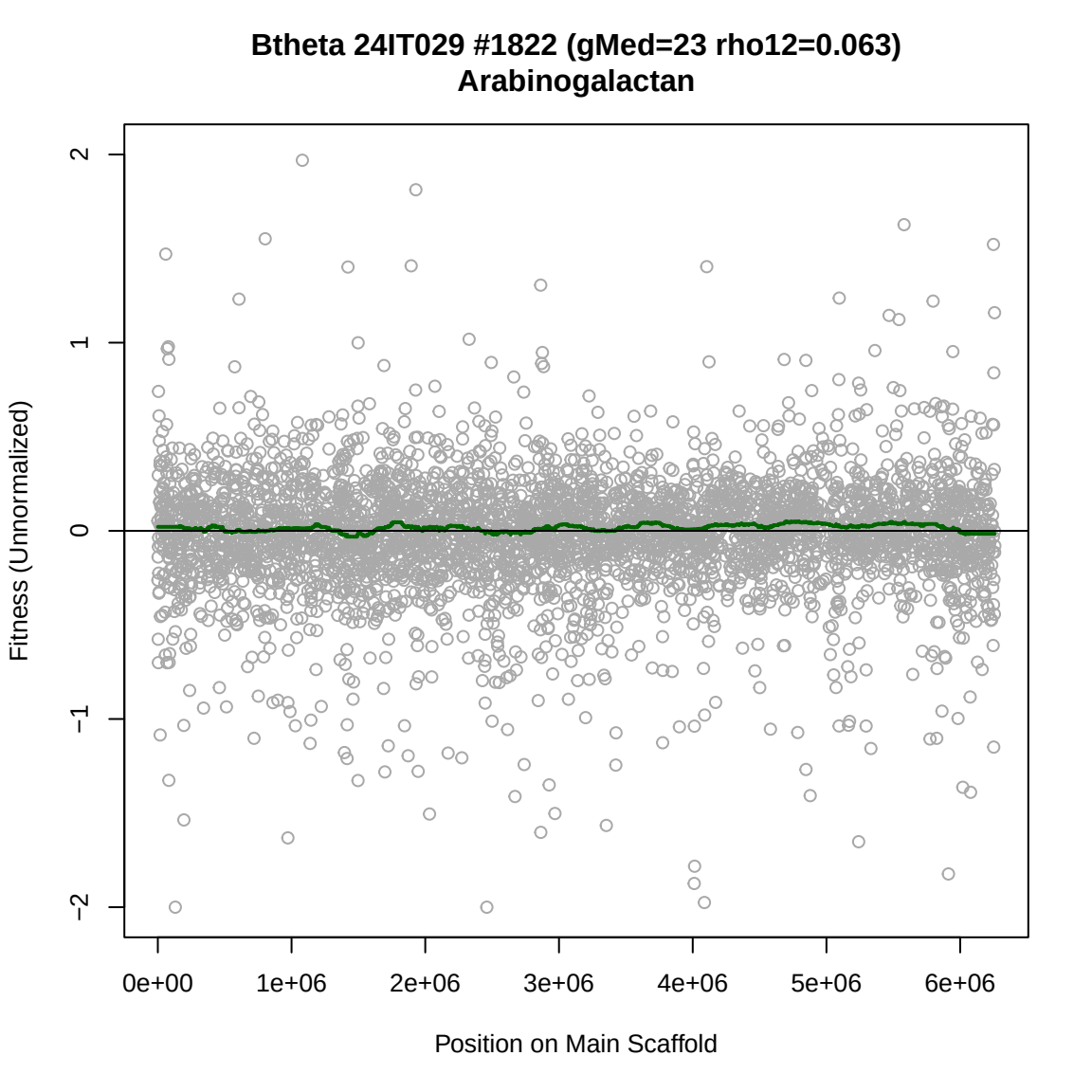

Btheta 24IT024 #1817 (gMed=19 rho12=0.046)
Uncoated
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

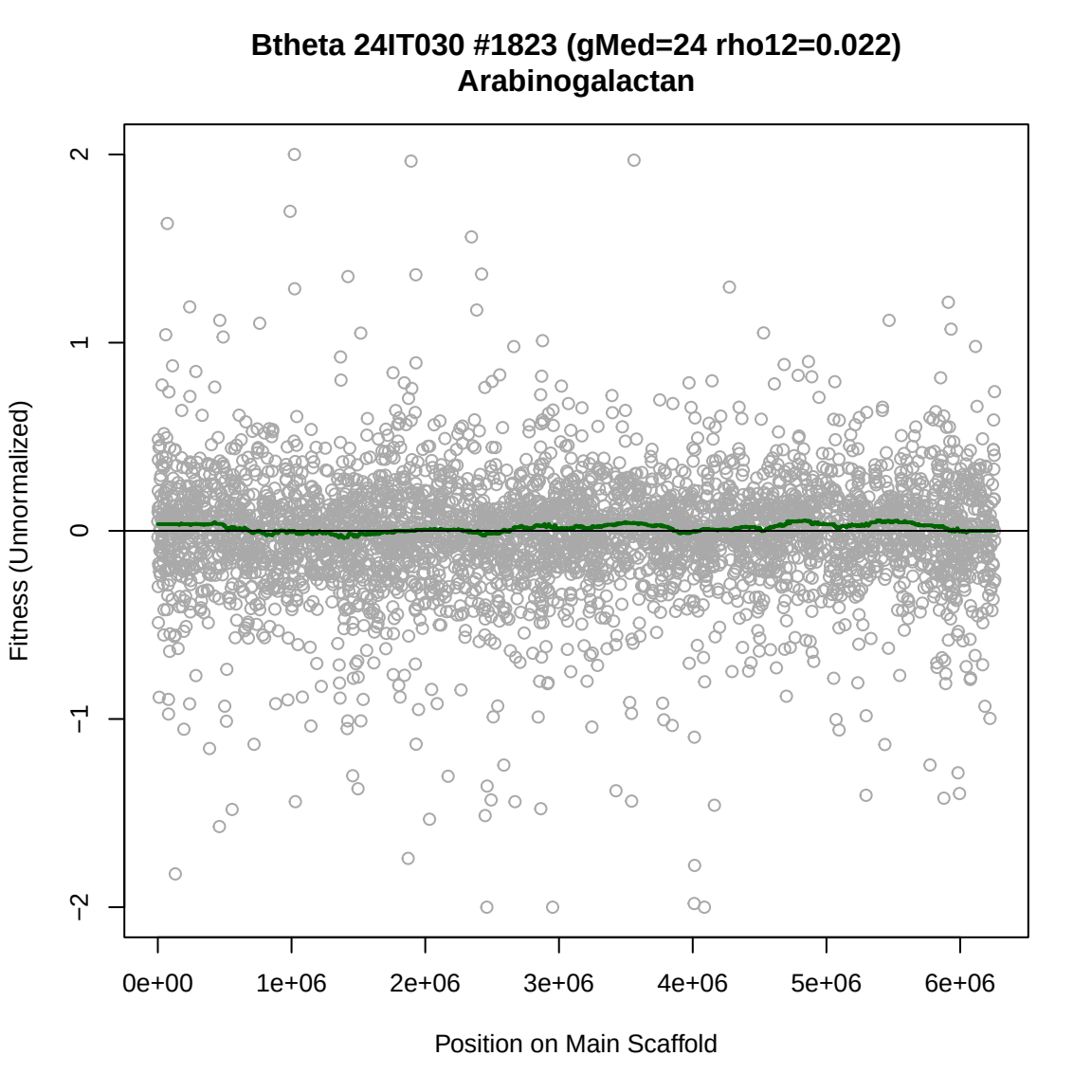

Btheta 24IT025 #1818 (gMed=22 rho12=0.018)
Amylopectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

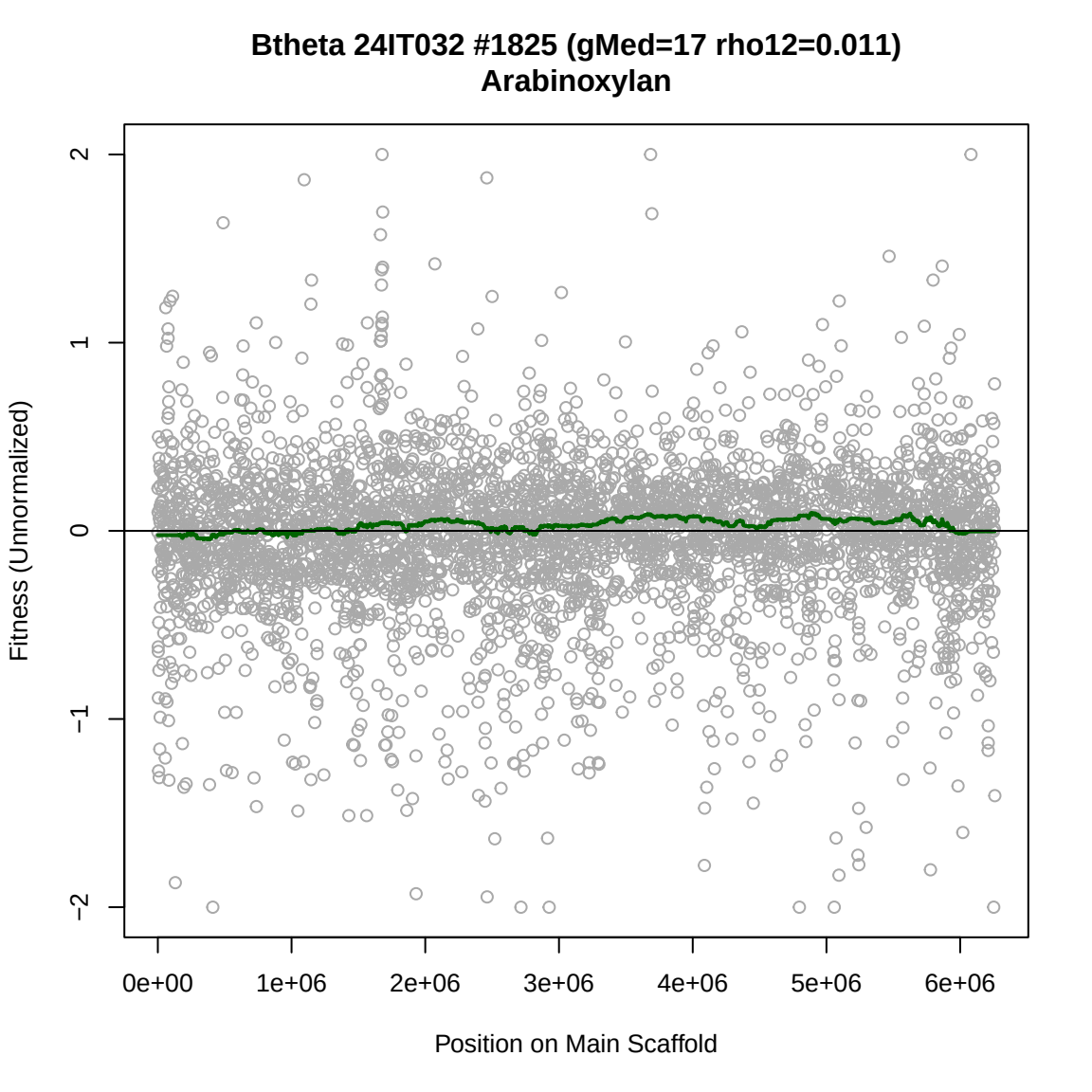

Btheta 24IT026 #1819 (gMed=25 rho12=0.024)
Amylopectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

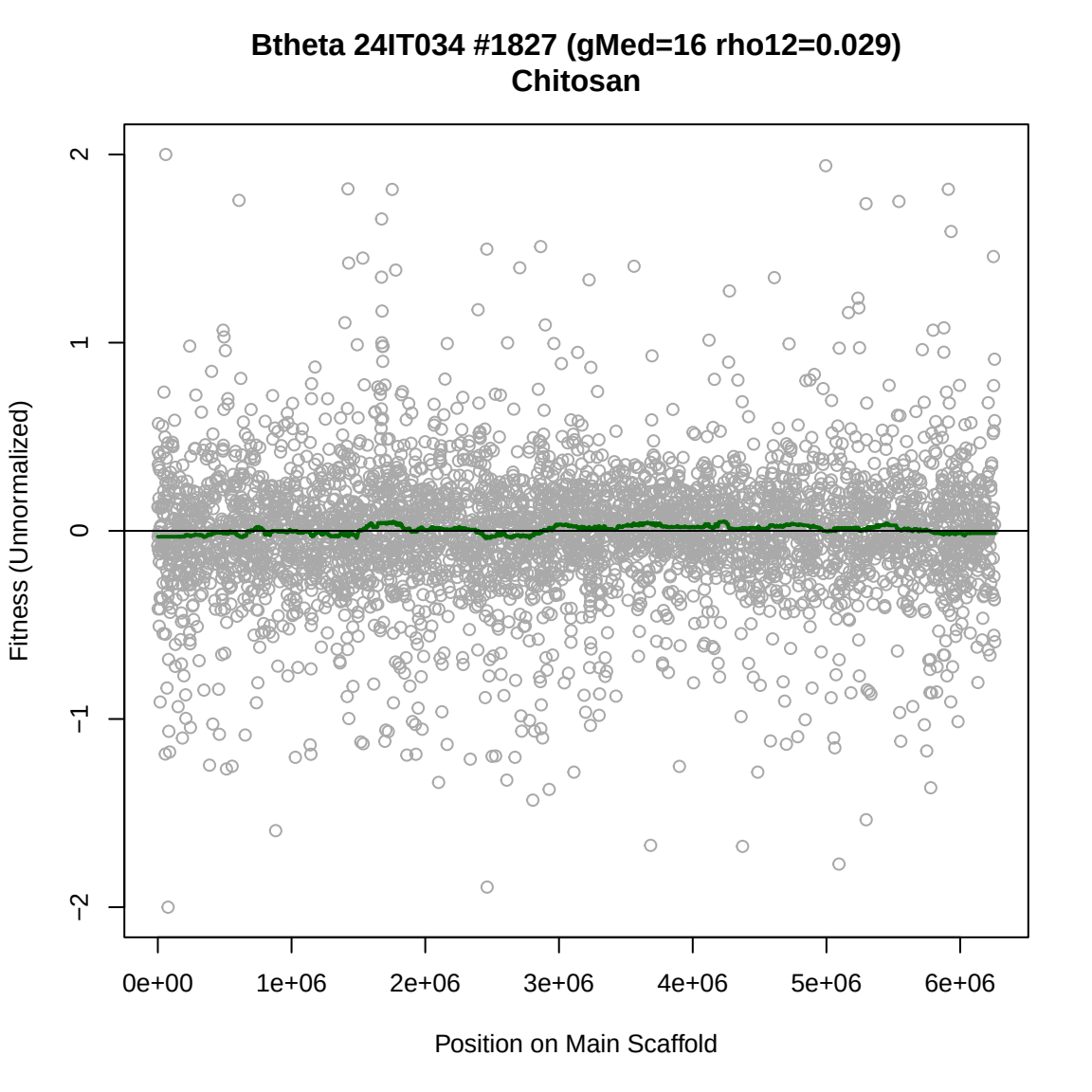

Btheta 24IT027 #1820 (gMed=24 rho12=0.007)
Amylopectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

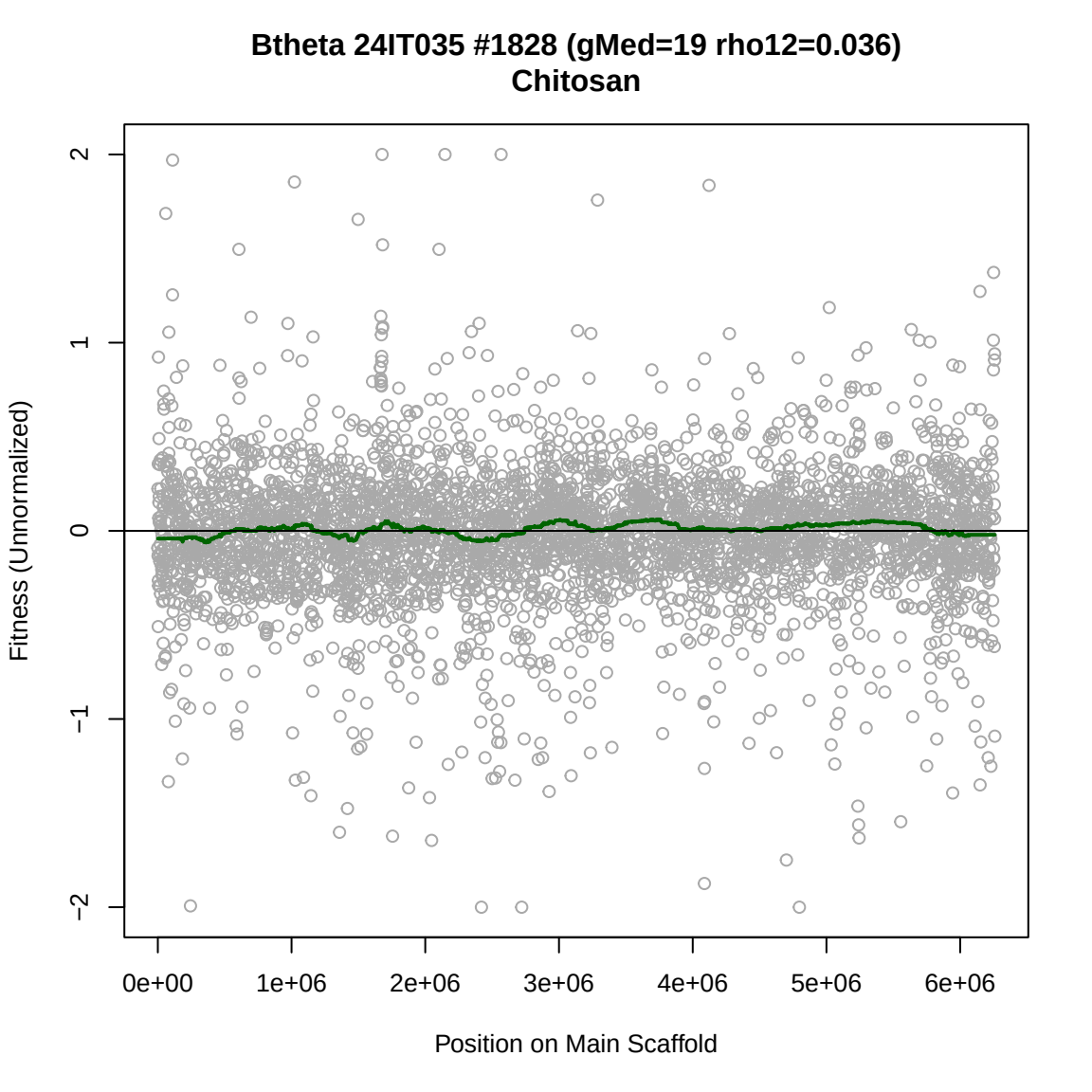

Btheta 24IT028 #1821 (gMed=24 rho12=0.051)
Arabinogalactan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

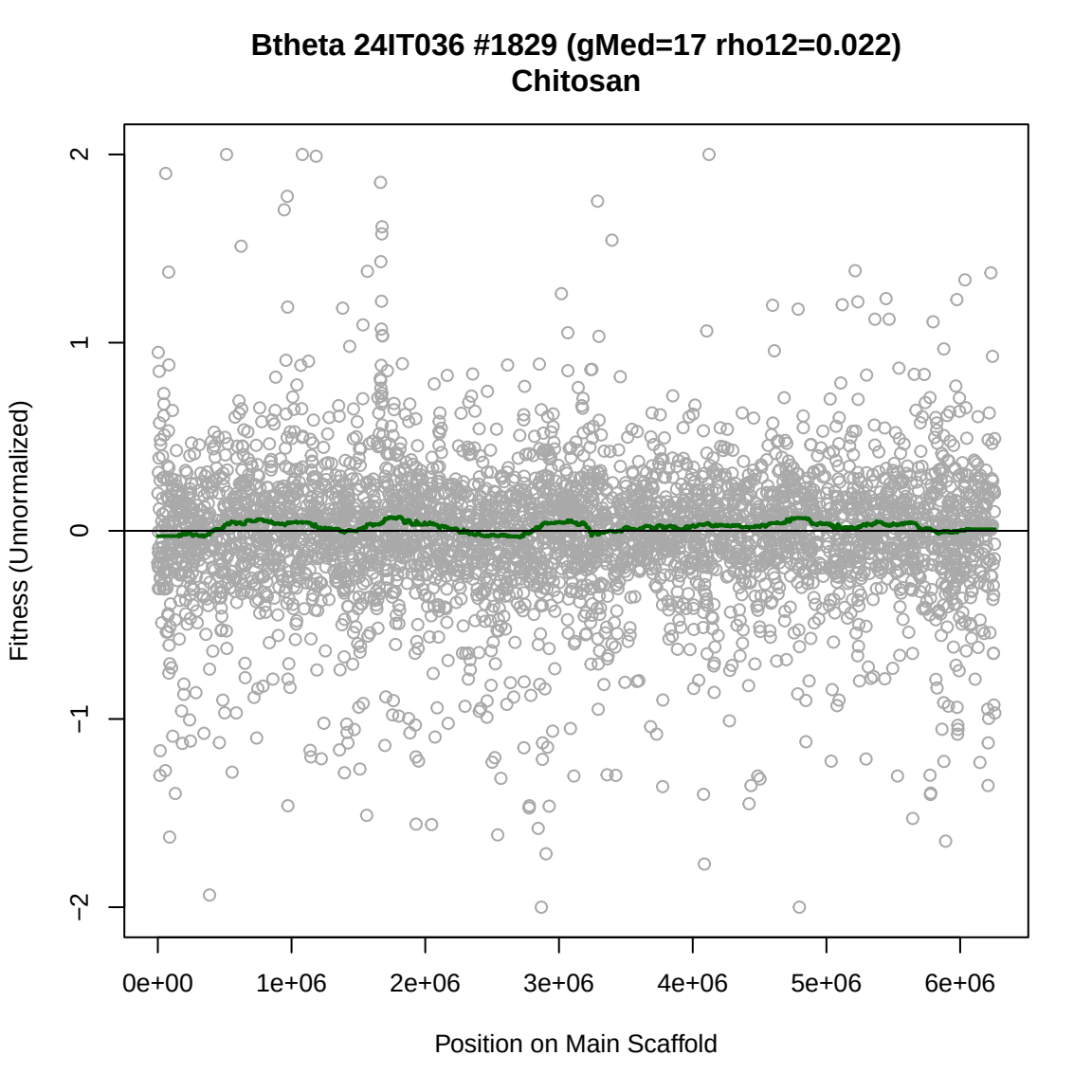

Btheta 24IT029 #1822 (gMed=23 rho12=0.063)
Arabinogalactan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

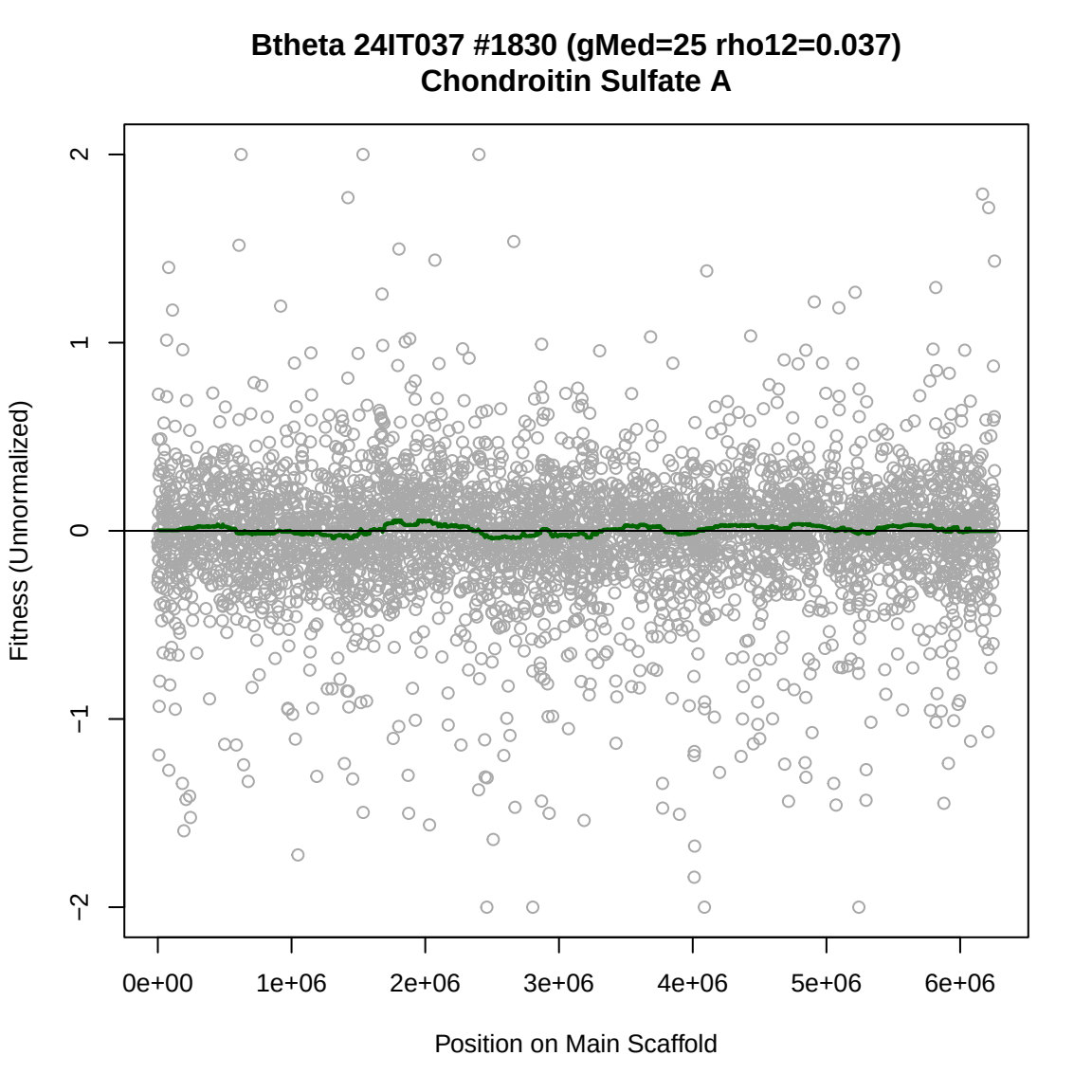

Btheta 24IT030 #1823 (gMed=24 rho12=0.022)
Arabinogalactan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

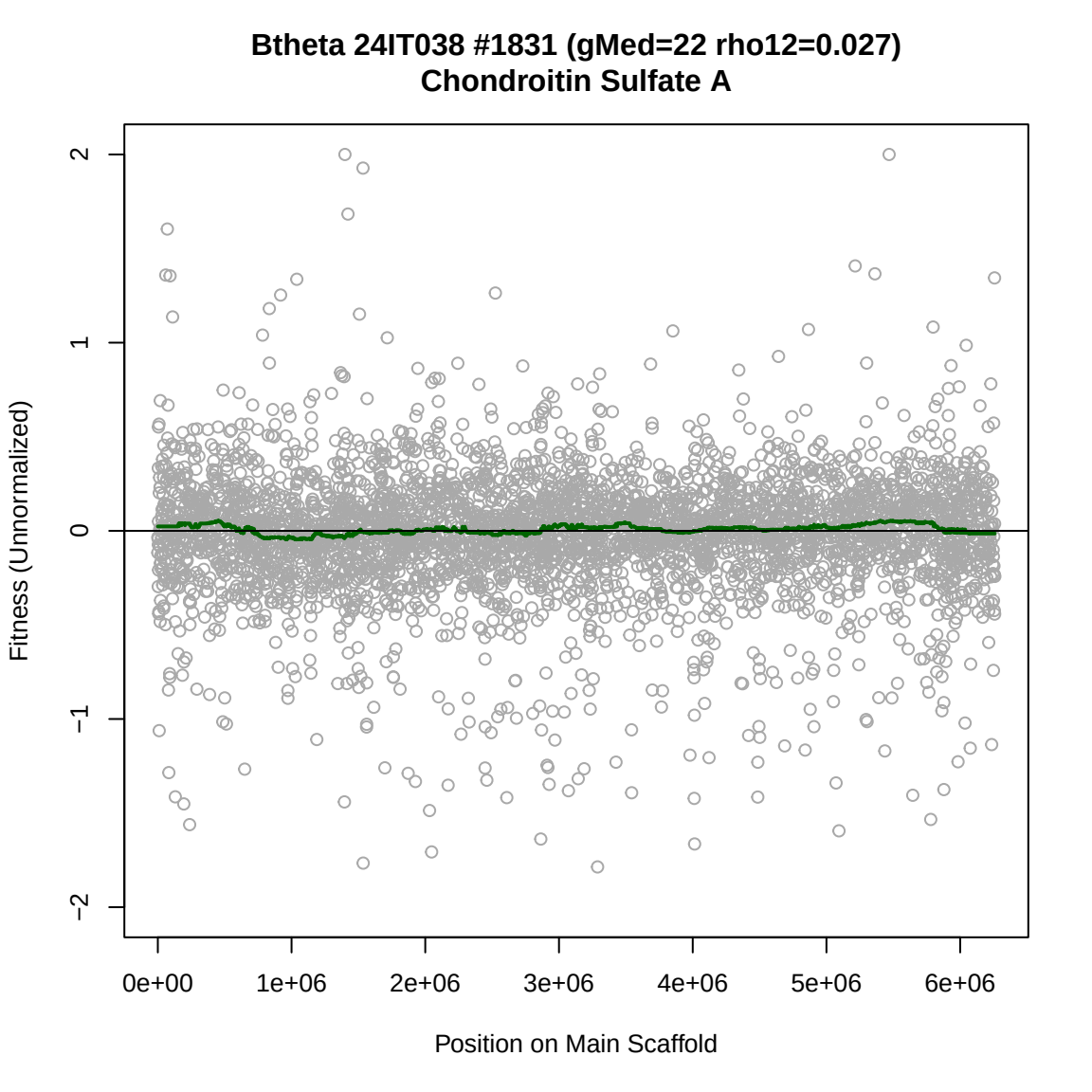

Btheta 24IT032 #1825 (gMed=17 rho12=0.011)
Arabinoxylan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

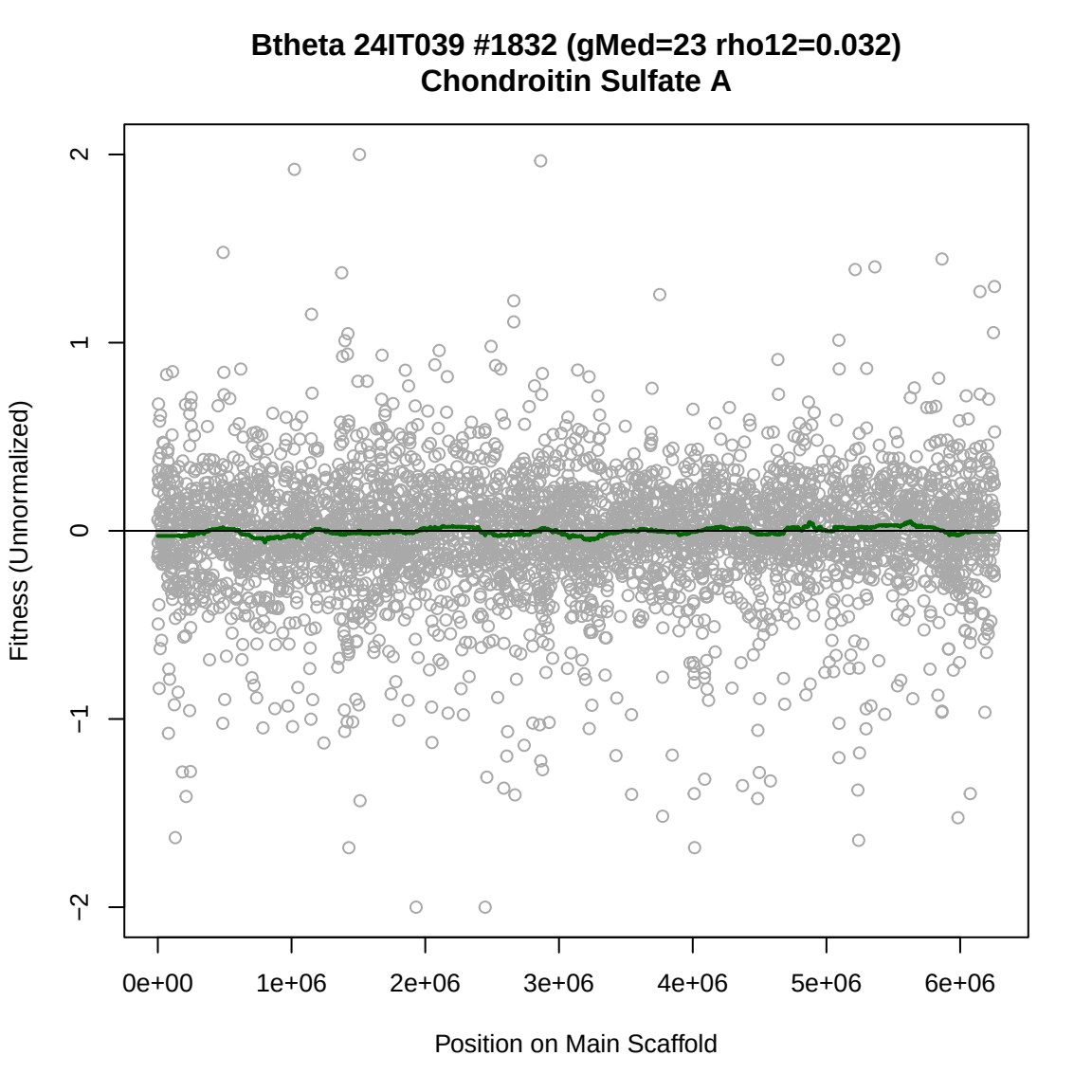

Btheta 24IT034 #1827 (gMed=16 rho12=0.029)
Chitosan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

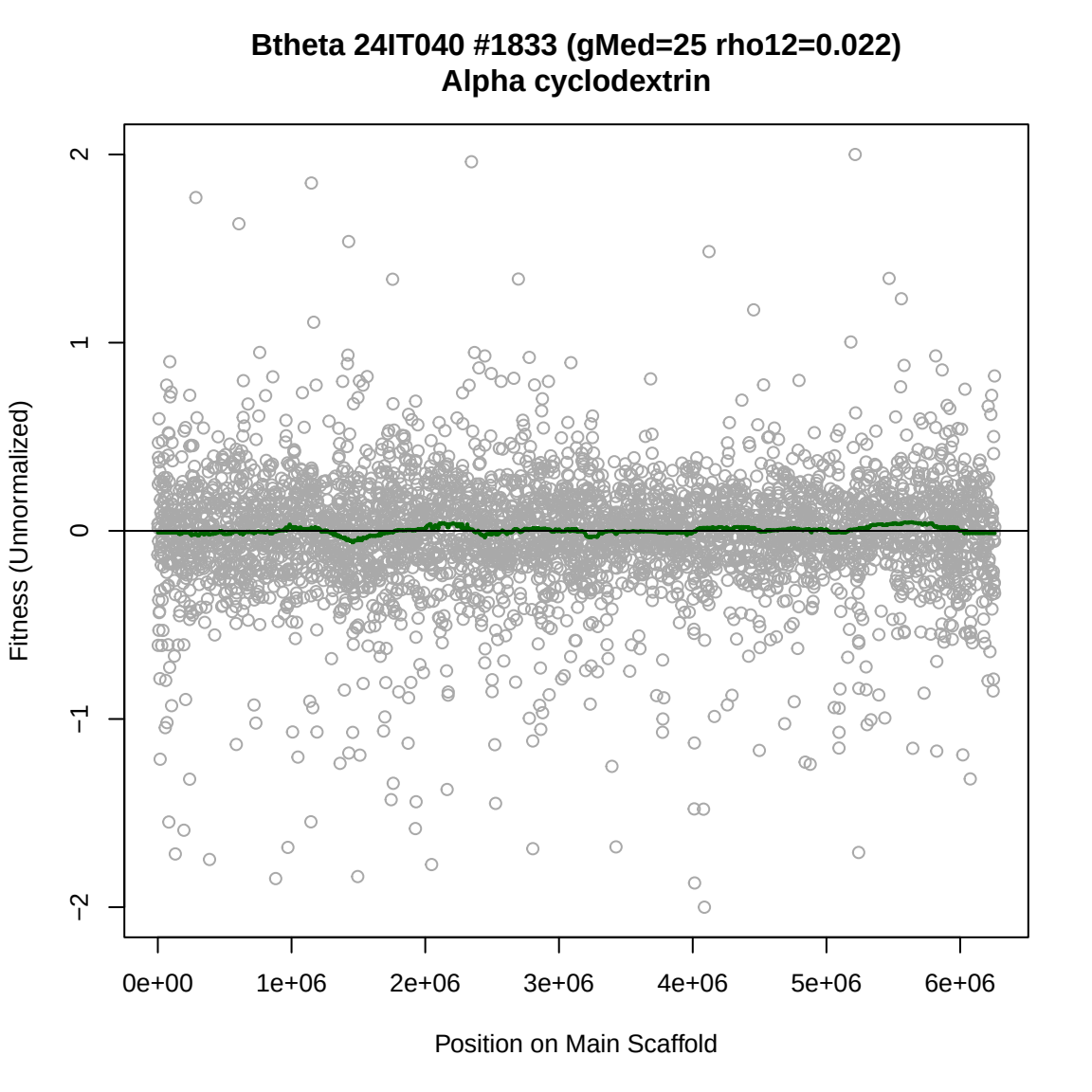

Btheta 24IT035 #1828 (gMed=19 rho12=0.036)
Chitosan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

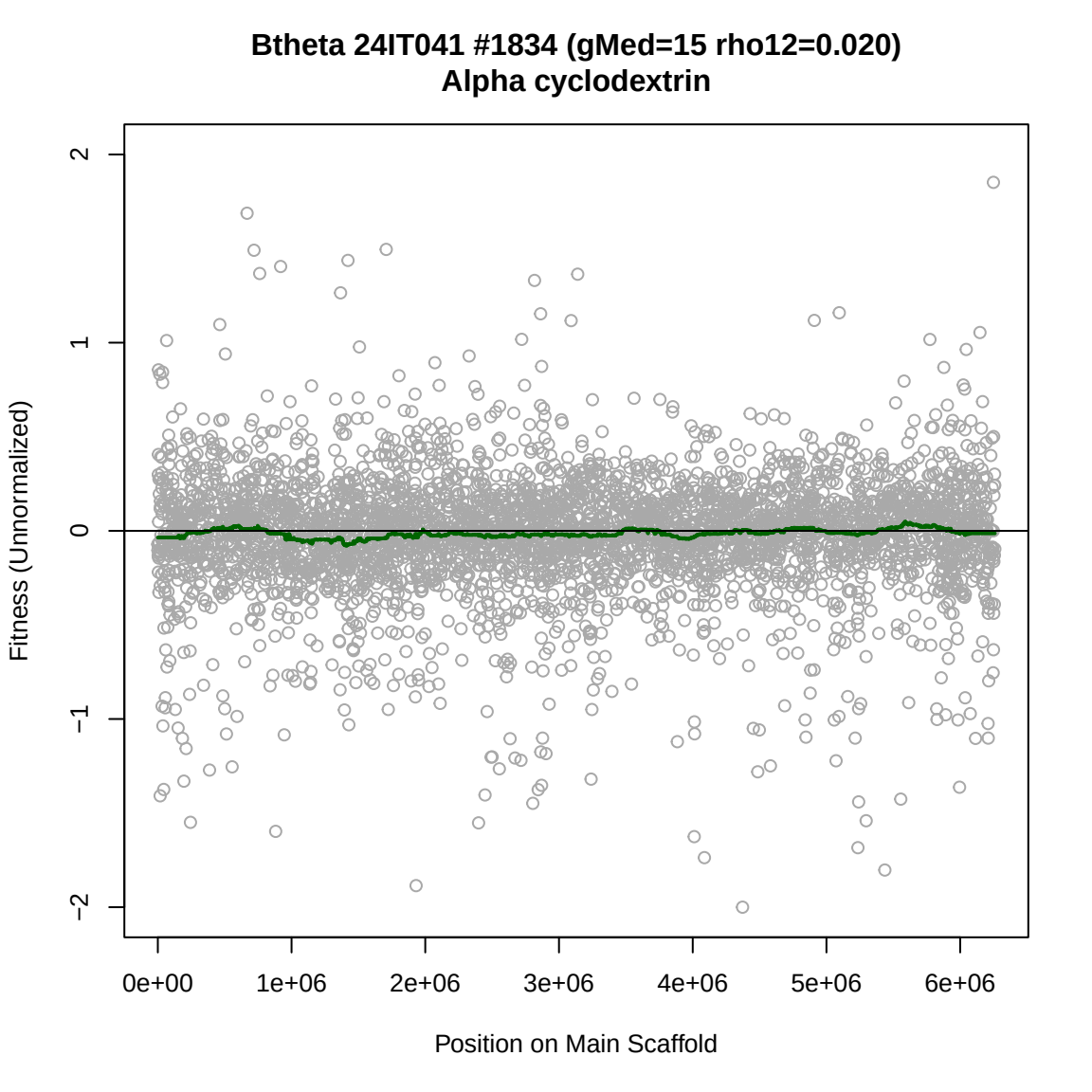

Btheta 24IT036 #1829 (gMed=17 rho12=0.022)
Chitosan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

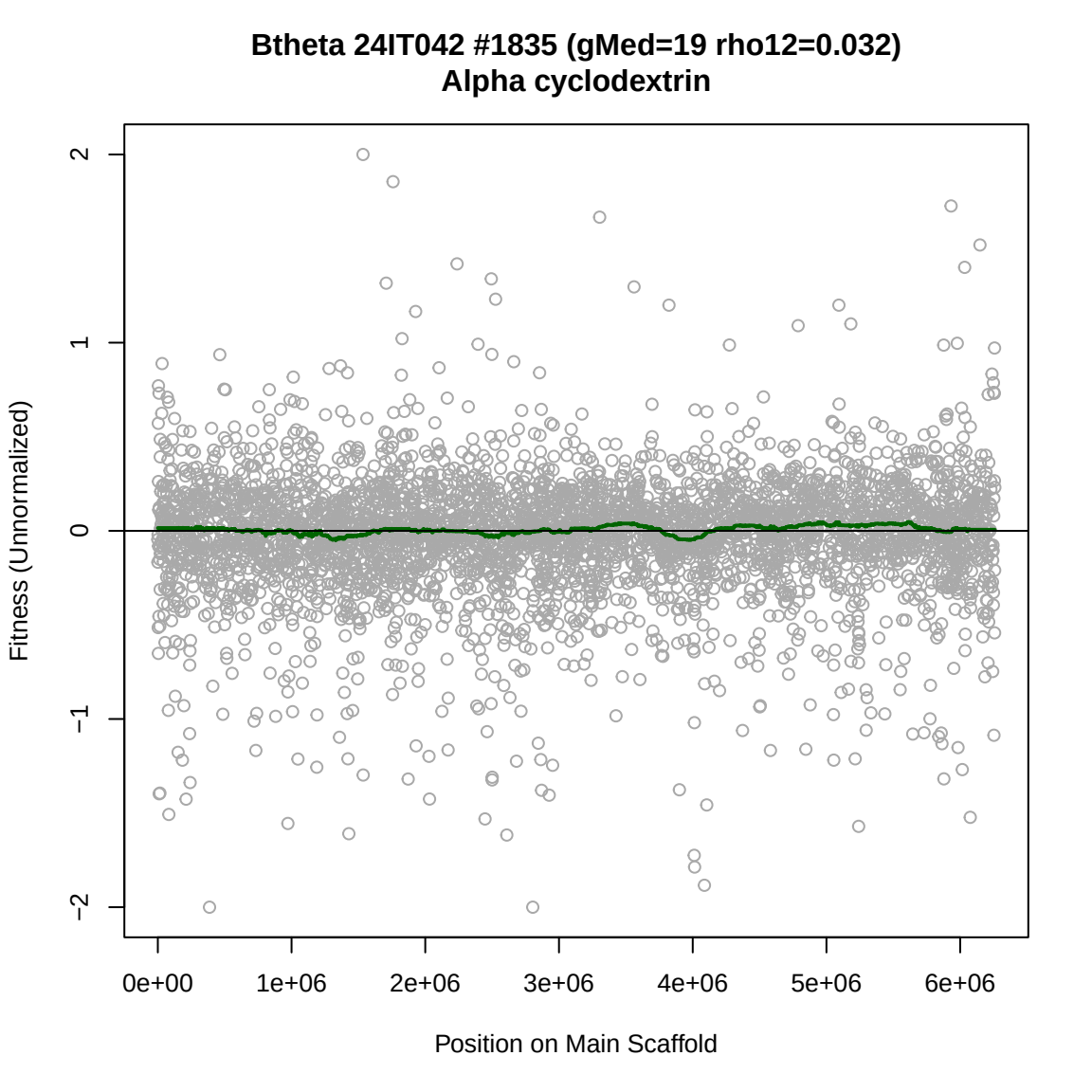

Btheta 24IT037 #1830 (gMed=25 rho12=0.037)
Chondroitin Sulfate A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

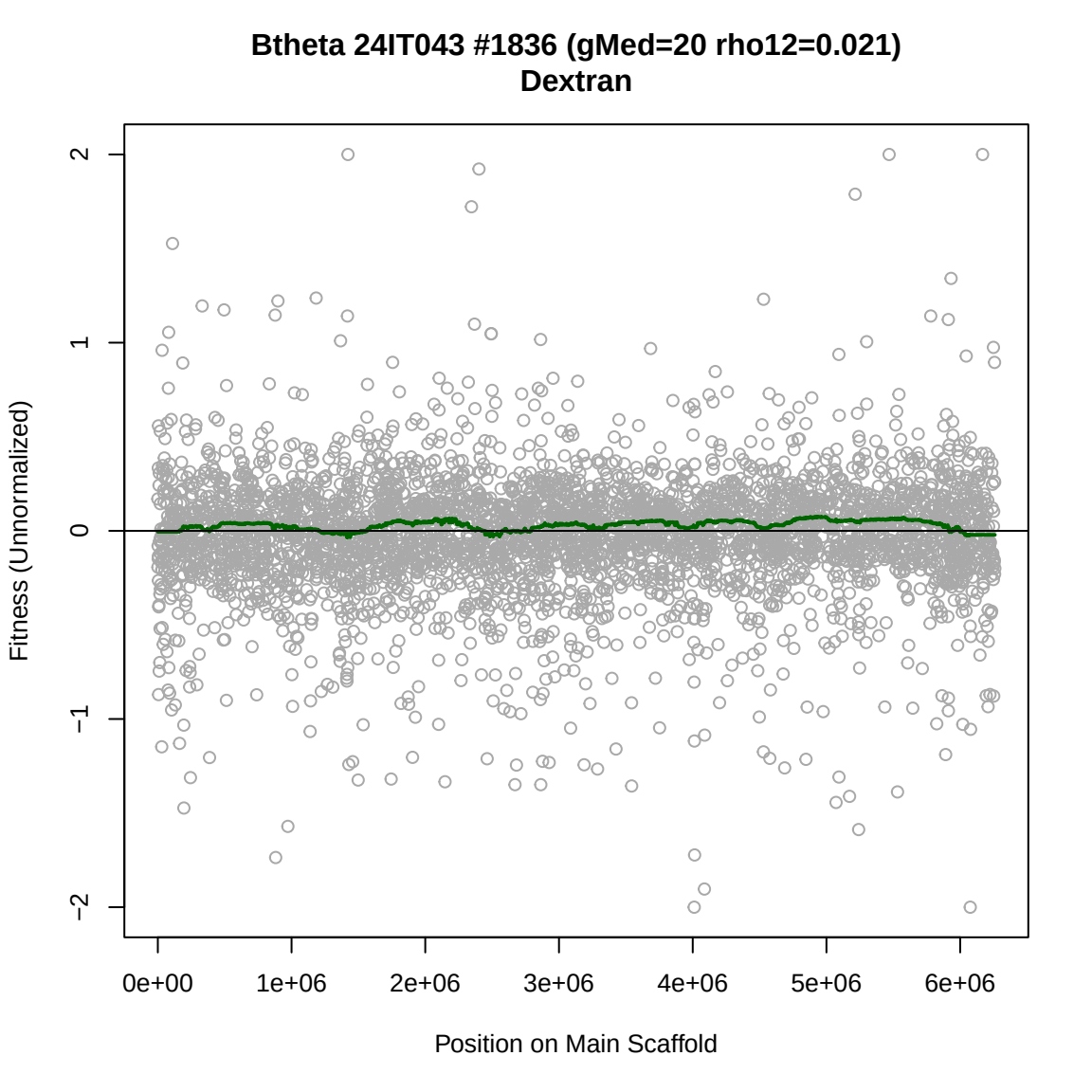

Btheta 24IT038 #1831 (gMed=22 rho12=0.027)
Chondroitin Sulfate A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

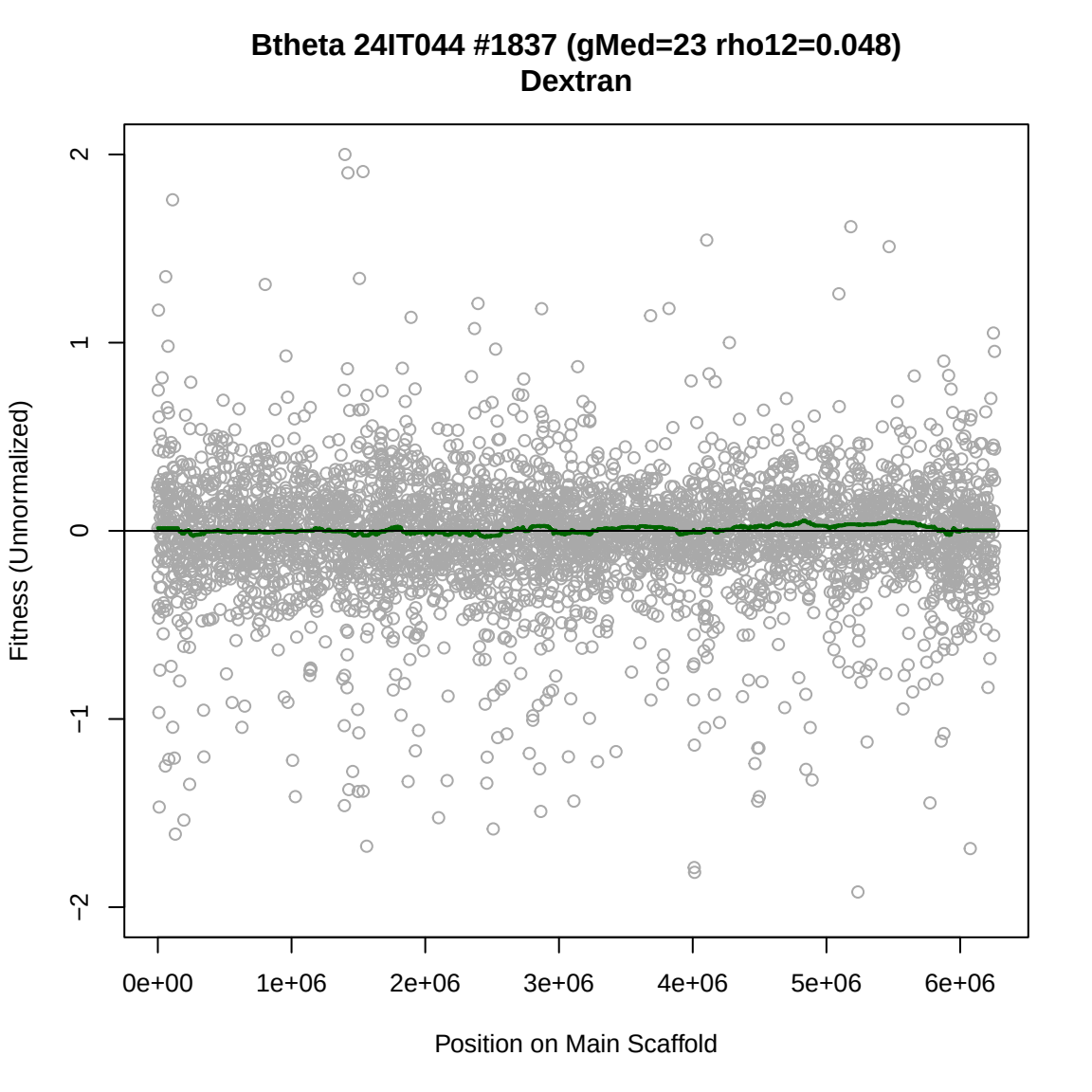

Btheta 24IT039 #1832 (gMed=23 rho12=0.032)
Chondroitin Sulfate A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

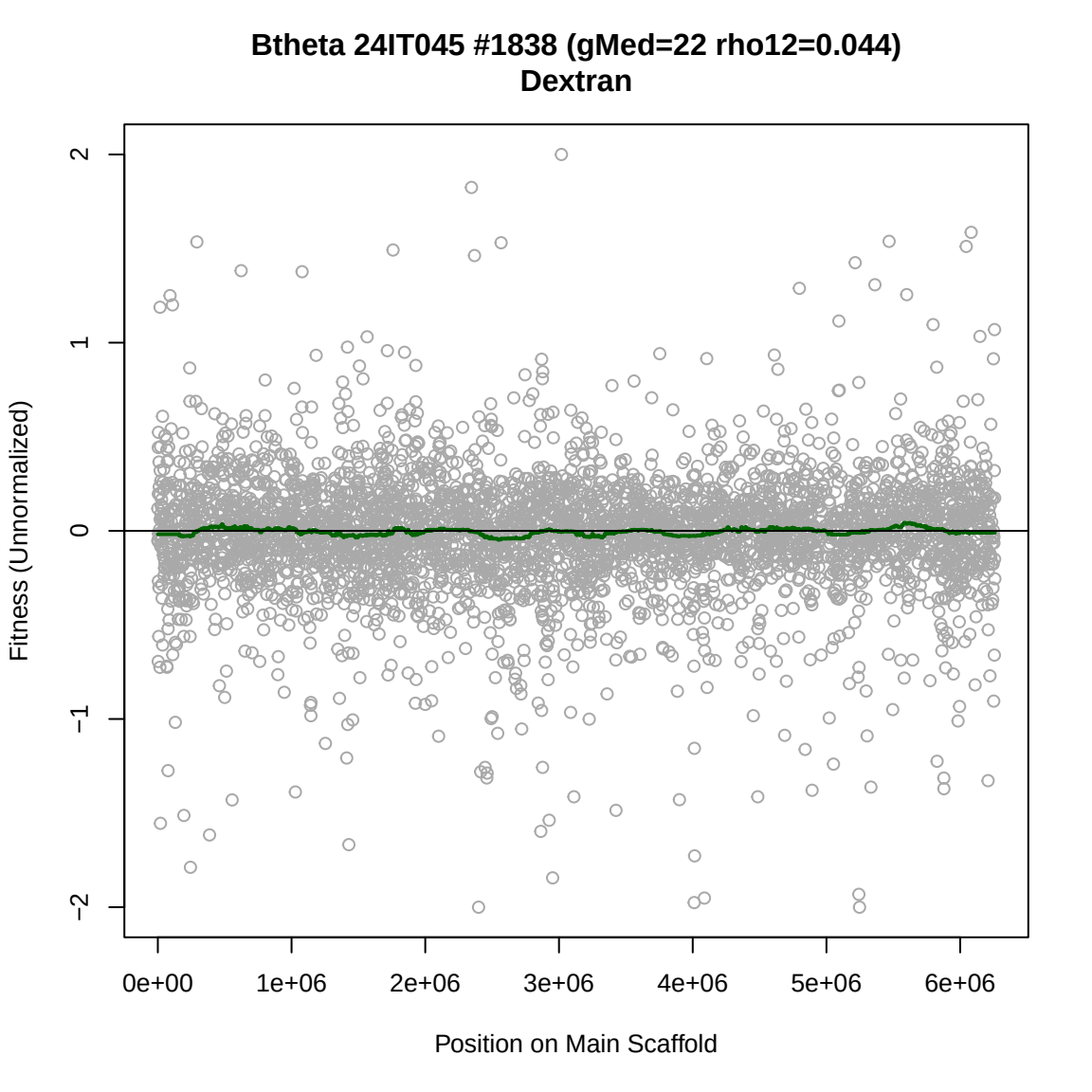

Btheta 24IT040 #1833 (gMed=25 rho12=0.022)
Alpha cyclodextrin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

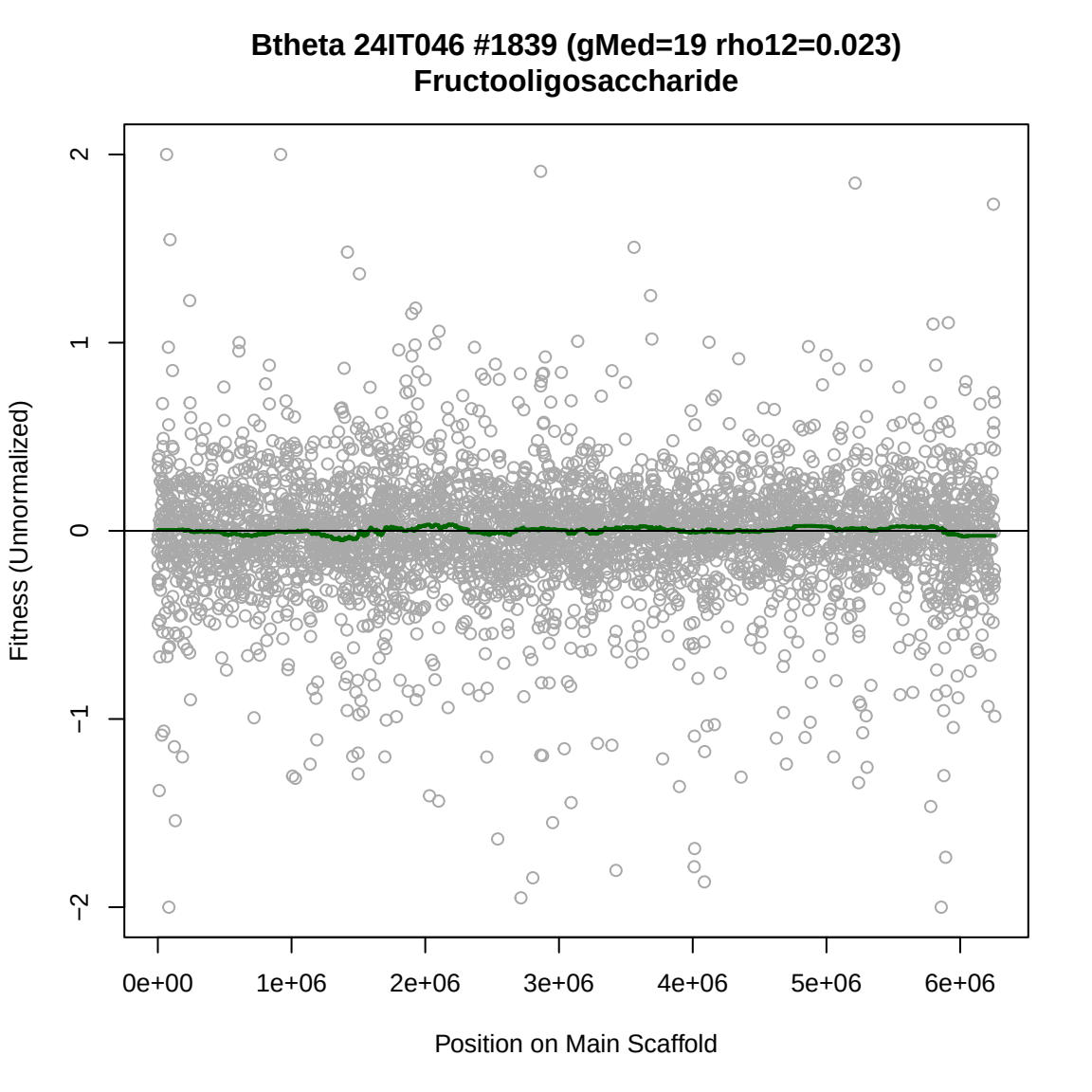

Btheta 24IT041 #1834 (gMed=15 rho12=0.020)
Alpha cyclodextrin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

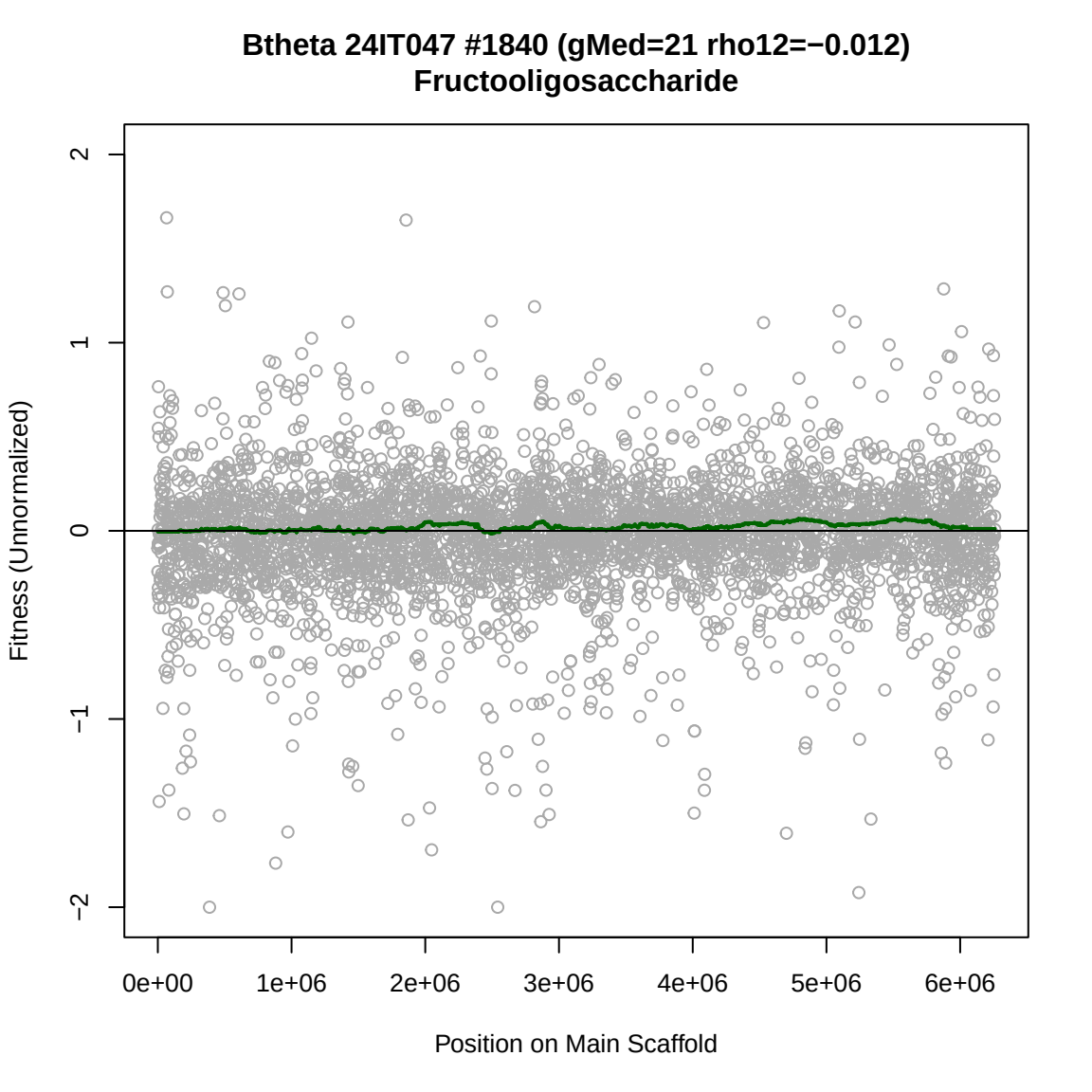

Btheta 24IT042 #1835 (gMed=19 rho12=0.032)
Alpha cyclodextrin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

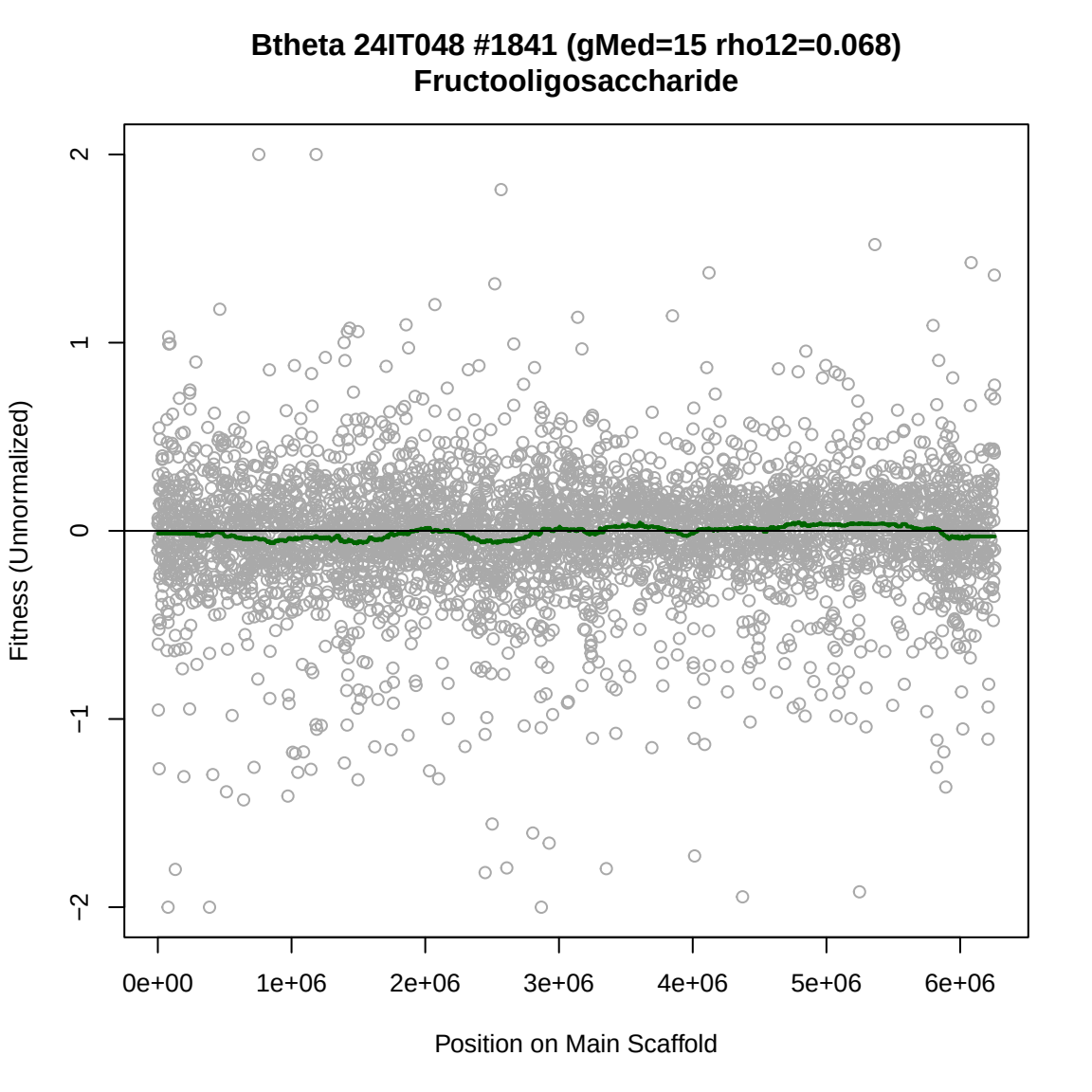

Btheta 24IT043 #1836 (gMed=20 rho12=0.021)
Dextran
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

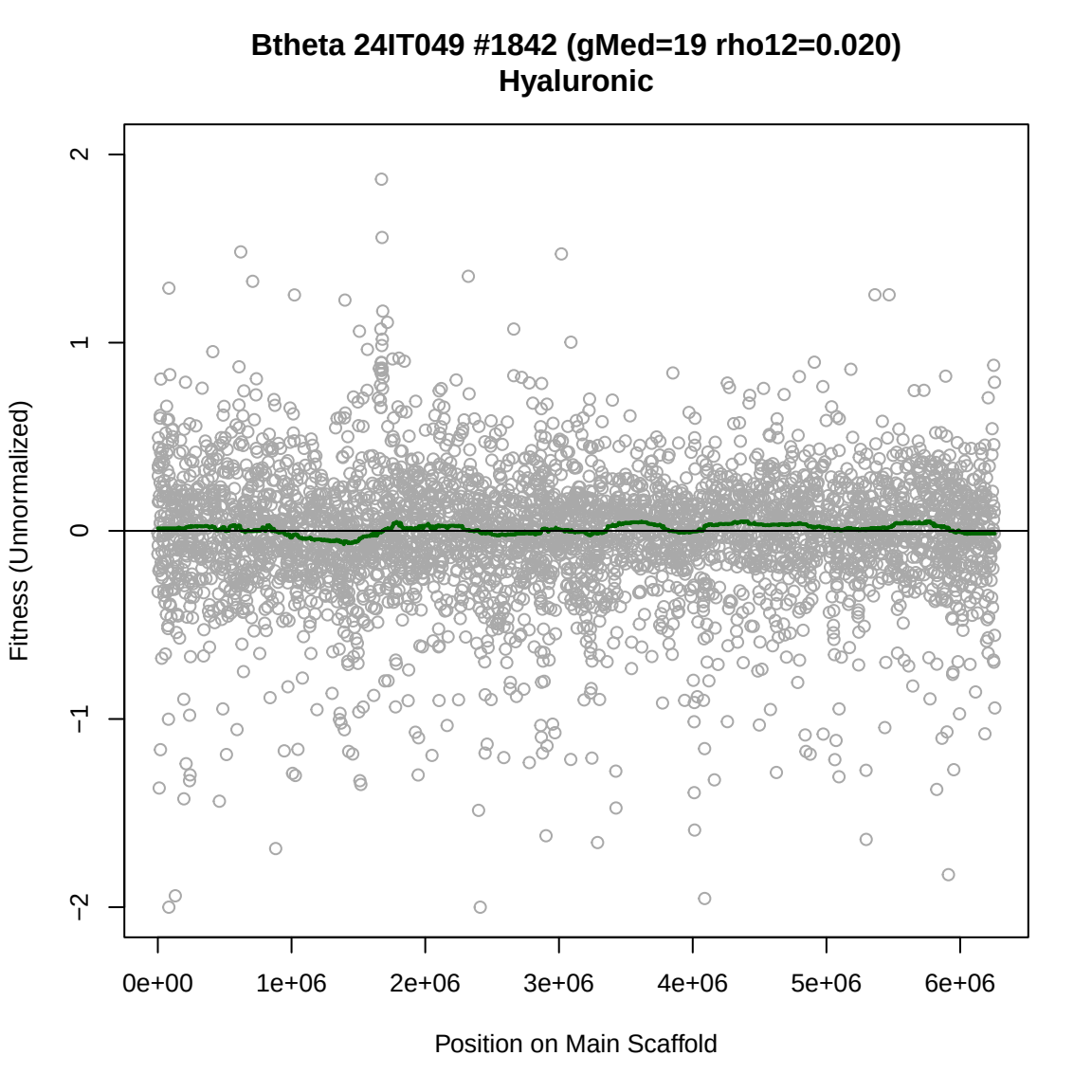

Btheta 24IT044 #1837 (gMed=23 rho12=0.048)
Dextran
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

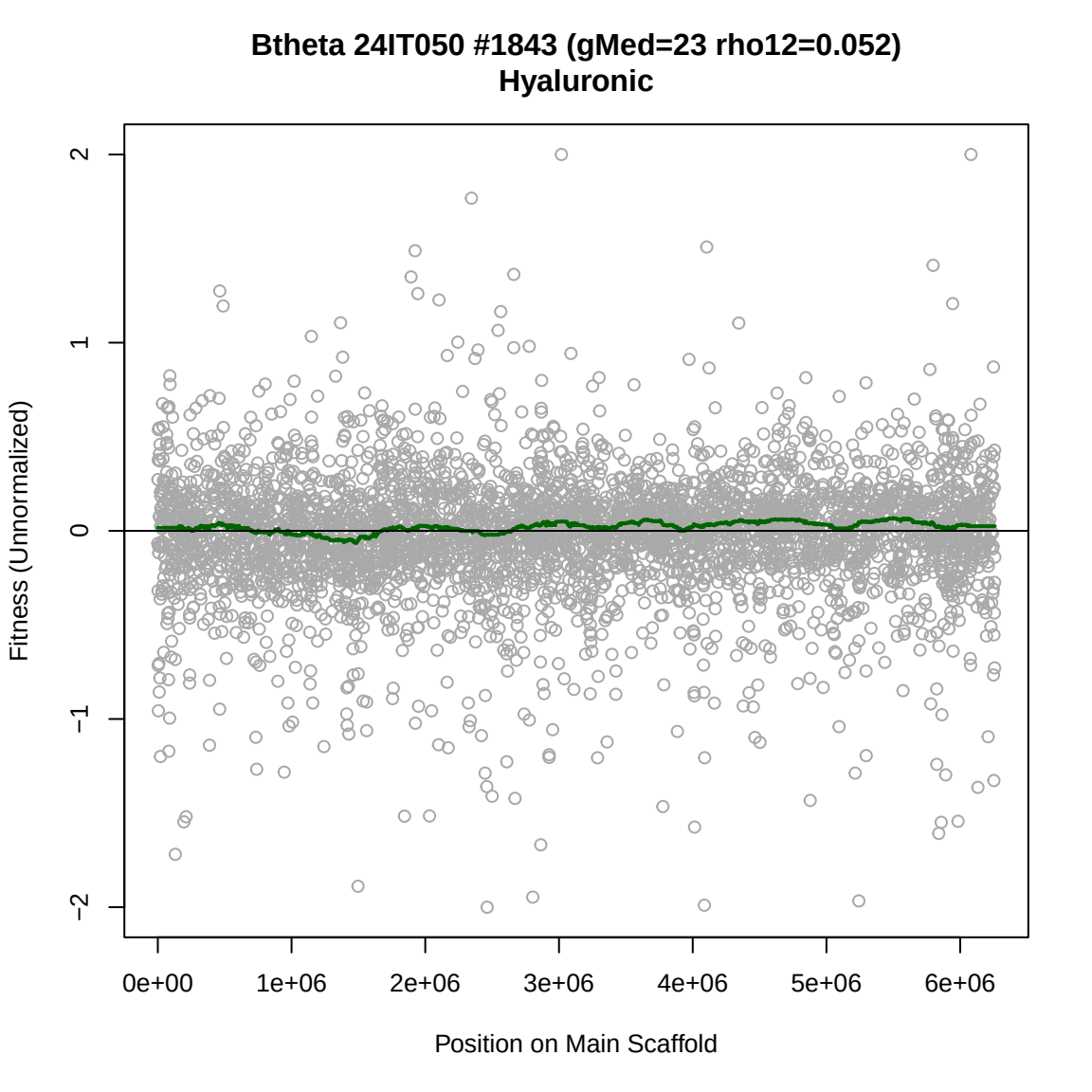

Btheta 24IT045 #1838 (gMed=22 rho12=0.044)
Dextran
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

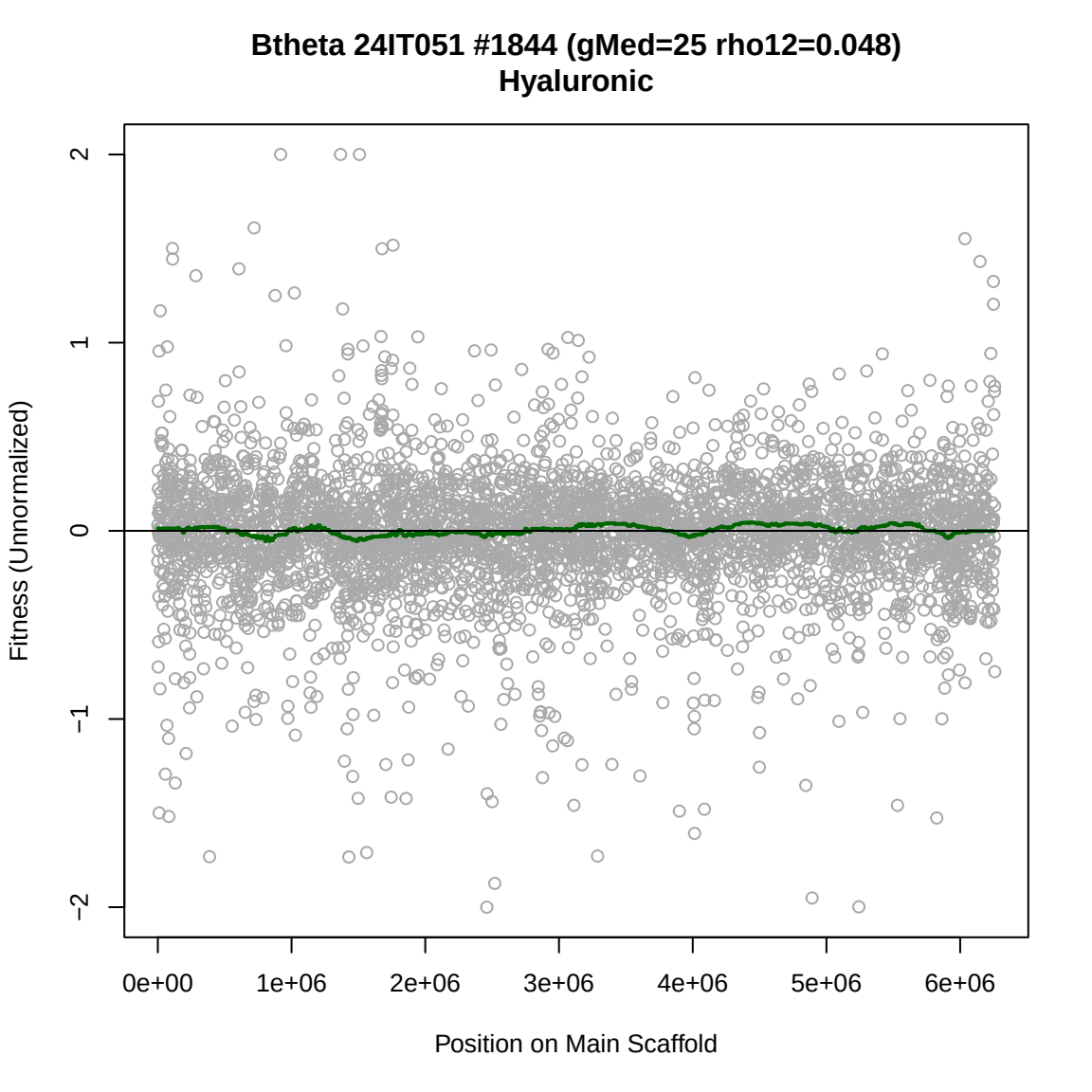

Btheta 24IT046 #1839 (gMed=19 rho12=0.023)
Fructooligosaccharide
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

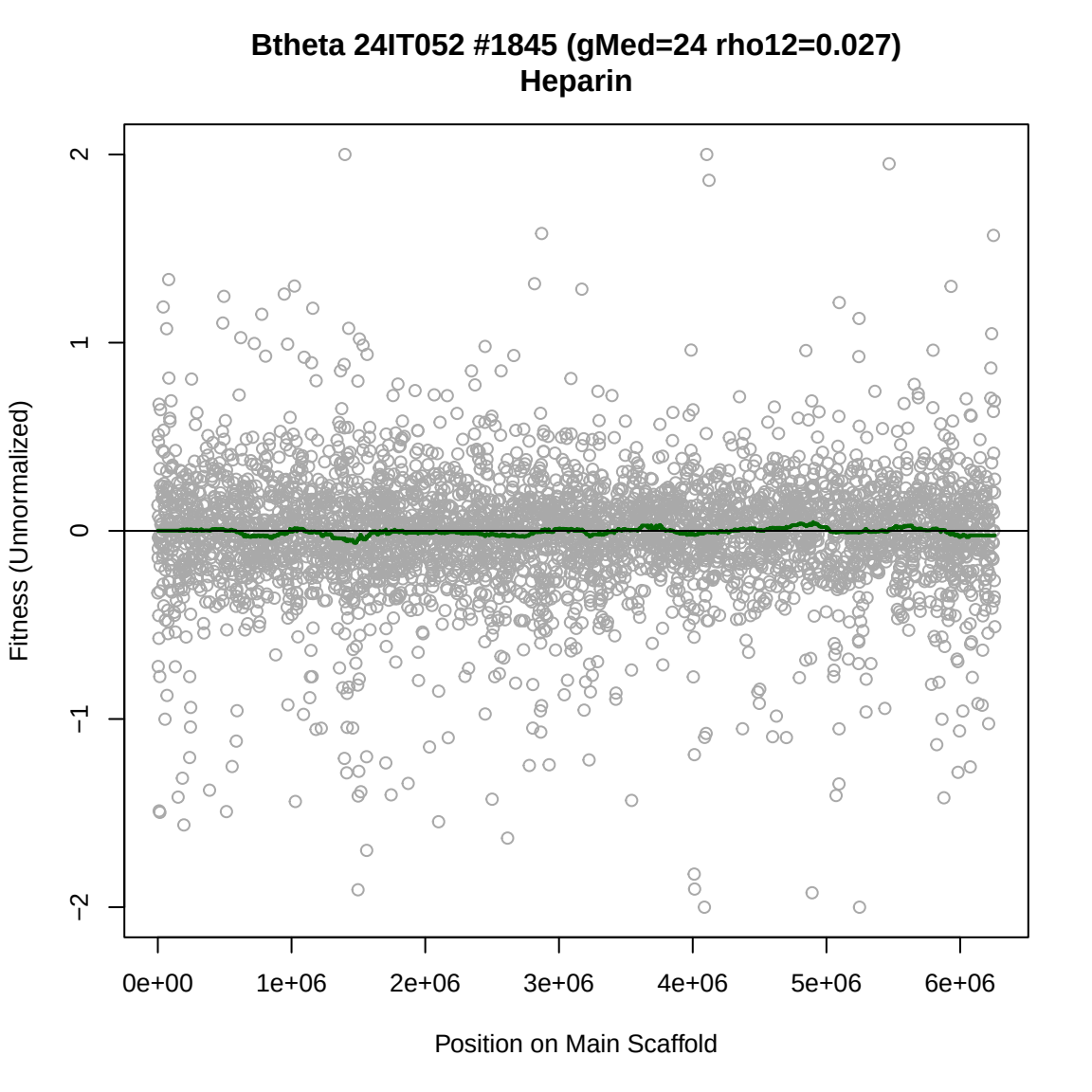

Btheta 24IT047 #1840 (gMed=21 rho12=−0.012)
Fructooligosaccharide
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

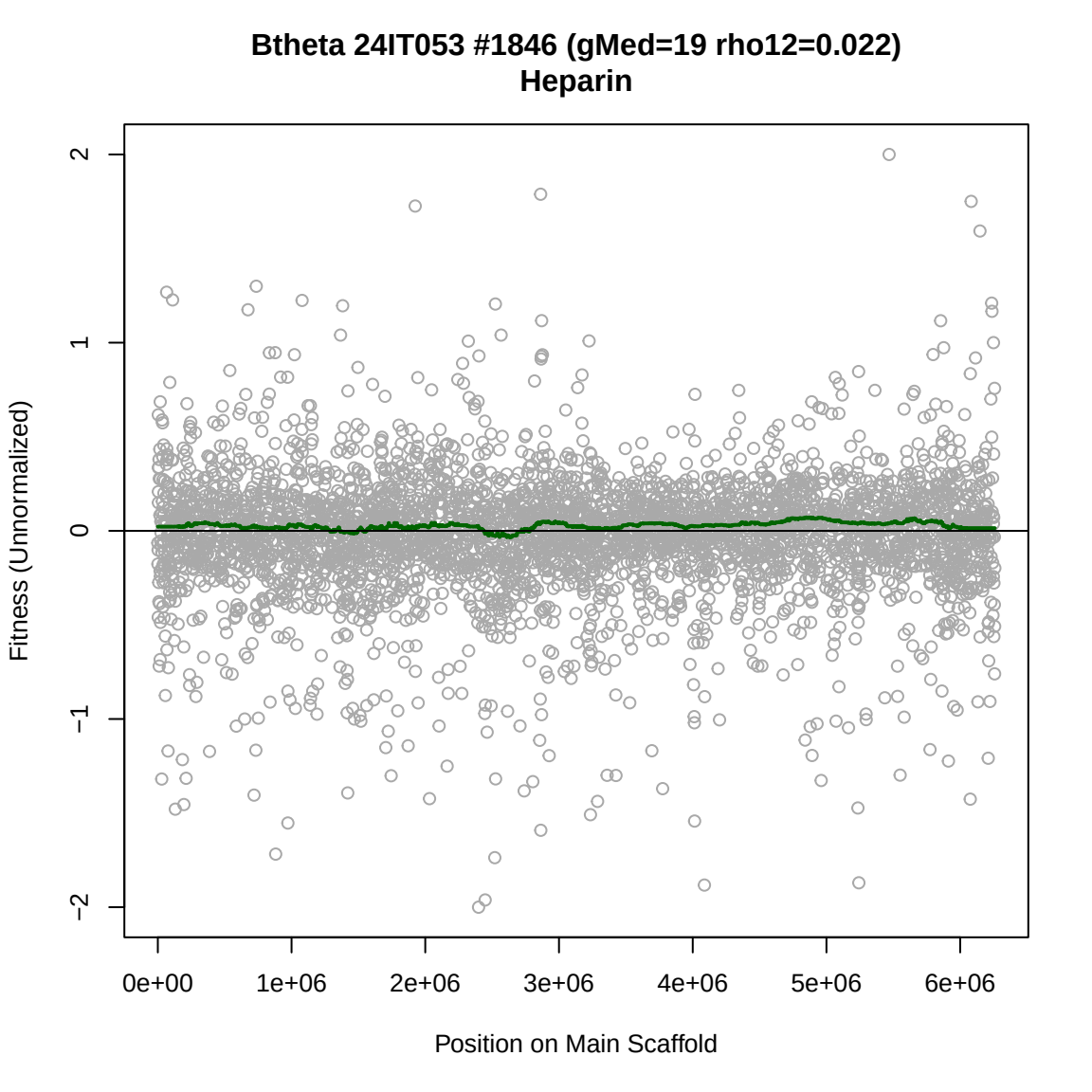

Btheta 24IT048 #1841 (gMed=15 rho12=0.068)
Fructooligosaccharide
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

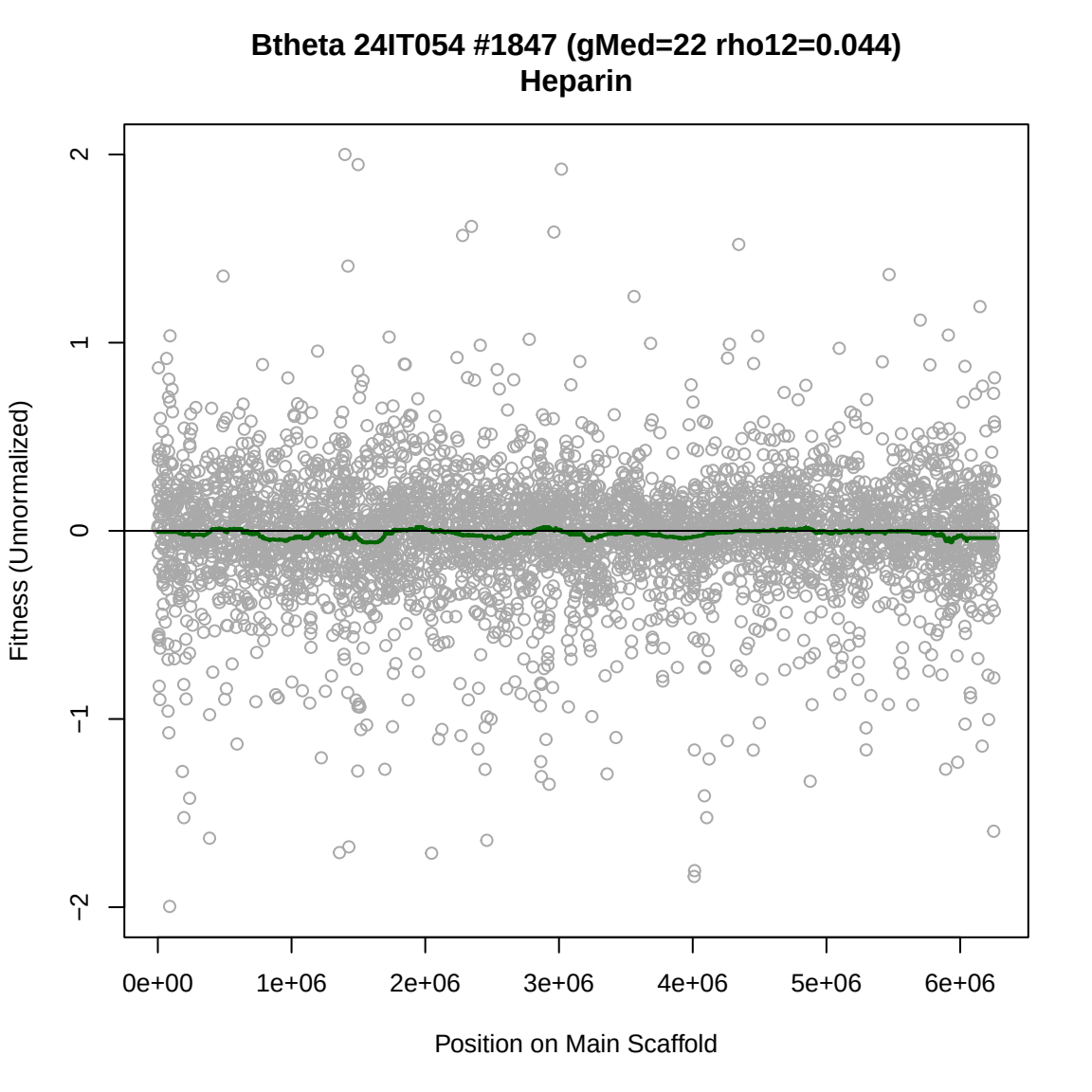

Btheta 24IT049 #1842 (gMed=19 rho12=0.020)
Hyaluronic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

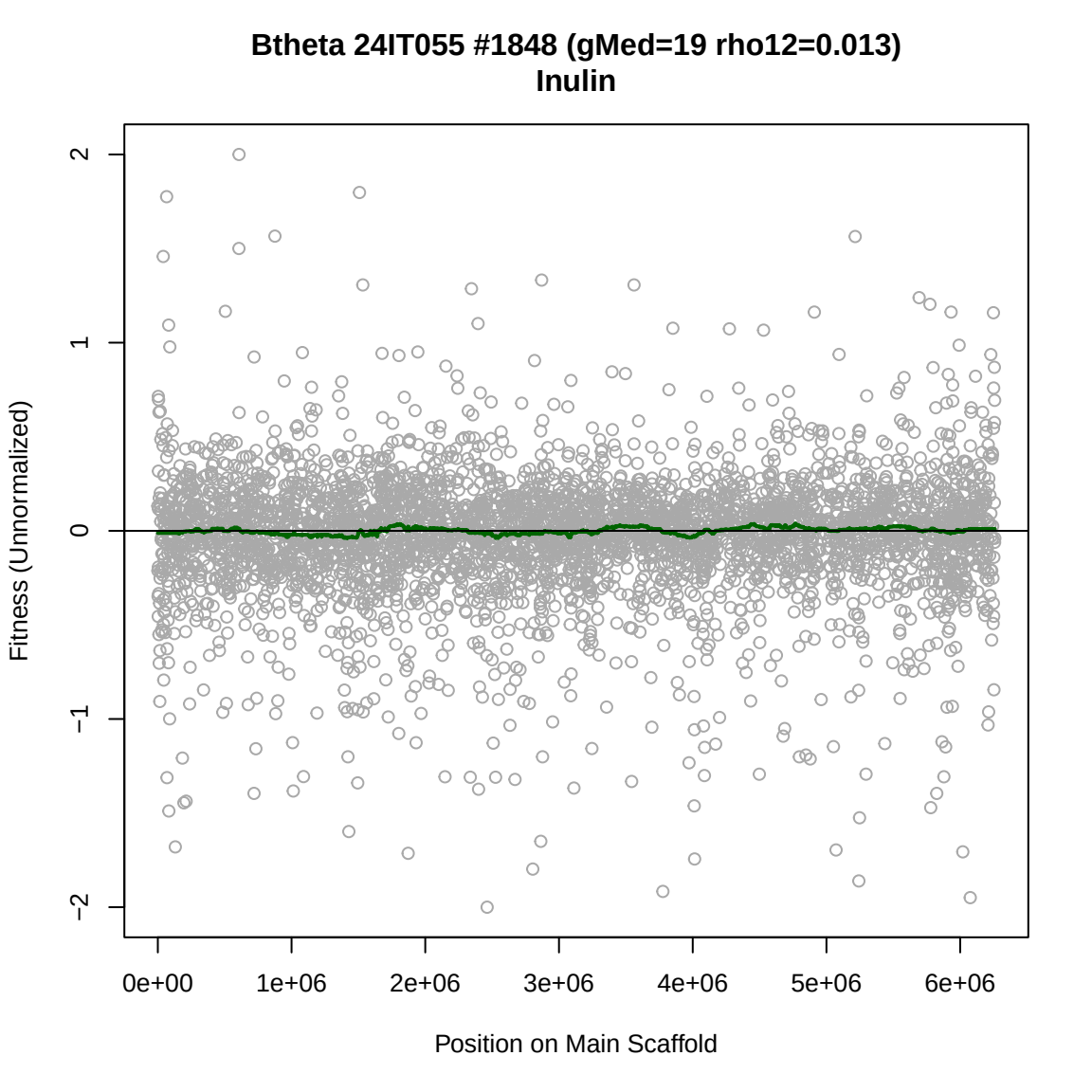

Btheta 24IT050 #1843 (gMed=23 rho12=0.052)
Hyaluronic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

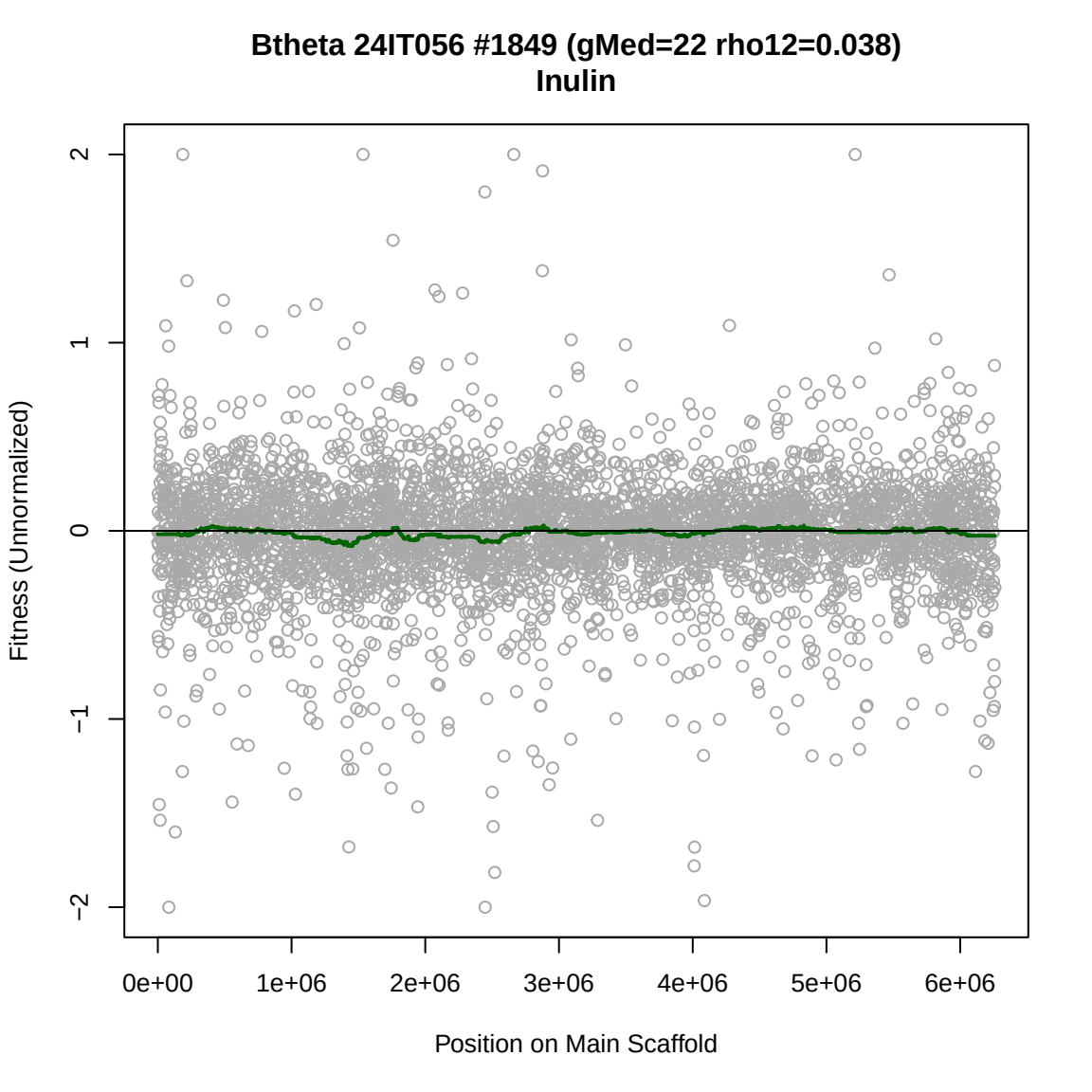

Btheta 24IT051 #1844 (gMed=25 rho12=0.048)
Hyaluronic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

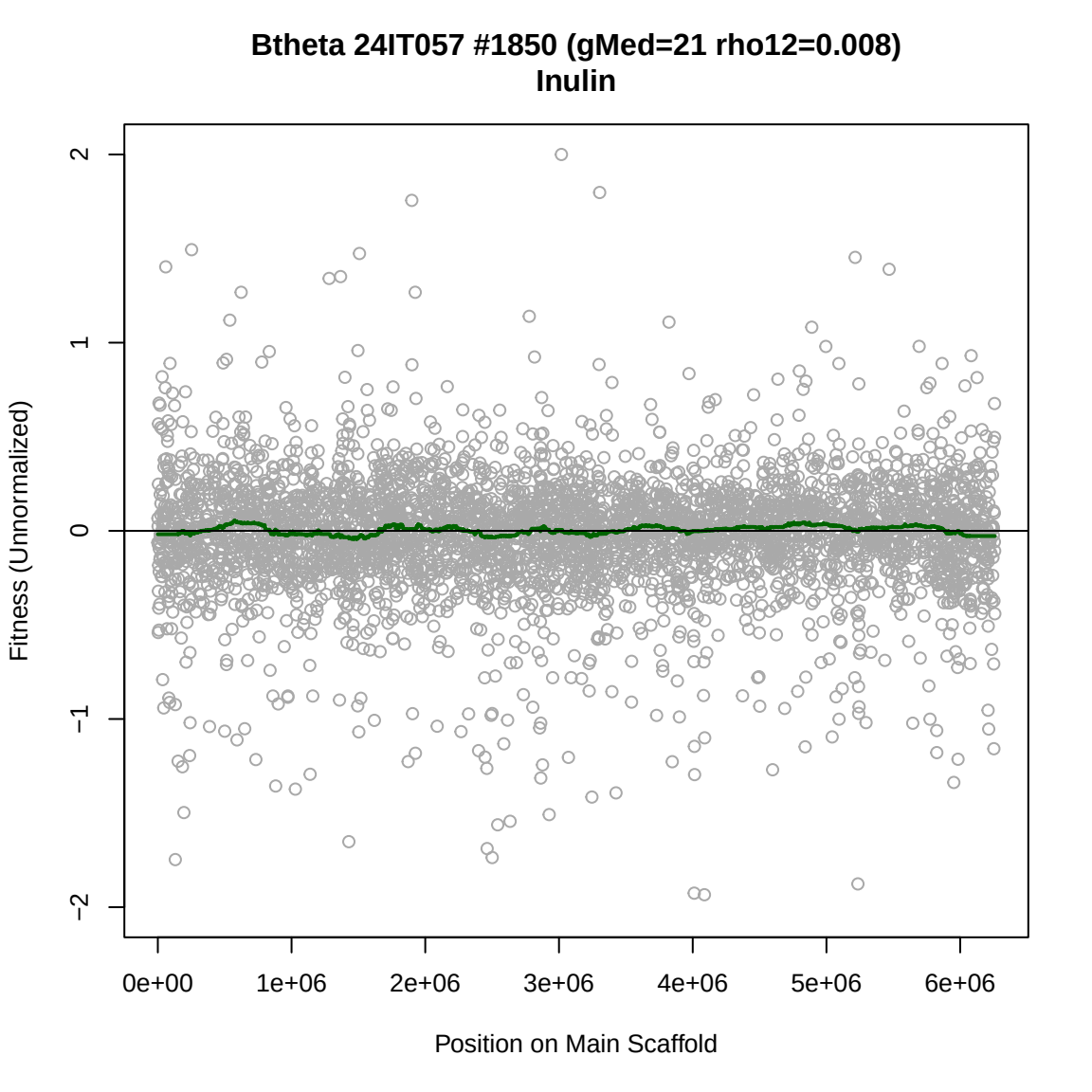

Btheta 24IT052 #1845 (gMed=24 rho12=0.027)
Heparin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

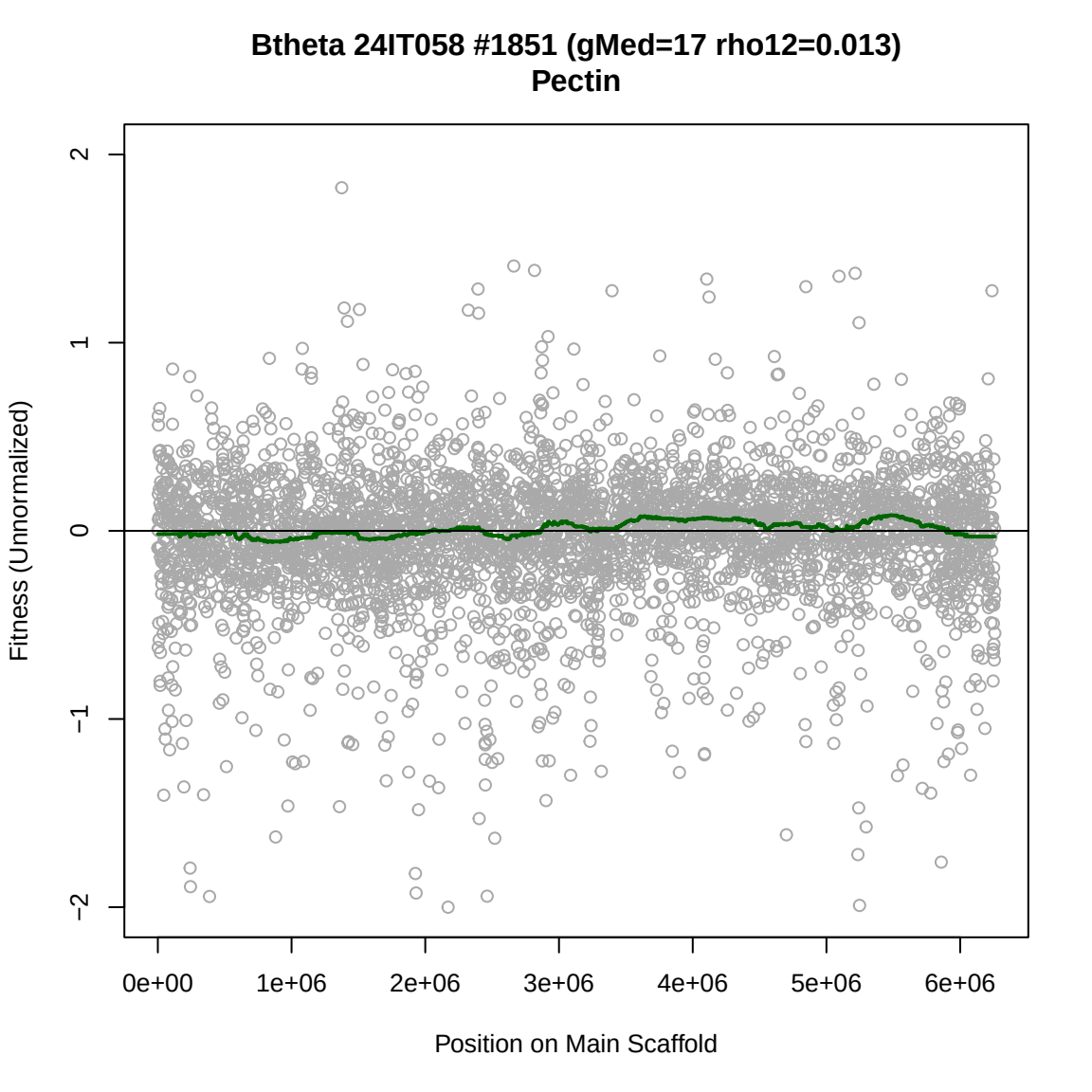

Btheta 24IT053 #1846 (gMed=19 rho12=0.022)
Heparin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

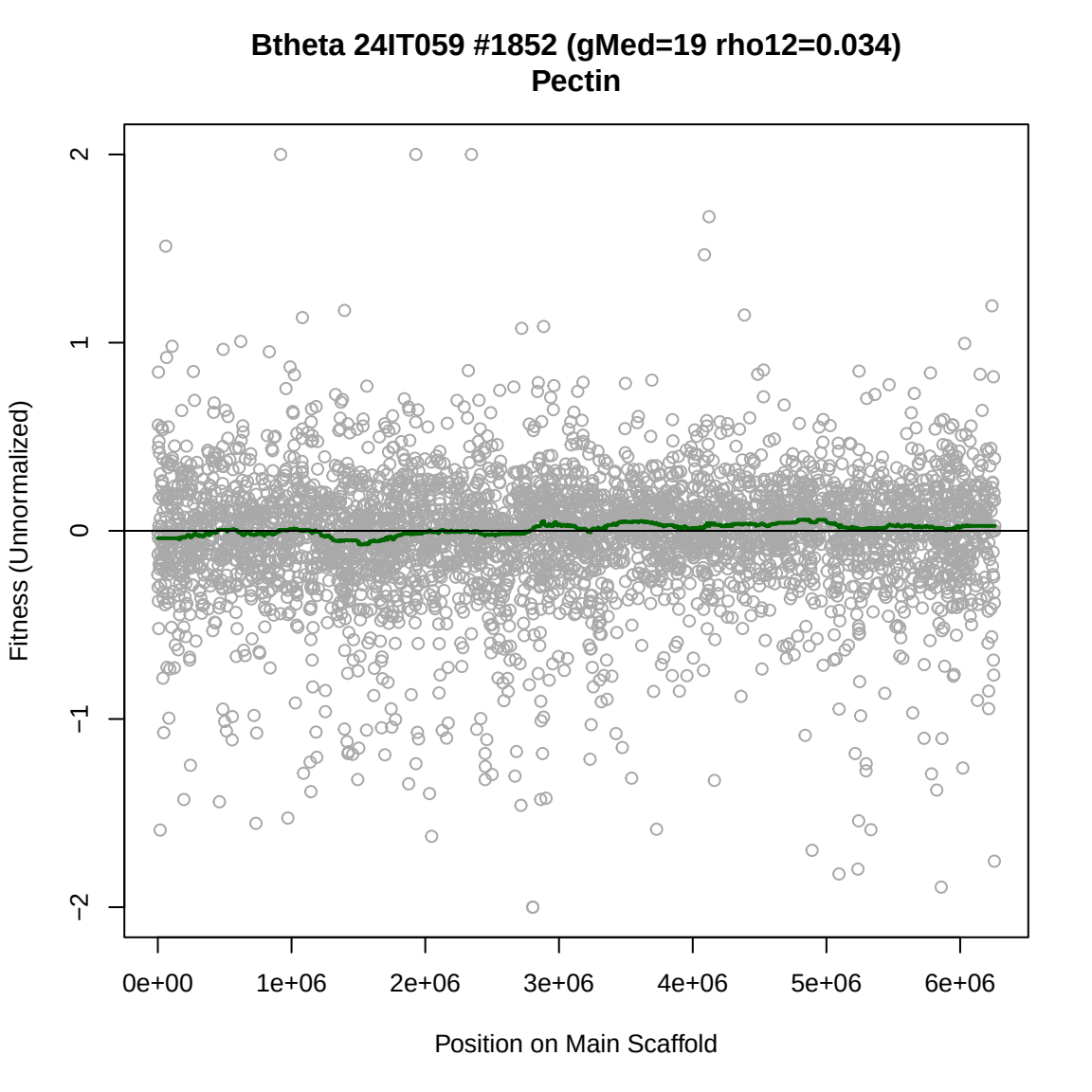

Btheta 24IT054 #1847 (gMed=22 rho12=0.044)
Heparin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

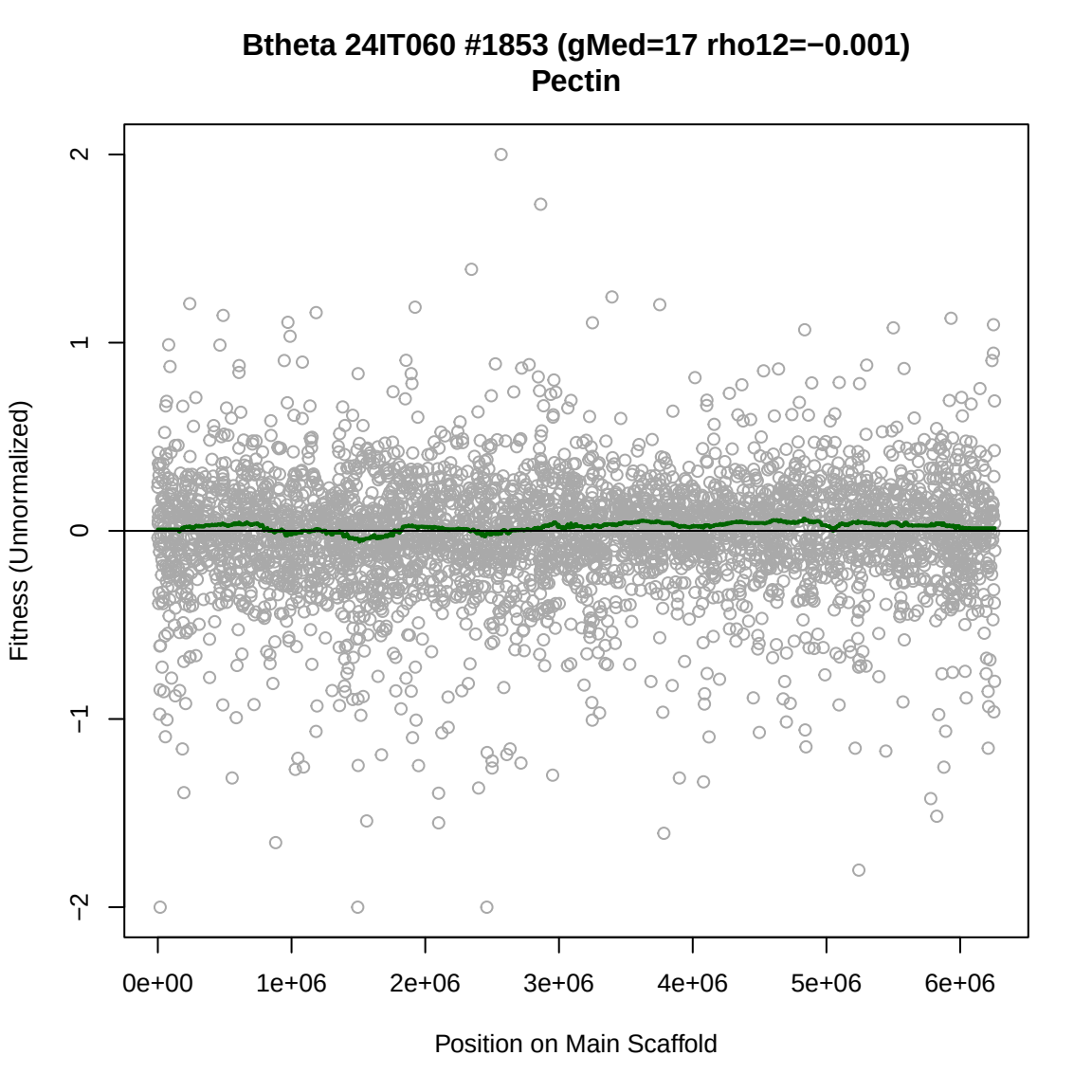

Btheta 24IT055 #1848 (gMed=19 rho12=0.013)
Inulin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

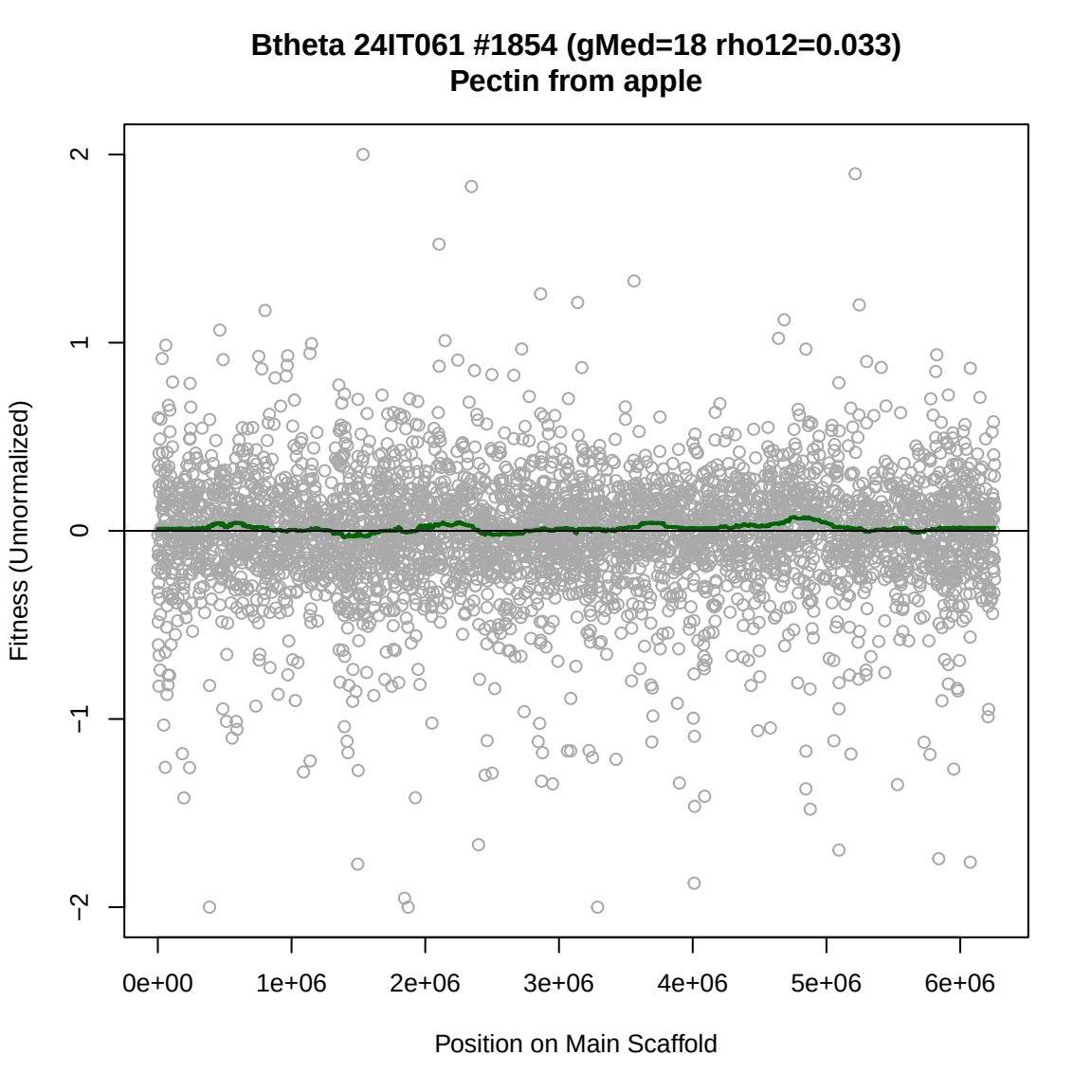

Btheta 24IT056 #1849 (gMed=22 rho12=0.038)
Inulin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

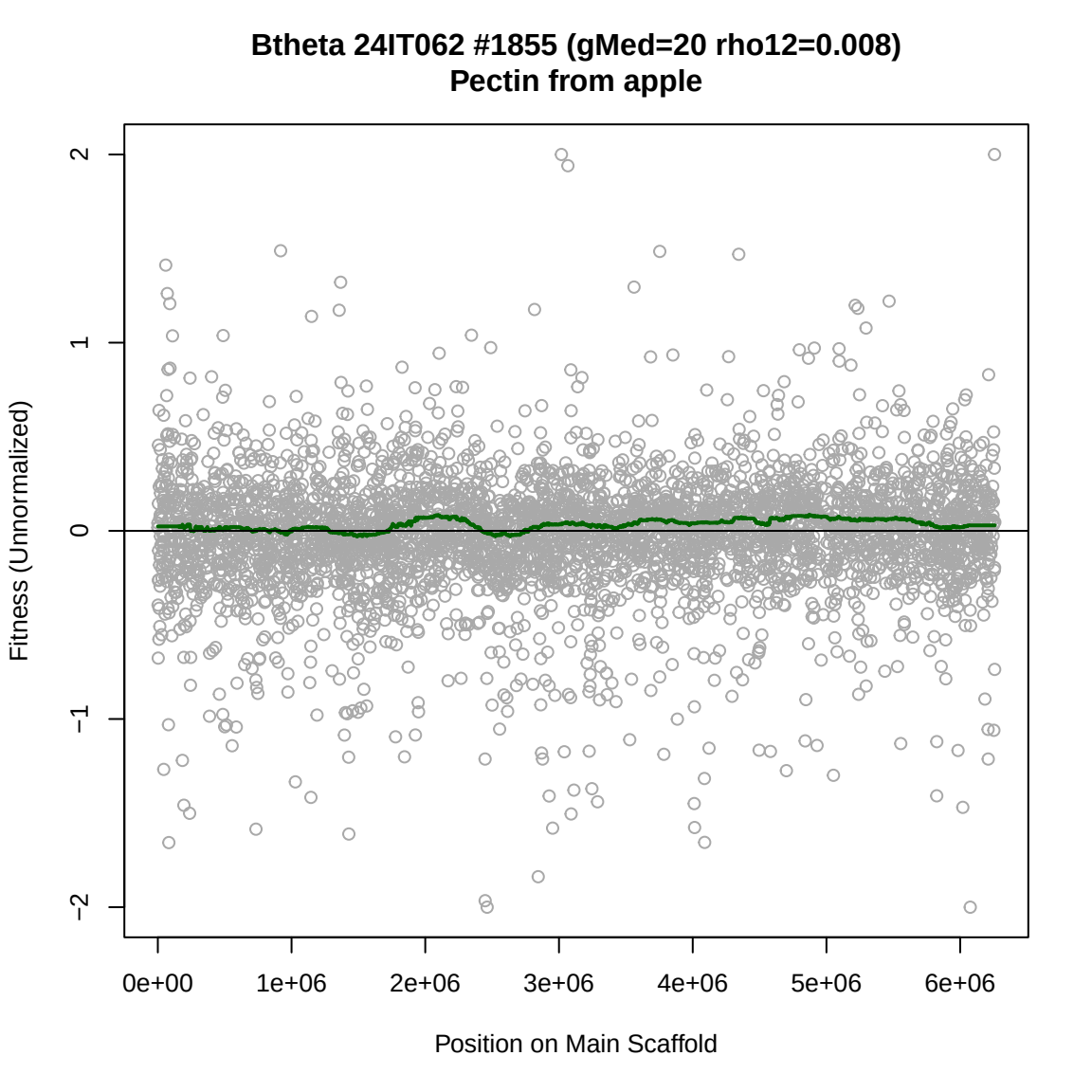

Btheta 24IT057 #1850 (gMed=21 rho12=0.008)
Inulin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

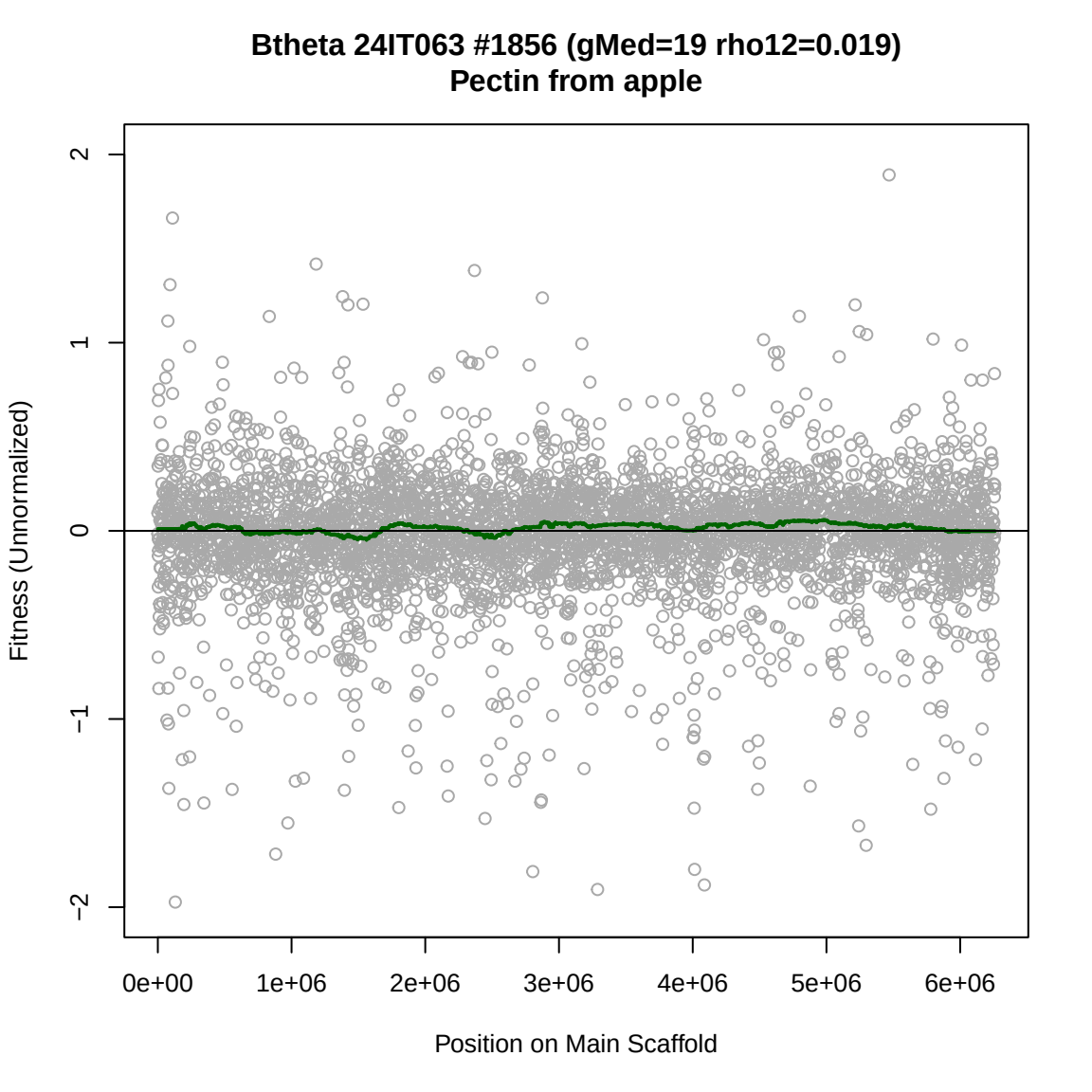

Btheta 24IT058 #1851 (gMed=17 rho12=0.013)
Pectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

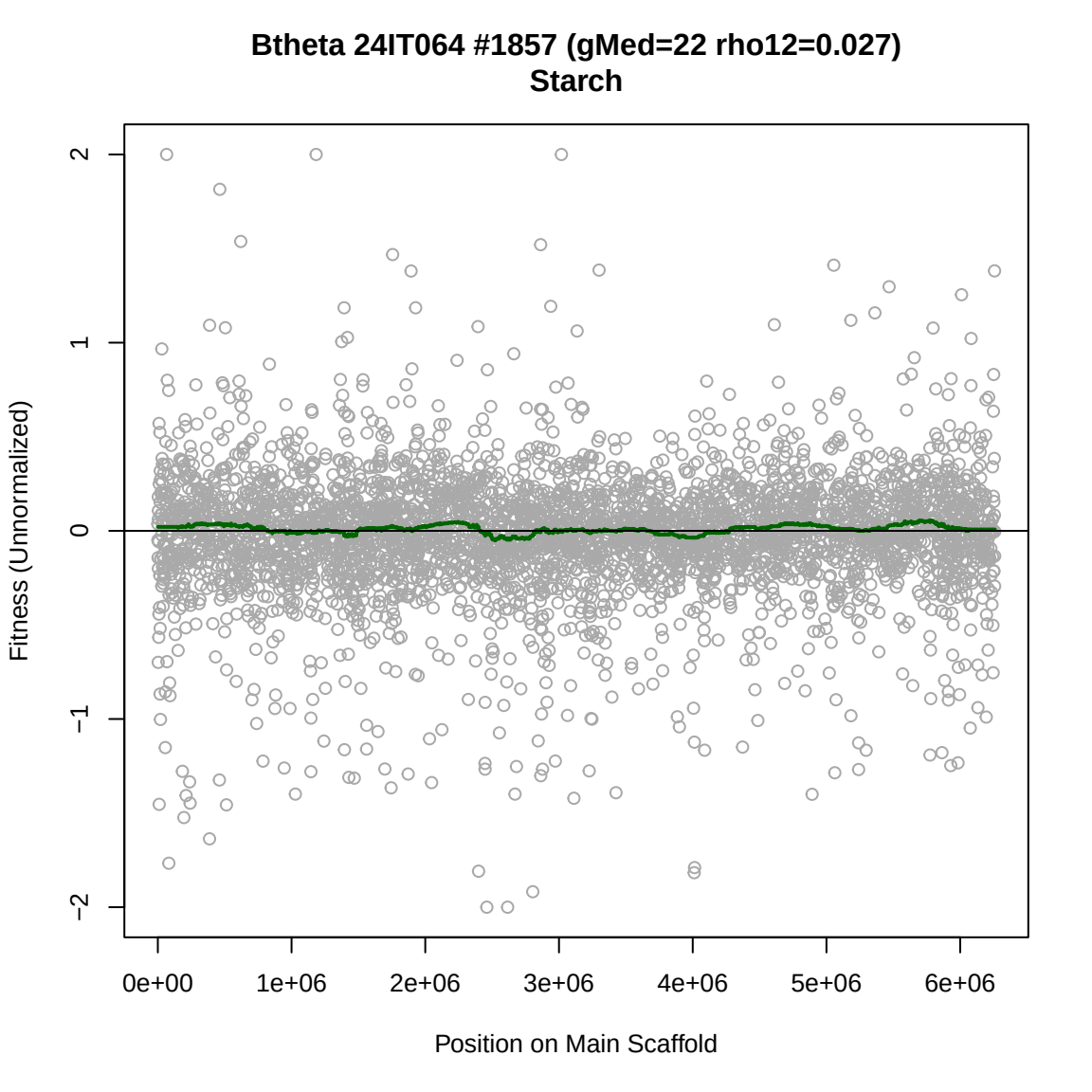

Btheta 24IT059 #1852 (gMed=19 rho12=0.034)
Pectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

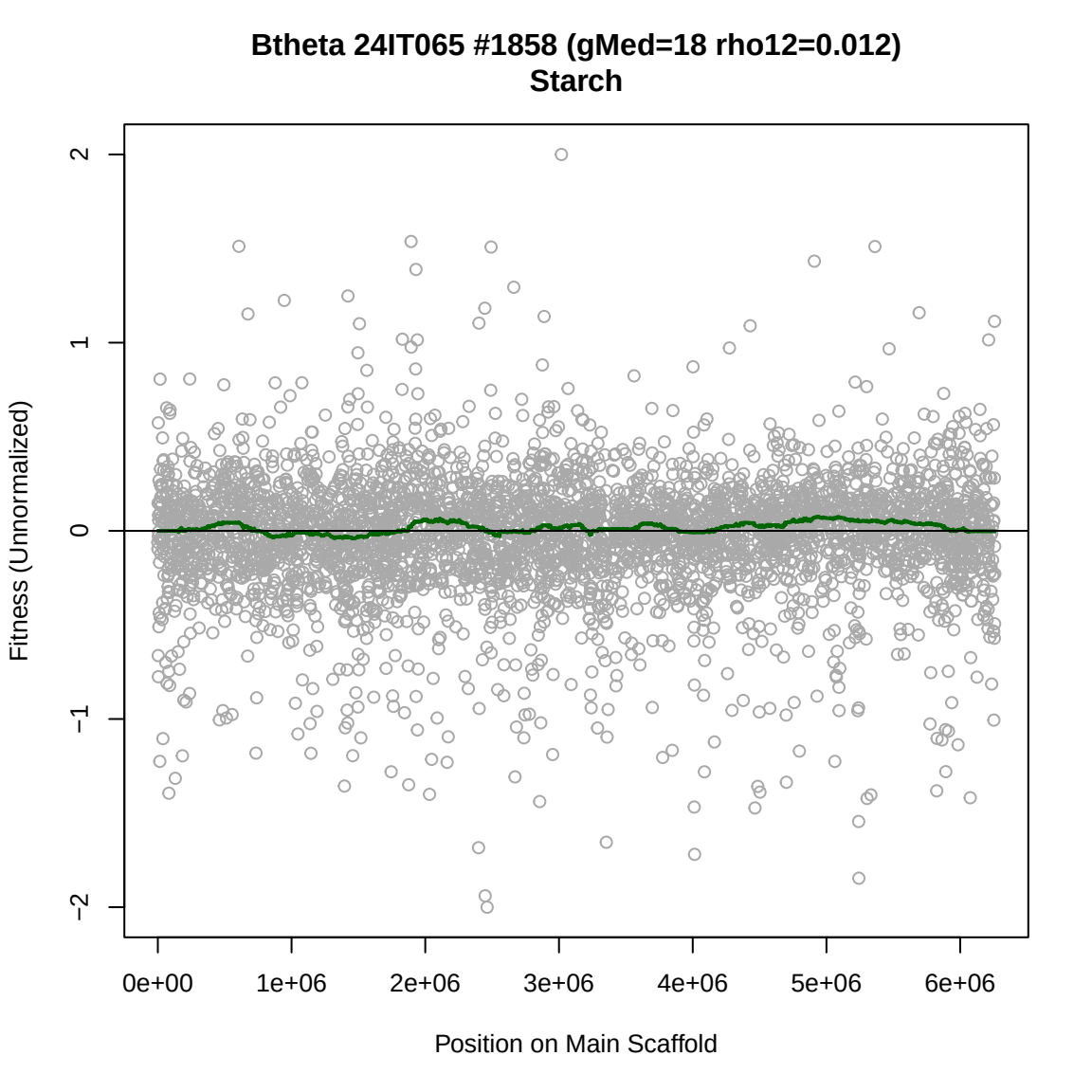

Btheta 24IT060 #1853 (gMed=17 rho12=−0.001)
Pectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

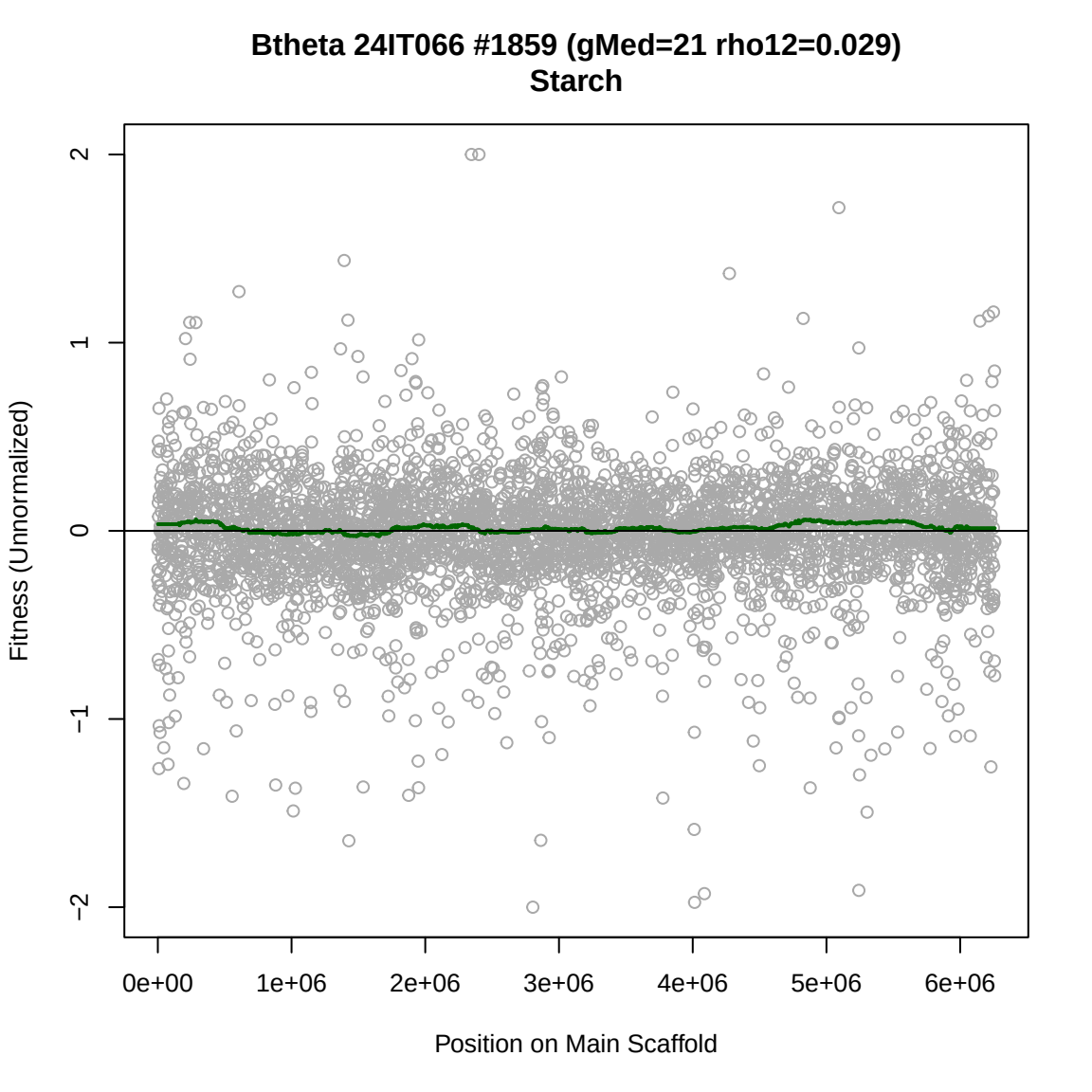

Btheta 24IT061 #1854 (gMed=18 rho12=0.033)
Pectin from apple
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

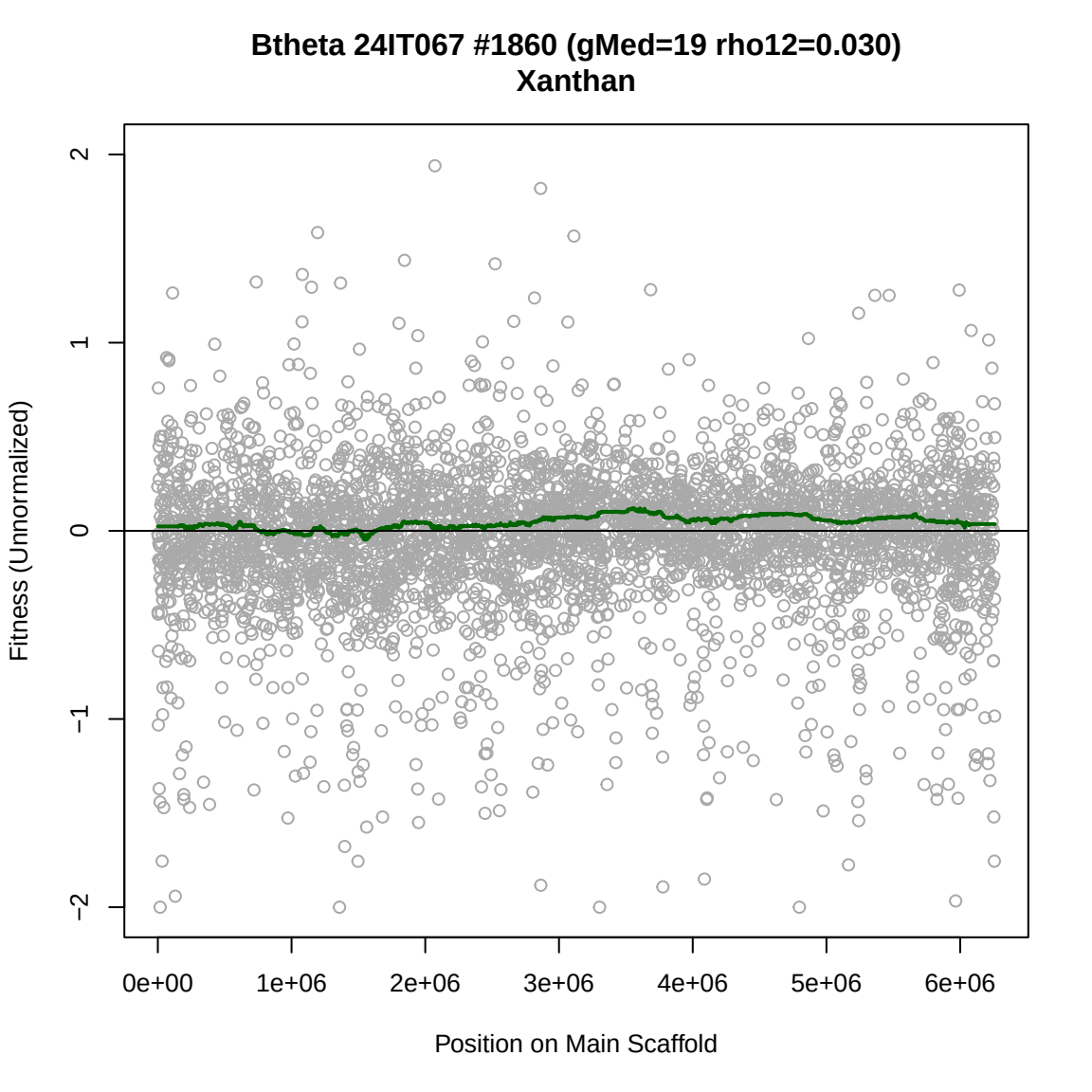

Btheta 24IT062 #1855 (gMed=20 rho12=0.008)
Pectin from apple
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

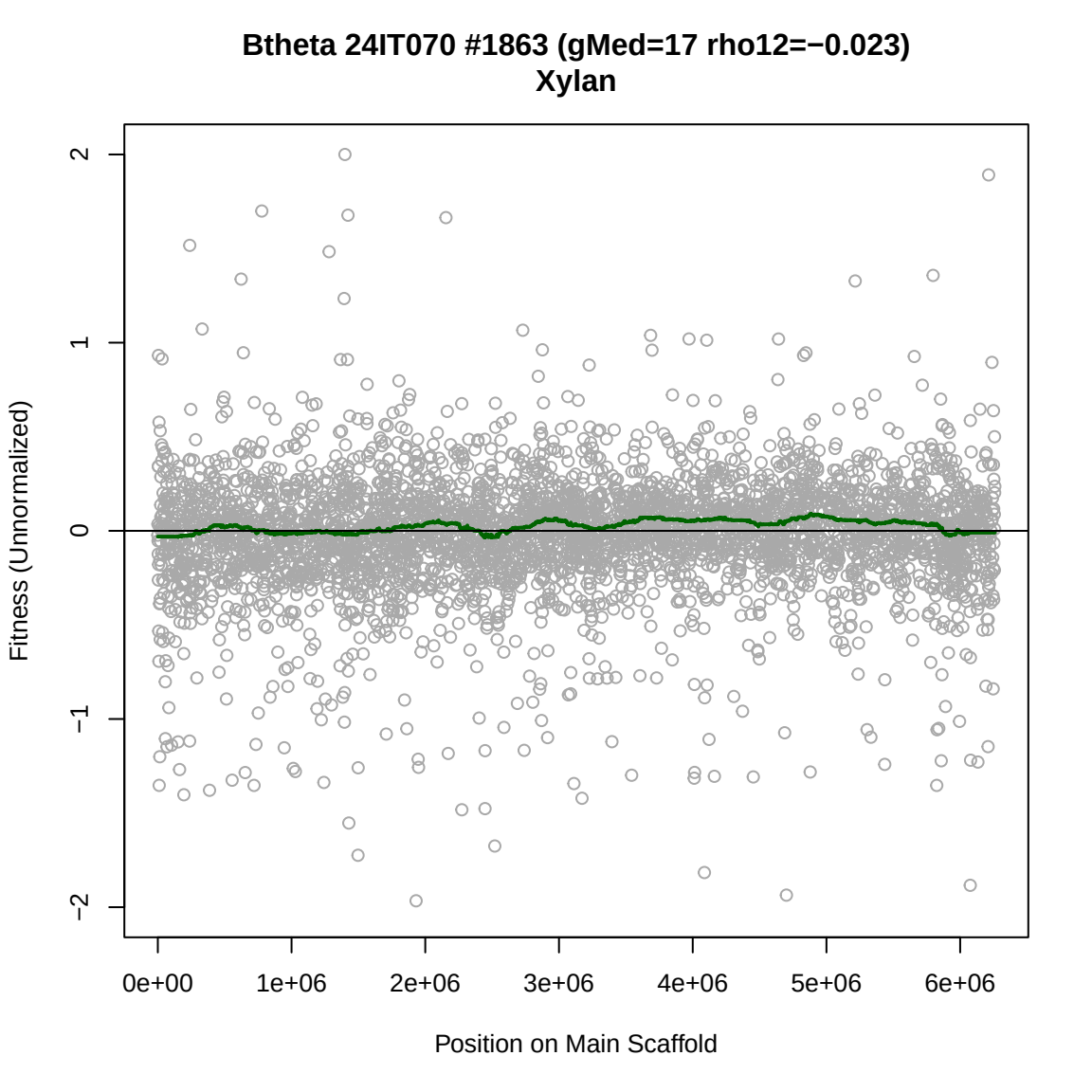

Btheta 24IT063 #1856 (gMed=19 rho12=0.019)
Pectin from apple
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

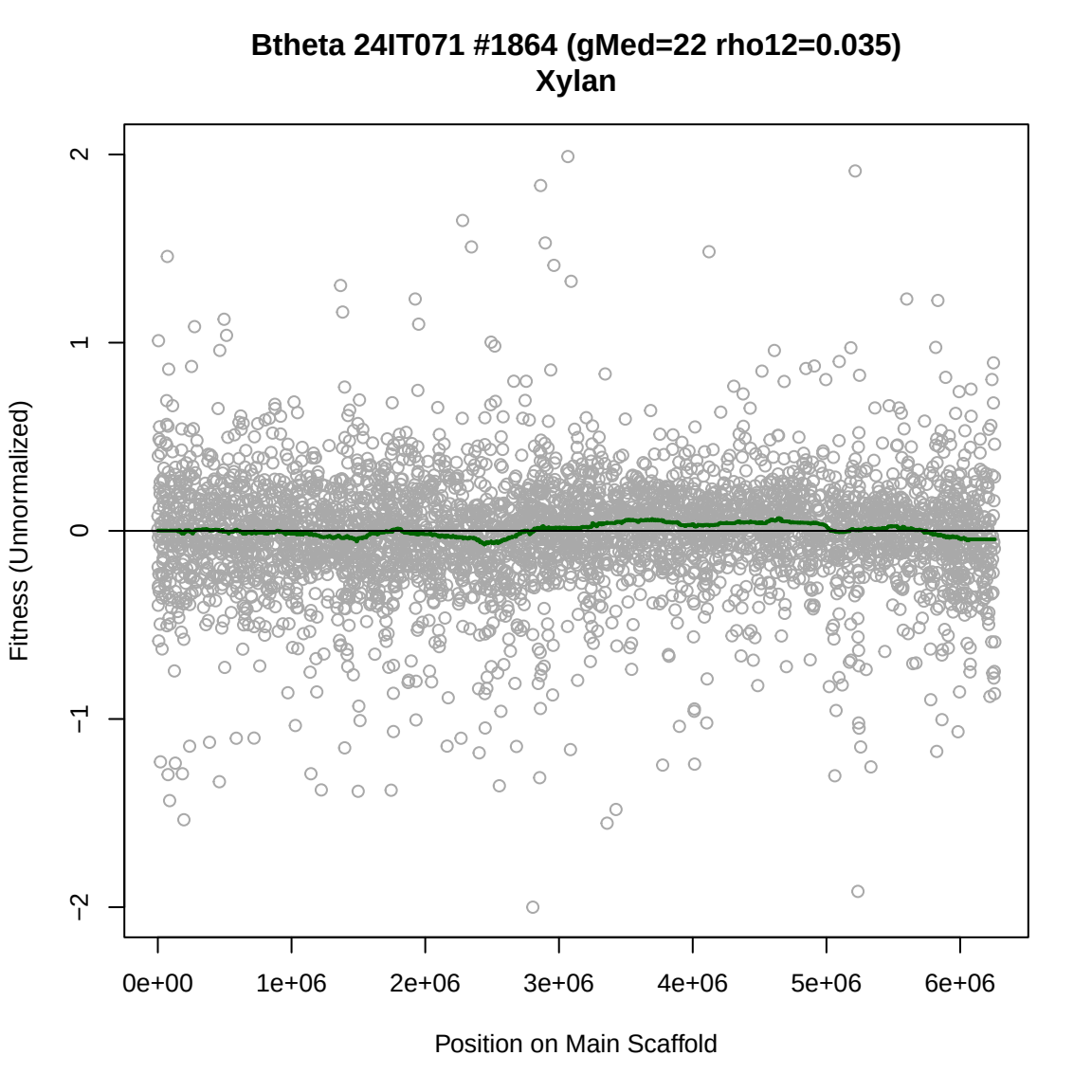

Btheta 24IT064 #1857 (gMed=22 rho12=0.027)
Starch
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

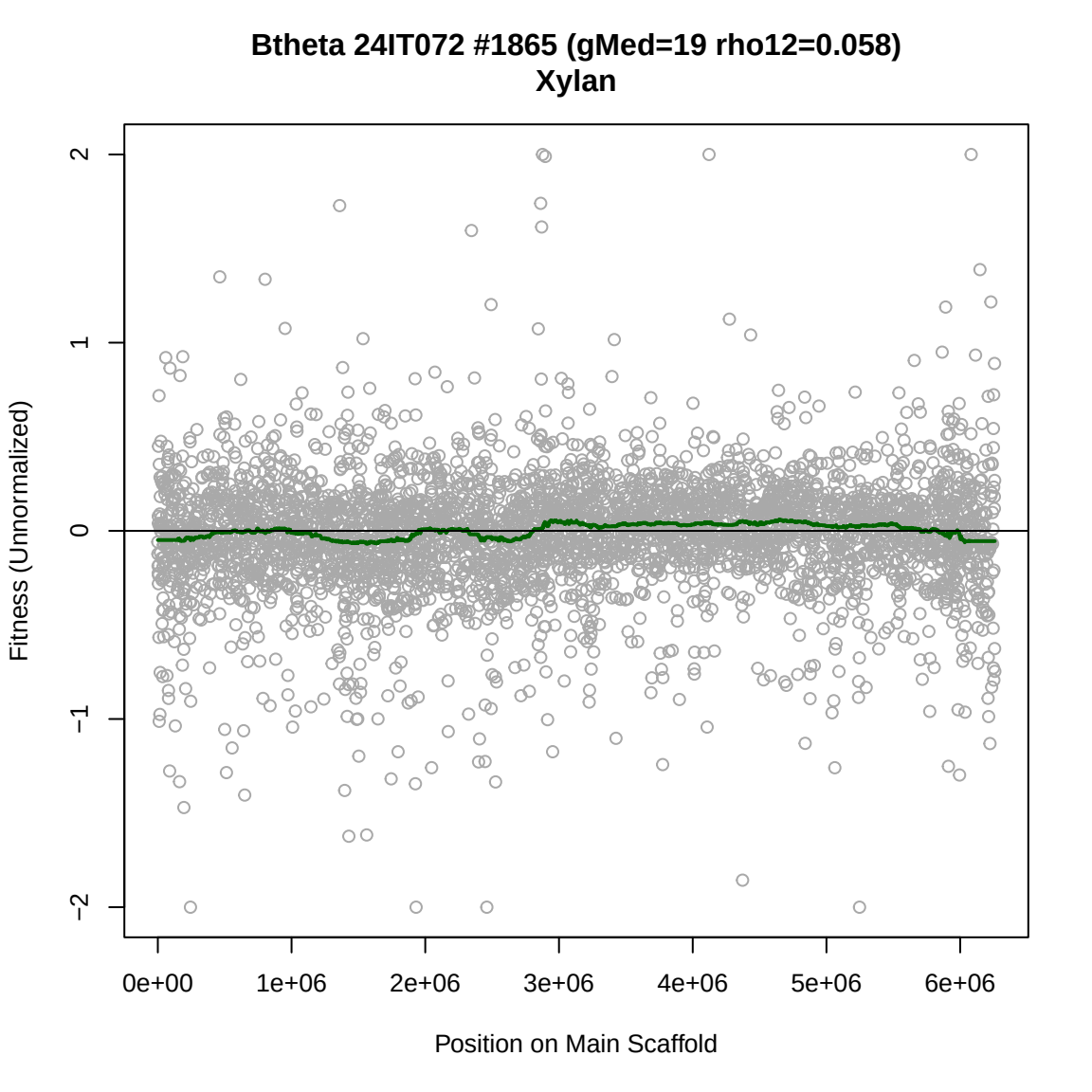

Btheta 24IT065 #1858 (gMed=18 rho12=0.012)
Starch
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

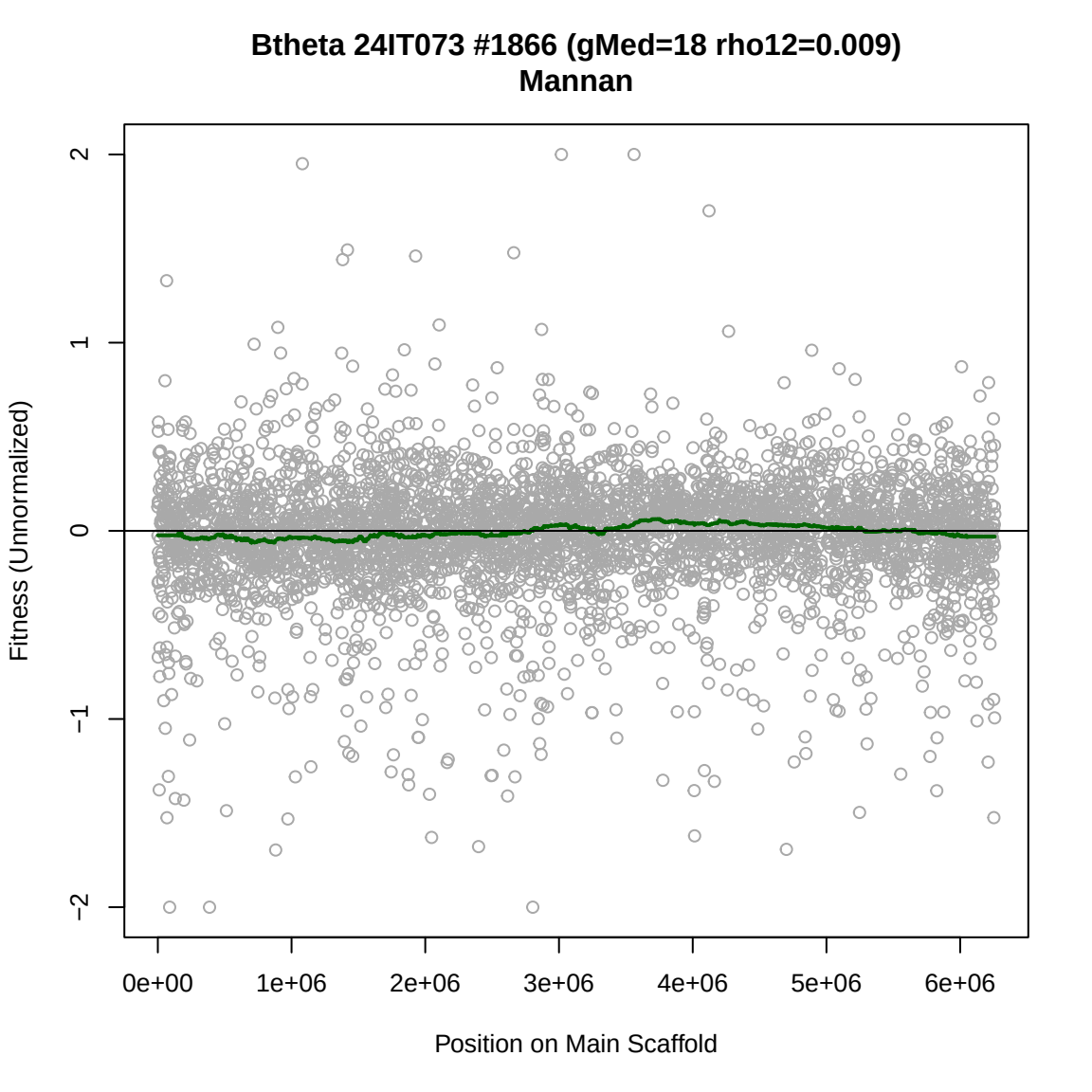

Btheta 24IT066 #1859 (gMed=21 rho12=0.029)
Starch
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

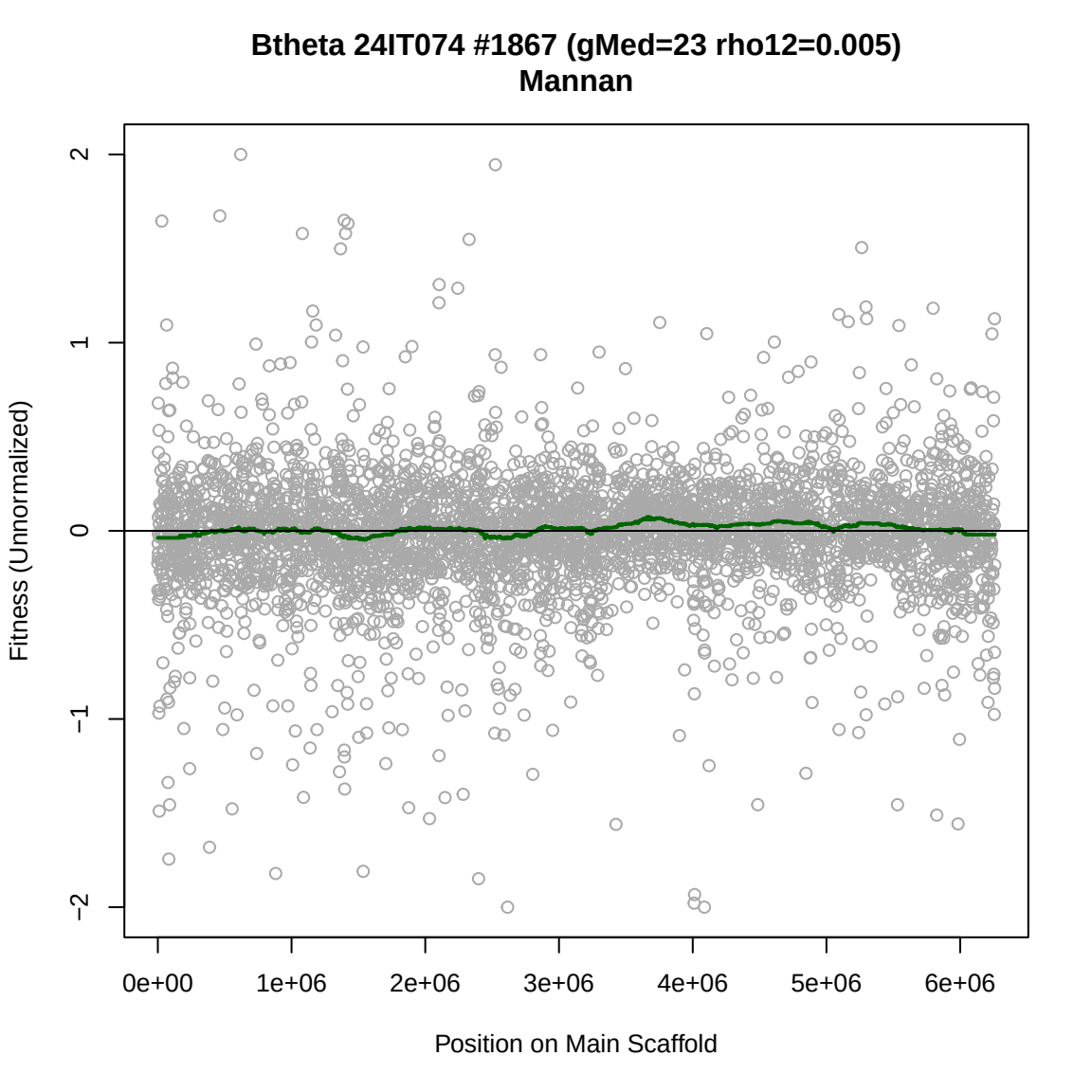

Btheta 24IT067 #1860 (gMed=19 rho12=0.030)
Xanthan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

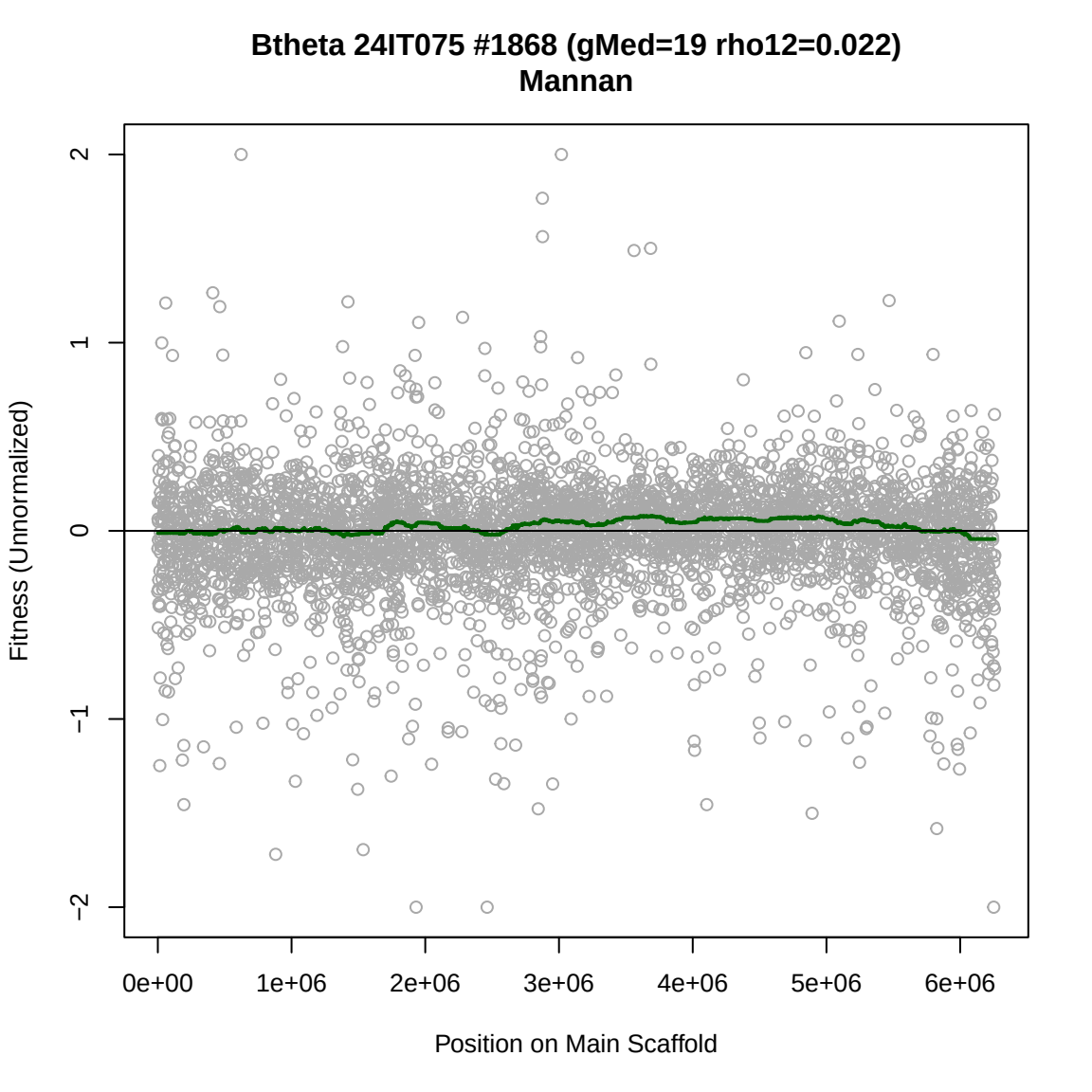

Btheta 24IT070 #1863 (gMed=17 rho12=−0.023)
Xylan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

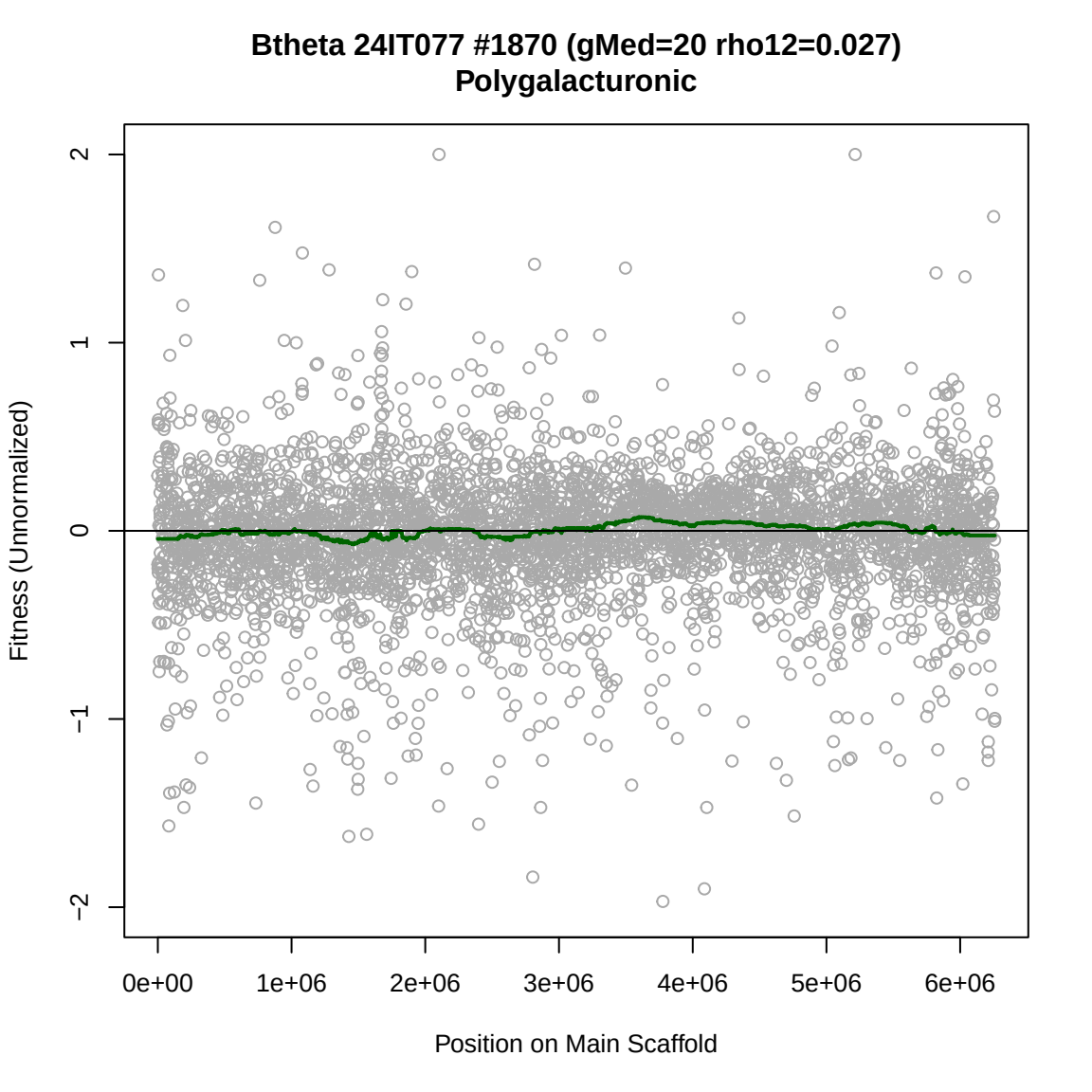

Btheta 24IT071 #1864 (gMed=22 rho12=0.035)
Xylan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

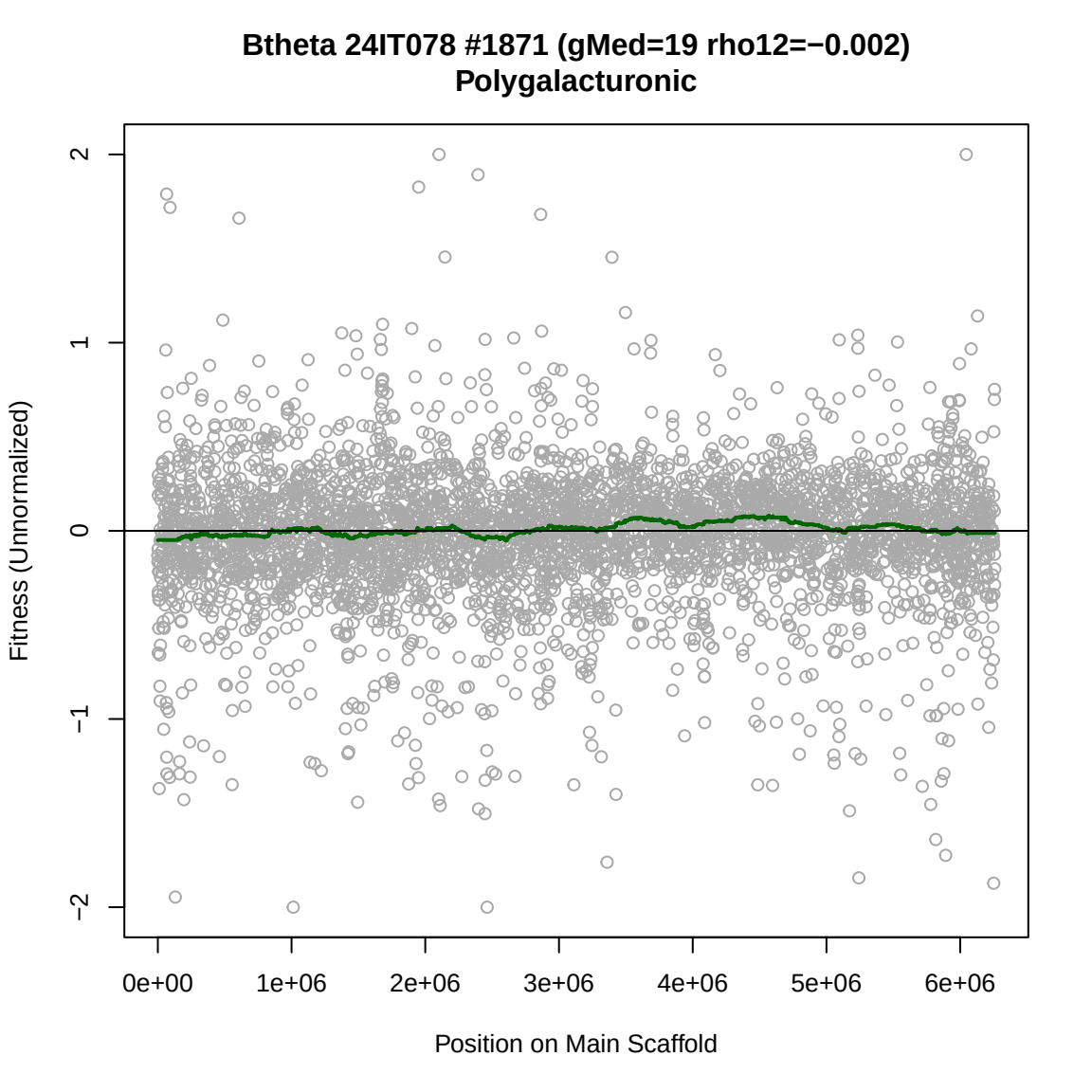

Btheta 24IT072 #1865 (gMed=19 rho12=0.058)
Xylan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

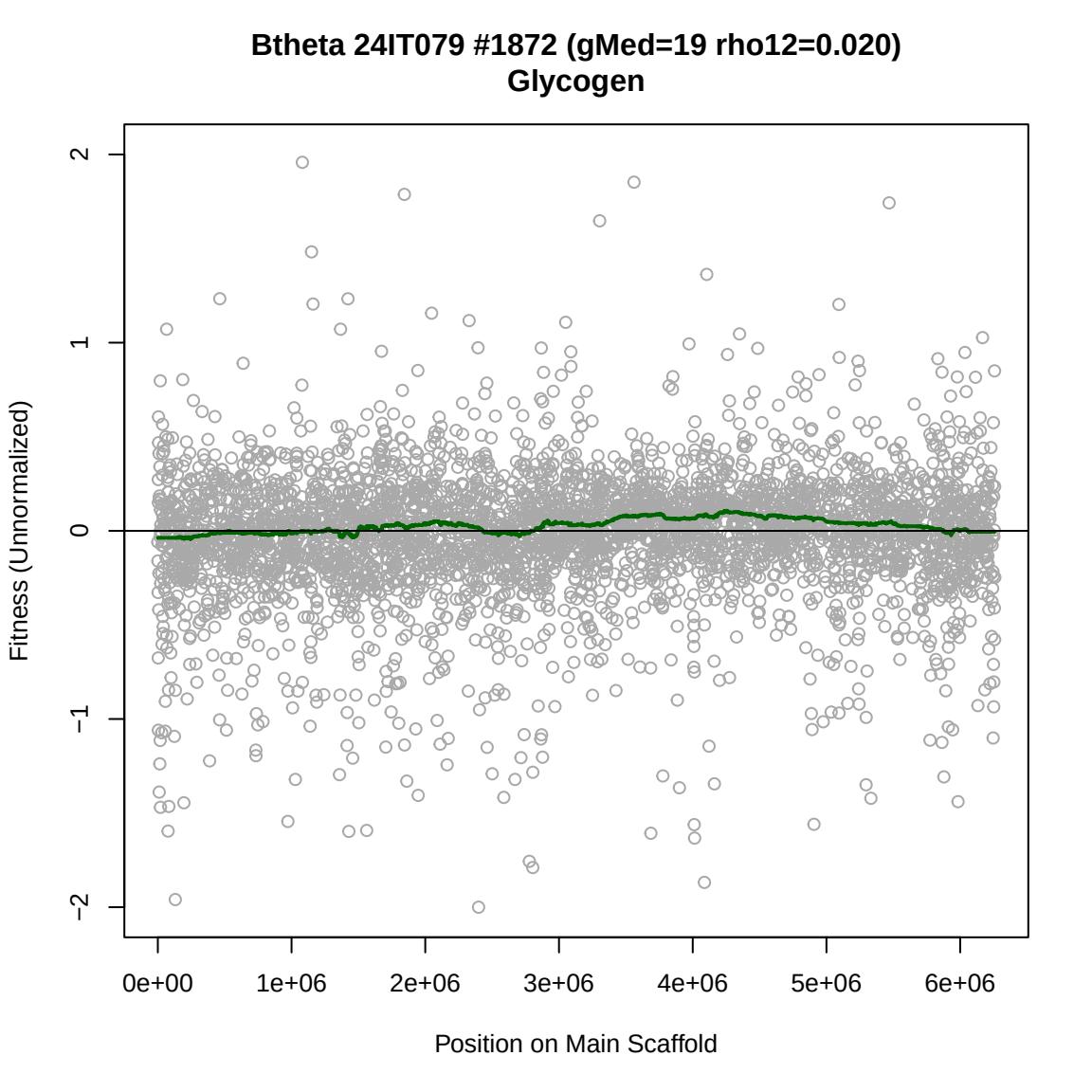

Btheta 24IT073 #1866 (gMed=18 rho12=0.009)
Mannan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

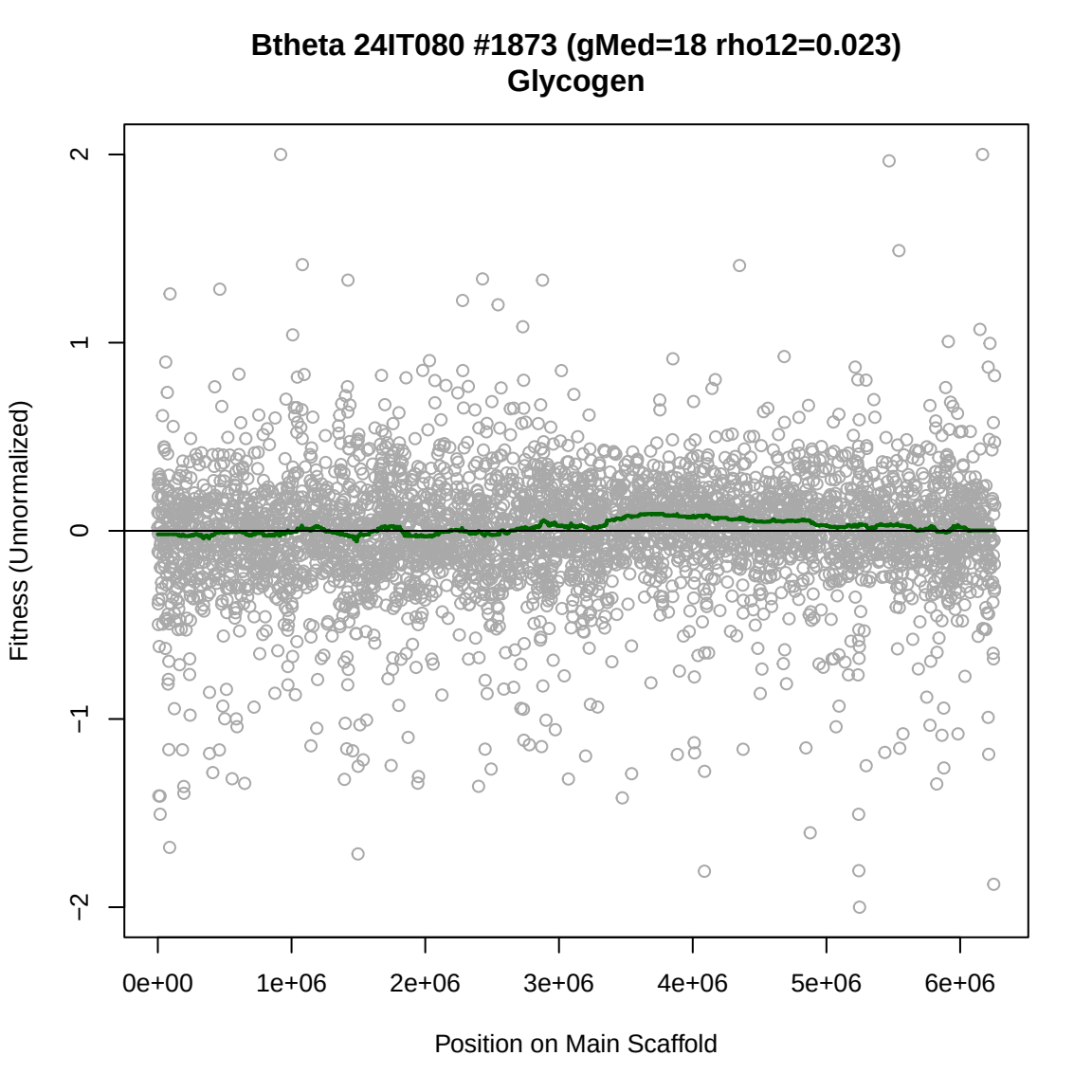

Btheta 24IT074 #1867 (gMed=23 rho12=0.005)
Mannan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

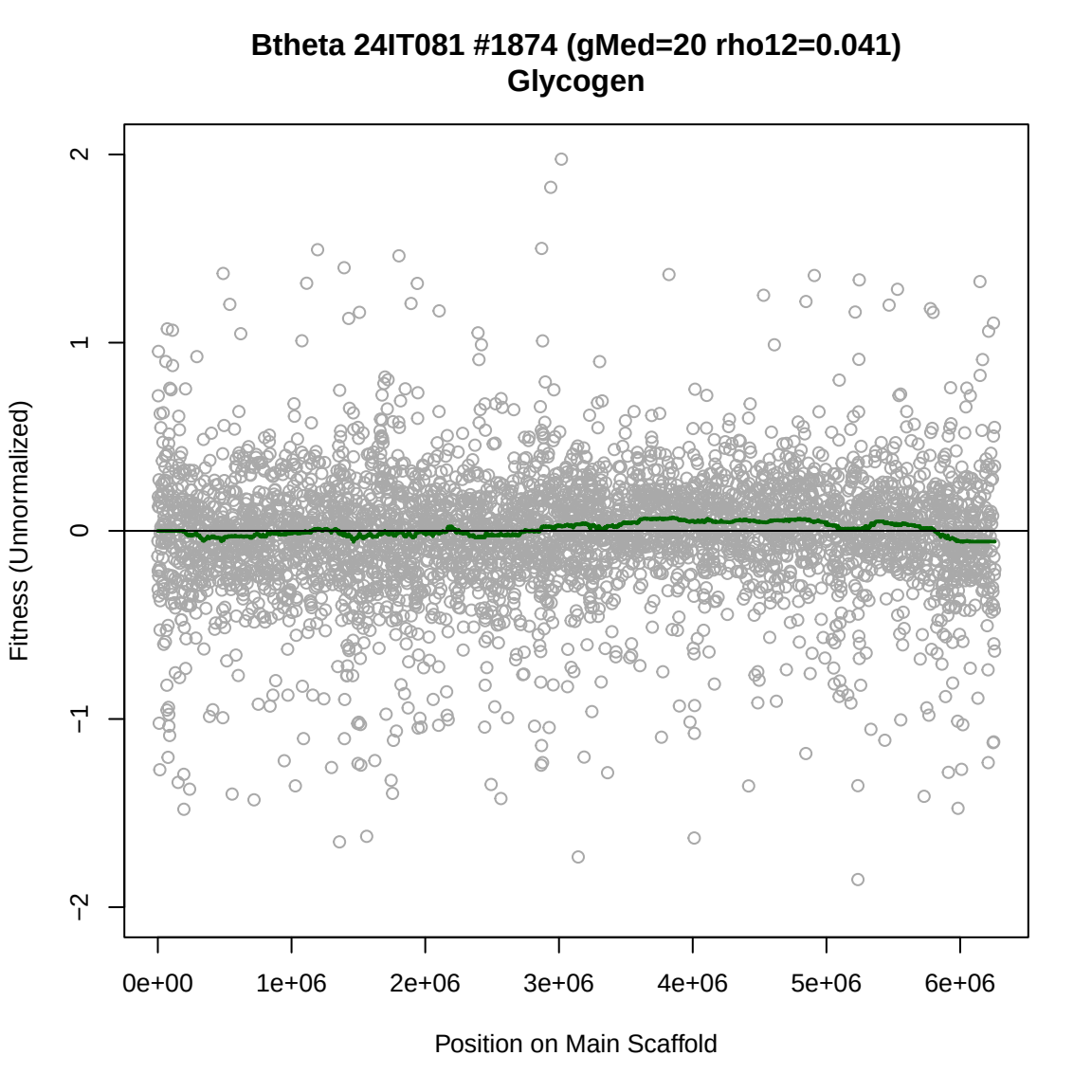

Btheta 24IT075 #1868 (gMed=19 rho12=0.022)
Mannan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

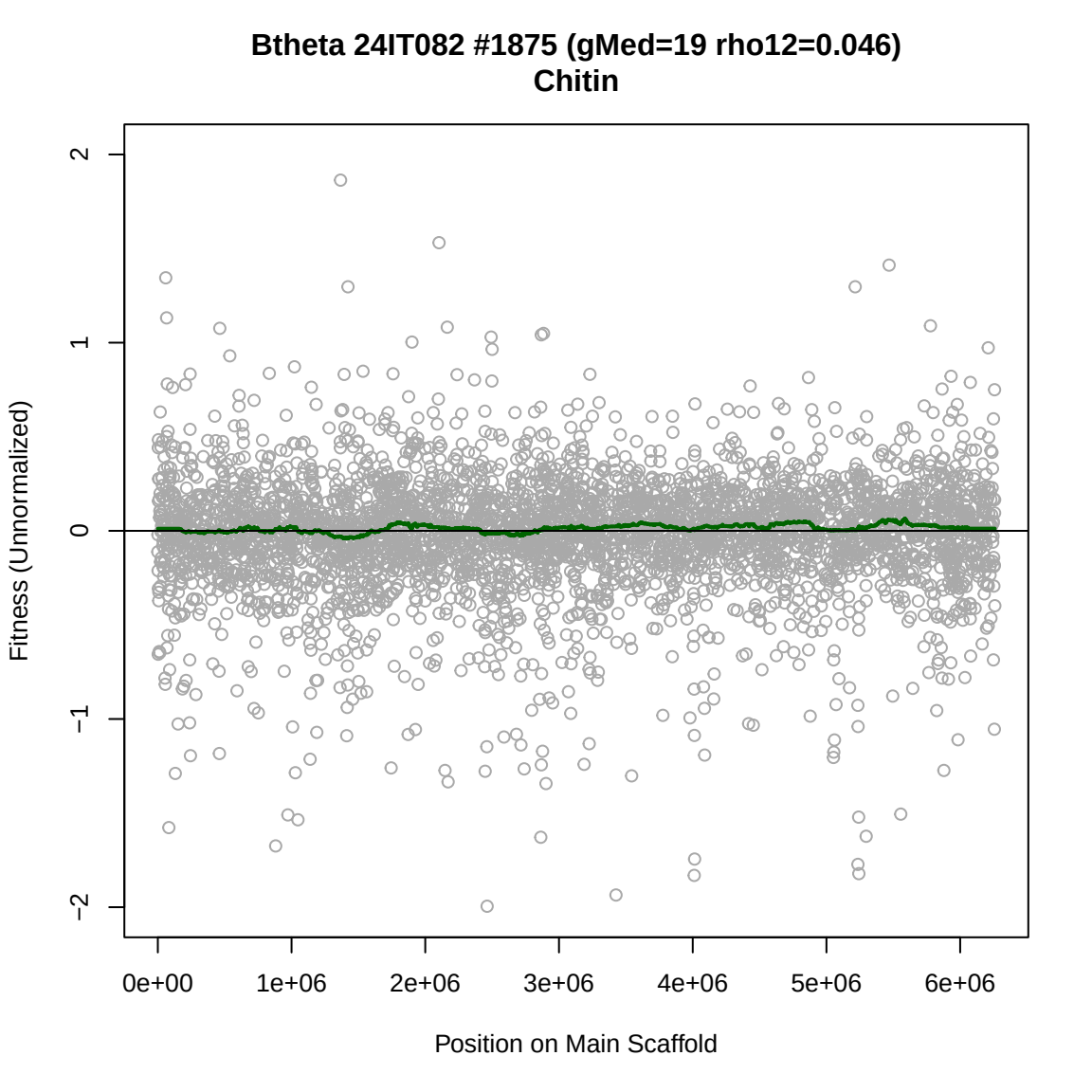

Btheta 24IT077 #1870 (gMed=20 rho12=0.027)
Polygalacturonic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

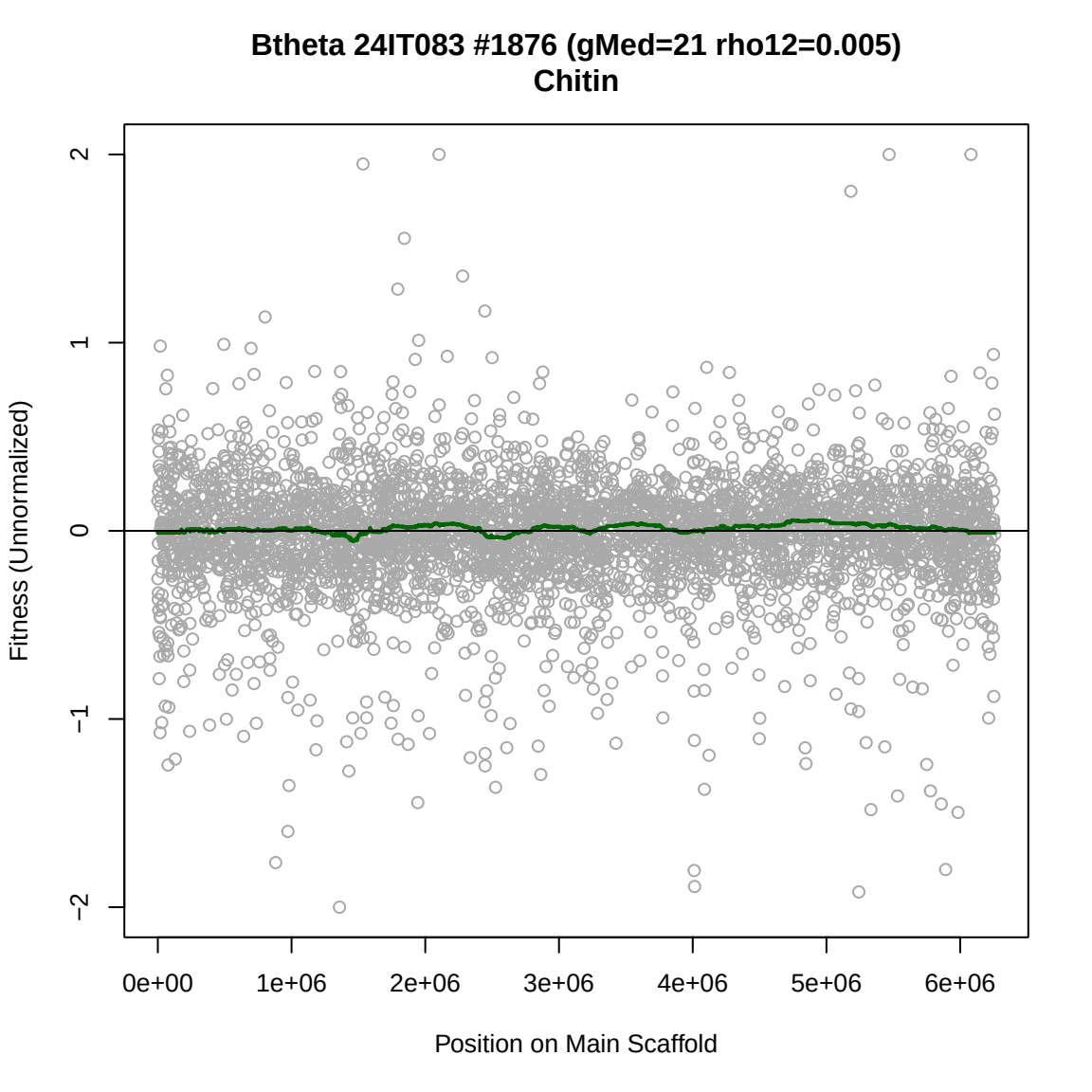

Btheta 24IT078 #1871 (gMed=19 rho12=−0.002)
Polygalacturonic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

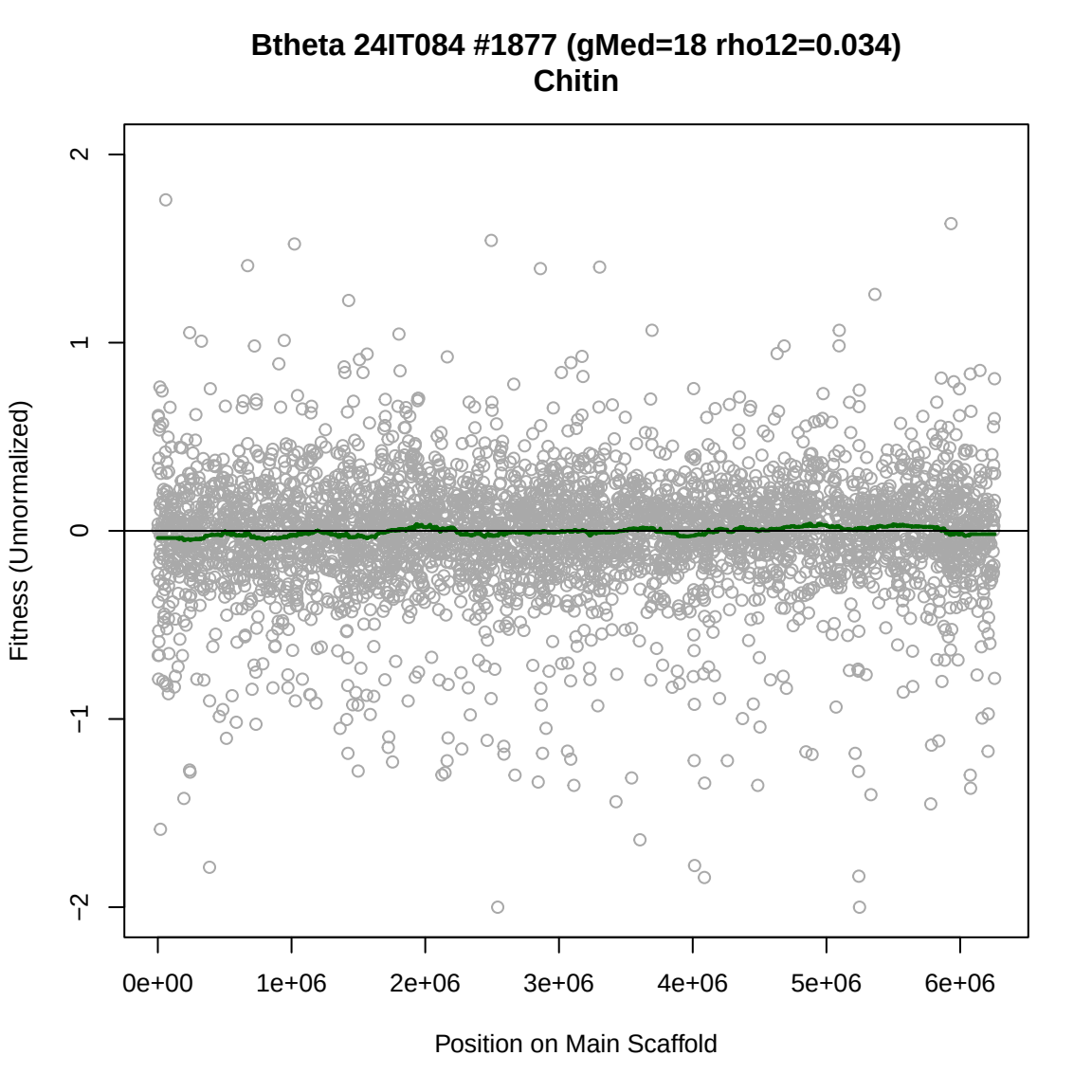

Btheta 24IT079 #1872 (gMed=19 rho12=0.020)
Glycogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

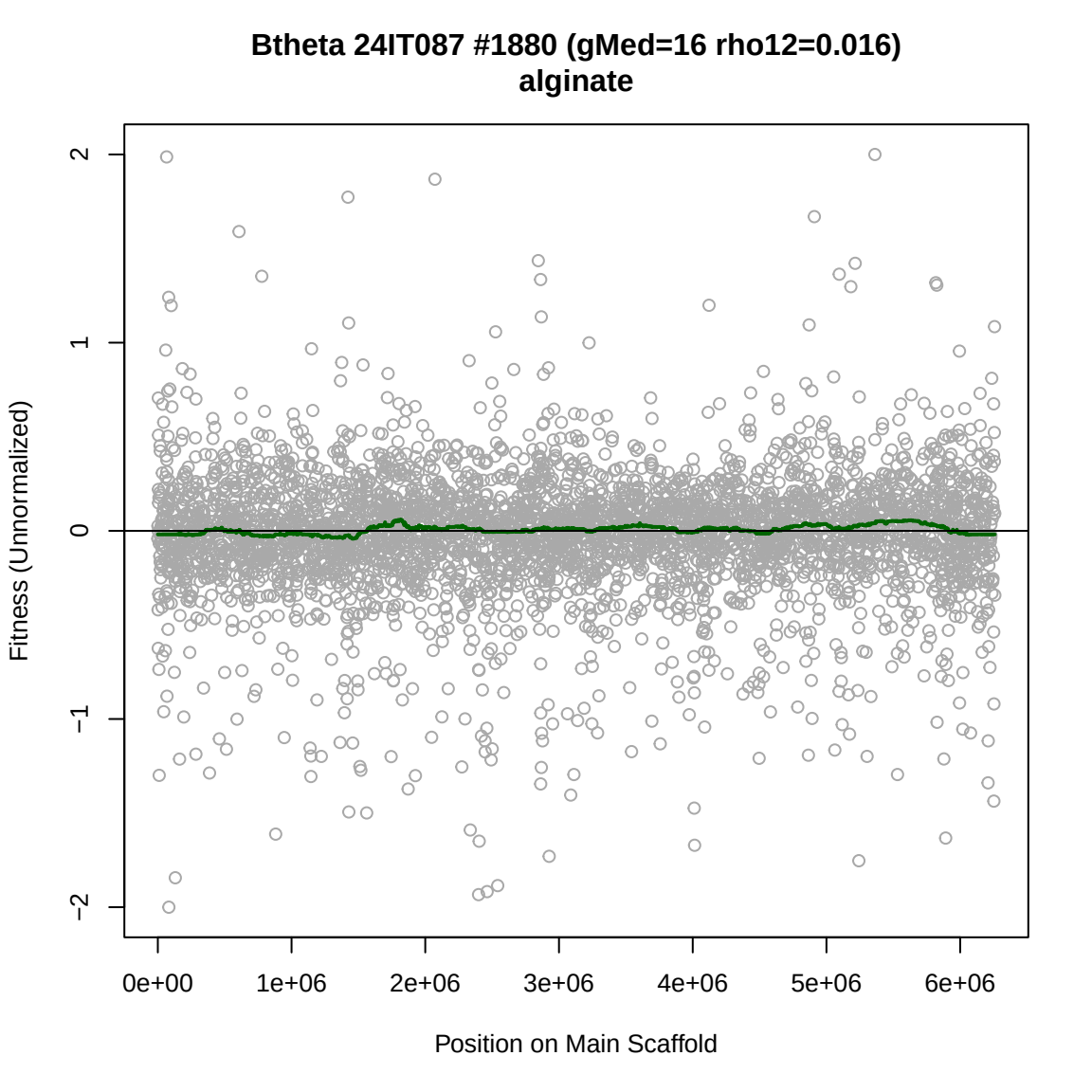

Btheta 24IT080 #1873 (gMed=18 rho12=0.023)
Glycogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

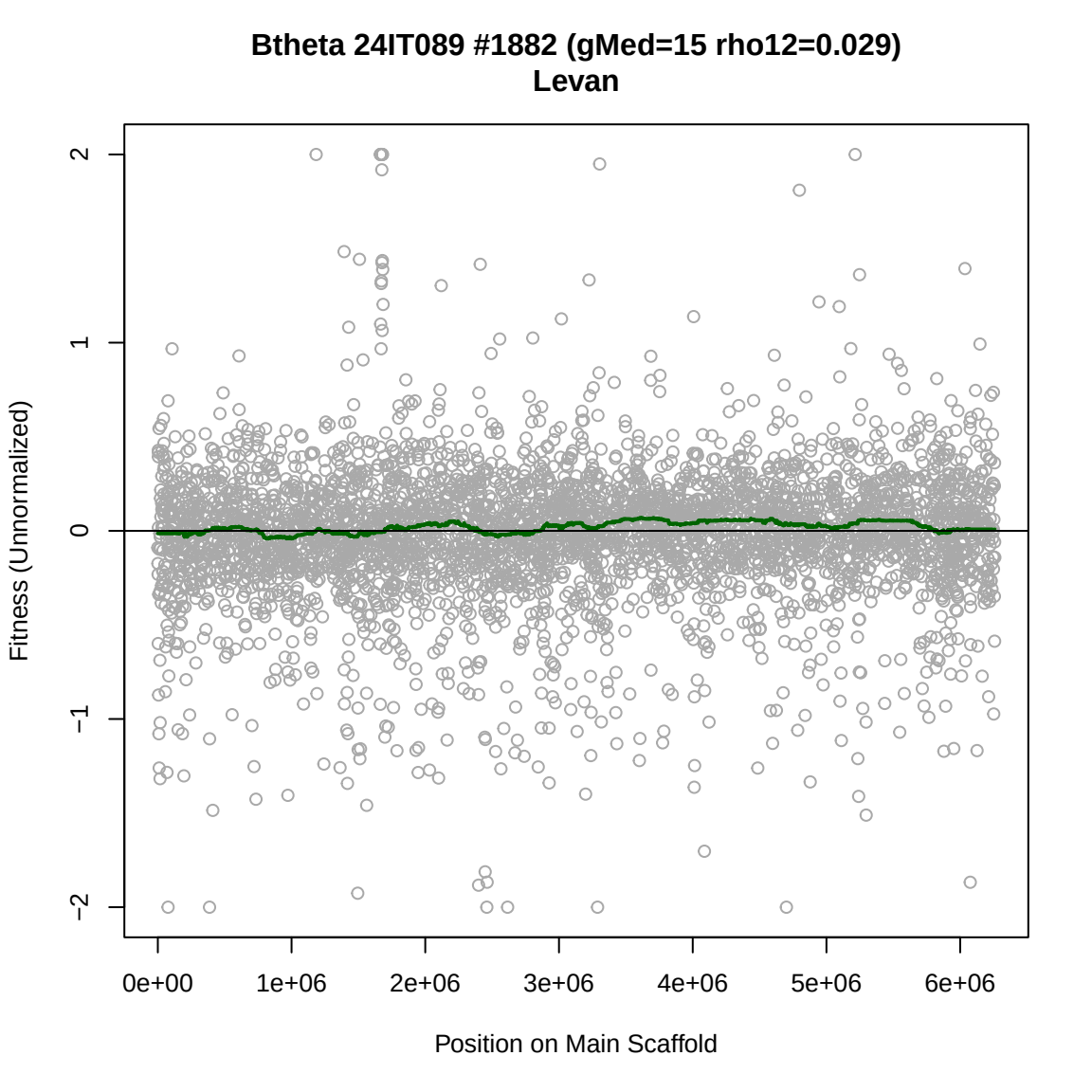

Btheta 24IT081 #1874 (gMed=20 rho12=0.041)
Glycogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

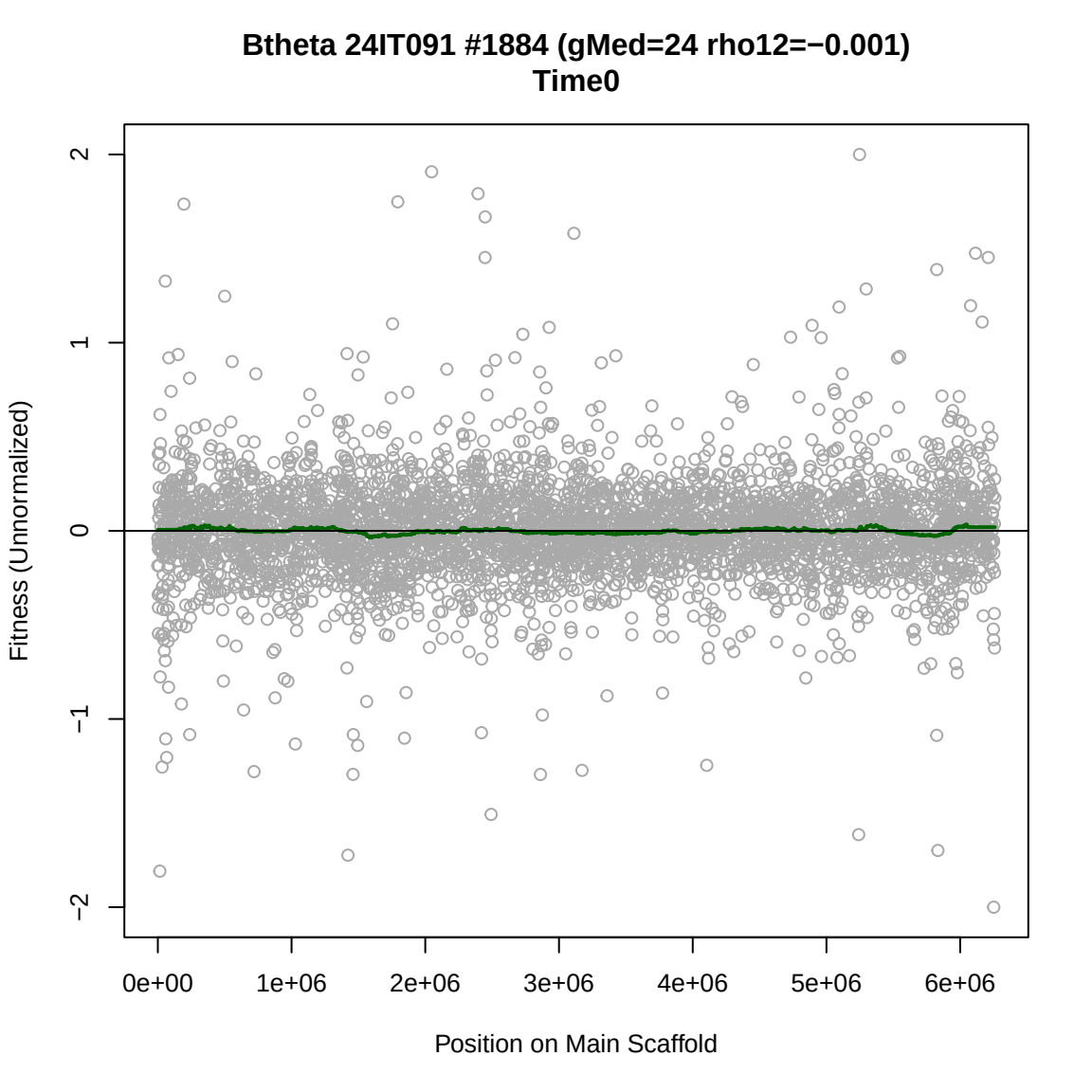

Btheta 24IT082 #1875 (gMed=19 rho12=0.046)
Chitin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

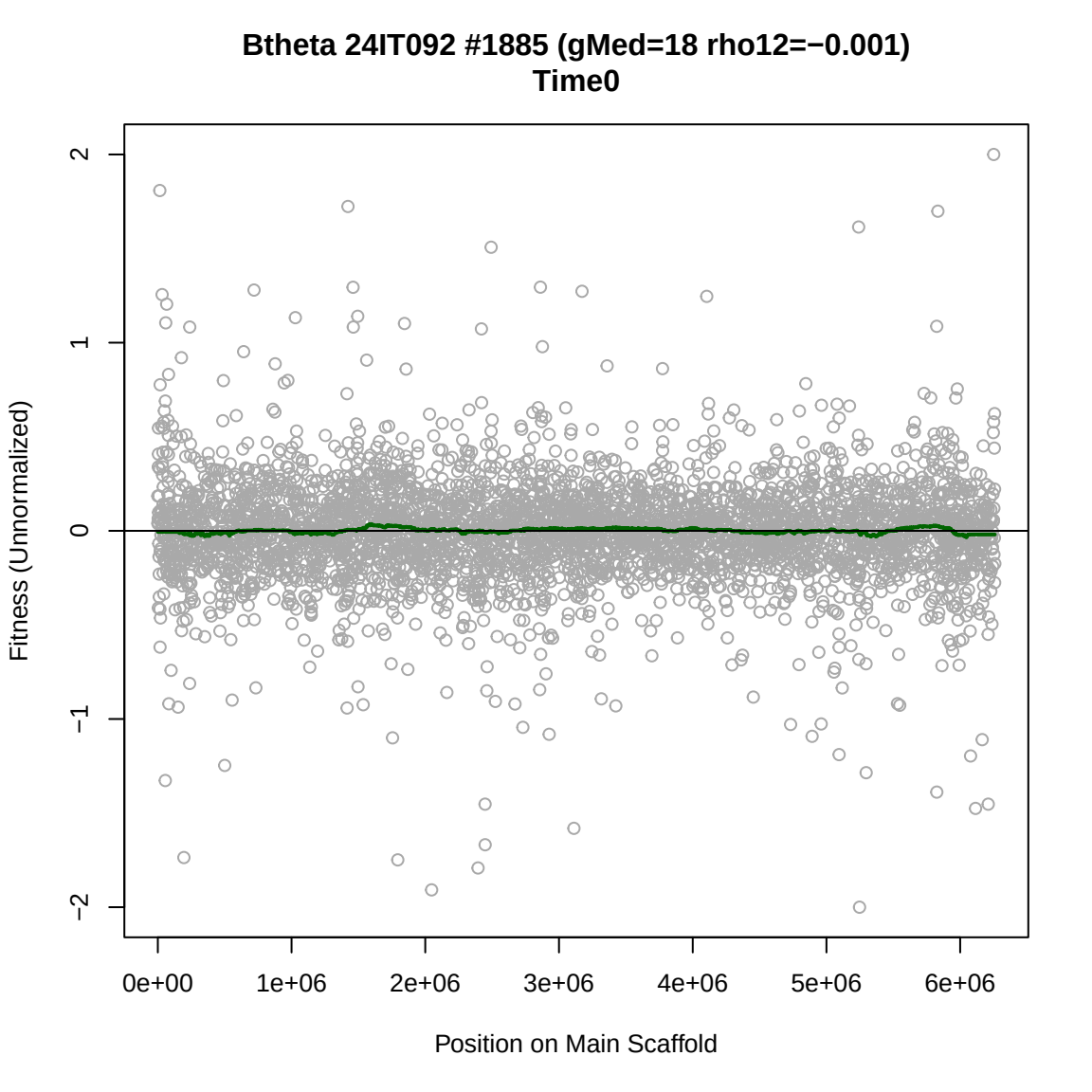

Btheta 24IT083 #1876 (gMed=21 rho12=0.005)
Chitin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

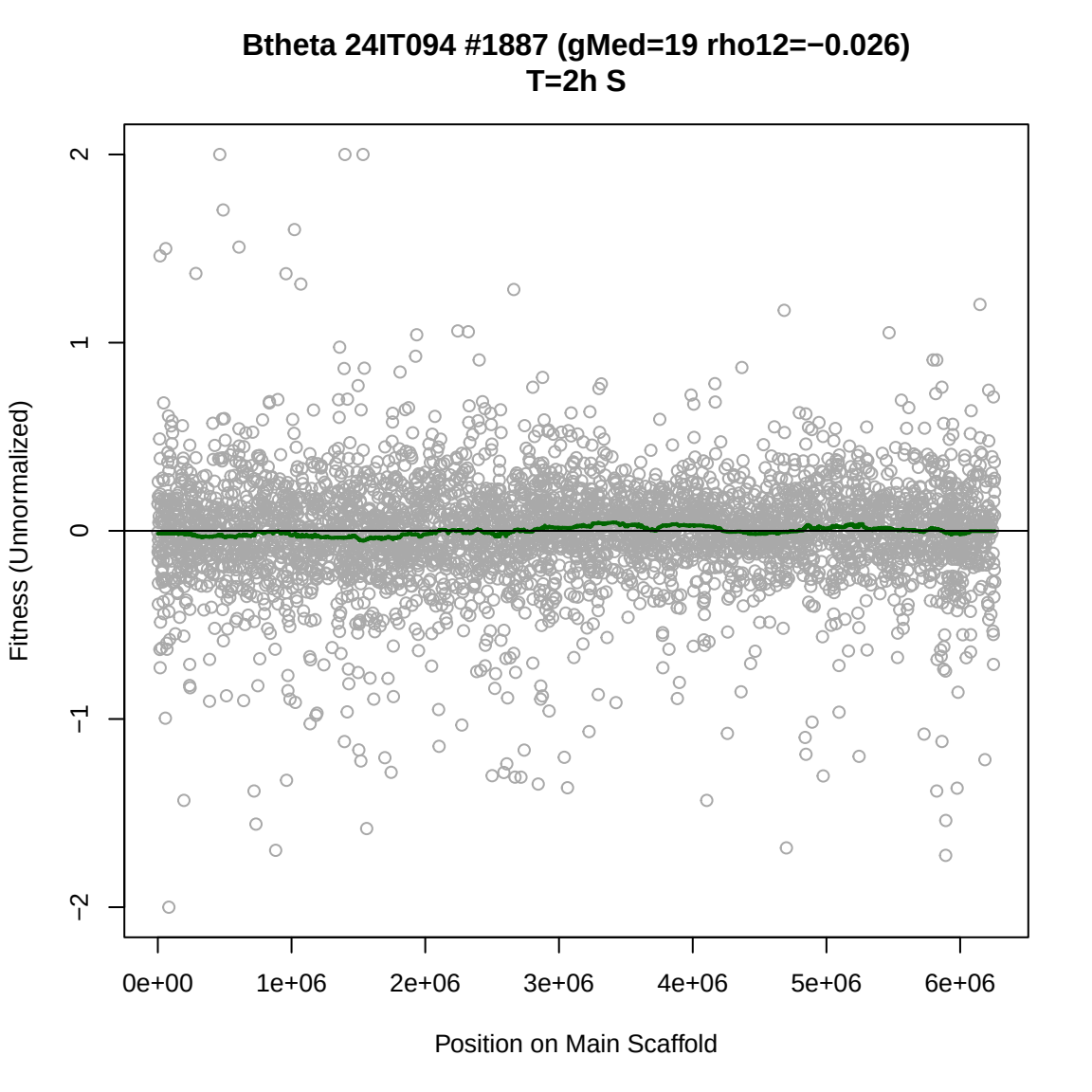

Btheta 24IT084 #1877 (gMed=18 rho12=0.034)
Chitin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

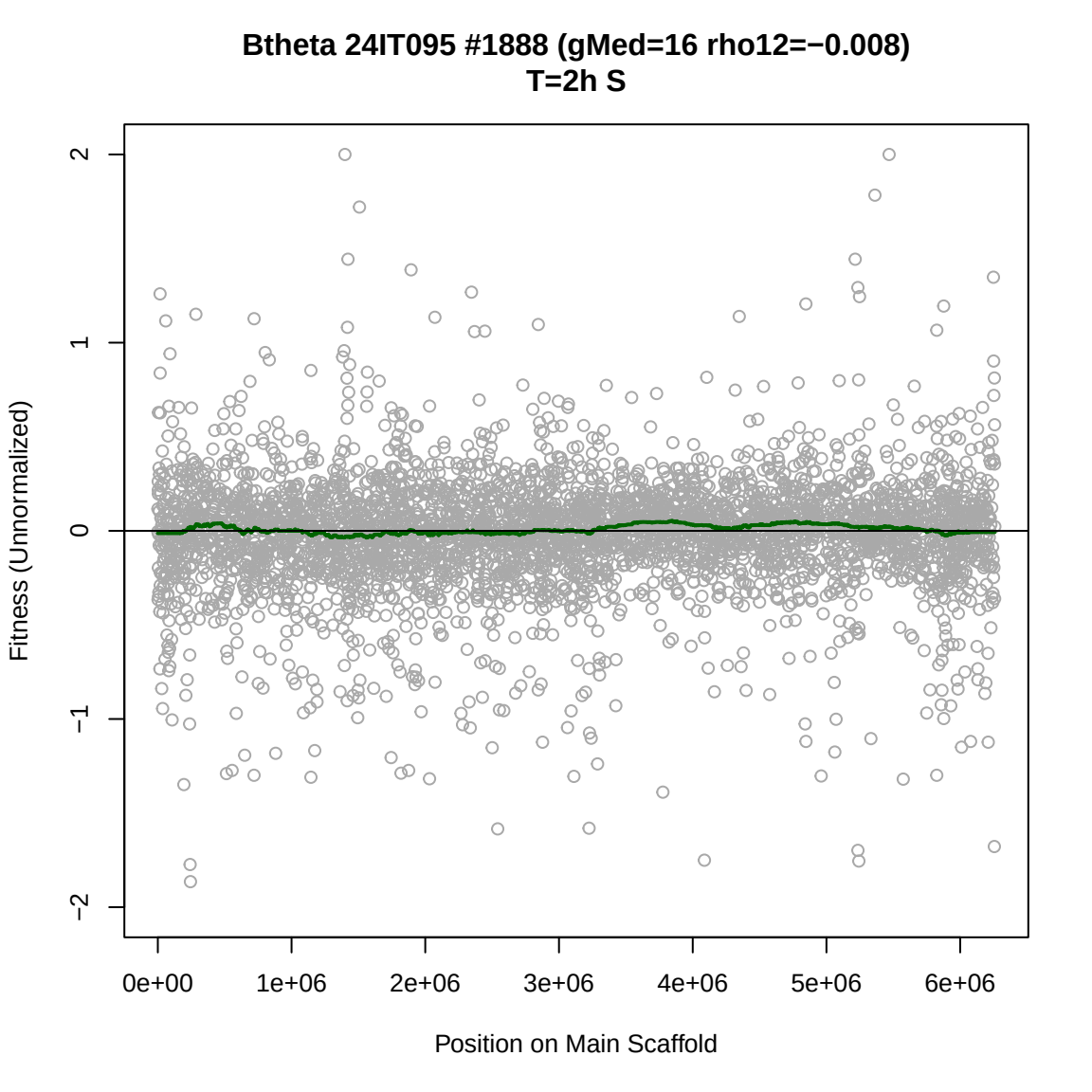

Btheta 24IT087 #1880 (gMed=16 rho12=0.016)
alginate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

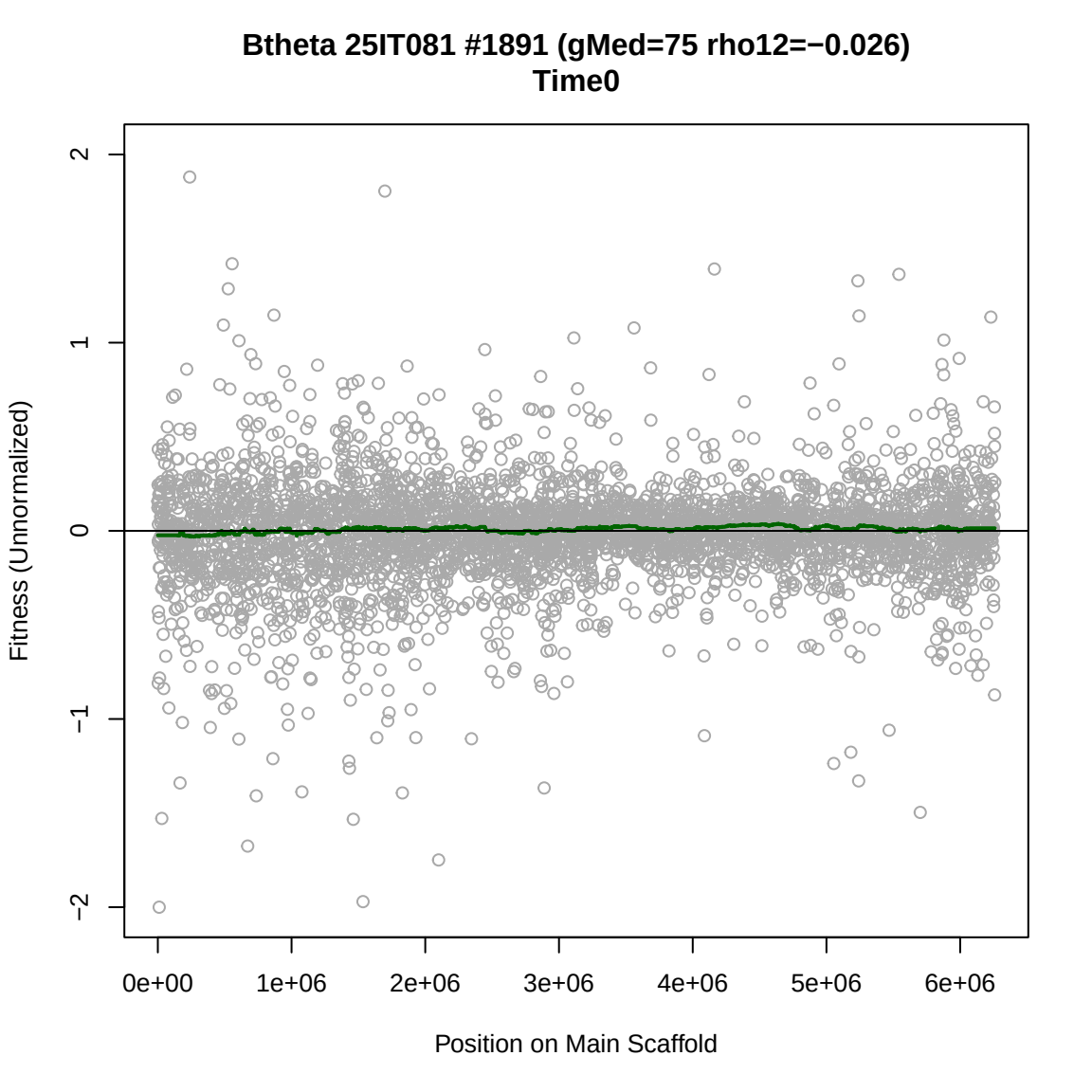

Btheta 24IT089 #1882 (gMed=15 rho12=0.029)
Levan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

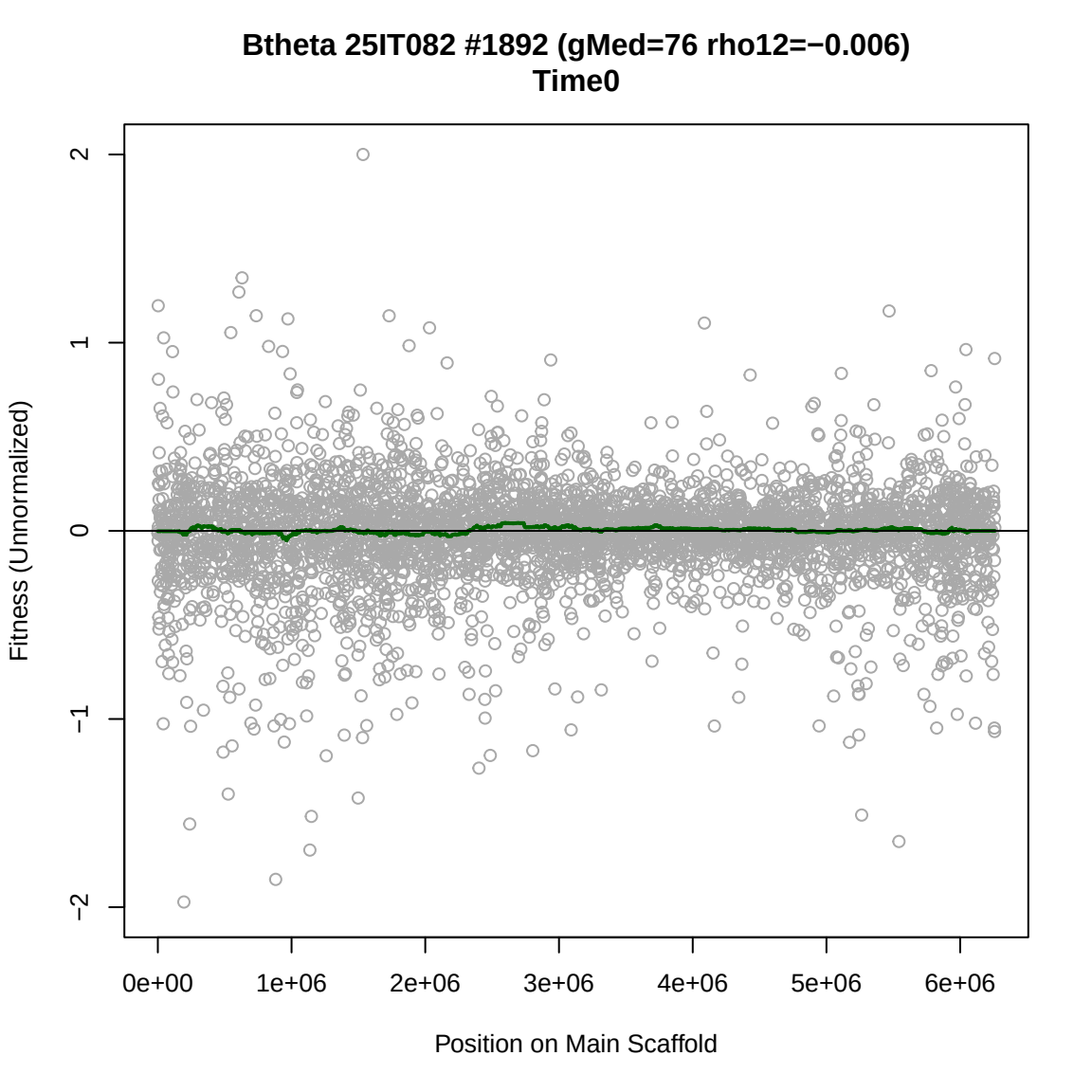

Btheta 24IT091 #1884 (gMed=24 rho12=−0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

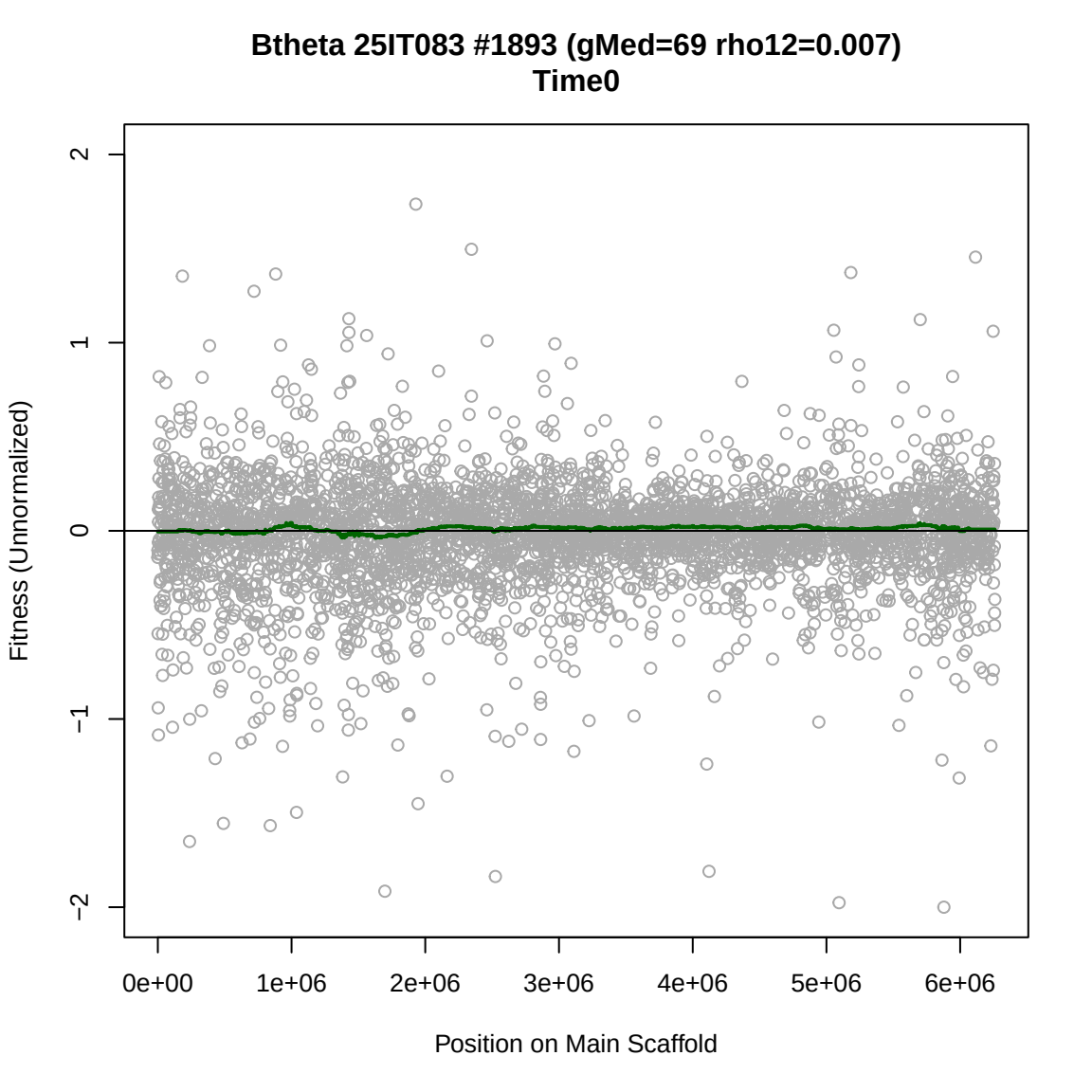

Btheta 24IT092 #1885 (gMed=18 rho12=−0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

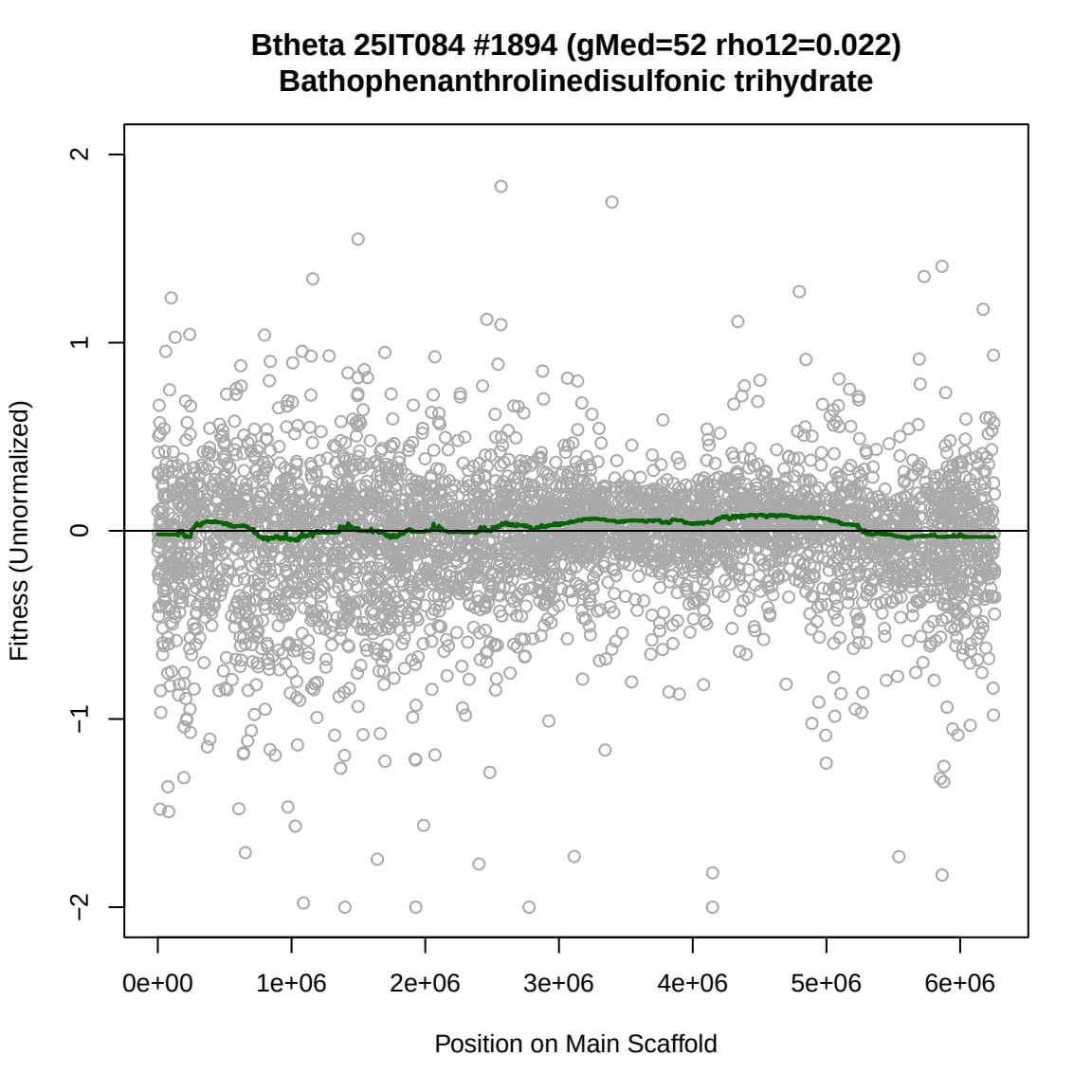

Btheta 24IT094 #1887 (gMed=19 rho12=−0.026)
T=2h S
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

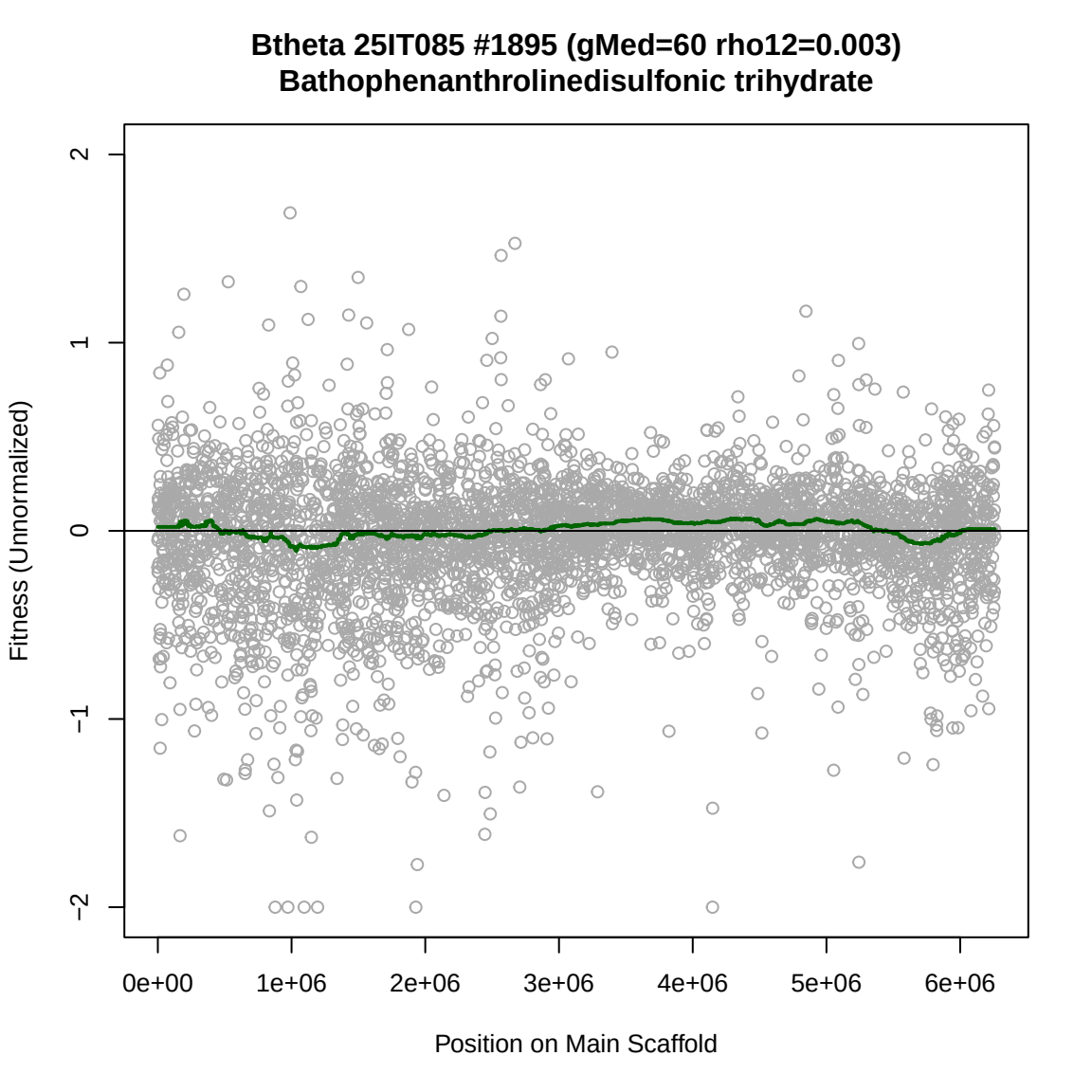

Btheta 24IT095 #1888 (gMed=16 rho12=−0.008)
T=2h S
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

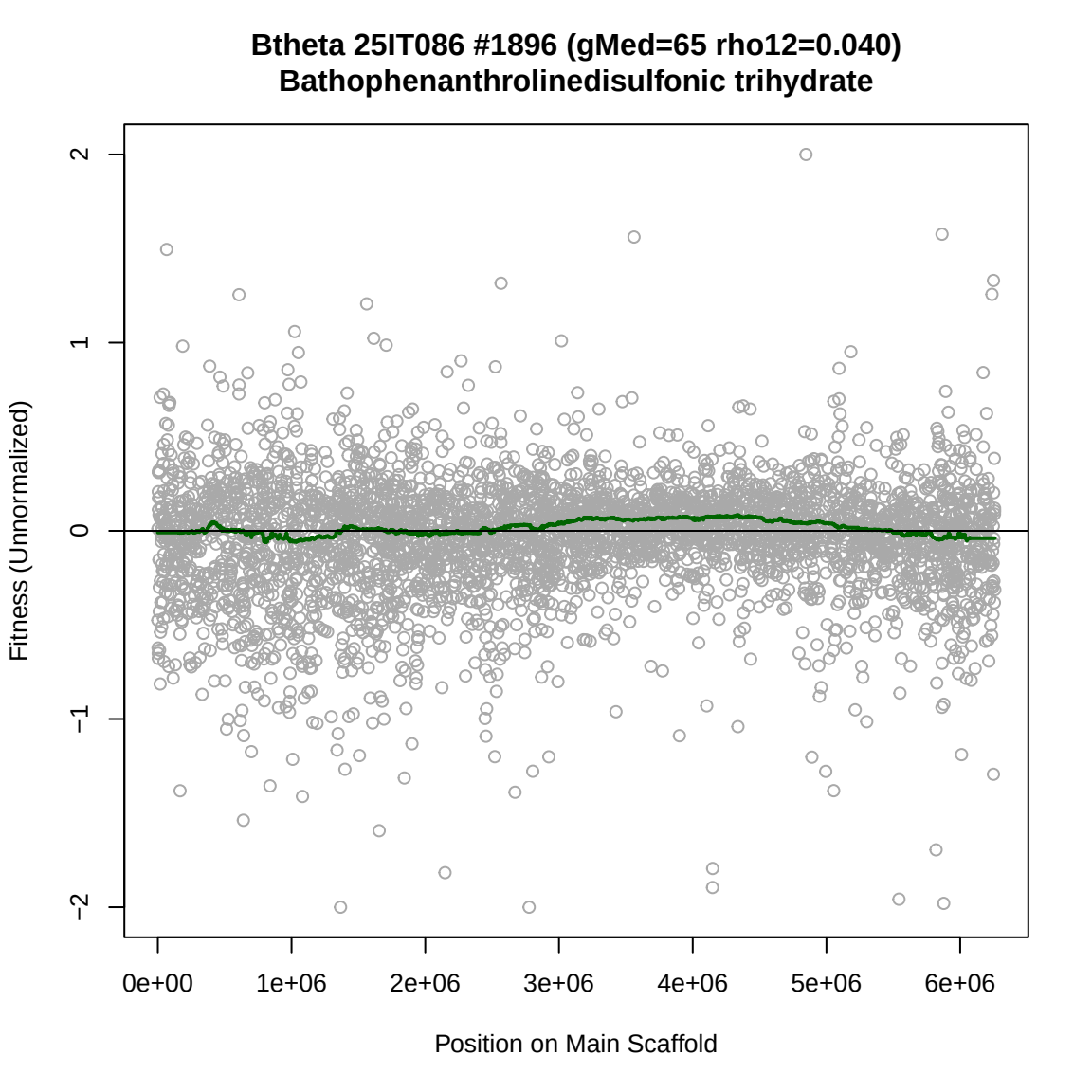

Btheta 25IT081 #1891 (gMed=75 rho12=−0.026)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

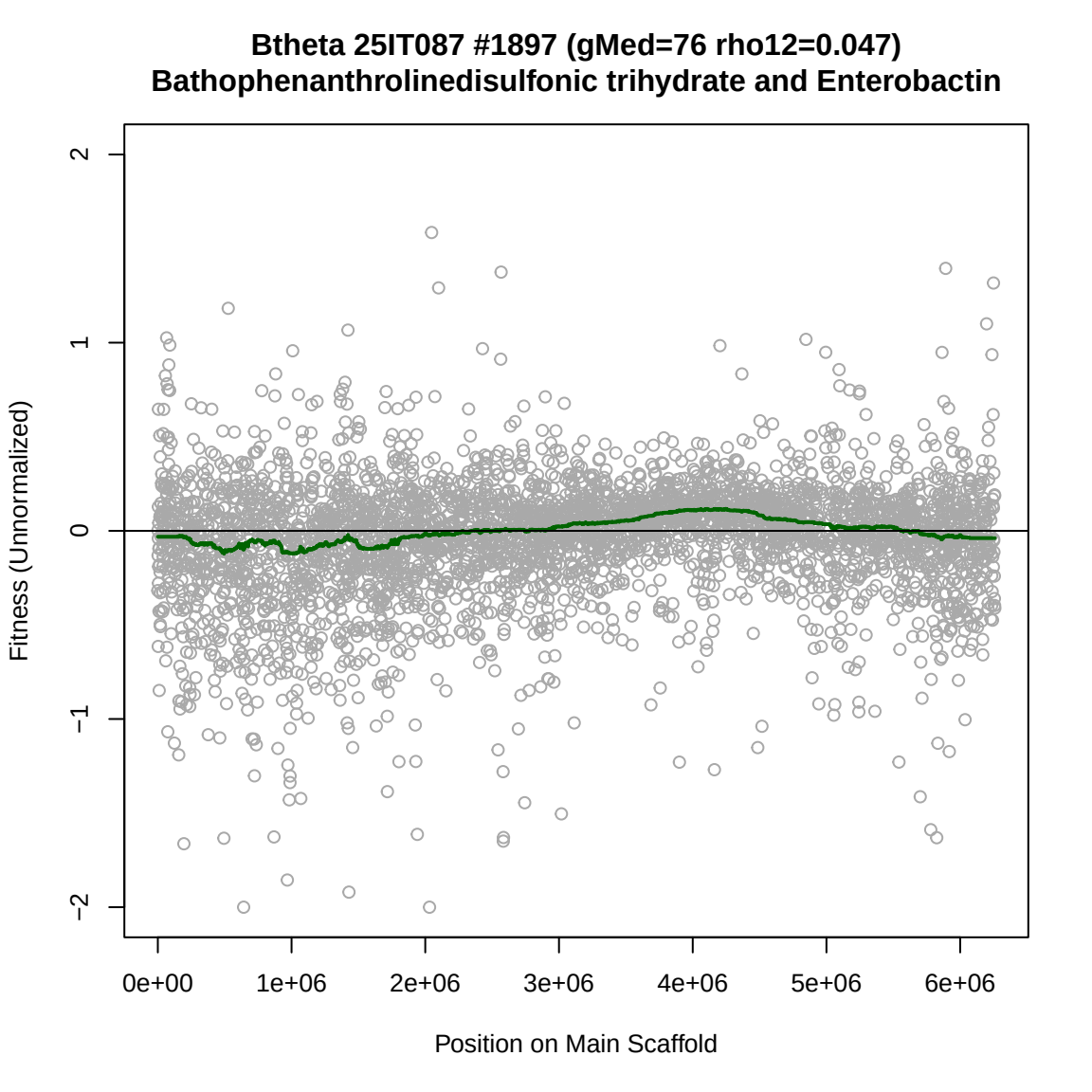

Btheta 25IT082 #1892 (gMed=76 rho12=−0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

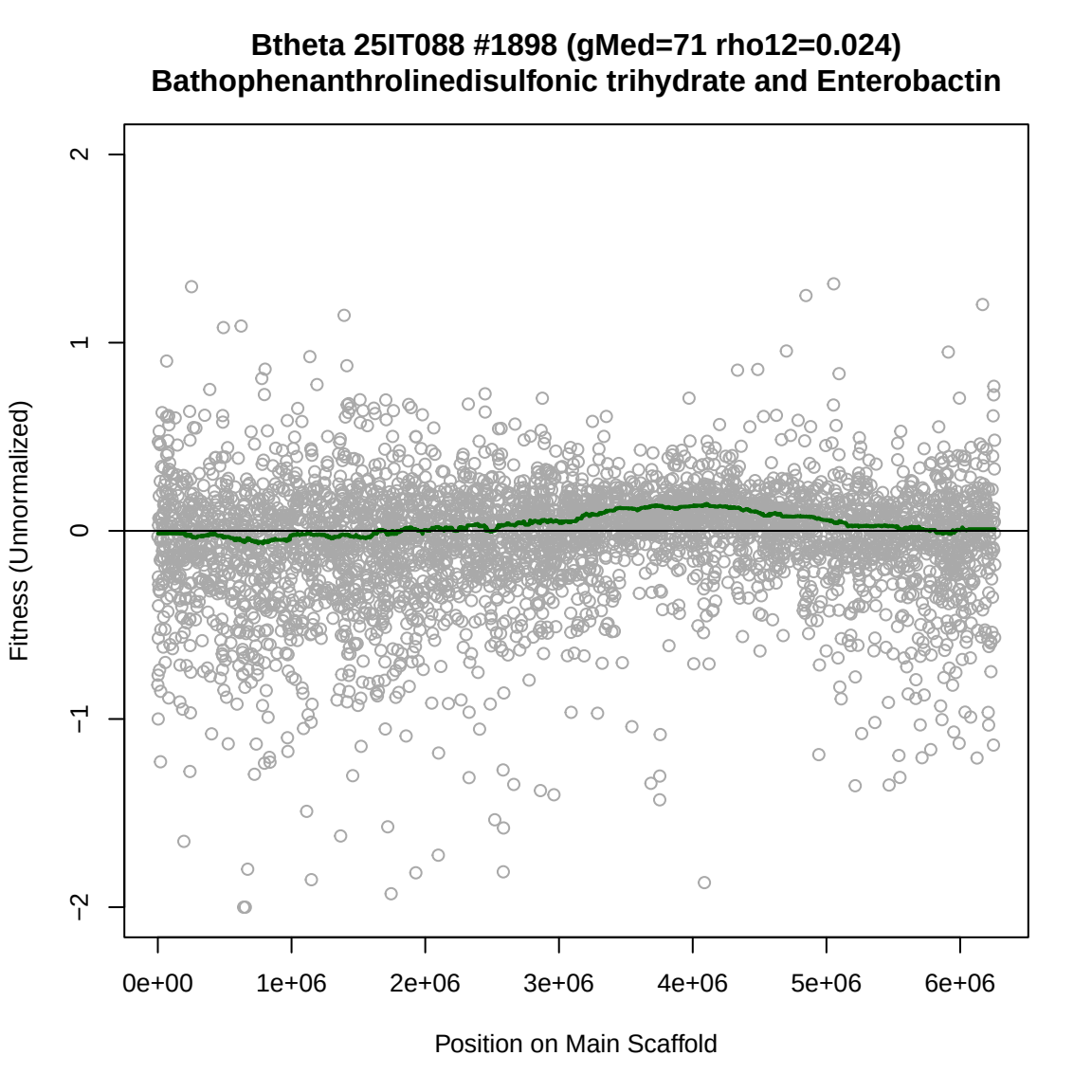

Btheta 25IT083 #1893 (gMed=69 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

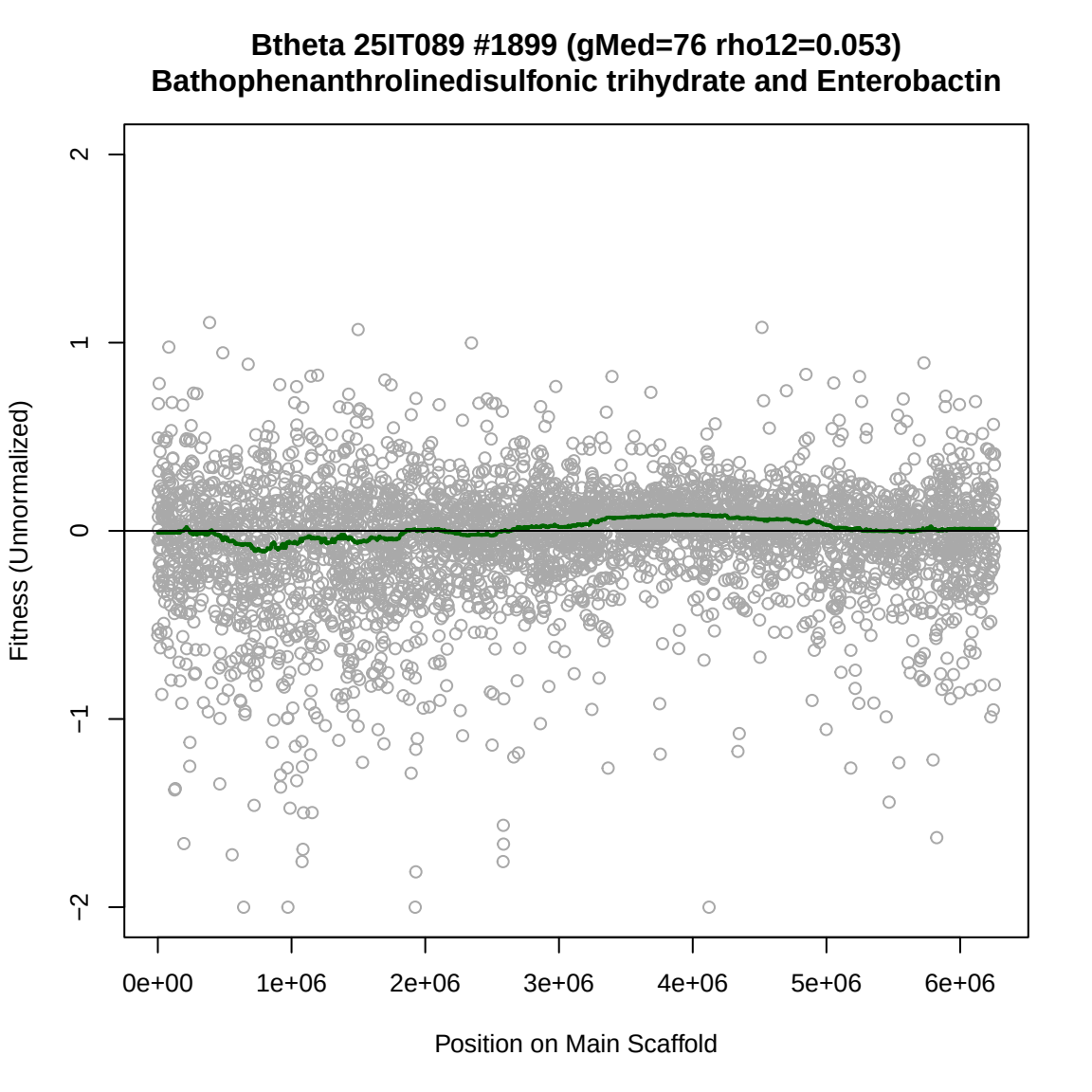

Btheta 25IT084 #1894 (gMed=52 rho12=0.022)
Bathophenanthrolinedisulfonic trihydrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

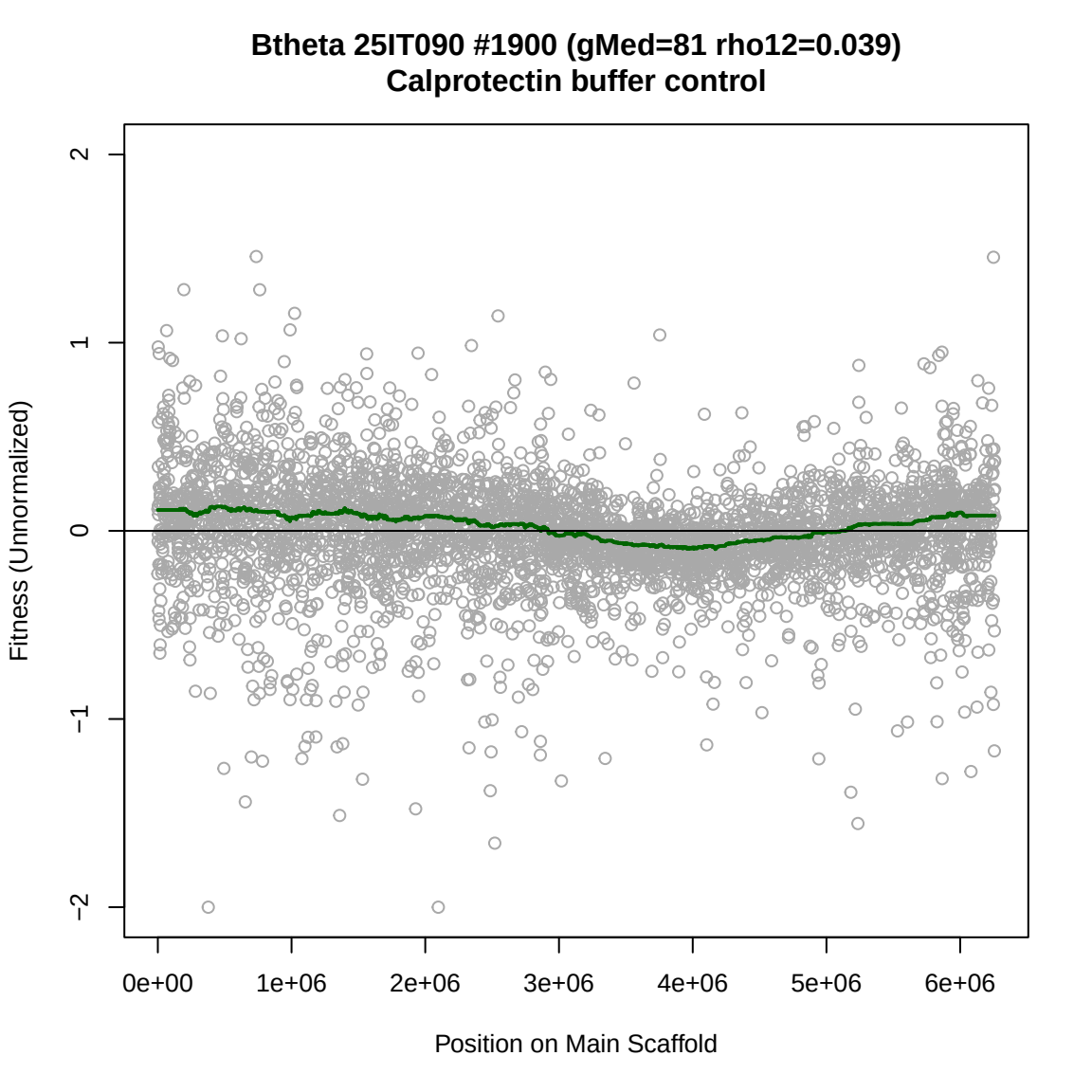

Btheta 25IT085 #1895 (gMed=60 rho12=0.003)
Bathophenanthrolinedisulfonic trihydrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

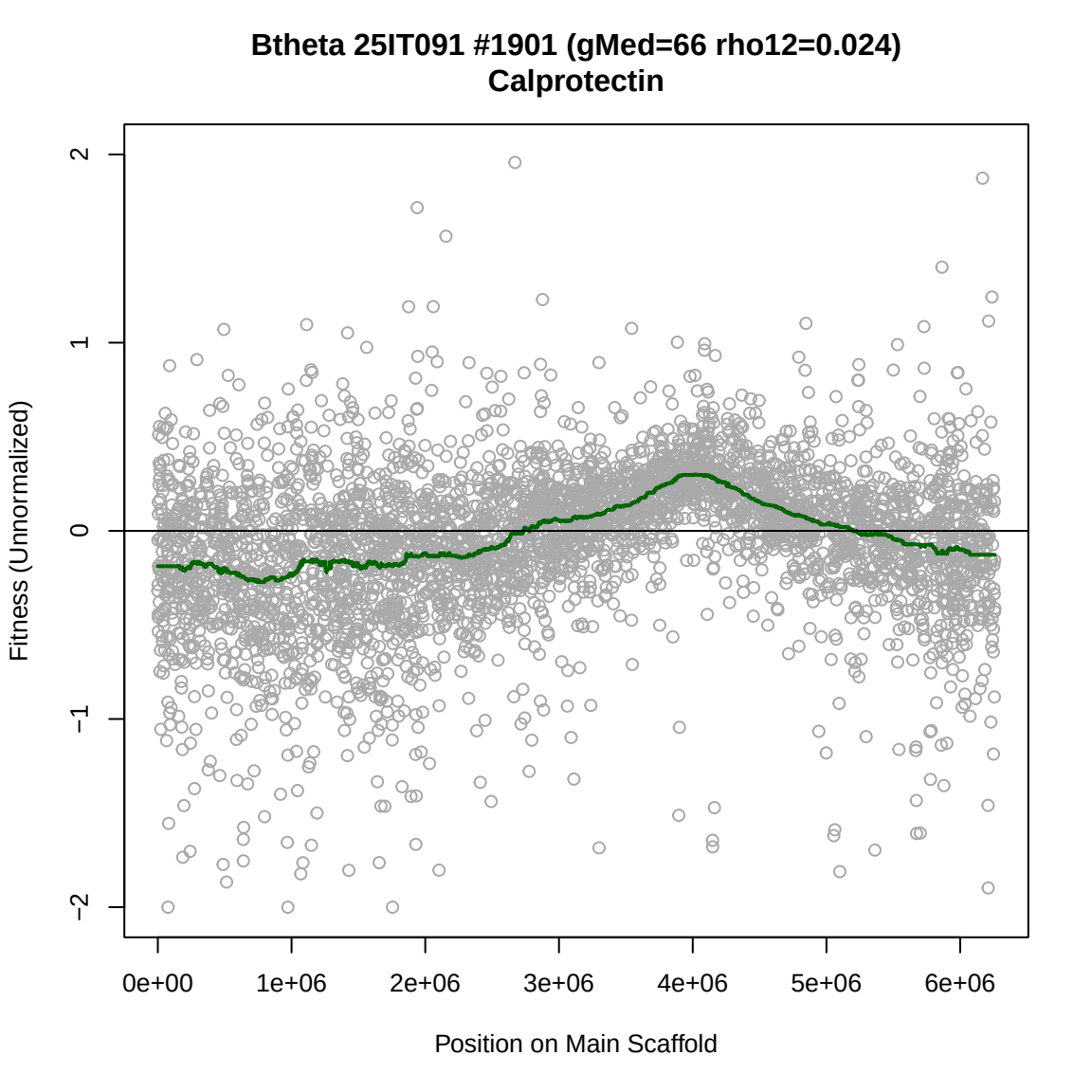

Btheta 25IT086 #1896 (gMed=65 rho12=0.040)
Bathophenanthrolinedisulfonic trihydrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

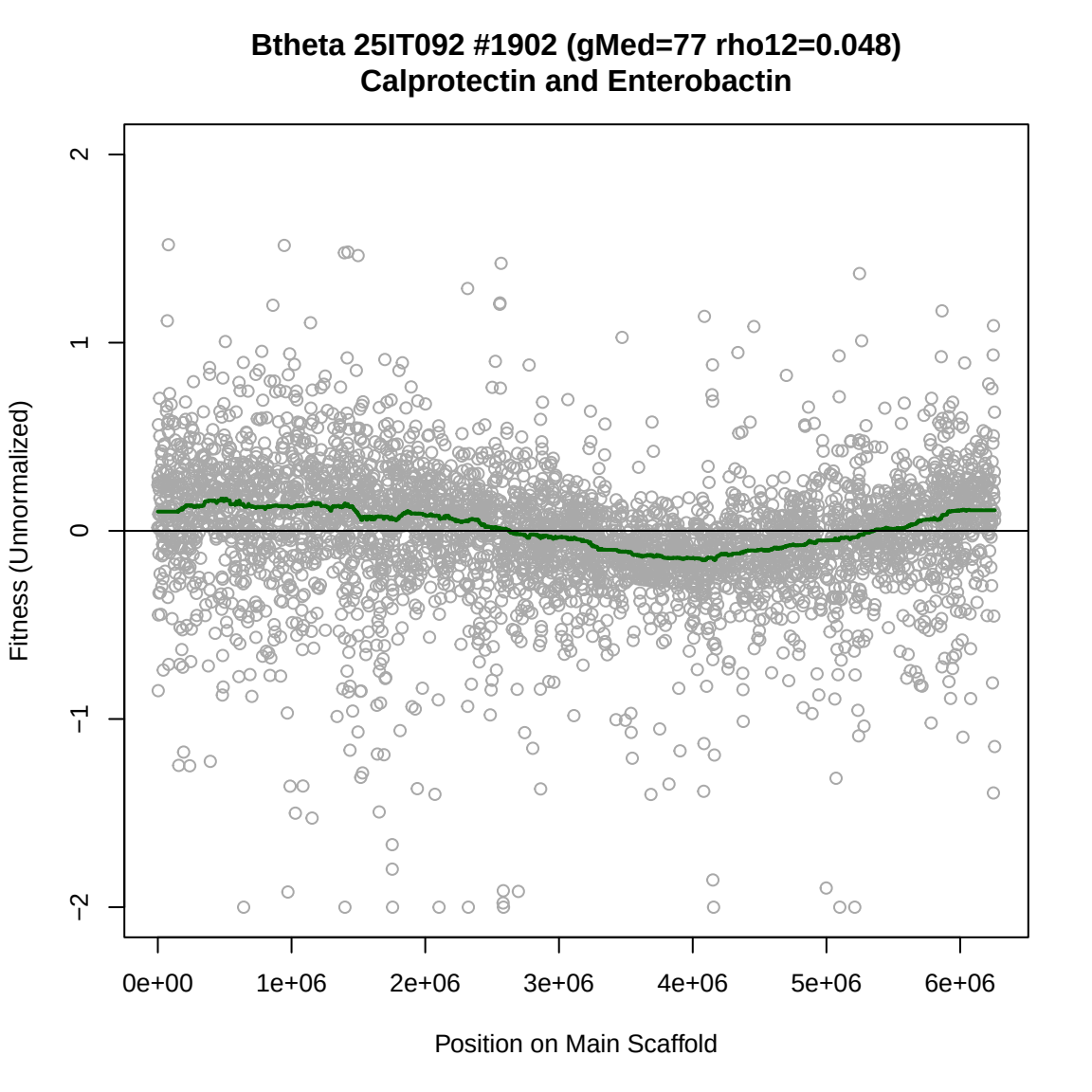

Btheta 25IT087 #1897 (gMed=76 rho12=0.047)
Bathophenanthrolinedisulfonic trihydrate and Enterobactin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

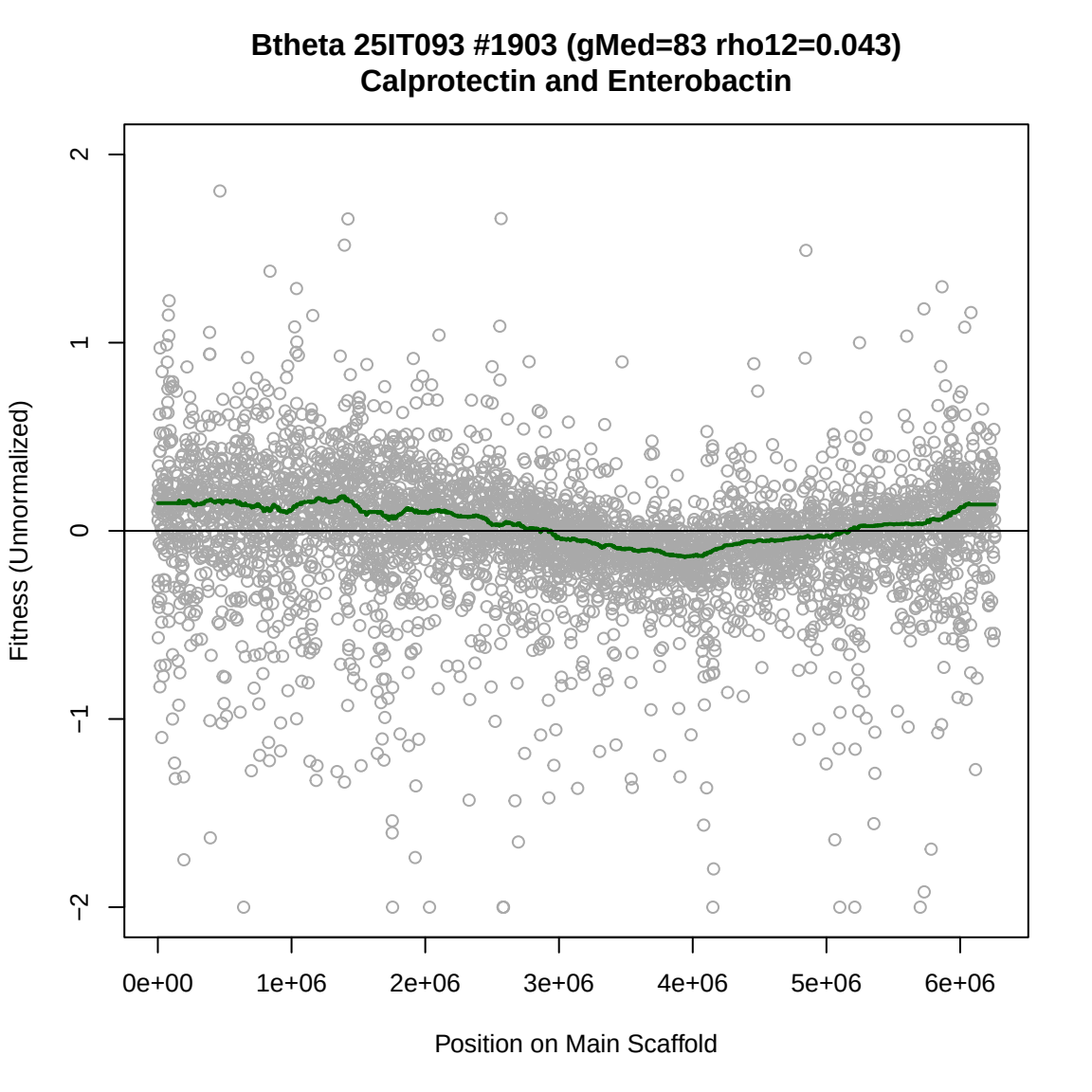

Btheta 25IT088 #1898 (gMed=71 rho12=0.024)
Bathophenanthrolinedisulfonic trihydrate and Enterobactin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

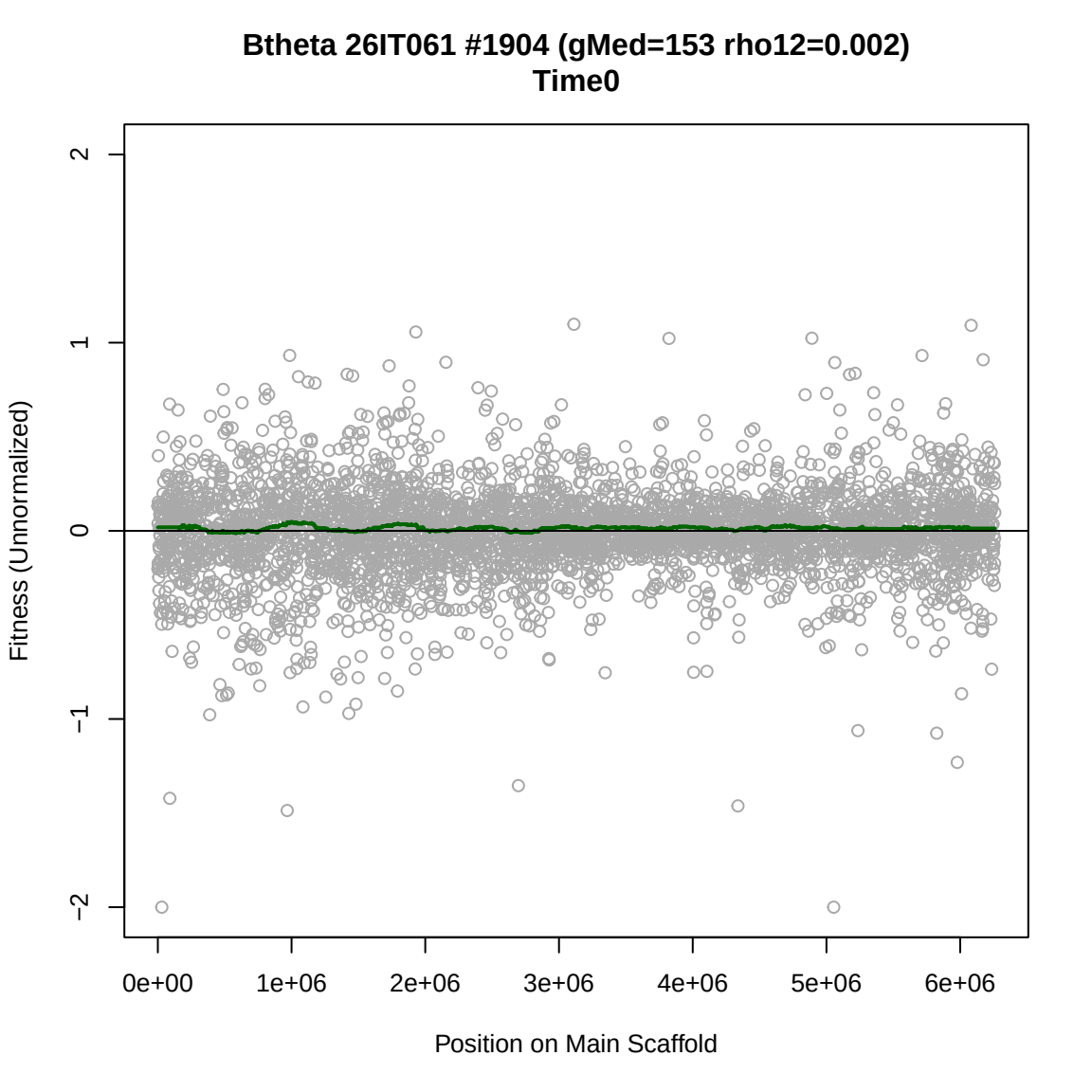

Btheta 25IT089 #1899 (gMed=76 rho12=0.053)
Bathophenanthrolinedisulfonic trihydrate and Enterobactin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

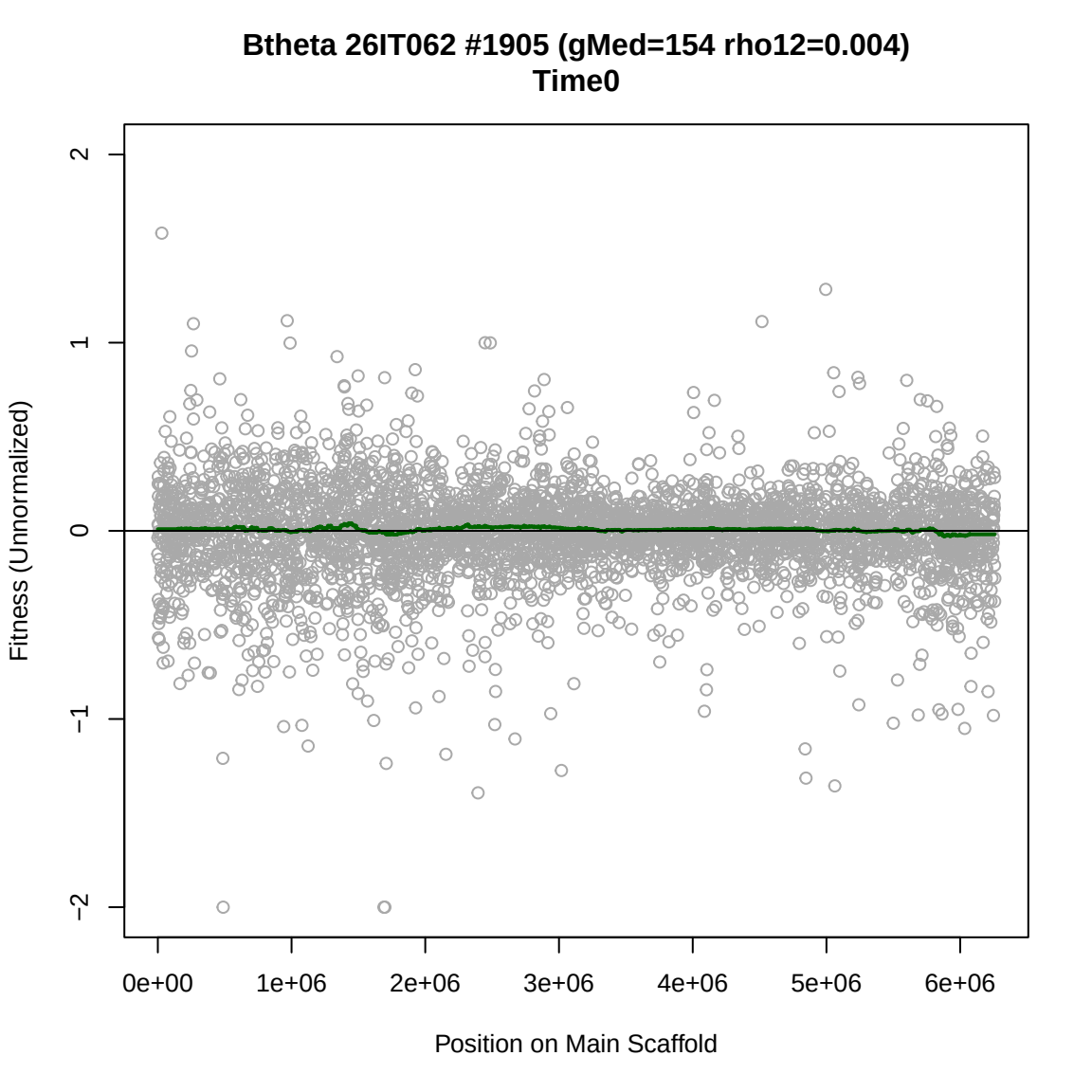

Btheta 25IT090 #1900 (gMed=81 rho12=0.039)
Calprotectin buffer control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

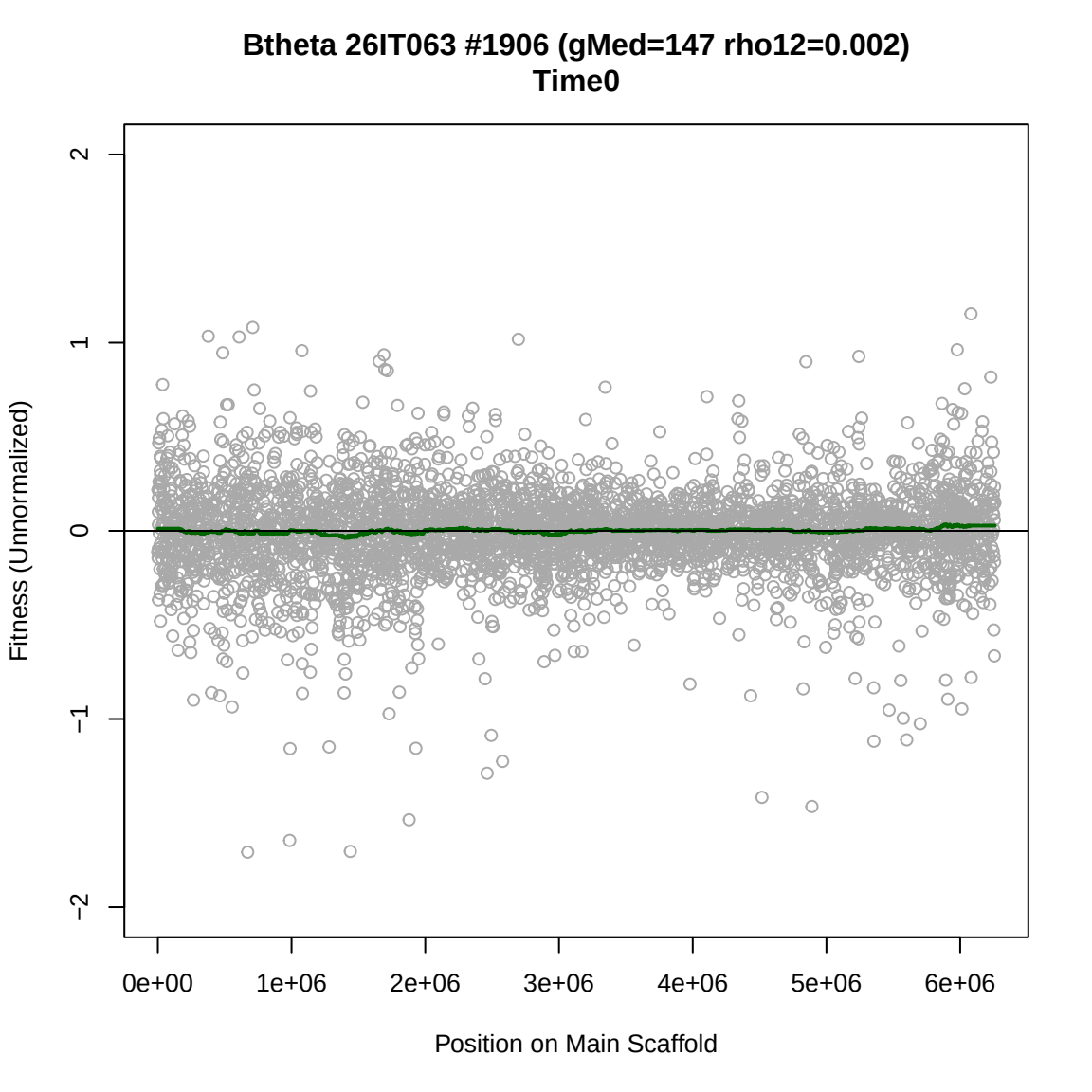

Btheta 25IT091 #1901 (gMed=66 rho12=0.024)
Calprotectin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

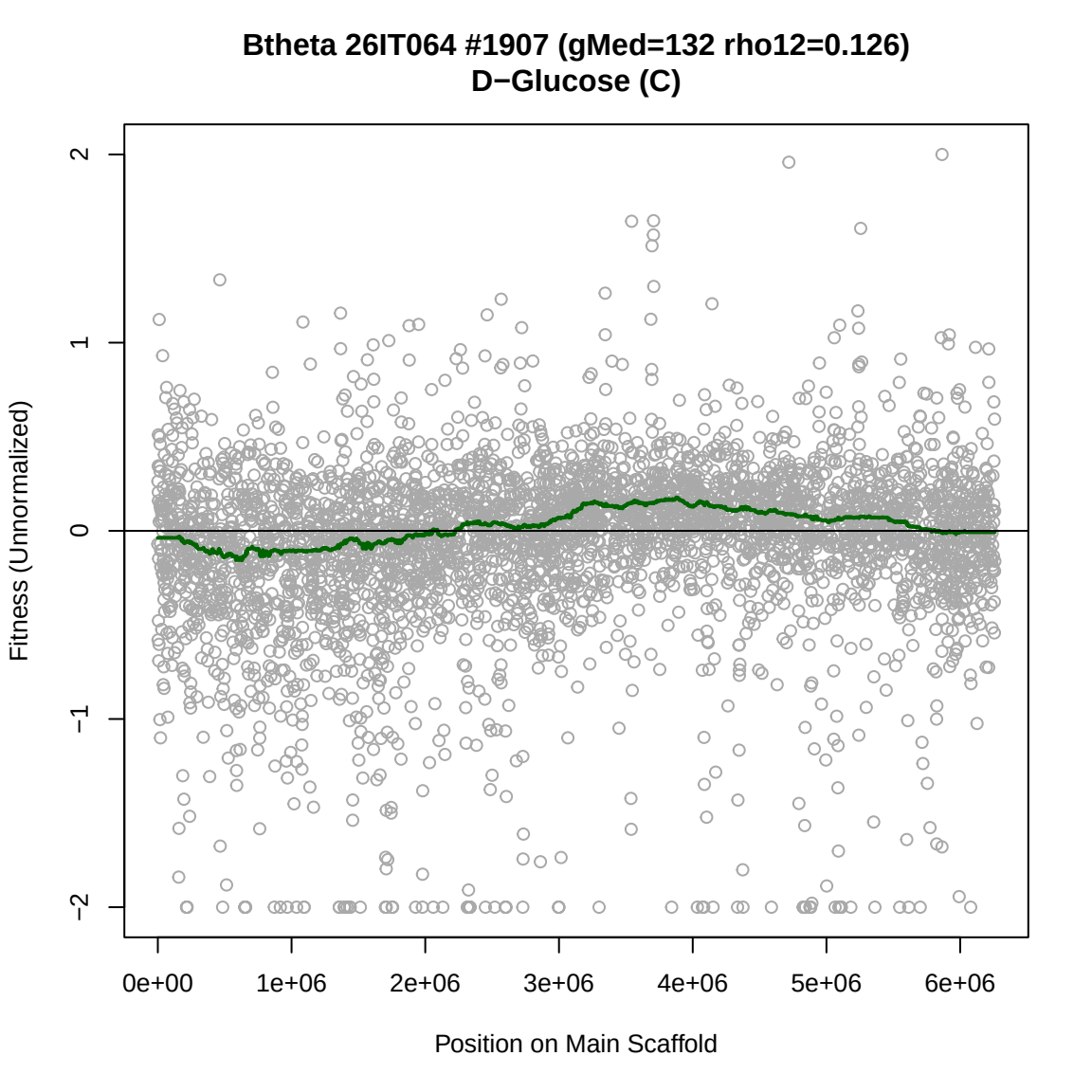

Btheta 25IT092 #1902 (gMed=77 rho12=0.048)
Calprotectin and Enterobactin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

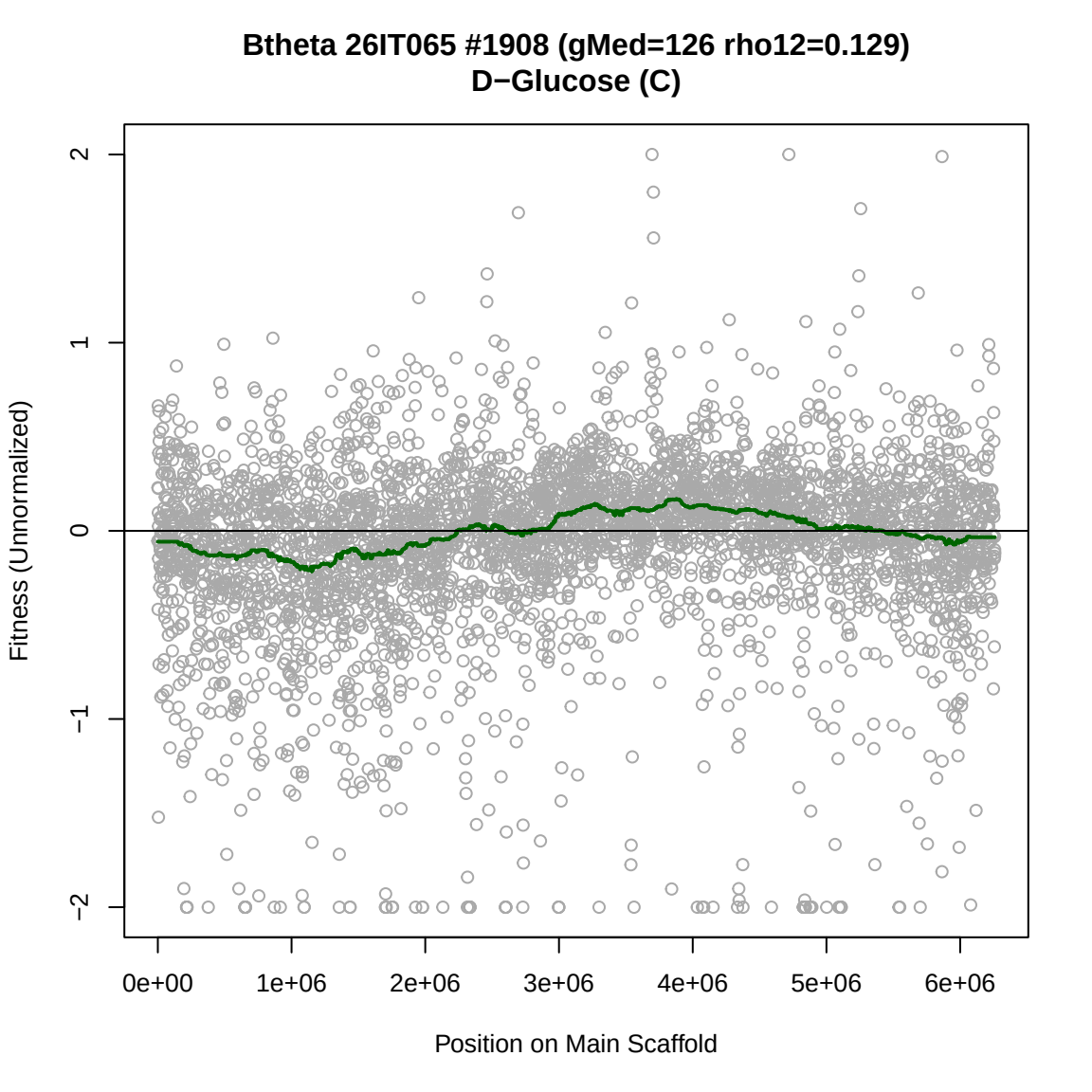

Btheta 25IT093 #1903 (gMed=83 rho12=0.043)
Calprotectin and Enterobactin
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

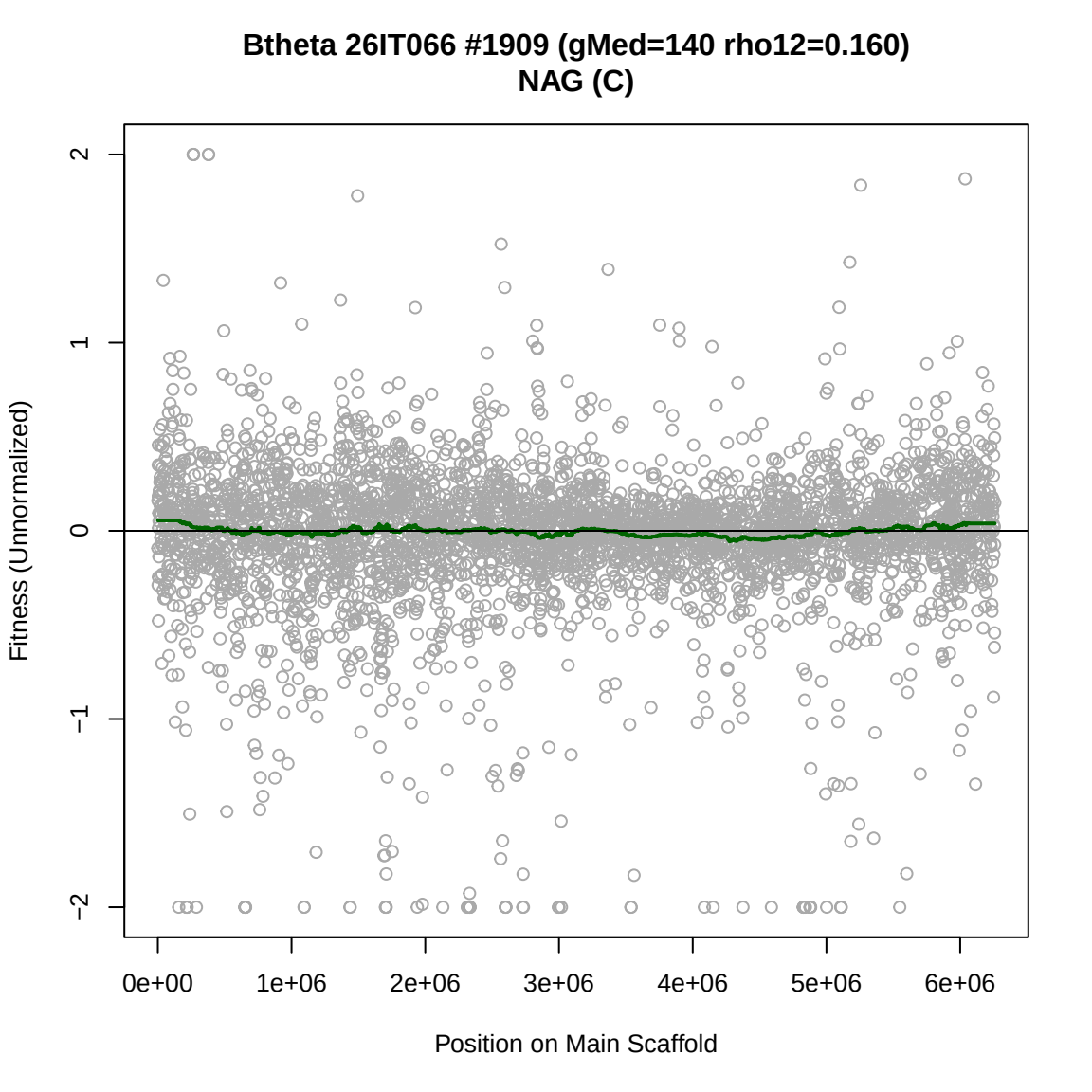

Btheta 26IT061 #1904 (gMed=153 rho12=0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

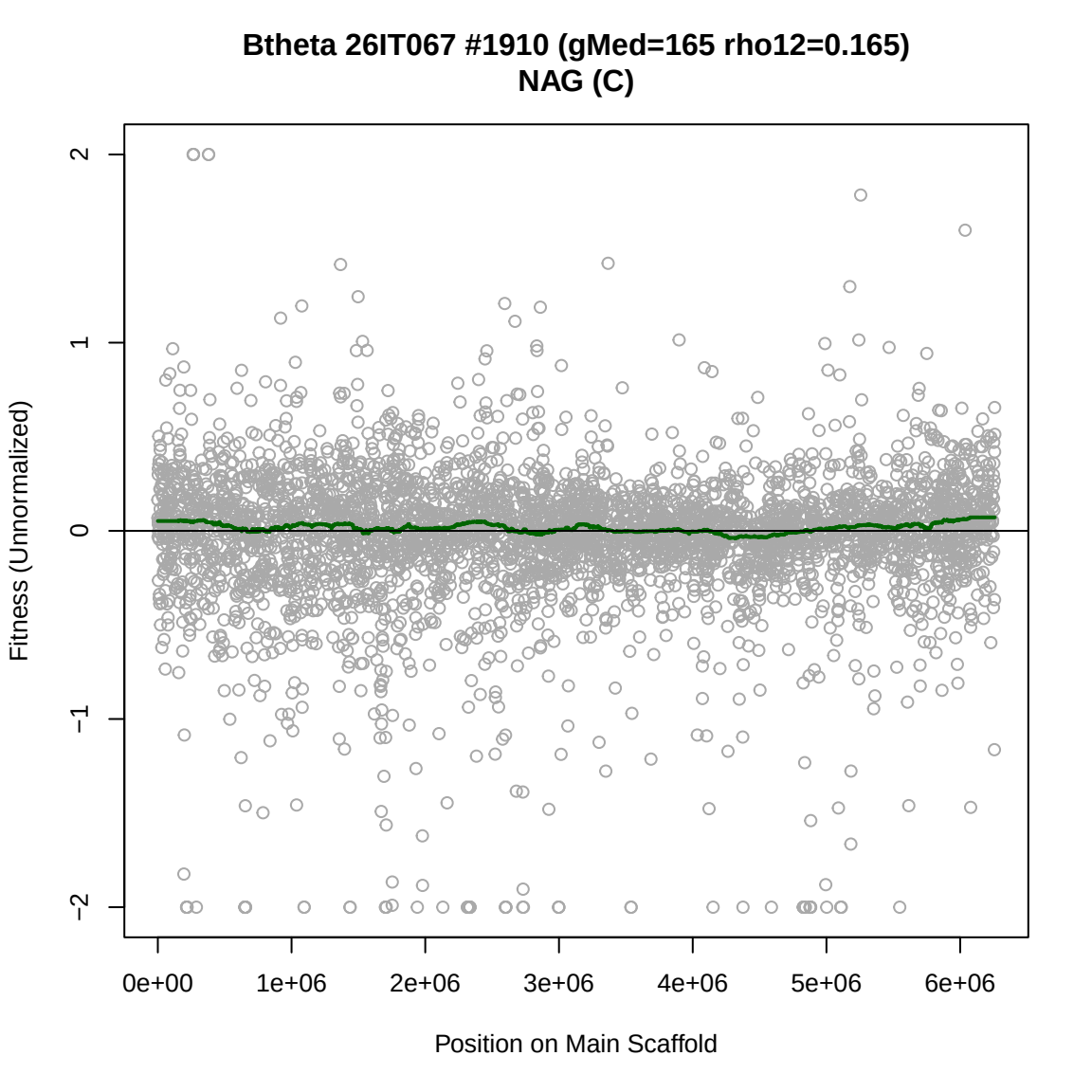

Btheta 26IT062 #1905 (gMed=154 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

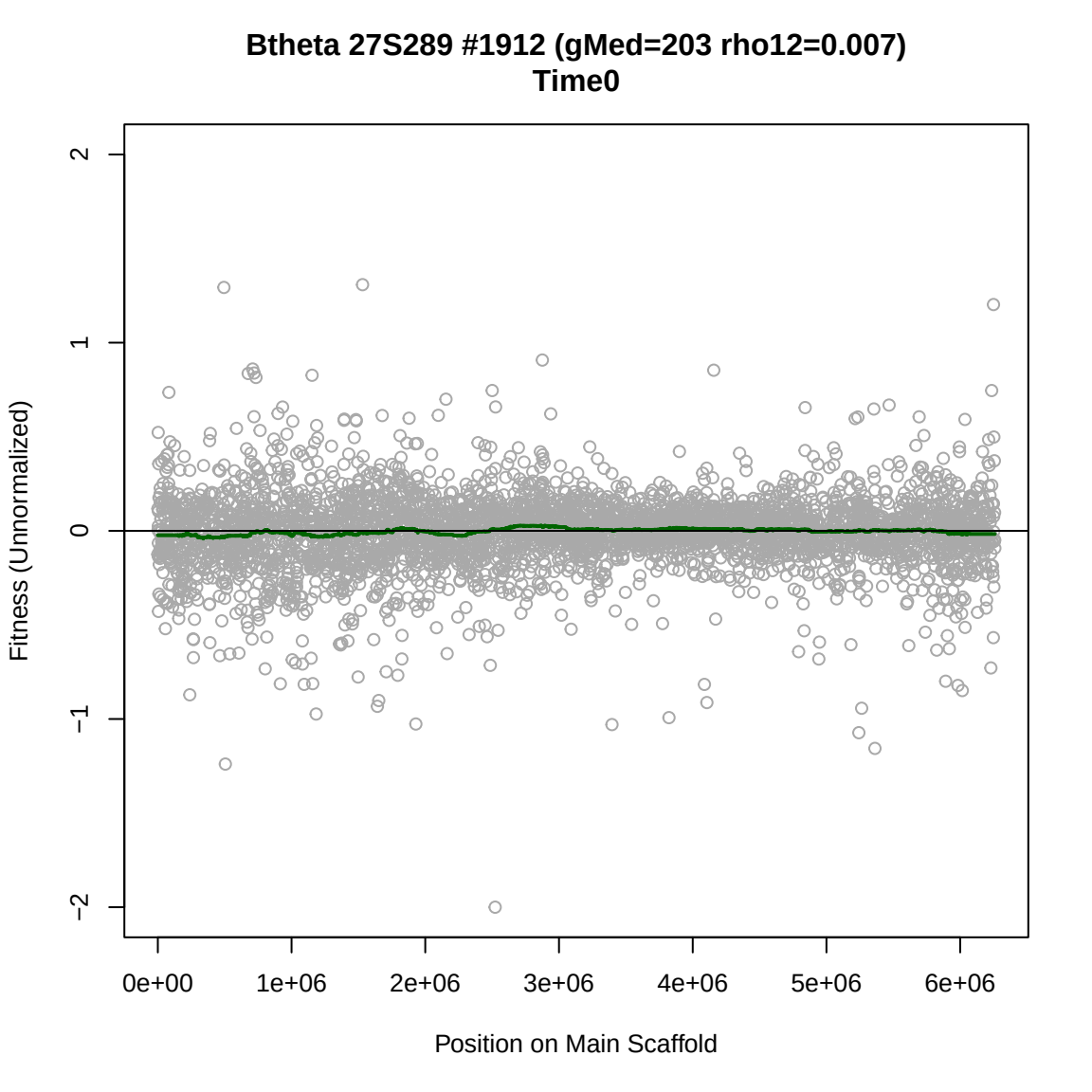

Btheta 26IT063 #1906 (gMed=147 rho12=0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

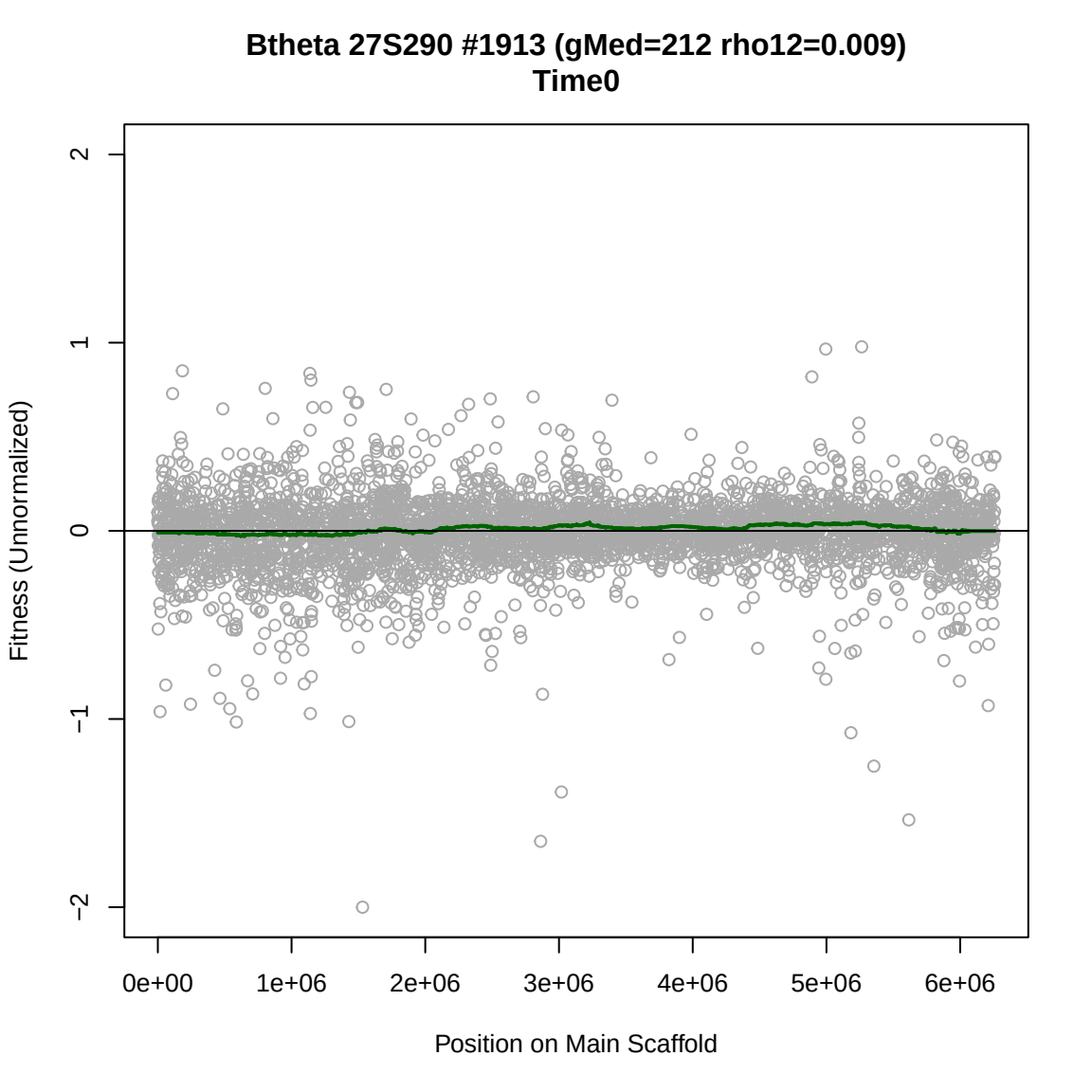

Btheta 26IT064 #1907 (gMed=132 rho12=0.126)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

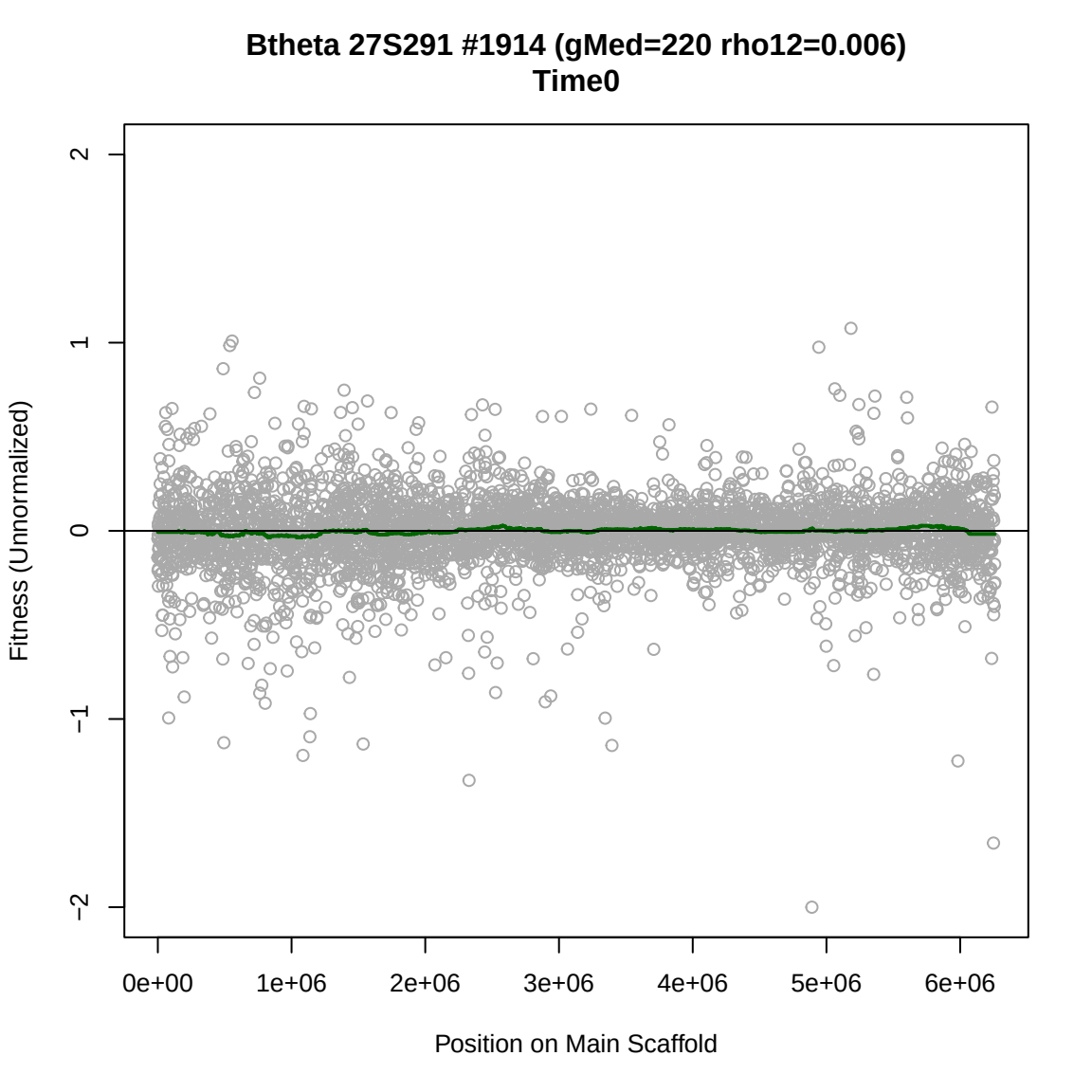

Btheta 26IT065 #1908 (gMed=126 rho12=0.129)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

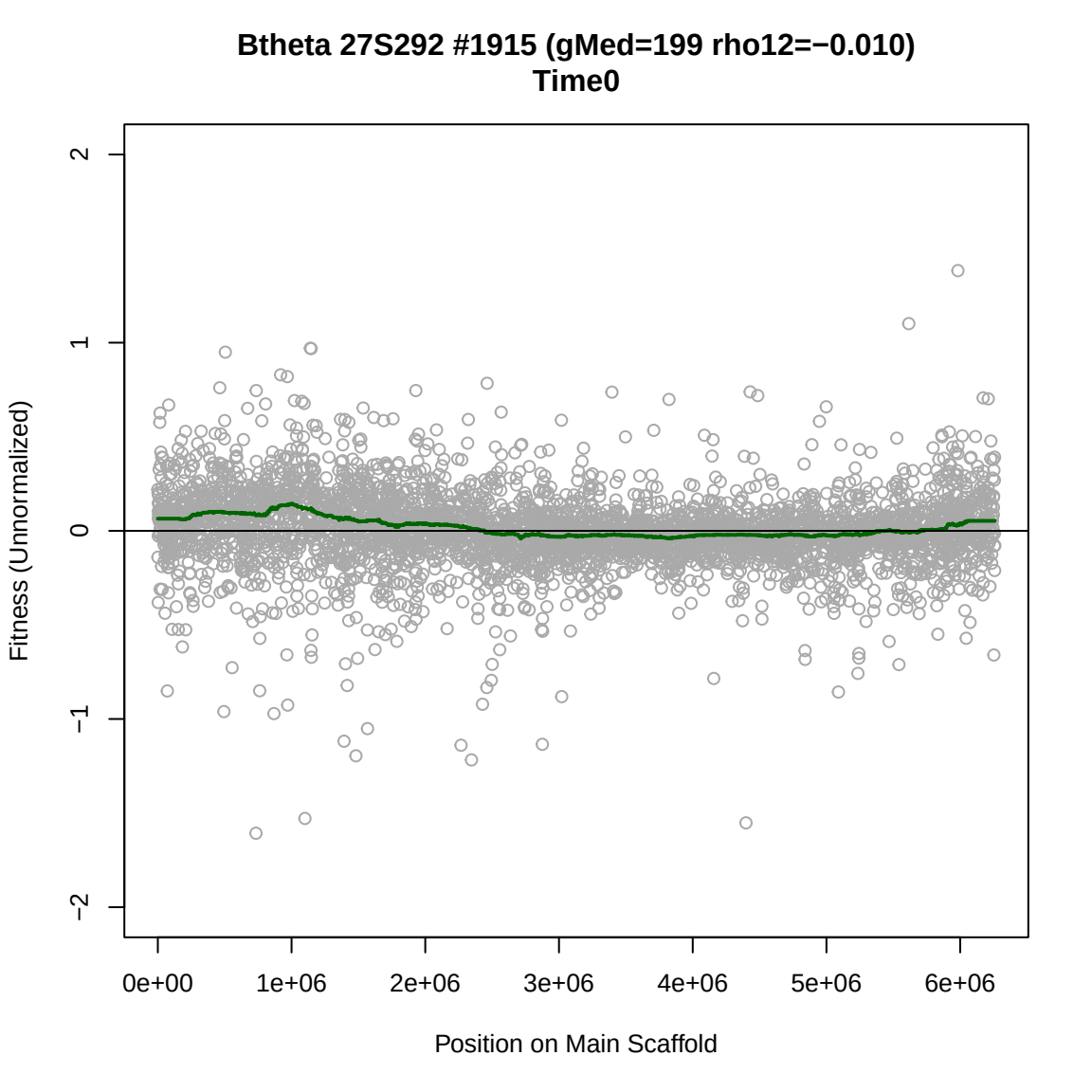

Btheta 26IT066 #1909 (gMed=140 rho12=0.160)
NAG (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

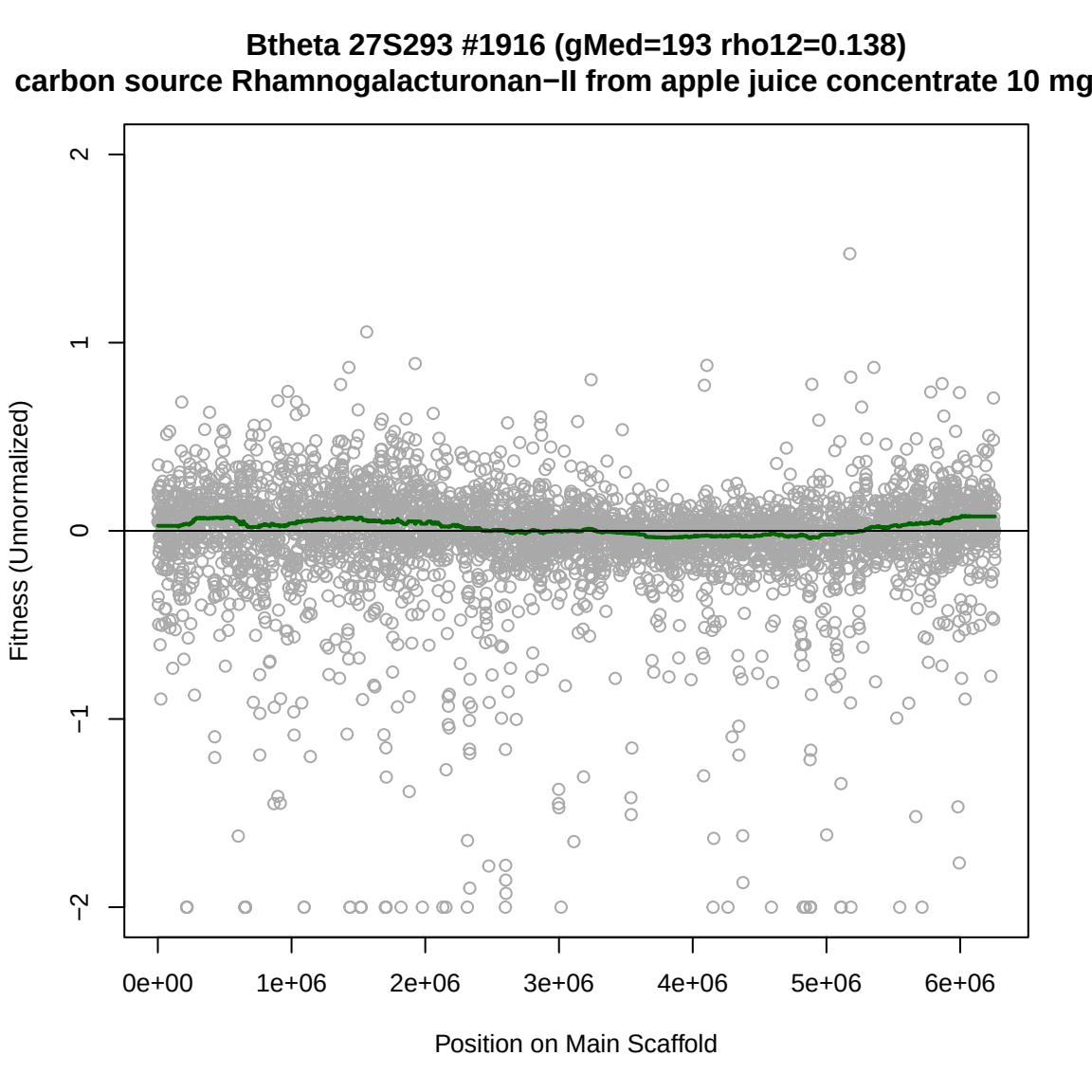

Btheta 26IT067 #1910 (gMed=165 rho12=0.165)
NAG (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

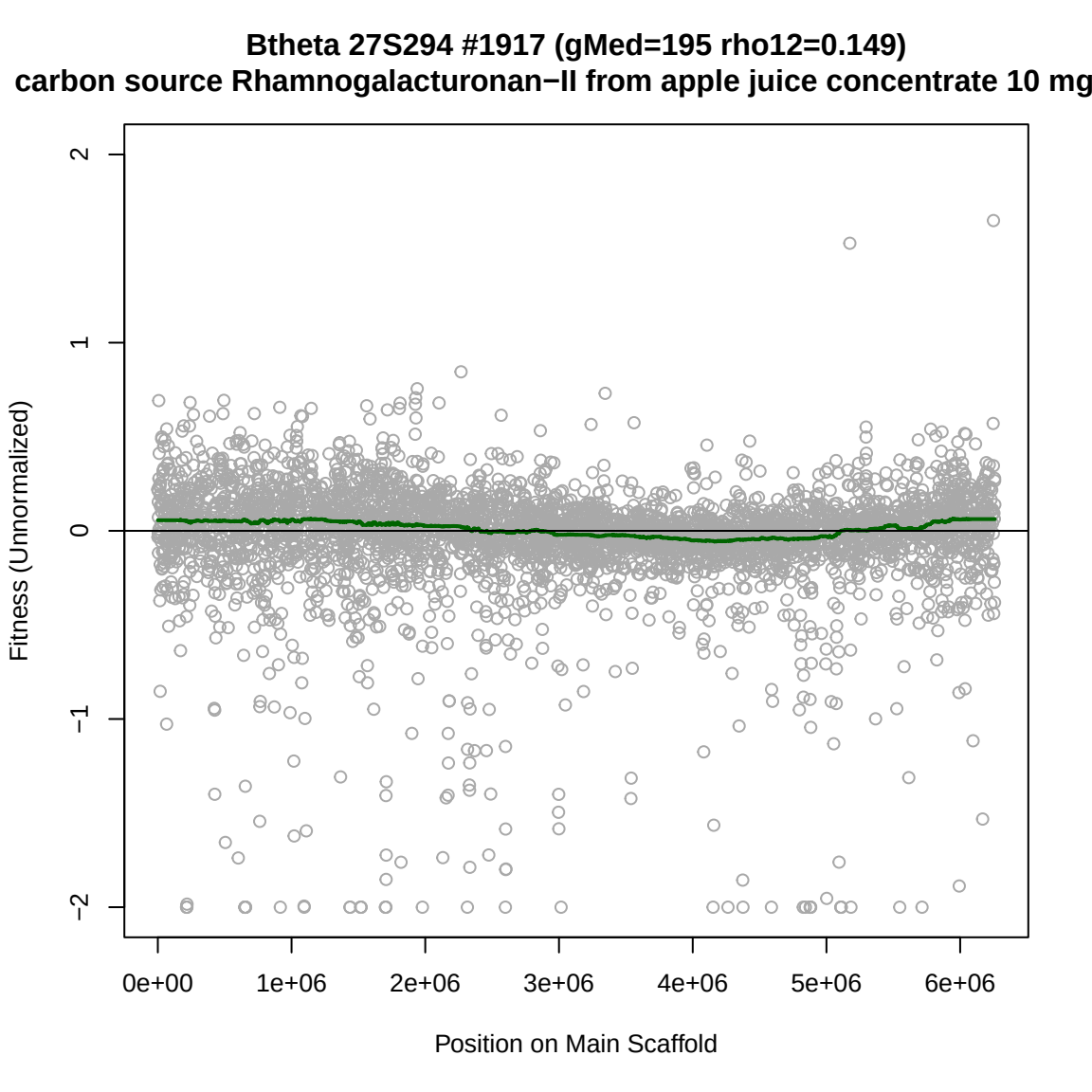

Btheta 27S289 #1912 (gMed=203 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

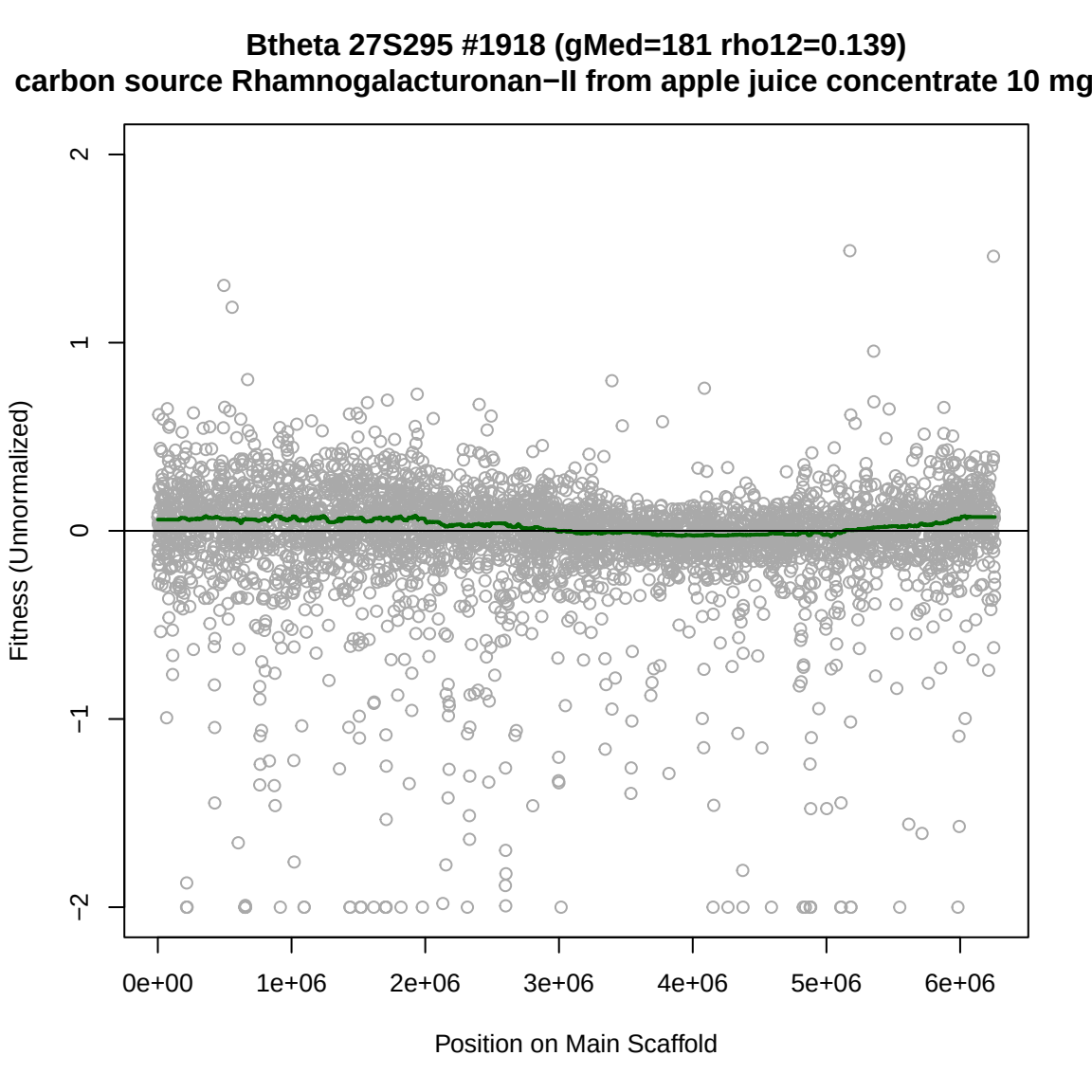

Btheta 27S290 #1913 (gMed=212 rho12=0.009)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

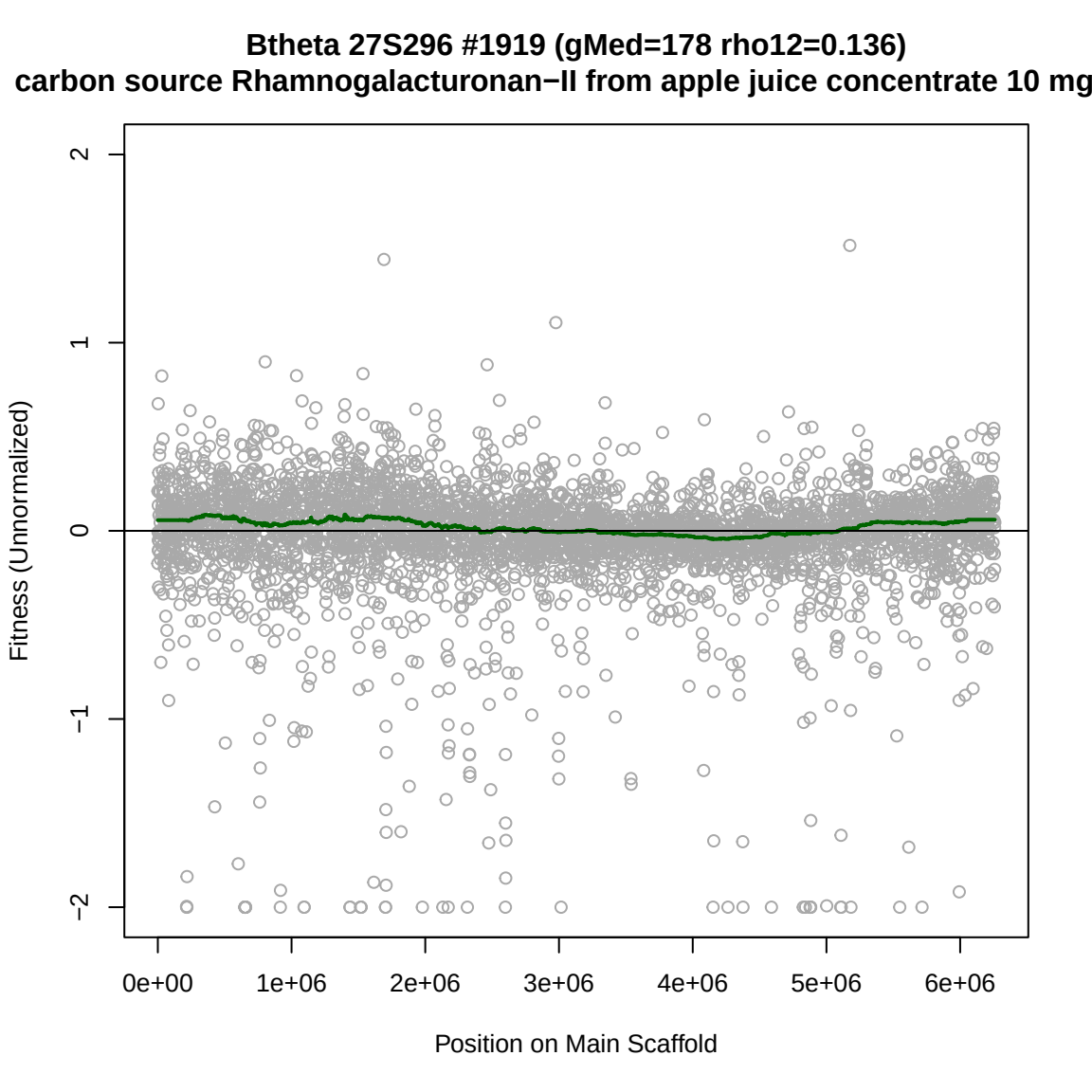

Btheta 27S291 #1914 (gMed=220 rho12=0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

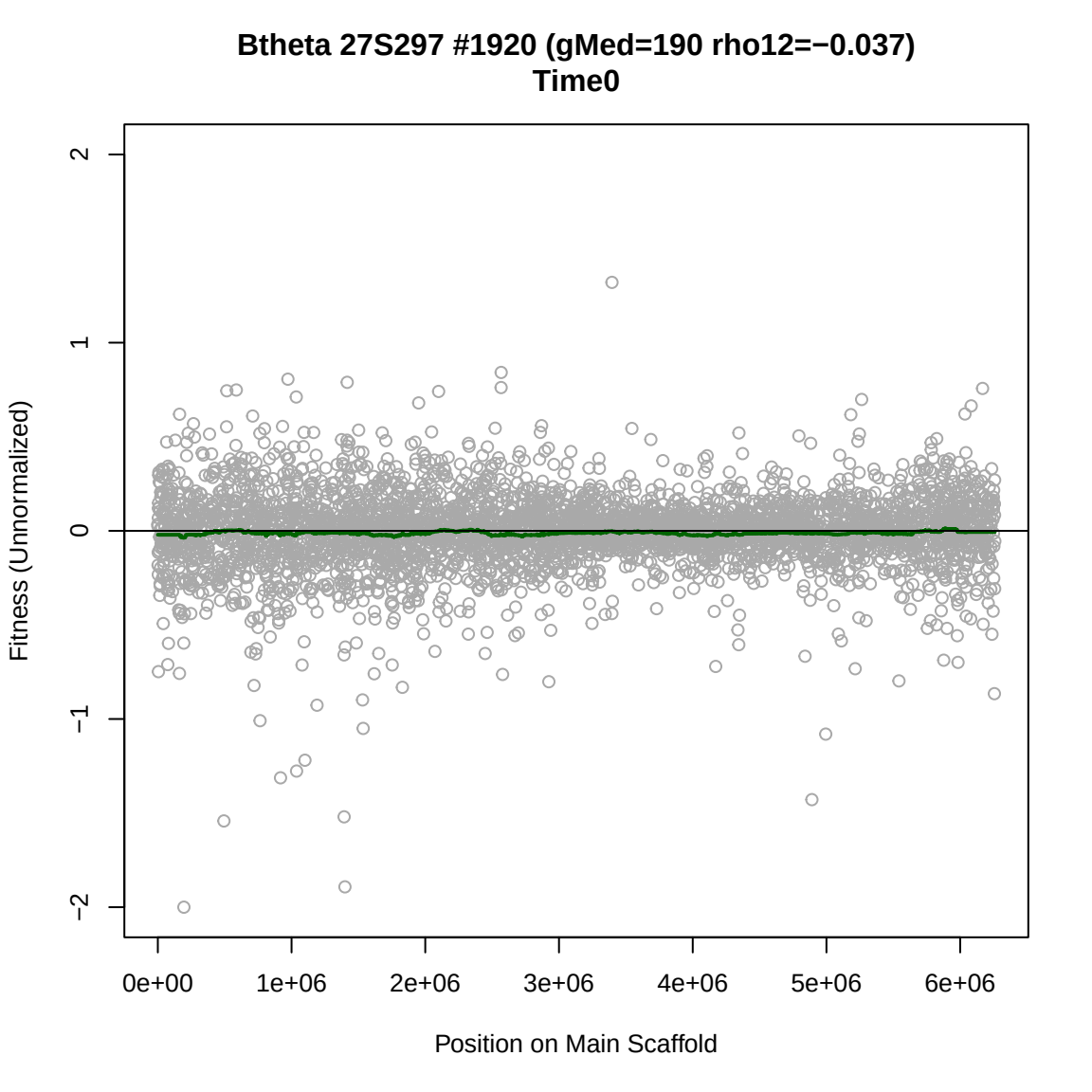

Btheta 27S292 #1915 (gMed=199 rho12=−0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

