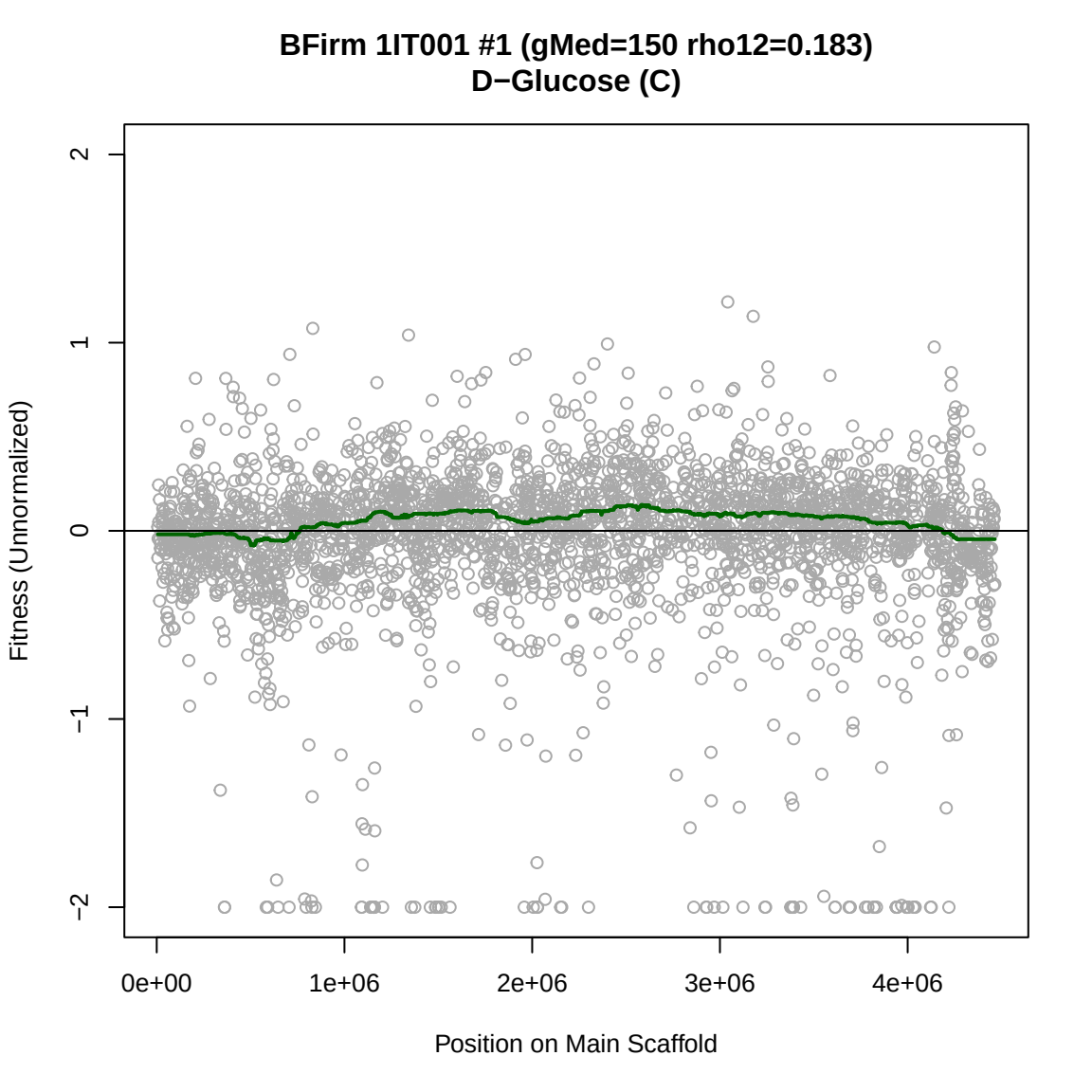
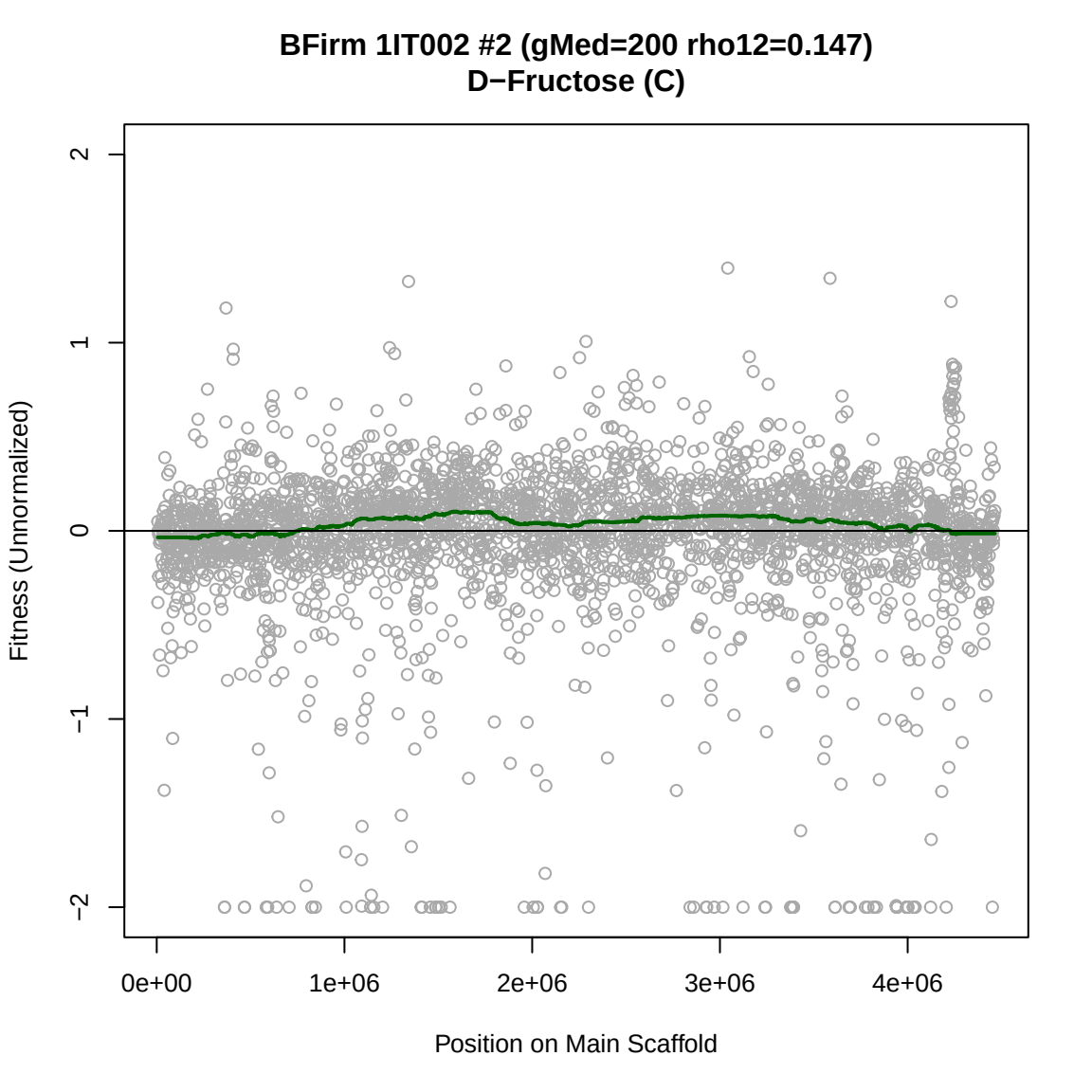
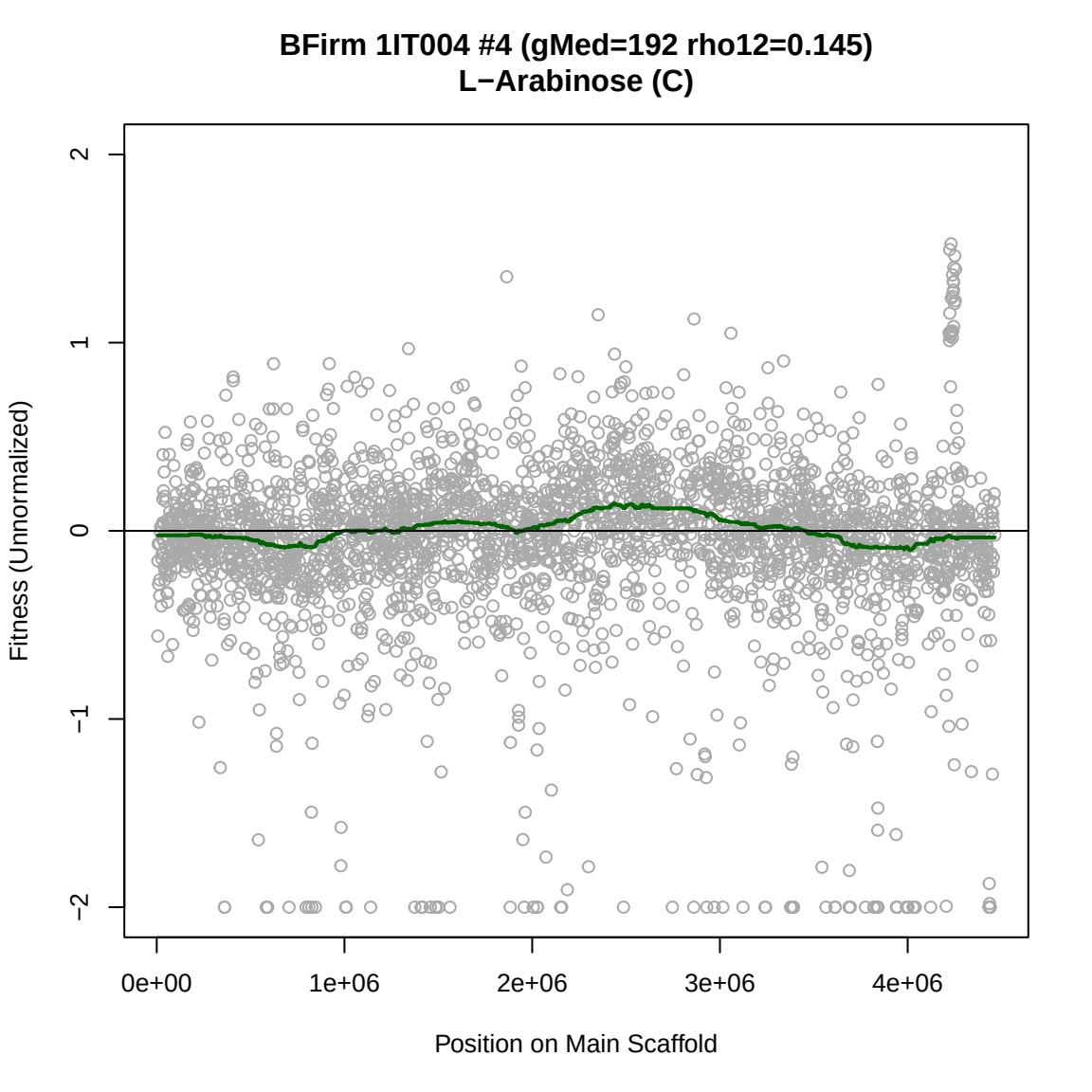
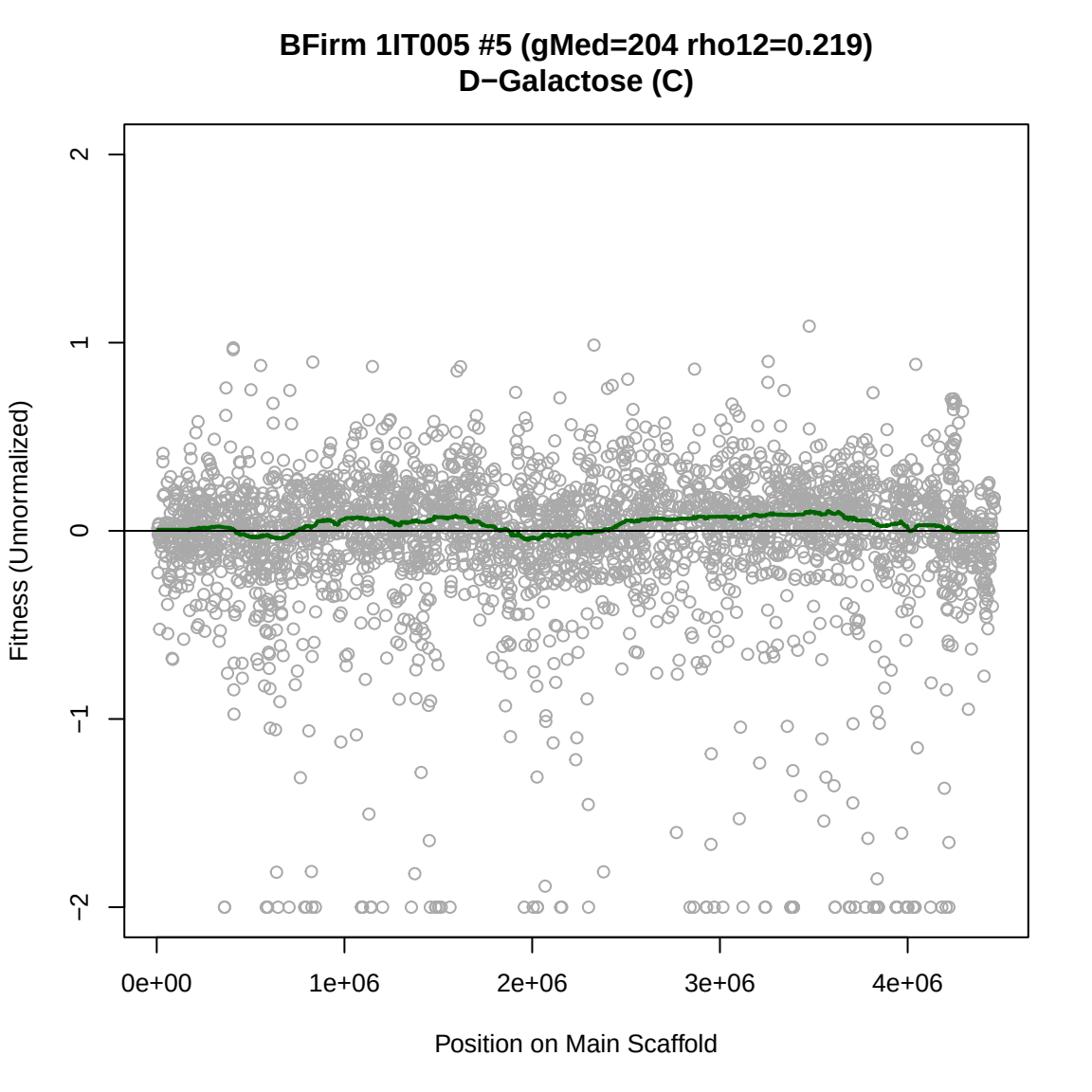
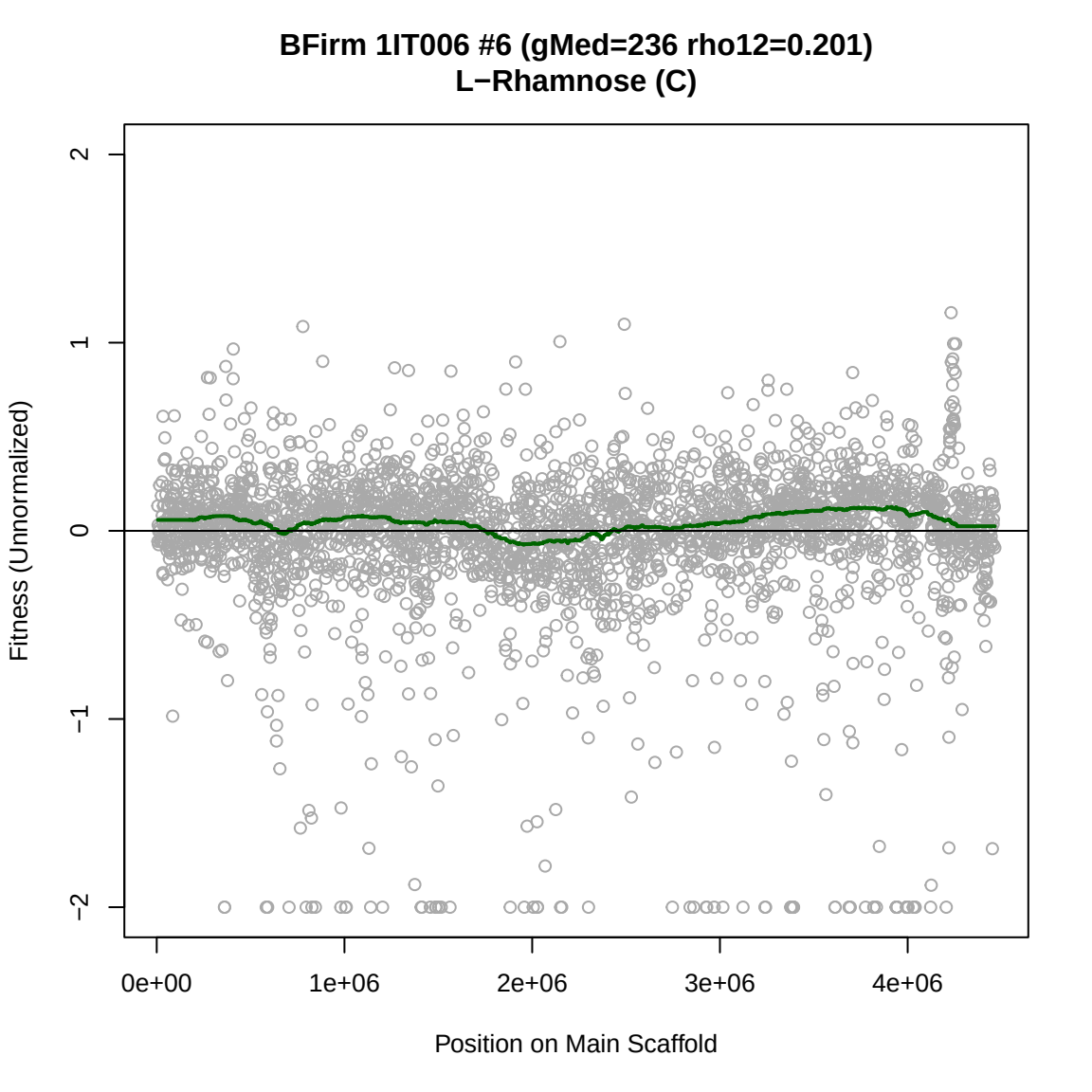
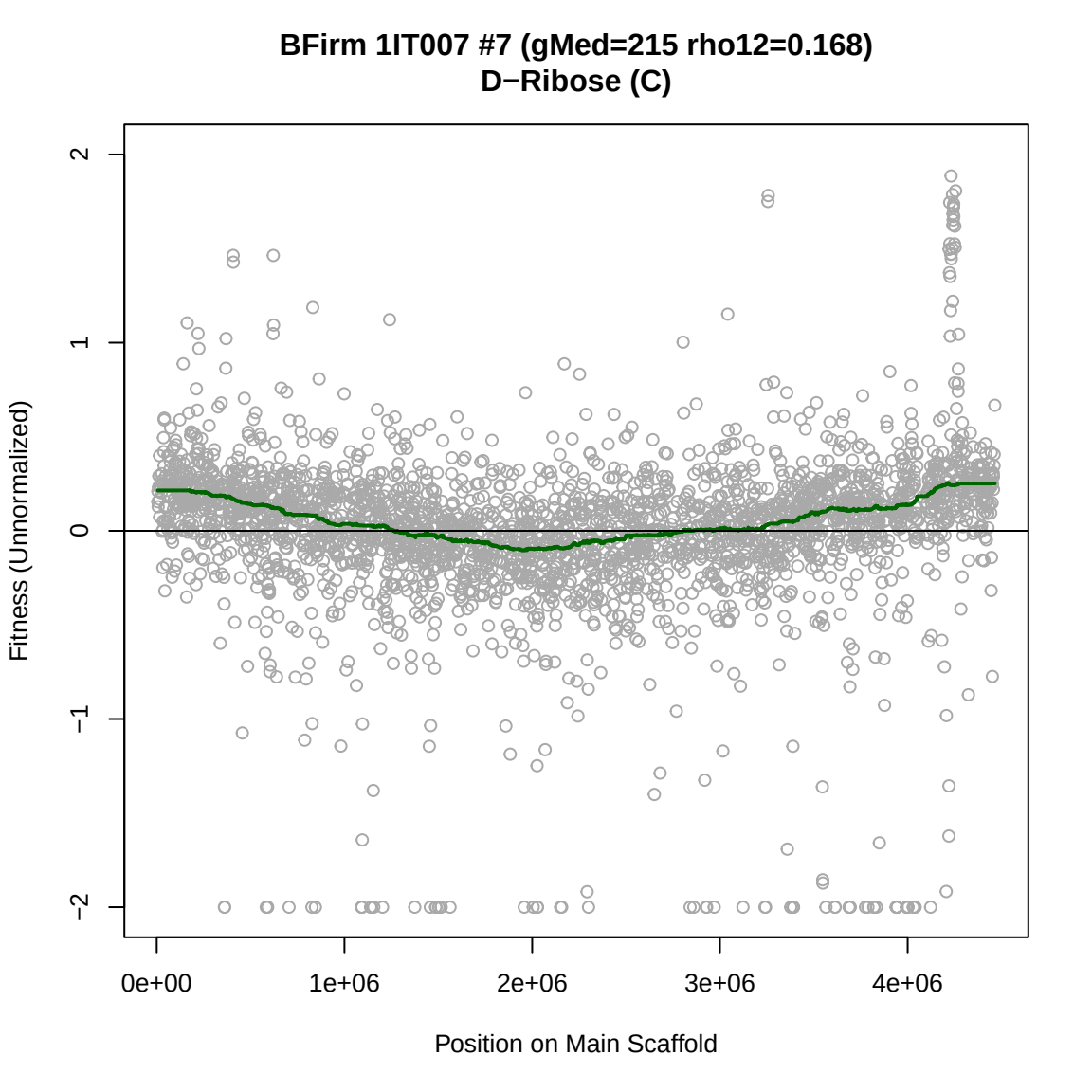

BFirm 1IT001 #1 (gMed=150 rho12=0.183)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

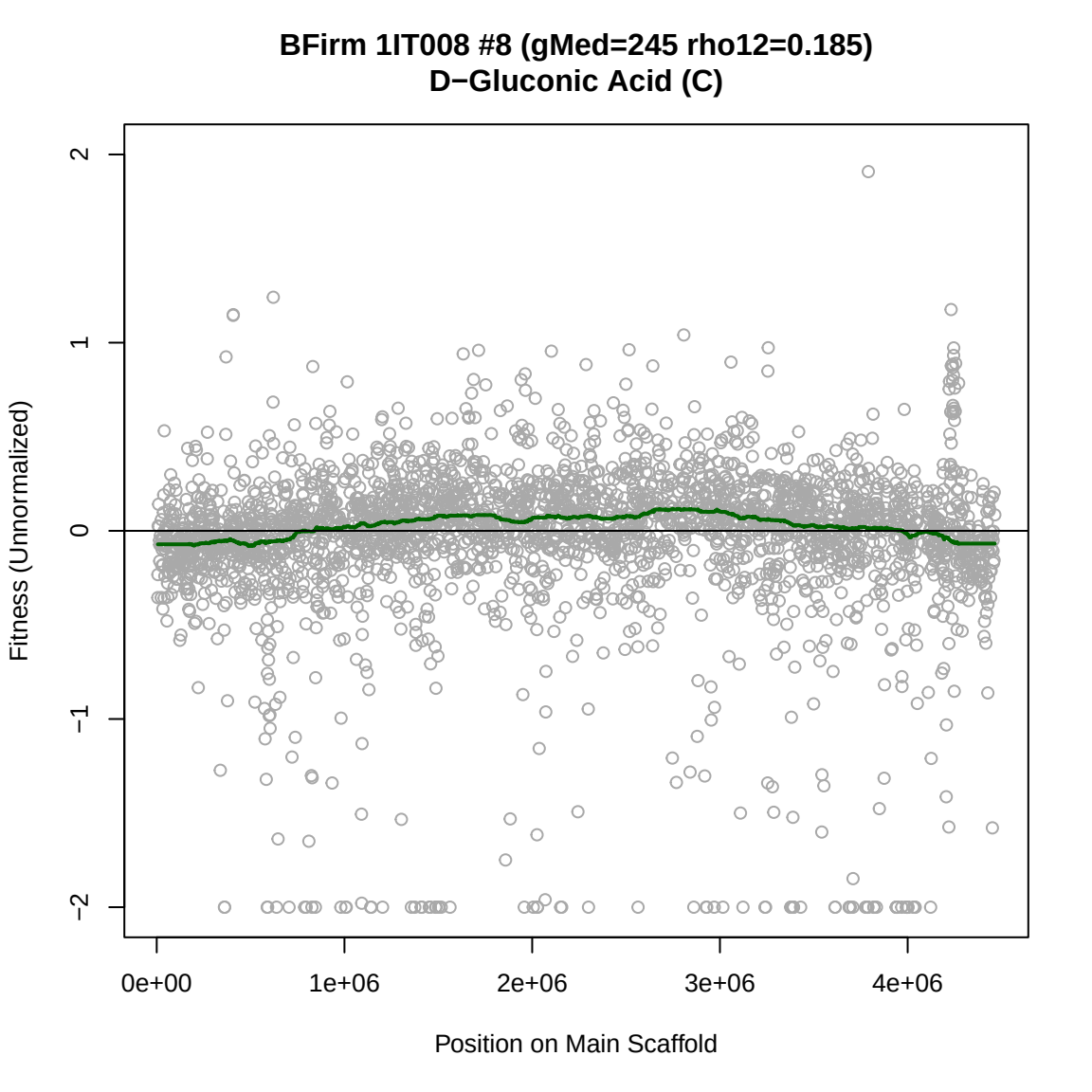

BFirm 1IT002 #2 (gMed=200 rho12=0.147)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

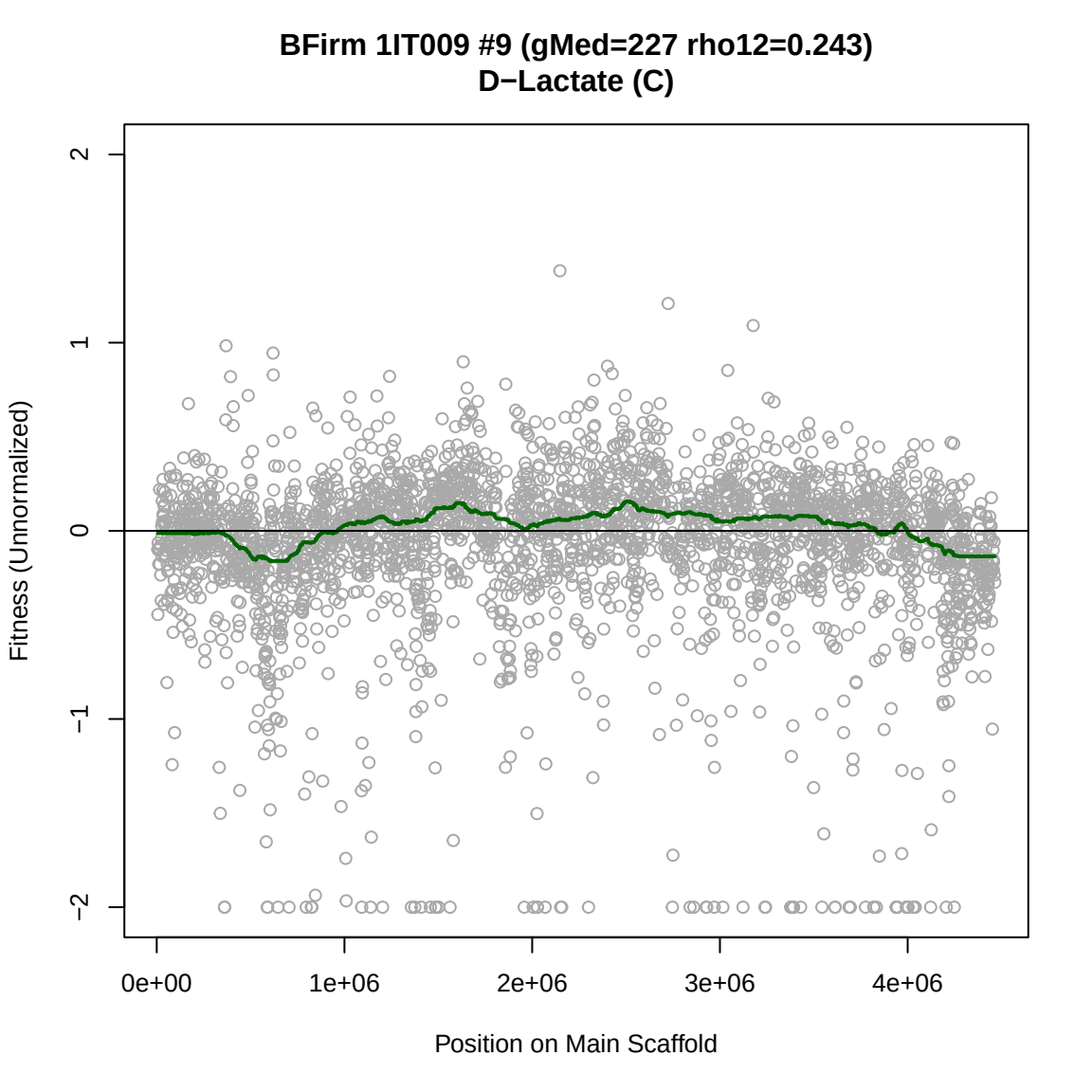

BFirm 1IT004 #4 (gMed=192 rho12=0.145)
L−Arabinose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

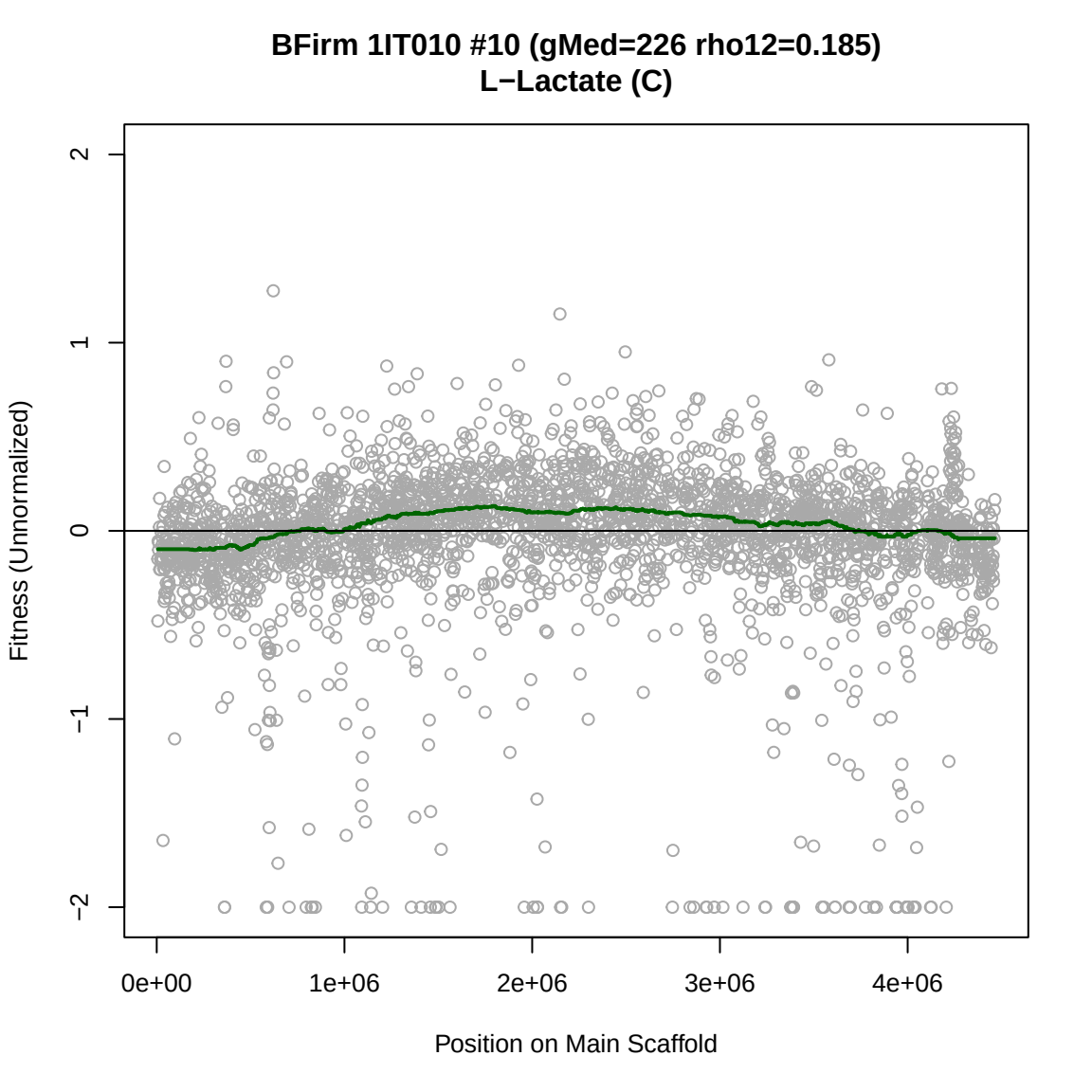

BFirm 1IT005 #5 (gMed=204 rho12=0.219)
D−Galactose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

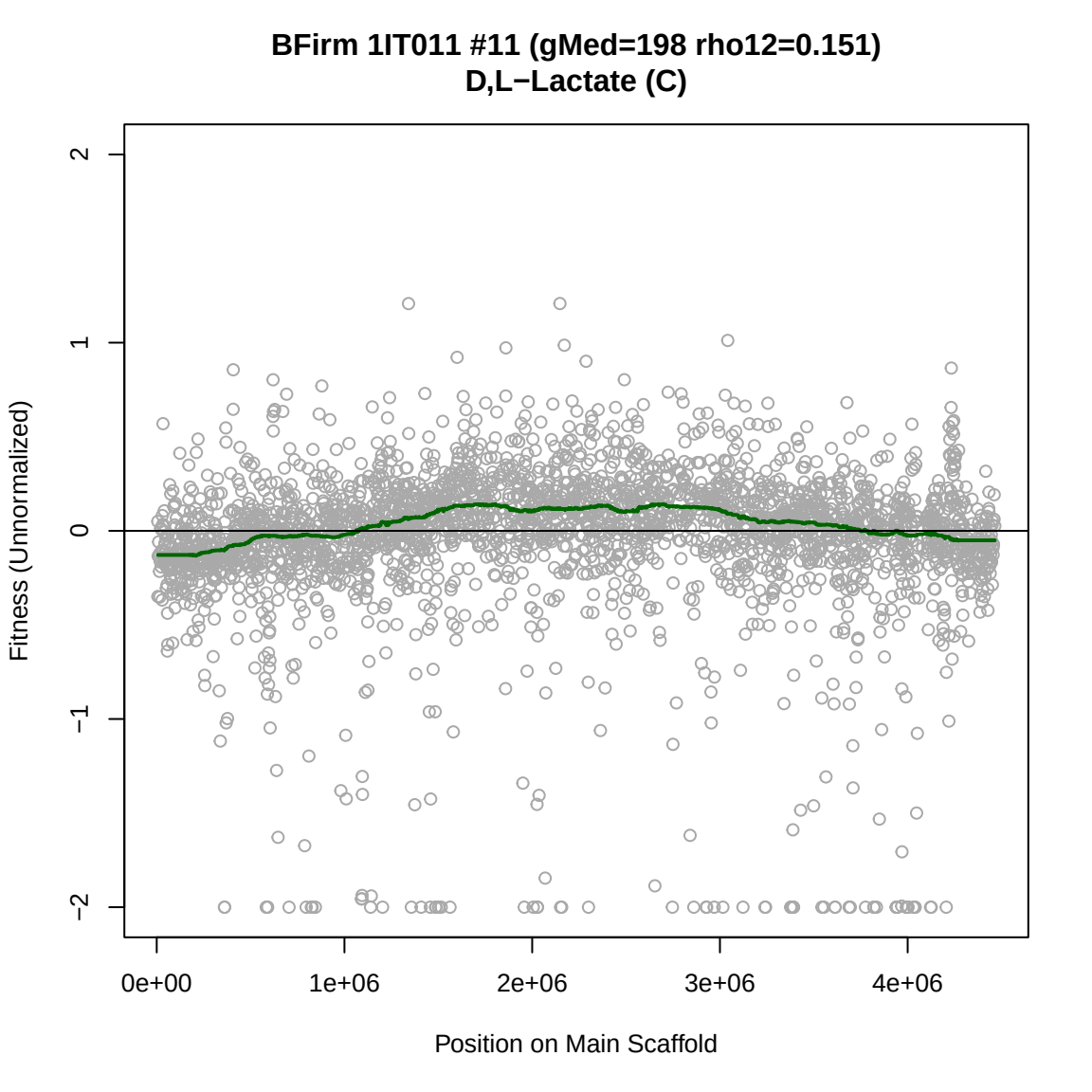

BFirm 1IT006 #6 (gMed=236 rho12=0.201)
L−Rhamnose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

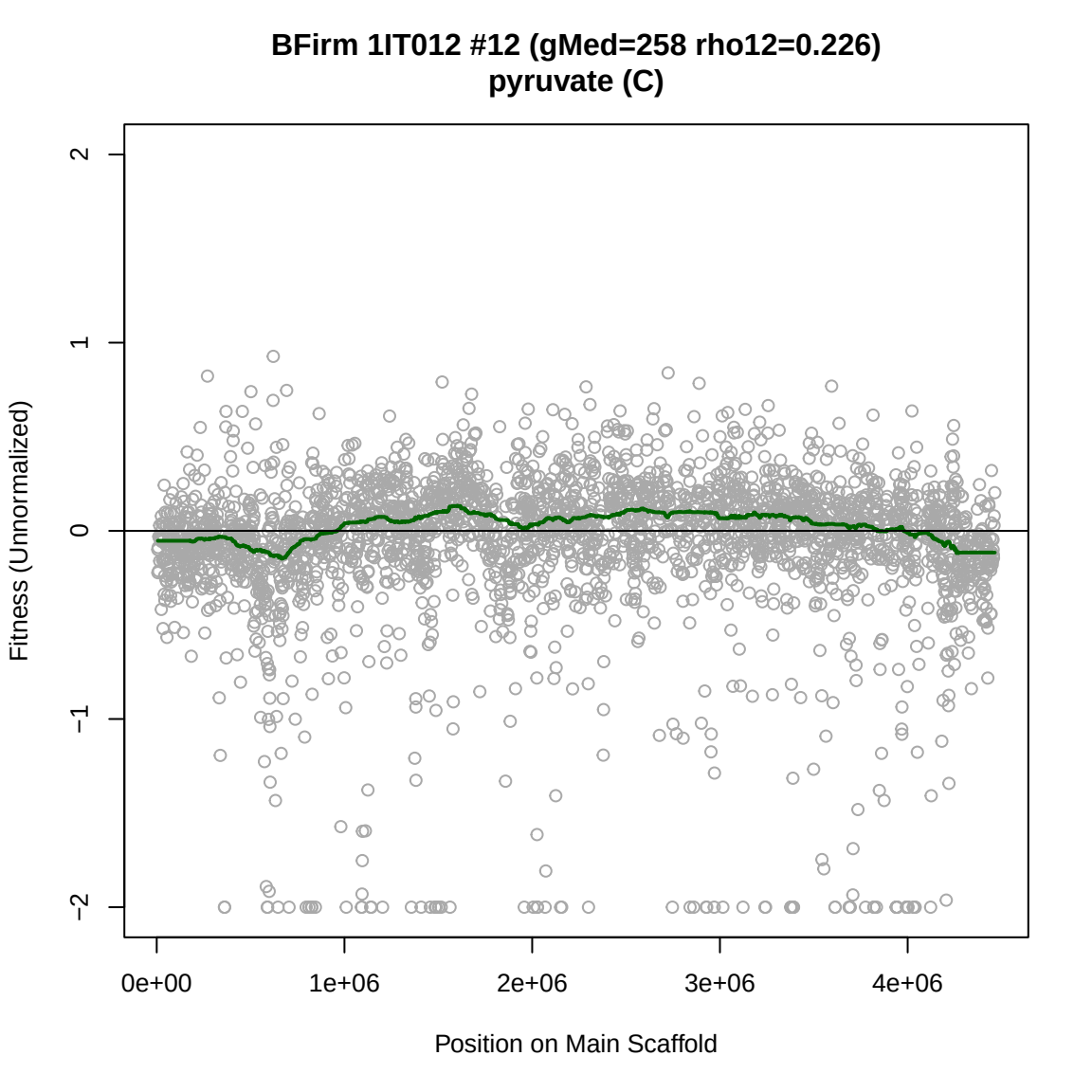

BFirm 1IT007 #7 (gMed=215 rho12=0.168)
D−Ribose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

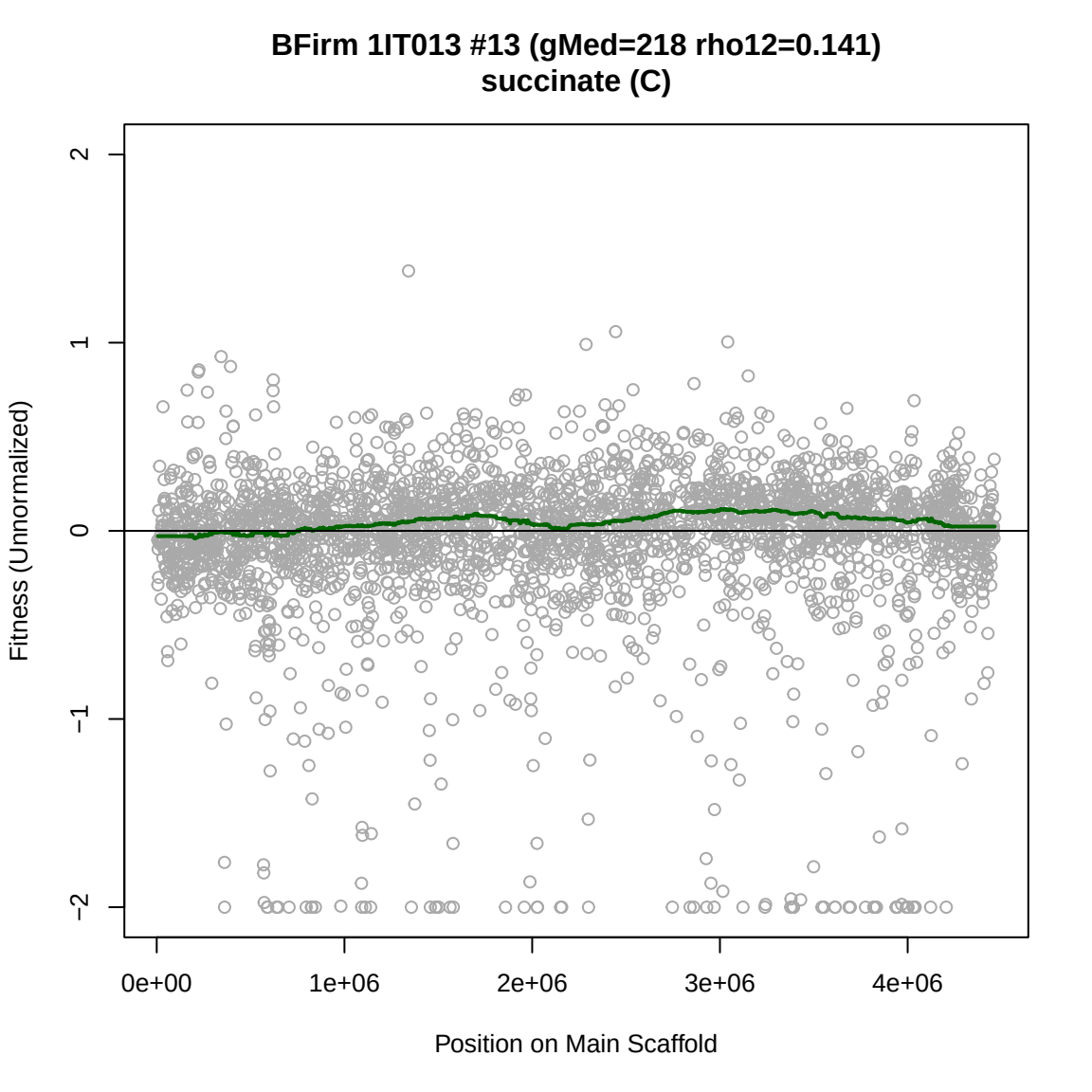

BFirm 1IT008 #8 (gMed=245 rho12=0.185)
D−Gluconic Acid (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

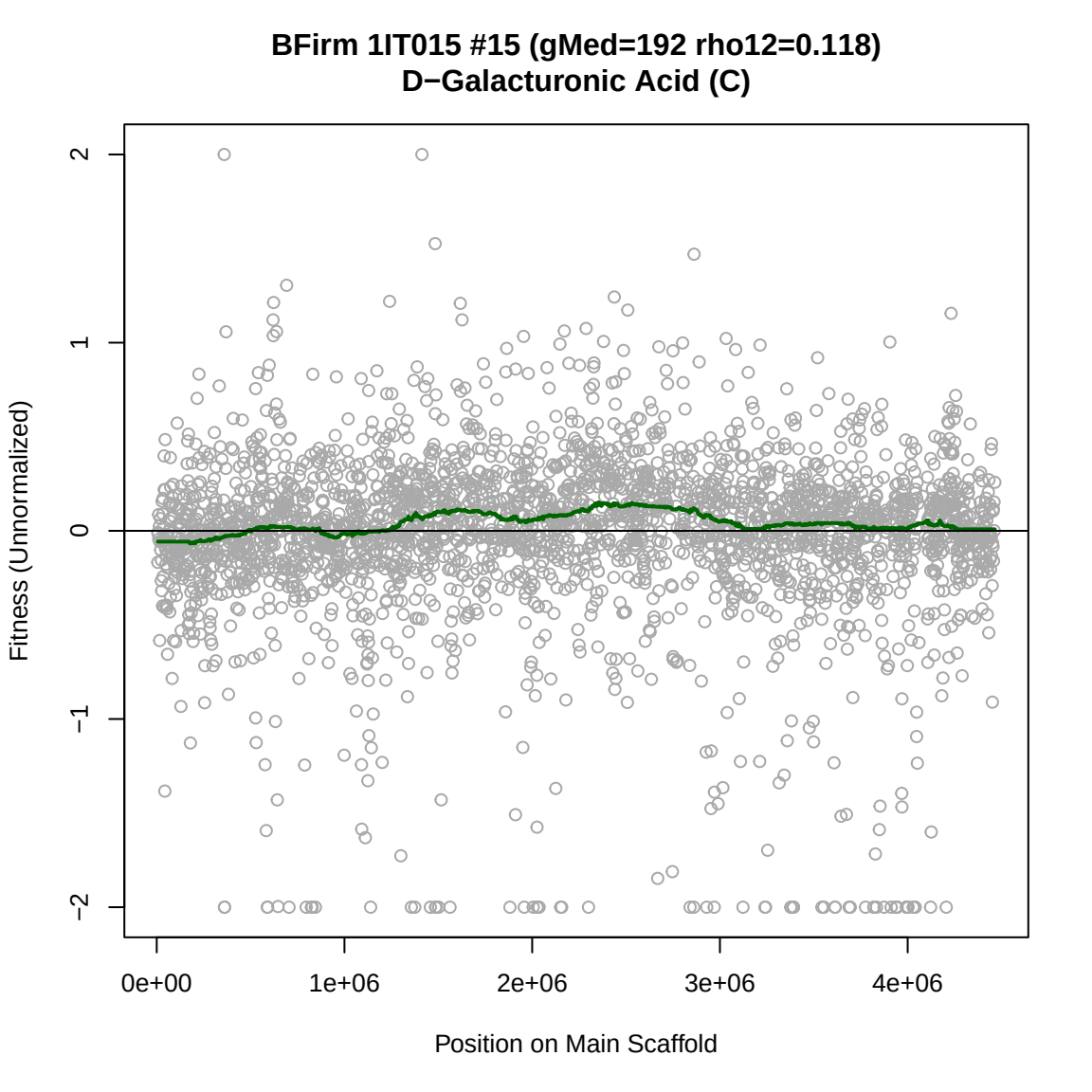

BFirm 1IT009 #9 (gMed=227 rho12=0.243)
D−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

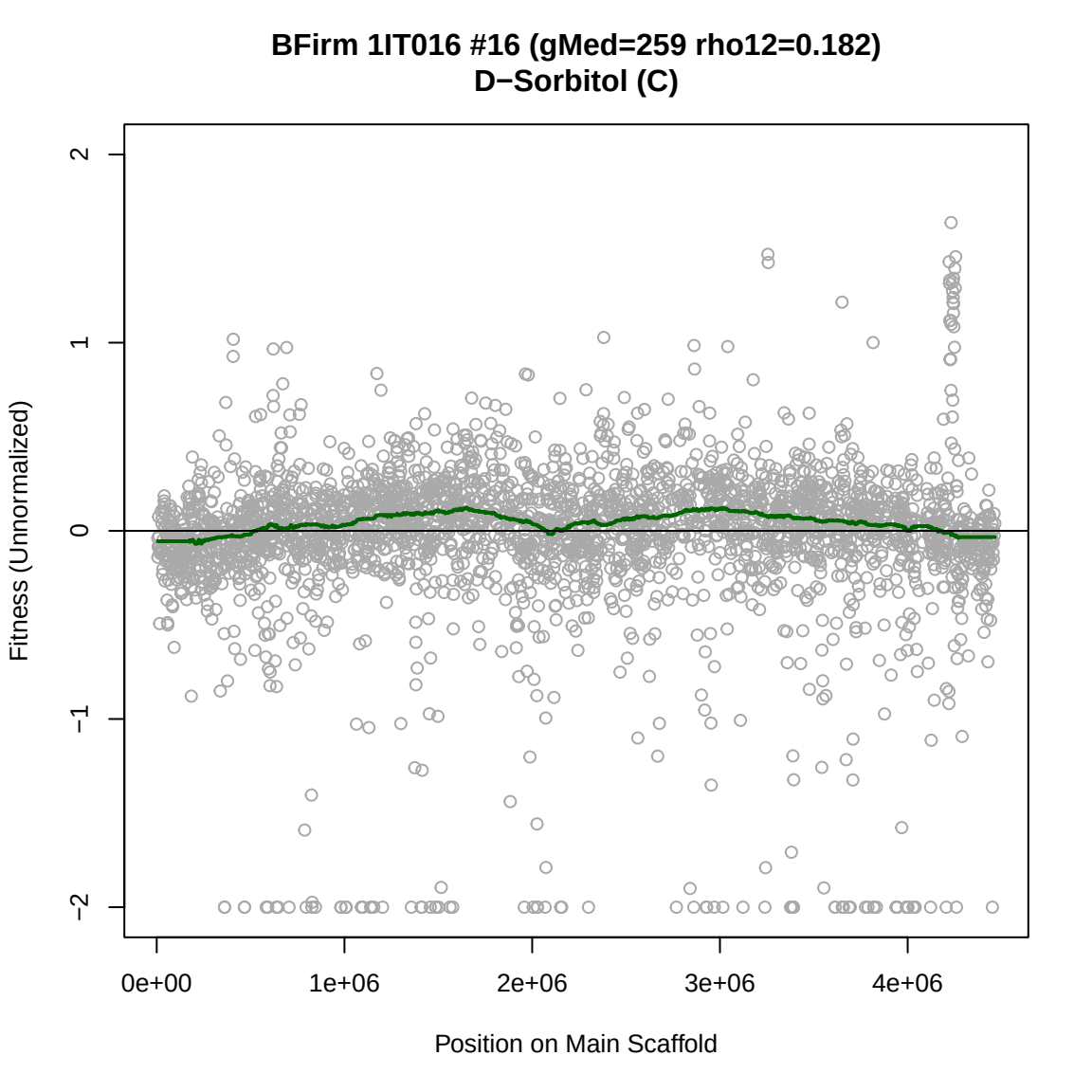

BFirm 1IT010 #10 (gMed=226 rho12=0.185)
L−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

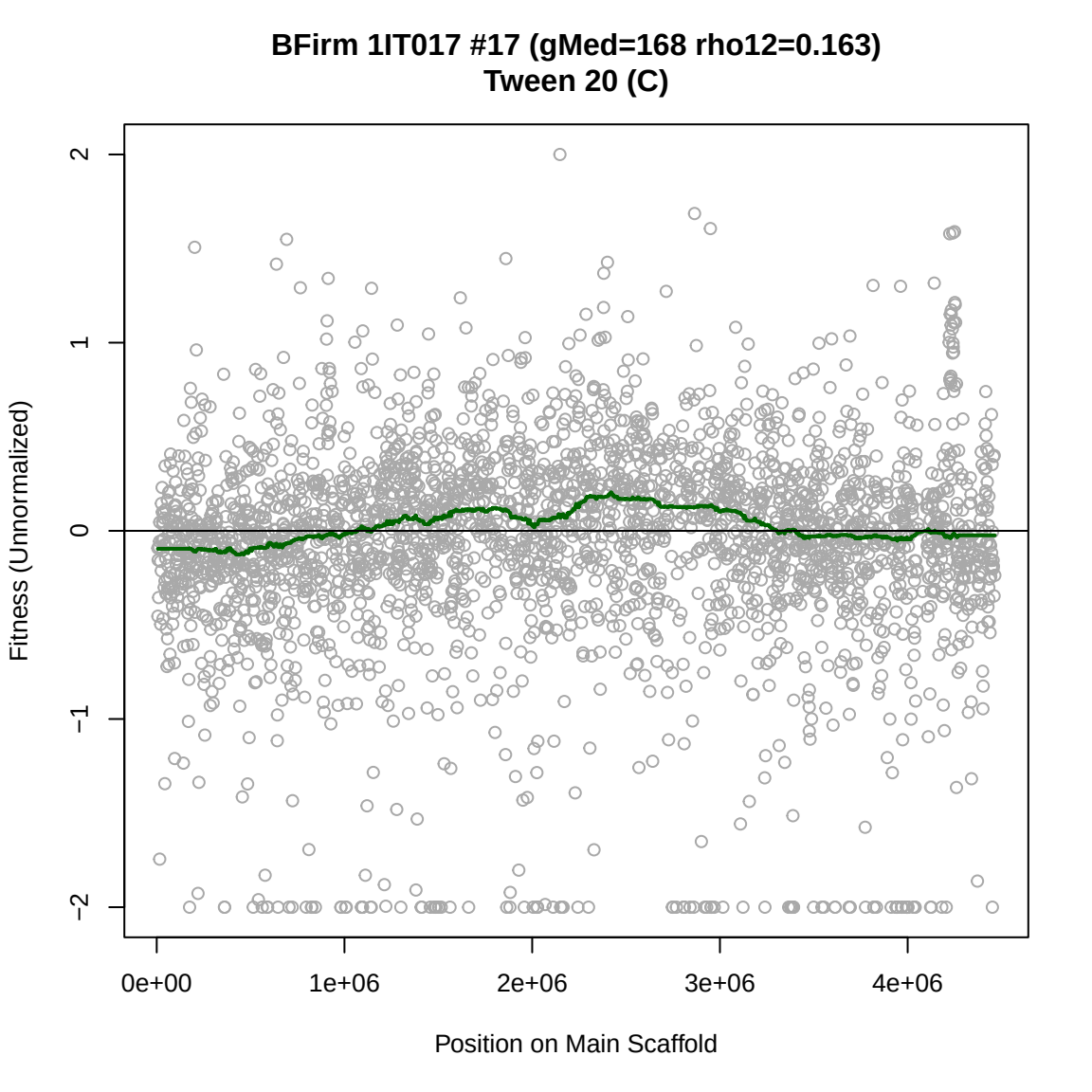

BFirm 1IT011 #11 (gMed=198 rho12=0.151)
D,L−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

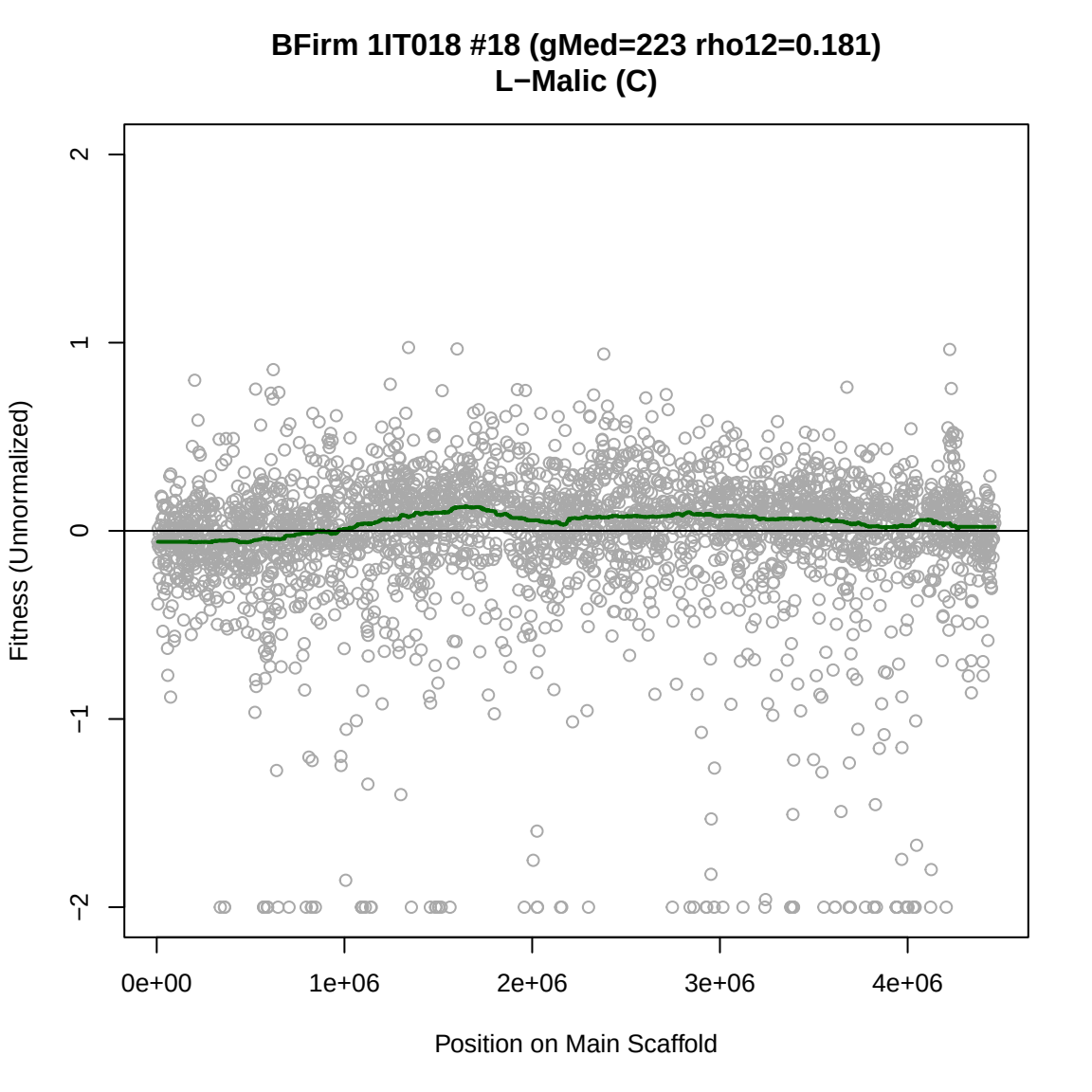

BFirm 1IT012 #12 (gMed=258 rho12=0.226)
pyruvate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

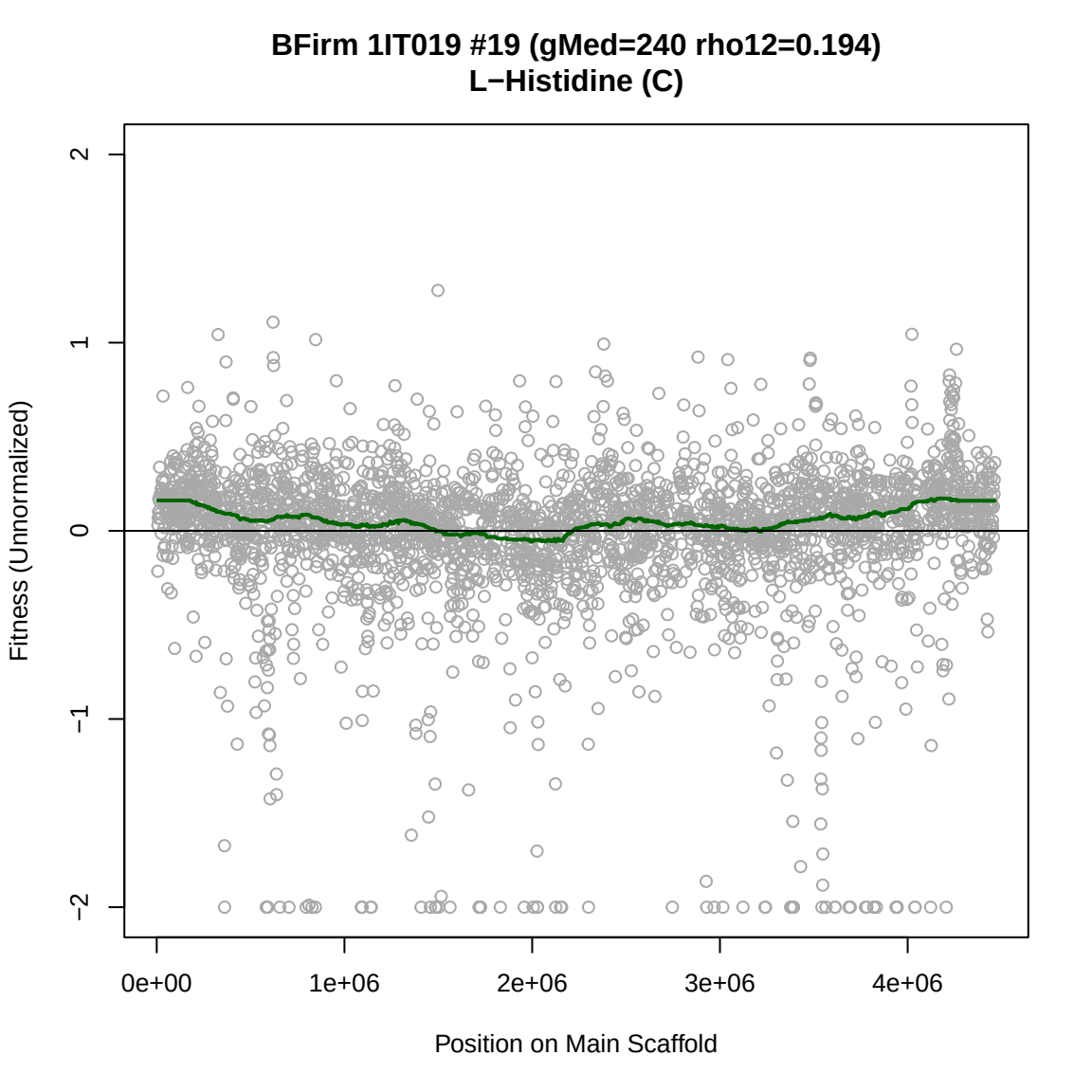

BFirm 1IT013 #13 (gMed=218 rho12=0.141)
succinate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

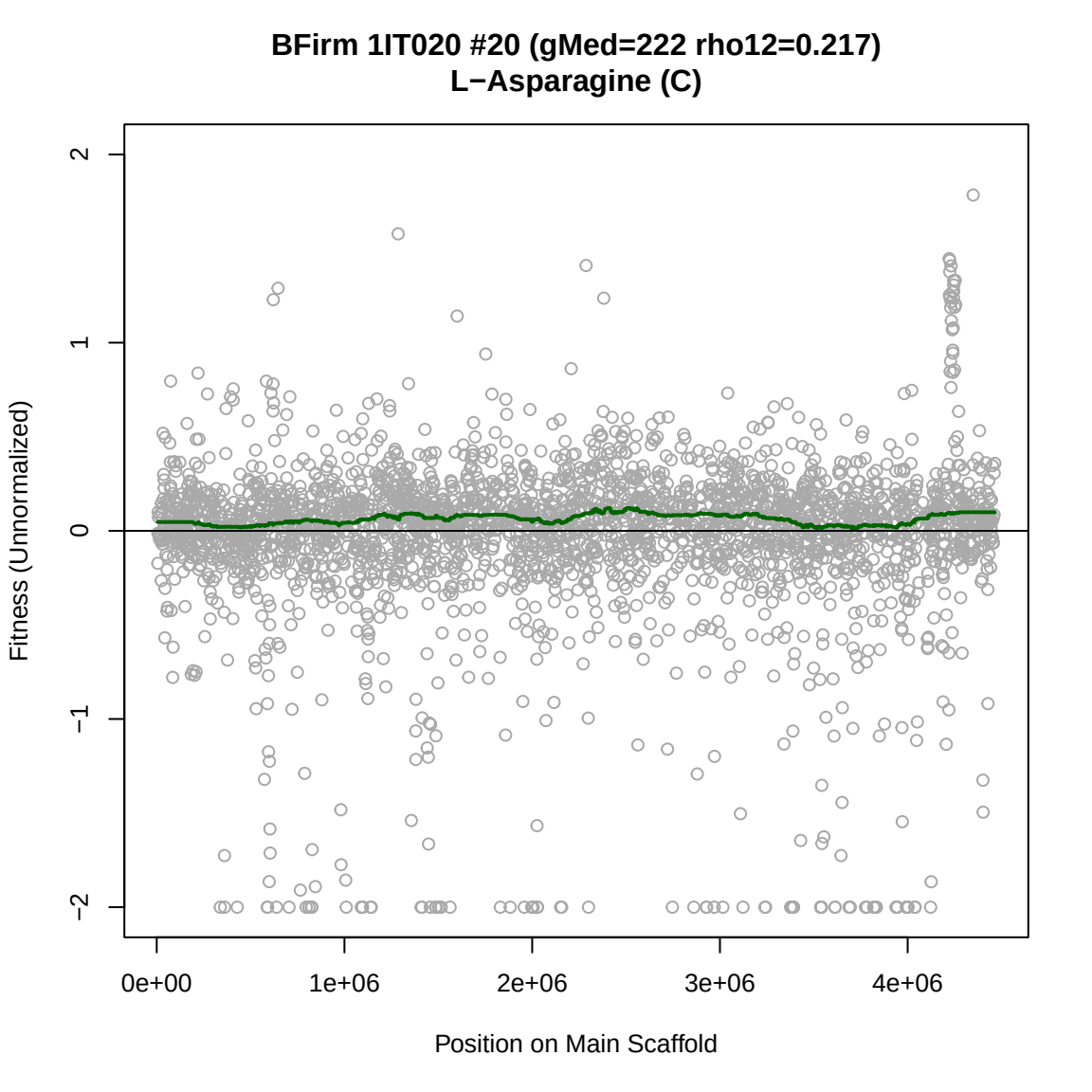

BFirm 1IT015 #15 (gMed=192 rho12=0.118)
D−Galacturonic Acid (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

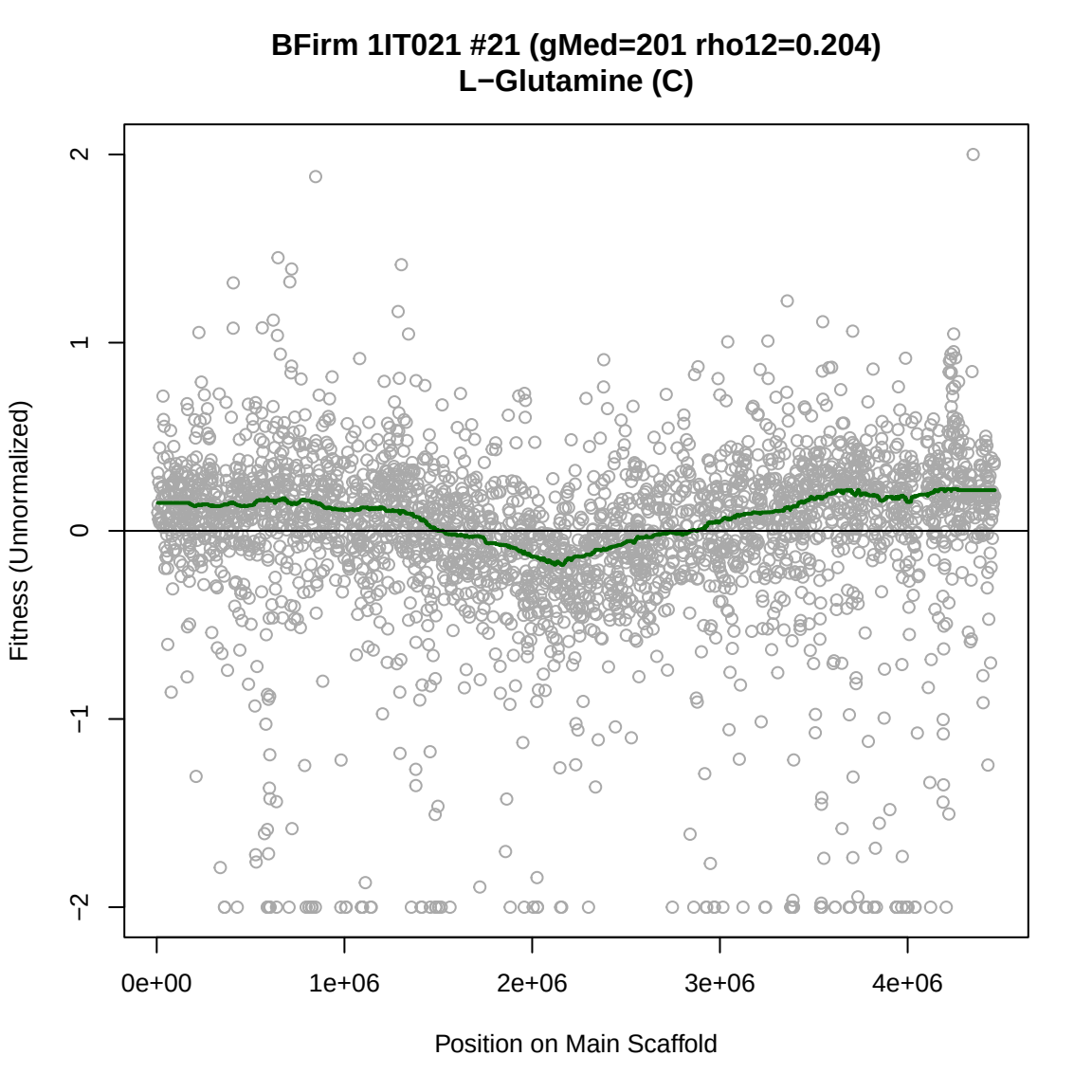

BFirm 1IT016 #16 (gMed=259 rho12=0.182)
D−Sorbitol (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

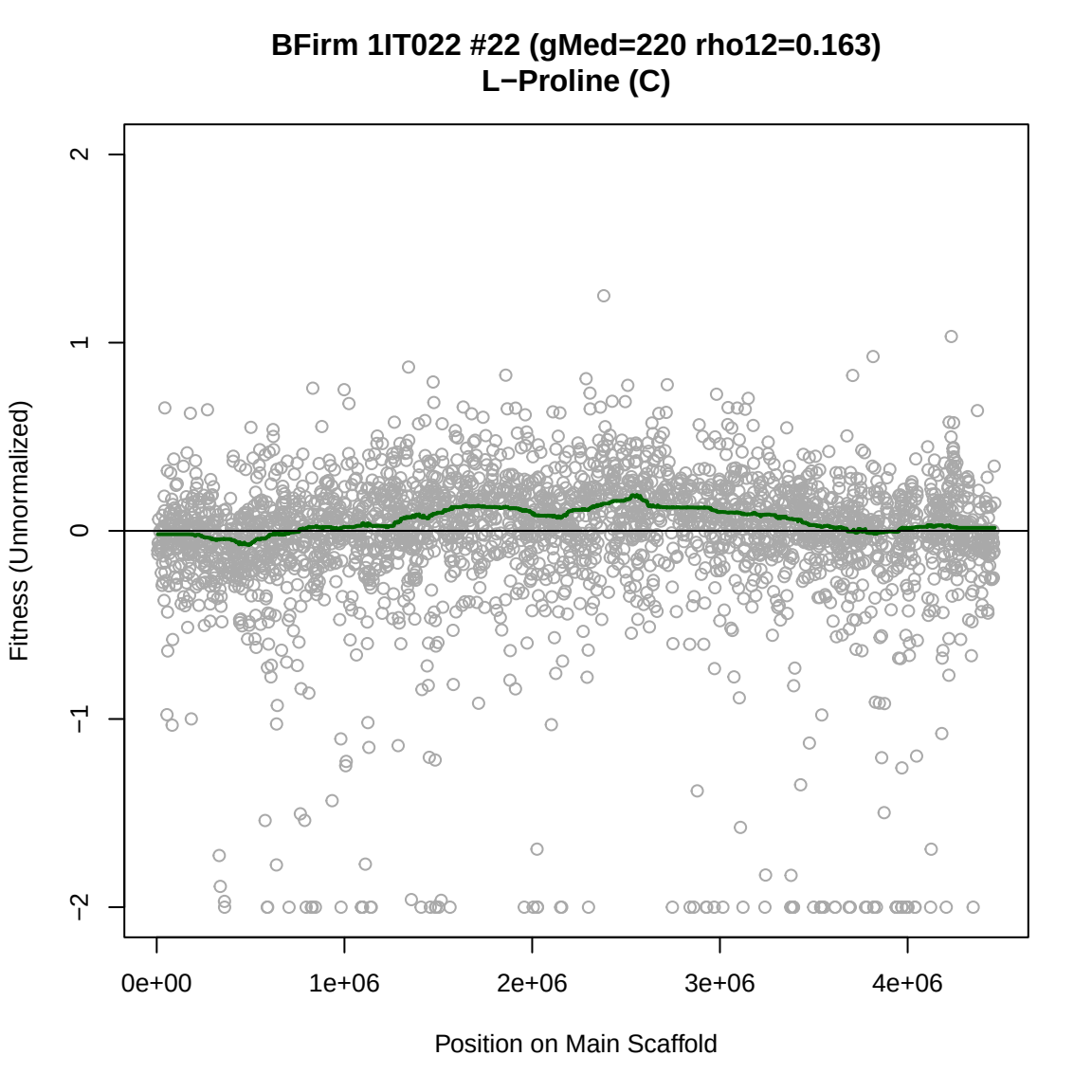

BFirm 1IT017 #17 (gMed=168 rho12=0.163)
Tween 20 (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

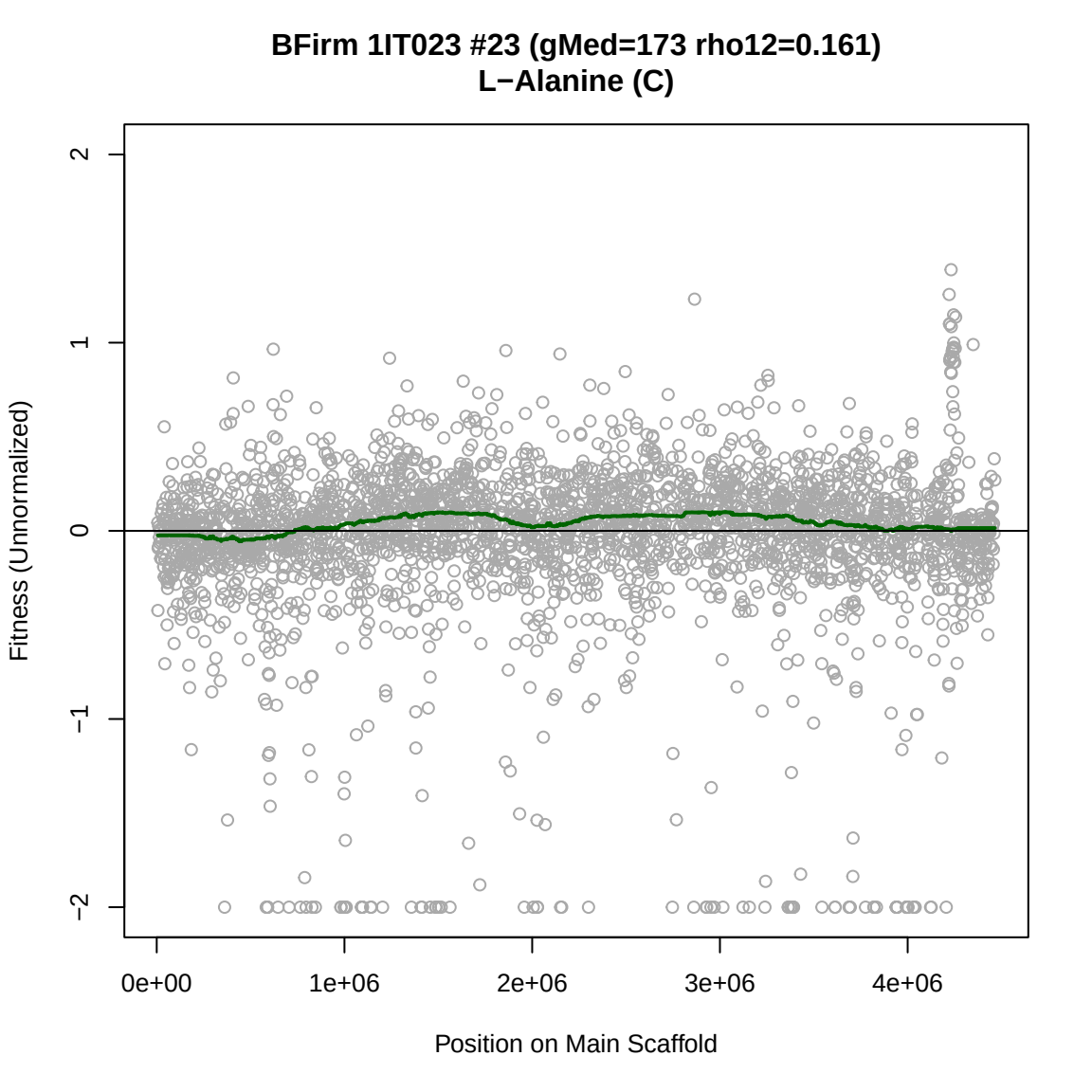

BFirm 1IT018 #18 (gMed=223 rho12=0.181)
L−Malic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

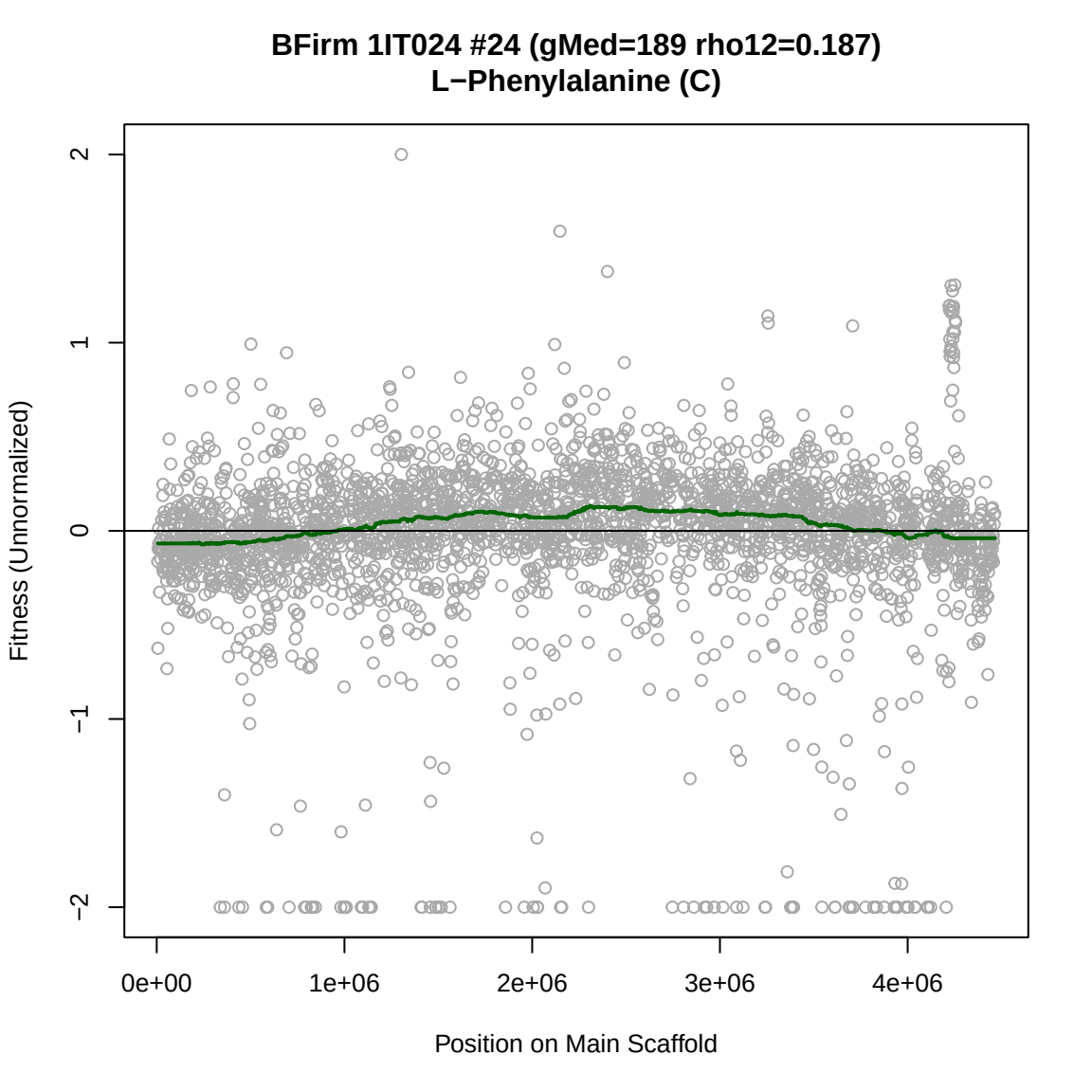

BFirm 1IT019 #19 (gMed=240 rho12=0.194)
L−Histidine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

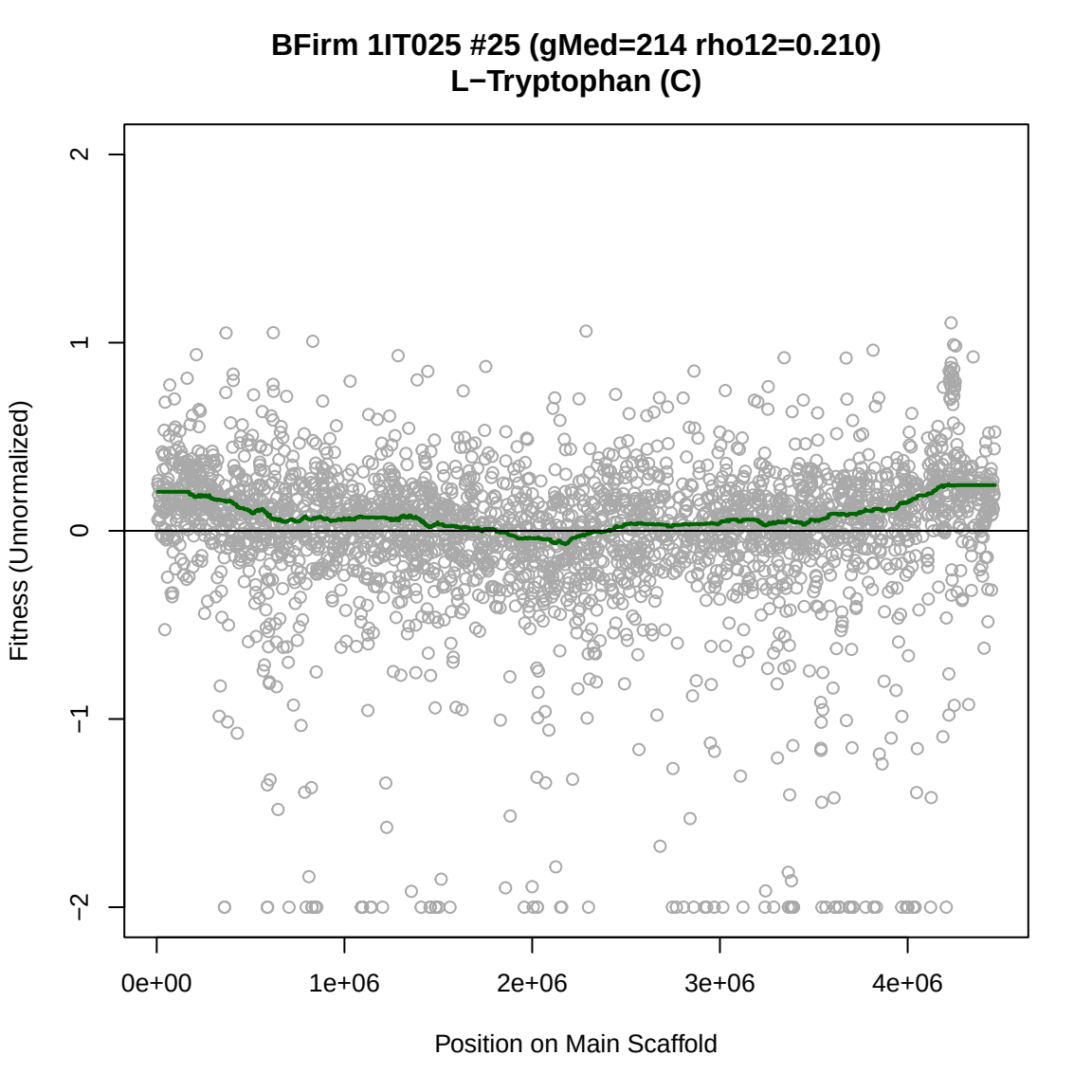

BFirm 1IT020 #20 (gMed=222 rho12=0.217)
L−Asparagine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

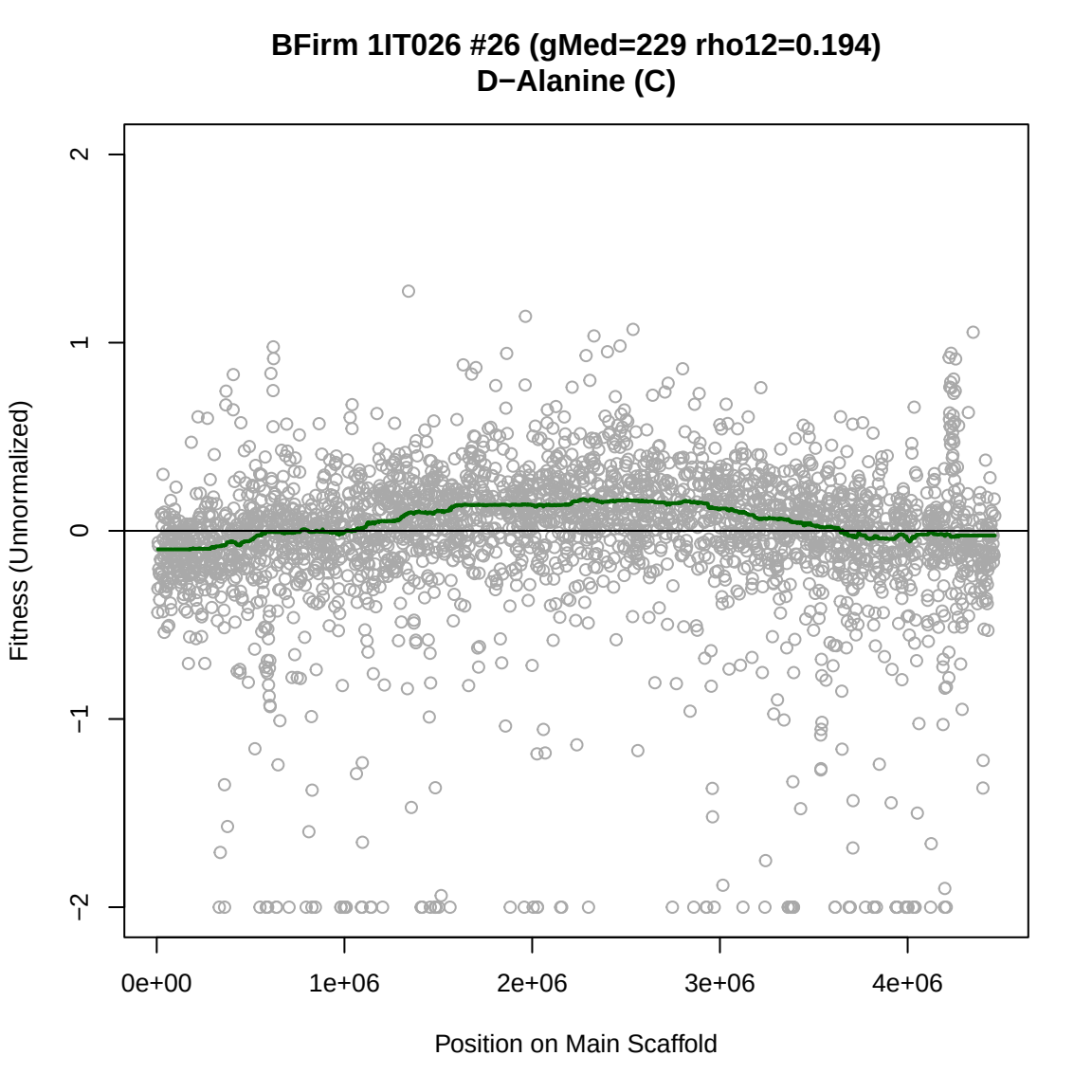

BFirm 1IT021 #21 (gMed=201 rho12=0.204)
L−Glutamine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

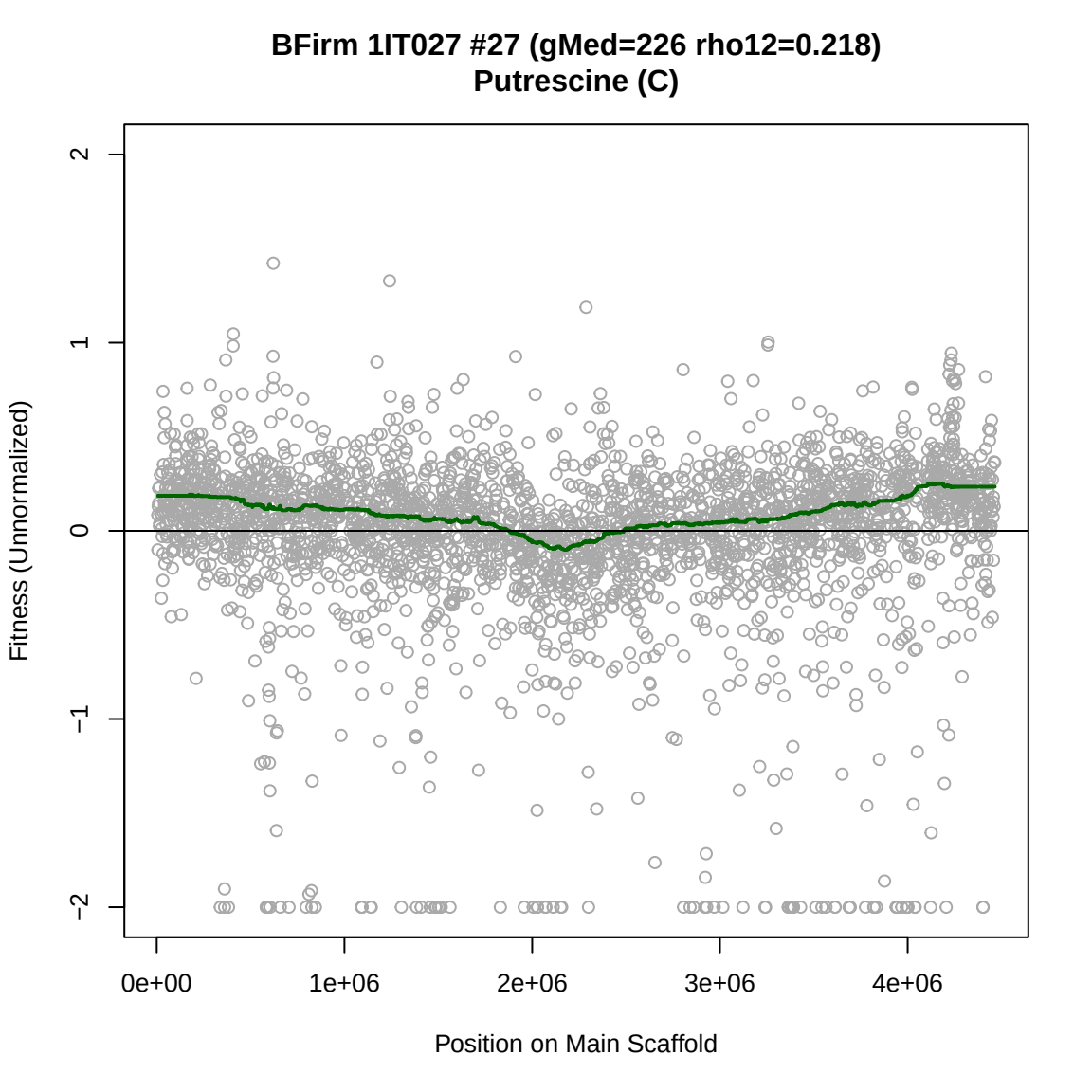

BFirm 1IT022 #22 (gMed=220 rho12=0.163)
L−Proline (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

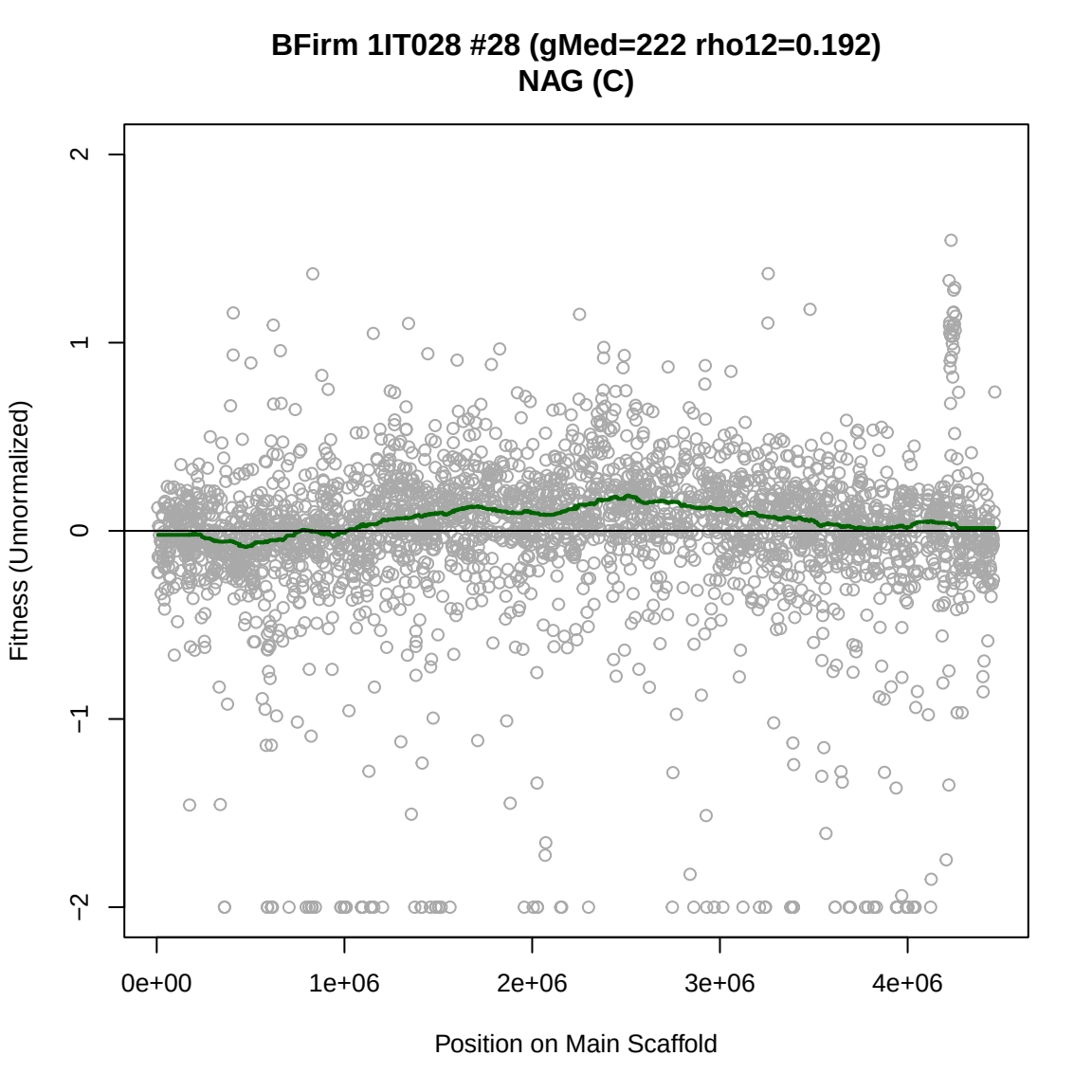

BFirm 1IT023 #23 (gMed=173 rho12=0.161)
L−Alanine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

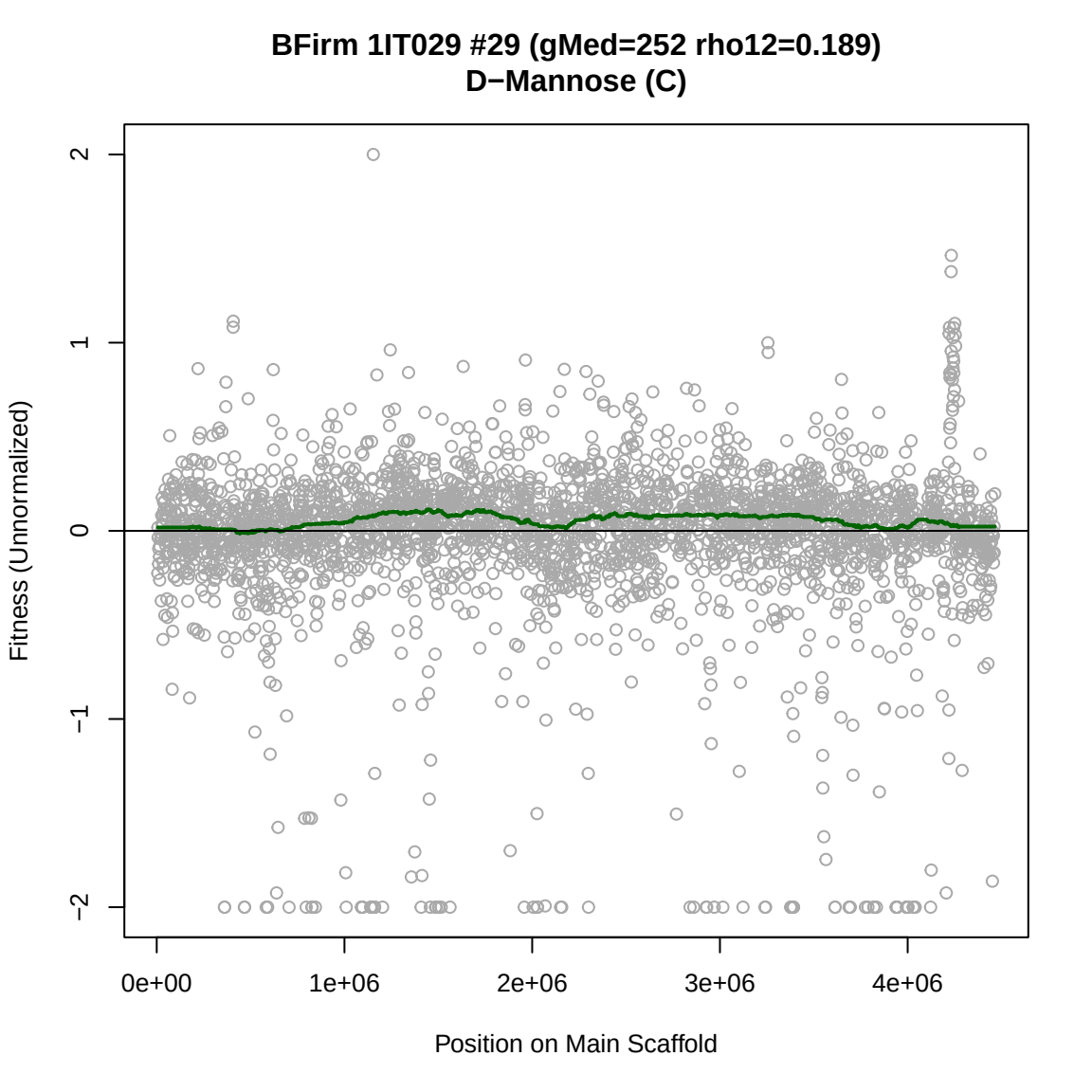

BFirm 1IT024 #24 (gMed=189 rho12=0.187)
L−Phenylalanine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

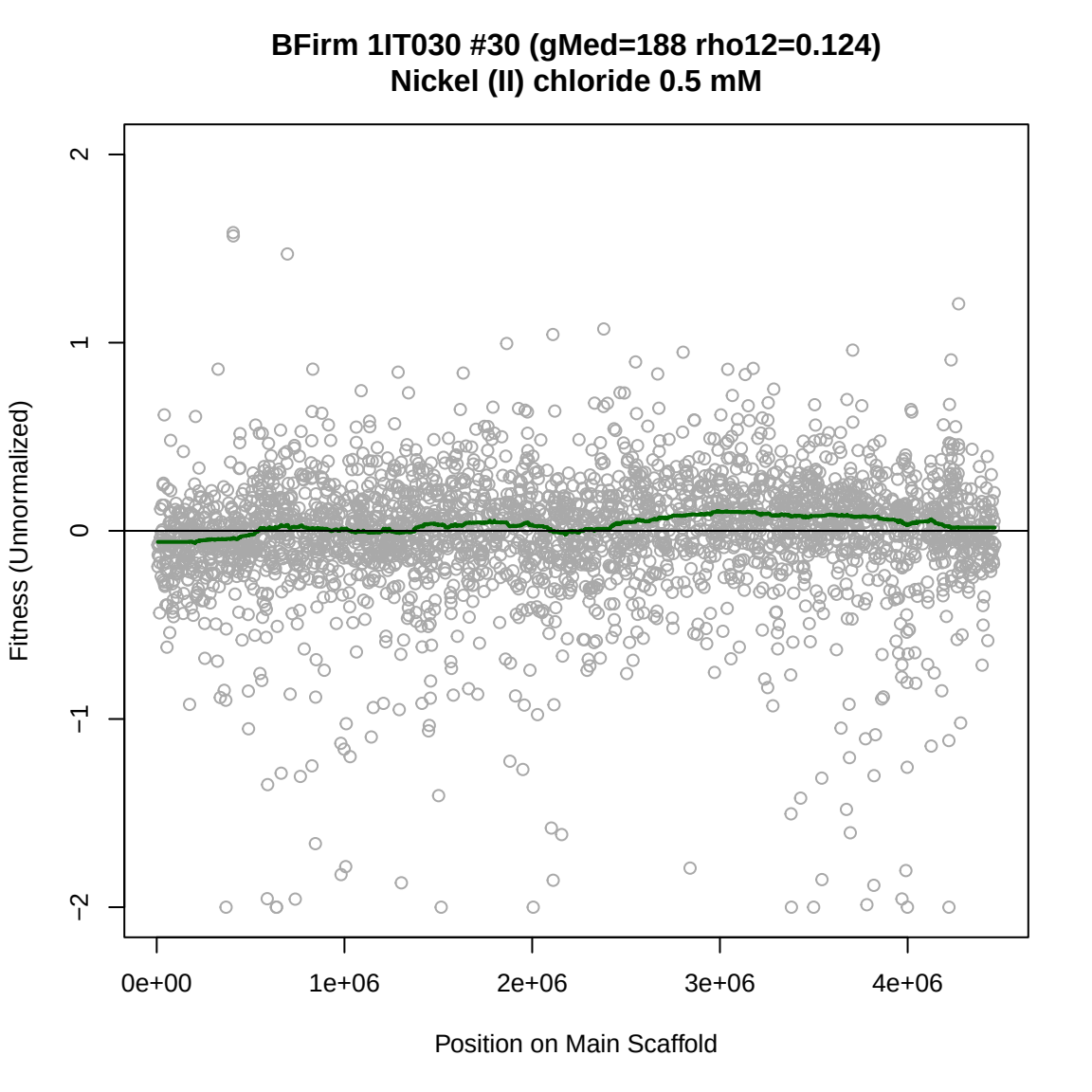

BFirm 1IT025 #25 (gMed=214 rho12=0.210)
L−Tryptophan (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

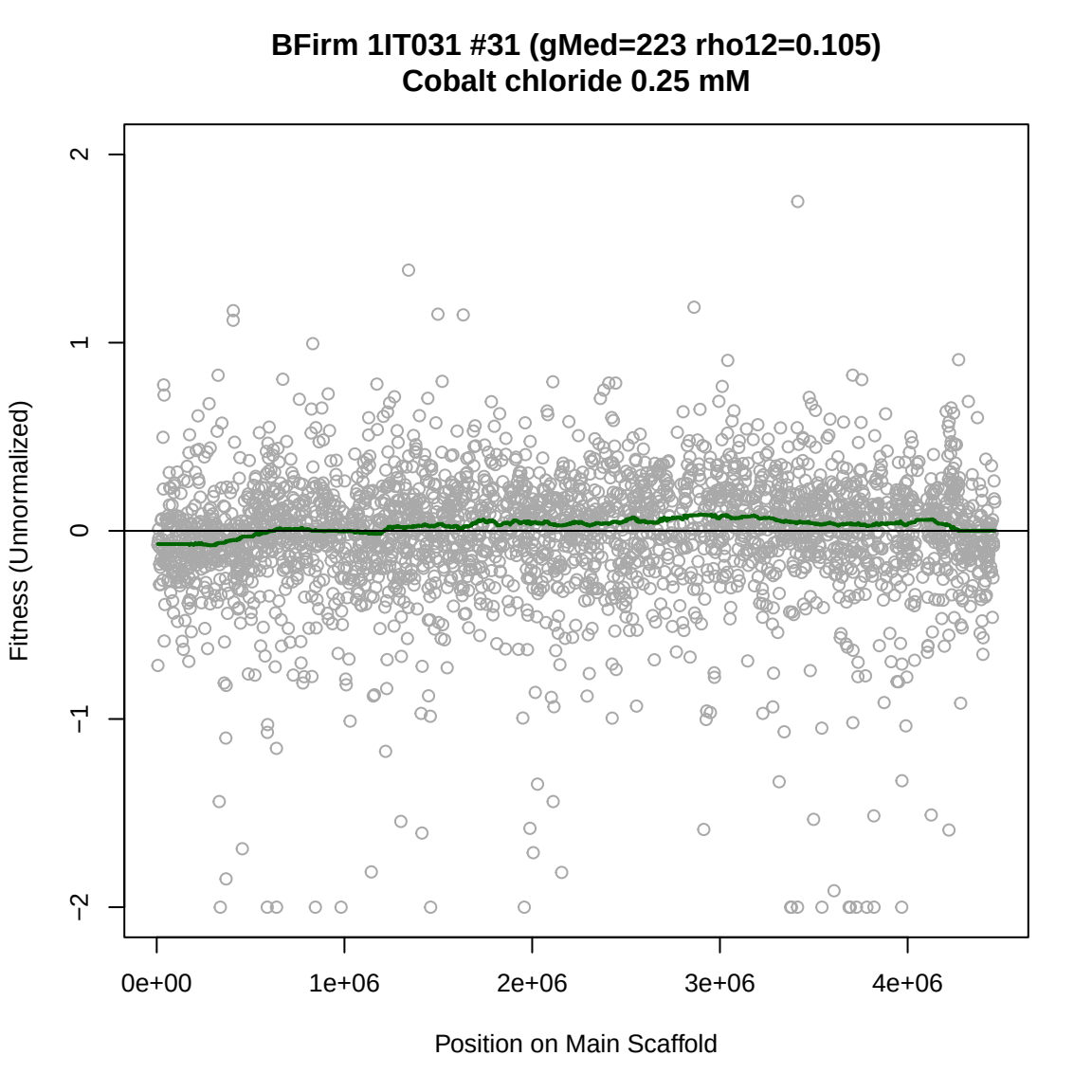

BFirm 1IT026 #26 (gMed=229 rho12=0.194)
D−Alanine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

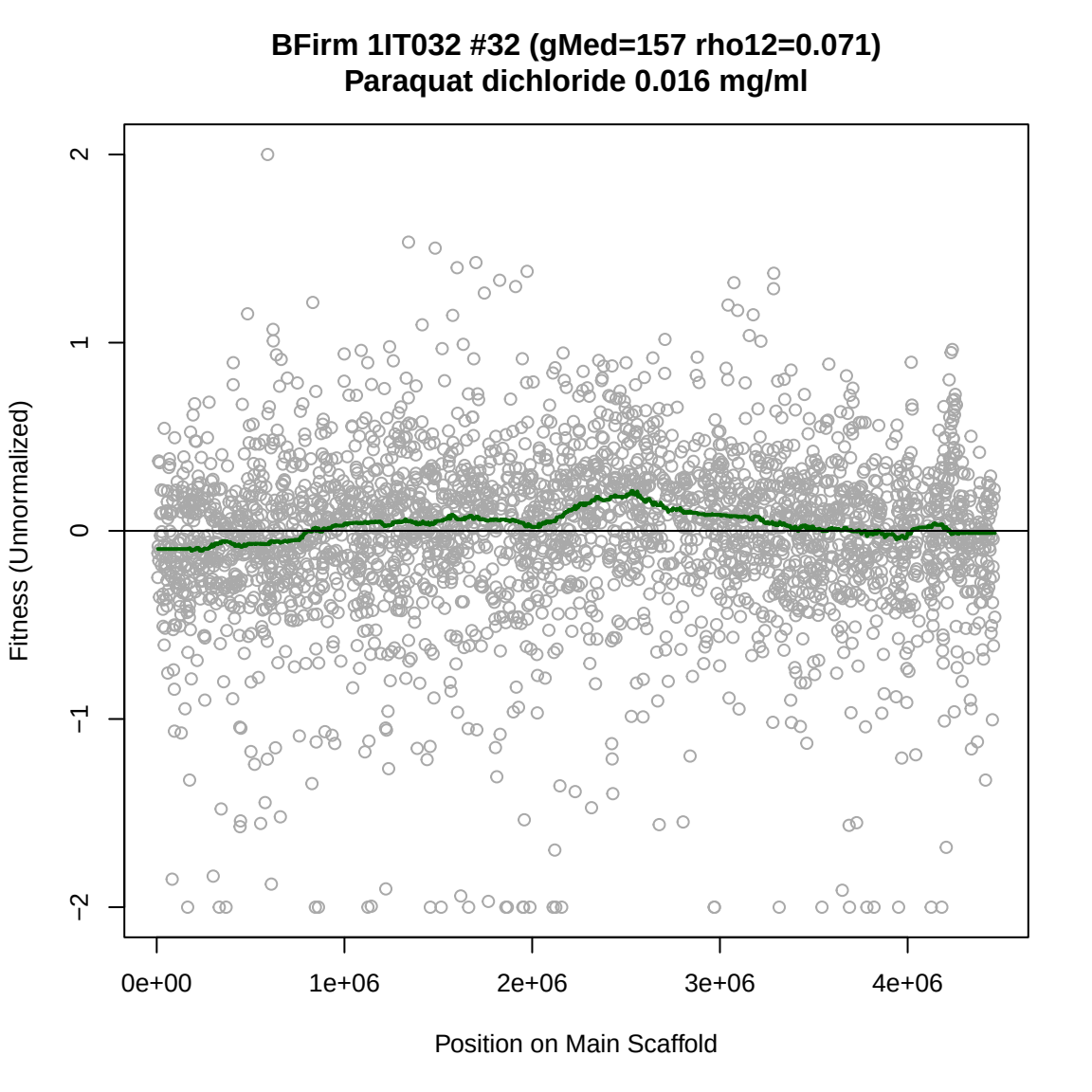

BFirm 1IT027 #27 (gMed=226 rho12=0.218)
Putrescine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

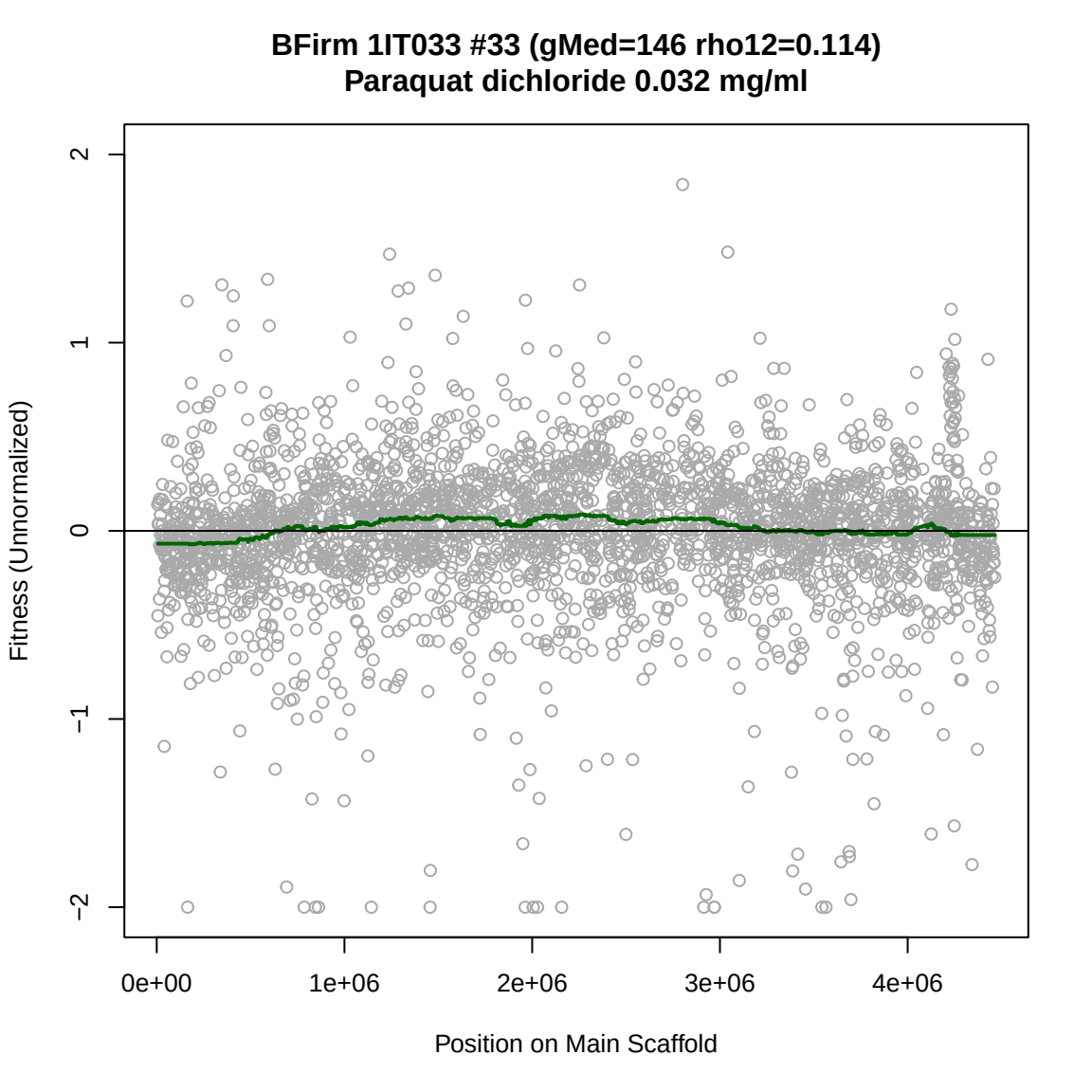

BFirm 1IT028 #28 (gMed=222 rho12=0.192)
NAG (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

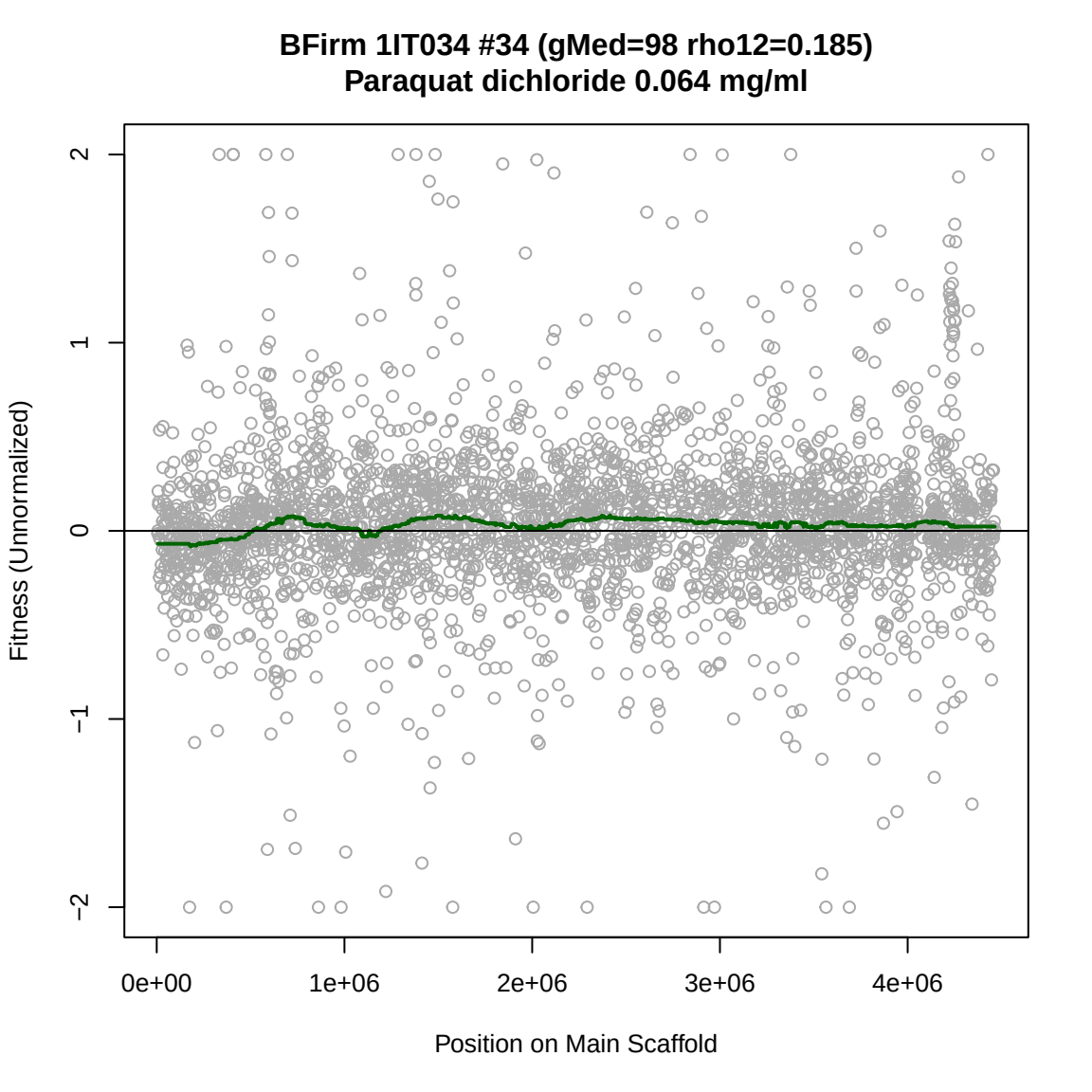

BFirm 1IT029 #29 (gMed=252 rho12=0.189)
D−Mannose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

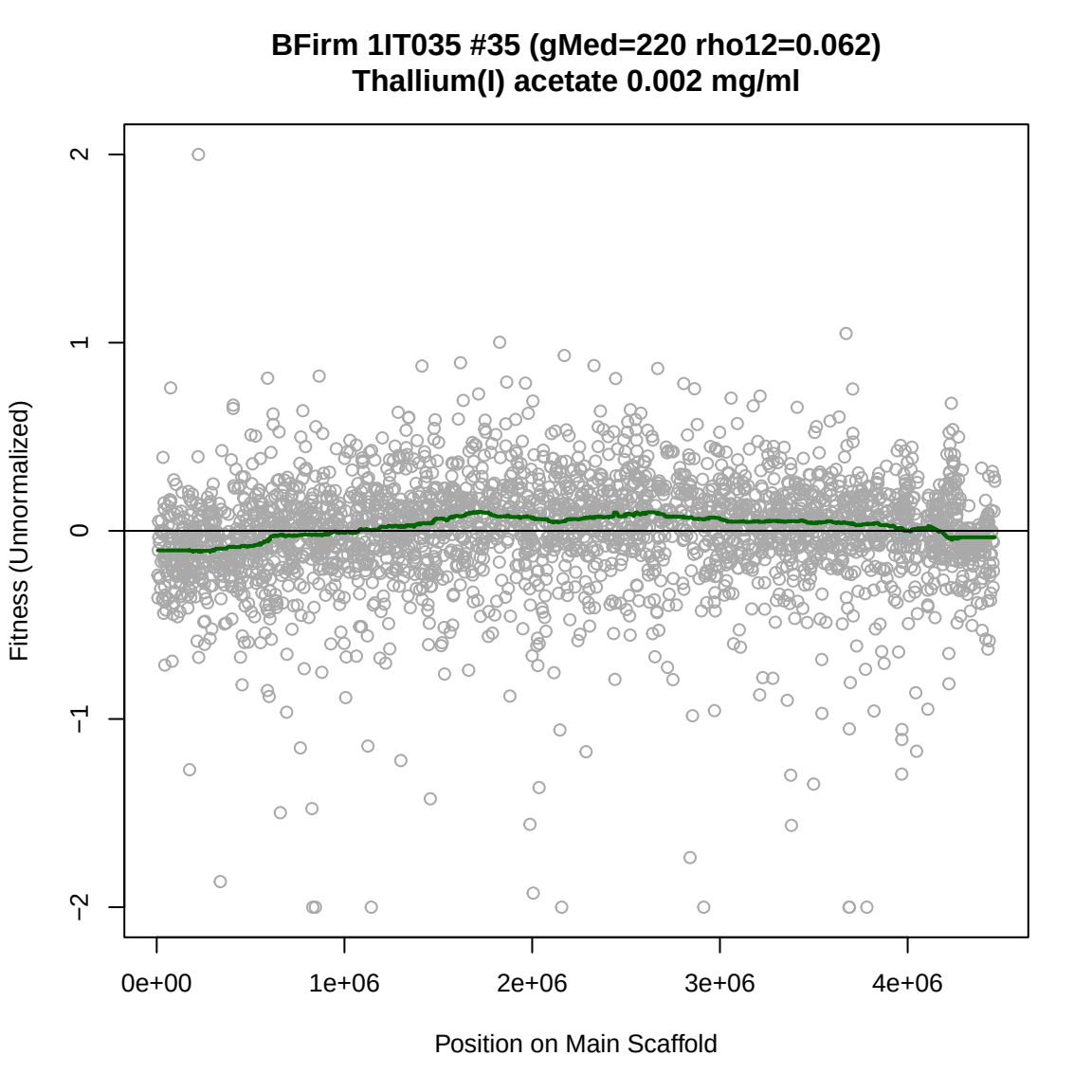

BFirm 1IT030 #30 (gMed=188 rho12=0.124)
Nickel (II) chloride 0.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

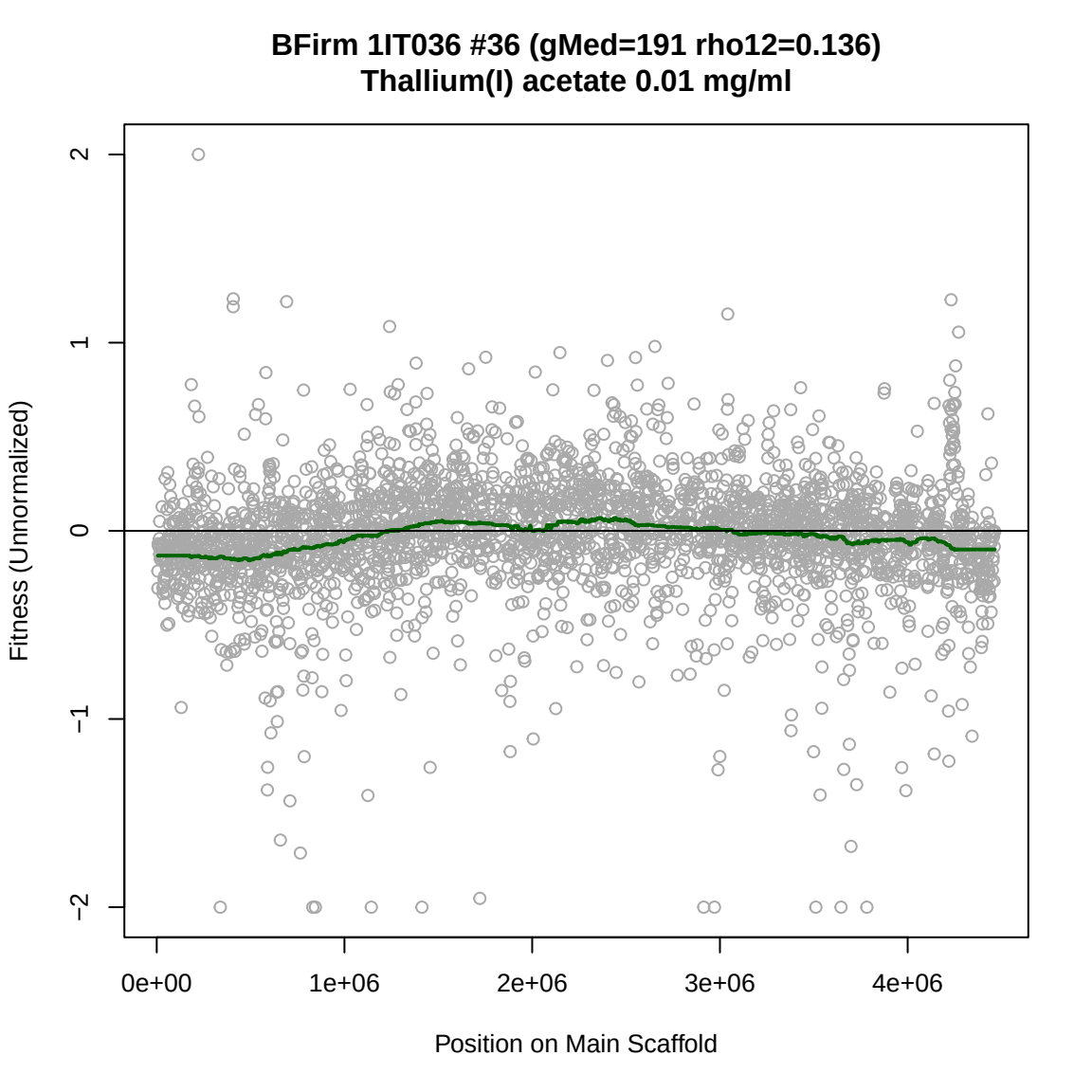

BFirm 1IT031 #31 (gMed=223 rho12=0.105)
Cobalt chloride 0.25 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

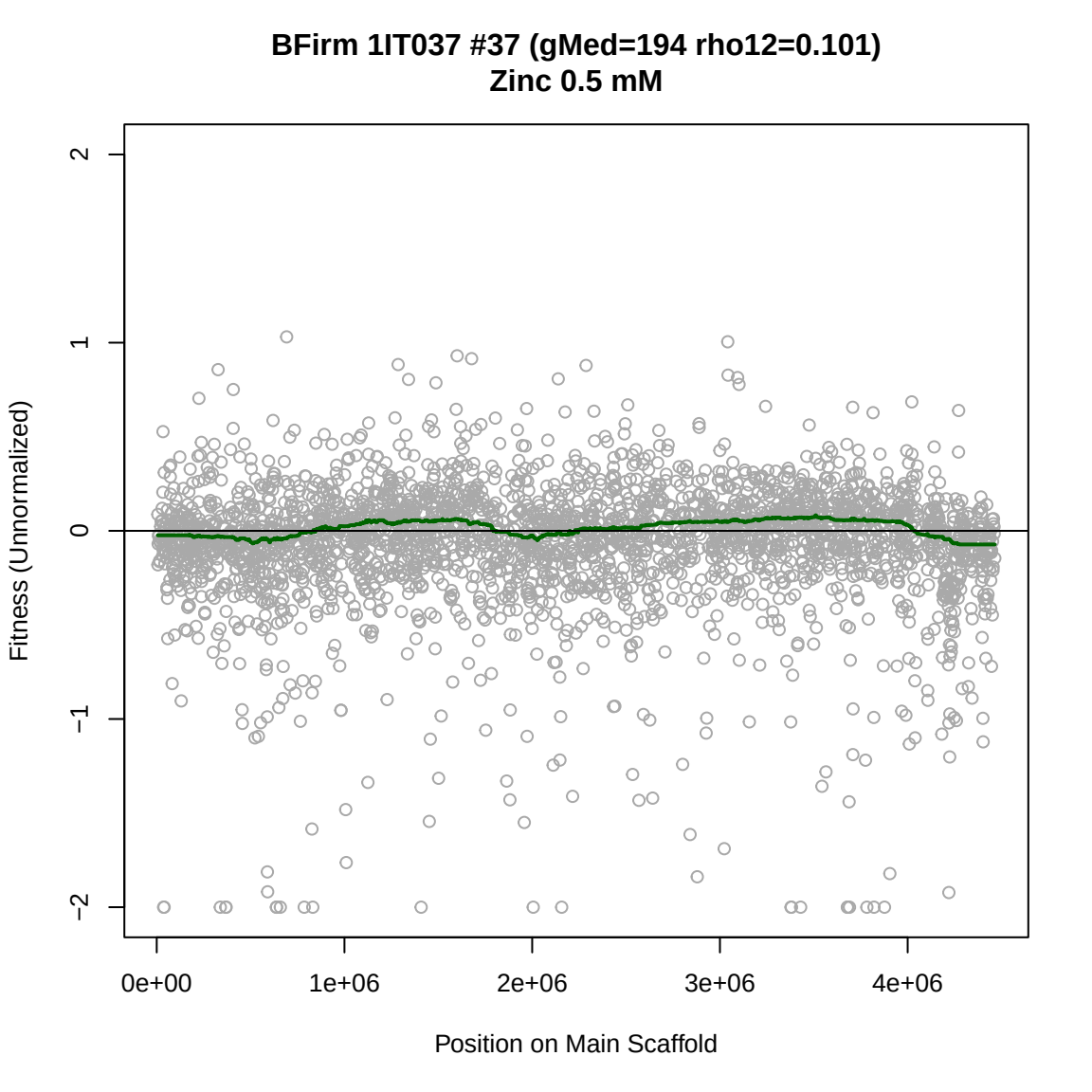

BFirm 1IT032 #32 (gMed=157 rho12=0.071)
Paraquat dichloride 0.016 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

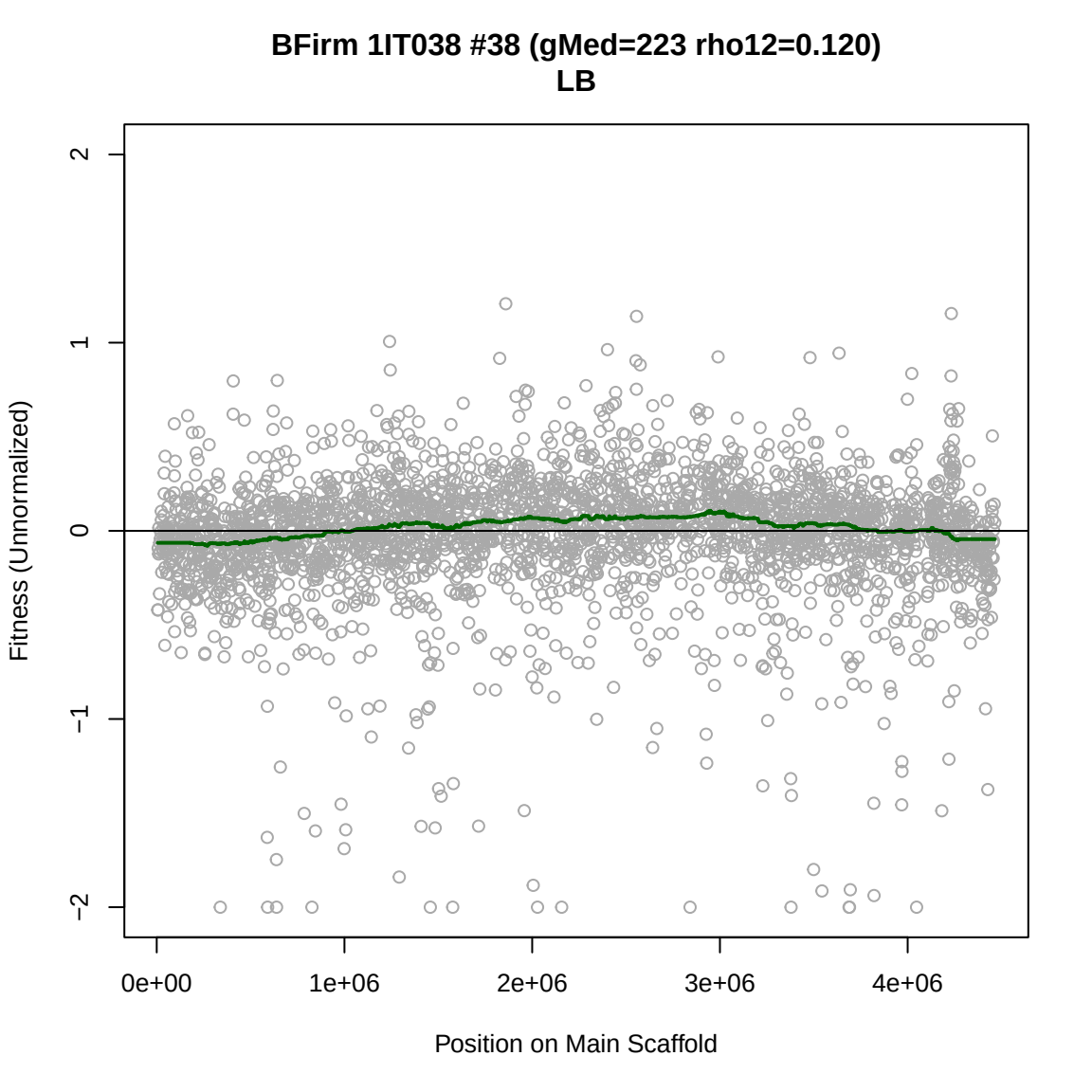

BFirm 1IT033 #33 (gMed=146 rho12=0.114)
Paraquat dichloride 0.032 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

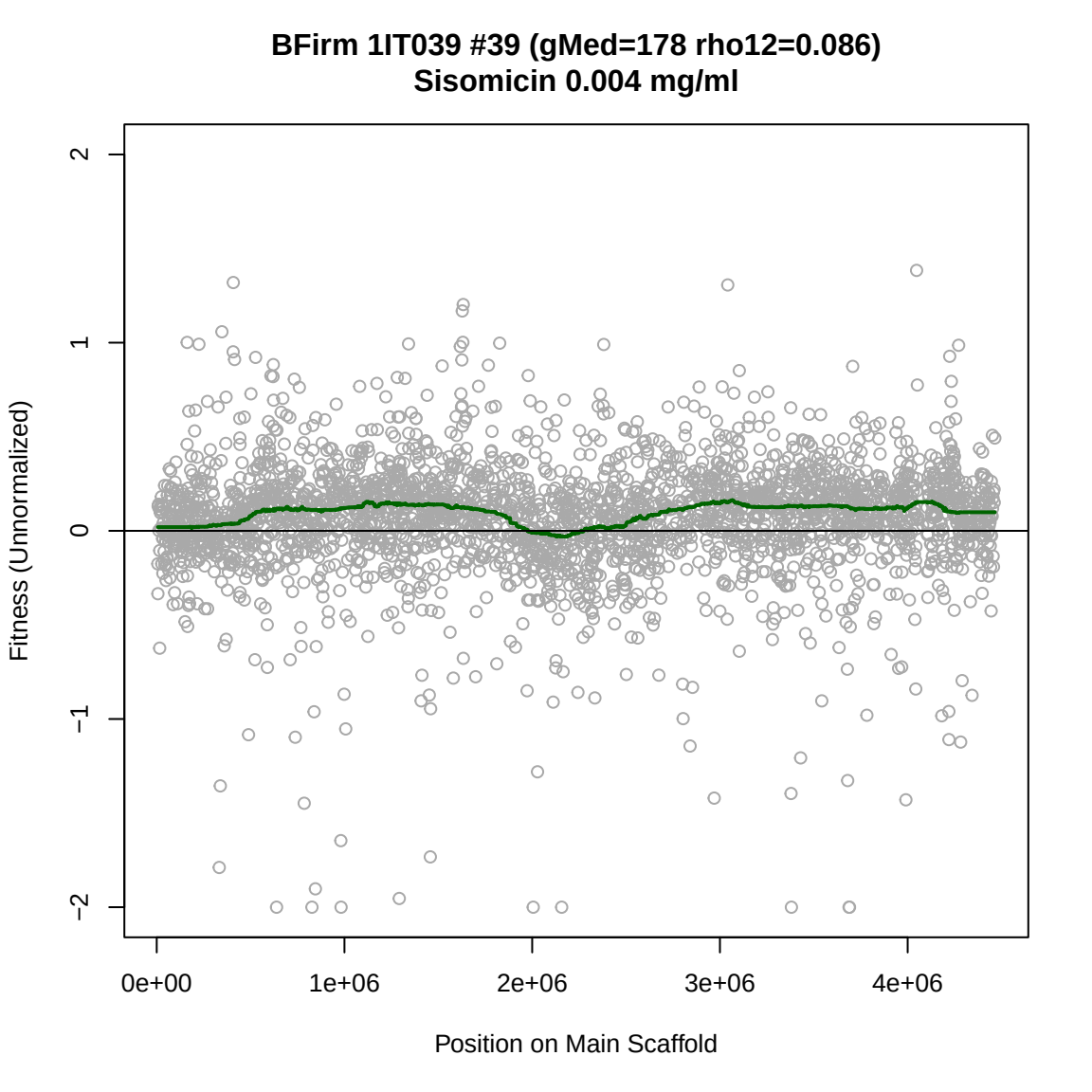

BFirm 1IT034 #34 (gMed=98 rho12=0.185)
Paraquat dichloride 0.064 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

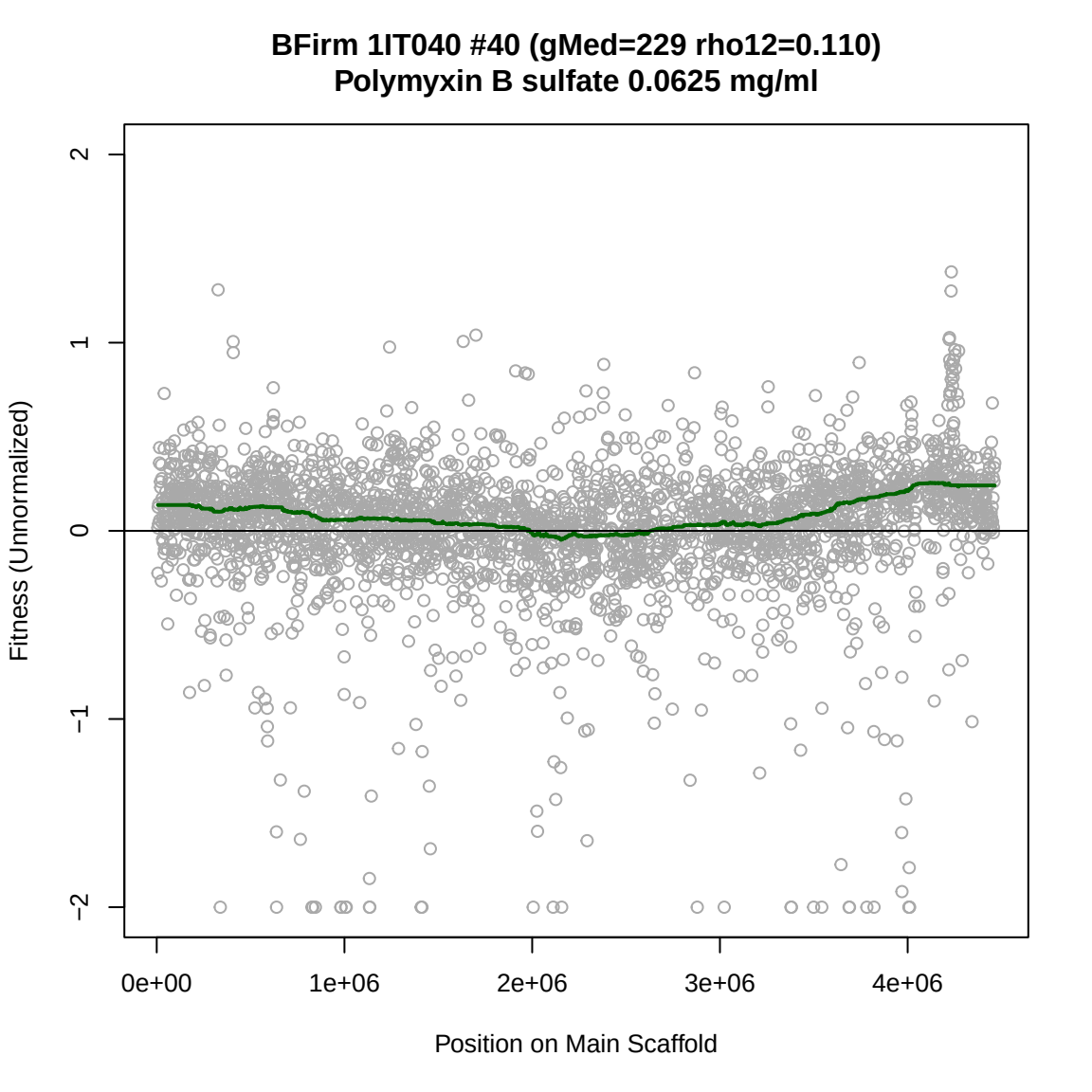

BFirm 1IT035 #35 (gMed=220 rho12=0.062)
Thallium(I) acetate 0.002 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

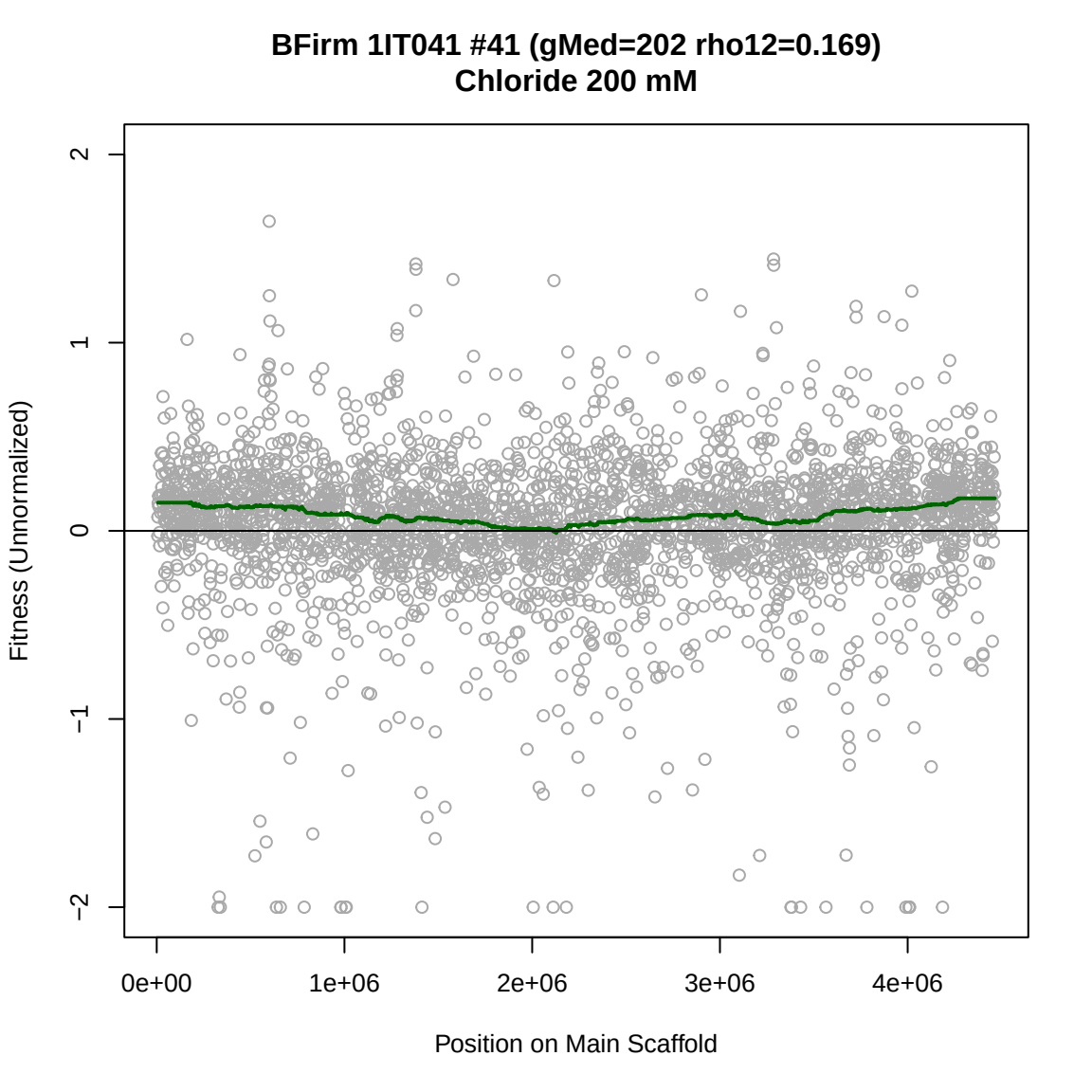

BFirm 1IT036 #36 (gMed=191 rho12=0.136)
Thallium(I) acetate 0.01 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

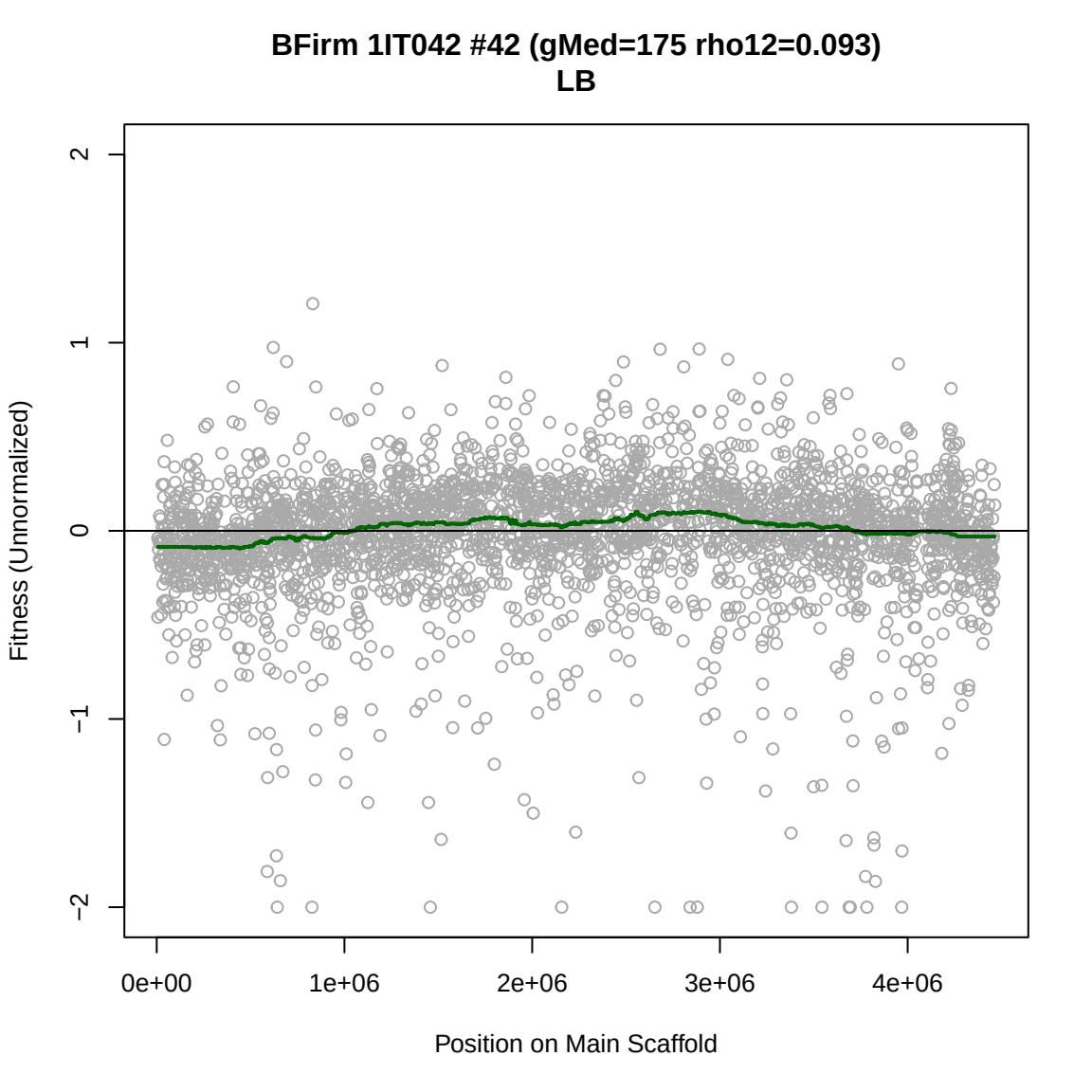

BFirm 1IT037 #37 (gMed=194 rho12=0.101)
Zinc 0.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

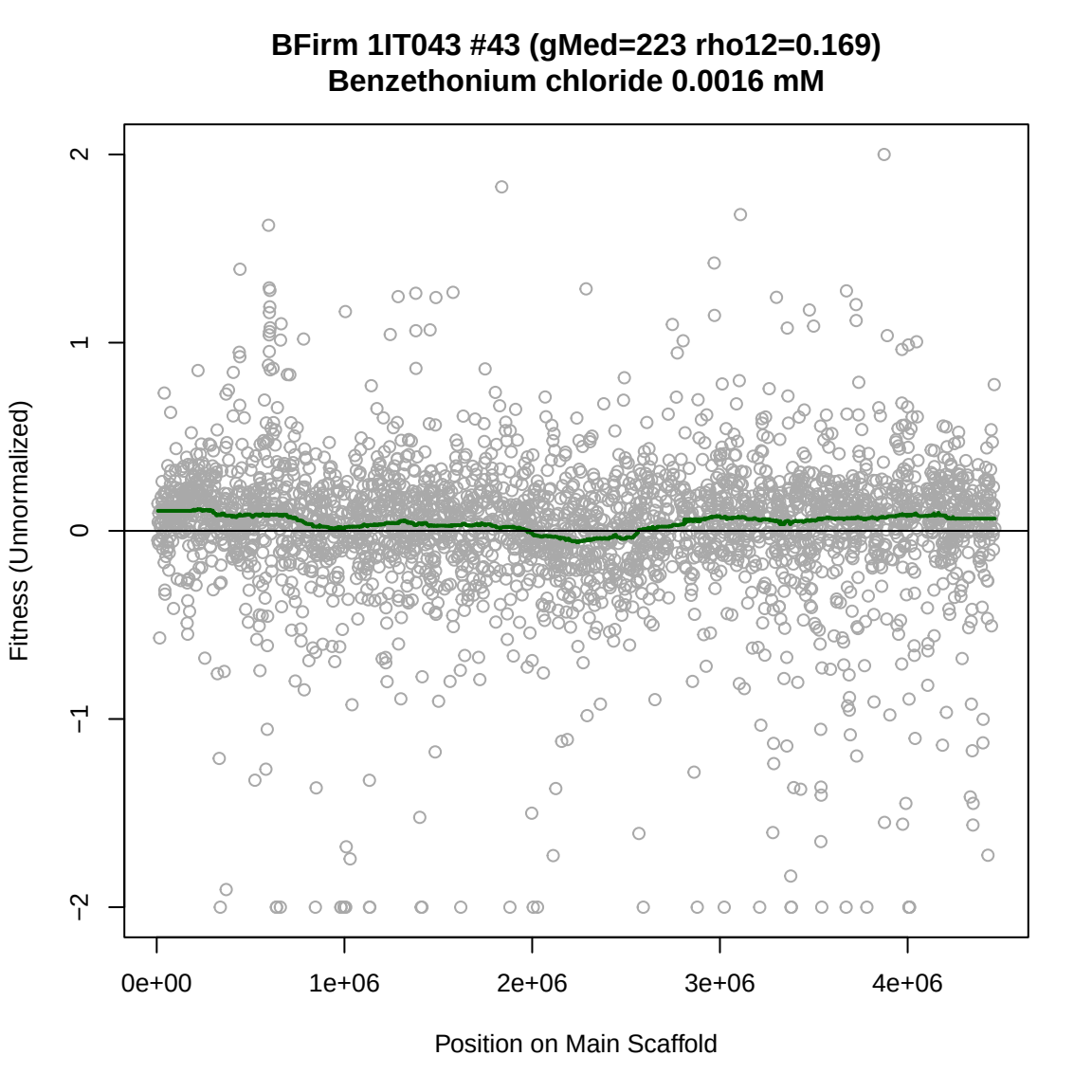

BFirm 1IT038 #38 (gMed=223 rho12=0.120)
LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

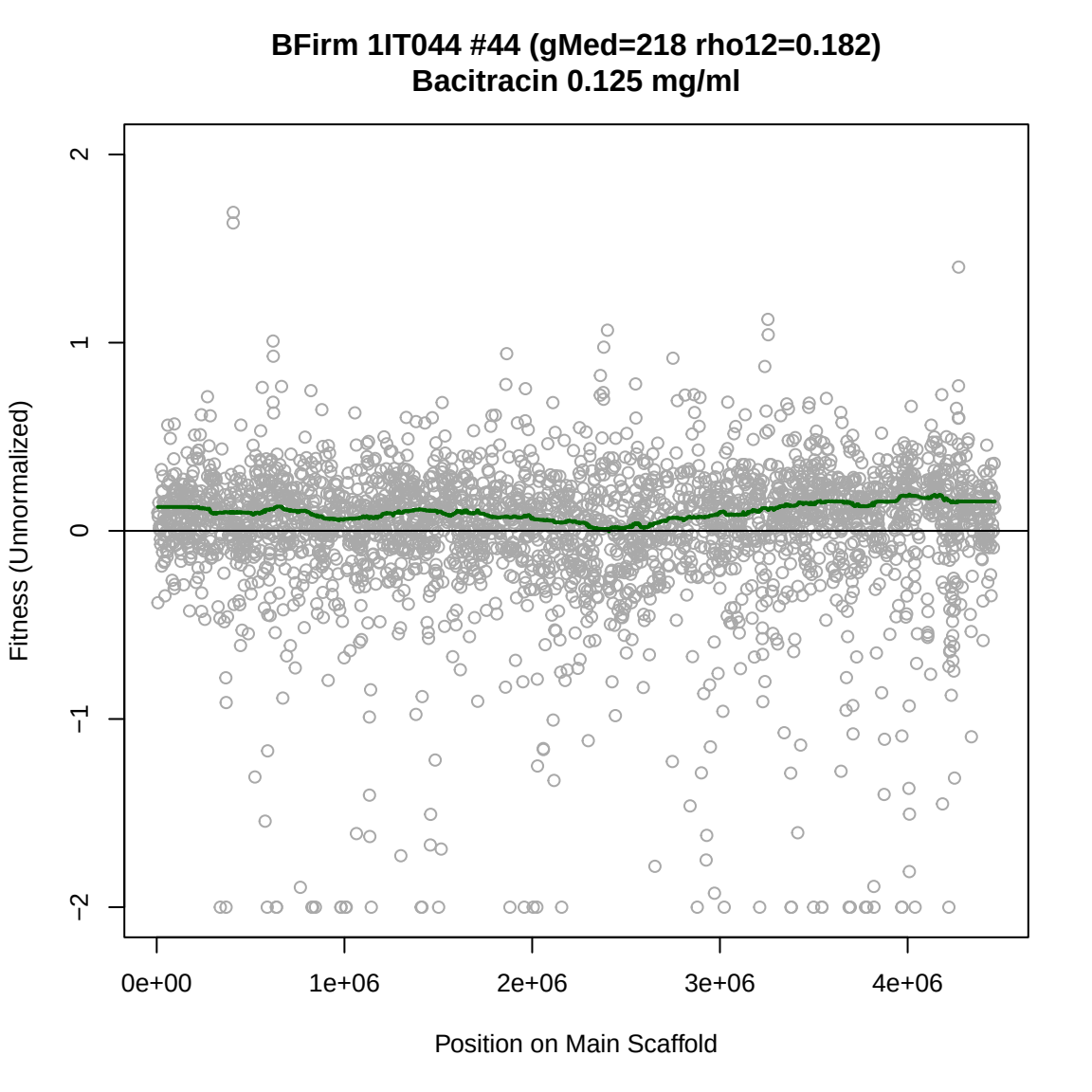

BFirm 1IT039 #39 (gMed=178 rho12=0.086)
Sisomicin 0.004 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

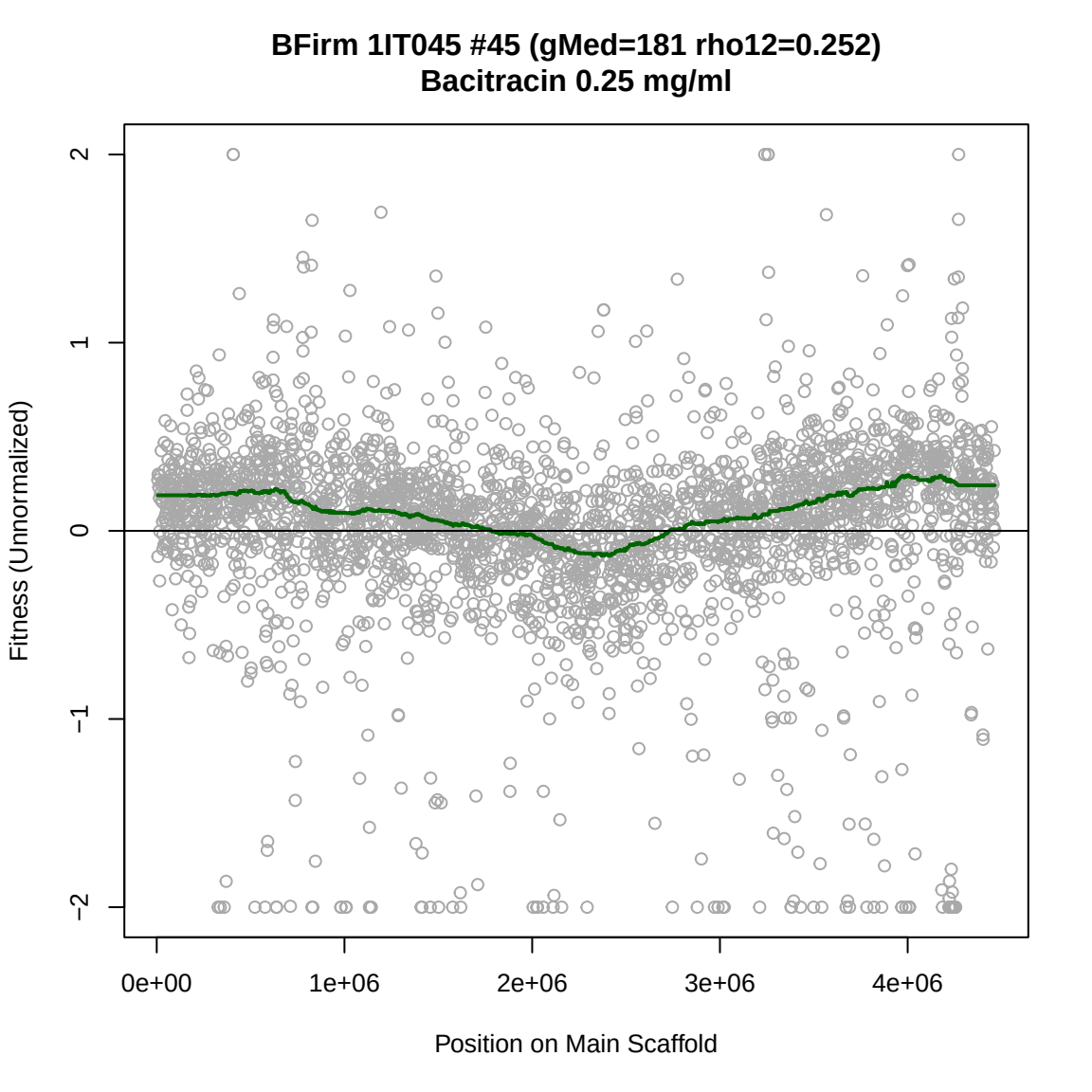

BFirm 1IT040 #40 (gMed=229 rho12=0.110)
Polymyxin B sulfate 0.0625 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

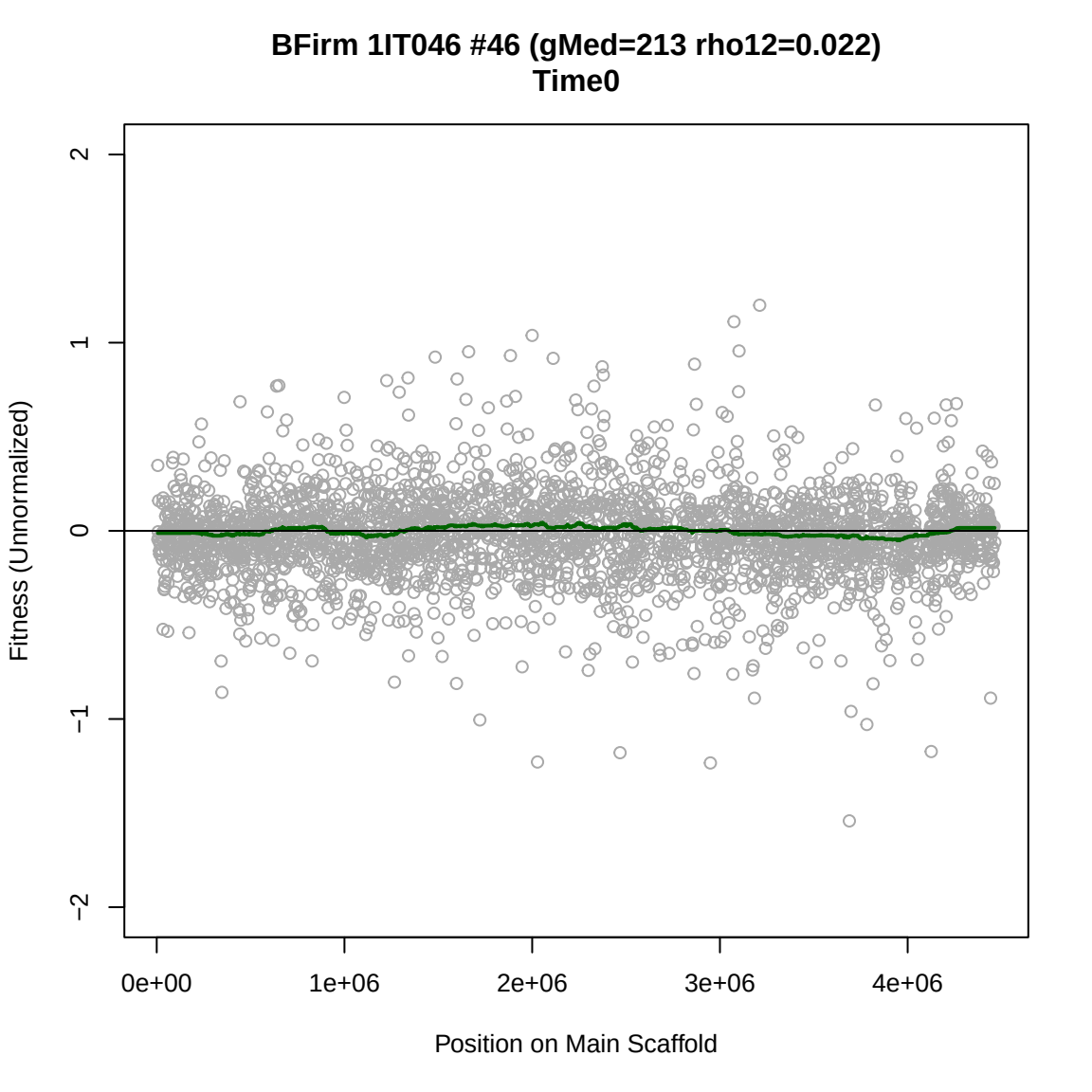

BFirm 1IT041 #41 (gMed=202 rho12=0.169)
Chloride 200 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

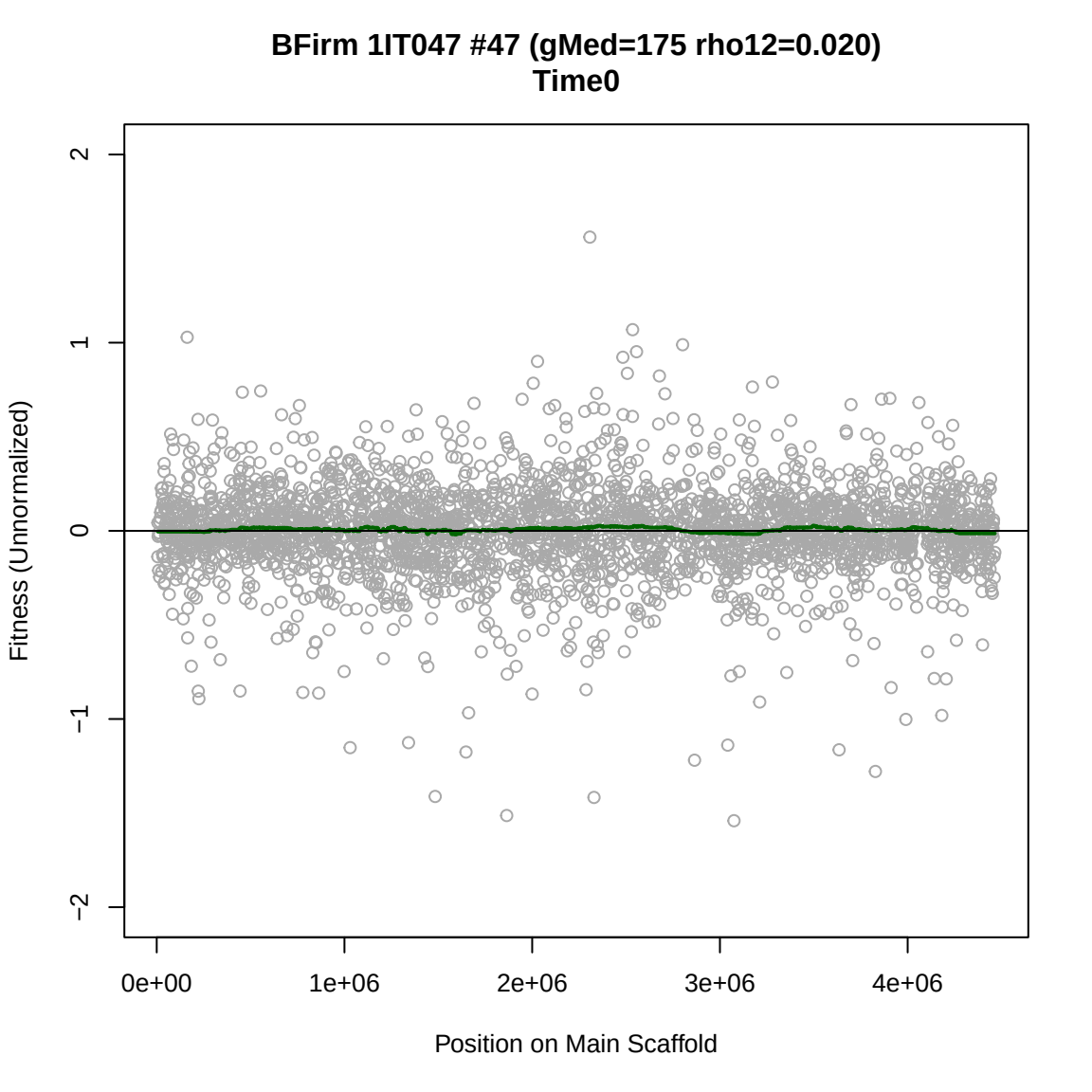

BFirm 1IT042 #42 (gMed=175 rho12=0.093)
LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

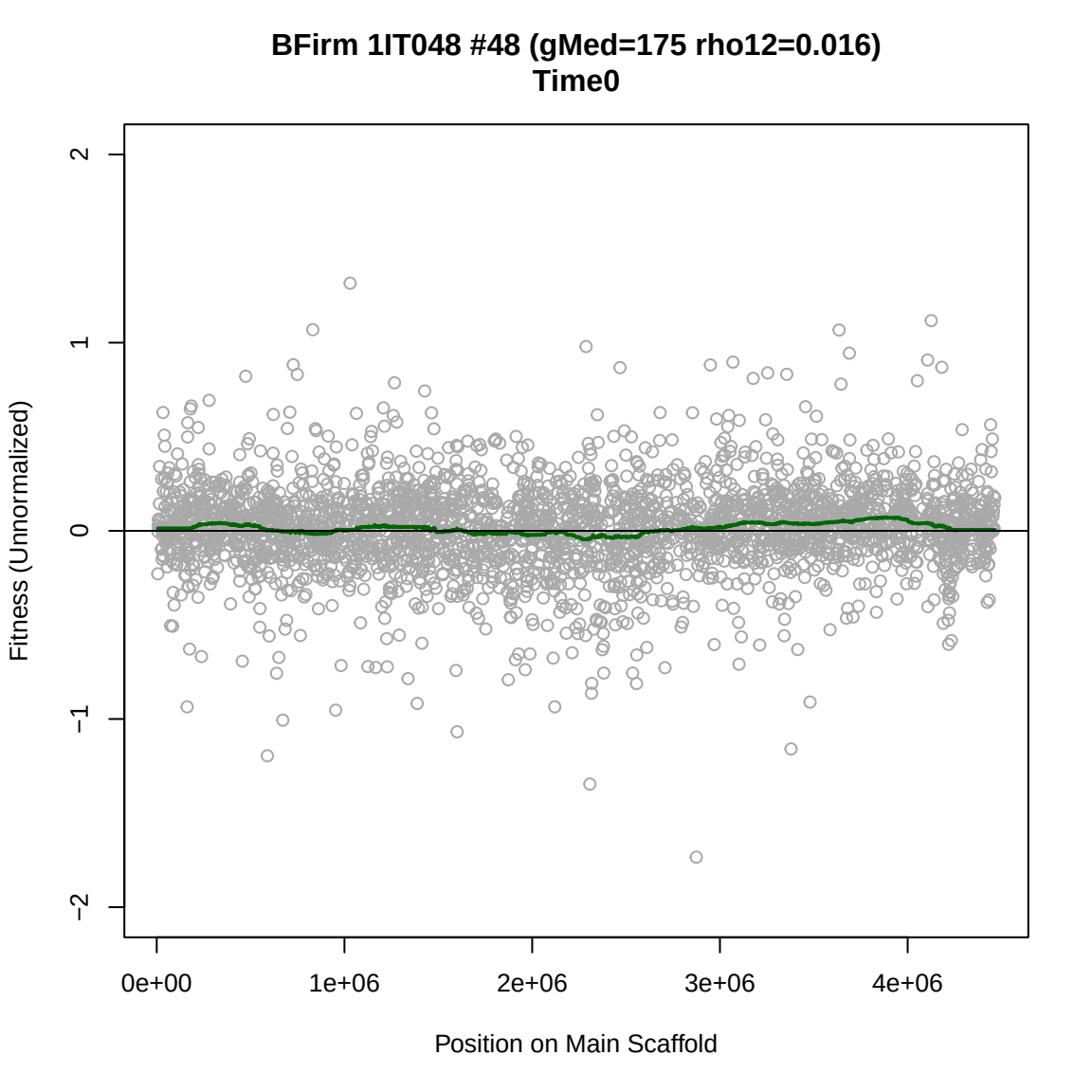

BFirm 1IT043 #43 (gMed=223 rho12=0.169)
Benzethonium chloride 0.0016 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

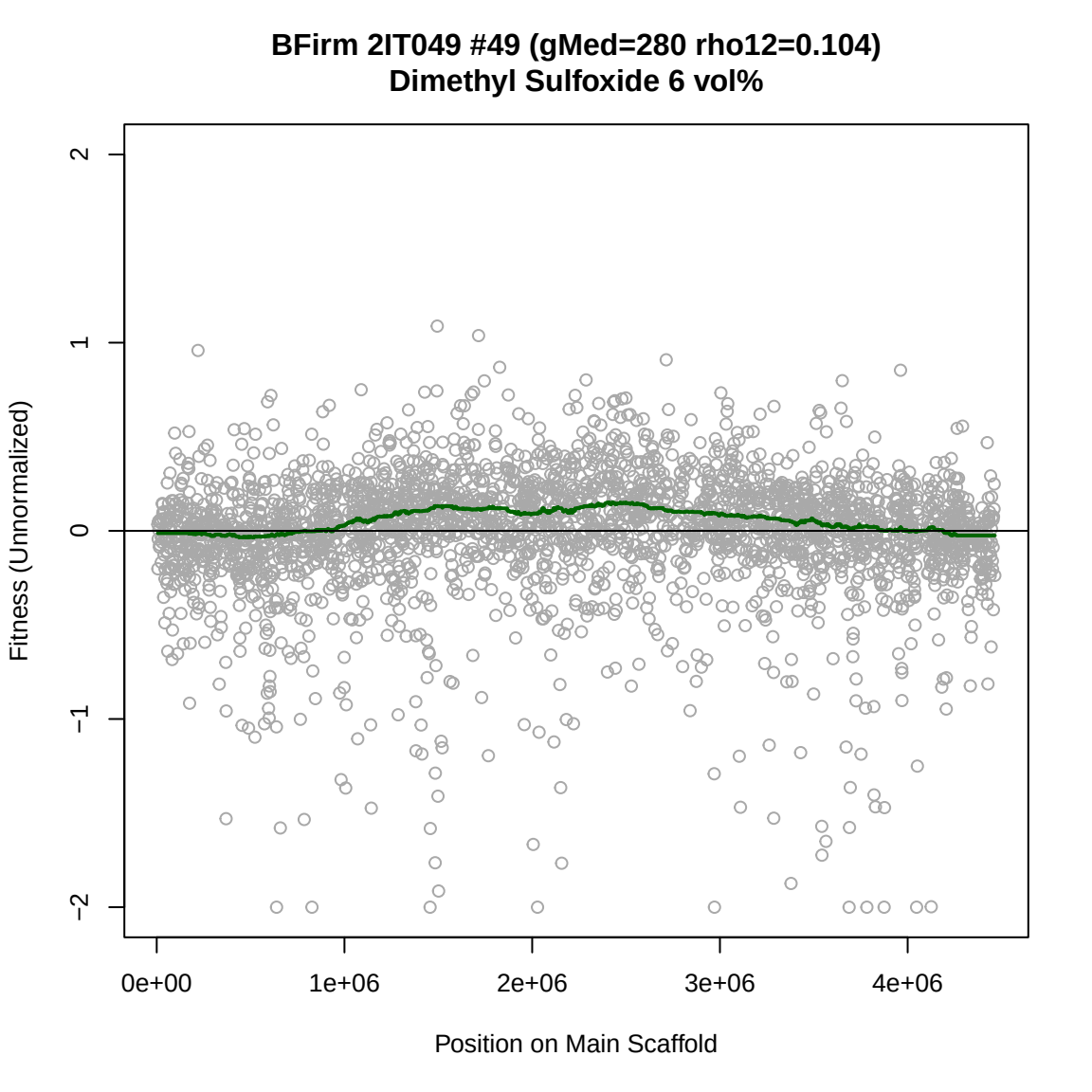

BFirm 1IT044 #44 (gMed=218 rho12=0.182)
Bacitracin 0.125 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

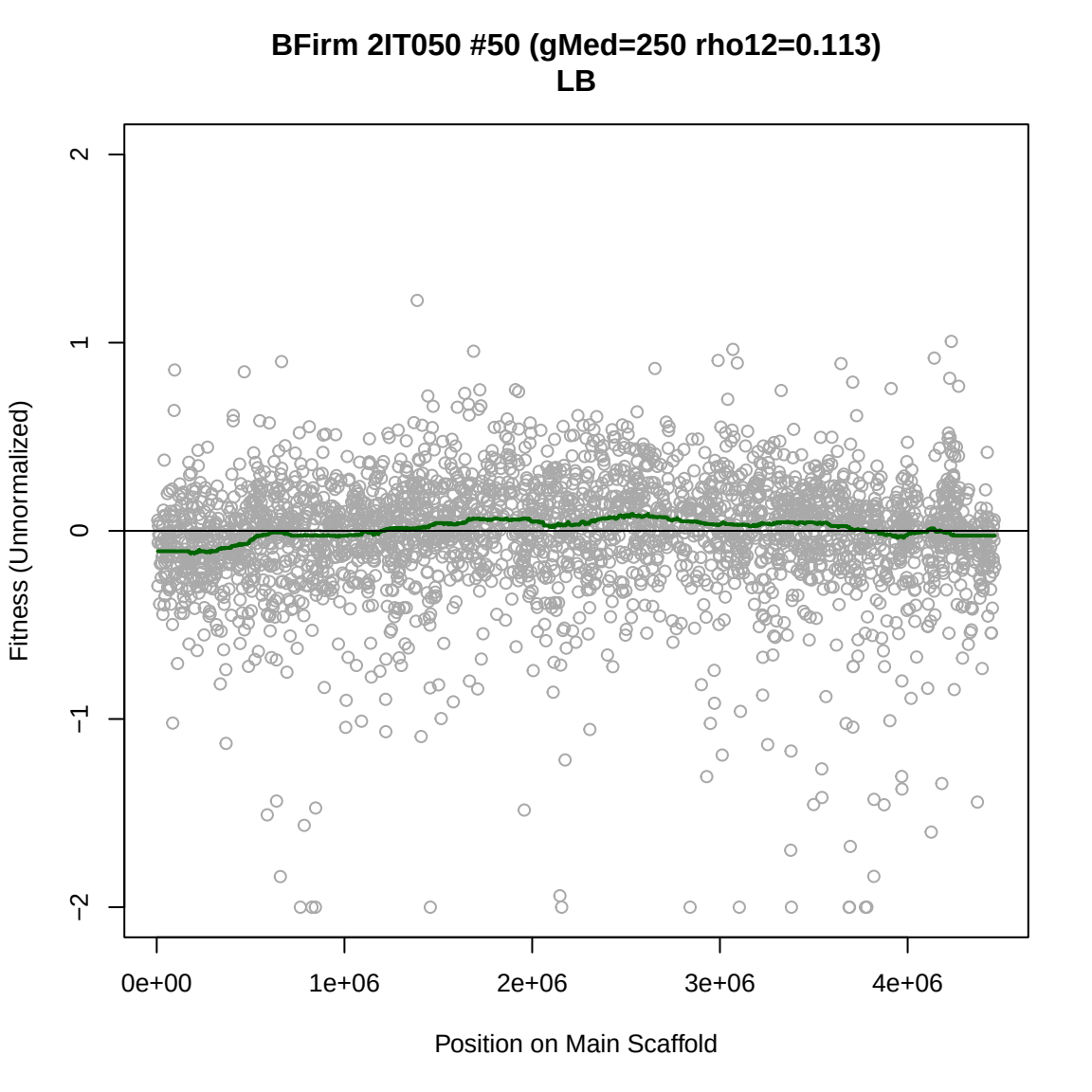

BFirm 1IT045 #45 (gMed=181 rho12=0.252)
Bacitracin 0.25 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

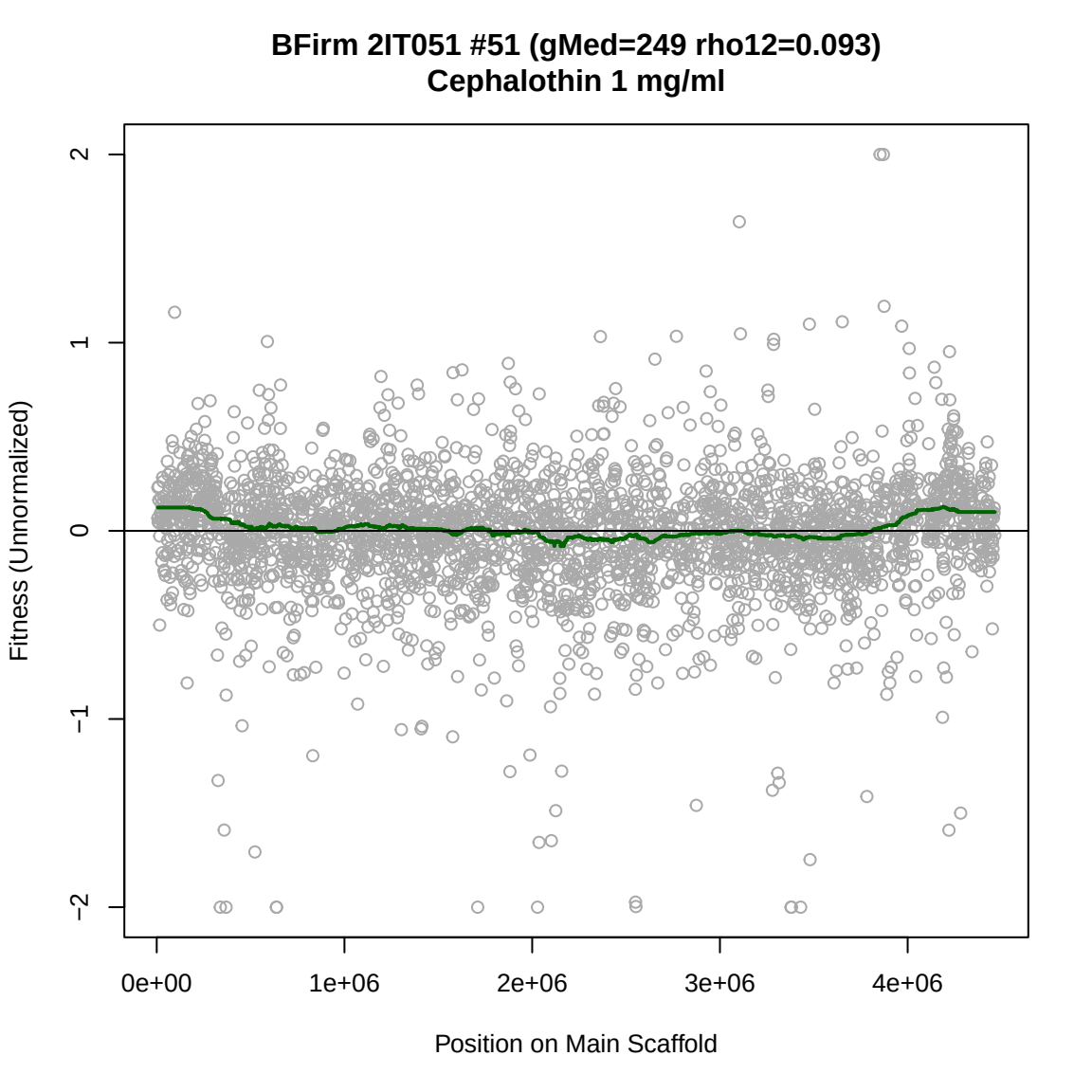

BFirm 1IT046 #46 (gMed=213 rho12=0.022)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

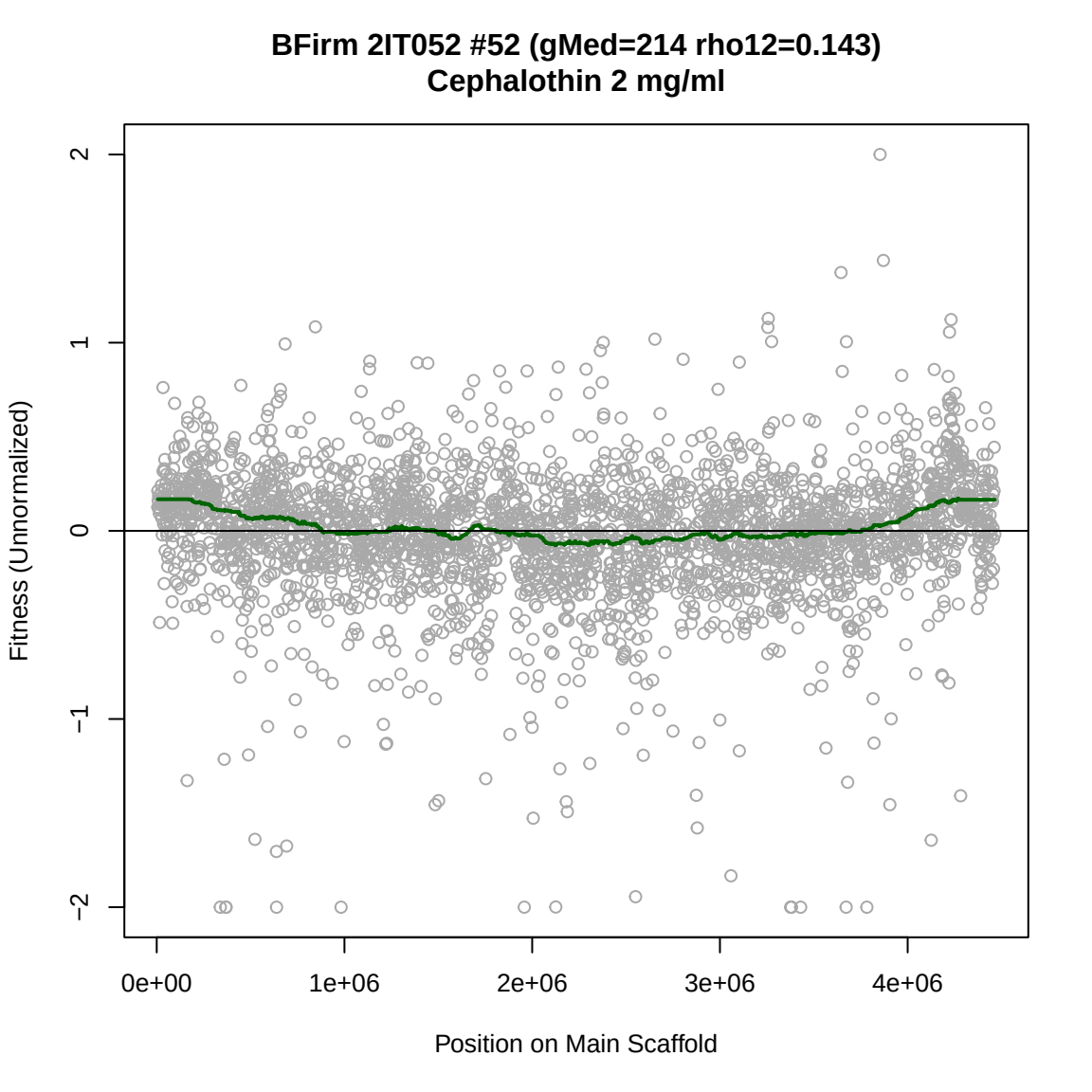

BFirm 1IT047 #47 (gMed=175 rho12=0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

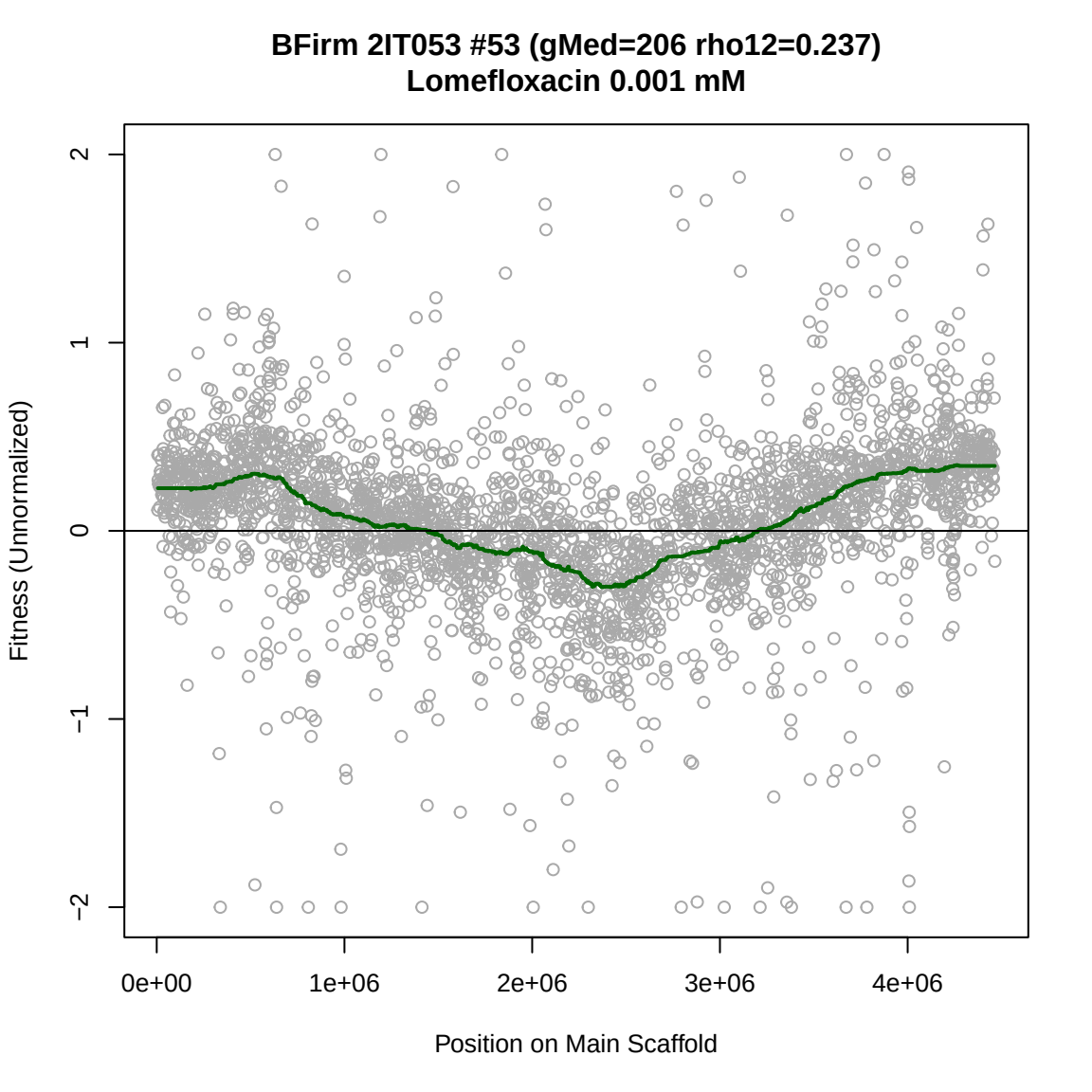

BFirm 1IT048 #48 (gMed=175 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

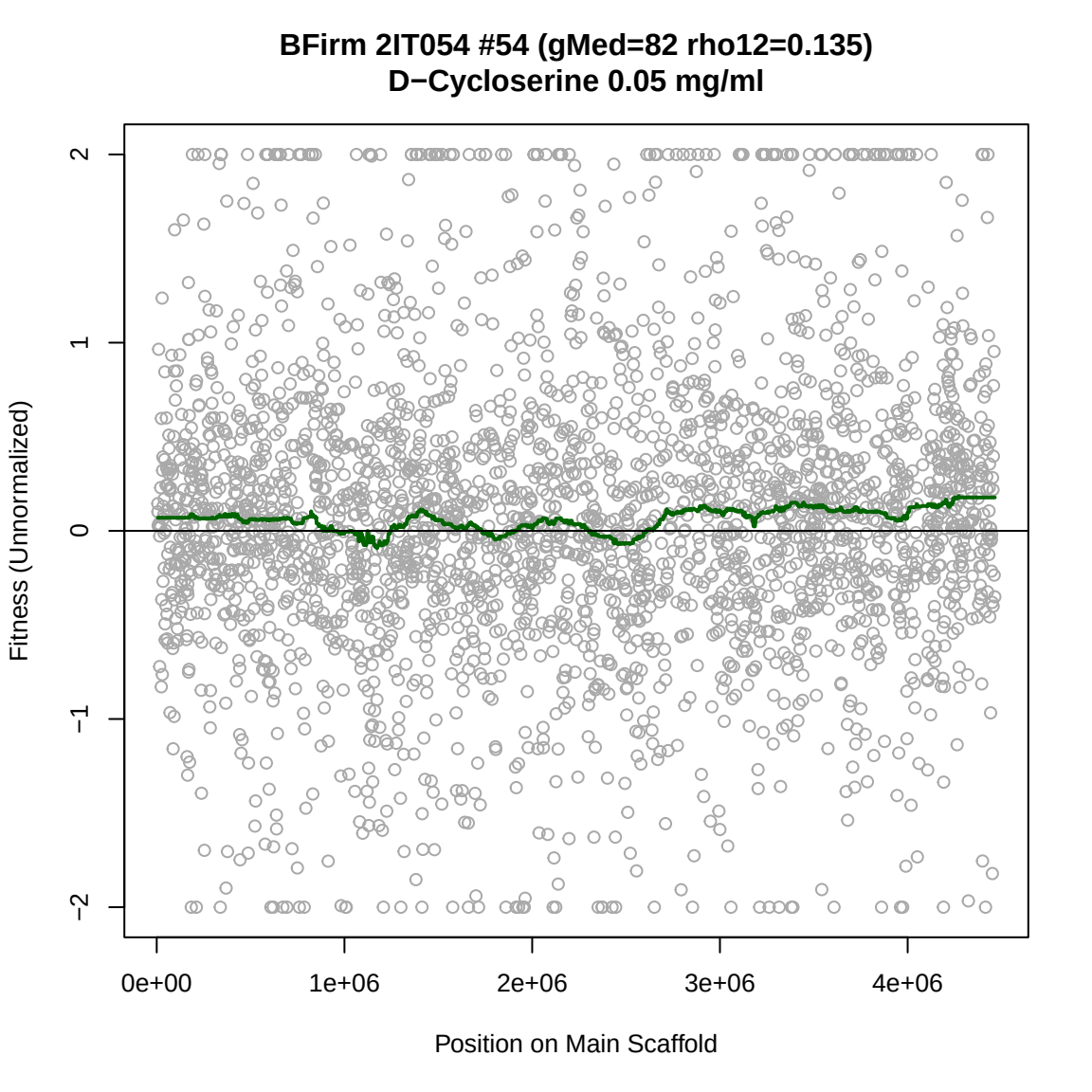

BFirm 2IT049 #49 (gMed=280 rho12=0.104)
Dimethyl Sulfoxide 6 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

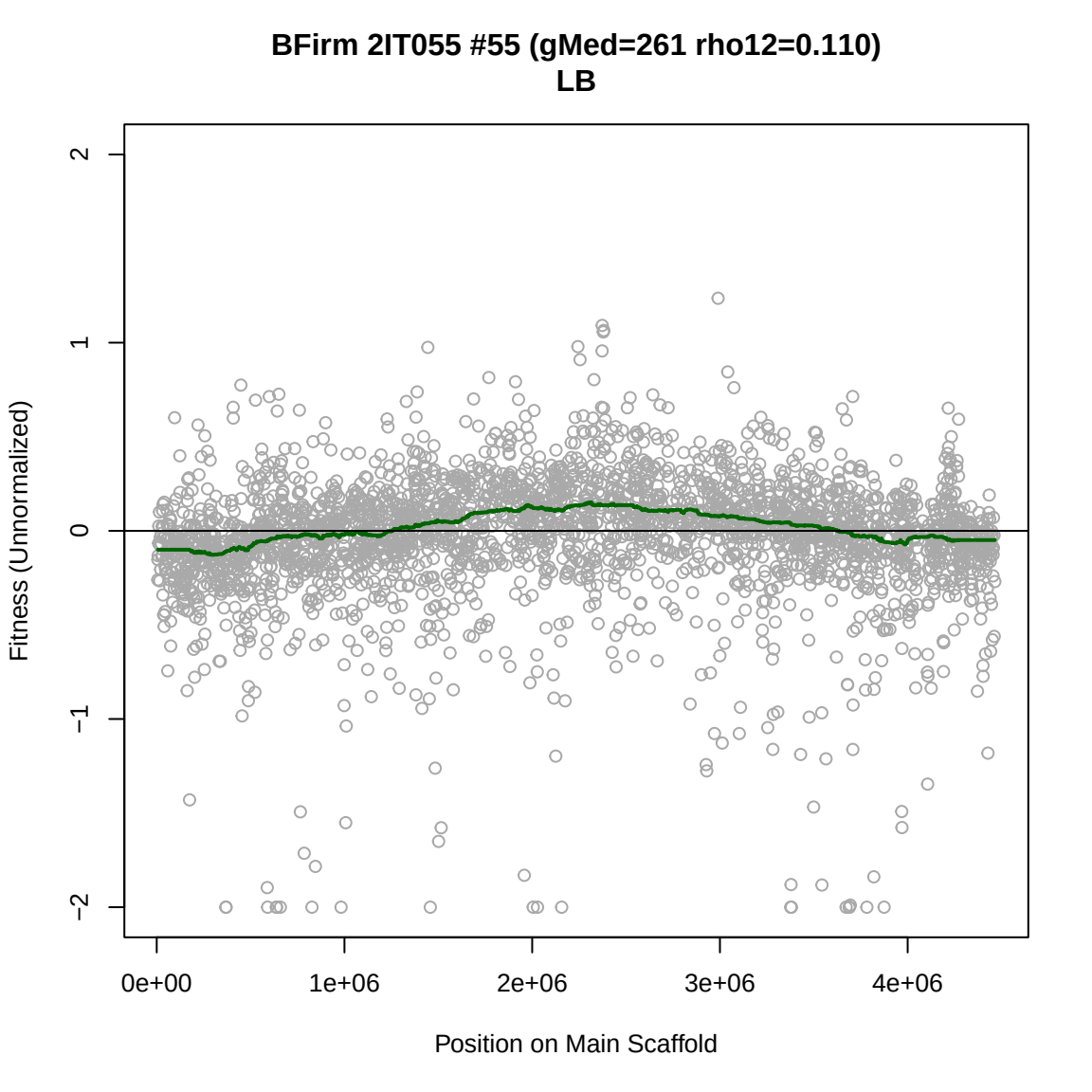

BFirm 2IT050 #50 (gMed=250 rho12=0.113)
LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

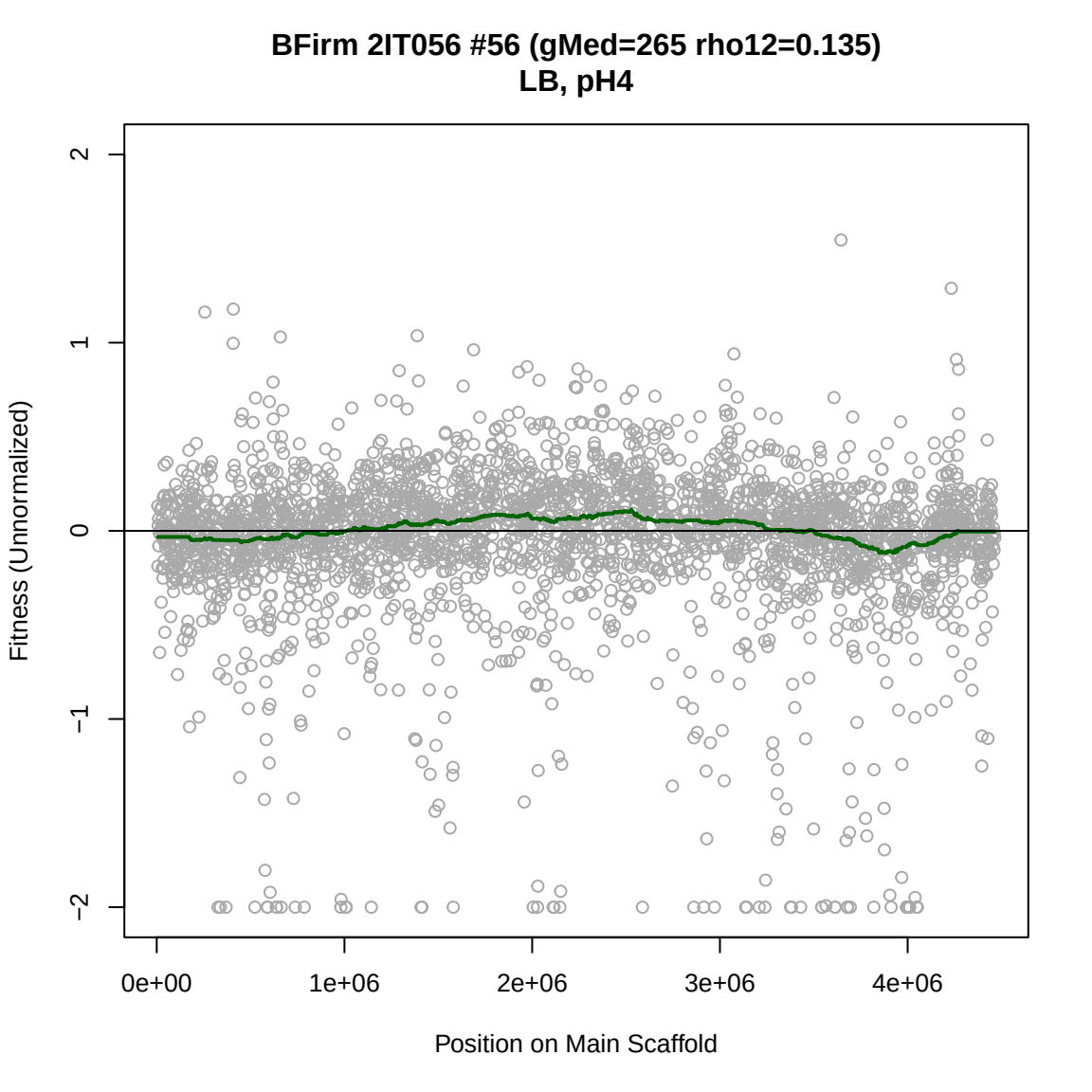

BFirm 2IT051 #51 (gMed=249 rho12=0.093)
Cephalothin 1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

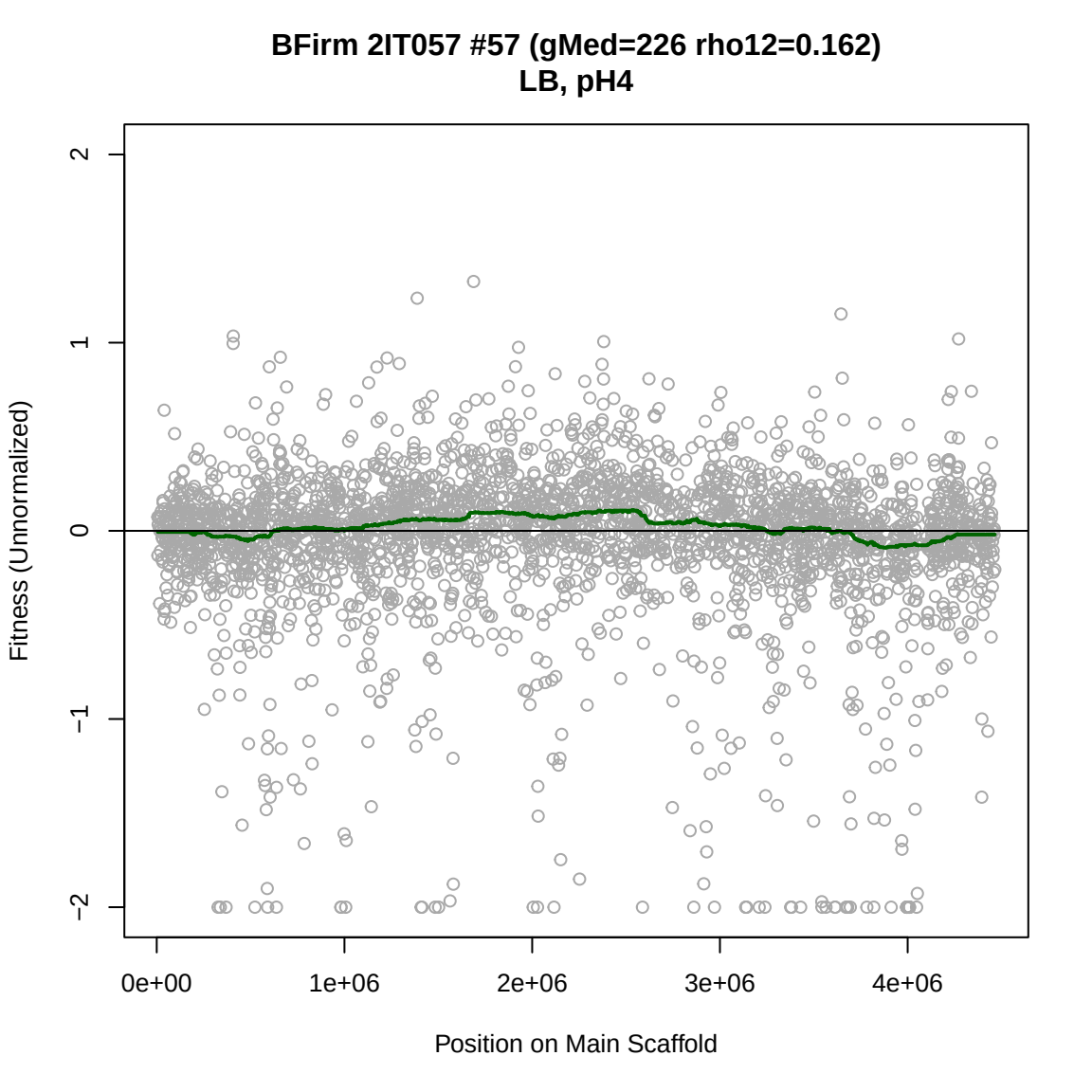

BFirm 2IT052 #52 (gMed=214 rho12=0.143)
Cephalothin 2 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

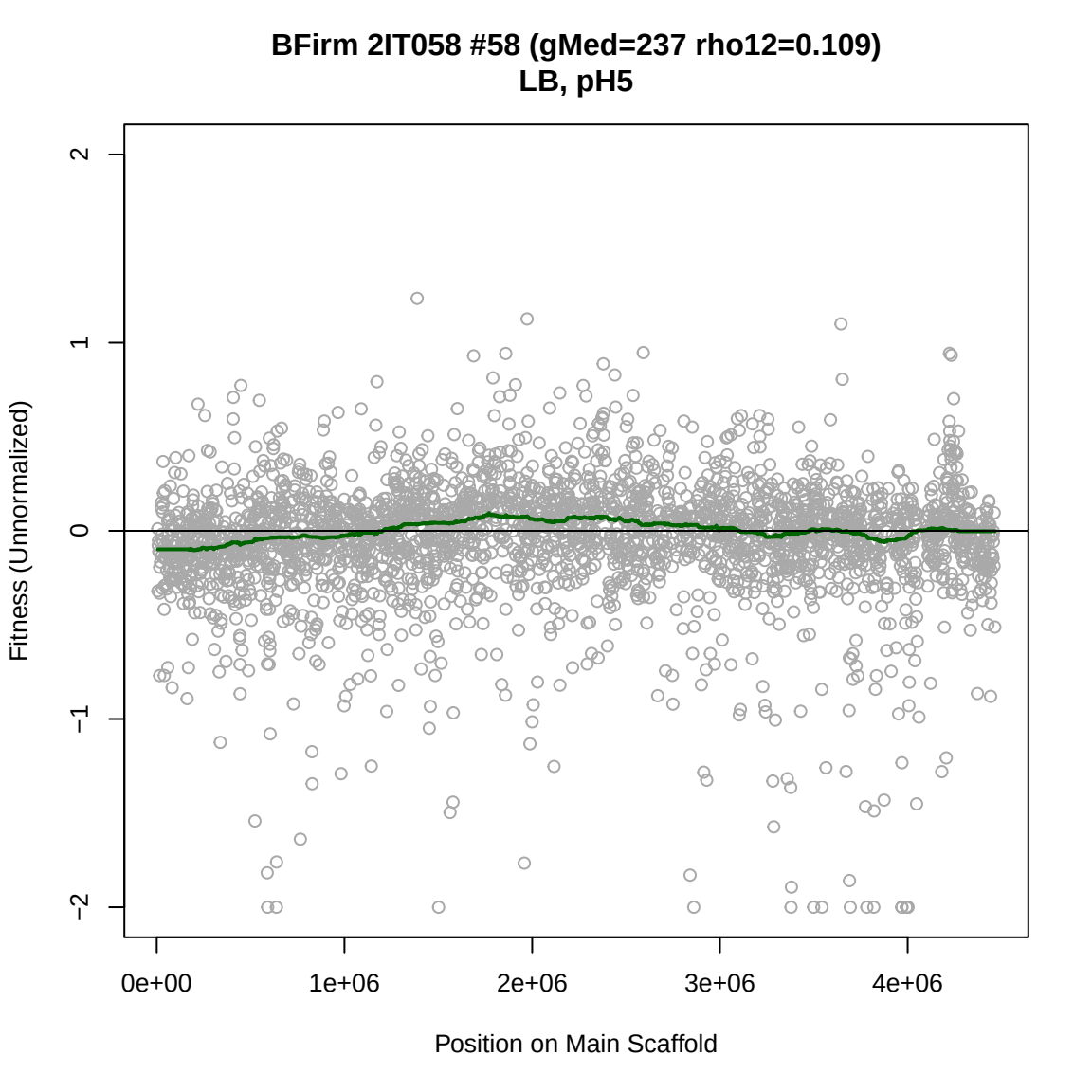

BFirm 2IT053 #53 (gMed=206 rho12=0.237)
Lomefloxacin 0.001 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

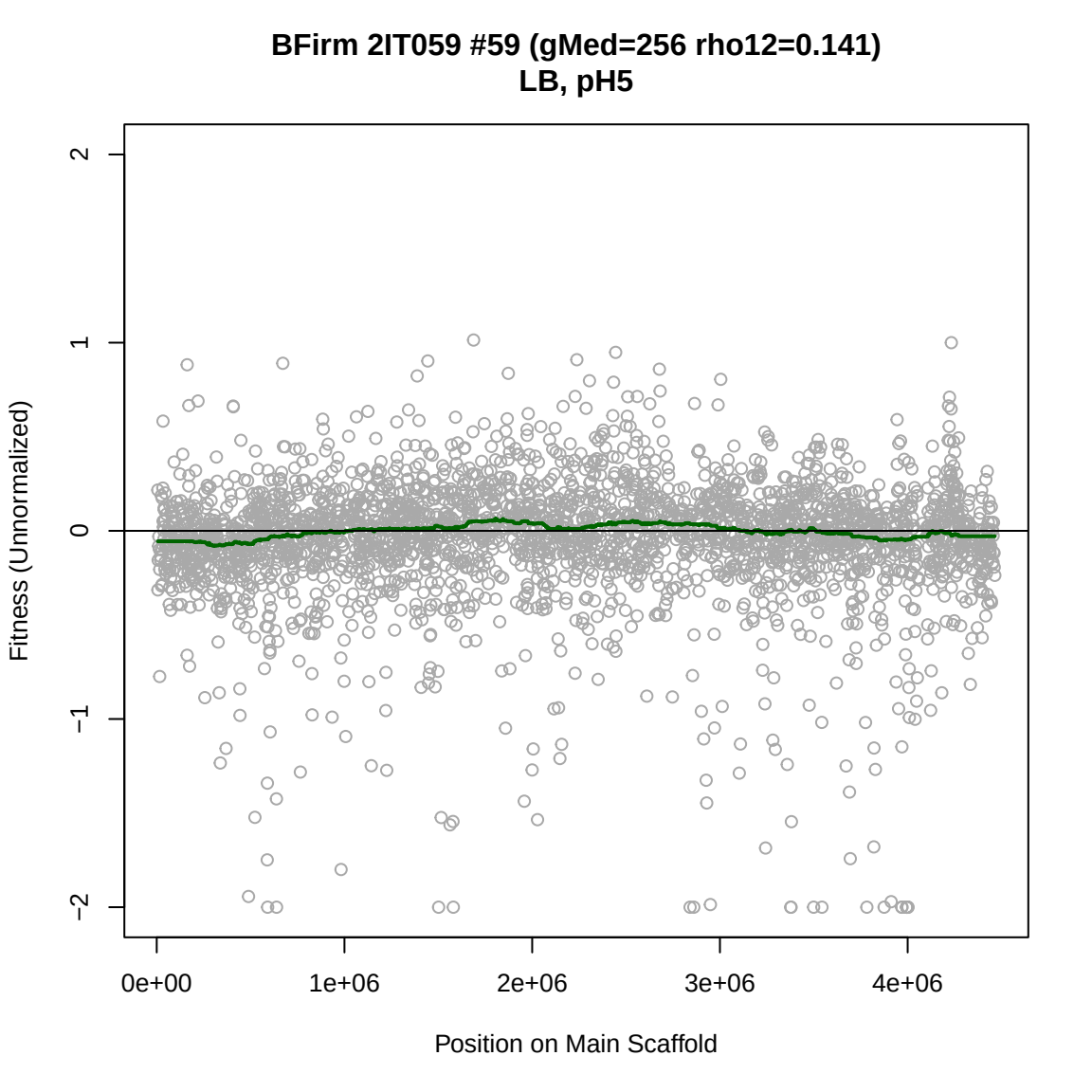

BFirm 2IT054 #54 (gMed=82 rho12=0.135)
D−Cycloserine 0.05 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

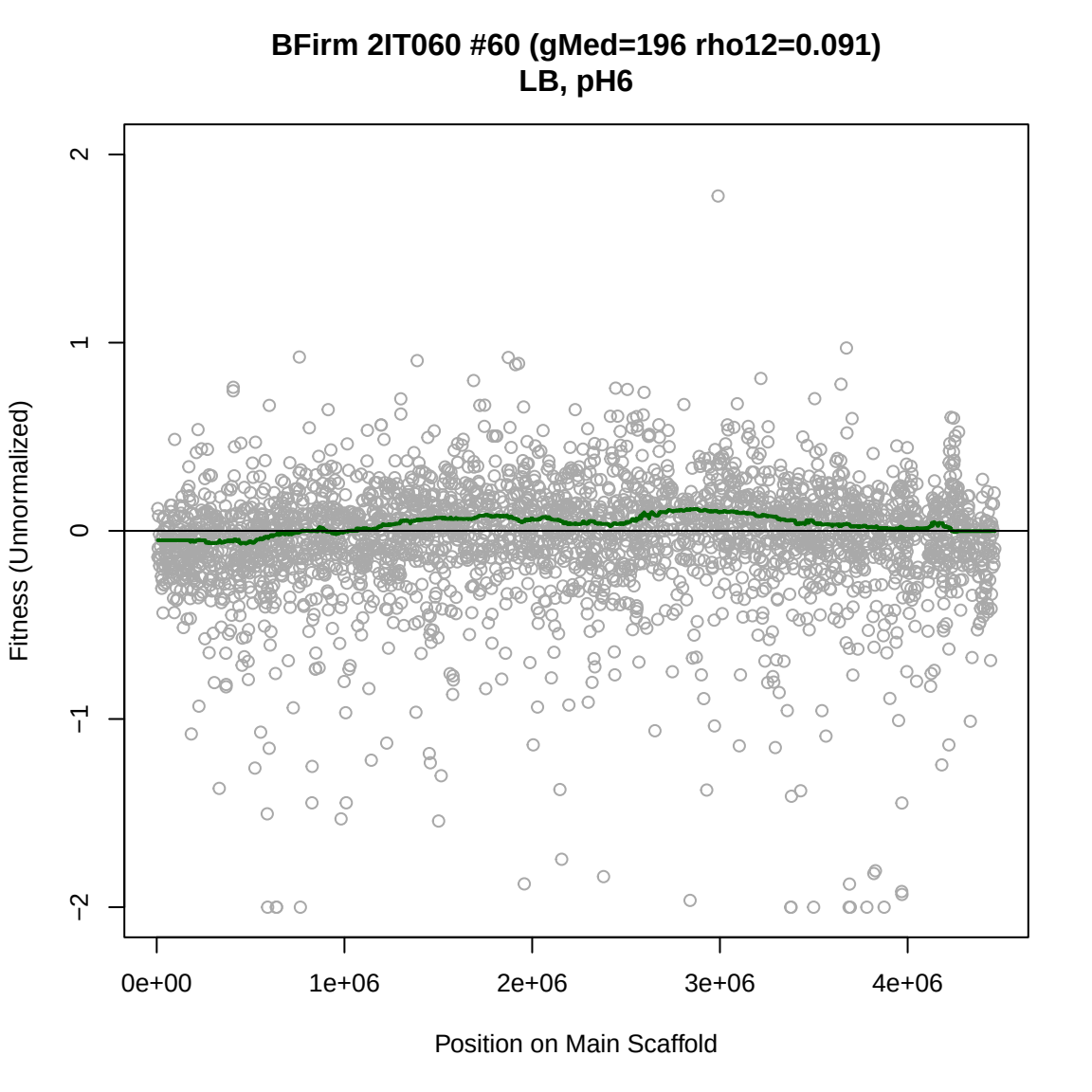

BFirm 2IT055 #55 (gMed=261 rho12=0.110)
LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

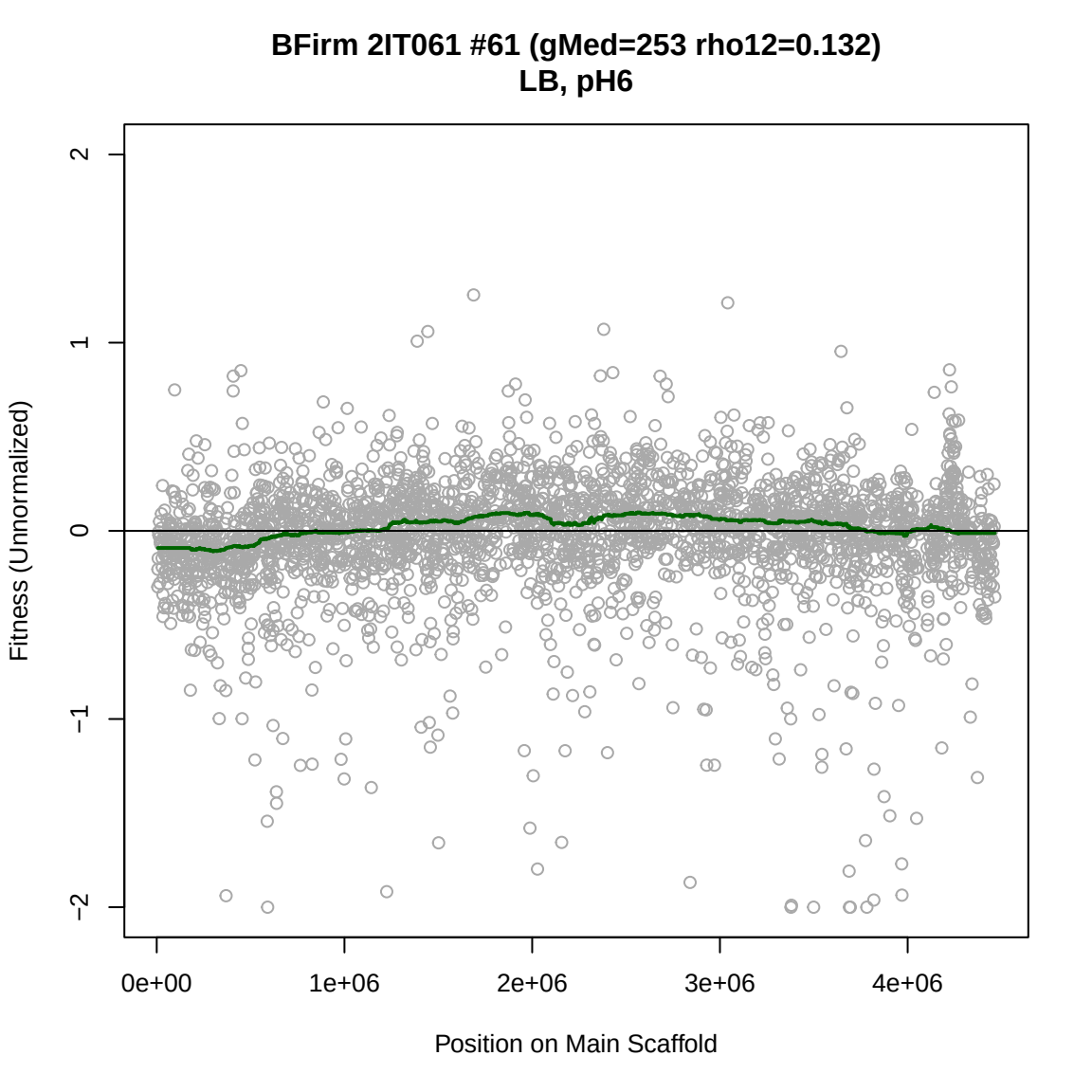

BFirm 2IT056 #56 (gMed=265 rho12=0.135)
LB, pH4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

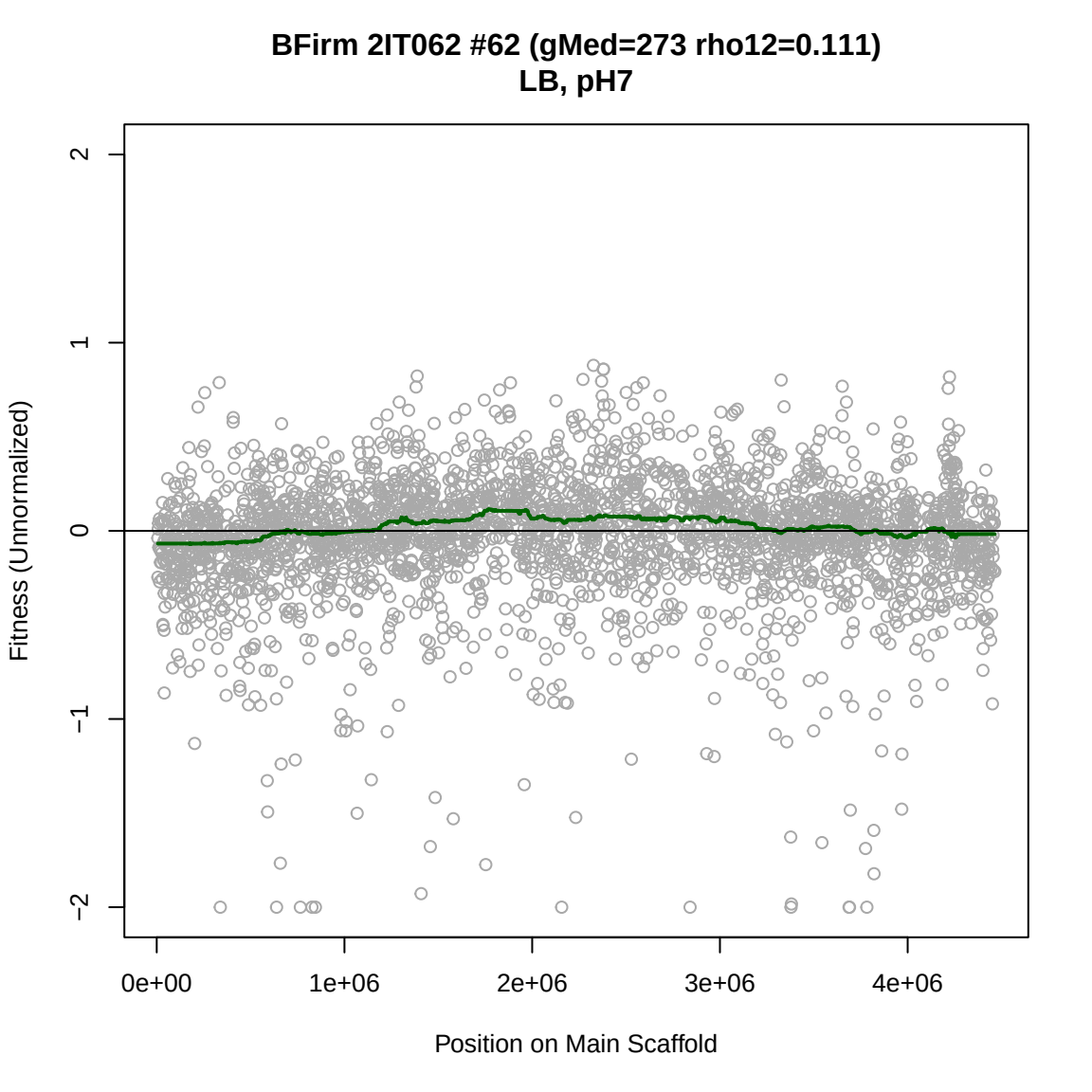

BFirm 2IT057 #57 (gMed=226 rho12=0.162)
LB, pH4
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

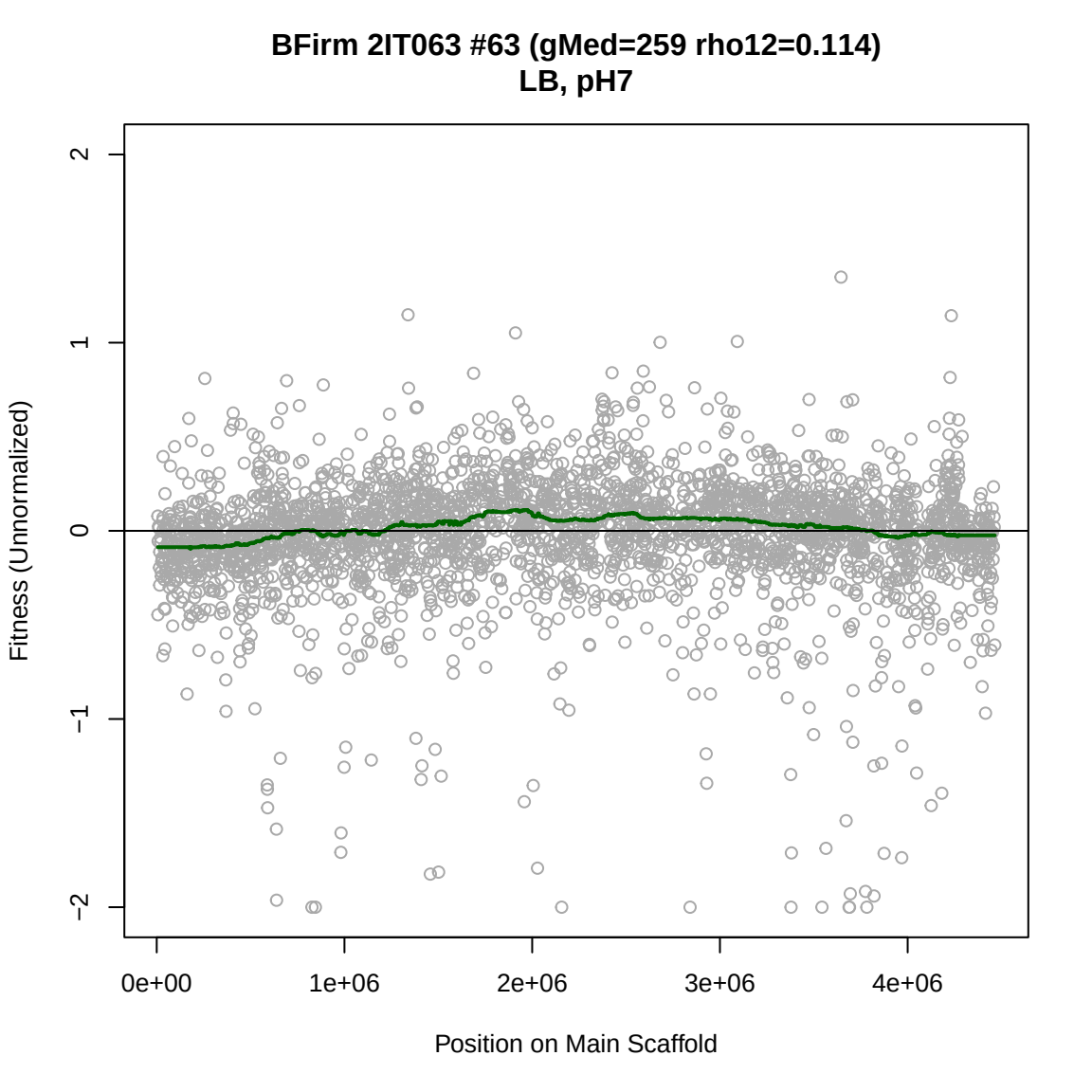

BFirm 2IT058 #58 (gMed=237 rho12=0.109)
LB, pH5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

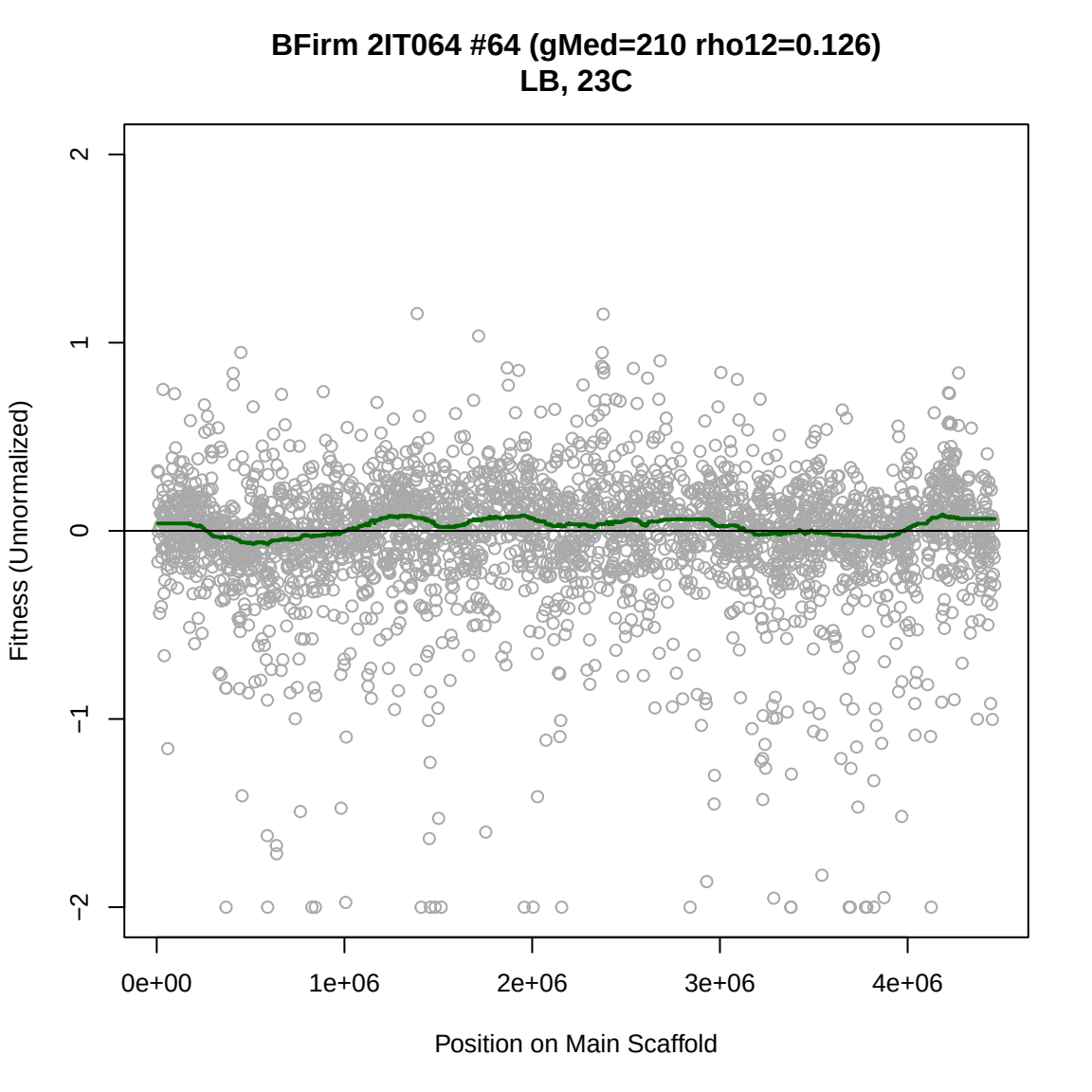

BFirm 2IT059 #59 (gMed=256 rho12=0.141)
LB, pH5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

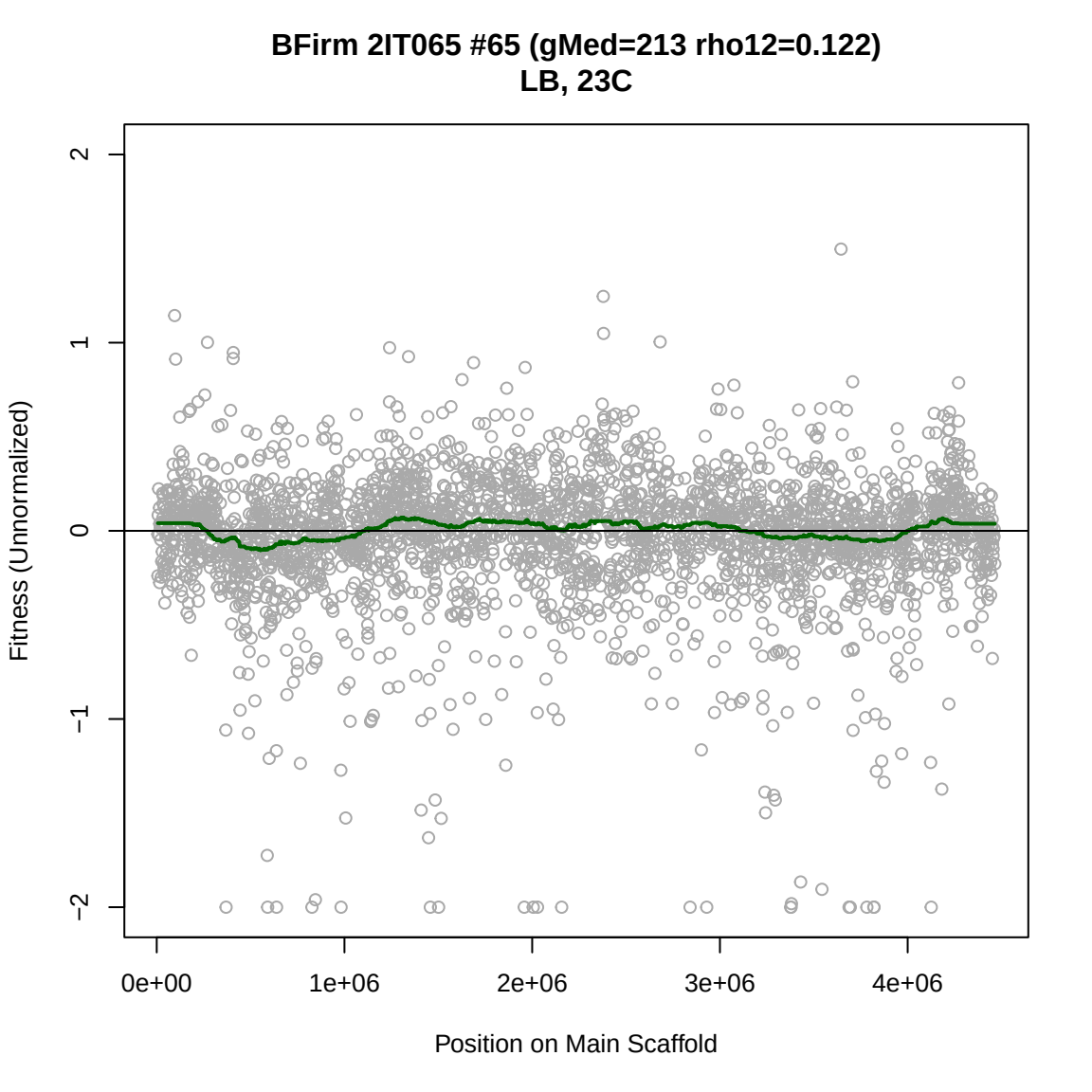

BFirm 2IT060 #60 (gMed=196 rho12=0.091)
LB, pH6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

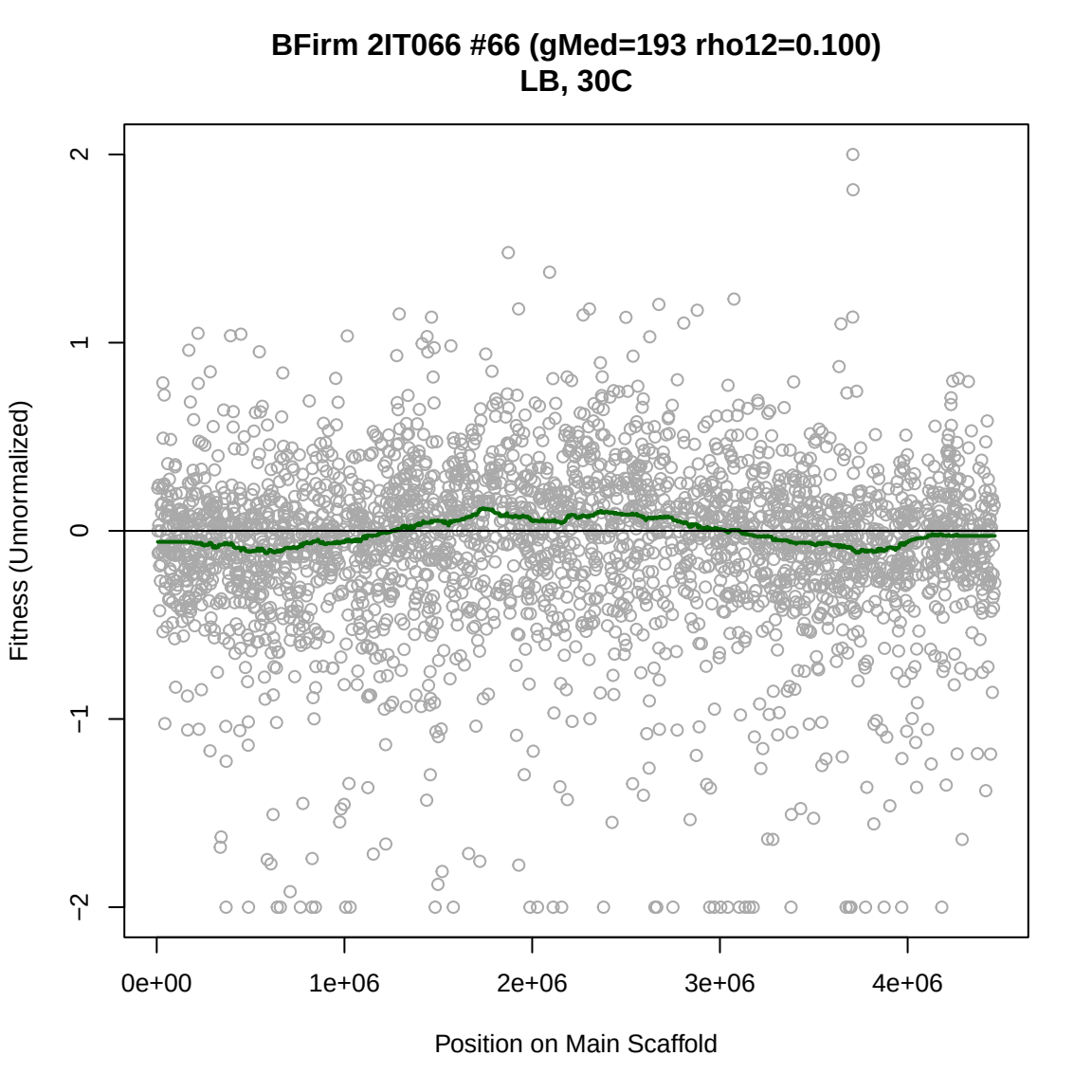

BFirm 2IT061 #61 (gMed=253 rho12=0.132)
LB, pH6
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

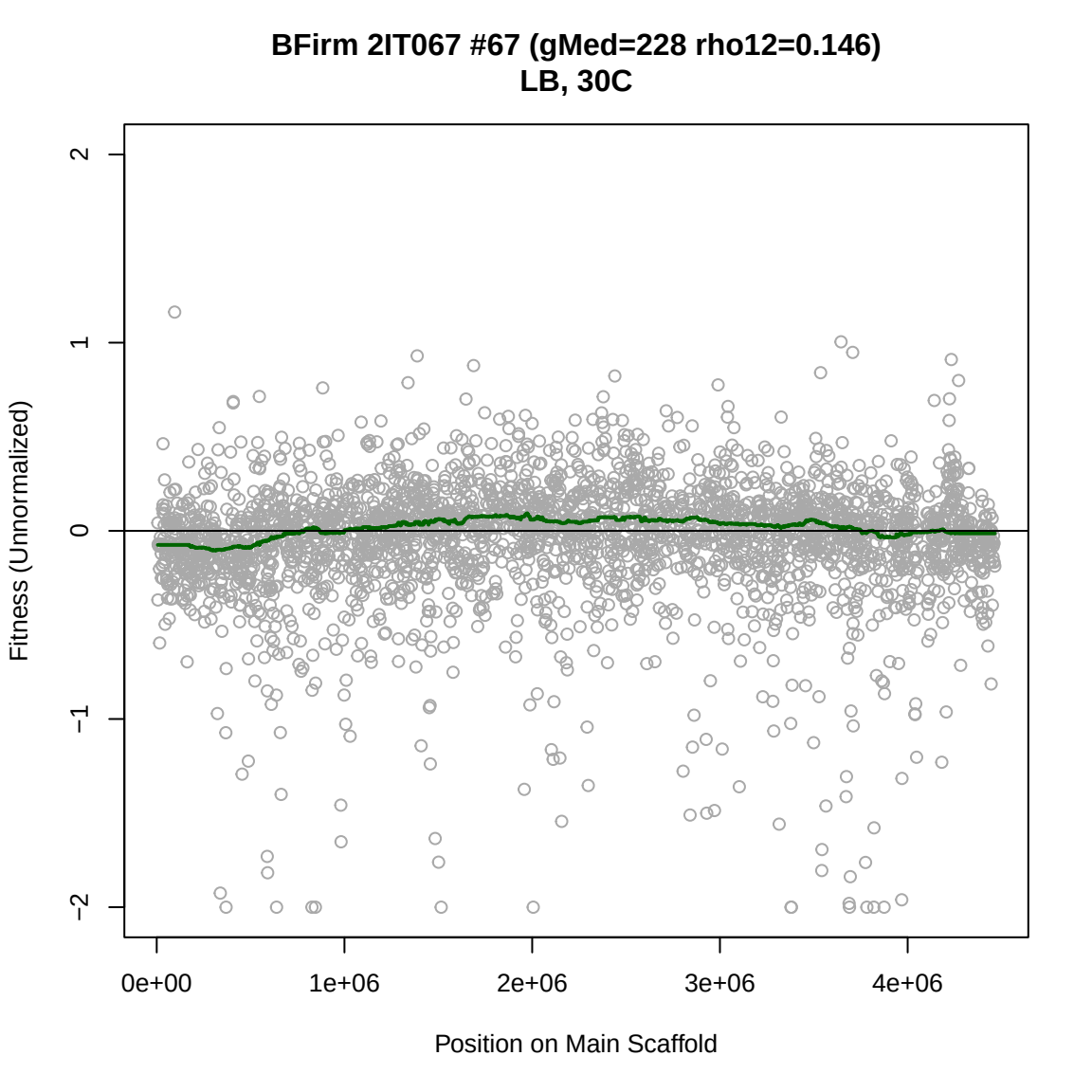

BFirm 2IT062 #62 (gMed=273 rho12=0.111)
LB, pH7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

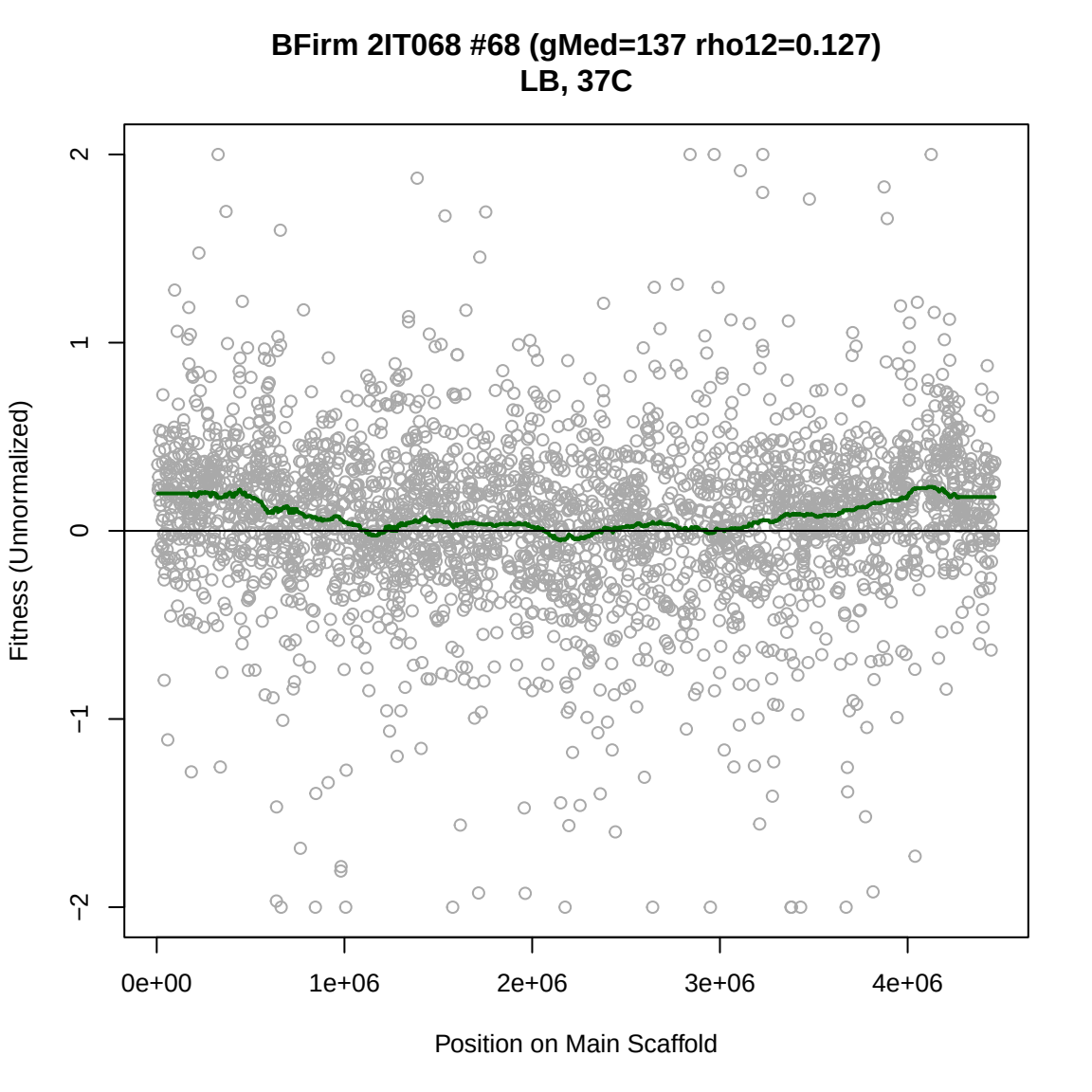

BFirm 2IT063 #63 (gMed=259 rho12=0.114)
LB, pH7
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

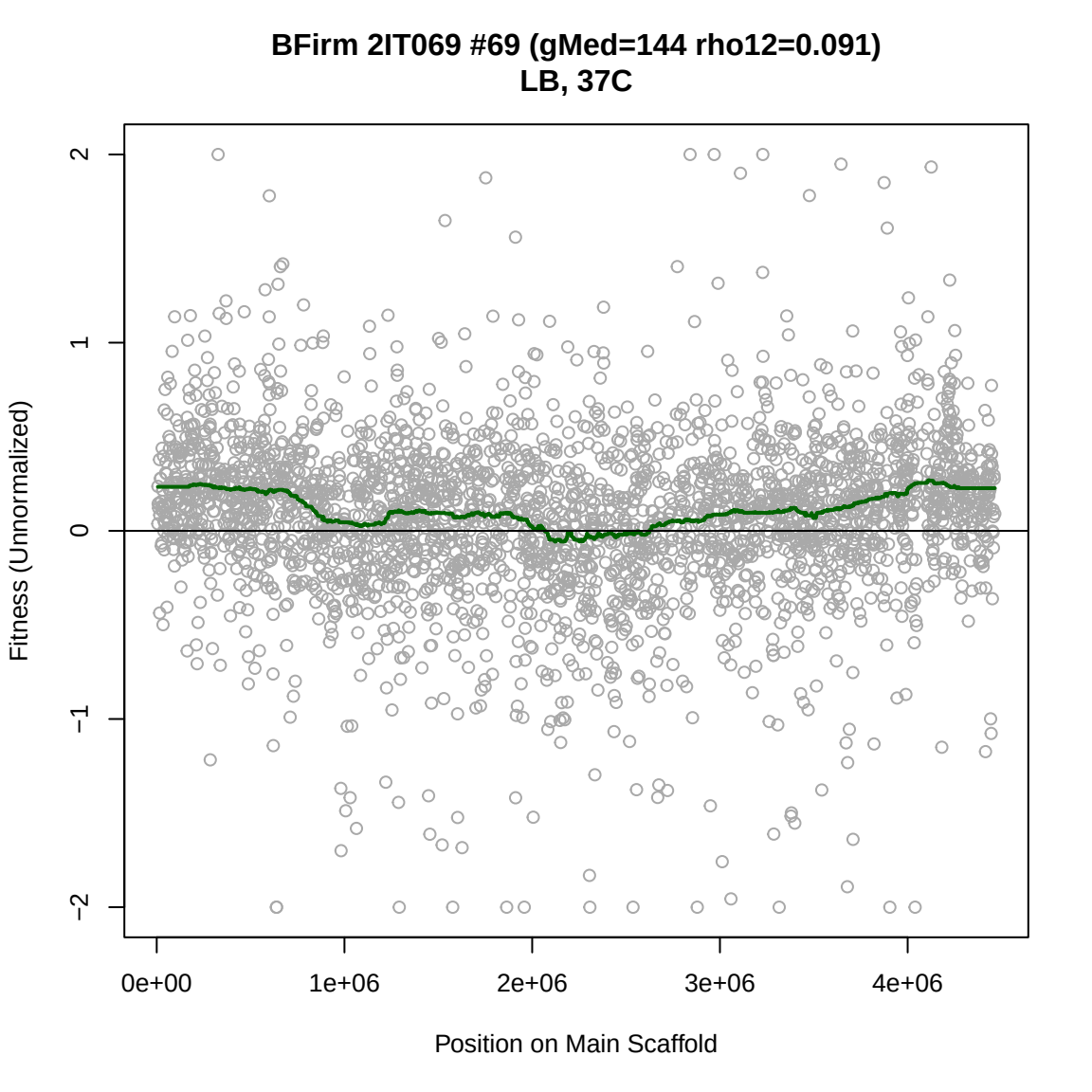

BFirm 2IT064 #64 (gMed=210 rho12=0.126)
LB, 23C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

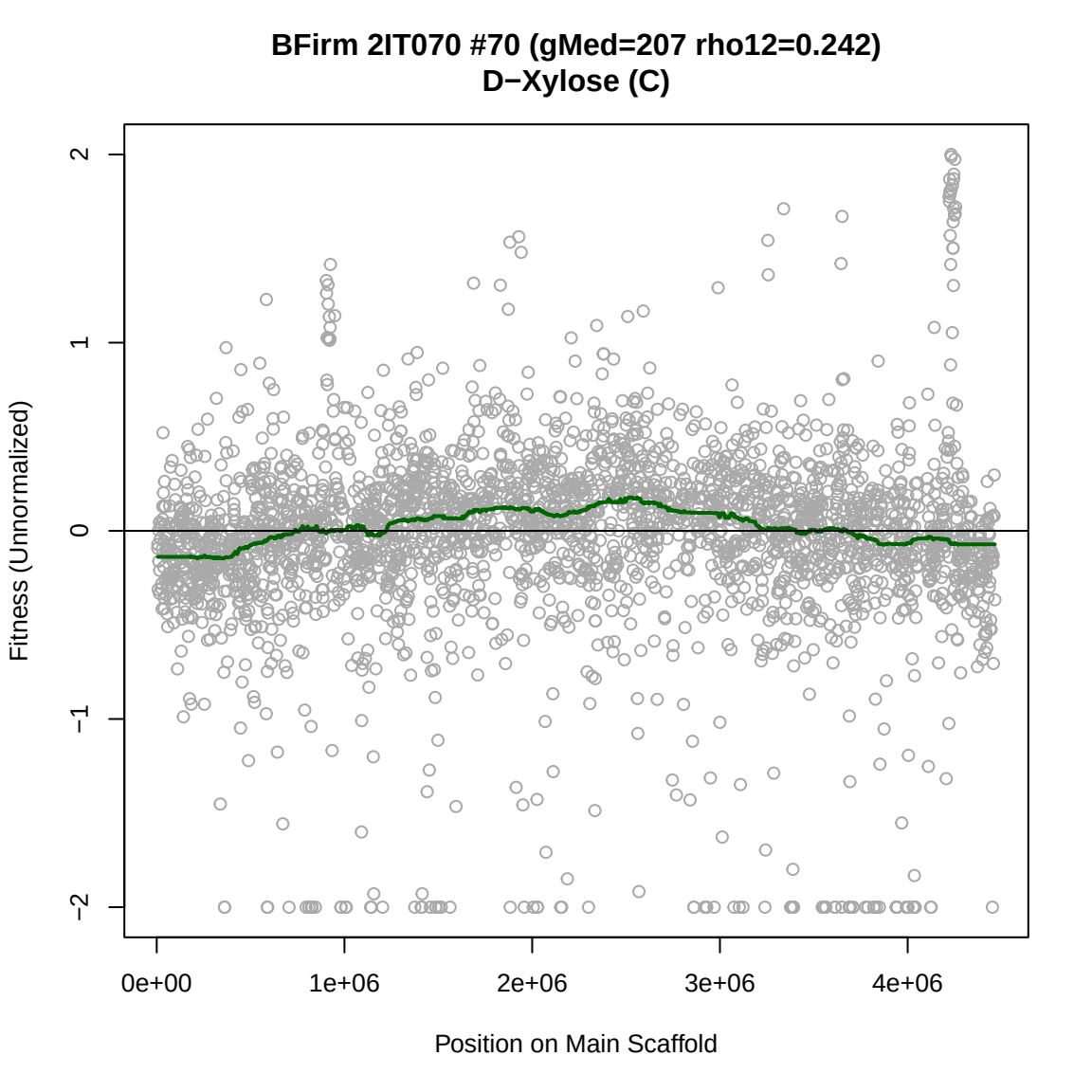

BFirm 2IT065 #65 (gMed=213 rho12=0.122)
LB, 23C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

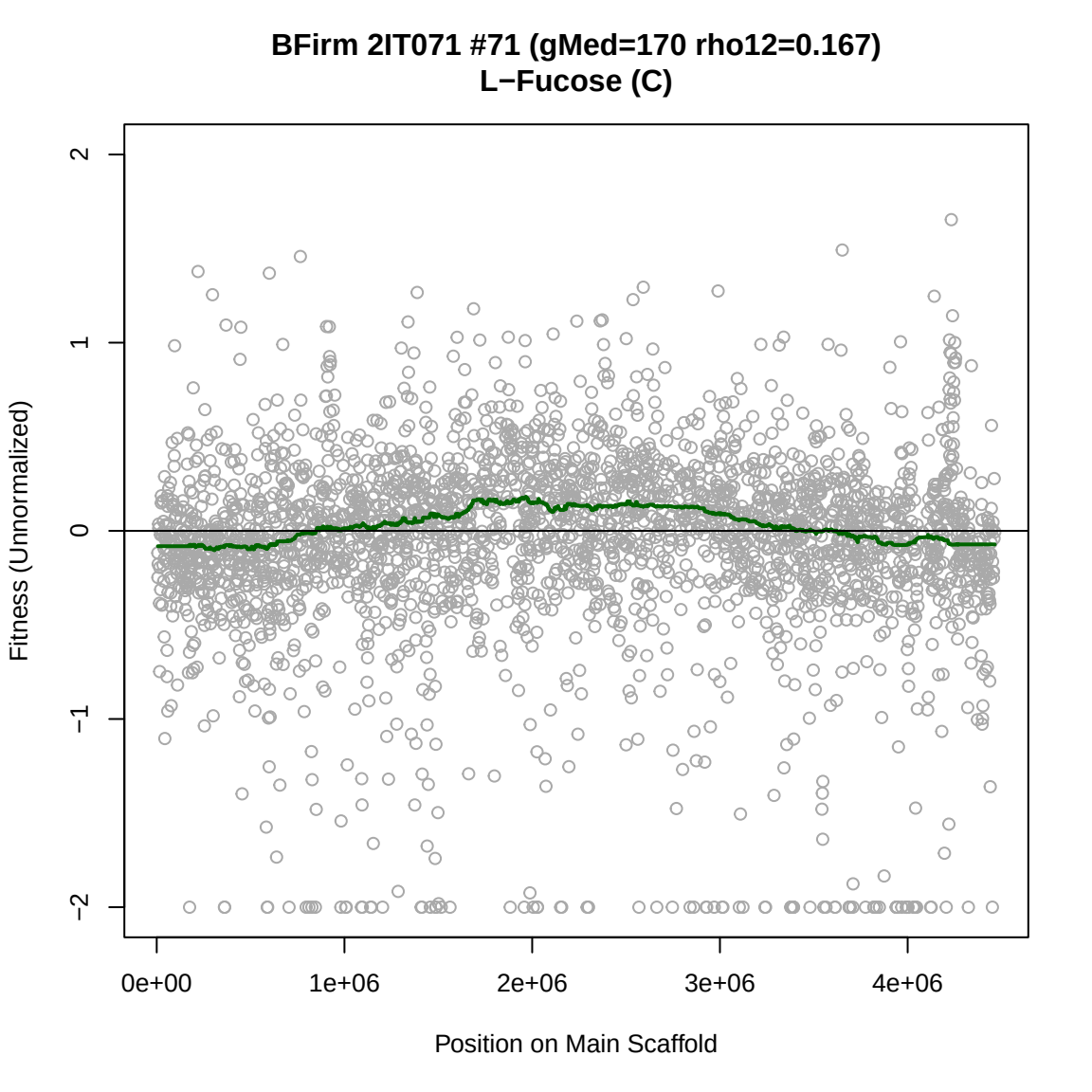

BFirm 2IT066 #66 (gMed=193 rho12=0.100)
LB, 30C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

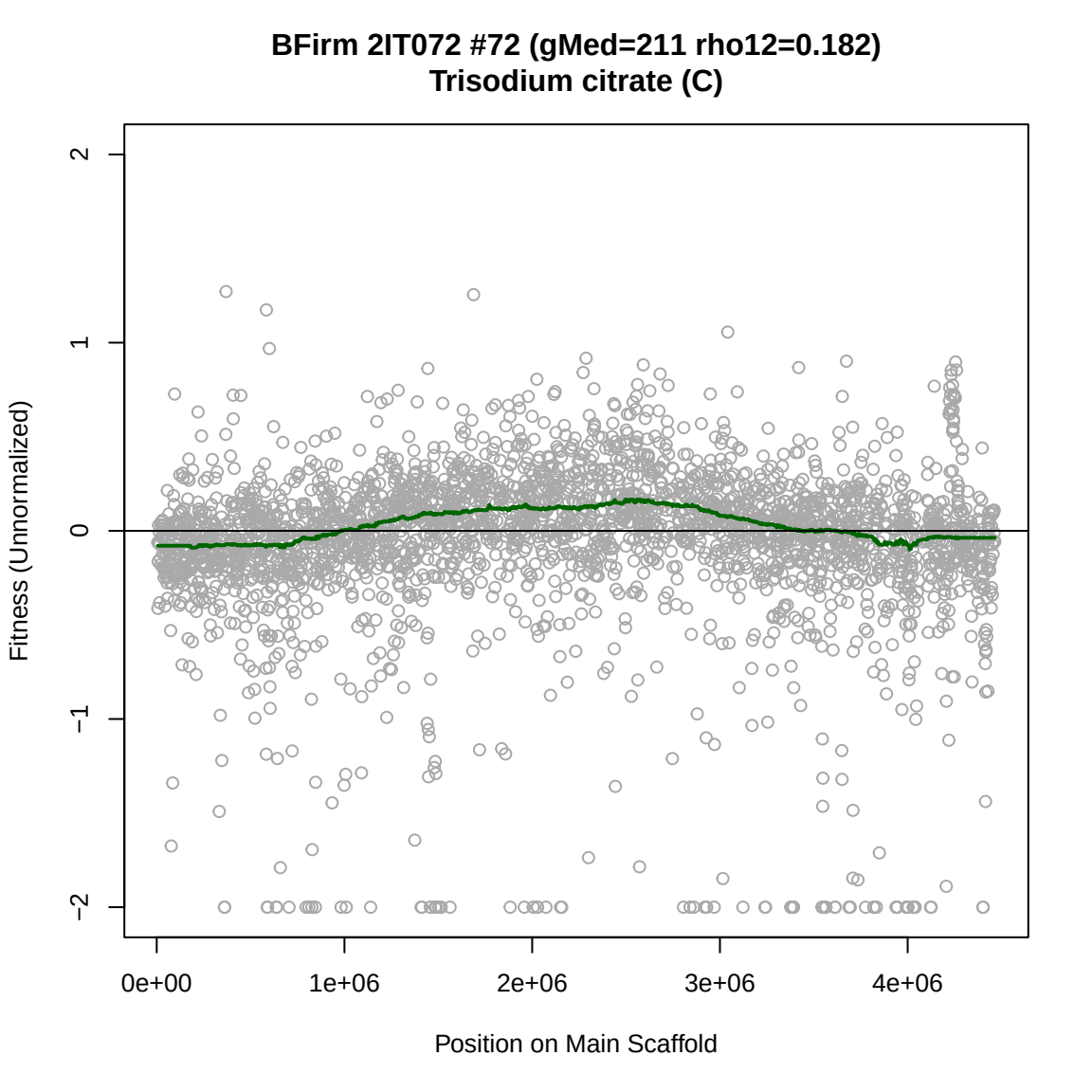

BFirm 2IT067 #67 (gMed=228 rho12=0.146)
LB, 30C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