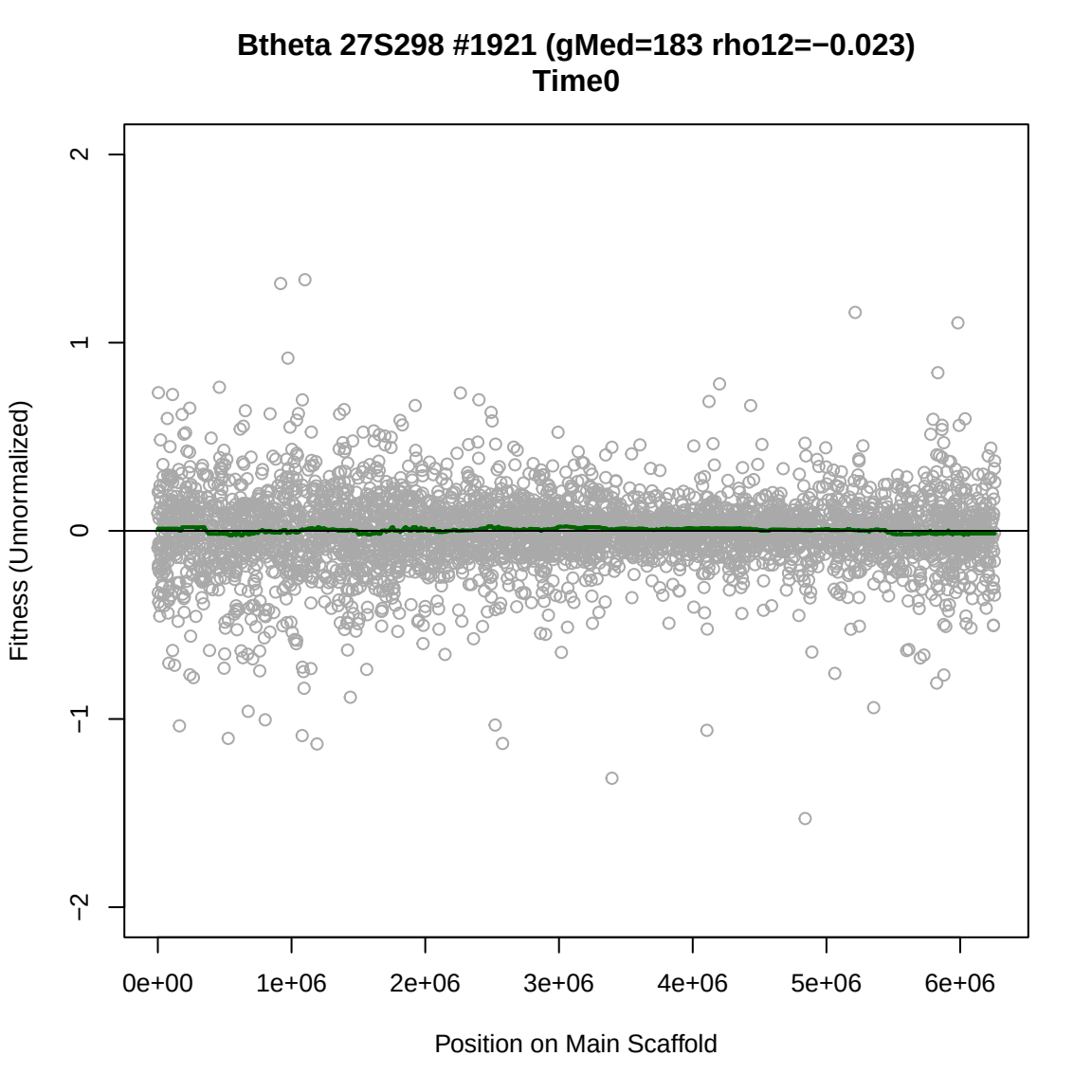

Btheta 27S293 #1916 (gMed=193 rho12=0.138)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

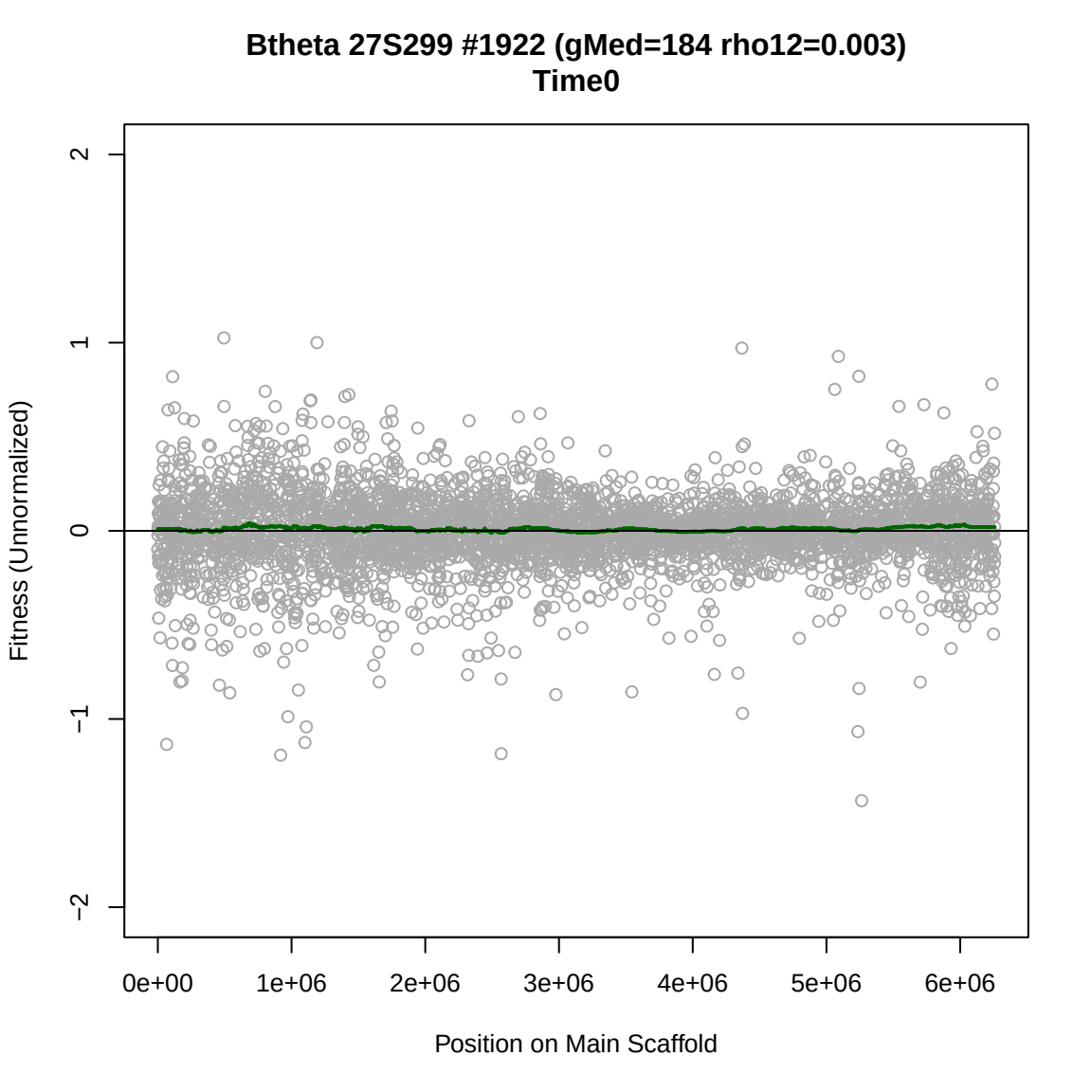

Btheta 27S294 #1917 (gMed=195 rho12=0.149)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

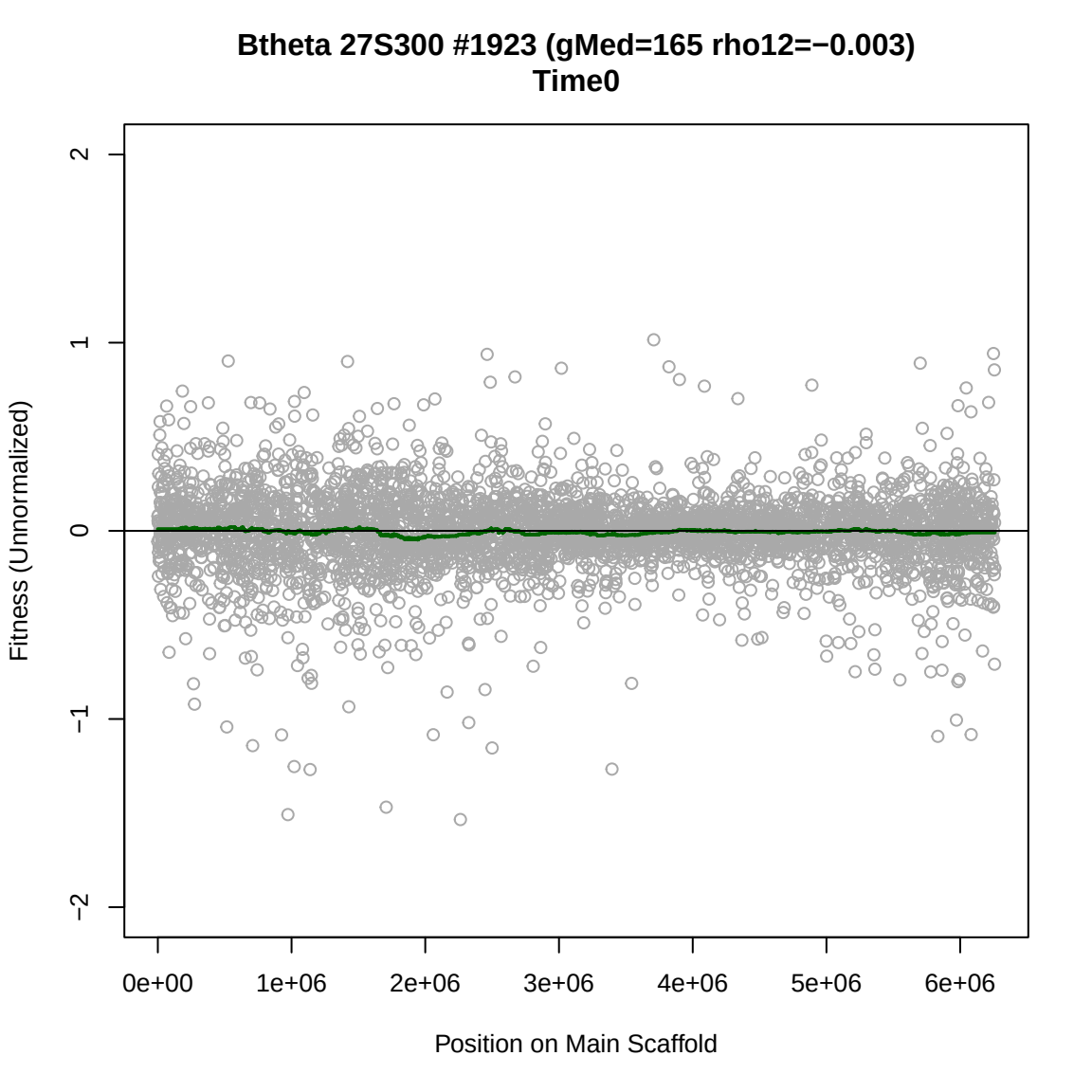

Btheta 27S295 #1918 (gMed=181 rho12=0.139)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

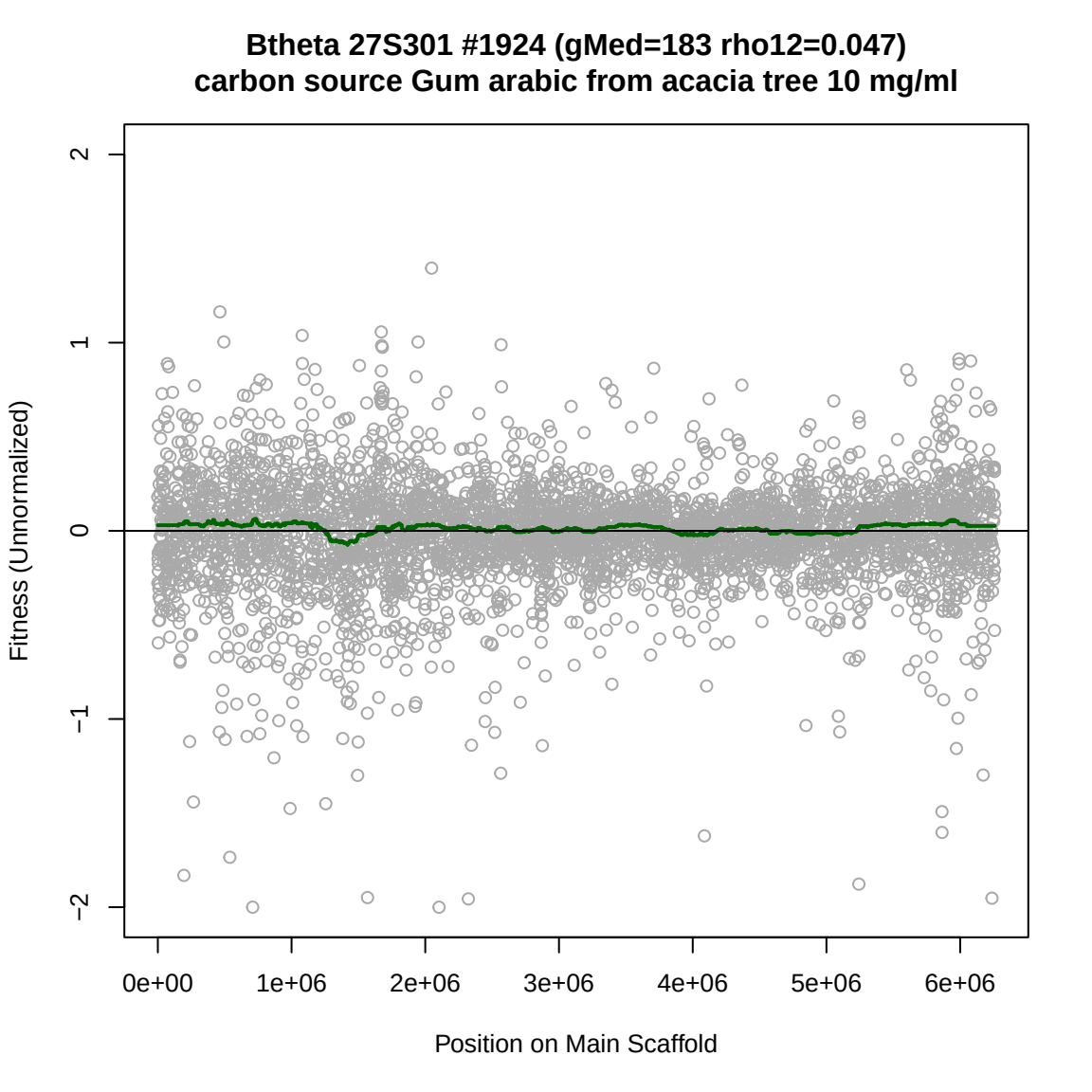

Btheta 27S296 #1919 (gMed=178 rho12=0.136)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

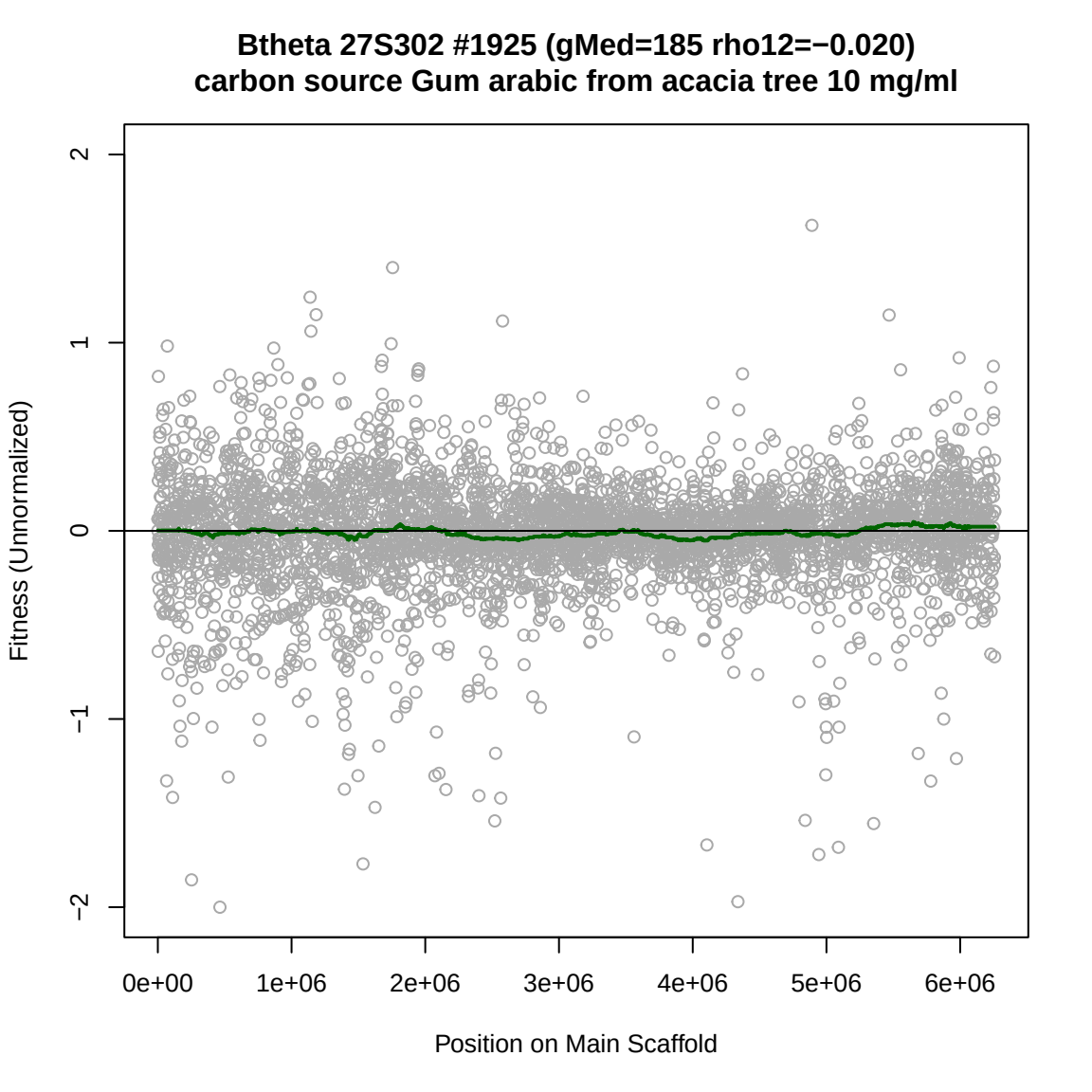

Btheta 27S297 #1920 (gMed=190 rho12=−0.037)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

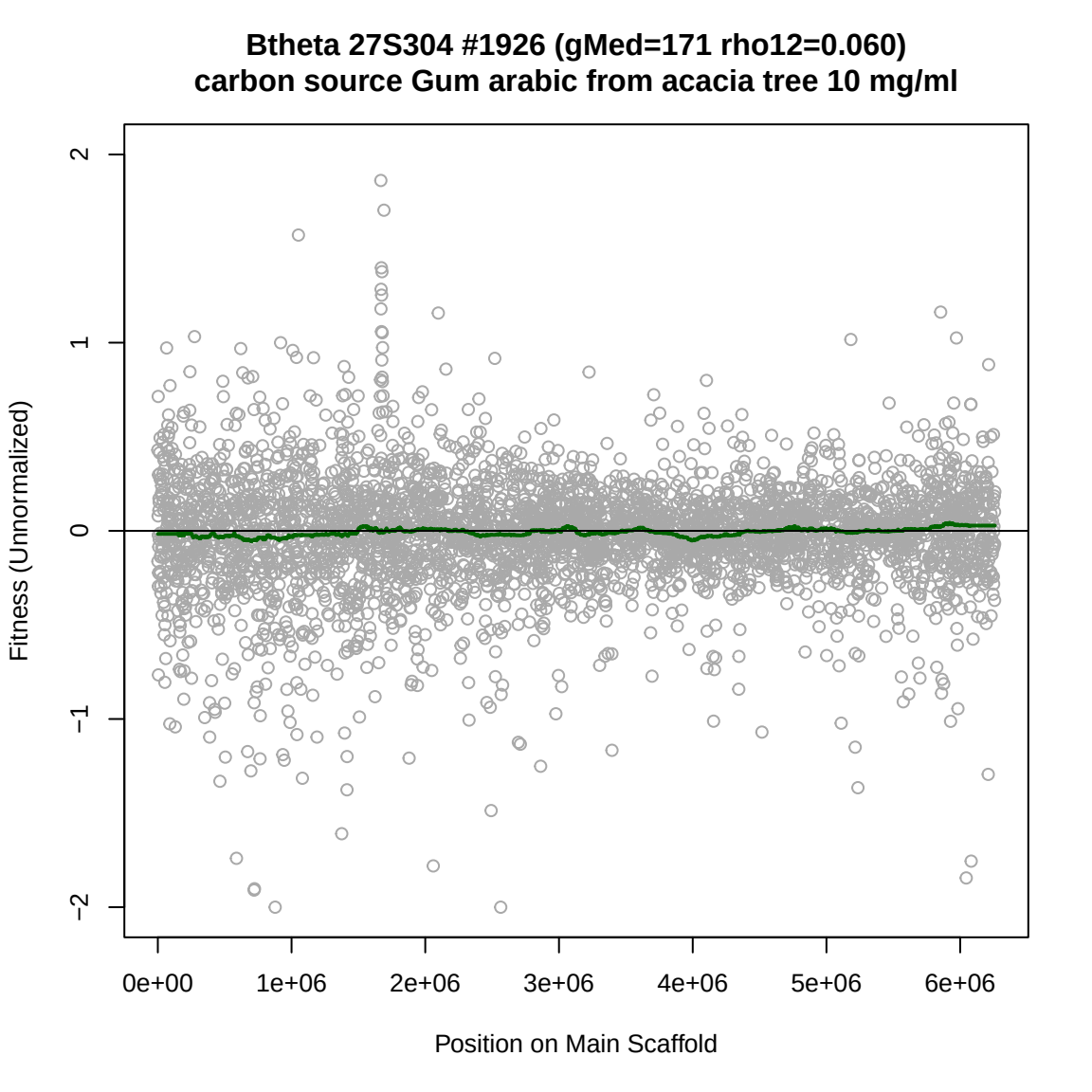

Btheta 27S298 #1921 (gMed=183 rho12=−0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

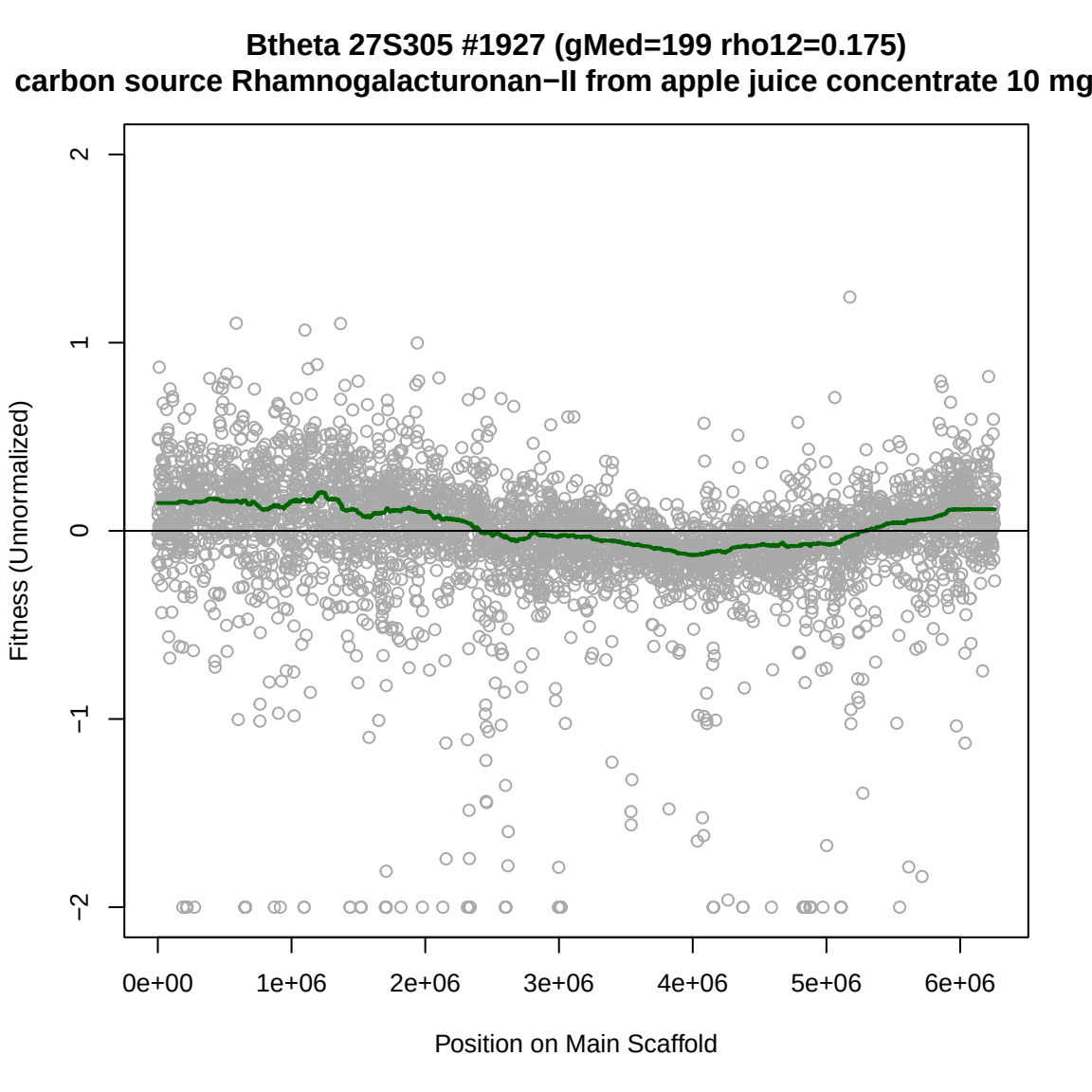

Btheta 27S299 #1922 (gMed=184 rho12=0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

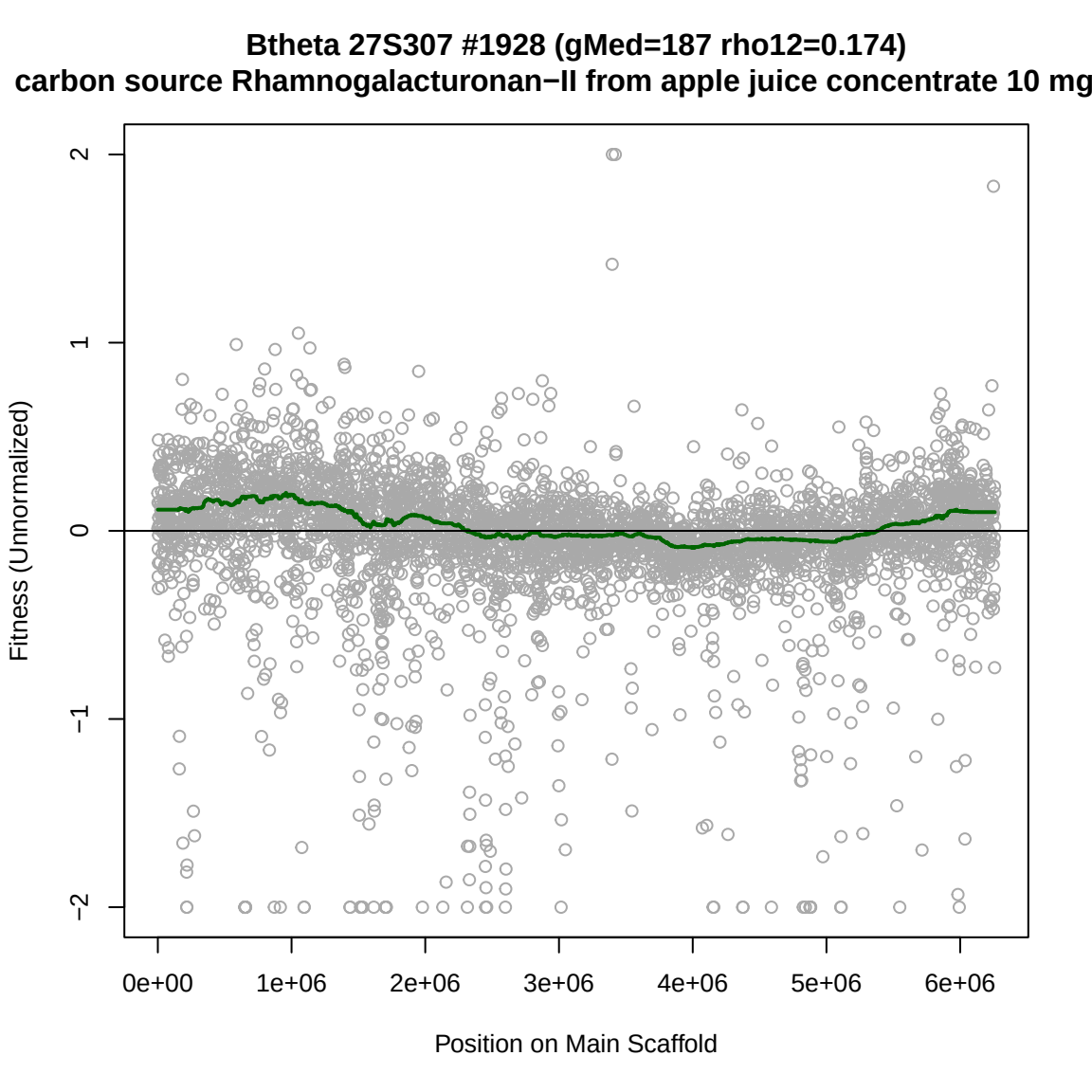

Btheta 27S300 #1923 (gMed=165 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

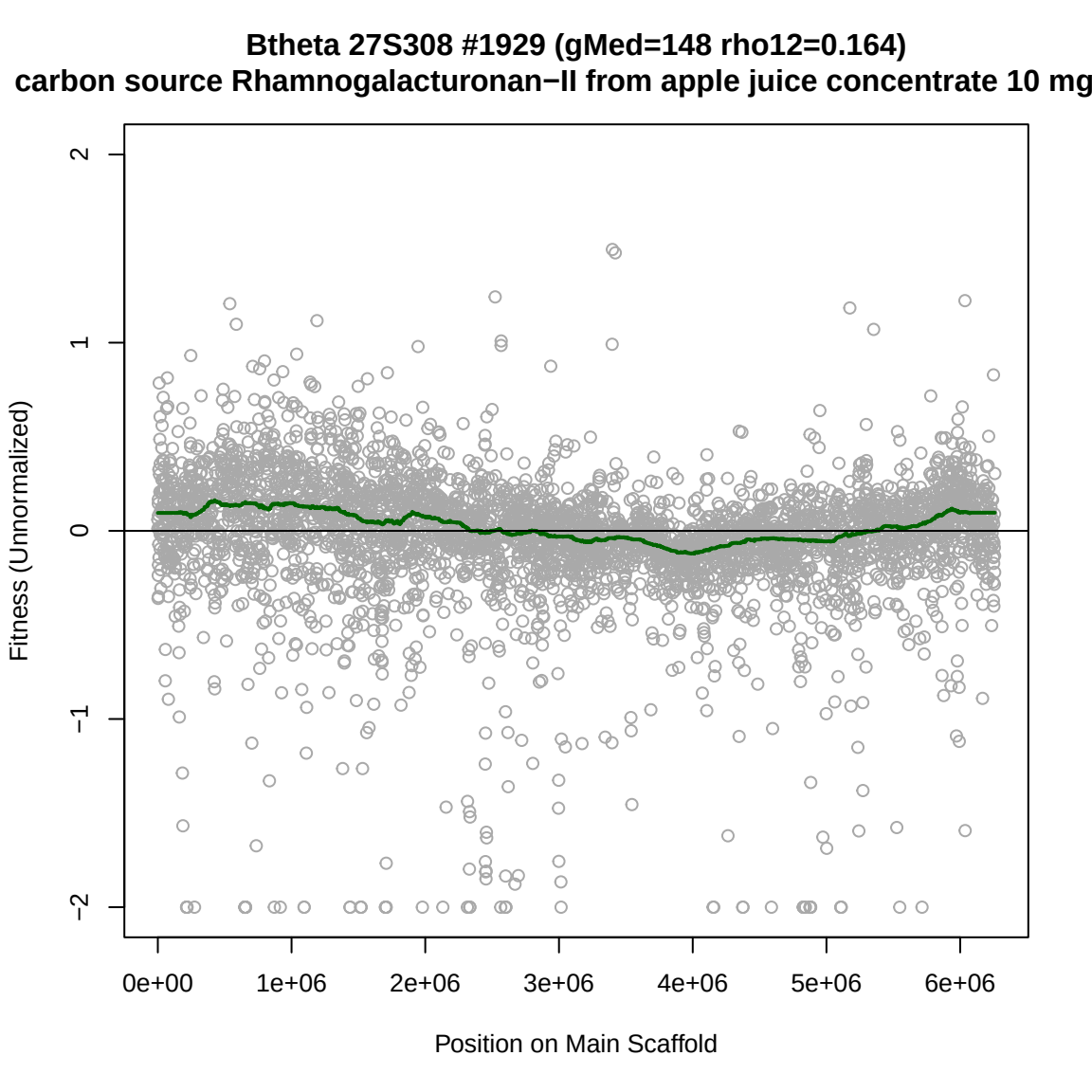

Btheta 27S301 #1924 (gMed=183 rho12=0.047)
carbon source Gum arabic from acacia tree 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

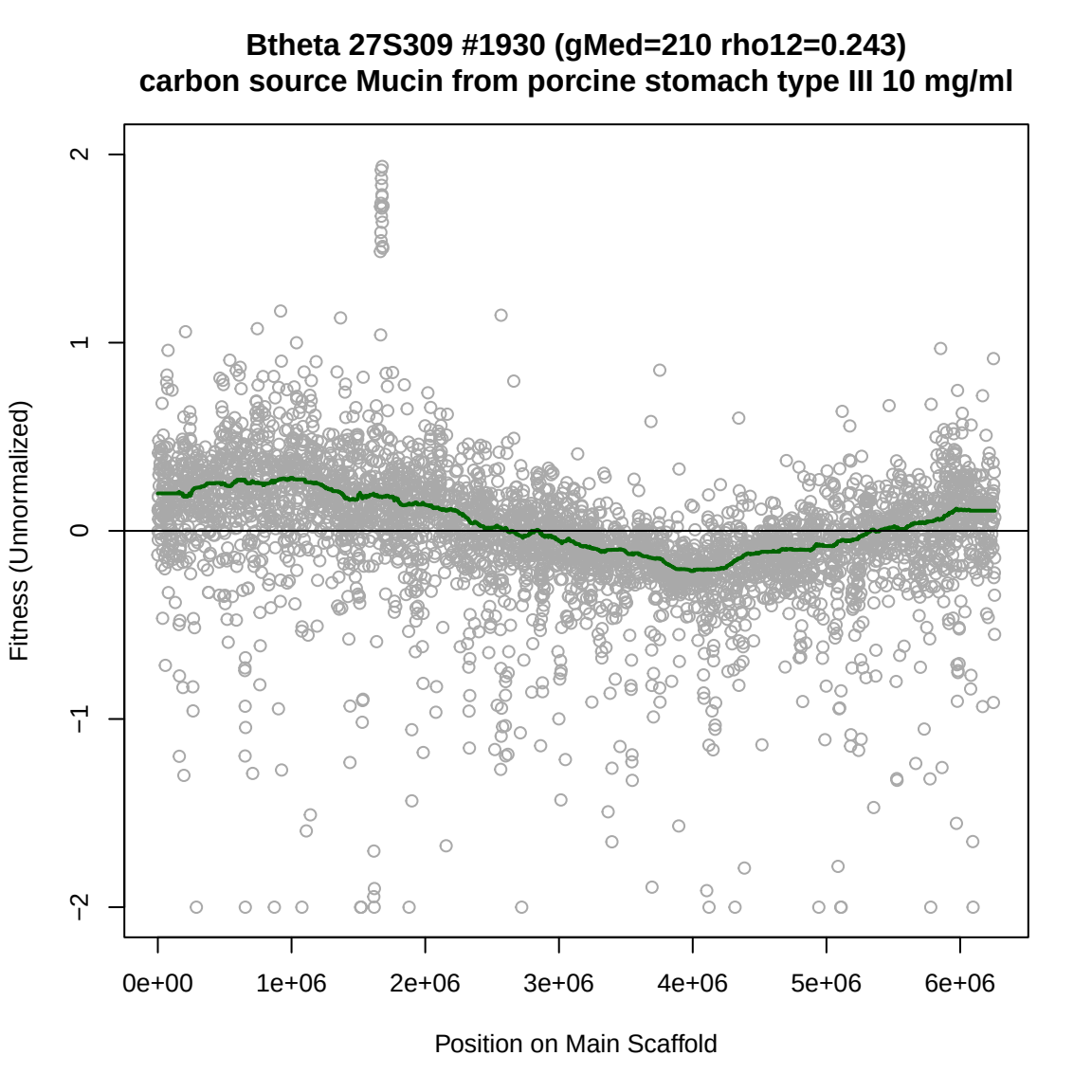

Btheta 27S302 #1925 (gMed=185 rho12=−0.020)
carbon source Gum arabic from acacia tree 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

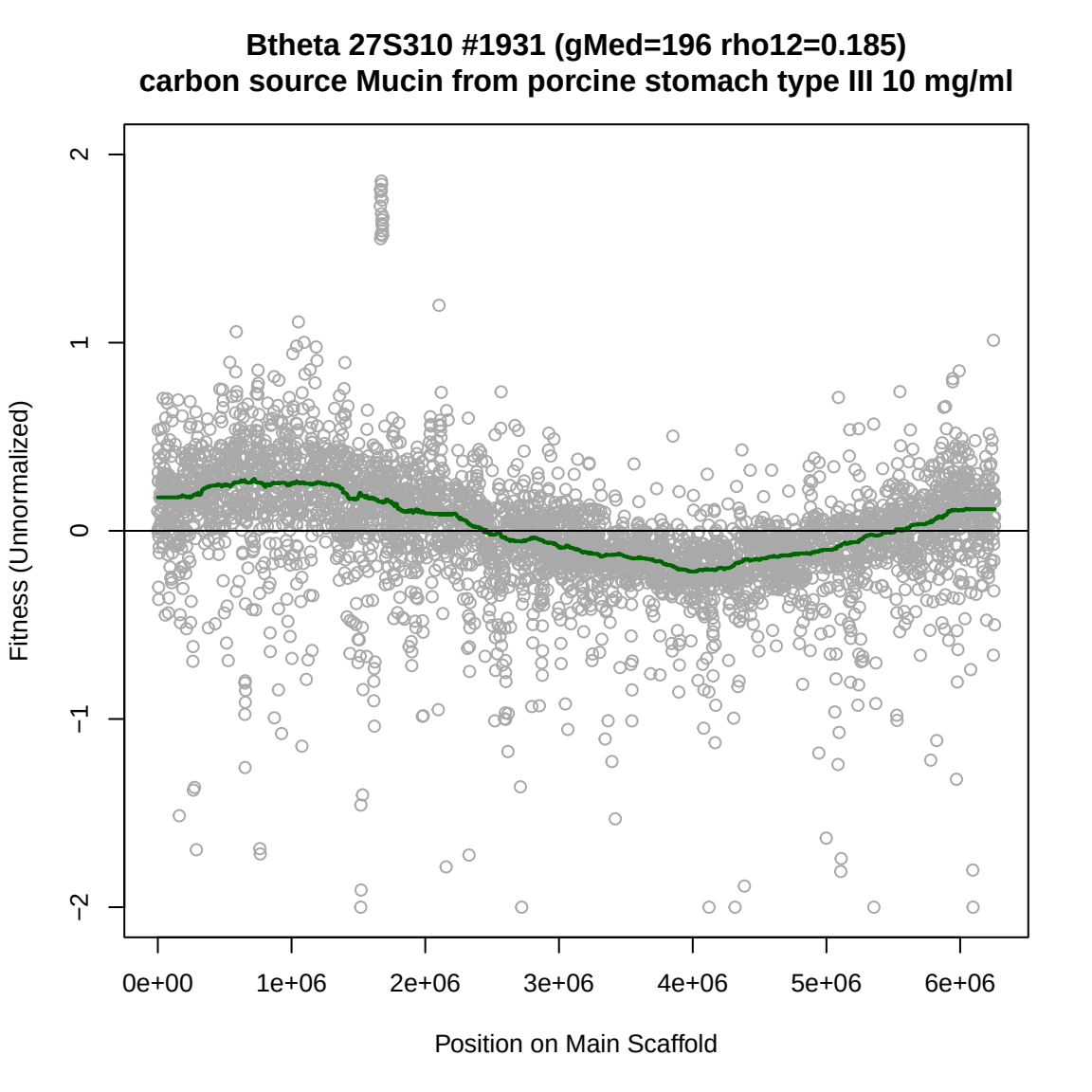

Btheta 27S304 #1926 (gMed=171 rho12=0.060)
carbon source Gum arabic from acacia tree 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

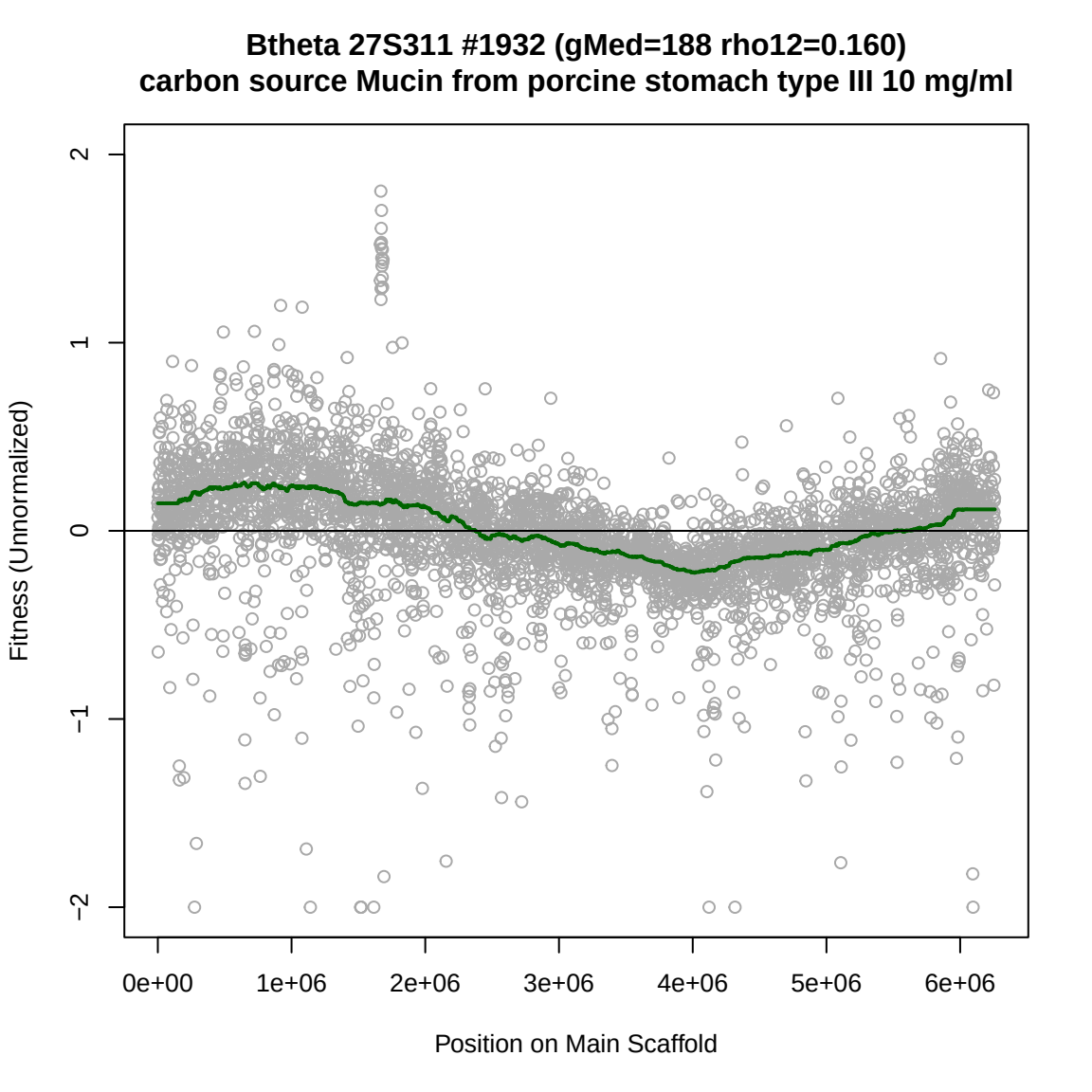

Btheta 27S305 #1927 (gMed=199 rho12=0.175)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

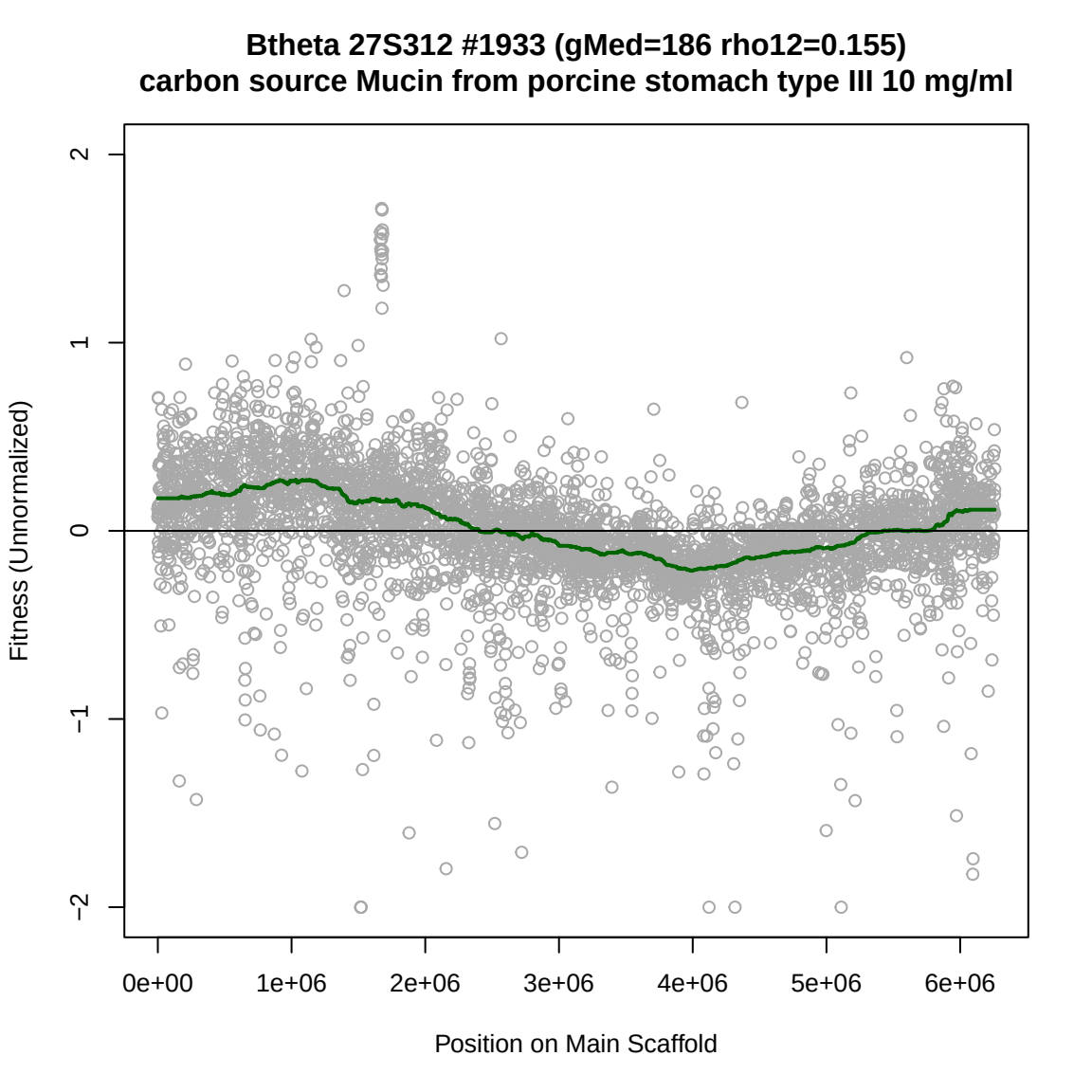

Btheta 27S307 #1928 (gMed=187 rho12=0.174)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

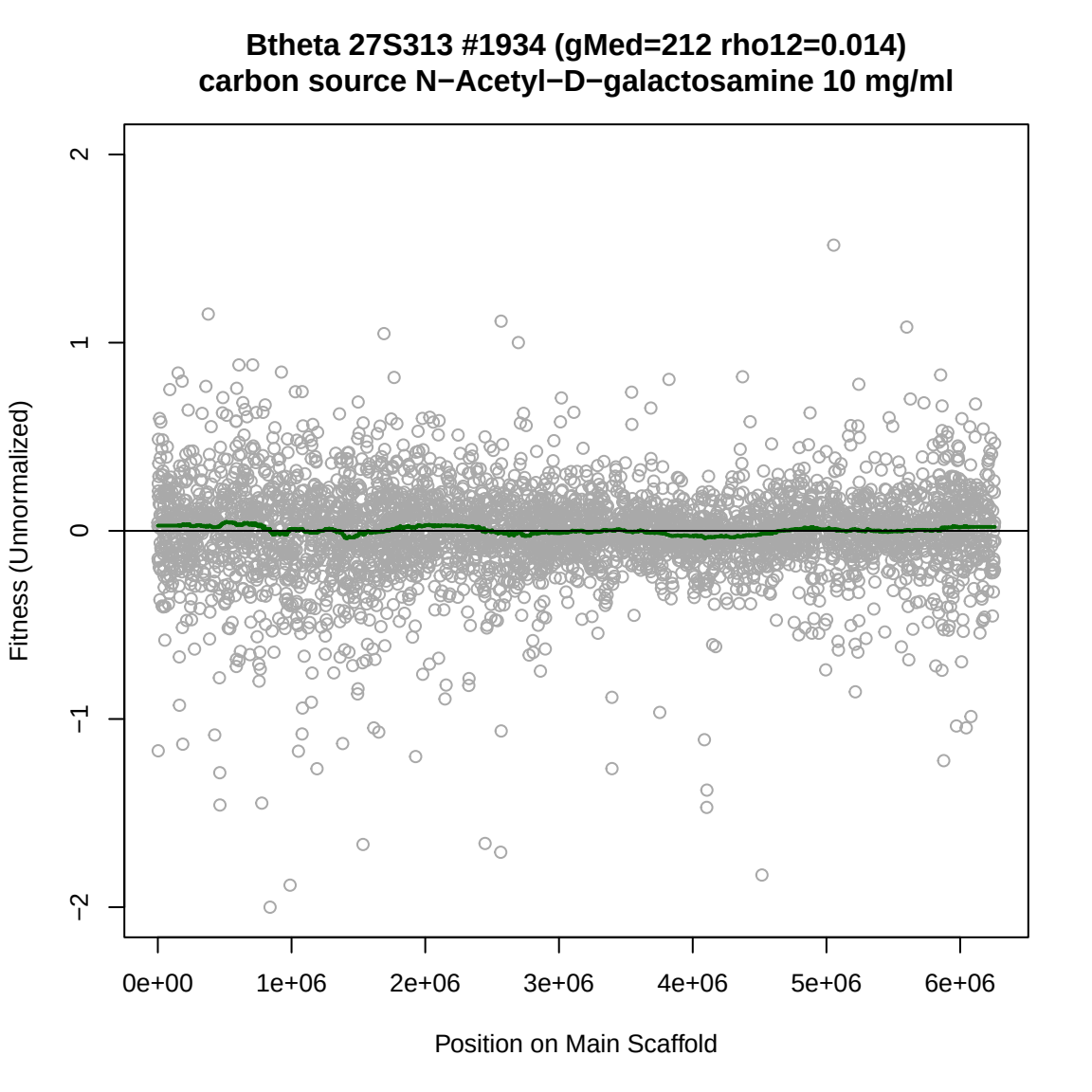

Btheta 27S308 #1929 (gMed=148 rho12=0.164)
carbon source Rhamnogalacturonan−II from apple juice concentrate 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

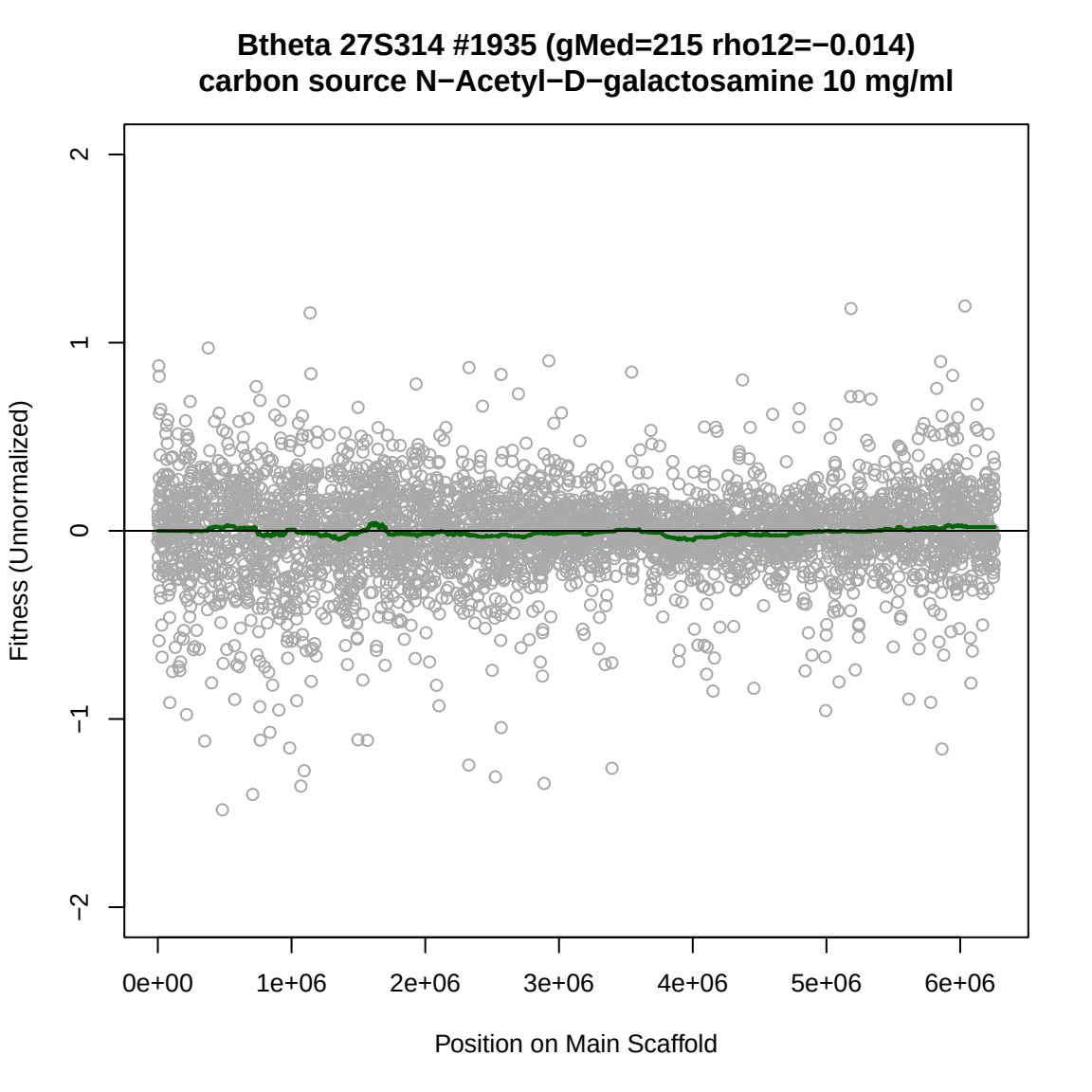

Btheta 27S309 #1930 (gMed=210 rho12=0.243)
carbon source Mucin from porcine stomach type III 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

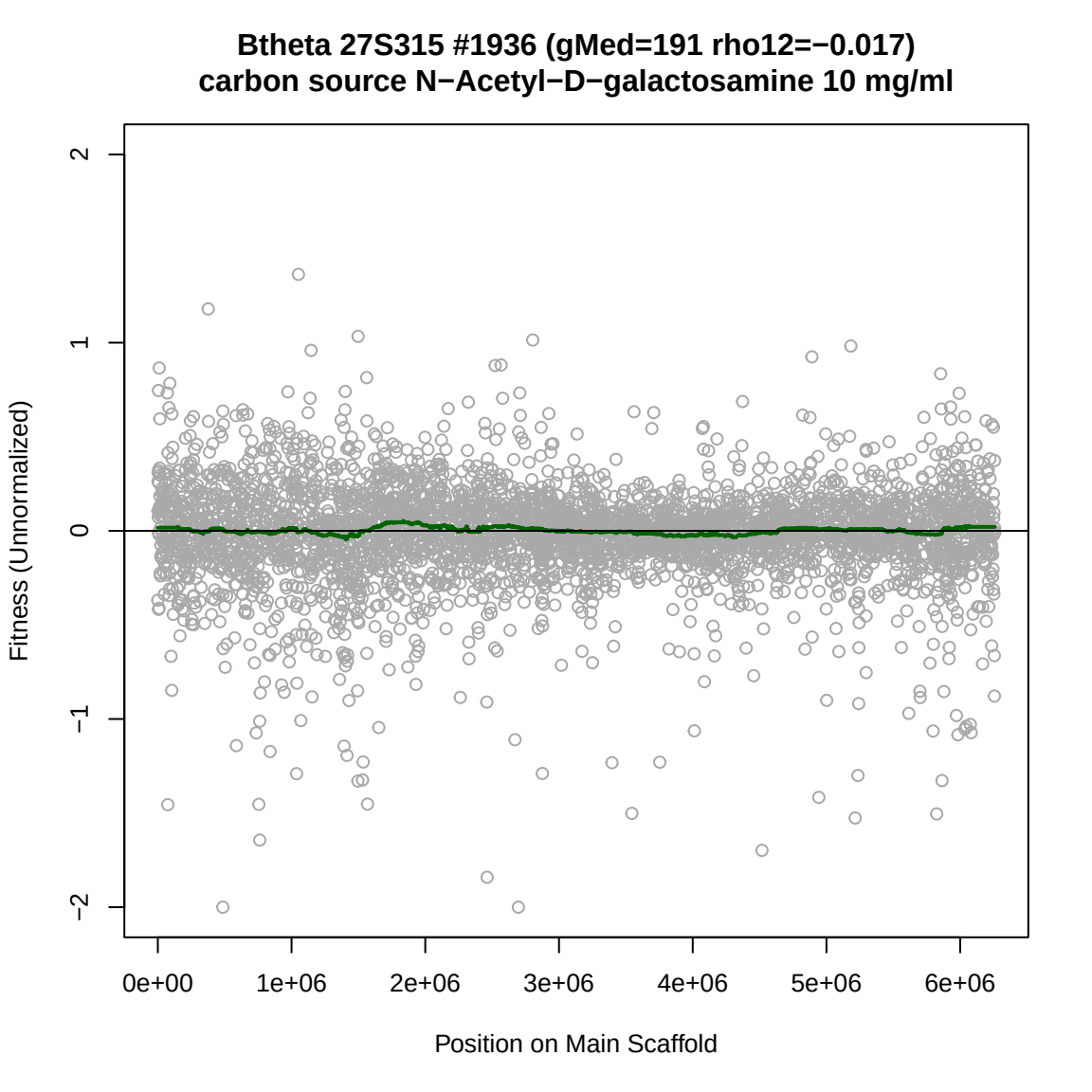

Btheta 27S310 #1931 (gMed=196 rho12=0.185)
carbon source Mucin from porcine stomach type III 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

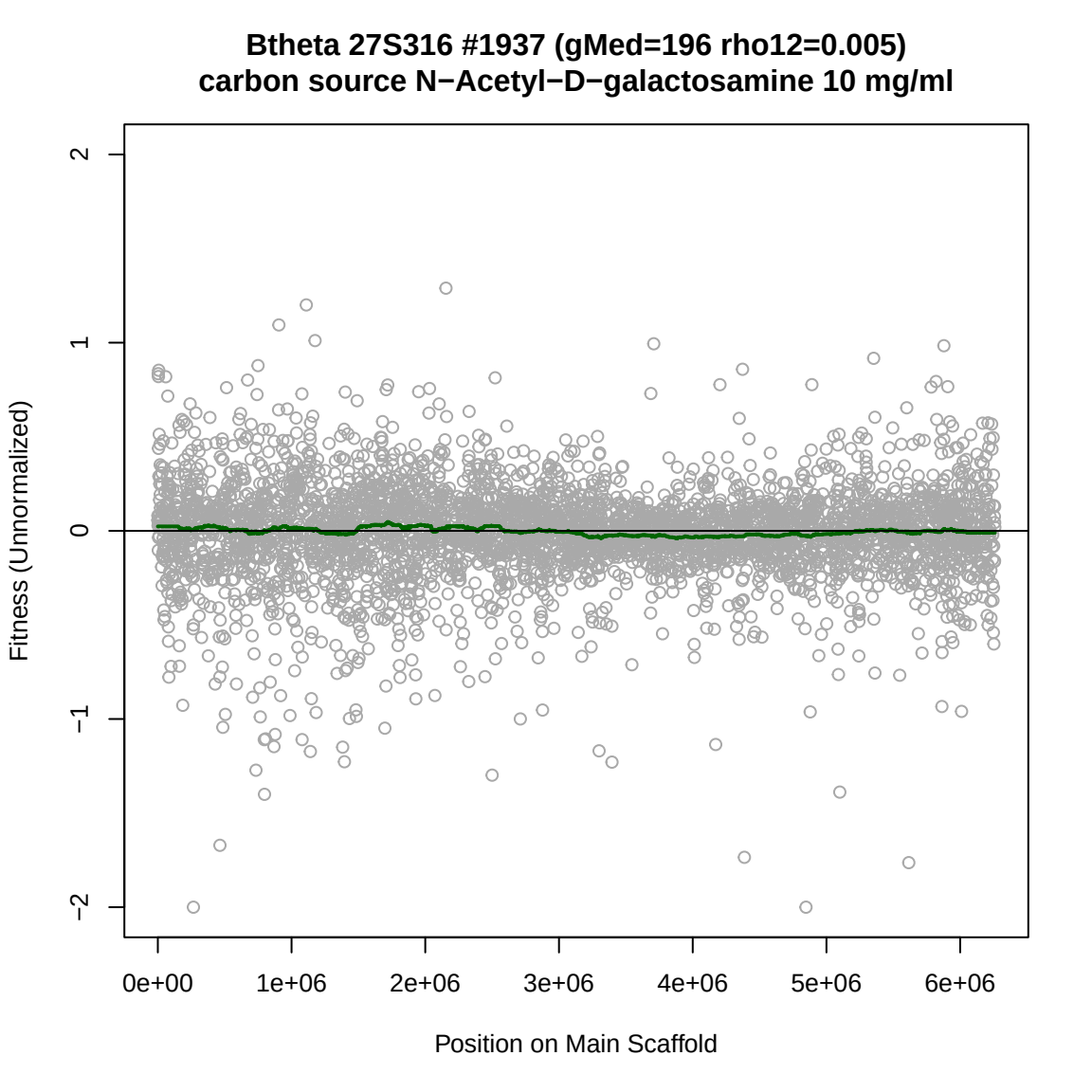

Btheta 27S311 #1932 (gMed=188 rho12=0.160)
carbon source Mucin from porcine stomach type III 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

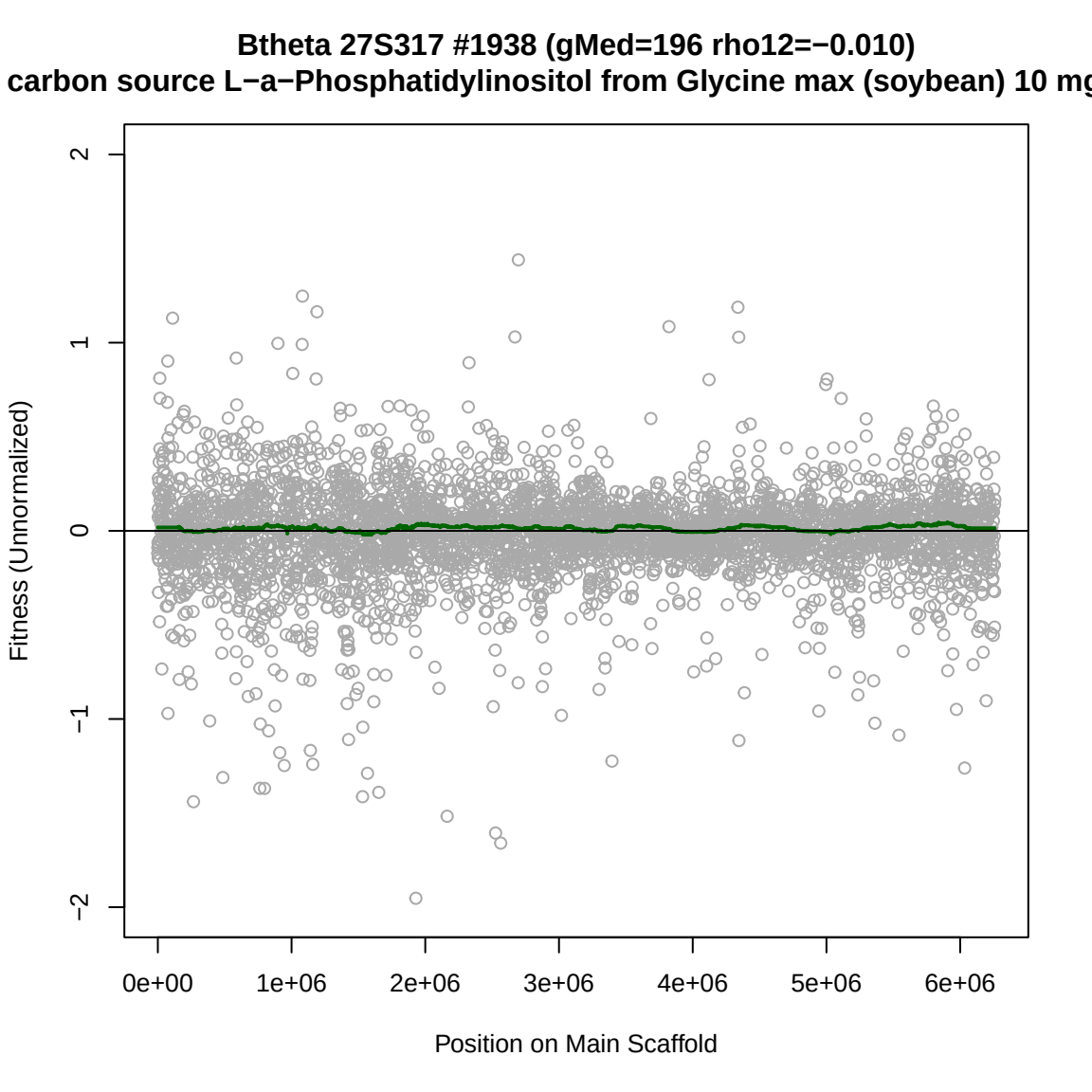

Btheta 27S312 #1933 (gMed=186 rho12=0.155)
carbon source Mucin from porcine stomach type III 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

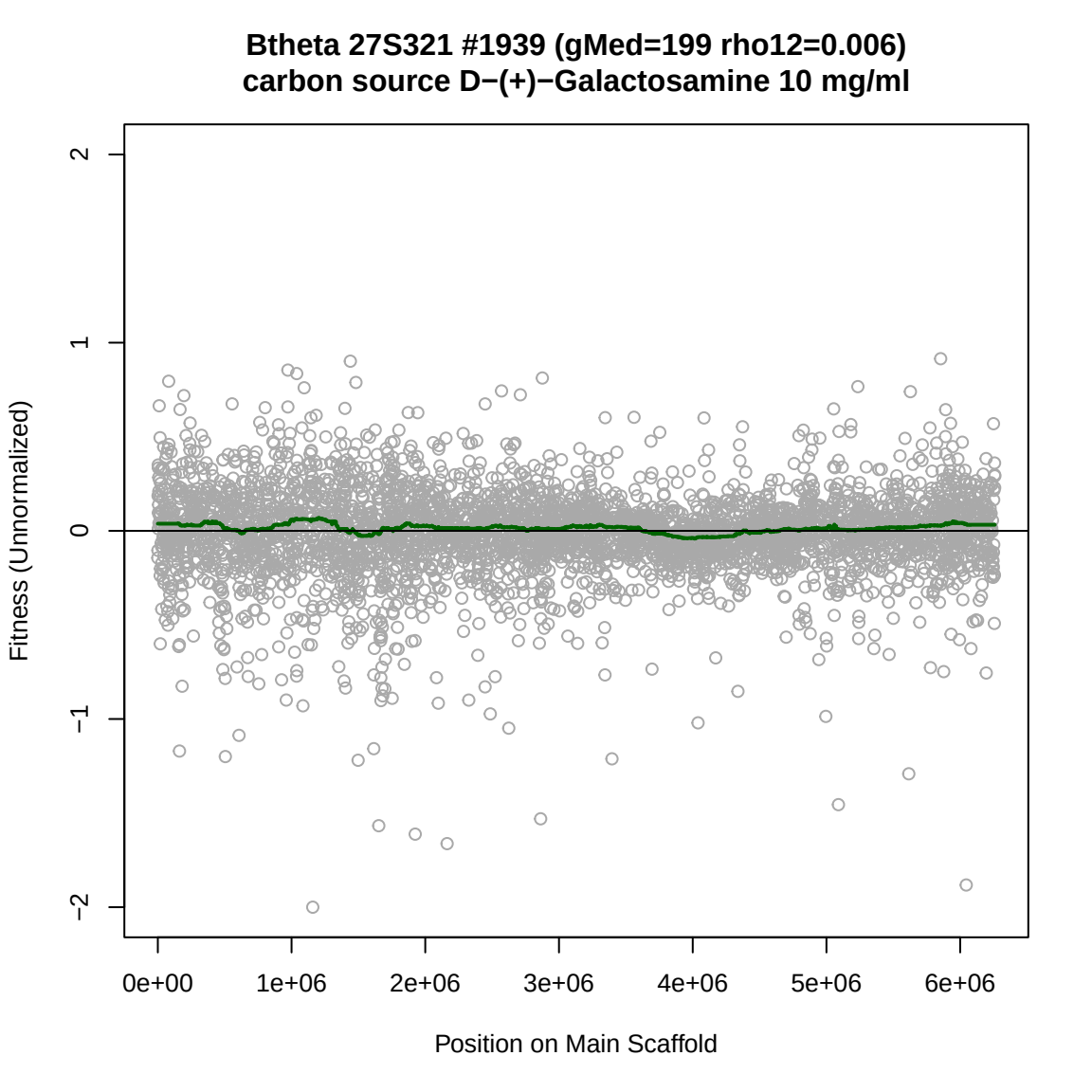

Btheta 27S313 #1934 (gMed=212 rho12=0.014)
carbon source N−Acetyl−D−galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

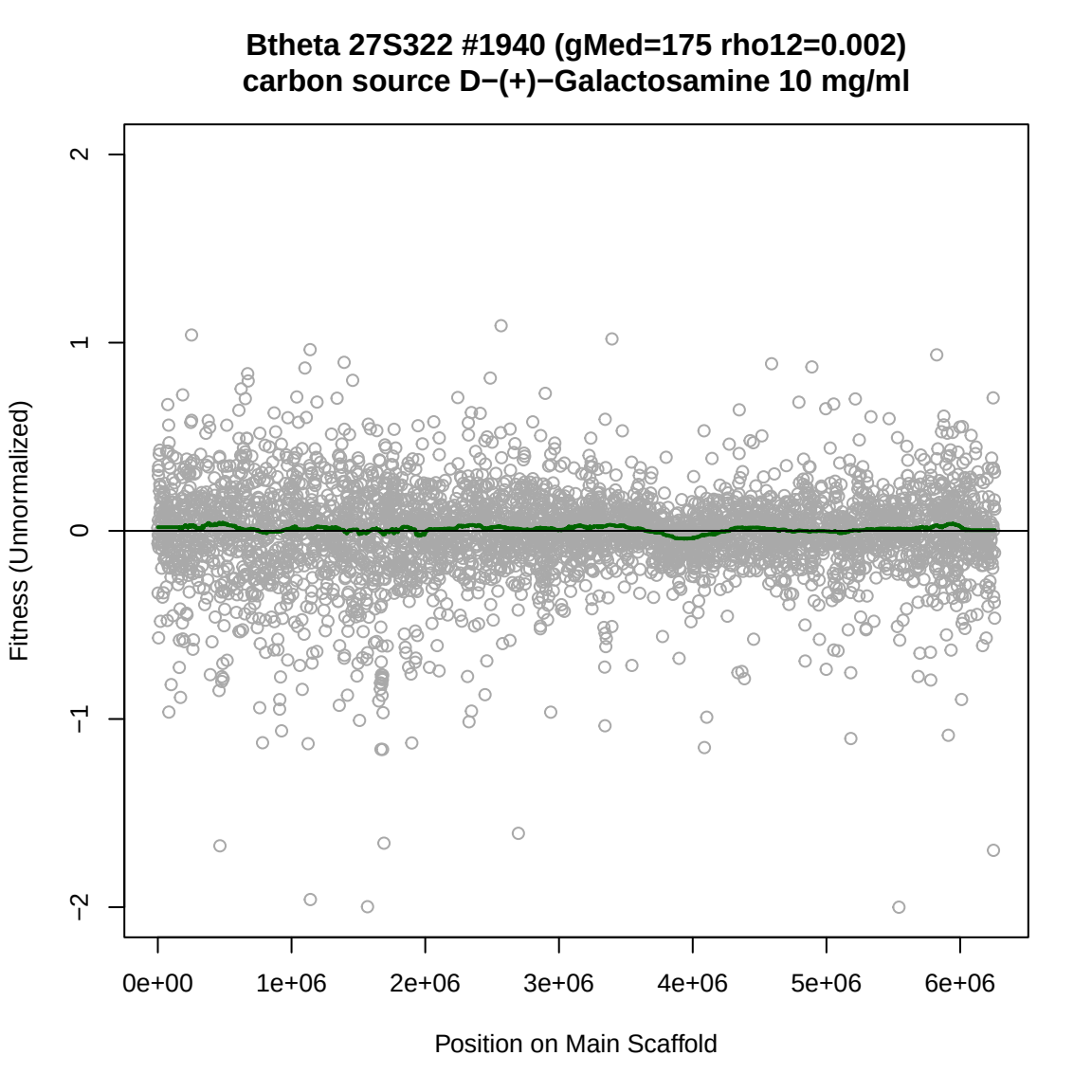

Btheta 27S314 #1935 (gMed=215 rho12=−0.014)
carbon source N−Acetyl−D−galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

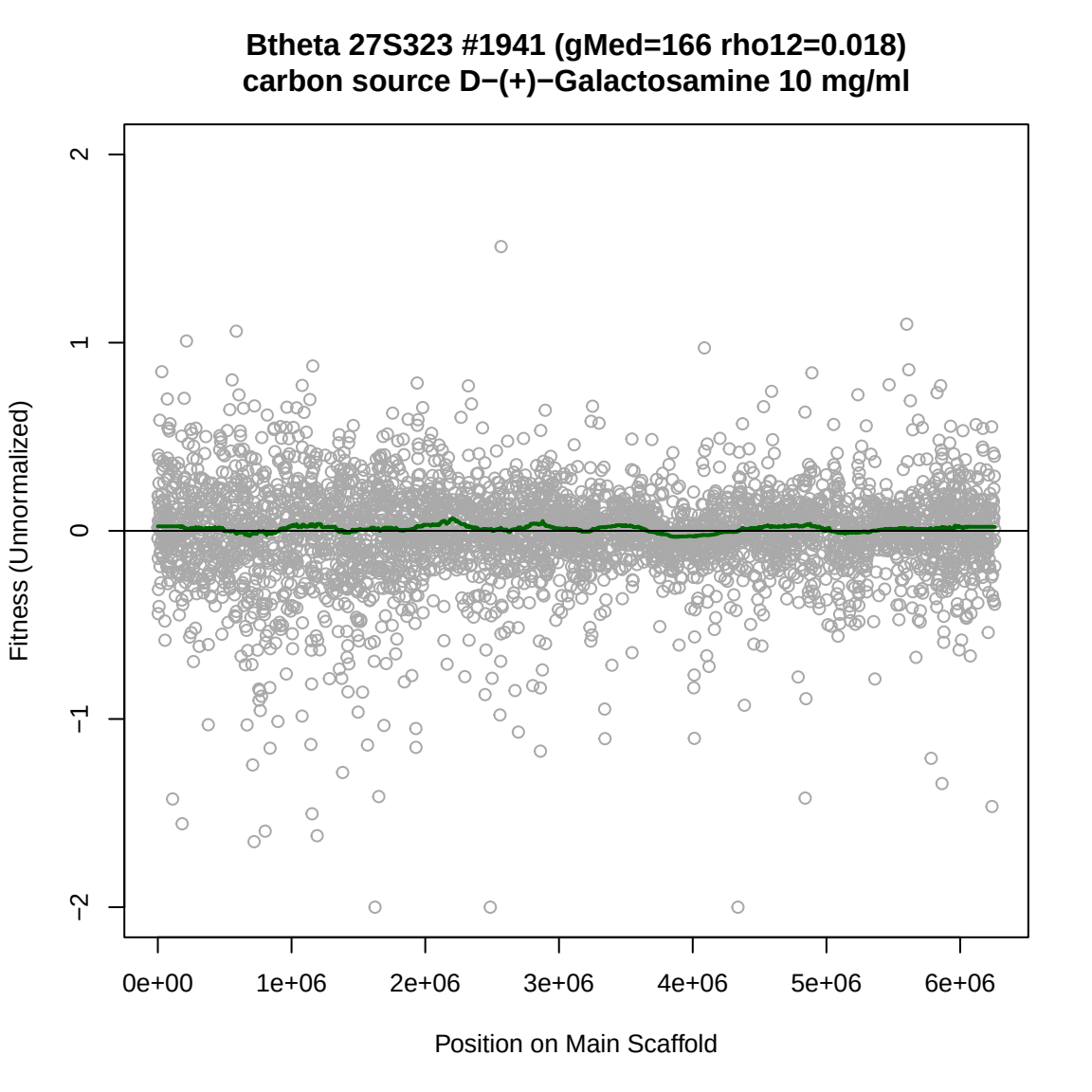

Btheta 27S315 #1936 (gMed=191 rho12=−0.017)
carbon source N−Acetyl−D−galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

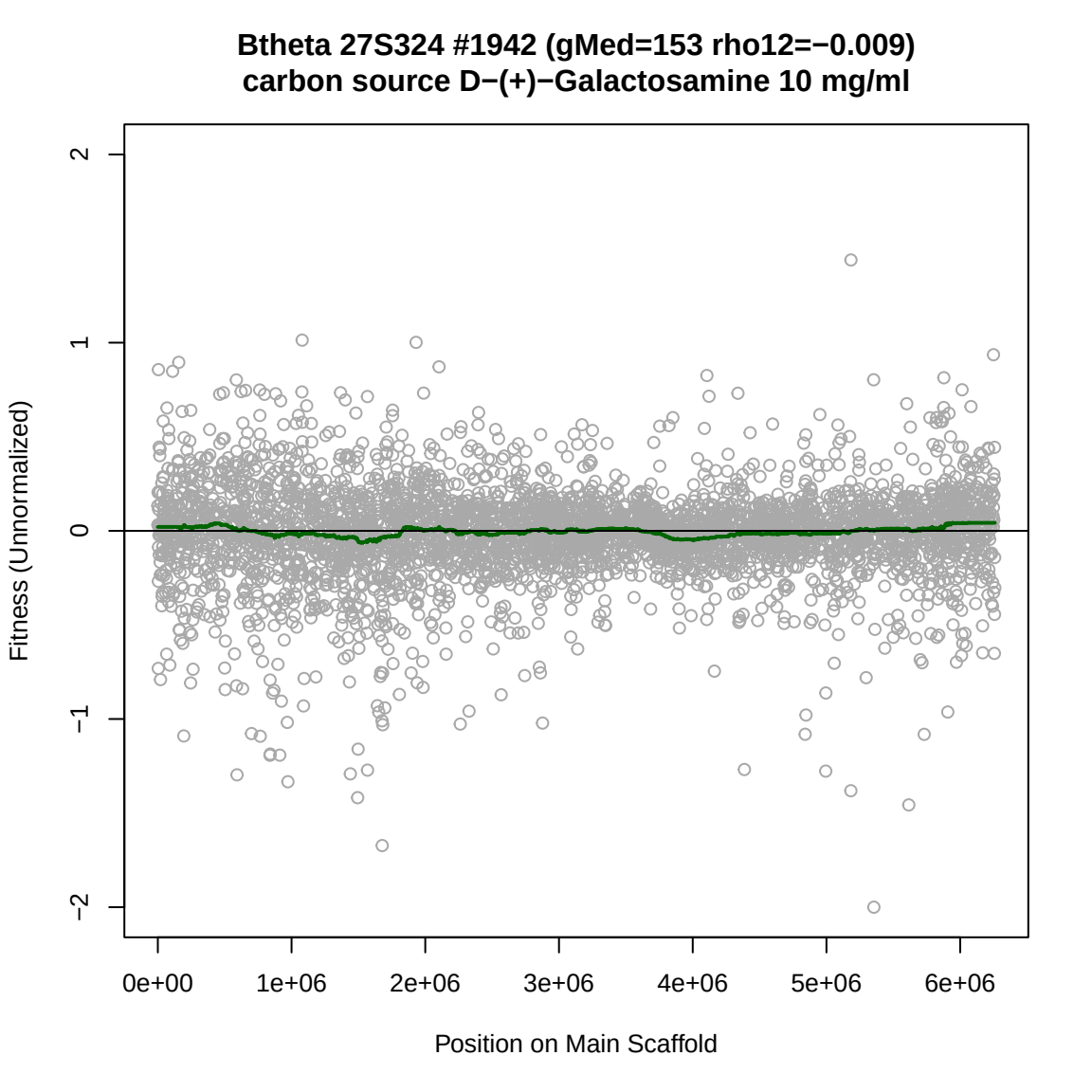

Btheta 27S316 #1937 (gMed=196 rho12=0.005)
carbon source N−Acetyl−D−galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

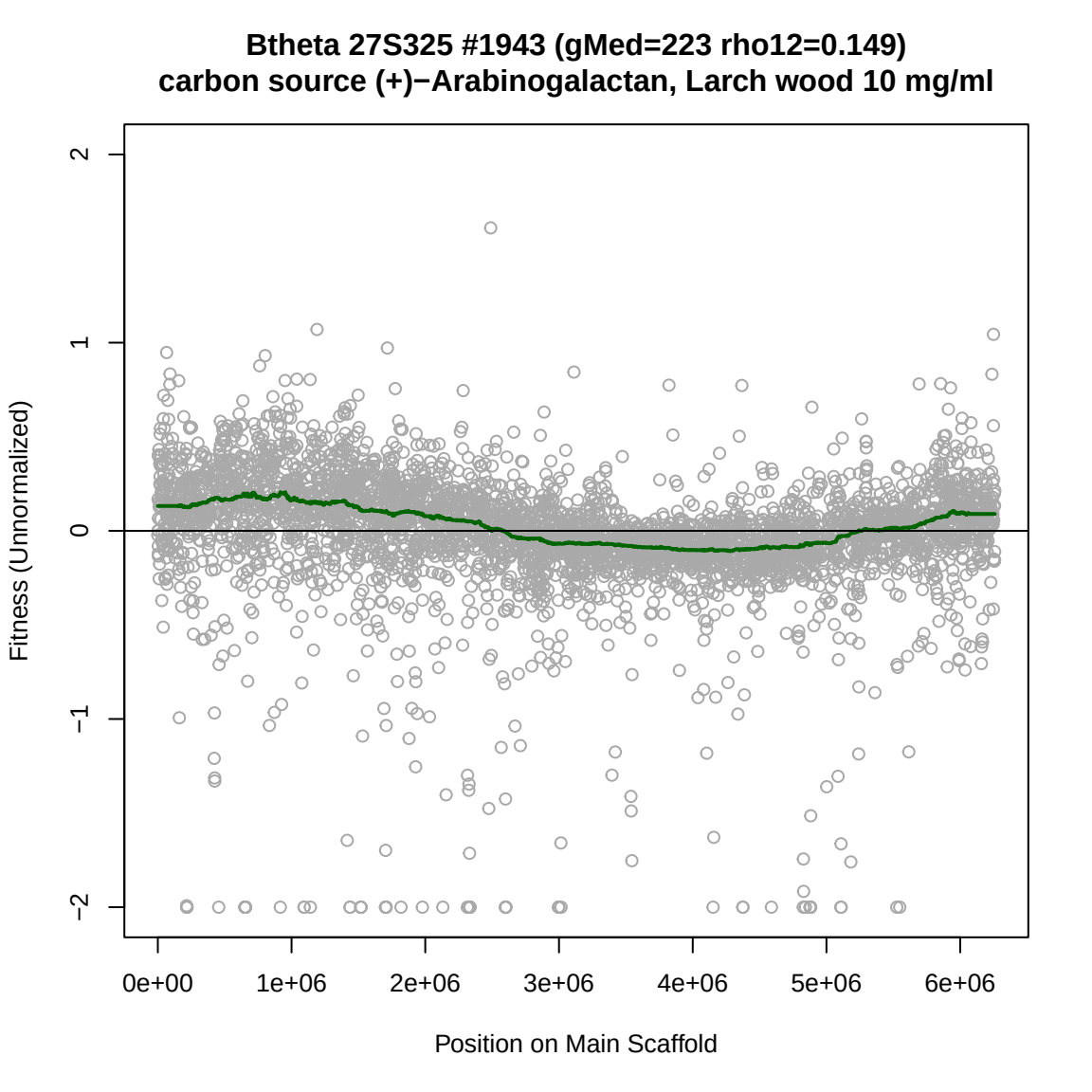

Btheta 27S317 #1938 (gMed=196 rho12=−0.010)
carbon source L−a−Phosphatidylinositol from Glycine max (soybean) 10 mg
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

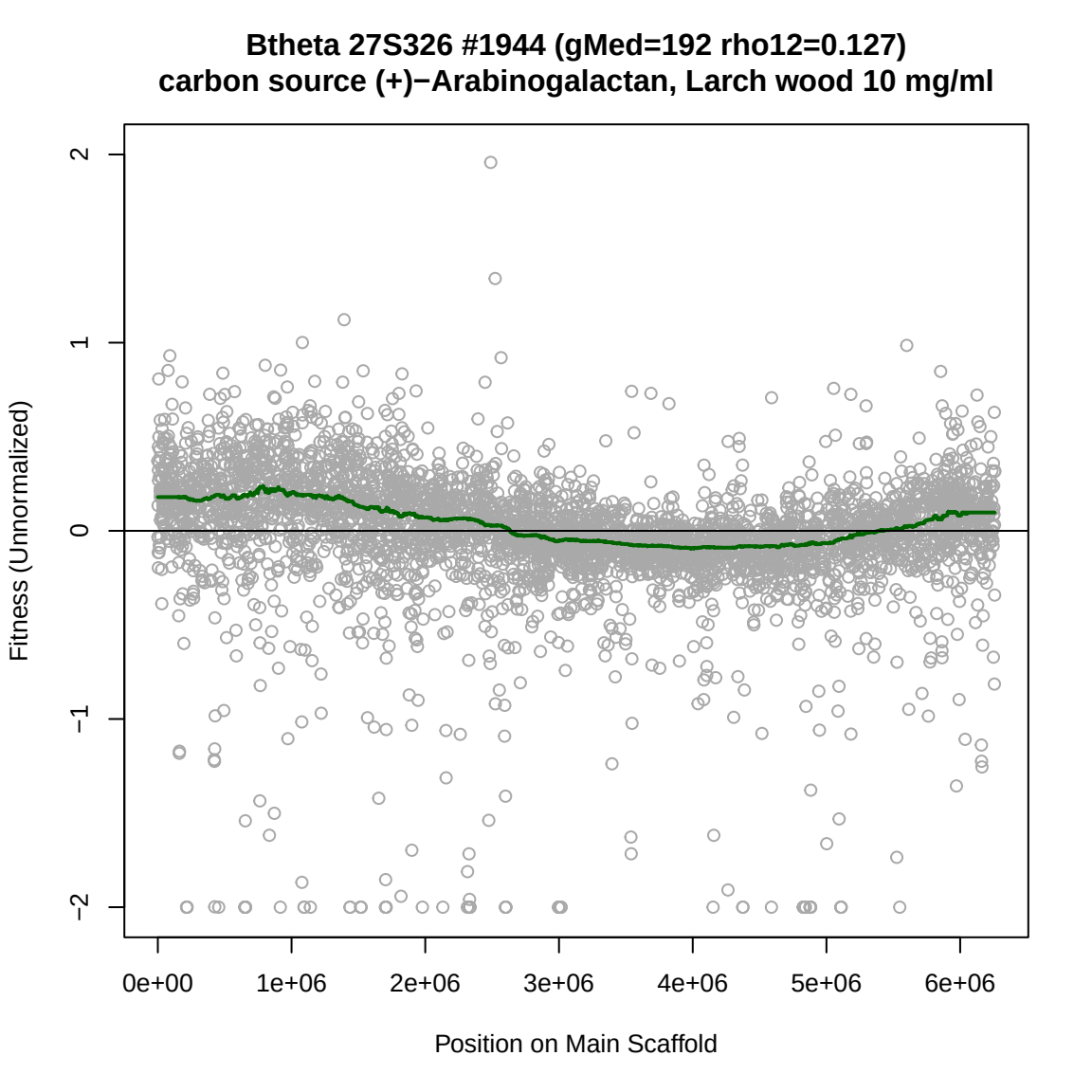

Btheta 27S321 #1939 (gMed=199 rho12=0.006)
carbon source D−(+)−Galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

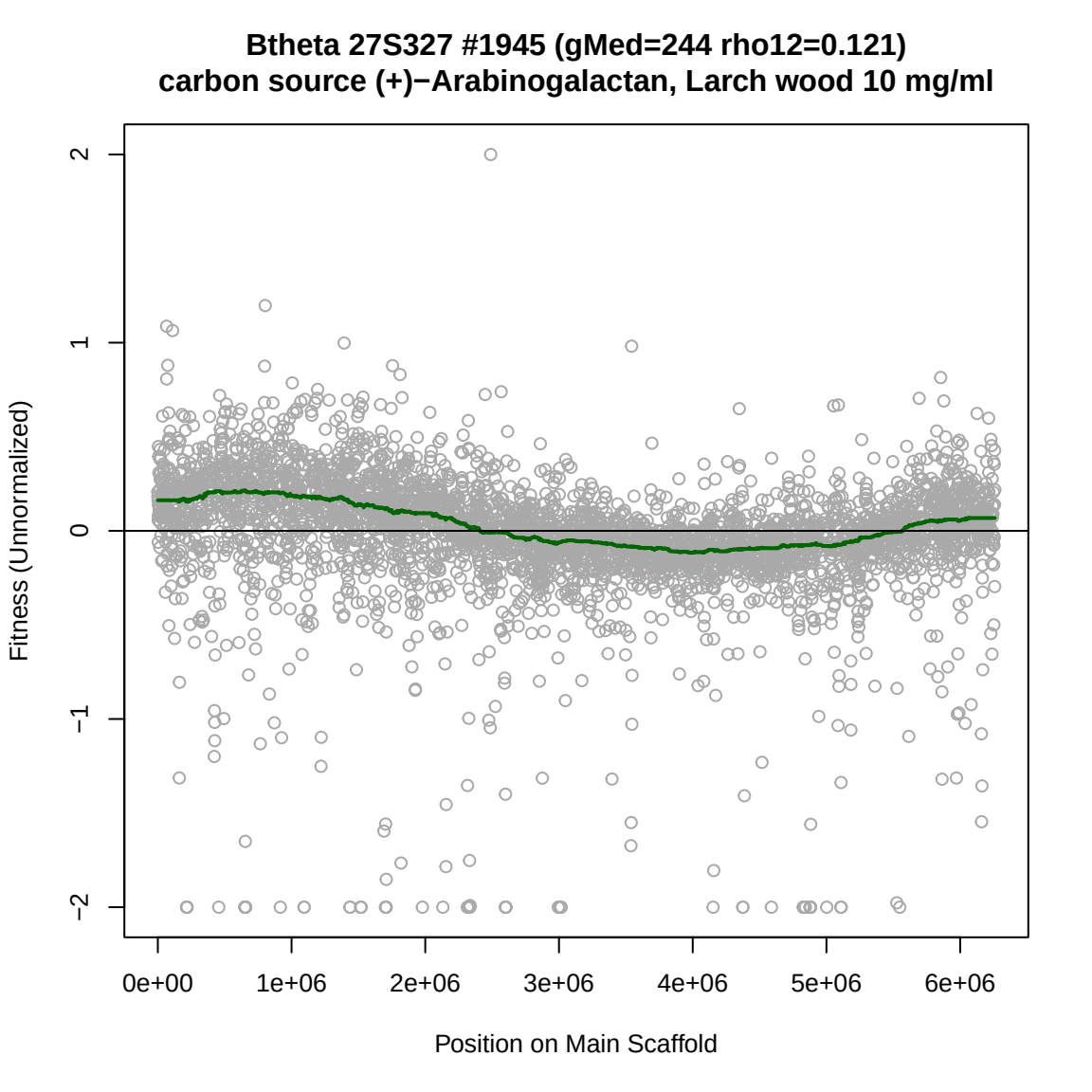

Btheta 27S322 #1940 (gMed=175 rho12=0.002)
carbon source D−(+)−Galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

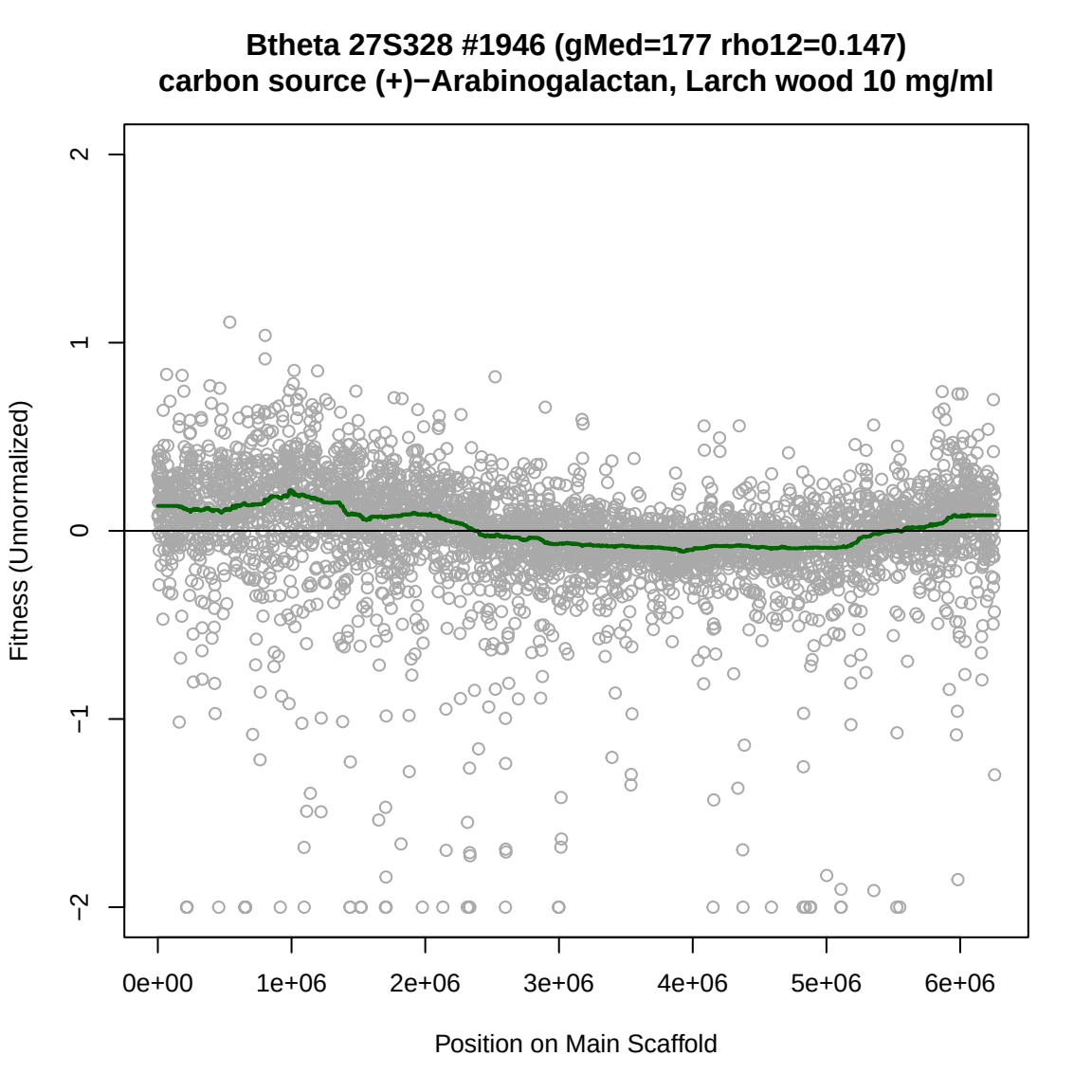

Btheta 27S323 #1941 (gMed=166 rho12=0.018)
carbon source D−(+)−Galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

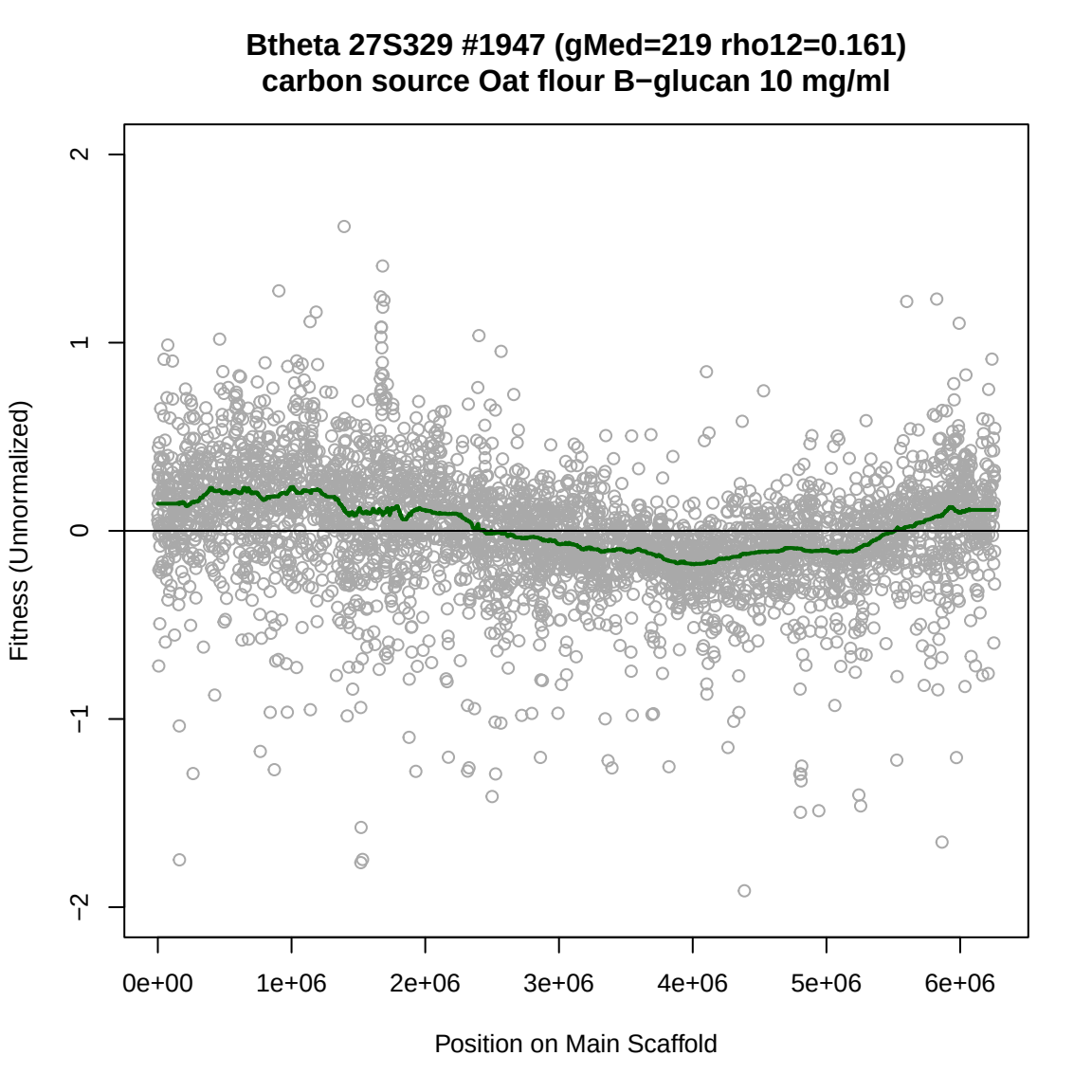

Btheta 27S324 #1942 (gMed=153 rho12=−0.009)
carbon source D−(+)−Galactosamine 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

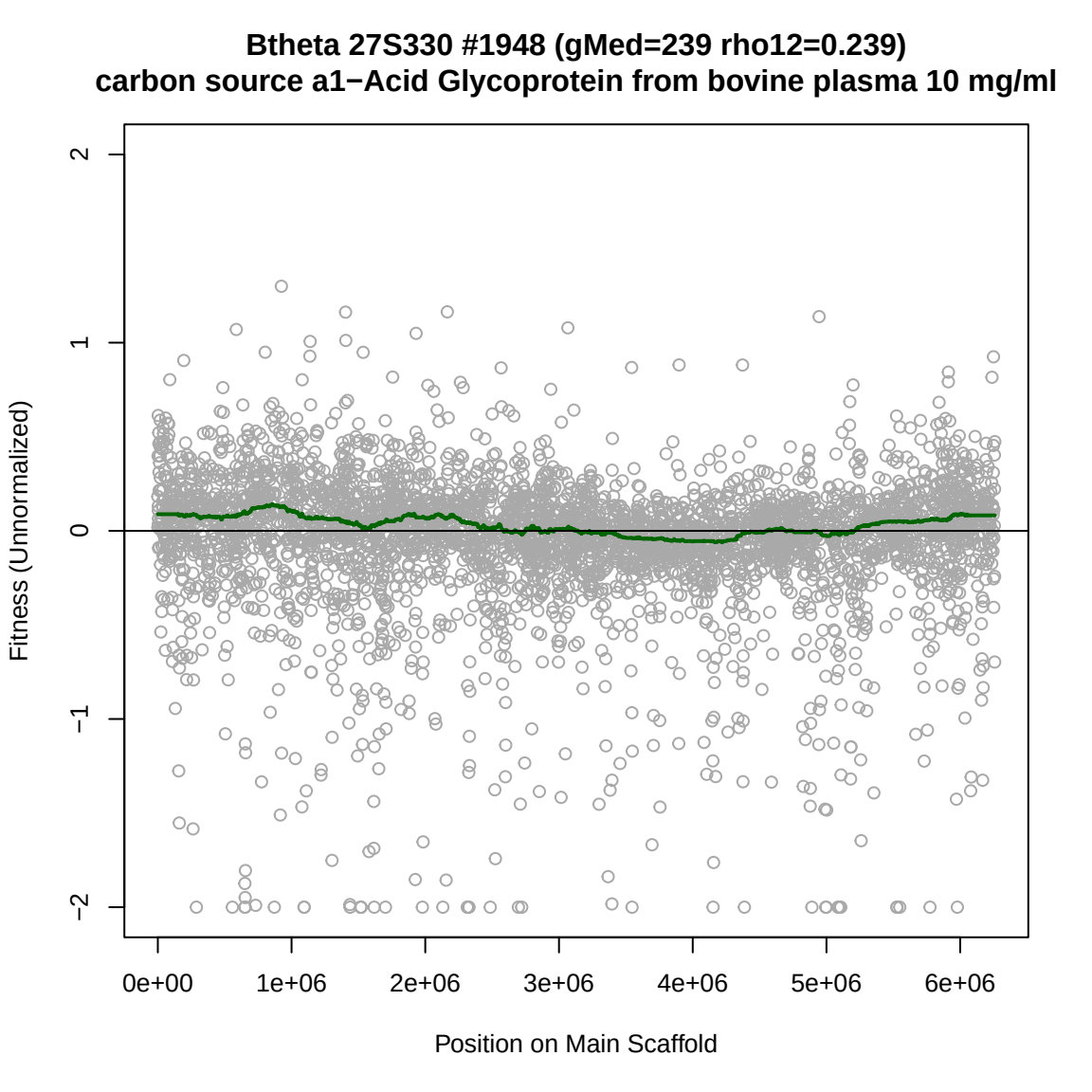

Btheta 27S325 #1943 (gMed=223 rho12=0.149)
carbon source (+)−Arabinogalactan, Larch wood 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

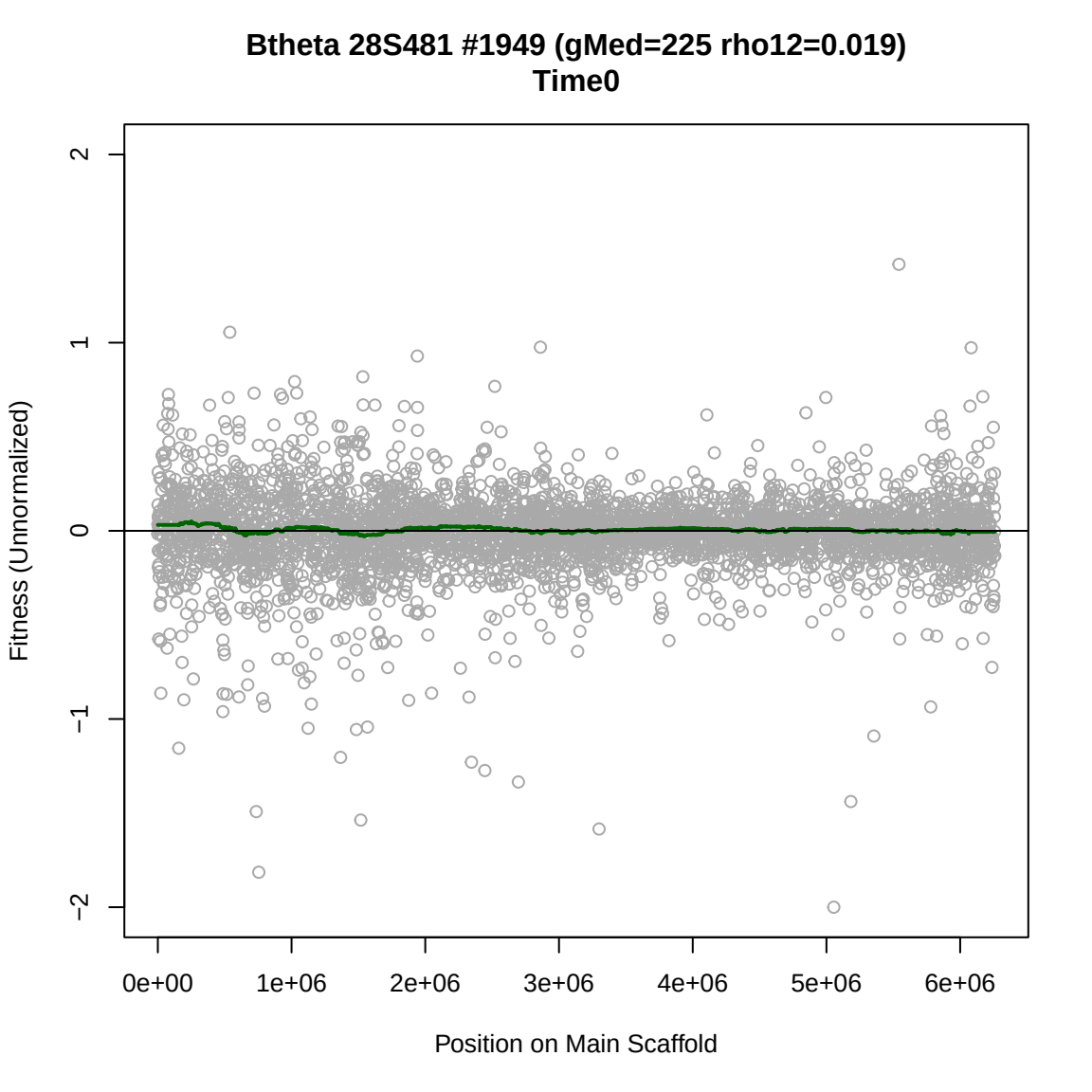

Btheta 27S326 #1944 (gMed=192 rho12=0.127)
carbon source (+)−Arabinogalactan, Larch wood 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

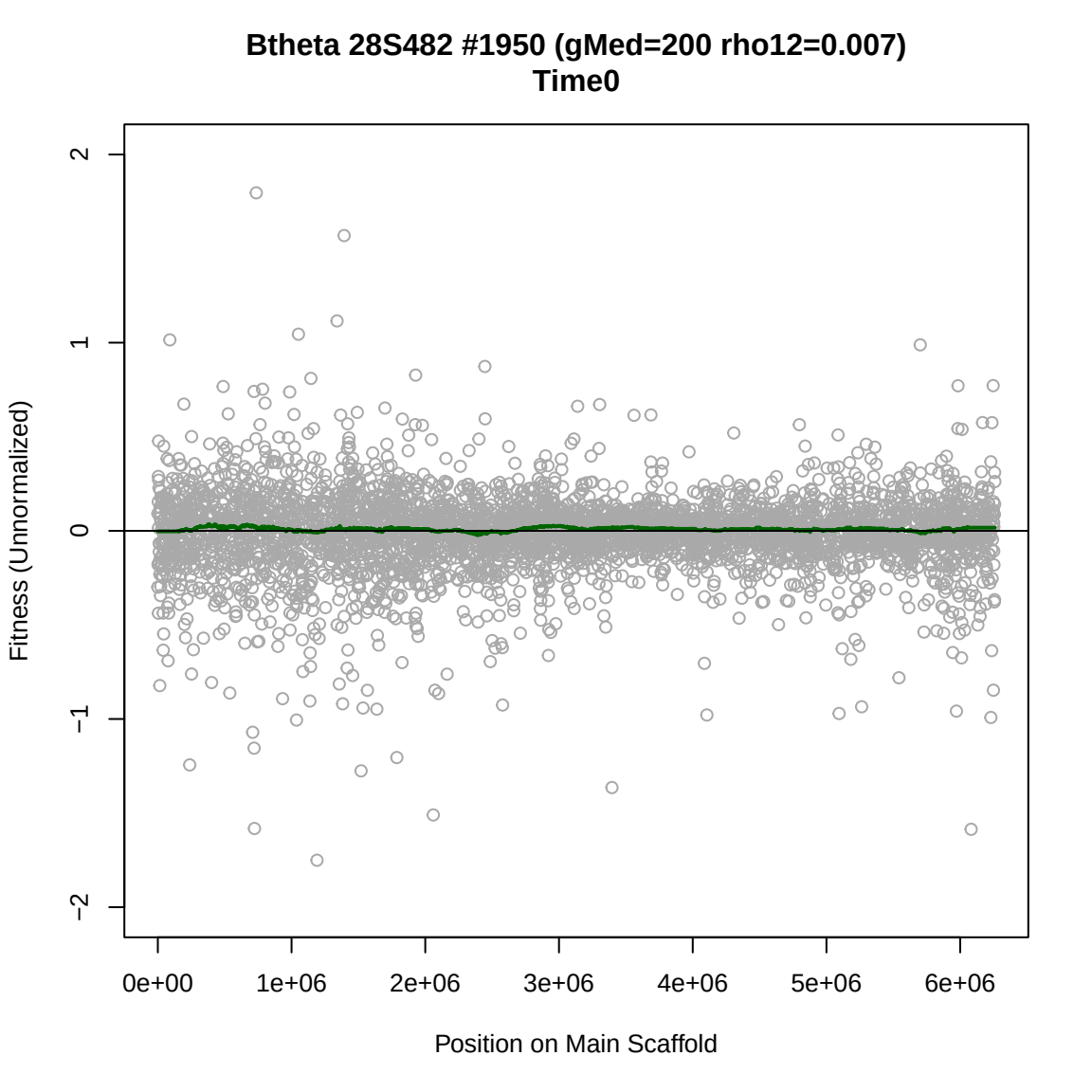

Btheta 27S327 #1945 (gMed=244 rho12=0.121)
carbon source (+)−Arabinogalactan, Larch wood 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

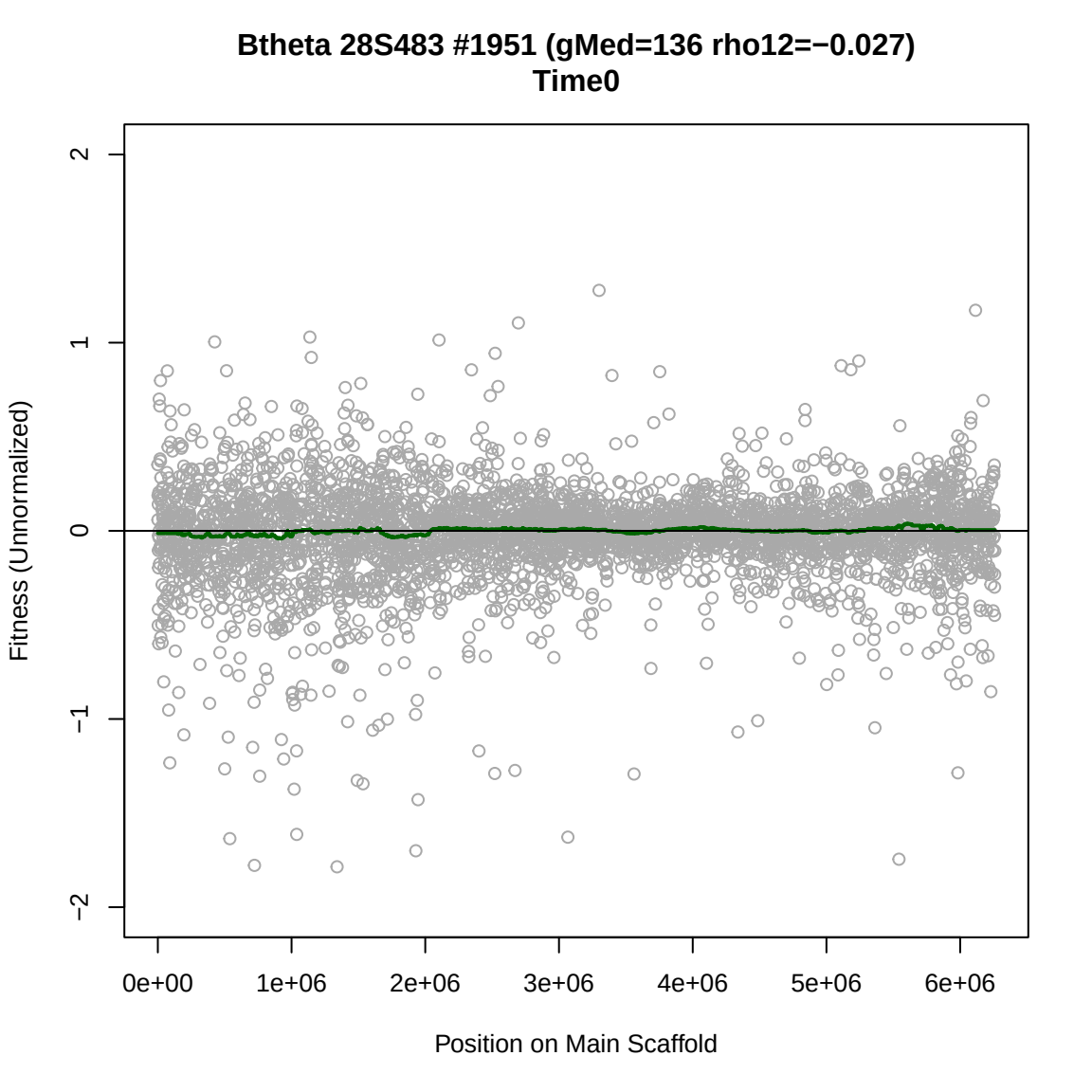

Btheta 27S328 #1946 (gMed=177 rho12=0.147)
carbon source (+)−Arabinogalactan, Larch wood 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

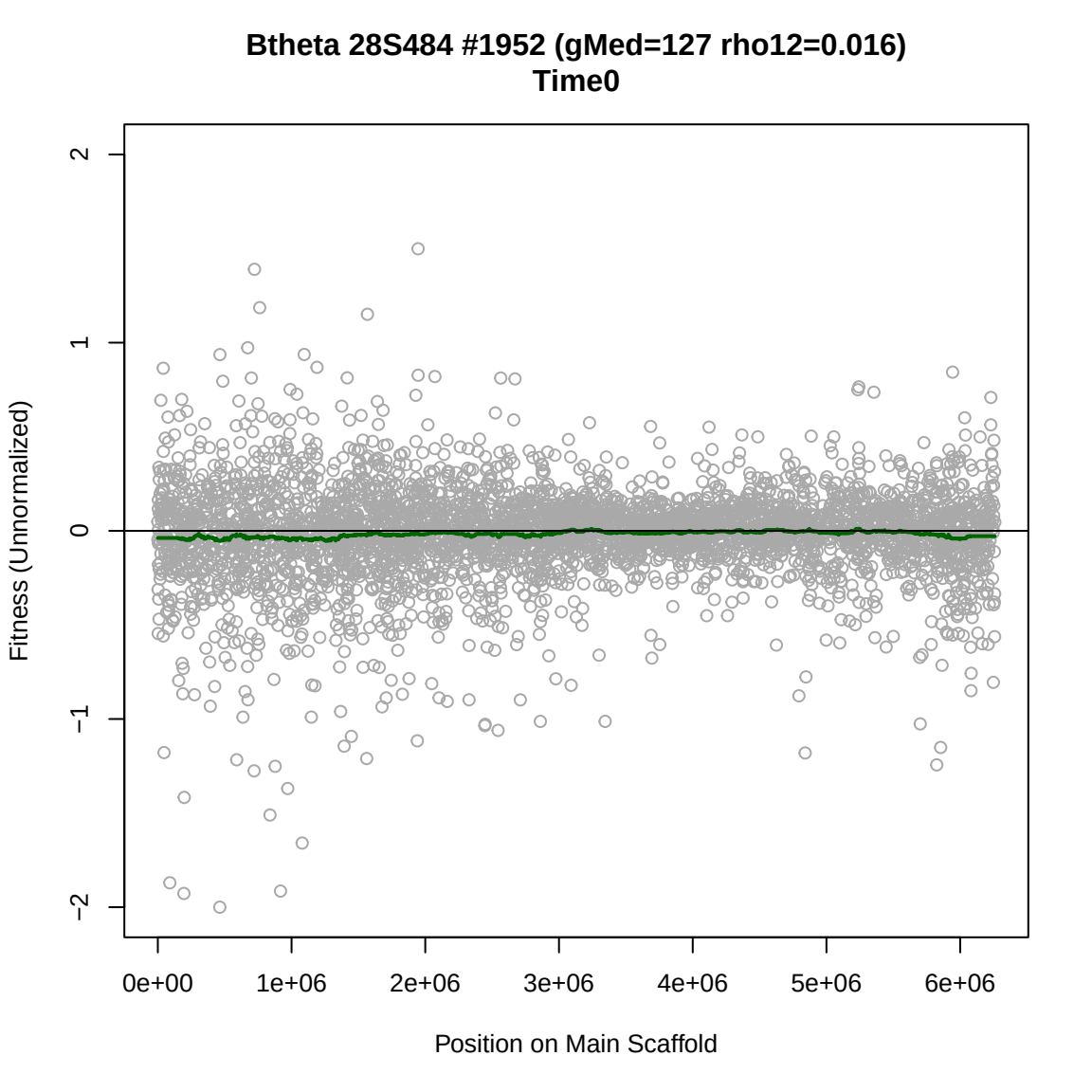

Btheta 27S329 #1947 (gMed=219 rho12=0.161)
carbon source Oat flour B−glucan 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

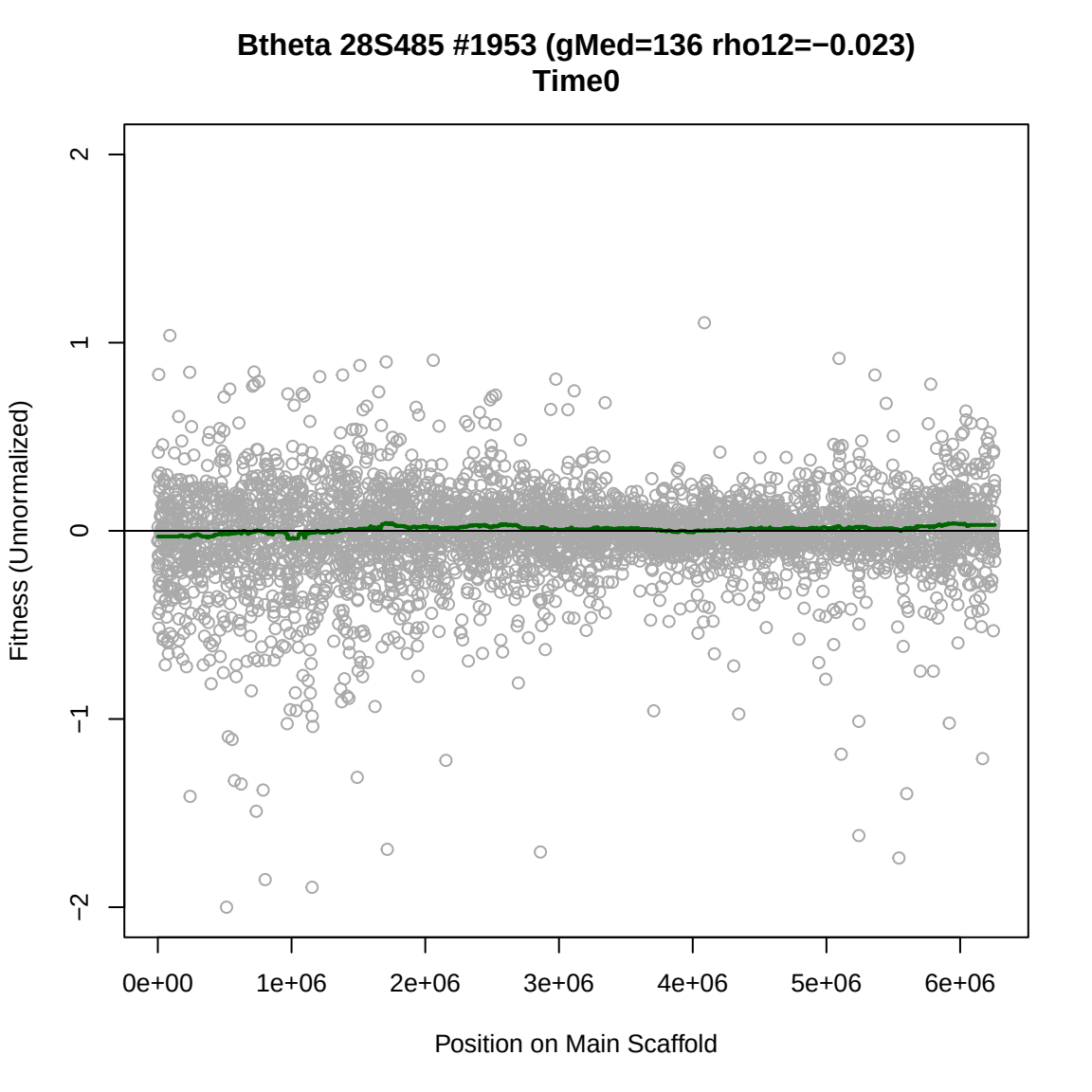

Btheta 27S330 #1948 (gMed=239 rho12=0.239)
carbon source a1−Acid Glycoprotein from bovine plasma 10 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

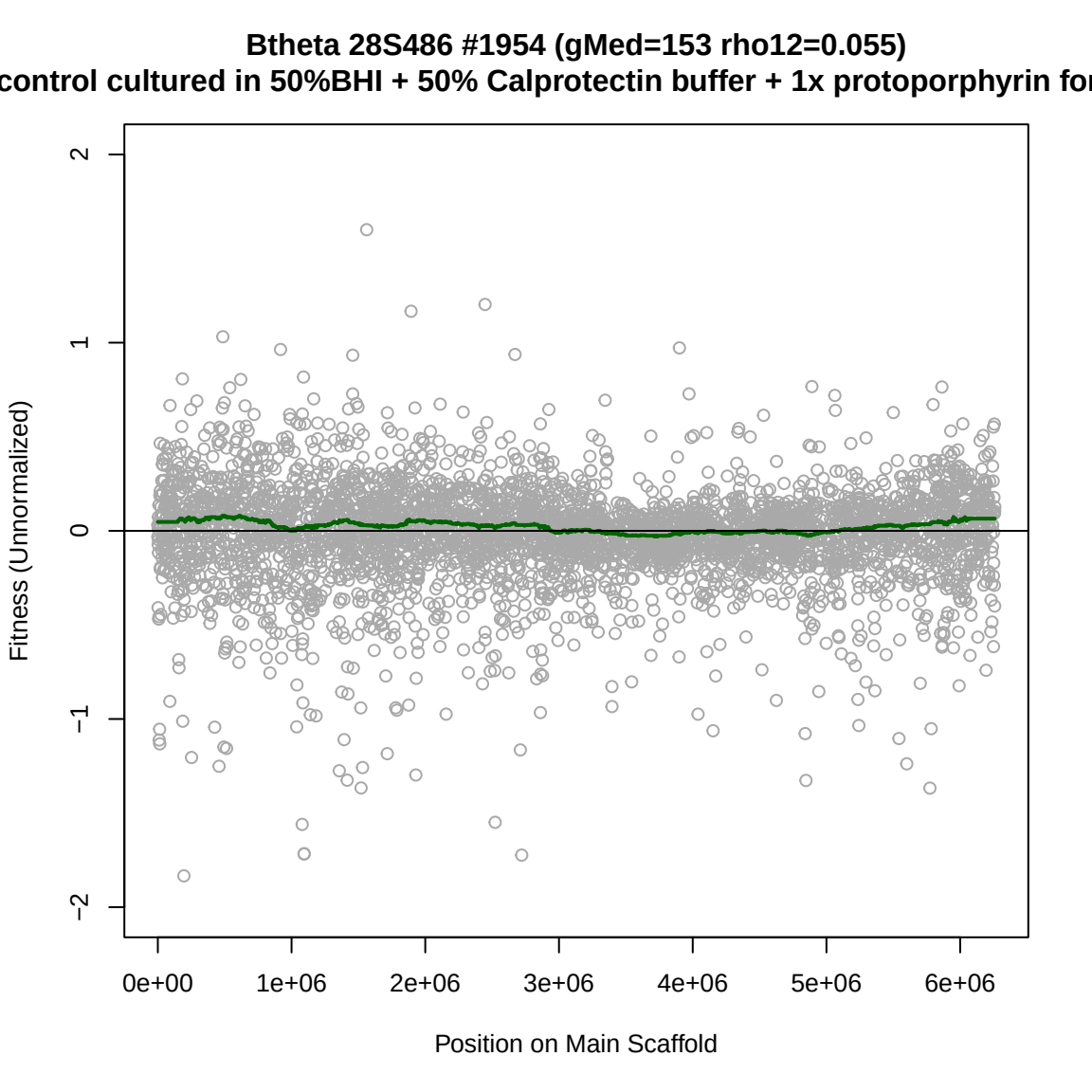

Btheta 28S481 #1949 (gMed=225 rho12=0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

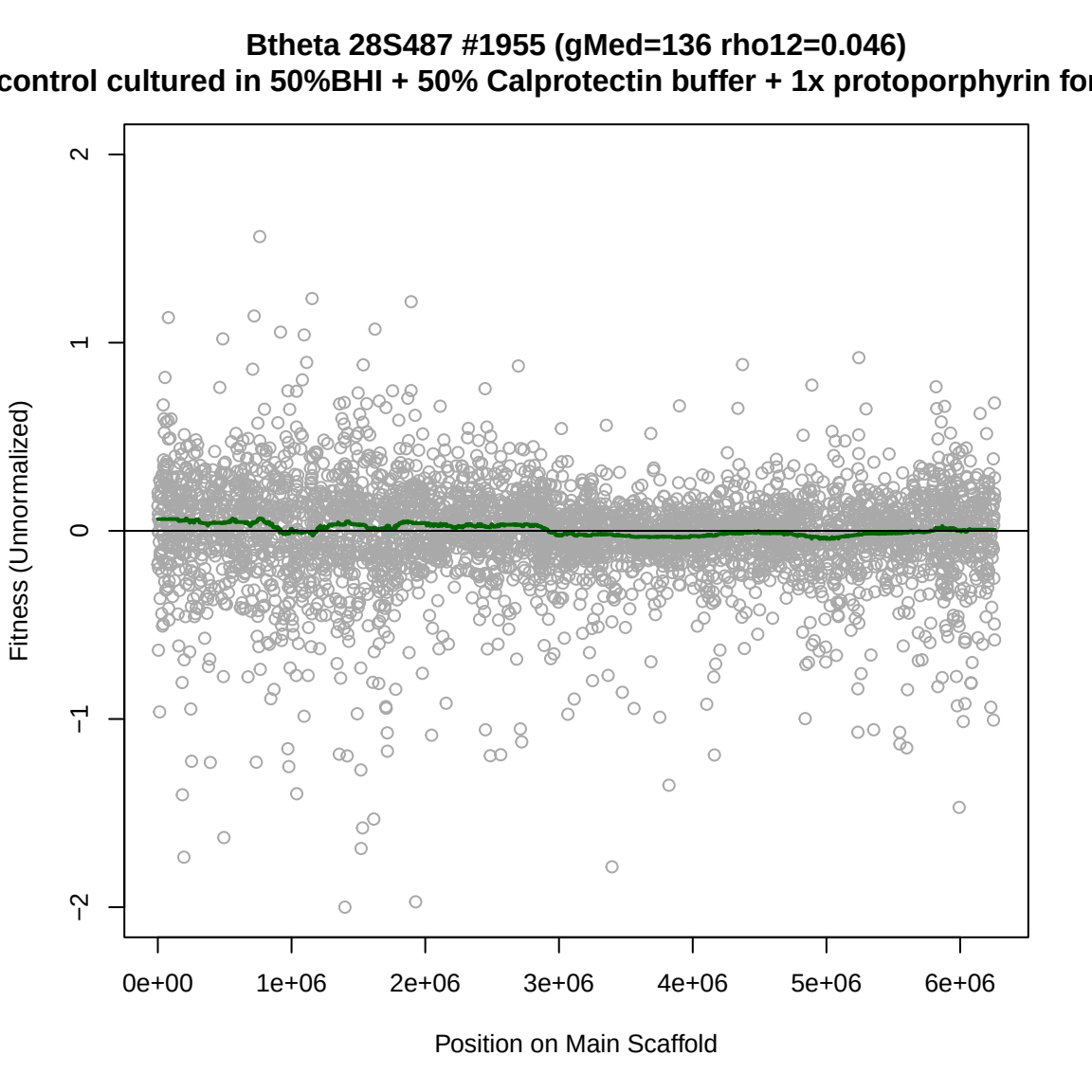

Btheta 28S482 #1950 (gMed=200 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

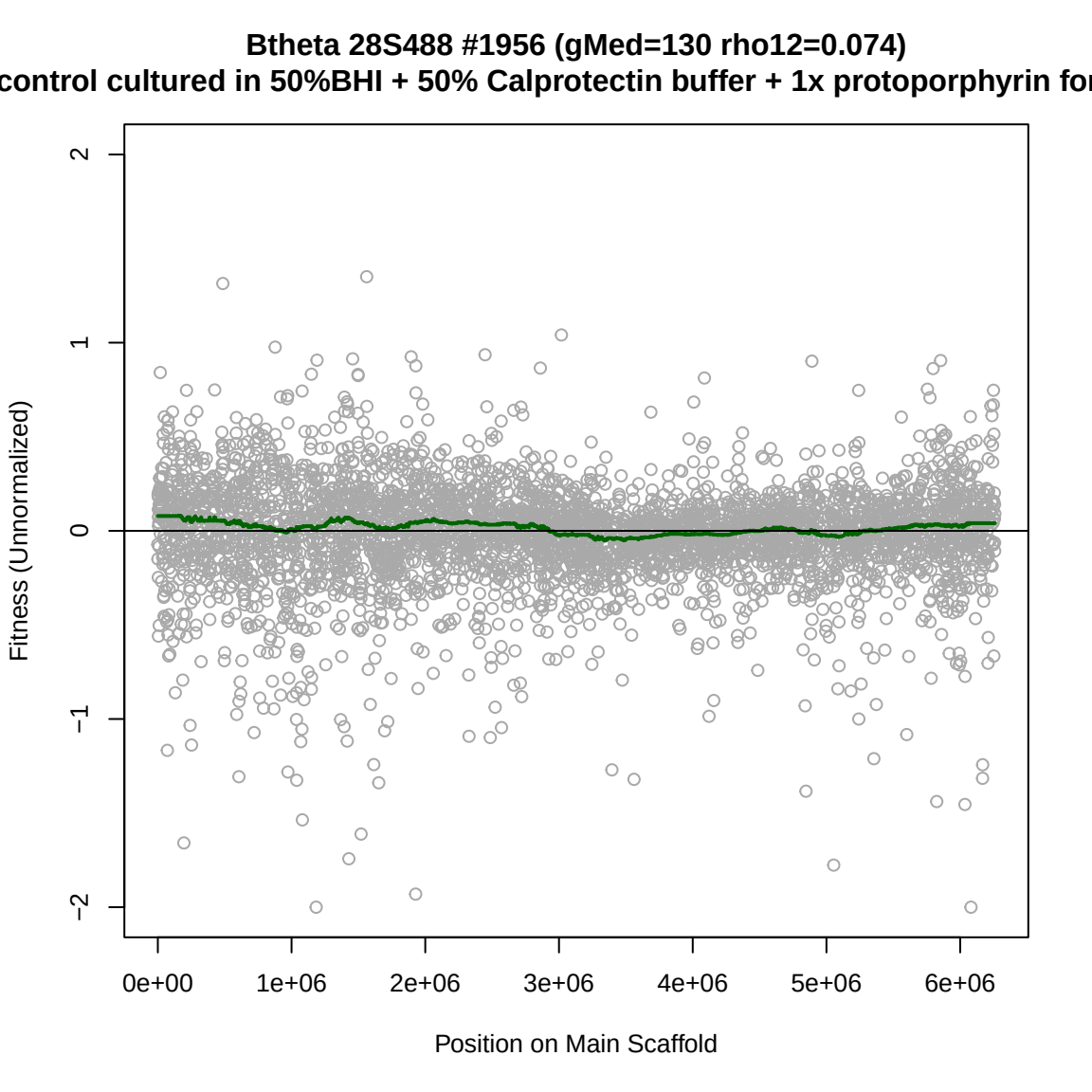

Btheta 28S483 #1951 (gMed=136 rho12=−0.027)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

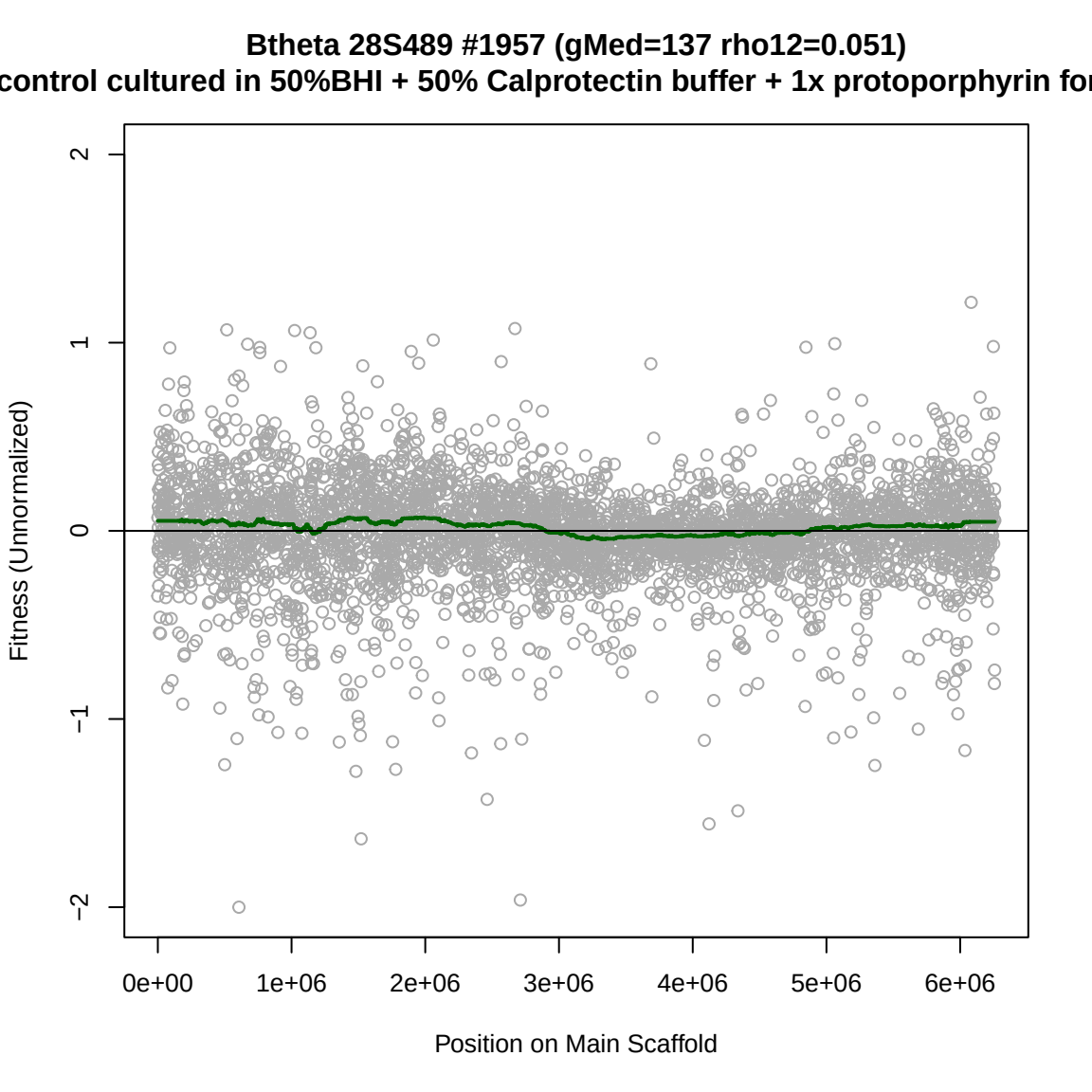

Btheta 28S484 #1952 (gMed=127 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

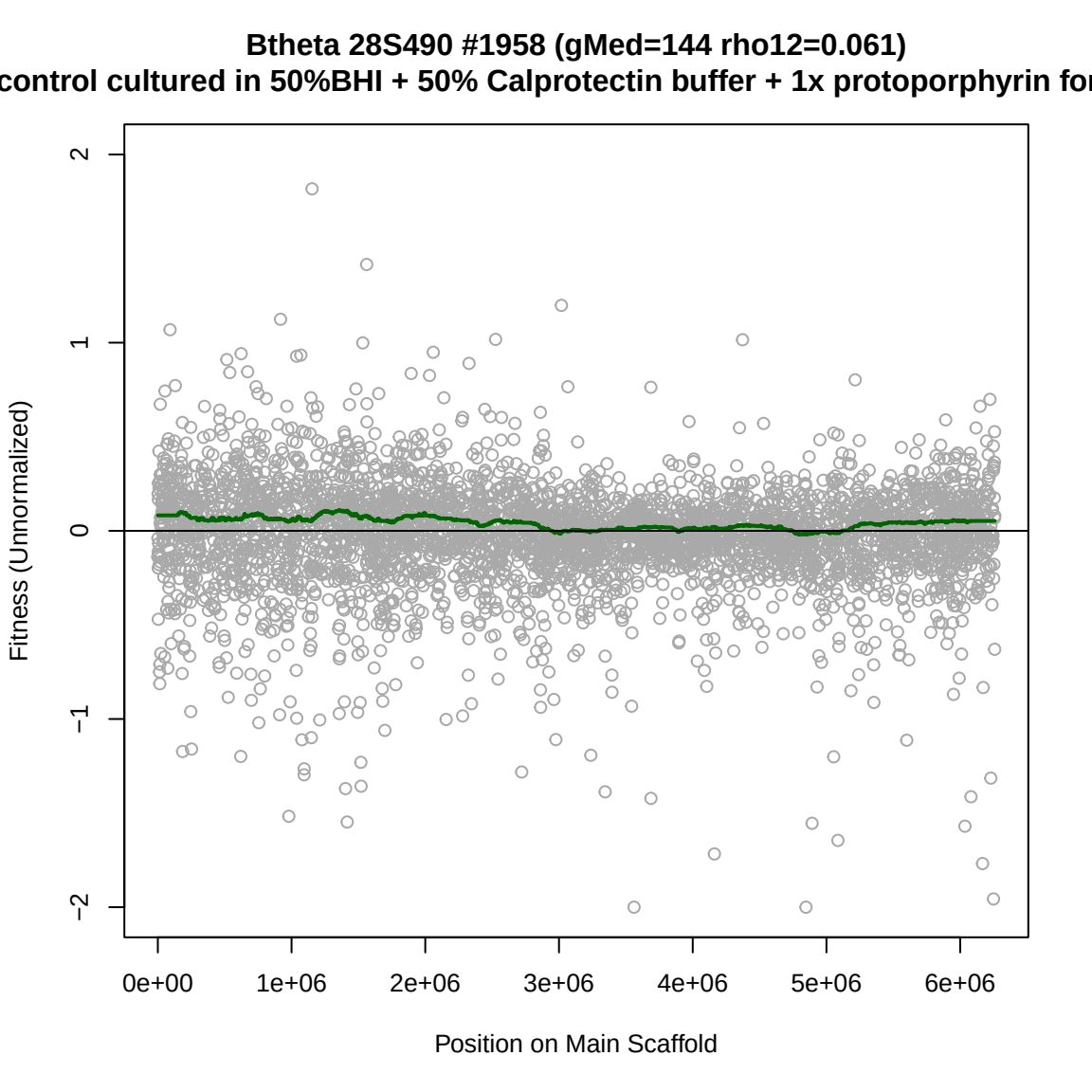

Btheta 28S485 #1953 (gMed=136 rho12=−0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

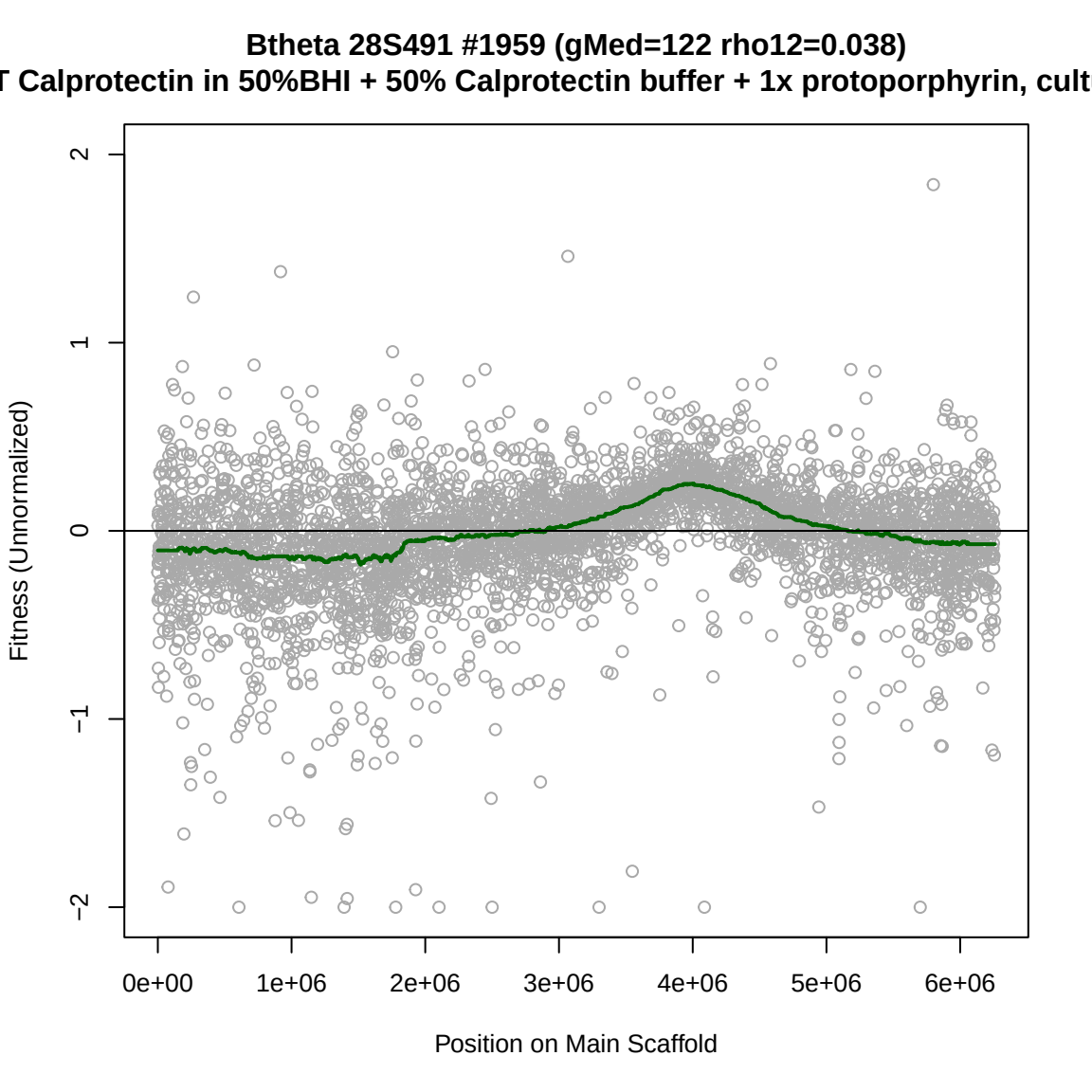

Btheta 28S486 #1954 (gMed=153 rho12=0.055)
control cultured in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin fo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

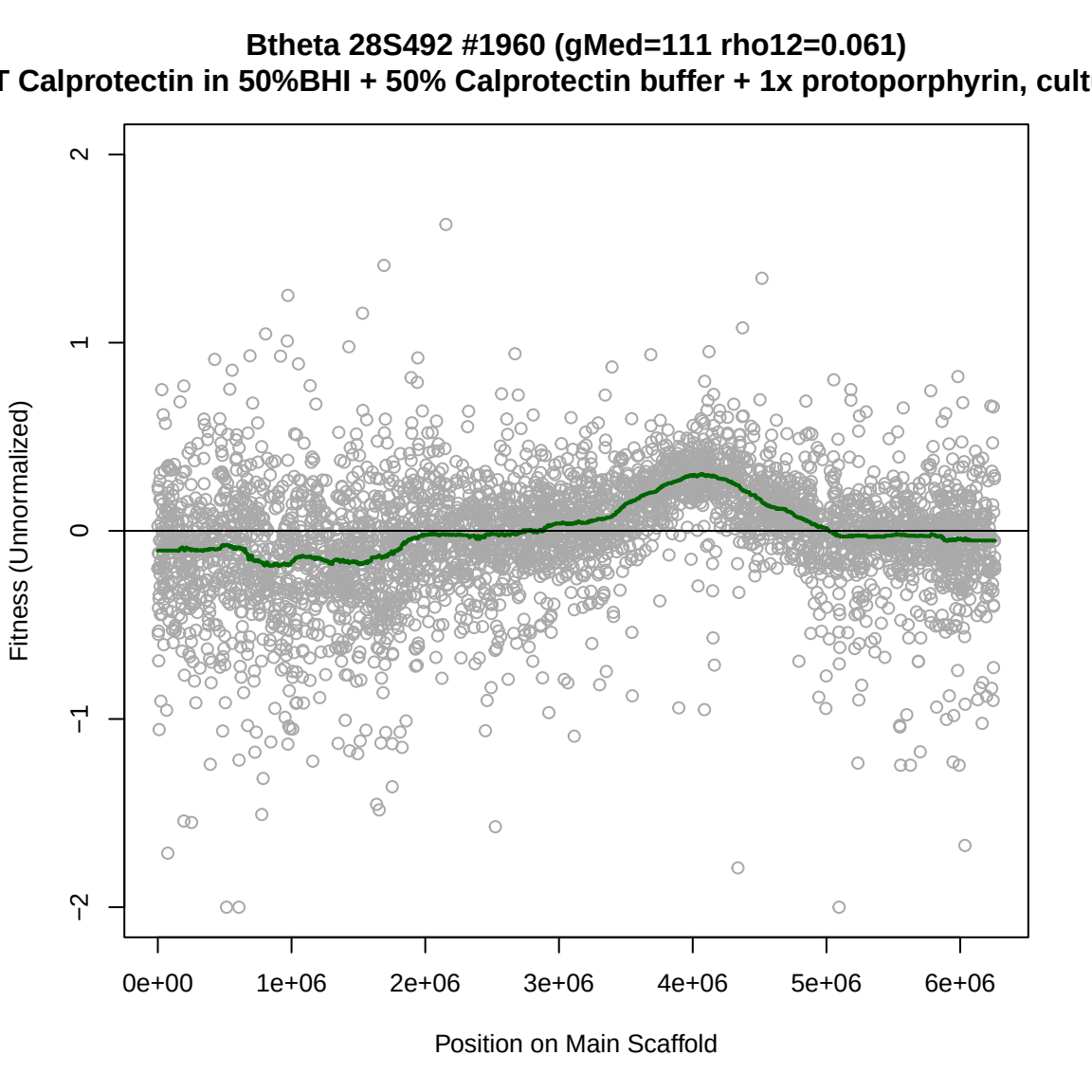

Btheta 28S487 #1955 (gMed=136 rho12=0.046)
control cultured in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin fo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

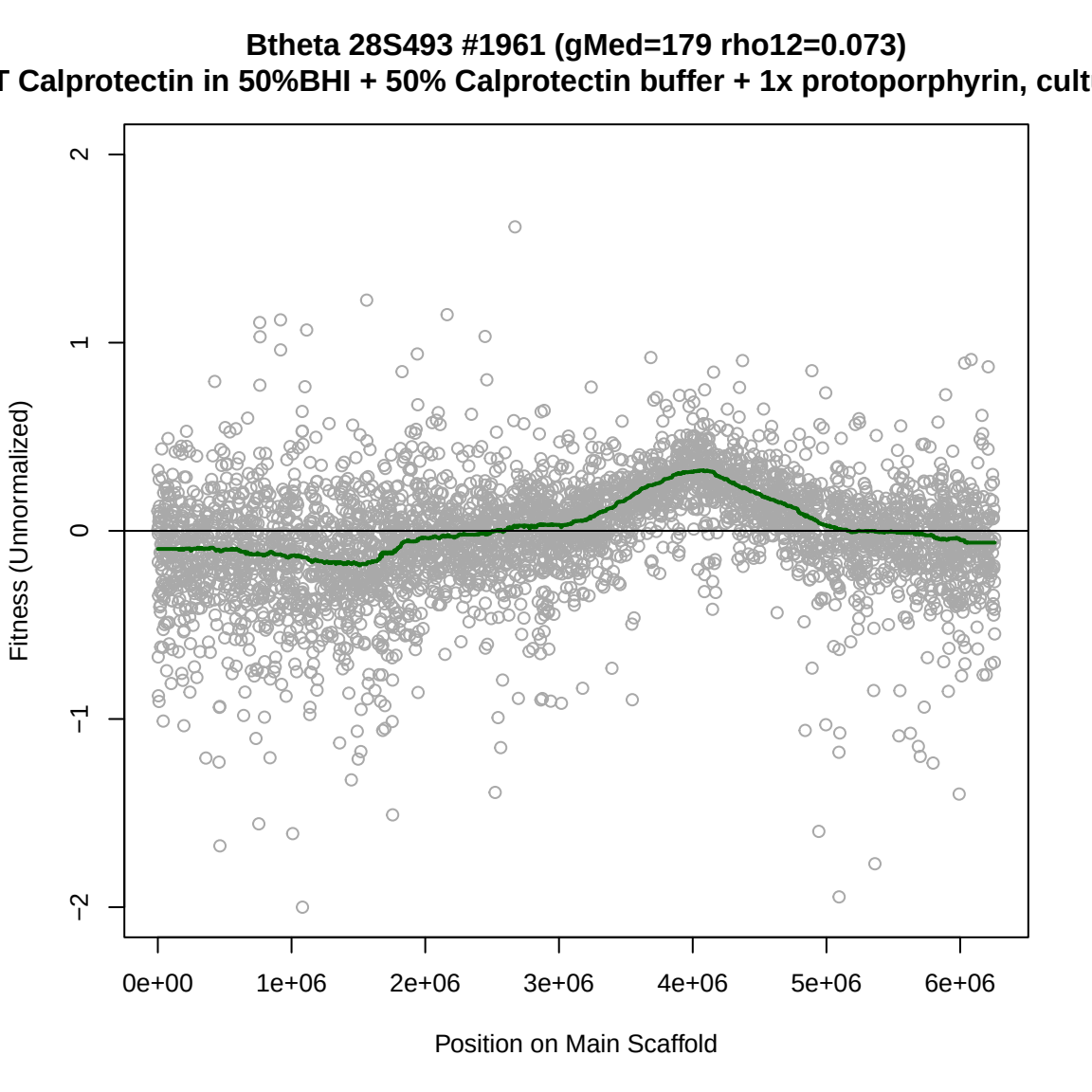

Btheta 28S488 #1956 (gMed=130 rho12=0.074)
control cultured in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin fo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

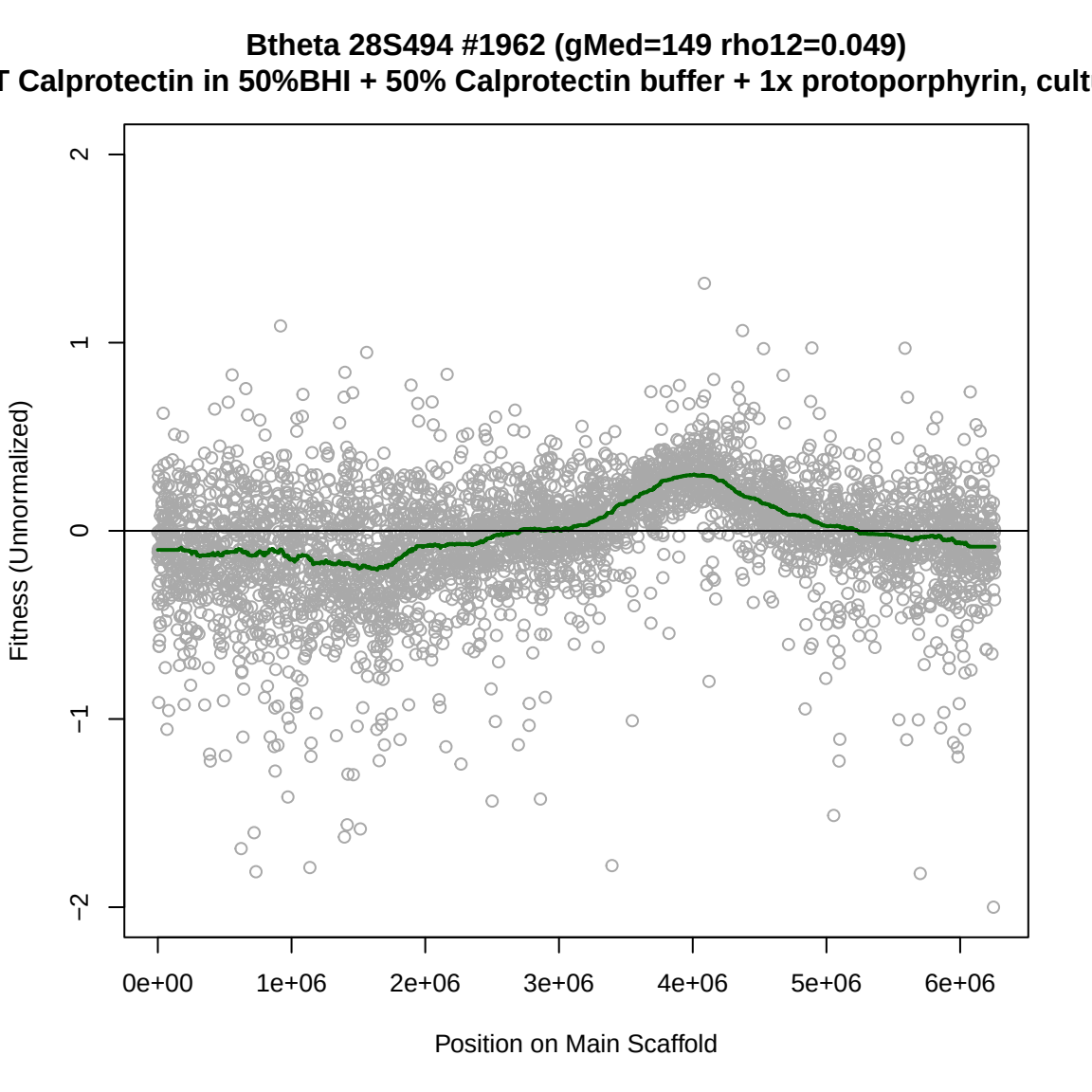

Btheta 28S489 #1957 (gMed=137 rho12=0.051)
control cultured in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin fo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

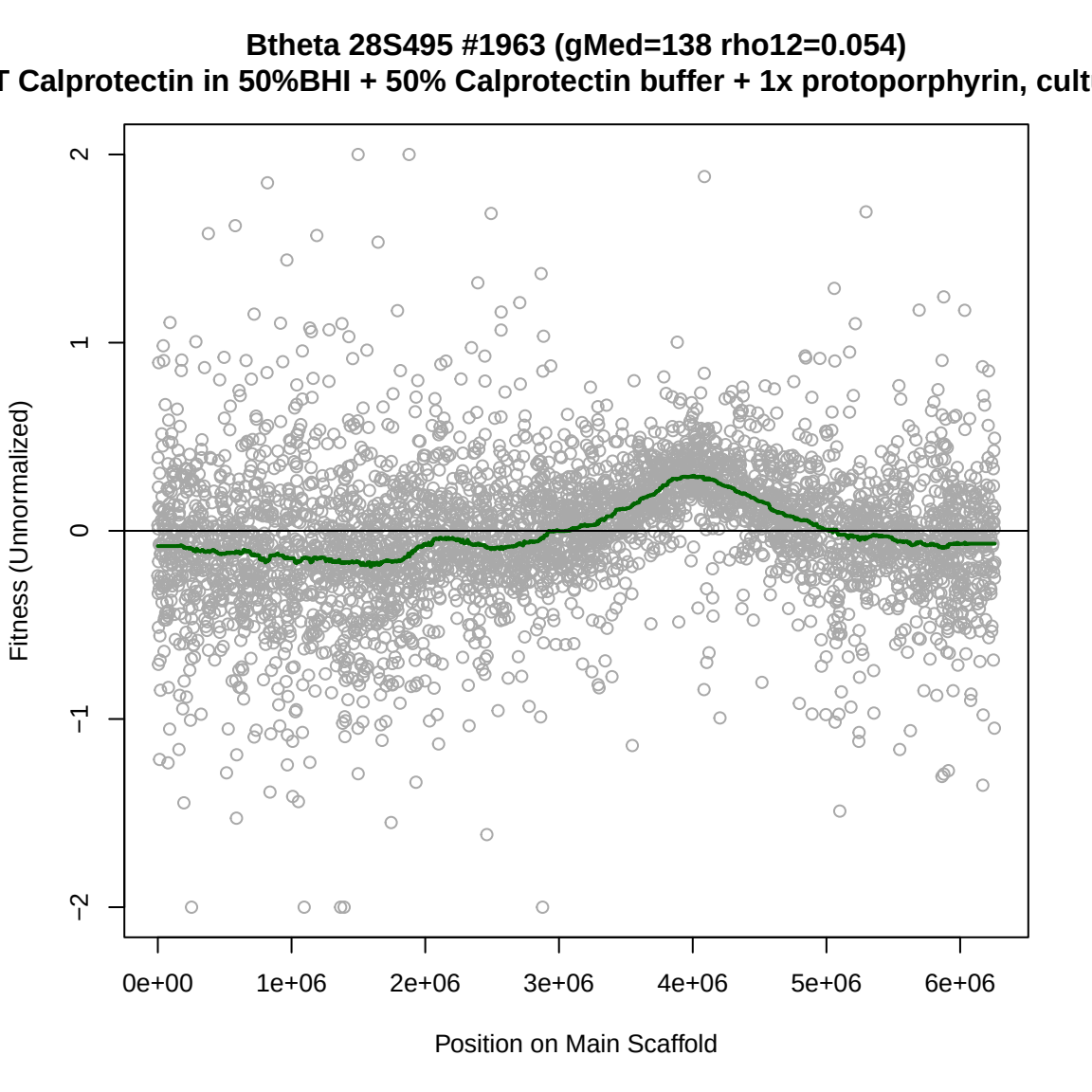

Btheta 28S490 #1958 (gMed=144 rho12=0.061)
control cultured in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin fo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

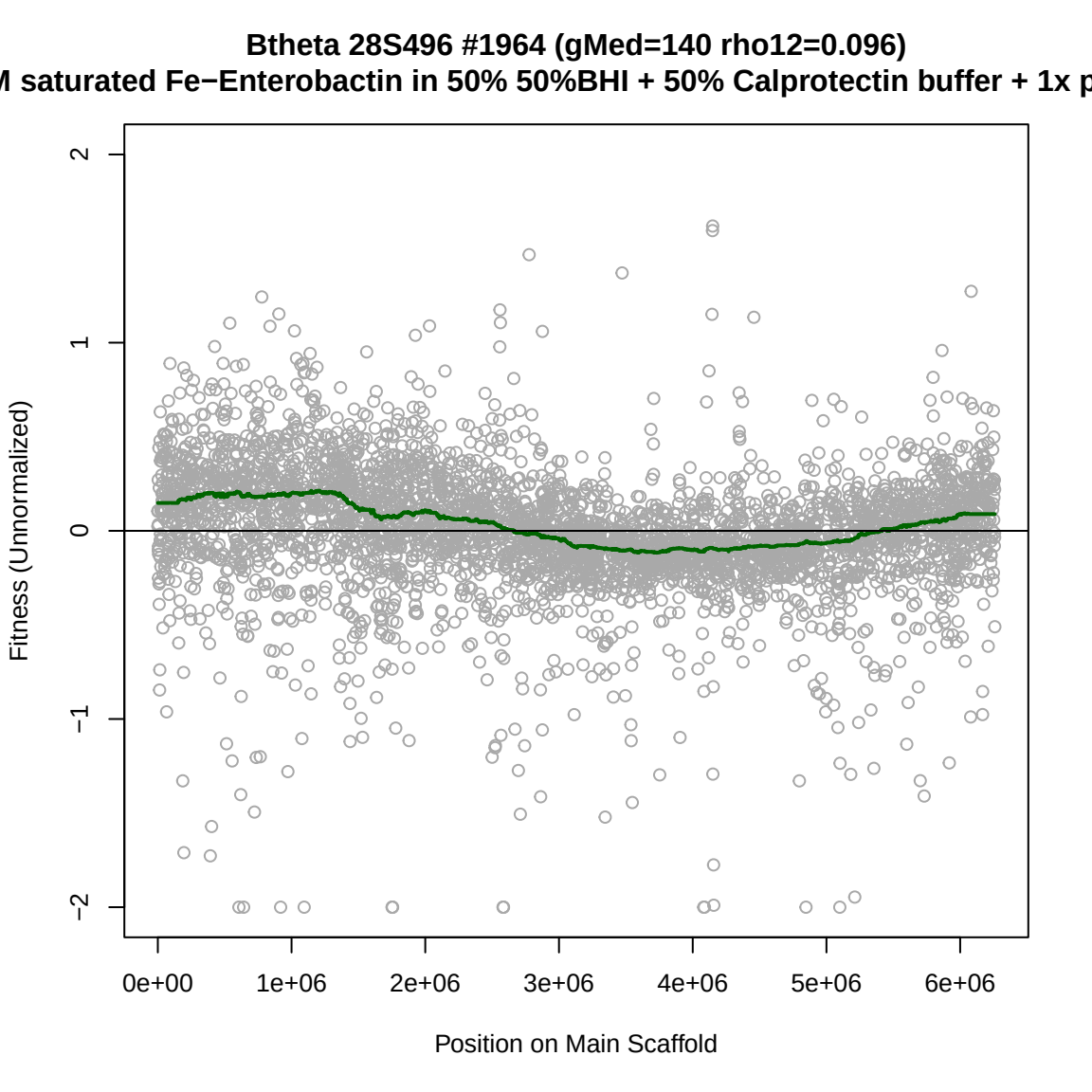

Btheta 28S491 #1959 (gMed=122 rho12=0.038)
T Calprotectin in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, cult
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

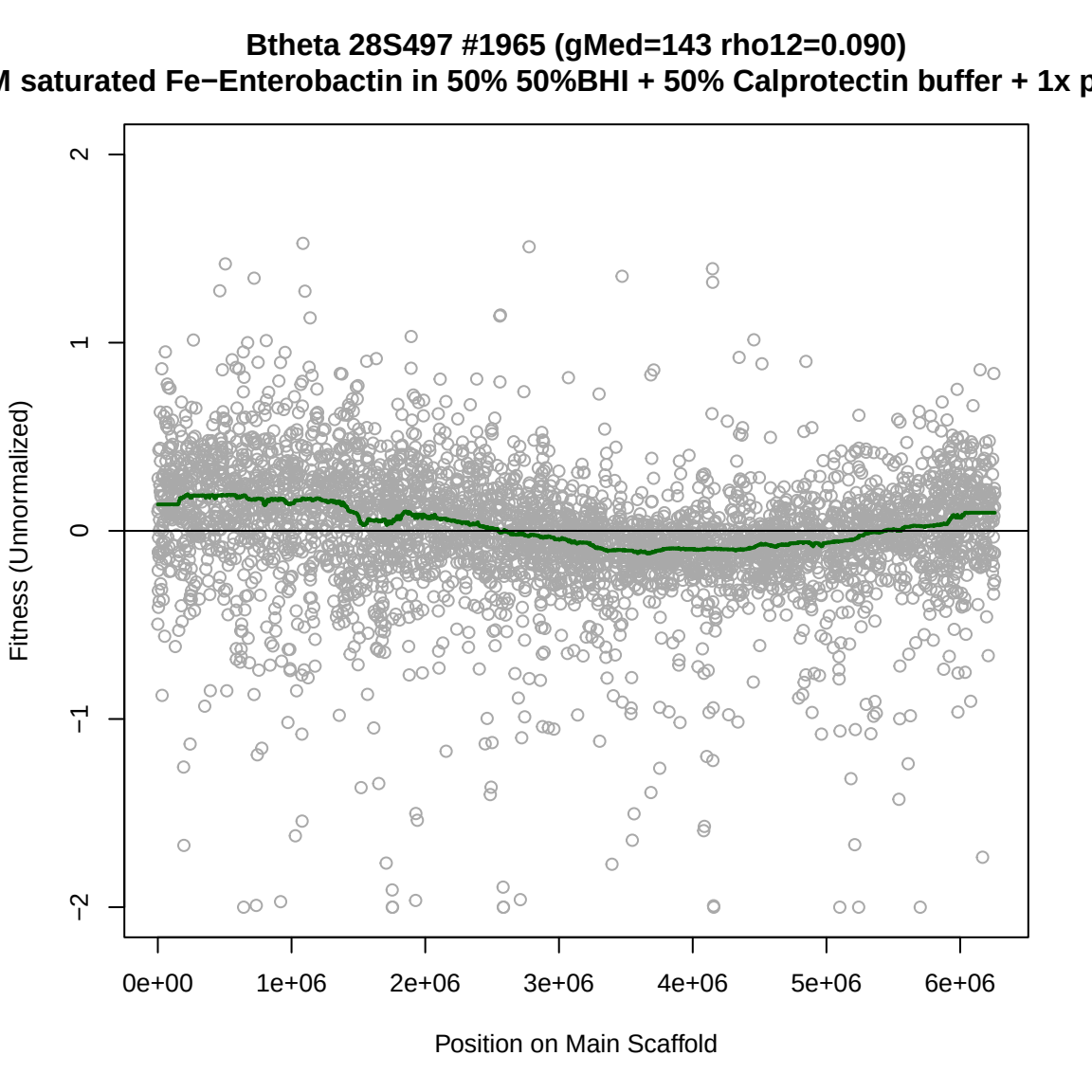

Btheta 28S492 #1960 (gMed=111 rho12=0.061)
T Calprotectin in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, cult
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

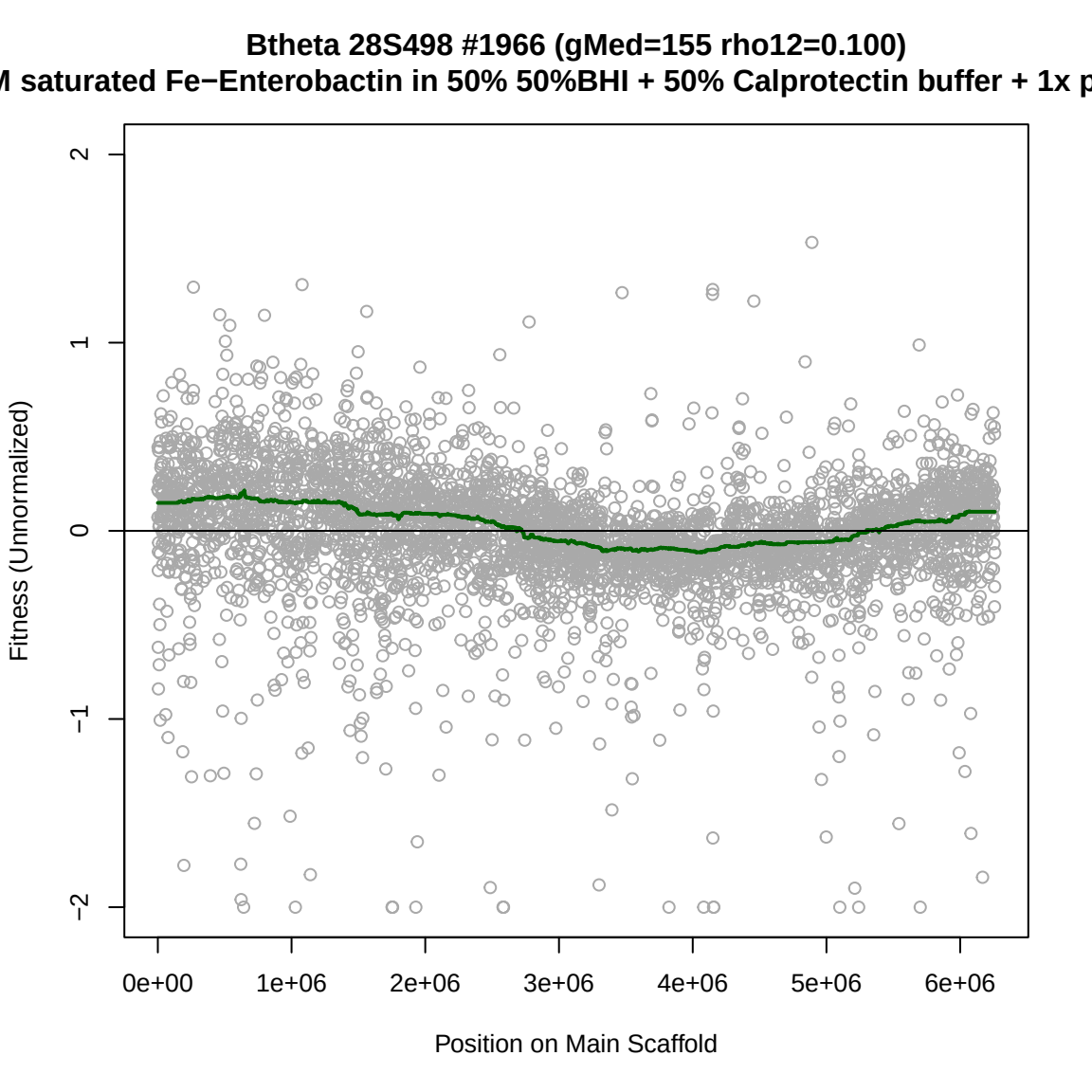

Btheta 28S493 #1961 (gMed=179 rho12=0.073)
T Calprotectin in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, cult
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

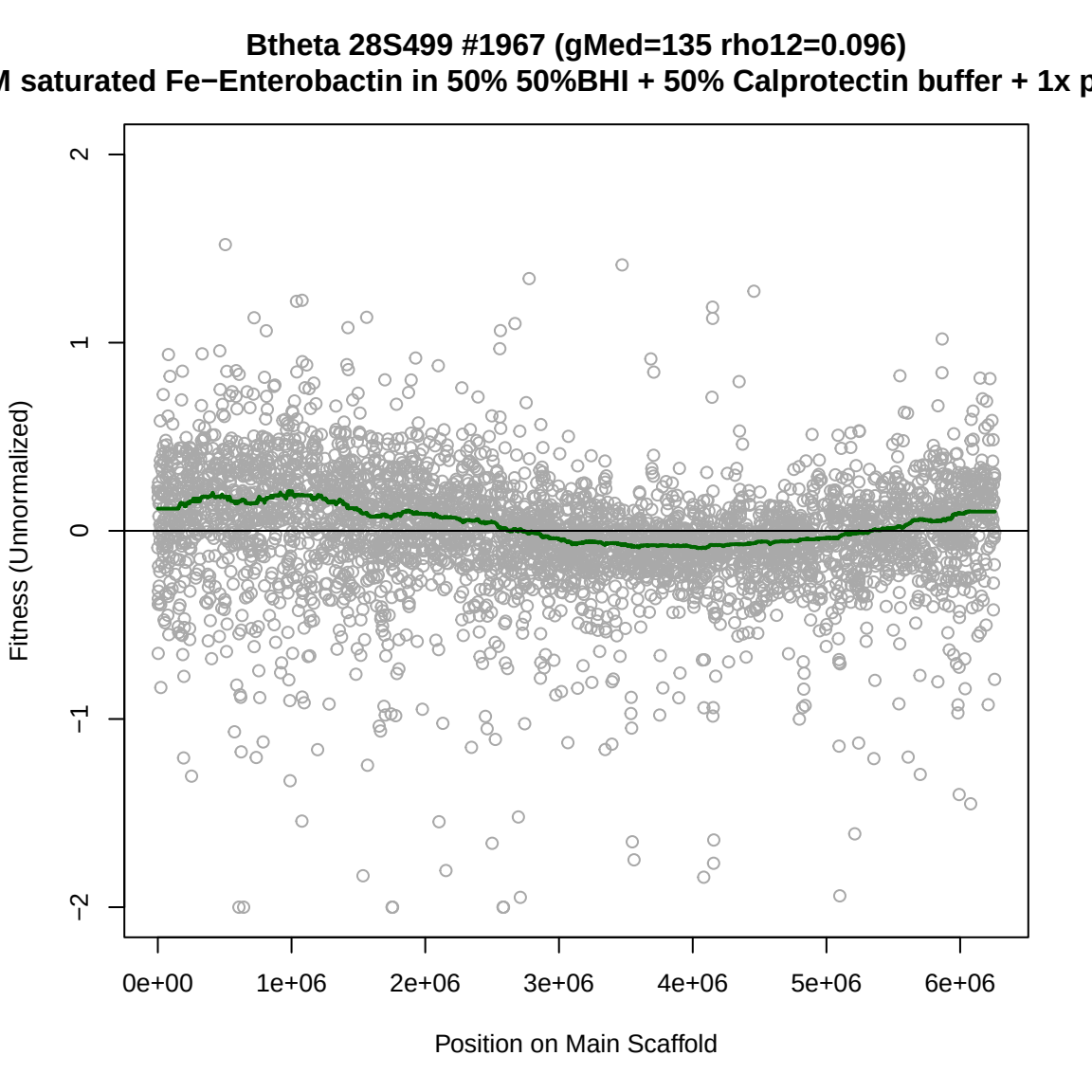

Btheta 28S494 #1962 (gMed=149 rho12=0.049)
T Calprotectin in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, cult
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

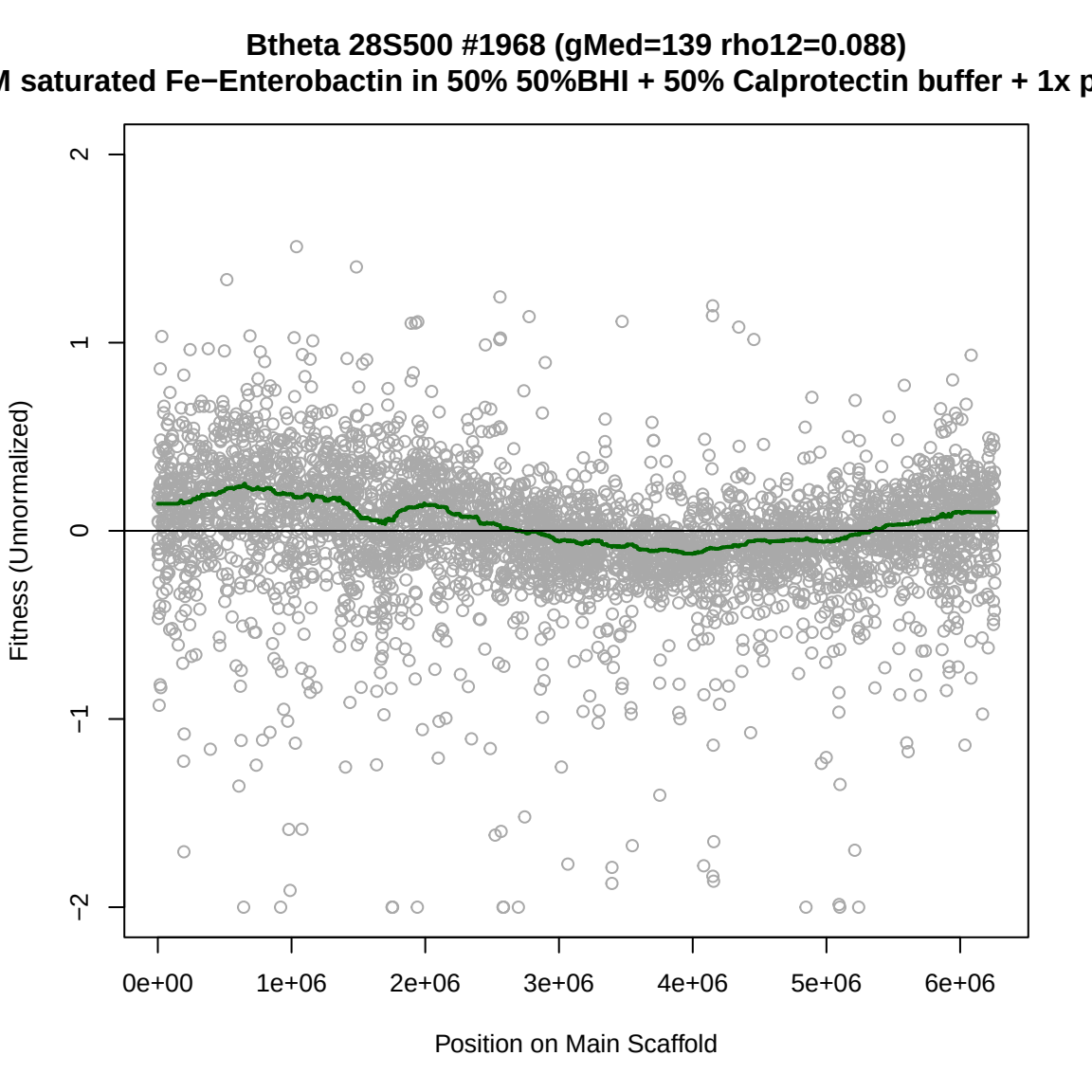

Btheta 28S495 #1963 (gMed=138 rho12=0.054)
T Calprotectin in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, cult
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

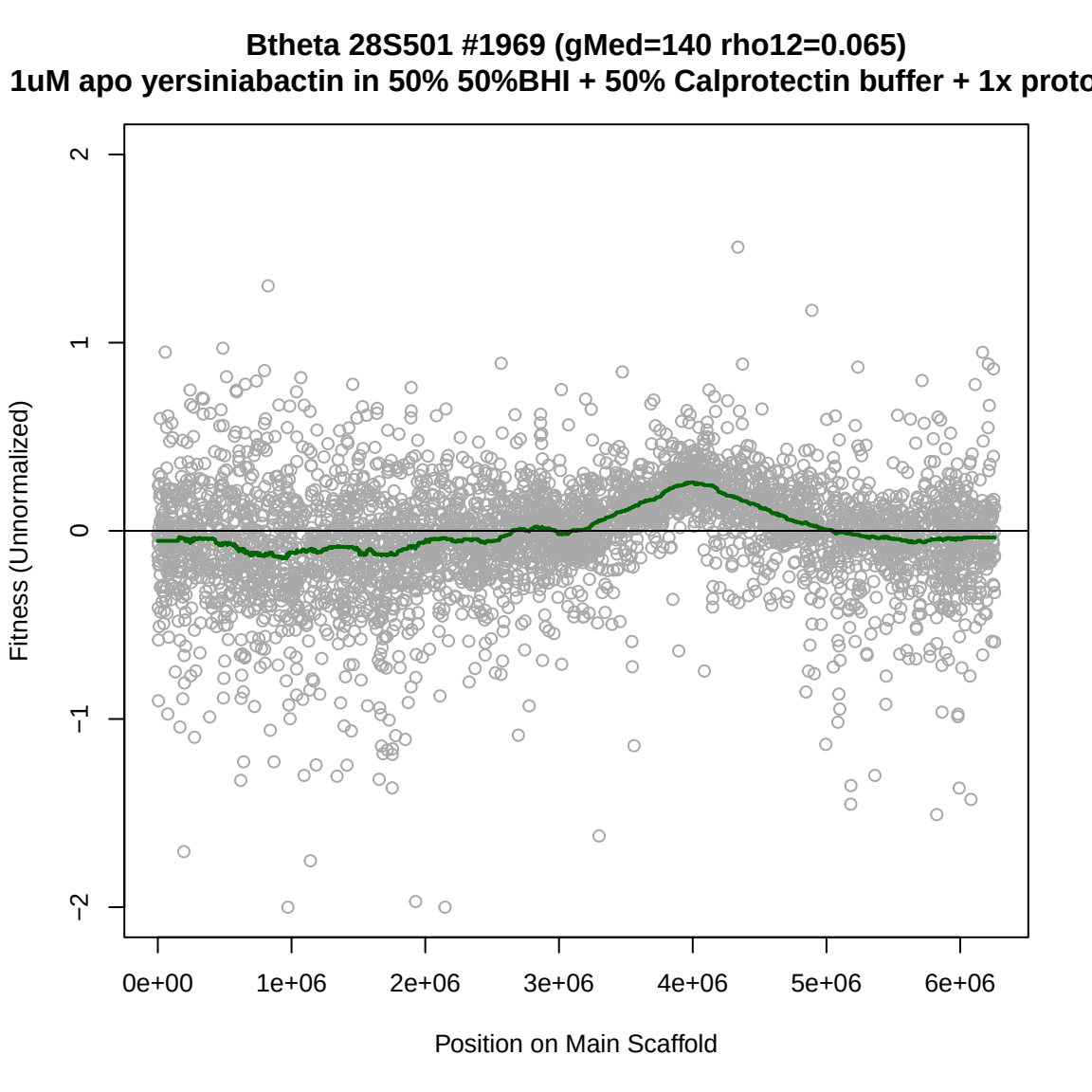

Btheta 28S496 #1964 (gMed=140 rho12=0.096)
M saturated Fe−Enterobactin in 50% 50%BHI + 50% Calprotectin buffer + 1x p
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

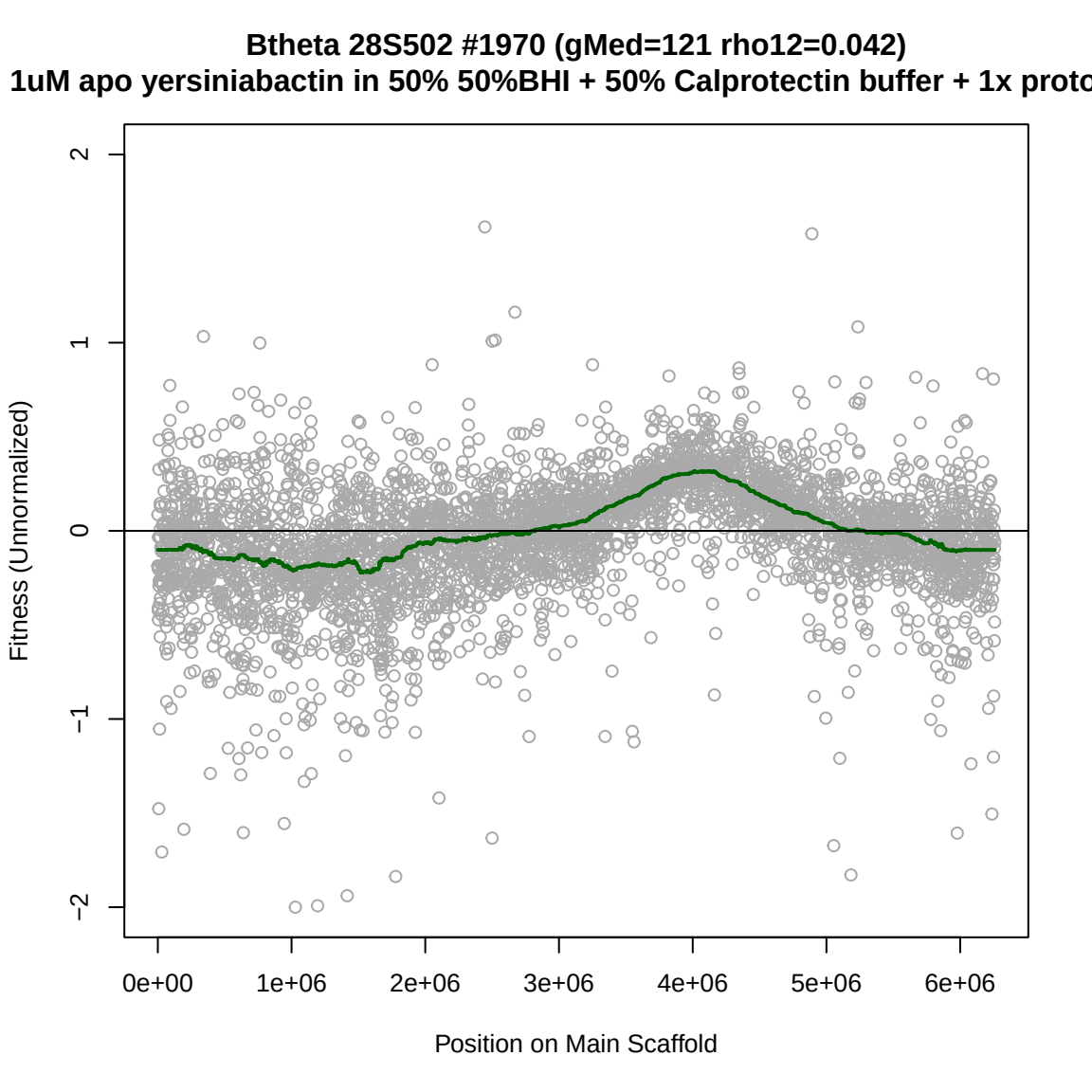

Btheta 28S497 #1965 (gMed=143 rho12=0.090)
M saturated Fe−Enterobactin in 50% 50%BHI + 50% Calprotectin buffer + 1x p
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

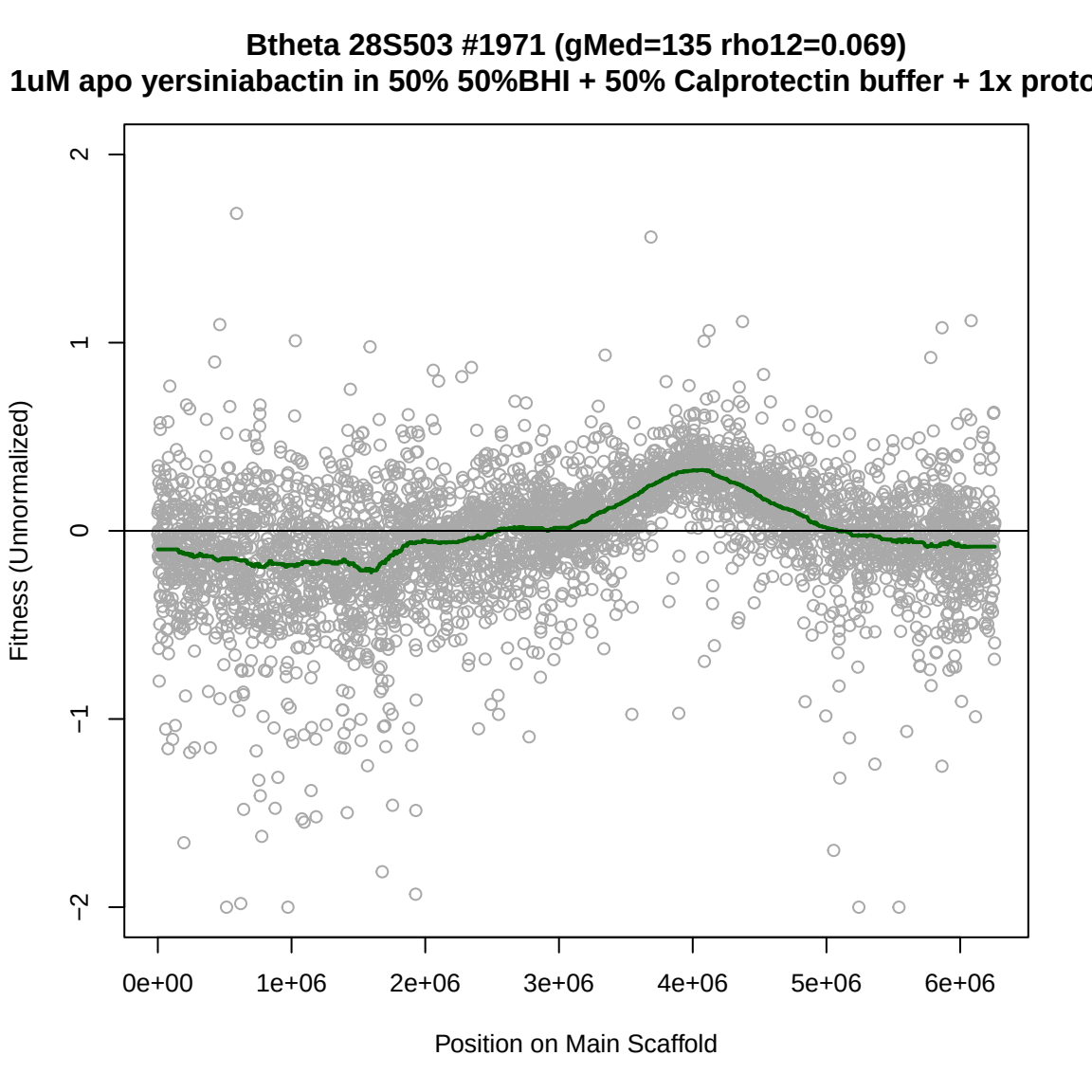

Btheta 28S498 #1966 (gMed=155 rho12=0.100)
M saturated Fe−Enterobactin in 50% 50%BHI + 50% Calprotectin buffer + 1x p
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

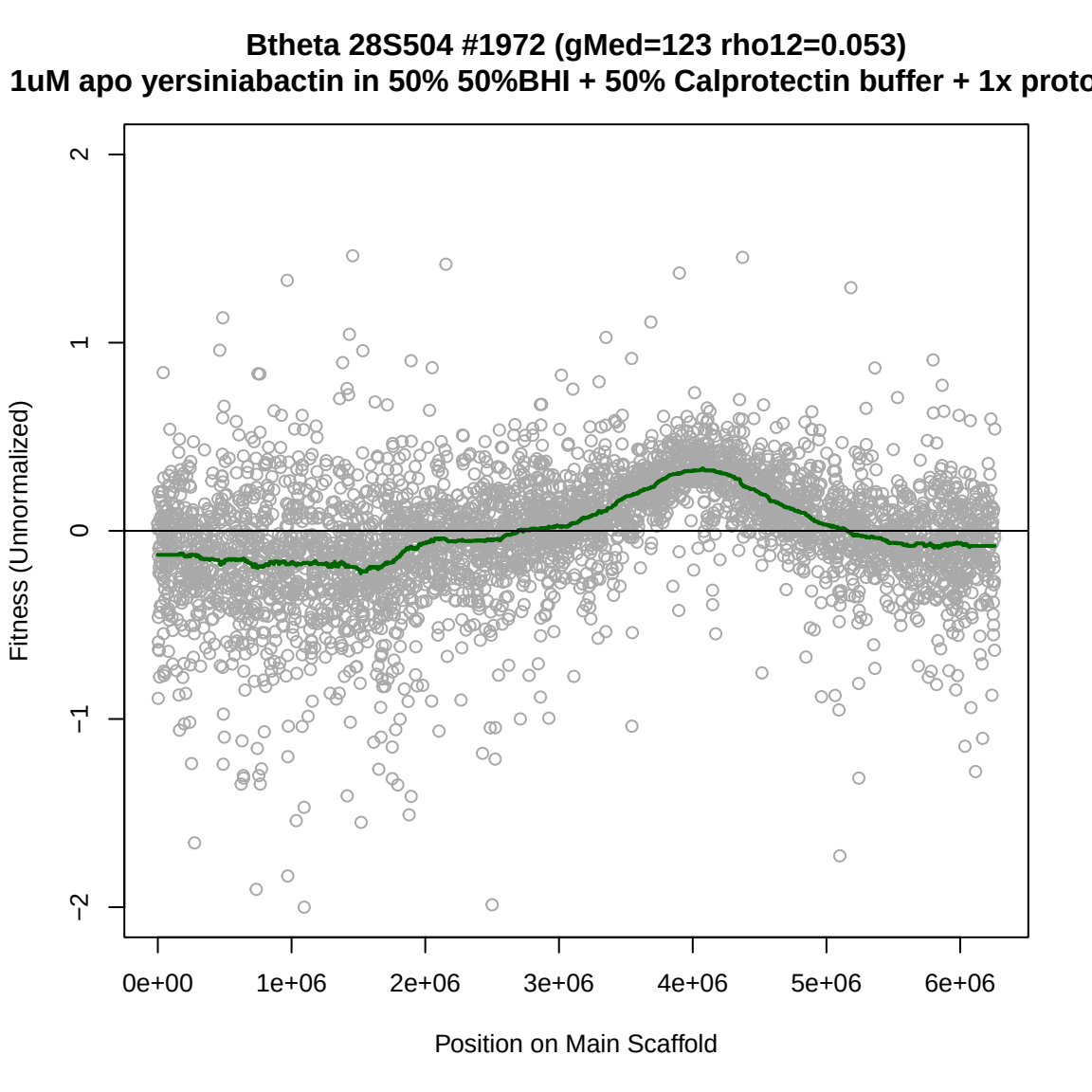

Btheta 28S499 #1967 (gMed=135 rho12=0.096)
M saturated Fe−Enterobactin in 50% 50%BHI + 50% Calprotectin buffer + 1x p
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

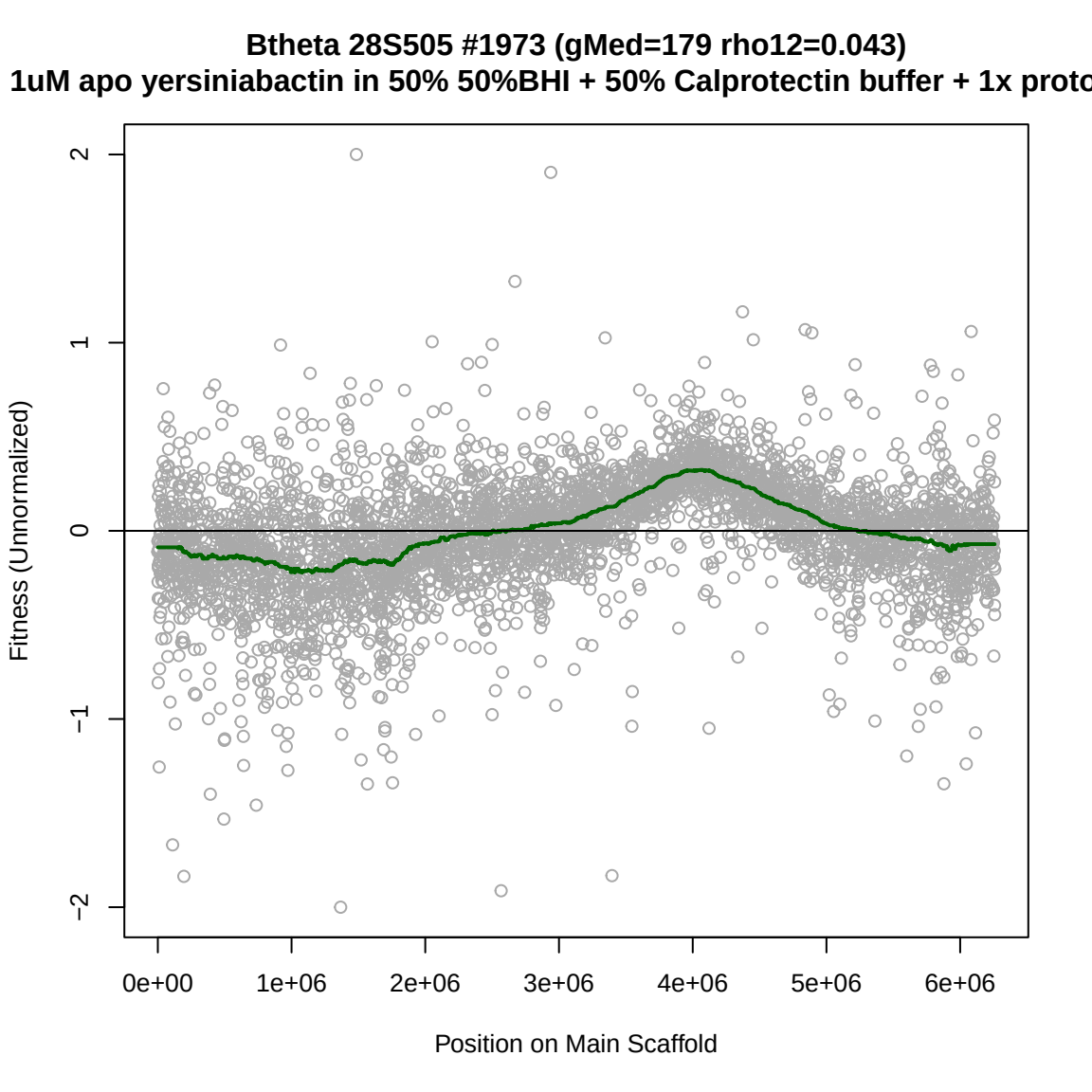

Btheta 28S500 #1968 (gMed=139 rho12=0.088)
M saturated Fe−Enterobactin in 50% 50%BHI + 50% Calprotectin buffer + 1x p
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

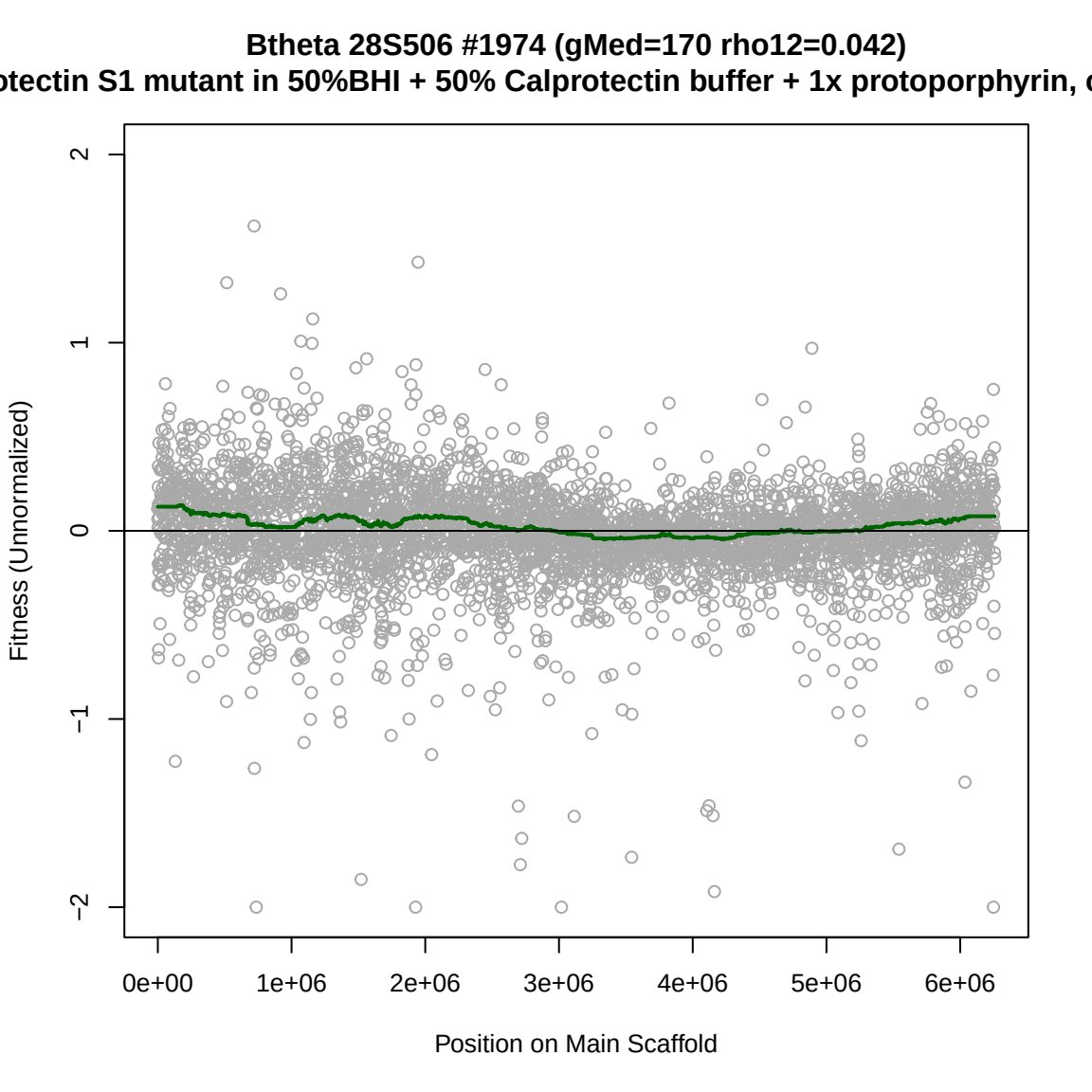

Btheta 28S501 #1969 (gMed=140 rho12=0.065)
1uM apo yersiniabactin in 50% 50%BHI + 50% Calprotectin buffer + 1x proto
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

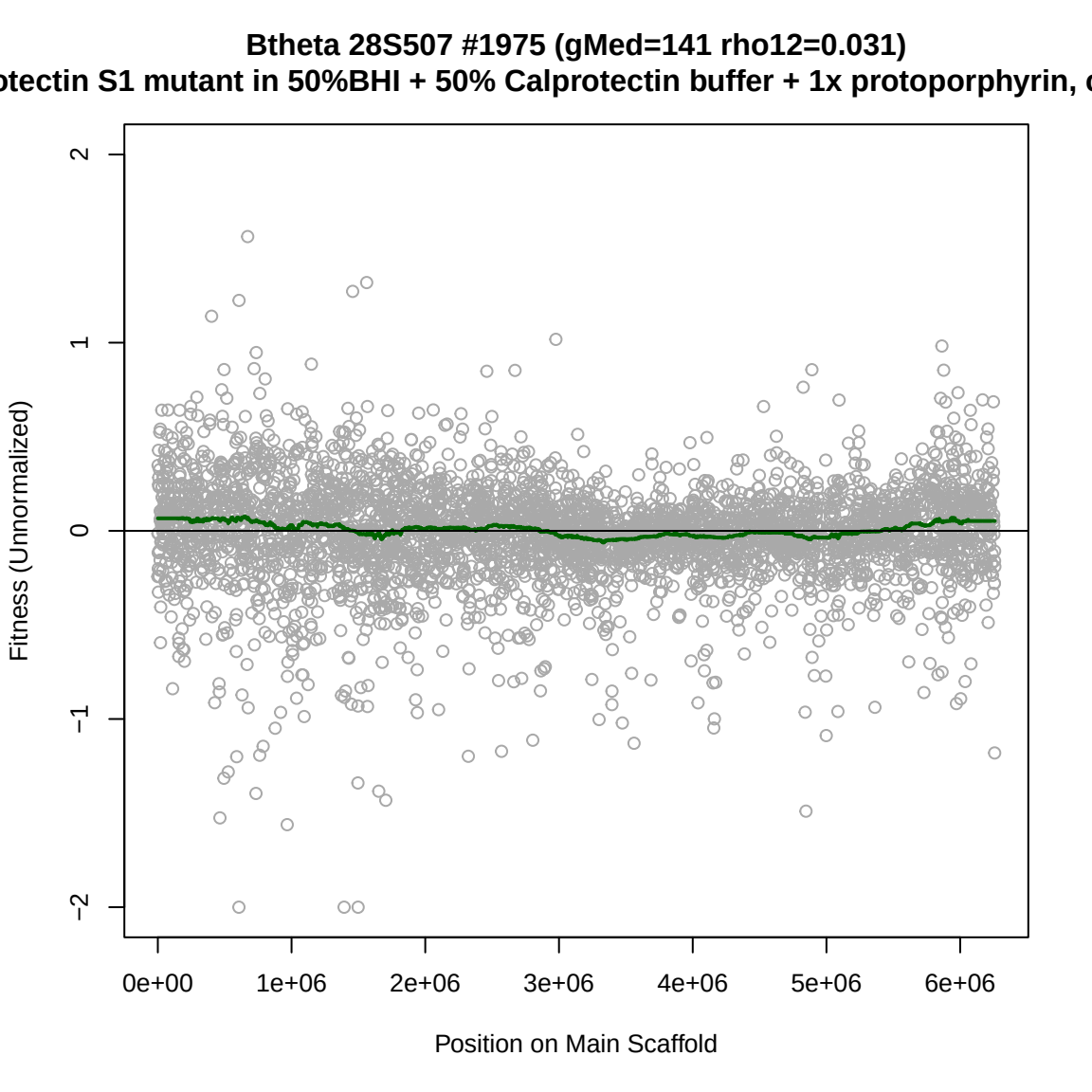

Btheta 28S502 #1970 (gMed=121 rho12=0.042)
1uM apo yersiniabactin in 50% 50%BHI + 50% Calprotectin buffer + 1x proto
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

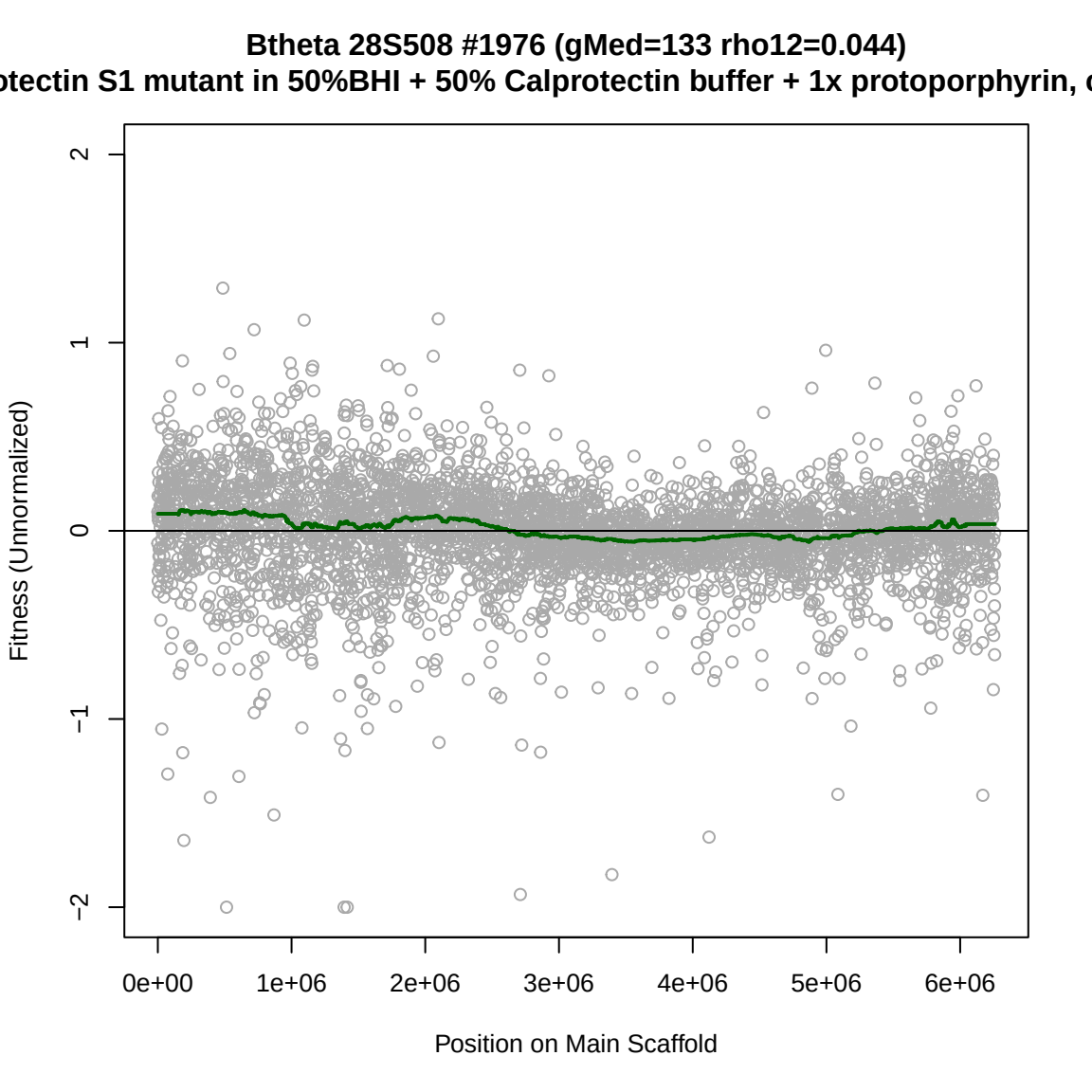

Btheta 28S503 #1971 (gMed=135 rho12=0.069)
1uM apo yersiniabactin in 50% 50%BHI + 50% Calprotectin buffer + 1x proto
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

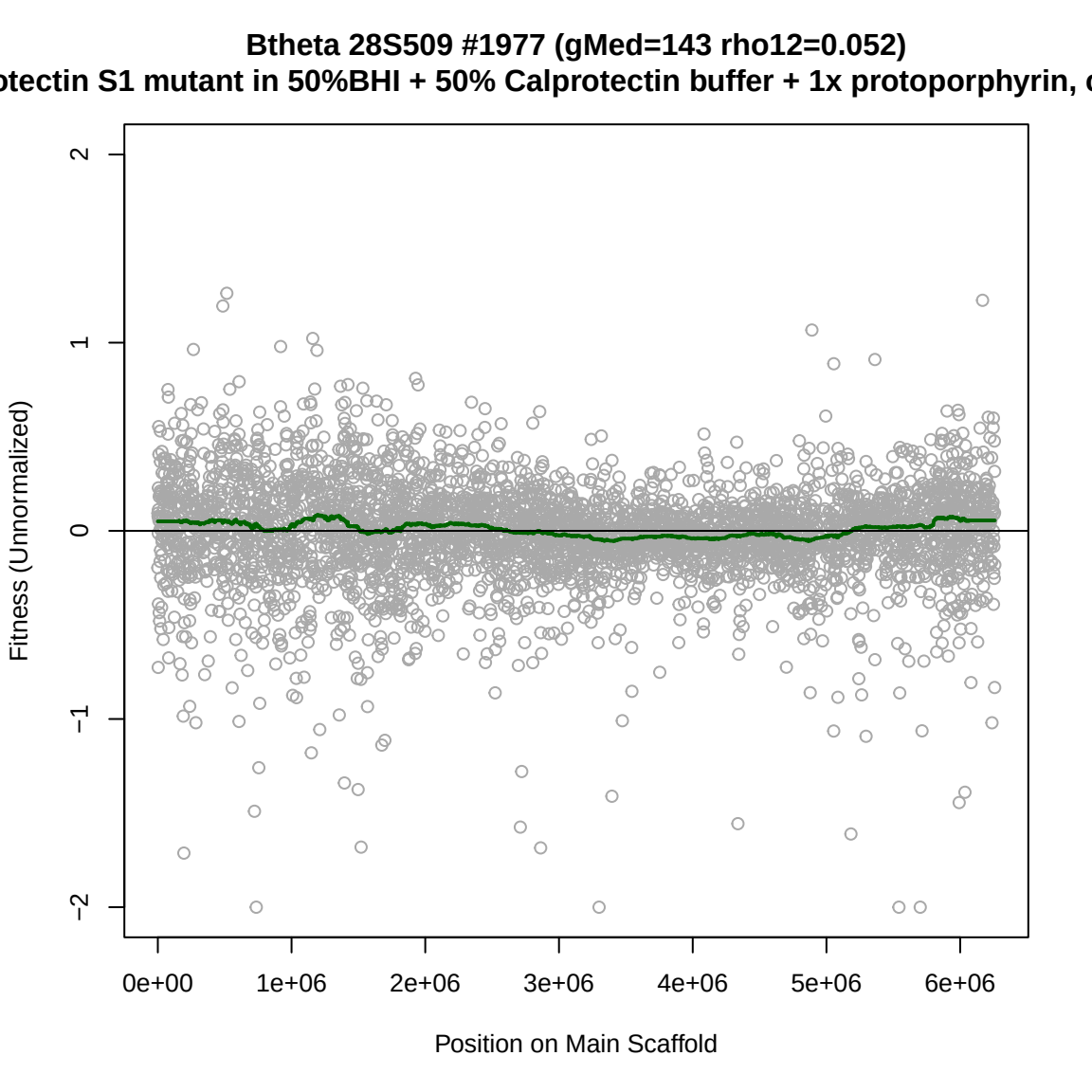

Btheta 28S504 #1972 (gMed=123 rho12=0.053)
1uM apo yersiniabactin in 50% 50%BHI + 50% Calprotectin buffer + 1x proto
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

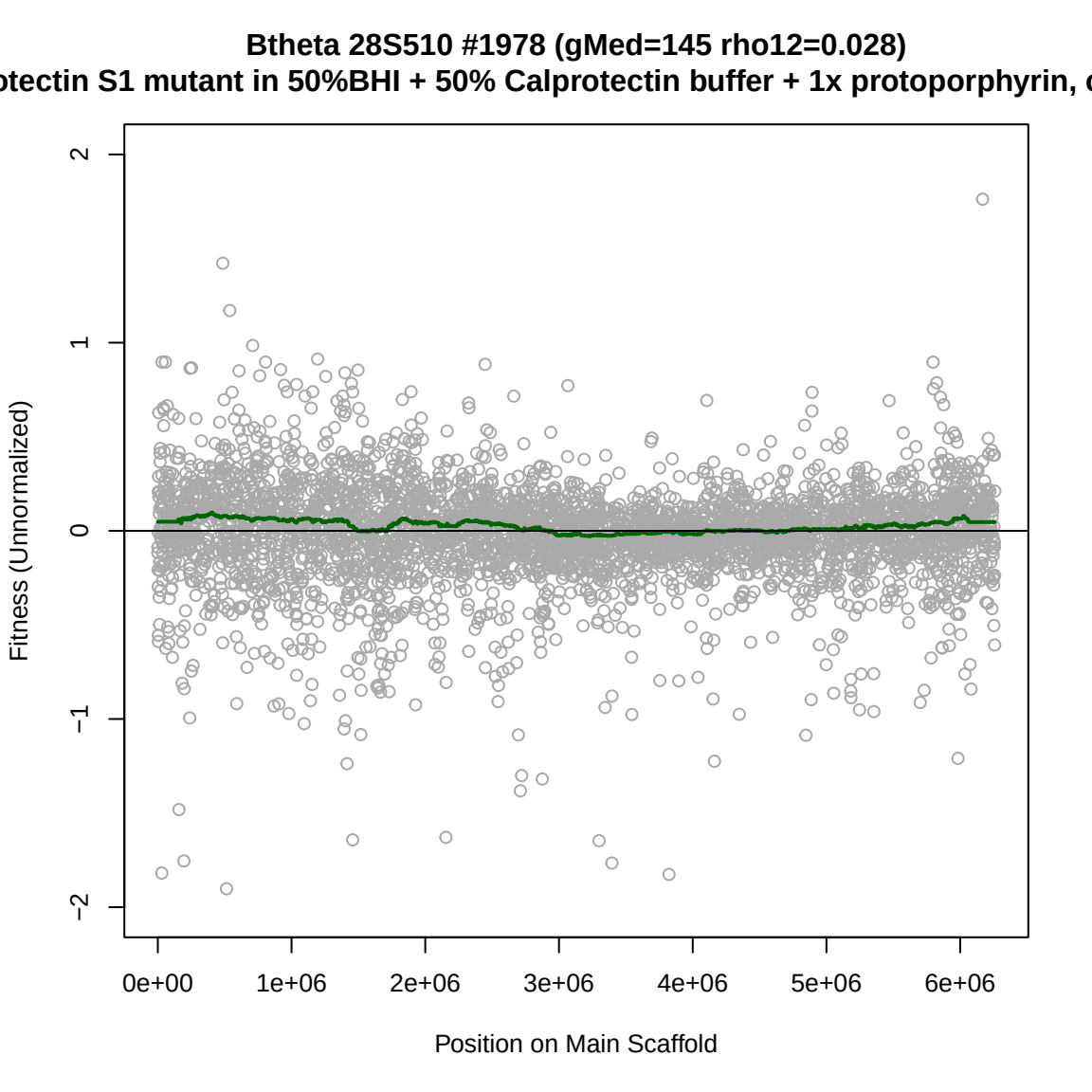

Btheta 28S505 #1973 (gMed=179 rho12=0.043)
1uM apo yersiniabactin in 50% 50%BHI + 50% Calprotectin buffer + 1x proto
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

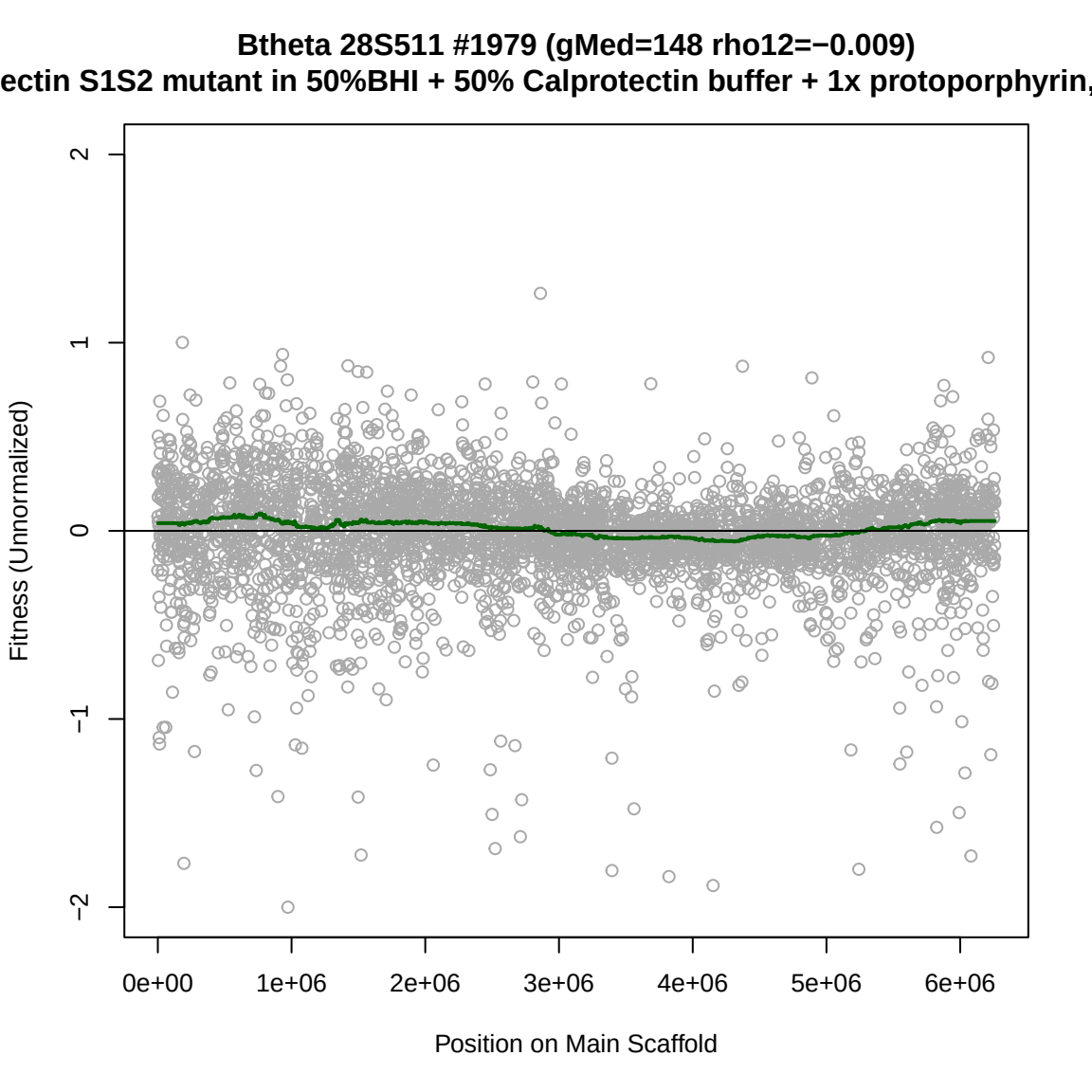

Btheta 28S506 #1974 (gMed=170 rho12=0.042)
otectin S1 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

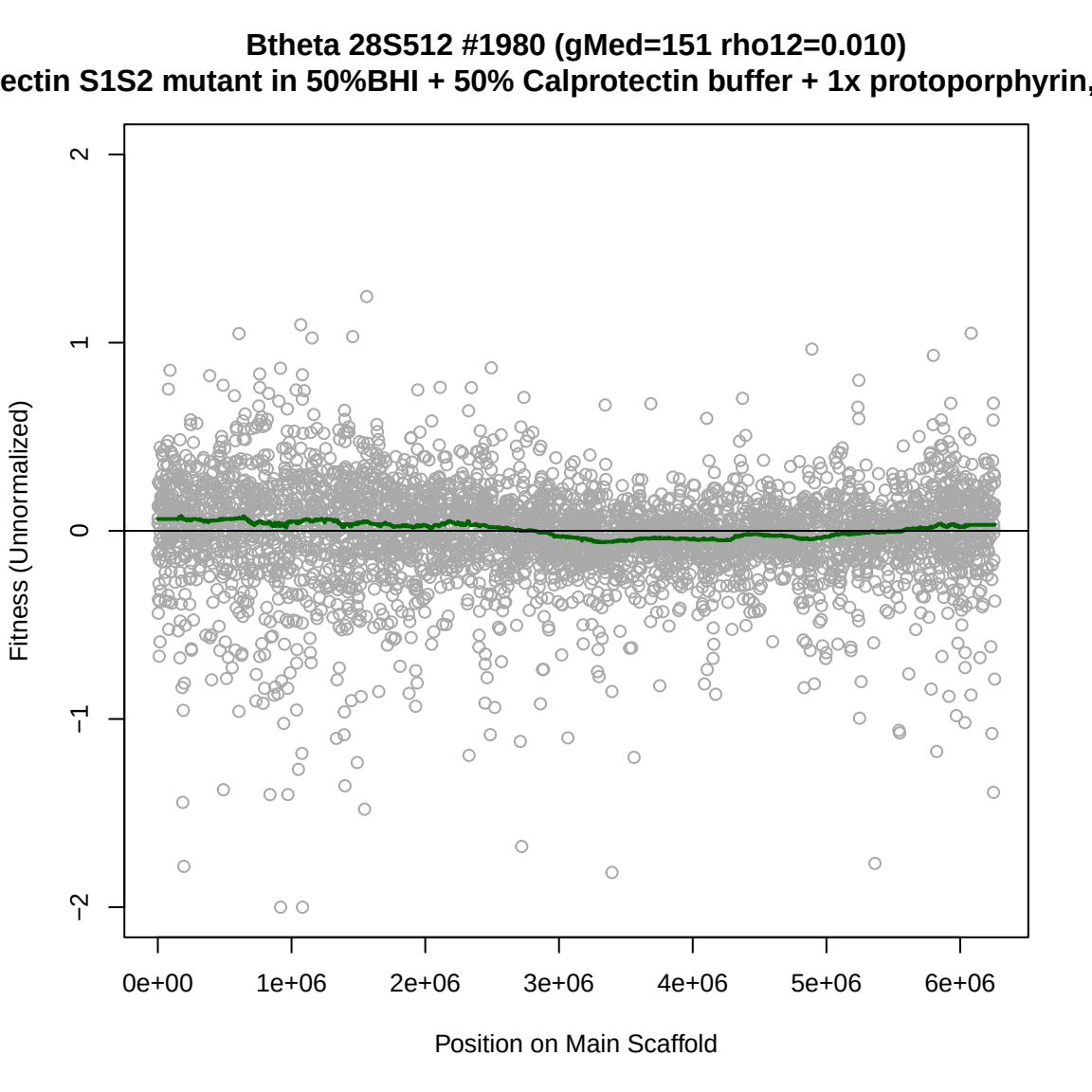

Btheta 28S507 #1975 (gMed=141 rho12=0.031)
otectin S1 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

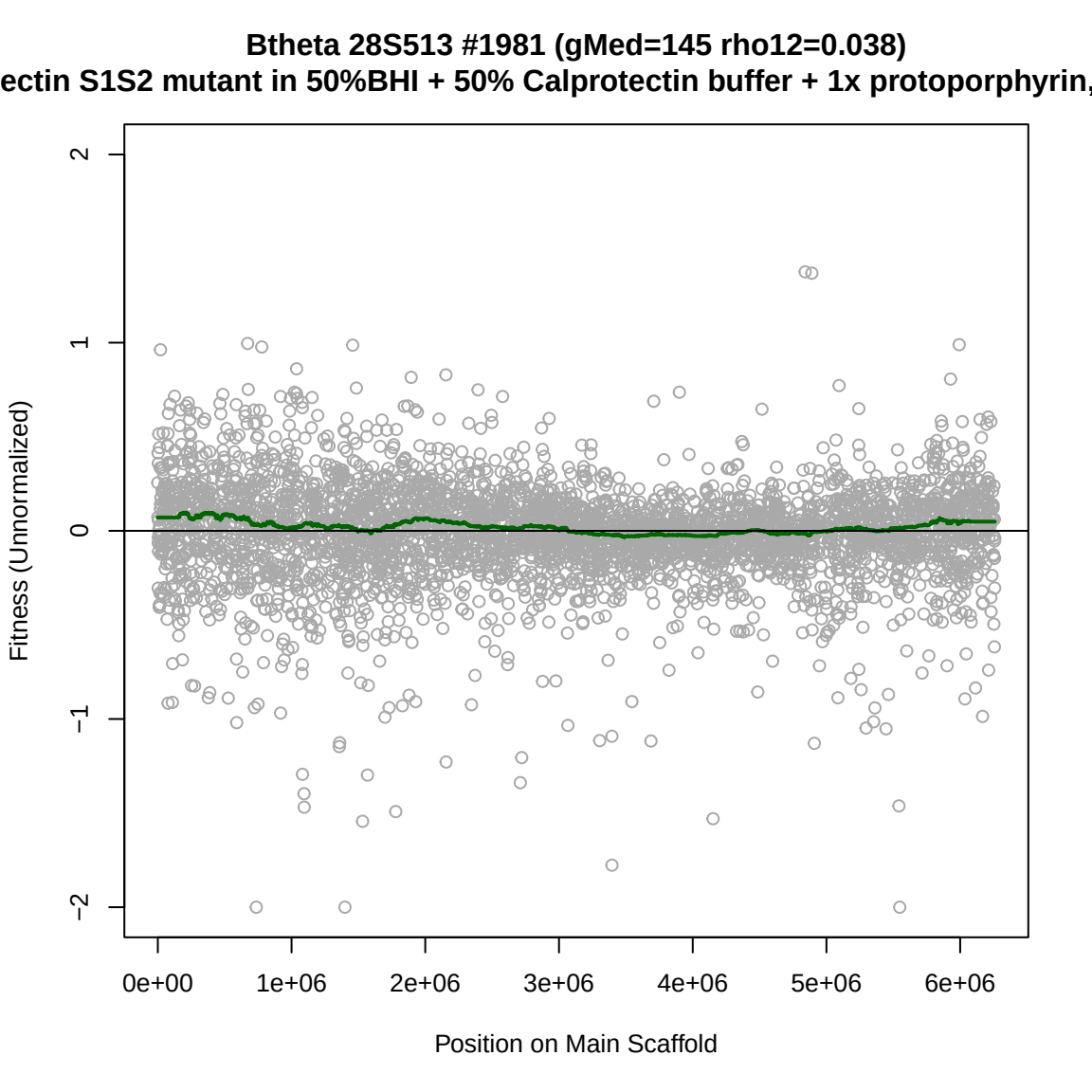

Btheta 28S508 #1976 (gMed=133 rho12=0.044)
otectin S1 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

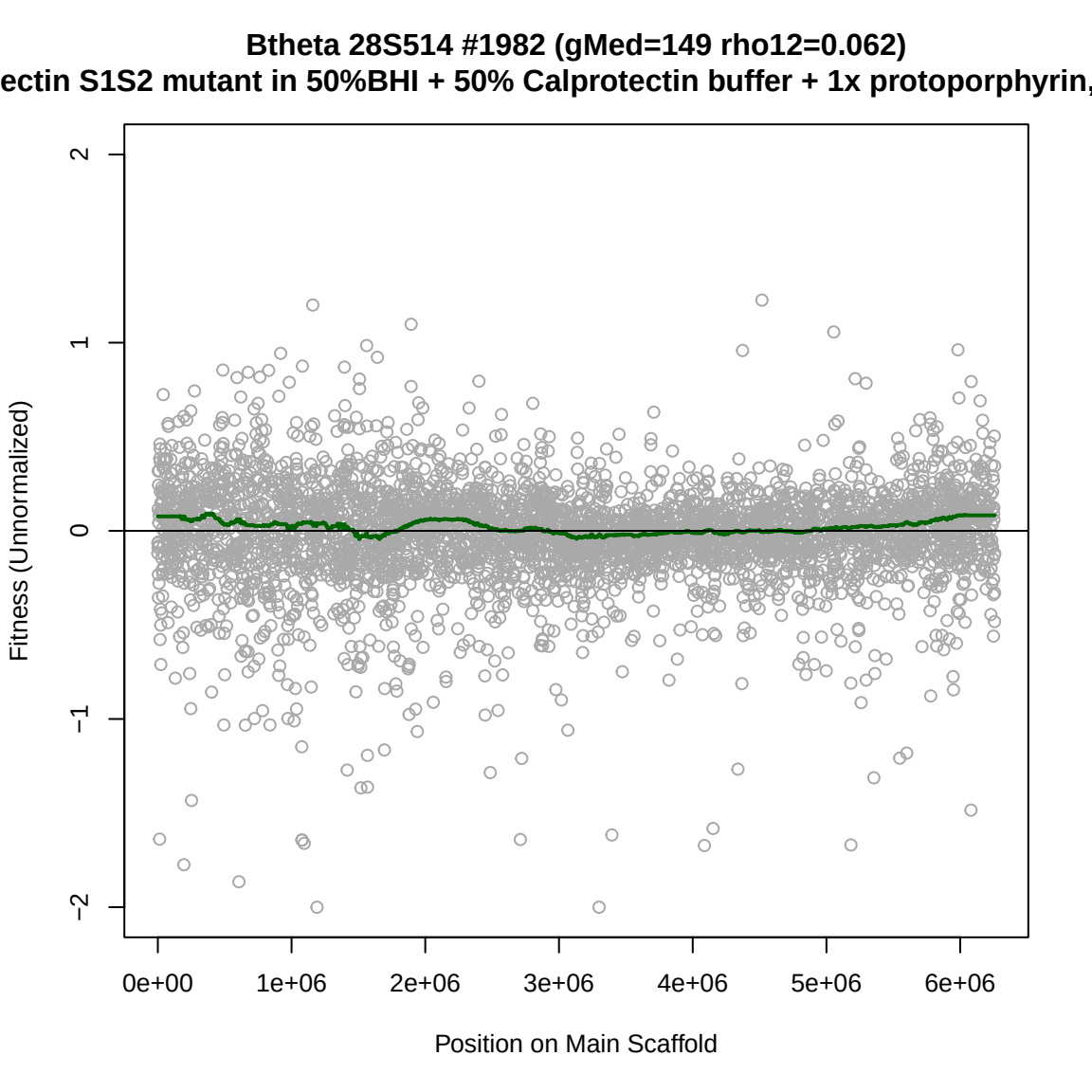

Btheta 28S509 #1977 (gMed=143 rho12=0.052)
otectin S1 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

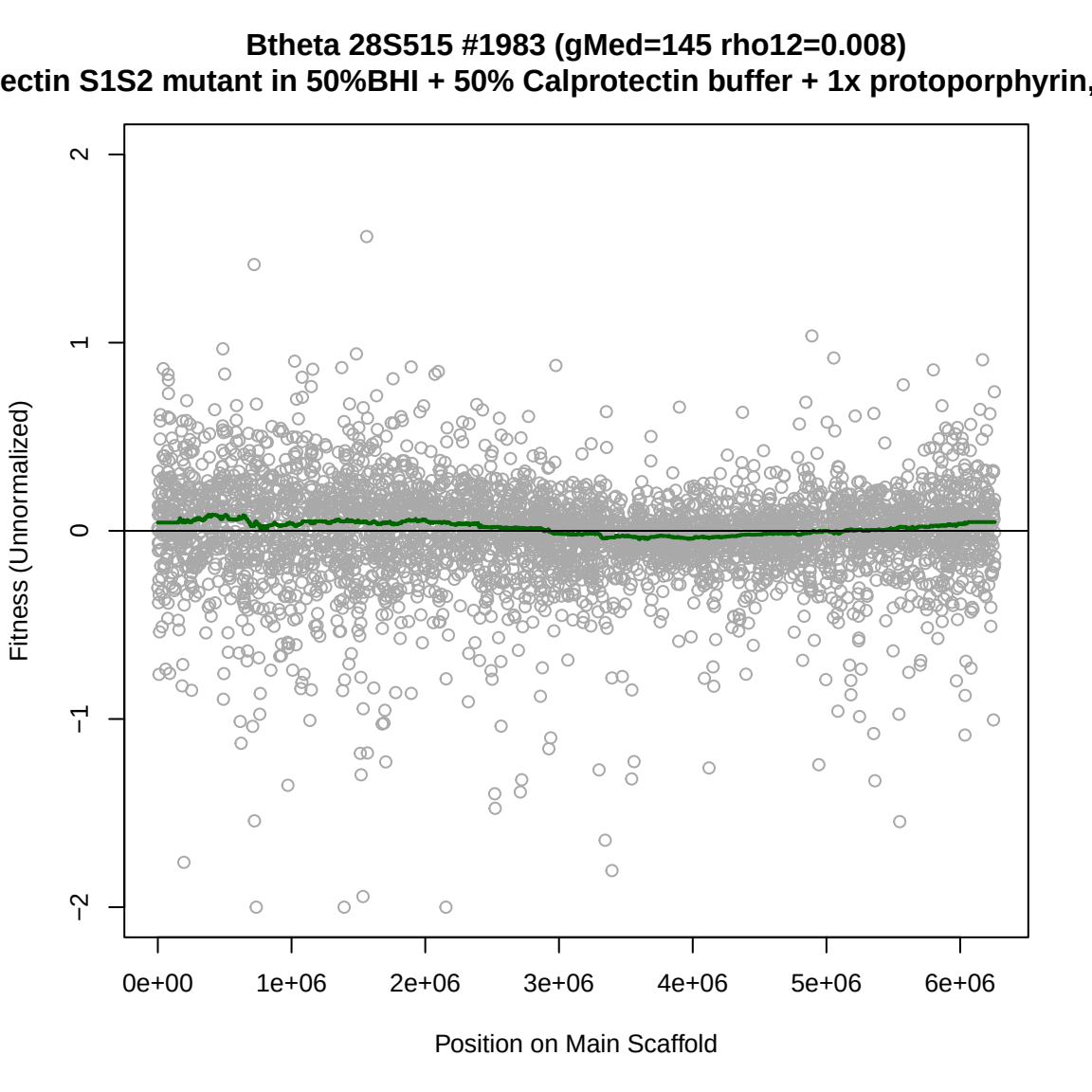

Btheta 28S510 #1978 (gMed=145 rho12=0.028)
otectin S1 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin, c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

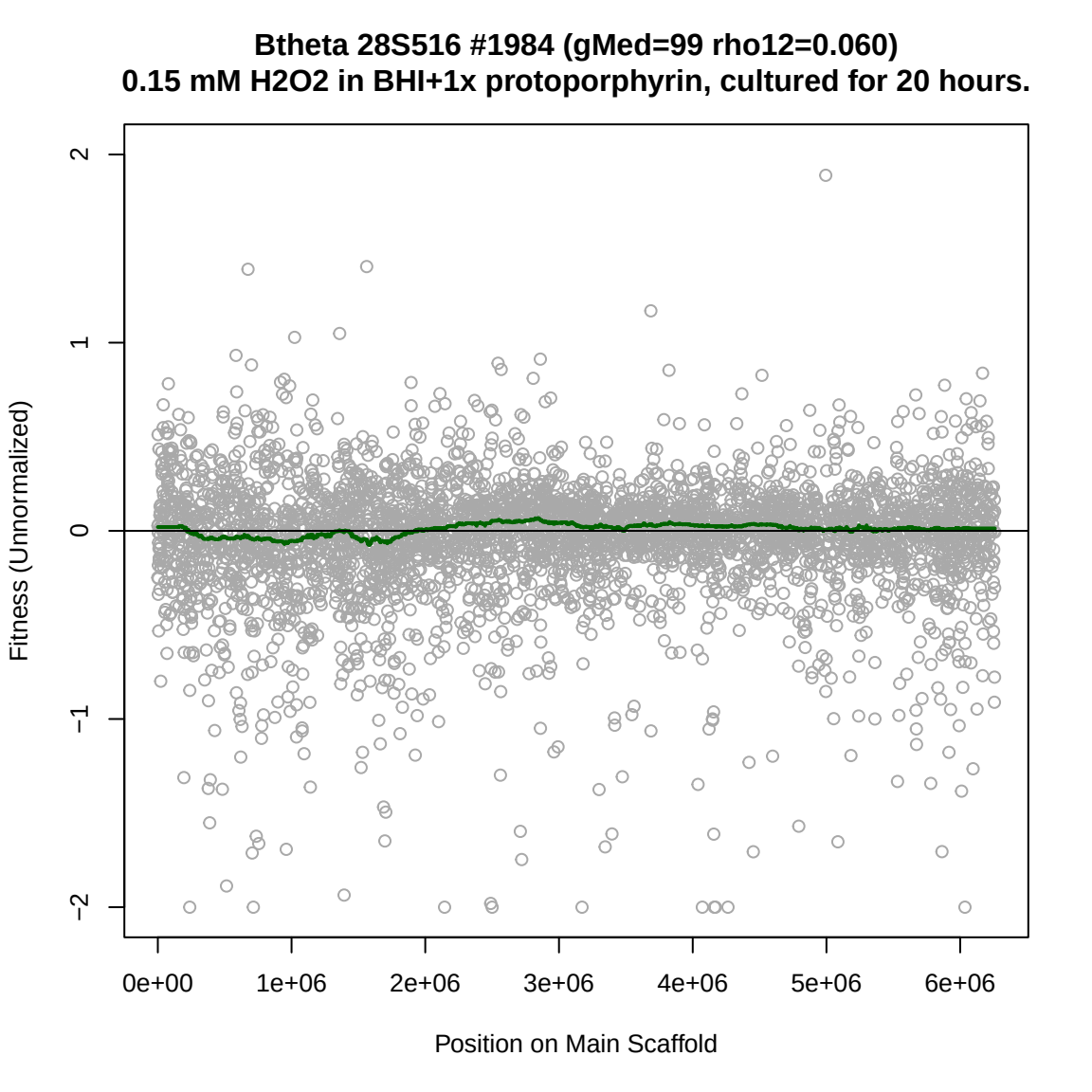

Btheta 28S511 #1979 (gMed=148 rho12=−0.009)
ectin S1S2 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

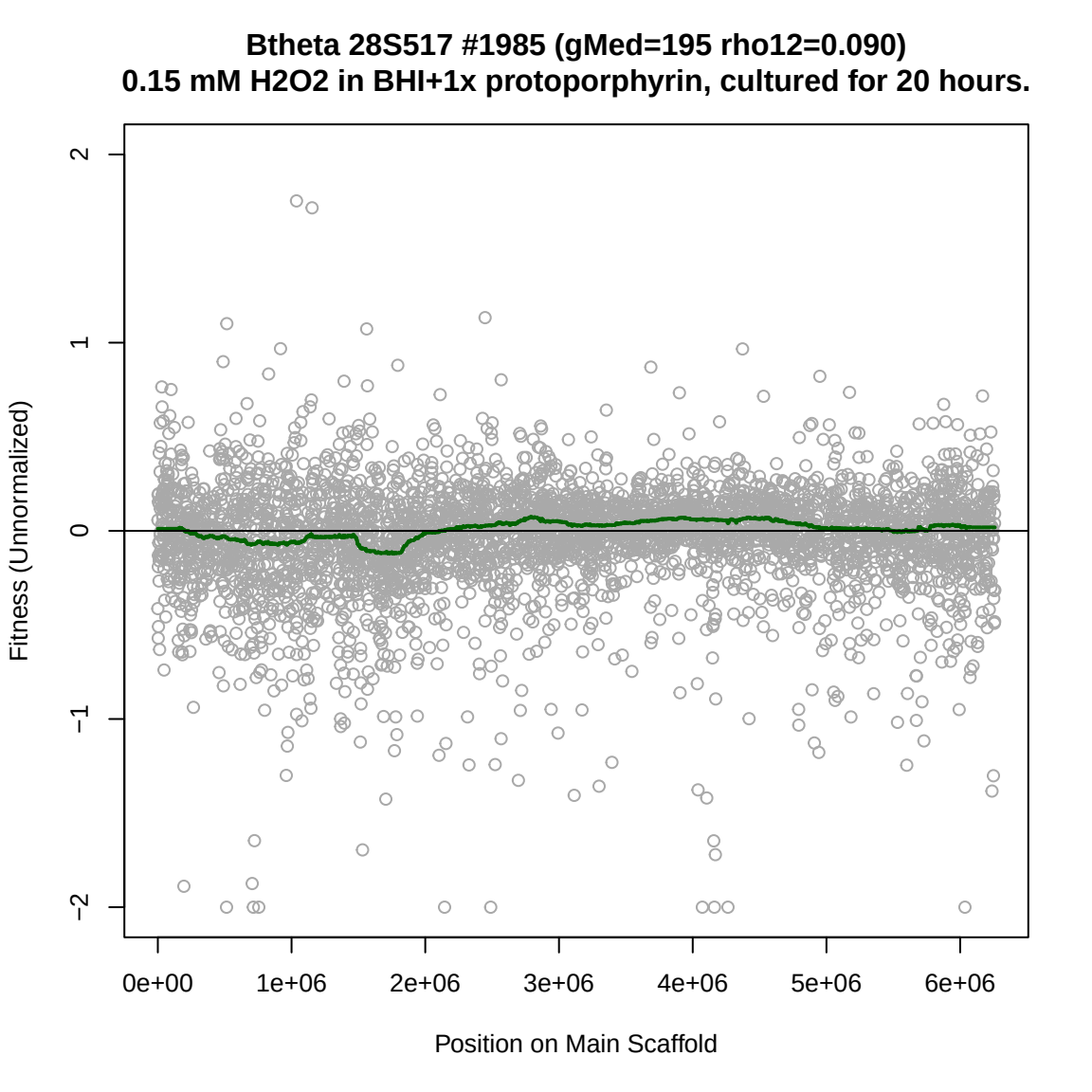

Btheta 28S512 #1980 (gMed=151 rho12=0.010)
ectin S1S2 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

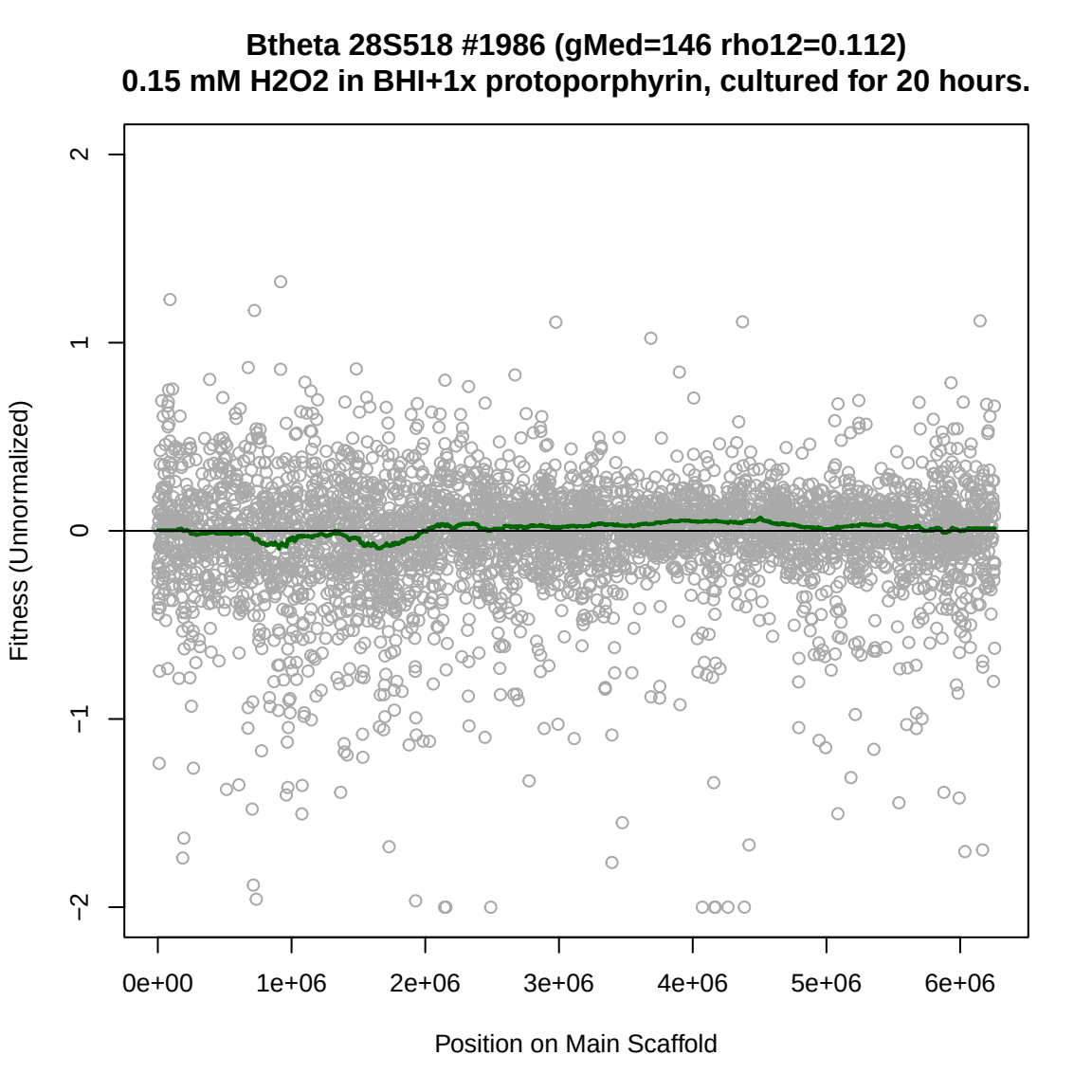

Btheta 28S513 #1981 (gMed=145 rho12=0.038)
ectin S1S2 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

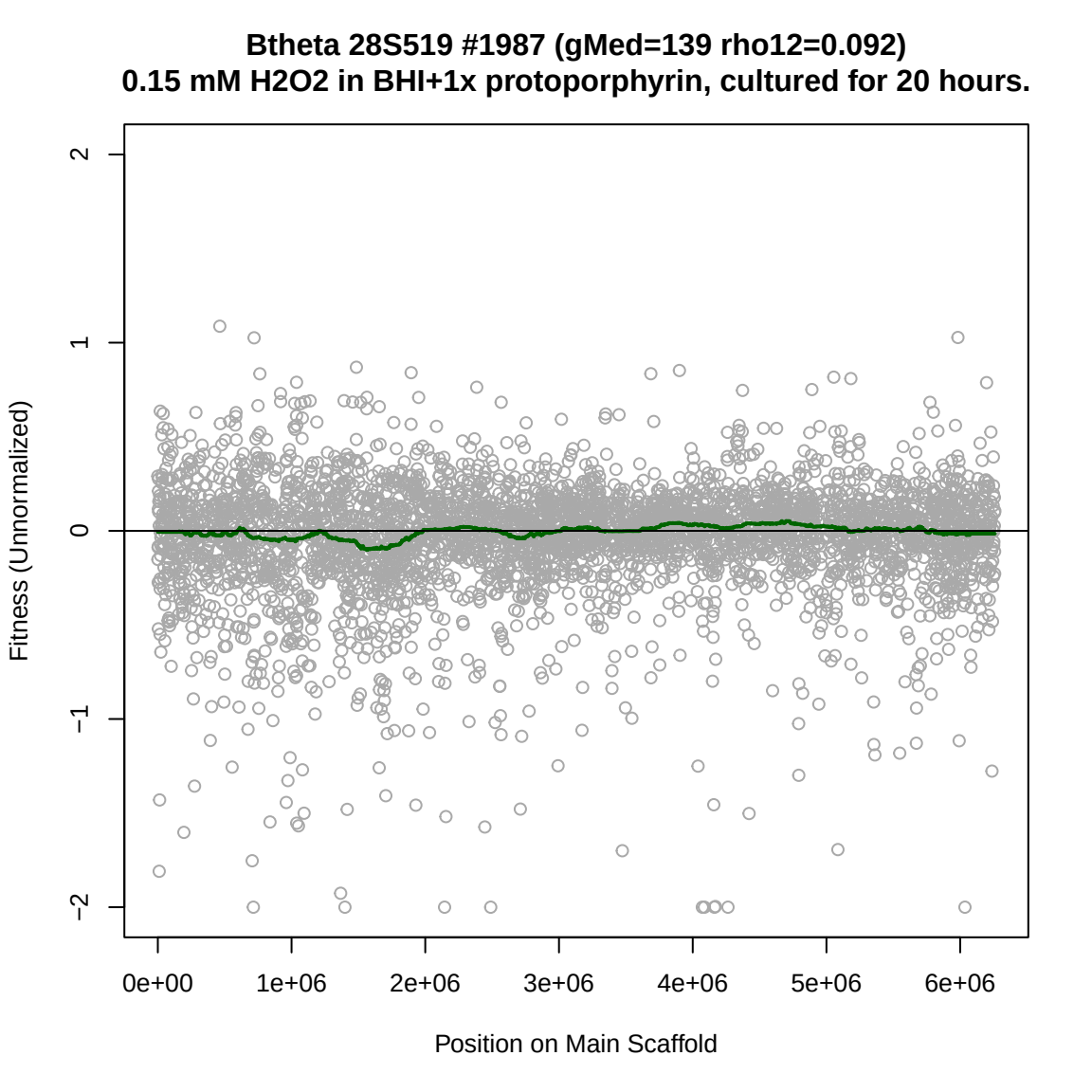

Btheta 28S514 #1982 (gMed=149 rho12=0.062)
ectin S1S2 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

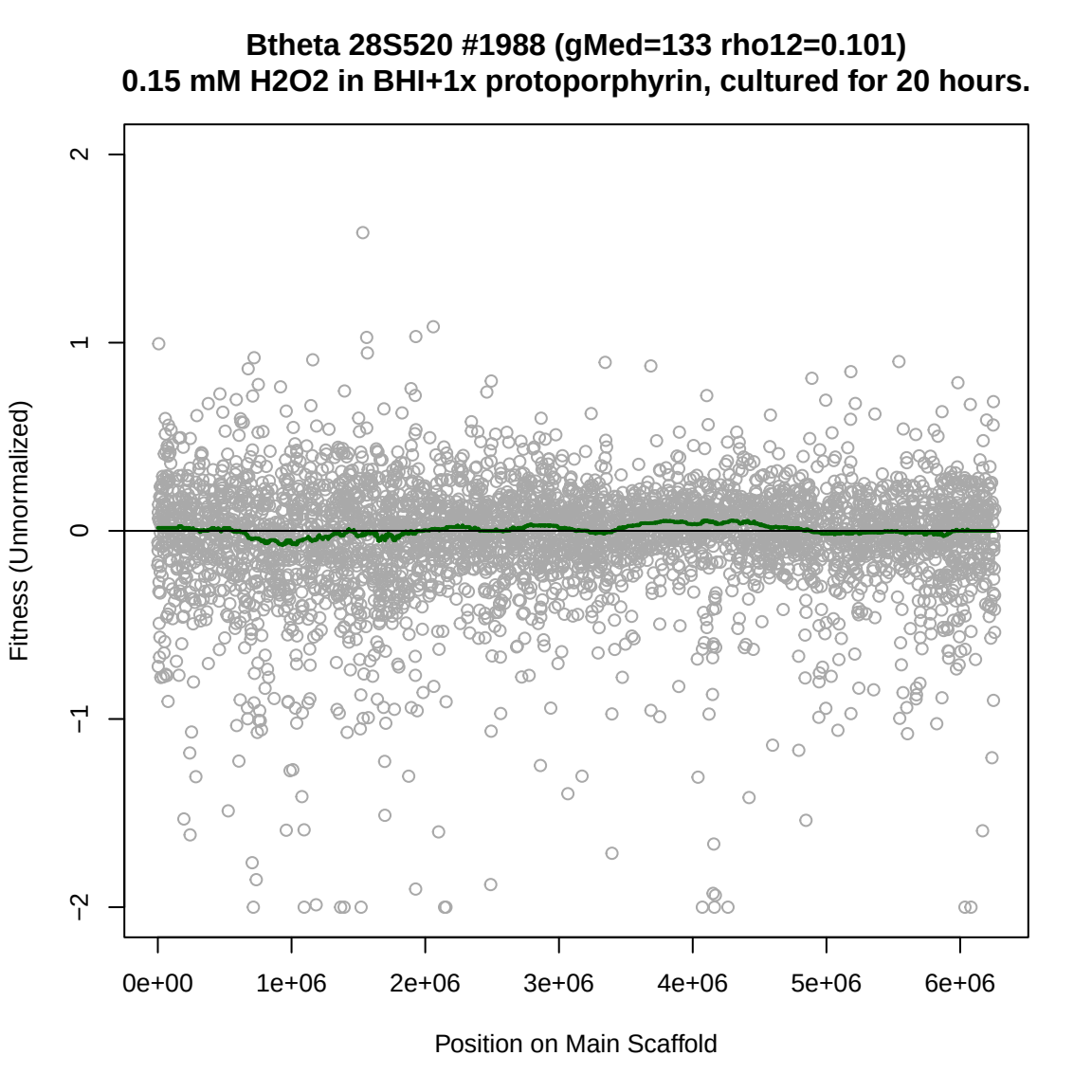

Btheta 28S515 #1983 (gMed=145 rho12=0.008)
ectin S1S2 mutant in 50%BHI + 50% Calprotectin buffer + 1x protoporphyrin,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

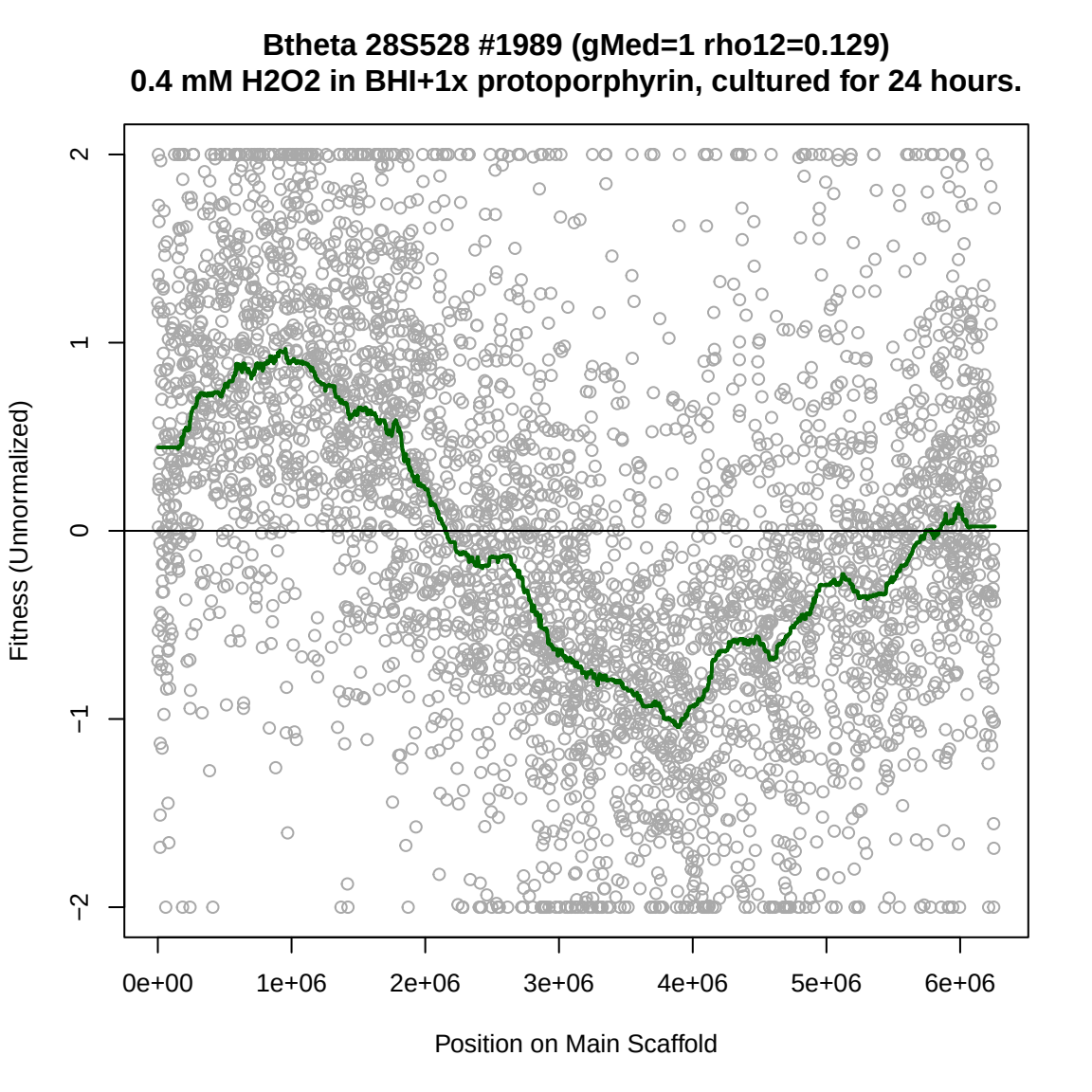

Btheta 28S516 #1984 (gMed=99 rho12=0.060)
0.15 mM H2O2 in BHI+1x protoporphyrin, cultured for 20 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

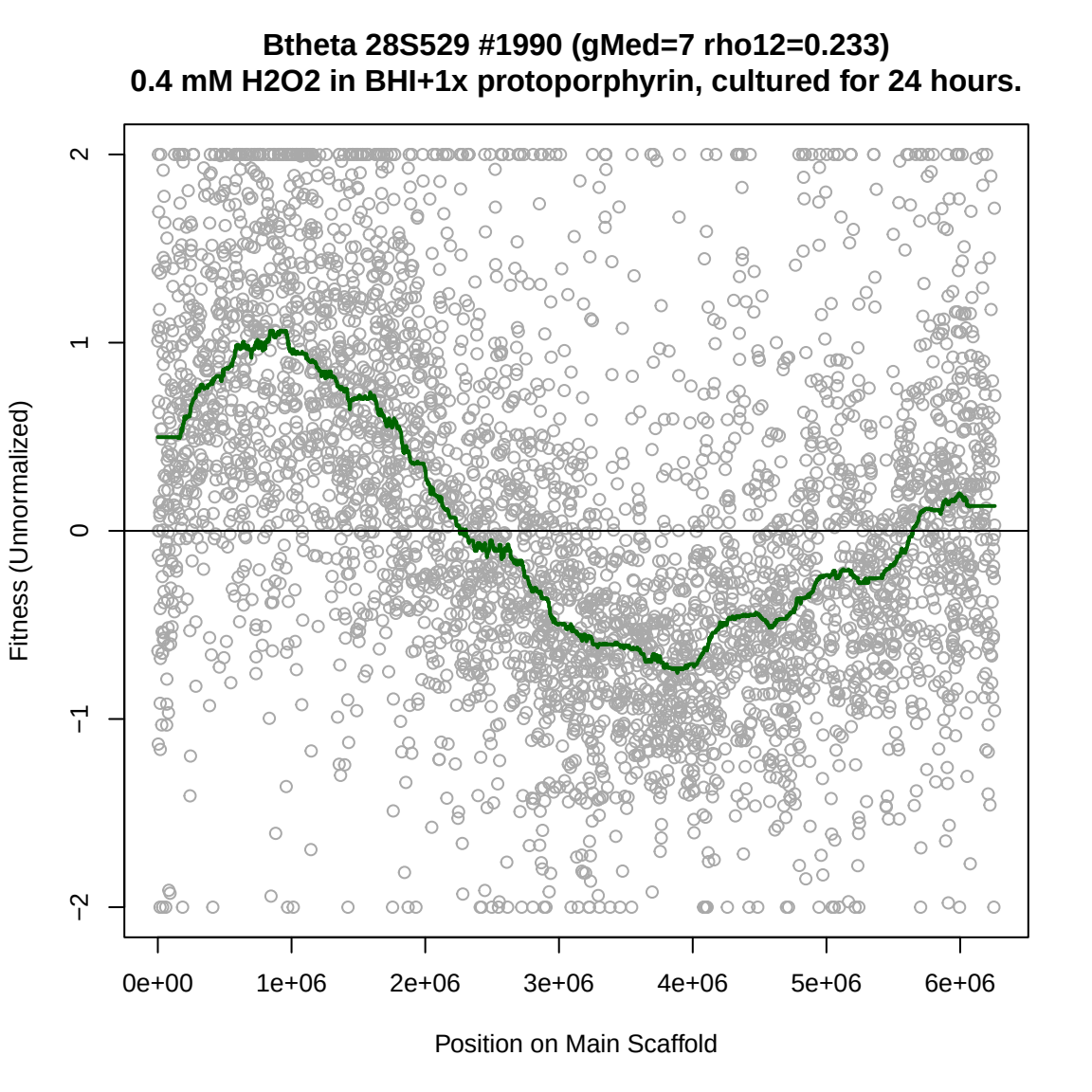

Btheta 28S517 #1985 (gMed=195 rho12=0.090)
0.15 mM H2O2 in BHI+1x protoporphyrin, cultured for 20 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

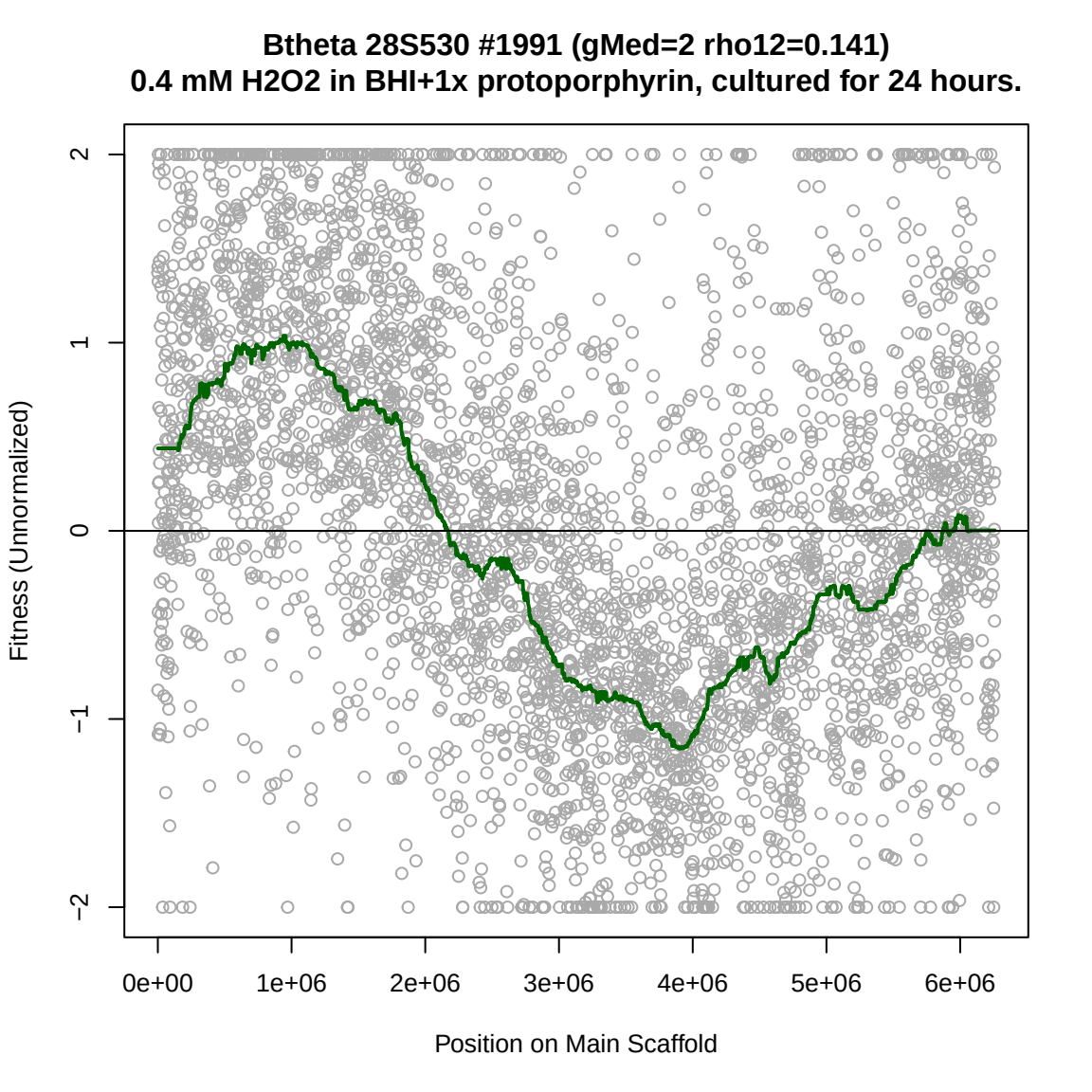

Btheta 28S518 #1986 (gMed=146 rho12=0.112)
0.15 mM H2O2 in BHI+1x protoporphyrin, cultured for 20 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

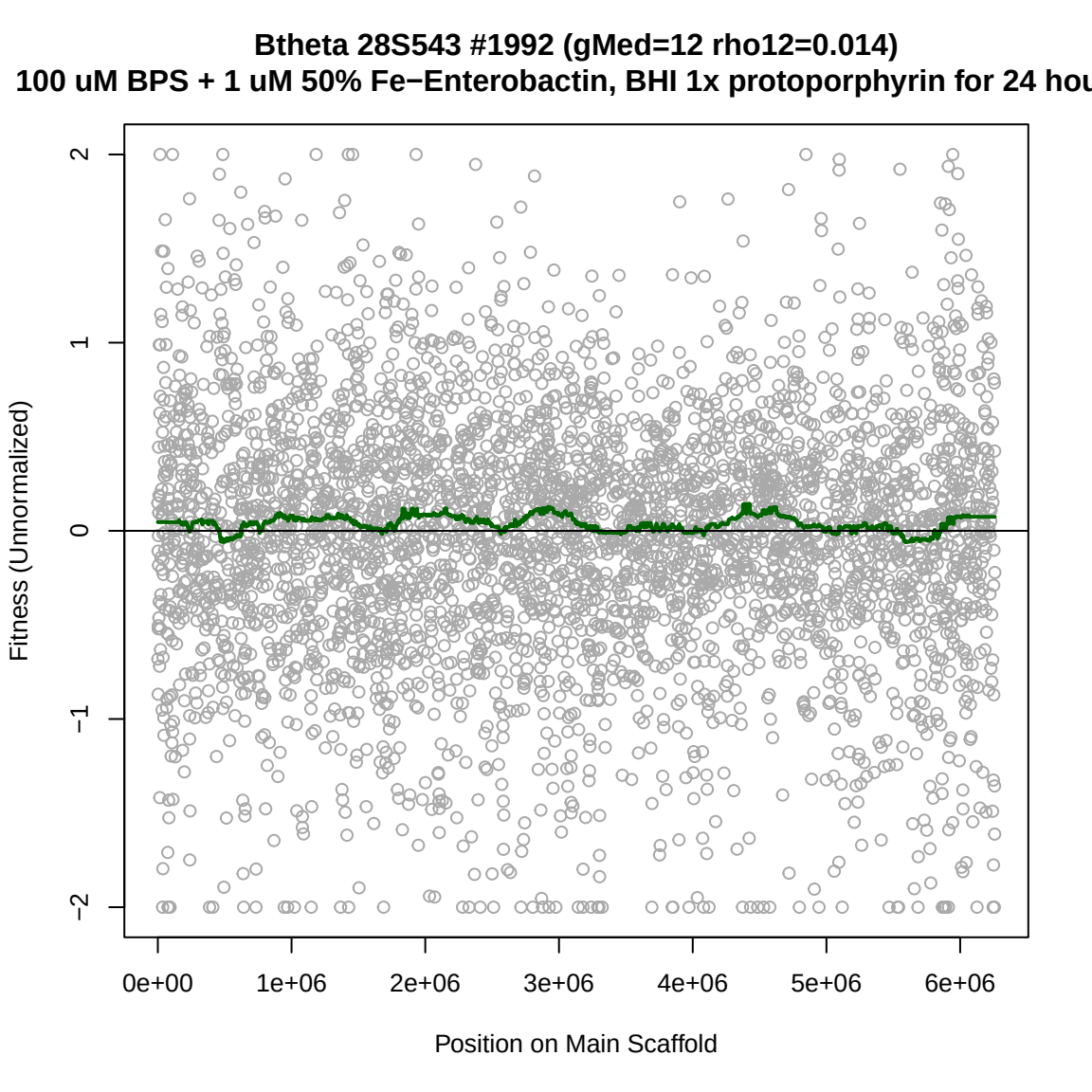

Btheta 28S519 #1987 (gMed=139 rho12=0.092)
0.15 mM H2O2 in BHI+1x protoporphyrin, cultured for 20 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

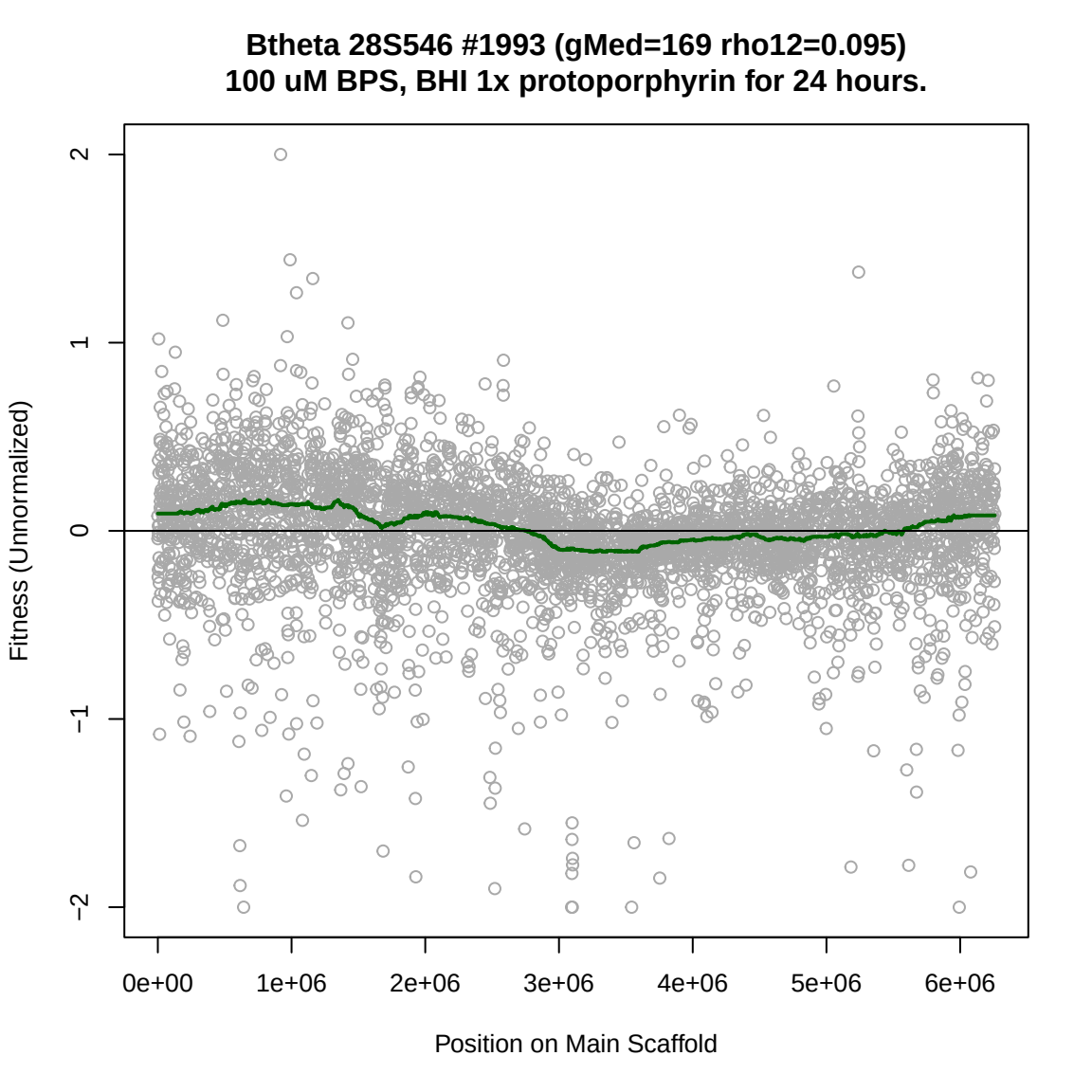

Btheta 28S520 #1988 (gMed=133 rho12=0.101)
0.15 mM H2O2 in BHI+1x protoporphyrin, cultured for 20 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

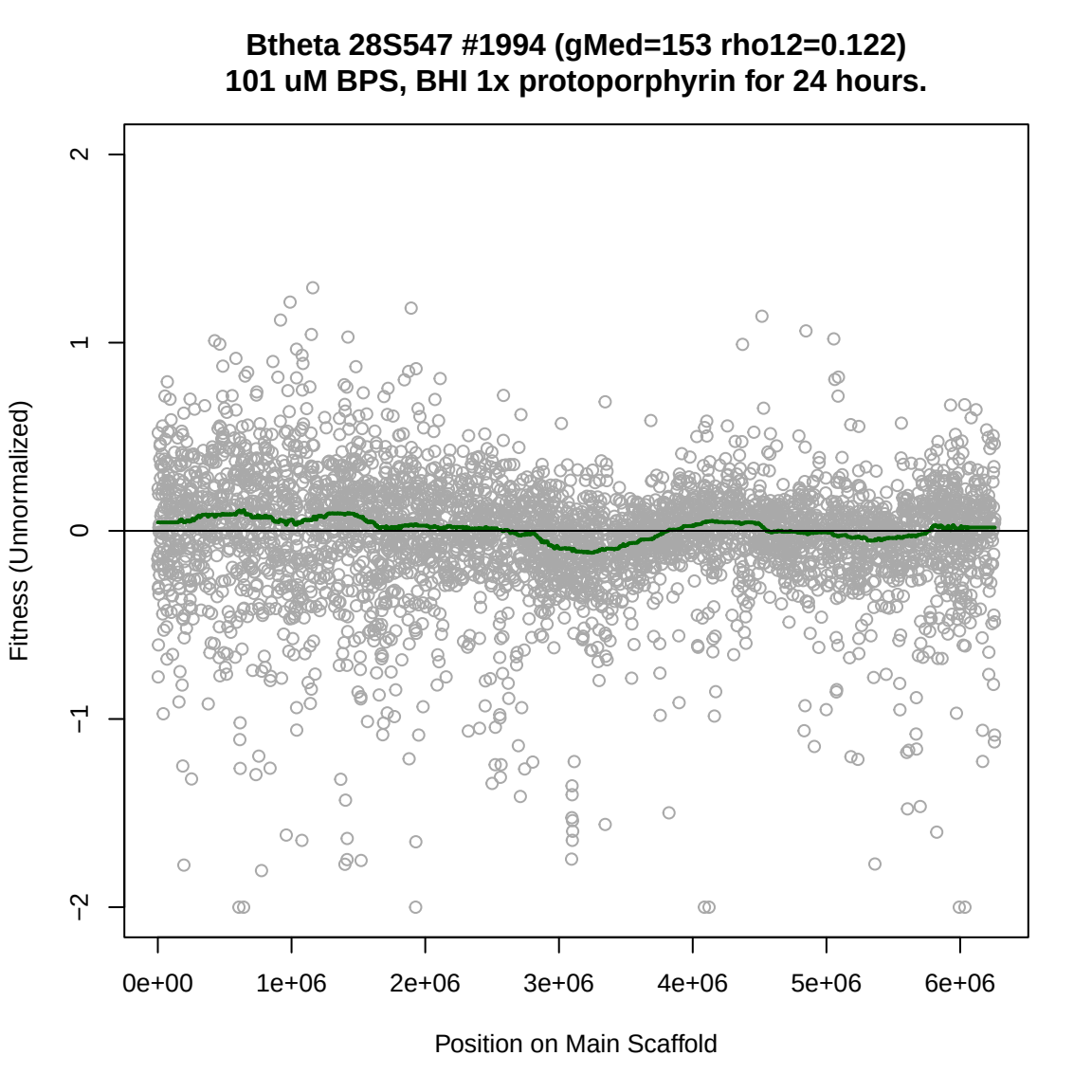

Btheta 28S528 #1989 (gMed=1 rho12=0.129)
0.4 mM H2O2 in BHI+1x protoporphyrin, cultured for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

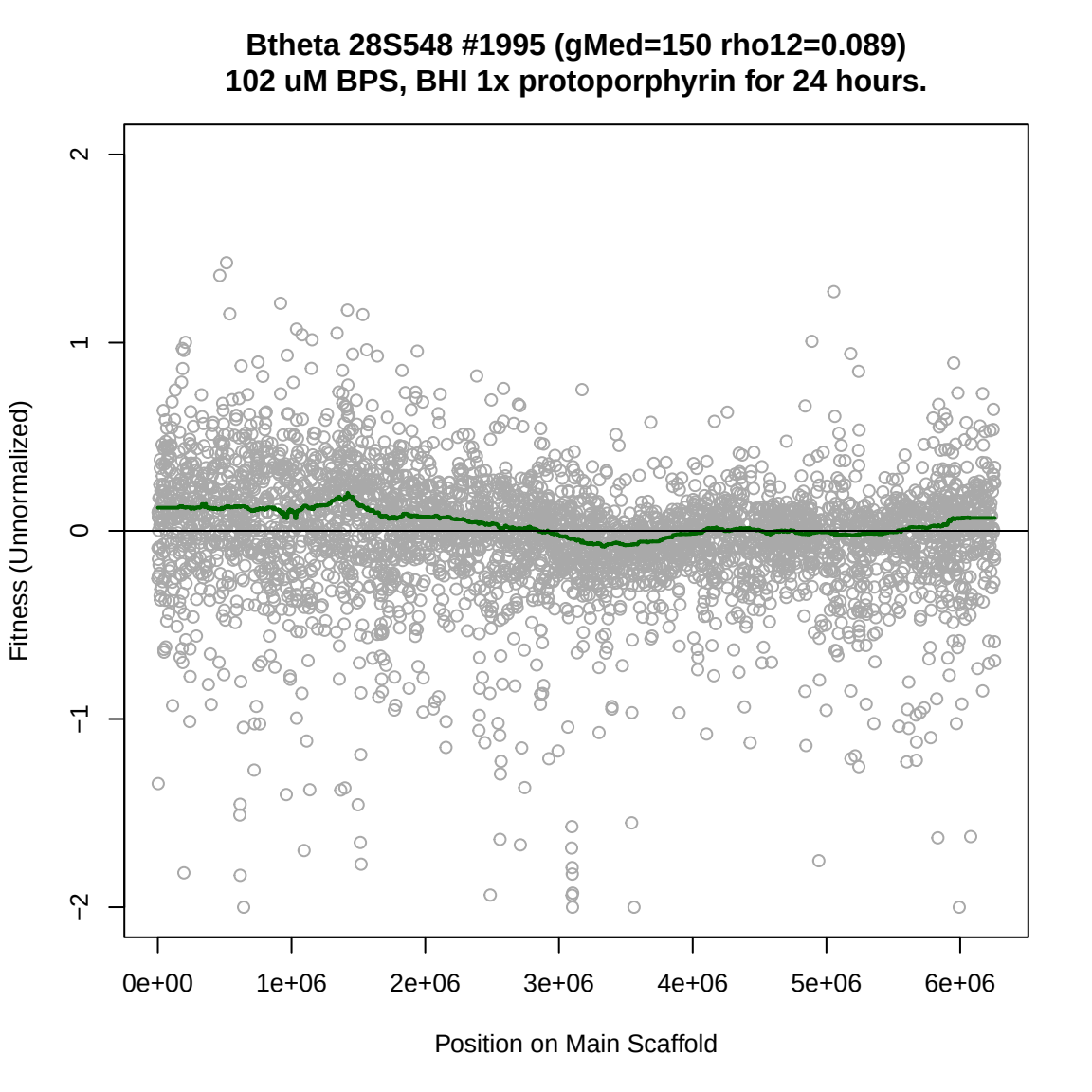

Btheta 28S529 #1990 (gMed=7 rho12=0.233)
0.4 mM H2O2 in BHI+1x protoporphyrin, cultured for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

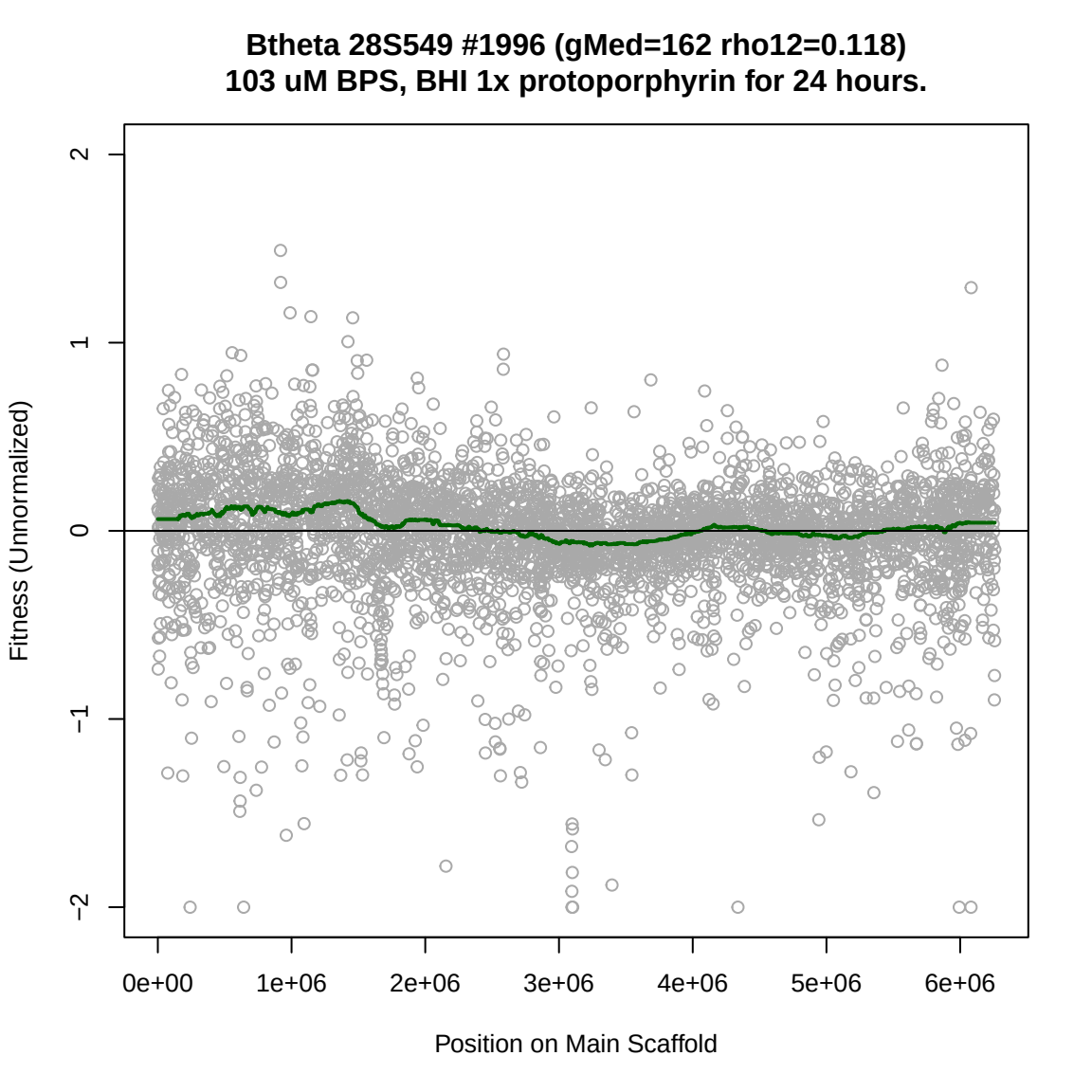

Btheta 28S530 #1991 (gMed=2 rho12=0.141)
0.4 mM H2O2 in BHI+1x protoporphyrin, cultured for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

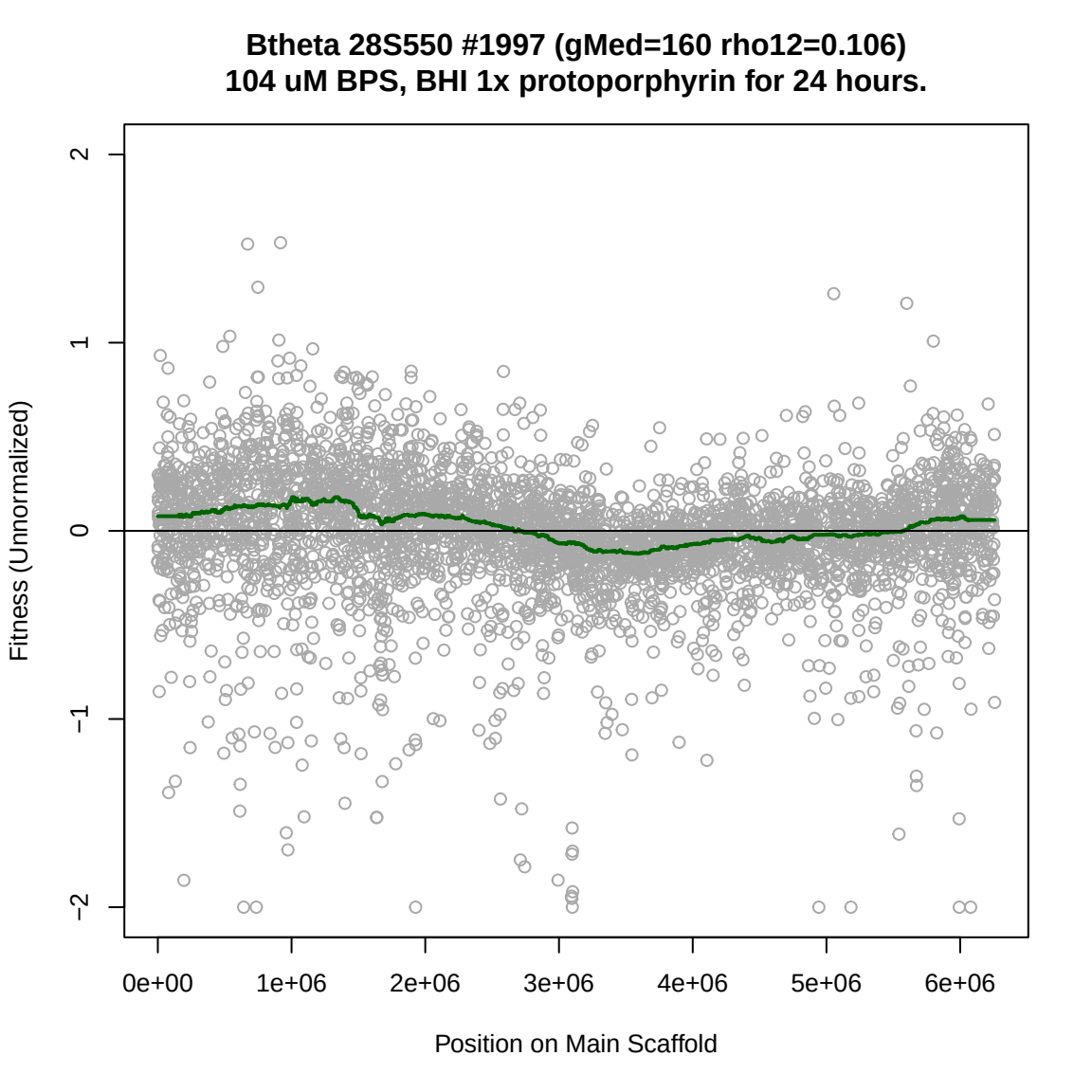

Btheta 28S543 #1992 (gMed=12 rho12=0.014)
100 uM BPS + 1 uM 50% Fe−Enterobactin, BHI 1x protoporphyrin for 24 hou
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

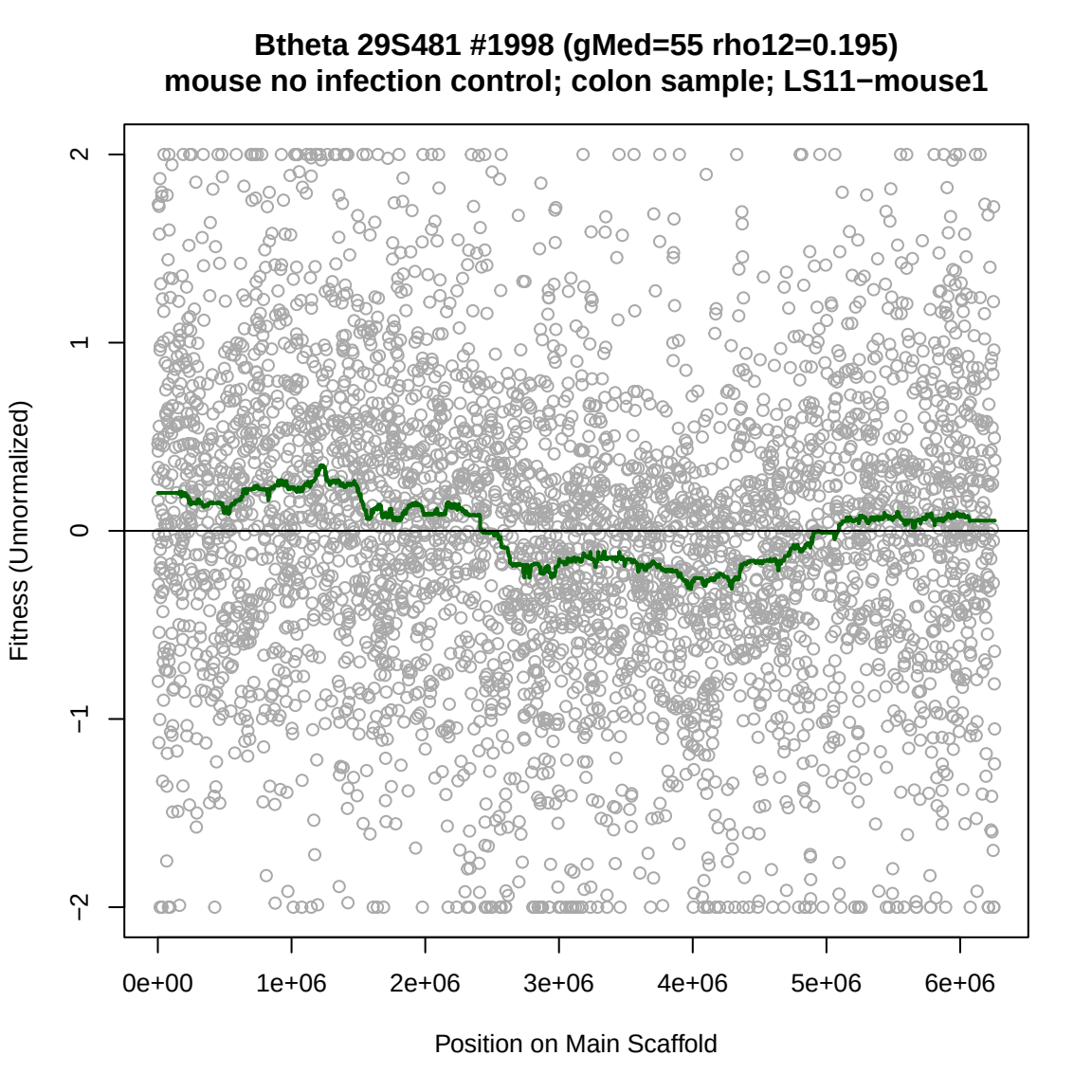

Btheta 28S546 #1993 (gMed=169 rho12=0.095)
100 uM BPS, BHI 1x protoporphyrin for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

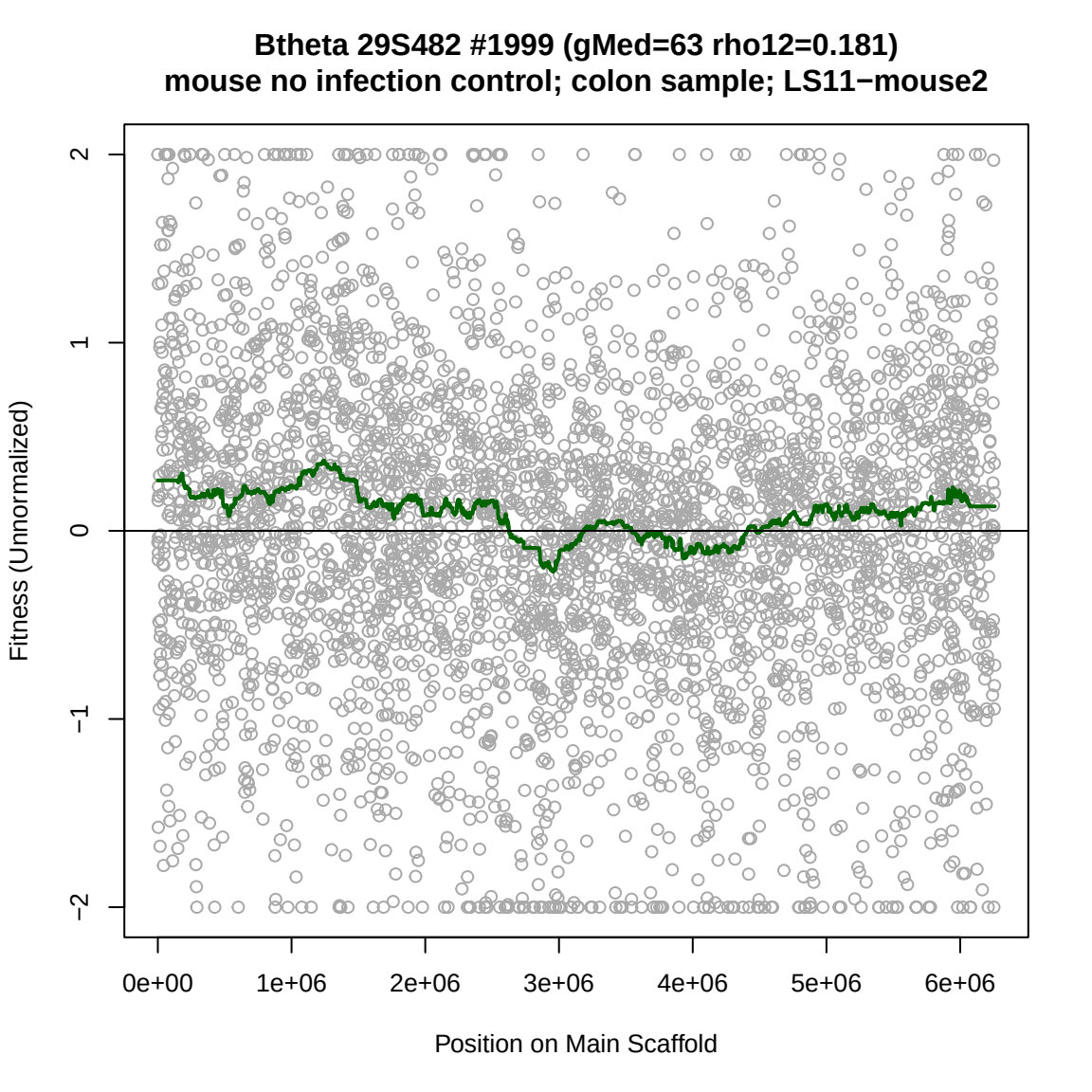

Btheta 28S547 #1994 (gMed=153 rho12=0.122)
101 uM BPS, BHI 1x protoporphyrin for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

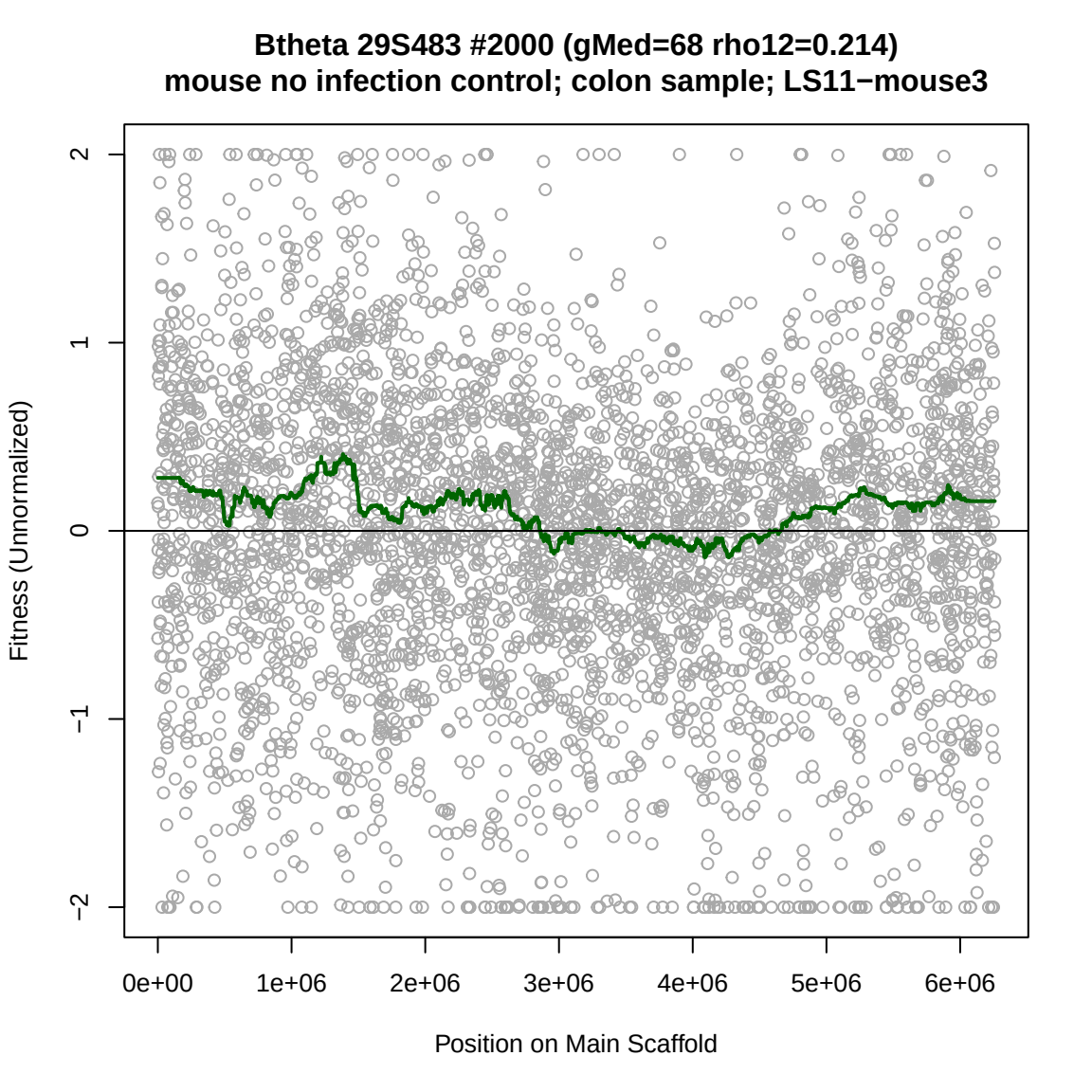

Btheta 28S548 #1995 (gMed=150 rho12=0.089)
102 uM BPS, BHI 1x protoporphyrin for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

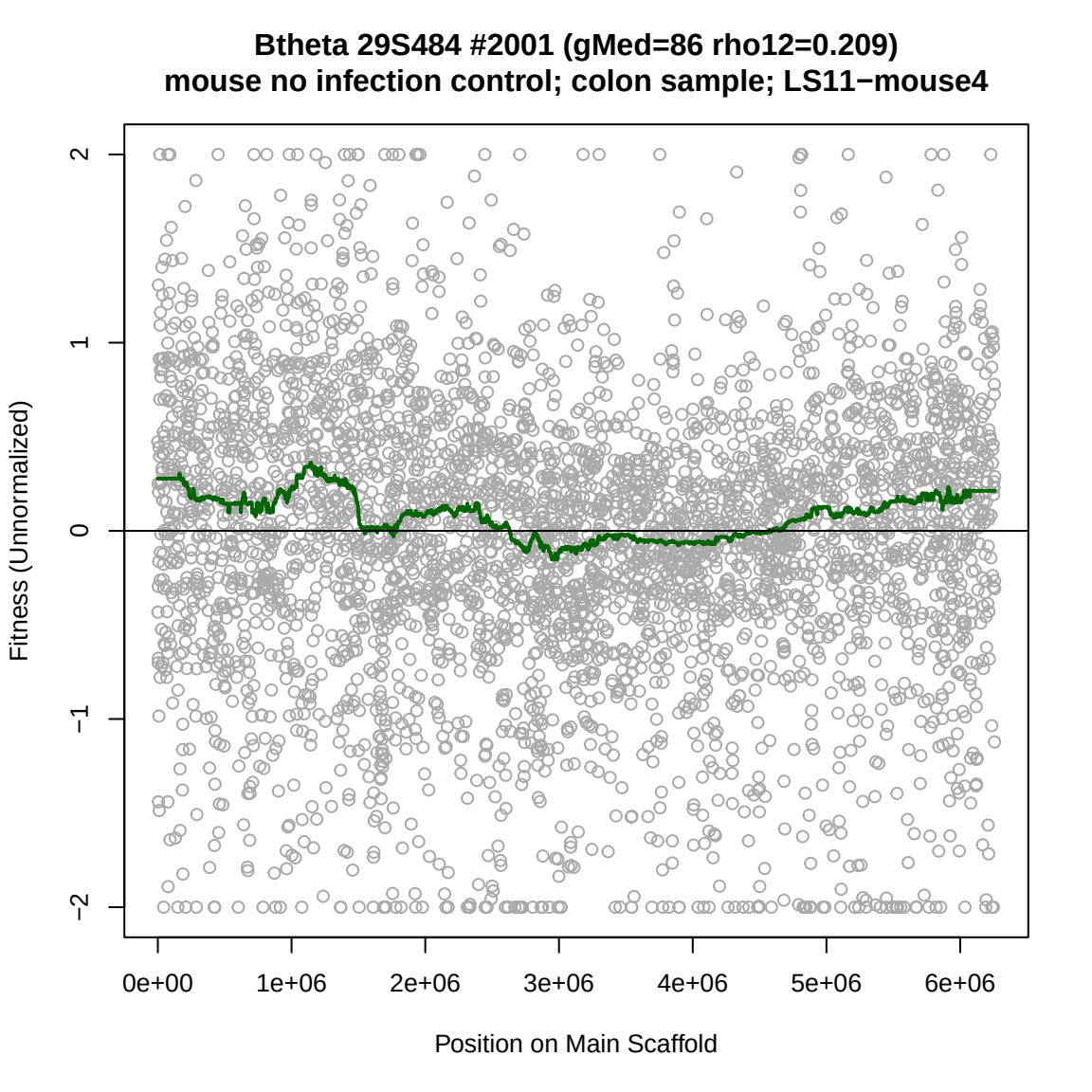

Btheta 28S549 #1996 (gMed=162 rho12=0.118)
103 uM BPS, BHI 1x protoporphyrin for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

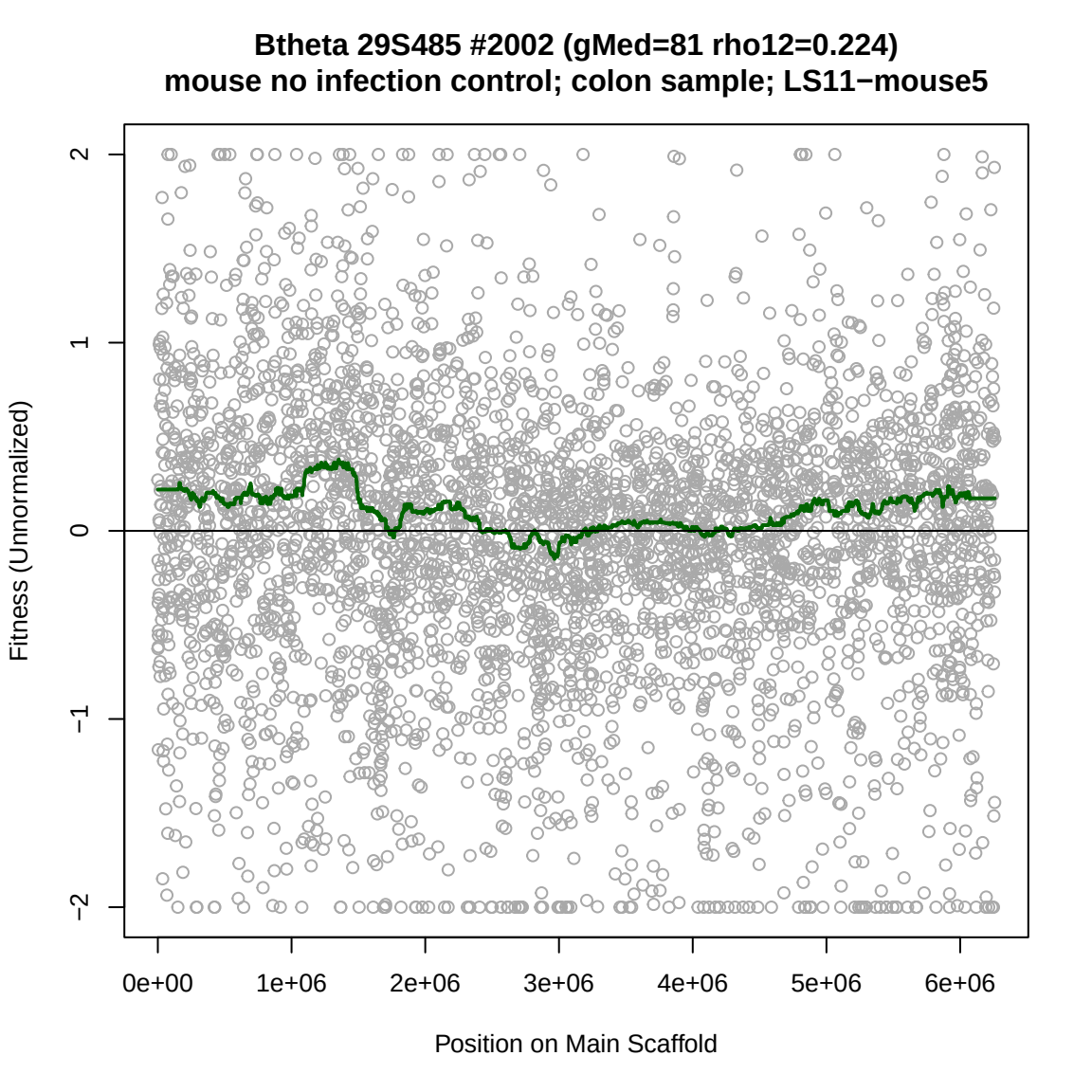

Btheta 28S550 #1997 (gMed=160 rho12=0.106)
104 uM BPS, BHI 1x protoporphyrin for 24 hours.
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

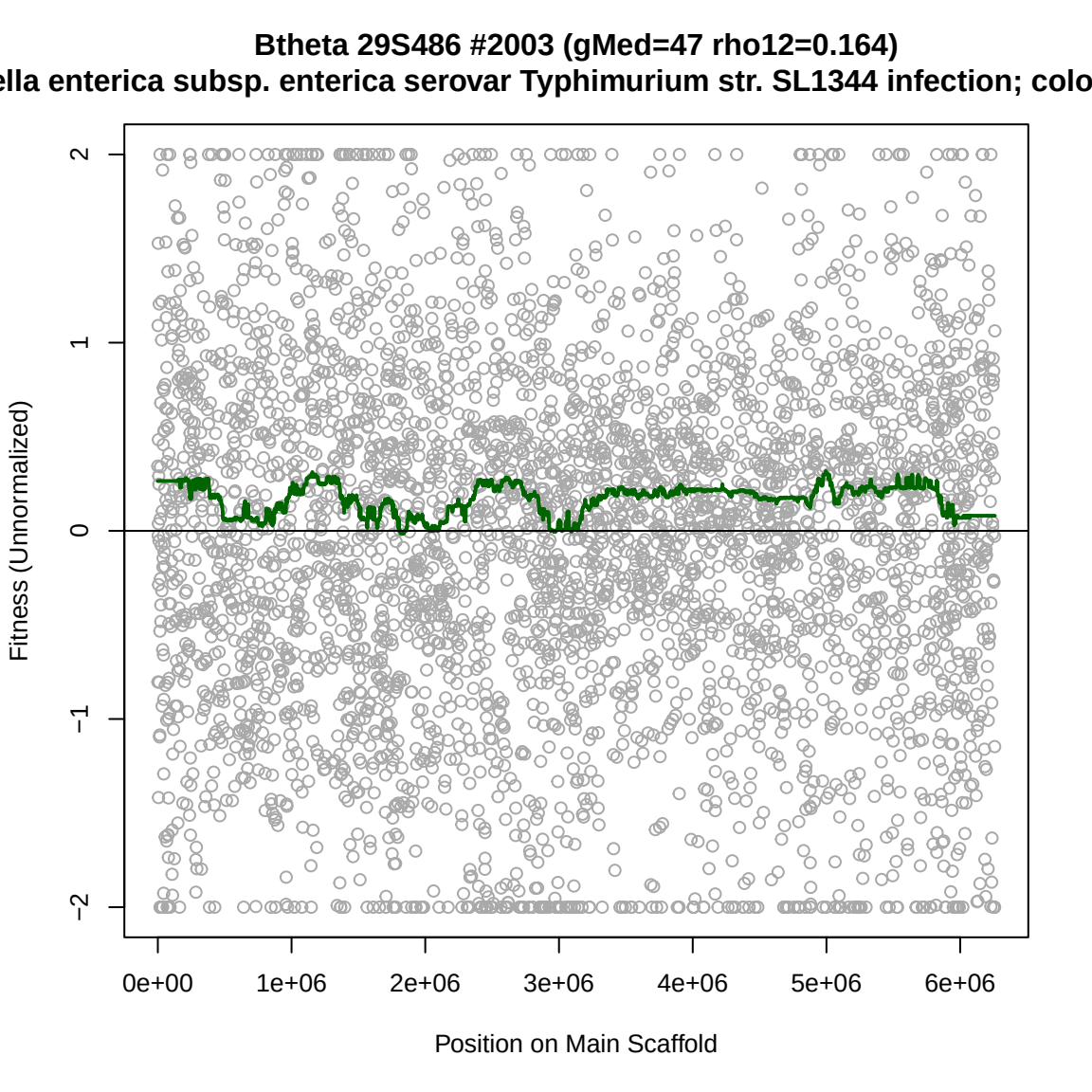

Btheta 29S481 #1998 (gMed=55 rho12=0.195)
mouse no infection control; colon sample; LS11−mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

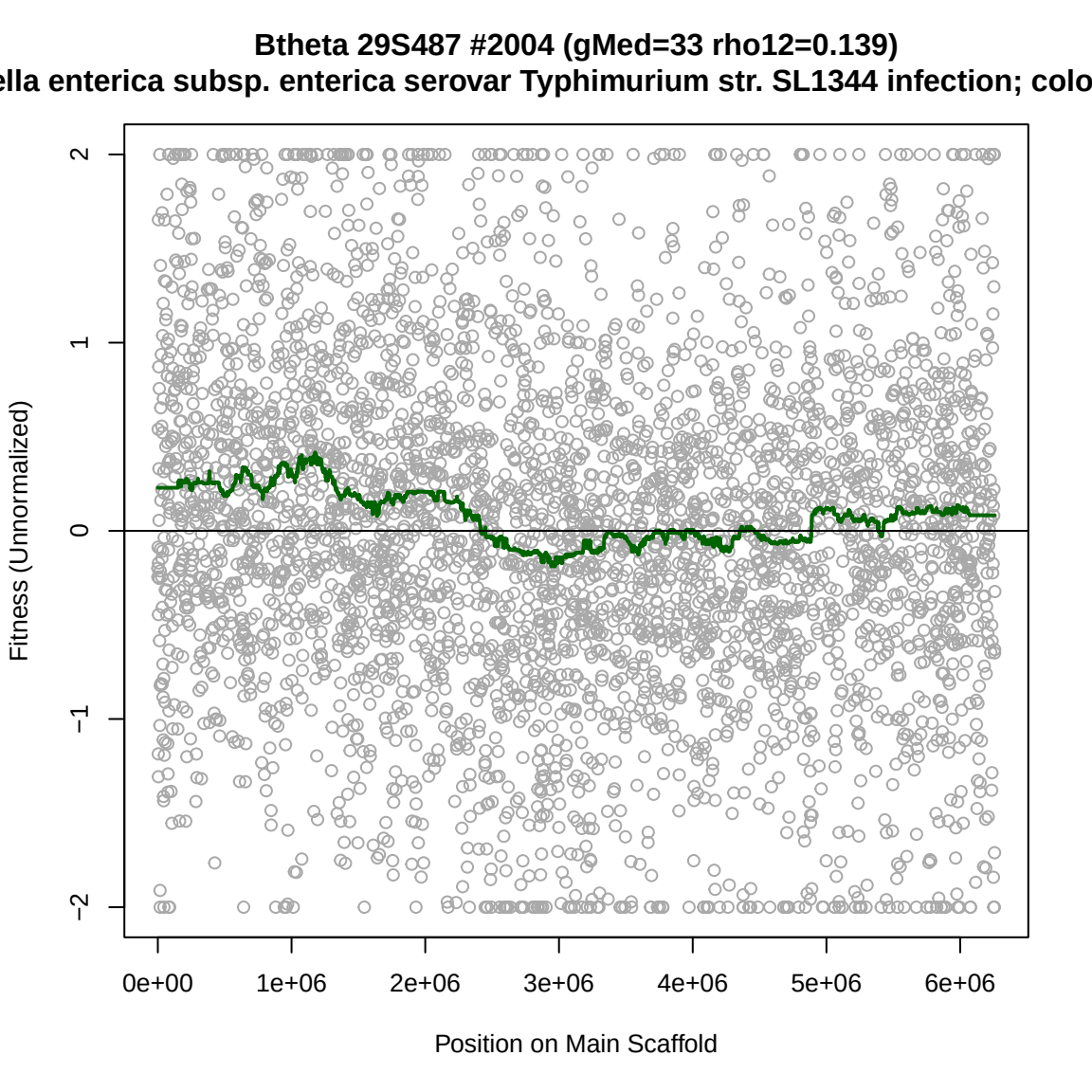

Btheta 29S482 #1999 (gMed=63 rho12=0.181)
mouse no infection control; colon sample; LS11−mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

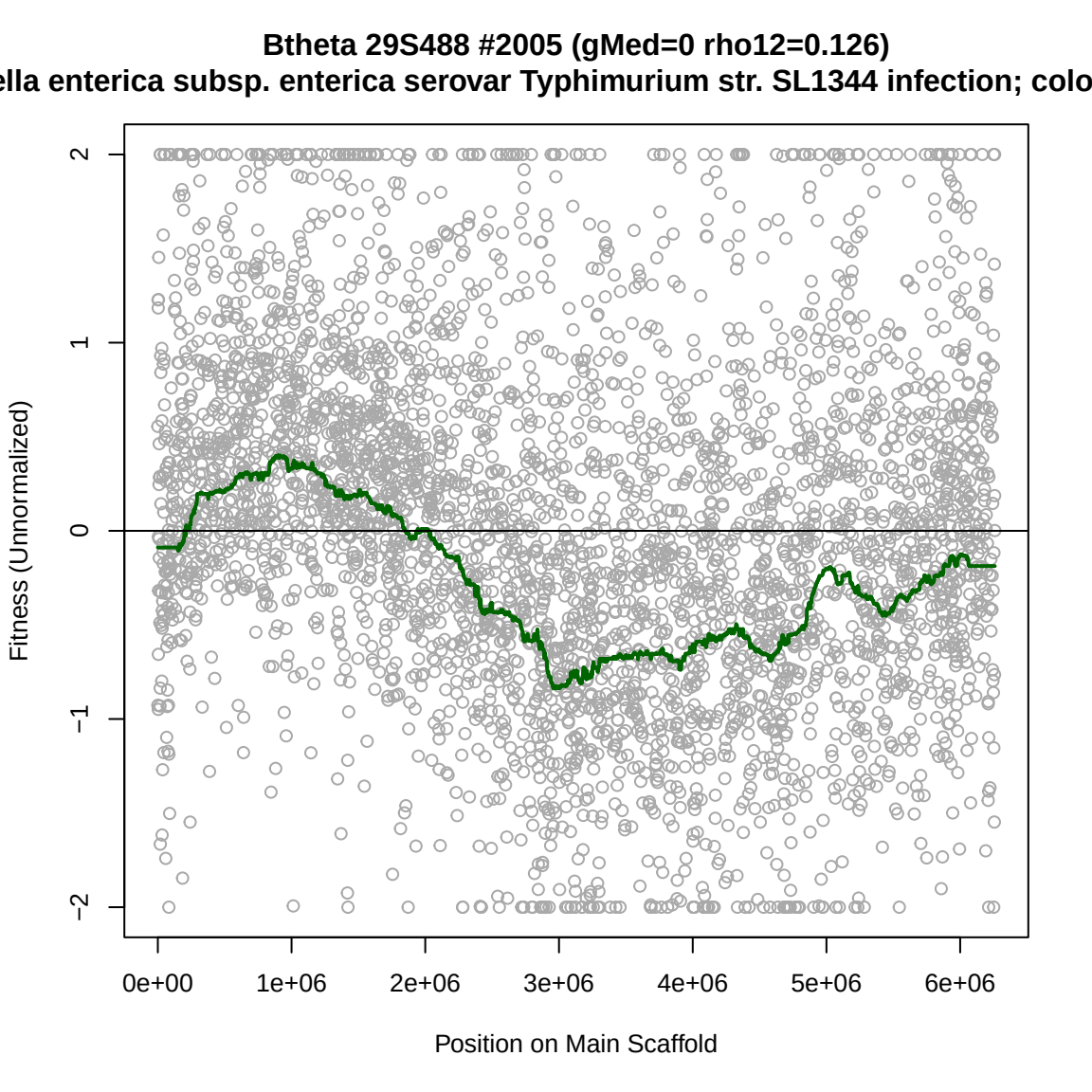

Btheta 29S483 #2000 (gMed=68 rho12=0.214)
mouse no infection control; colon sample; LS11−mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