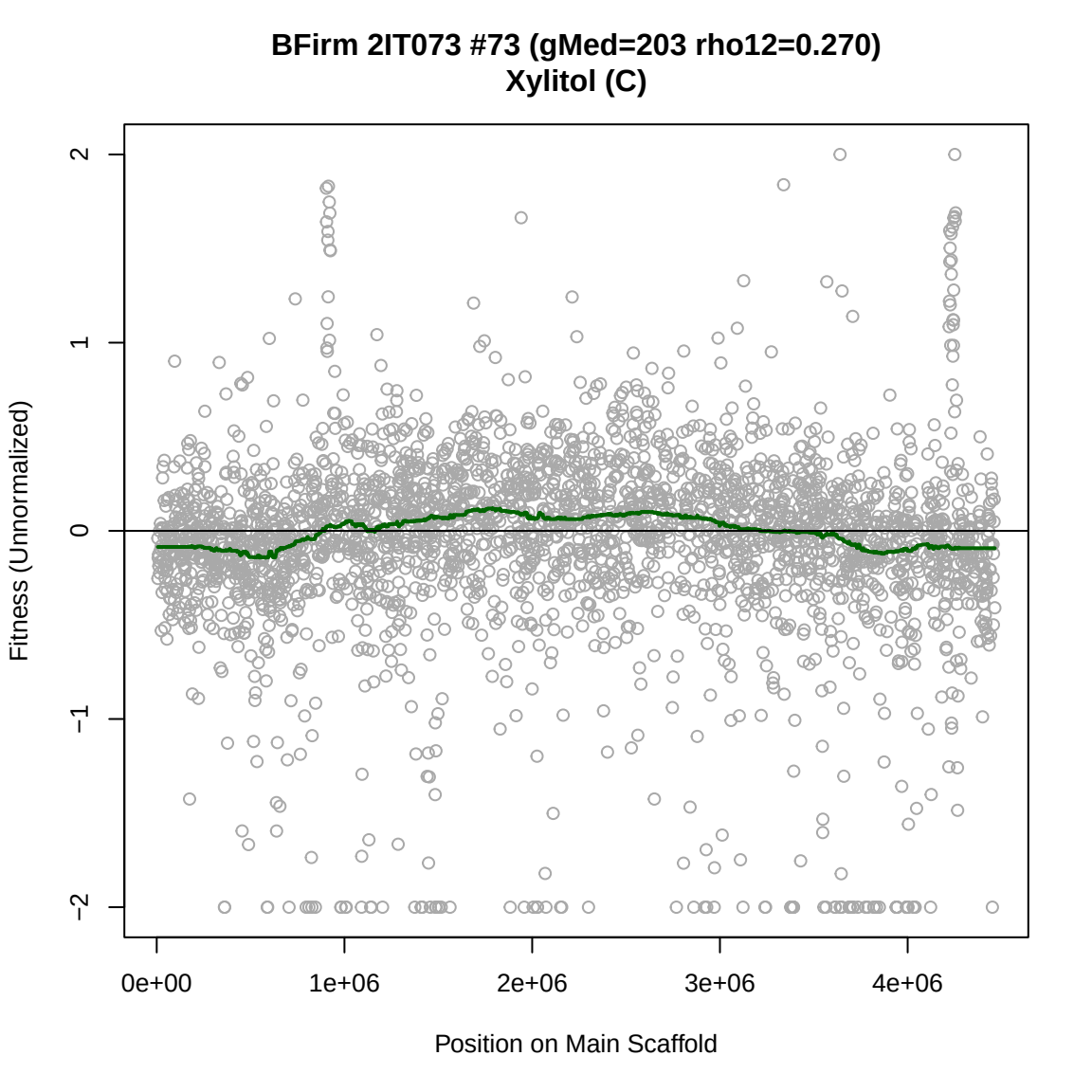

BFirm 2IT068 #68 (gMed=137 rho12=0.127)
LB, 37C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

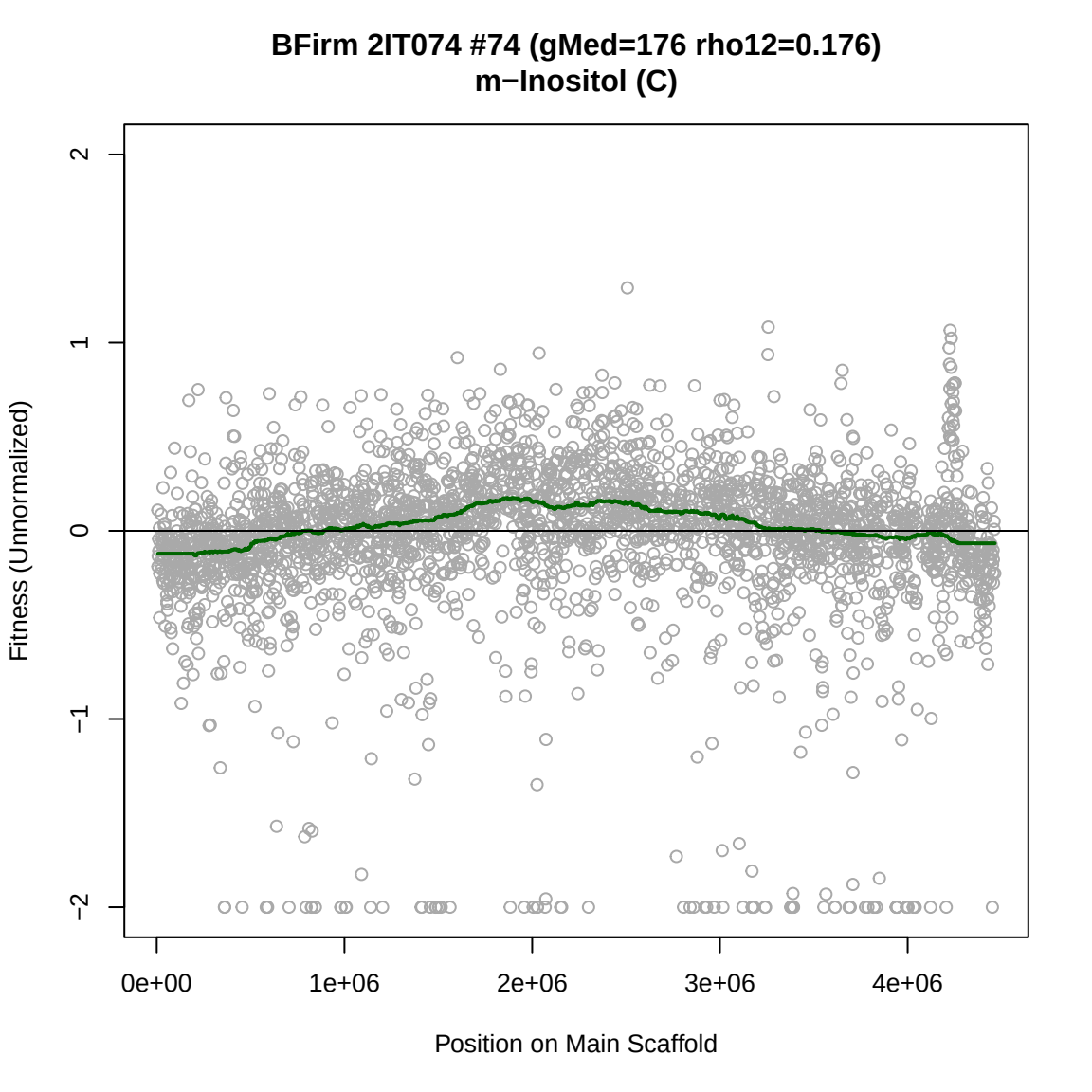

BFirm 2IT069 #69 (gMed=144 rho12=0.091)
LB, 37C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

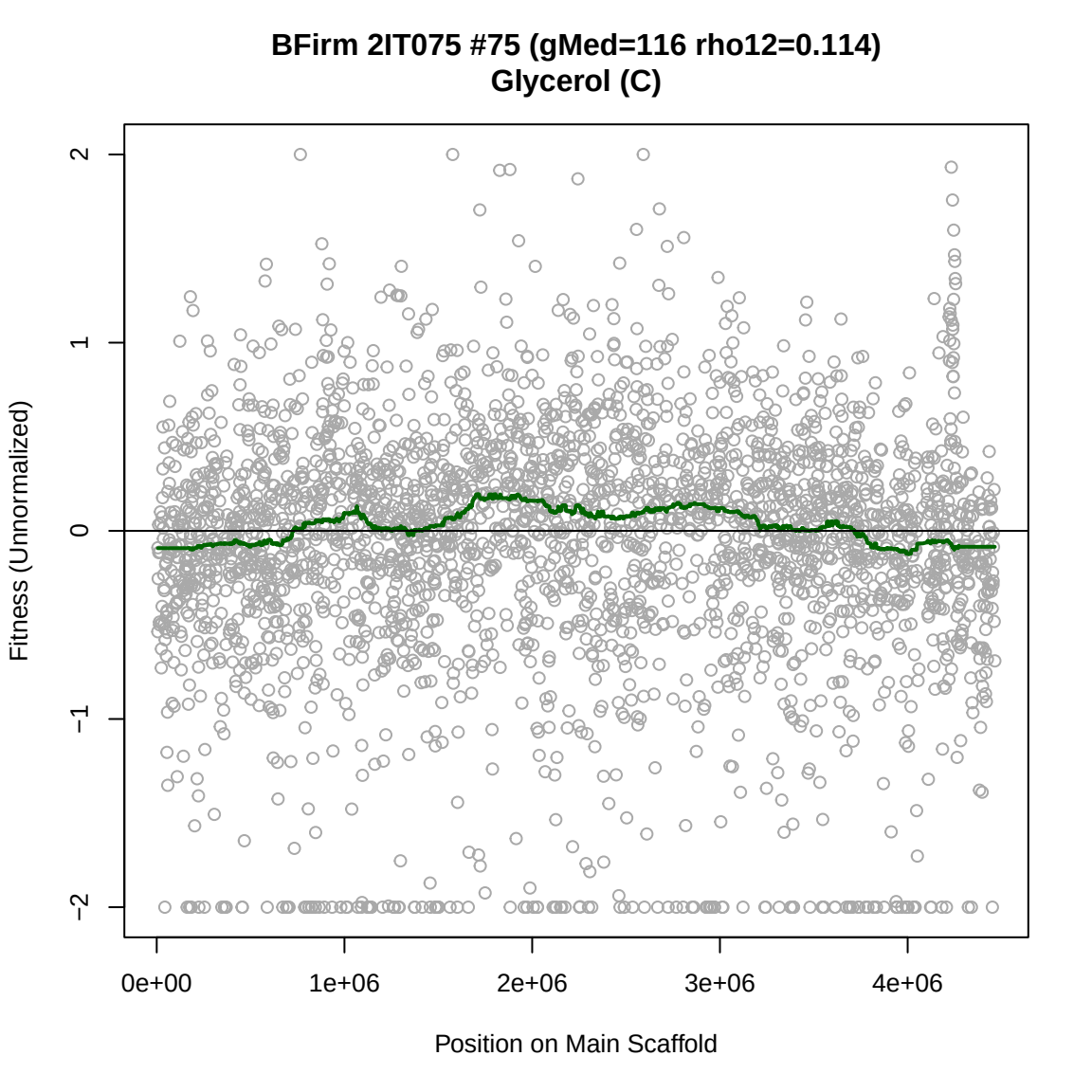

BFirm 2IT070 #70 (gMed=207 rho12=0.242)
D−Xylose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

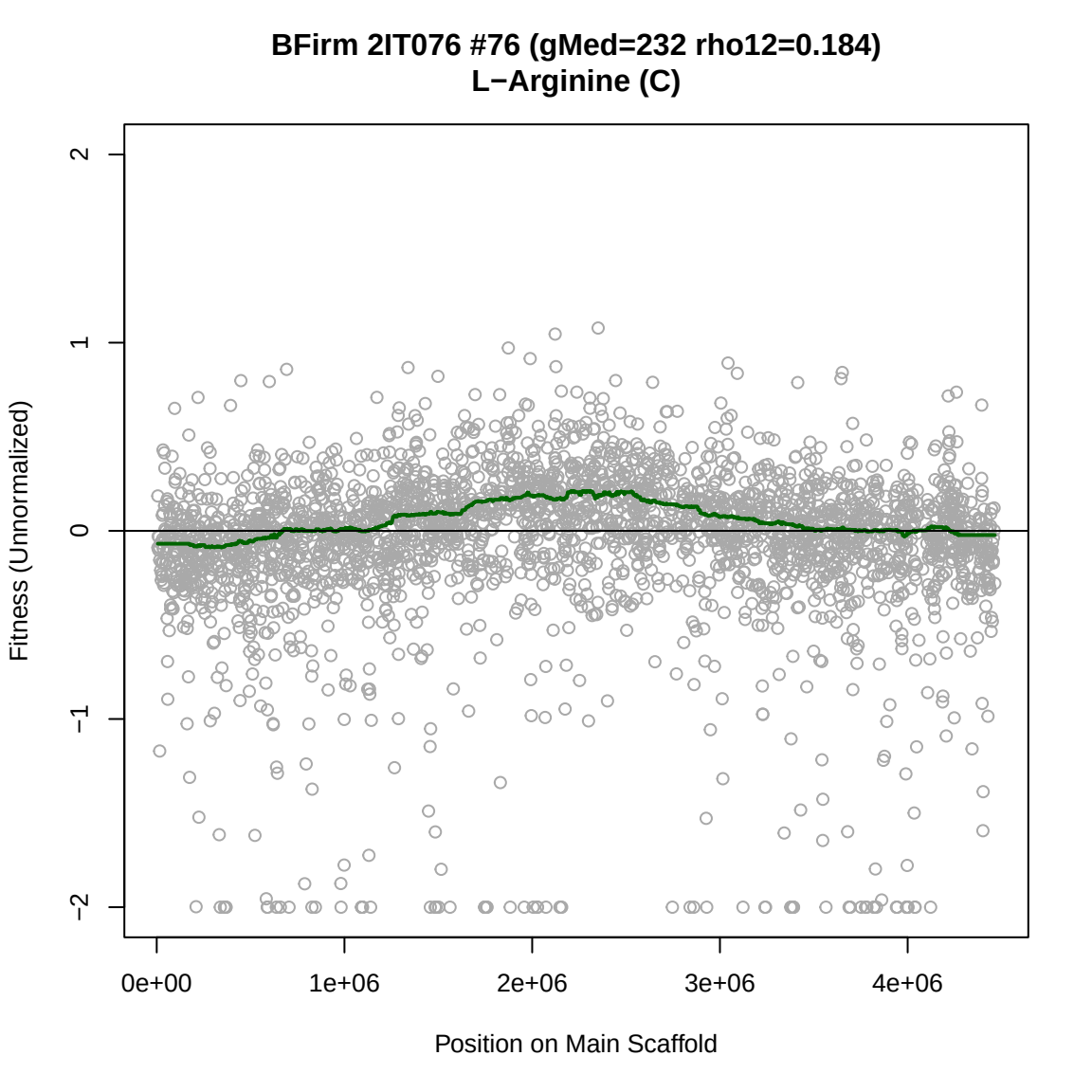

BFirm 2IT071 #71 (gMed=170 rho12=0.167)
L−Fucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

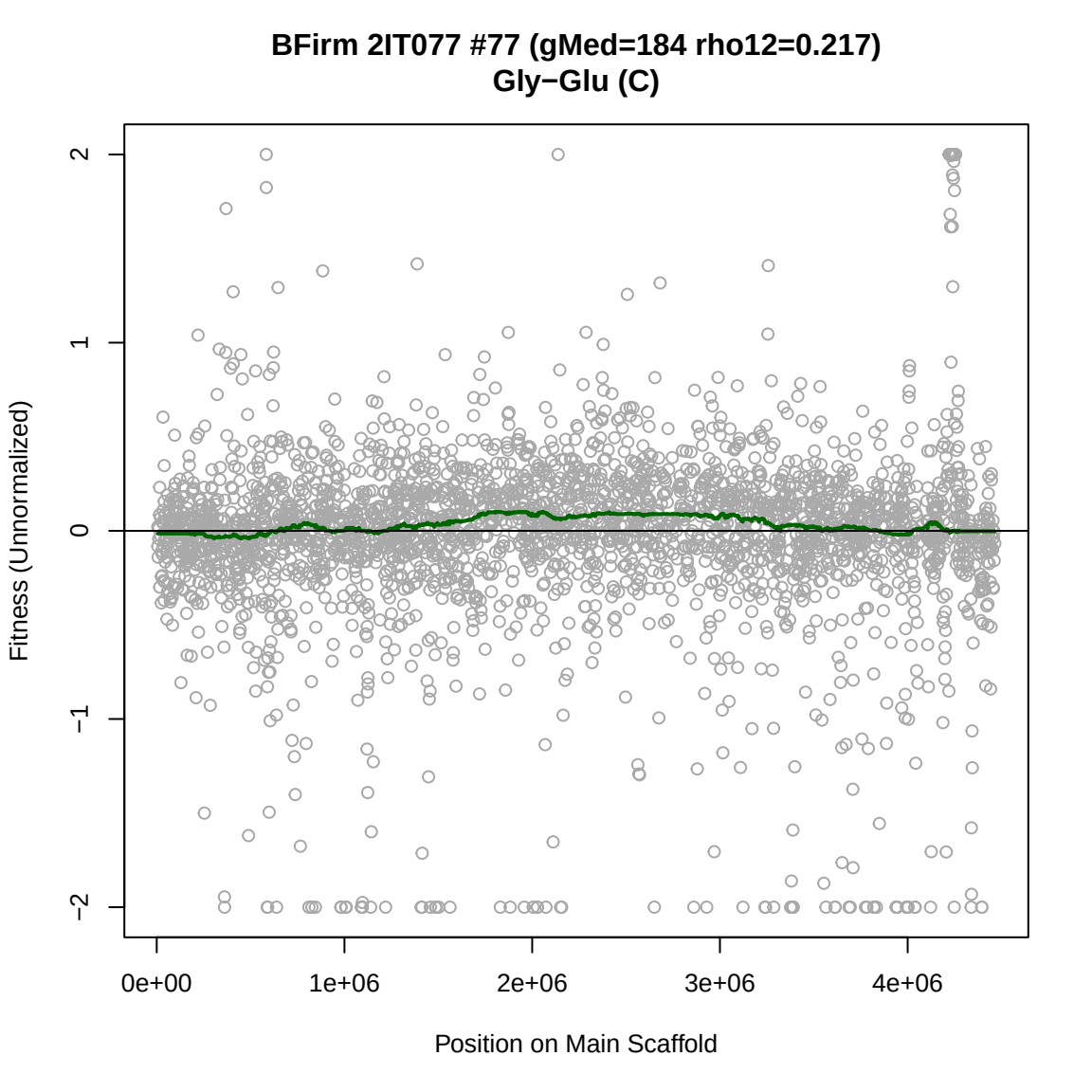

BFirm 2IT072 #72 (gMed=211 rho12=0.182)
Trisodium citrate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

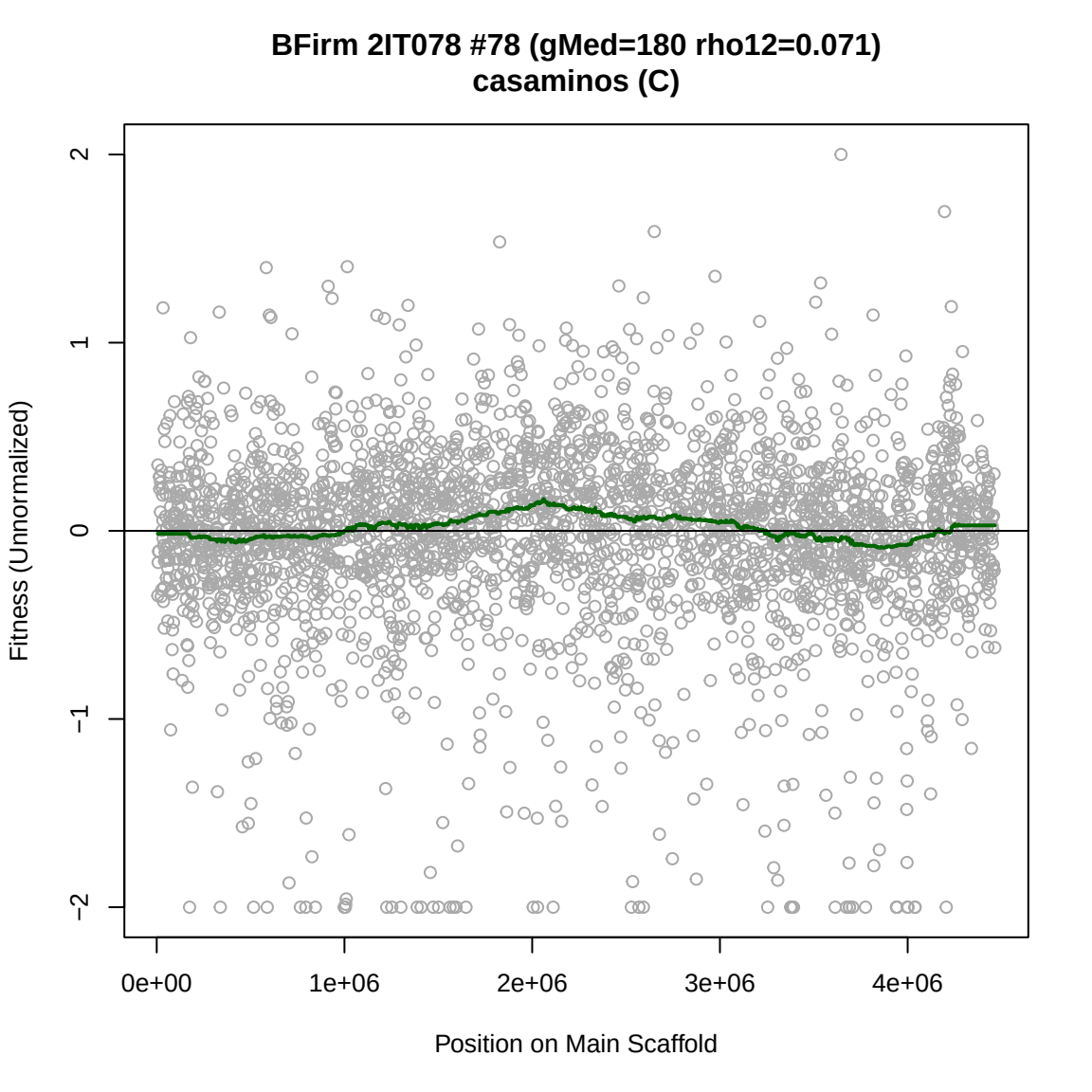

BFirm 2IT073 #73 (gMed=203 rho12=0.270)
Xylitol (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

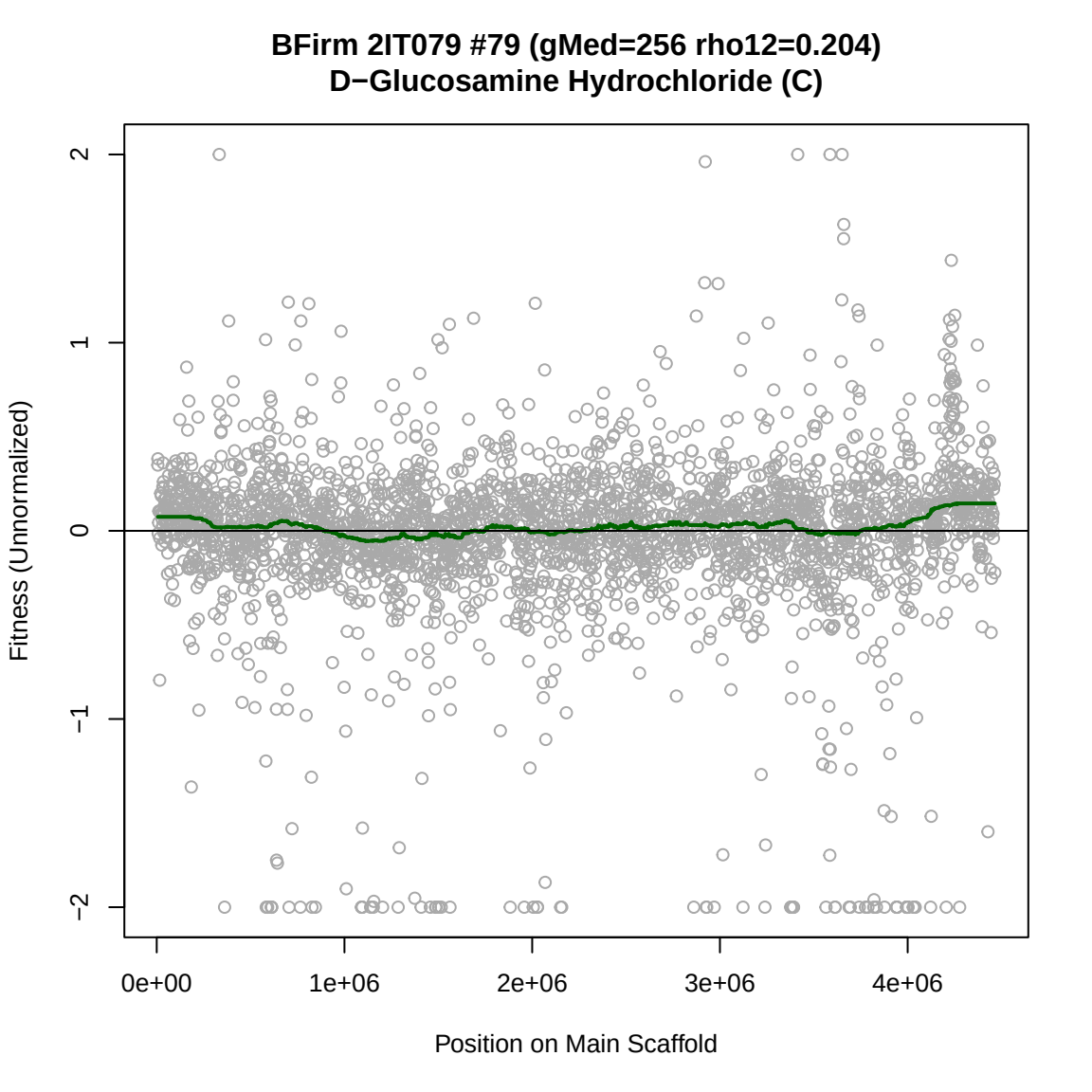

BFirm 2IT074 #74 (gMed=176 rho12=0.176)
m−Inositol (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

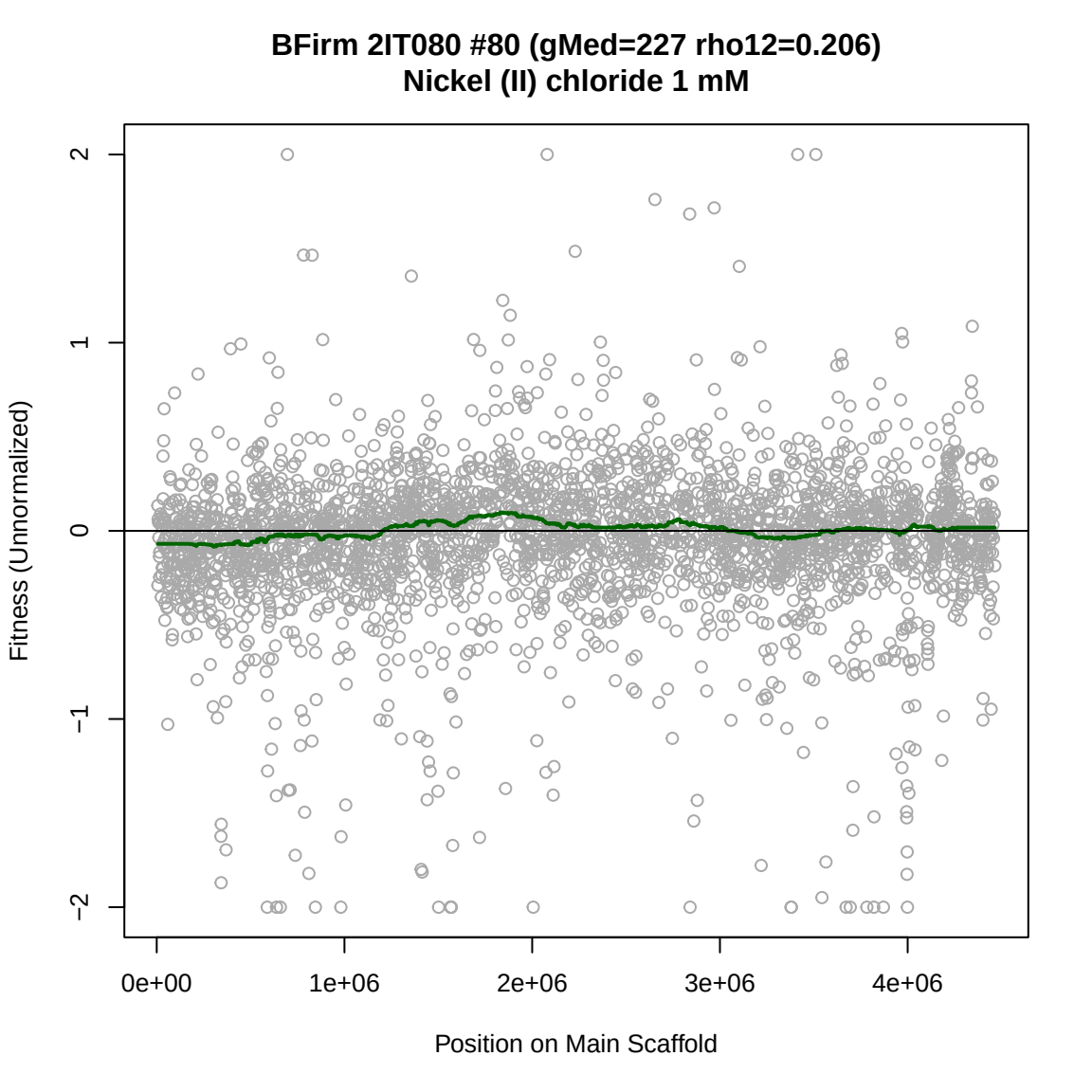

BFirm 2IT075 #75 (gMed=116 rho12=0.114)
Glycerol (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

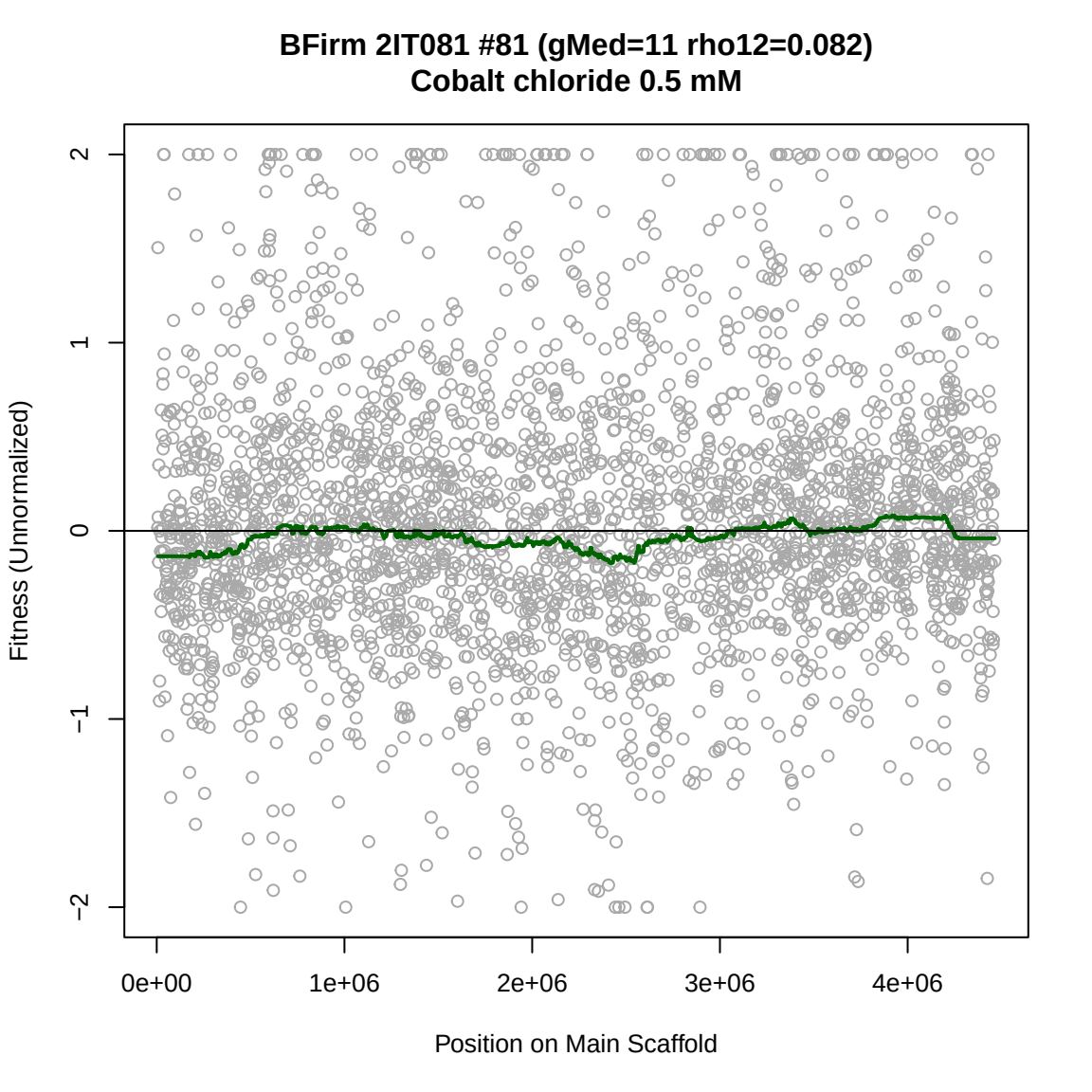

BFirm 2IT076 #76 (gMed=232 rho12=0.184)
L−Arginine (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

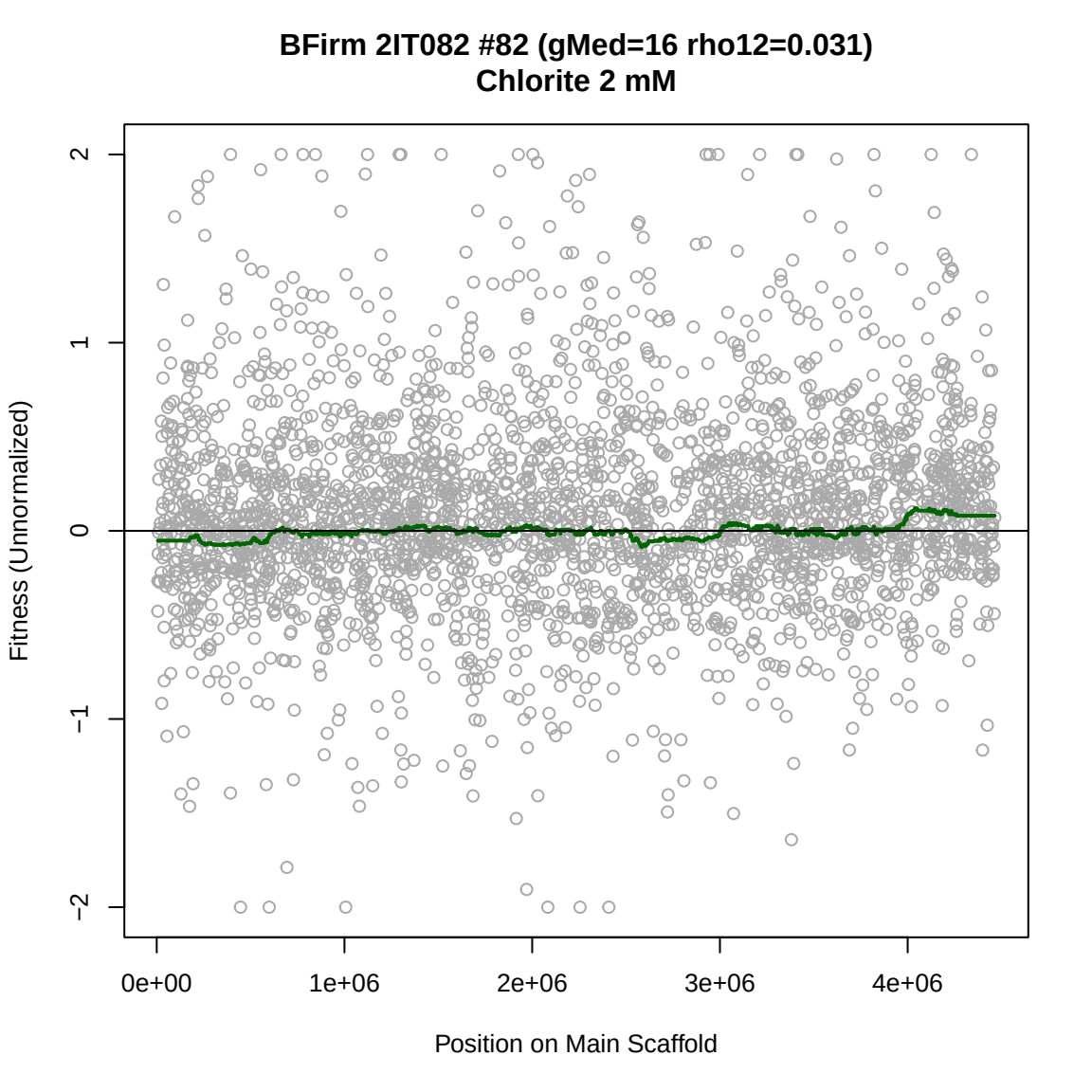

BFirm 2IT077 #77 (gMed=184 rho12=0.217)
Gly−Glu (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

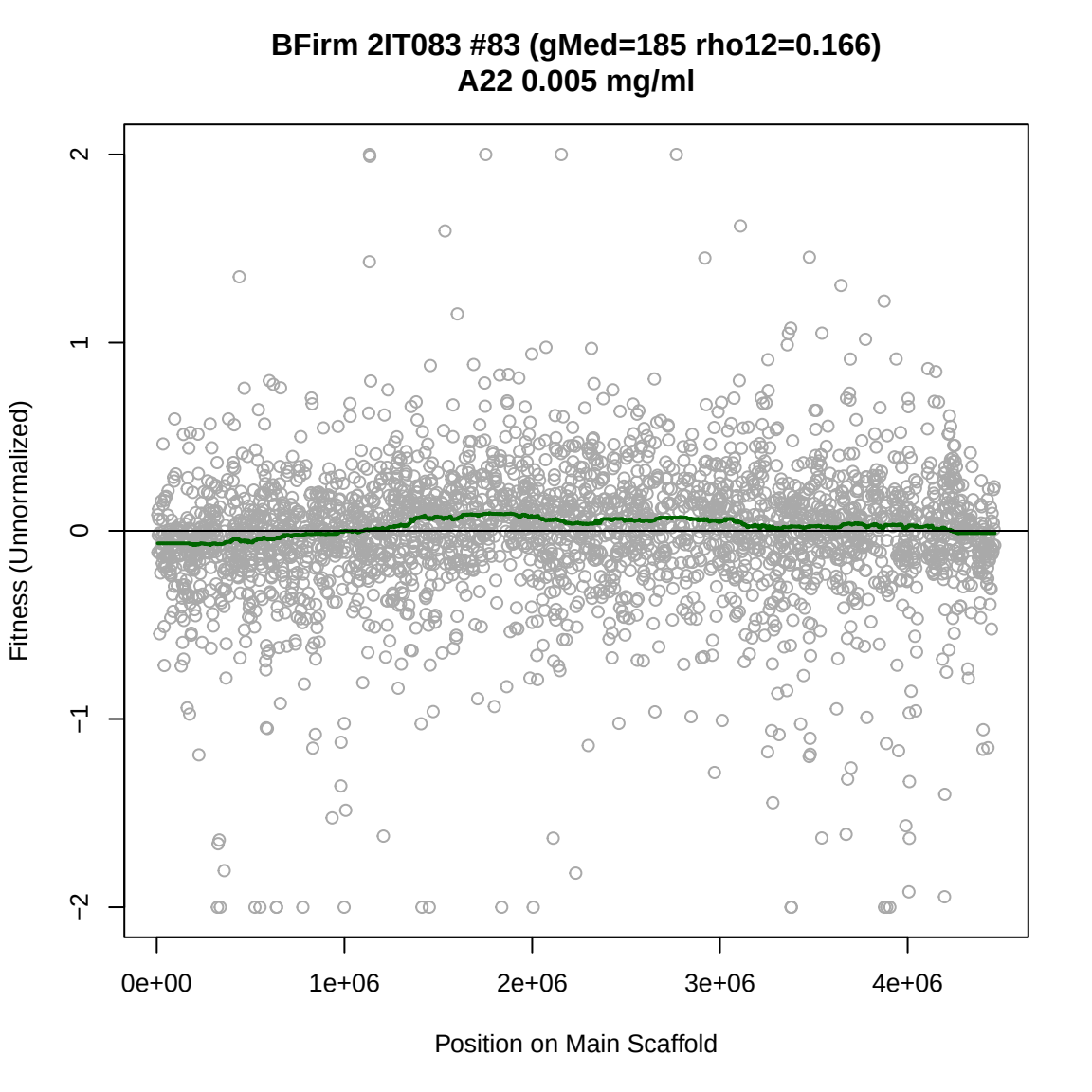

BFirm 2IT078 #78 (gMed=180 rho12=0.071)
casaminos (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

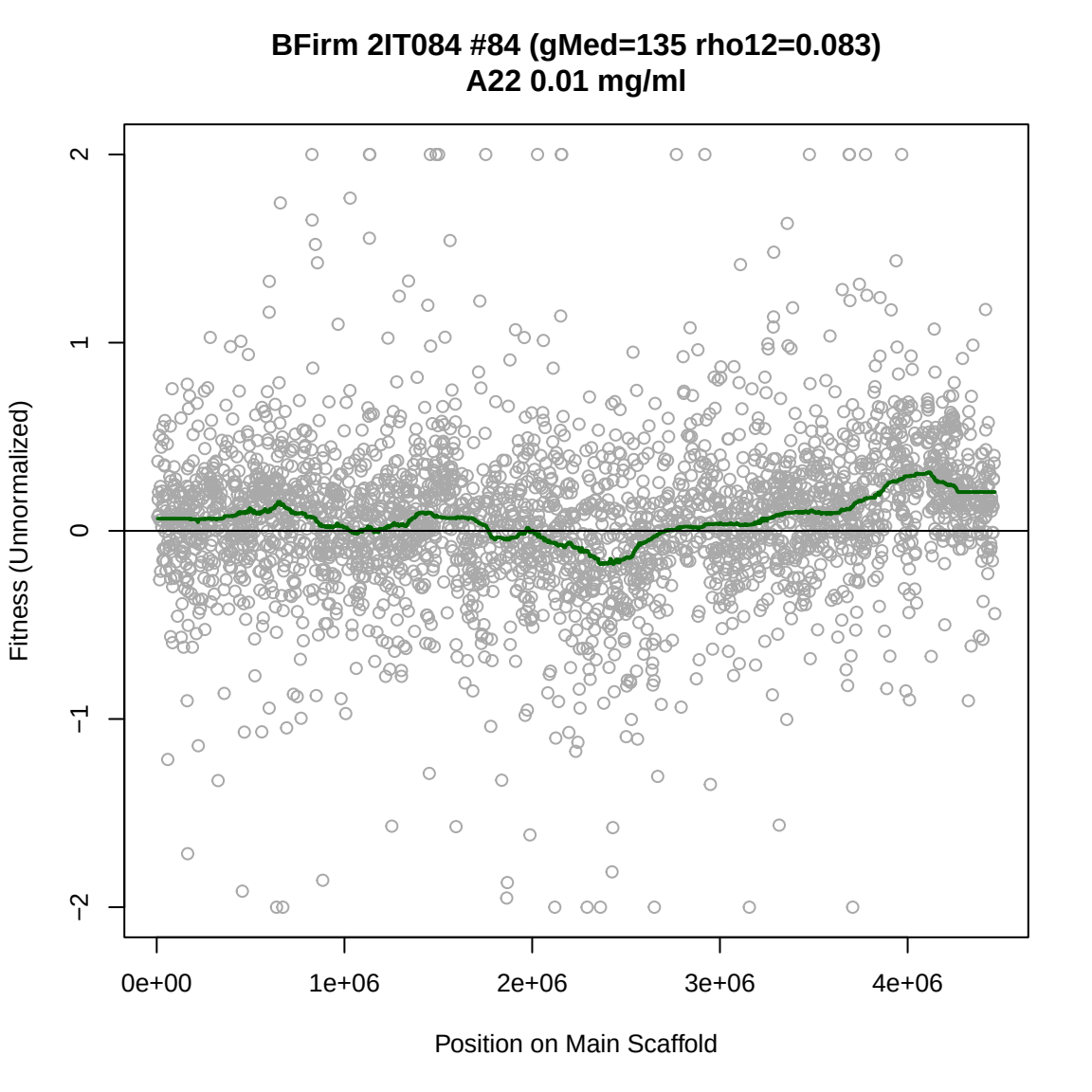

BFirm 2IT079 #79 (gMed=256 rho12=0.204)
D−Glucosamine Hydrochloride (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

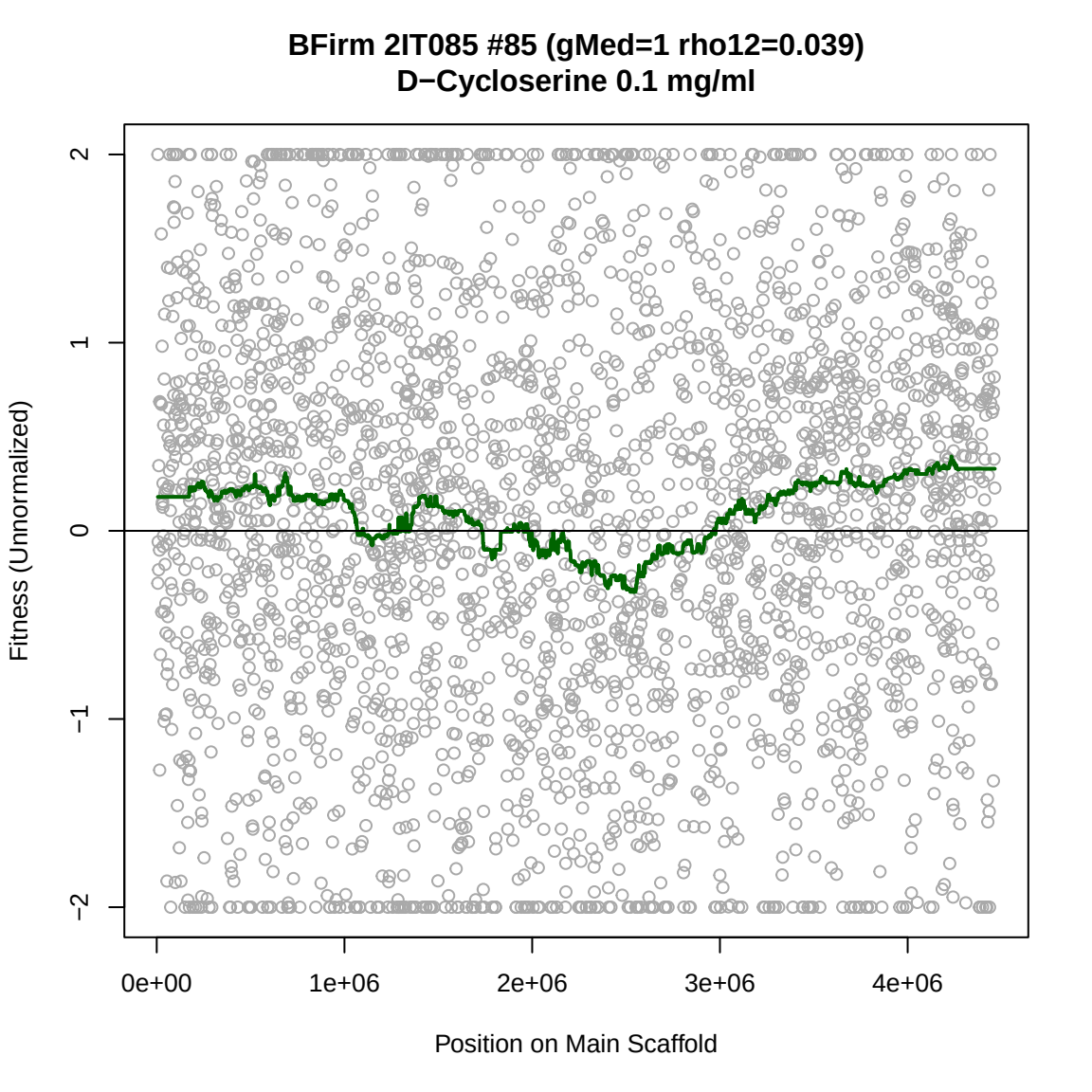

BFirm 2IT080 #80 (gMed=227 rho12=0.206)
Nickel (II) chloride 1 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

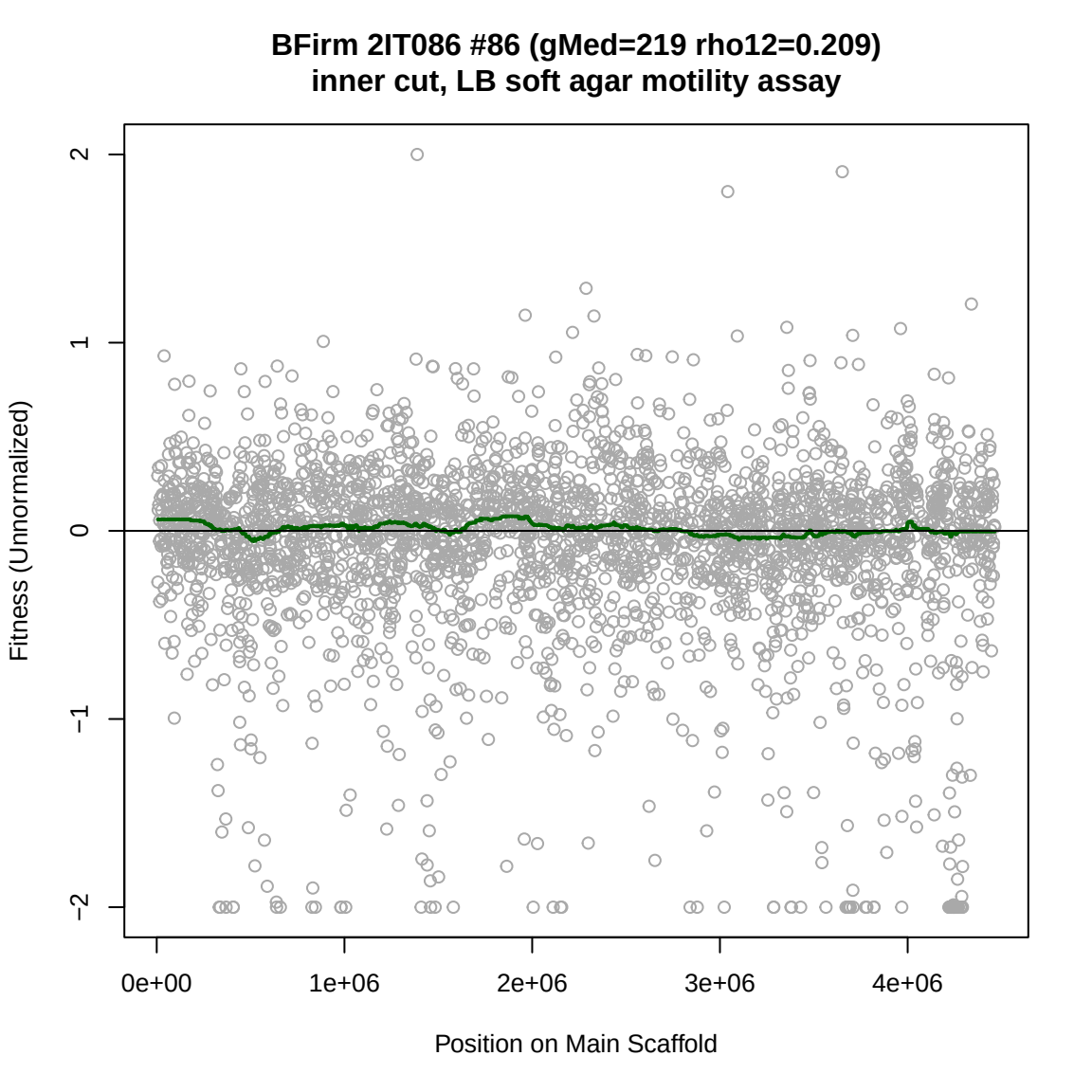

BFirm 2IT081 #81 (gMed=11 rho12=0.082)
Cobalt chloride 0.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

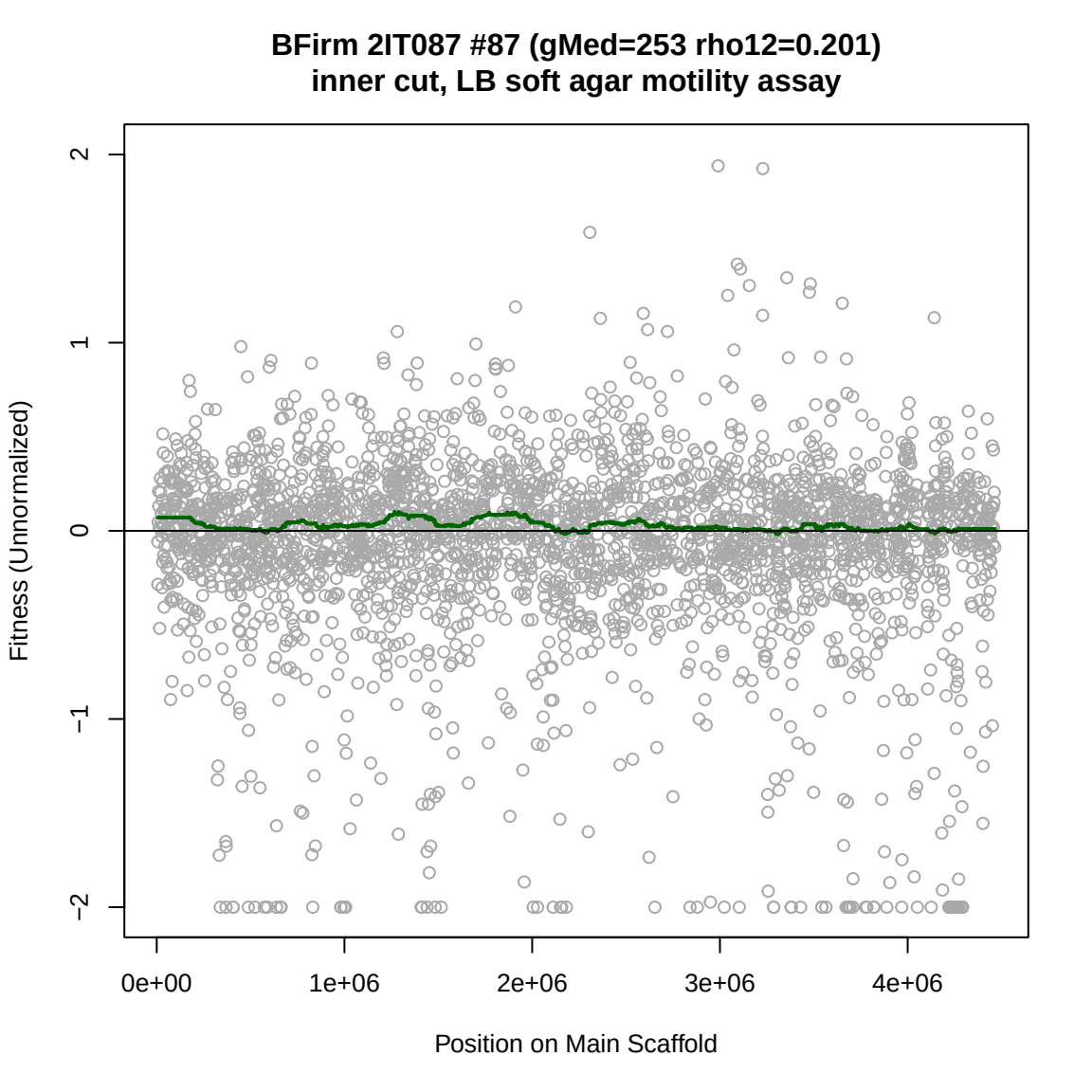

BFirm 2IT082 #82 (gMed=16 rho12=0.031)
Chlorite 2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

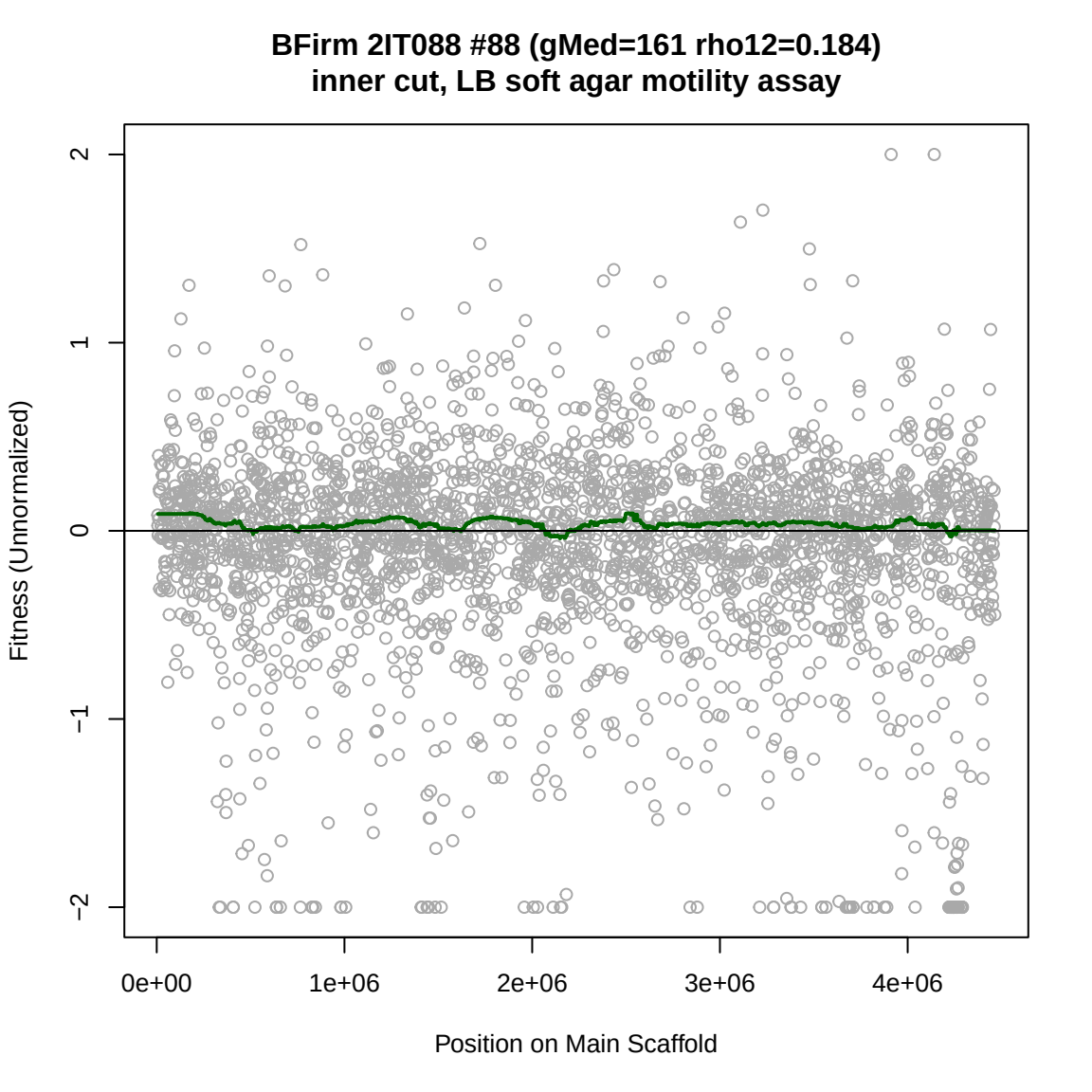

BFirm 2IT083 #83 (gMed=185 rho12=0.166)
A22 0.005 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

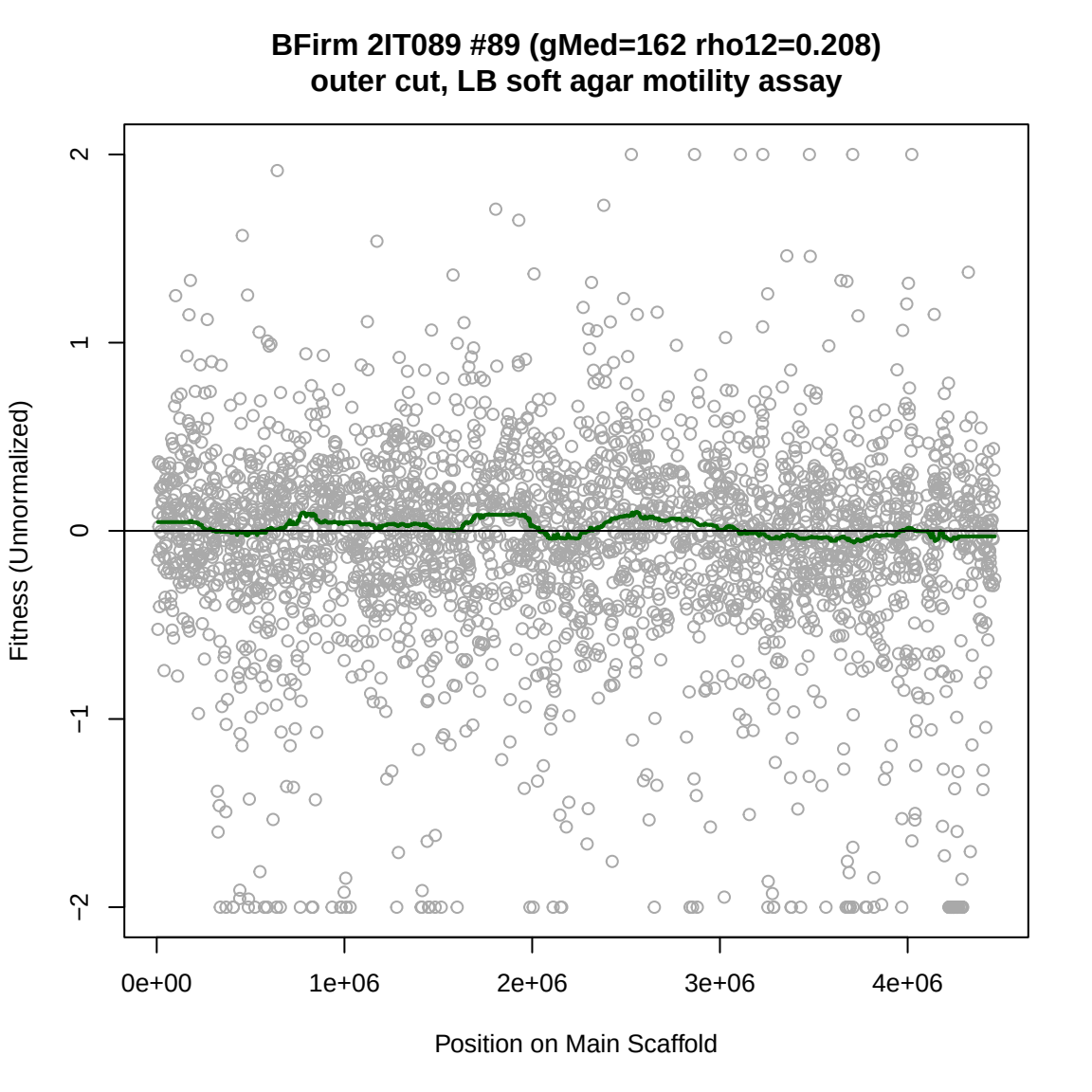

BFirm 2IT084 #84 (gMed=135 rho12=0.083)
A22 0.01 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

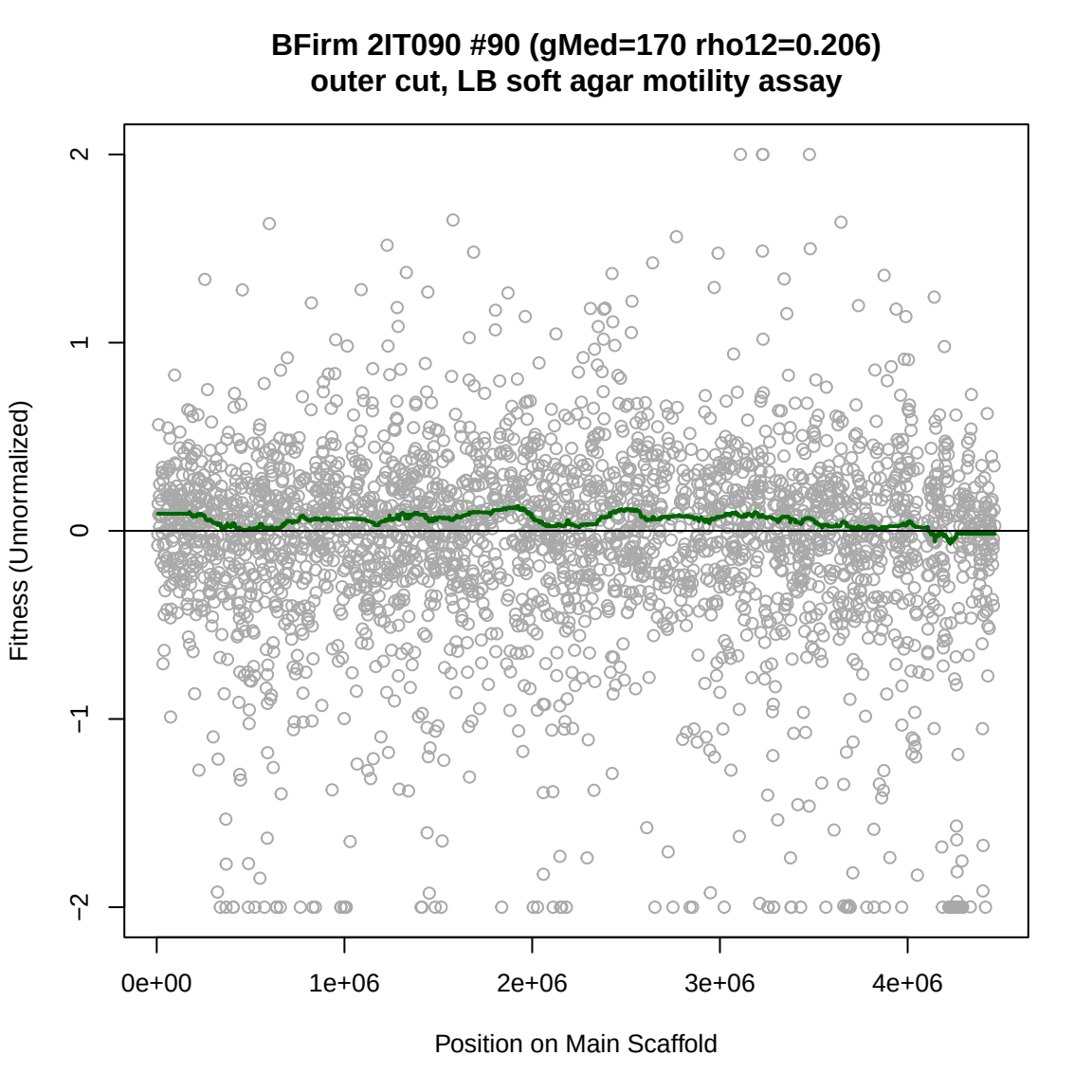

BFirm 2IT085 #85 (gMed=1 rho12=0.039)
D−Cycloserine 0.1 mg/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

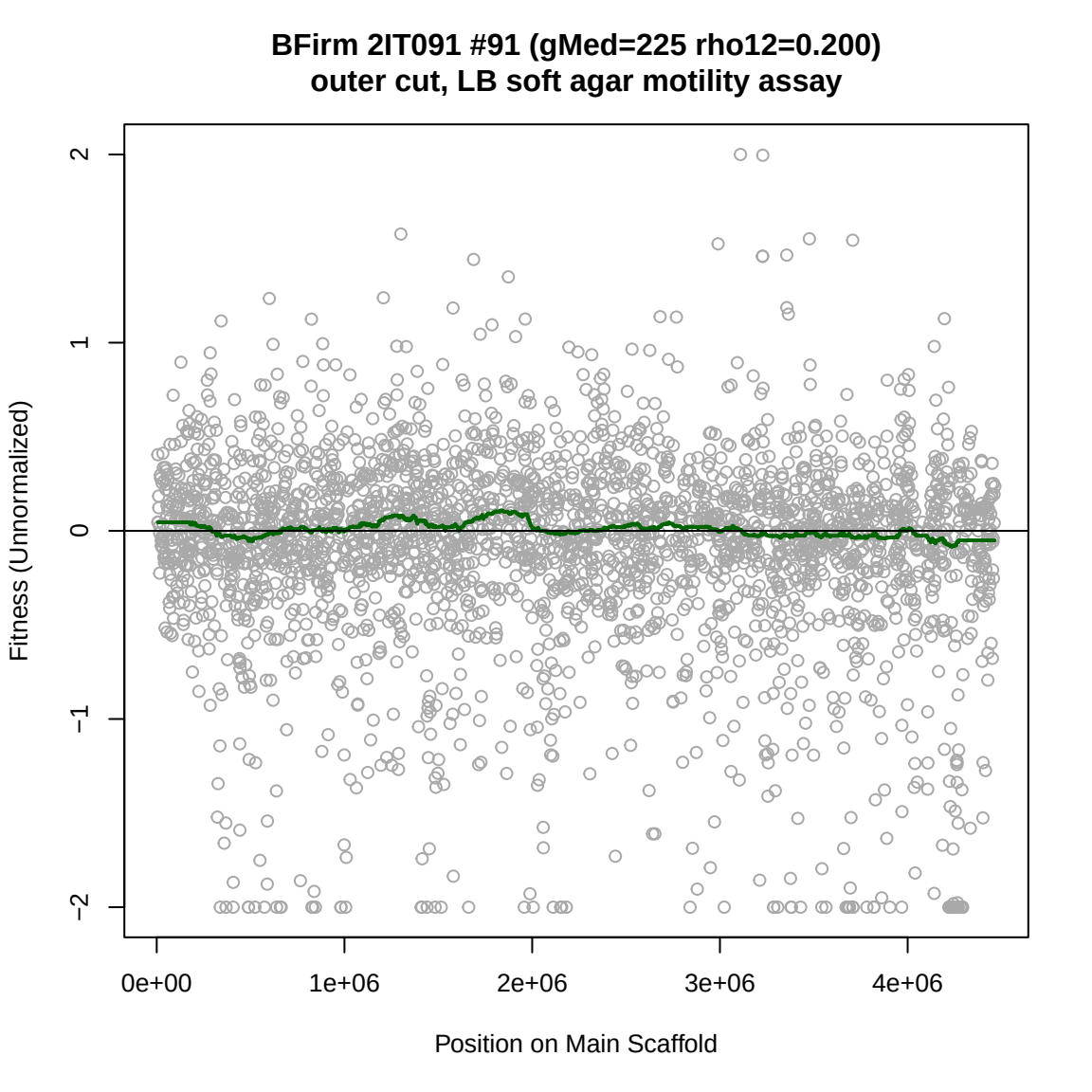

BFirm 2IT086 #86 (gMed=219 rho12=0.209)
inner cut, LB soft agar motility assay
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

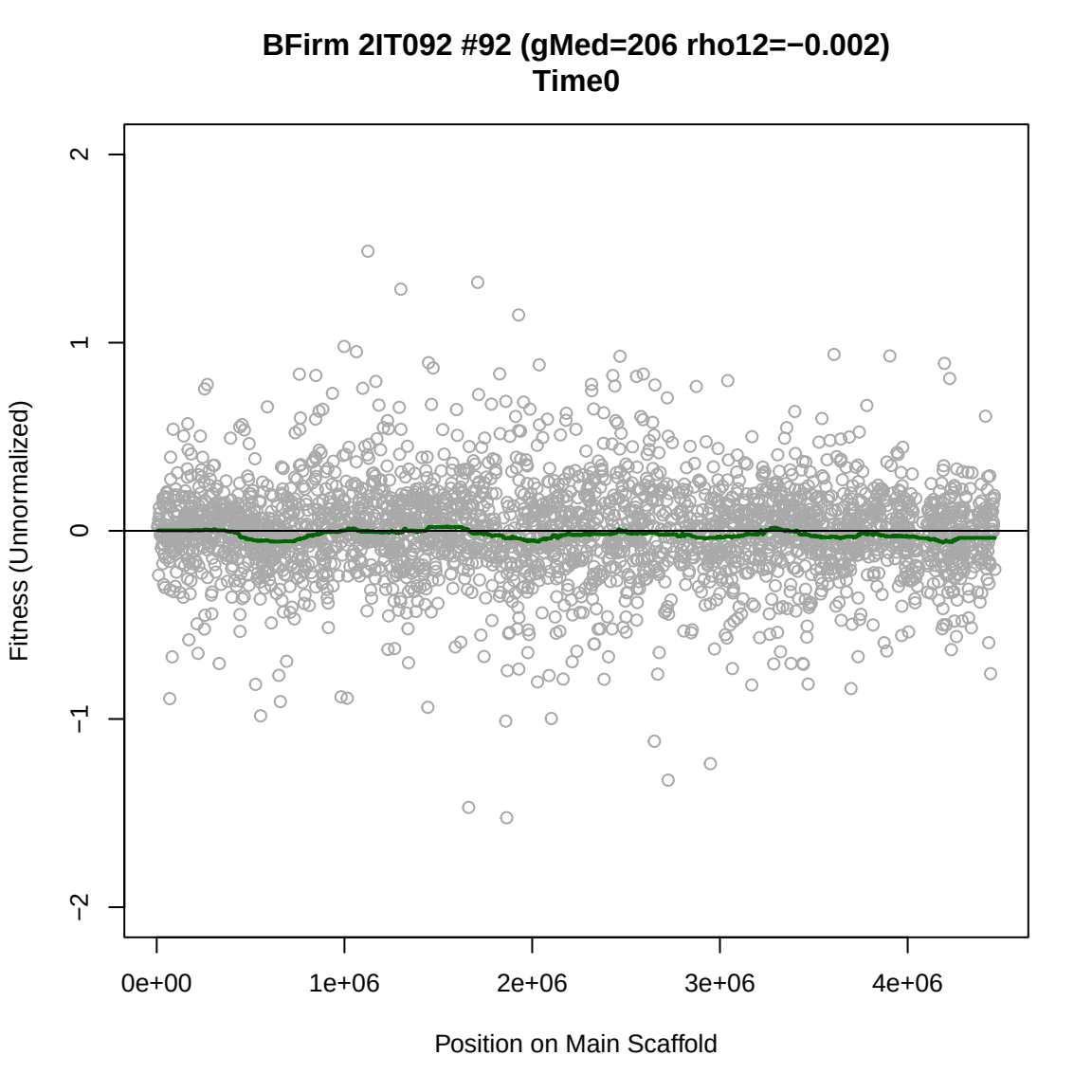

BFirm 2IT087 #87 (gMed=253 rho12=0.201)
inner cut, LB soft agar motility assay
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

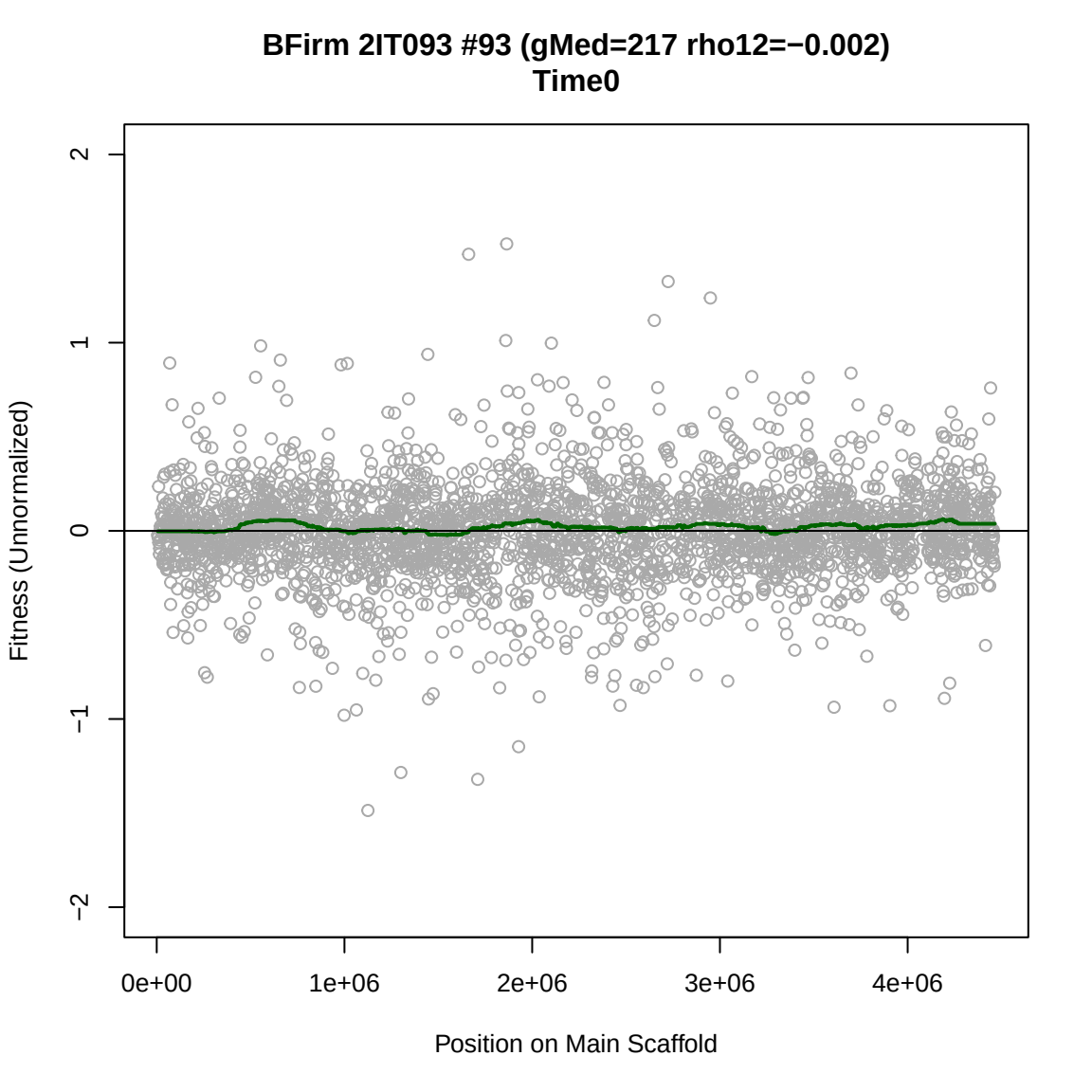

BFirm 2IT088 #88 (gMed=161 rho12=0.184)
inner cut, LB soft agar motility assay
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

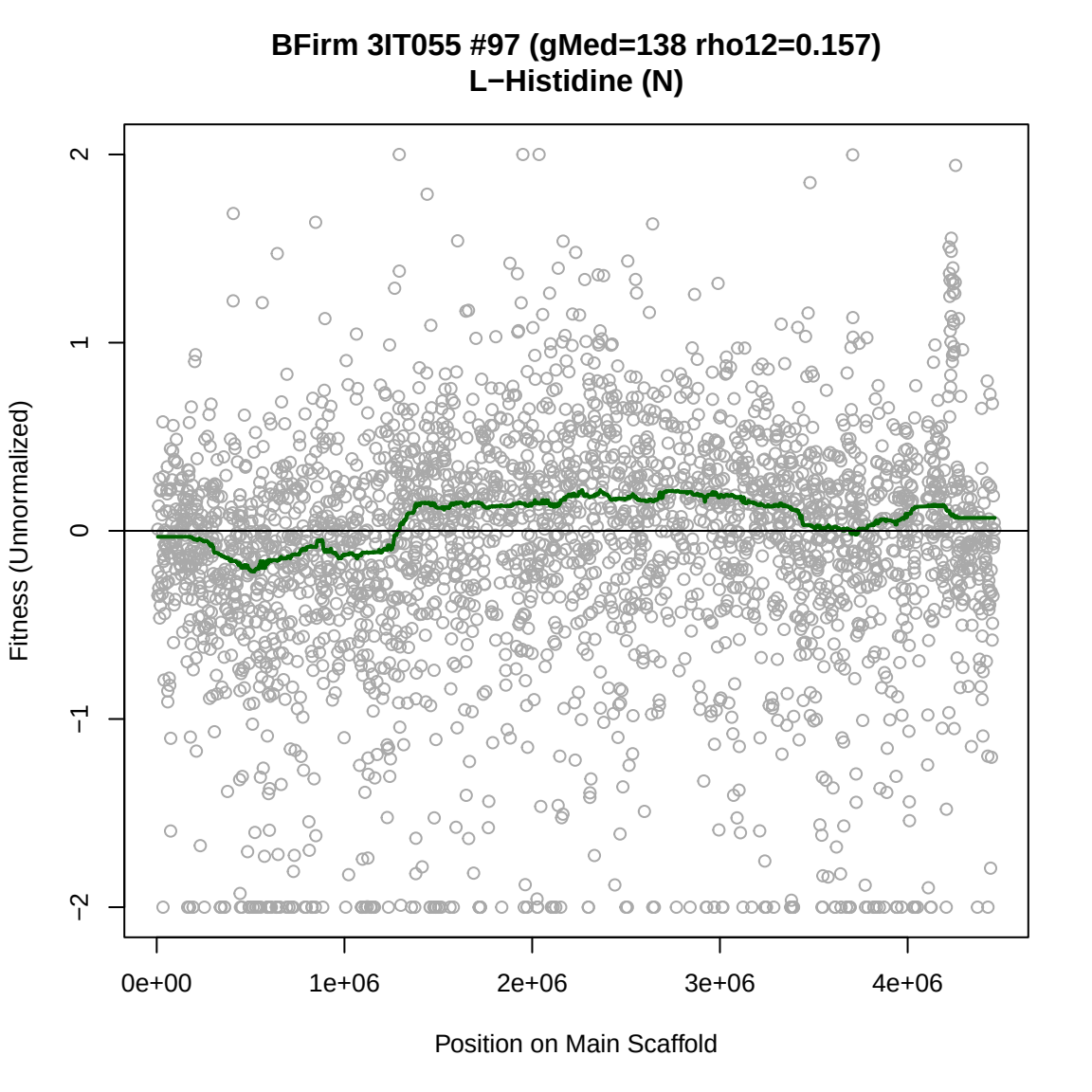

BFirm 2IT089 #89 (gMed=162 rho12=0.208)
outer cut, LB soft agar motility assay
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

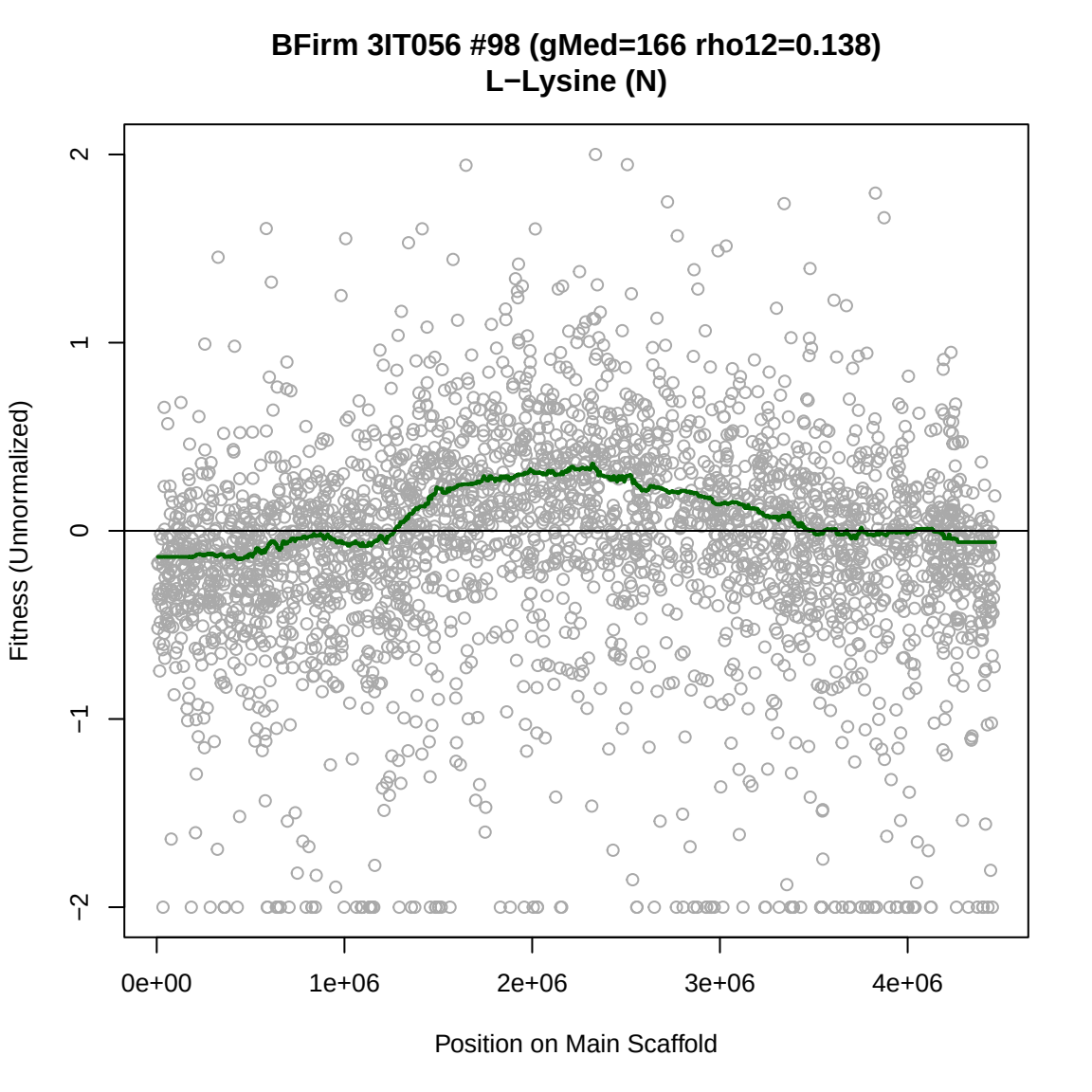

BFirm 2IT090 #90 (gMed=170 rho12=0.206)
outer cut, LB soft agar motility assay
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

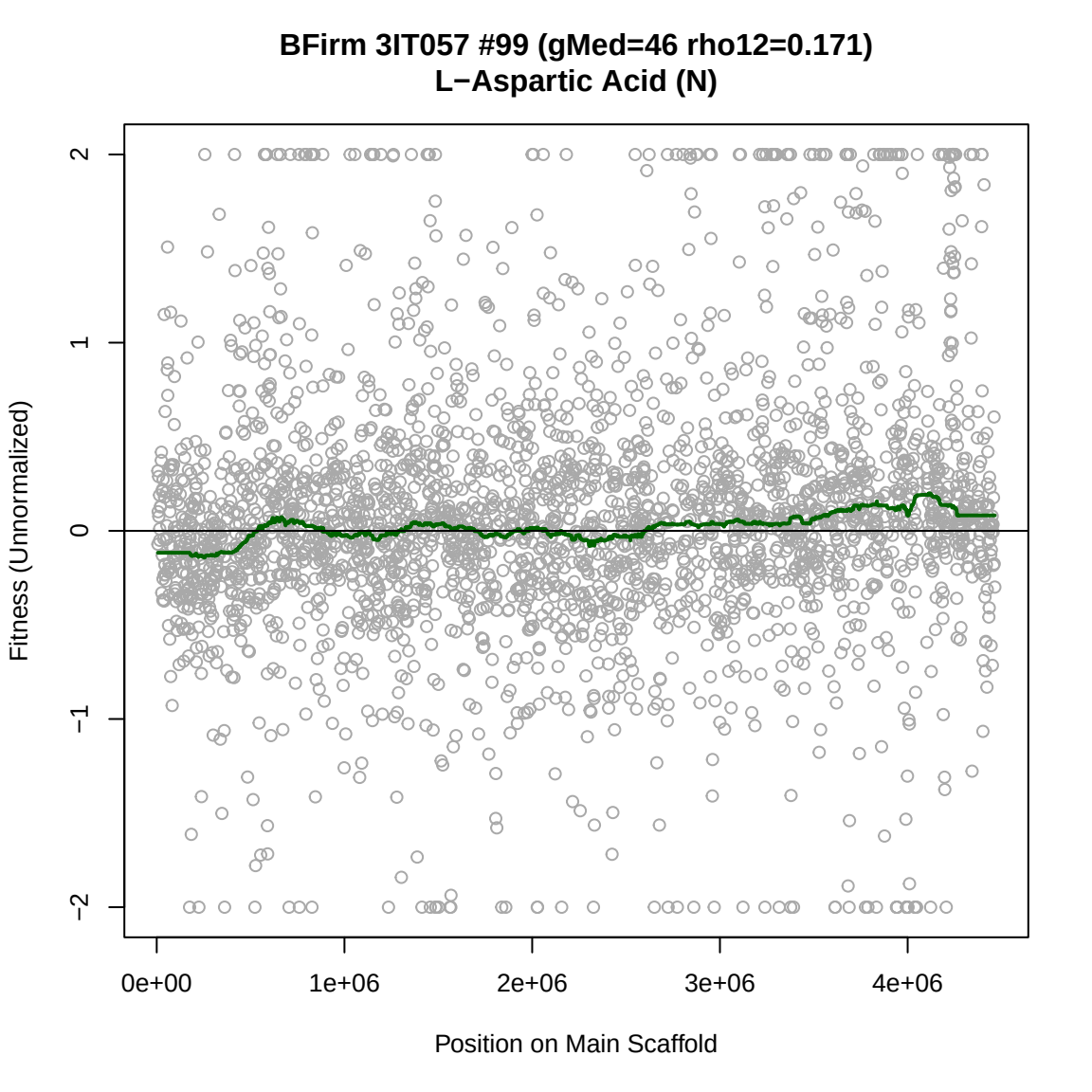

BFirm 2IT091 #91 (gMed=225 rho12=0.200)
outer cut, LB soft agar motility assay
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

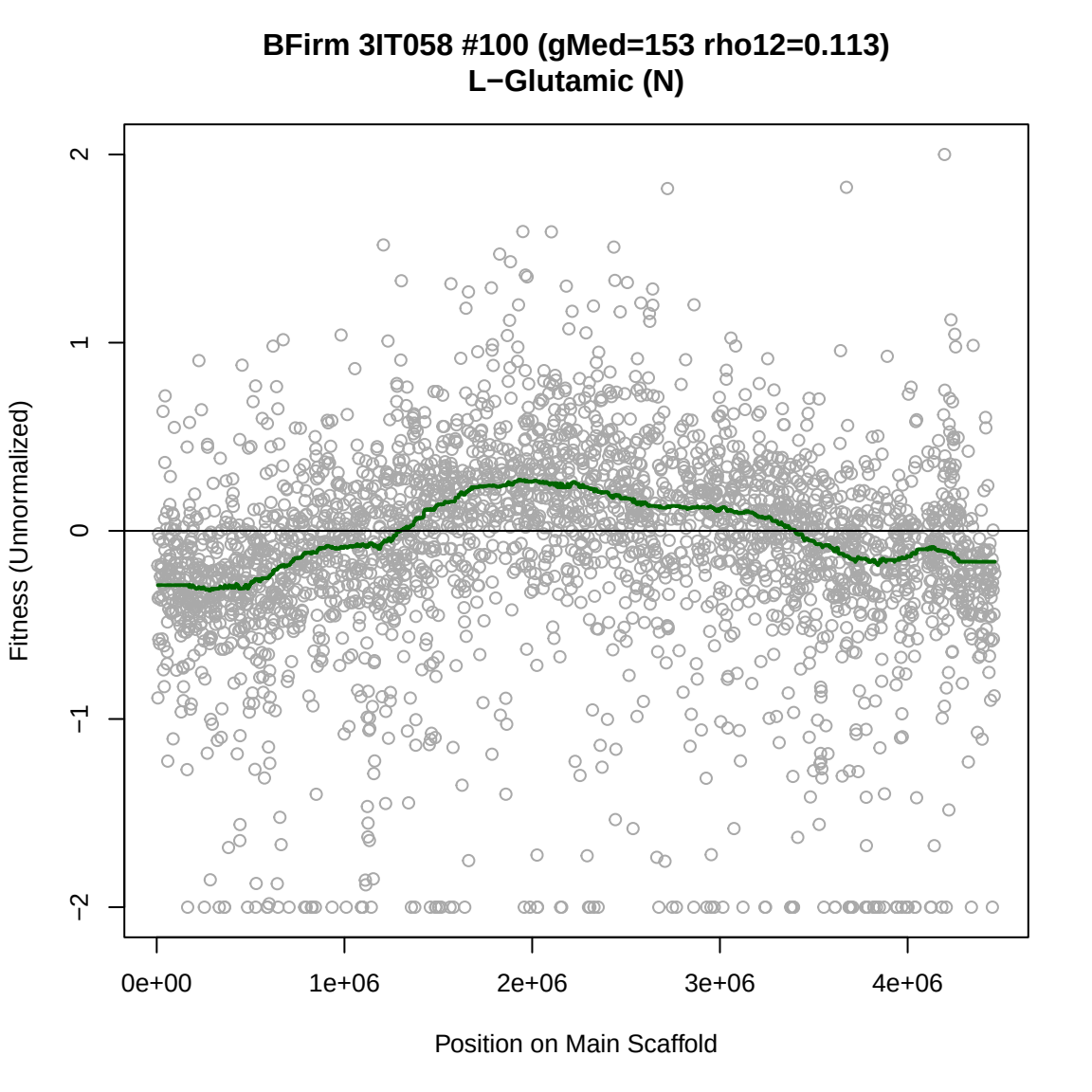

BFirm 2IT092 #92 (gMed=206 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

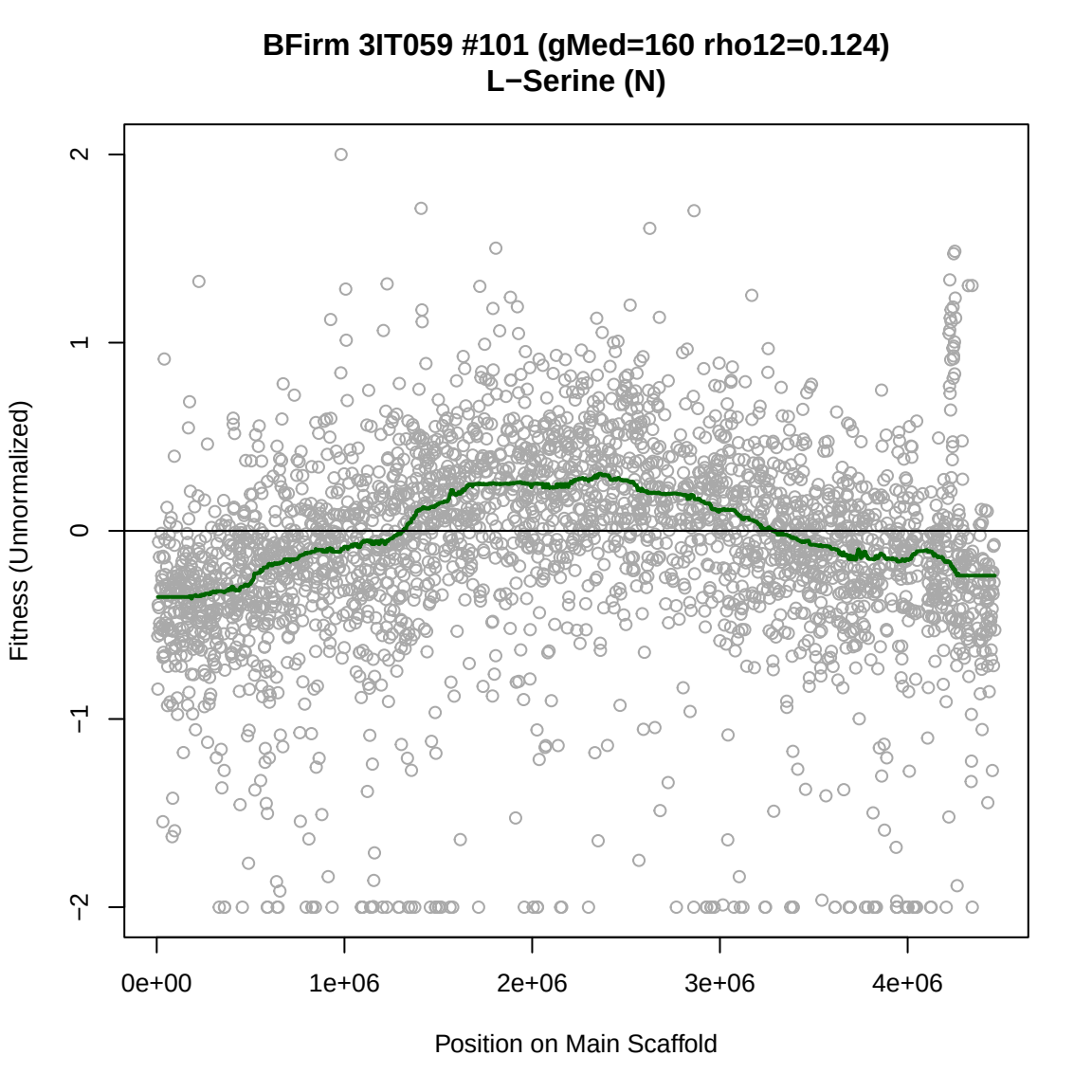

BFirm 2IT093 #93 (gMed=217 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

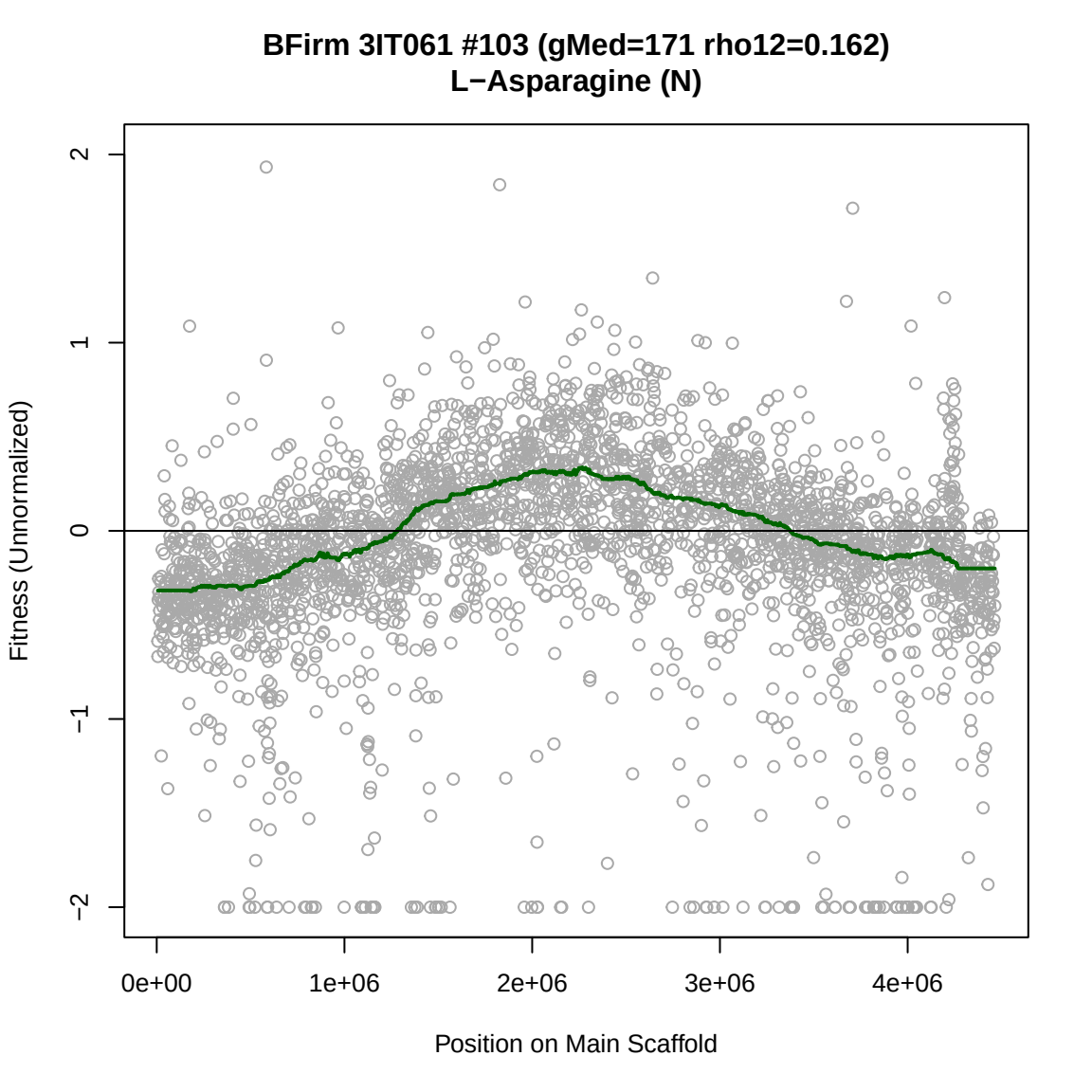

BFirm 3IT055 #97 (gMed=138 rho12=0.157)
L−Histidine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

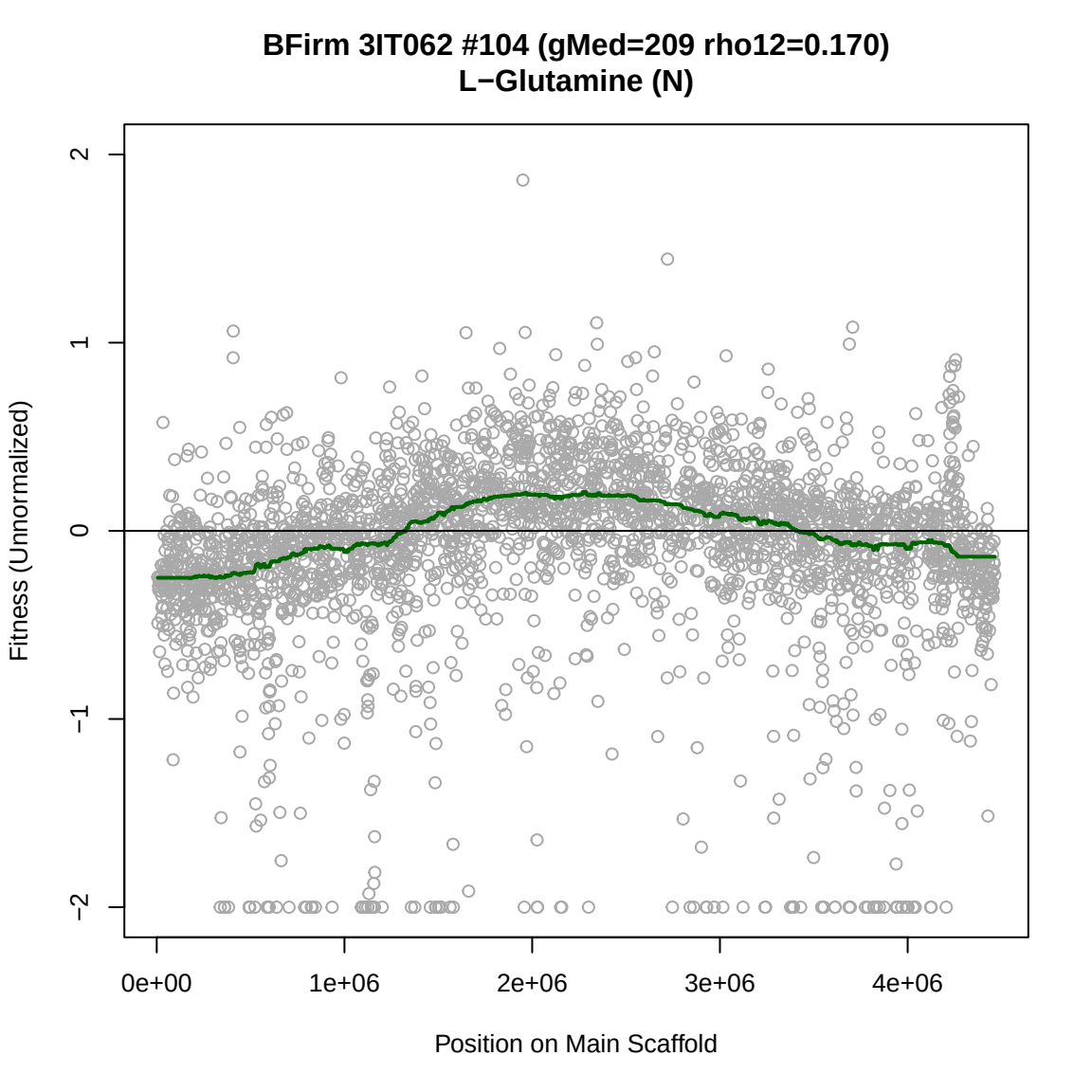

BFirm 3IT056 #98 (gMed=166 rho12=0.138)
L−Lysine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

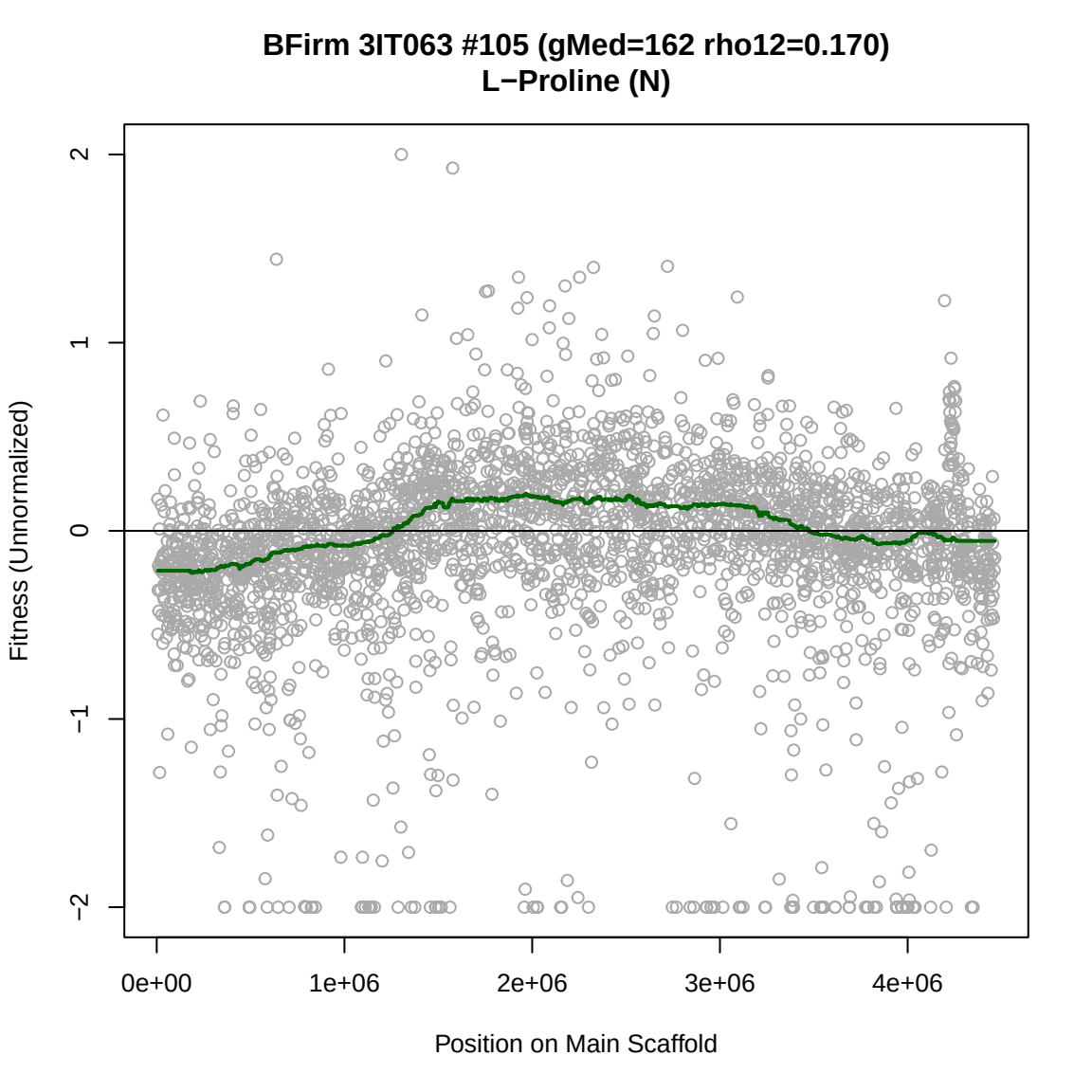

BFirm 3IT057 #99 (gMed=46 rho12=0.171)
L−Aspartic Acid (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

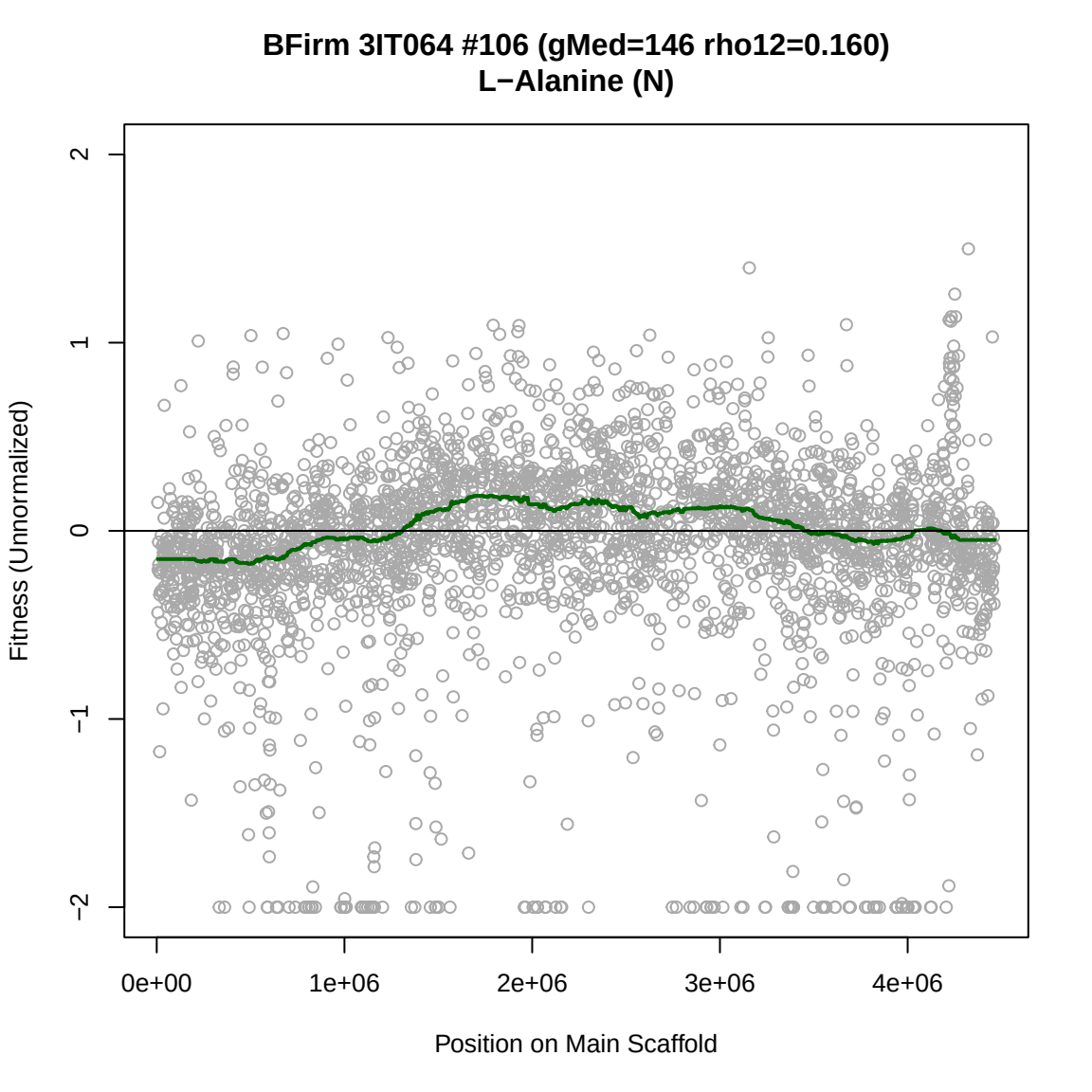

BFirm 3IT058 #100 (gMed=153 rho12=0.113)
L−Glutamic (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

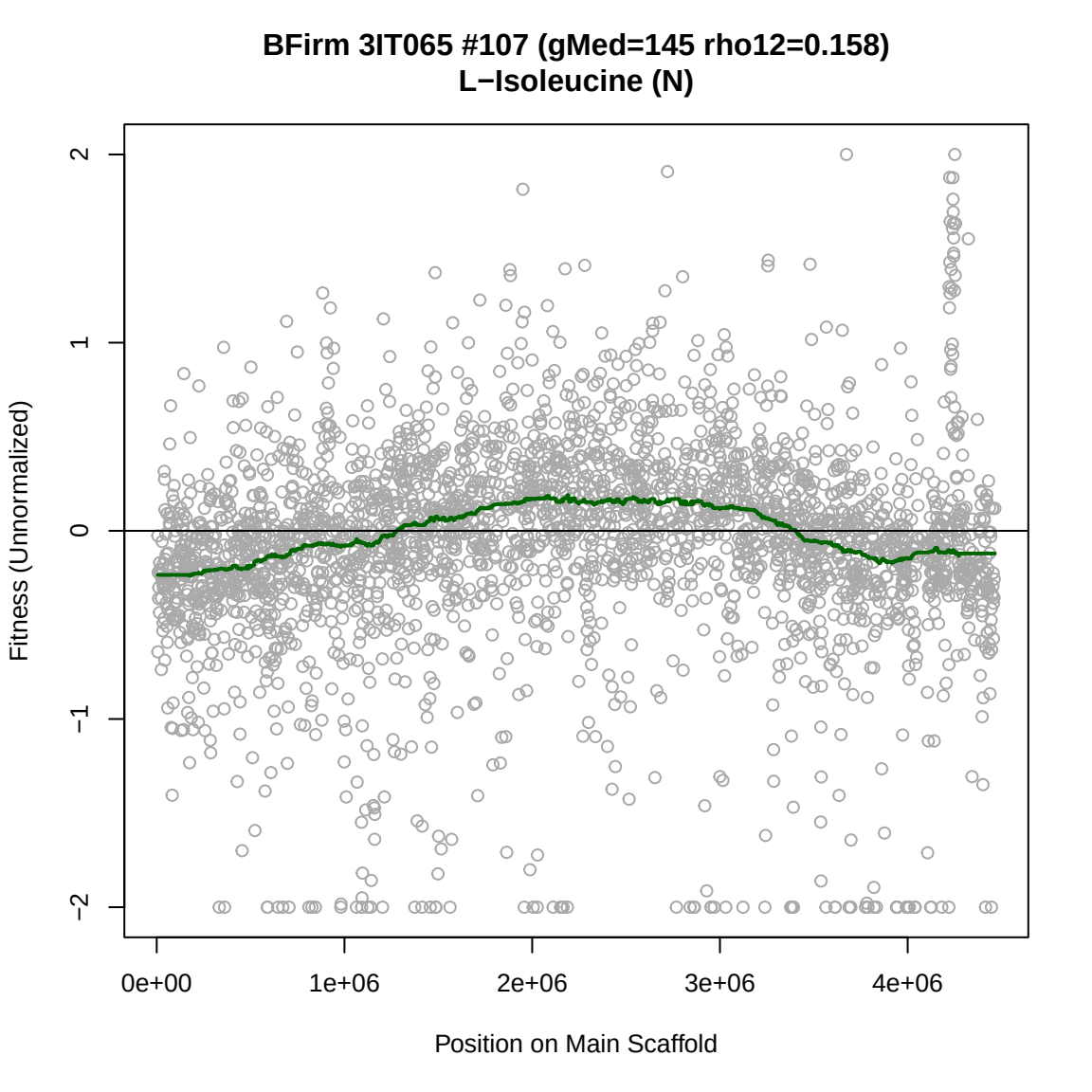

BFirm 3IT059 #101 (gMed=160 rho12=0.124)
L−Serine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

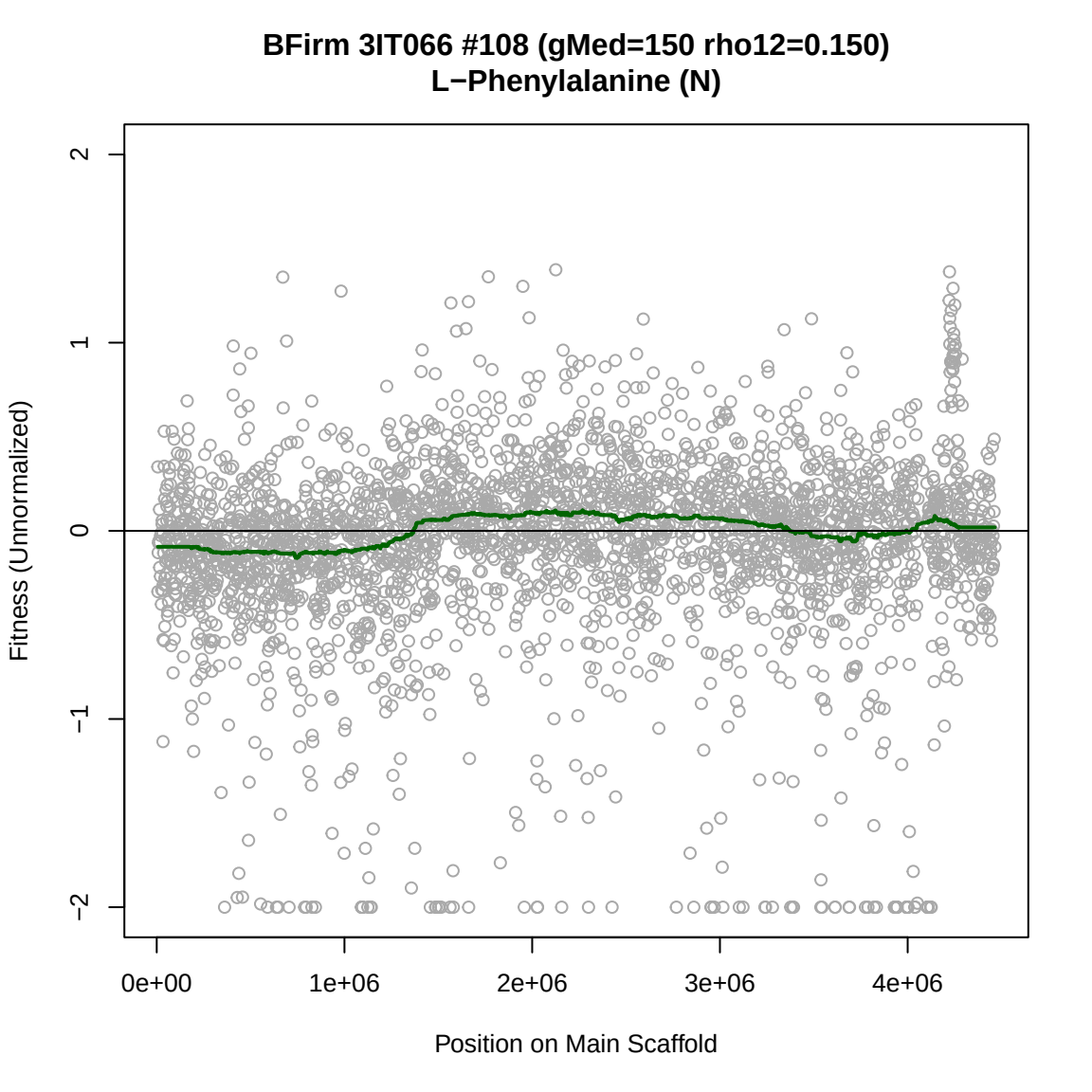

BFirm 3IT061 #103 (gMed=171 rho12=0.162)
L−Asparagine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

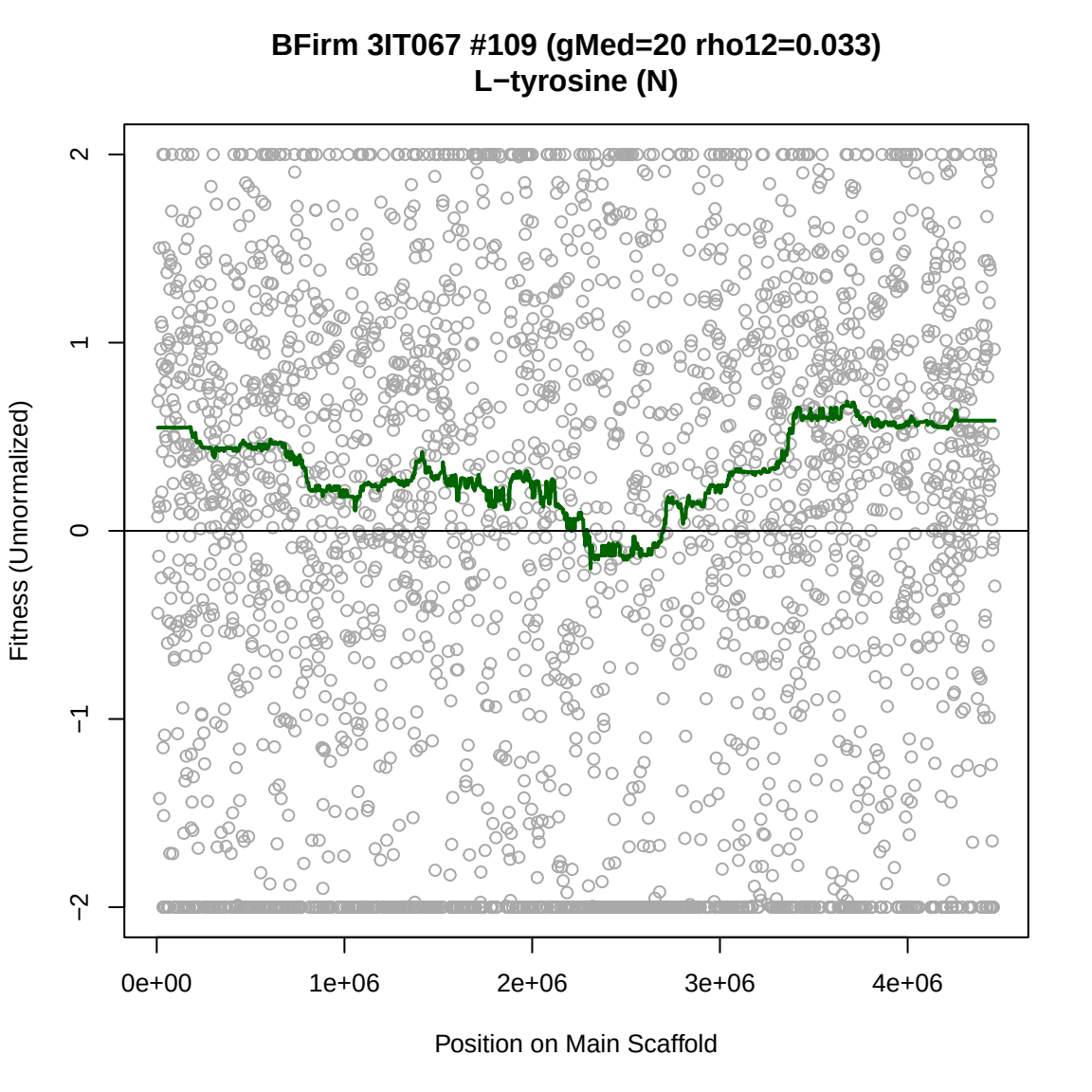

BFirm 3IT062 #104 (gMed=209 rho12=0.170)
L−Glutamine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

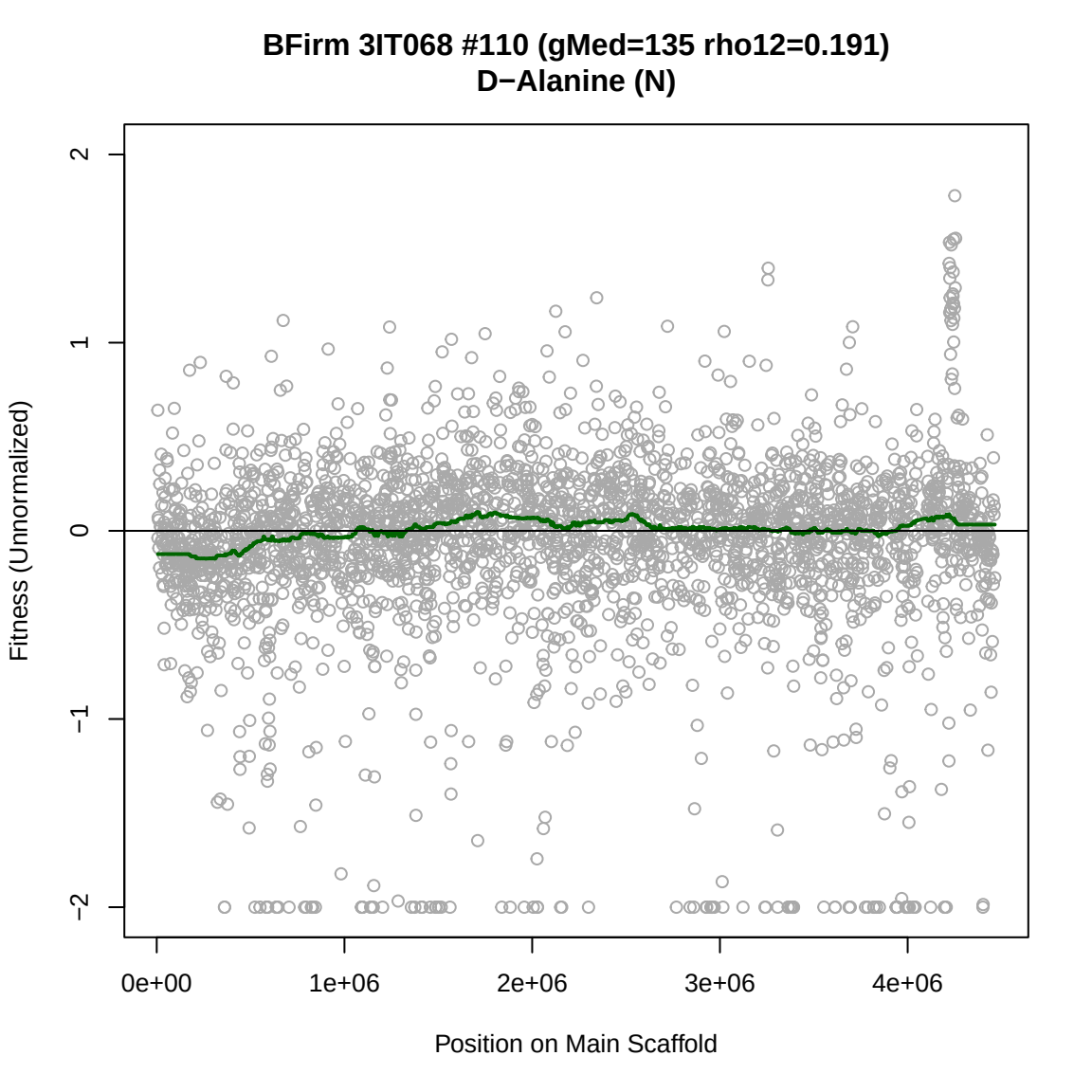

BFirm 3IT063 #105 (gMed=162 rho12=0.170)
L−Proline (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

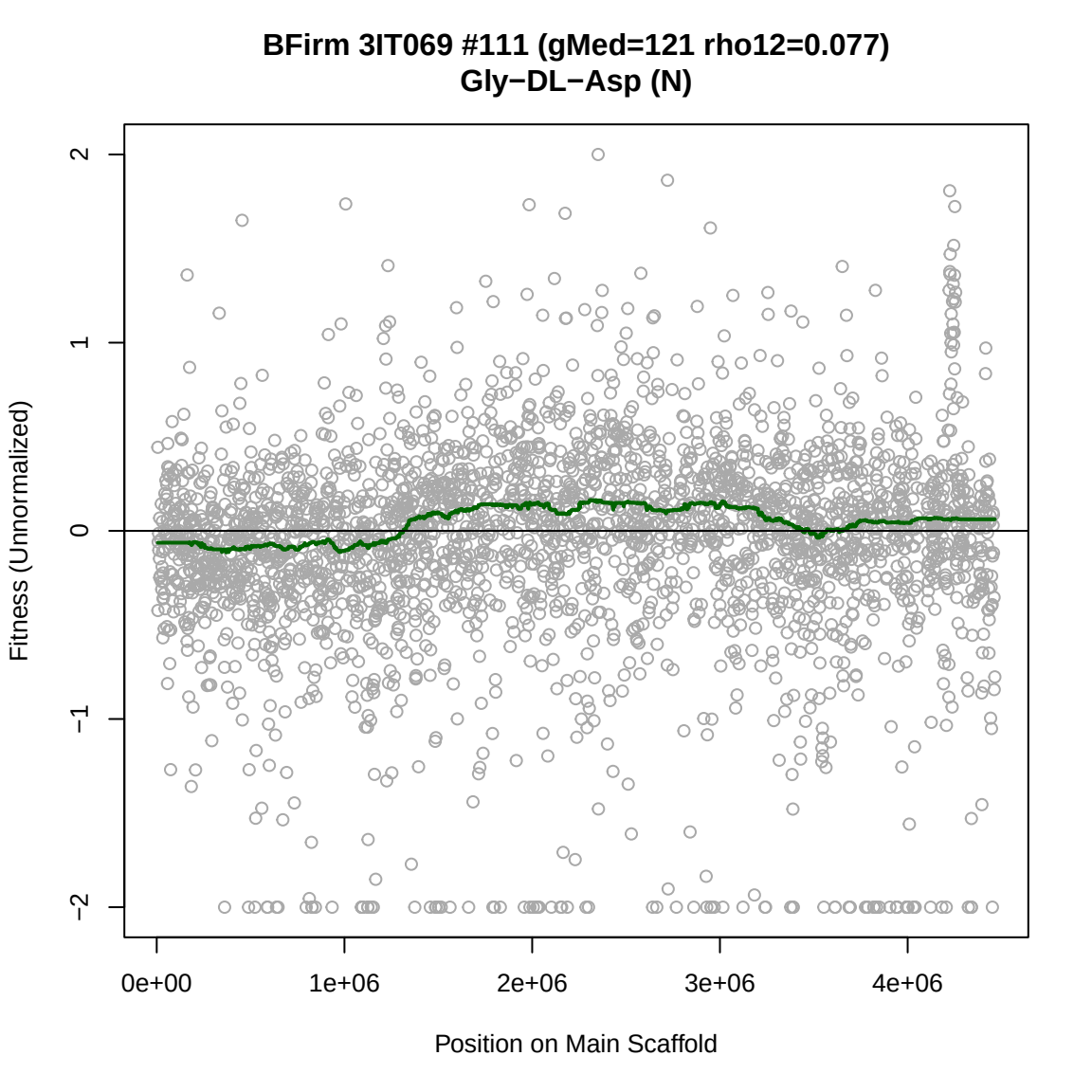

BFirm 3IT064 #106 (gMed=146 rho12=0.160)
L−Alanine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

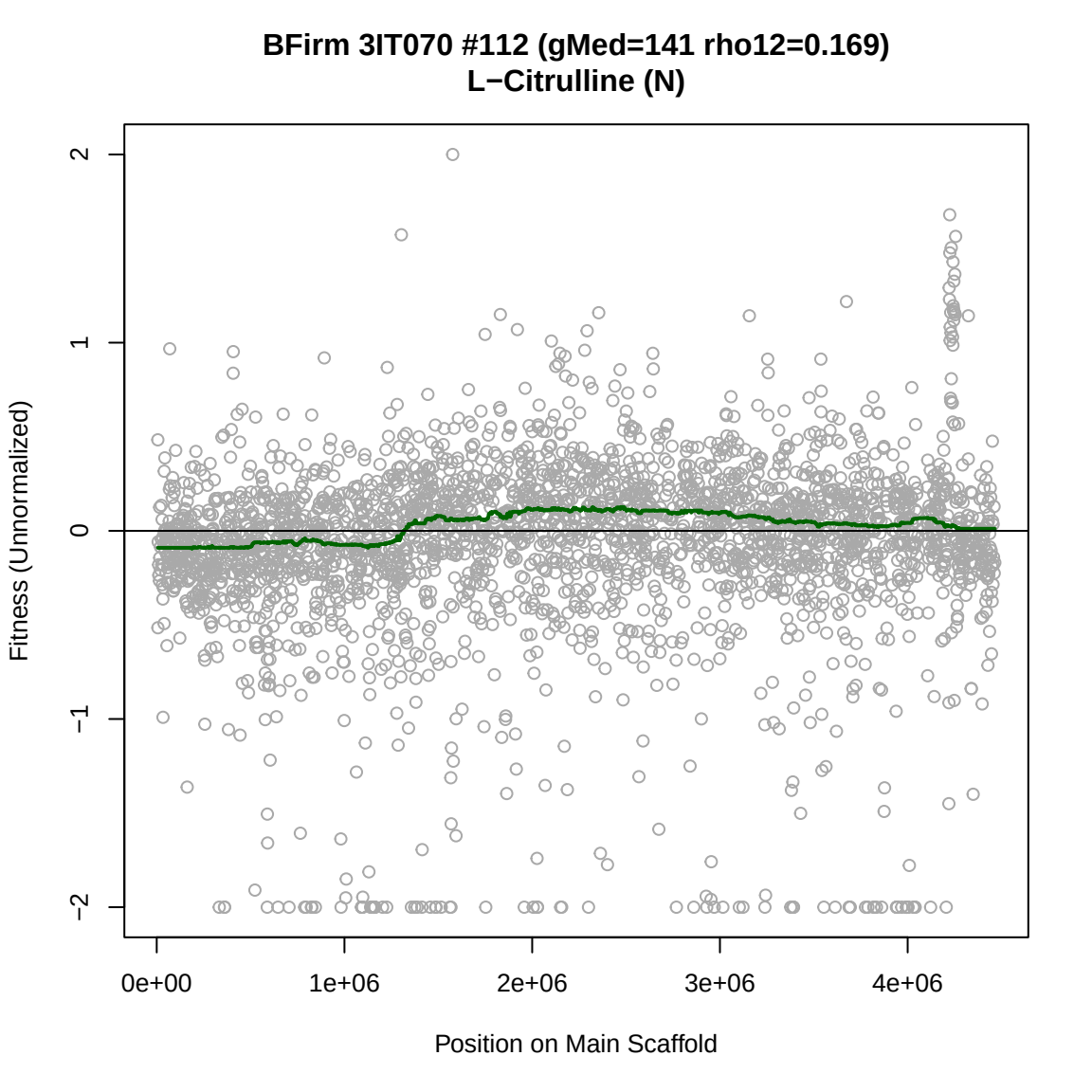

BFirm 3IT065 #107 (gMed=145 rho12=0.158)
L−Isoleucine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

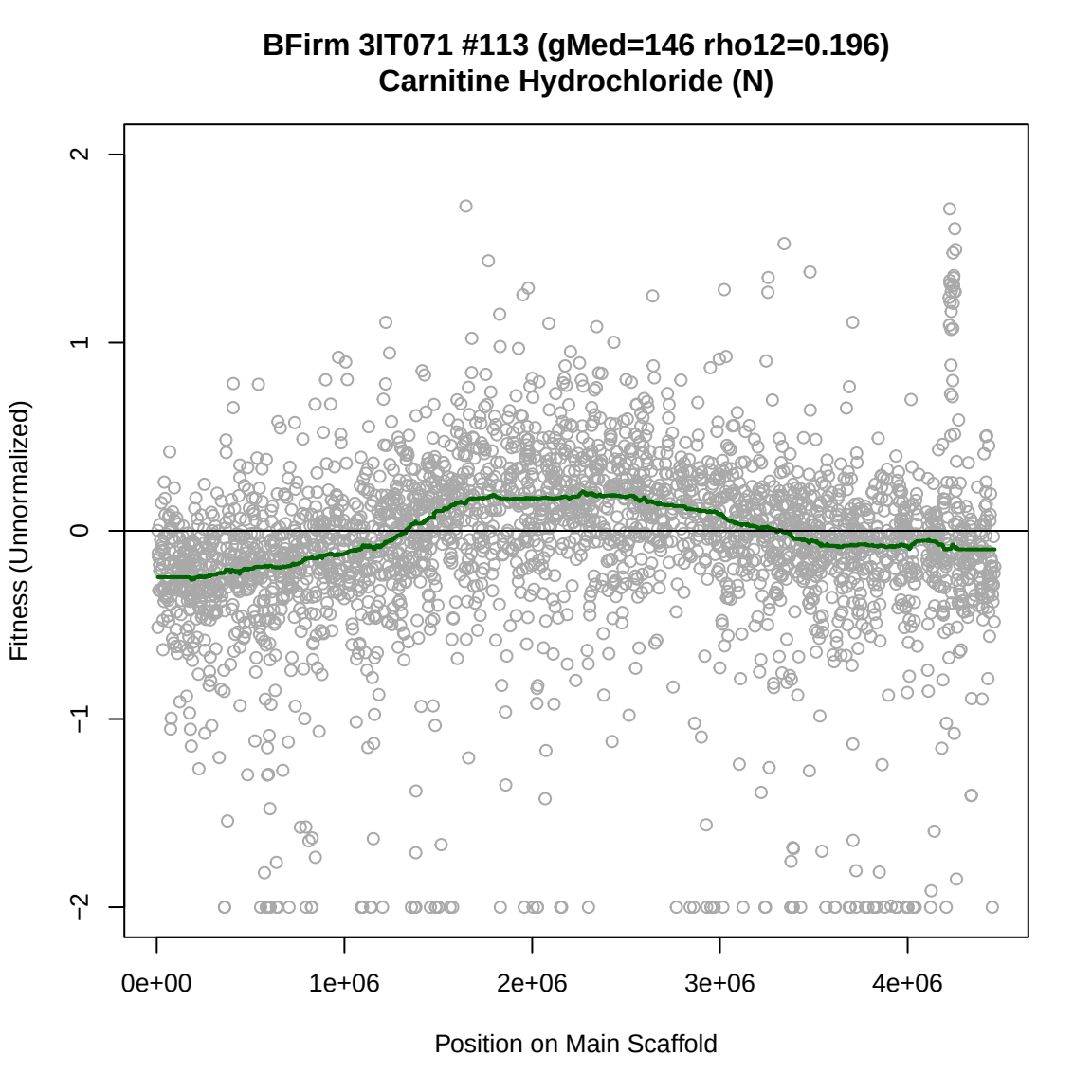

BFirm 3IT066 #108 (gMed=150 rho12=0.150)
L−Phenylalanine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

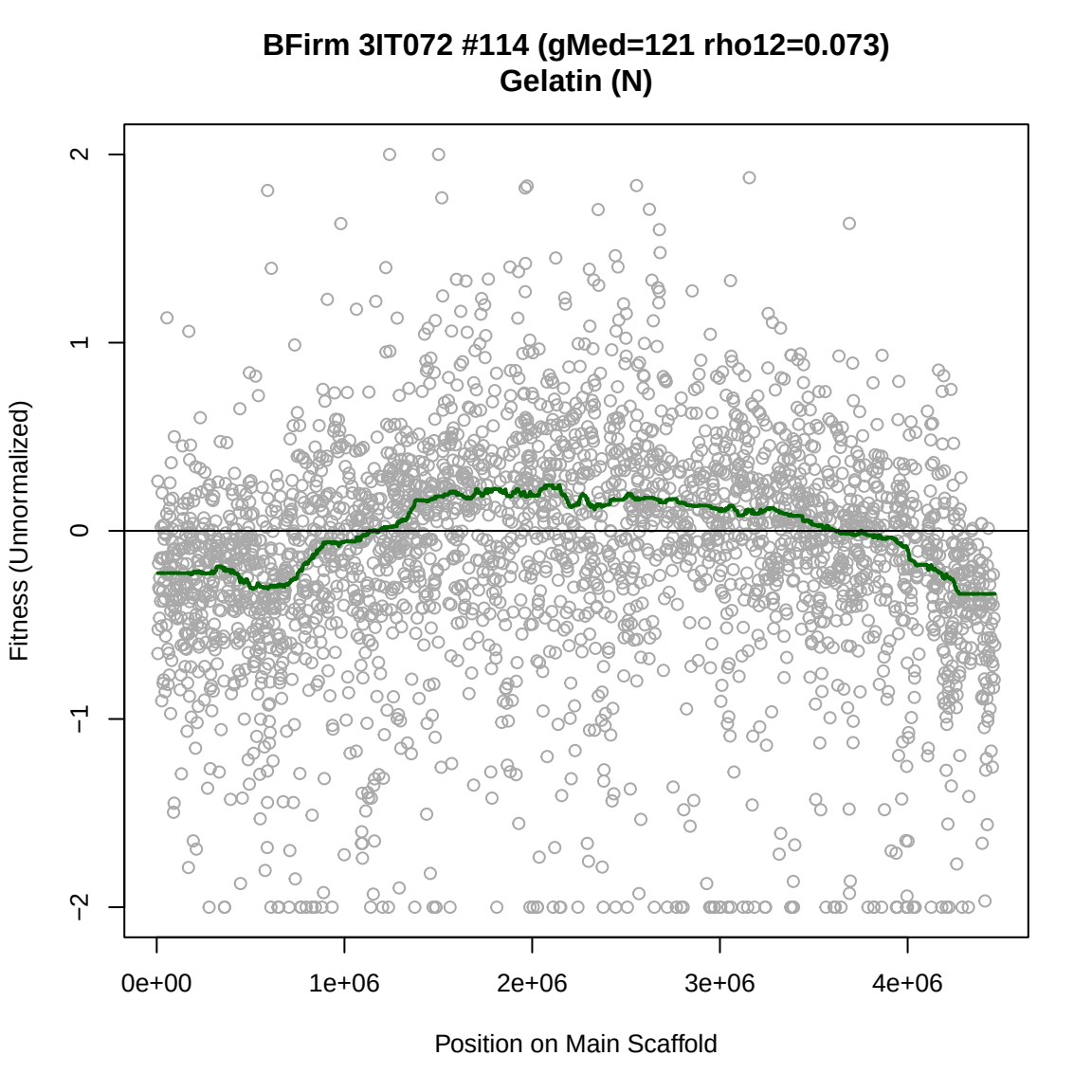

BFirm 3IT067 #109 (gMed=20 rho12=0.033)
L−tyrosine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

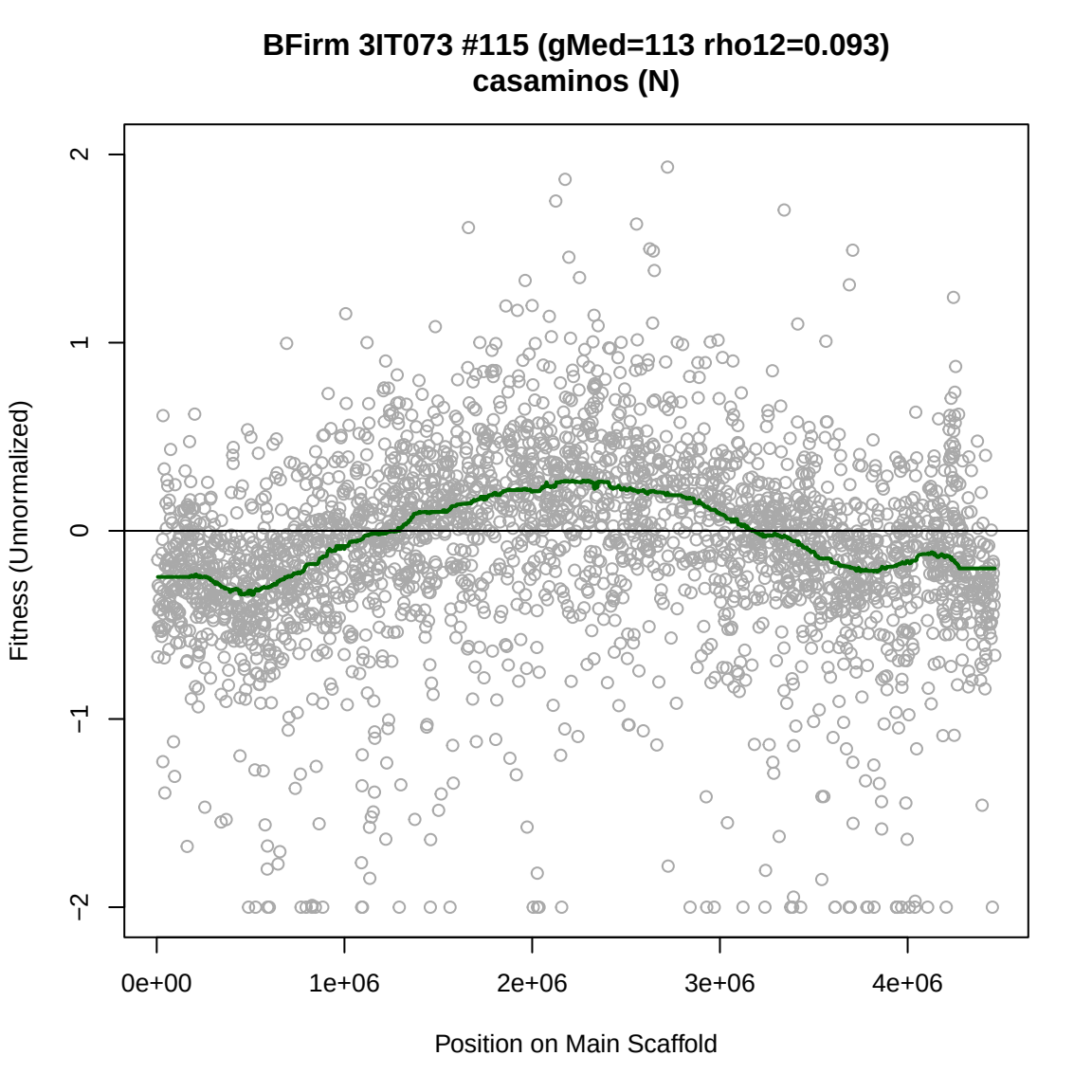

BFirm 3IT068 #110 (gMed=135 rho12=0.191)
D−Alanine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

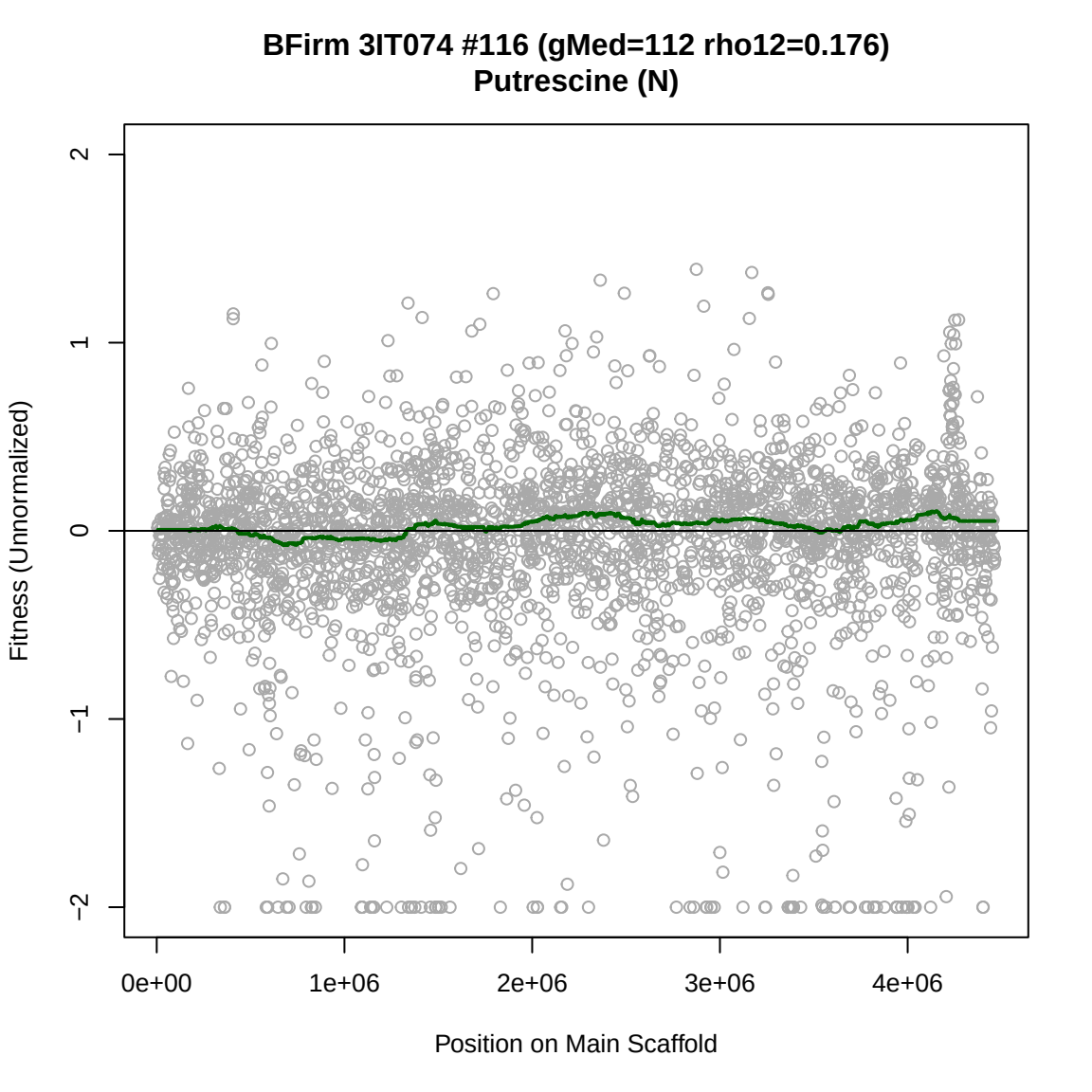

BFirm 3IT069 #111 (gMed=121 rho12=0.077)
Gly−DL−Asp (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

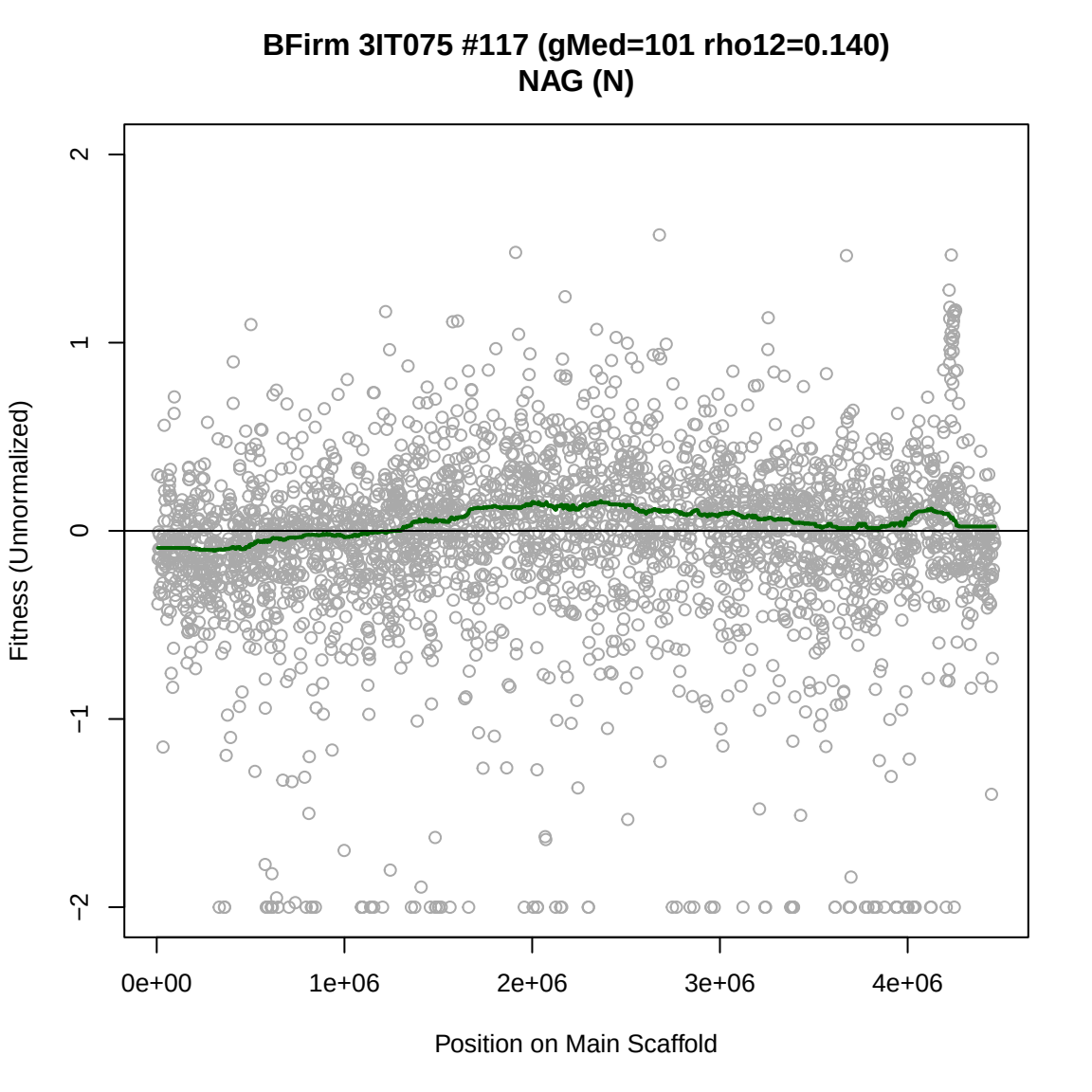

BFirm 3IT070 #112 (gMed=141 rho12=0.169)
L−Citrulline (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

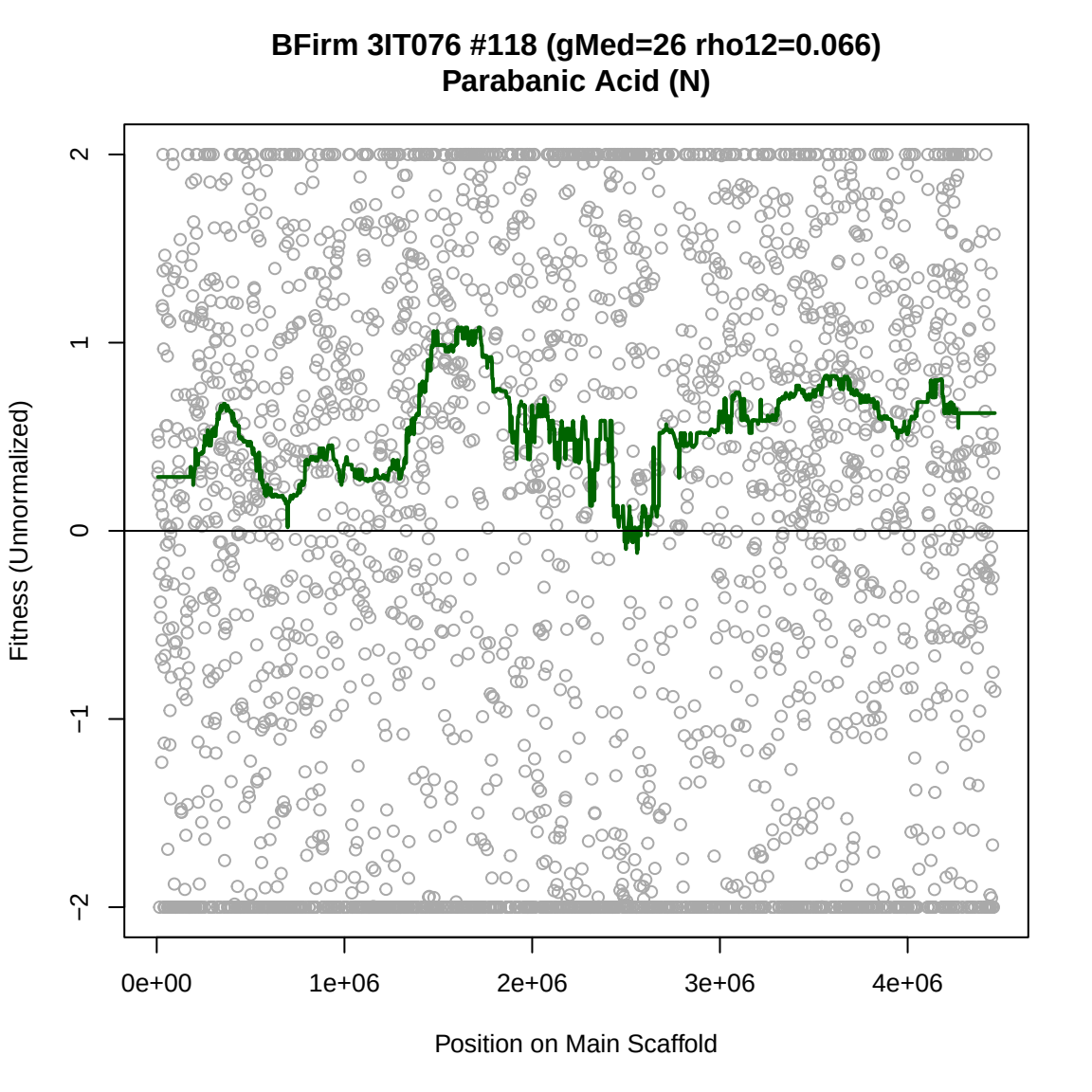

BFirm 3IT071 #113 (gMed=146 rho12=0.196)
Carnitine Hydrochloride (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

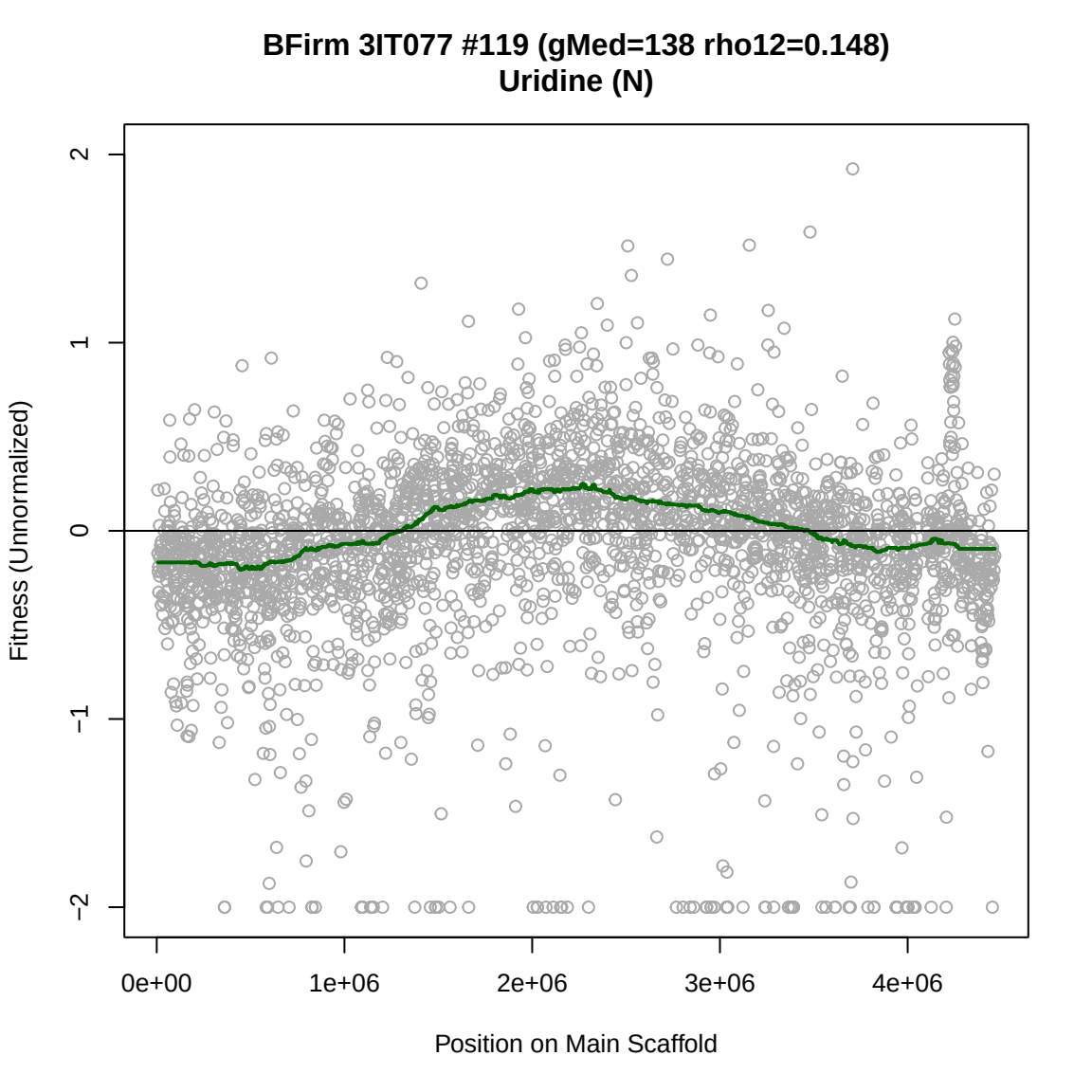

BFirm 3IT072 #114 (gMed=121 rho12=0.073)
Gelatin (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

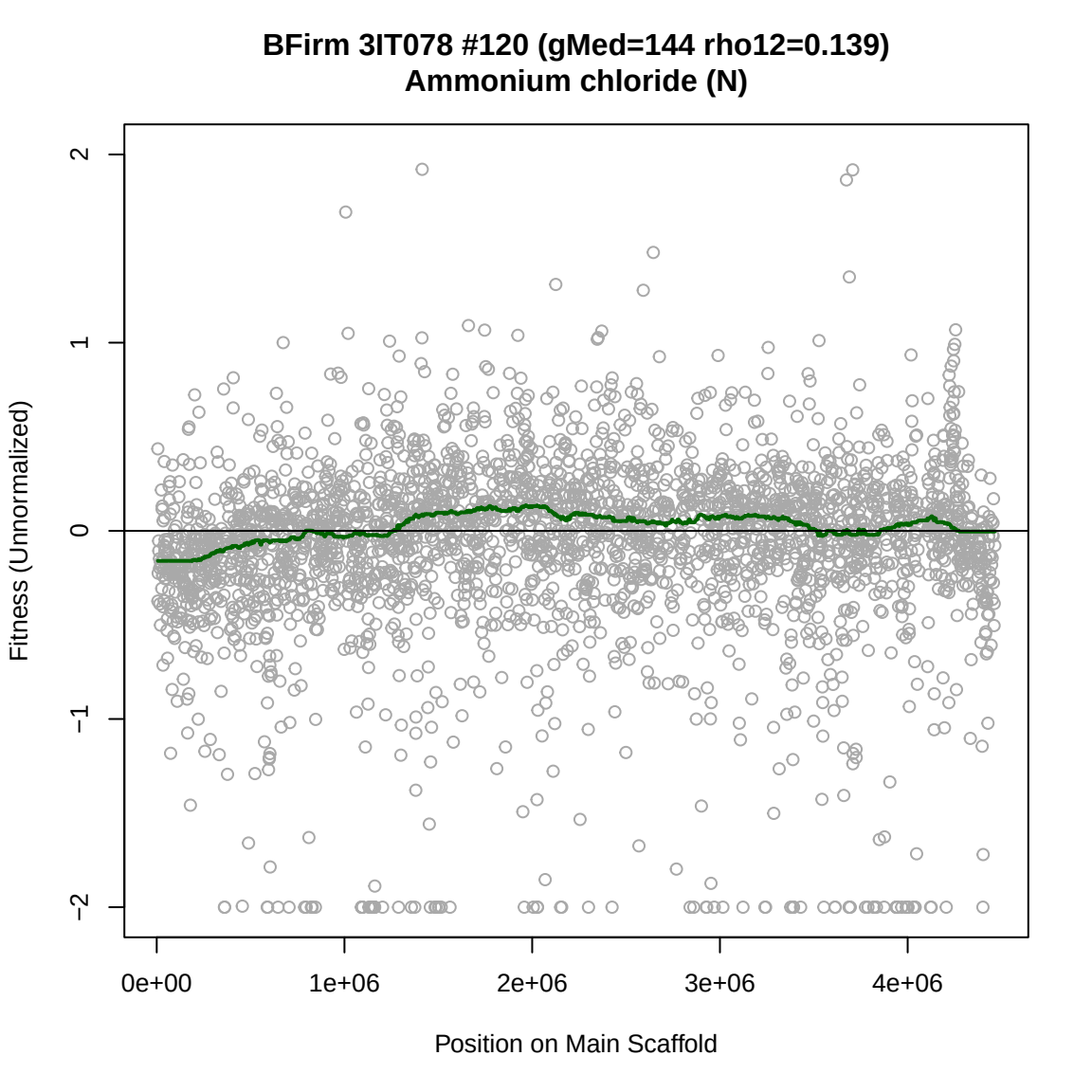

BFirm 3IT073 #115 (gMed=113 rho12=0.093)
casaminos (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

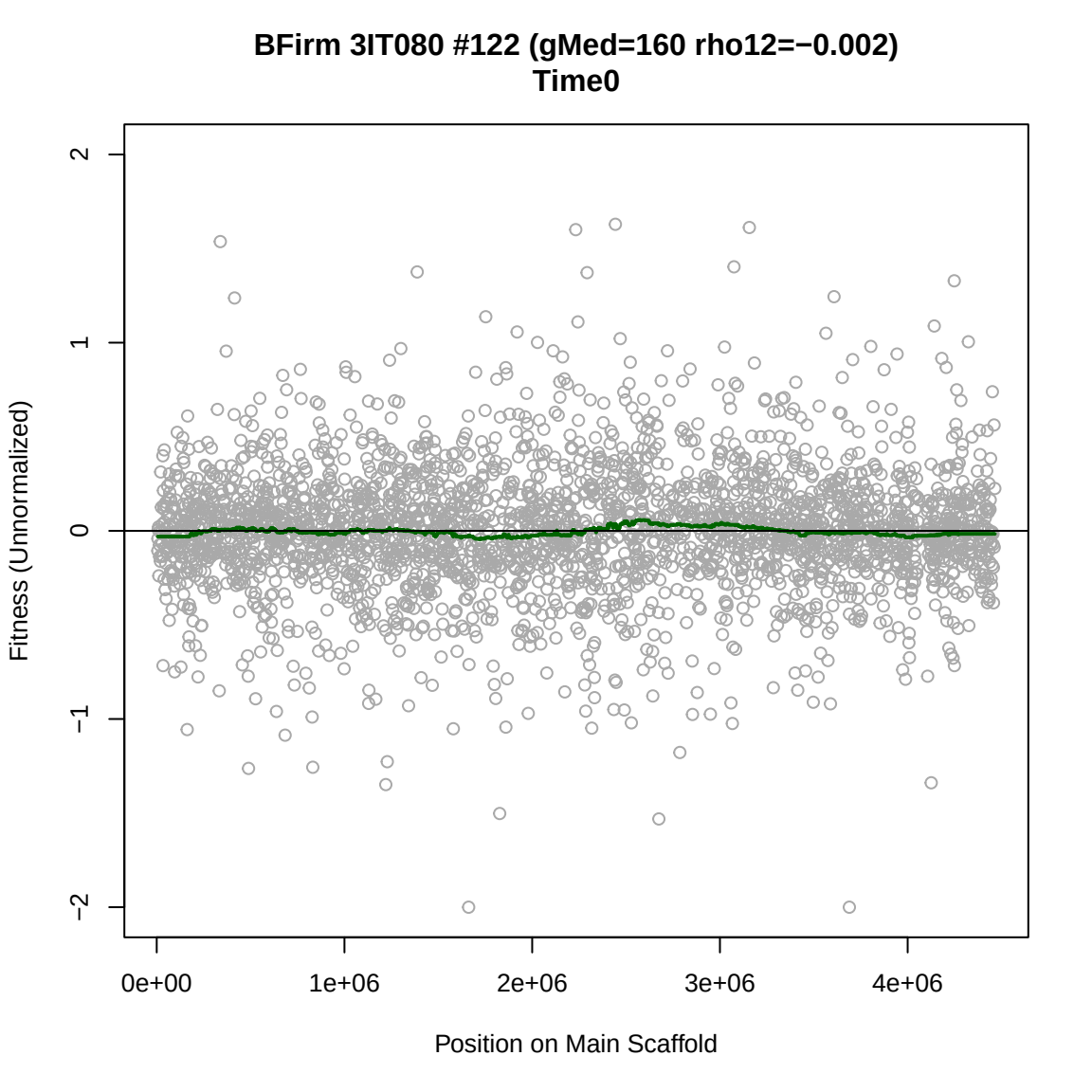

BFirm 3IT074 #116 (gMed=112 rho12=0.176)
Putrescine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

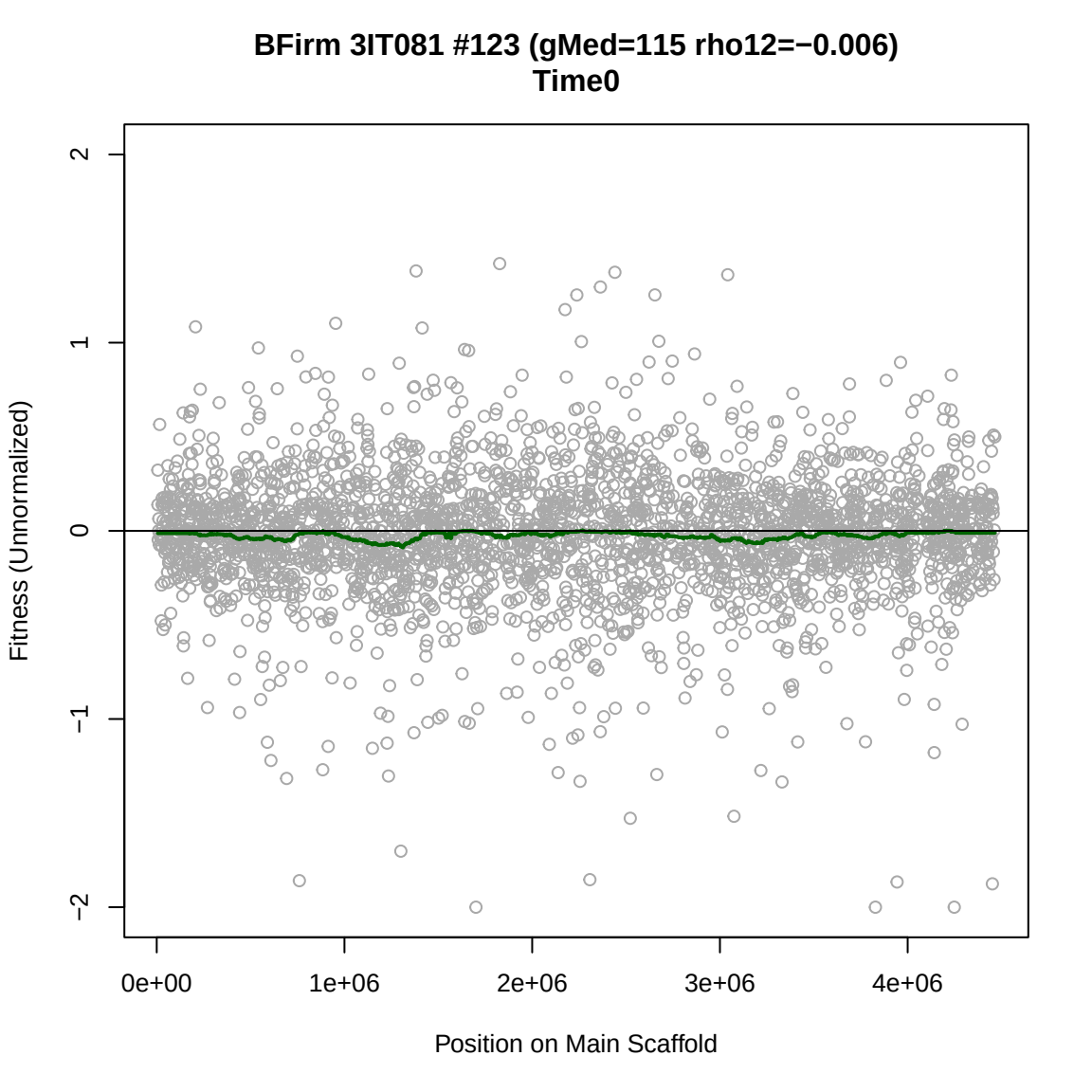

BFirm 3IT075 #117 (gMed=101 rho12=0.140)
NAG (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

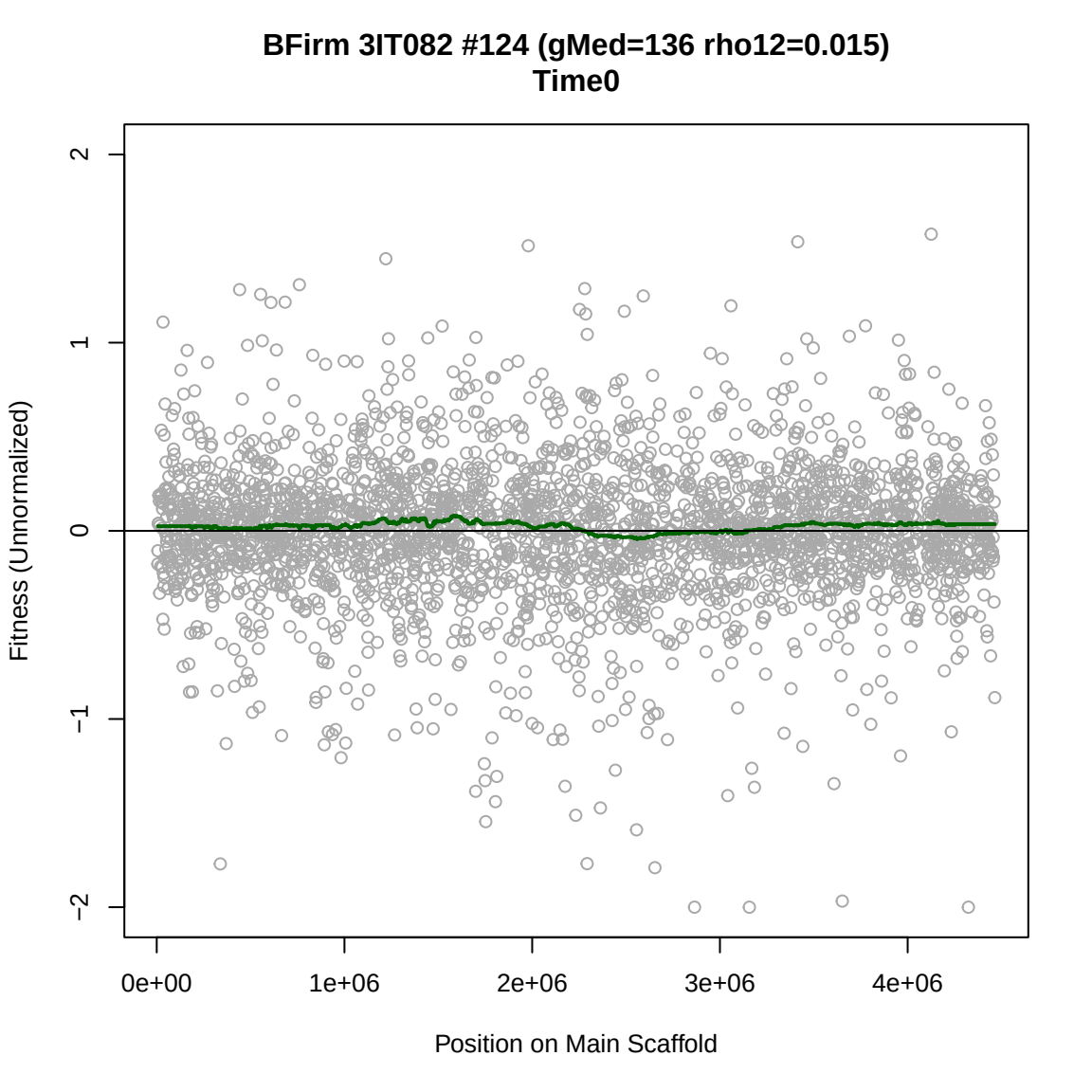

BFirm 3IT076 #118 (gMed=26 rho12=0.066)
Parabanic Acid (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

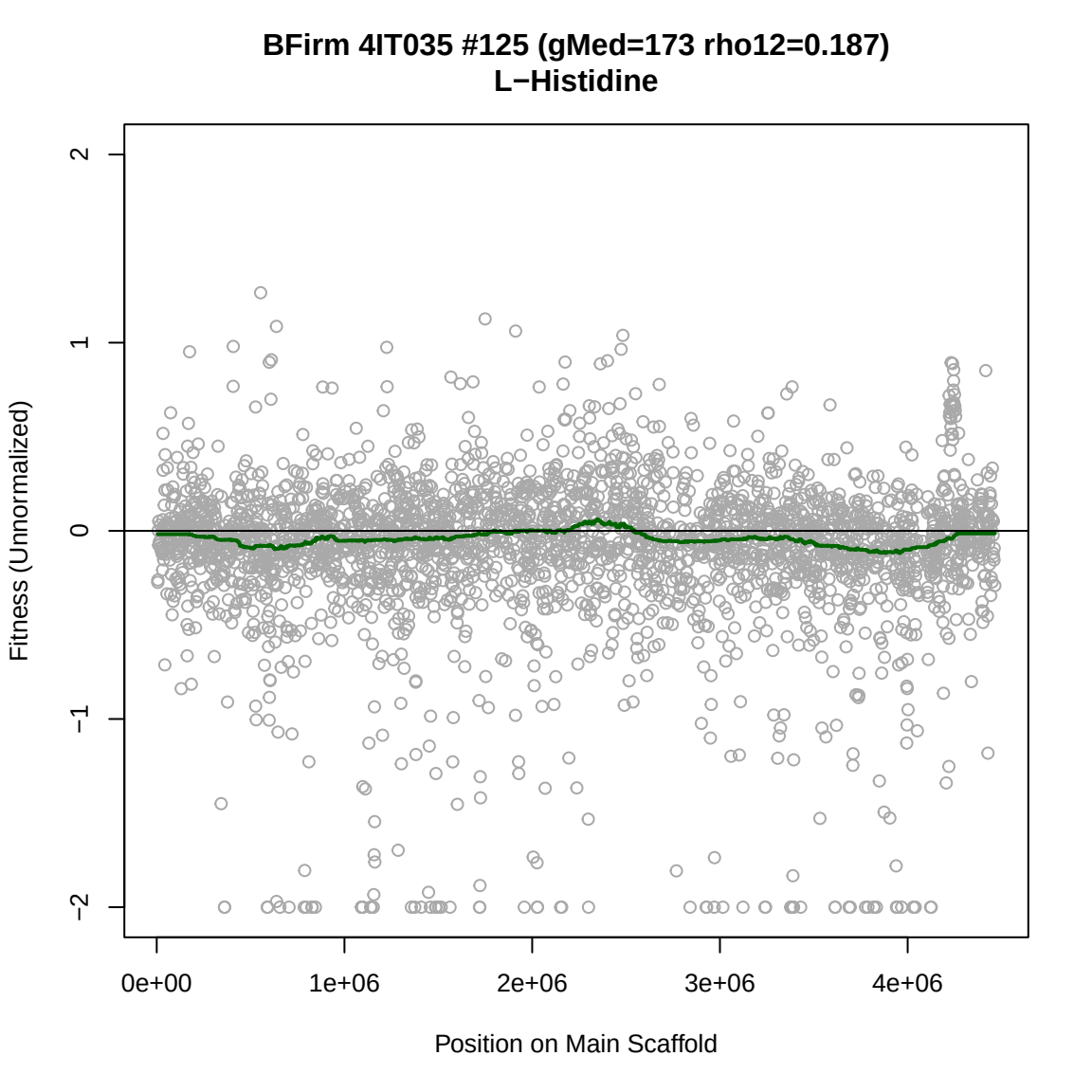

BFirm 3IT077 #119 (gMed=138 rho12=0.148)
Uridine (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

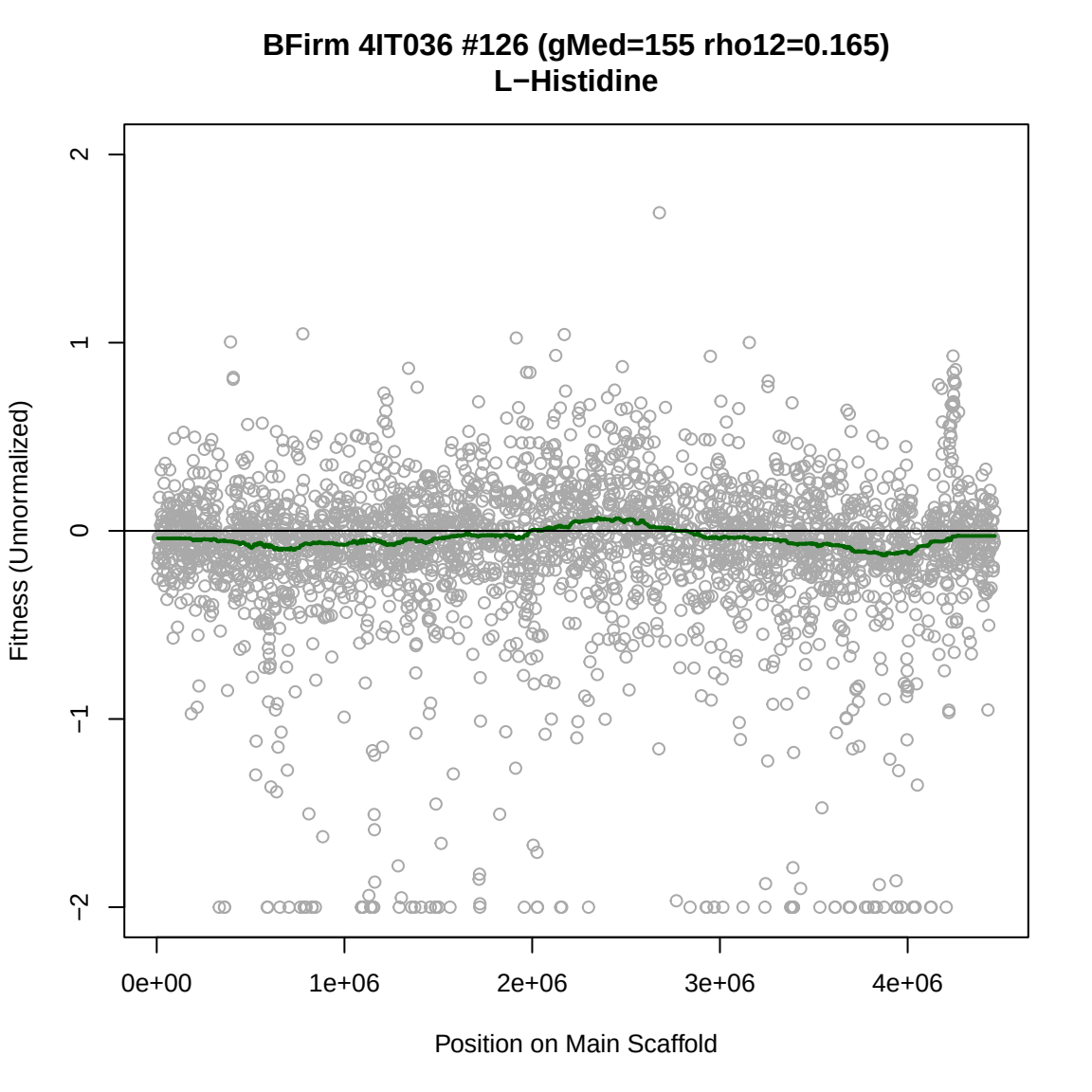

BFirm 3IT078 #120 (gMed=144 rho12=0.139)
Ammonium chloride (N)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

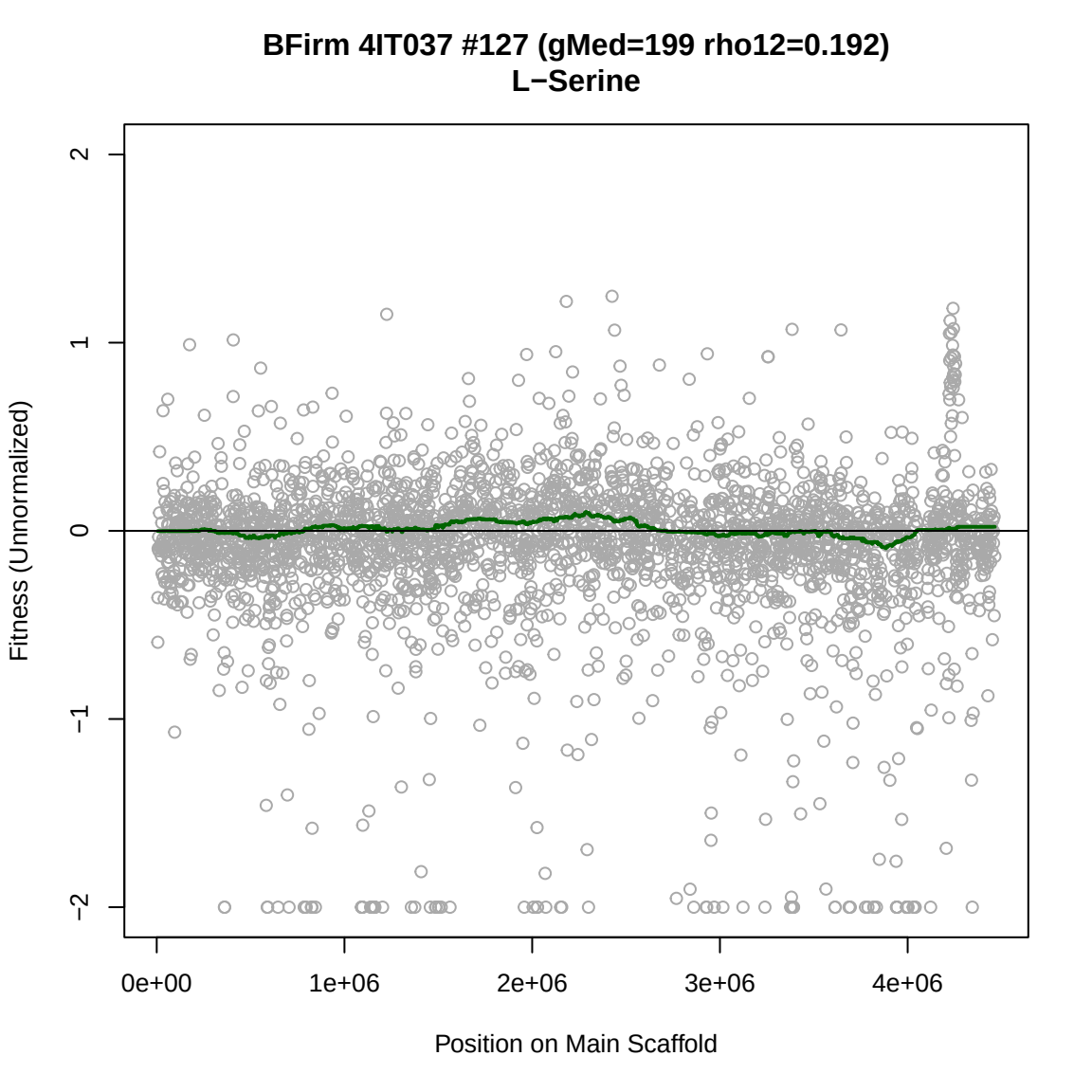

BFirm 3IT080 #122 (gMed=160 rho12=−0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

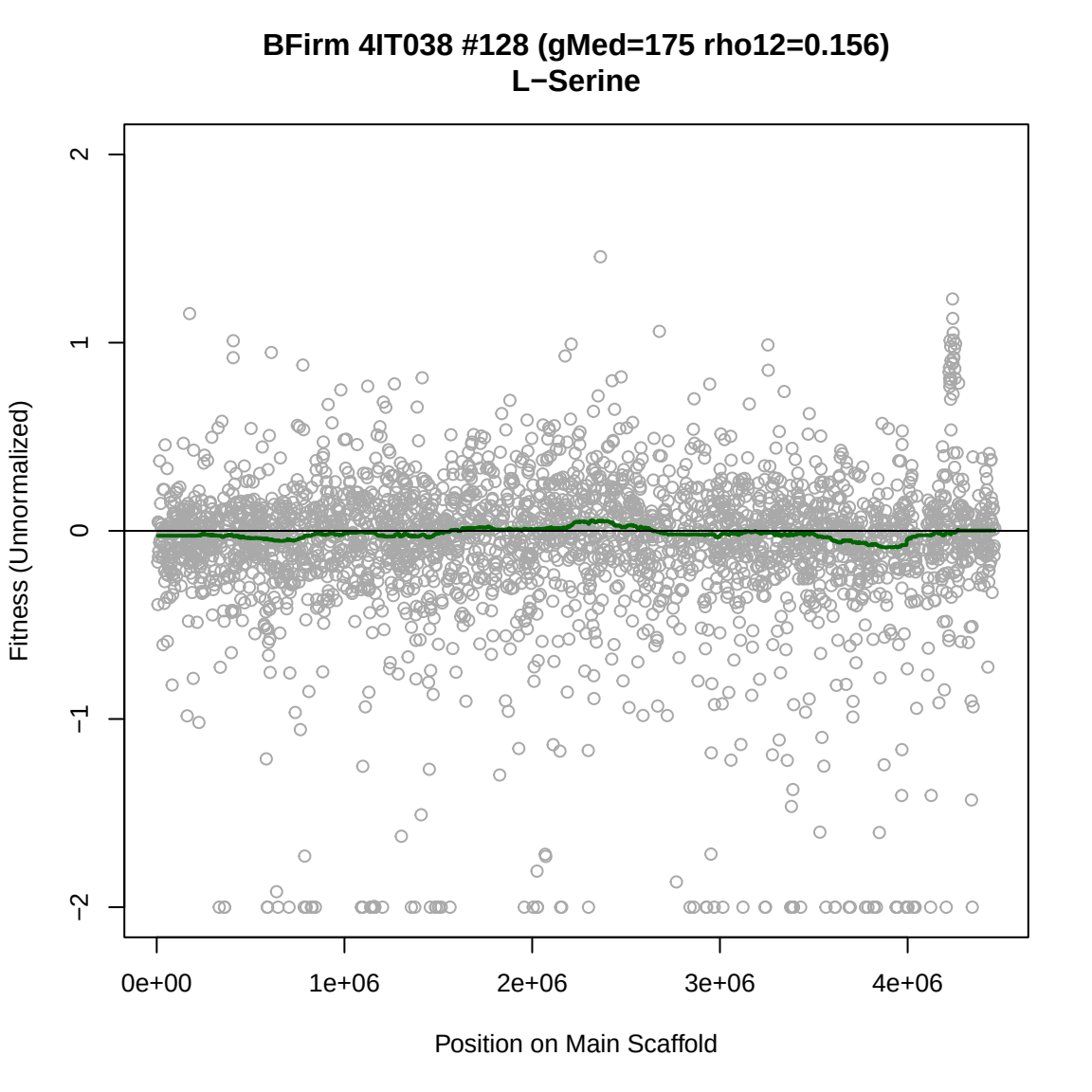

BFirm 3IT081 #123 (gMed=115 rho12=−0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

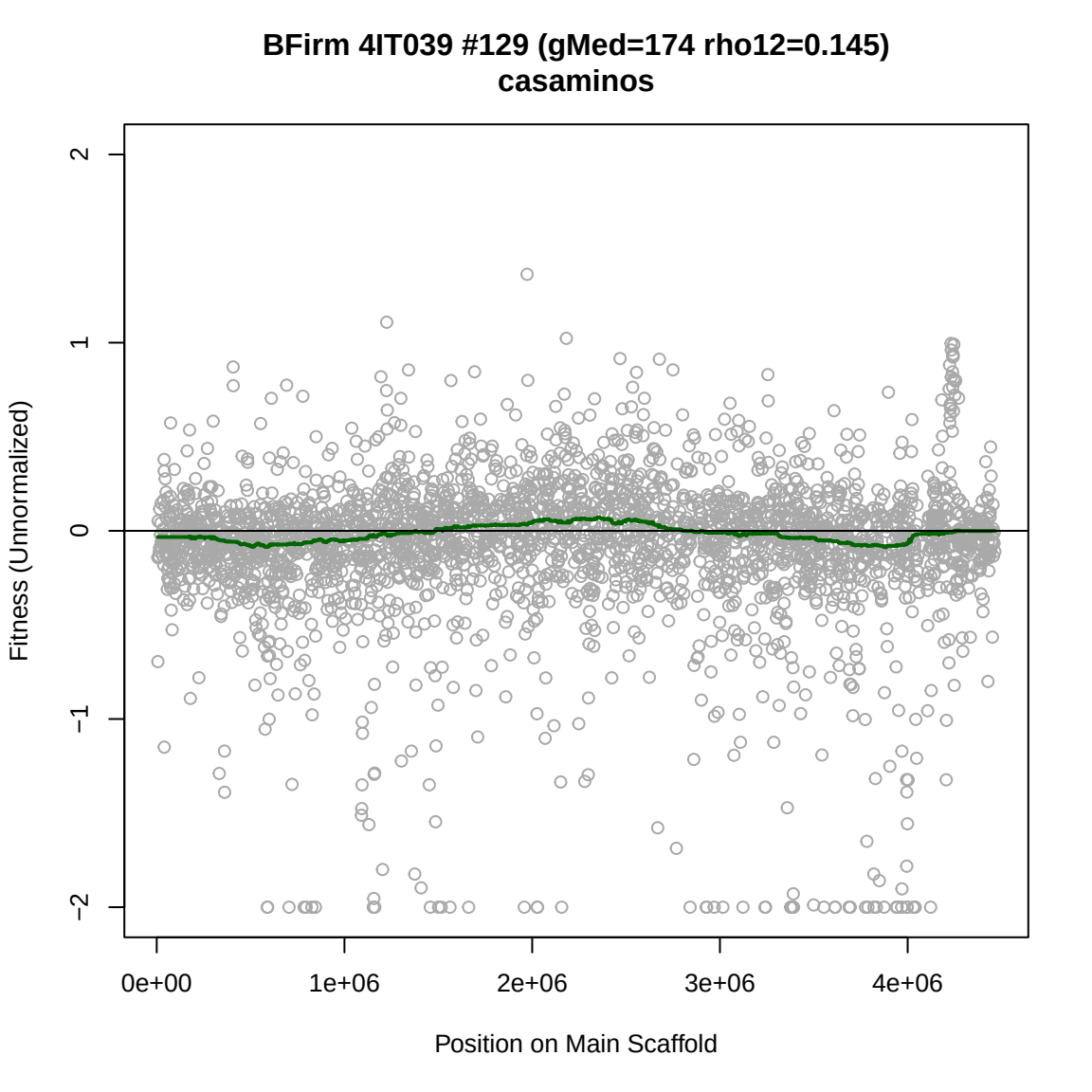

BFirm 3IT082 #124 (gMed=136 rho12=0.015)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

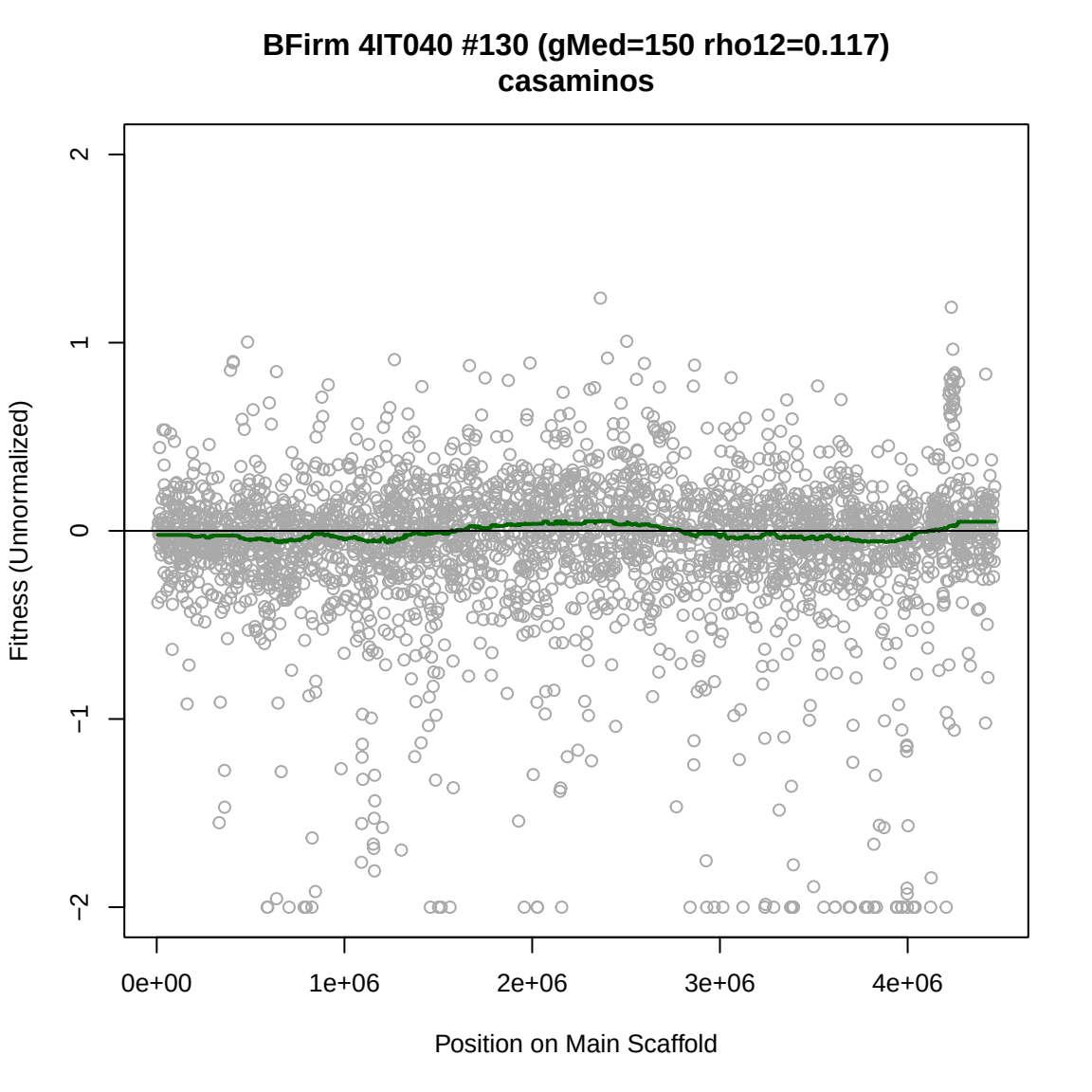

BFirm 4IT035 #125 (gMed=173 rho12=0.187)
L−Histidine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

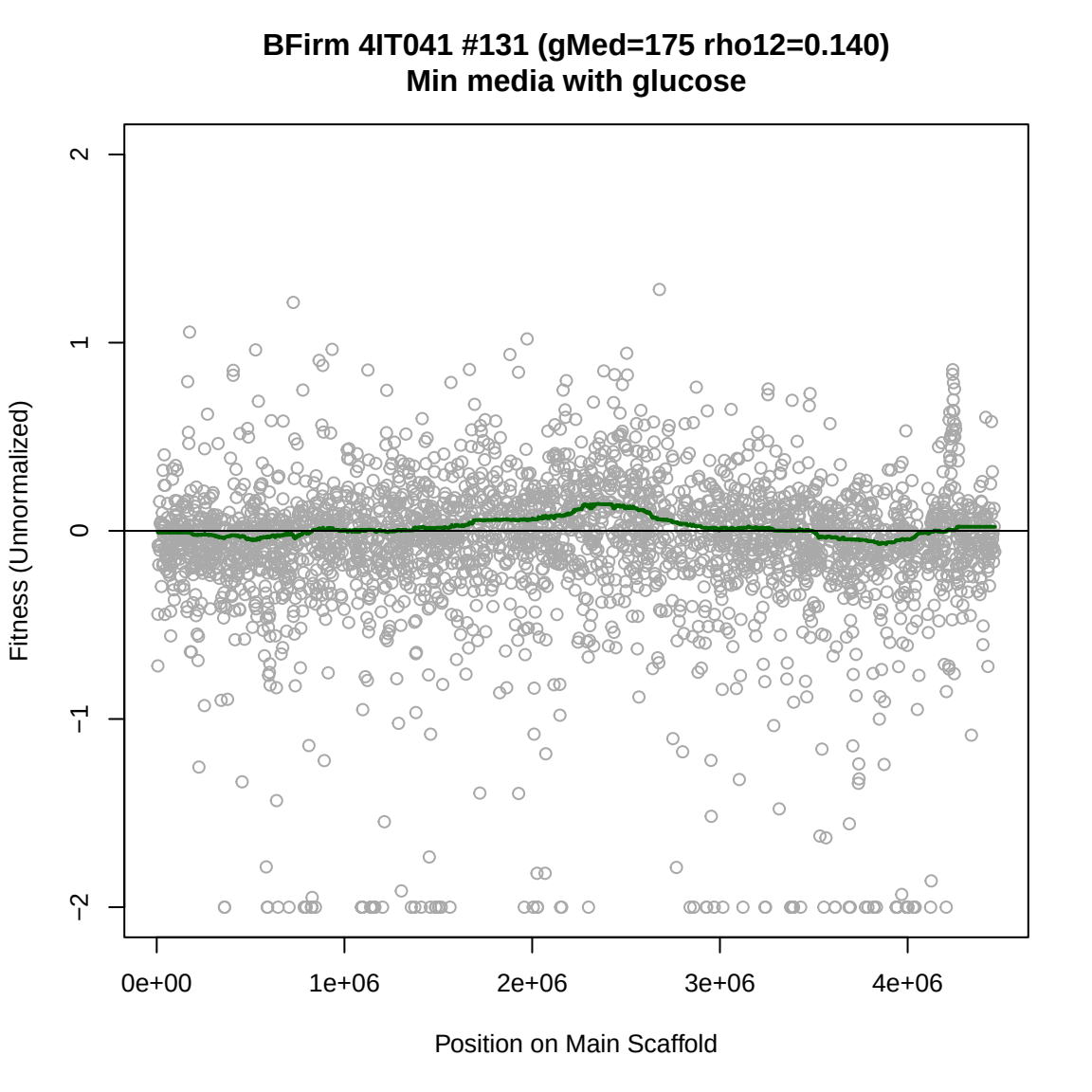

BFirm 4IT036 #126 (gMed=155 rho12=0.165)
L−Histidine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

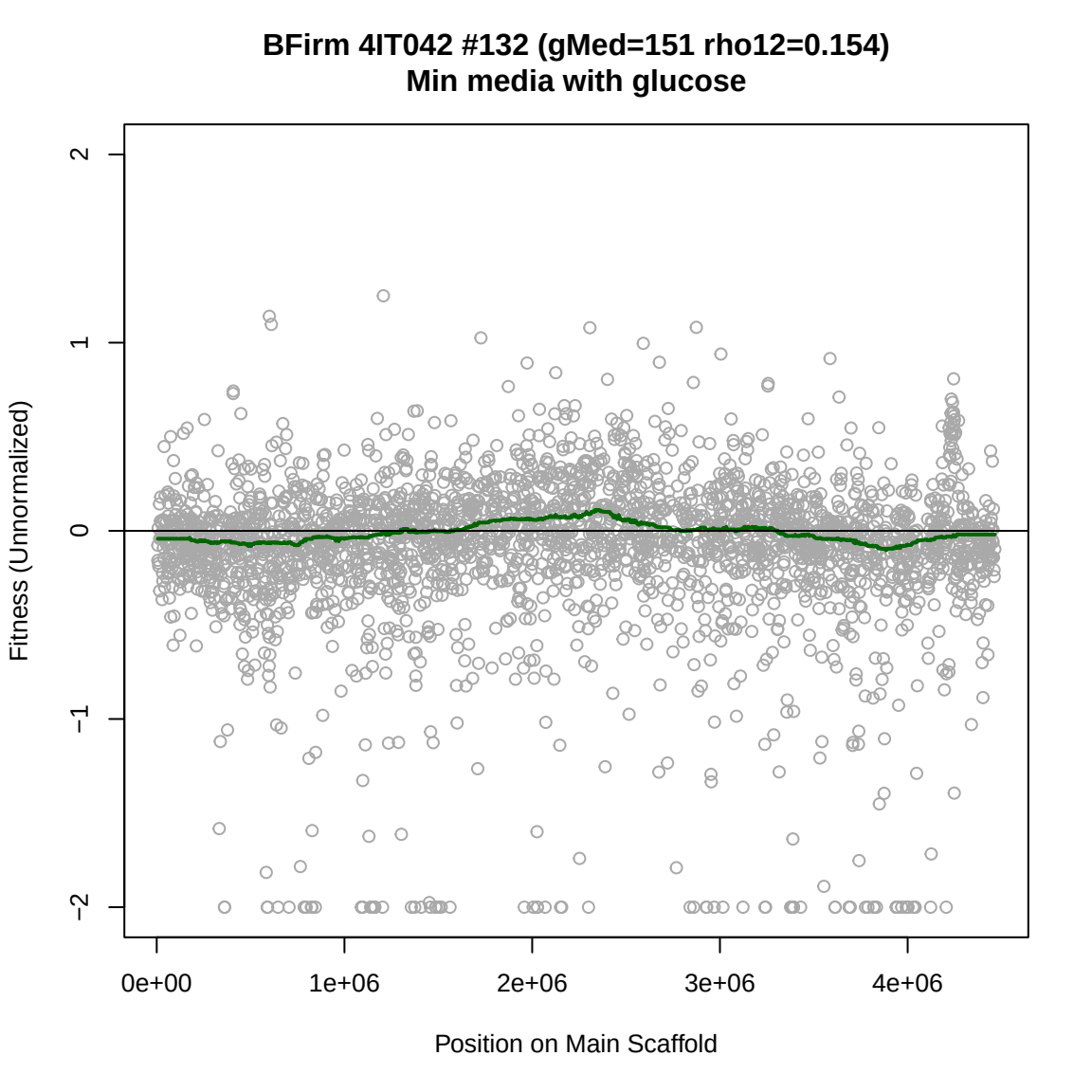

BFirm 4IT037 #127 (gMed=199 rho12=0.192)
L−Serine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

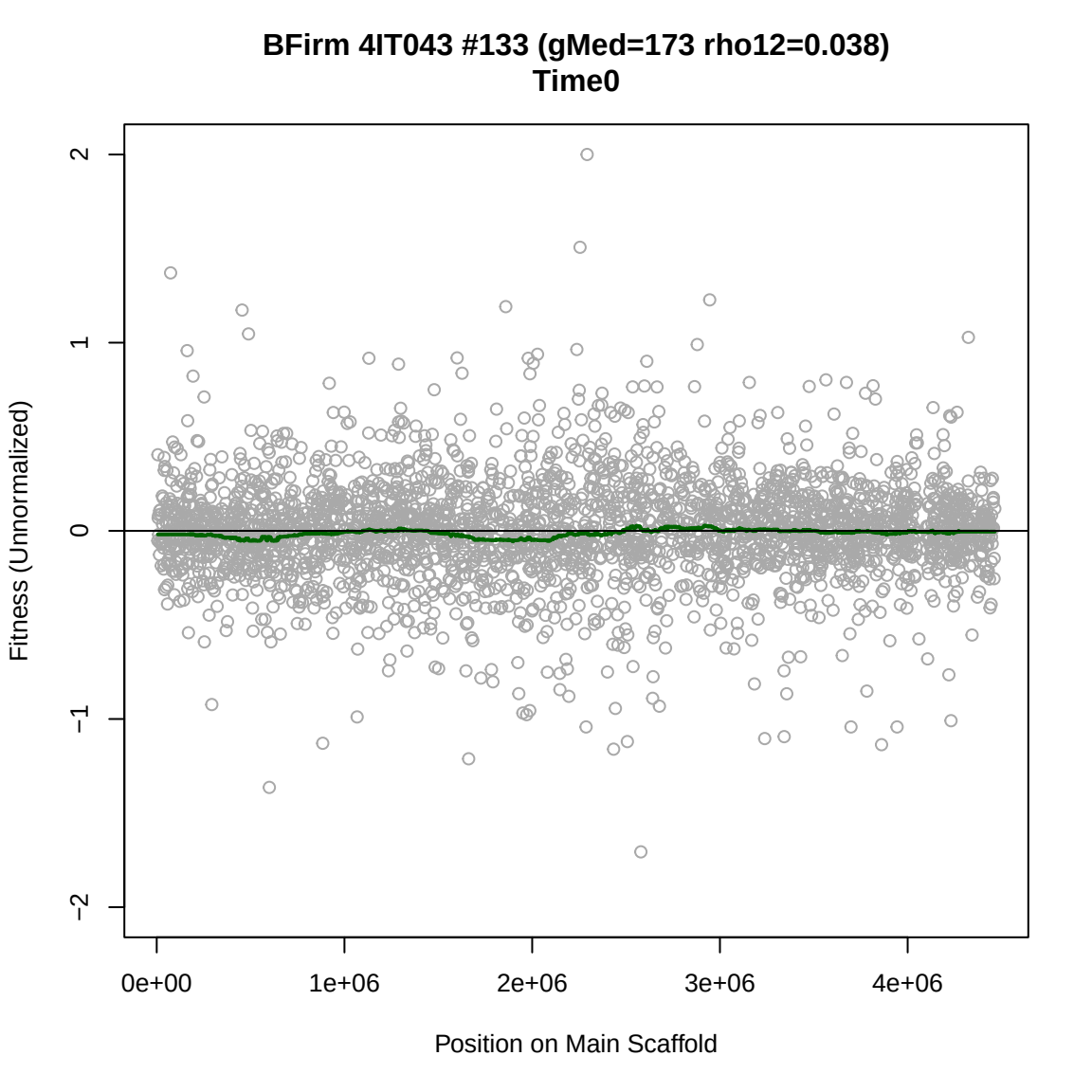

BFirm 4IT038 #128 (gMed=175 rho12=0.156)
L−Serine
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

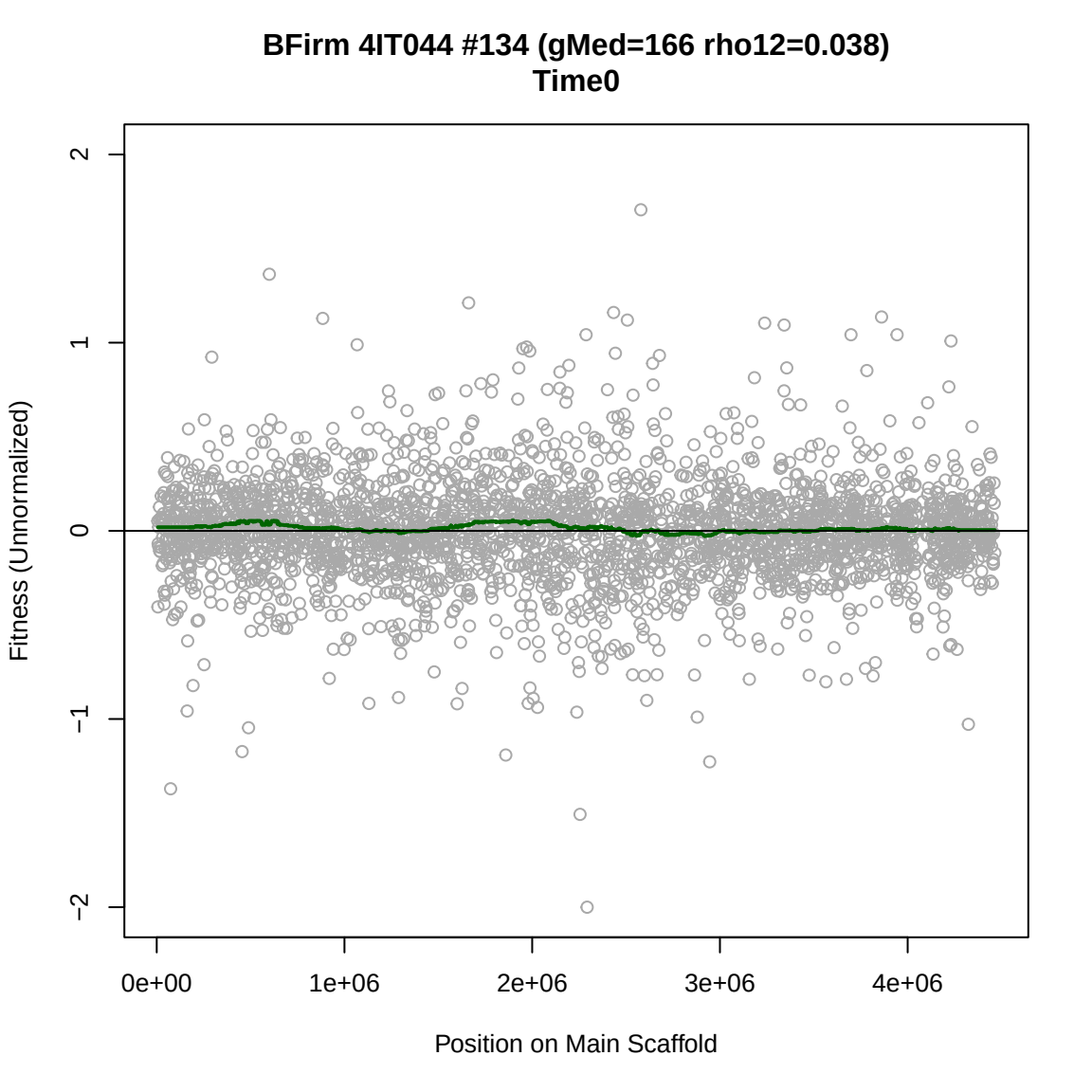

BFirm 4IT039 #129 (gMed=174 rho12=0.145)
casaminos
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

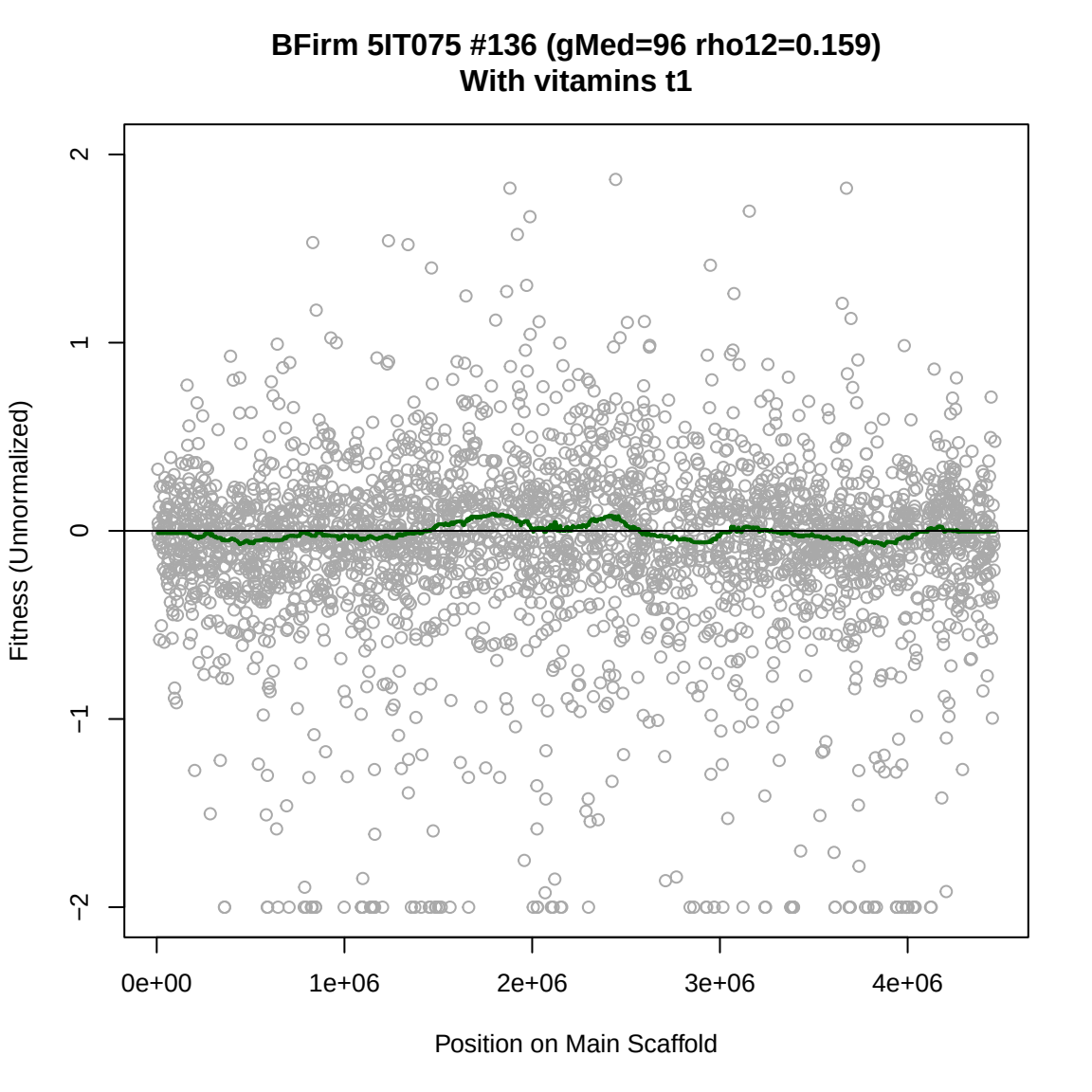

BFirm 4IT040 #130 (gMed=150 rho12=0.117)
casaminos
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

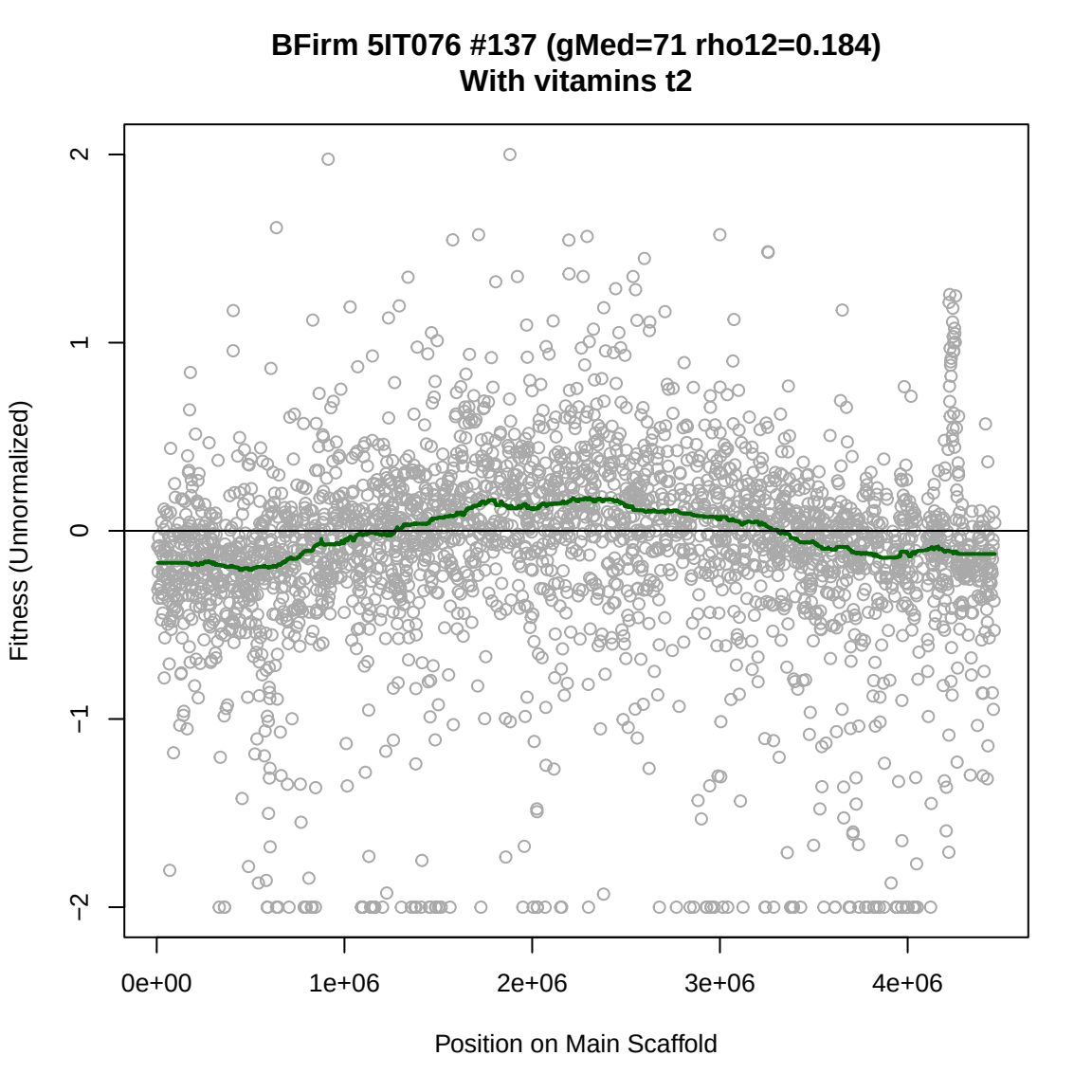

BFirm 4IT041 #131 (gMed=175 rho12=0.140)
Min media with glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

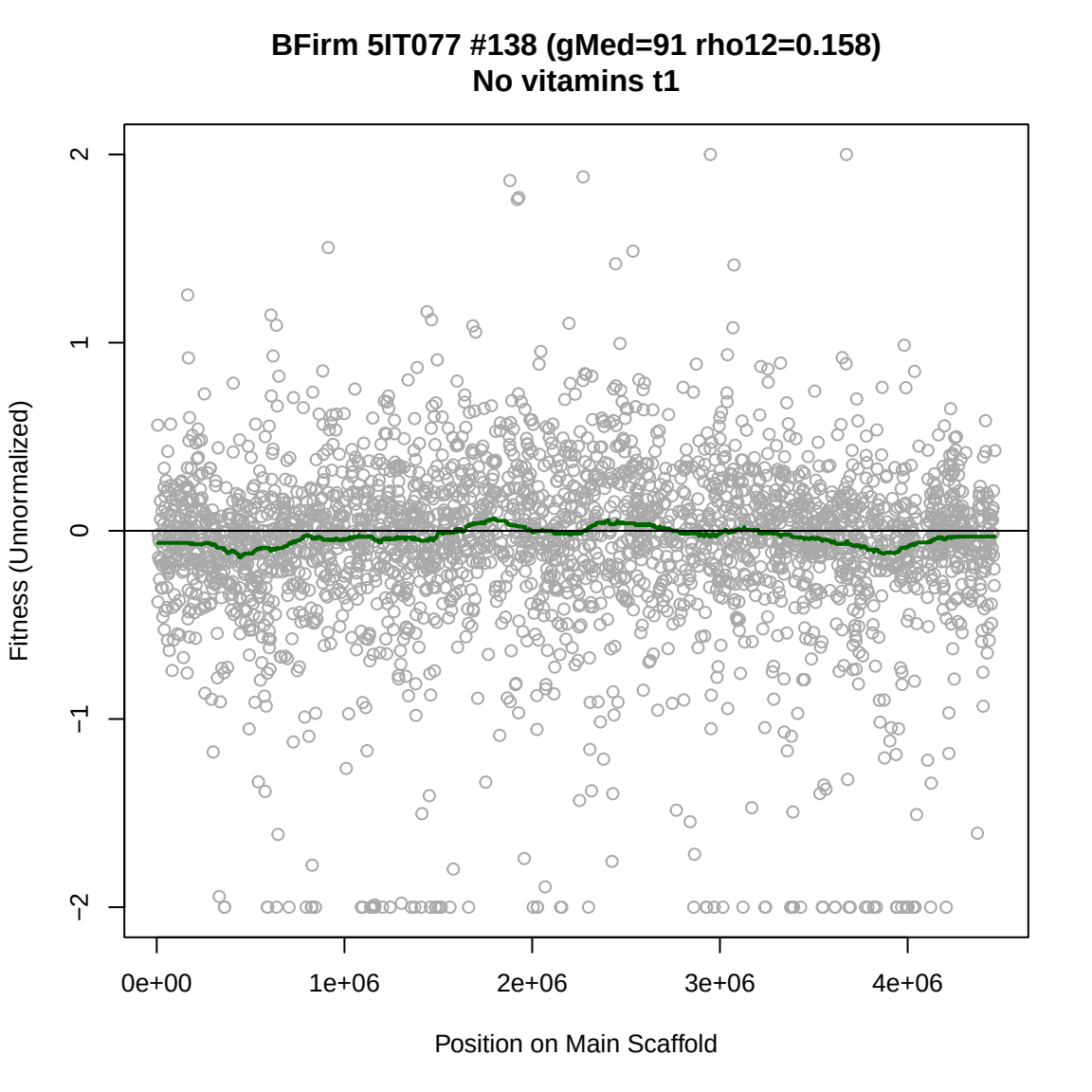

BFirm 4IT042 #132 (gMed=151 rho12=0.154)
Min media with glucose
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

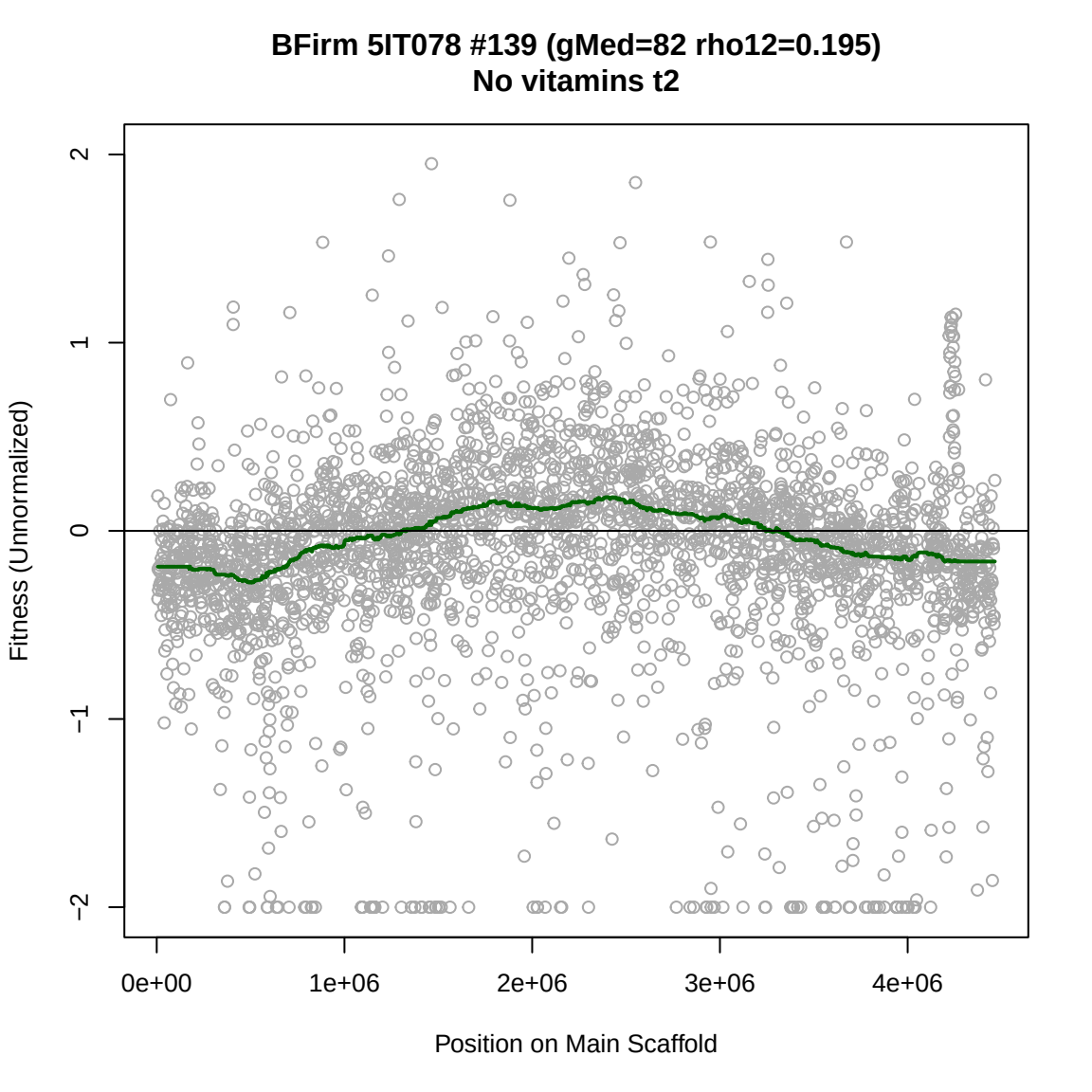

BFirm 4IT043 #133 (gMed=173 rho12=0.038)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

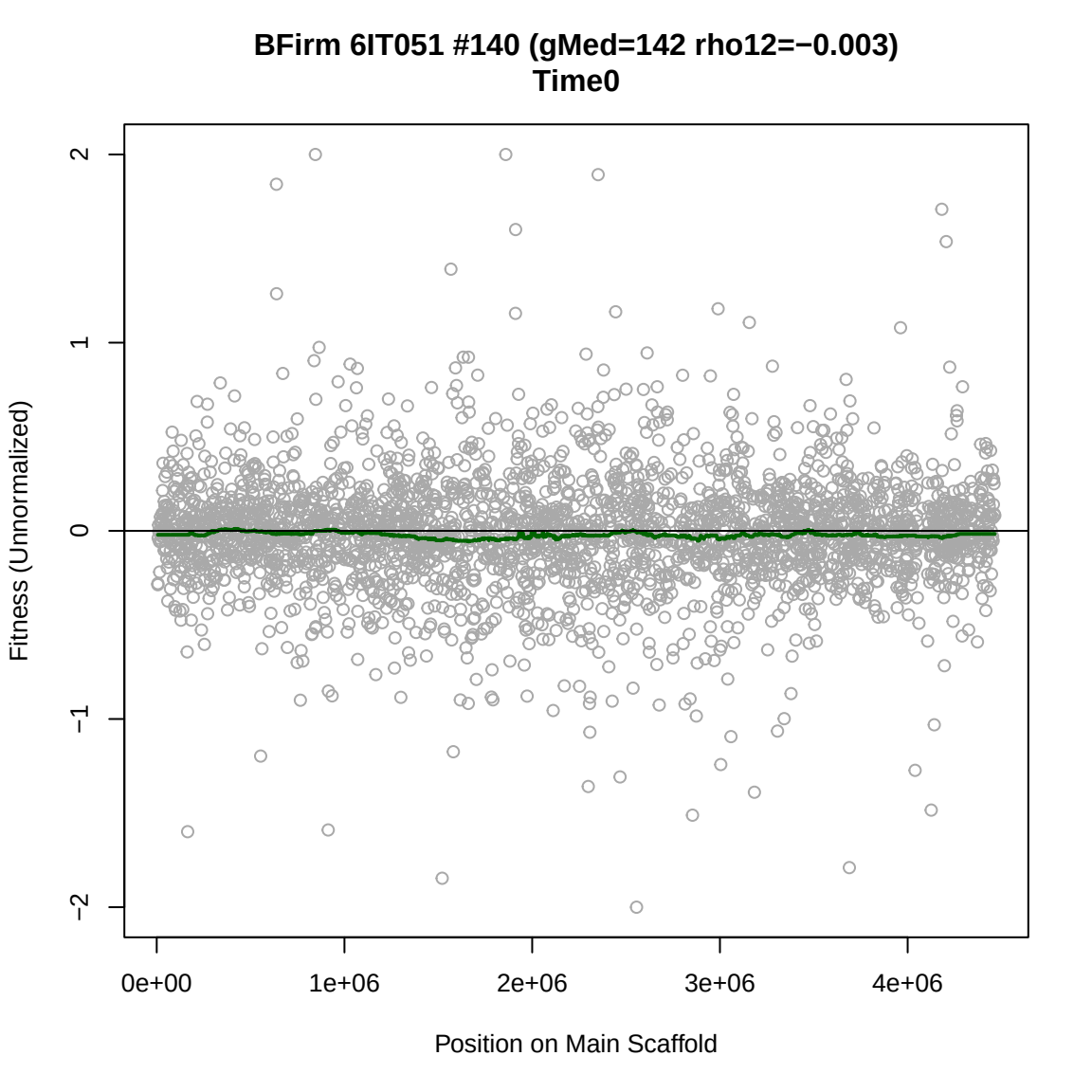

BFirm 4IT044 #134 (gMed=166 rho12=0.038)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

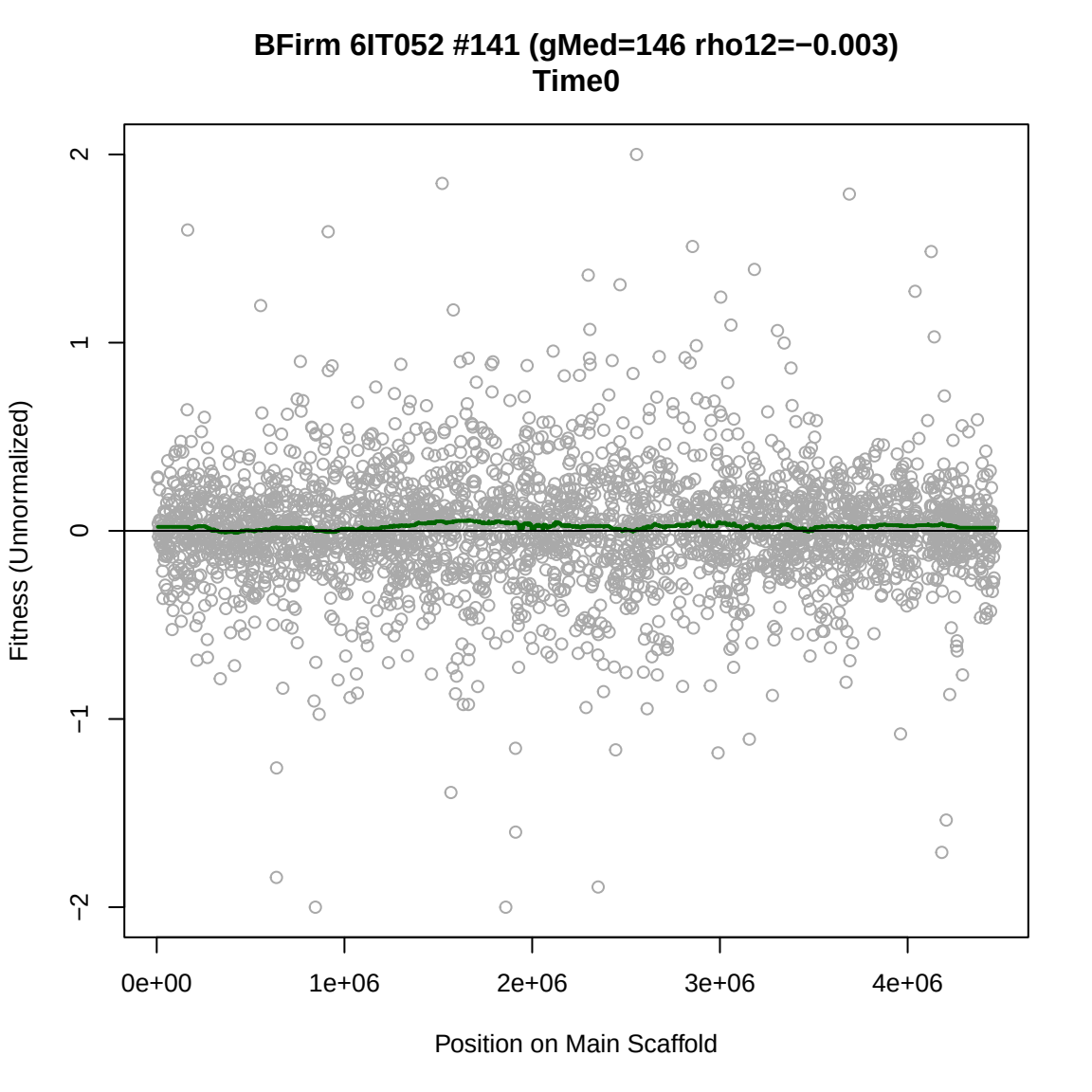

BFirm 5IT075 #136 (gMed=96 rho12=0.159)
With vitamins t1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

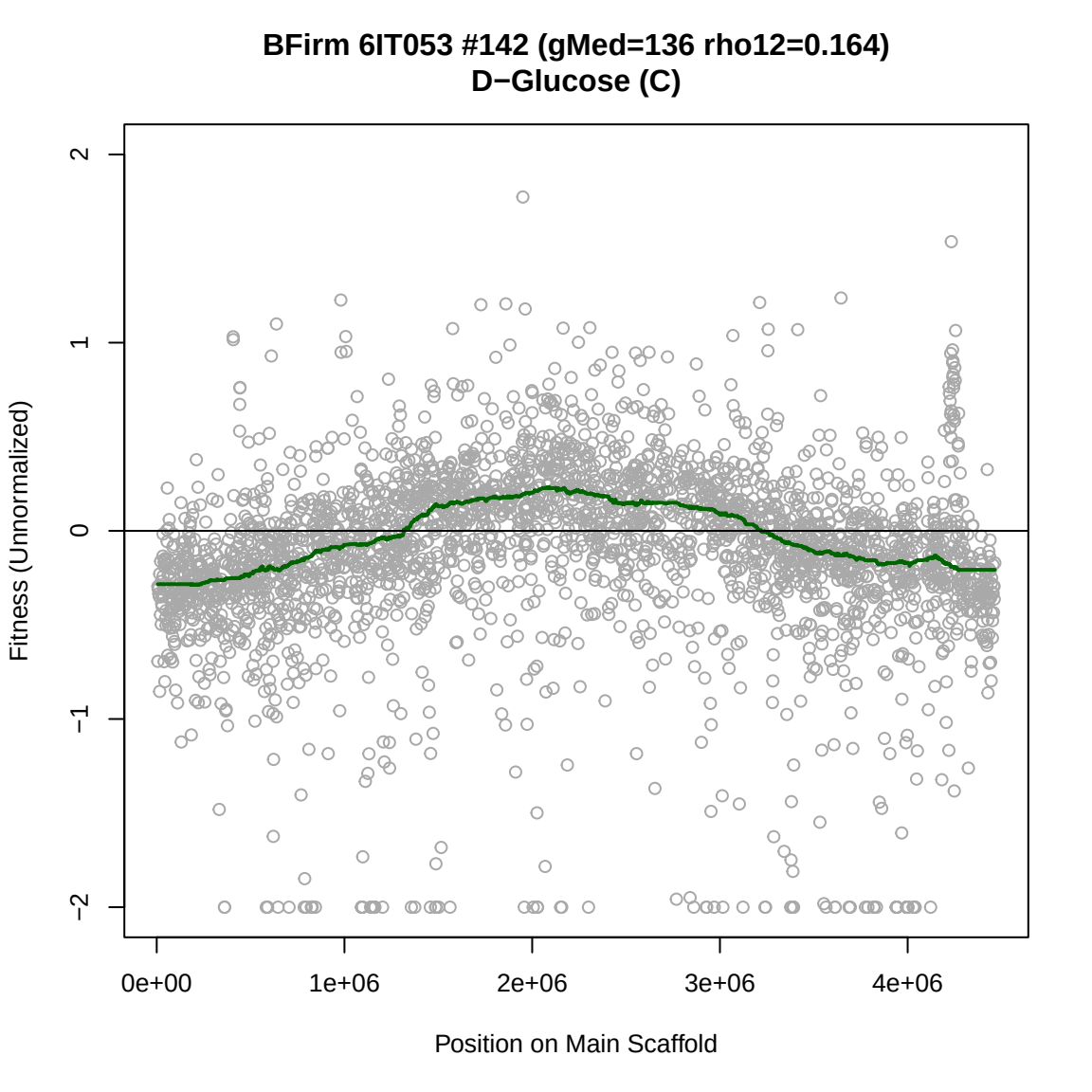

BFirm 5IT076 #137 (gMed=71 rho12=0.184)
With vitamins t2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

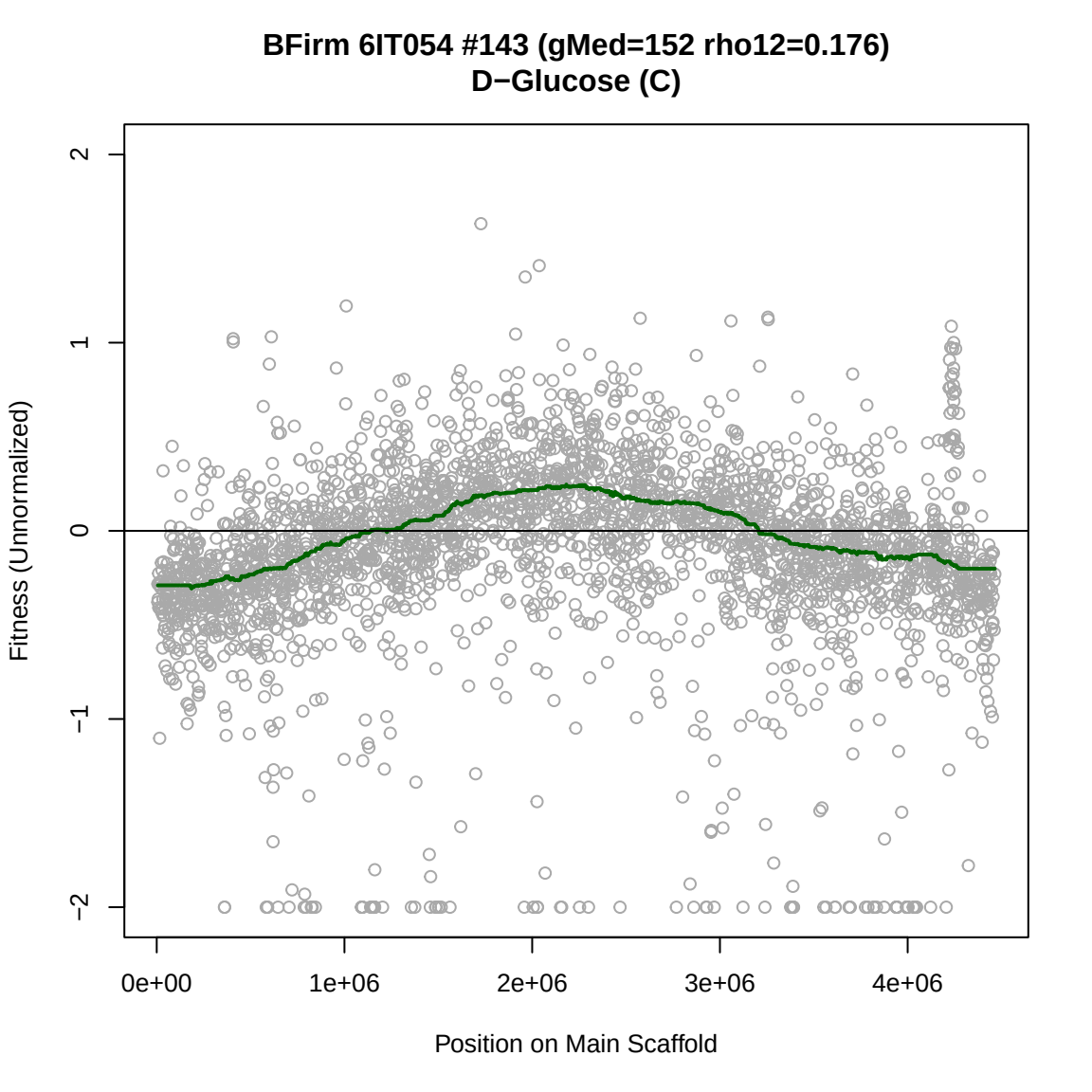

BFirm 5IT077 #138 (gMed=91 rho12=0.158)
No vitamins t1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

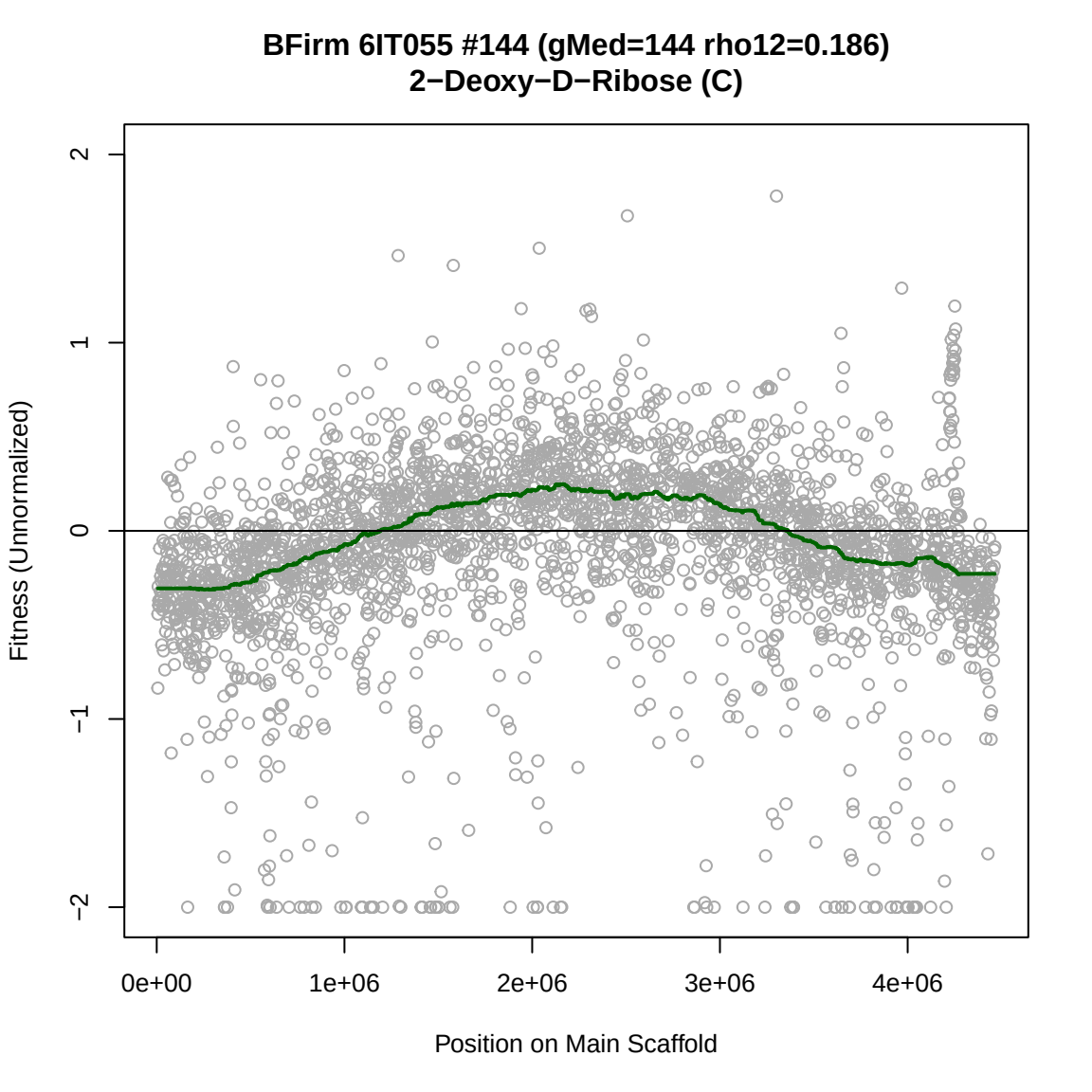

BFirm 5IT078 #139 (gMed=82 rho12=0.195)
No vitamins t2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

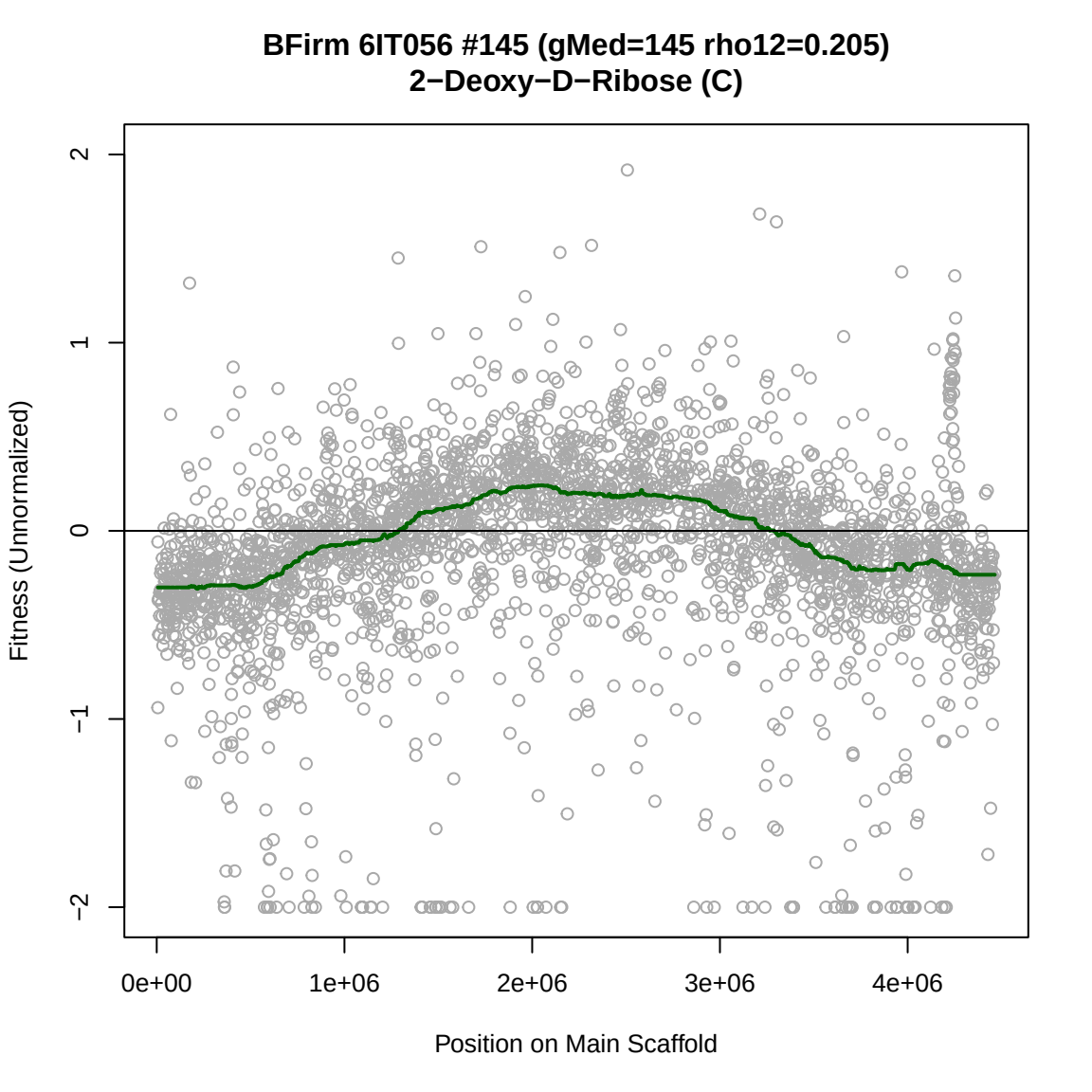

BFirm 6IT051 #140 (gMed=142 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

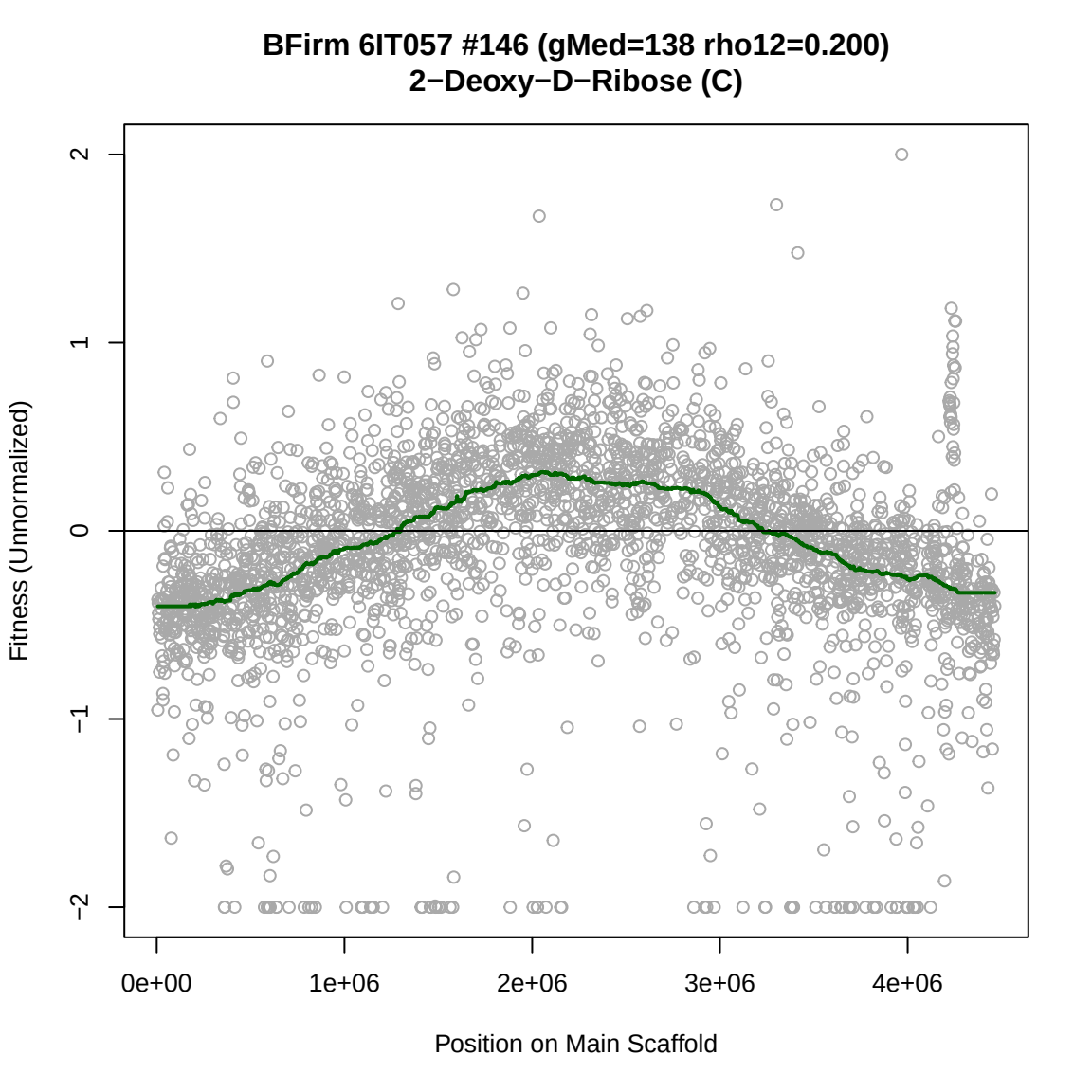

BFirm 6IT052 #141 (gMed=146 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

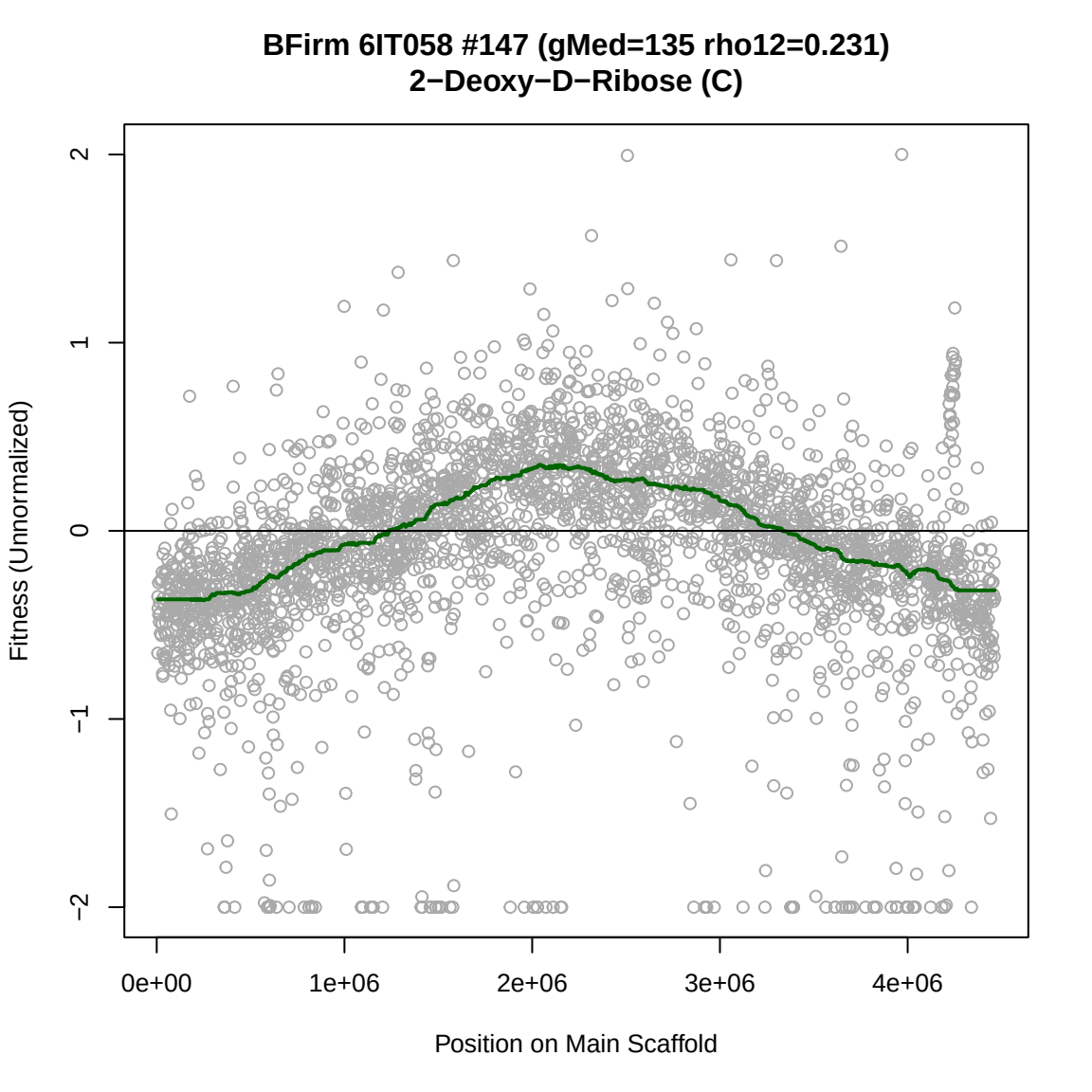

BFirm 6IT053 #142 (gMed=136 rho12=0.164)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