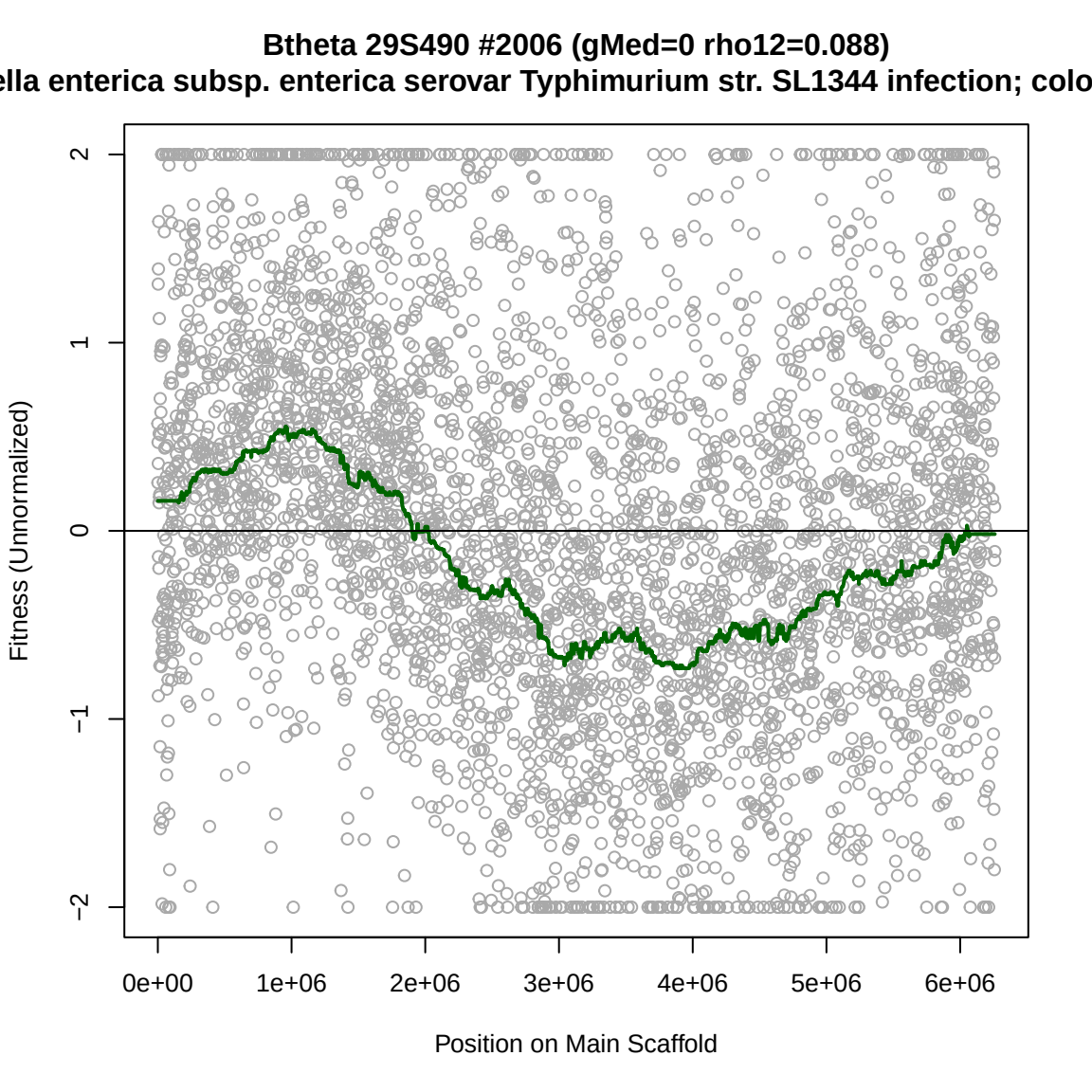

Btheta 29S484 #2001 (gMed=86 rho12=0.209)
mouse no infection control; colon sample; LS11−mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

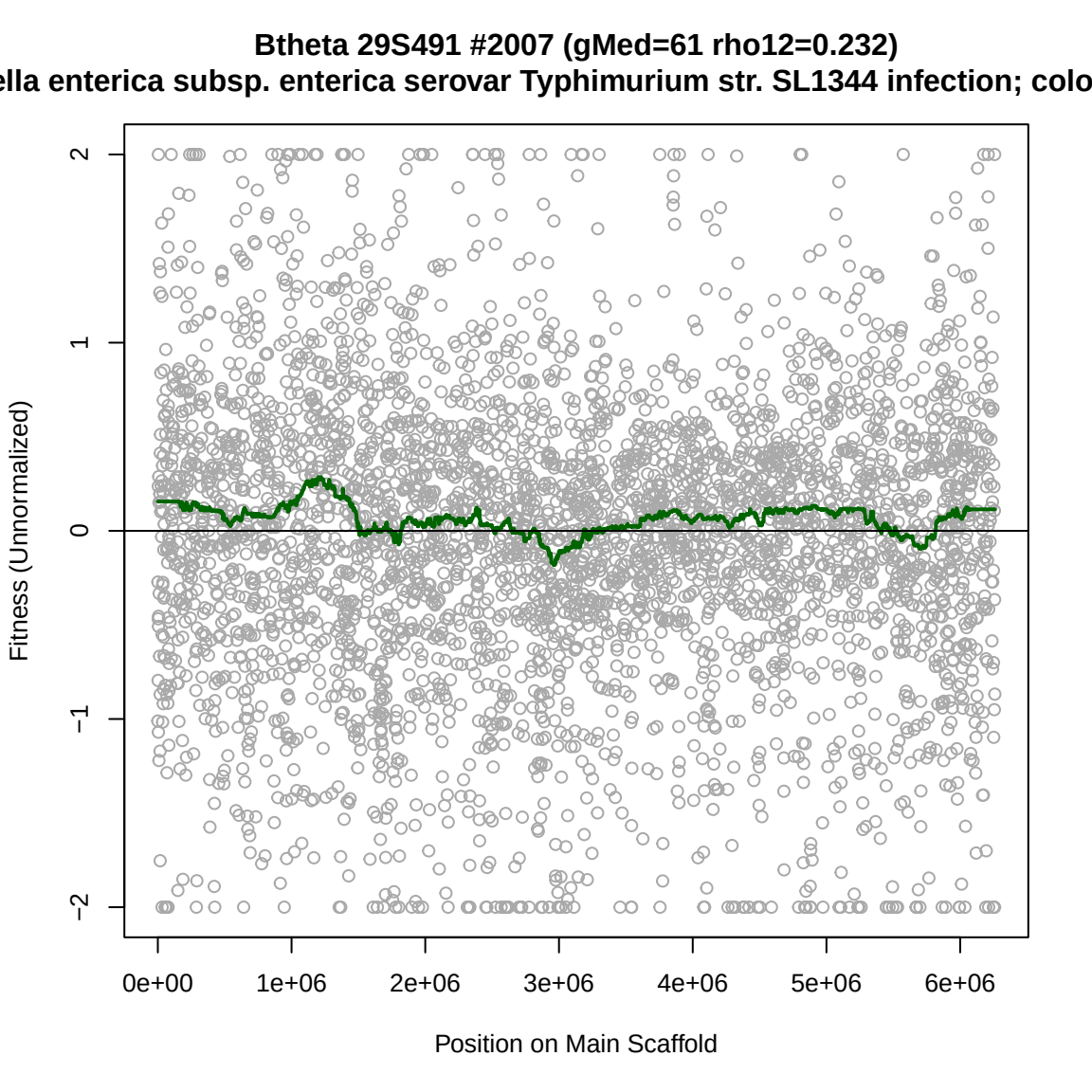

Btheta 29S485 #2002 (gMed=81 rho12=0.224)
mouse no infection control; colon sample; LS11−mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

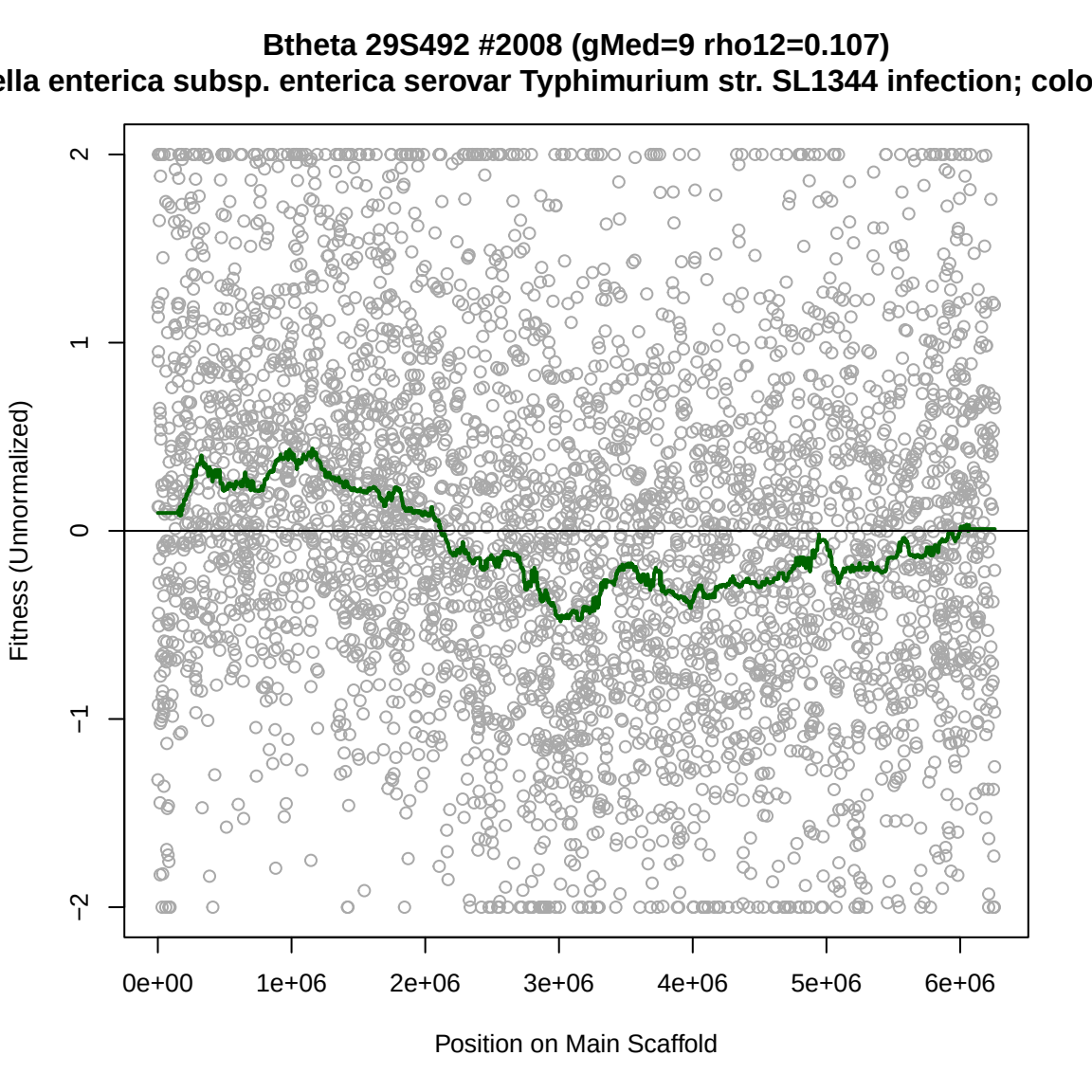

Btheta 29S486 #2003 (gMed=47 rho12=0.164)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

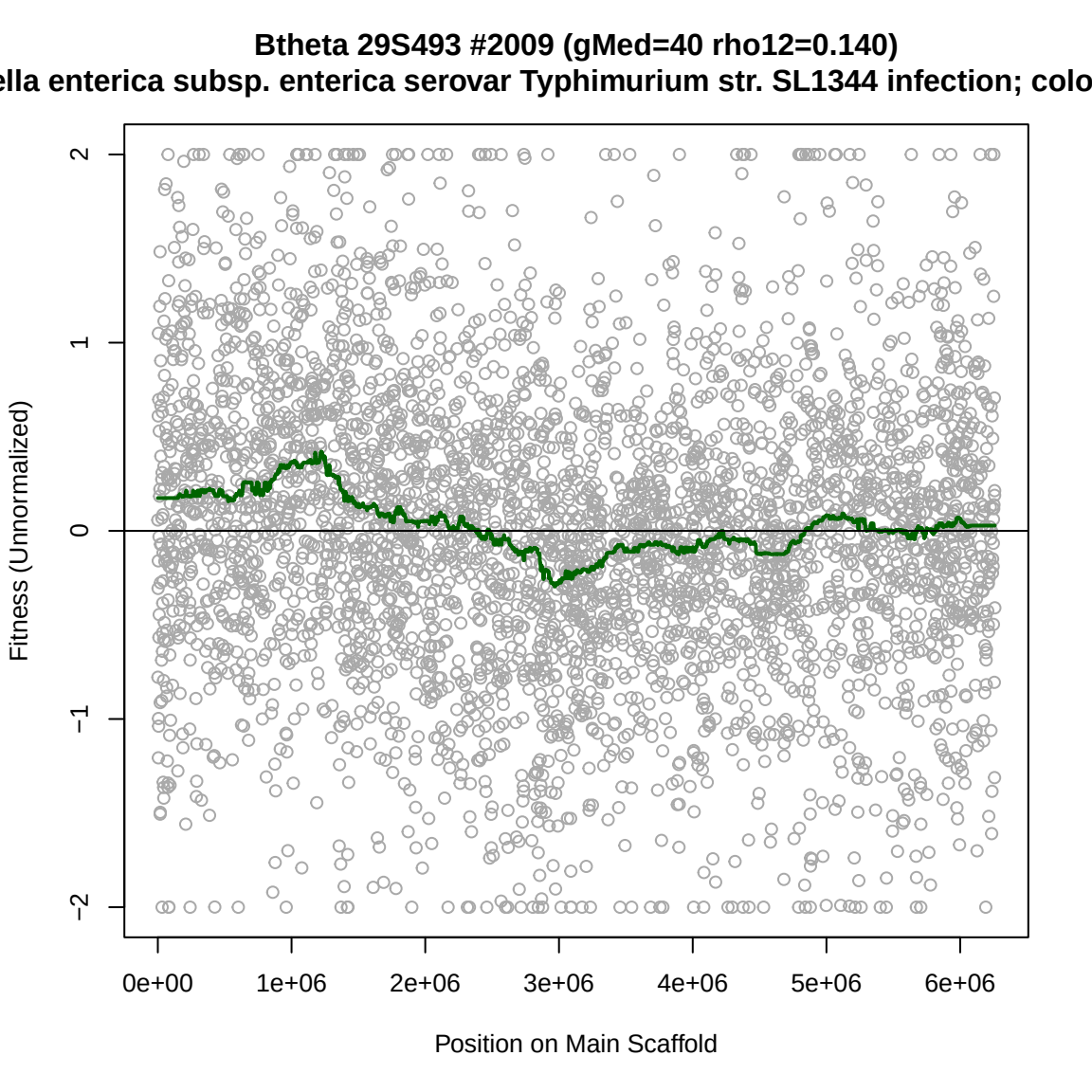

Btheta 29S487 #2004 (gMed=33 rho12=0.139)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

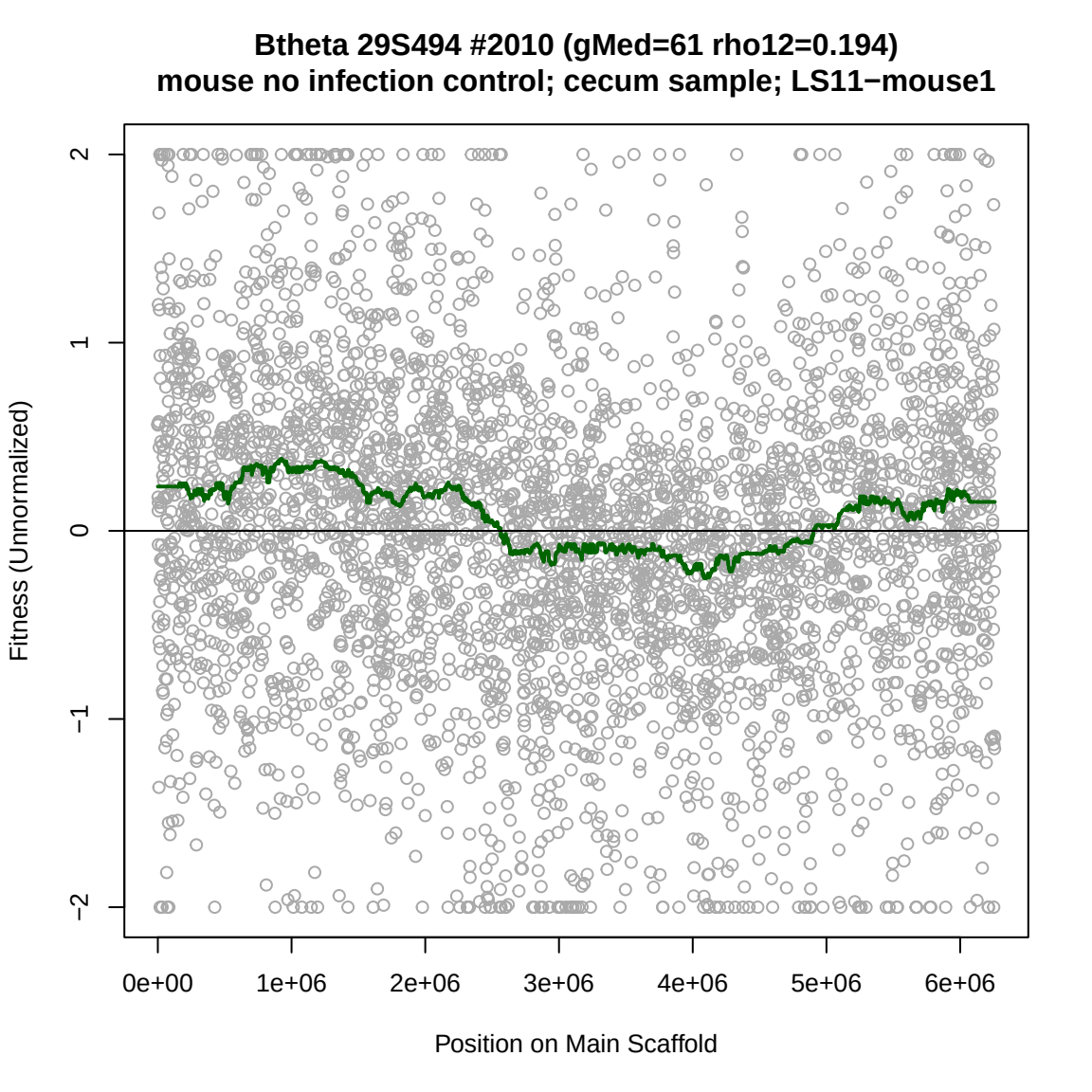

Btheta 29S488 #2005 (gMed=0 rho12=0.126)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

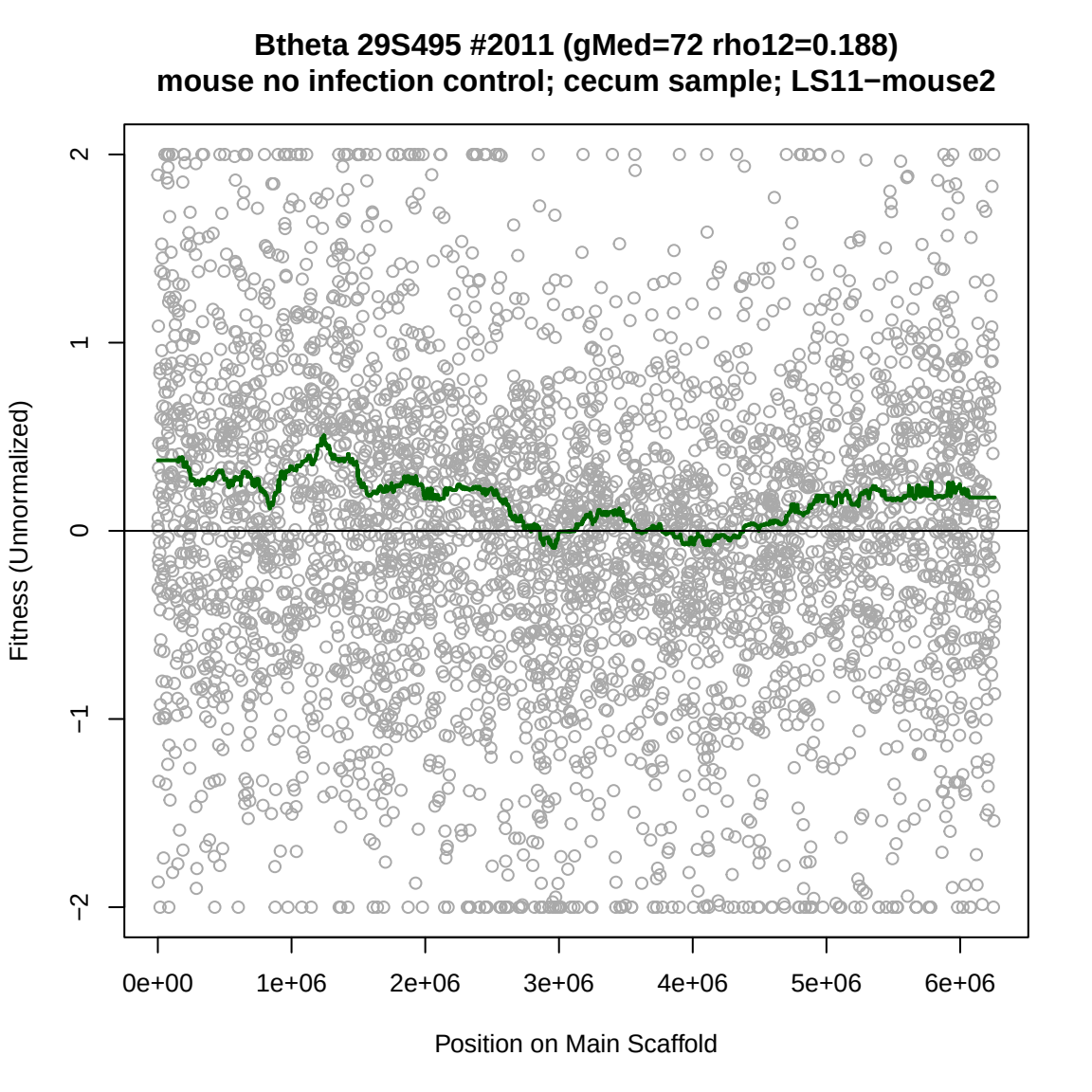

Btheta 29S490 #2006 (gMed=0 rho12=0.088)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

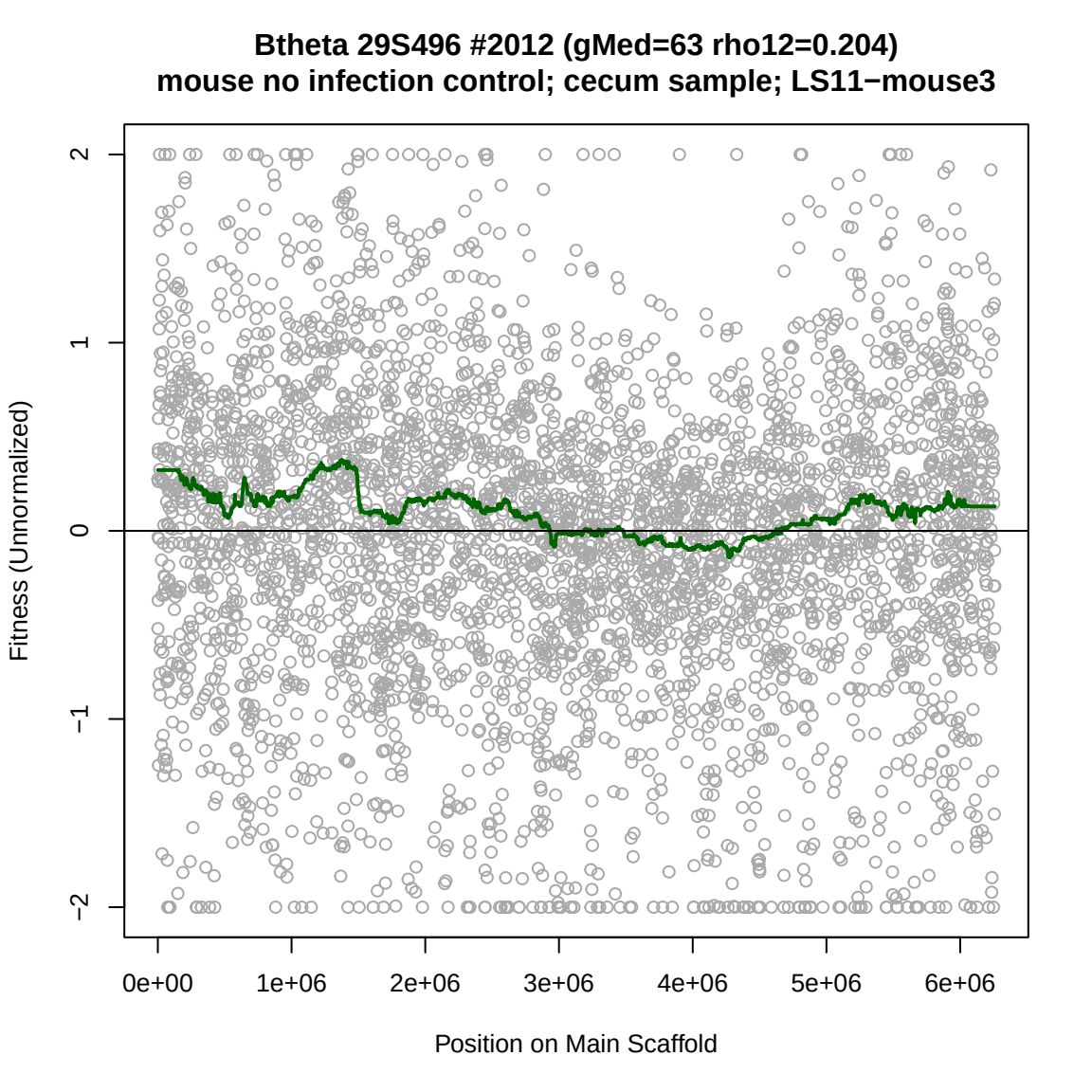

Btheta 29S491 #2007 (gMed=61 rho12=0.232)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

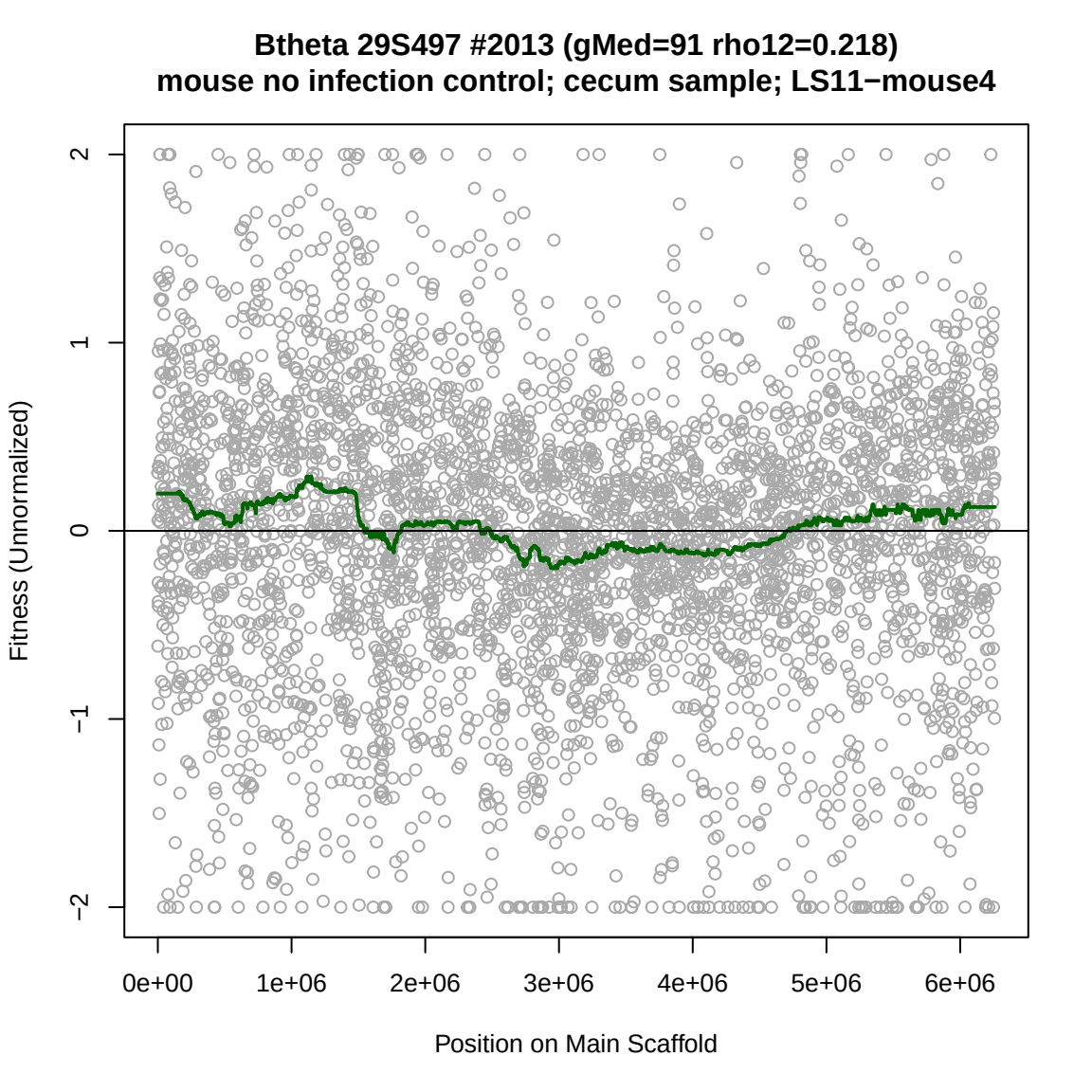

Btheta 29S492 #2008 (gMed=9 rho12=0.107)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

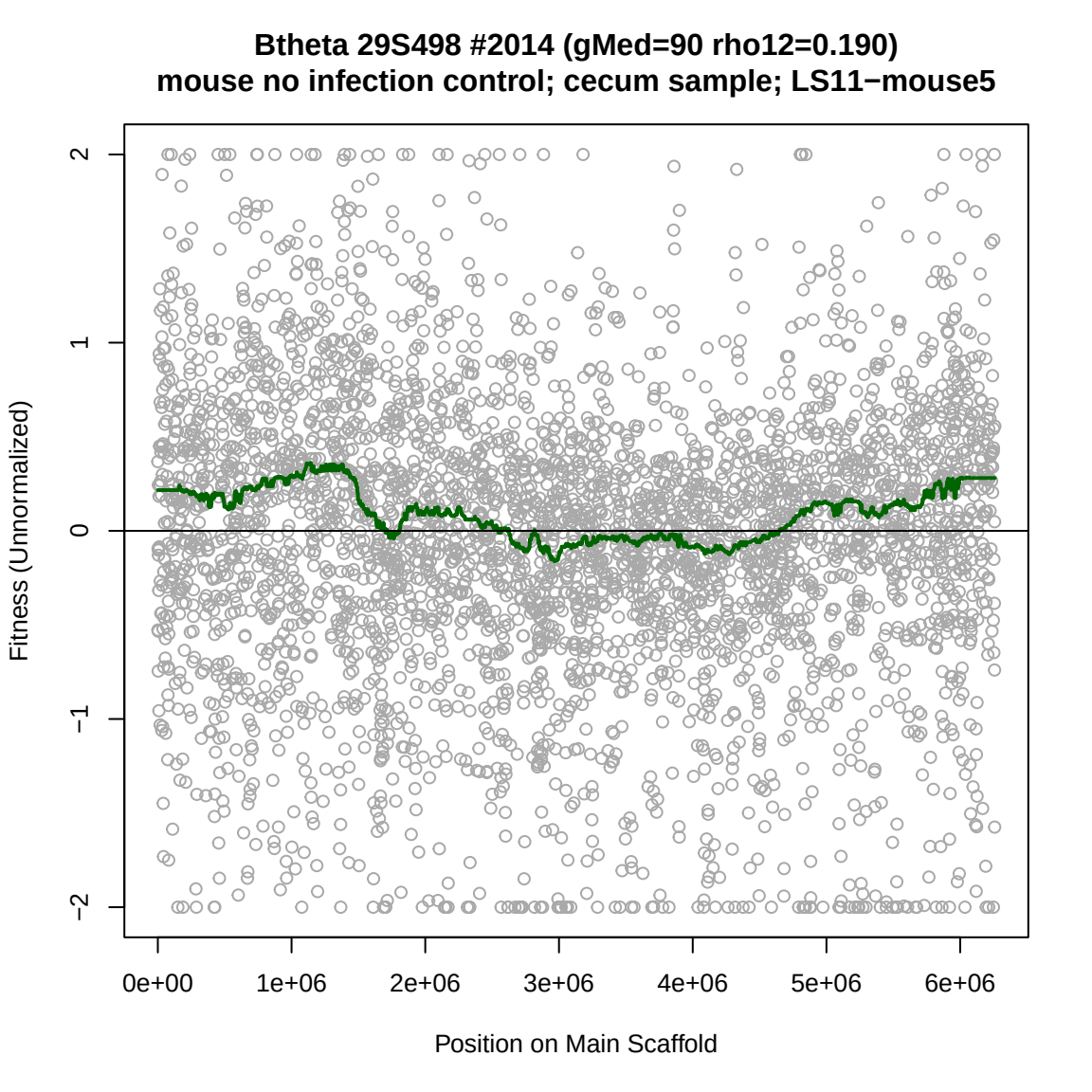

Btheta 29S493 #2009 (gMed=40 rho12=0.140)
ella enterica subsp. enterica serovar Typhimurium str. SL1344 infection; colo
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

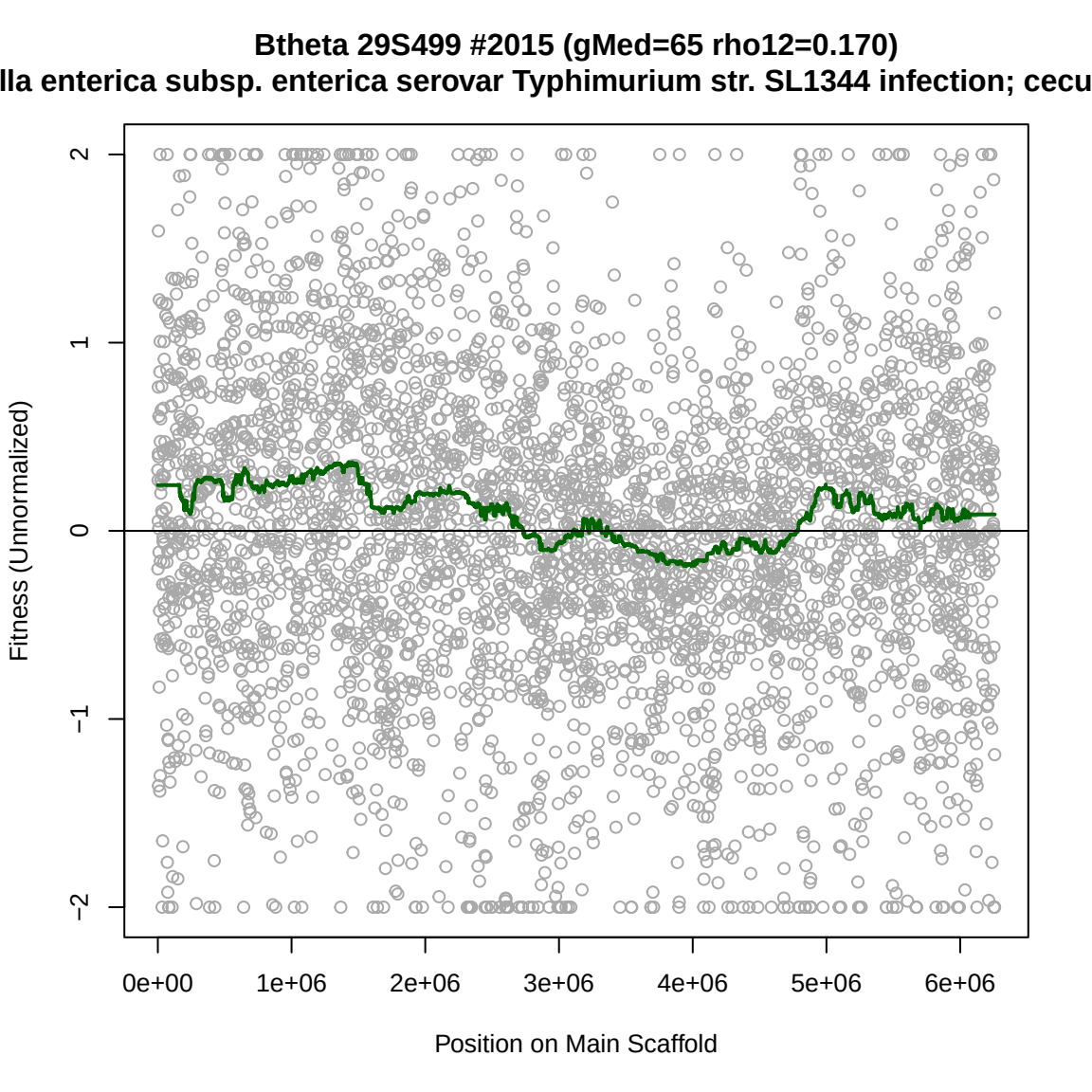

Btheta 29S494 #2010 (gMed=61 rho12=0.194)
mouse no infection control; cecum sample; LS11−mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

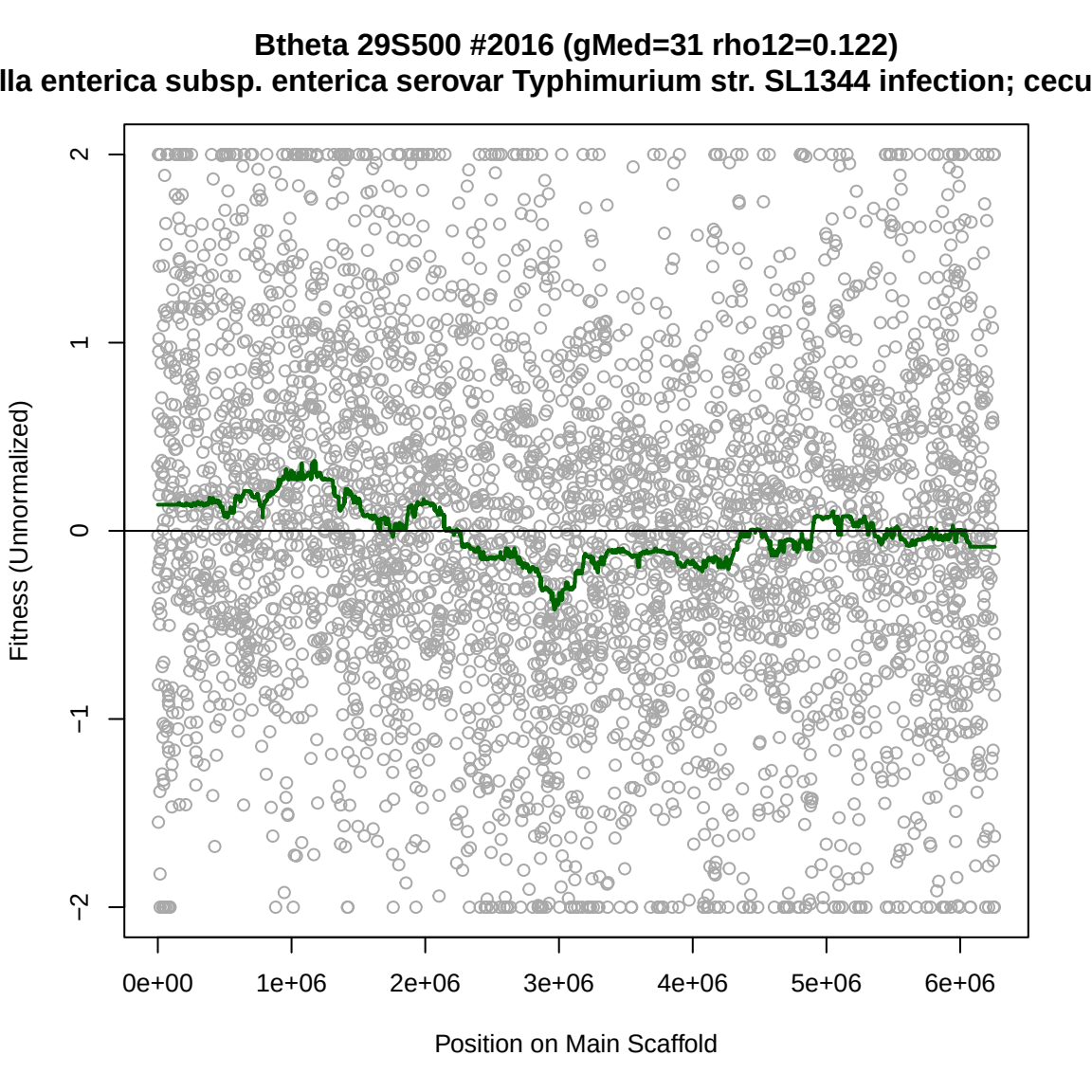

Btheta 29S495 #2011 (gMed=72 rho12=0.188)
mouse no infection control; cecum sample; LS11−mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

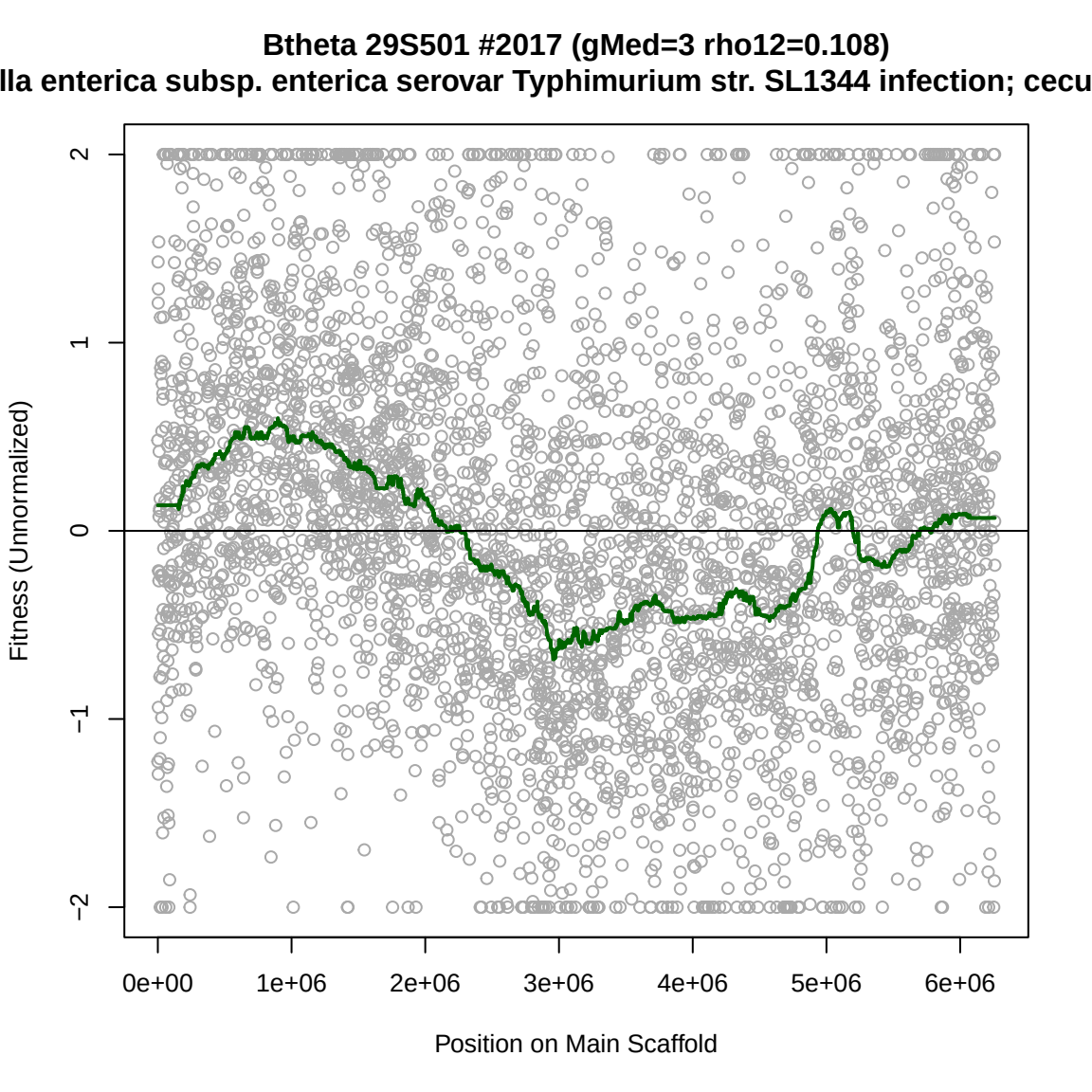

Btheta 29S496 #2012 (gMed=63 rho12=0.204)
mouse no infection control; cecum sample; LS11−mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

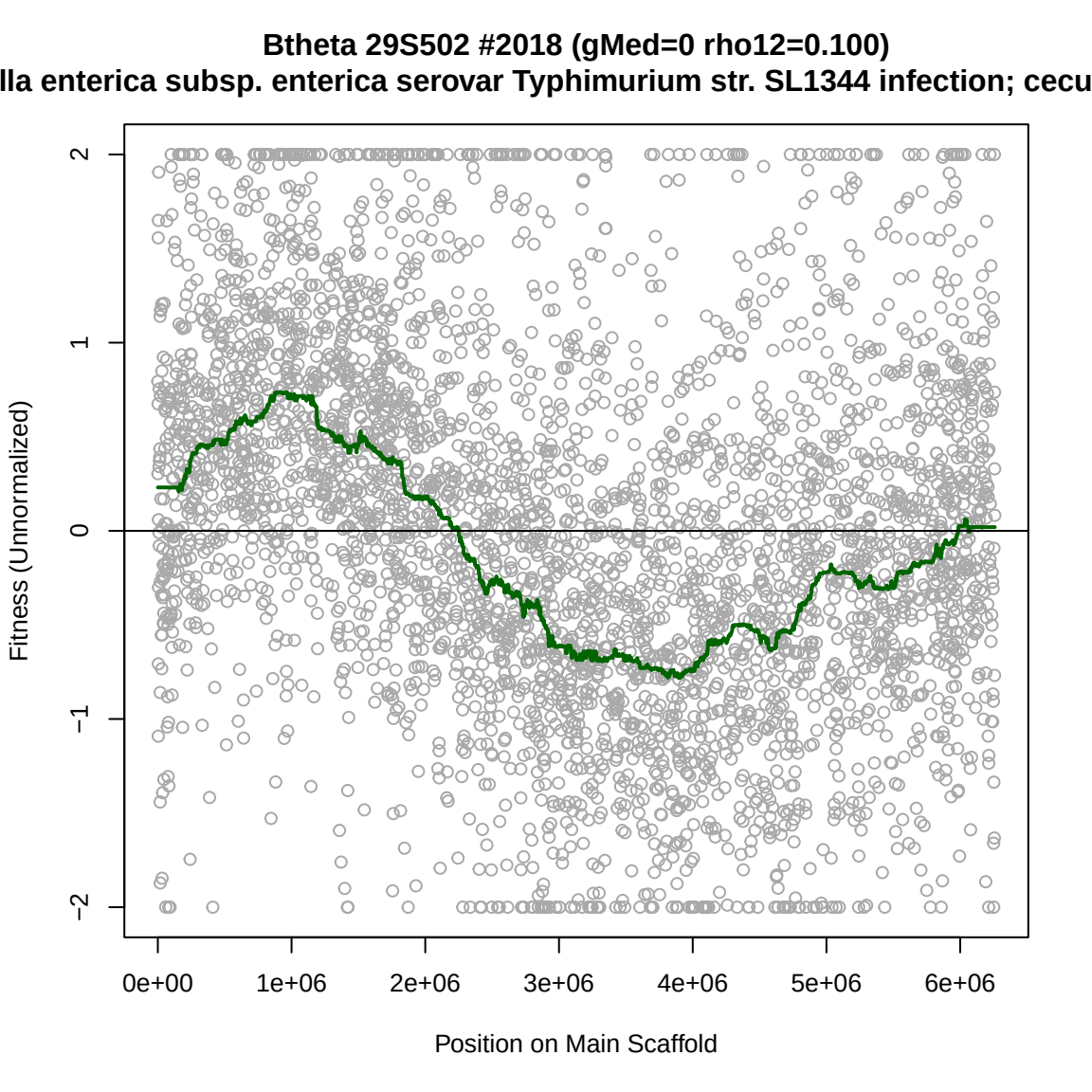

Btheta 29S497 #2013 (gMed=91 rho12=0.218)
mouse no infection control; cecum sample; LS11−mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

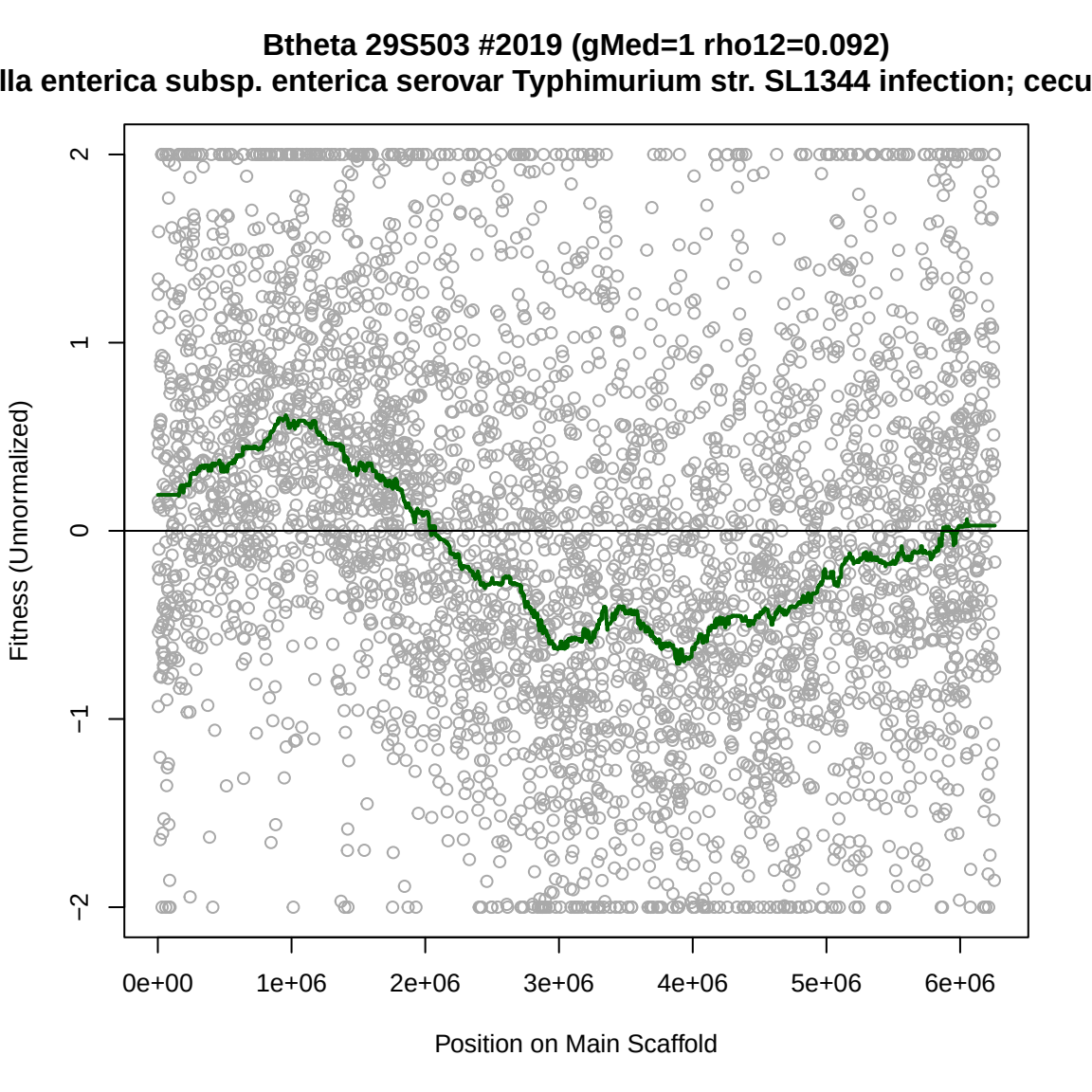

Btheta 29S498 #2014 (gMed=90 rho12=0.190)
mouse no infection control; cecum sample; LS11−mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

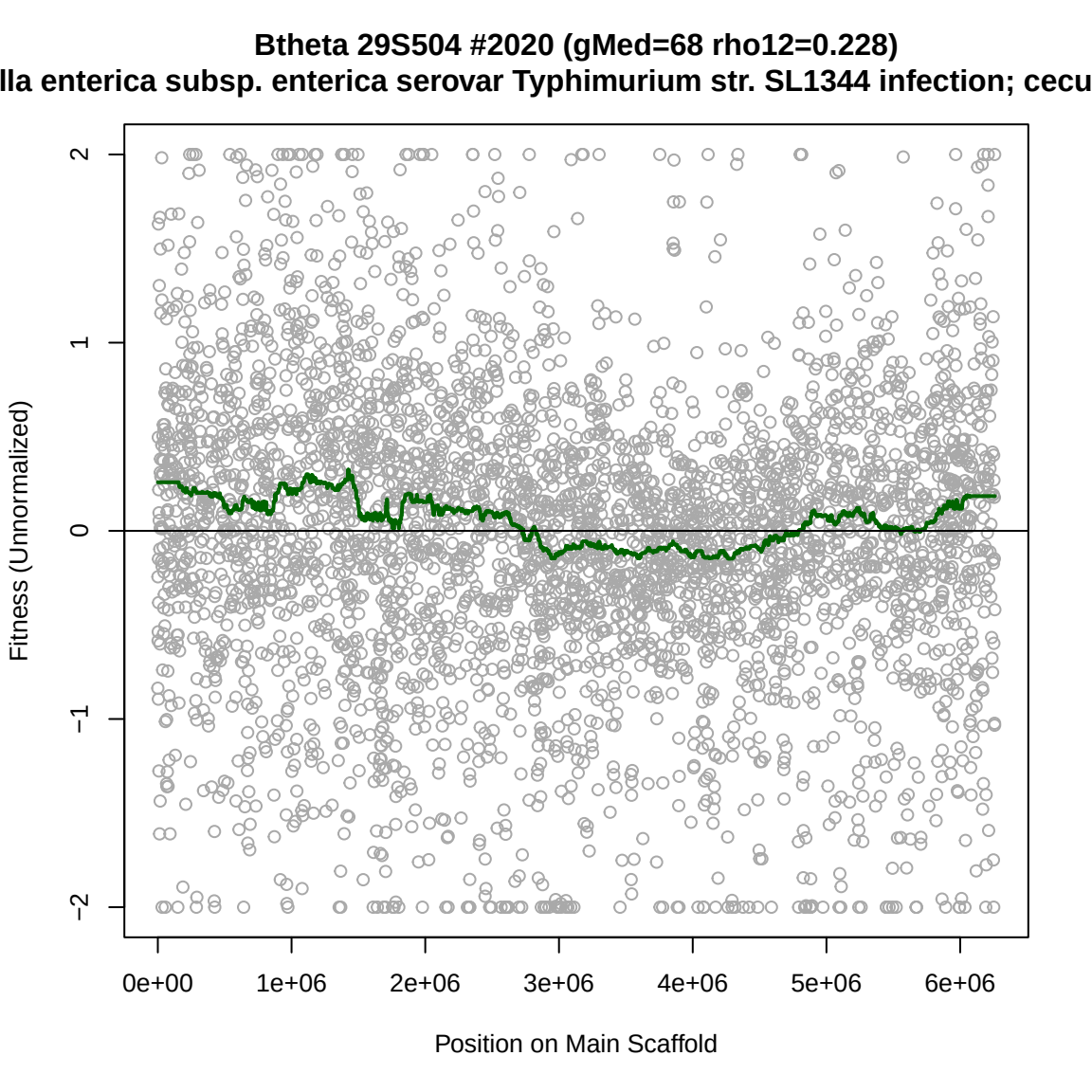

Btheta 29S499 #2015 (gMed=65 rho12=0.170)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

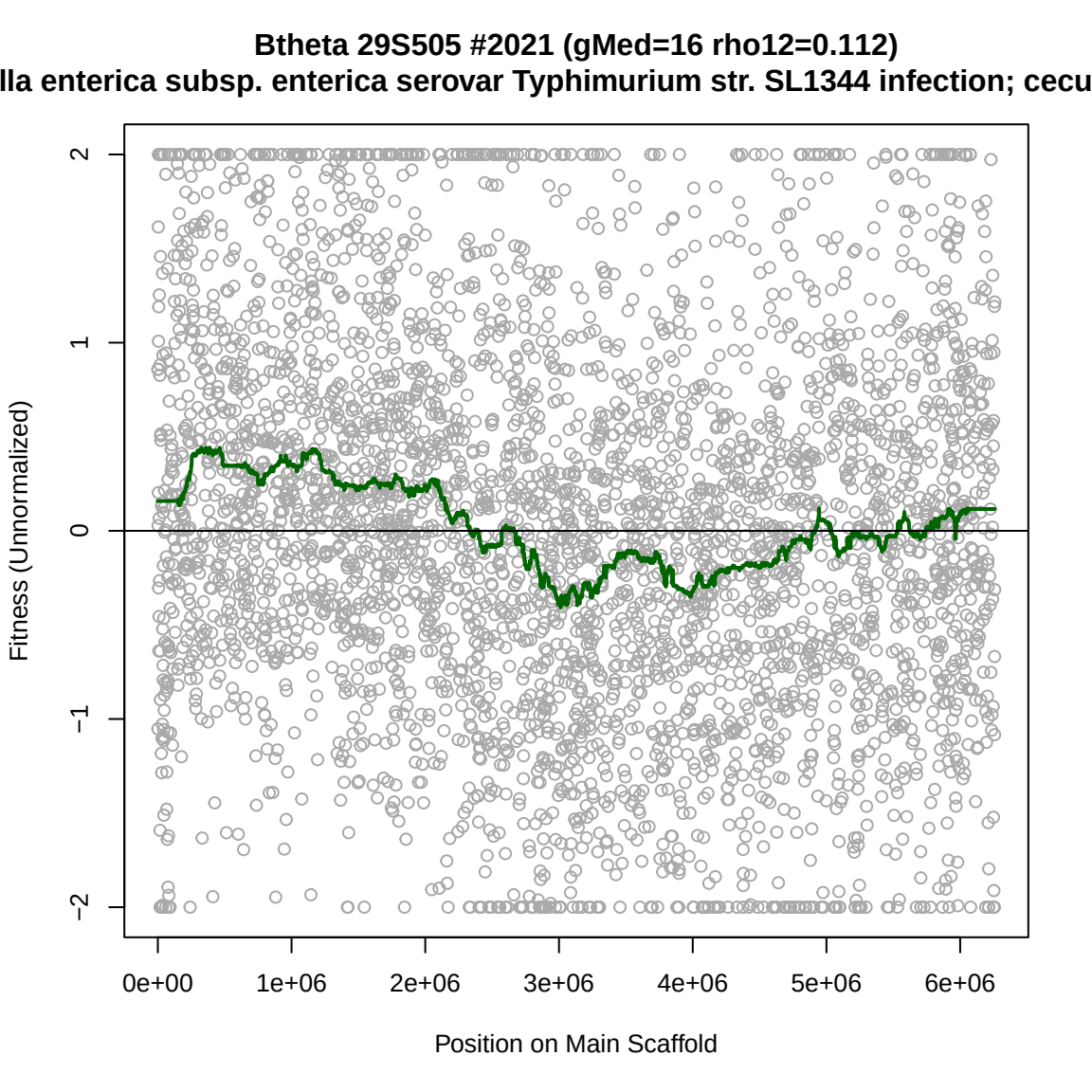

Btheta 29S500 #2016 (gMed=31 rho12=0.122)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

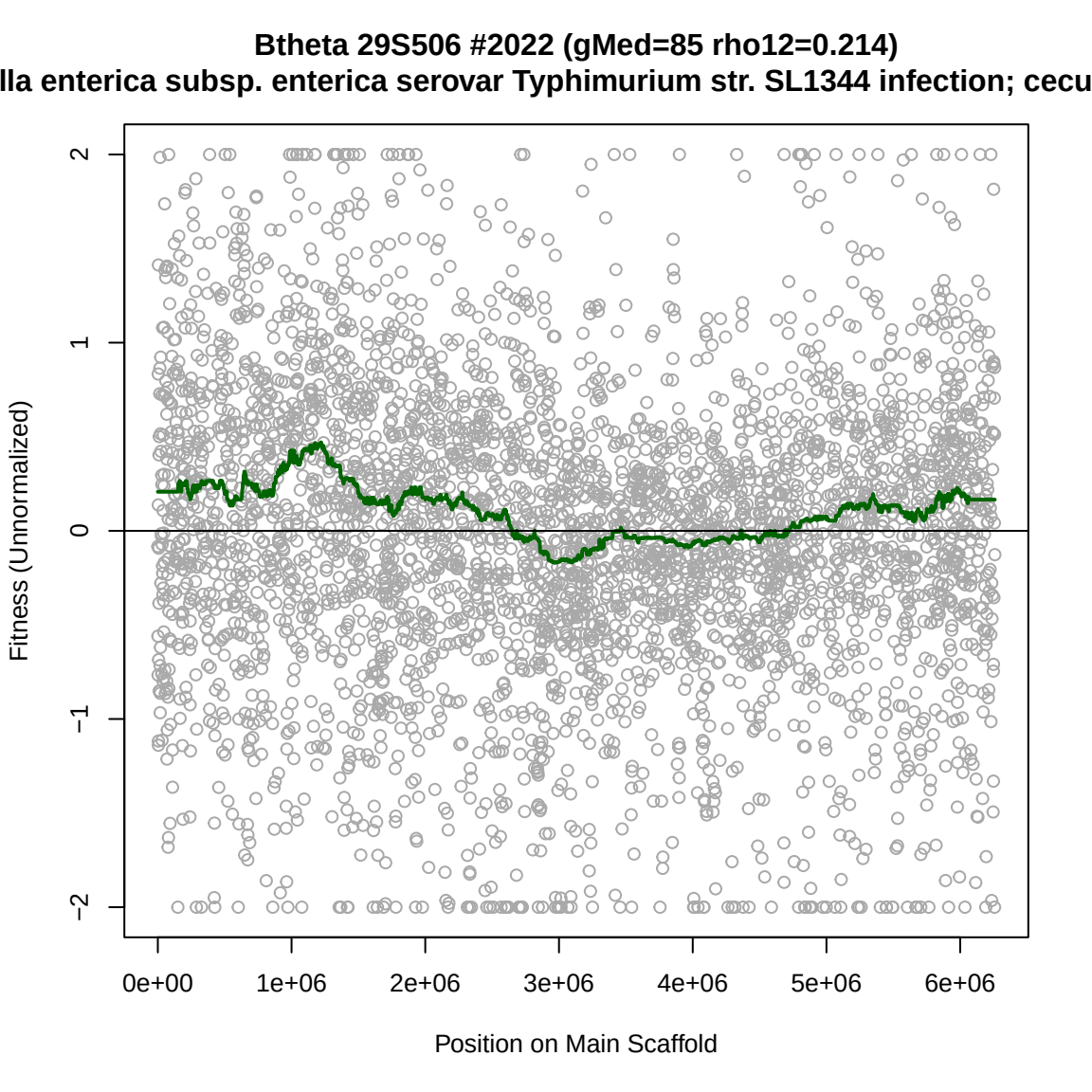

Btheta 29S501 #2017 (gMed=3 rho12=0.108)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

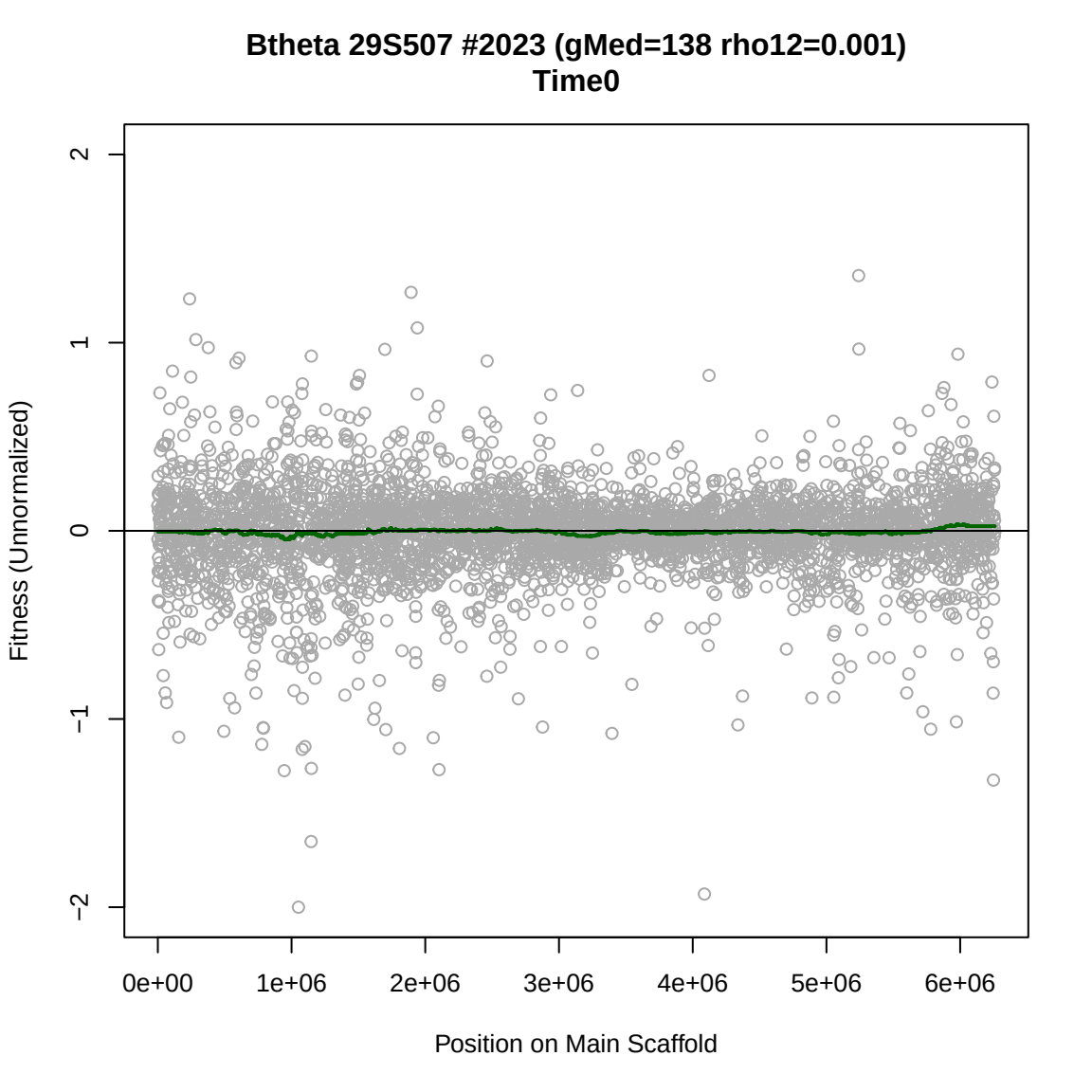

Btheta 29S502 #2018 (gMed=0 rho12=0.100)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

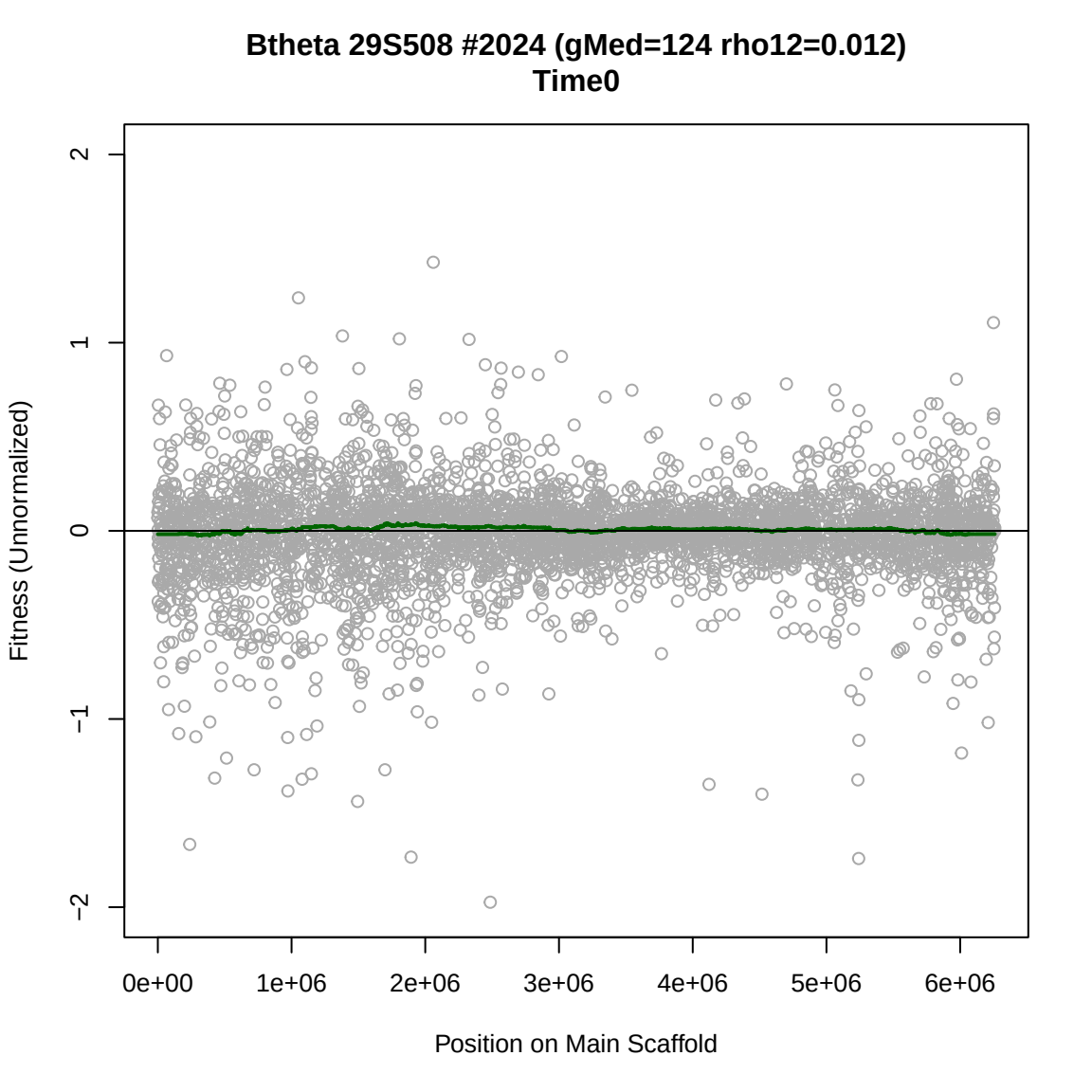

Btheta 29S503 #2019 (gMed=1 rho12=0.092)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

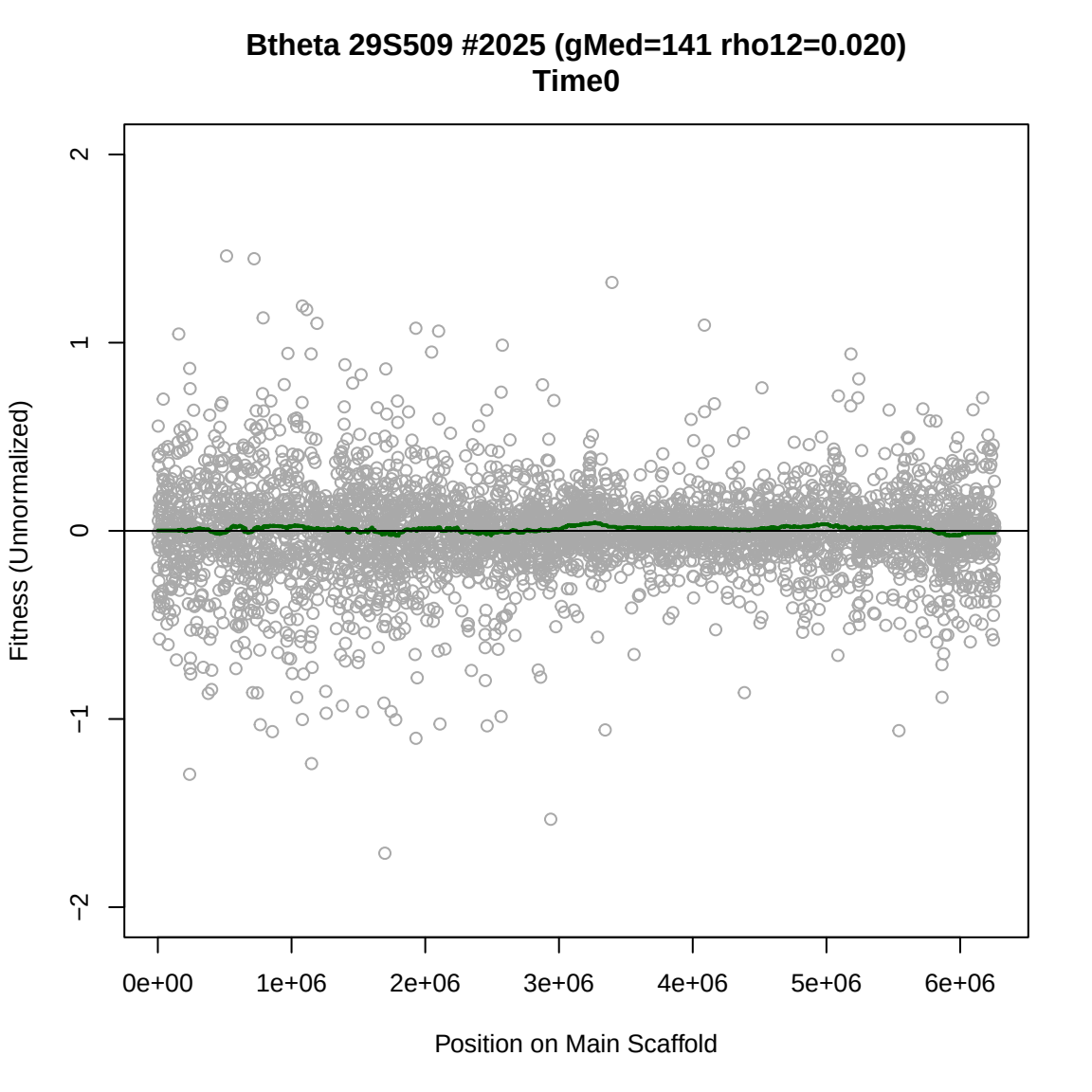

Btheta 29S504 #2020 (gMed=68 rho12=0.228)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

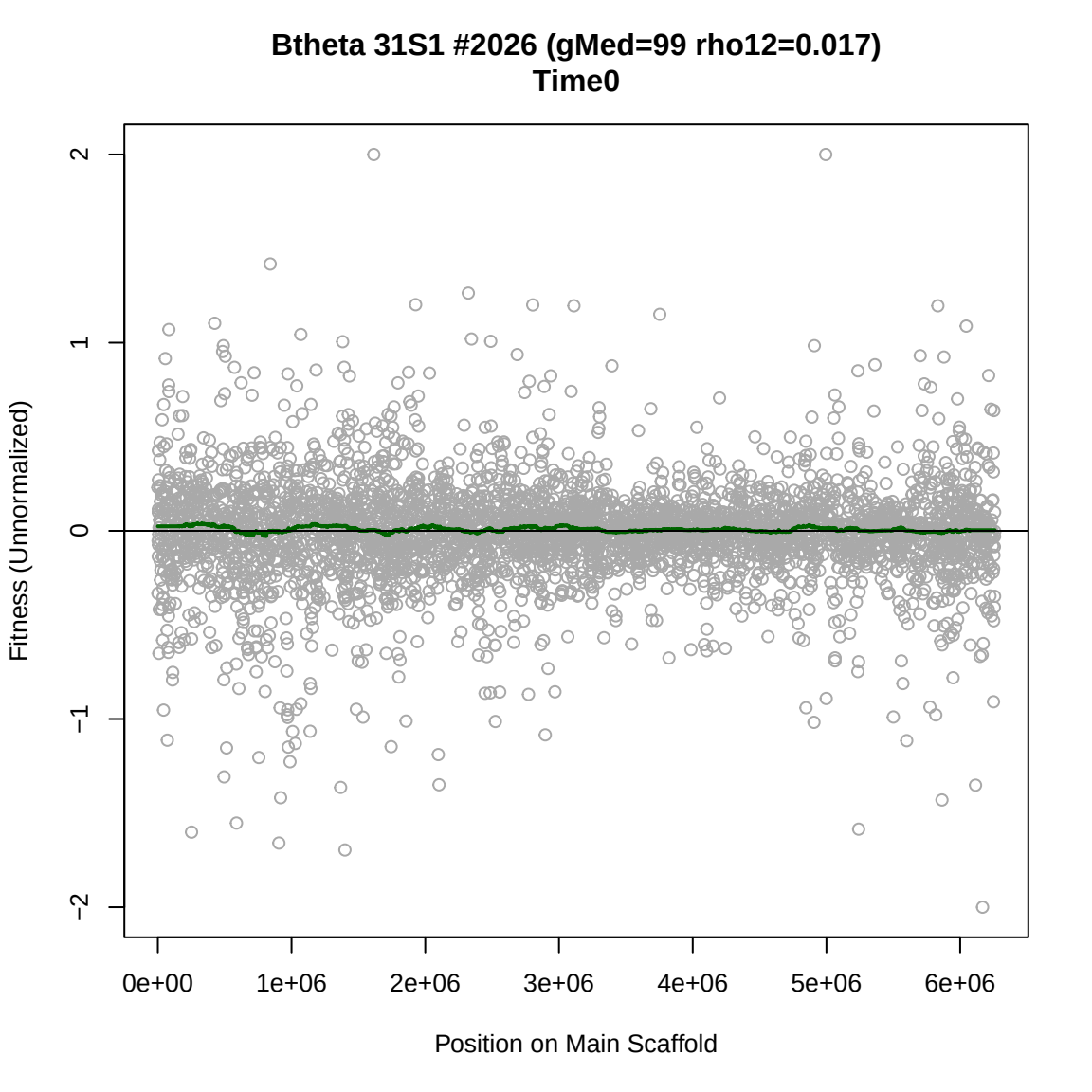

Btheta 29S505 #2021 (gMed=16 rho12=0.112)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

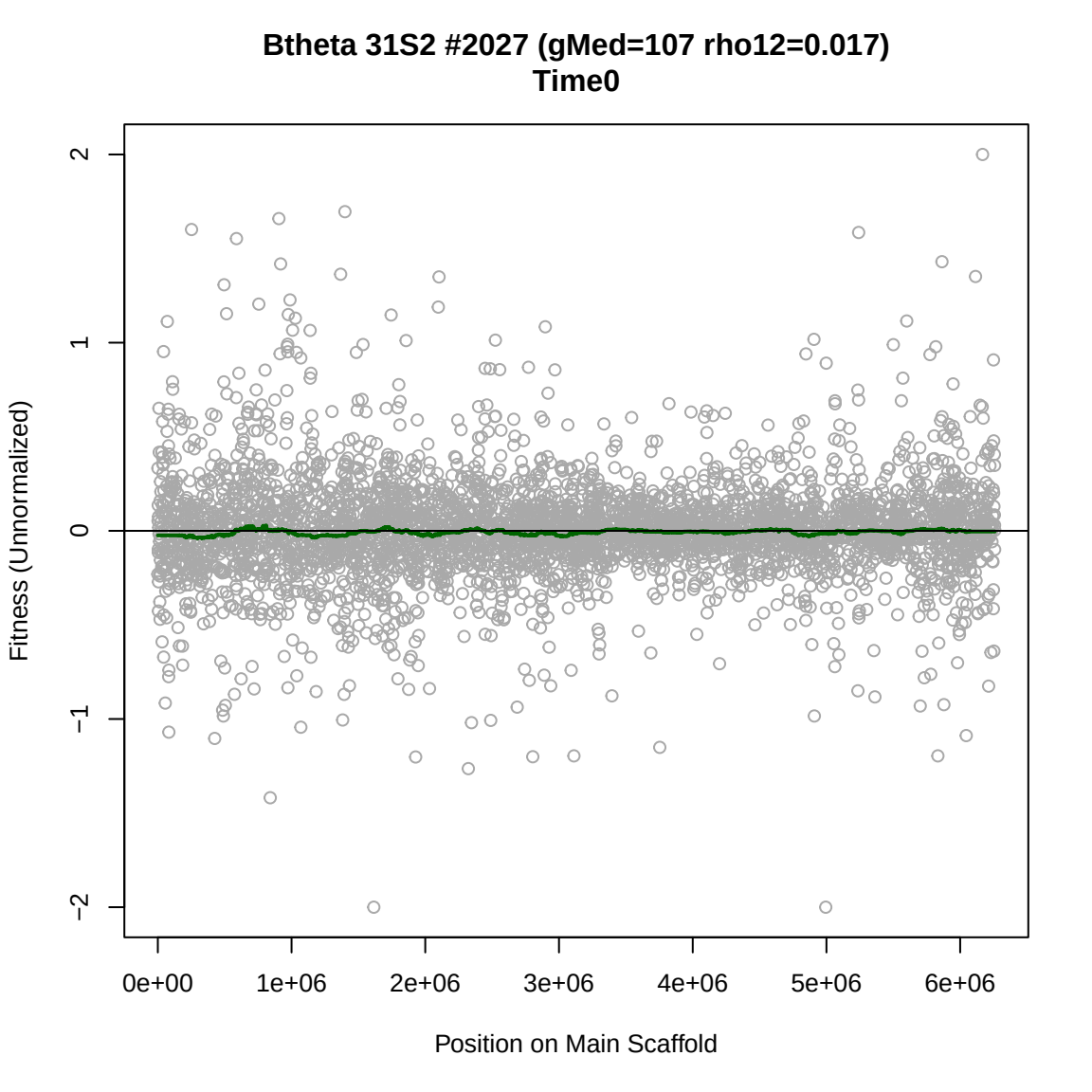

Btheta 29S506 #2022 (gMed=85 rho12=0.214)
lla enterica subsp. enterica serovar Typhimurium str. SL1344 infection; cecu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

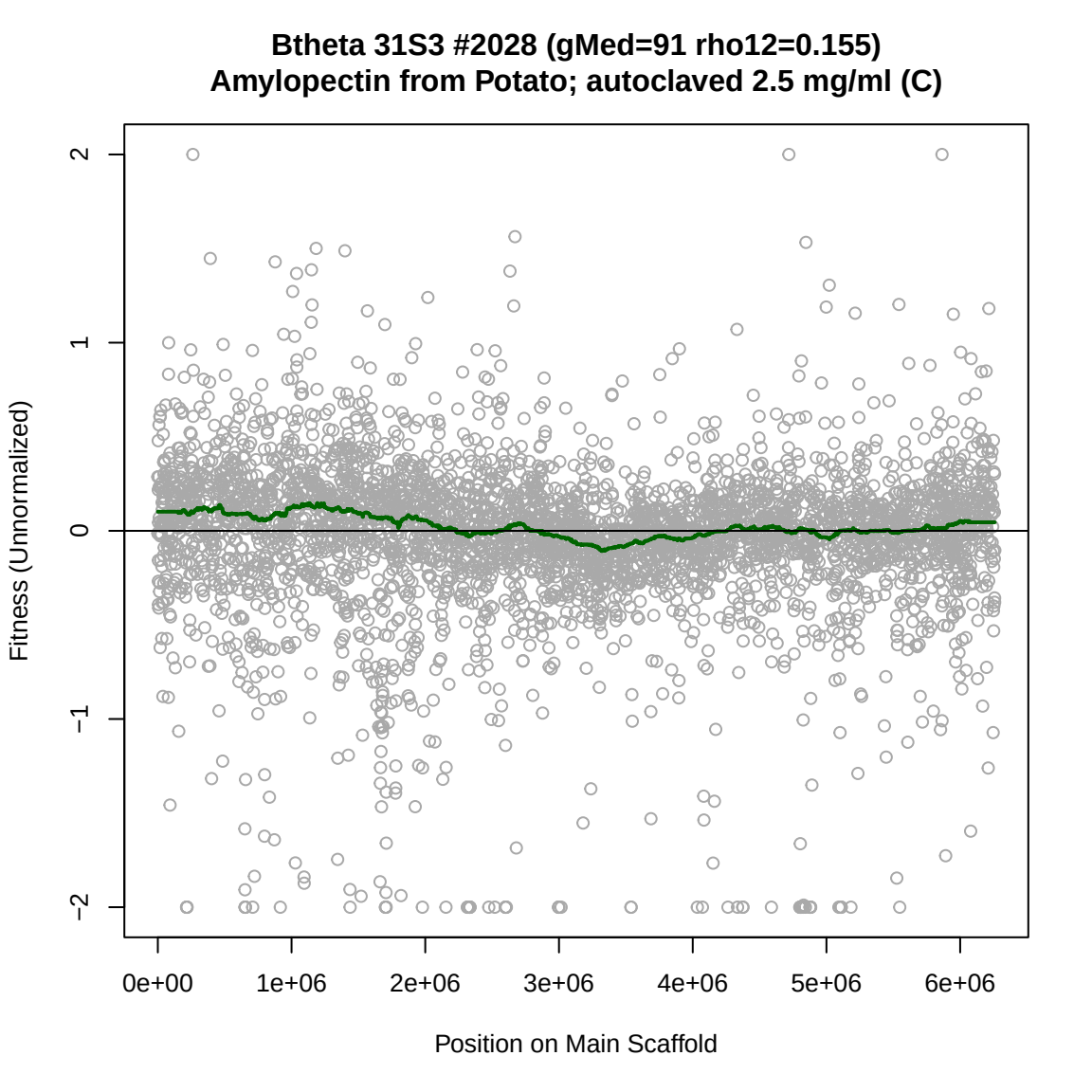

Btheta 29S507 #2023 (gMed=138 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

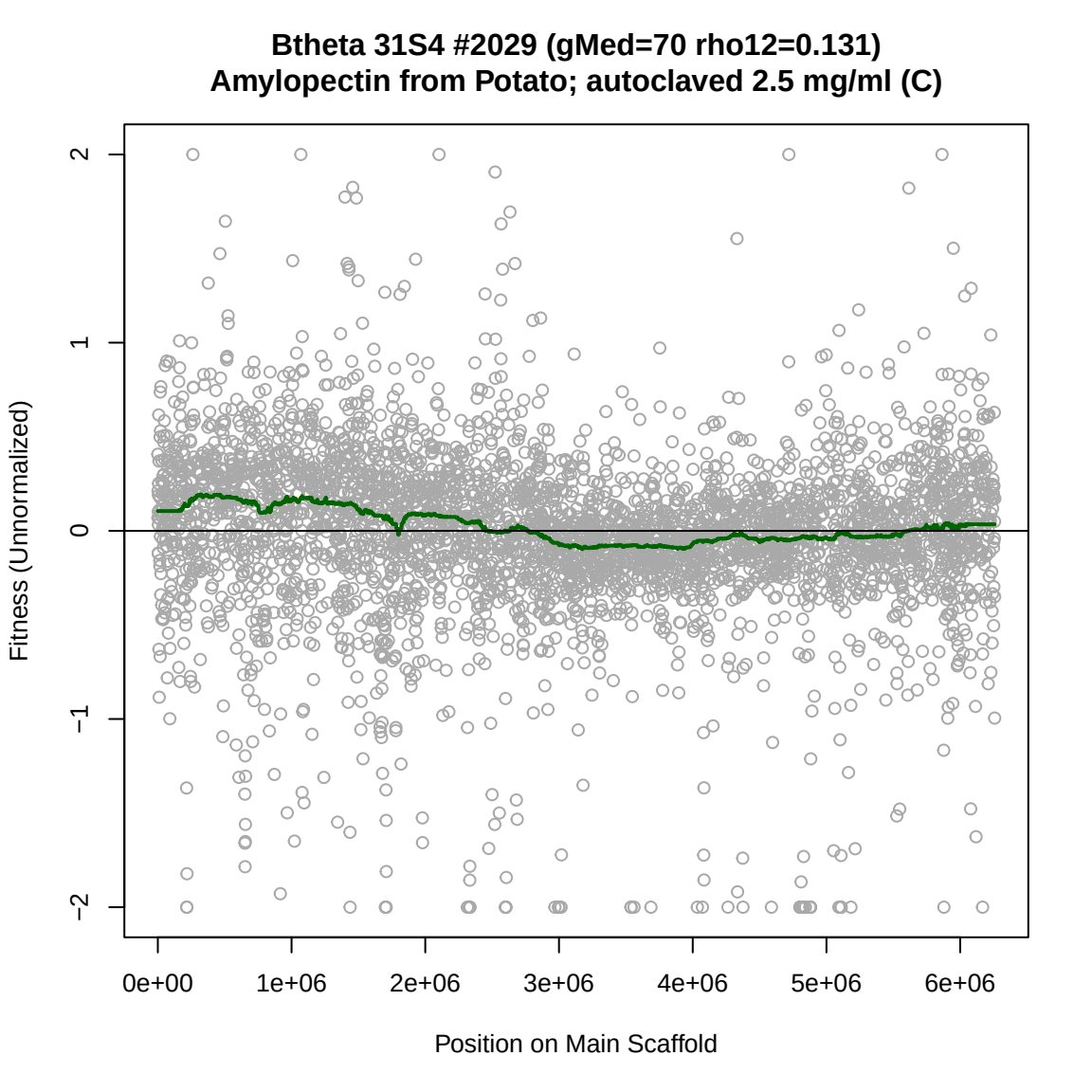

Btheta 29S508 #2024 (gMed=124 rho12=0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

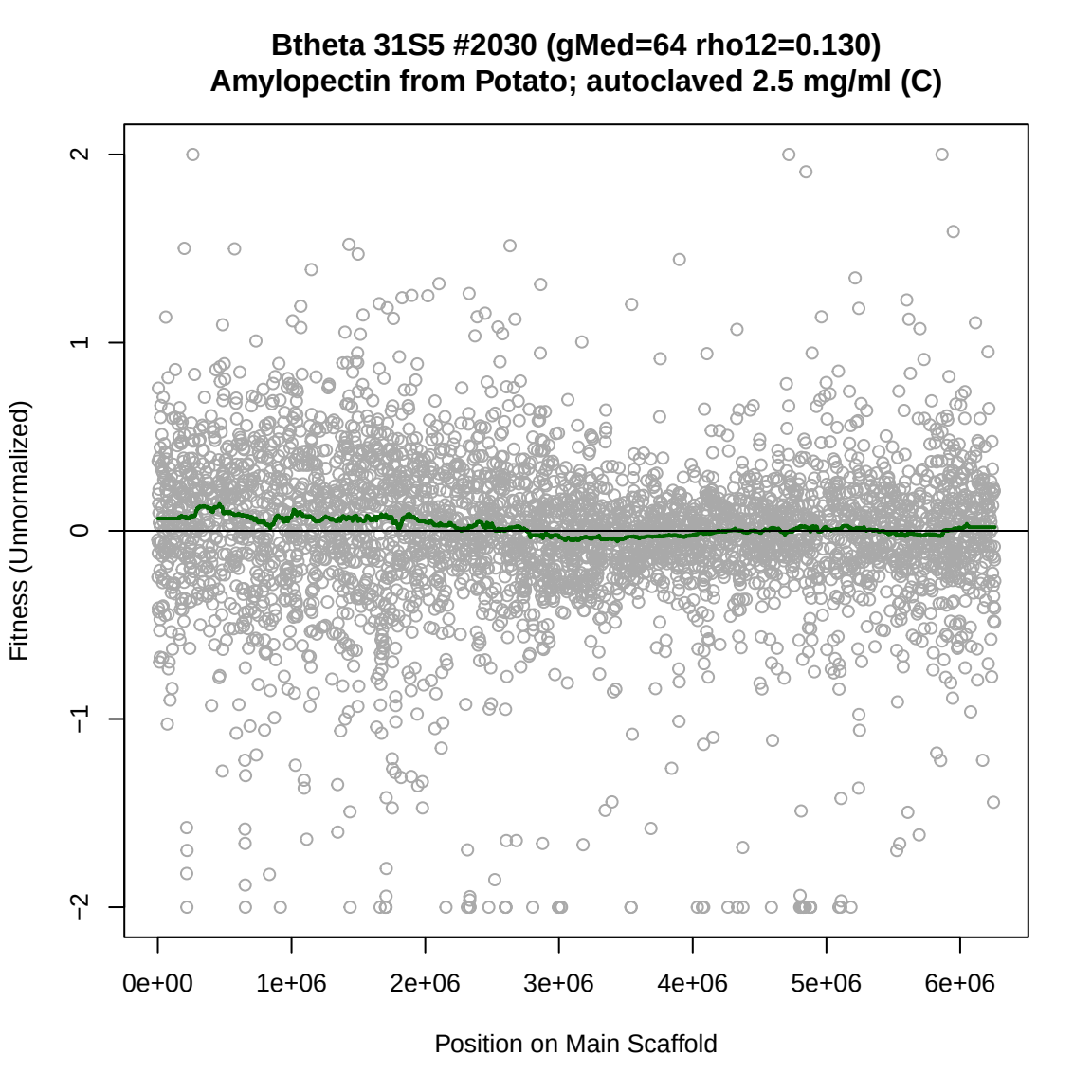

Btheta 29S509 #2025 (gMed=141 rho12=0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

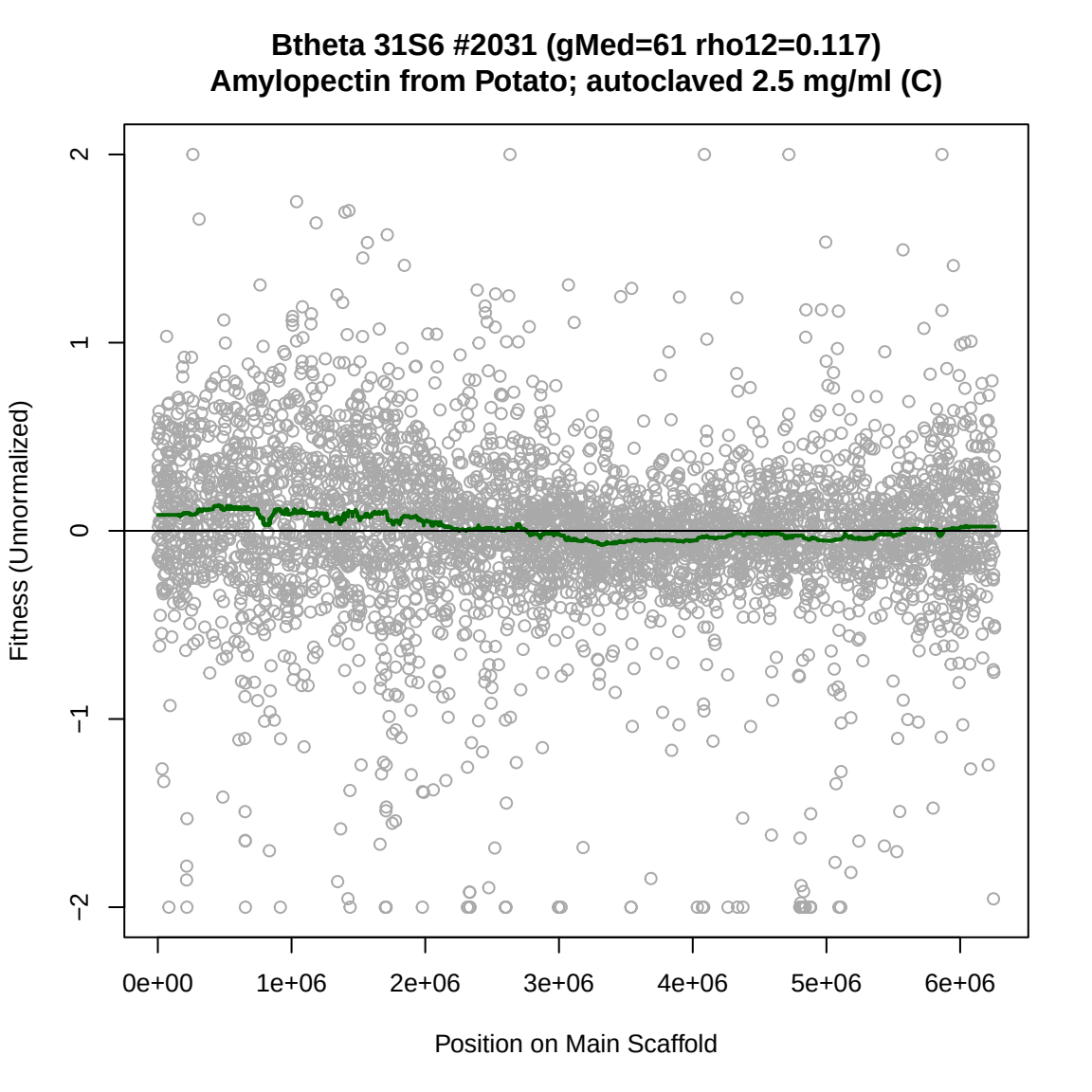

Btheta 31S1 #2026 (gMed=99 rho12=0.017)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

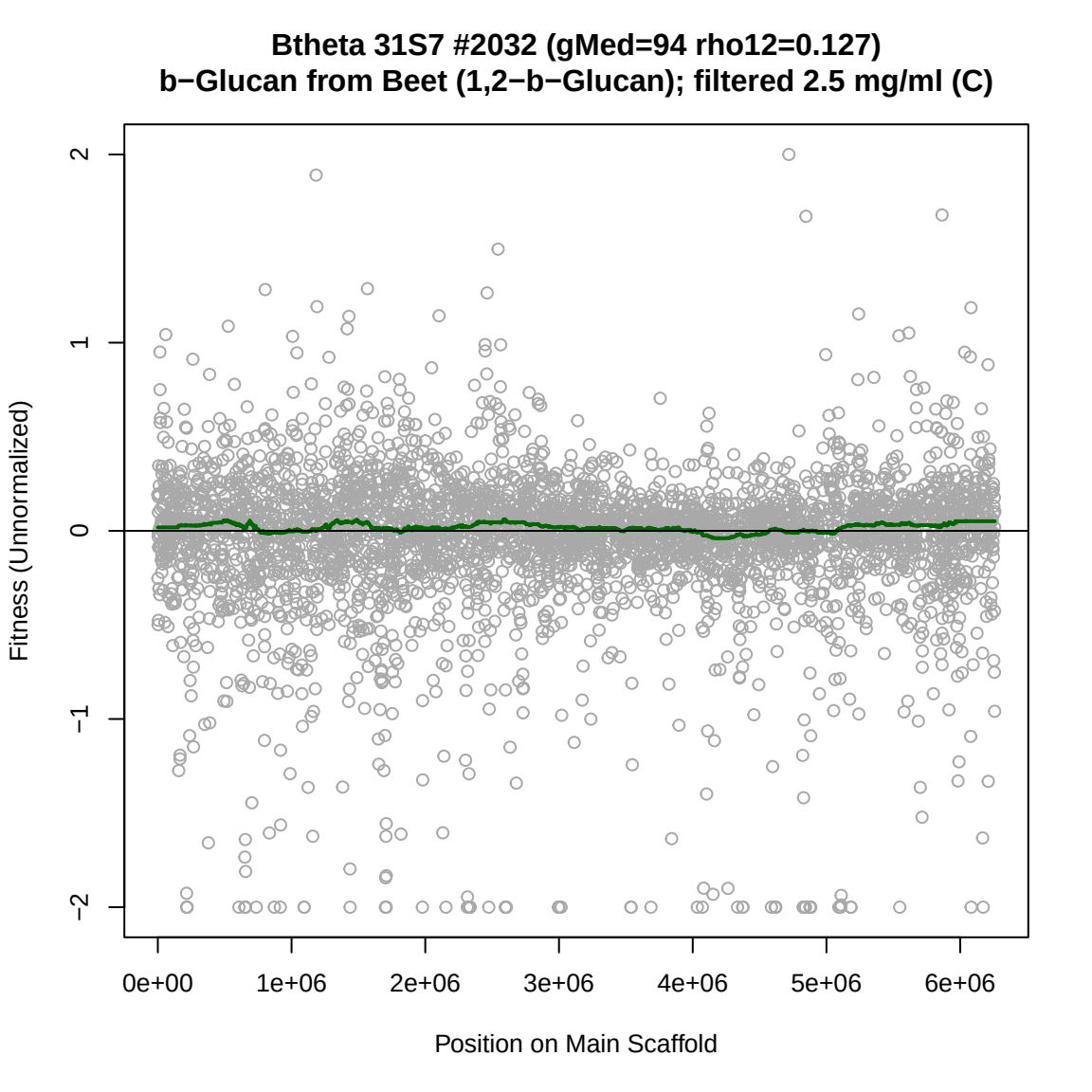

Btheta 31S2 #2027 (gMed=107 rho12=0.017)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

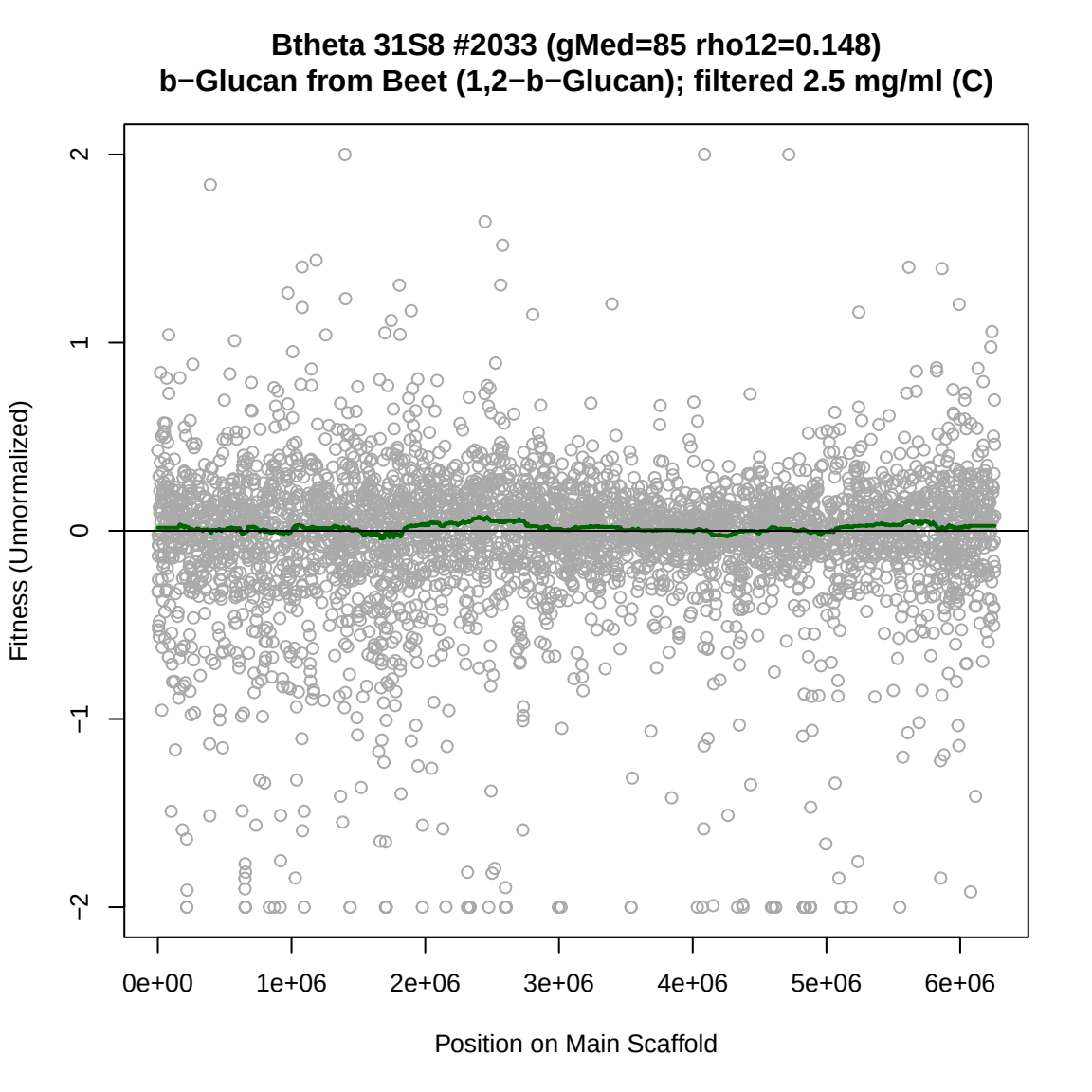

Btheta 31S3 #2028 (gMed=91 rho12=0.155)
Amylopectin from Potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

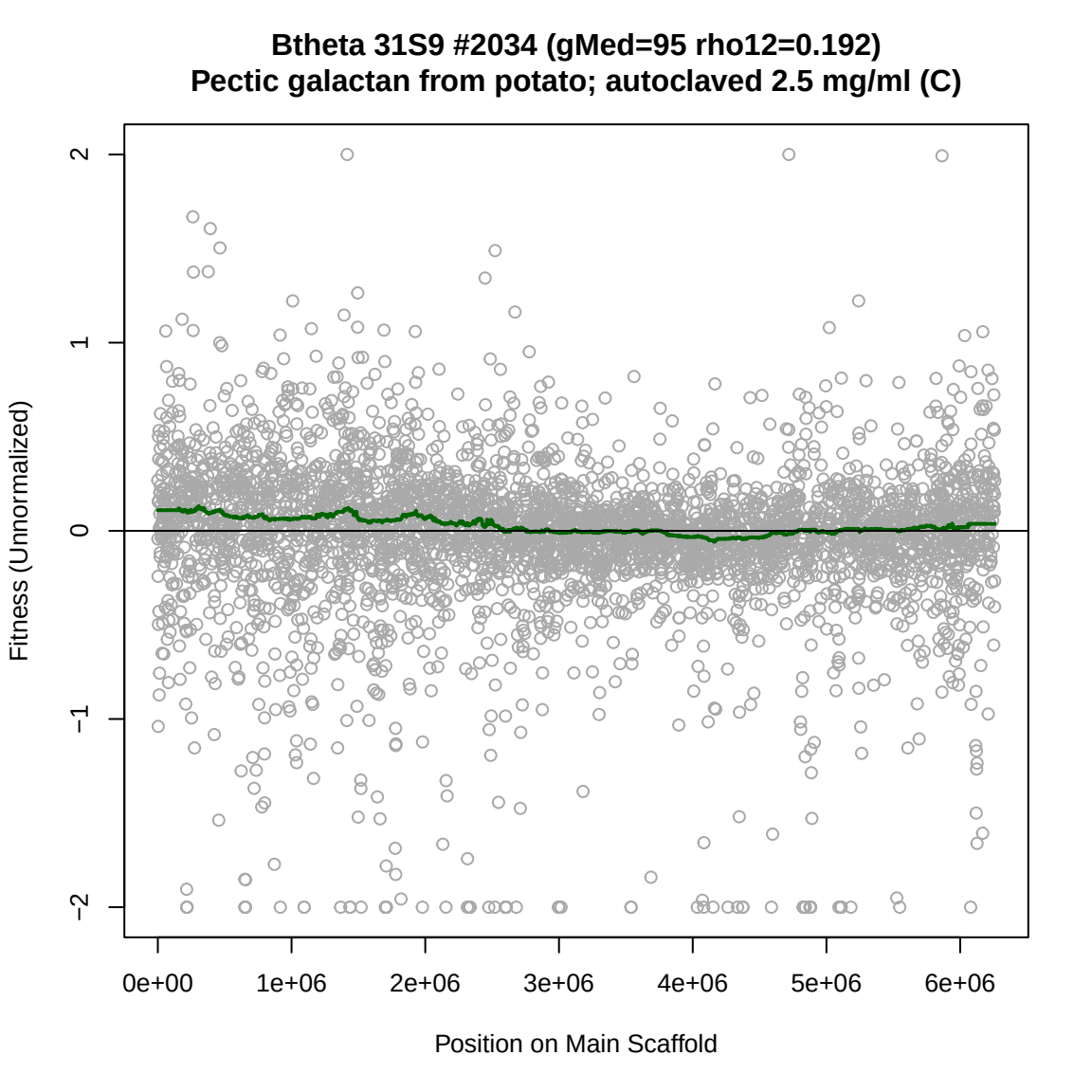

Btheta 31S4 #2029 (gMed=70 rho12=0.131)
Amylopectin from Potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

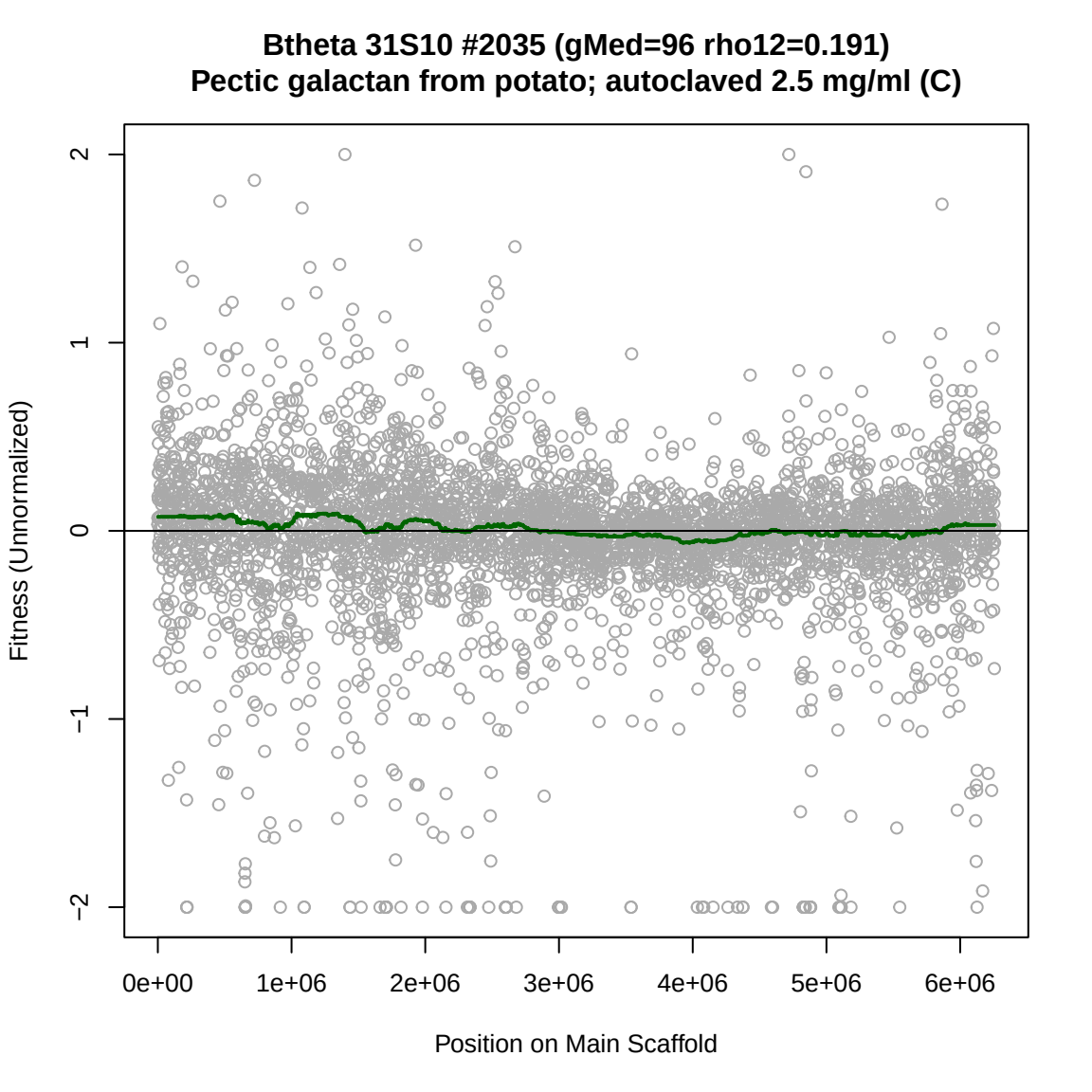

Btheta 31S5 #2030 (gMed=64 rho12=0.130)
Amylopectin from Potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

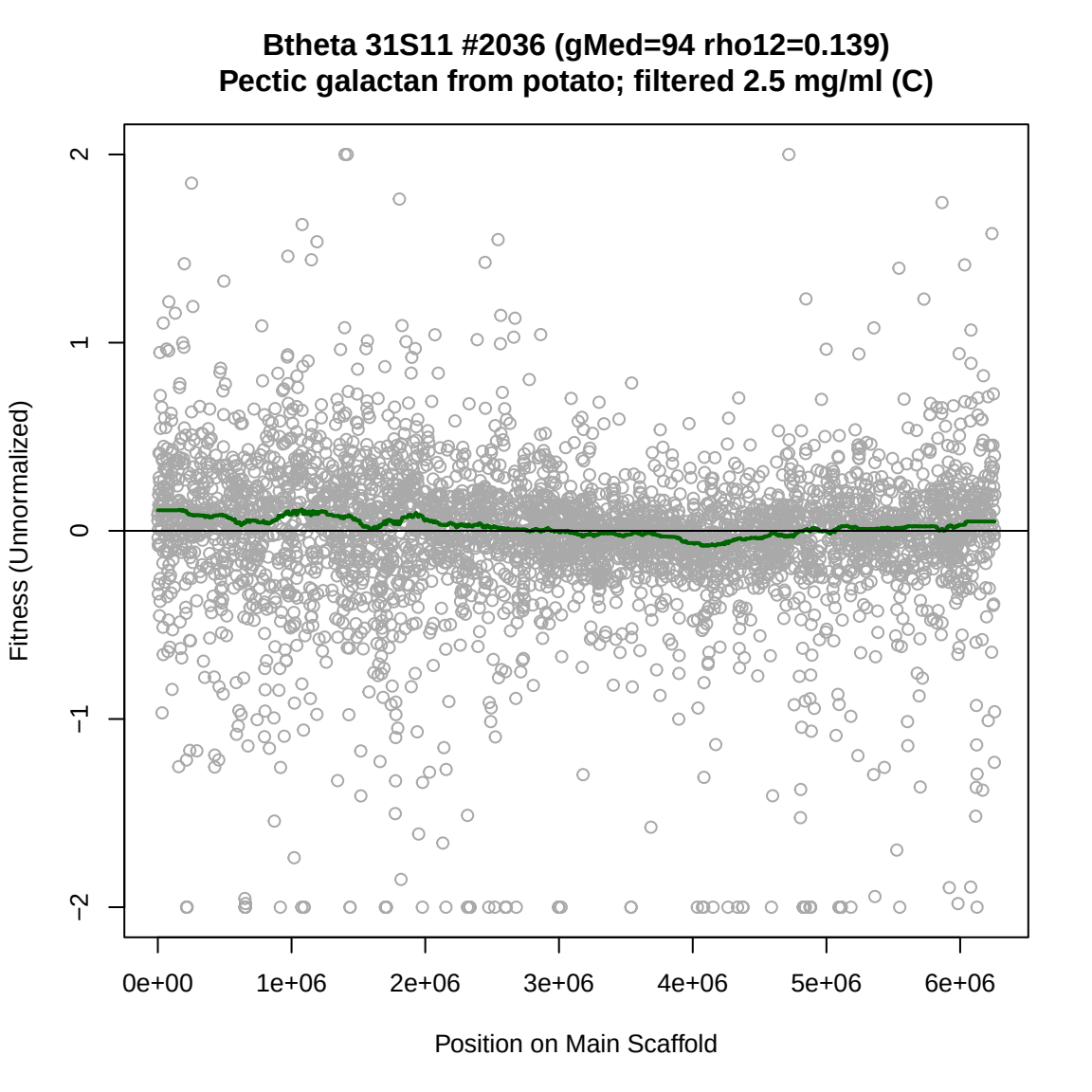

Btheta 31S6 #2031 (gMed=61 rho12=0.117)
Amylopectin from Potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

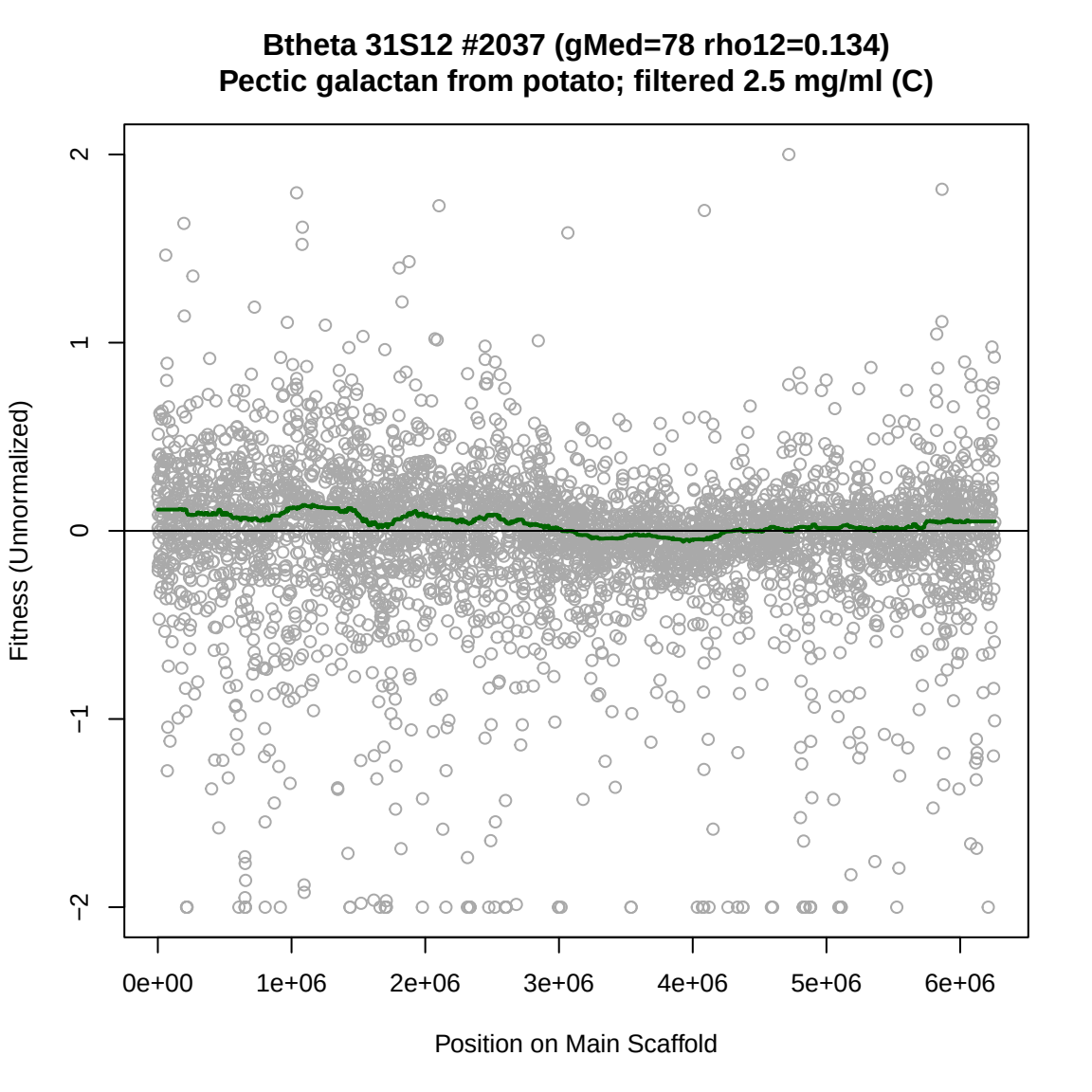

Btheta 31S7 #2032 (gMed=94 rho12=0.127)
b−Glucan from Beet (1,2−b−Glucan); filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

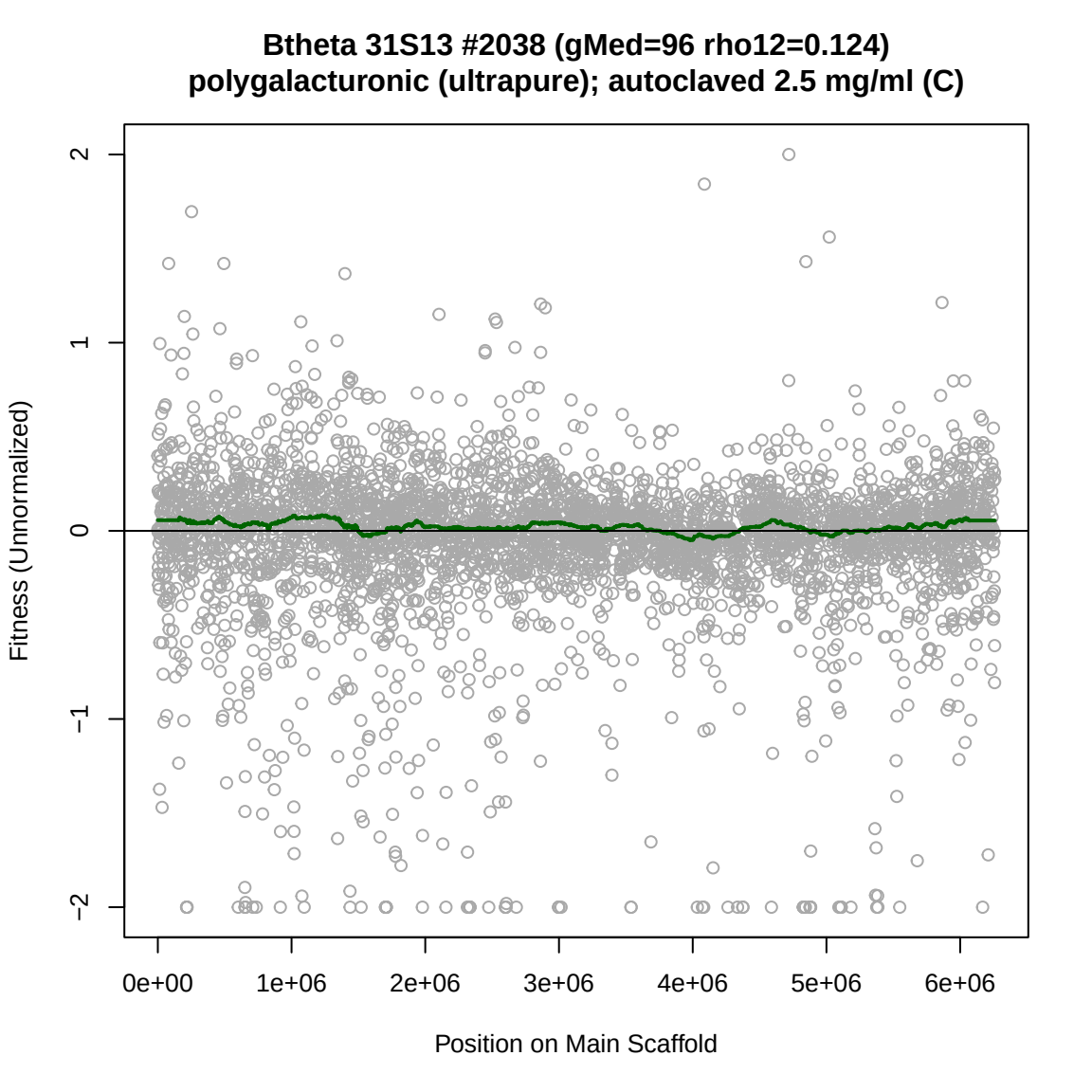

Btheta 31S8 #2033 (gMed=85 rho12=0.148)
b−Glucan from Beet (1,2−b−Glucan); filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

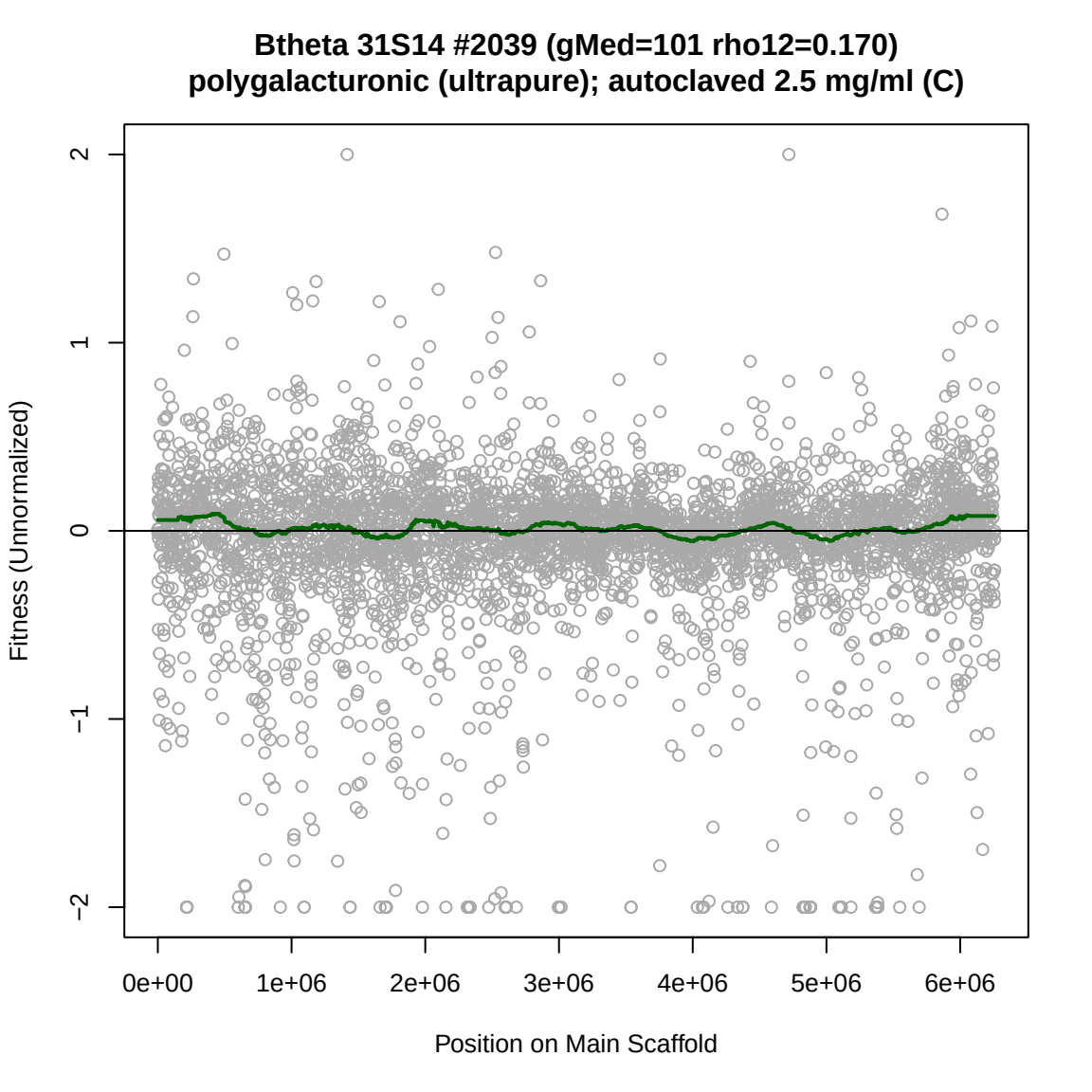

Btheta 31S9 #2034 (gMed=95 rho12=0.192)
Pectic galactan from potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

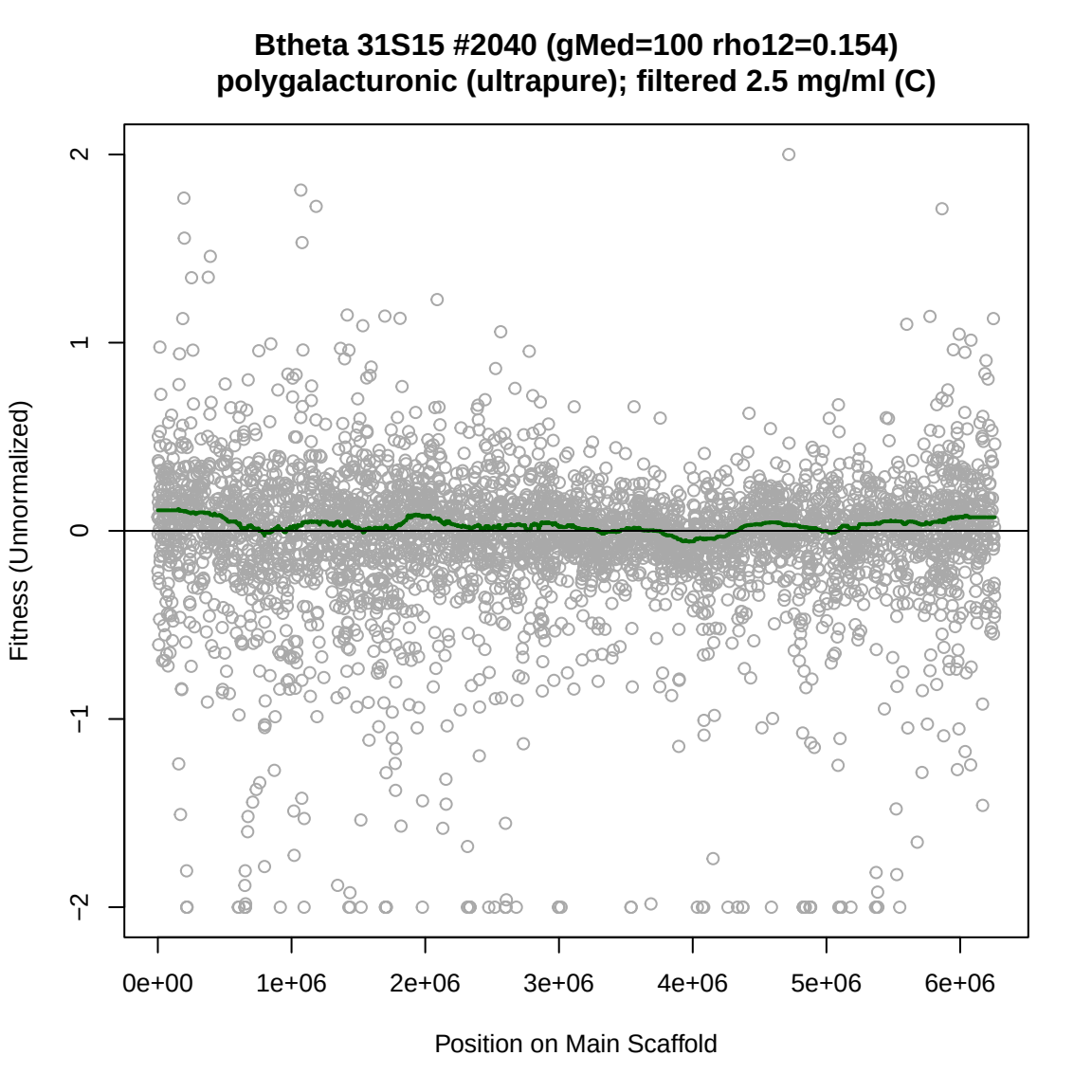

Btheta 31S10 #2035 (gMed=96 rho12=0.191)
Pectic galactan from potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

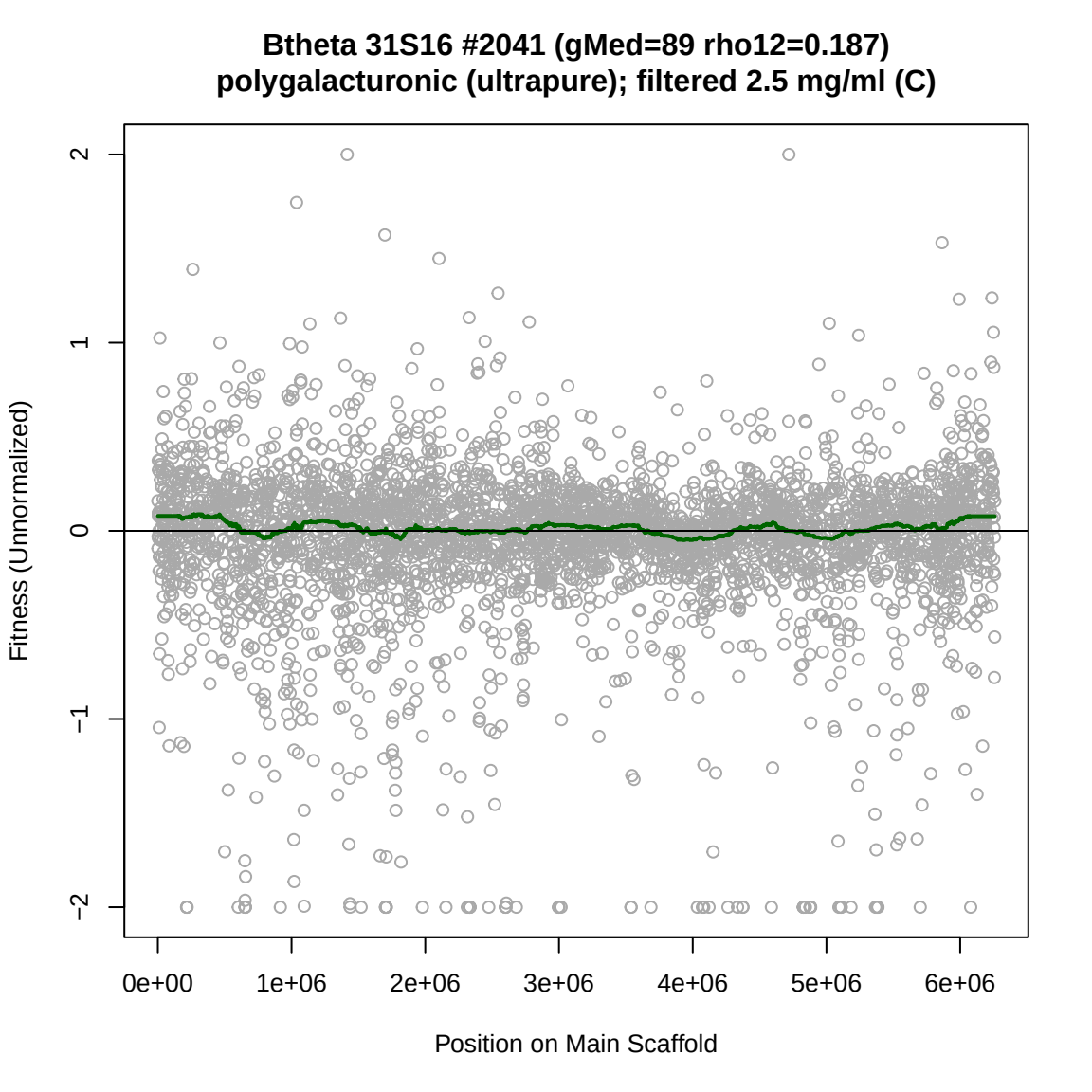

Btheta 31S11 #2036 (gMed=94 rho12=0.139)
Pectic galactan from potato; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

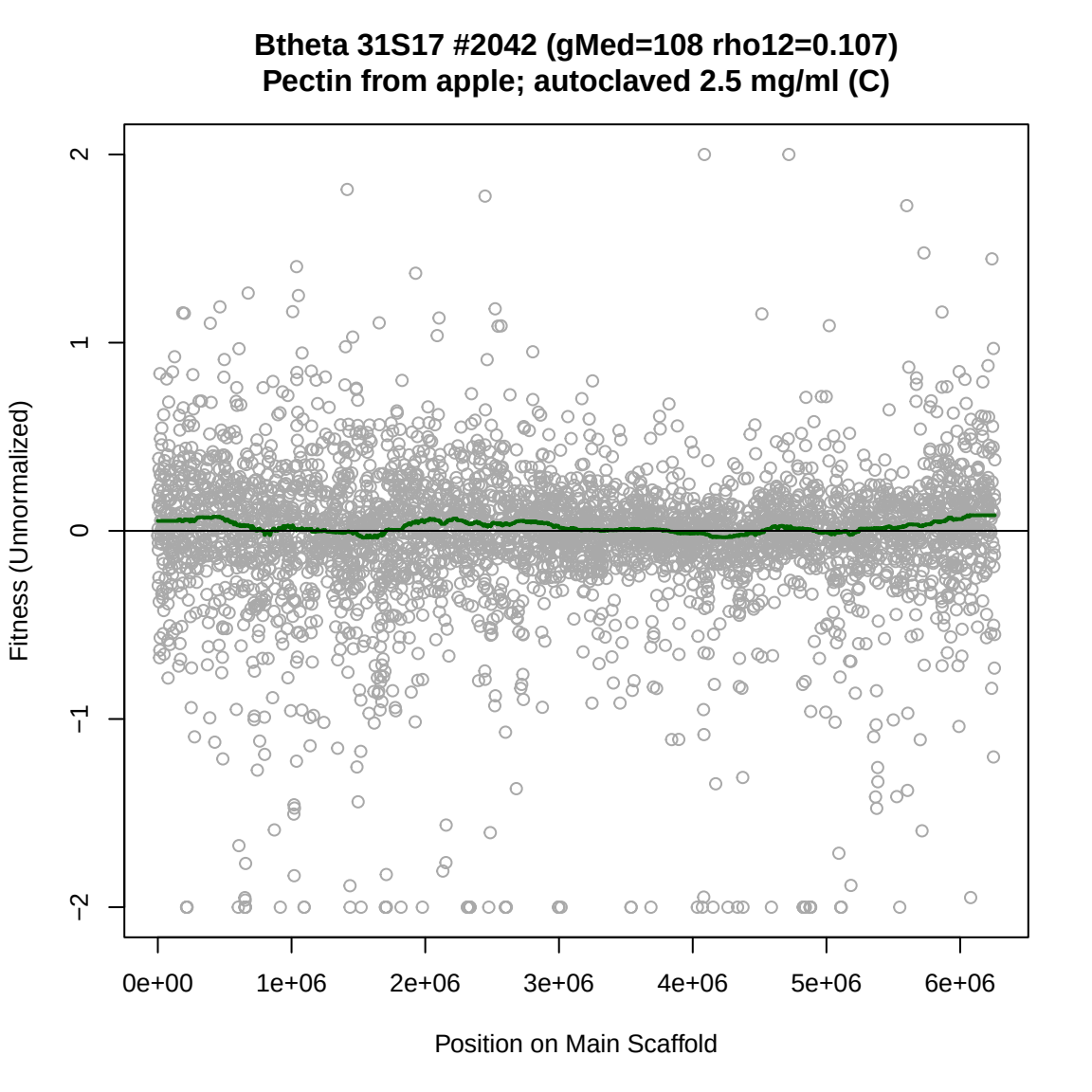

Btheta 31S12 #2037 (gMed=78 rho12=0.134)
Pectic galactan from potato; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

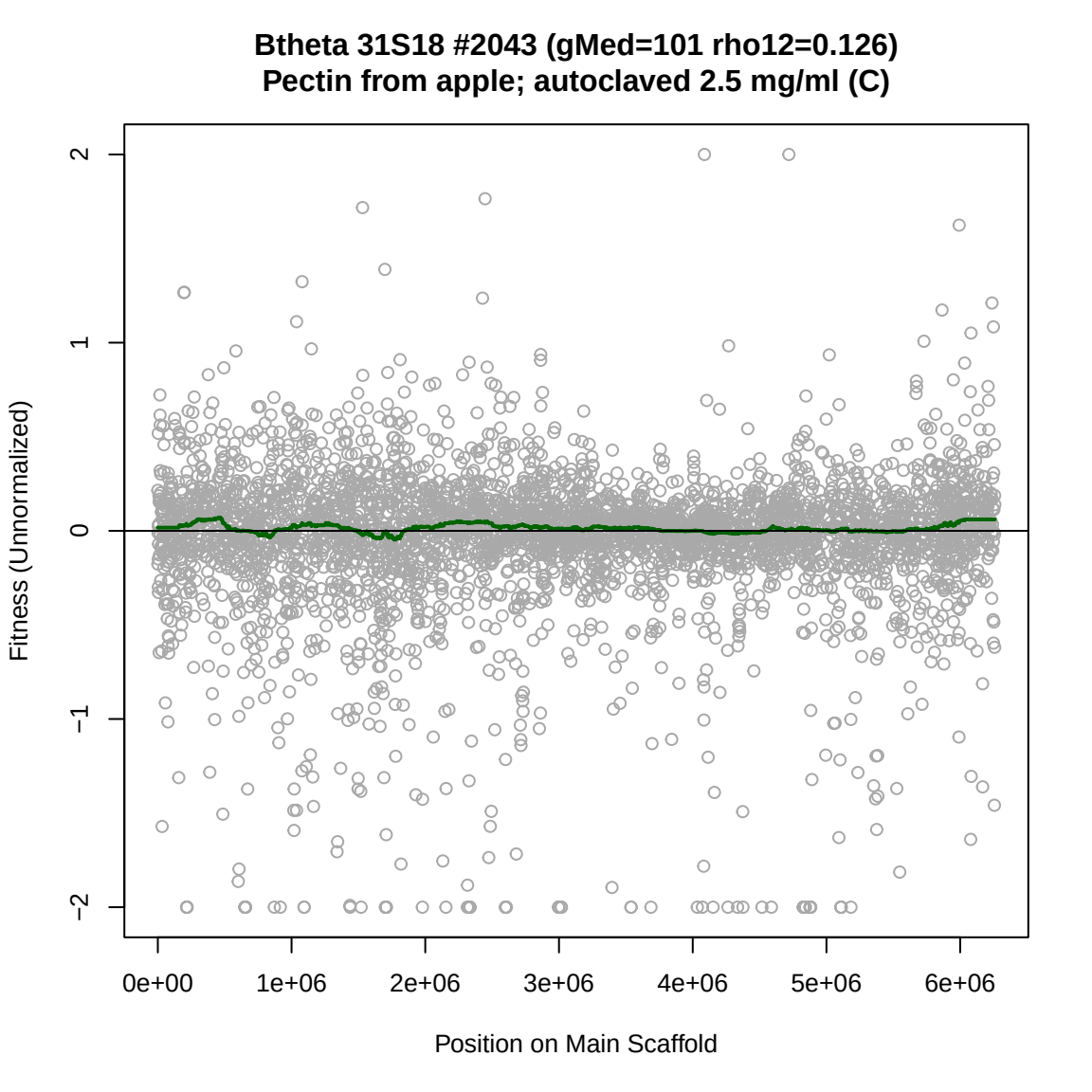

Btheta 31S13 #2038 (gMed=96 rho12=0.124)
polygalacturonic (ultrapure); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

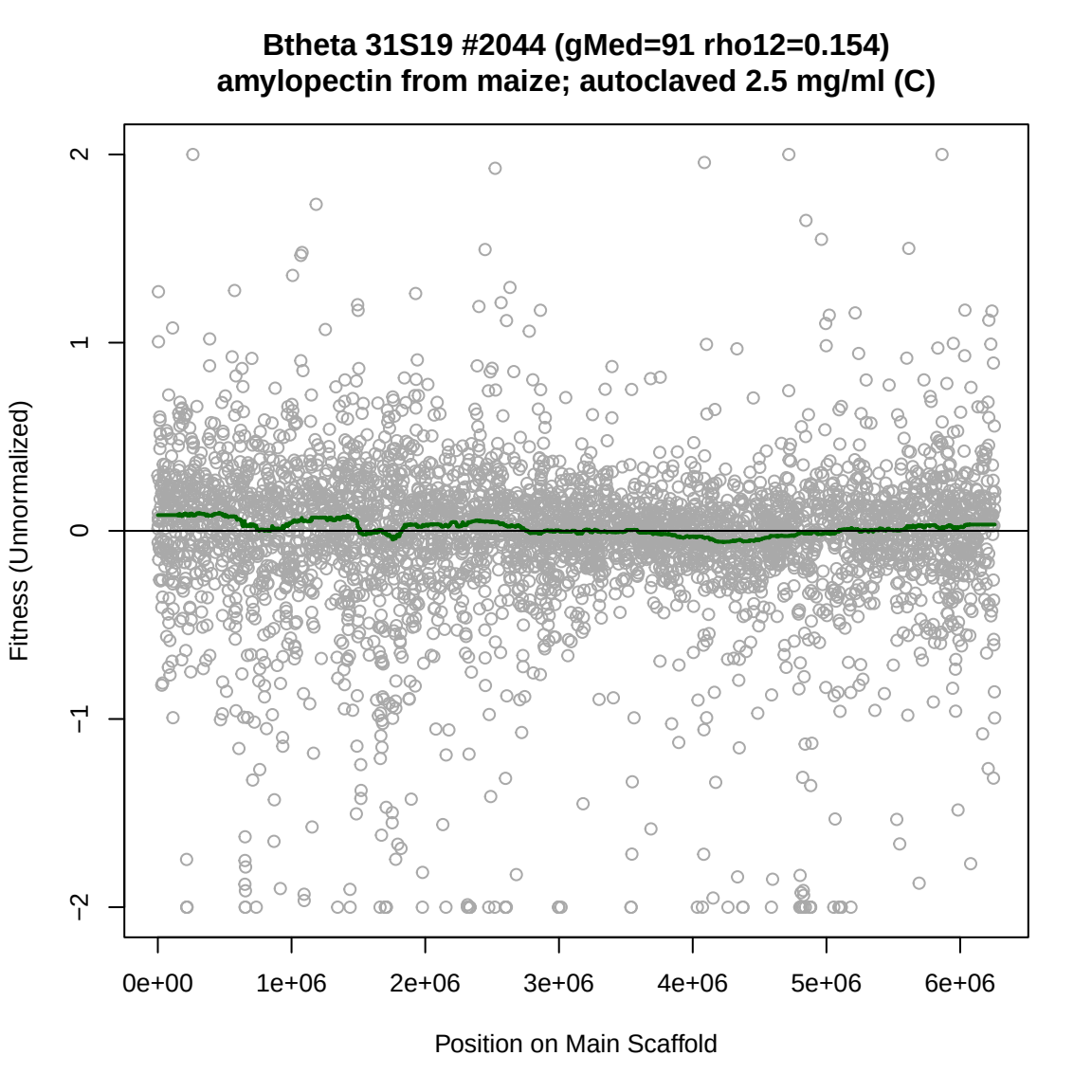

Btheta 31S14 #2039 (gMed=101 rho12=0.170)
polygalacturonic (ultrapure); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

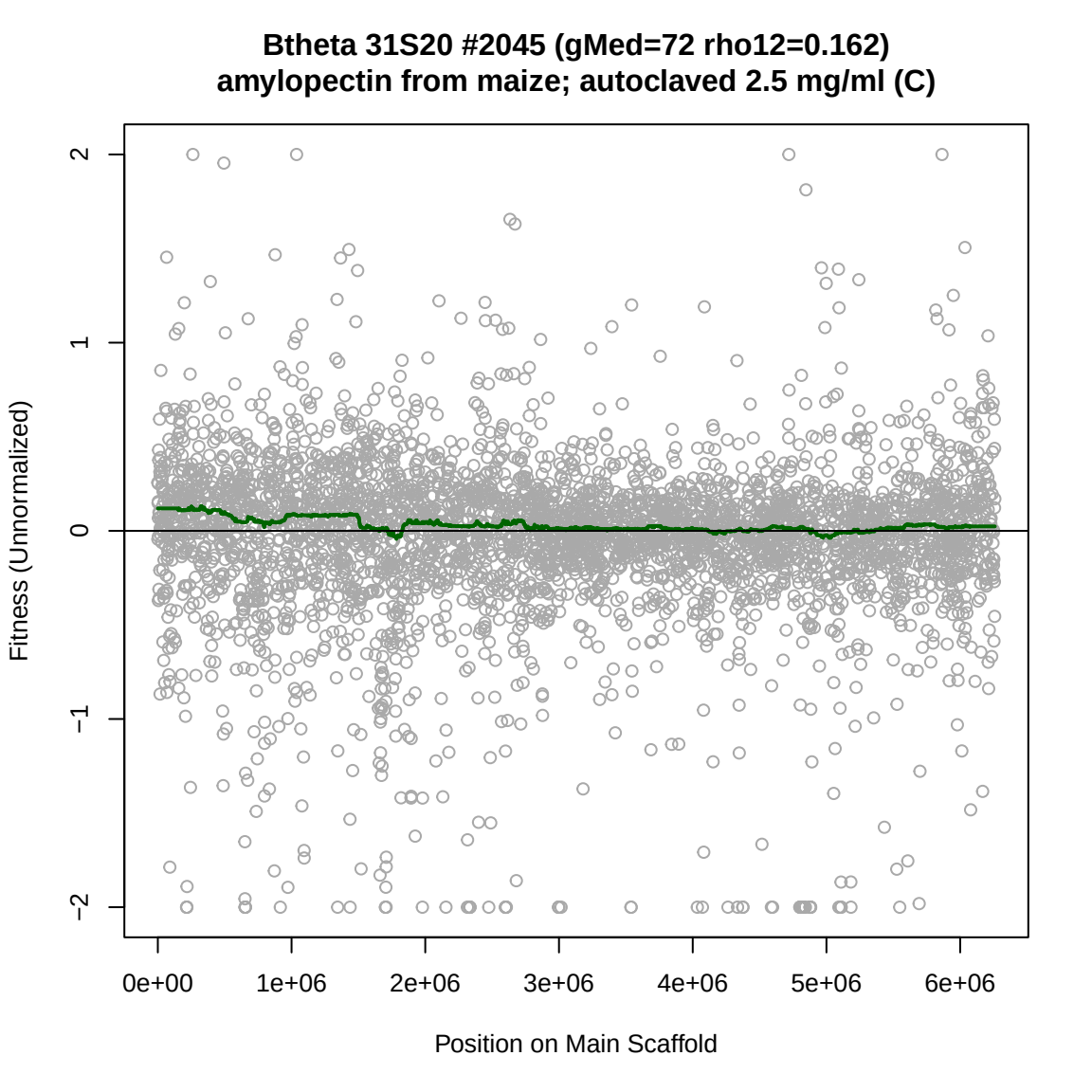

Btheta 31S15 #2040 (gMed=100 rho12=0.154)
polygalacturonic (ultrapure); filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

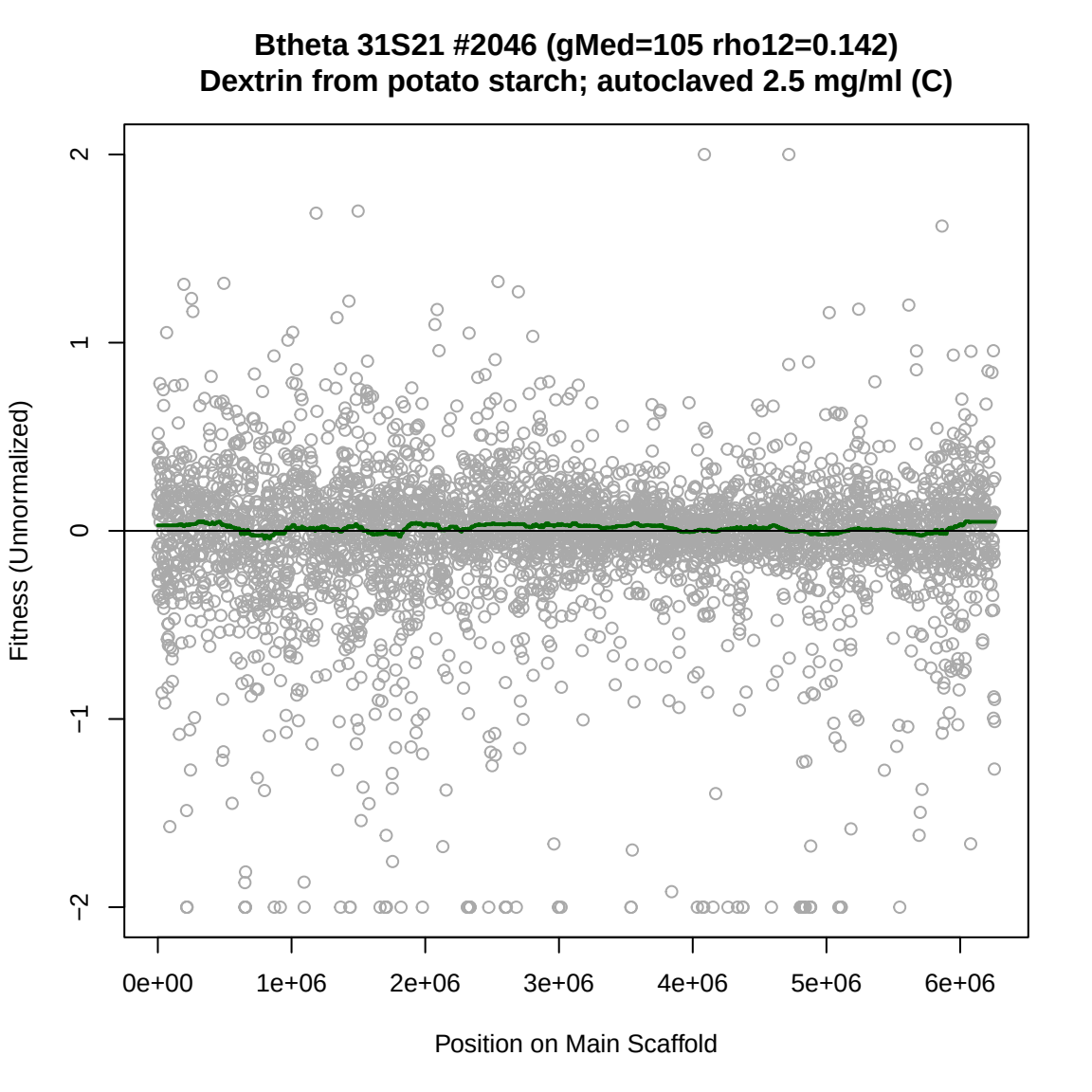

Btheta 31S16 #2041 (gMed=89 rho12=0.187)
polygalacturonic (ultrapure); filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

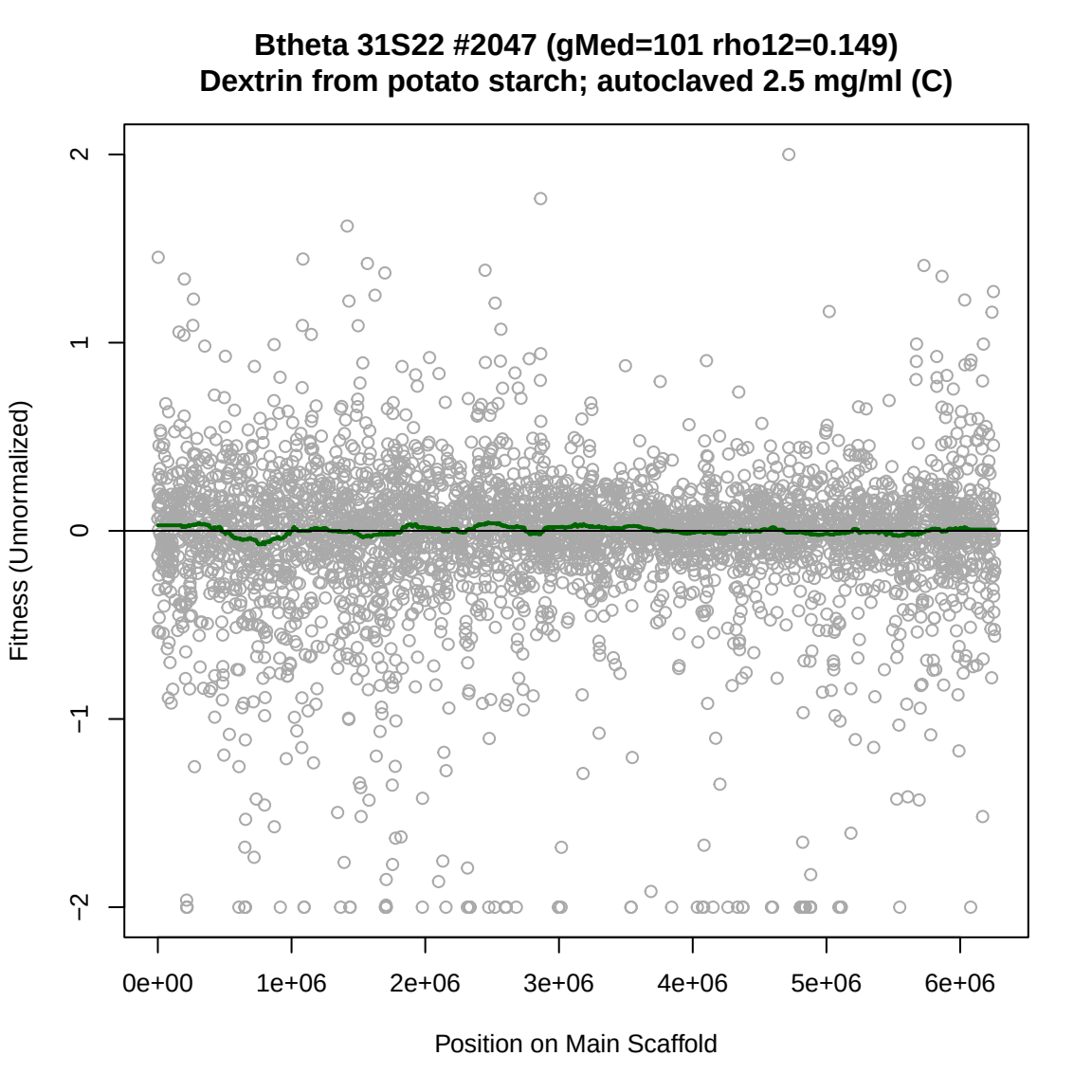

Btheta 31S17 #2042 (gMed=108 rho12=0.107)
Pectin from apple; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

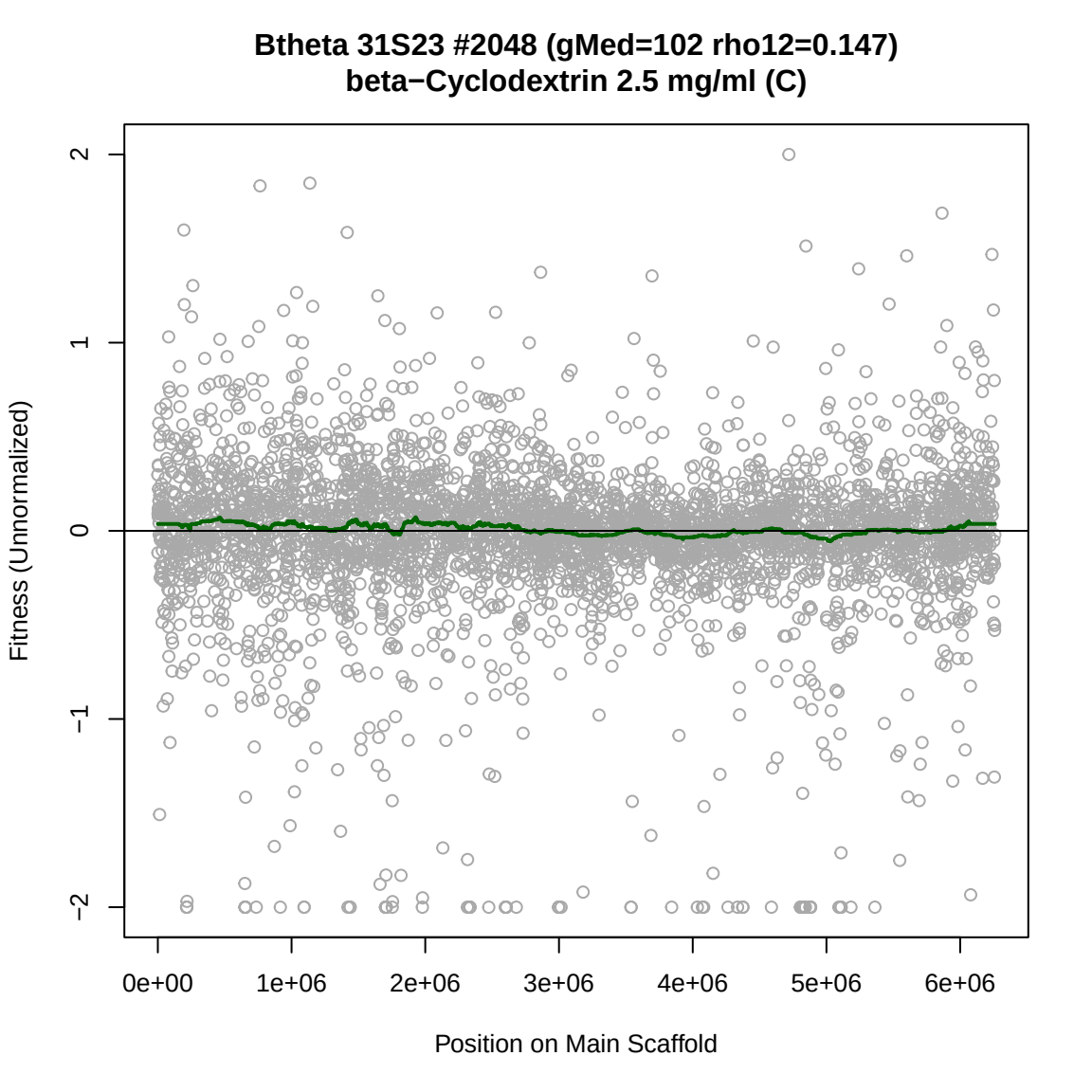

Btheta 31S18 #2043 (gMed=101 rho12=0.126)
Pectin from apple; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

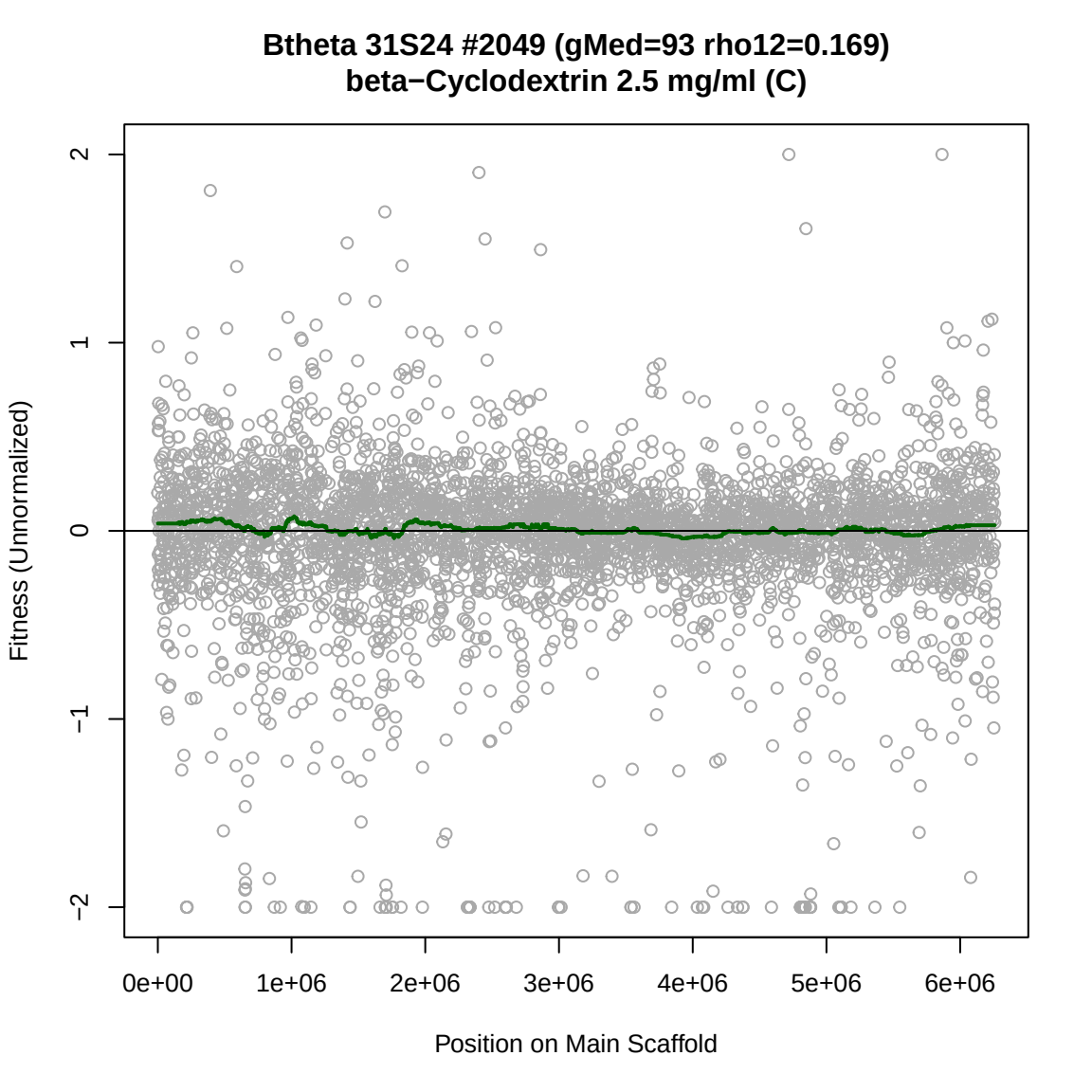

Btheta 31S19 #2044 (gMed=91 rho12=0.154)
amylopectin from maize; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

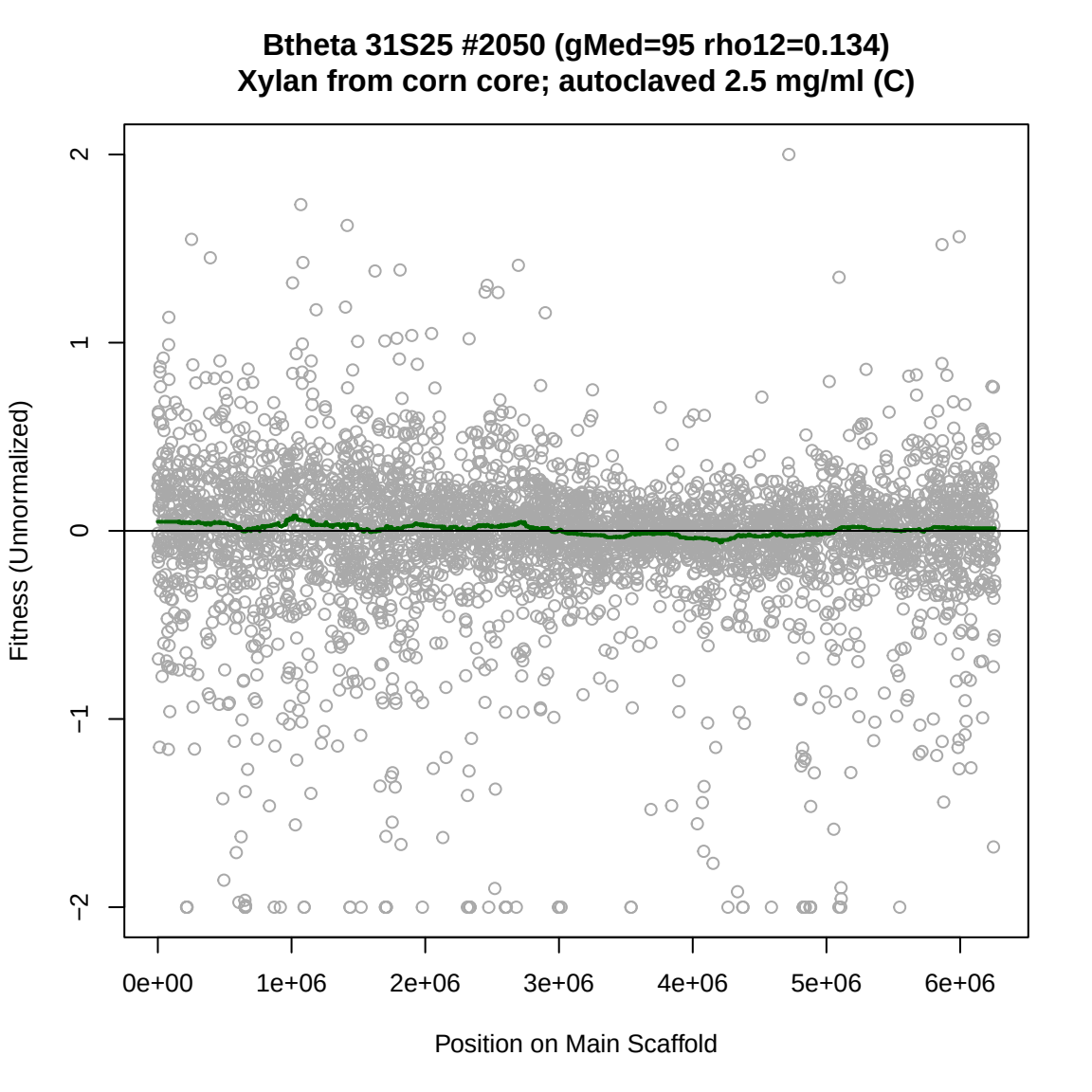

Btheta 31S20 #2045 (gMed=72 rho12=0.162)
amylopectin from maize; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

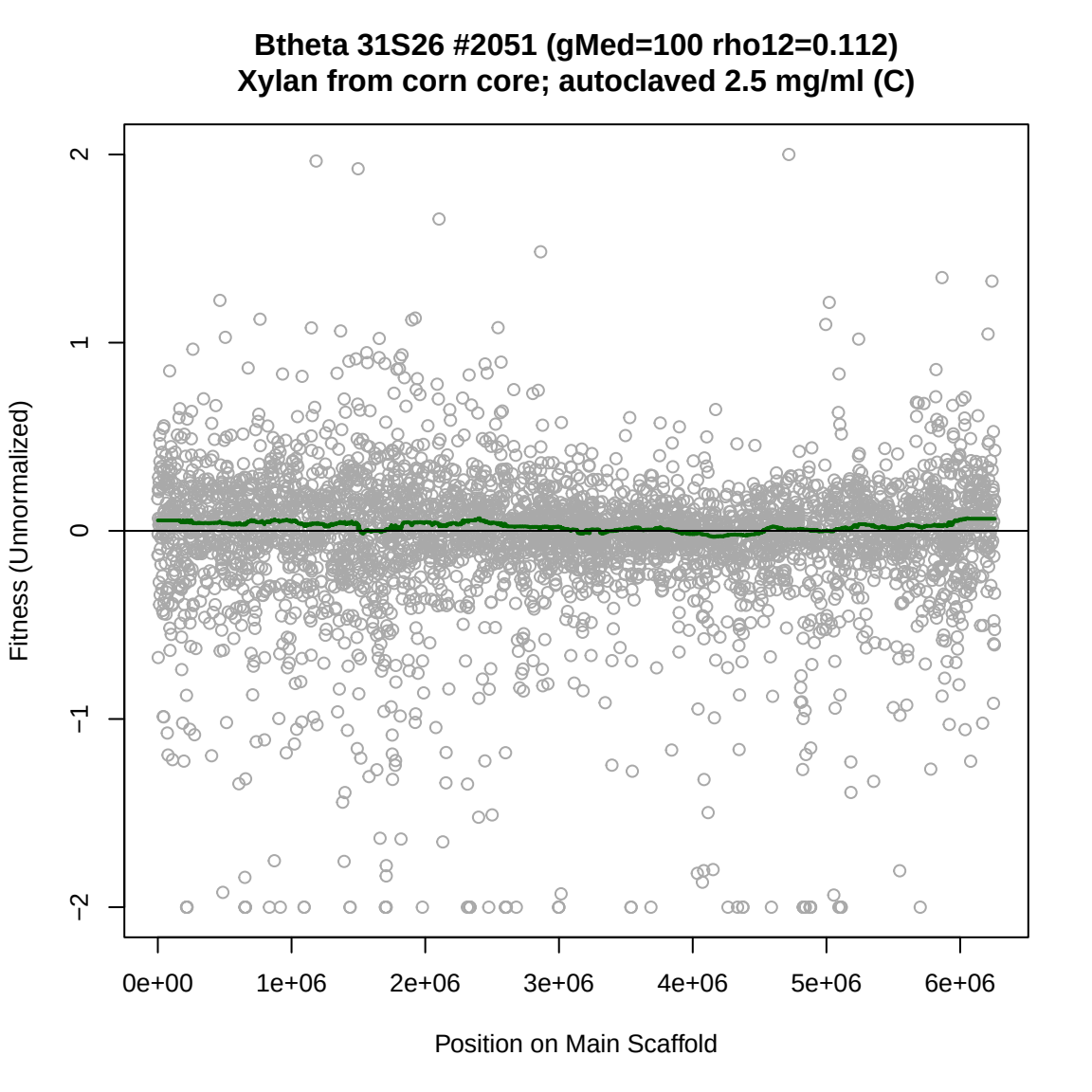

Btheta 31S21 #2046 (gMed=105 rho12=0.142)
Dextrin from potato starch; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

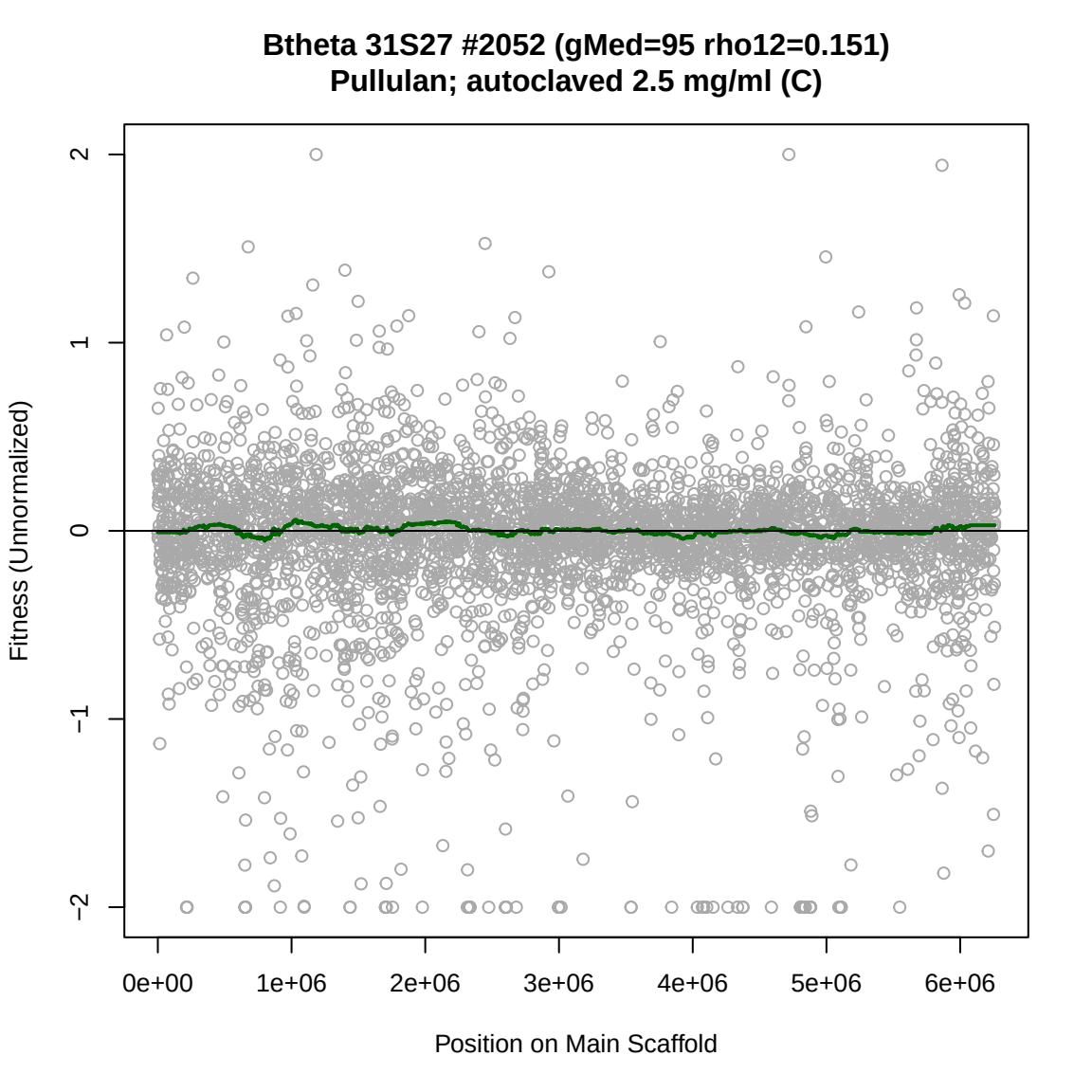

Btheta 31S22 #2047 (gMed=101 rho12=0.149)
Dextrin from potato starch; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

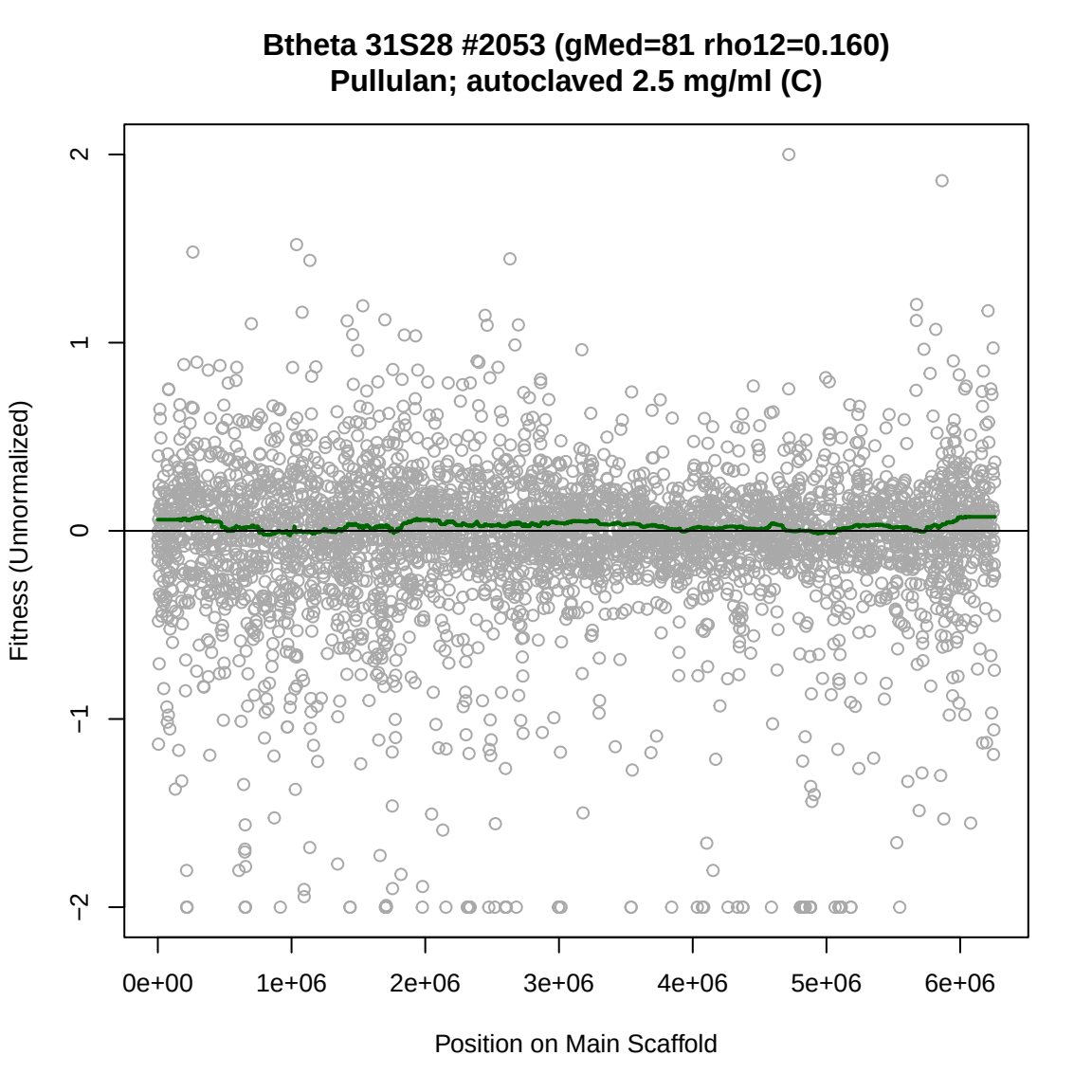

Btheta 31S23 #2048 (gMed=102 rho12=0.147)
beta−Cyclodextrin 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

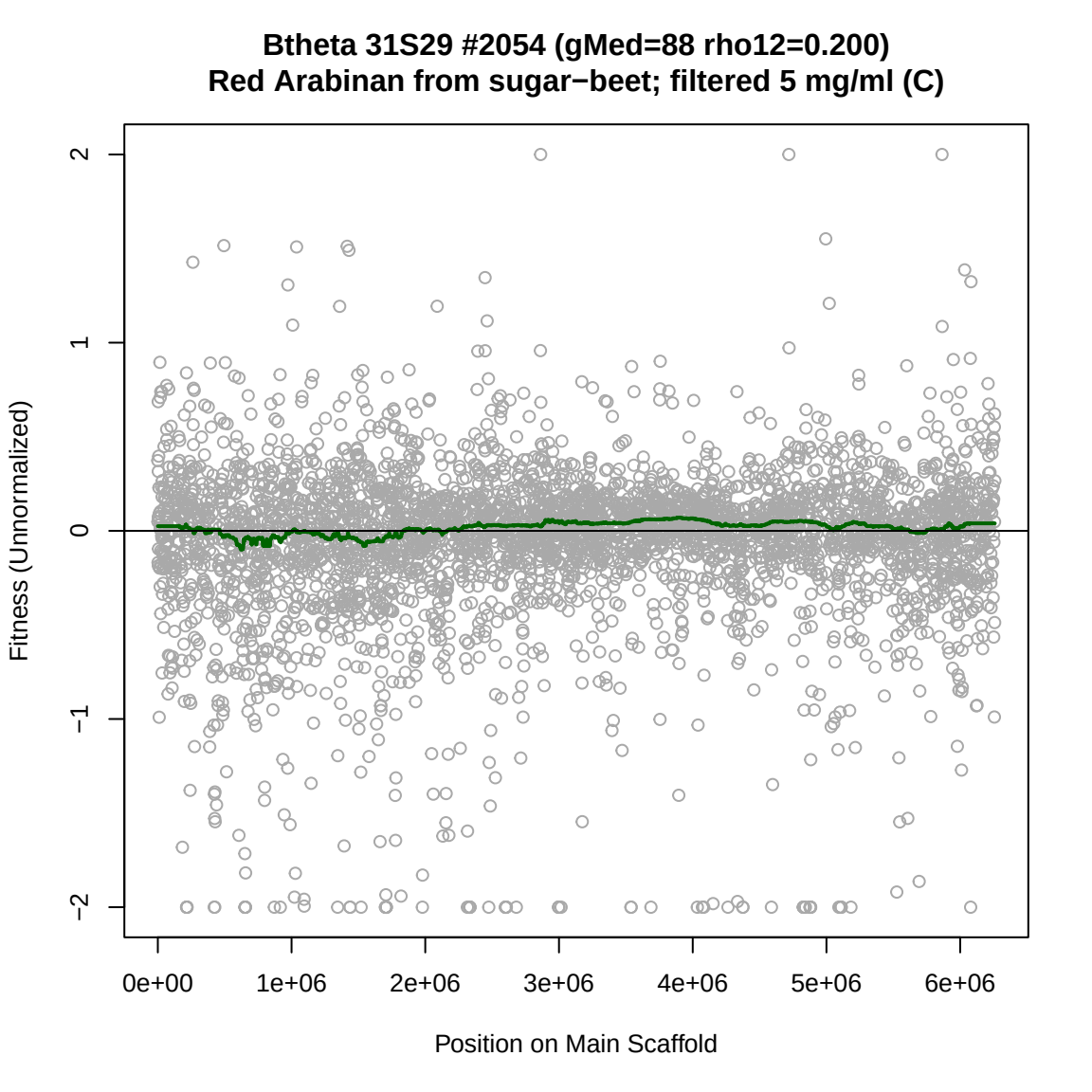

Btheta 31S24 #2049 (gMed=93 rho12=0.169)
beta−Cyclodextrin 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

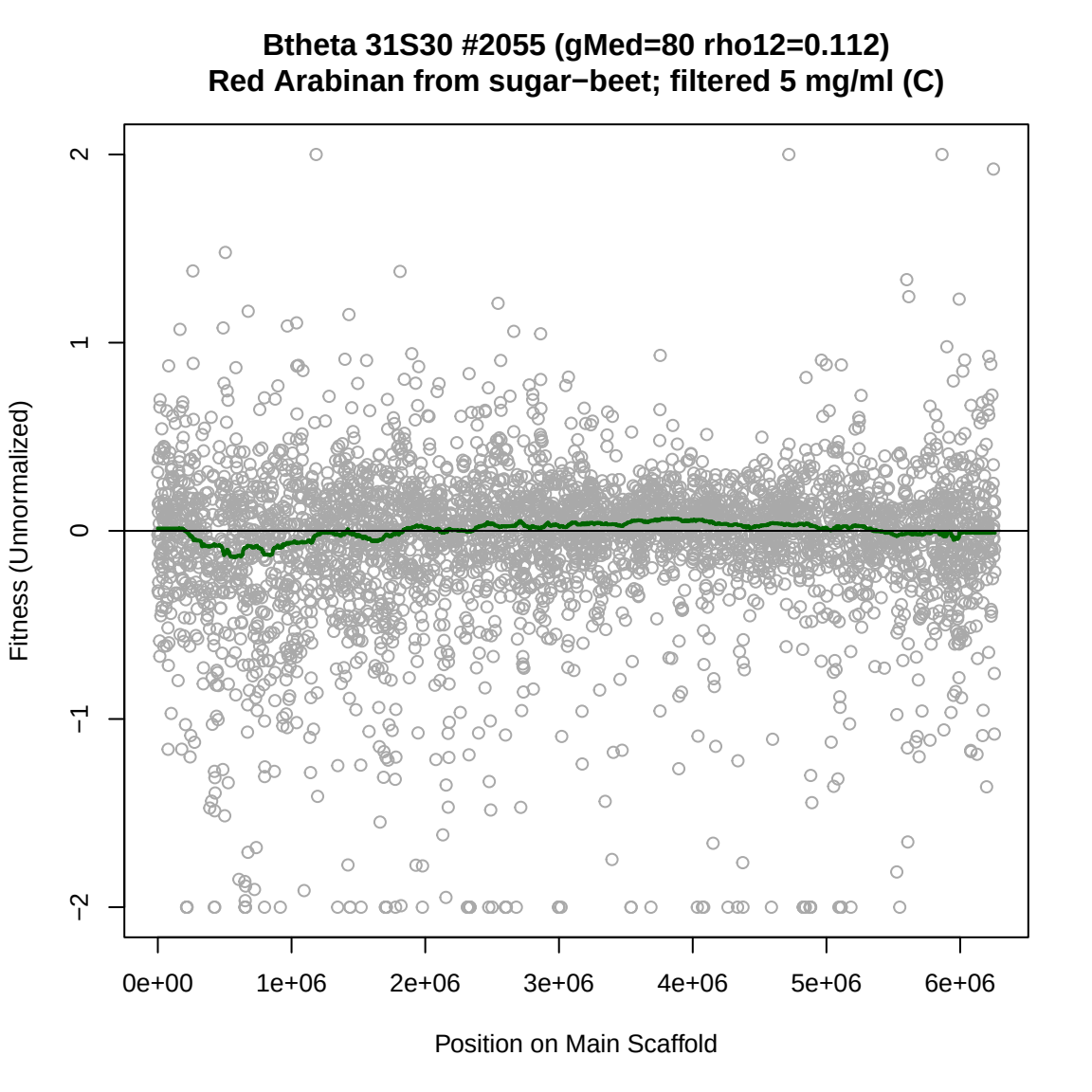

Btheta 31S25 #2050 (gMed=95 rho12=0.134)
Xylan from corn core; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

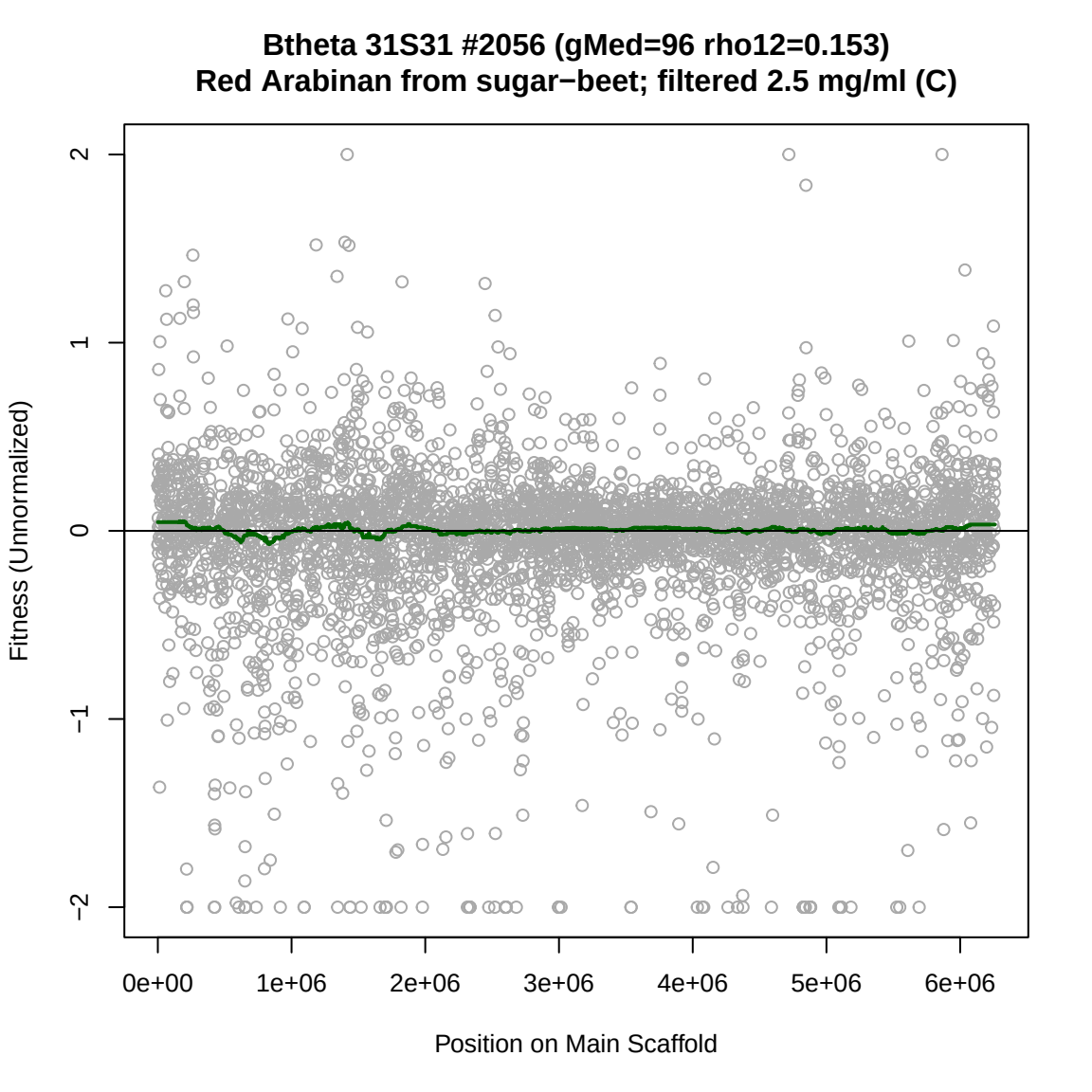

Btheta 31S26 #2051 (gMed=100 rho12=0.112)
Xylan from corn core; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

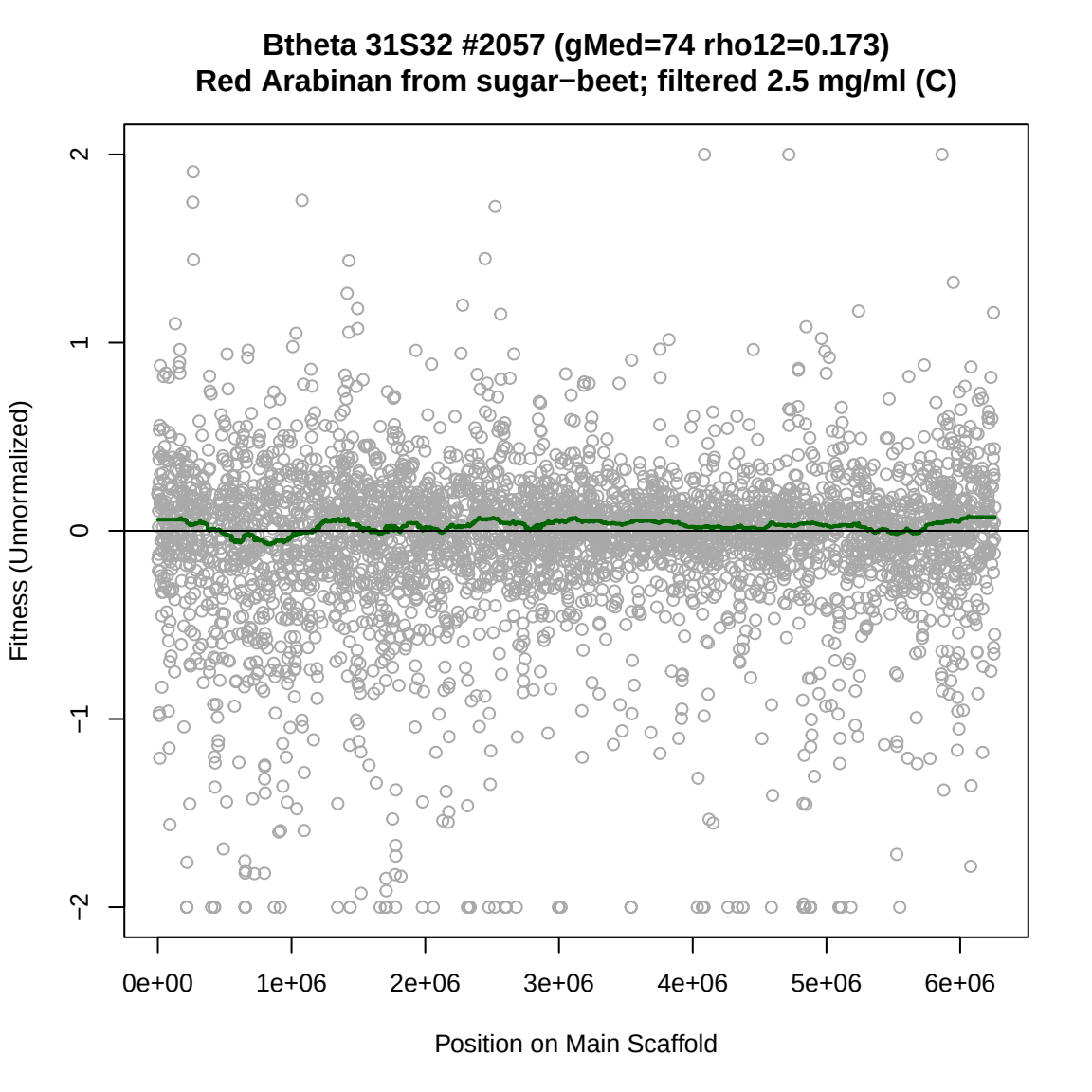

Btheta 31S27 #2052 (gMed=95 rho12=0.151)
Pullulan; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

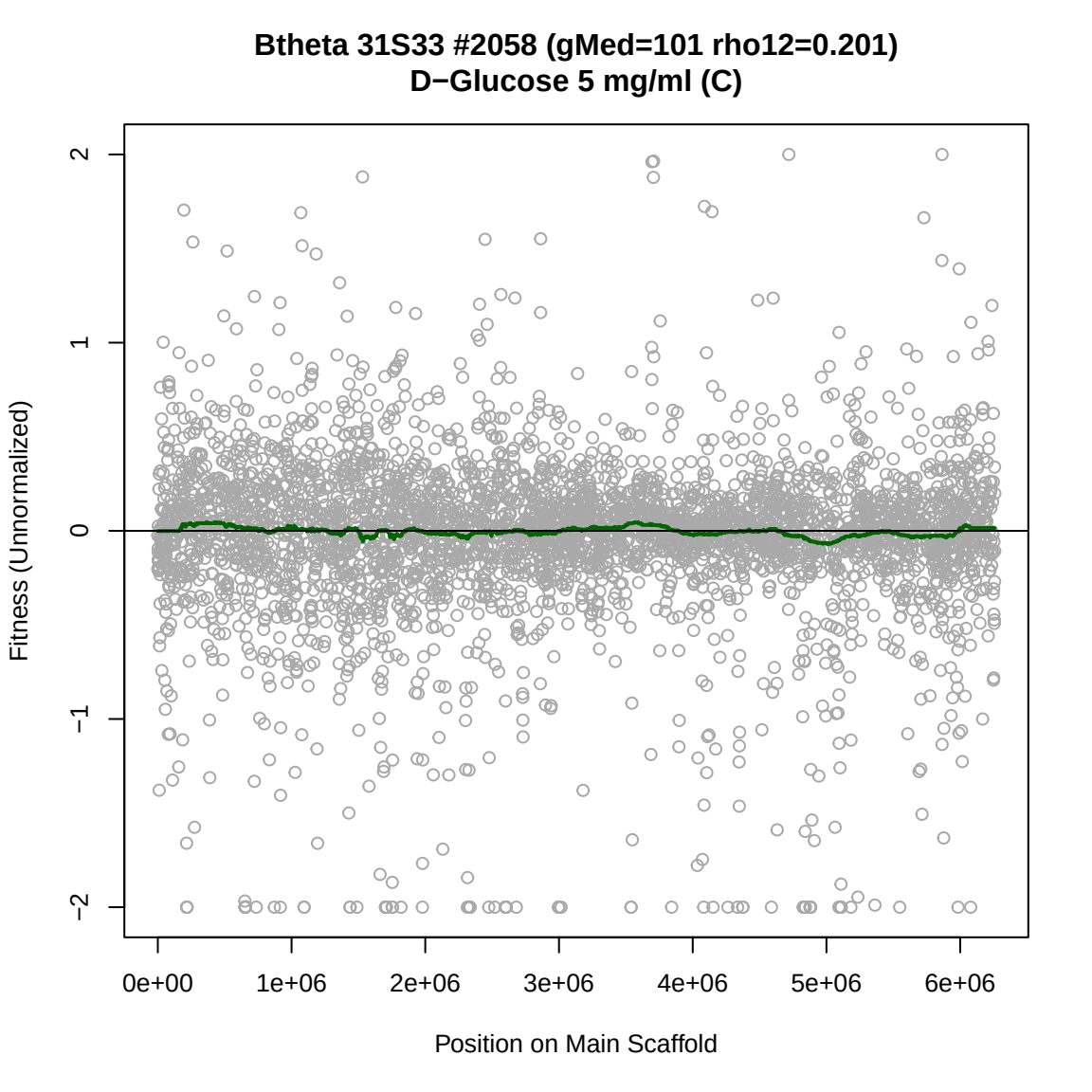

Btheta 31S28 #2053 (gMed=81 rho12=0.160)
Pullulan; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

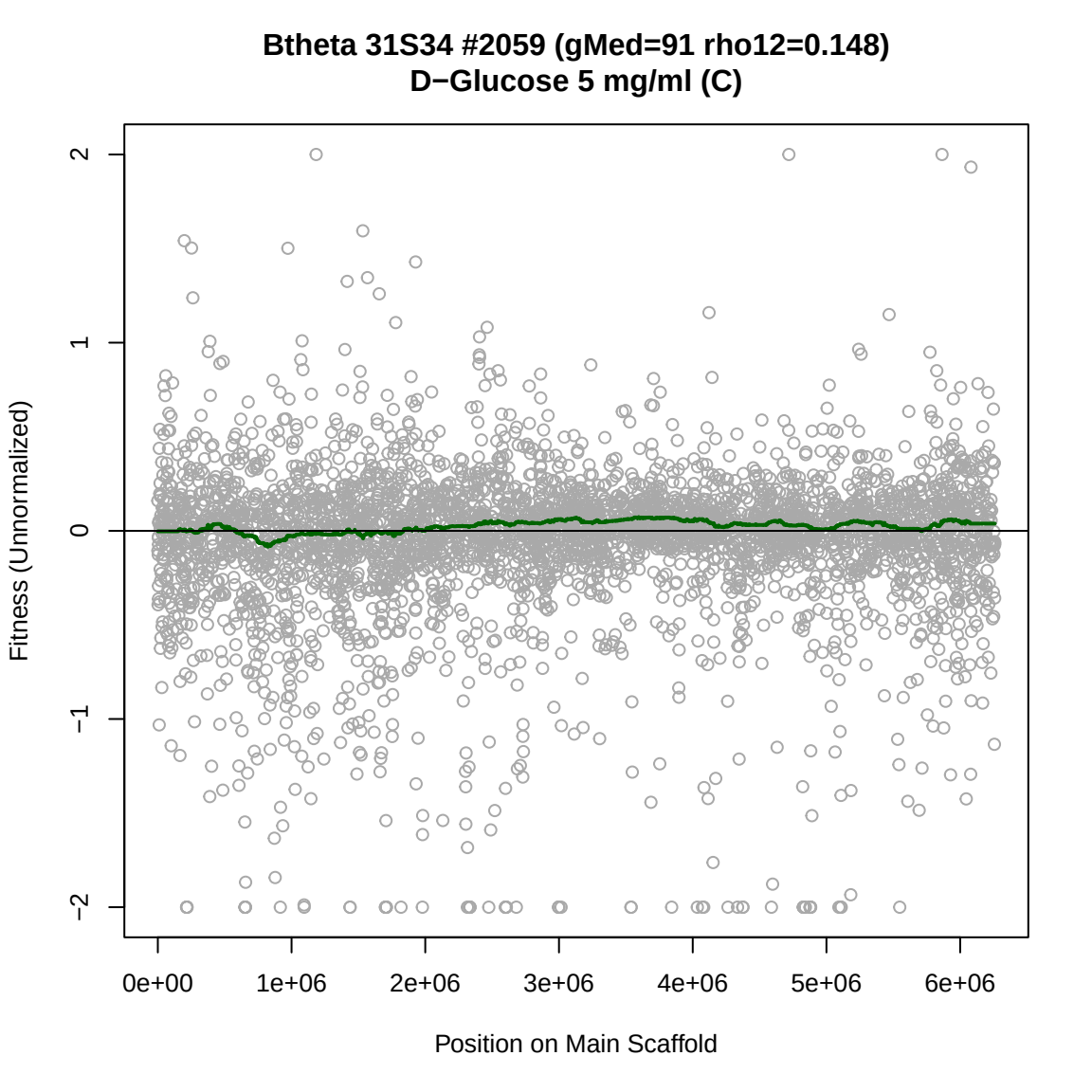

Btheta 31S29 #2054 (gMed=88 rho12=0.200)
Red Arabinan from sugar−beet; filtered 5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

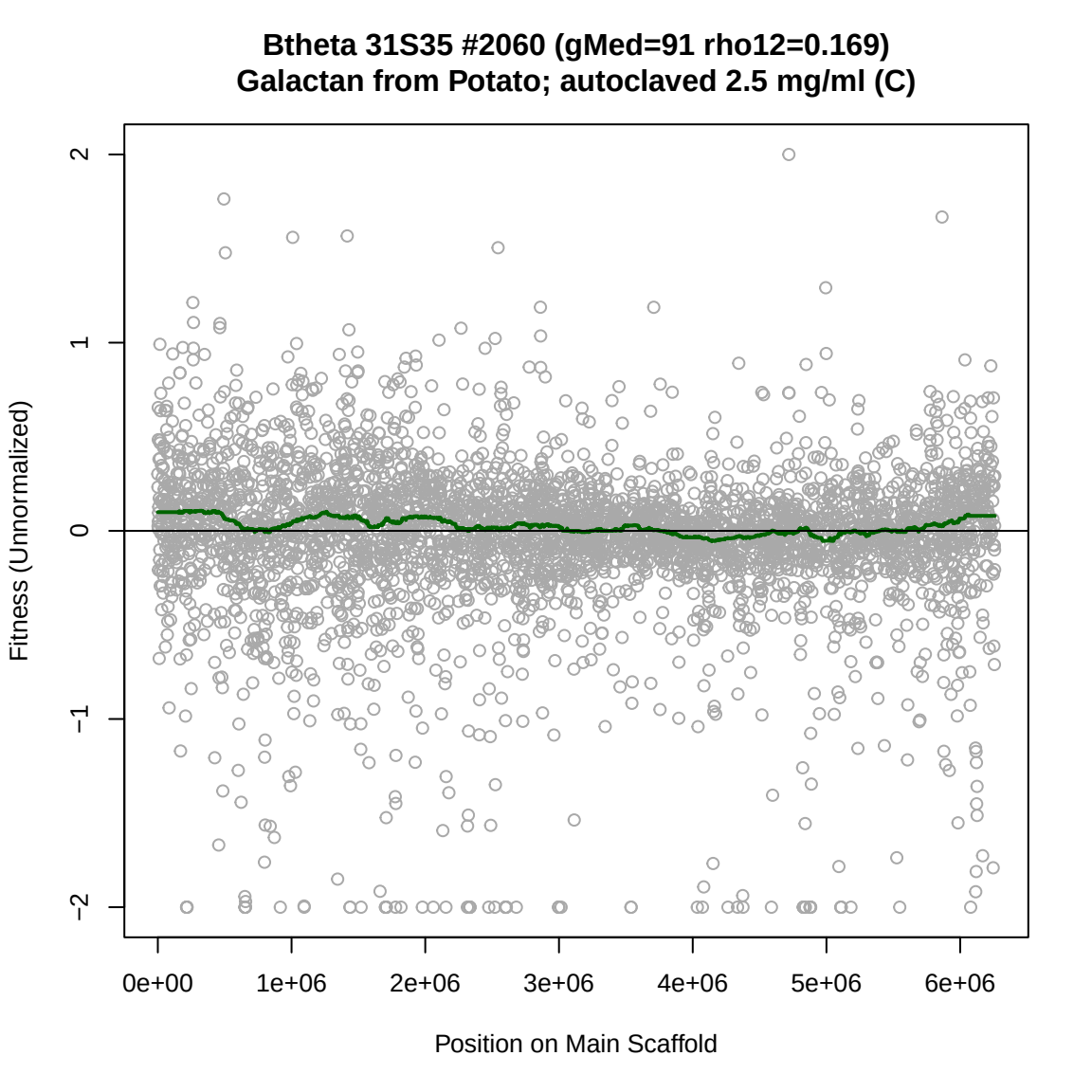

Btheta 31S30 #2055 (gMed=80 rho12=0.112)
Red Arabinan from sugar−beet; filtered 5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

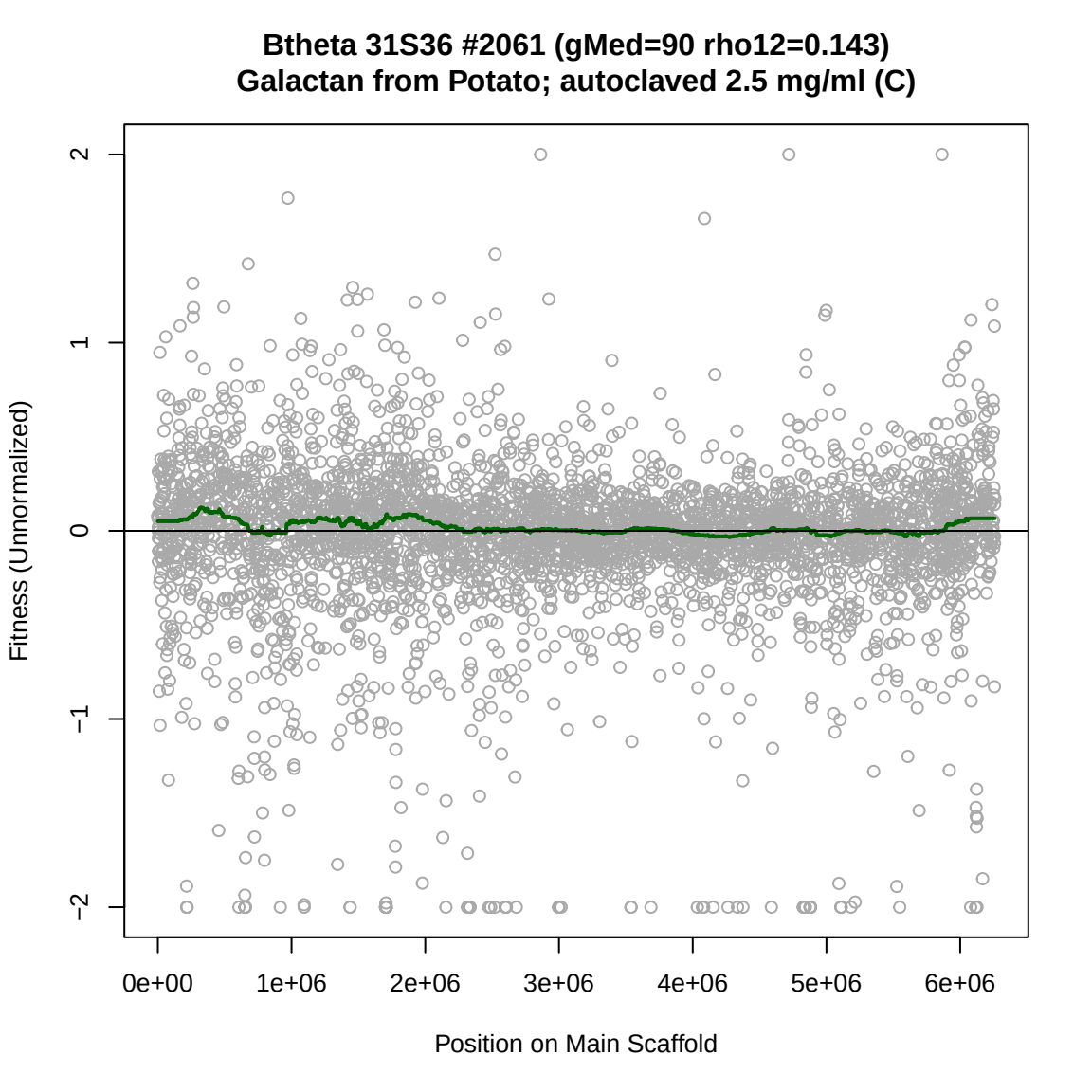

Btheta 31S31 #2056 (gMed=96 rho12=0.153)
Red Arabinan from sugar−beet; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

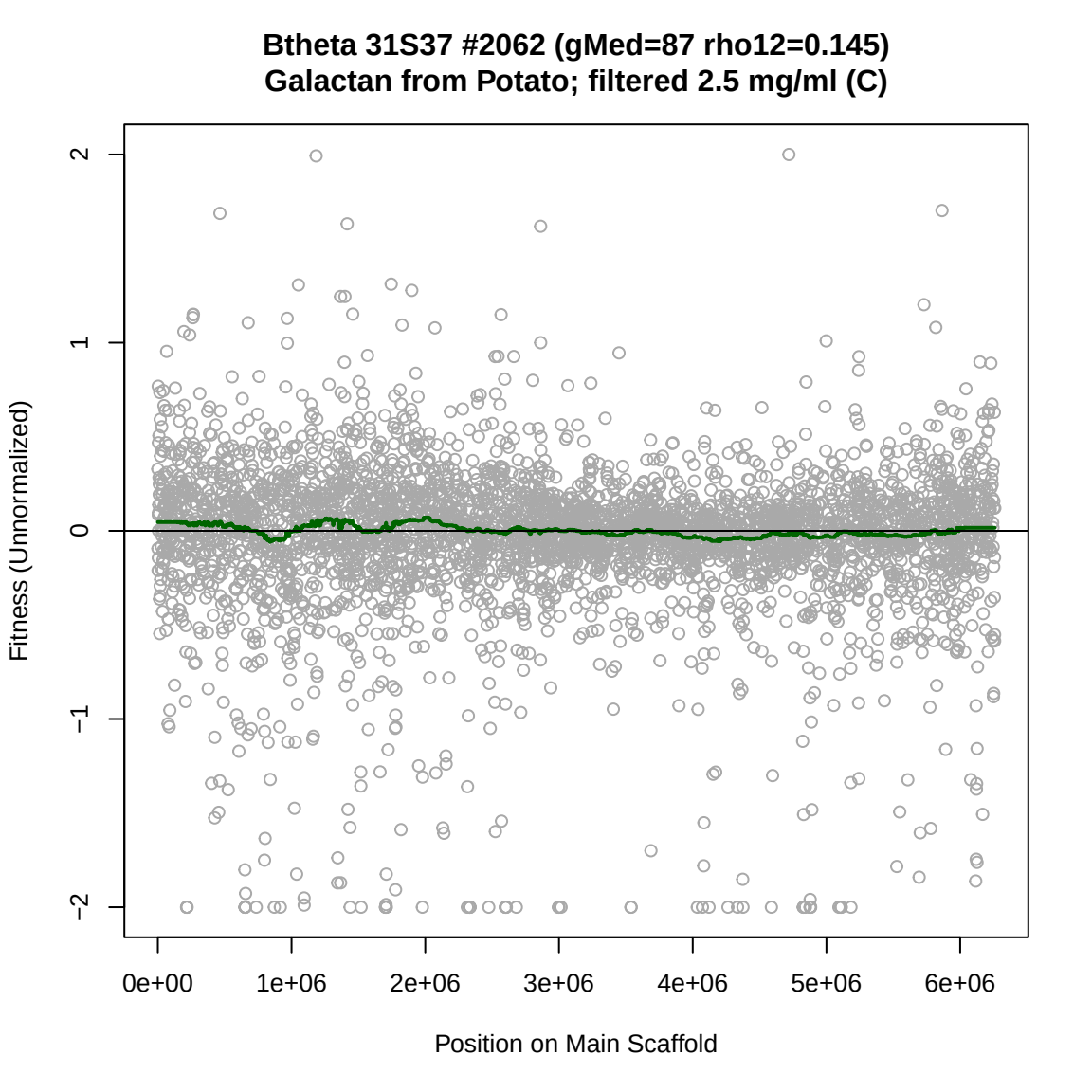

Btheta 31S32 #2057 (gMed=74 rho12=0.173)
Red Arabinan from sugar−beet; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

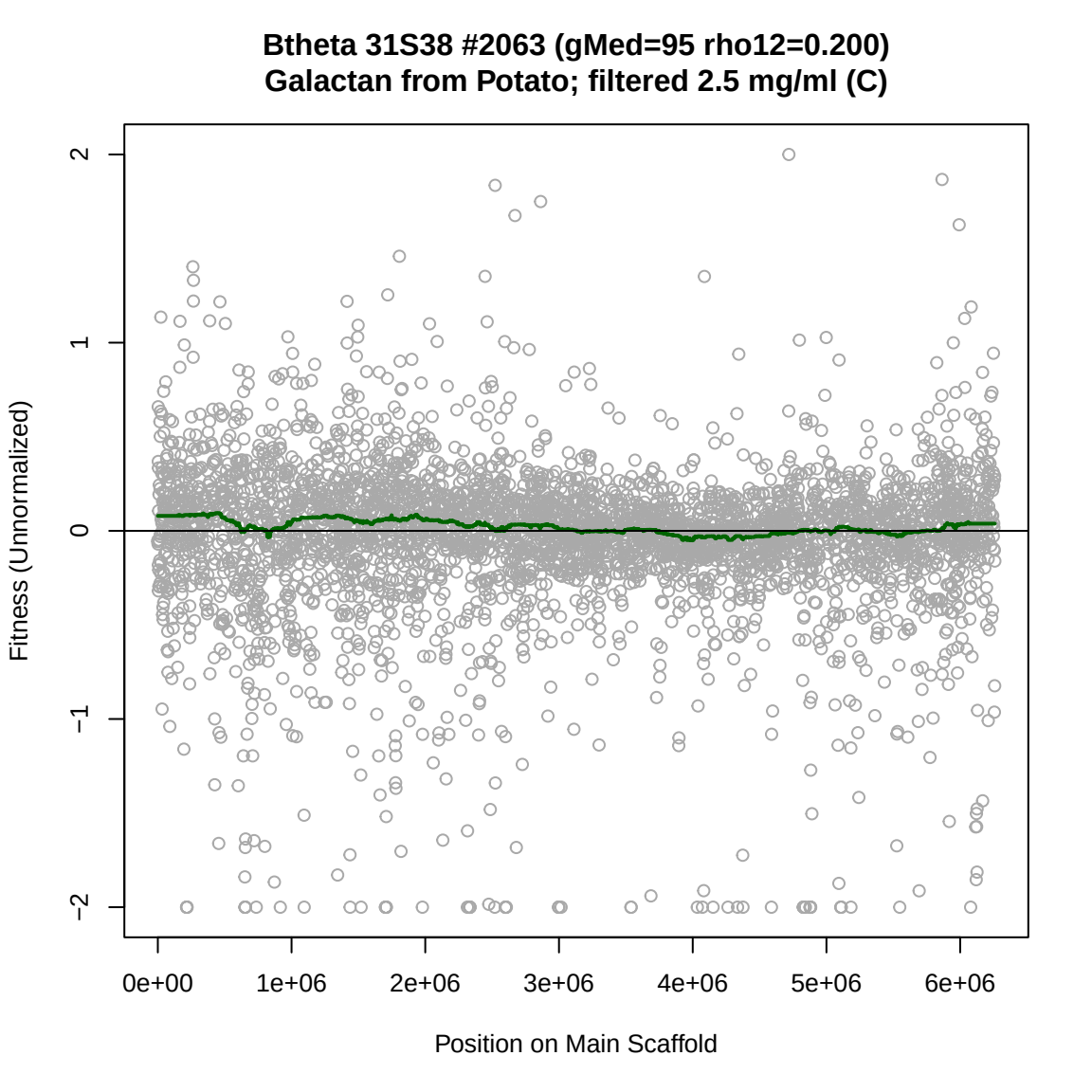

Btheta 31S33 #2058 (gMed=101 rho12=0.201)
D−Glucose 5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

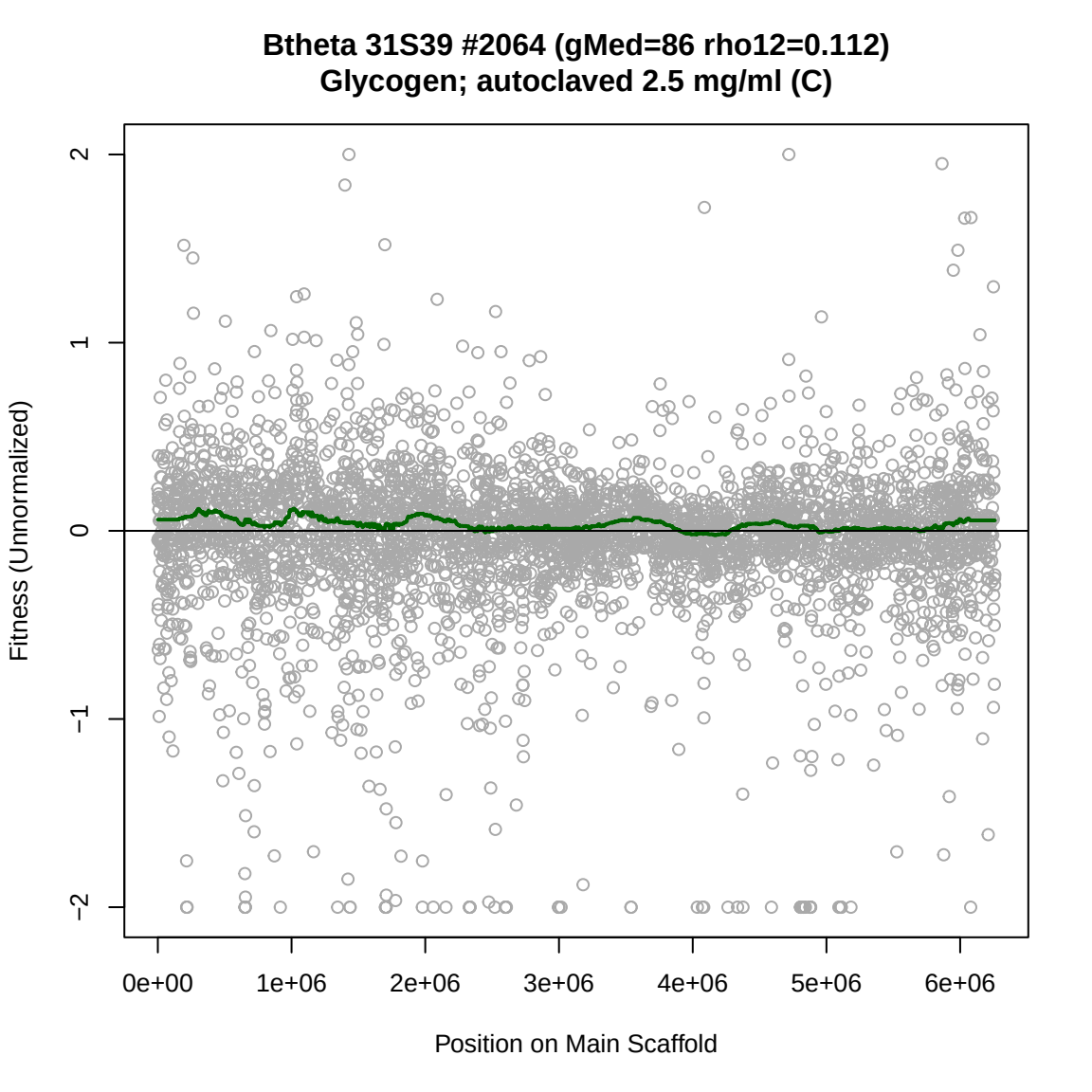

Btheta 31S34 #2059 (gMed=91 rho12=0.148)
D−Glucose 5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

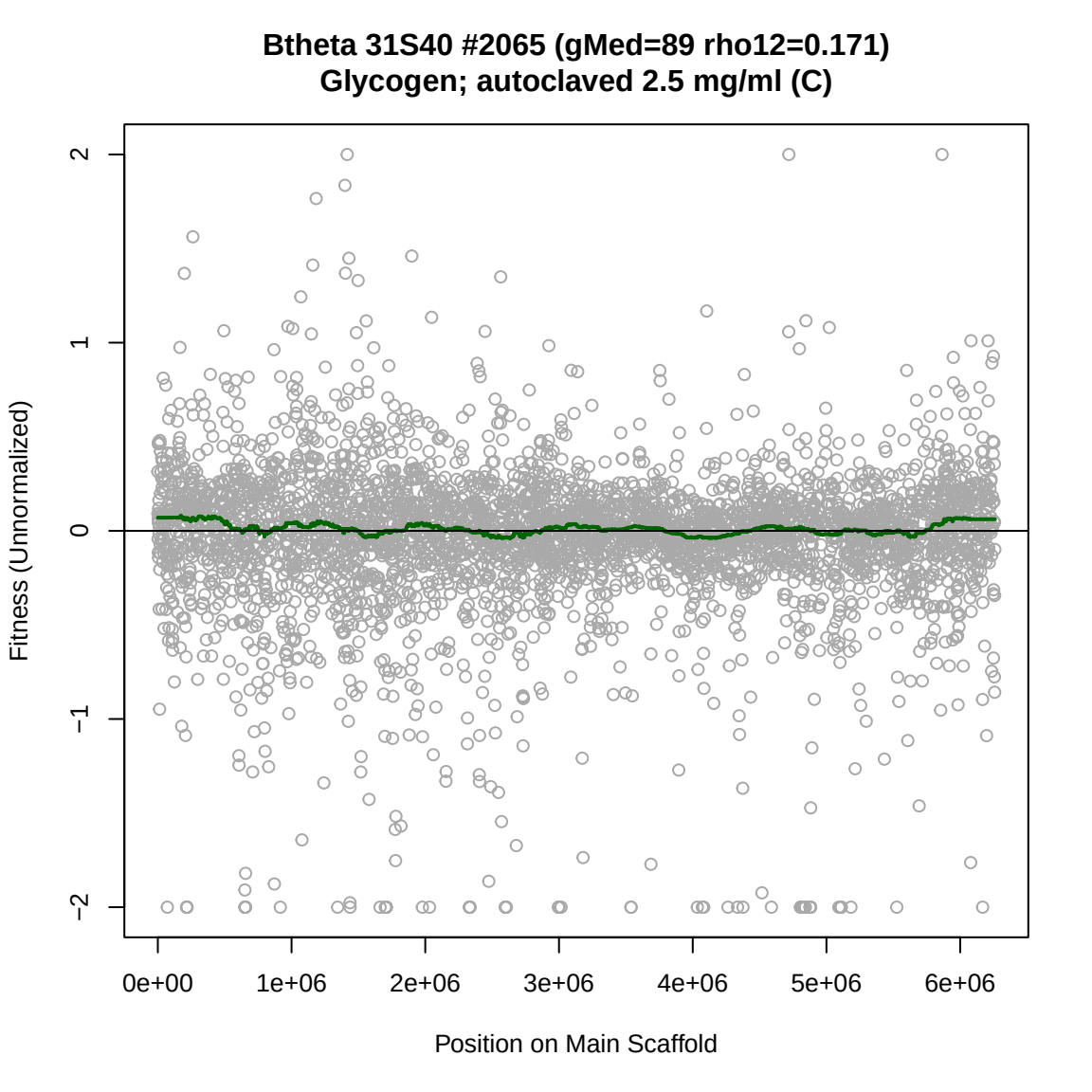

Btheta 31S35 #2060 (gMed=91 rho12=0.169)
Galactan from Potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

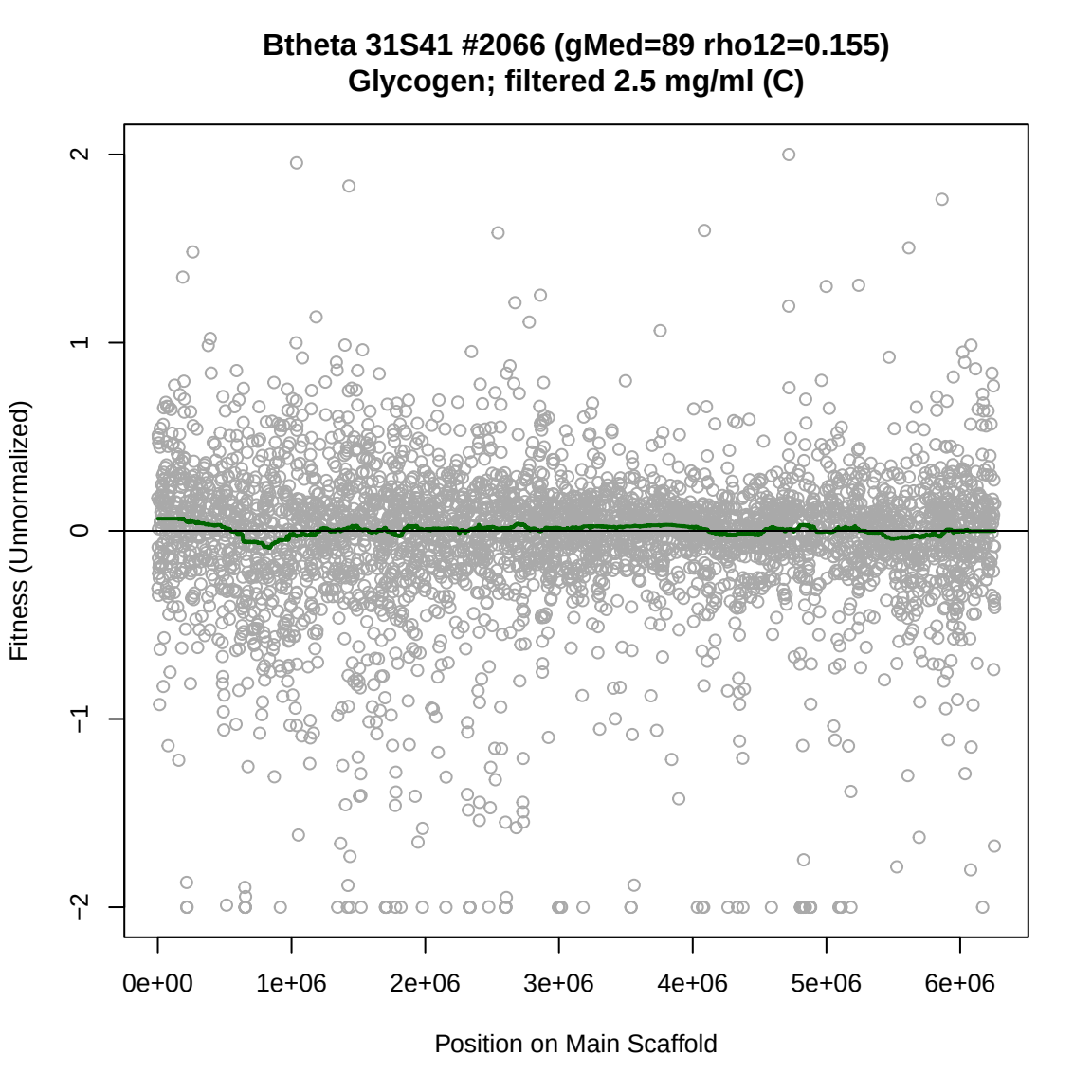

Btheta 31S36 #2061 (gMed=90 rho12=0.143)
Galactan from Potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

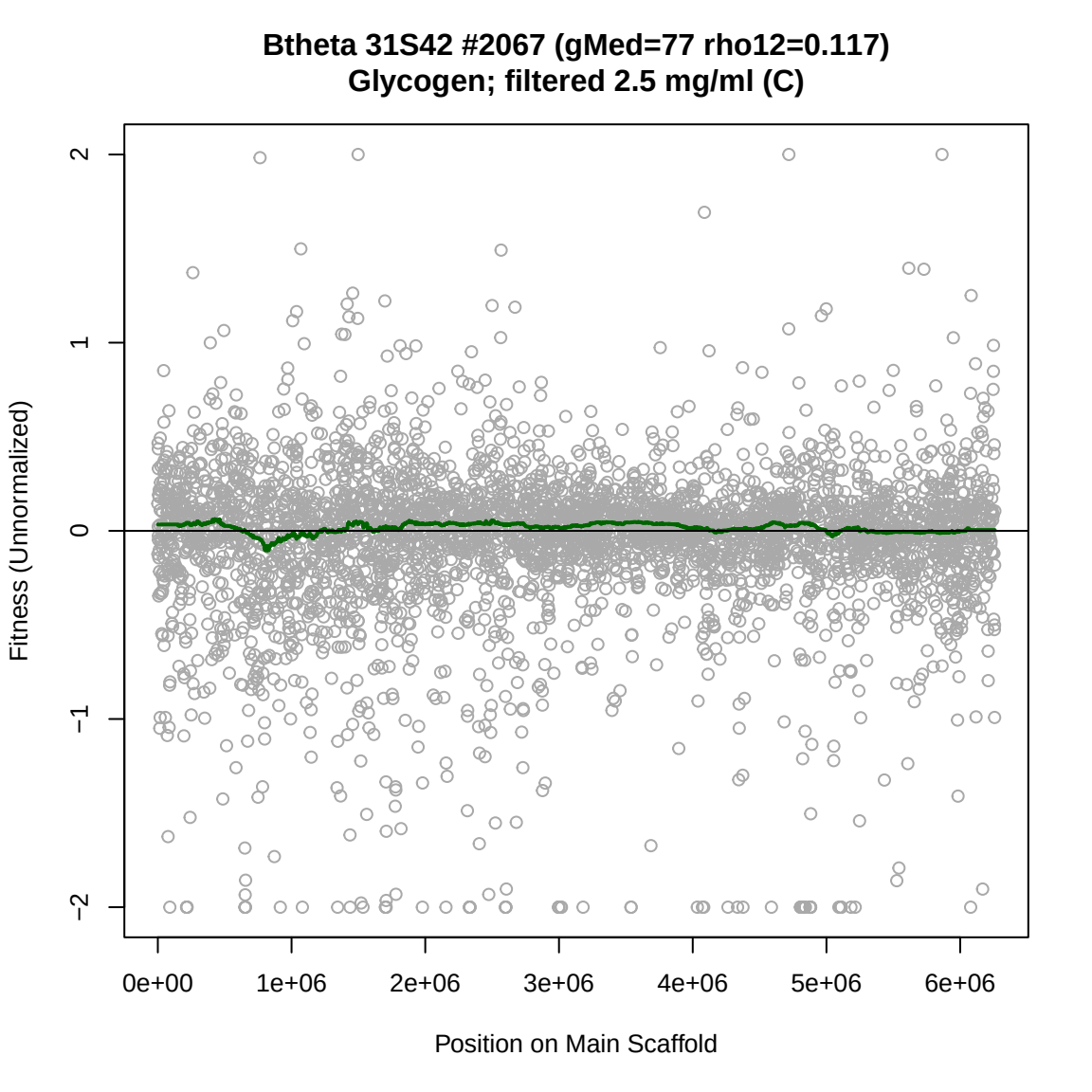

Btheta 31S37 #2062 (gMed=87 rho12=0.145)
Galactan from Potato; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

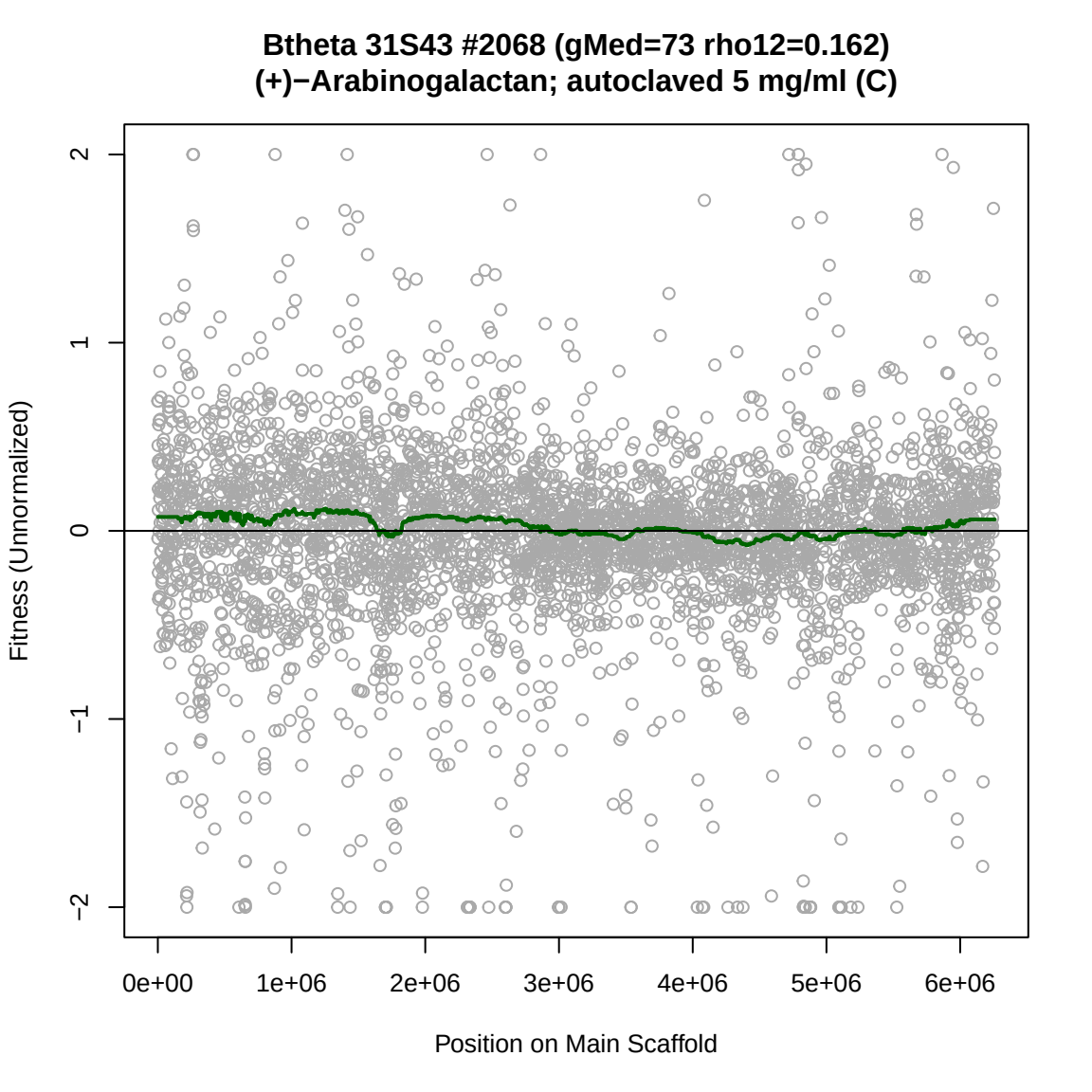

Btheta 31S38 #2063 (gMed=95 rho12=0.200)
Galactan from Potato; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

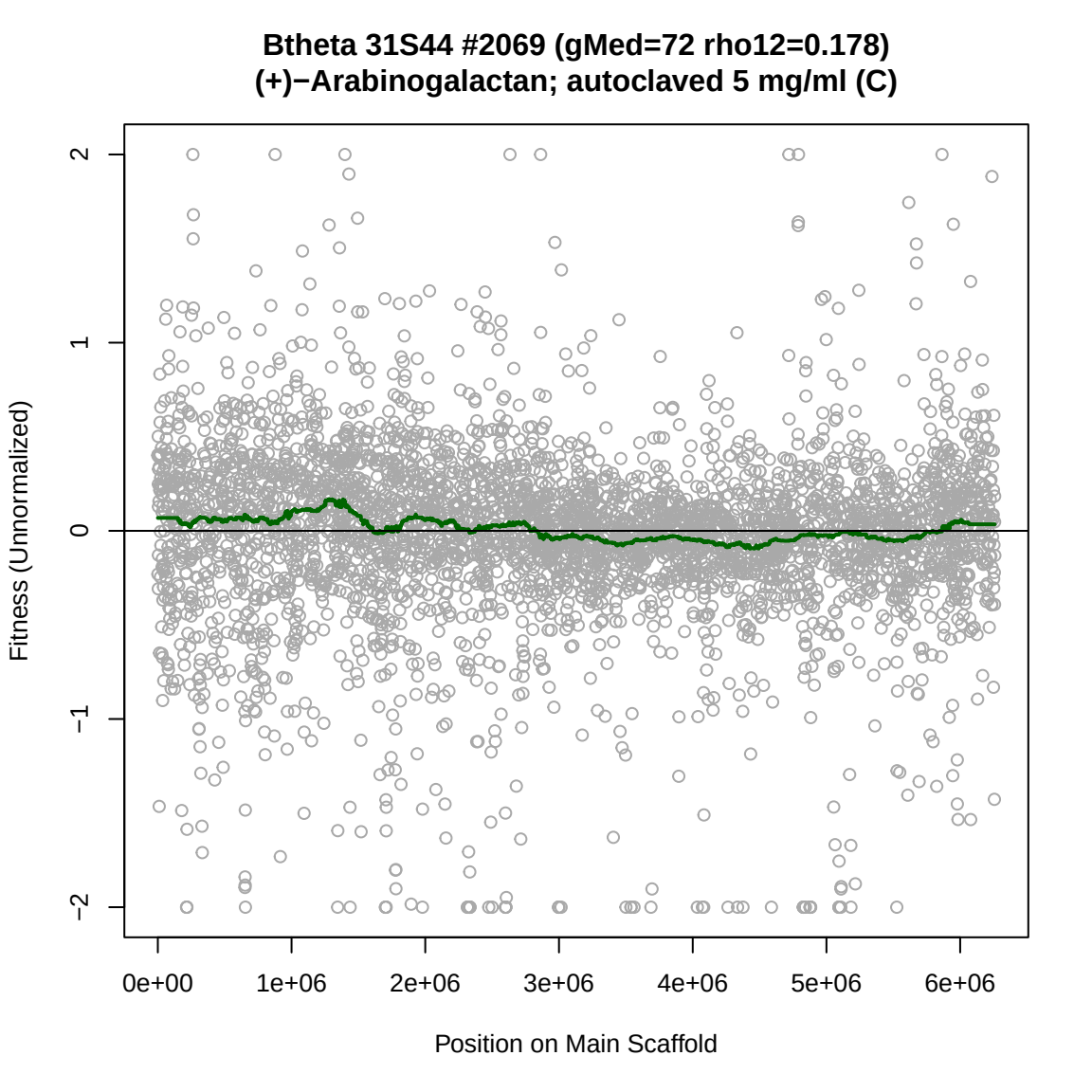

Btheta 31S39 #2064 (gMed=86 rho12=0.112)
Glycogen; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

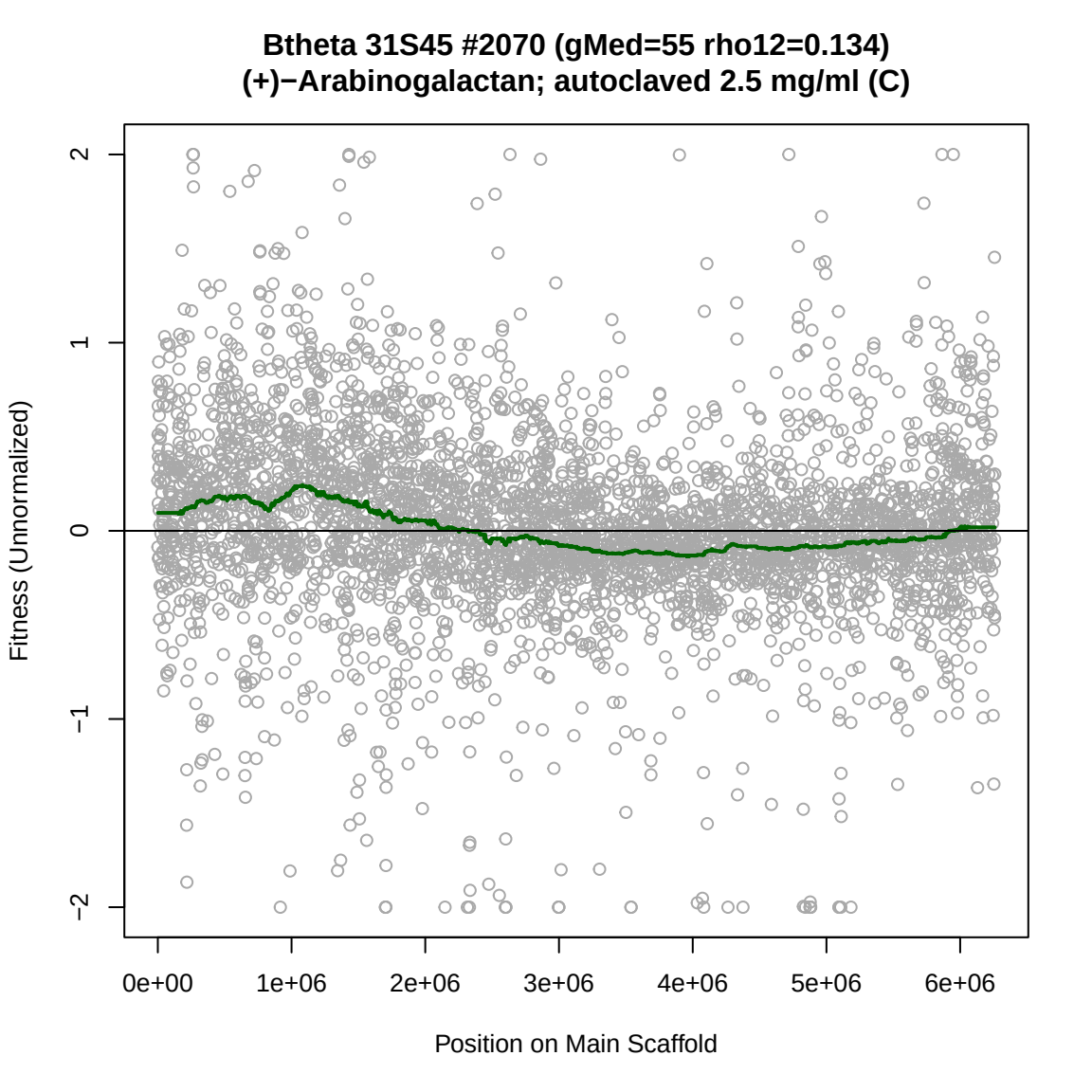

Btheta 31S40 #2065 (gMed=89 rho12=0.171)
Glycogen; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

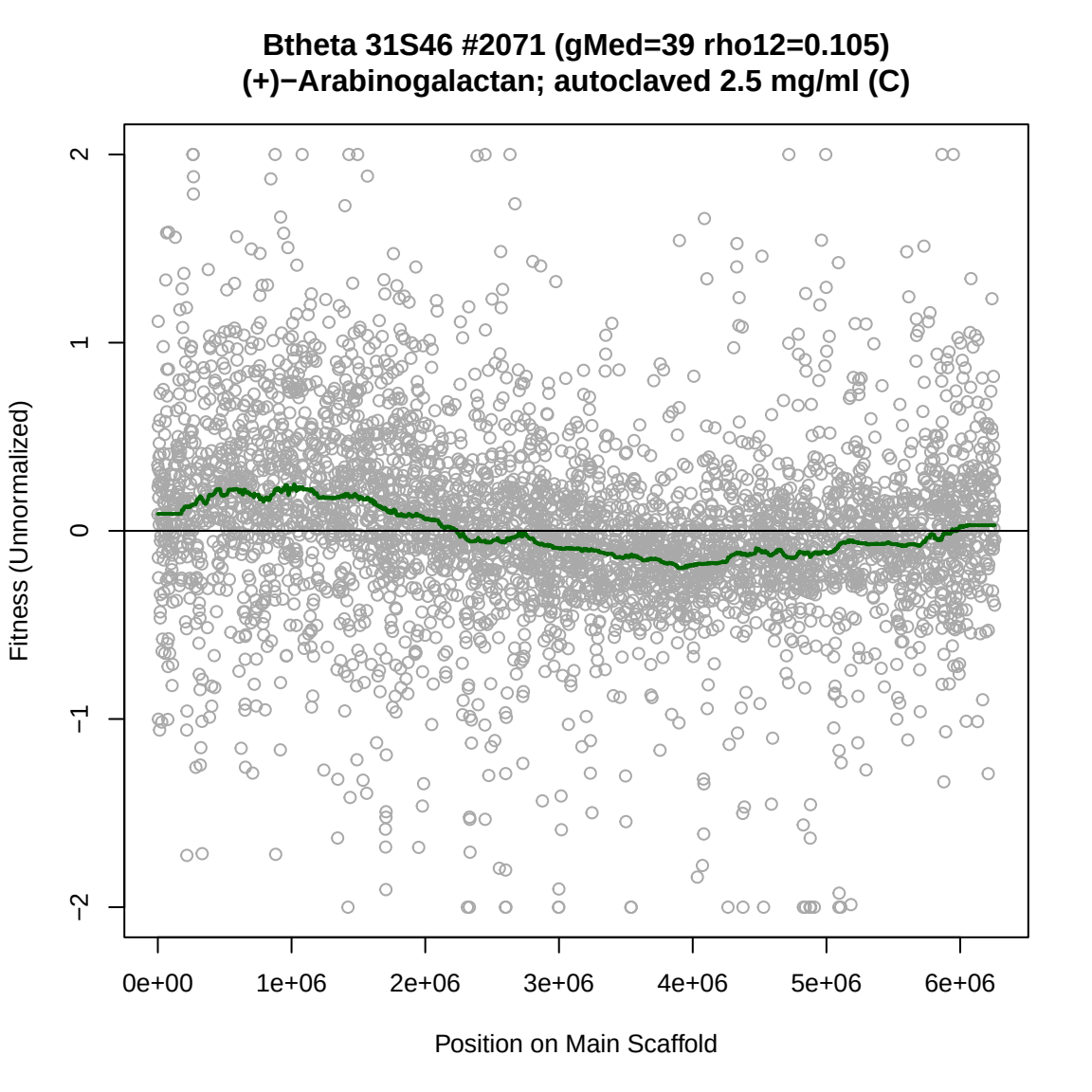

Btheta 31S41 #2066 (gMed=89 rho12=0.155)
Glycogen; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

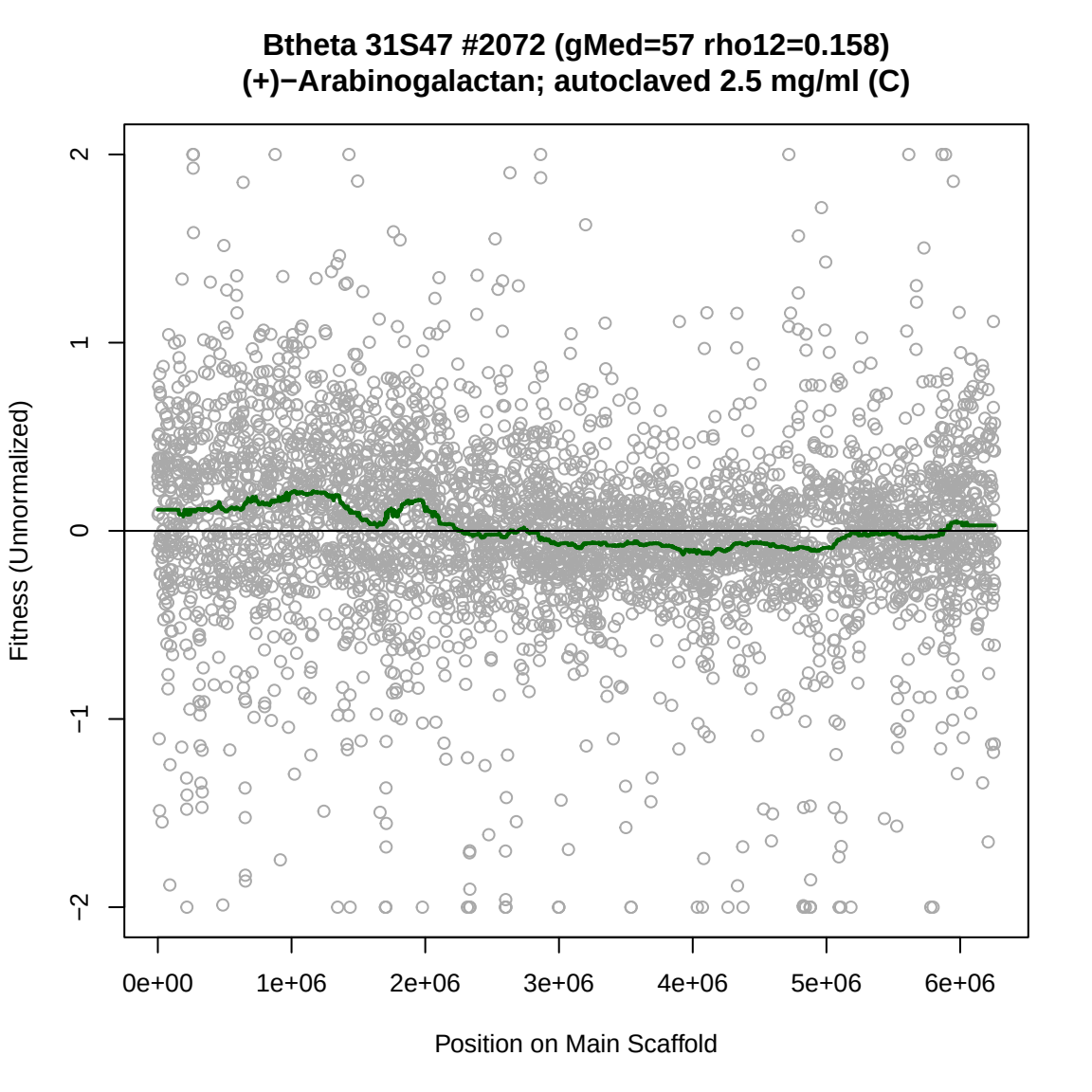

Btheta 31S42 #2067 (gMed=77 rho12=0.117)
Glycogen; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

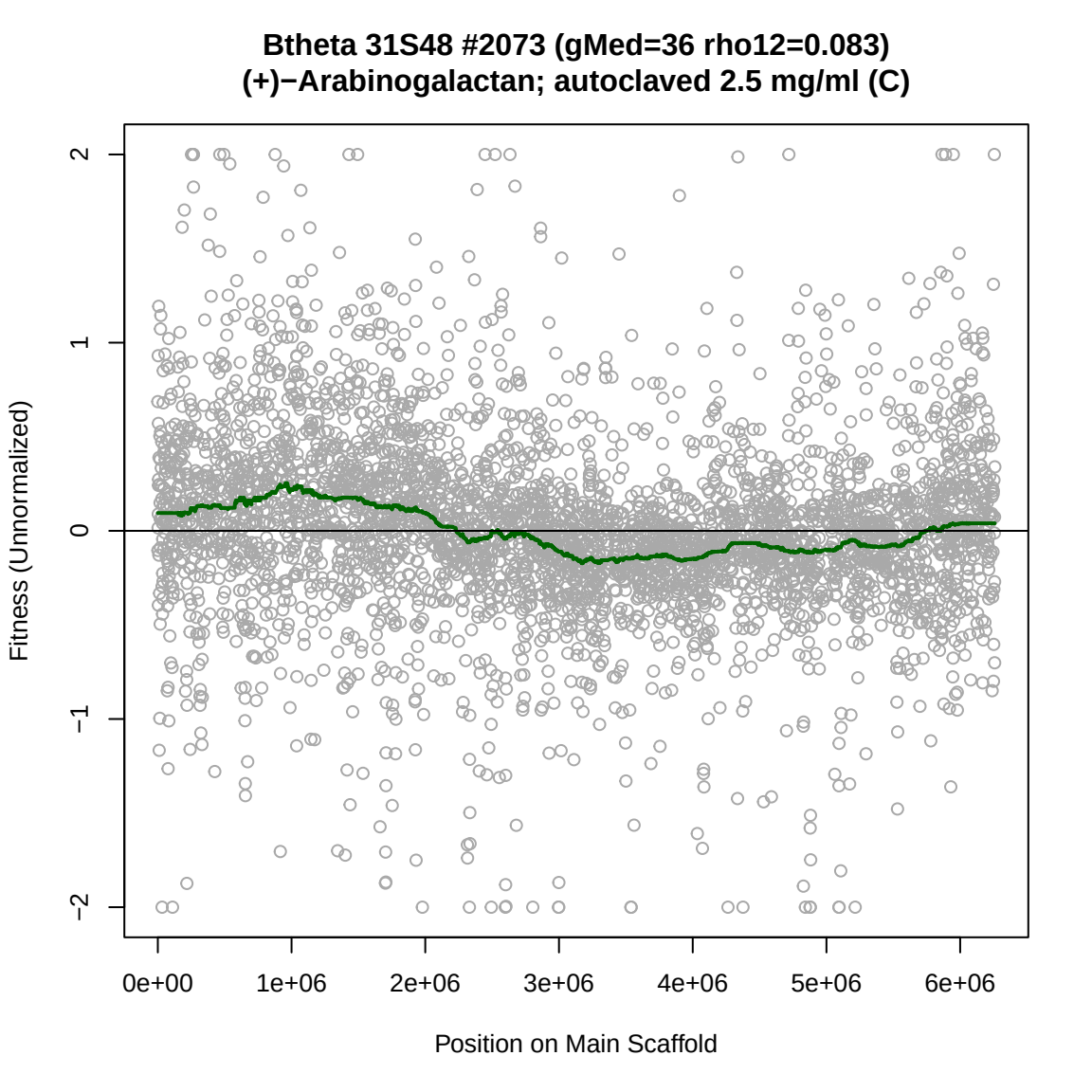

Btheta 31S43 #2068 (gMed=73 rho12=0.162)
(+)−Arabinogalactan; autoclaved 5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

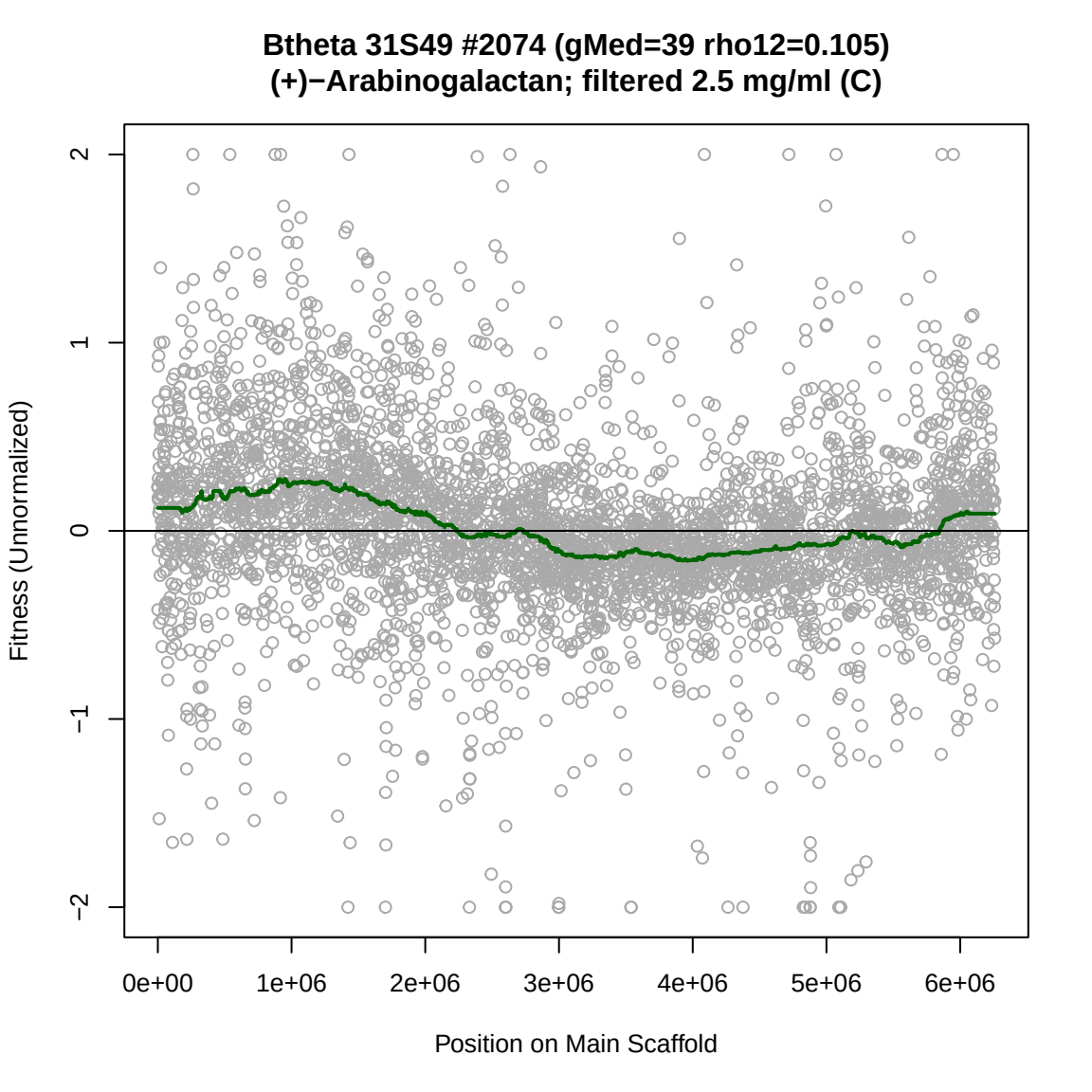

Btheta 31S44 #2069 (gMed=72 rho12=0.178)
(+)−Arabinogalactan; autoclaved 5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

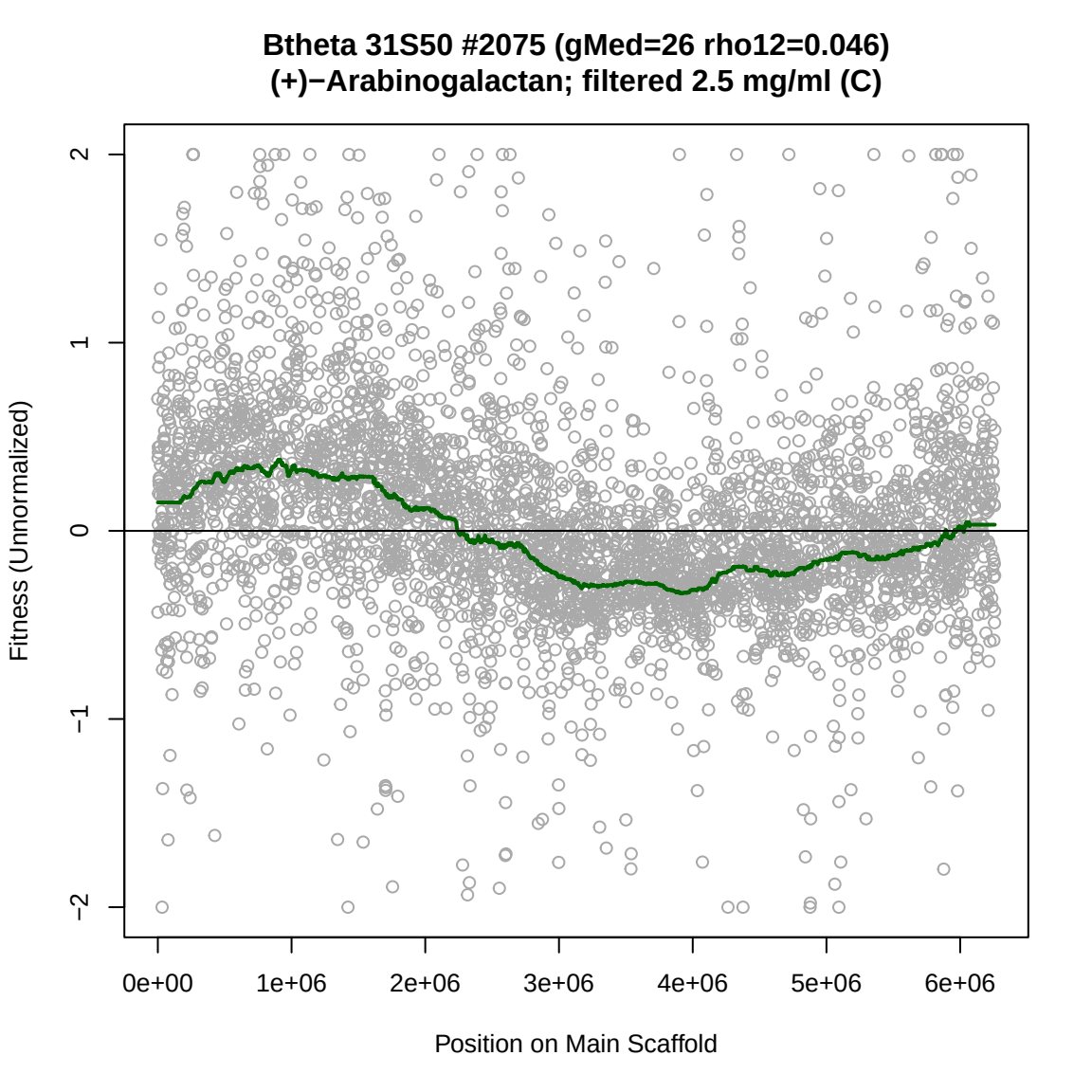

Btheta 31S45 #2070 (gMed=55 rho12=0.134)
(+)−Arabinogalactan; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

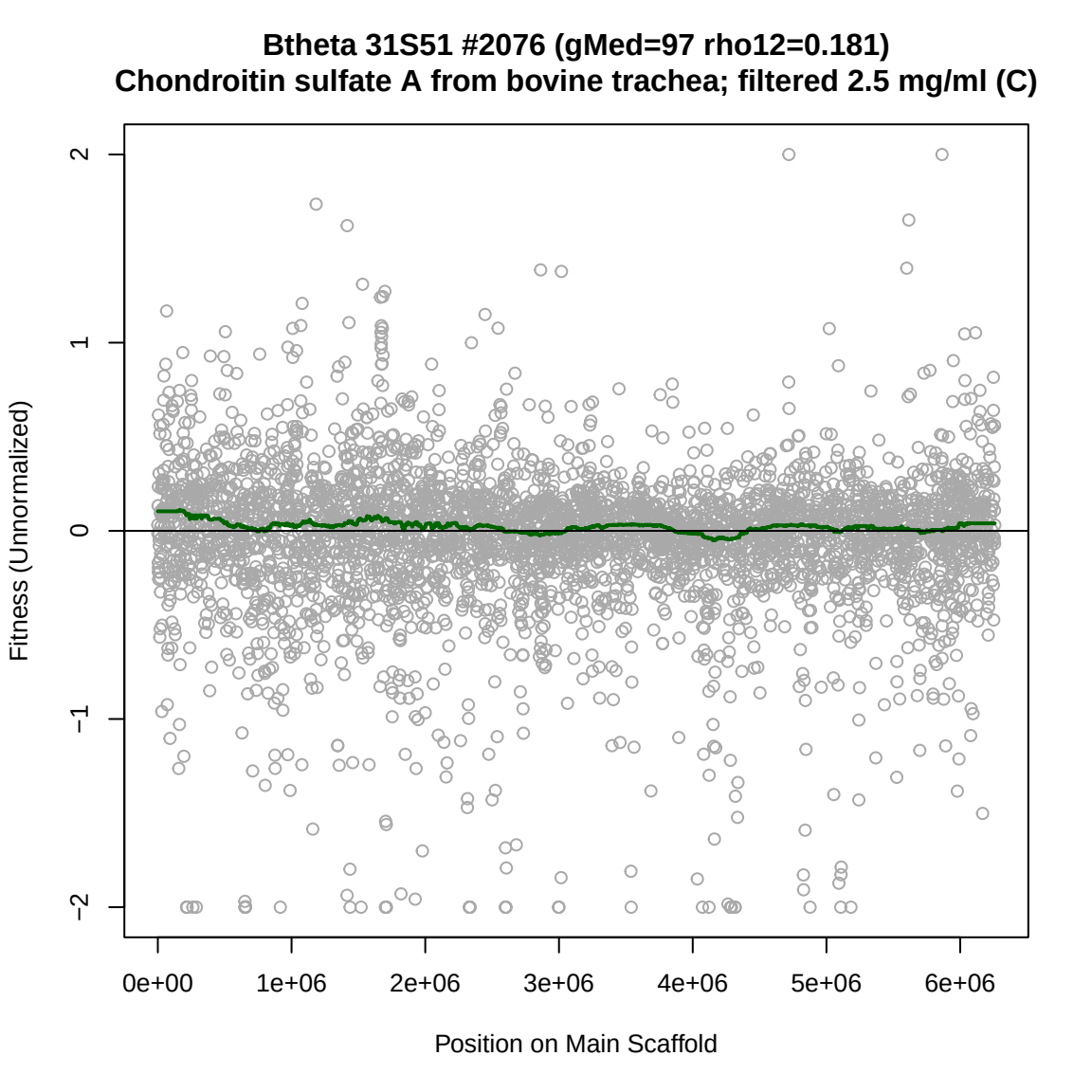

Btheta 31S46 #2071 (gMed=39 rho12=0.105)
(+)−Arabinogalactan; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

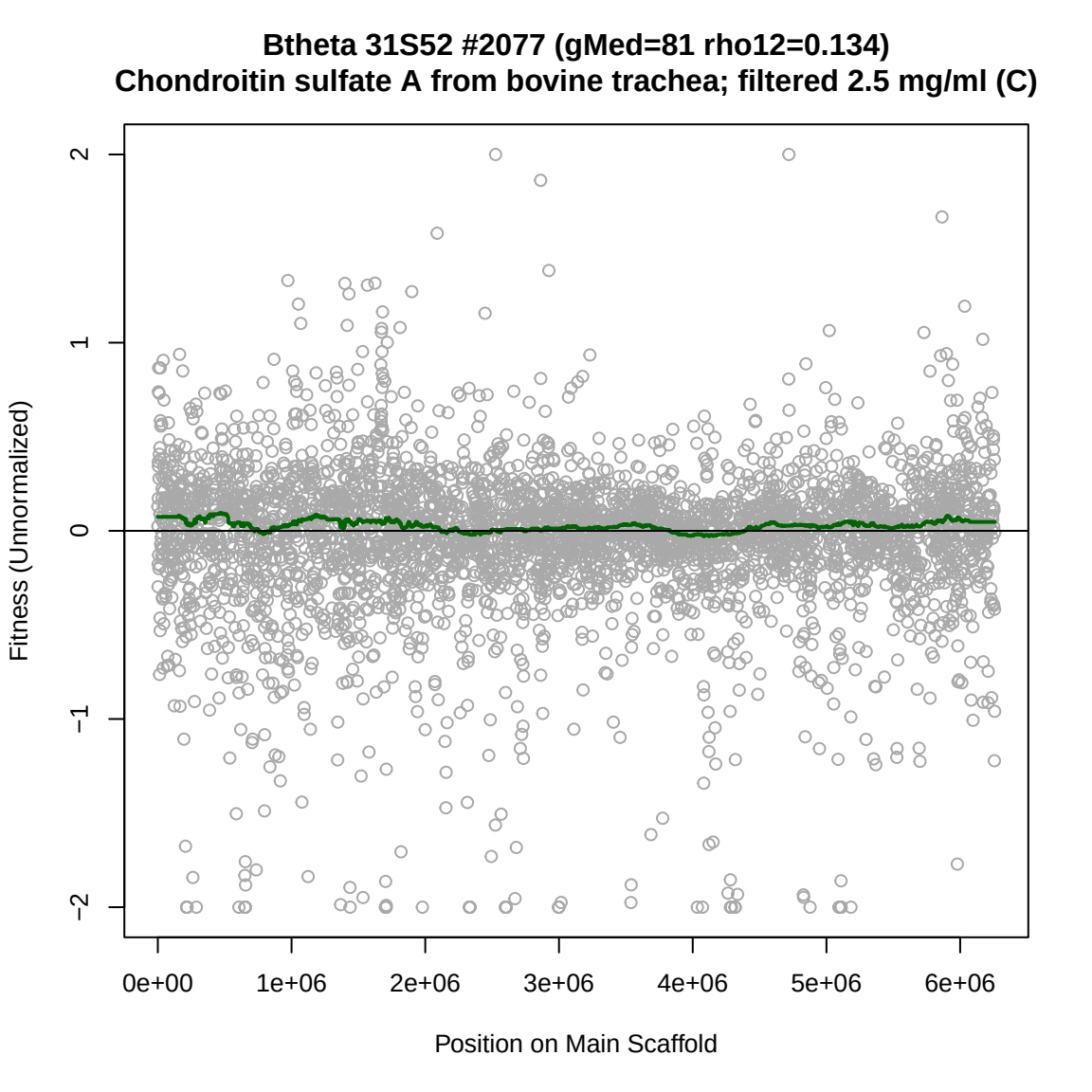

Btheta 31S47 #2072 (gMed=57 rho12=0.158)
(+)−Arabinogalactan; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

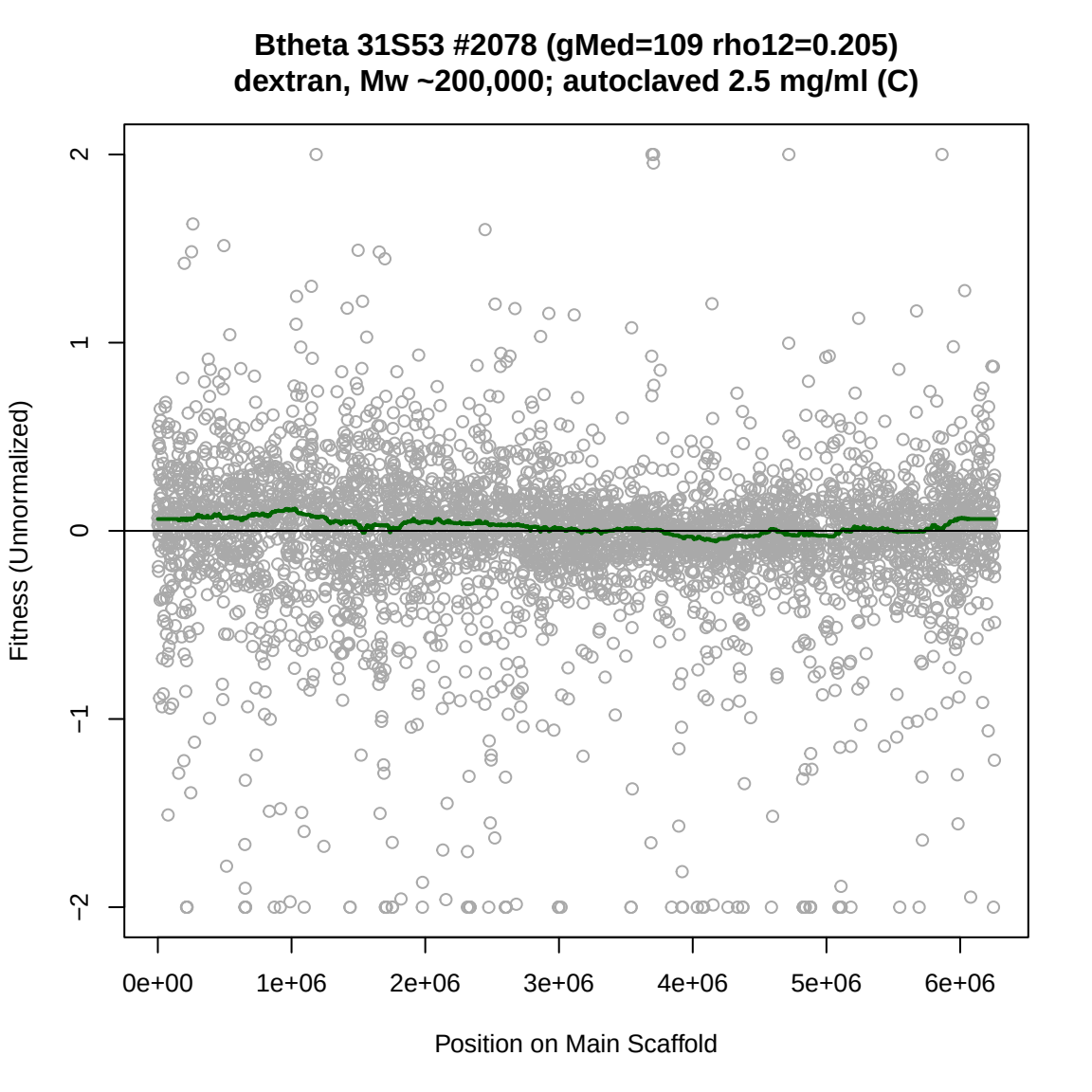

Btheta 31S48 #2073 (gMed=36 rho12=0.083)
(+)−Arabinogalactan; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

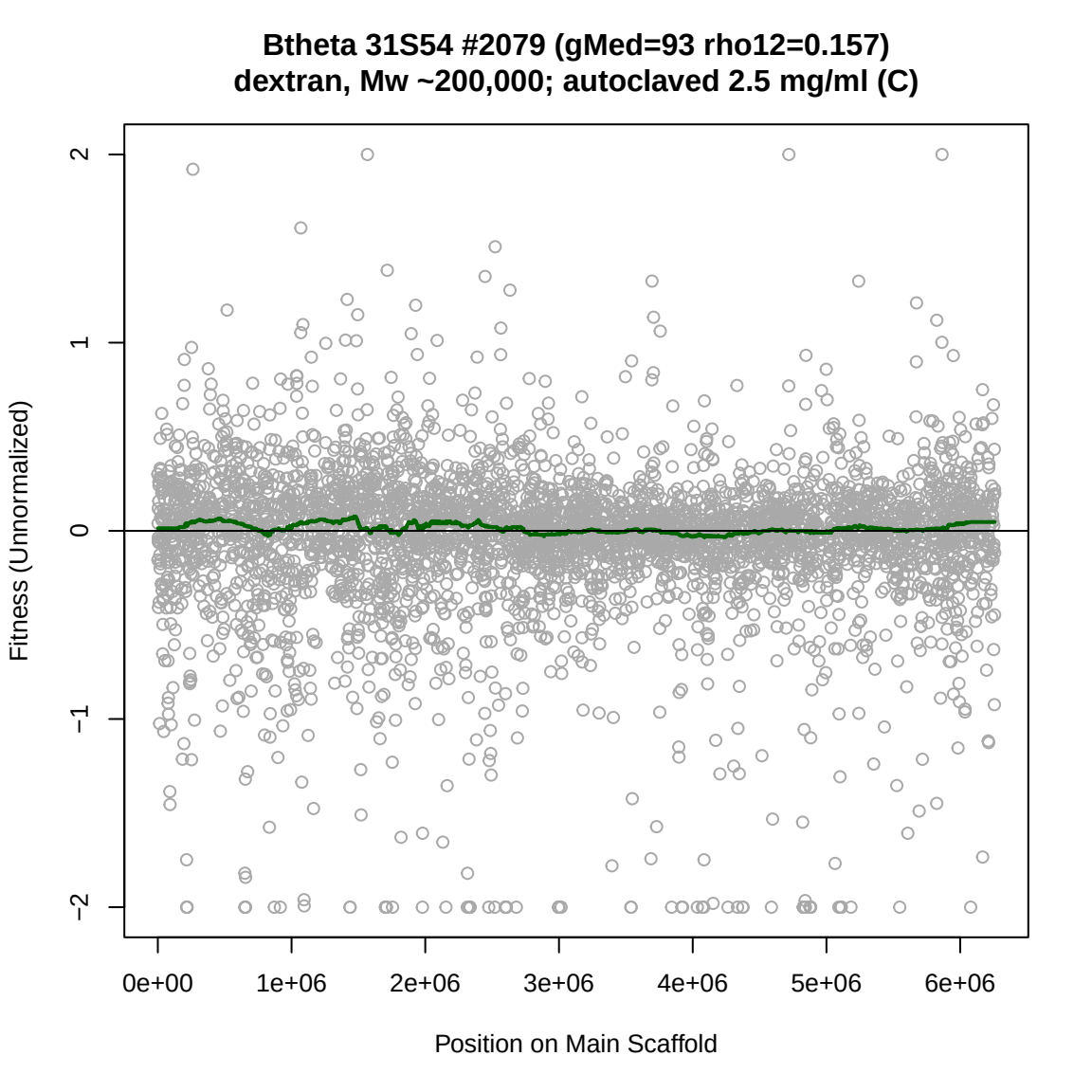

Btheta 31S49 #2074 (gMed=39 rho12=0.105)
(+)−Arabinogalactan; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

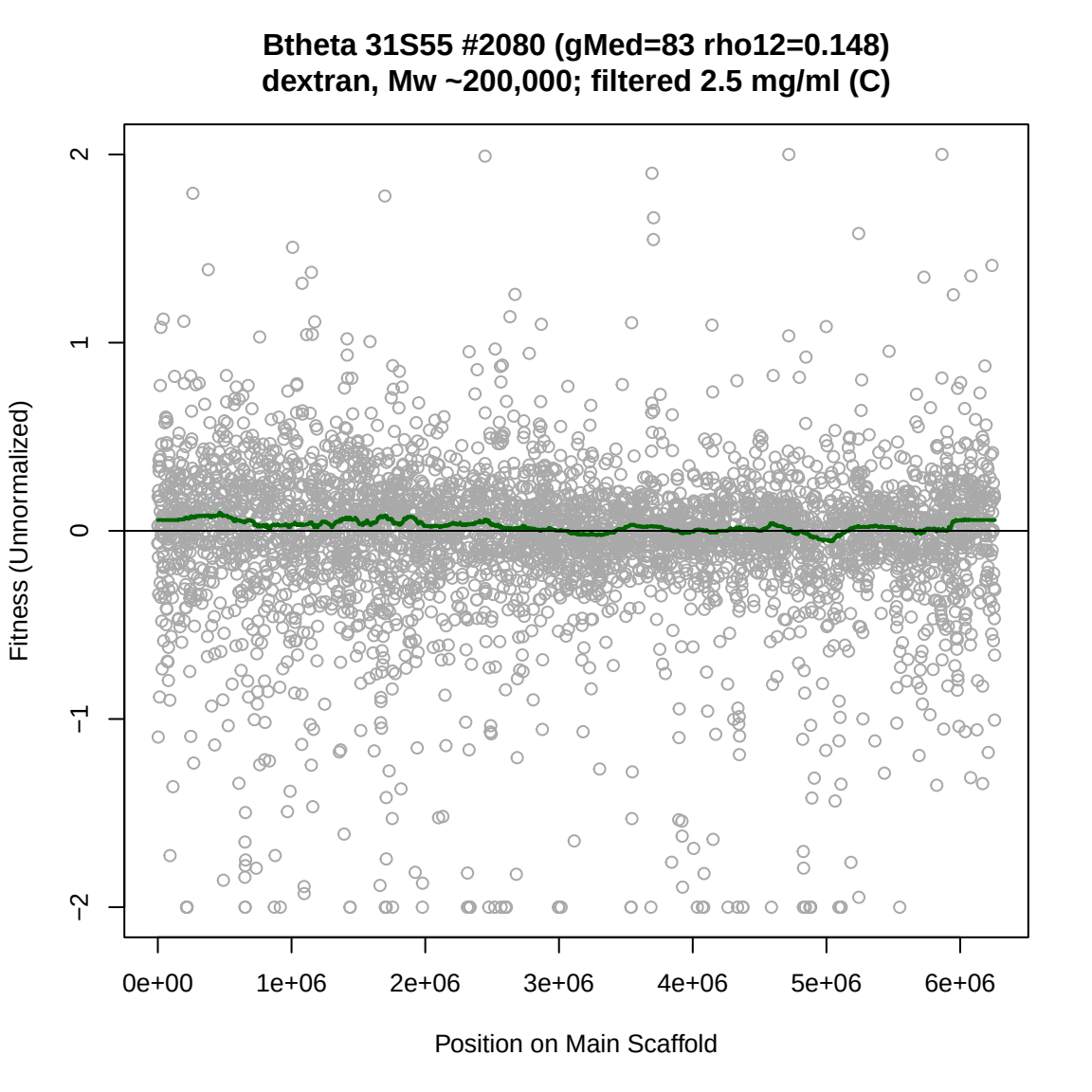

Btheta 31S50 #2075 (gMed=26 rho12=0.046)
(+)−Arabinogalactan; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

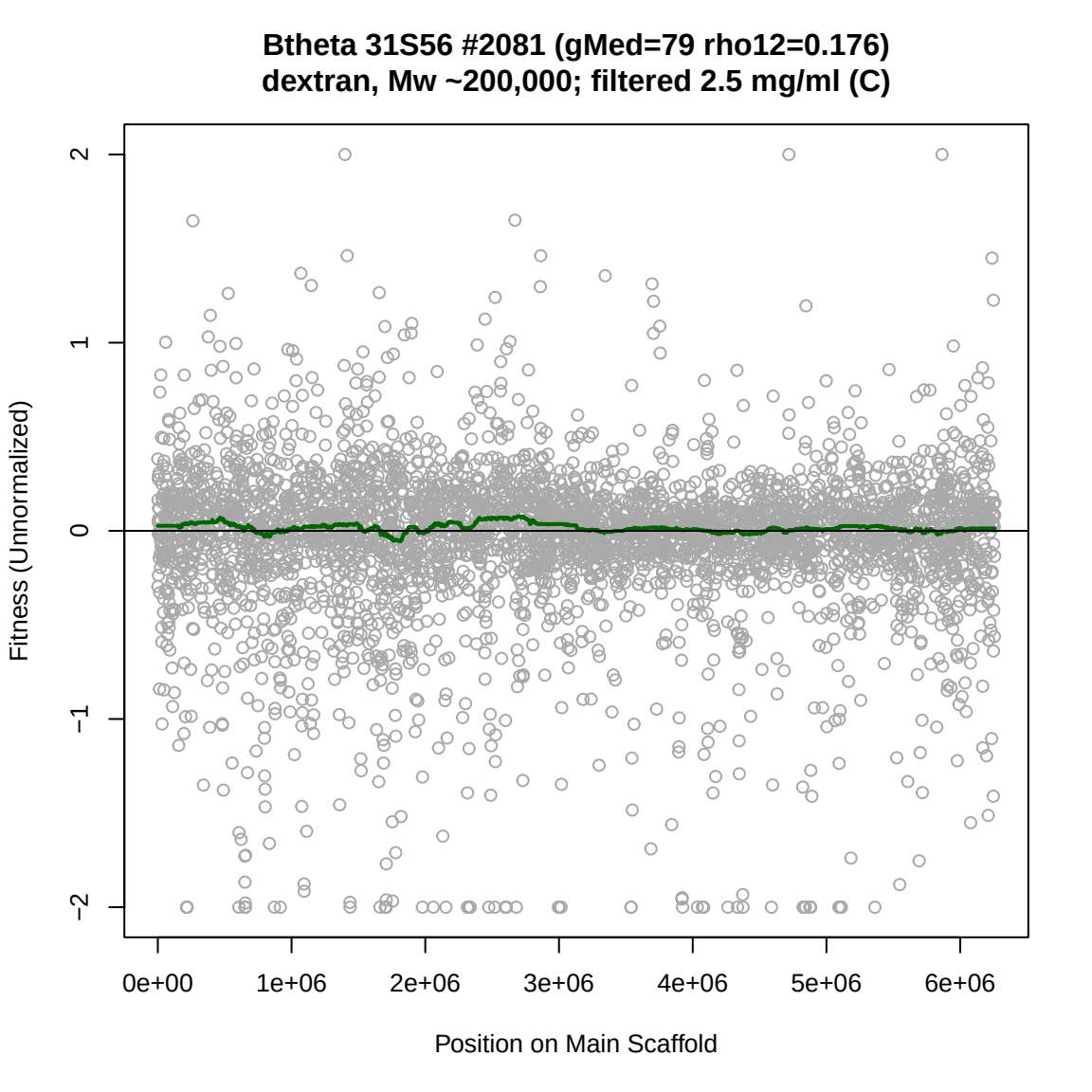

Btheta 31S51 #2076 (gMed=97 rho12=0.181)
Chondroitin sulfate A from bovine trachea; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

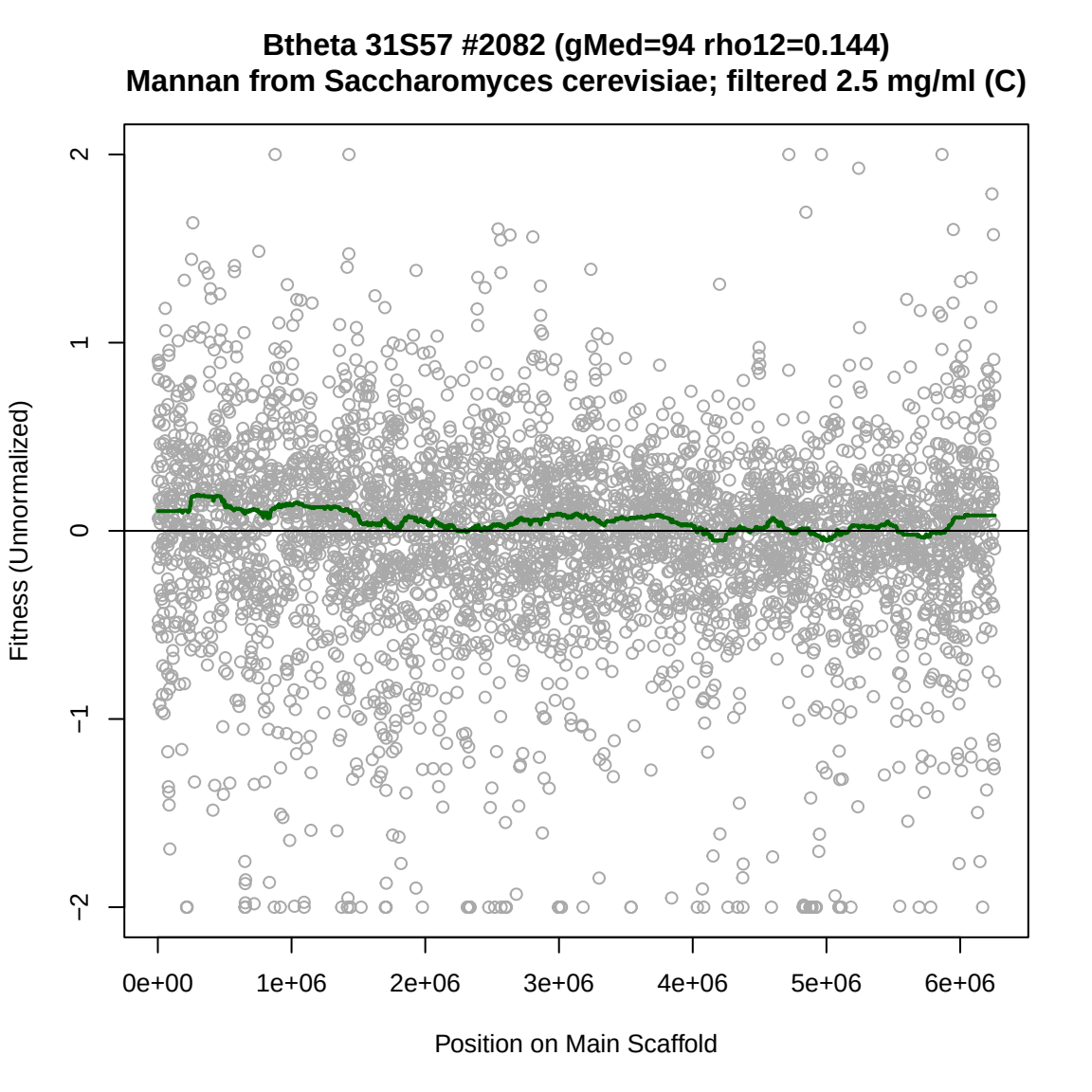

Btheta 31S52 #2077 (gMed=81 rho12=0.134)
Chondroitin sulfate A from bovine trachea; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

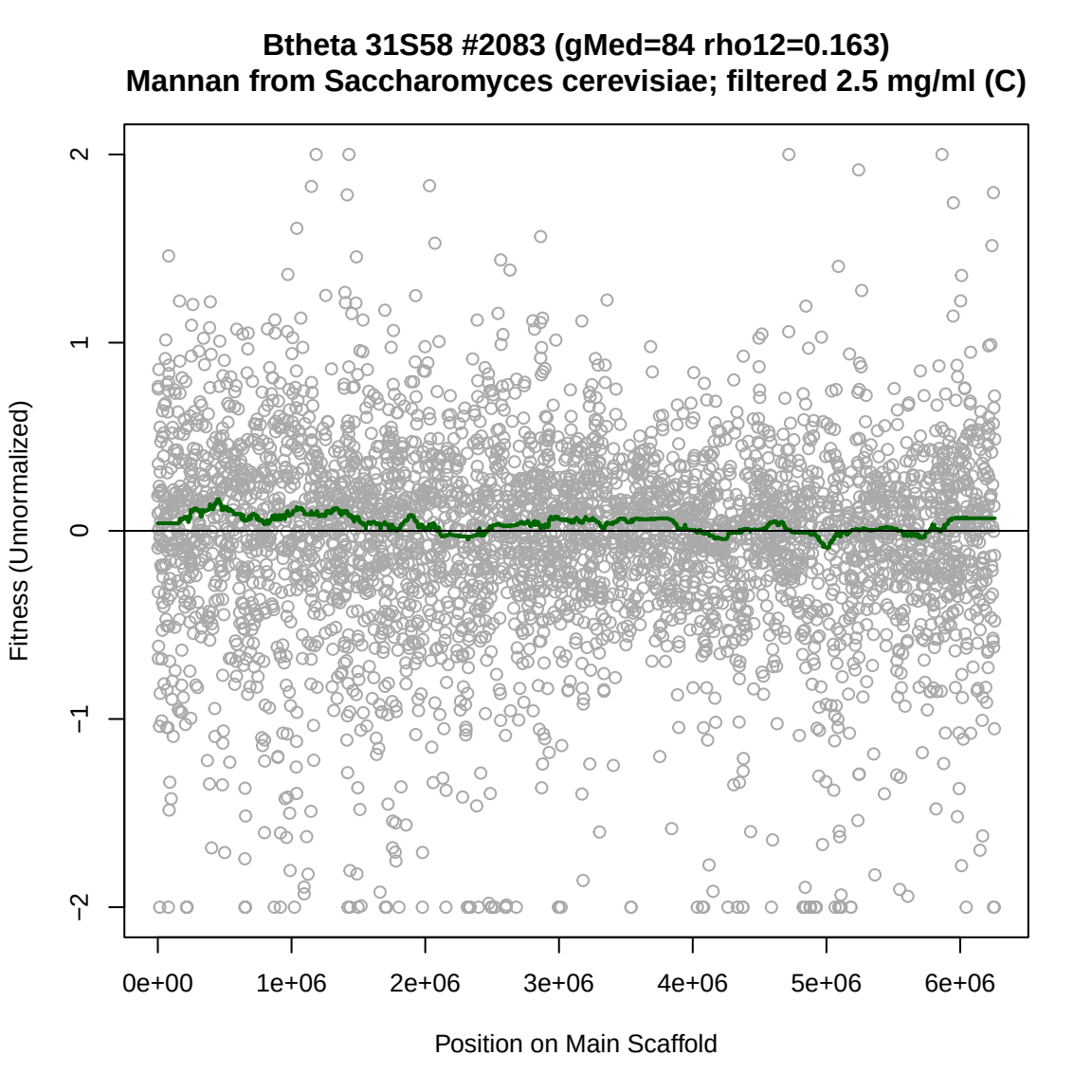

Btheta 31S53 #2078 (gMed=109 rho12=0.205)
dextran, Mw ~200,000; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

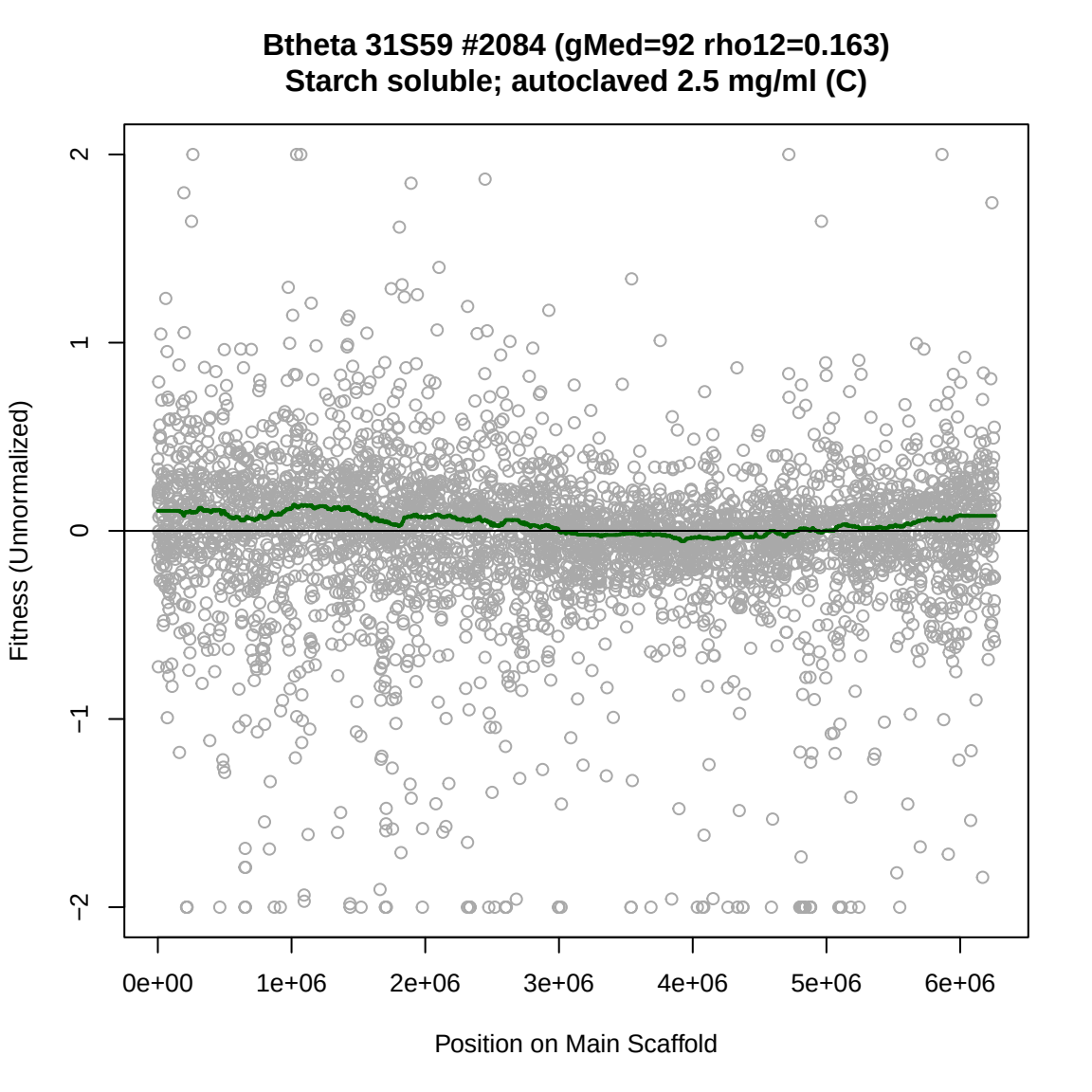

Btheta 31S54 #2079 (gMed=93 rho12=0.157)
dextran, Mw ~200,000; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

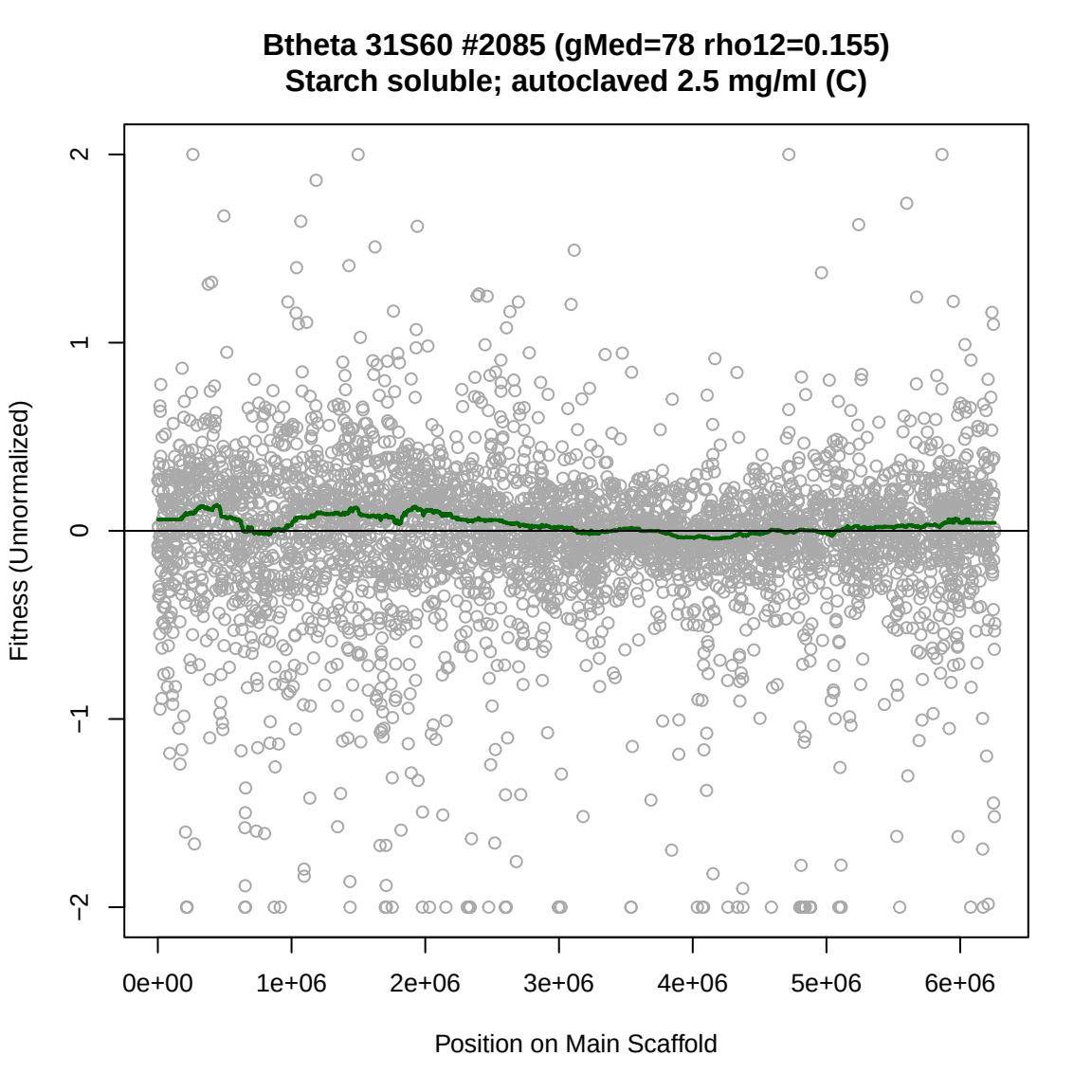

Btheta 31S55 #2080 (gMed=83 rho12=0.148)
dextran, Mw ~200,000; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

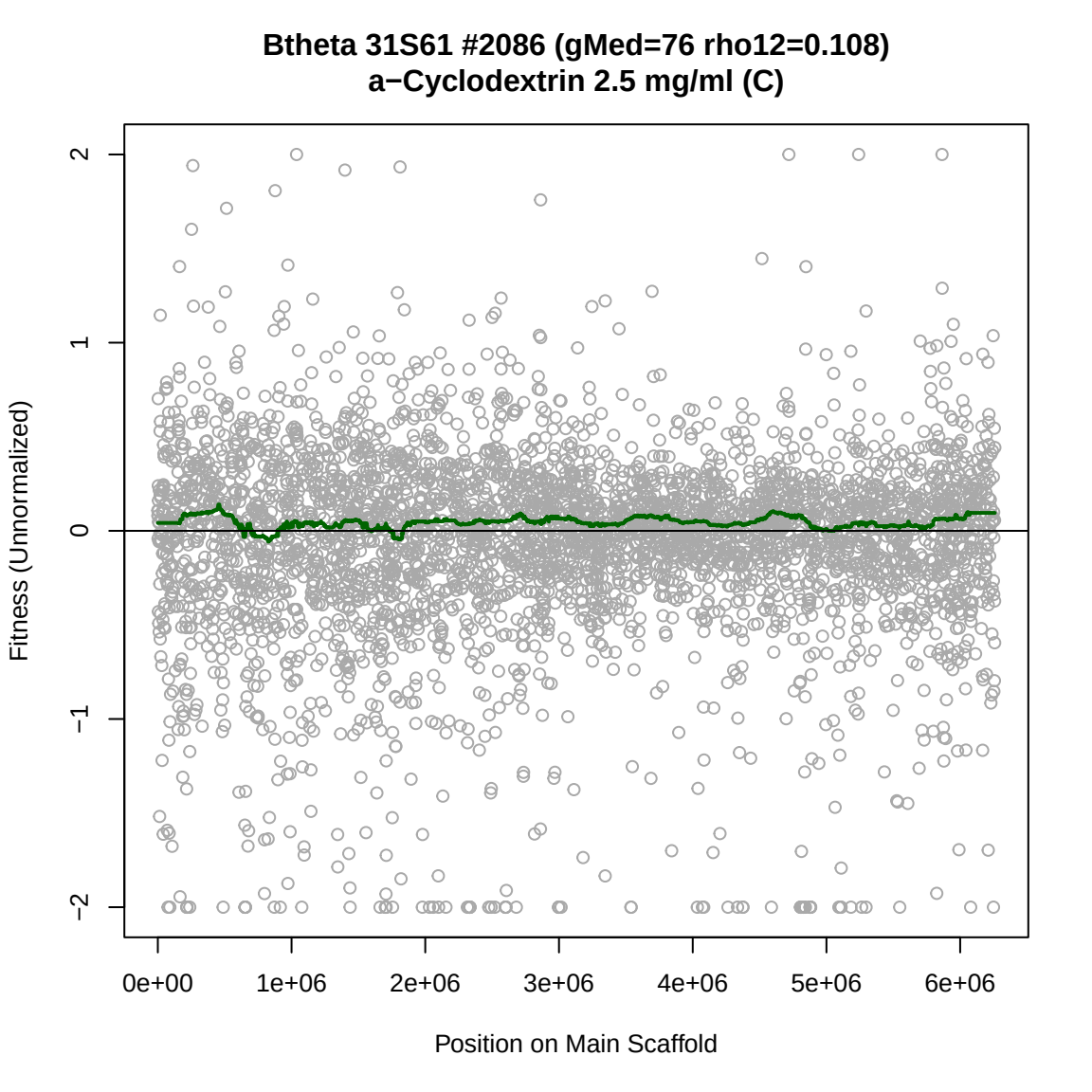

Btheta 31S56 #2081 (gMed=79 rho12=0.176)
dextran, Mw ~200,000; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

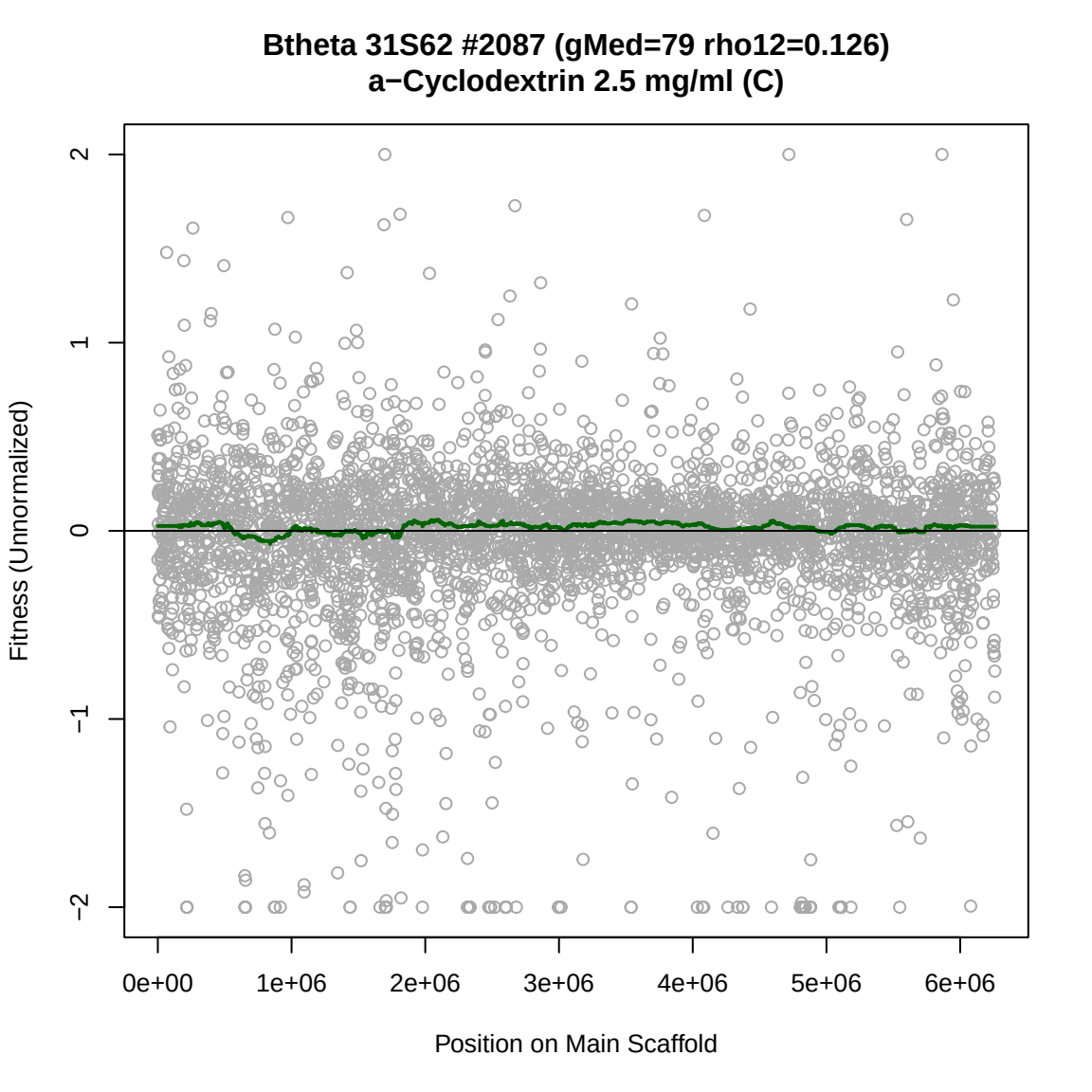

Btheta 31S57 #2082 (gMed=94 rho12=0.144)
Mannan from Saccharomyces cerevisiae; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

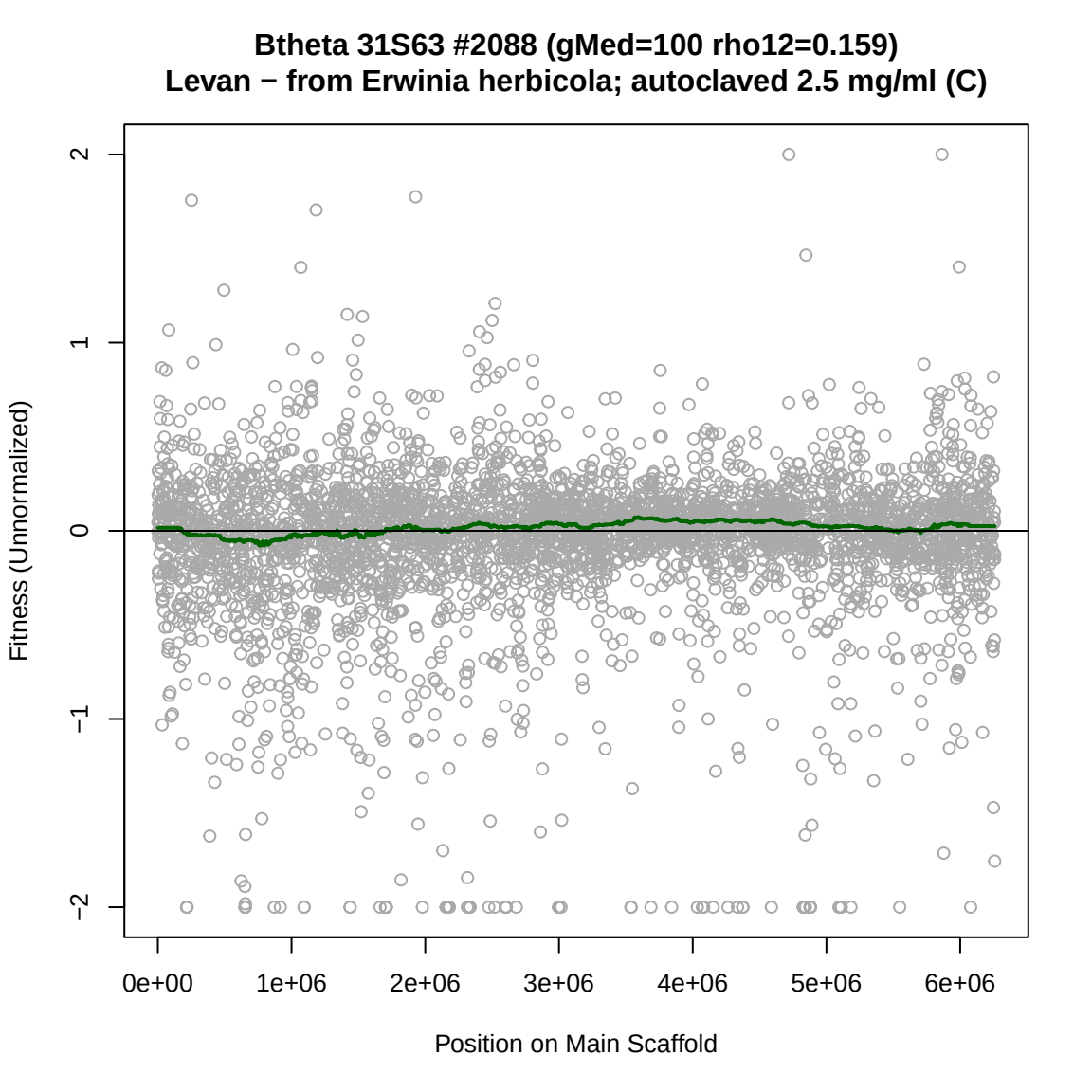

Btheta 31S58 #2083 (gMed=84 rho12=0.163)
Mannan from Saccharomyces cerevisiae; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

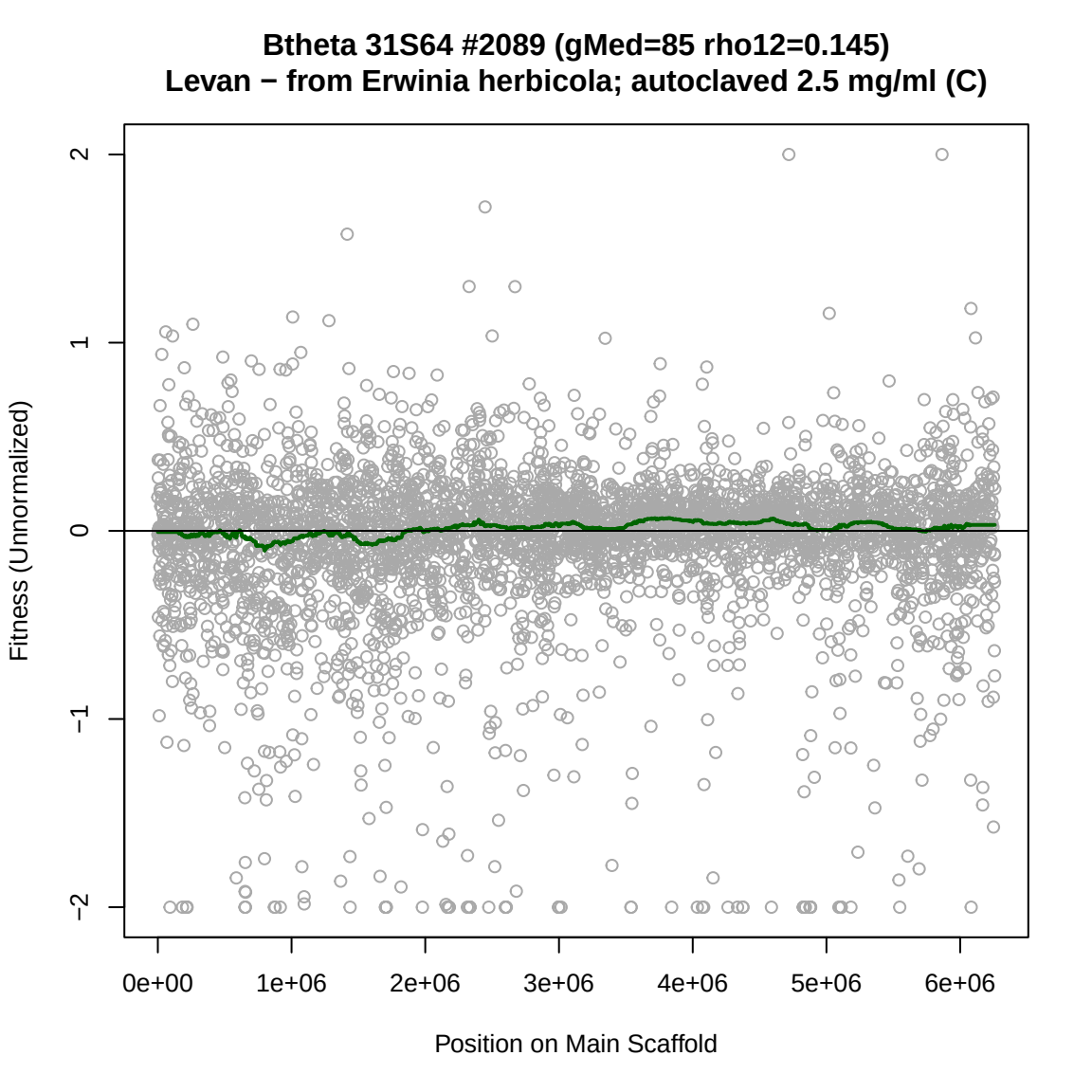

Btheta 31S59 #2084 (gMed=92 rho12=0.163)
Starch soluble; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

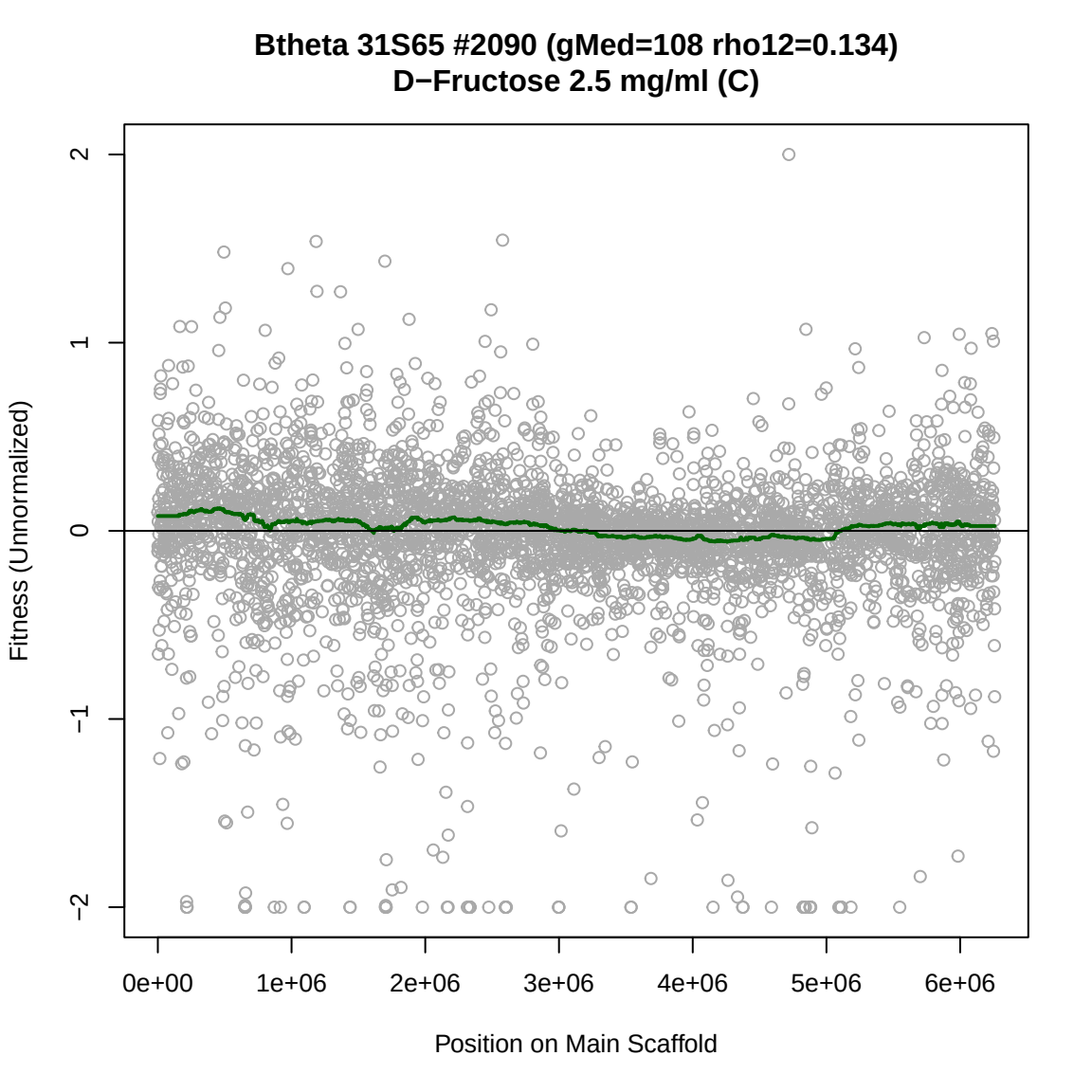

Btheta 31S60 #2085 (gMed=78 rho12=0.155)
Starch soluble; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

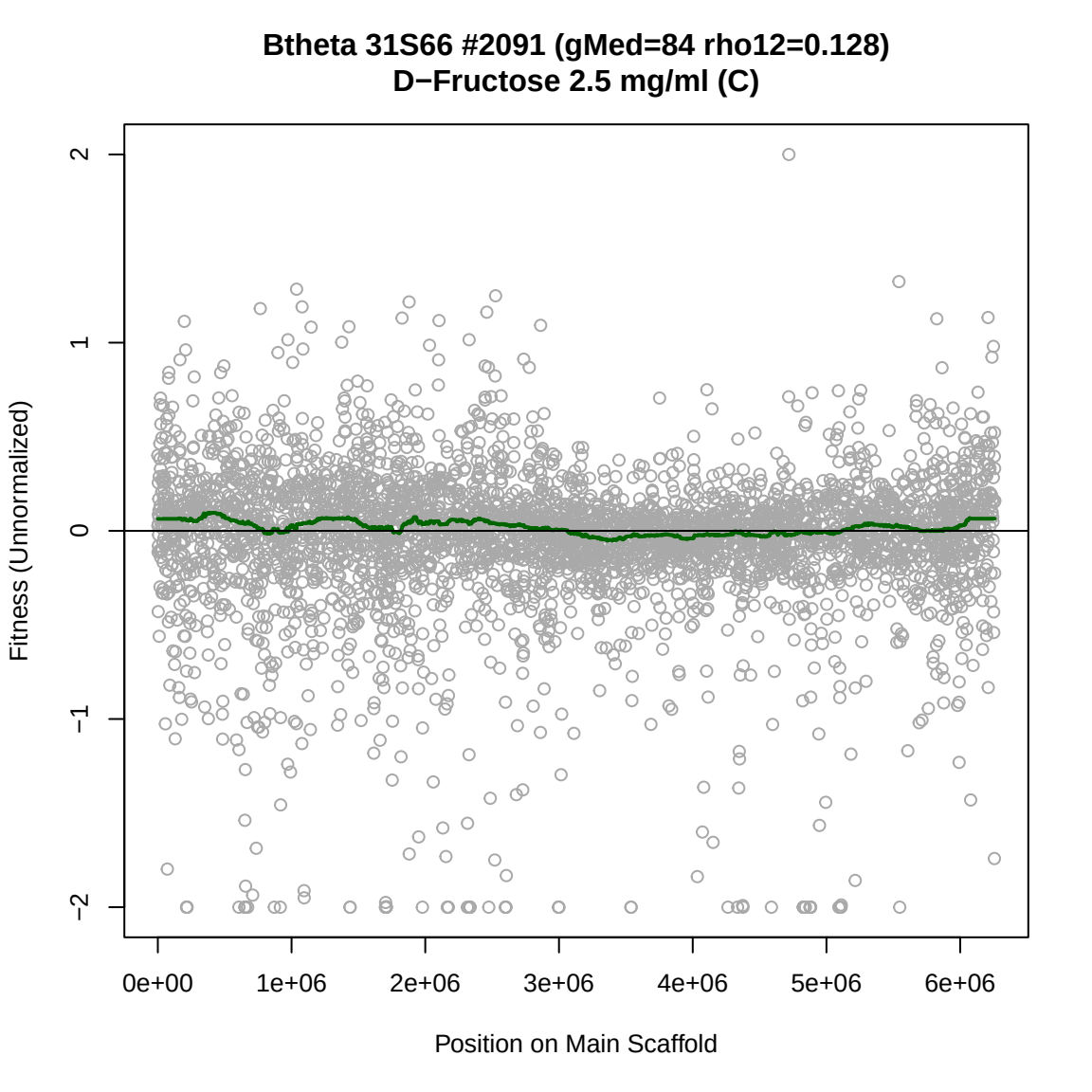

Btheta 31S61 #2086 (gMed=76 rho12=0.108)
a−Cyclodextrin 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