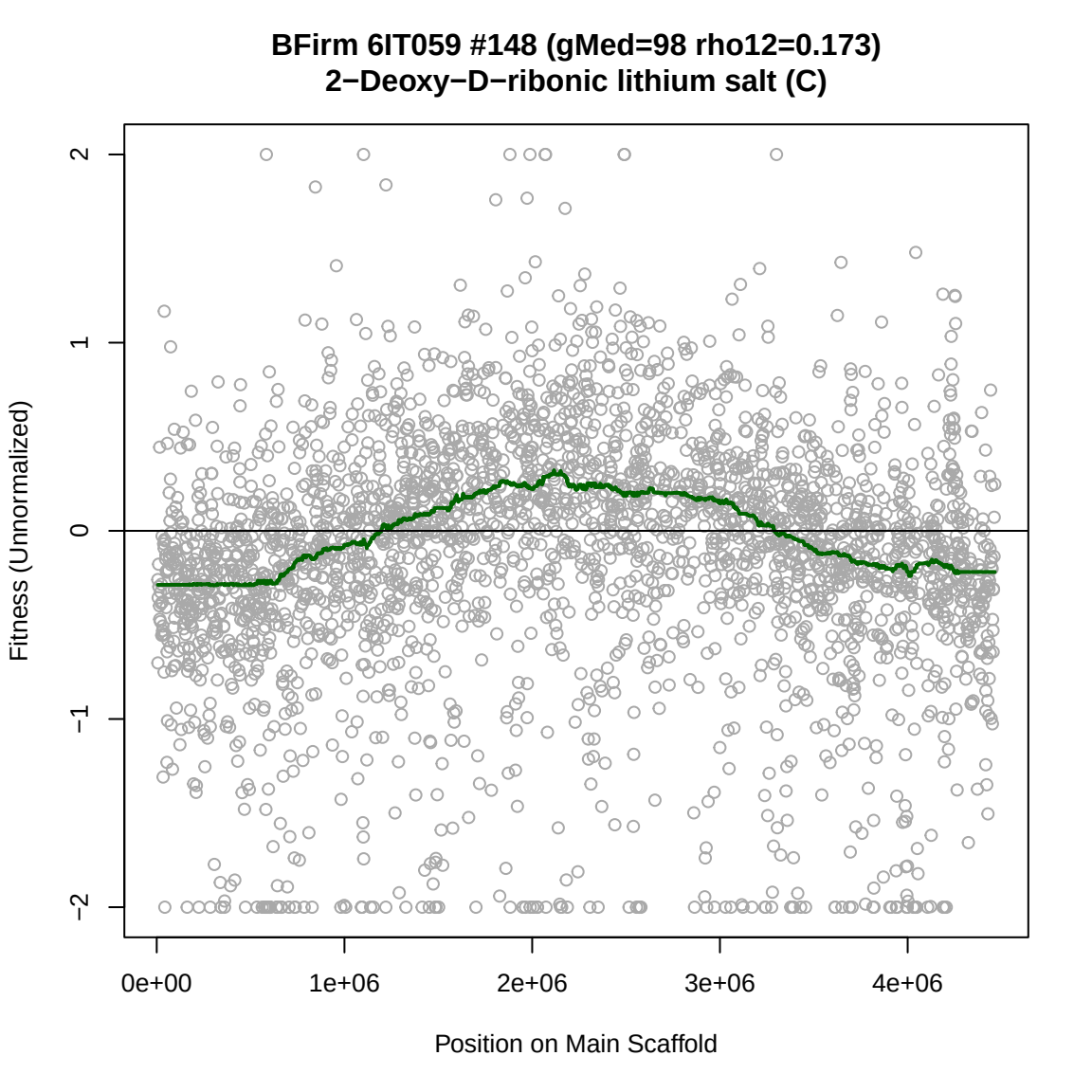

BFirm 6IT054 #143 (gMed=152 rho12=0.176)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

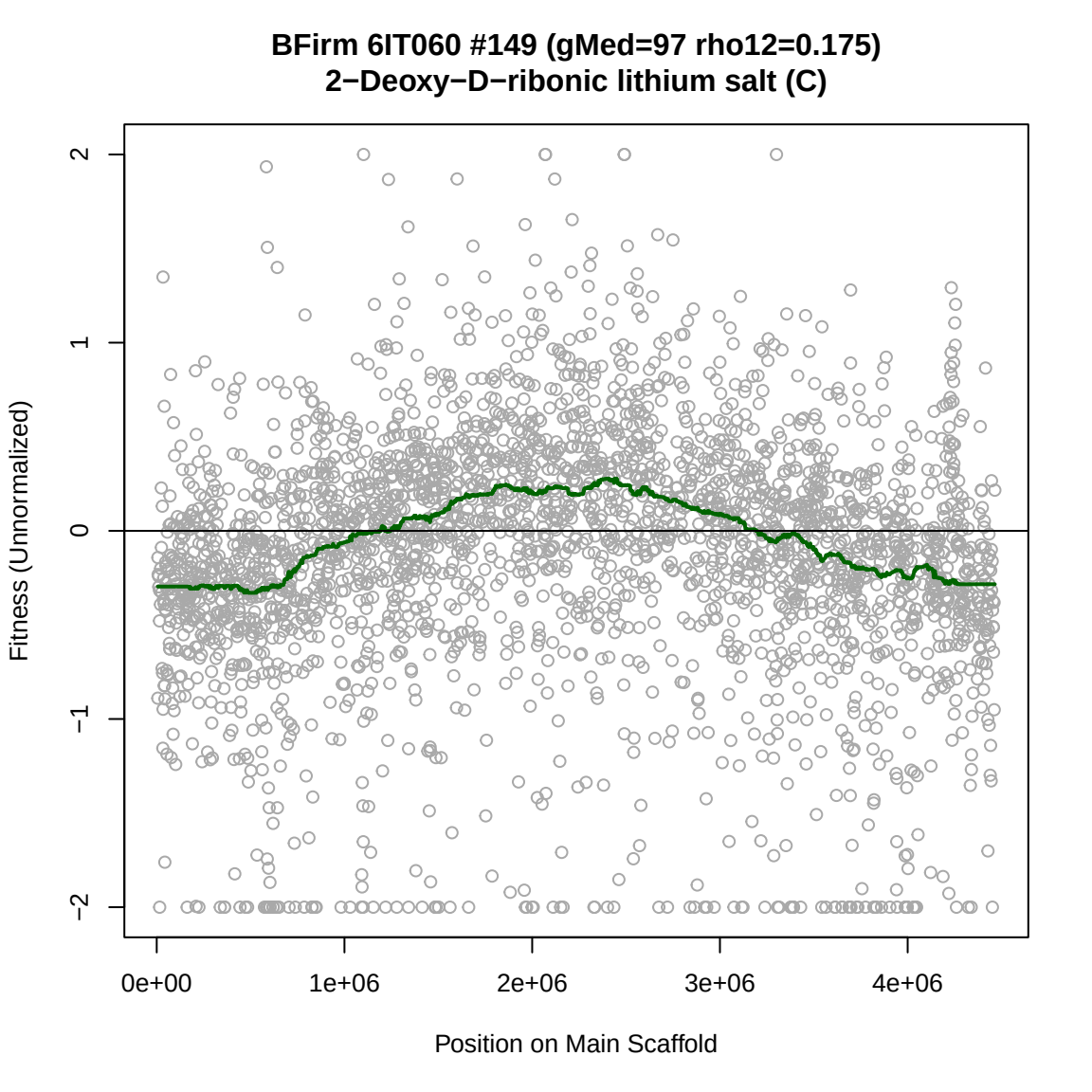

BFirm 6IT055 #144 (gMed=144 rho12=0.186)
2−Deoxy−D−Ribose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

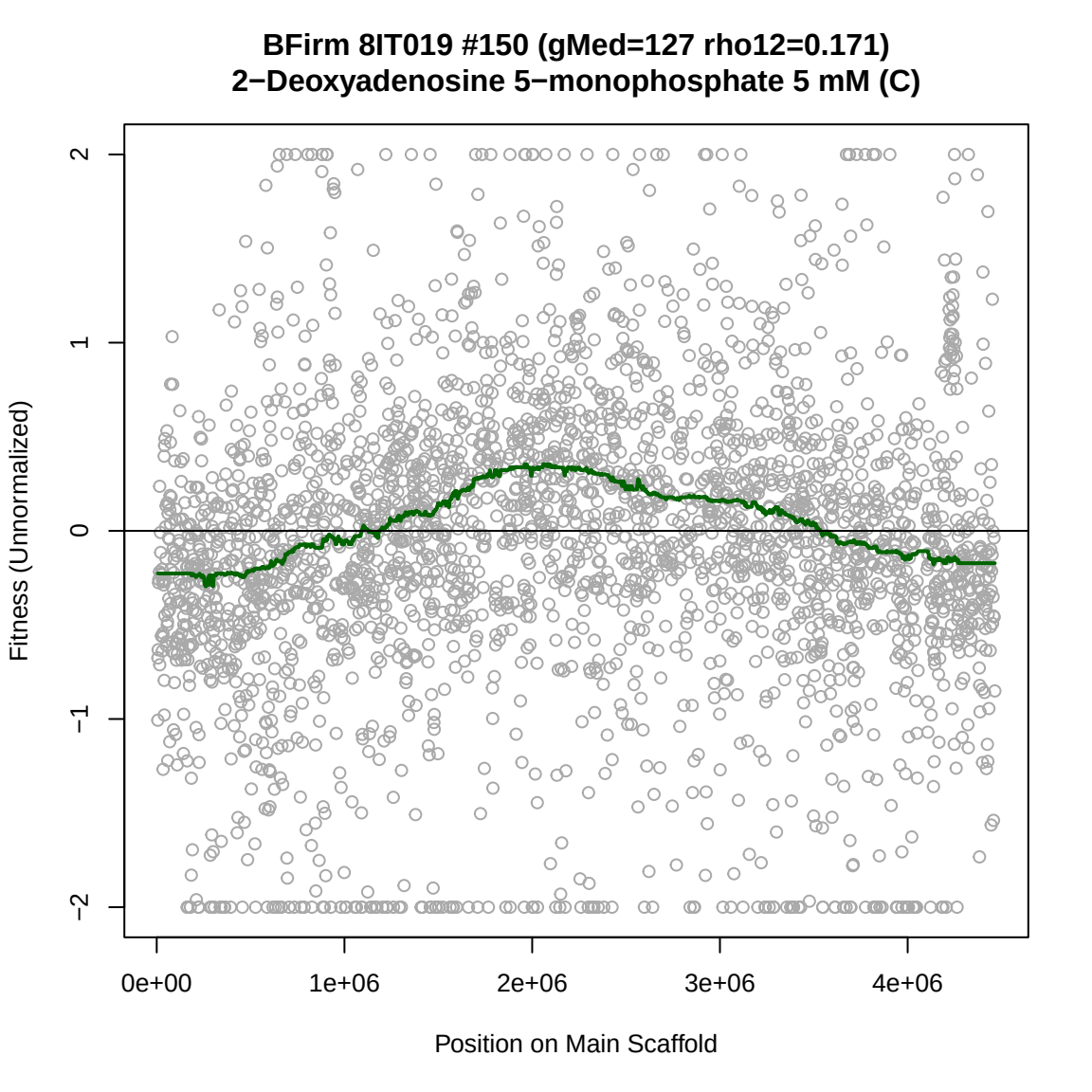

BFirm 6IT056 #145 (gMed=145 rho12=0.205)
2−Deoxy−D−Ribose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

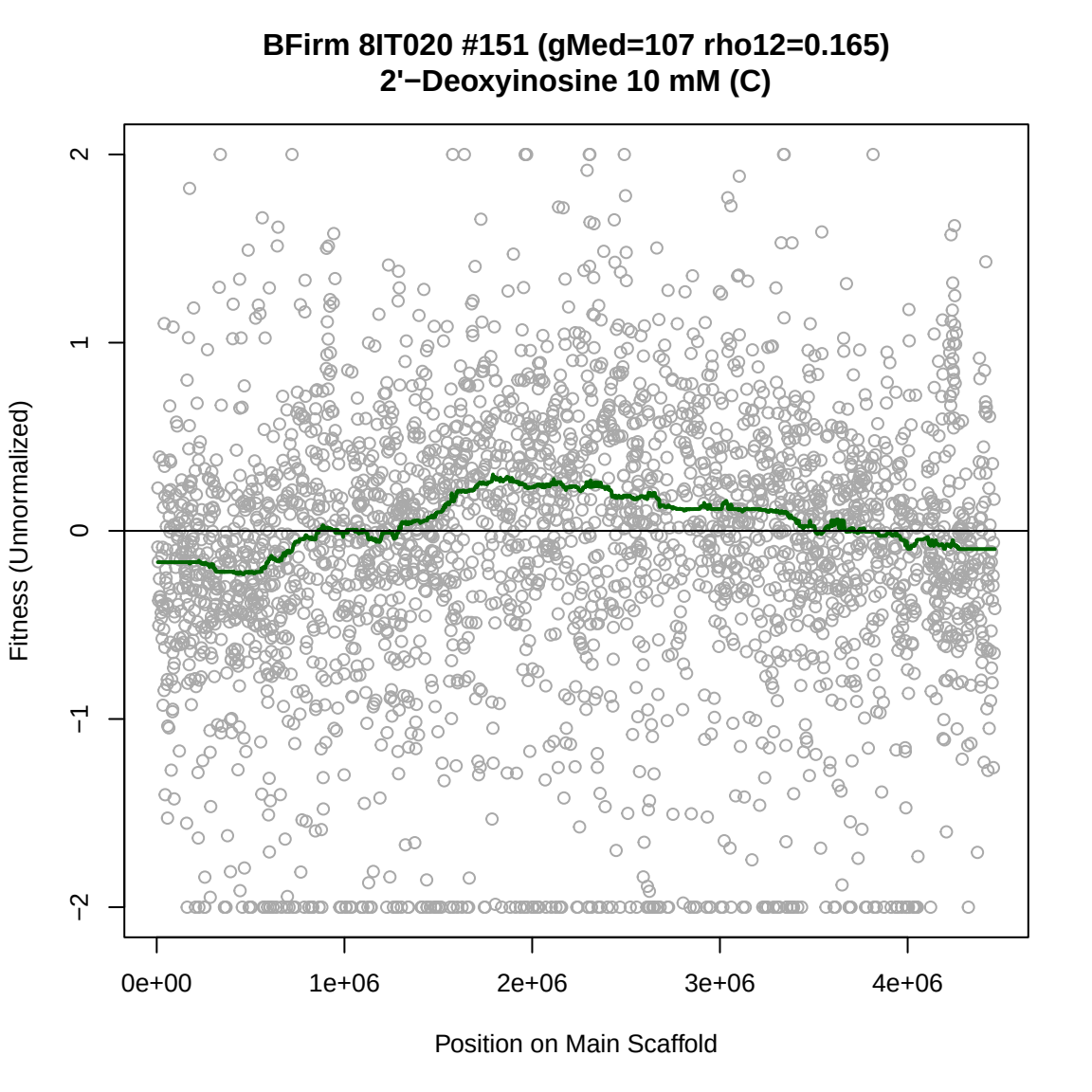

BFirm 6IT057 #146 (gMed=138 rho12=0.200)
2−Deoxy−D−Ribose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

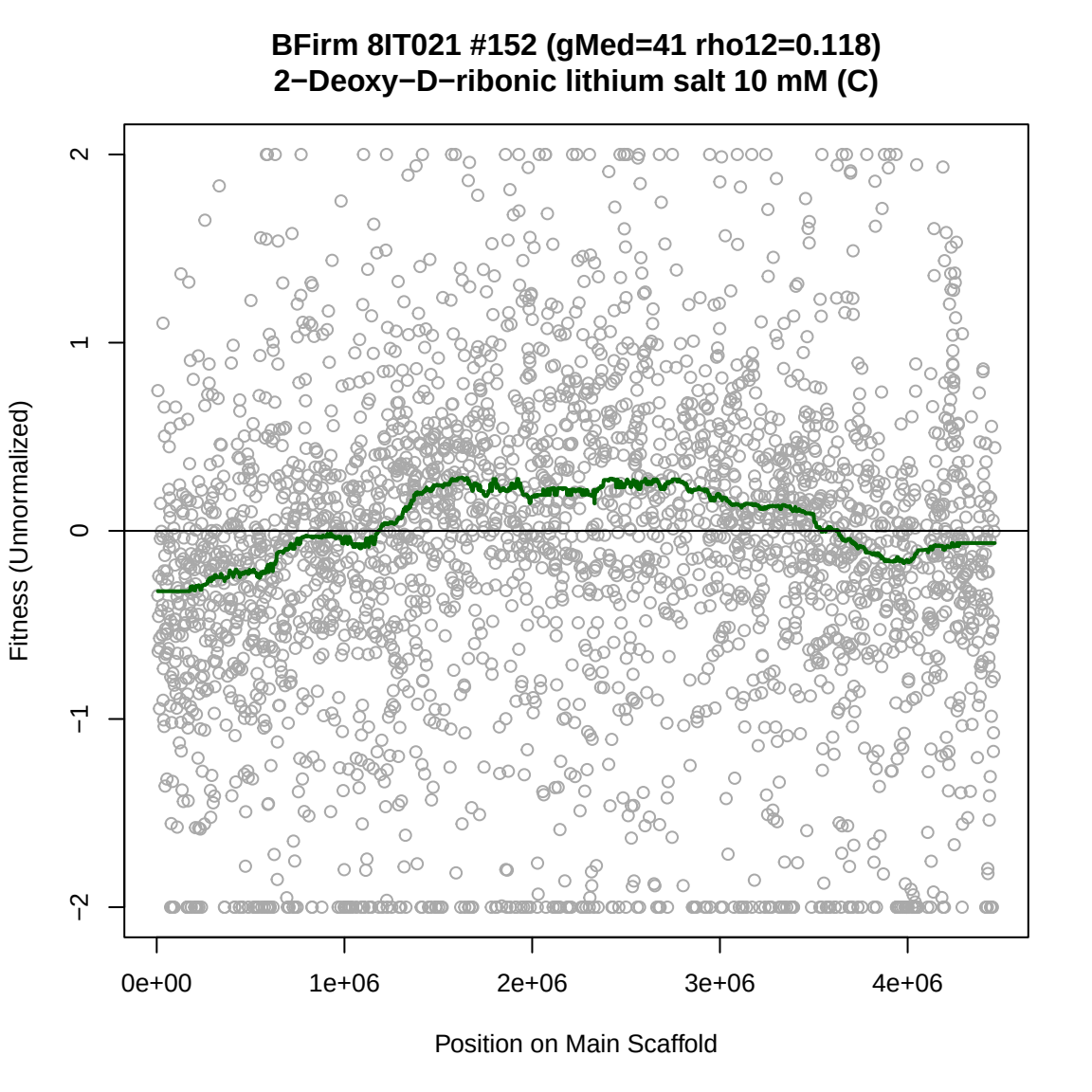

BFirm 6IT058 #147 (gMed=135 rho12=0.231)
2−Deoxy−D−Ribose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

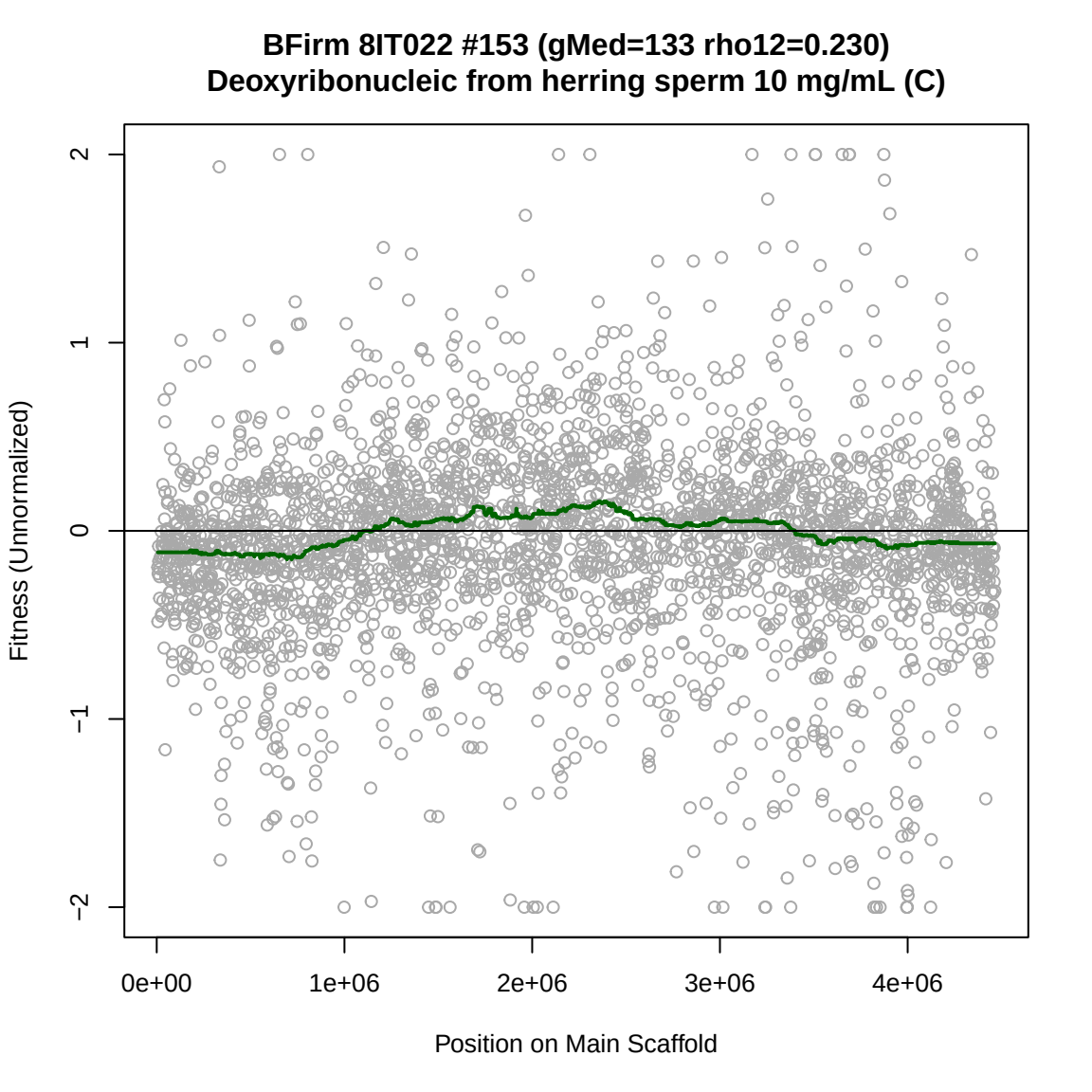

BFirm 6IT059 #148 (gMed=98 rho12=0.173)
2−Deoxy−D−ribonic lithium salt (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

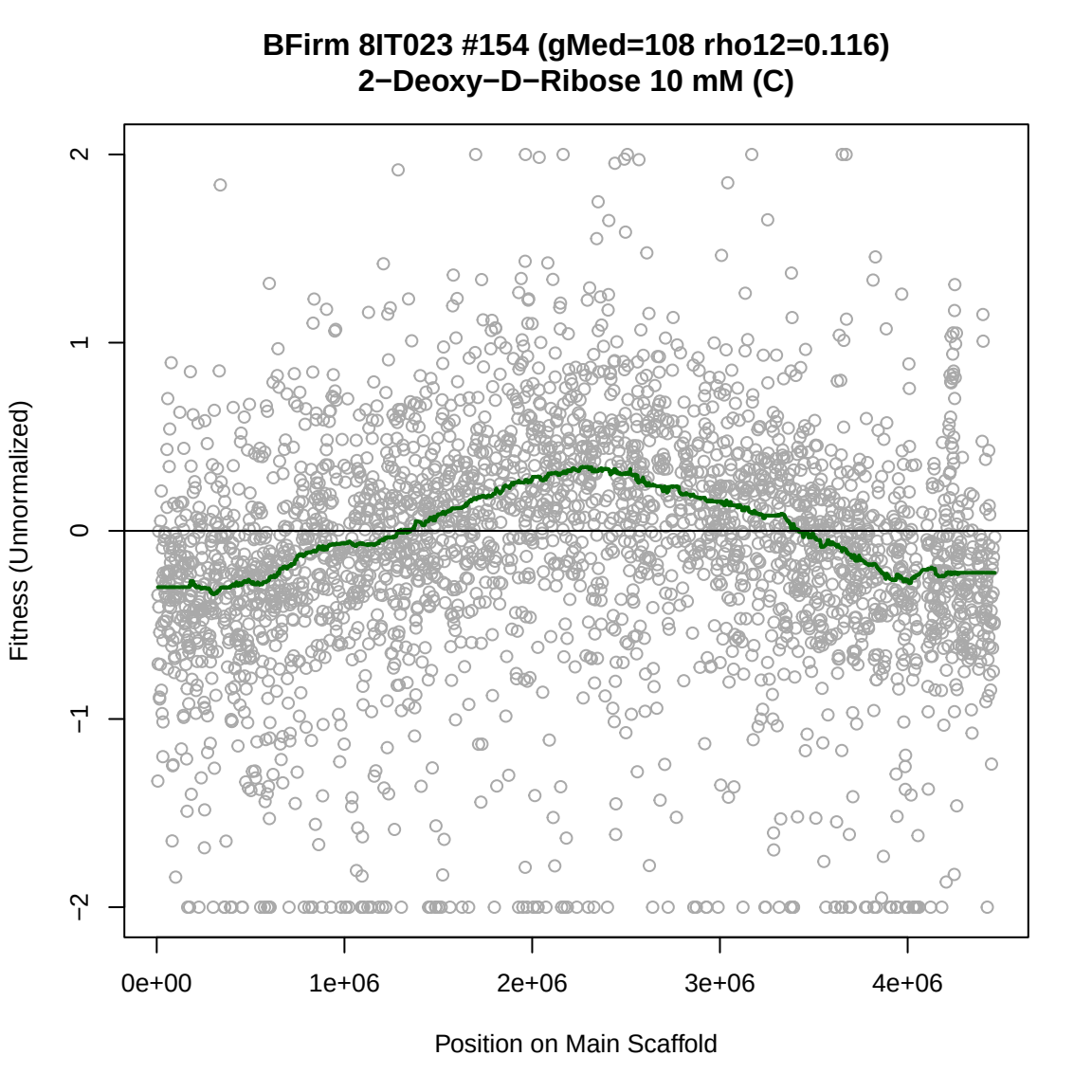

BFirm 6IT060 #149 (gMed=97 rho12=0.175)
2−Deoxy−D−ribonic lithium salt (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

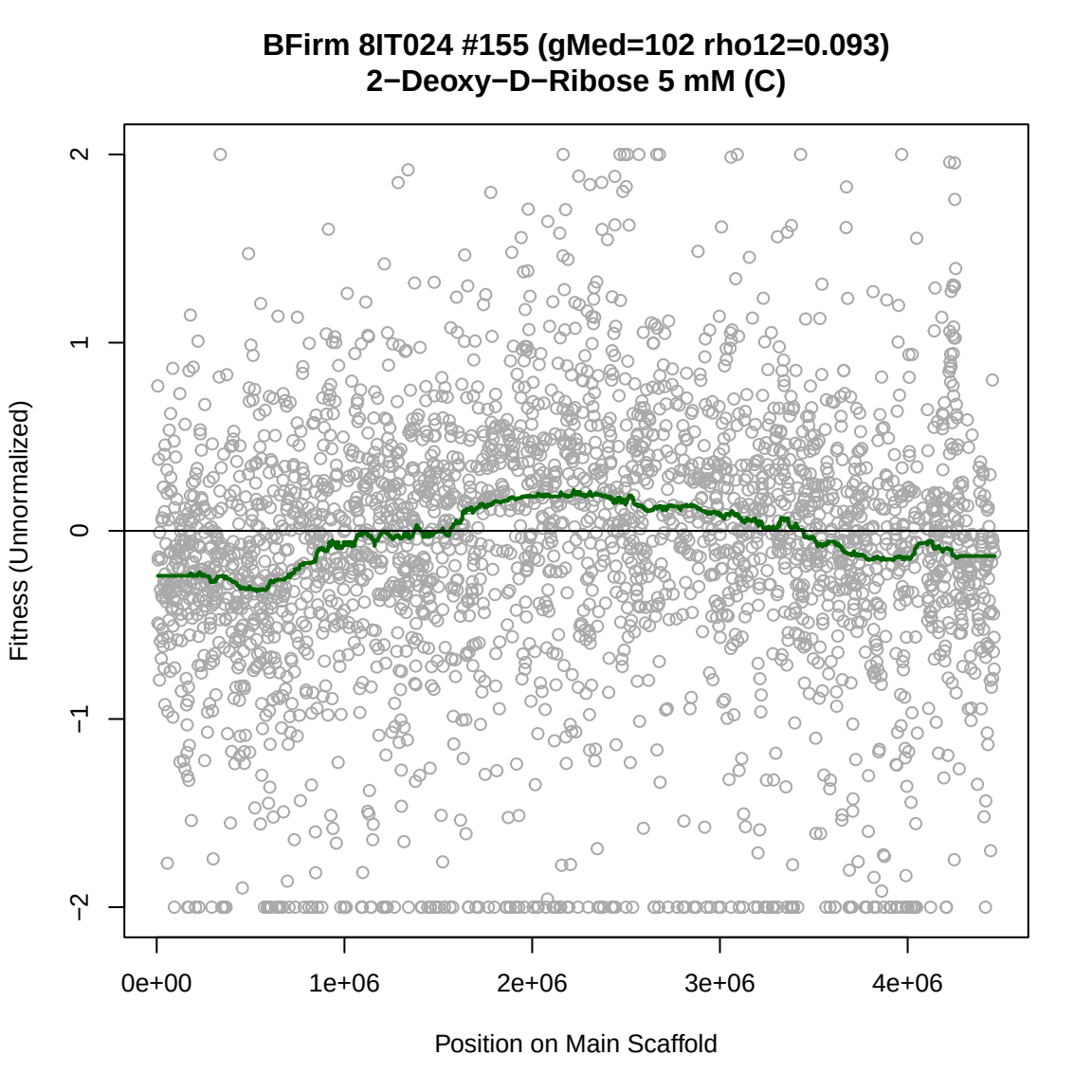

BFirm 8IT019 #150 (gMed=127 rho12=0.171)
2−Deoxyadenosine 5−monophosphate 5 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

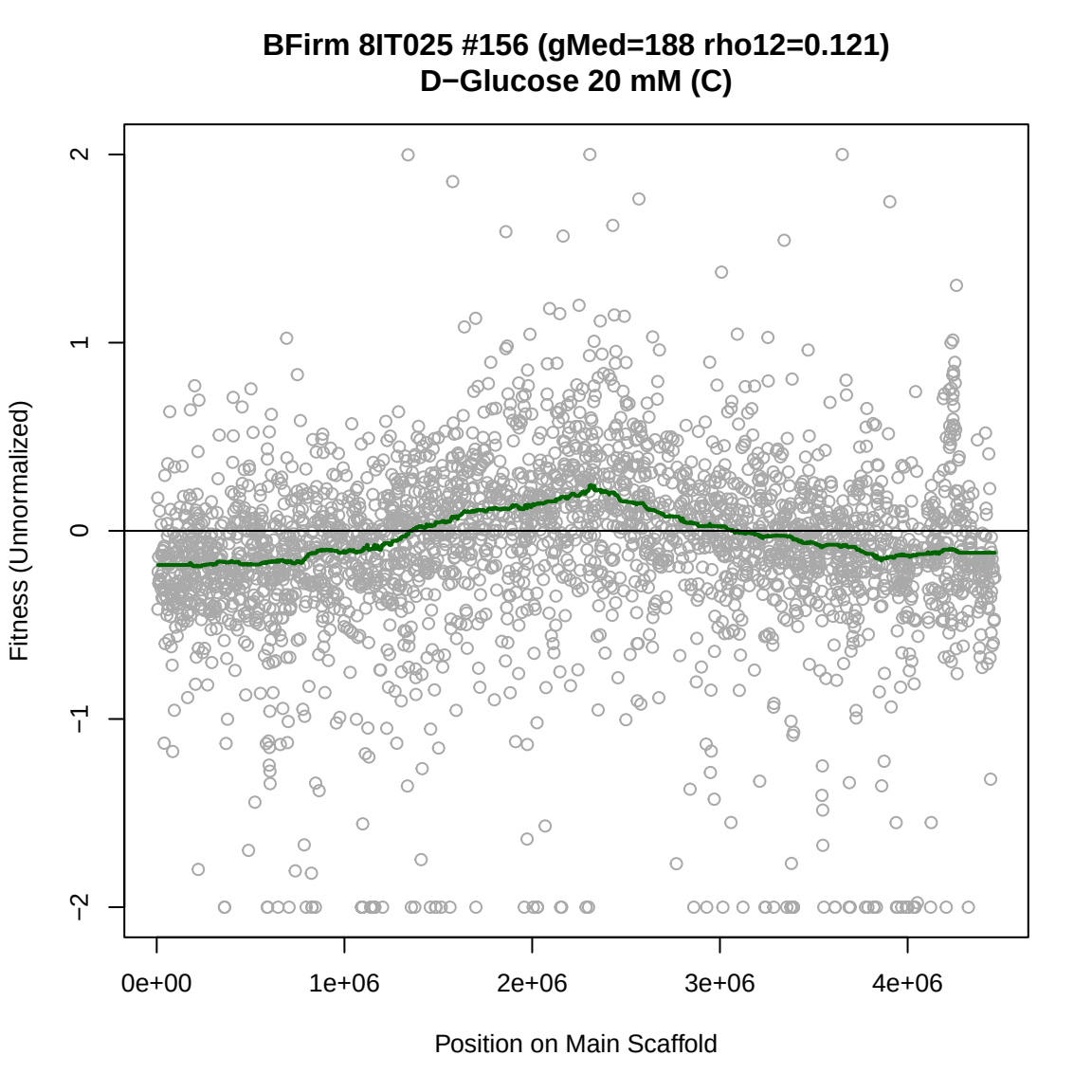

BFirm 8IT020 #151 (gMed=107 rho12=0.165)
2'−Deoxyinosine 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

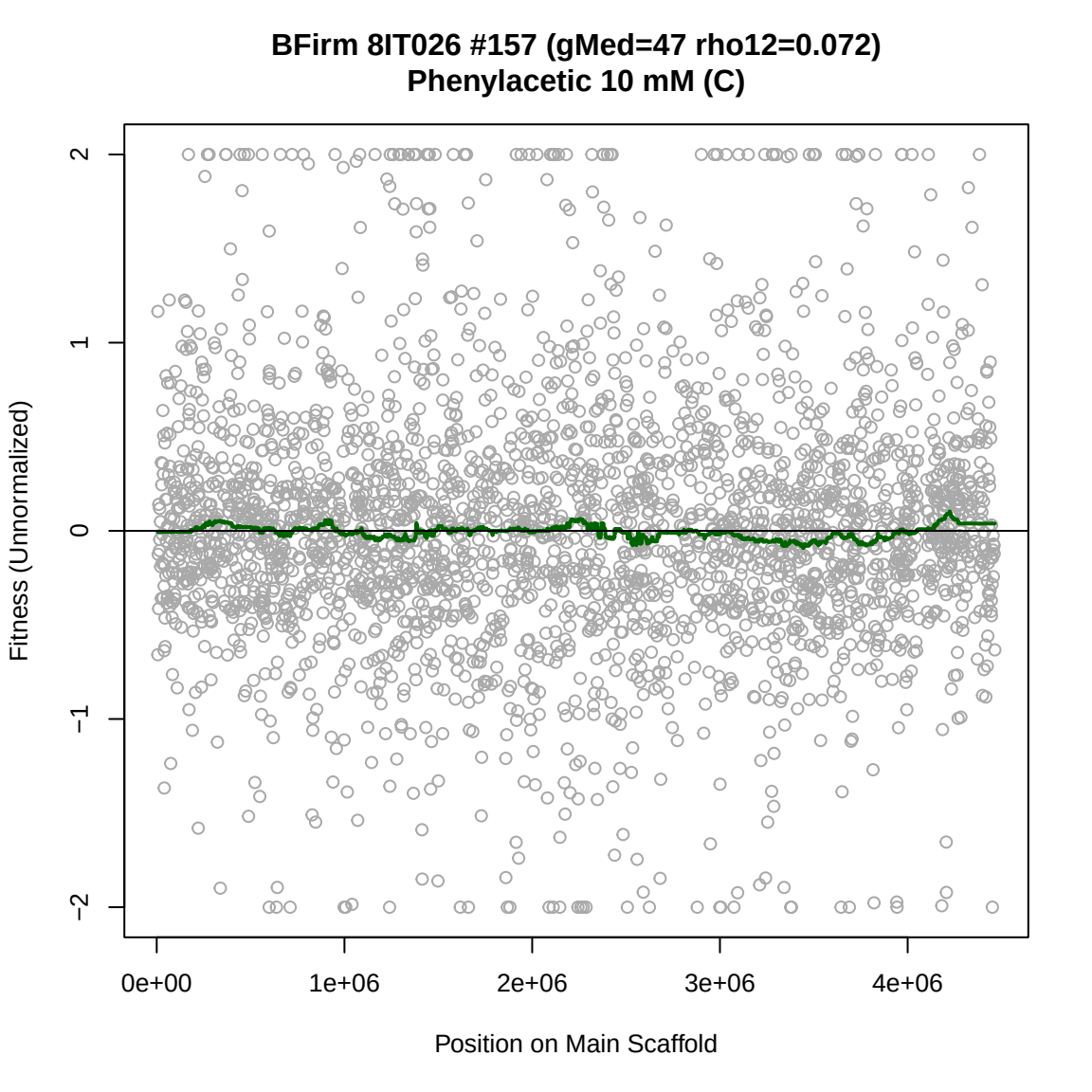

BFirm 8IT021 #152 (gMed=41 rho12=0.118)
2−Deoxy−D−ribonic lithium salt 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

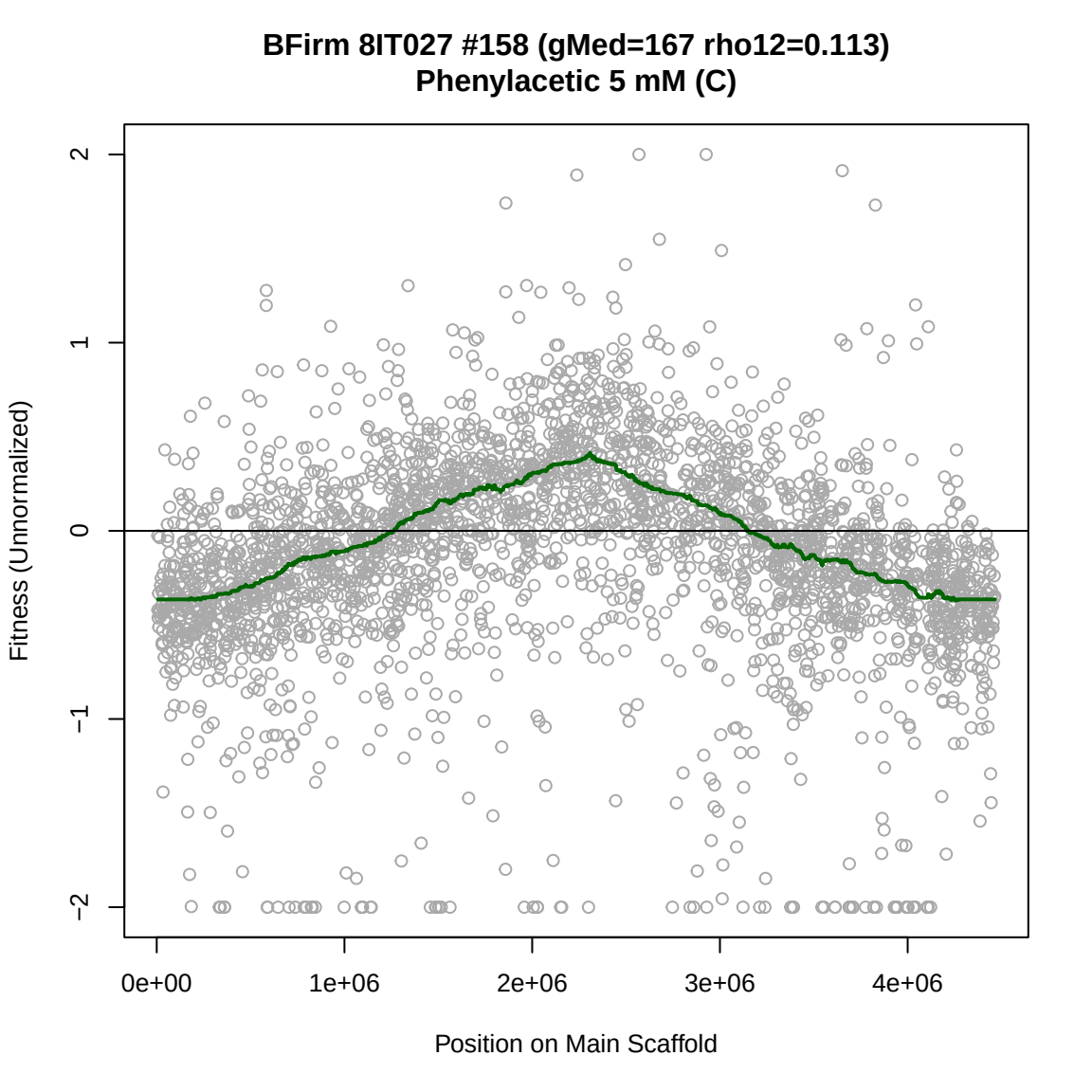

BFirm 8IT022 #153 (gMed=133 rho12=0.230)
Deoxyribonucleic from herring sperm 10 mg/mL (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

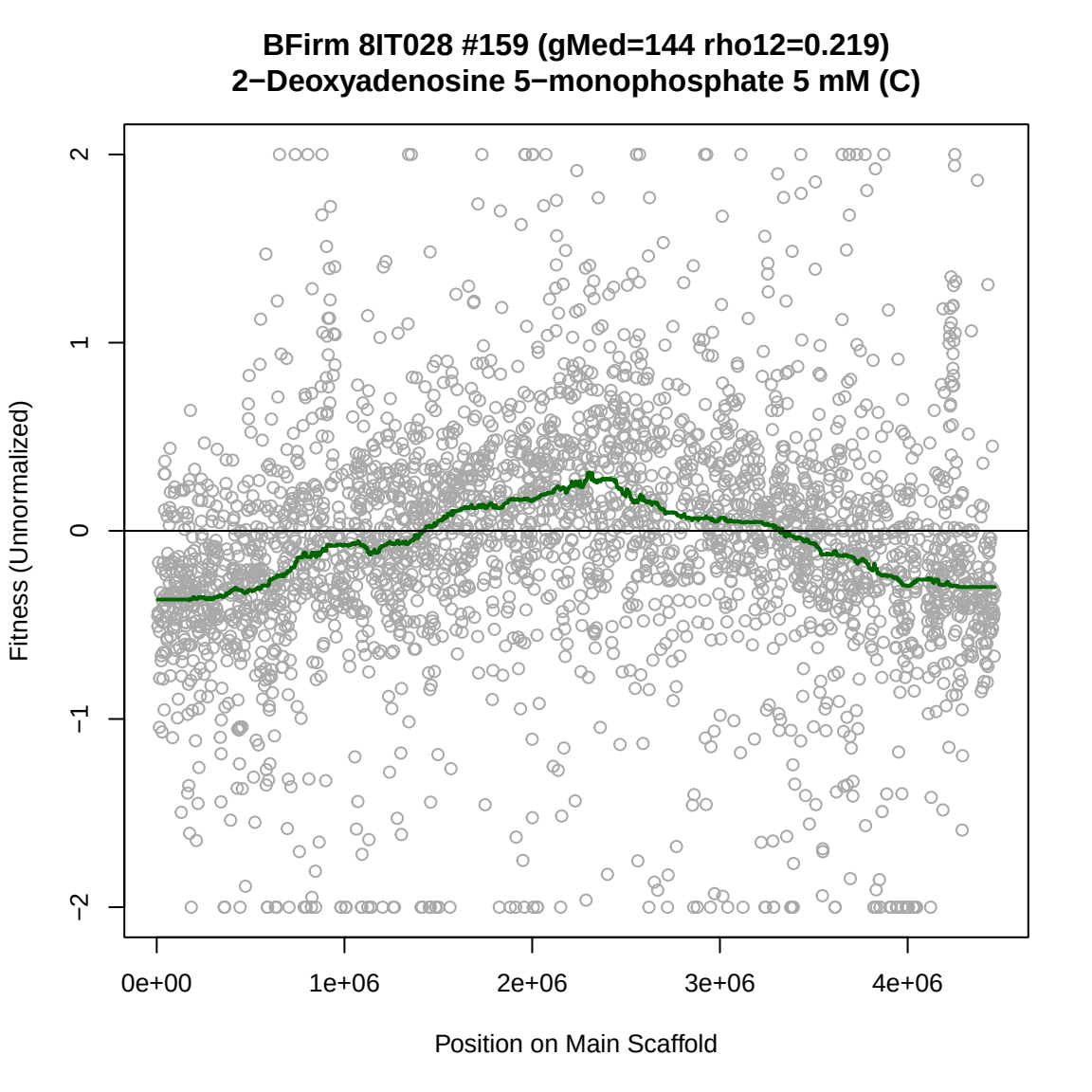

BFirm 8IT023 #154 (gMed=108 rho12=0.116)
2−Deoxy−D−Ribose 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

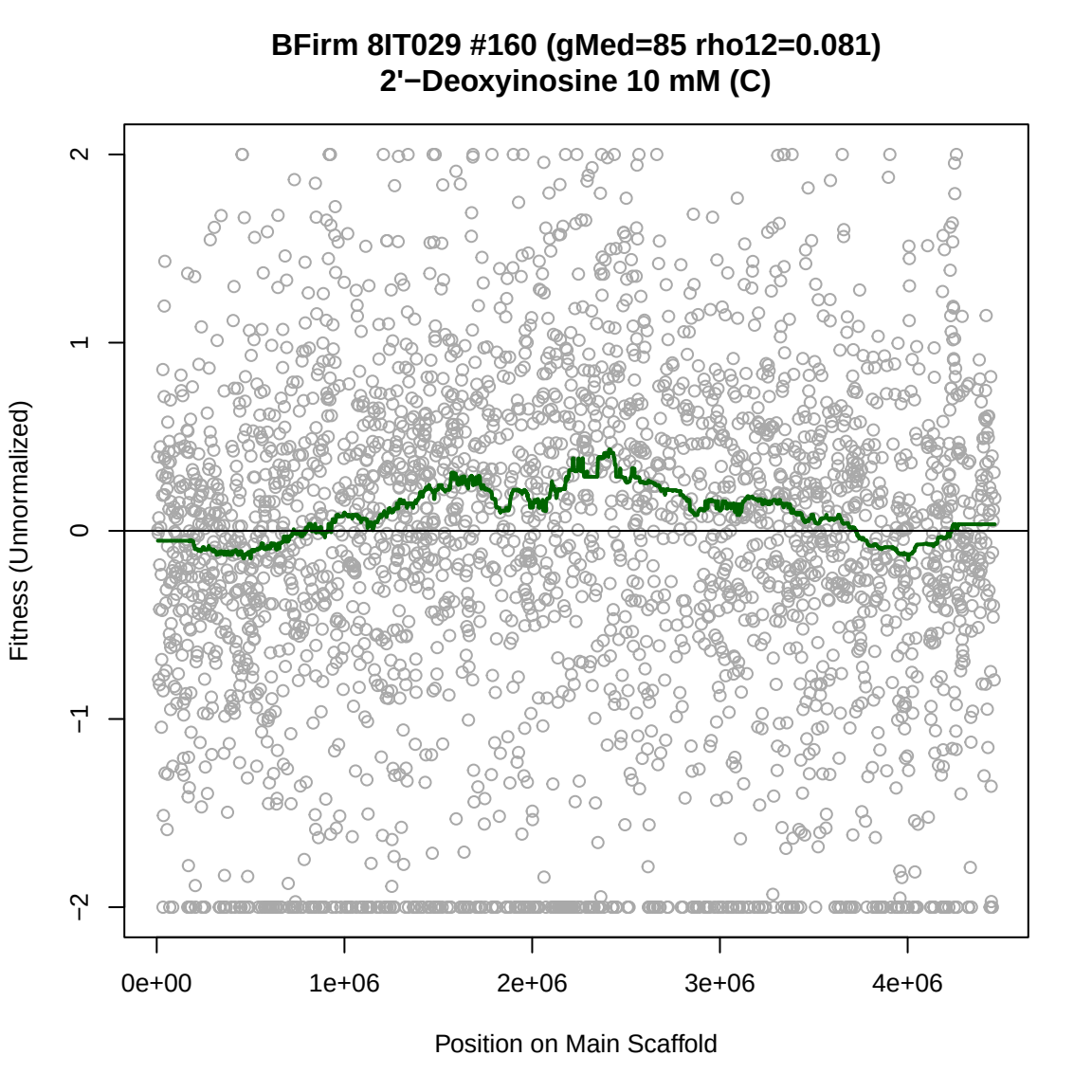

BFirm 8IT024 #155 (gMed=102 rho12=0.093)
2−Deoxy−D−Ribose 5 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

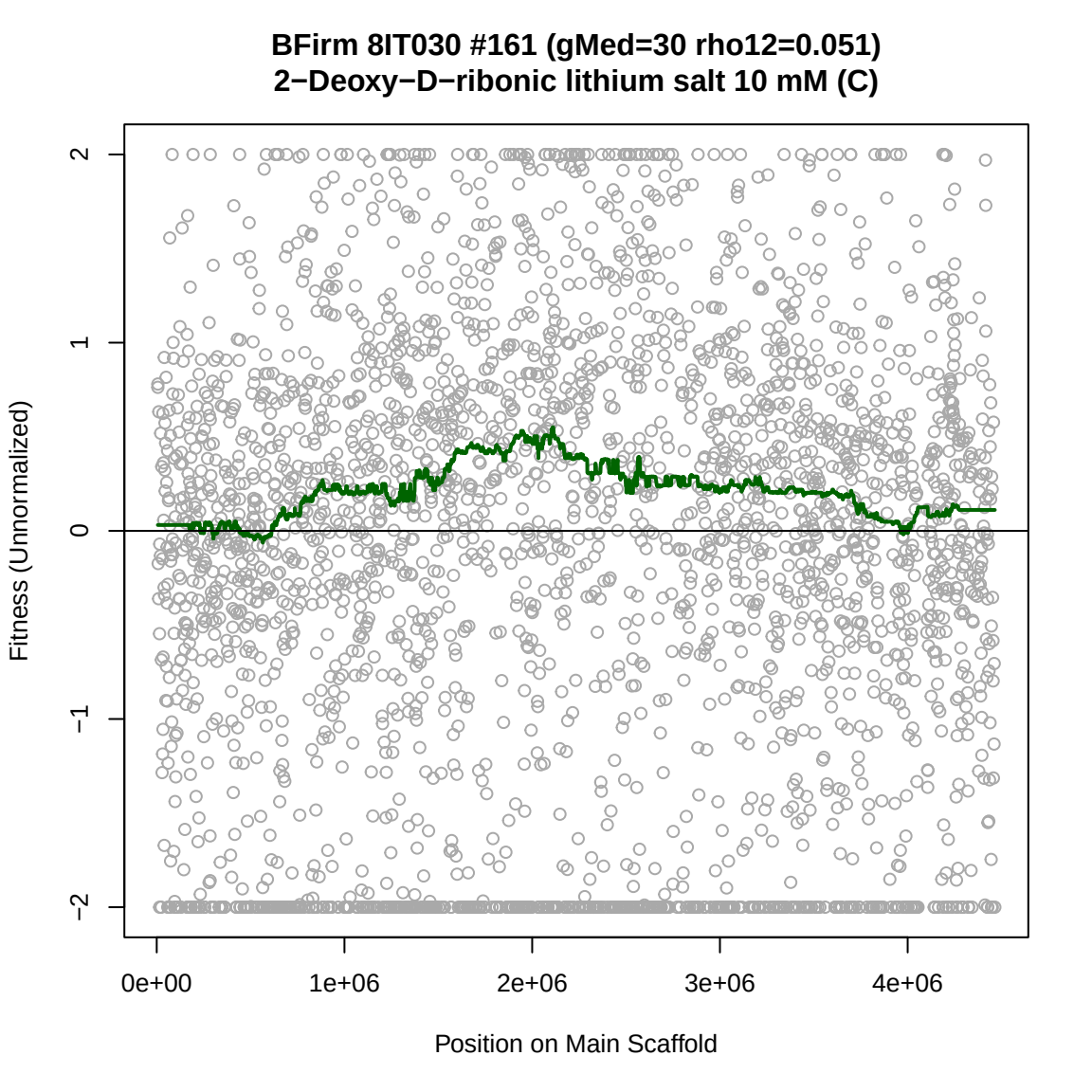

BFirm 8IT025 #156 (gMed=188 rho12=0.121)
D−Glucose 20 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

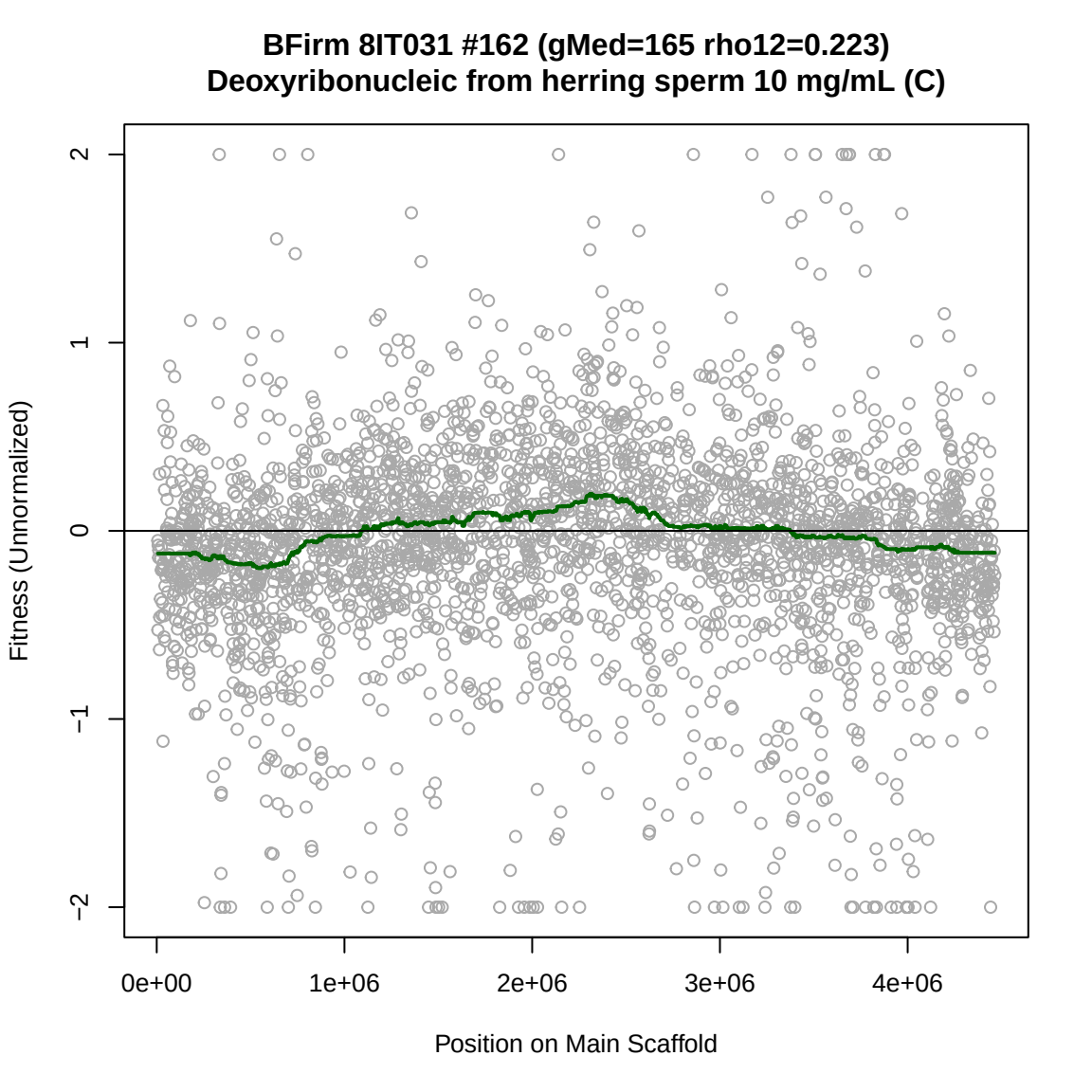

BFirm 8IT026 #157 (gMed=47 rho12=0.072)
Phenylacetic 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

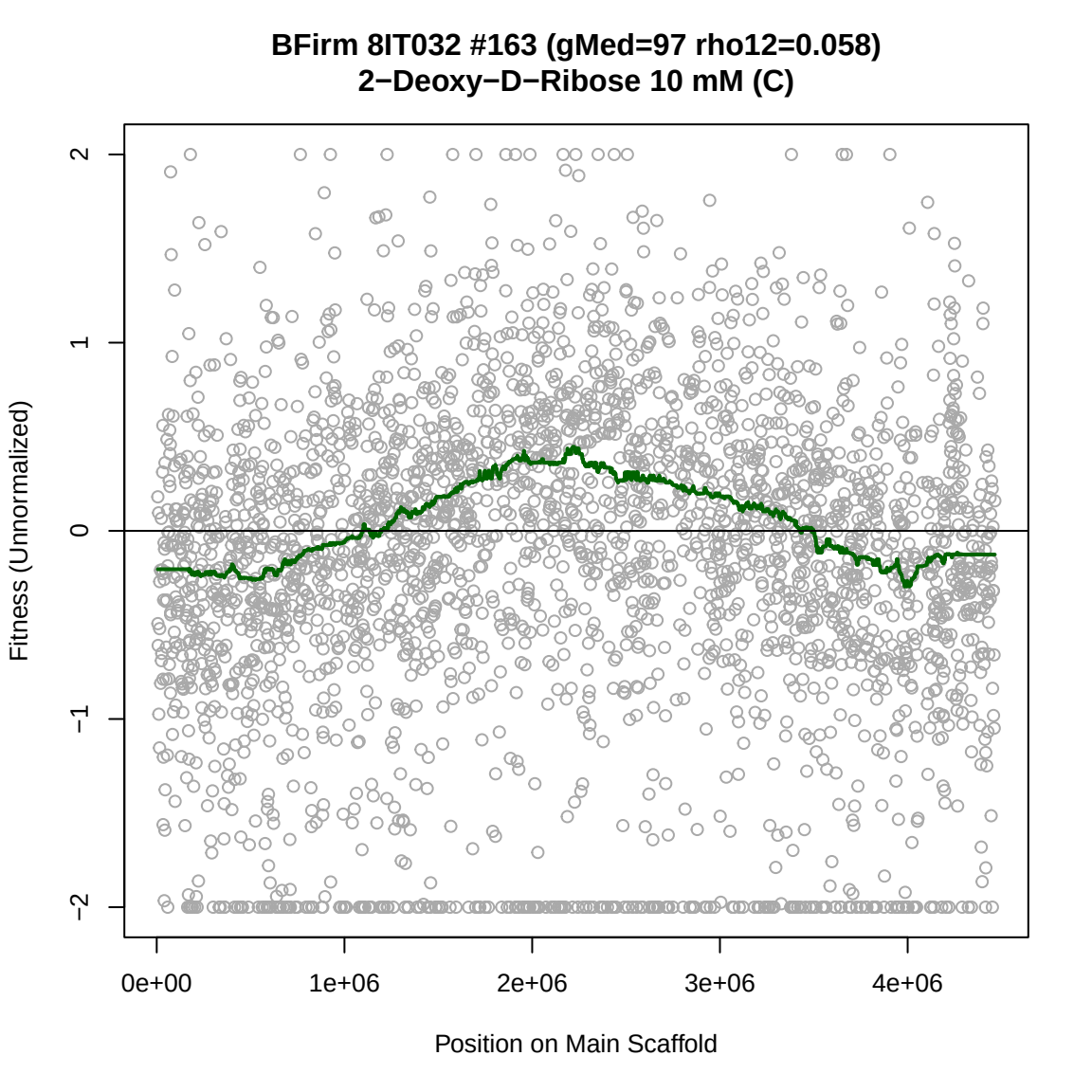

BFirm 8IT027 #158 (gMed=167 rho12=0.113)
Phenylacetic 5 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

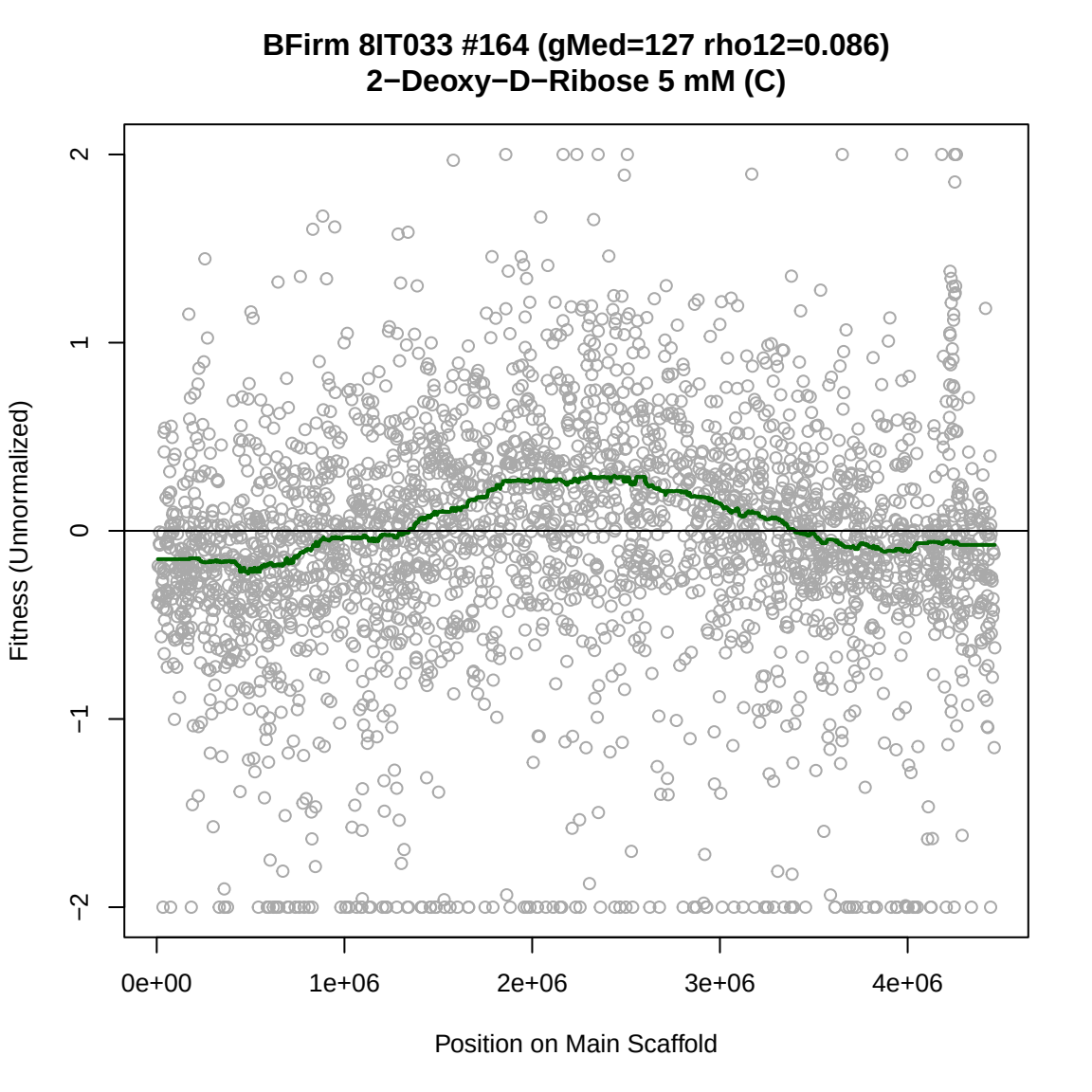

BFirm 8IT028 #159 (gMed=144 rho12=0.219)
2−Deoxyadenosine 5−monophosphate 5 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

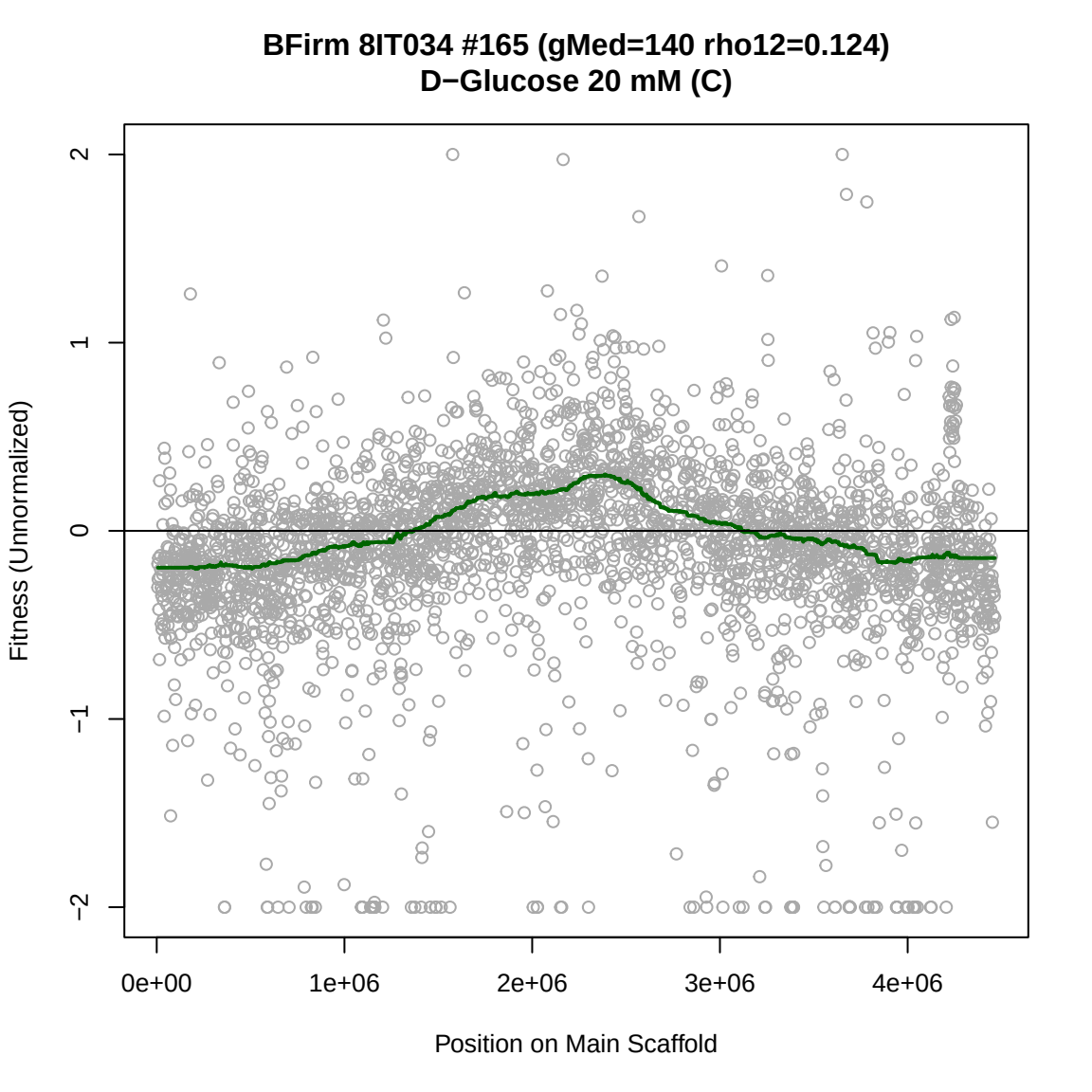

BFirm 8IT029 #160 (gMed=85 rho12=0.081)
2'−Deoxyinosine 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

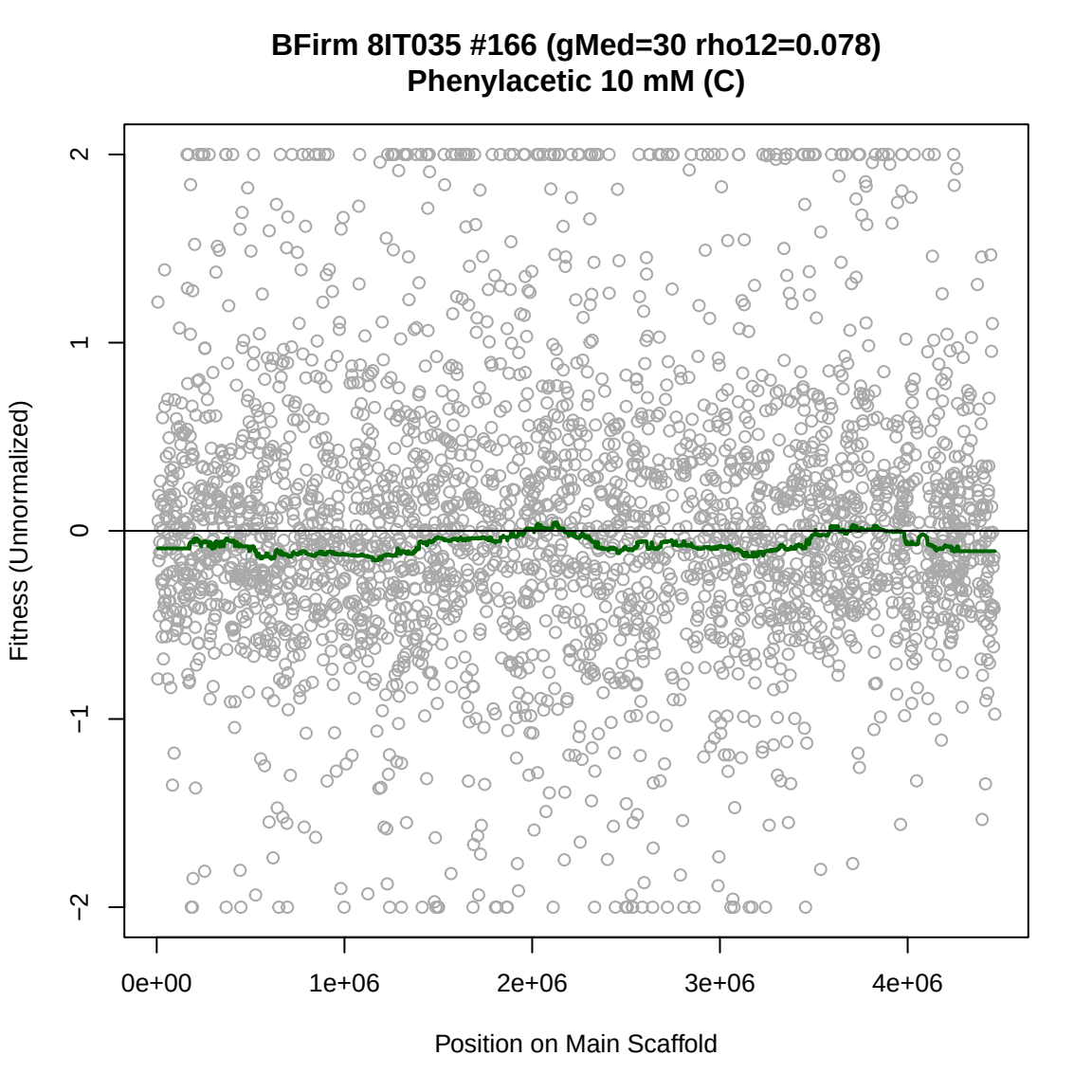

BFirm 8IT030 #161 (gMed=30 rho12=0.051)
2−Deoxy−D−ribonic lithium salt 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

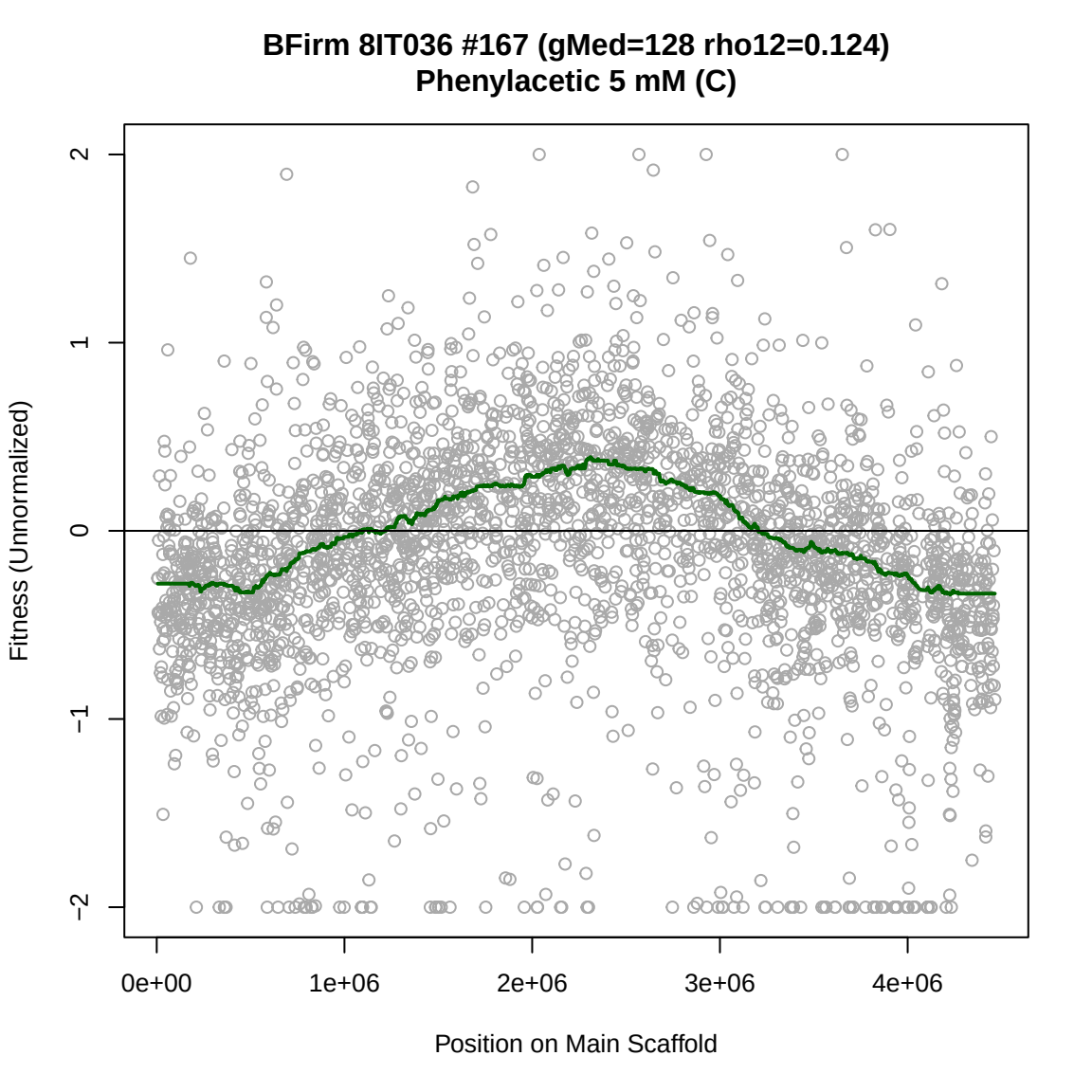

BFirm 8IT031 #162 (gMed=165 rho12=0.223)
Deoxyribonucleic from herring sperm 10 mg/mL (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

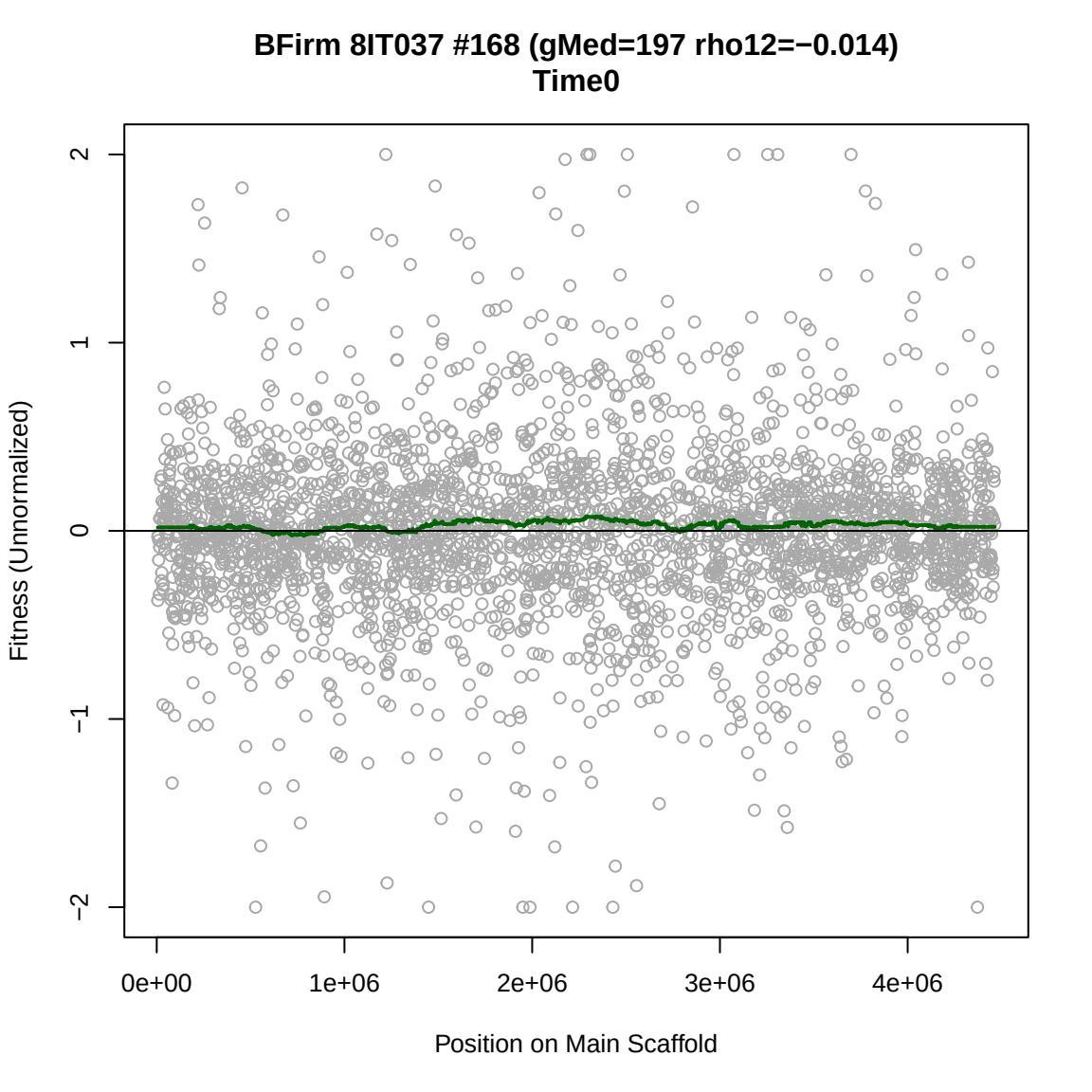

BFirm 8IT032 #163 (gMed=97 rho12=0.058)
2−Deoxy−D−Ribose 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

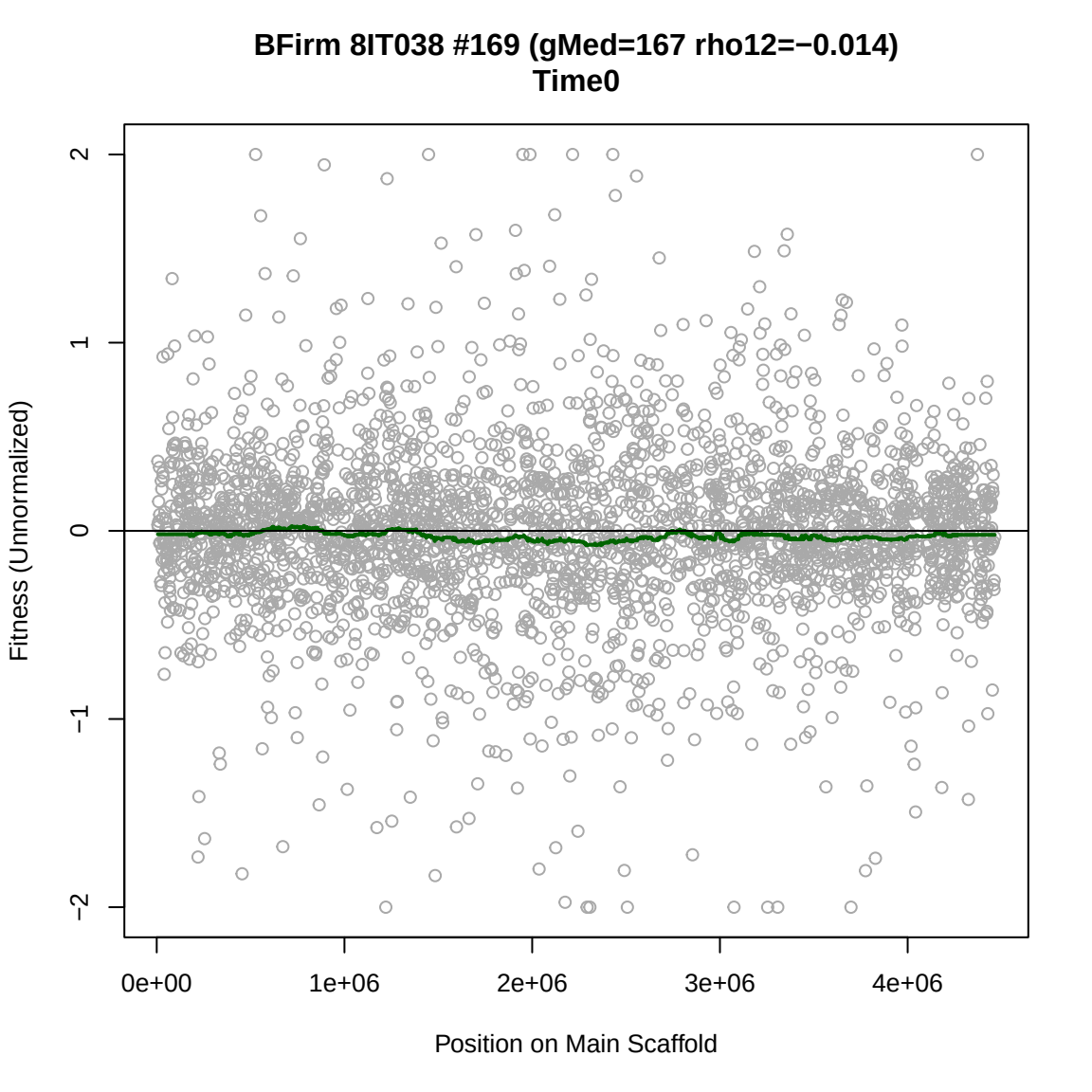

BFirm 8IT033 #164 (gMed=127 rho12=0.086)
2−Deoxy−D−Ribose 5 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

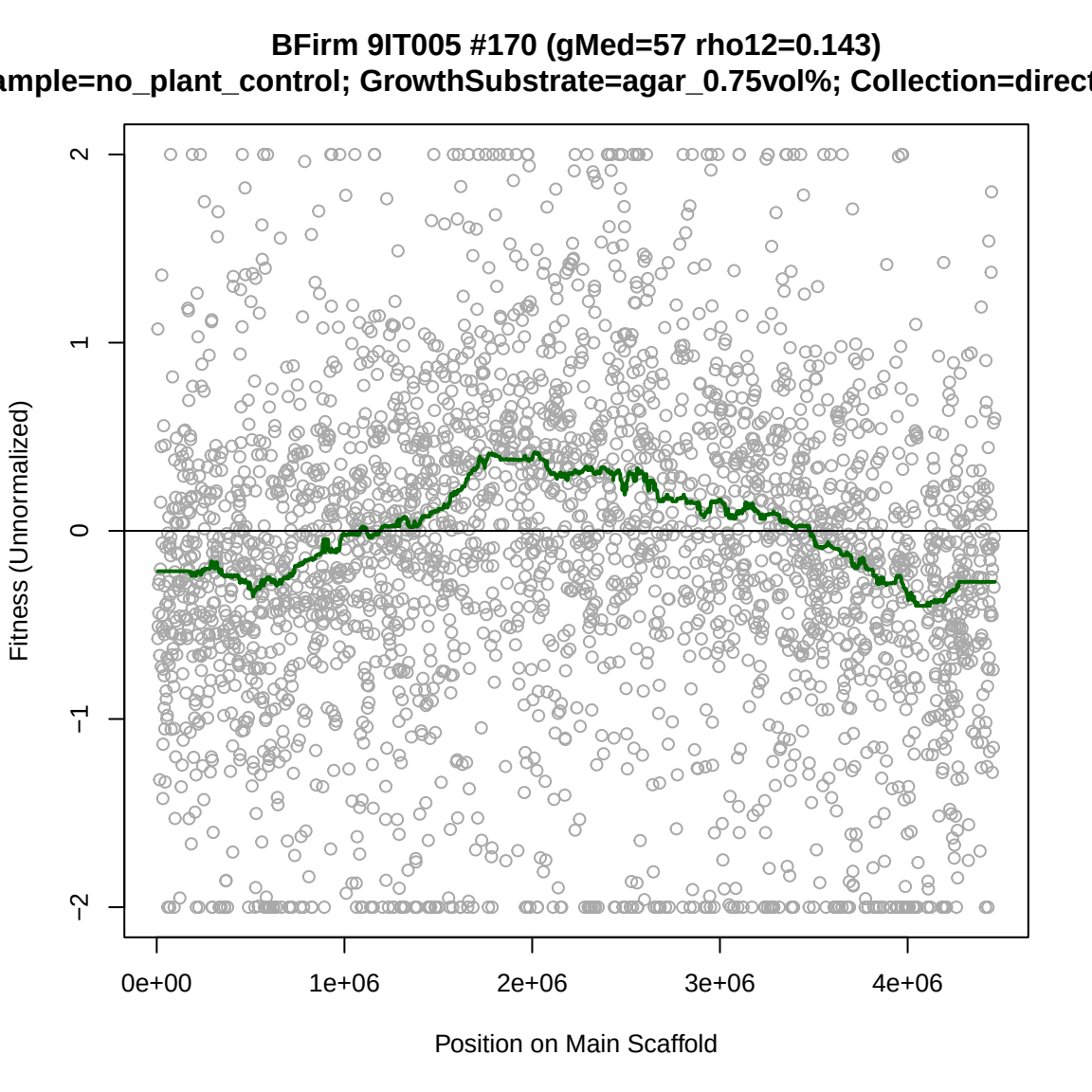

BFirm 8IT034 #165 (gMed=140 rho12=0.124)
D−Glucose 20 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

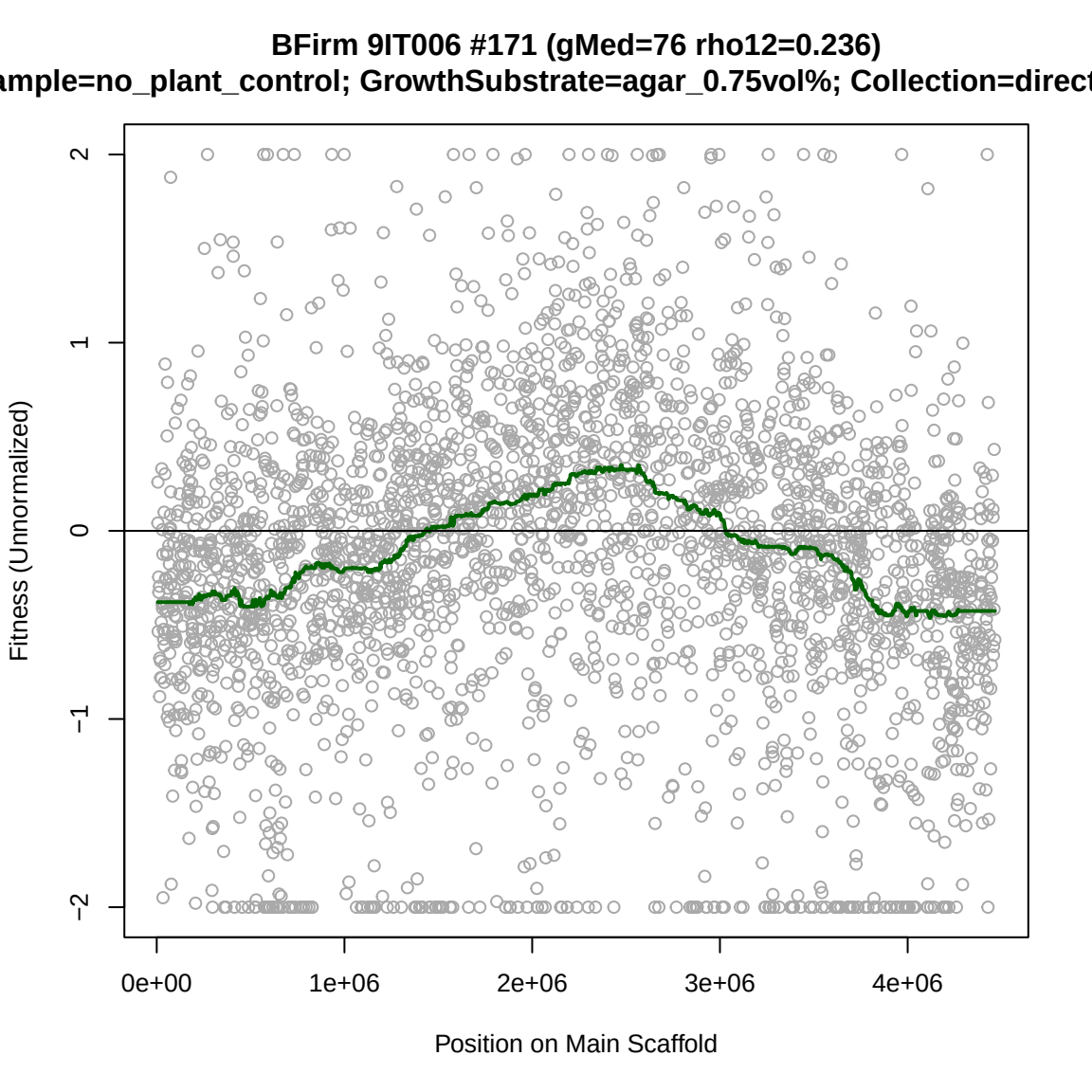

BFirm 8IT035 #166 (gMed=30 rho12=0.078)
Phenylacetic 10 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

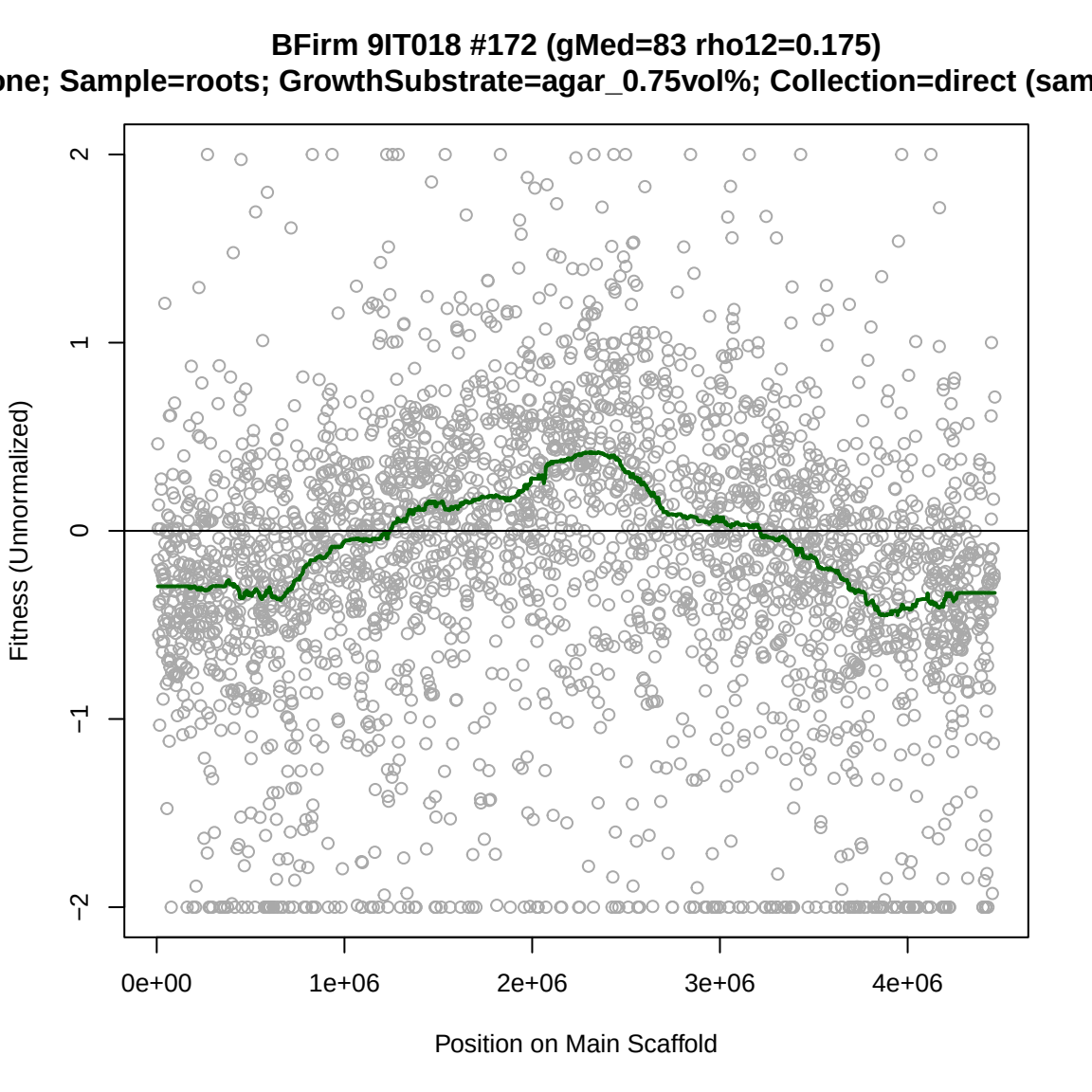

BFirm 8IT036 #167 (gMed=128 rho12=0.124)
Phenylacetic 5 mM (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

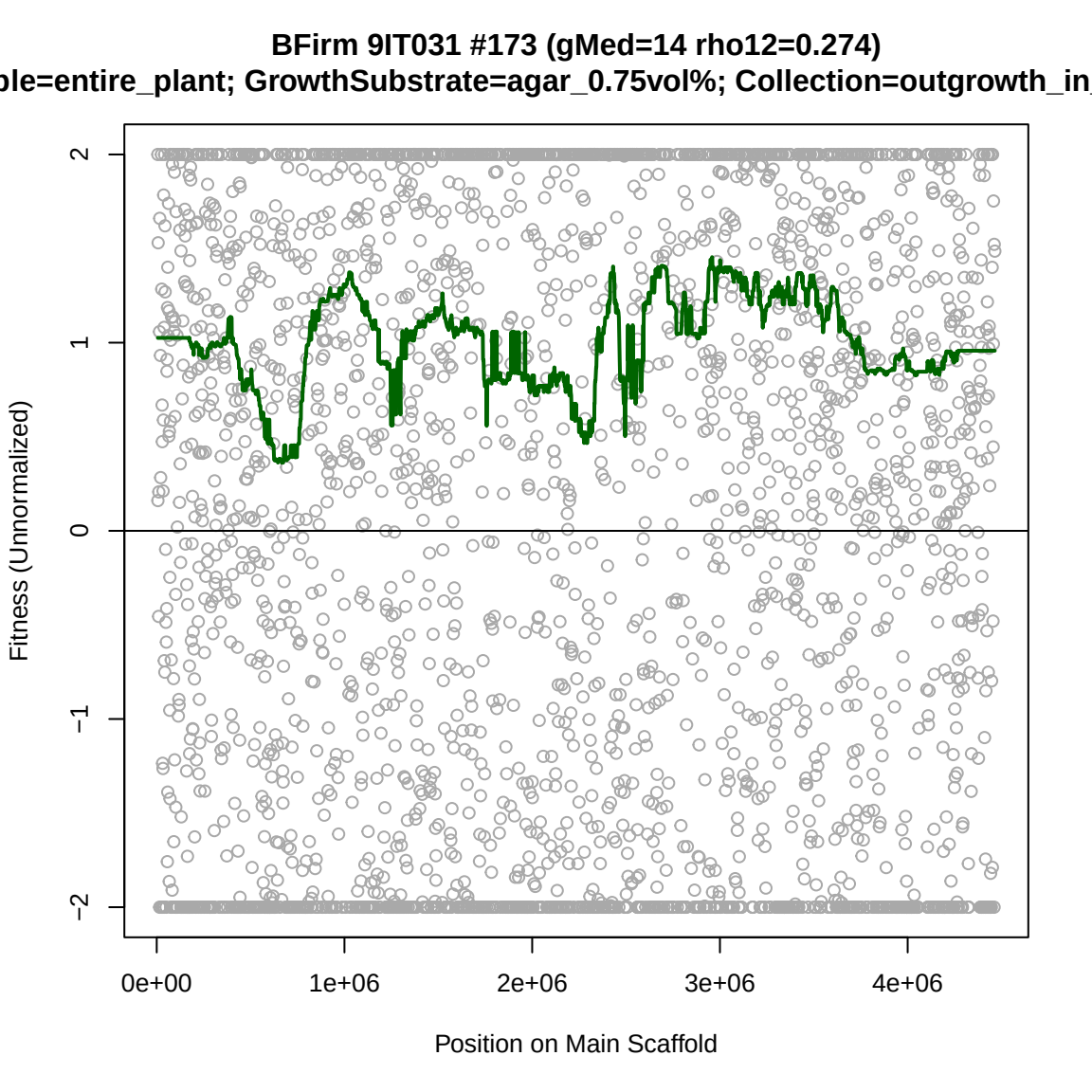

BFirm 8IT037 #168 (gMed=197 rho12=−0.014)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

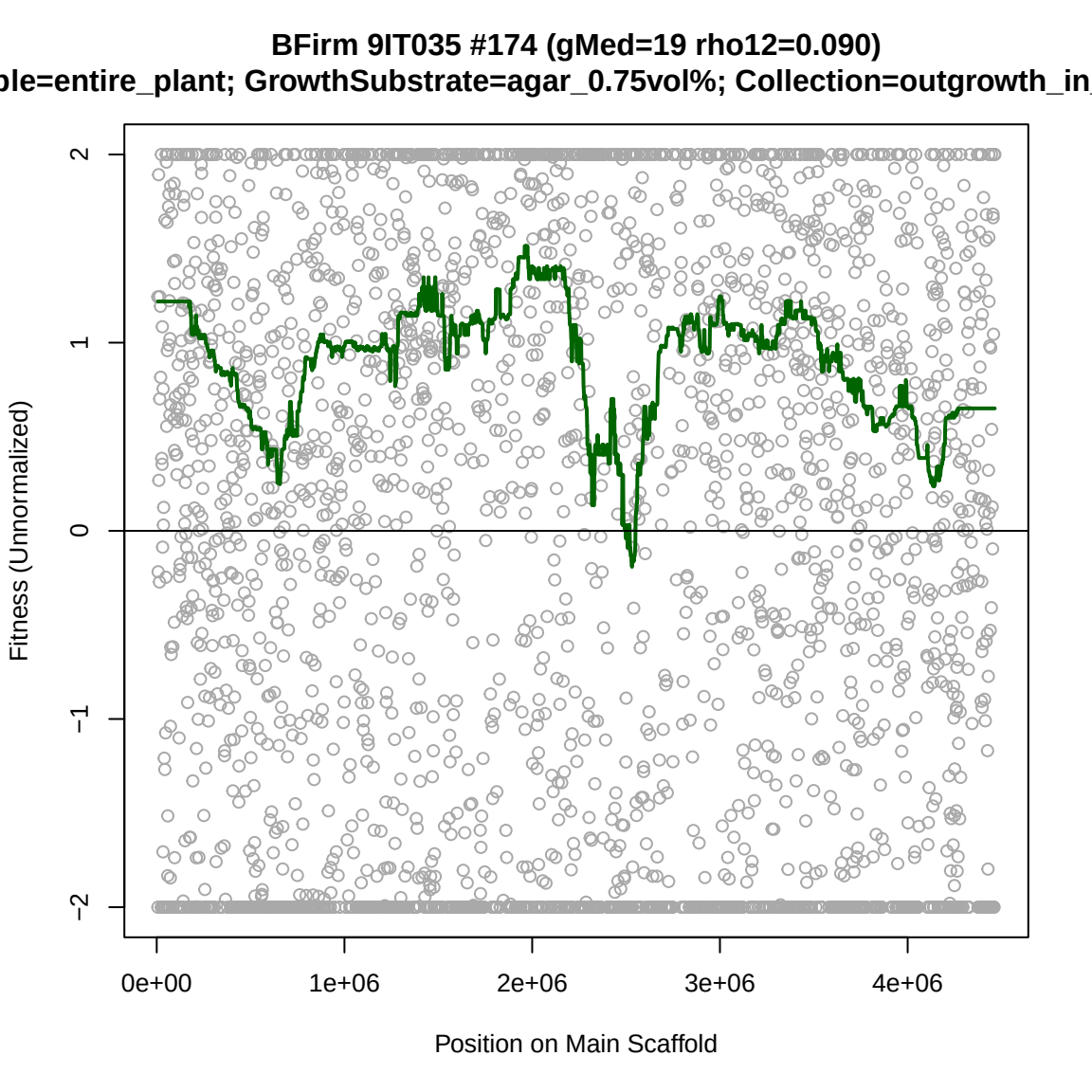

BFirm 8IT038 #169 (gMed=167 rho12=−0.014)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

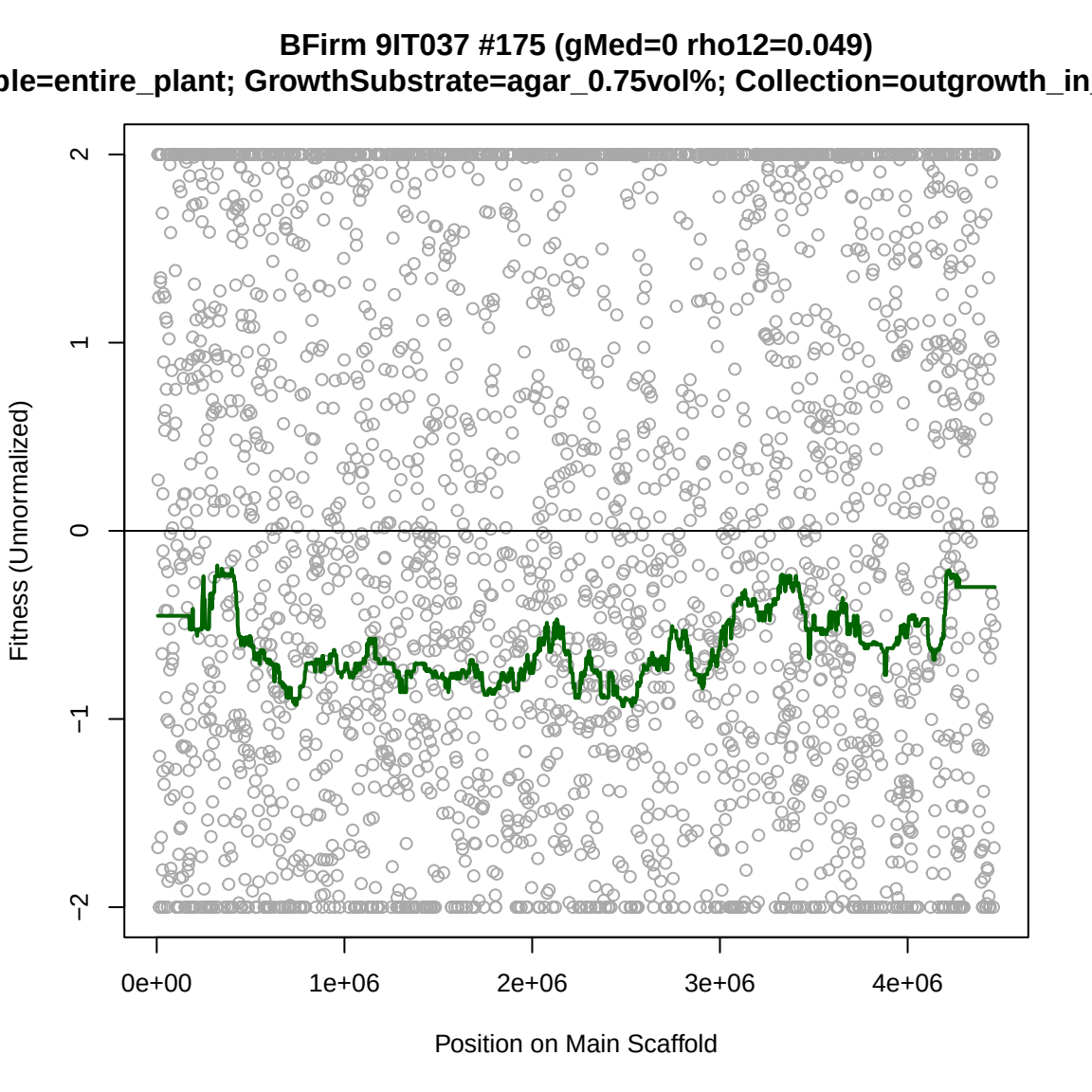

BFirm 9IT005 #170 (gMed=57 rho12=0.143)
ample=no_plant_control; GrowthSubstrate=agar_0.75vol%; Collection=direct
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

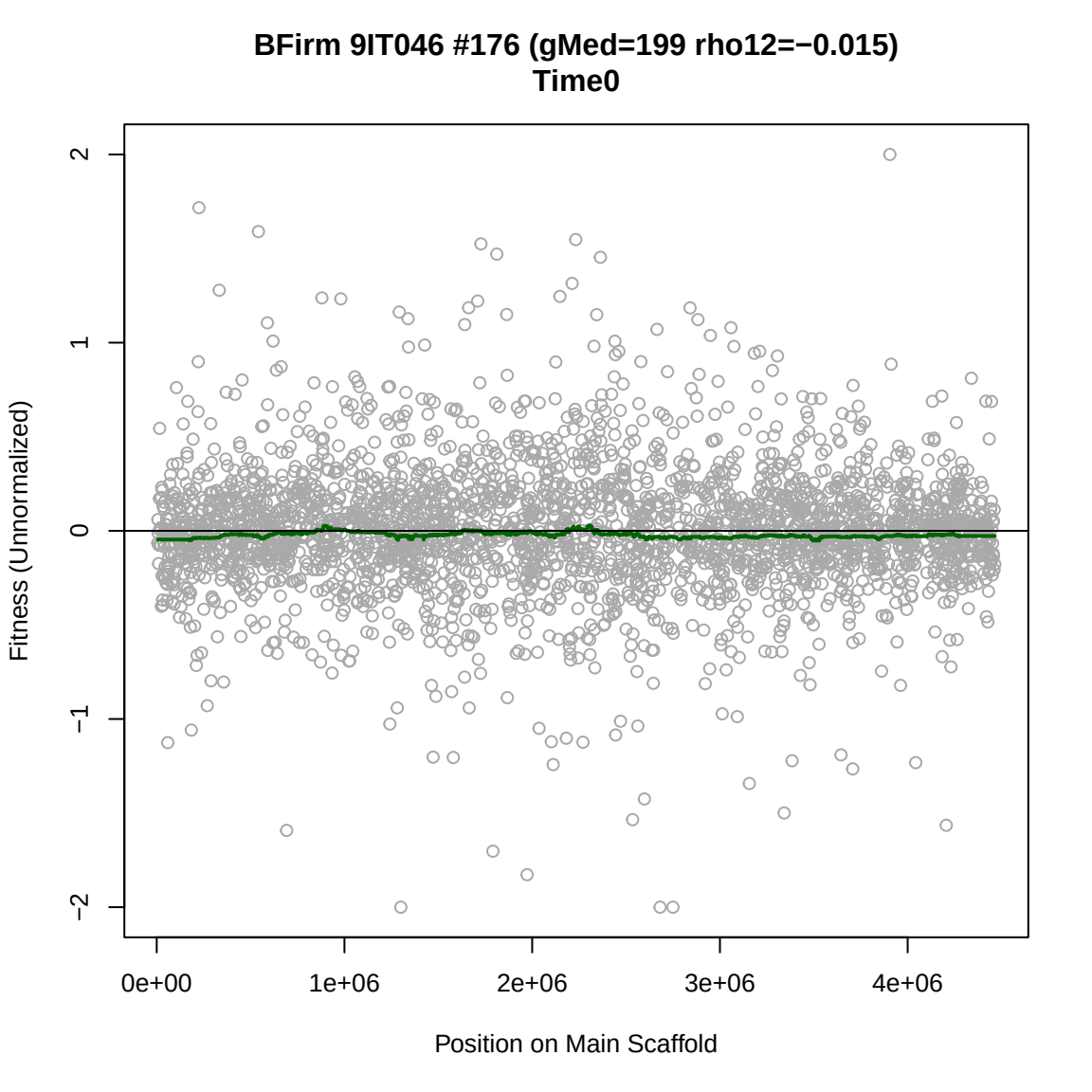

BFirm 9IT006 #171 (gMed=76 rho12=0.236)
ample=no_plant_control; GrowthSubstrate=agar_0.75vol%; Collection=direct
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

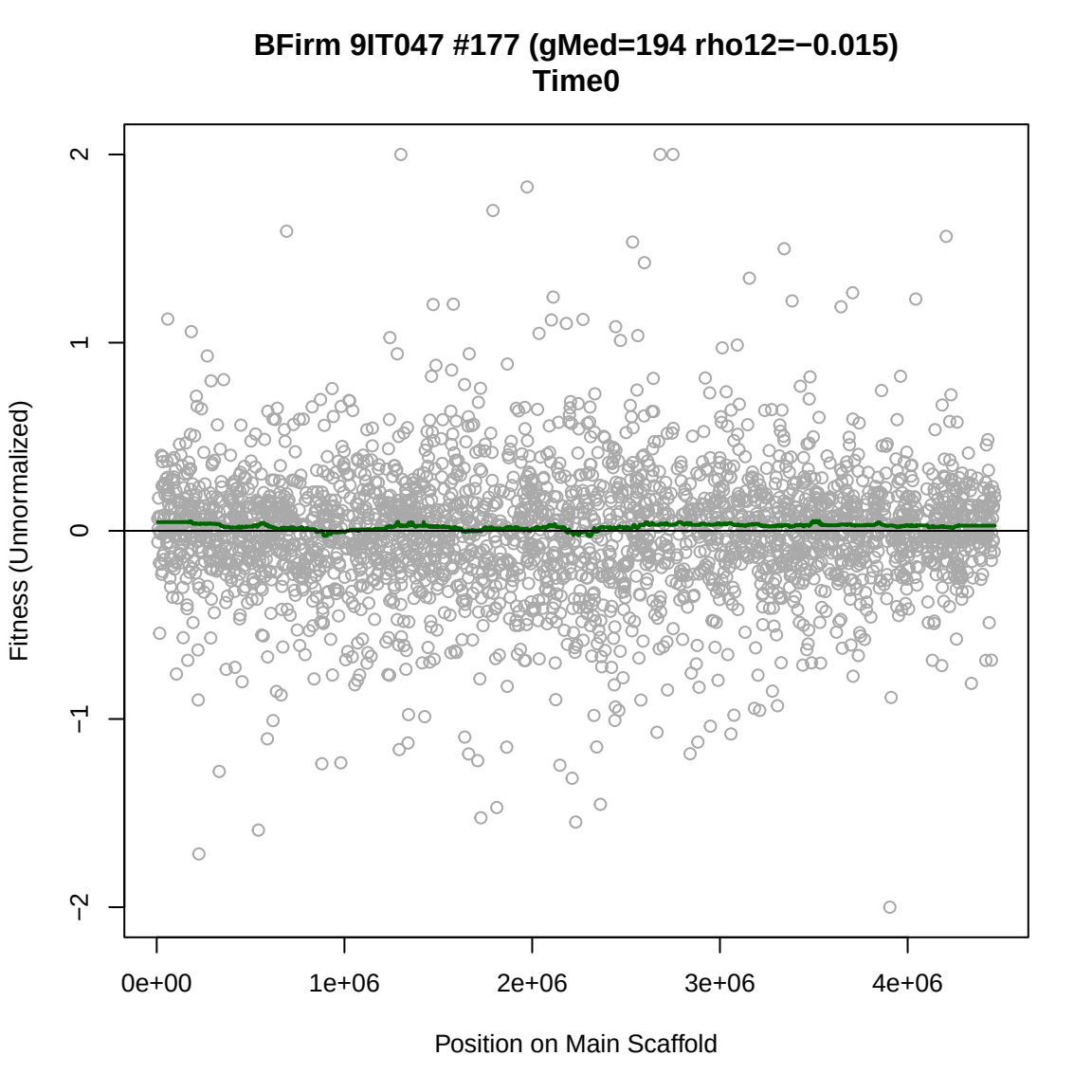

BFirm 9IT018 #172 (gMed=83 rho12=0.175)
one; Sample=roots; GrowthSubstrate=agar_0.75vol%; Collection=direct (sam
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

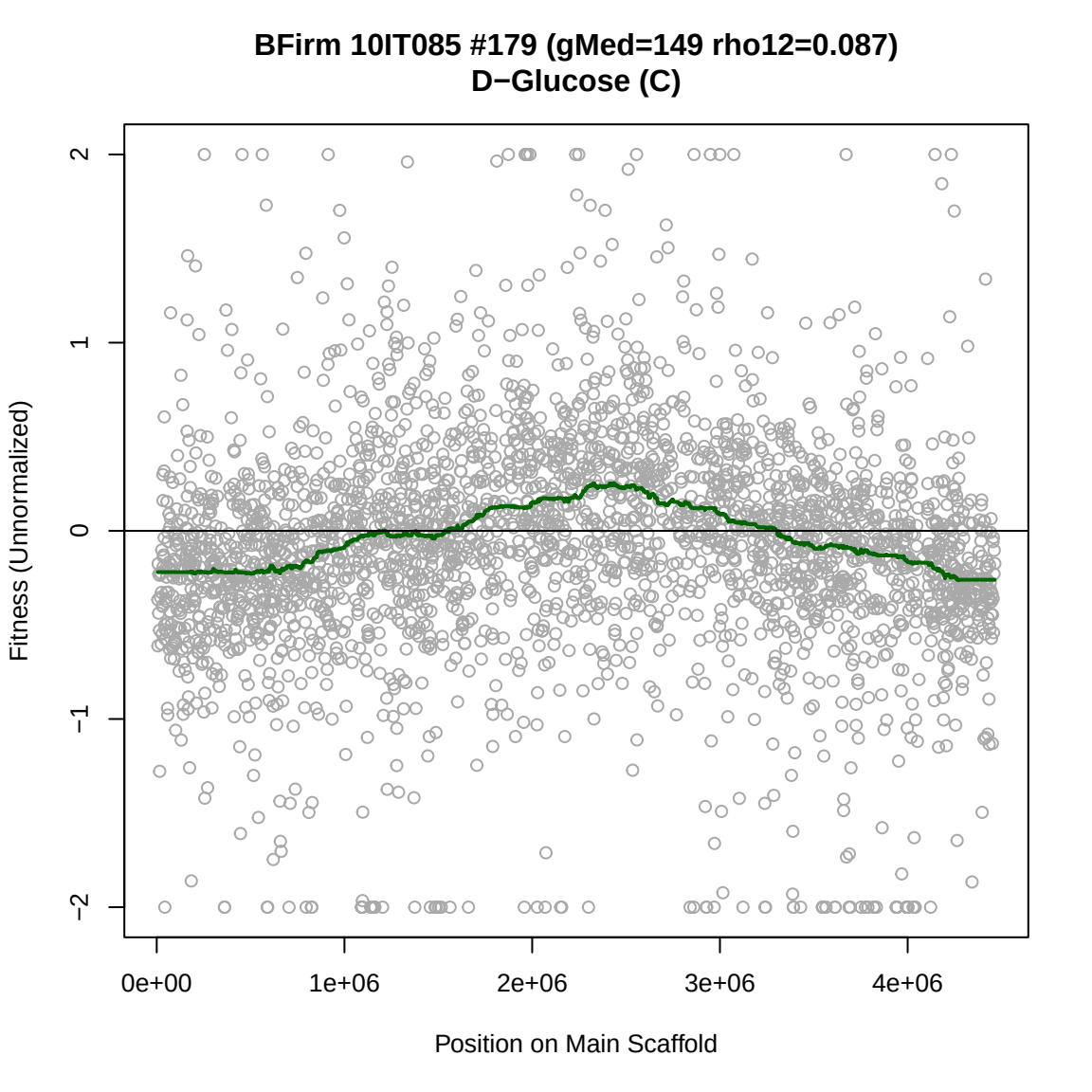

BFirm 9IT031 #173 (gMed=14 rho12=0.274)
ple=entire_plant; GrowthSubstrate=agar_0.75vol%; Collection=outgrowth_in
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

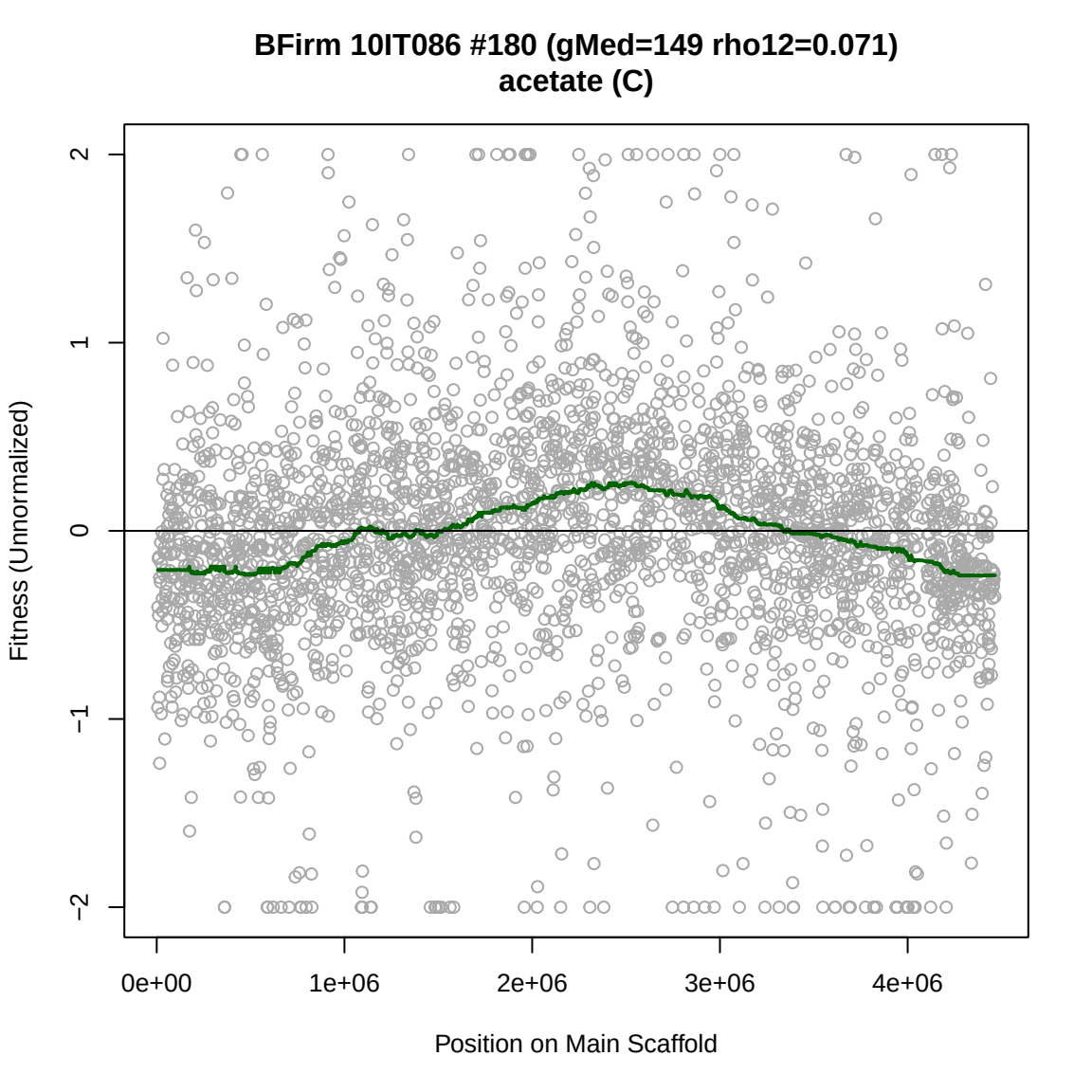

BFirm 9IT035 #174 (gMed=19 rho12=0.090)
ple=entire_plant; GrowthSubstrate=agar_0.75vol%; Collection=outgrowth_in
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

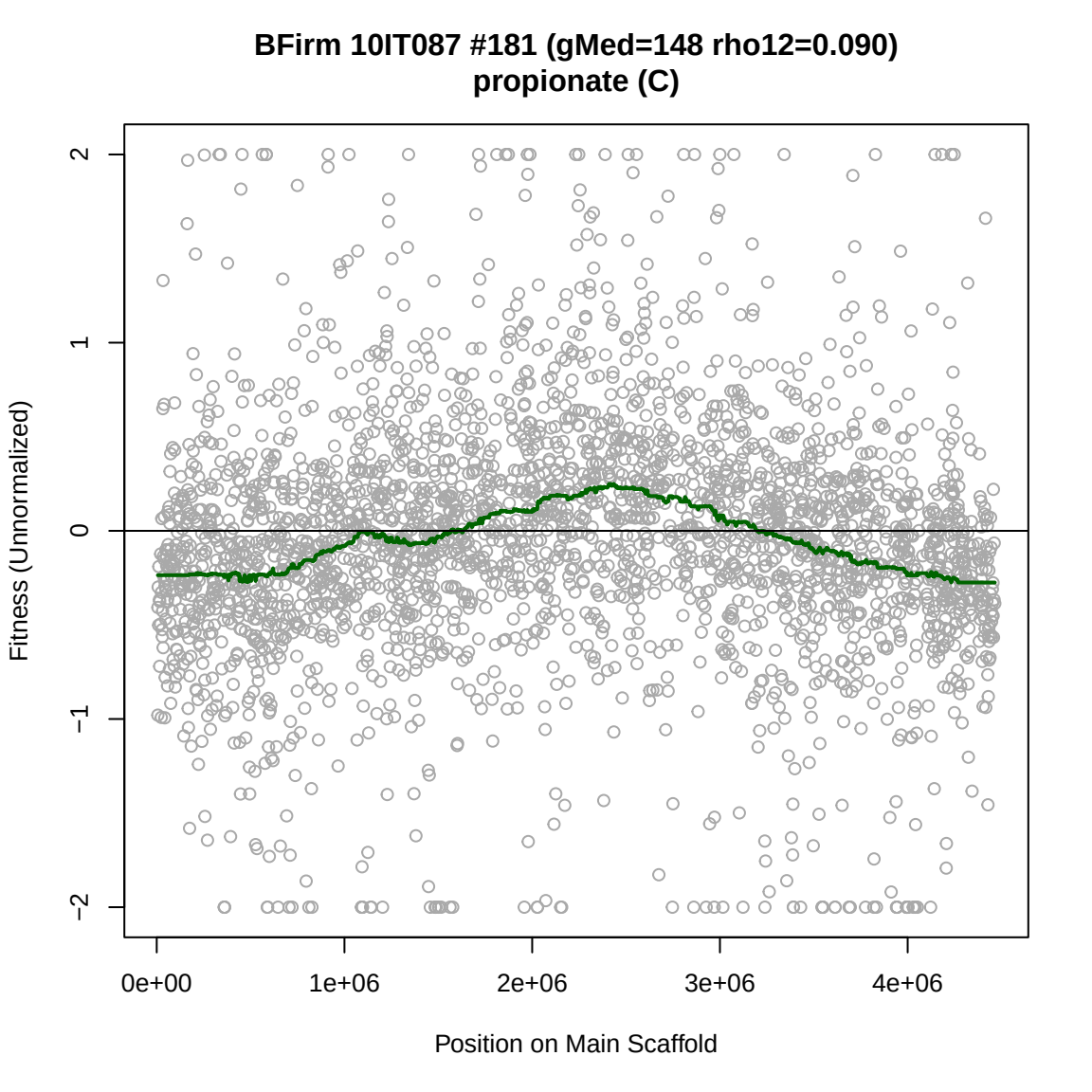

BFirm 9IT037 #175 (gMed=0 rho12=0.049)
ple=entire_plant; GrowthSubstrate=agar_0.75vol%; Collection=outgrowth_in
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

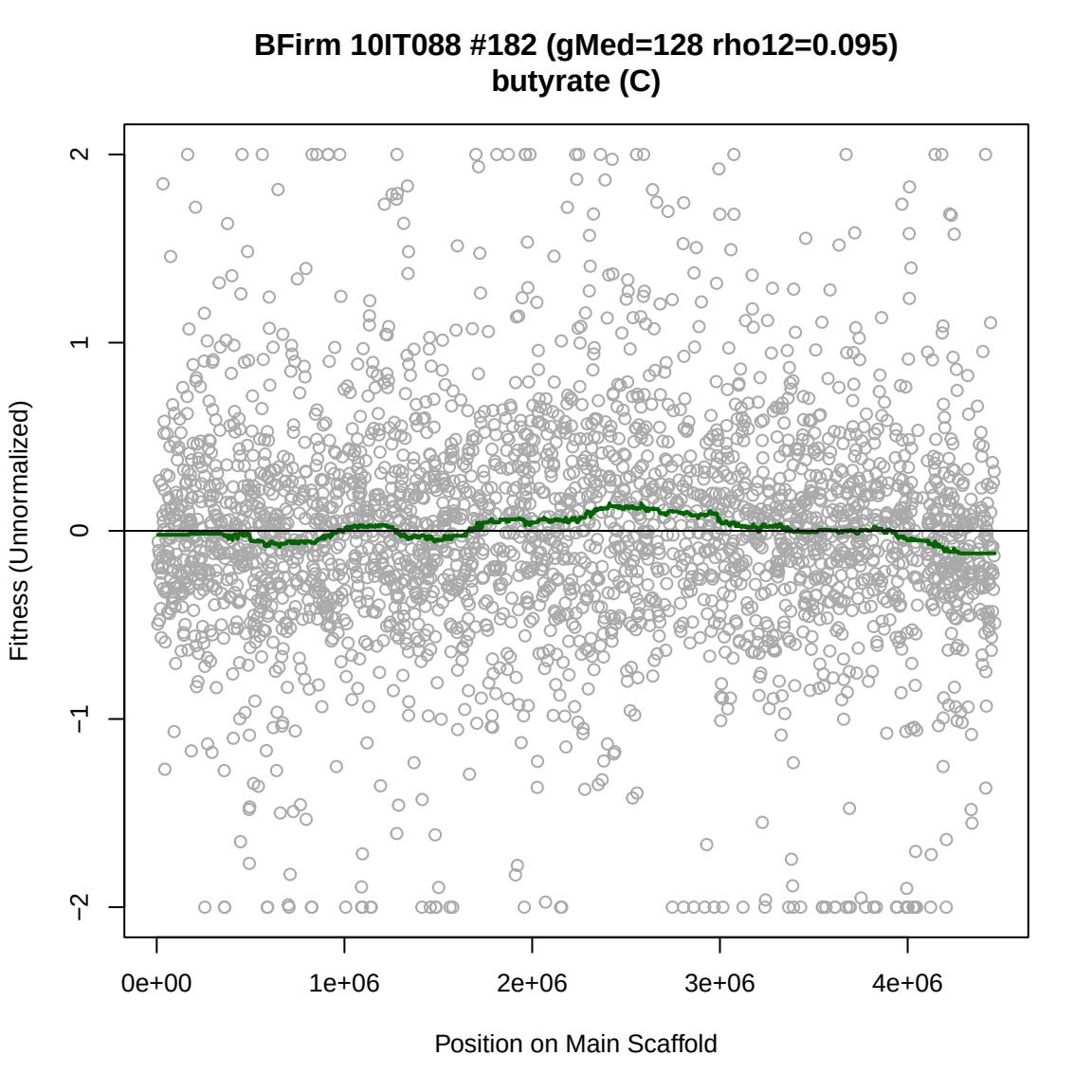

BFirm 9IT046 #176 (gMed=199 rho12=−0.015)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

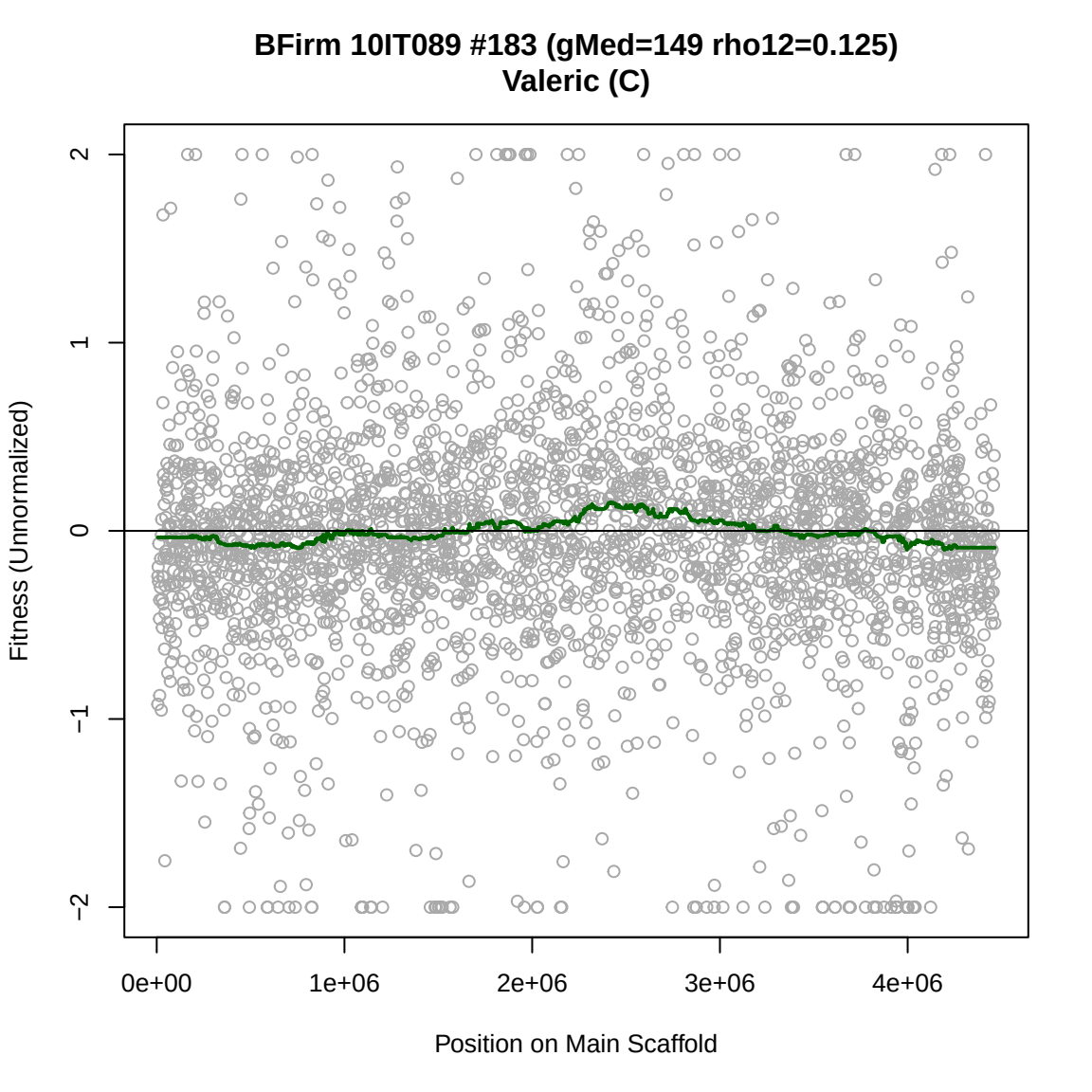

BFirm 9IT047 #177 (gMed=194 rho12=−0.015)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

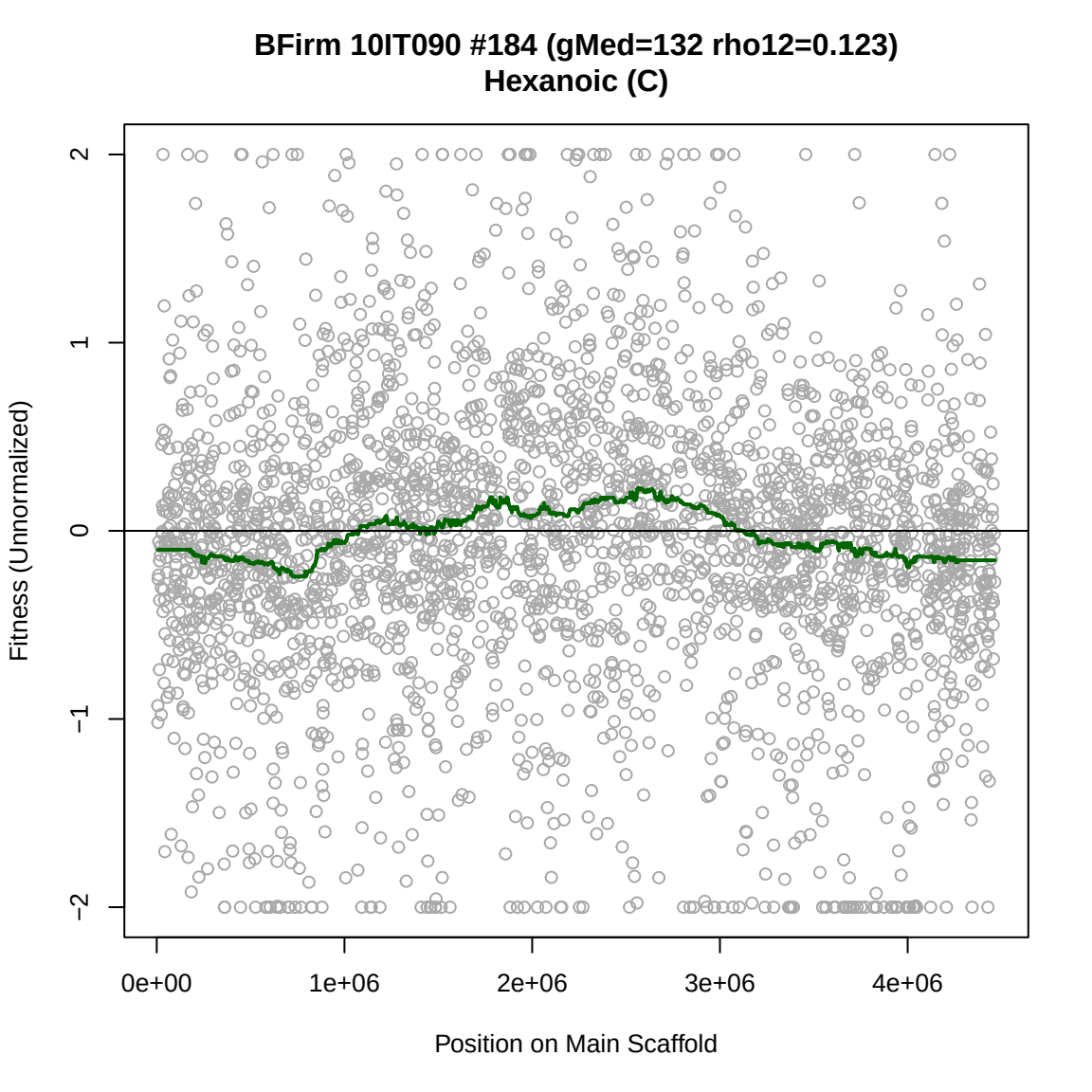

BFirm 10IT085 #179 (gMed=149 rho12=0.087)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

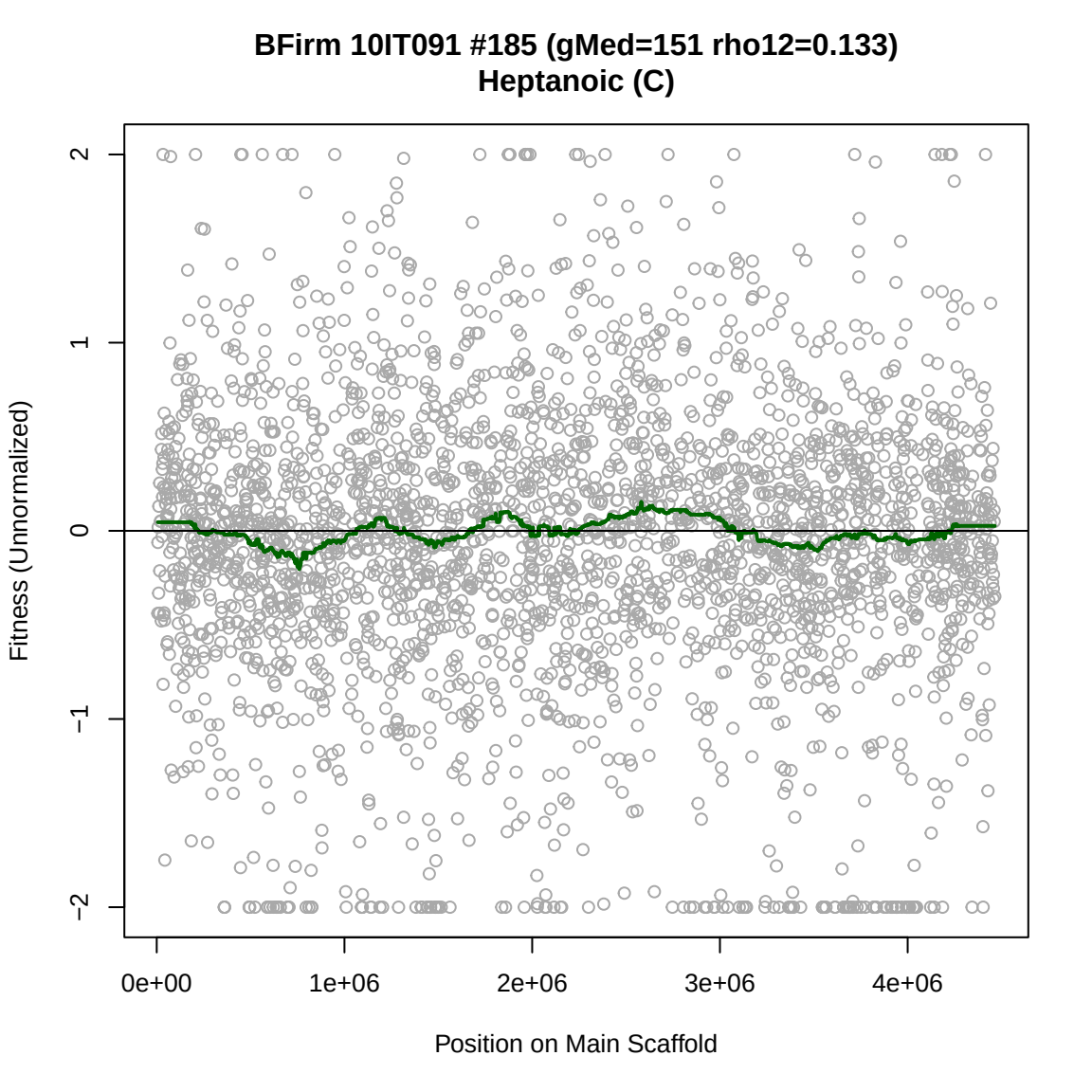

BFirm 10IT086 #180 (gMed=149 rho12=0.071)
acetate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

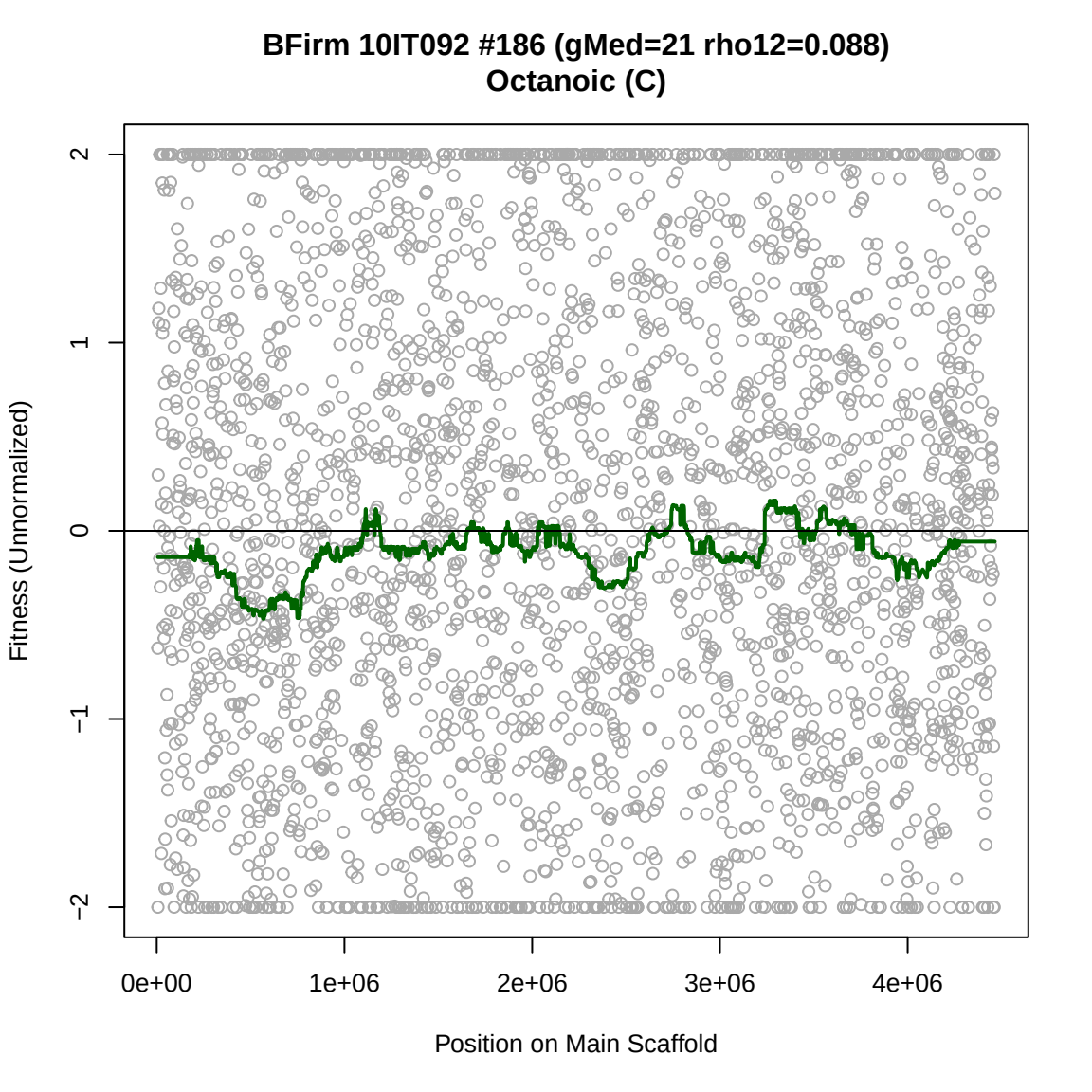

BFirm 10IT087 #181 (gMed=148 rho12=0.090)
propionate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

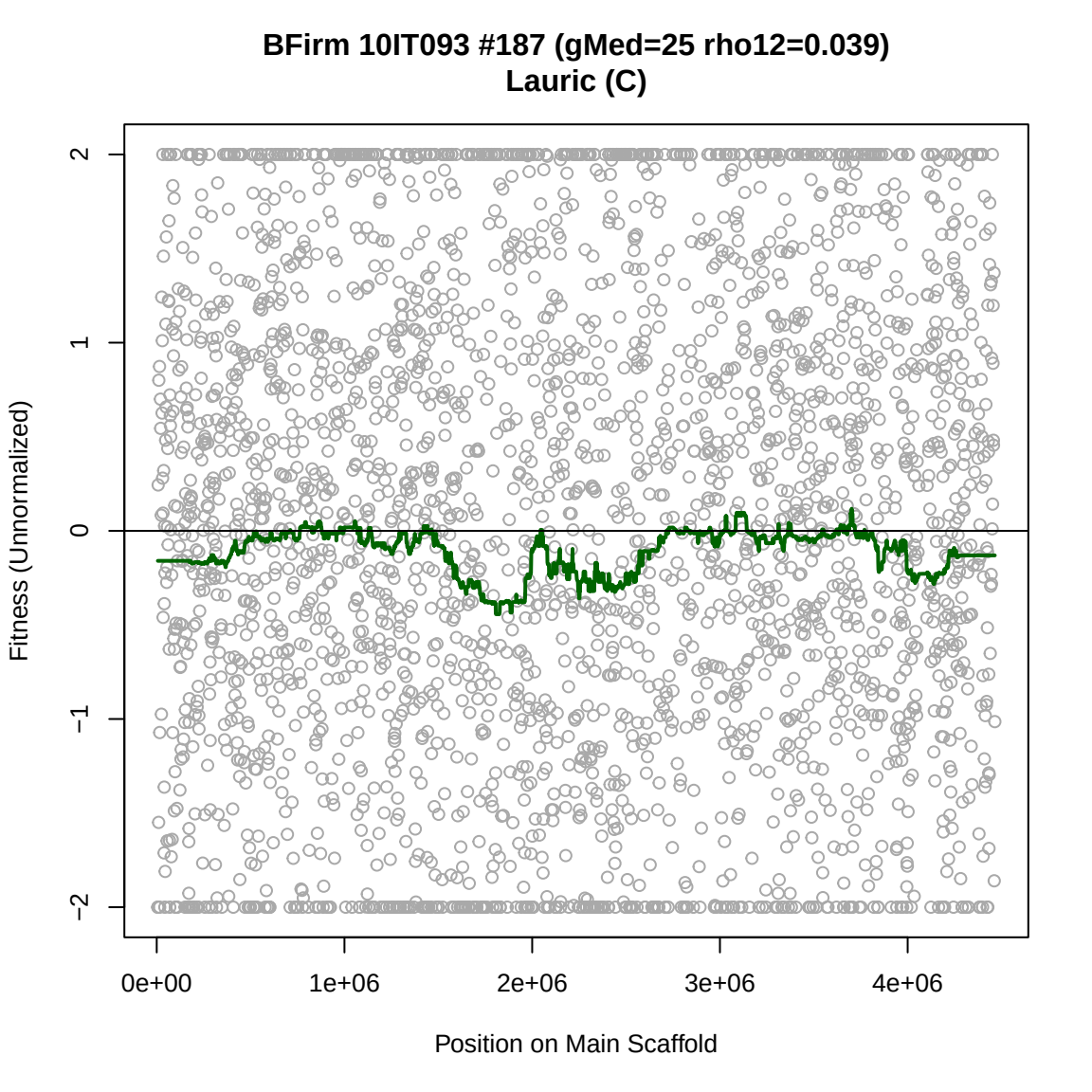

BFirm 10IT088 #182 (gMed=128 rho12=0.095)
butyrate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

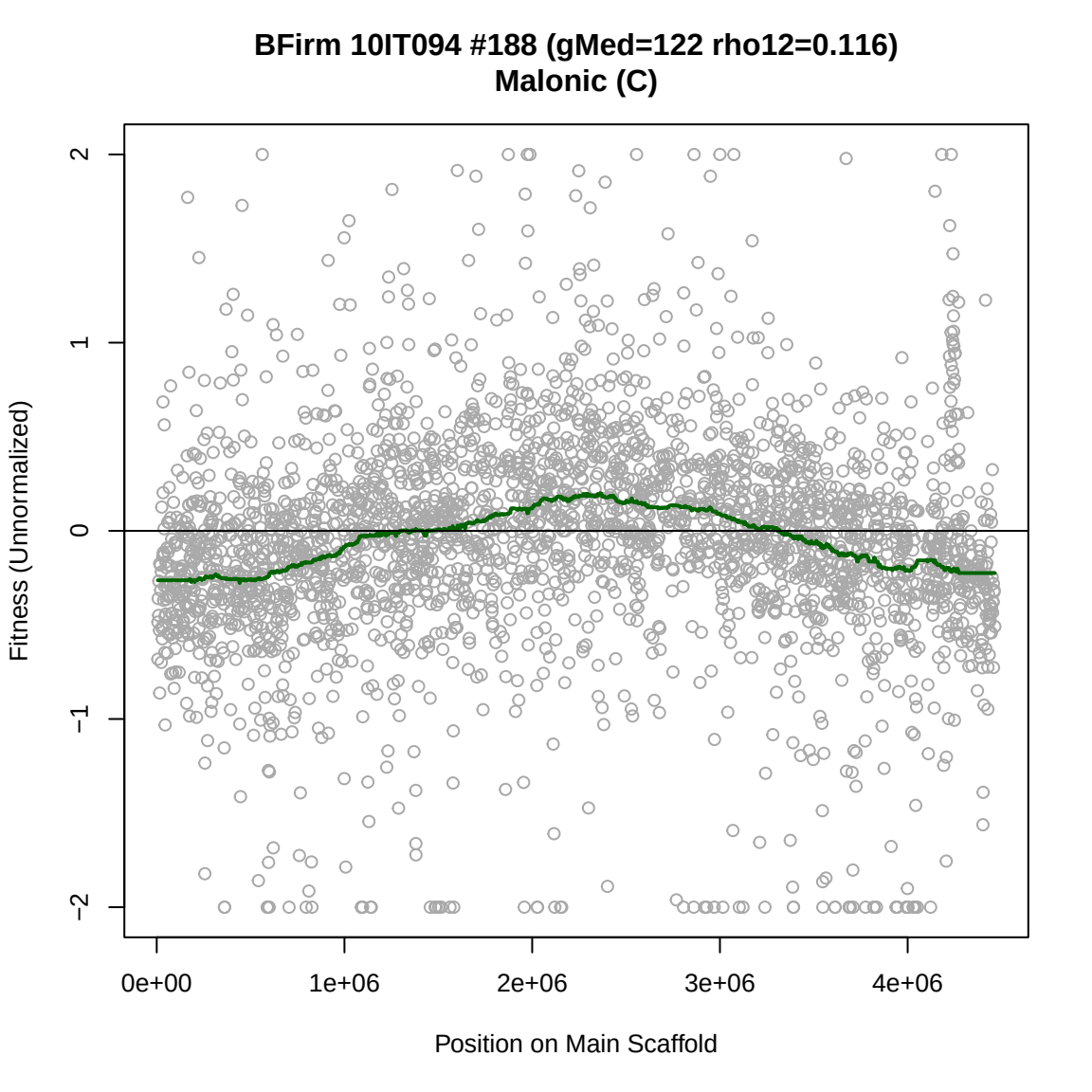

BFirm 10IT089 #183 (gMed=149 rho12=0.125)
Valeric (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

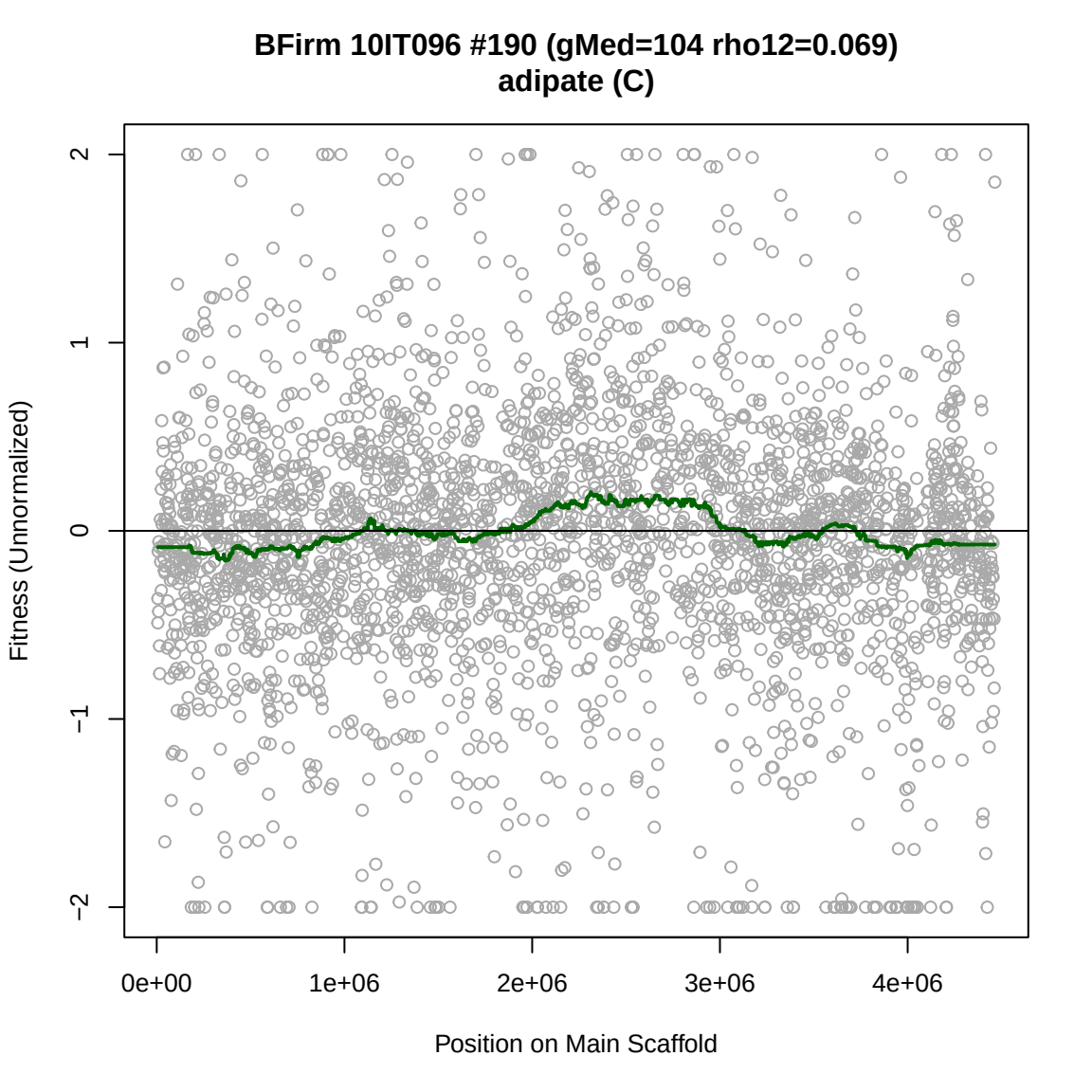

BFirm 10IT090 #184 (gMed=132 rho12=0.123)
Hexanoic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

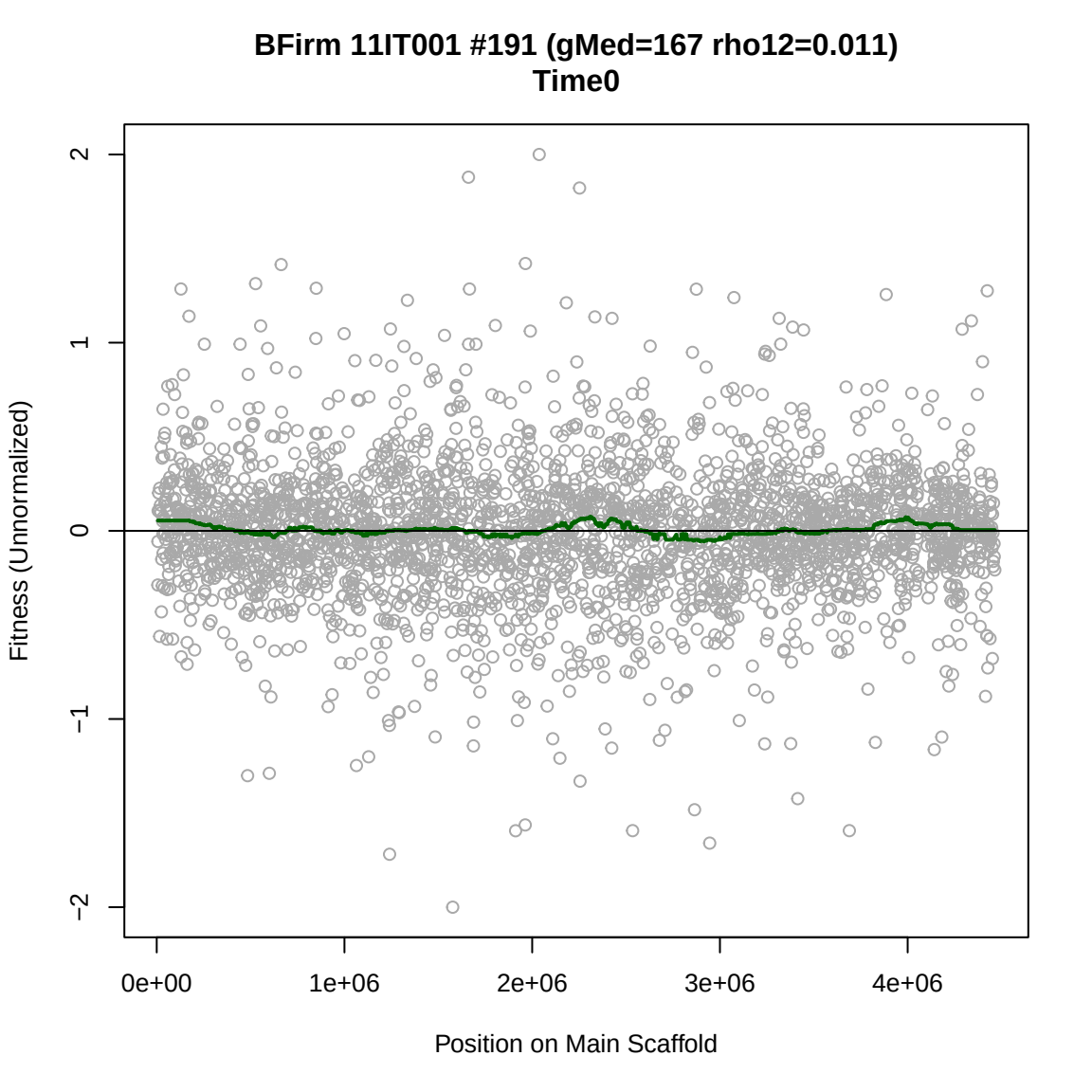

BFirm 10IT091 #185 (gMed=151 rho12=0.133)
Heptanoic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

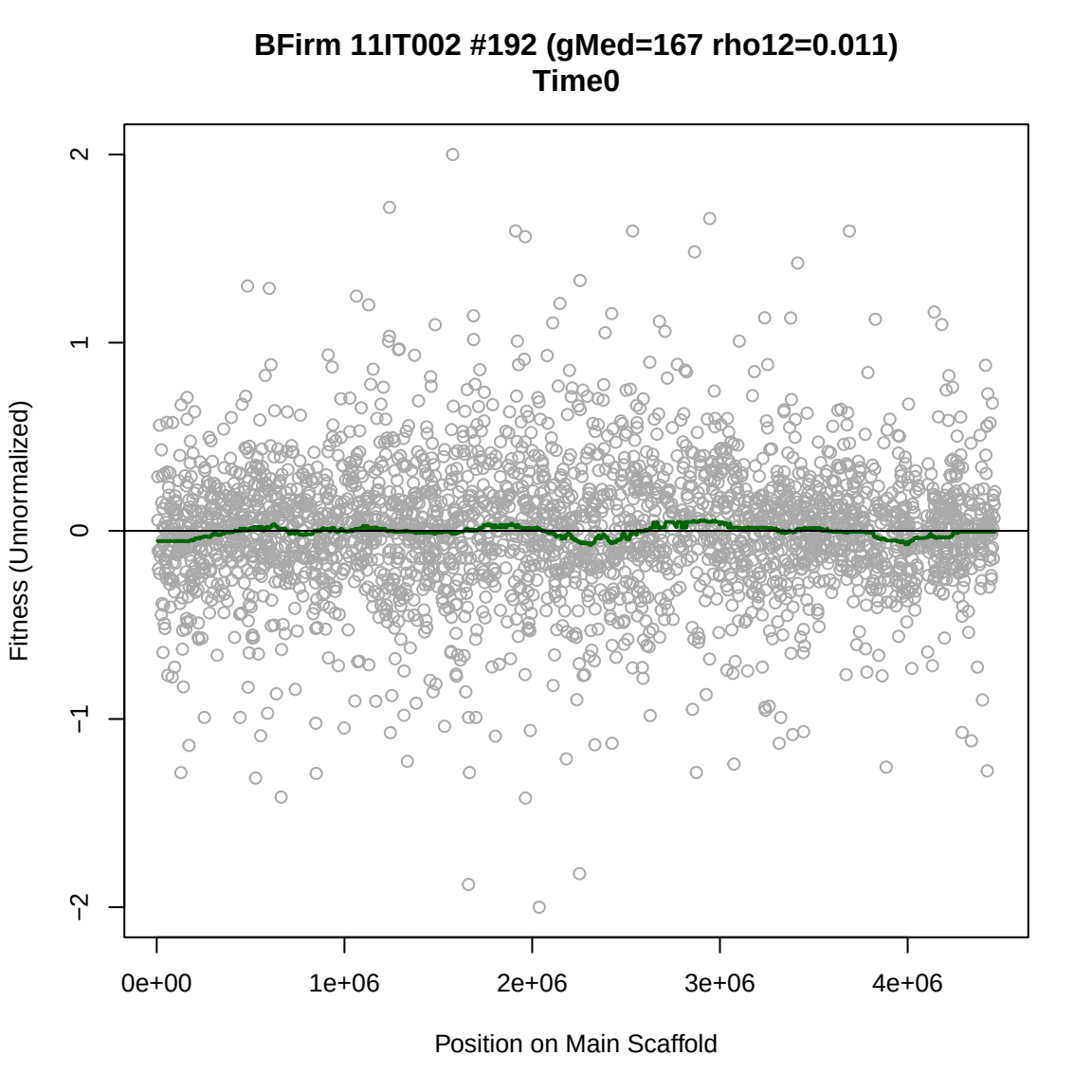

BFirm 10IT092 #186 (gMed=21 rho12=0.088)
Octanoic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

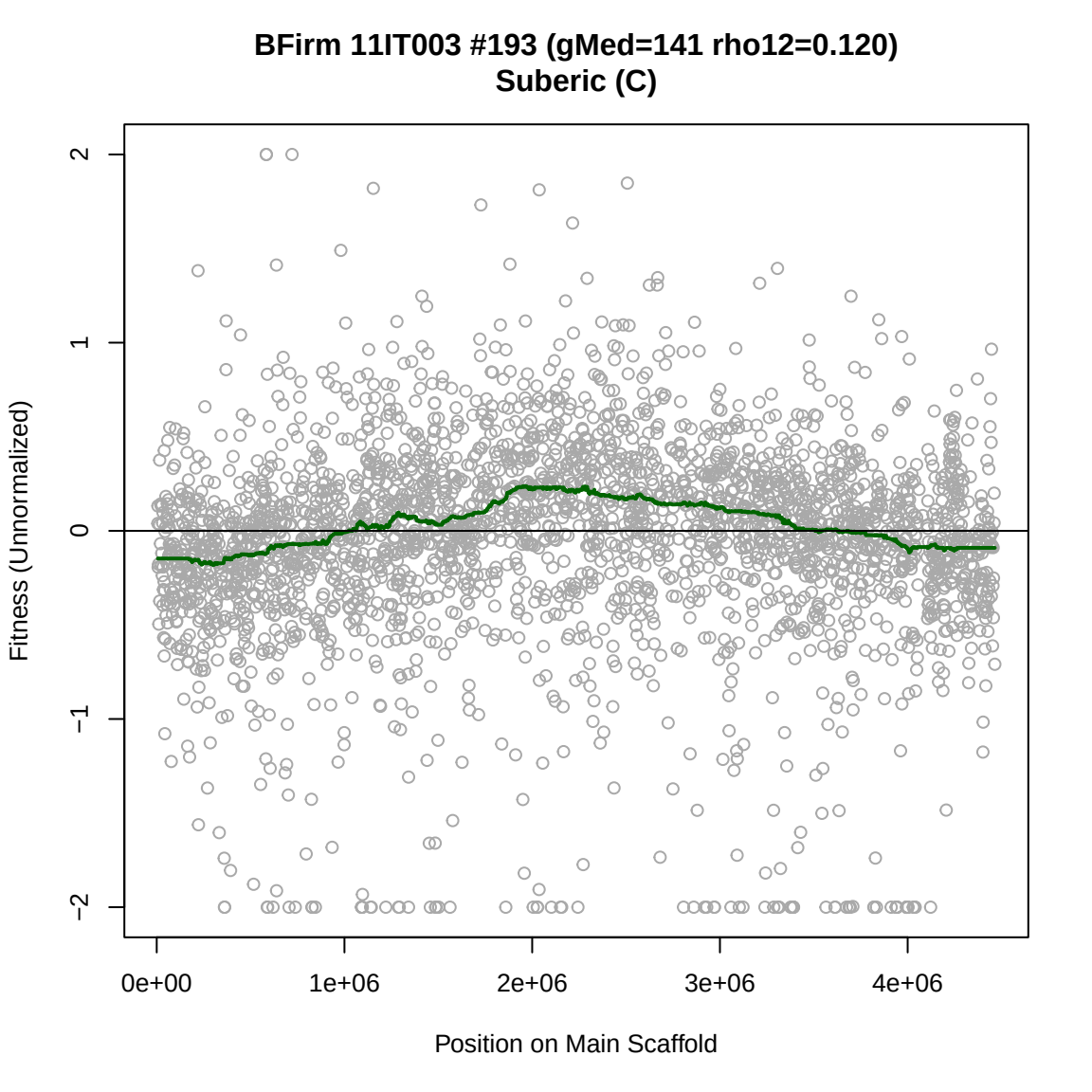

BFirm 10IT093 #187 (gMed=25 rho12=0.039)
Lauric (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

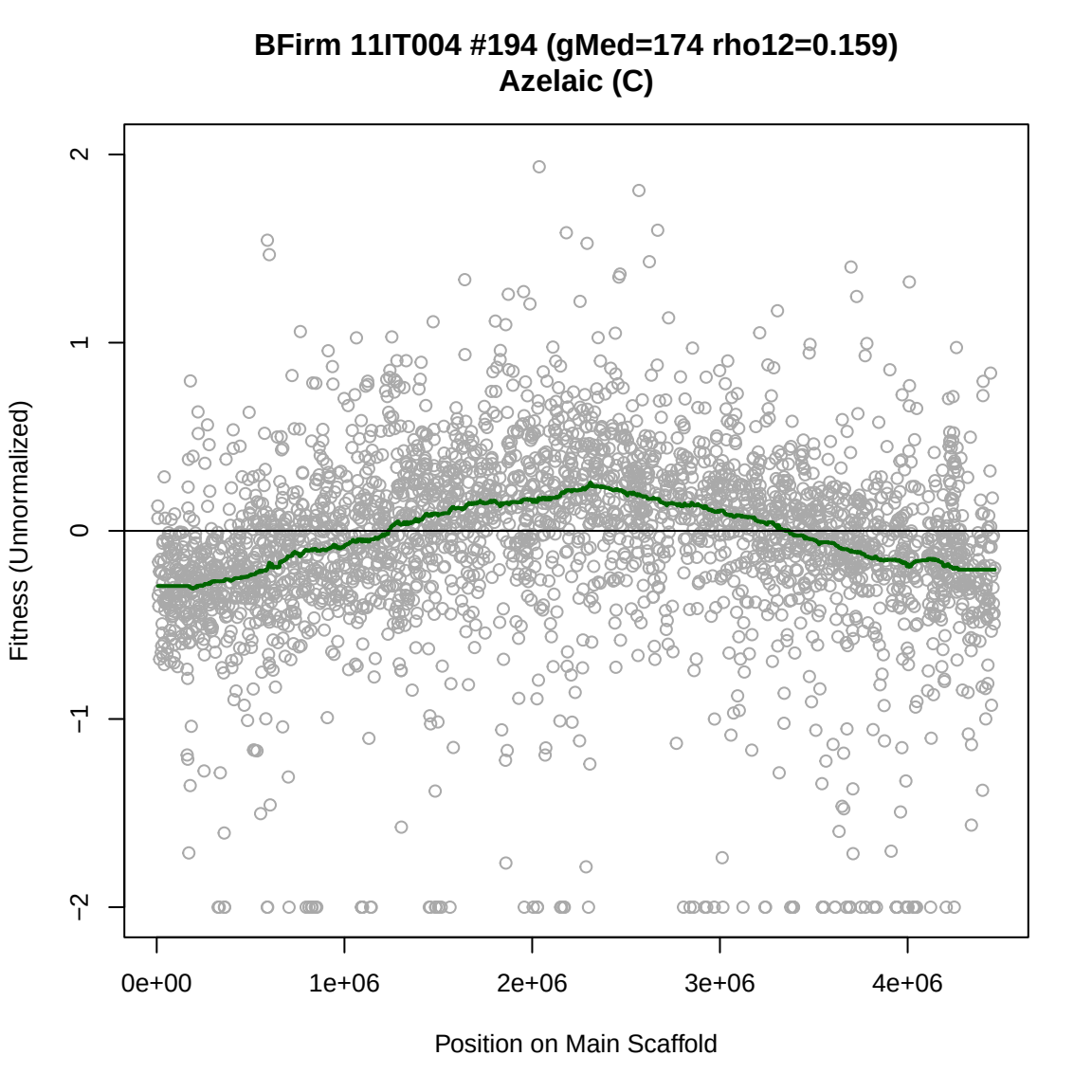

BFirm 10IT094 #188 (gMed=122 rho12=0.116)
Malonic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

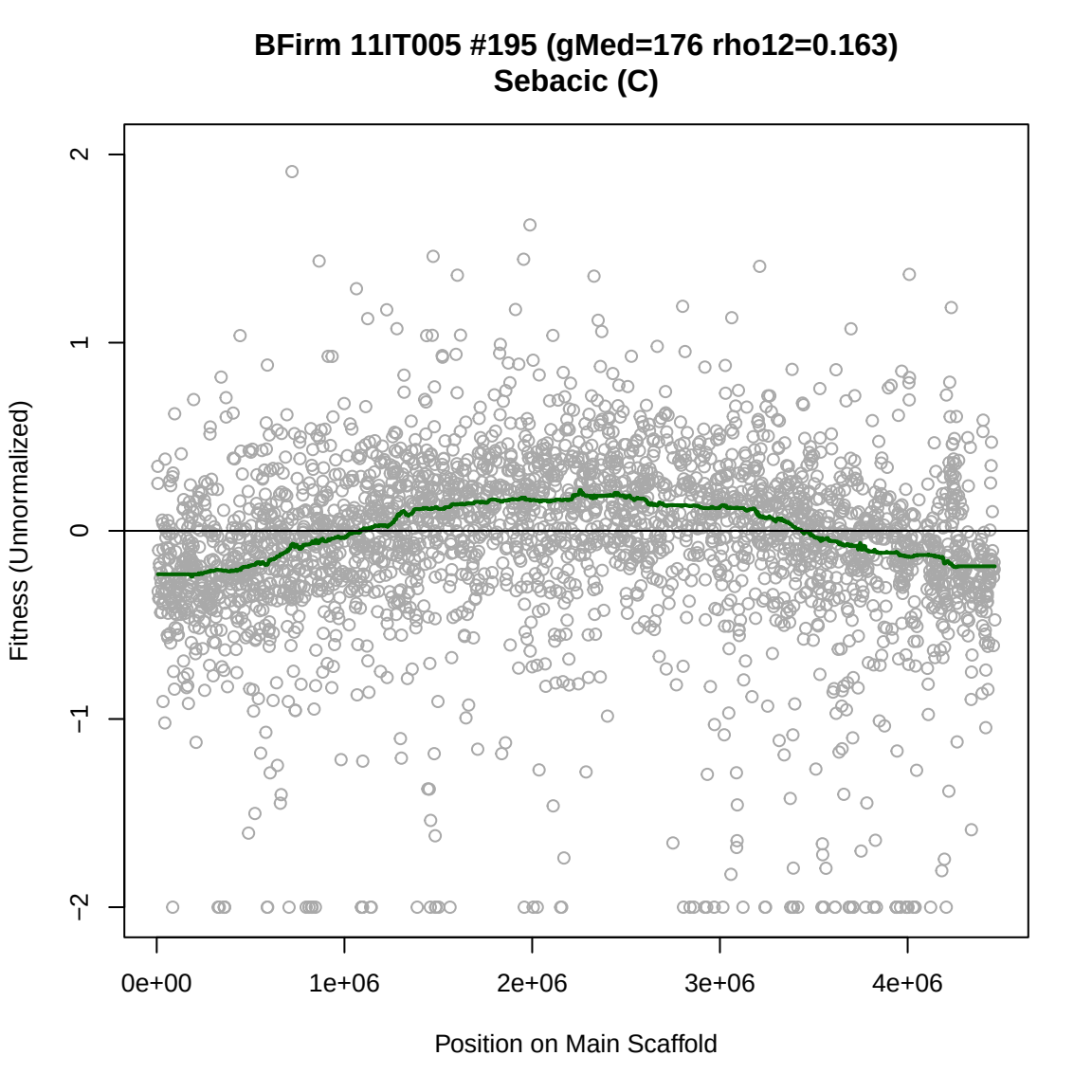

BFirm 10IT096 #190 (gMed=104 rho12=0.069)
adipate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

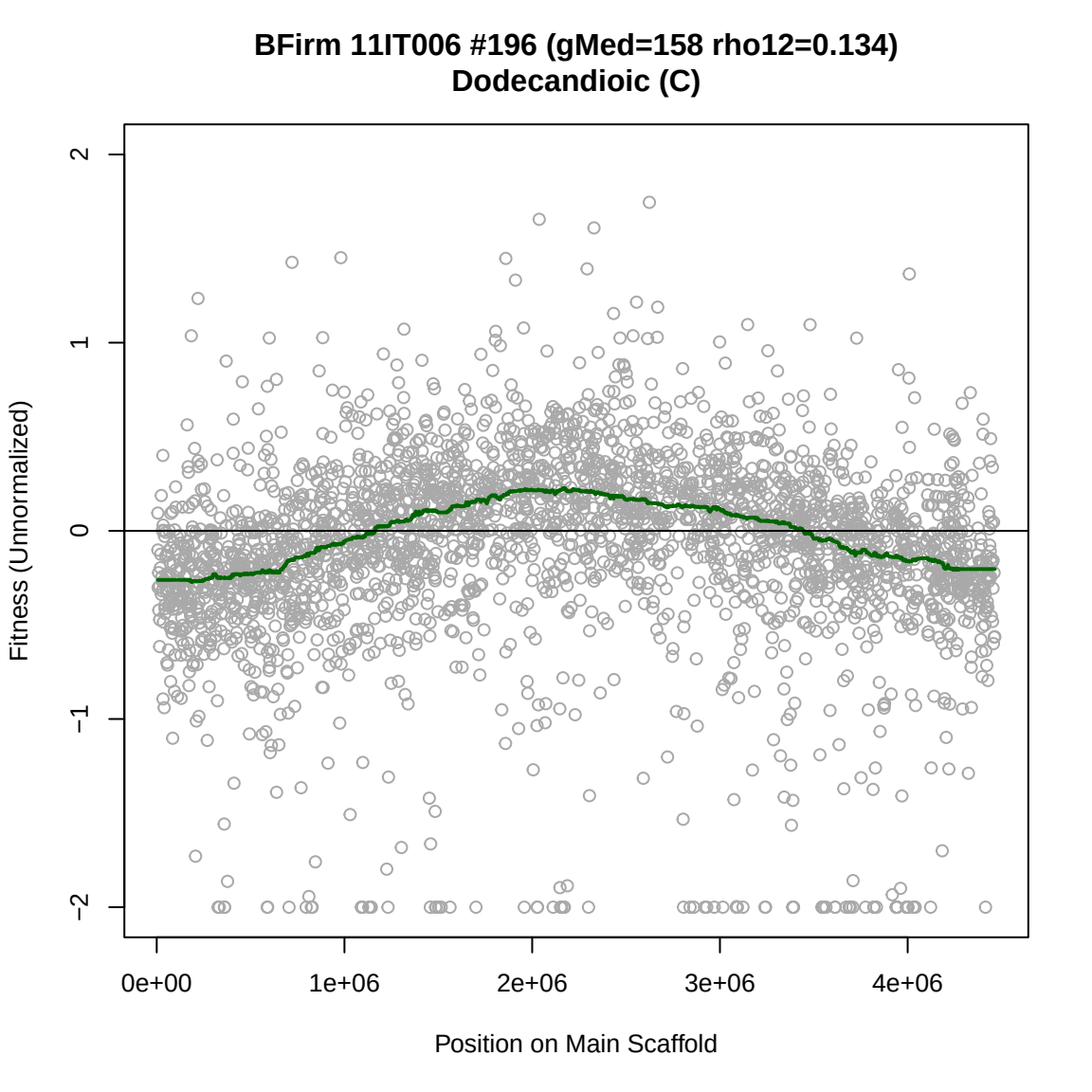

BFirm 11IT001 #191 (gMed=167 rho12=0.011)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

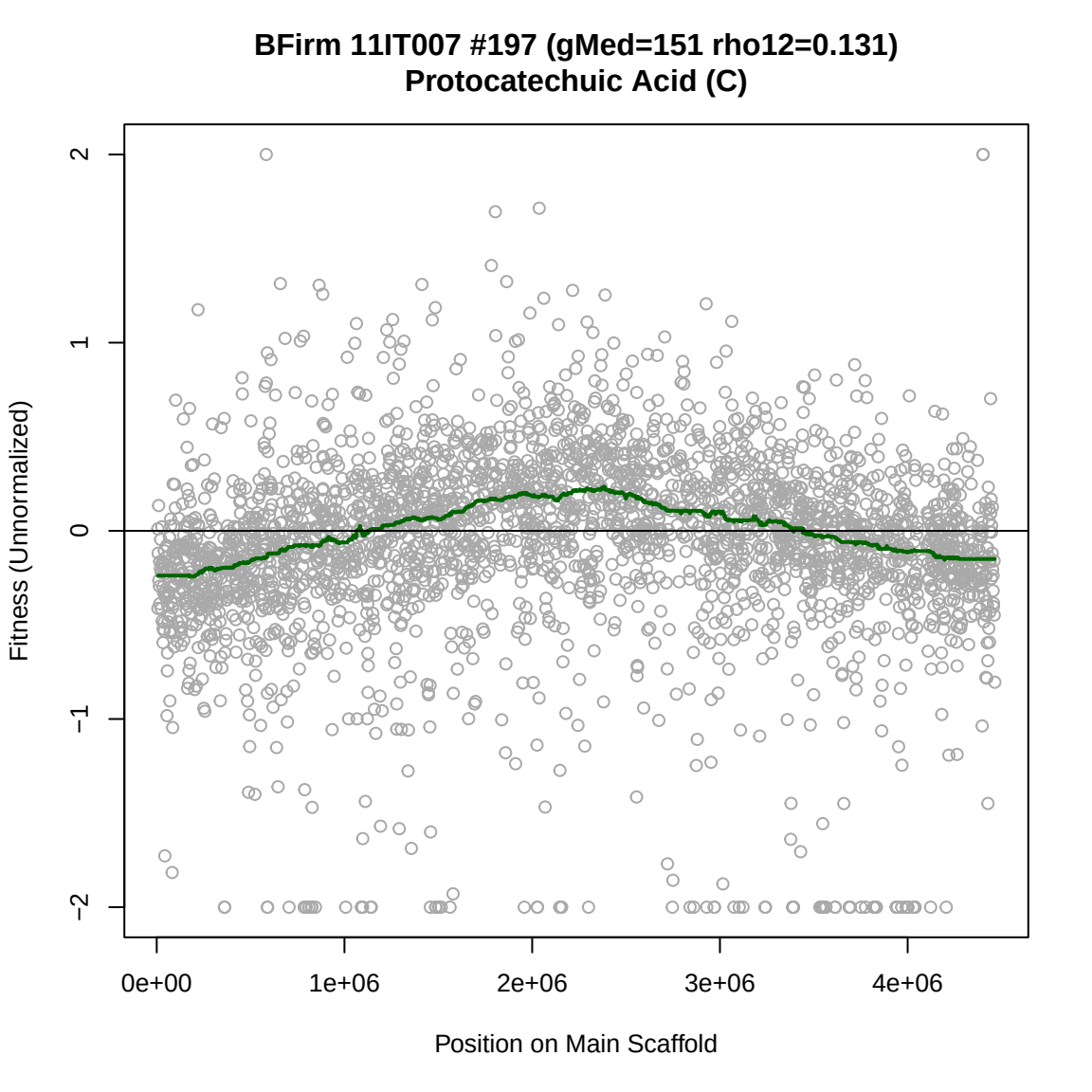

BFirm 11IT002 #192 (gMed=167 rho12=0.011)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

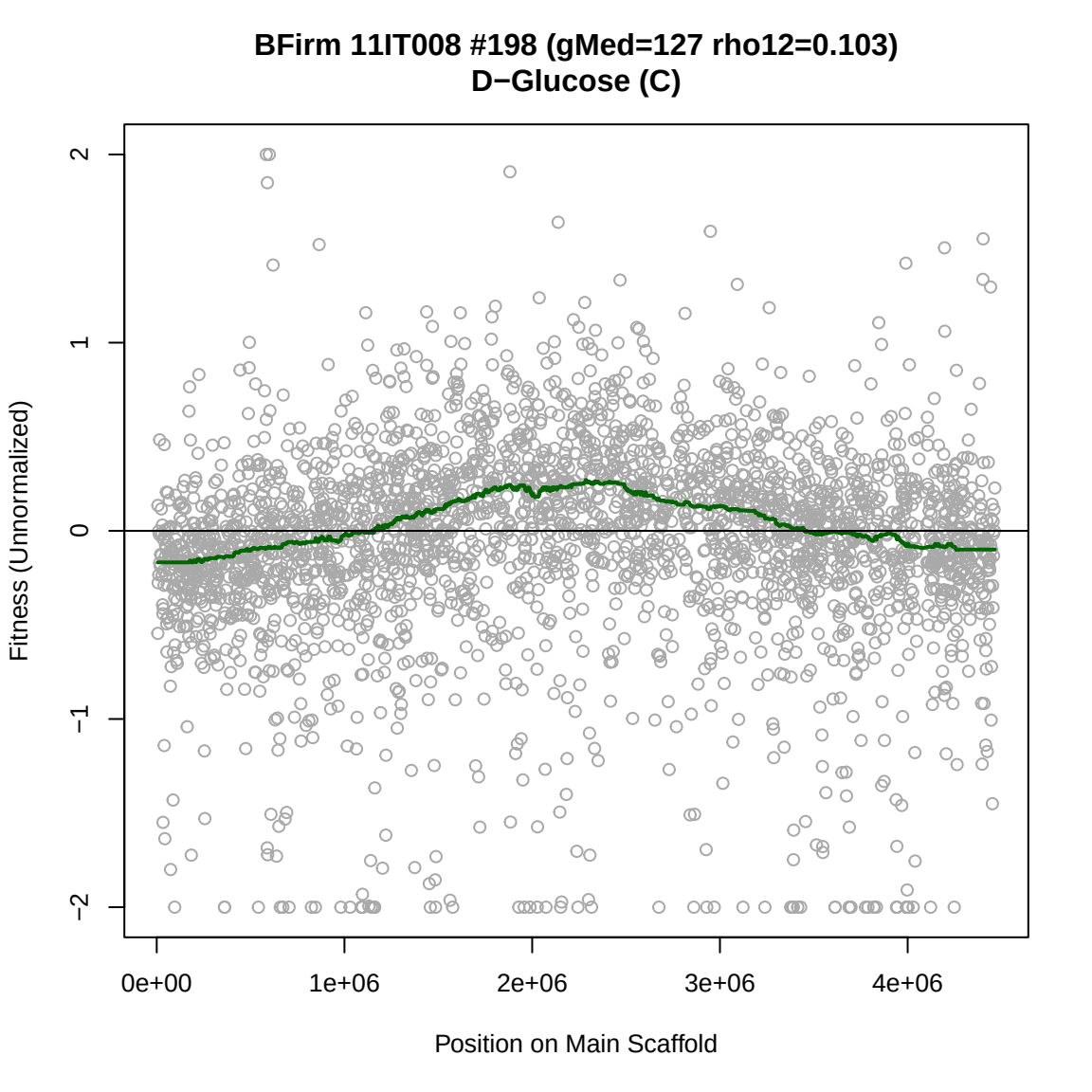

BFirm 11IT003 #193 (gMed=141 rho12=0.120)
Suberic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

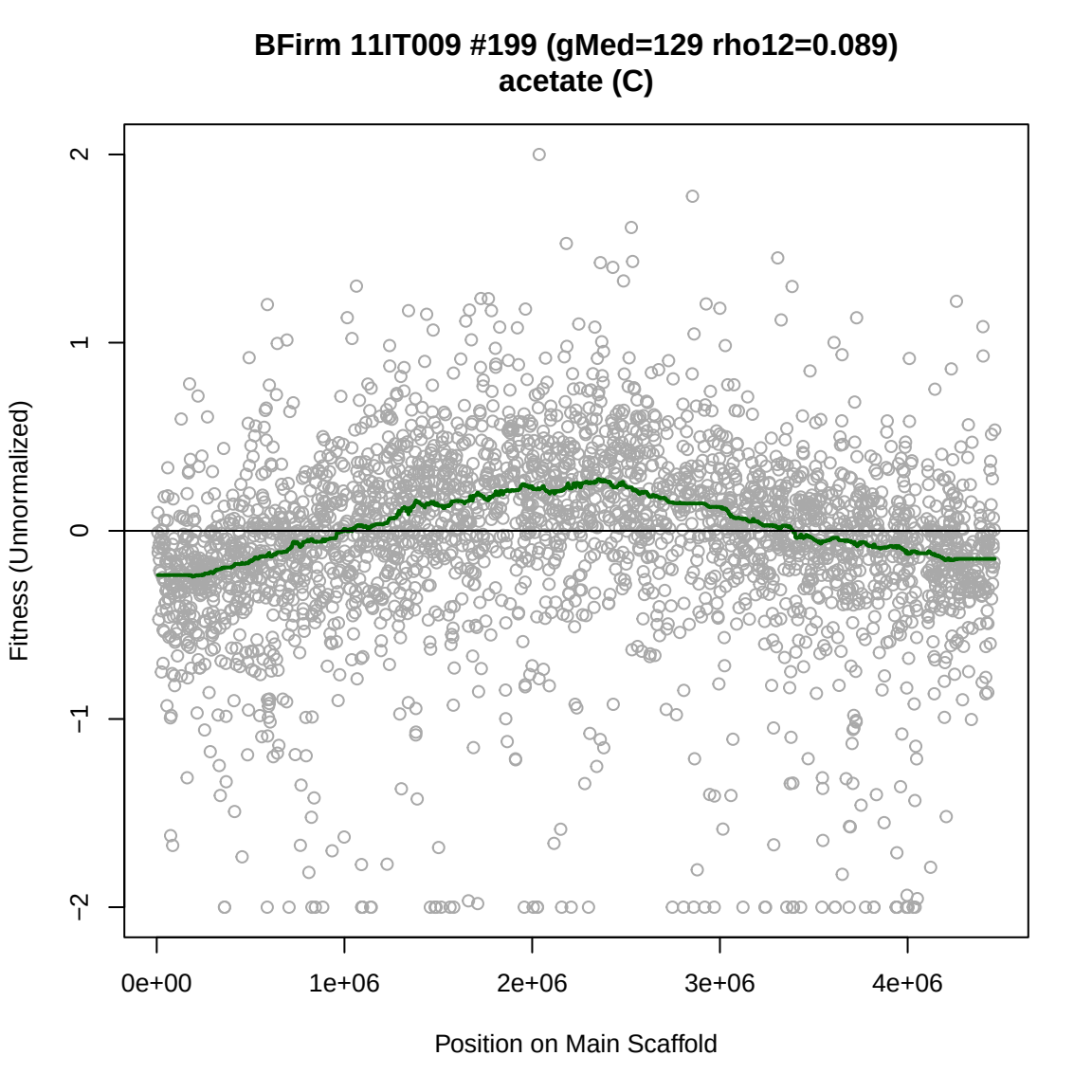

BFirm 11IT004 #194 (gMed=174 rho12=0.159)
Azelaic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

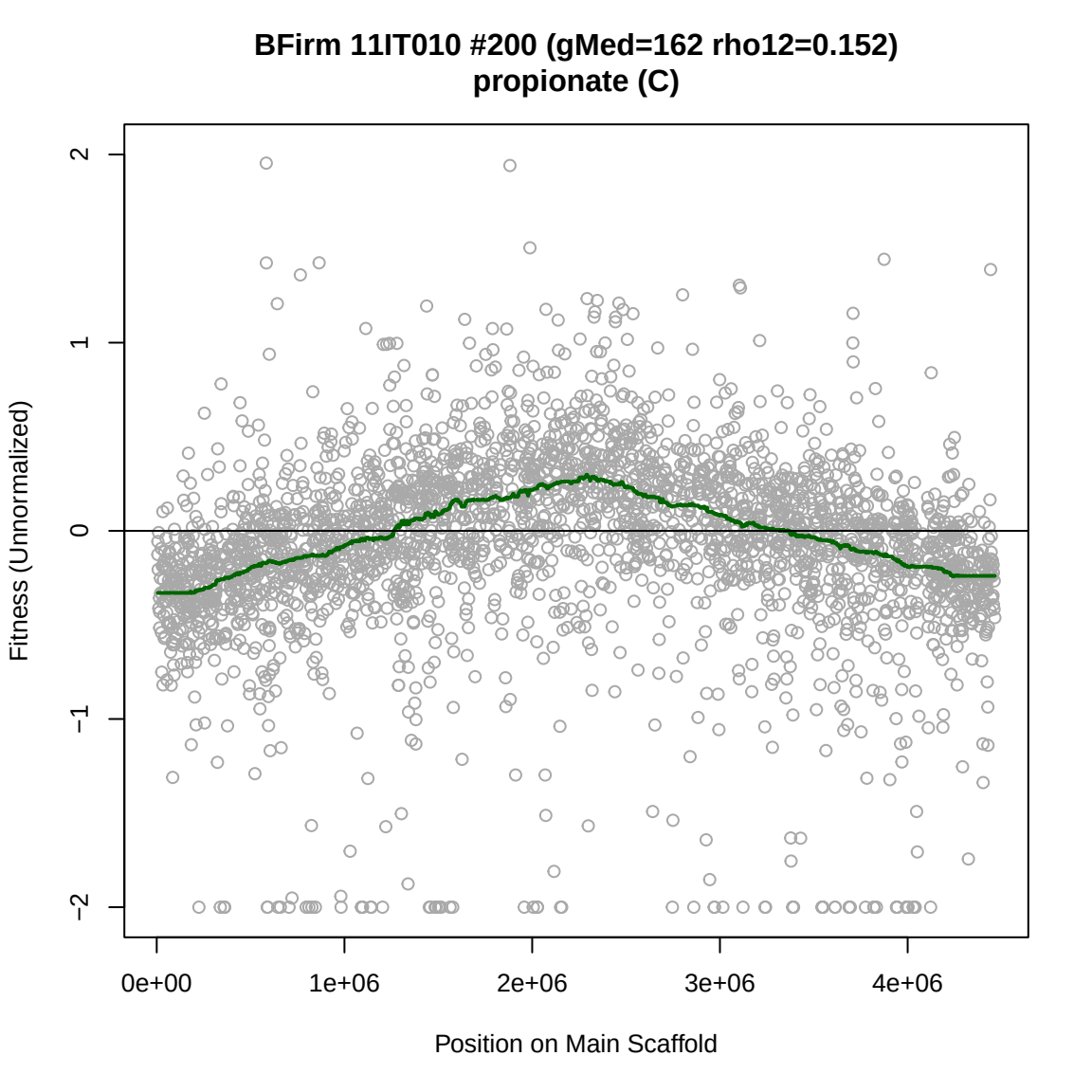

BFirm 11IT005 #195 (gMed=176 rho12=0.163)
Sebacic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

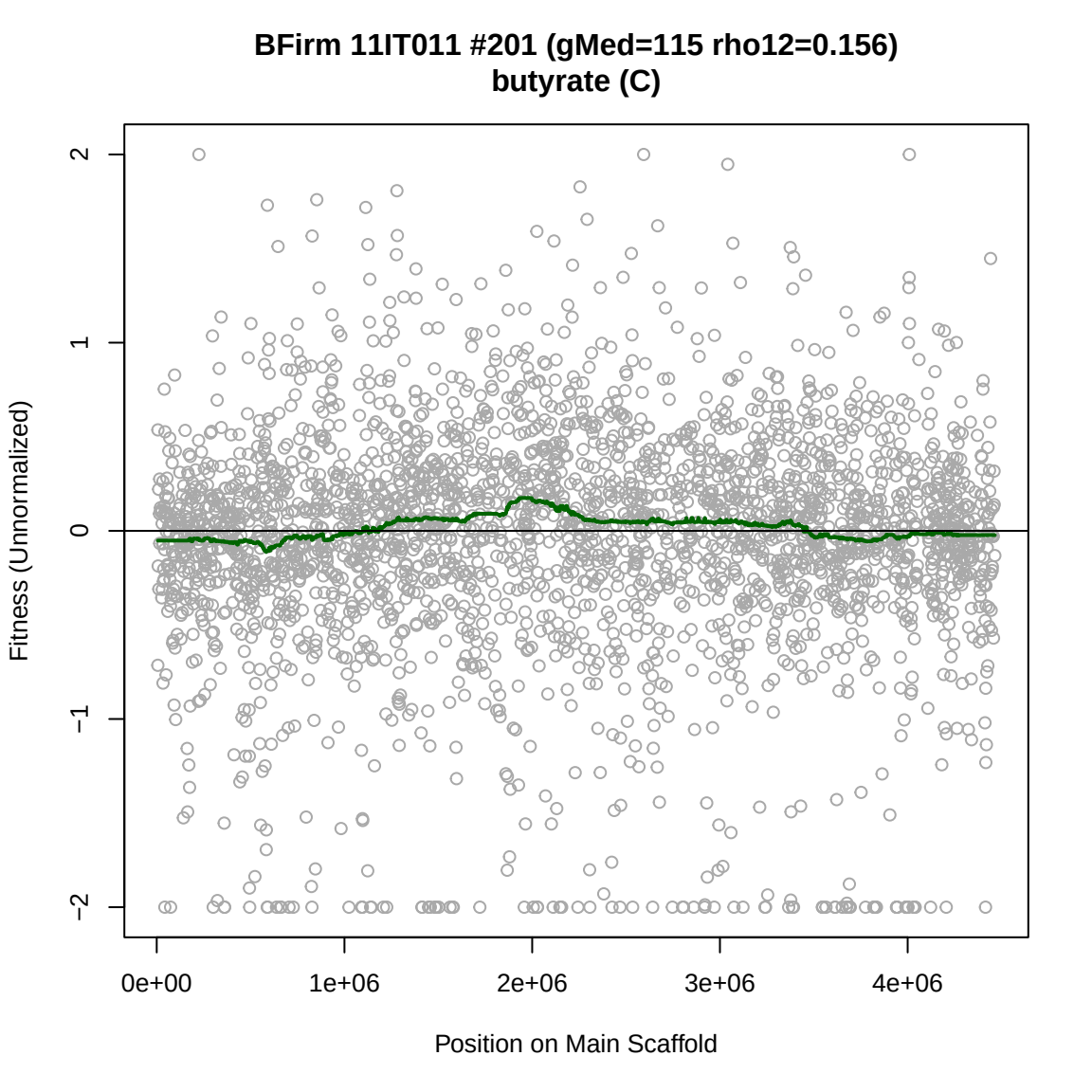

BFirm 11IT006 #196 (gMed=158 rho12=0.134)
Dodecandioic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

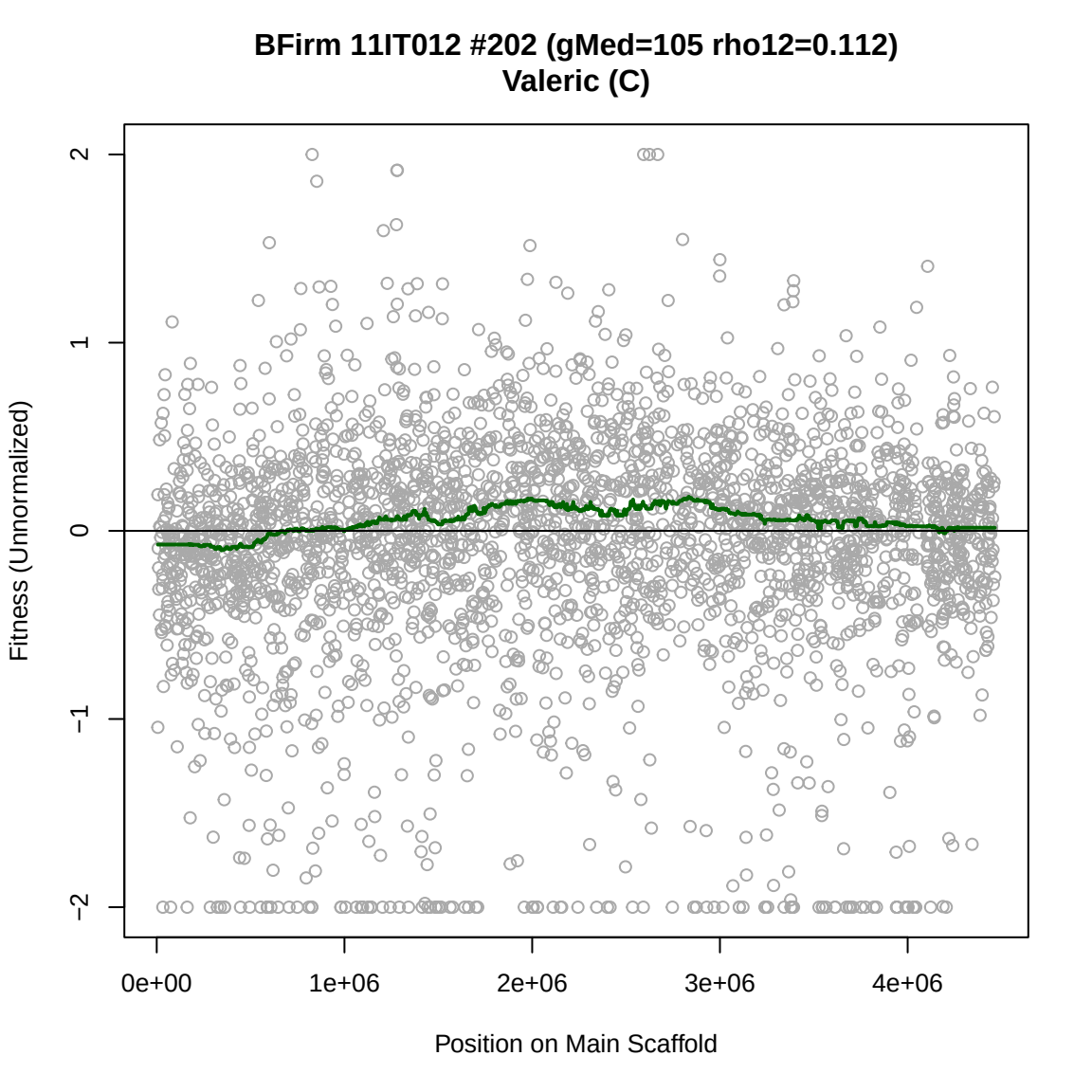

BFirm 11IT007 #197 (gMed=151 rho12=0.131)
Protocatechuic Acid (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

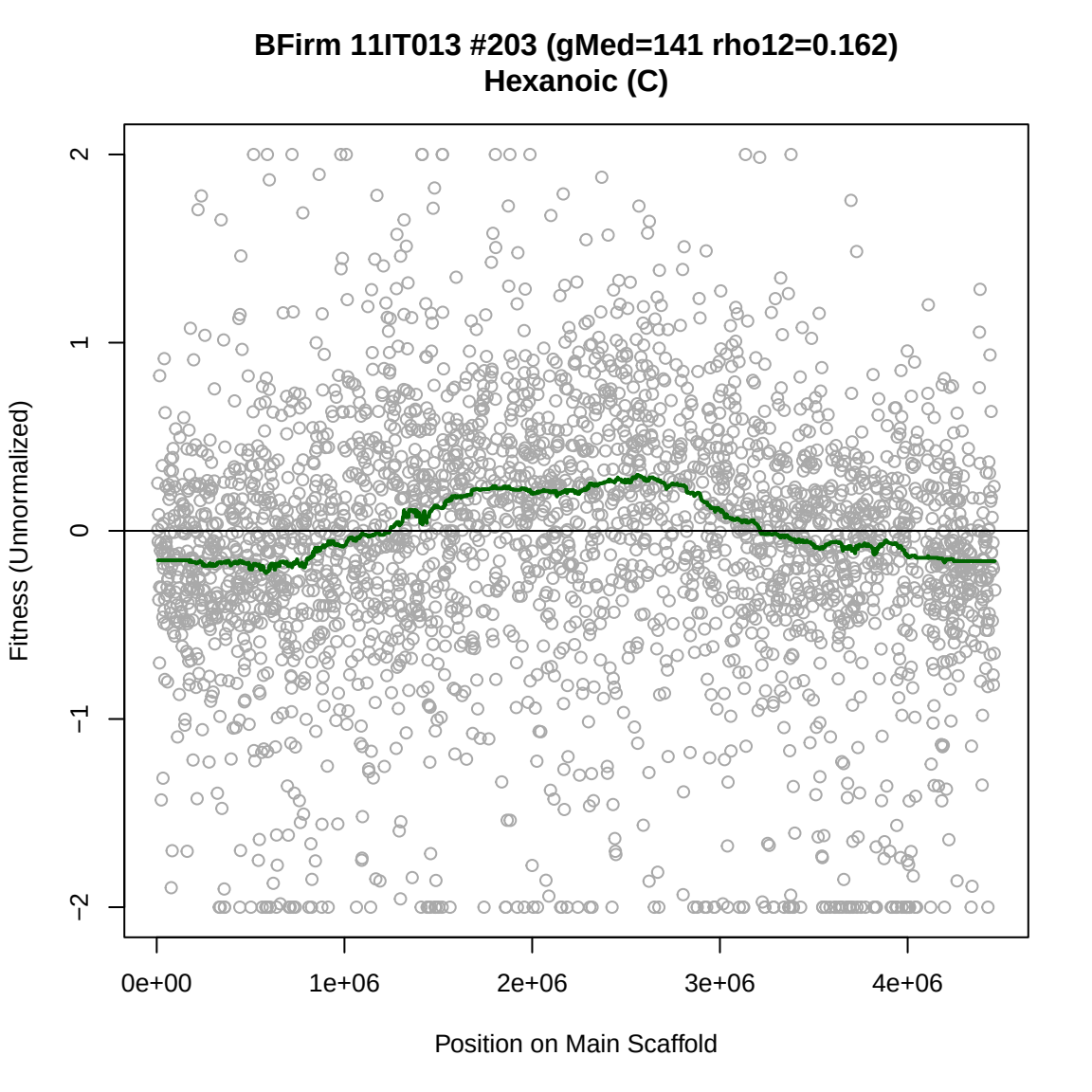

BFirm 11IT008 #198 (gMed=127 rho12=0.103)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

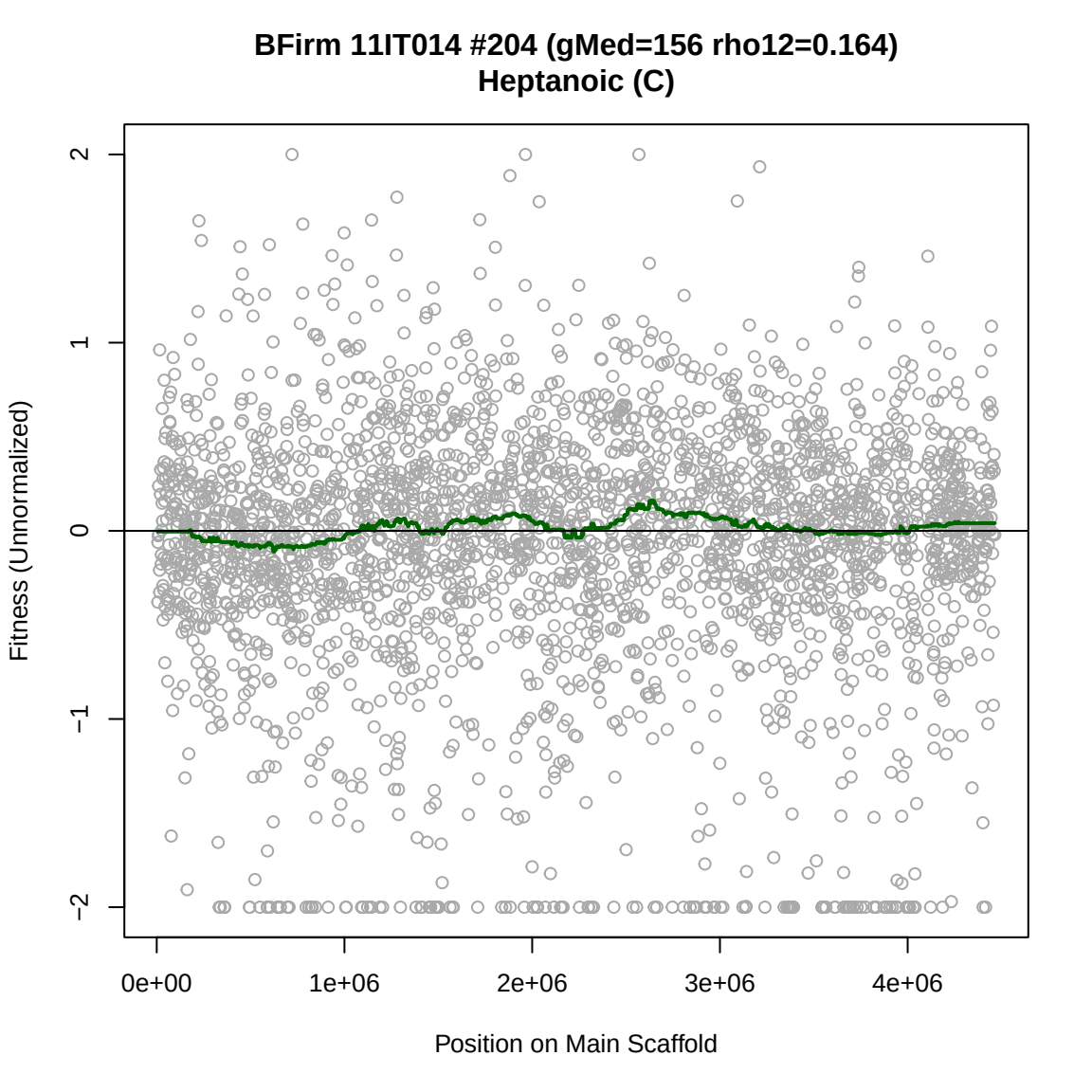

BFirm 11IT009 #199 (gMed=129 rho12=0.089)
acetate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

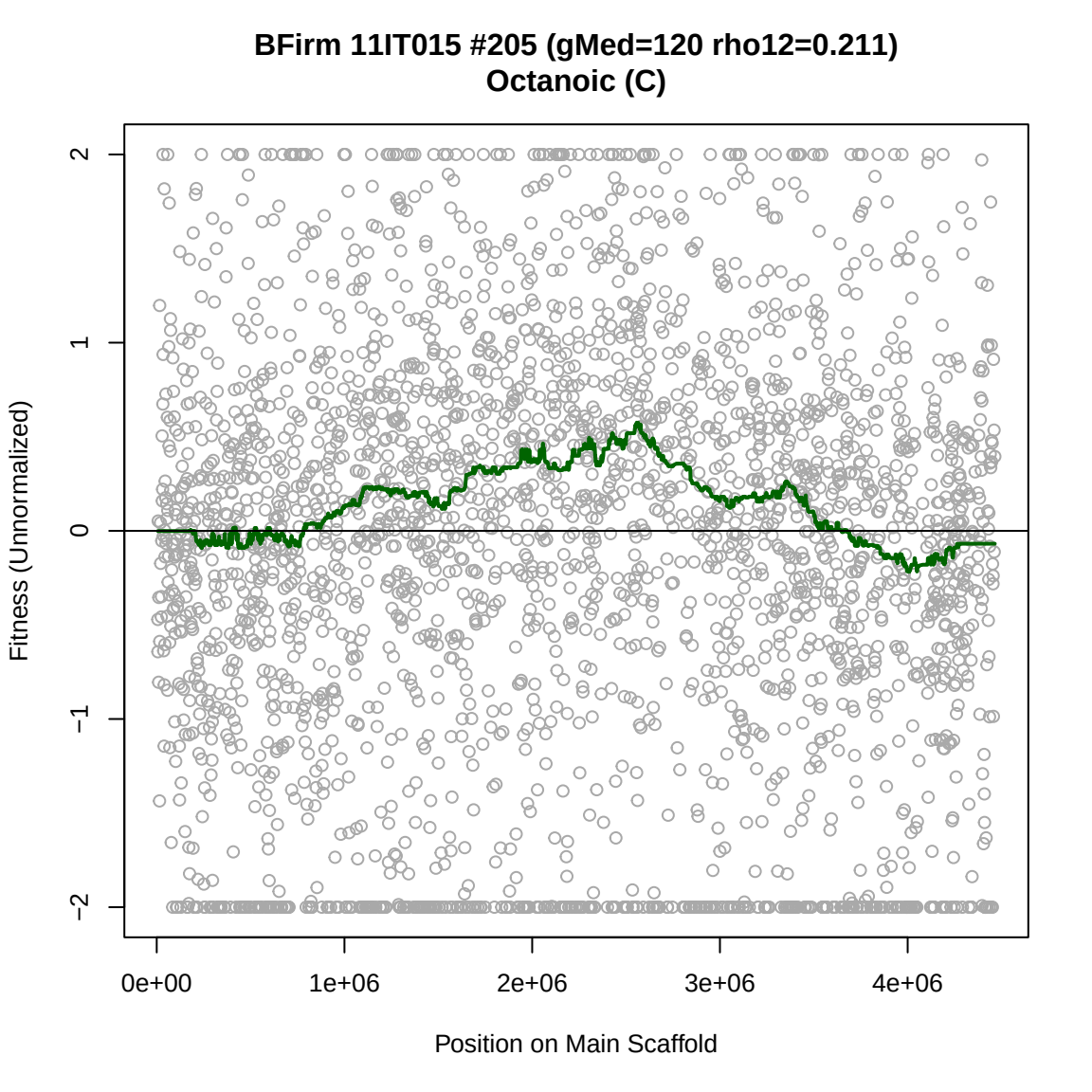

BFirm 11IT010 #200 (gMed=162 rho12=0.152)
propionate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

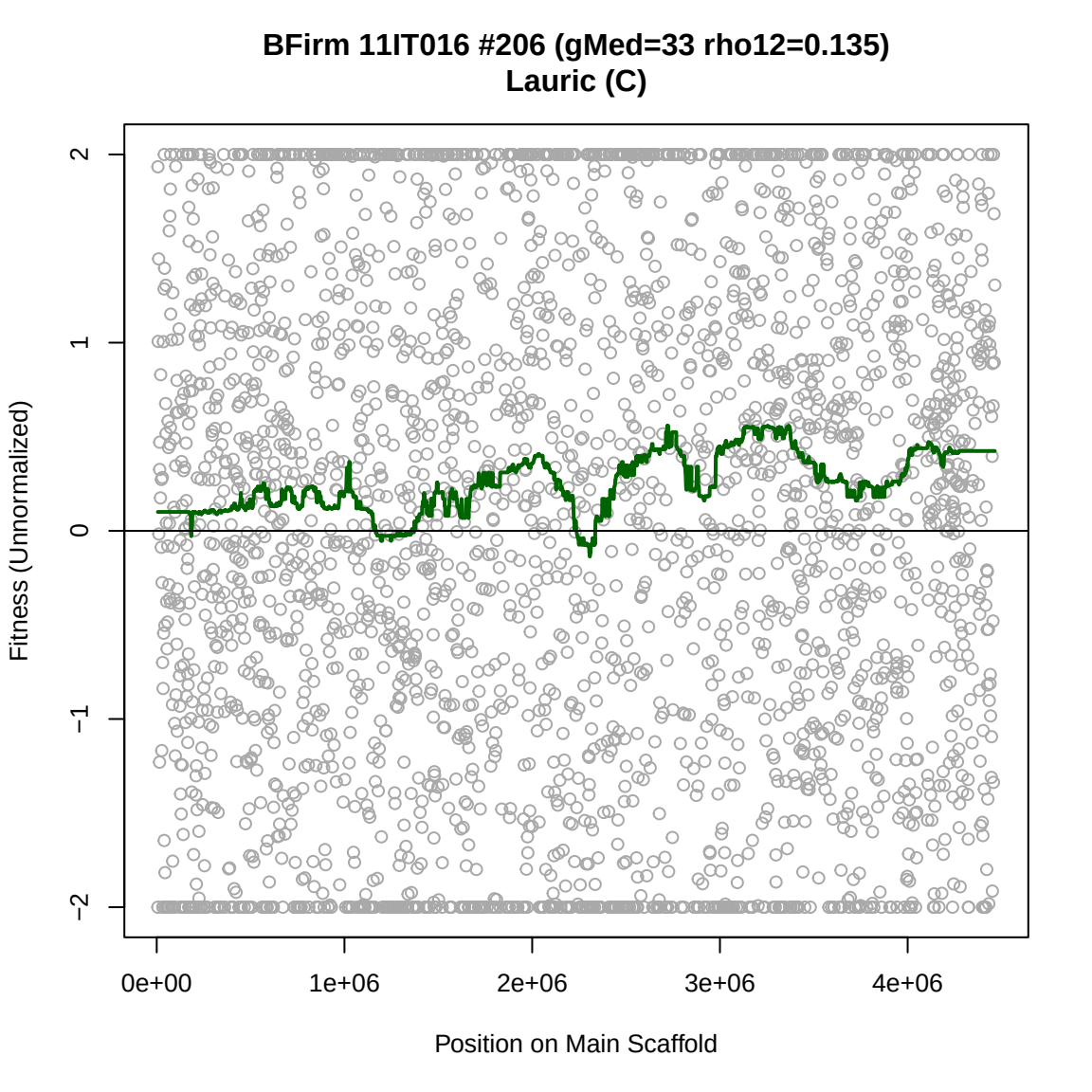

BFirm 11IT011 #201 (gMed=115 rho12=0.156)
butyrate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

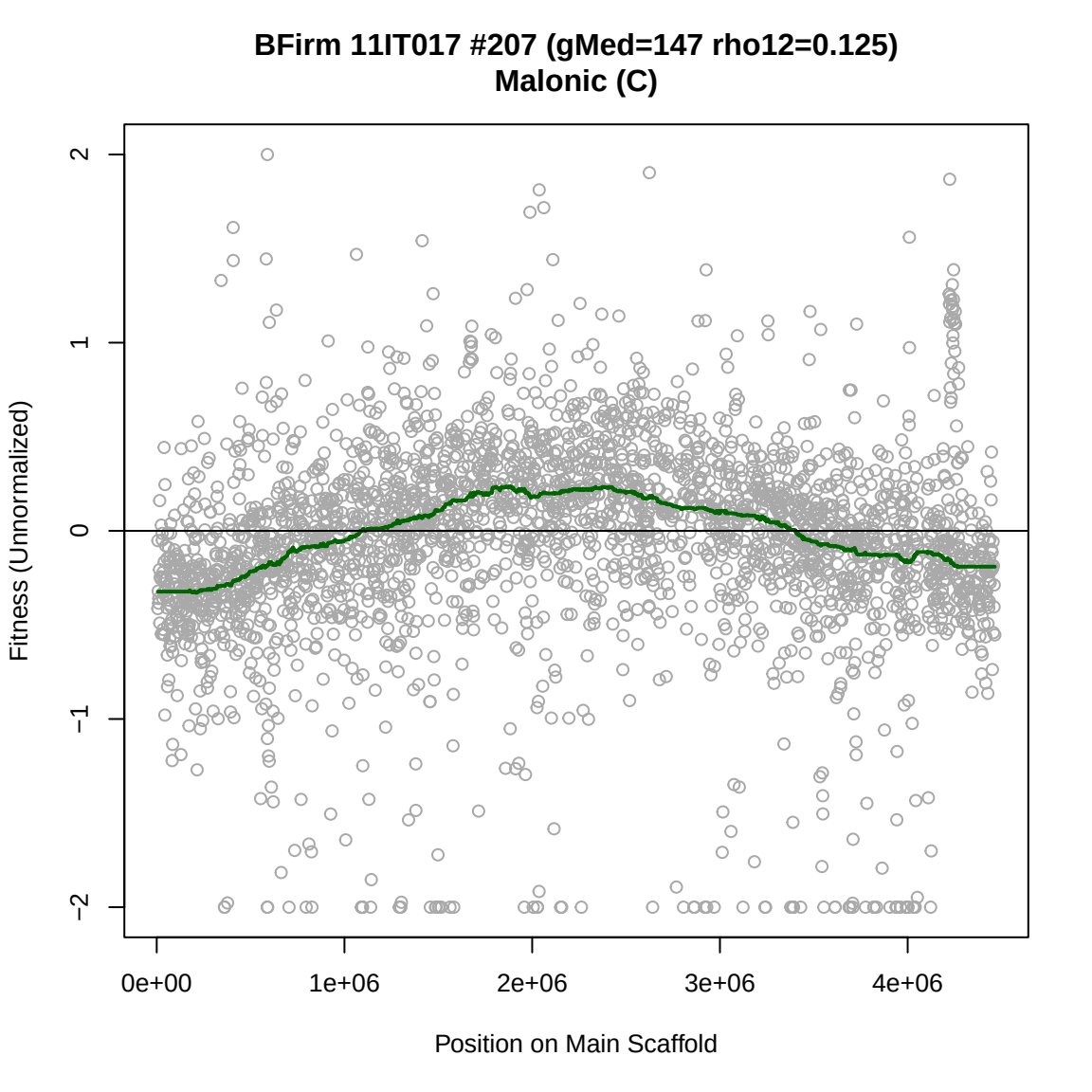

BFirm 11IT012 #202 (gMed=105 rho12=0.112)
Valeric (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

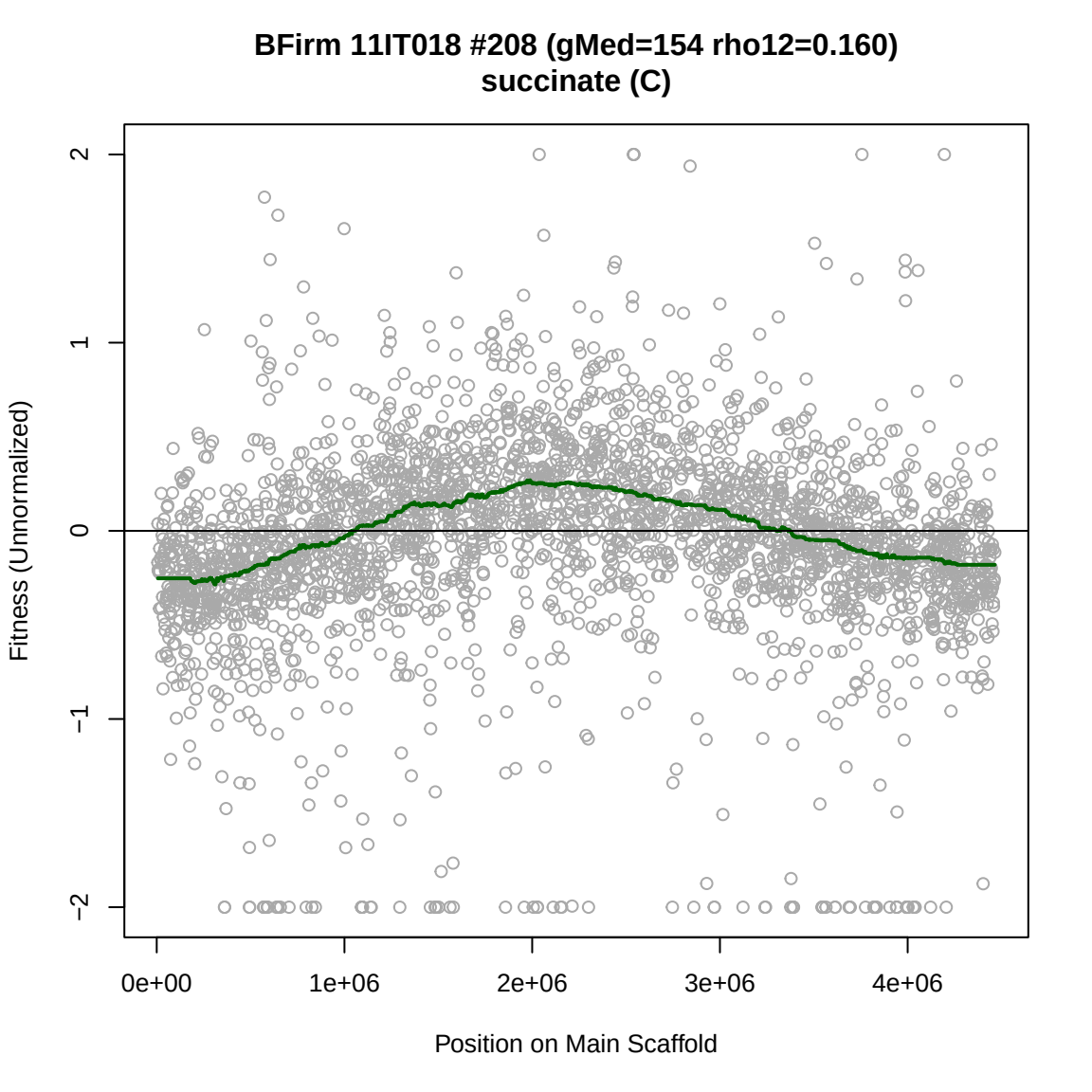

BFirm 11IT013 #203 (gMed=141 rho12=0.162)
Hexanoic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

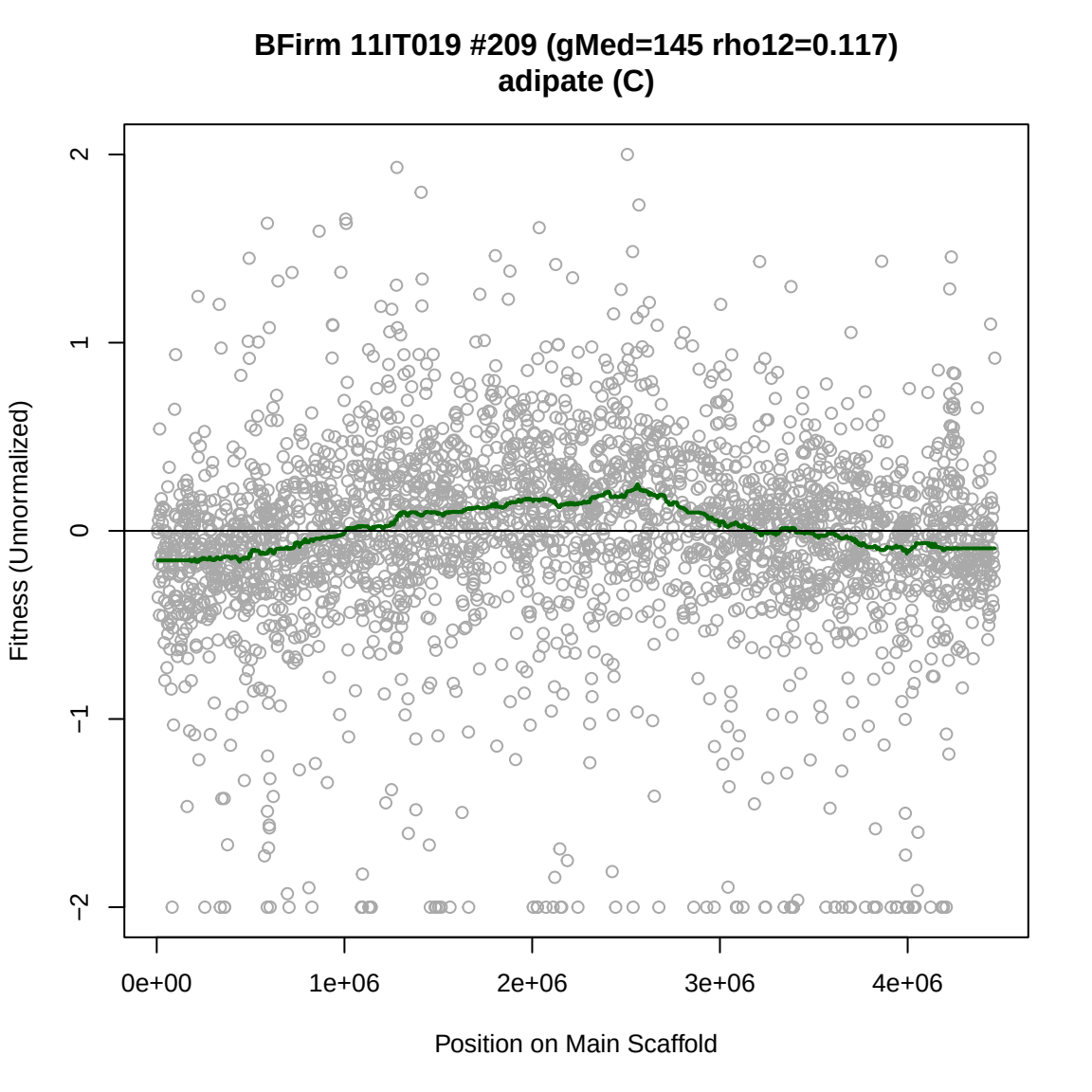

BFirm 11IT014 #204 (gMed=156 rho12=0.164)
Heptanoic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

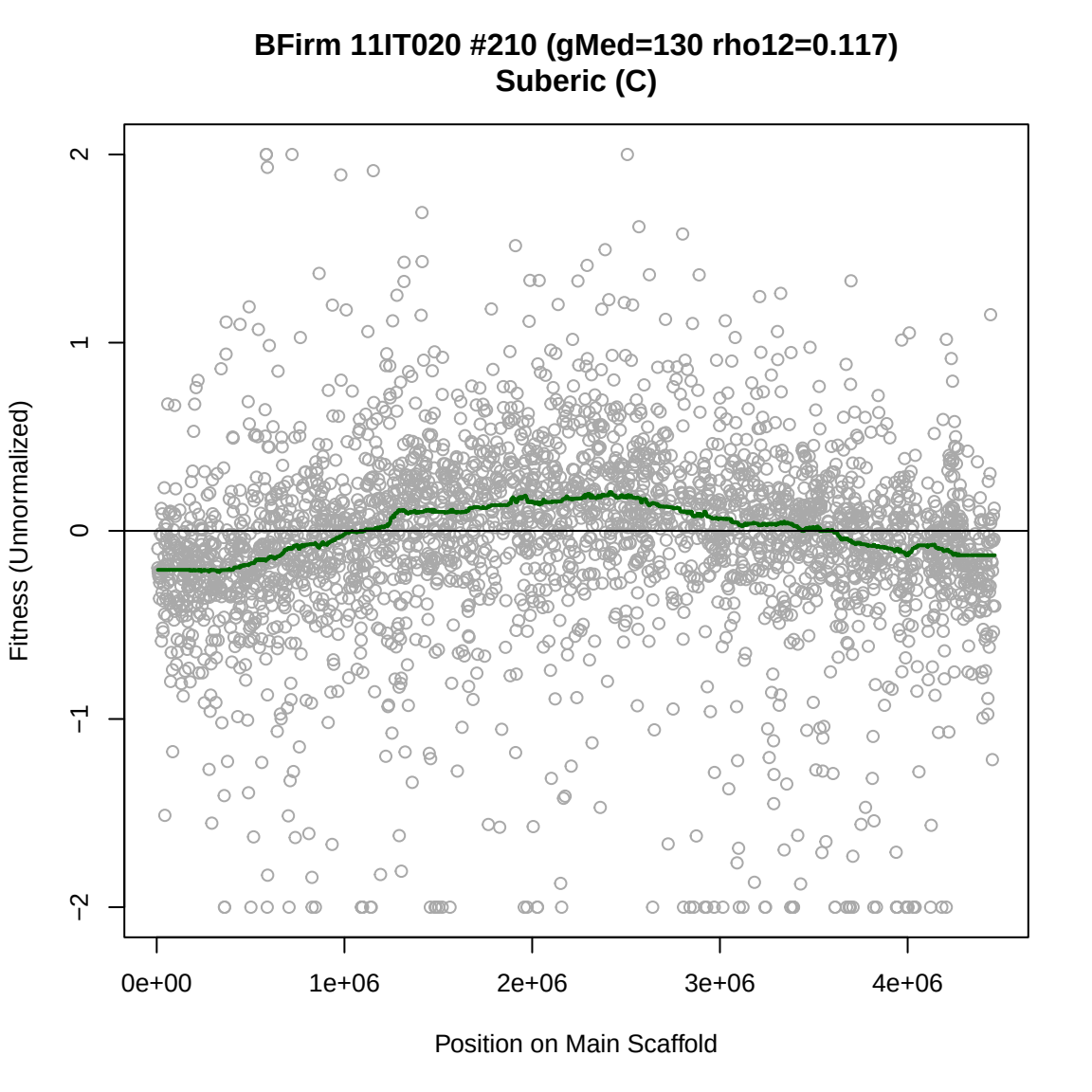

BFirm 11IT015 #205 (gMed=120 rho12=0.211)
Octanoic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

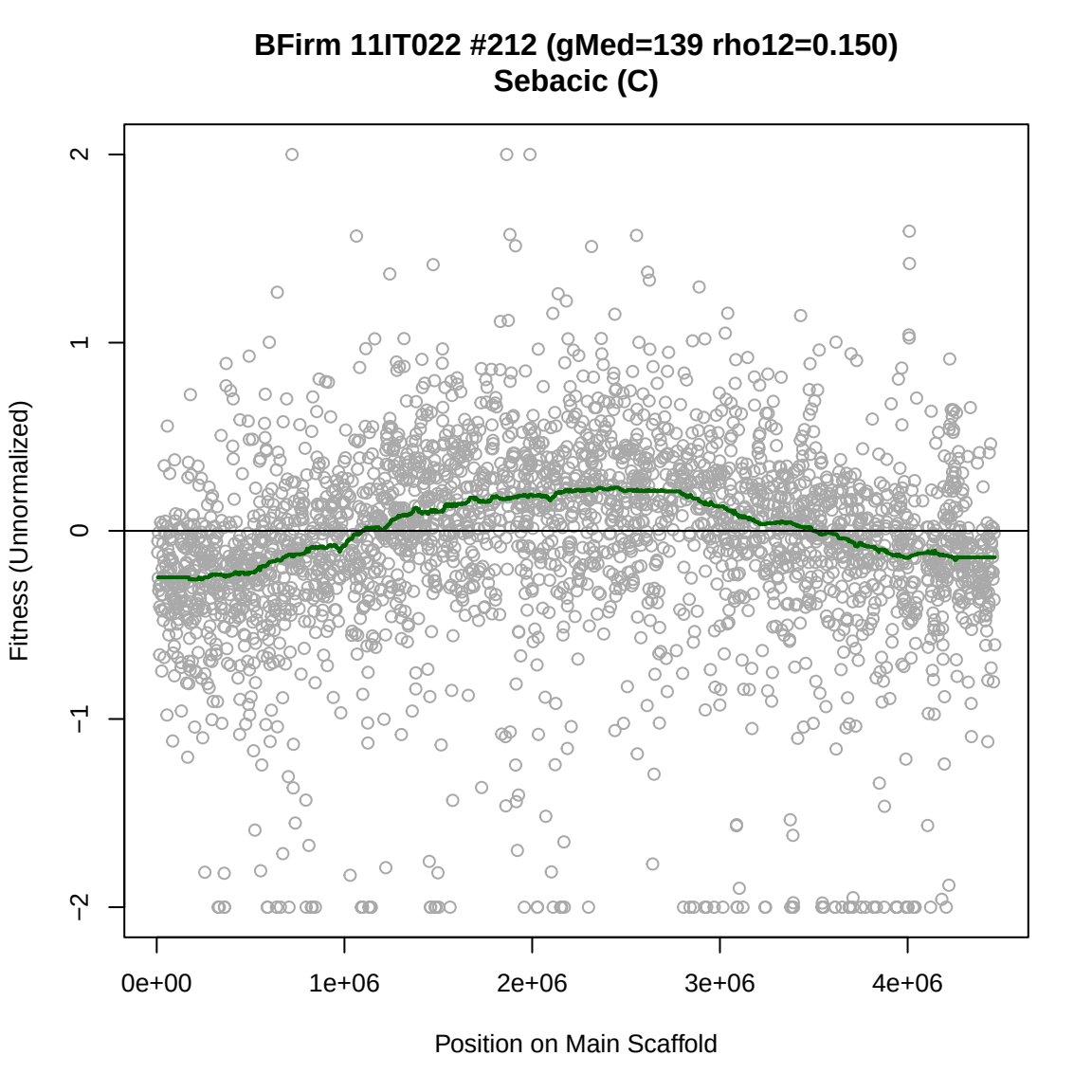

BFirm 11IT016 #206 (gMed=33 rho12=0.135)
Lauric (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

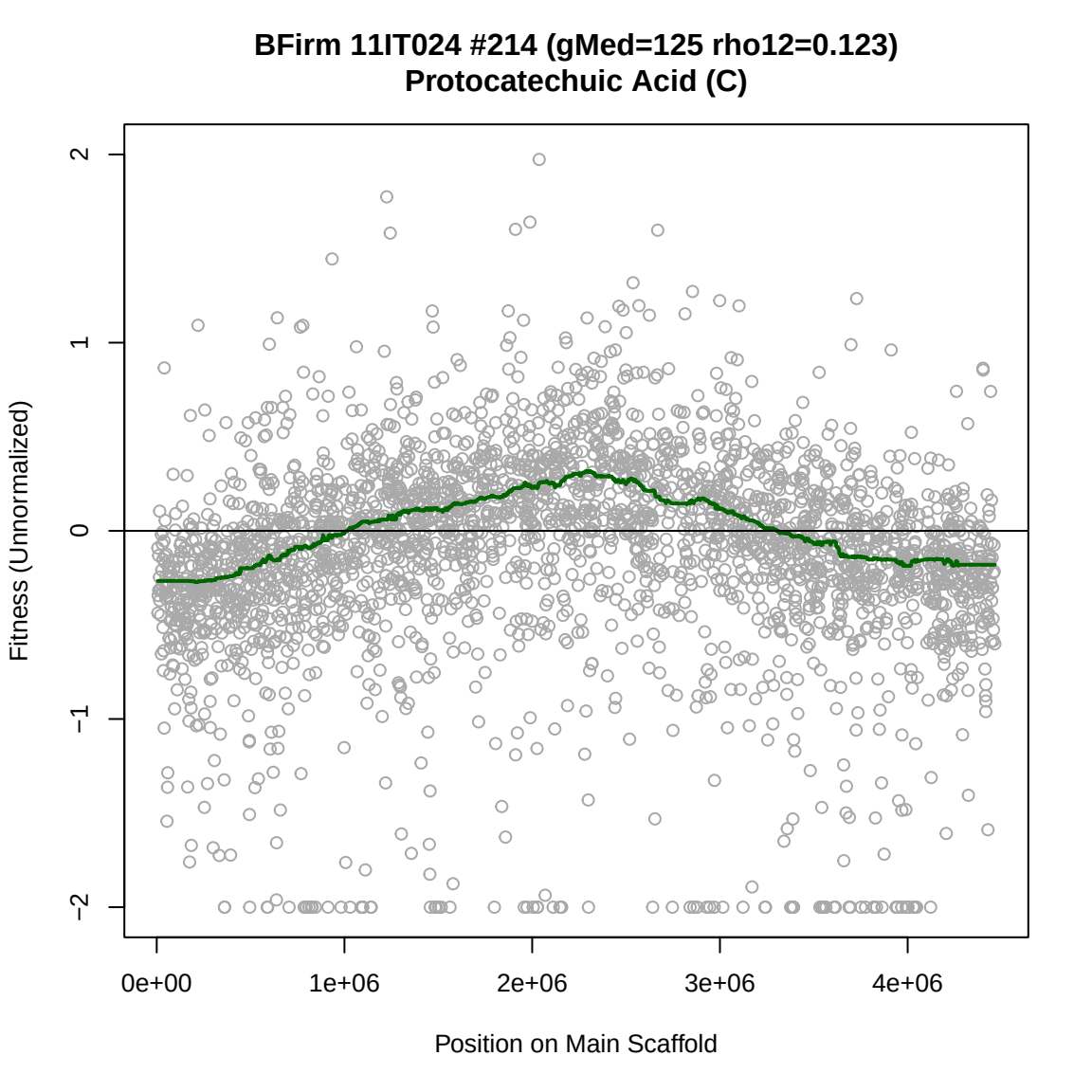

BFirm 11IT017 #207 (gMed=147 rho12=0.125)
Malonic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

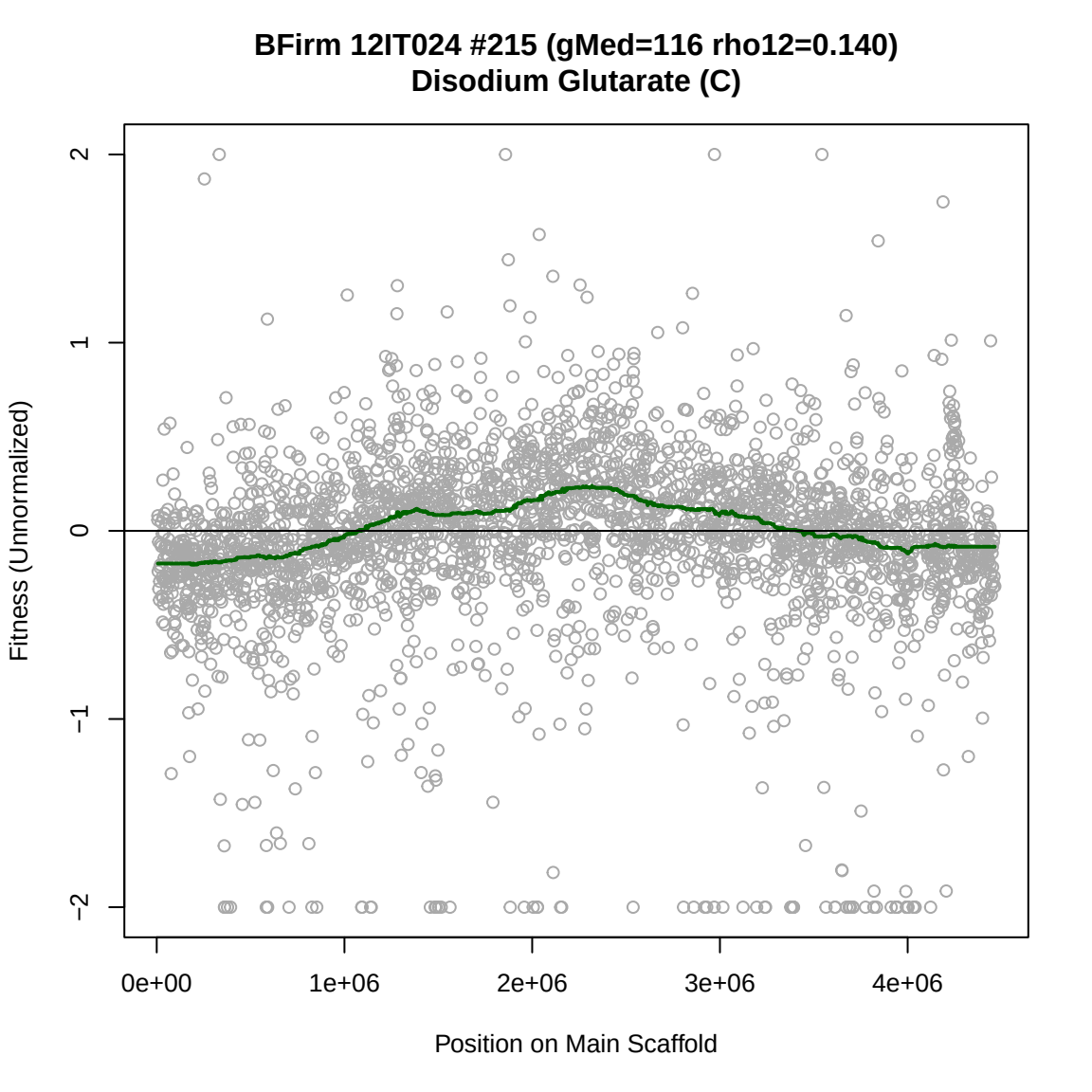

BFirm 11IT018 #208 (gMed=154 rho12=0.160)
succinate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

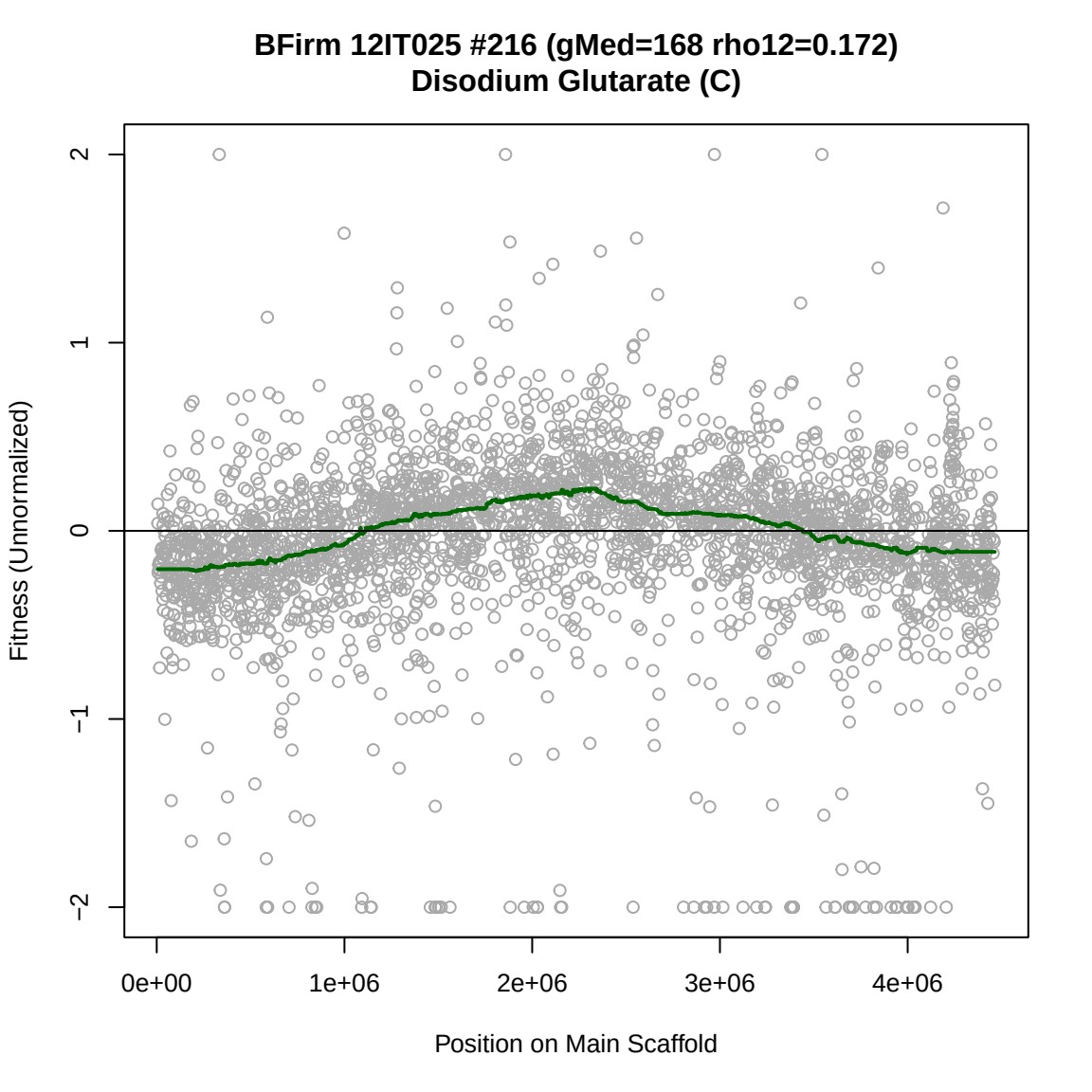

BFirm 11IT019 #209 (gMed=145 rho12=0.117)
adipate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

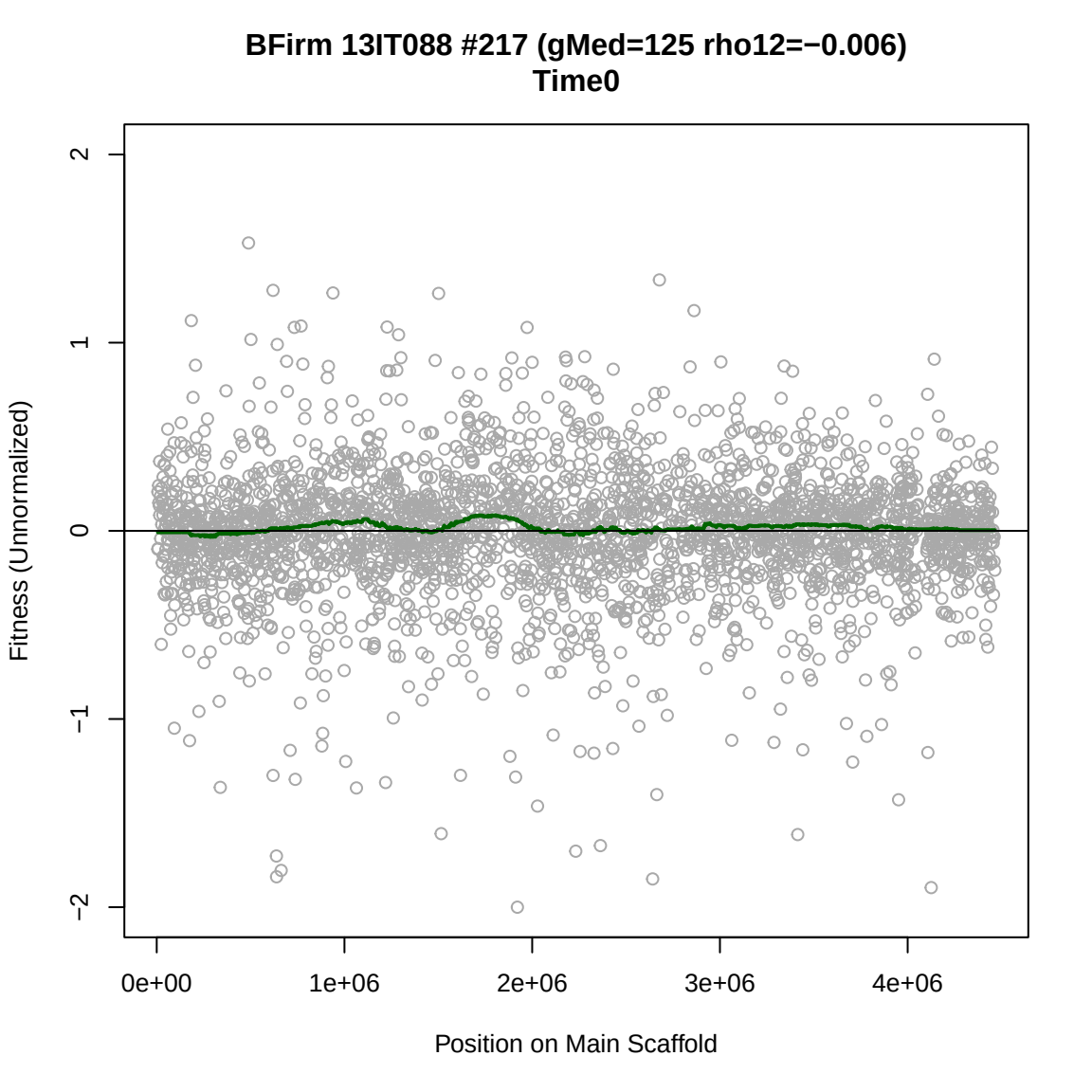

BFirm 11IT020 #210 (gMed=130 rho12=0.117)
Suberic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

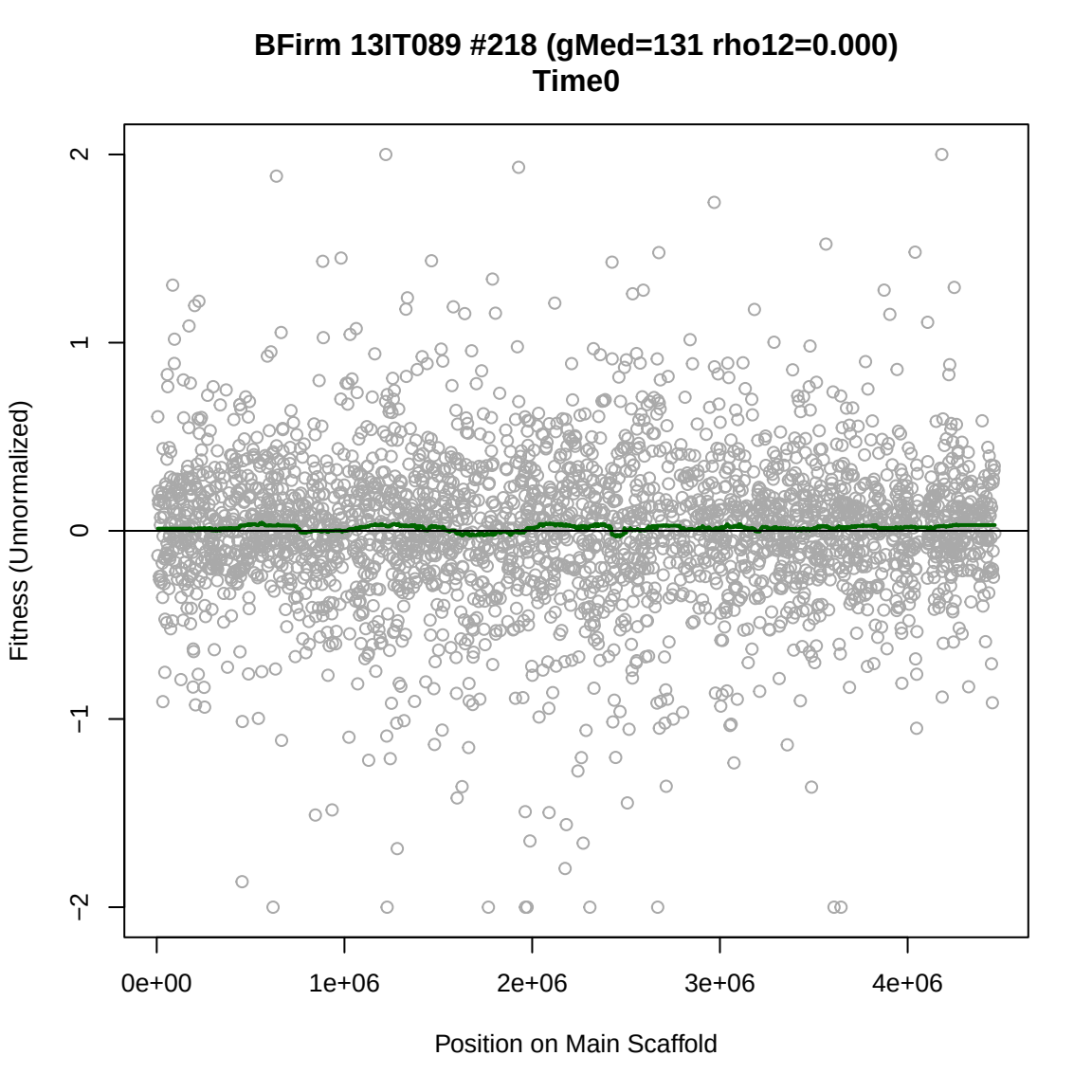

BFirm 11IT022 #212 (gMed=139 rho12=0.150)
Sebacic (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

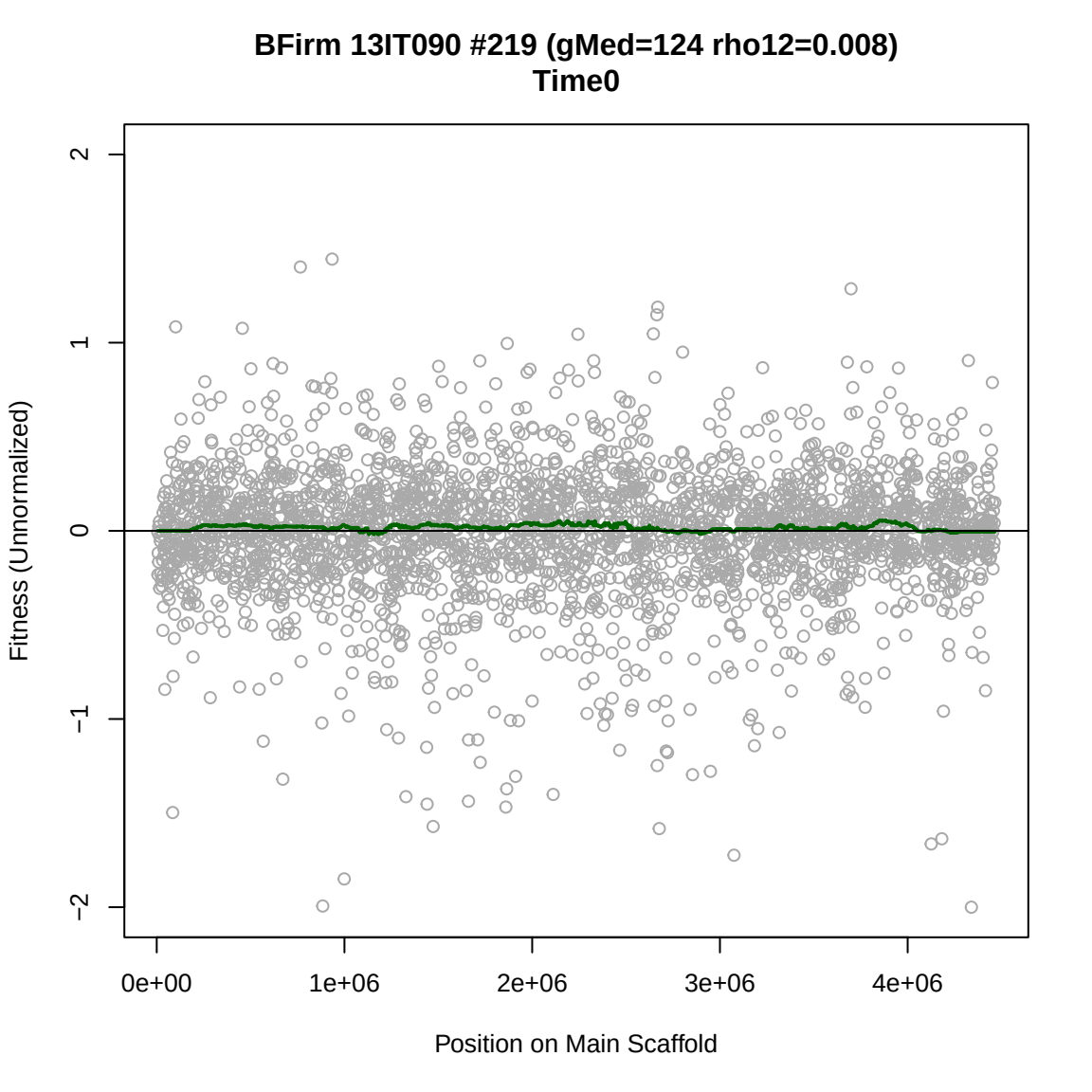

BFirm 11IT024 #214 (gMed=125 rho12=0.123)
Protocatechuic Acid (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

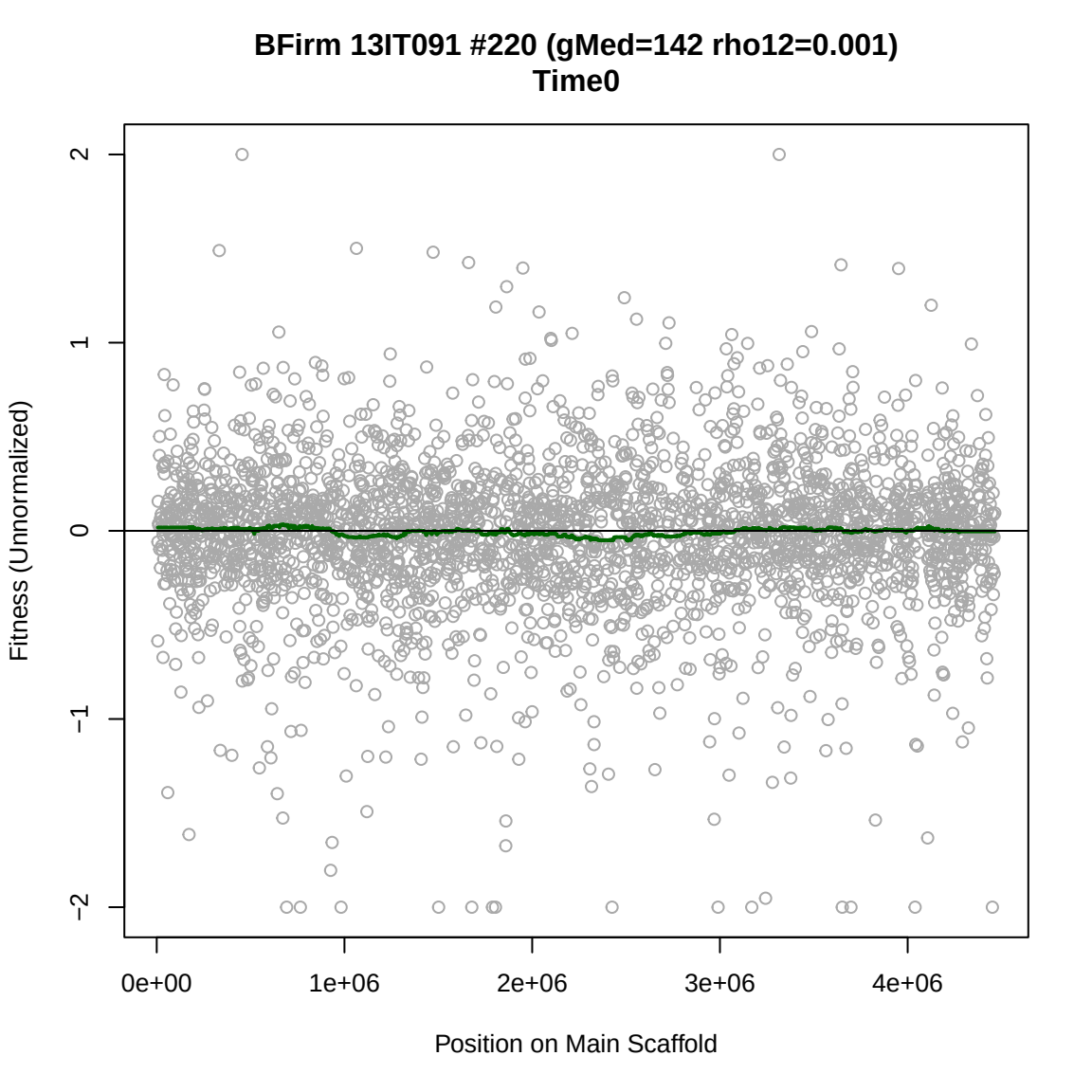

BFirm 12IT024 #215 (gMed=116 rho12=0.140)
Disodium Glutarate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

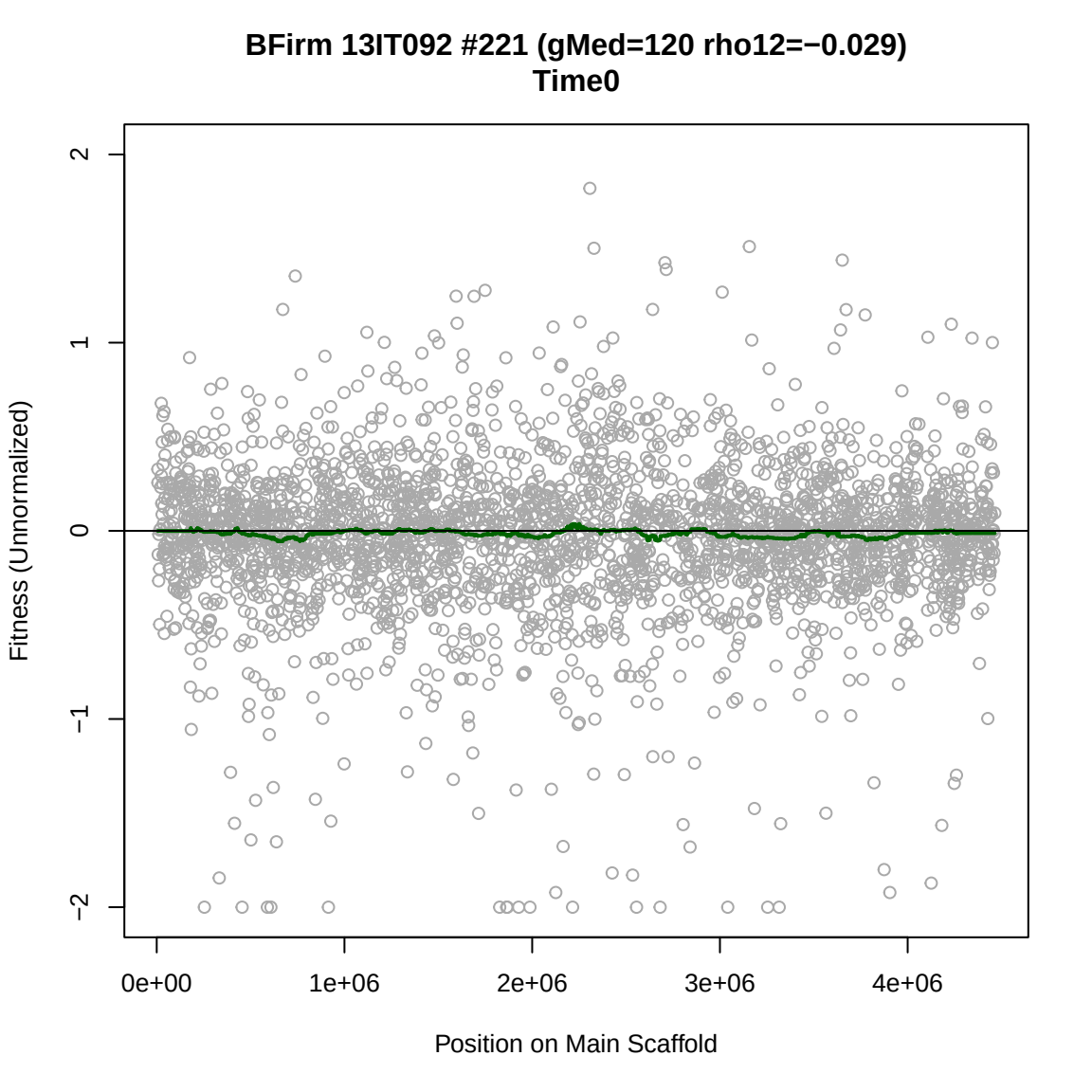

BFirm 12IT025 #216 (gMed=168 rho12=0.172)
Disodium Glutarate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