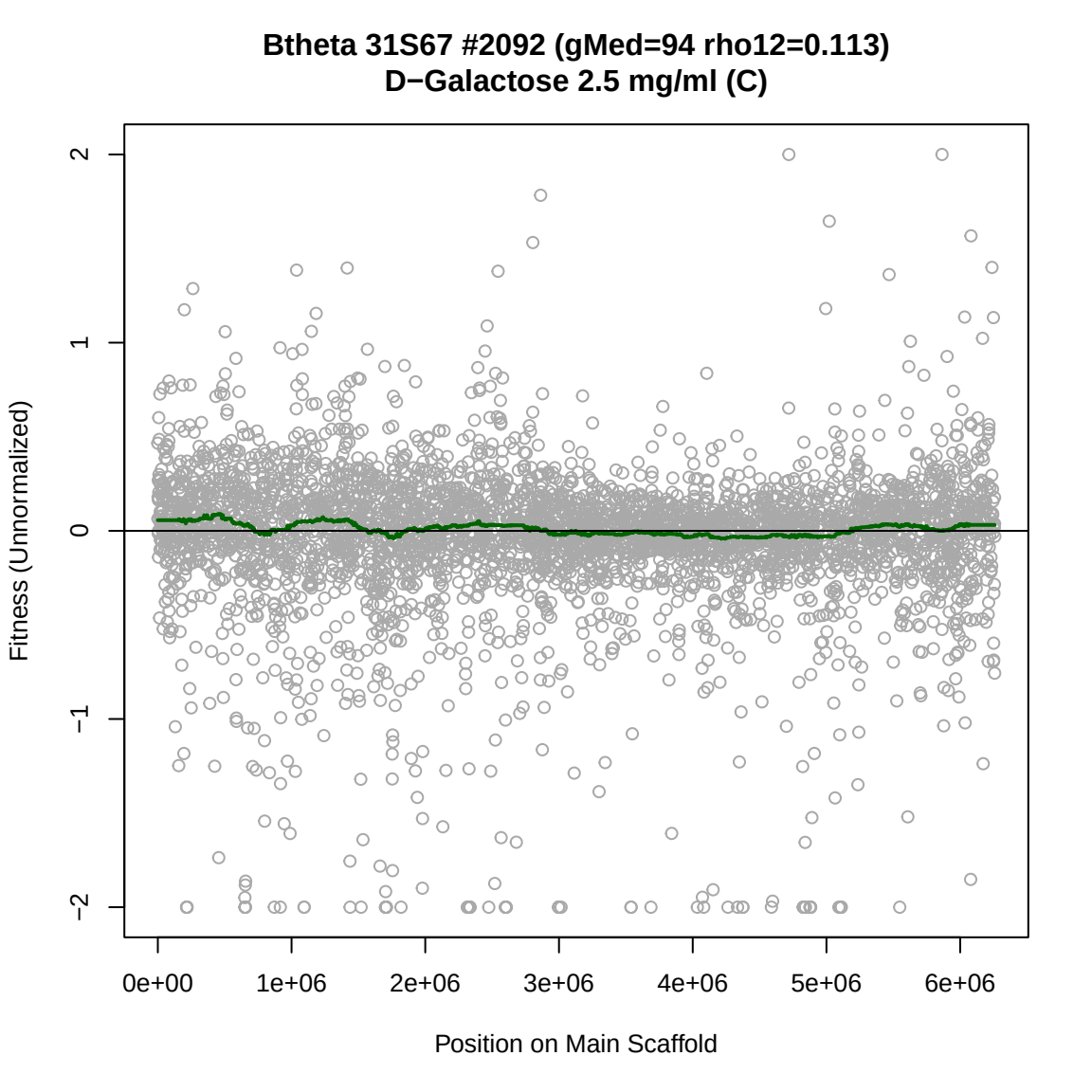

Btheta 31S62 #2087 (gMed=79 rho12=0.126)
a−Cyclodextrin 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

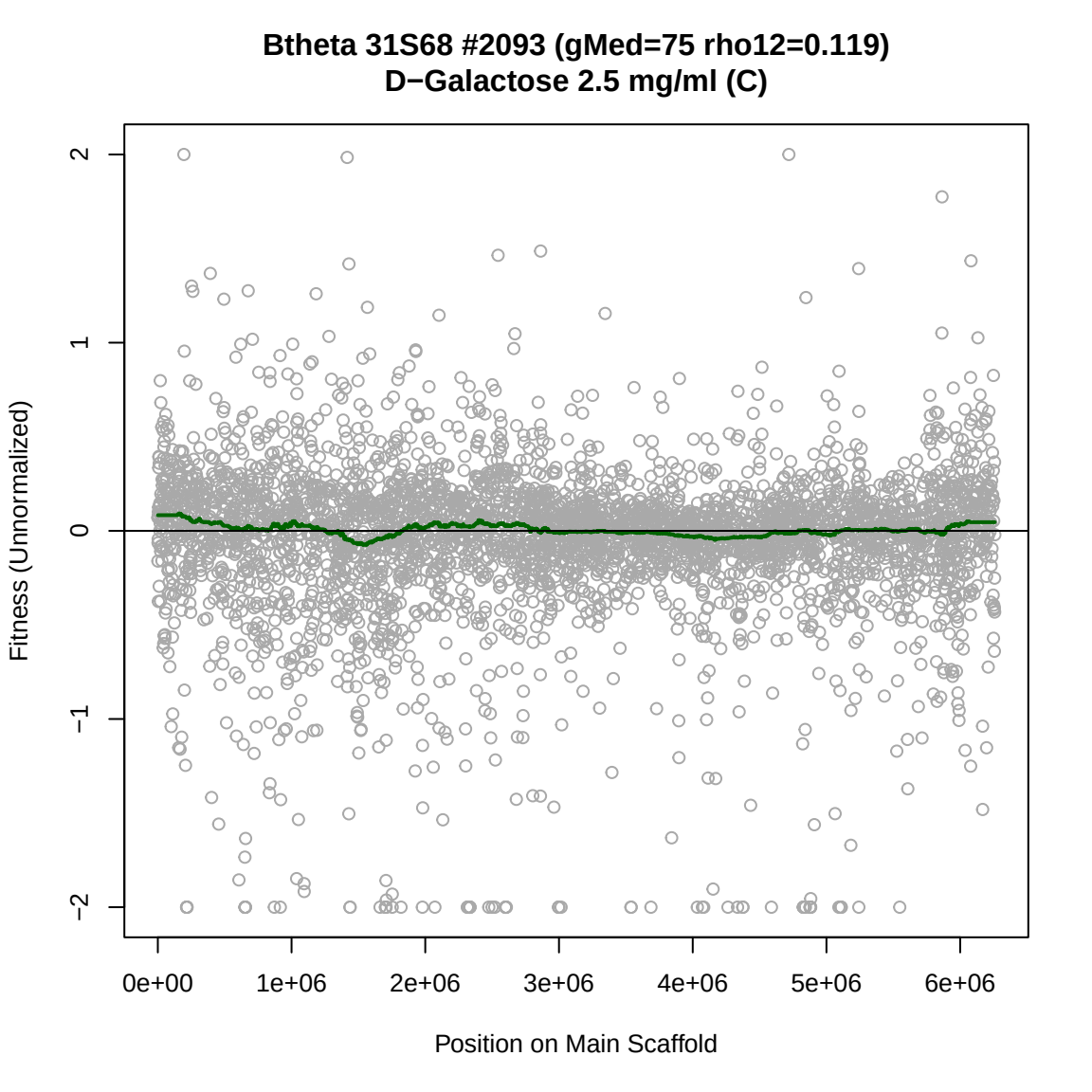

Btheta 31S63 #2088 (gMed=100 rho12=0.159)
Levan − from Erwinia herbicola; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

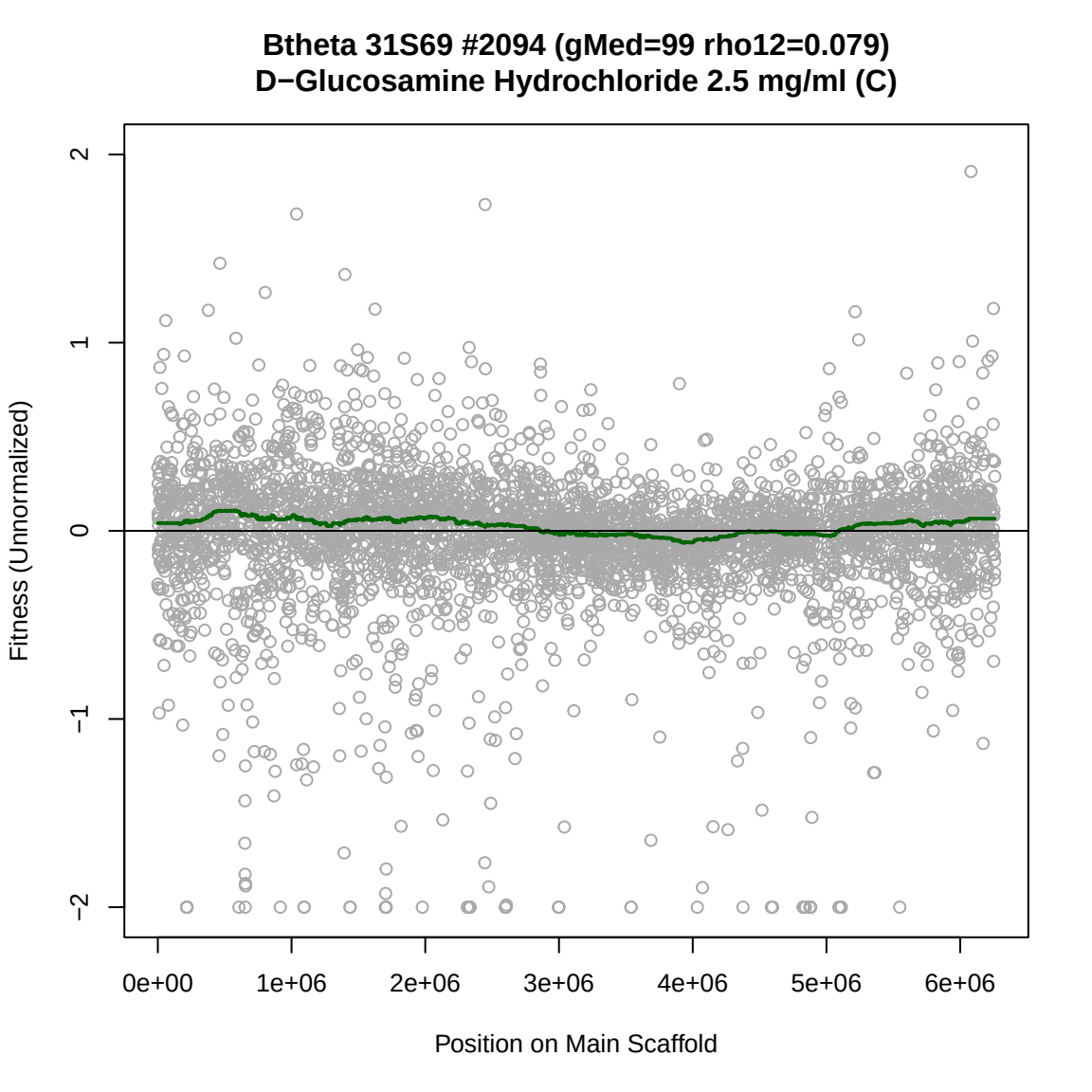

Btheta 31S64 #2089 (gMed=85 rho12=0.145)
Levan − from Erwinia herbicola; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

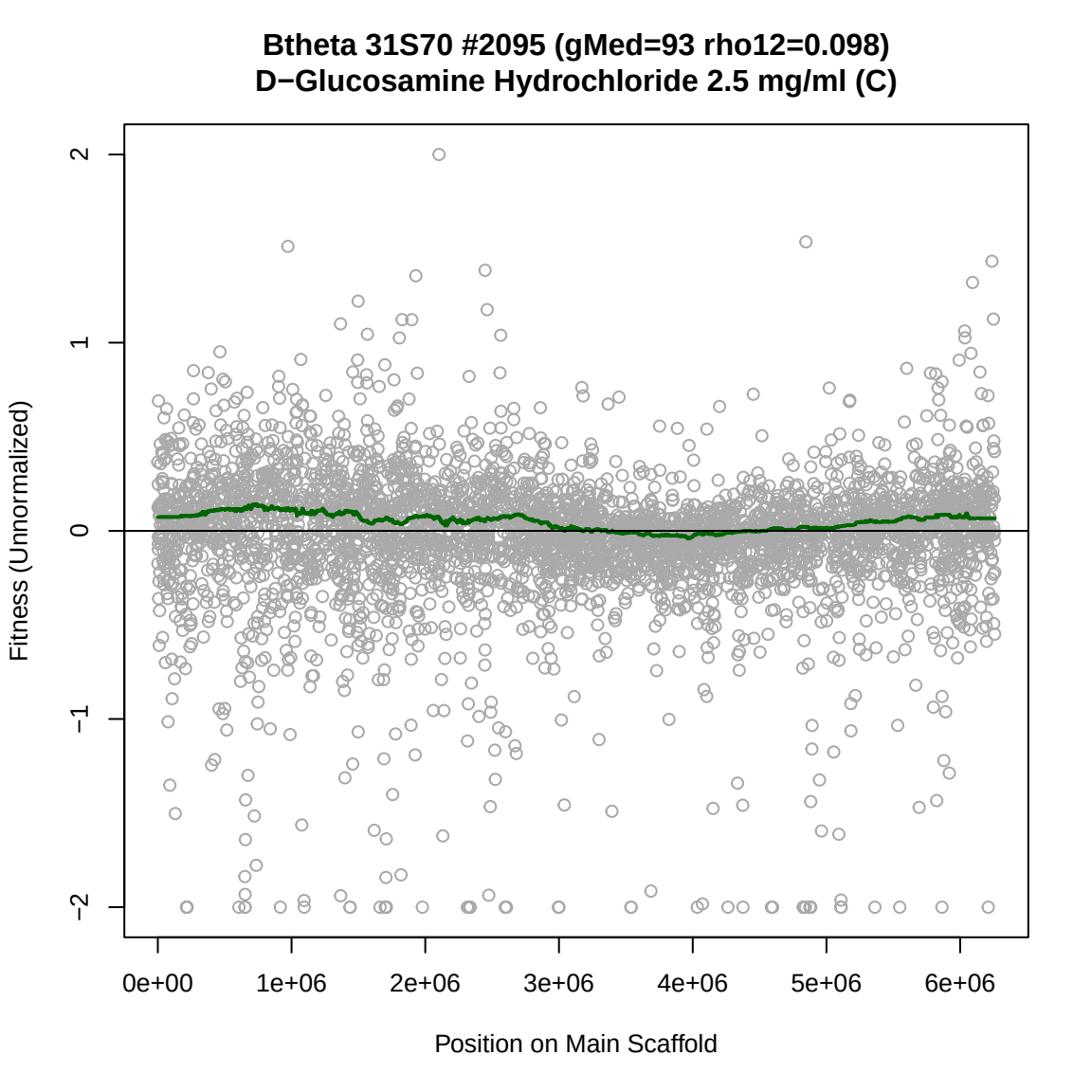

Btheta 31S65 #2090 (gMed=108 rho12=0.134)
D−Fructose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

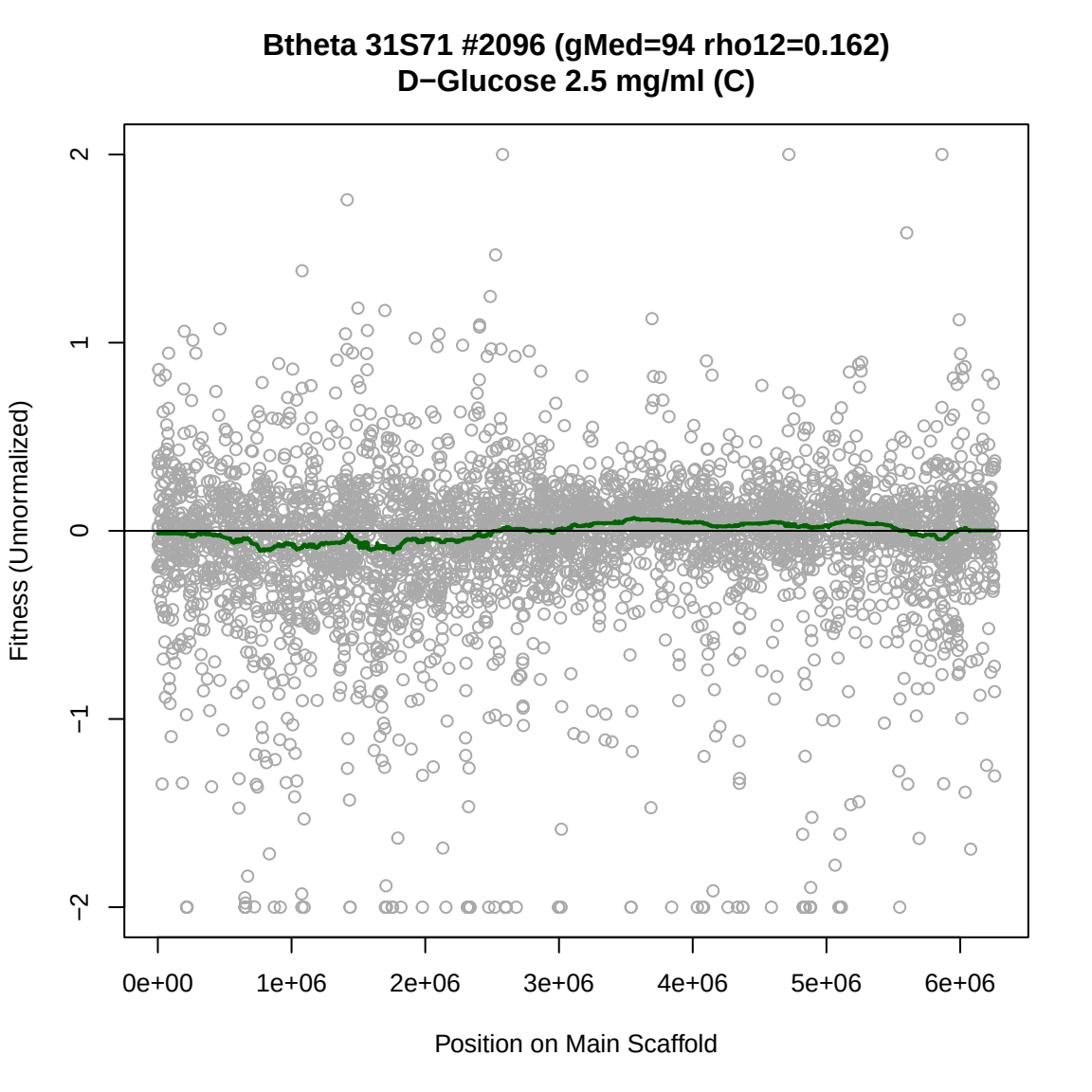

Btheta 31S66 #2091 (gMed=84 rho12=0.128)
D−Fructose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

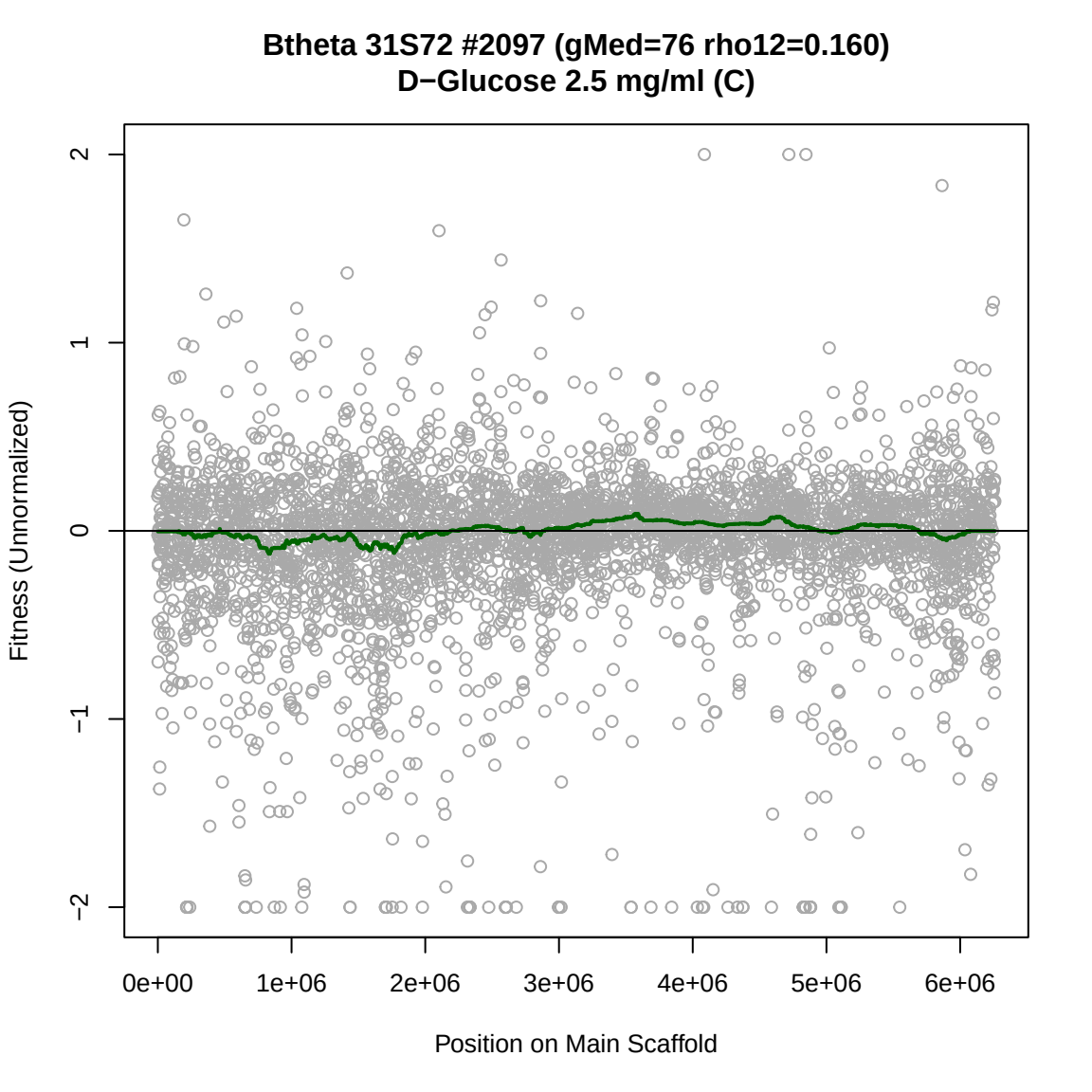

Btheta 31S67 #2092 (gMed=94 rho12=0.113)
D−Galactose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

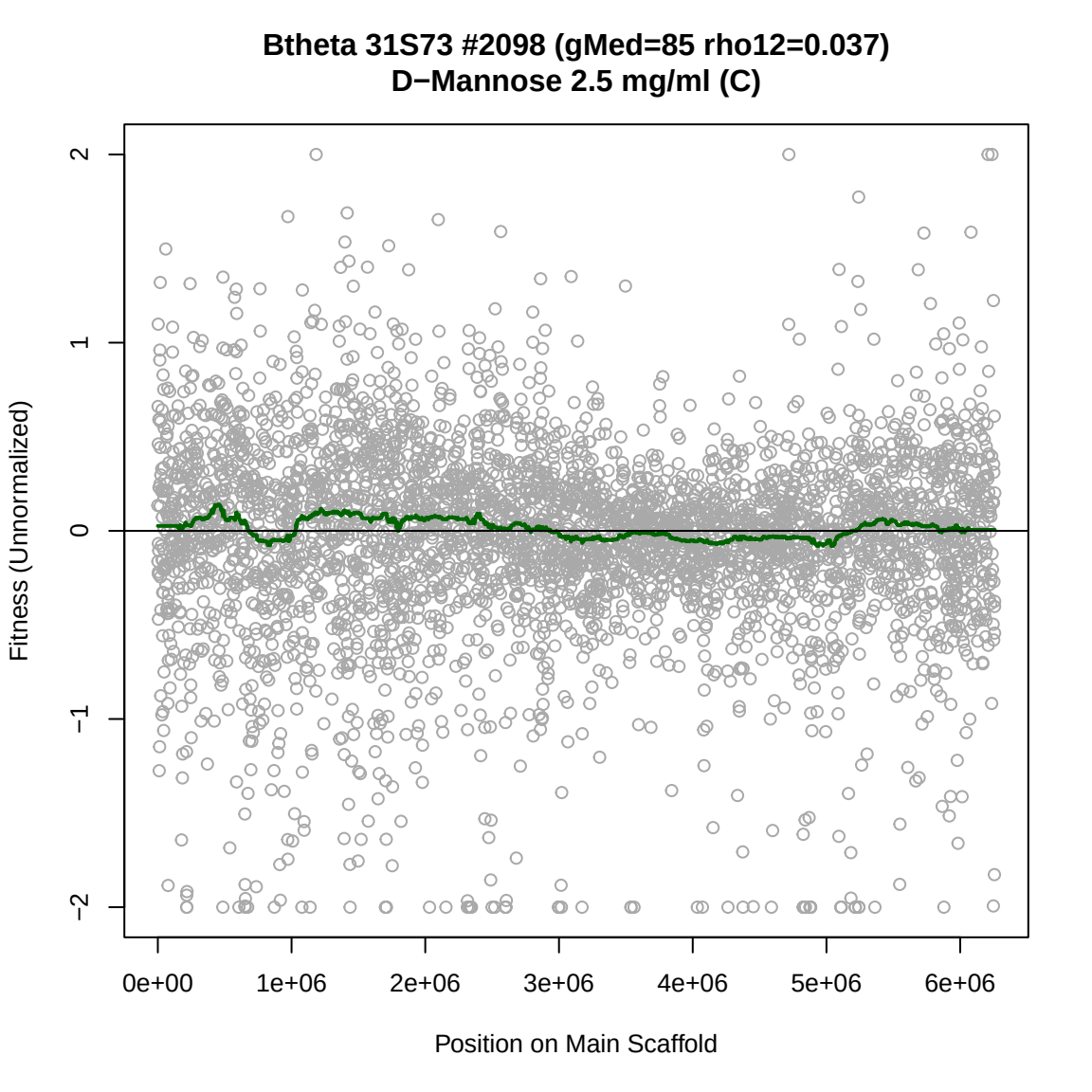

Btheta 31S68 #2093 (gMed=75 rho12=0.119)
D−Galactose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

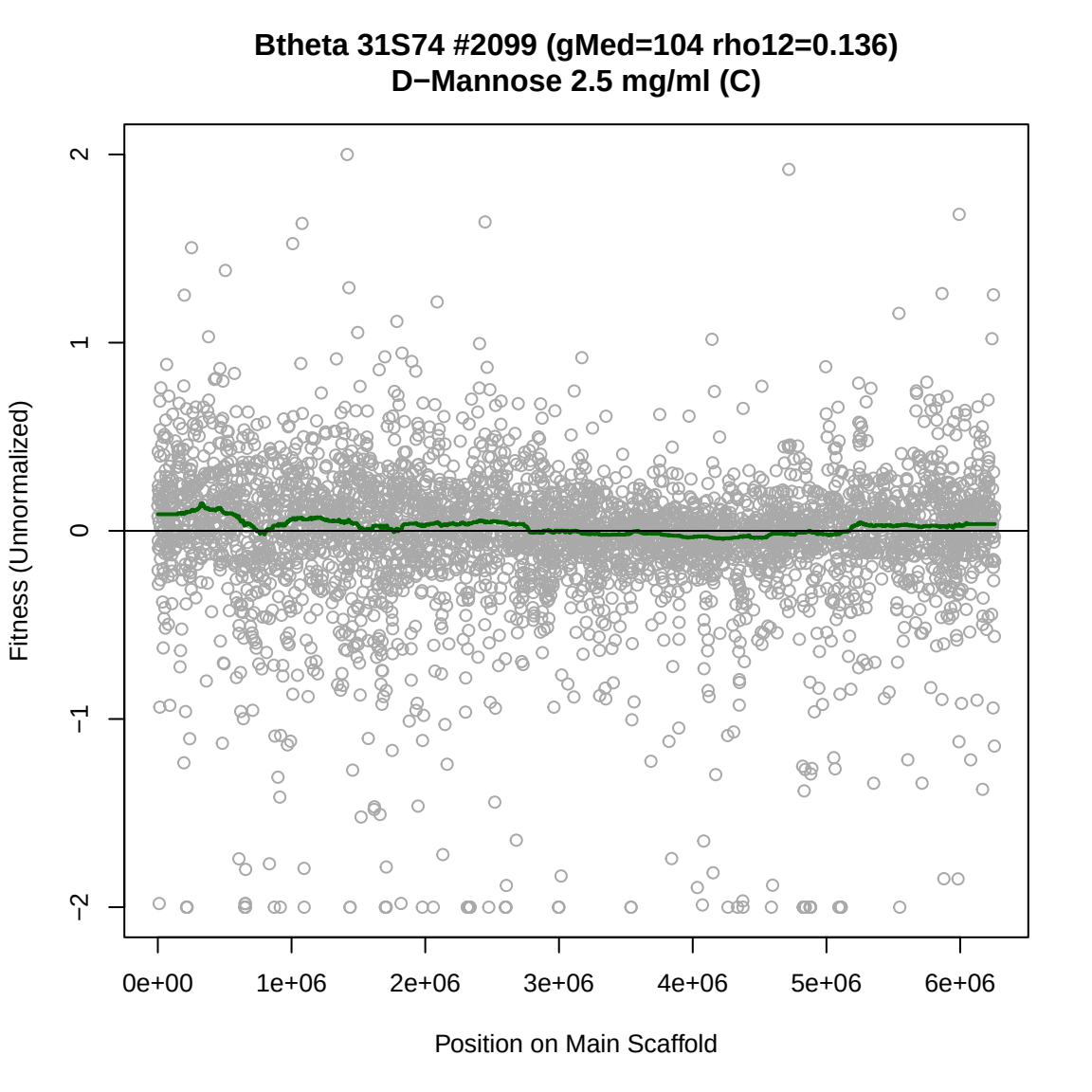

Btheta 31S69 #2094 (gMed=99 rho12=0.079)
D−Glucosamine Hydrochloride 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

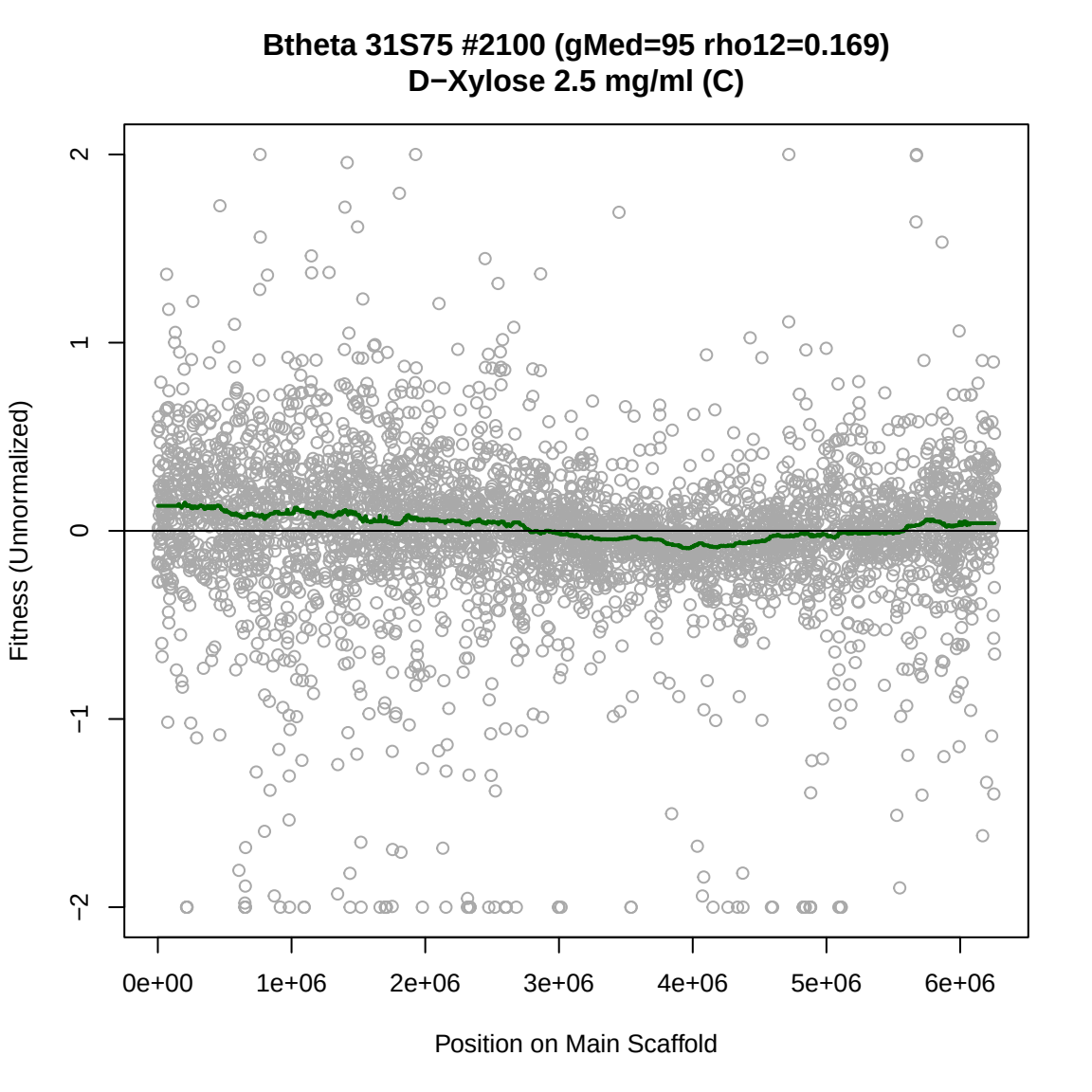

Btheta 31S70 #2095 (gMed=93 rho12=0.098)
D−Glucosamine Hydrochloride 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

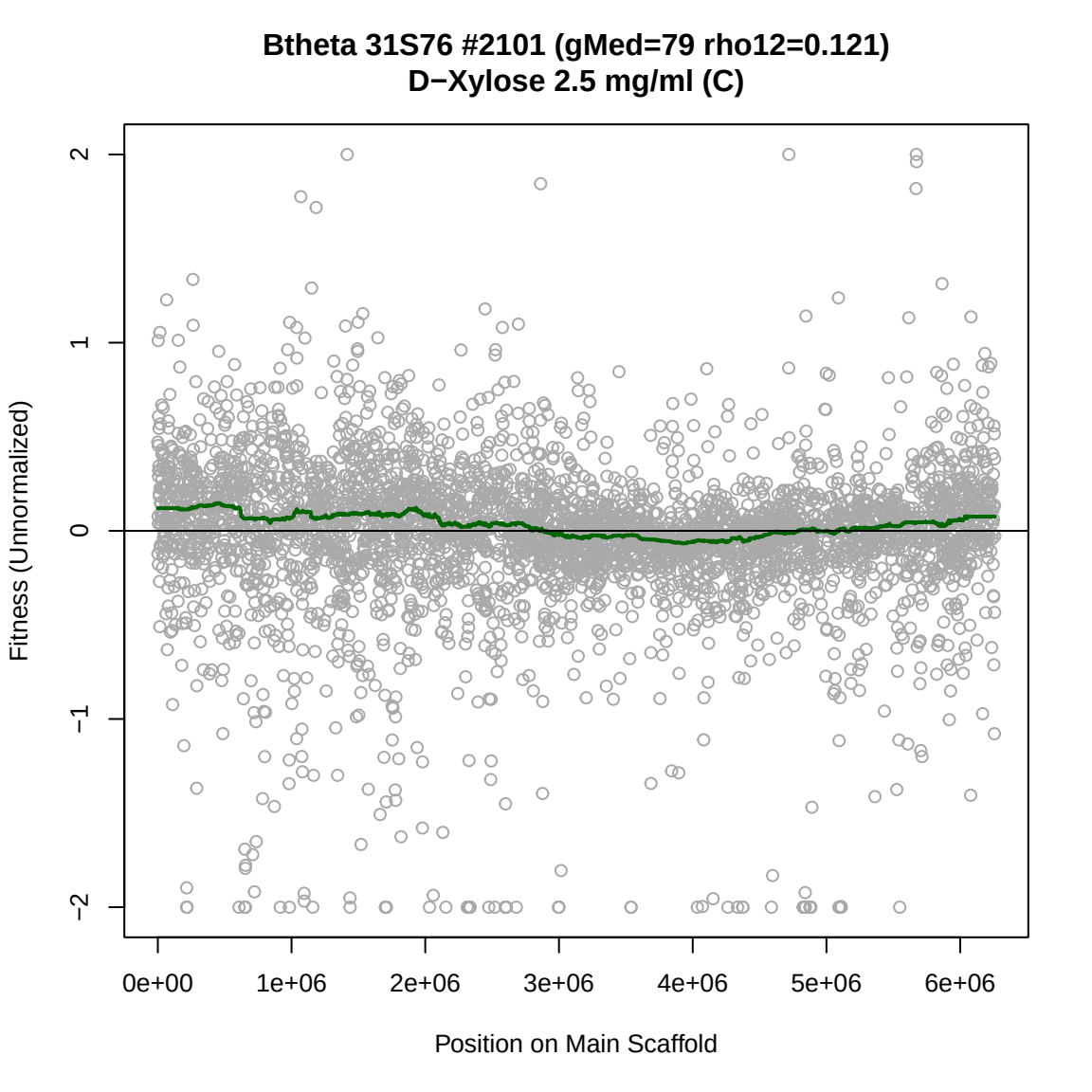

Btheta 31S71 #2096 (gMed=94 rho12=0.162)
D−Glucose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

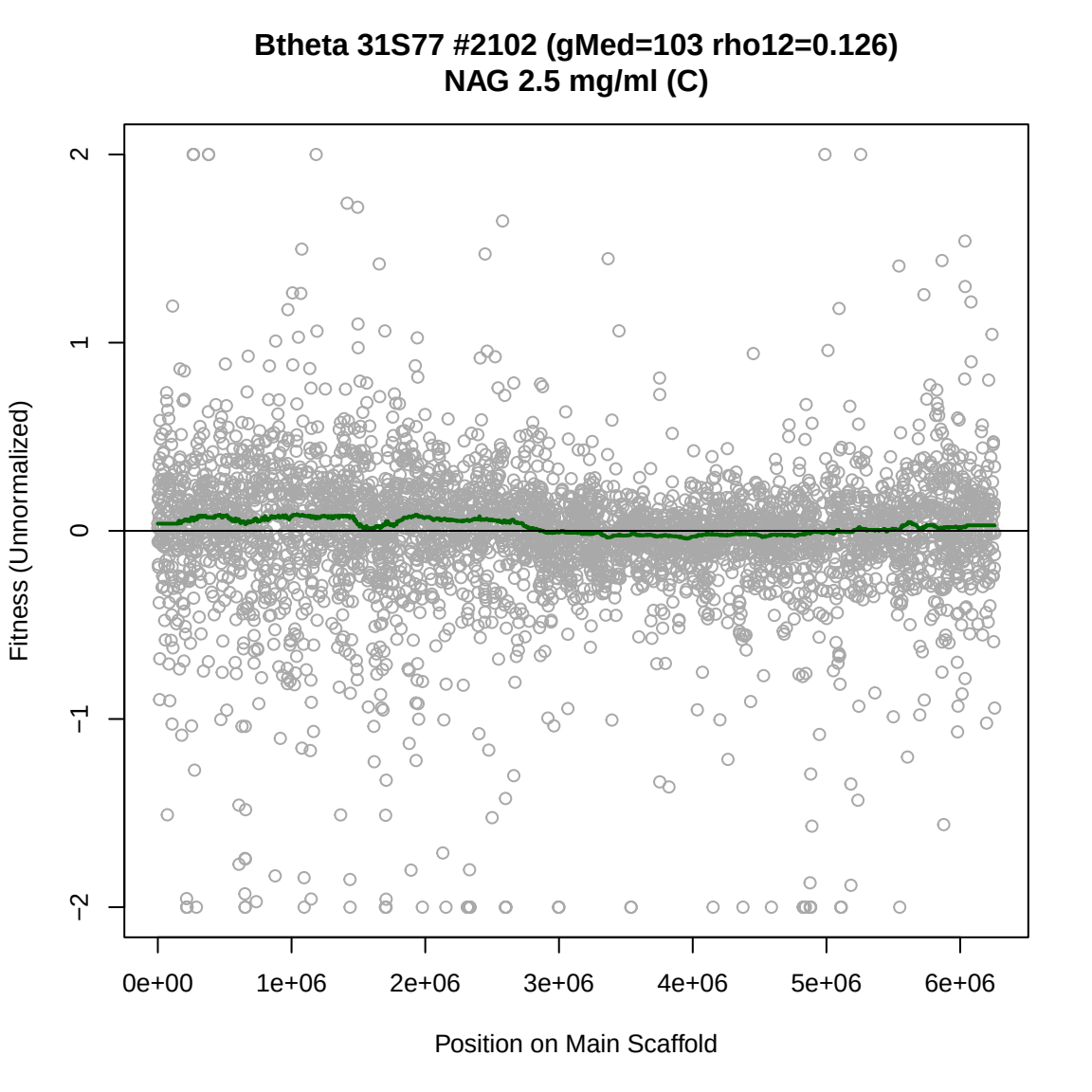

Btheta 31S72 #2097 (gMed=76 rho12=0.160)
D−Glucose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

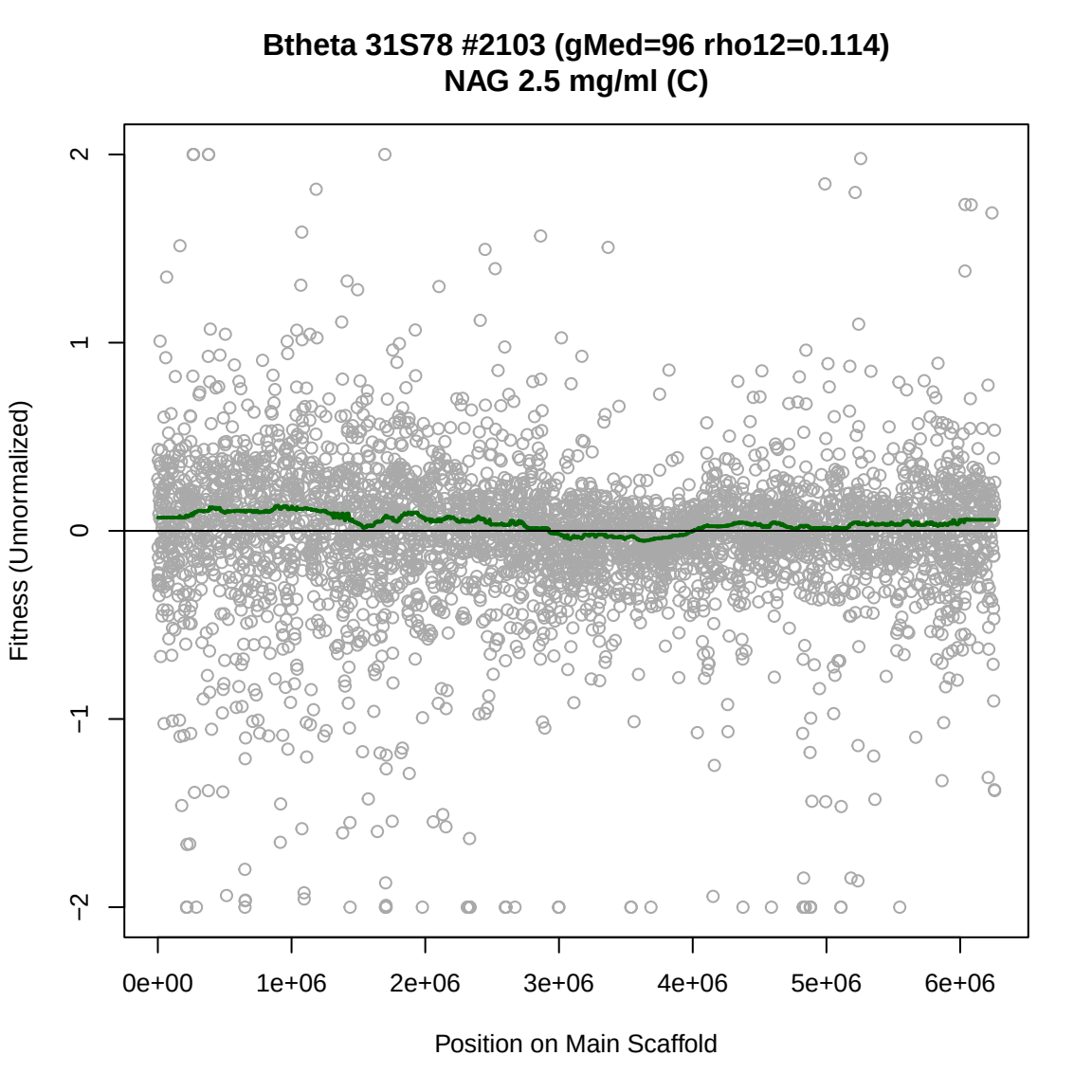

Btheta 31S73 #2098 (gMed=85 rho12=0.037)
D−Mannose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

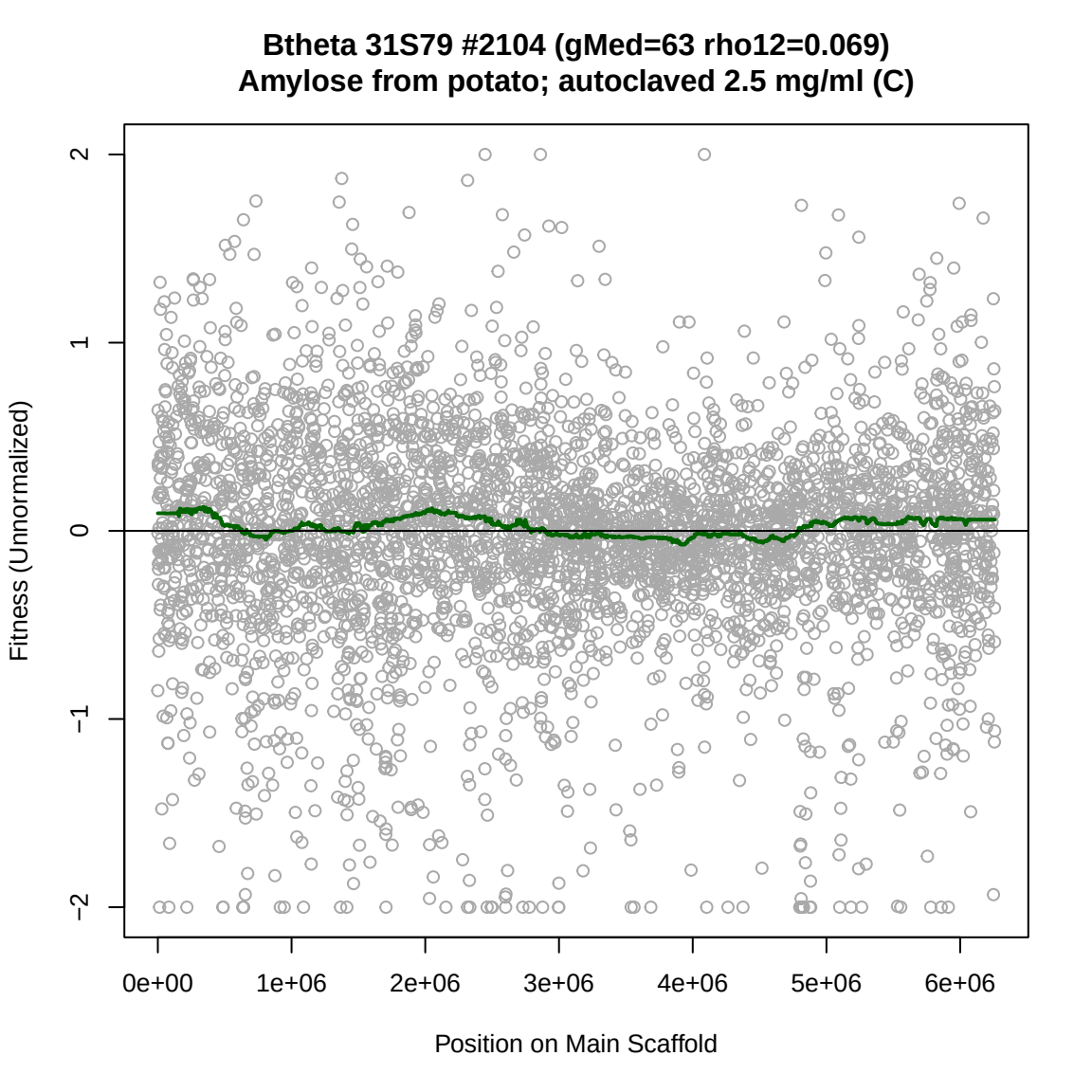

Btheta 31S74 #2099 (gMed=104 rho12=0.136)
D−Mannose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

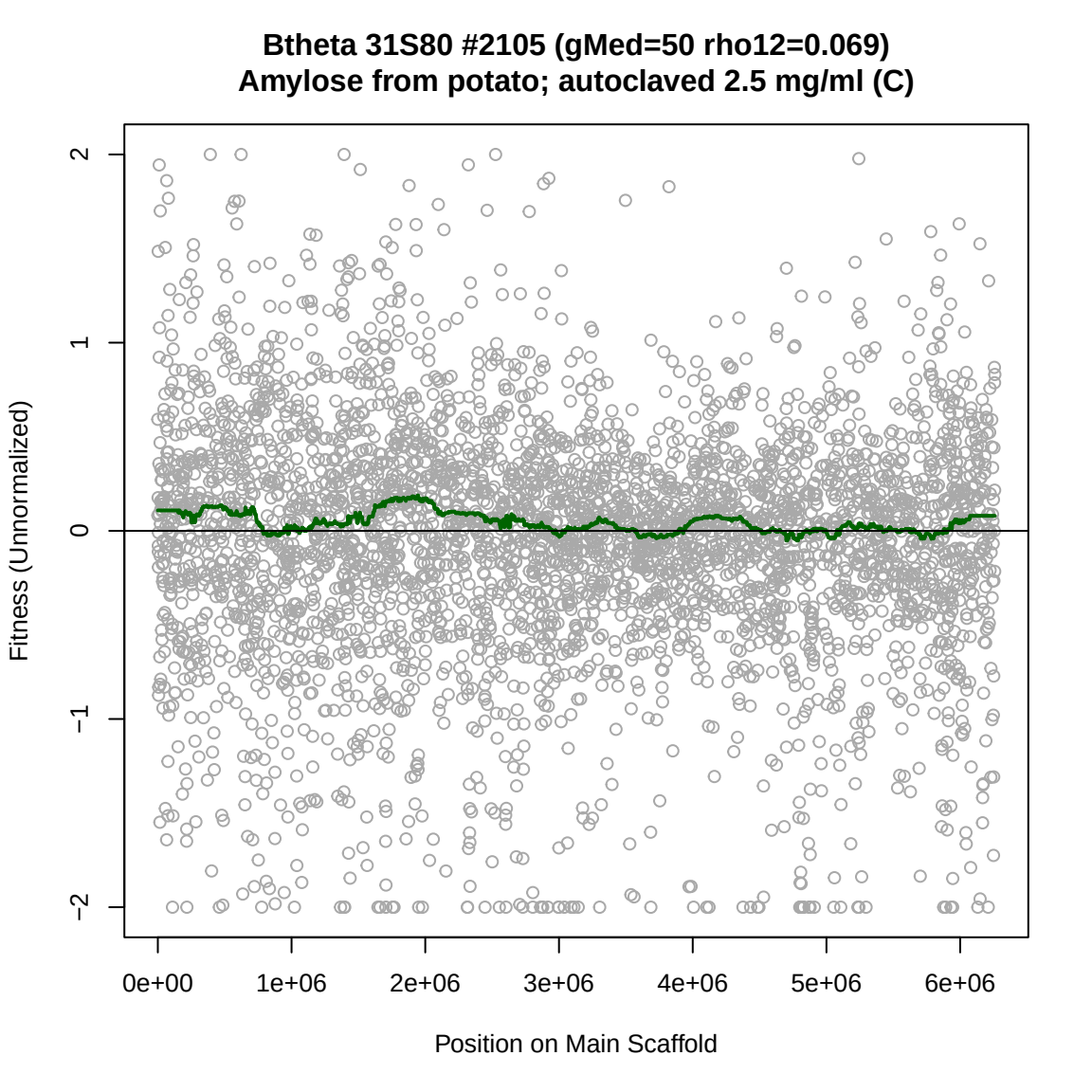

Btheta 31S75 #2100 (gMed=95 rho12=0.169)
D−Xylose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

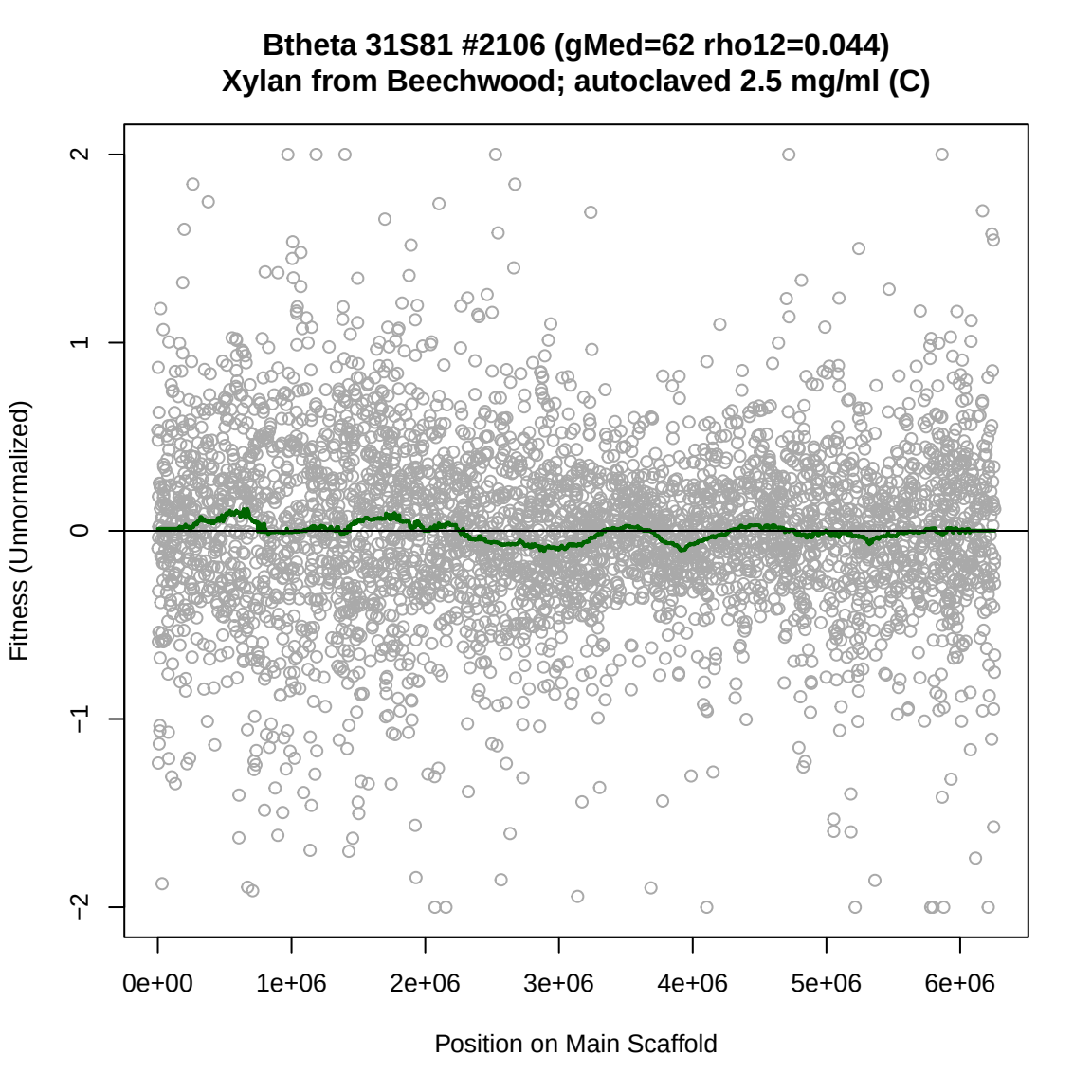

Btheta 31S76 #2101 (gMed=79 rho12=0.121)
D−Xylose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

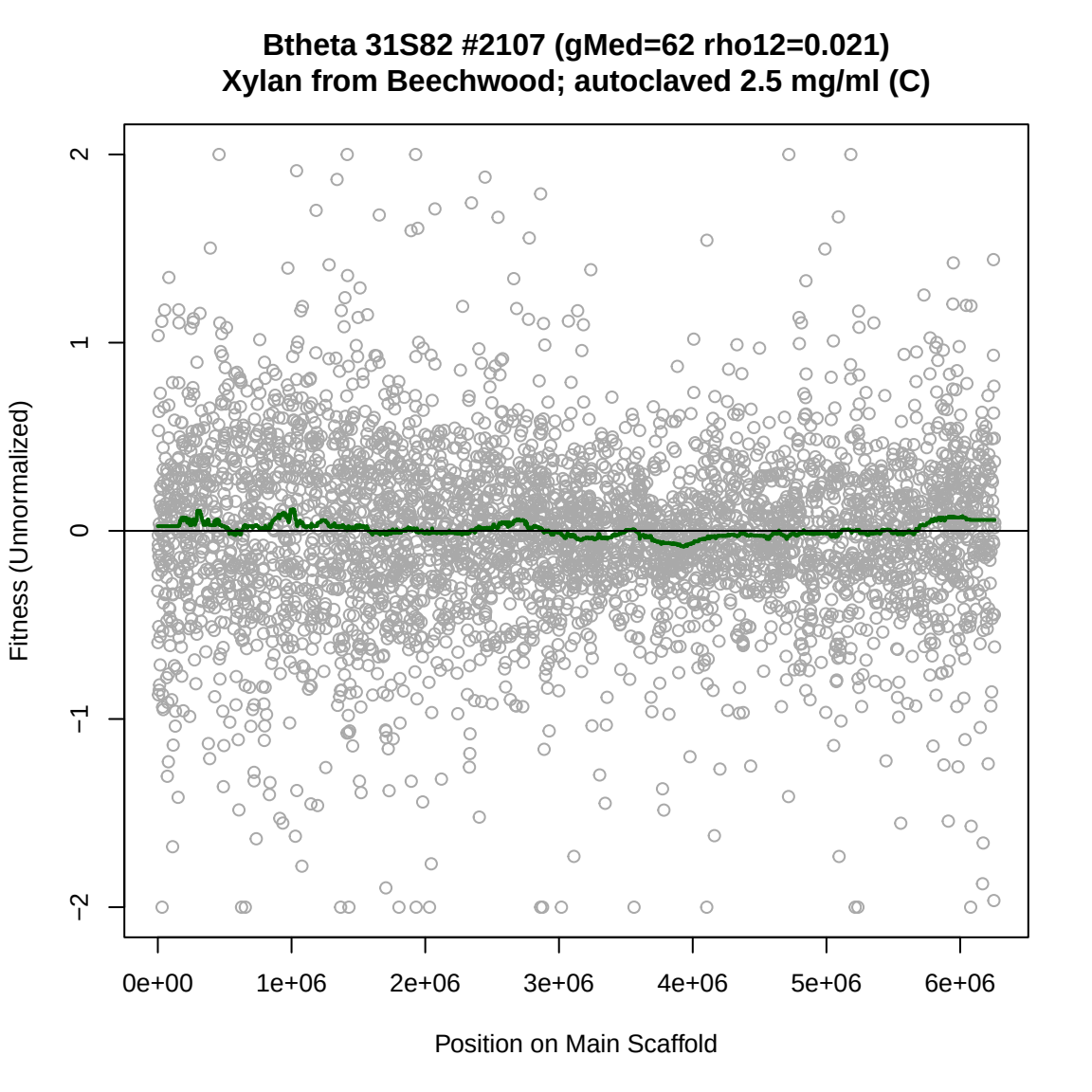

Btheta 31S77 #2102 (gMed=103 rho12=0.126)
NAG 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

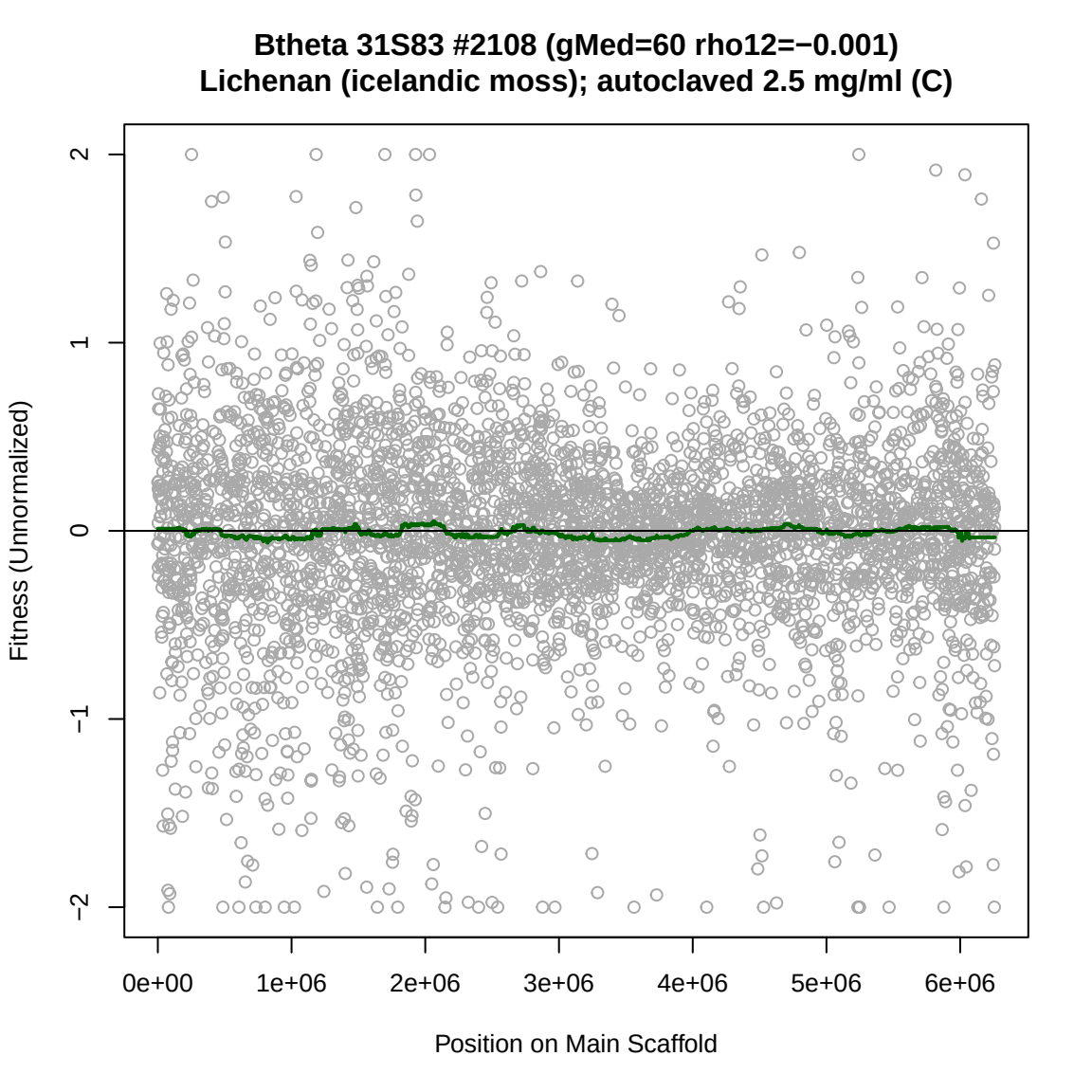

Btheta 31S78 #2103 (gMed=96 rho12=0.114)
NAG 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

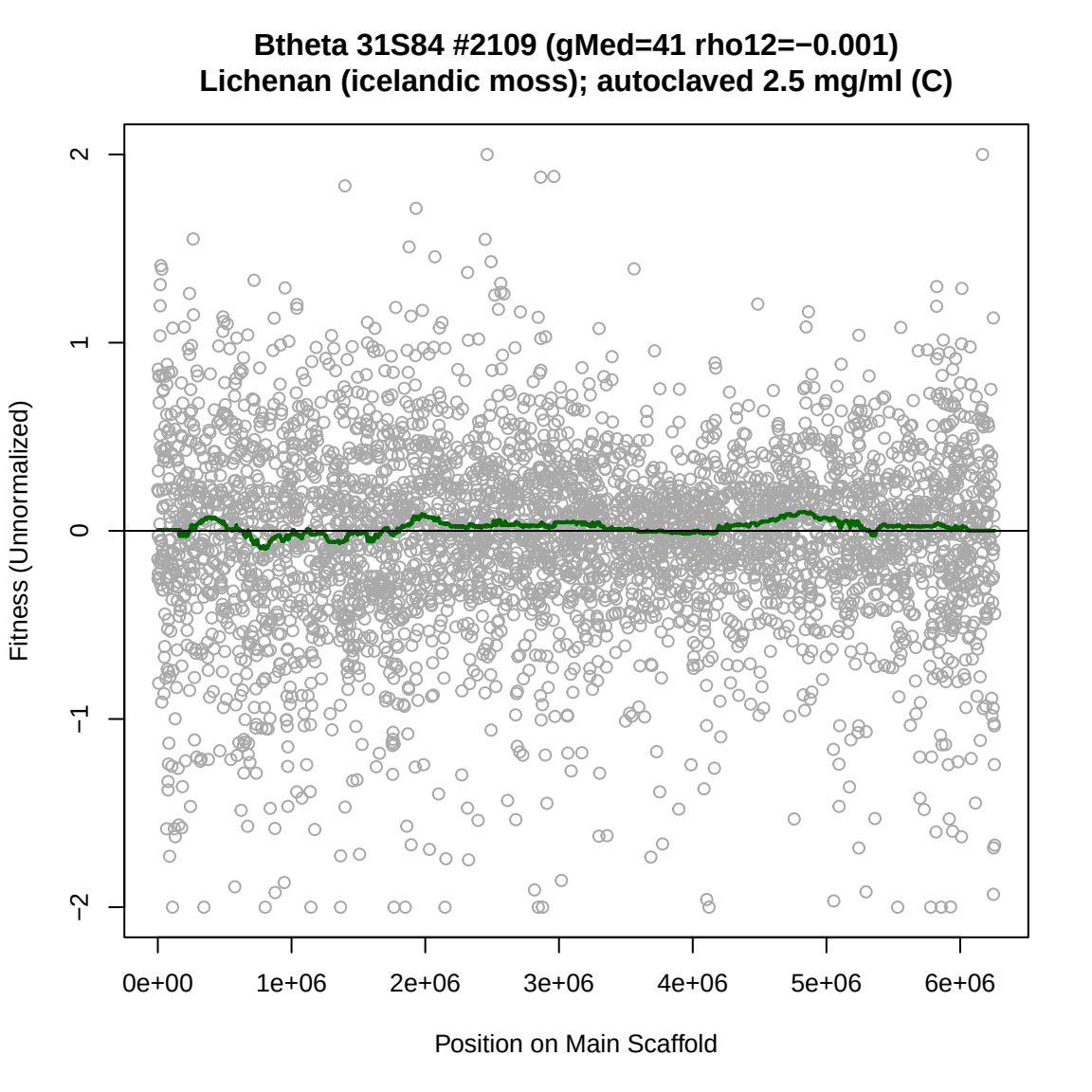

Btheta 31S79 #2104 (gMed=63 rho12=0.069)
Amylose from potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

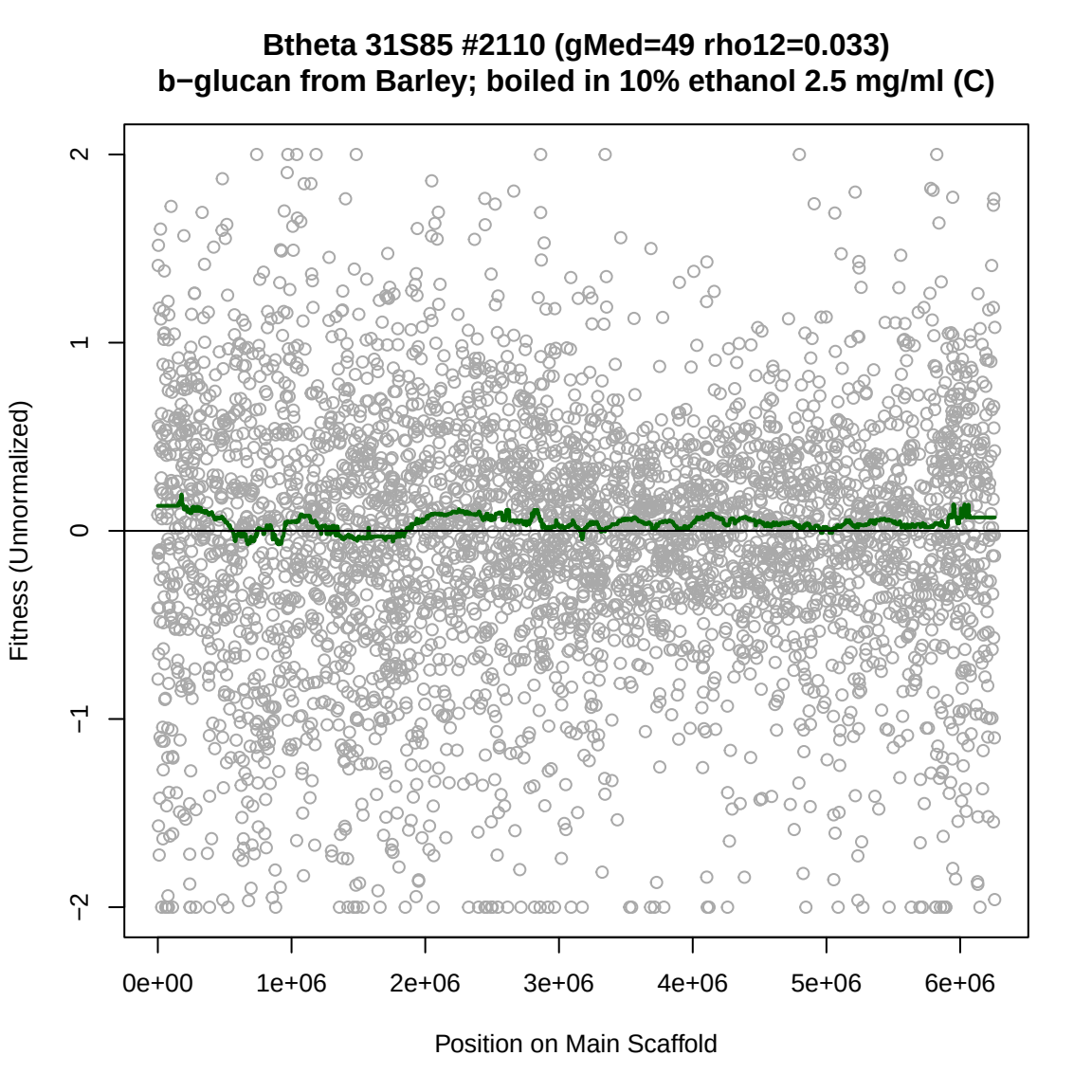

Btheta 31S80 #2105 (gMed=50 rho12=0.069)
Amylose from potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

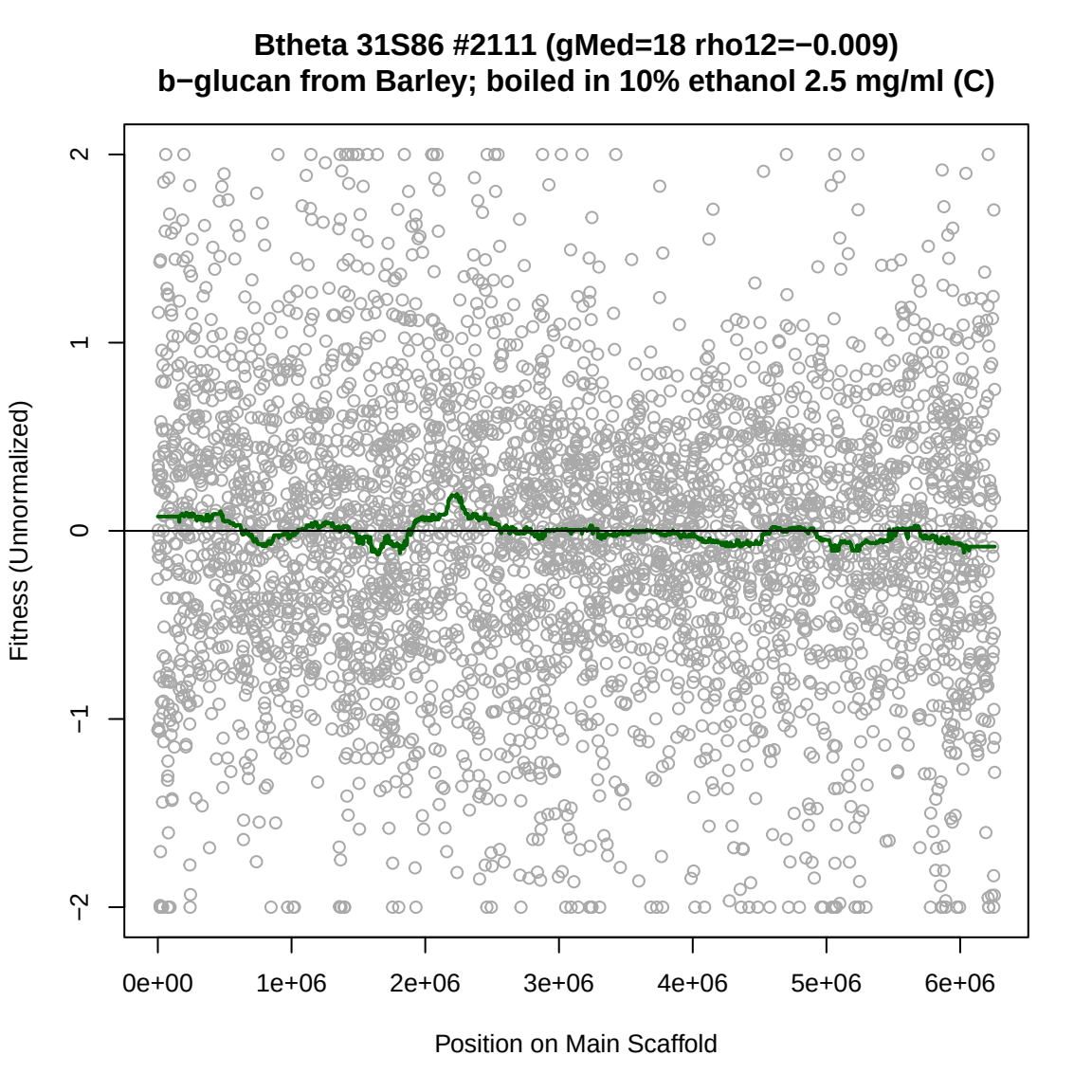

Btheta 31S81 #2106 (gMed=62 rho12=0.044)
Xylan from Beechwood; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

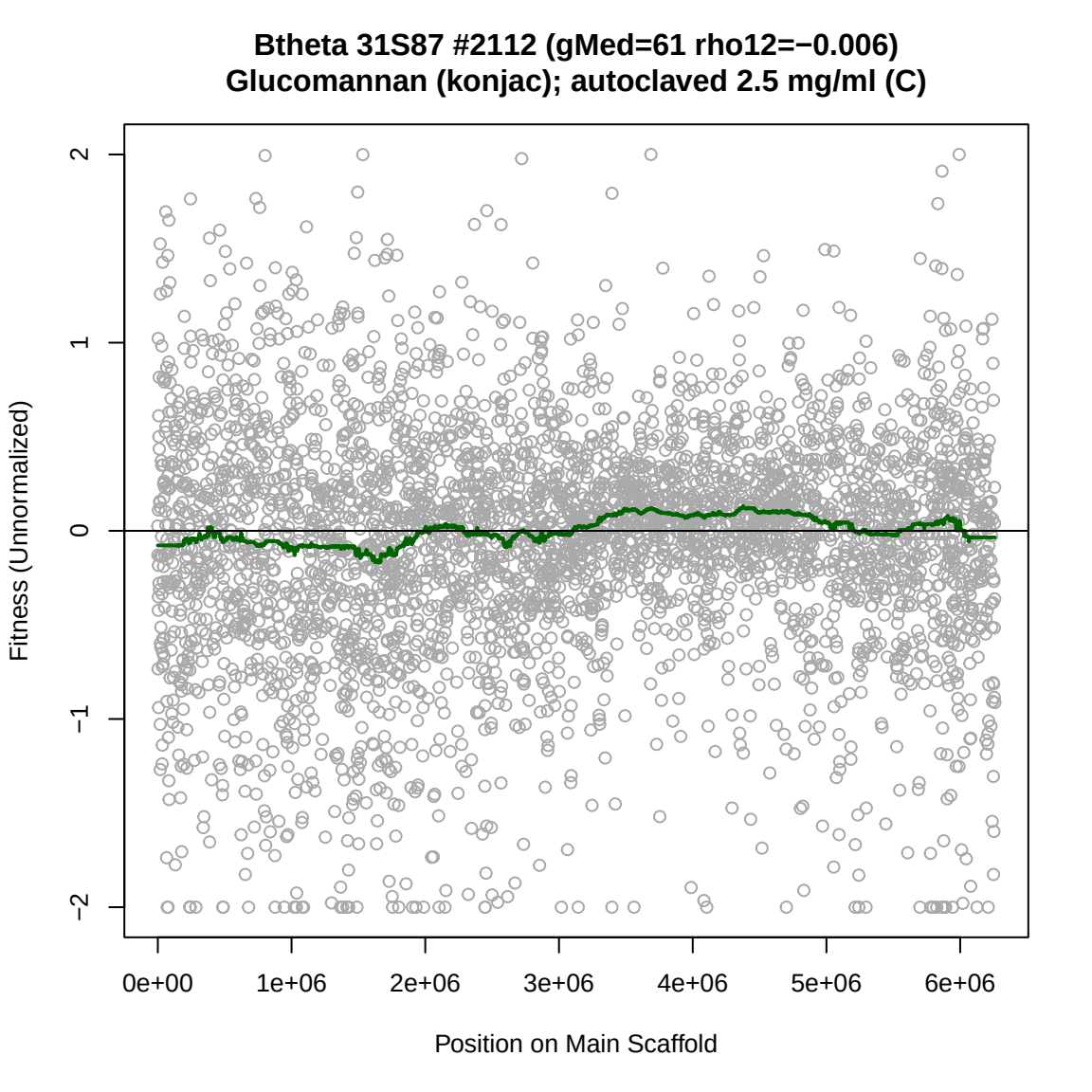

Btheta 31S82 #2107 (gMed=62 rho12=0.021)
Xylan from Beechwood; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

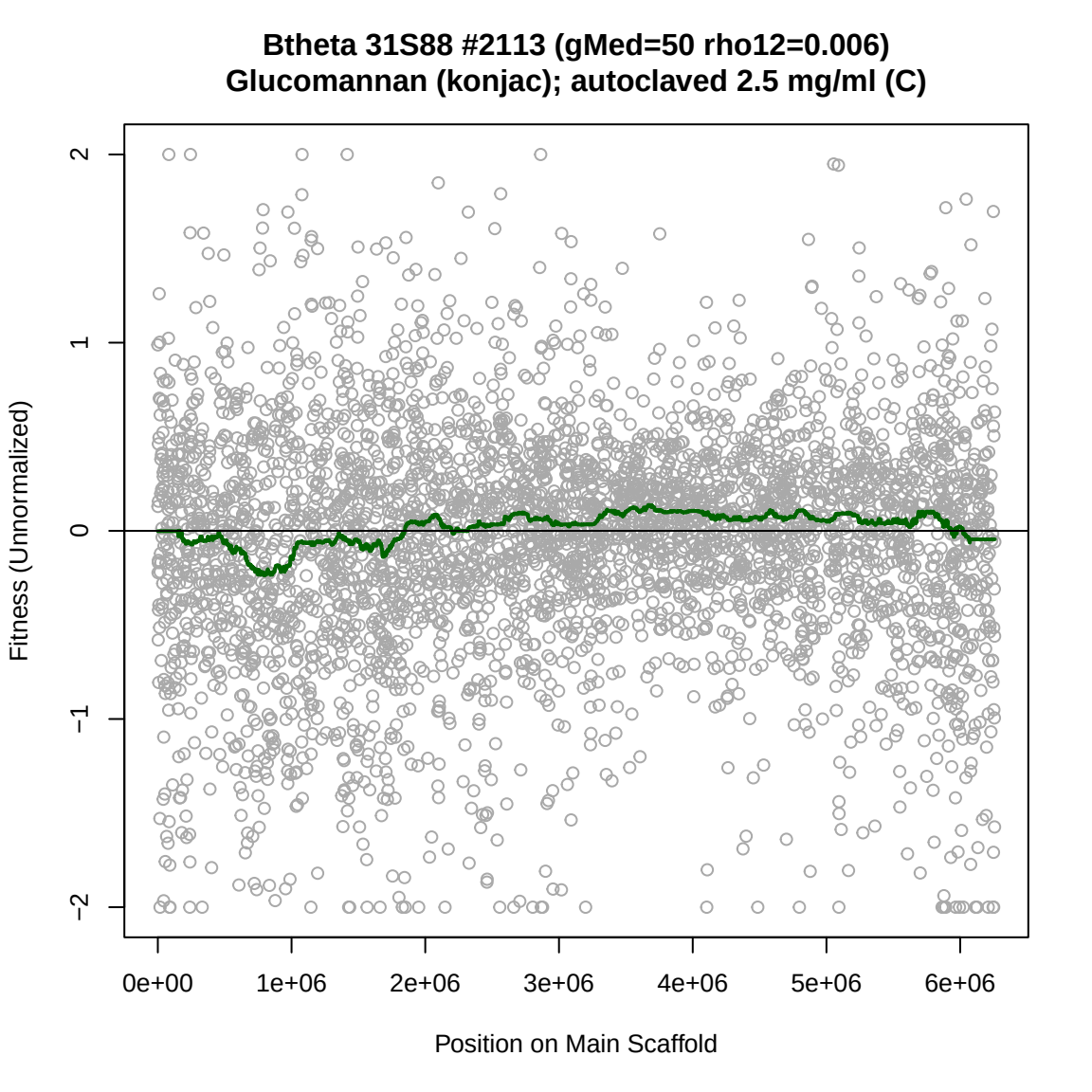

Btheta 31S83 #2108 (gMed=60 rho12=−0.001)
Lichenan (icelandic moss); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

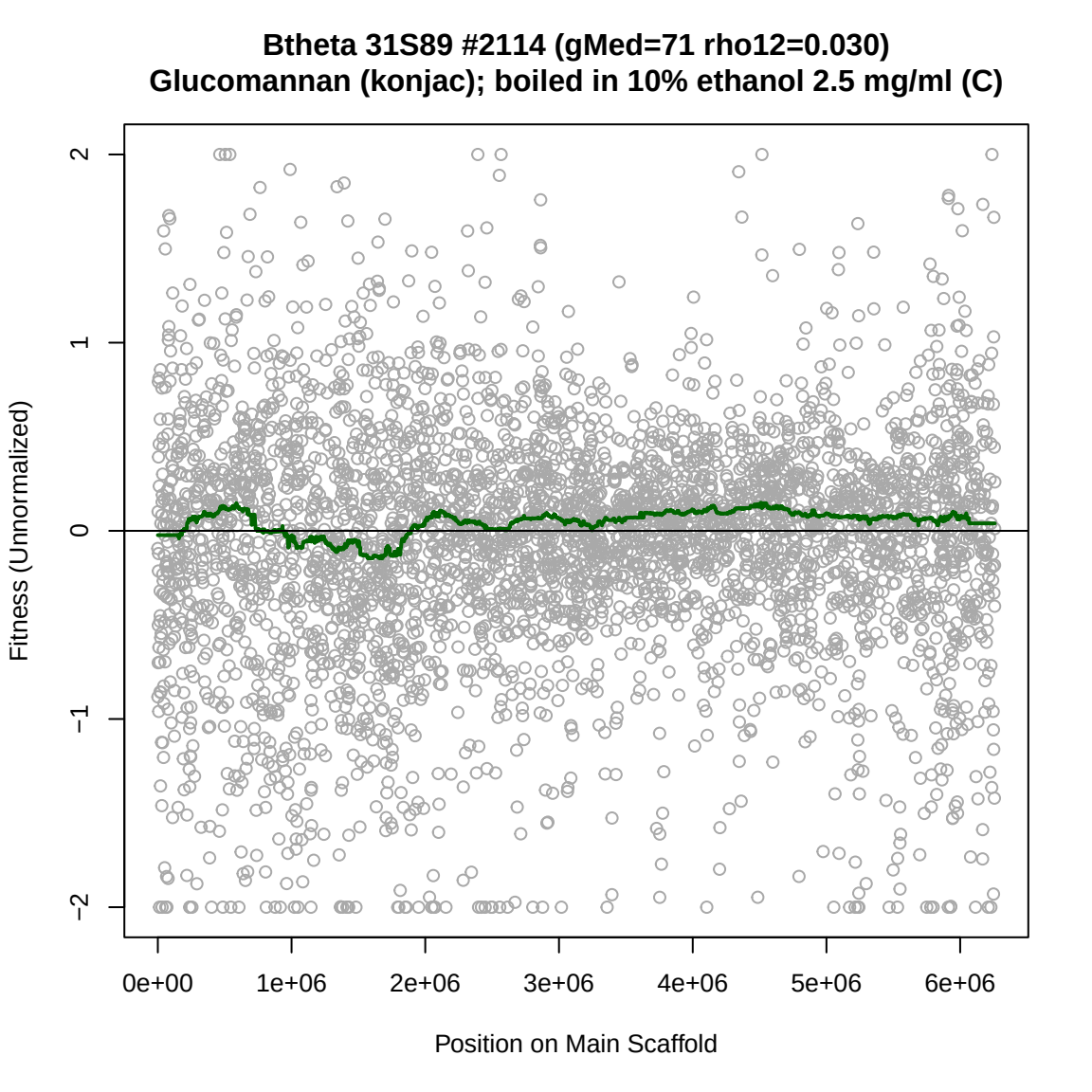

Btheta 31S84 #2109 (gMed=41 rho12=−0.001)
Lichenan (icelandic moss); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

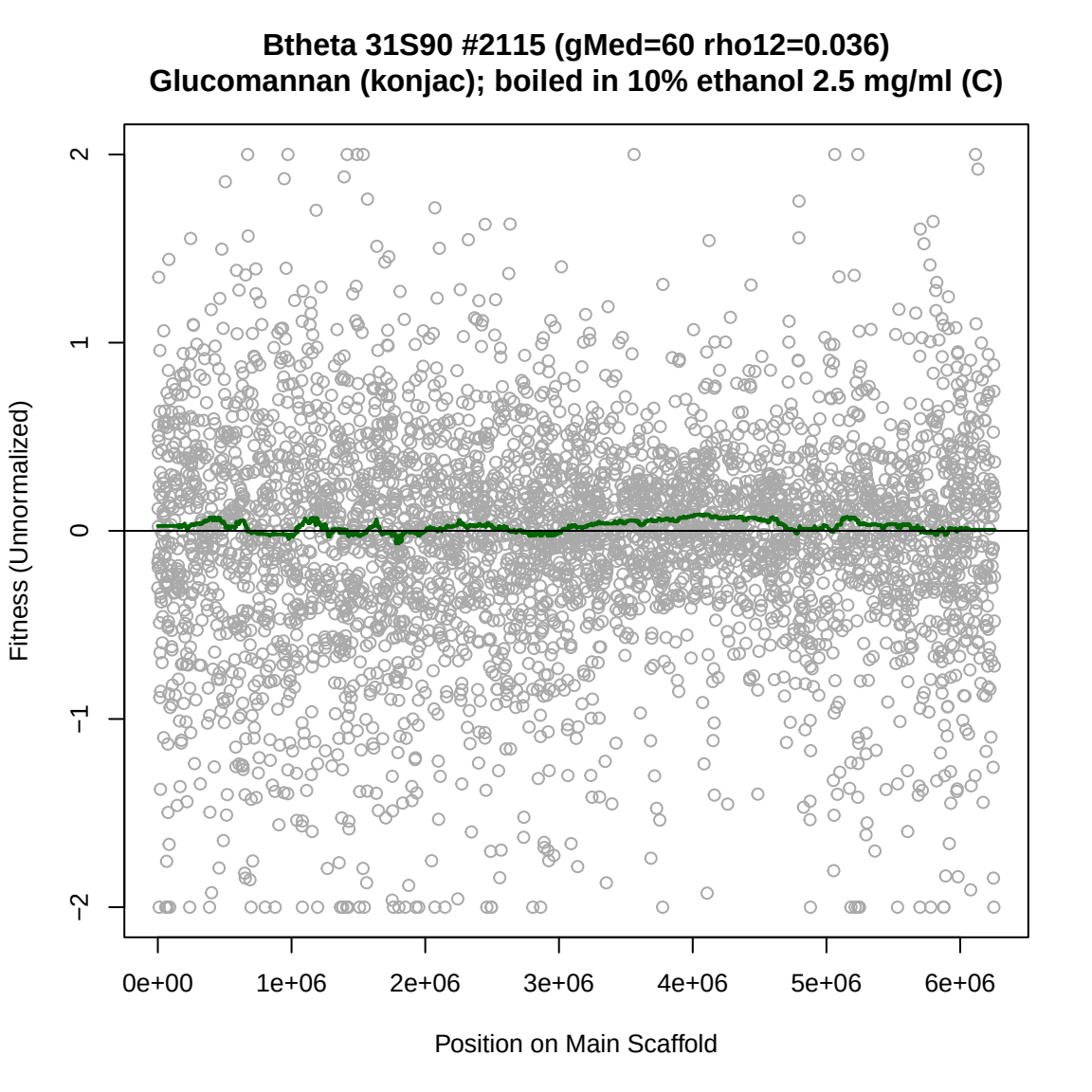

Btheta 31S85 #2110 (gMed=49 rho12=0.033)
b−glucan from Barley; boiled in 10% ethanol 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

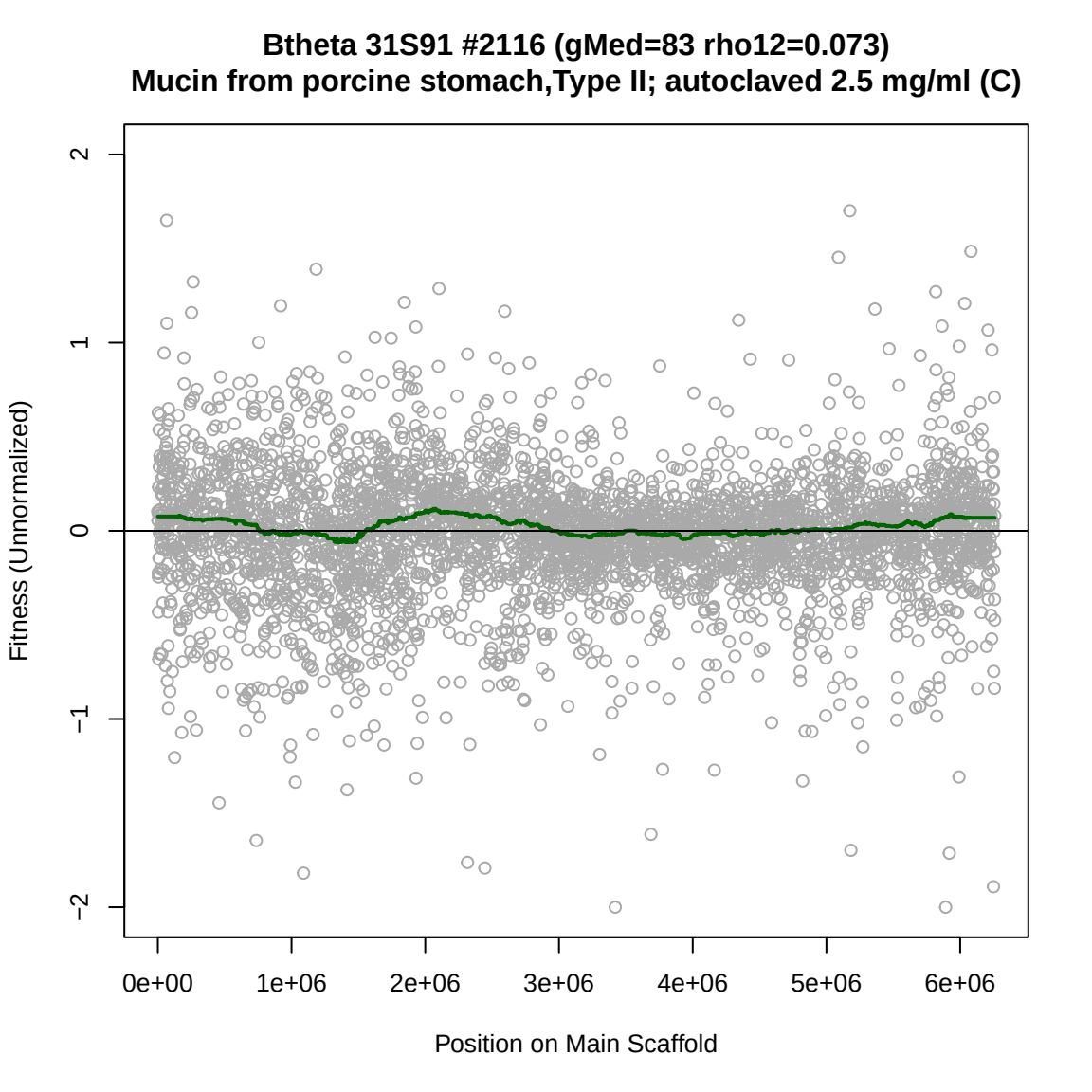

Btheta 31S86 #2111 (gMed=18 rho12=−0.009)
b−glucan from Barley; boiled in 10% ethanol 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

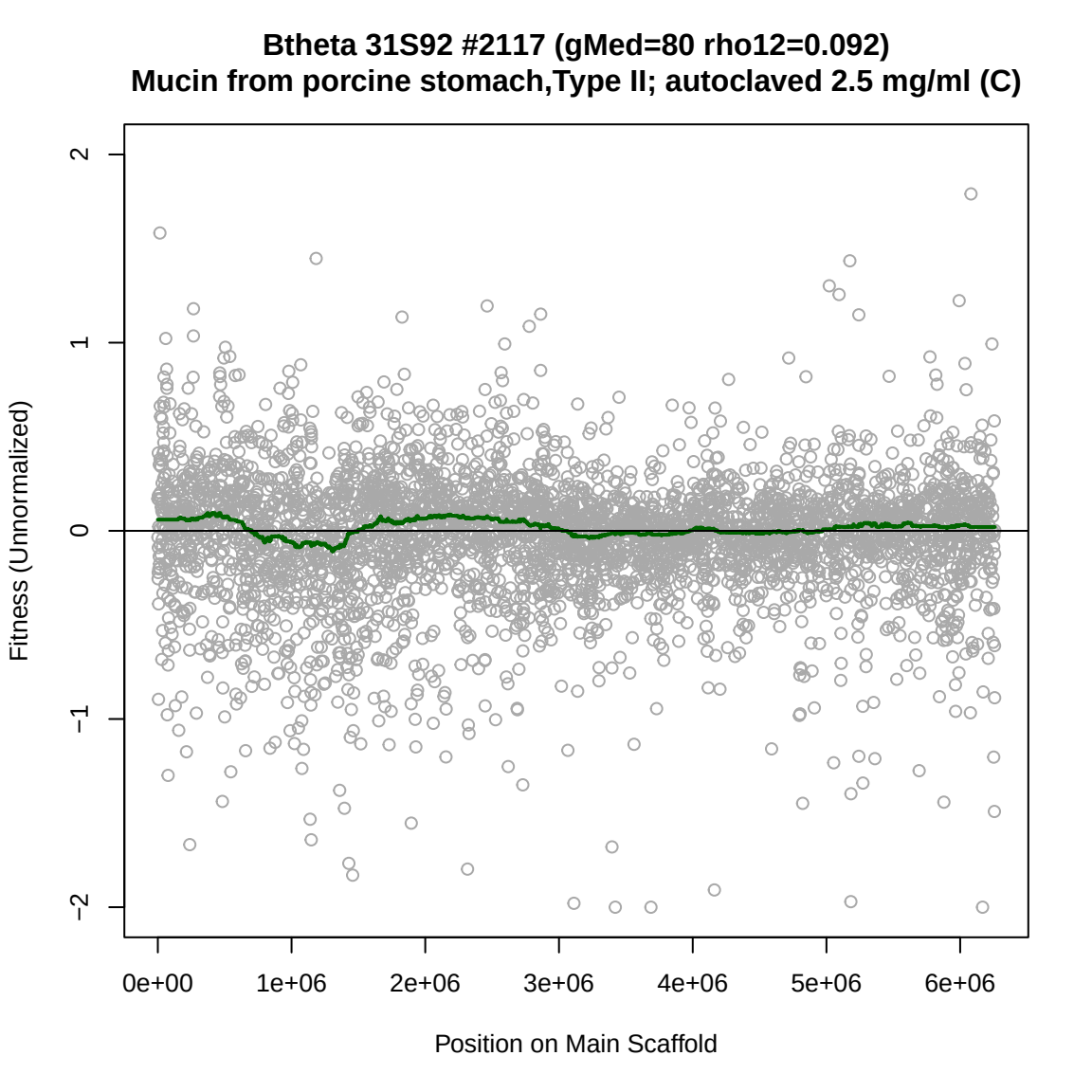

Btheta 31S87 #2112 (gMed=61 rho12=−0.006)
Glucomannan (konjac); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

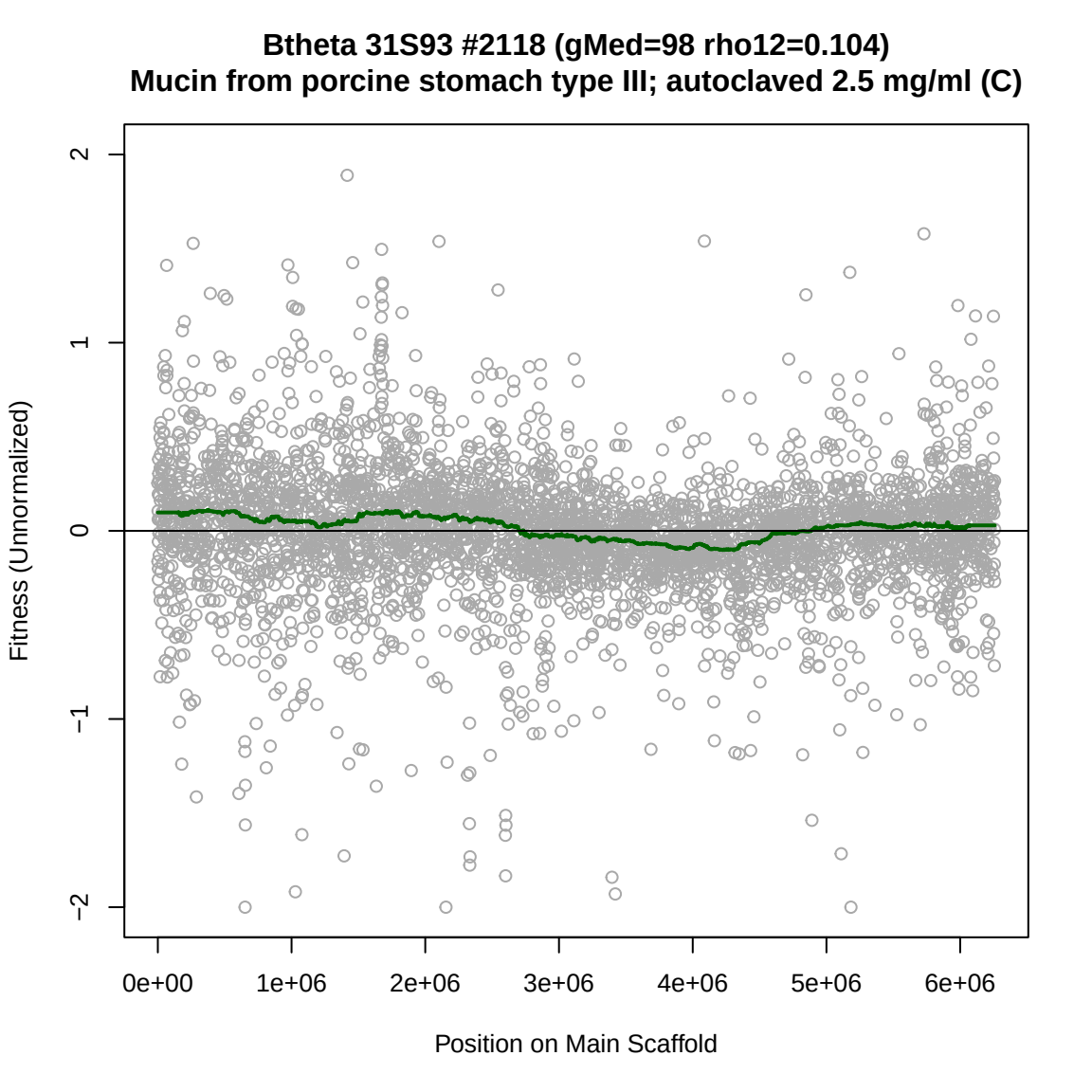

Btheta 31S88 #2113 (gMed=50 rho12=0.006)
Glucomannan (konjac); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

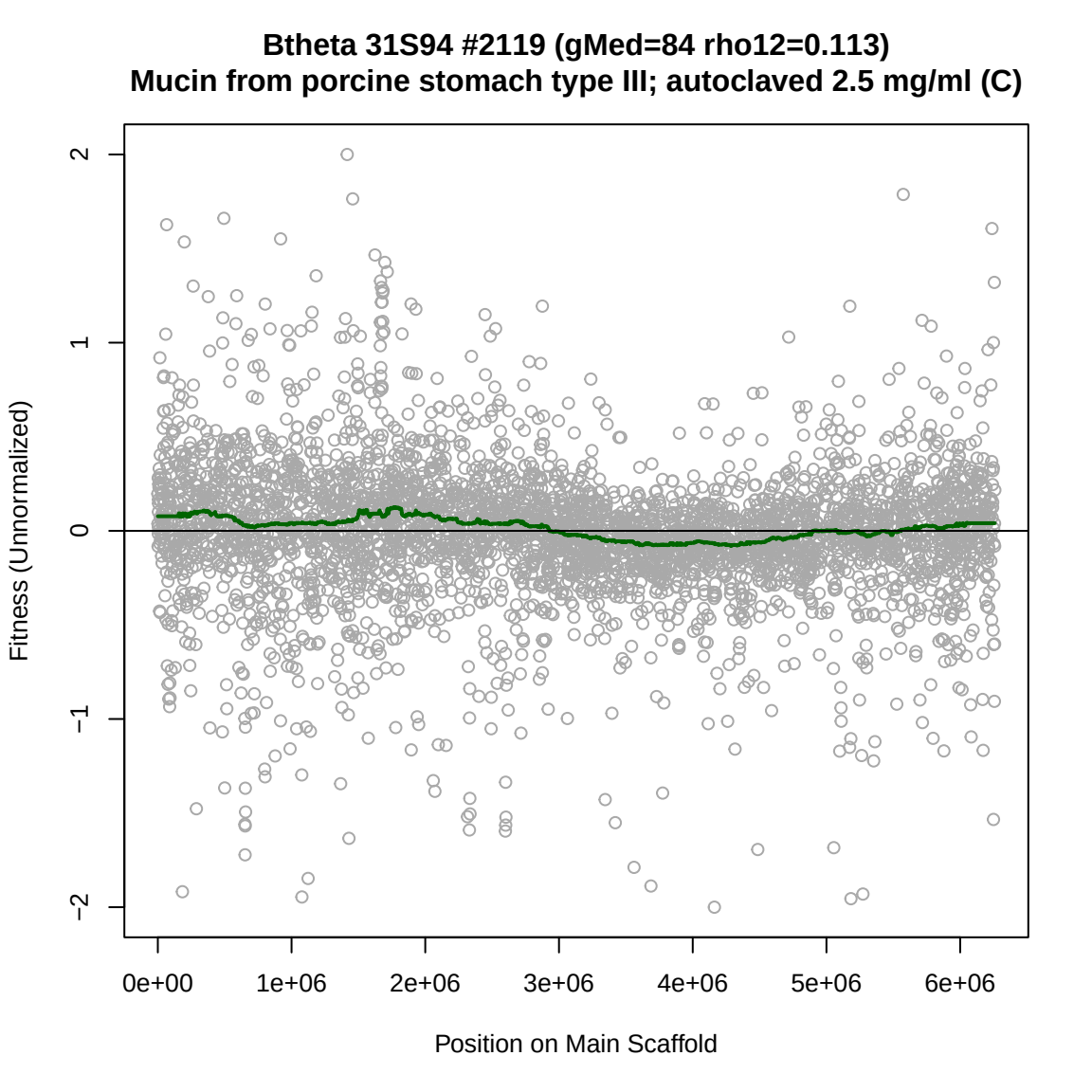

Btheta 31S89 #2114 (gMed=71 rho12=0.030)
Glucomannan (konjac); boiled in 10% ethanol 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

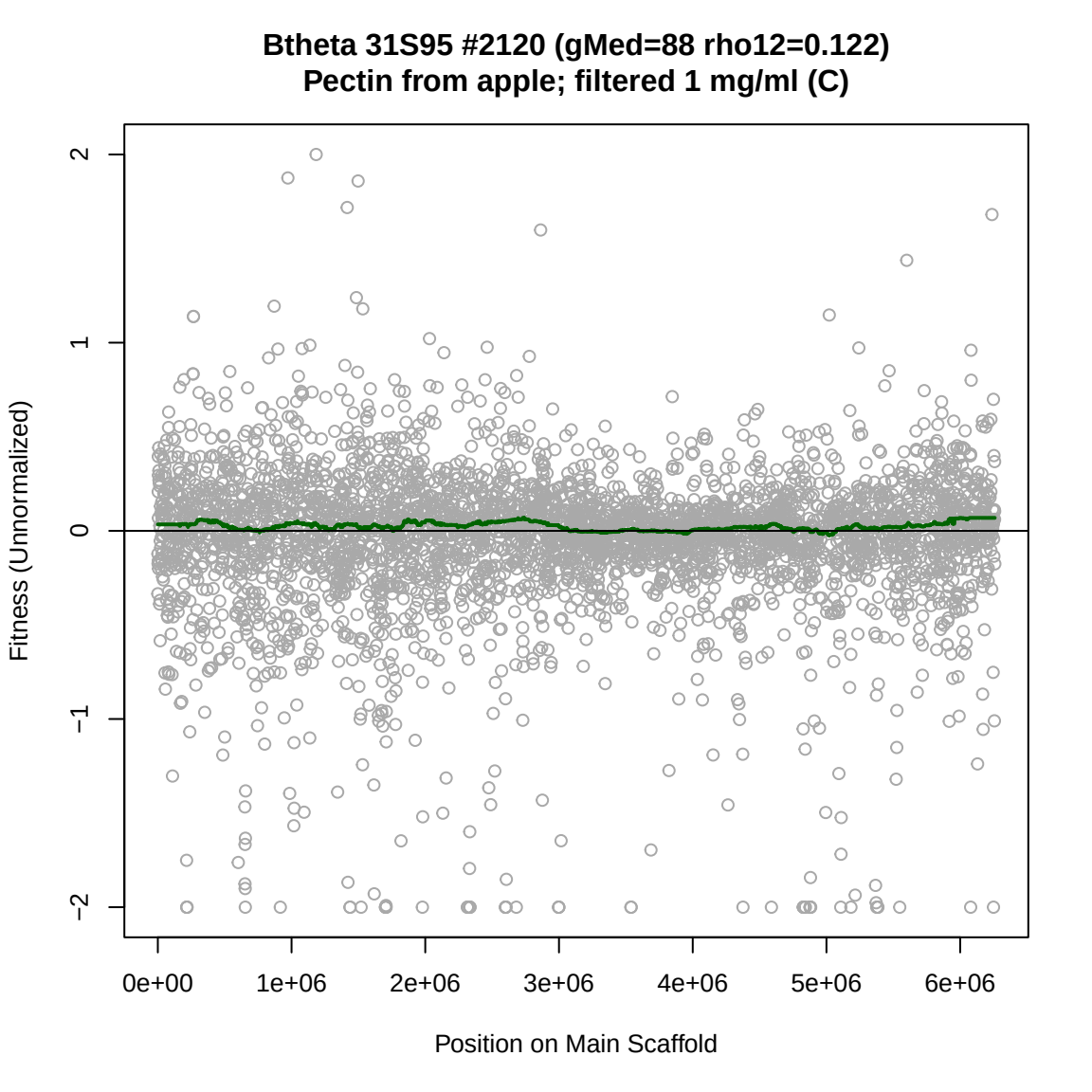

Btheta 31S90 #2115 (gMed=60 rho12=0.036)
Glucomannan (konjac); boiled in 10% ethanol 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

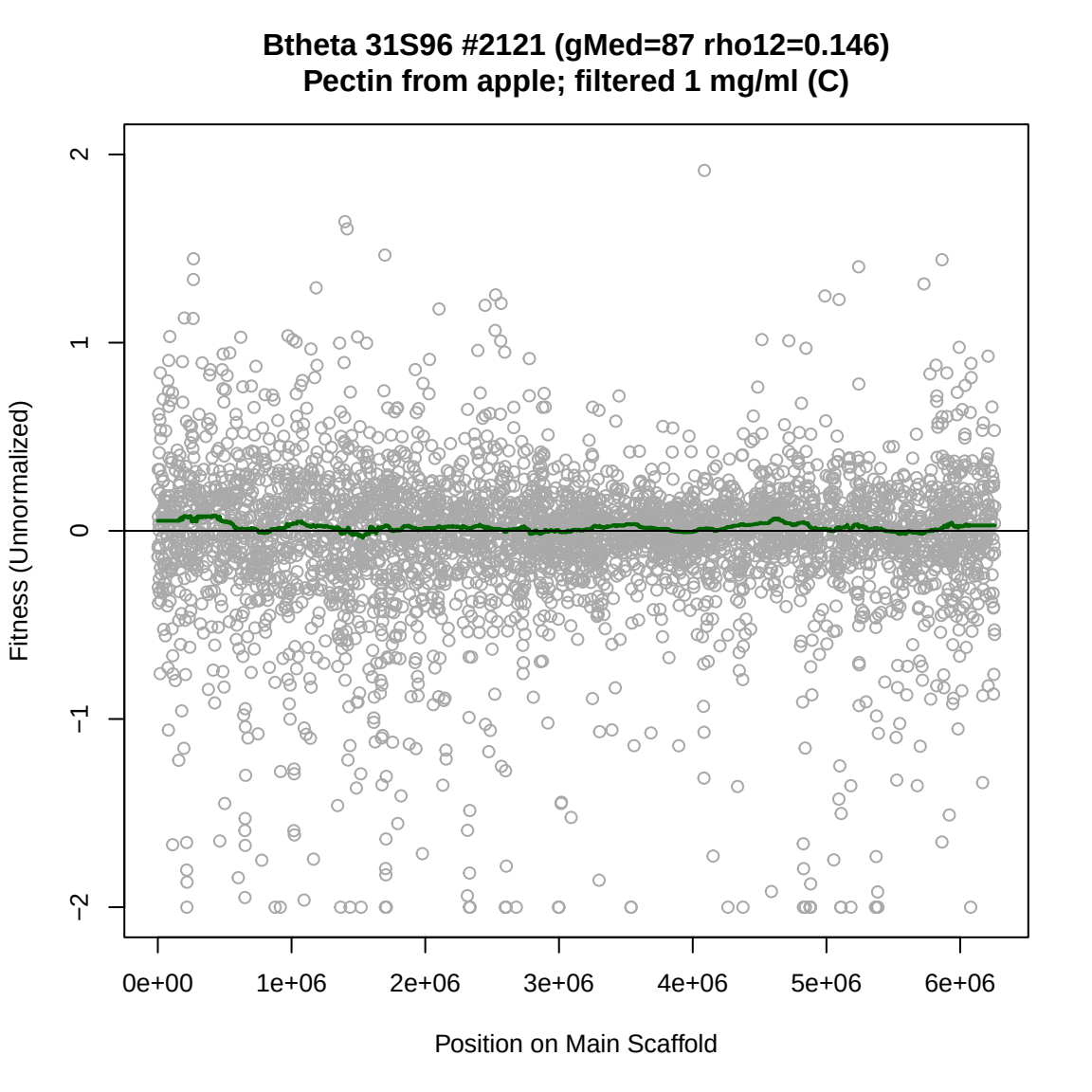

Btheta 31S91 #2116 (gMed=83 rho12=0.073)
Mucin from porcine stomach,Type II; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

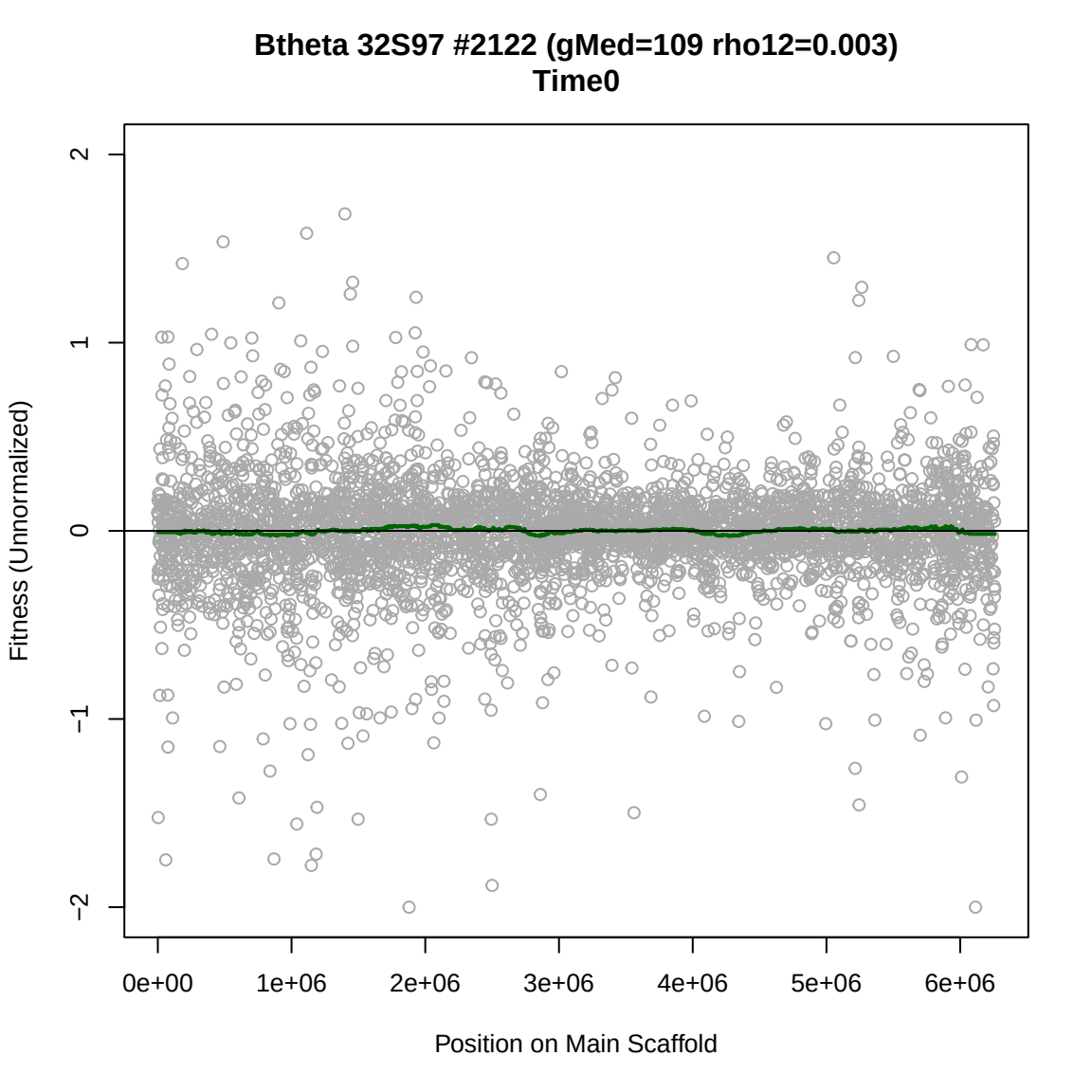

Btheta 31S92 #2117 (gMed=80 rho12=0.092)
Mucin from porcine stomach,Type II; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

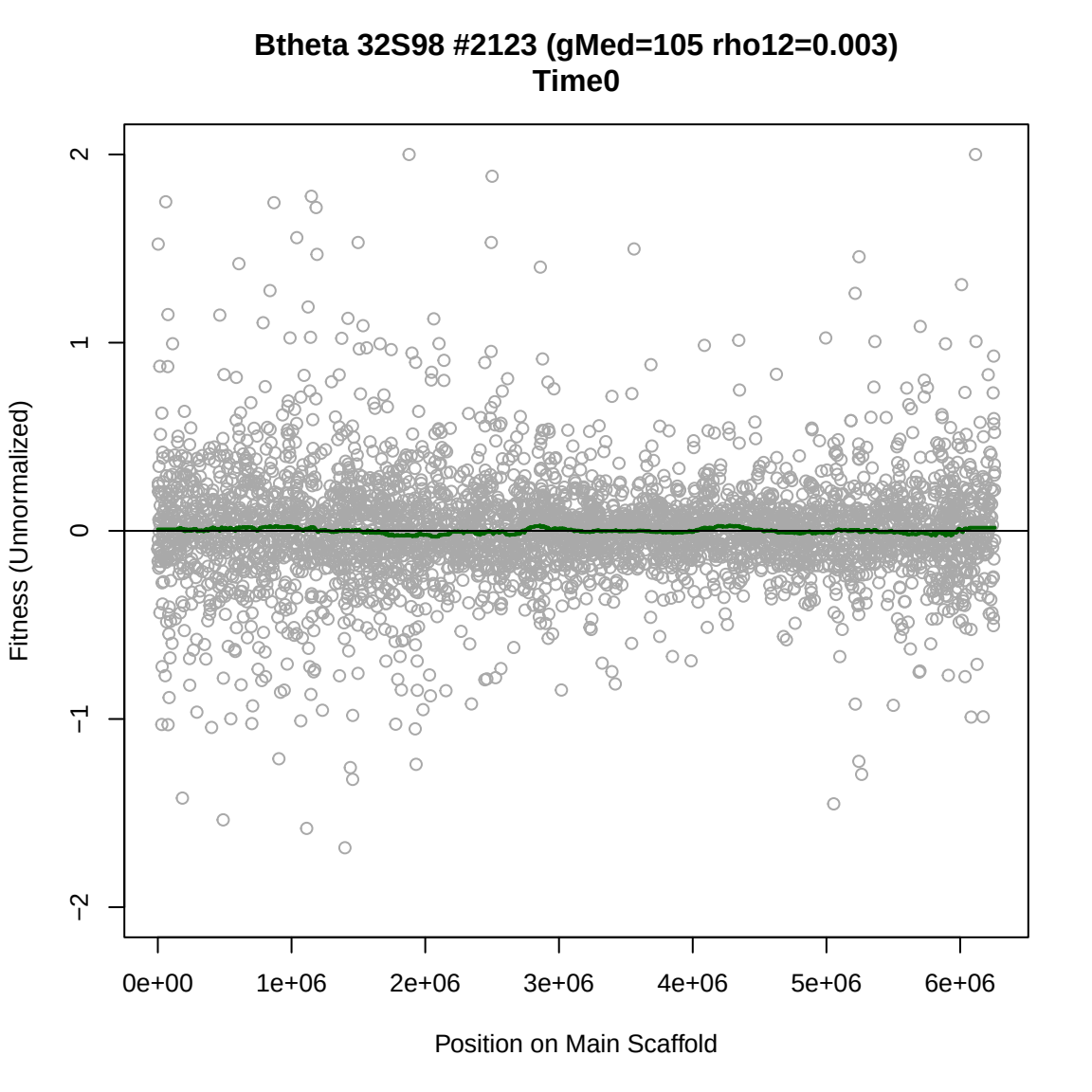

Btheta 31S93 #2118 (gMed=98 rho12=0.104)
Mucin from porcine stomach type III; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

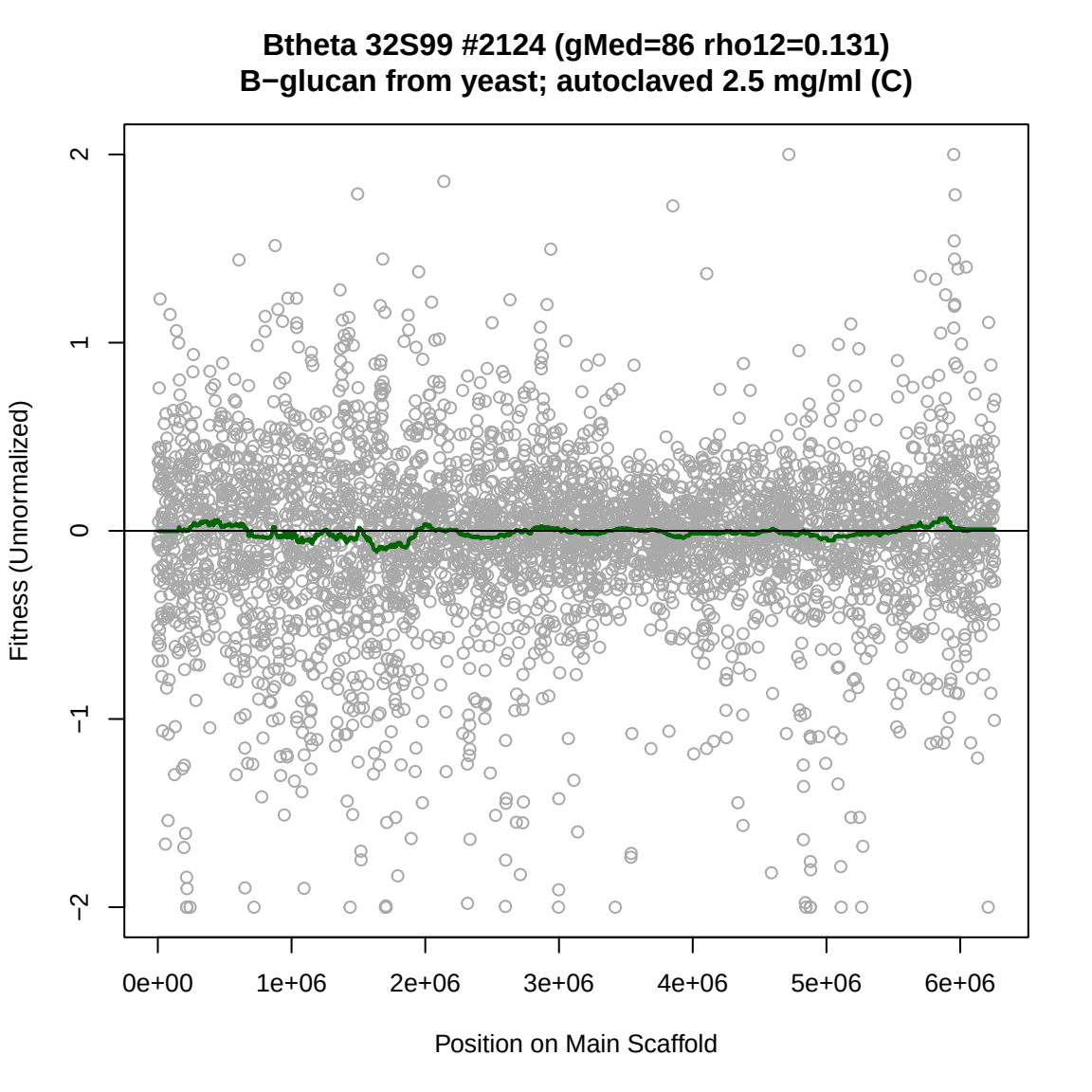

Btheta 31S94 #2119 (gMed=84 rho12=0.113)
Mucin from porcine stomach type III; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

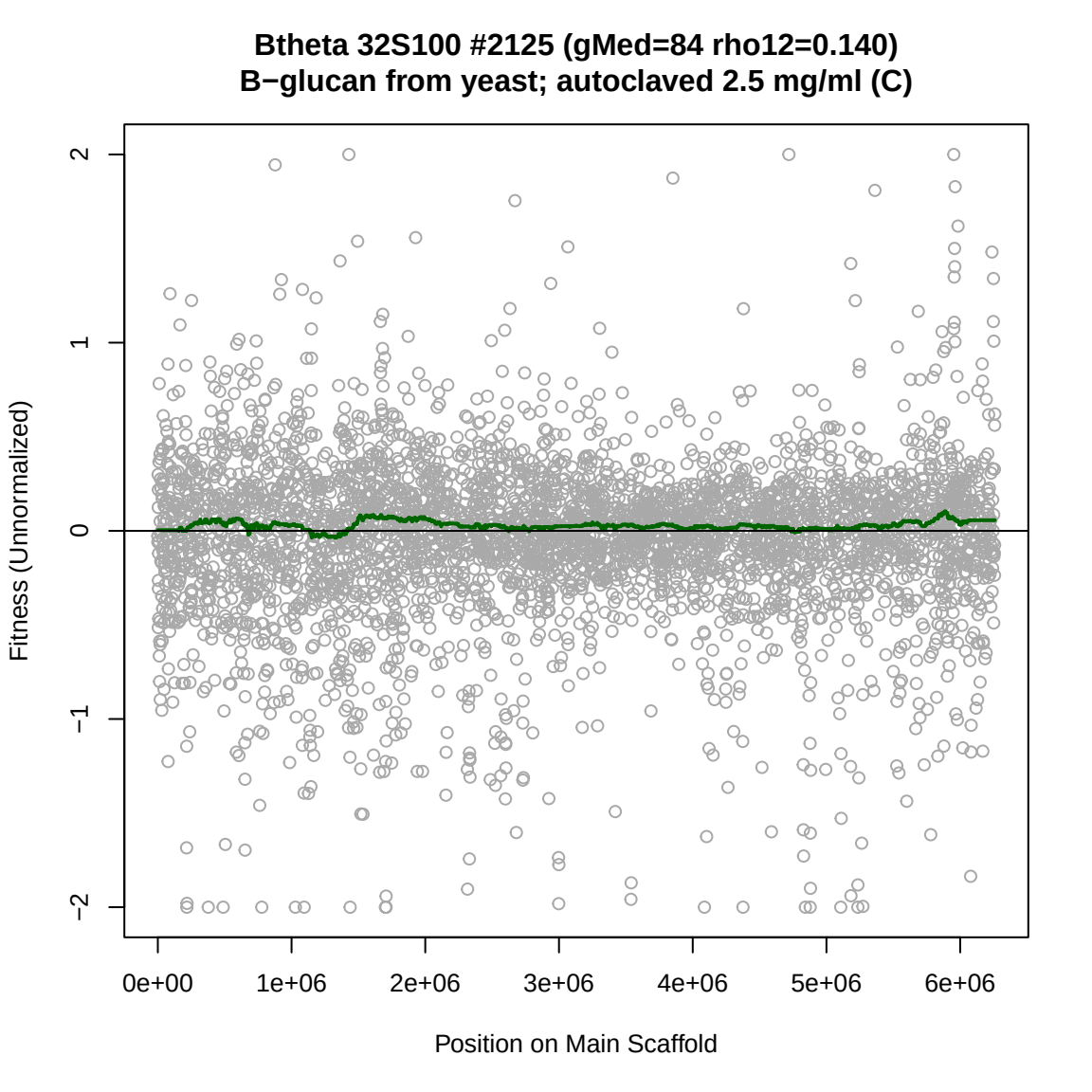

Btheta 31S95 #2120 (gMed=88 rho12=0.122)
Pectin from apple; filtered 1 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

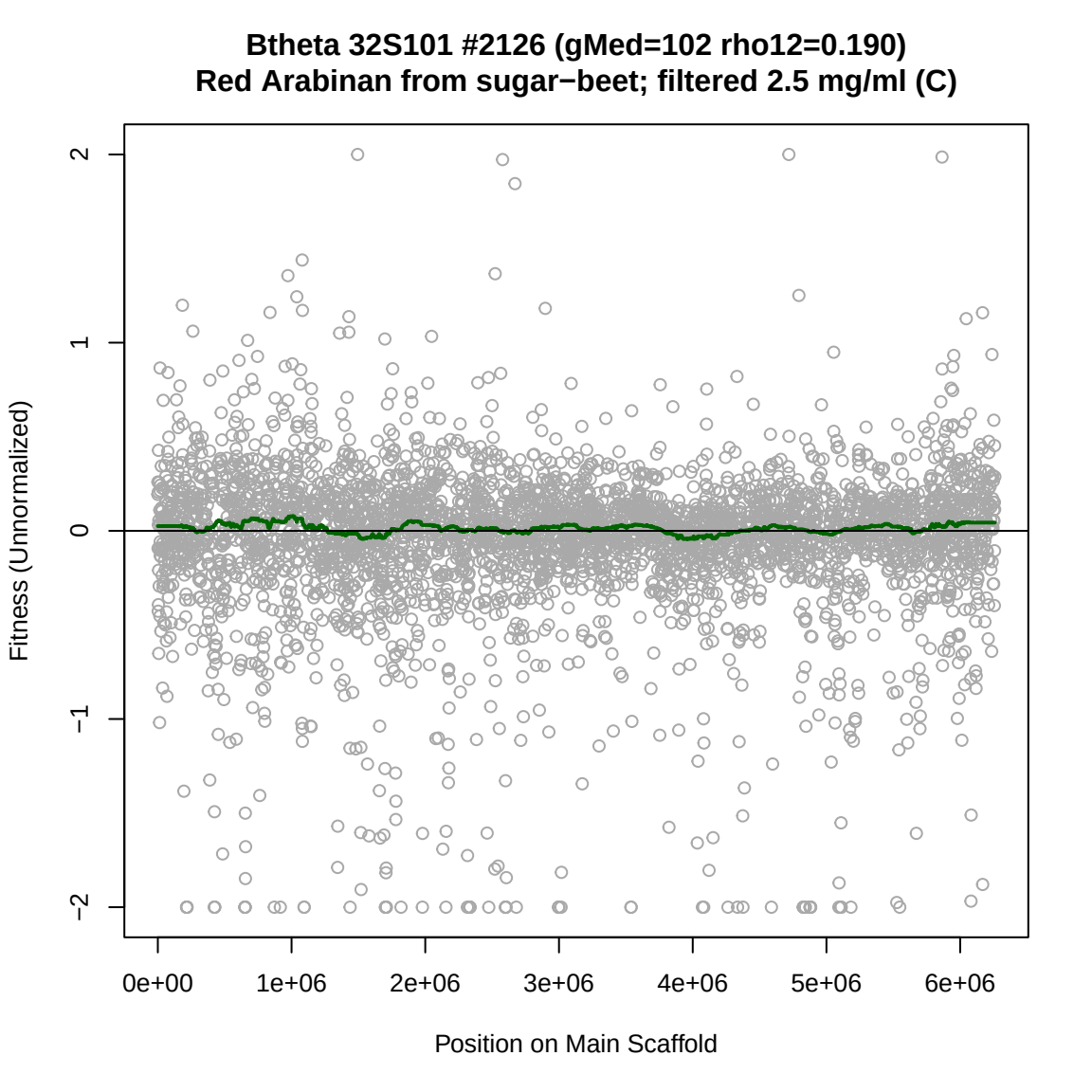

Btheta 31S96 #2121 (gMed=87 rho12=0.146)
Pectin from apple; filtered 1 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

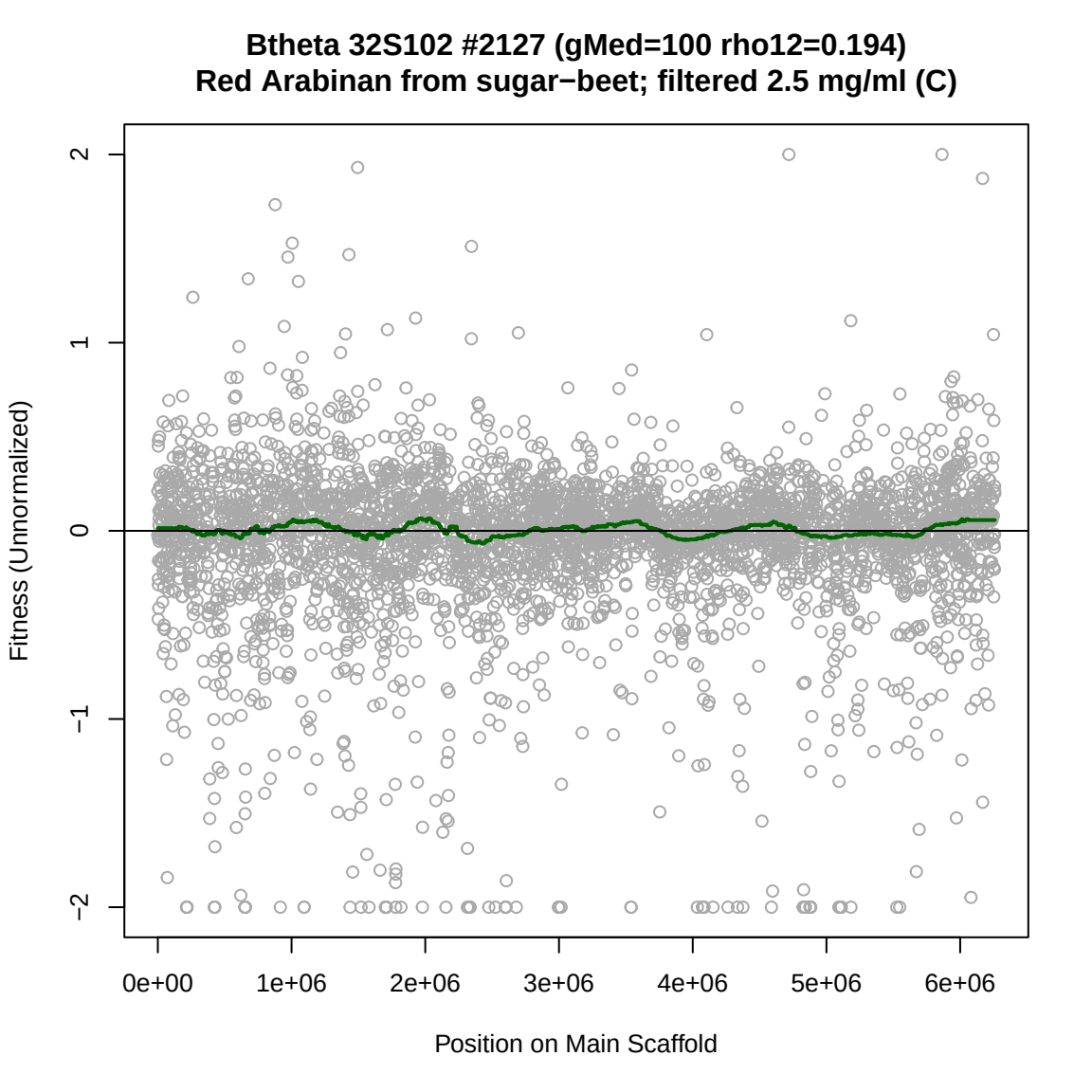

Btheta 32S97 #2122 (gMed=109 rho12=0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

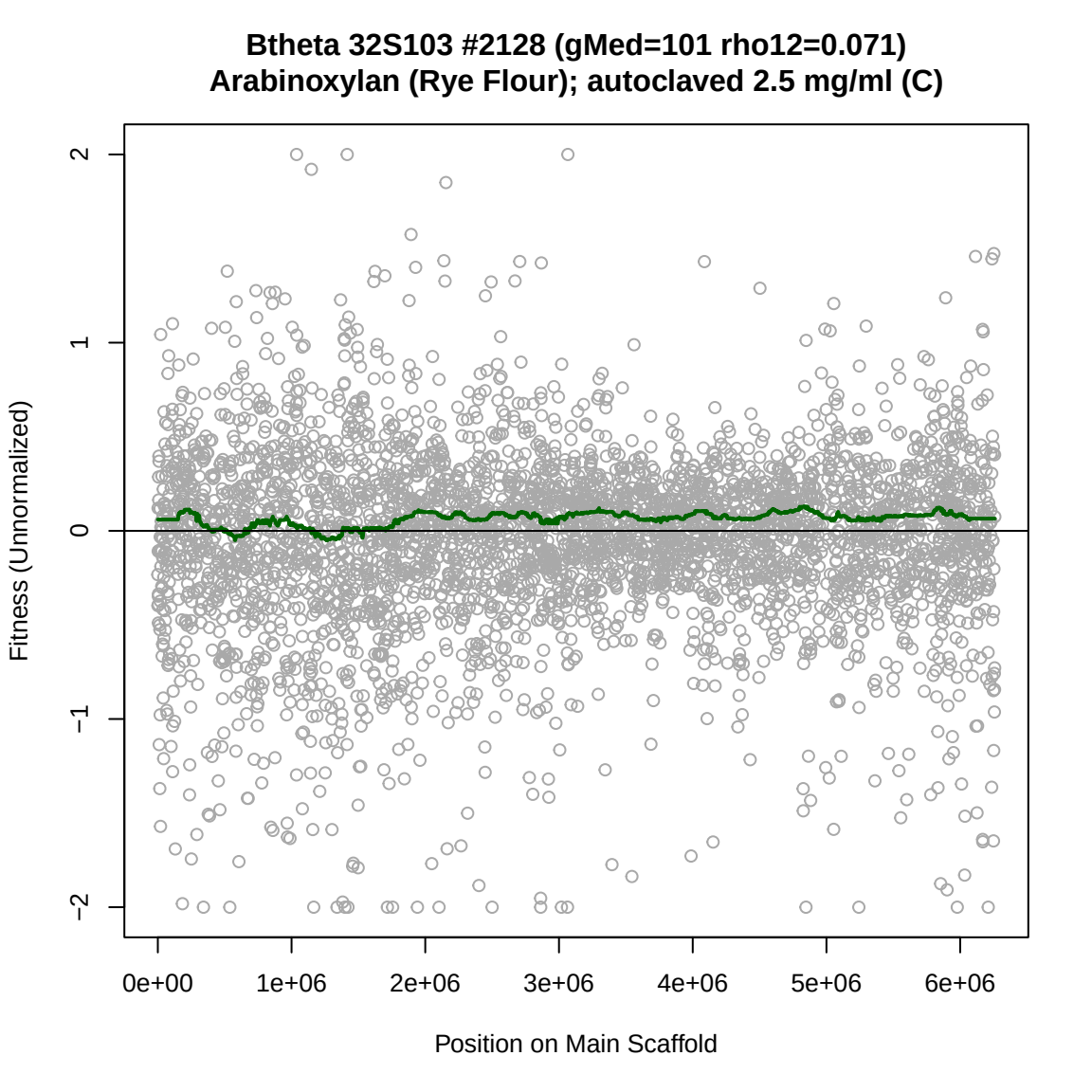

Btheta 32S98 #2123 (gMed=105 rho12=0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

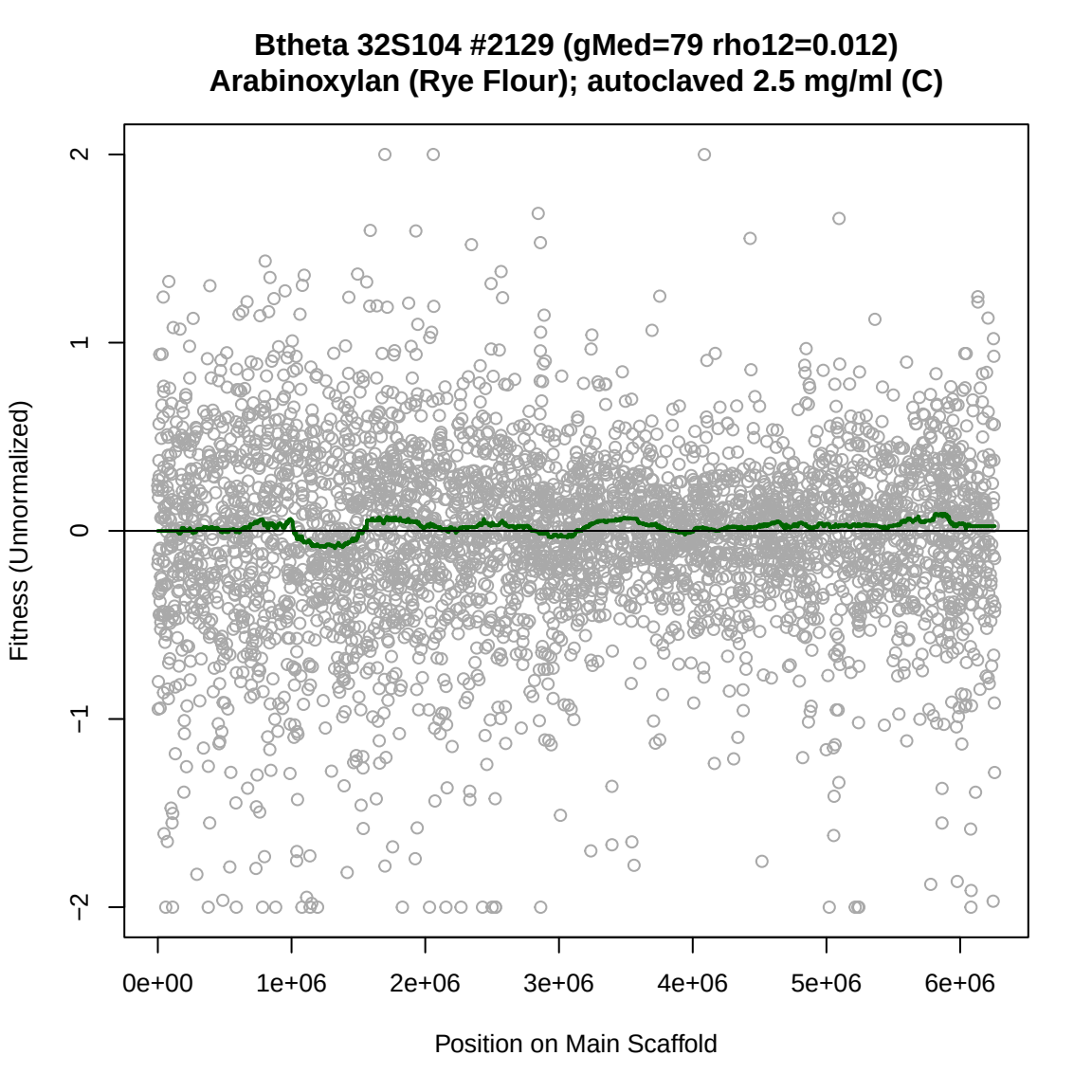

Btheta 32S99 #2124 (gMed=86 rho12=0.131)
B−glucan from yeast; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

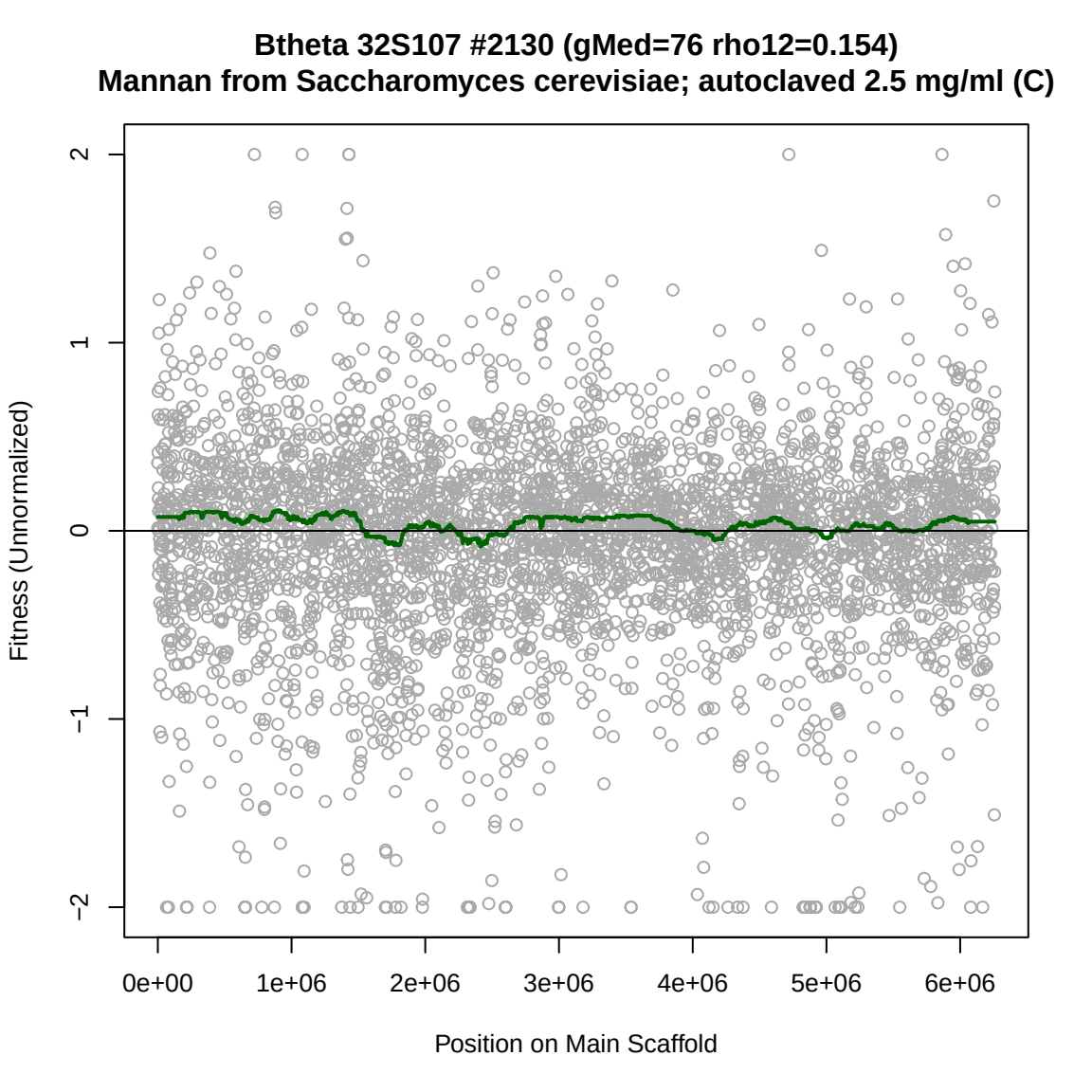

Btheta 32S100 #2125 (gMed=84 rho12=0.140)
B−glucan from yeast; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

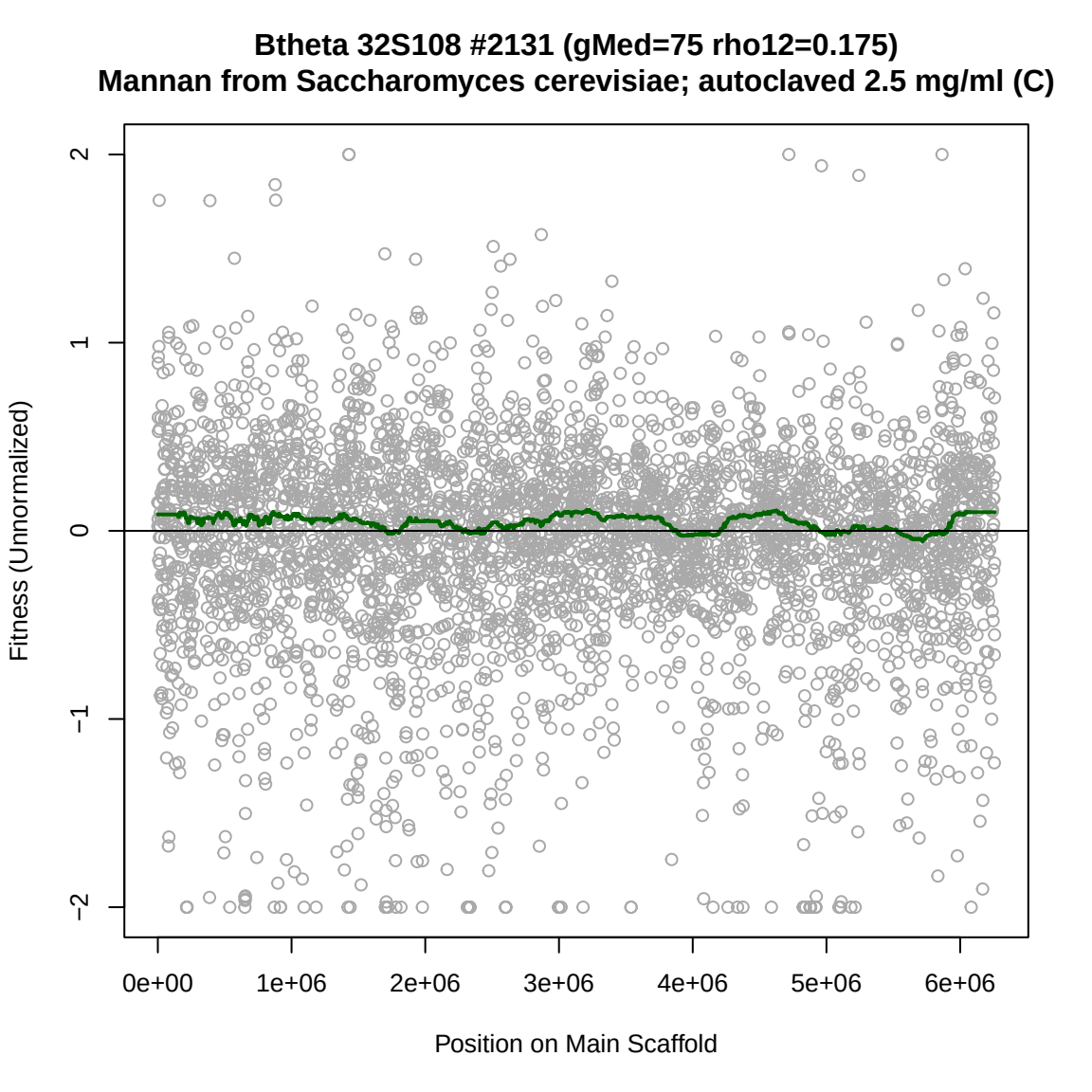

Btheta 32S101 #2126 (gMed=102 rho12=0.190)
Red Arabinan from sugar−beet; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

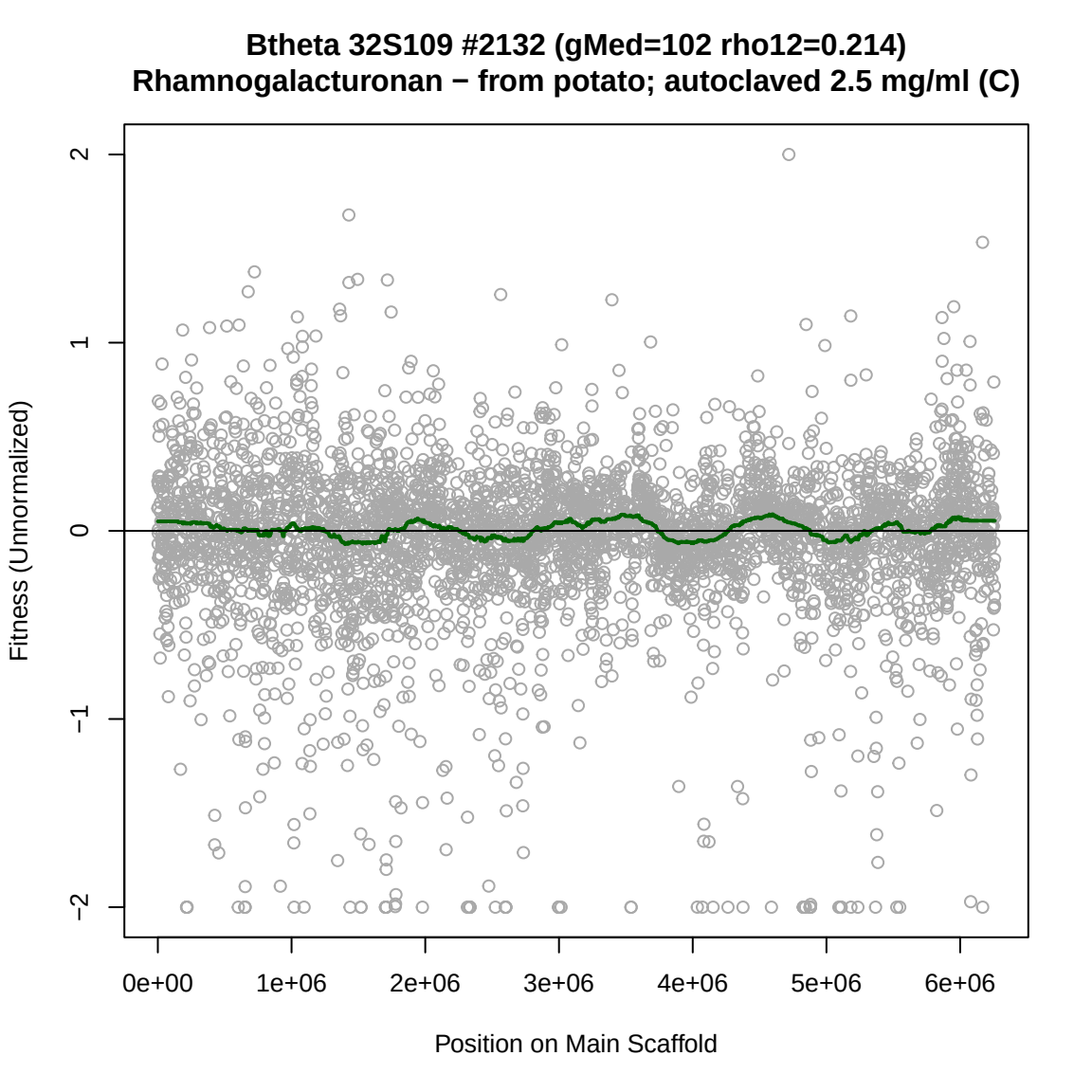

Btheta 32S102 #2127 (gMed=100 rho12=0.194)
Red Arabinan from sugar−beet; filtered 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

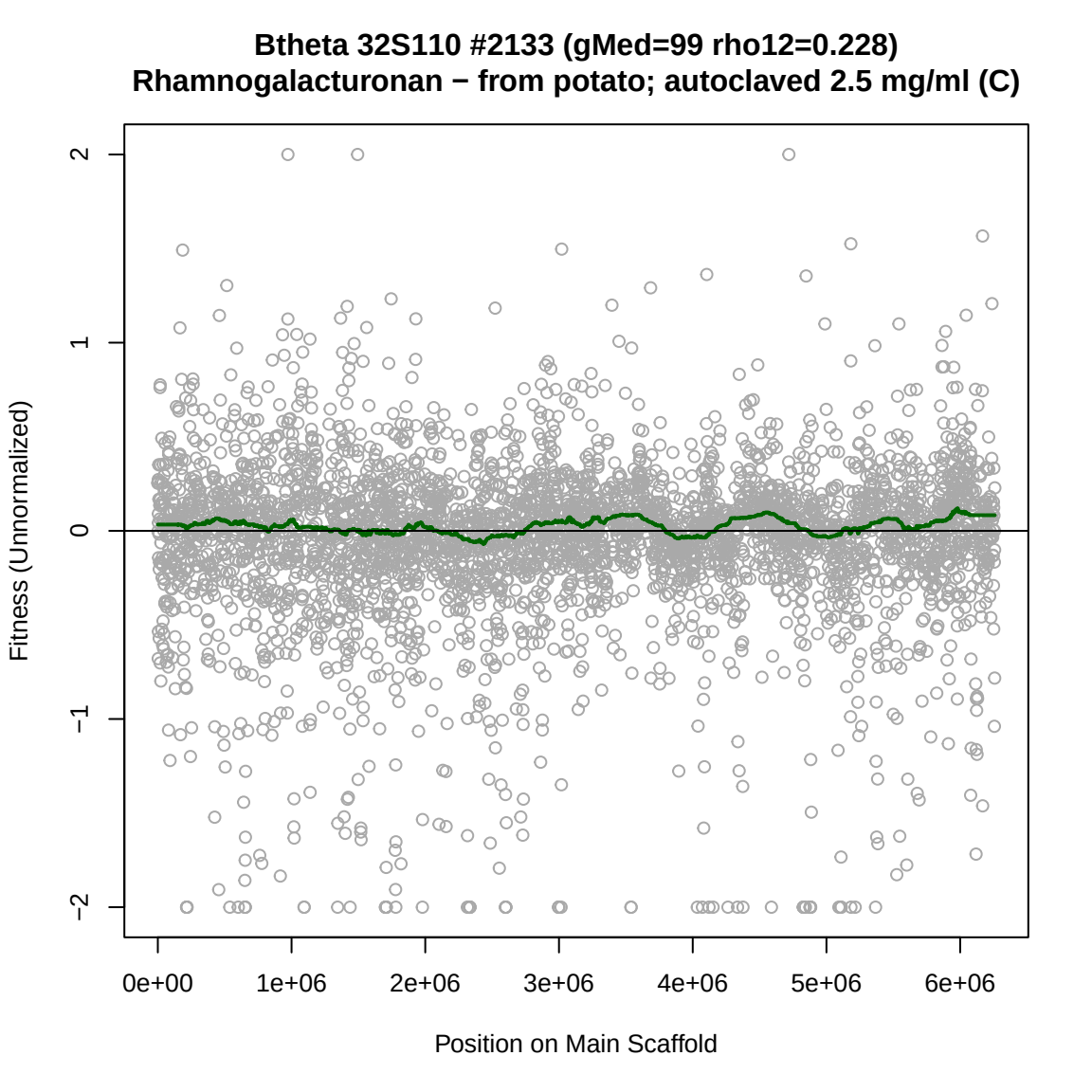

Btheta 32S103 #2128 (gMed=101 rho12=0.071)
Arabinoxylan (Rye Flour); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

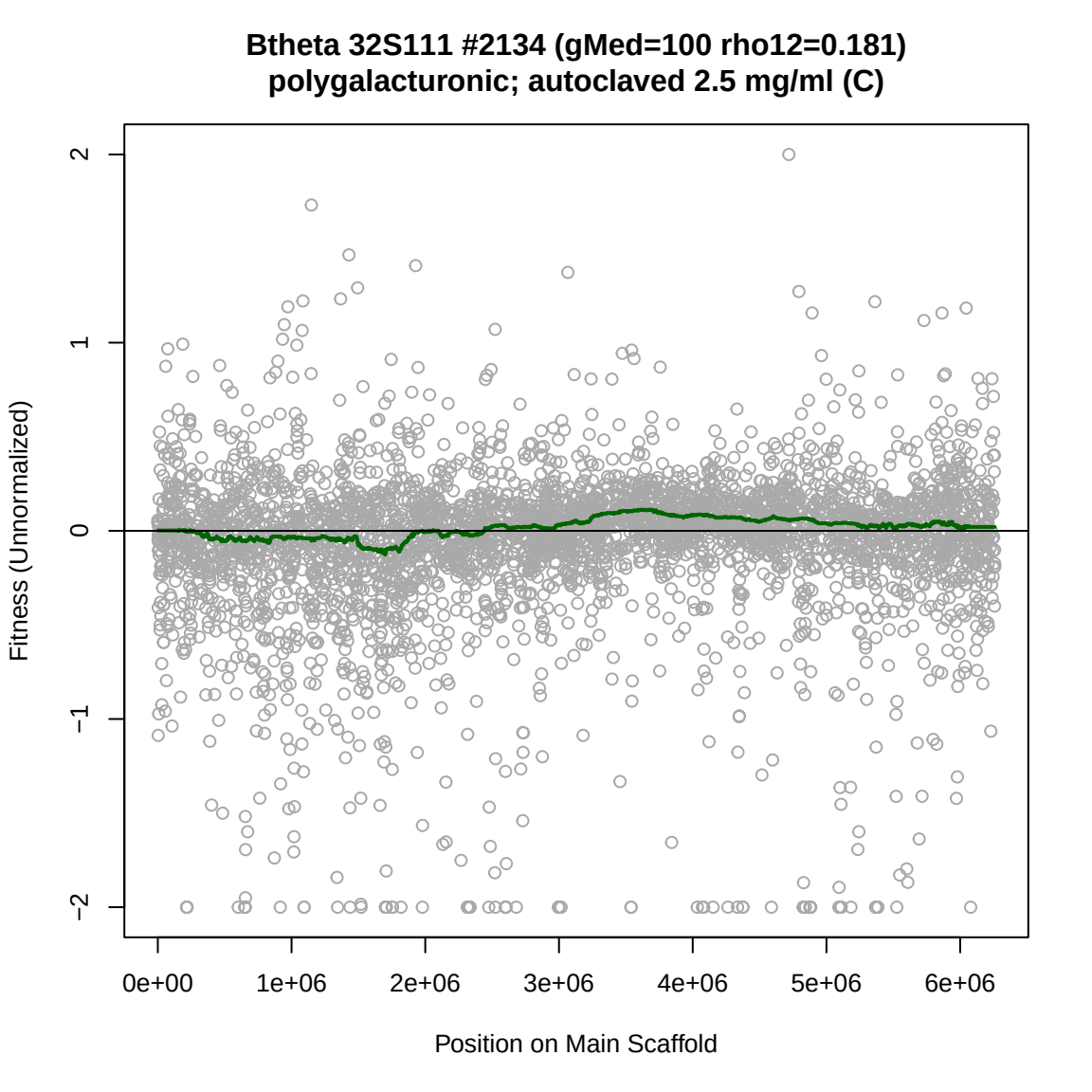

Btheta 32S104 #2129 (gMed=79 rho12=0.012)
Arabinoxylan (Rye Flour); autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

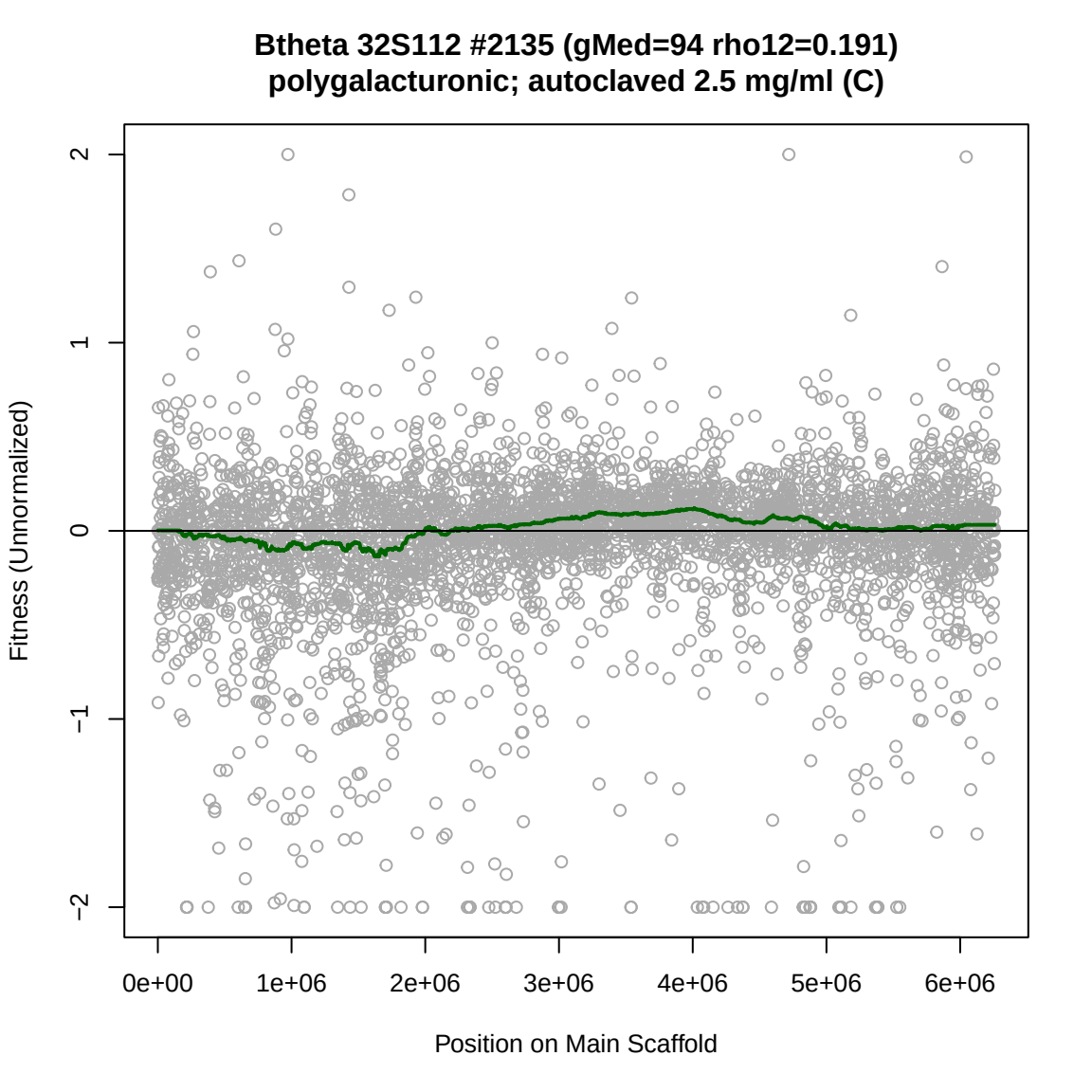

Btheta 32S107 #2130 (gMed=76 rho12=0.154)
Mannan from Saccharomyces cerevisiae; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

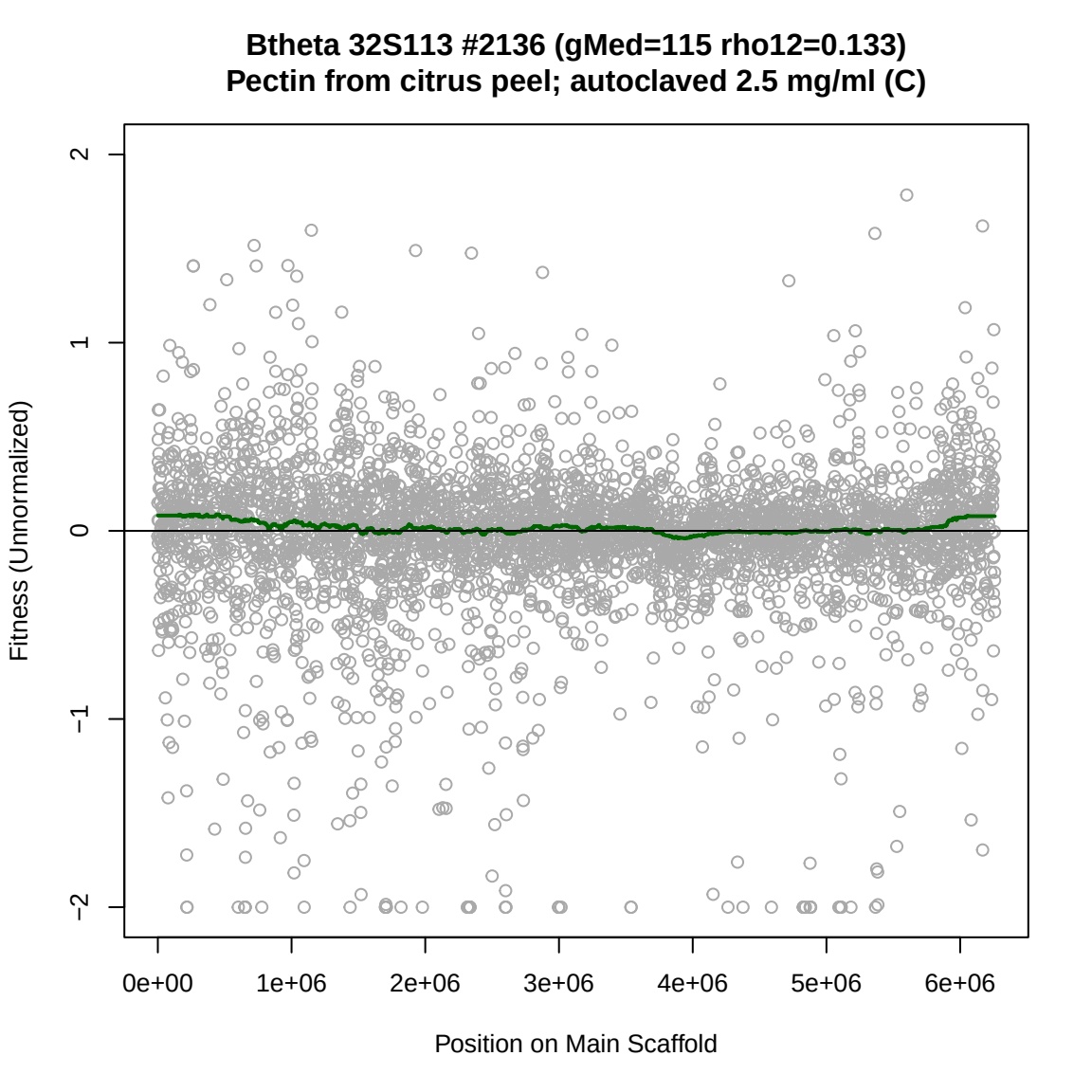

Btheta 32S108 #2131 (gMed=75 rho12=0.175)
Mannan from Saccharomyces cerevisiae; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

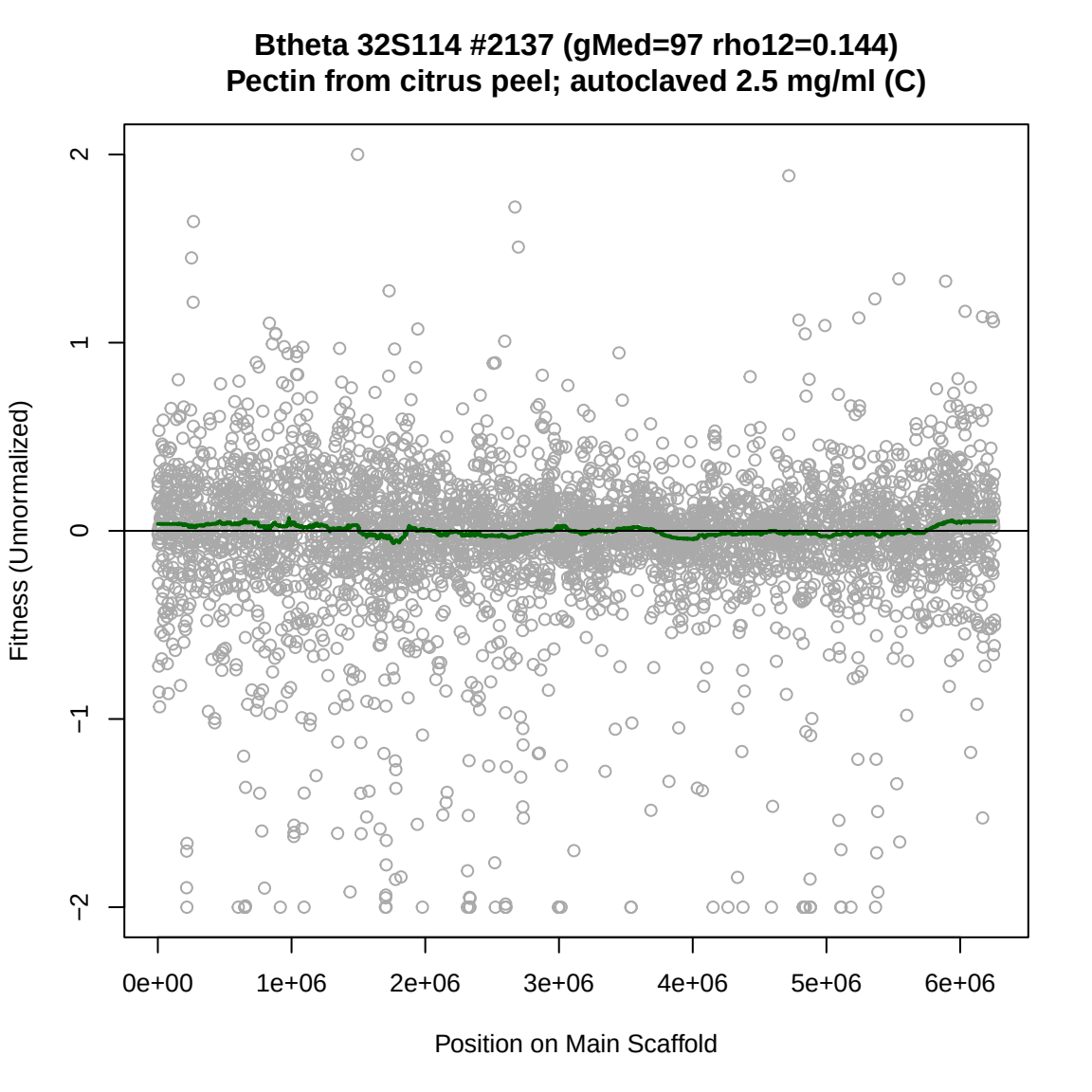

Btheta 32S109 #2132 (gMed=102 rho12=0.214)
Rhamnogalacturonan − from potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

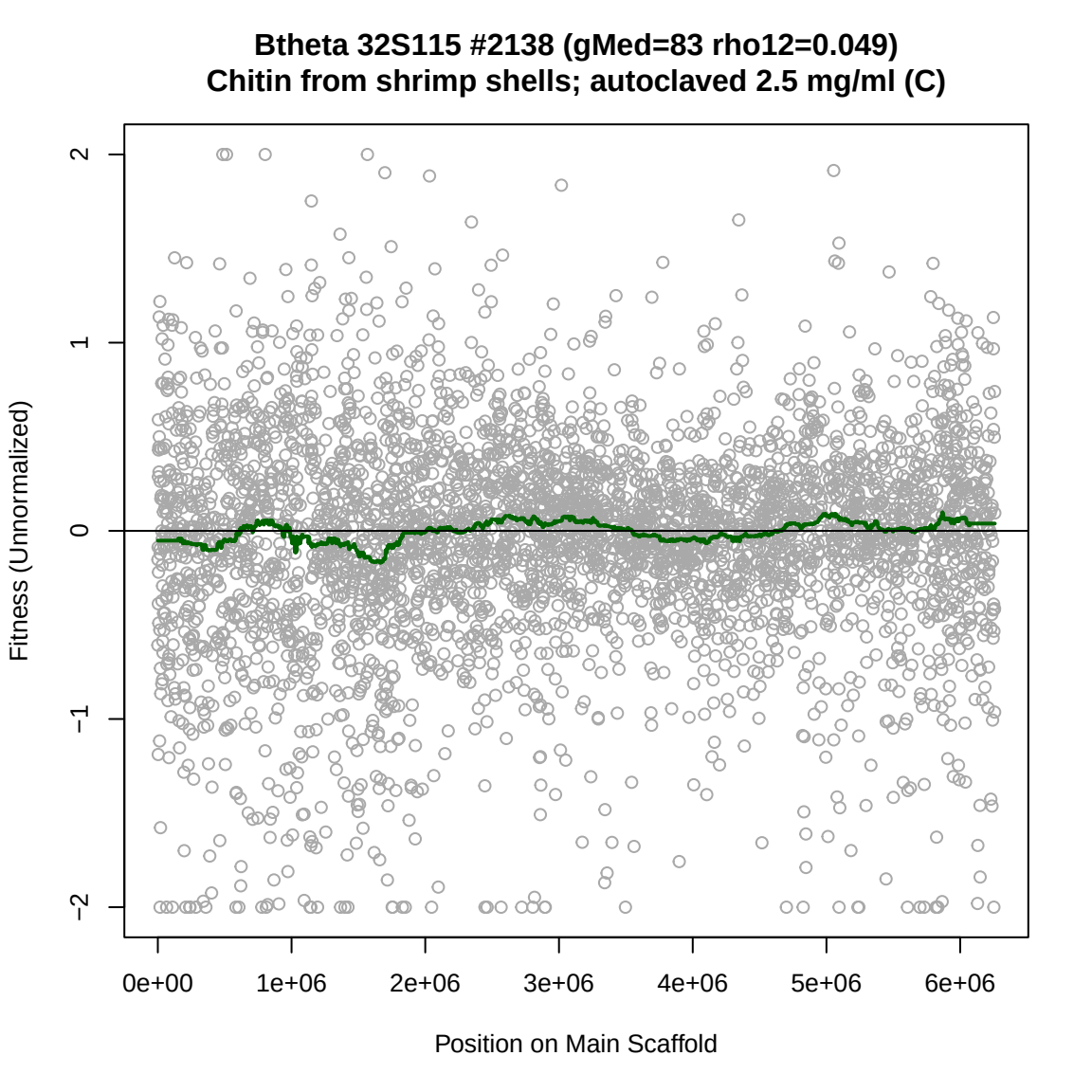

Btheta 32S110 #2133 (gMed=99 rho12=0.228)
Rhamnogalacturonan − from potato; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

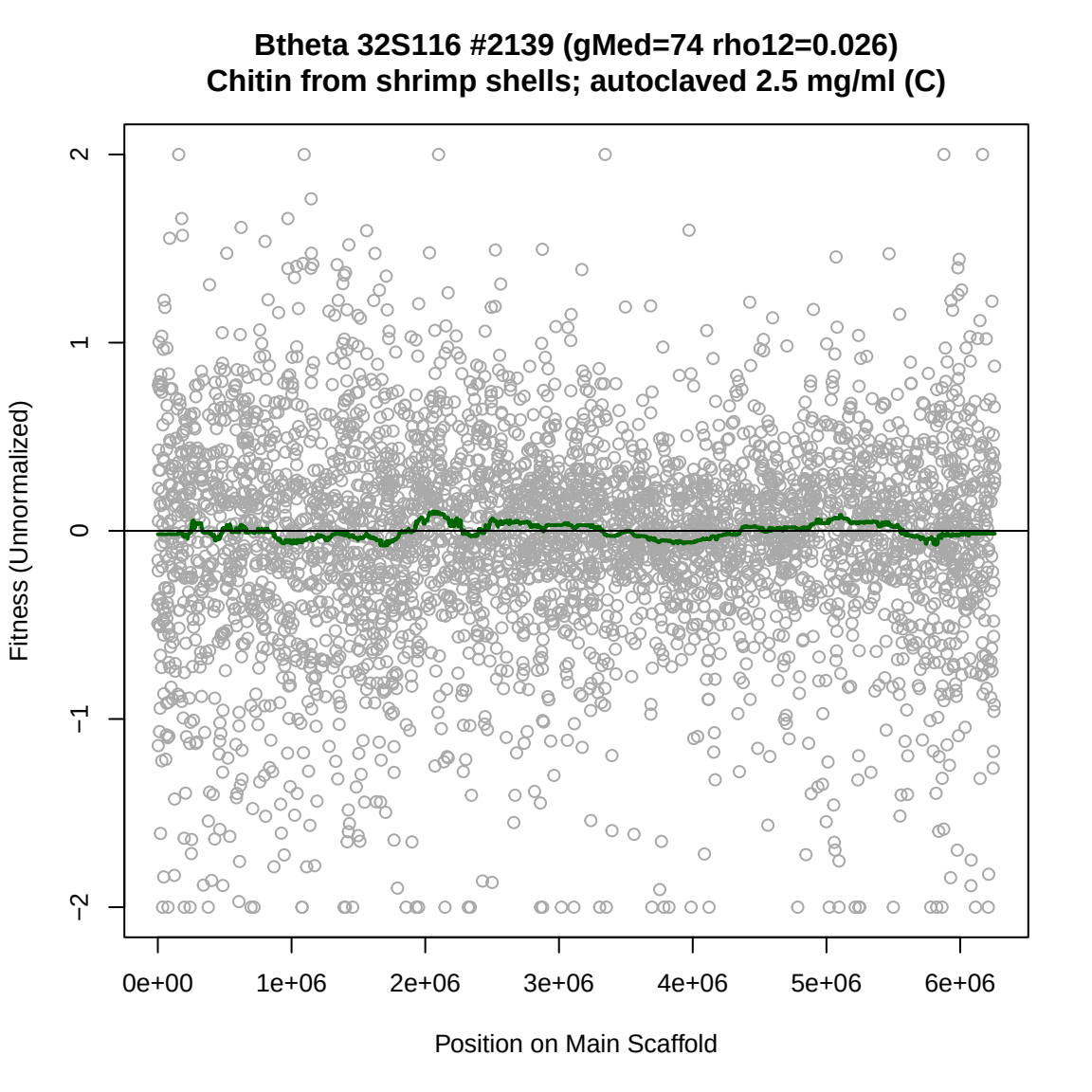

Btheta 32S111 #2134 (gMed=100 rho12=0.181)
polygalacturonic; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

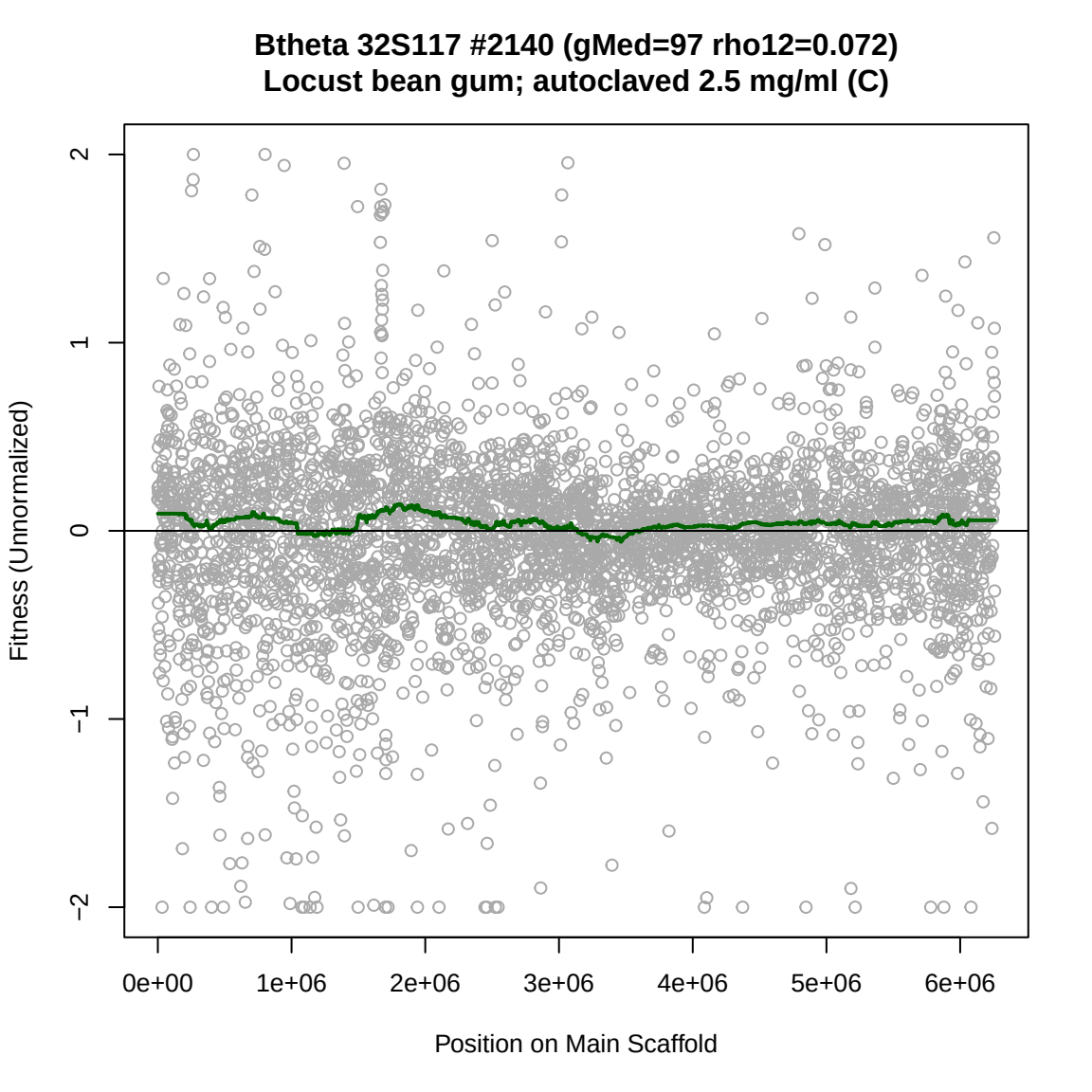

Btheta 32S112 #2135 (gMed=94 rho12=0.191)
polygalacturonic; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

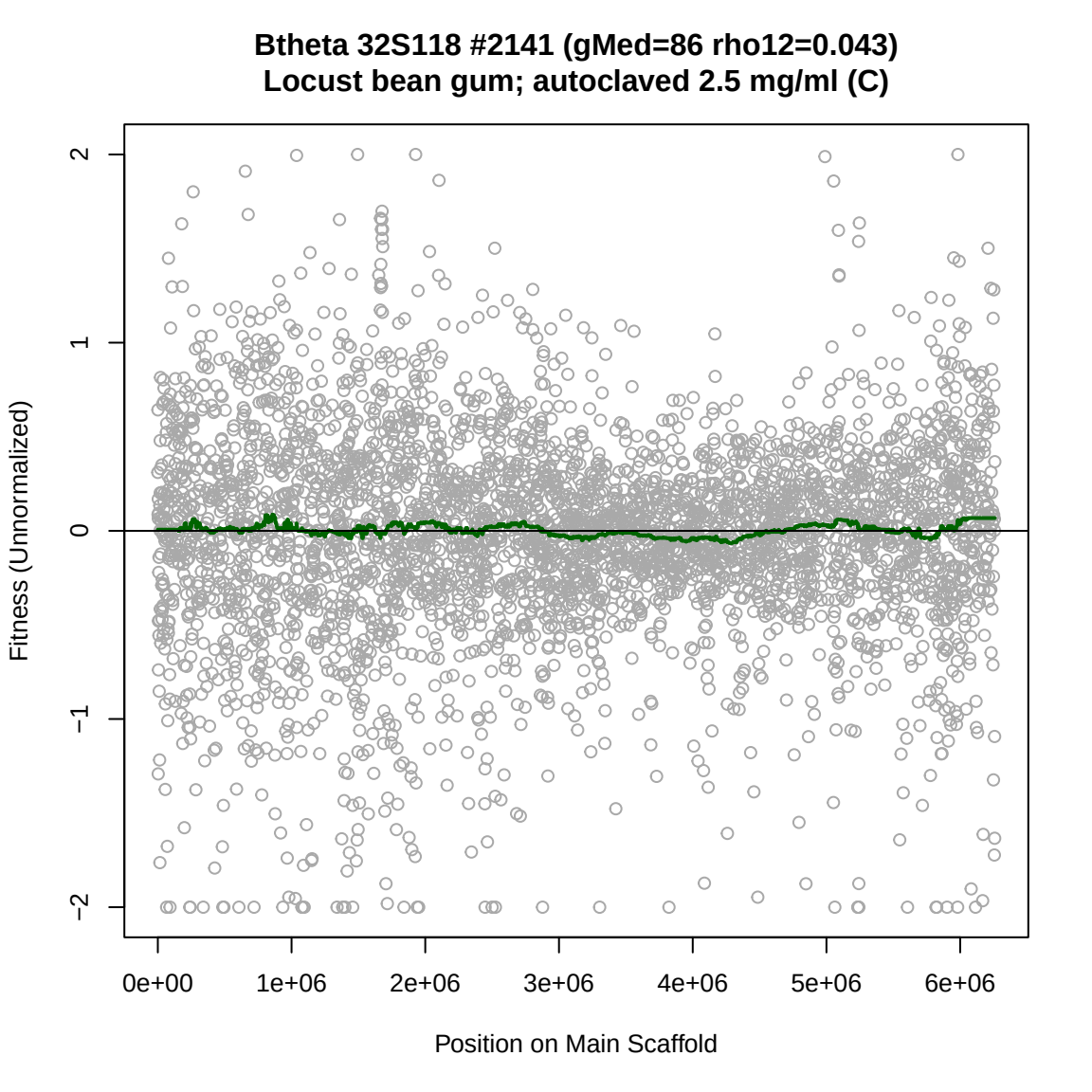

Btheta 32S113 #2136 (gMed=115 rho12=0.133)
Pectin from citrus peel; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

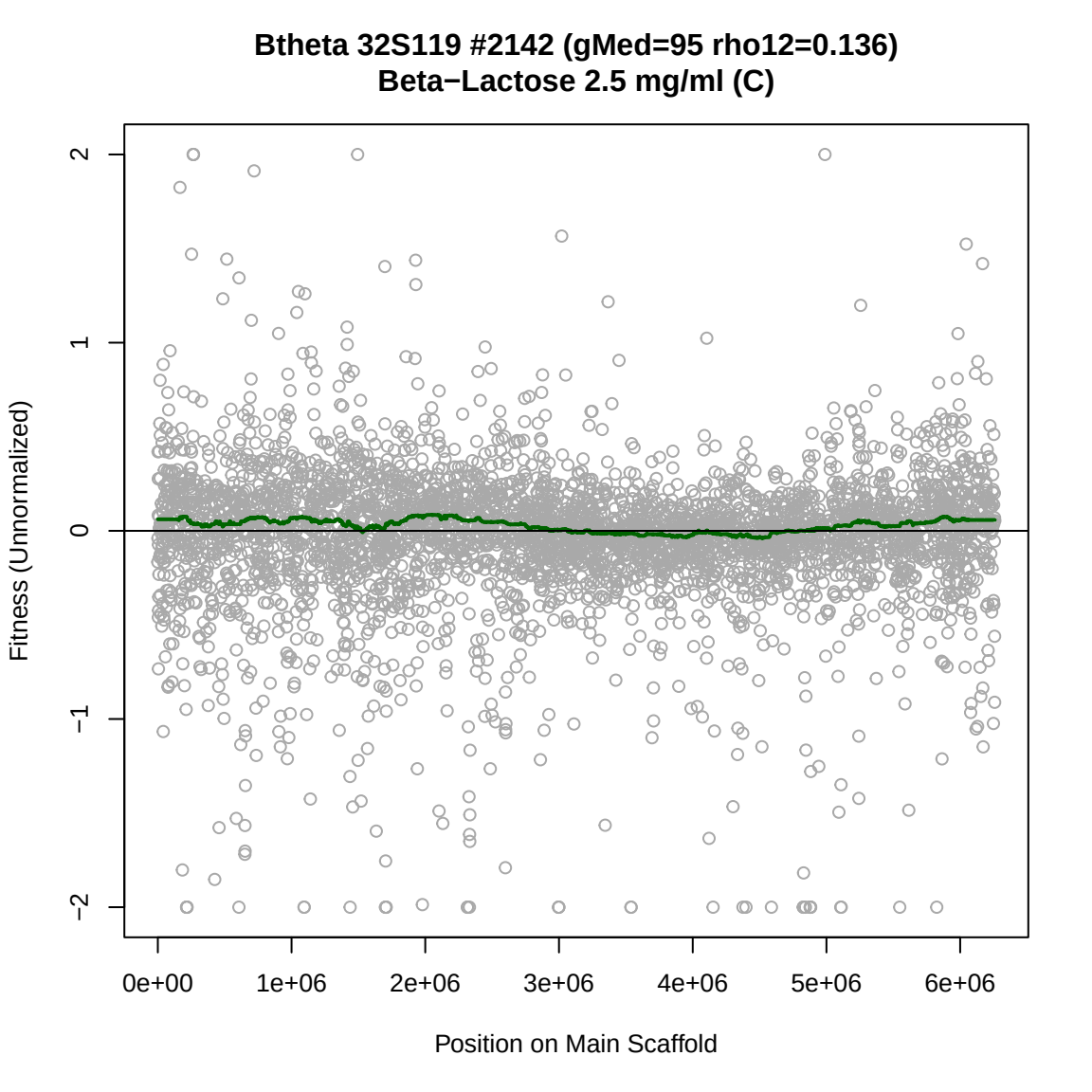

Btheta 32S114 #2137 (gMed=97 rho12=0.144)
Pectin from citrus peel; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

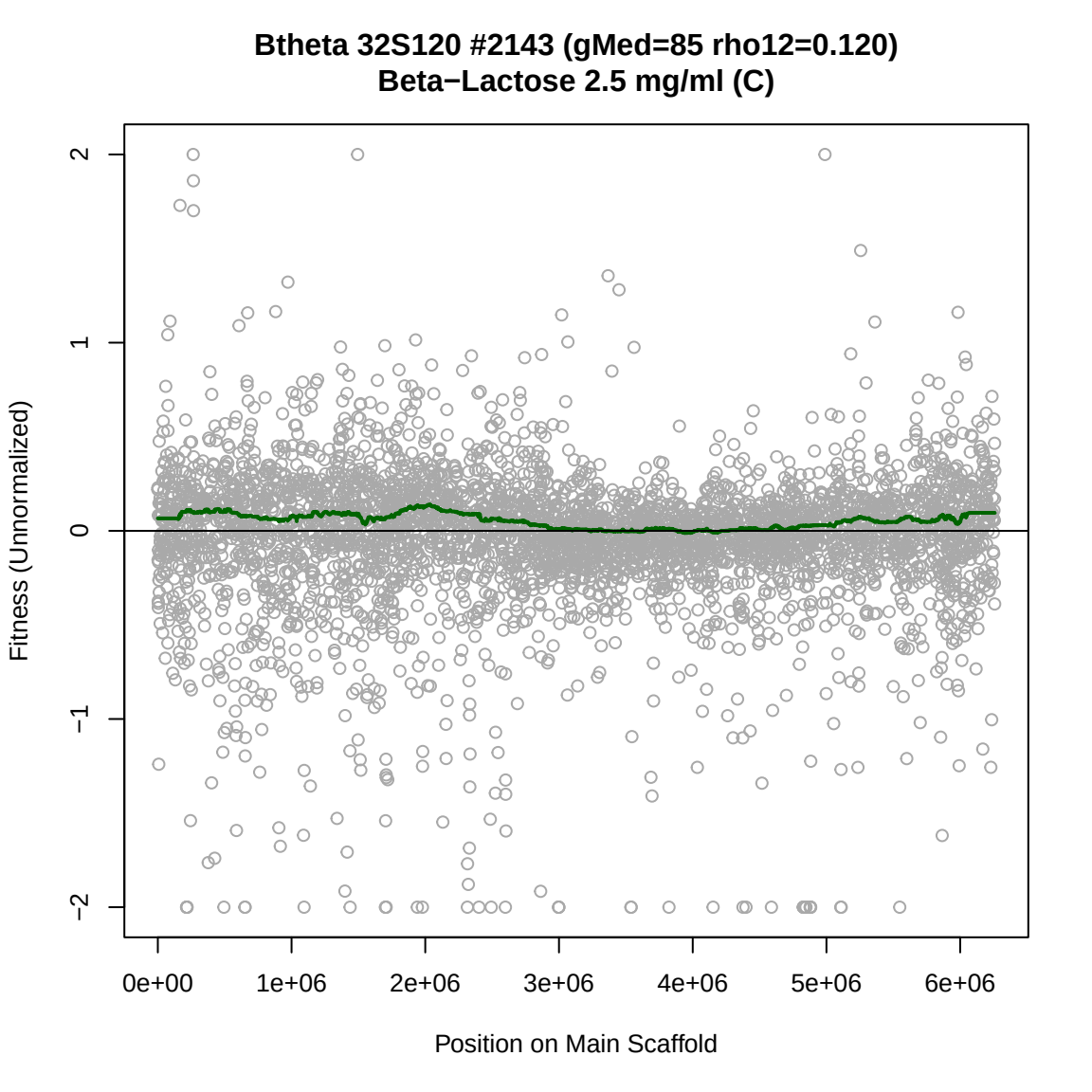

Btheta 32S115 #2138 (gMed=83 rho12=0.049)
Chitin from shrimp shells; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

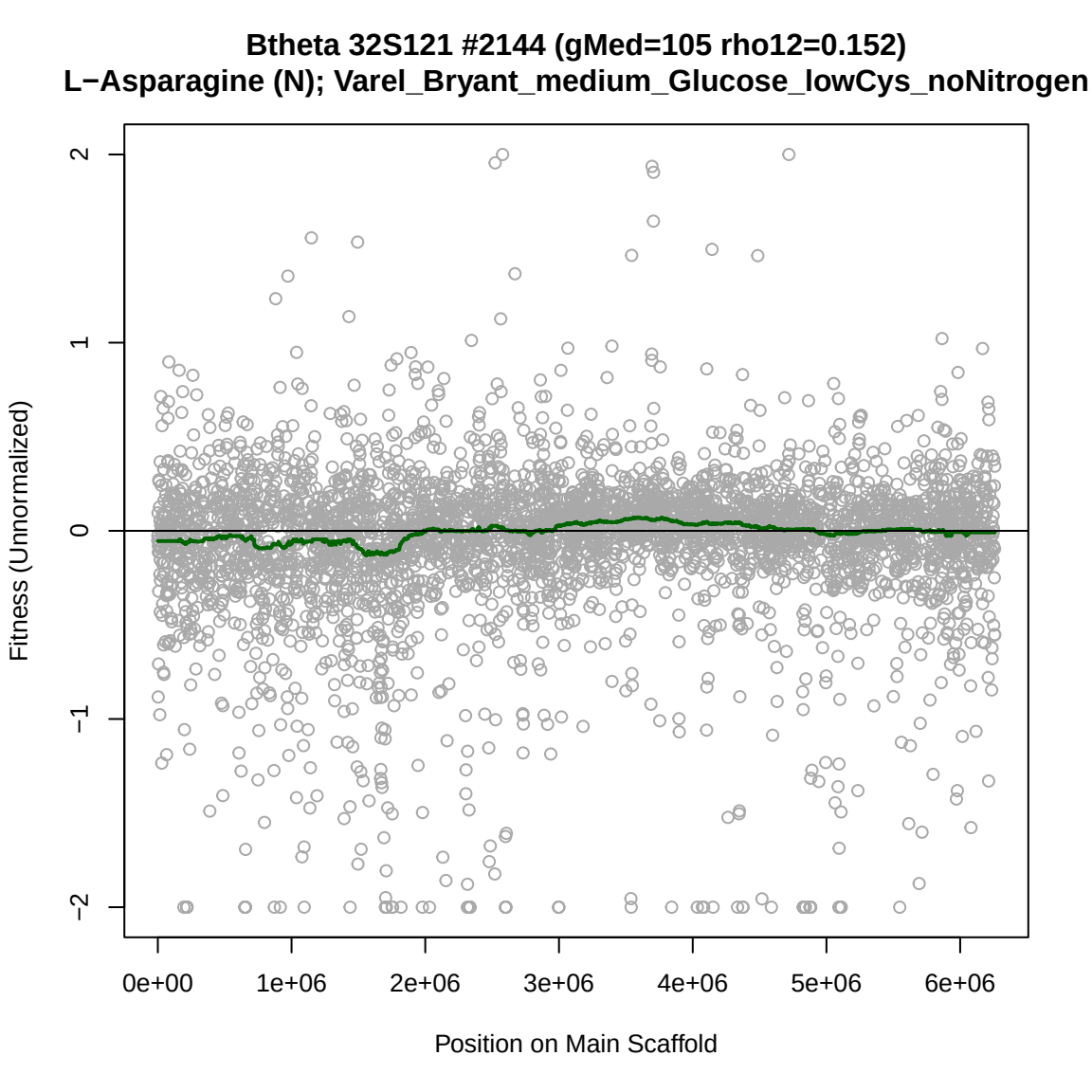

Btheta 32S116 #2139 (gMed=74 rho12=0.026)
Chitin from shrimp shells; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

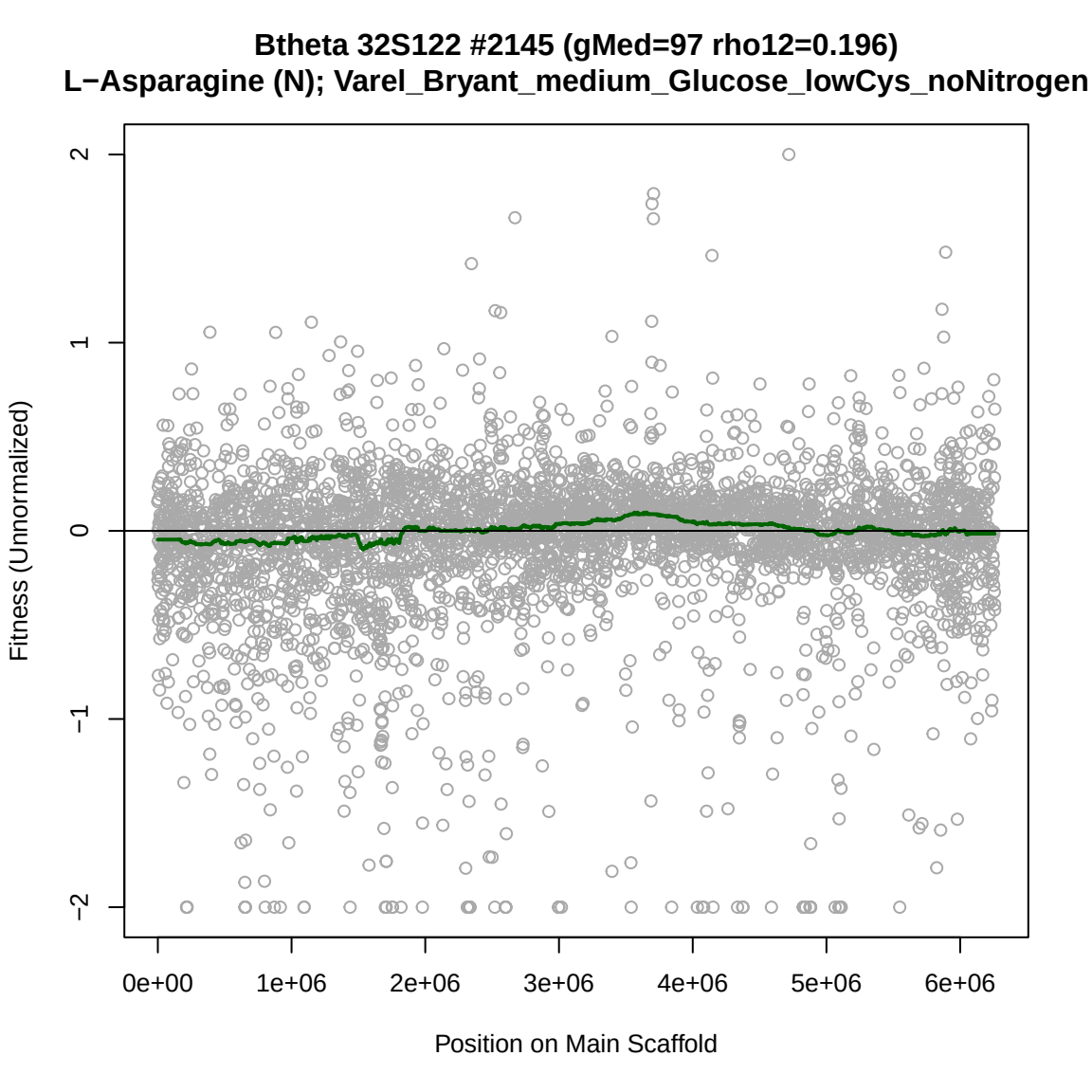

Btheta 32S117 #2140 (gMed=97 rho12=0.072)
Locust bean gum; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

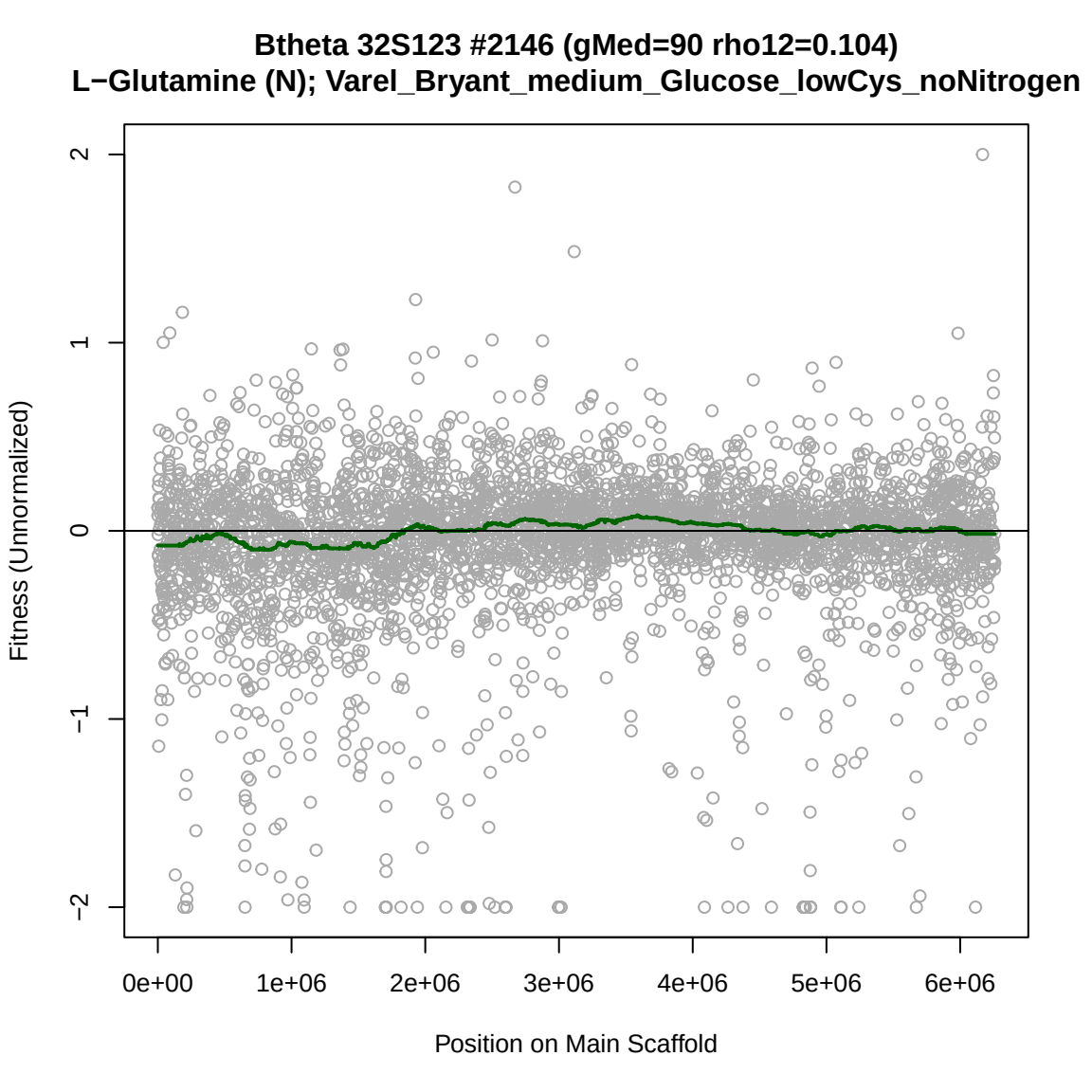

Btheta 32S118 #2141 (gMed=86 rho12=0.043)
Locust bean gum; autoclaved 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

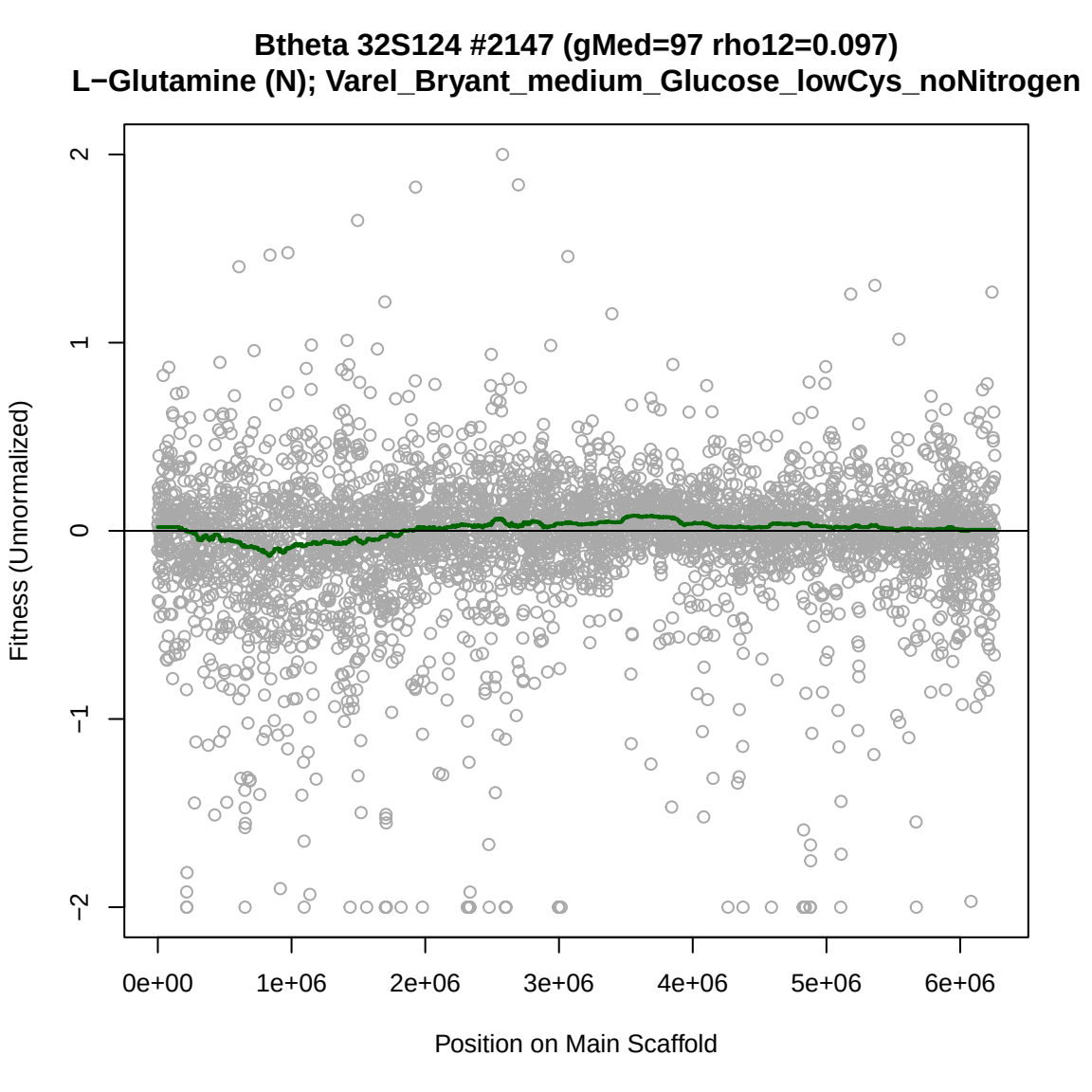

Btheta 32S119 #2142 (gMed=95 rho12=0.136)
Beta−Lactose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

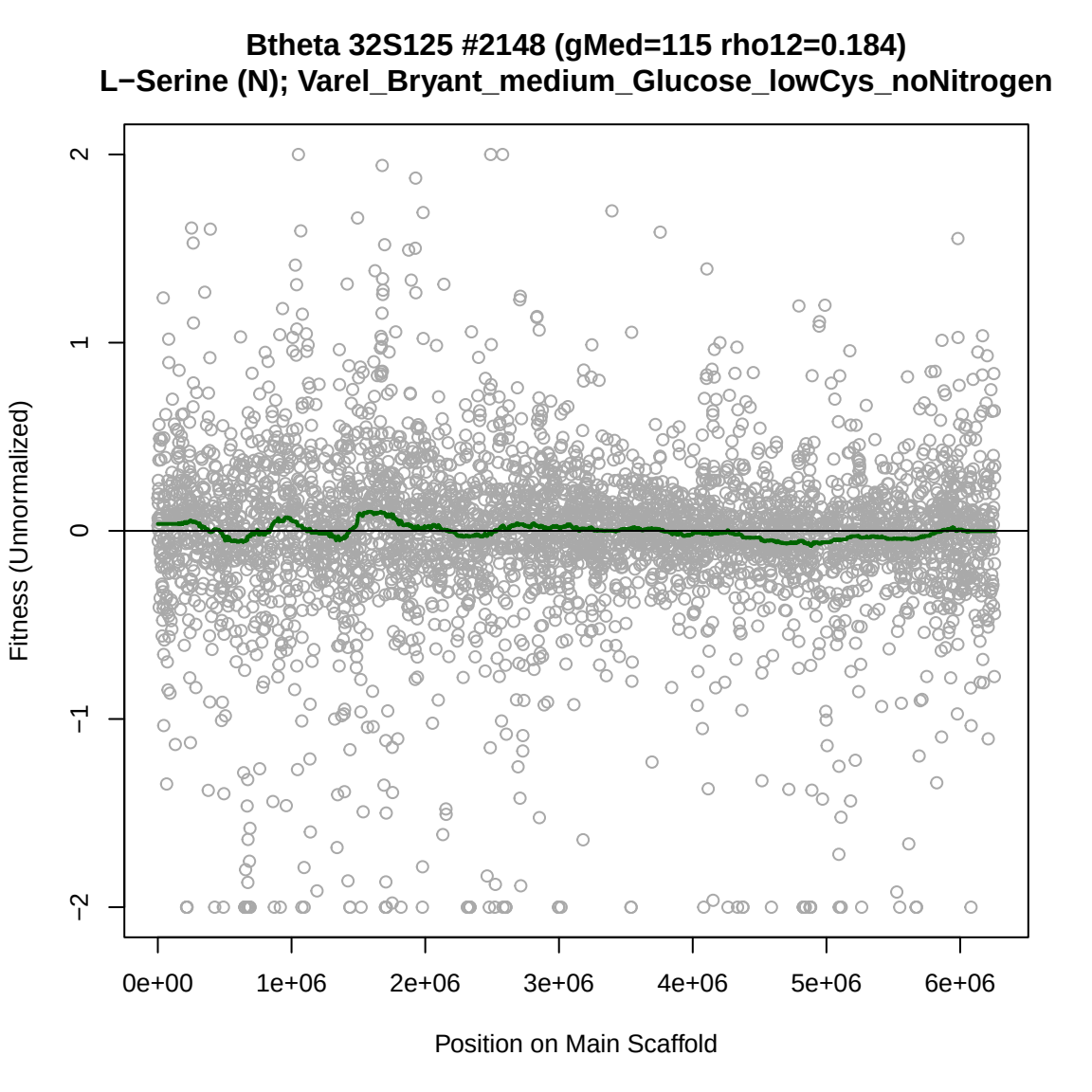

Btheta 32S120 #2143 (gMed=85 rho12=0.120)
Beta−Lactose 2.5 mg/ml (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

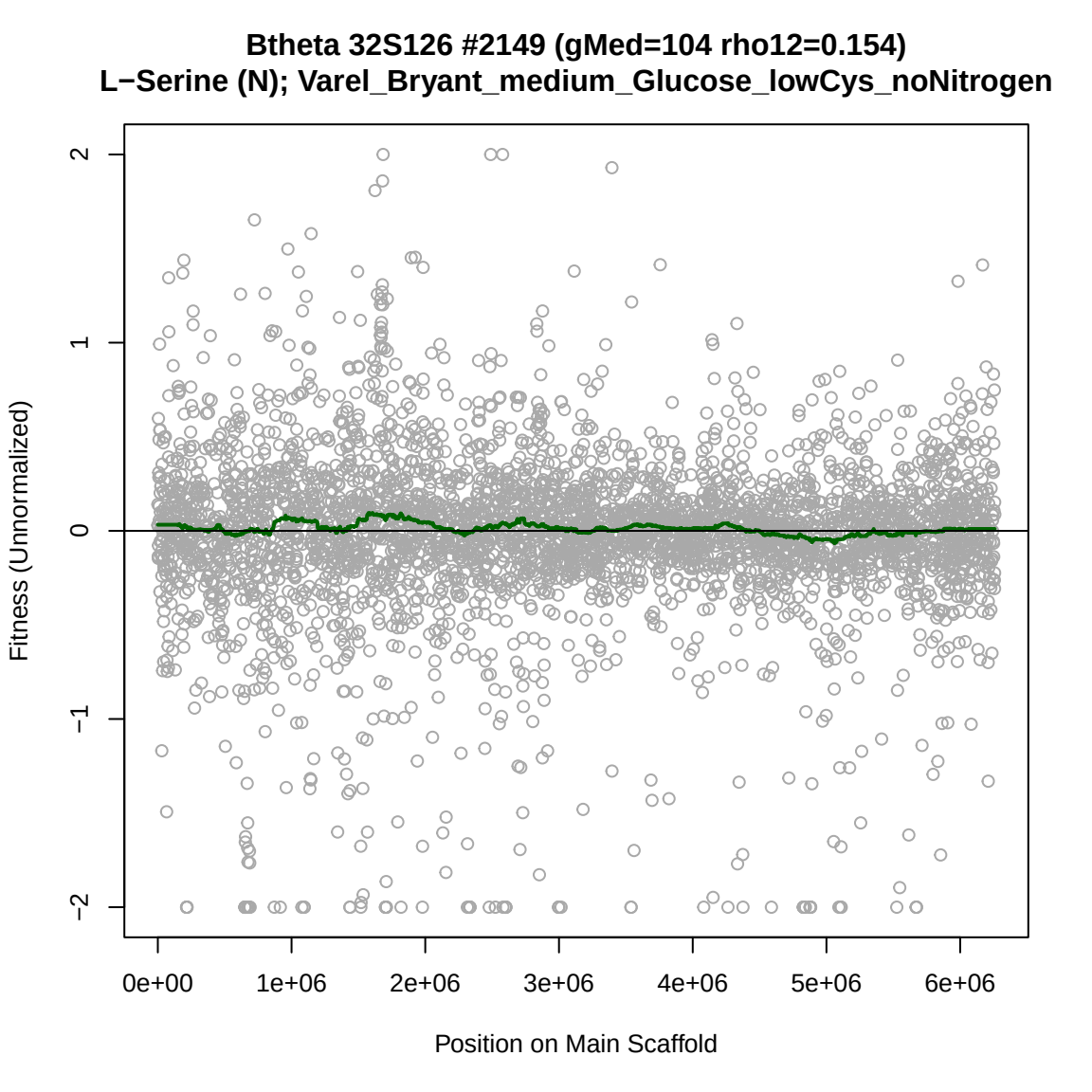

Btheta 32S121 #2144 (gMed=105 rho12=0.152)
L−Asparagine (N); Varel_Bryant_medium_Glucose_lowCys_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

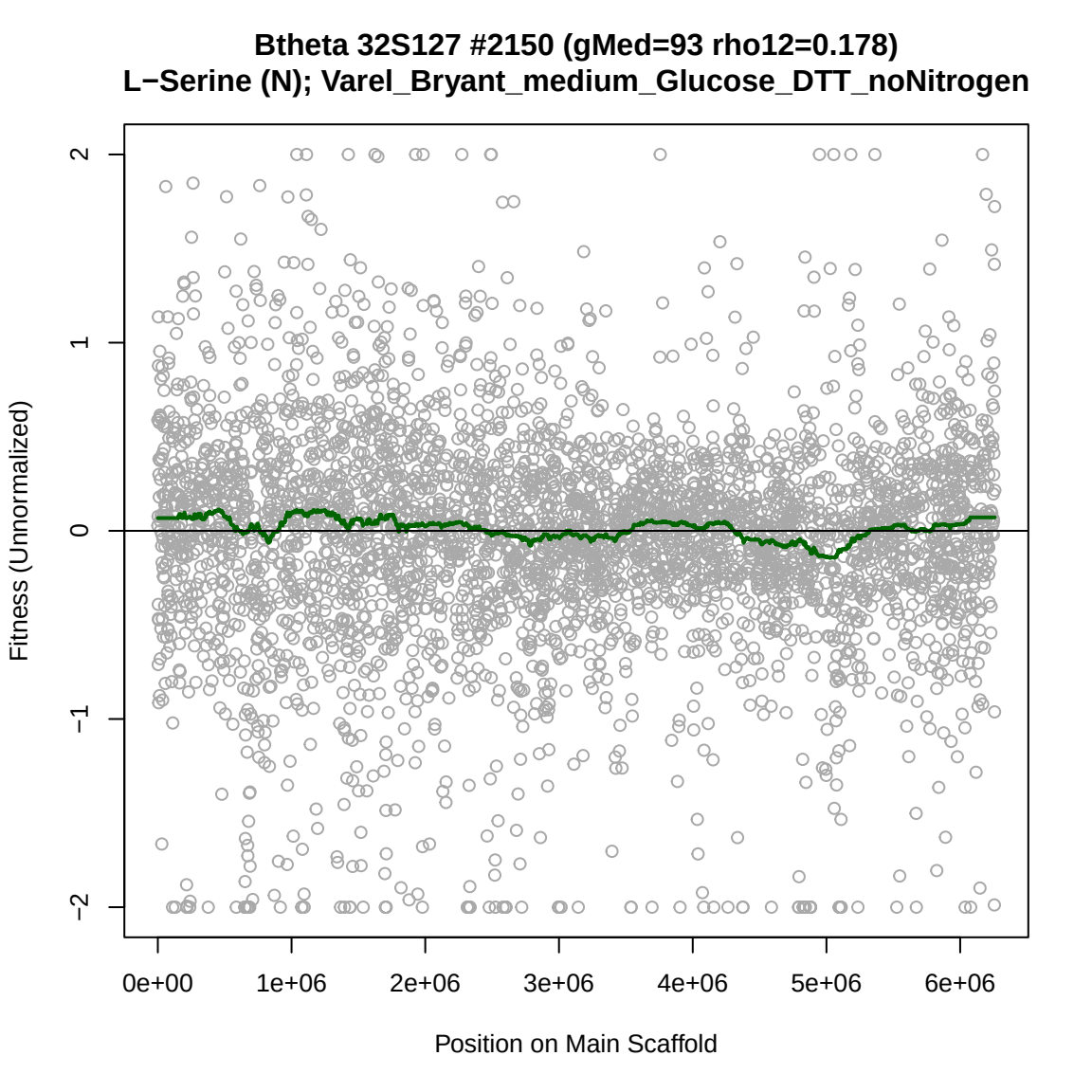

Btheta 32S122 #2145 (gMed=97 rho12=0.196)
L−Asparagine (N); Varel_Bryant_medium_Glucose_lowCys_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

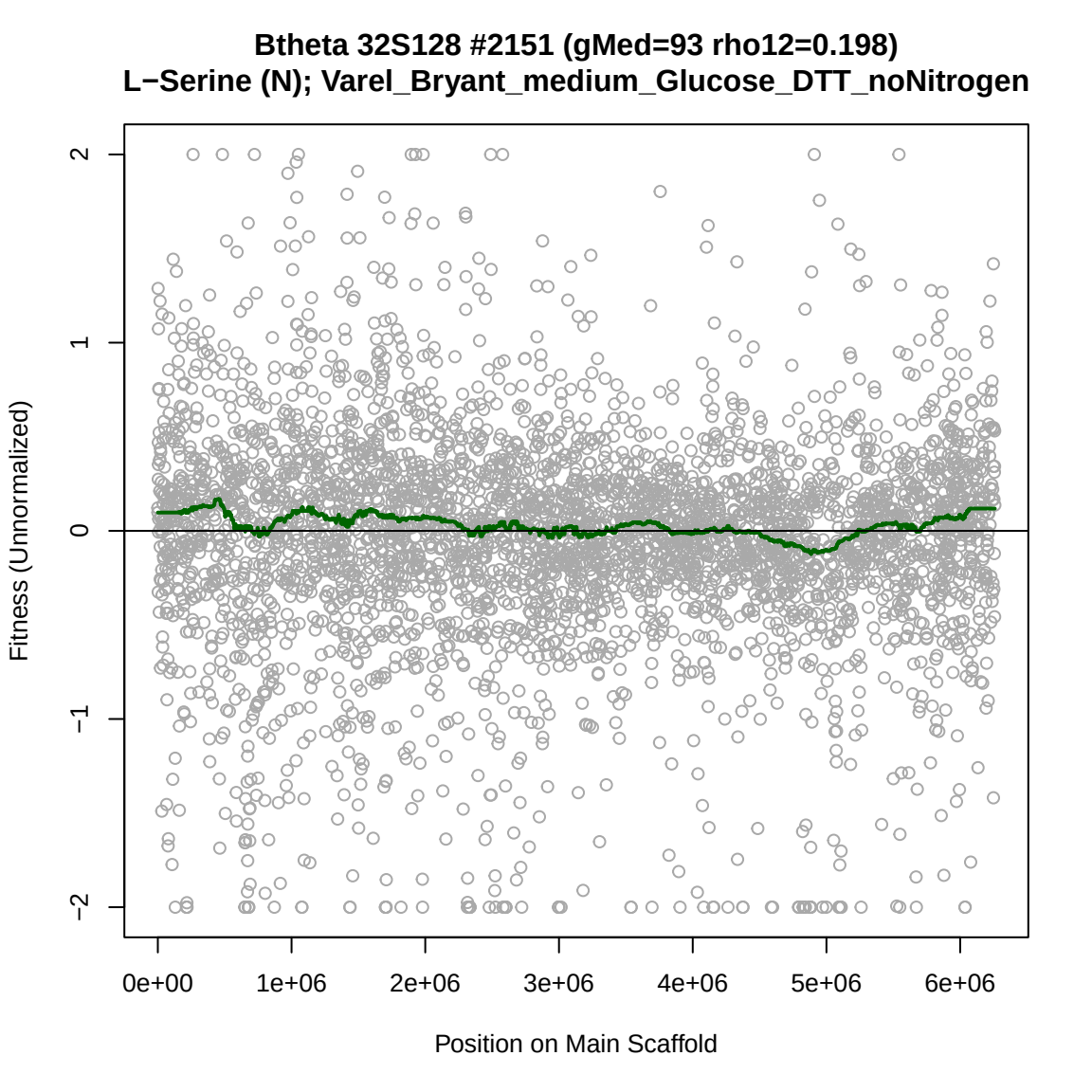

Btheta 32S123 #2146 (gMed=90 rho12=0.104)
L−Glutamine (N); Varel_Bryant_medium_Glucose_lowCys_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

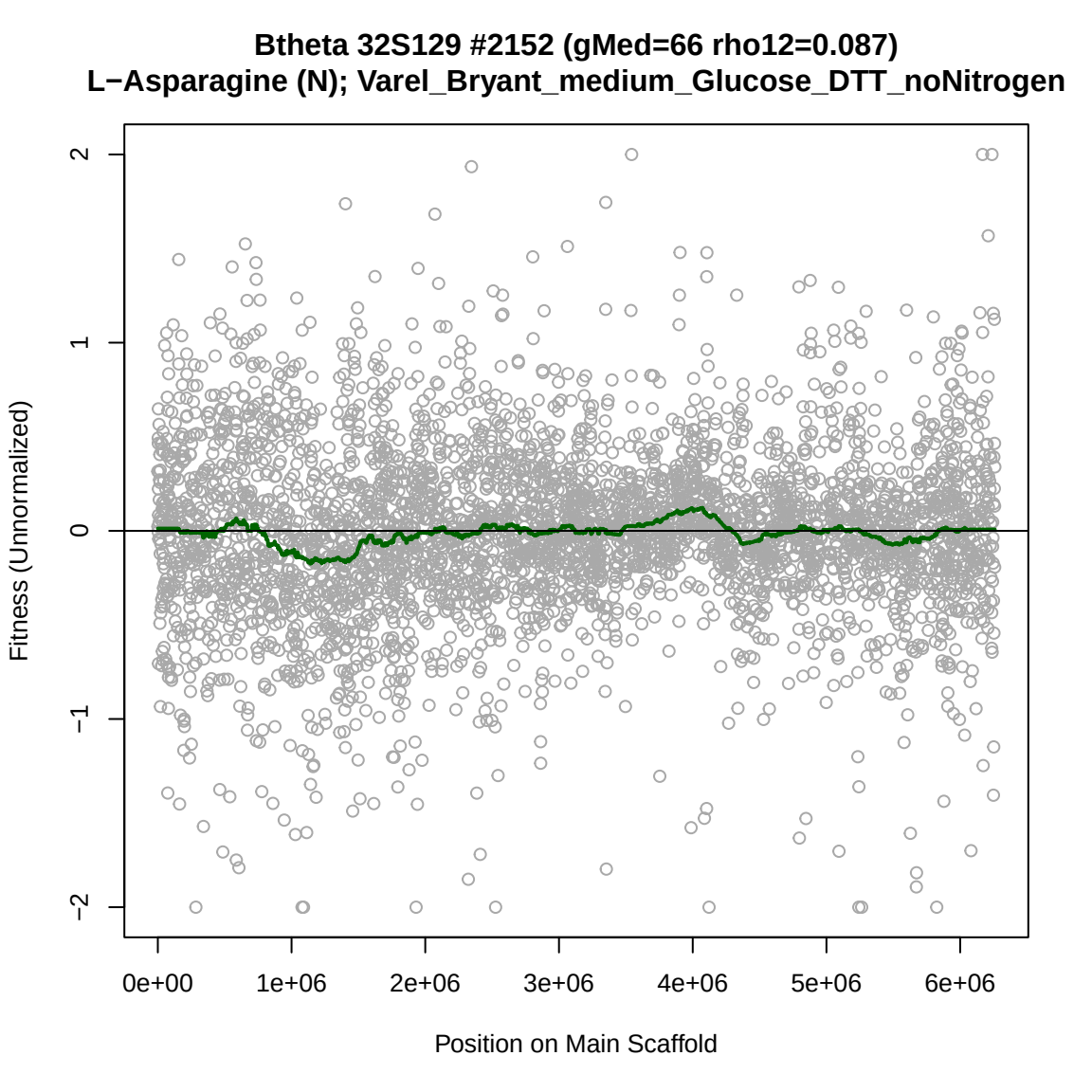

Btheta 32S124 #2147 (gMed=97 rho12=0.097)
L−Glutamine (N); Varel_Bryant_medium_Glucose_lowCys_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

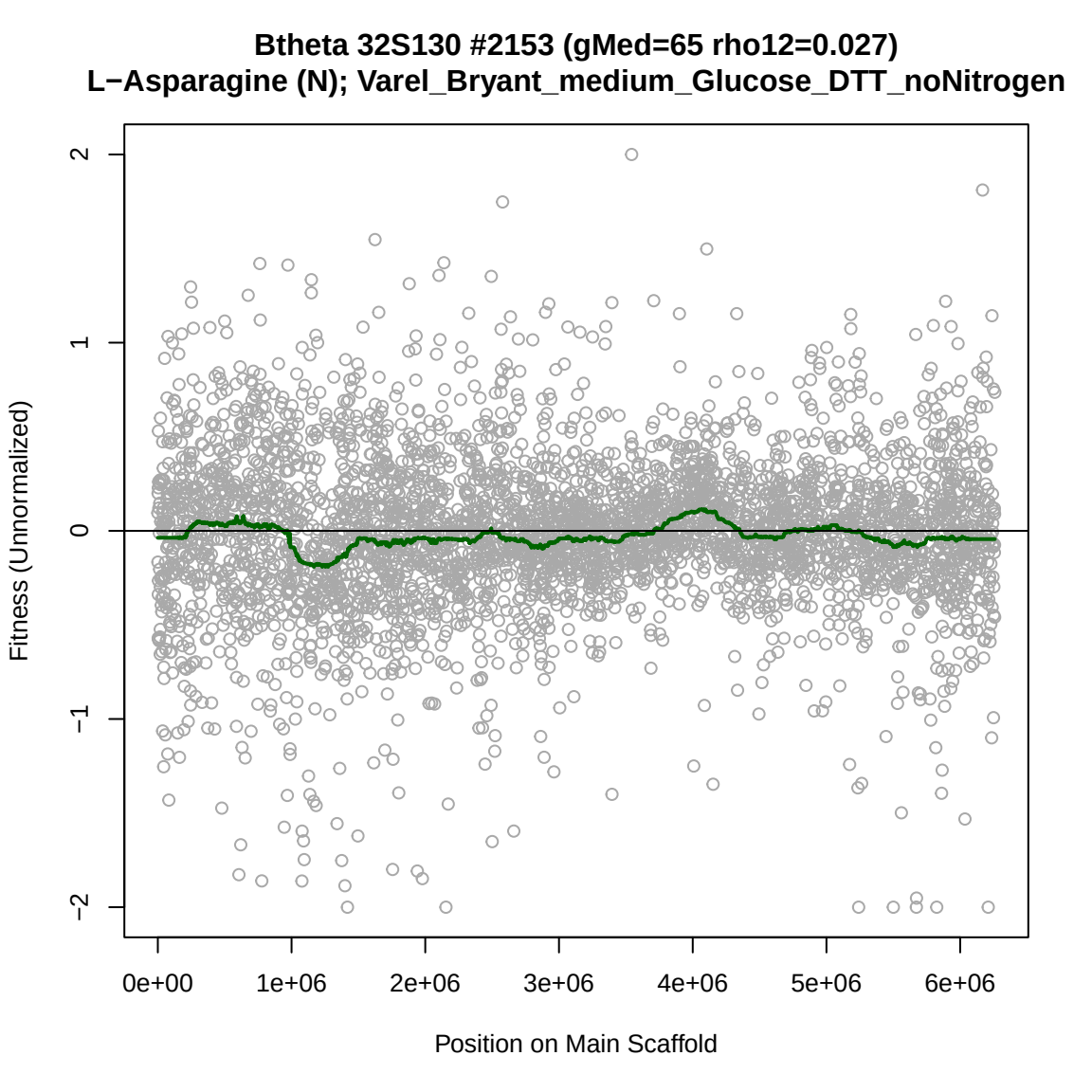

Btheta 32S125 #2148 (gMed=115 rho12=0.184)
L−Serine (N); Varel_Bryant_medium_Glucose_lowCys_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

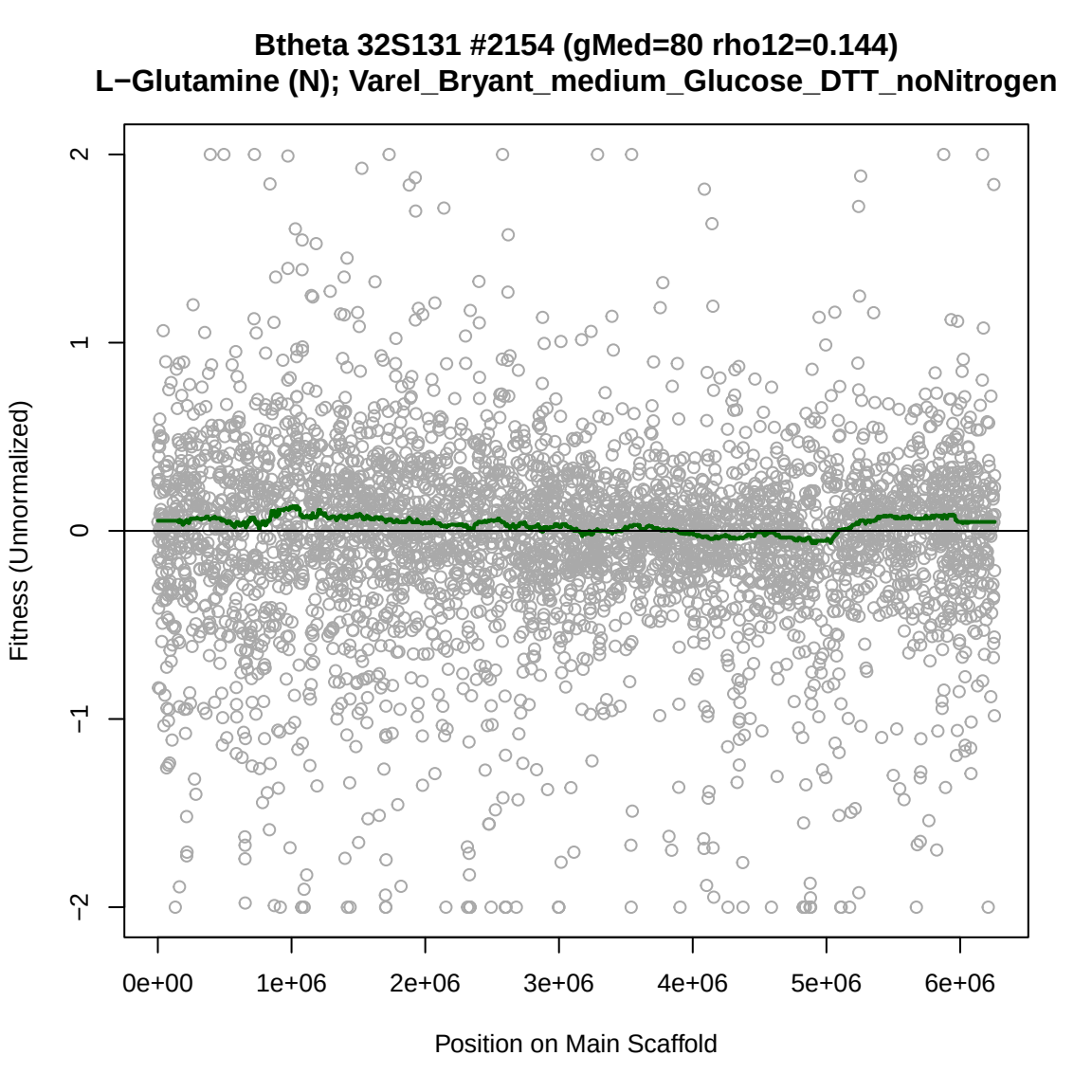

Btheta 32S126 #2149 (gMed=104 rho12=0.154)
L−Serine (N); Varel_Bryant_medium_Glucose_lowCys_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

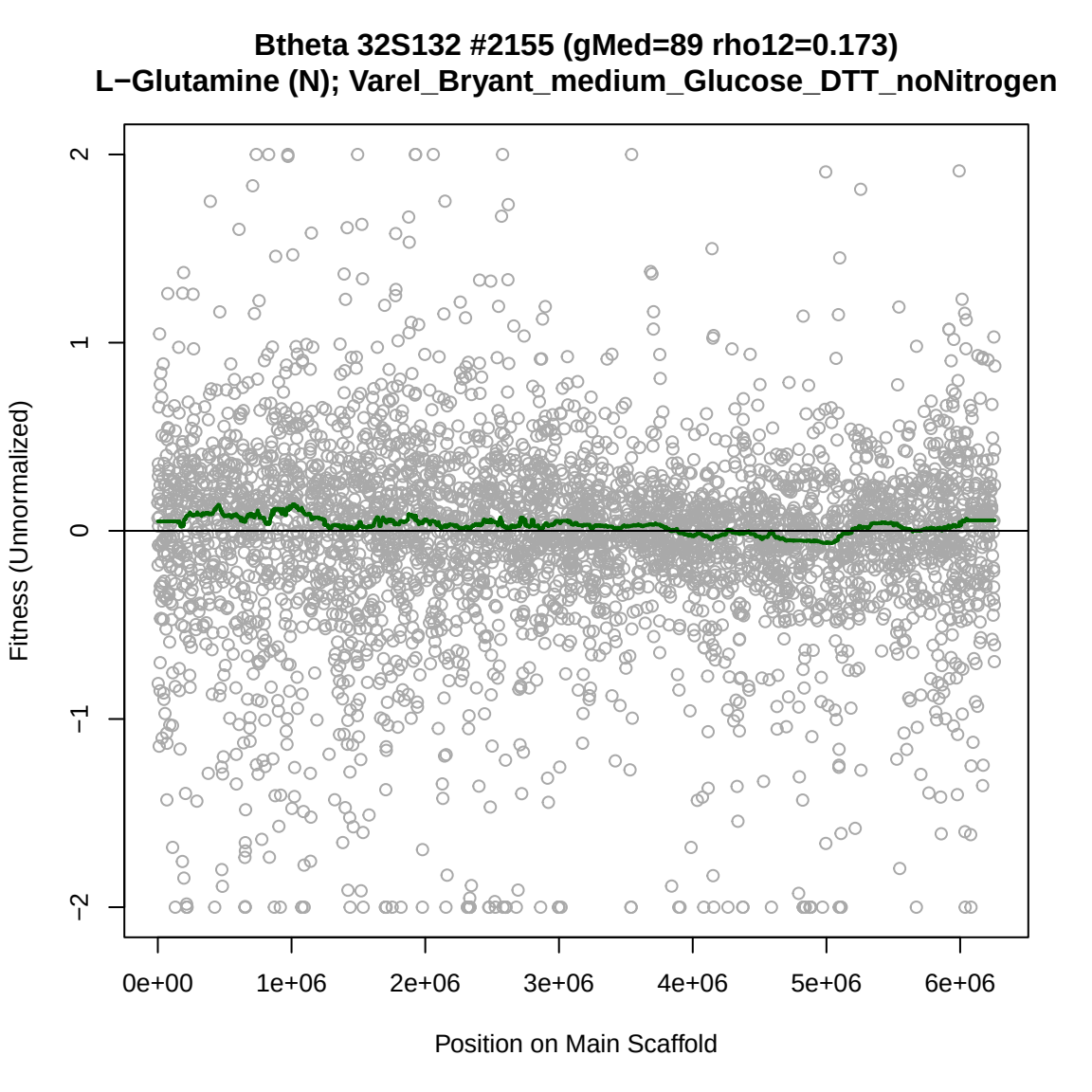

Btheta 32S127 #2150 (gMed=93 rho12=0.178)
L−Serine (N); Varel_Bryant_medium_Glucose_DTT_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

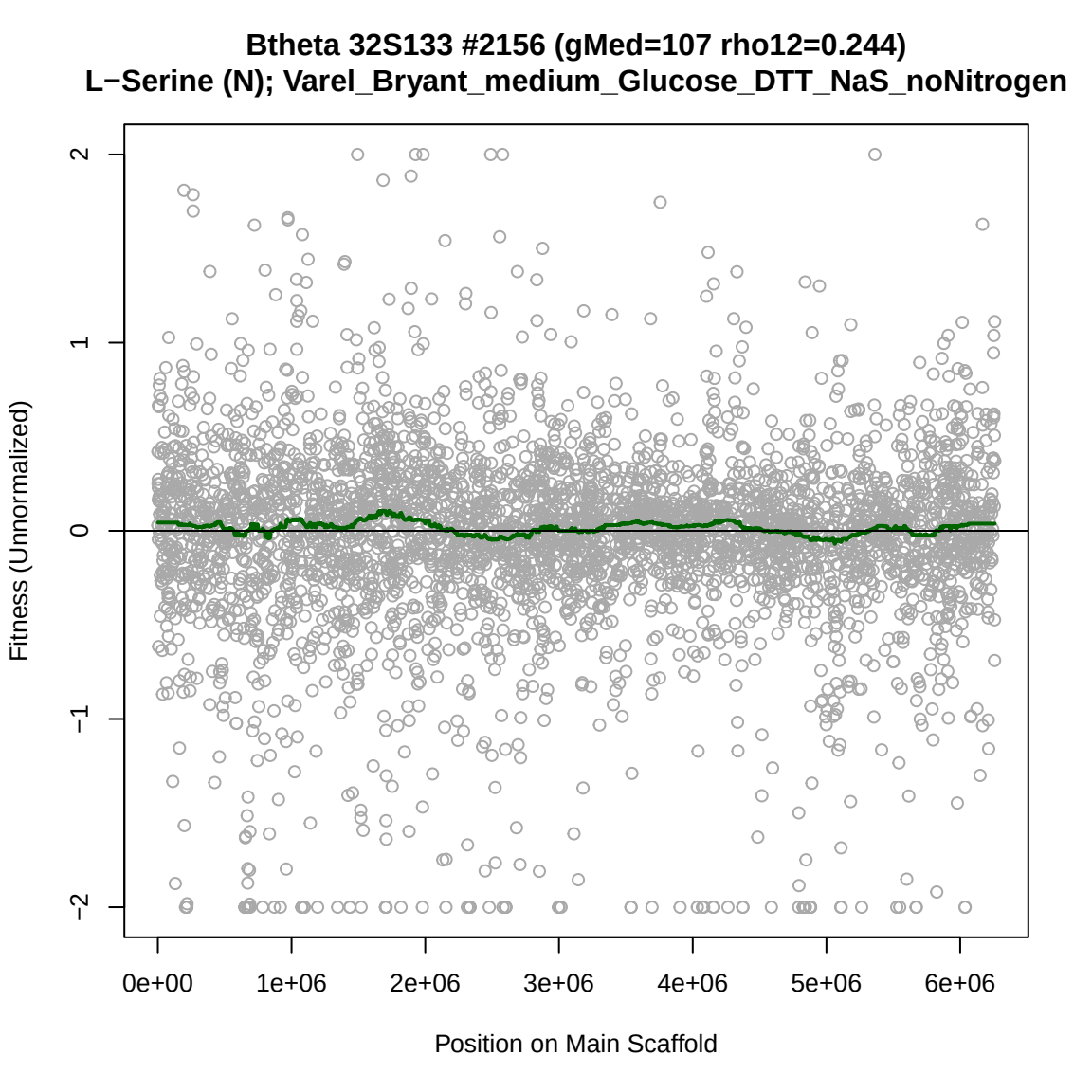

Btheta 32S128 #2151 (gMed=93 rho12=0.198)
L−Serine (N); Varel_Bryant_medium_Glucose_DTT_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

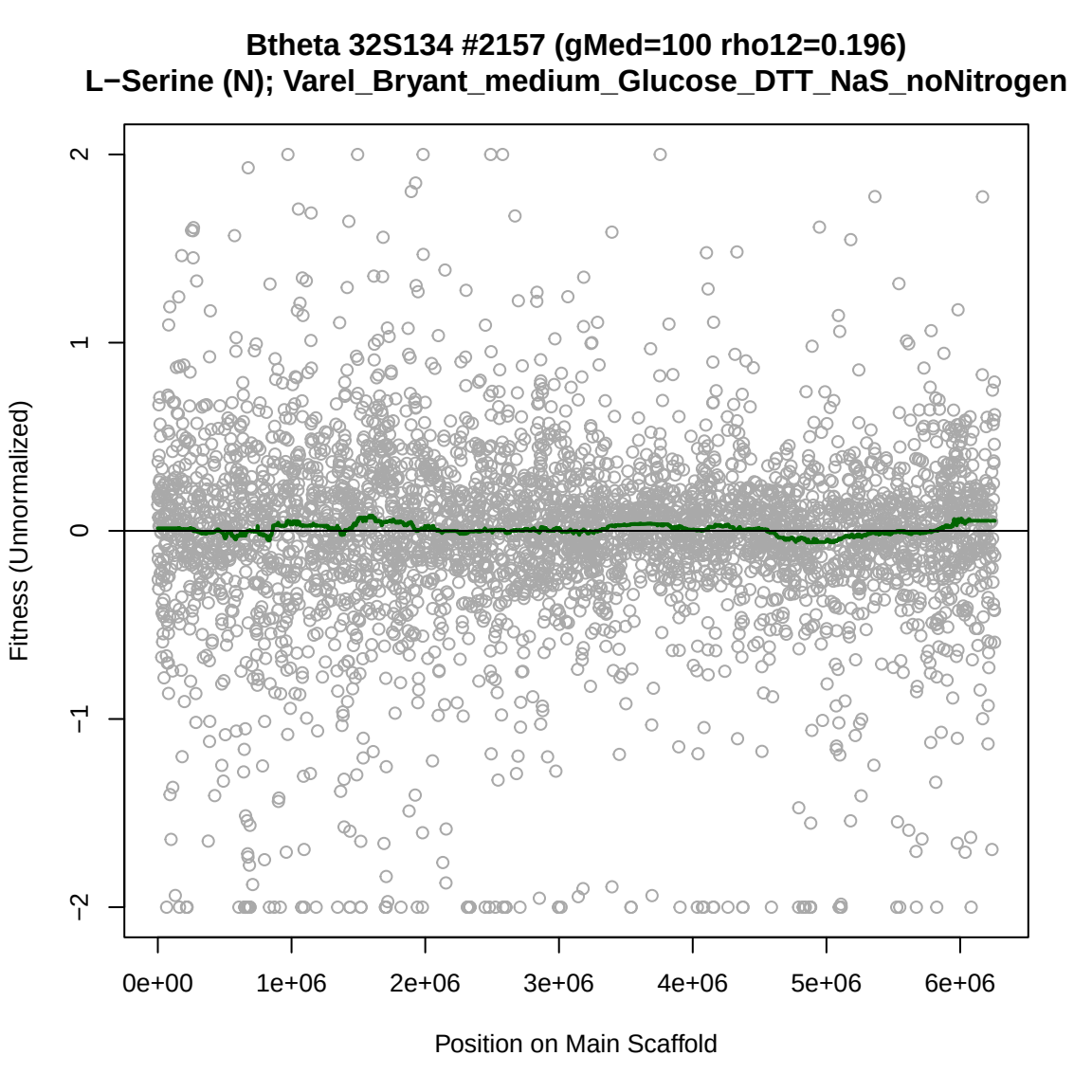

Btheta 32S129 #2152 (gMed=66 rho12=0.087)
L−Asparagine (N); Varel_Bryant_medium_Glucose_DTT_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

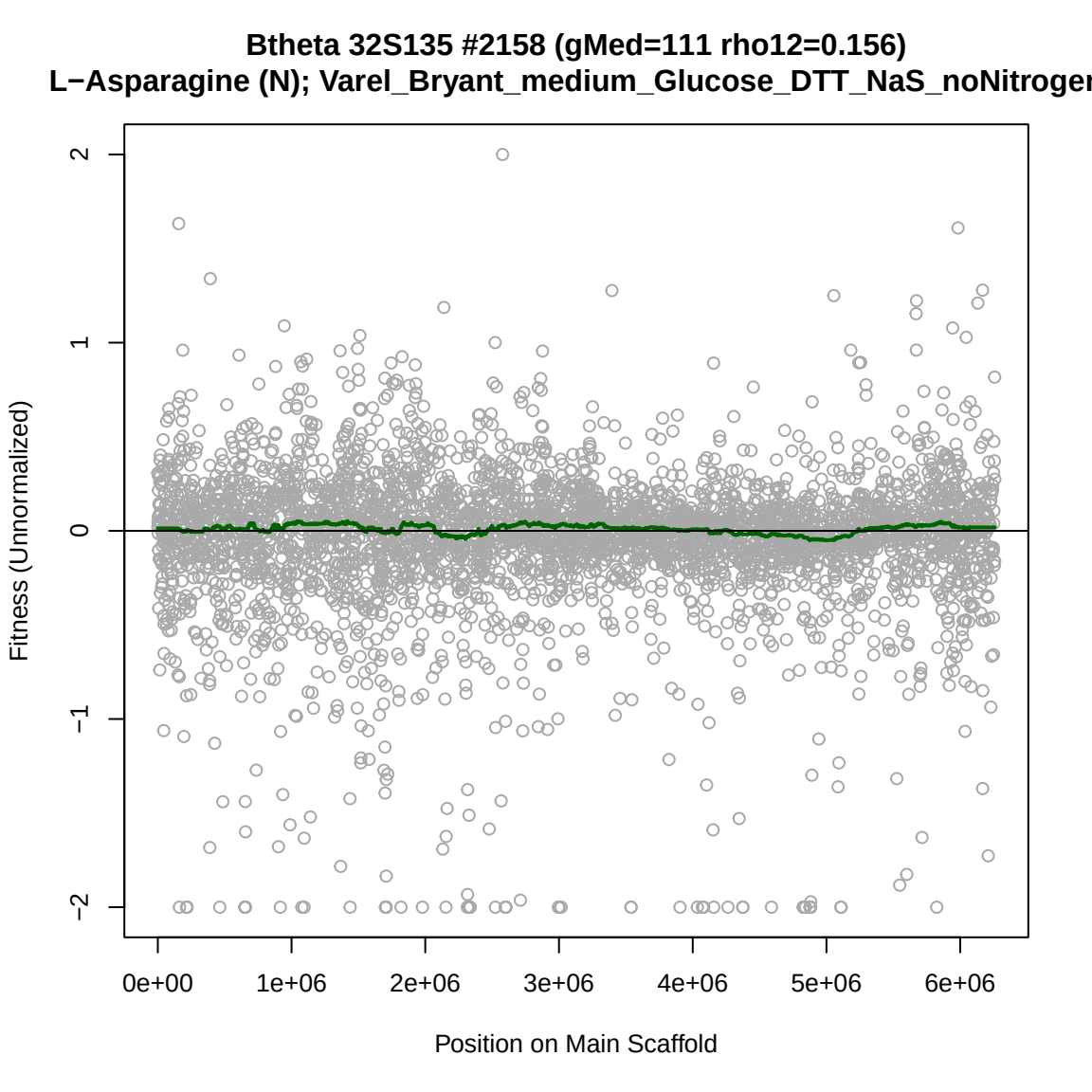

Btheta 32S130 #2153 (gMed=65 rho12=0.027)
L−Asparagine (N); Varel_Bryant_medium_Glucose_DTT_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

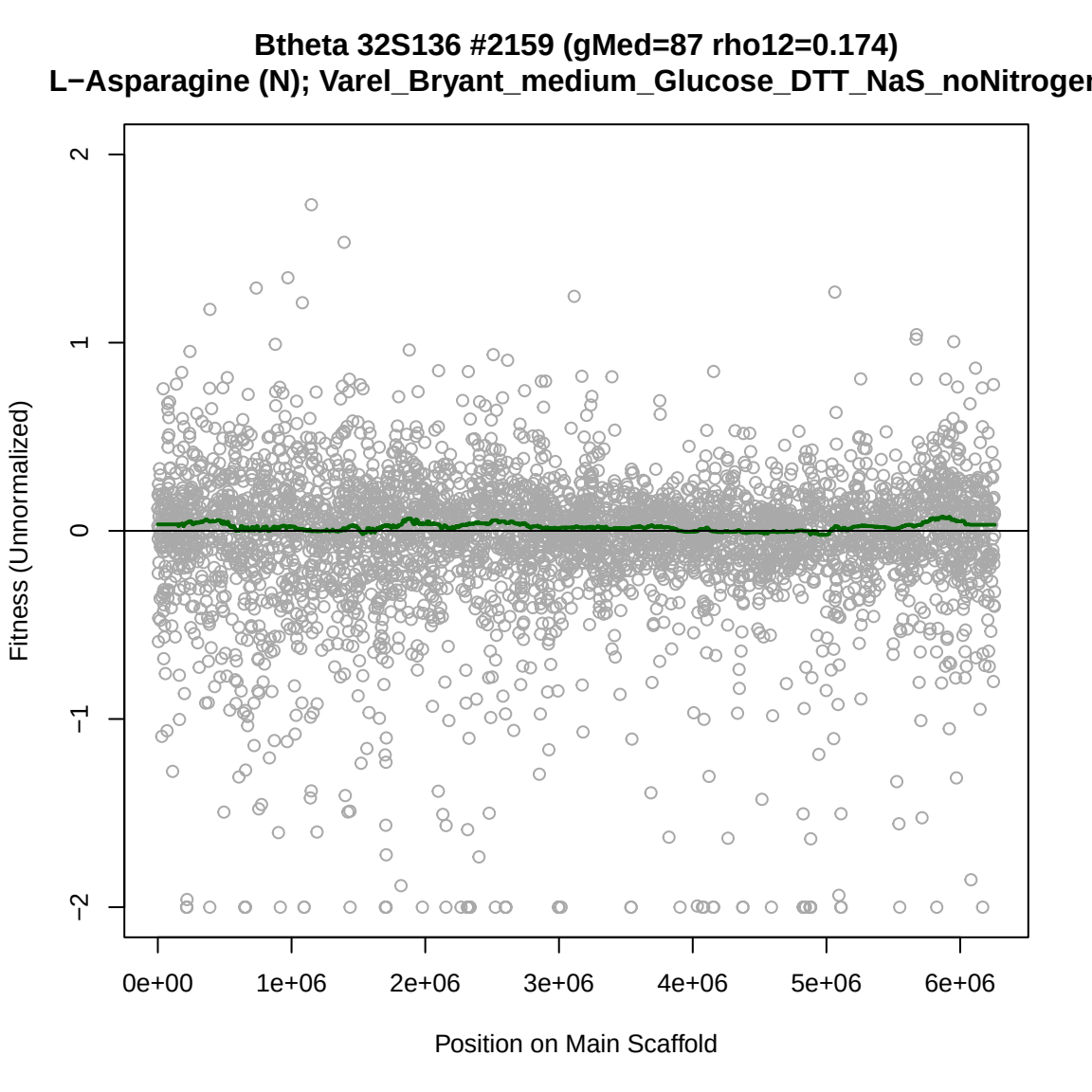

Btheta 32S131 #2154 (gMed=80 rho12=0.144)
L−Glutamine (N); Varel_Bryant_medium_Glucose_DTT_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

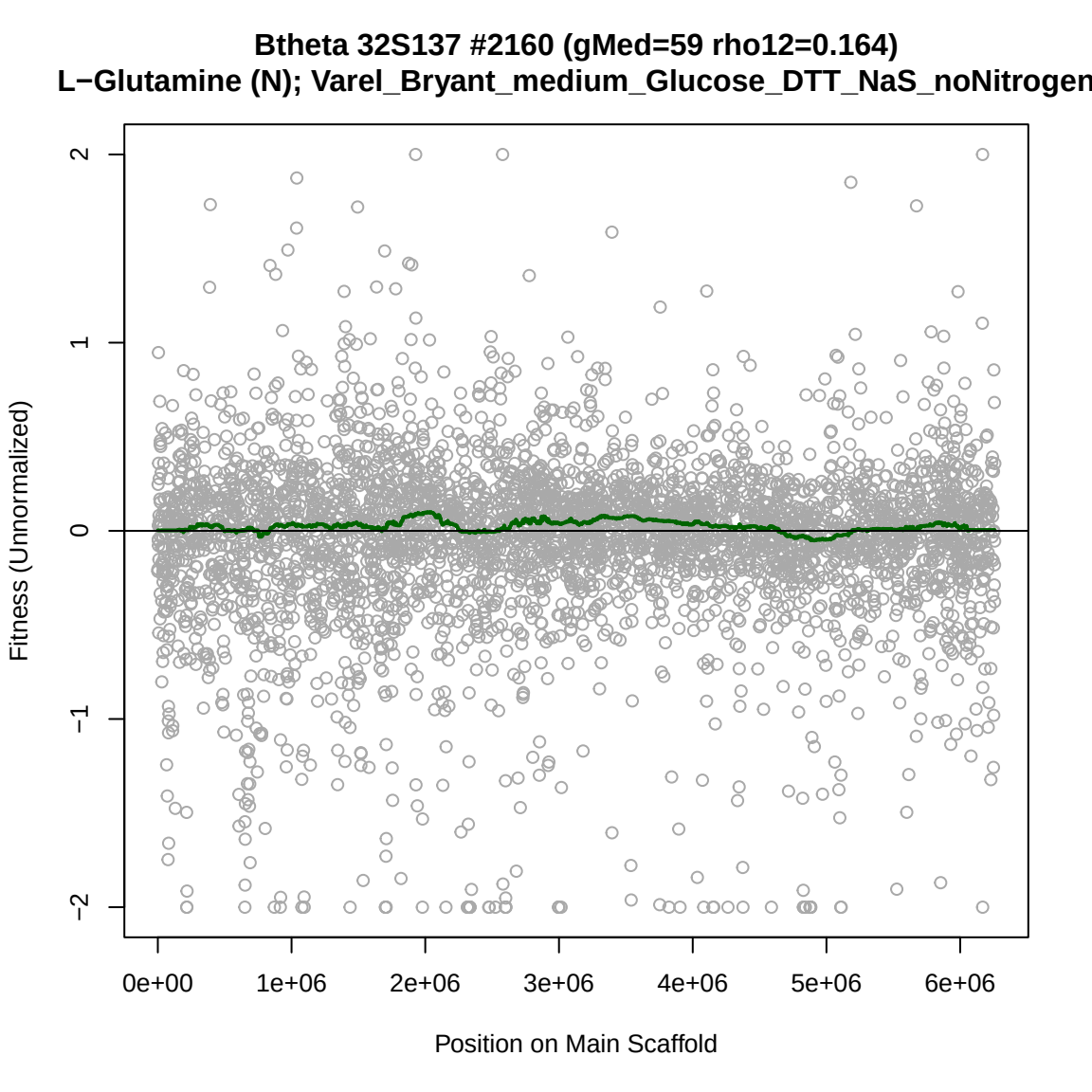

Btheta 32S132 #2155 (gMed=89 rho12=0.173)
L−Glutamine (N); Varel_Bryant_medium_Glucose_DTT_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

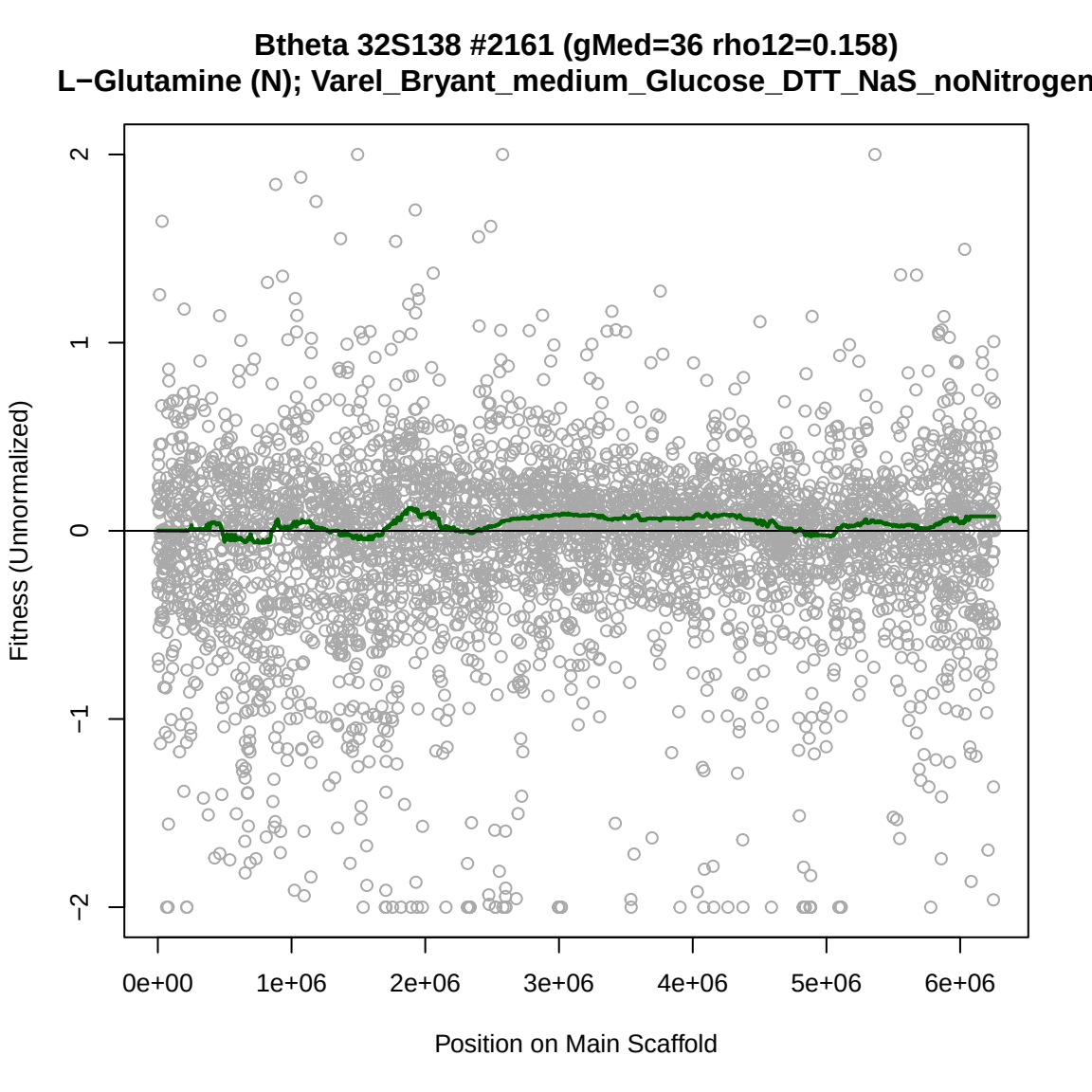

Btheta 32S133 #2156 (gMed=107 rho12=0.244)
L−Serine (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

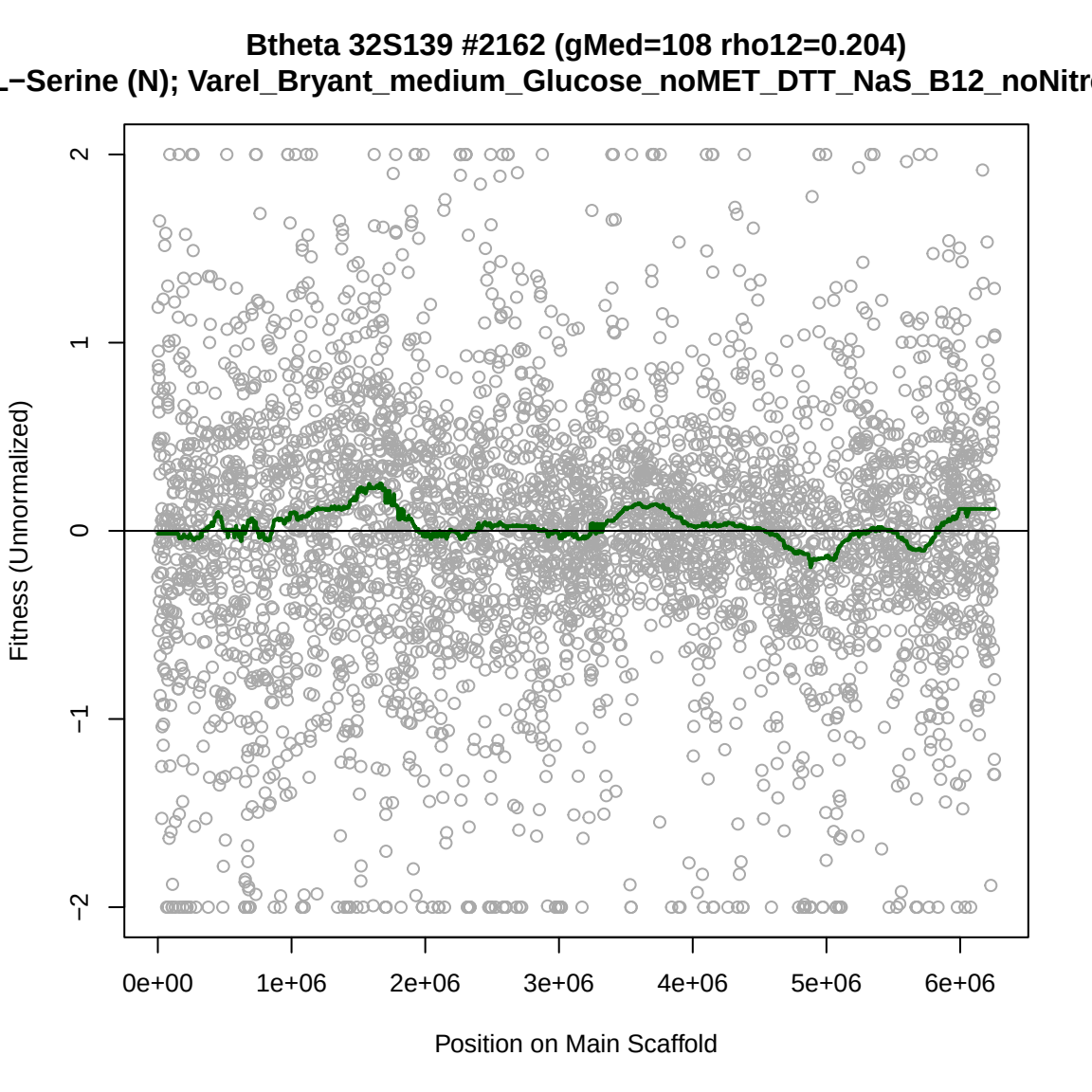

Btheta 32S134 #2157 (gMed=100 rho12=0.196)
L−Serine (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

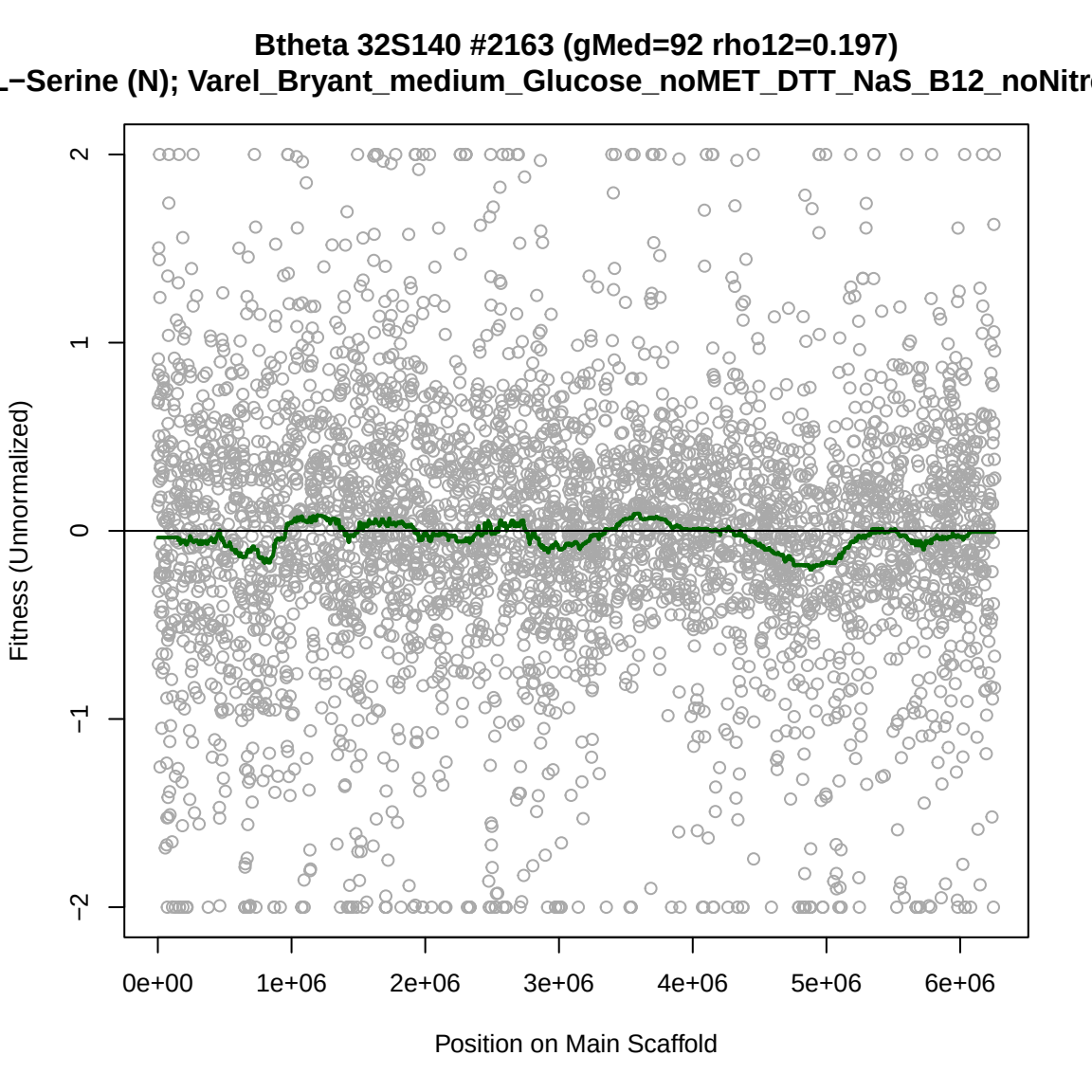

Btheta 32S135 #2158 (gMed=111 rho12=0.156)
L−Asparagine (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

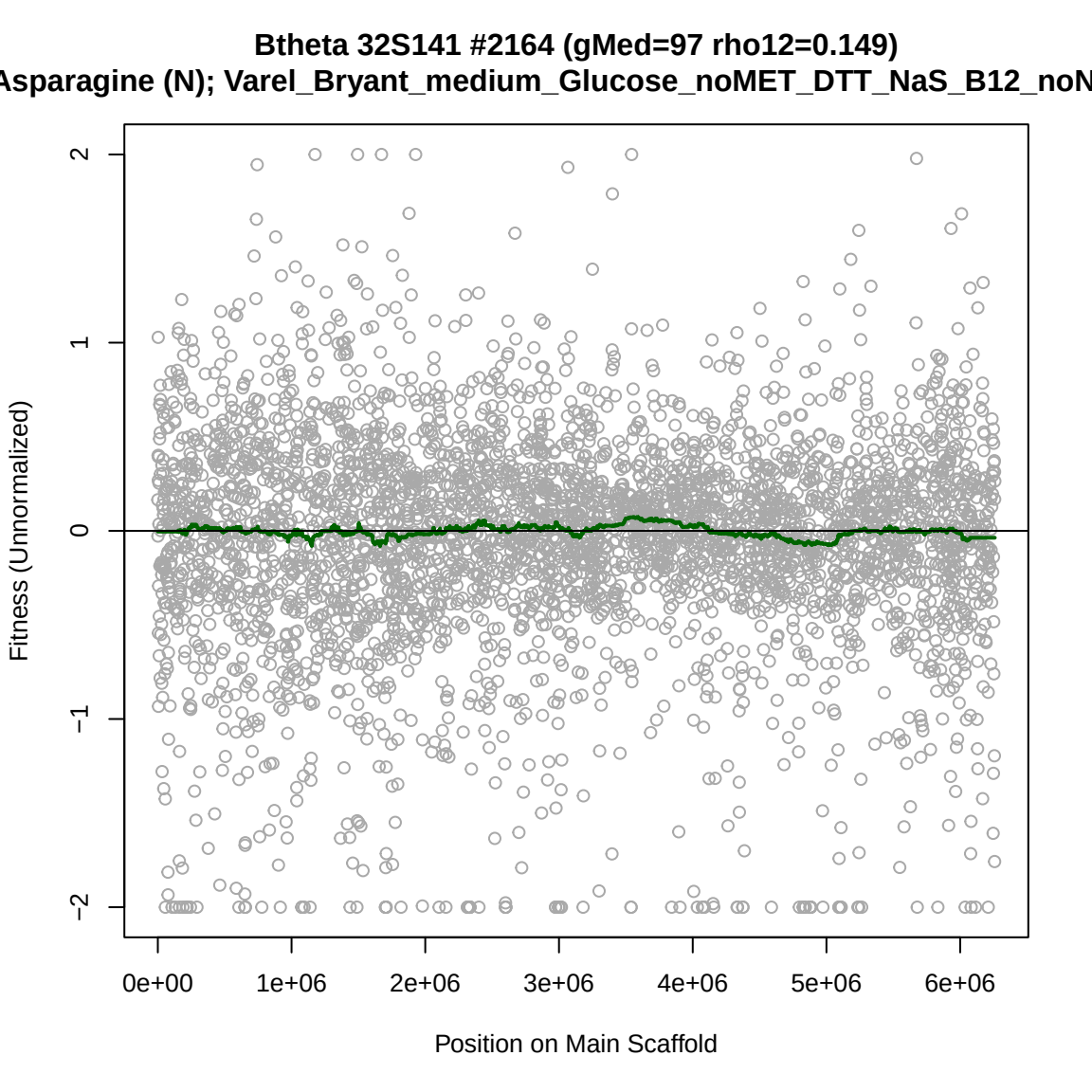

Btheta 32S136 #2159 (gMed=87 rho12=0.174)
L−Asparagine (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

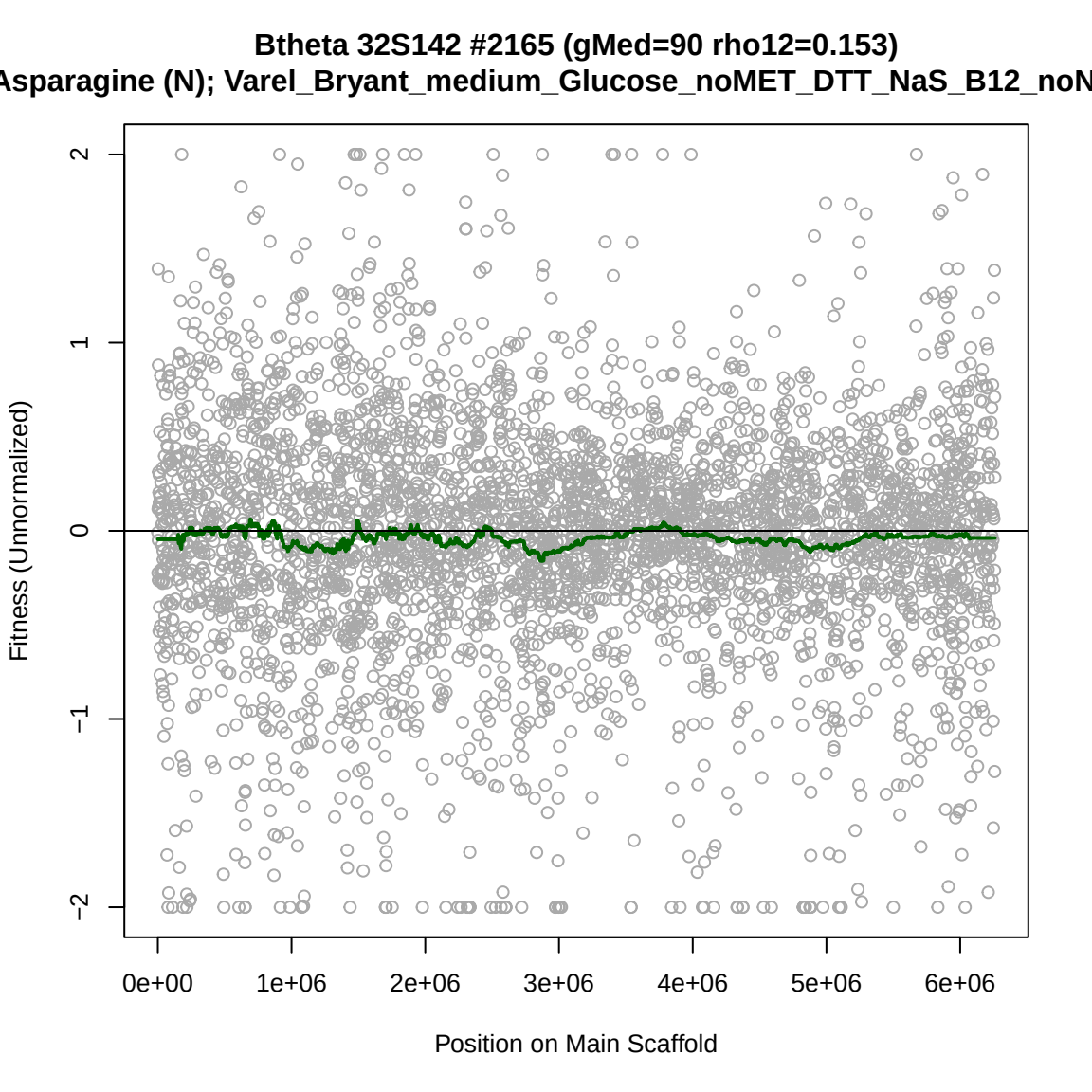

Btheta 32S137 #2160 (gMed=59 rho12=0.164)
L−Glutamine (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

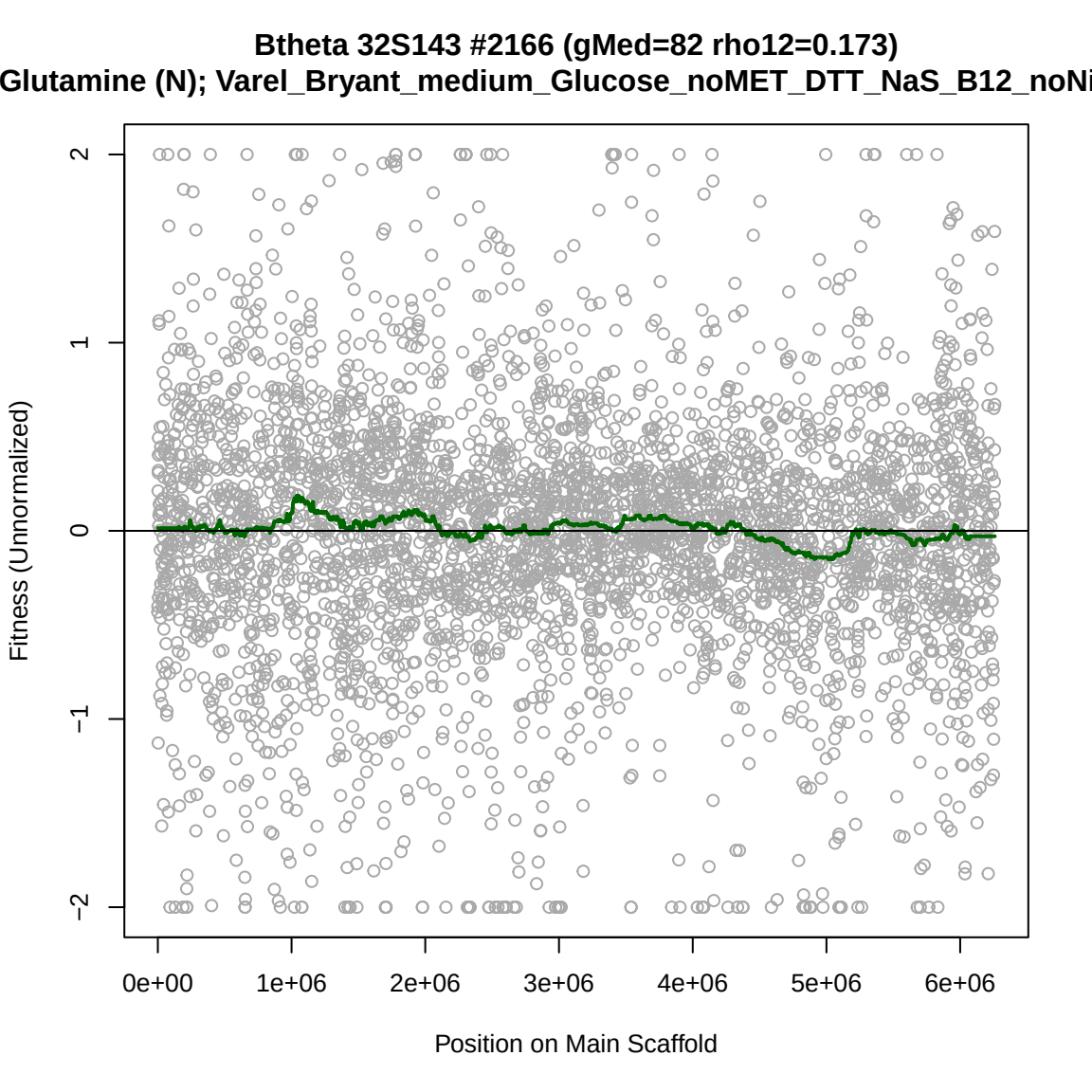

Btheta 32S138 #2161 (gMed=36 rho12=0.158)
L−Glutamine (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitrogen
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

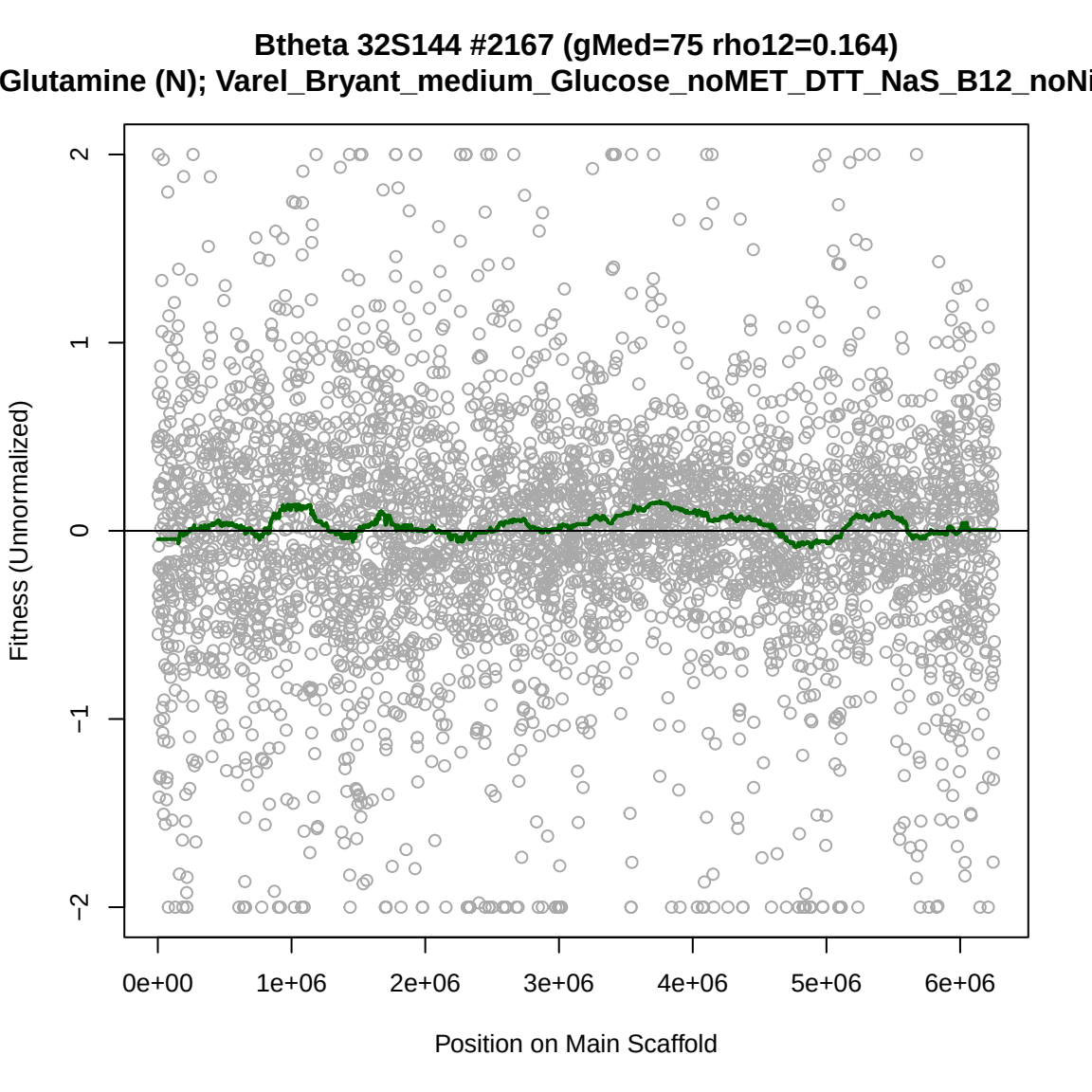

Btheta 32S139 #2162 (gMed=108 rho12=0.204)
L−Serine (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_noNitr
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

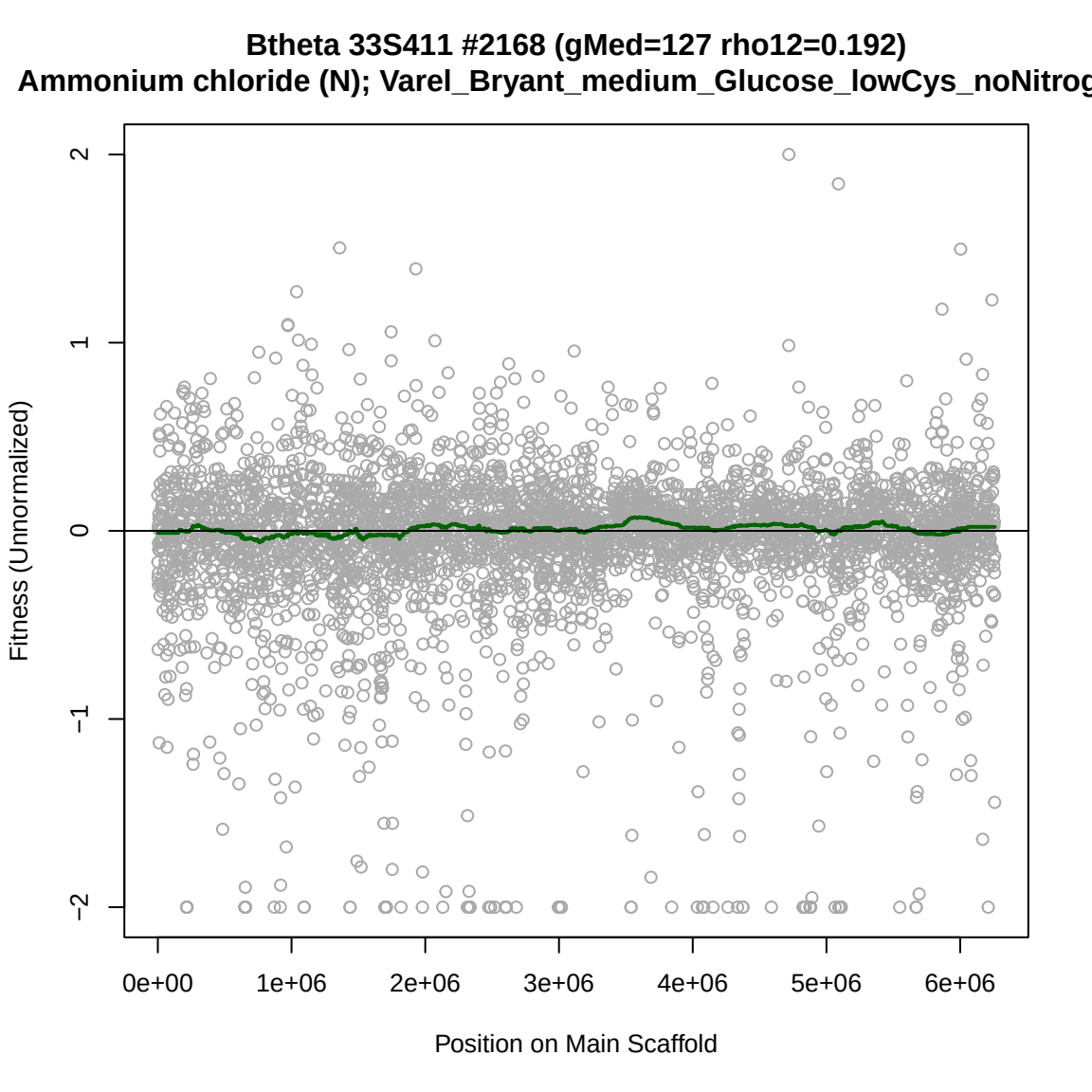

Btheta 32S140 #2163 (gMed=92 rho12=0.197)
L−Serine (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_noNitr
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

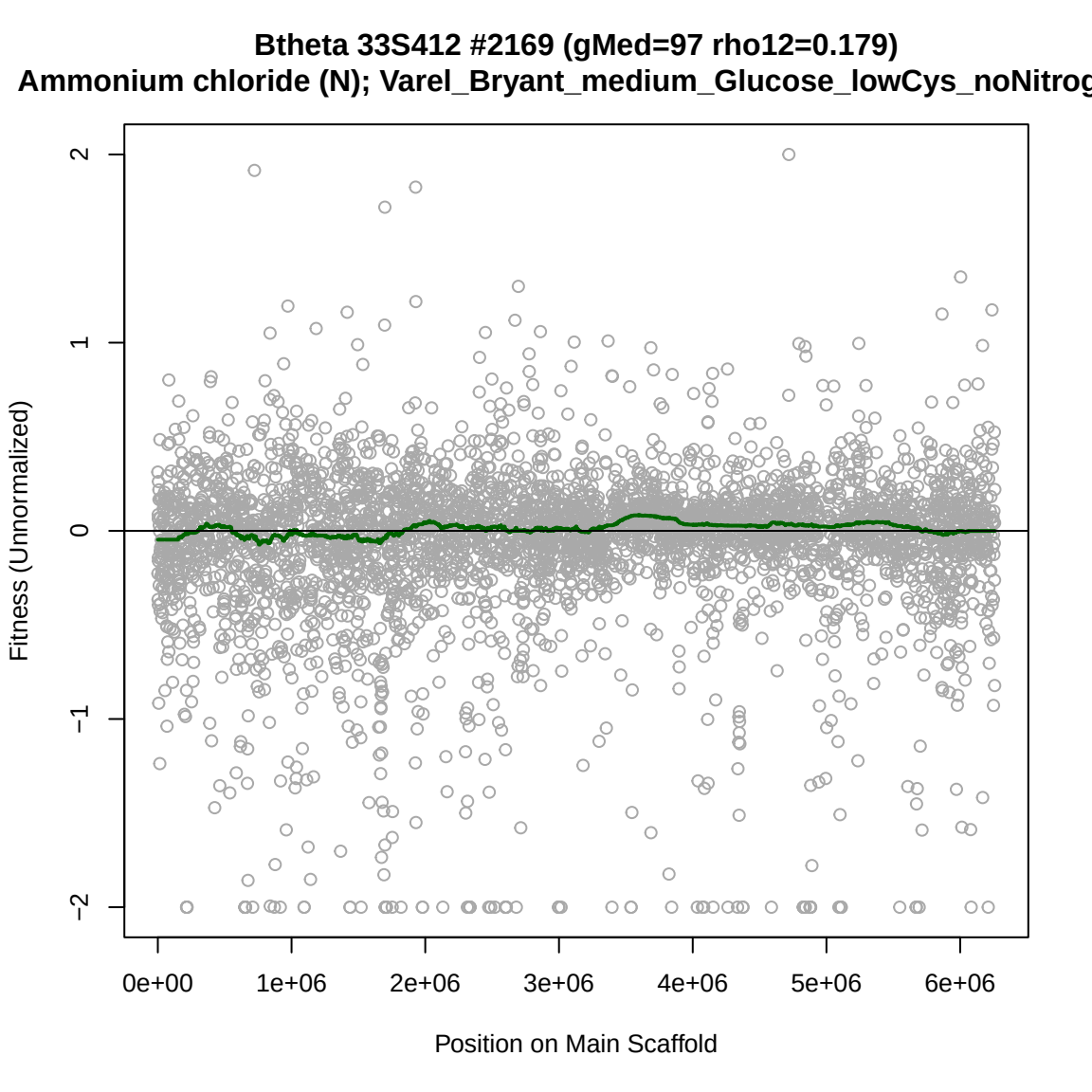

Btheta 32S141 #2164 (gMed=97 rho12=0.149)
Asparagine (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_noN
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

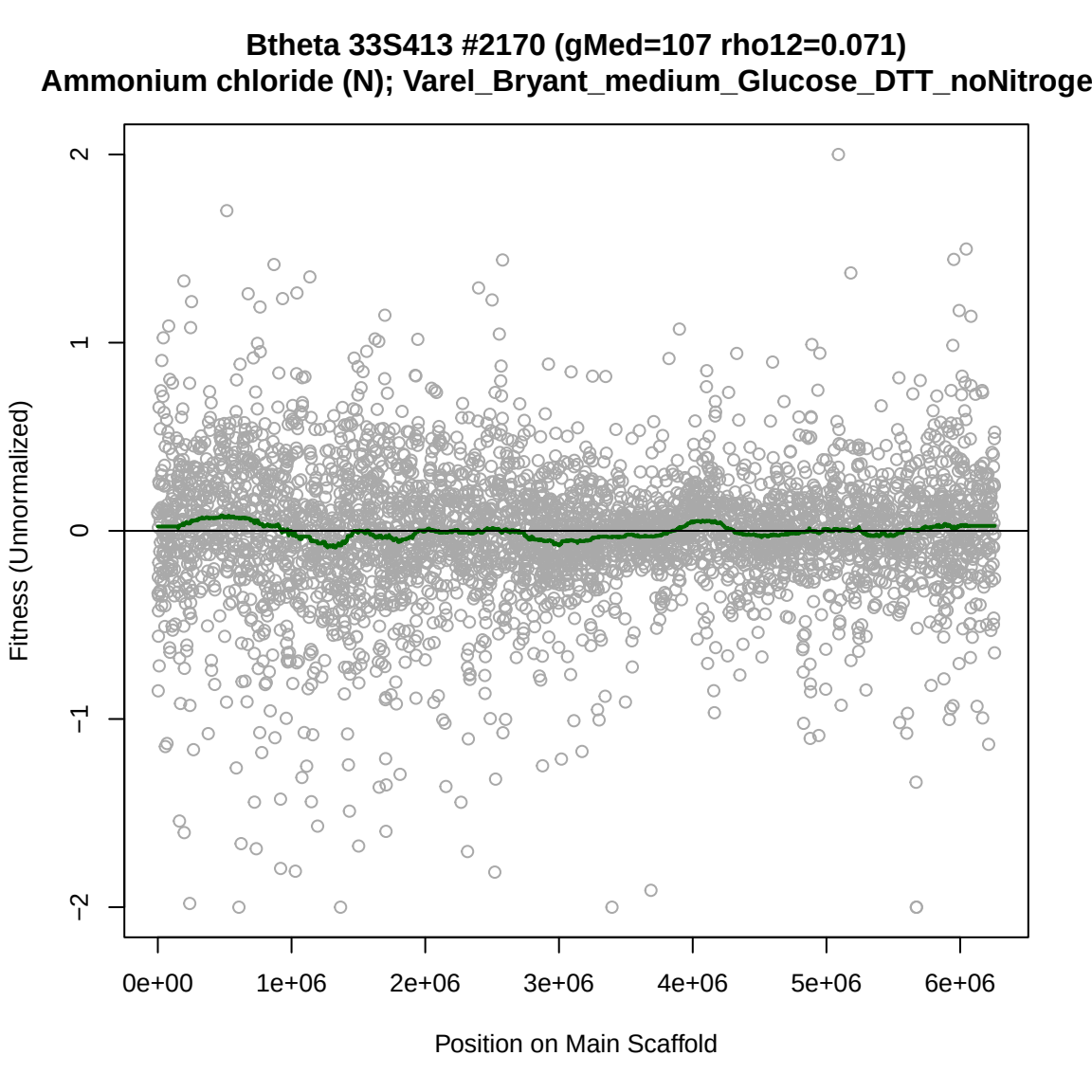

Btheta 32S142 #2165 (gMed=90 rho12=0.153)
Asparagine (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_noN
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

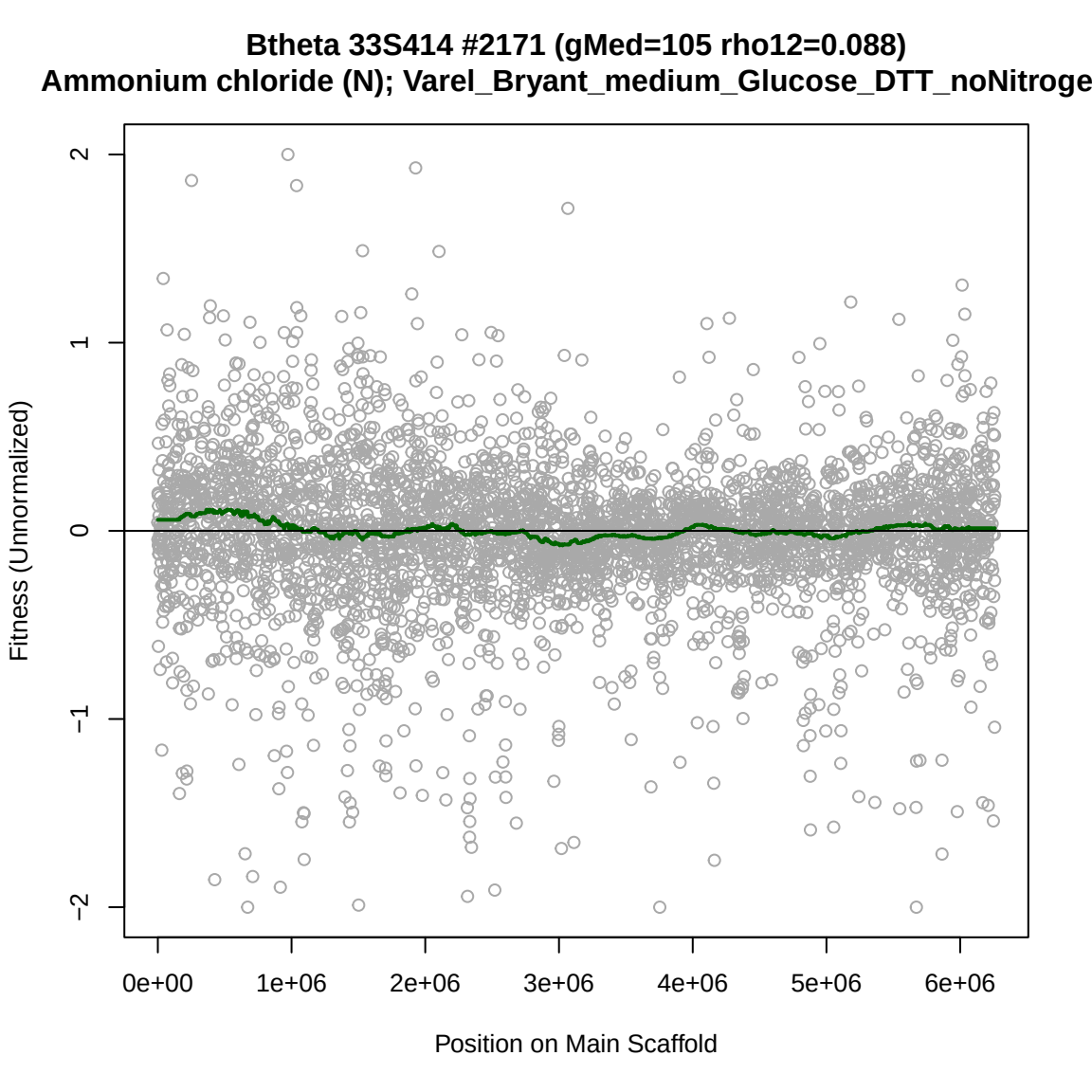

Btheta 32S143 #2166 (gMed=82 rho12=0.173)
Glutamine (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_noNi
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

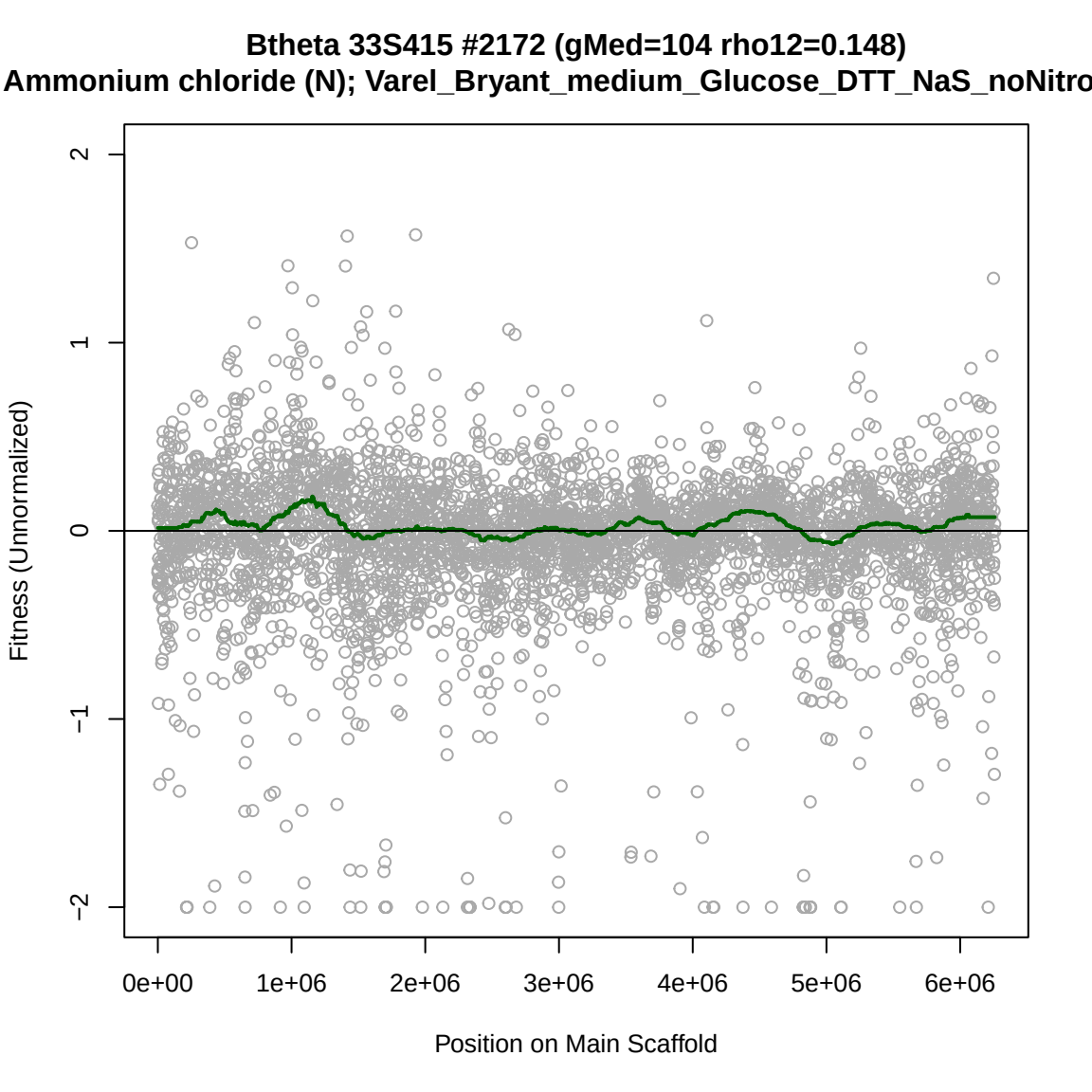

Btheta 32S144 #2167 (gMed=75 rho12=0.164)
Glutamine (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_noNi
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

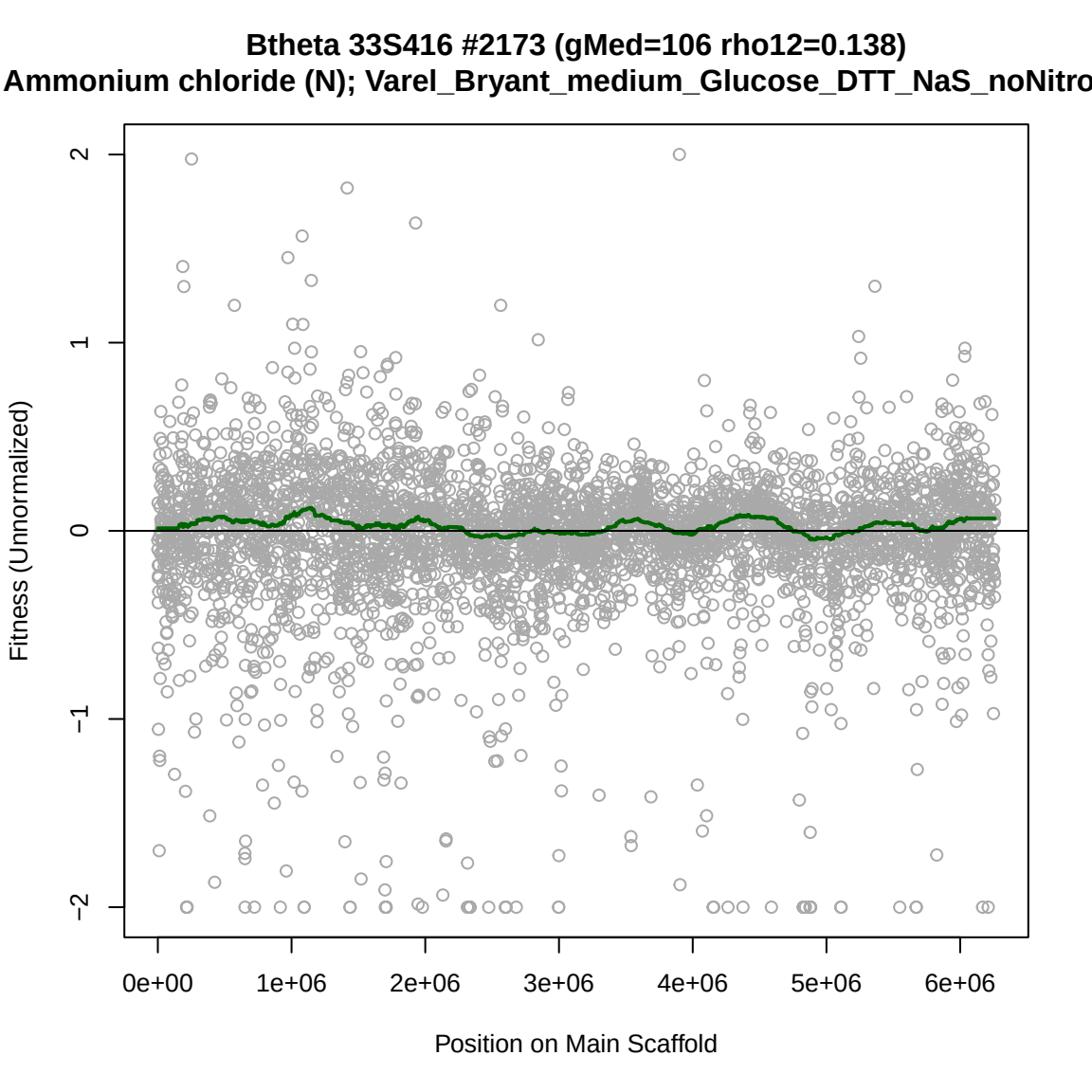

Btheta 33S411 #2168 (gMed=127 rho12=0.192)
Ammonium chloride (N); Varel_Bryant_medium_Glucose_lowCys_noNitrog
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

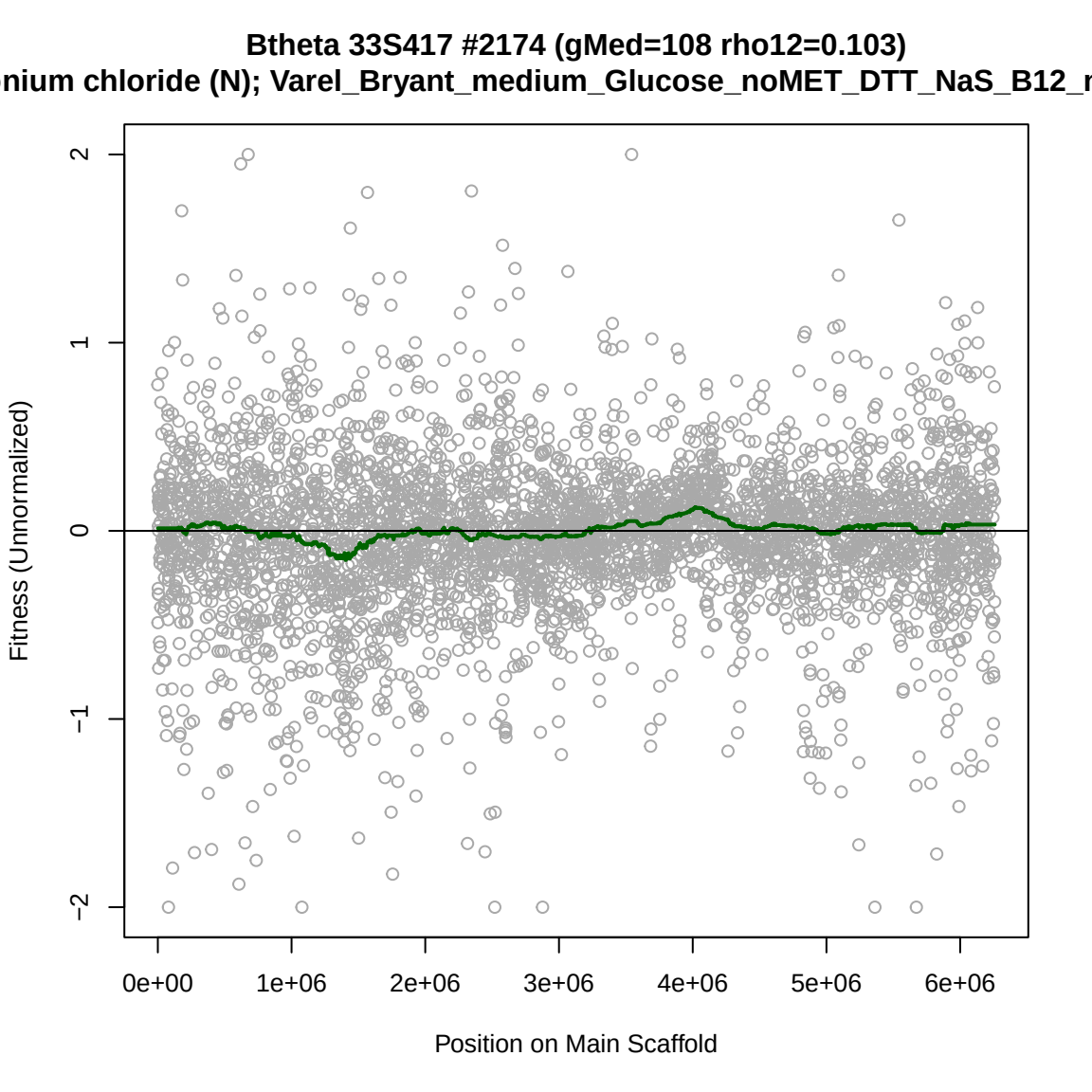

Btheta 33S412 #2169 (gMed=97 rho12=0.179)
Ammonium chloride (N); Varel_Bryant_medium_Glucose_lowCys_noNitrog
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

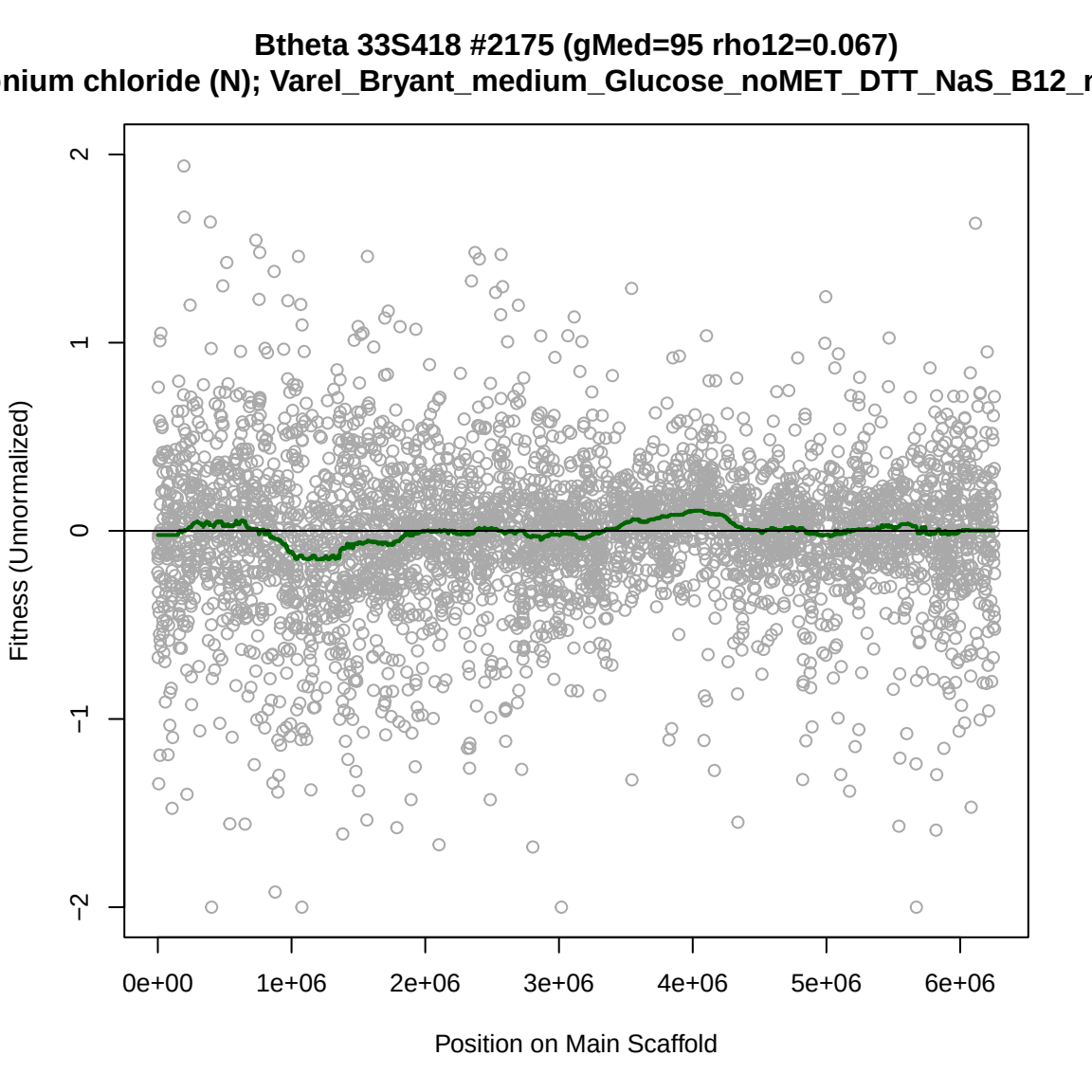

Btheta 33S413 #2170 (gMed=107 rho12=0.071)
Ammonium chloride (N); Varel_Bryant_medium_Glucose_DTT_noNitroge
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

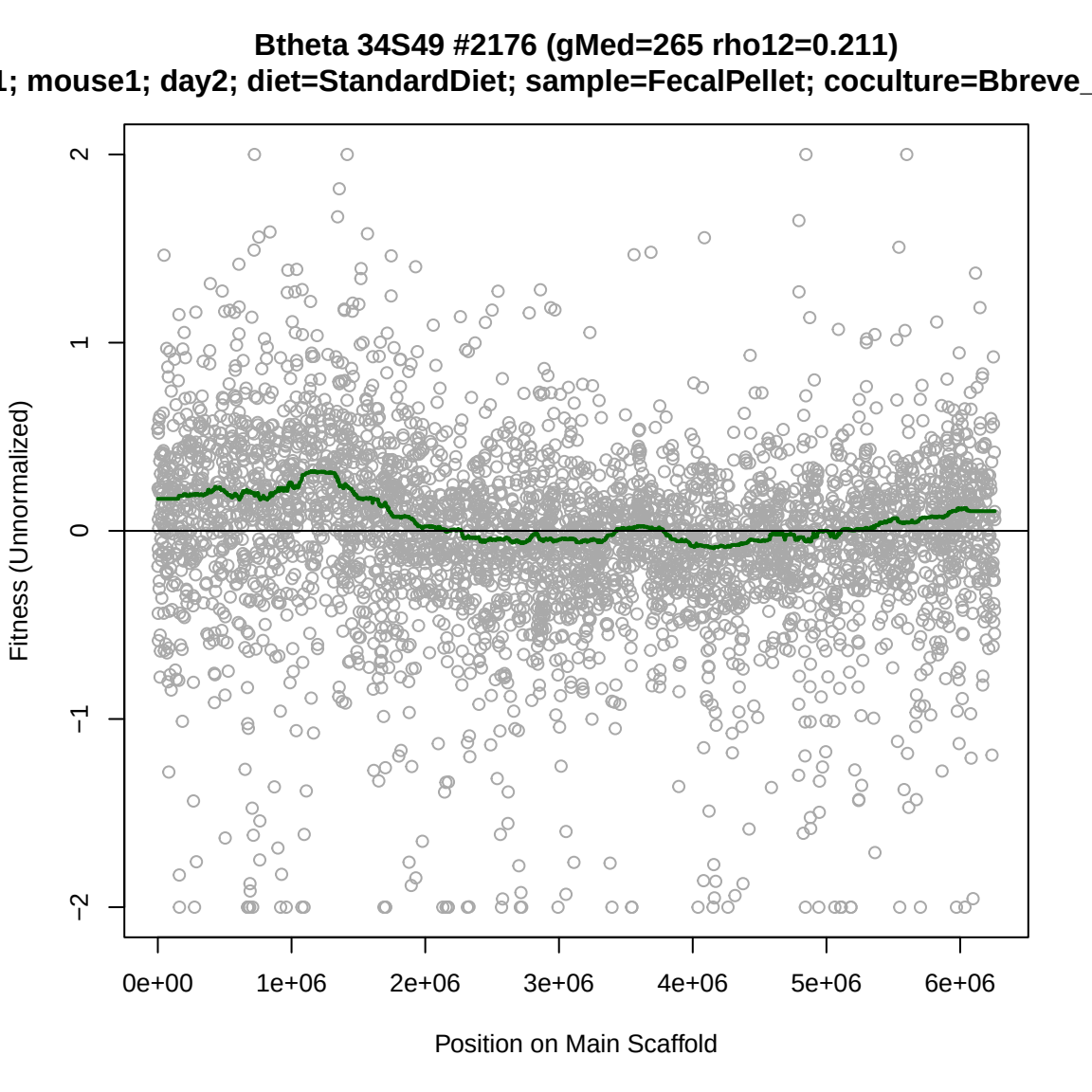

Btheta 33S414 #2171 (gMed=105 rho12=0.088)
Ammonium chloride (N); Varel_Bryant_medium_Glucose_DTT_noNitroge
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