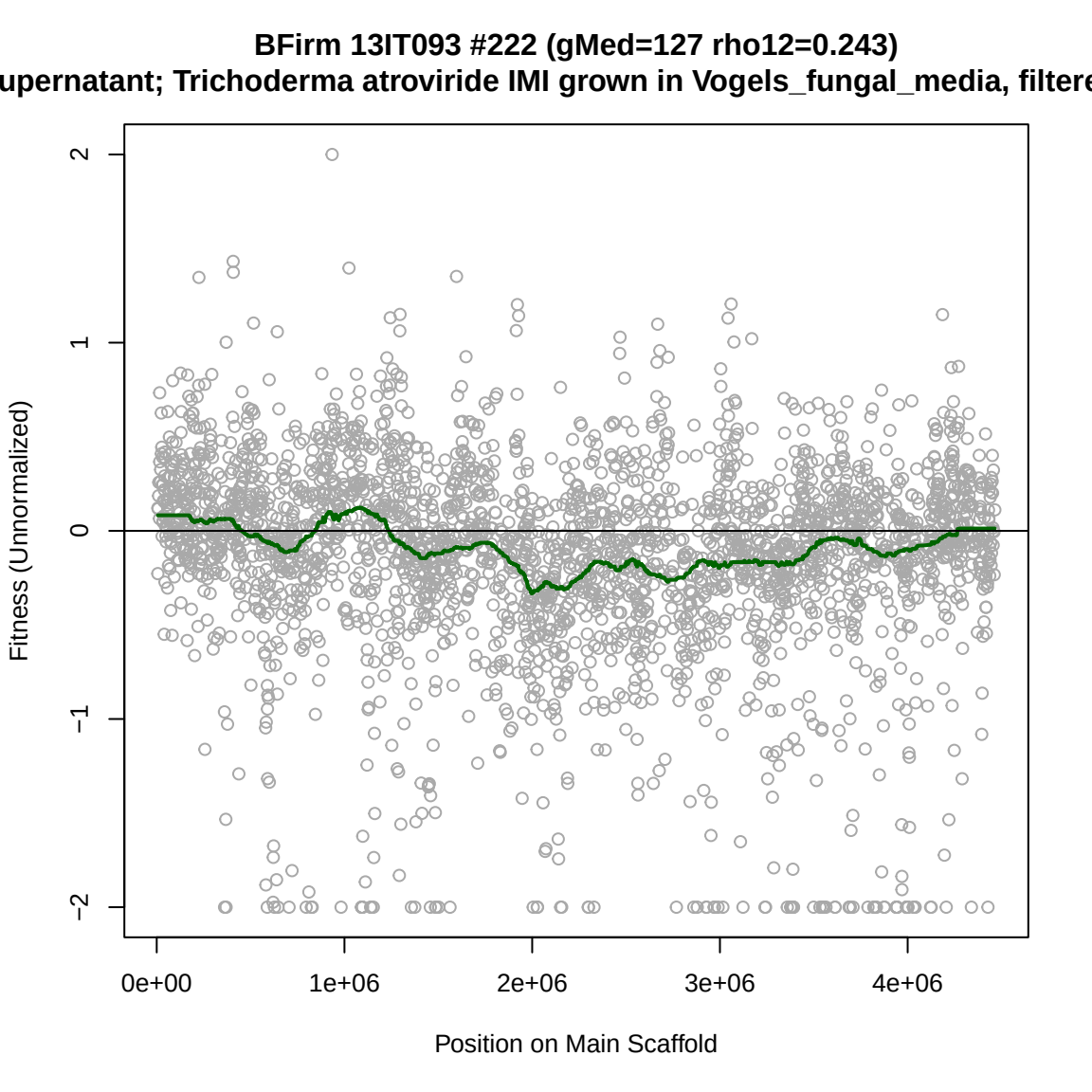

BFirm 13IT088 #217 (gMed=125 rho12=−0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

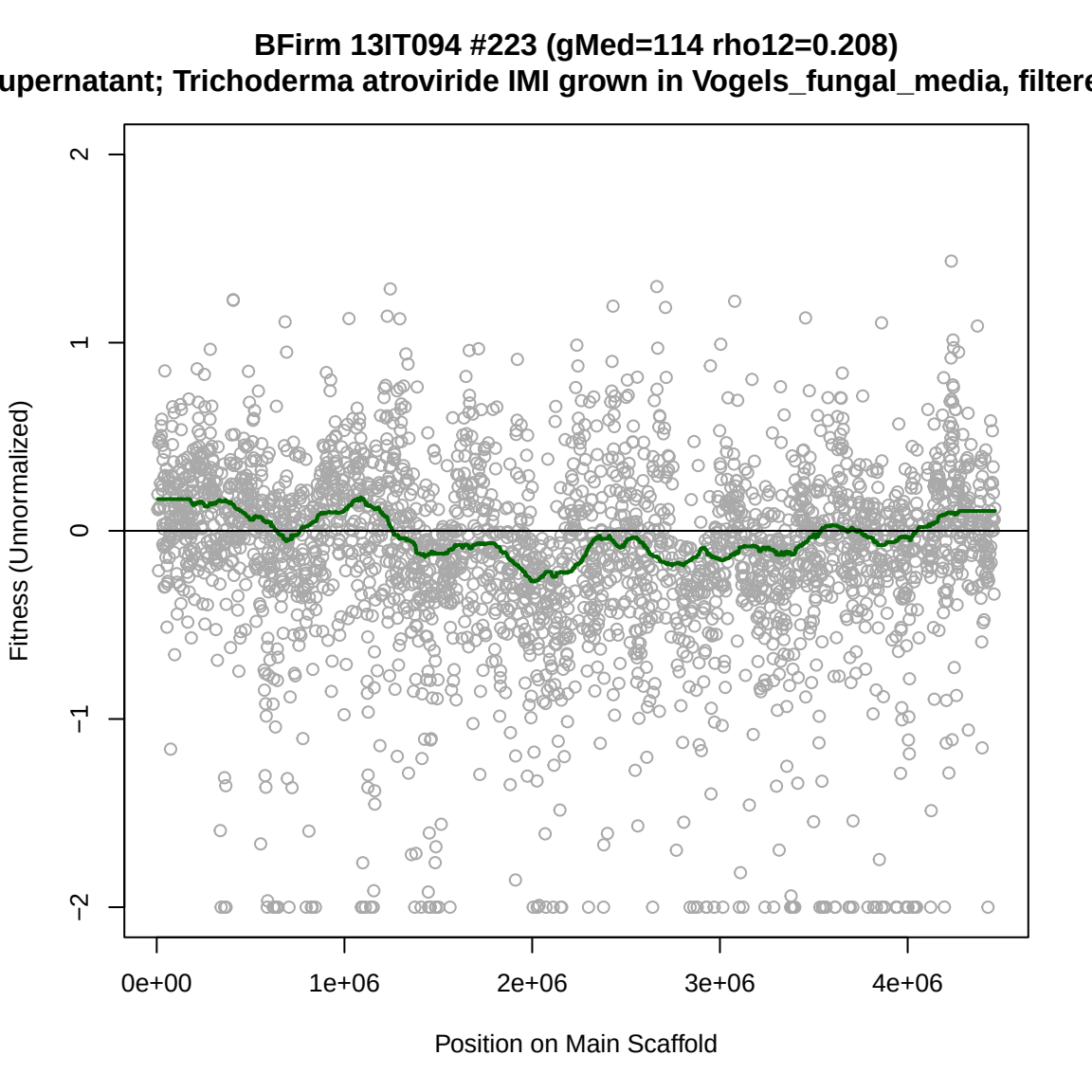

BFirm 13IT089 #218 (gMed=131 rho12=0.000)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

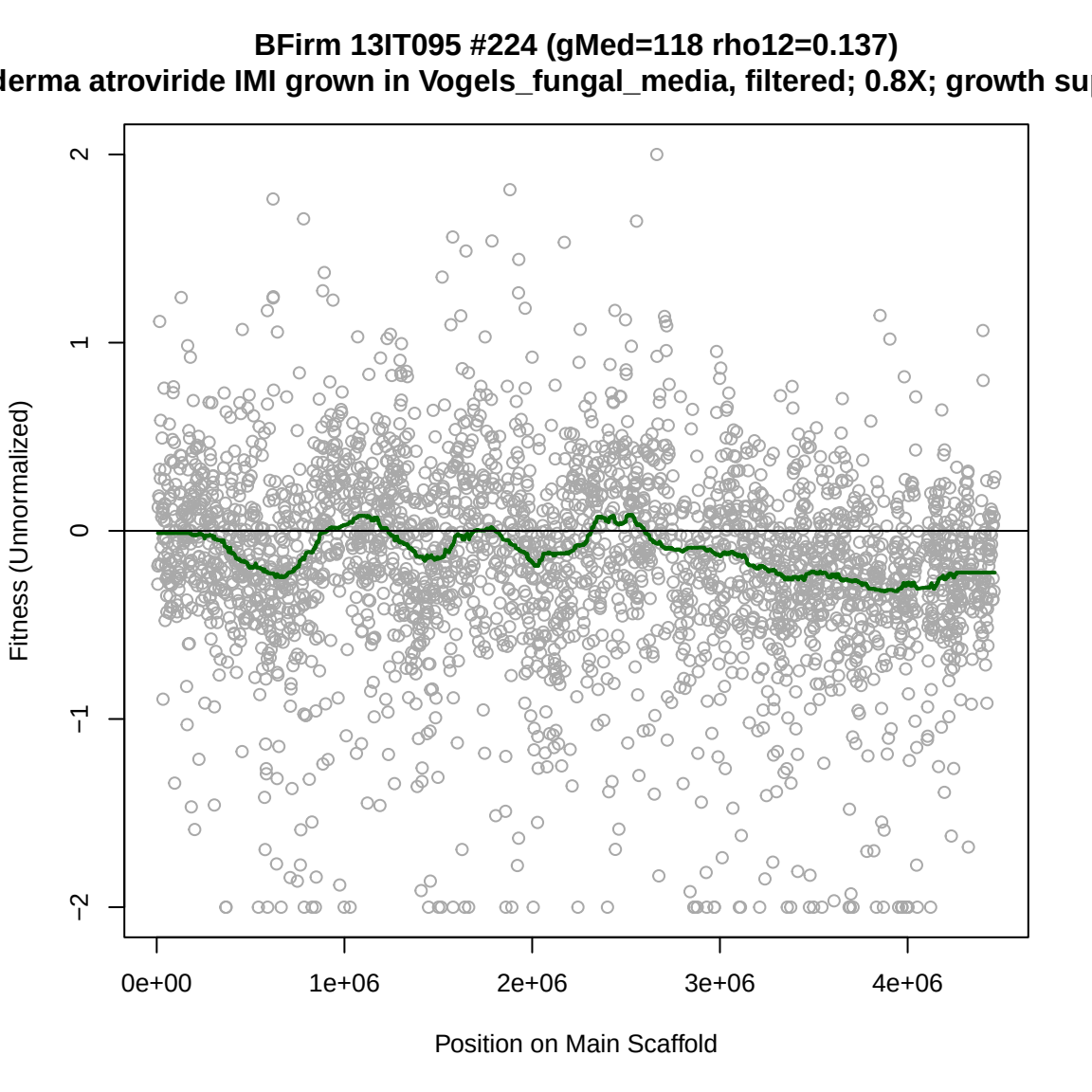

BFirm 13IT090 #219 (gMed=124 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

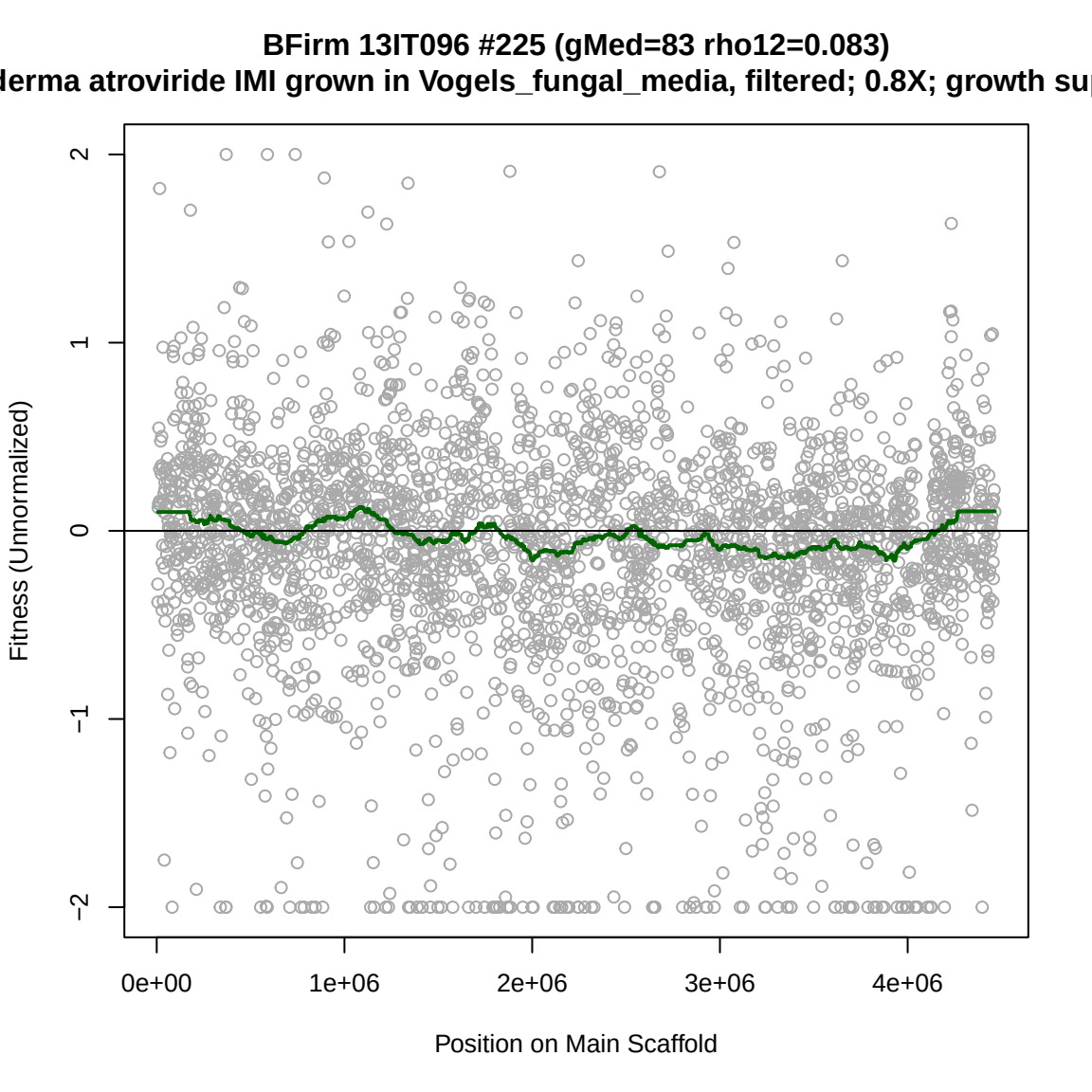

BFirm 13IT091 #220 (gMed=142 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

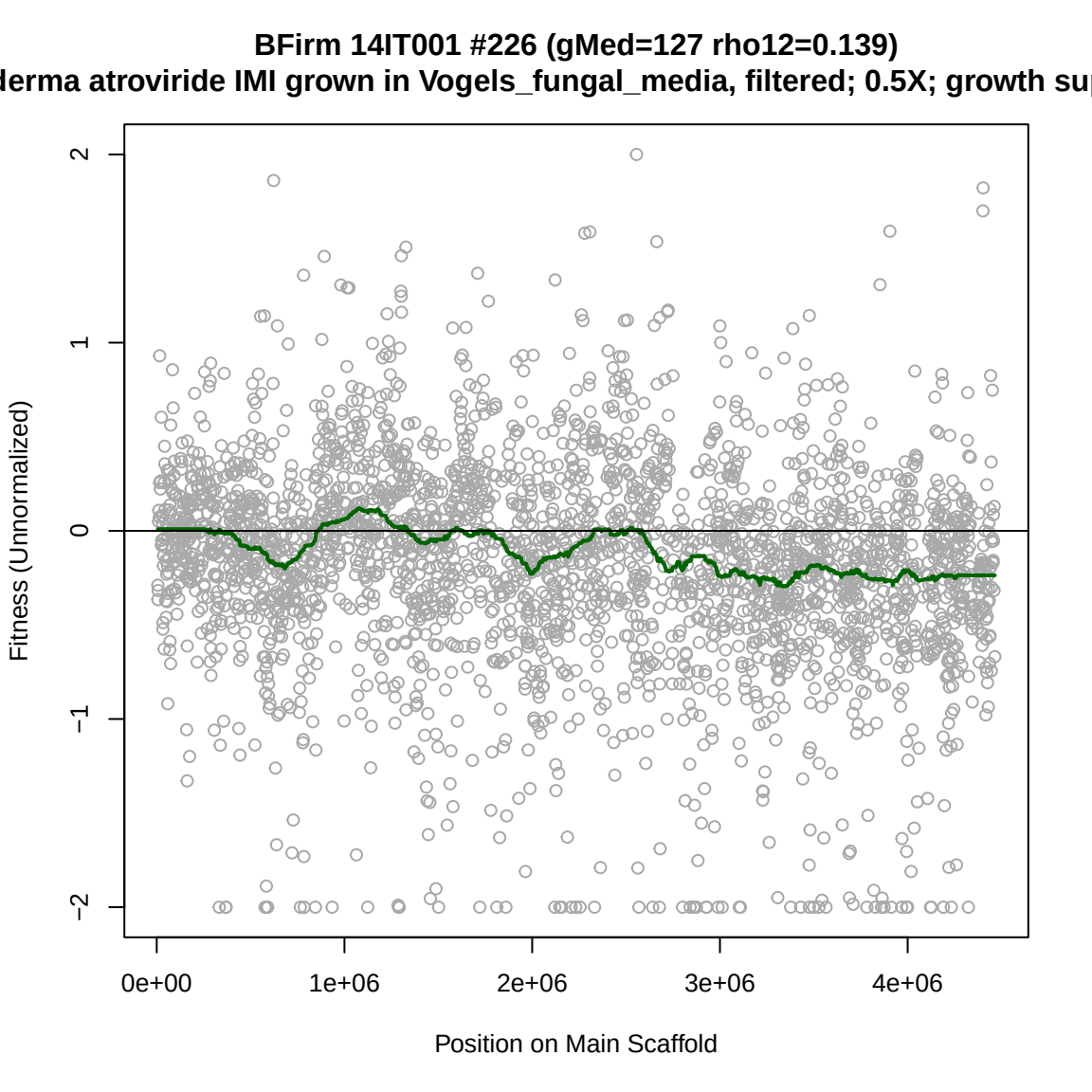

BFirm 13IT092 #221 (gMed=120 rho12=−0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

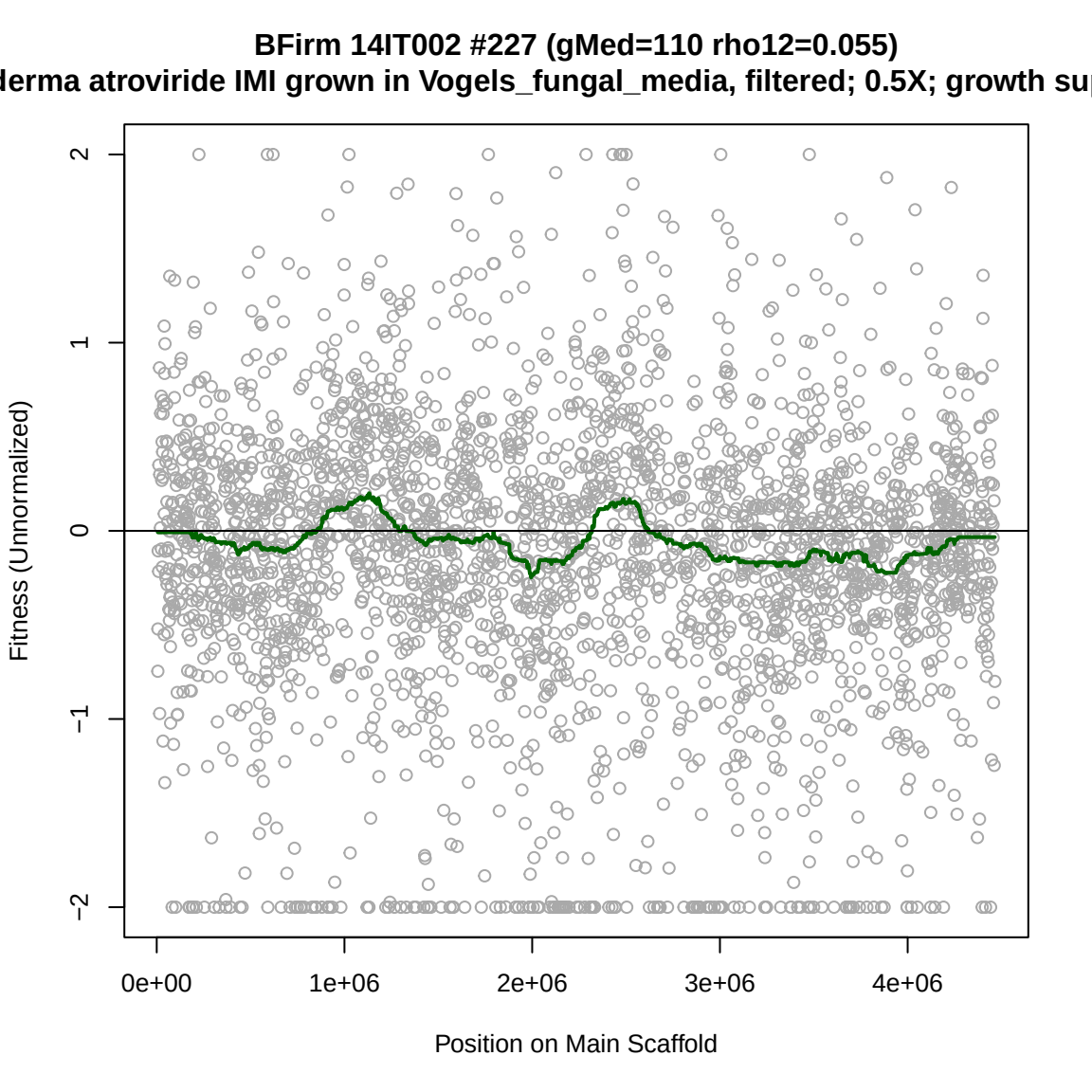

BFirm 13IT093 #222 (gMed=127 rho12=0.243)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

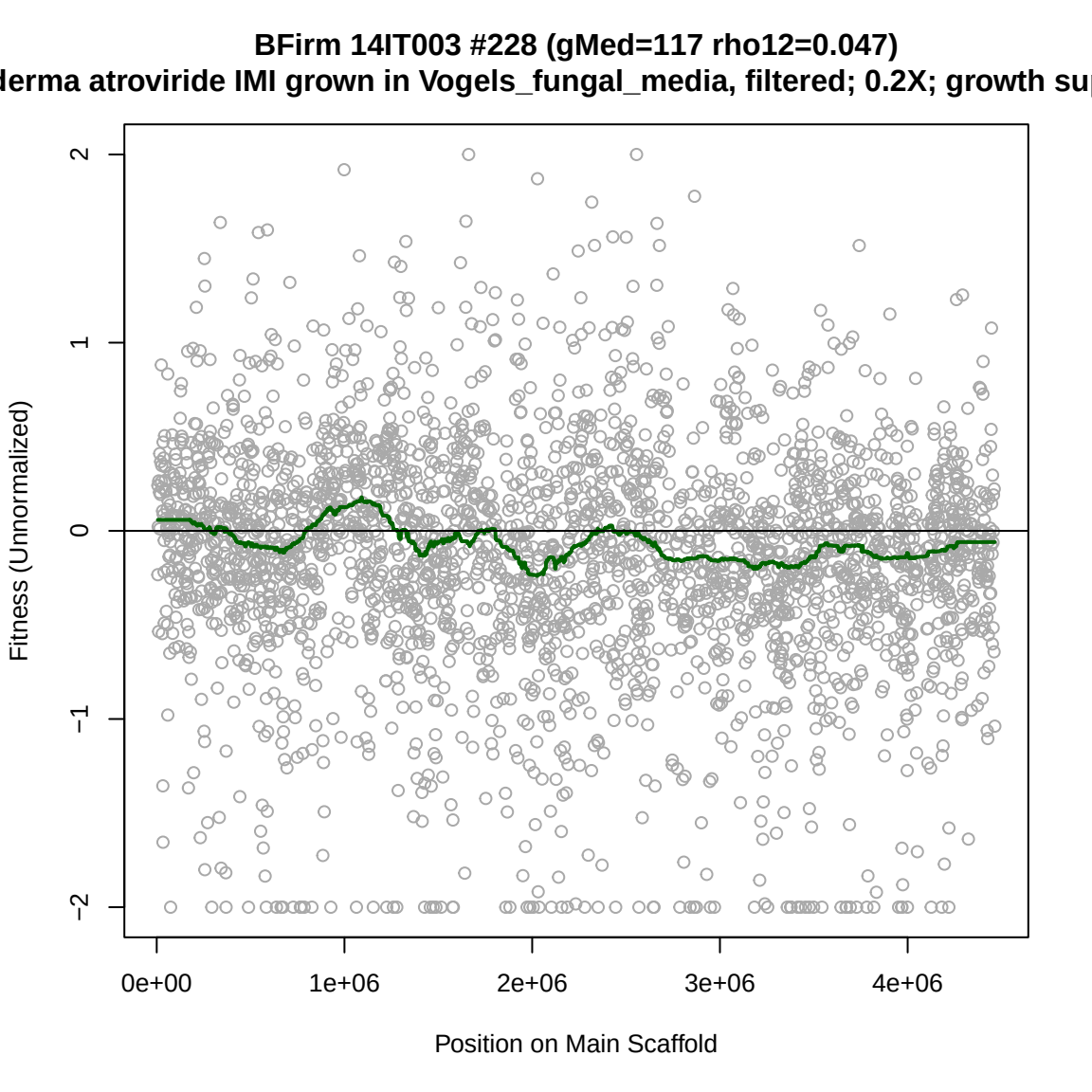

BFirm 13IT094 #223 (gMed=114 rho12=0.208)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

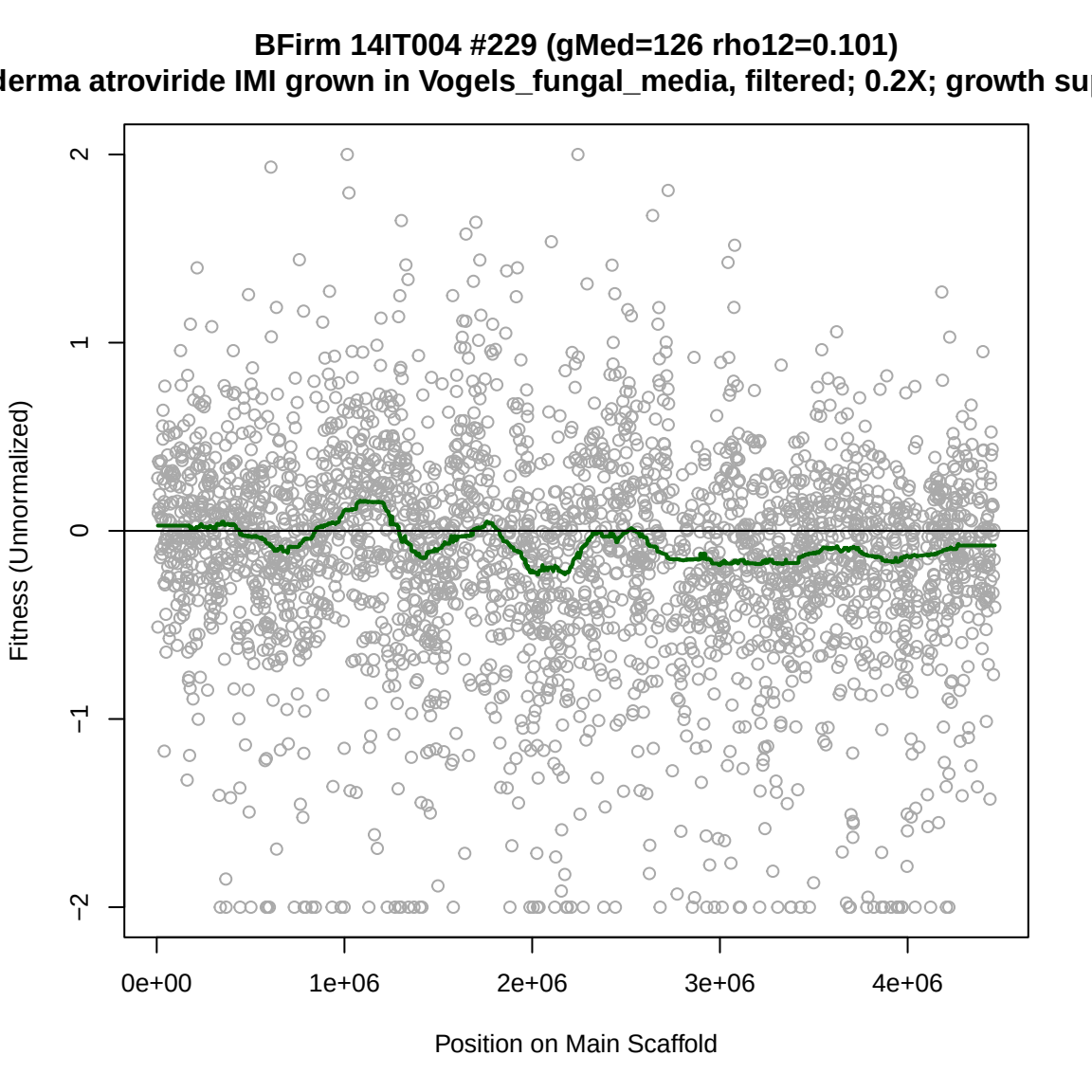

BFirm 13IT095 #224 (gMed=118 rho12=0.137)
derma atroviride IMI grown in Vogels_fungal_media, filtered; 0.8X; growth su
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

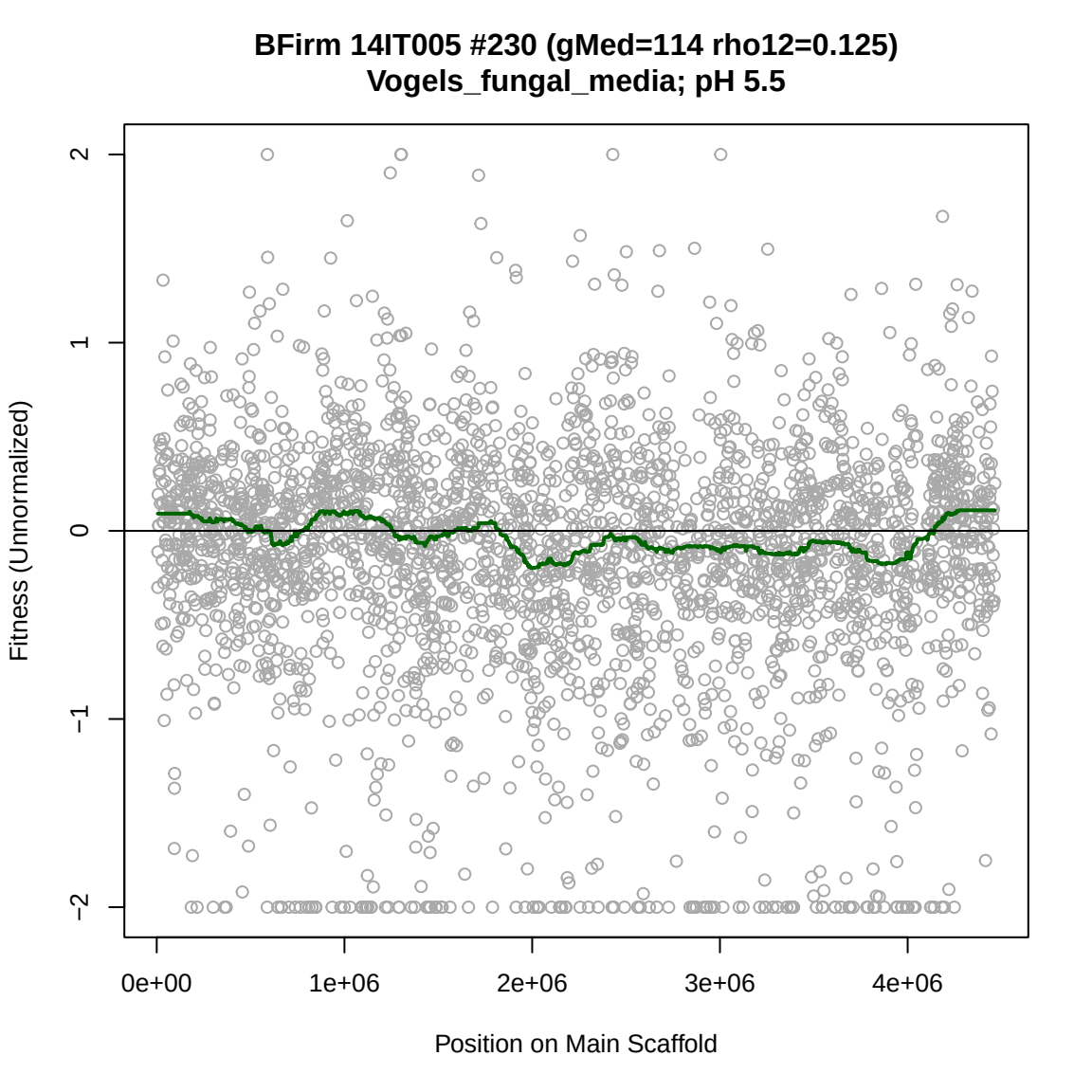

BFirm 13IT096 #225 (gMed=83 rho12=0.083)
derma atroviride IMI grown in Vogels_fungal_media, filtered; 0.8X; growth su
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

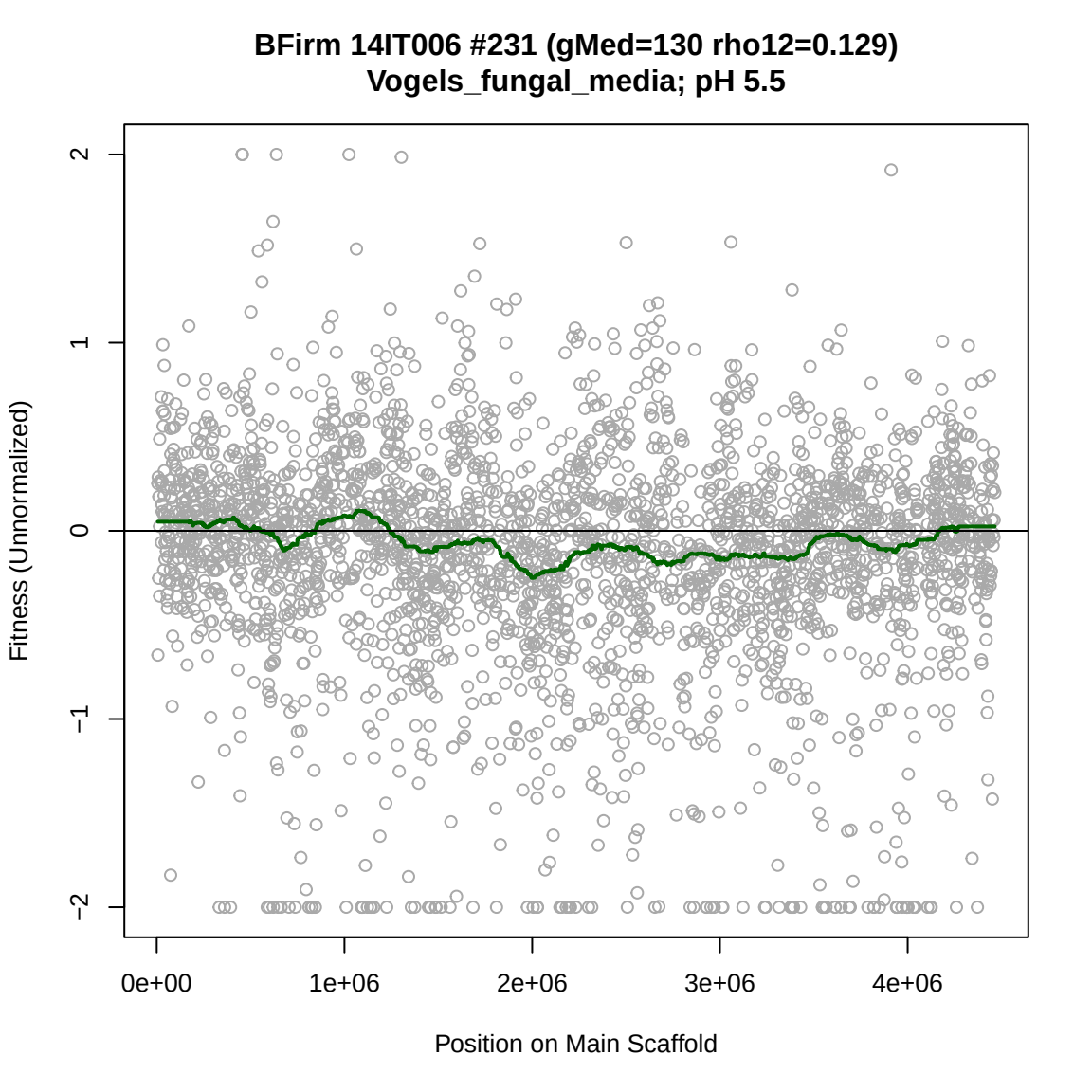

BFirm 14IT001 #226 (gMed=127 rho12=0.139)
derma atroviride IMI grown in Vogels_fungal_media, filtered; 0.5X; growth su
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

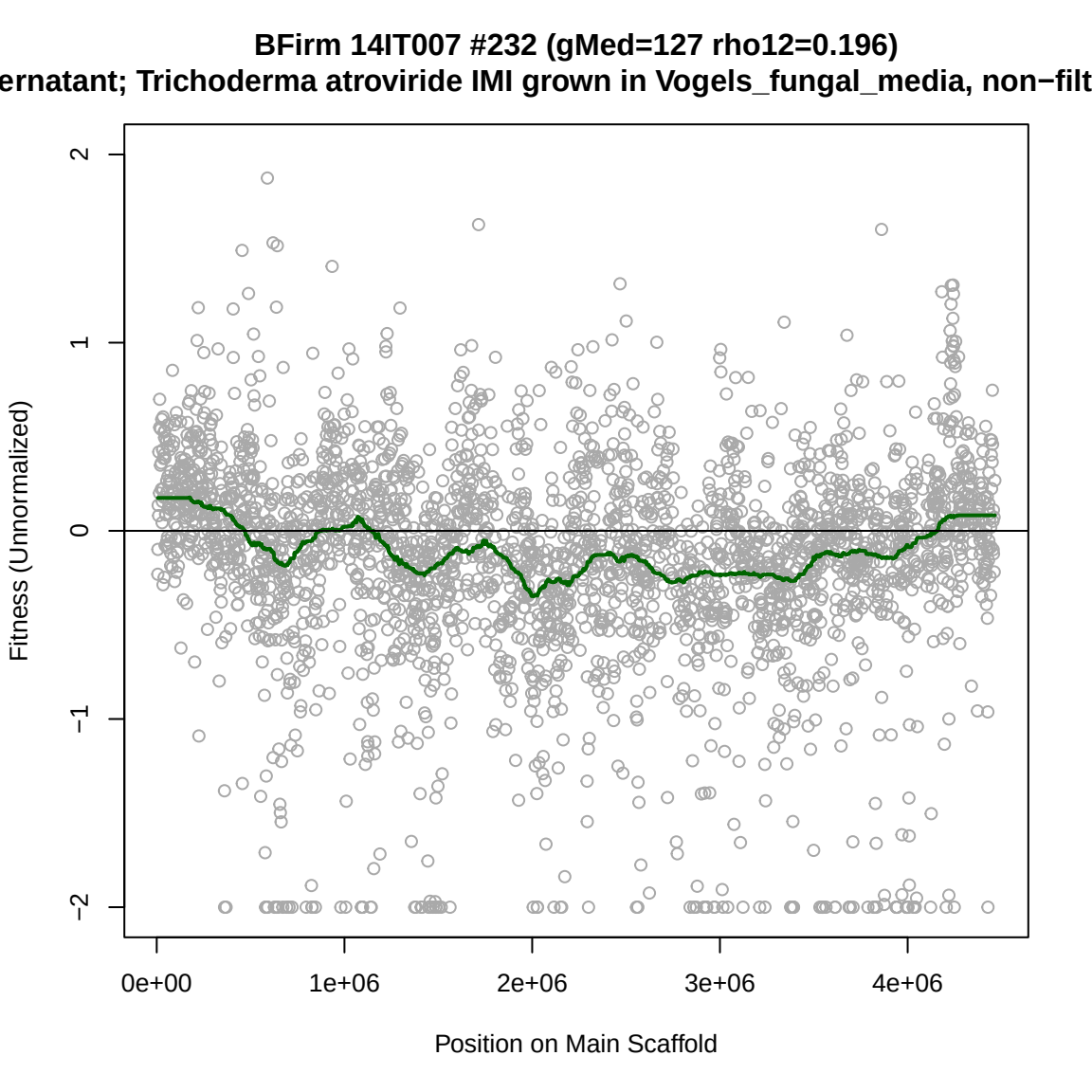

BFirm 14IT002 #227 (gMed=110 rho12=0.055)
derma atroviride IMI grown in Vogels_fungal_media, filtered; 0.5X; growth su
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

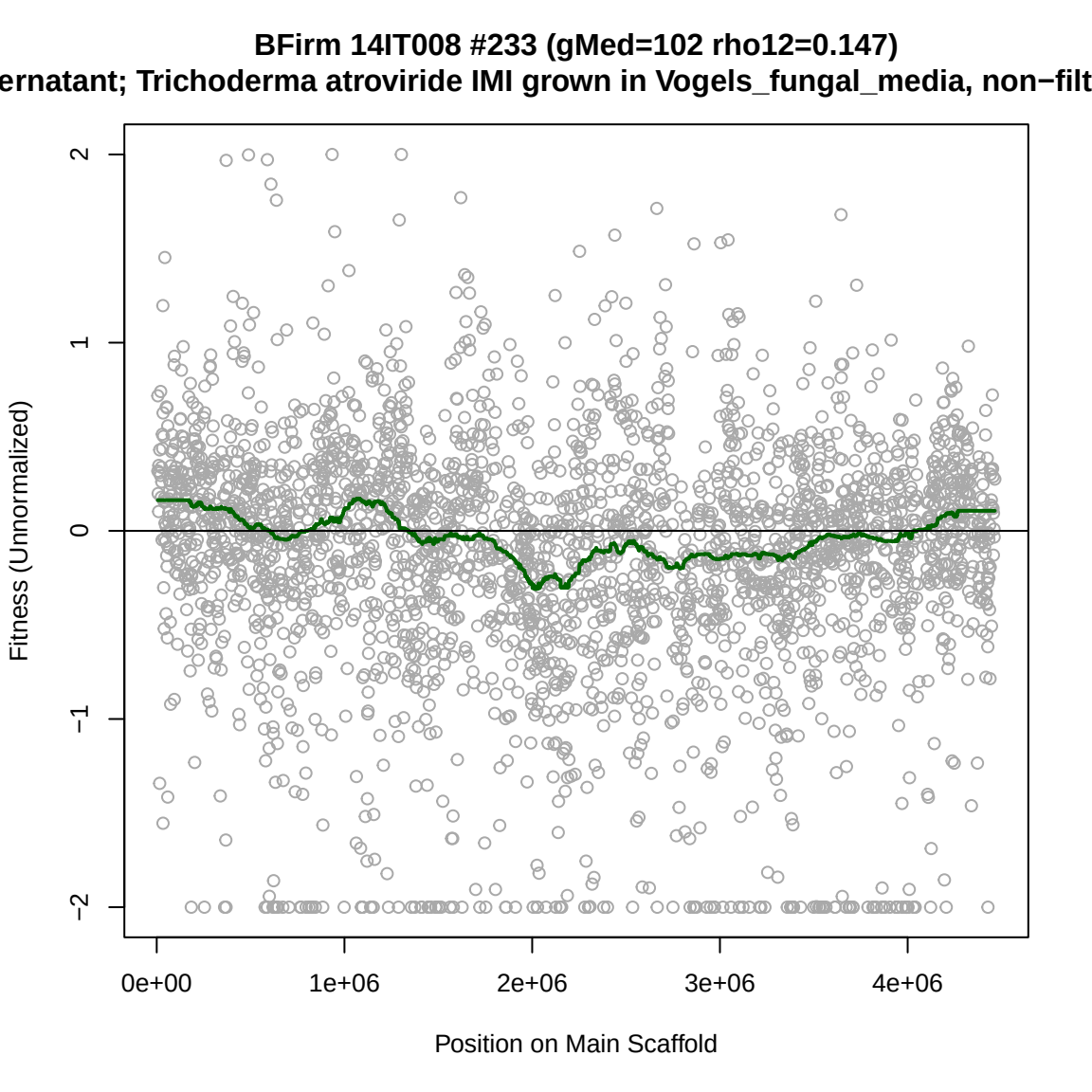

BFirm 14IT003 #228 (gMed=117 rho12=0.047)
derma atroviride IMI grown in Vogels_fungal_media, filtered; 0.2X; growth su
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

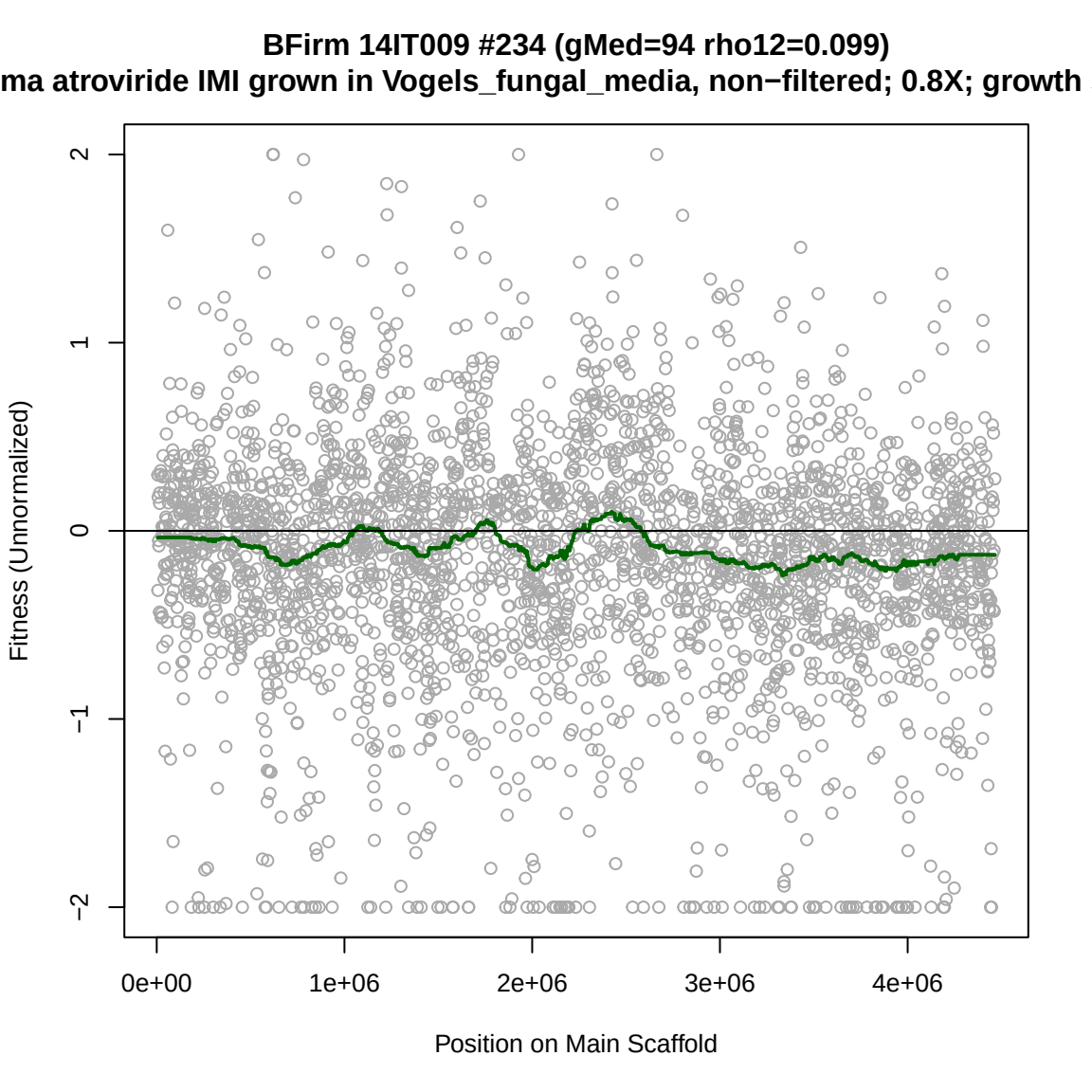

BFirm 14IT004 #229 (gMed=126 rho12=0.101)
derma atroviride IMI grown in Vogels_fungal_media, filtered; 0.2X; growth su
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

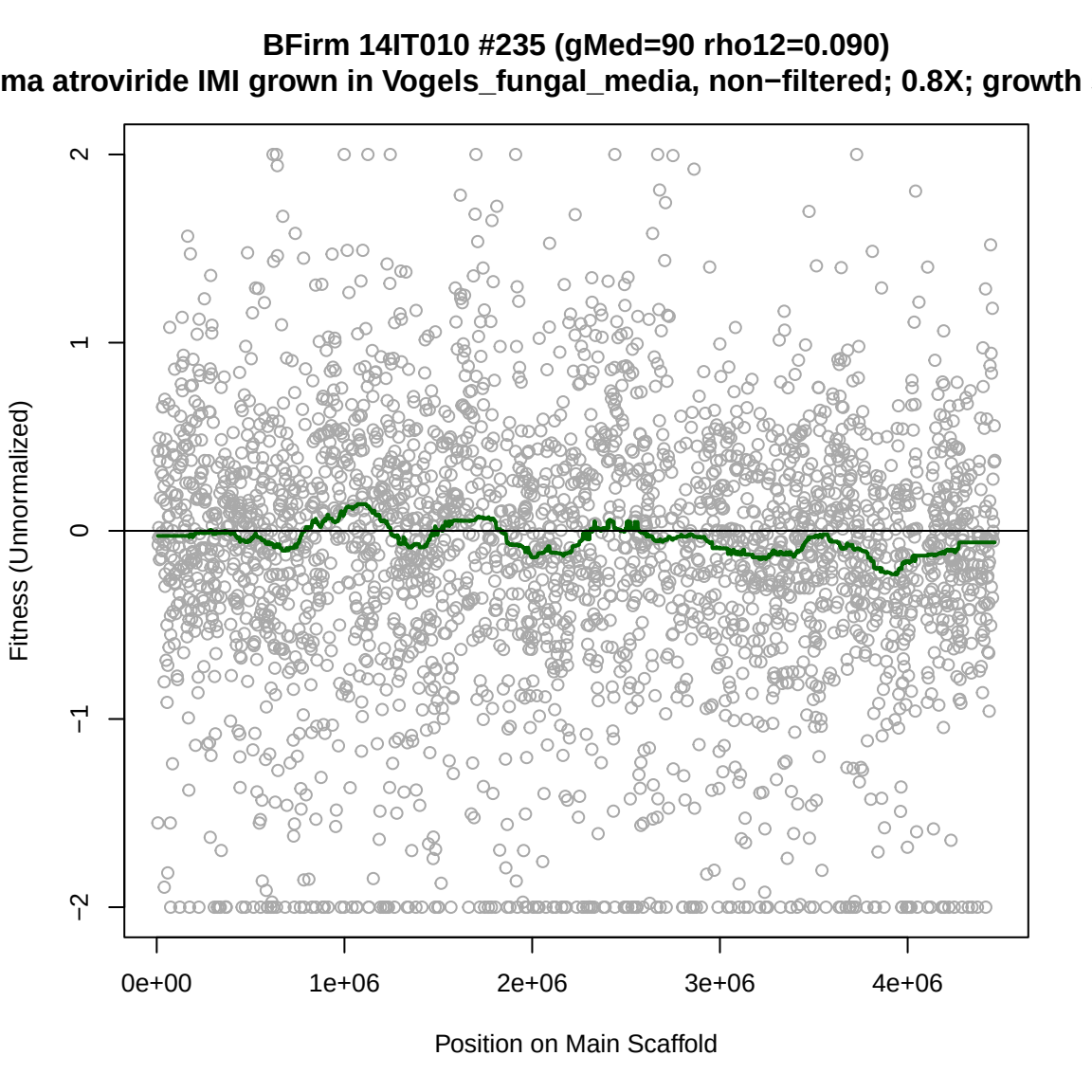

BFirm 14IT005 #230 (gMed=114 rho12=0.125)
Vogels_fungal_media; pH 5.5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

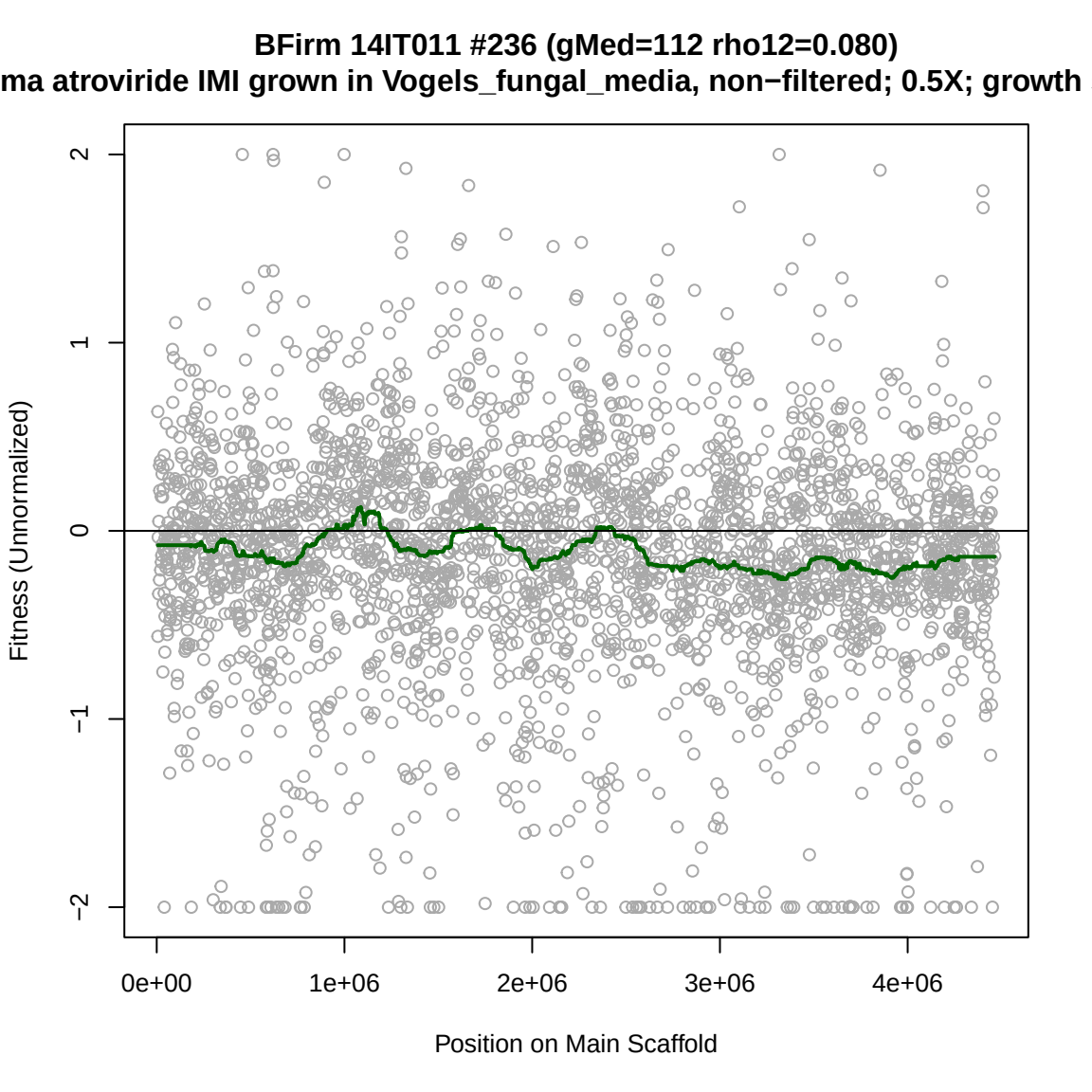

BFirm 14IT006 #231 (gMed=130 rho12=0.129)
Vogels_fungal_media; pH 5.5
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

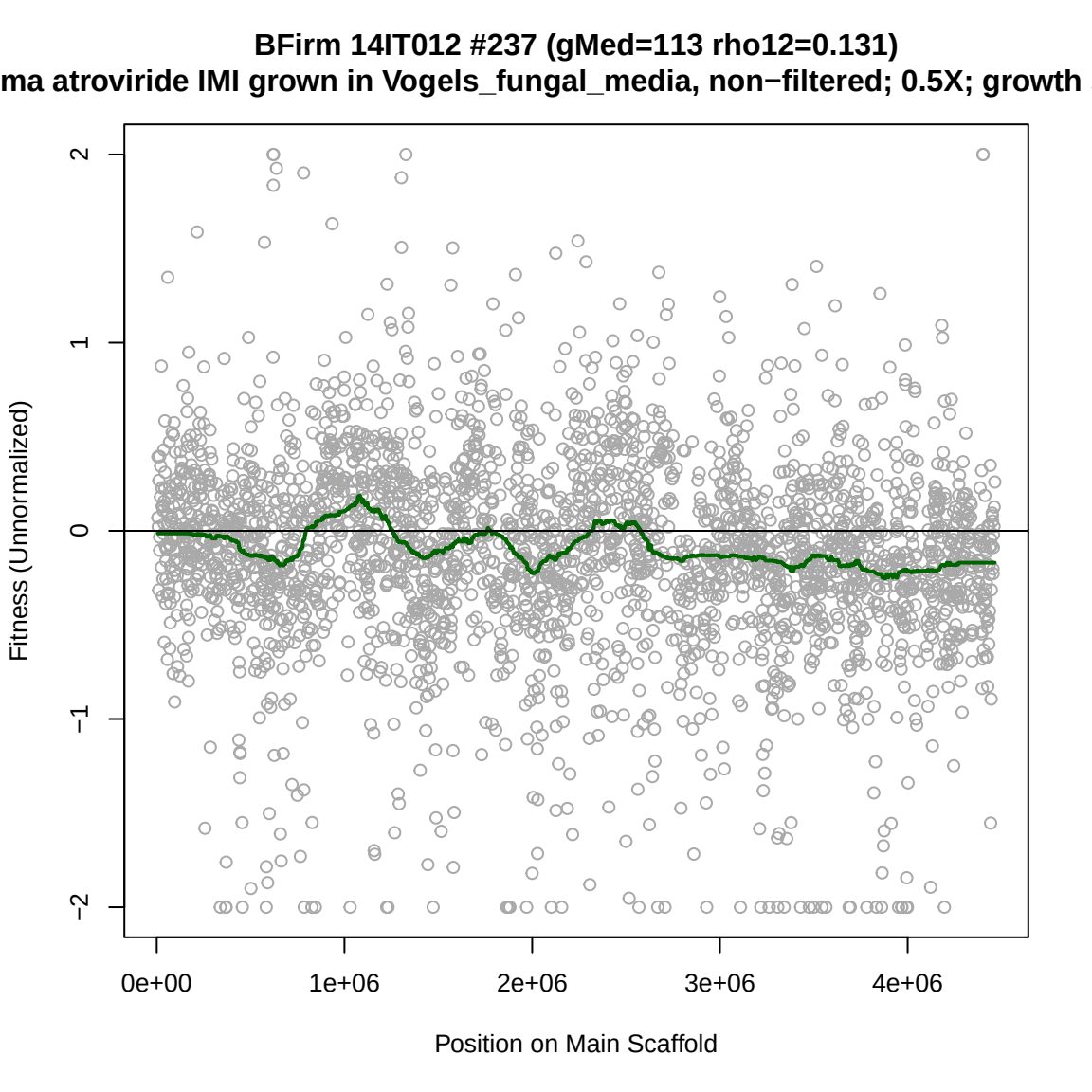

BFirm 14IT007 #232 (gMed=127 rho12=0.196)
ernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, non−filt
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

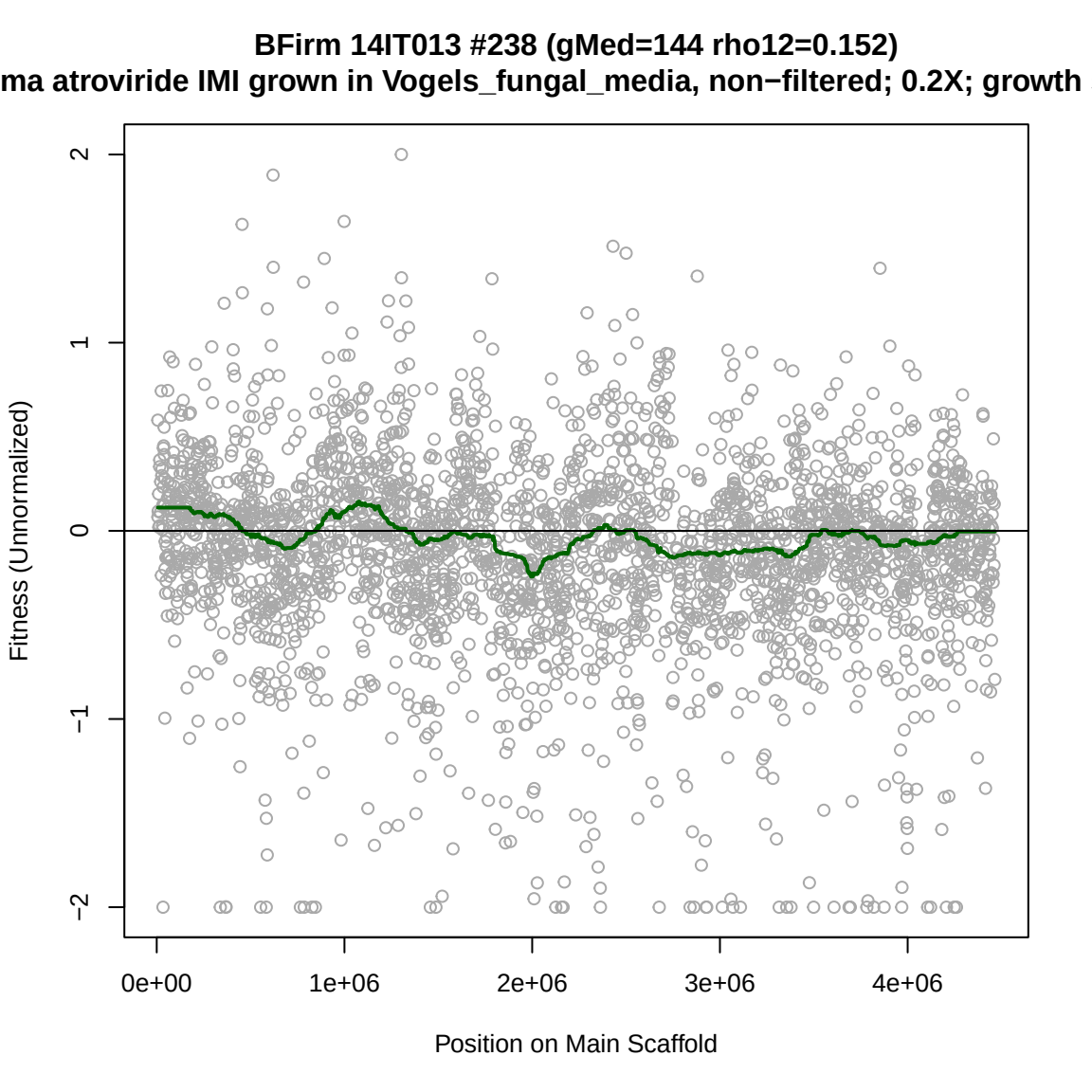

BFirm 14IT008 #233 (gMed=102 rho12=0.147)
ernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, non−filt
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

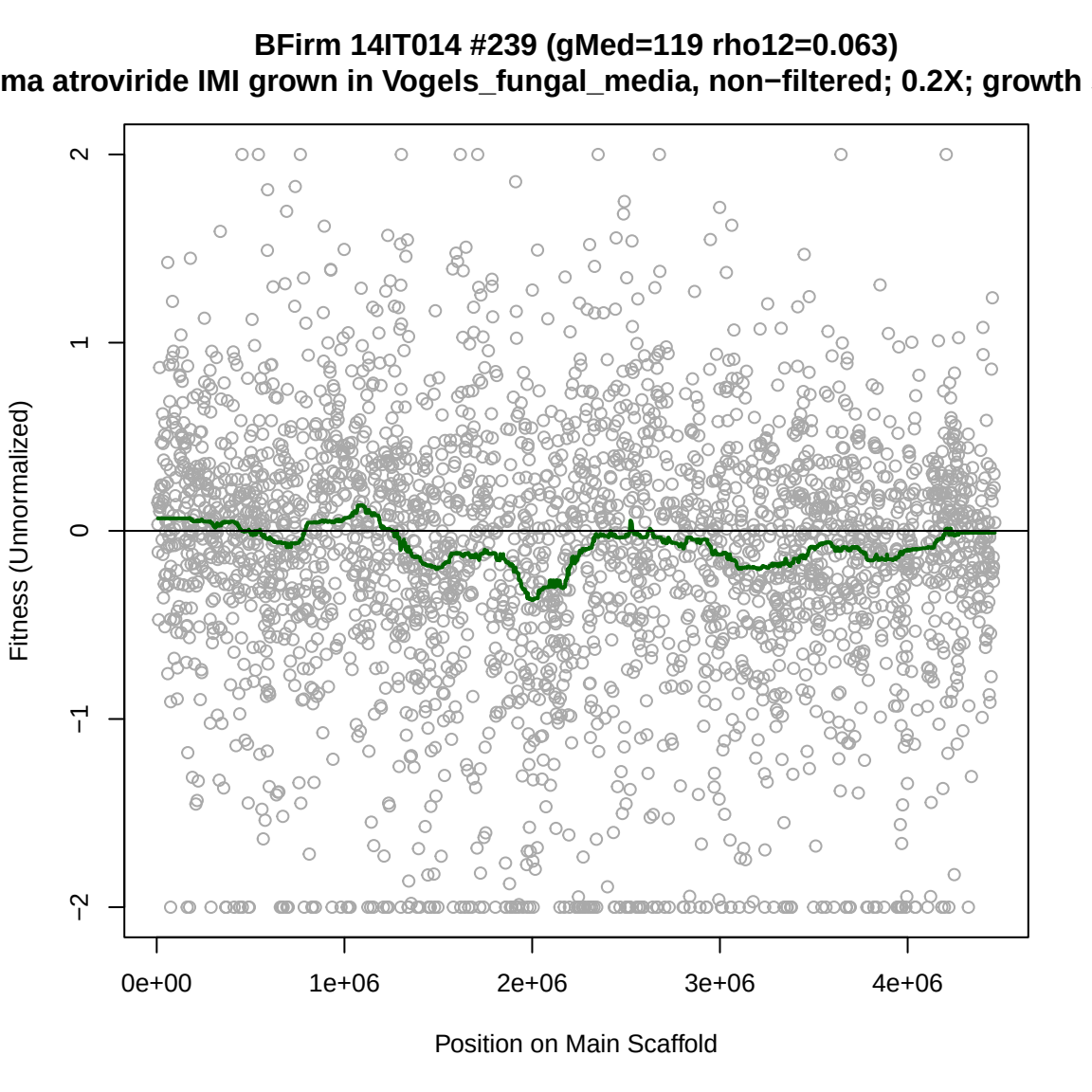

BFirm 14IT009 #234 (gMed=94 rho12=0.099)
ma atroviride IMI grown in Vogels_fungal_media, non−filtered; 0.8X; growth
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

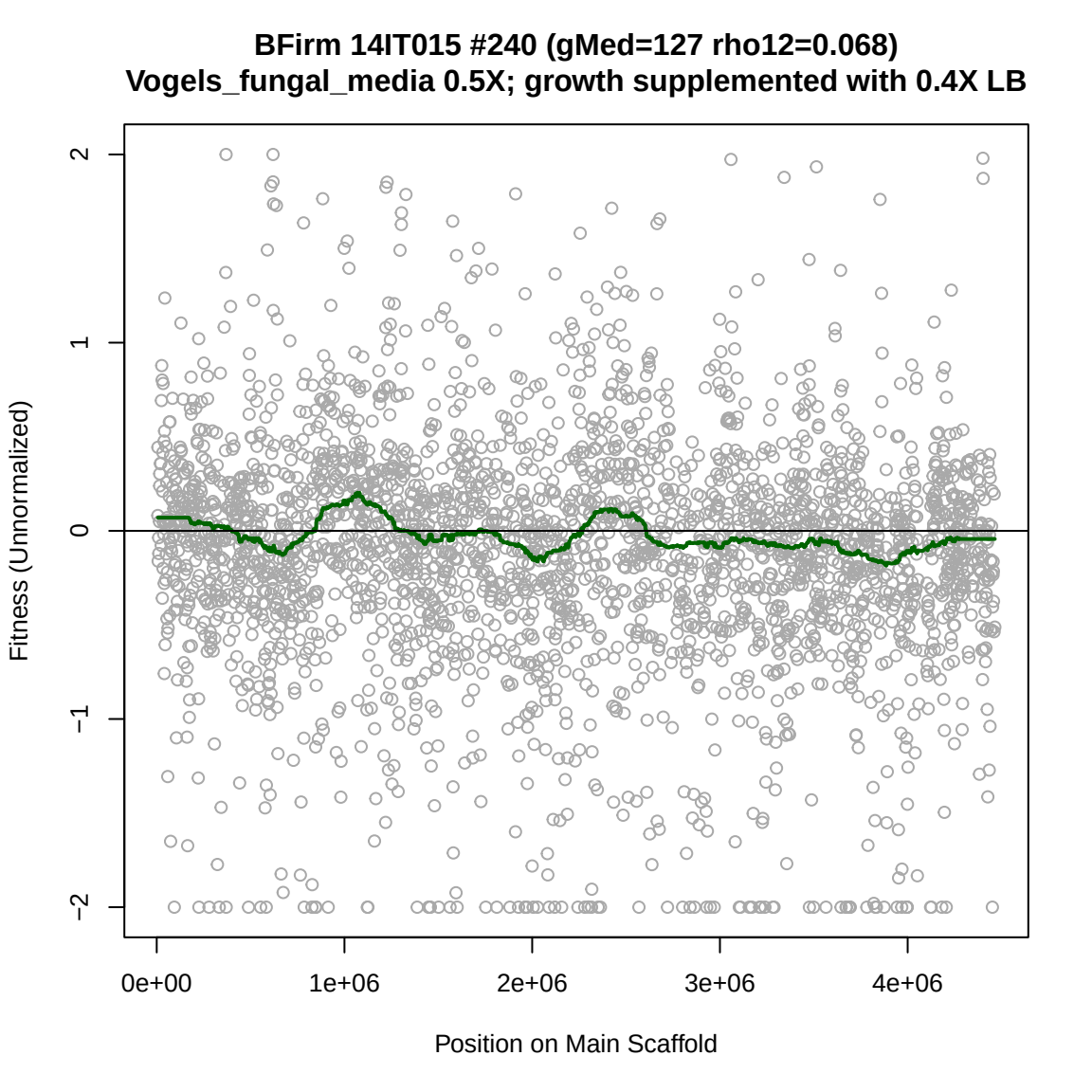

BFirm 14IT010 #235 (gMed=90 rho12=0.090)
ma atroviride IMI grown in Vogels_fungal_media, non−filtered; 0.8X; growth
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

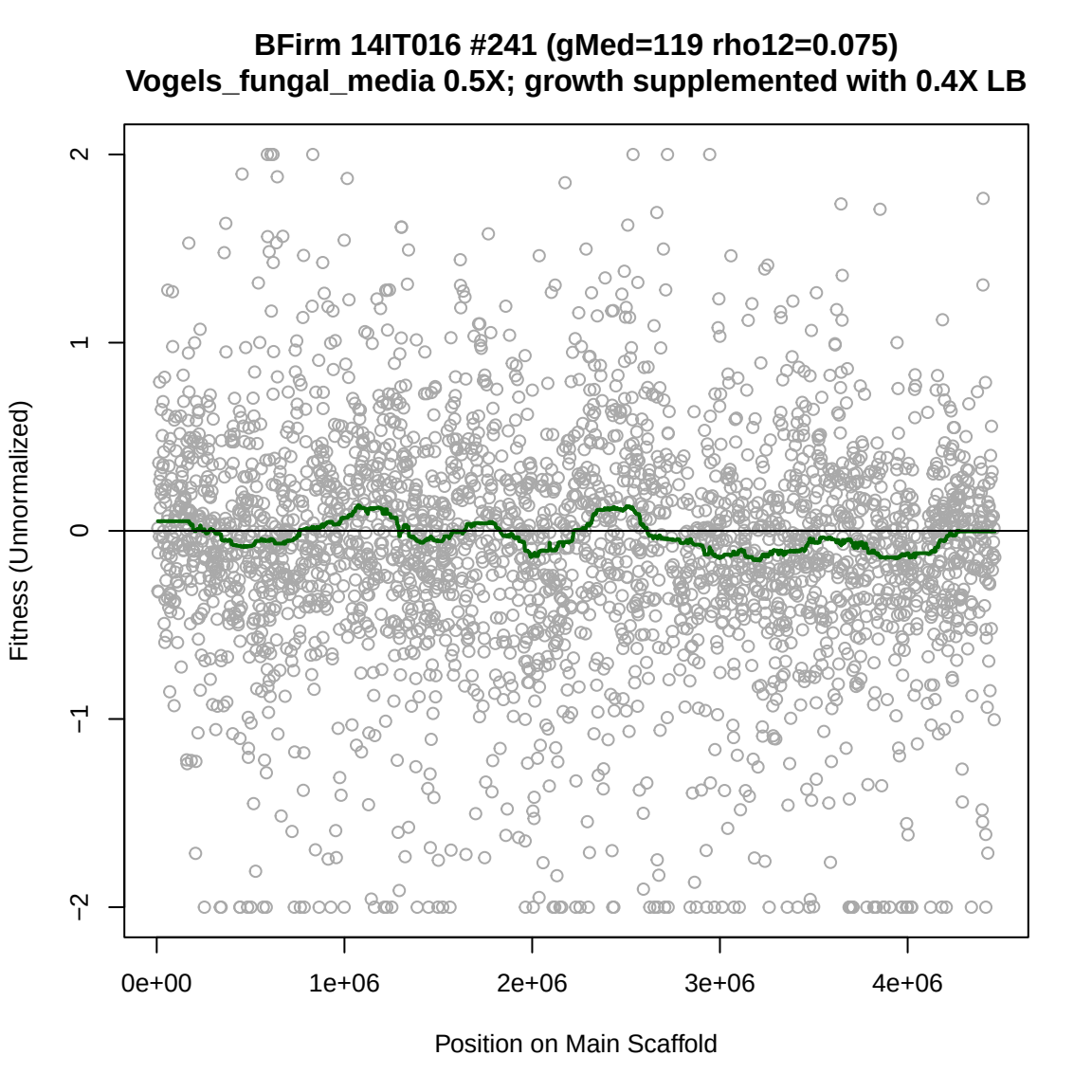

BFirm 14IT011 #236 (gMed=112 rho12=0.080)
ma atroviride IMI grown in Vogels_fungal_media, non−filtered; 0.5X; growth
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

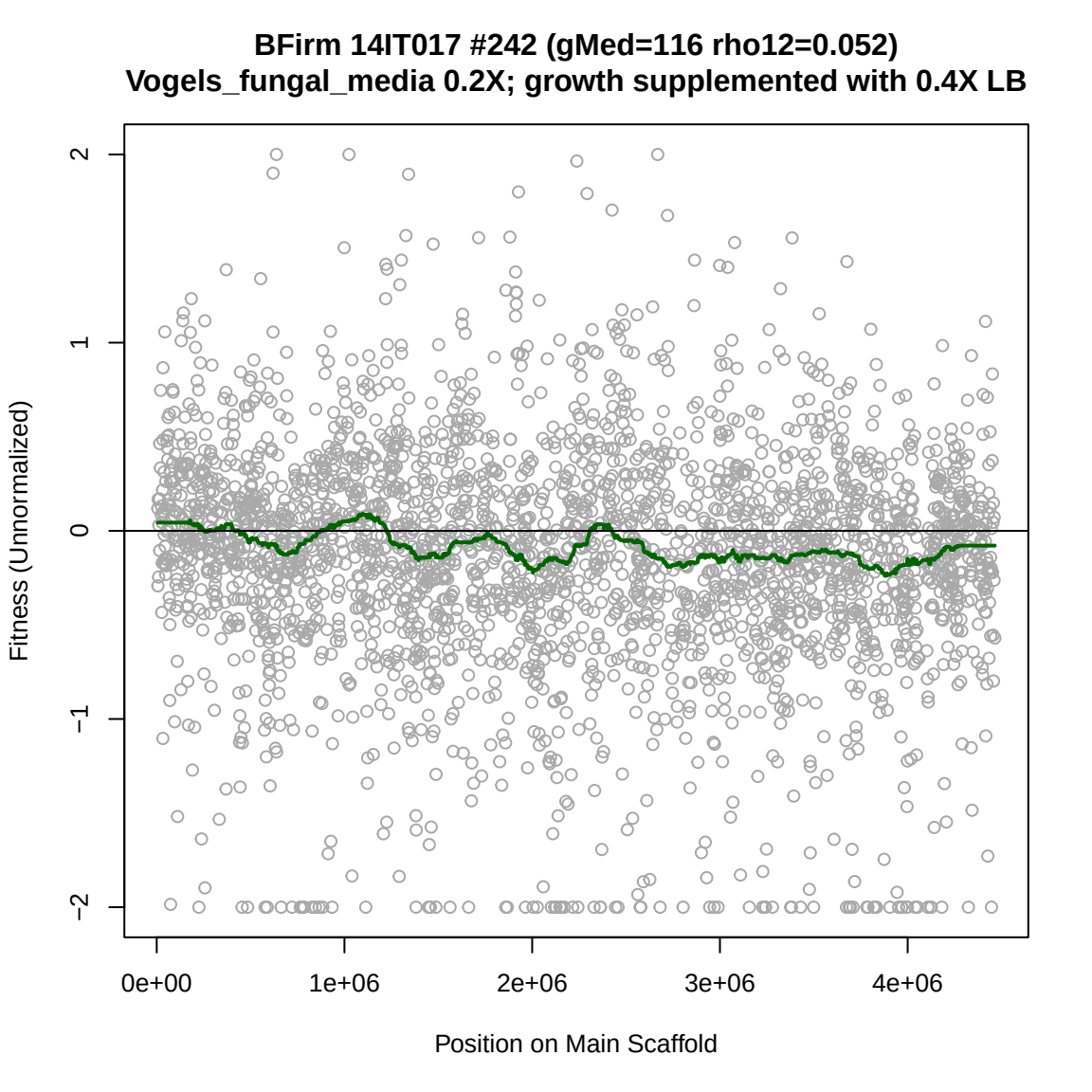

BFirm 14IT012 #237 (gMed=113 rho12=0.131)
ma atroviride IMI grown in Vogels_fungal_media, non−filtered; 0.5X; growth
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

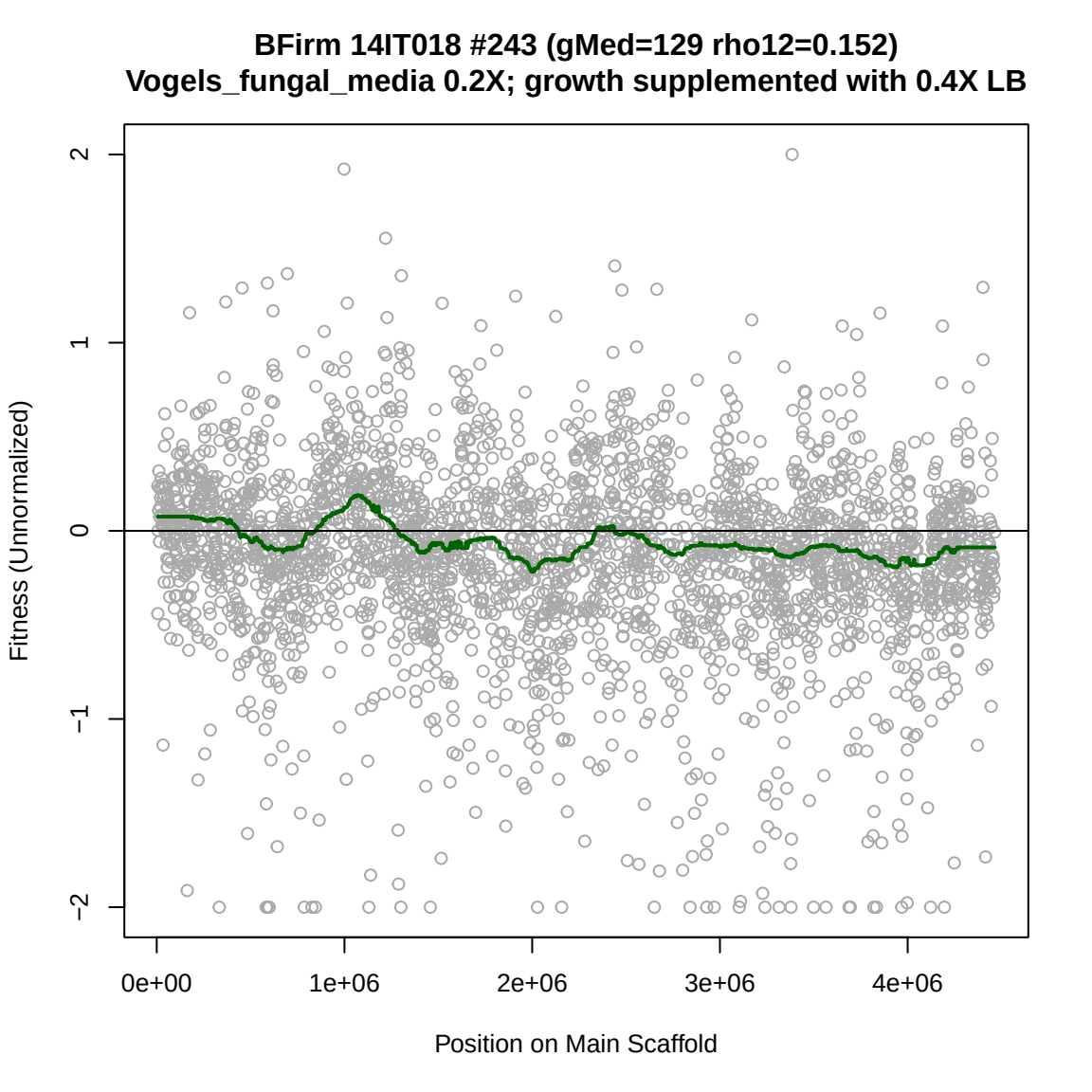

BFirm 14IT013 #238 (gMed=144 rho12=0.152)
ma atroviride IMI grown in Vogels_fungal_media, non−filtered; 0.2X; growth
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

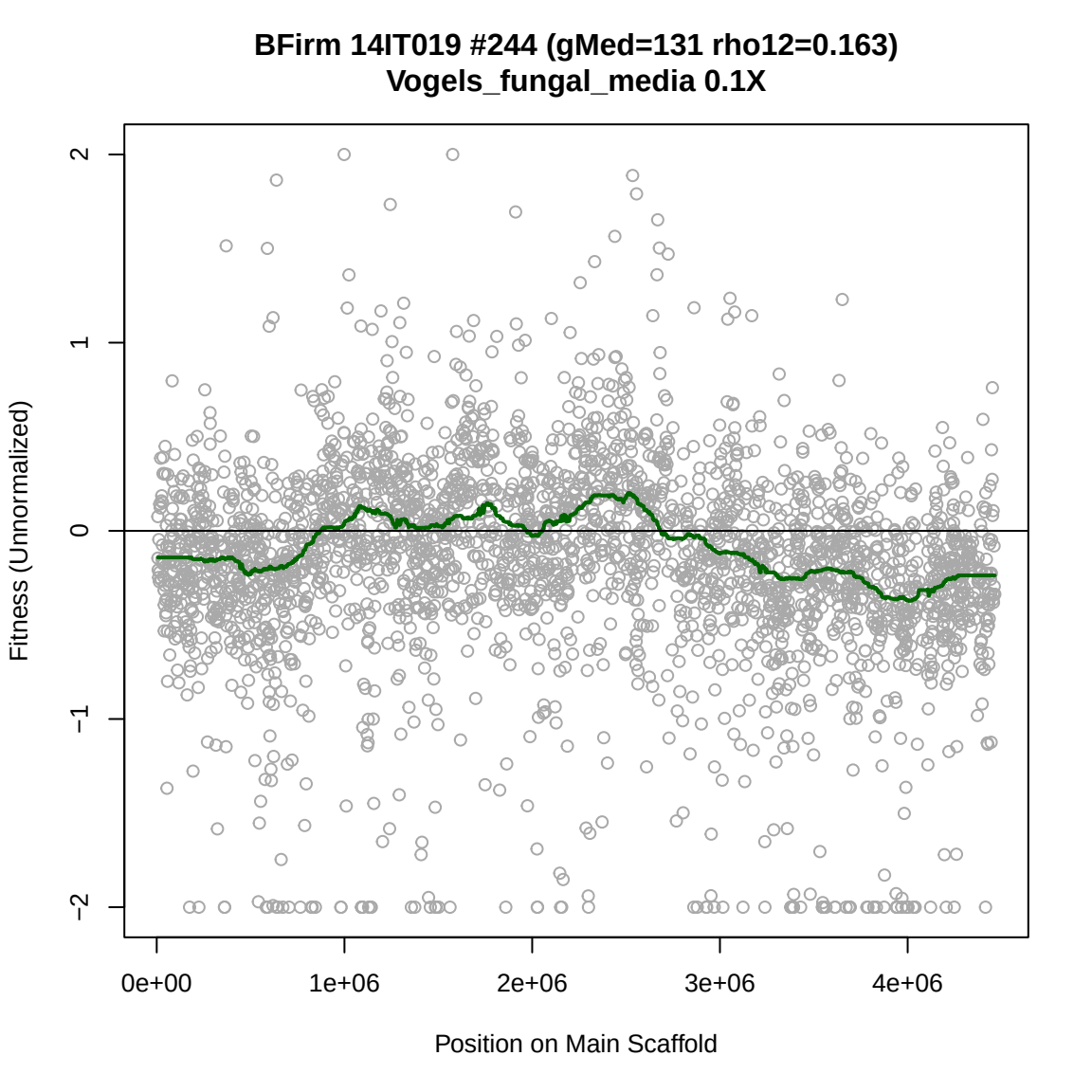

BFirm 14IT014 #239 (gMed=119 rho12=0.063)
ma atroviride IMI grown in Vogels_fungal_media, non−filtered; 0.2X; growth
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

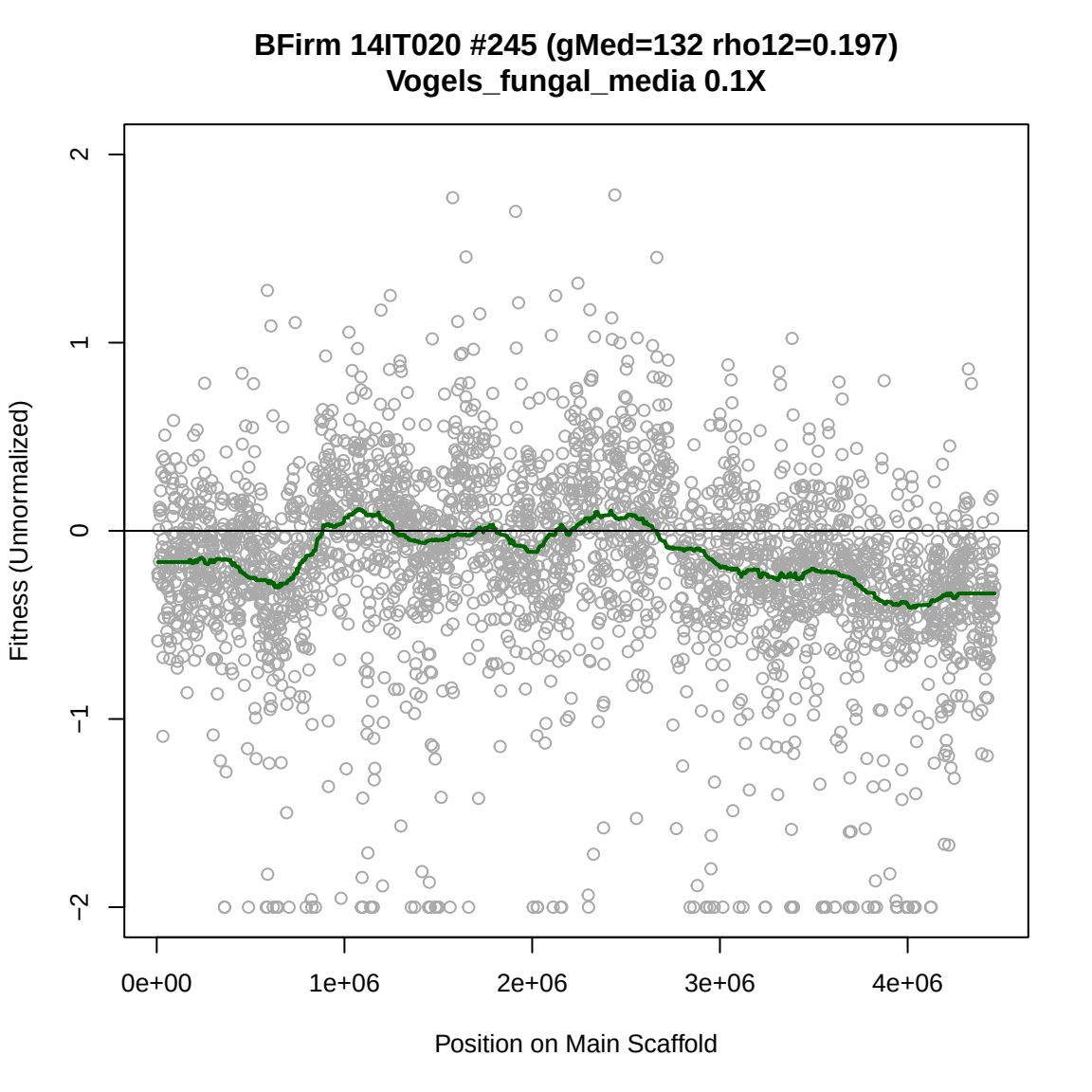

BFirm 14IT015 #240 (gMed=127 rho12=0.068)
Vogels_fungal_media 0.5X; growth supplemented with 0.4X LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

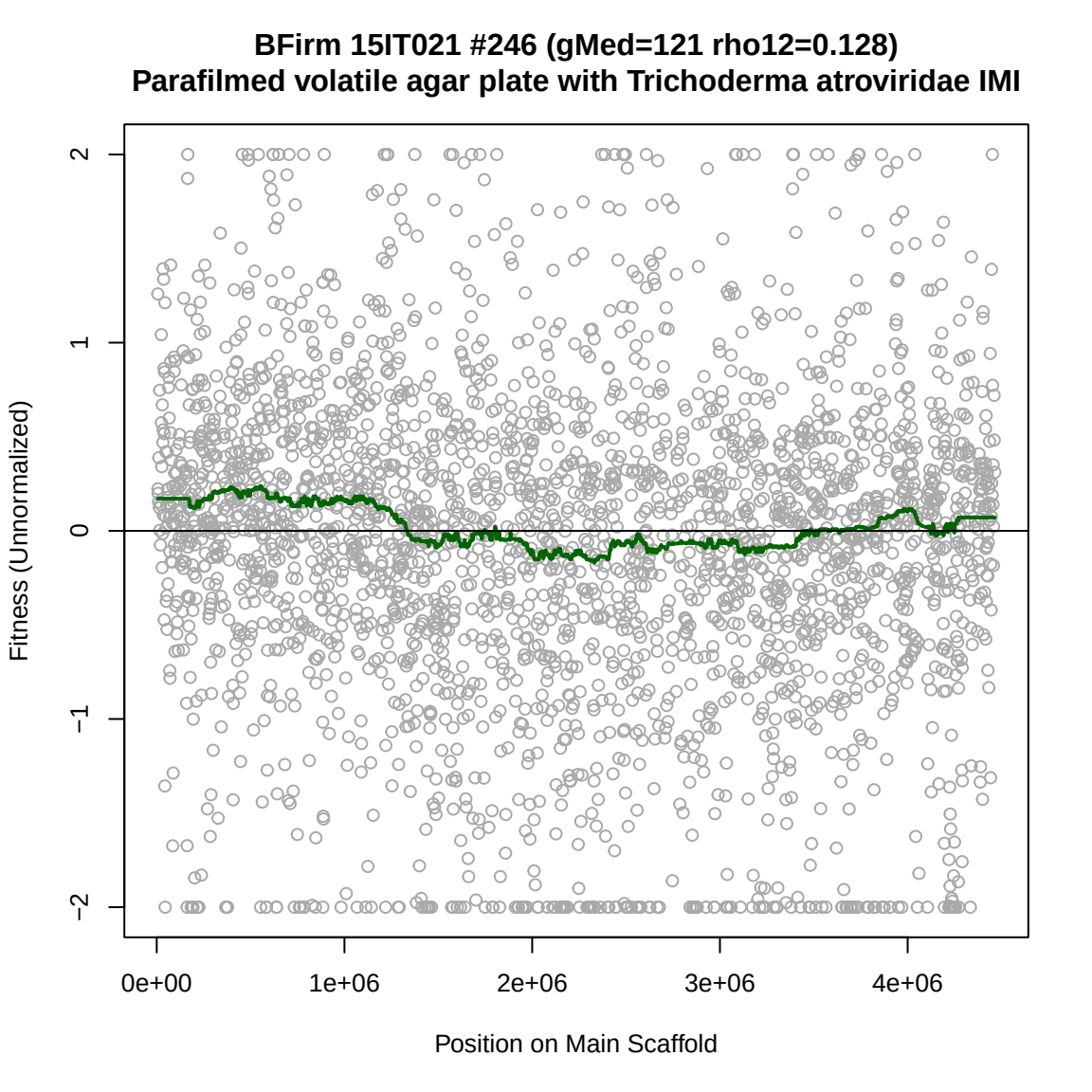

BFirm 14IT016 #241 (gMed=119 rho12=0.075)
Vogels_fungal_media 0.5X; growth supplemented with 0.4X LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

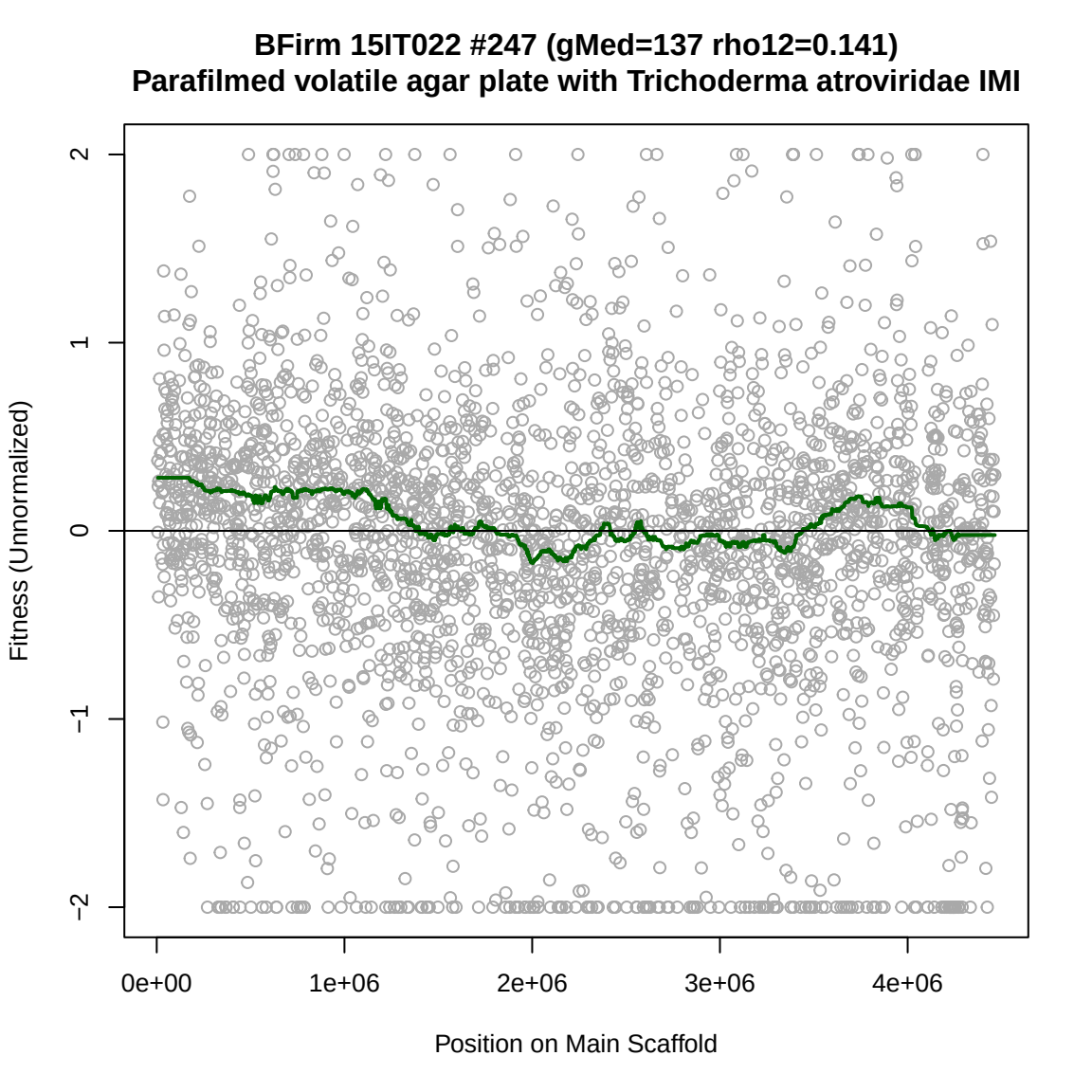

BFirm 14IT017 #242 (gMed=116 rho12=0.052)
Vogels_fungal_media 0.2X; growth supplemented with 0.4X LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

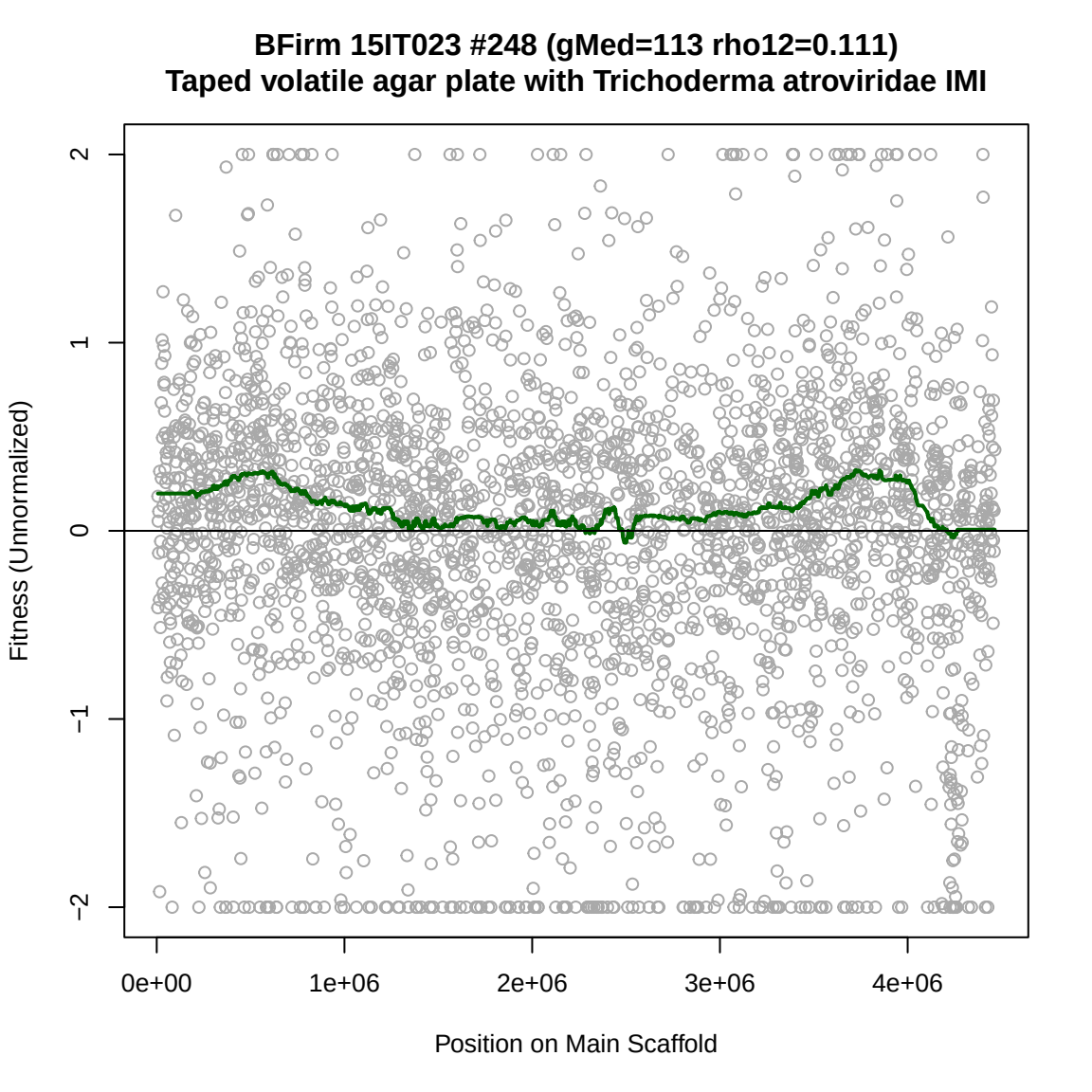

BFirm 14IT018 #243 (gMed=129 rho12=0.152)
Vogels_fungal_media 0.2X; growth supplemented with 0.4X LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

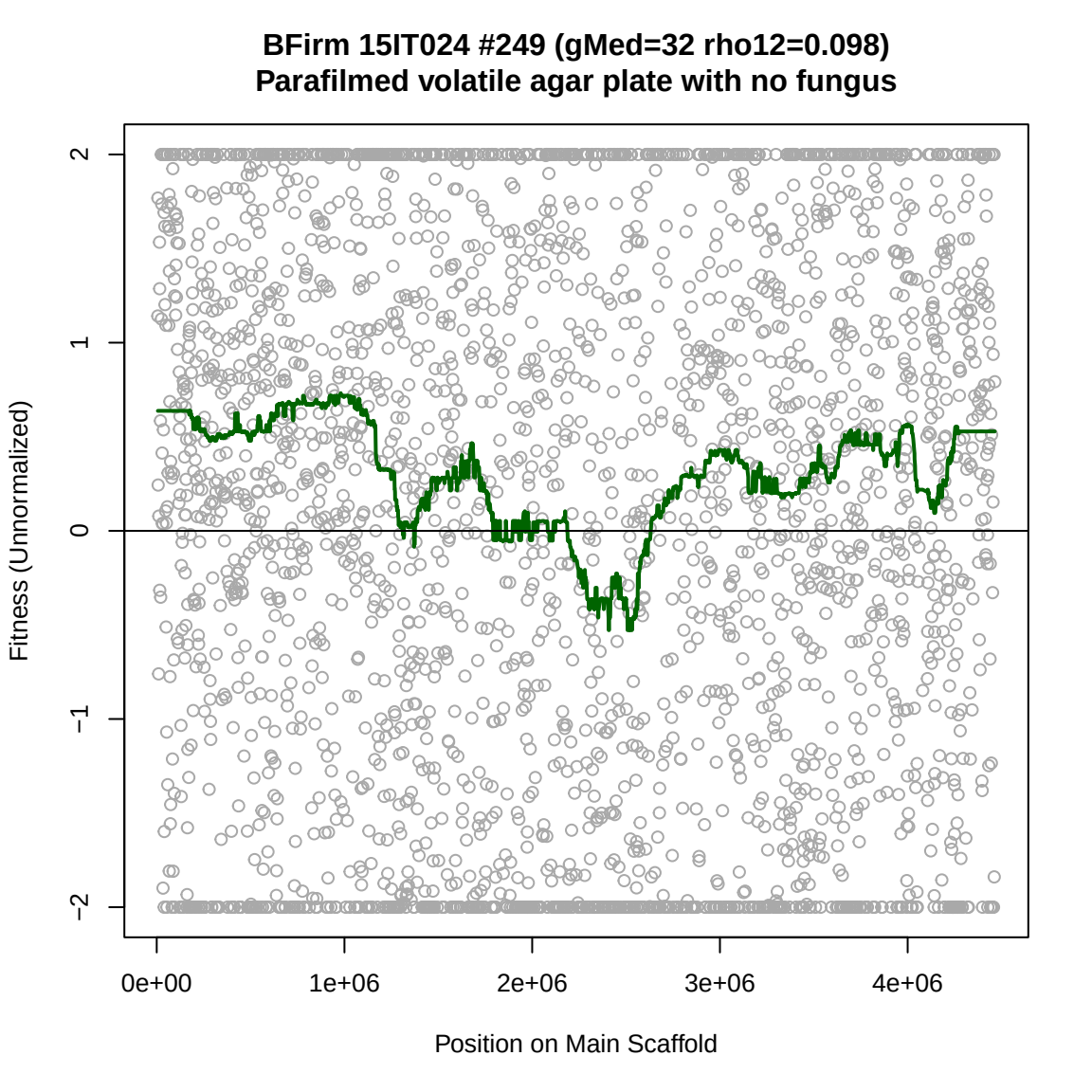

BFirm 14IT019 #244 (gMed=131 rho12=0.163)
Vogels_fungal_media 0.1X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

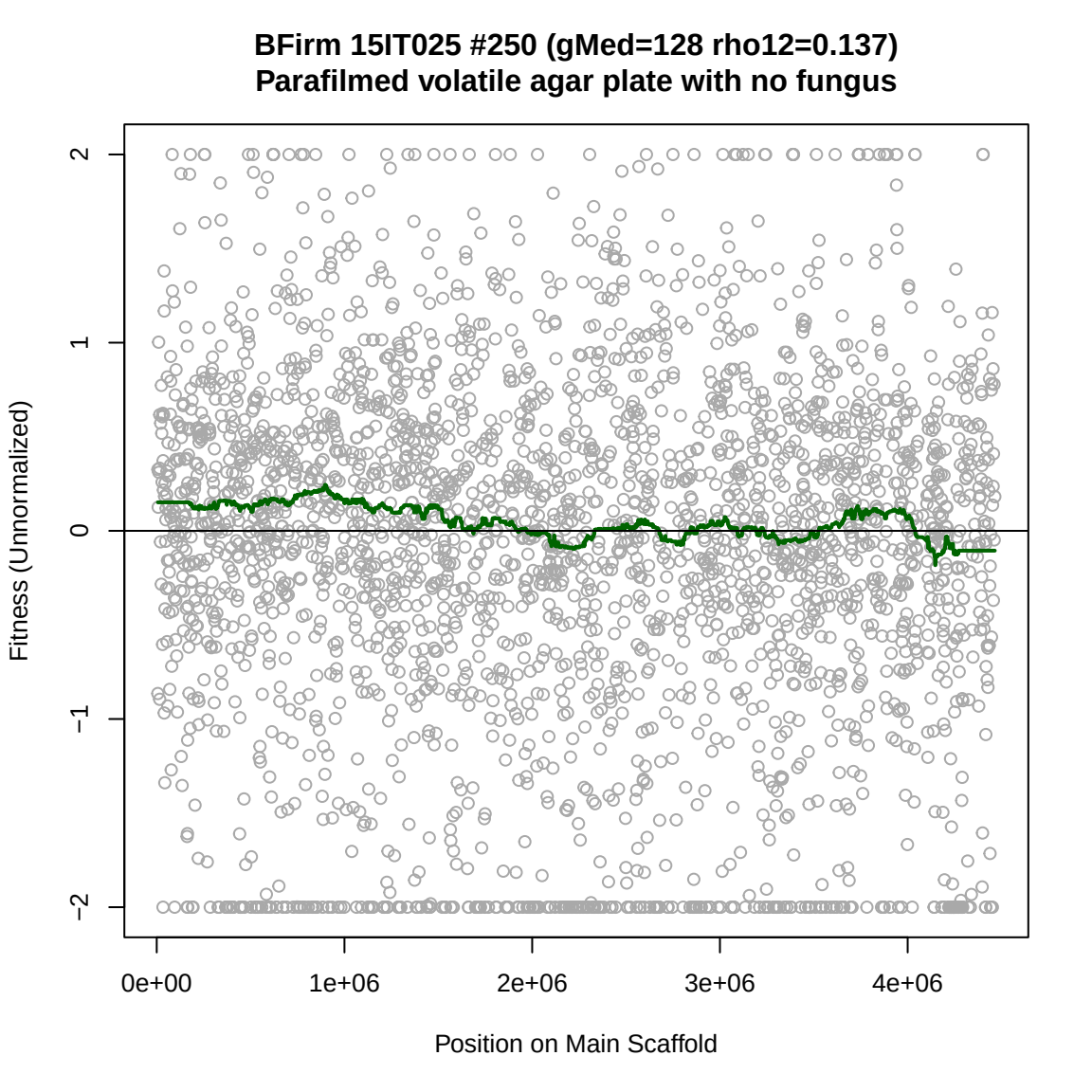

BFirm 14IT020 #245 (gMed=132 rho12=0.197)
Vogels_fungal_media 0.1X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

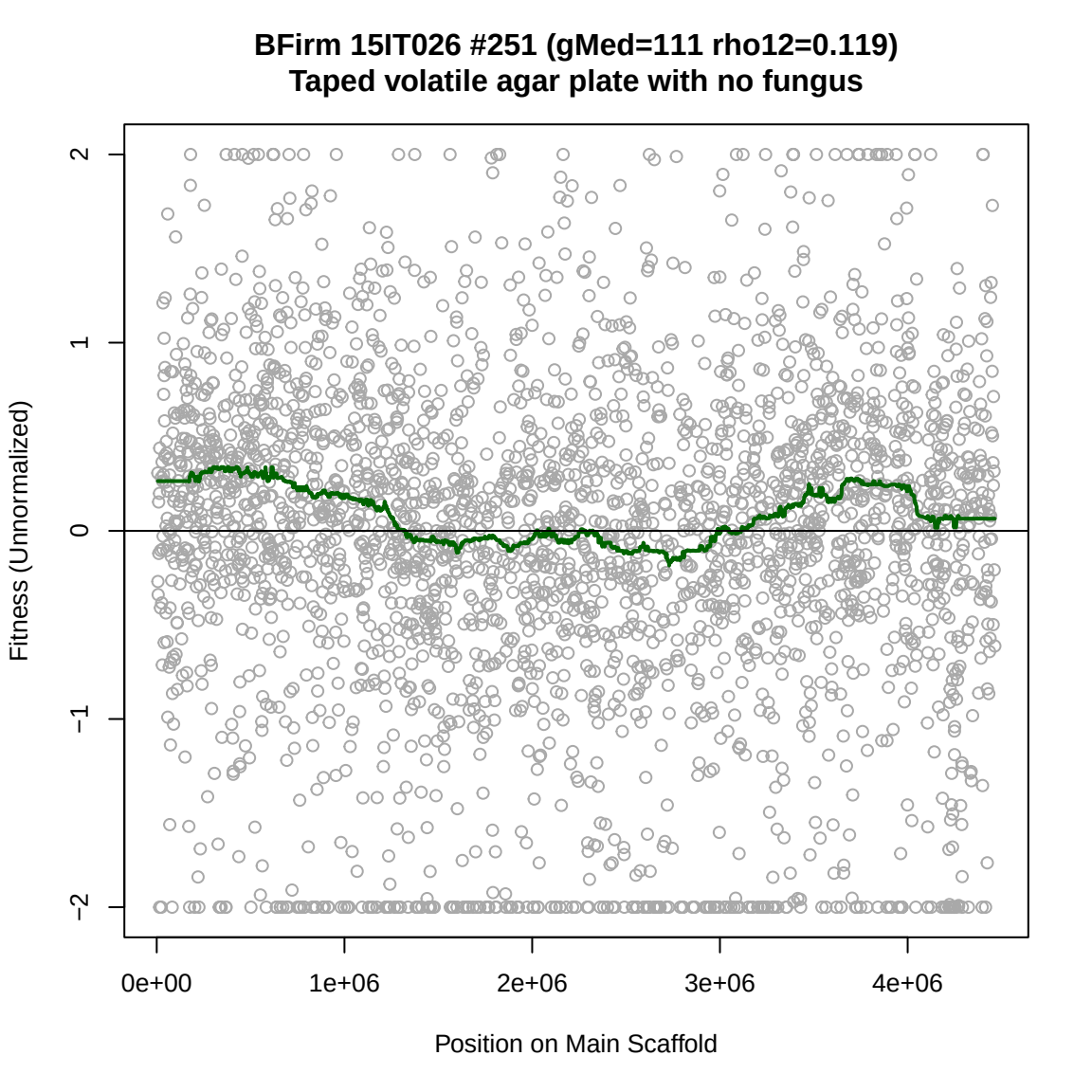

BFirm 15IT021 #246 (gMed=121 rho12=0.128)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

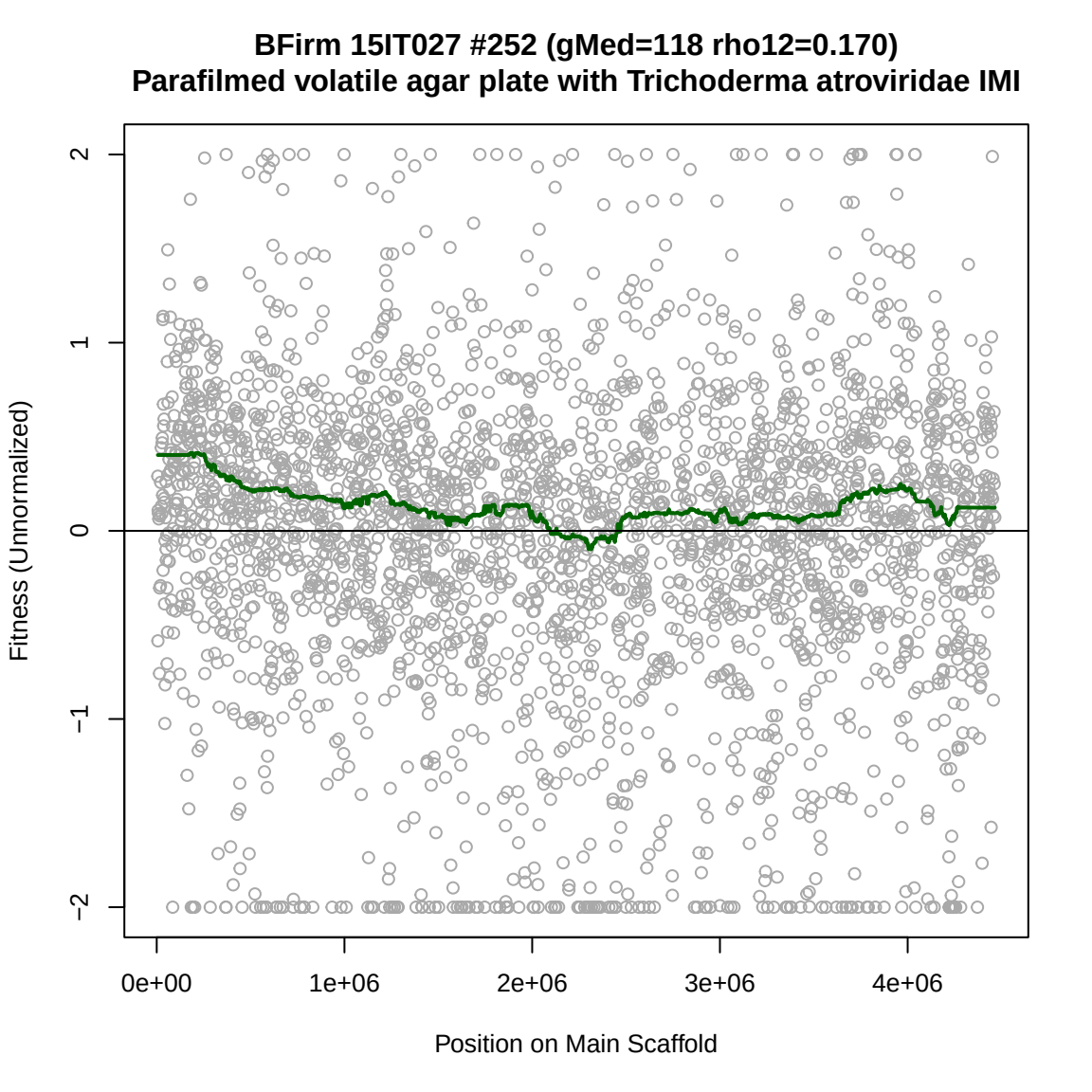

BFirm 15IT022 #247 (gMed=137 rho12=0.141)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

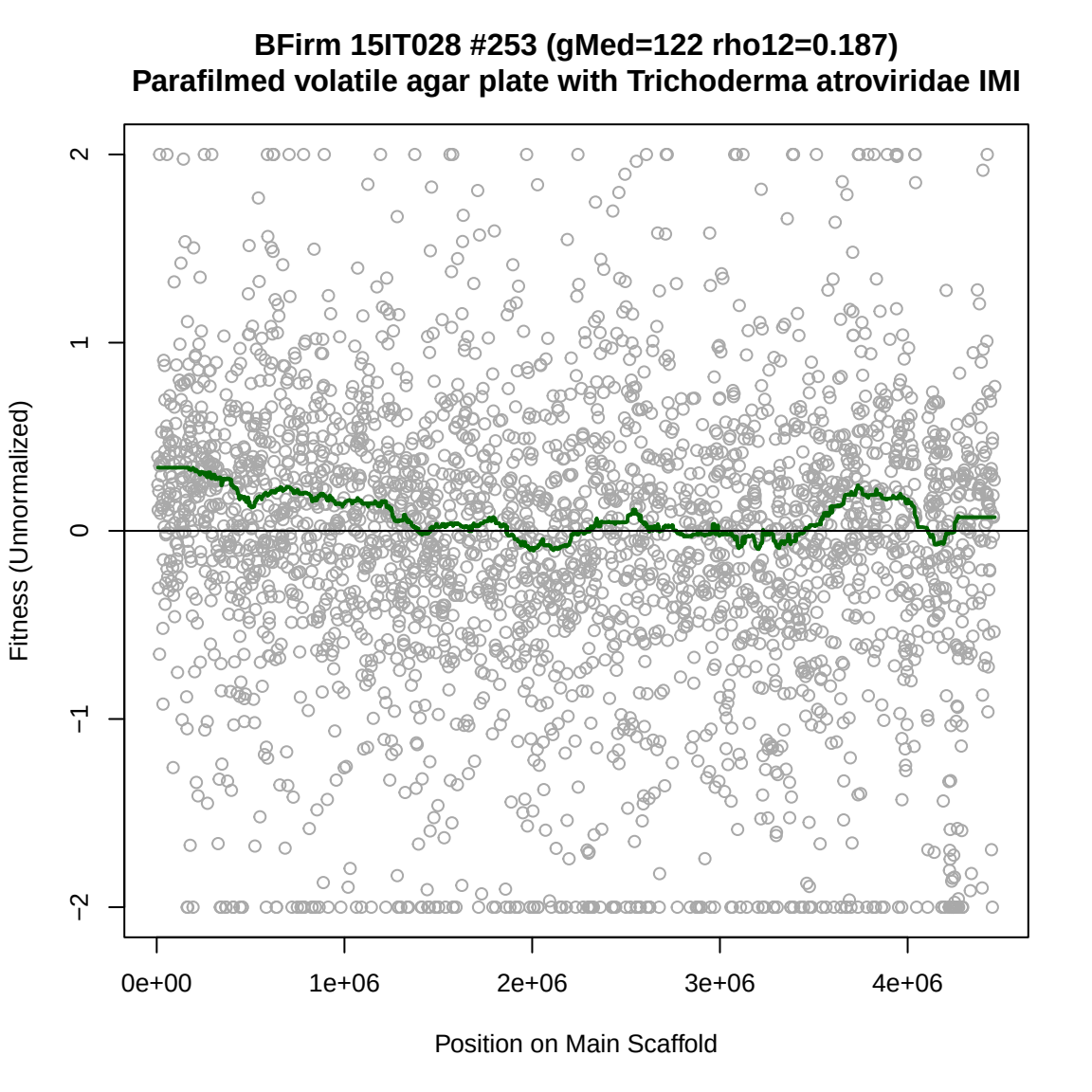

BFirm 15IT023 #248 (gMed=113 rho12=0.111)
Taped volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

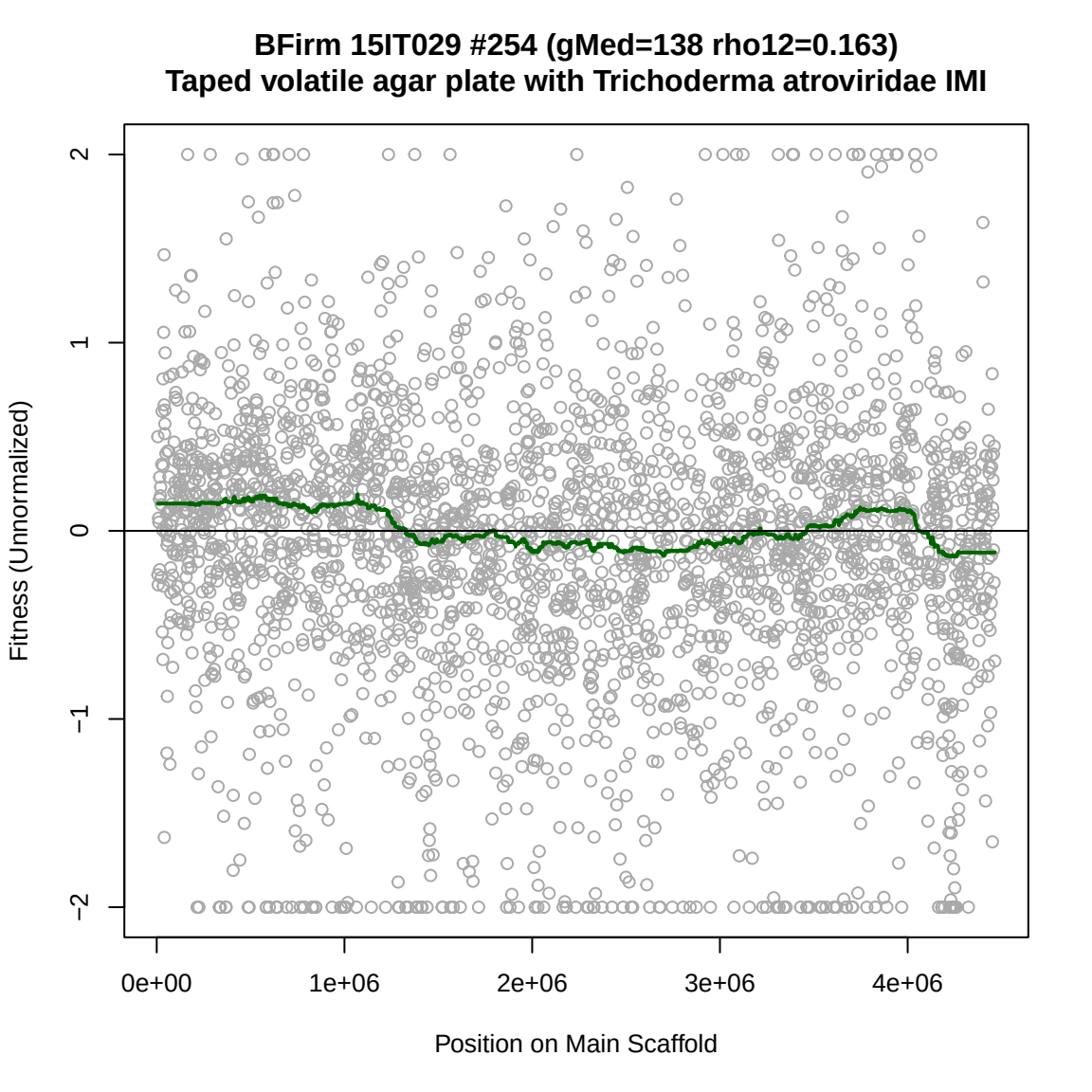

BFirm 15IT024 #249 (gMed=32 rho12=0.098)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

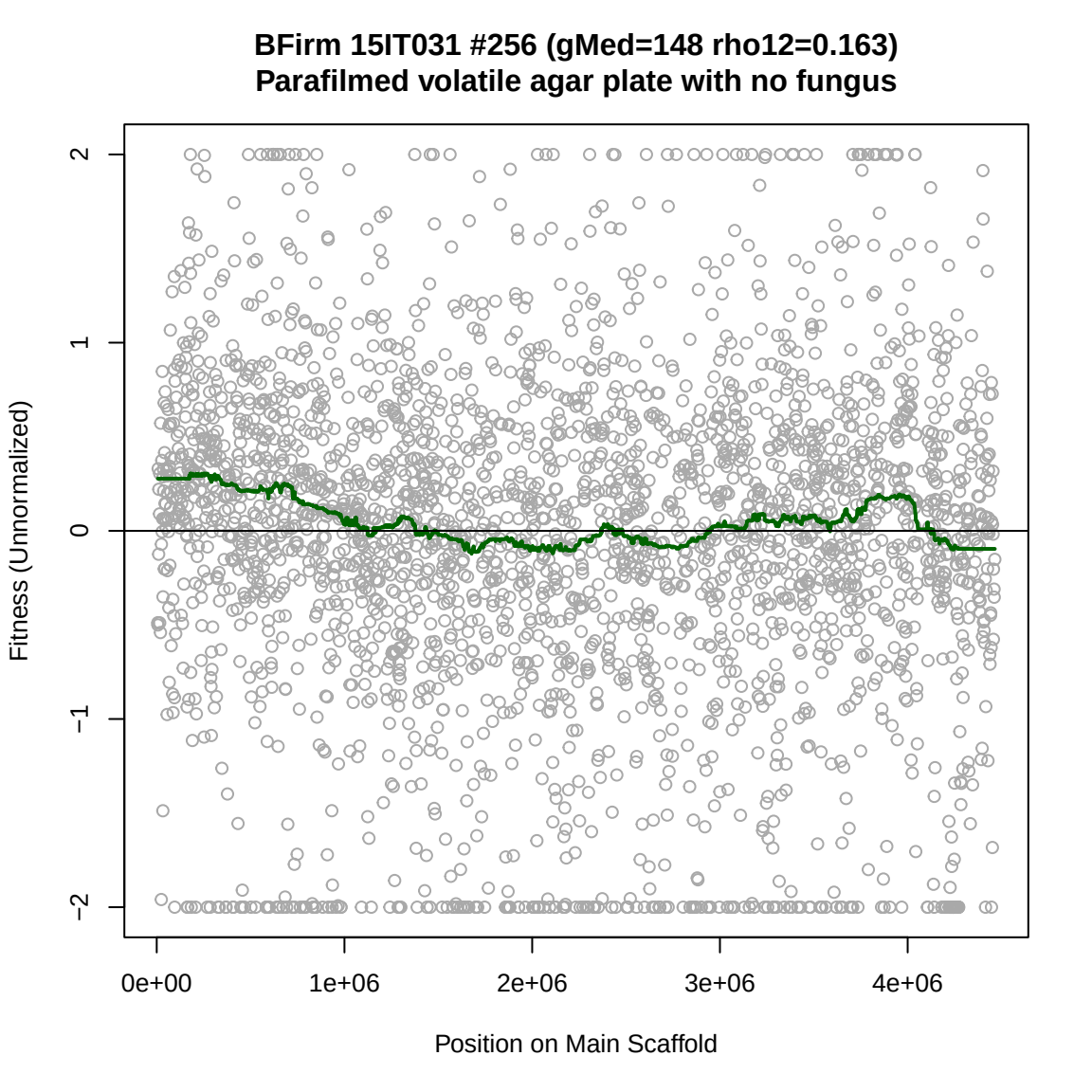

BFirm 15IT025 #250 (gMed=128 rho12=0.137)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