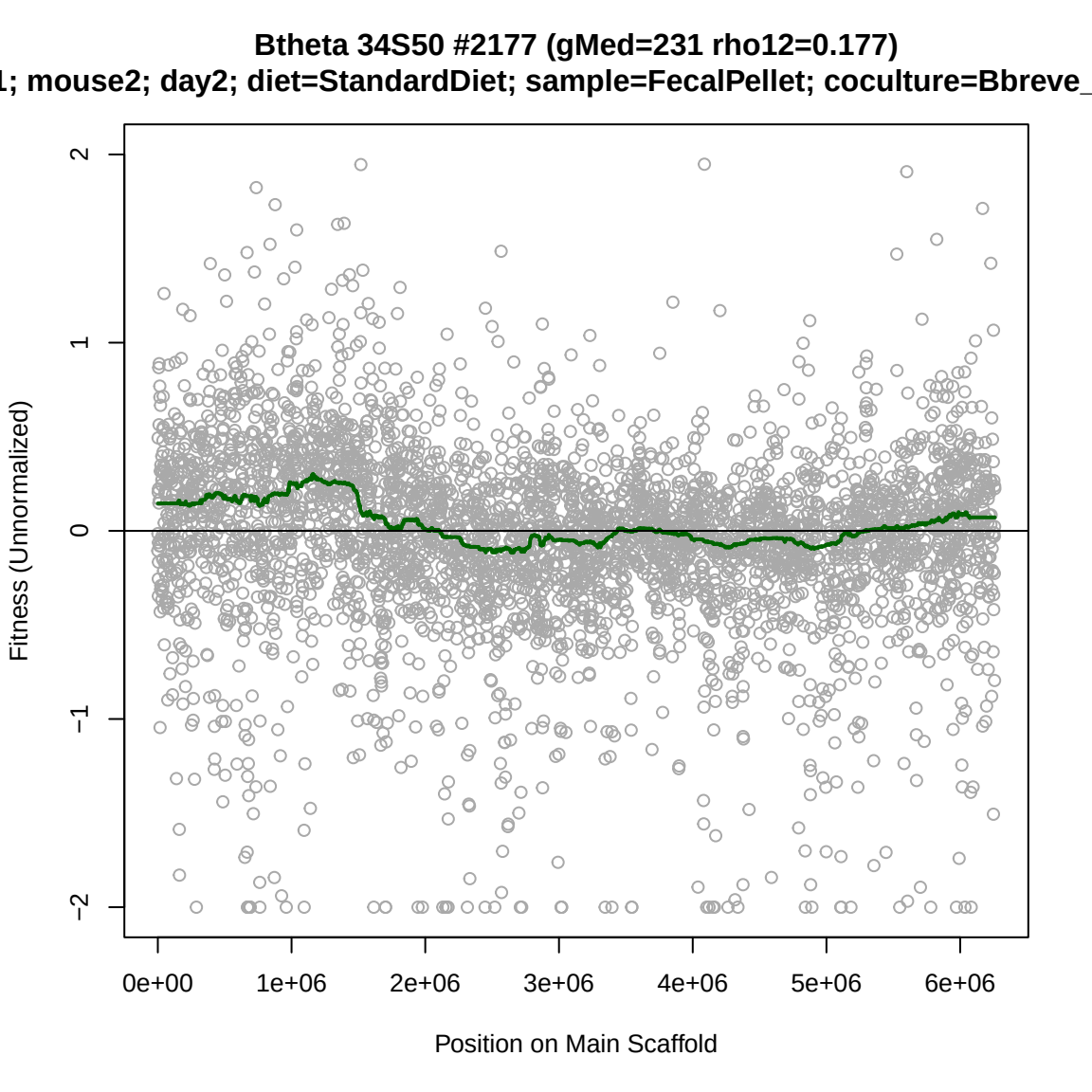

Btheta 33S415 #2172 (gMed=104 rho12=0.148)
Ammonium chloride (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitro
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

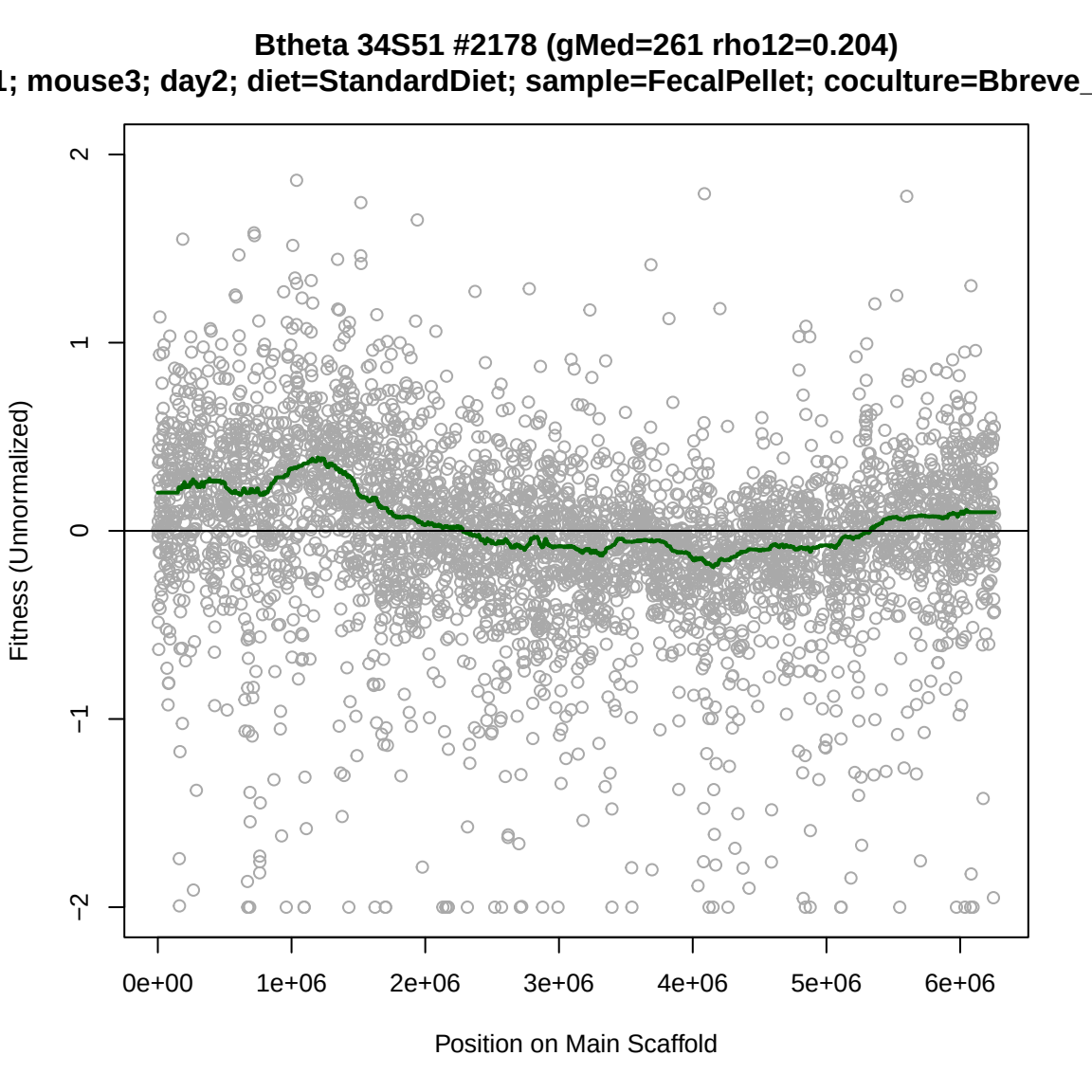

Btheta 33S416 #2173 (gMed=106 rho12=0.138)
Ammonium chloride (N); Varel_Bryant_medium_Glucose_DTT_NaS_noNitro
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

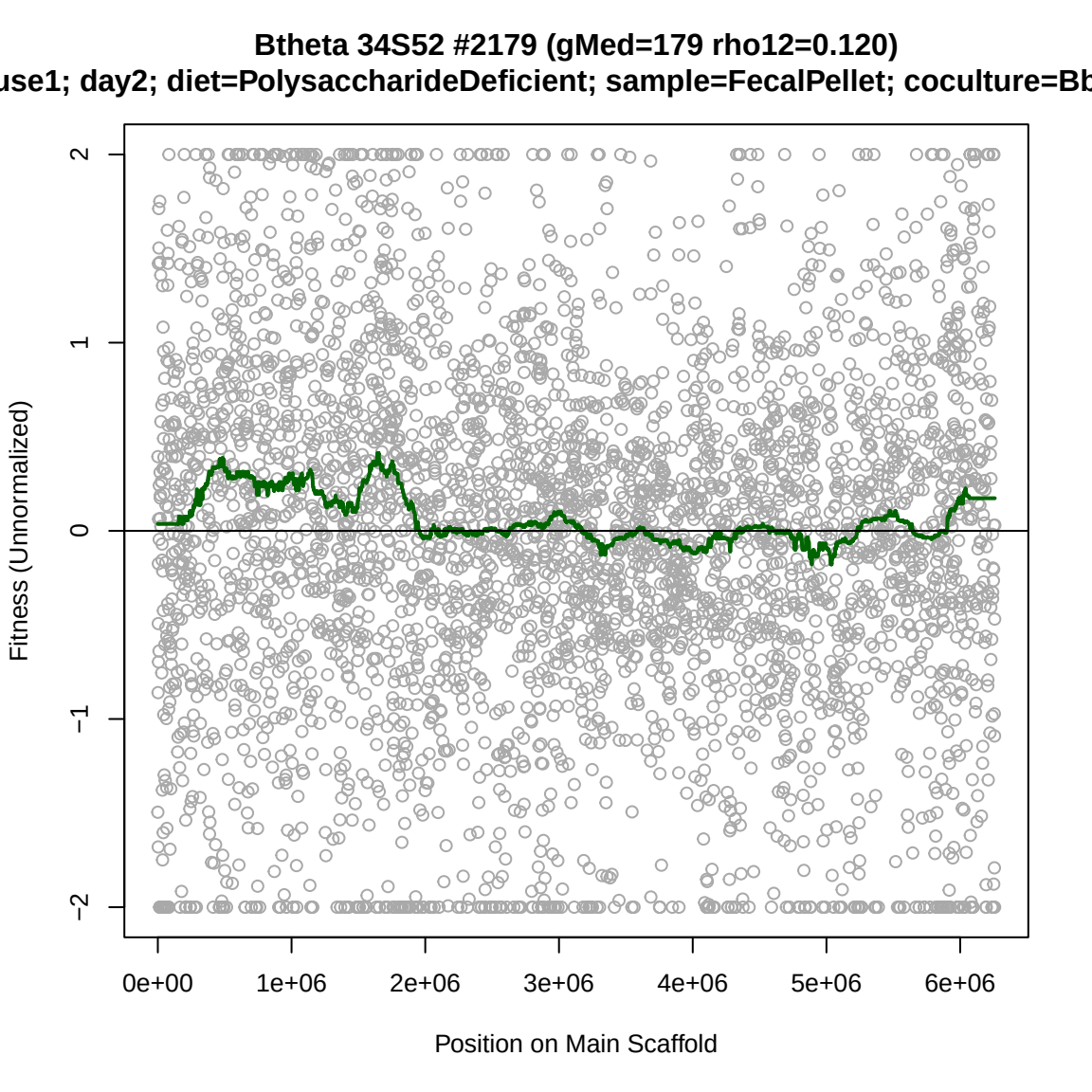

Btheta 33S417 #2174 (gMed=108 rho12=0.103)
nium chloride (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_r
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

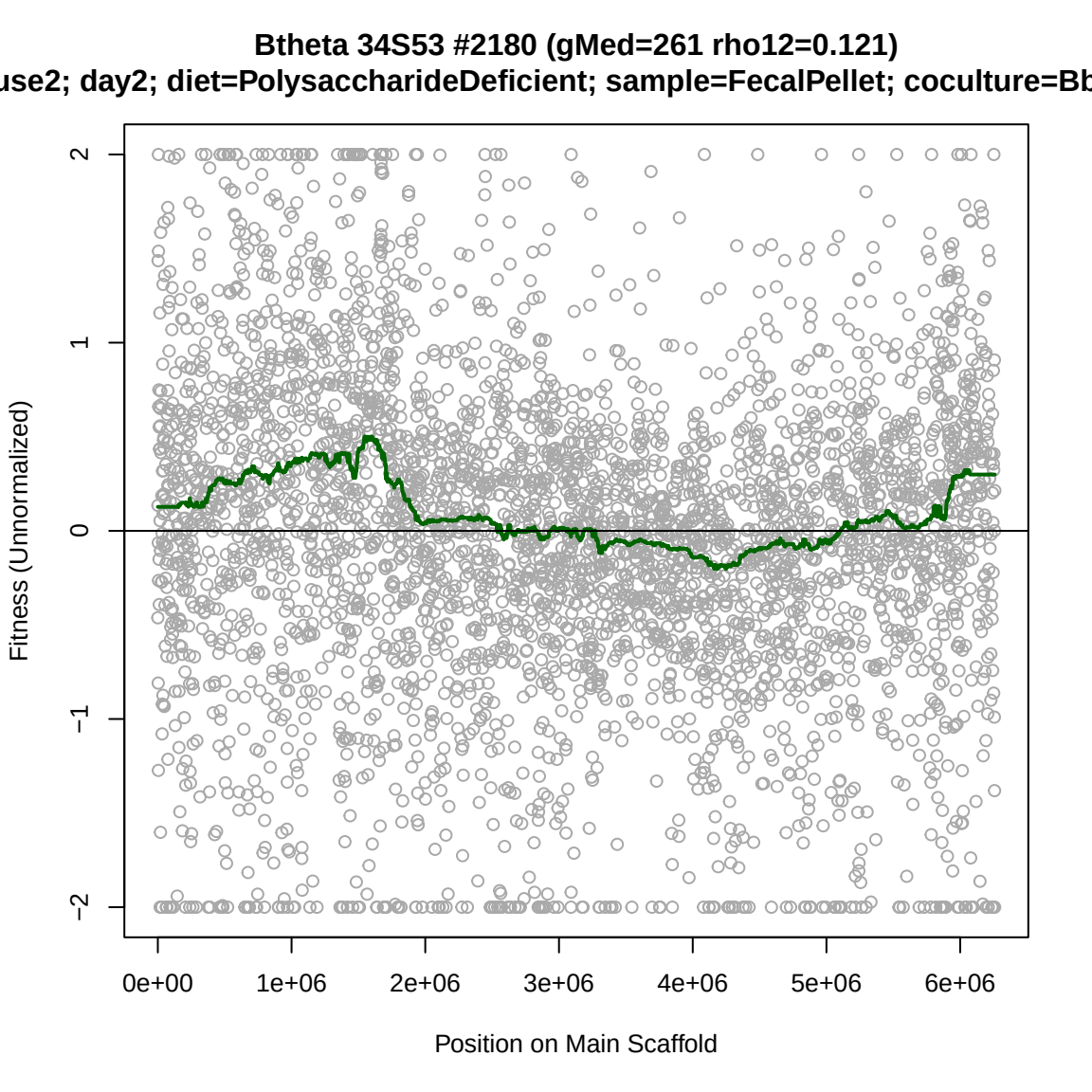

Btheta 33S418 #2175 (gMed=95 rho12=0.067)
nium chloride (N); Varel_Bryant_medium_Glucose_noMET_DTT_NaS_B12_r
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

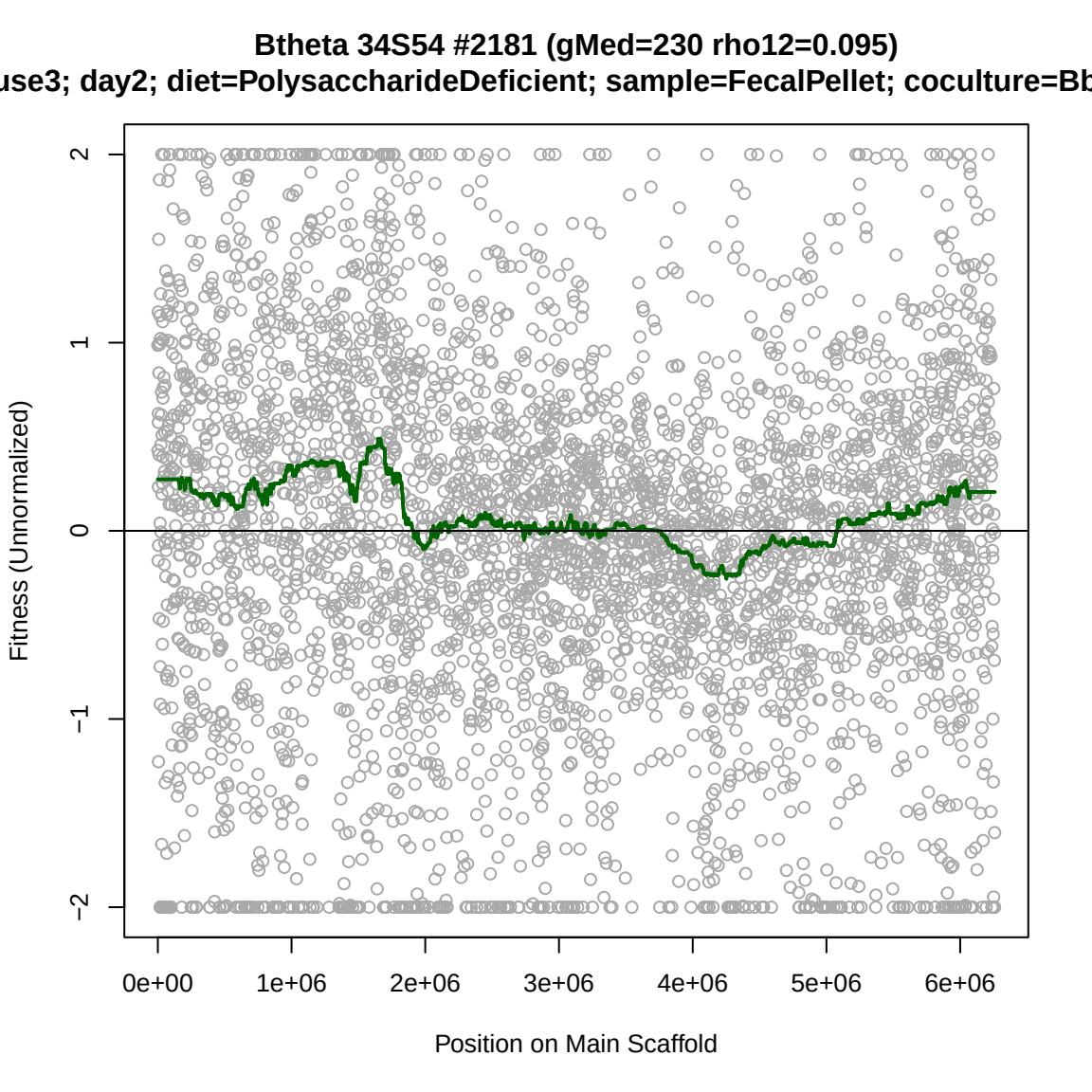

Btheta 34S49 #2176 (gMed=265 rho12=0.211)
1; mouse1; day2; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

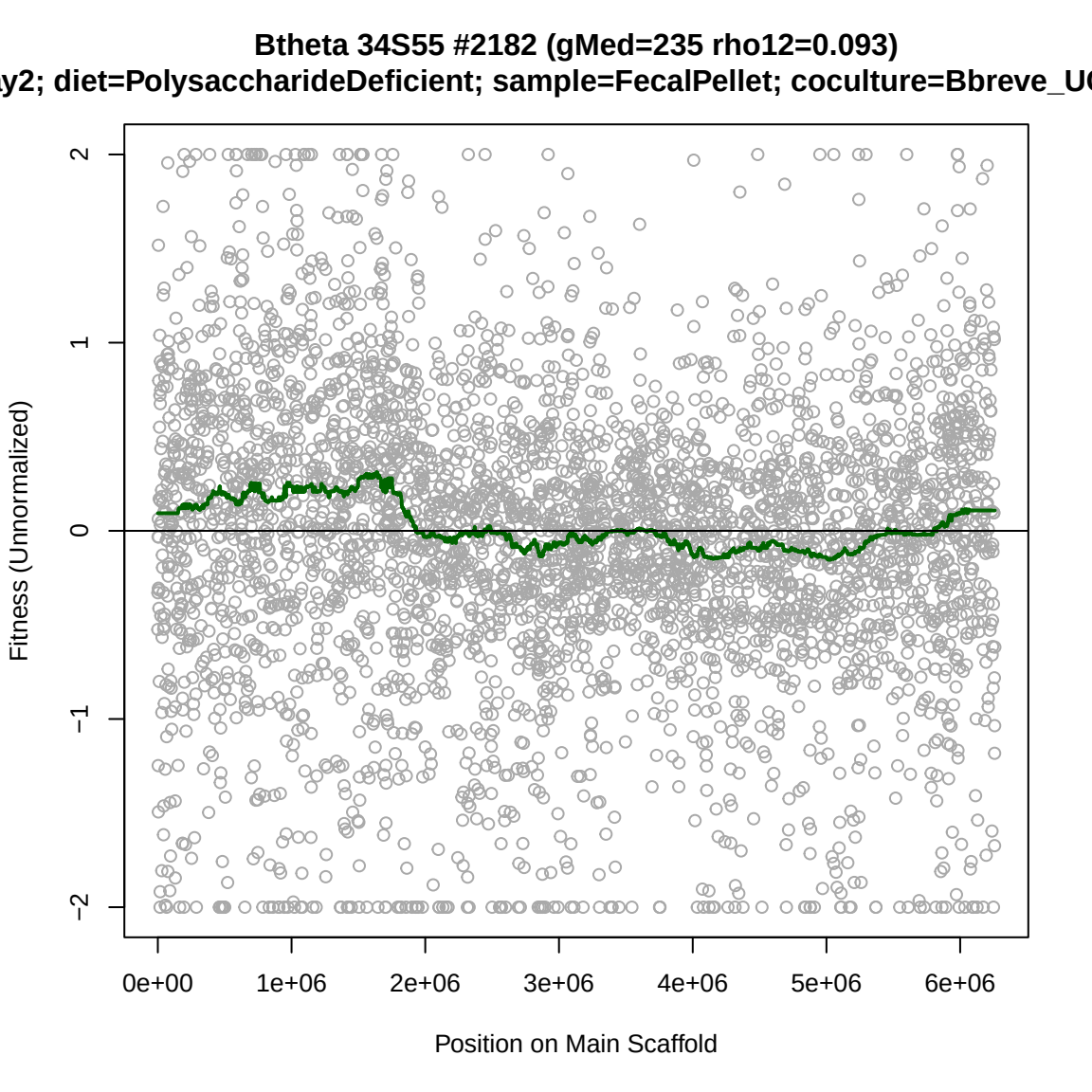

Btheta 34S50 #2177 (gMed=231 rho12=0.177)
1; mouse2; day2; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

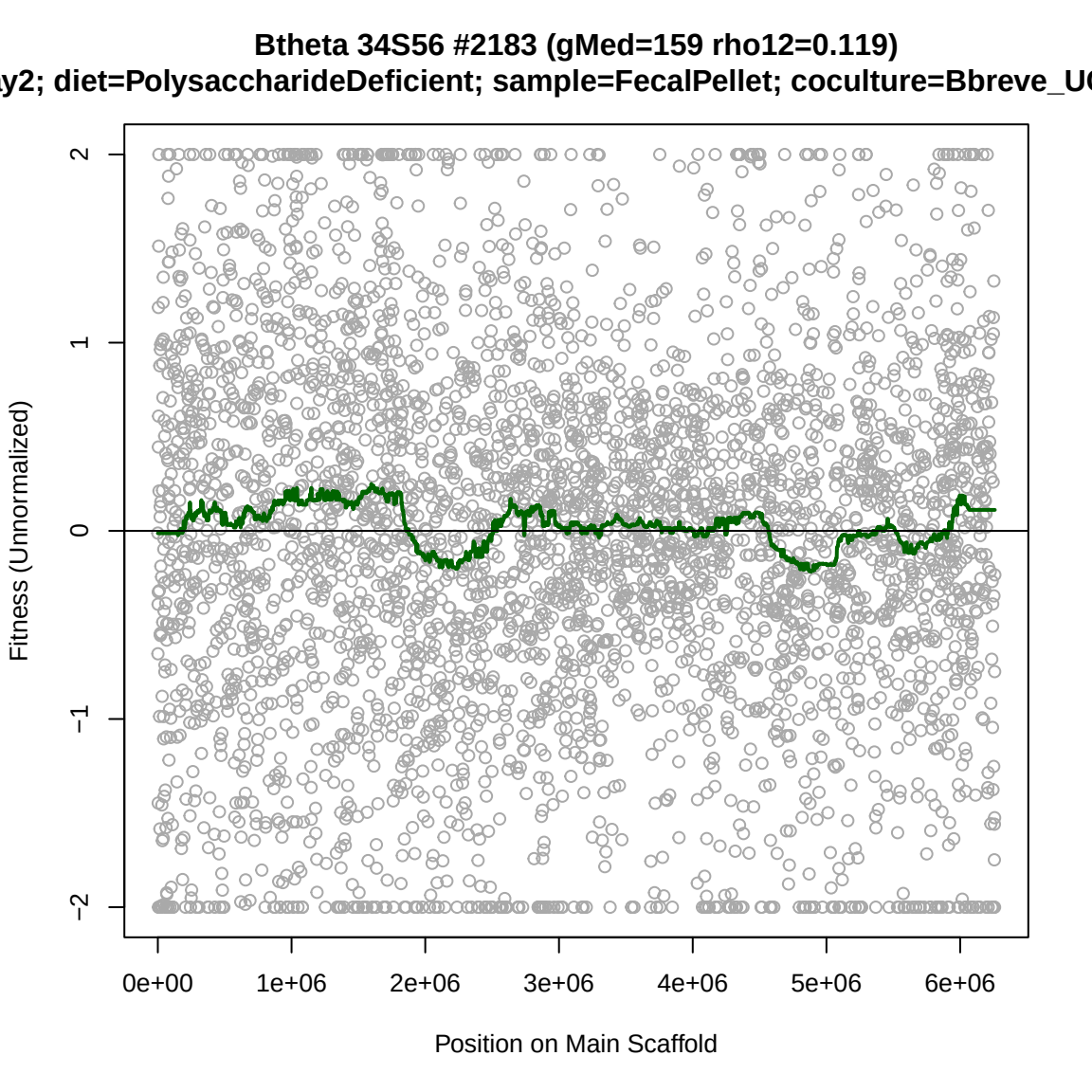

Btheta 34S51 #2178 (gMed=261 rho12=0.204)
1; mouse3; day2; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

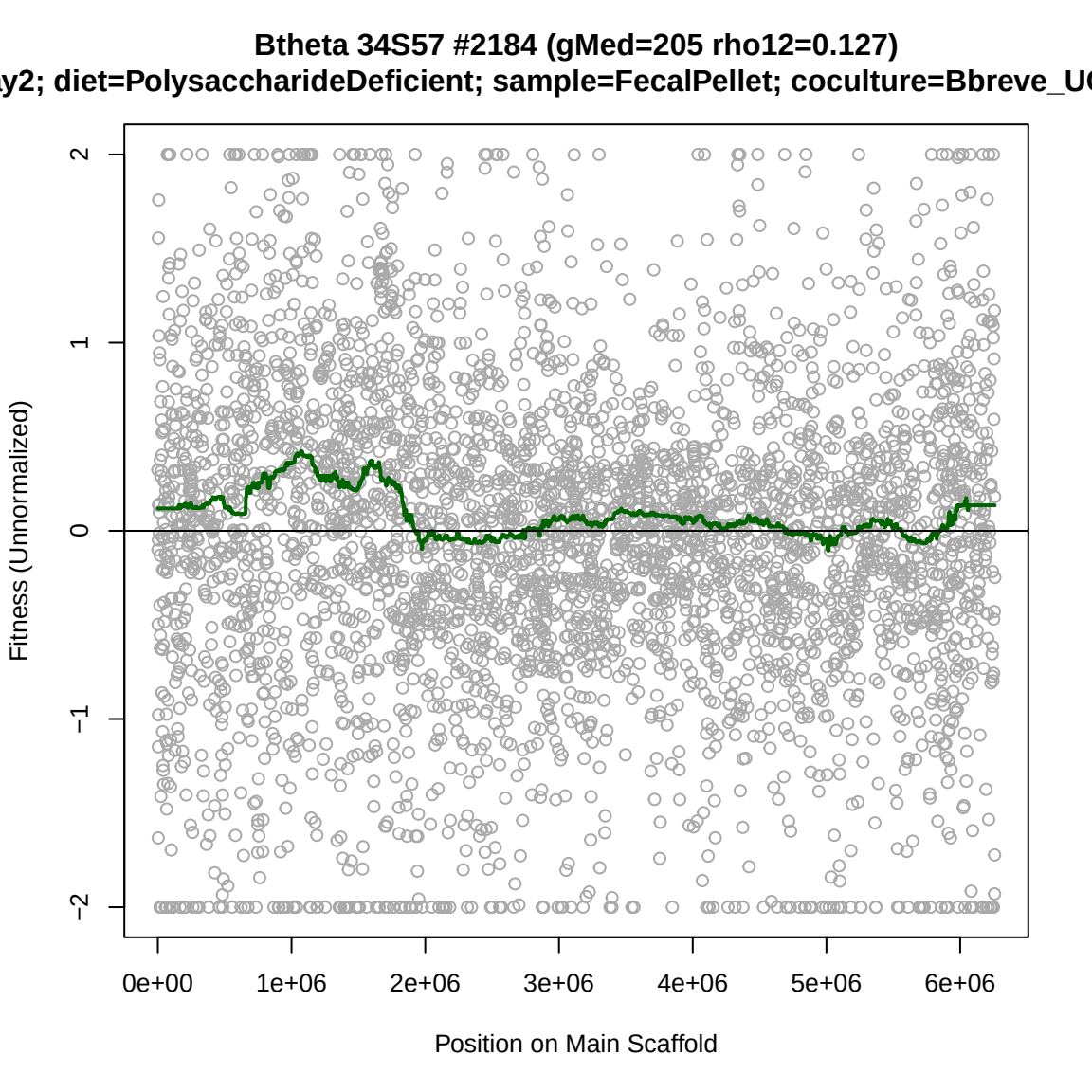

Btheta 34S52 #2179 (gMed=179 rho12=0.120)
use1; day2; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

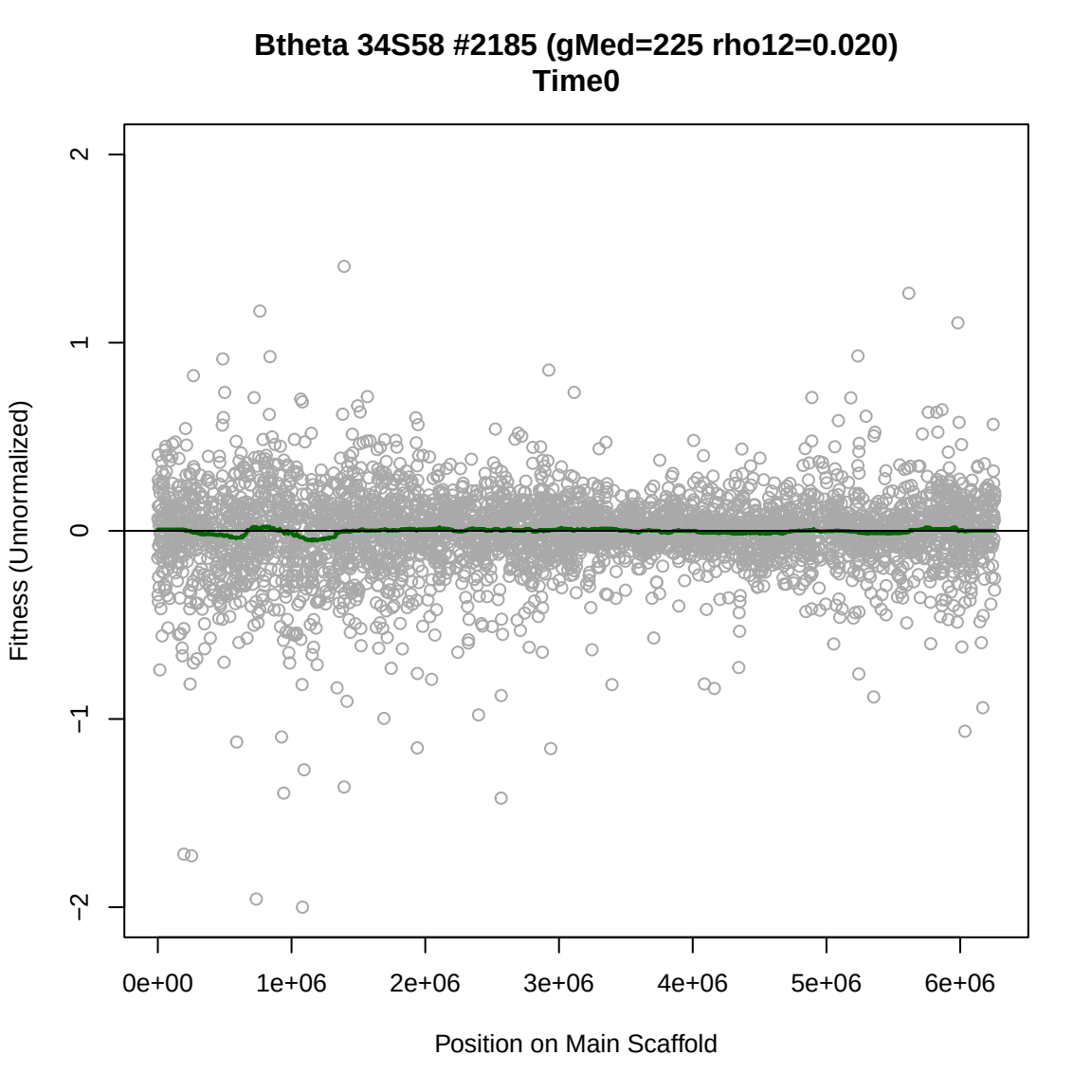

Btheta 34S53 #2180 (gMed=261 rho12=0.121)
use2; day2; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

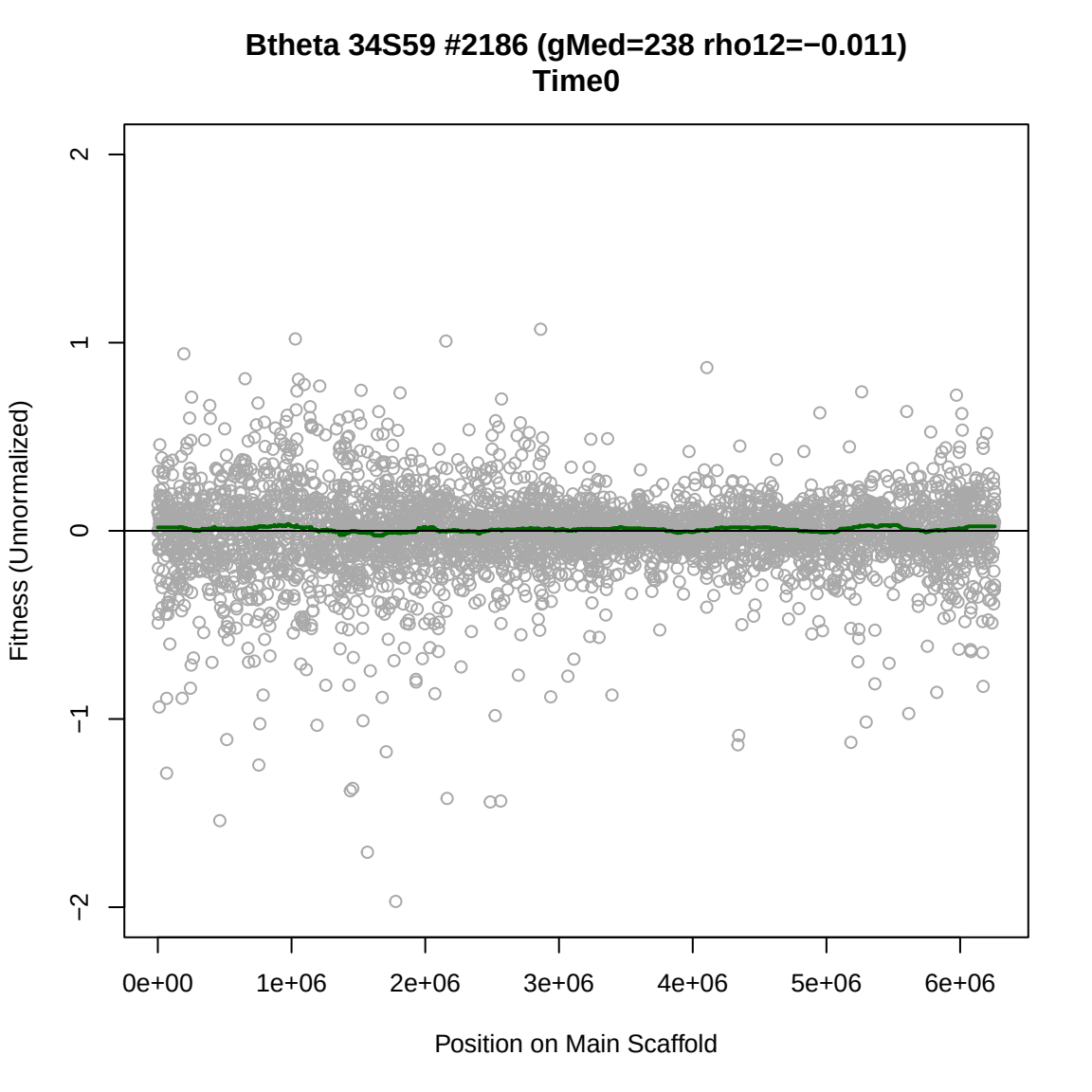

Btheta 34S54 #2181 (gMed=230 rho12=0.095)
use3; day2; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

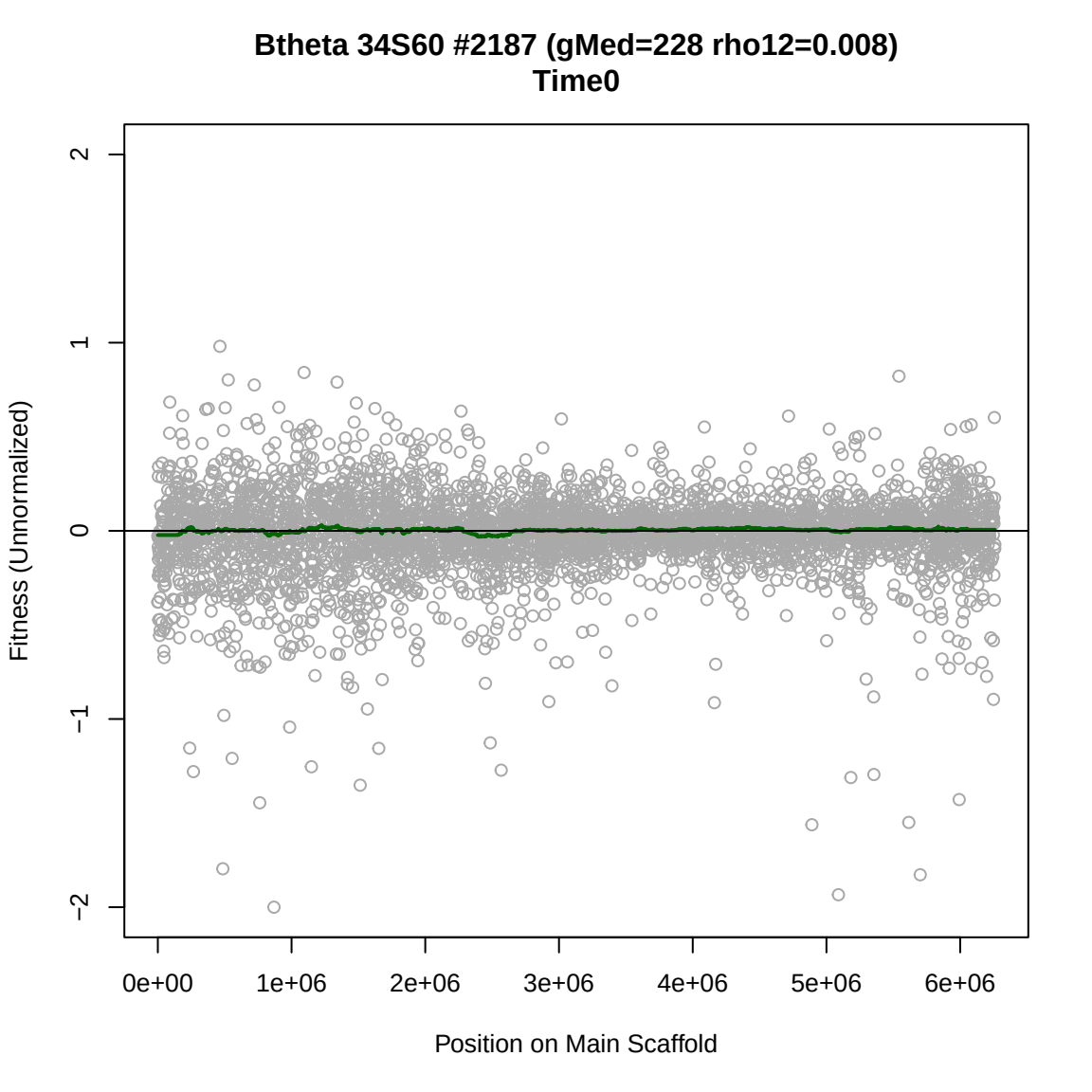

Btheta 34S55 #2182 (gMed=235 rho12=0.093)
y2; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

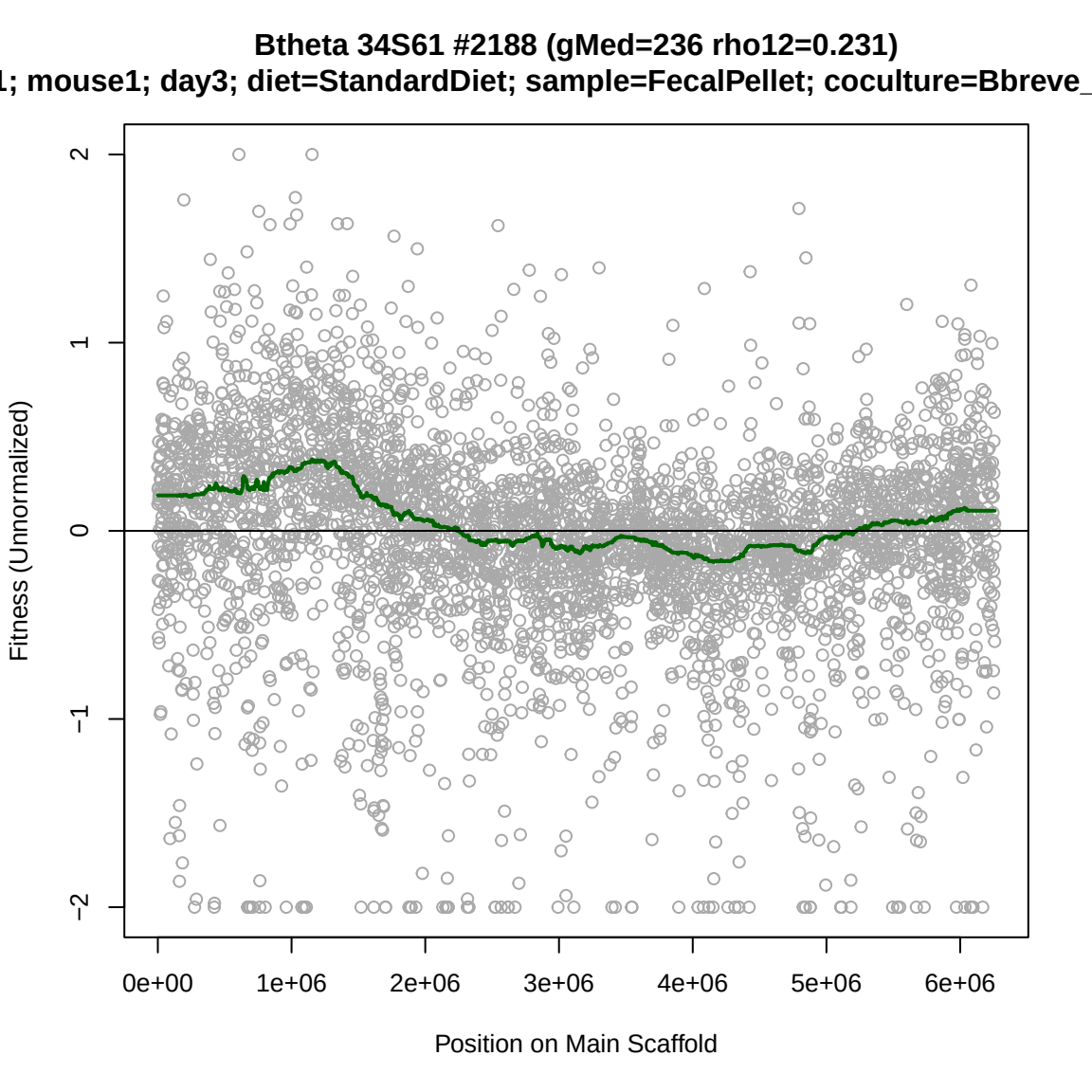

Btheta 34S56 #2183 (gMed=159 rho12=0.119)
y2; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

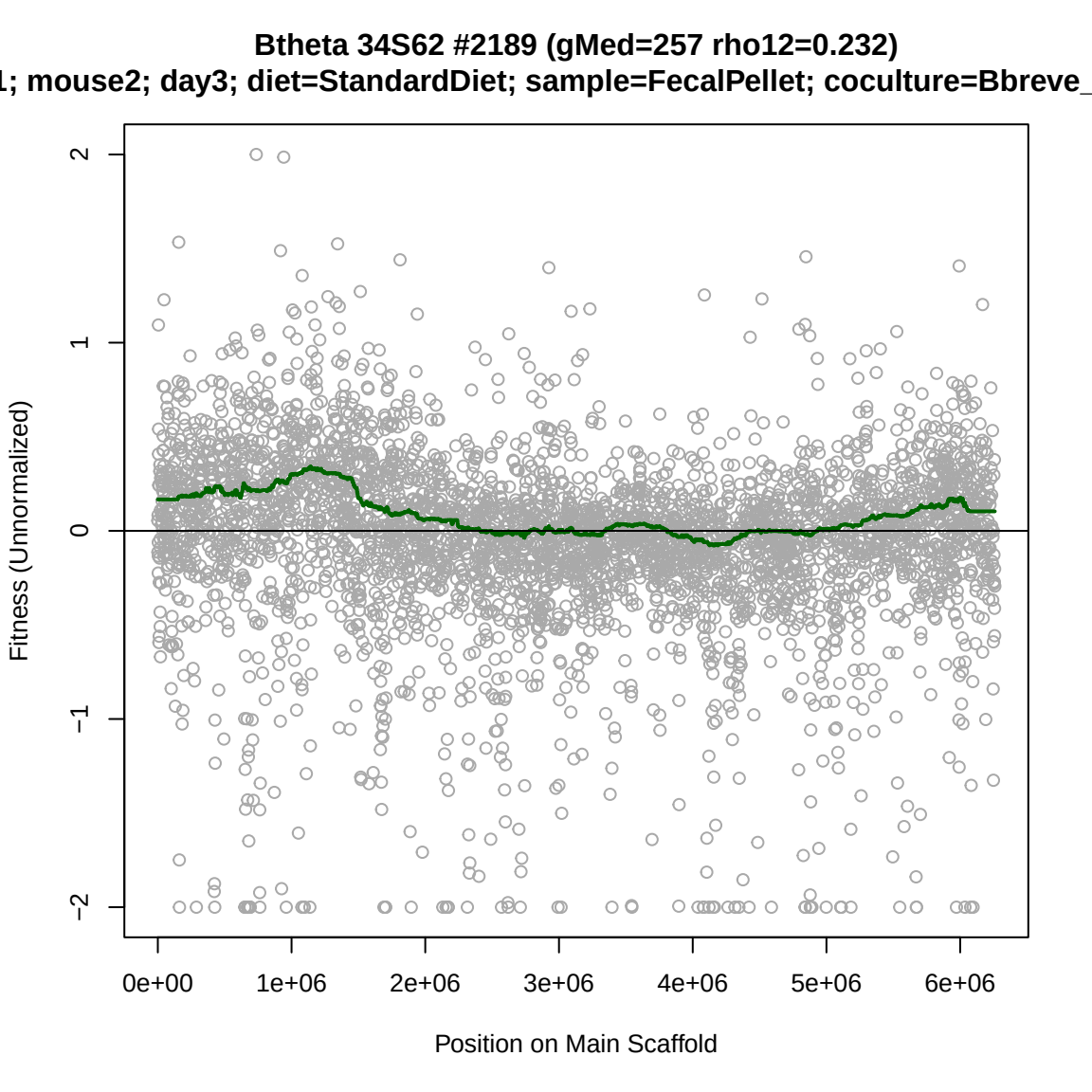

Btheta 34S57 #2184 (gMed=205 rho12=0.127)
y2; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

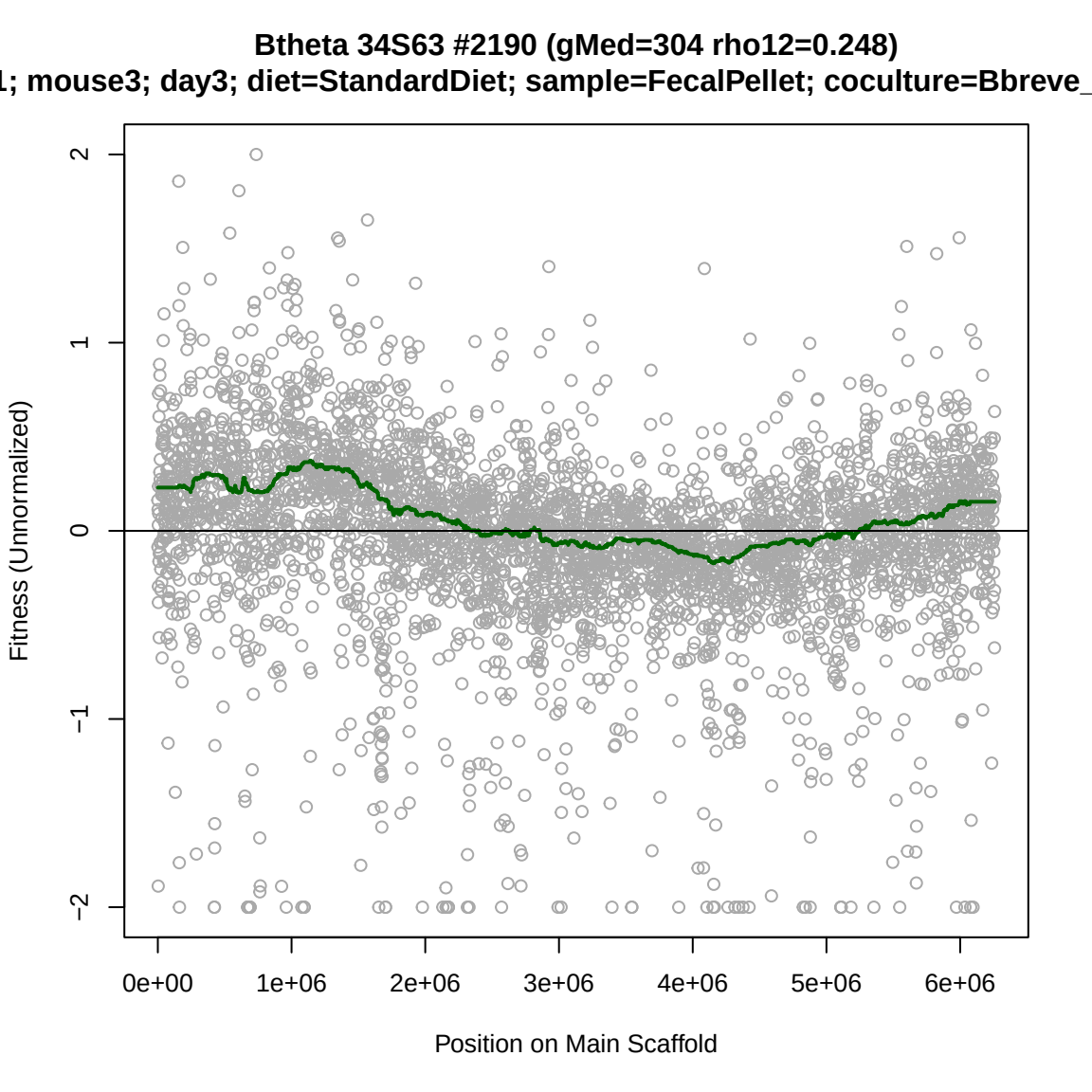

Btheta 34S58 #2185 (gMed=225 rho12=0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

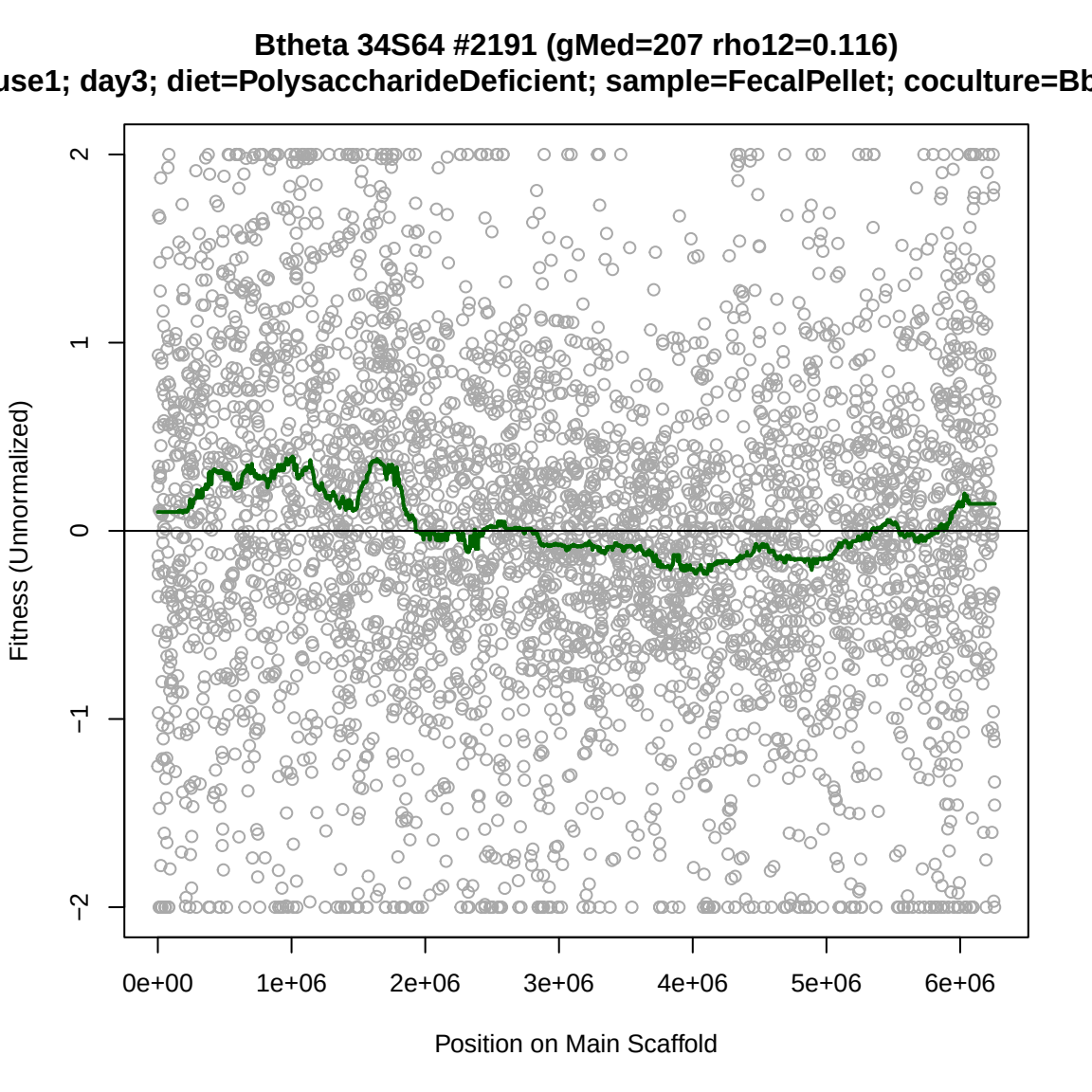

Btheta 34S59 #2186 (gMed=238 rho12=−0.011)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

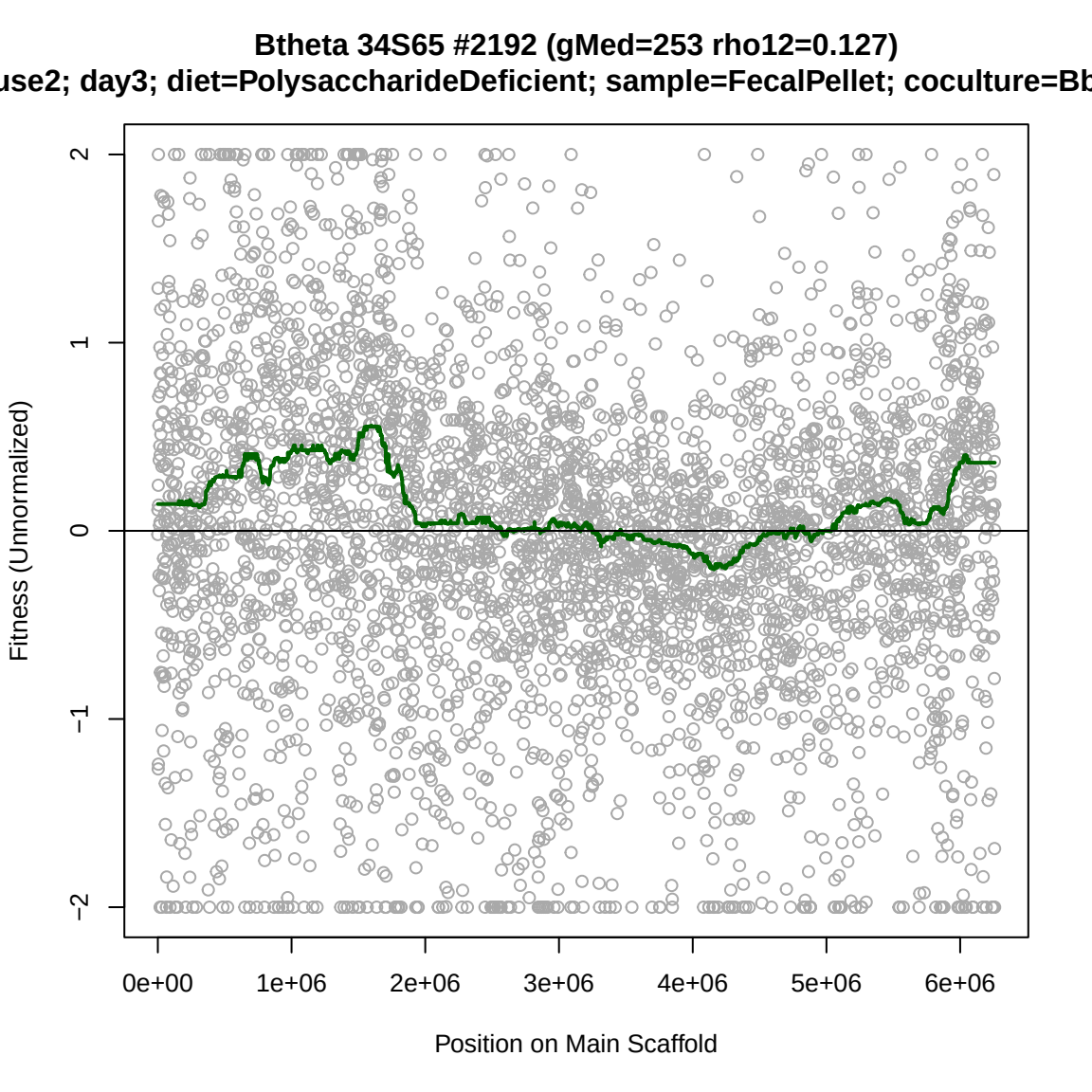

Btheta 34S60 #2187 (gMed=228 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

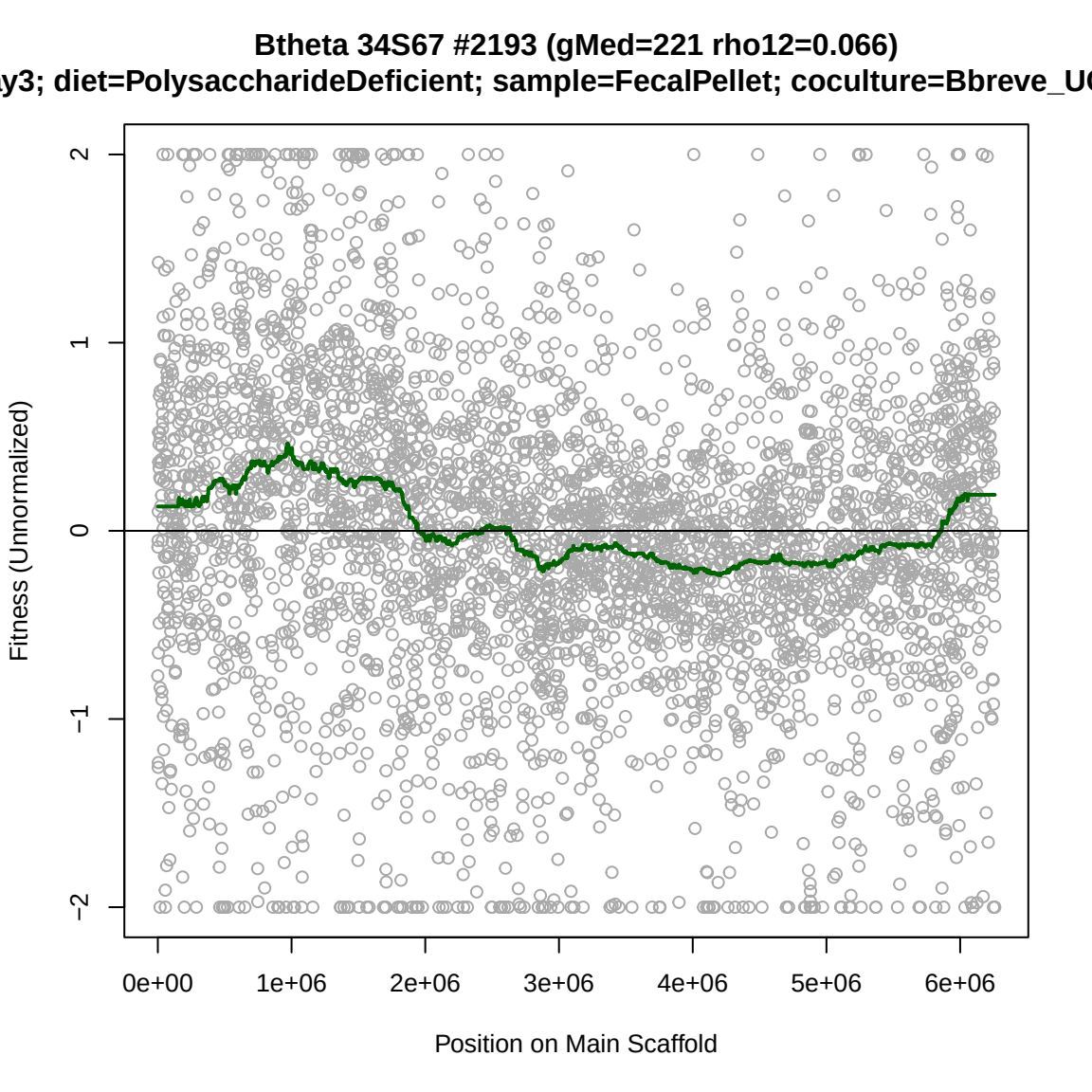

Btheta 34S61 #2188 (gMed=236 rho12=0.231)
1; mouse1; day3; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

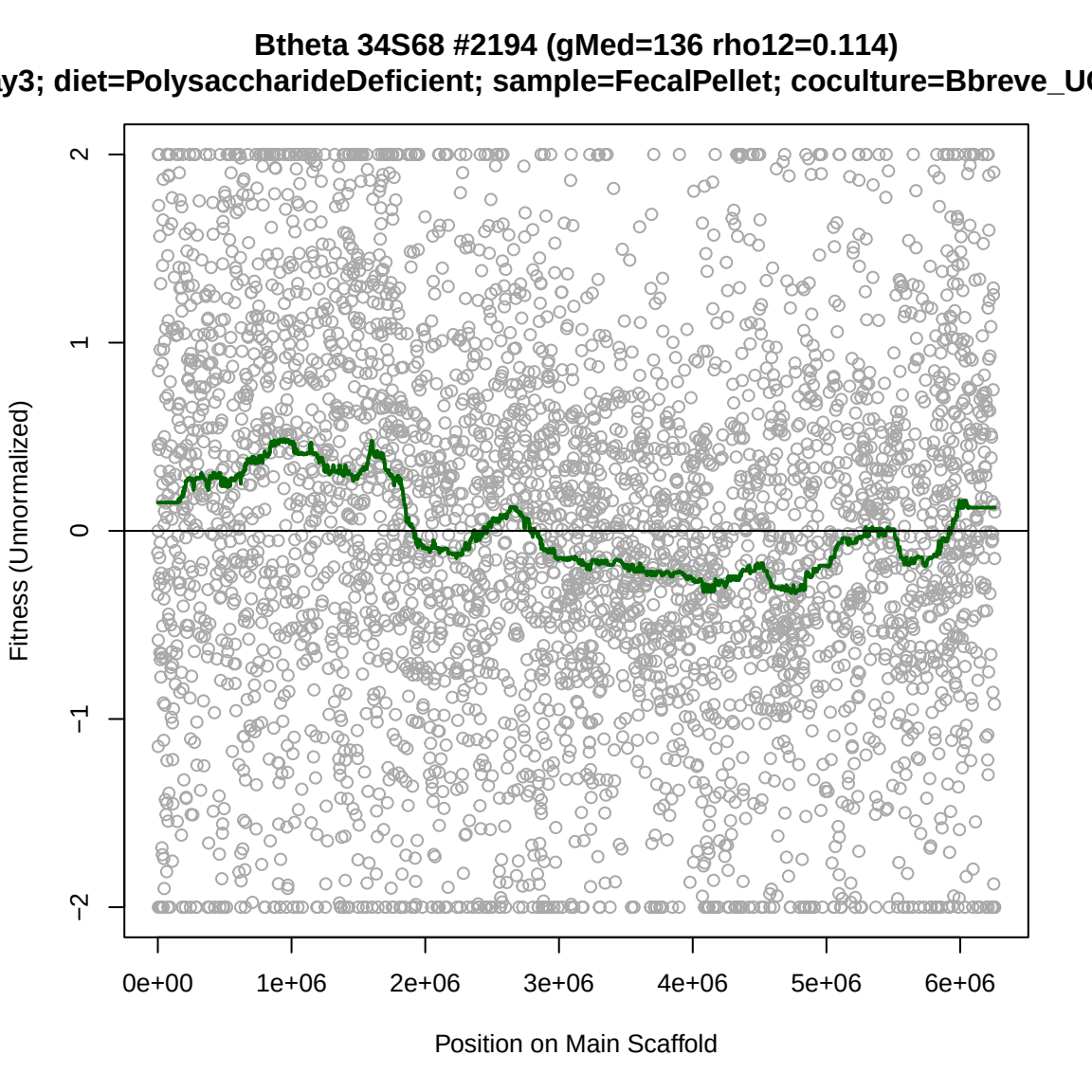

Btheta 34S62 #2189 (gMed=257 rho12=0.232)
1; mouse2; day3; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

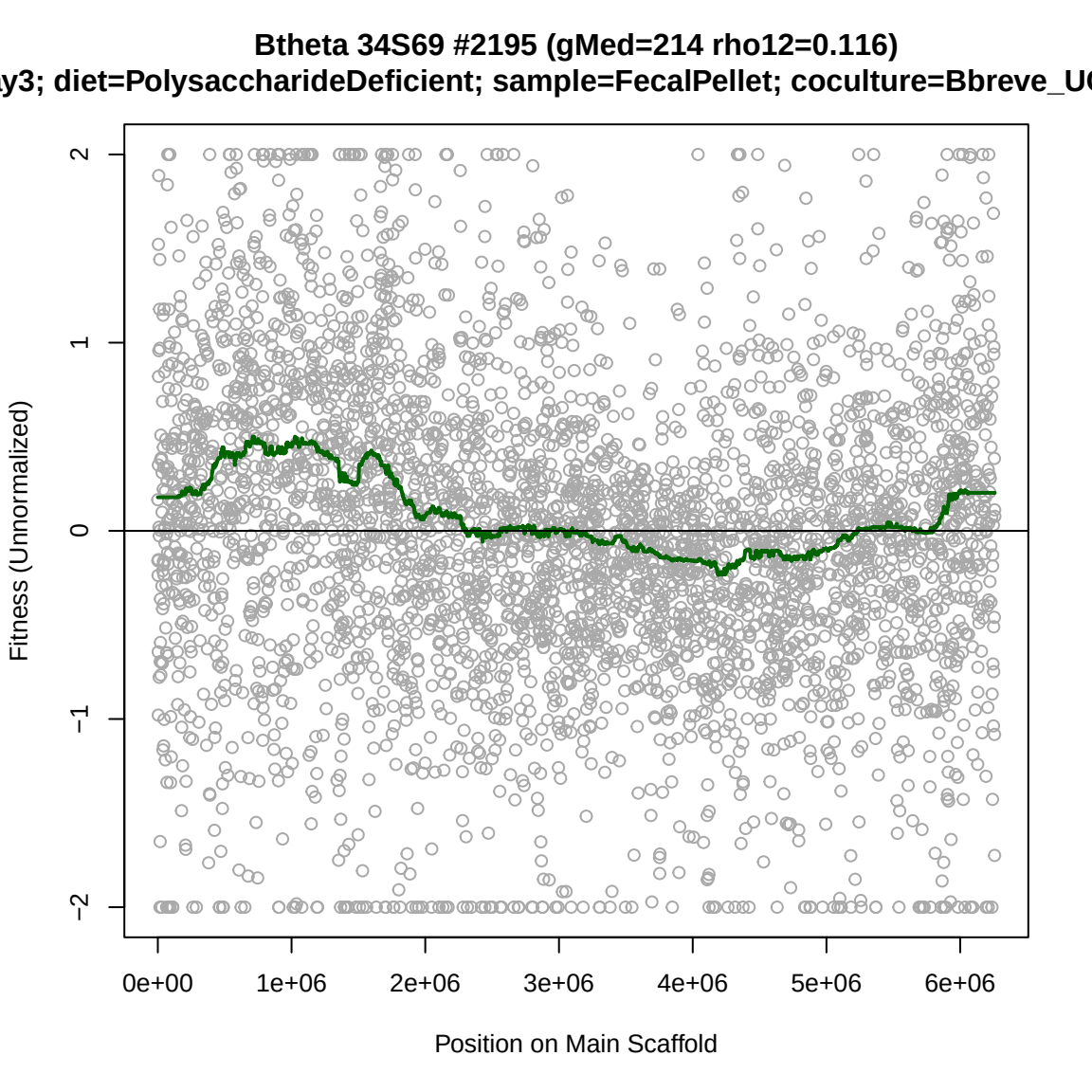

Btheta 34S63 #2190 (gMed=304 rho12=0.248)
1; mouse3; day3; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

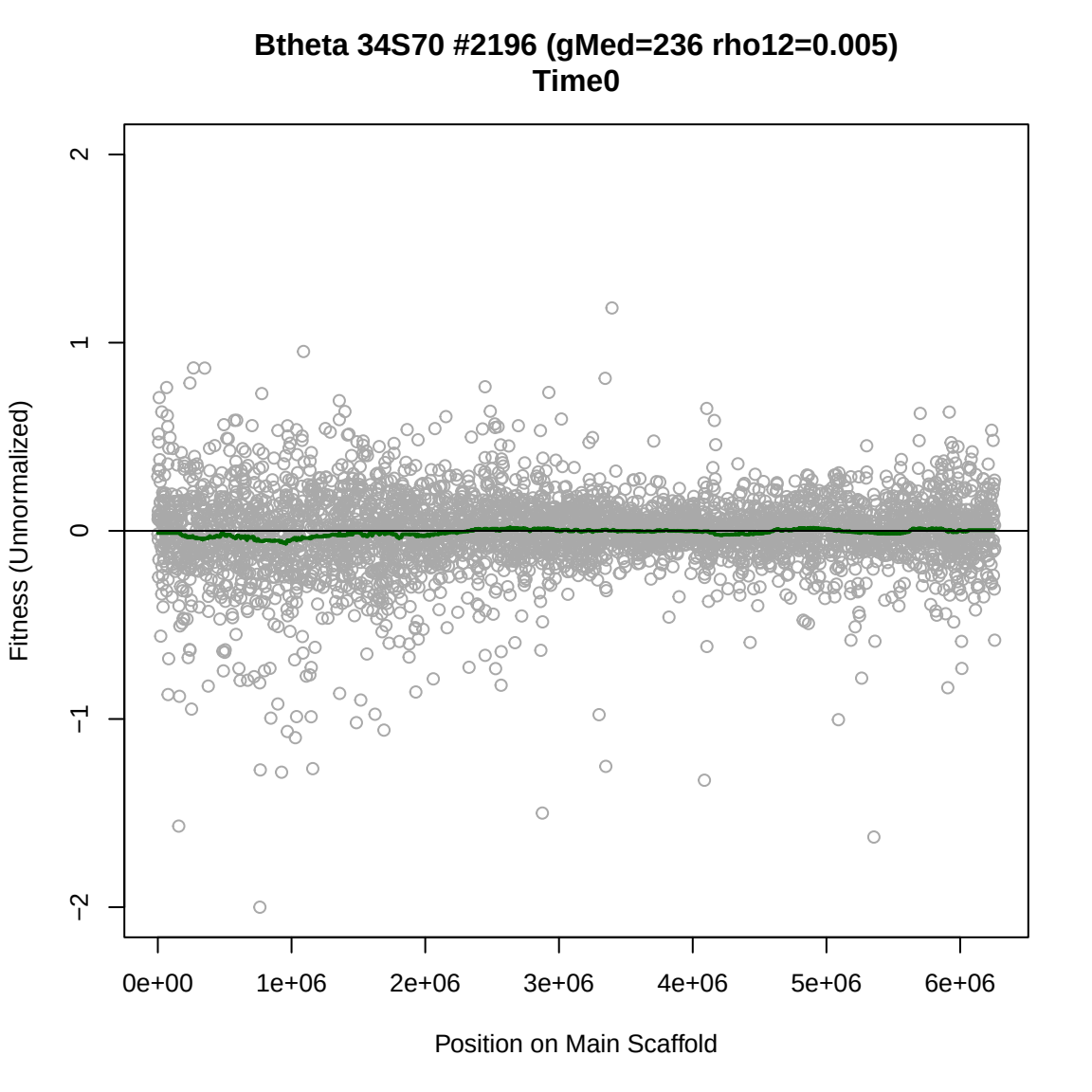

Btheta 34S64 #2191 (gMed=207 rho12=0.116)
use1; day3; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

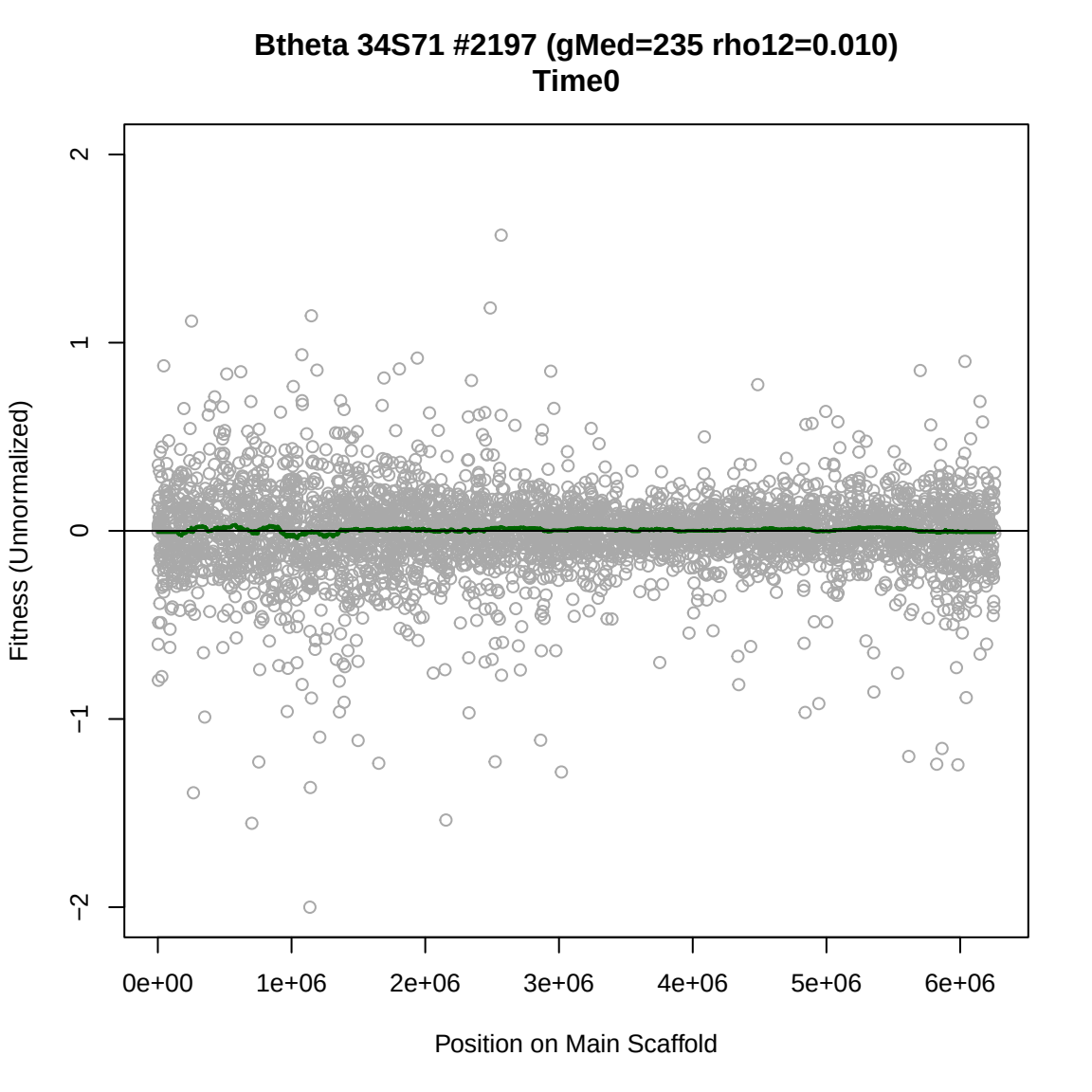

Btheta 34S65 #2192 (gMed=253 rho12=0.127)
use2; day3; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

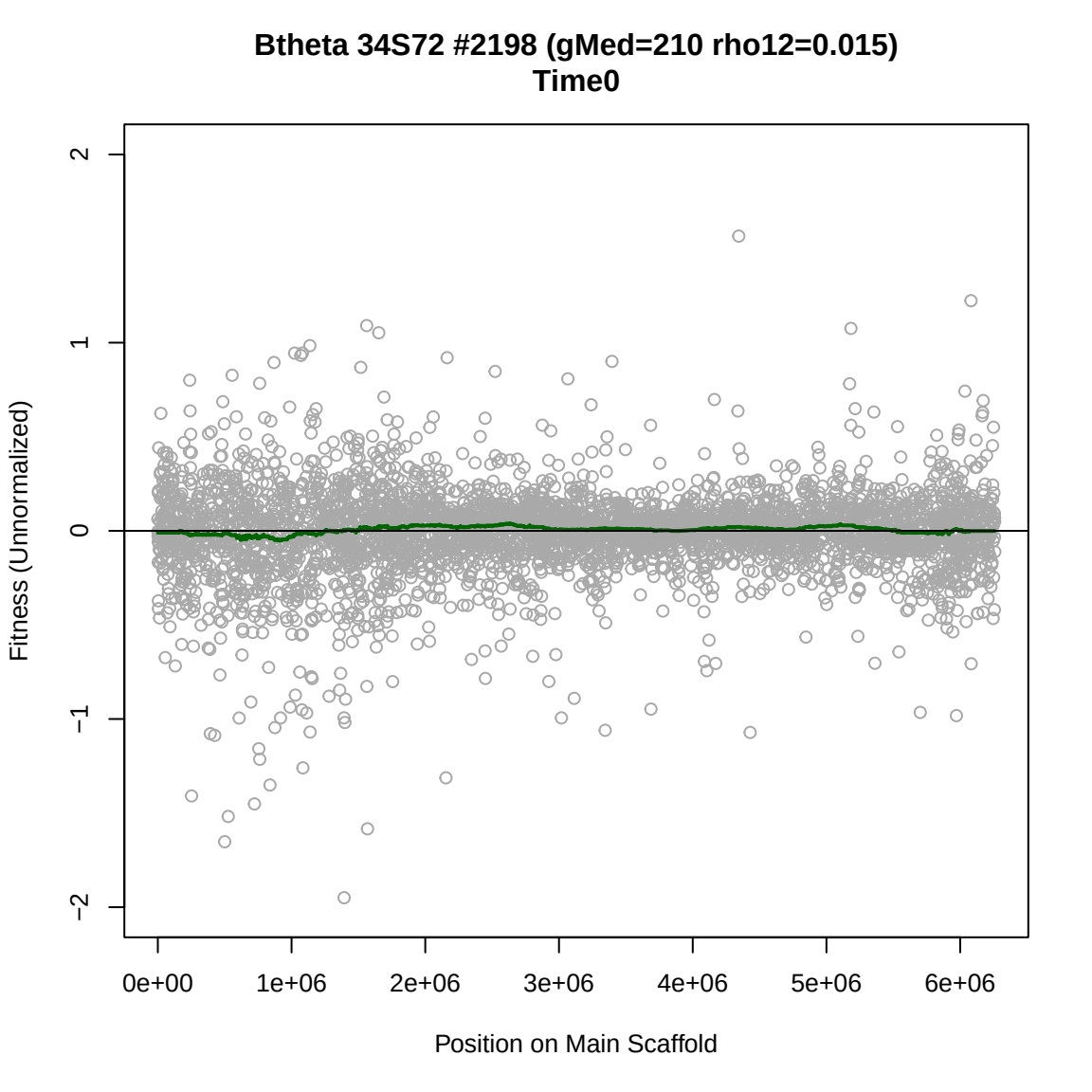

Btheta 34S67 #2193 (gMed=221 rho12=0.066)
y3; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

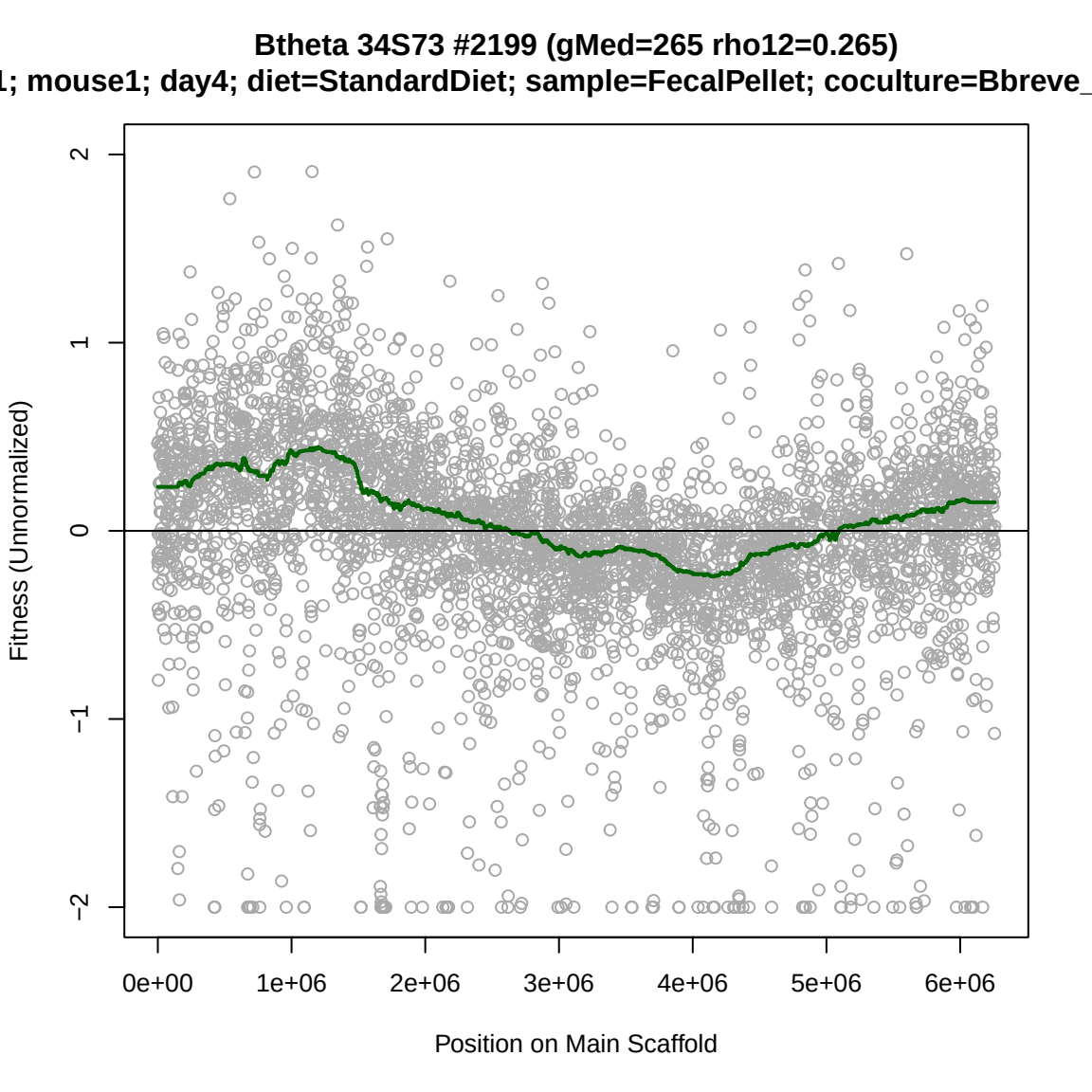

Btheta 34S68 #2194 (gMed=136 rho12=0.114)
y3; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

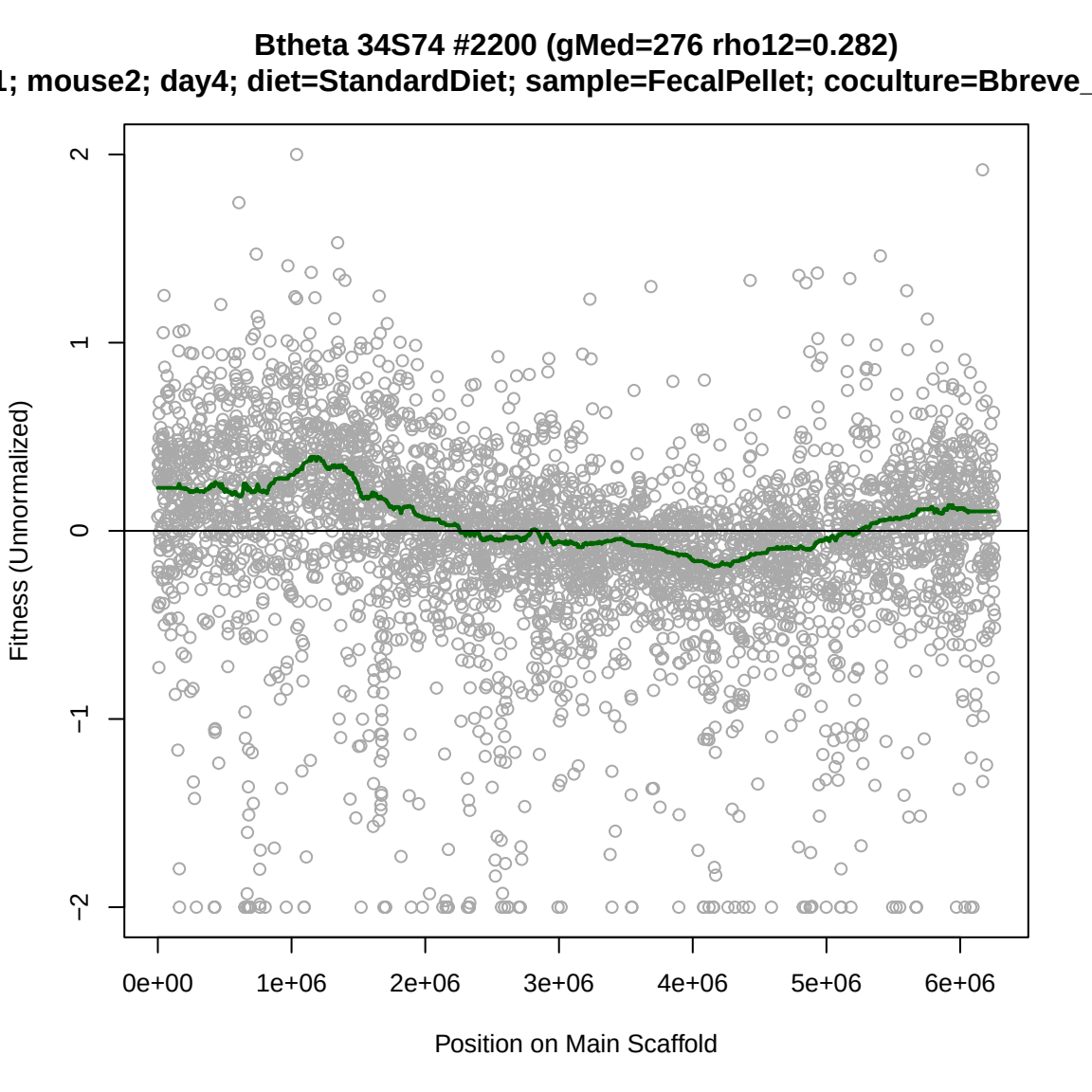

Btheta 34S69 #2195 (gMed=214 rho12=0.116)
y3; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

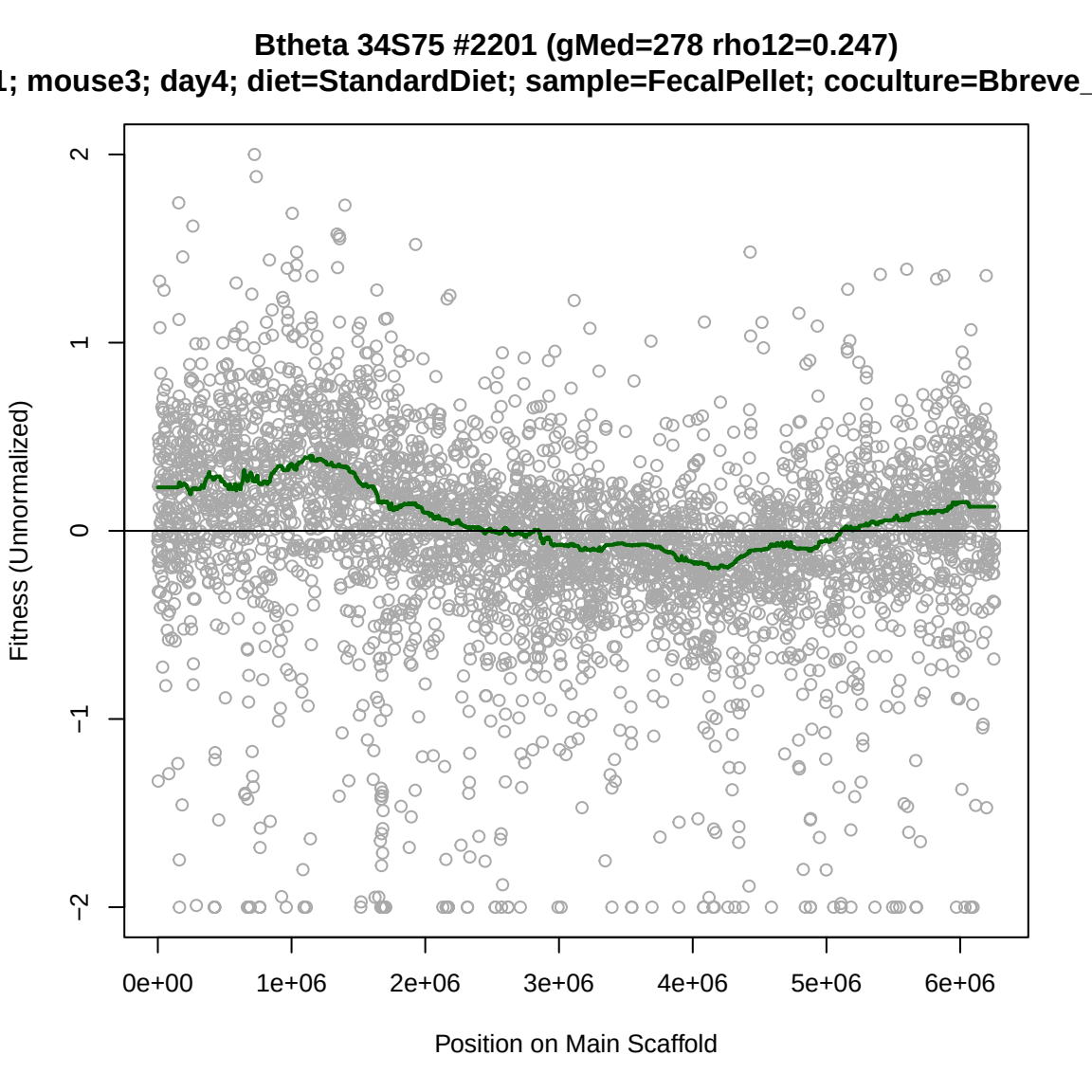

Btheta 34S70 #2196 (gMed=236 rho12=0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

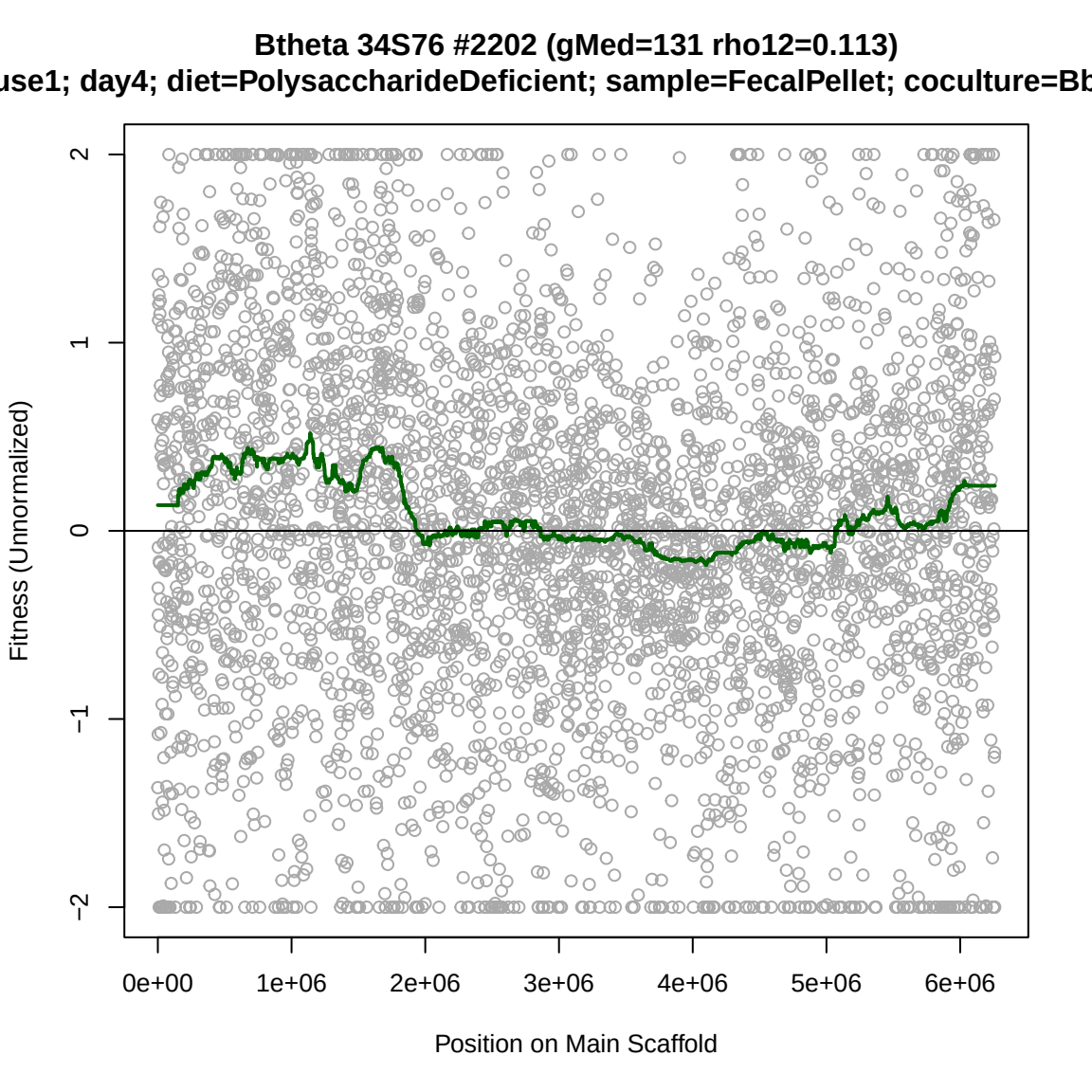

Btheta 34S71 #2197 (gMed=235 rho12=0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

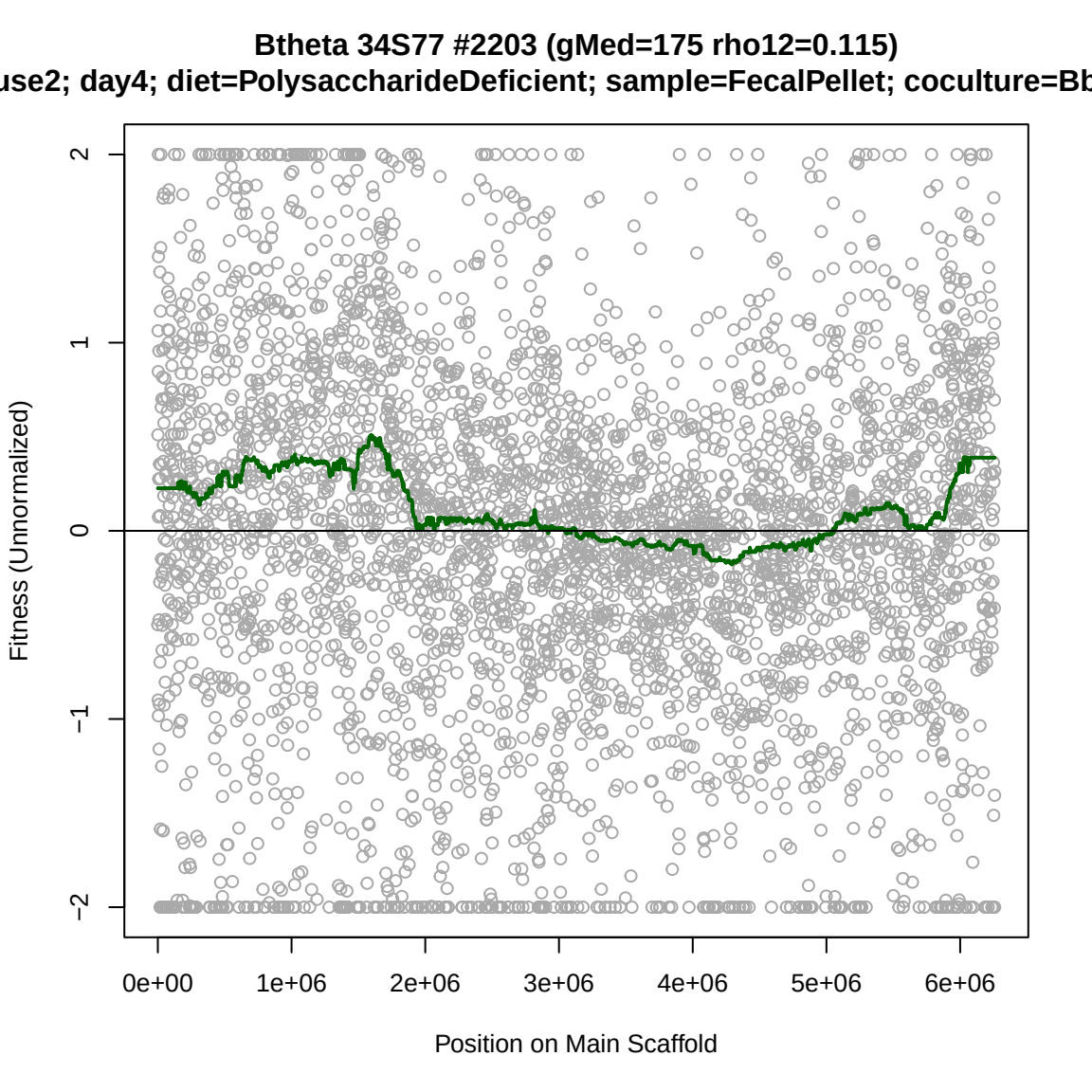

Btheta 34S72 #2198 (gMed=210 rho12=0.015)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

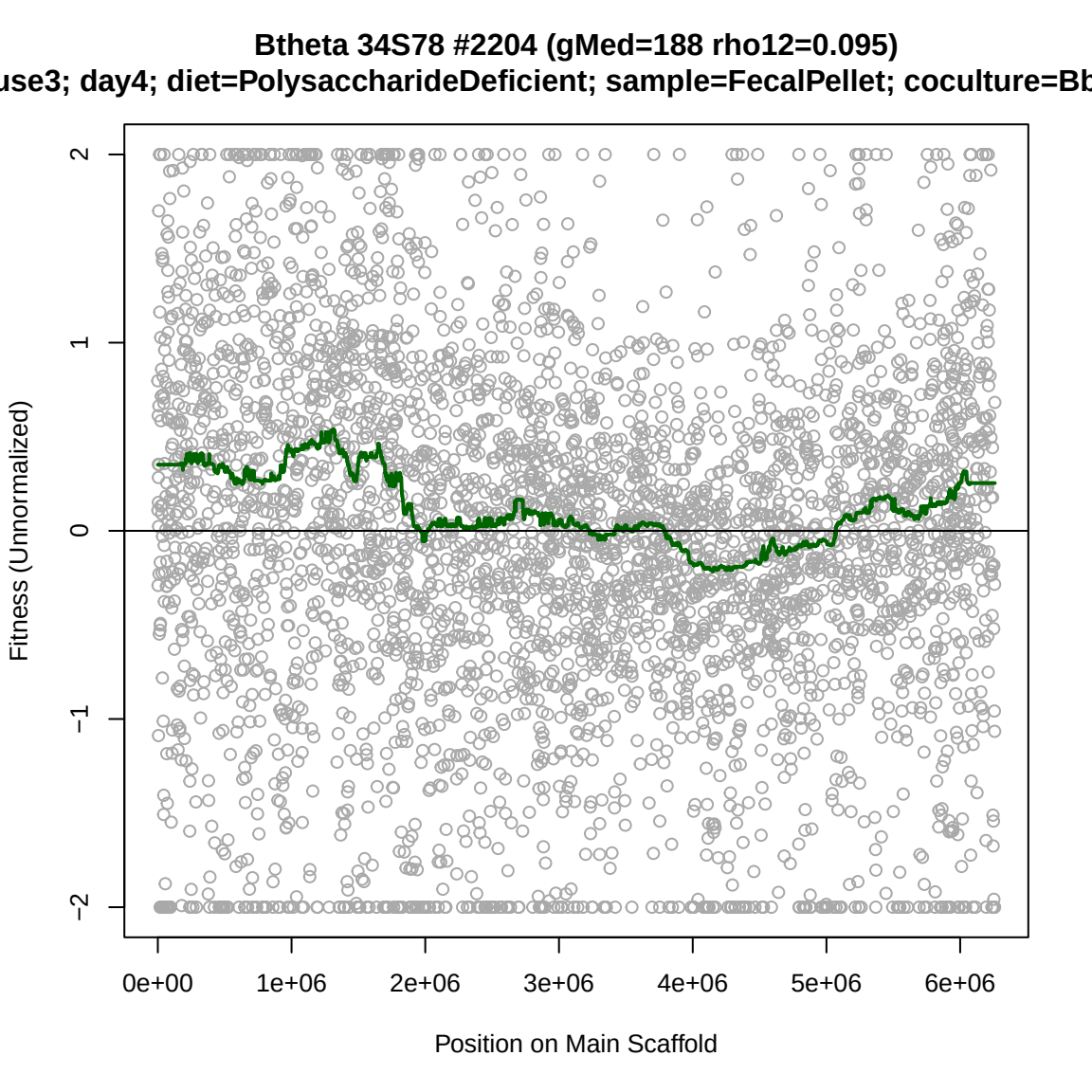

Btheta 34S73 #2199 (gMed=265 rho12=0.265)
1; mouse1; day4; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

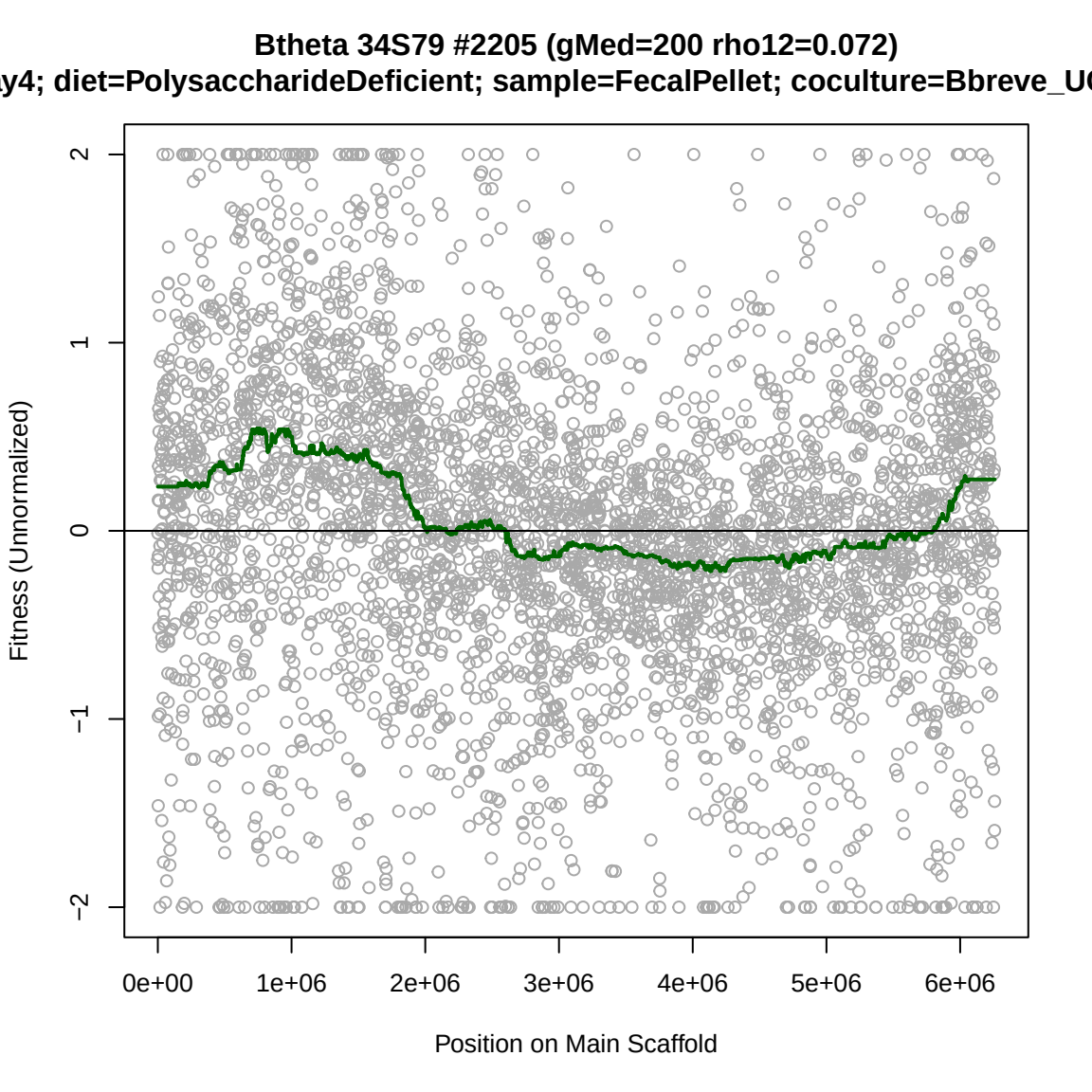

Btheta 34S74 #2200 (gMed=276 rho12=0.282)
1; mouse2; day4; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

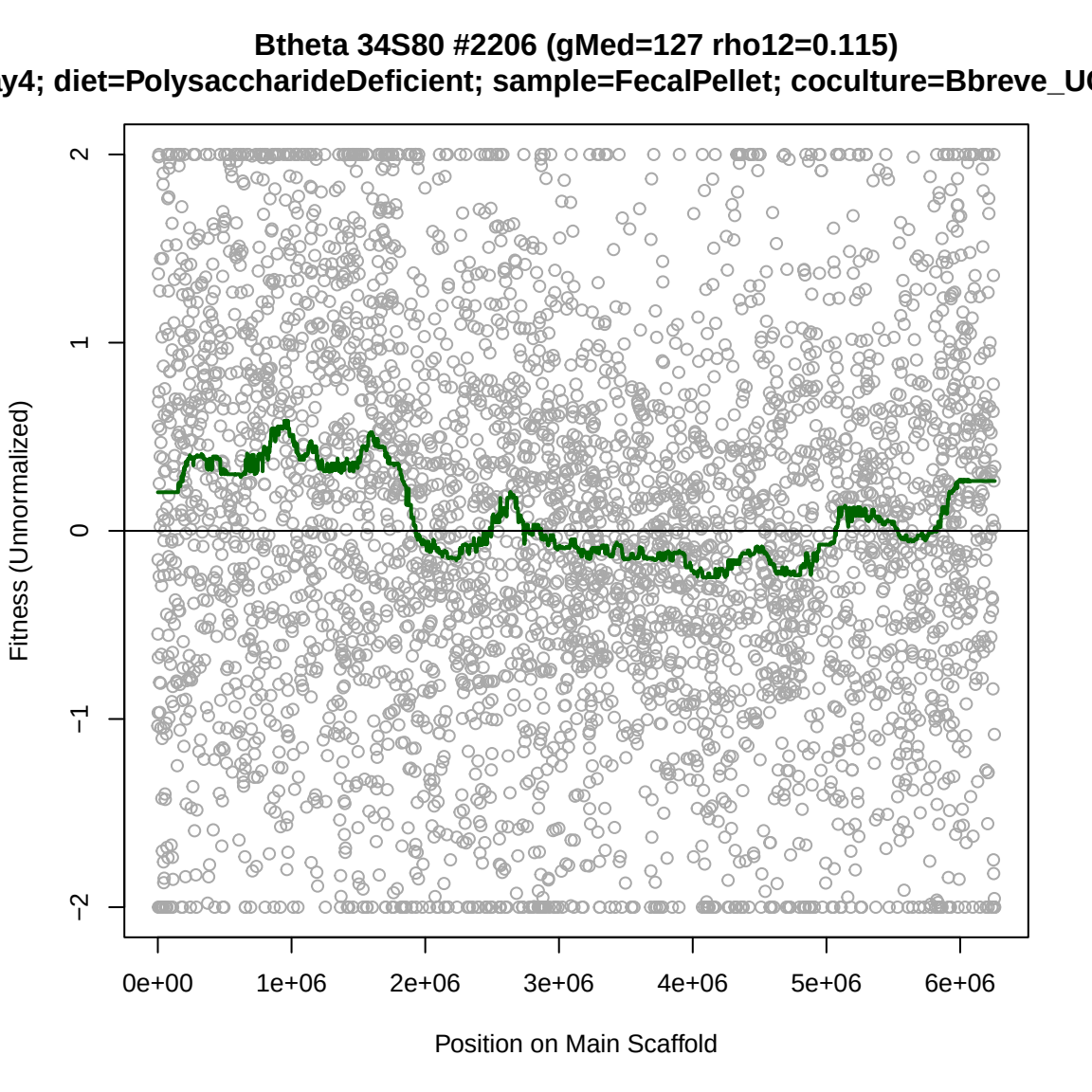

Btheta 34S75 #2201 (gMed=278 rho12=0.247)
1; mouse3; day4; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

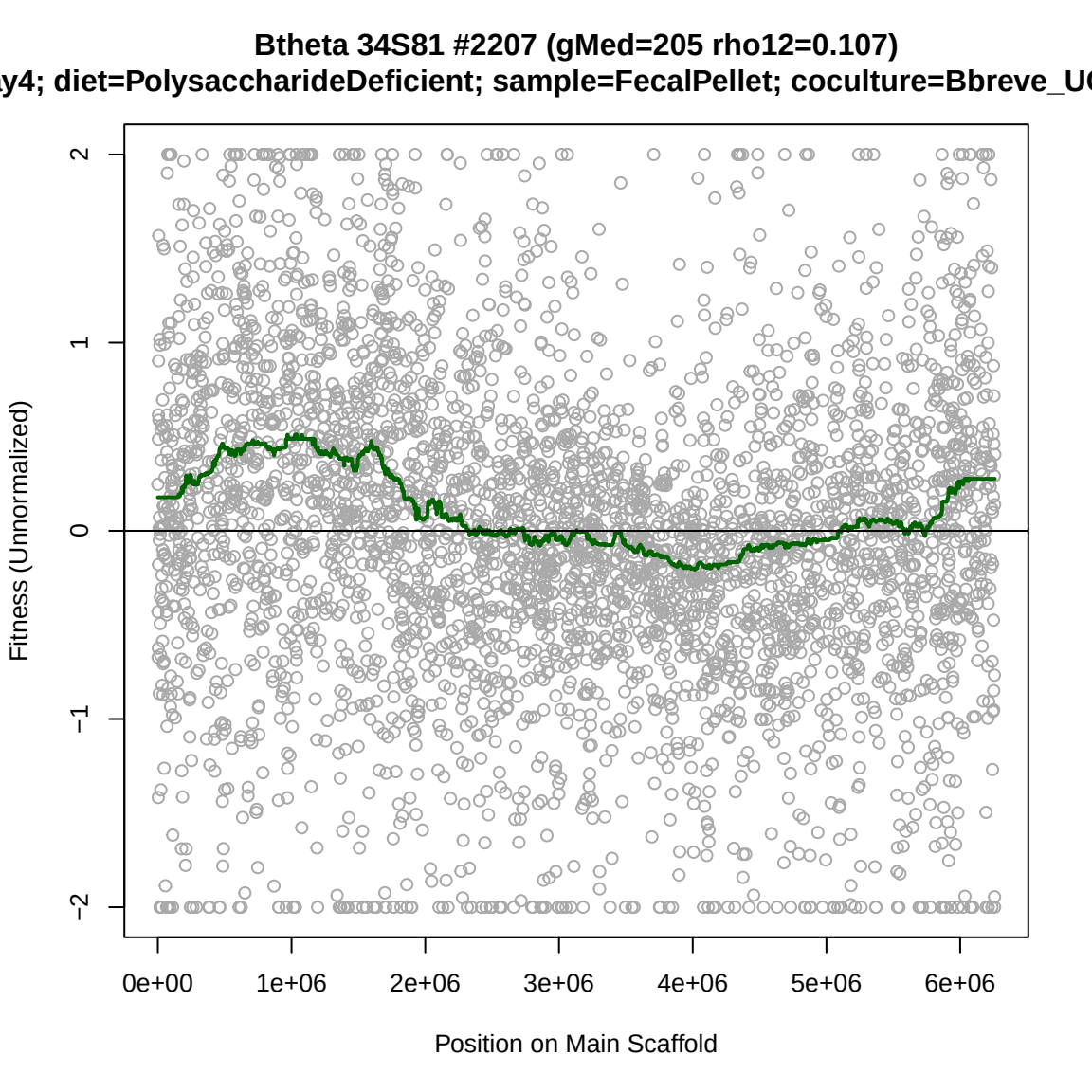

Btheta 34S76 #2202 (gMed=131 rho12=0.113)
use1; day4; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

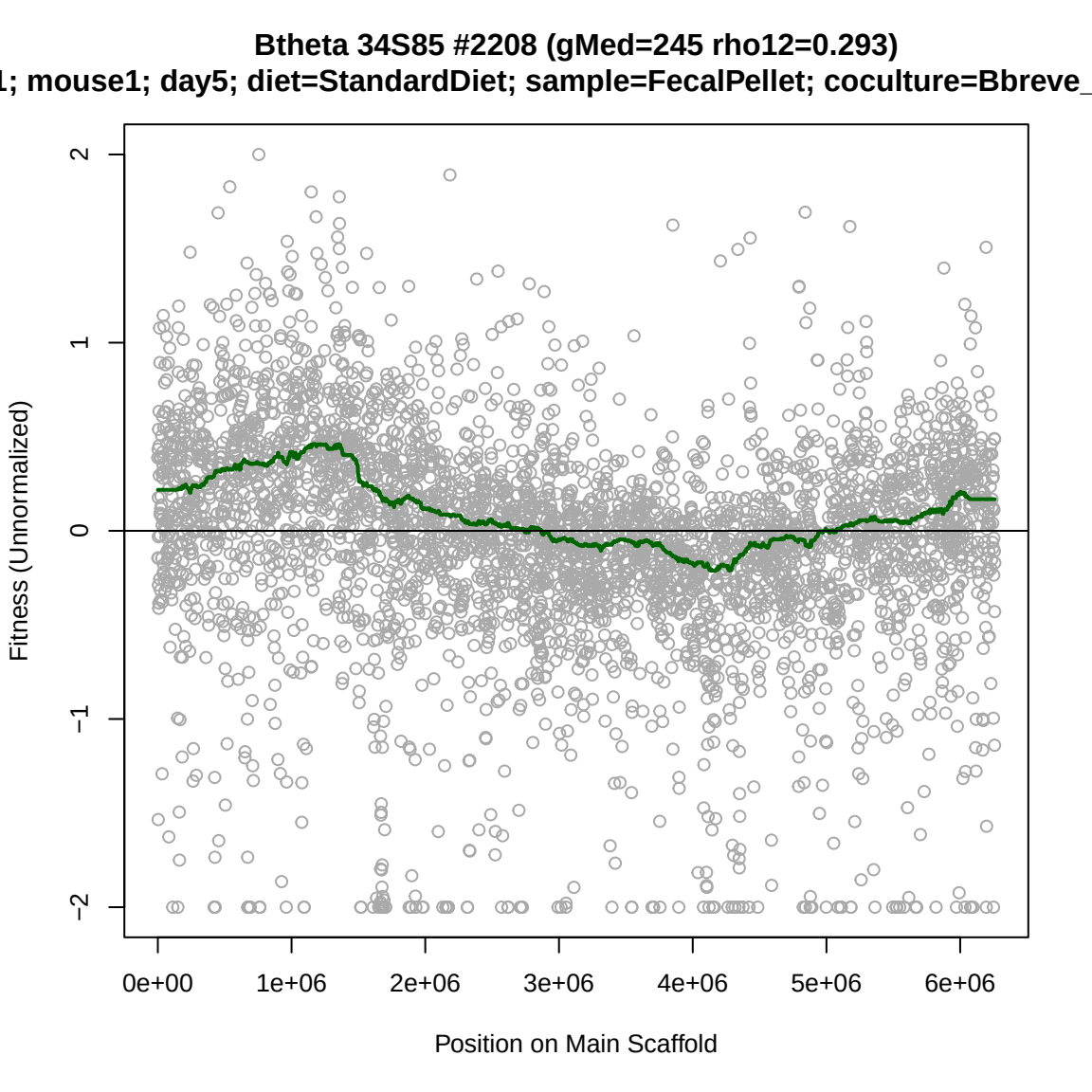

Btheta 34S77 #2203 (gMed=175 rho12=0.115)
use2; day4; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

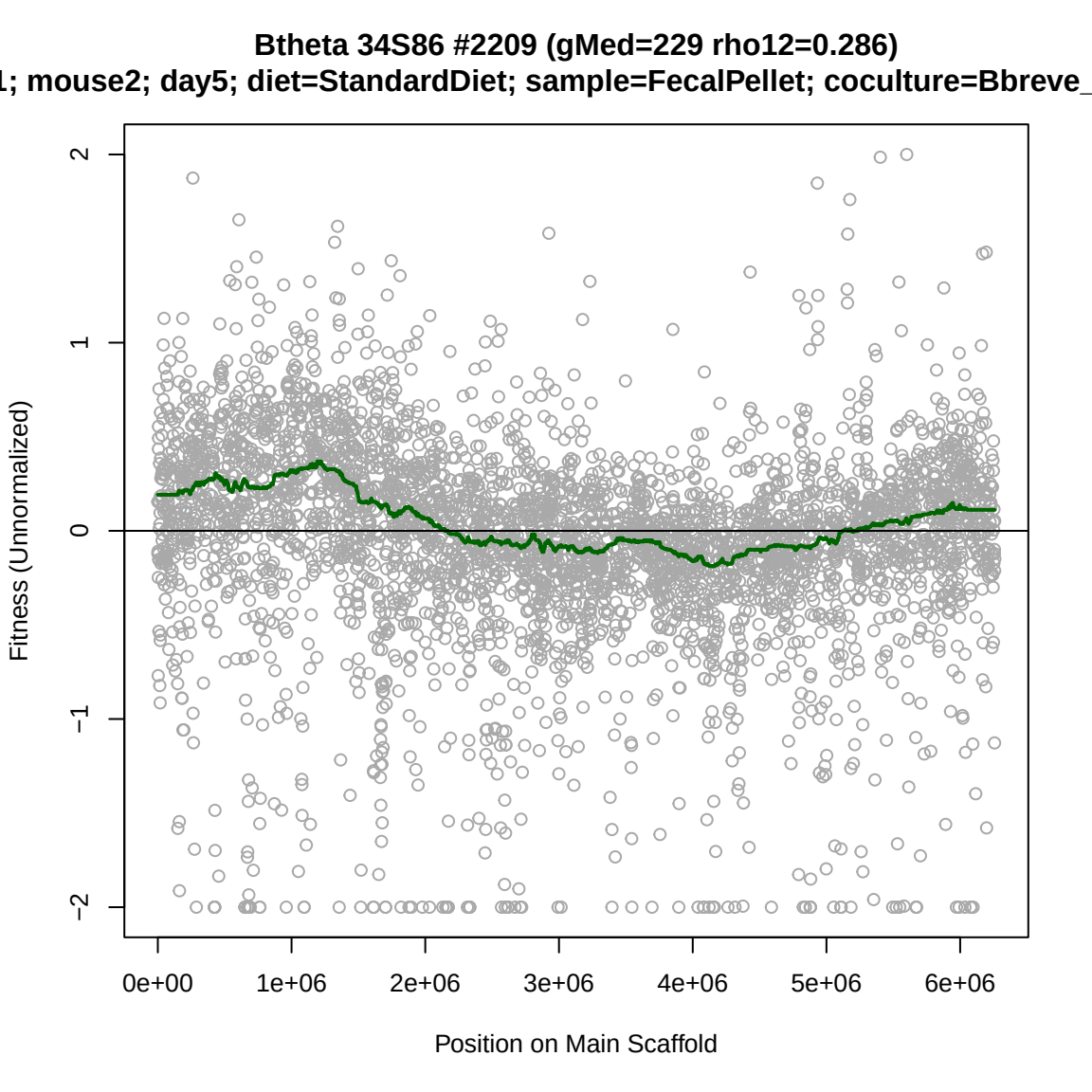

Btheta 34S78 #2204 (gMed=188 rho12=0.095)
use3; day4; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

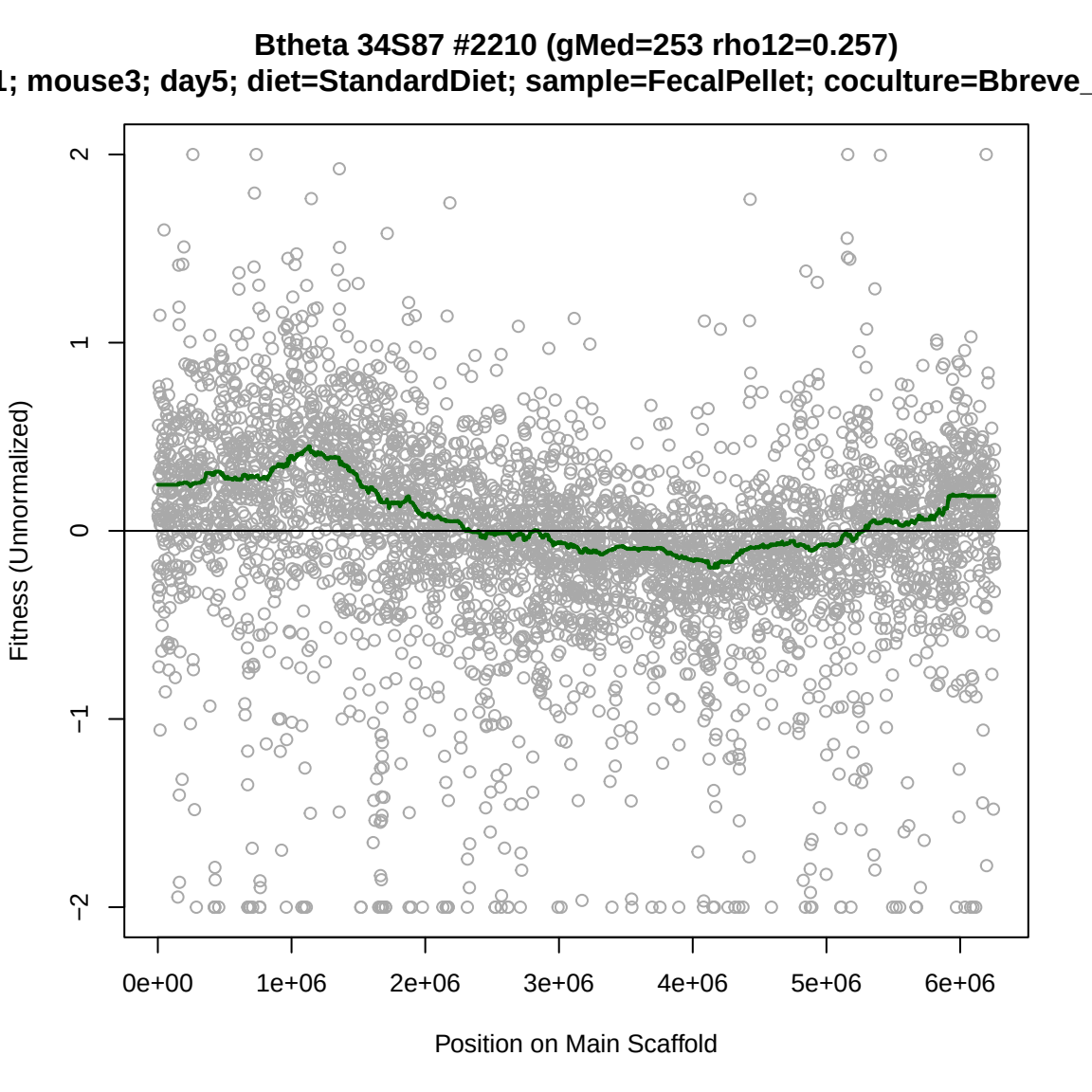

Btheta 34S79 #2205 (gMed=200 rho12=0.072)
y4; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

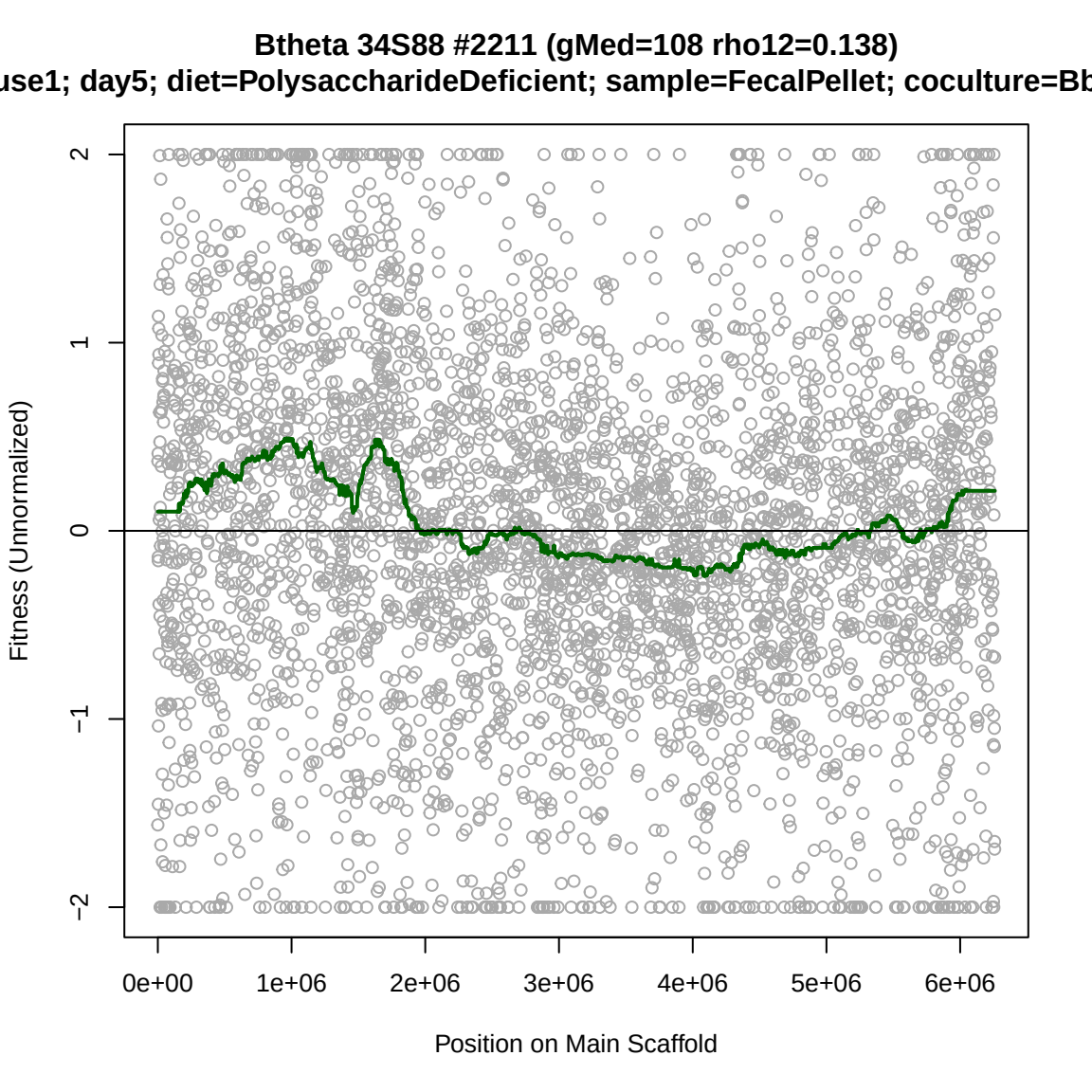

Btheta 34S80 #2206 (gMed=127 rho12=0.115)
y4; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

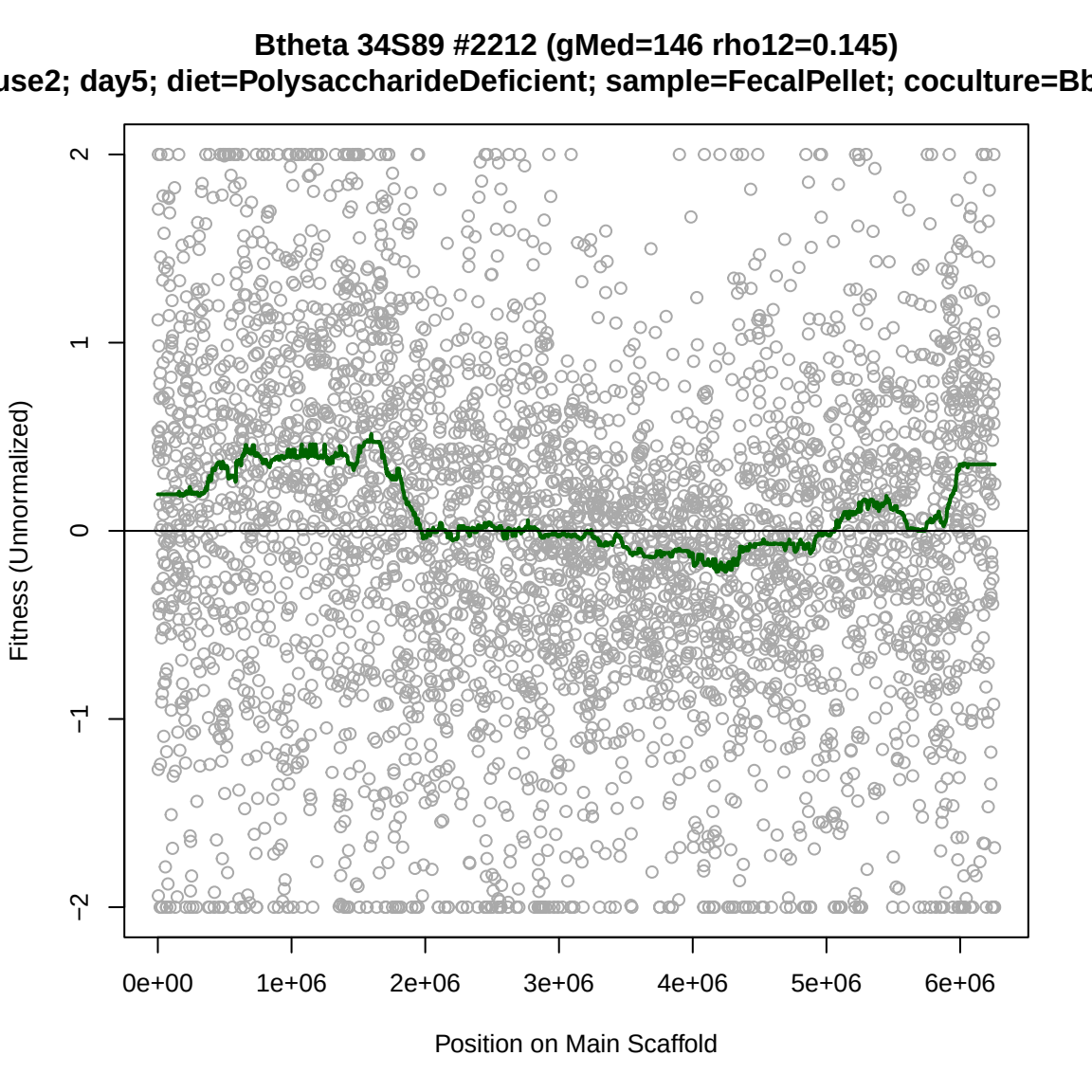

Btheta 34S81 #2207 (gMed=205 rho12=0.107)
y4; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

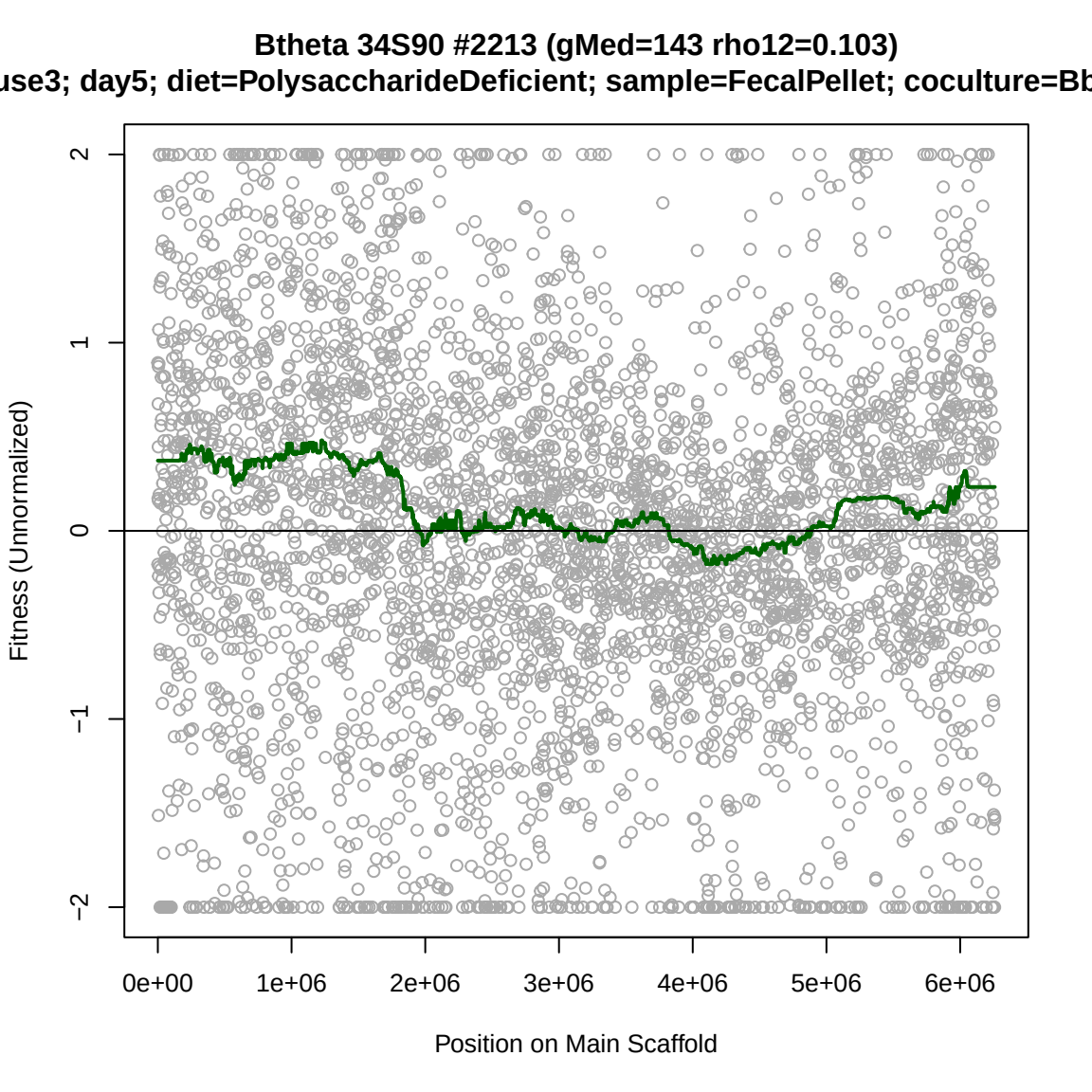

Btheta 34S85 #2208 (gMed=245 rho12=0.293)
1; mouse1; day5; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

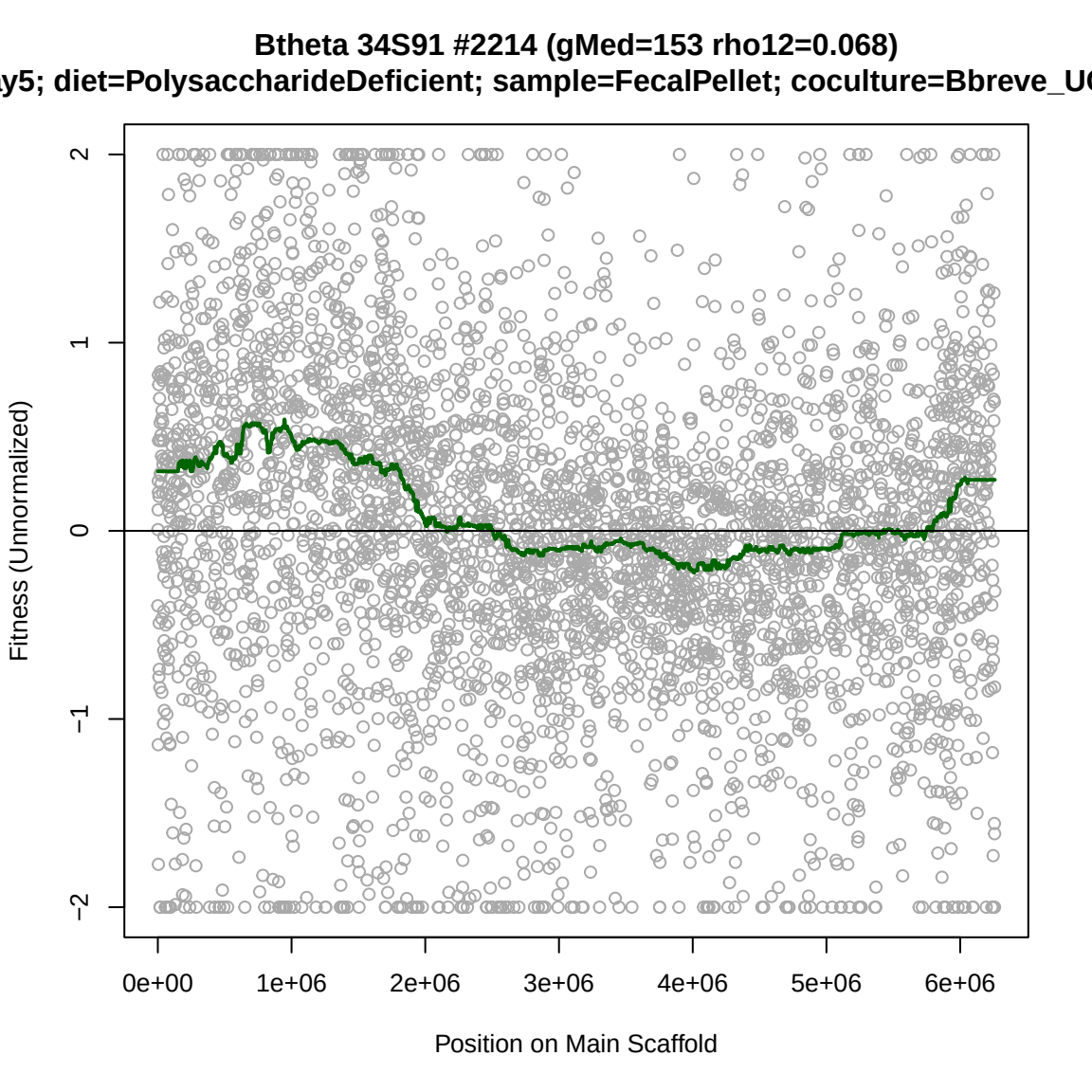

Btheta 34S86 #2209 (gMed=229 rho12=0.286)
1; mouse2; day5; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

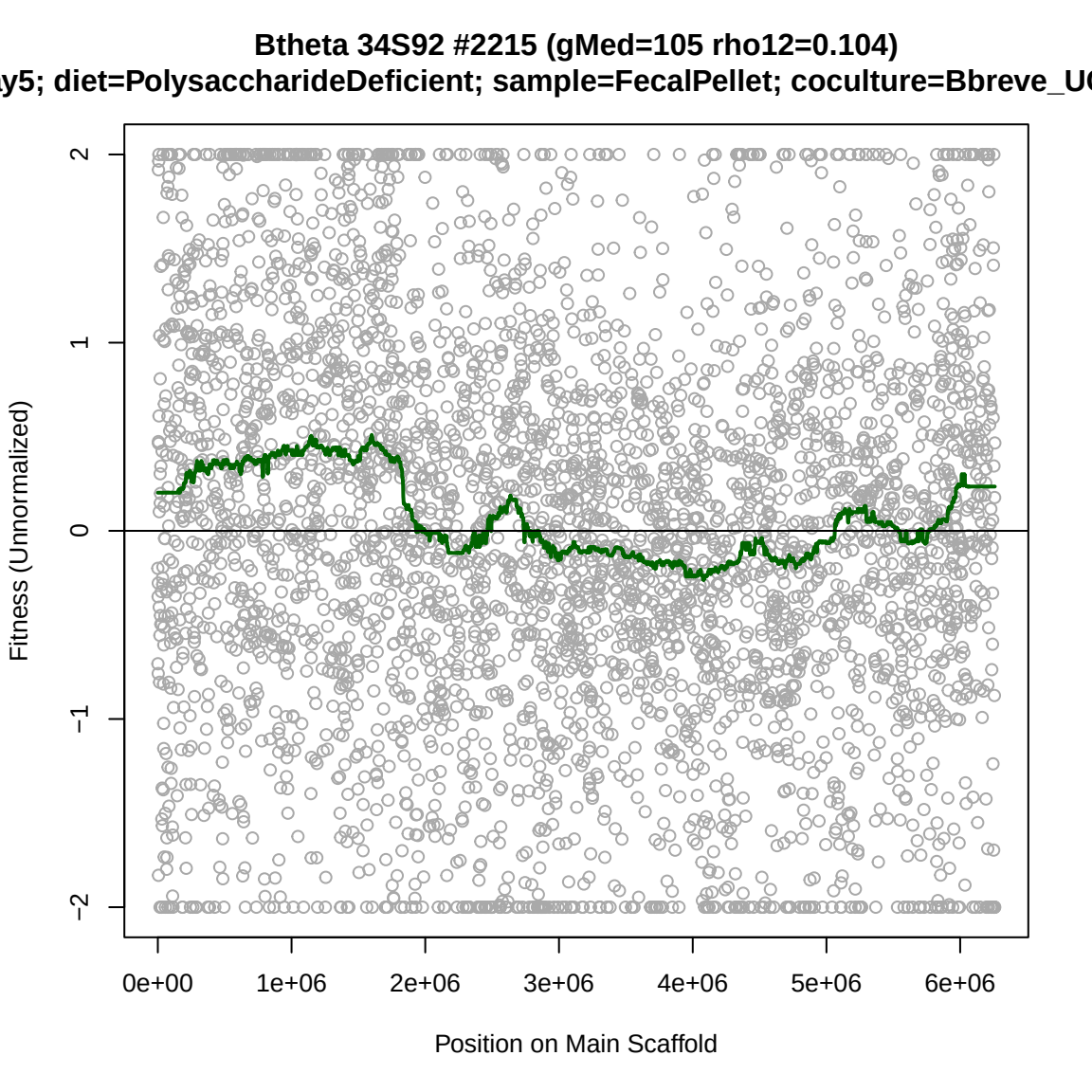

Btheta 34S87 #2210 (gMed=253 rho12=0.257)
1; mouse3; day5; diet=StandardDiet; sample=FecalPellet; coculture=Bbreve_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

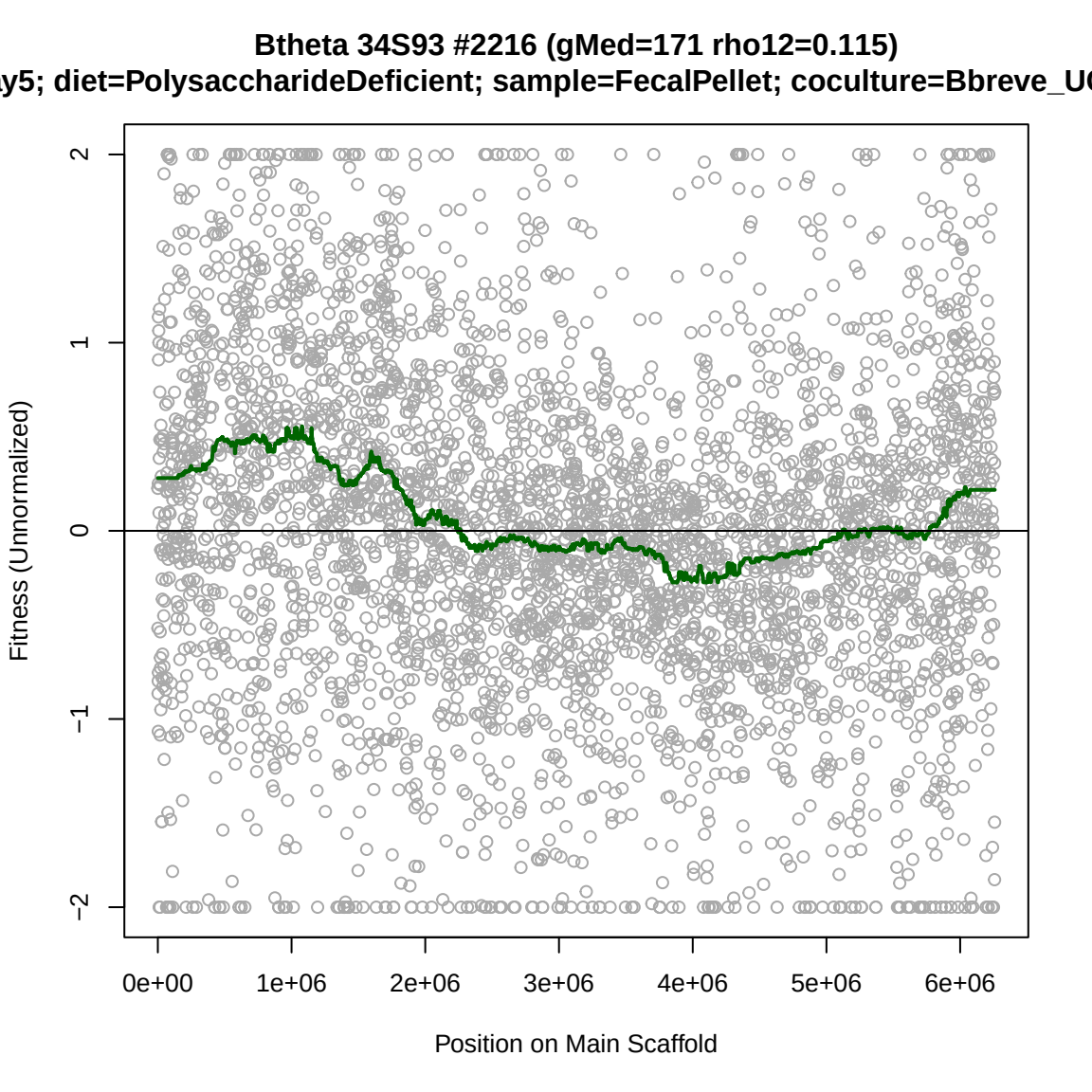

Btheta 34S88 #2211 (gMed=108 rho12=0.138)
use1; day5; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

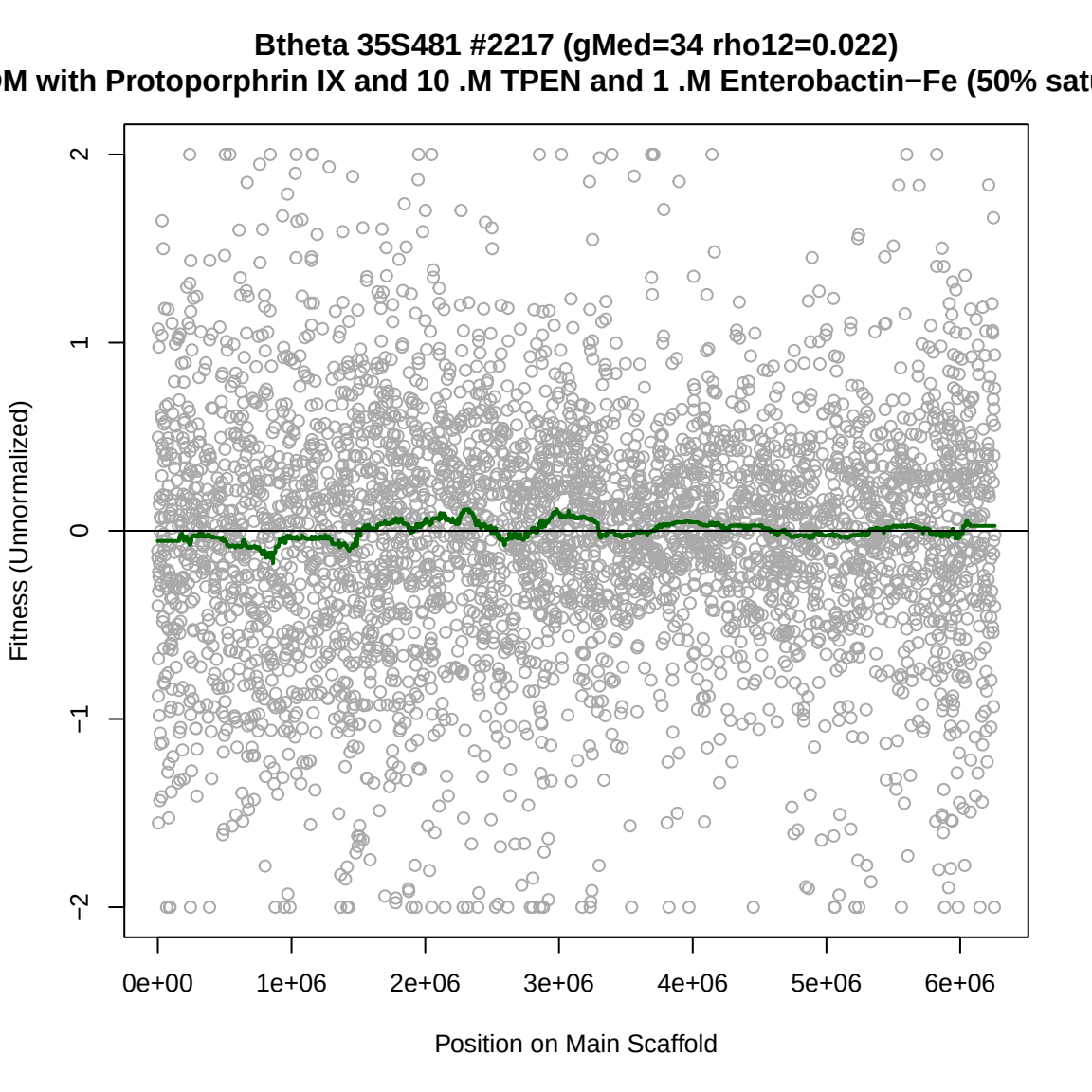

Btheta 34S89 #2212 (gMed=146 rho12=0.145)
use2; day5; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

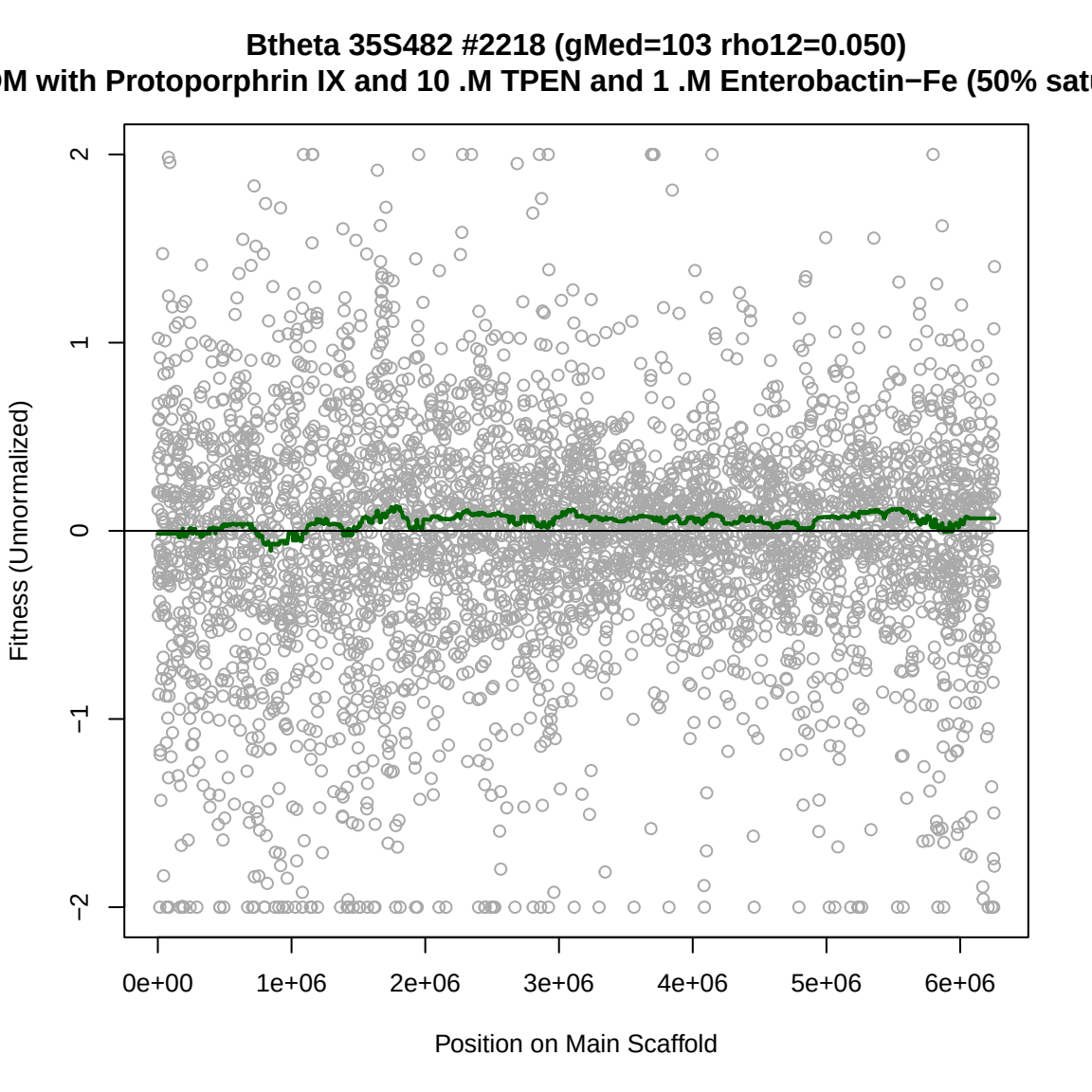

Btheta 34S90 #2213 (gMed=143 rho12=0.103)
use3; day5; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bb
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

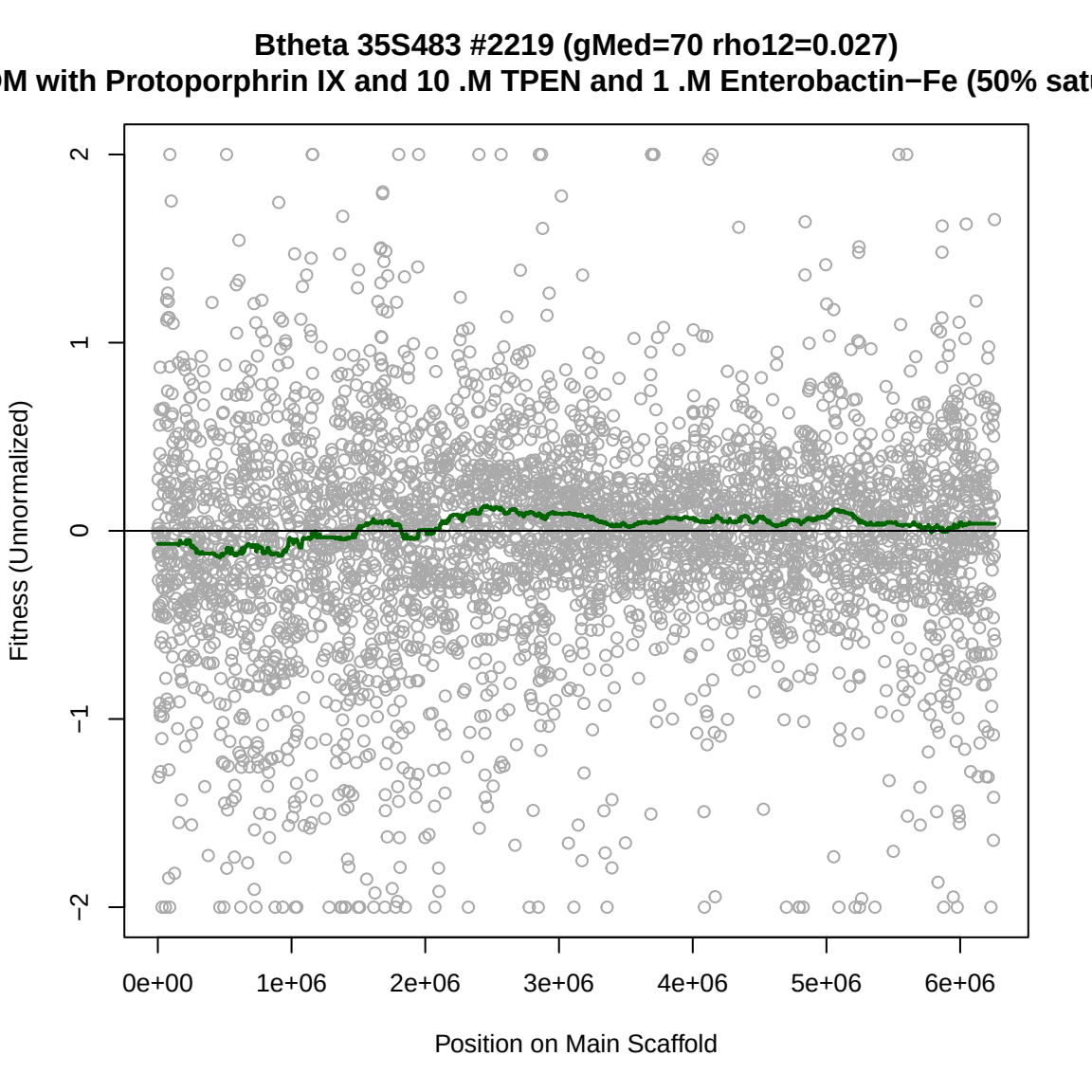

Btheta 34S91 #2214 (gMed=153 rho12=0.068)
y5; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

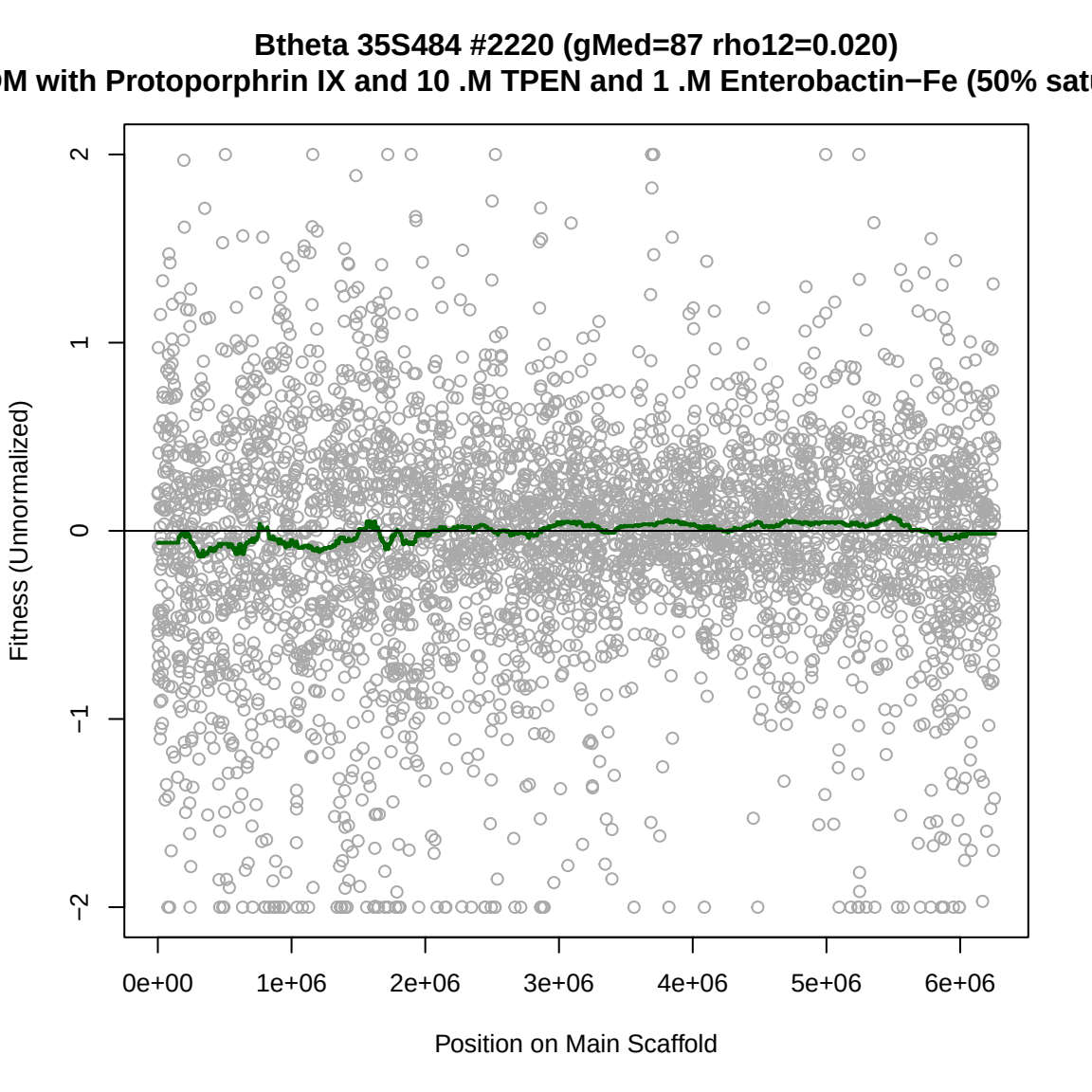

Btheta 34S92 #2215 (gMed=105 rho12=0.104)
y5; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

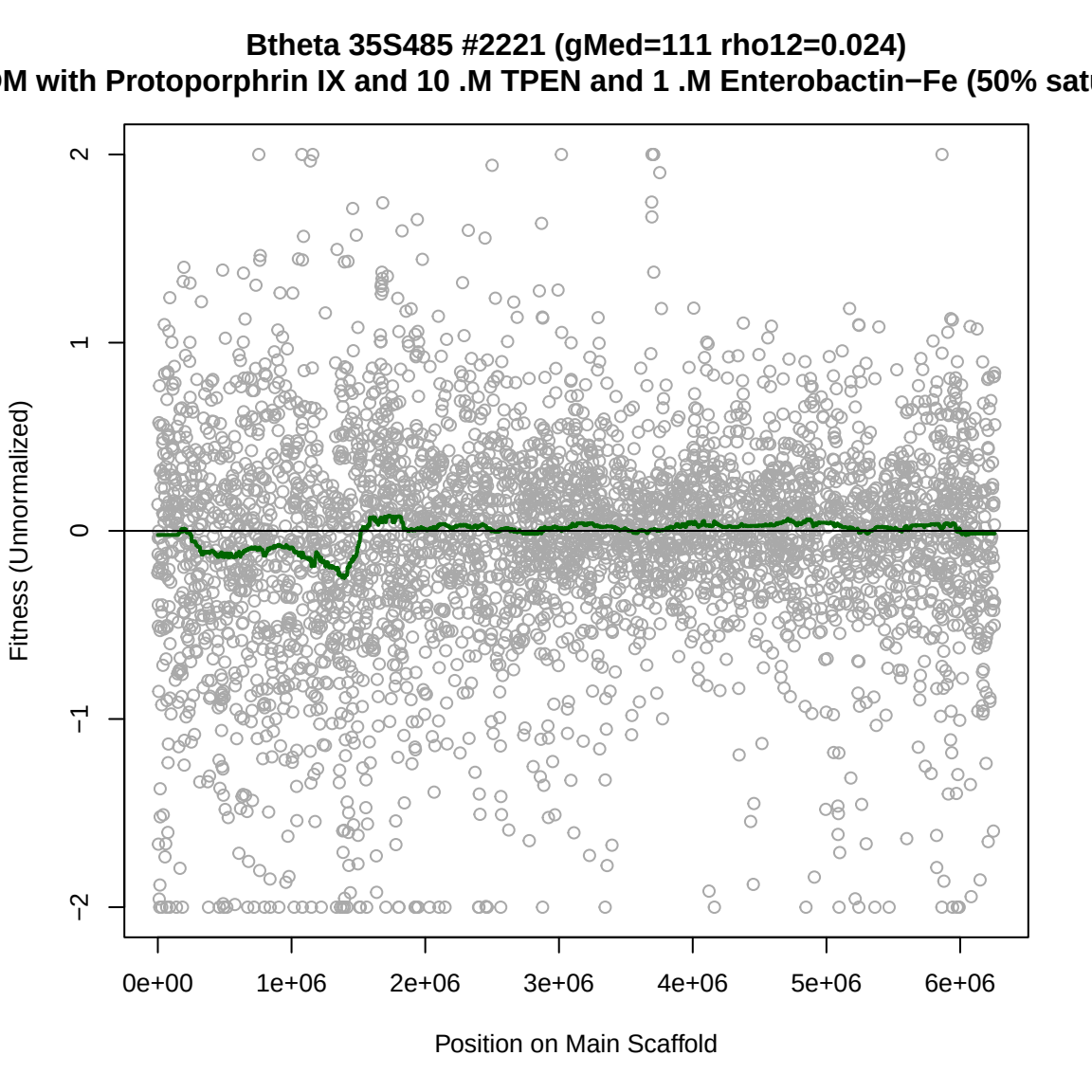

Btheta 34S93 #2216 (gMed=171 rho12=0.115)
y5; diet=PolysaccharideDeficient; sample=FecalPellet; coculture=Bbreve_U
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

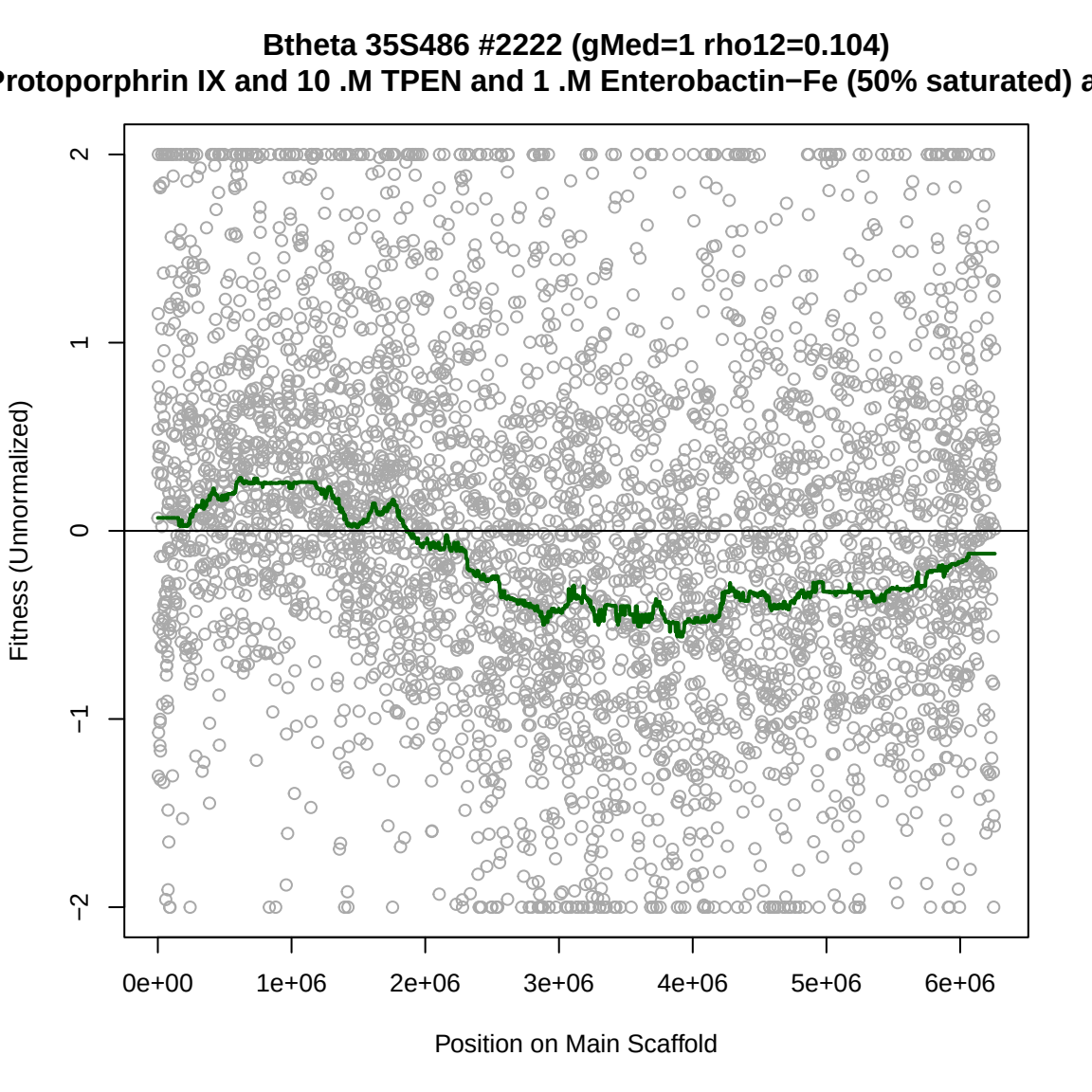

Btheta 35S481 #2217 (gMed=34 rho12=0.022)
M with Protoporphrin IX and 10 .M TPEN and 1 .M Enterobactin−Fe (50% satu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

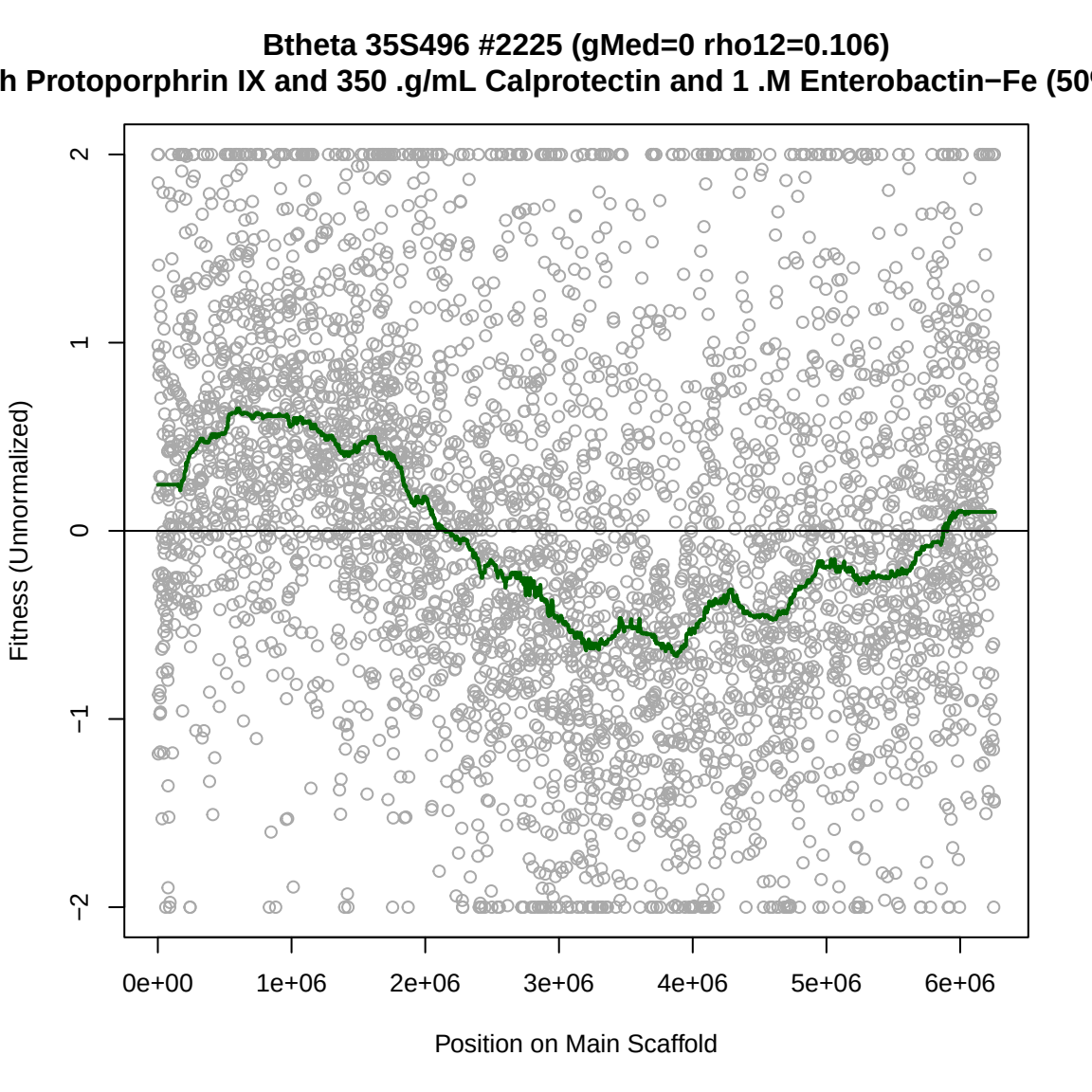

Btheta 35S482 #2218 (gMed=103 rho12=0.050)
M with Protoporphrin IX and 10 .M TPEN and 1 .M Enterobactin−Fe (50% satu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

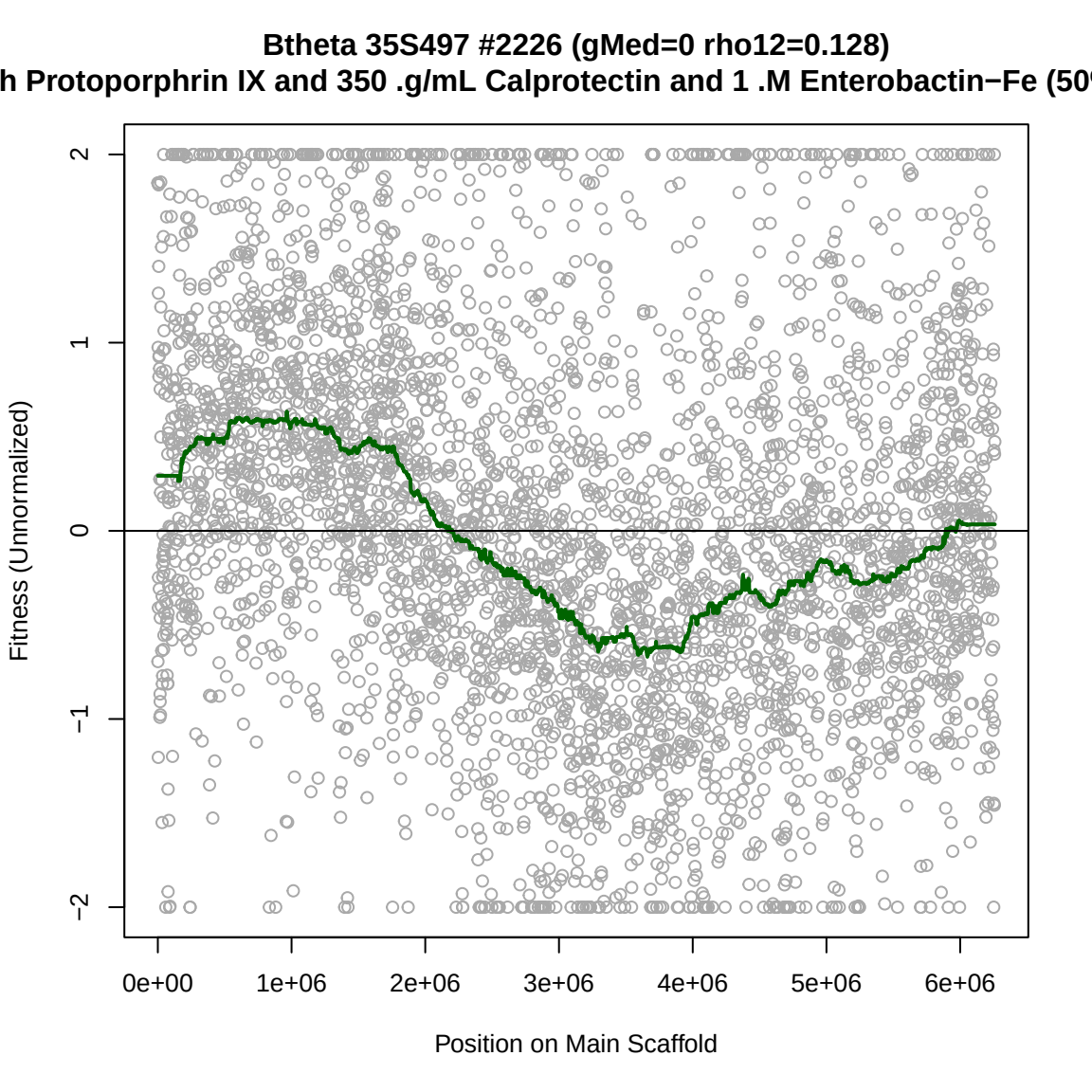

Btheta 35S483 #2219 (gMed=70 rho12=0.027)
M with Protoporphrin IX and 10 .M TPEN and 1 .M Enterobactin−Fe (50% satu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

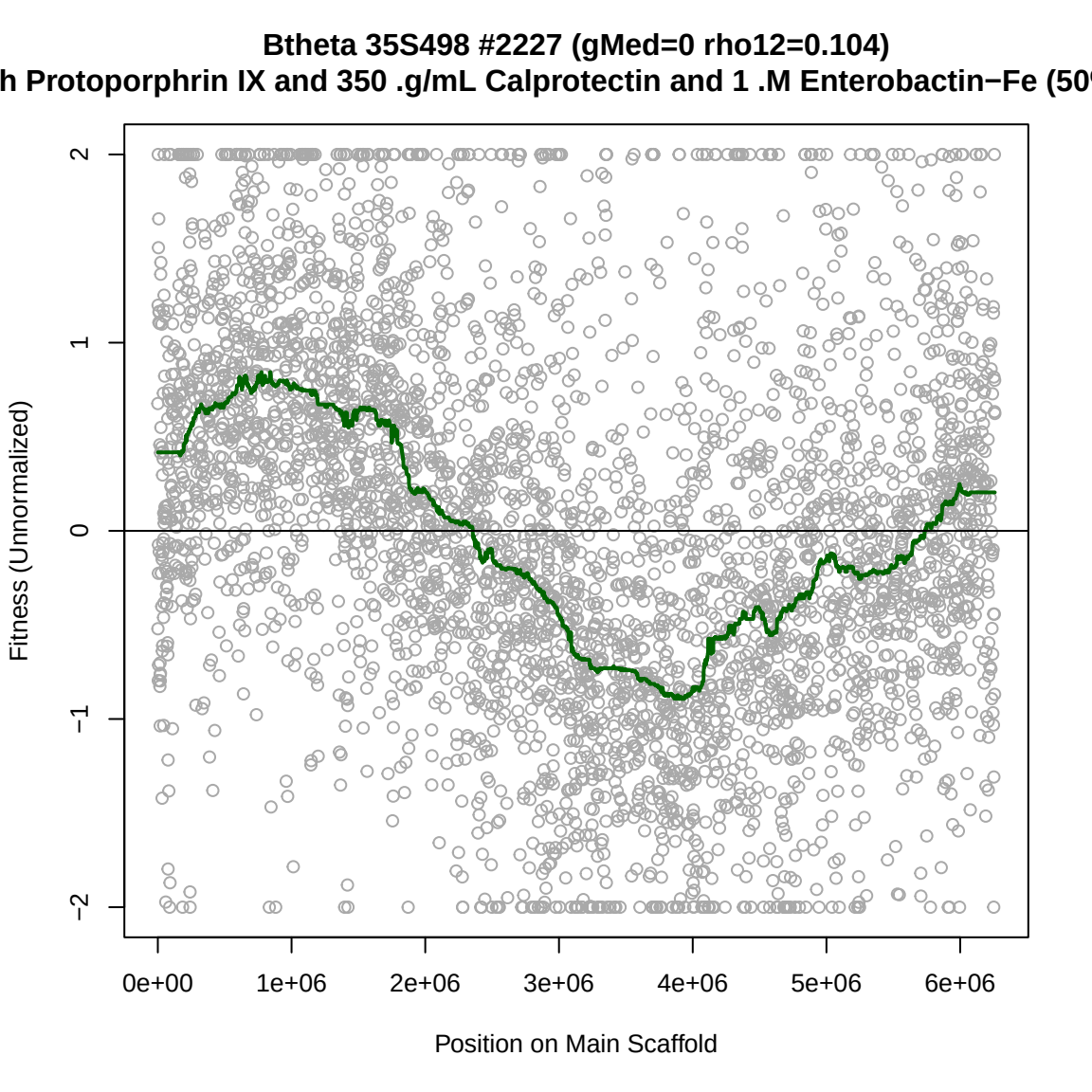

Btheta 35S484 #2220 (gMed=87 rho12=0.020)
M with Protoporphrin IX and 10 .M TPEN and 1 .M Enterobactin−Fe (50% satu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

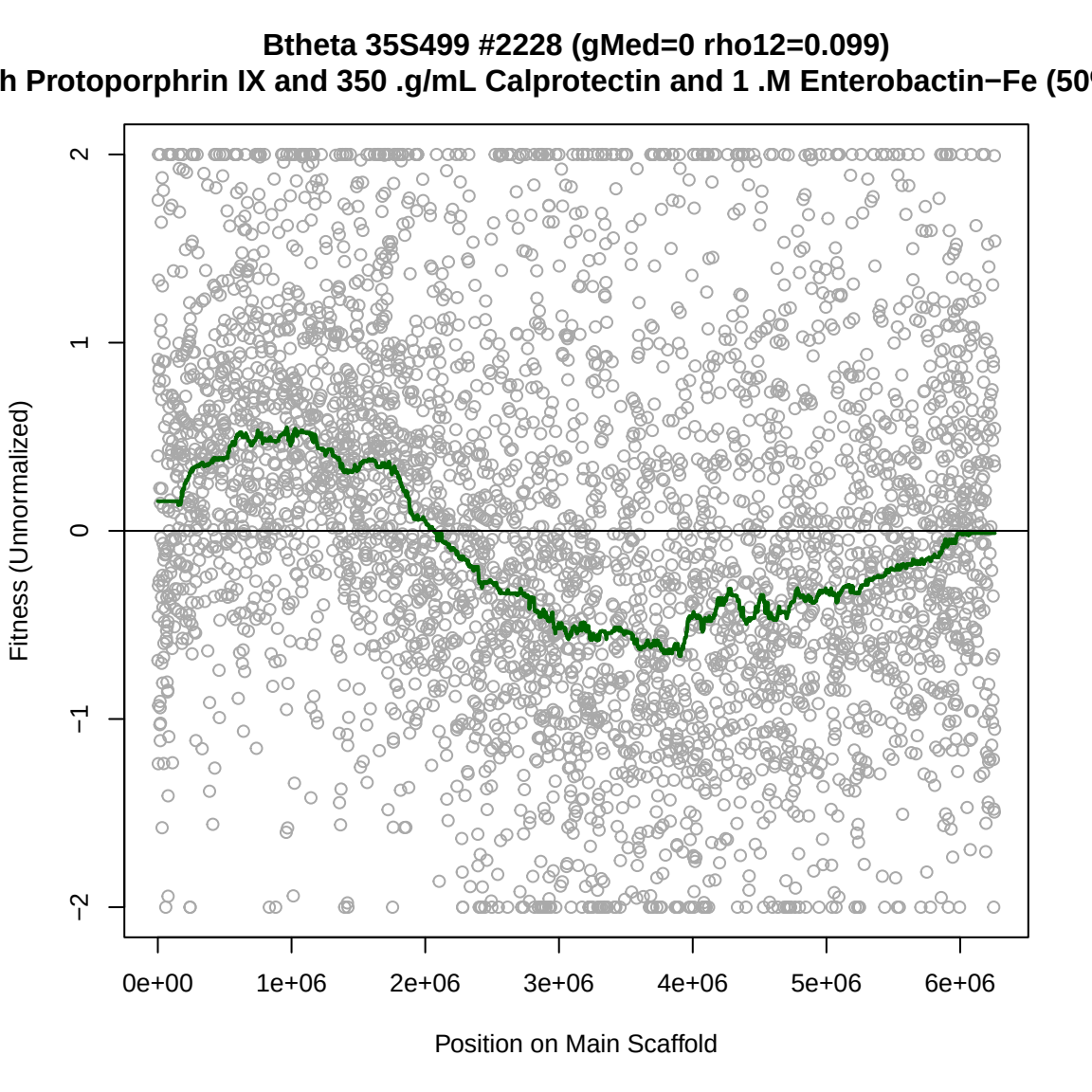

Btheta 35S485 #2221 (gMed=111 rho12=0.024)
M with Protoporphrin IX and 10 .M TPEN and 1 .M Enterobactin−Fe (50% satu
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

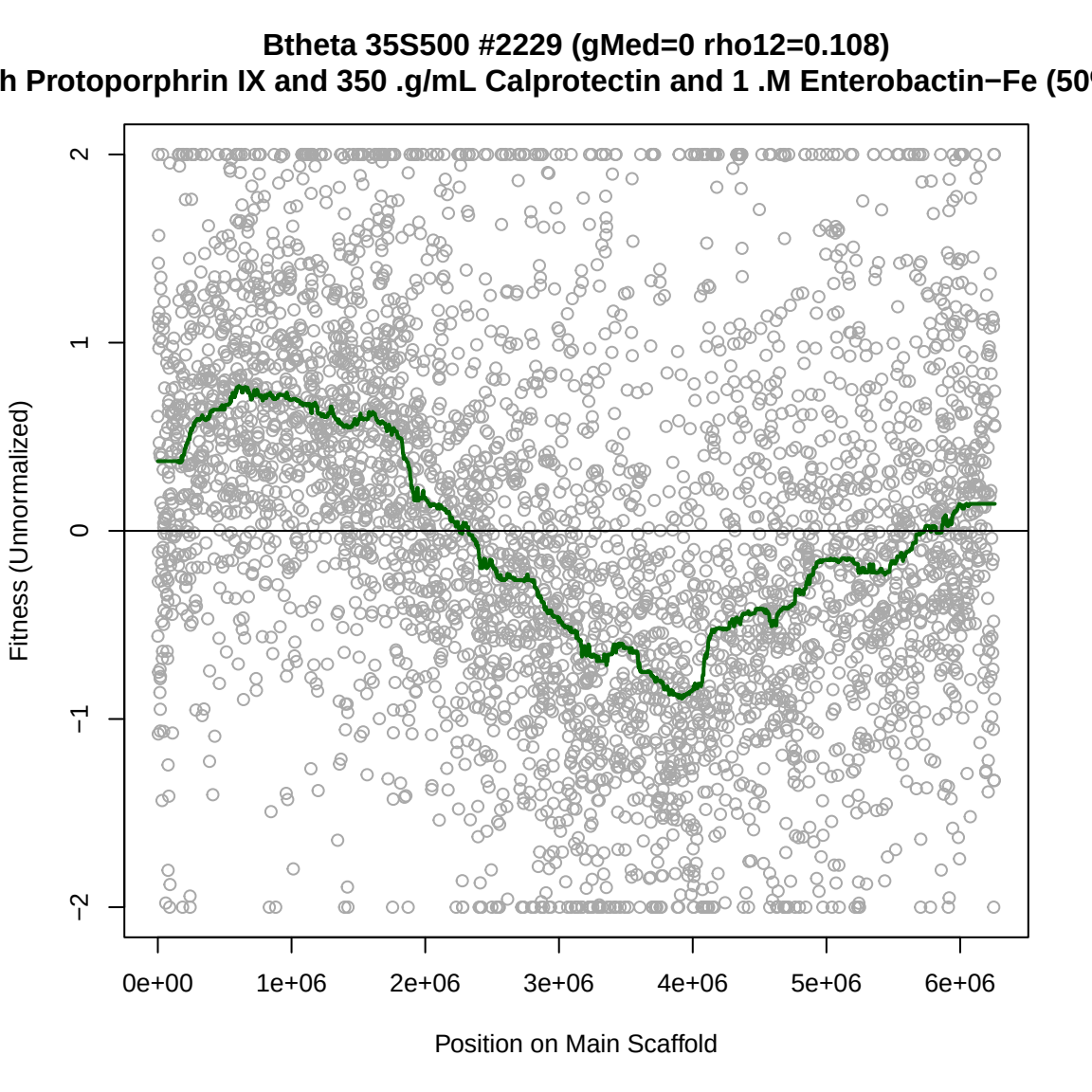

Btheta 35S486 #2222 (gMed=1 rho12=0.104)
Protoporphrin IX and 10 .M TPEN and 1 .M Enterobactin−Fe (50% saturated) a
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

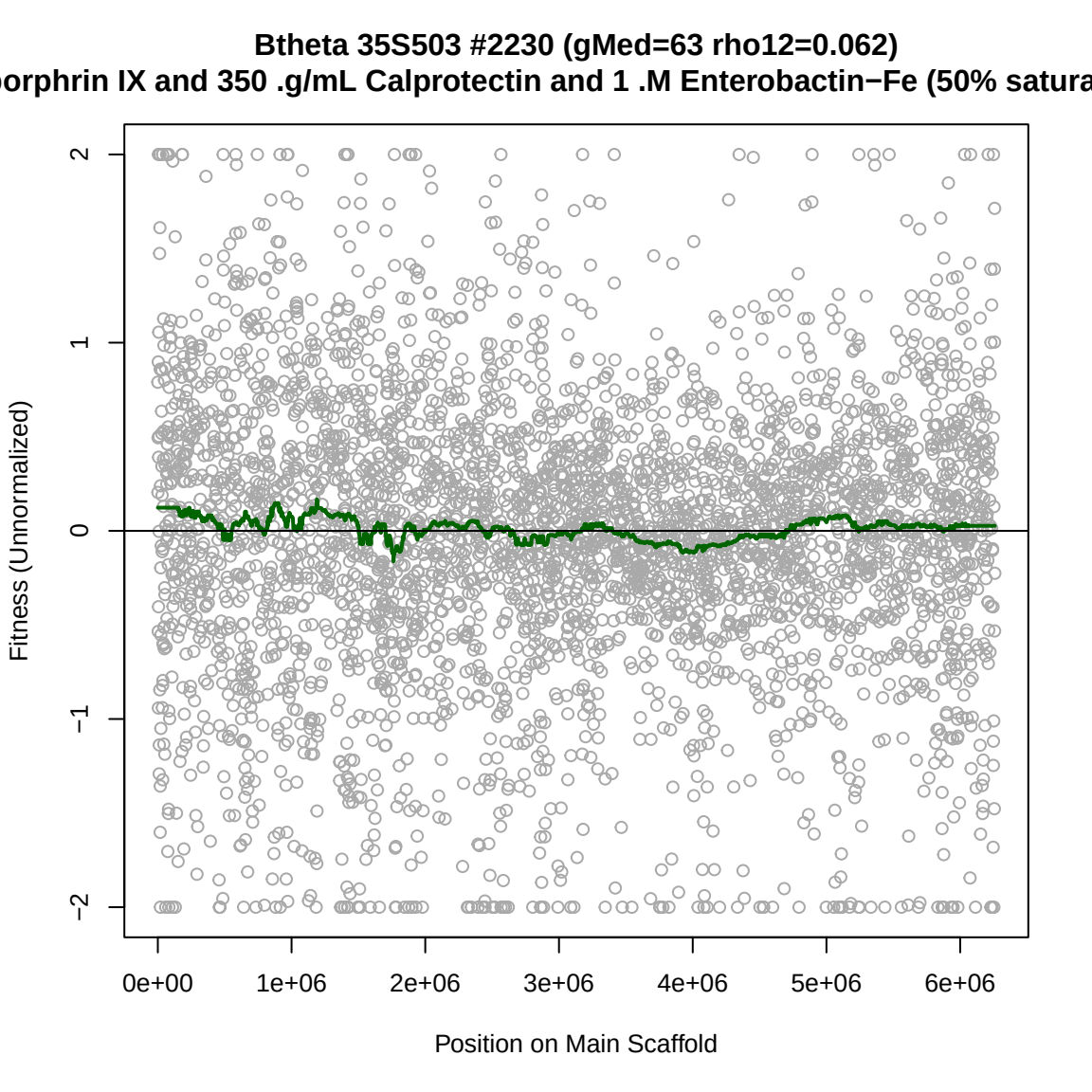

Btheta 35S496 #2225 (gMed=0 rho12=0.106)
h Protoporphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

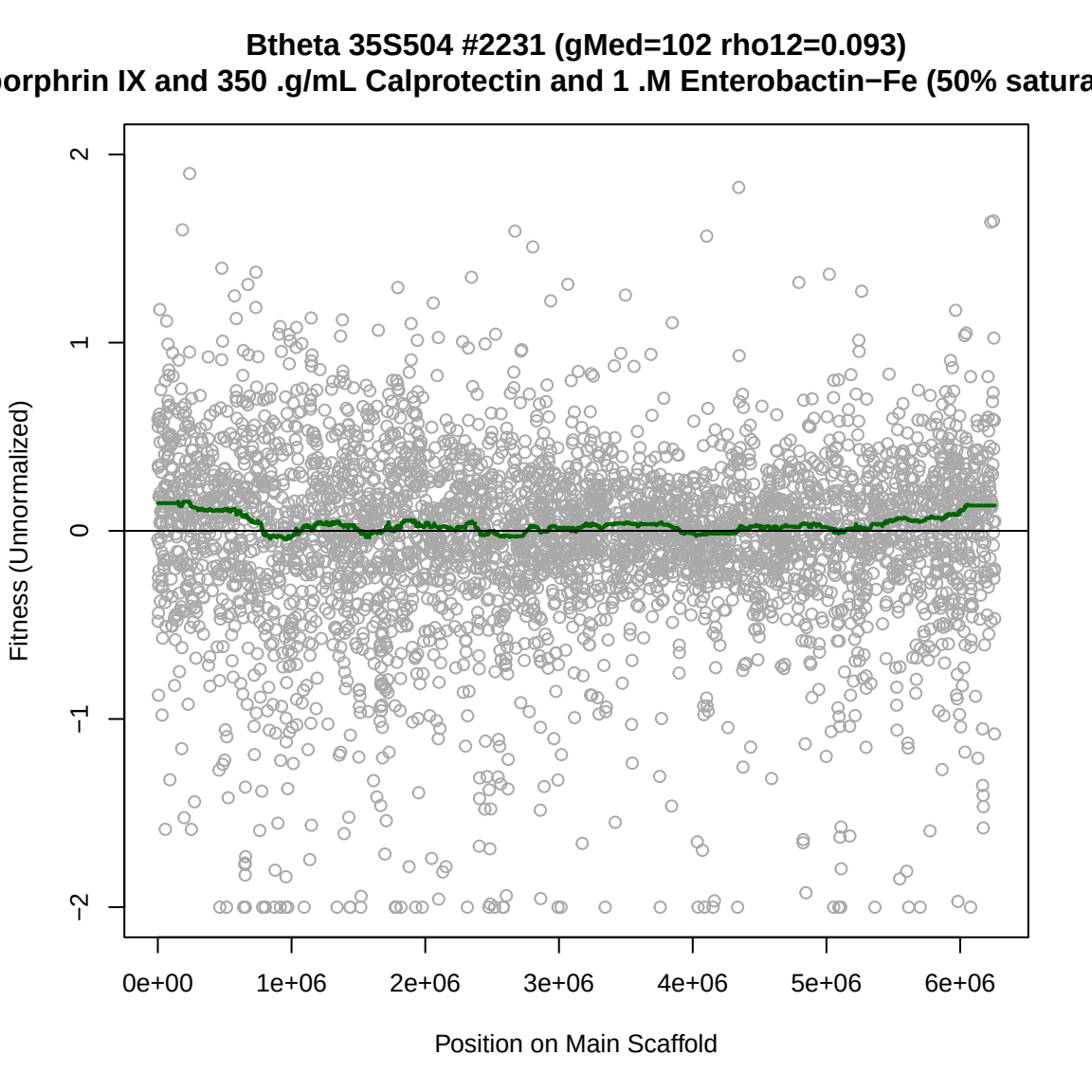

Btheta 35S497 #2226 (gMed=0 rho12=0.128)
h Protoporphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

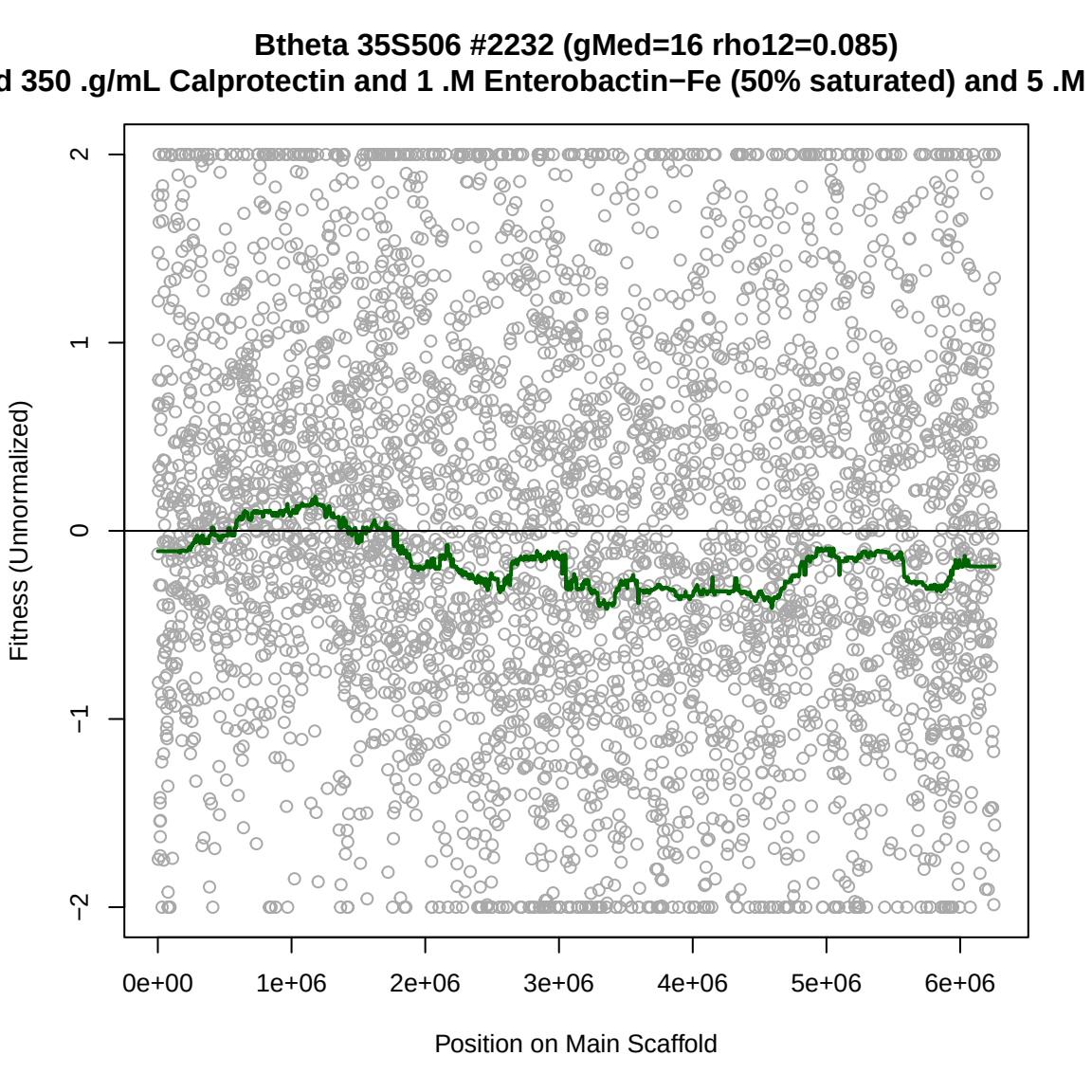

Btheta 35S498 #2227 (gMed=0 rho12=0.104)
h Protoporphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

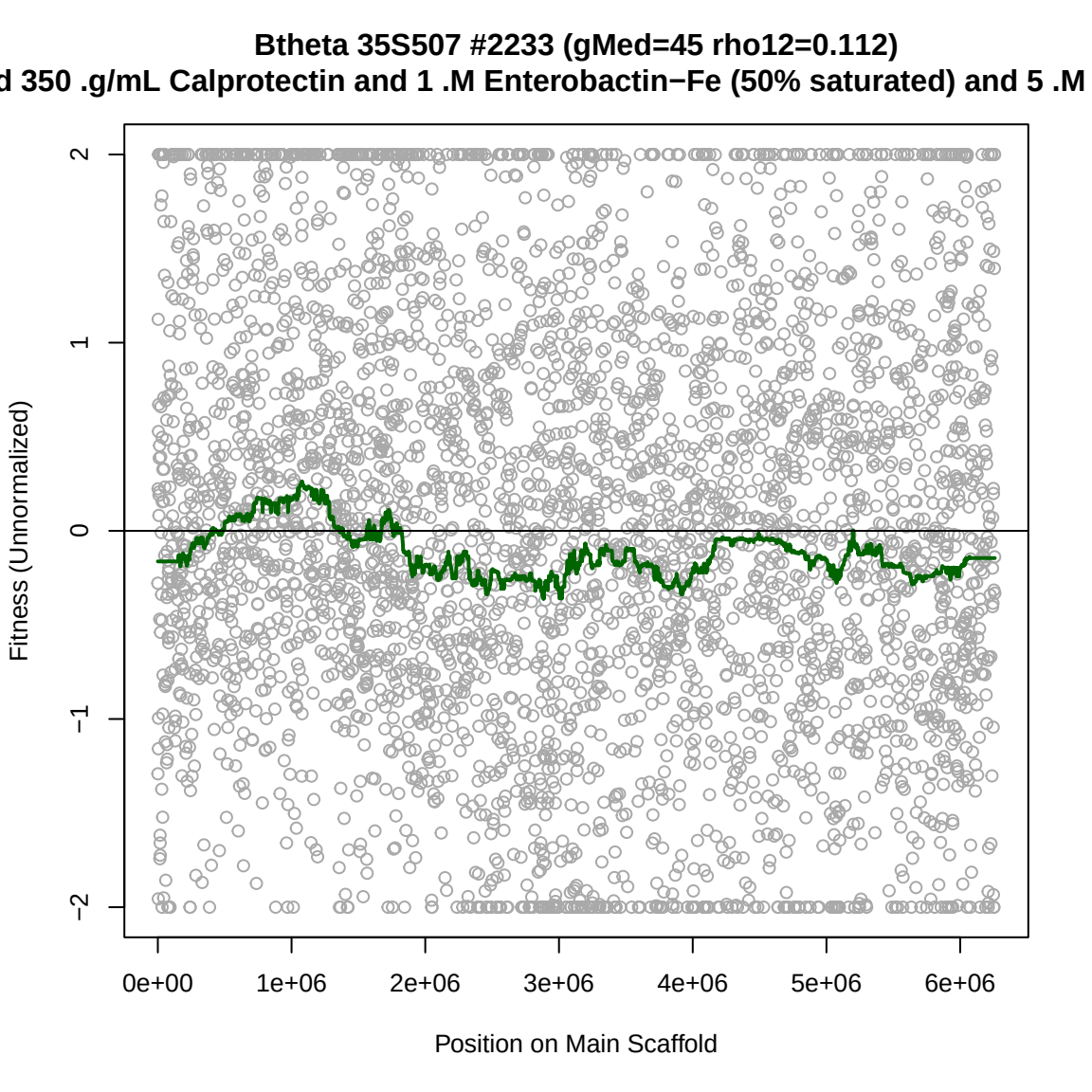

Btheta 35S499 #2228 (gMed=0 rho12=0.099)
h Protoporphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

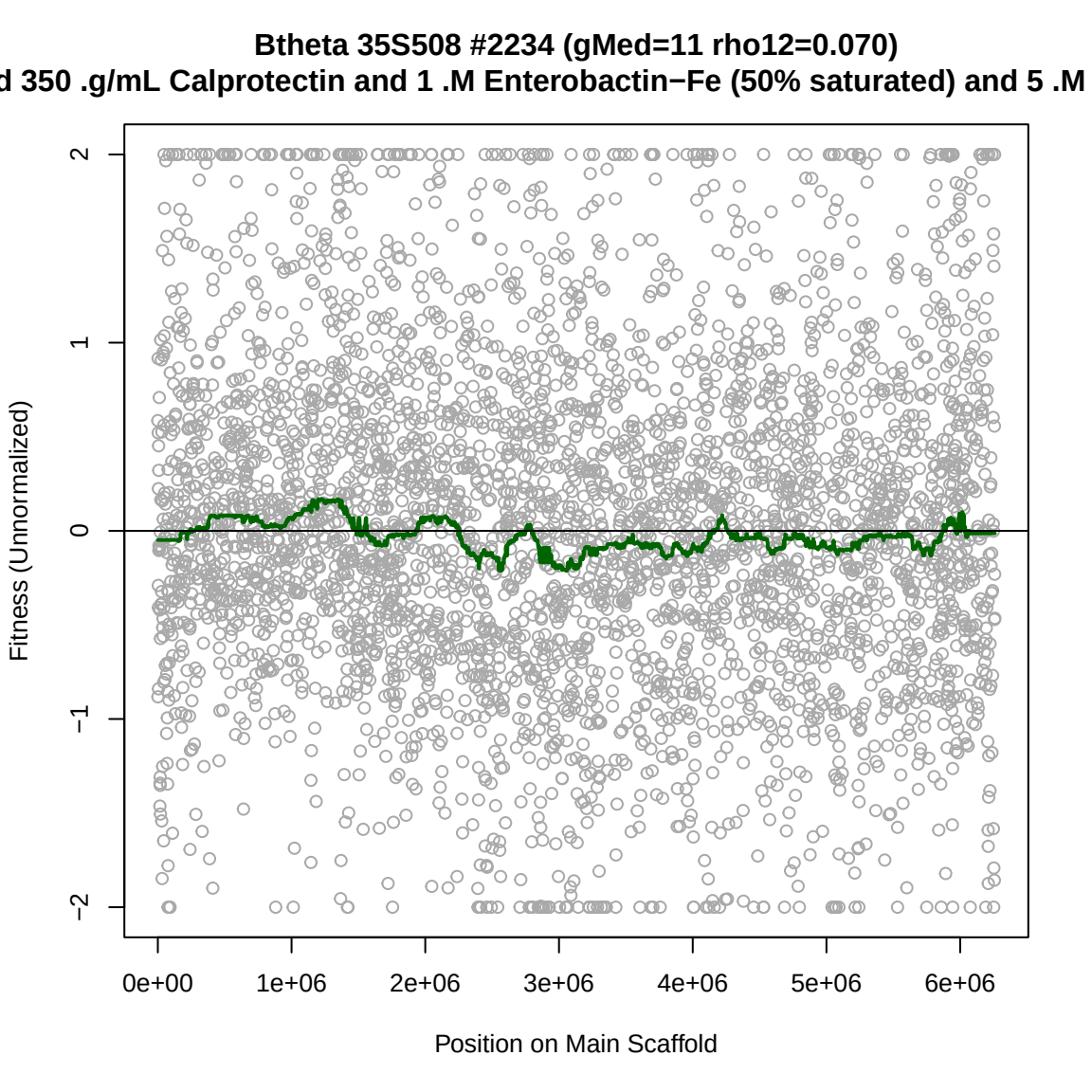

Btheta 35S500 #2229 (gMed=0 rho12=0.108)
h Protoporphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

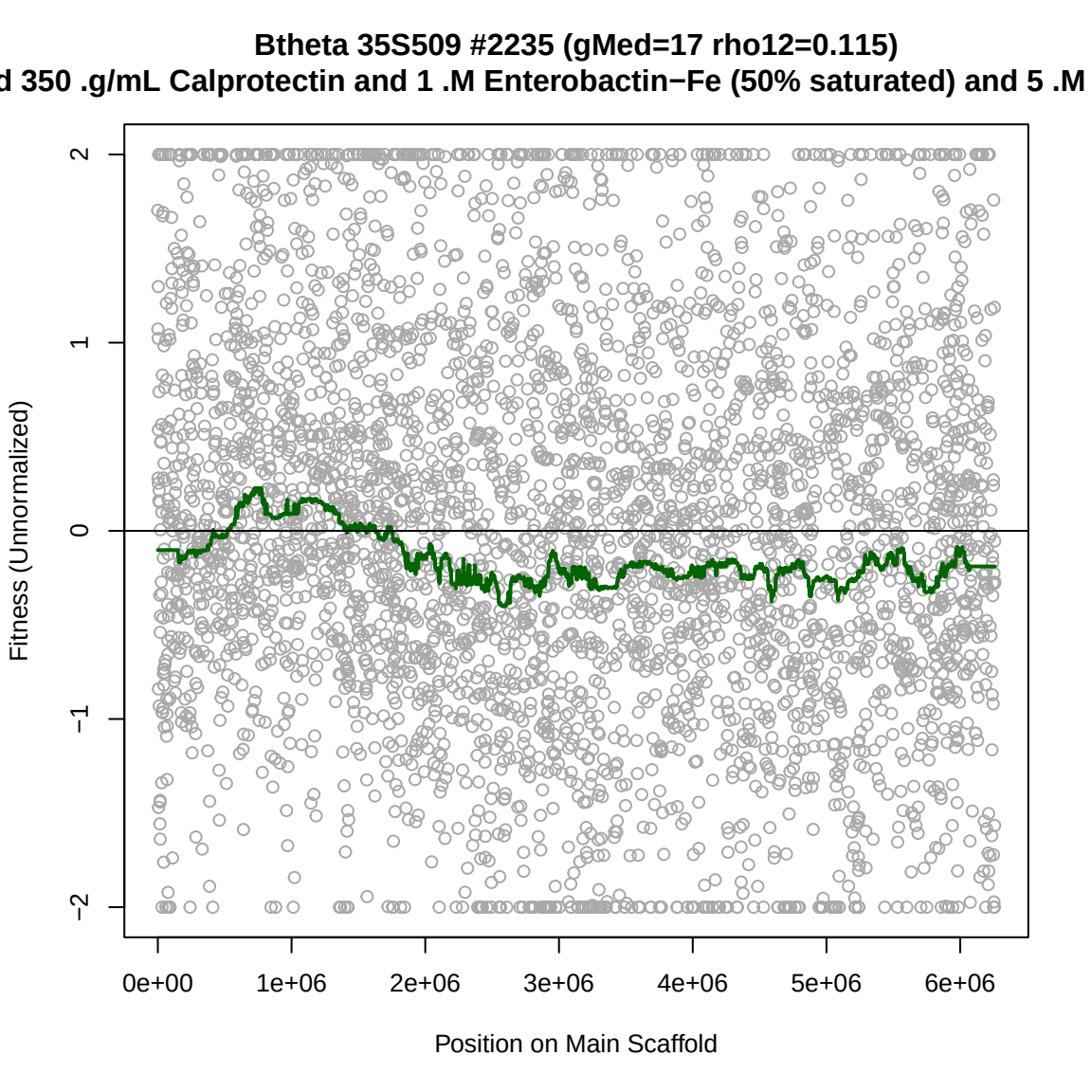

Btheta 35S503 #2230 (gMed=63 rho12=0.062)
orphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% satura
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

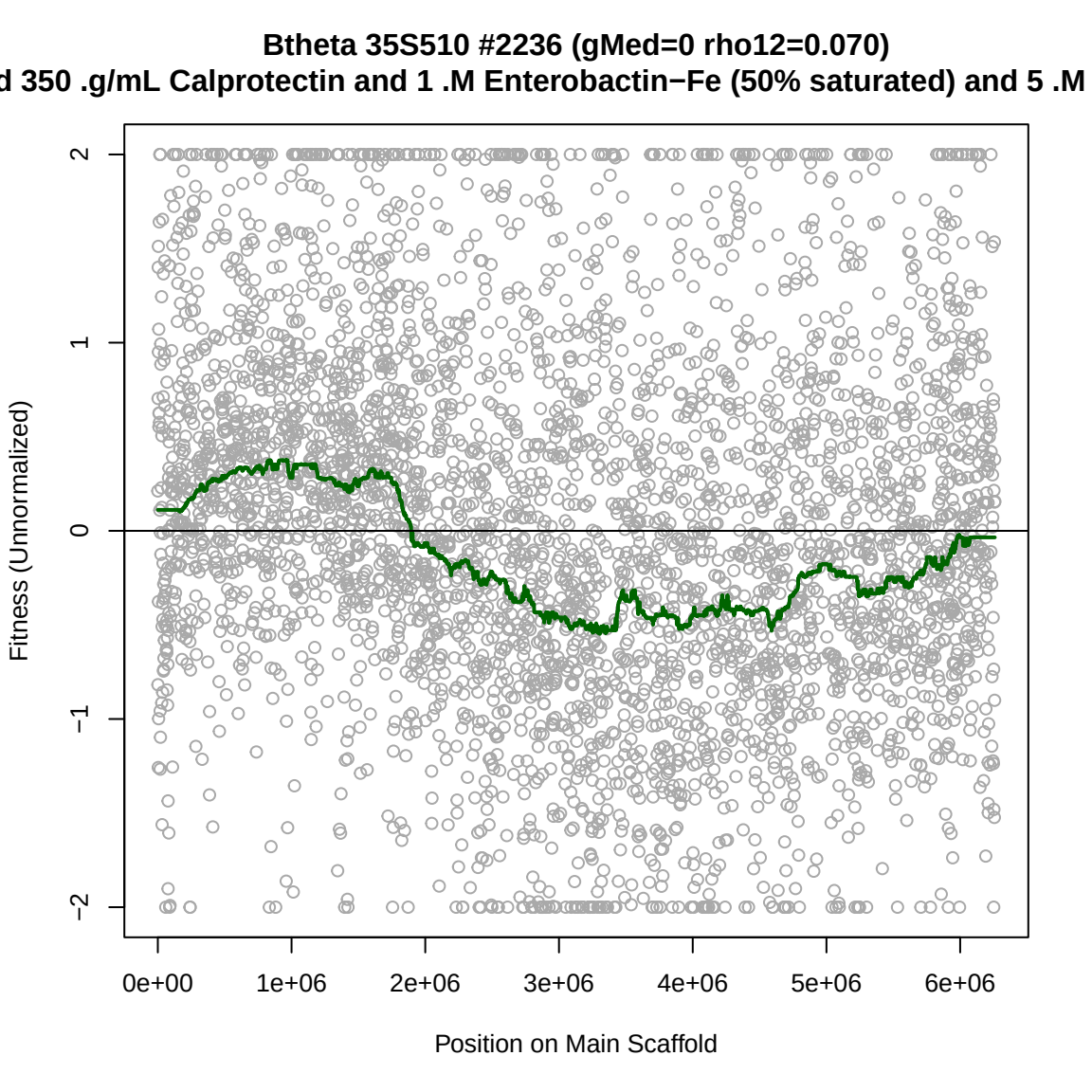

Btheta 35S504 #2231 (gMed=102 rho12=0.093)
orphrin IX and 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% satura
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

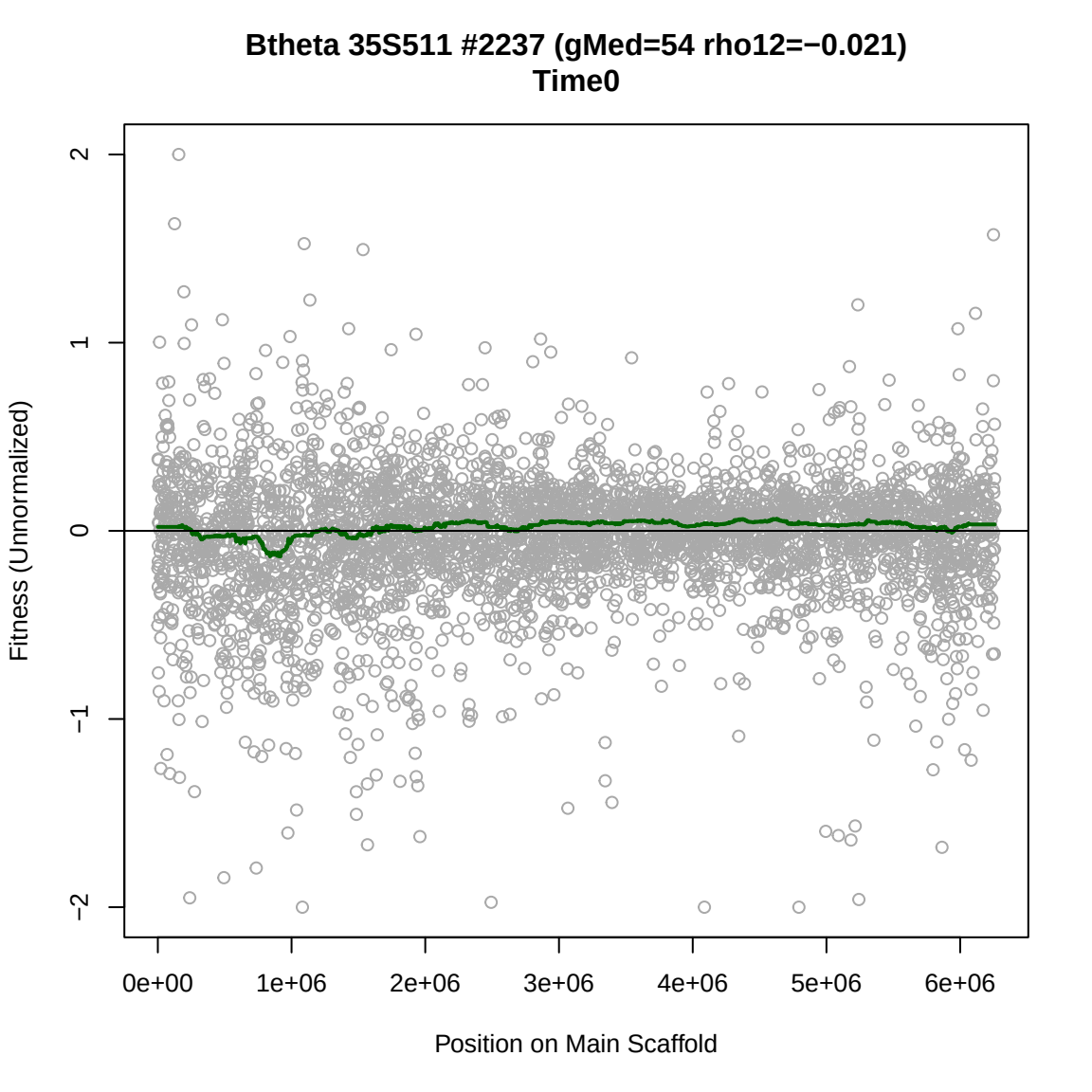

Btheta 35S506 #2232 (gMed=16 rho12=0.085)
d 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% saturated) and 5 .M
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

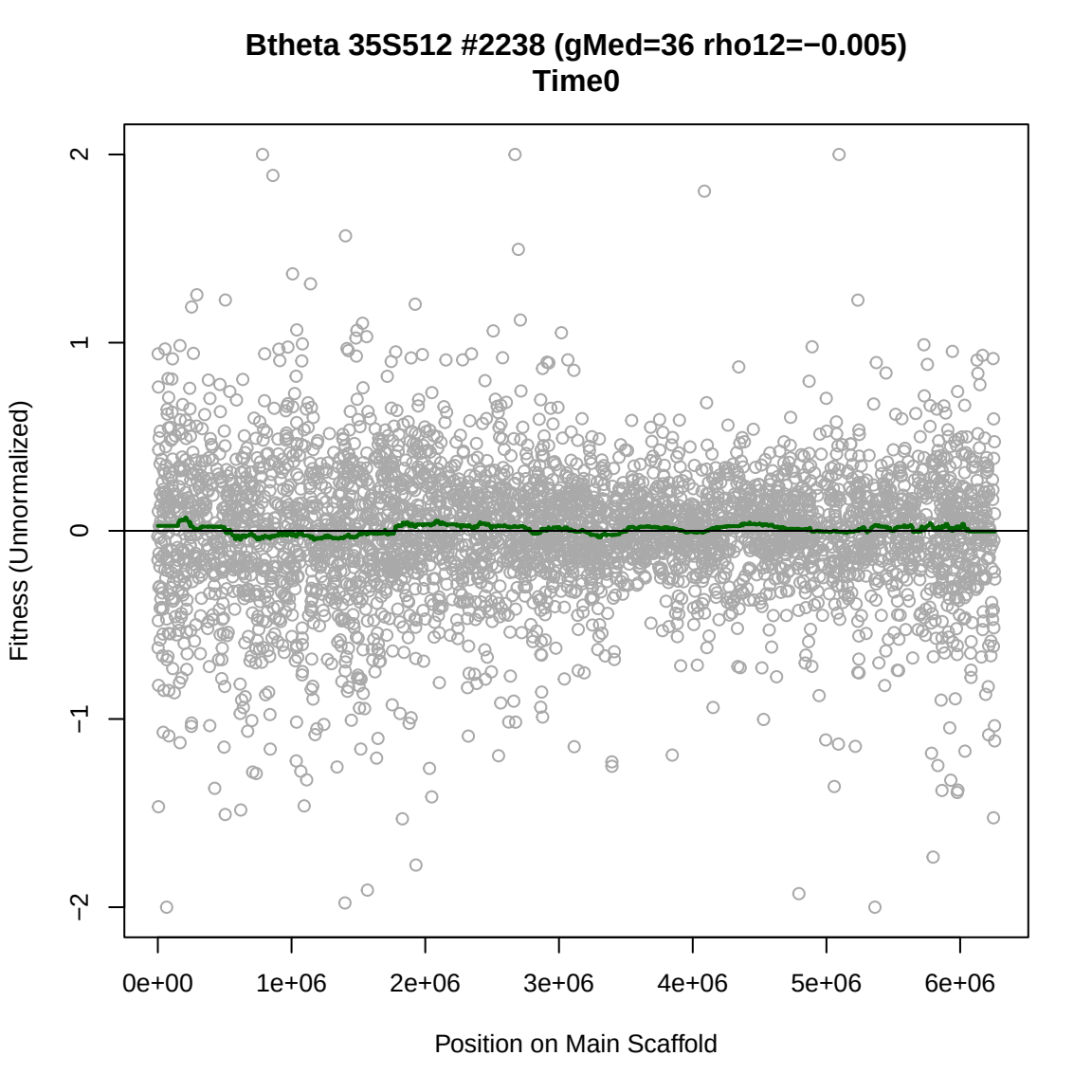

Btheta 35S507 #2233 (gMed=45 rho12=0.112)
d 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% saturated) and 5 .M
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

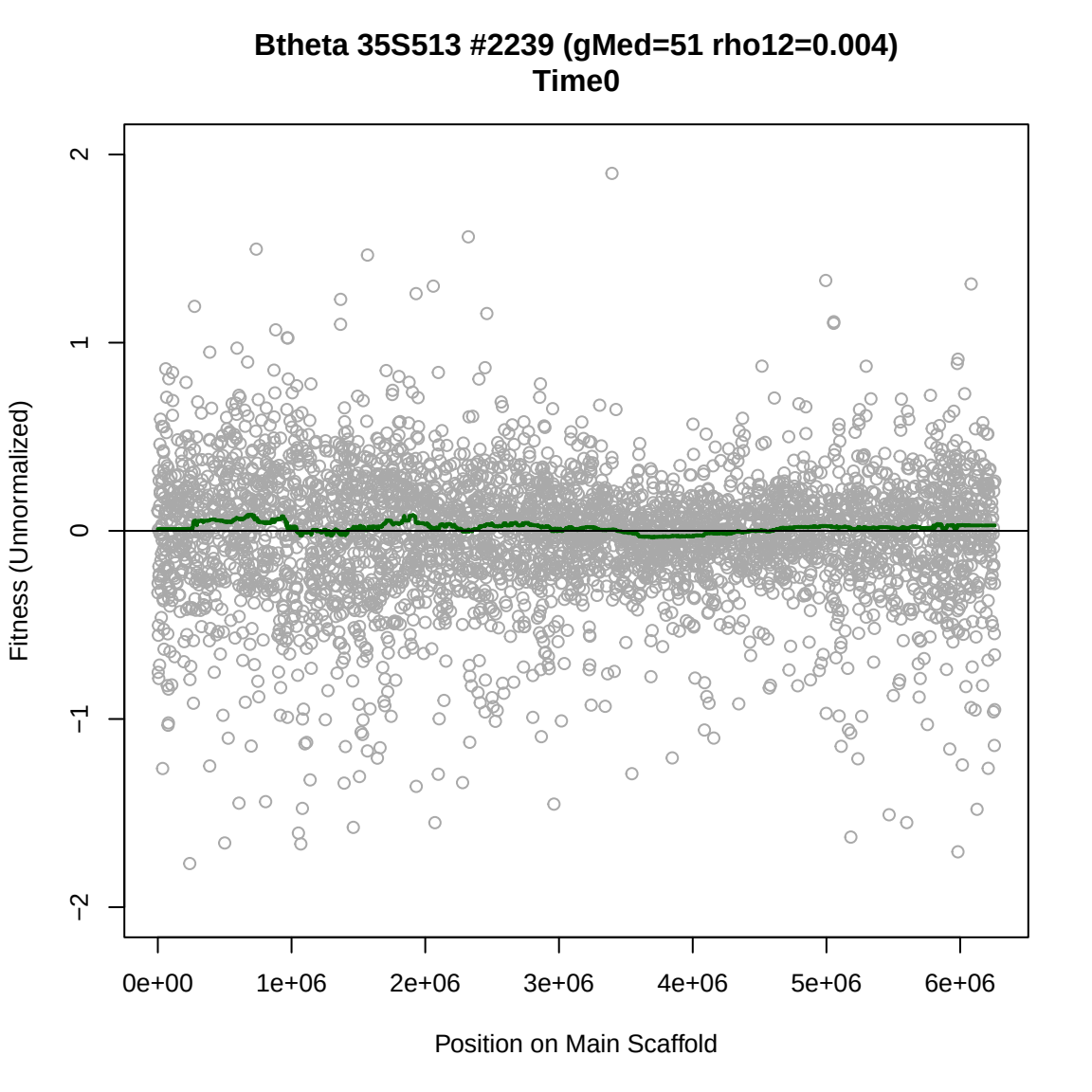

Btheta 35S508 #2234 (gMed=11 rho12=0.070)
d 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% saturated) and 5 .M
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

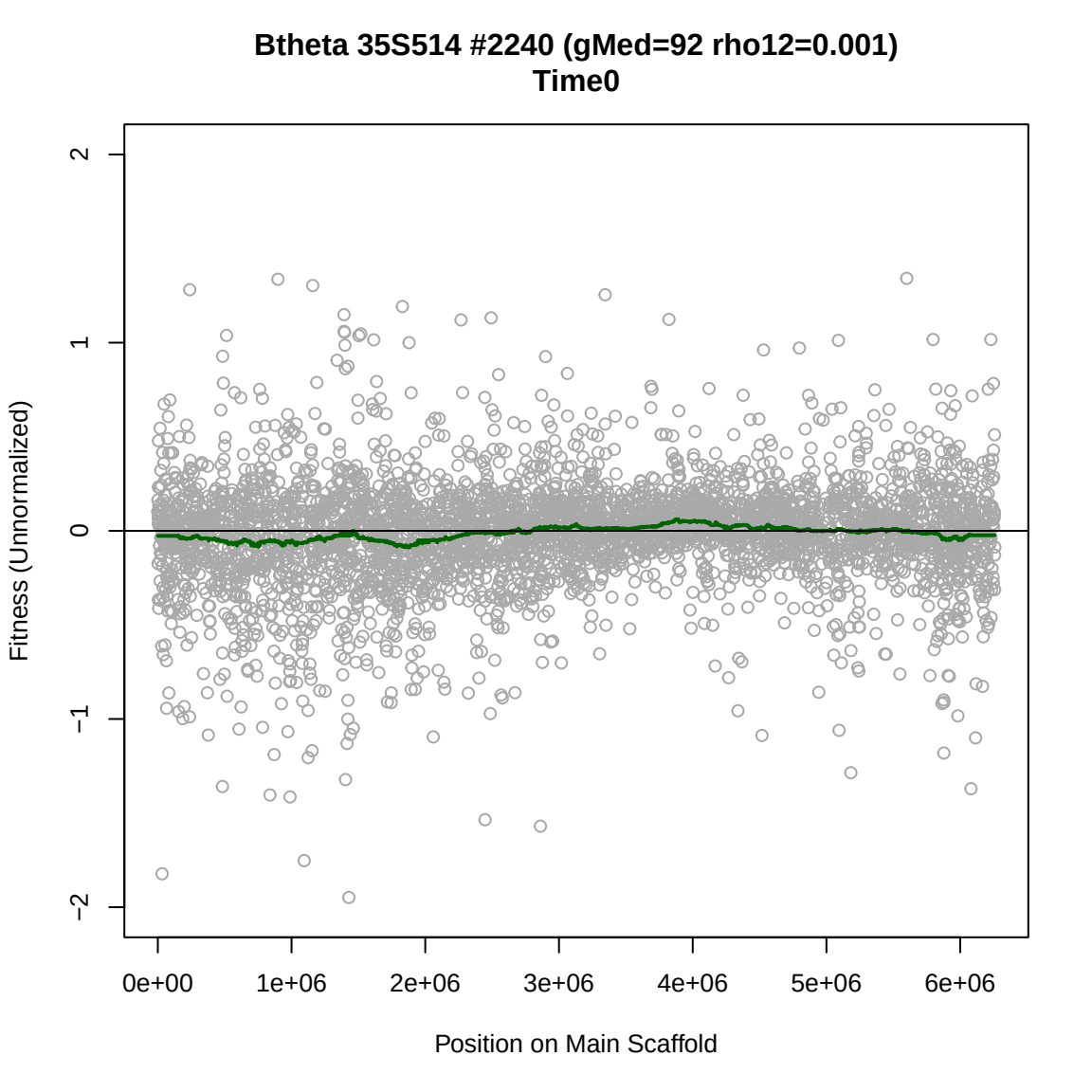

Btheta 35S509 #2235 (gMed=17 rho12=0.115)
d 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% saturated) and 5 .M
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

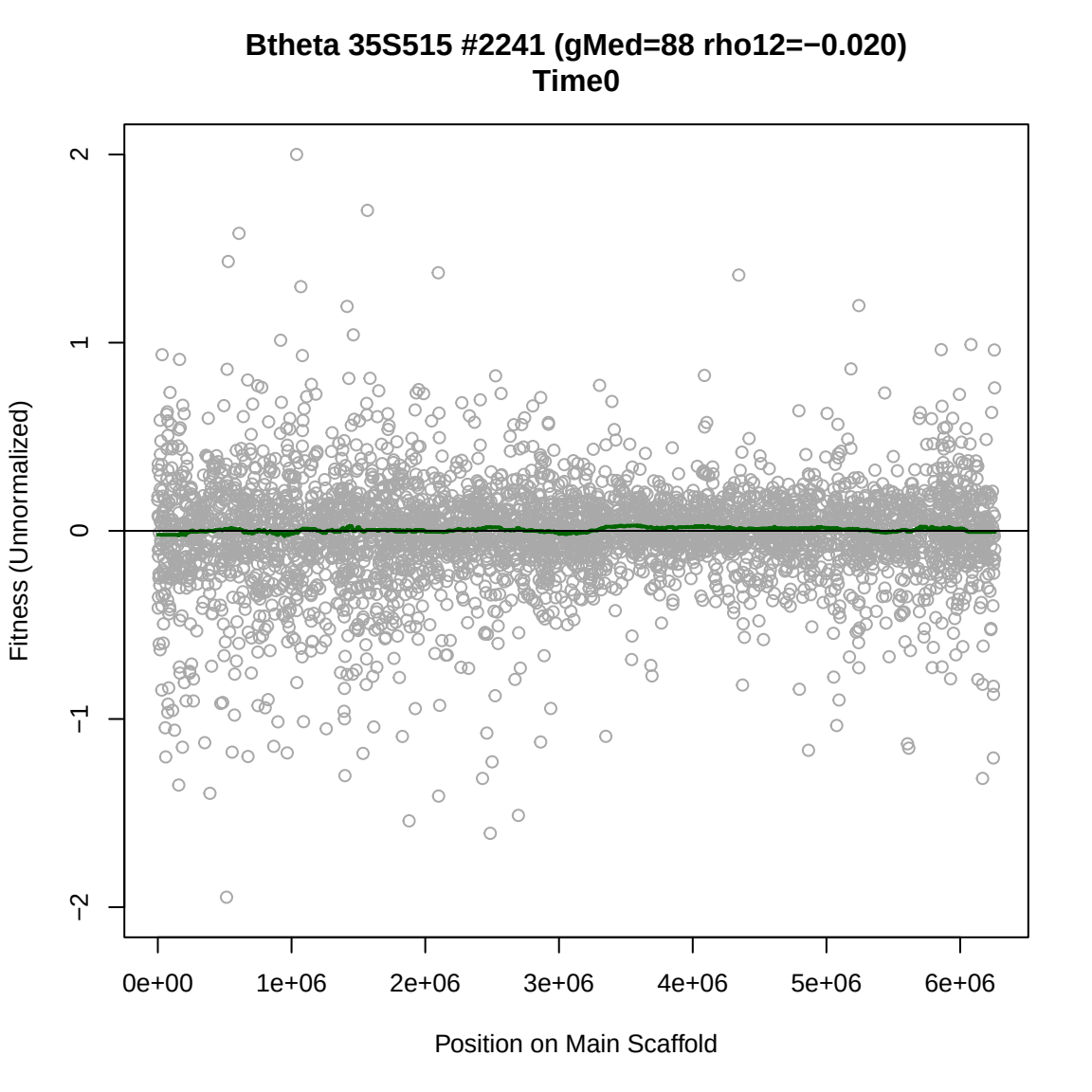

Btheta 35S510 #2236 (gMed=0 rho12=0.070)
d 350 .g/mL Calprotectin and 1 .M Enterobactin−Fe (50% saturated) and 5 .M
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

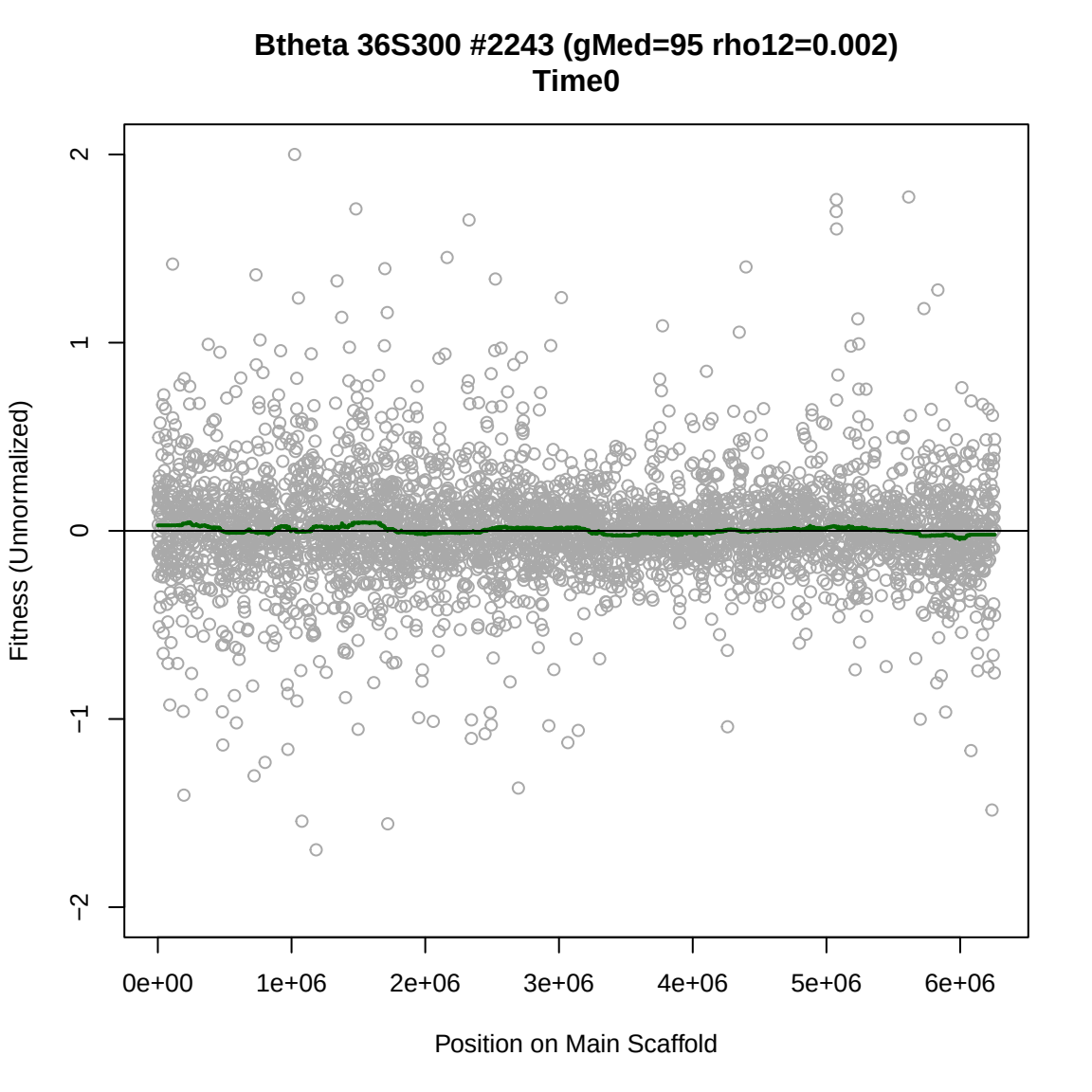

Btheta 35S511 #2237 (gMed=54 rho12=−0.021)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

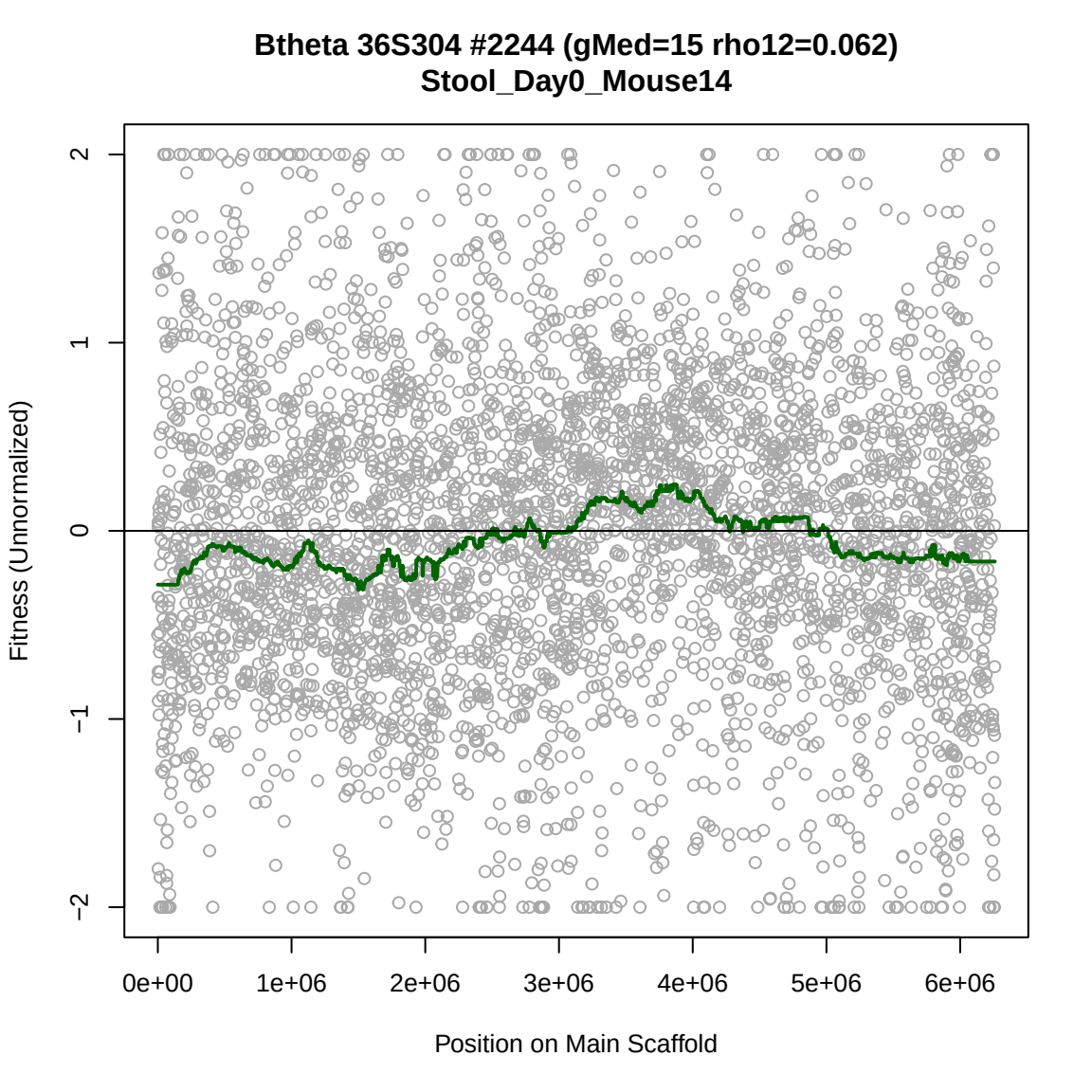

Btheta 35S512 #2238 (gMed=36 rho12=−0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

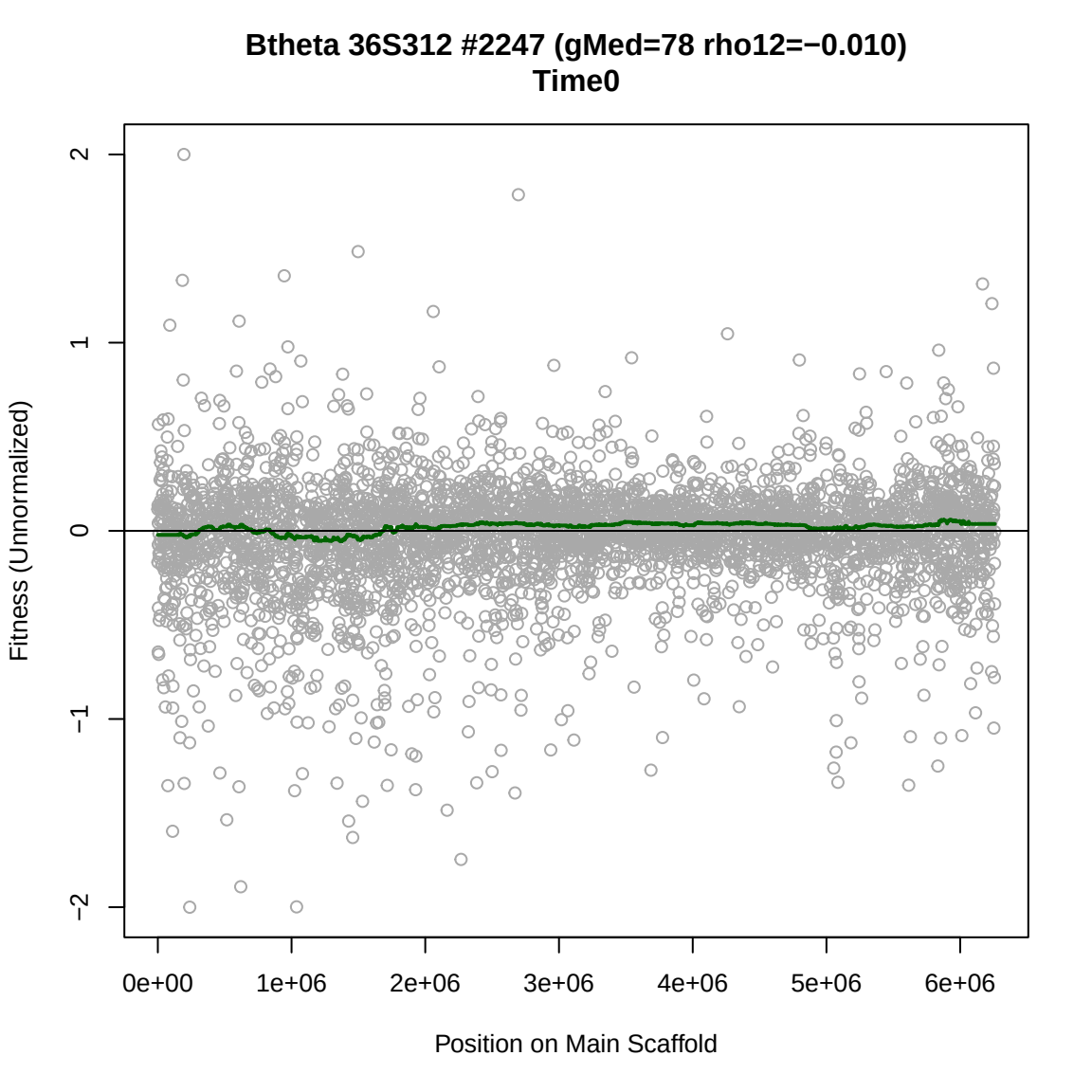

Btheta 35S513 #2239 (gMed=51 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

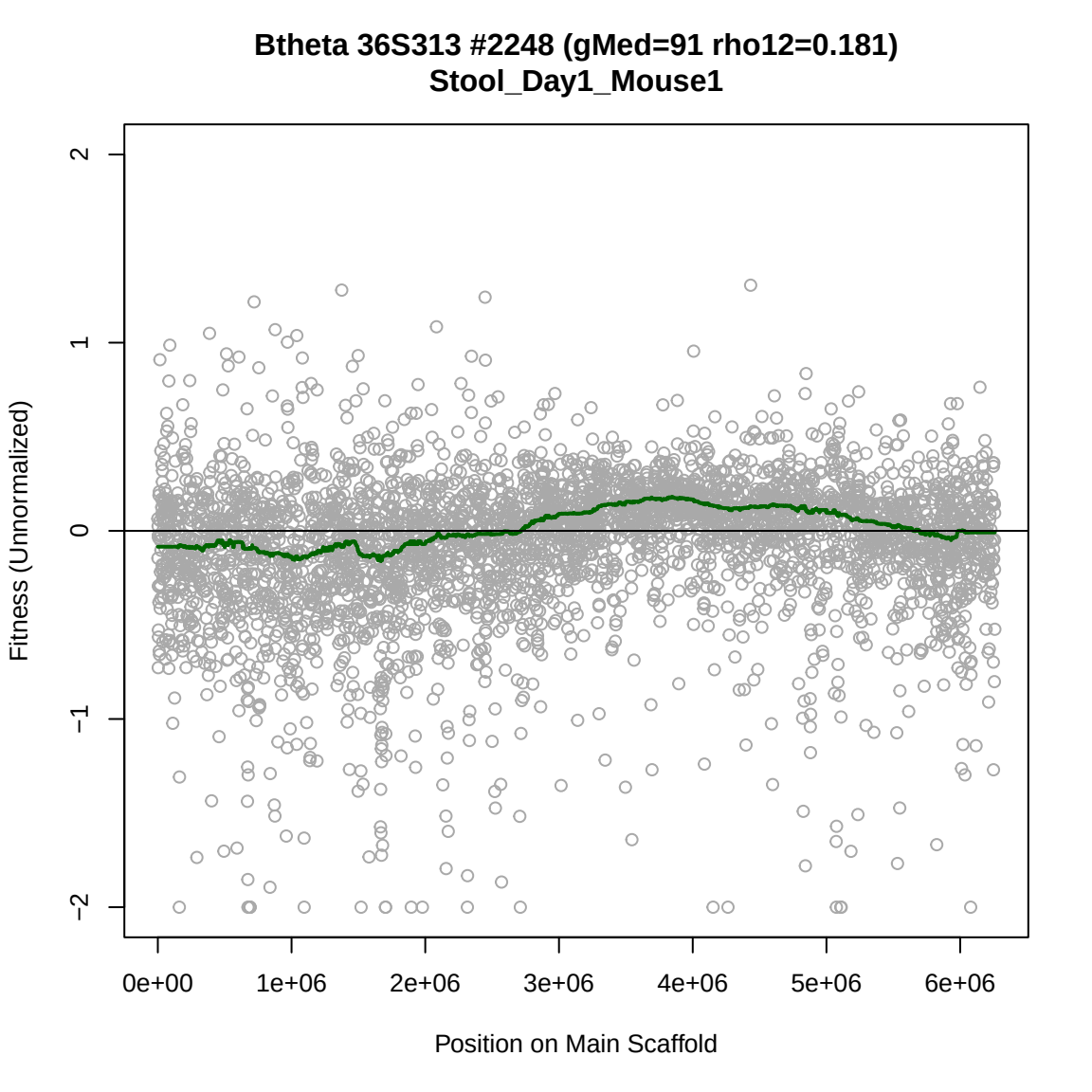

Btheta 35S514 #2240 (gMed=92 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

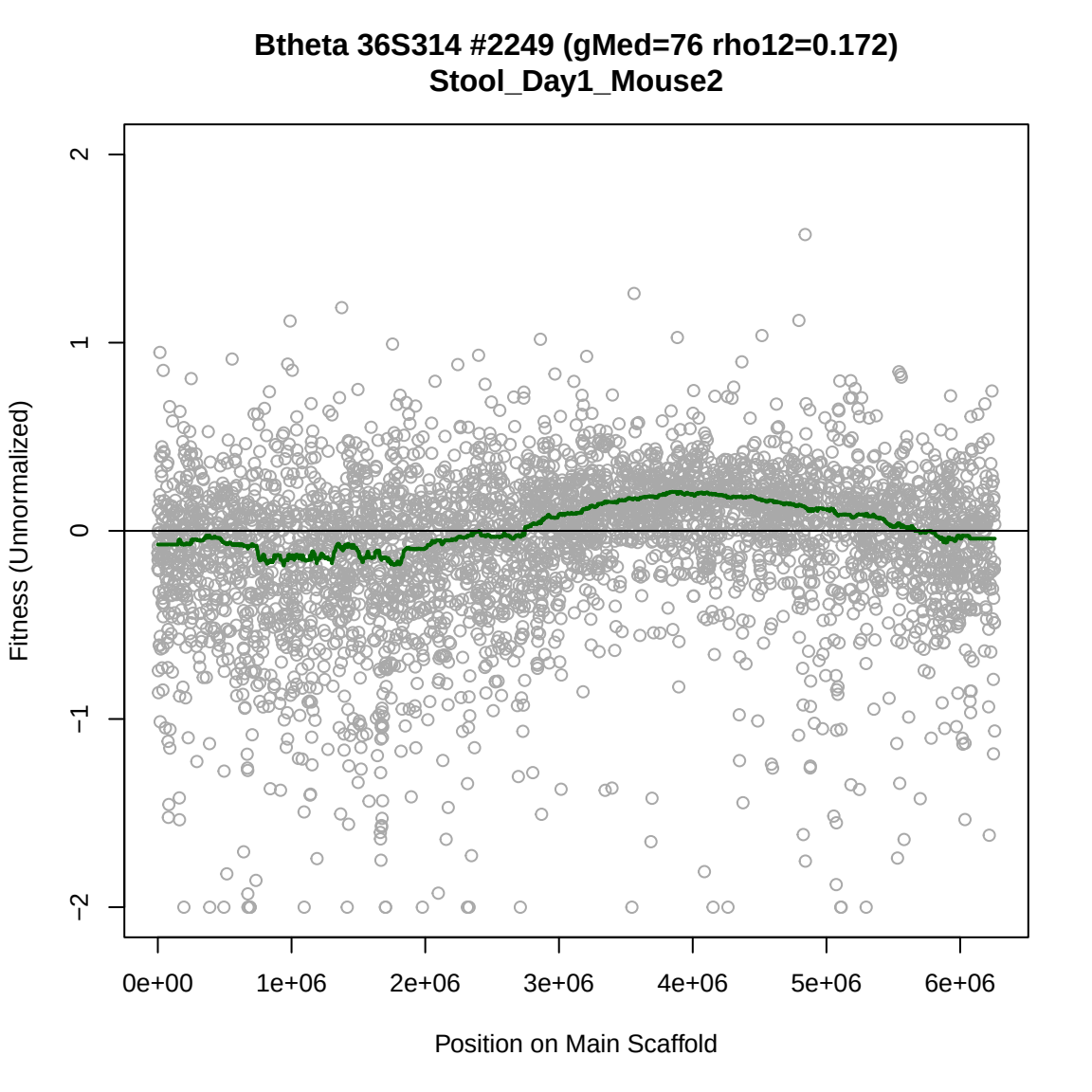

Btheta 35S515 #2241 (gMed=88 rho12=−0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

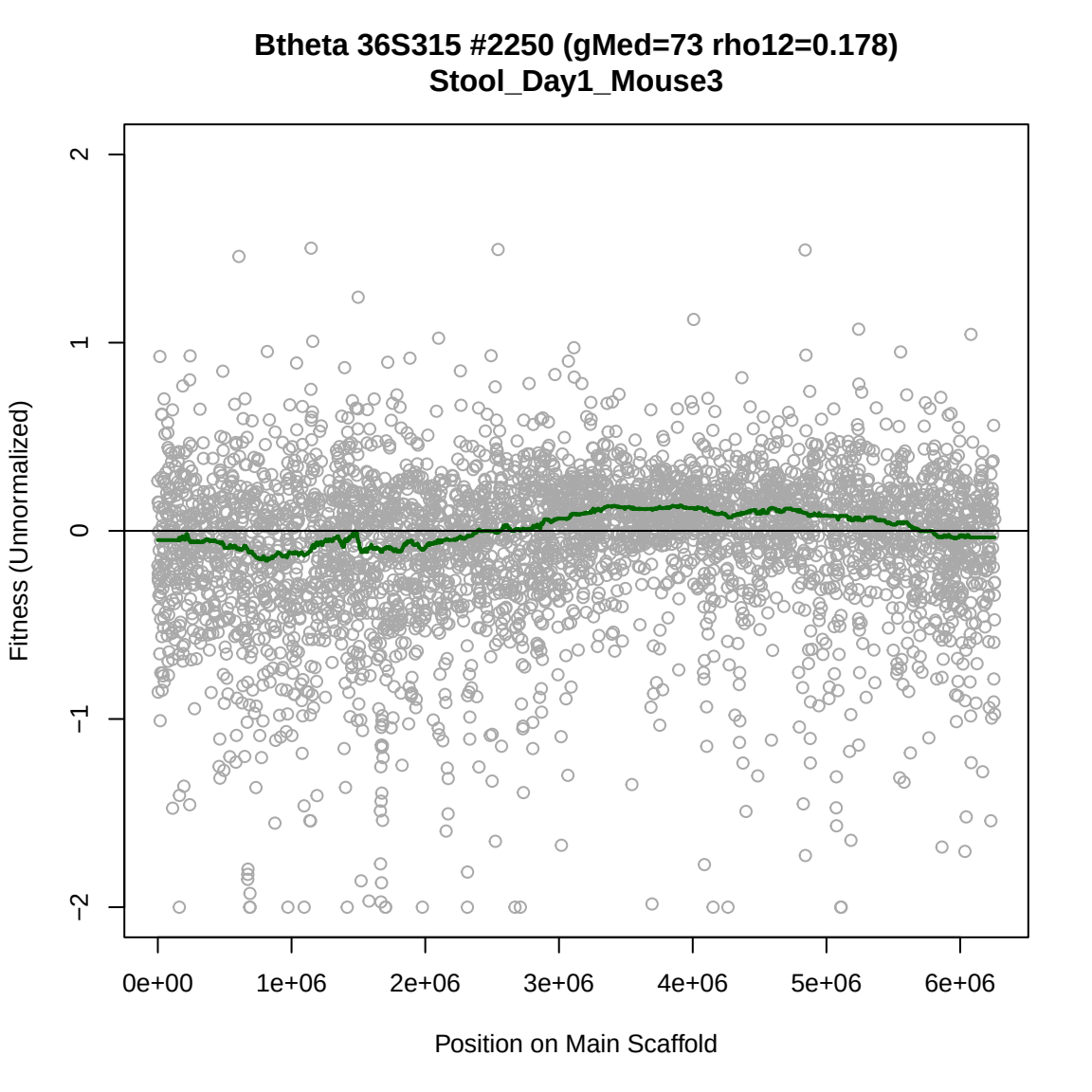

Btheta 36S300 #2243 (gMed=95 rho12=0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

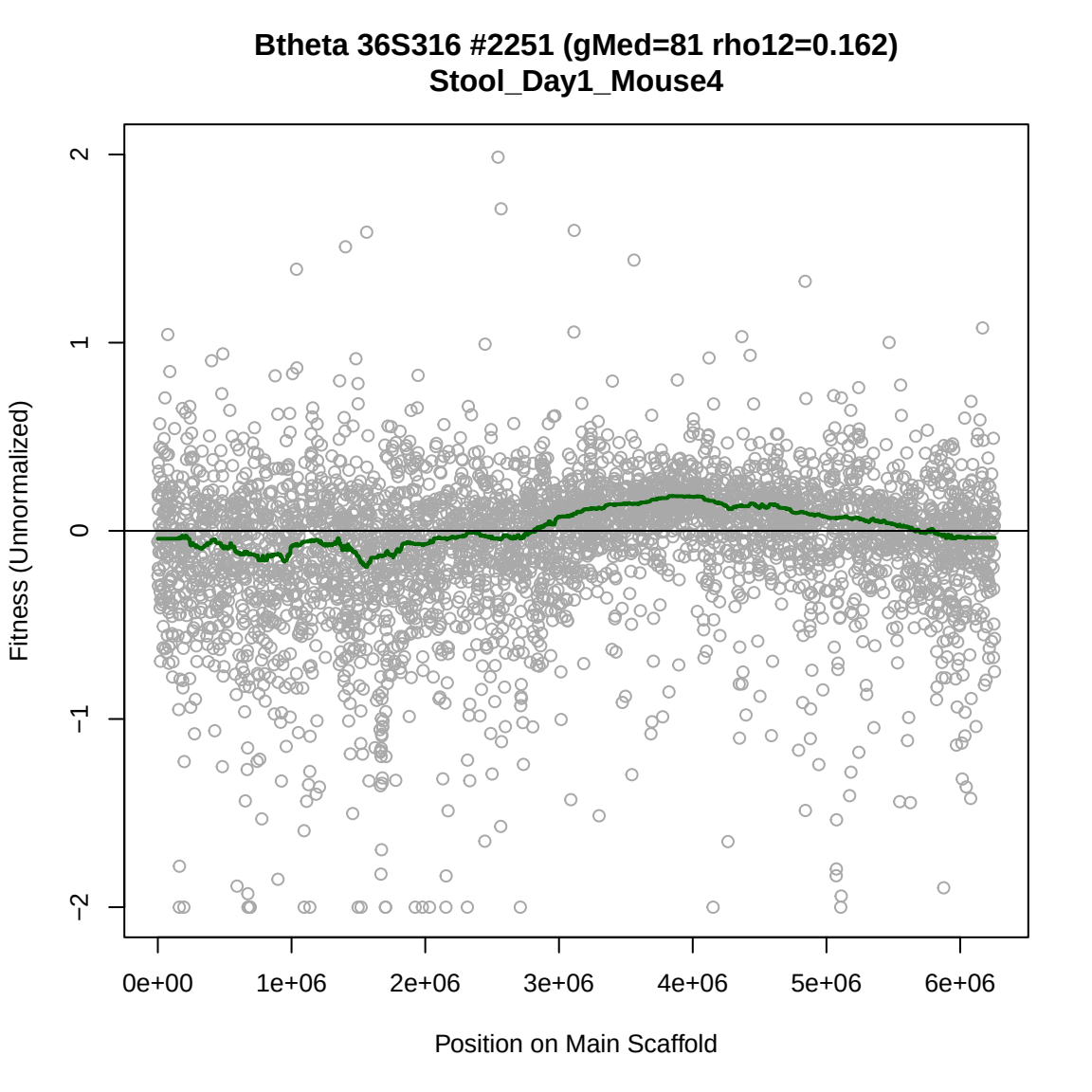

Btheta 36S304 #2244 (gMed=15 rho12=0.062)
Stool_Day0_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

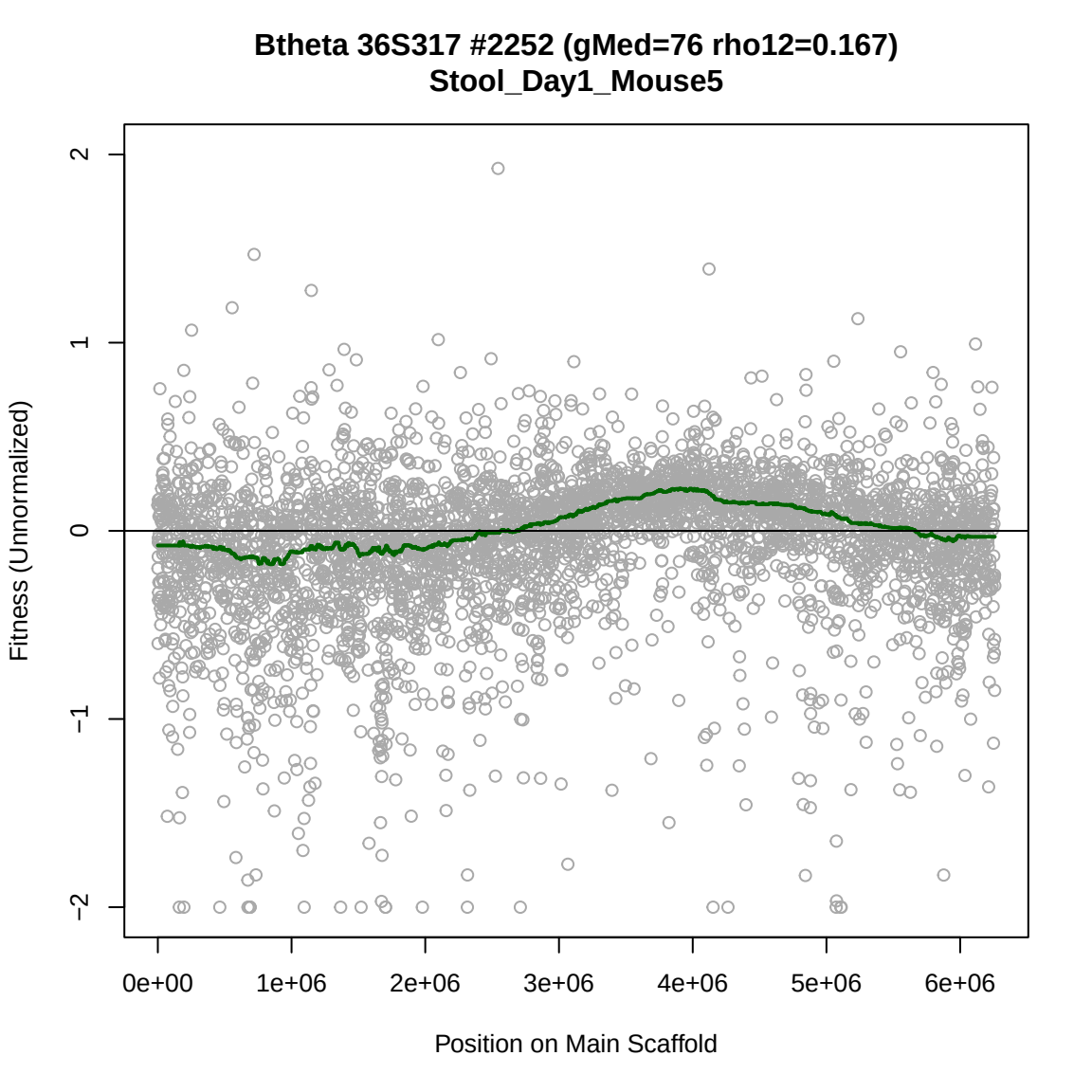

Btheta 36S312 #2247 (gMed=78 rho12=−0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

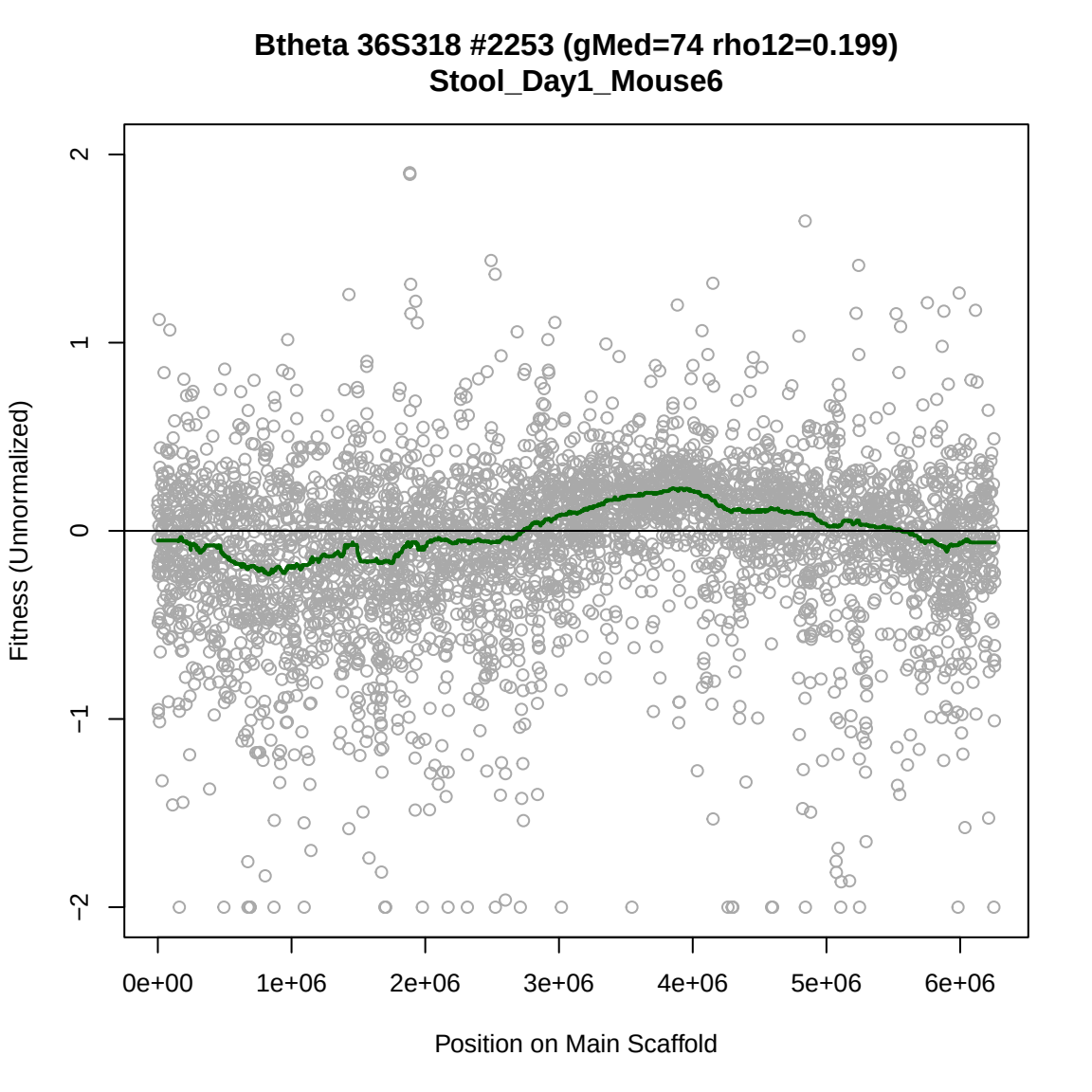

Btheta 36S313 #2248 (gMed=91 rho12=0.181)
Stool_Day1_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

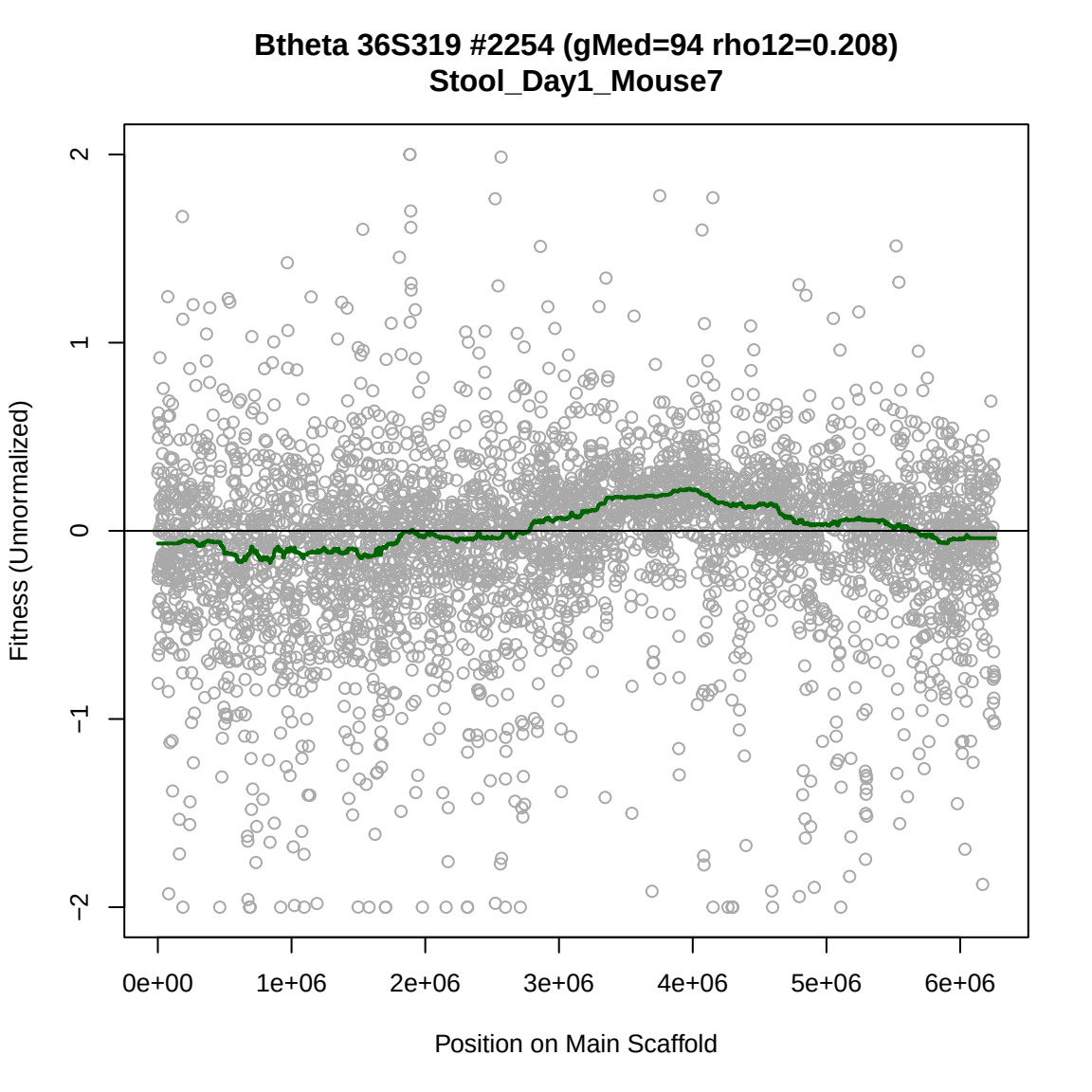

Btheta 36S314 #2249 (gMed=76 rho12=0.172)
Stool_Day1_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

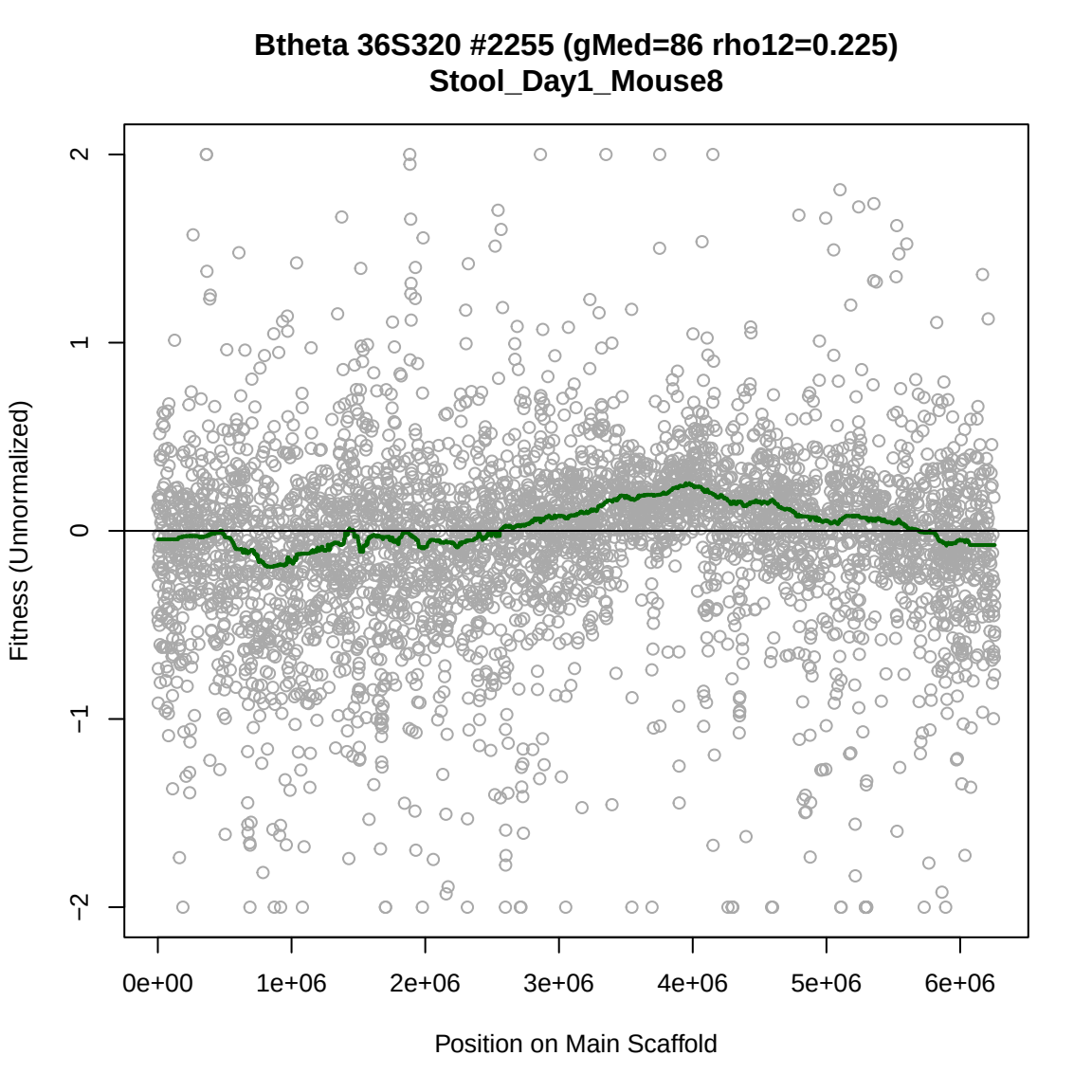

Btheta 36S315 #2250 (gMed=73 rho12=0.178)
Stool_Day1_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

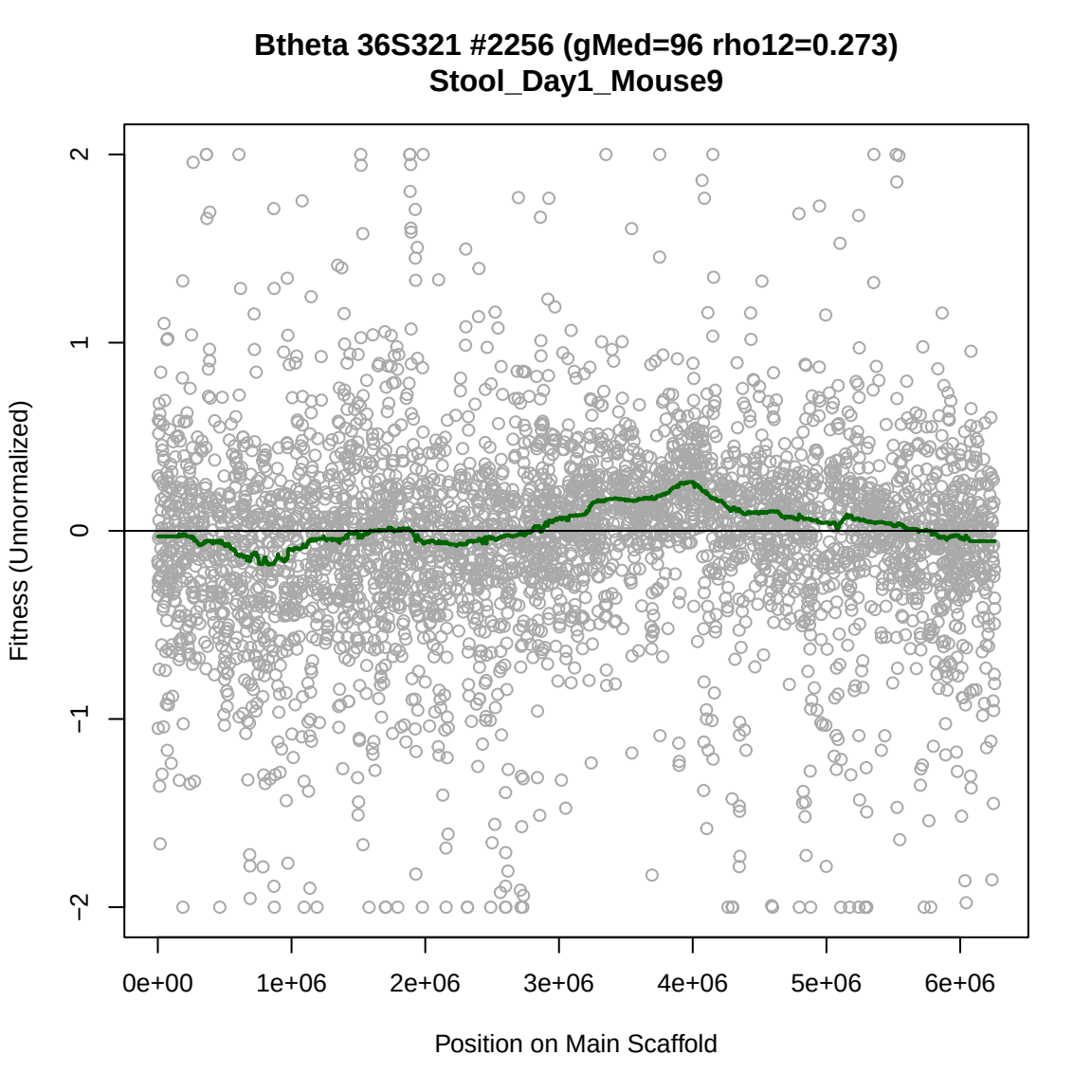

Btheta 36S316 #2251 (gMed=81 rho12=0.162)
Stool_Day1_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

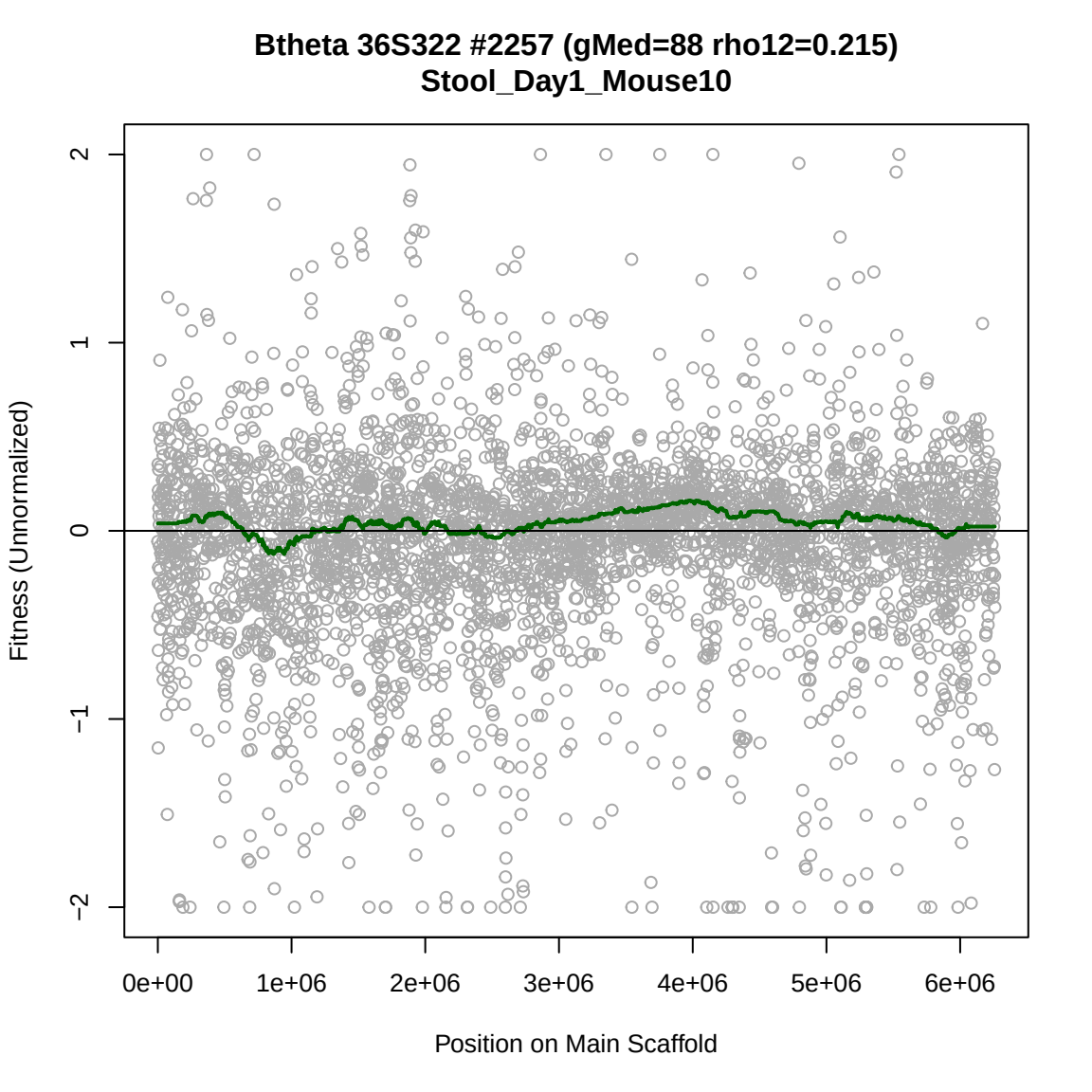

Btheta 36S317 #2252 (gMed=76 rho12=0.167)
Stool_Day1_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

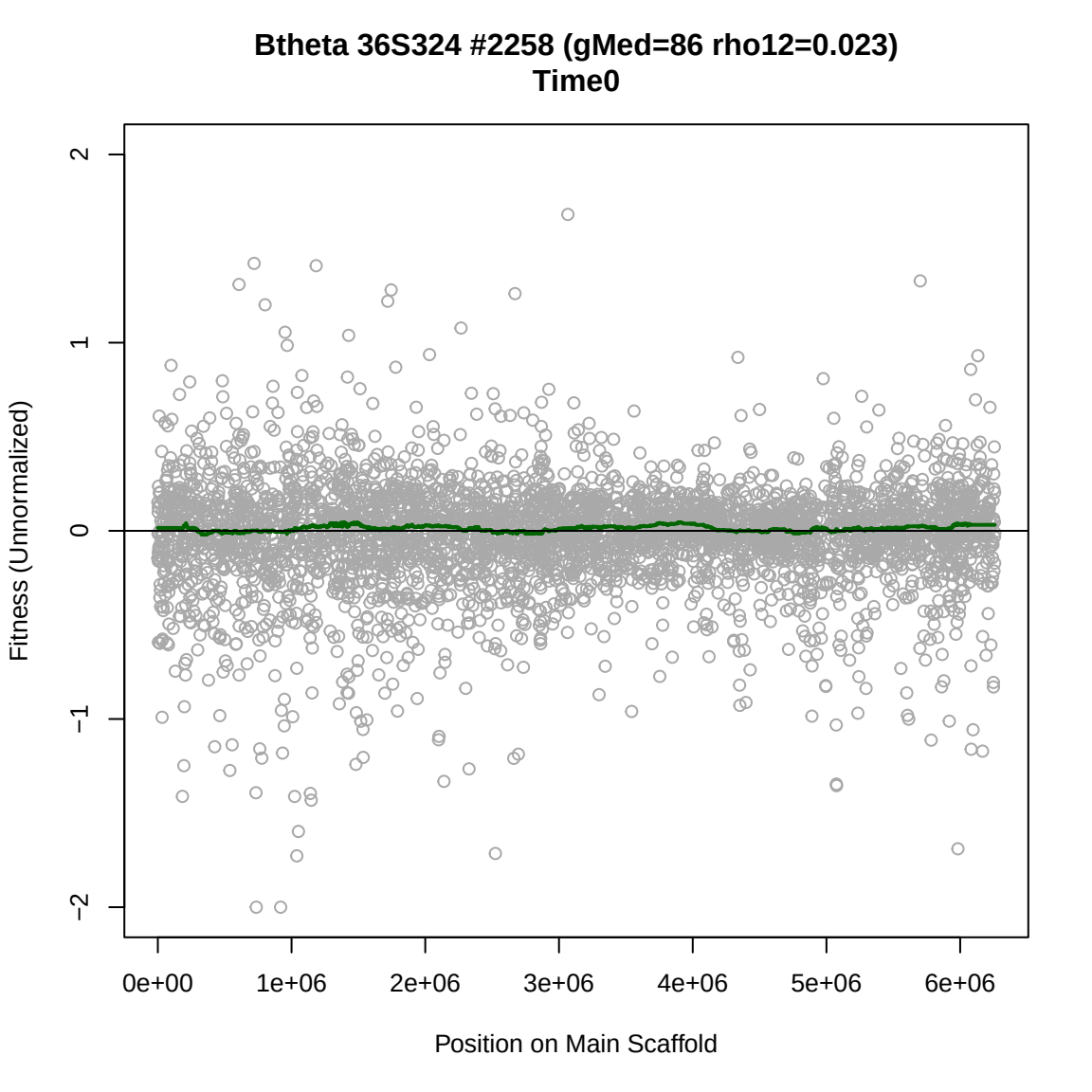

Btheta 36S318 #2253 (gMed=74 rho12=0.199)
Stool_Day1_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

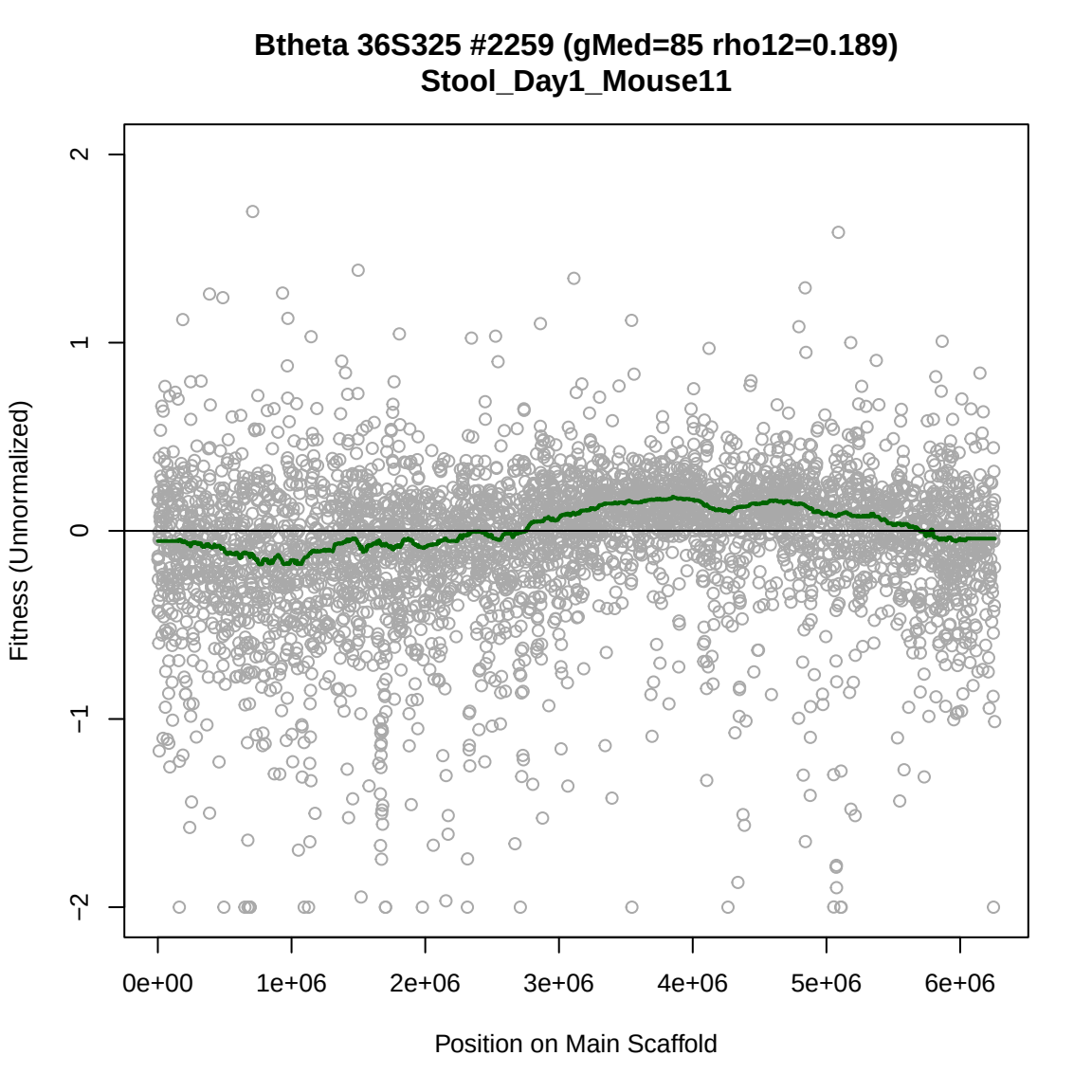

Btheta 36S319 #2254 (gMed=94 rho12=0.208)
Stool_Day1_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

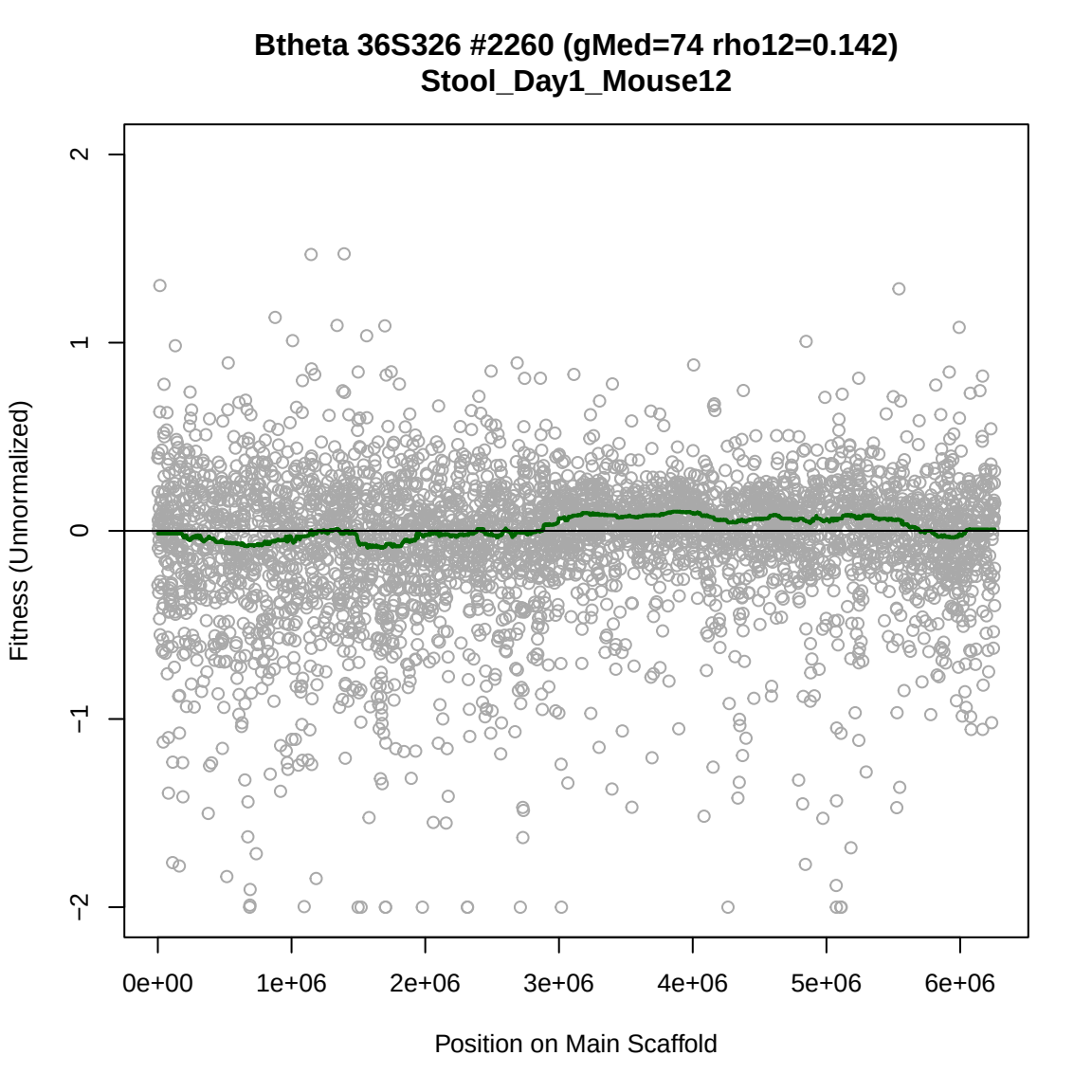

Btheta 36S320 #2255 (gMed=86 rho12=0.225)
Stool_Day1_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

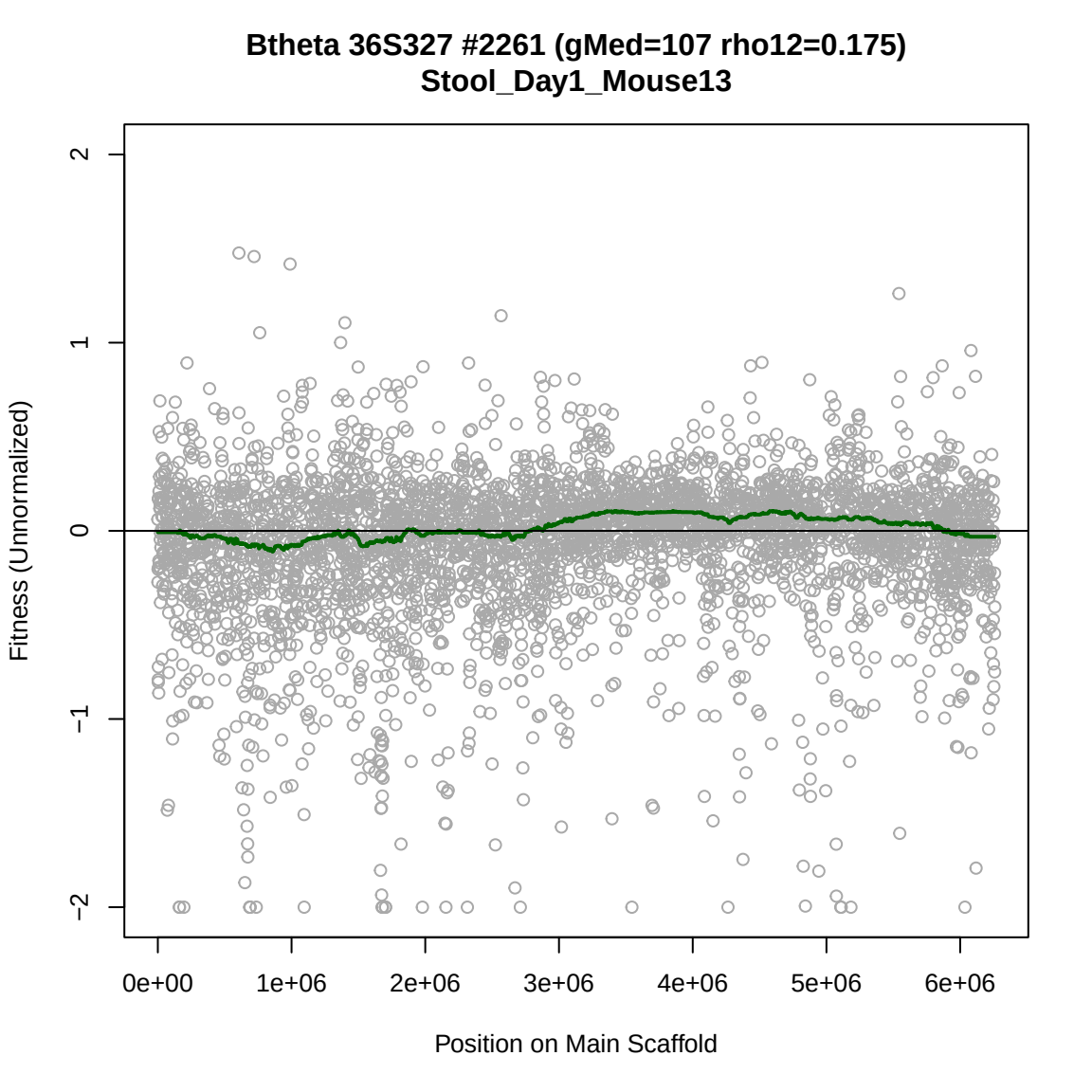

Btheta 36S321 #2256 (gMed=96 rho12=0.273)
Stool_Day1_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

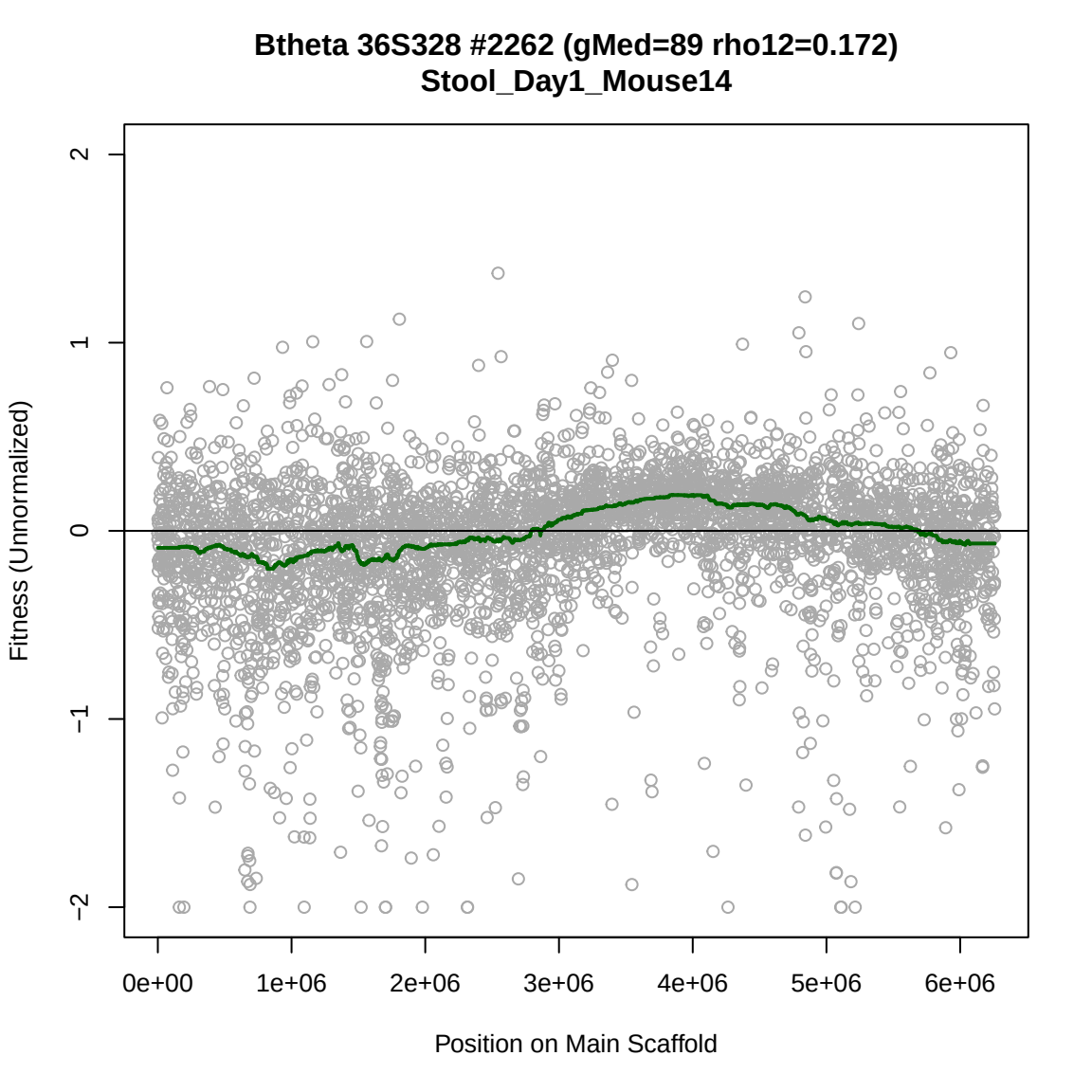

Btheta 36S322 #2257 (gMed=88 rho12=0.215)
Stool_Day1_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

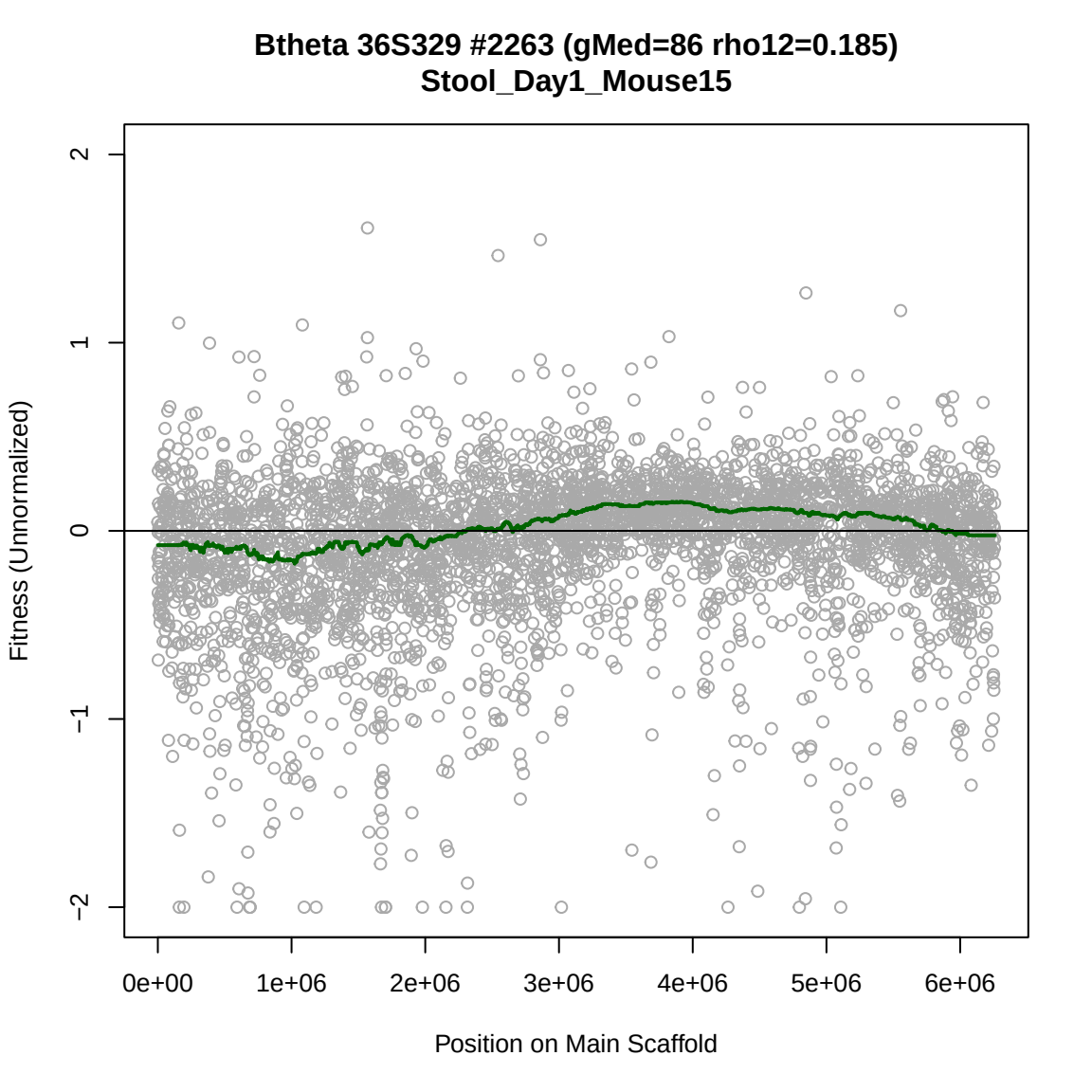

Btheta 36S324 #2258 (gMed=86 rho12=0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

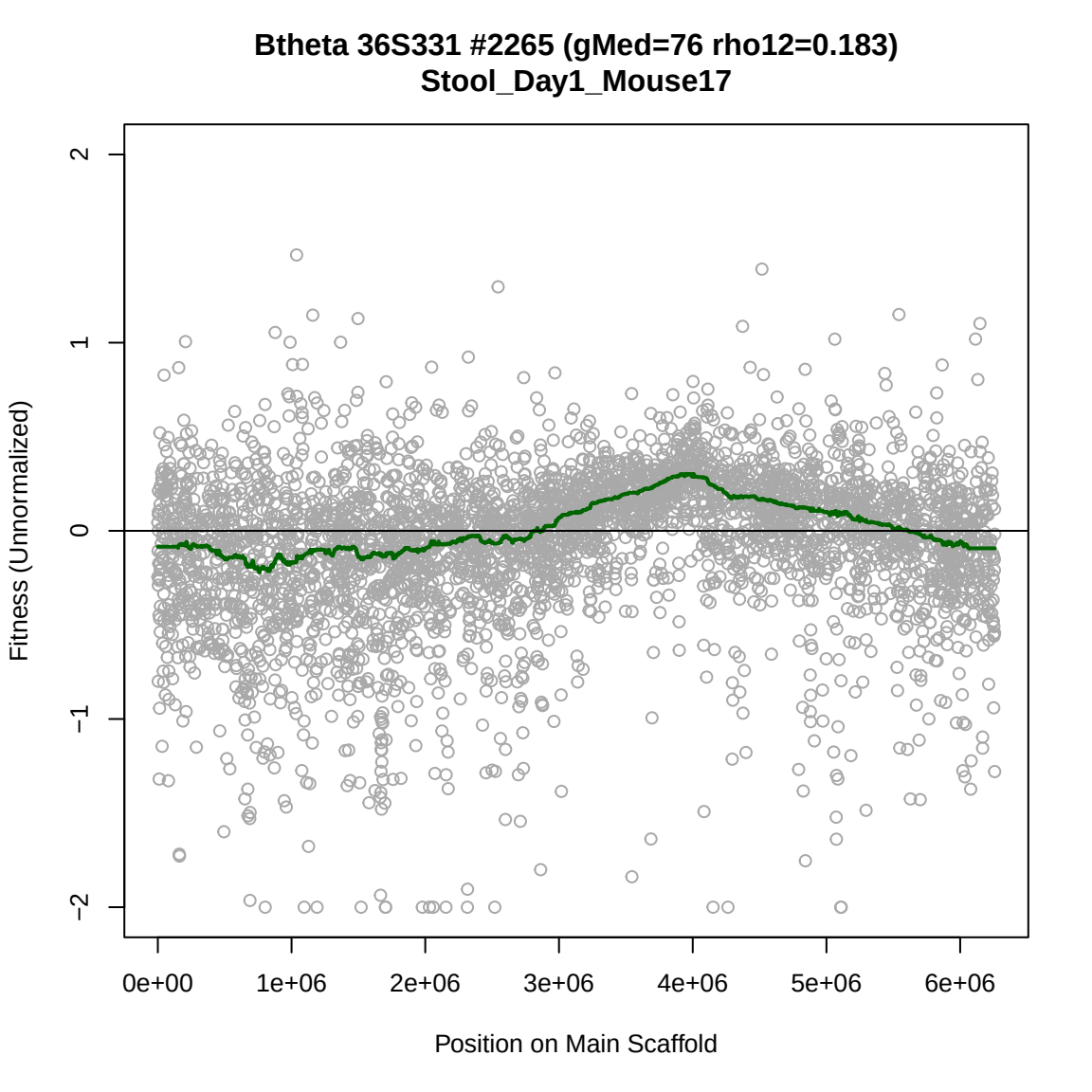

Btheta 36S325 #2259 (gMed=85 rho12=0.189)
Stool_Day1_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

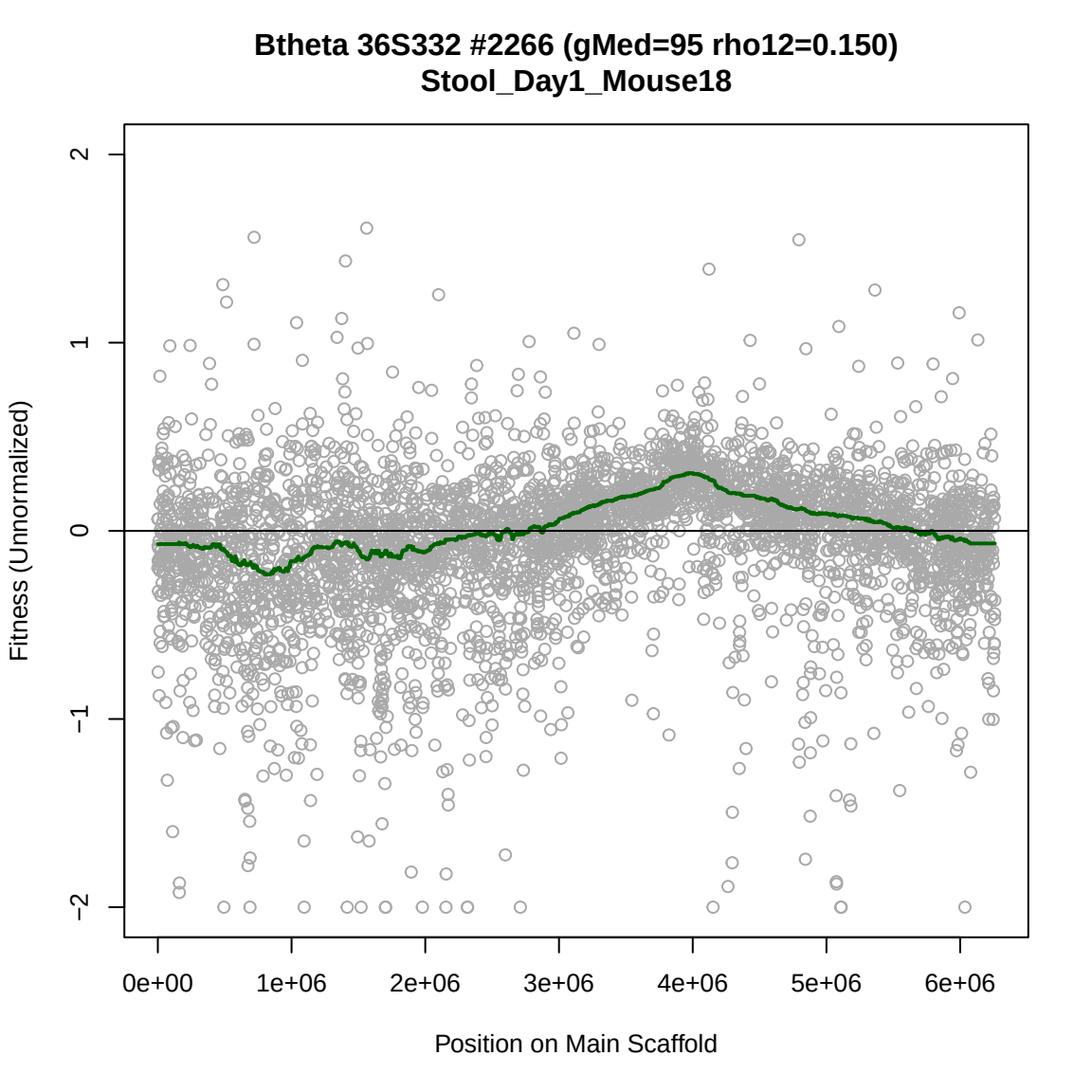

Btheta 36S326 #2260 (gMed=74 rho12=0.142)
Stool_Day1_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

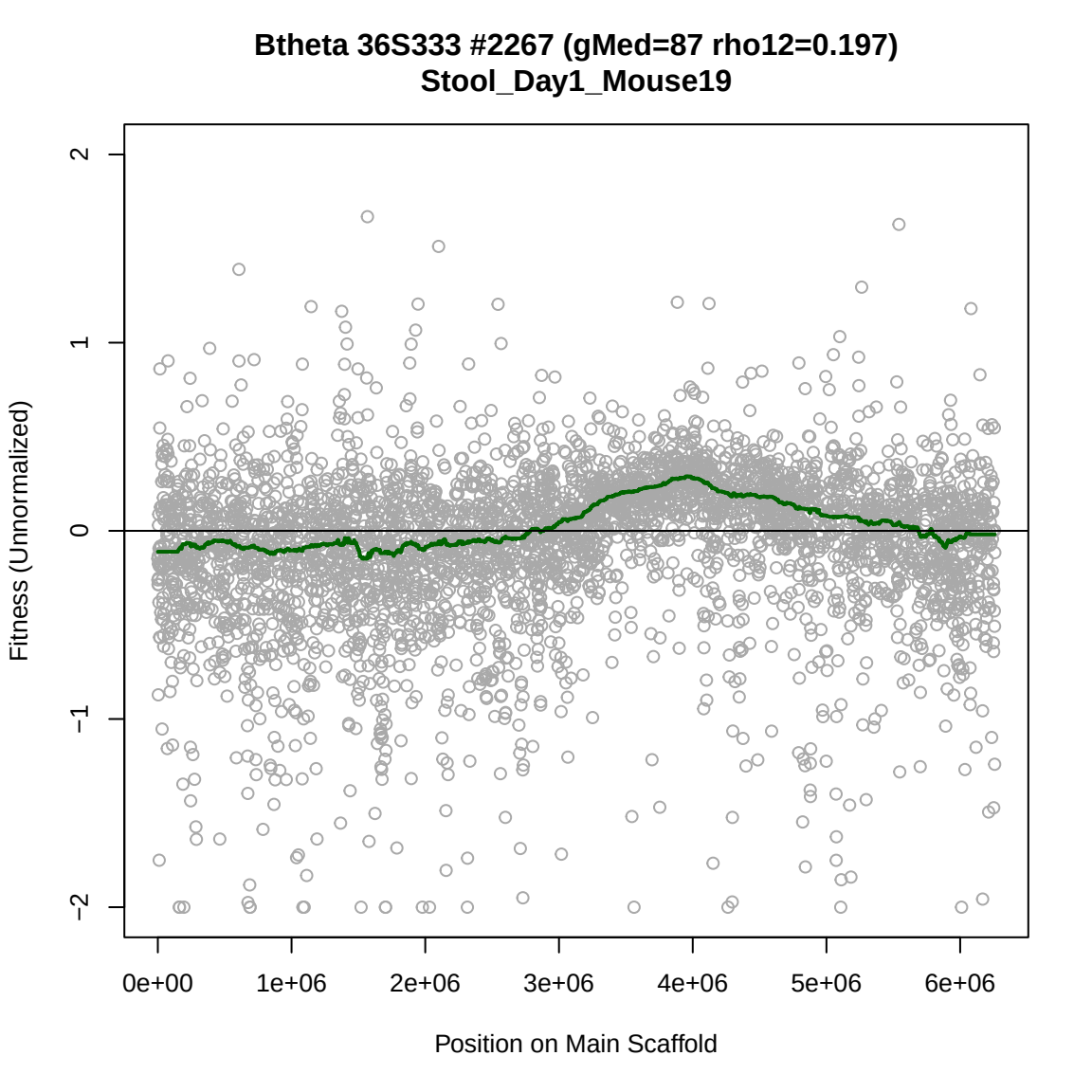

Btheta 36S327 #2261 (gMed=107 rho12=0.175)
Stool_Day1_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

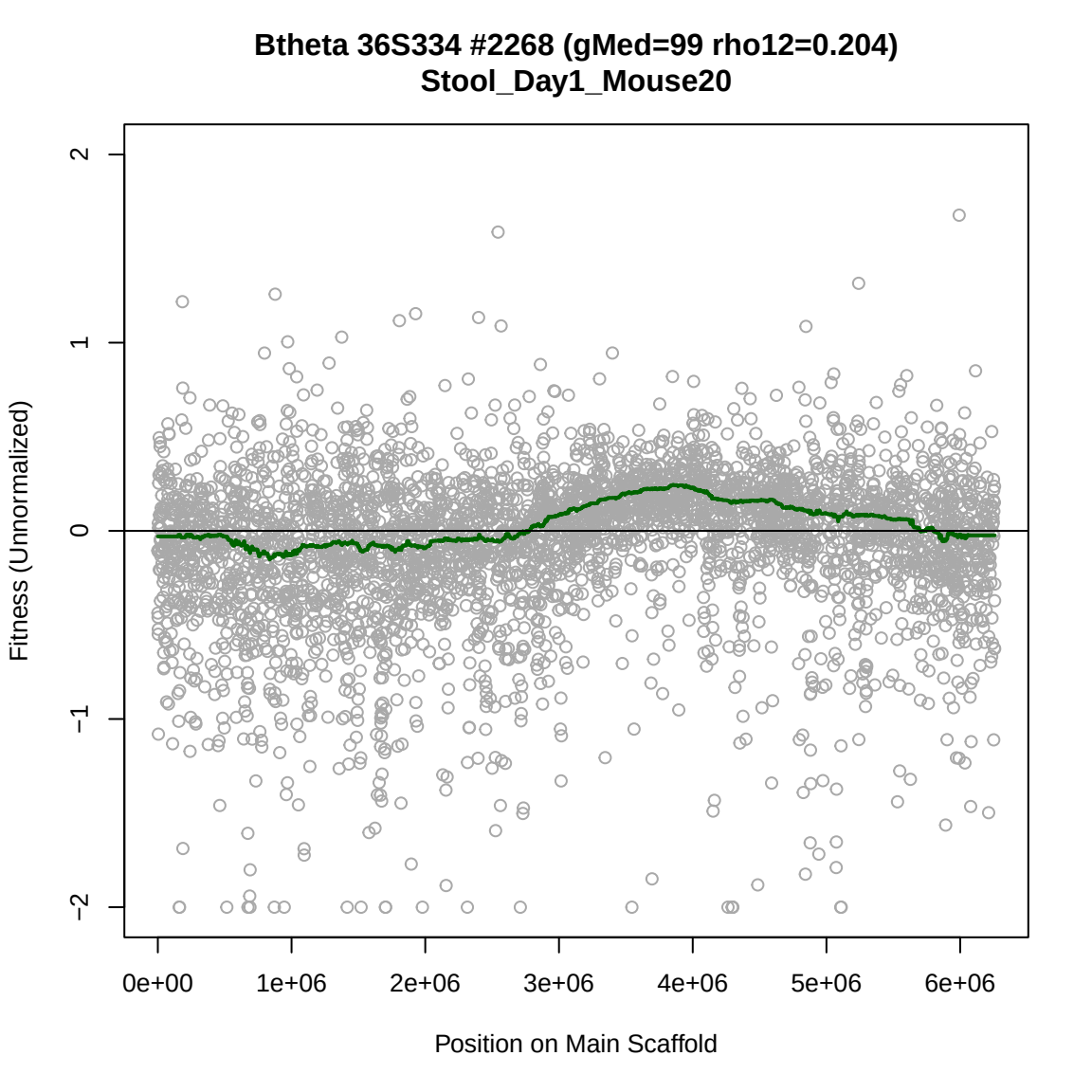

Btheta 36S328 #2262 (gMed=89 rho12=0.172)
Stool_Day1_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

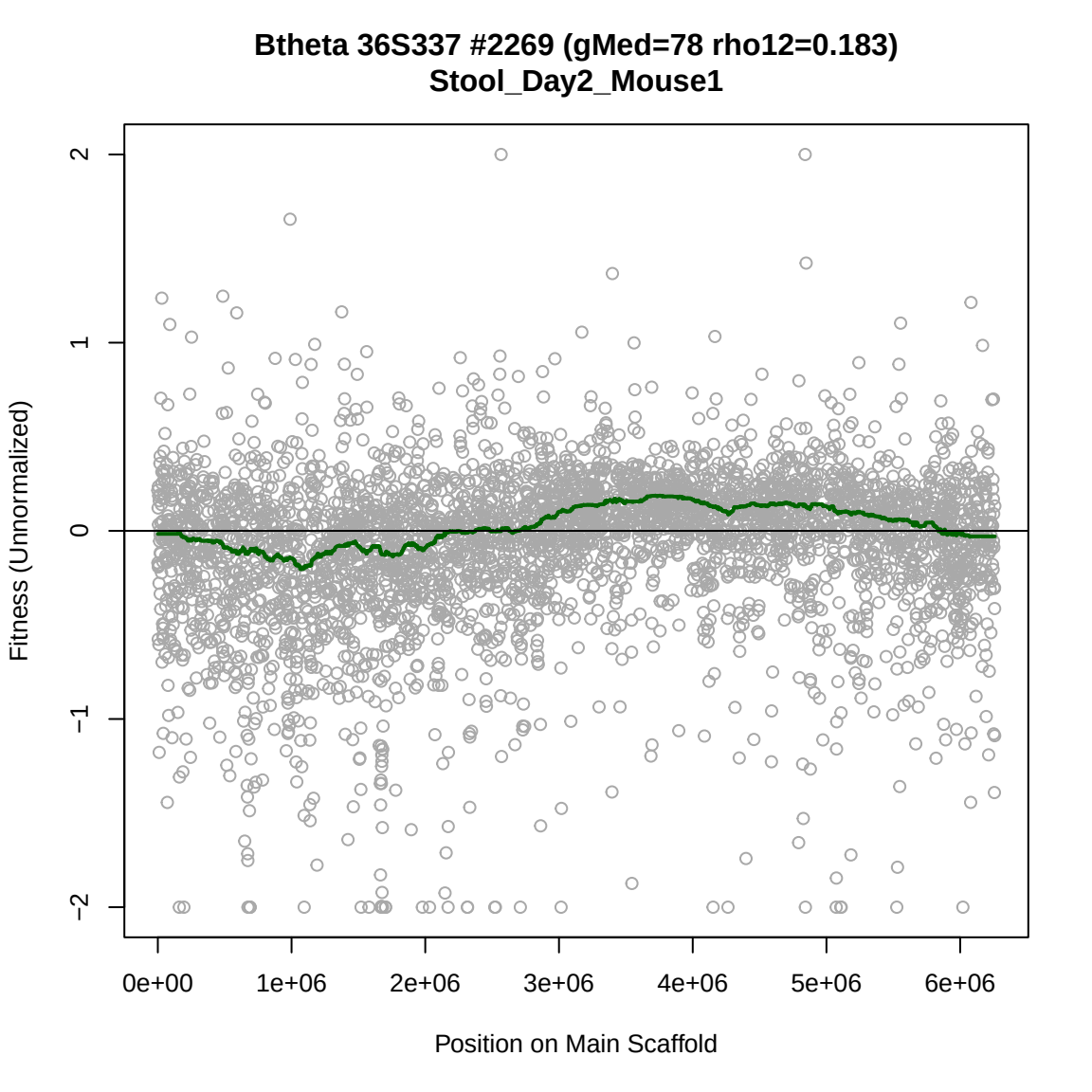

Btheta 36S329 #2263 (gMed=86 rho12=0.185)
Stool_Day1_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

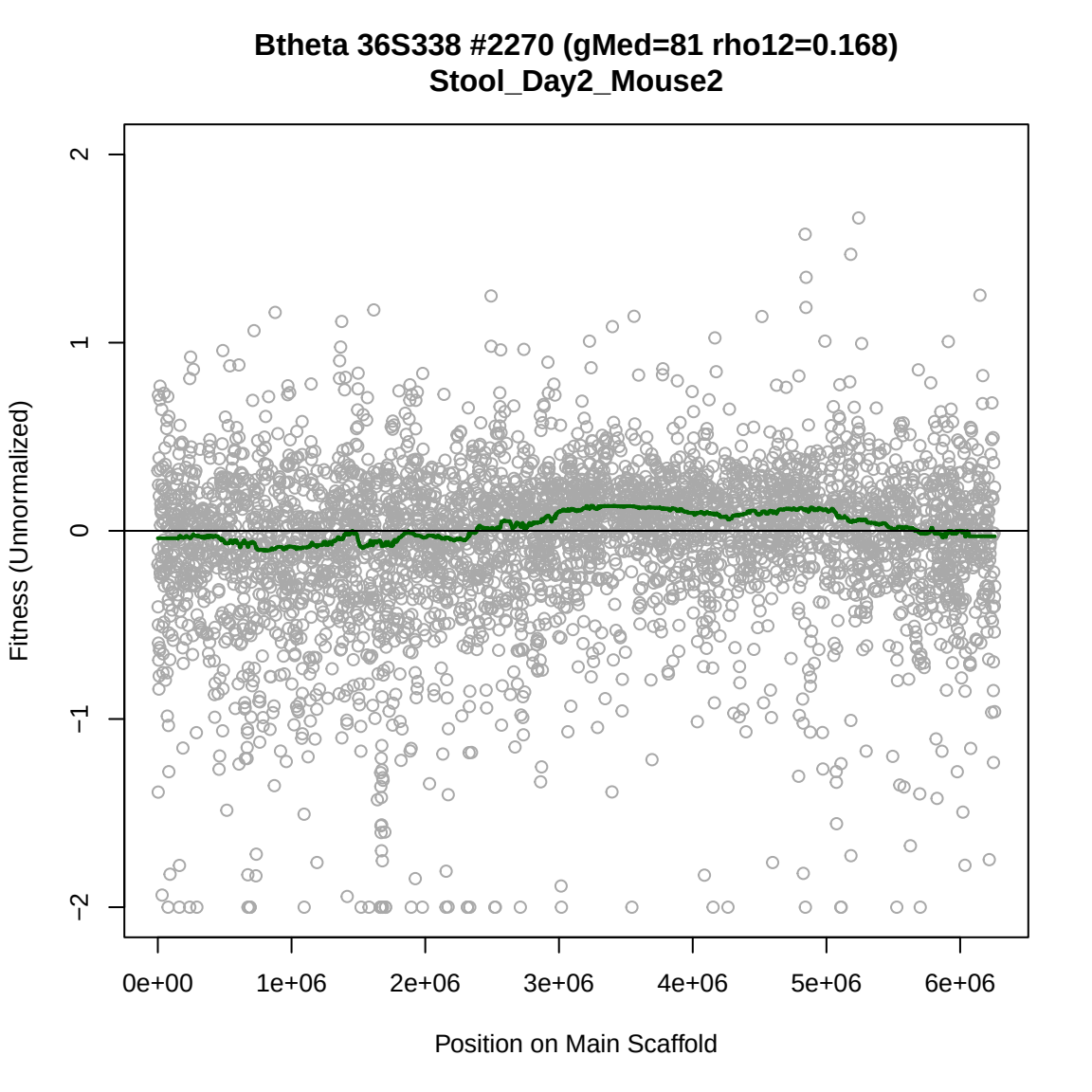

Btheta 36S331 #2265 (gMed=76 rho12=0.183)
Stool_Day1_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

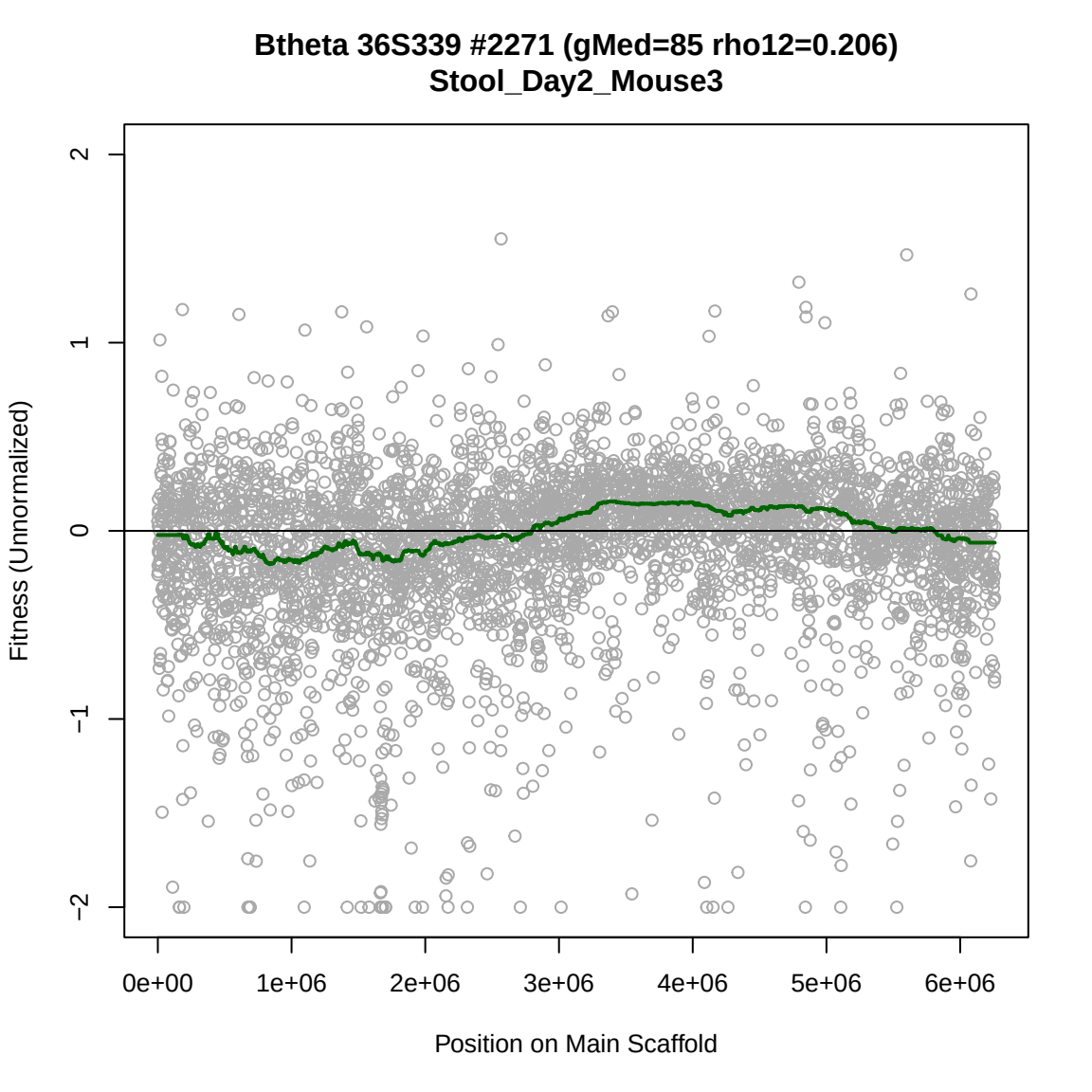

Btheta 36S332 #2266 (gMed=95 rho12=0.150)
Stool_Day1_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

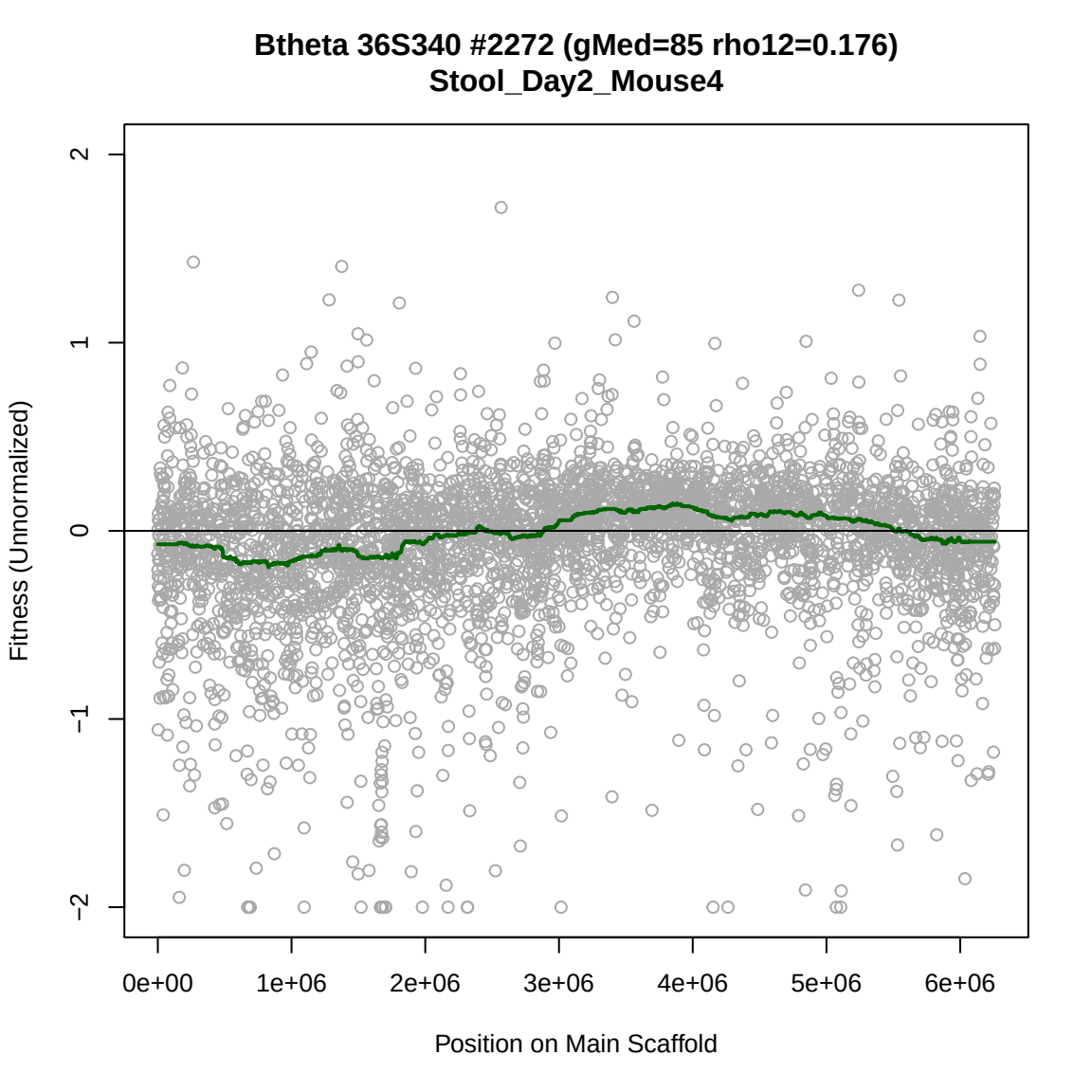

Btheta 36S333 #2267 (gMed=87 rho12=0.197)
Stool_Day1_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

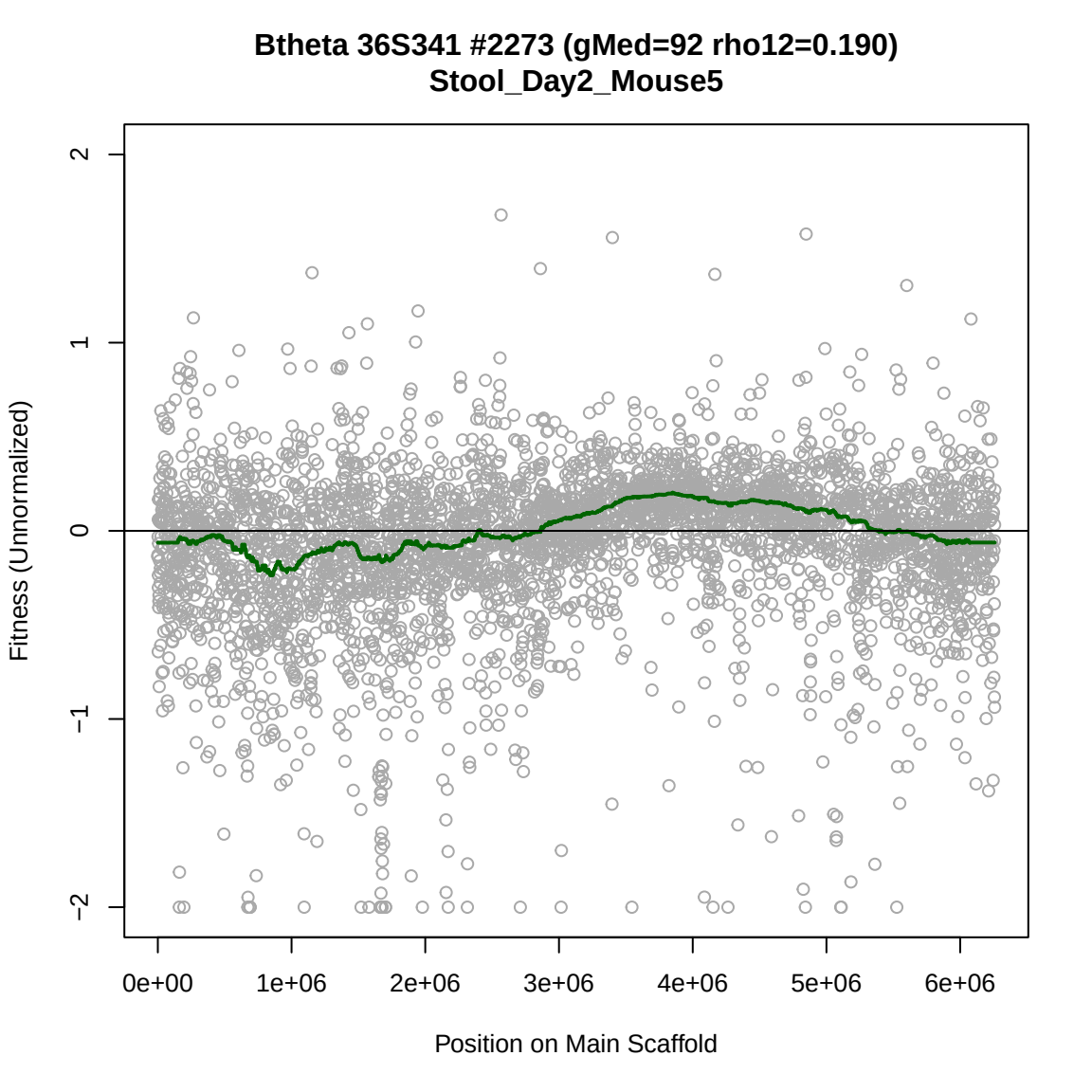

Btheta 36S334 #2268 (gMed=99 rho12=0.204)
Stool_Day1_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

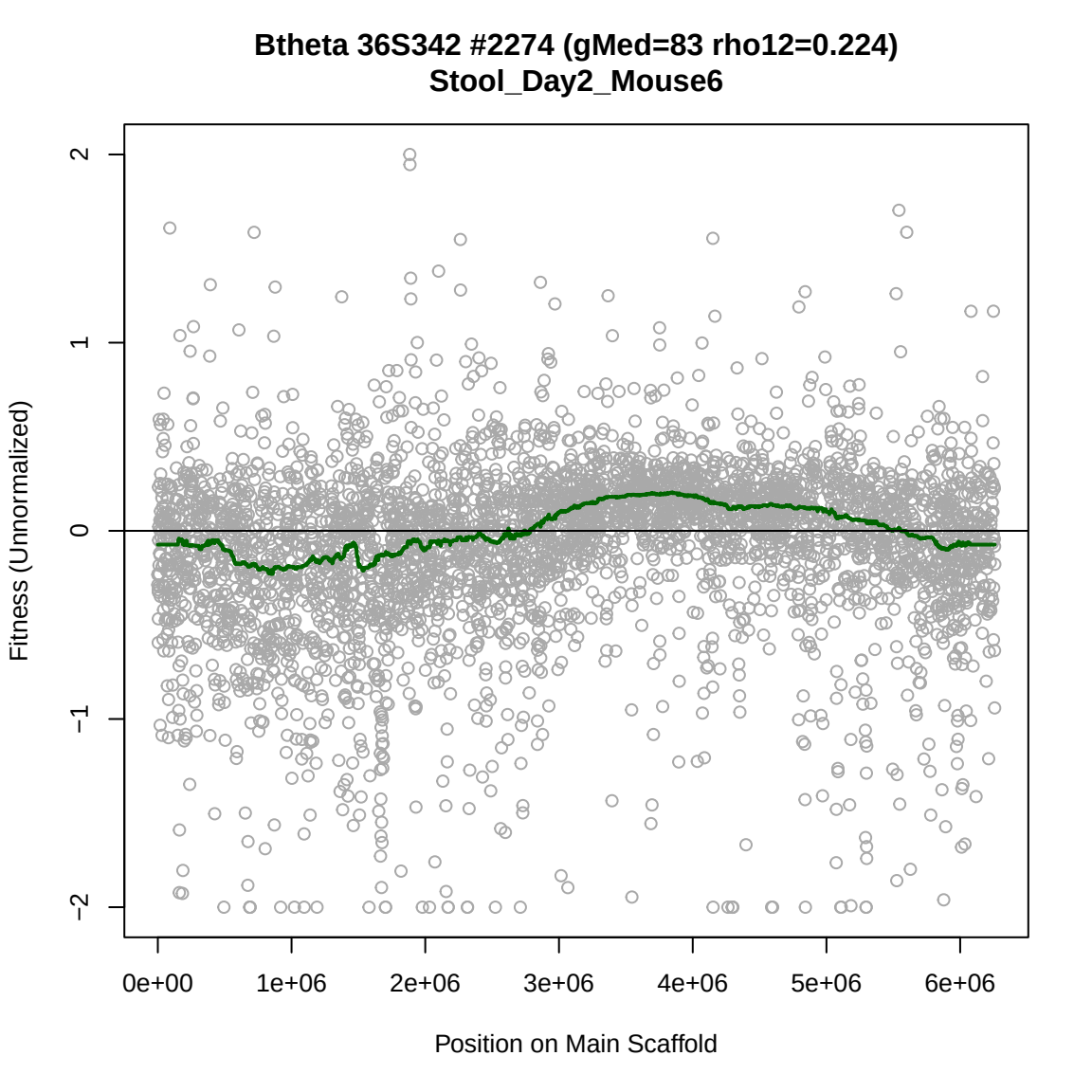

Btheta 36S337 #2269 (gMed=78 rho12=0.183)
Stool_Day2_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

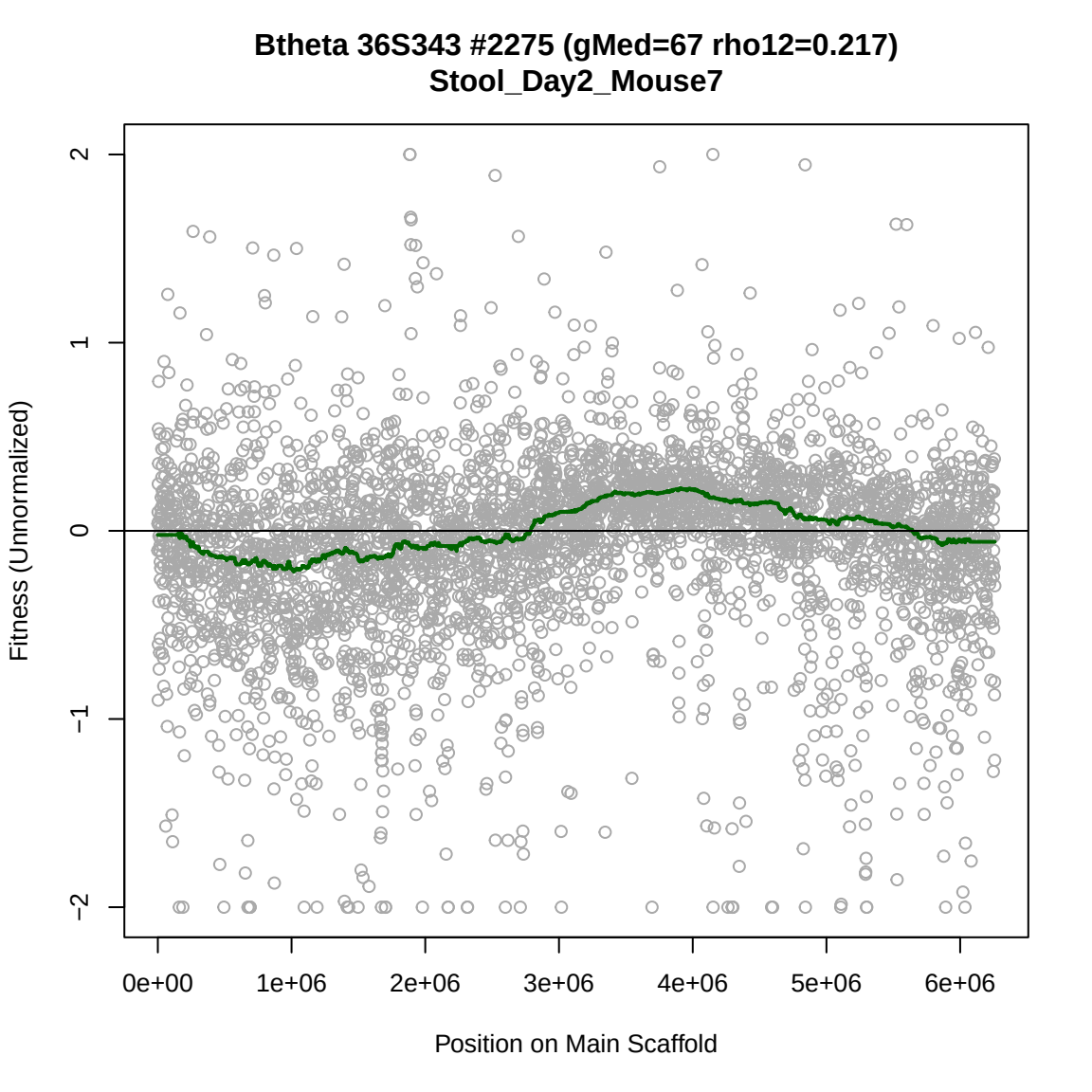

Btheta 36S338 #2270 (gMed=81 rho12=0.168)
Stool_Day2_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

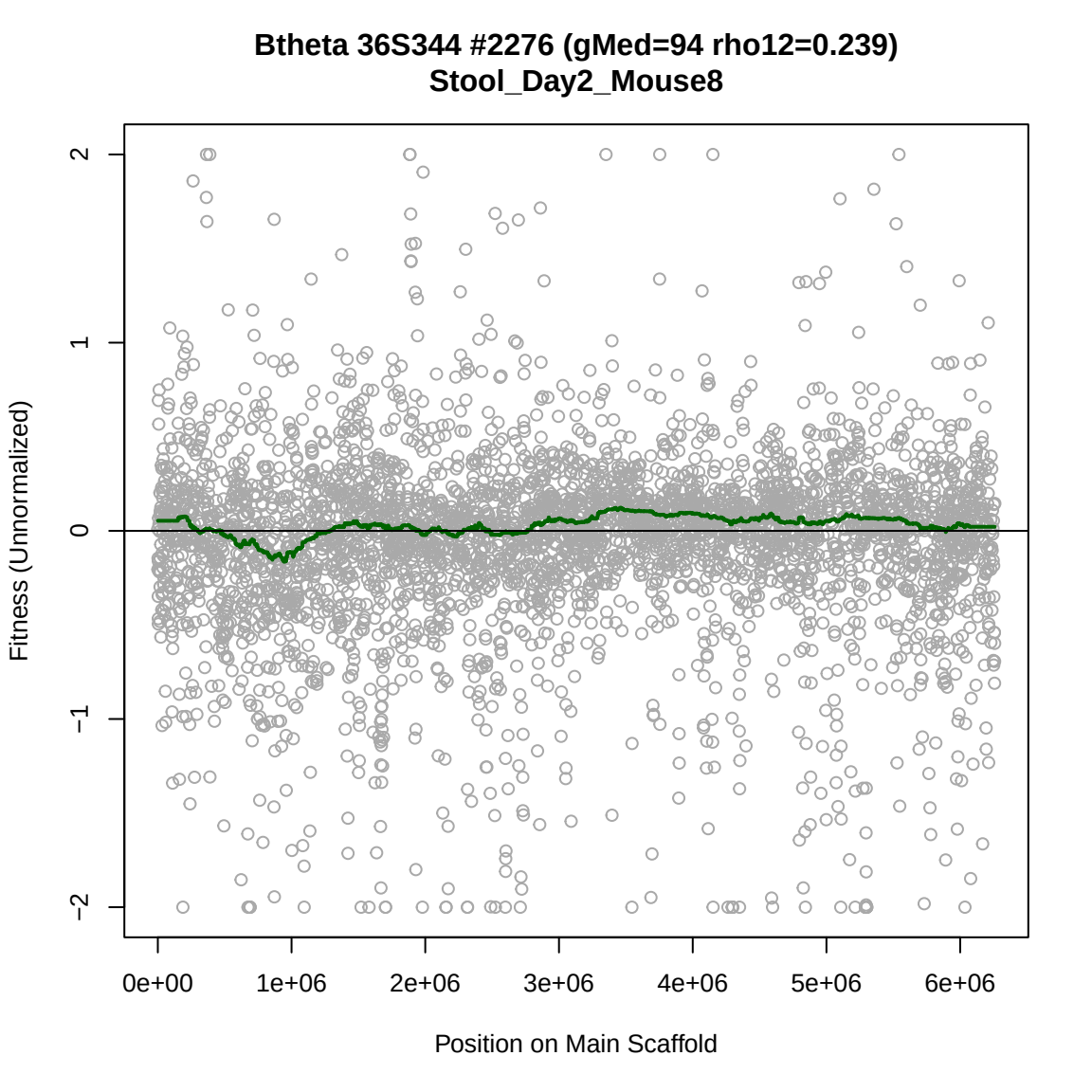

Btheta 36S339 #2271 (gMed=85 rho12=0.206)
Stool_Day2_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

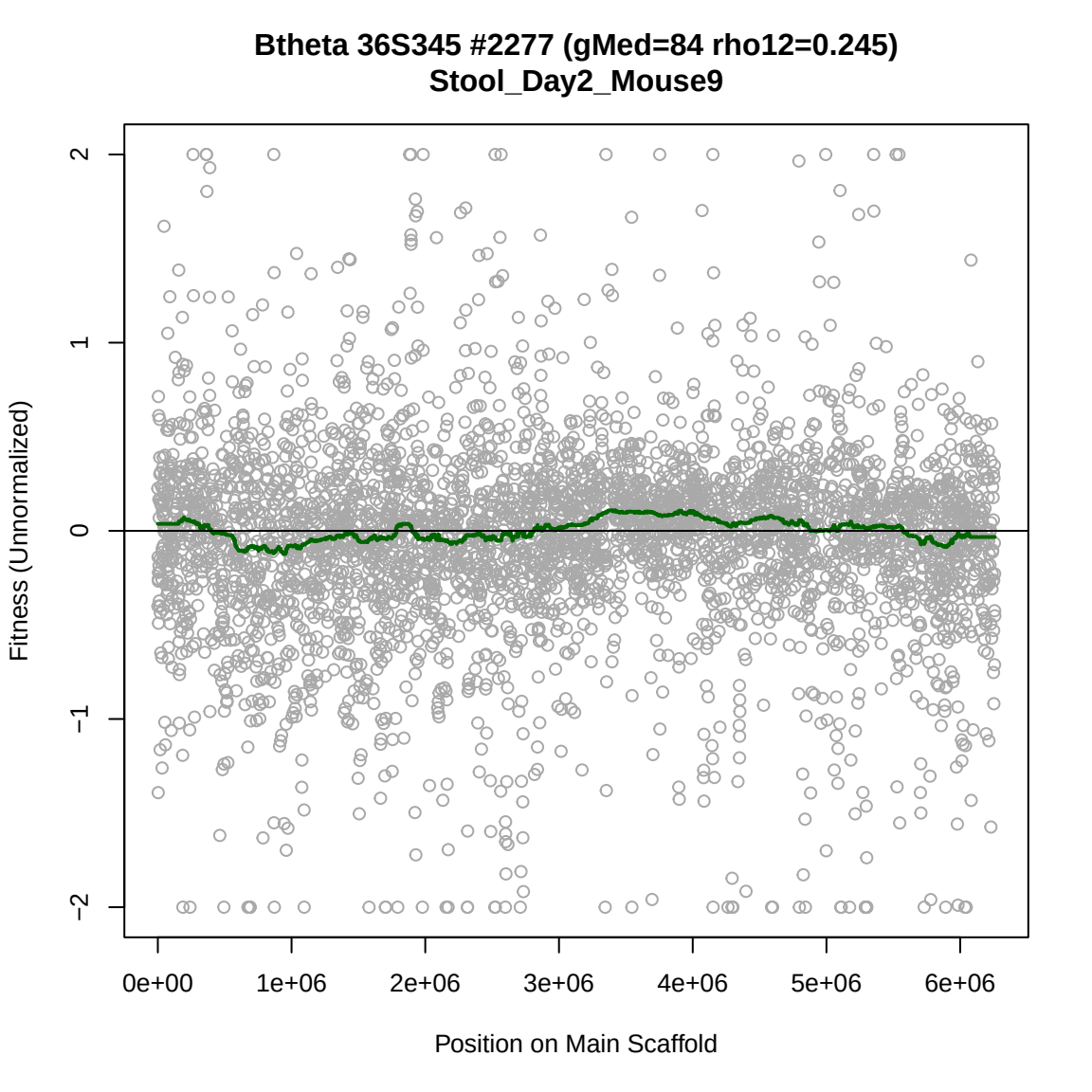

Btheta 36S340 #2272 (gMed=85 rho12=0.176)
Stool_Day2_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

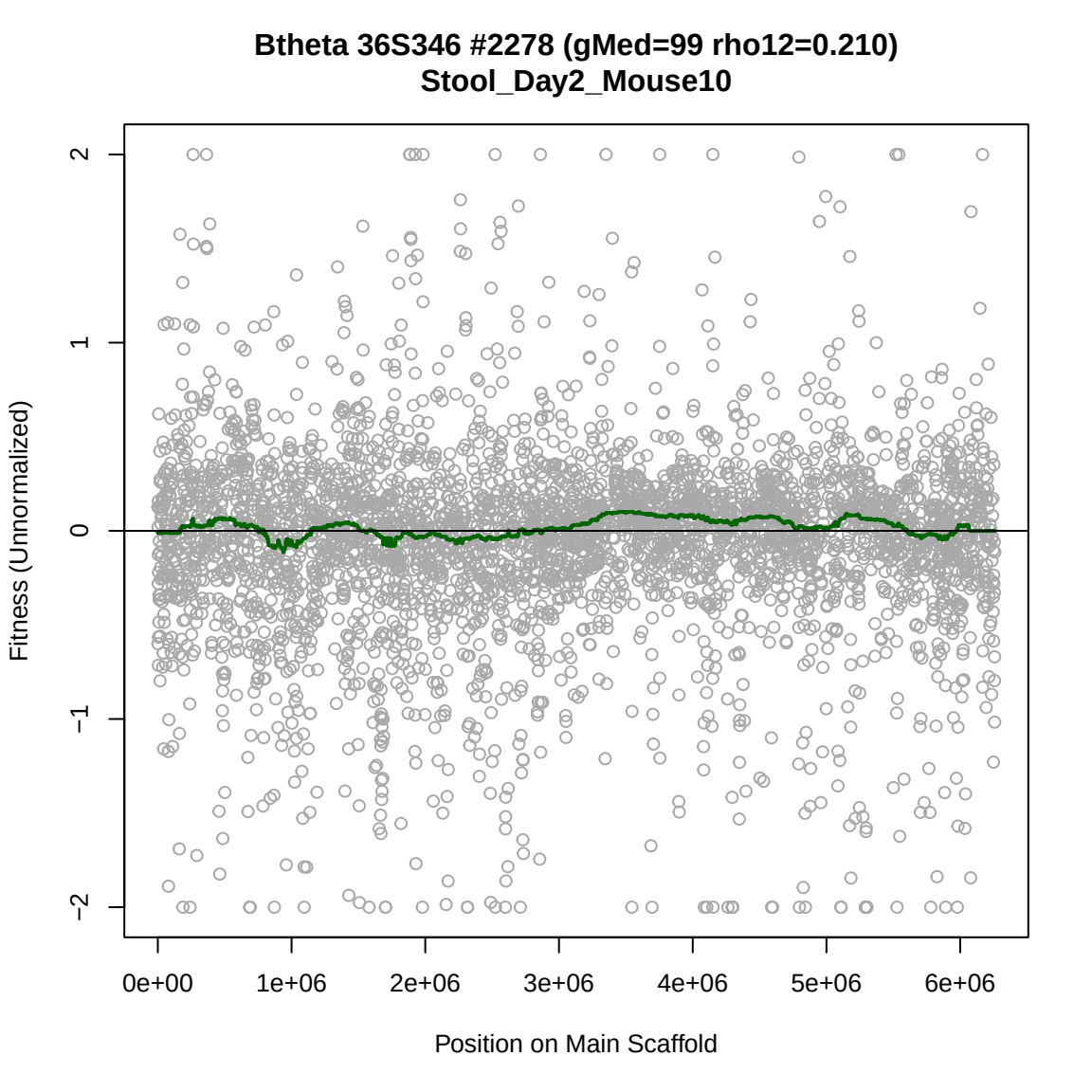

Btheta 36S341 #2273 (gMed=92 rho12=0.190)
Stool_Day2_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

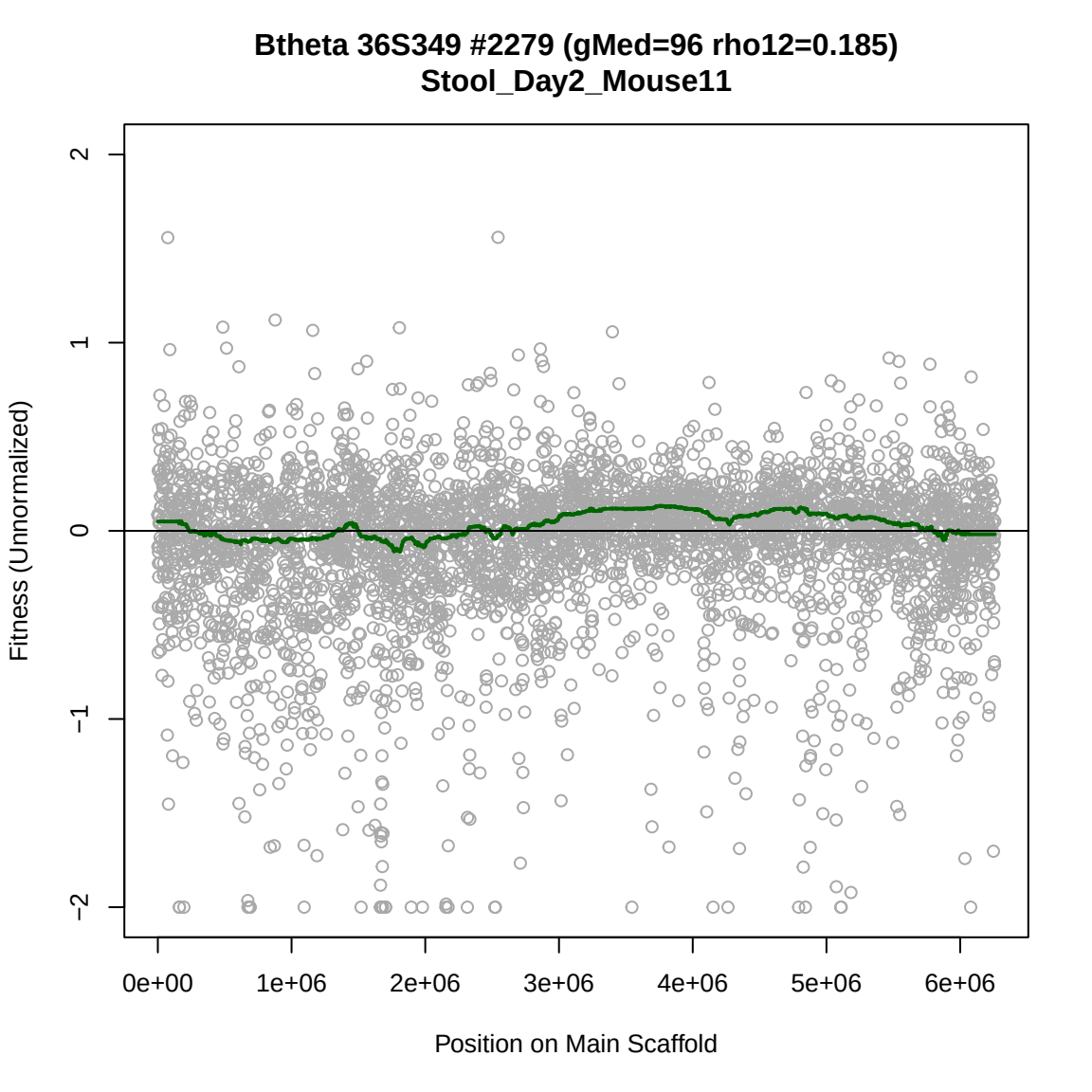

Btheta 36S342 #2274 (gMed=83 rho12=0.224)
Stool_Day2_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

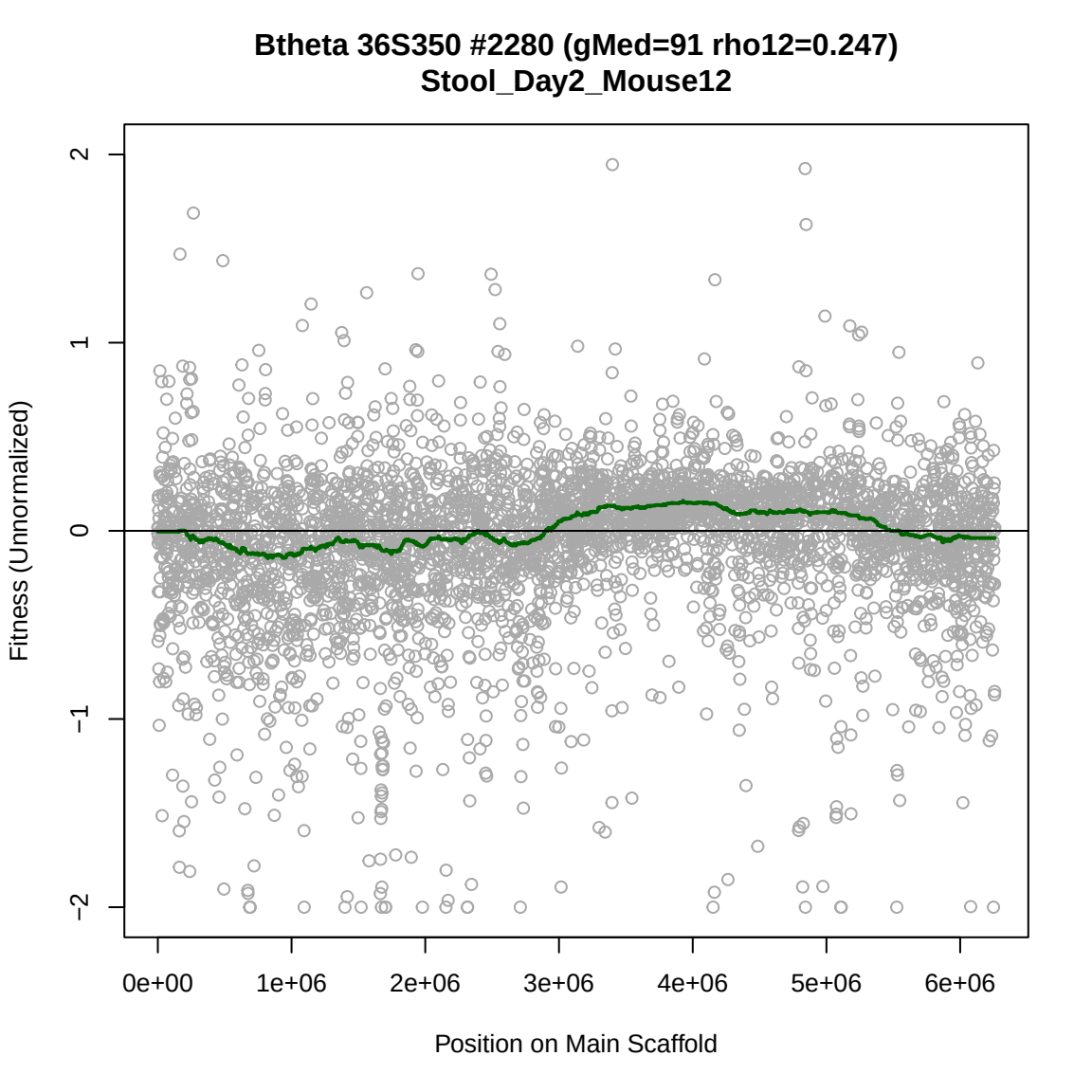

Btheta 36S343 #2275 (gMed=67 rho12=0.217)
Stool_Day2_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

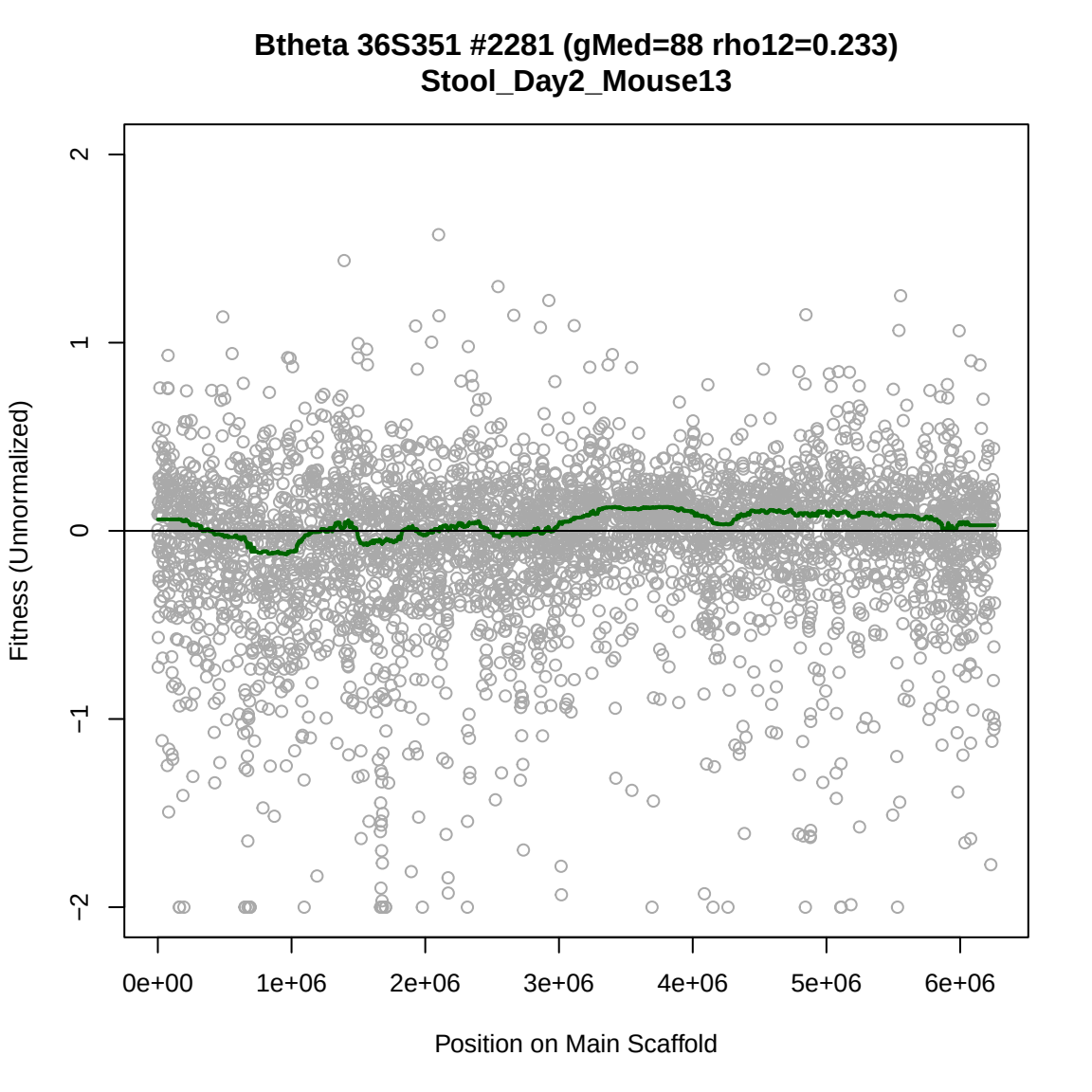

Btheta 36S344 #2276 (gMed=94 rho12=0.239)
Stool_Day2_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

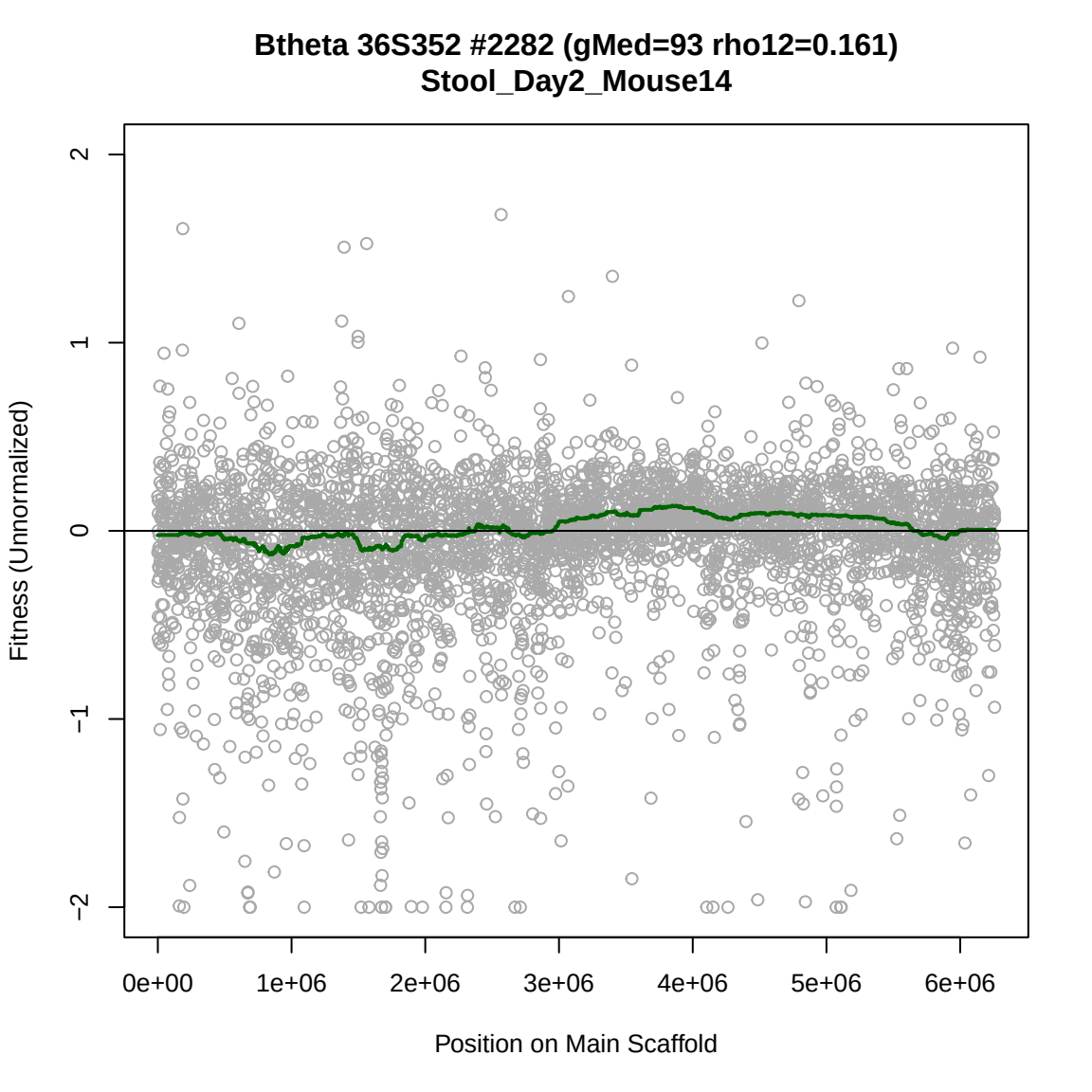

Btheta 36S345 #2277 (gMed=84 rho12=0.245)
Stool_Day2_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

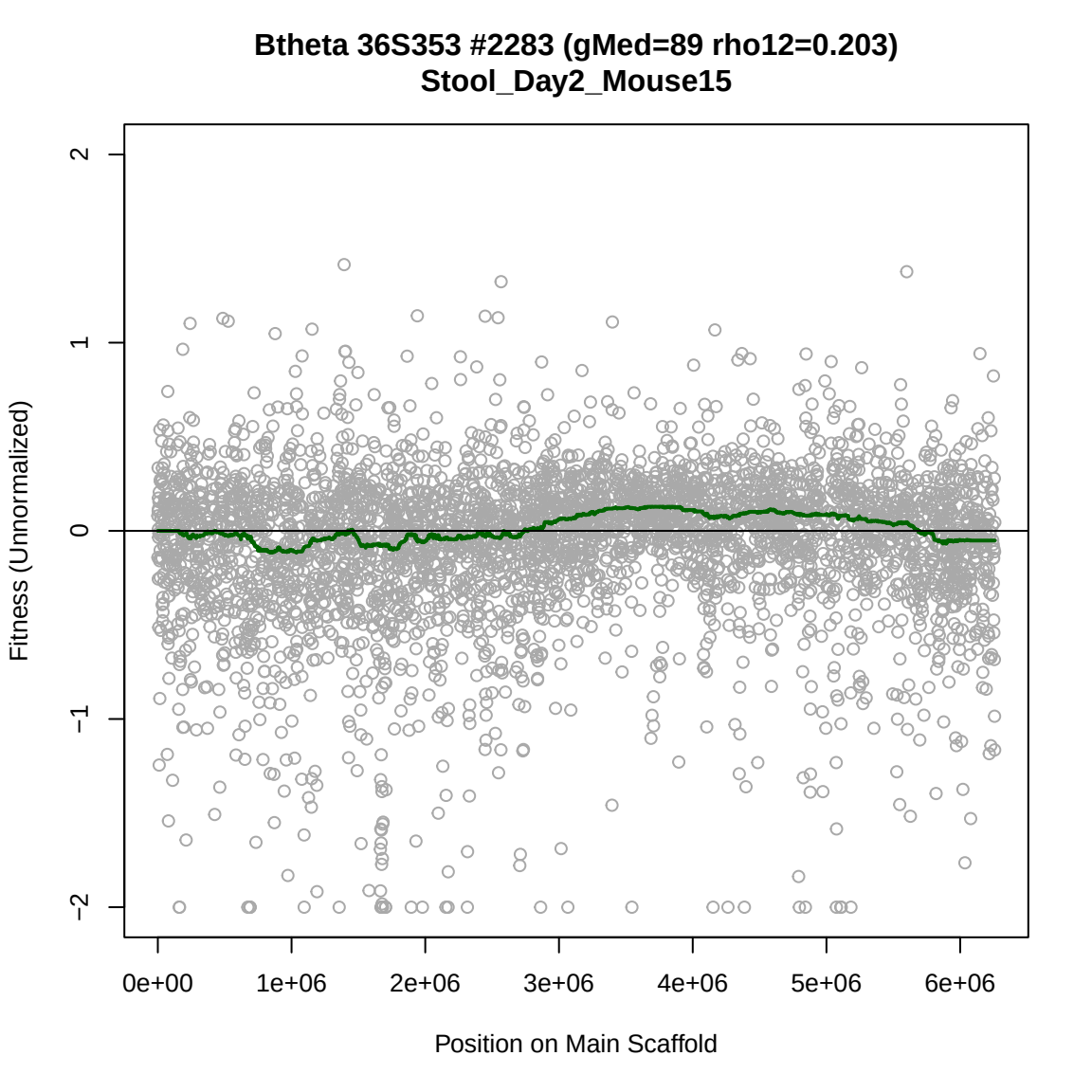

Btheta 36S346 #2278 (gMed=99 rho12=0.210)
Stool_Day2_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

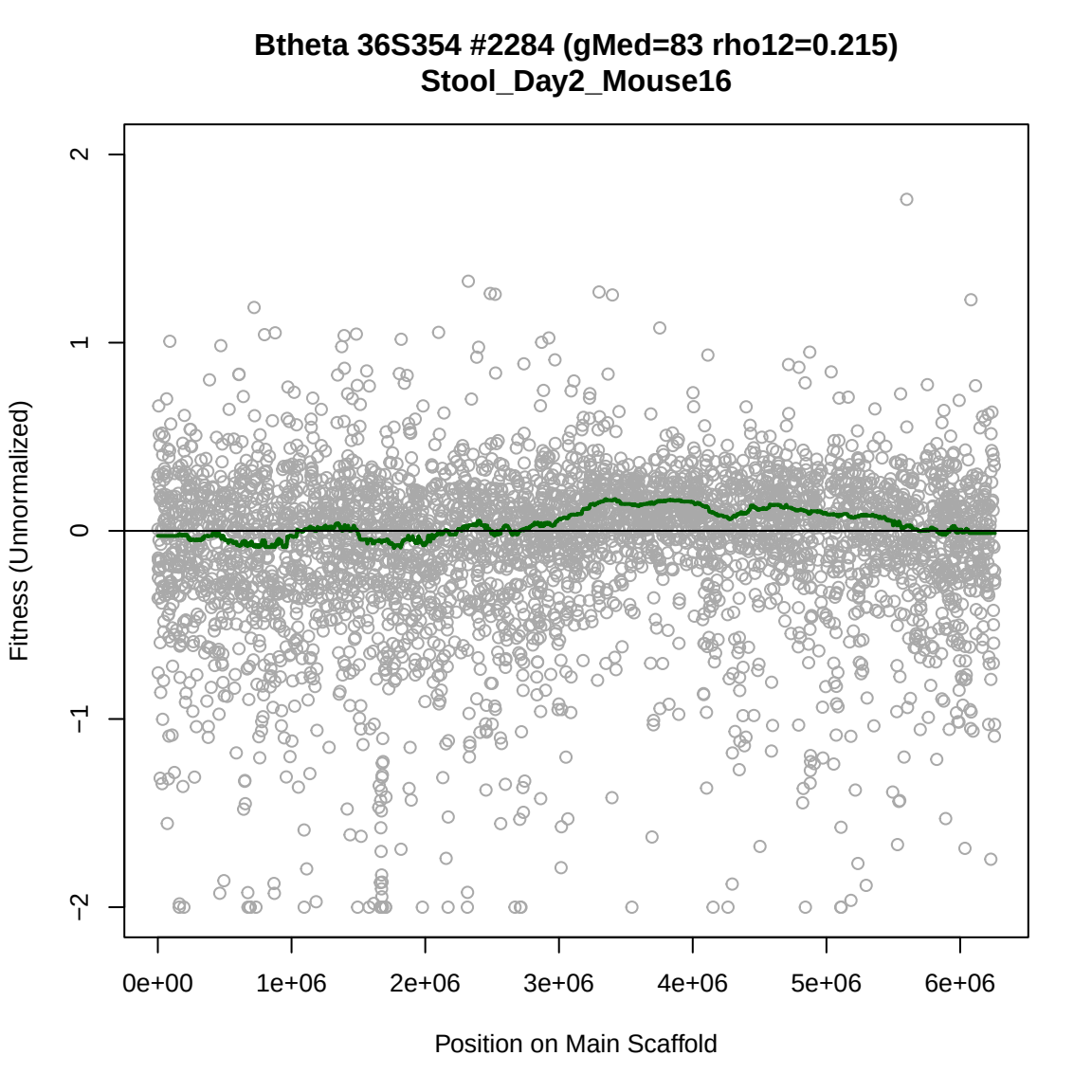

Btheta 36S349 #2279 (gMed=96 rho12=0.185)
Stool_Day2_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

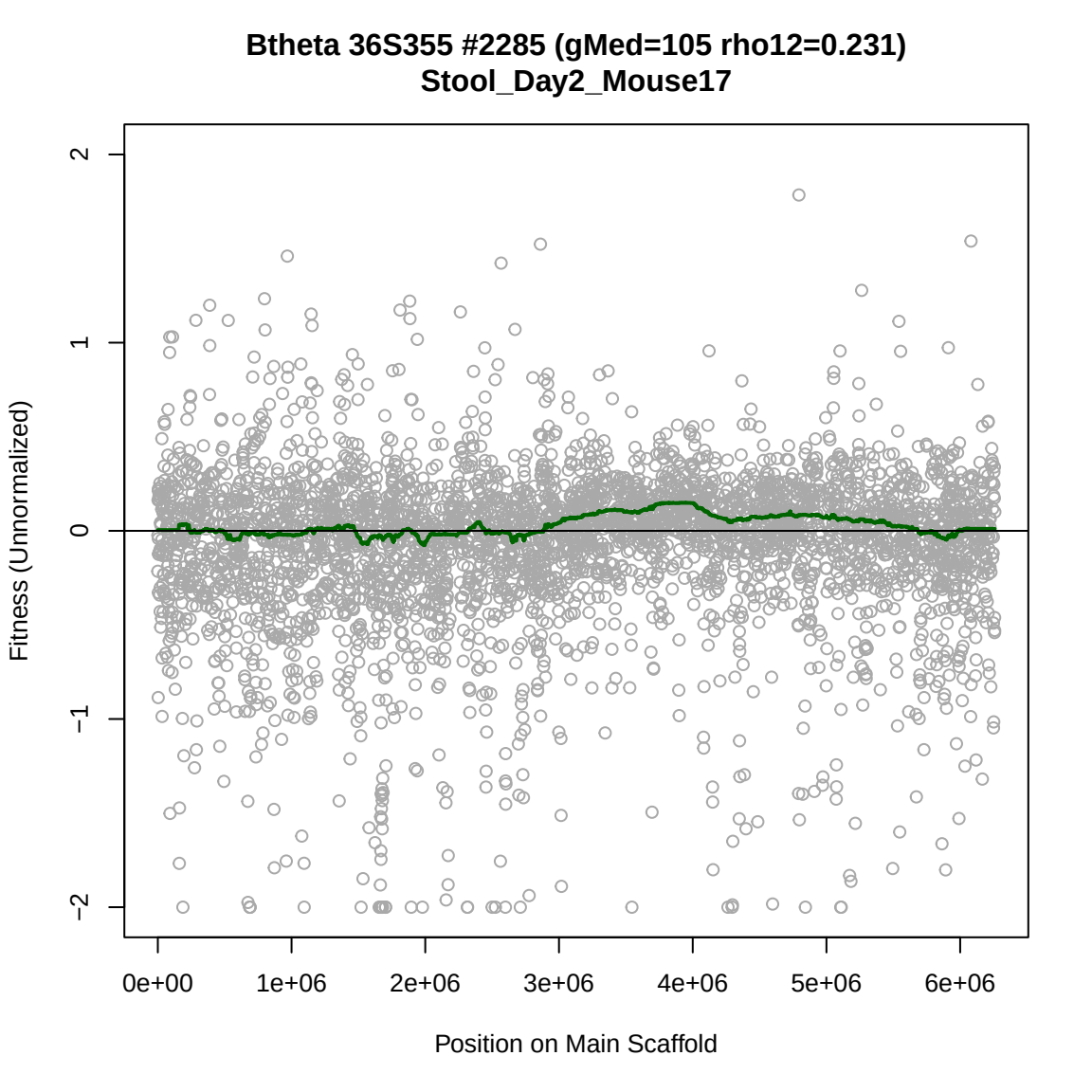

Btheta 36S350 #2280 (gMed=91 rho12=0.247)
Stool_Day2_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

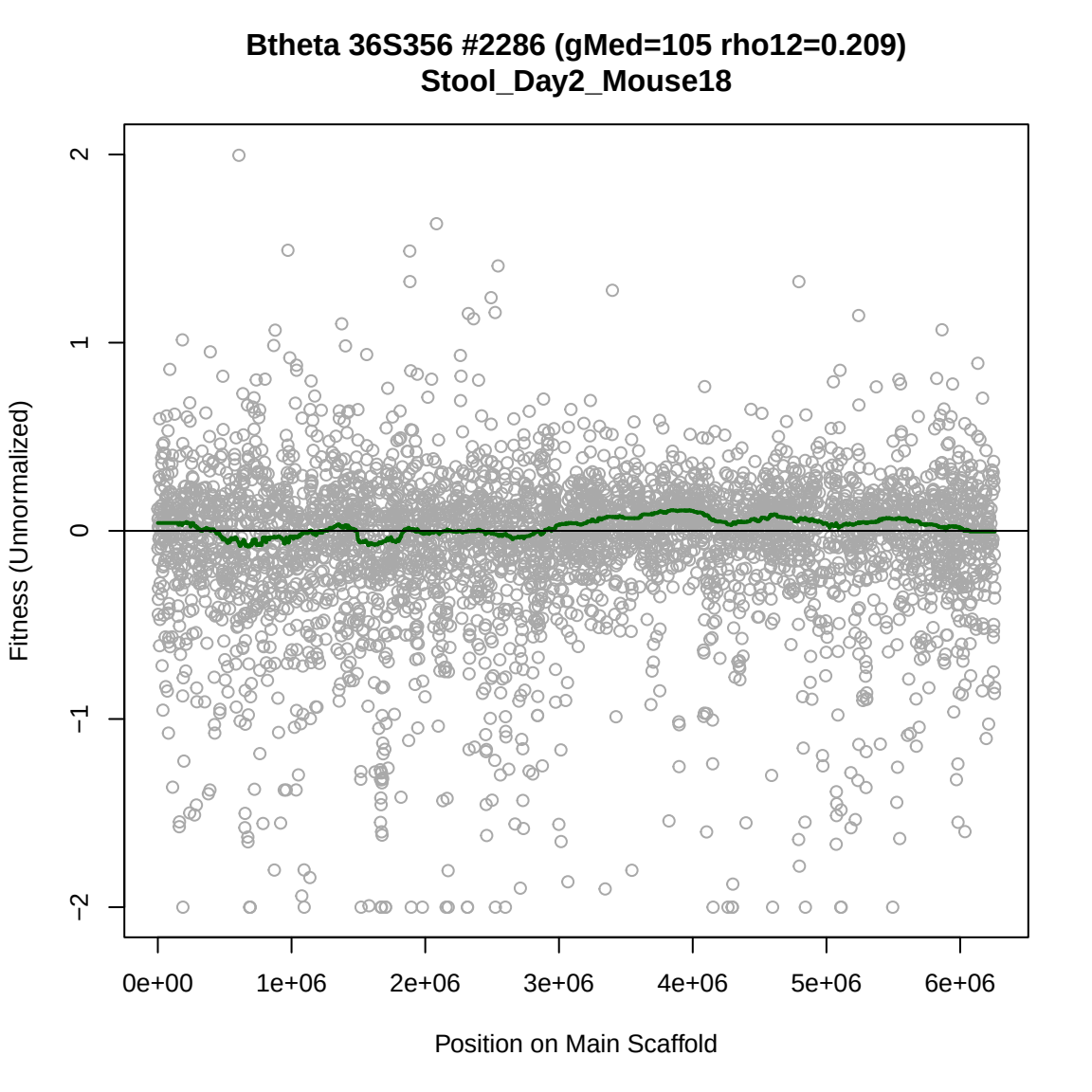

Btheta 36S351 #2281 (gMed=88 rho12=0.233)
Stool_Day2_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

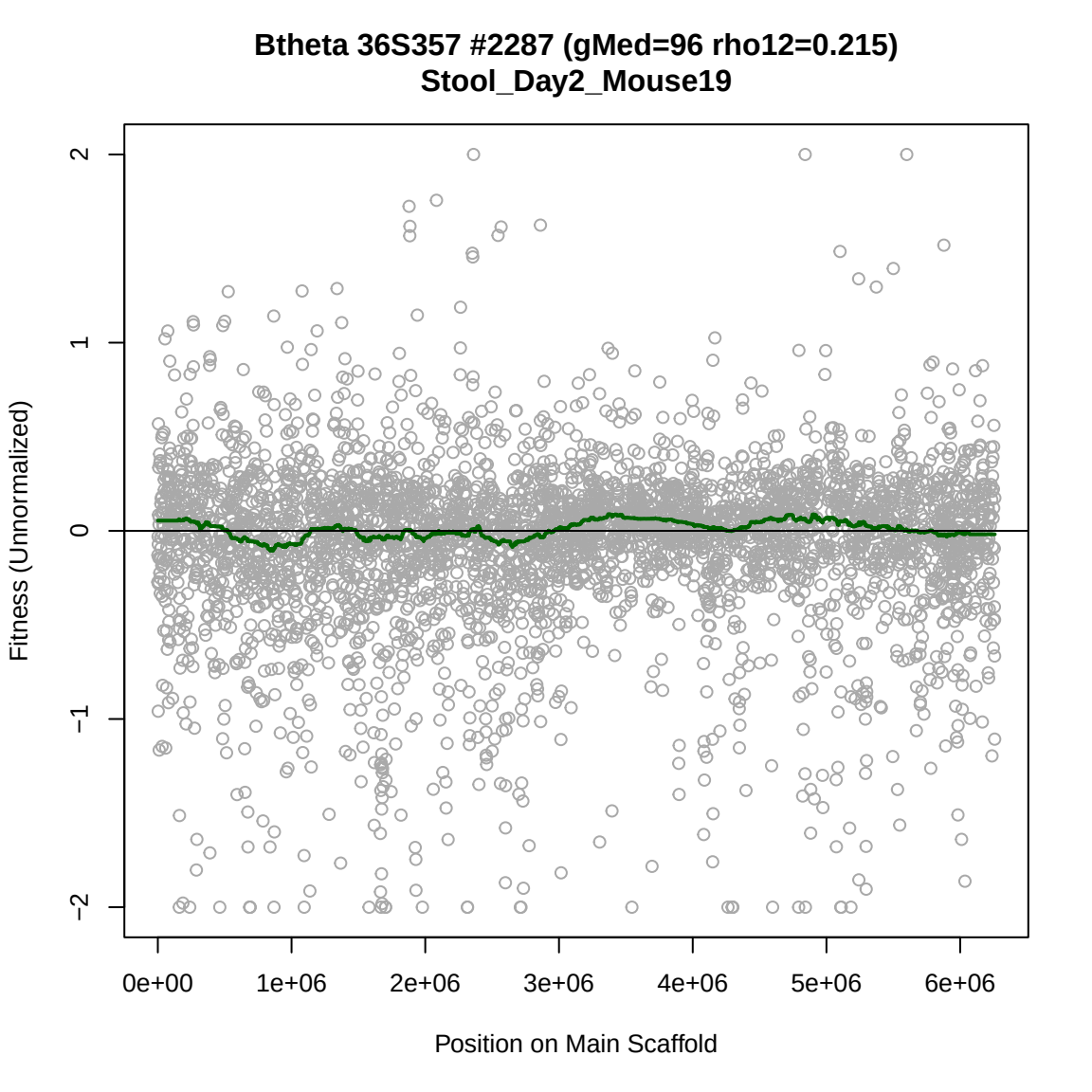

Btheta 36S352 #2282 (gMed=93 rho12=0.161)
Stool_Day2_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

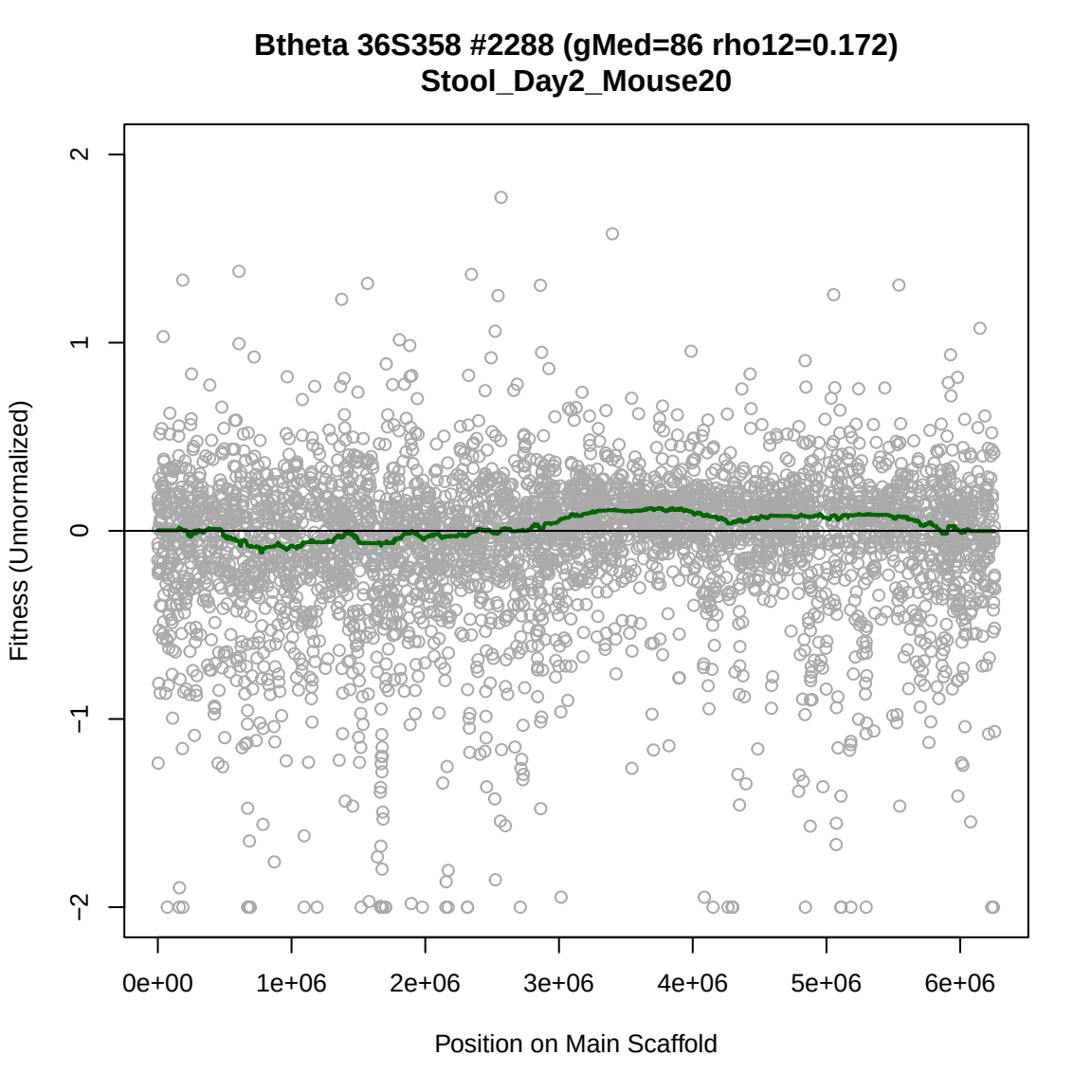

Btheta 36S353 #2283 (gMed=89 rho12=0.203)
Stool_Day2_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

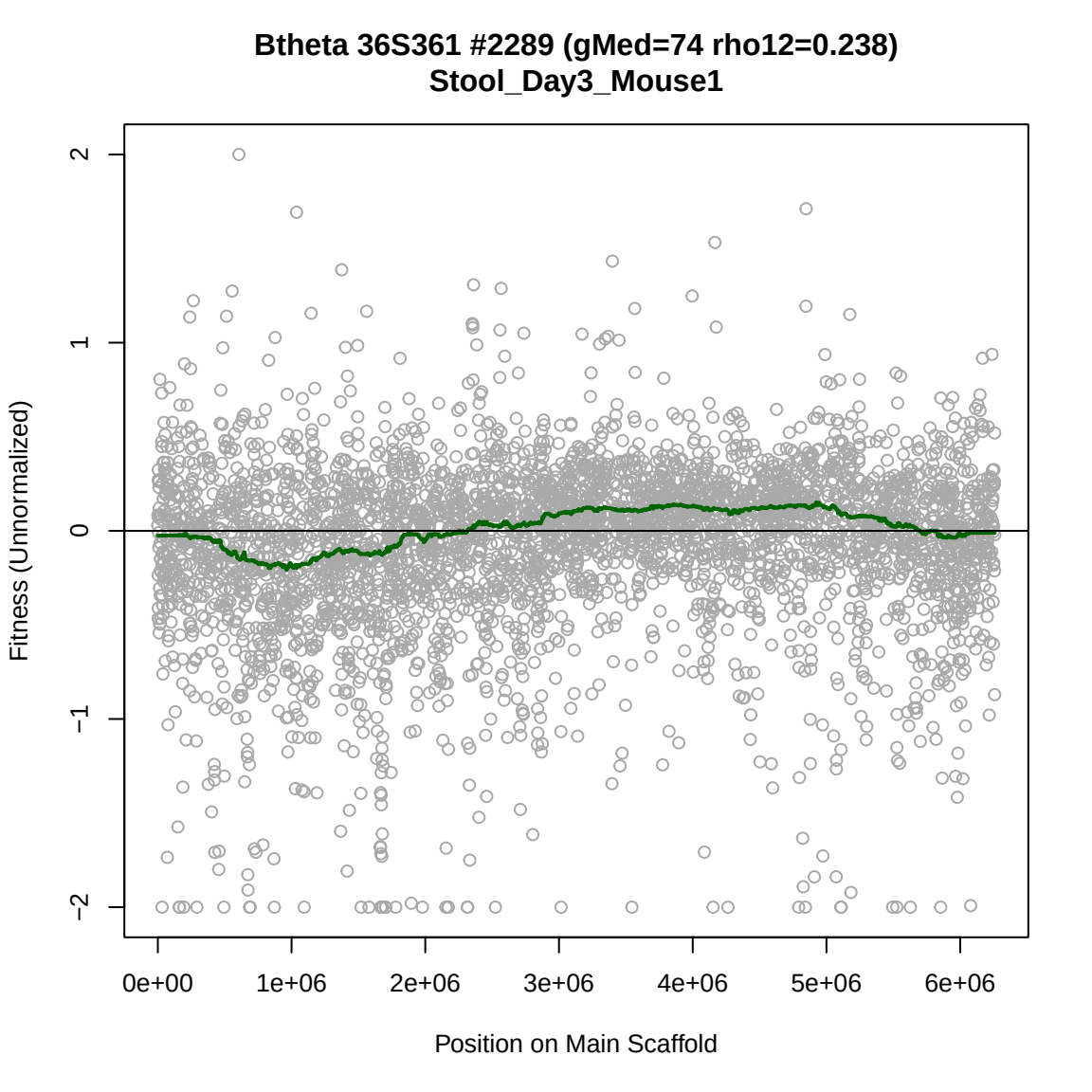

Btheta 36S354 #2284 (gMed=83 rho12=0.215)
Stool_Day2_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

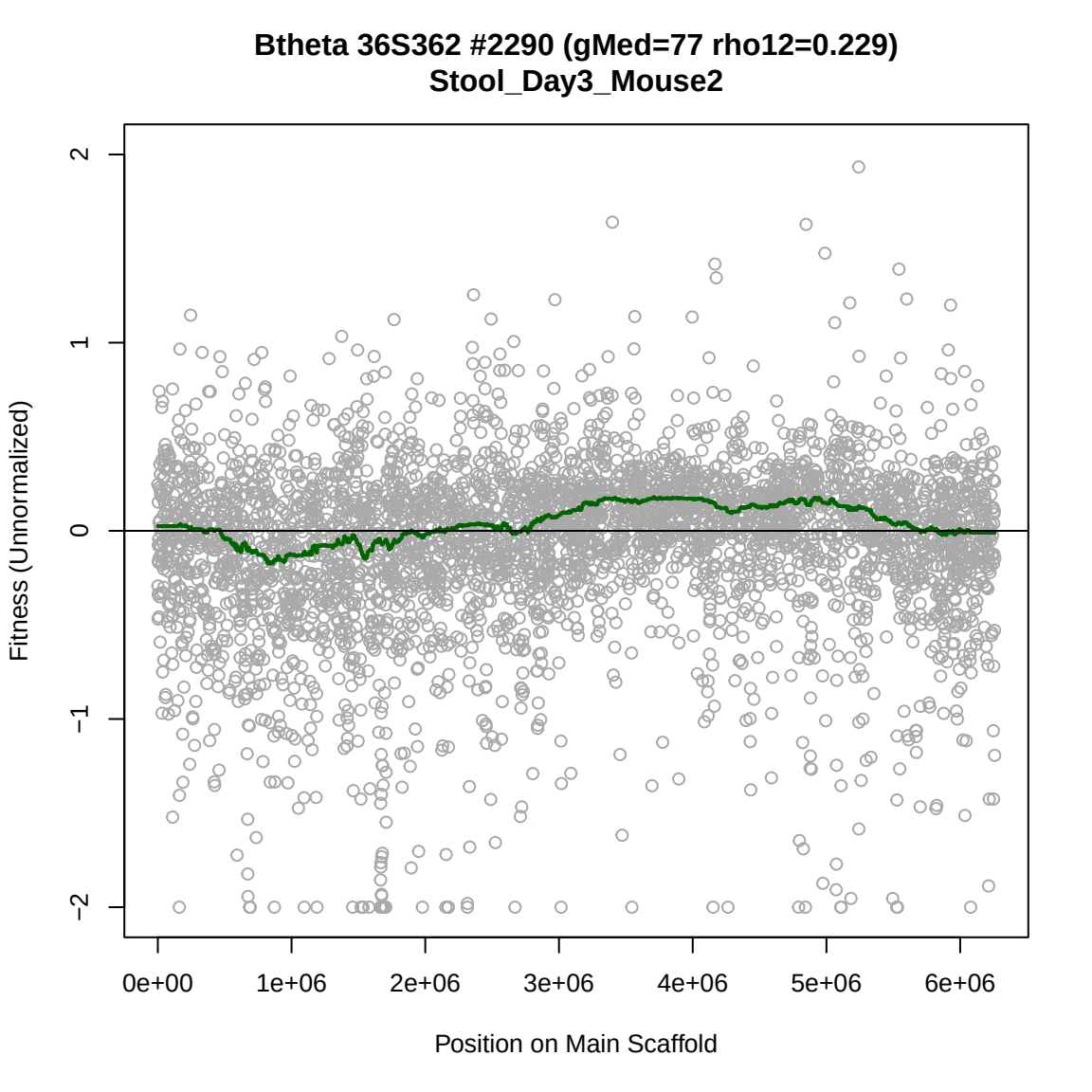

Btheta 36S355 #2285 (gMed=105 rho12=0.231)
Stool_Day2_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

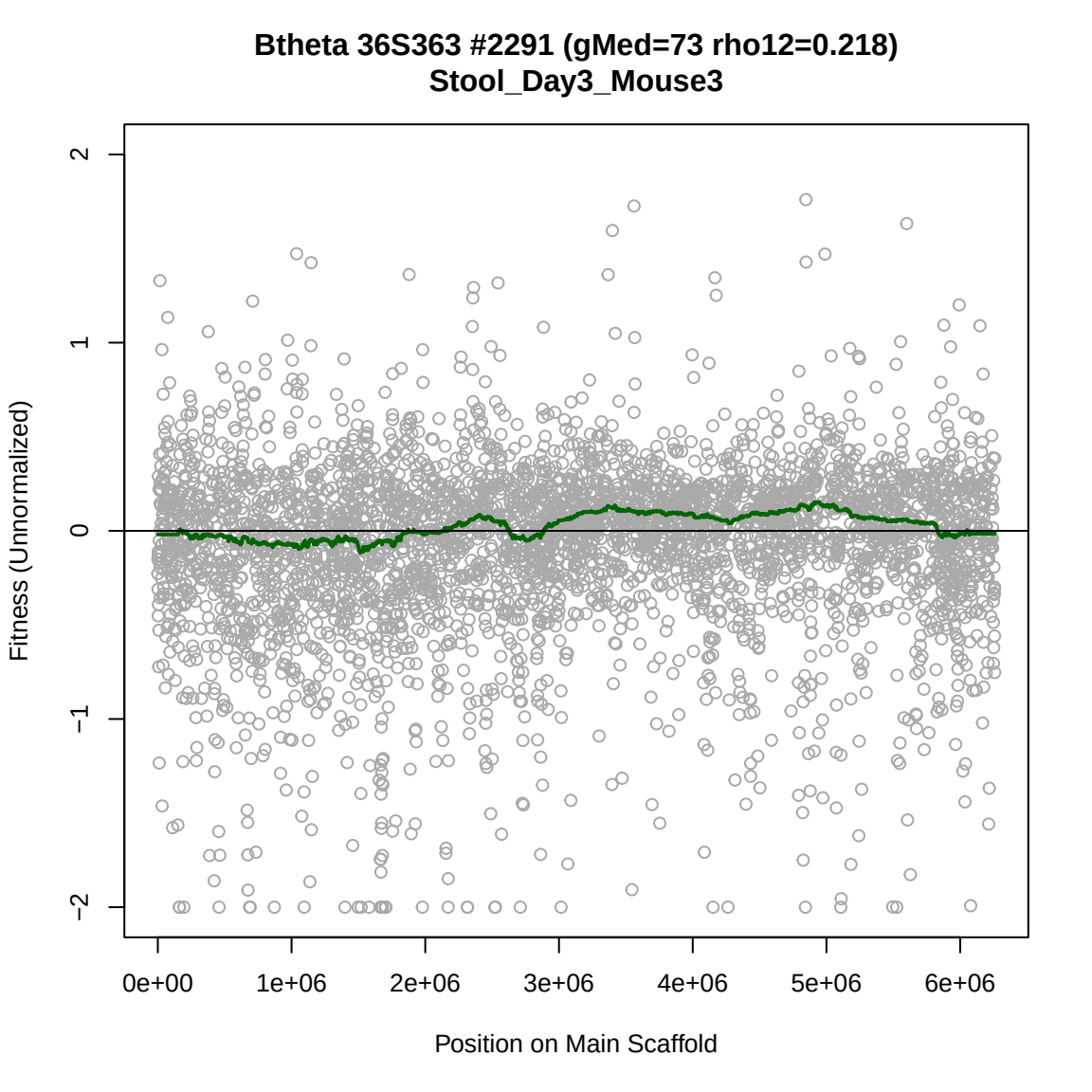

Btheta 36S356 #2286 (gMed=105 rho12=0.209)
Stool_Day2_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

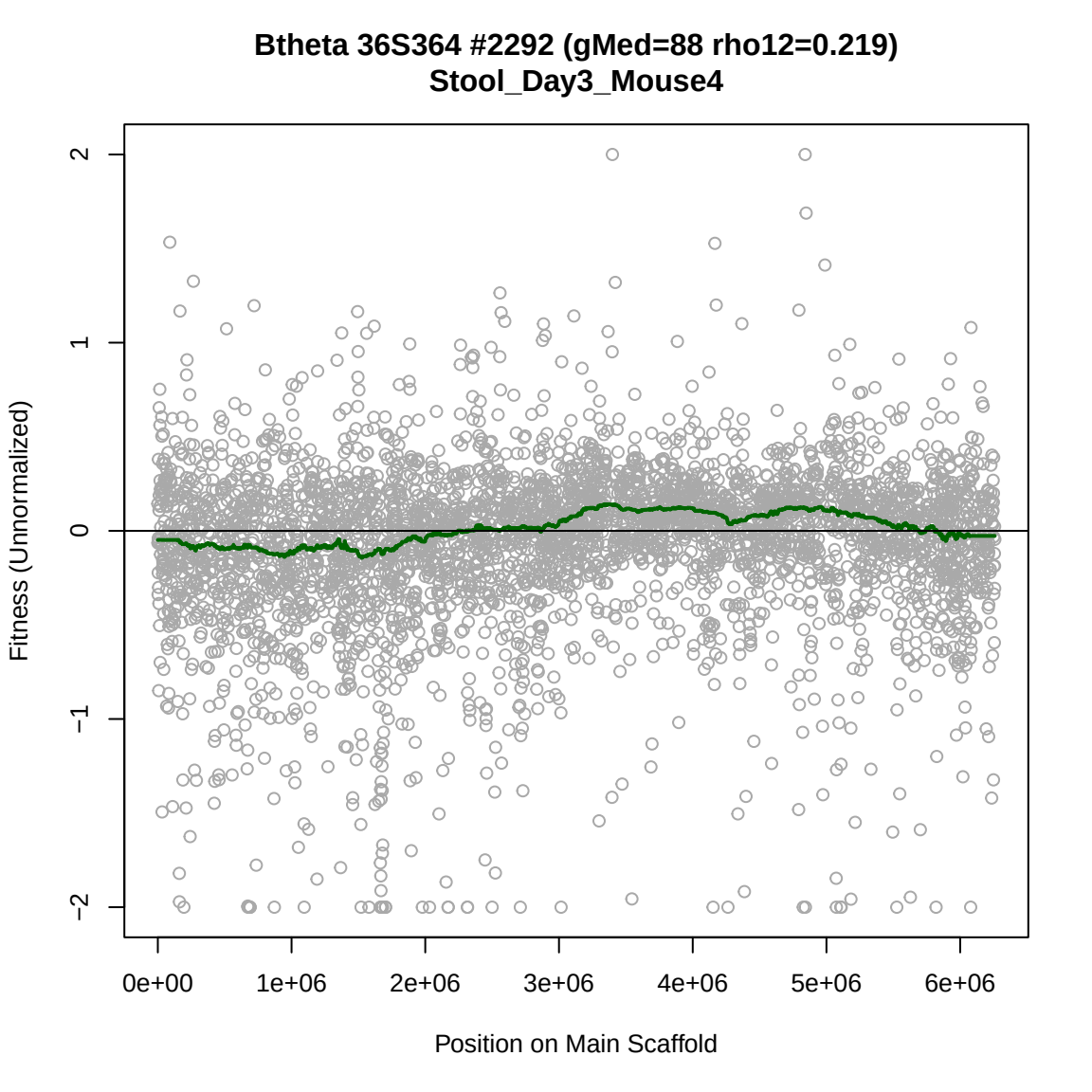

Btheta 36S357 #2287 (gMed=96 rho12=0.215)
Stool_Day2_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

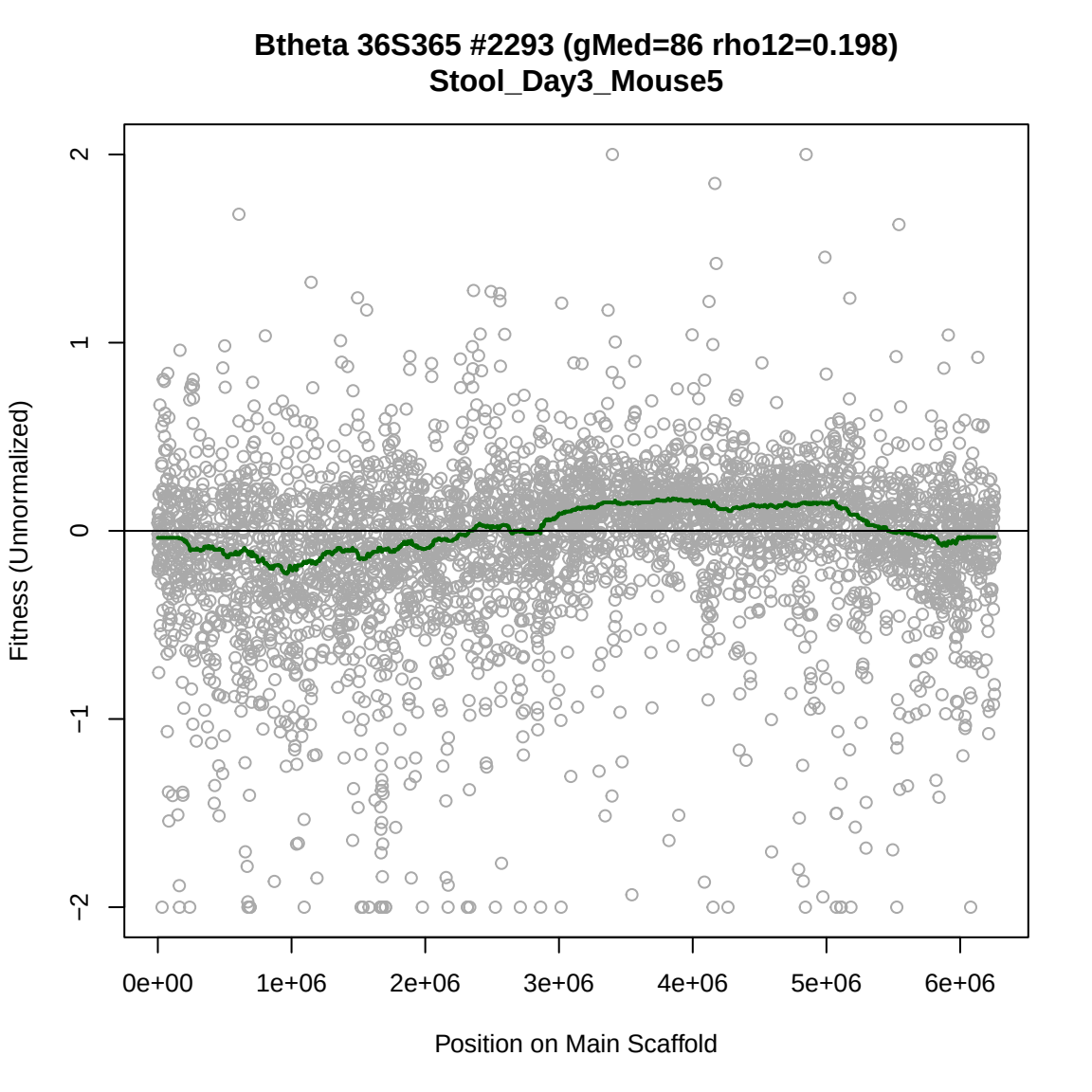

Btheta 36S358 #2288 (gMed=86 rho12=0.172)
Stool_Day2_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

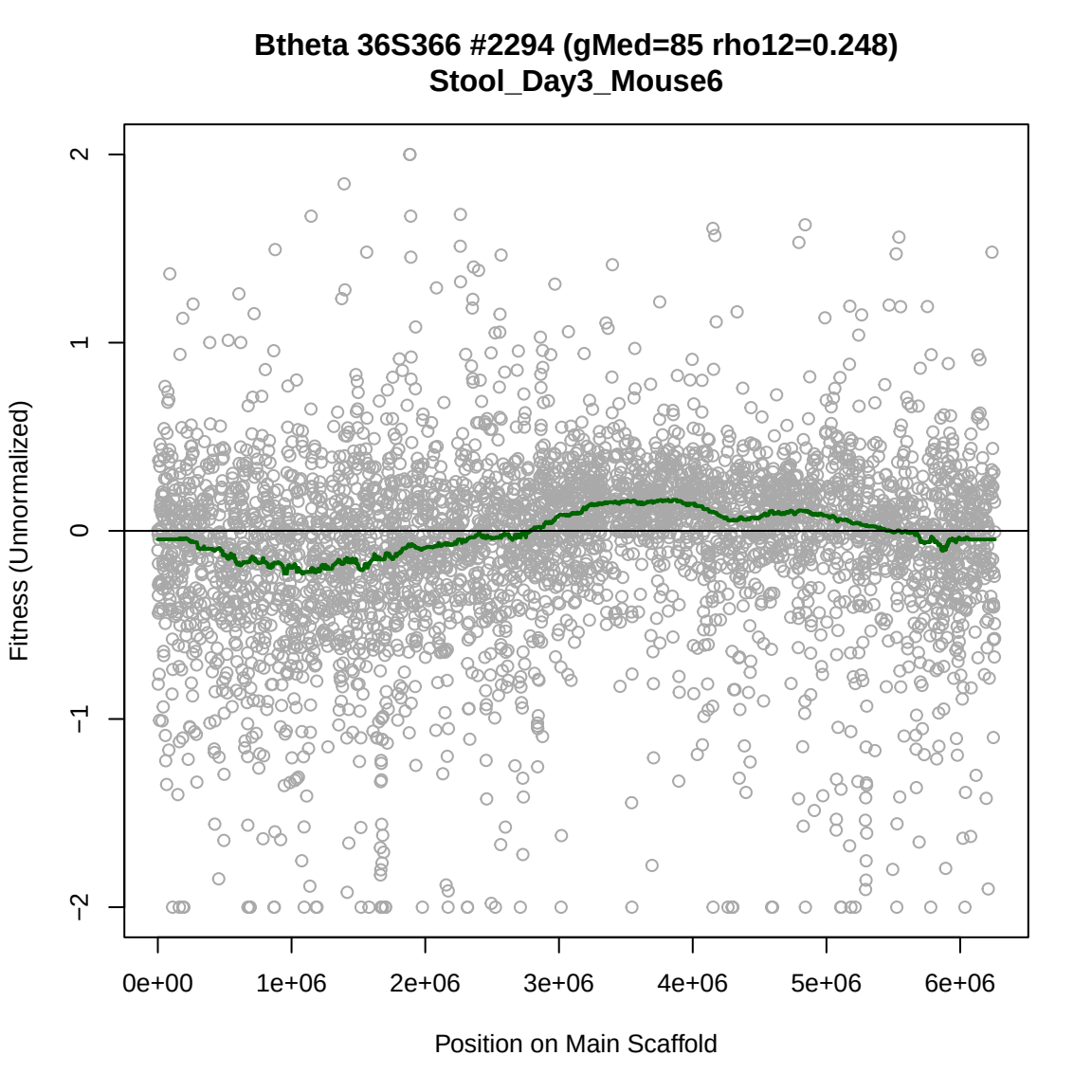

Btheta 36S361 #2289 (gMed=74 rho12=0.238)
Stool_Day3_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

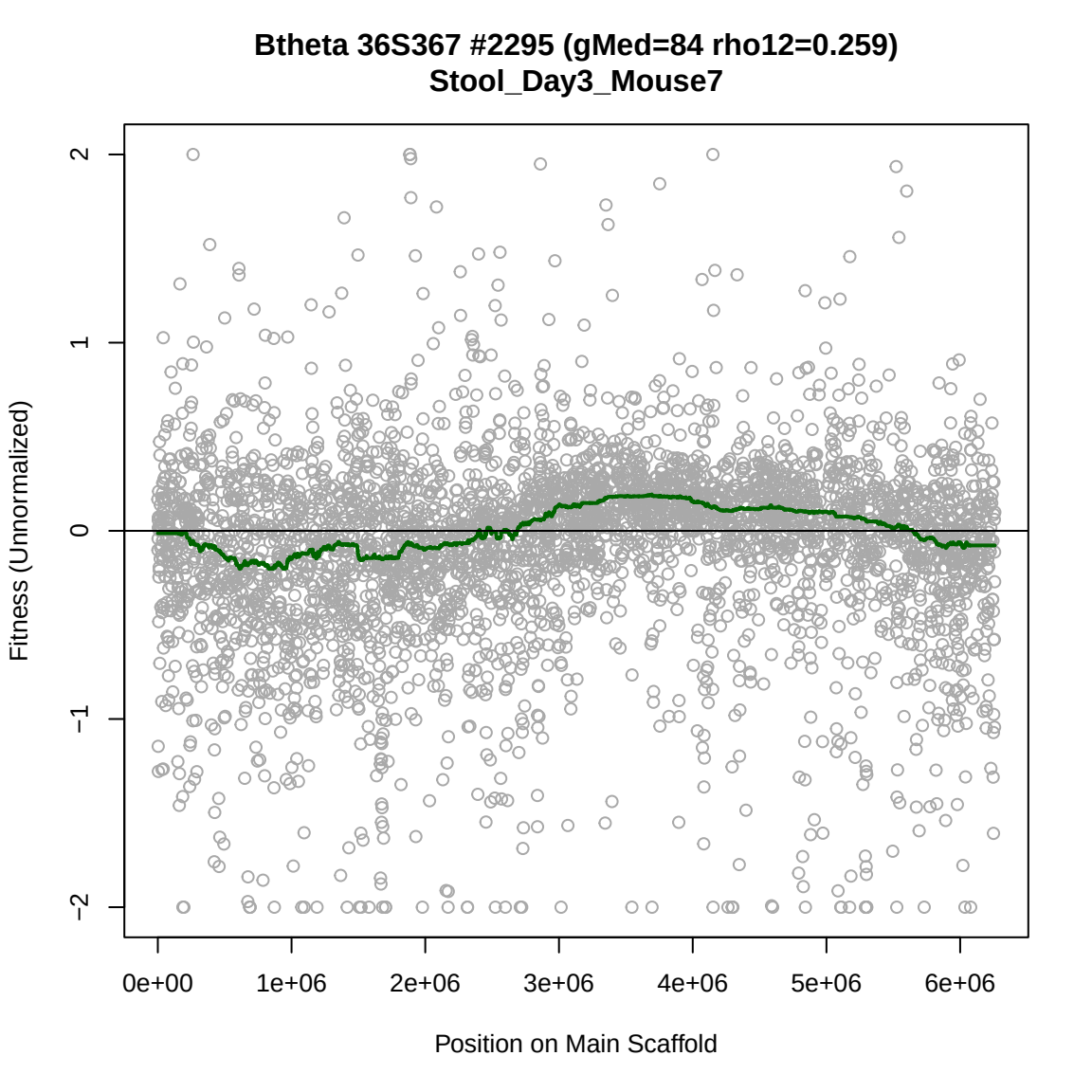

Btheta 36S362 #2290 (gMed=77 rho12=0.229)
Stool_Day3_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

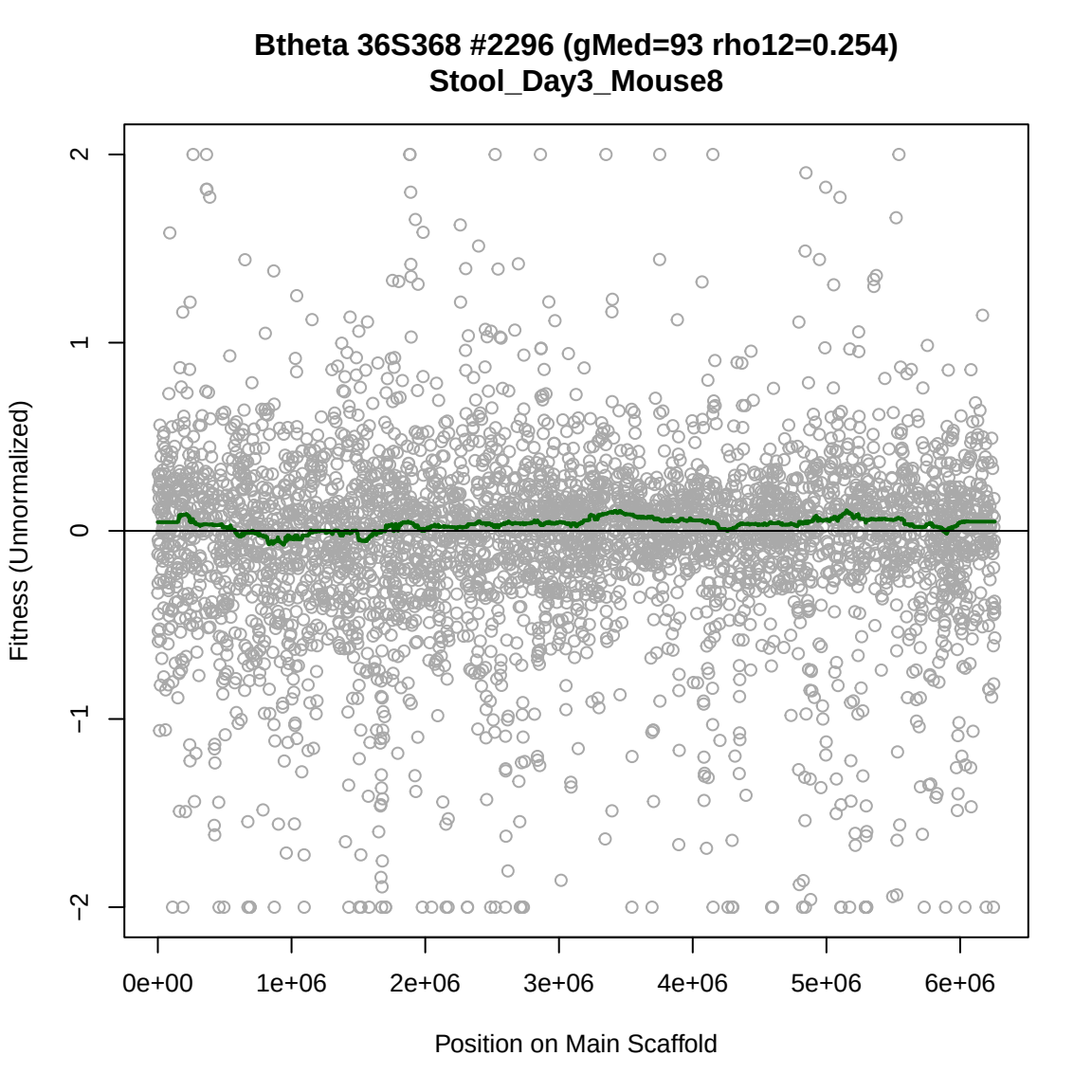

Btheta 36S363 #2291 (gMed=73 rho12=0.218)
Stool_Day3_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

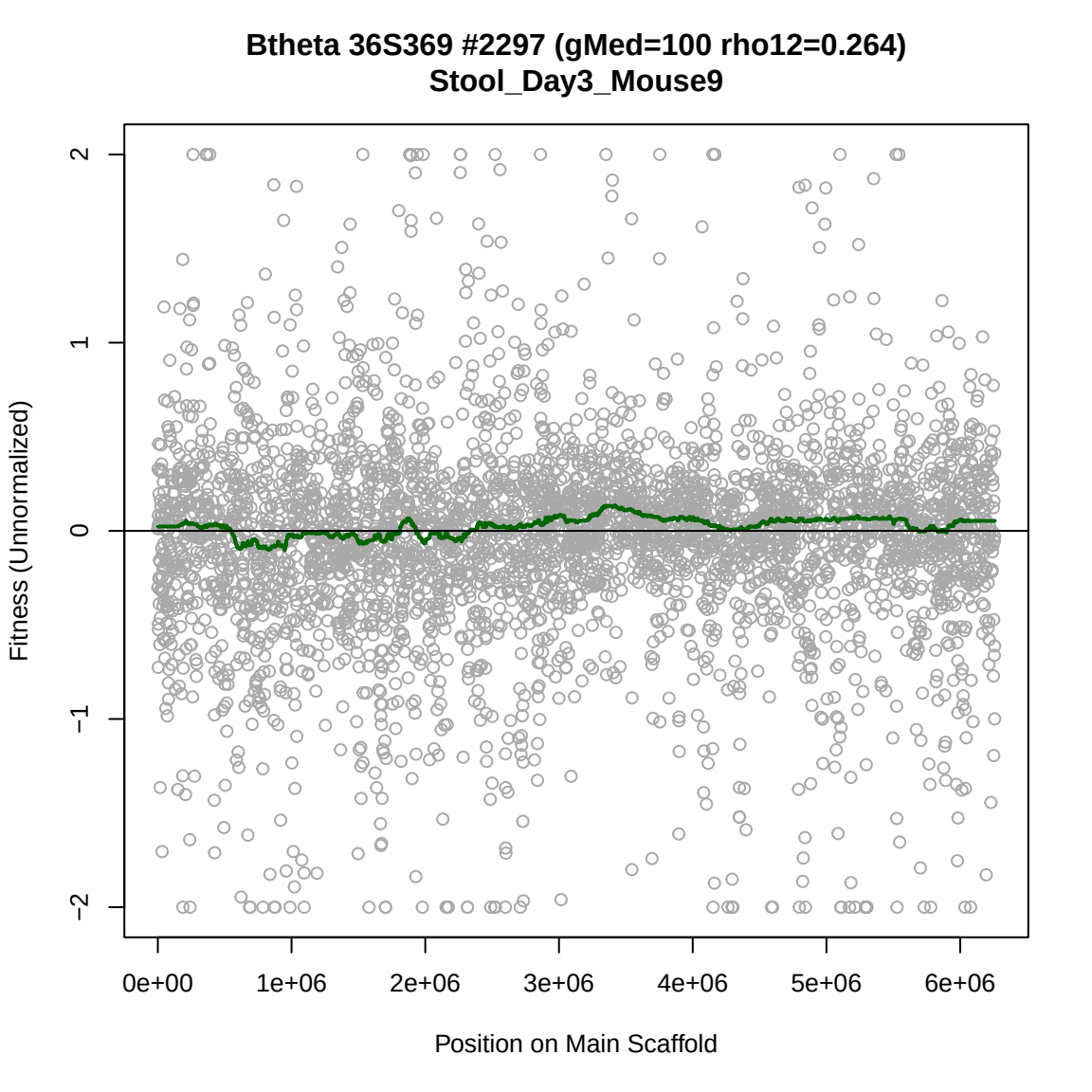

Btheta 36S364 #2292 (gMed=88 rho12=0.219)
Stool_Day3_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

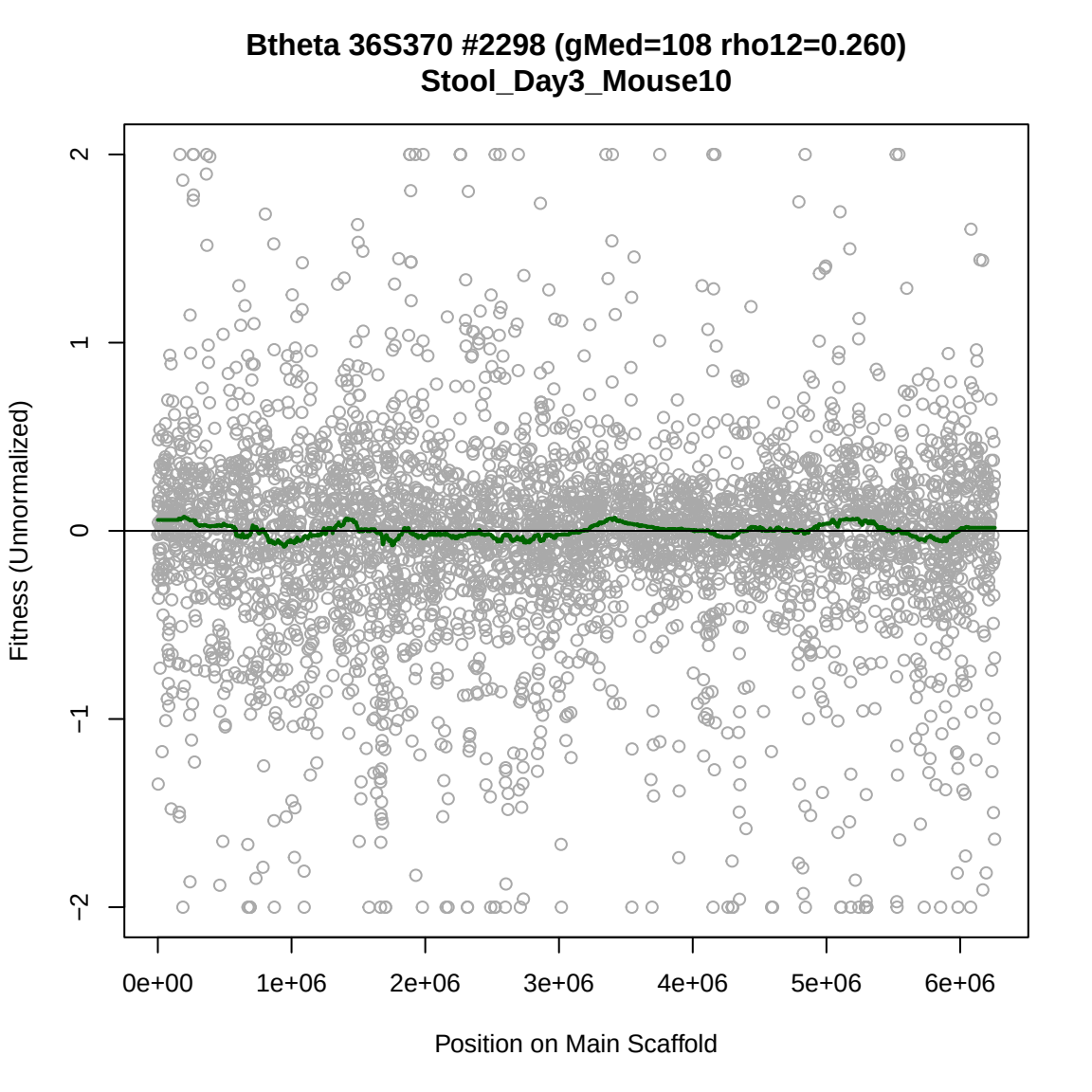

Btheta 36S365 #2293 (gMed=86 rho12=0.198)
Stool_Day3_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

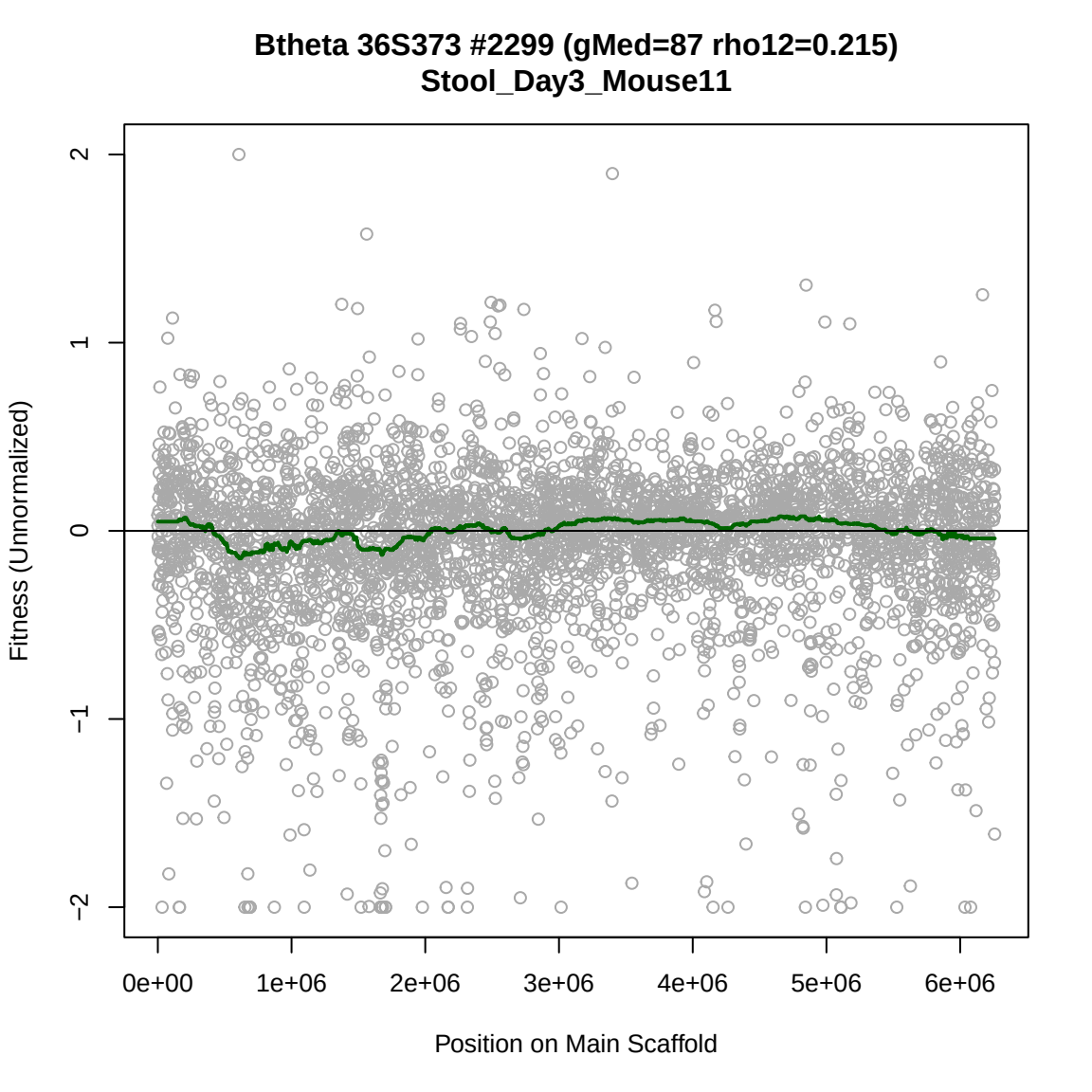

Btheta 36S366 #2294 (gMed=85 rho12=0.248)
Stool_Day3_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

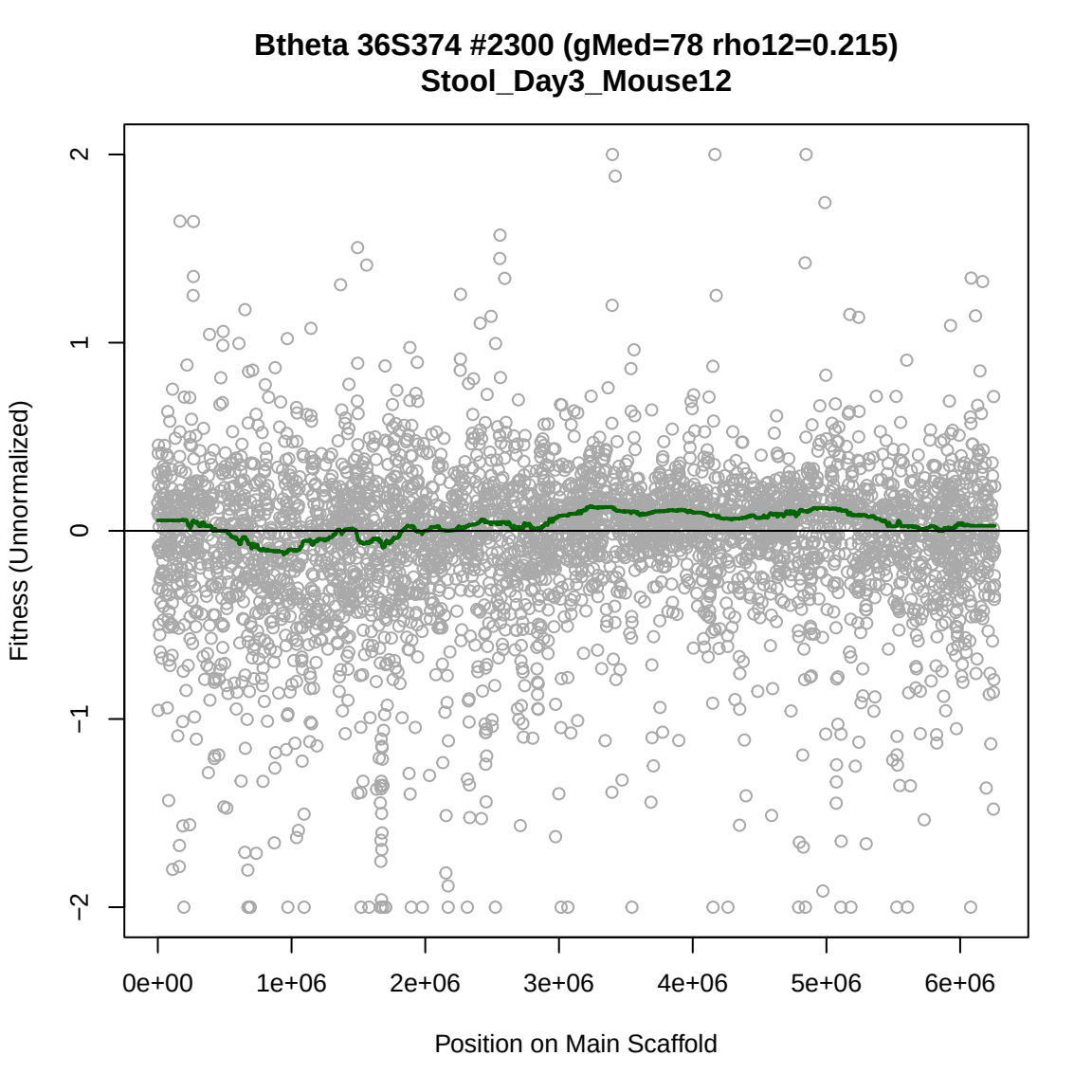

Btheta 36S367 #2295 (gMed=84 rho12=0.259)
Stool_Day3_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

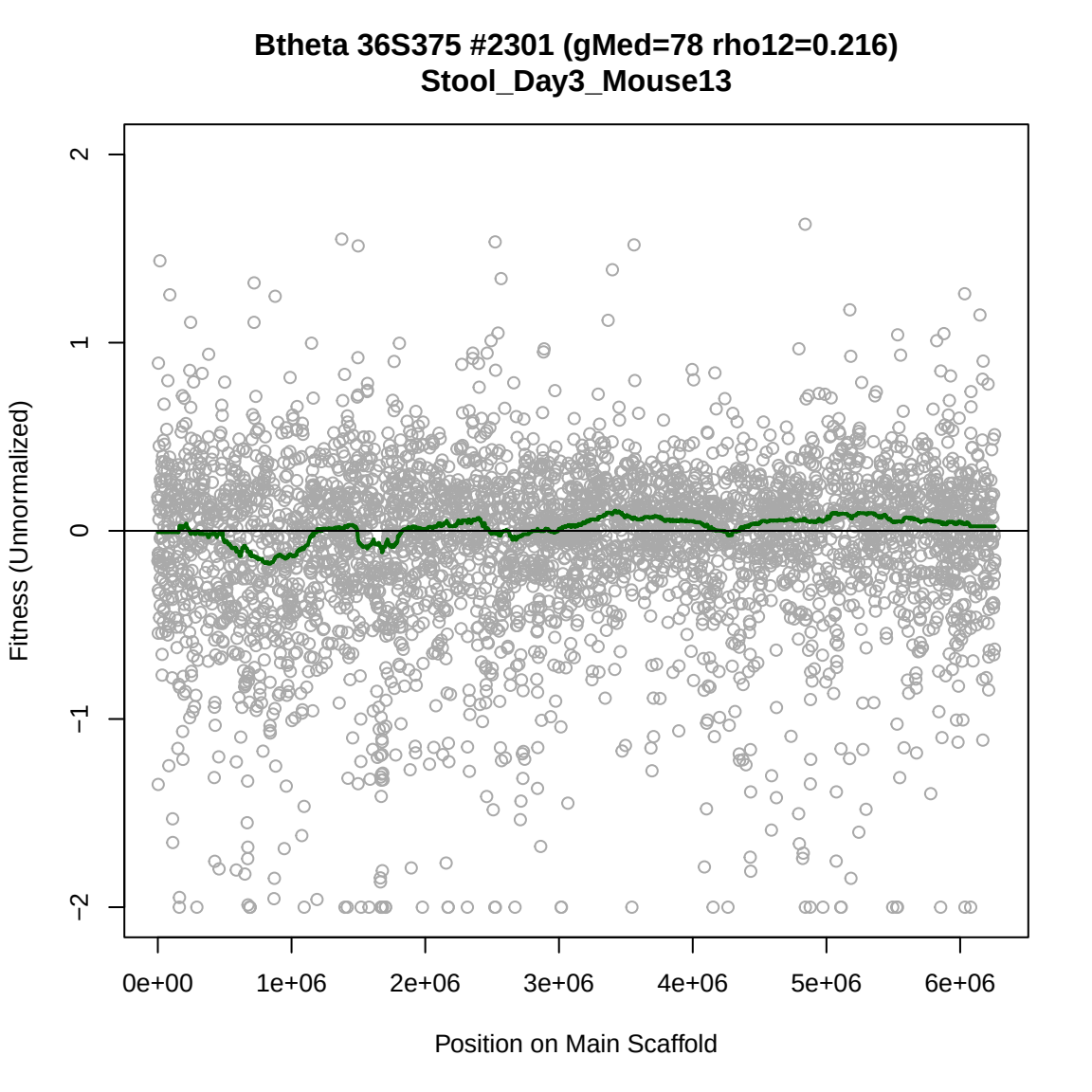

Btheta 36S368 #2296 (gMed=93 rho12=0.254)
Stool_Day3_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

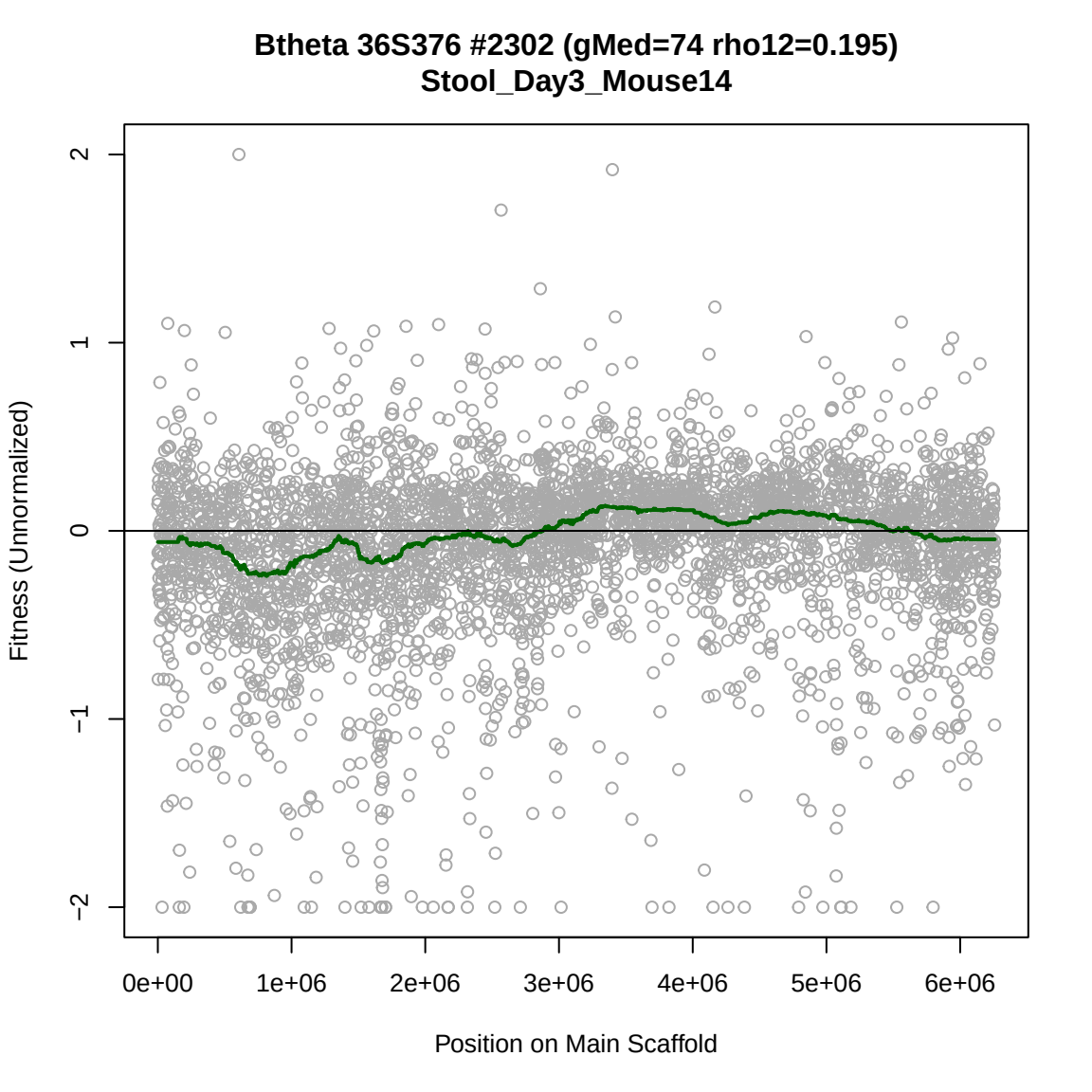

Btheta 36S369 #2297 (gMed=100 rho12=0.264)
Stool_Day3_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

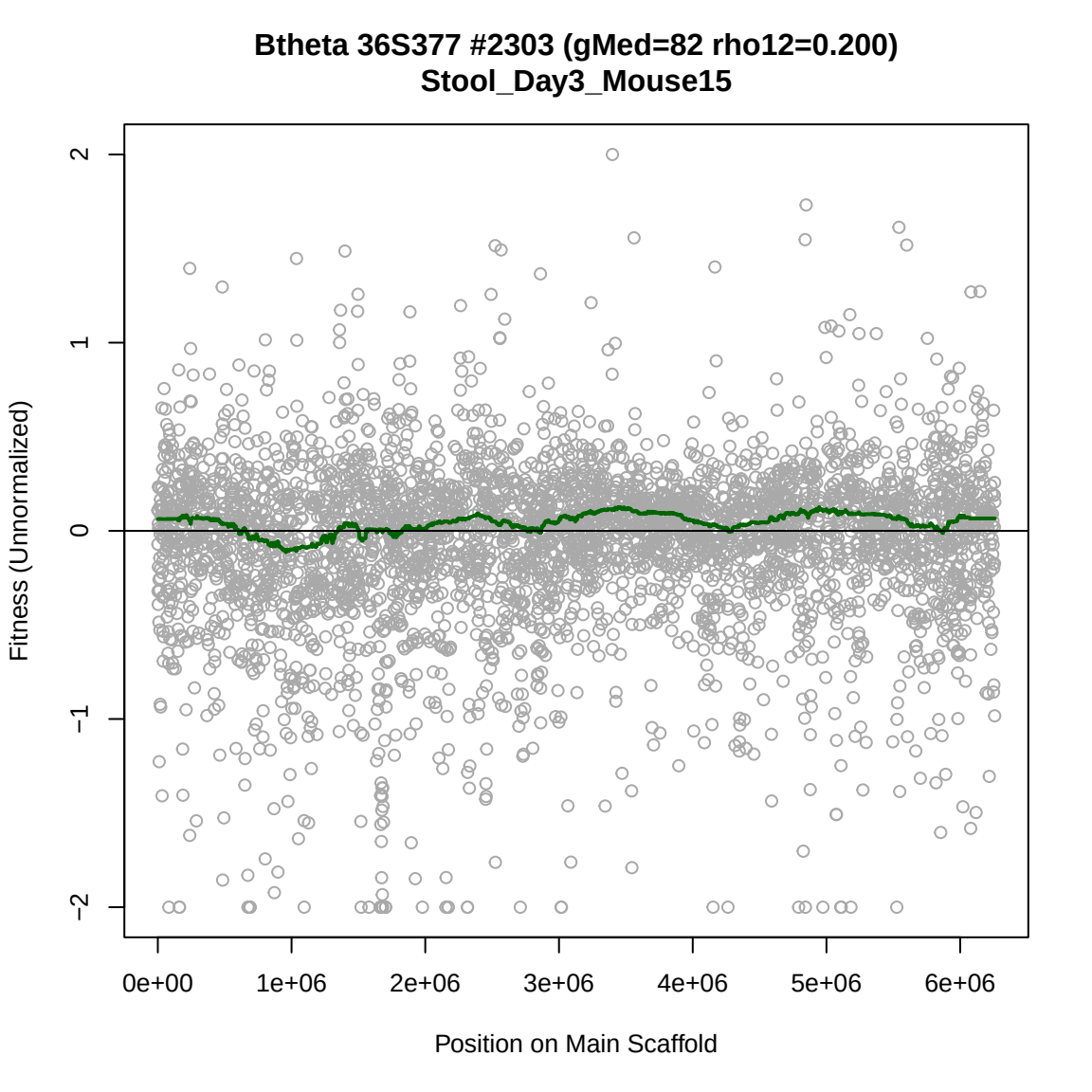

Btheta 36S370 #2298 (gMed=108 rho12=0.260)
Stool_Day3_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

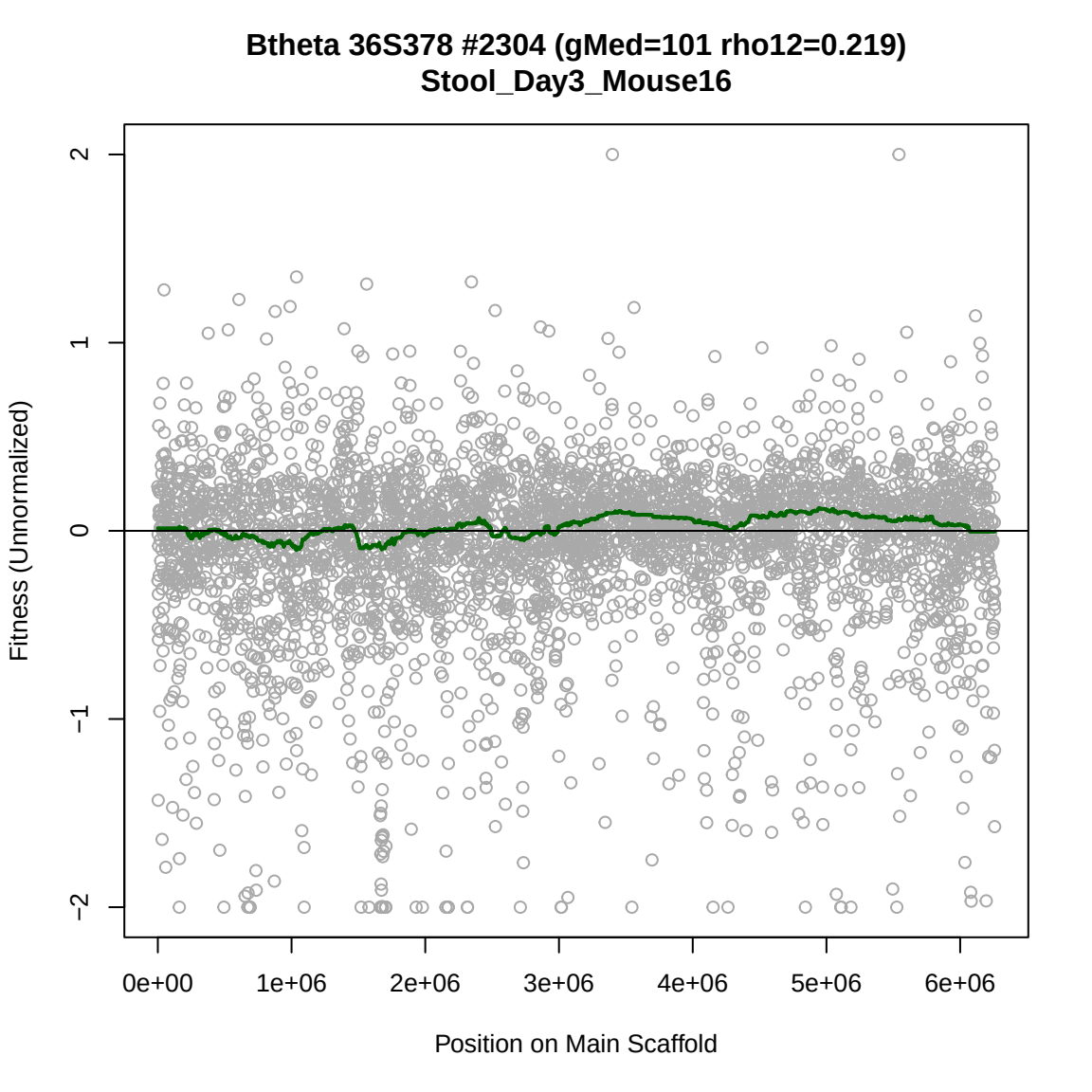

Btheta 36S373 #2299 (gMed=87 rho12=0.215)
Stool_Day3_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

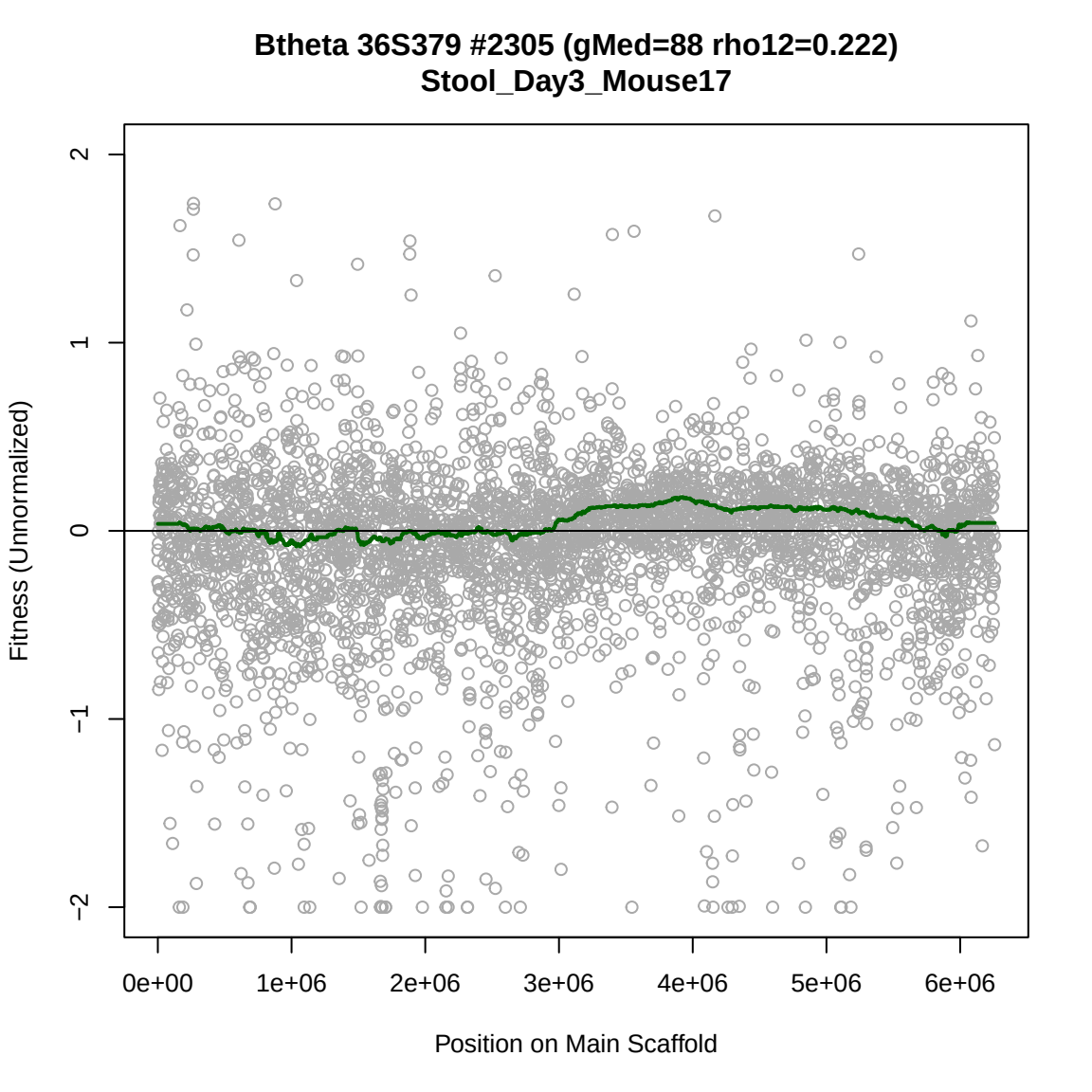

Btheta 36S374 #2300 (gMed=78 rho12=0.215)
Stool_Day3_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

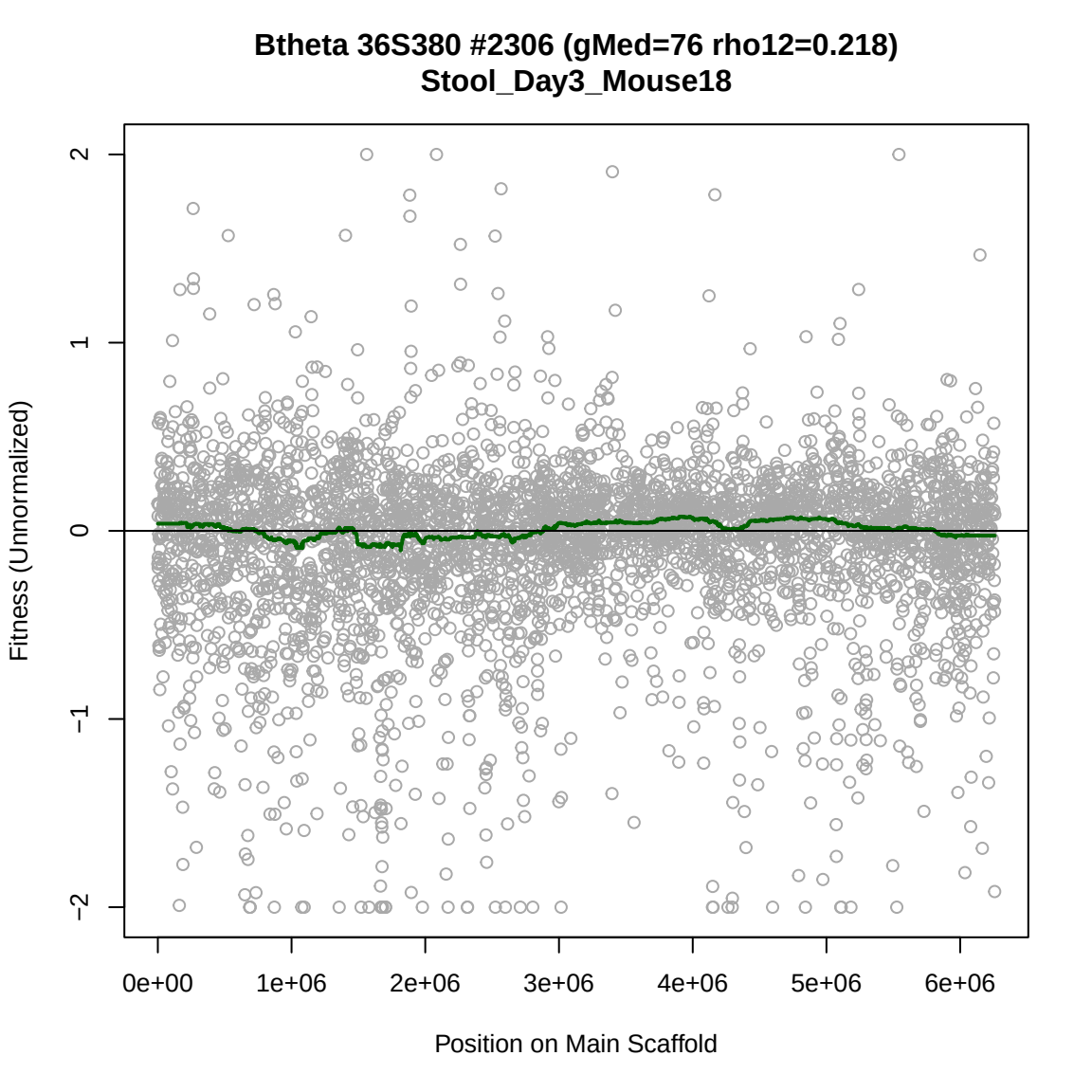

Btheta 36S375 #2301 (gMed=78 rho12=0.216)
Stool_Day3_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

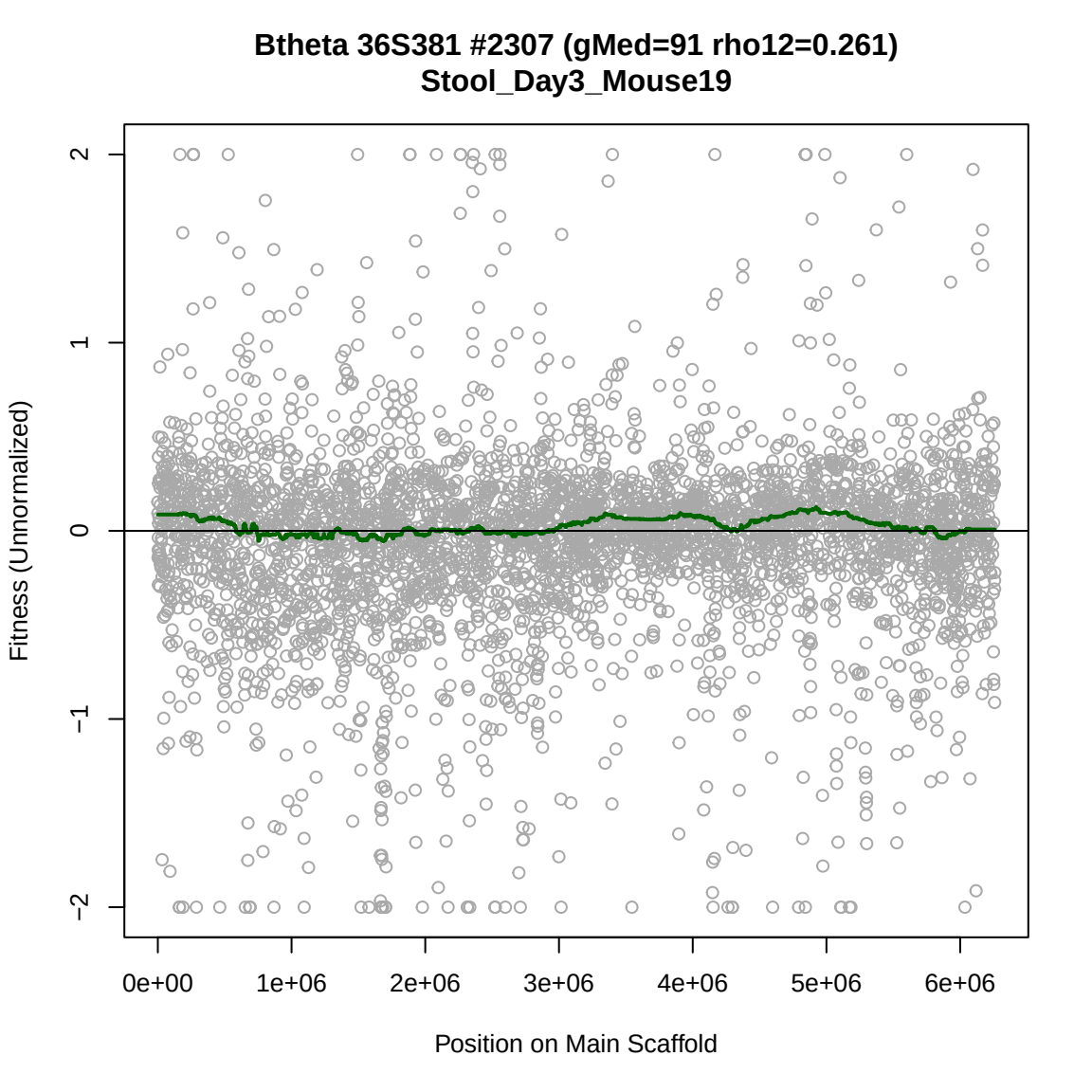

Btheta 36S376 #2302 (gMed=74 rho12=0.195)
Stool_Day3_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

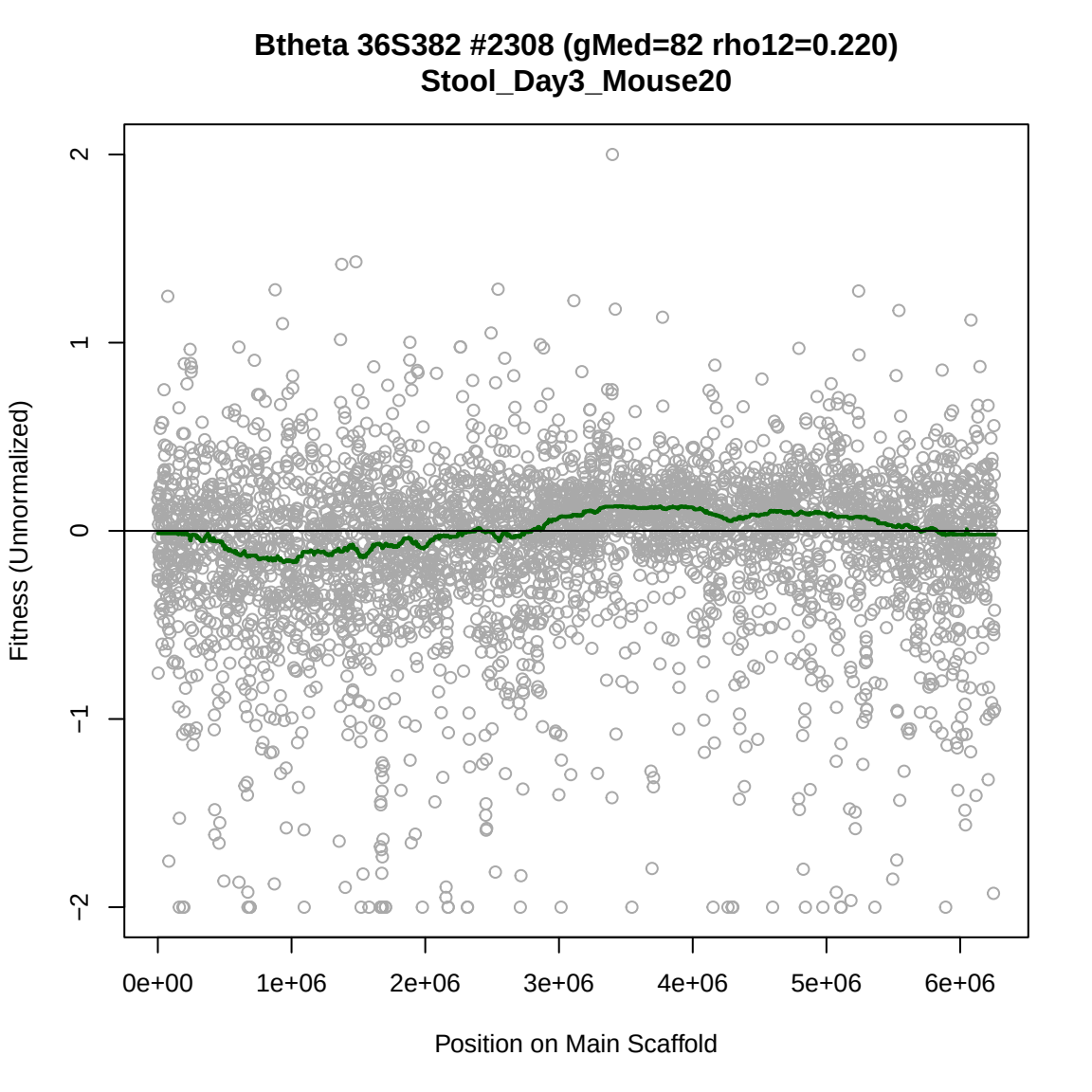

Btheta 36S377 #2303 (gMed=82 rho12=0.200)
Stool_Day3_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

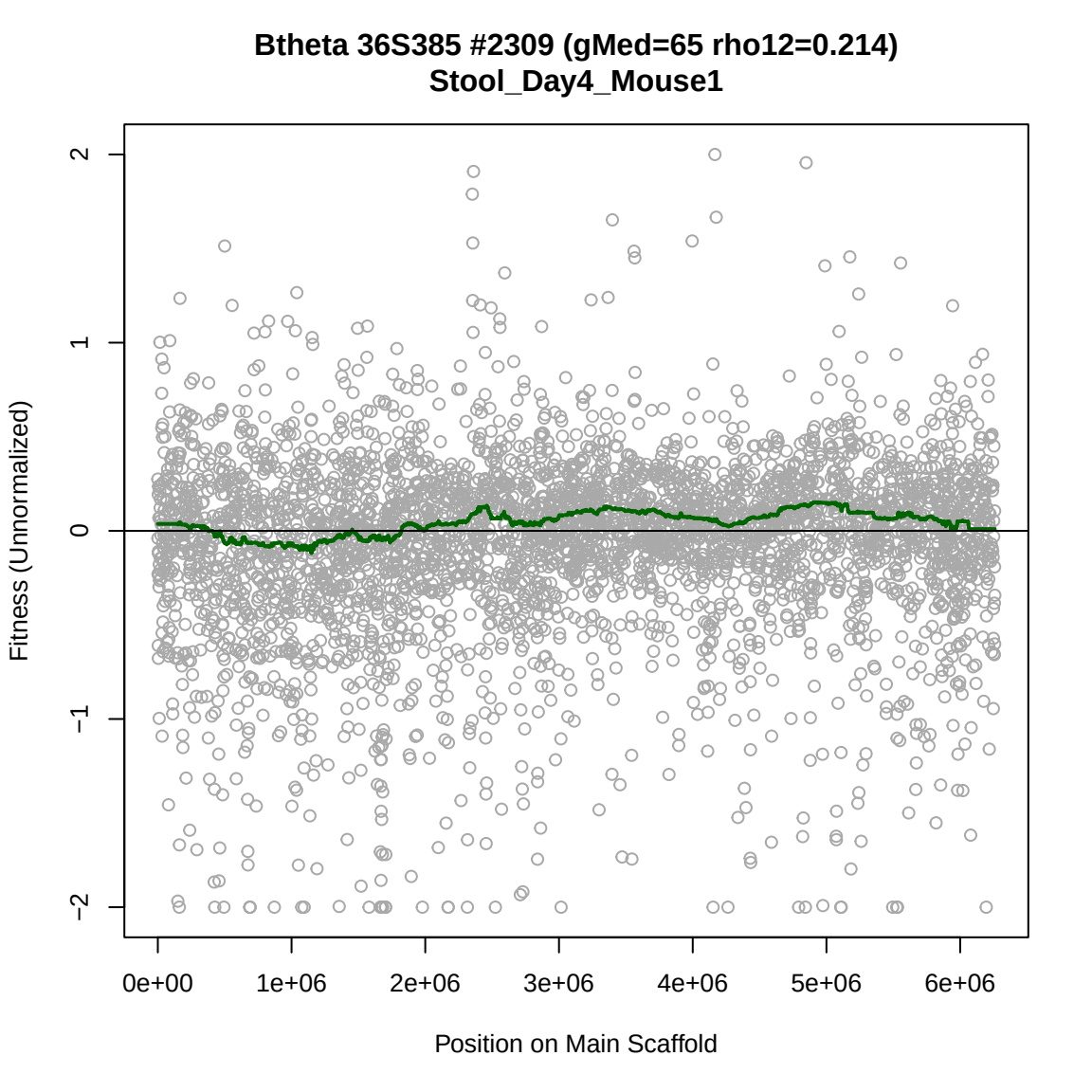

Btheta 36S378 #2304 (gMed=101 rho12=0.219)
Stool_Day3_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

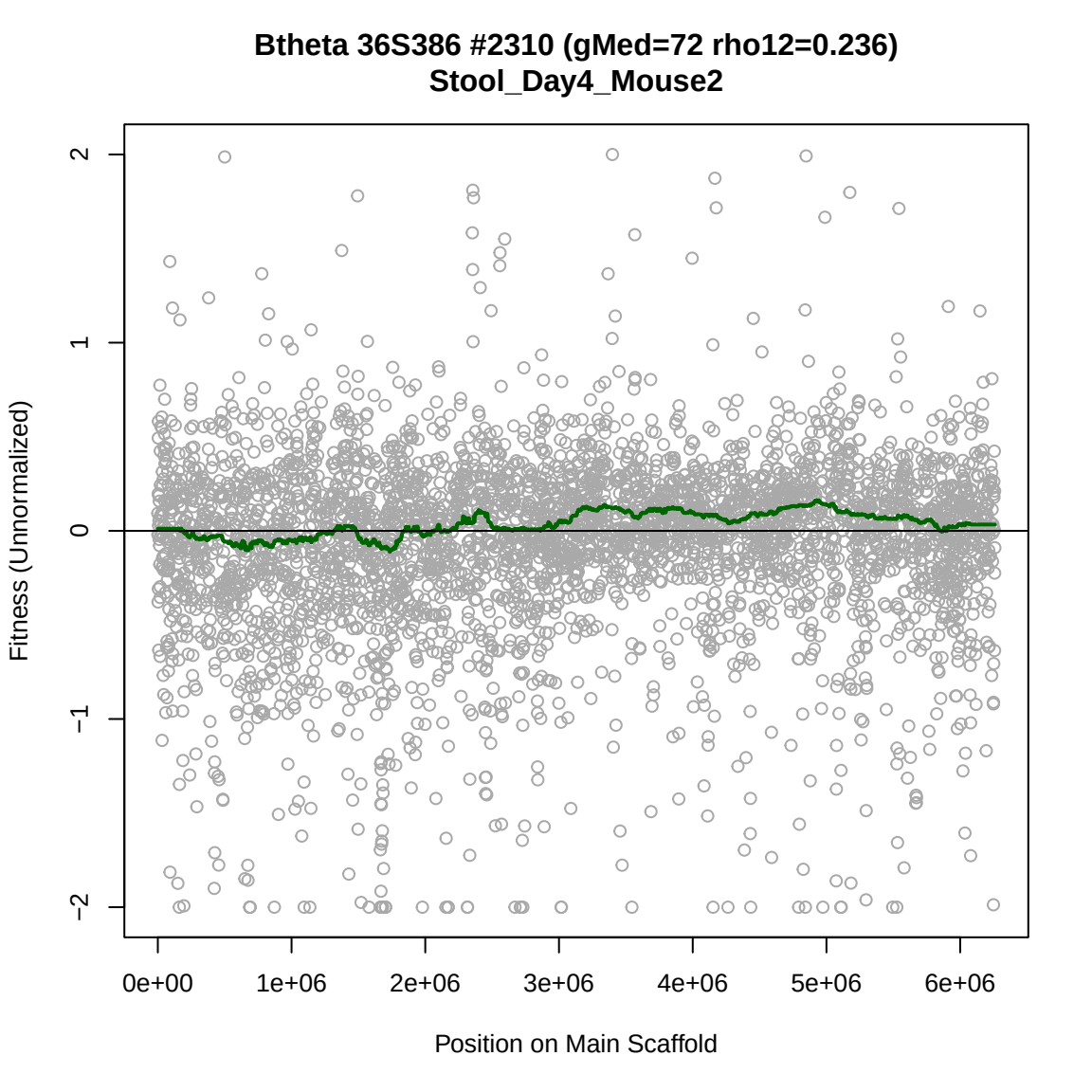

Btheta 36S379 #2305 (gMed=88 rho12=0.222)
Stool_Day3_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

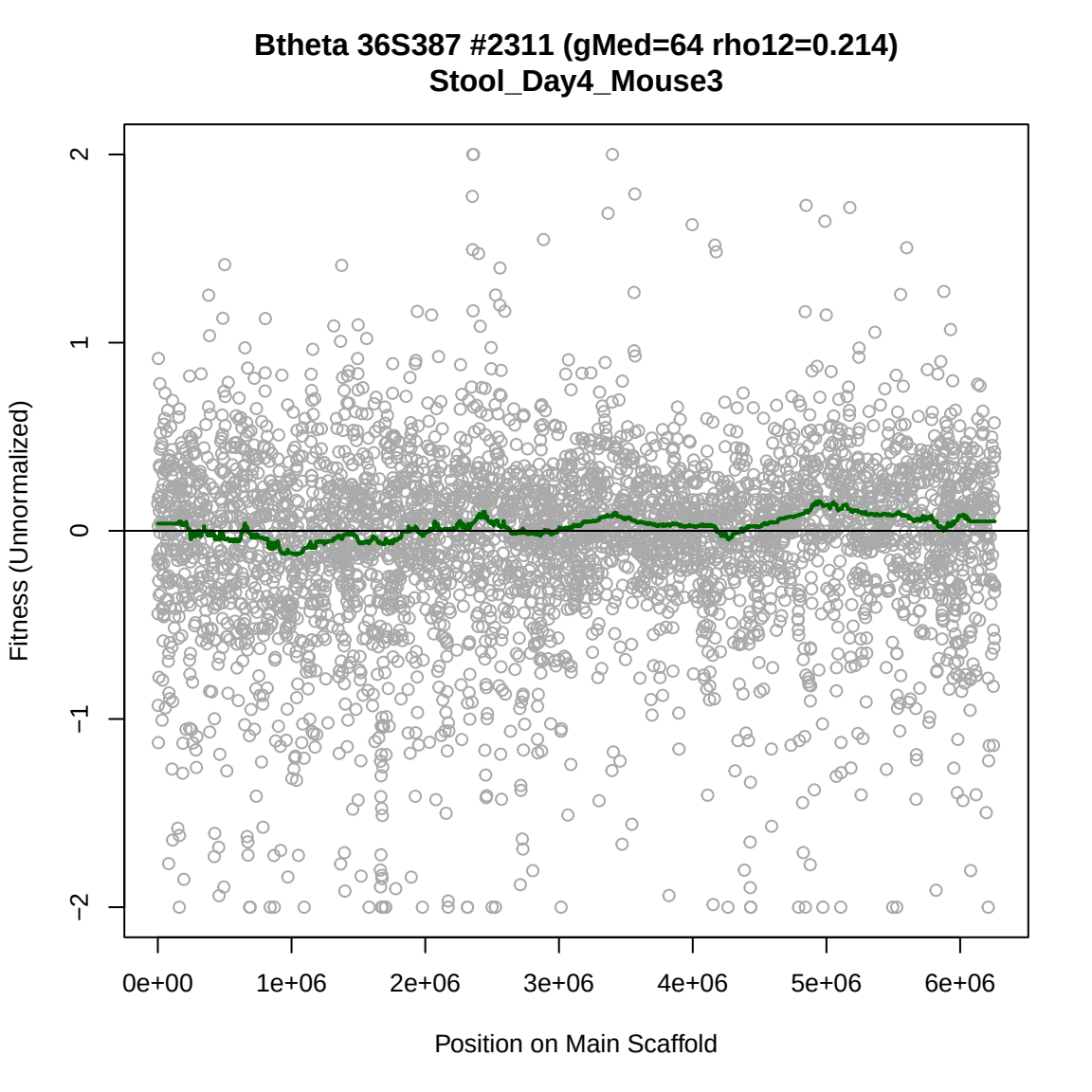

Btheta 36S380 #2306 (gMed=76 rho12=0.218)
Stool_Day3_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

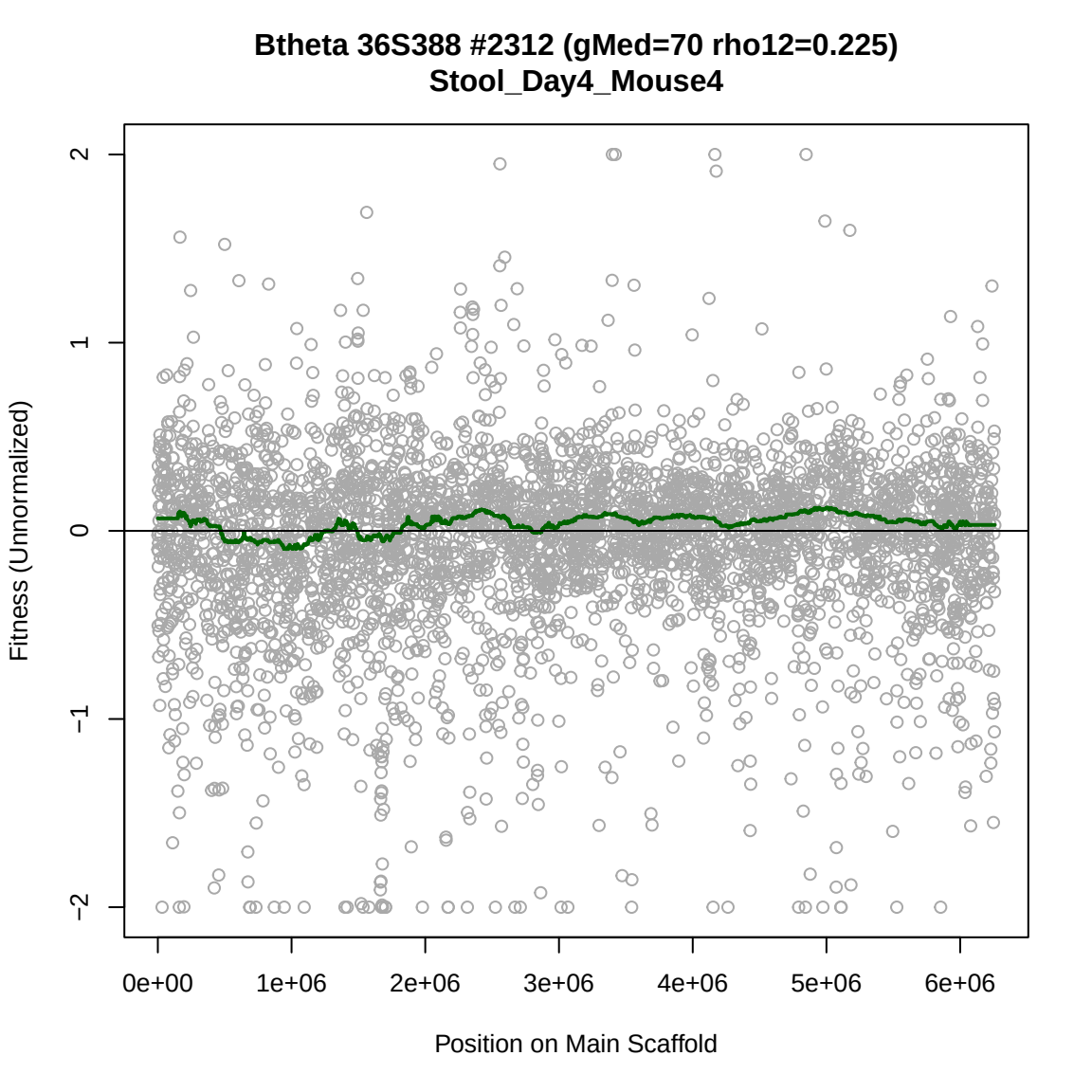

Btheta 36S381 #2307 (gMed=91 rho12=0.261)
Stool_Day3_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

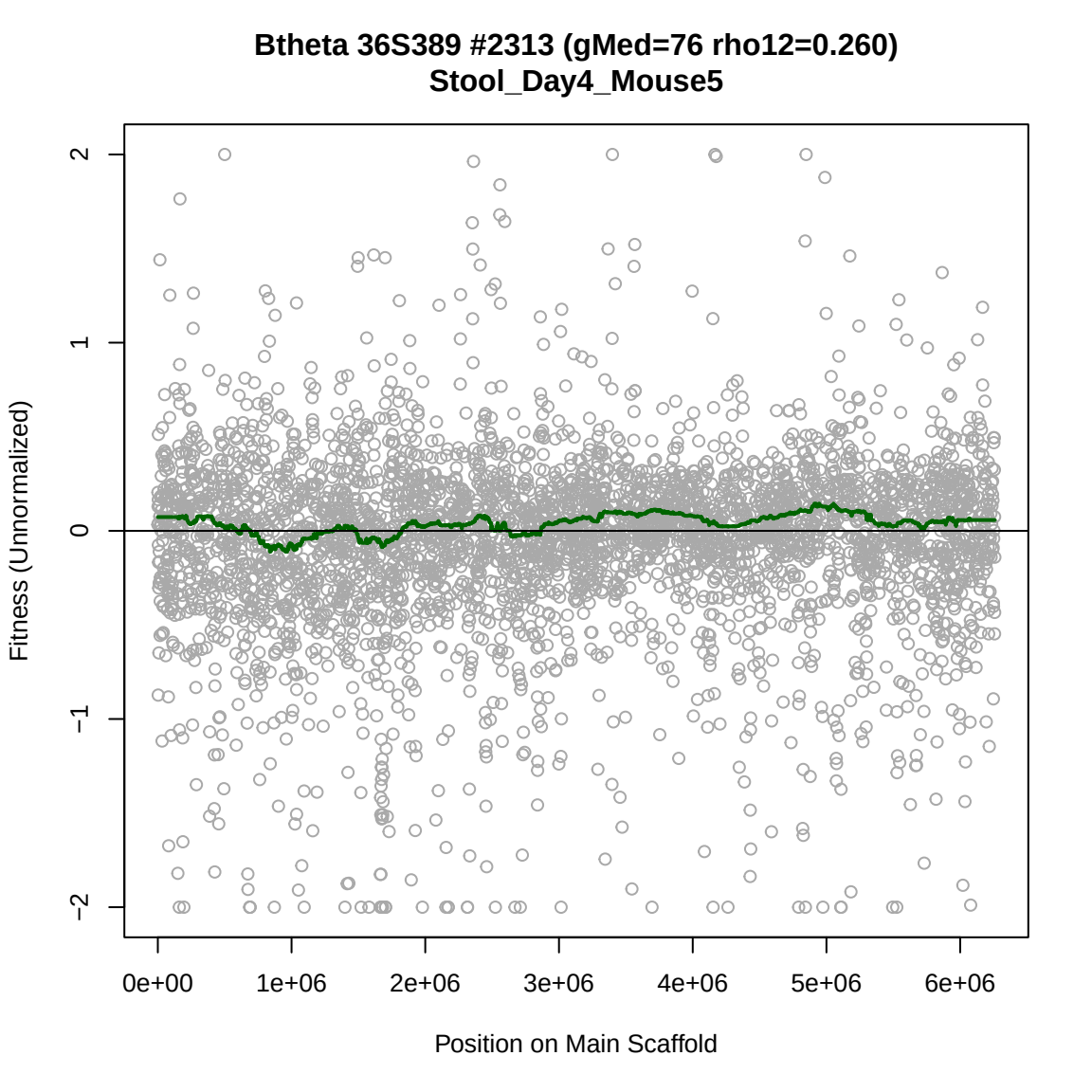

Btheta 36S382 #2308 (gMed=82 rho12=0.220)
Stool_Day3_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

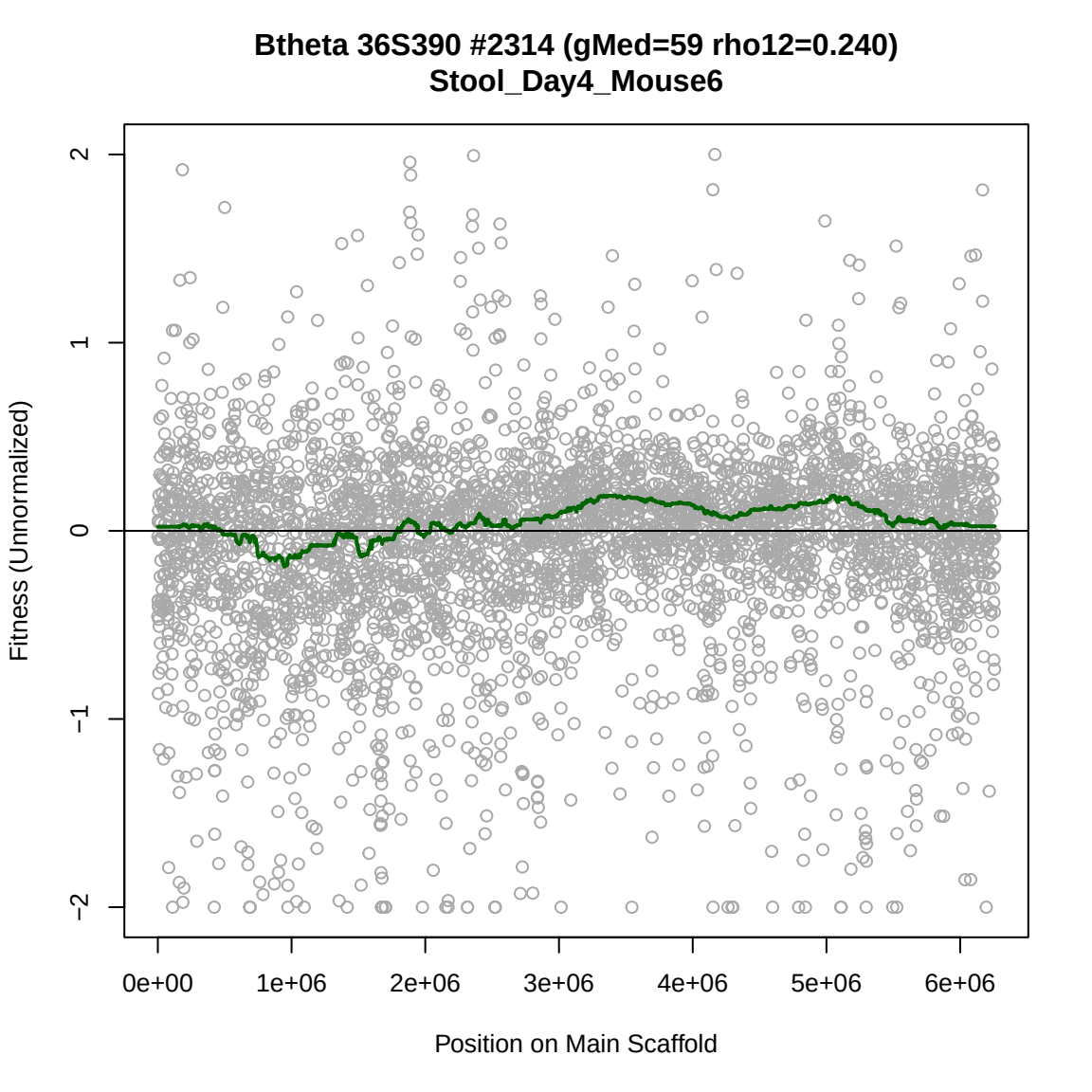

Btheta 36S385 #2309 (gMed=65 rho12=0.214)
Stool_Day4_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

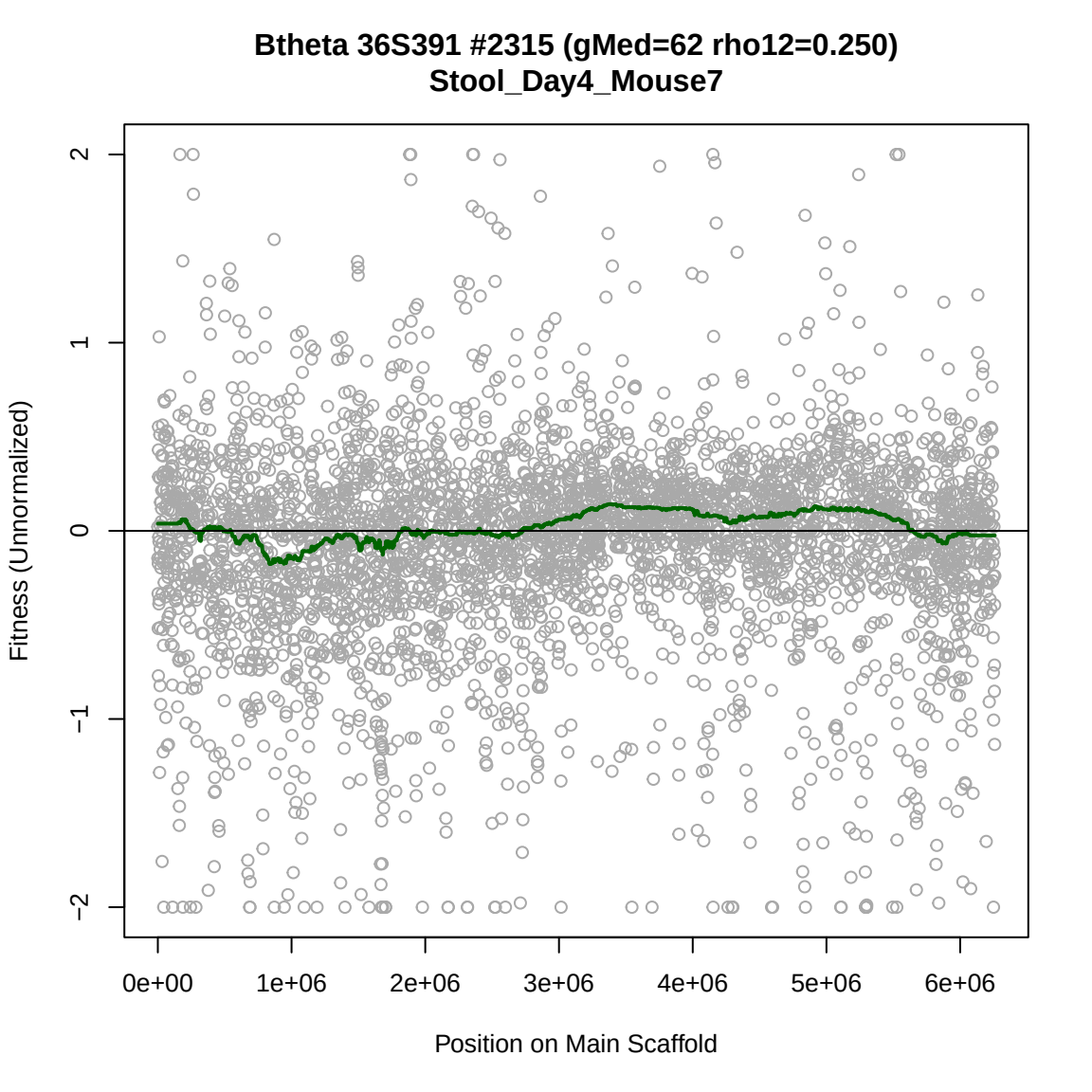

Btheta 36S386 #2310 (gMed=72 rho12=0.236)
Stool_Day4_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

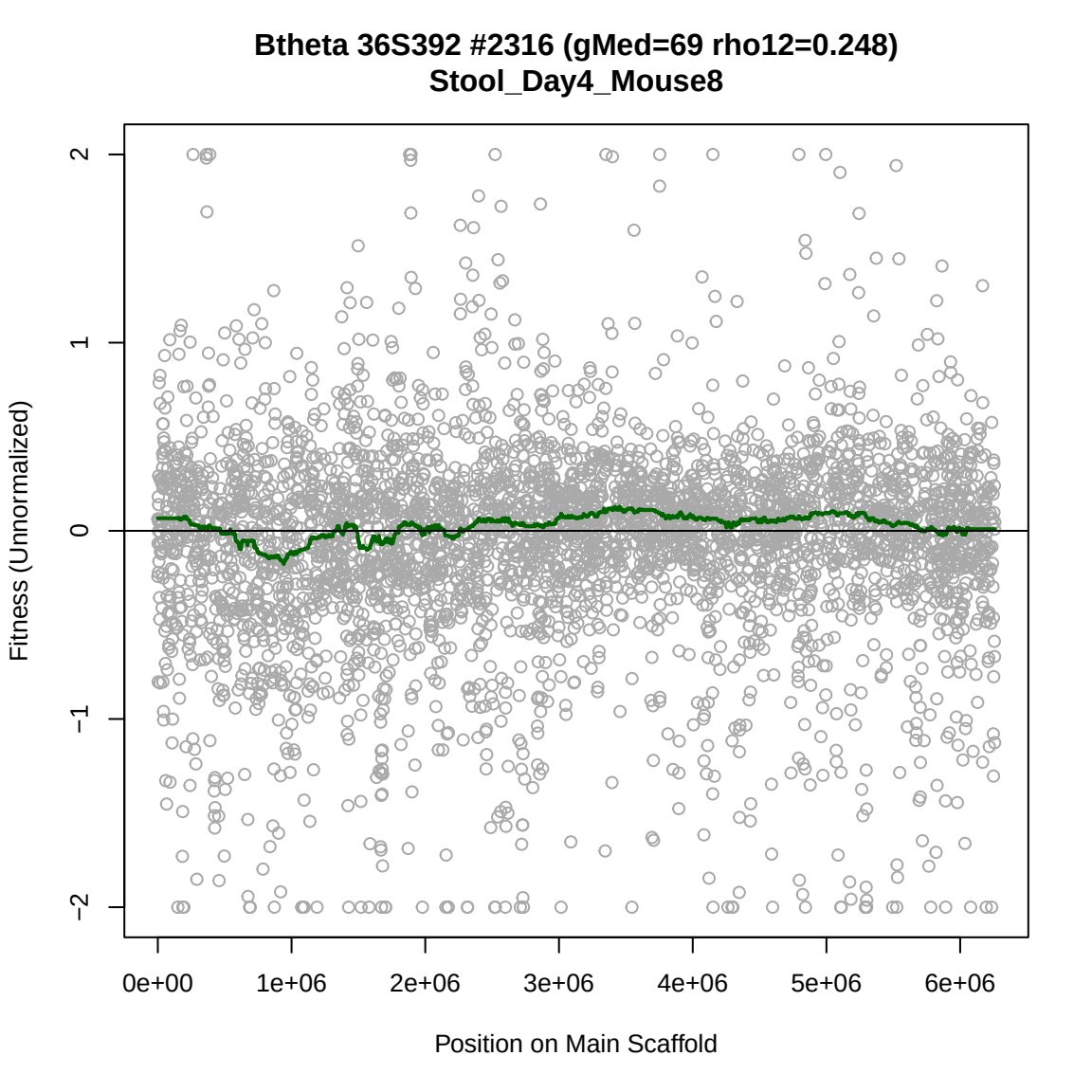

Btheta 36S387 #2311 (gMed=64 rho12=0.214)
Stool_Day4_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

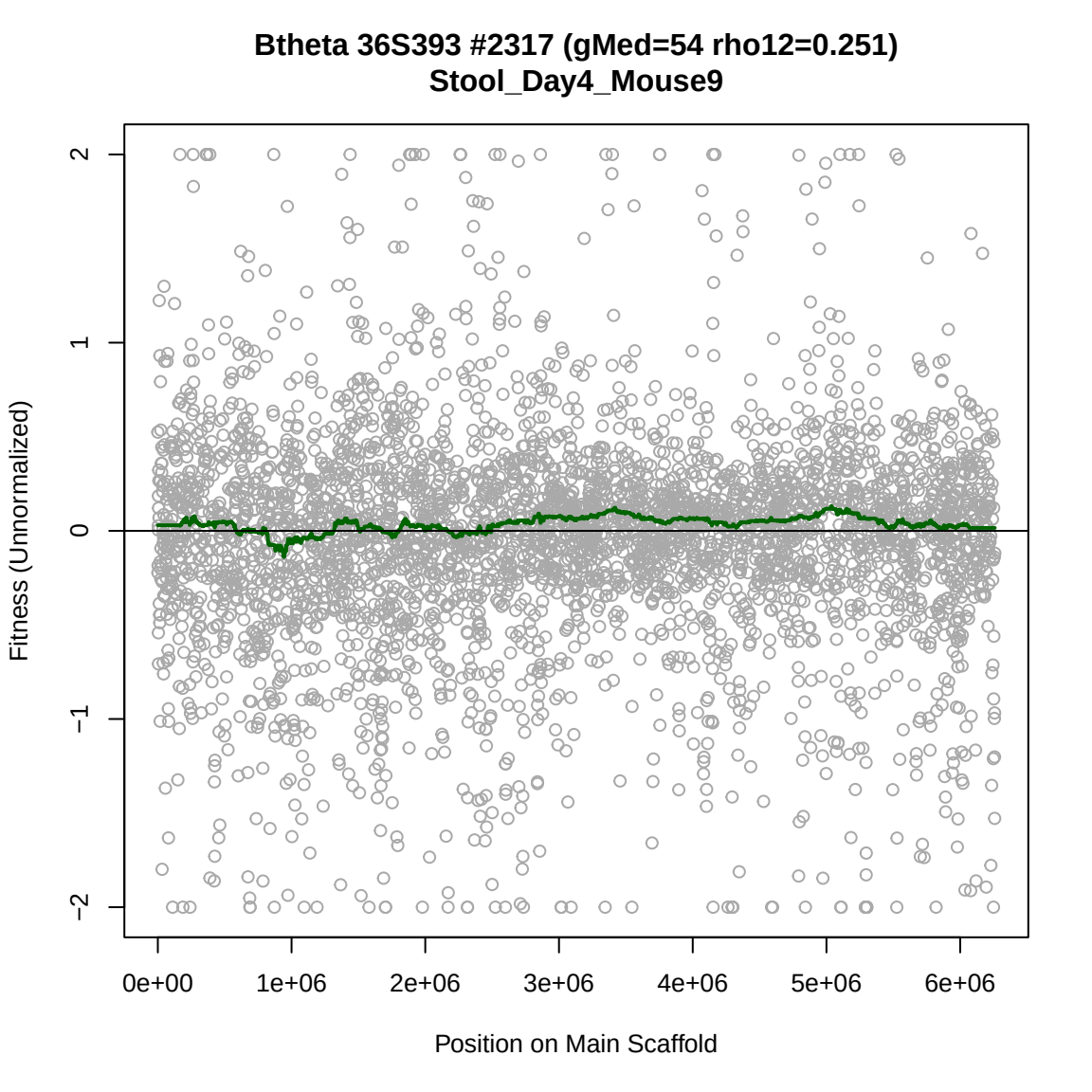

Btheta 36S388 #2312 (gMed=70 rho12=0.225)
Stool_Day4_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

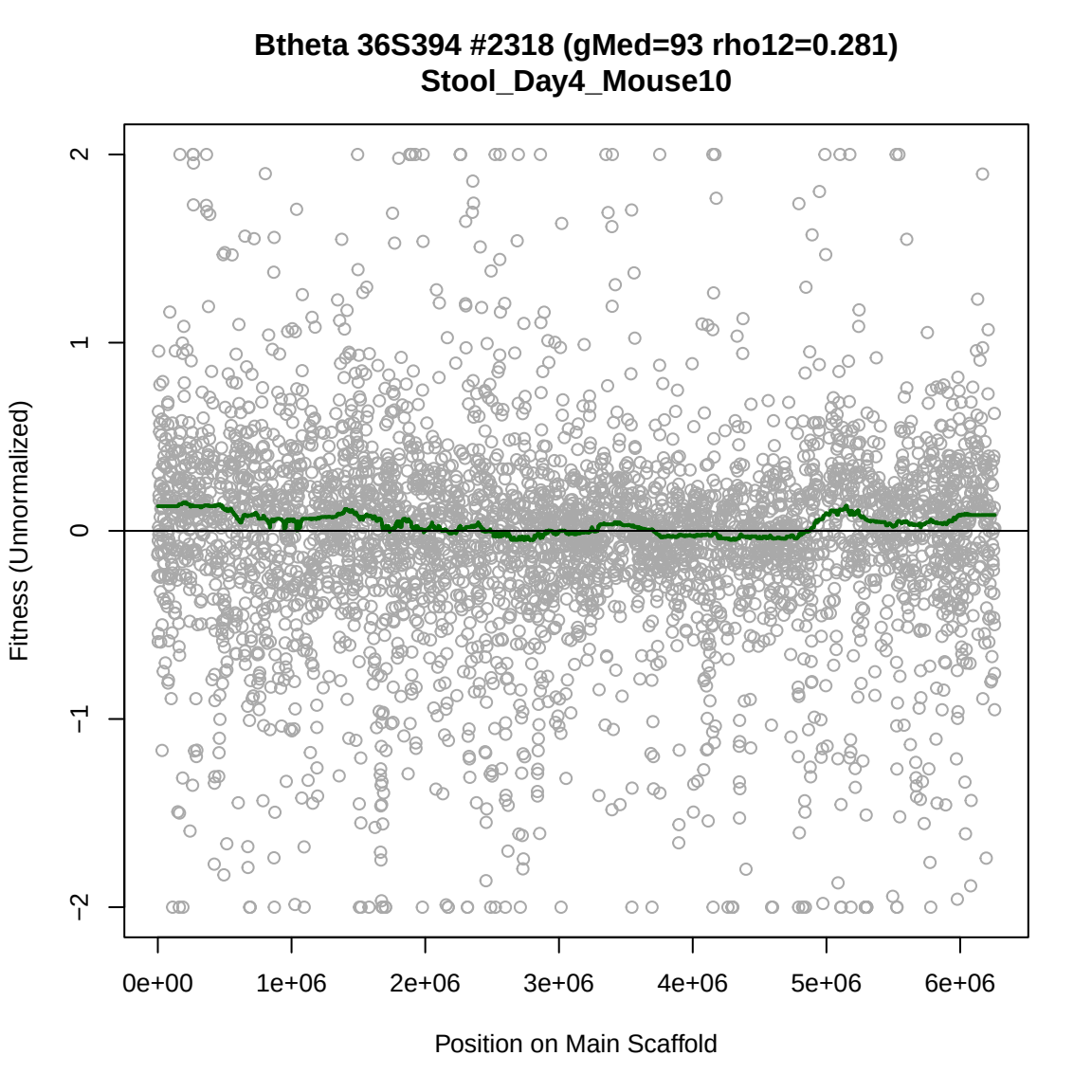

Btheta 36S389 #2313 (gMed=76 rho12=0.260)
Stool_Day4_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

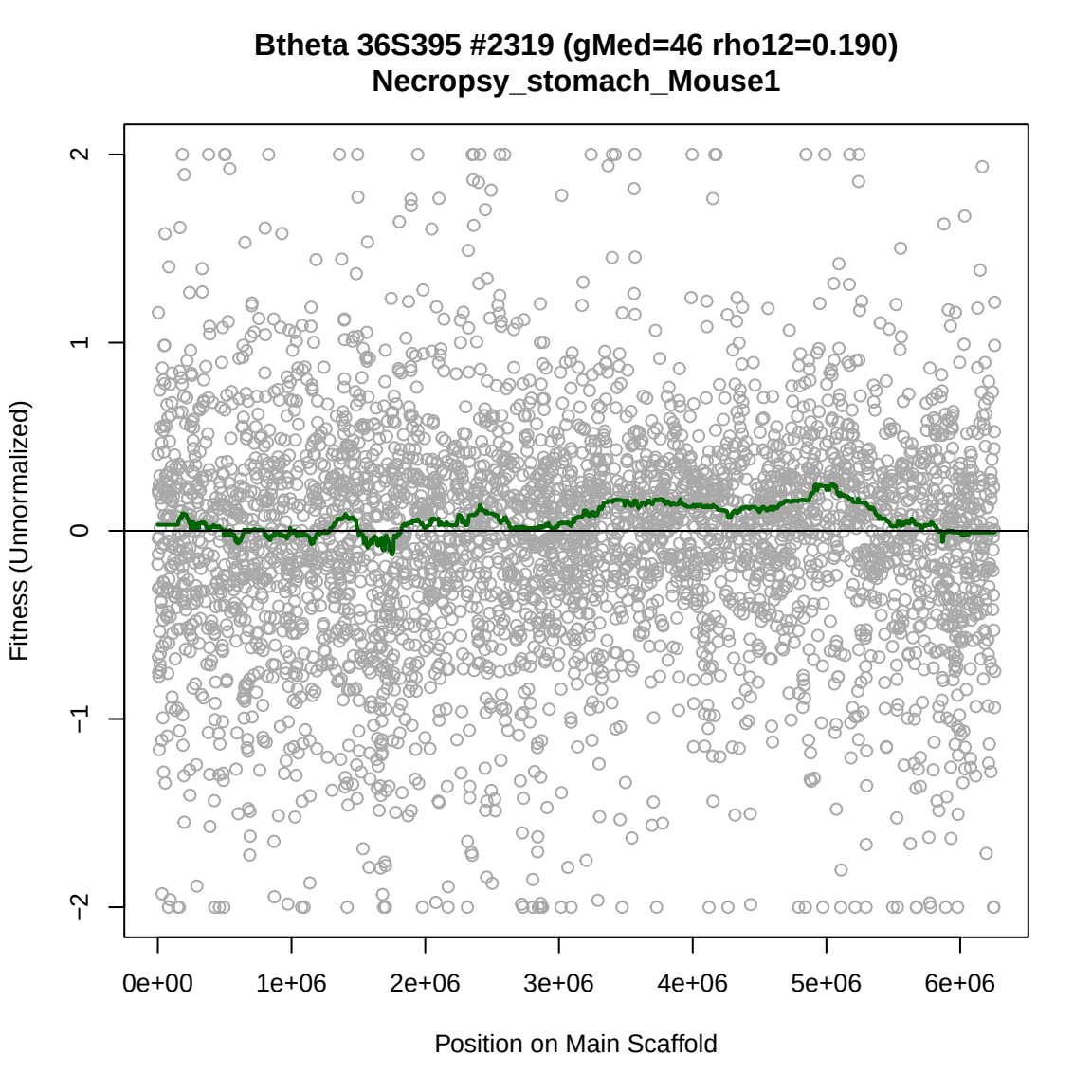

Btheta 36S390 #2314 (gMed=59 rho12=0.240)
Stool_Day4_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

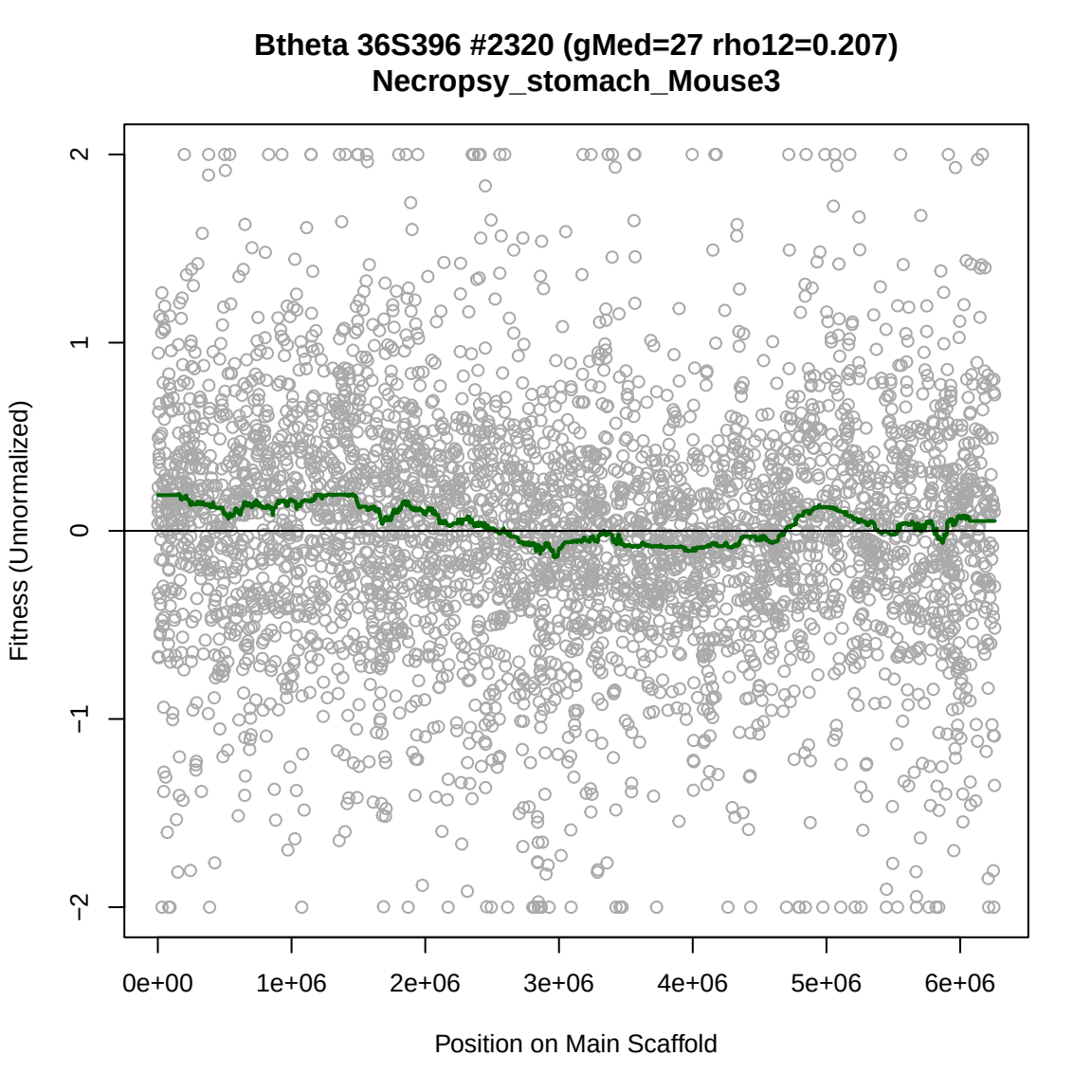

Btheta 36S391 #2315 (gMed=62 rho12=0.250)
Stool_Day4_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

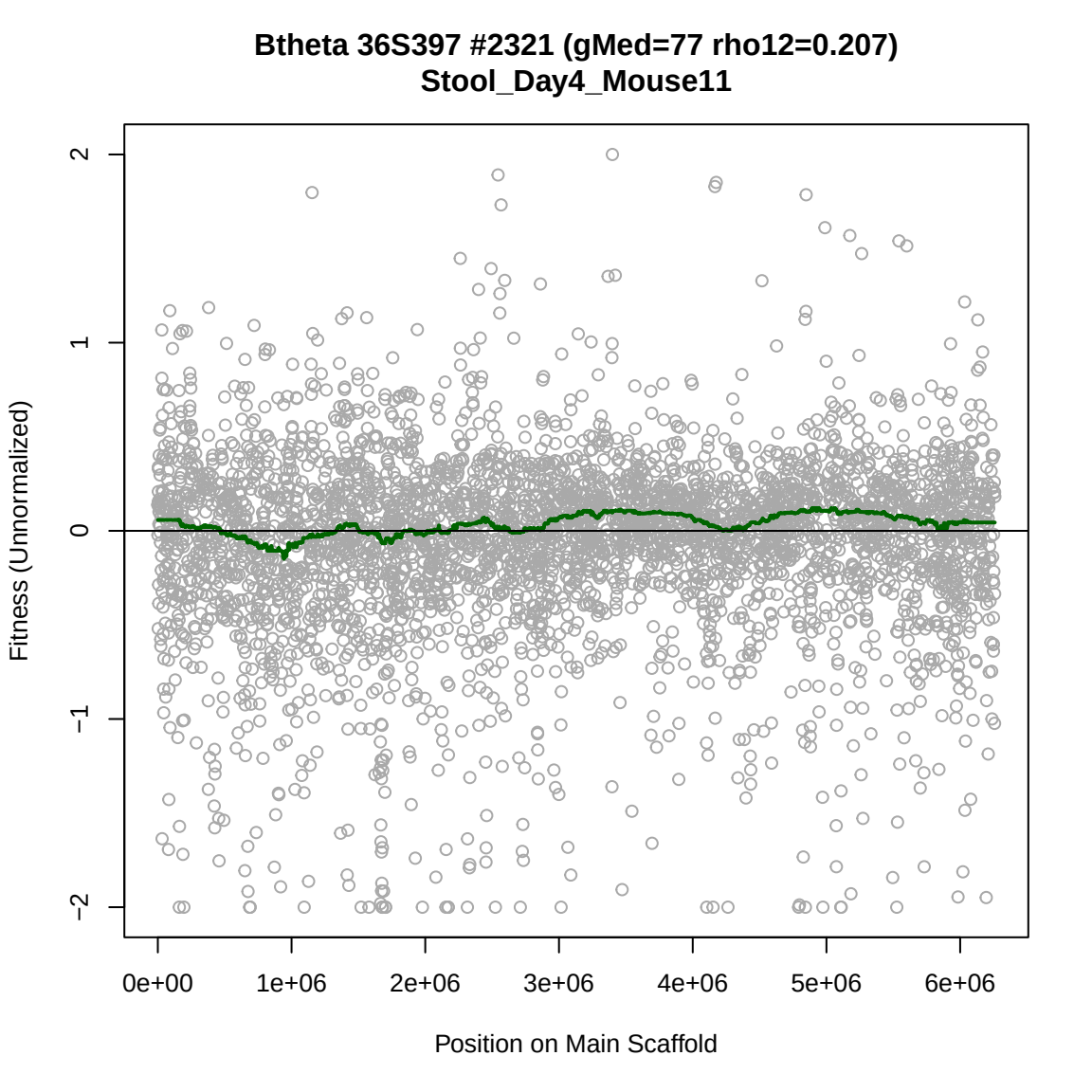

Btheta 36S392 #2316 (gMed=69 rho12=0.248)
Stool_Day4_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

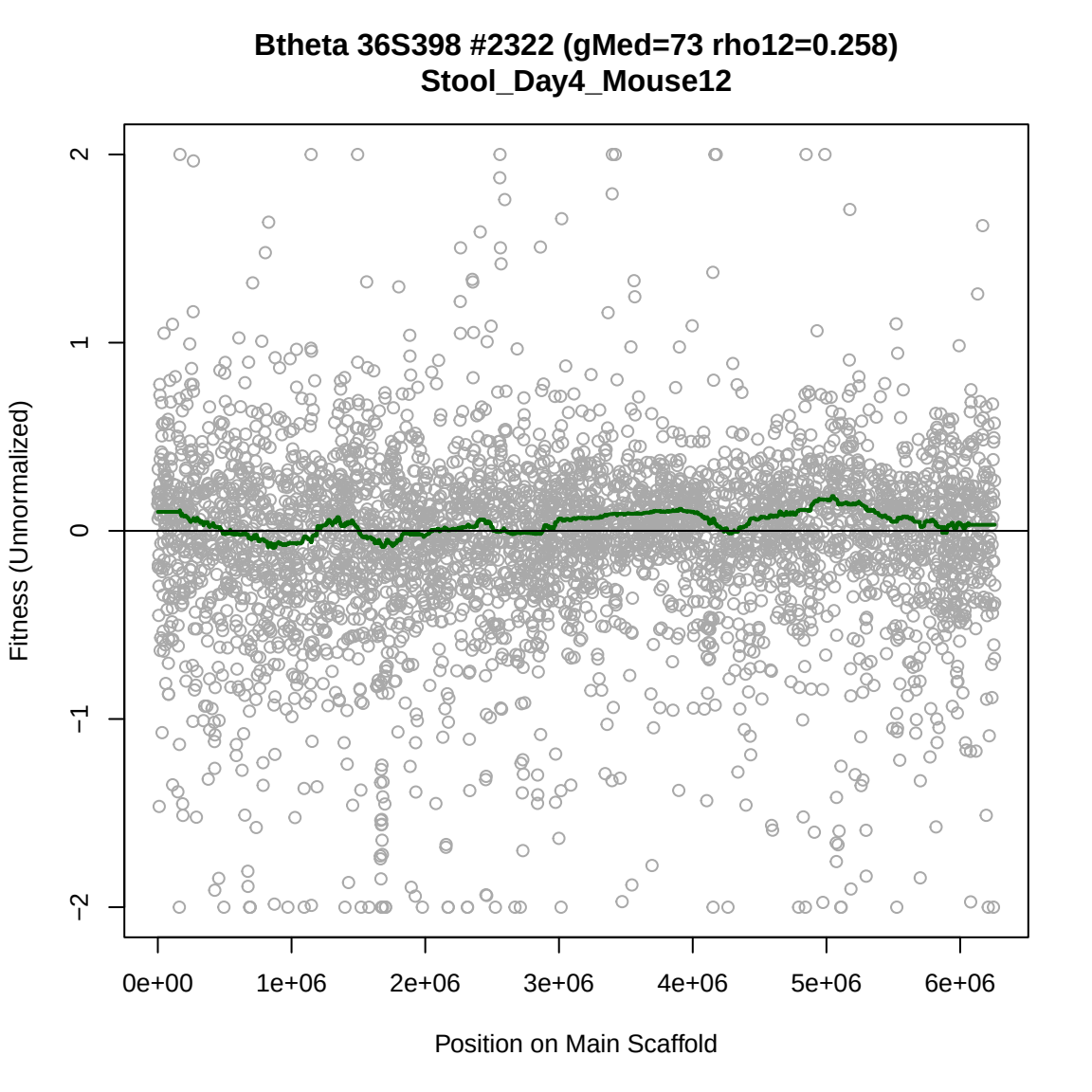

Btheta 36S393 #2317 (gMed=54 rho12=0.251)
Stool_Day4_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

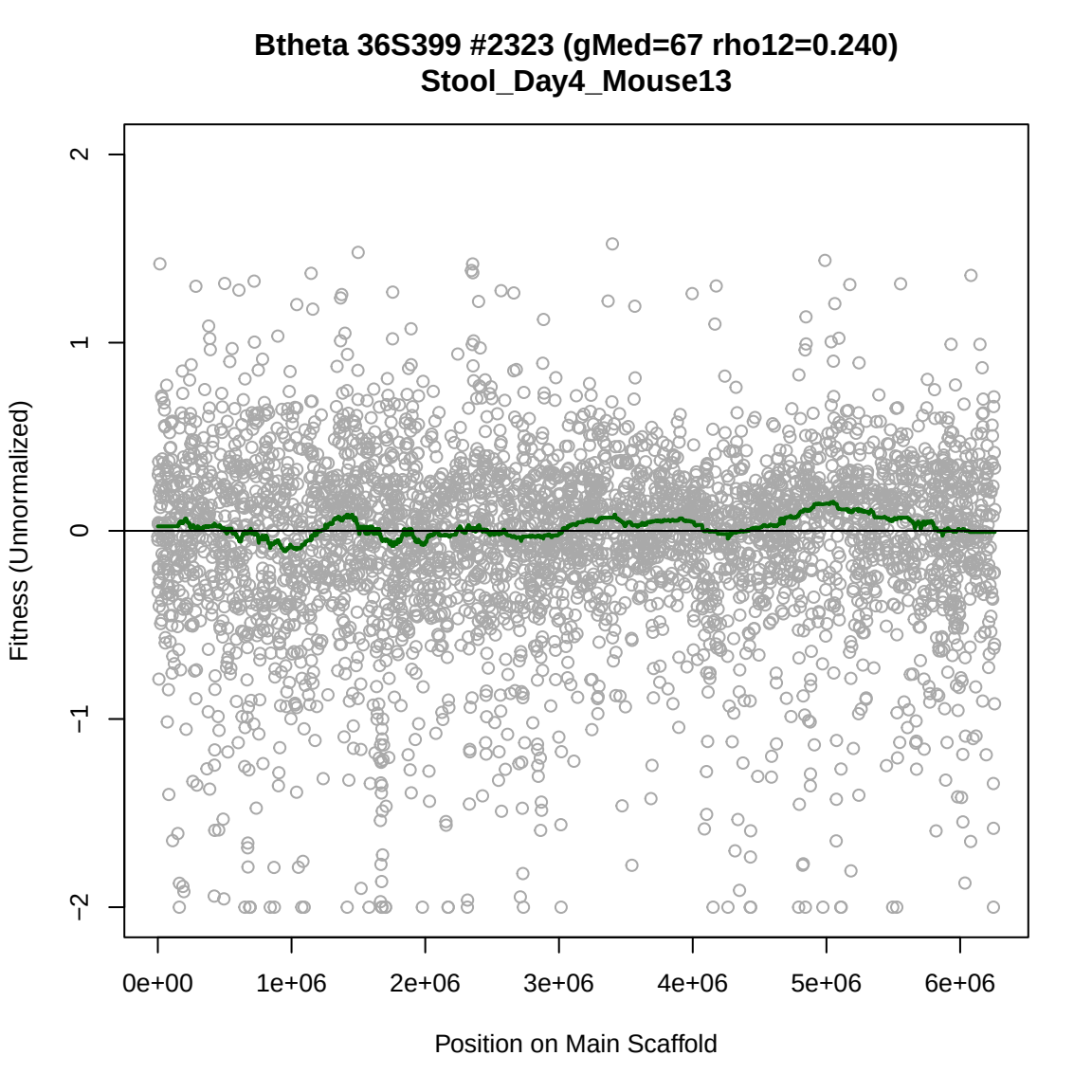

Btheta 36S394 #2318 (gMed=93 rho12=0.281)
Stool_Day4_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

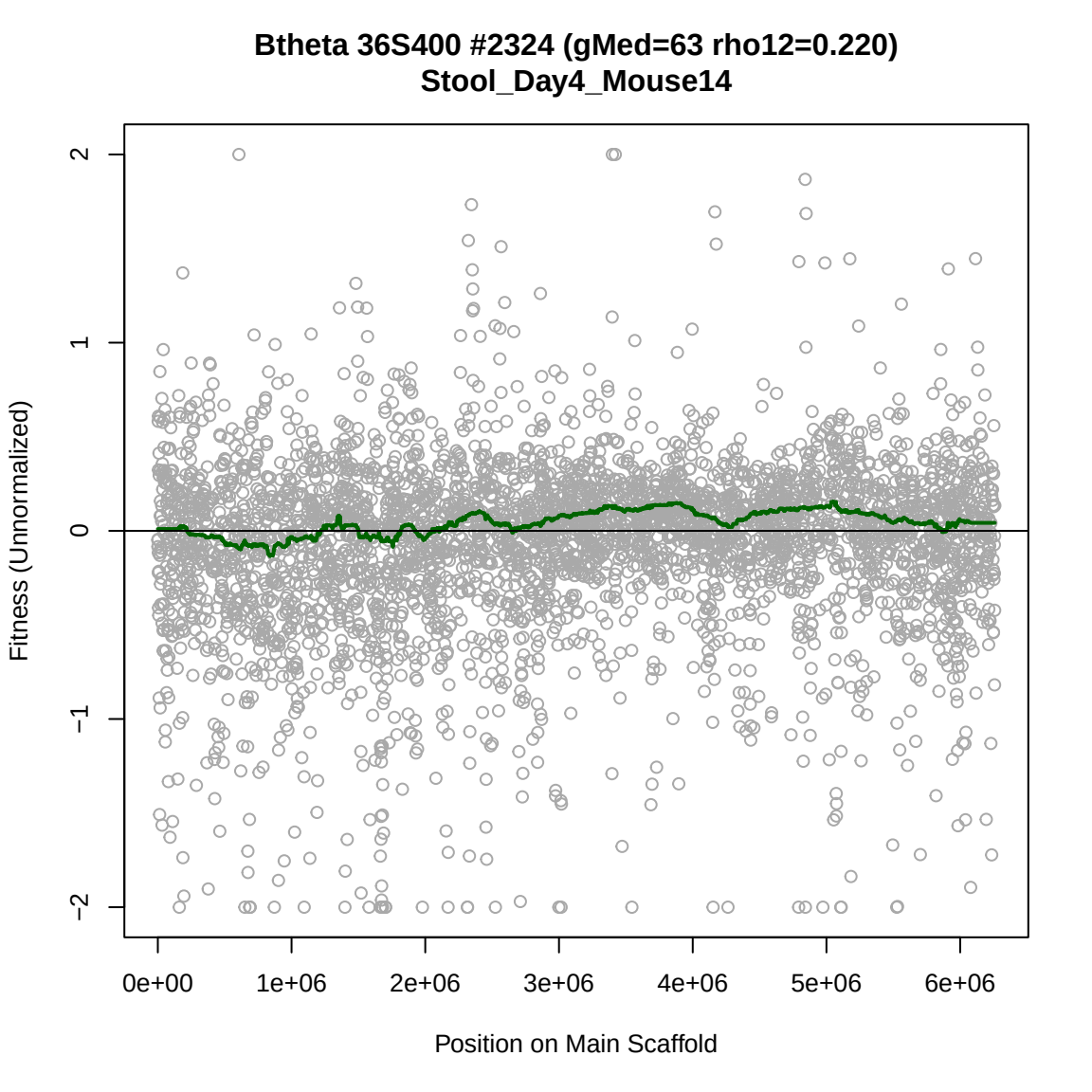

Btheta 36S395 #2319 (gMed=46 rho12=0.190)
Necropsy_stomach_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

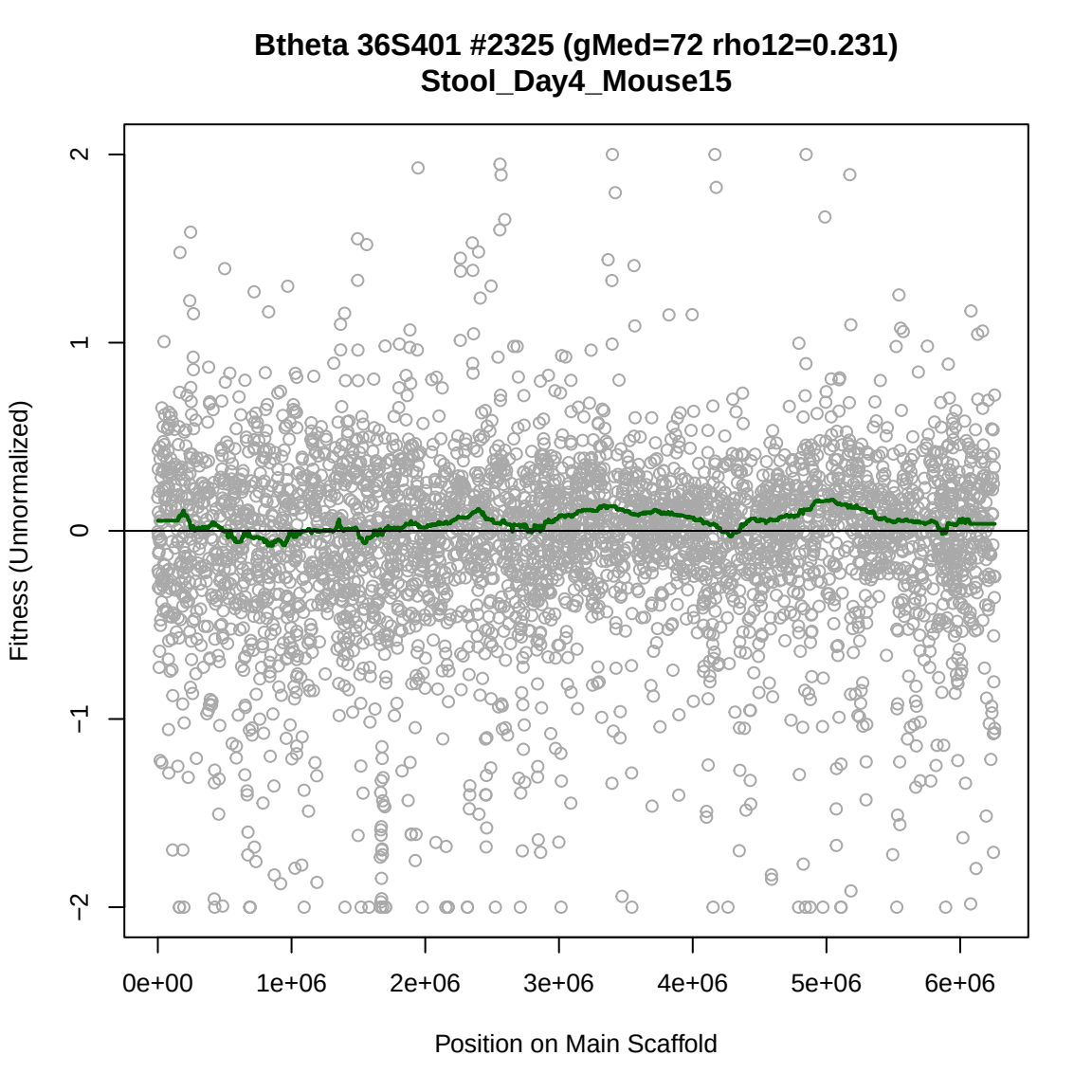

Btheta 36S396 #2320 (gMed=27 rho12=0.207)
Necropsy_stomach_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

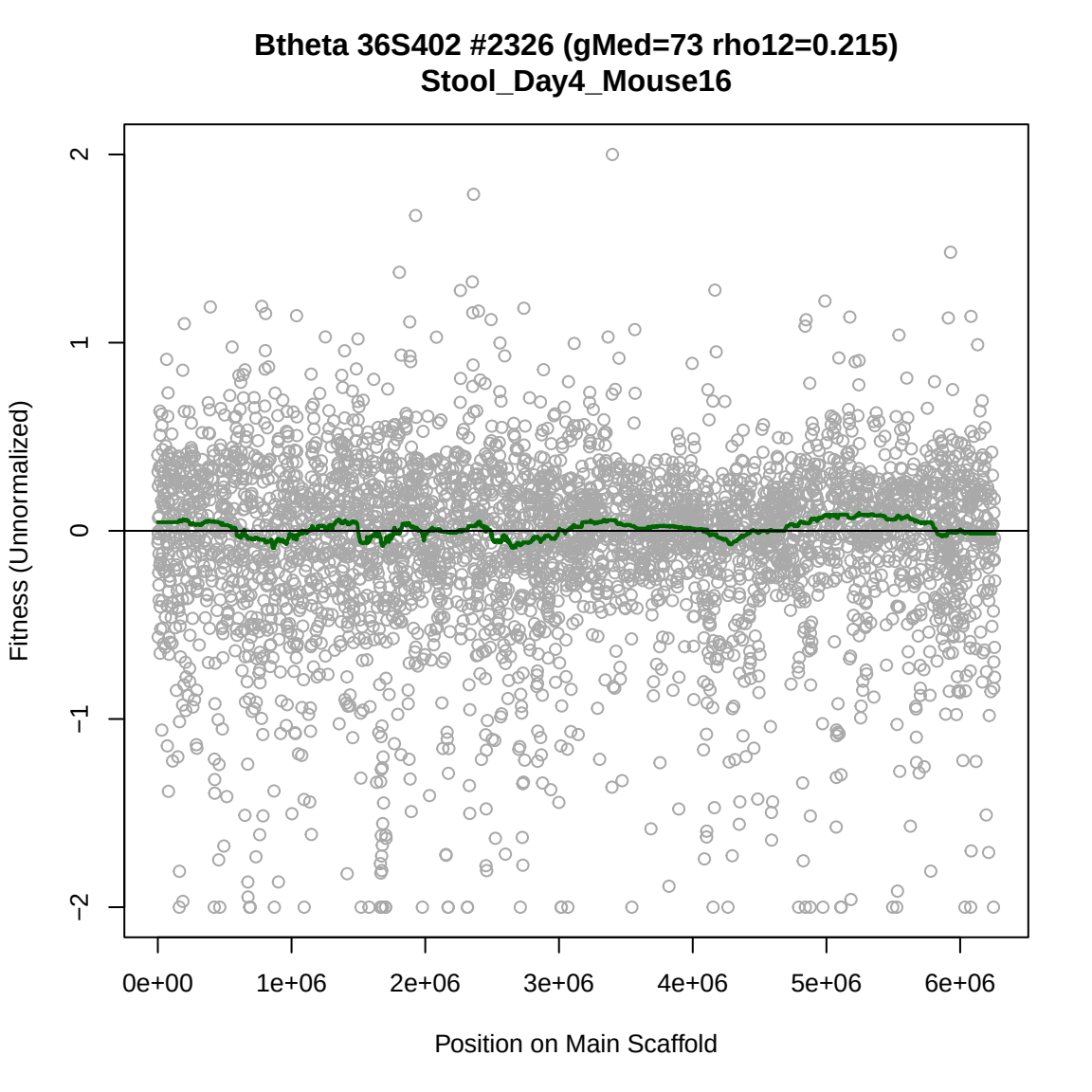

Btheta 36S397 #2321 (gMed=77 rho12=0.207)
Stool_Day4_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

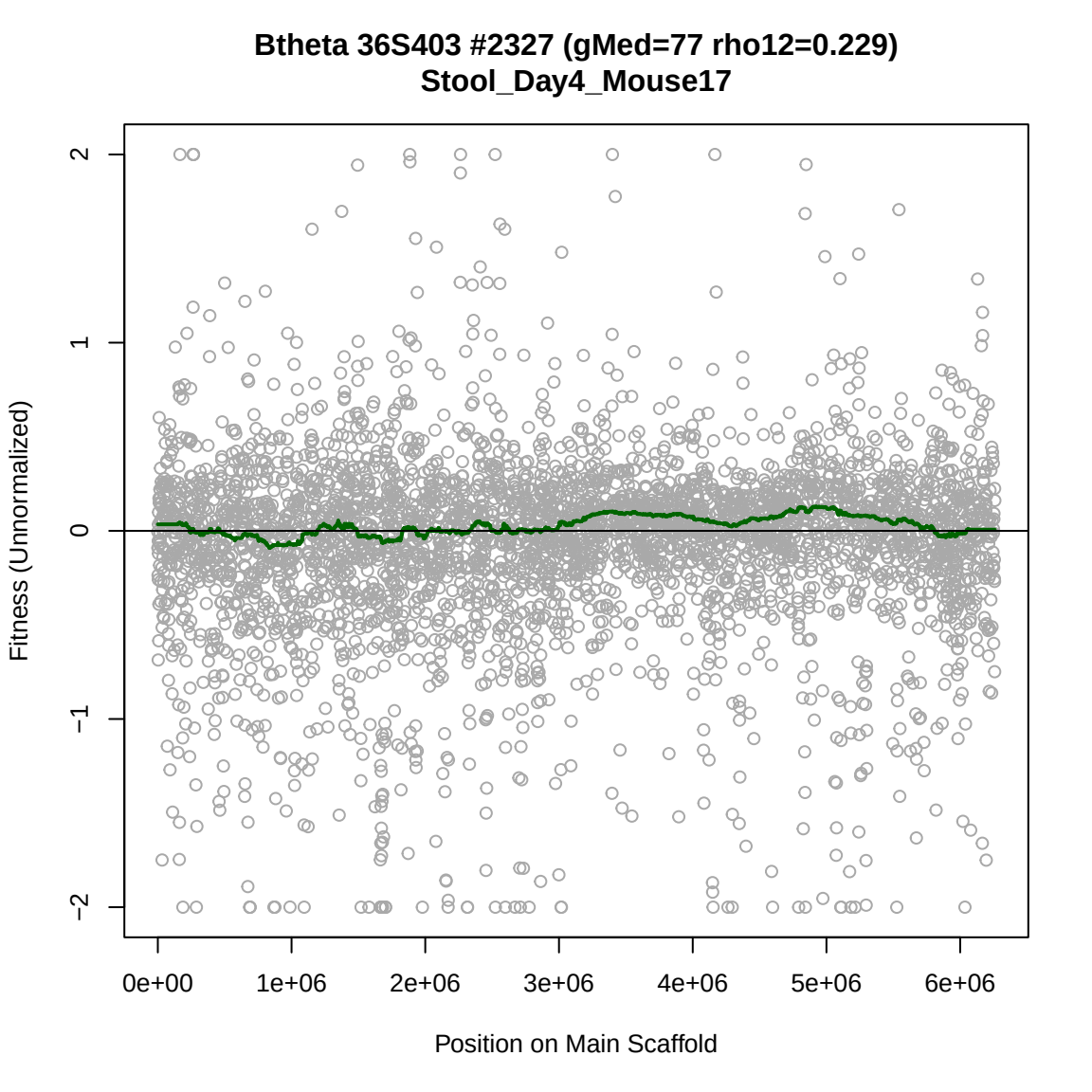

Btheta 36S398 #2322 (gMed=73 rho12=0.258)
Stool_Day4_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

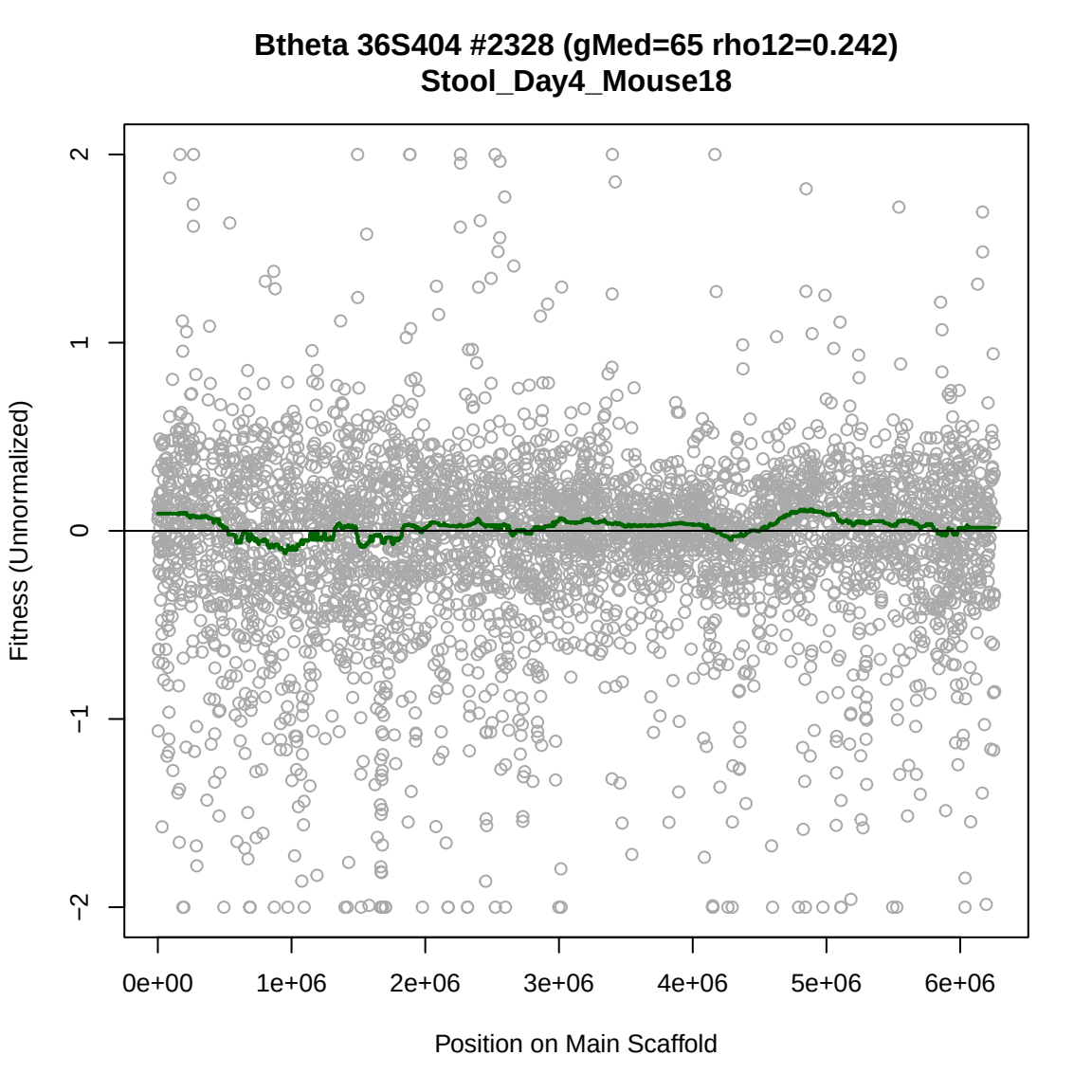

Btheta 36S399 #2323 (gMed=67 rho12=0.240)
Stool_Day4_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

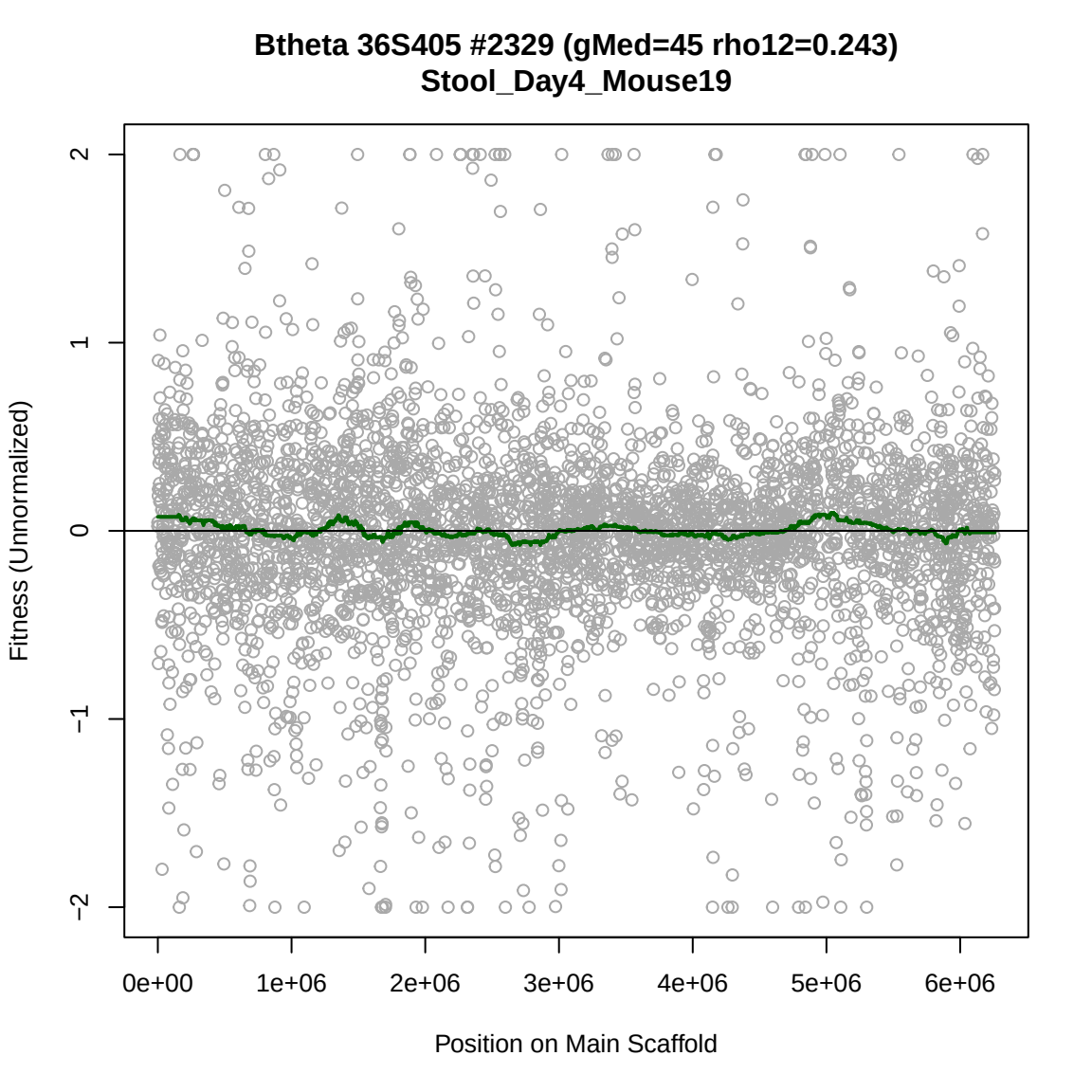

Btheta 36S400 #2324 (gMed=63 rho12=0.220)
Stool_Day4_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

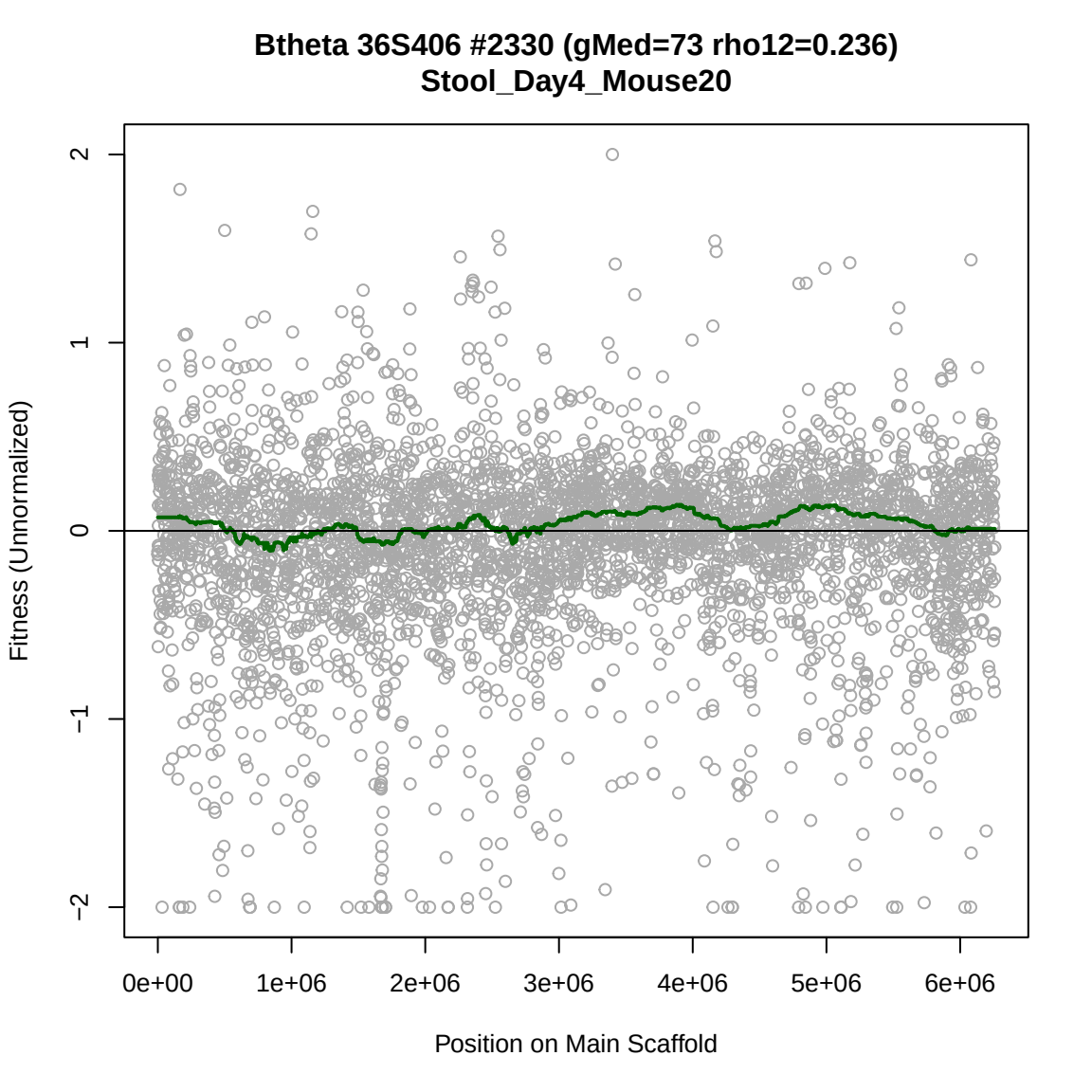

Btheta 36S401 #2325 (gMed=72 rho12=0.231)
Stool_Day4_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

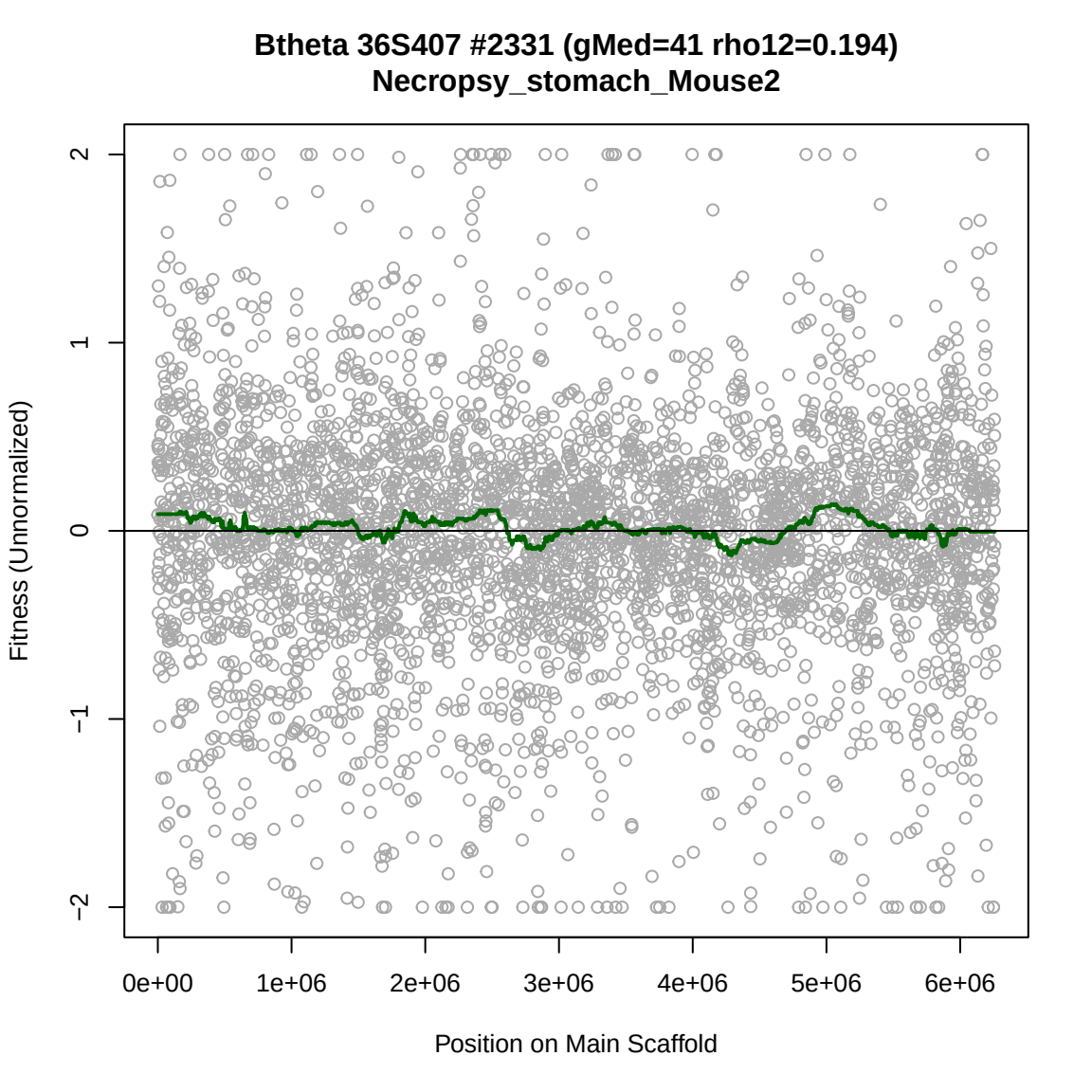

Btheta 36S402 #2326 (gMed=73 rho12=0.215)
Stool_Day4_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

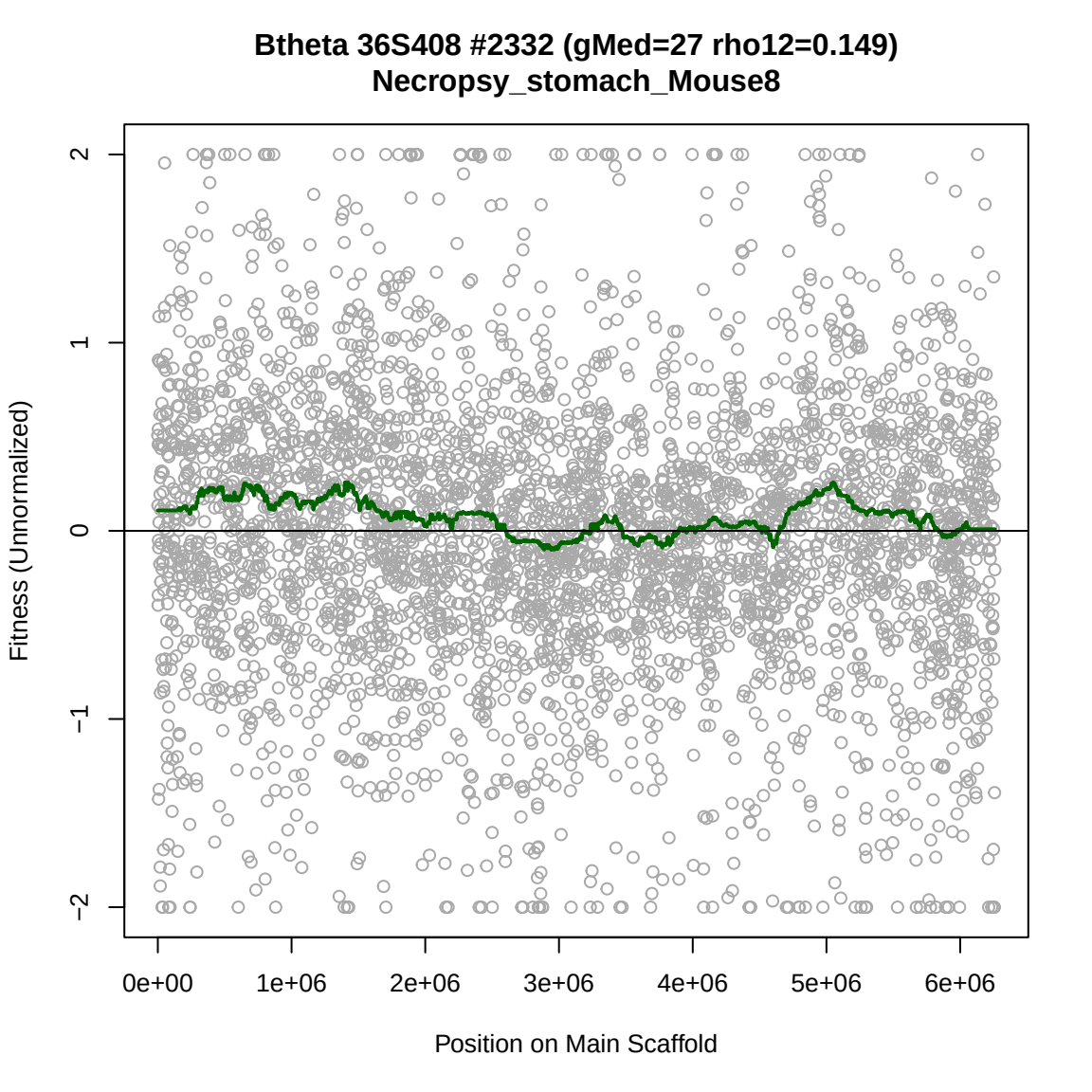

Btheta 36S403 #2327 (gMed=77 rho12=0.229)
Stool_Day4_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

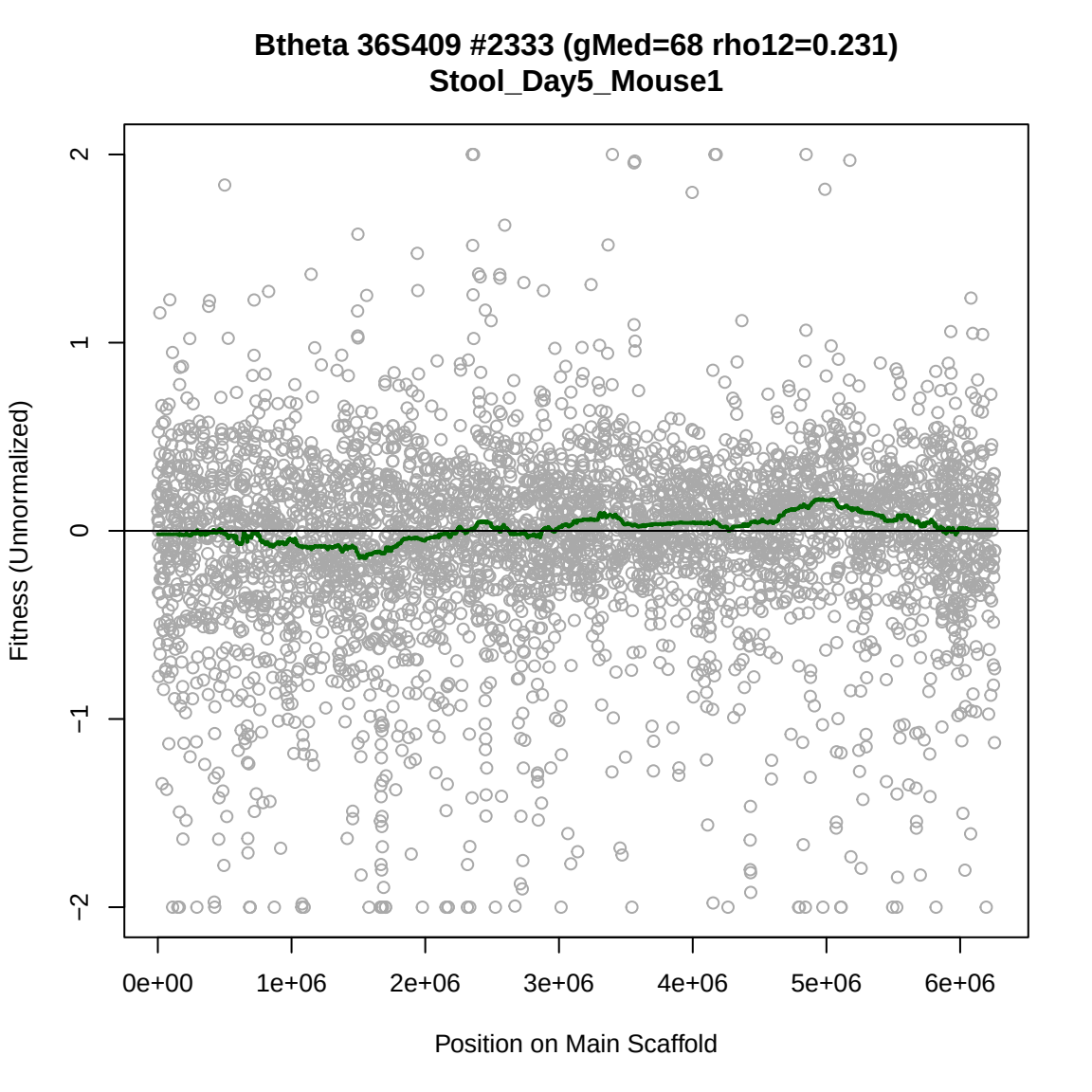

Btheta 36S404 #2328 (gMed=65 rho12=0.242)
Stool_Day4_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

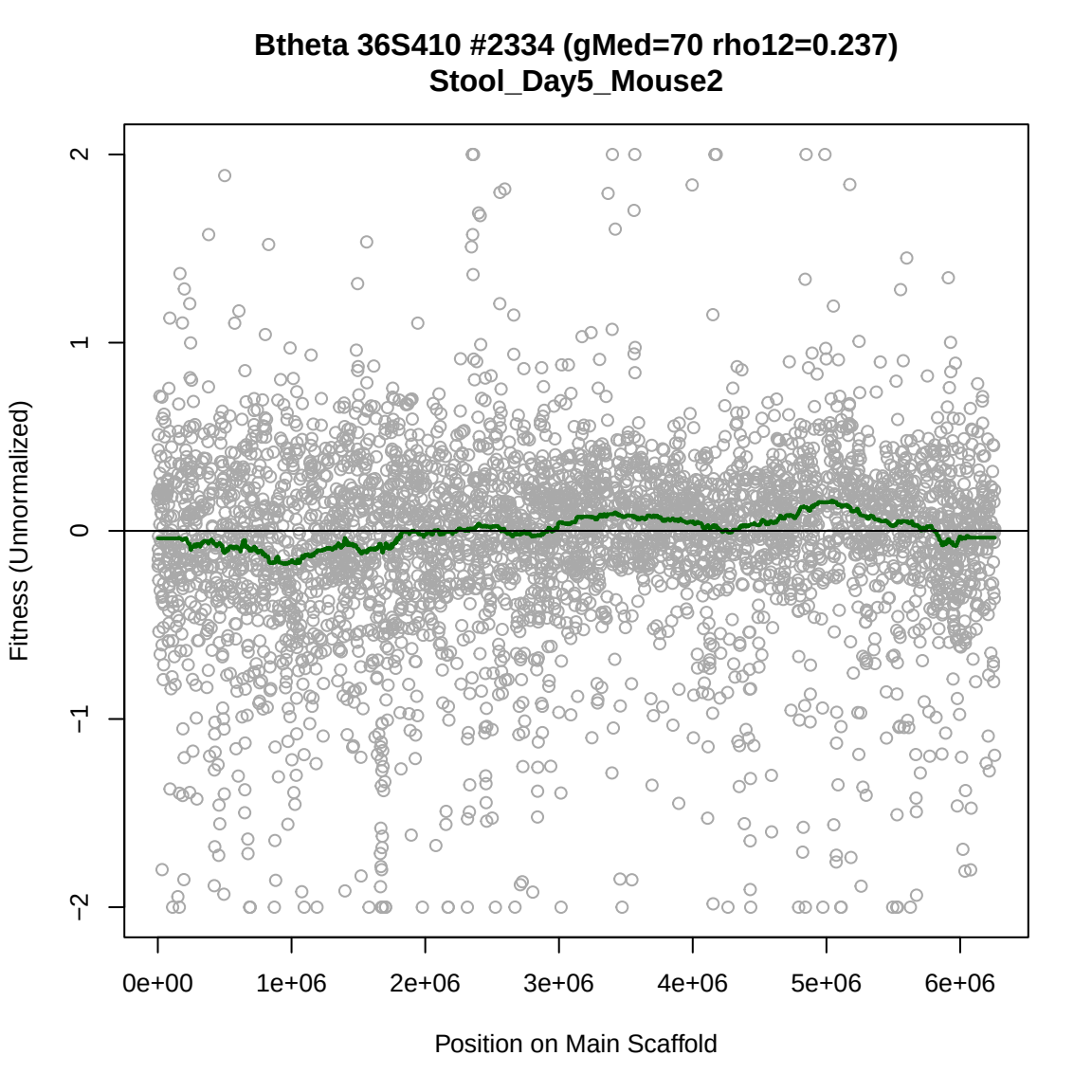

Btheta 36S405 #2329 (gMed=45 rho12=0.243)
Stool_Day4_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

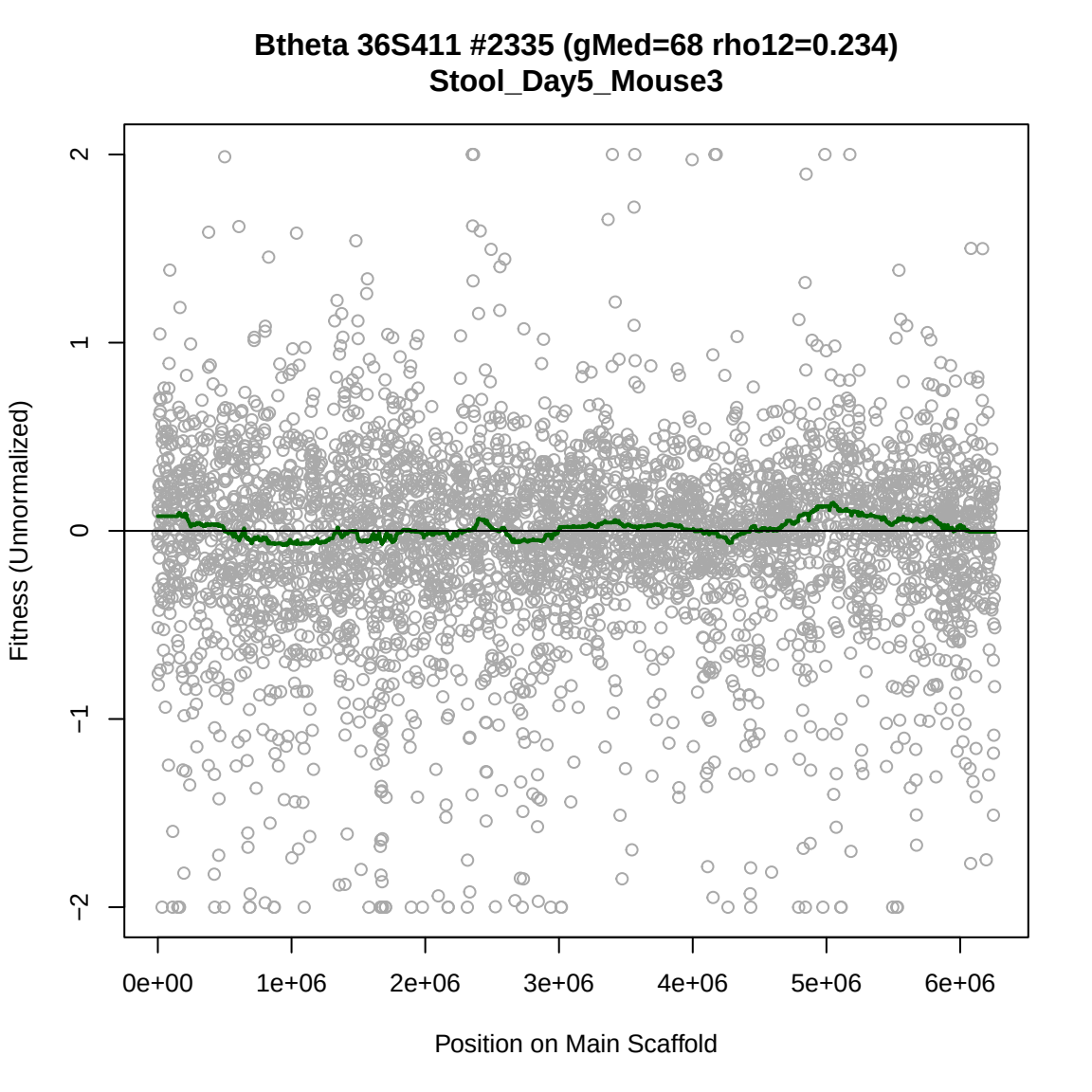

Btheta 36S406 #2330 (gMed=73 rho12=0.236)
Stool_Day4_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

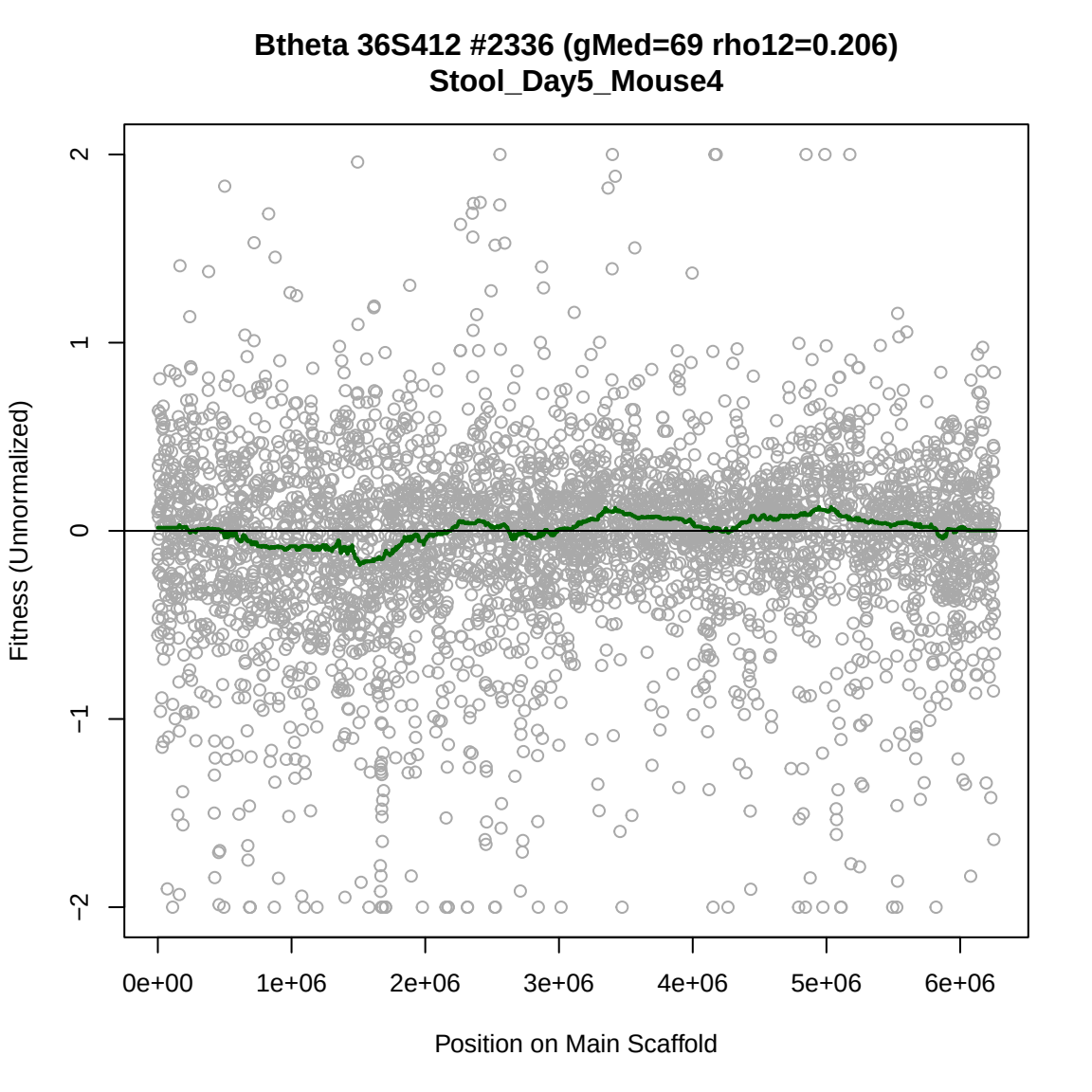

Btheta 36S407 #2331 (gMed=41 rho12=0.194)
Necropsy_stomach_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

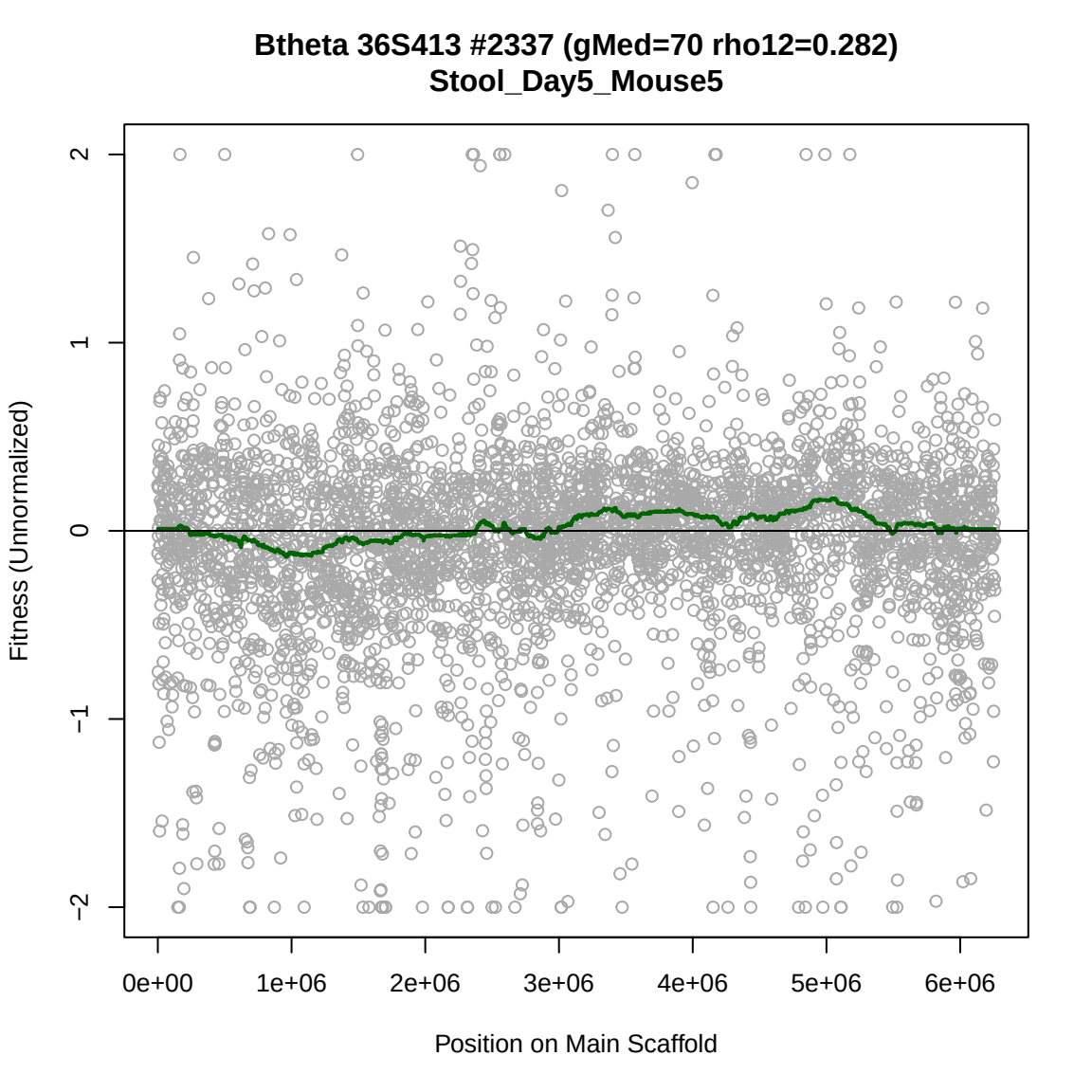

Btheta 36S408 #2332 (gMed=27 rho12=0.149)
Necropsy_stomach_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

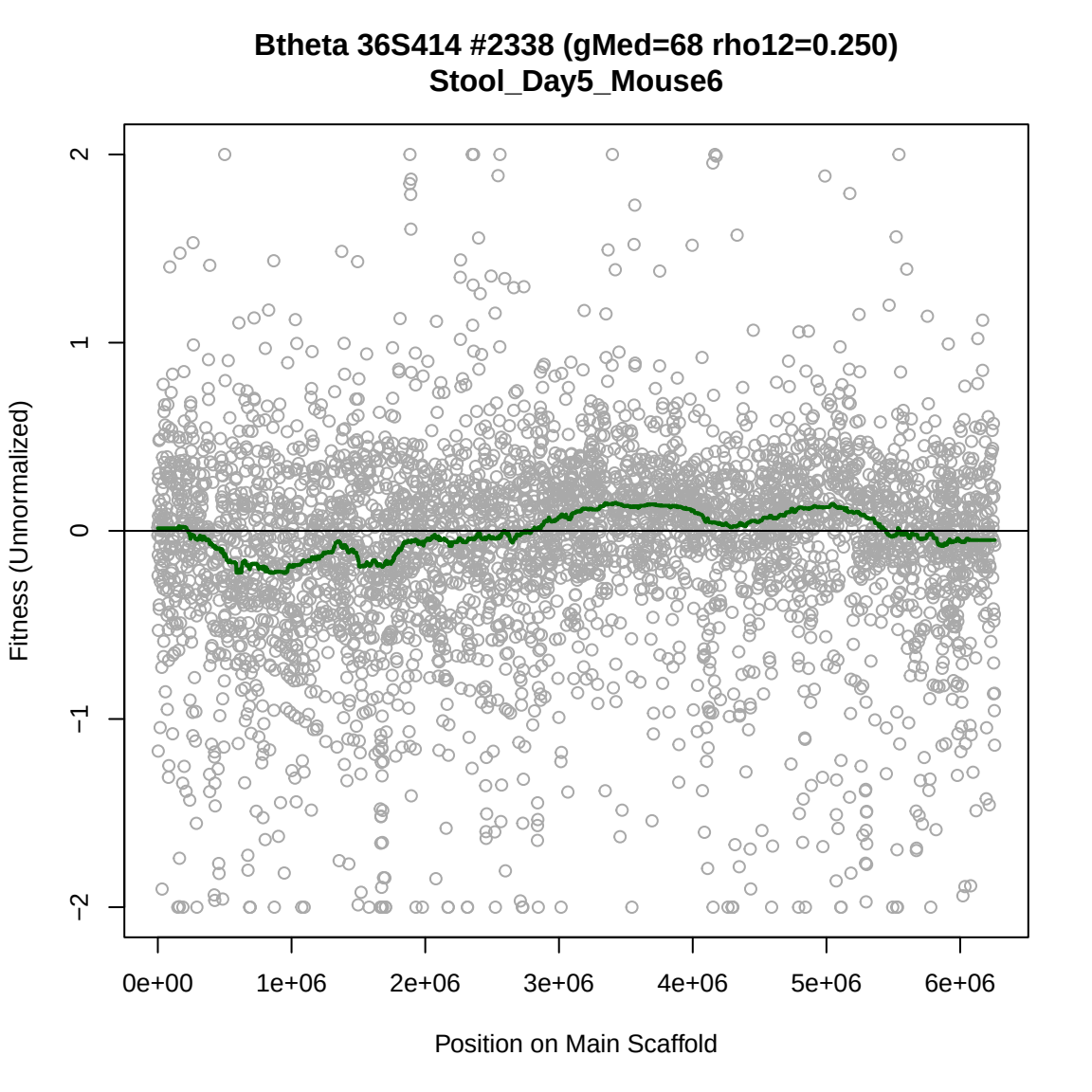

Btheta 36S409 #2333 (gMed=68 rho12=0.231)
Stool_Day5_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

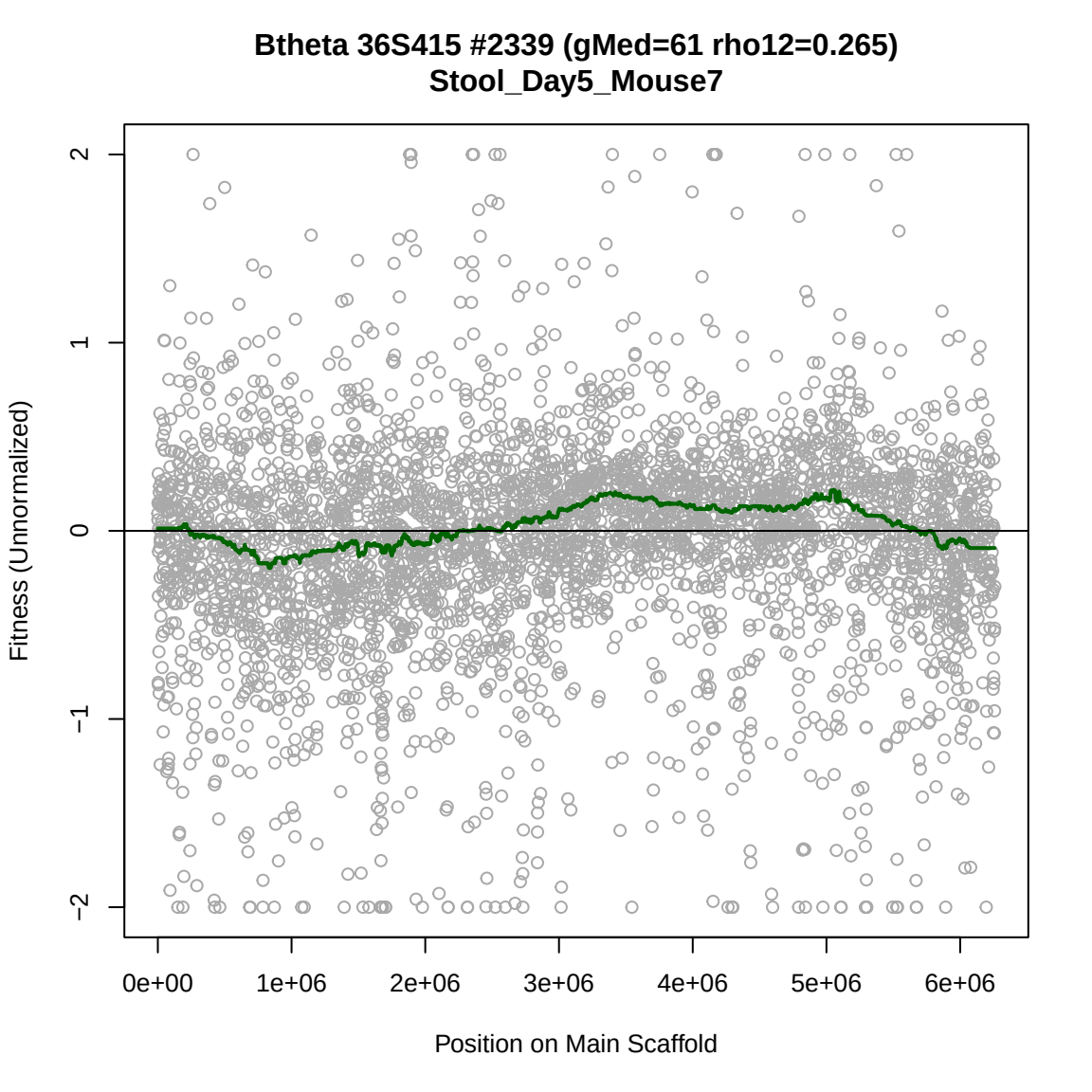

Btheta 36S410 #2334 (gMed=70 rho12=0.237)
Stool_Day5_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

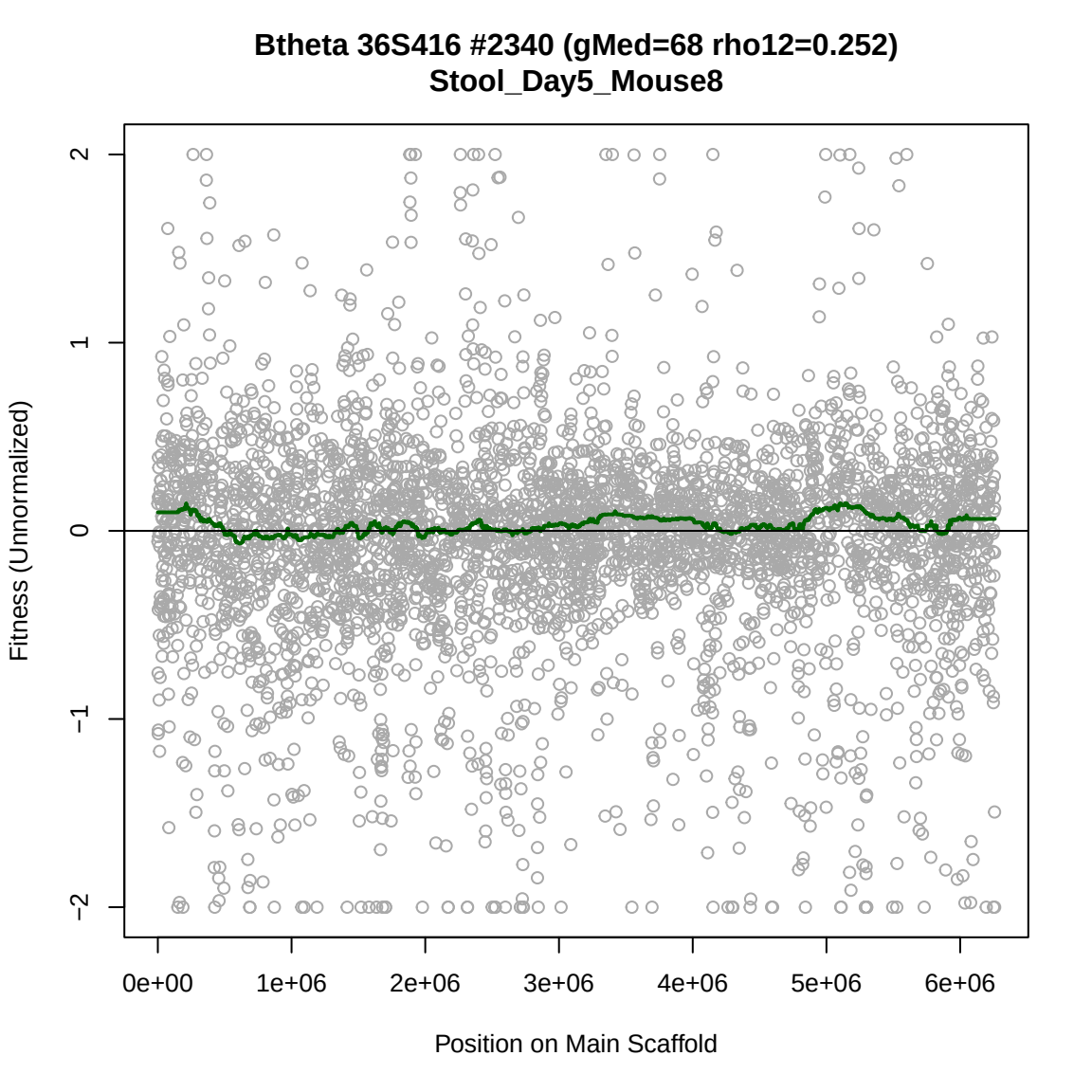

Btheta 36S411 #2335 (gMed=68 rho12=0.234)
Stool_Day5_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

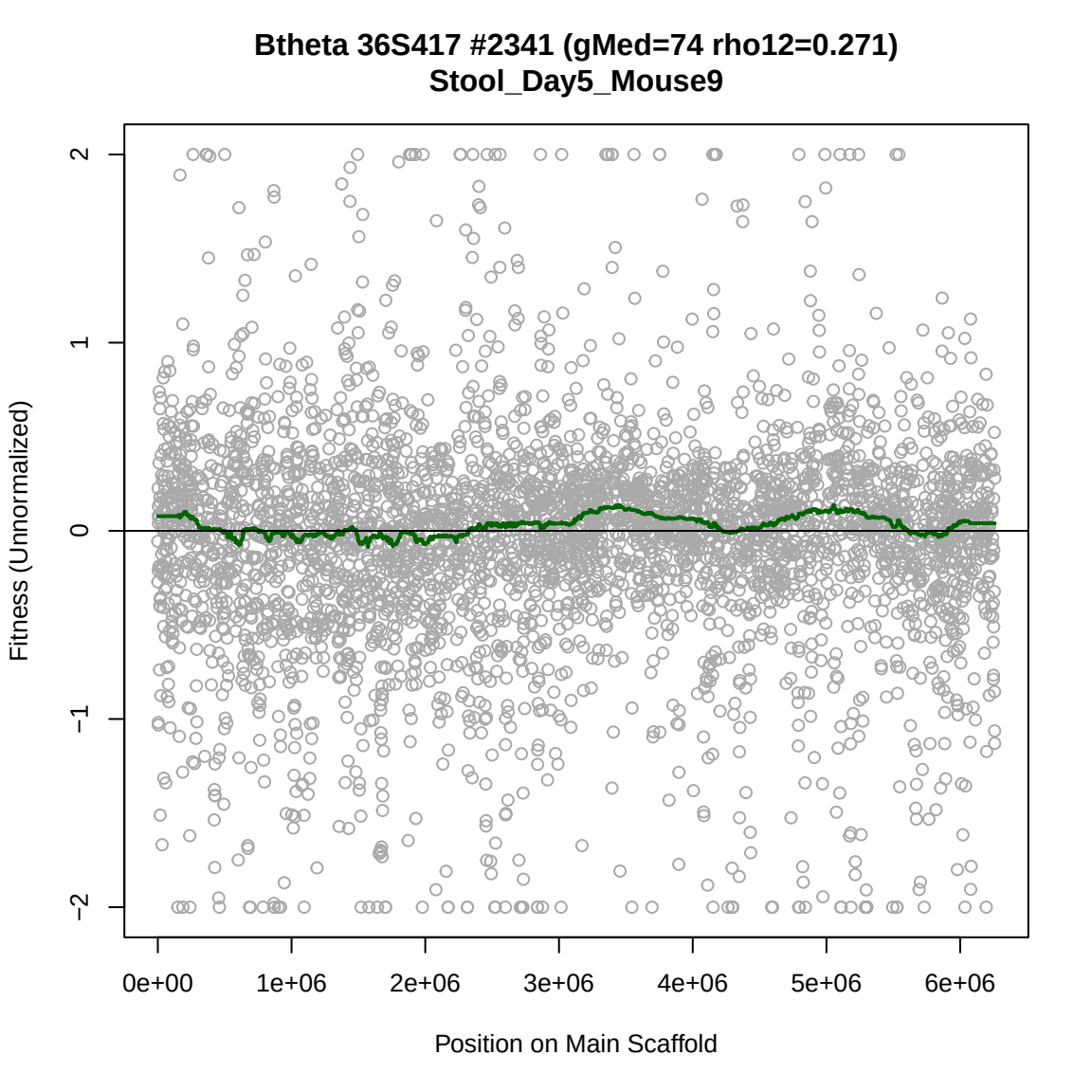

Btheta 36S412 #2336 (gMed=69 rho12=0.206)
Stool_Day5_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

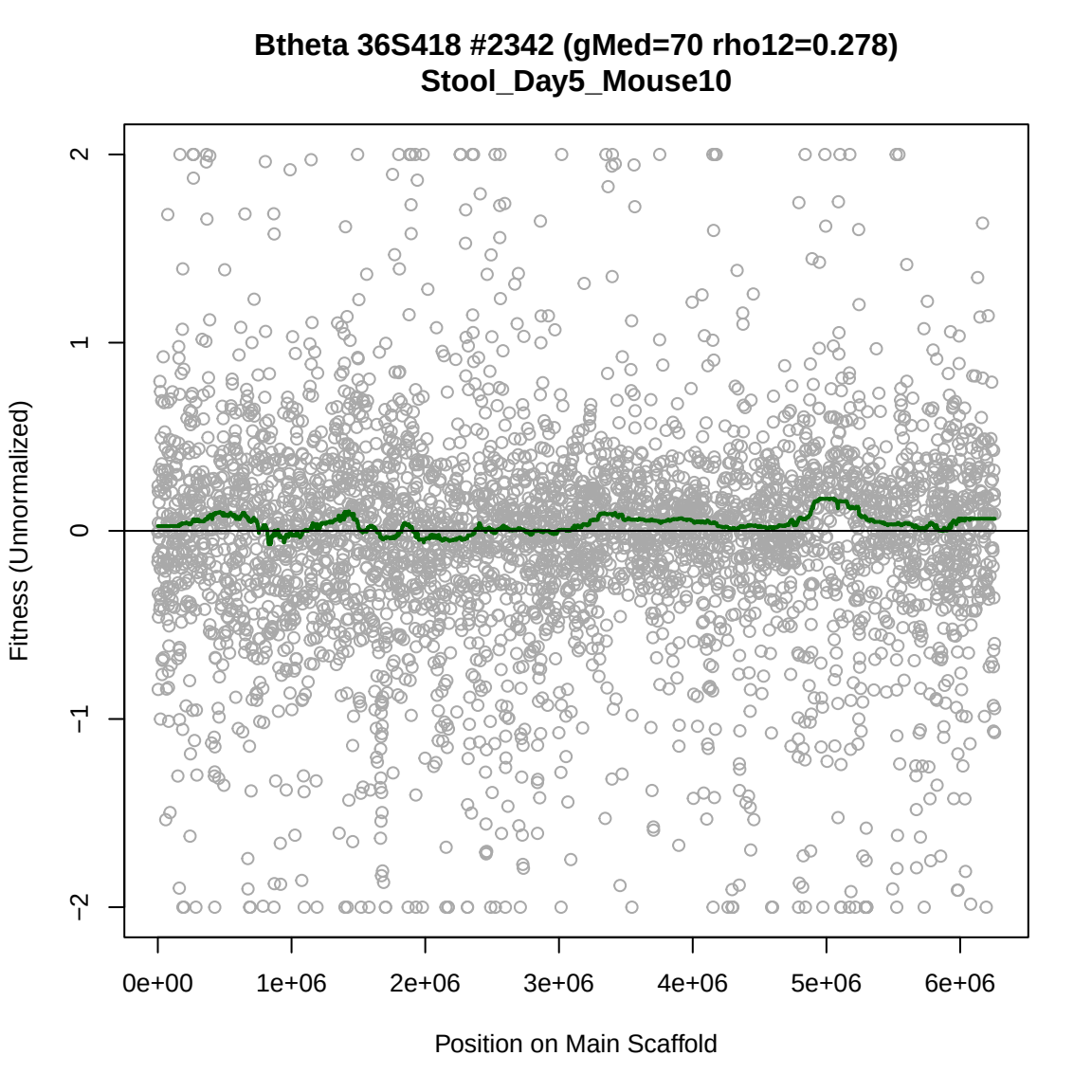

Btheta 36S413 #2337 (gMed=70 rho12=0.282)
Stool_Day5_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

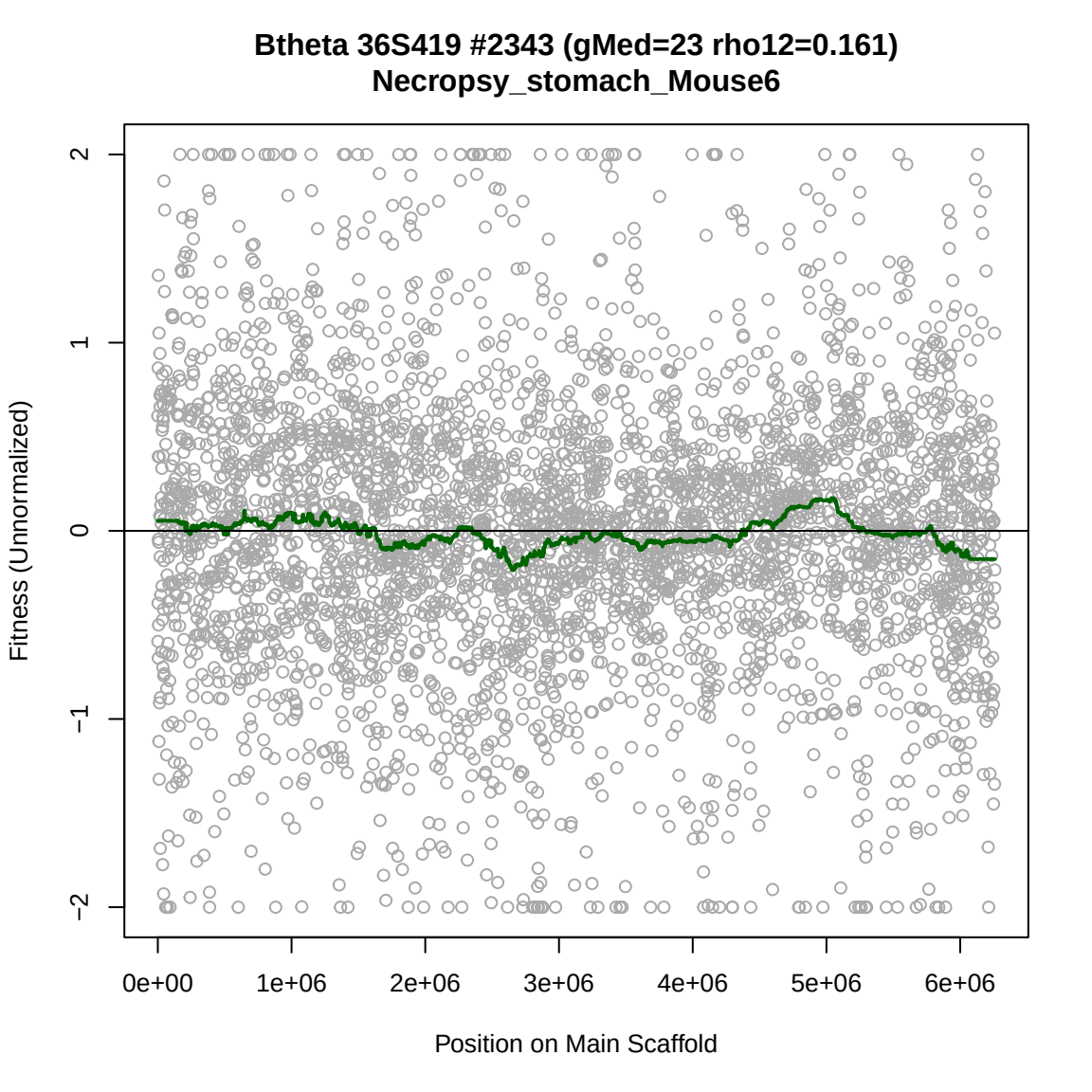

Btheta 36S414 #2338 (gMed=68 rho12=0.250)
Stool_Day5_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

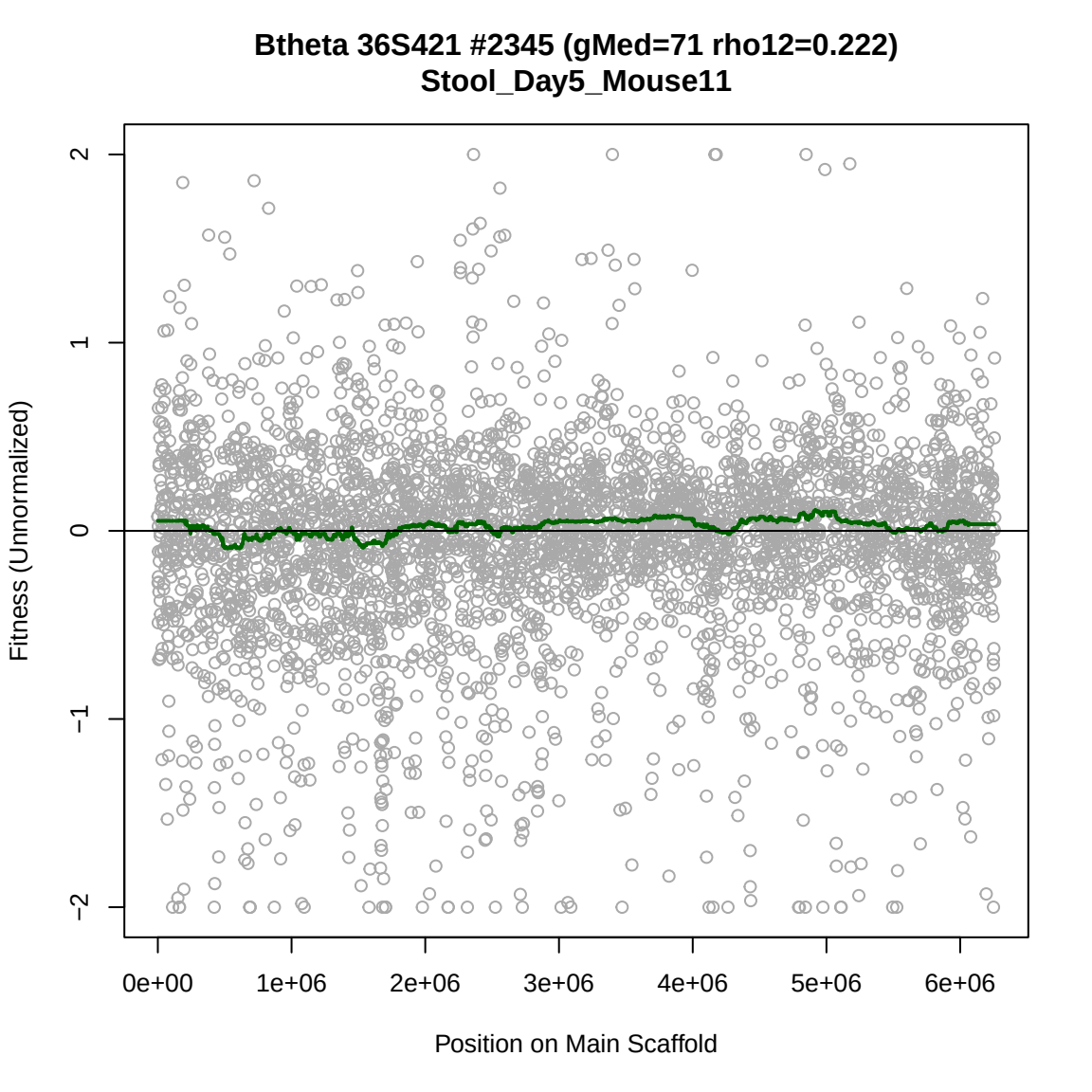

Btheta 36S415 #2339 (gMed=61 rho12=0.265)
Stool_Day5_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

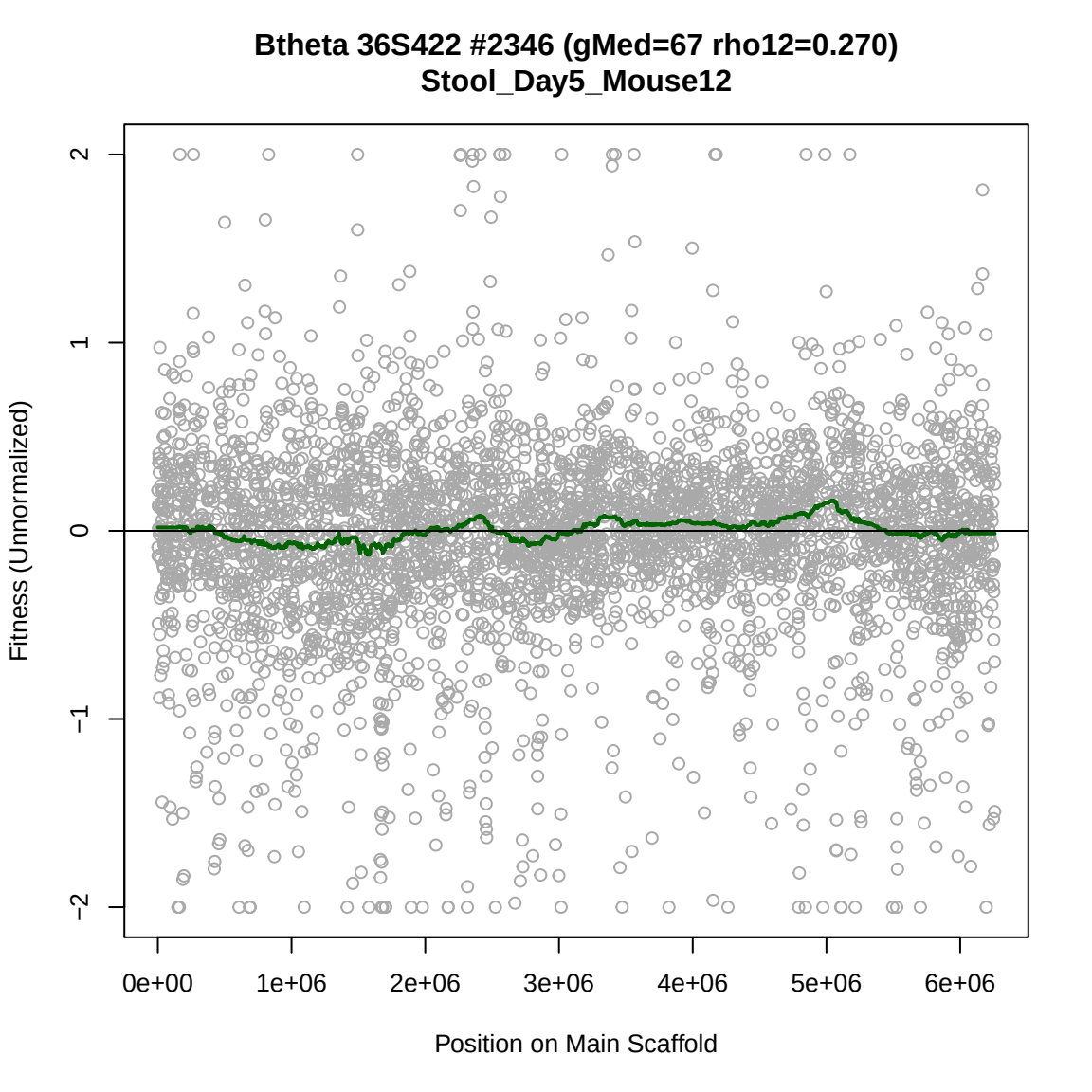

Btheta 36S416 #2340 (gMed=68 rho12=0.252)
Stool_Day5_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

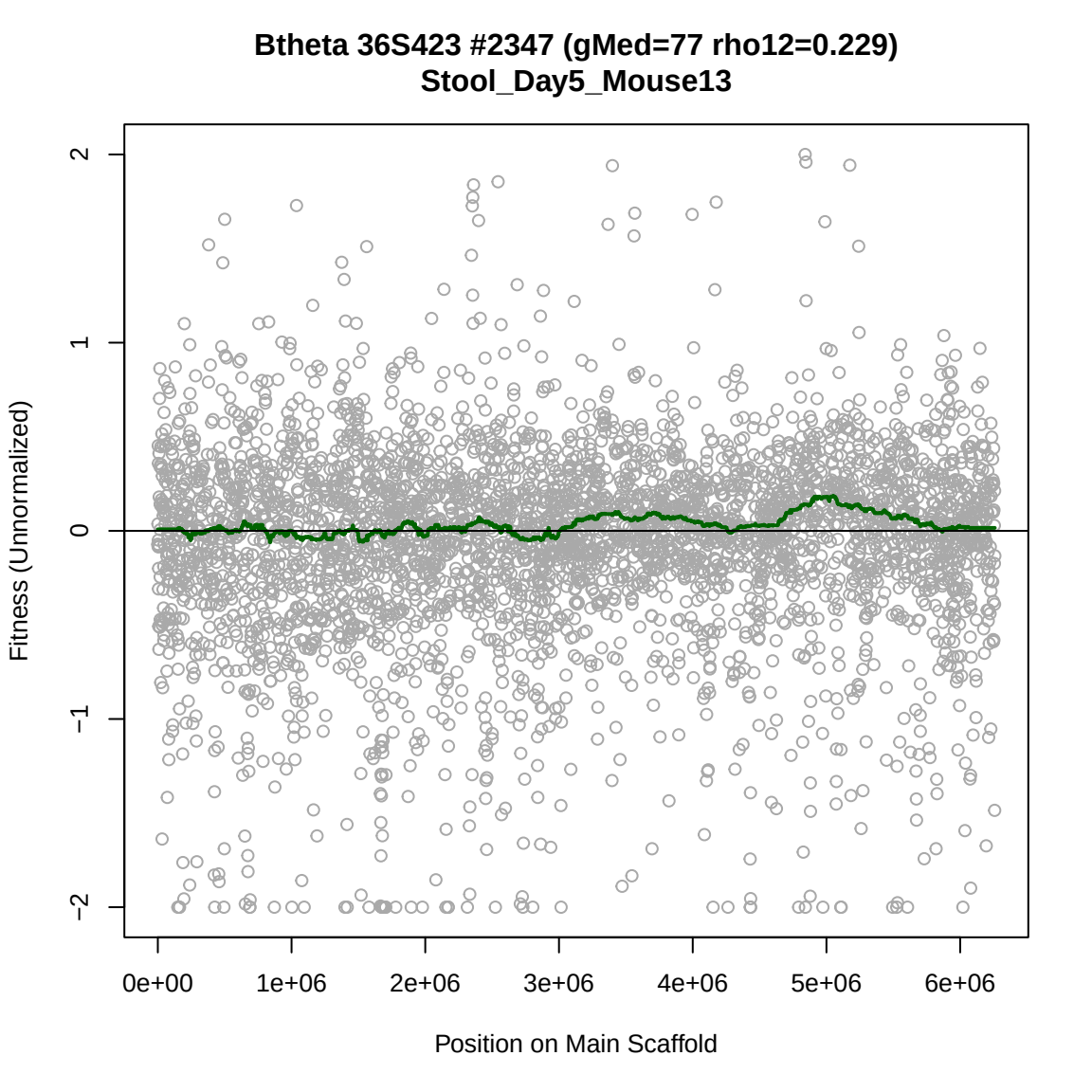

Btheta 36S417 #2341 (gMed=74 rho12=0.271)
Stool_Day5_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

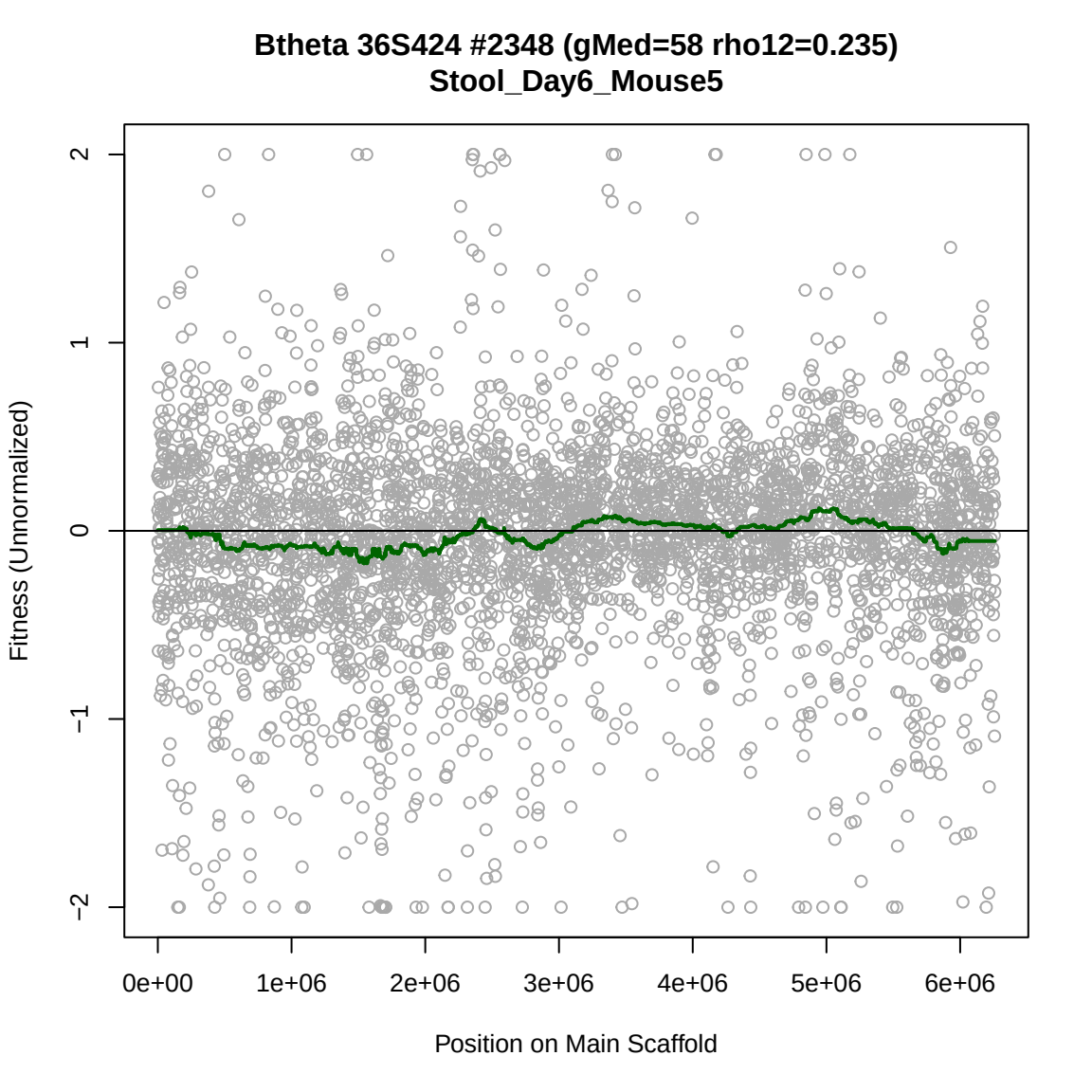

Btheta 36S418 #2342 (gMed=70 rho12=0.278)
Stool_Day5_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

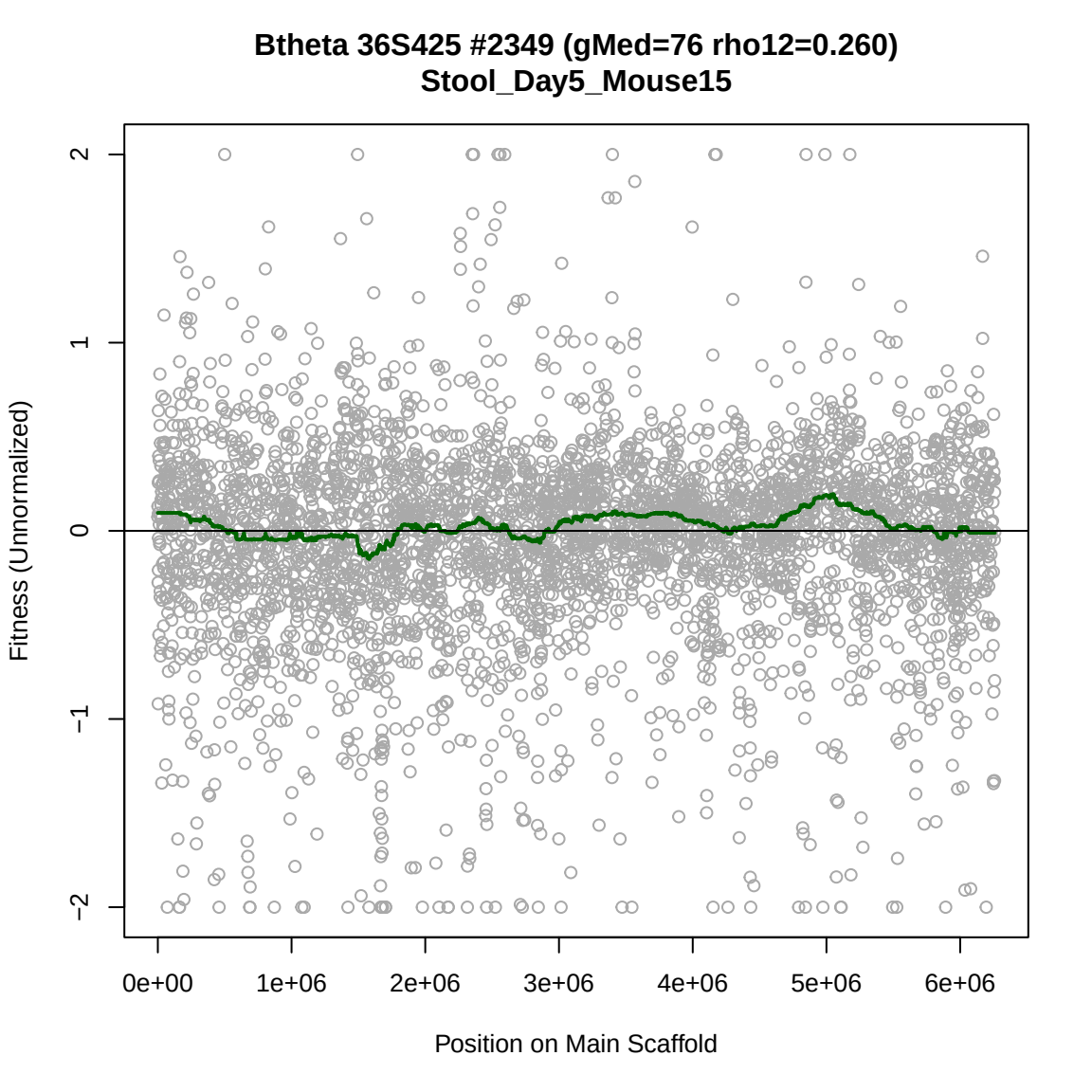

Btheta 36S419 #2343 (gMed=23 rho12=0.161)
Necropsy_stomach_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

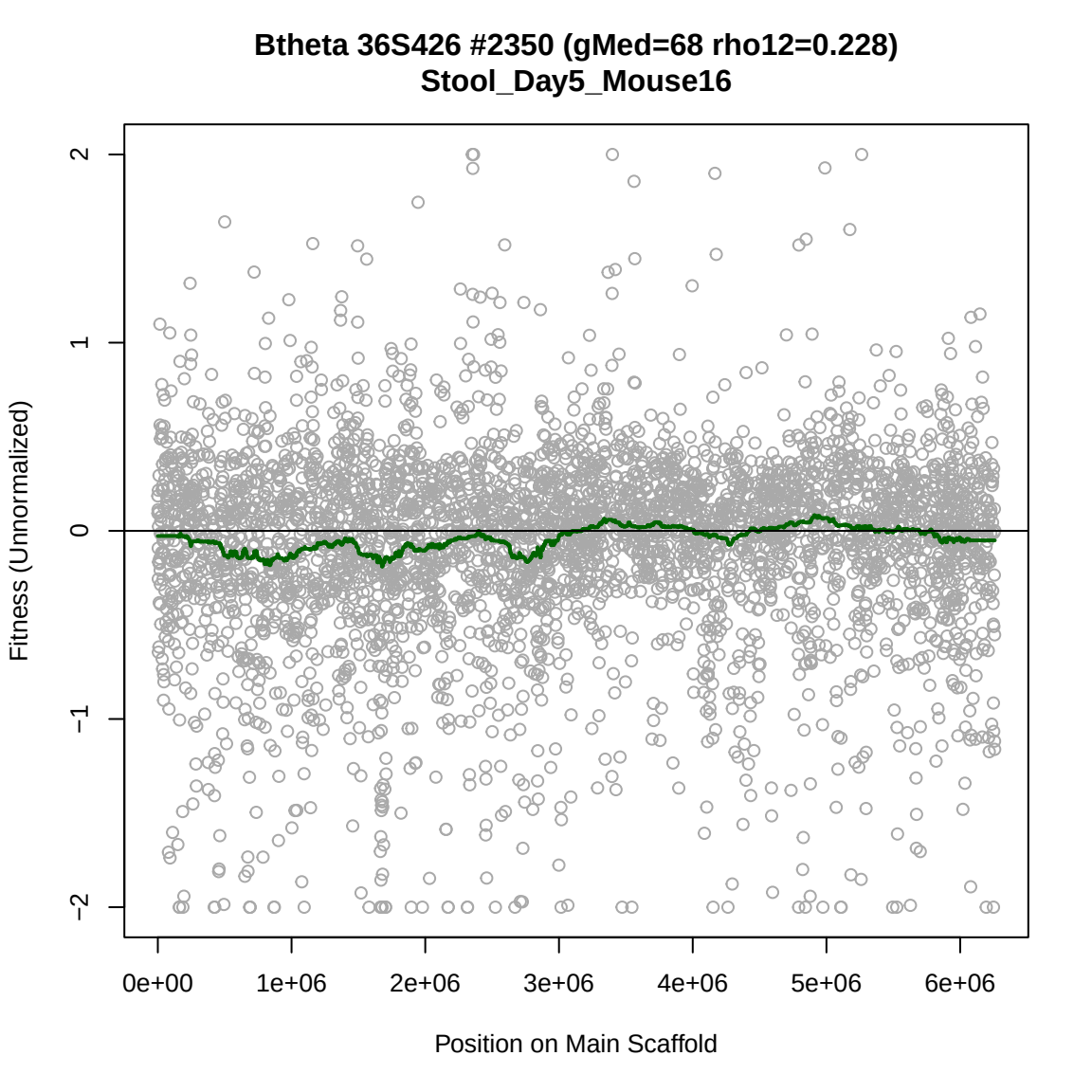

Btheta 36S421 #2345 (gMed=71 rho12=0.222)
Stool_Day5_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

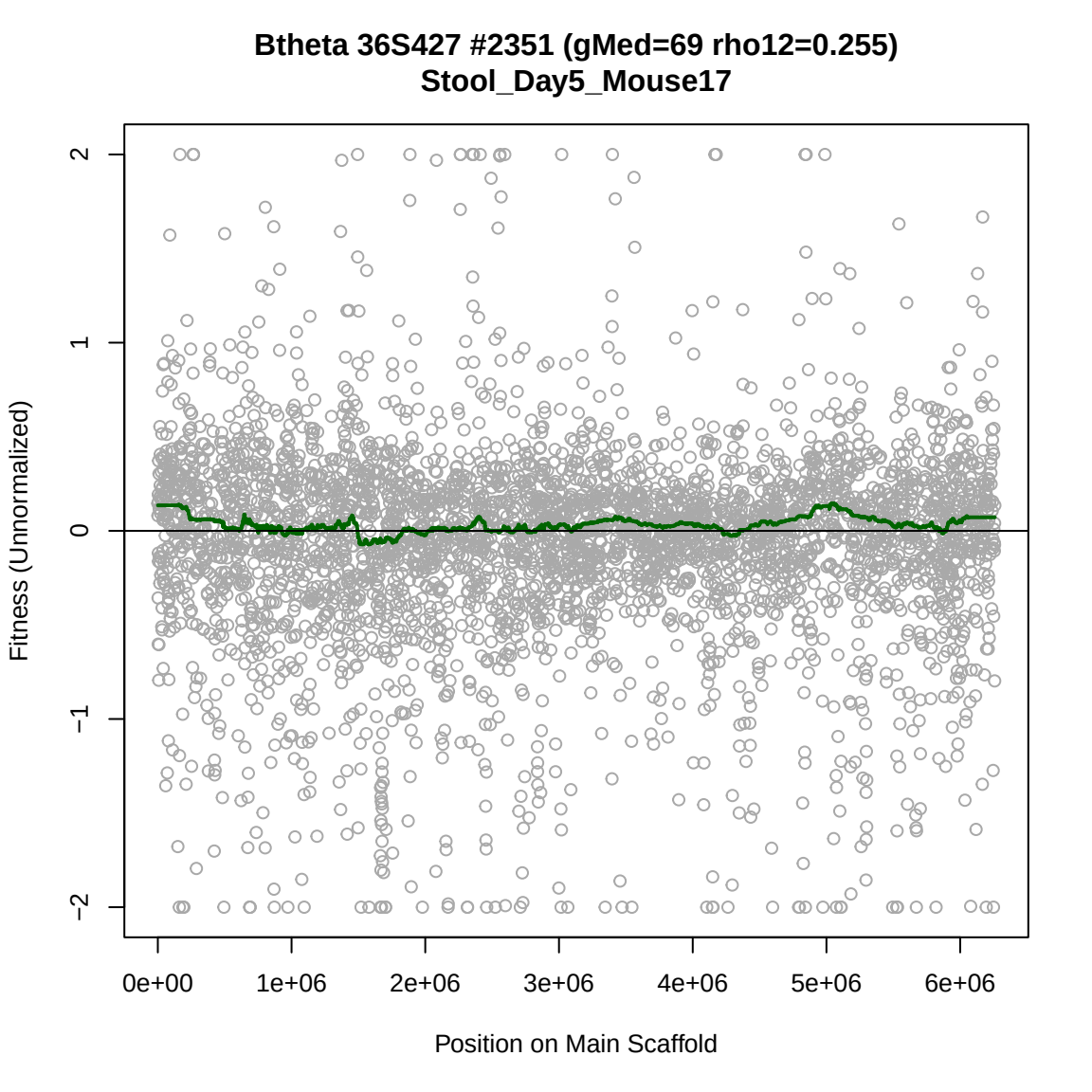

Btheta 36S422 #2346 (gMed=67 rho12=0.270)
Stool_Day5_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

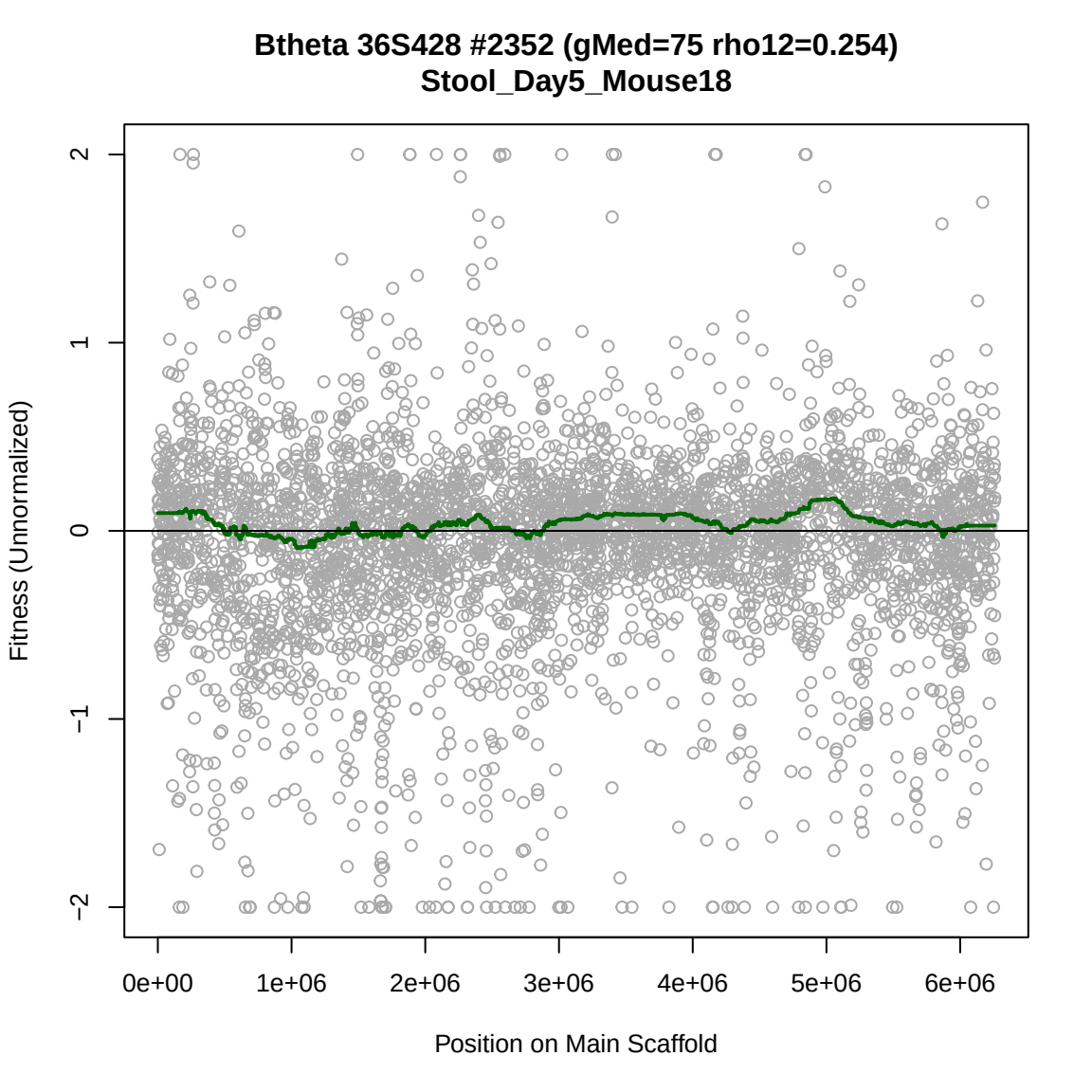

Btheta 36S423 #2347 (gMed=77 rho12=0.229)
Stool_Day5_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

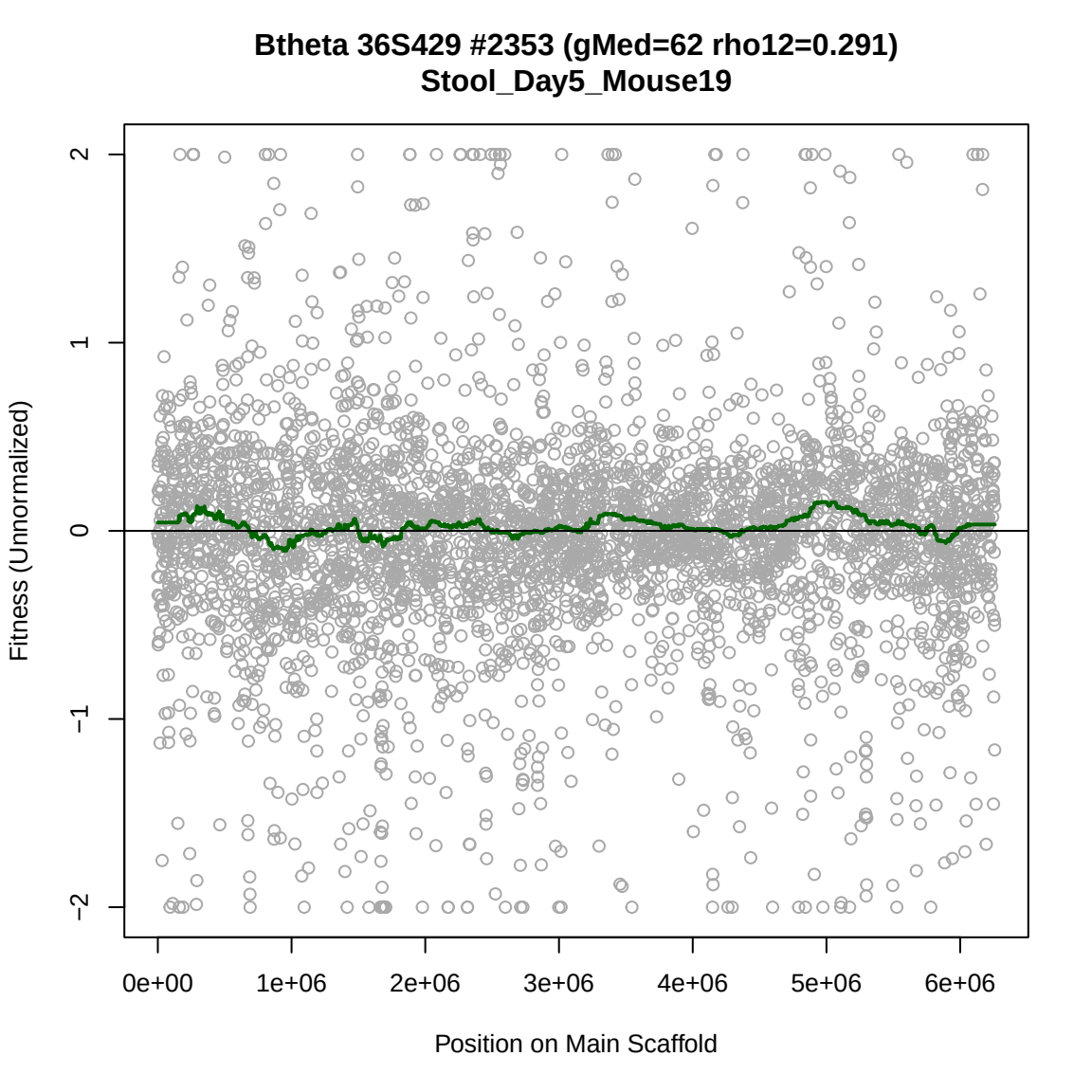

Btheta 36S424 #2348 (gMed=58 rho12=0.235)
Stool_Day6_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

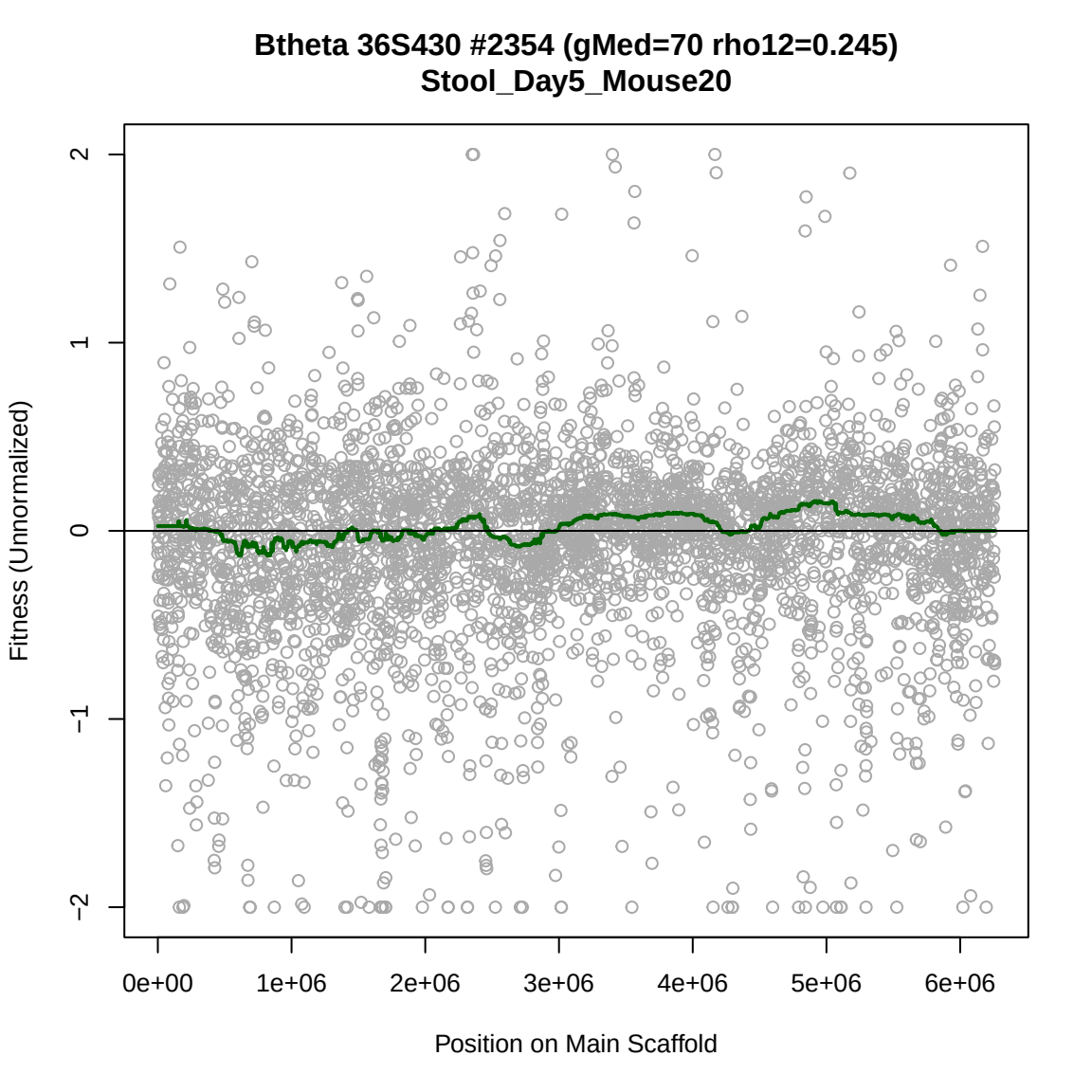

Btheta 36S425 #2349 (gMed=76 rho12=0.260)
Stool_Day5_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

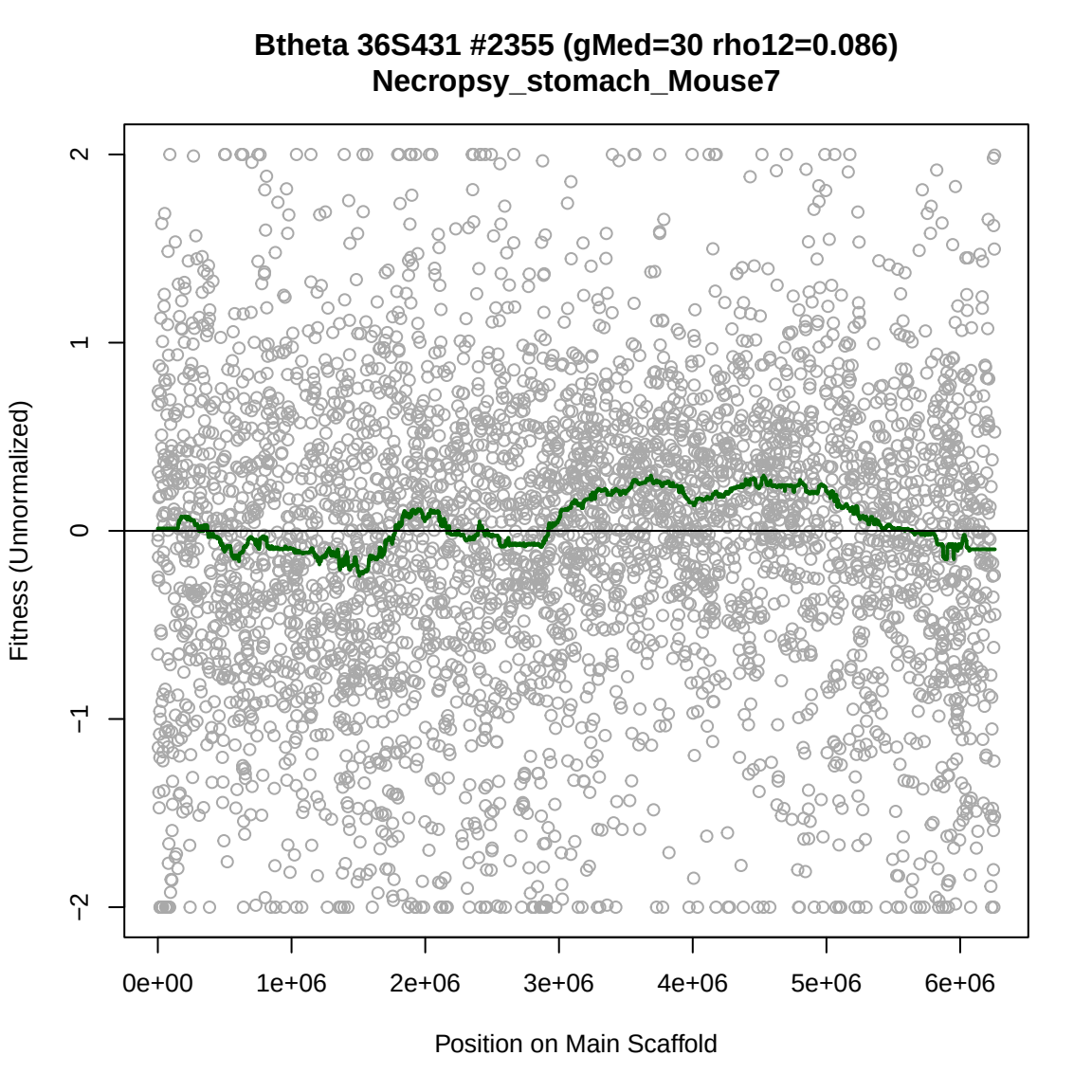

Btheta 36S426 #2350 (gMed=68 rho12=0.228)
Stool_Day5_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

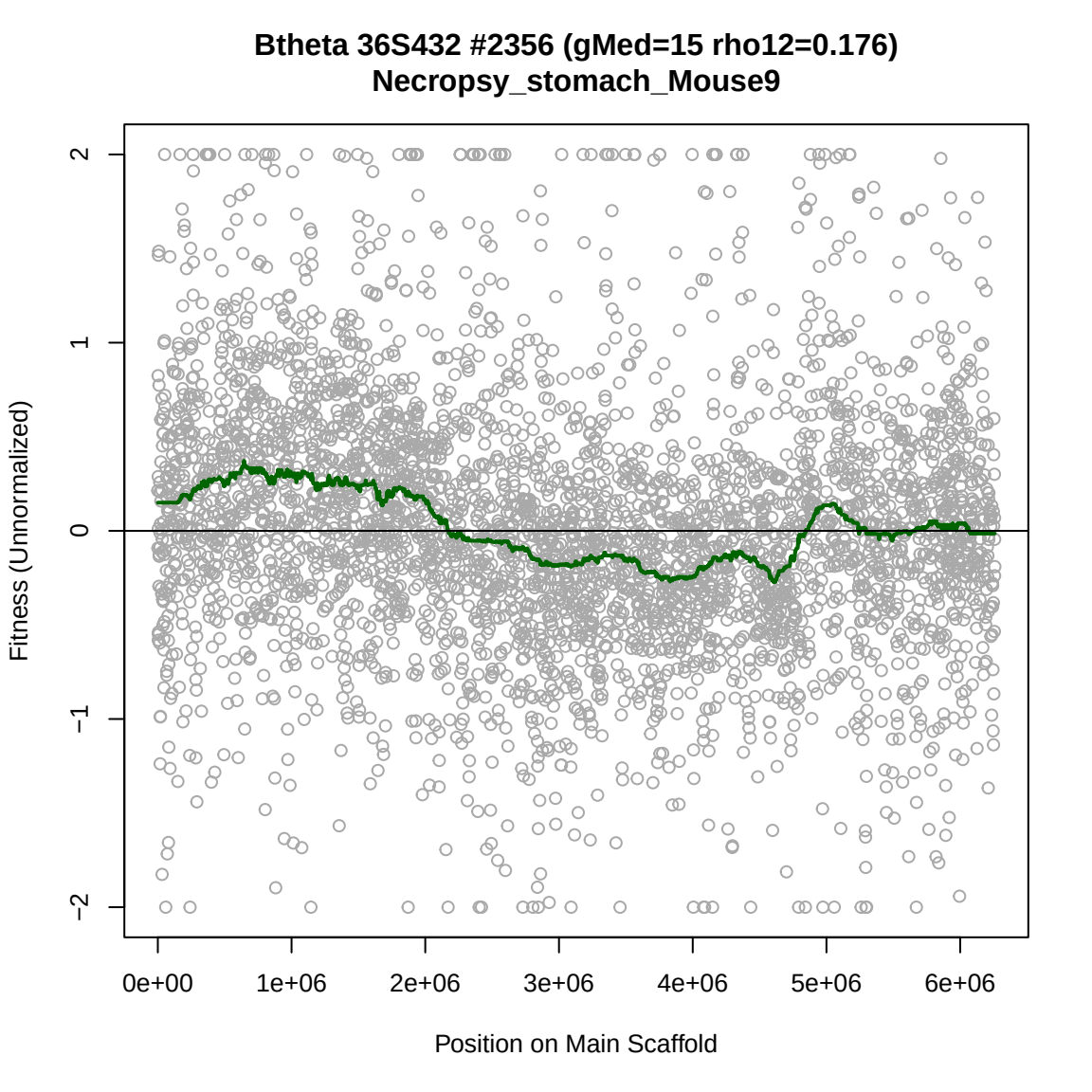

Btheta 36S427 #2351 (gMed=69 rho12=0.255)
Stool_Day5_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

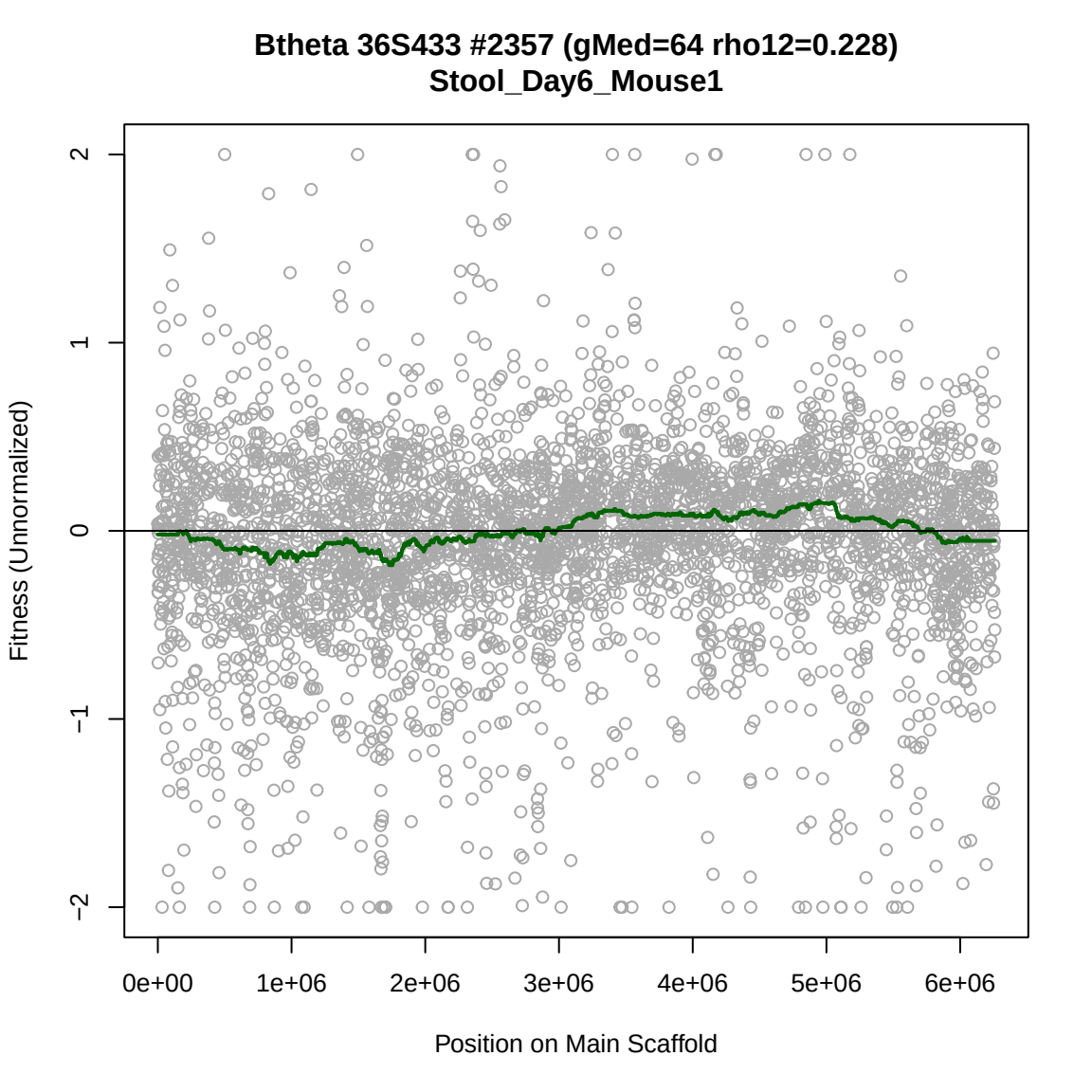

Btheta 36S428 #2352 (gMed=75 rho12=0.254)
Stool_Day5_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

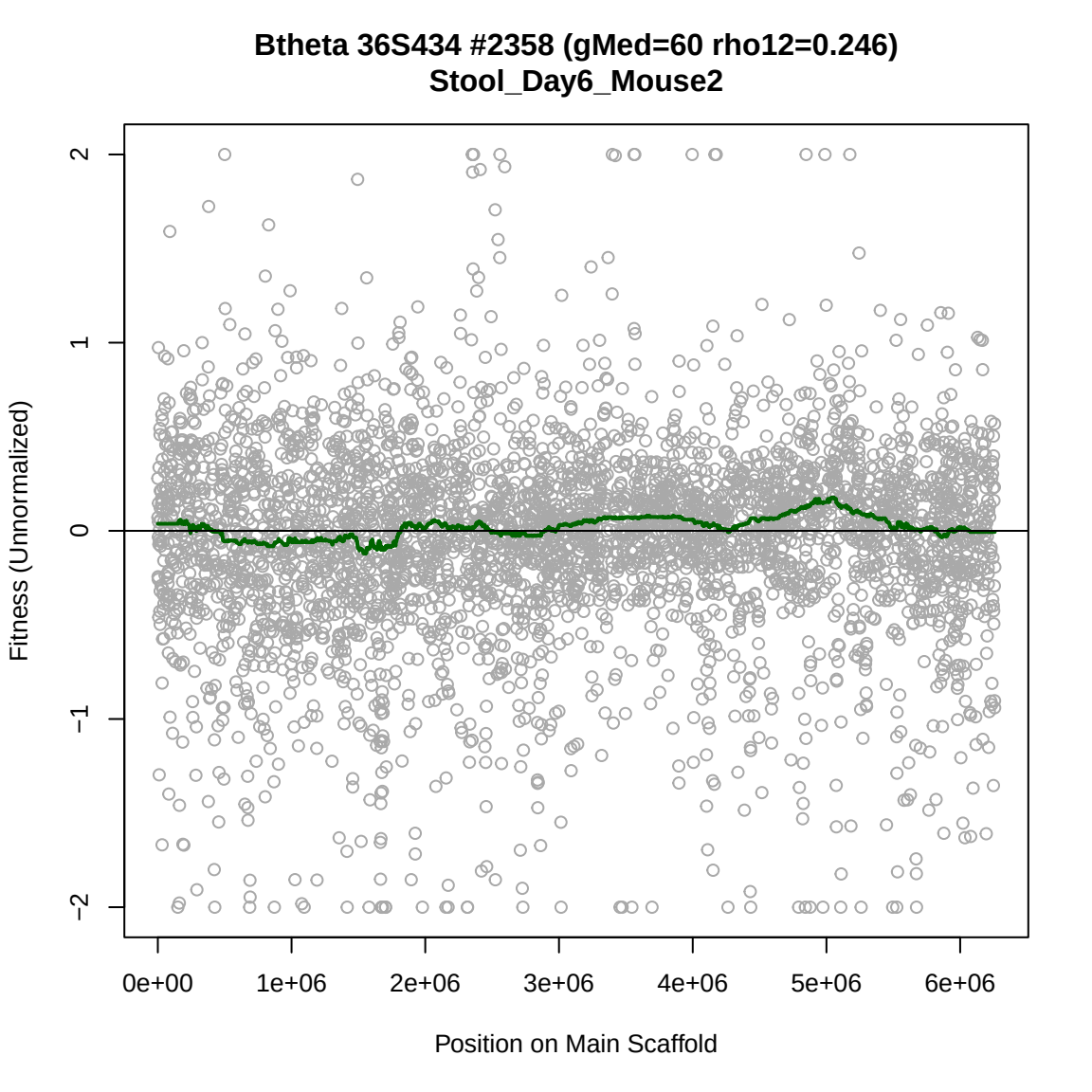

Btheta 36S429 #2353 (gMed=62 rho12=0.291)
Stool_Day5_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

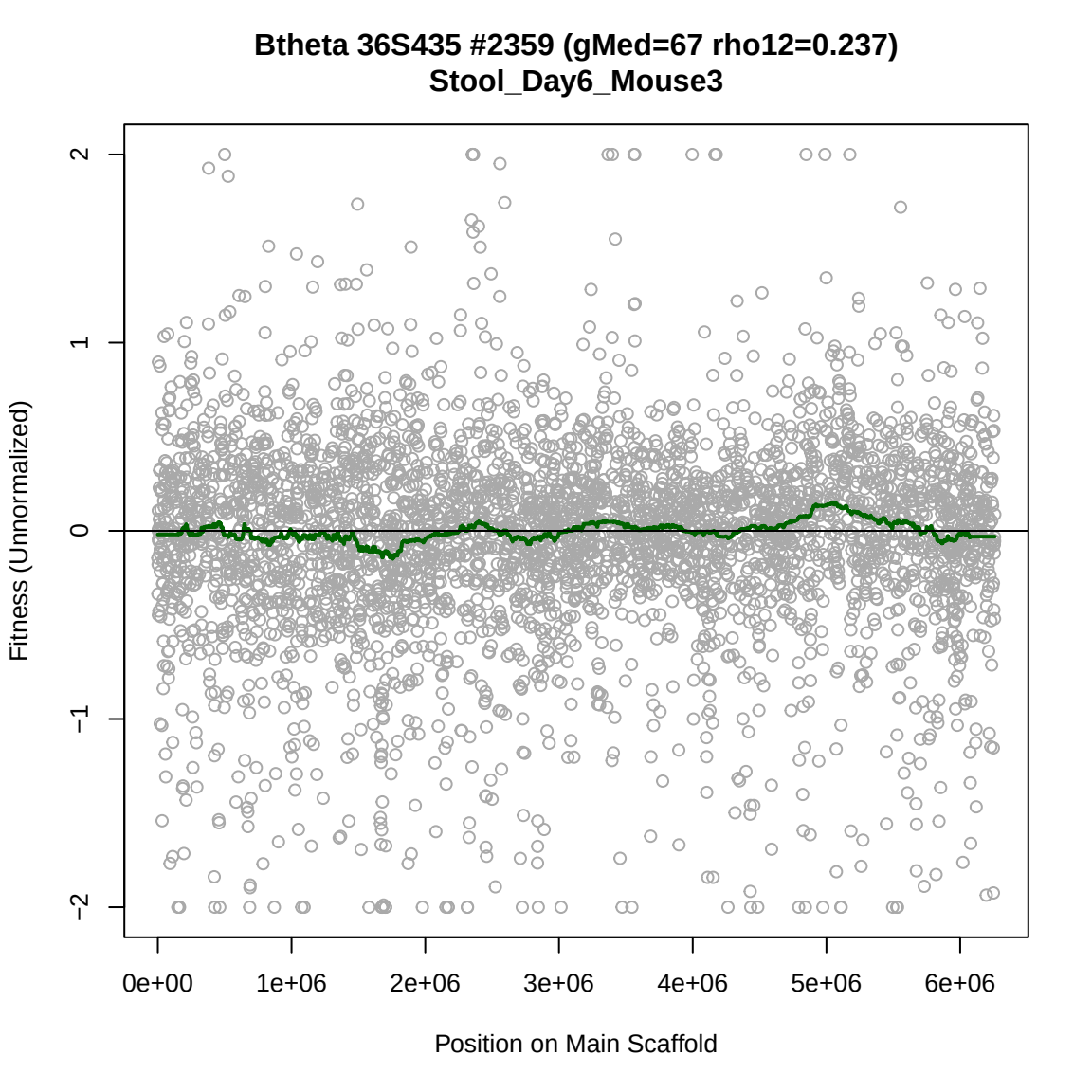

Btheta 36S430 #2354 (gMed=70 rho12=0.245)
Stool_Day5_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

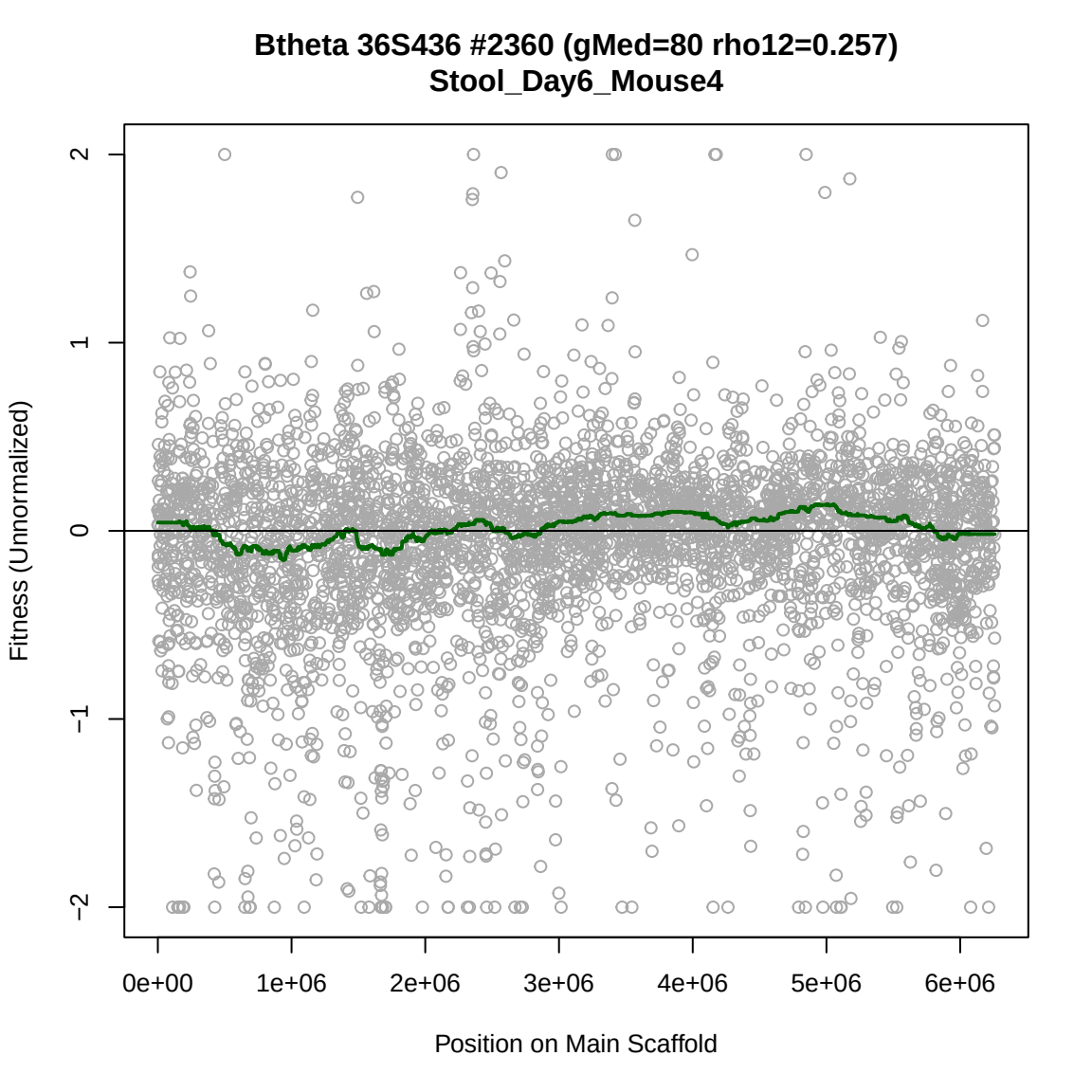

Btheta 36S431 #2355 (gMed=30 rho12=0.086)
Necropsy_stomach_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

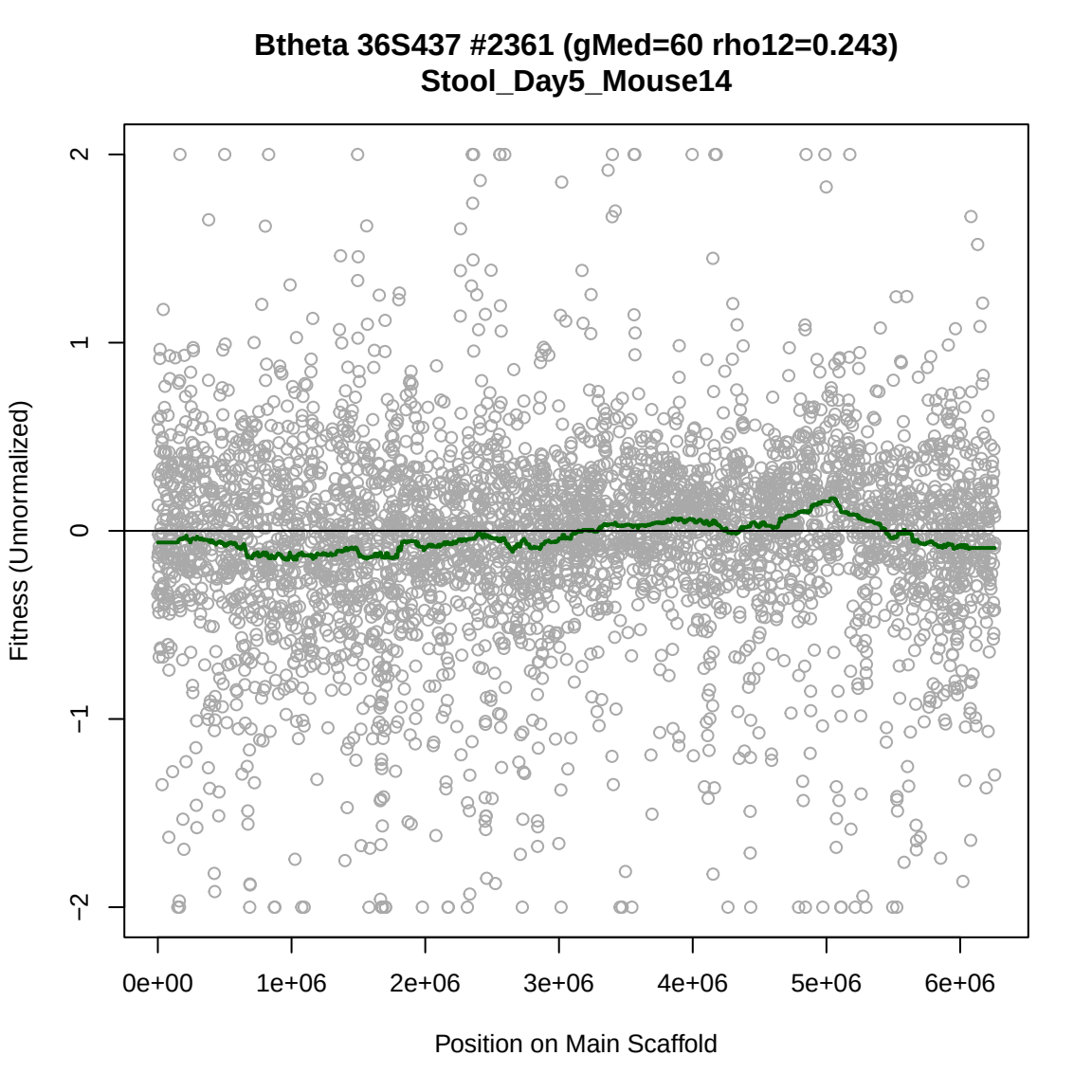

Btheta 36S432 #2356 (gMed=15 rho12=0.176)
Necropsy_stomach_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

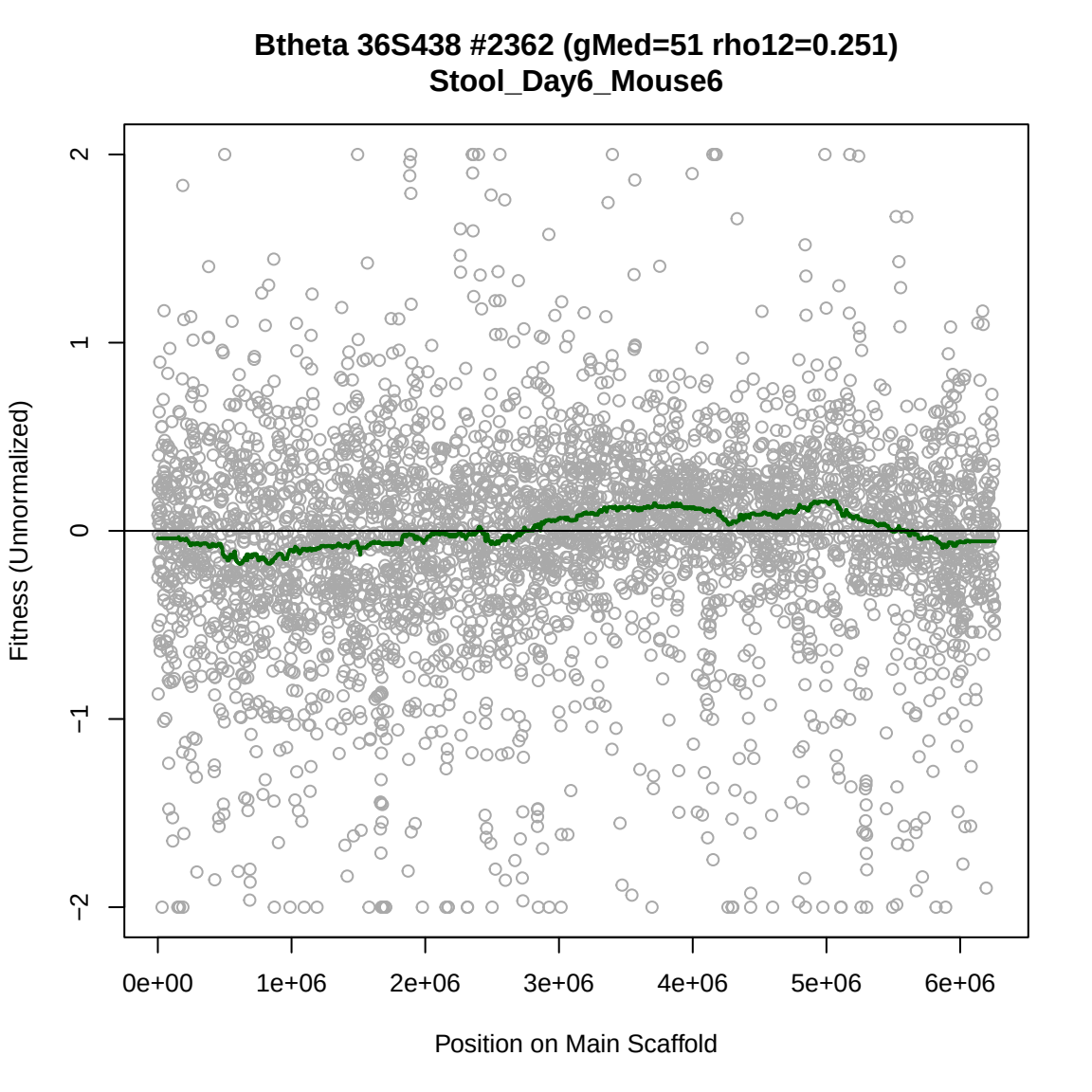

Btheta 36S433 #2357 (gMed=64 rho12=0.228)
Stool_Day6_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

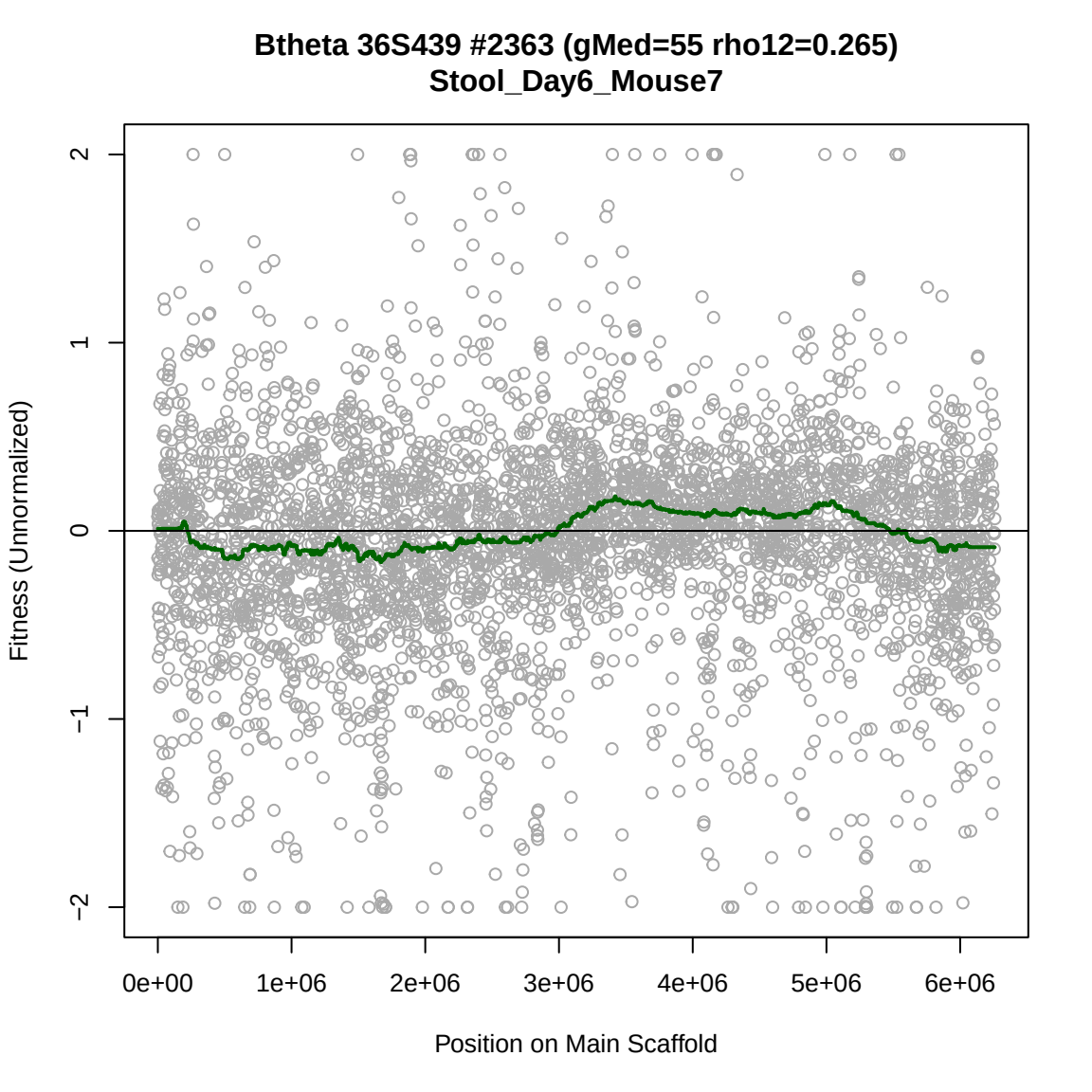

Btheta 36S434 #2358 (gMed=60 rho12=0.246)
Stool_Day6_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

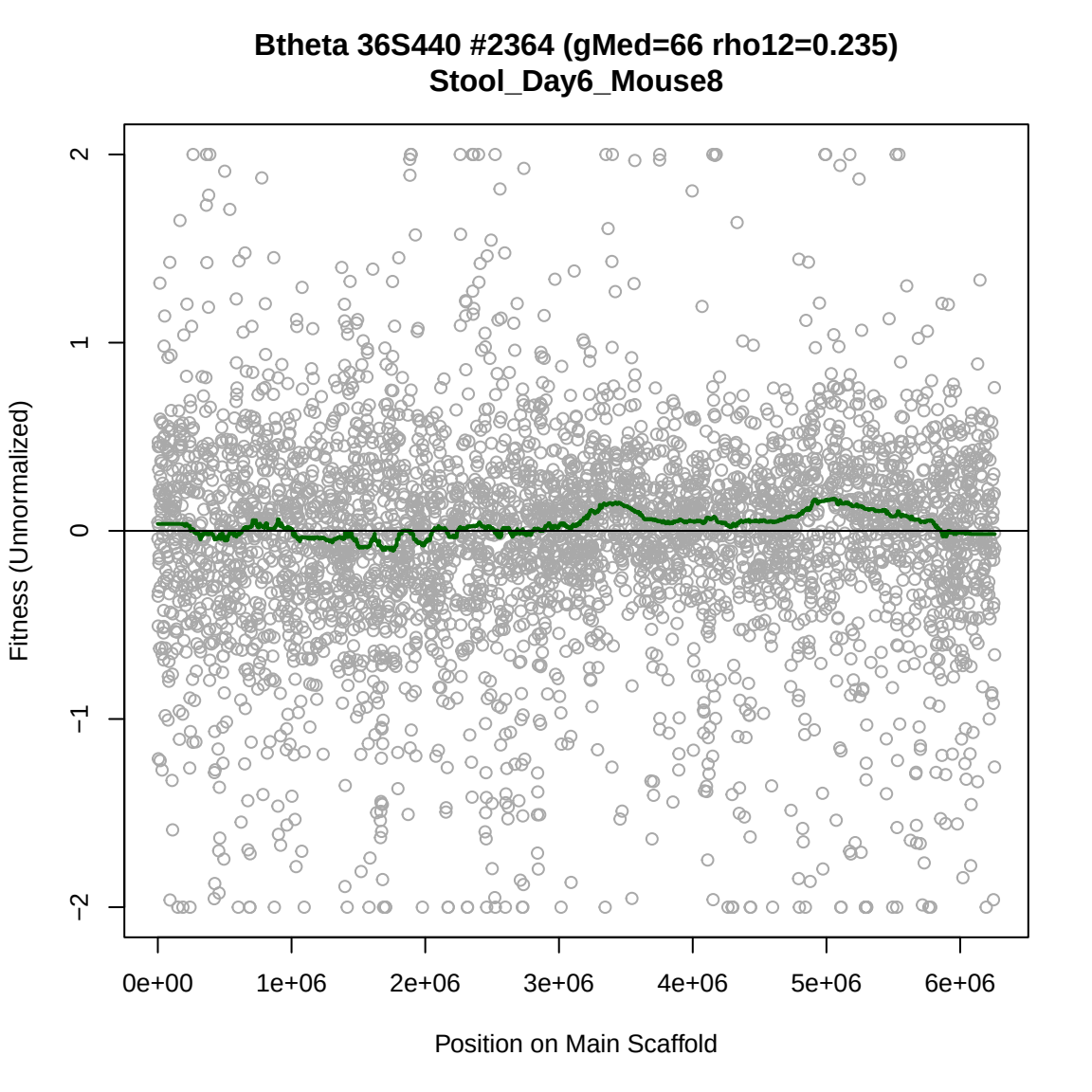

Btheta 36S435 #2359 (gMed=67 rho12=0.237)
Stool_Day6_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

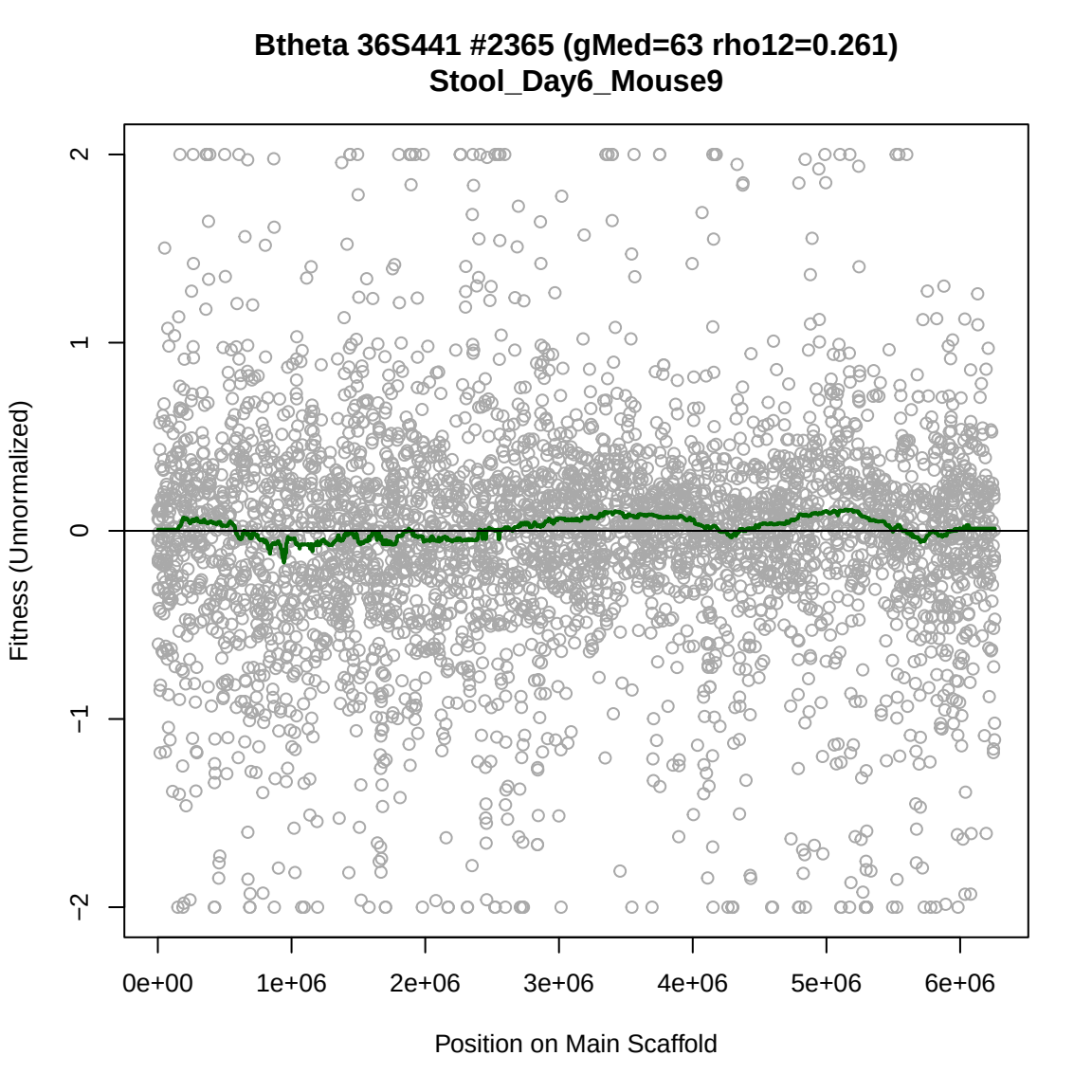

Btheta 36S436 #2360 (gMed=80 rho12=0.257)
Stool_Day6_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

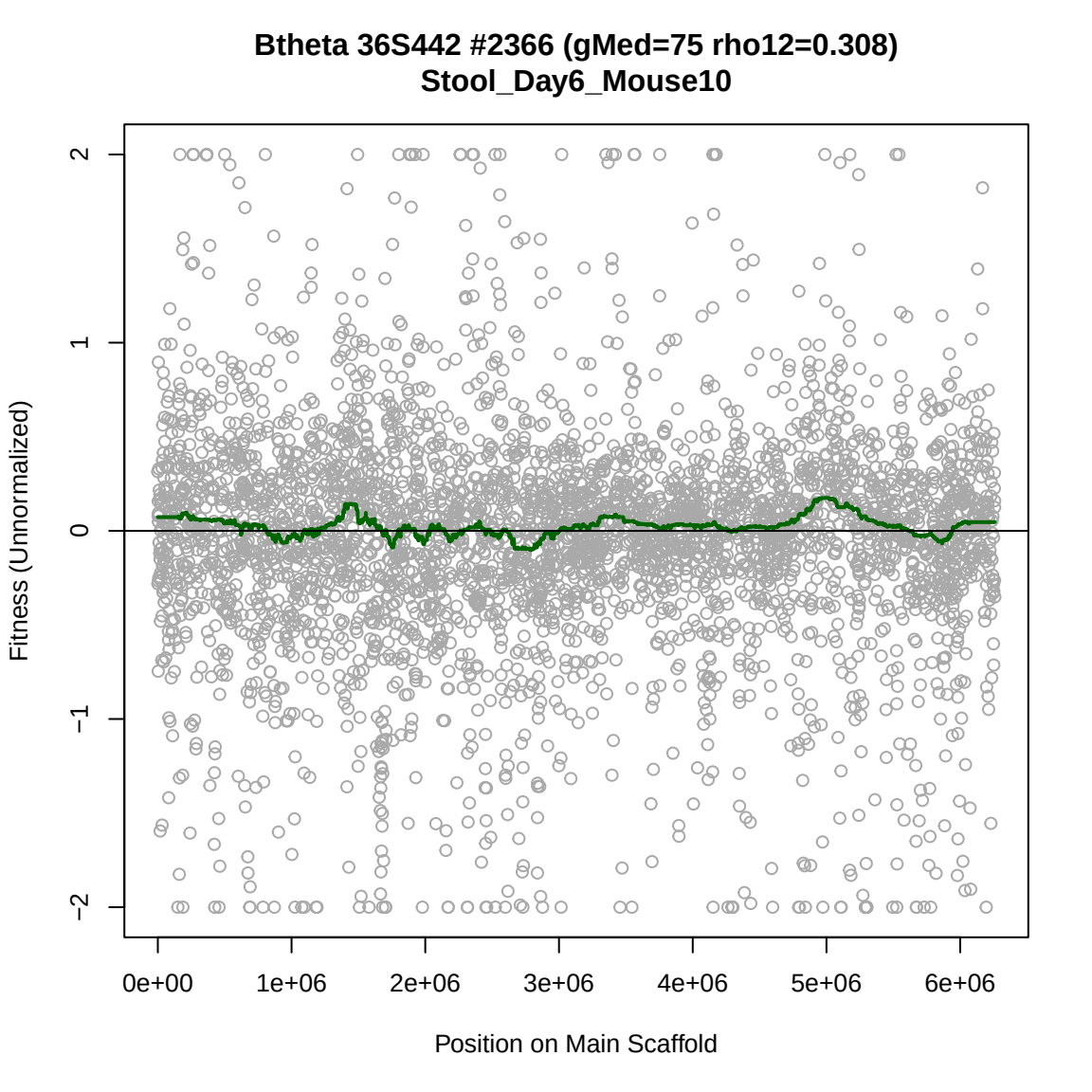

Btheta 36S437 #2361 (gMed=60 rho12=0.243)
Stool_Day5_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

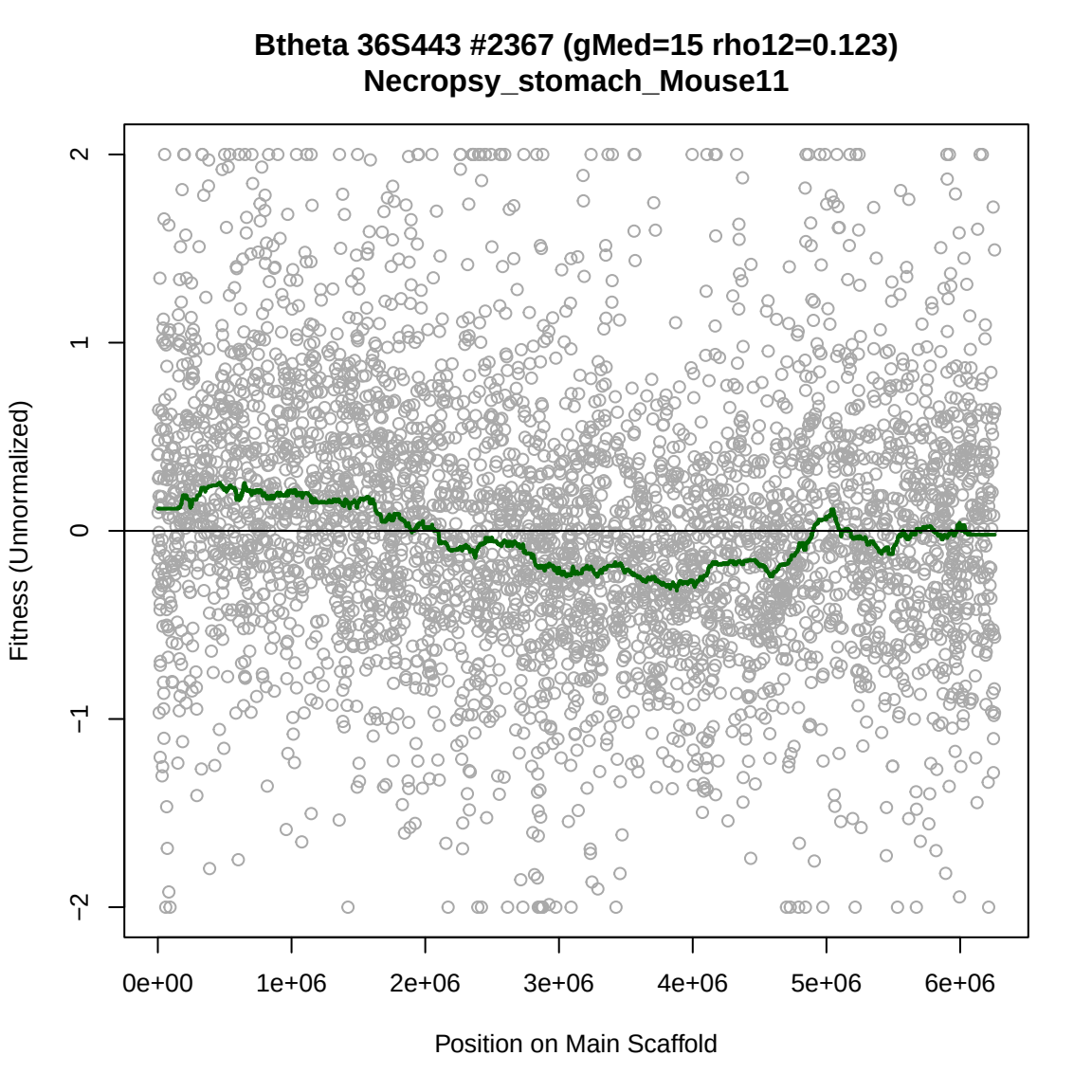

Btheta 36S438 #2362 (gMed=51 rho12=0.251)
Stool_Day6_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

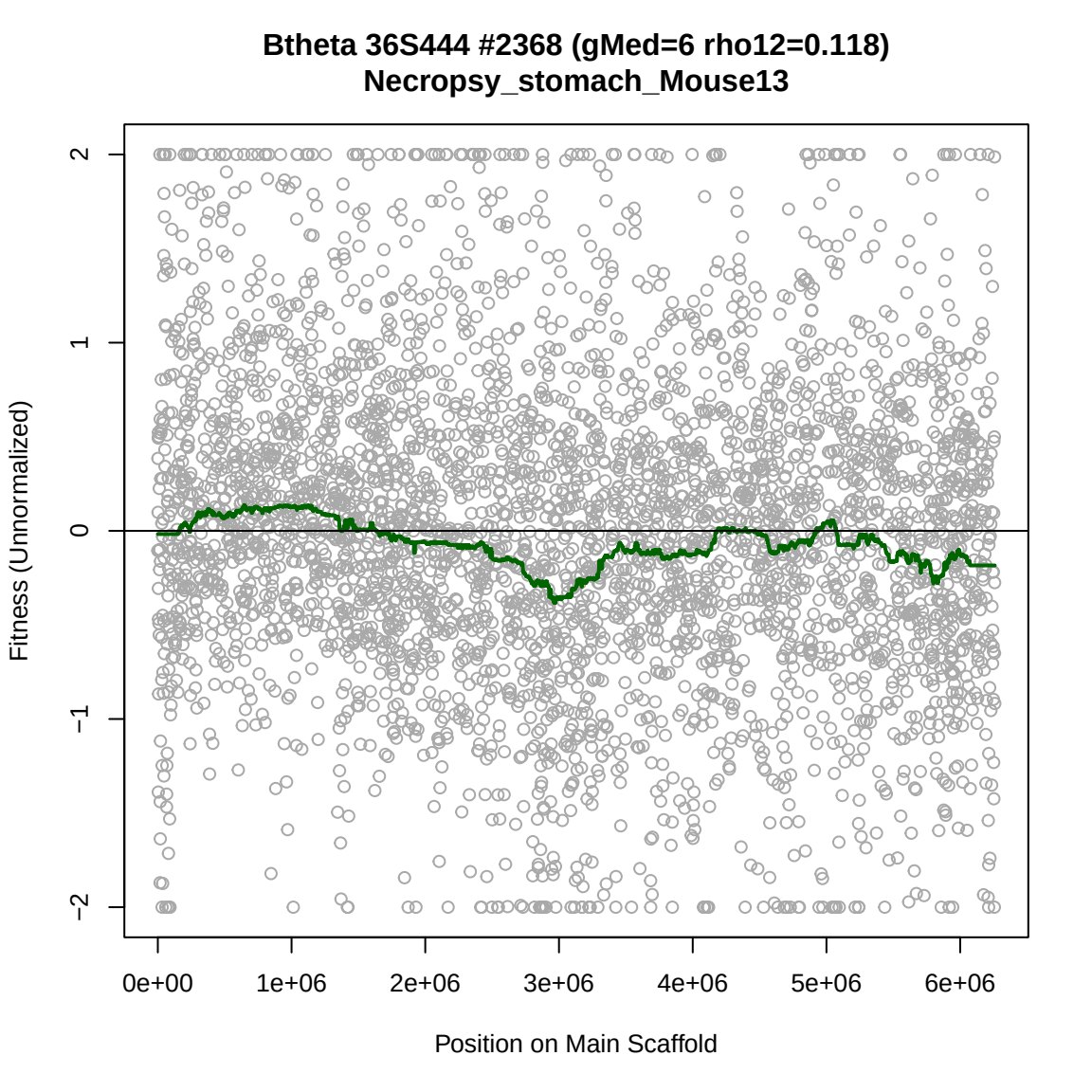

Btheta 36S439 #2363 (gMed=55 rho12=0.265)
Stool_Day6_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

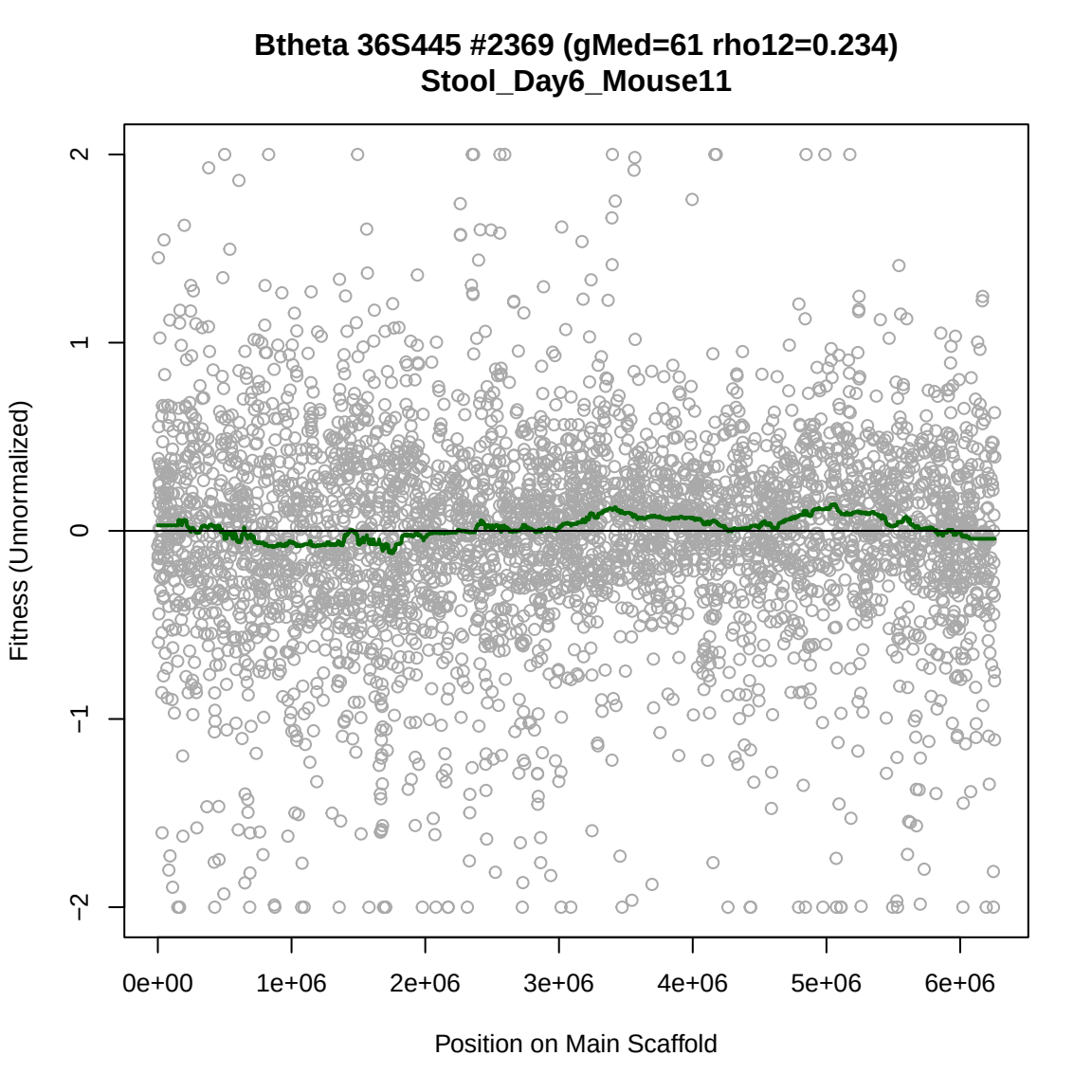

Btheta 36S440 #2364 (gMed=66 rho12=0.235)
Stool_Day6_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

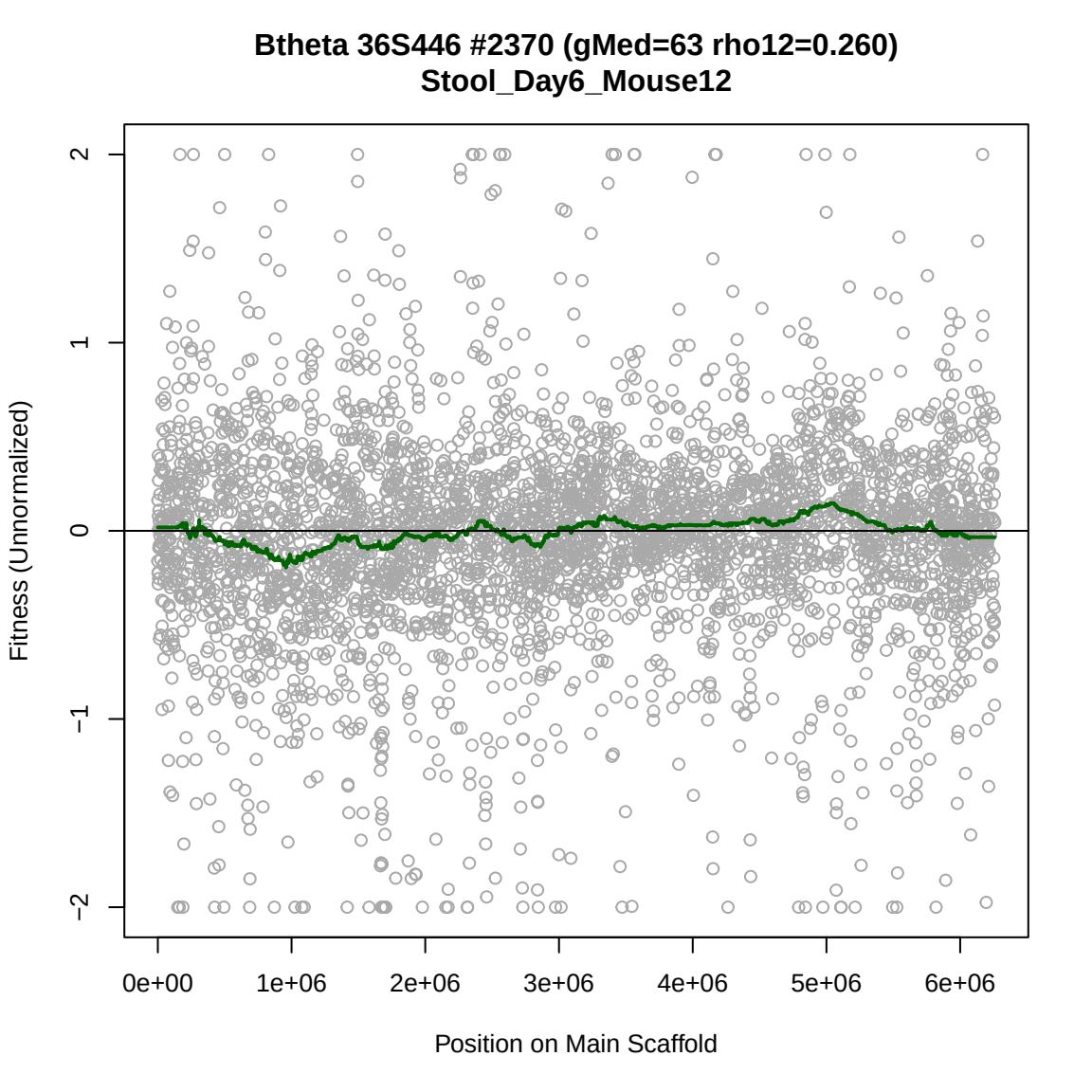

Btheta 36S441 #2365 (gMed=63 rho12=0.261)
Stool_Day6_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

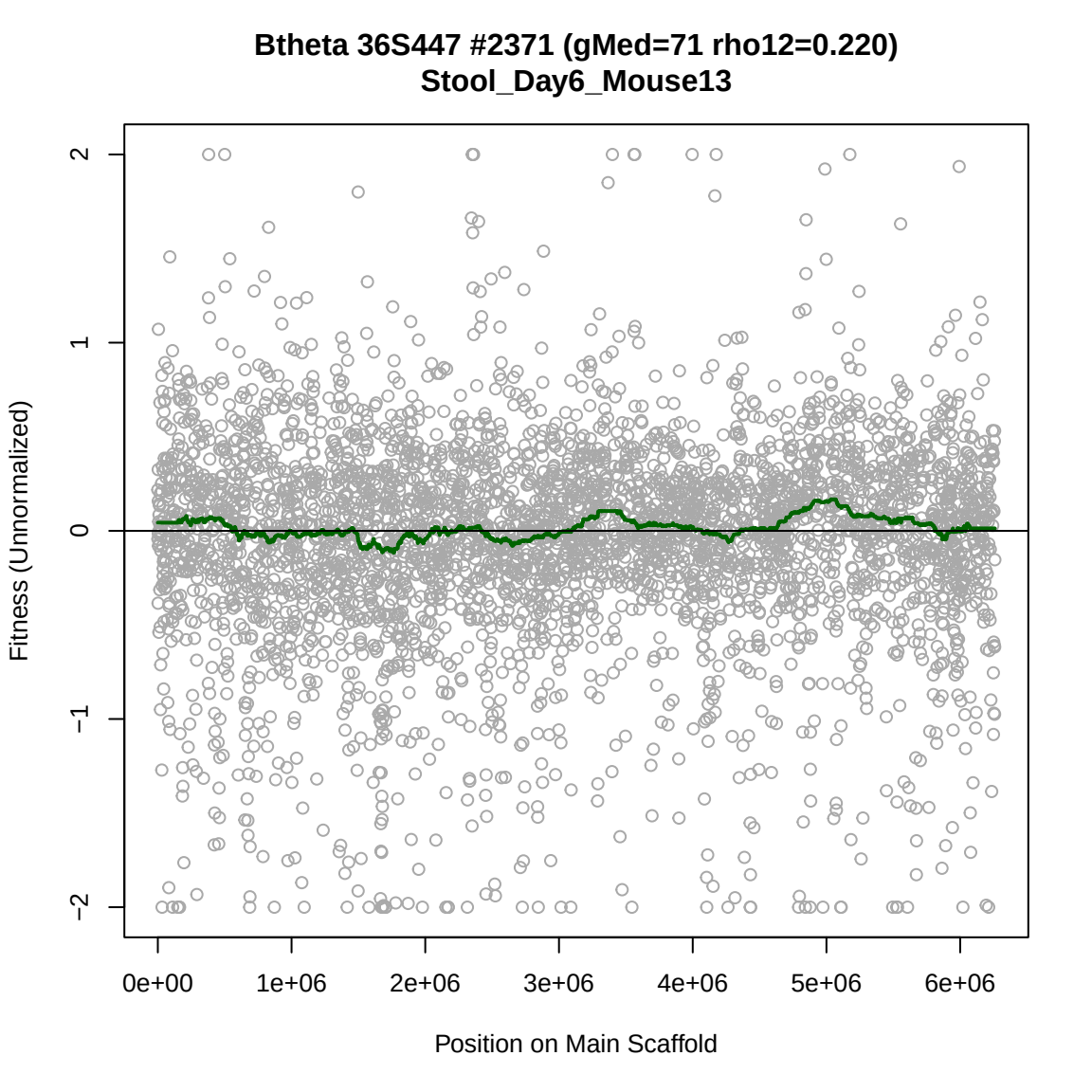

Btheta 36S442 #2366 (gMed=75 rho12=0.308)
Stool_Day6_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

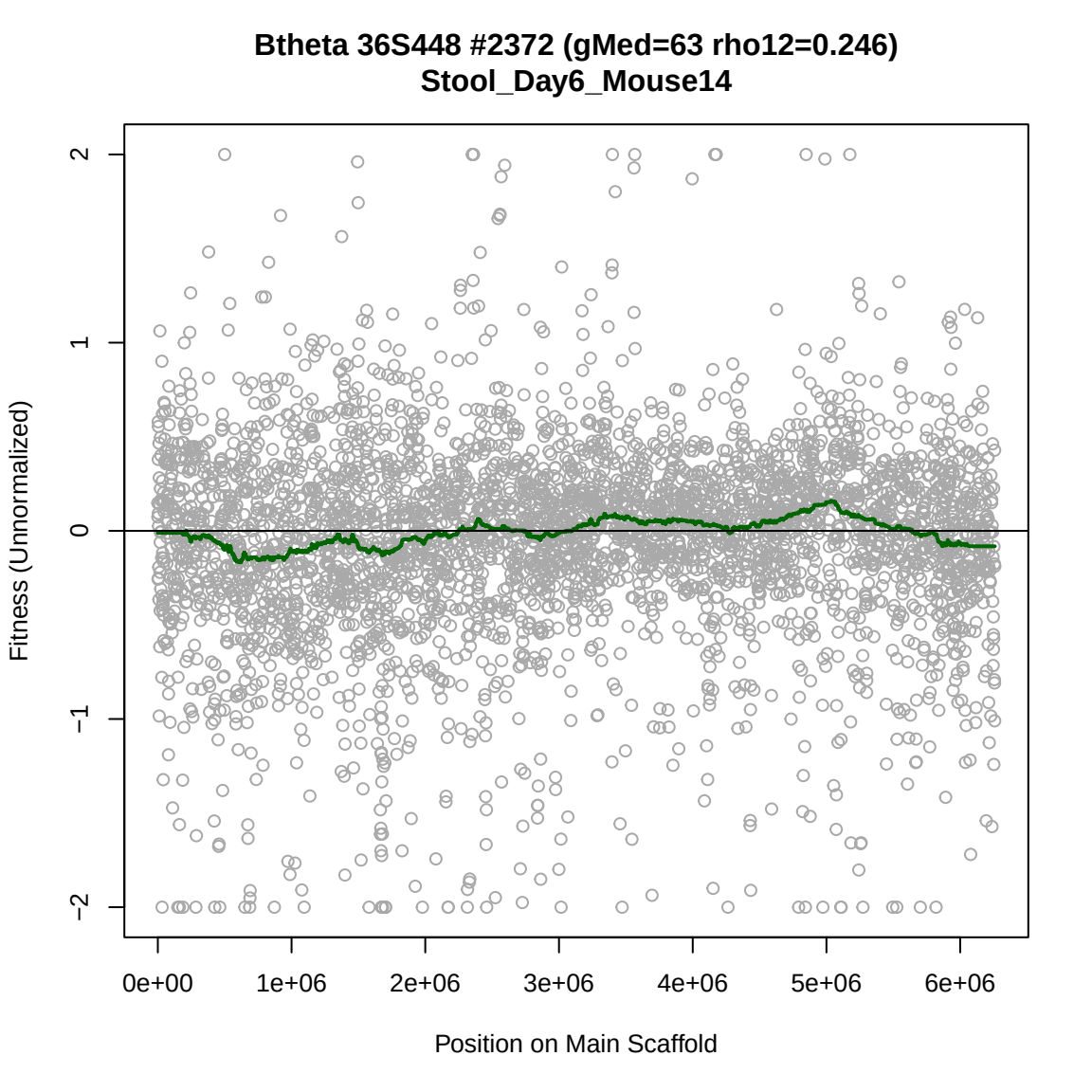

Btheta 36S443 #2367 (gMed=15 rho12=0.123)
Necropsy_stomach_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

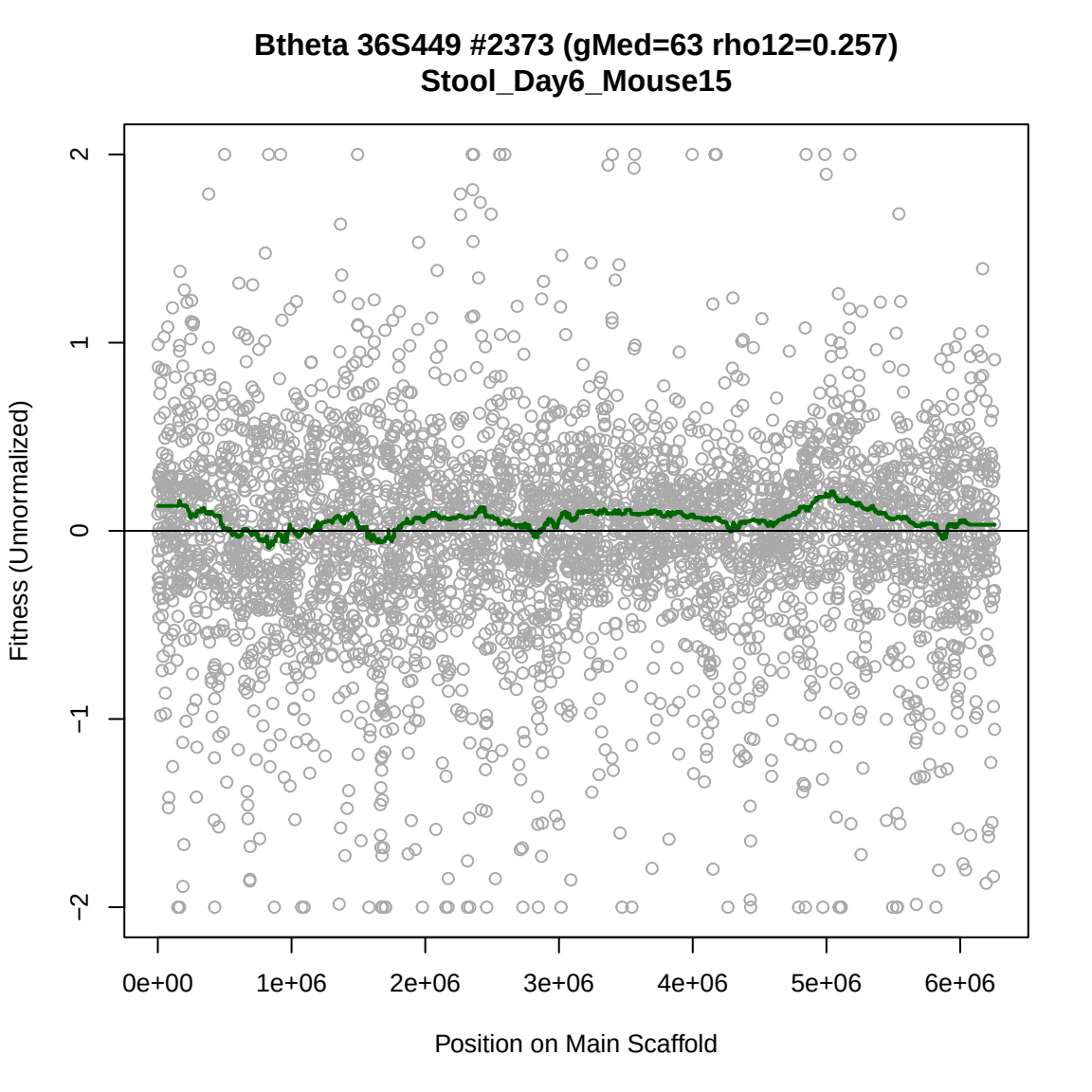

Btheta 36S444 #2368 (gMed=6 rho12=0.118)
Necropsy_stomach_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

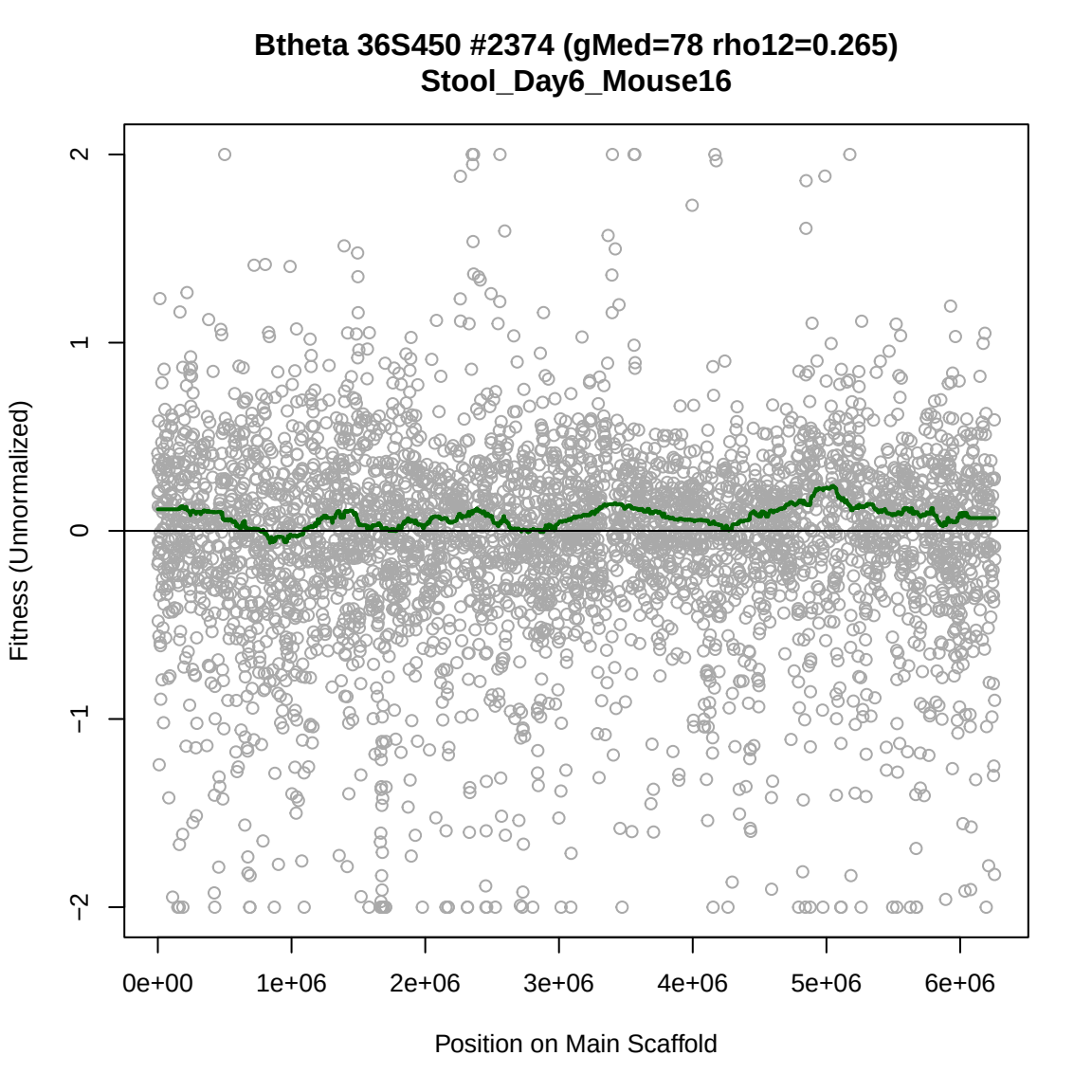

Btheta 36S445 #2369 (gMed=61 rho12=0.234)
Stool_Day6_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

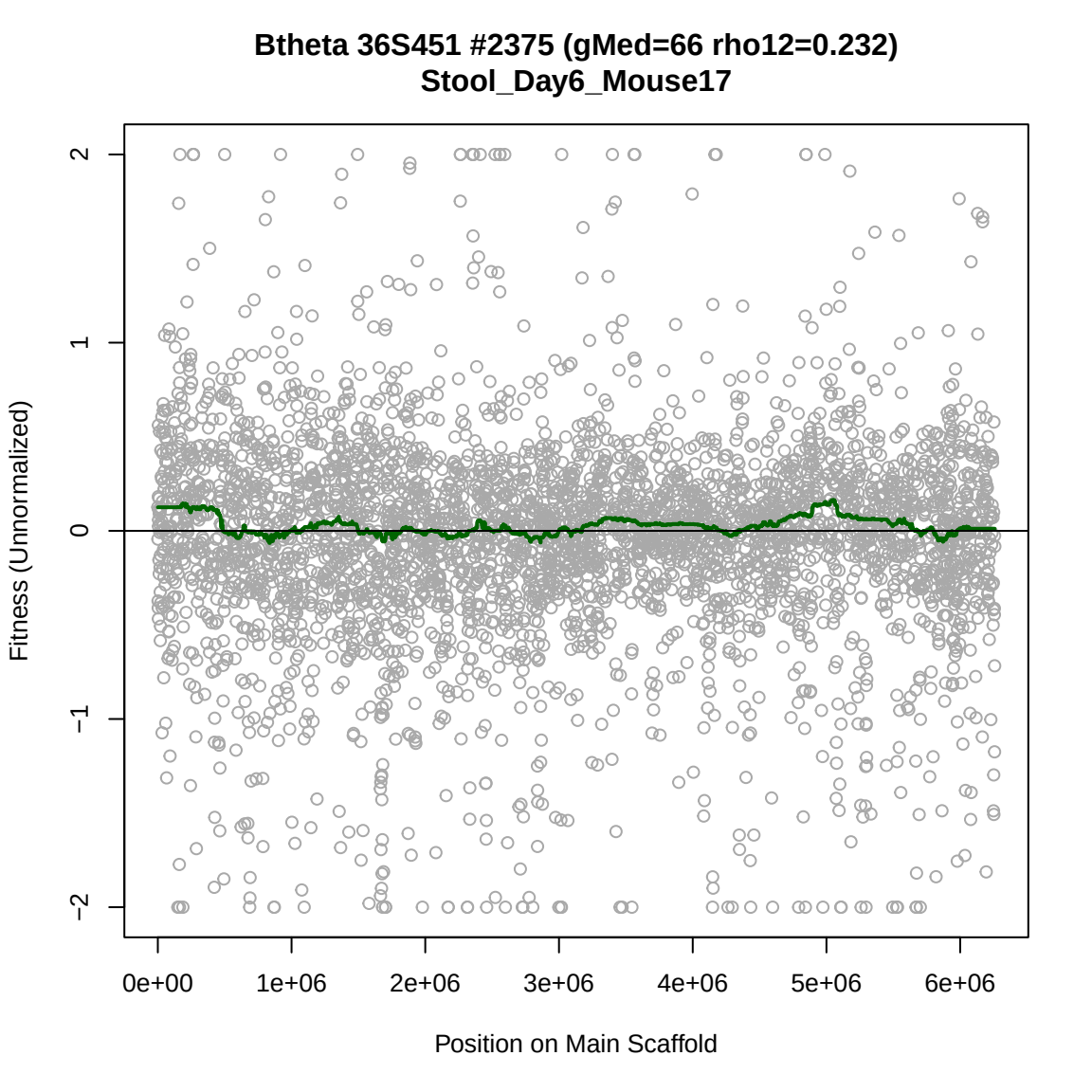

Btheta 36S446 #2370 (gMed=63 rho12=0.260)
Stool_Day6_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

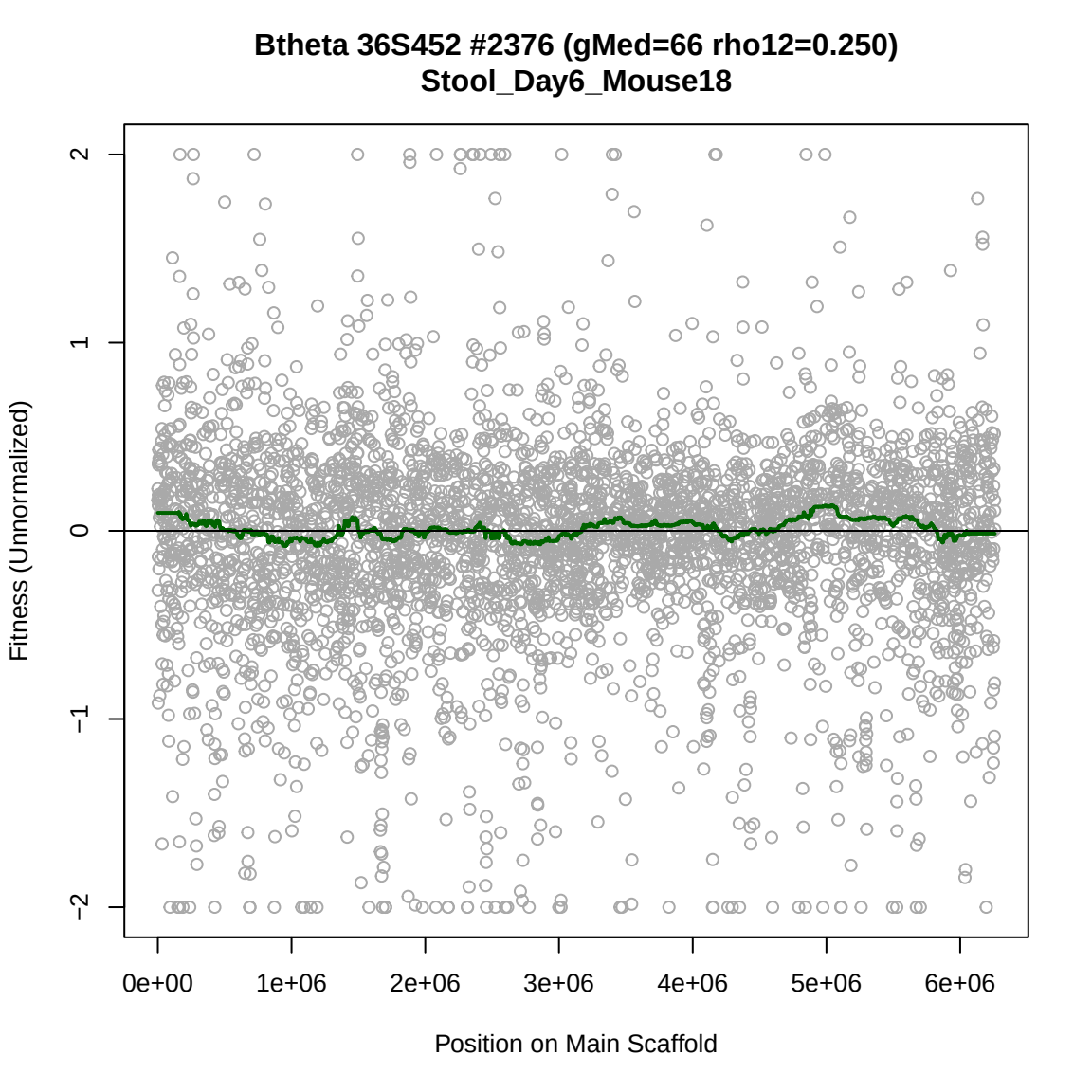

Btheta 36S447 #2371 (gMed=71 rho12=0.220)
Stool_Day6_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

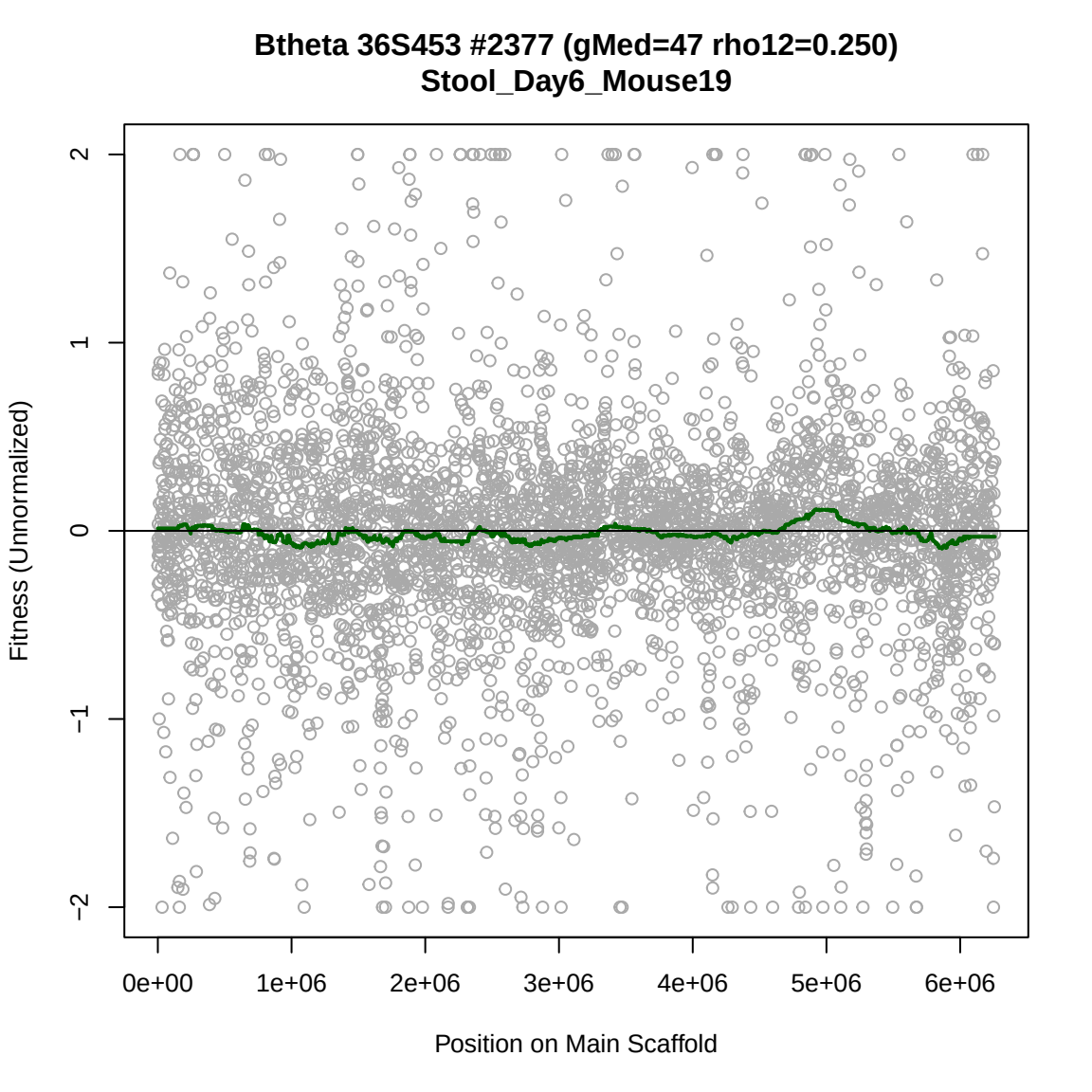

Btheta 36S448 #2372 (gMed=63 rho12=0.246)
Stool_Day6_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

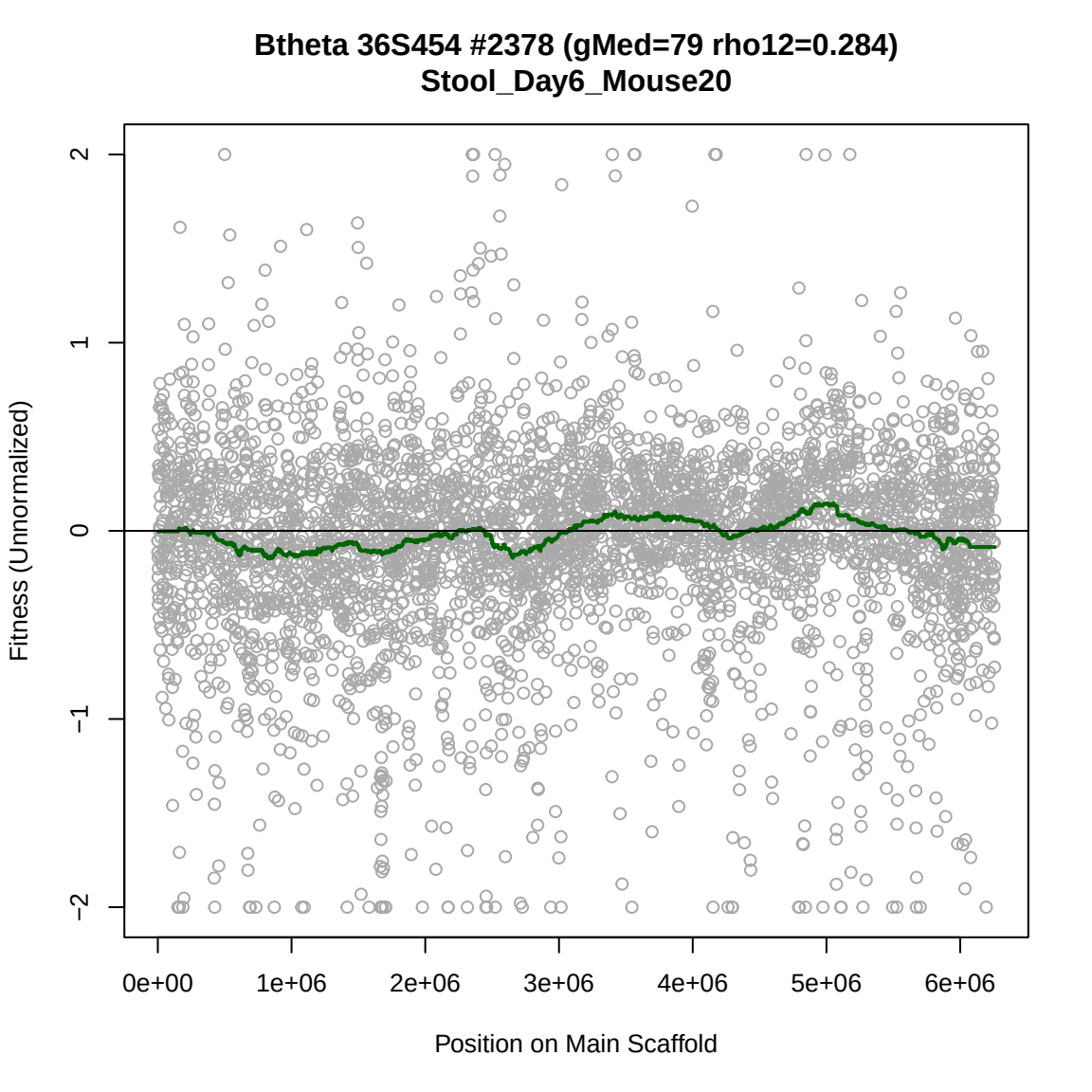

Btheta 36S449 #2373 (gMed=63 rho12=0.257)
Stool_Day6_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

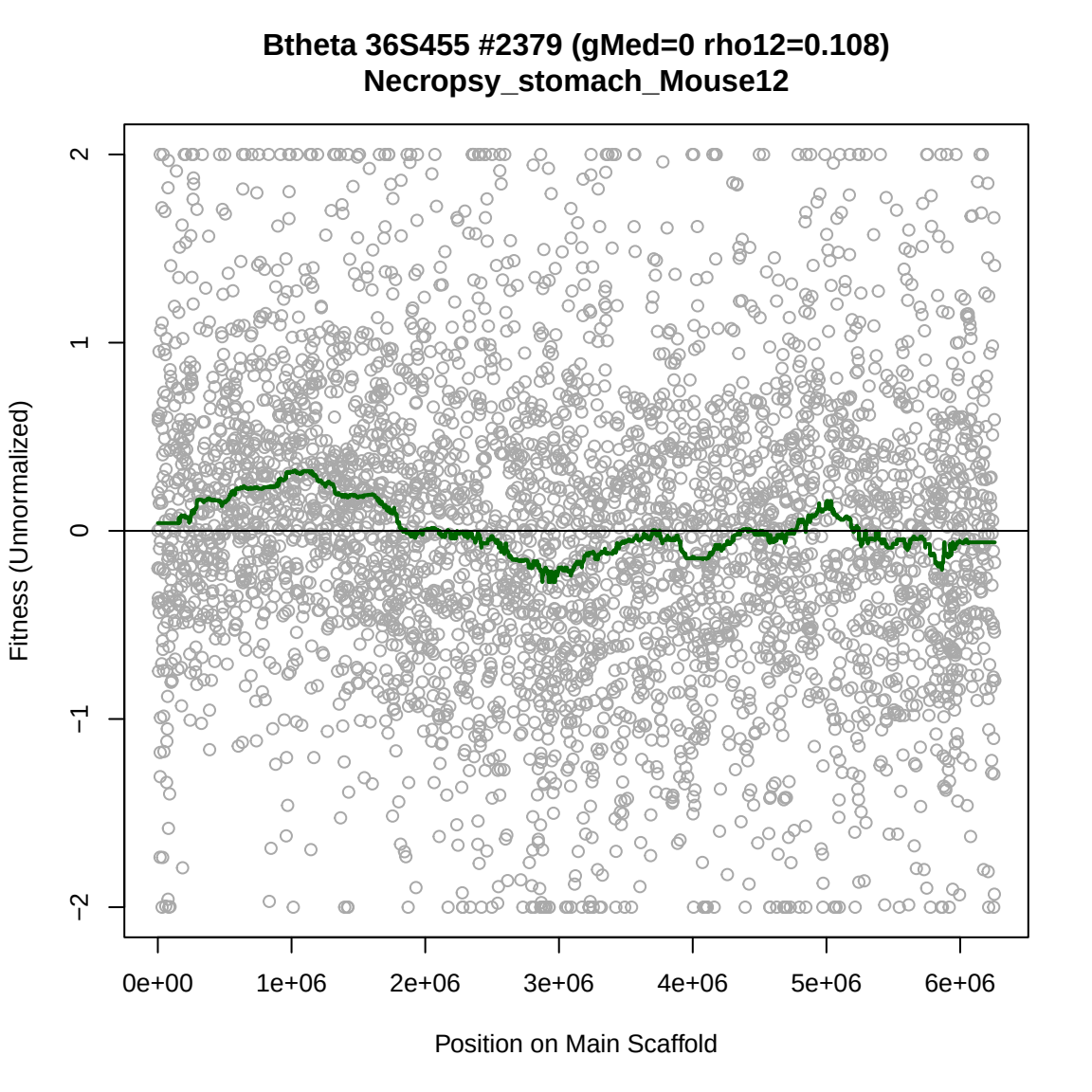

Btheta 36S450 #2374 (gMed=78 rho12=0.265)
Stool_Day6_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

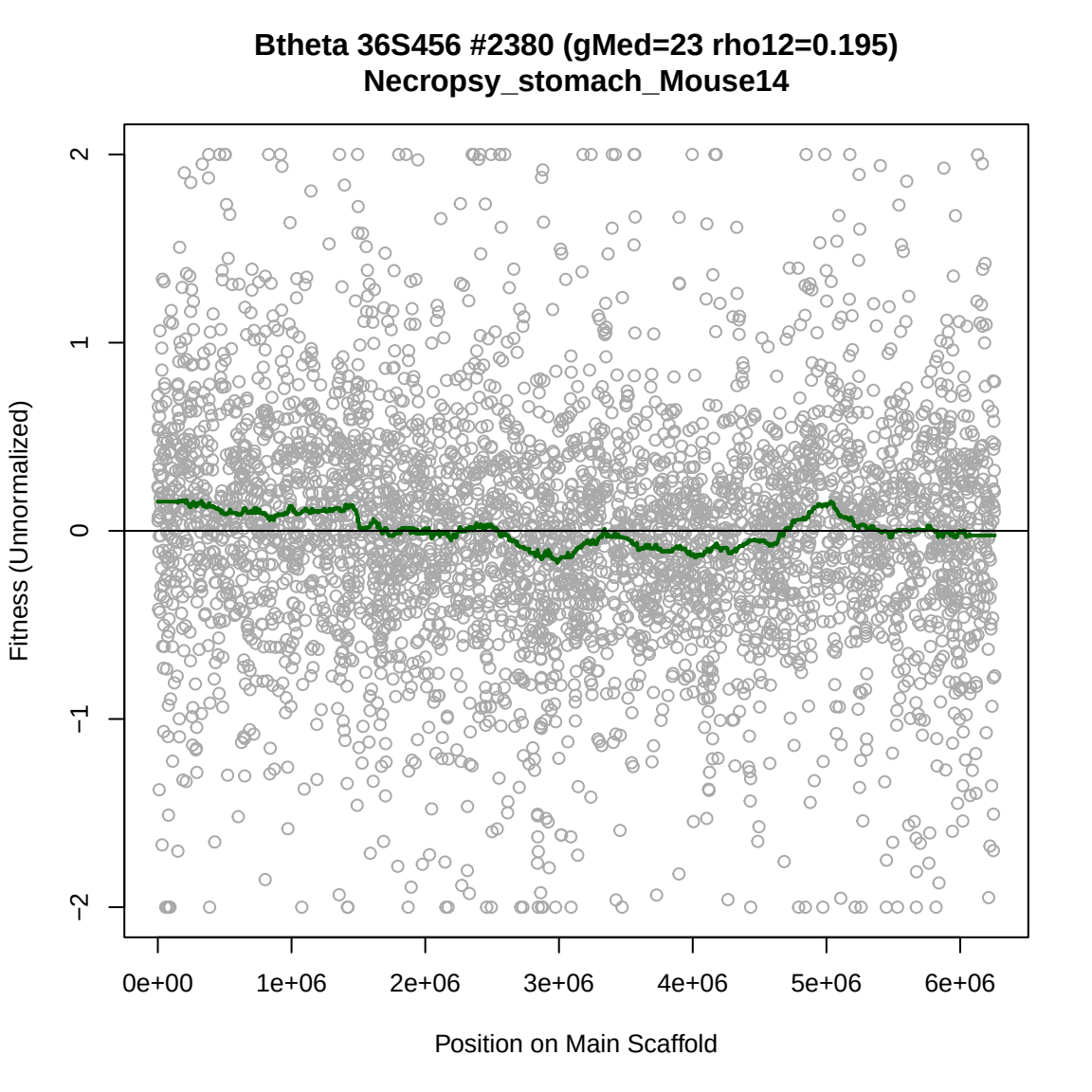

Btheta 36S451 #2375 (gMed=66 rho12=0.232)
Stool_Day6_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

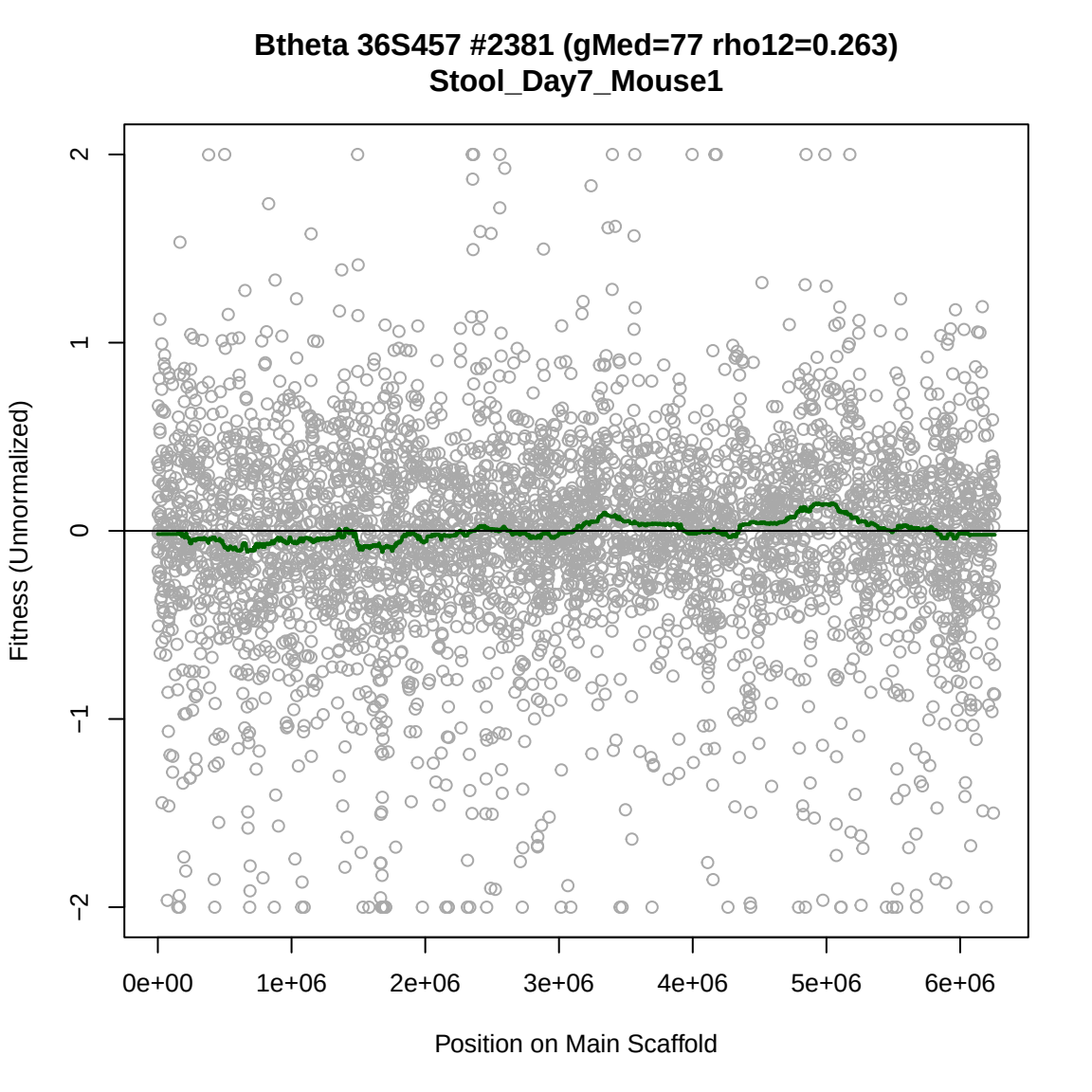

Btheta 36S452 #2376 (gMed=66 rho12=0.250)
Stool_Day6_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

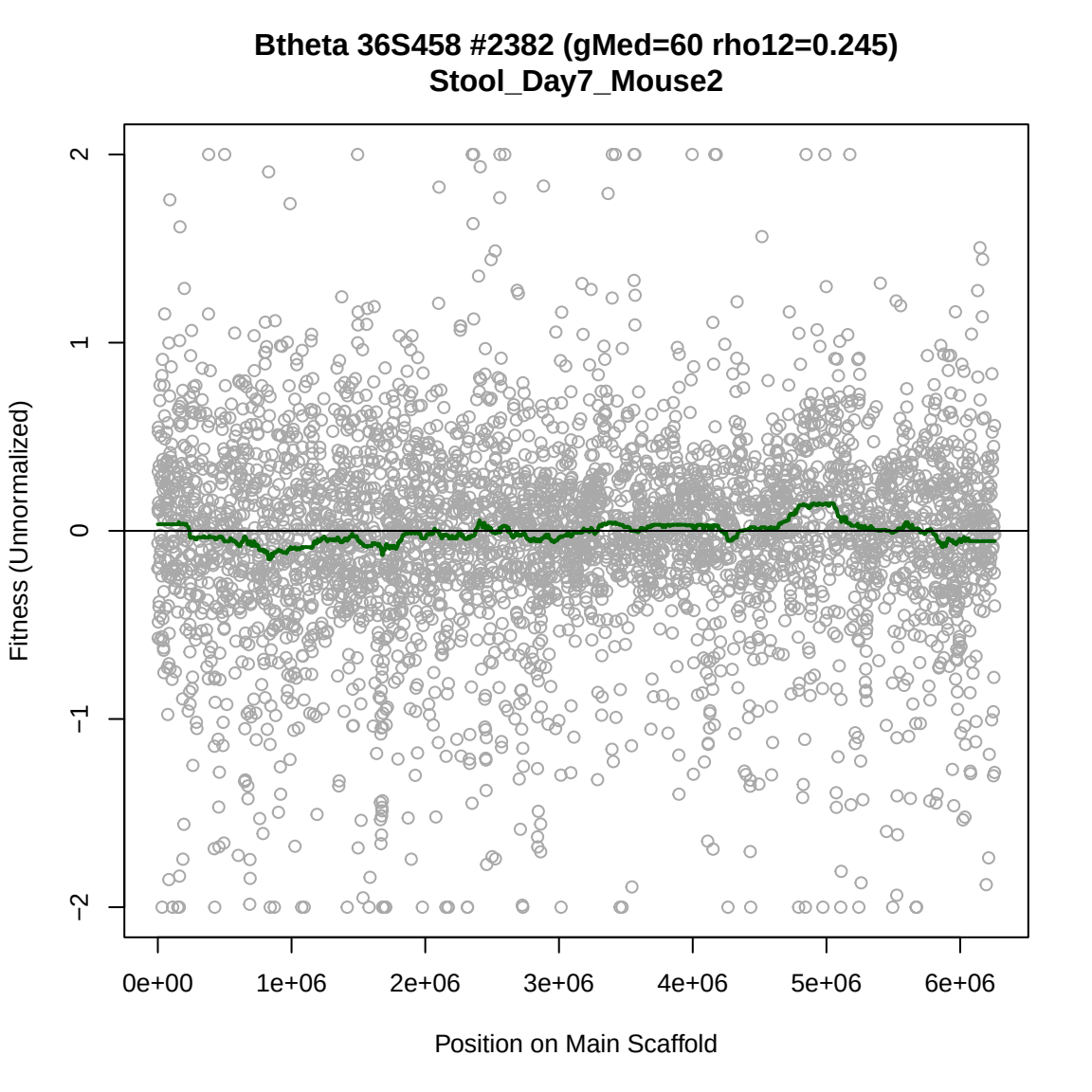

Btheta 36S453 #2377 (gMed=47 rho12=0.250)
Stool_Day6_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

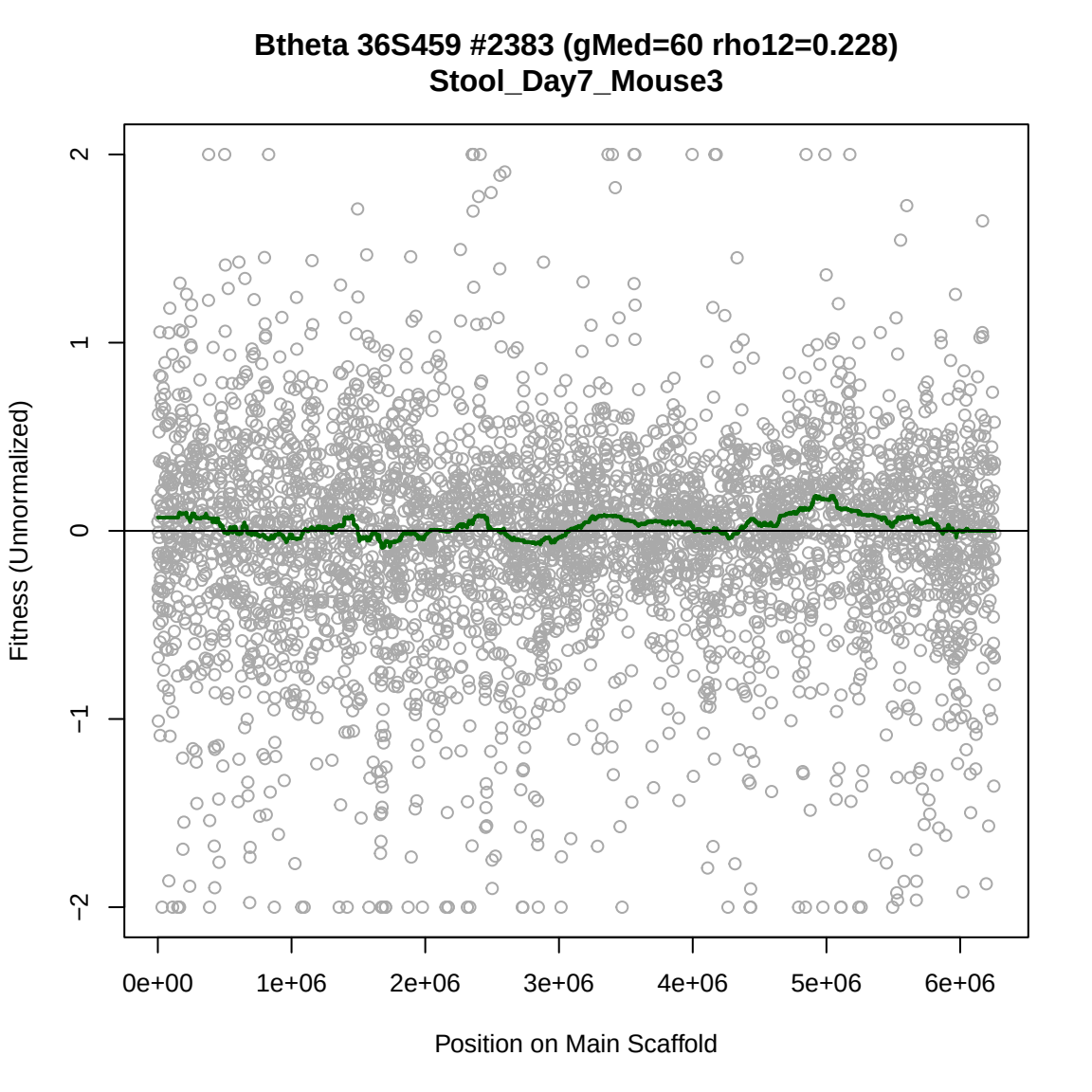

Btheta 36S454 #2378 (gMed=79 rho12=0.284)
Stool_Day6_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

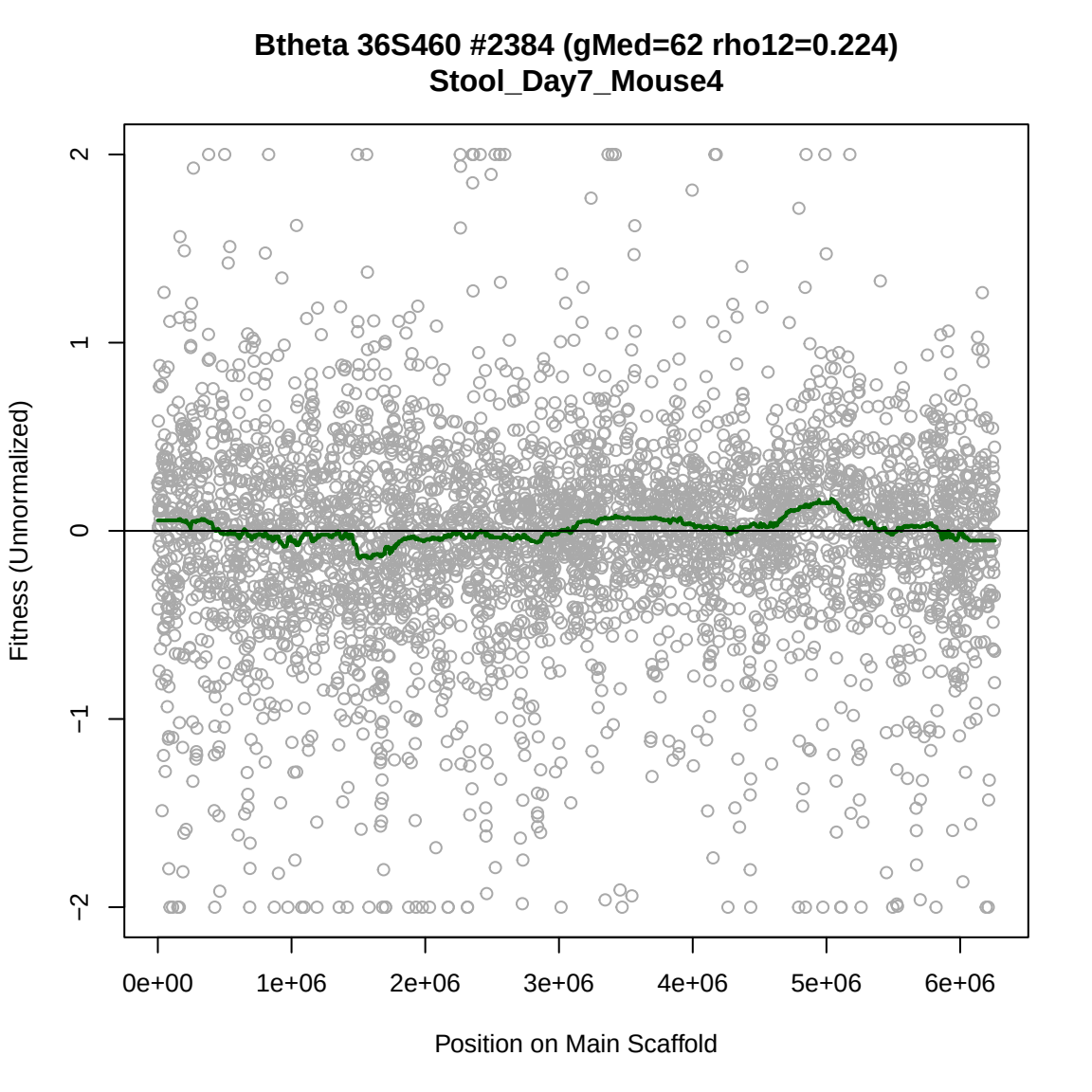

Btheta 36S455 #2379 (gMed=0 rho12=0.108)
Necropsy_stomach_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

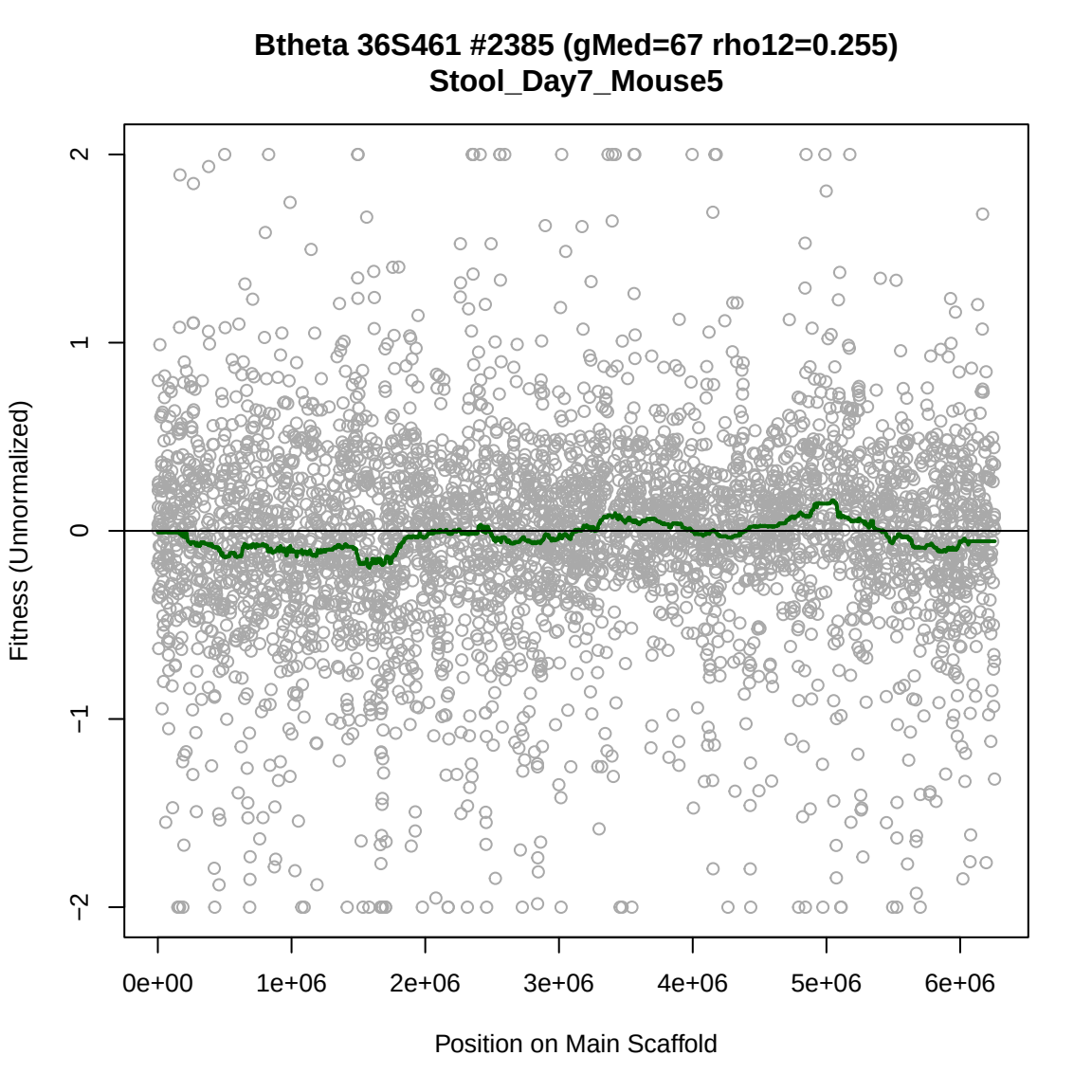

Btheta 36S456 #2380 (gMed=23 rho12=0.195)
Necropsy_stomach_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

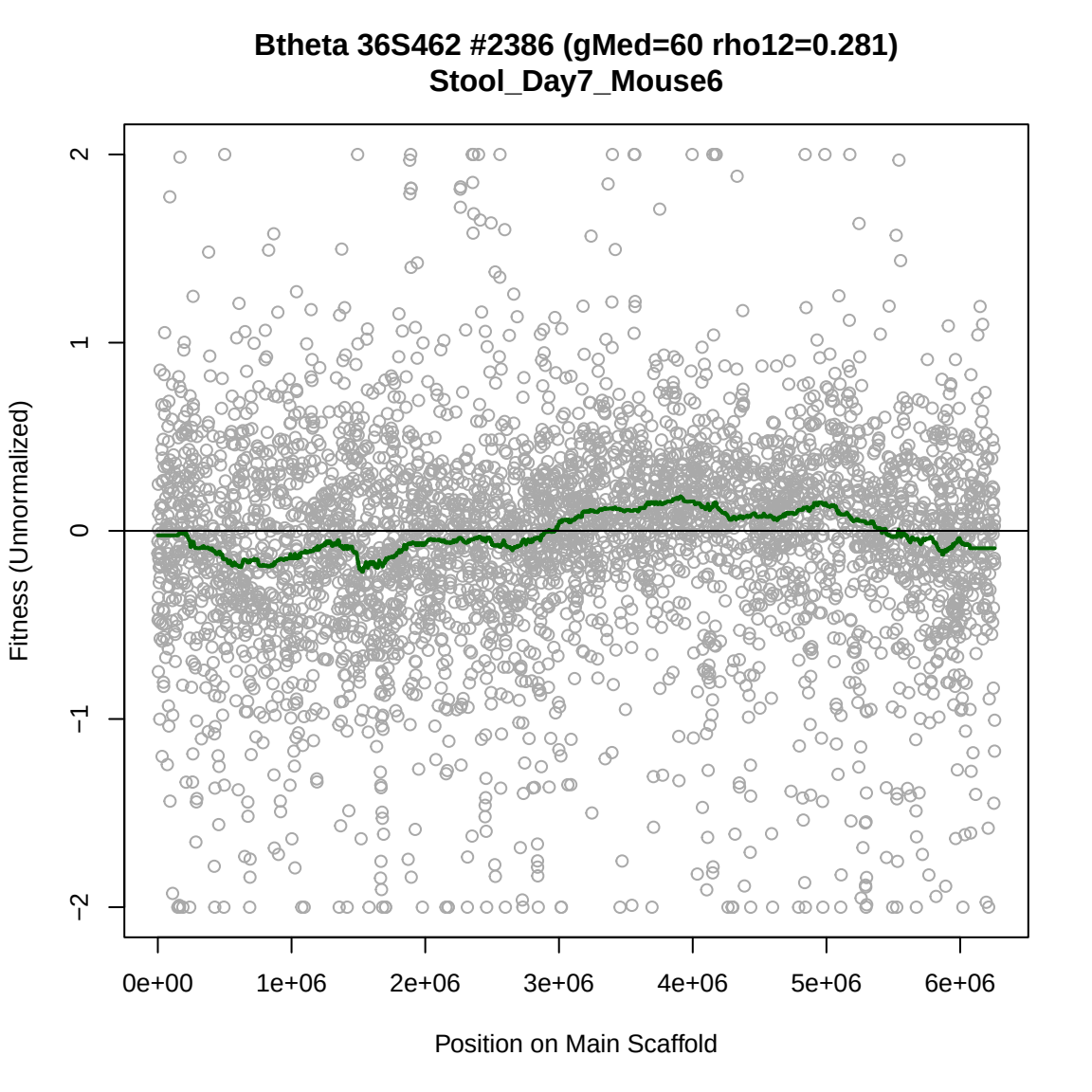

Btheta 36S457 #2381 (gMed=77 rho12=0.263)
Stool_Day7_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

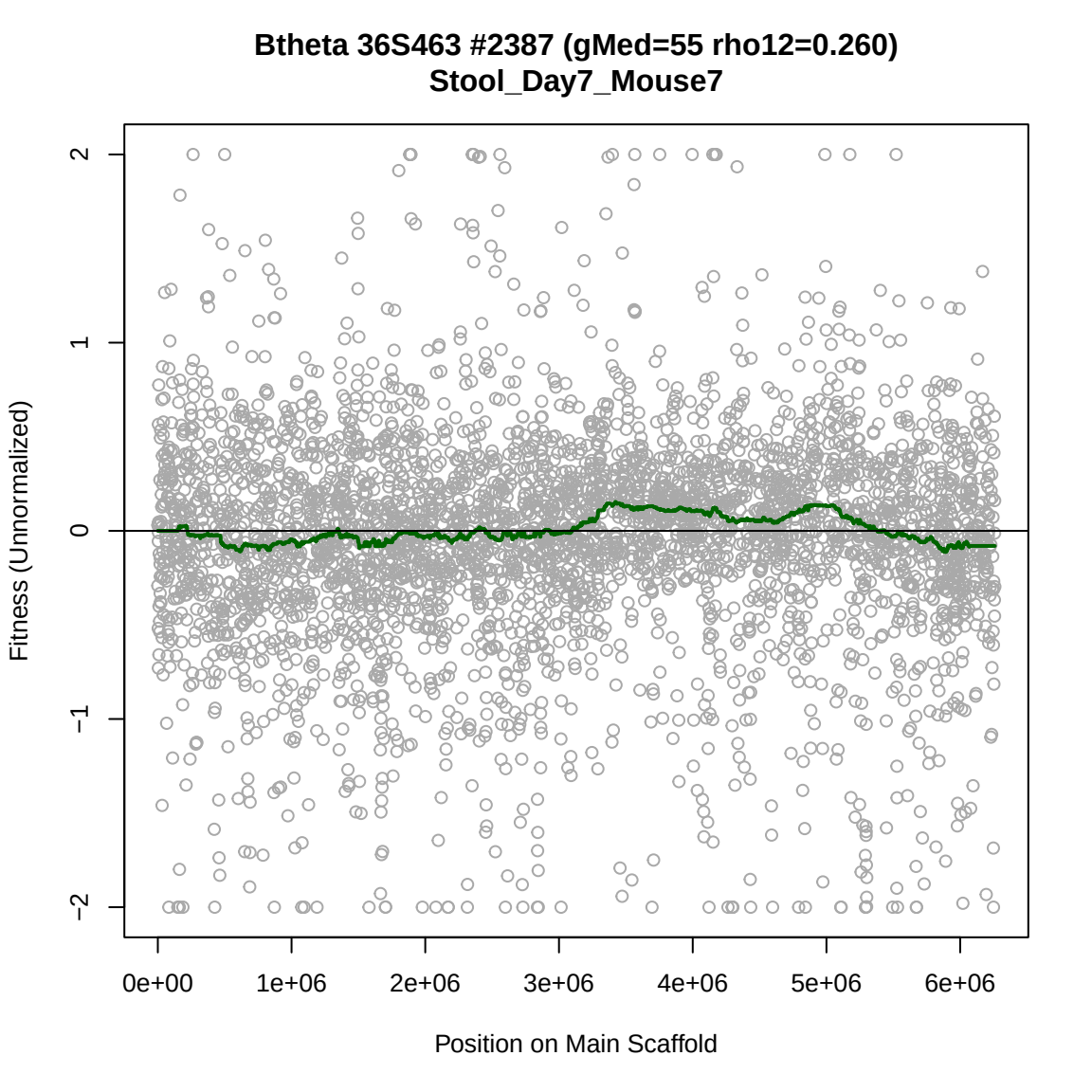

Btheta 36S458 #2382 (gMed=60 rho12=0.245)
Stool_Day7_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

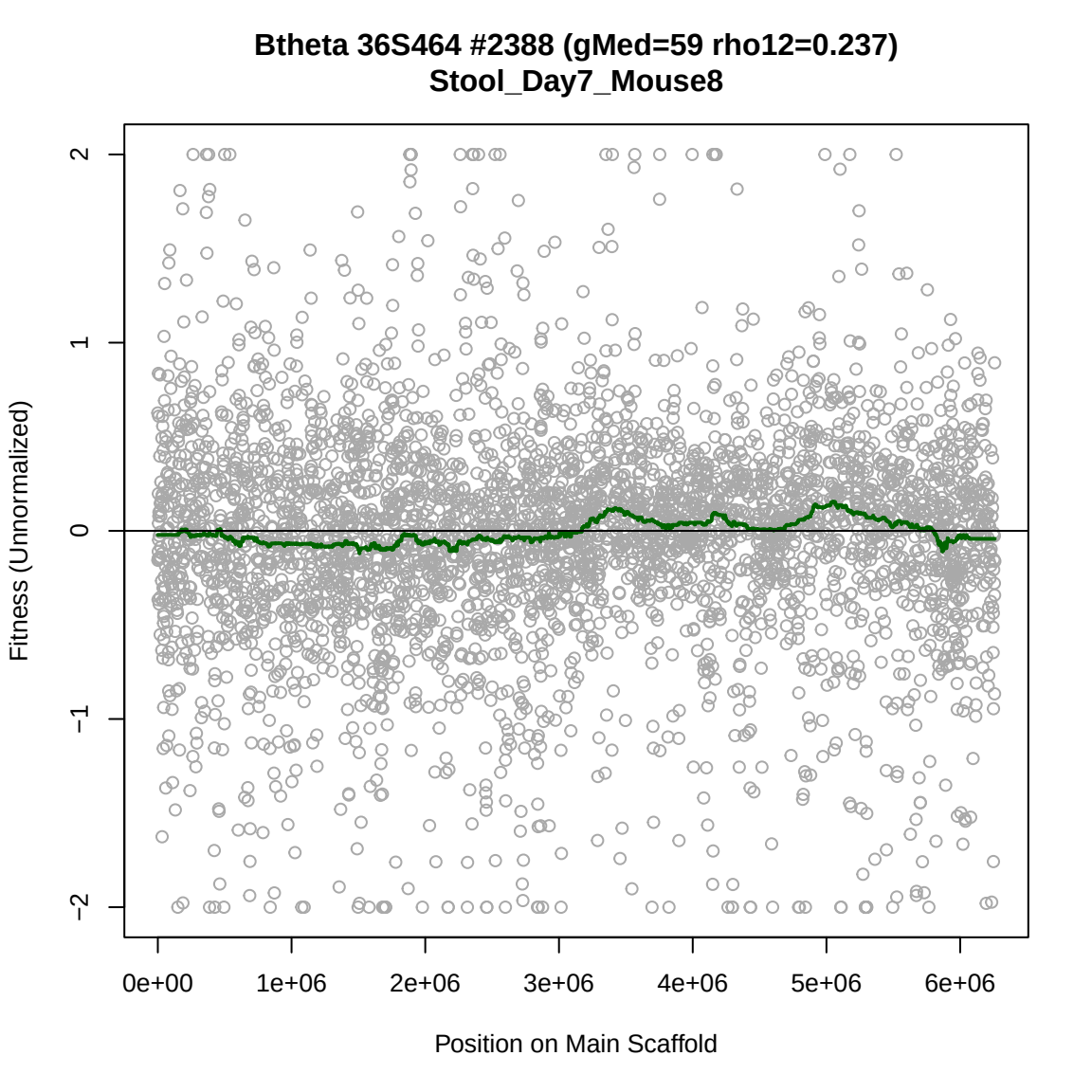

Btheta 36S459 #2383 (gMed=60 rho12=0.228)
Stool_Day7_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

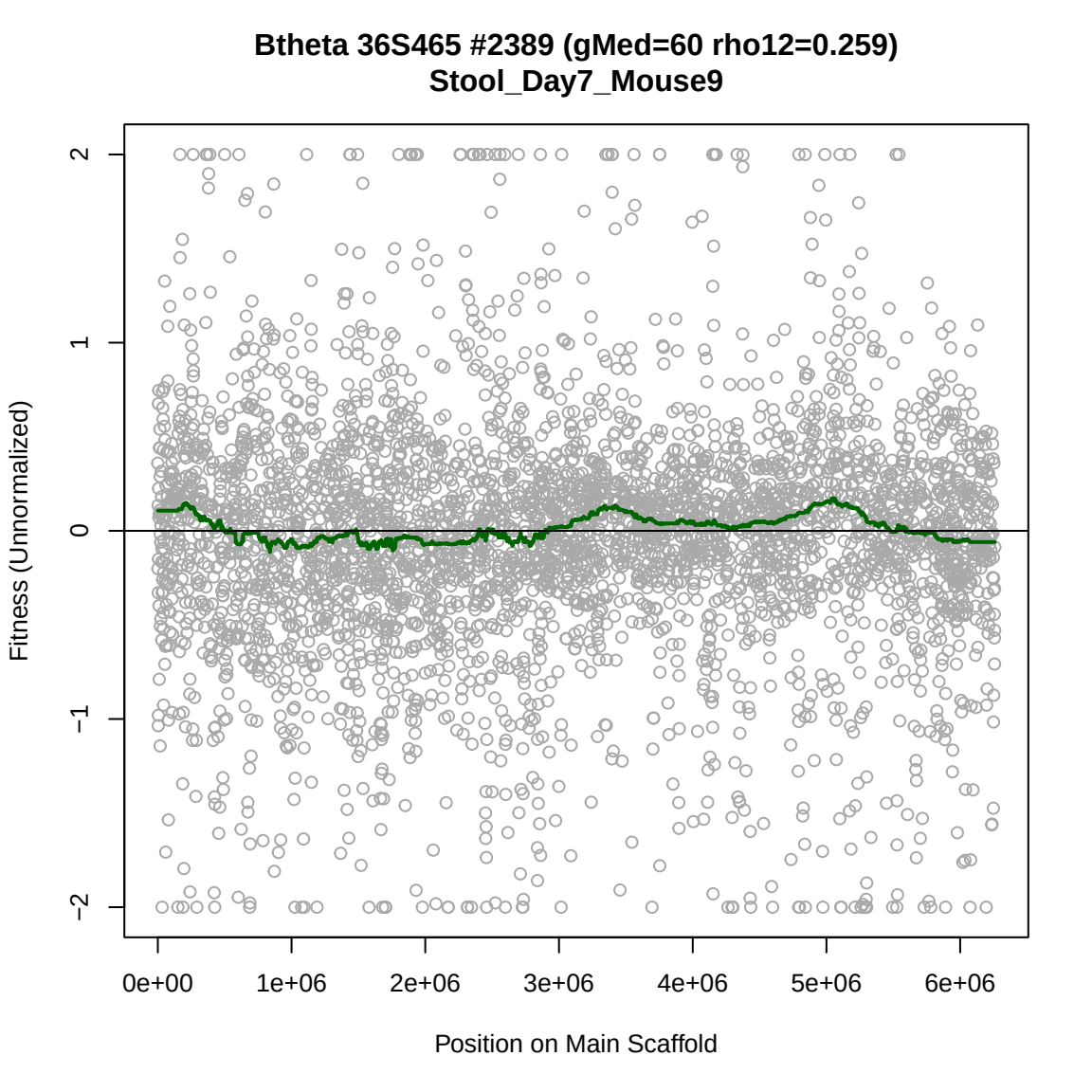

Btheta 36S460 #2384 (gMed=62 rho12=0.224)
Stool_Day7_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

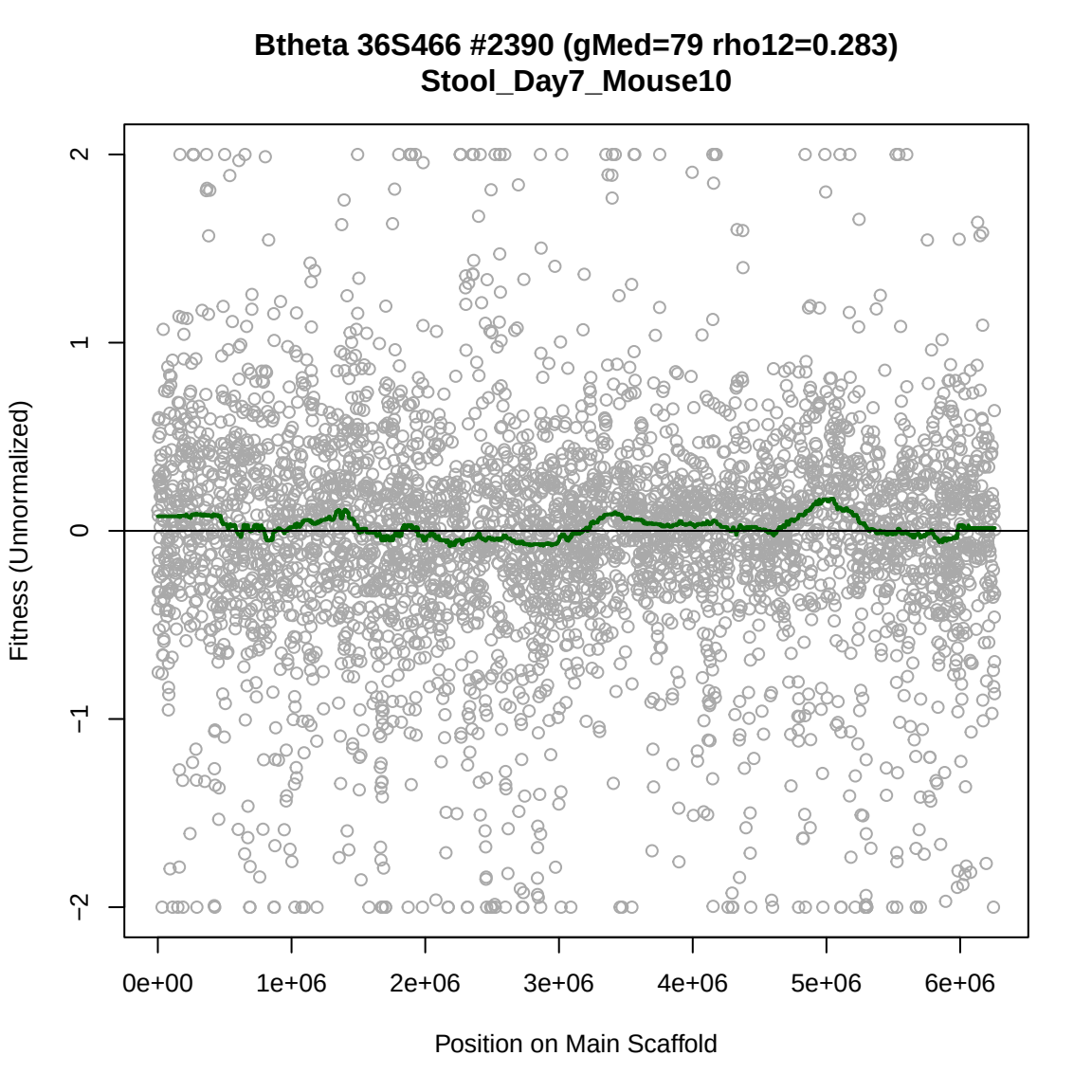

Btheta 36S461 #2385 (gMed=67 rho12=0.255)
Stool_Day7_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

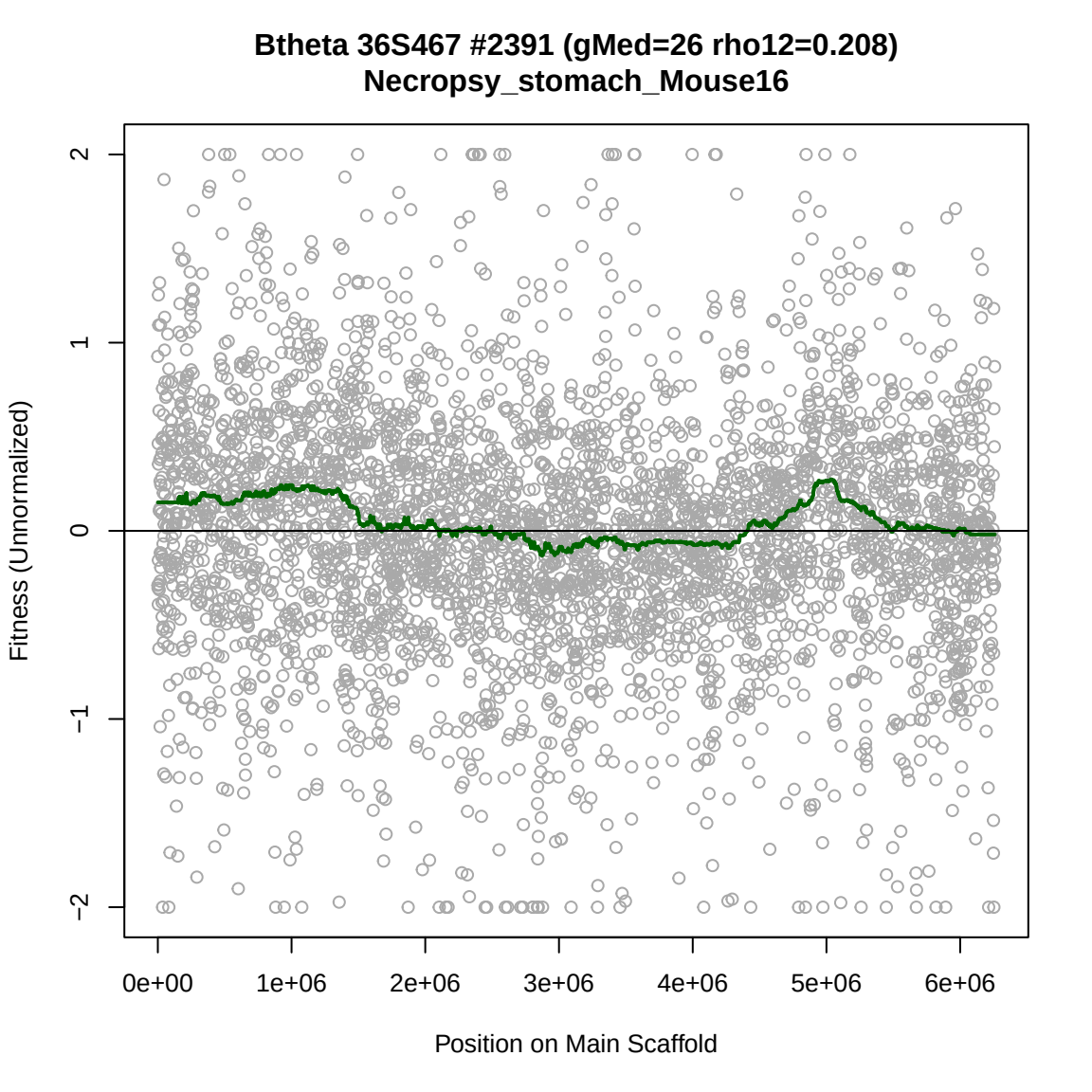

Btheta 36S462 #2386 (gMed=60 rho12=0.281)
Stool_Day7_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

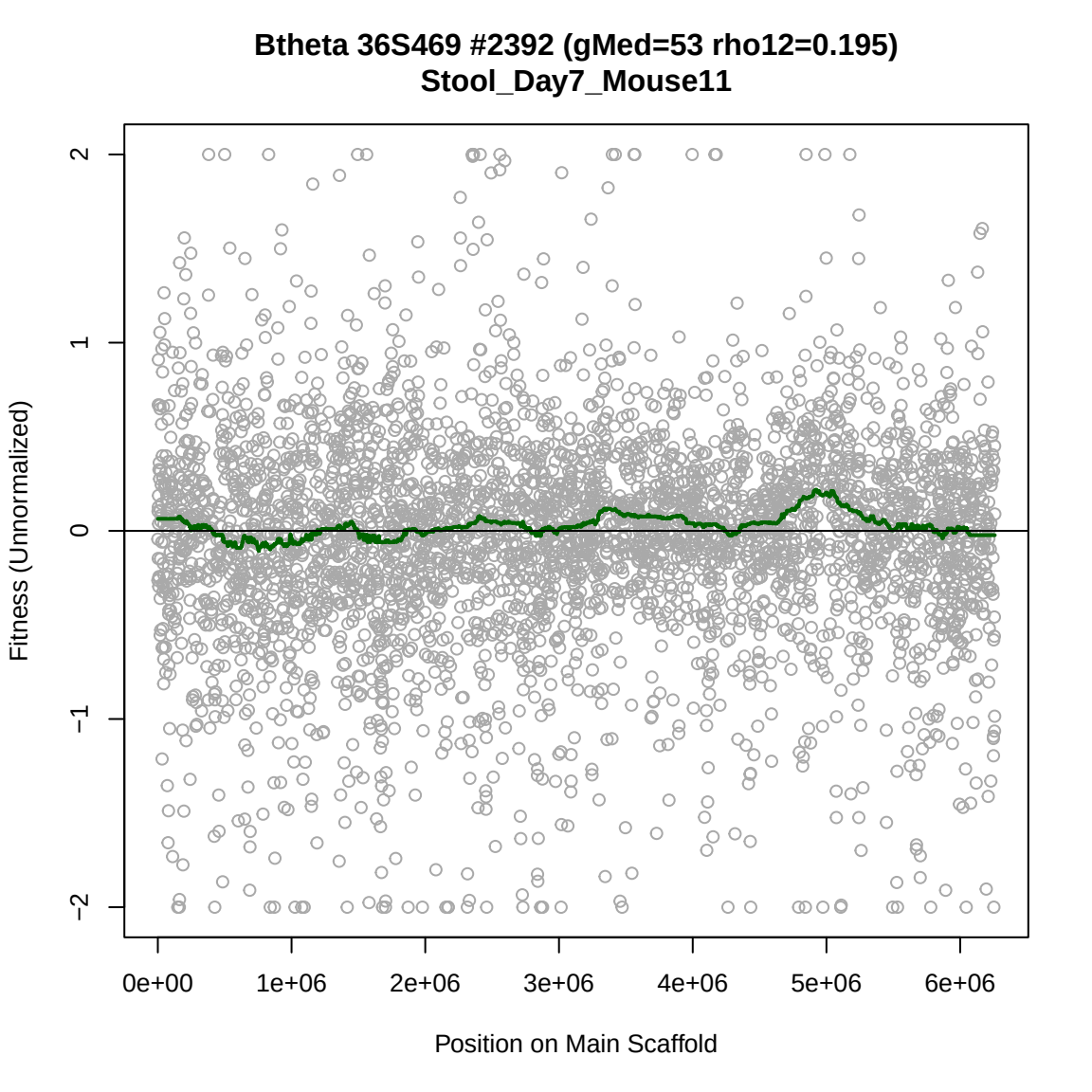

Btheta 36S463 #2387 (gMed=55 rho12=0.260)
Stool_Day7_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

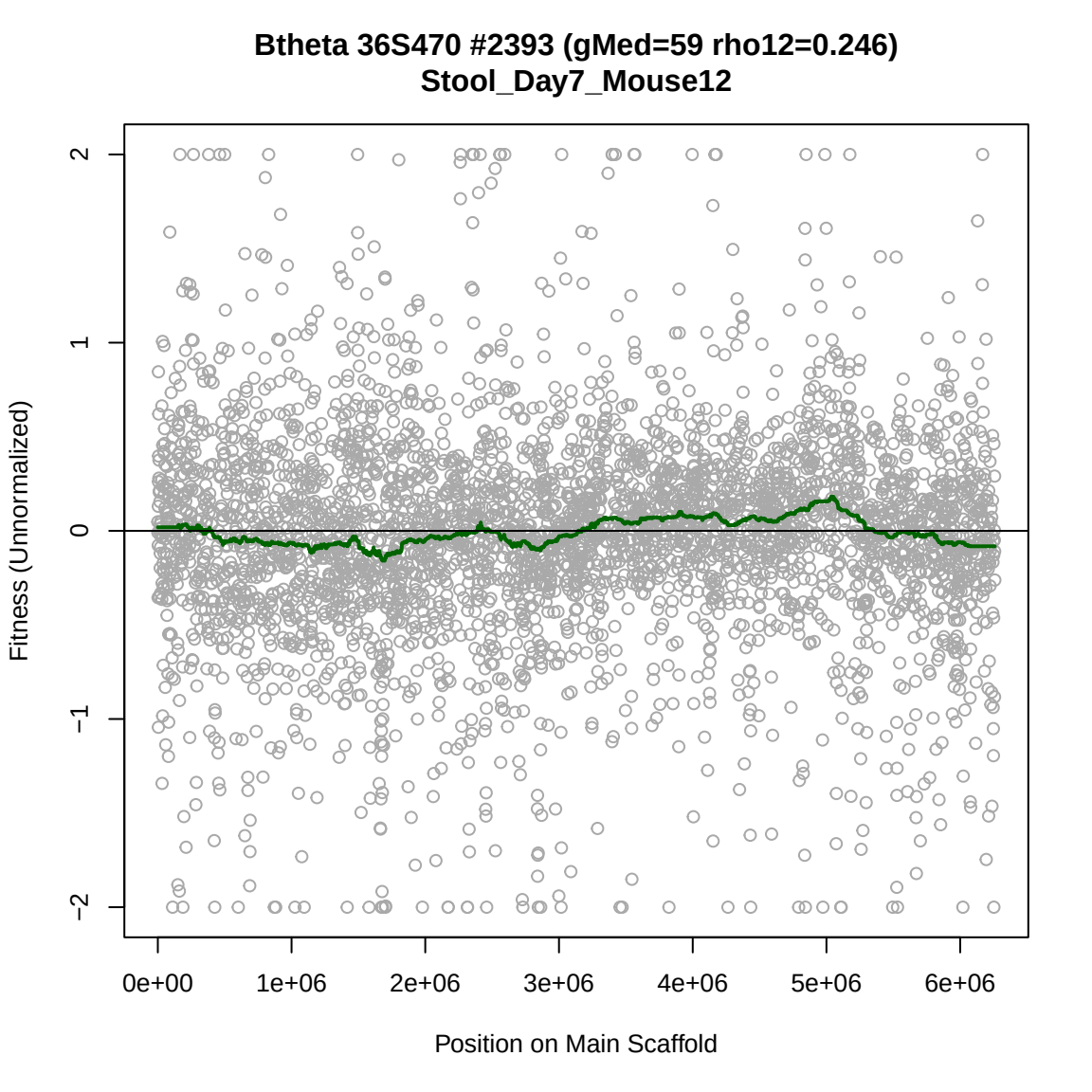

Btheta 36S464 #2388 (gMed=59 rho12=0.237)
Stool_Day7_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

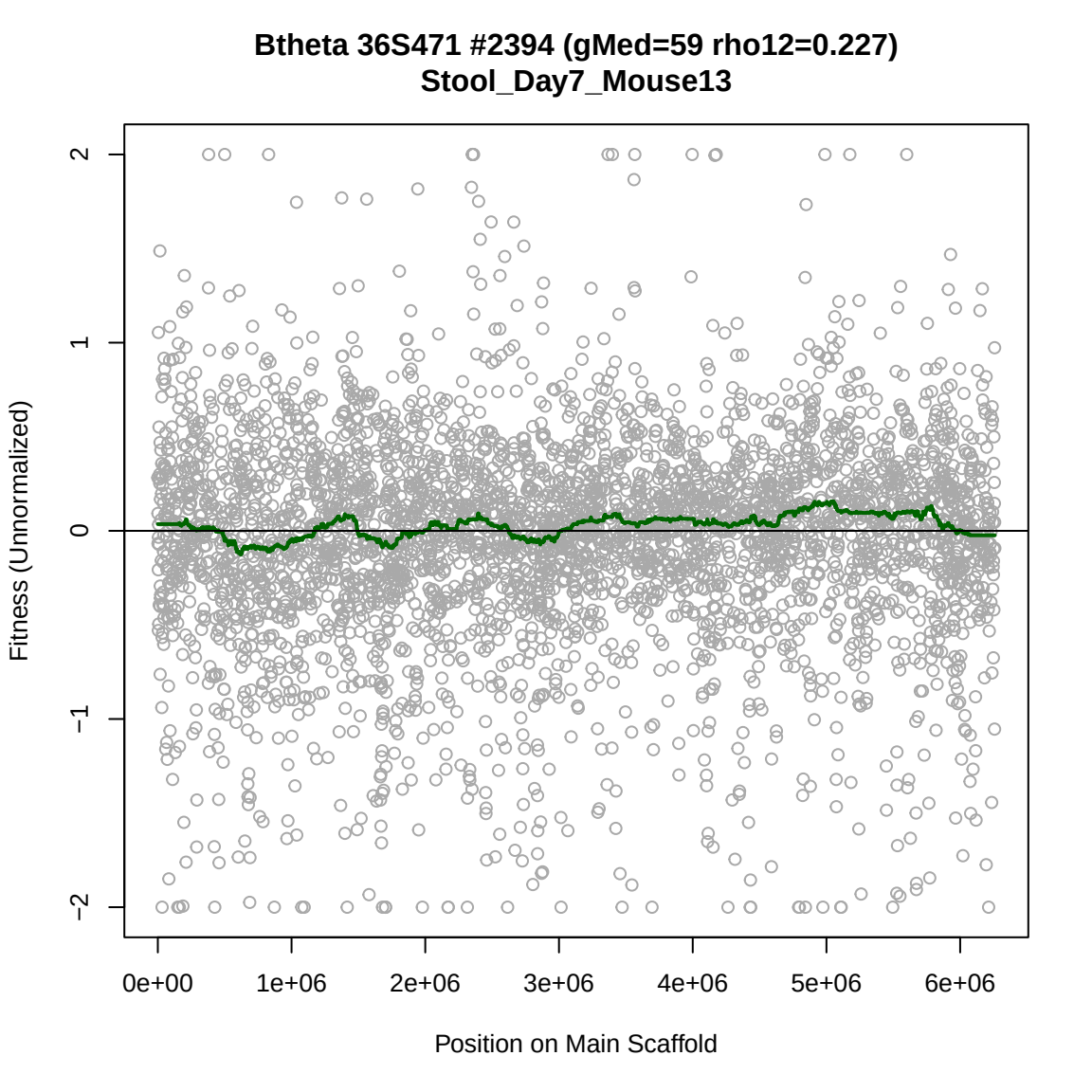

Btheta 36S465 #2389 (gMed=60 rho12=0.259)
Stool_Day7_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

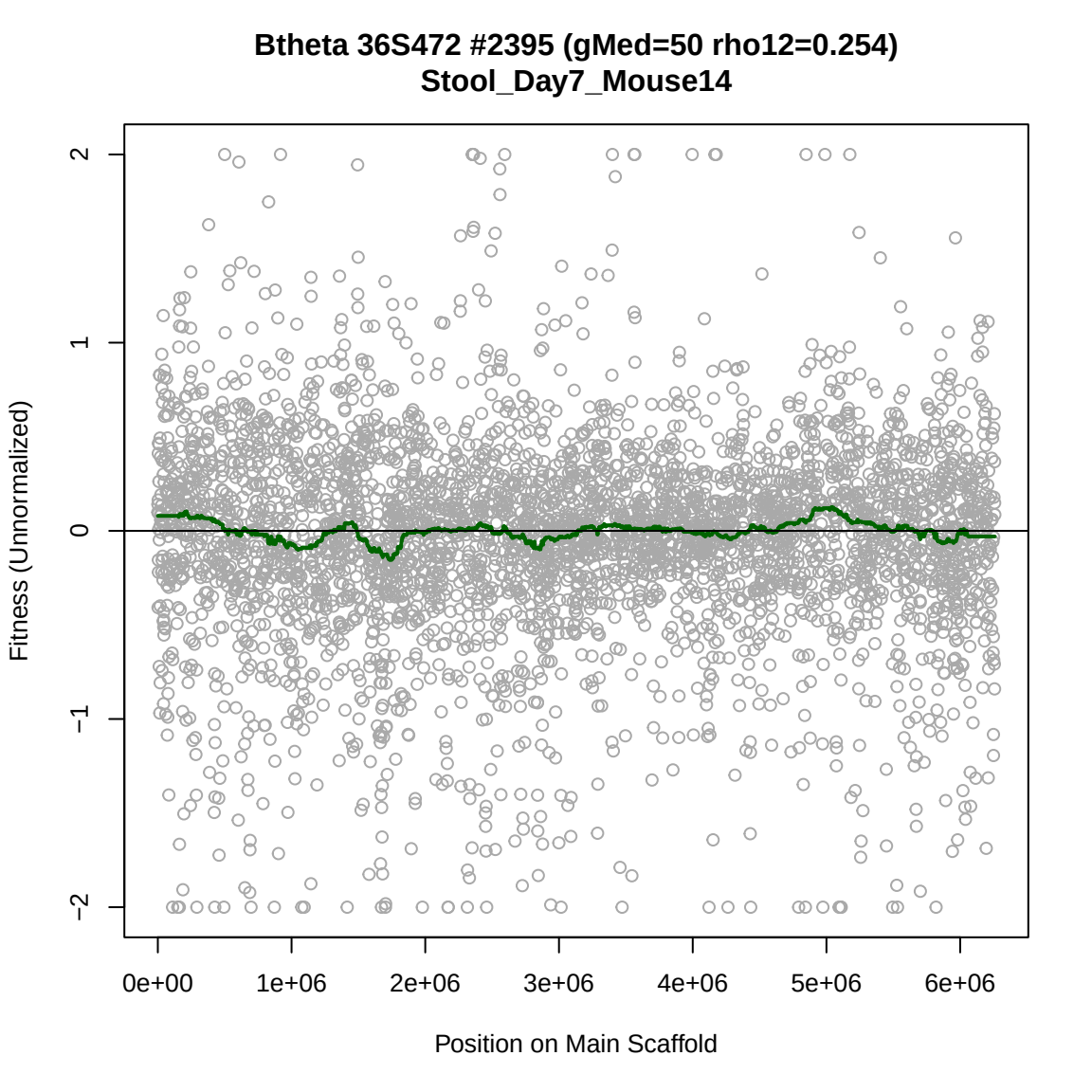

Btheta 36S466 #2390 (gMed=79 rho12=0.283)
Stool_Day7_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

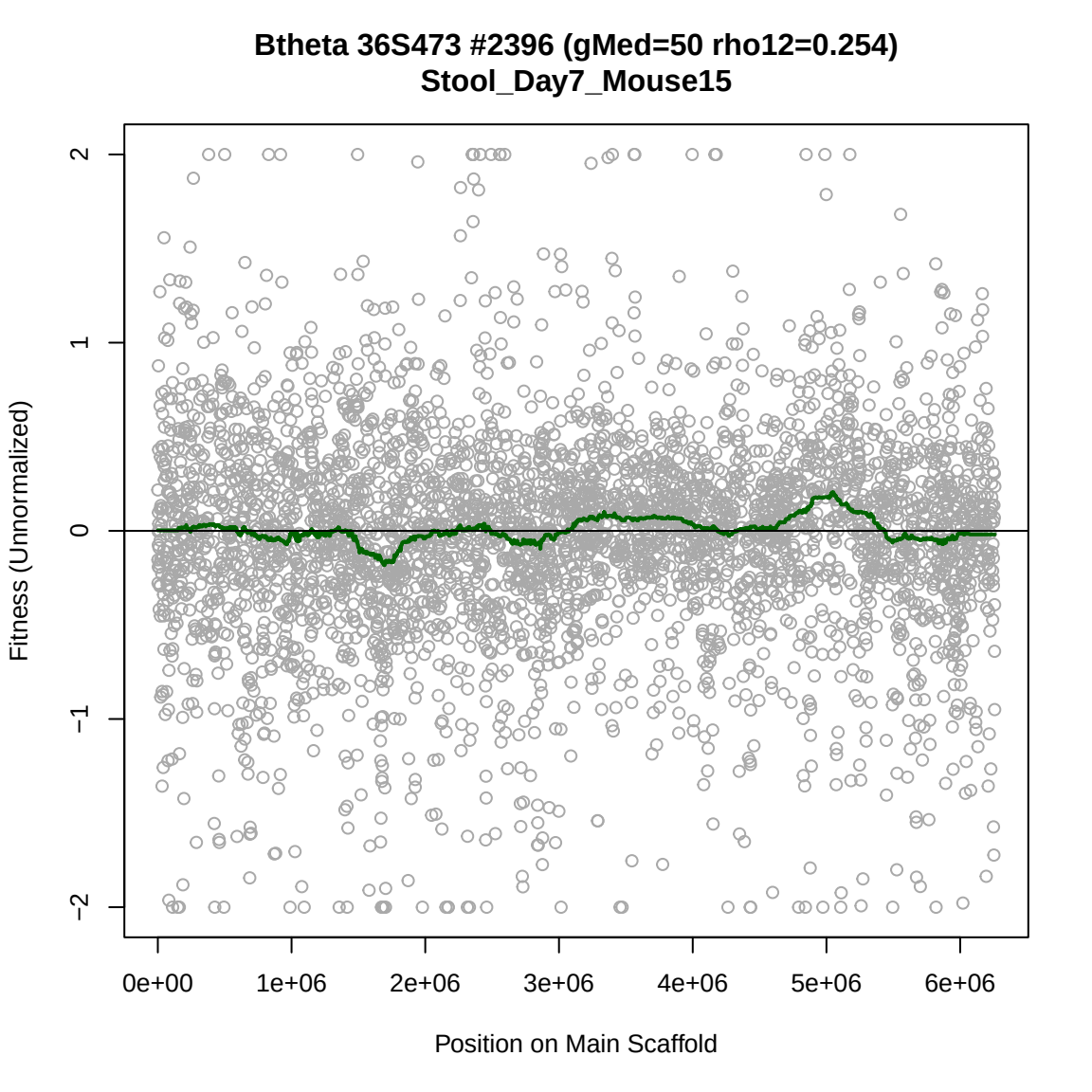

Btheta 36S467 #2391 (gMed=26 rho12=0.208)
Necropsy_stomach_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

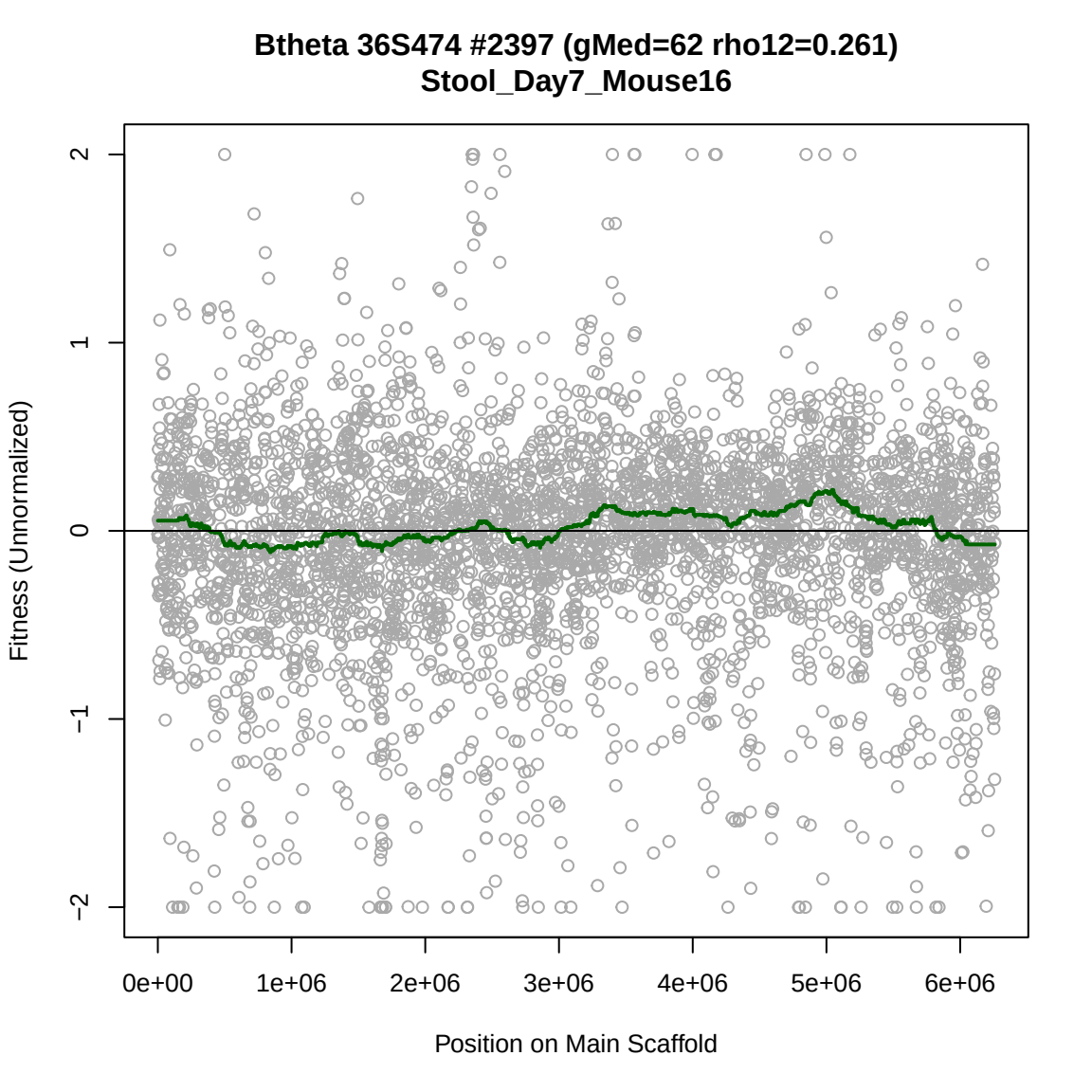

Btheta 36S469 #2392 (gMed=53 rho12=0.195)
Stool_Day7_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

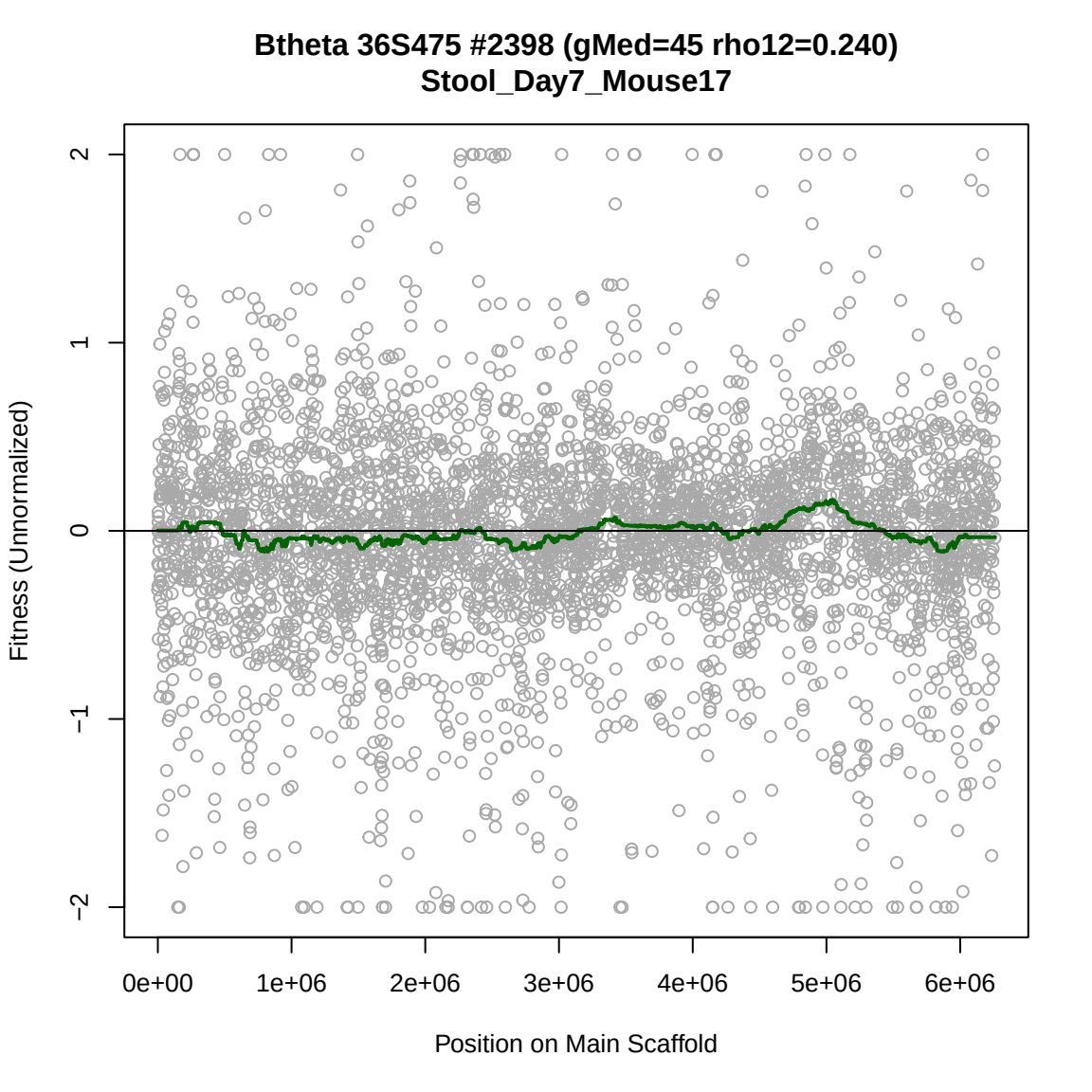

Btheta 36S470 #2393 (gMed=59 rho12=0.246)
Stool_Day7_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

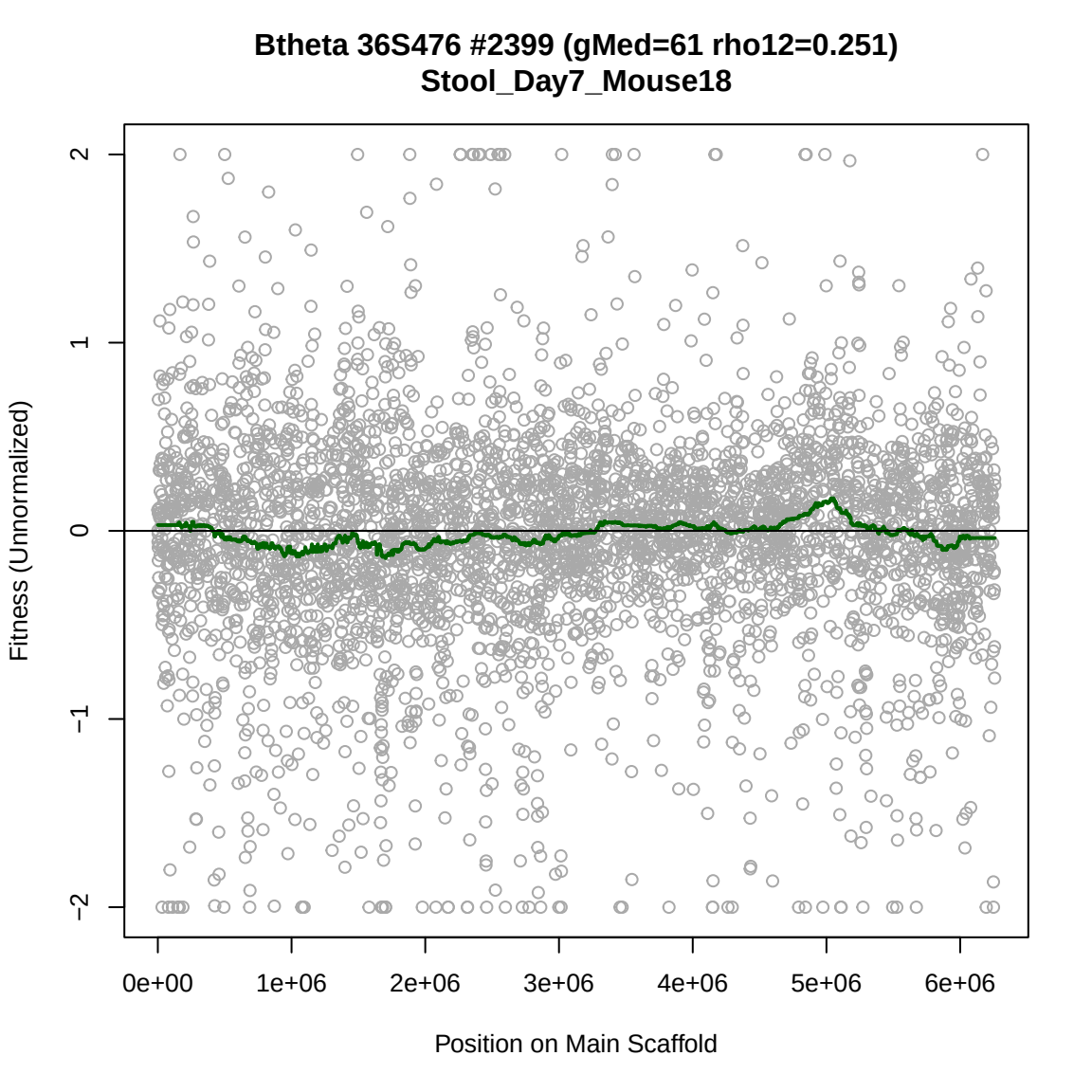

Btheta 36S471 #2394 (gMed=59 rho12=0.227)
Stool_Day7_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

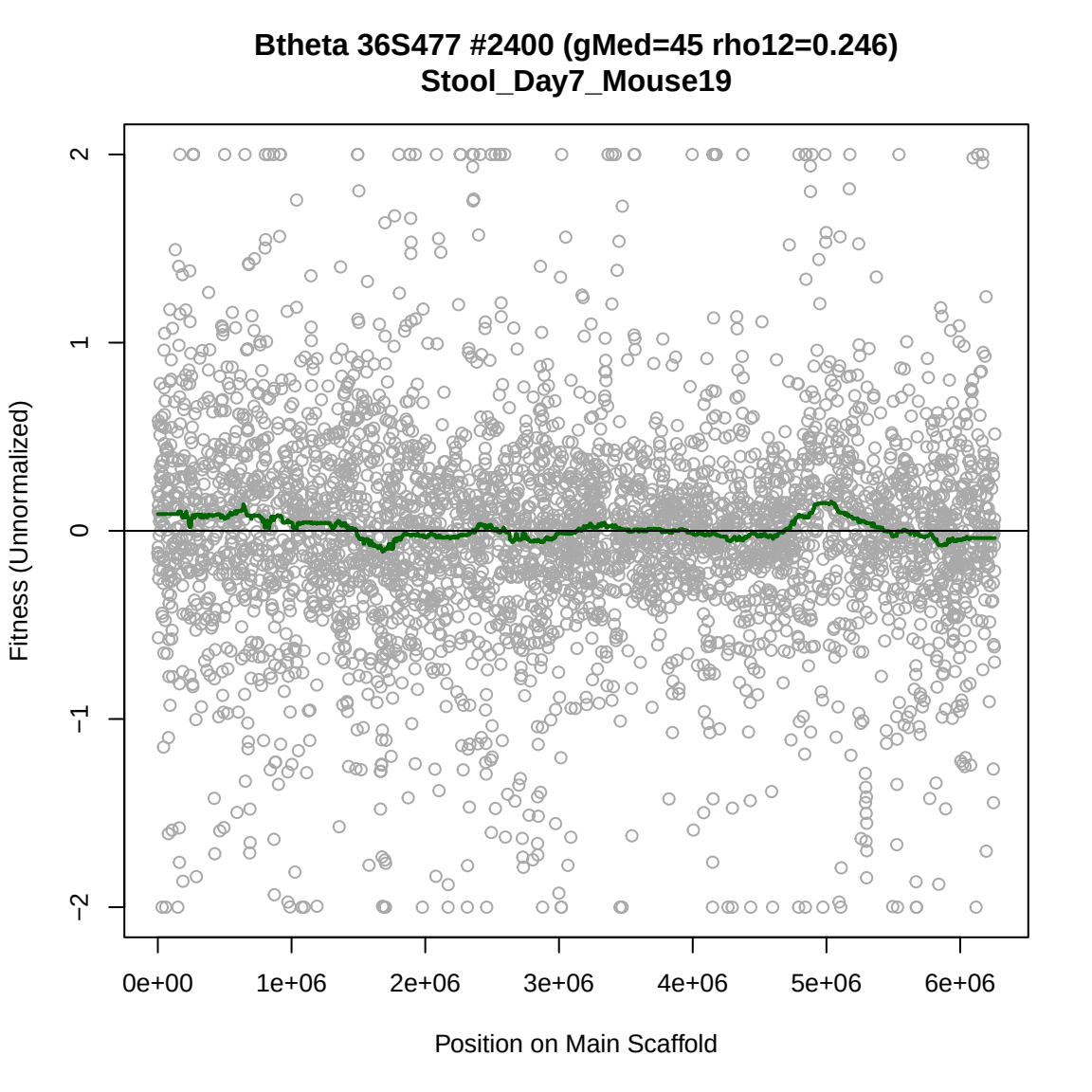

Btheta 36S472 #2395 (gMed=50 rho12=0.254)
Stool_Day7_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

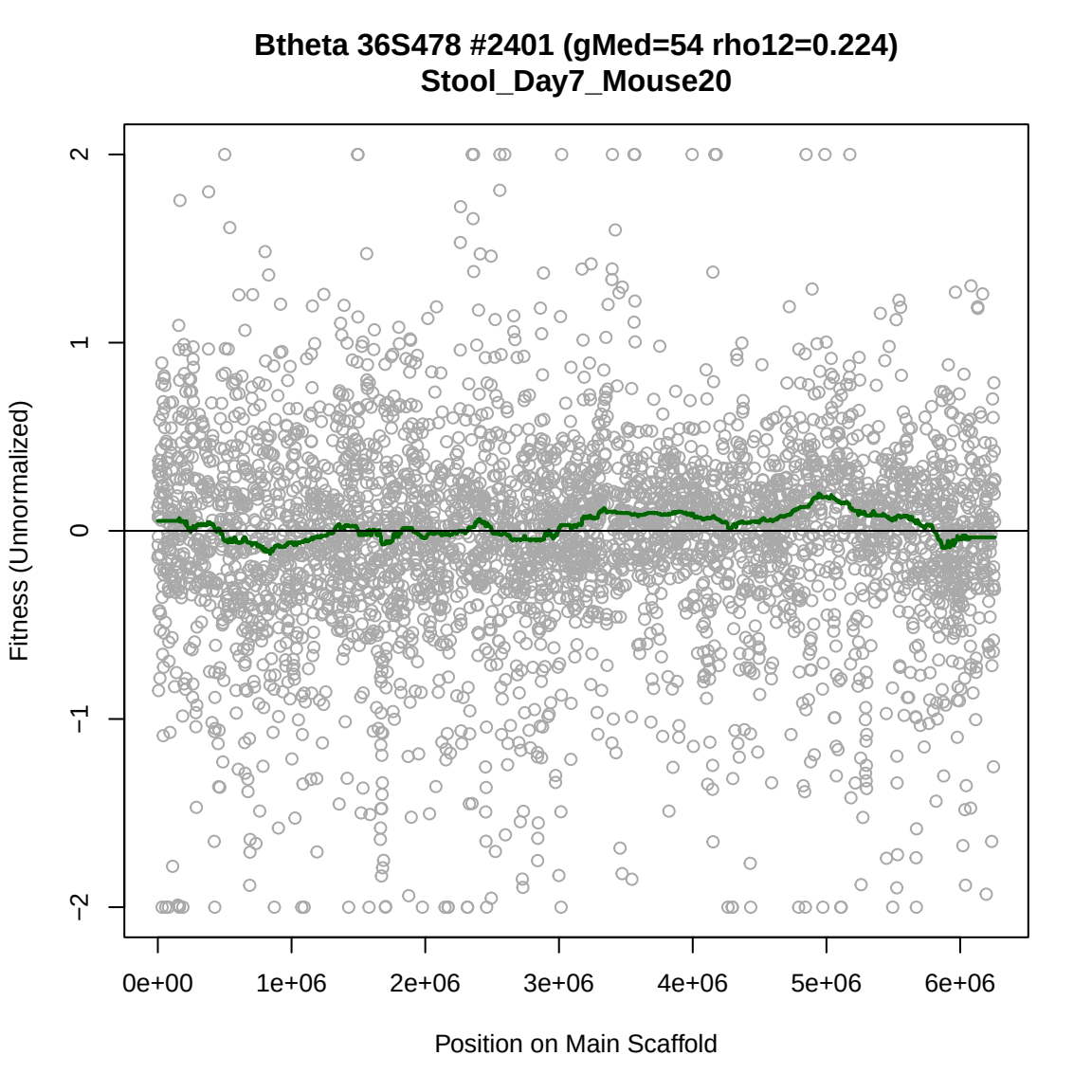

Btheta 36S473 #2396 (gMed=50 rho12=0.254)
Stool_Day7_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

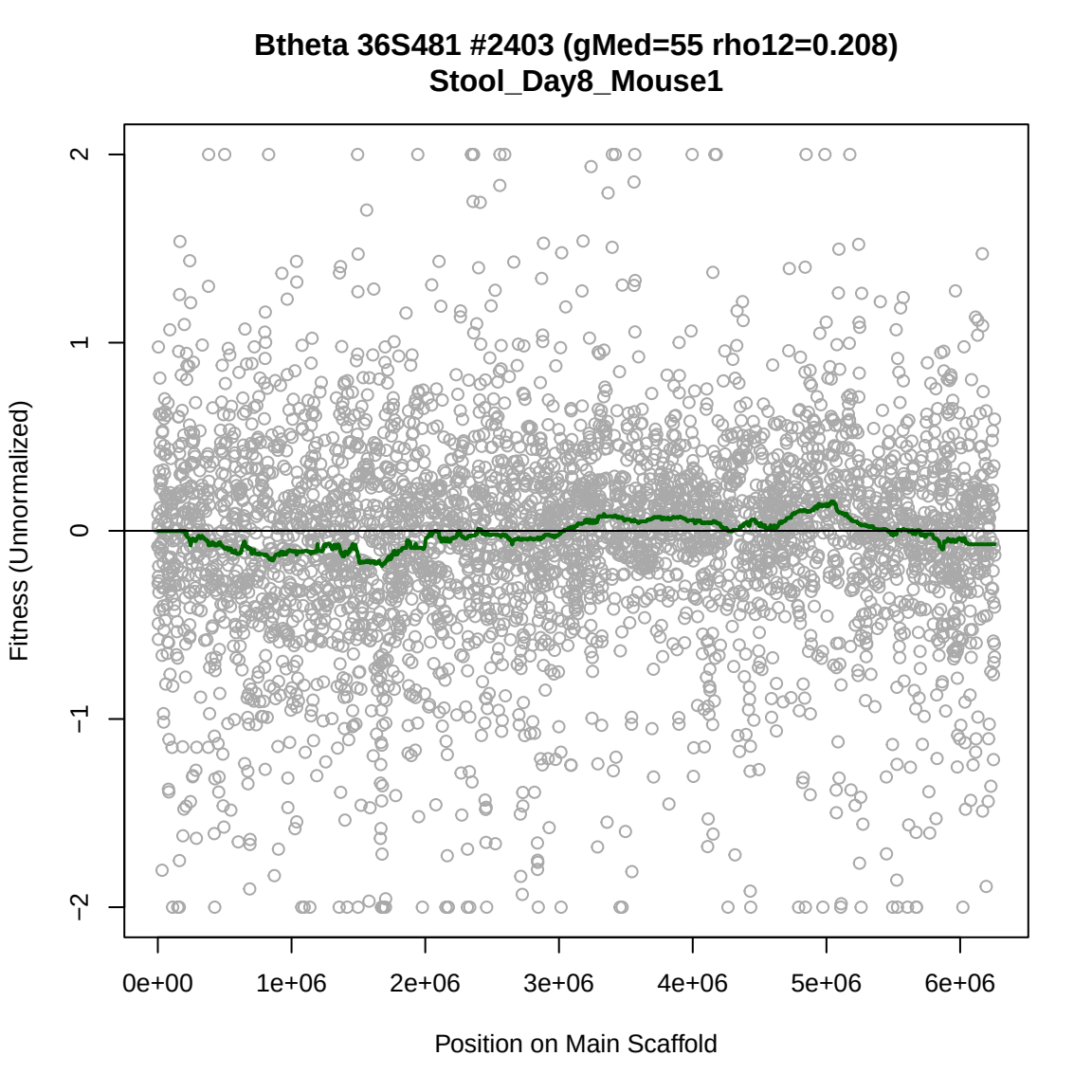

Btheta 36S474 #2397 (gMed=62 rho12=0.261)
Stool_Day7_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

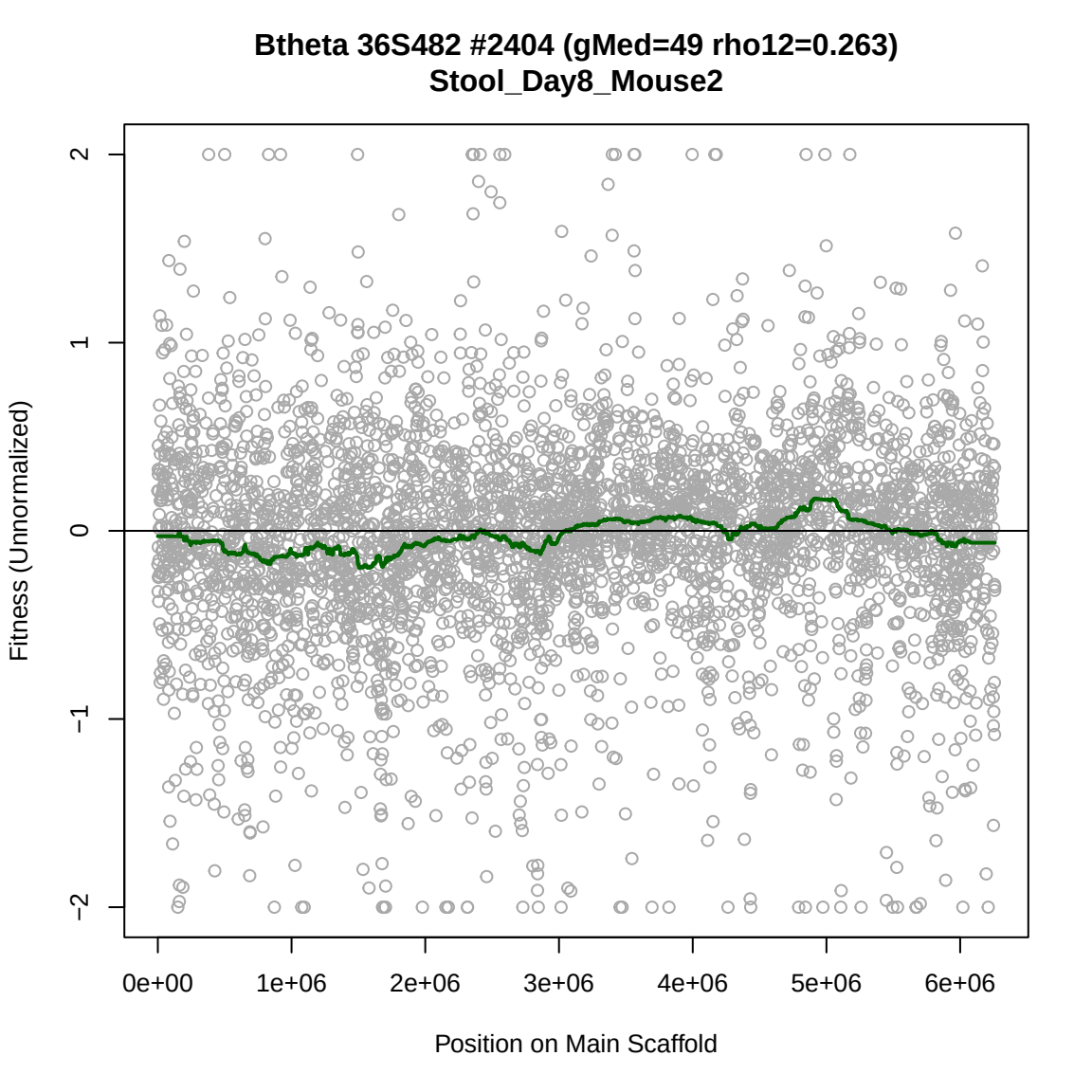

Btheta 36S475 #2398 (gMed=45 rho12=0.240)
Stool_Day7_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

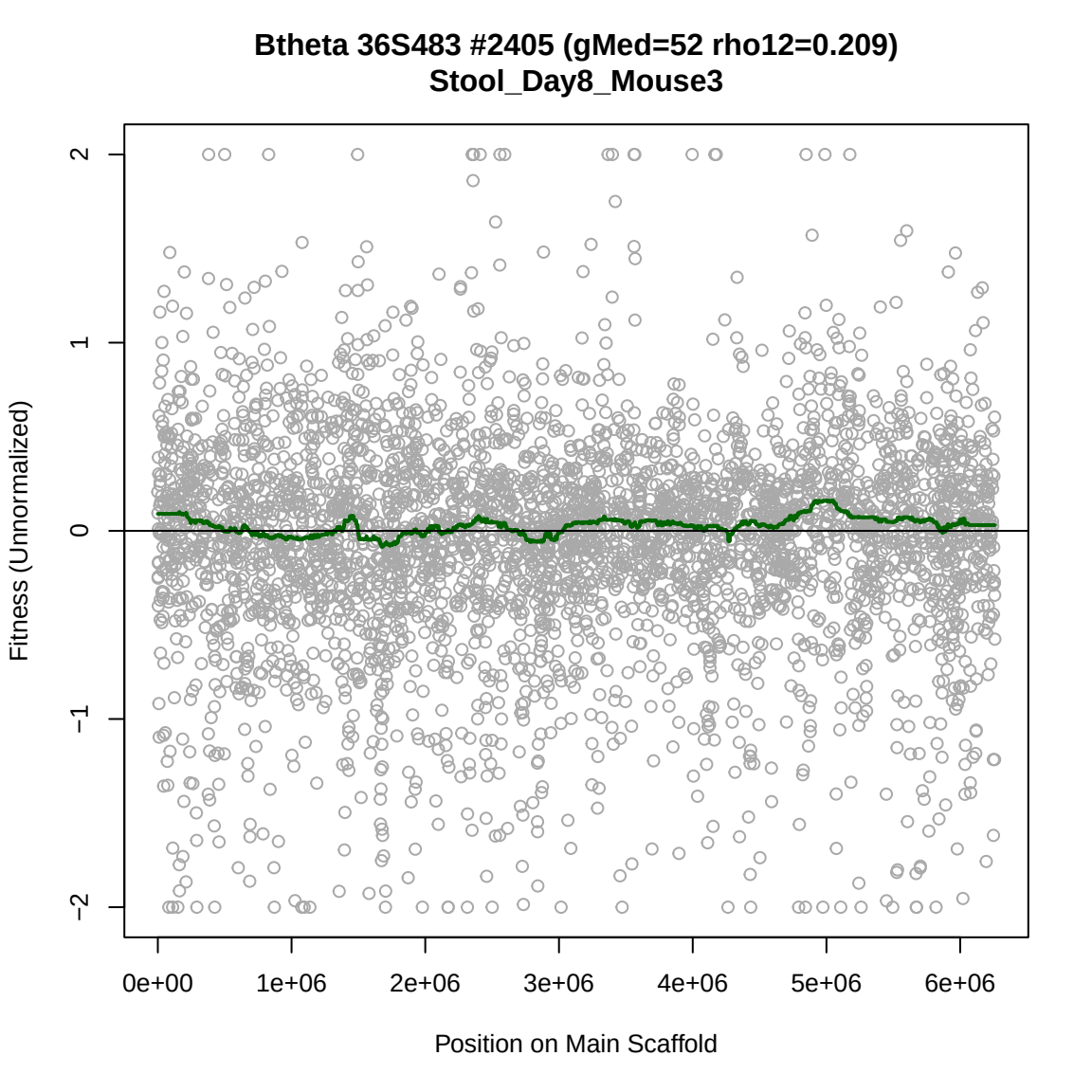

Btheta 36S476 #2399 (gMed=61 rho12=0.251)
Stool_Day7_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

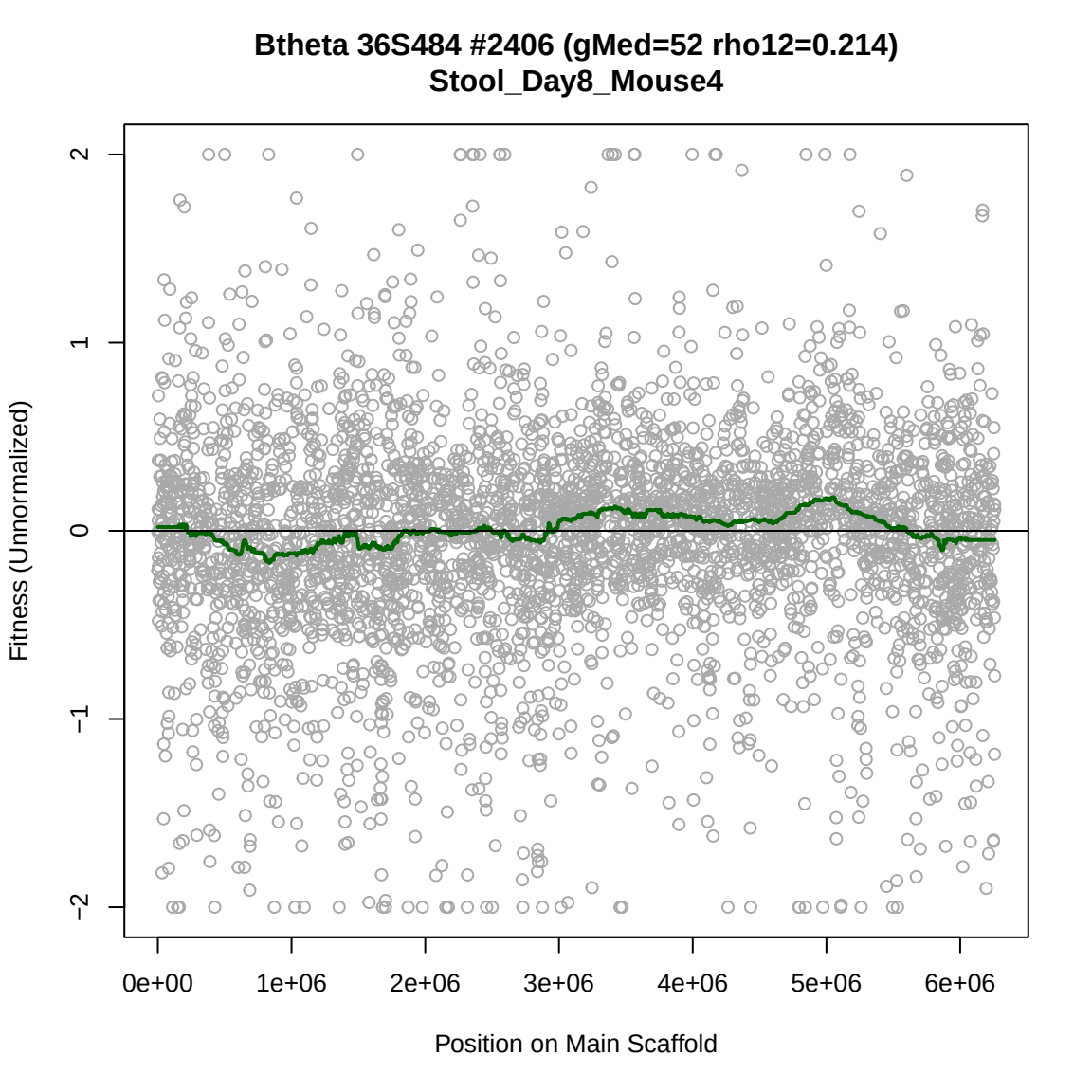

Btheta 36S477 #2400 (gMed=45 rho12=0.246)
Stool_Day7_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

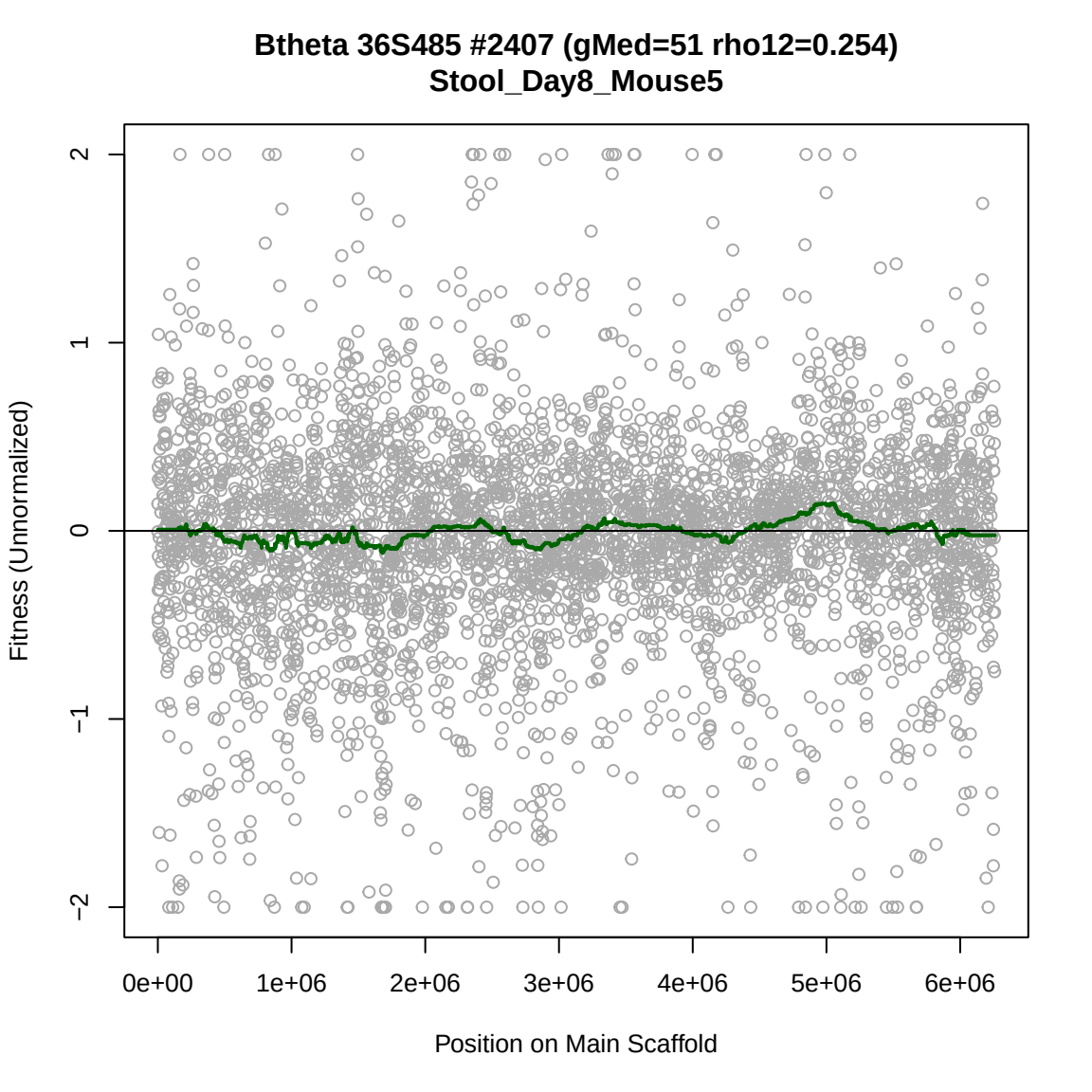

Btheta 36S478 #2401 (gMed=54 rho12=0.224)
Stool_Day7_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

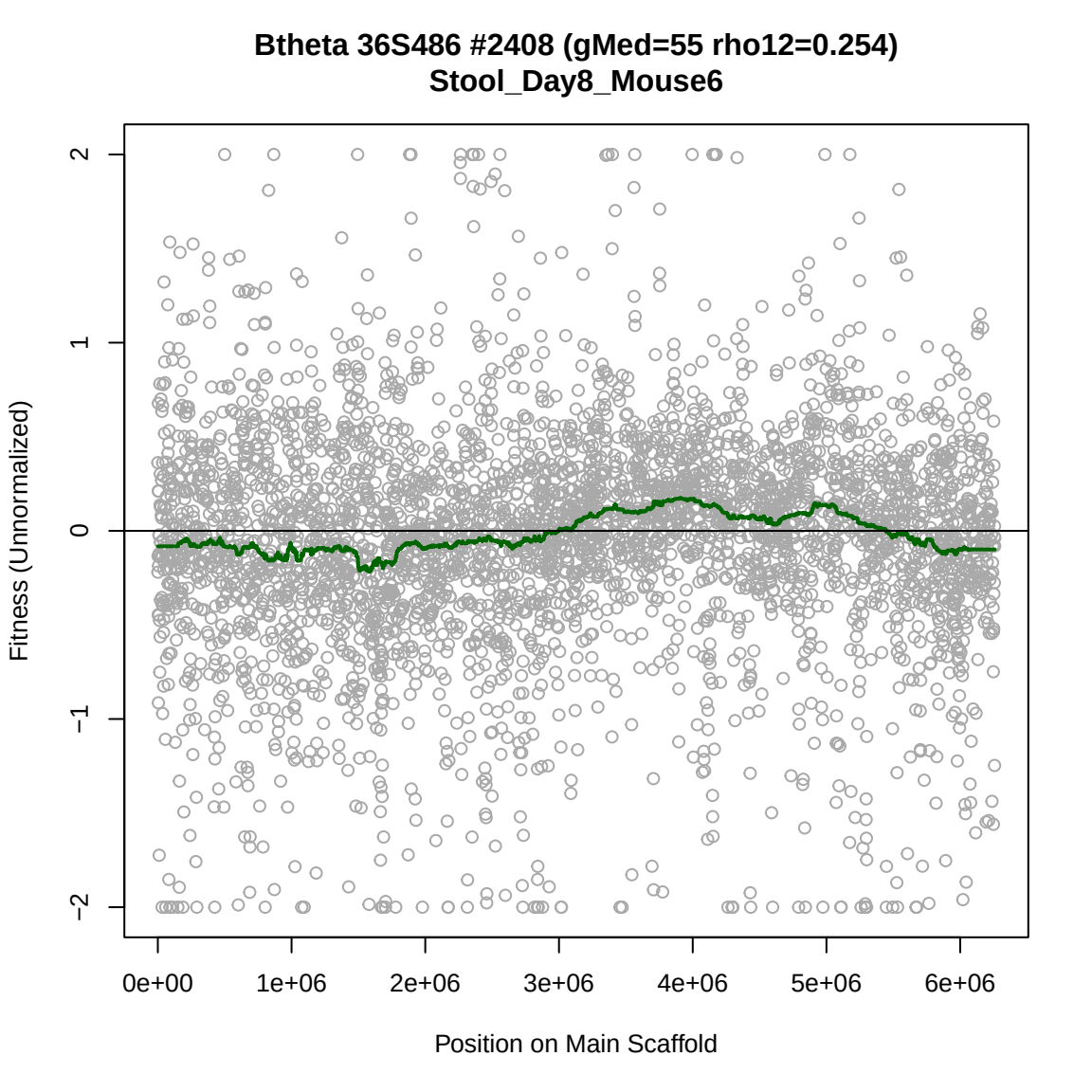

Btheta 36S481 #2403 (gMed=55 rho12=0.208)
Stool_Day8_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

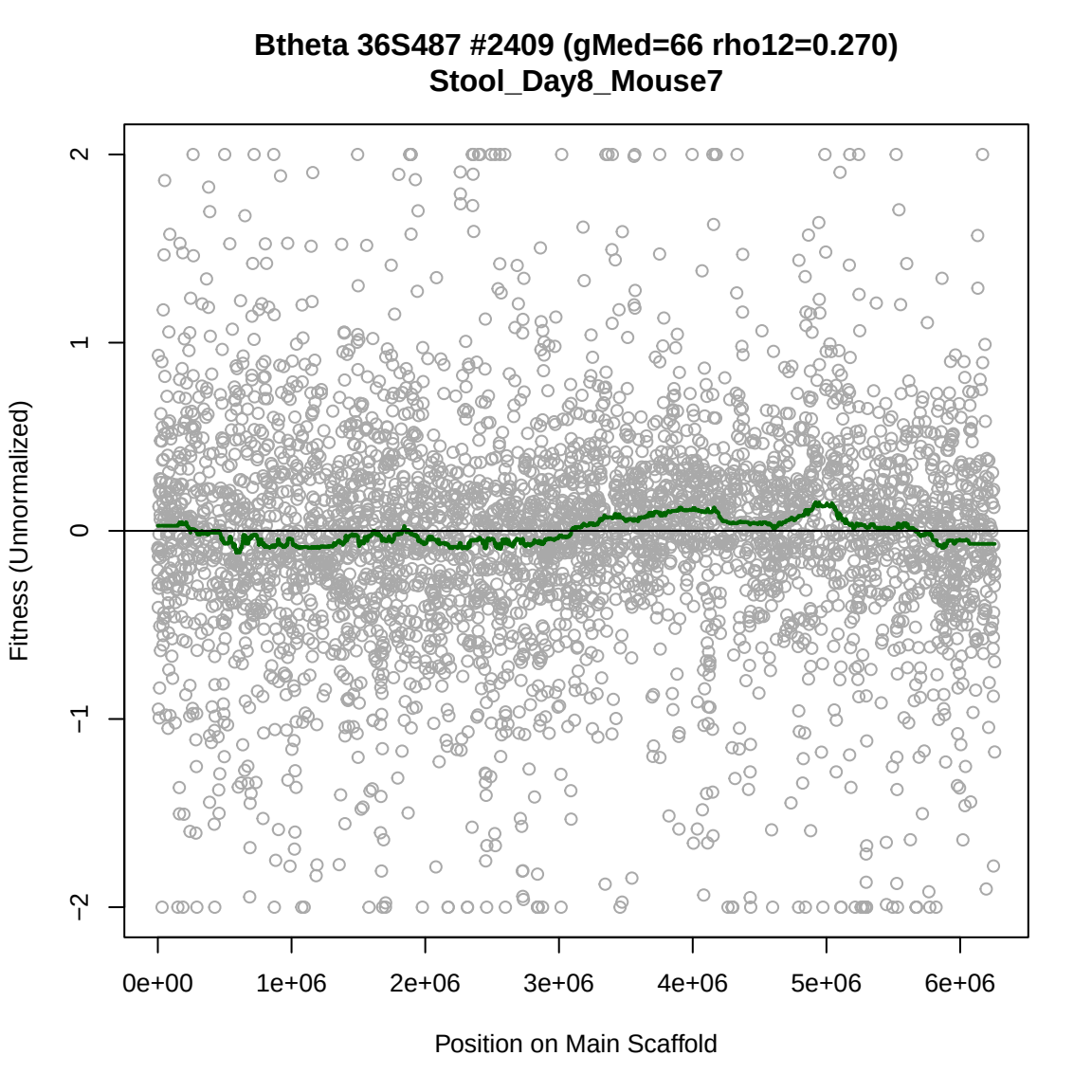

Btheta 36S482 #2404 (gMed=49 rho12=0.263)
Stool_Day8_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

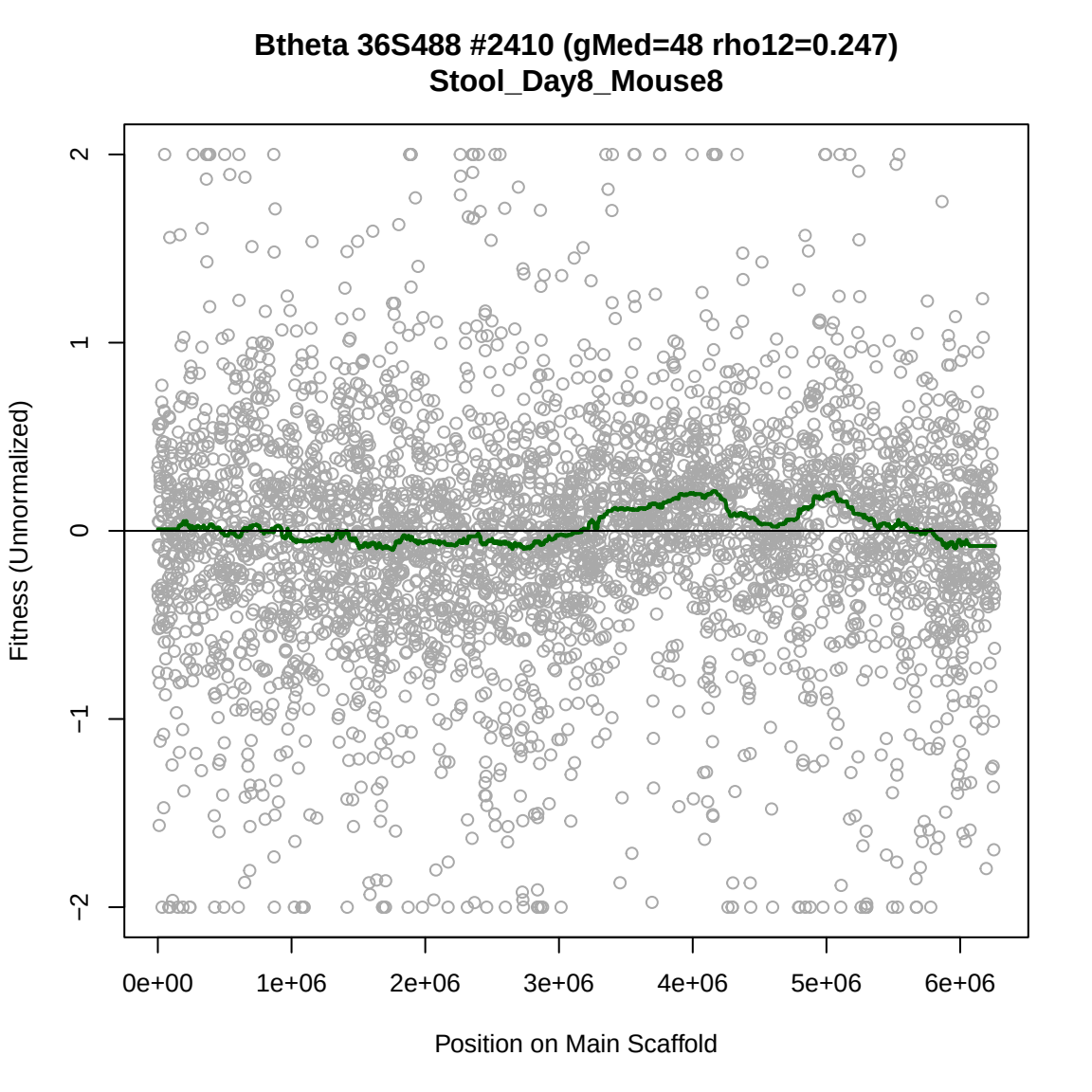

Btheta 36S483 #2405 (gMed=52 rho12=0.209)
Stool_Day8_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

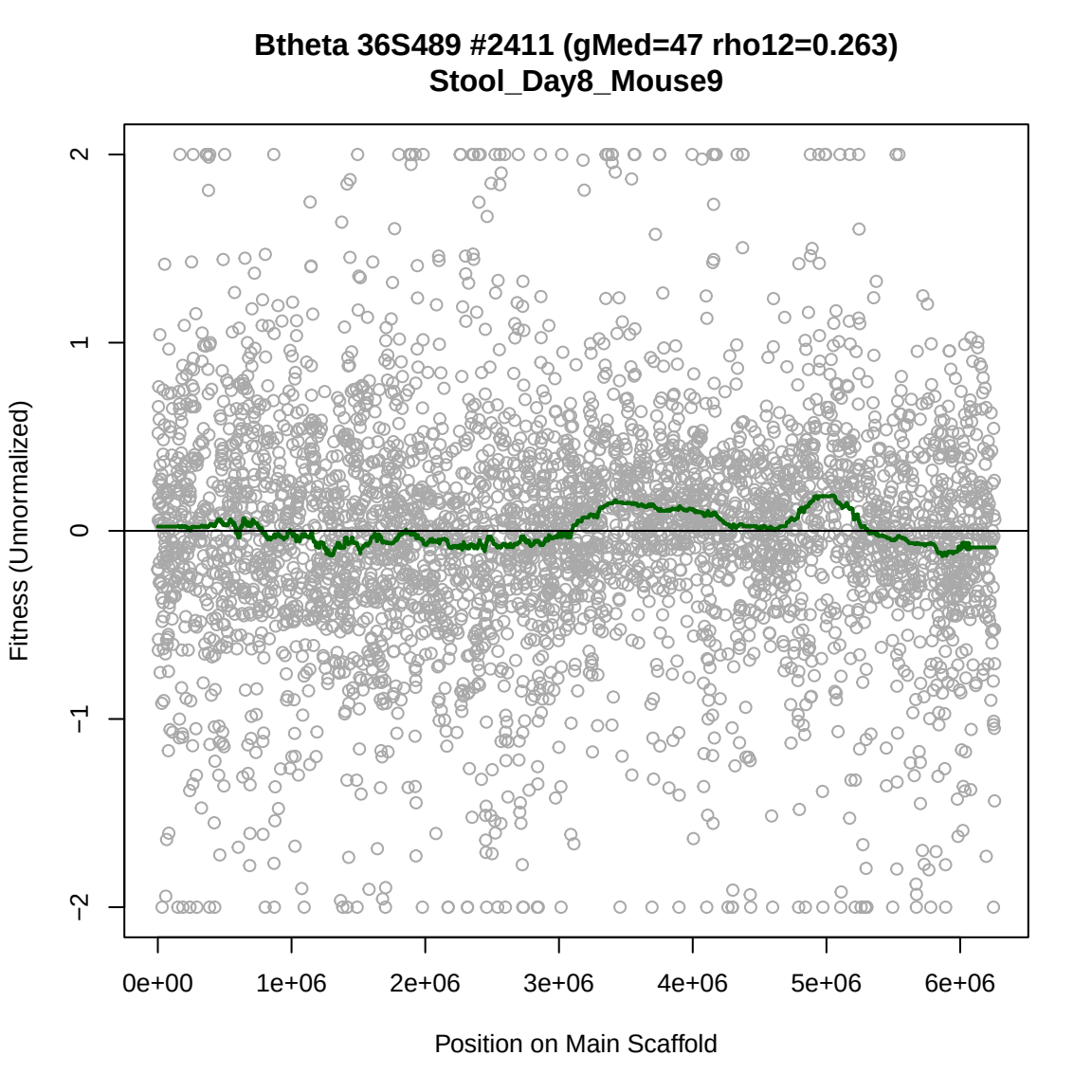

Btheta 36S484 #2406 (gMed=52 rho12=0.214)
Stool_Day8_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

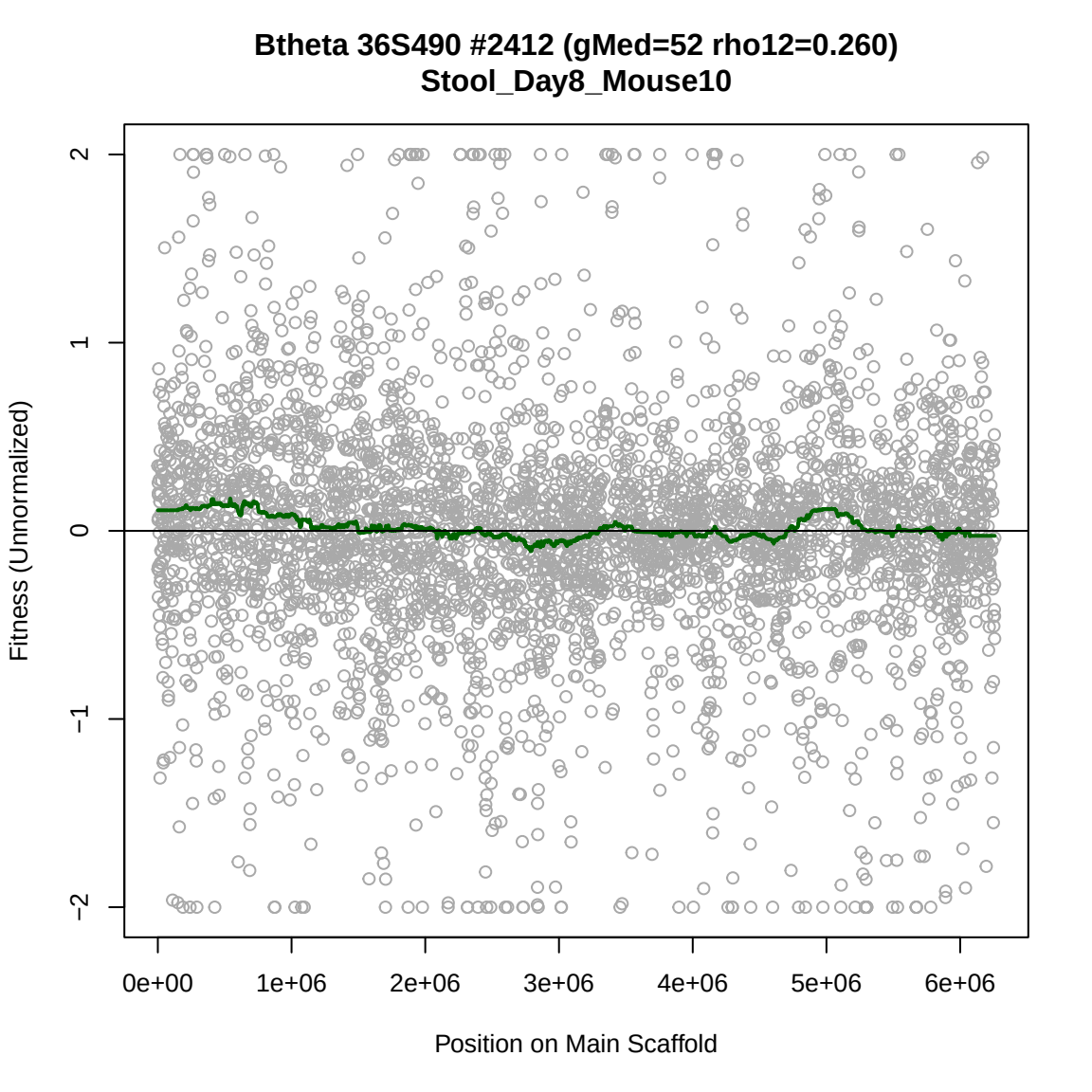

Btheta 36S485 #2407 (gMed=51 rho12=0.254)
Stool_Day8_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

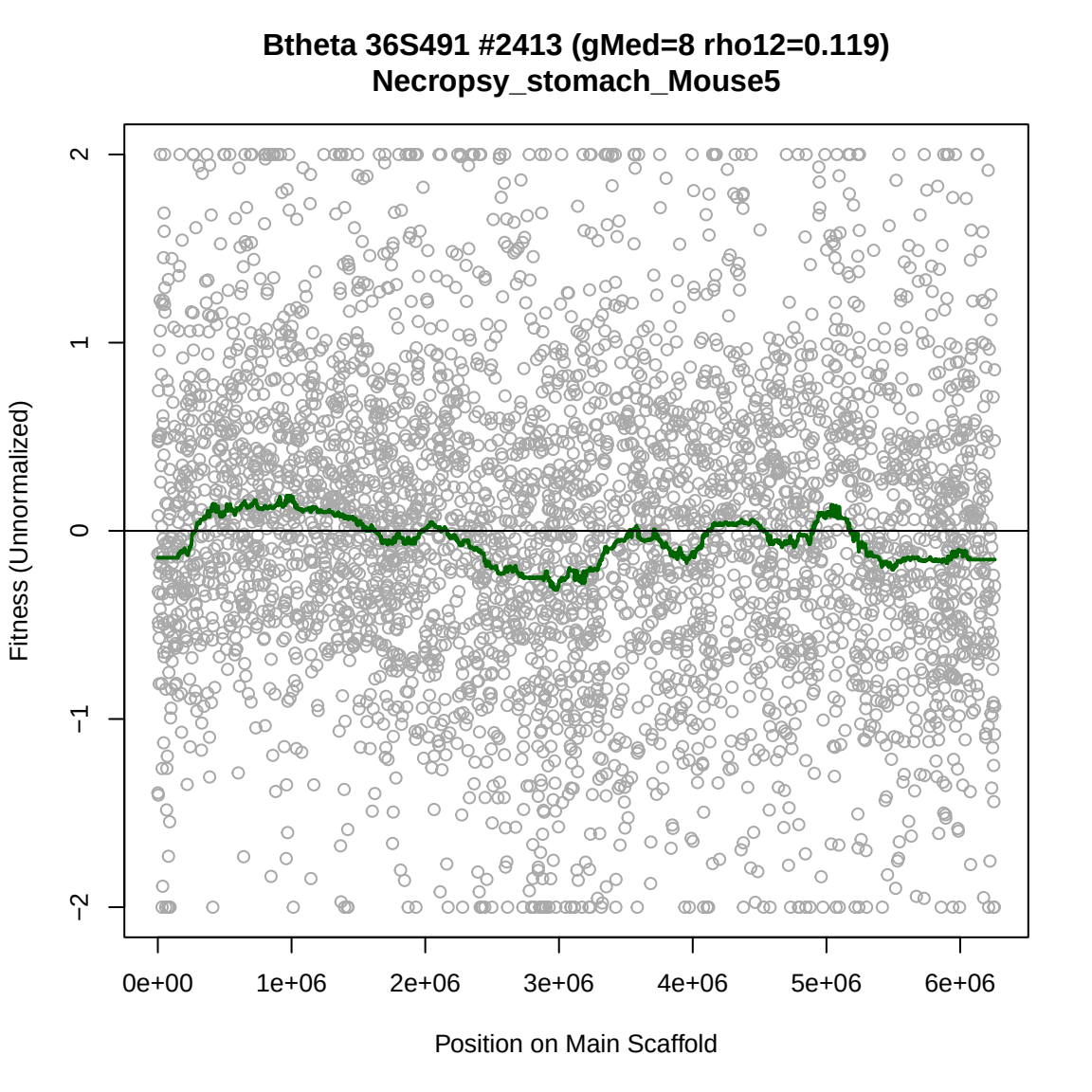

Btheta 36S486 #2408 (gMed=55 rho12=0.254)
Stool_Day8_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

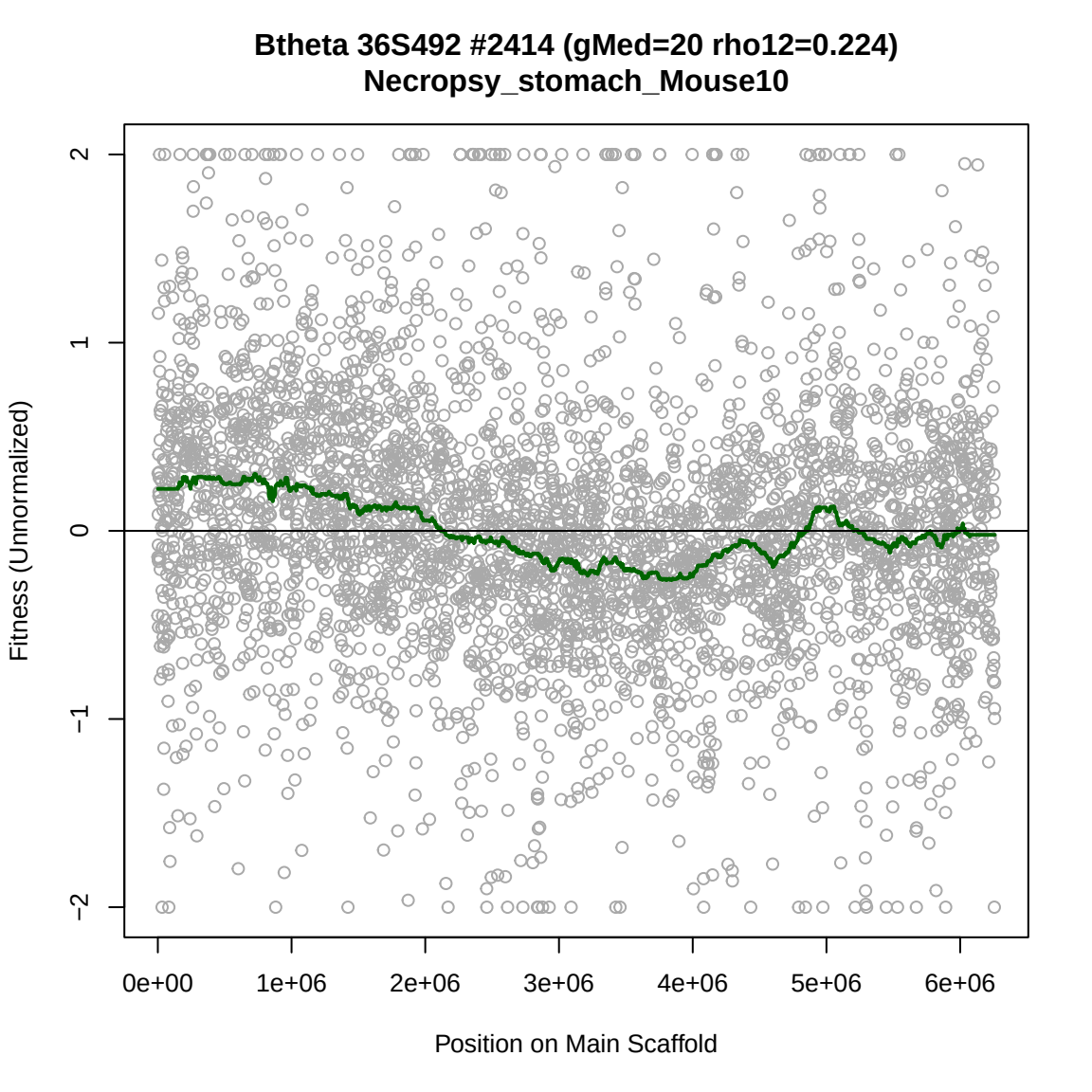

Btheta 36S487 #2409 (gMed=66 rho12=0.270)
Stool_Day8_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

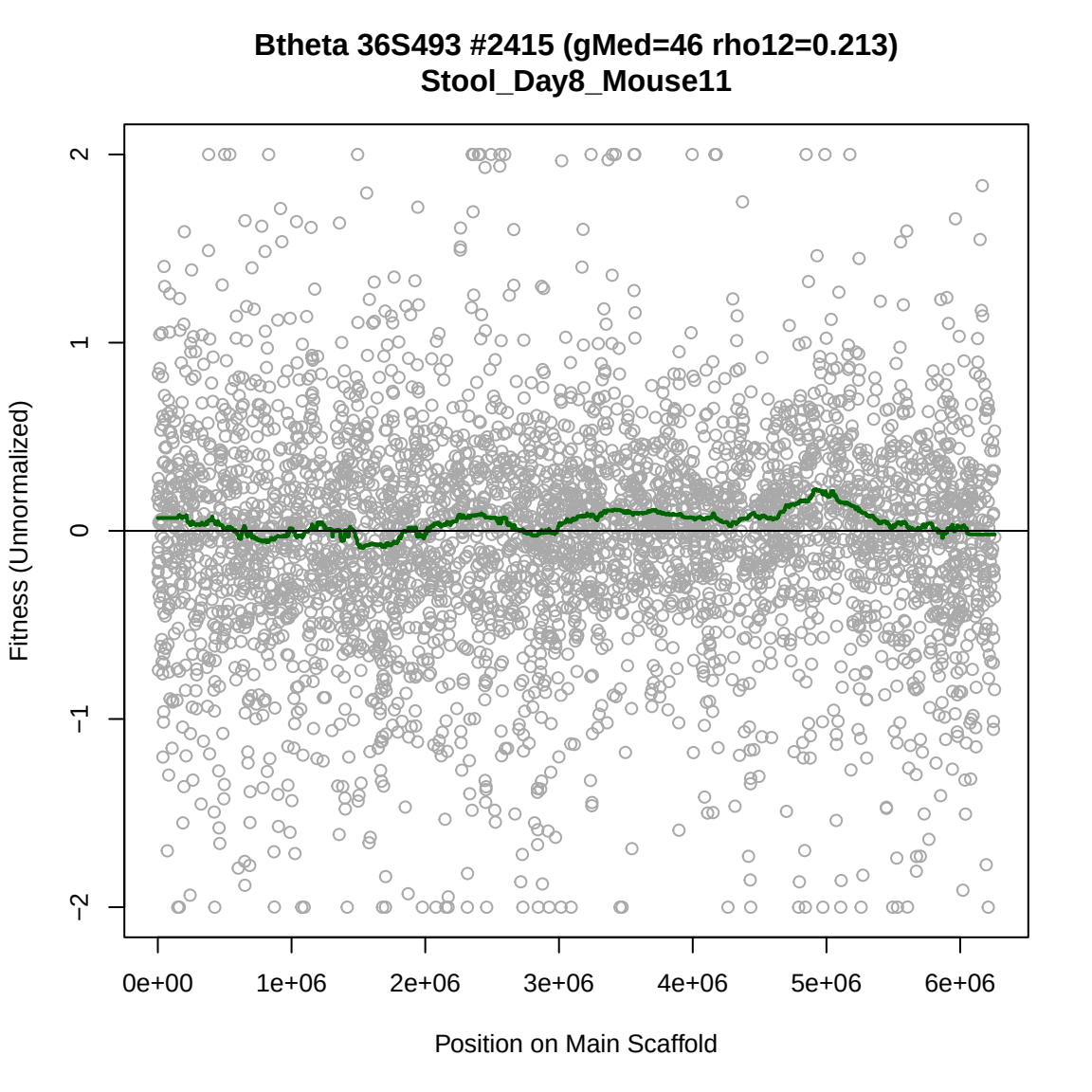

Btheta 36S488 #2410 (gMed=48 rho12=0.247)
Stool_Day8_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

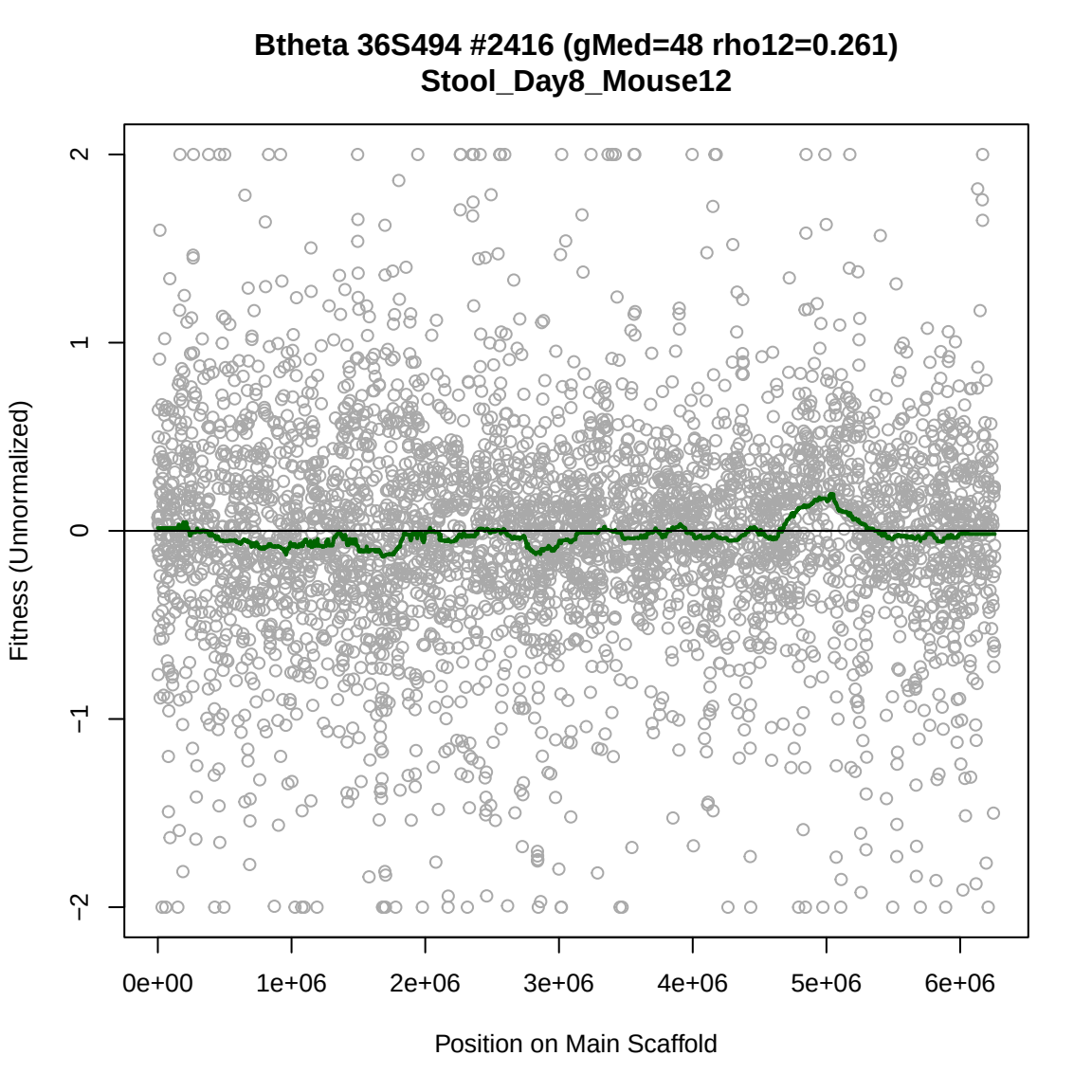

Btheta 36S489 #2411 (gMed=47 rho12=0.263)
Stool_Day8_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

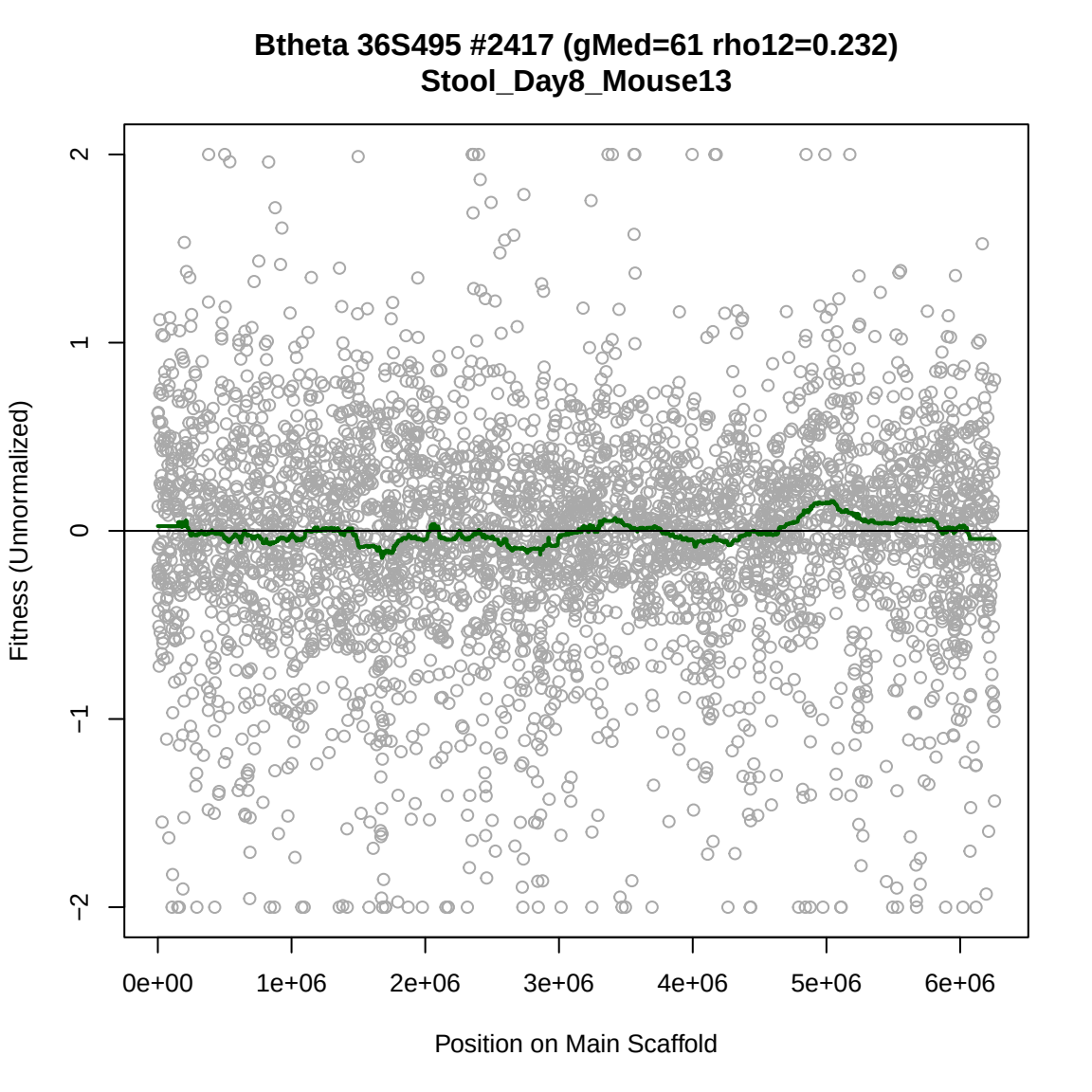

Btheta 36S490 #2412 (gMed=52 rho12=0.260)
Stool_Day8_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

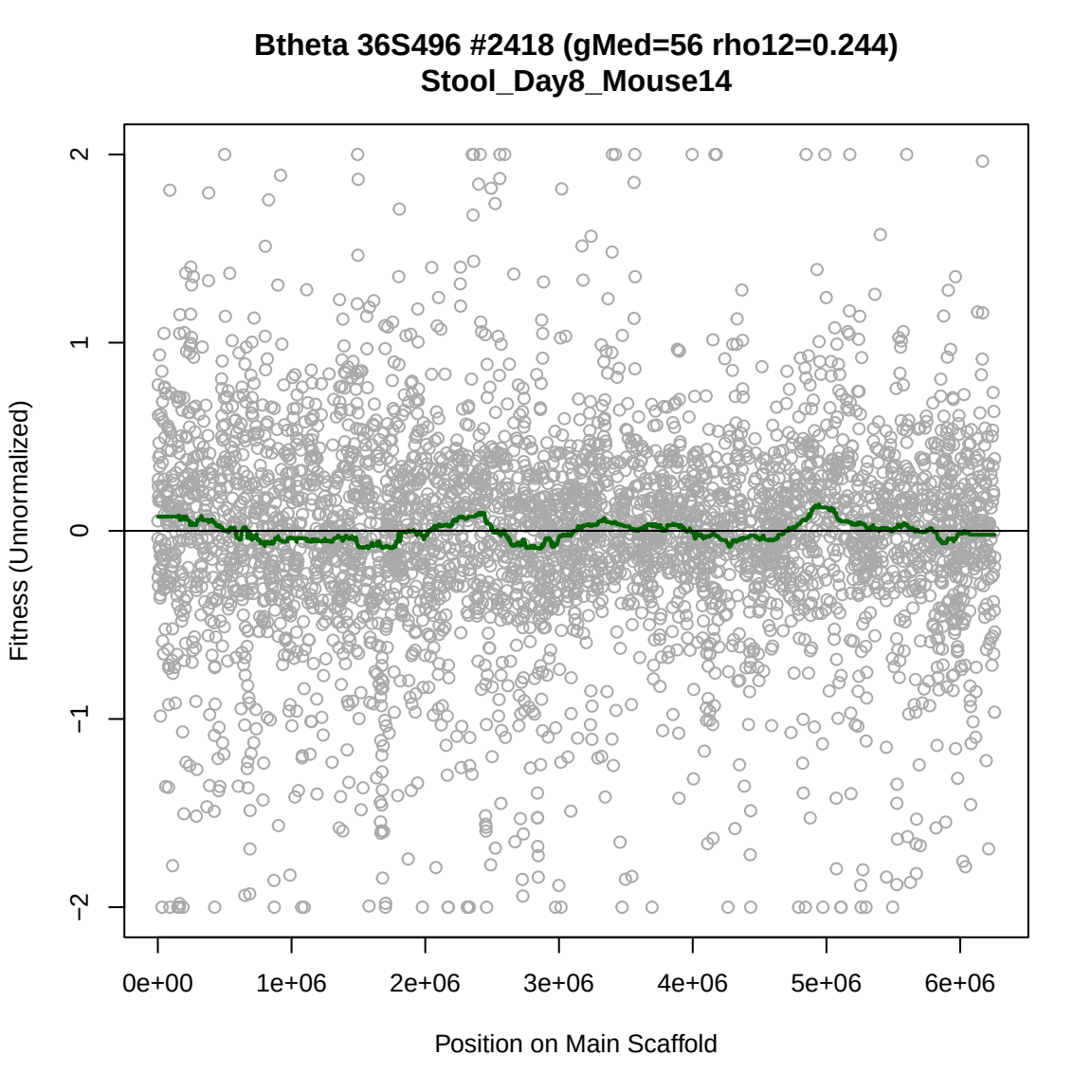

Btheta 36S491 #2413 (gMed=8 rho12=0.119)
Necropsy_stomach_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

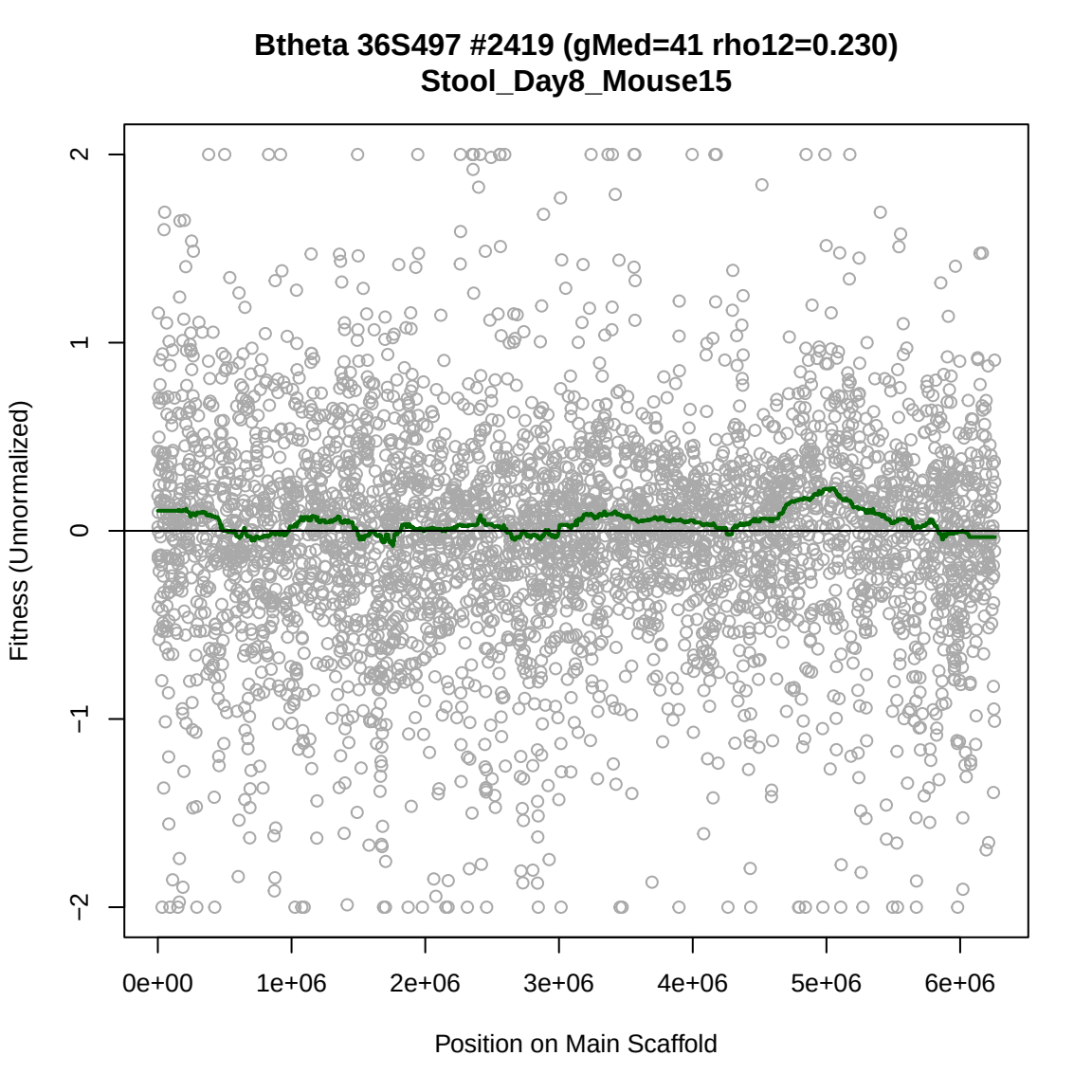

Btheta 36S492 #2414 (gMed=20 rho12=0.224)
Necropsy_stomach_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

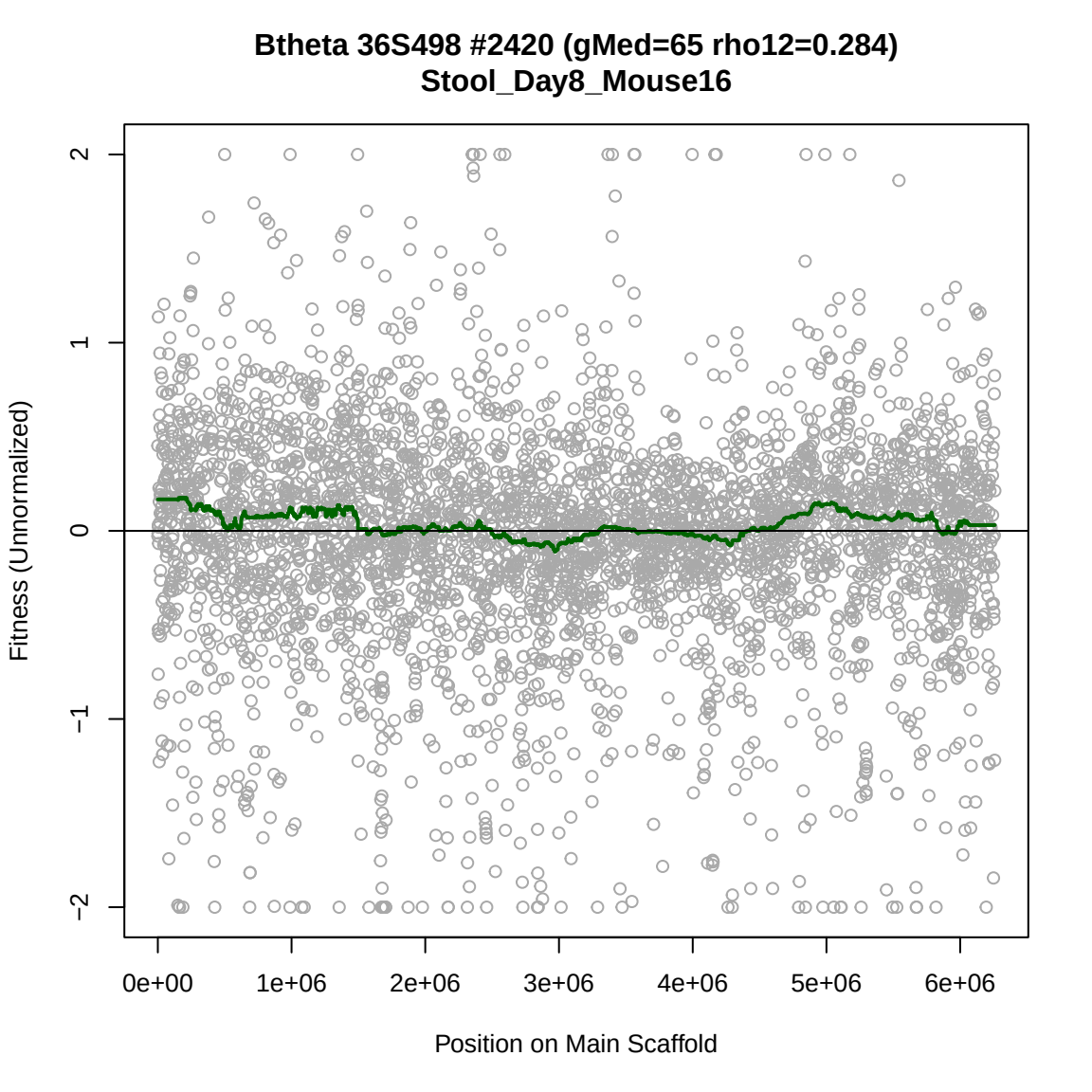

Btheta 36S493 #2415 (gMed=46 rho12=0.213)
Stool_Day8_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

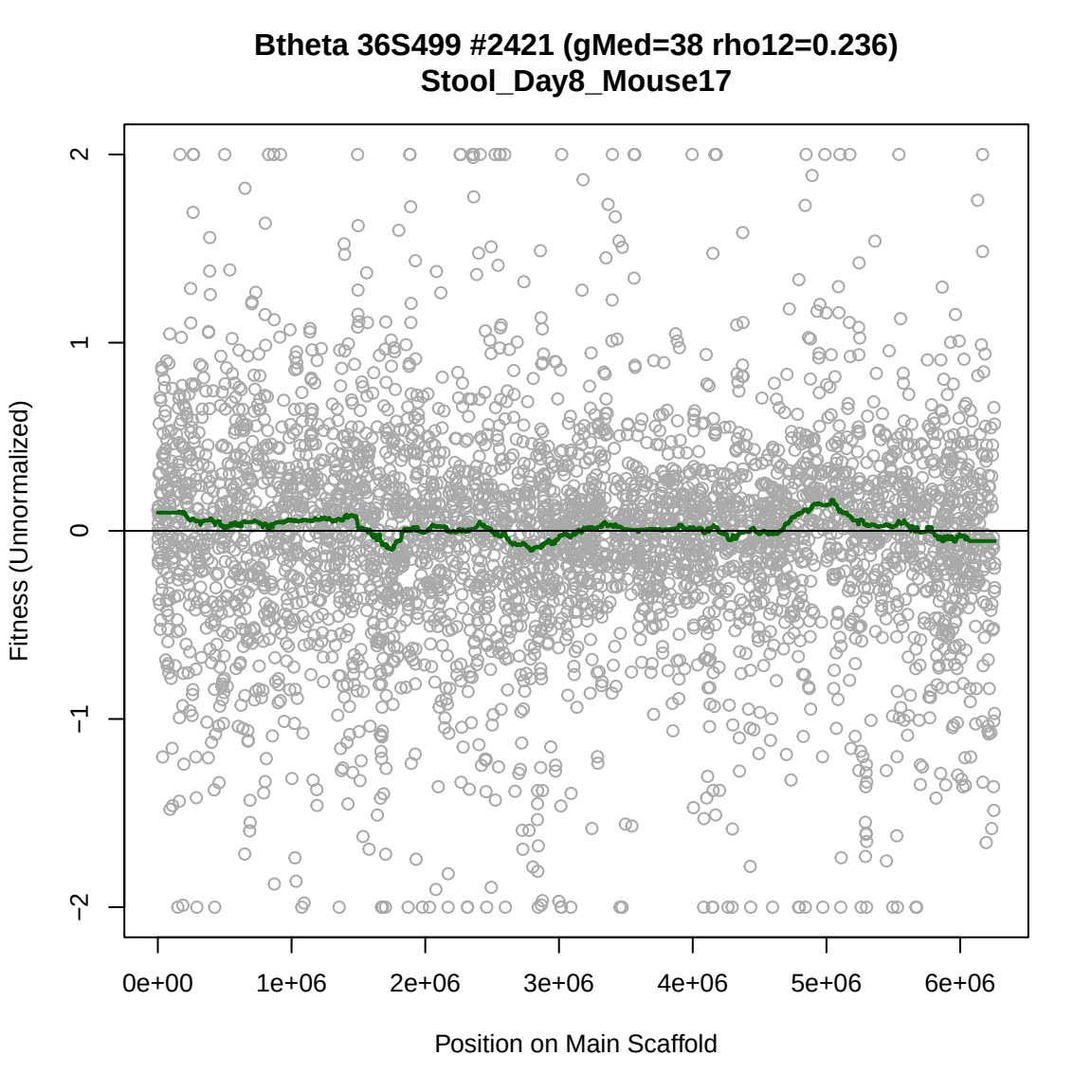

Btheta 36S494 #2416 (gMed=48 rho12=0.261)
Stool_Day8_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

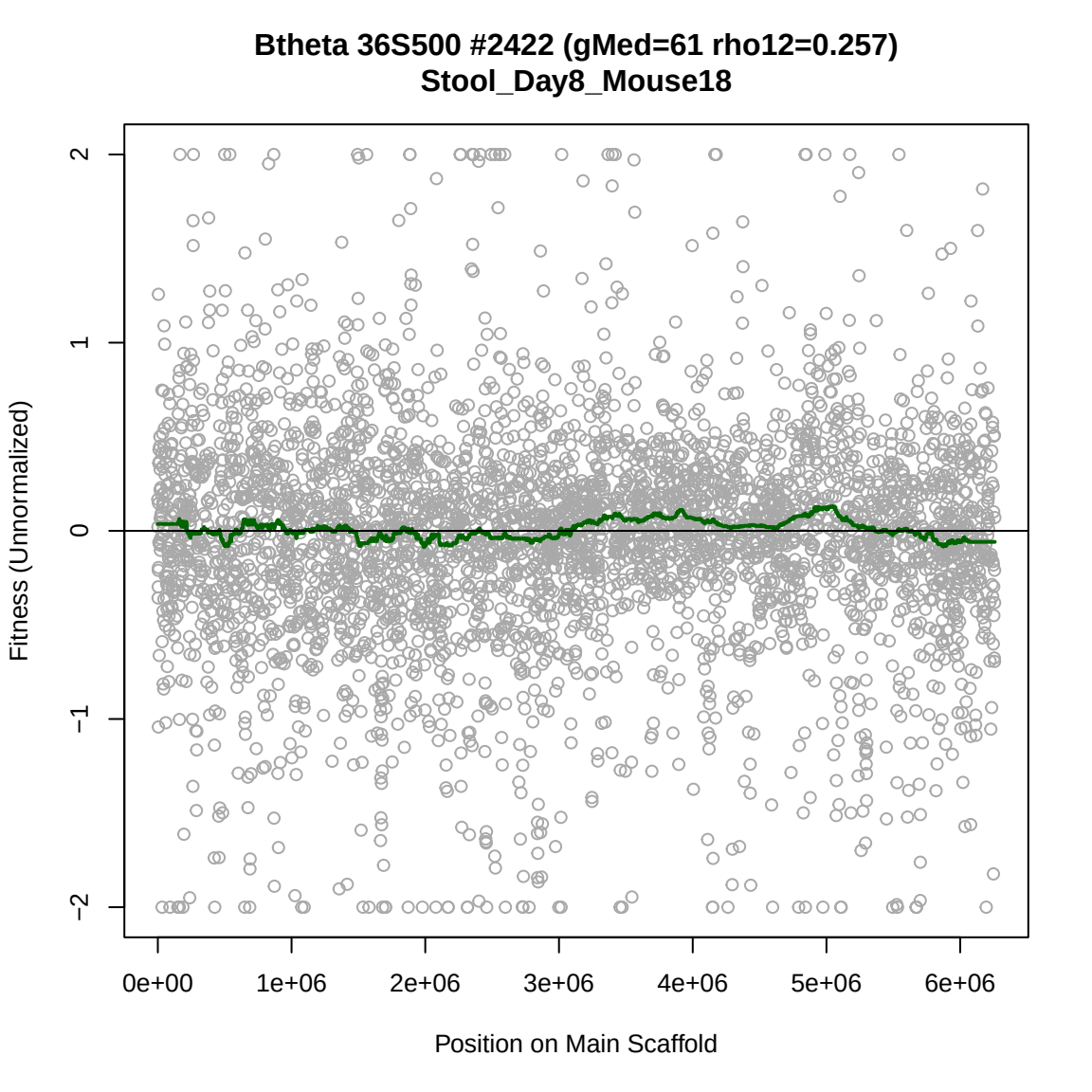

Btheta 36S495 #2417 (gMed=61 rho12=0.232)
Stool_Day8_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

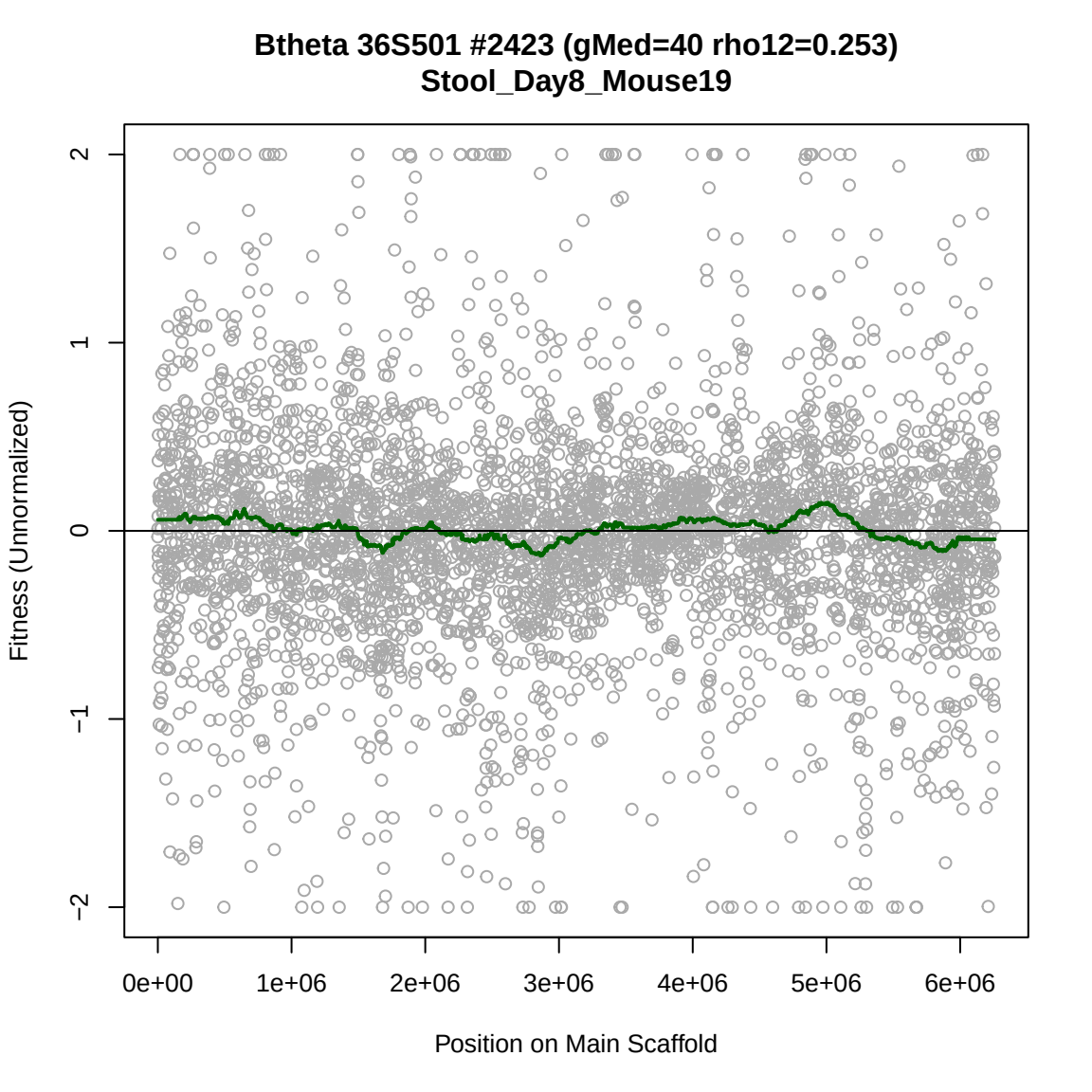

Btheta 36S496 #2418 (gMed=56 rho12=0.244)
Stool_Day8_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

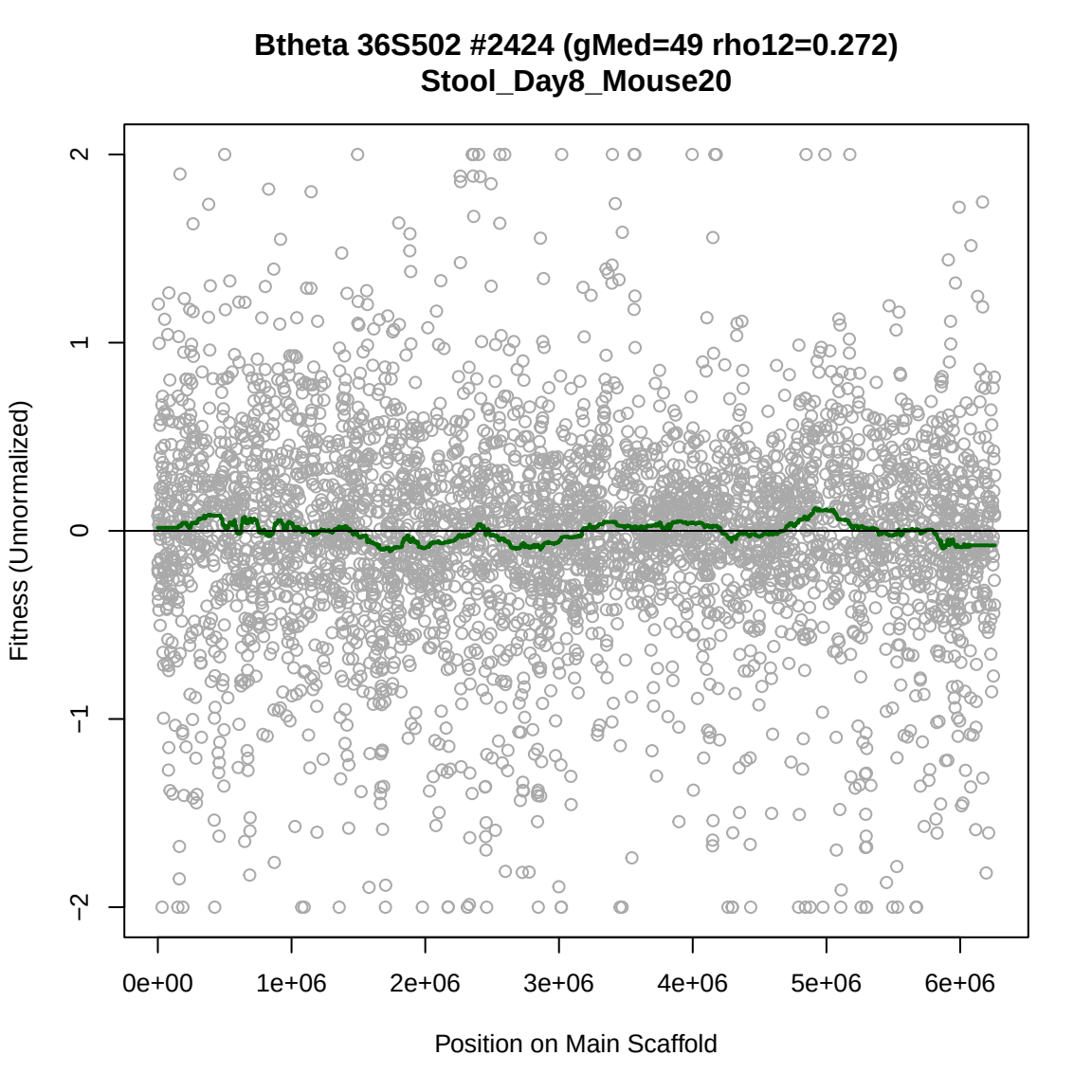

Btheta 36S497 #2419 (gMed=41 rho12=0.230)
Stool_Day8_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

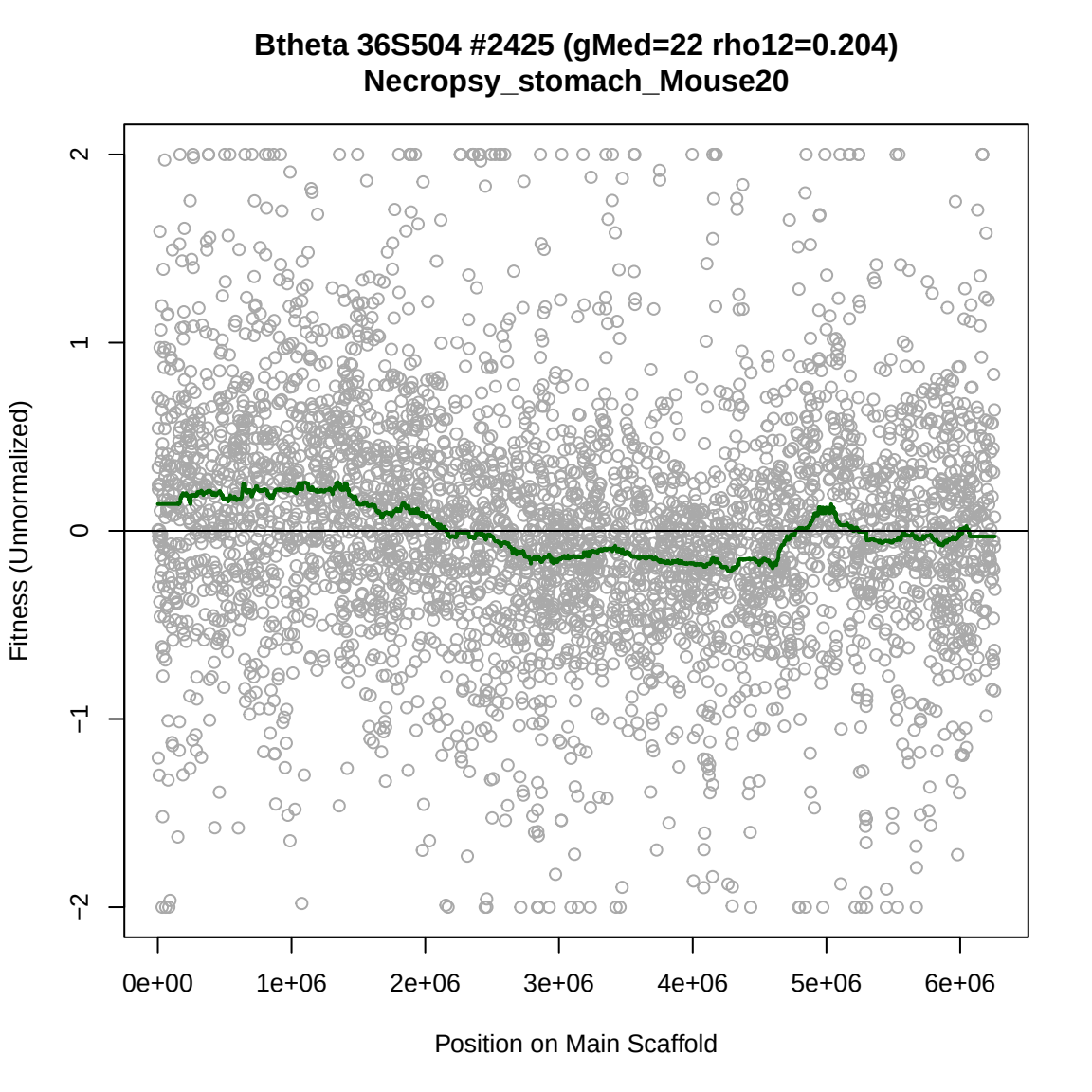

Btheta 36S498 #2420 (gMed=65 rho12=0.284)
Stool_Day8_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

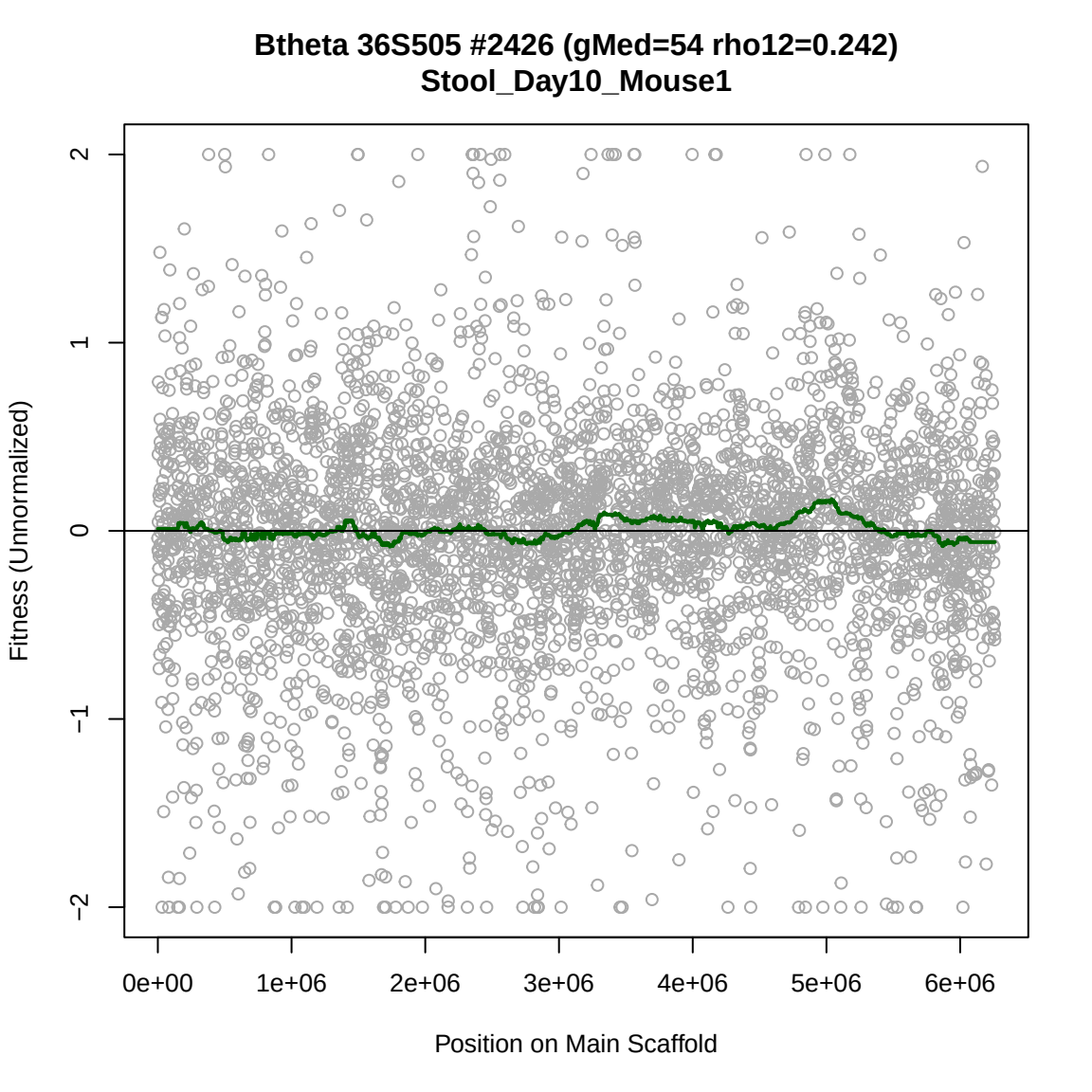

Btheta 36S499 #2421 (gMed=38 rho12=0.236)
Stool_Day8_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

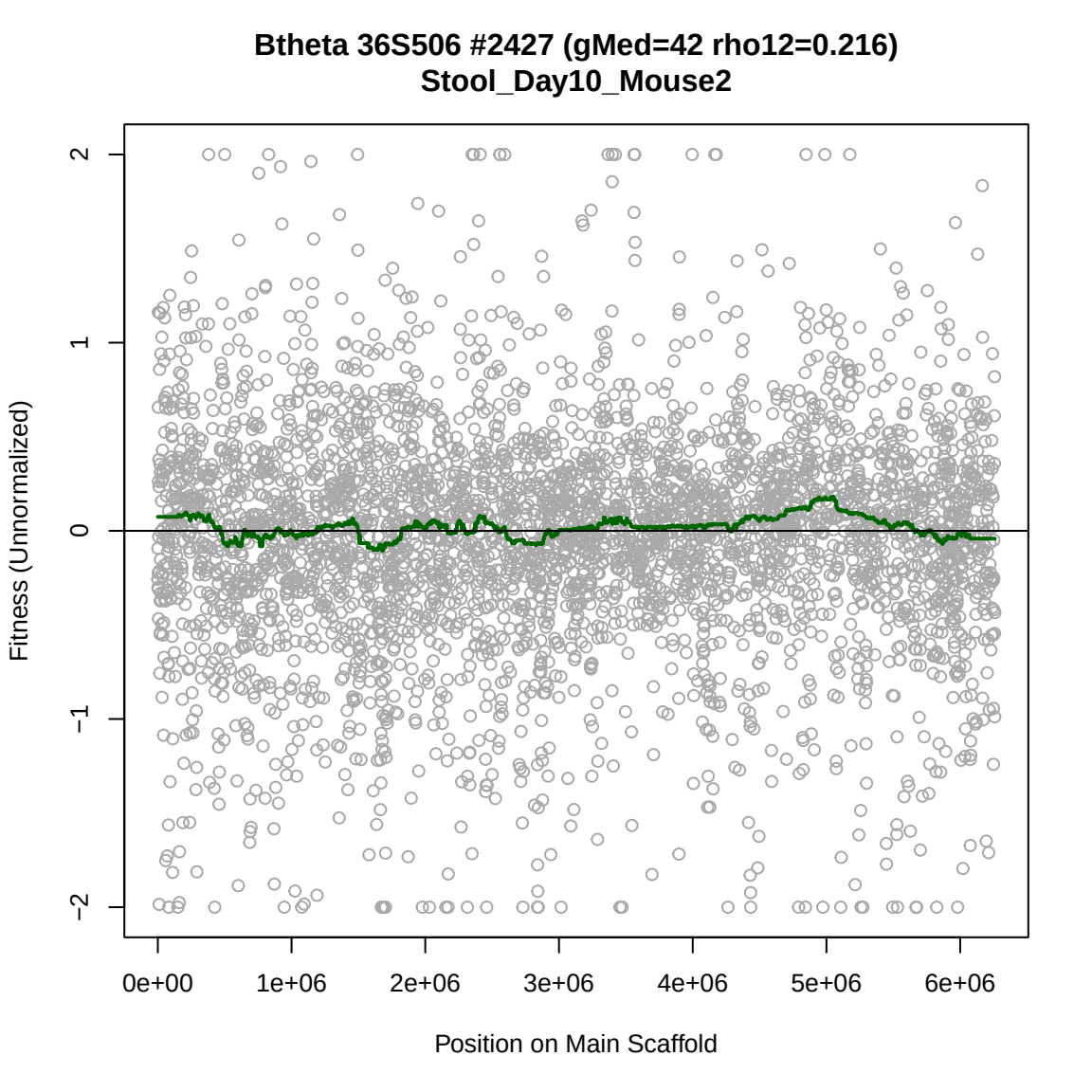

Btheta 36S500 #2422 (gMed=61 rho12=0.257)
Stool_Day8_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

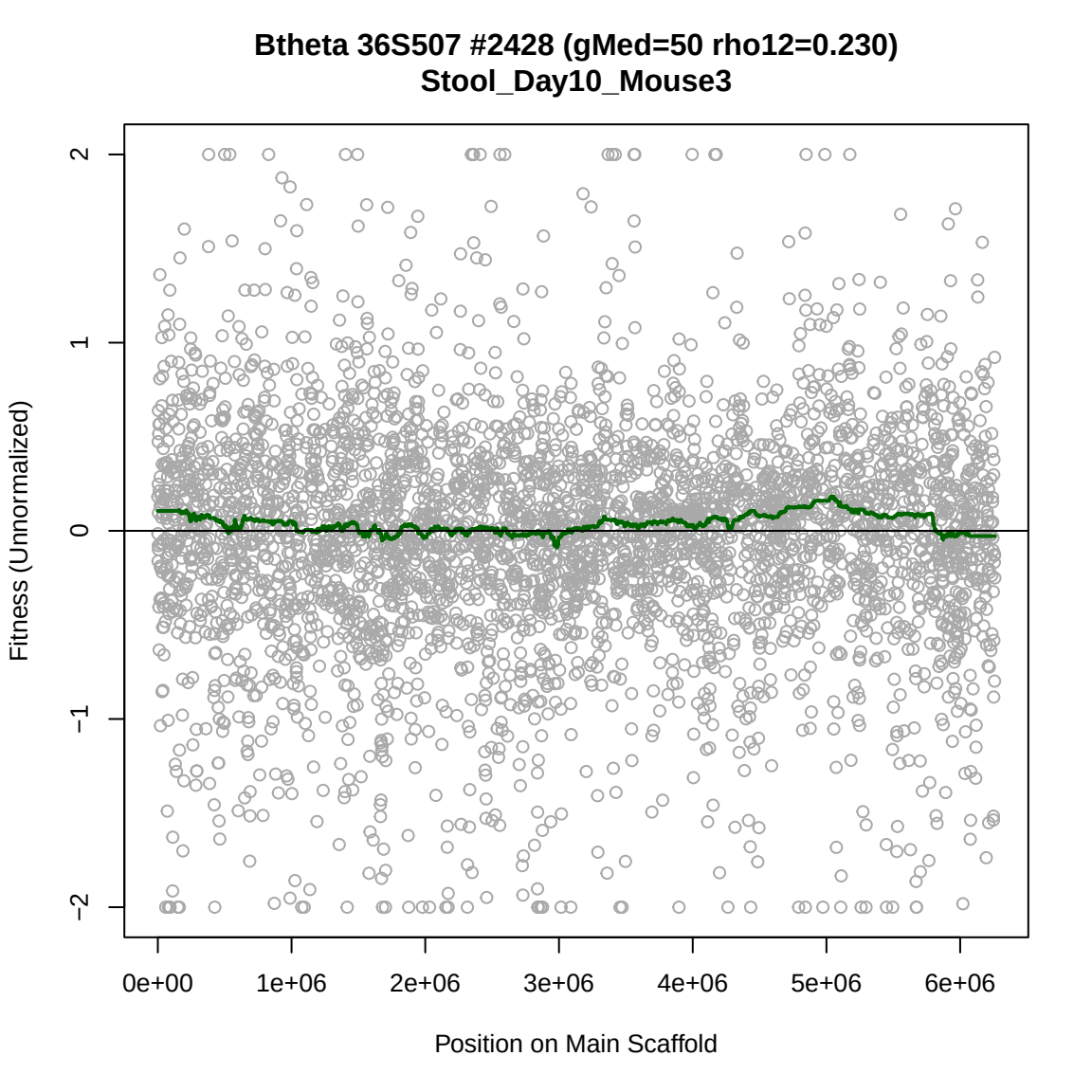

Btheta 36S501 #2423 (gMed=40 rho12=0.253)
Stool_Day8_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

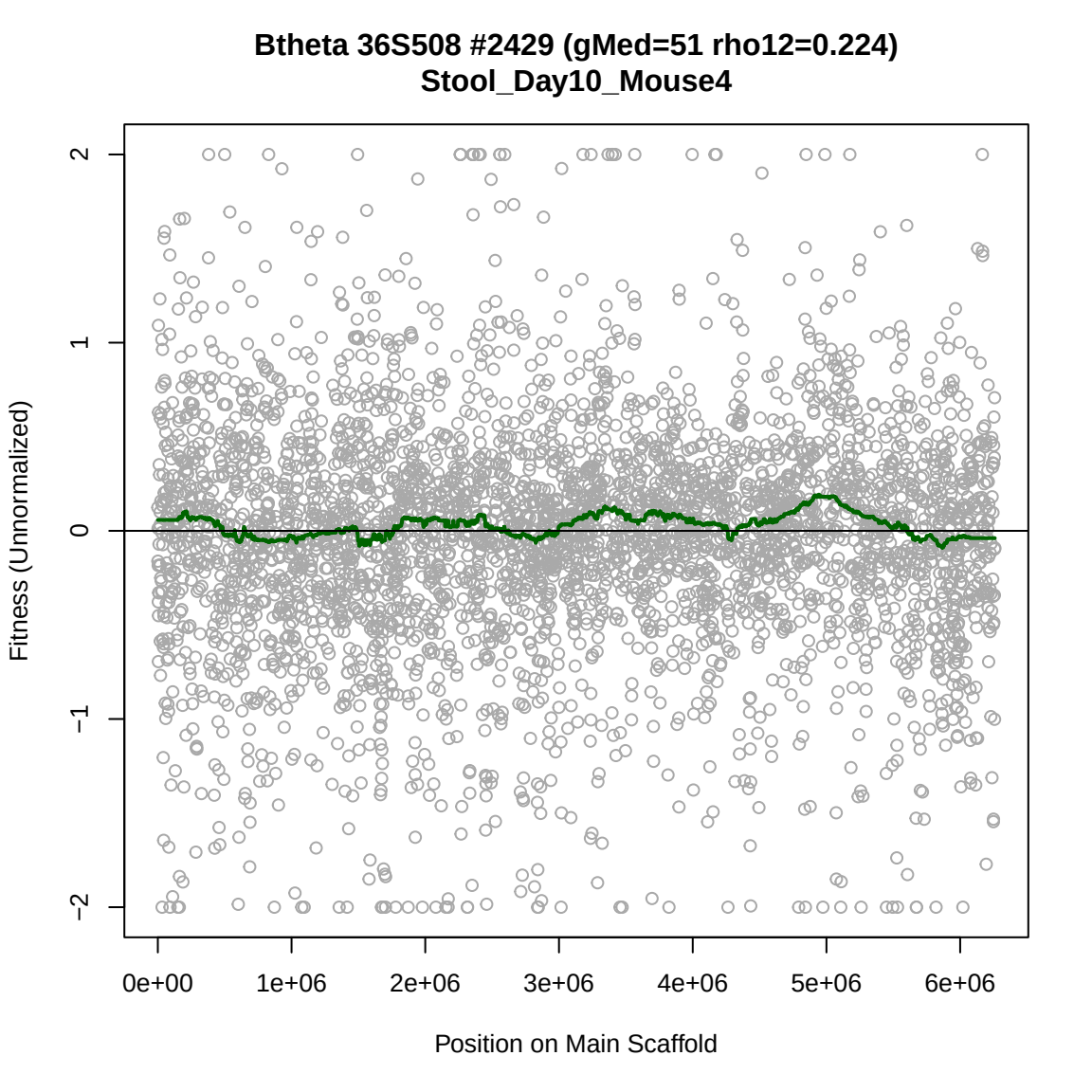

Btheta 36S502 #2424 (gMed=49 rho12=0.272)
Stool_Day8_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

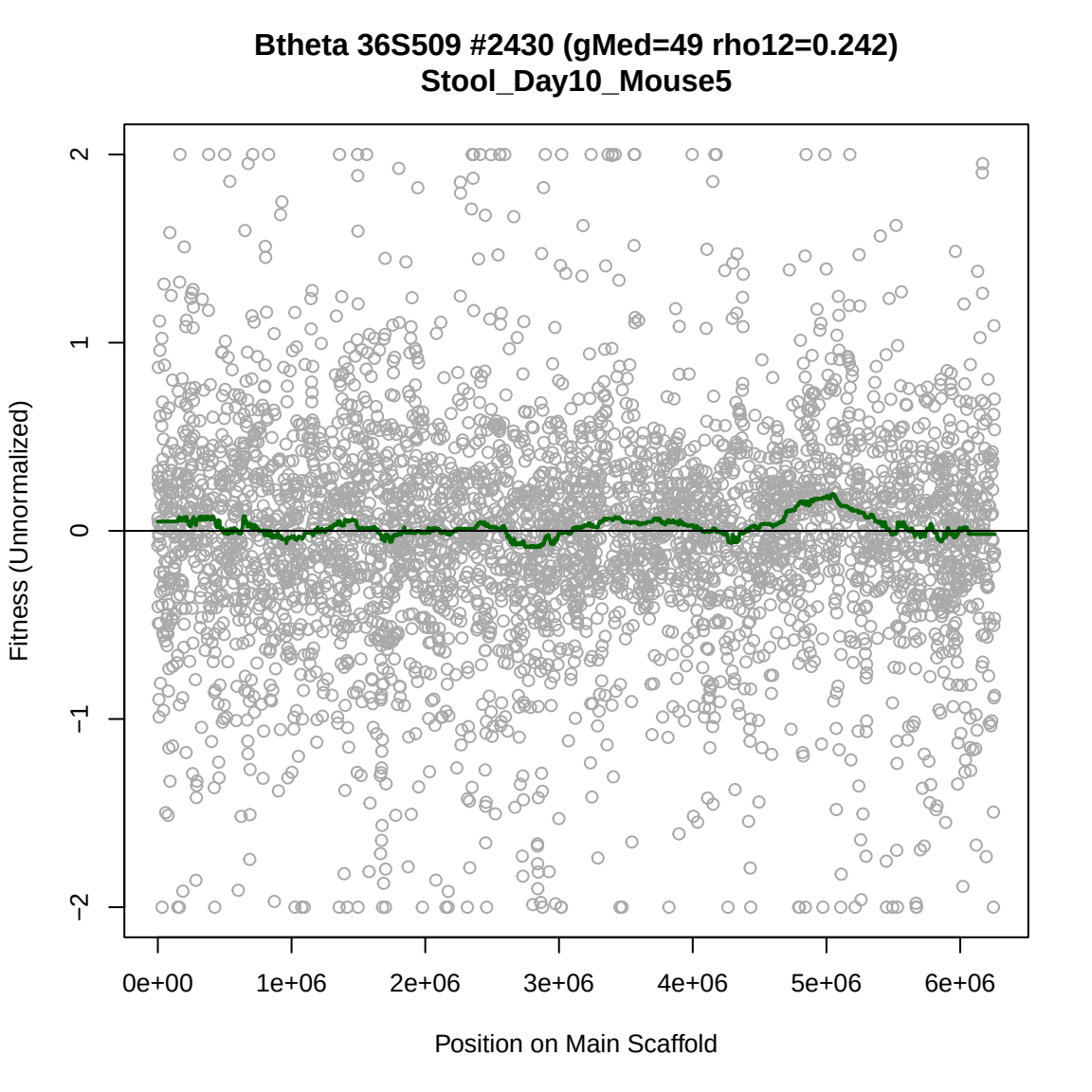

Btheta 36S504 #2425 (gMed=22 rho12=0.204)
Necropsy_stomach_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

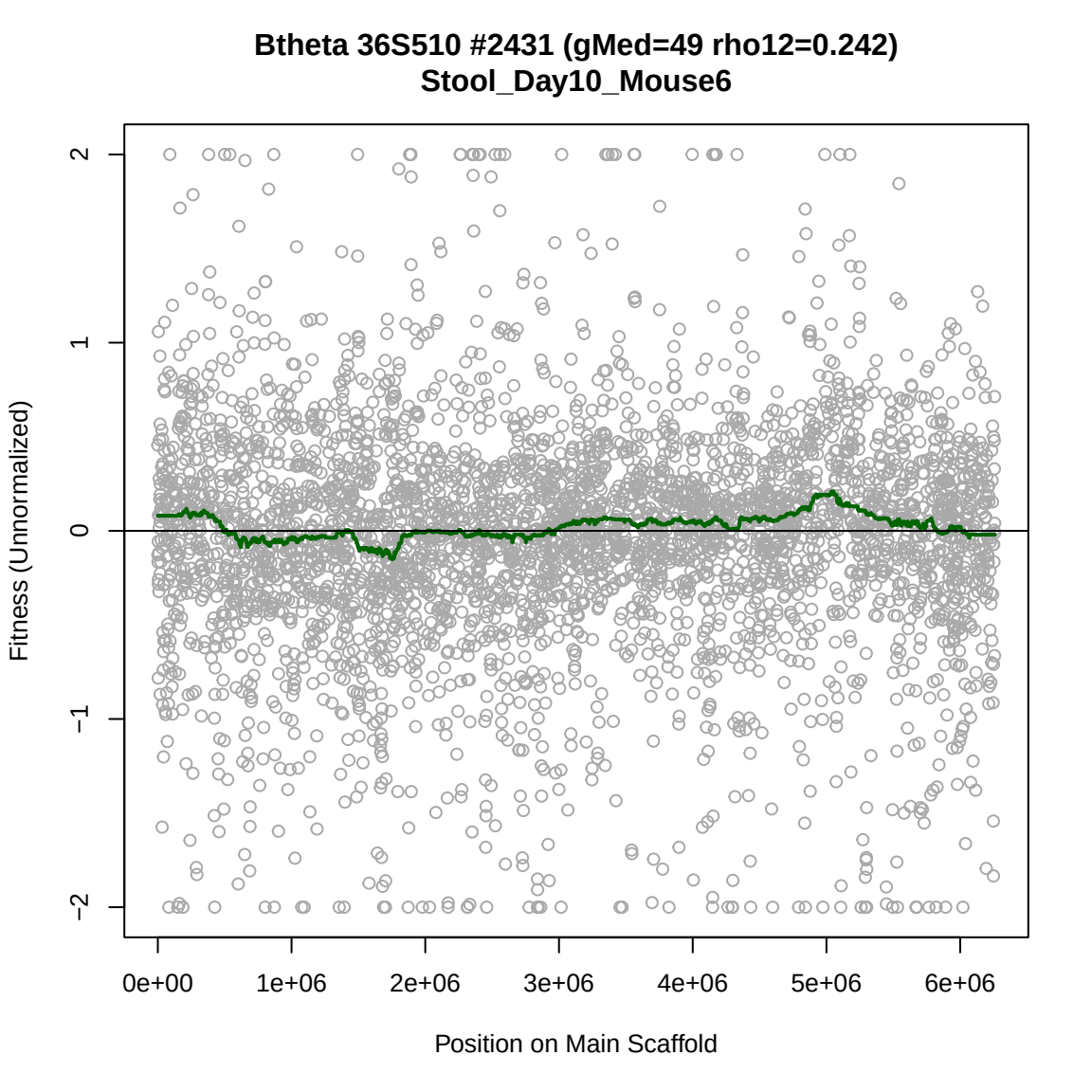

Btheta 36S505 #2426 (gMed=54 rho12=0.242)
Stool_Day10_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

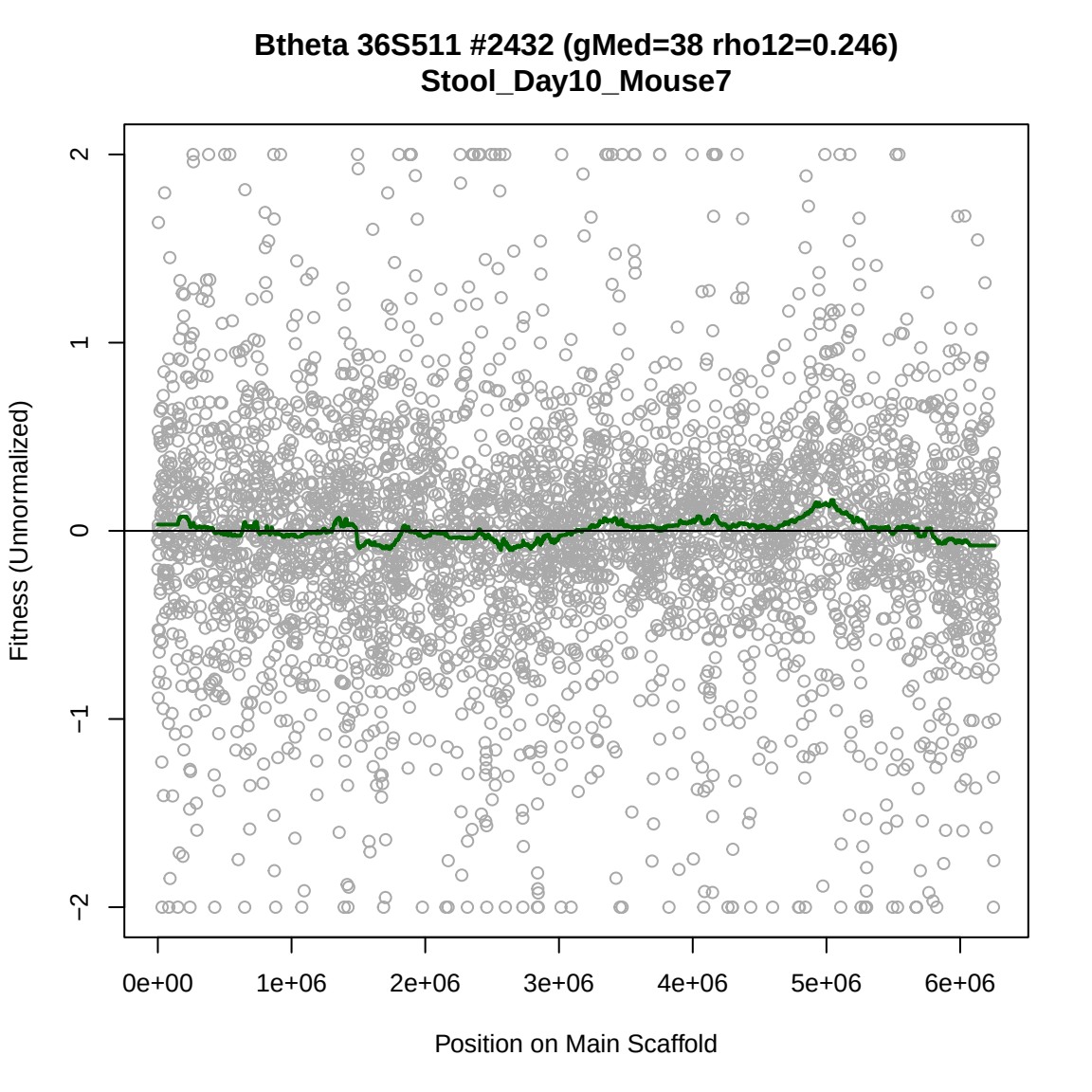

Btheta 36S506 #2427 (gMed=42 rho12=0.216)
Stool_Day10_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

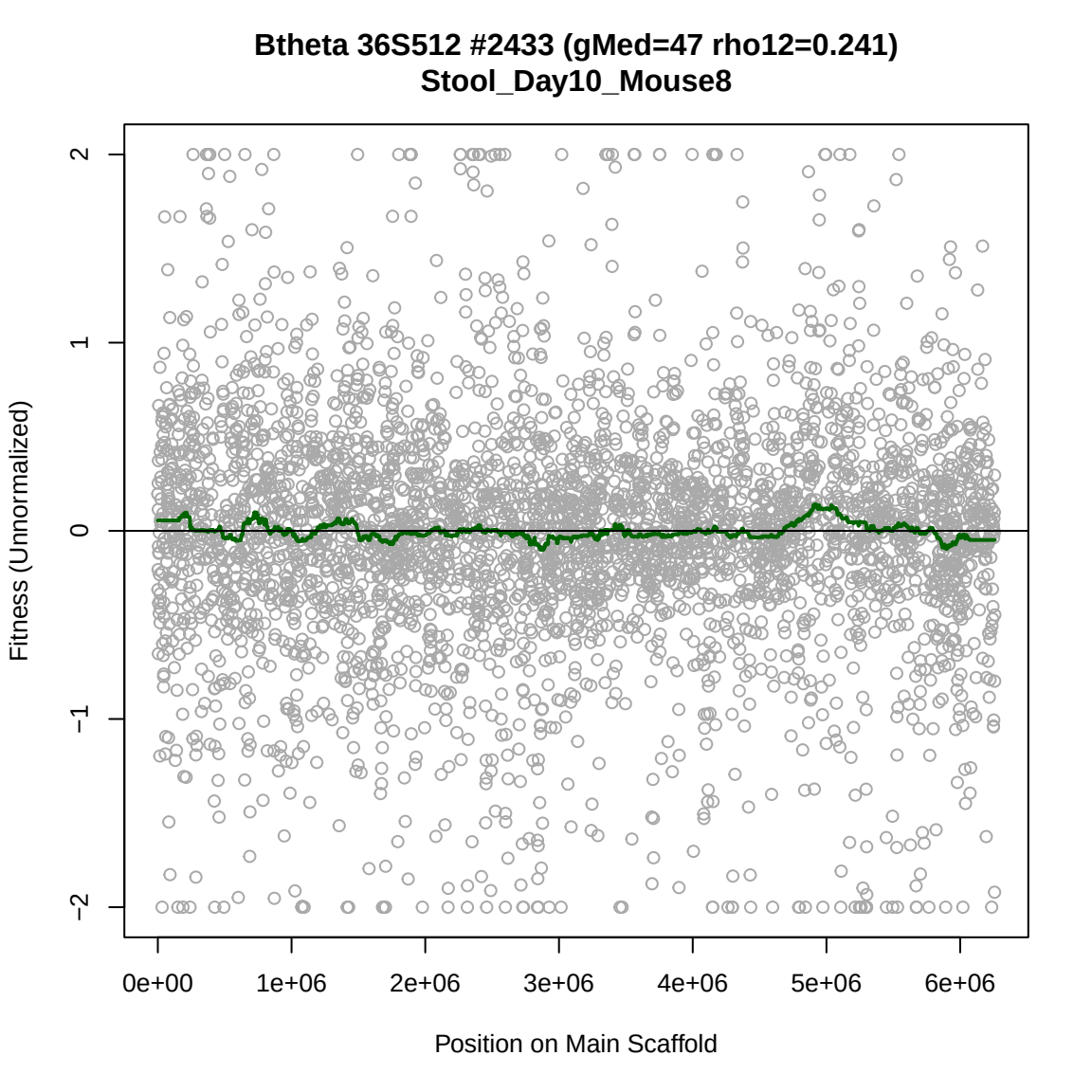

Btheta 36S507 #2428 (gMed=50 rho12=0.230)
Stool_Day10_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

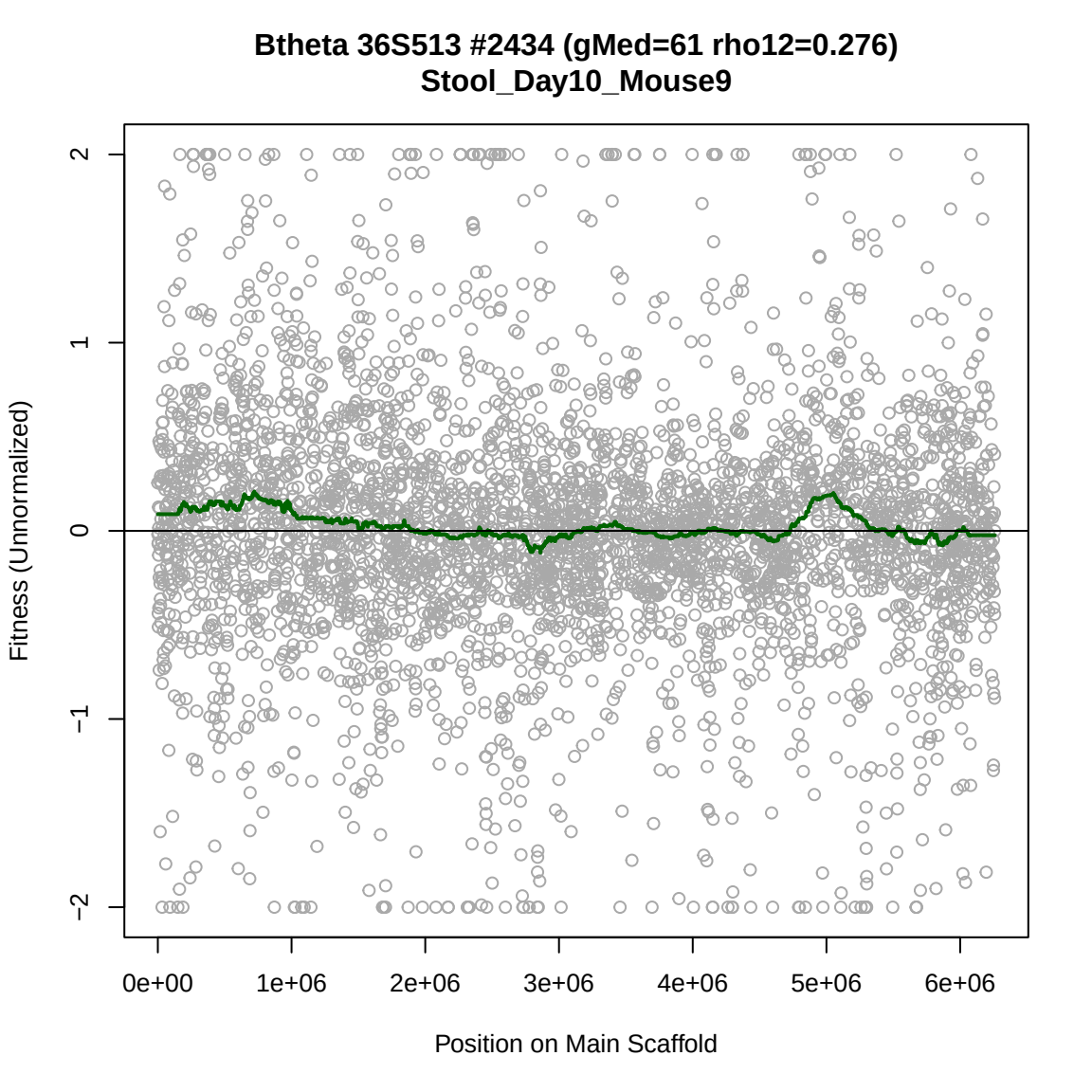

Btheta 36S508 #2429 (gMed=51 rho12=0.224)
Stool_Day10_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

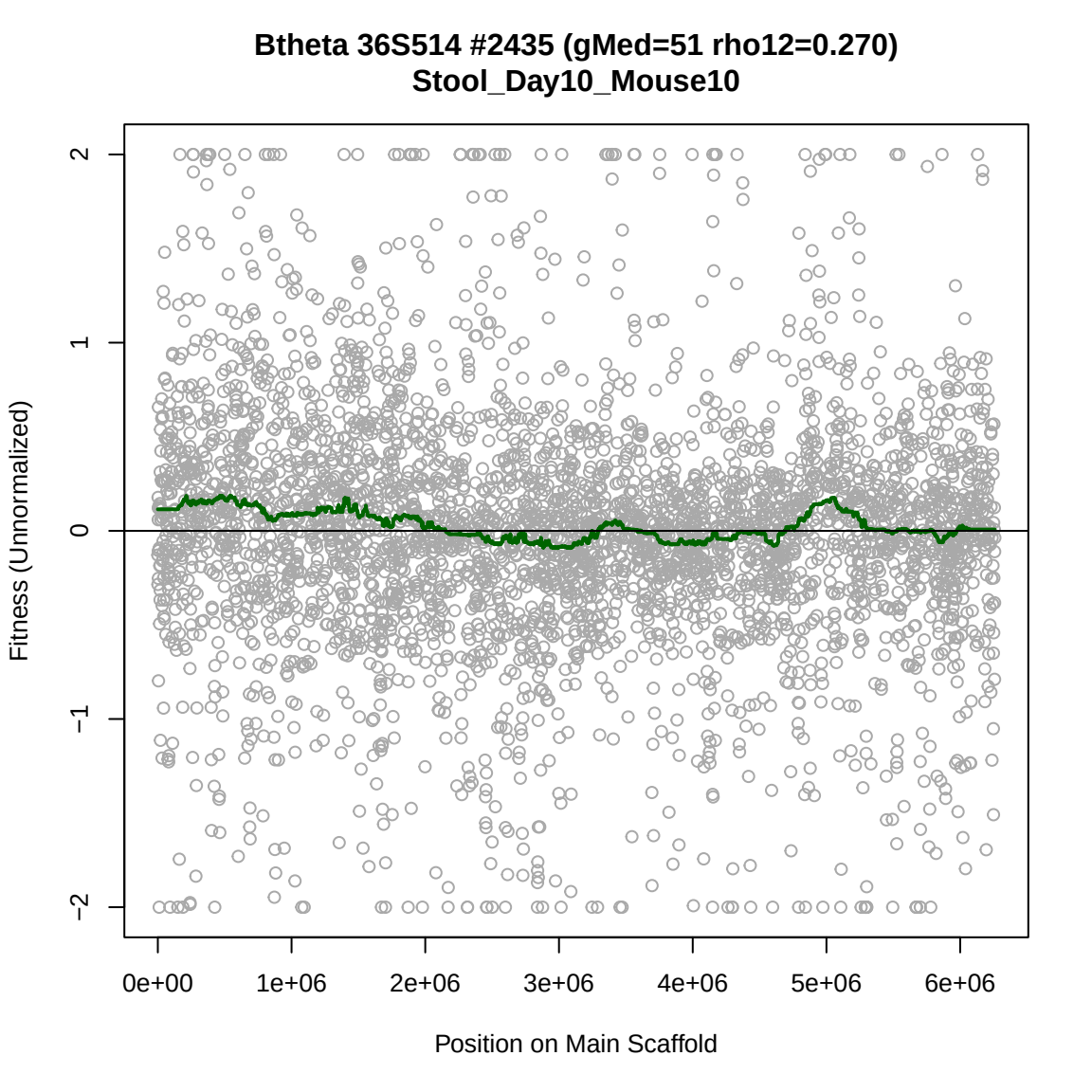

Btheta 36S509 #2430 (gMed=49 rho12=0.242)
Stool_Day10_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

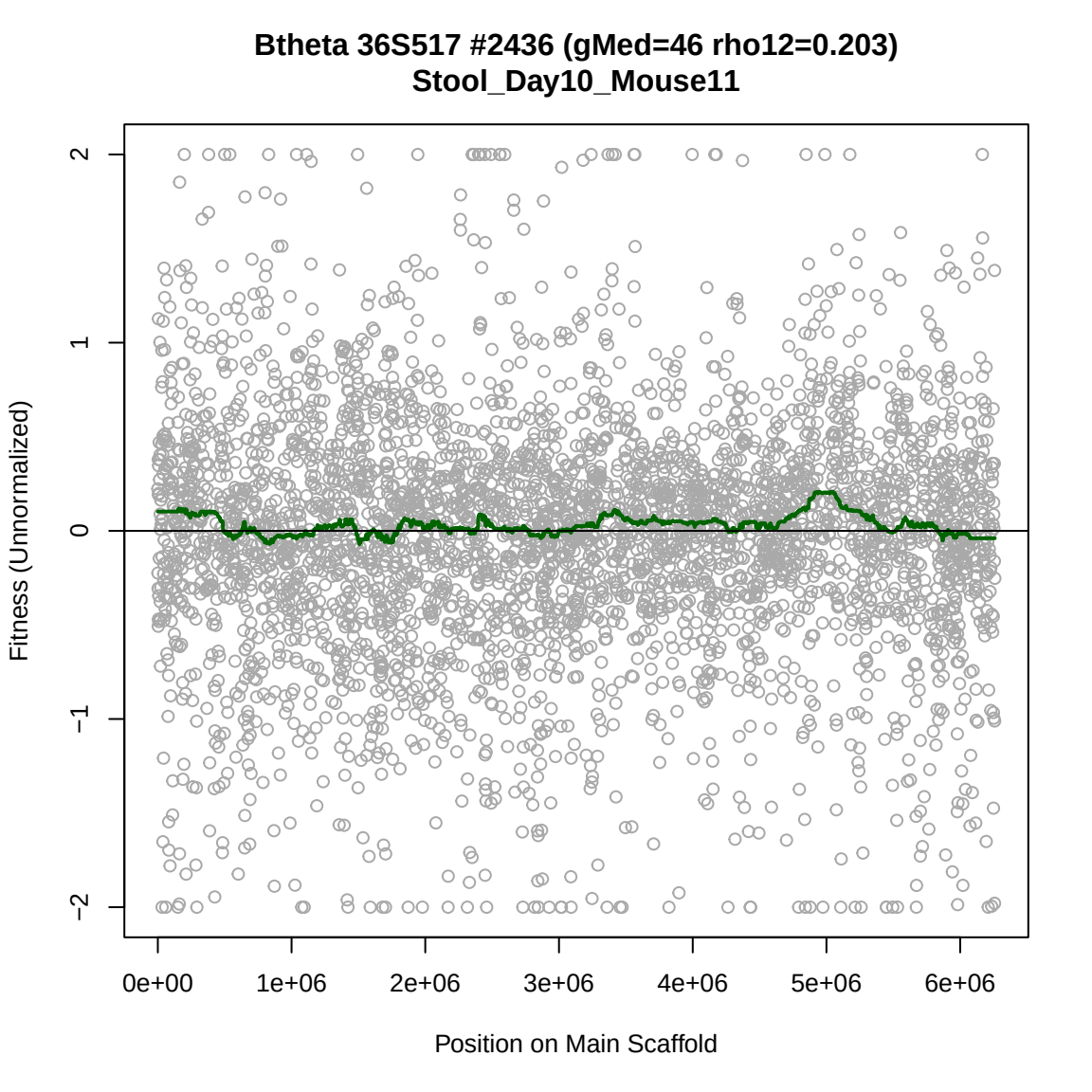

Btheta 36S510 #2431 (gMed=49 rho12=0.242)
Stool_Day10_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

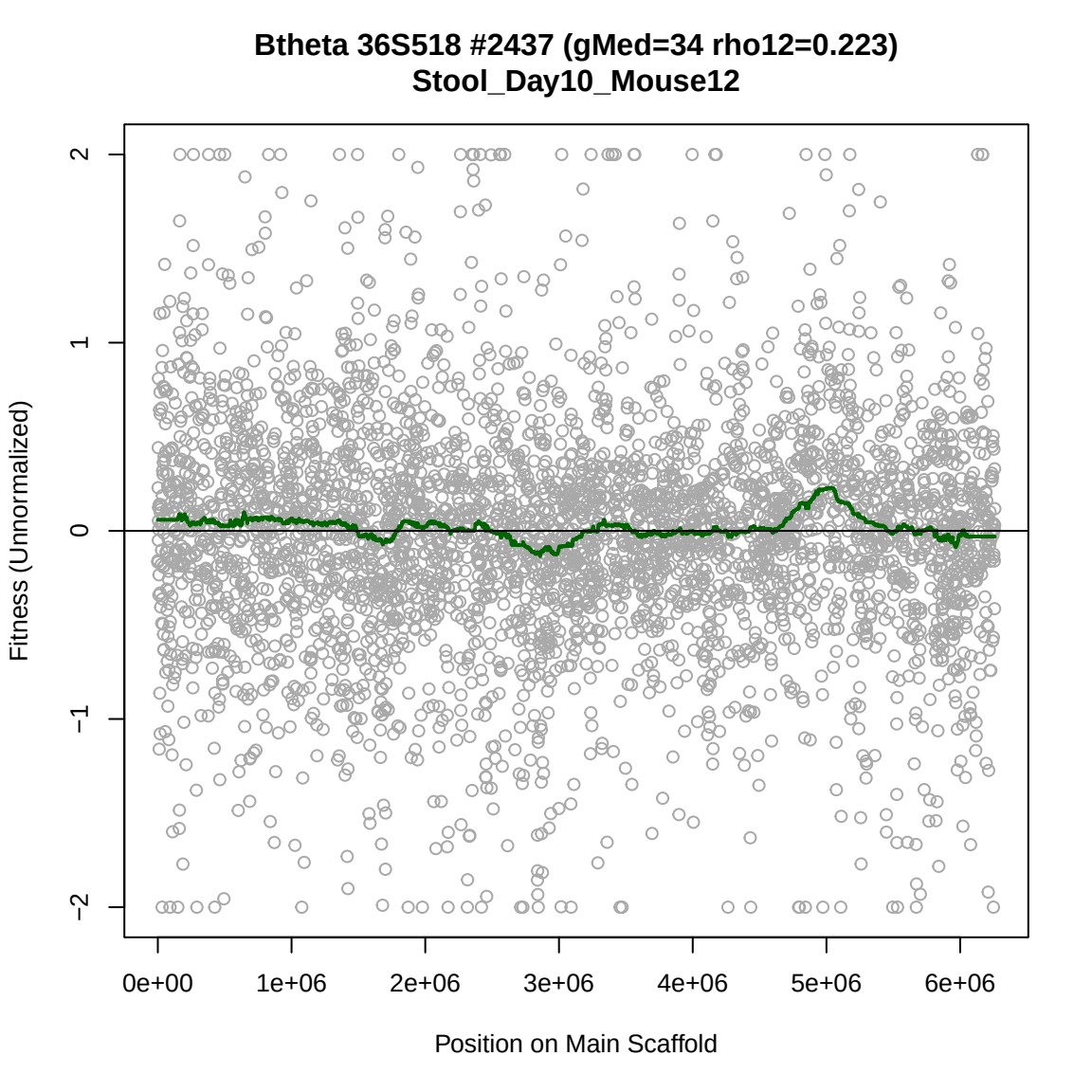

Btheta 36S511 #2432 (gMed=38 rho12=0.246)
Stool_Day10_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

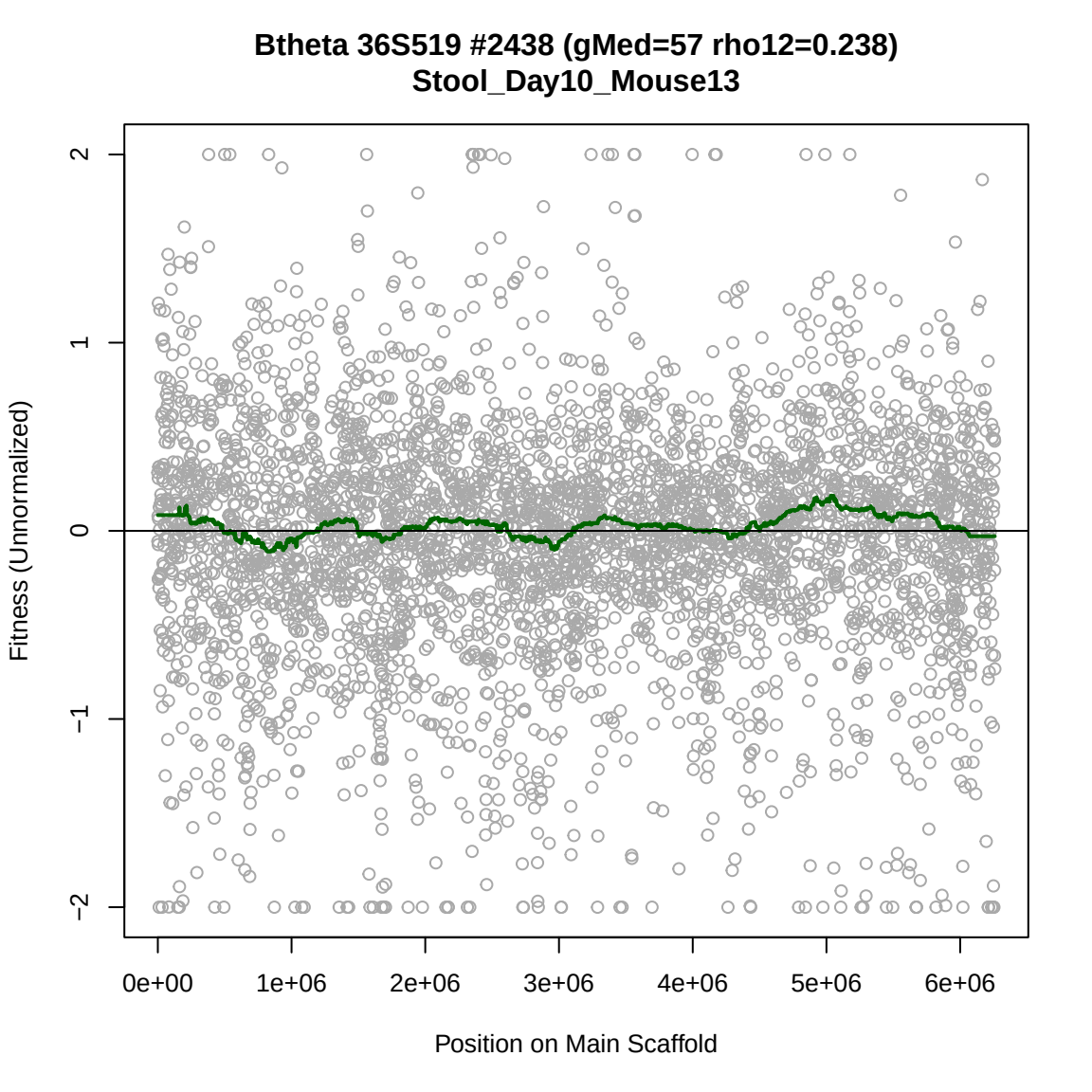

Btheta 36S512 #2433 (gMed=47 rho12=0.241)
Stool_Day10_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

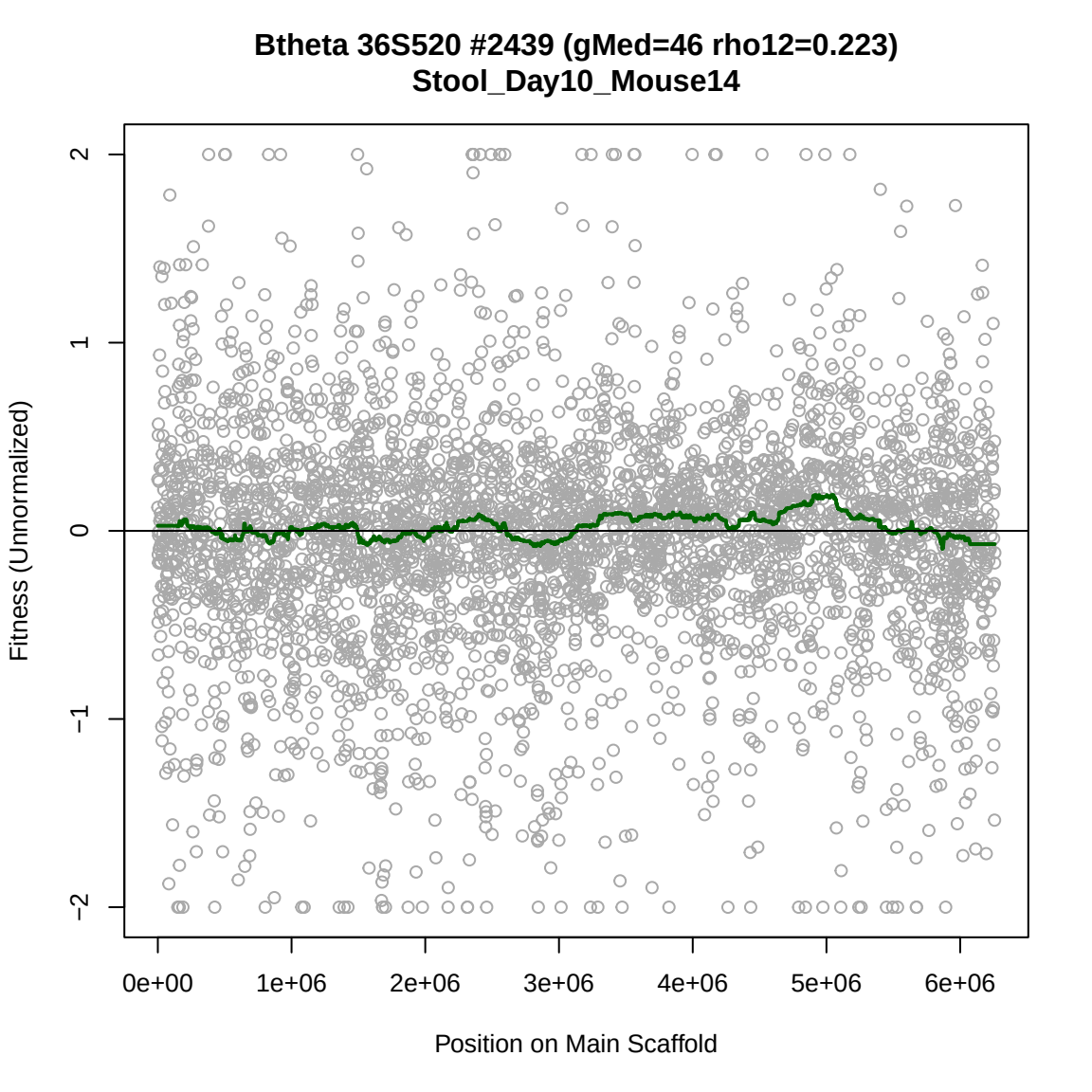

Btheta 36S513 #2434 (gMed=61 rho12=0.276)
Stool_Day10_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

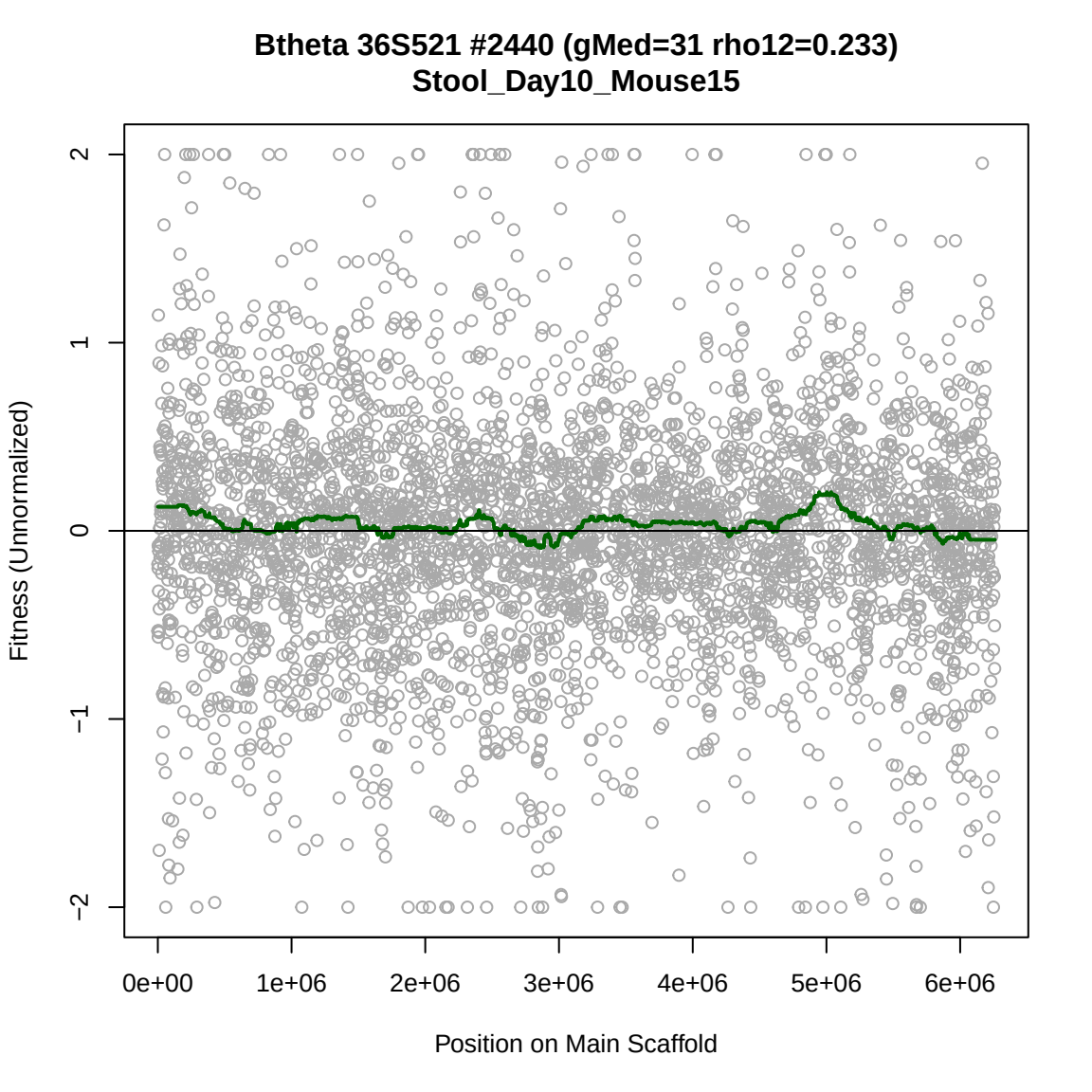

Btheta 36S514 #2435 (gMed=51 rho12=0.270)
Stool_Day10_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

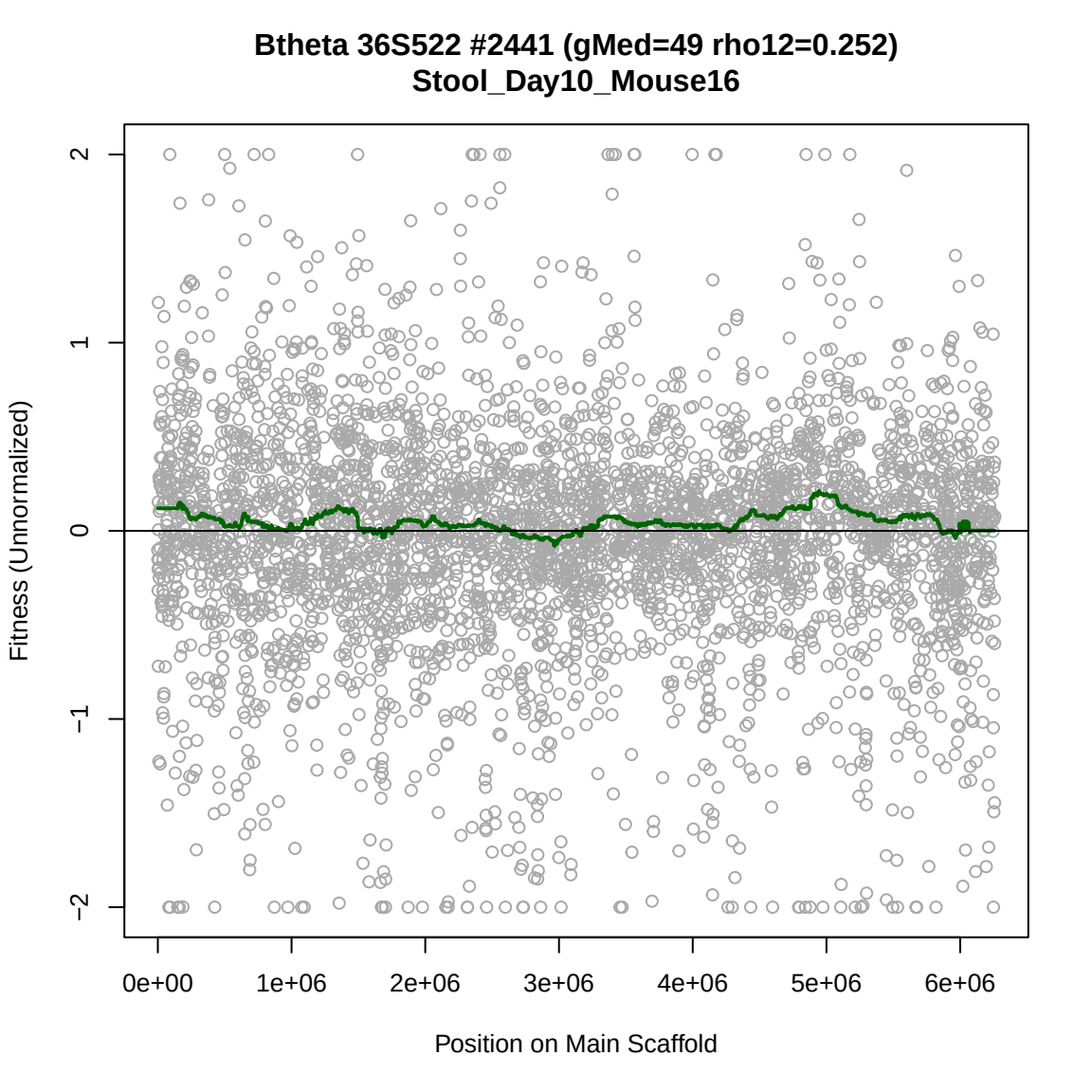

Btheta 36S517 #2436 (gMed=46 rho12=0.203)
Stool_Day10_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

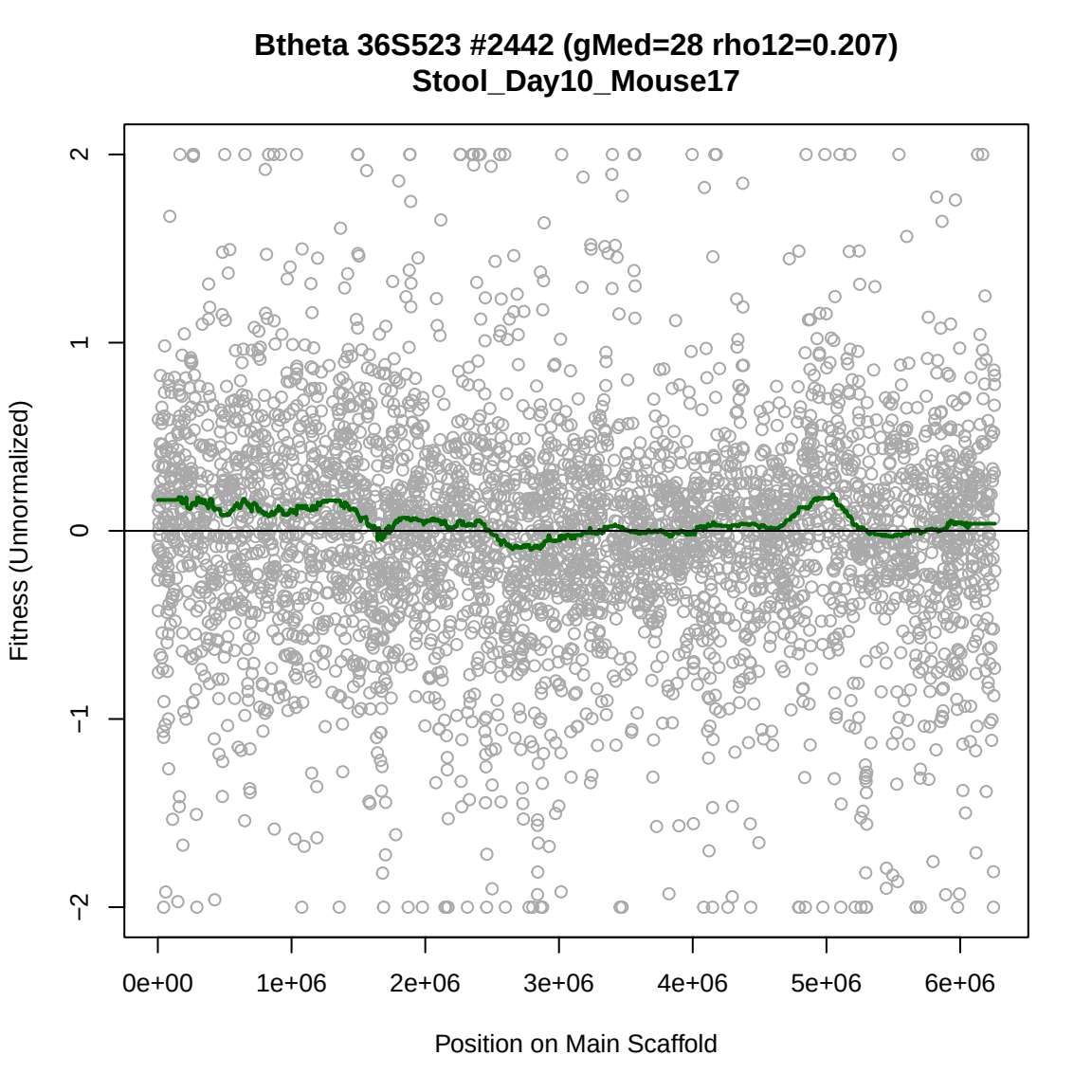

Btheta 36S518 #2437 (gMed=34 rho12=0.223)
Stool_Day10_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

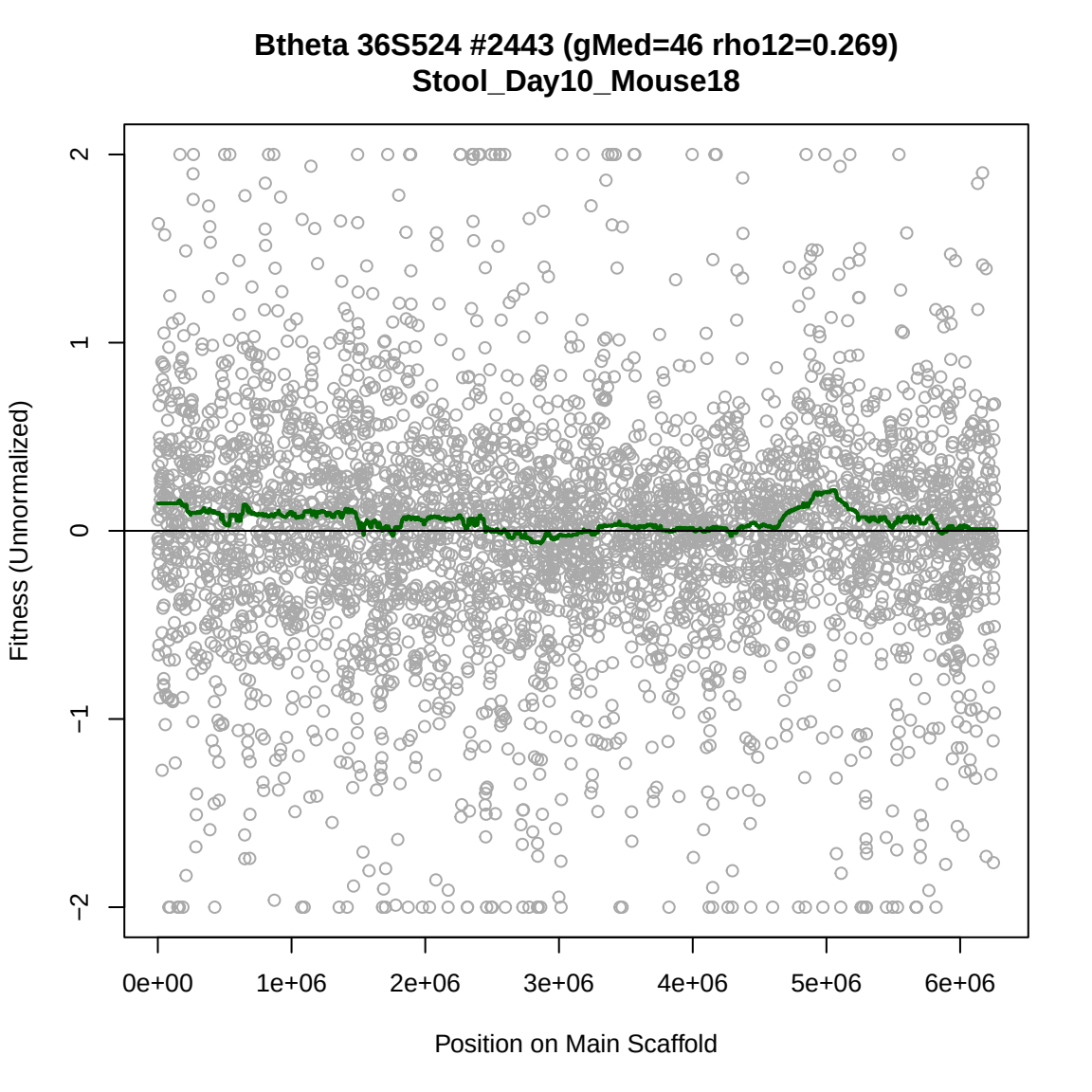

Btheta 36S519 #2438 (gMed=57 rho12=0.238)
Stool_Day10_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

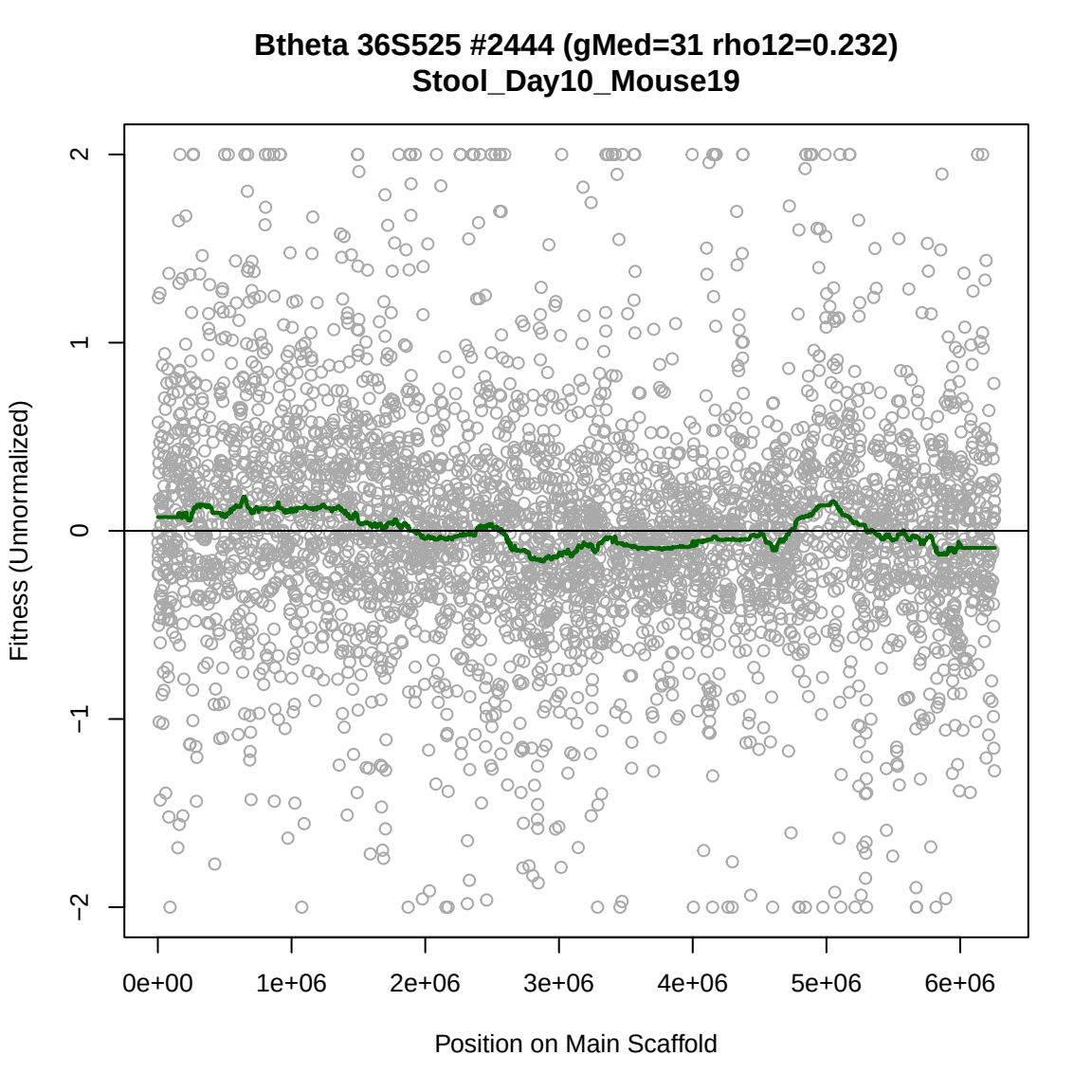

Btheta 36S520 #2439 (gMed=46 rho12=0.223)
Stool_Day10_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

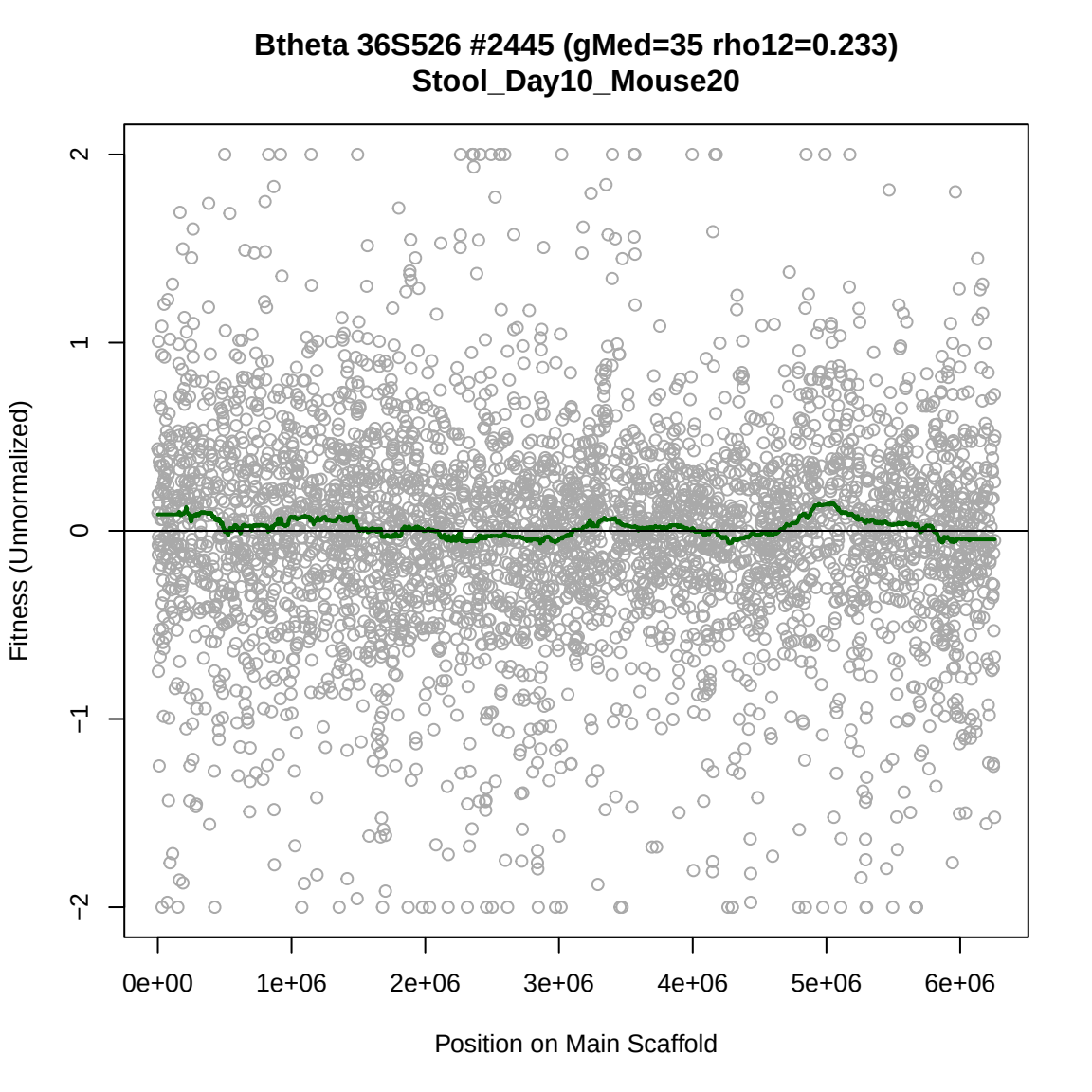

Btheta 36S521 #2440 (gMed=31 rho12=0.233)
Stool_Day10_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

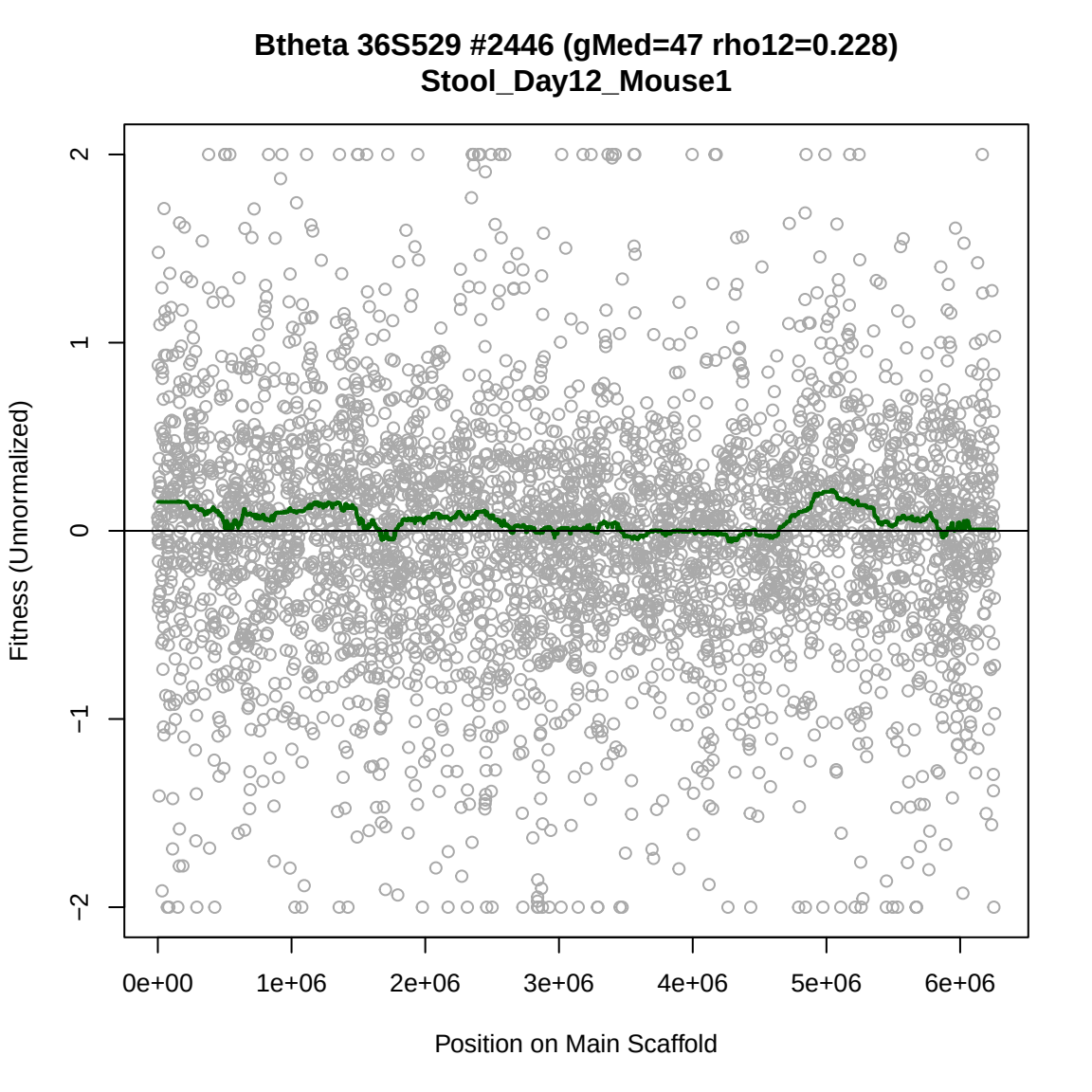

Btheta 36S522 #2441 (gMed=49 rho12=0.252)
Stool_Day10_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

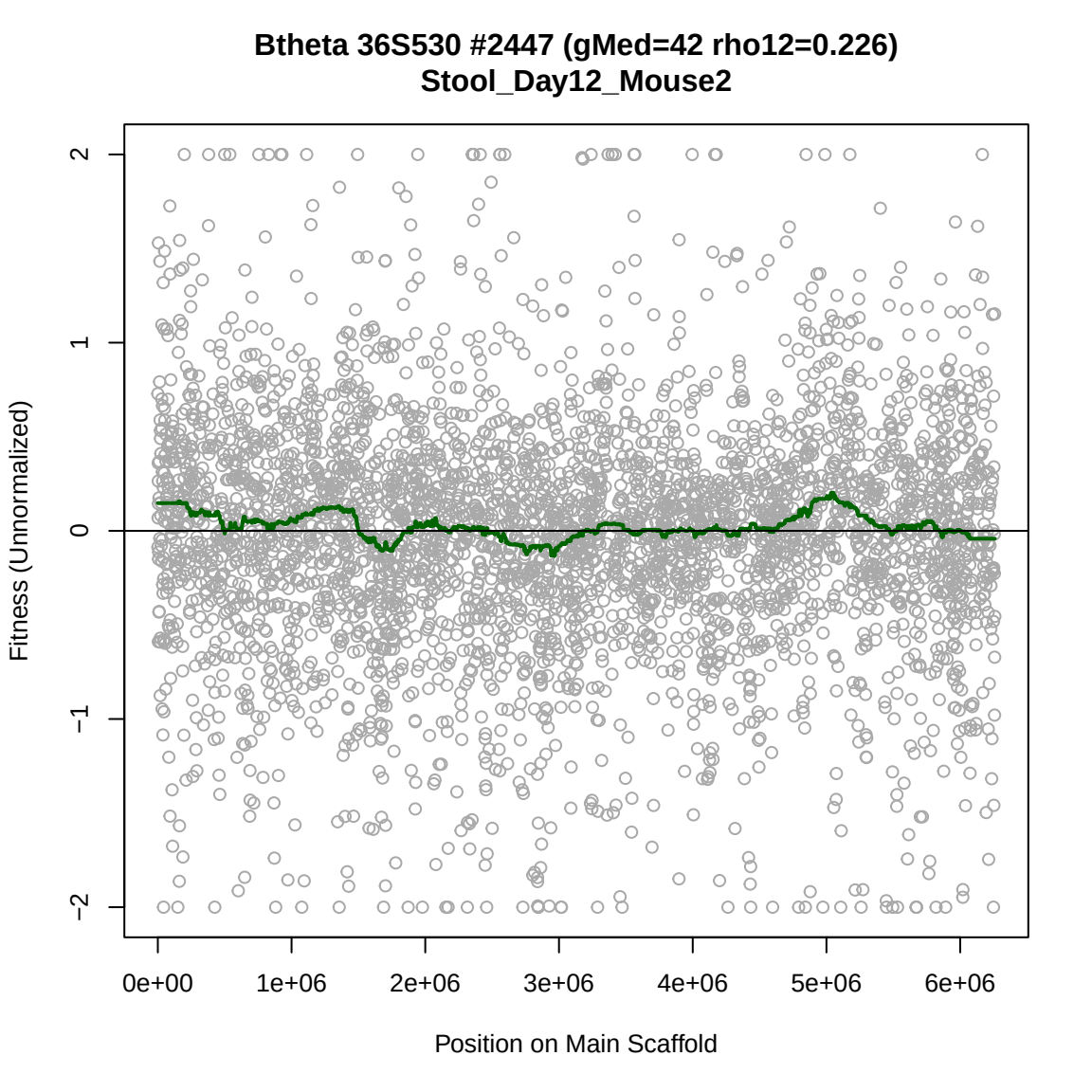

Btheta 36S523 #2442 (gMed=28 rho12=0.207)
Stool_Day10_Mouse17
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

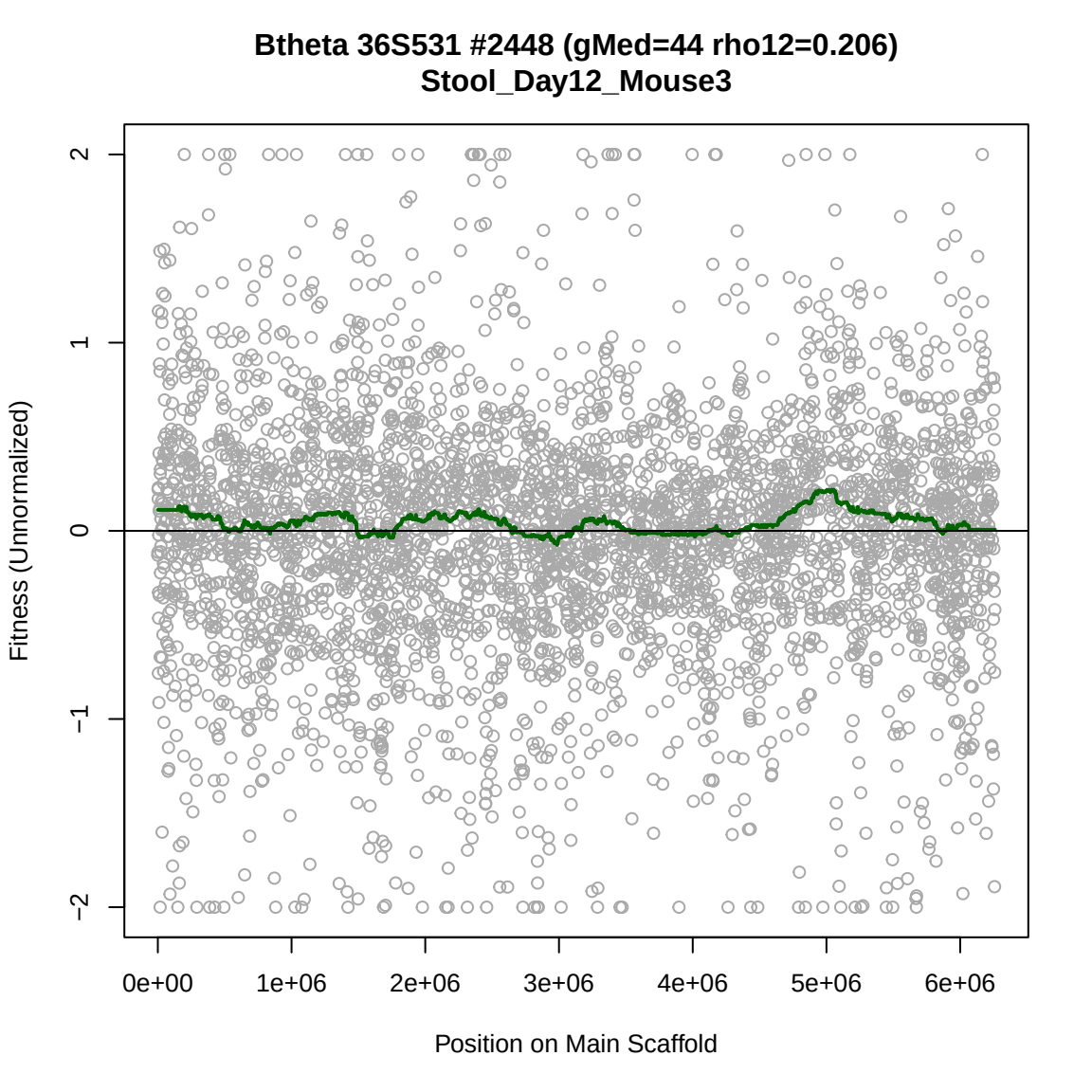

Btheta 36S524 #2443 (gMed=46 rho12=0.269)
Stool_Day10_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

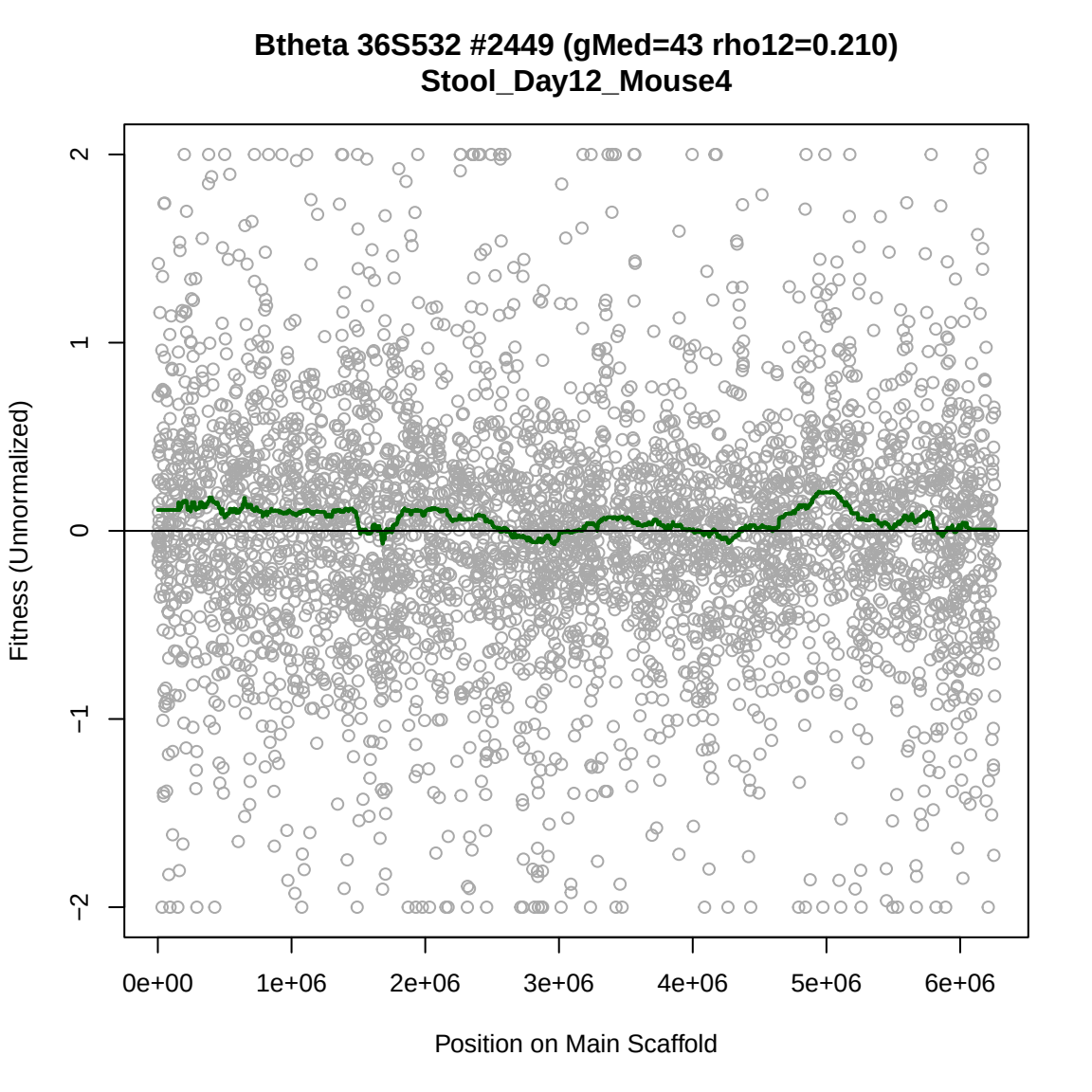

Btheta 36S525 #2444 (gMed=31 rho12=0.232)
Stool_Day10_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

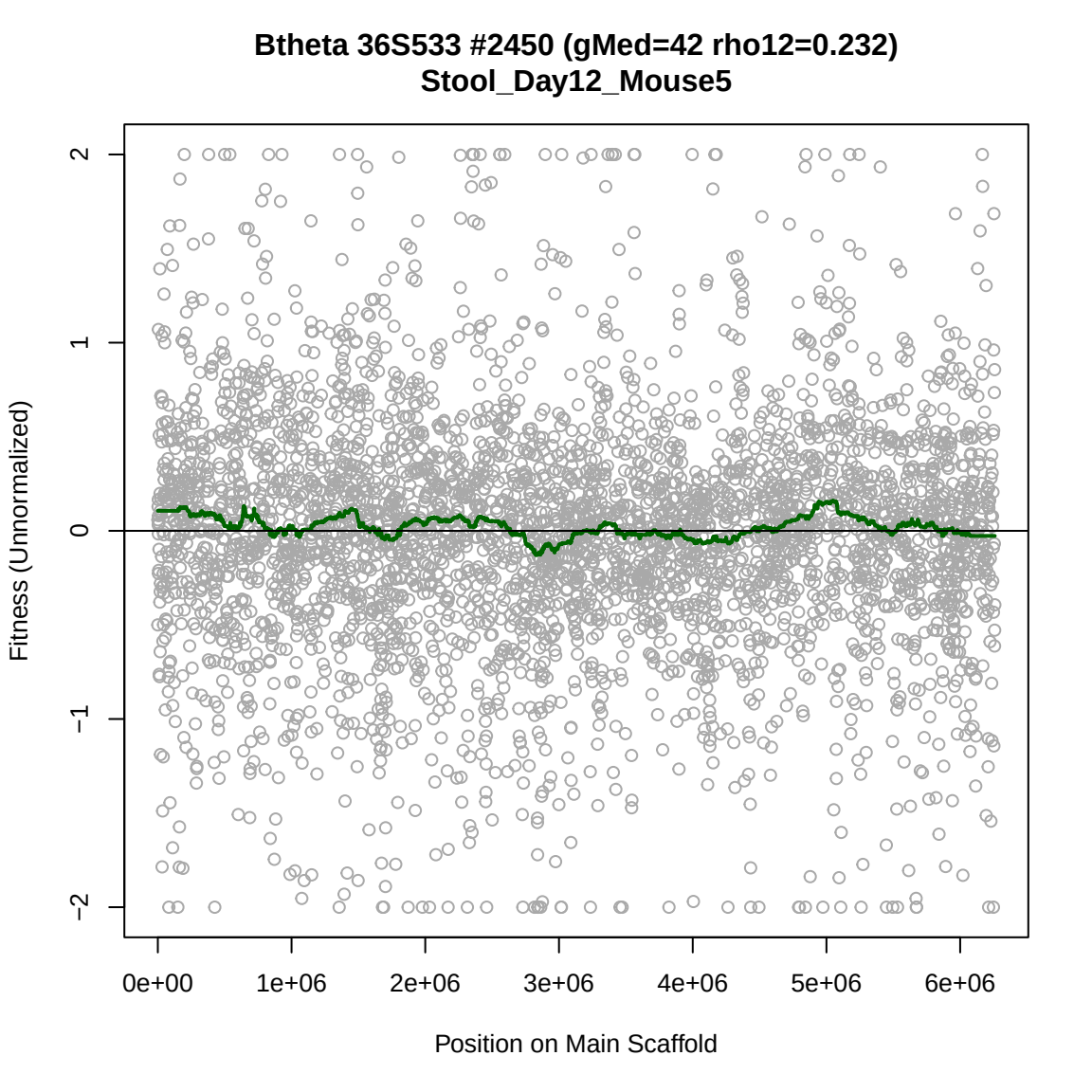

Btheta 36S526 #2445 (gMed=35 rho12=0.233)
Stool_Day10_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

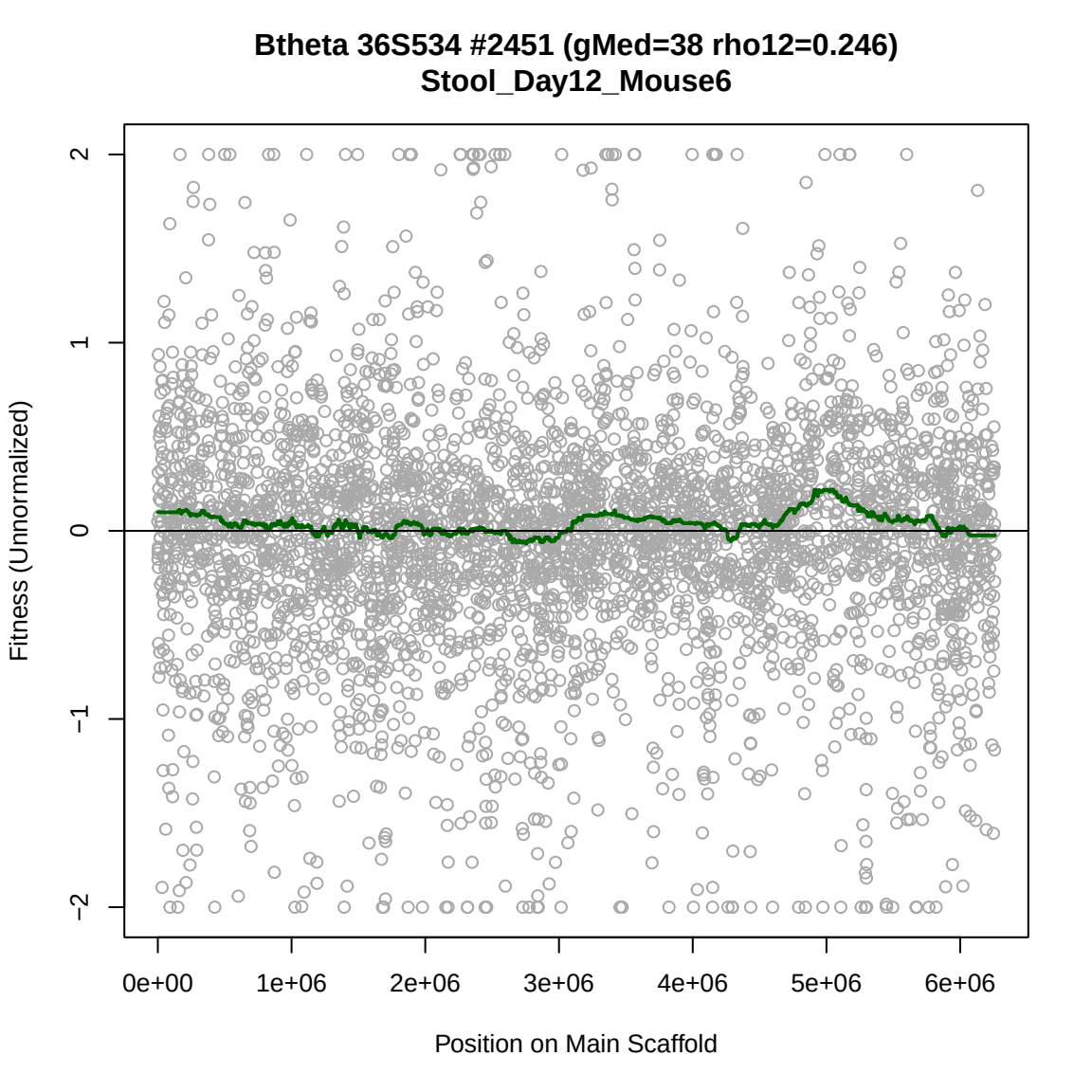

Btheta 36S529 #2446 (gMed=47 rho12=0.228)
Stool_Day12_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

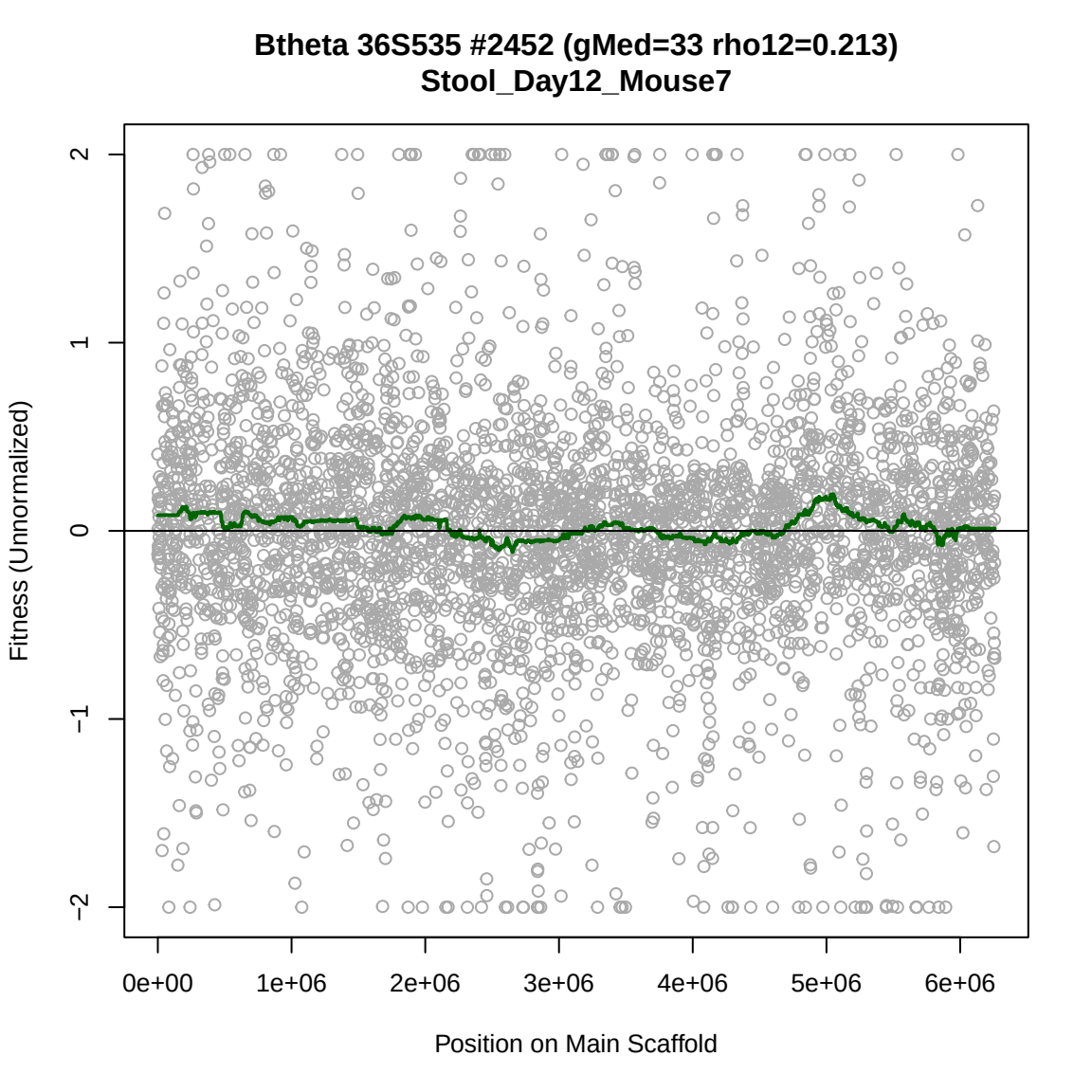

Btheta 36S530 #2447 (gMed=42 rho12=0.226)
Stool_Day12_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

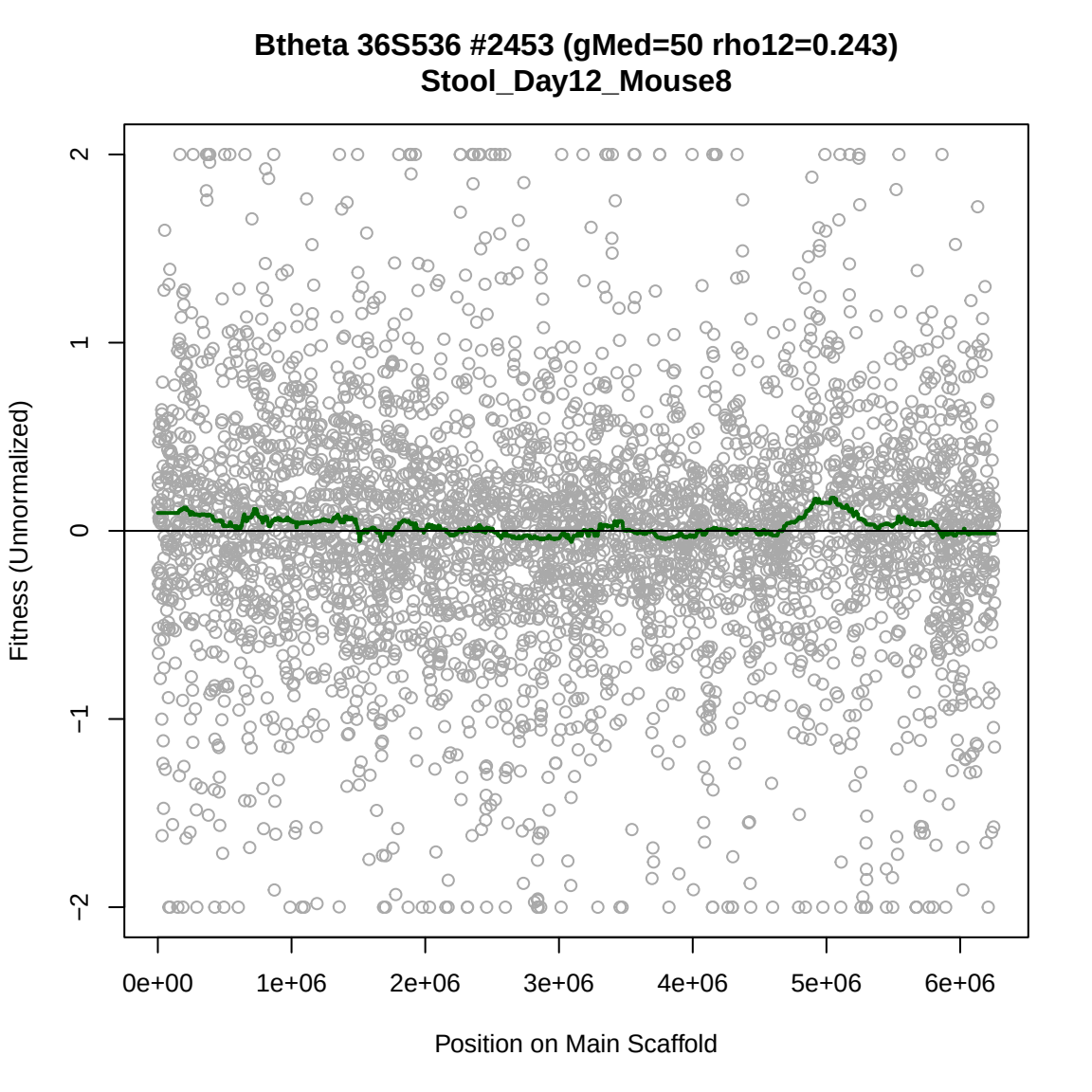

Btheta 36S531 #2448 (gMed=44 rho12=0.206)
Stool_Day12_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

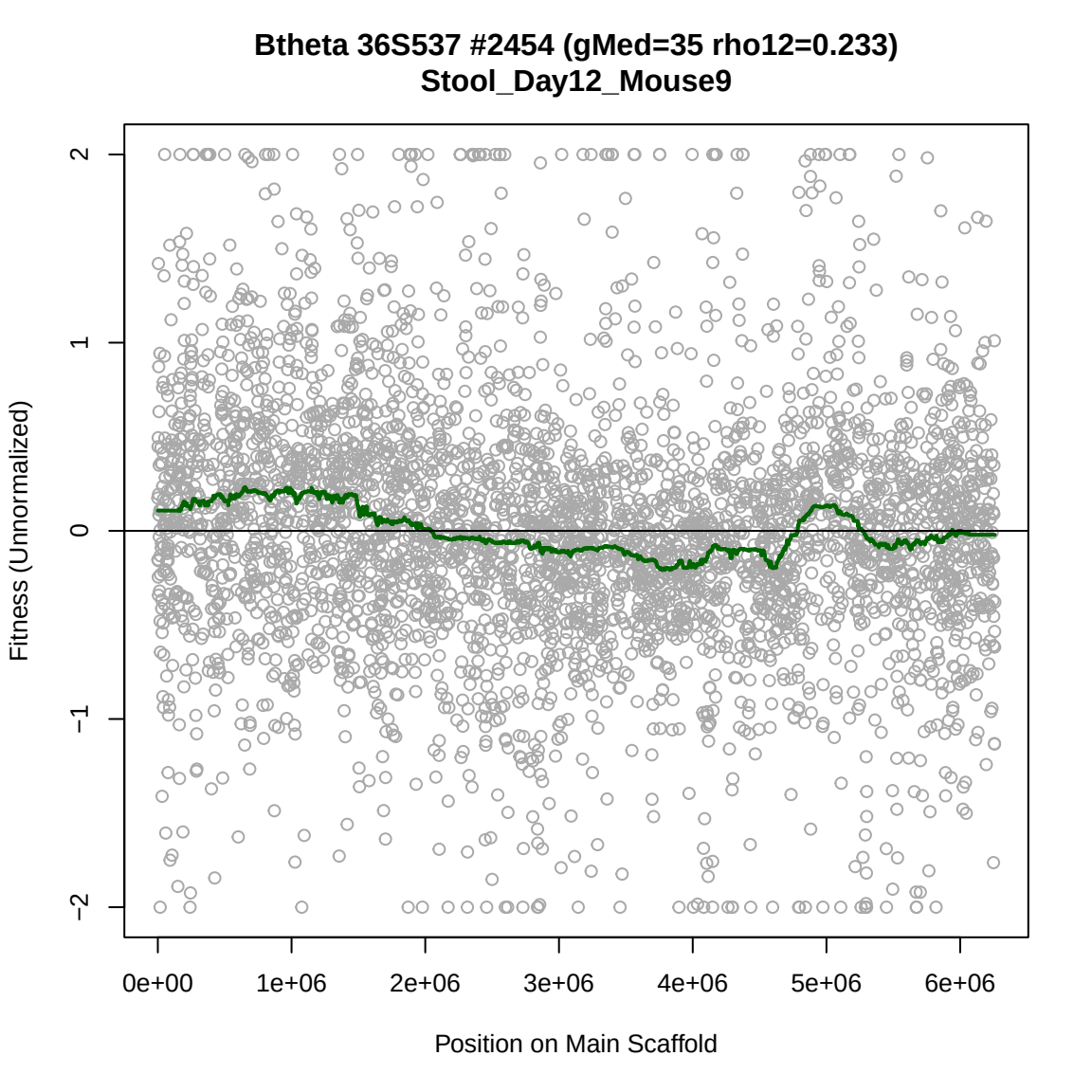

Btheta 36S532 #2449 (gMed=43 rho12=0.210)
Stool_Day12_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

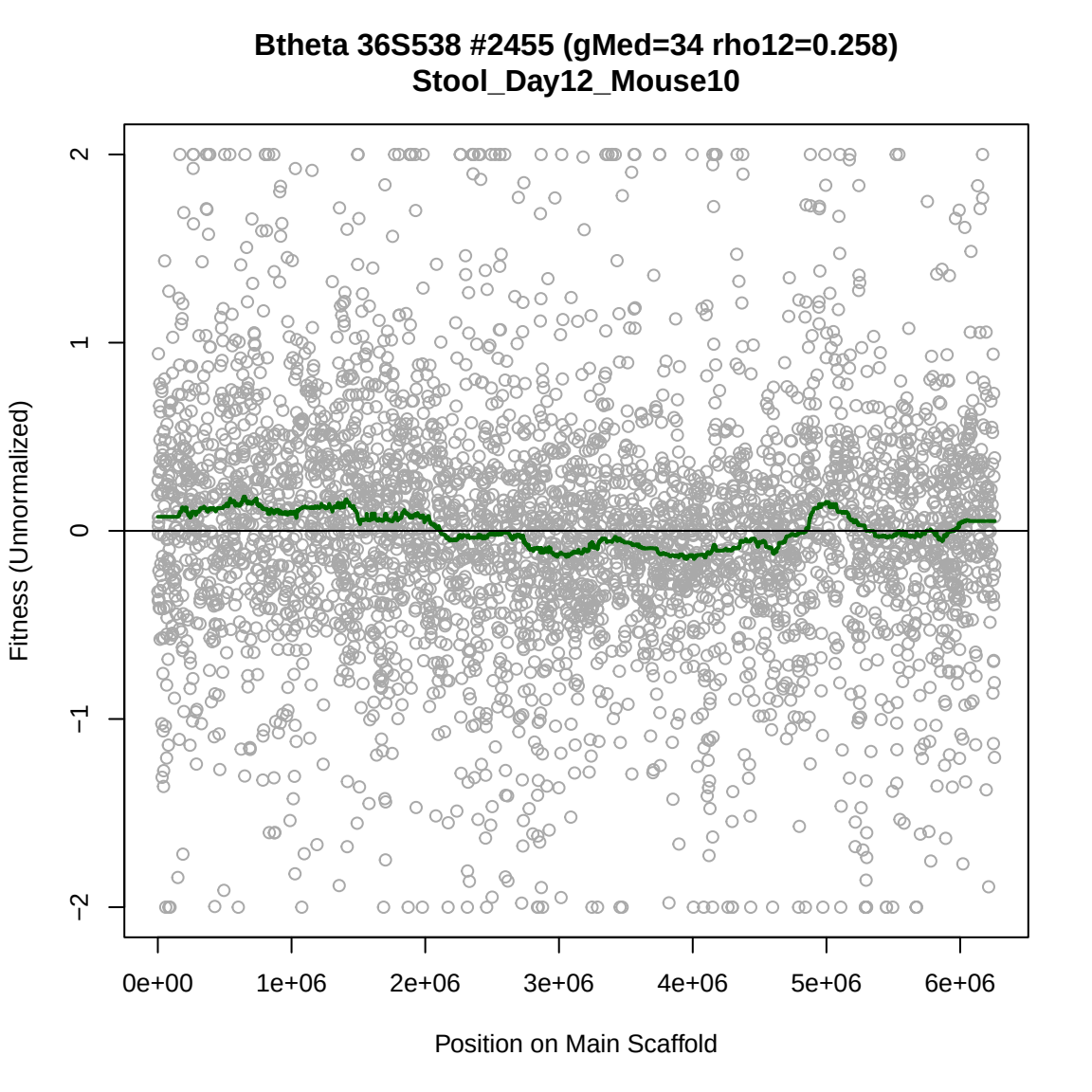

Btheta 36S533 #2450 (gMed=42 rho12=0.232)
Stool_Day12_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

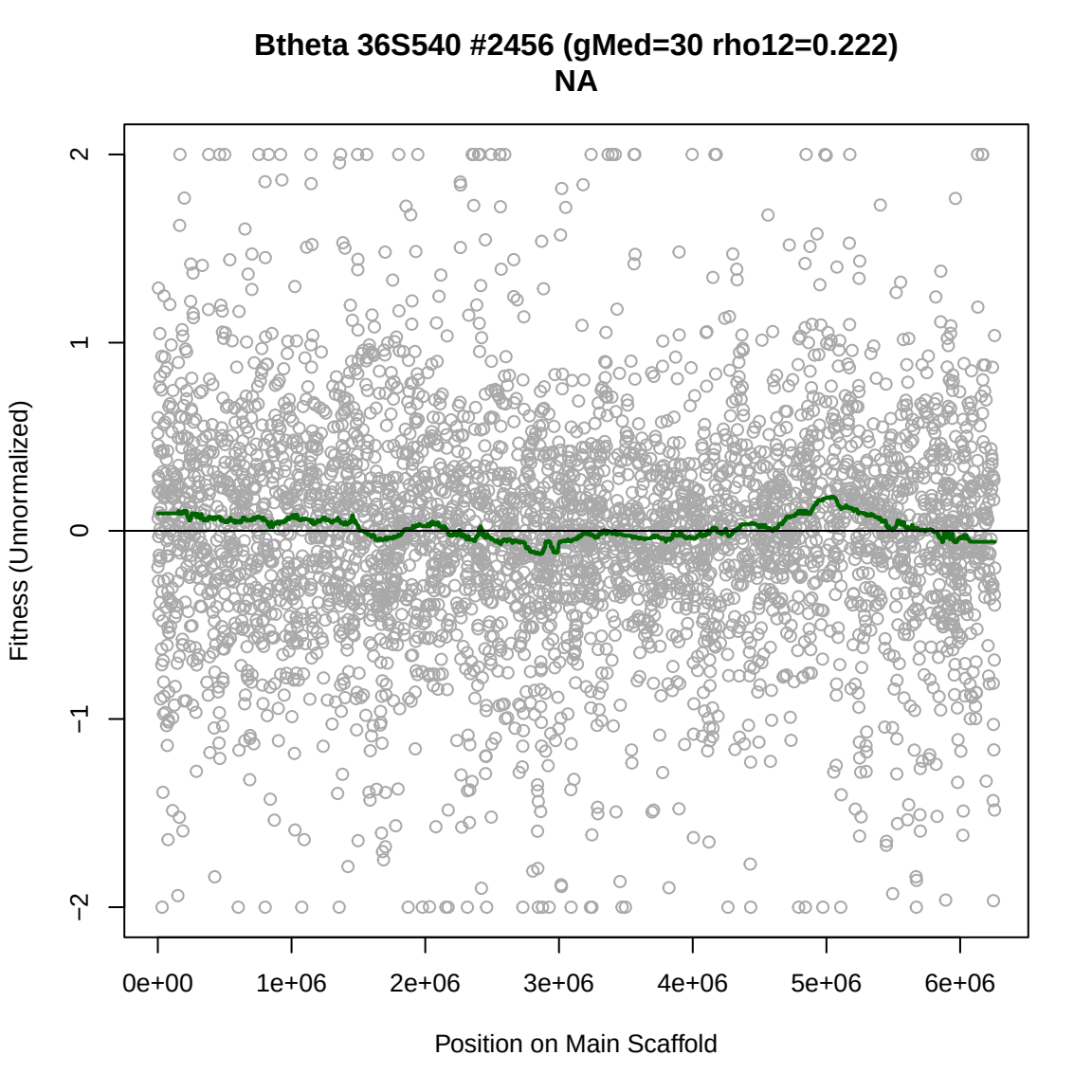

Btheta 36S534 #2451 (gMed=38 rho12=0.246)
Stool_Day12_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

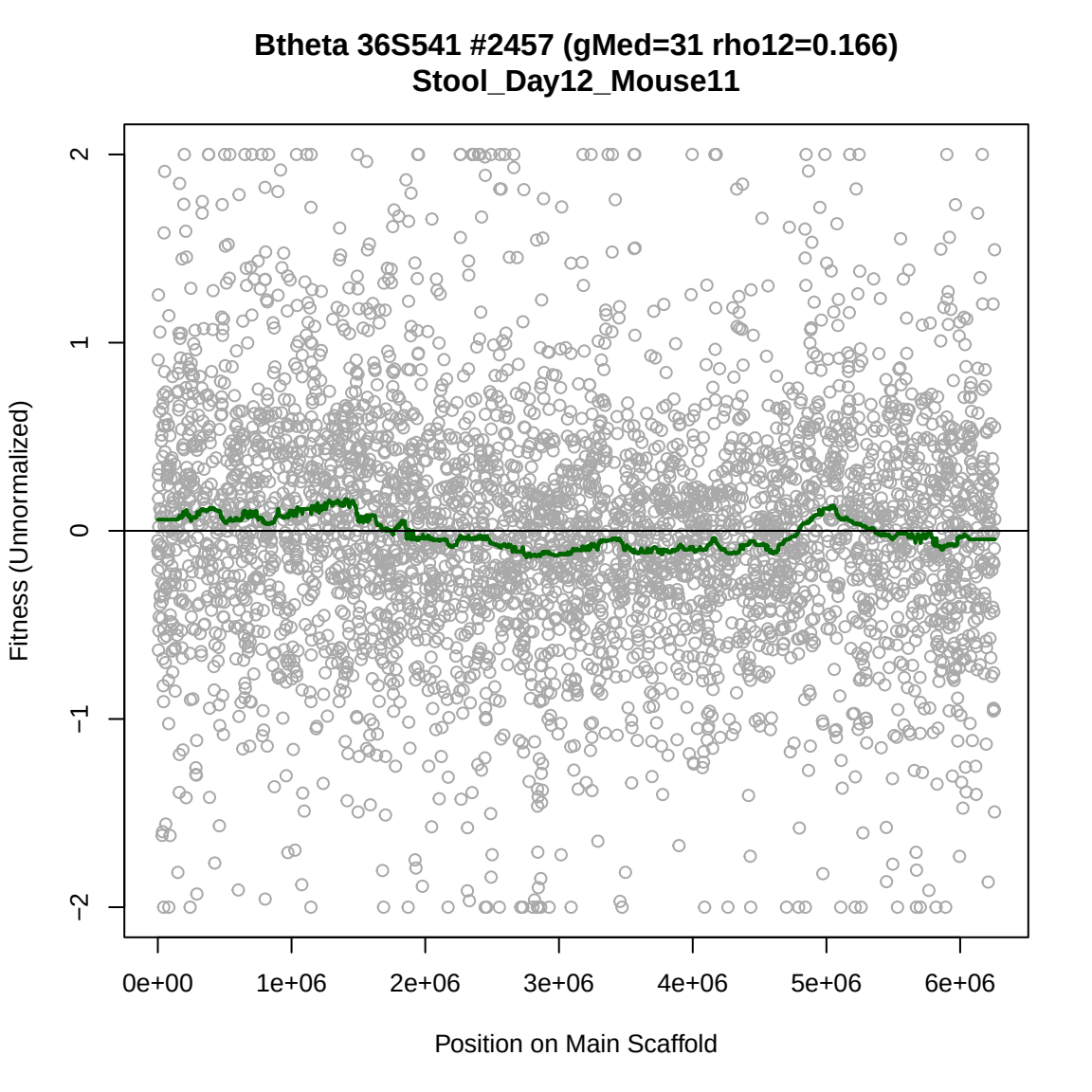

Btheta 36S535 #2452 (gMed=33 rho12=0.213)
Stool_Day12_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

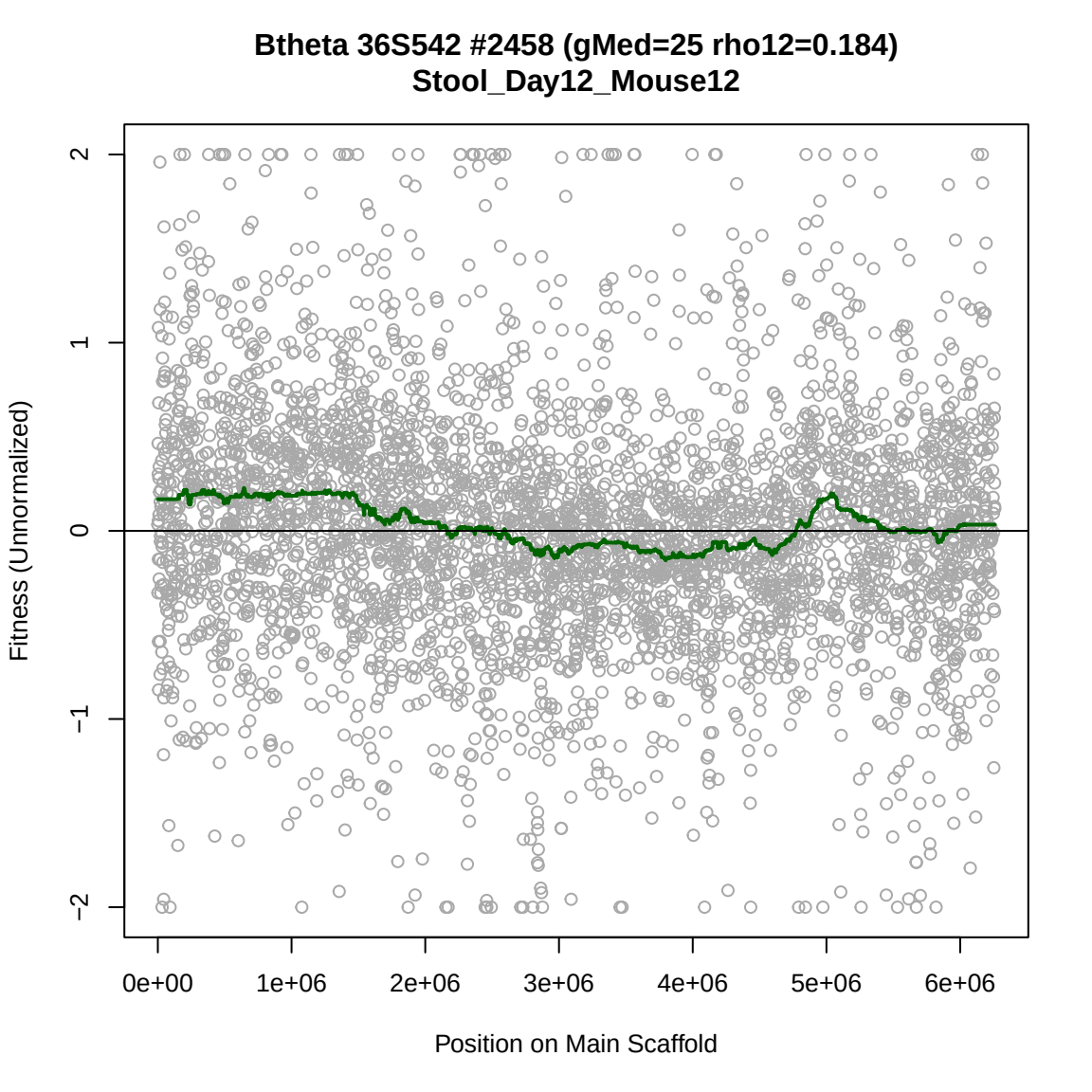

Btheta 36S536 #2453 (gMed=50 rho12=0.243)
Stool_Day12_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

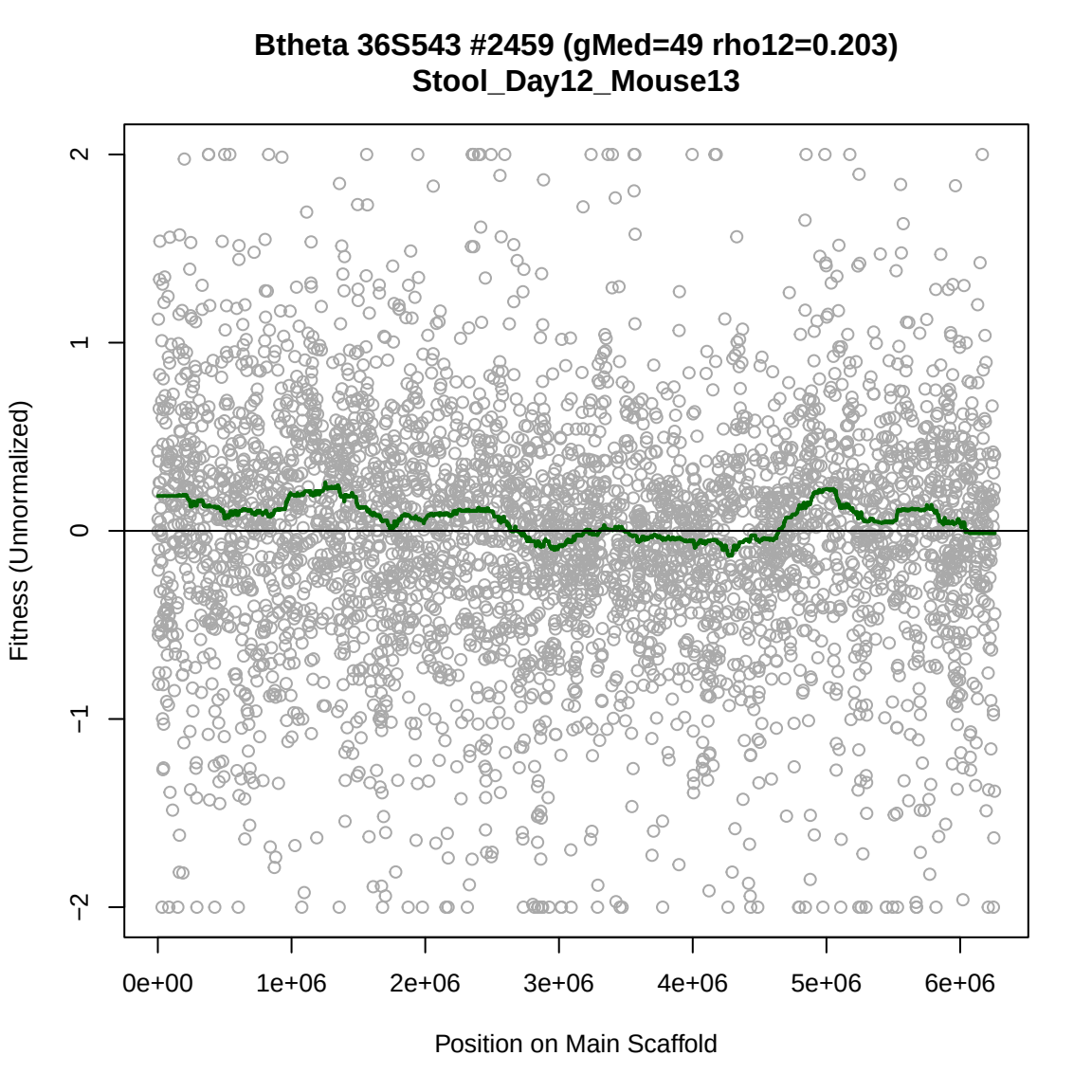

Btheta 36S537 #2454 (gMed=35 rho12=0.233)
Stool_Day12_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

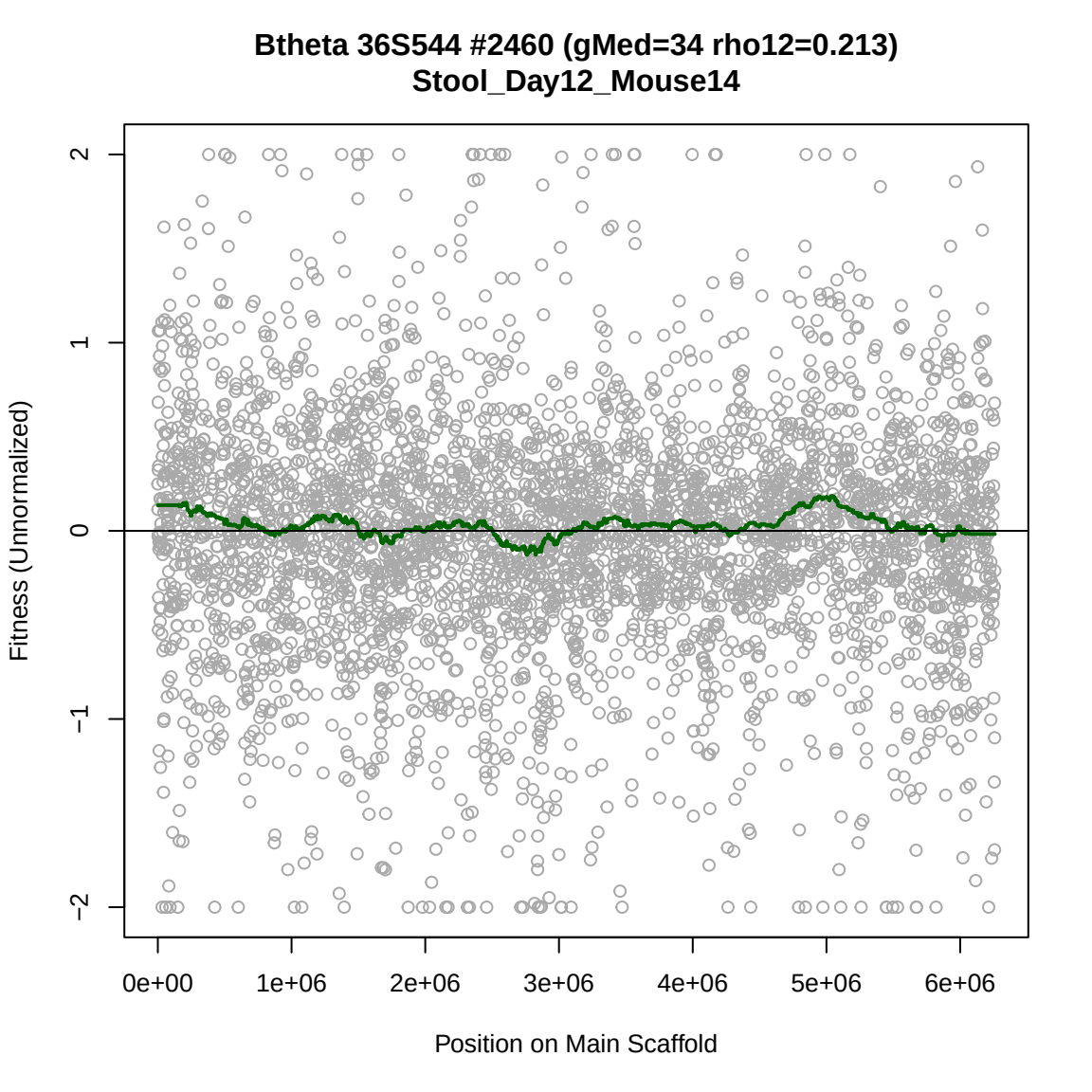

Btheta 36S538 #2455 (gMed=34 rho12=0.258)
Stool_Day12_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

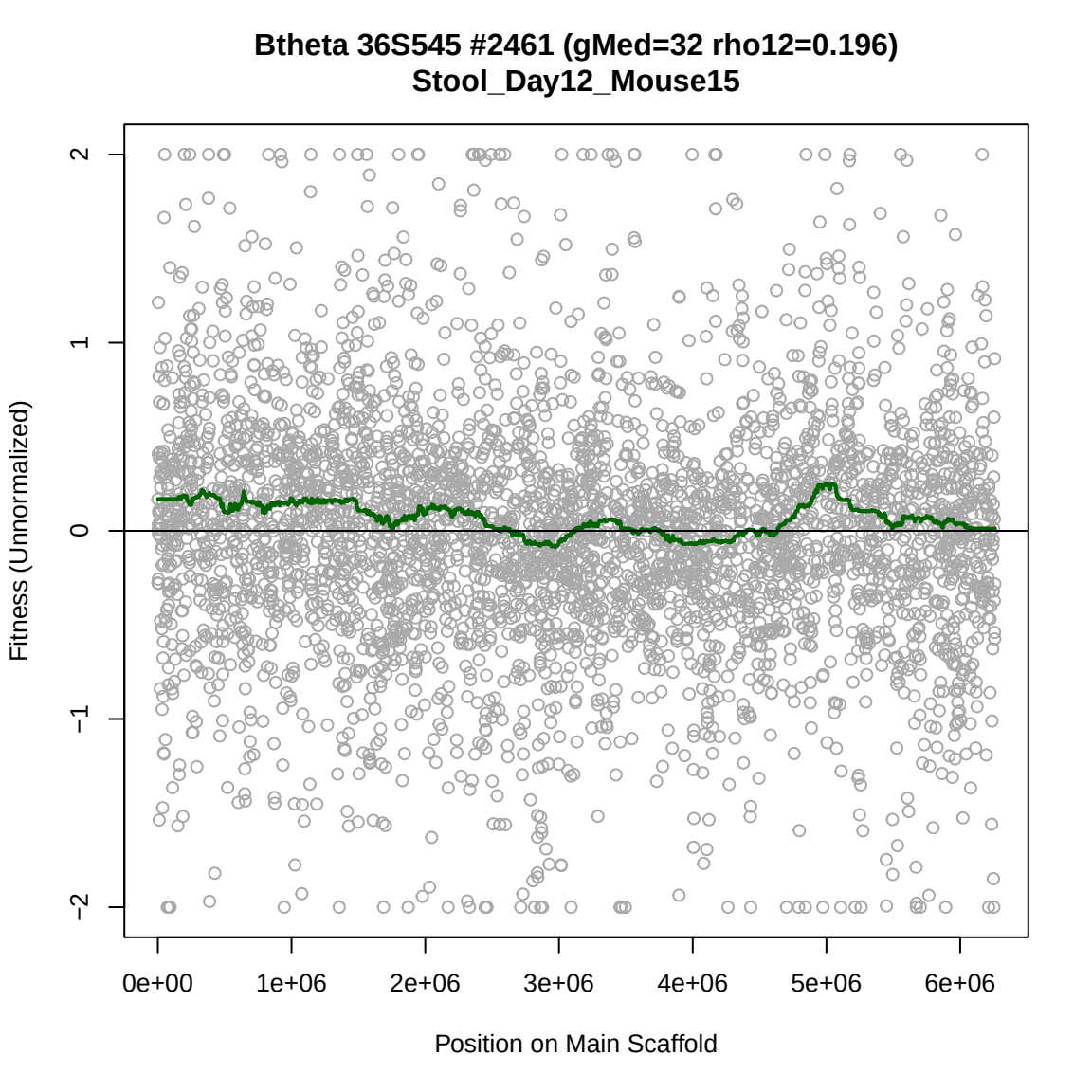

Btheta 36S540 #2456 (gMed=30 rho12=0.222)
NA
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

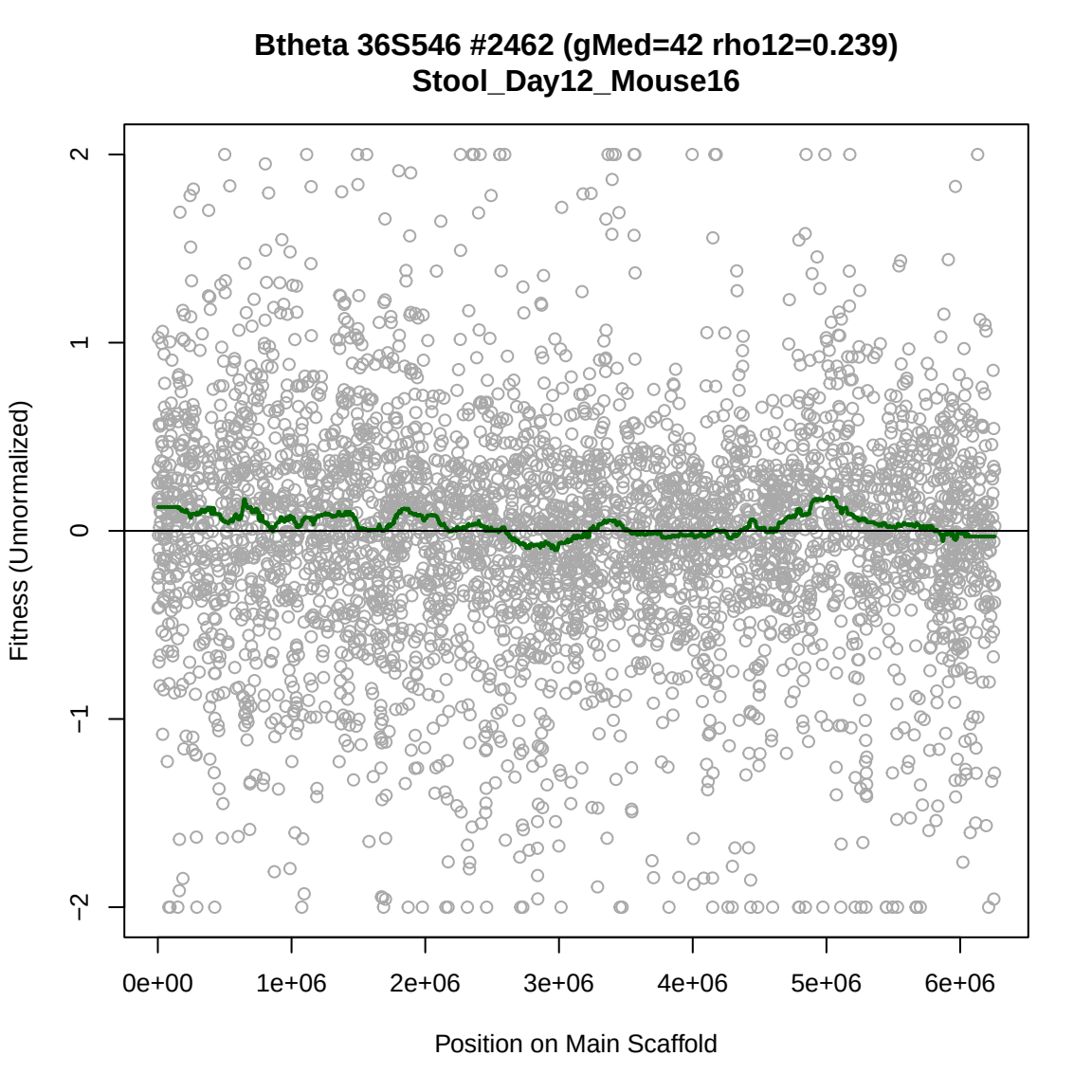

Btheta 36S541 #2457 (gMed=31 rho12=0.166)
Stool_Day12_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

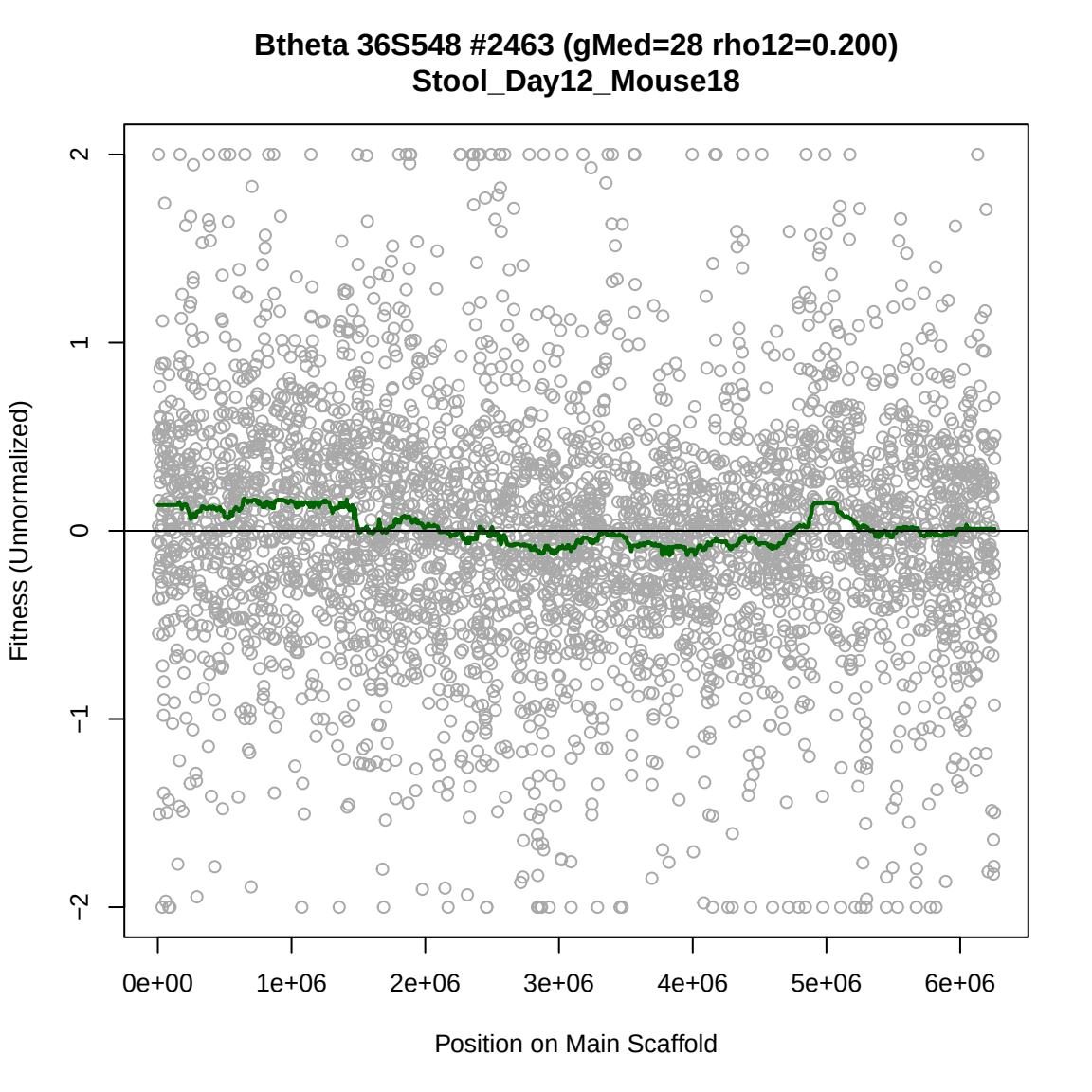

Btheta 36S542 #2458 (gMed=25 rho12=0.184)
Stool_Day12_Mouse12
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

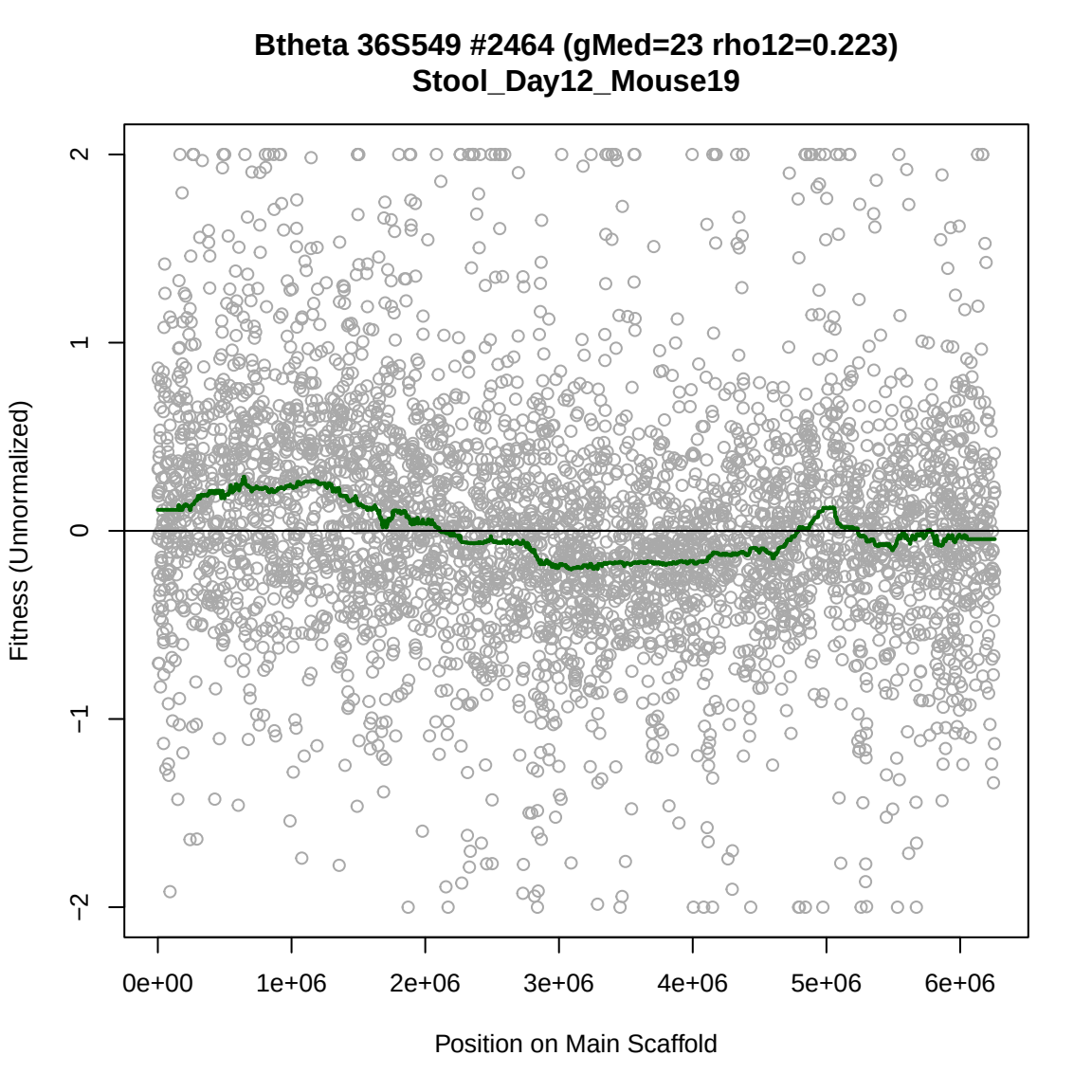

Btheta 36S543 #2459 (gMed=49 rho12=0.203)
Stool_Day12_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

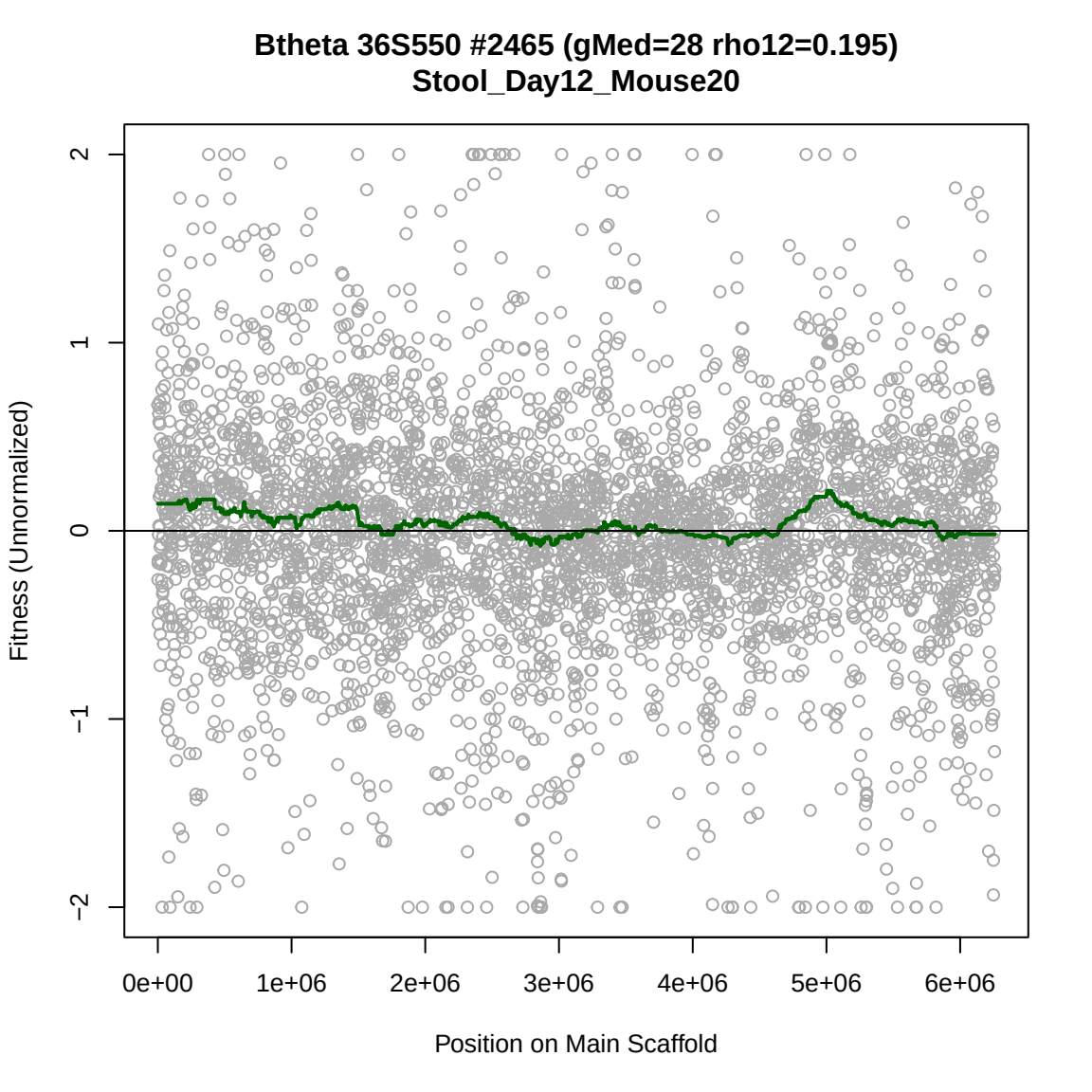

Btheta 36S544 #2460 (gMed=34 rho12=0.213)
Stool_Day12_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

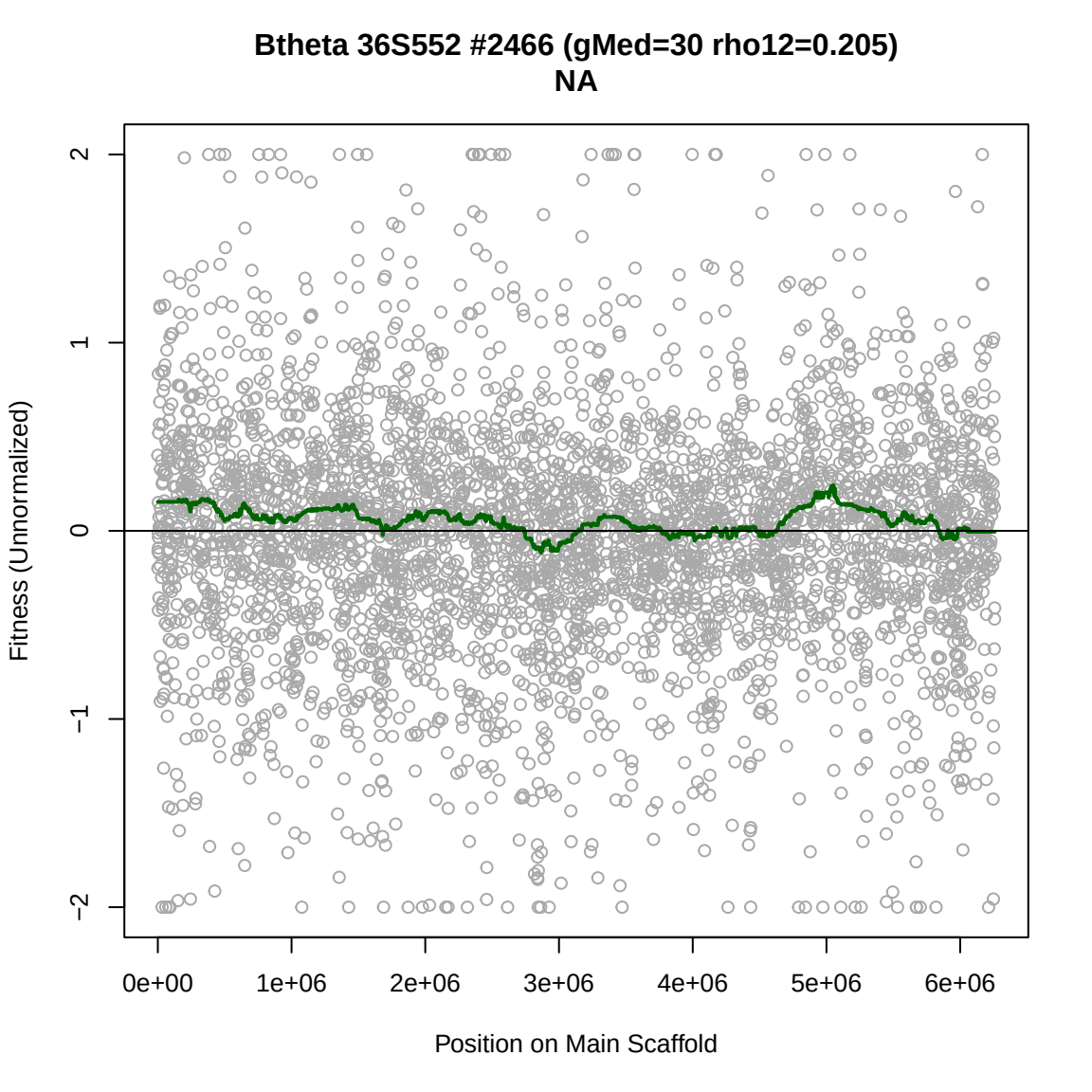

Btheta 36S545 #2461 (gMed=32 rho12=0.196)
Stool_Day12_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

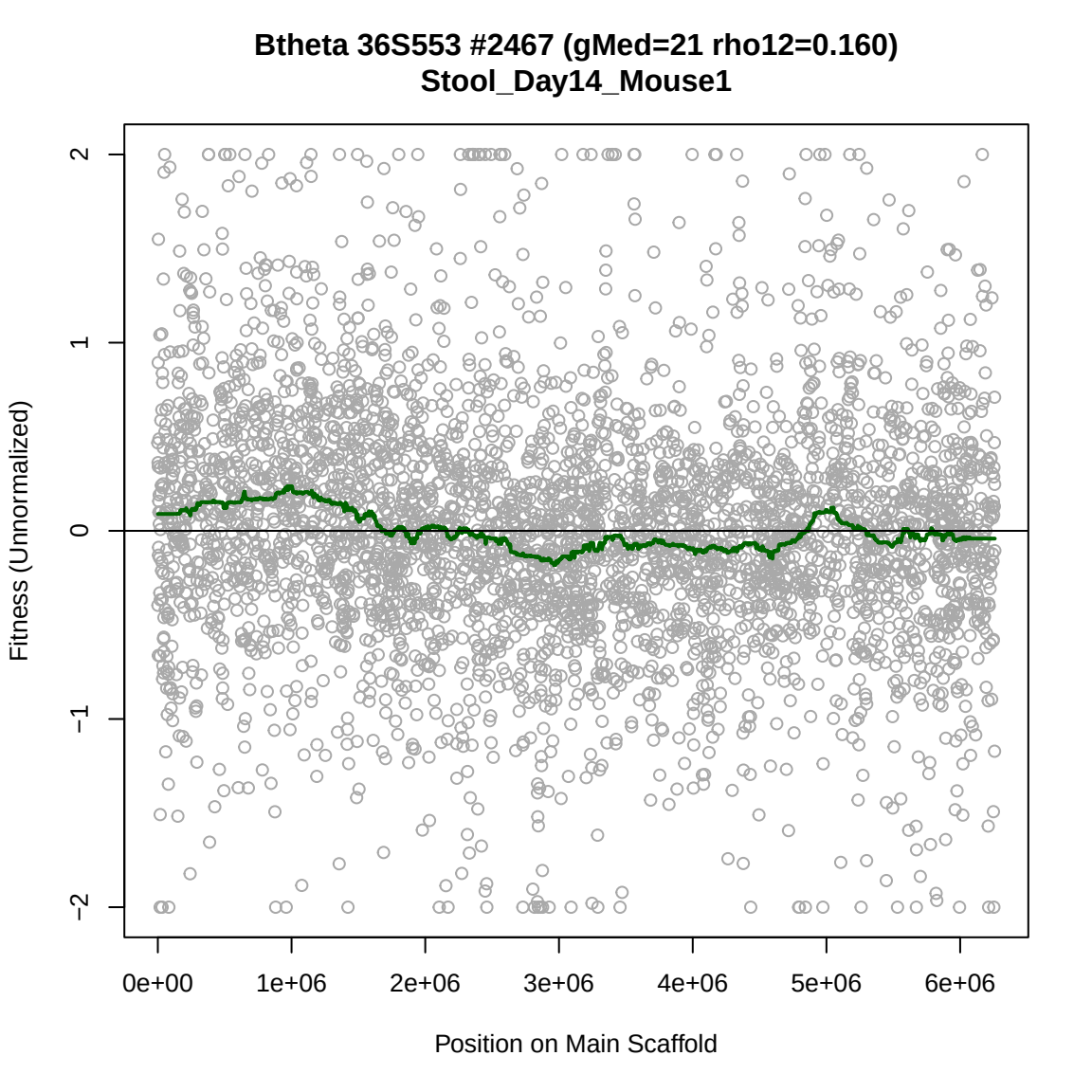

Btheta 36S546 #2462 (gMed=42 rho12=0.239)
Stool_Day12_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

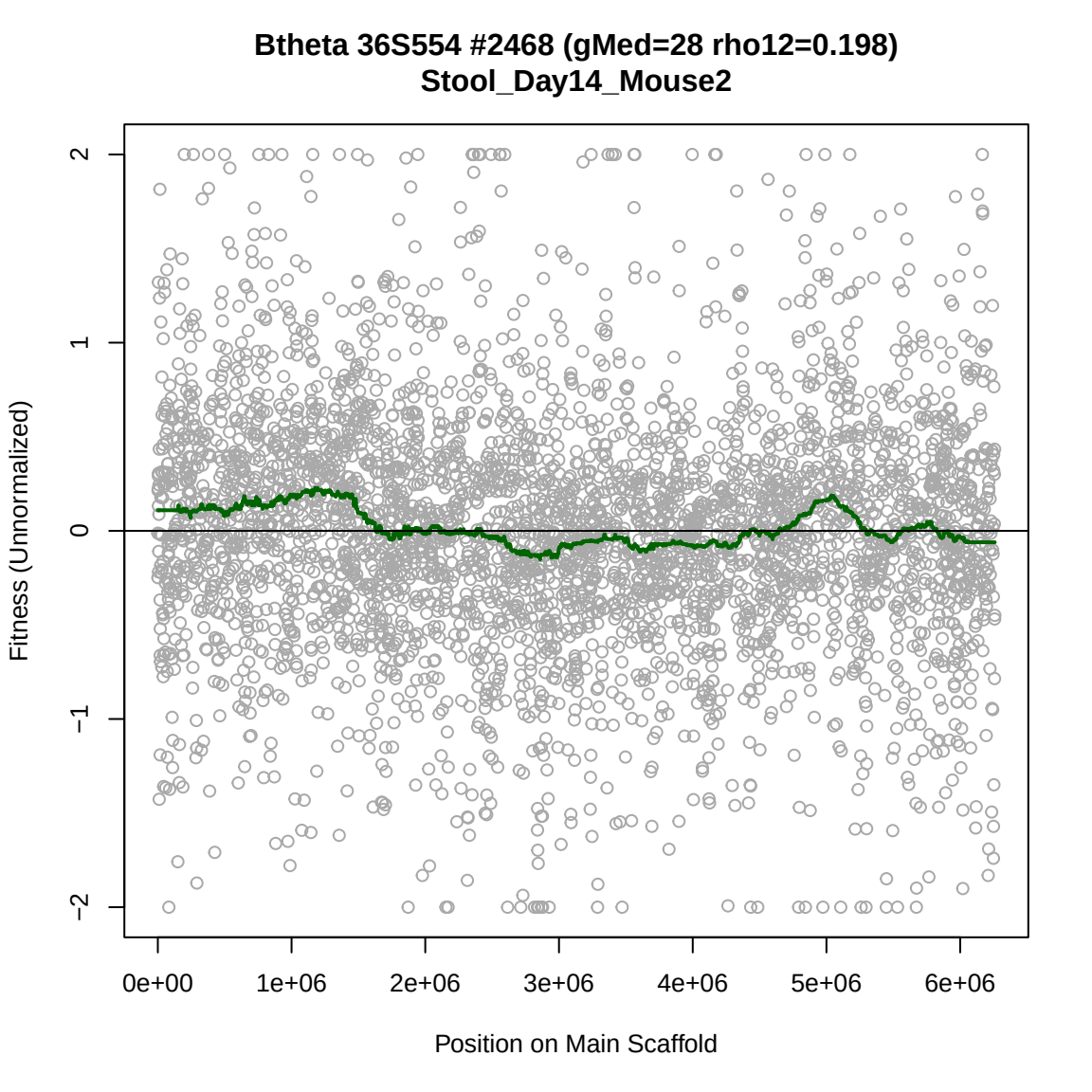

Btheta 36S548 #2463 (gMed=28 rho12=0.200)
Stool_Day12_Mouse18
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

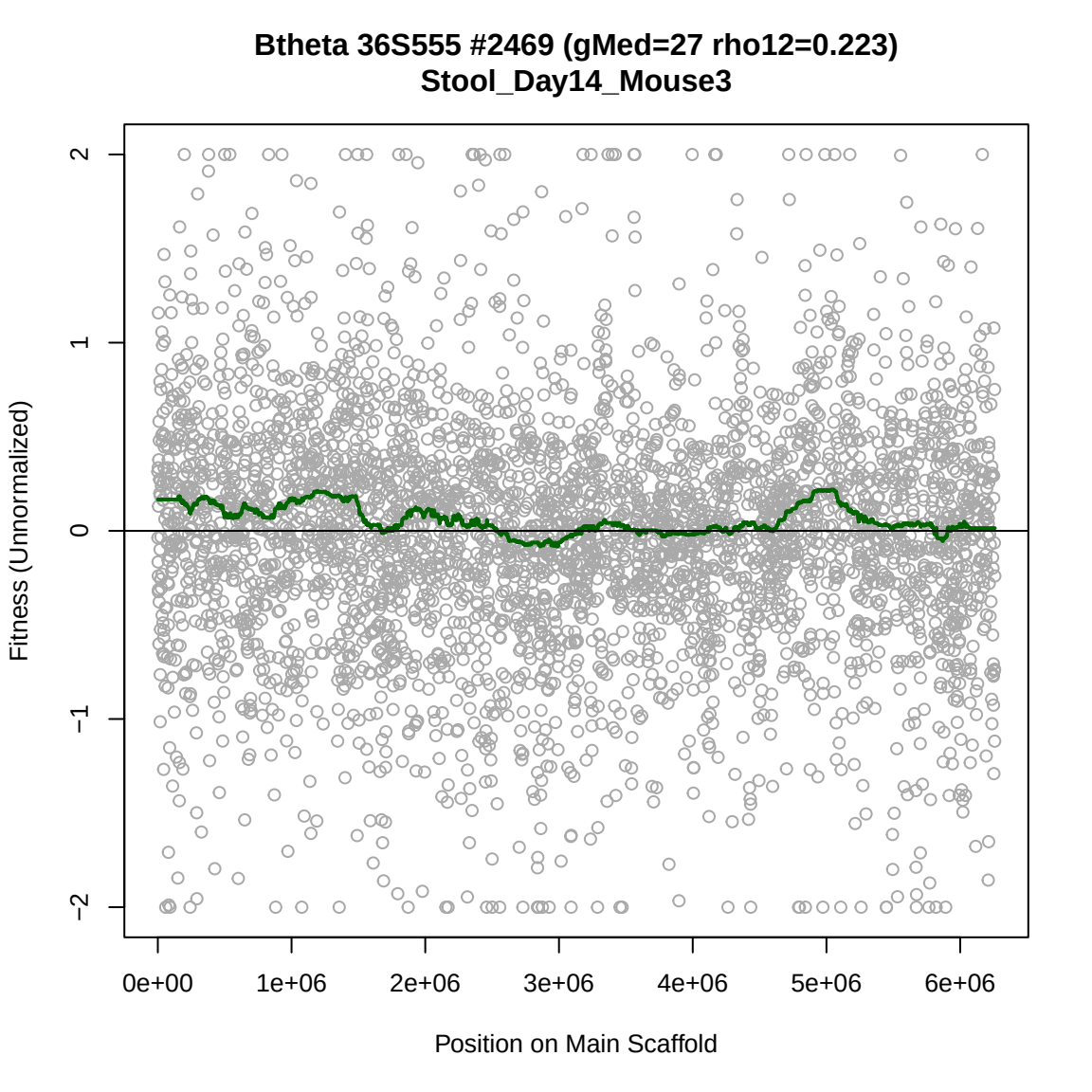

Btheta 36S549 #2464 (gMed=23 rho12=0.223)
Stool_Day12_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

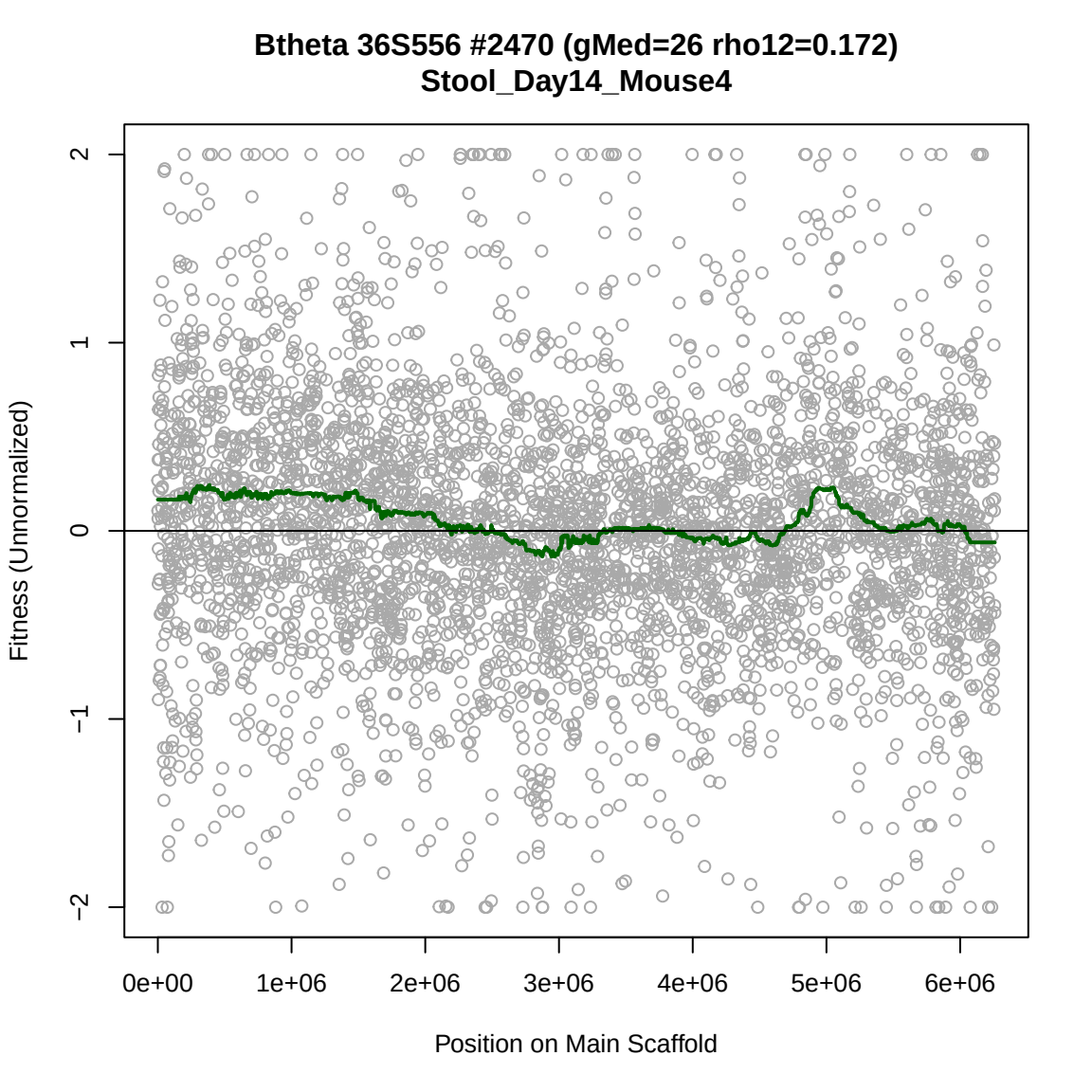

Btheta 36S550 #2465 (gMed=28 rho12=0.195)
Stool_Day12_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

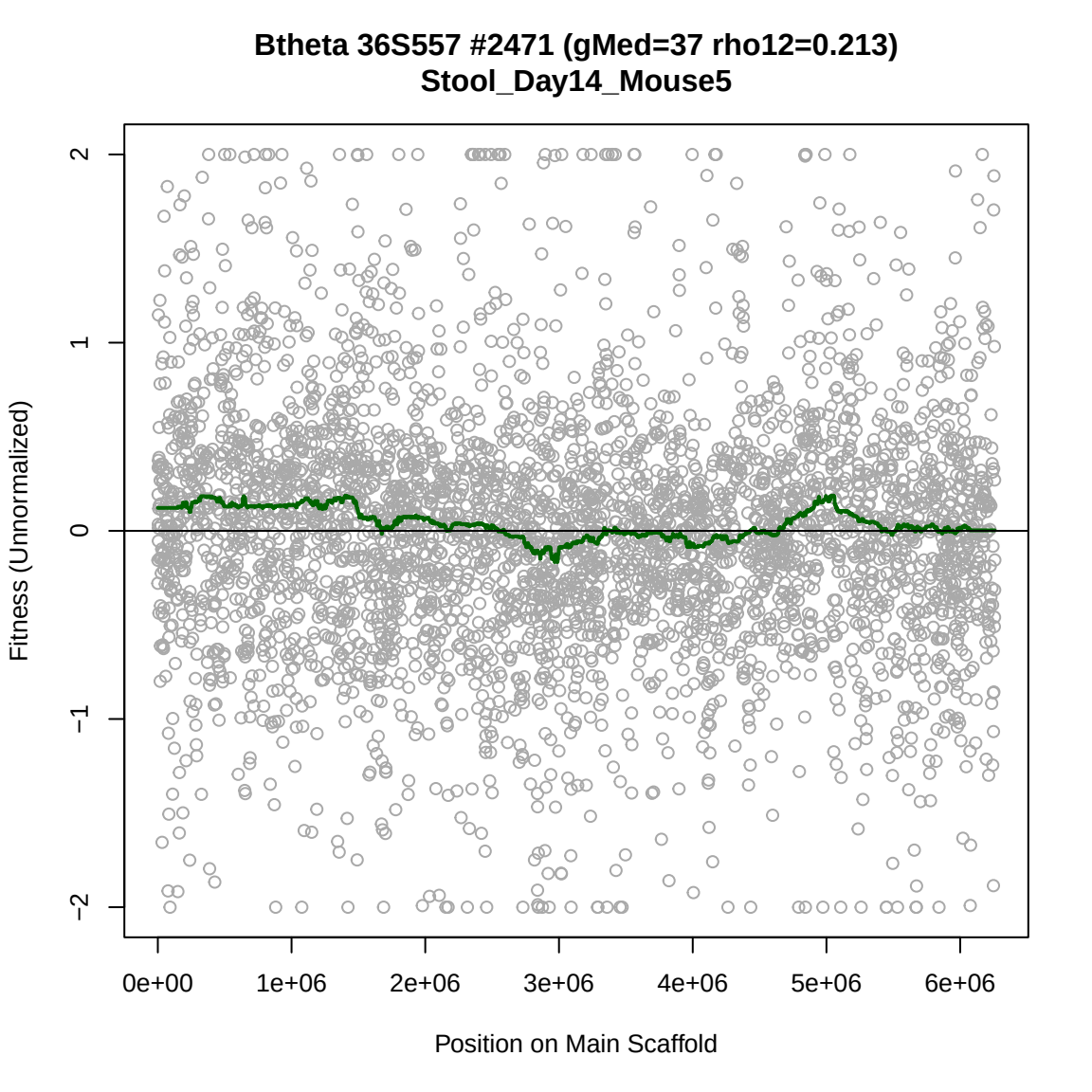

Btheta 36S552 #2466 (gMed=30 rho12=0.205)
NA
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

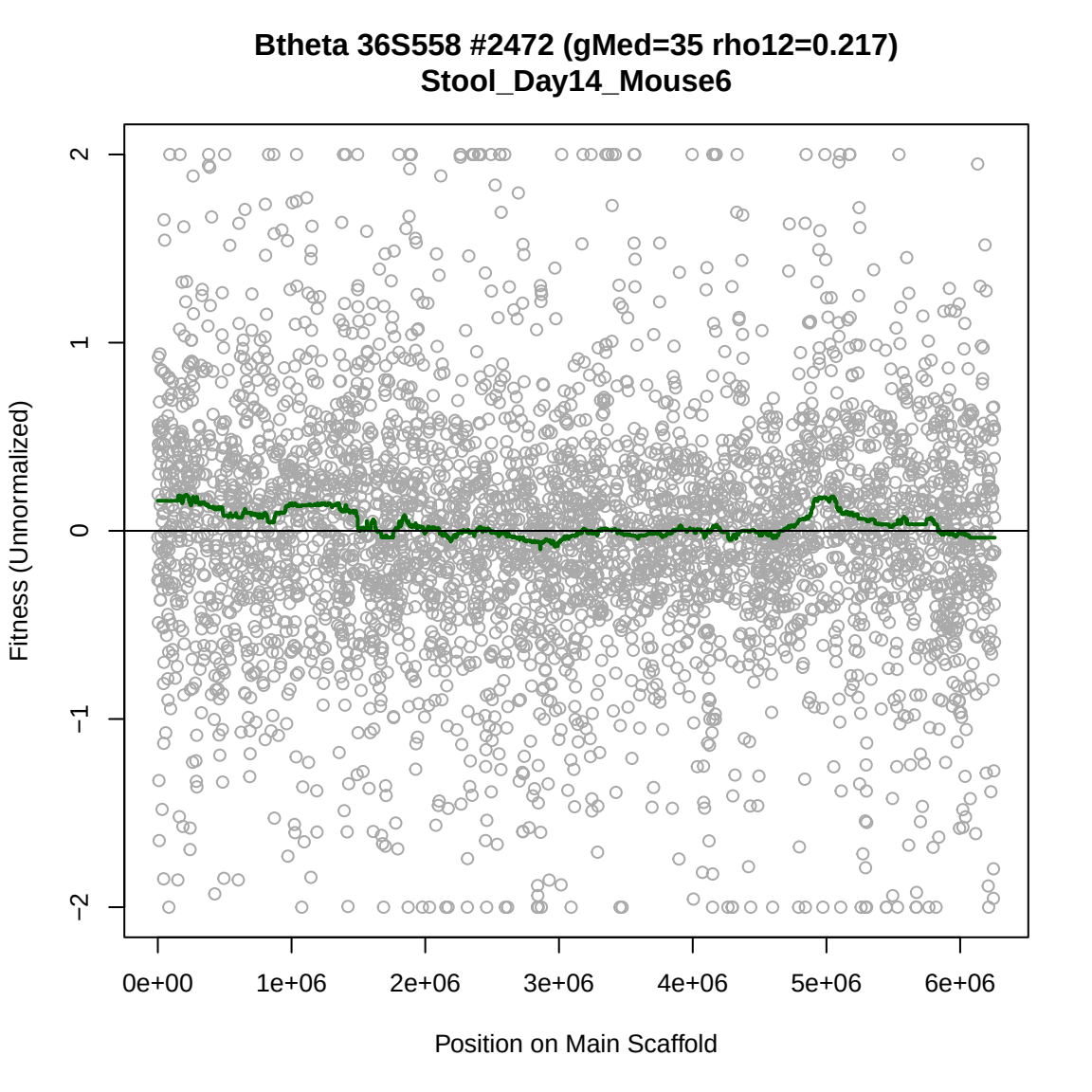

Btheta 36S553 #2467 (gMed=21 rho12=0.160)
Stool_Day14_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

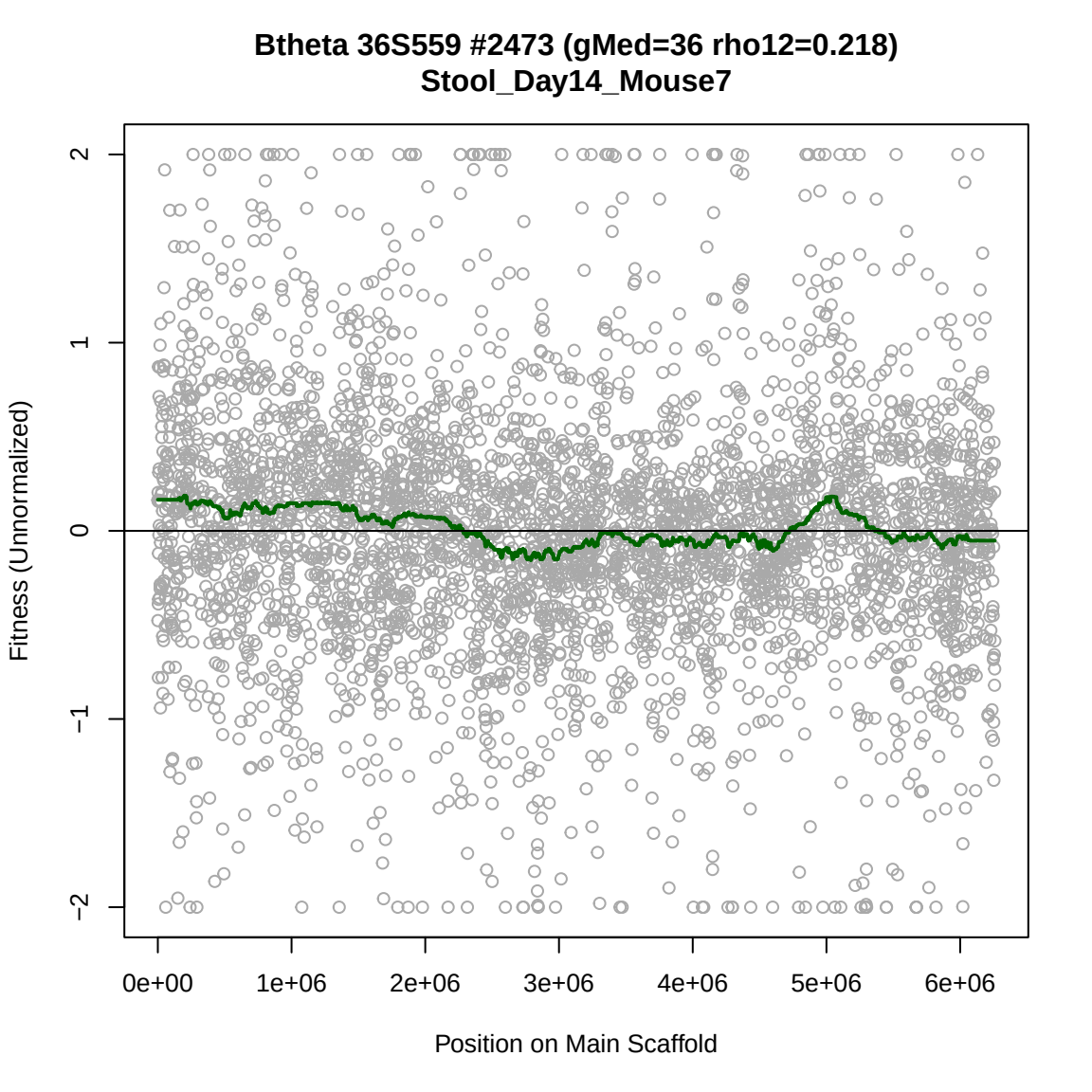

Btheta 36S554 #2468 (gMed=28 rho12=0.198)
Stool_Day14_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

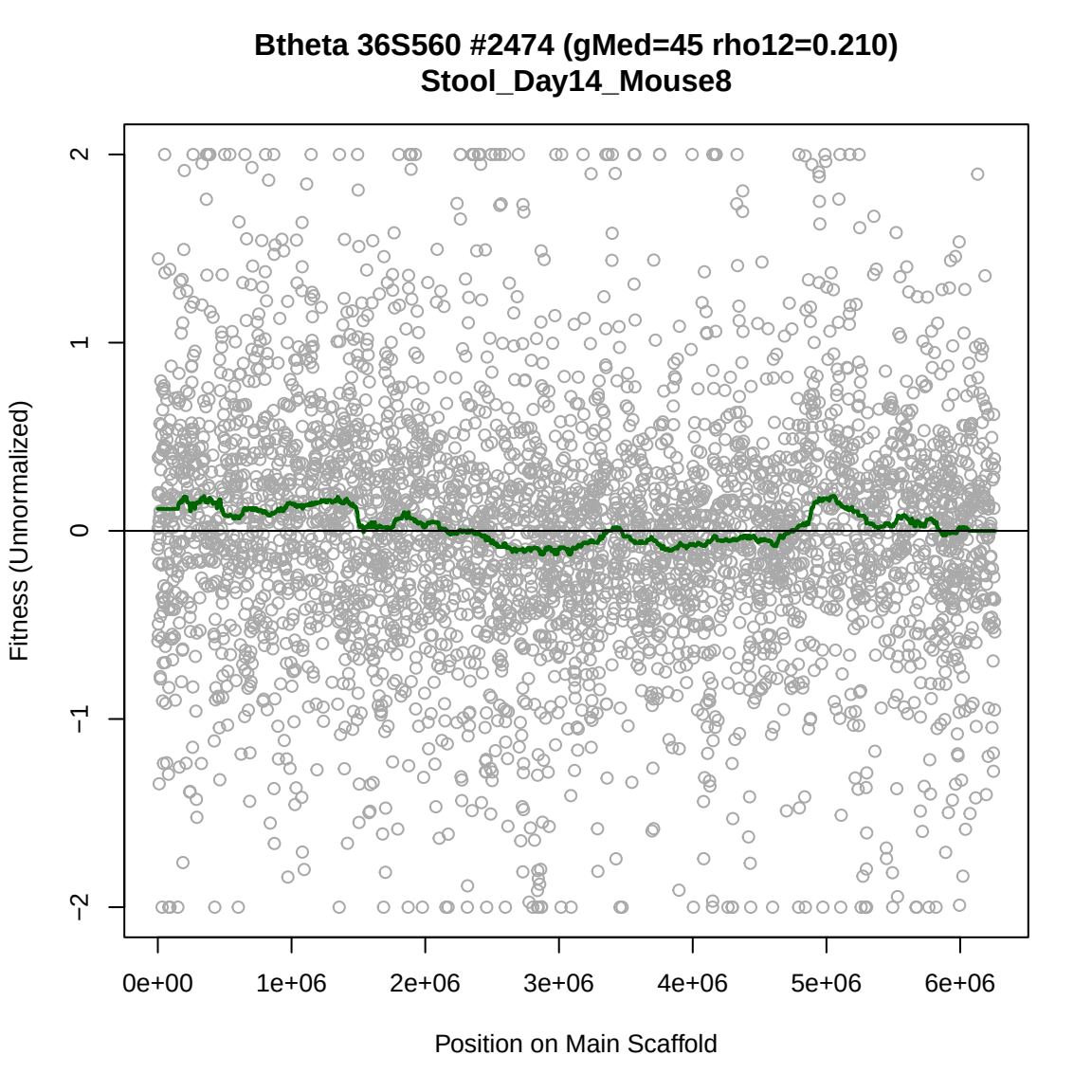

Btheta 36S555 #2469 (gMed=27 rho12=0.223)
Stool_Day14_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

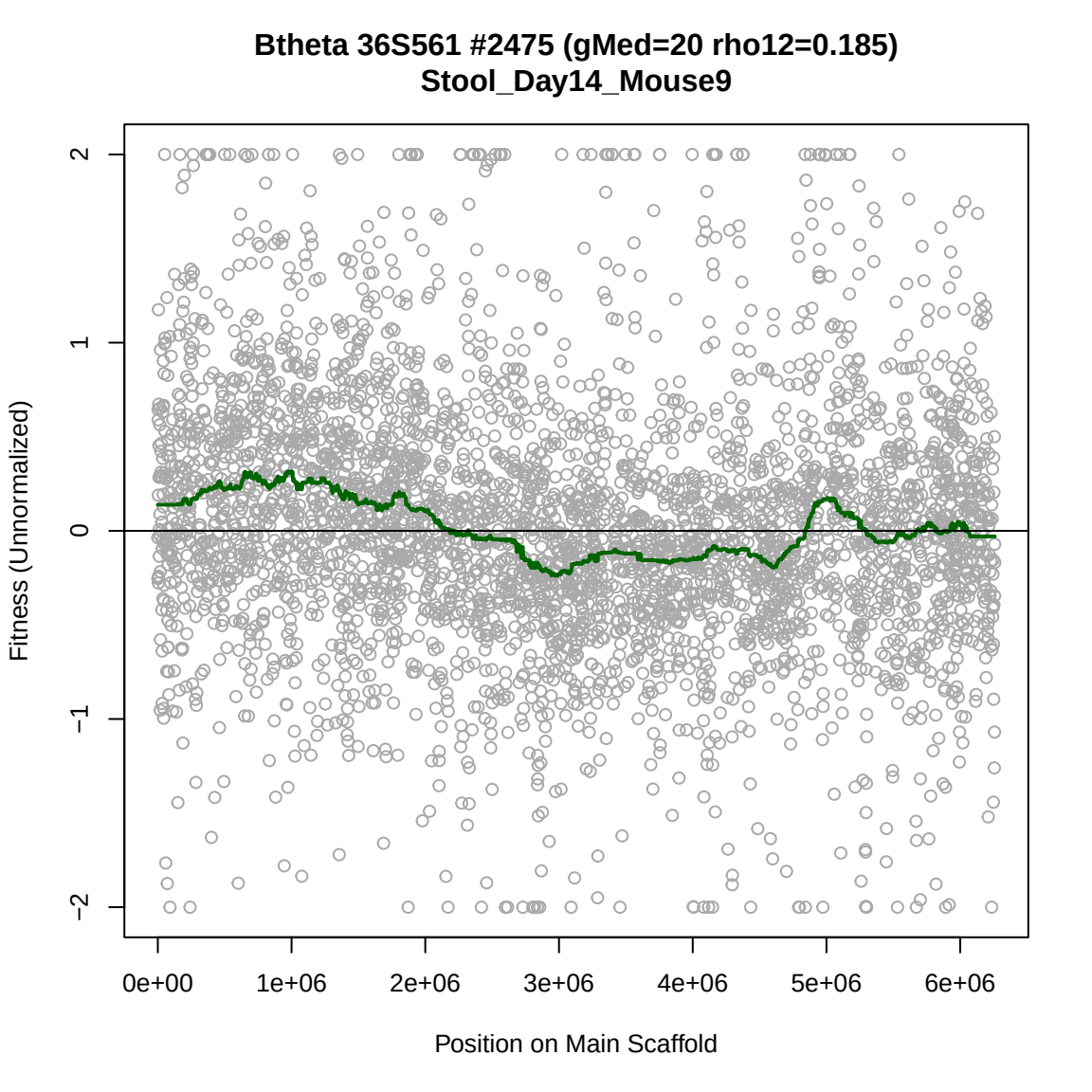

Btheta 36S556 #2470 (gMed=26 rho12=0.172)
Stool_Day14_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

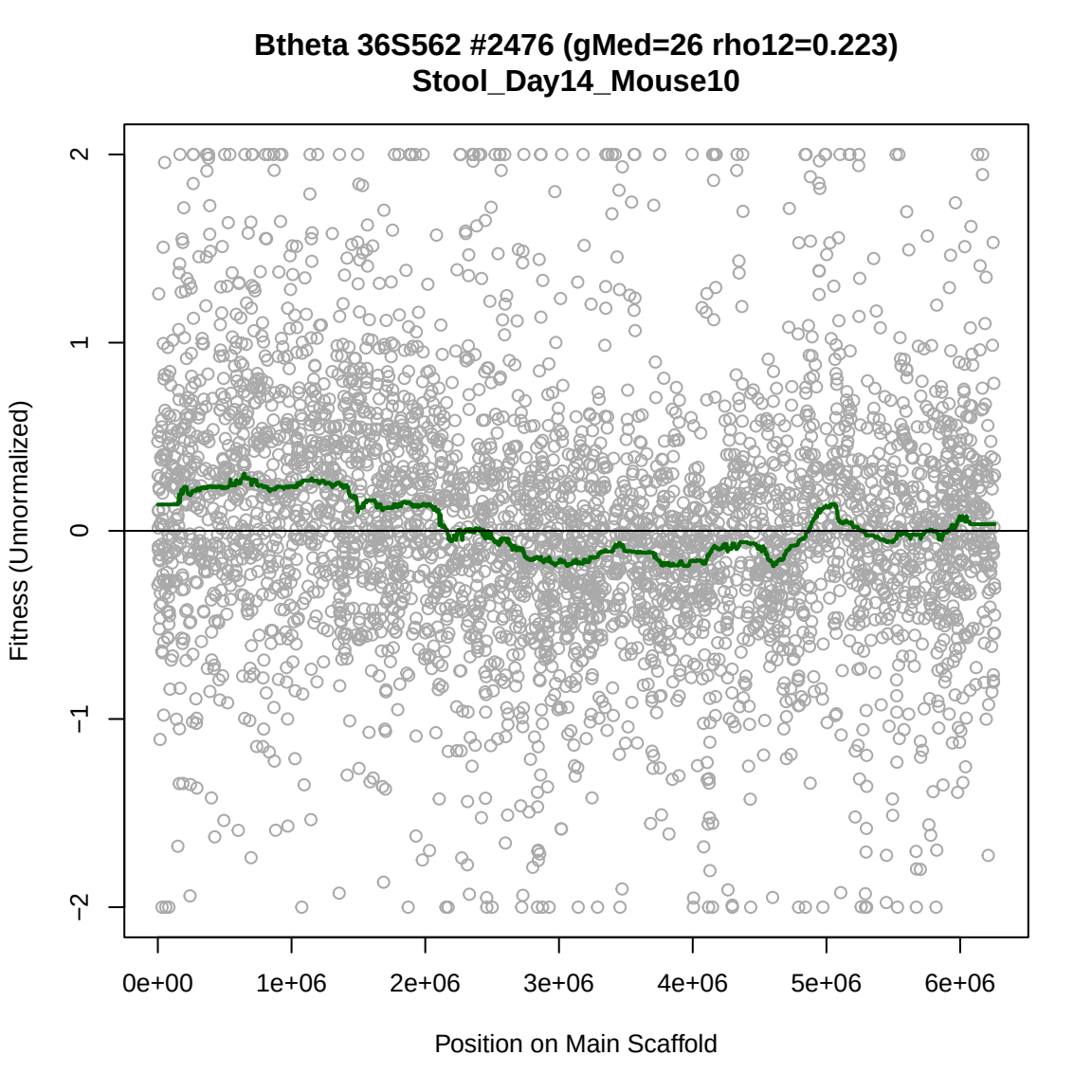

Btheta 36S557 #2471 (gMed=37 rho12=0.213)
Stool_Day14_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

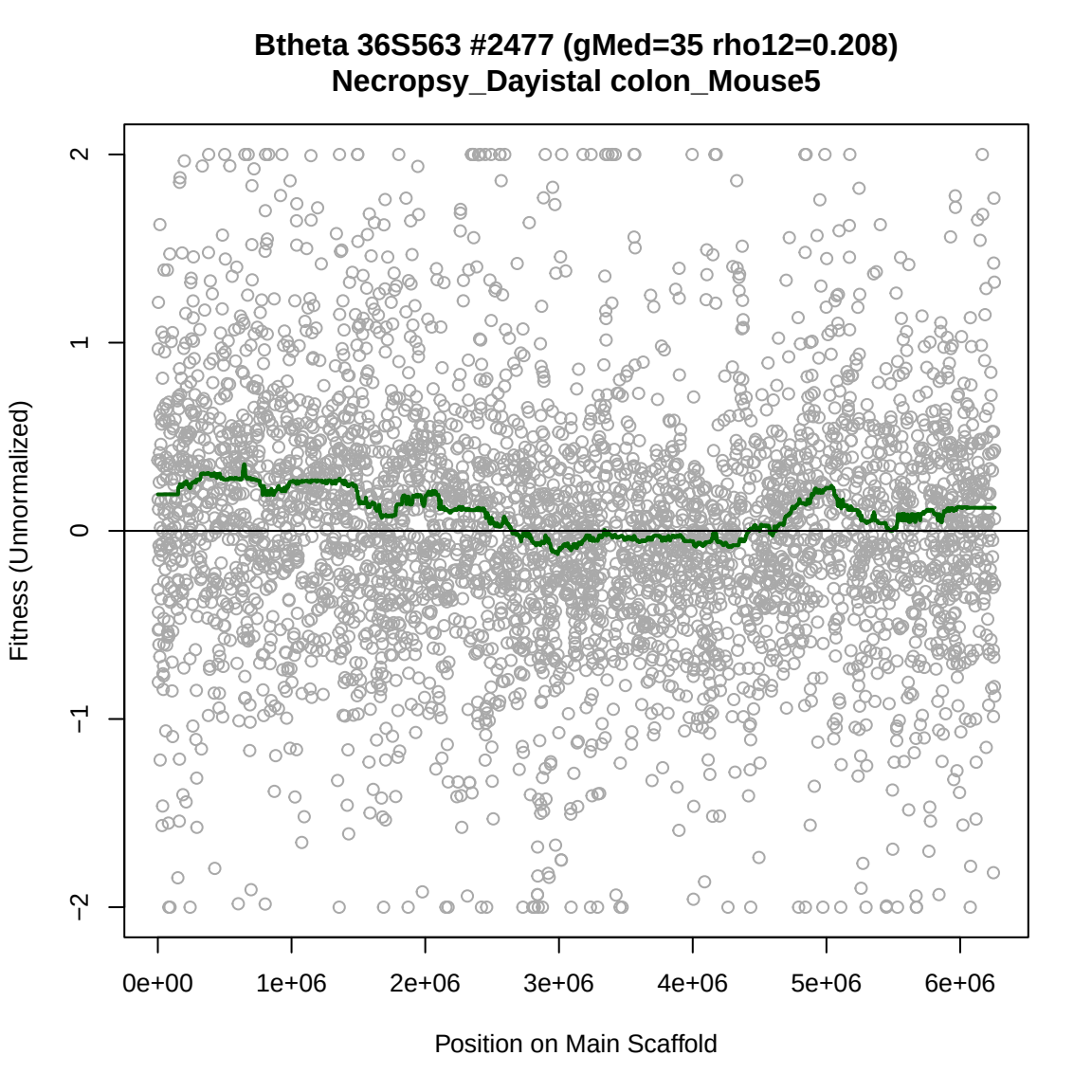

Btheta 36S558 #2472 (gMed=35 rho12=0.217)
Stool_Day14_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

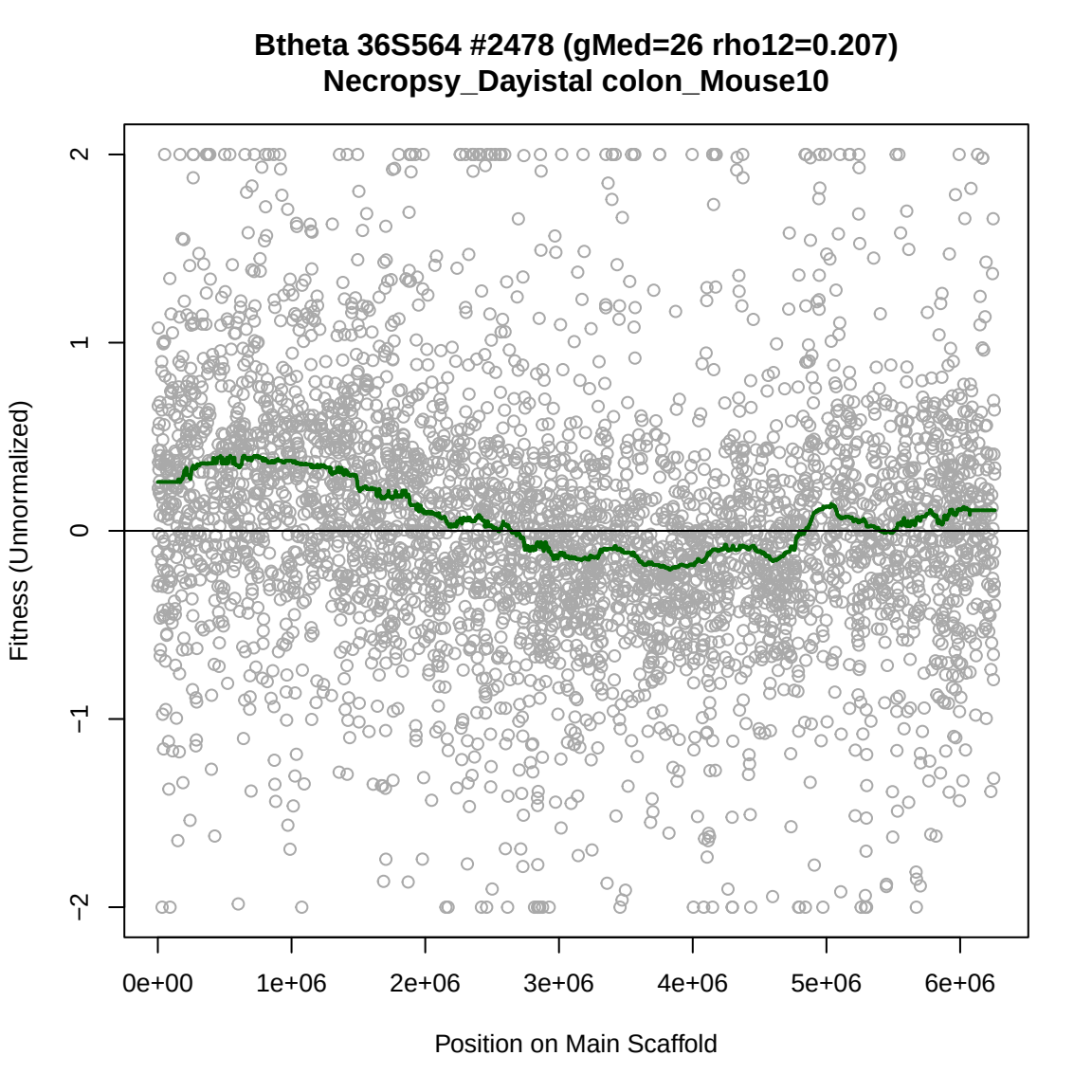

Btheta 36S559 #2473 (gMed=36 rho12=0.218)
Stool_Day14_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

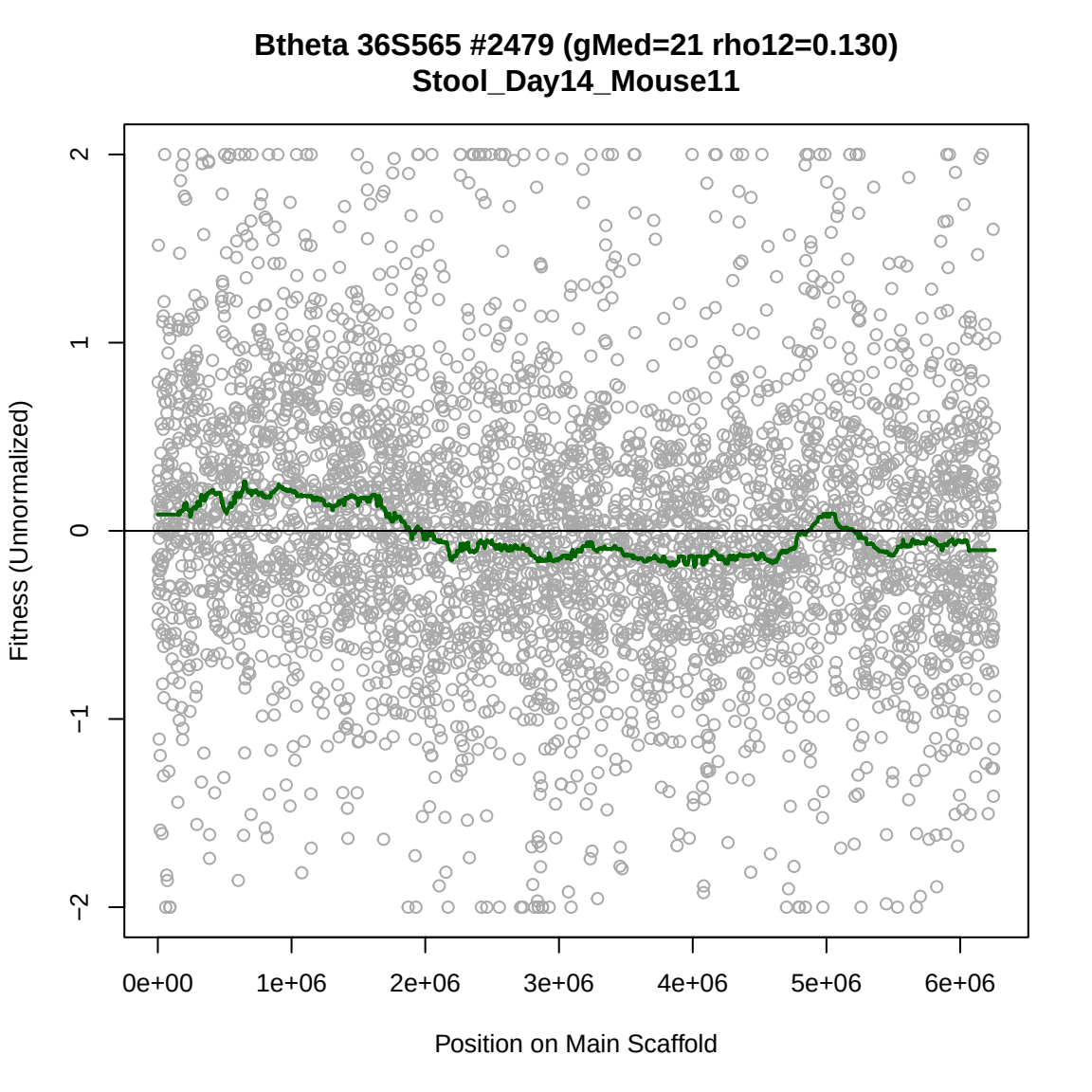

Btheta 36S560 #2474 (gMed=45 rho12=0.210)
Stool_Day14_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

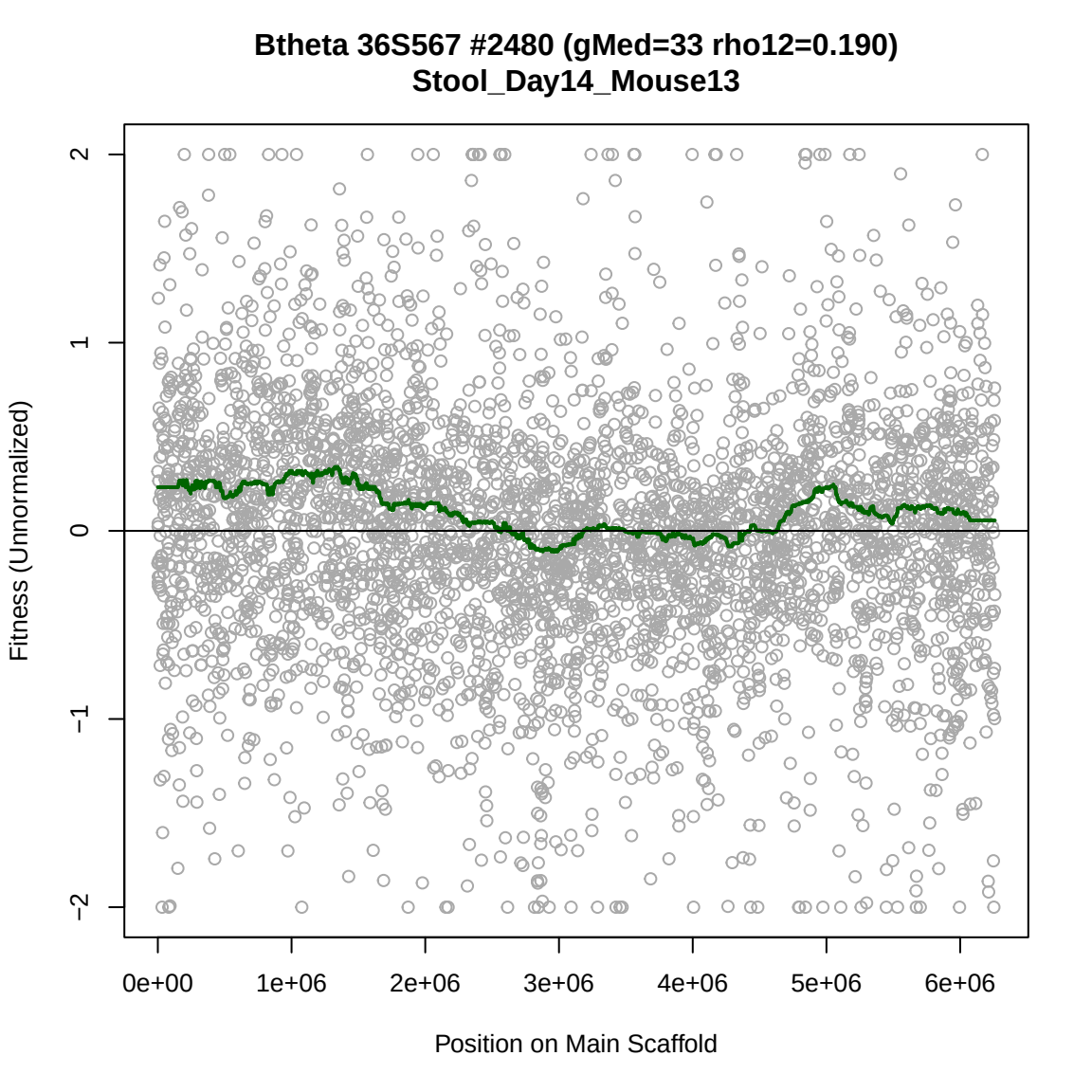

Btheta 36S561 #2475 (gMed=20 rho12=0.185)
Stool_Day14_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

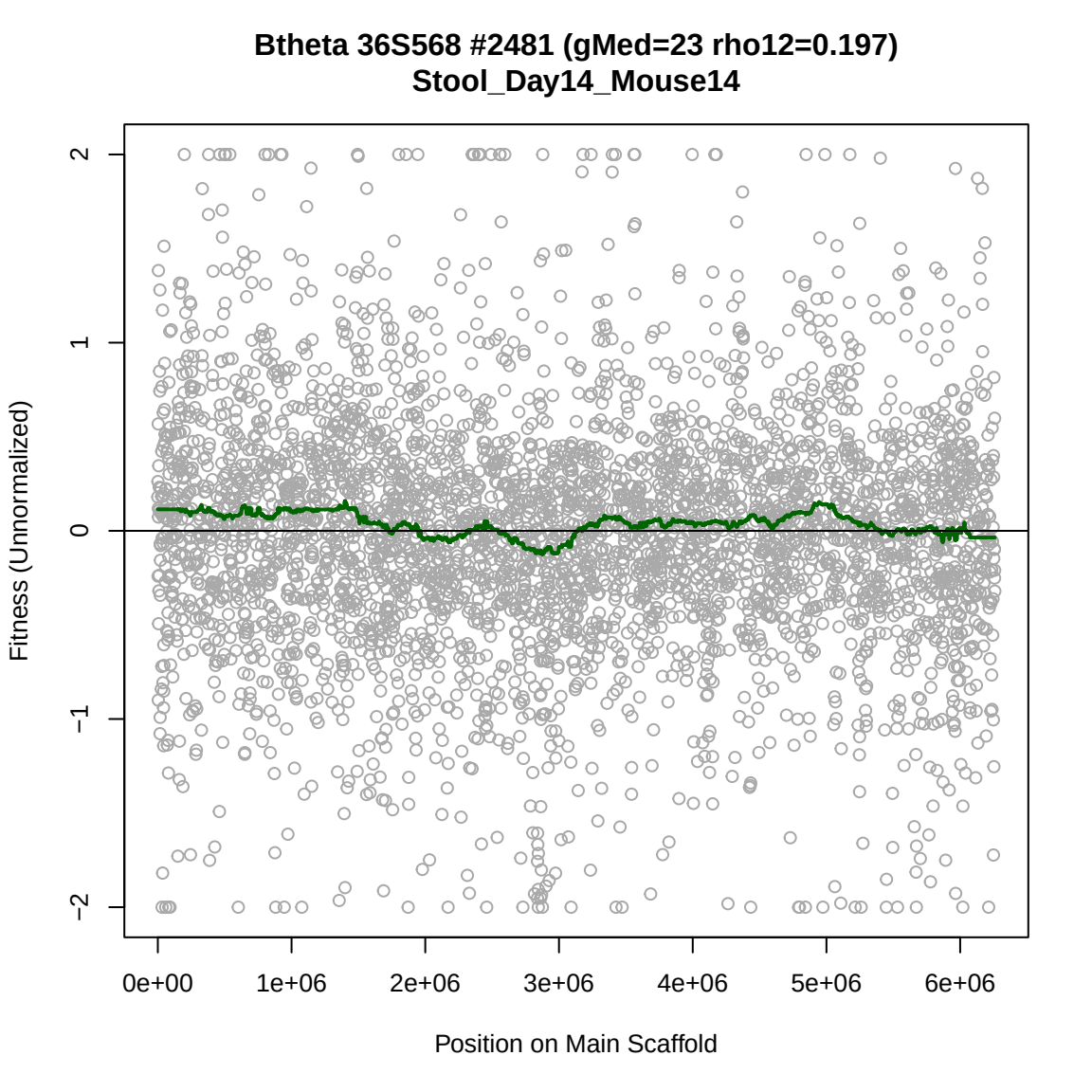

Btheta 36S562 #2476 (gMed=26 rho12=0.223)
Stool_Day14_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

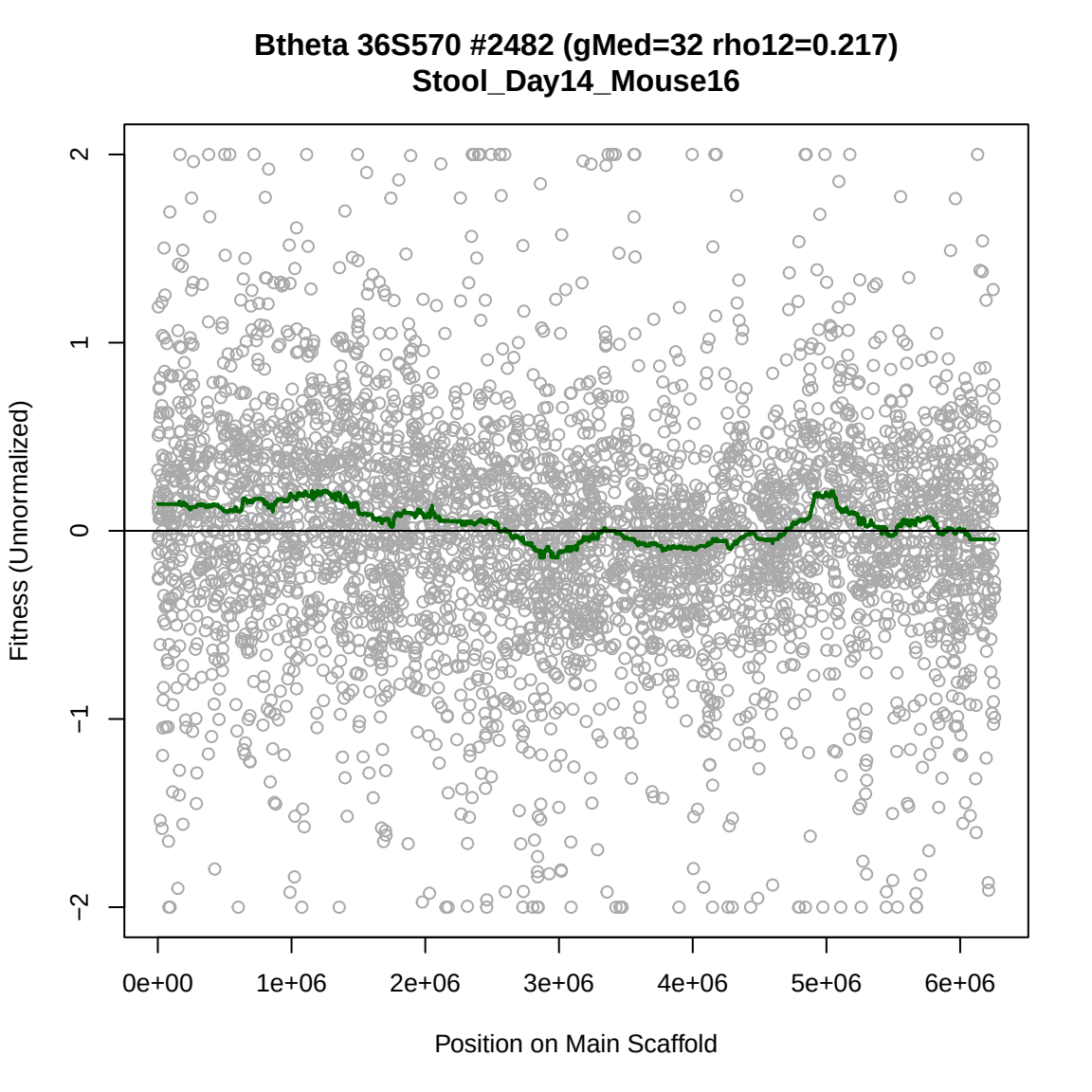

Btheta 36S563 #2477 (gMed=35 rho12=0.208)
Necropsy_Dayistal colon_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

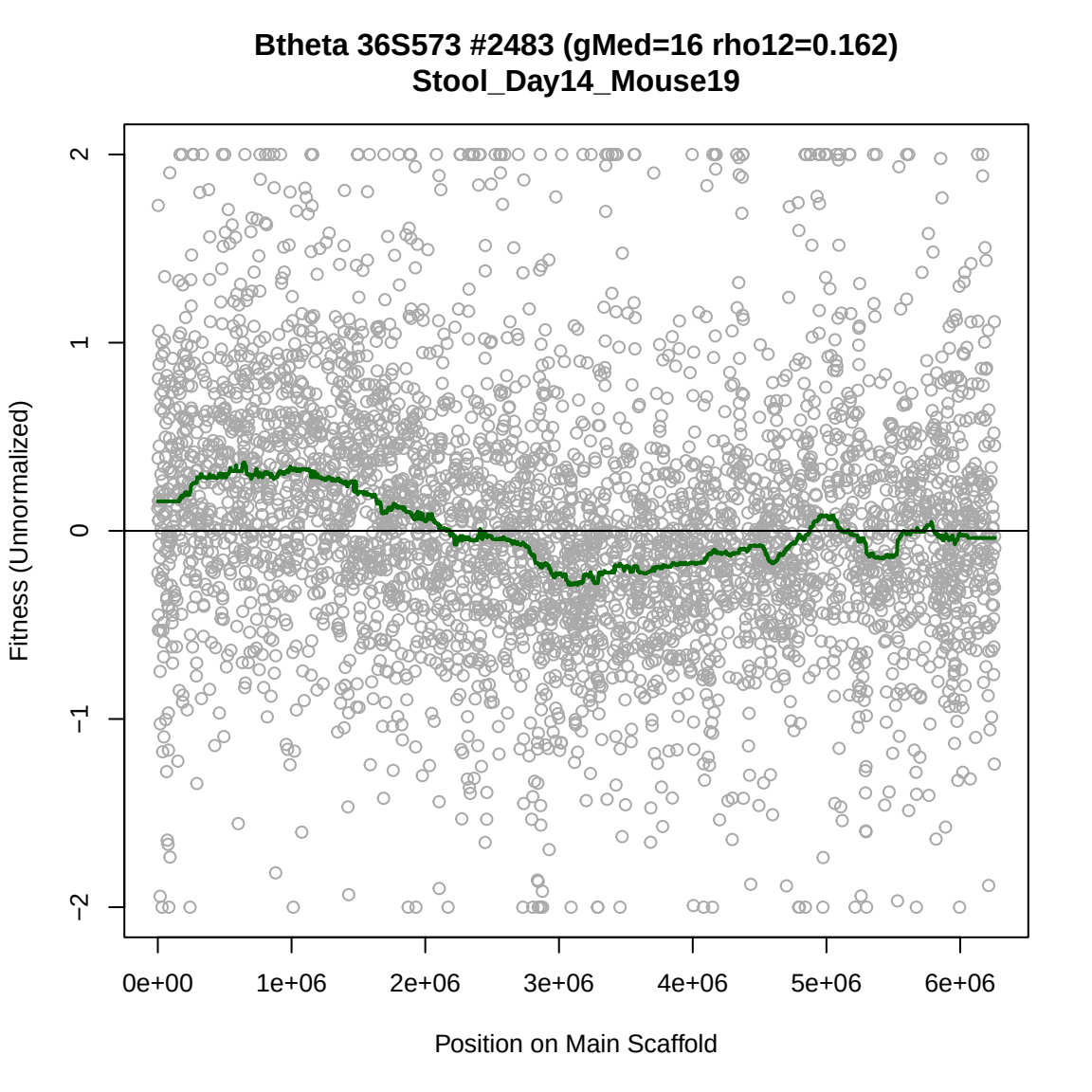

Btheta 36S564 #2478 (gMed=26 rho12=0.207)
Necropsy_Dayistal colon_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

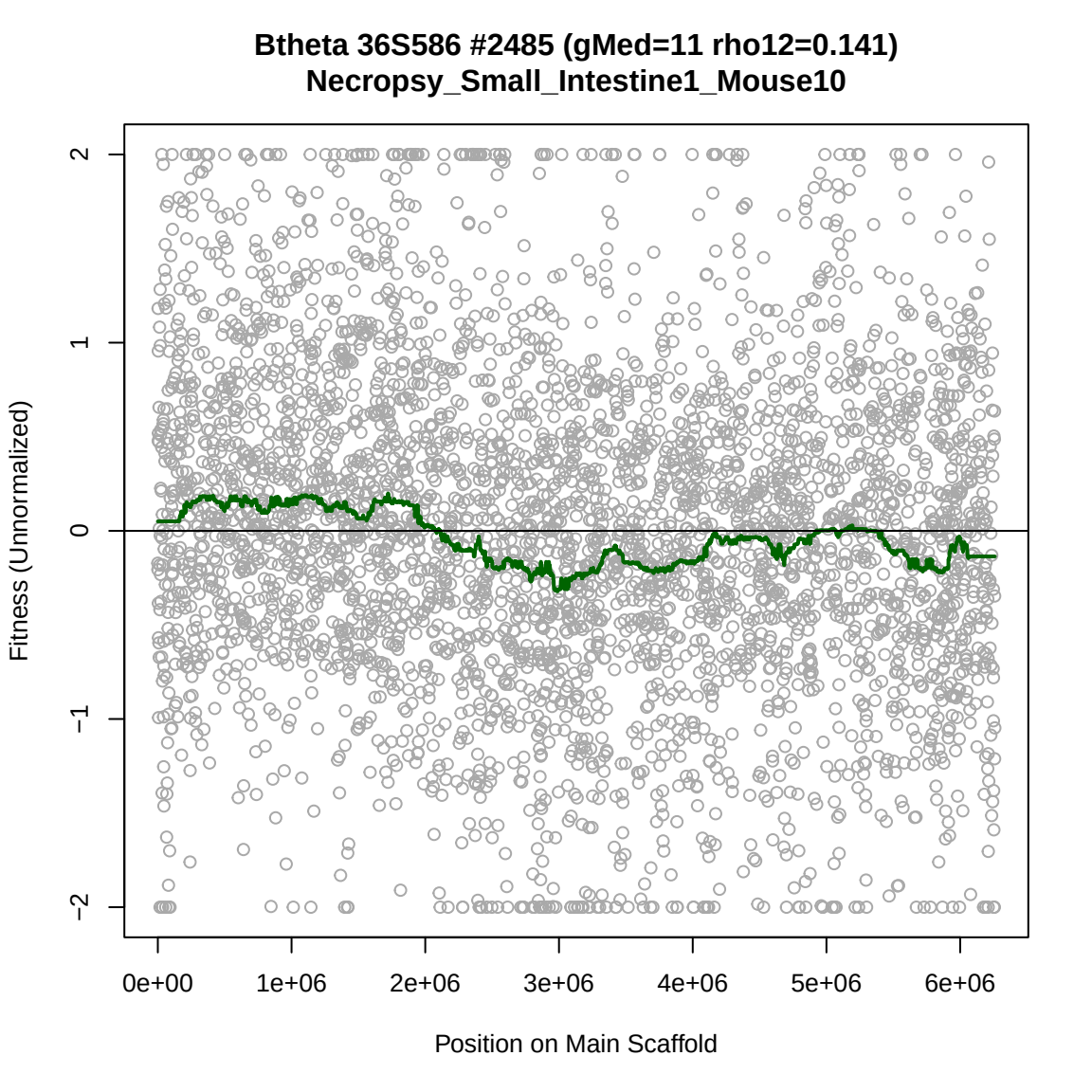

Btheta 36S565 #2479 (gMed=21 rho12=0.130)
Stool_Day14_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

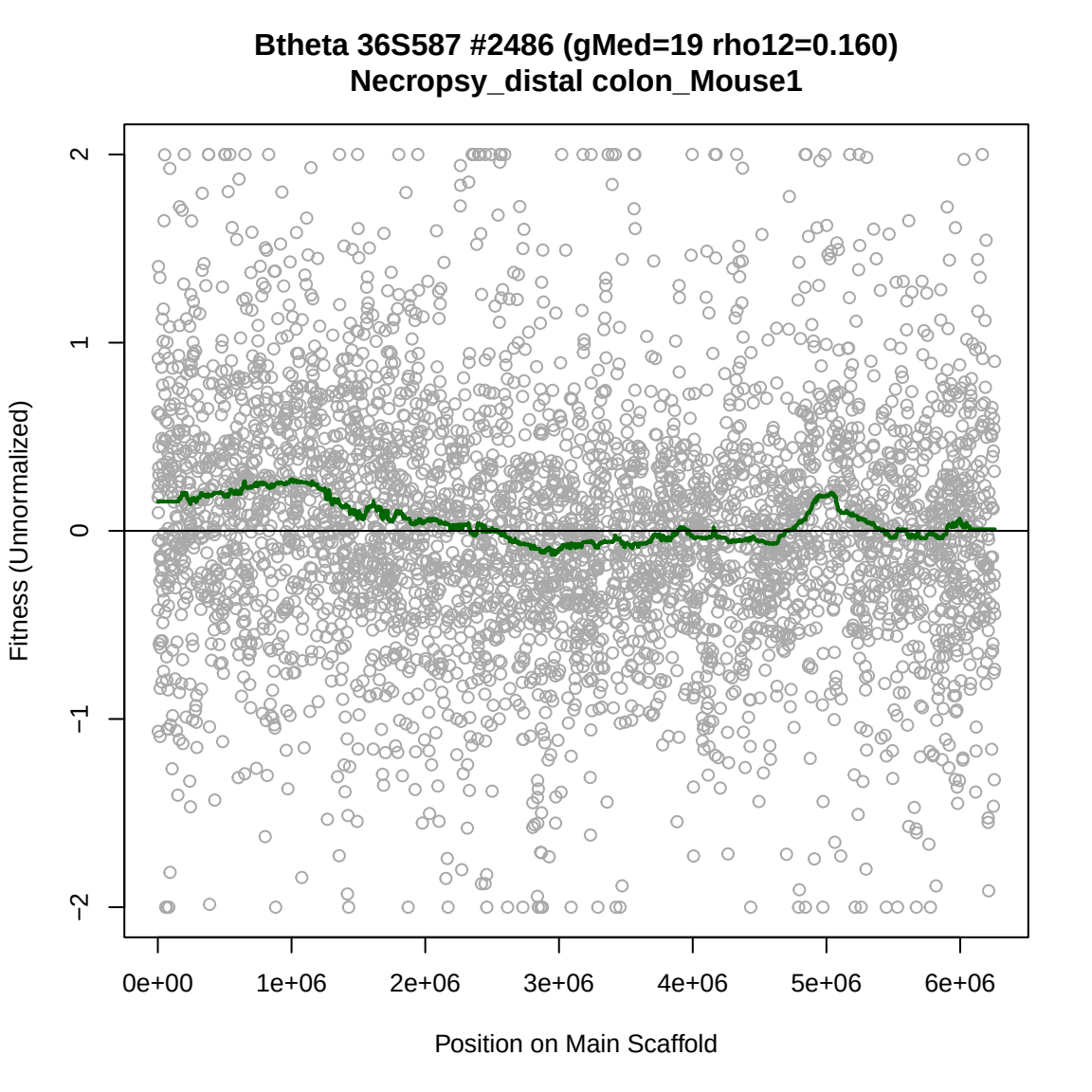

Btheta 36S567 #2480 (gMed=33 rho12=0.190)
Stool_Day14_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

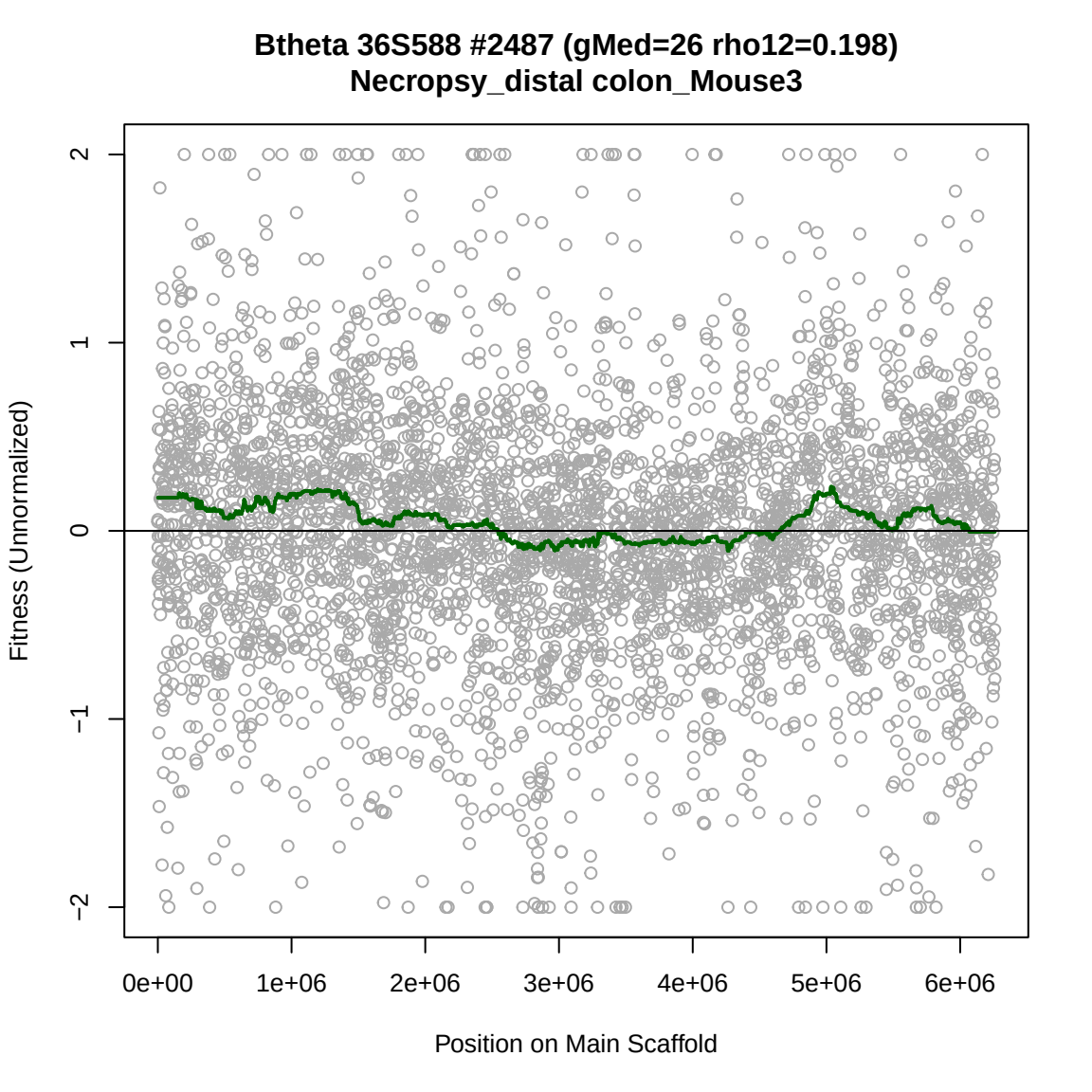

Btheta 36S568 #2481 (gMed=23 rho12=0.197)
Stool_Day14_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

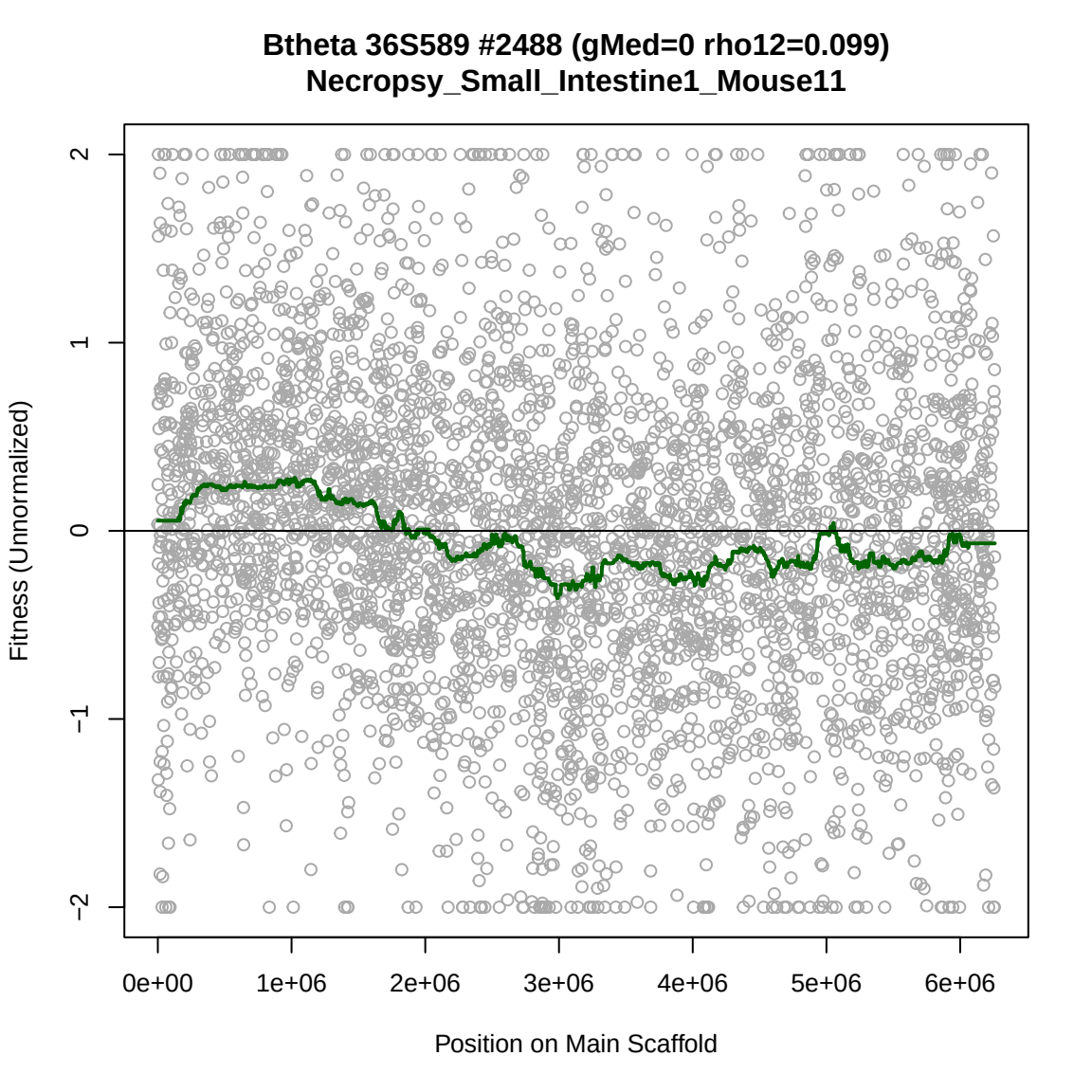

Btheta 36S570 #2482 (gMed=32 rho12=0.217)
Stool_Day14_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

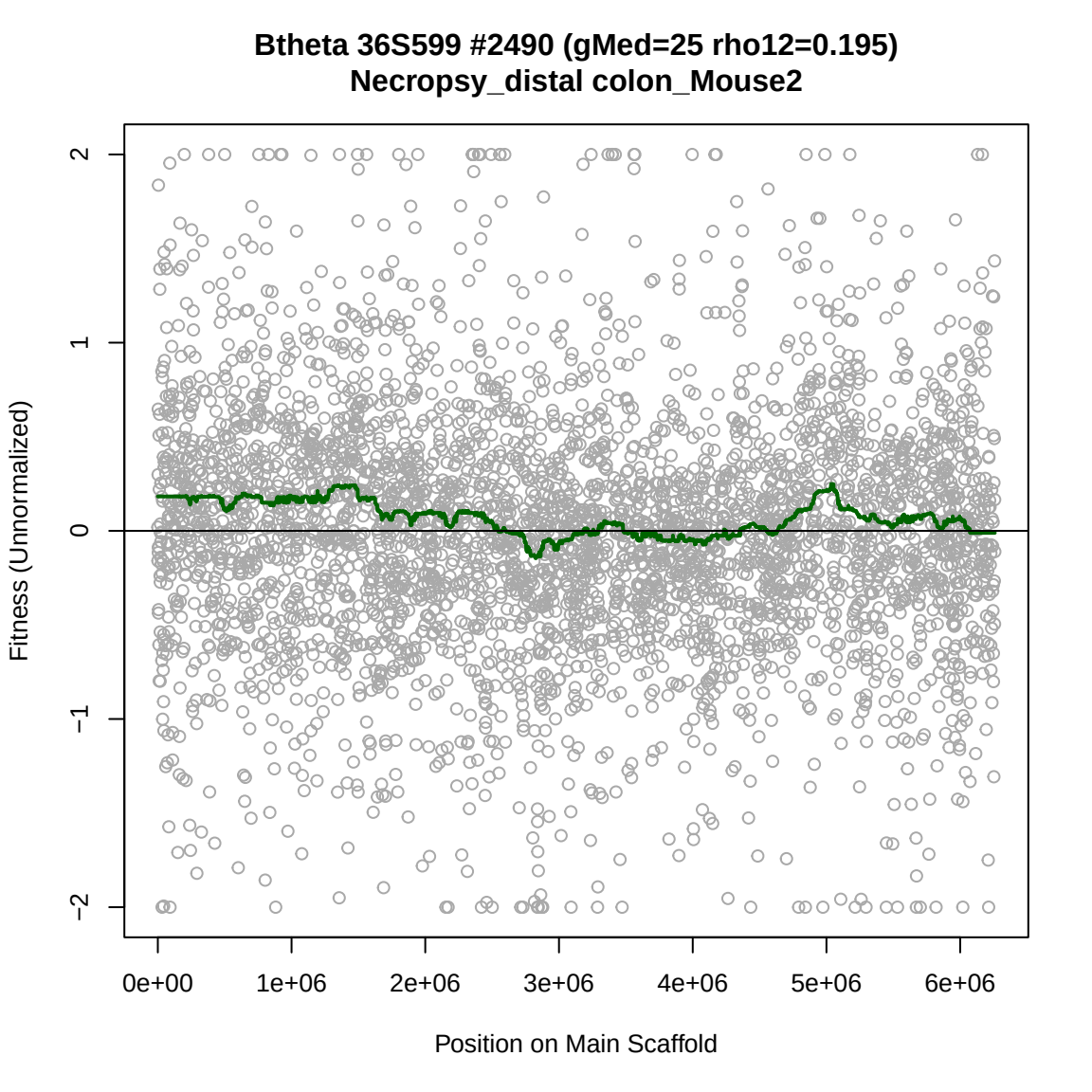

Btheta 36S573 #2483 (gMed=16 rho12=0.162)
Stool_Day14_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

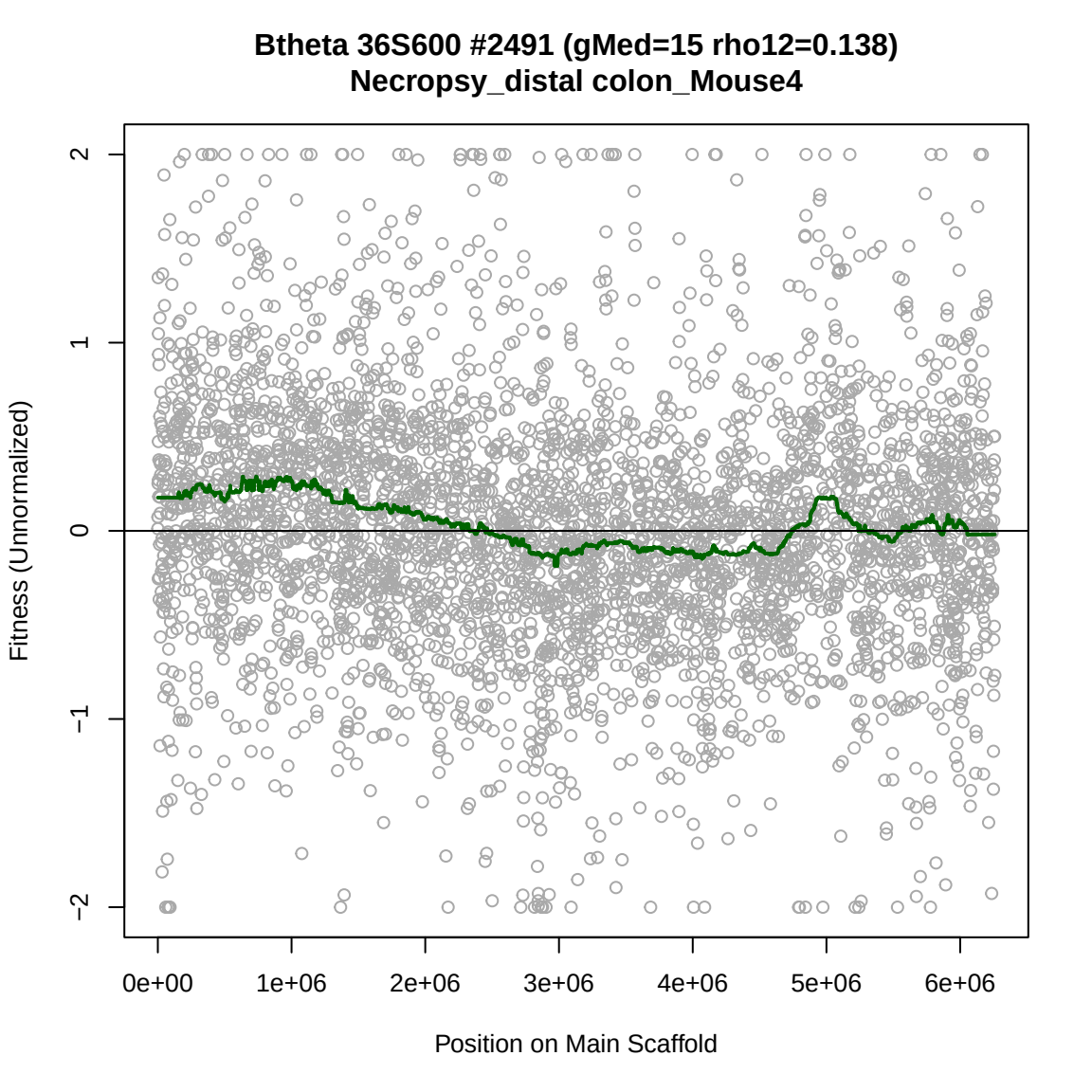

Btheta 36S586 #2485 (gMed=11 rho12=0.141)
Necropsy_Small_Intestine1_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

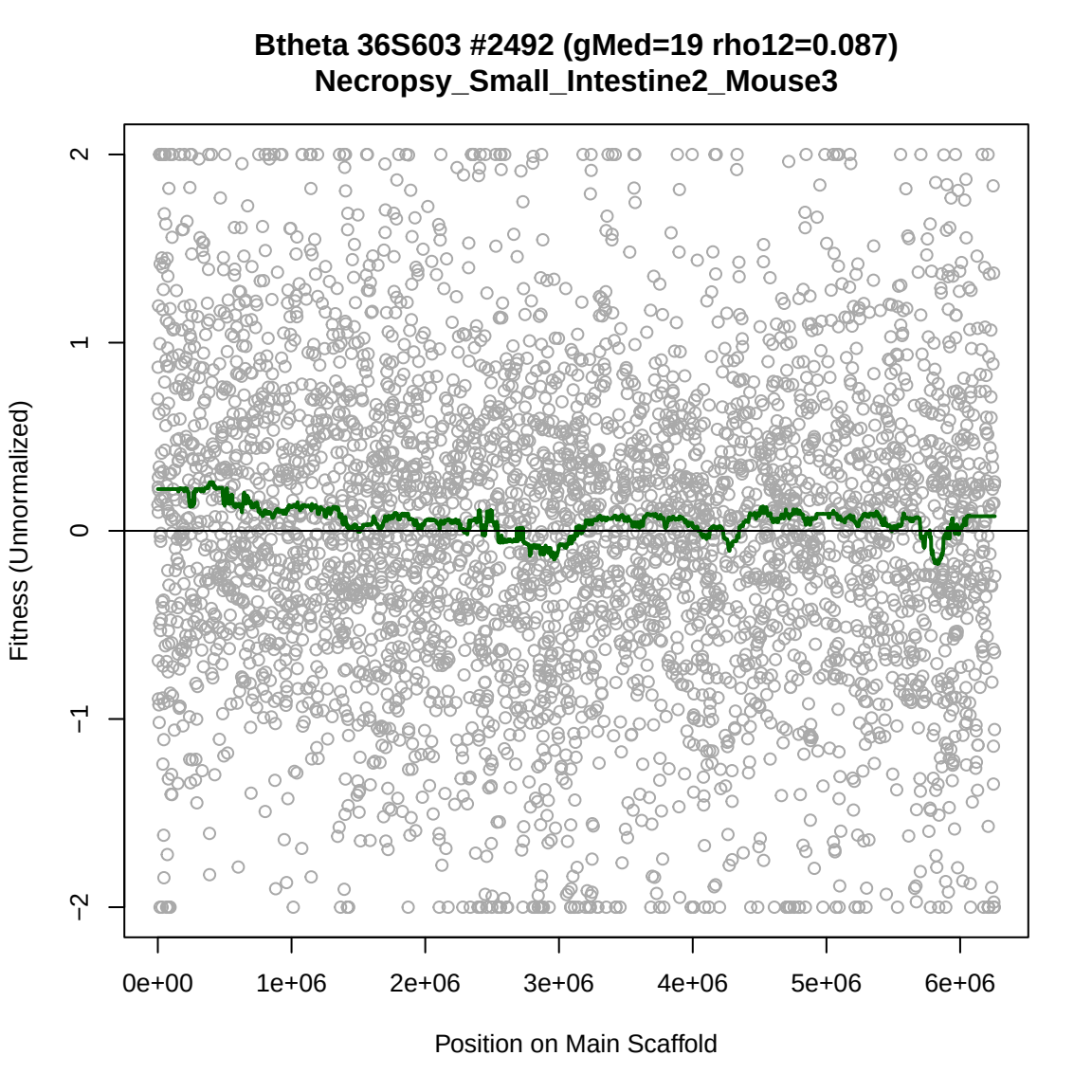

Btheta 36S587 #2486 (gMed=19 rho12=0.160)
Necropsy_distal colon_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

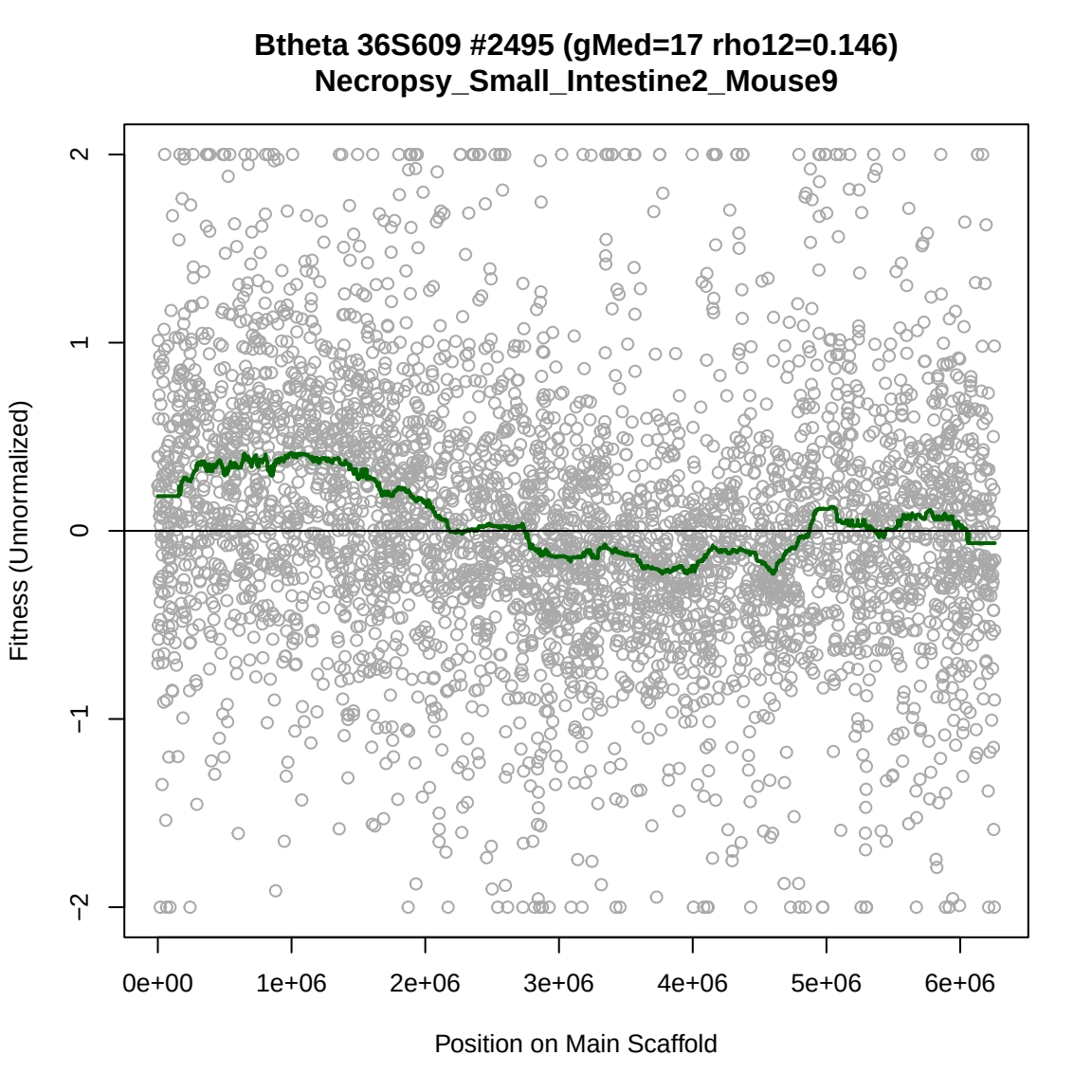

Btheta 36S588 #2487 (gMed=26 rho12=0.198)
Necropsy_distal colon_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

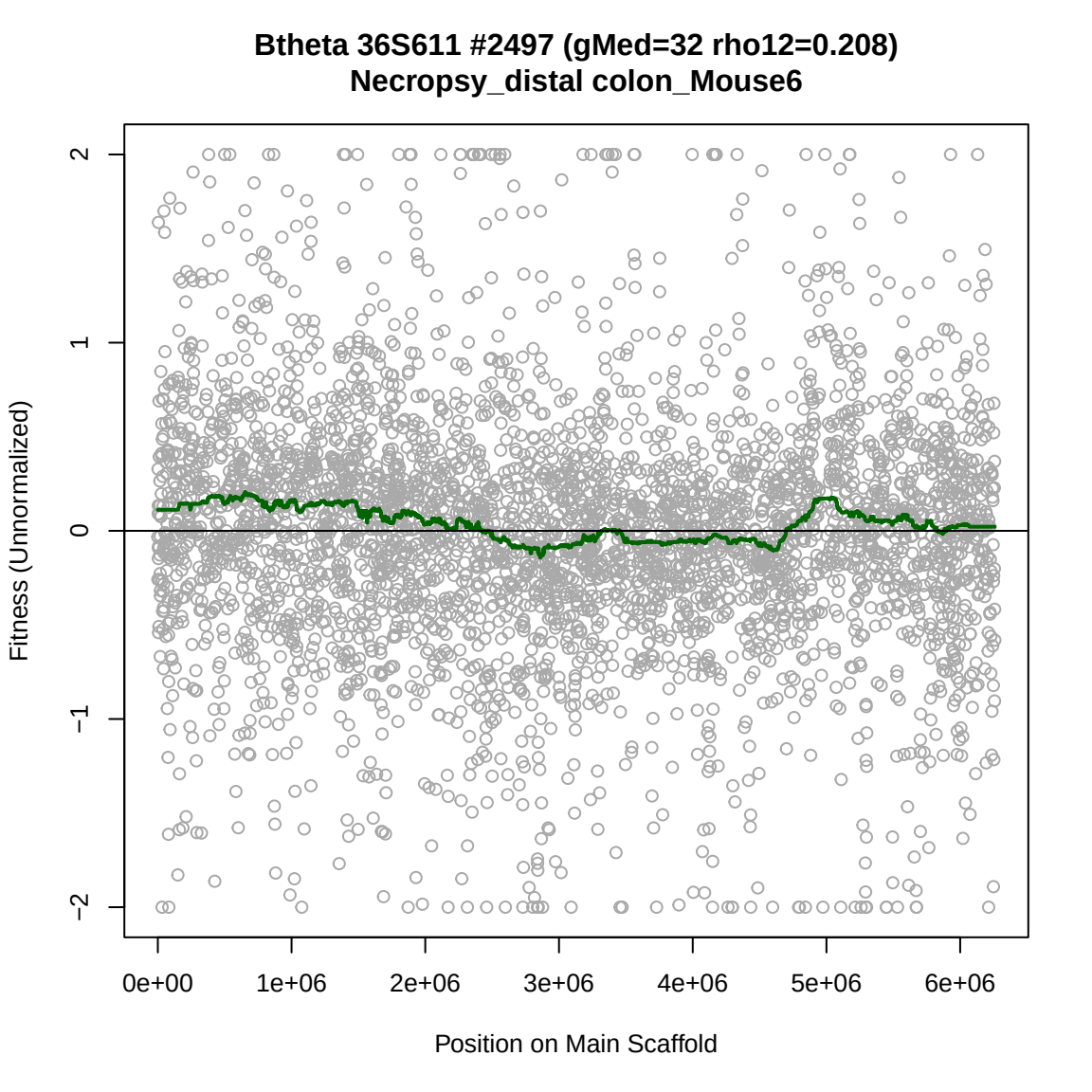

Btheta 36S589 #2488 (gMed=0 rho12=0.099)
Necropsy_Small_Intestine1_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

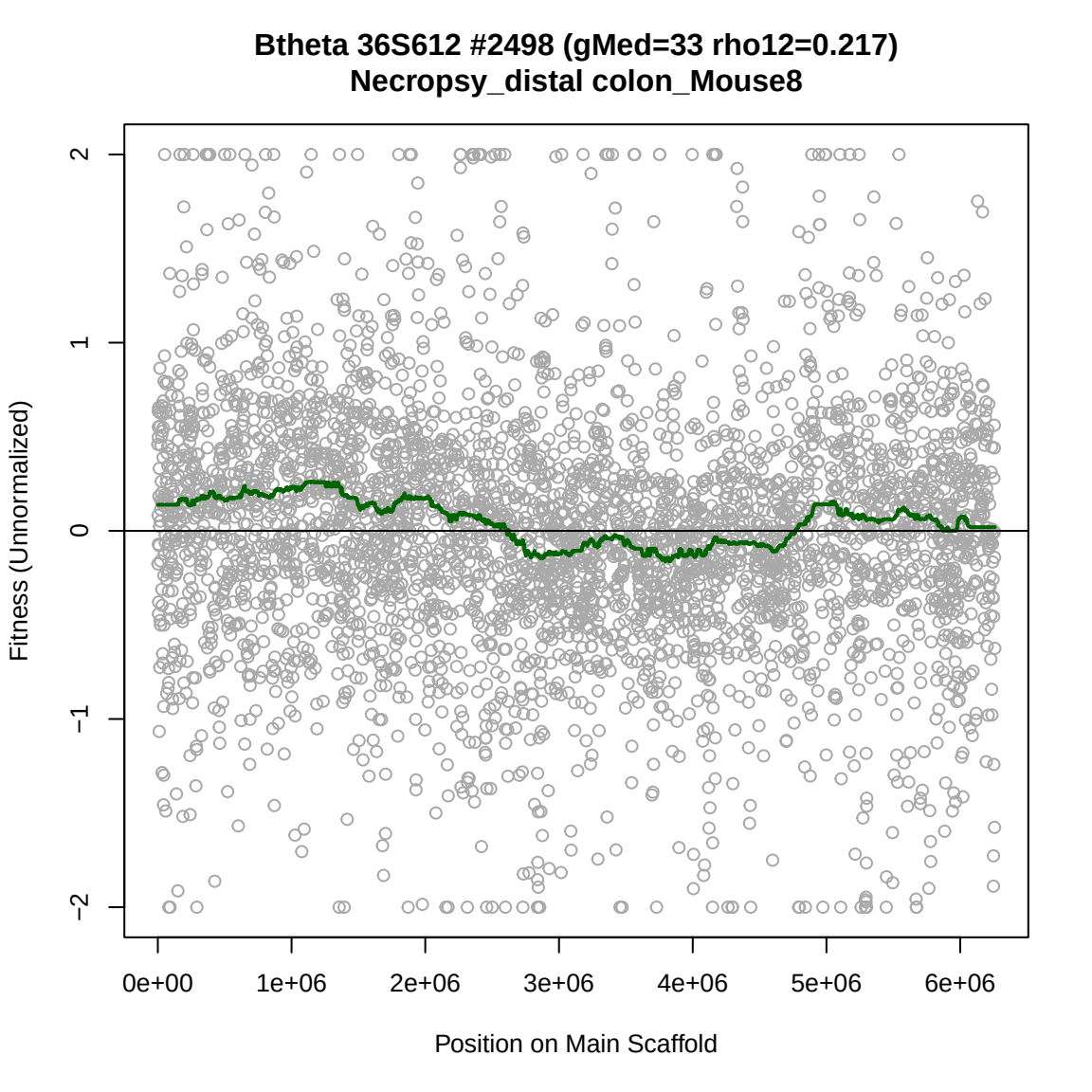

Btheta 36S599 #2490 (gMed=25 rho12=0.195)
Necropsy_distal colon_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

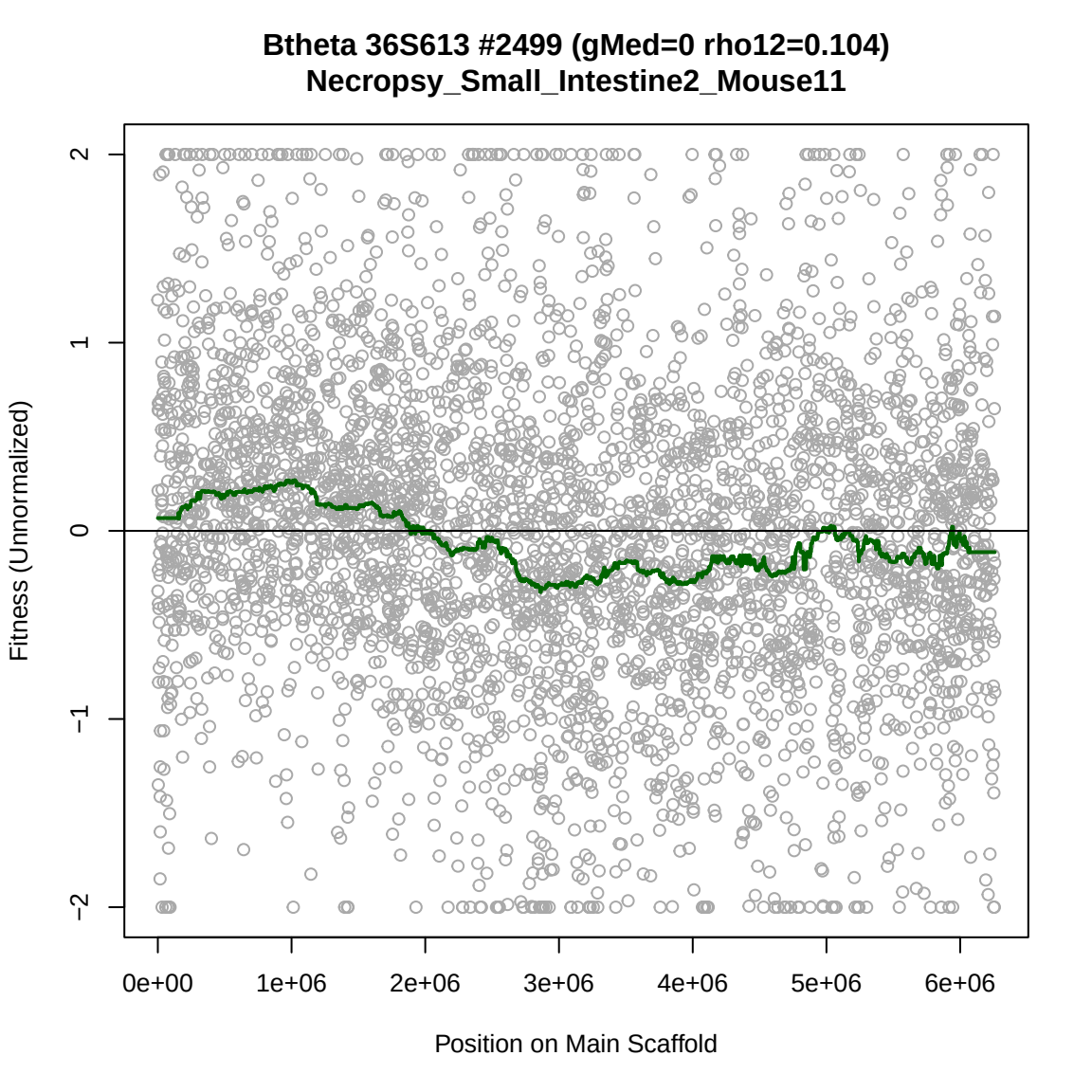

Btheta 36S600 #2491 (gMed=15 rho12=0.138)
Necropsy_distal colon_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

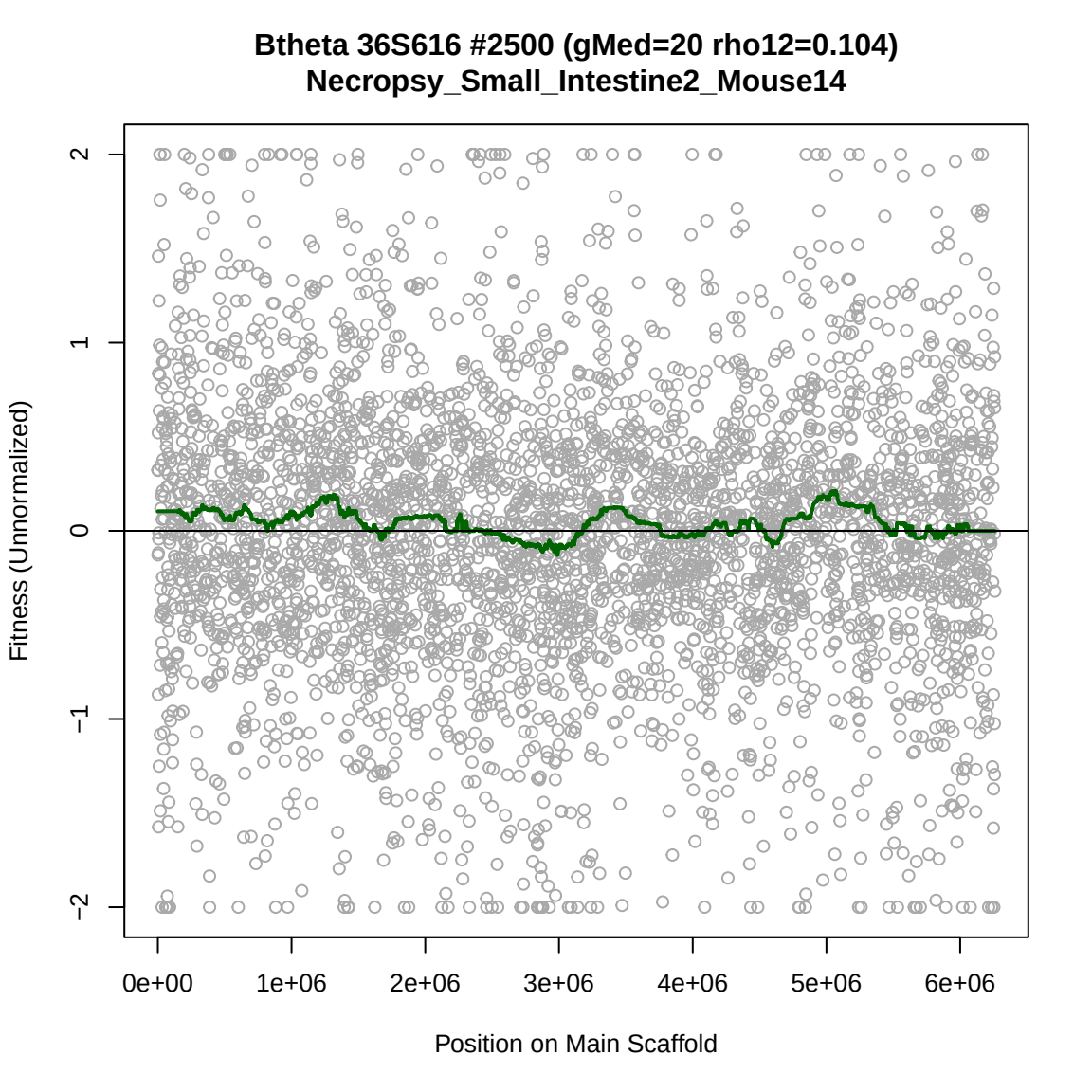

Btheta 36S603 #2492 (gMed=19 rho12=0.087)
Necropsy_Small_Intestine2_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

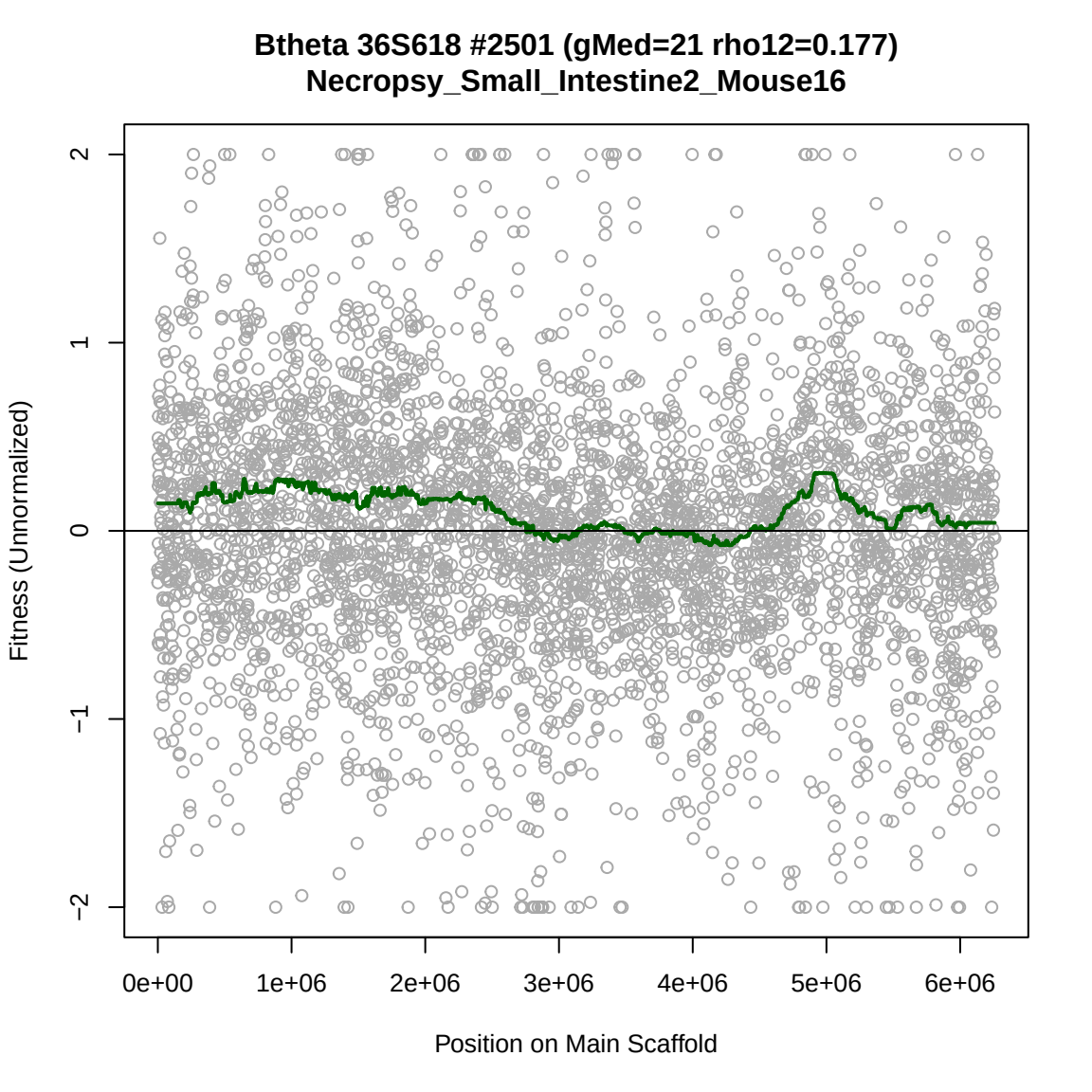

Btheta 36S609 #2495 (gMed=17 rho12=0.146)
Necropsy_Small_Intestine2_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

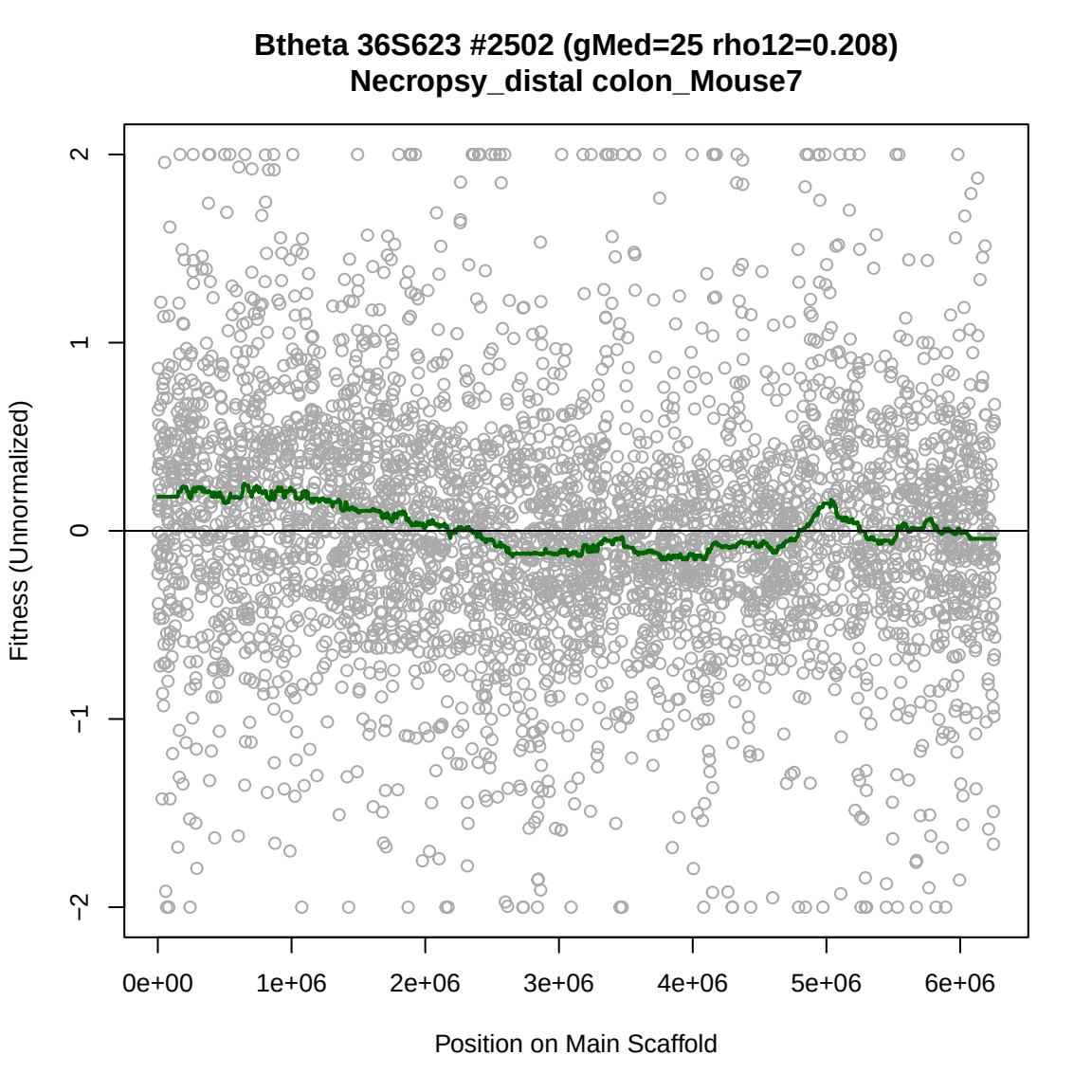

Btheta 36S611 #2497 (gMed=32 rho12=0.208)
Necropsy_distal colon_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

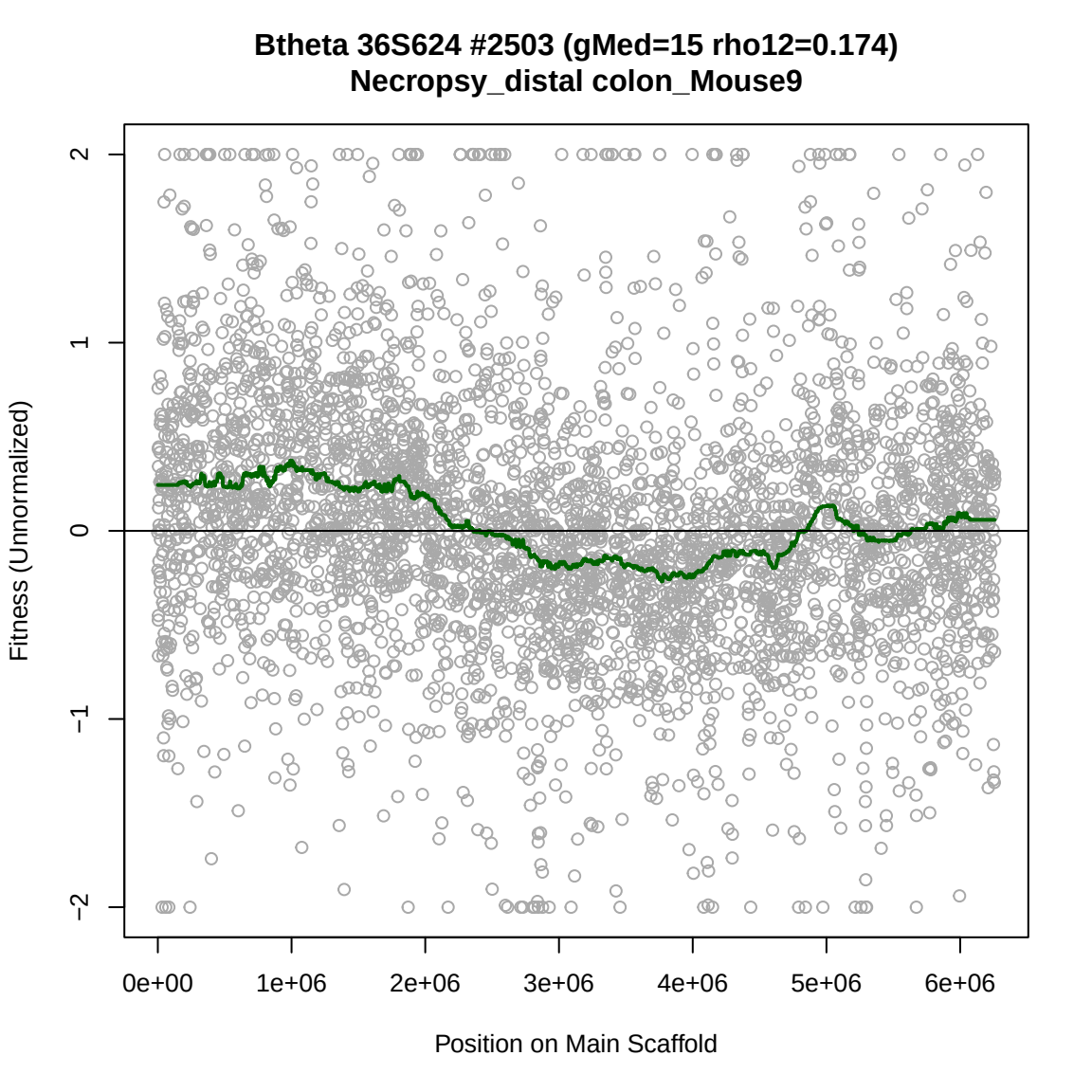

Btheta 36S612 #2498 (gMed=33 rho12=0.217)
Necropsy_distal colon_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

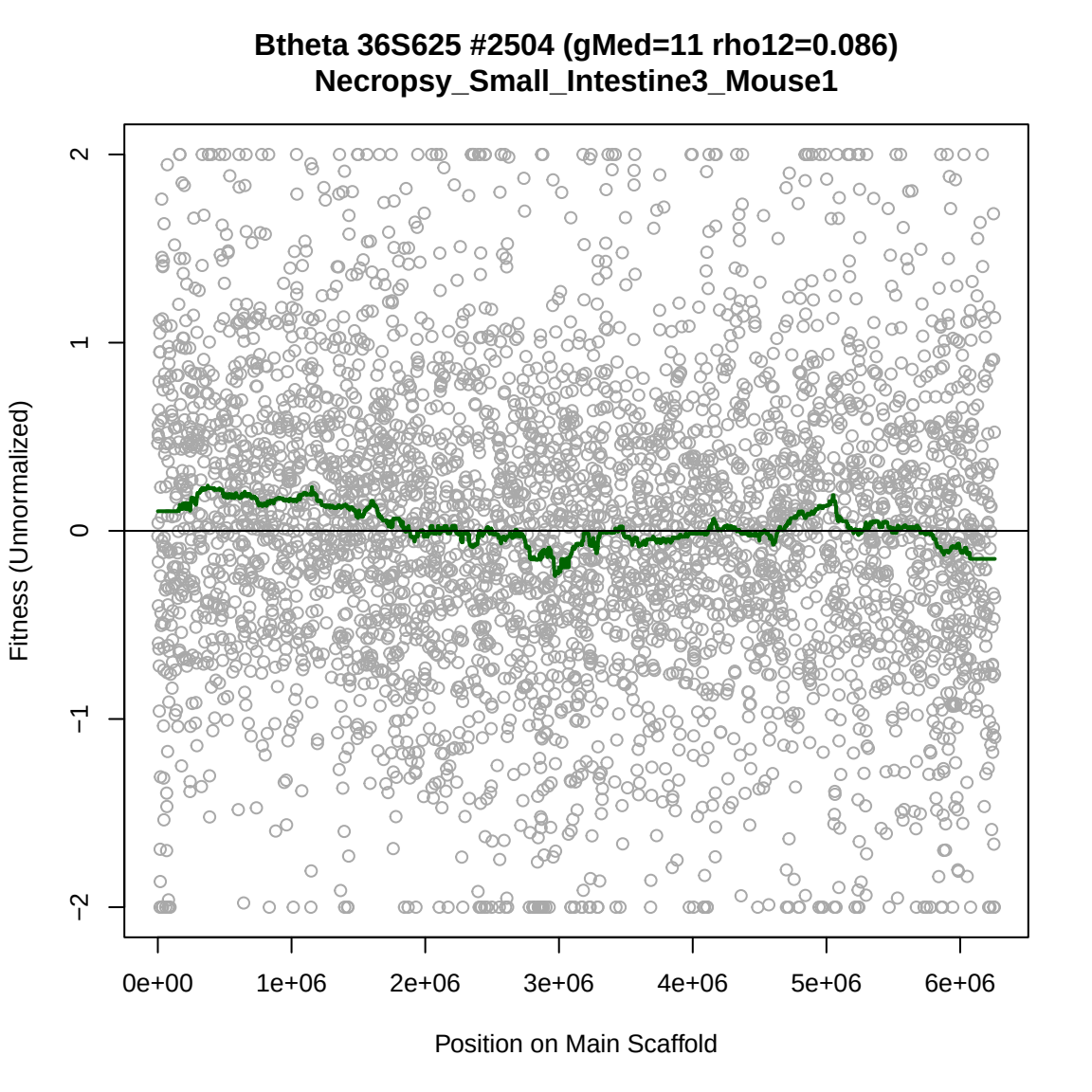

Btheta 36S613 #2499 (gMed=0 rho12=0.104)
Necropsy_Small_Intestine2_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

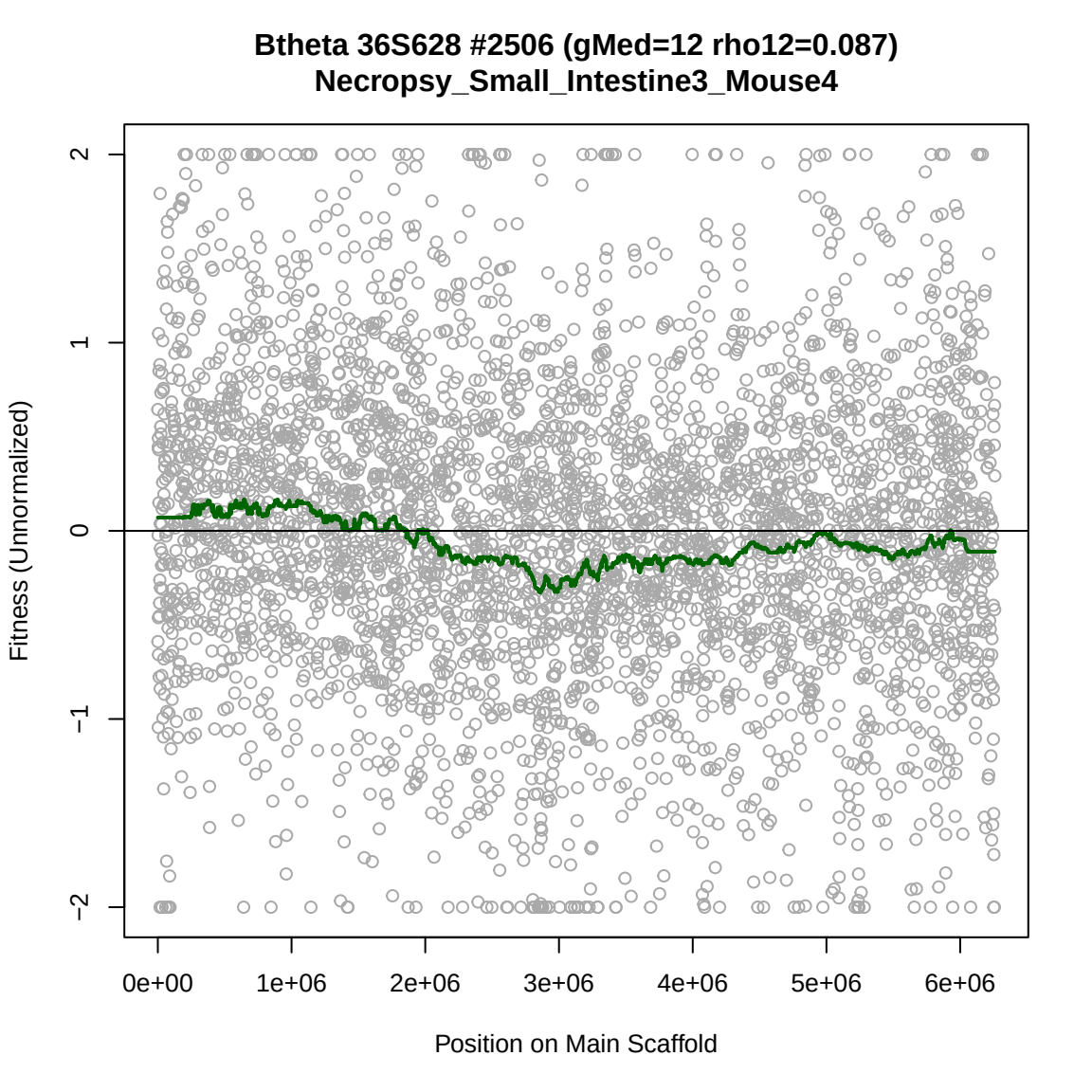

Btheta 36S616 #2500 (gMed=20 rho12=0.104)
Necropsy_Small_Intestine2_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

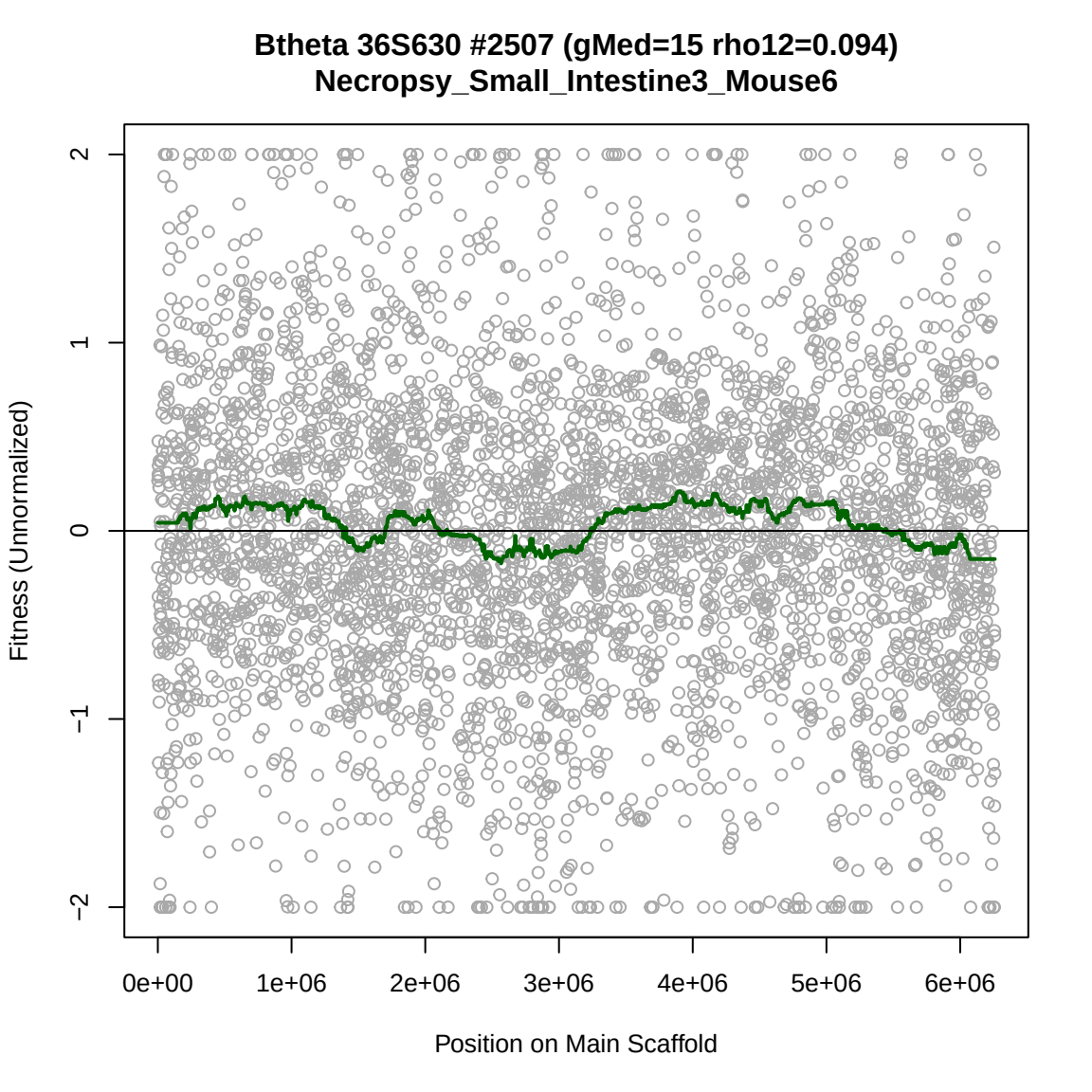

Btheta 36S618 #2501 (gMed=21 rho12=0.177)
Necropsy_Small_Intestine2_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

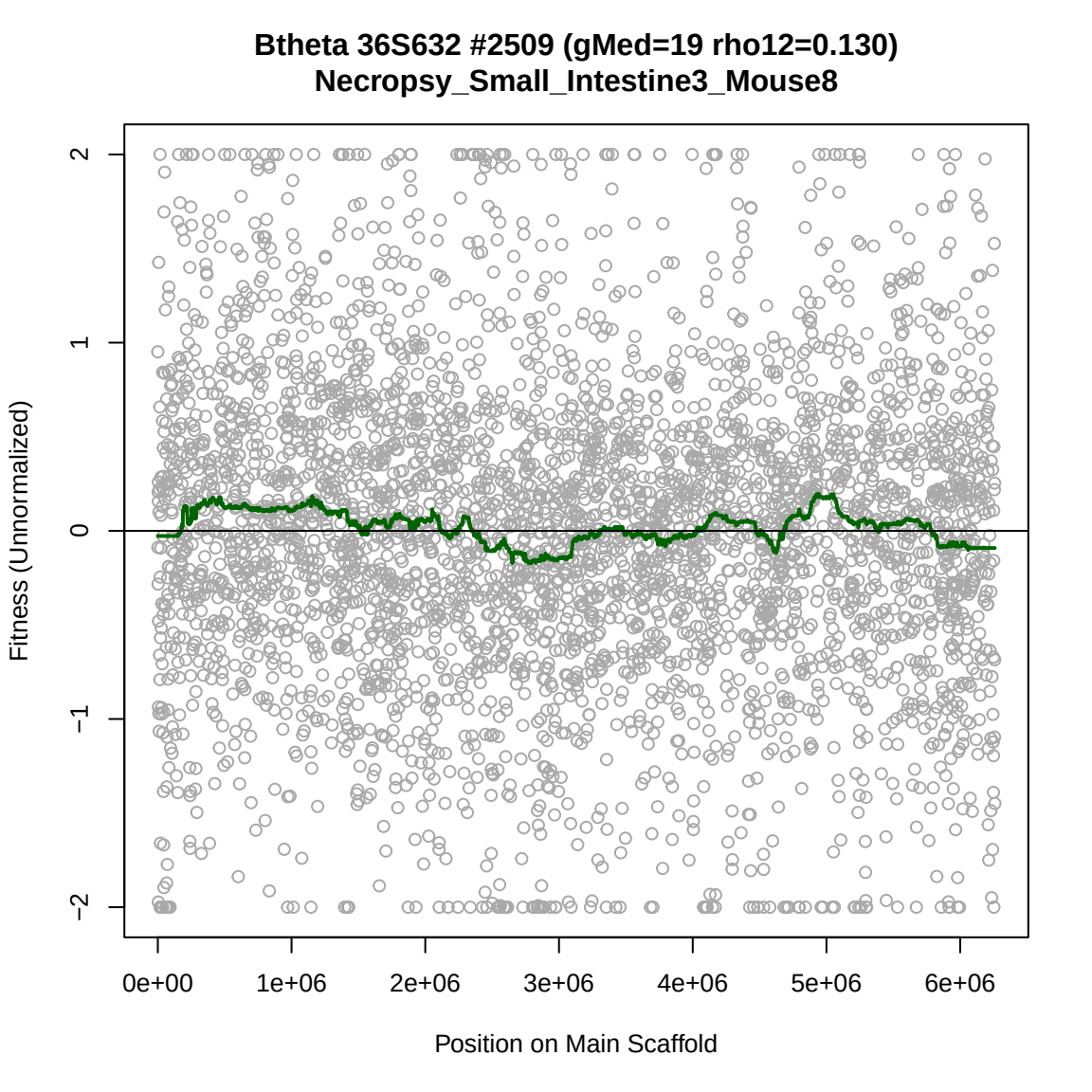

Btheta 36S623 #2502 (gMed=25 rho12=0.208)
Necropsy_distal colon_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

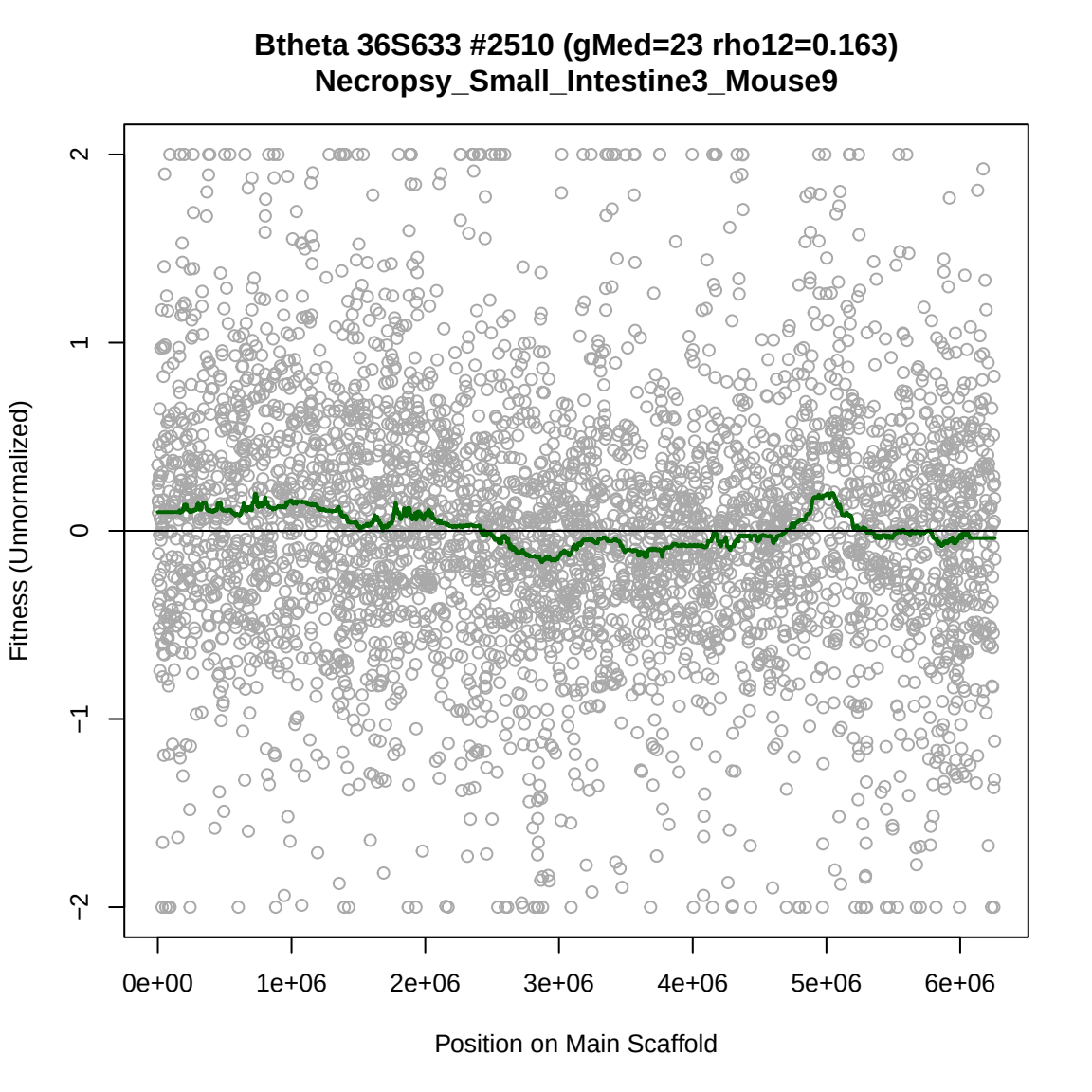

Btheta 36S624 #2503 (gMed=15 rho12=0.174)
Necropsy_distal colon_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

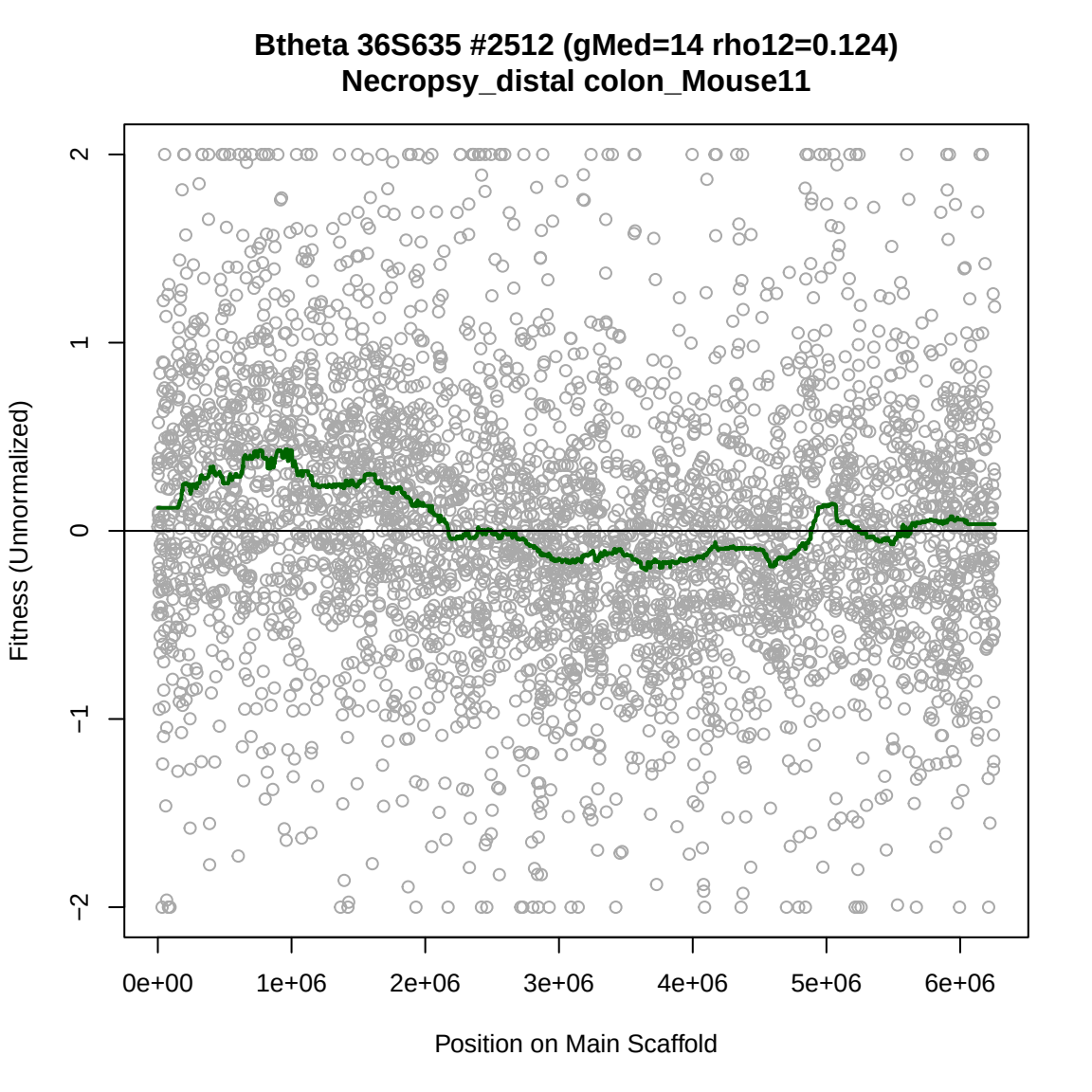

Btheta 36S625 #2504 (gMed=11 rho12=0.086)
Necropsy_Small_Intestine3_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

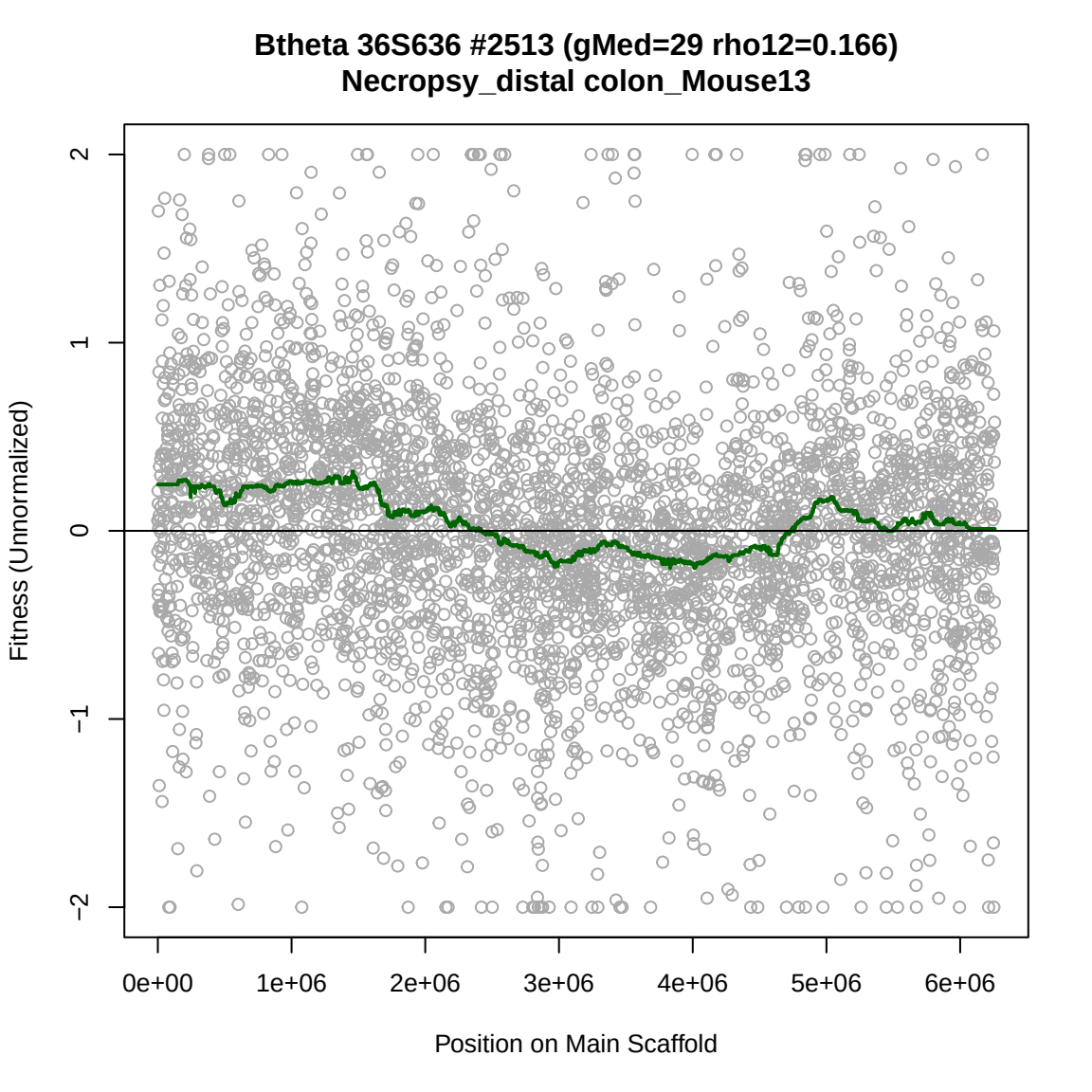

Btheta 36S628 #2506 (gMed=12 rho12=0.087)
Necropsy_Small_Intestine3_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

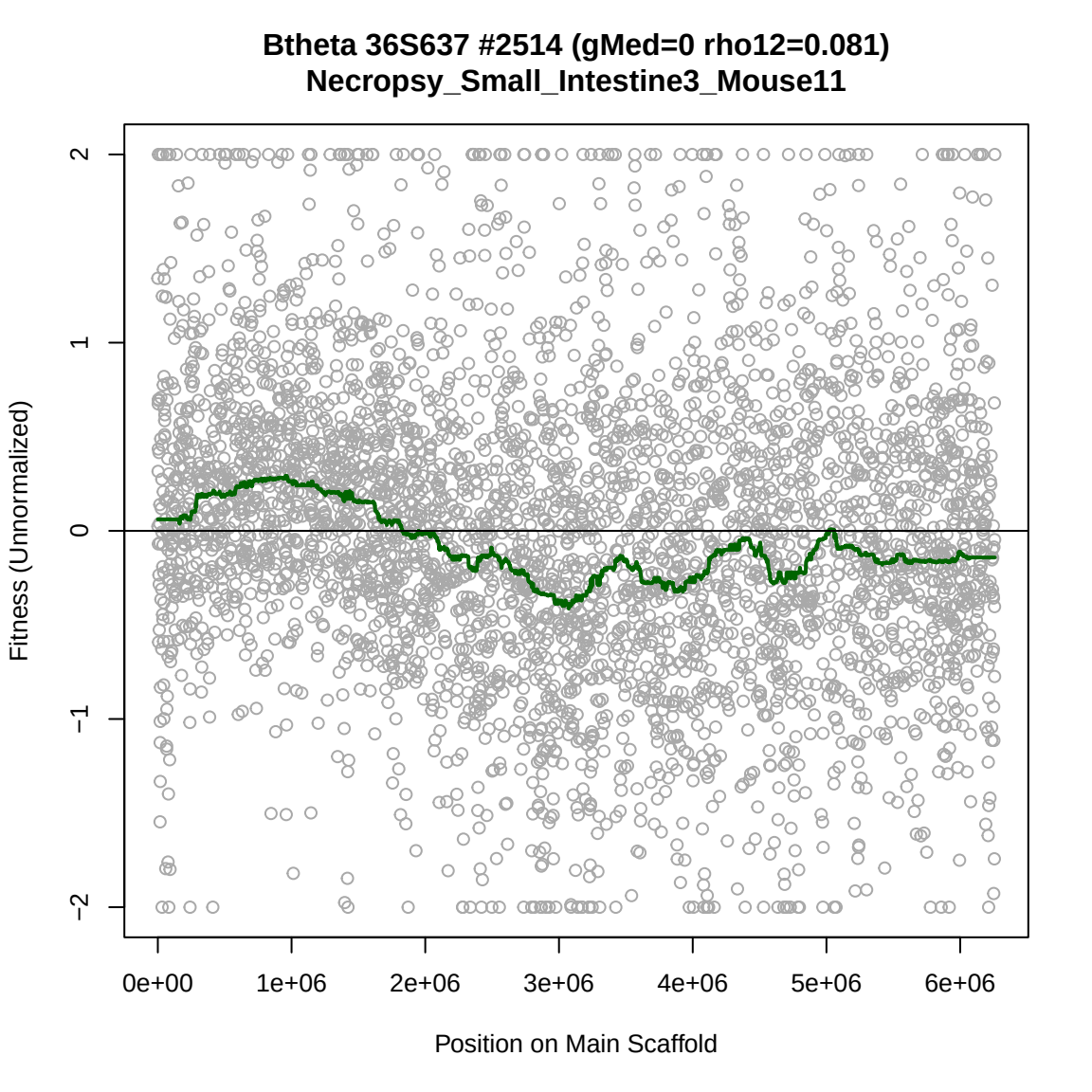

Btheta 36S630 #2507 (gMed=15 rho12=0.094)
Necropsy_Small_Intestine3_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

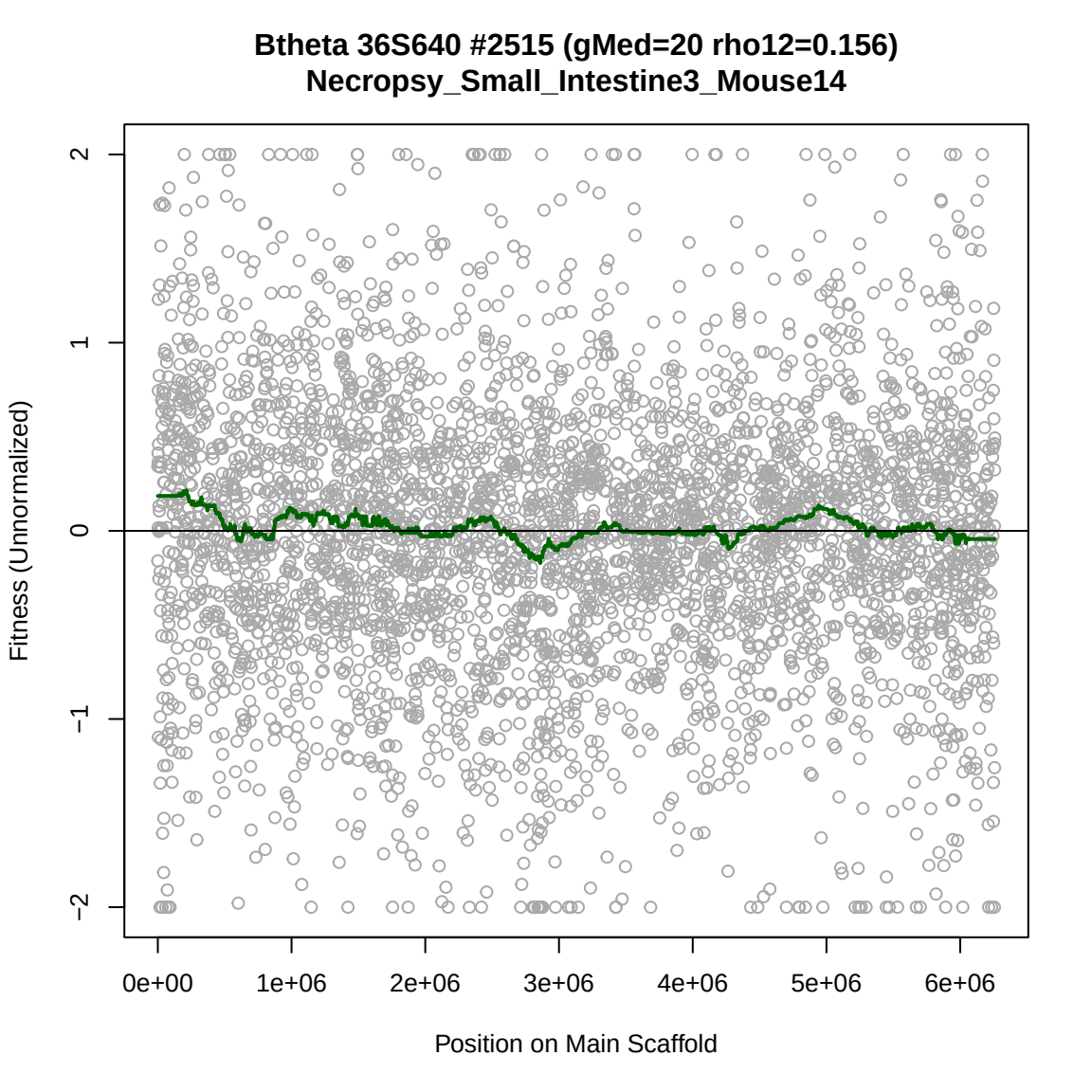

Btheta 36S632 #2509 (gMed=19 rho12=0.130)
Necropsy_Small_Intestine3_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

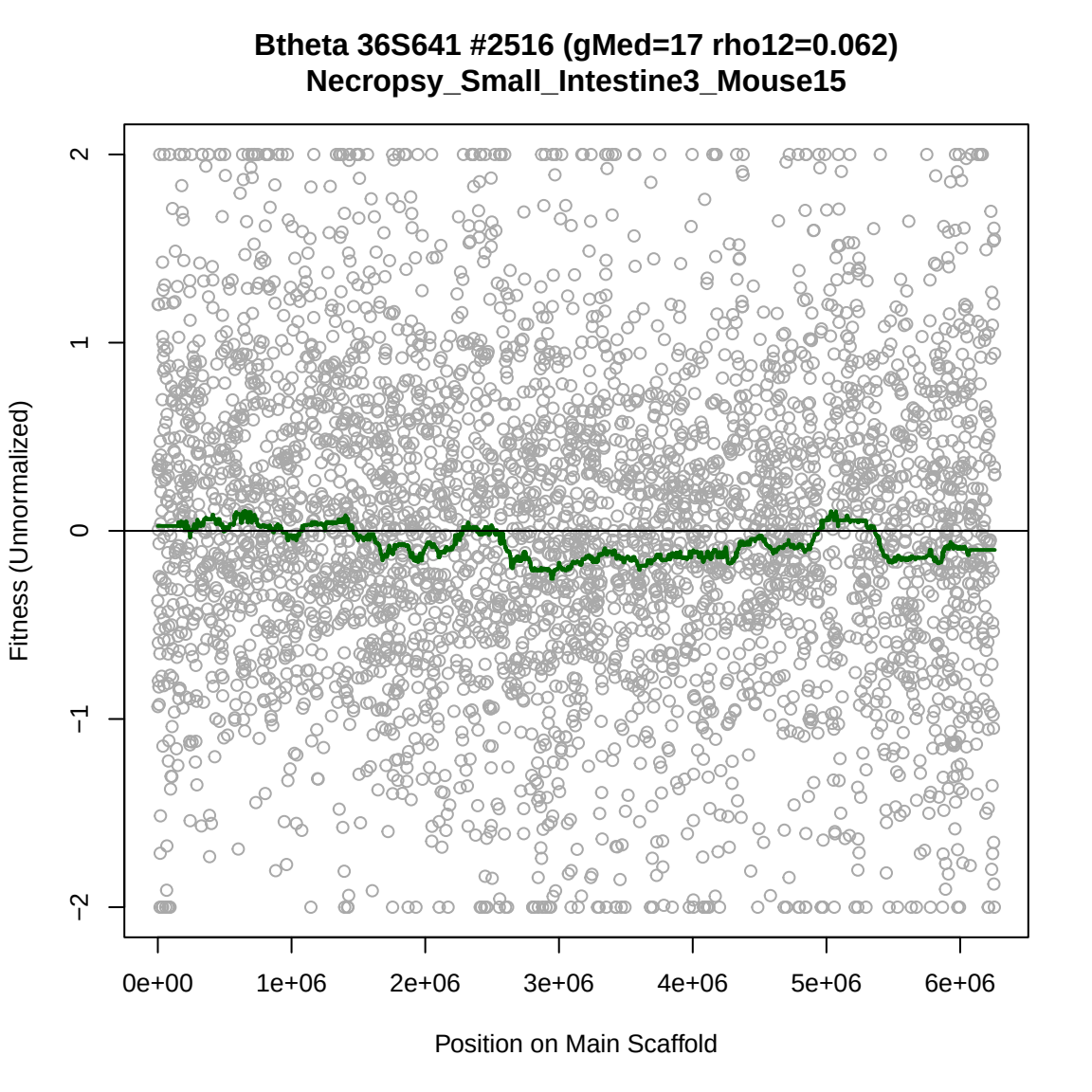

Btheta 36S633 #2510 (gMed=23 rho12=0.163)
Necropsy_Small_Intestine3_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

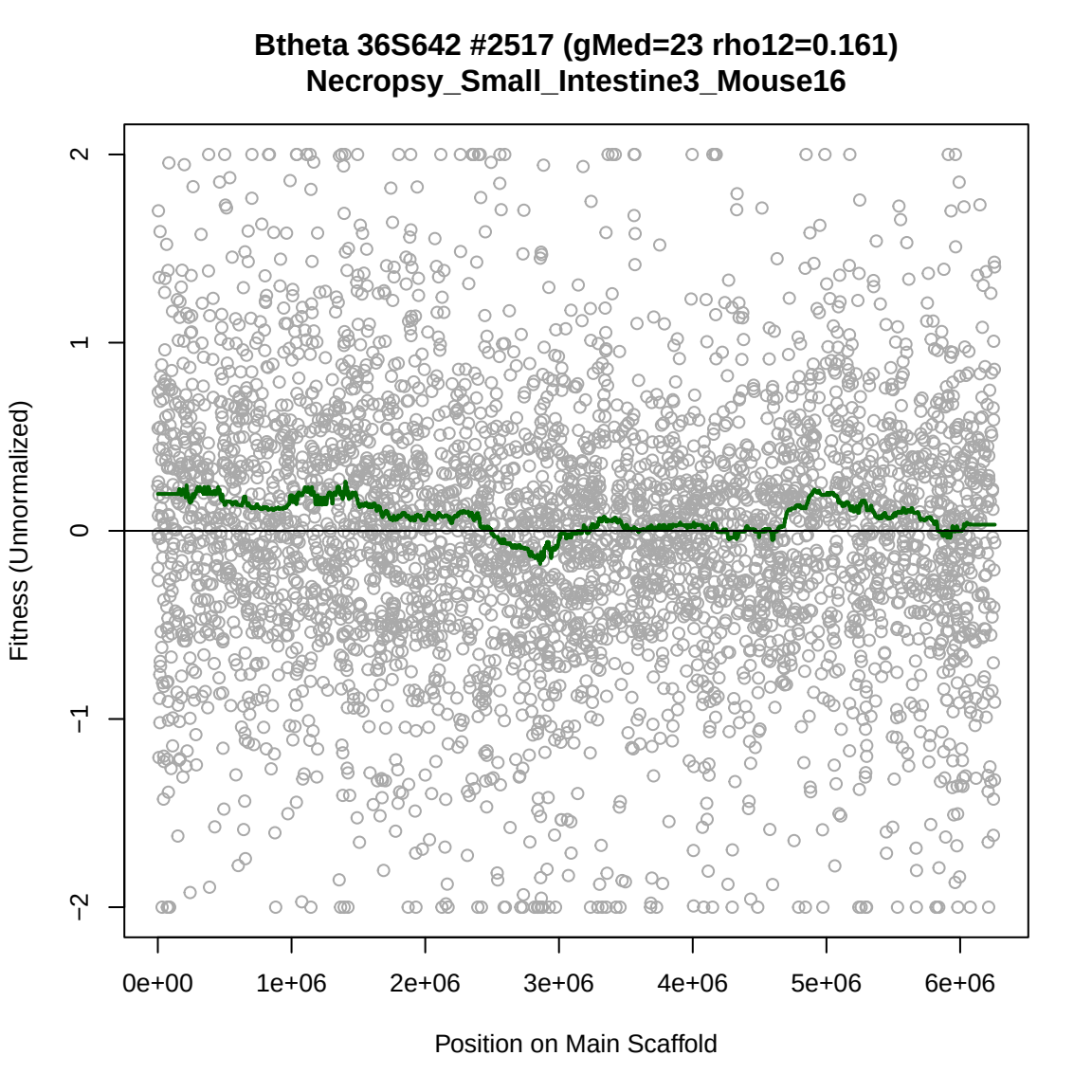

Btheta 36S635 #2512 (gMed=14 rho12=0.124)
Necropsy_distal colon_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

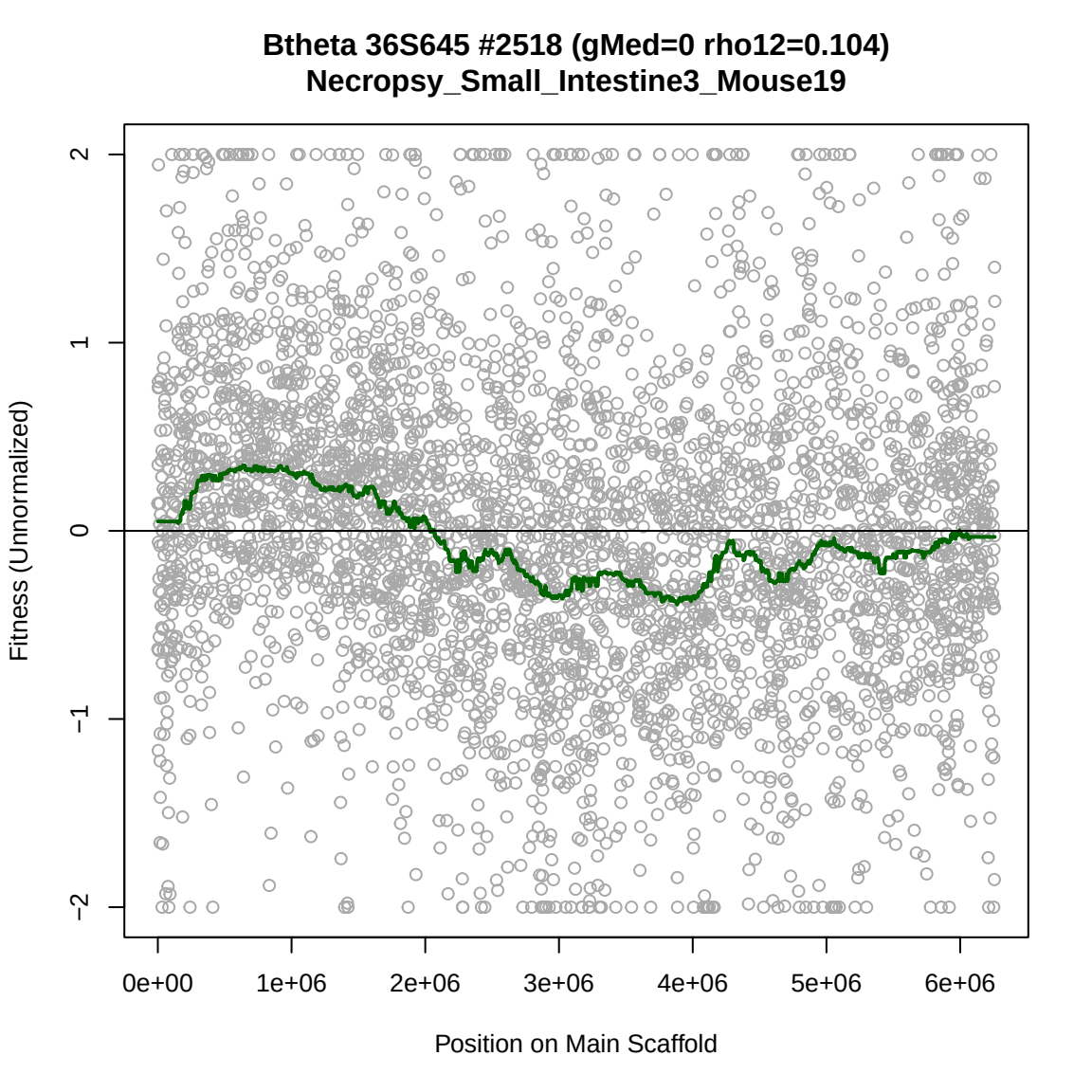

Btheta 36S636 #2513 (gMed=29 rho12=0.166)
Necropsy_distal colon_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

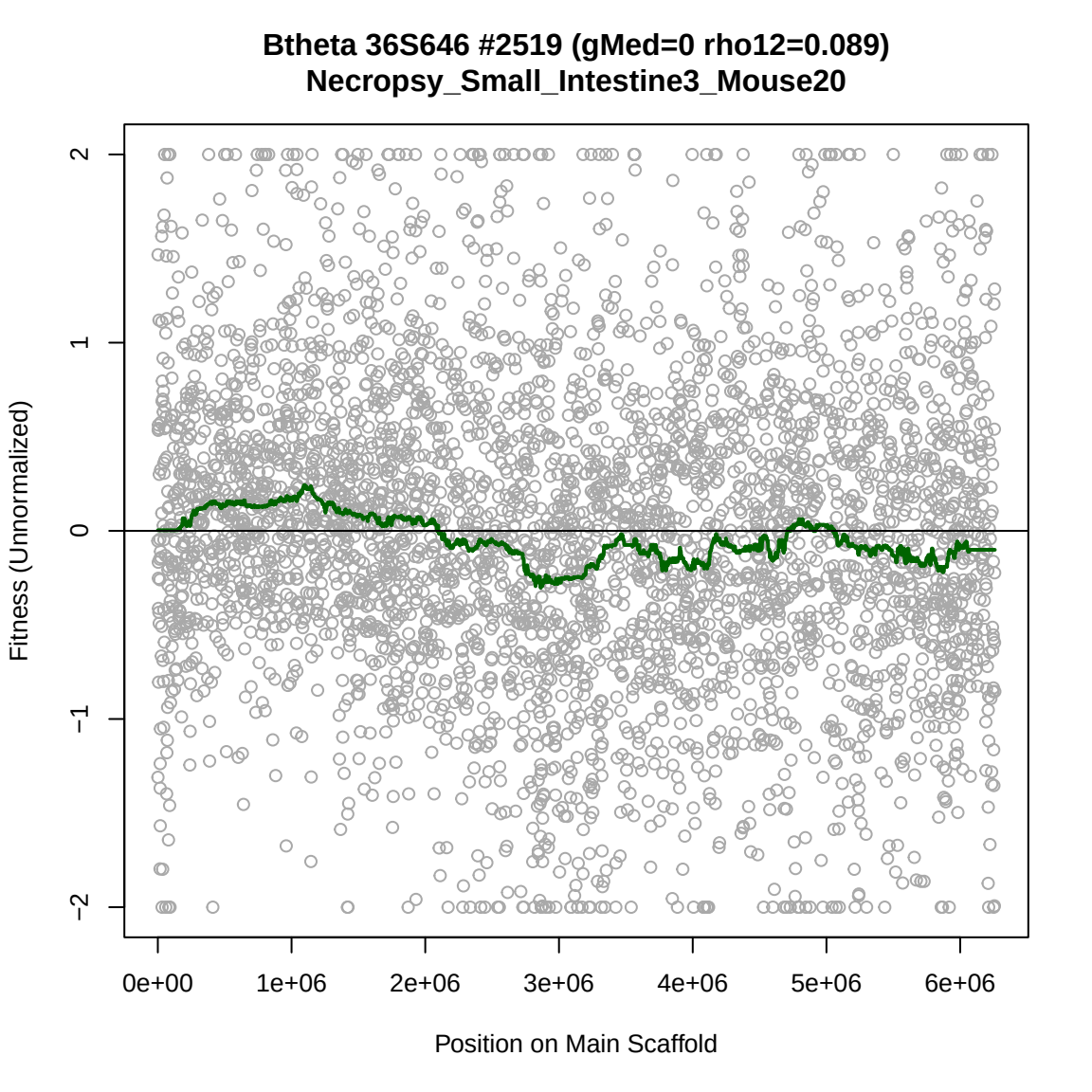

Btheta 36S637 #2514 (gMed=0 rho12=0.081)
Necropsy_Small_Intestine3_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

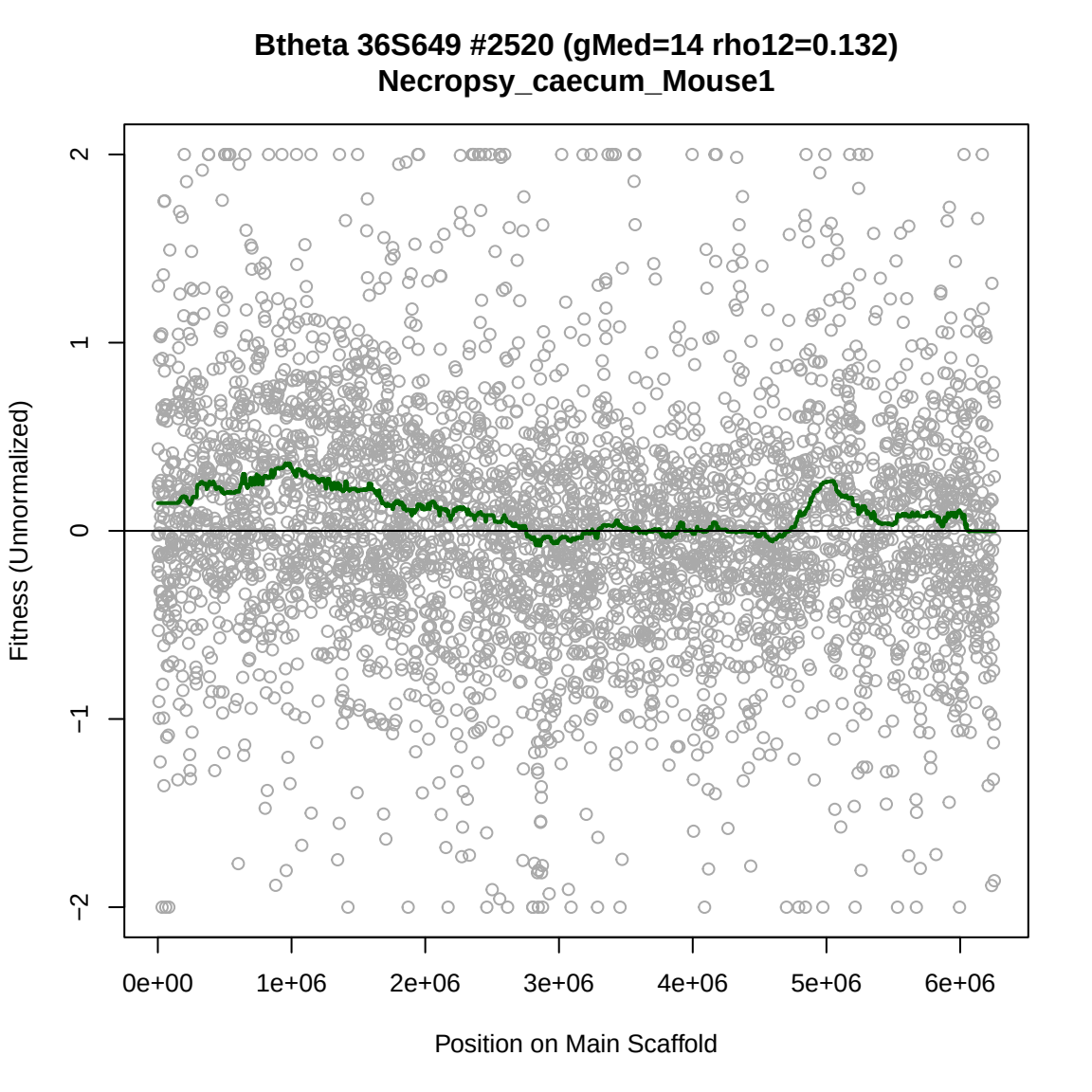

Btheta 36S640 #2515 (gMed=20 rho12=0.156)
Necropsy_Small_Intestine3_Mouse14
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

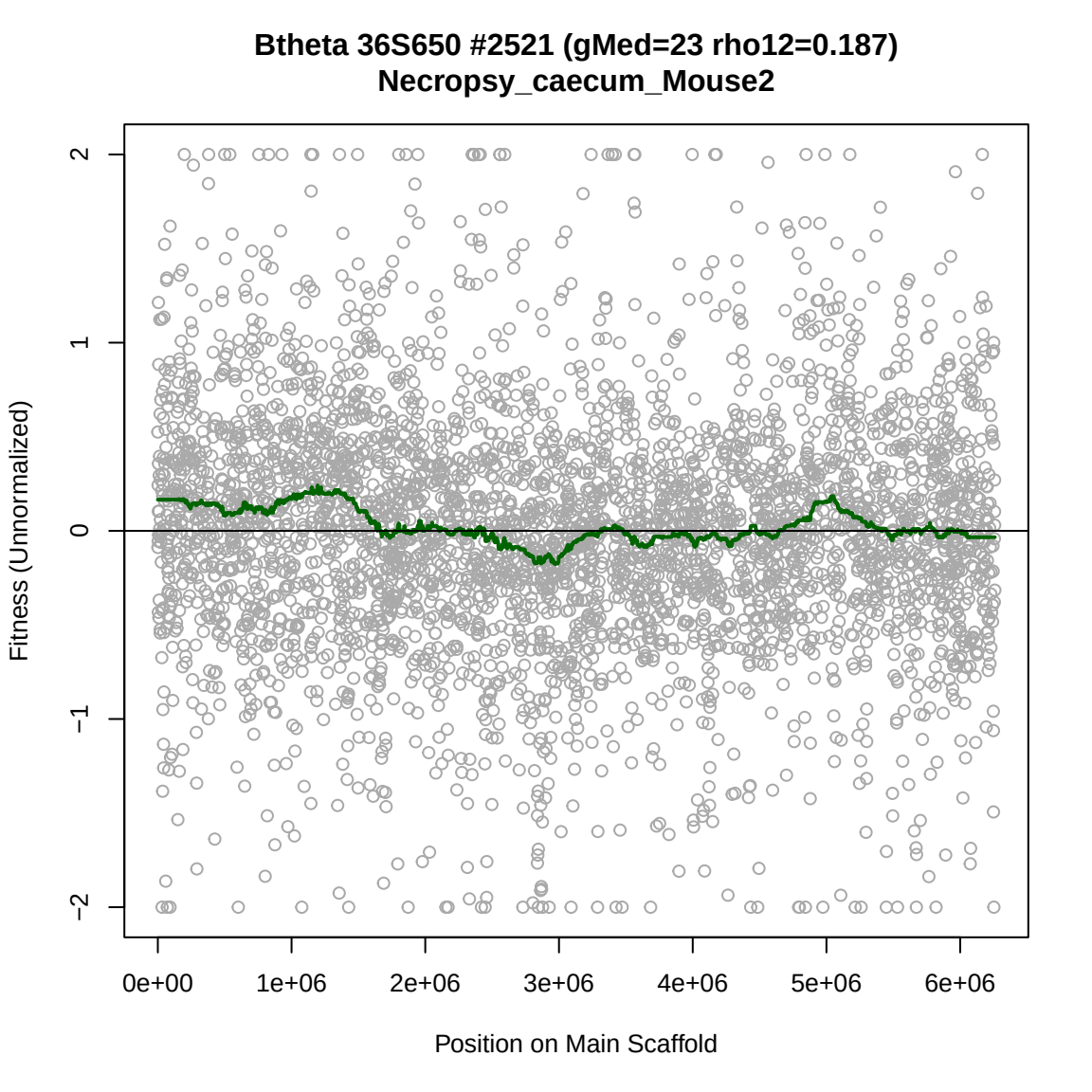

Btheta 36S641 #2516 (gMed=17 rho12=0.062)
Necropsy_Small_Intestine3_Mouse15
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

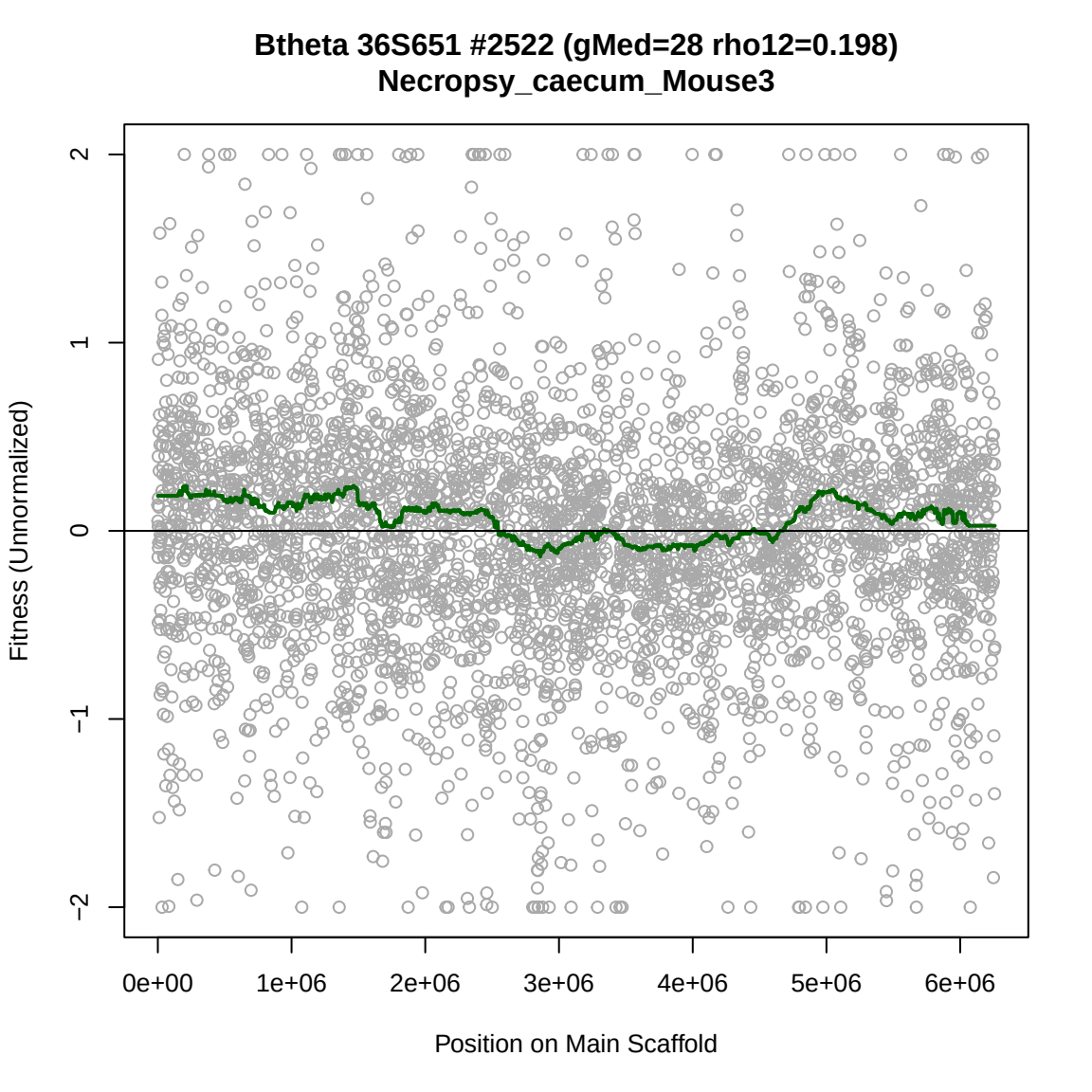

Btheta 36S642 #2517 (gMed=23 rho12=0.161)
Necropsy_Small_Intestine3_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

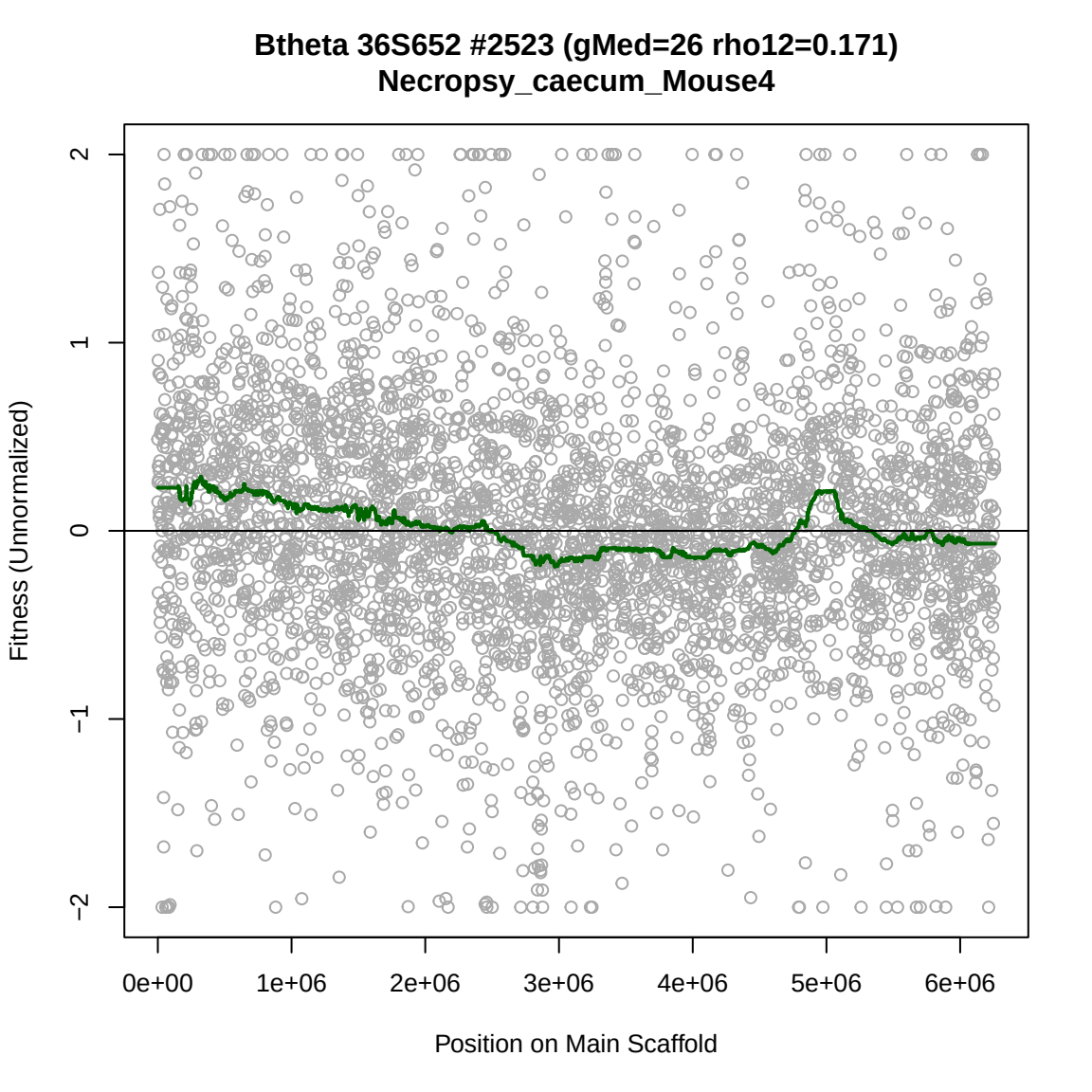

Btheta 36S645 #2518 (gMed=0 rho12=0.104)
Necropsy_Small_Intestine3_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

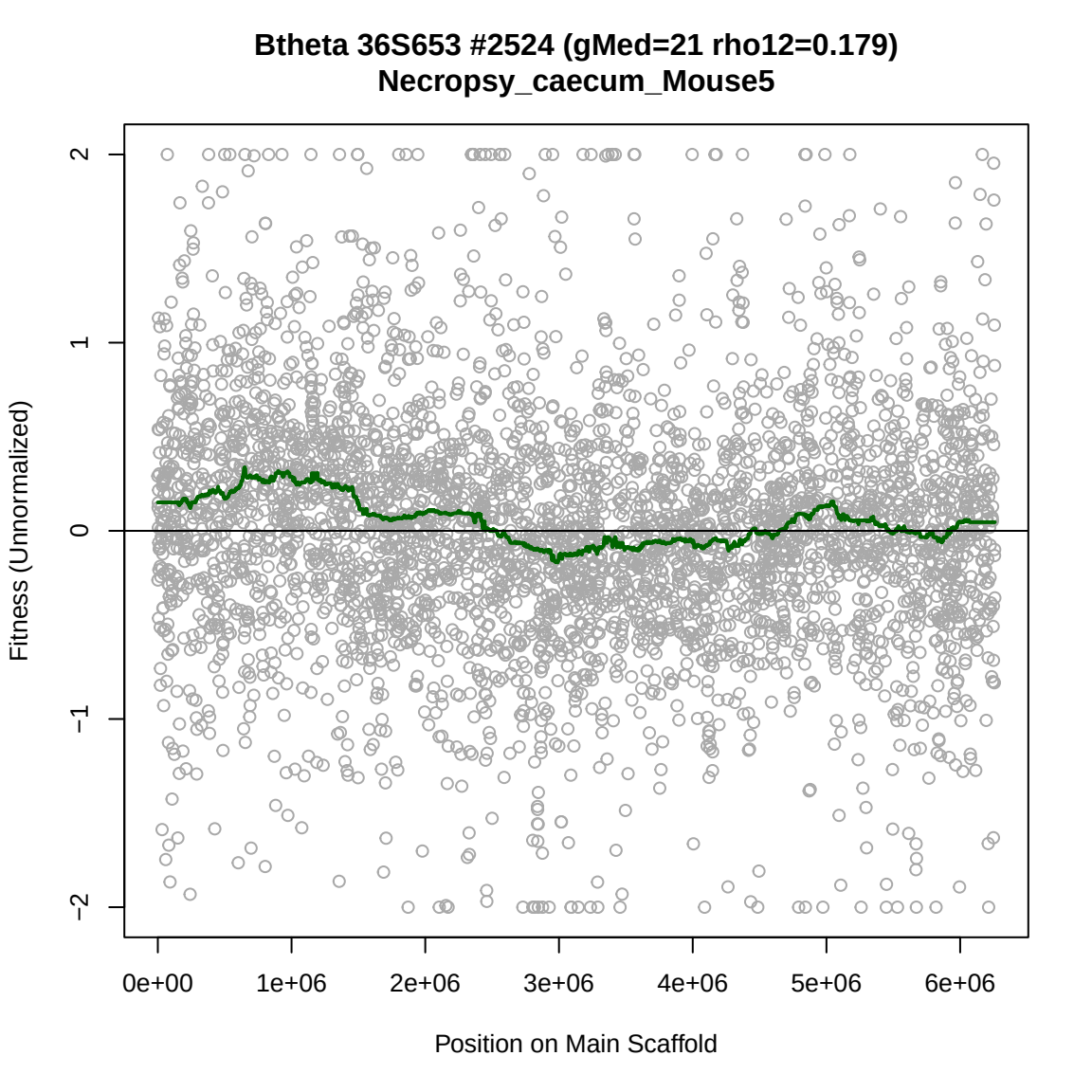

Btheta 36S646 #2519 (gMed=0 rho12=0.089)
Necropsy_Small_Intestine3_Mouse20
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

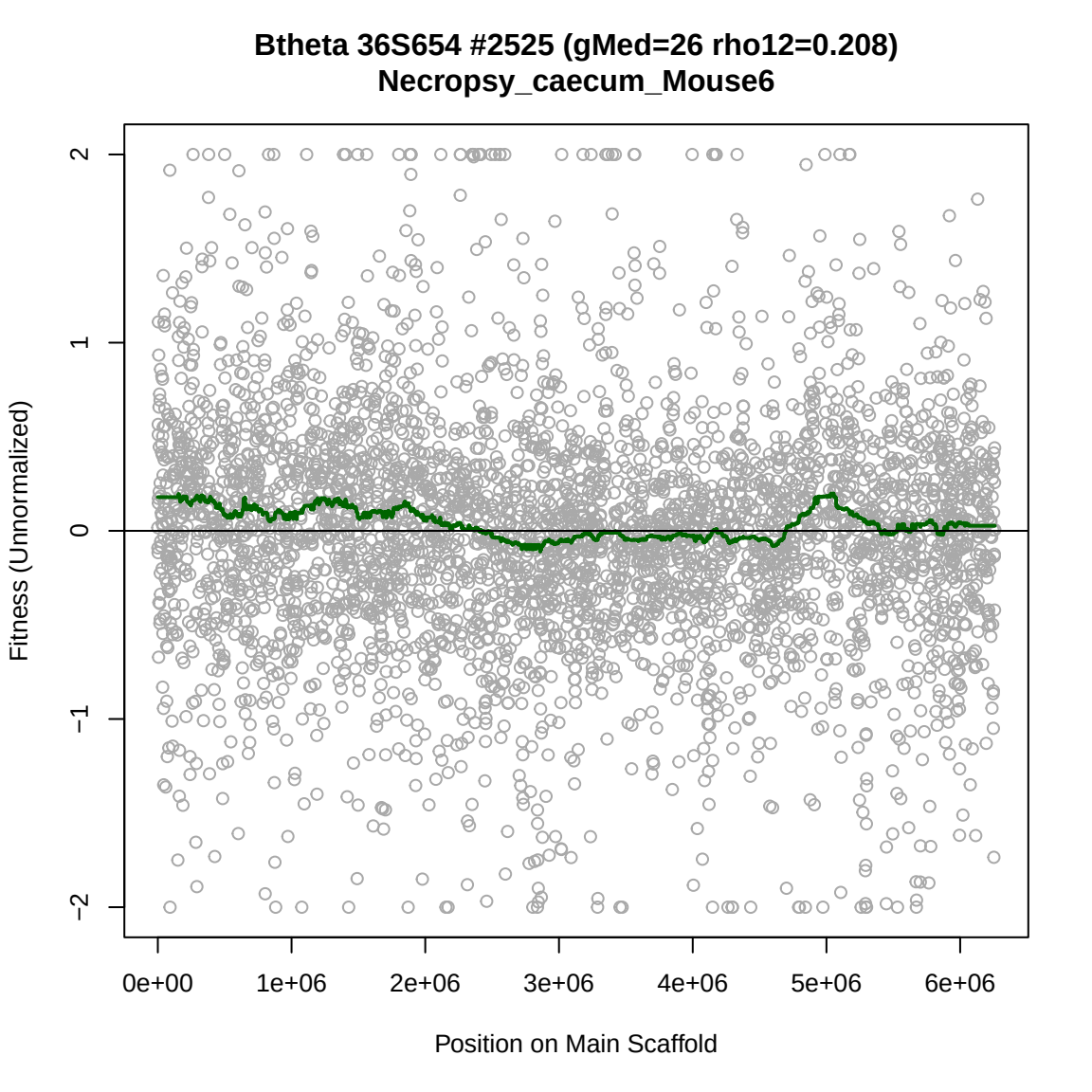

Btheta 36S649 #2520 (gMed=14 rho12=0.132)
Necropsy_caecum_Mouse1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

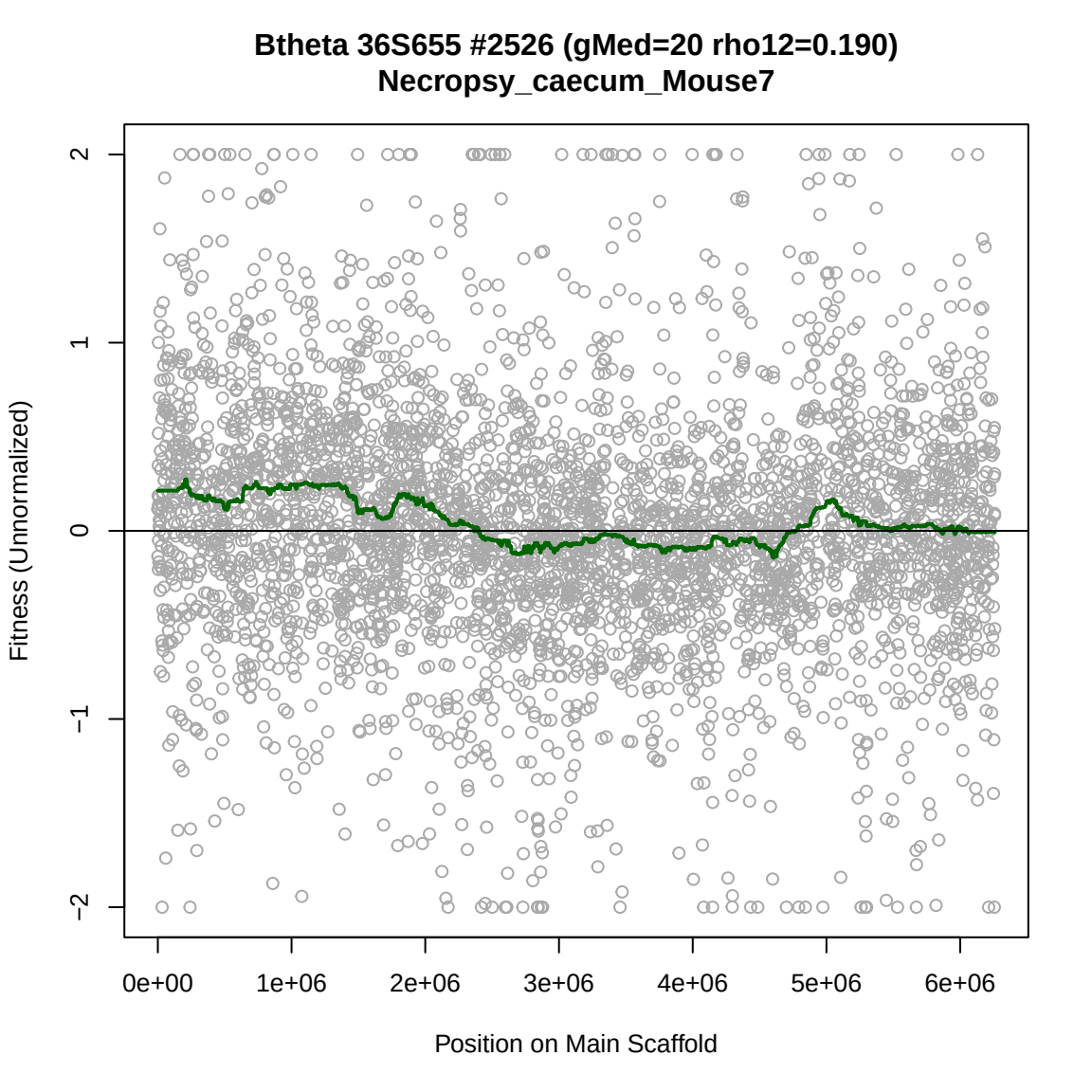

Btheta 36S650 #2521 (gMed=23 rho12=0.187)
Necropsy_caecum_Mouse2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

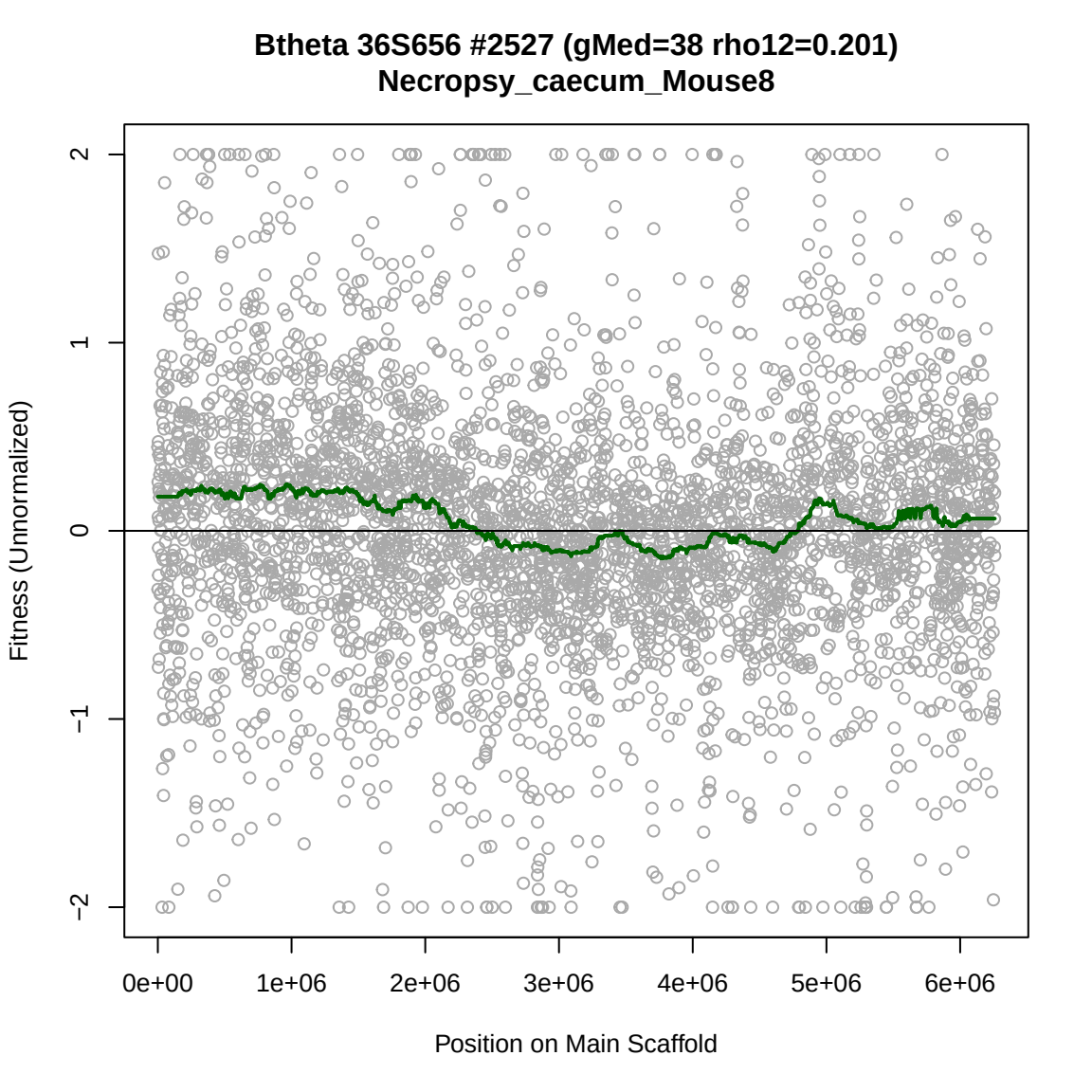

Btheta 36S651 #2522 (gMed=28 rho12=0.198)
Necropsy_caecum_Mouse3
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

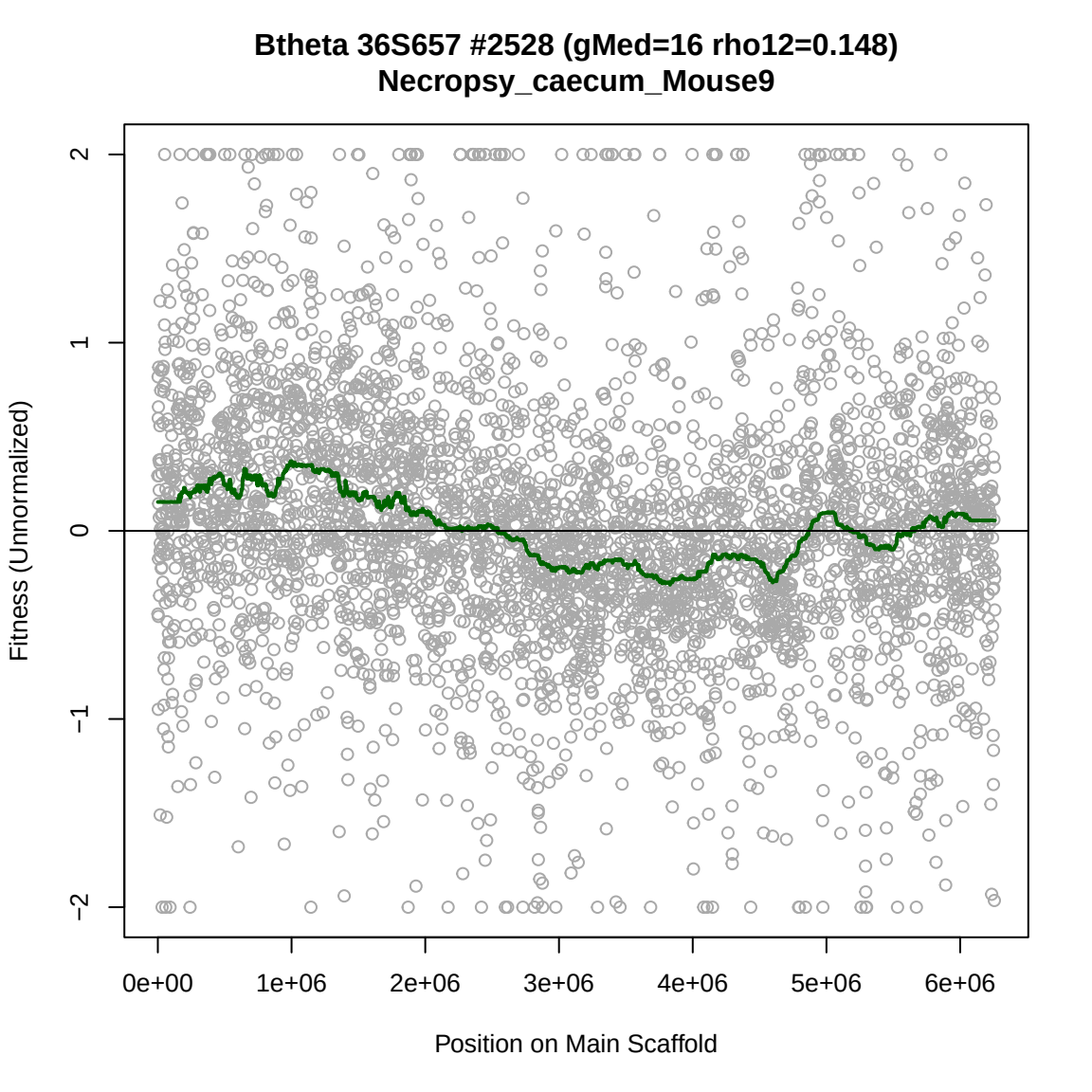

Btheta 36S652 #2523 (gMed=26 rho12=0.171)
Necropsy_caecum_Mouse4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

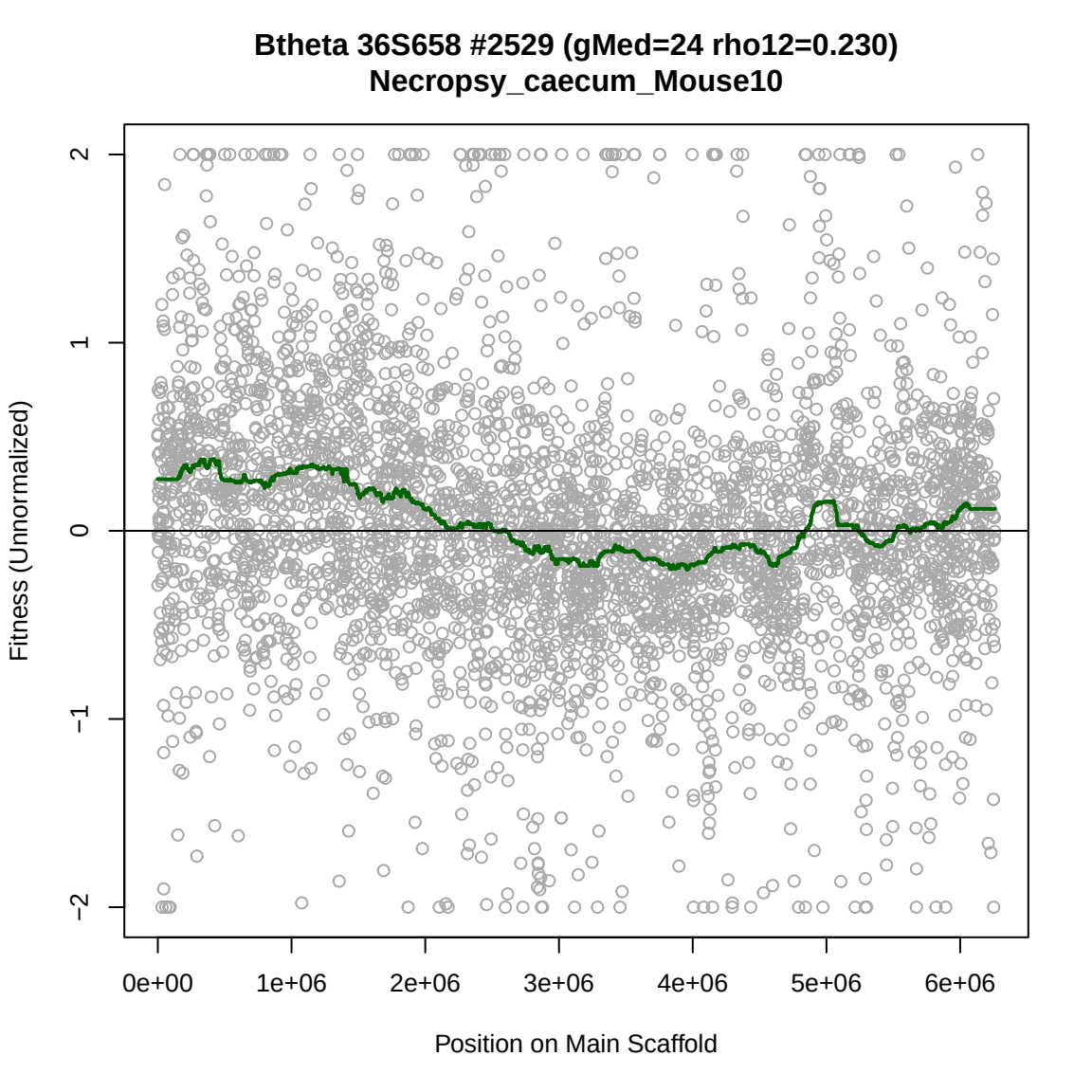

Btheta 36S653 #2524 (gMed=21 rho12=0.179)
Necropsy_caecum_Mouse5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

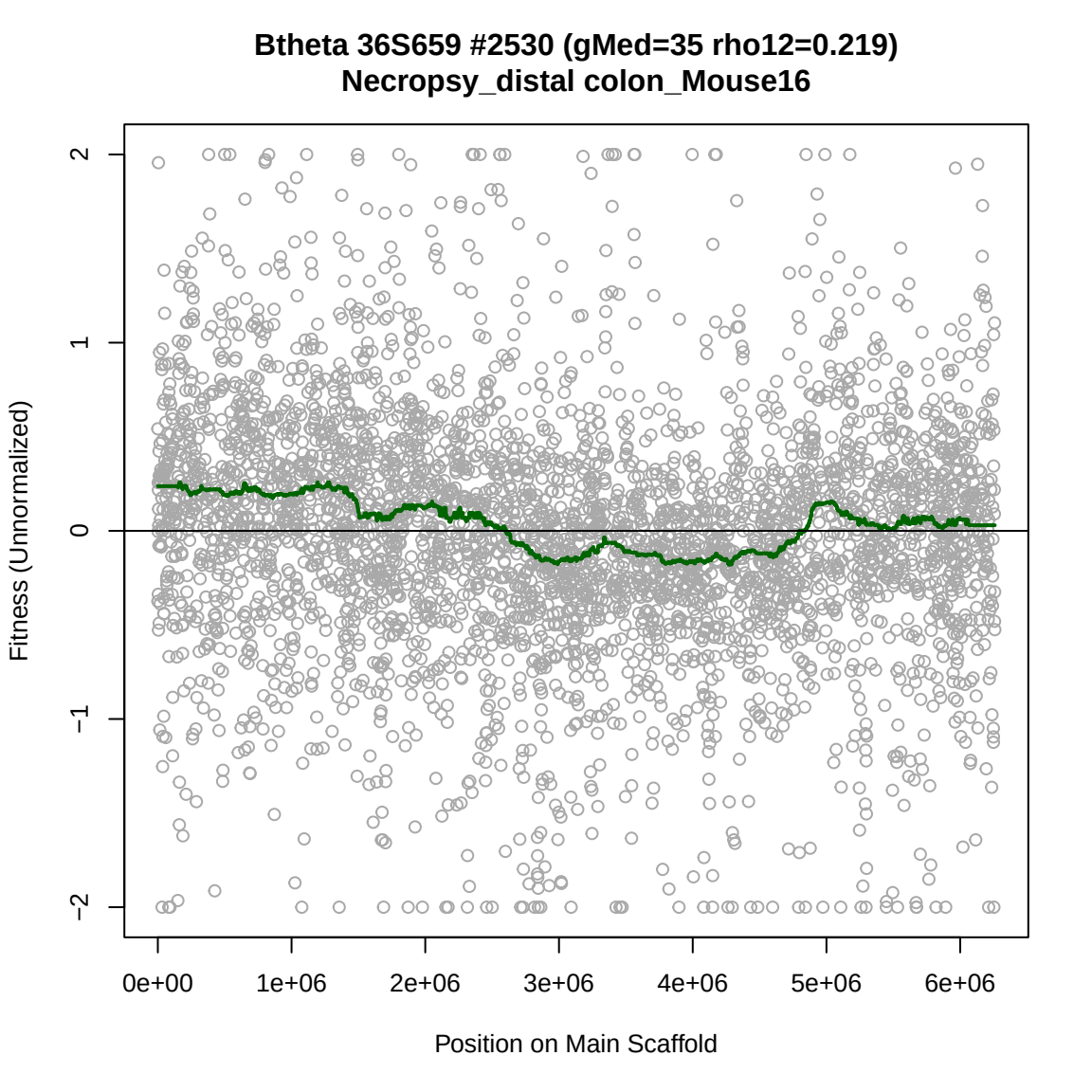

Btheta 36S654 #2525 (gMed=26 rho12=0.208)
Necropsy_caecum_Mouse6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

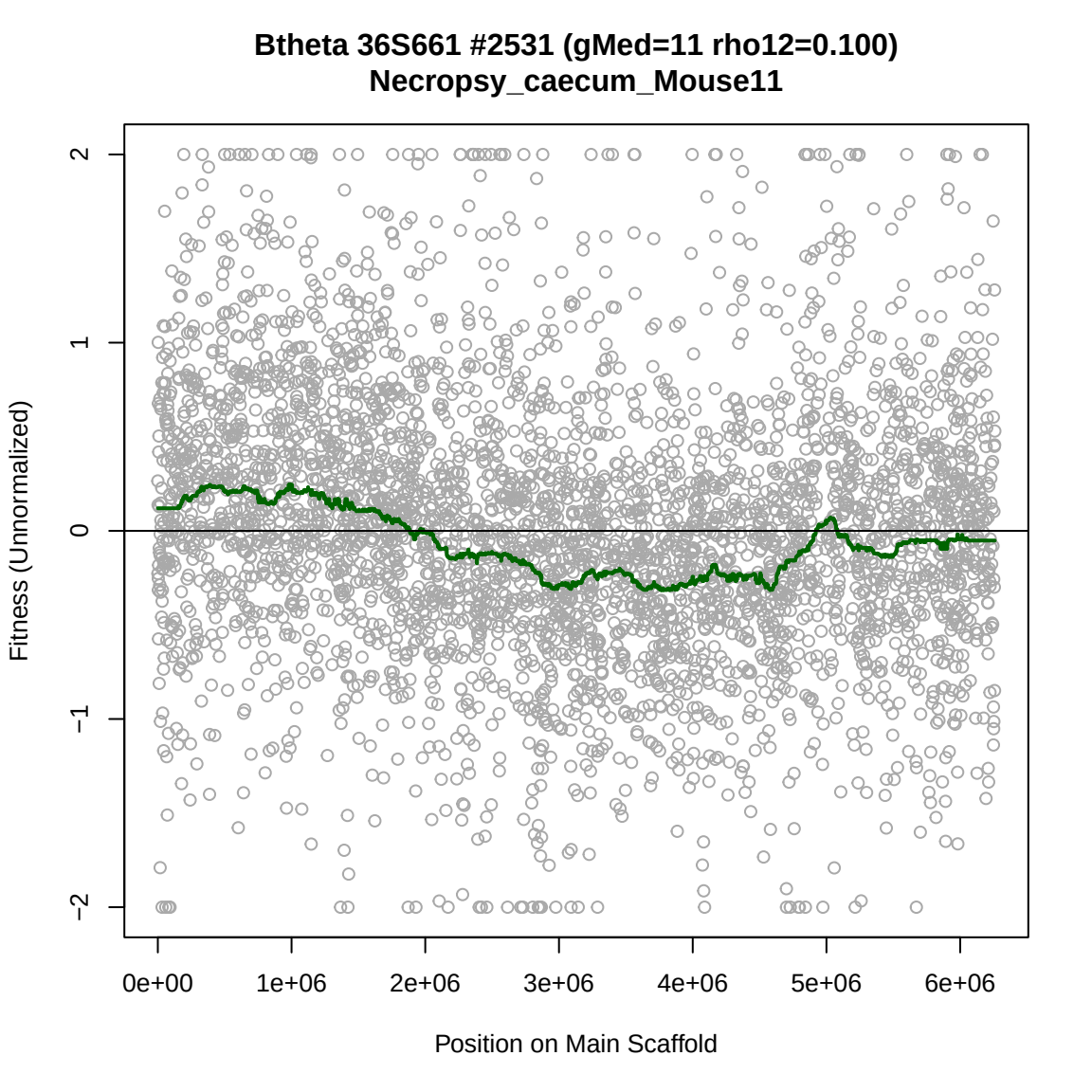

Btheta 36S655 #2526 (gMed=20 rho12=0.190)
Necropsy_caecum_Mouse7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

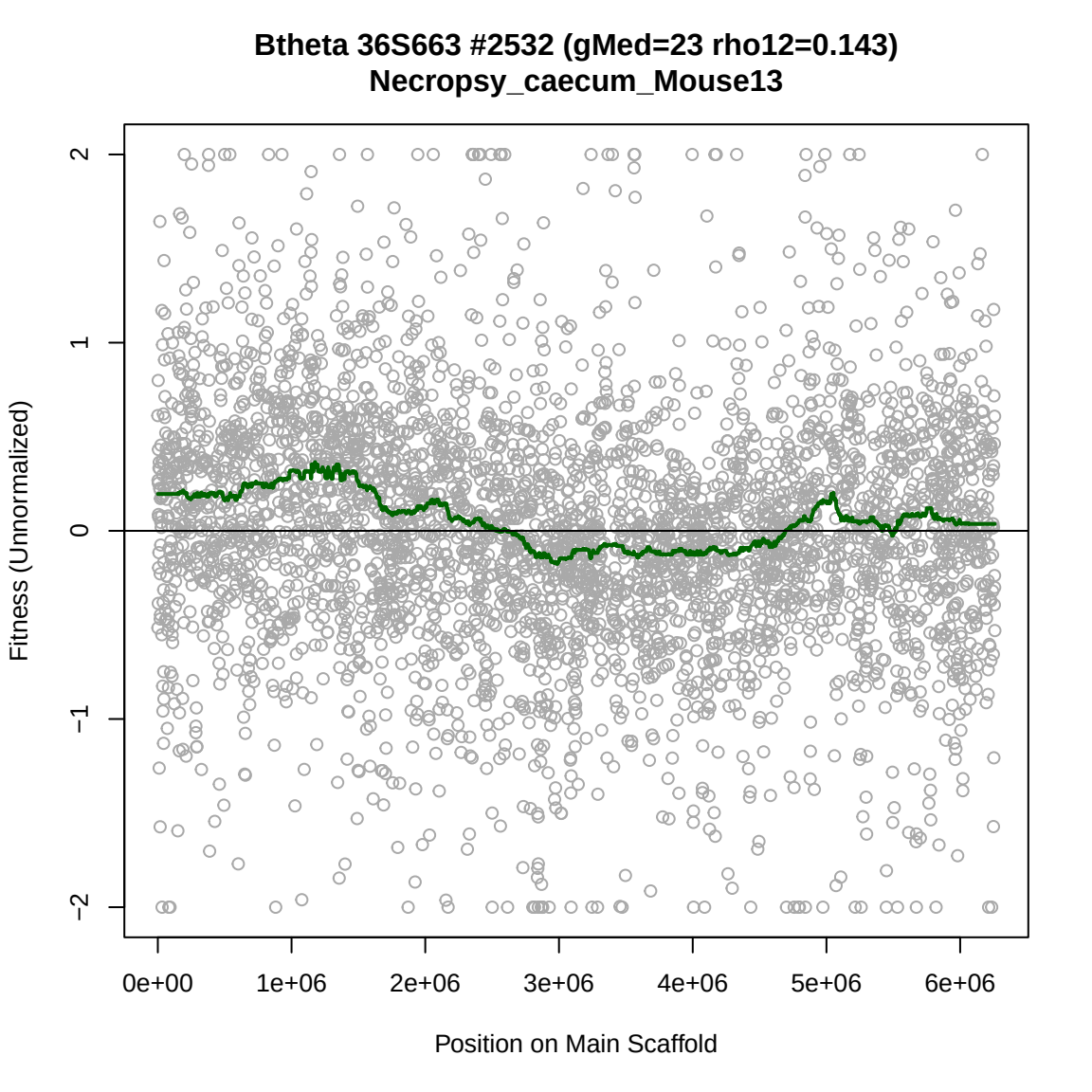

Btheta 36S656 #2527 (gMed=38 rho12=0.201)
Necropsy_caecum_Mouse8
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

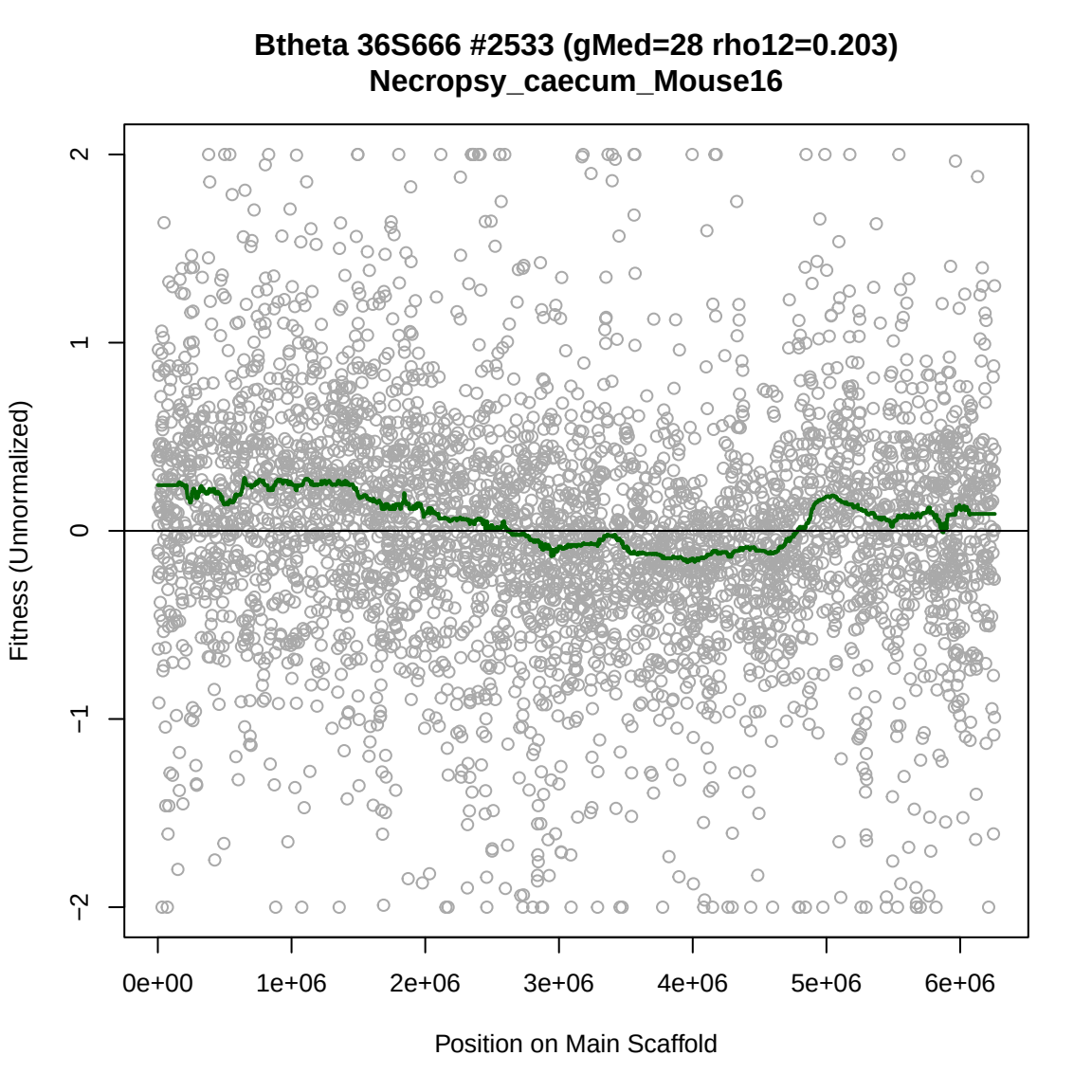

Btheta 36S657 #2528 (gMed=16 rho12=0.148)
Necropsy_caecum_Mouse9
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

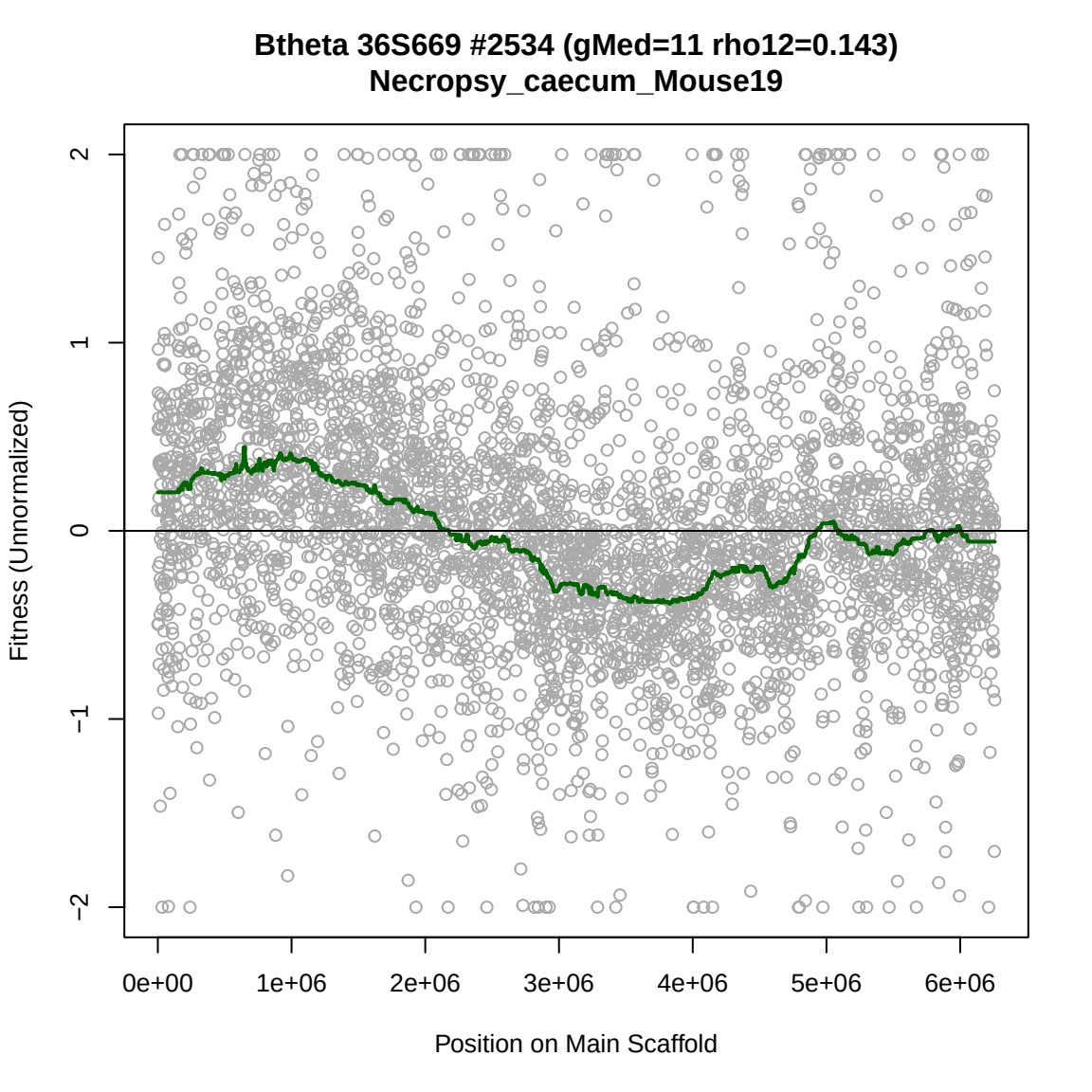

Btheta 36S658 #2529 (gMed=24 rho12=0.230)
Necropsy_caecum_Mouse10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold

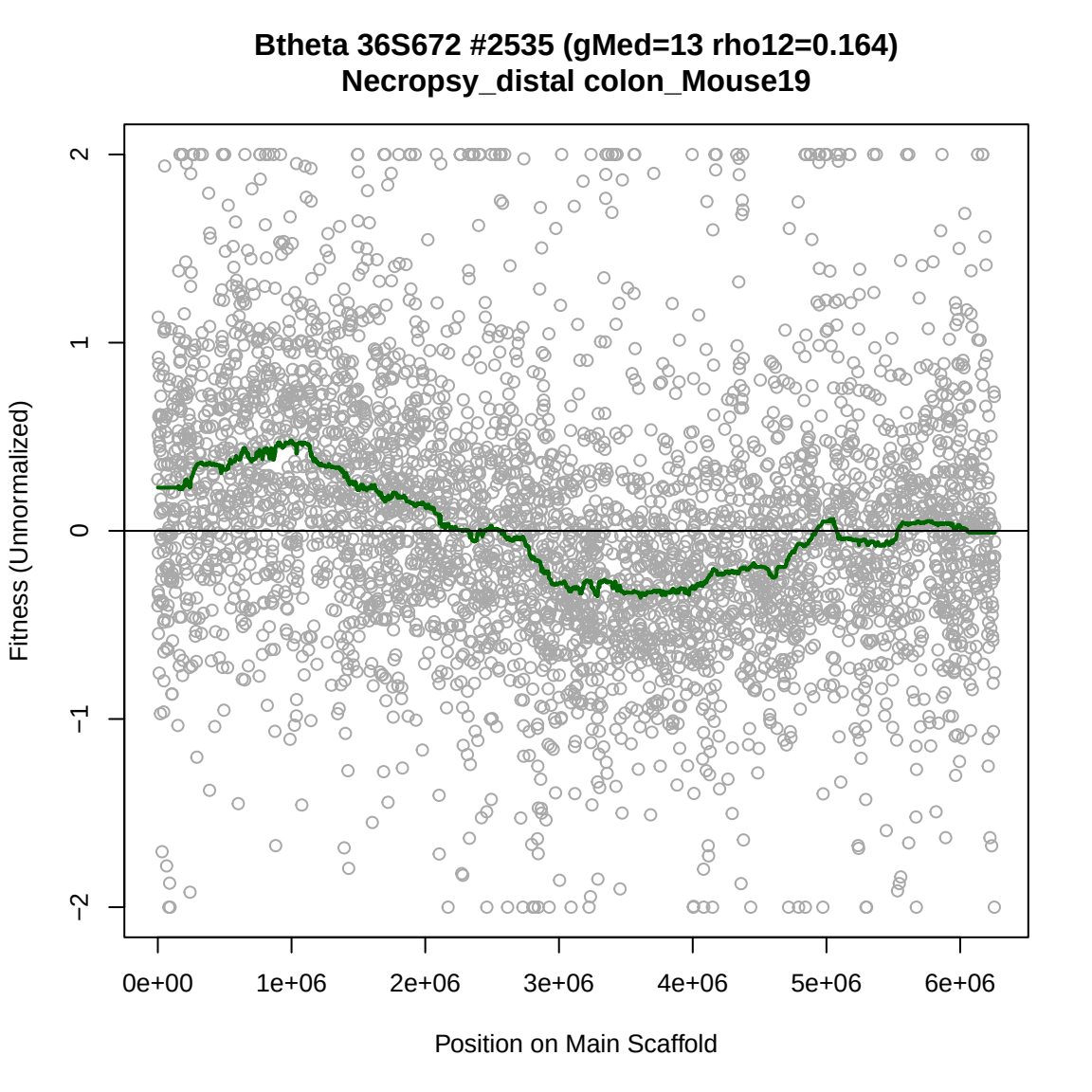

Btheta 36S659 #2530 (gMed=35 rho12=0.219)
Necropsy_distal colon_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold


Btheta 36S661 #2531 (gMed=11 rho12=0.100)
Necropsy_caecum_Mouse11
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold


Btheta 36S663 #2532 (gMed=23 rho12=0.143)
Necropsy_caecum_Mouse13
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold


Btheta 36S666 #2533 (gMed=28 rho12=0.203)
Necropsy_caecum_Mouse16
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold


Btheta 36S669 #2534 (gMed=11 rho12=0.143)
Necropsy_caecum_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold


Btheta 36S672 #2535 (gMed=13 rho12=0.164)
Necropsy_distal colon_Mouse19
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
5e+06
6e+06
Position on Main Scaffold