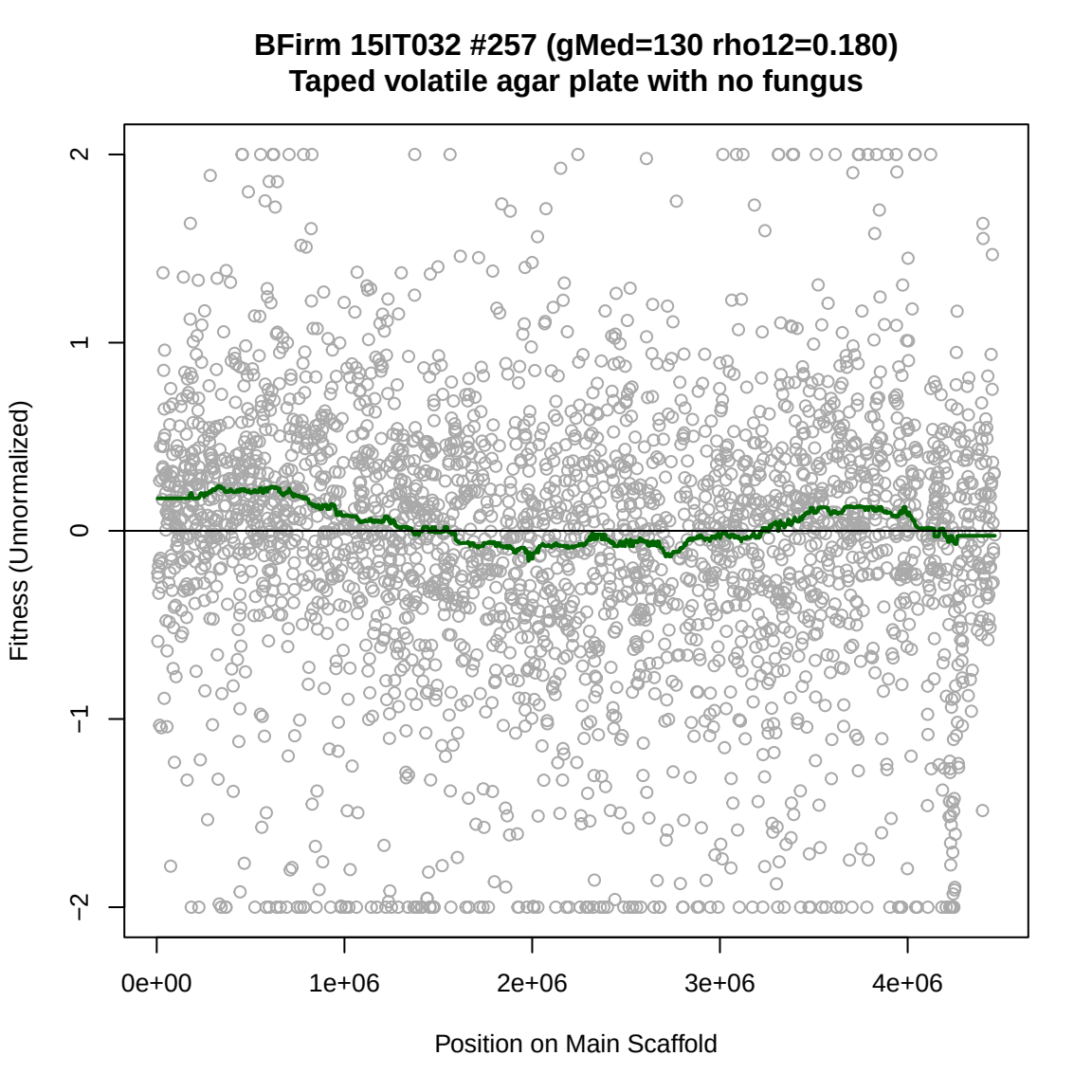

BFirm 15IT026 #251 (gMed=111 rho12=0.119)
Taped volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

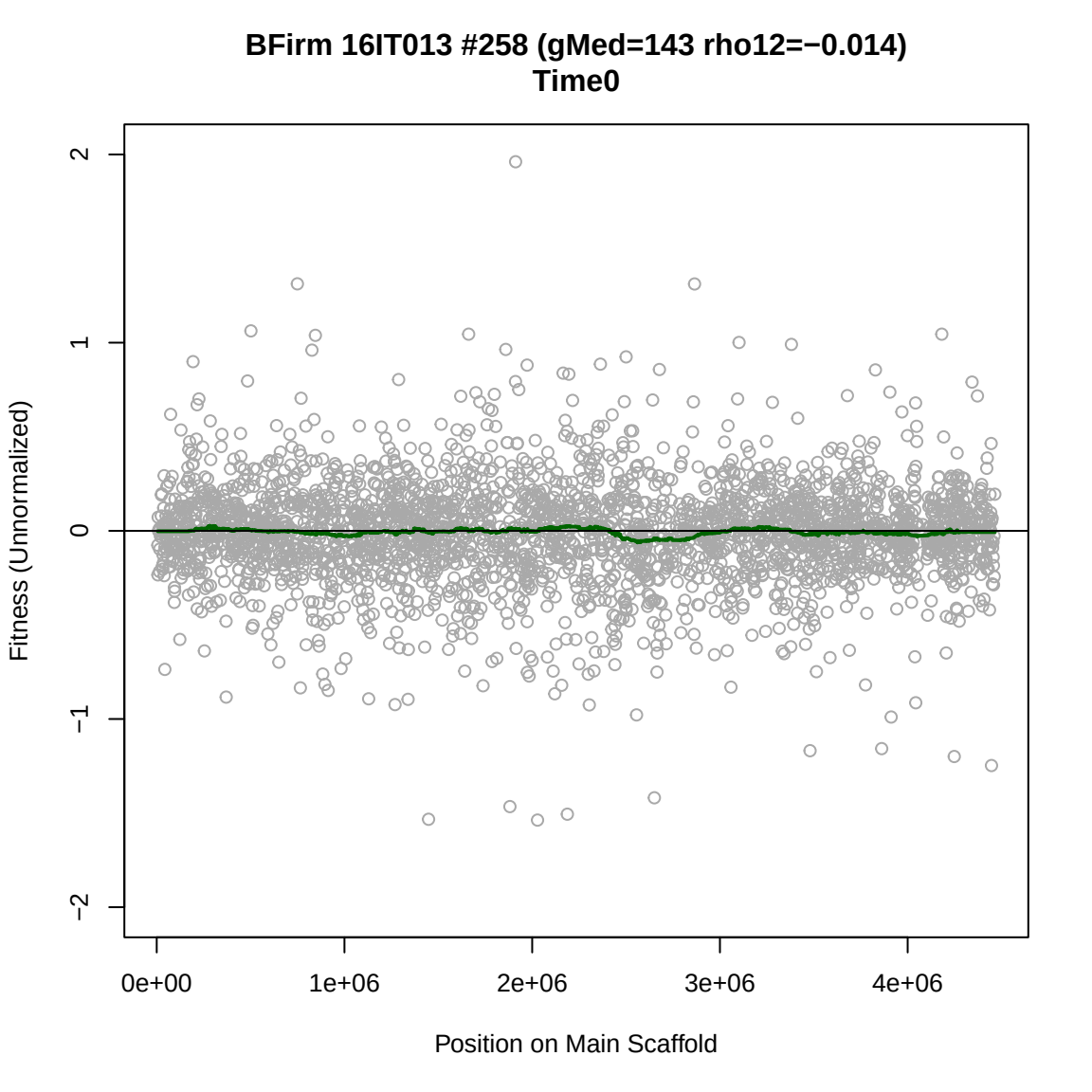

BFirm 15IT027 #252 (gMed=118 rho12=0.170)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

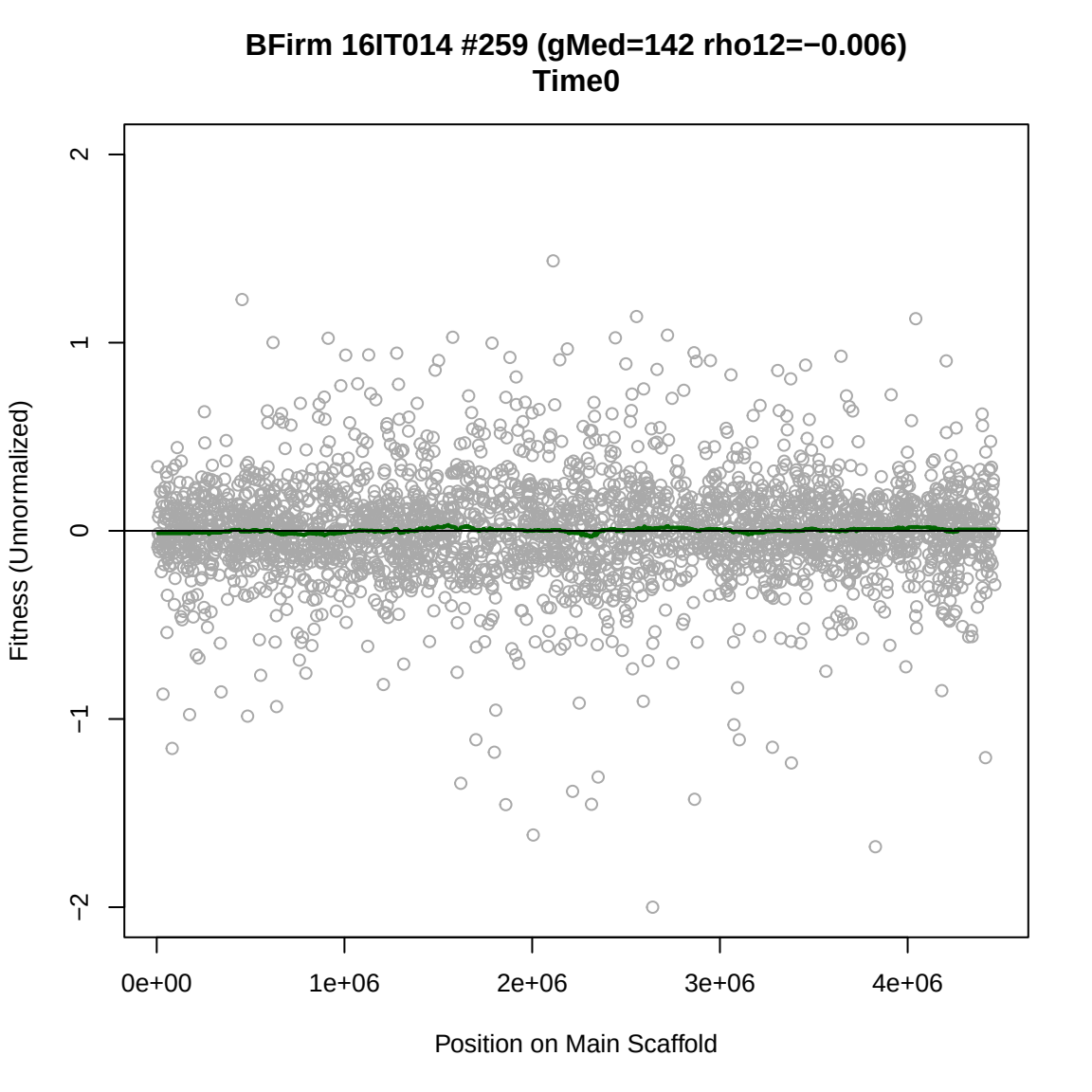

BFirm 15IT028 #253 (gMed=122 rho12=0.187)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

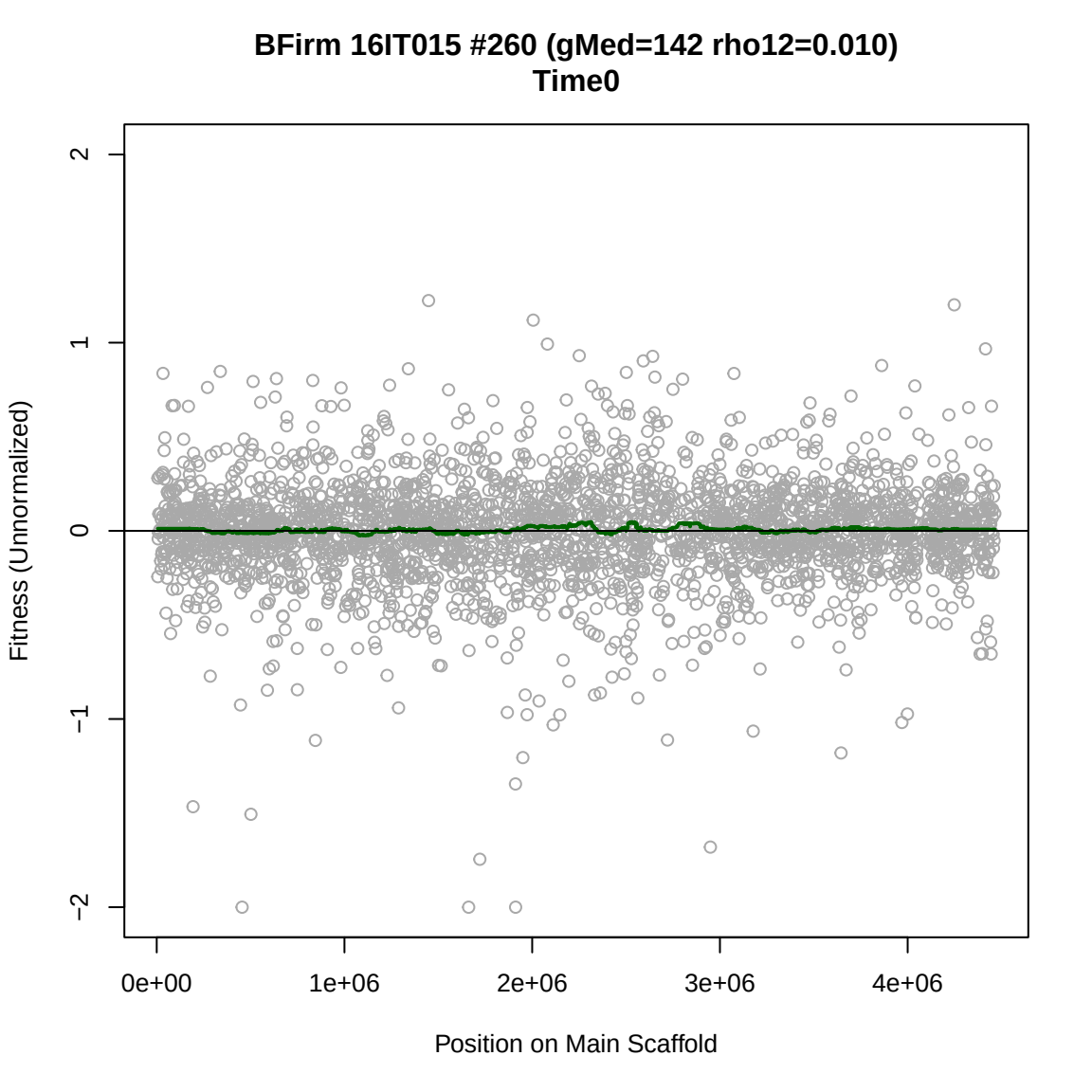

BFirm 15IT029 #254 (gMed=138 rho12=0.163)
Taped volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

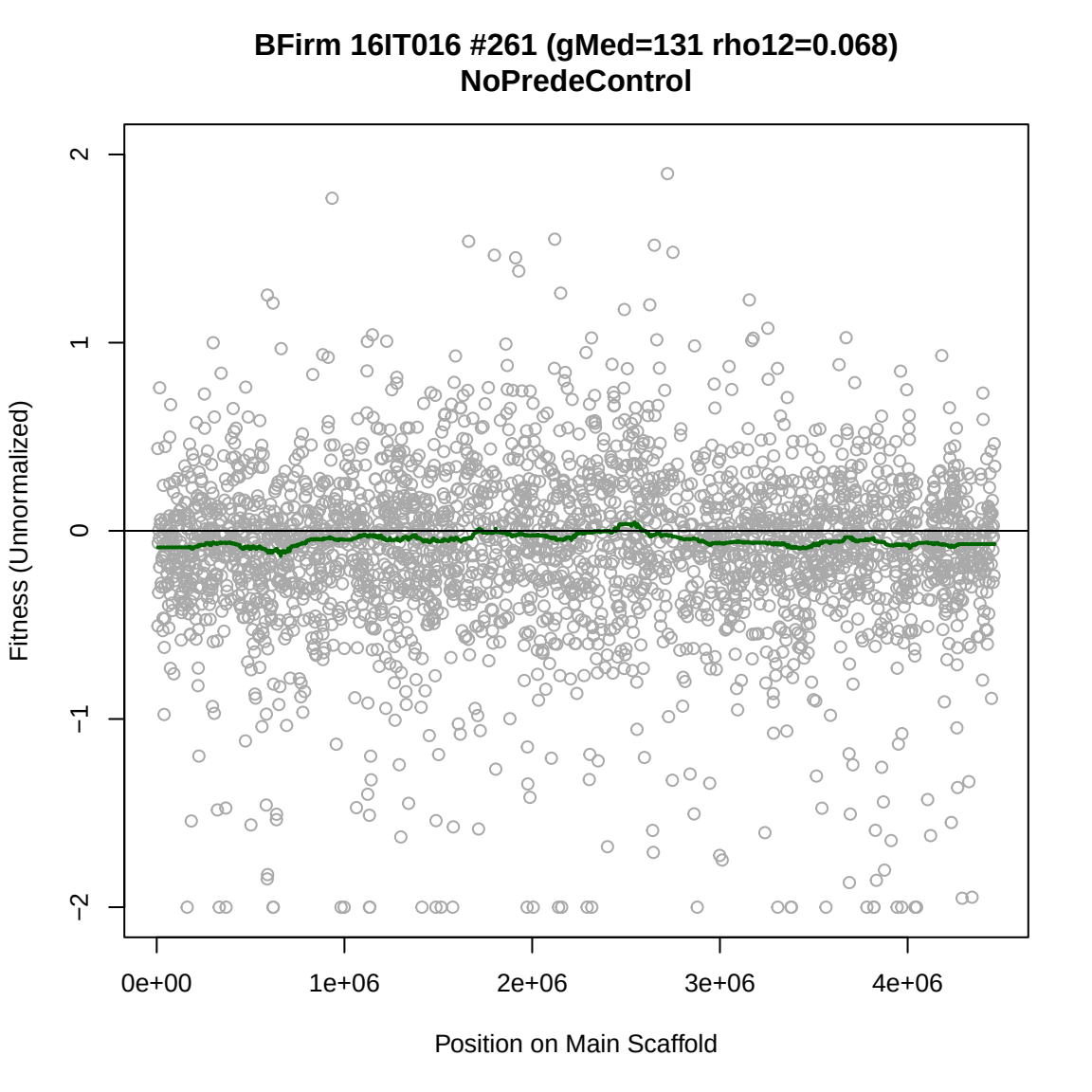

BFirm 15IT031 #256 (gMed=148 rho12=0.163)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

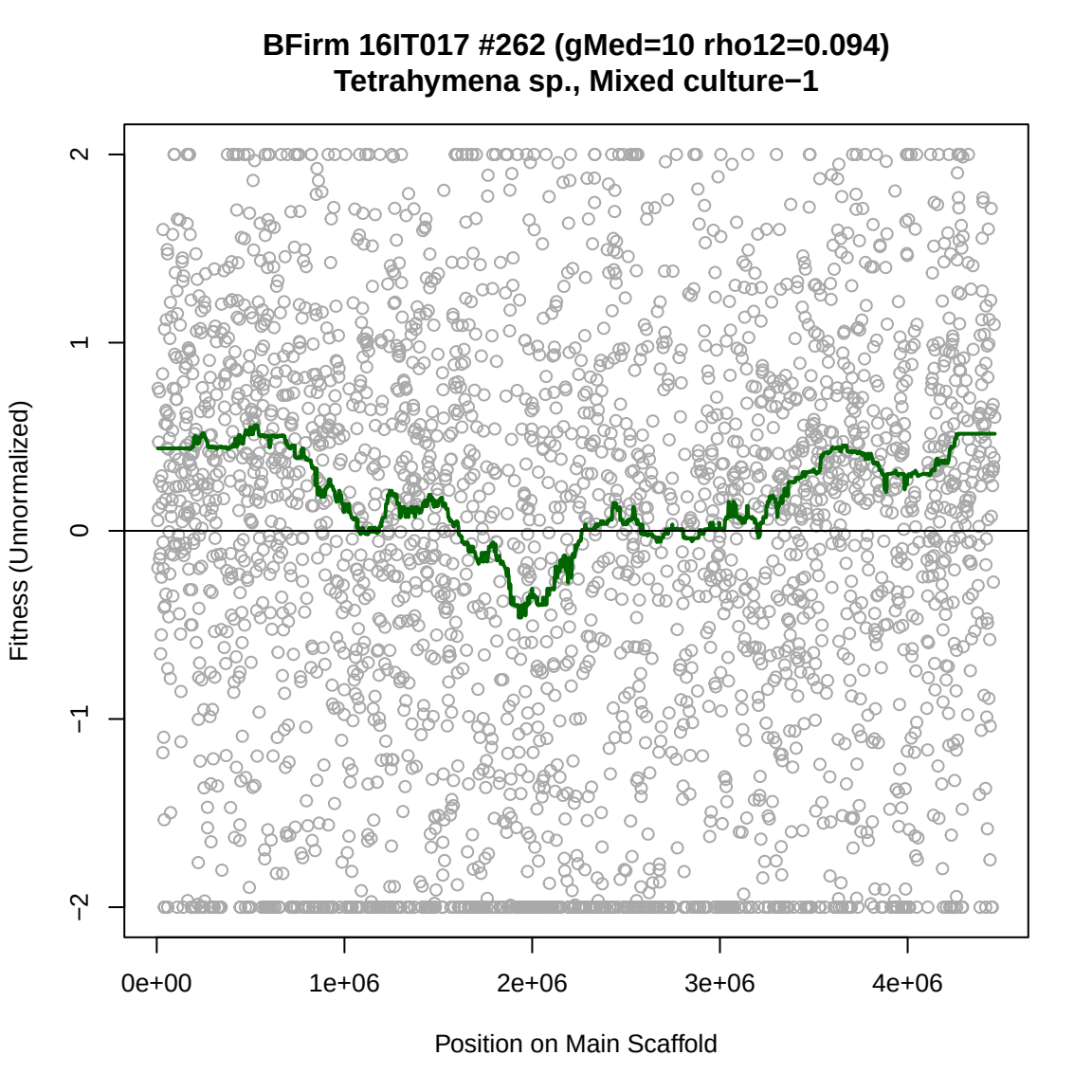

BFirm 15IT032 #257 (gMed=130 rho12=0.180)
Taped volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

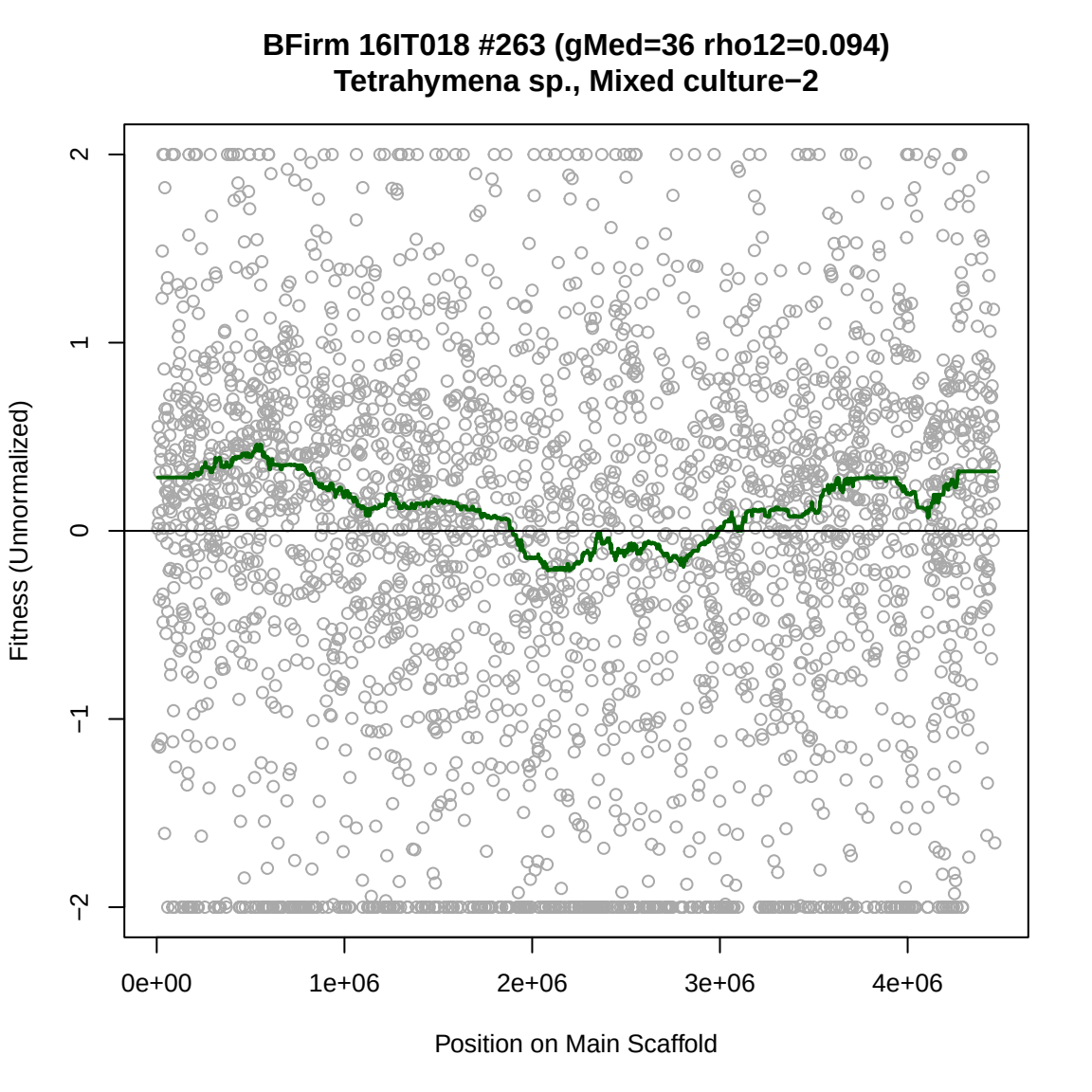

BFirm 16IT013 #258 (gMed=143 rho12=−0.014)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

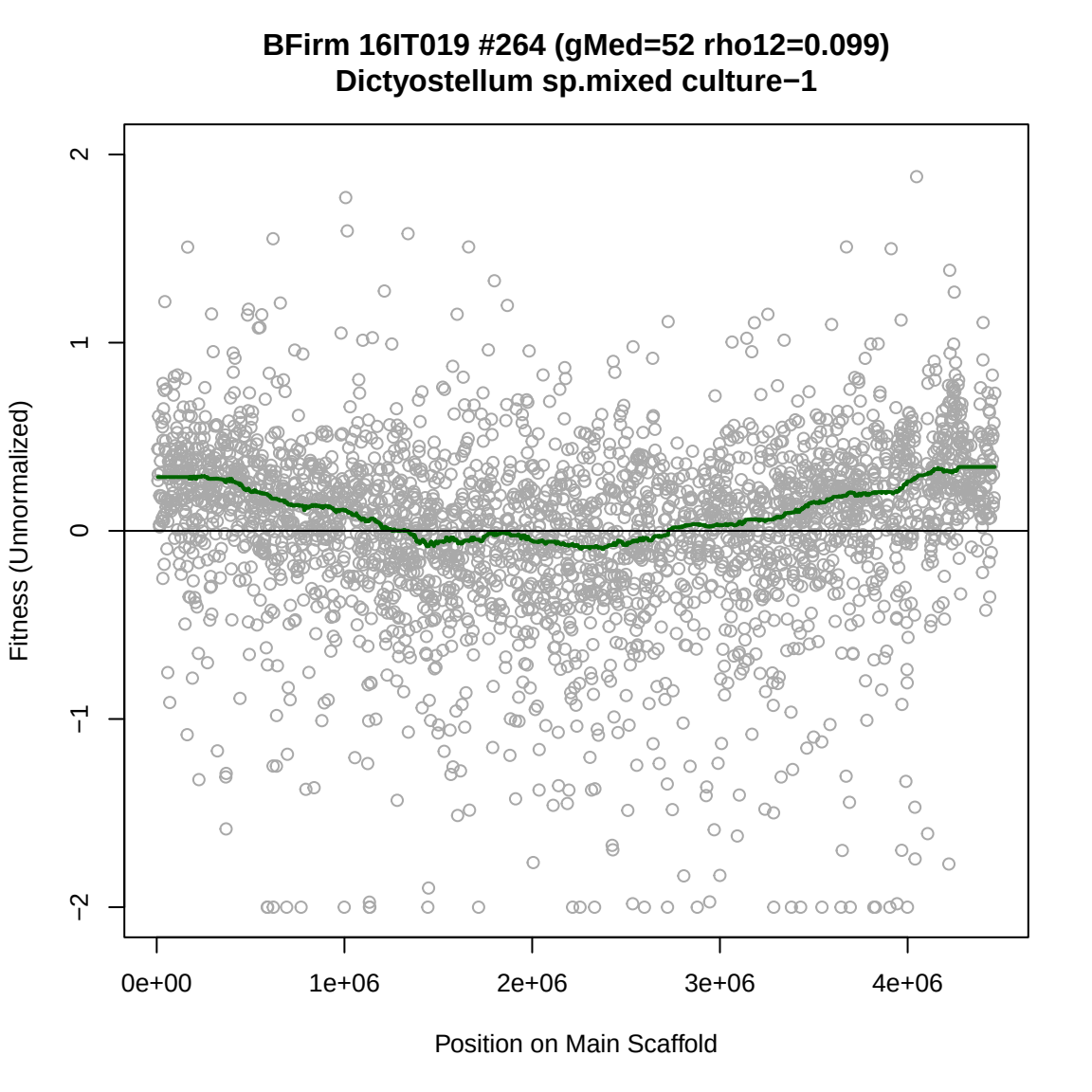

BFirm 16IT014 #259 (gMed=142 rho12=−0.006)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

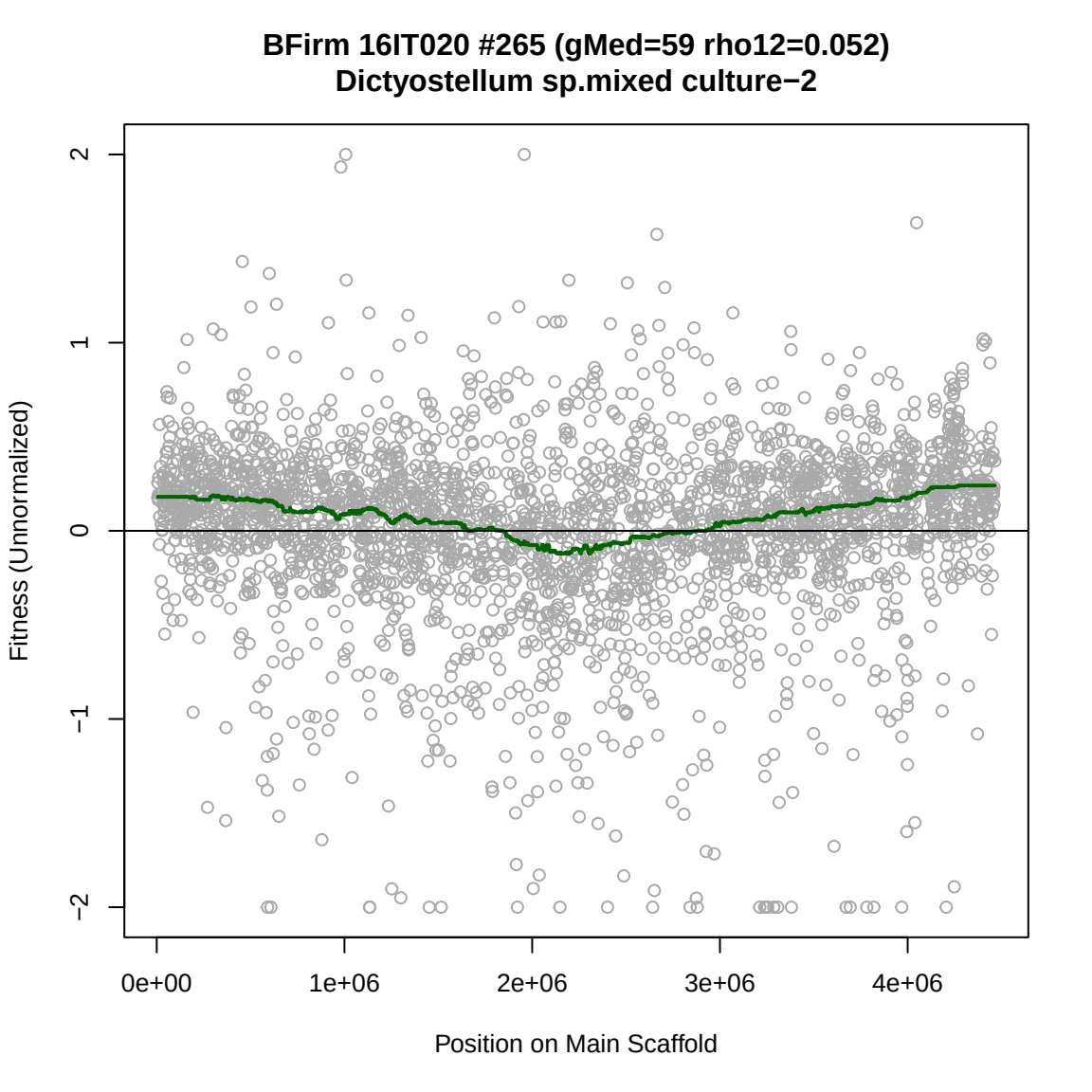

BFirm 16IT015 #260 (gMed=142 rho12=0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

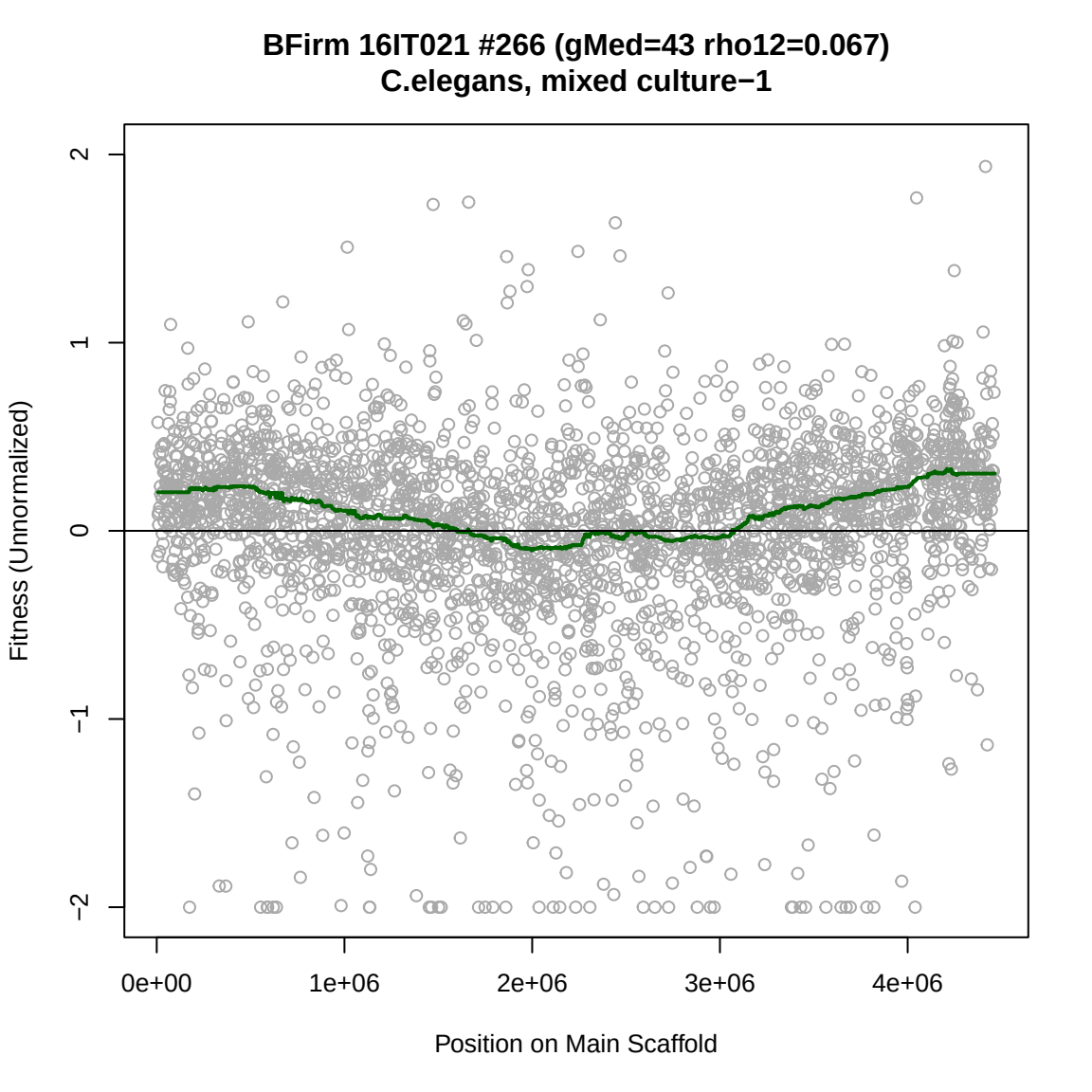

BFirm 16IT016 #261 (gMed=131 rho12=0.068)
NoPredeControl
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

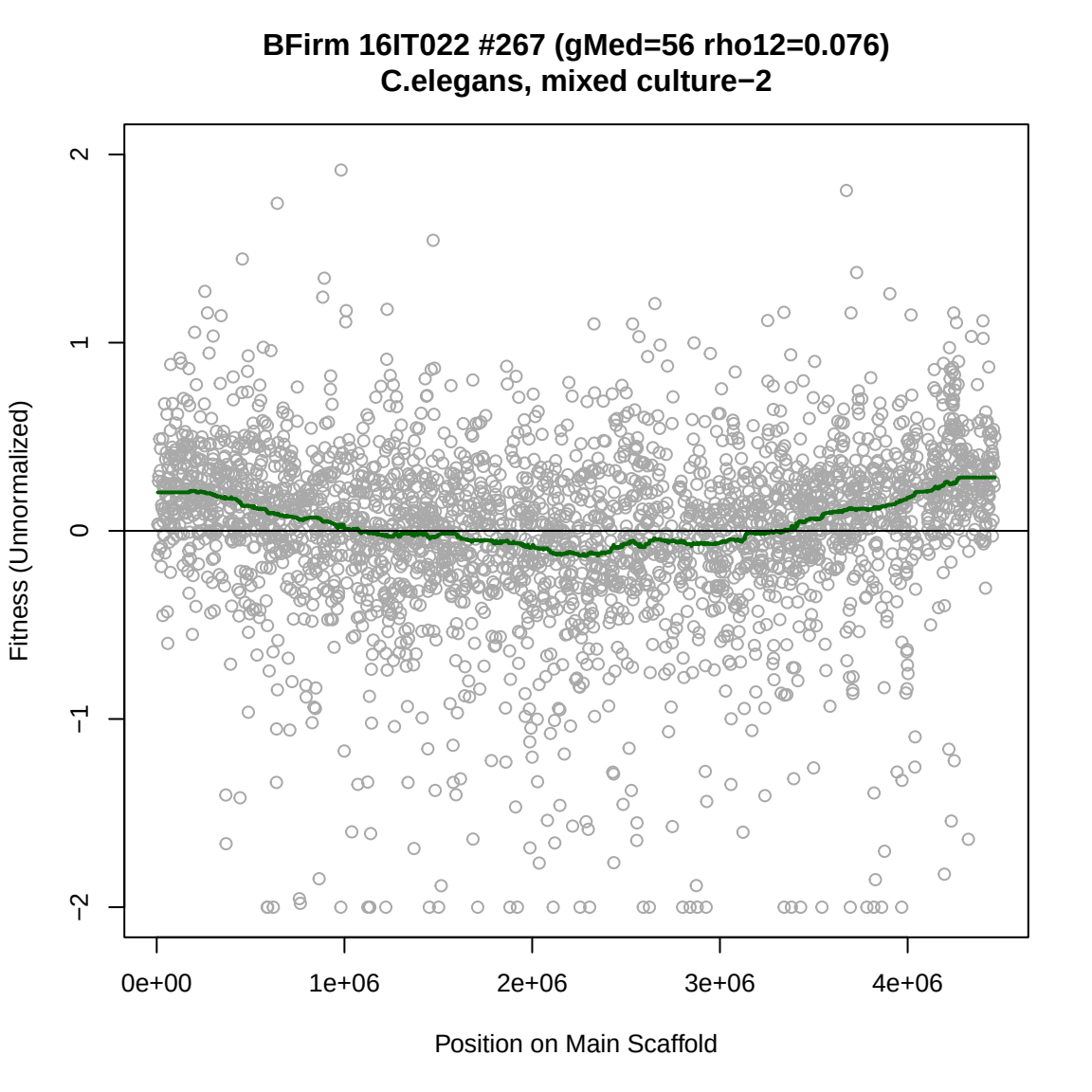

BFirm 16IT017 #262 (gMed=10 rho12=0.094)
Tetrahymena sp., Mixed culture−1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

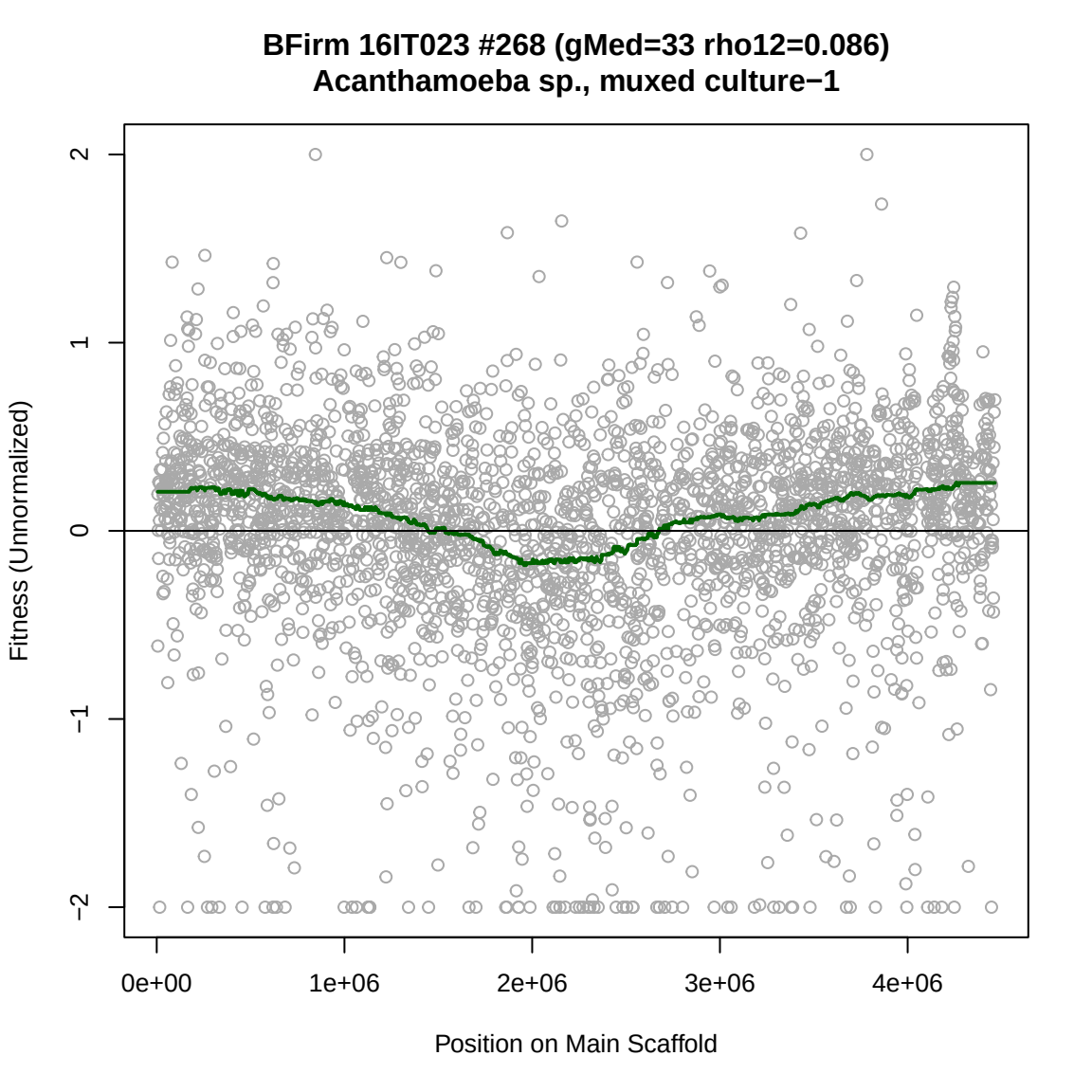

BFirm 16IT018 #263 (gMed=36 rho12=0.094)
Tetrahymena sp., Mixed culture−2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

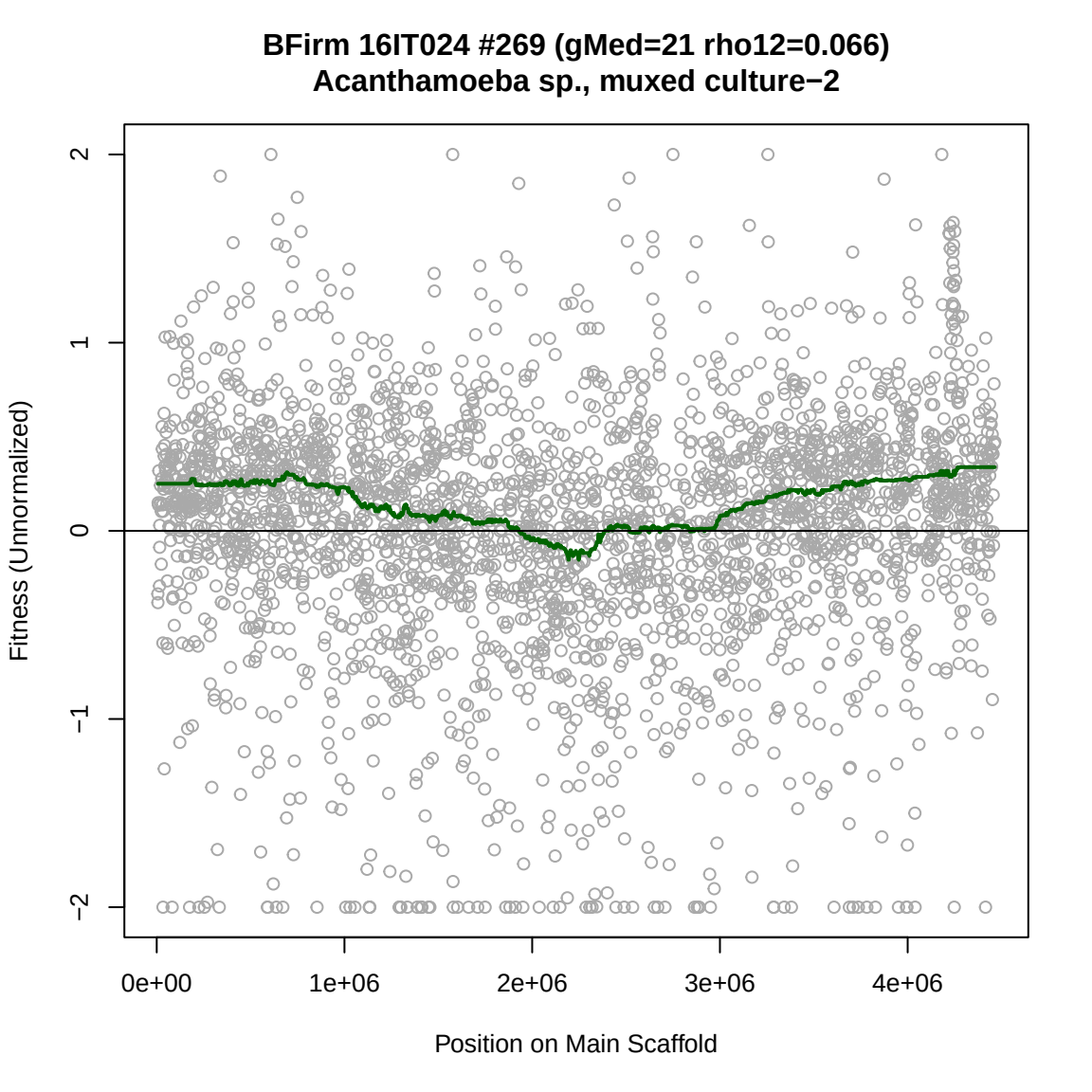

BFirm 16IT019 #264 (gMed=52 rho12=0.099)
Dictyostellum sp.mixed culture−1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

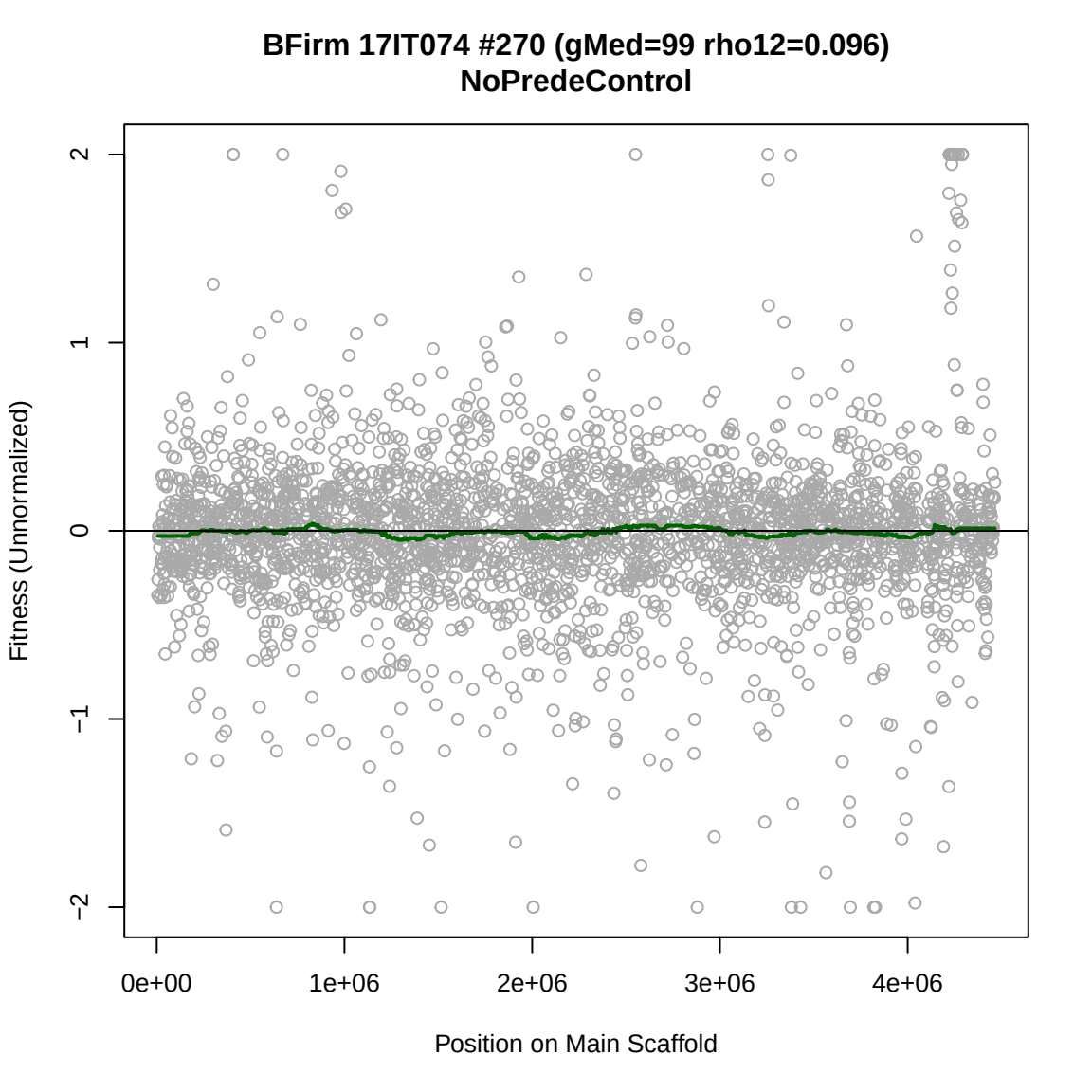

BFirm 16IT020 #265 (gMed=59 rho12=0.052)
Dictyostellum sp.mixed culture−2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

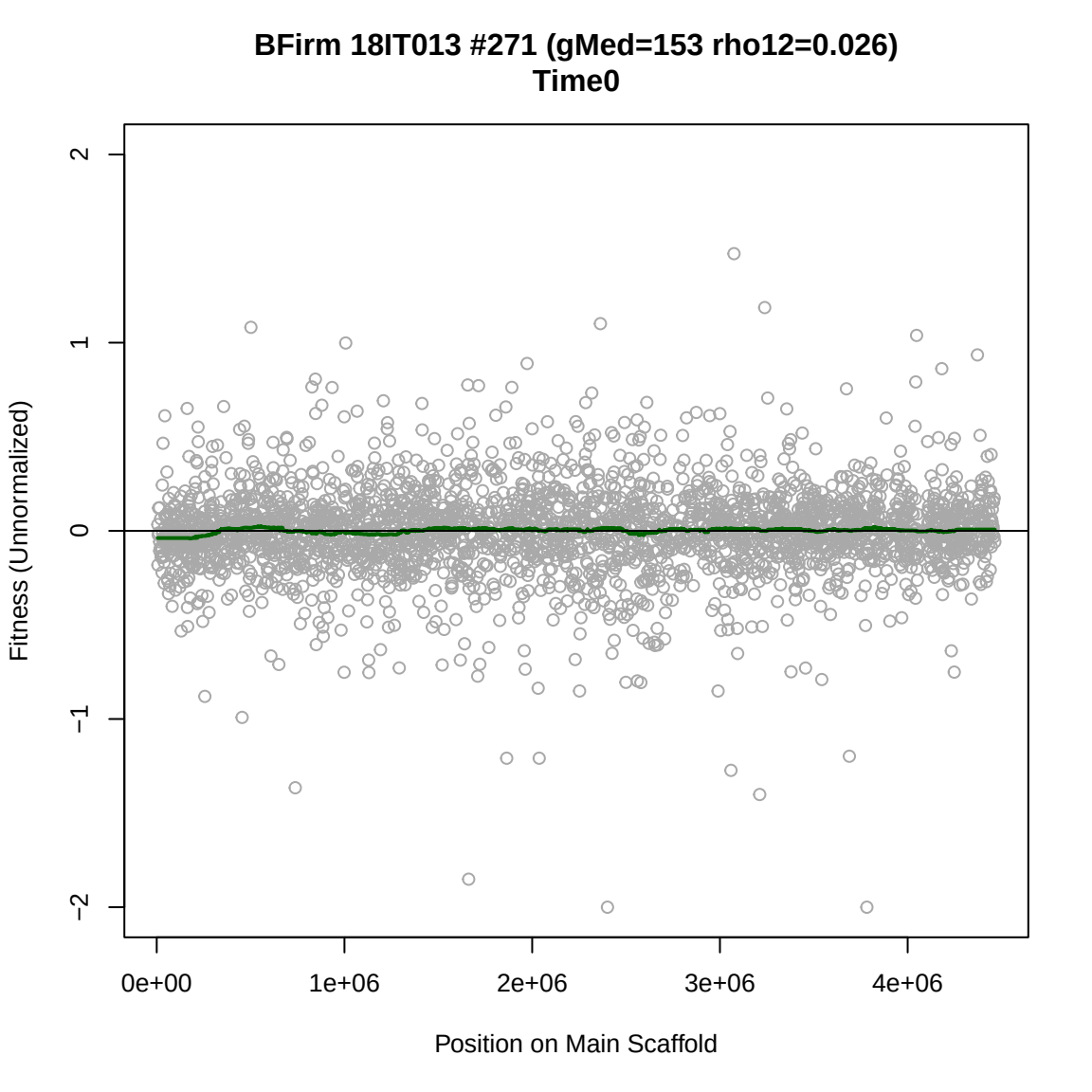

BFirm 16IT021 #266 (gMed=43 rho12=0.067)
C.elegans, mixed culture−1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

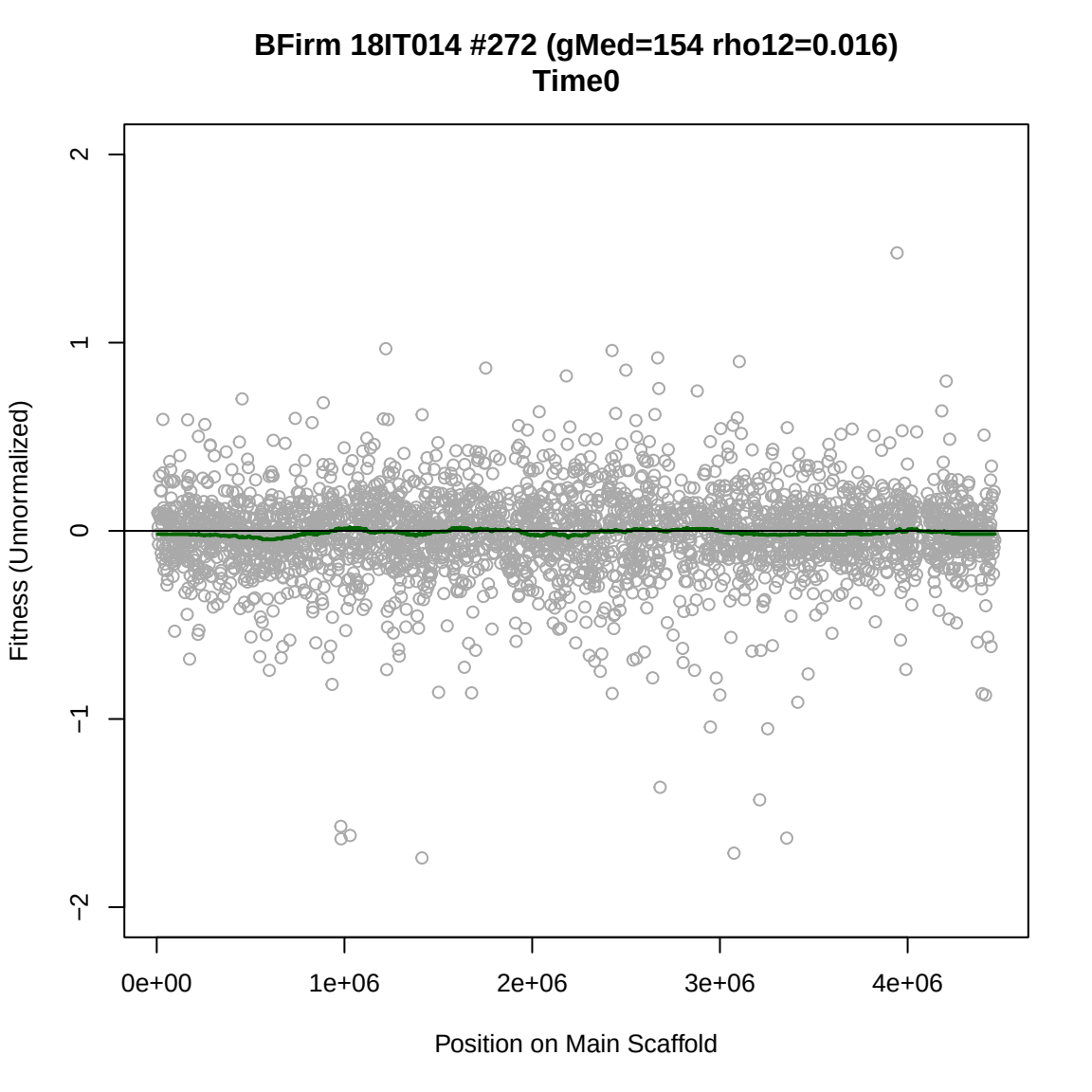

BFirm 16IT022 #267 (gMed=56 rho12=0.076)
C.elegans, mixed culture−2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

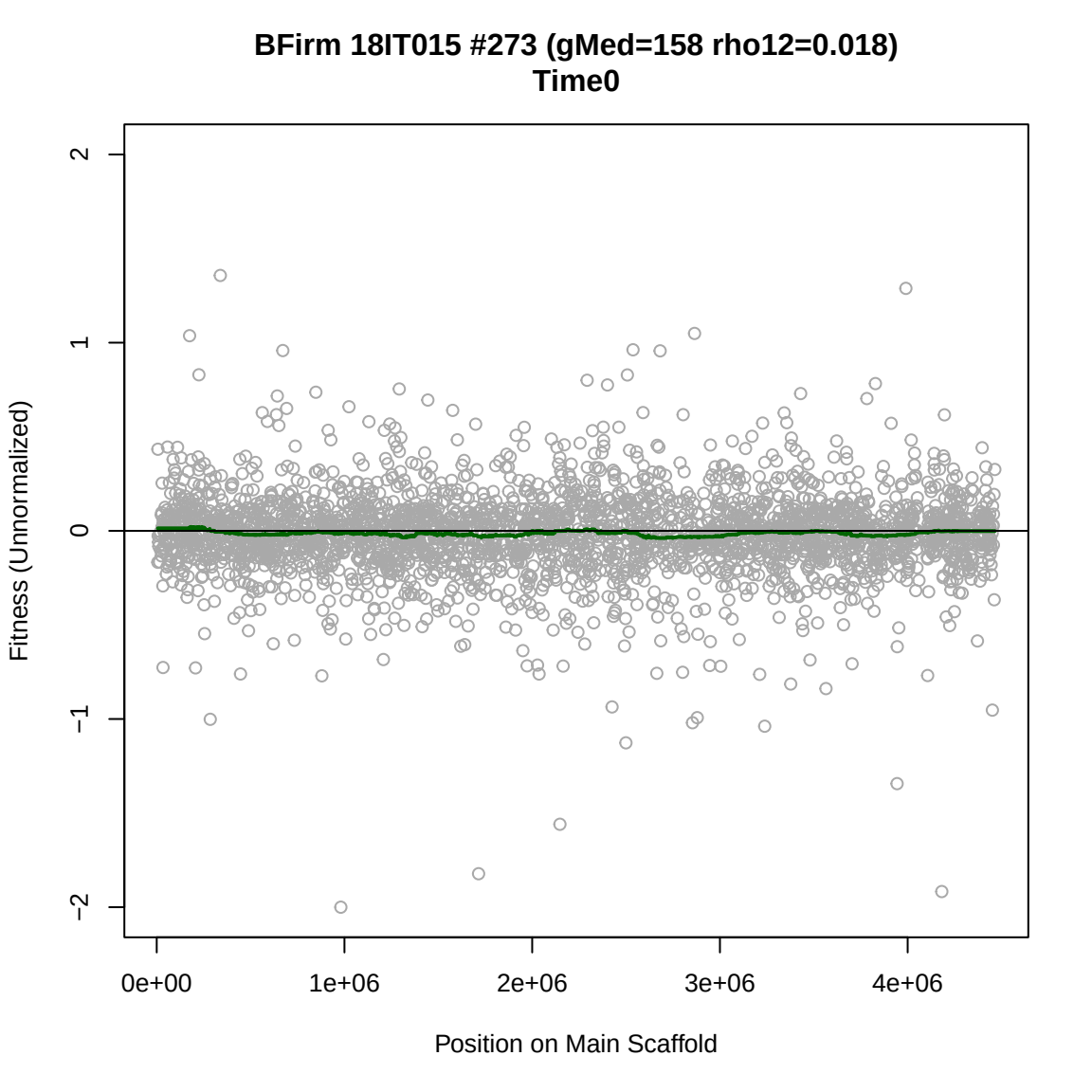

BFirm 16IT023 #268 (gMed=33 rho12=0.086)
Acanthamoeba sp., muxed culture−1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

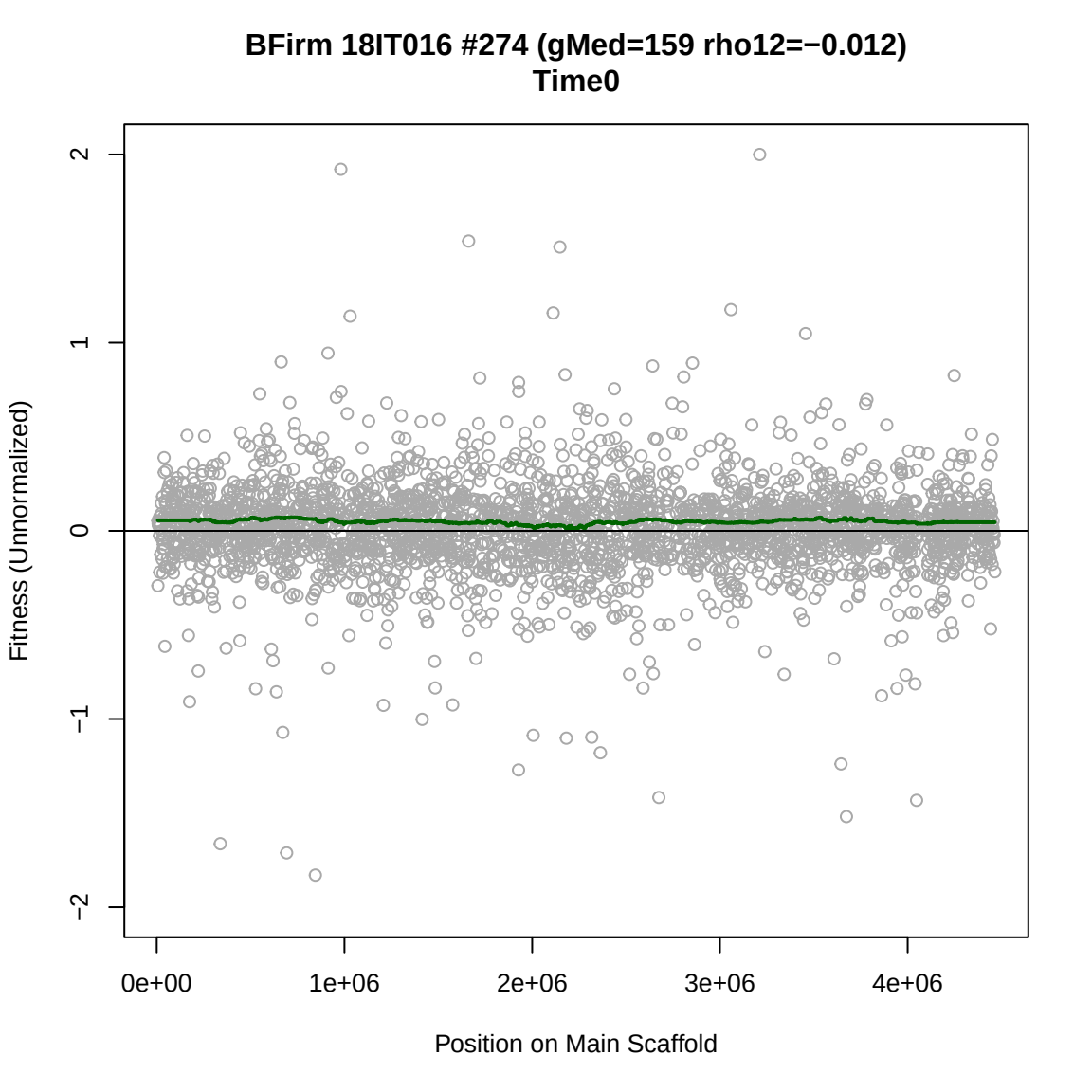

BFirm 16IT024 #269 (gMed=21 rho12=0.066)
Acanthamoeba sp., muxed culture−2
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

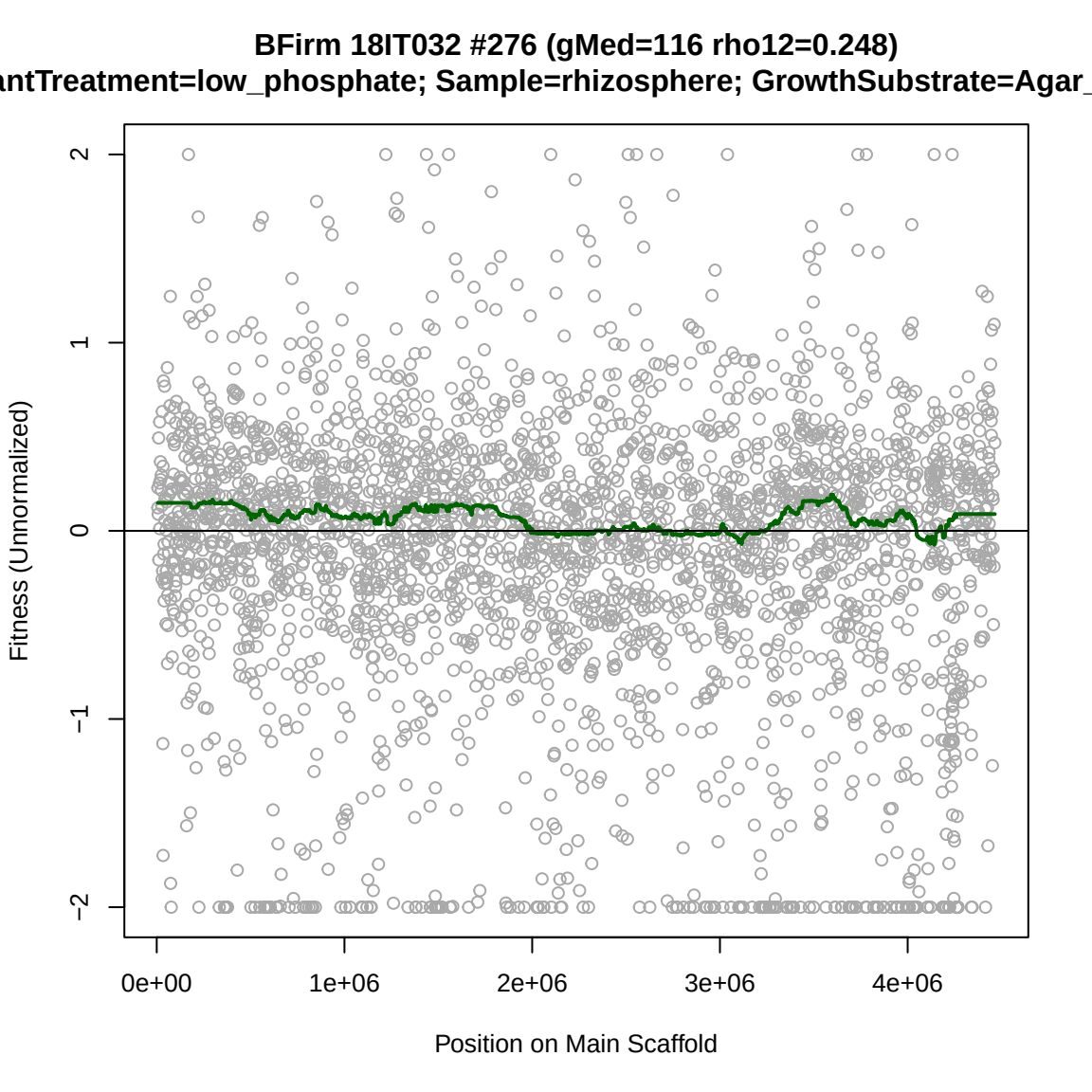

BFirm 17IT074 #270 (gMed=99 rho12=0.096)
NoPredeControl
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

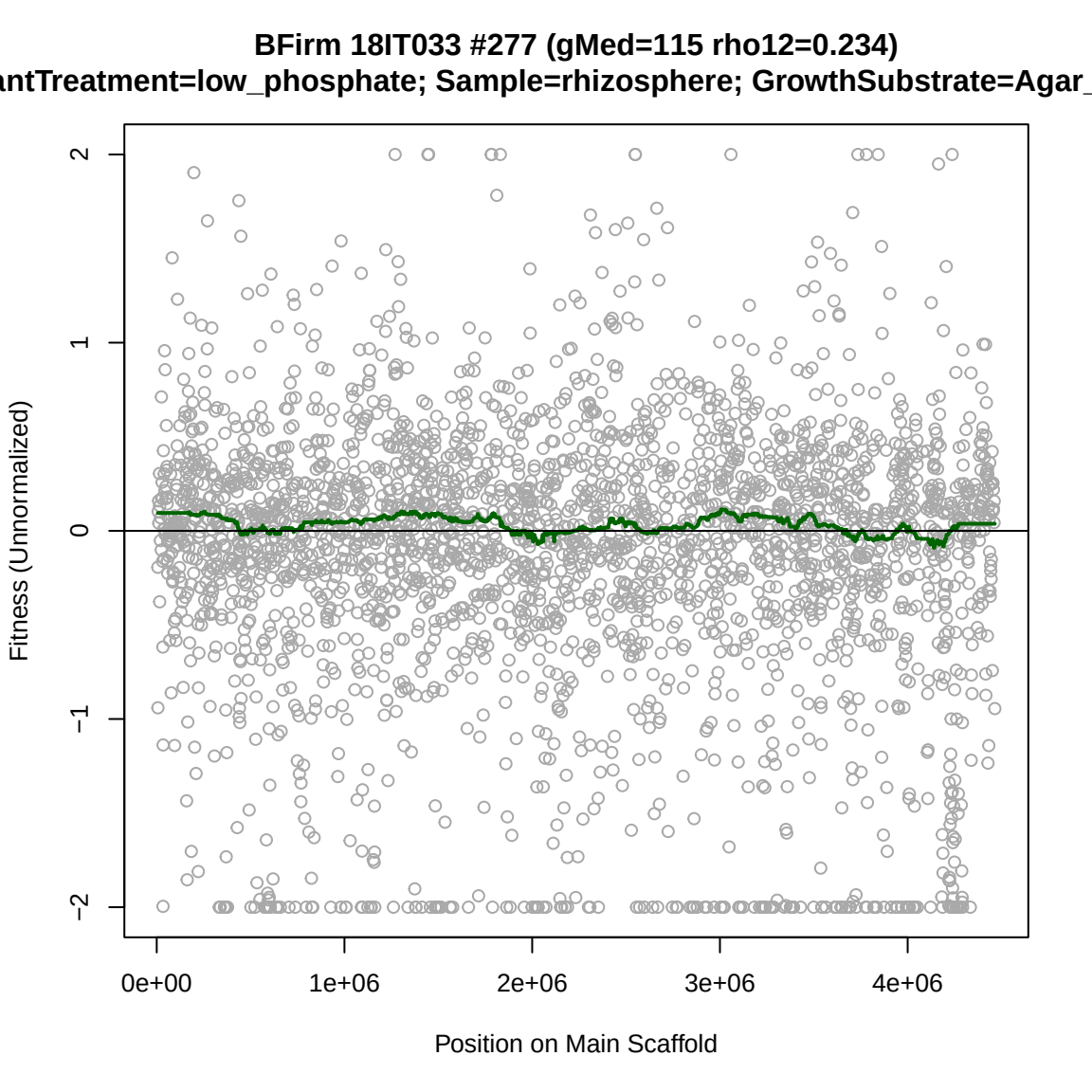

BFirm 18IT013 #271 (gMed=153 rho12=0.026)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

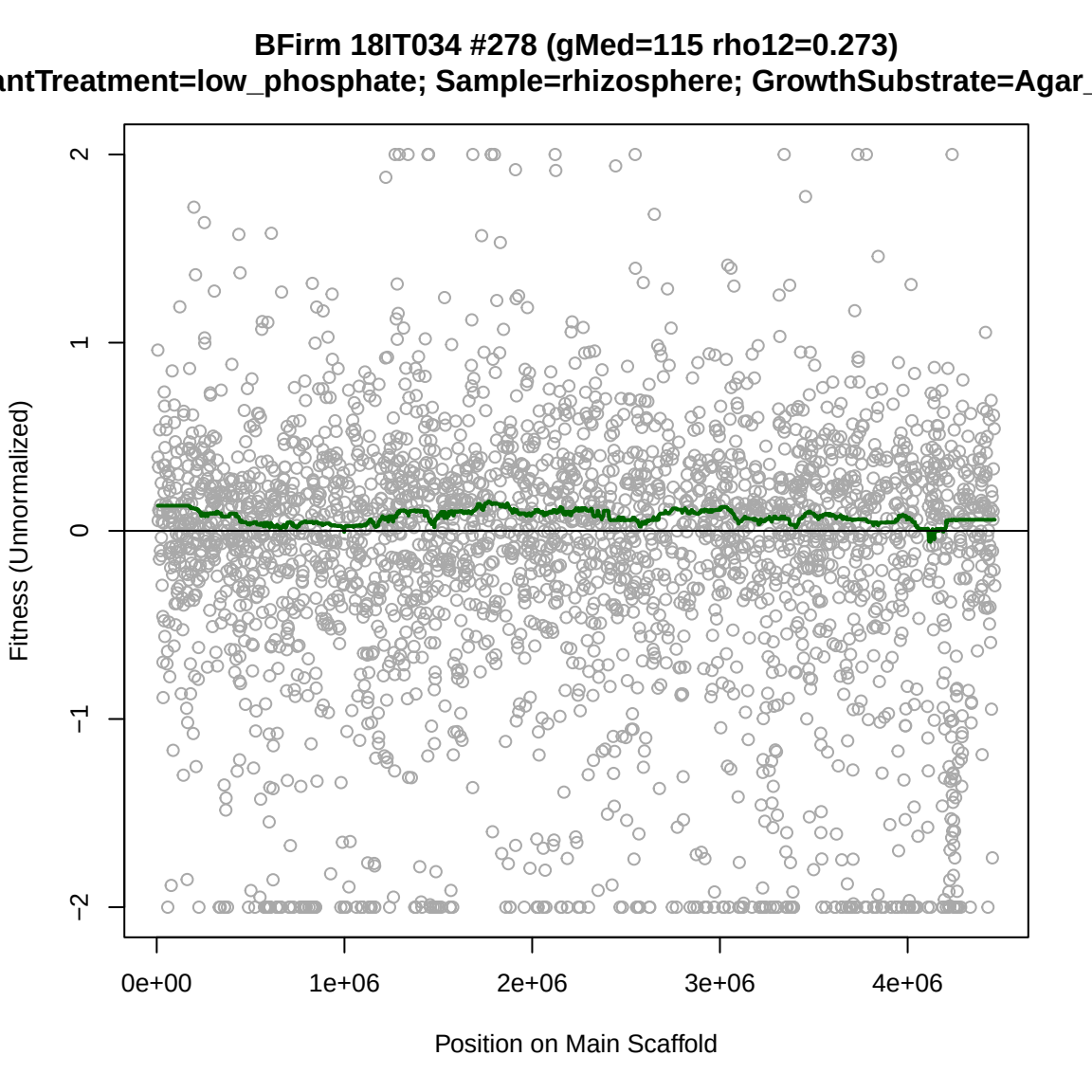

BFirm 18IT014 #272 (gMed=154 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

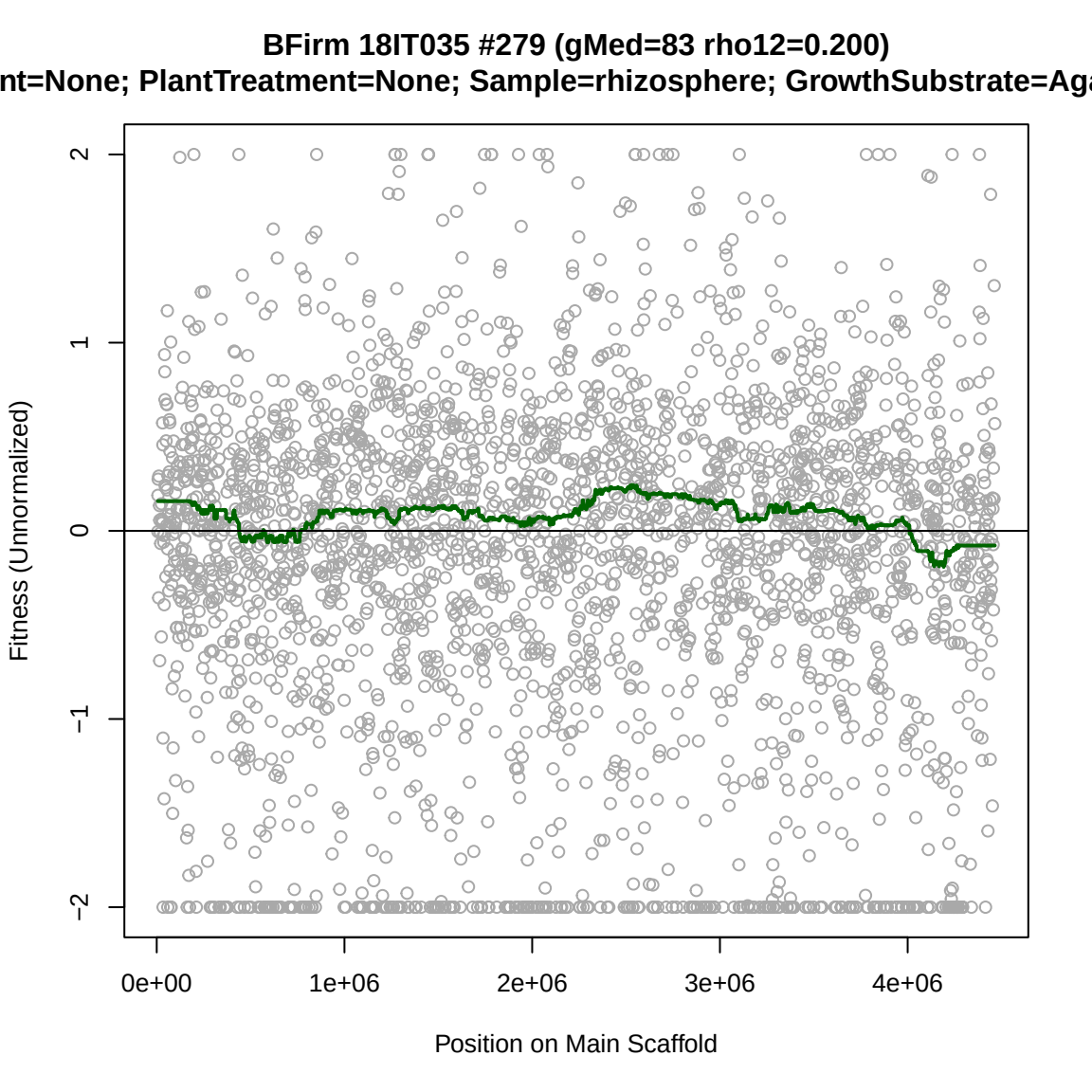

BFirm 18IT015 #273 (gMed=158 rho12=0.018)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

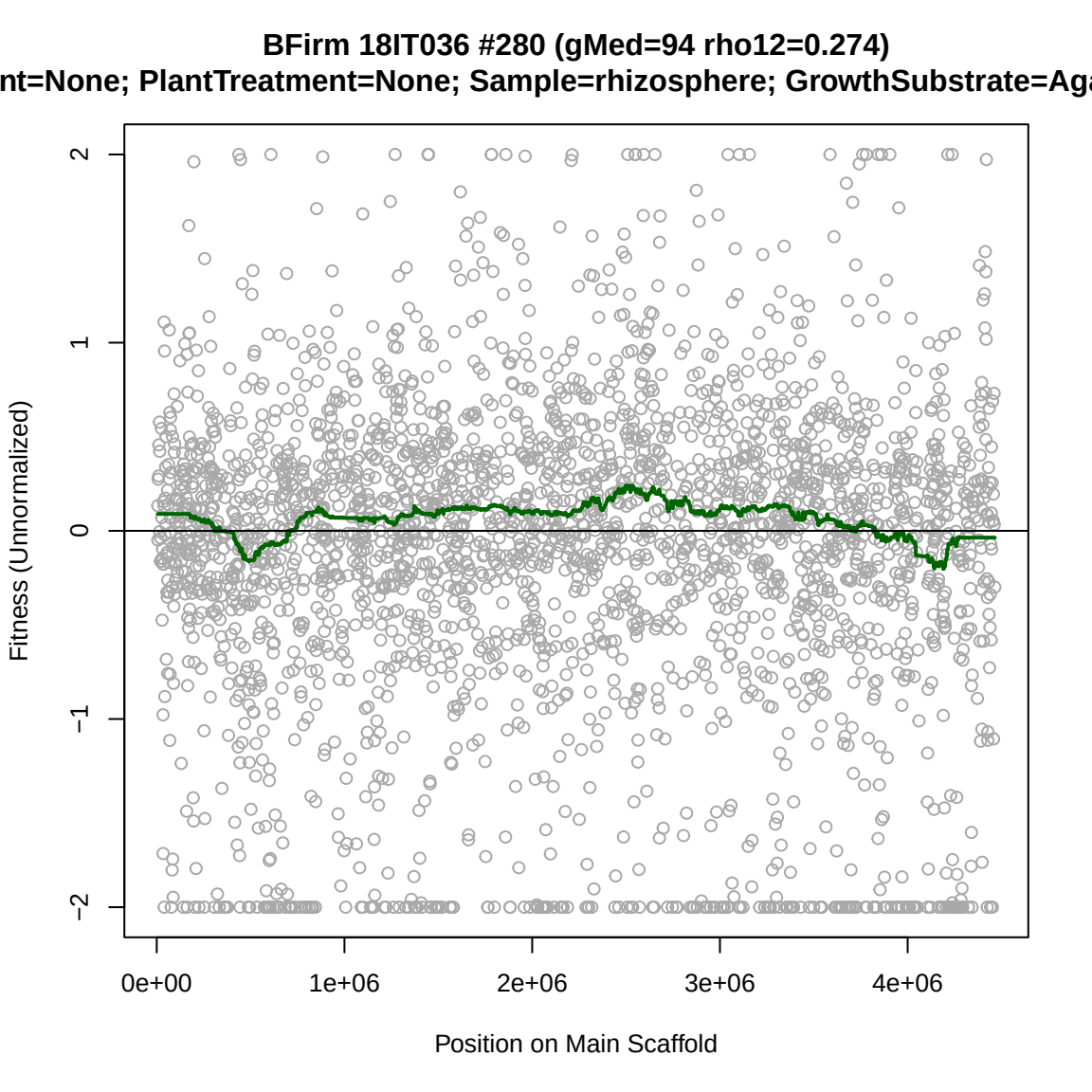

BFirm 18IT016 #274 (gMed=159 rho12=−0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

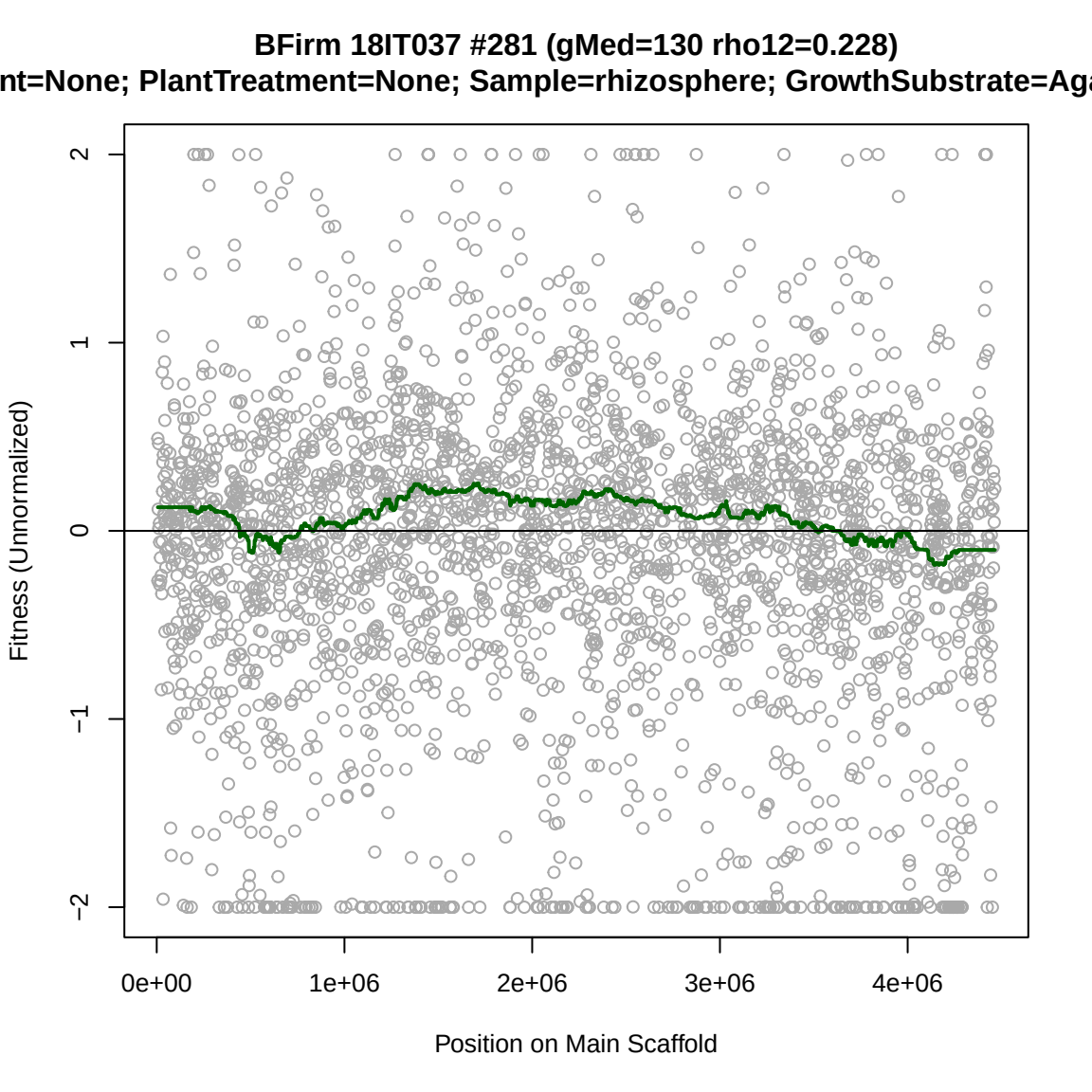

BFirm 18IT032 #276 (gMed=116 rho12=0.248)
antTreatment=low_phosphate; Sample=rhizosphere; GrowthSubstrate=Agar_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

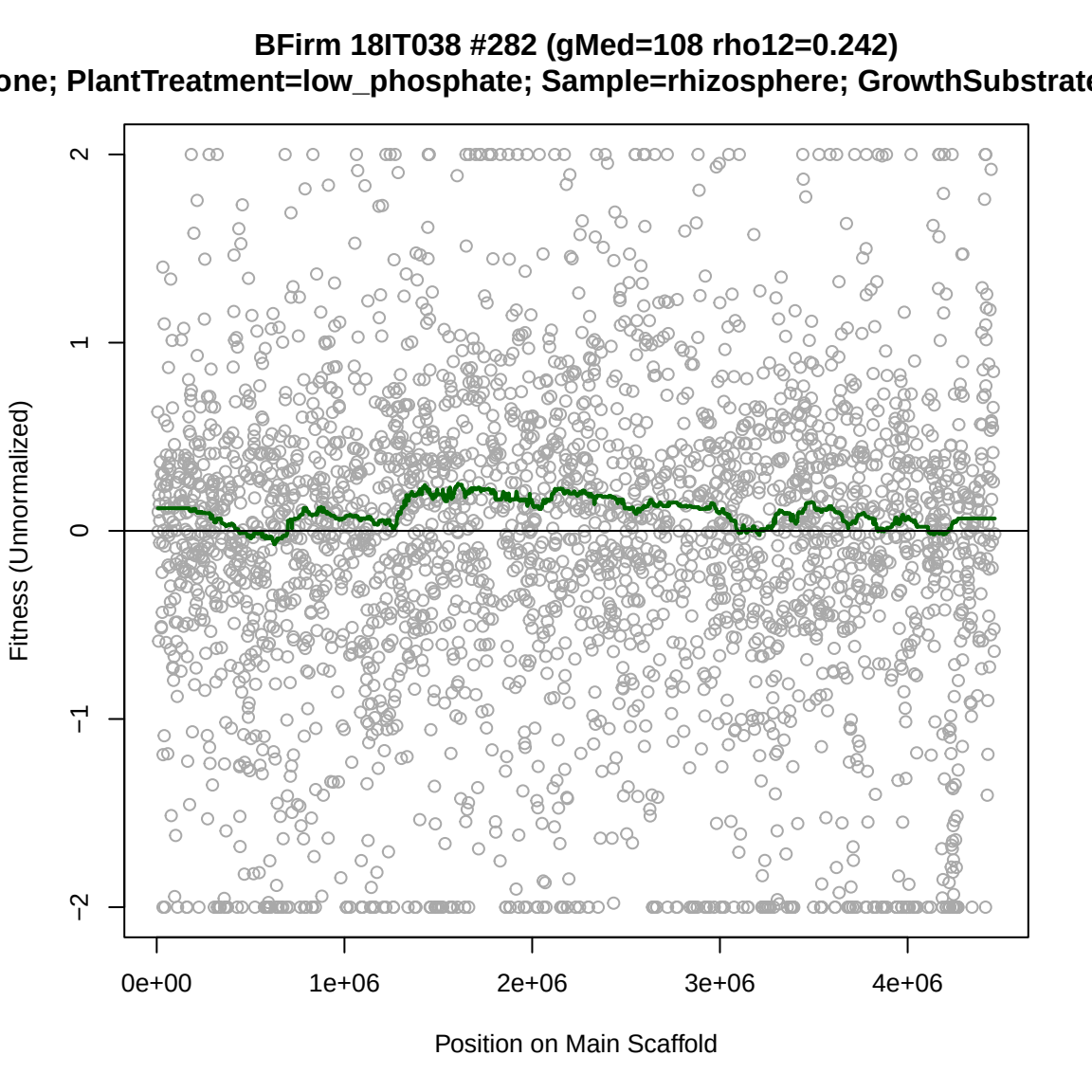

BFirm 18IT033 #277 (gMed=115 rho12=0.234)
antTreatment=low_phosphate; Sample=rhizosphere; GrowthSubstrate=Agar_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

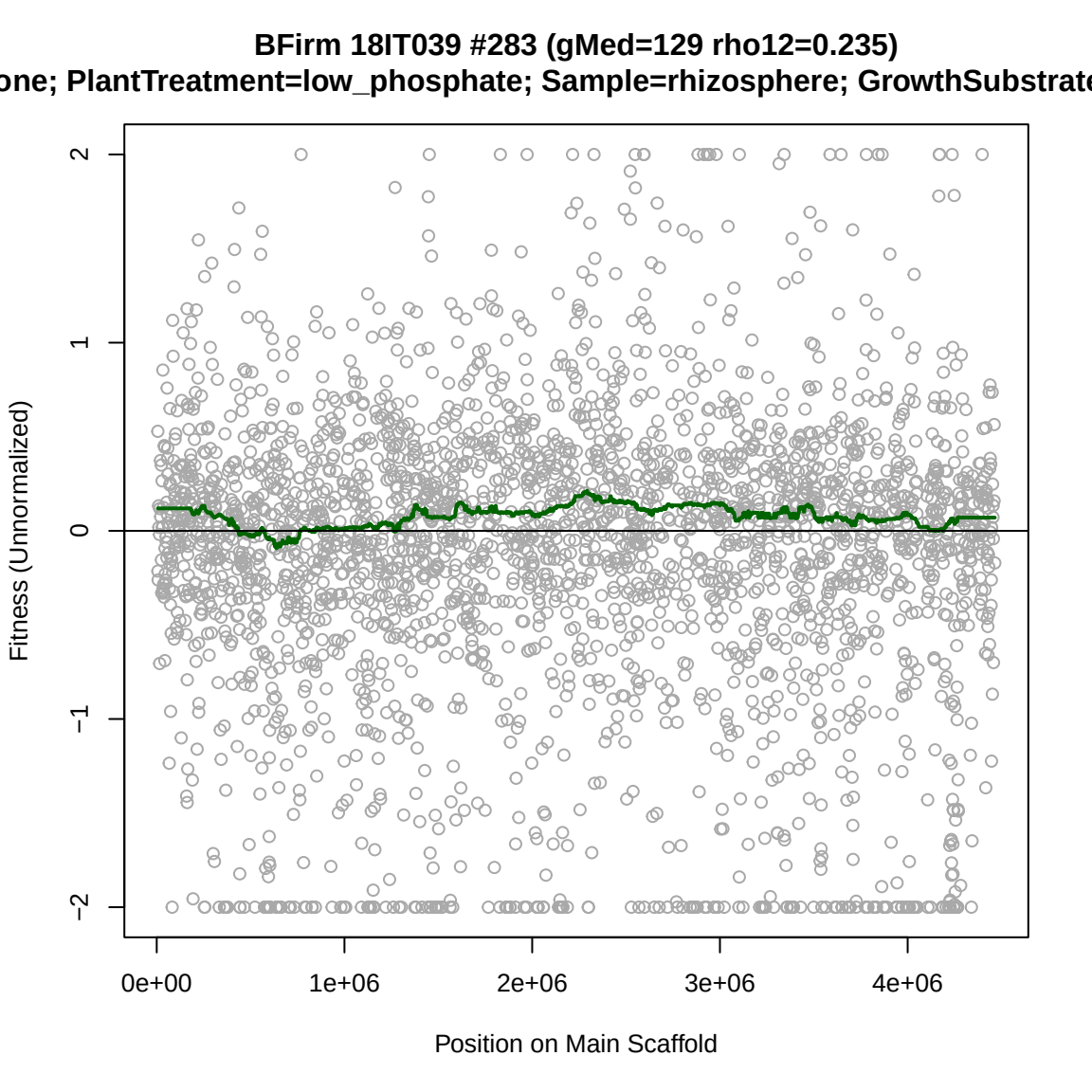

BFirm 18IT034 #278 (gMed=115 rho12=0.273)
antTreatment=low_phosphate; Sample=rhizosphere; GrowthSubstrate=Agar_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

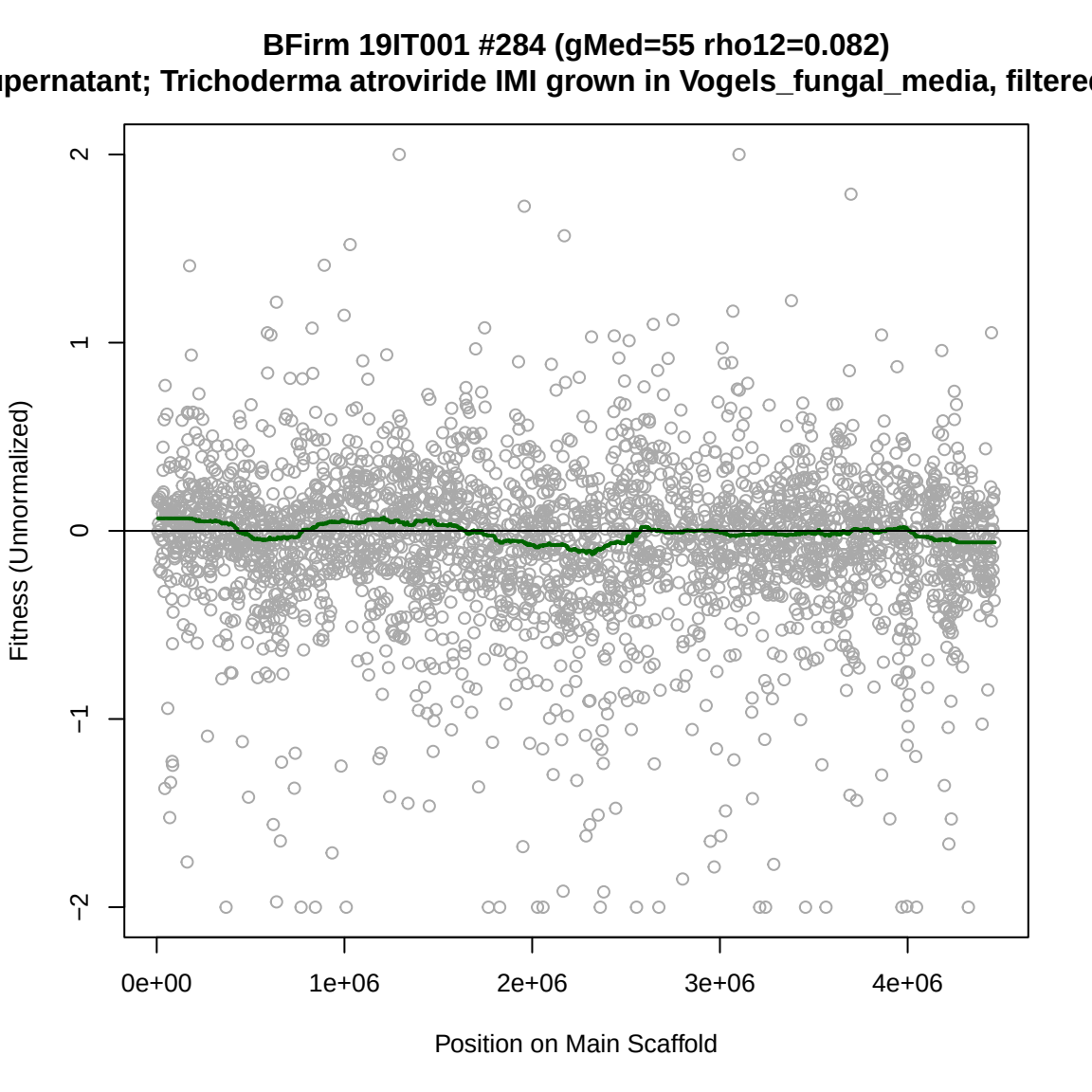

BFirm 18IT035 #279 (gMed=83 rho12=0.200)
nt=None; PlantTreatment=None; Sample=rhizosphere; GrowthSubstrate=Aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

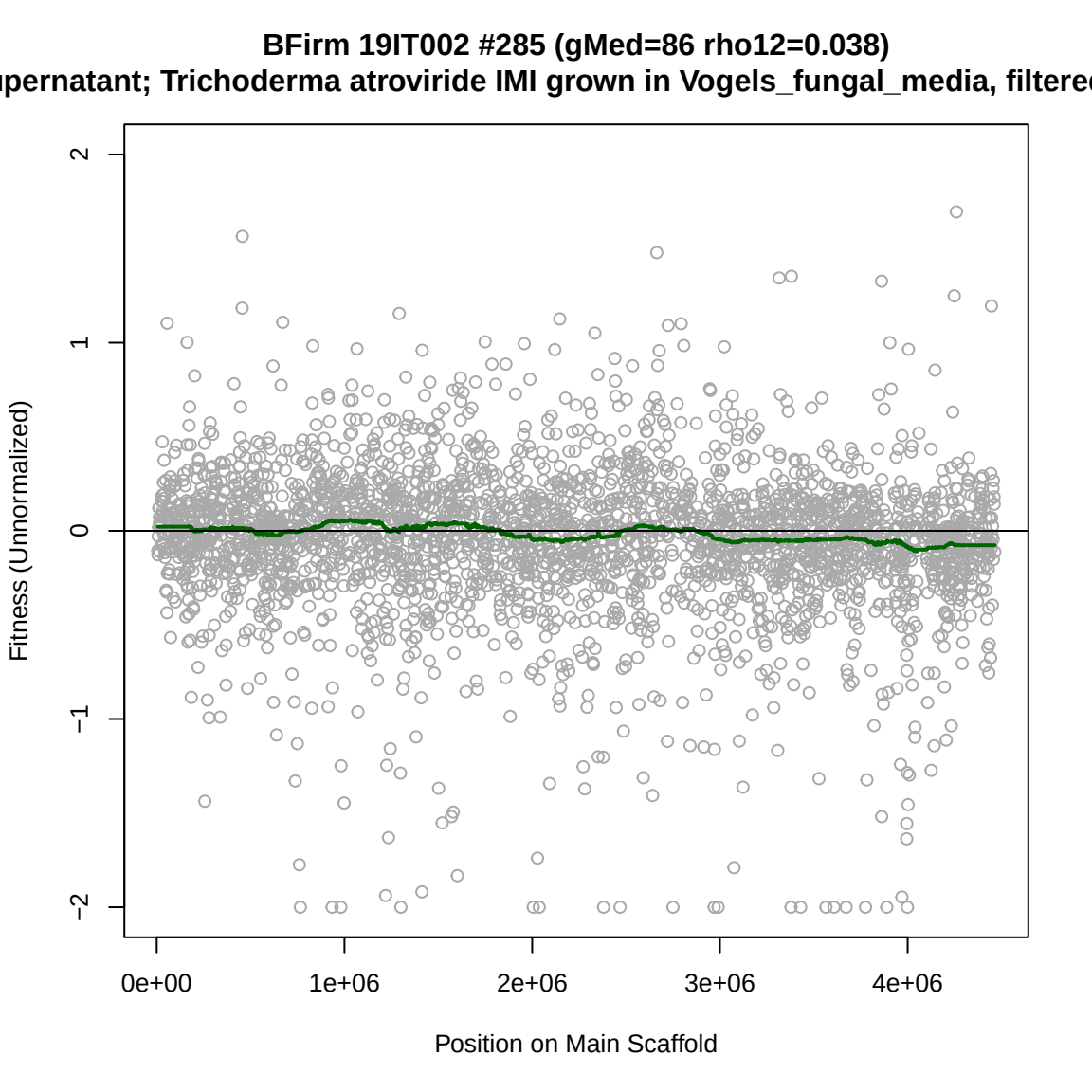

BFirm 18IT036 #280 (gMed=94 rho12=0.274)
nt=None; PlantTreatment=None; Sample=rhizosphere; GrowthSubstrate=Aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

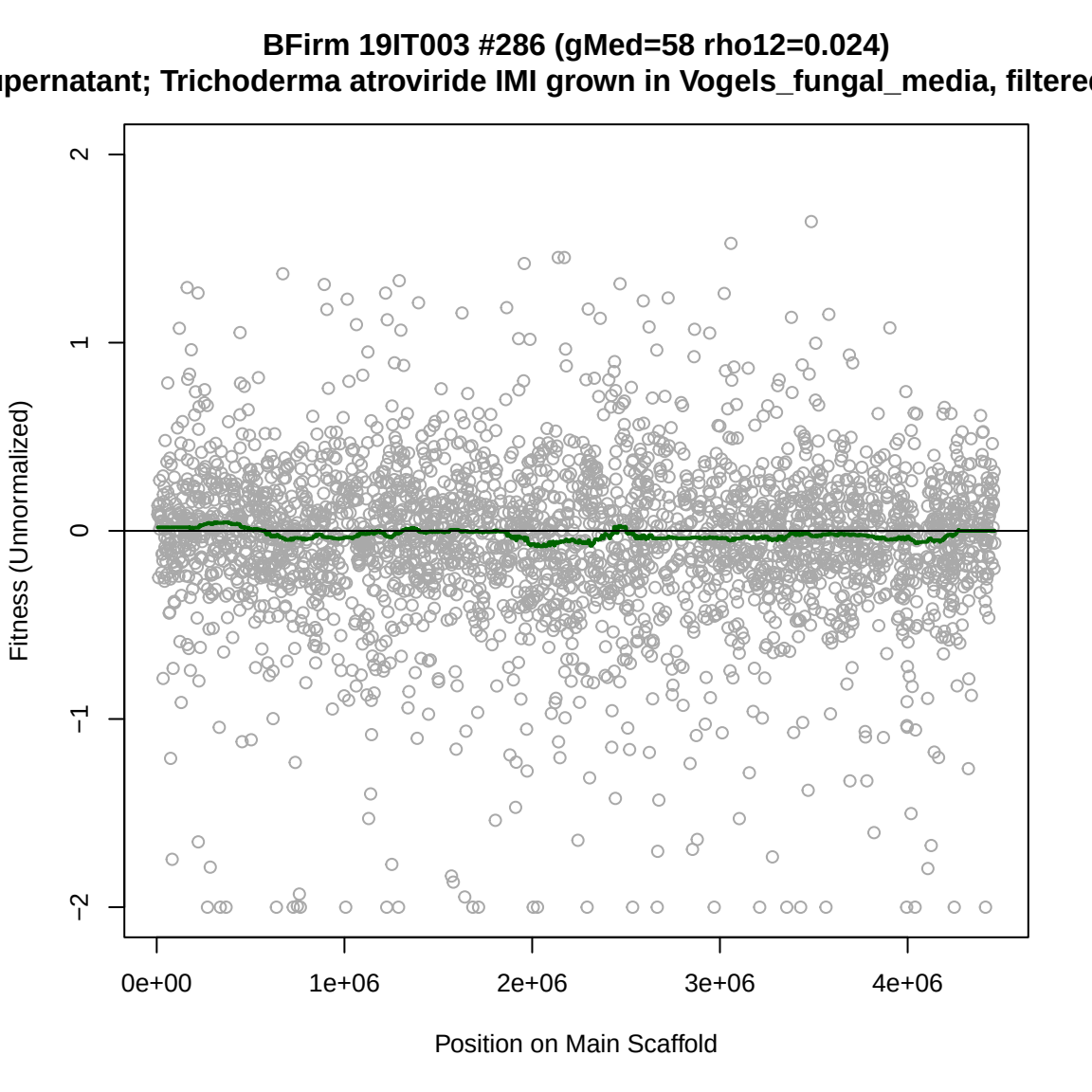

BFirm 18IT037 #281 (gMed=130 rho12=0.228)
nt=None; PlantTreatment=None; Sample=rhizosphere; GrowthSubstrate=Aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

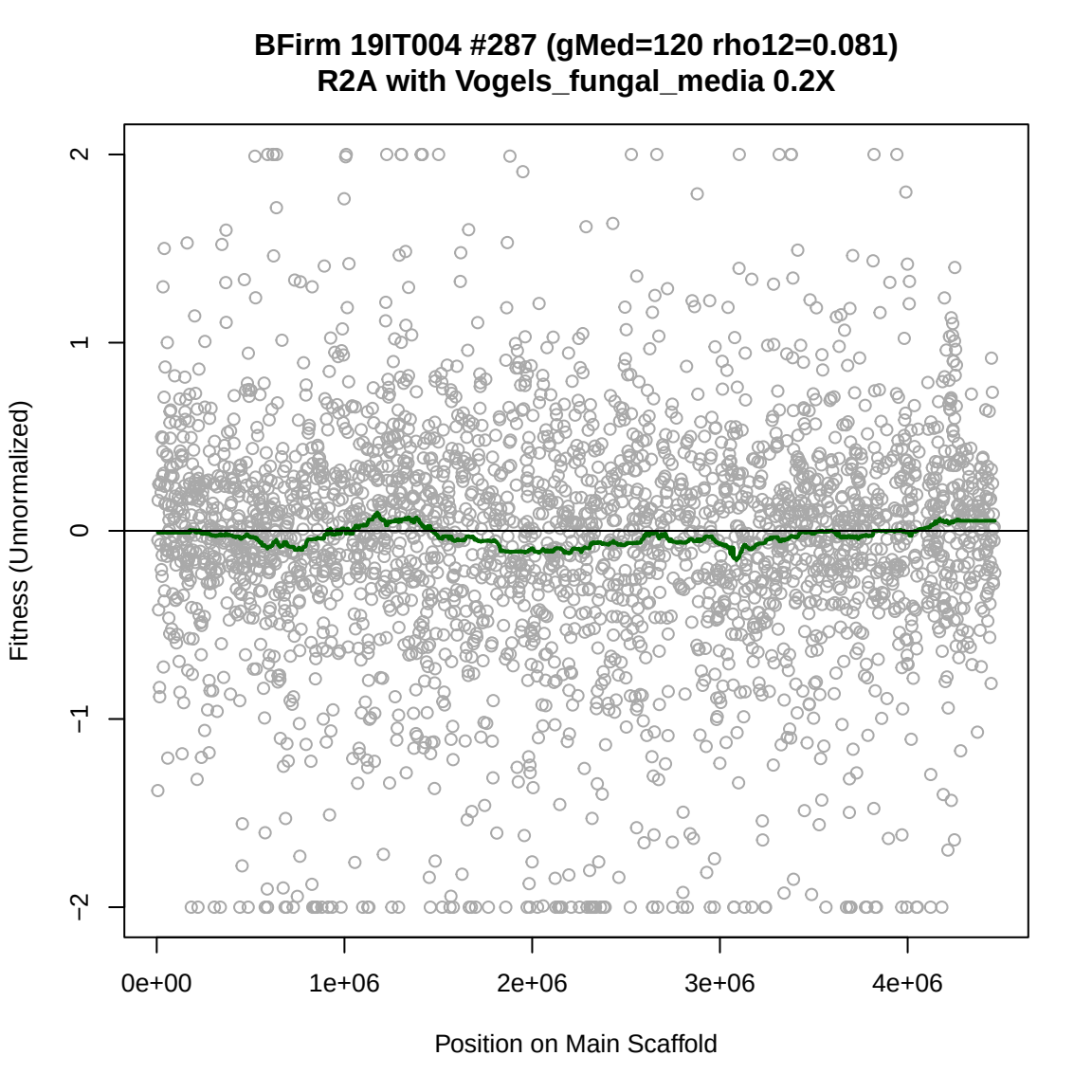

BFirm 18IT038 #282 (gMed=108 rho12=0.242)
one; PlantTreatment=low_phosphate; Sample=rhizosphere; GrowthSubstrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

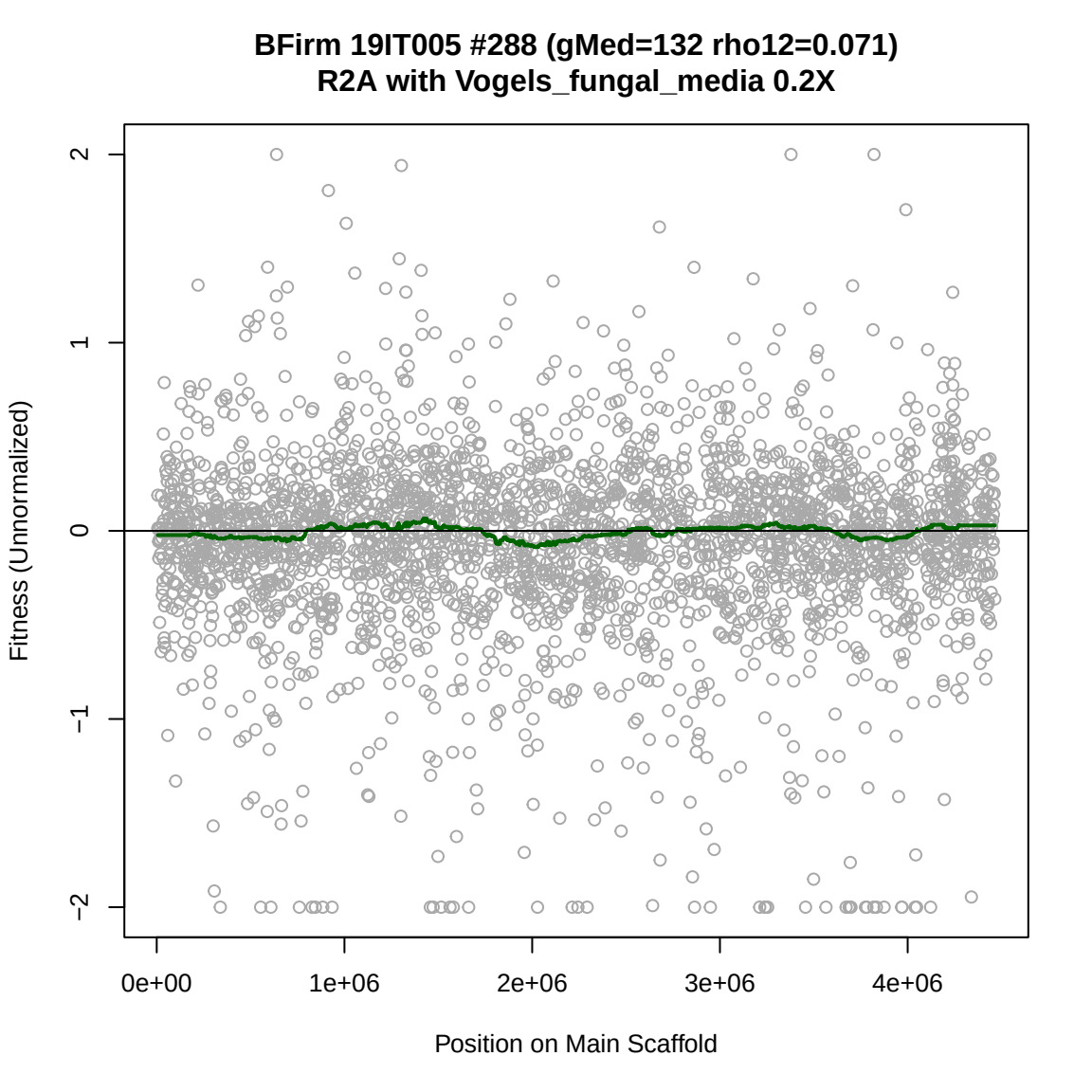

BFirm 18IT039 #283 (gMed=129 rho12=0.235)
one; PlantTreatment=low_phosphate; Sample=rhizosphere; GrowthSubstrate
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

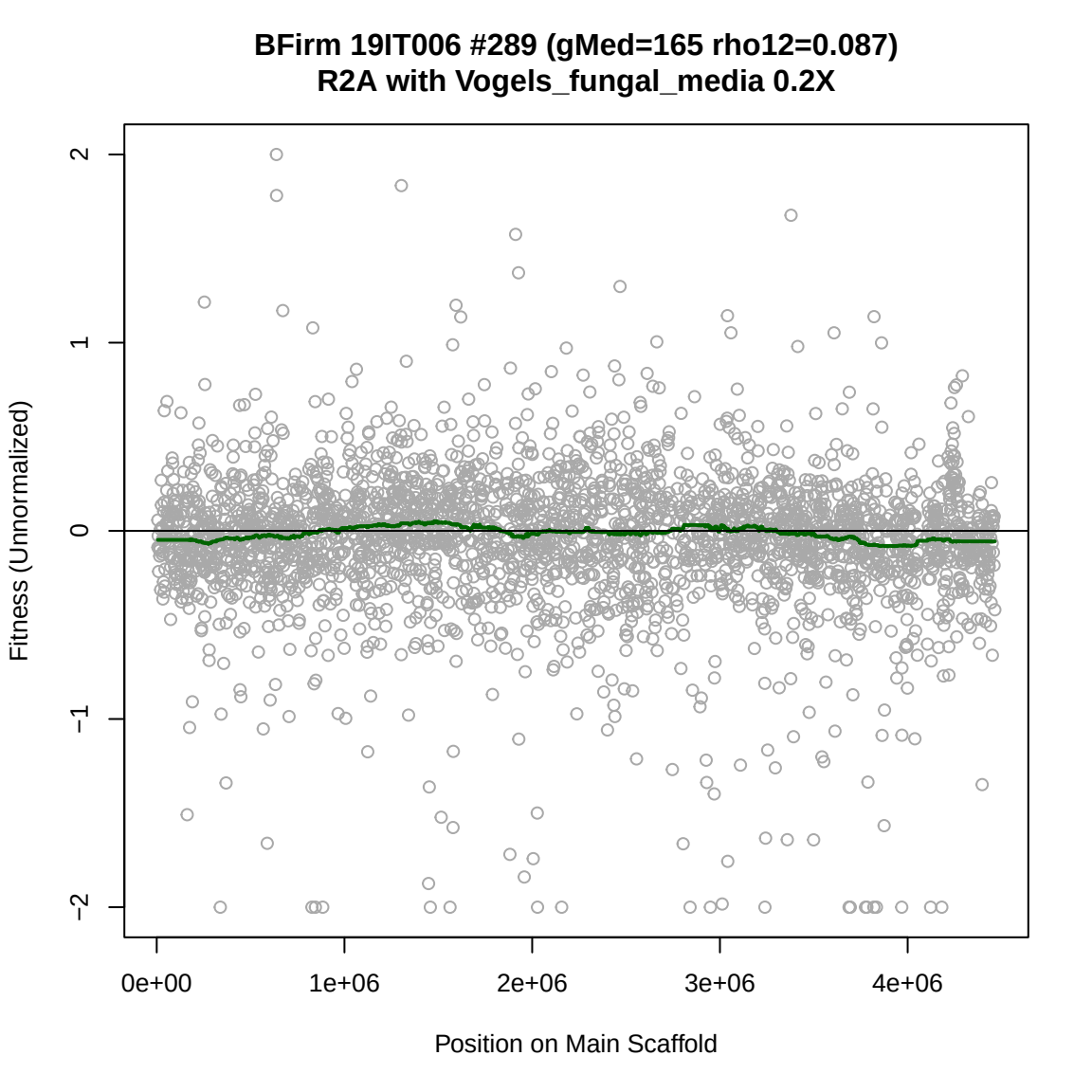

BFirm 19IT001 #284 (gMed=55 rho12=0.082)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

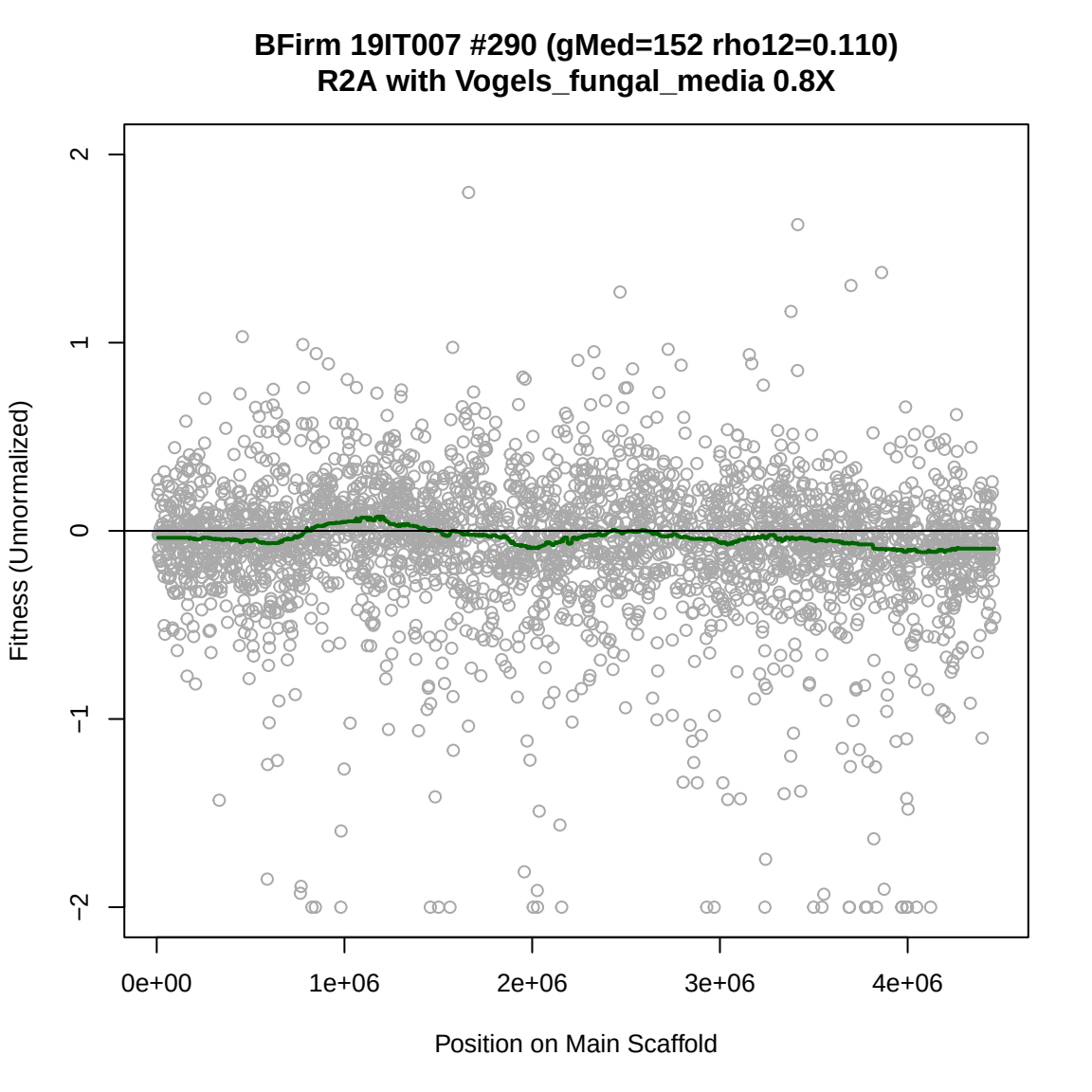

BFirm 19IT002 #285 (gMed=86 rho12=0.038)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

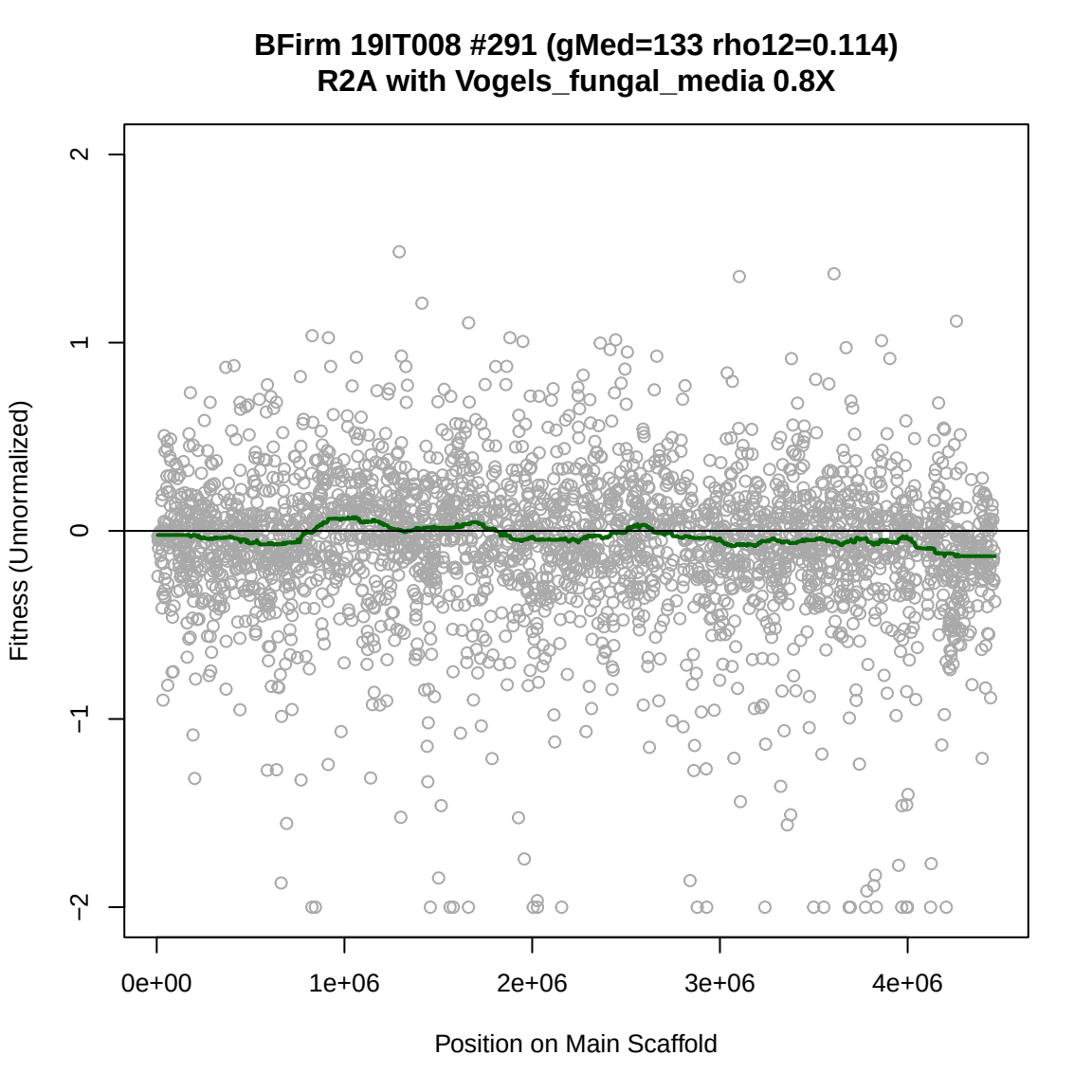

BFirm 19IT003 #286 (gMed=58 rho12=0.024)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

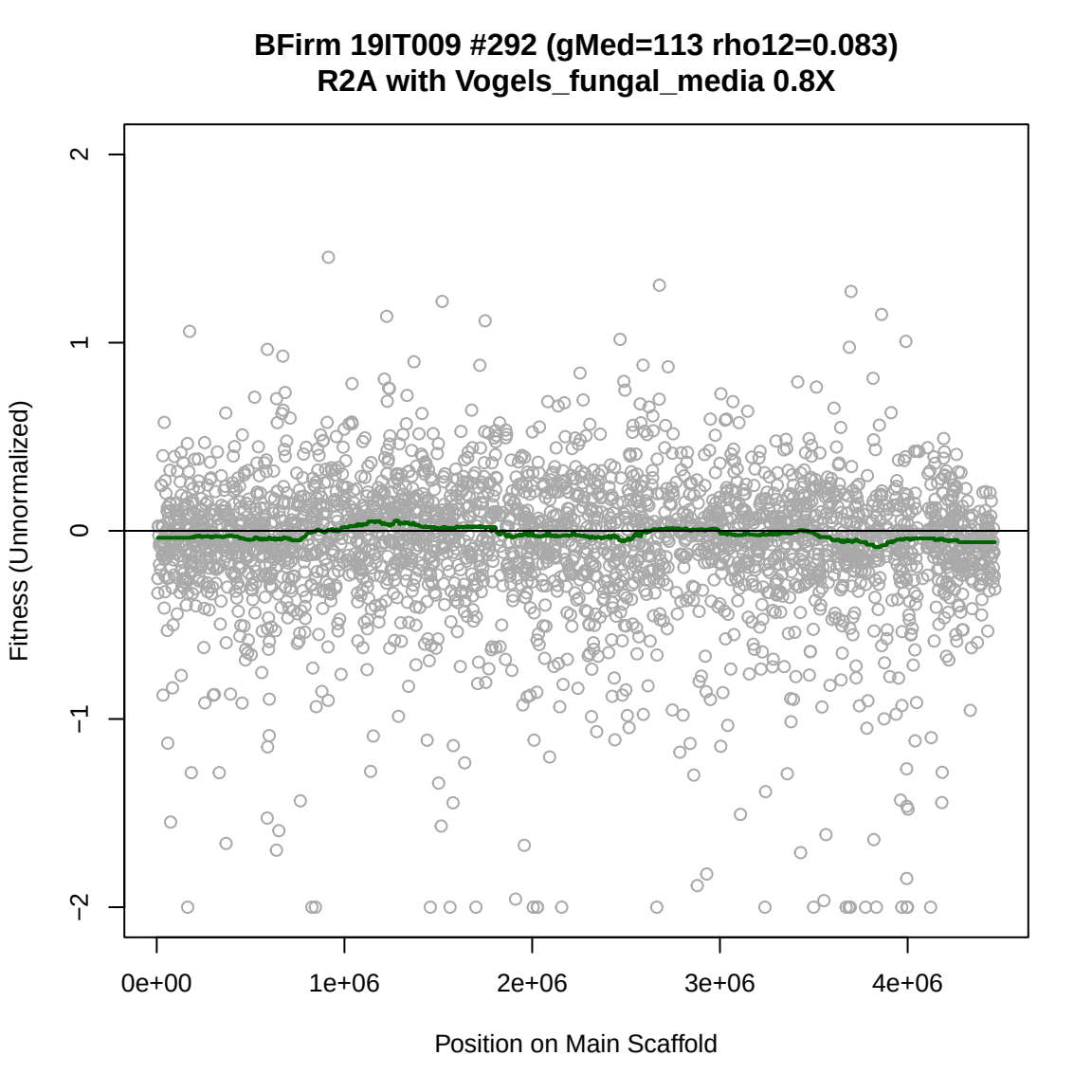

BFirm 19IT004 #287 (gMed=120 rho12=0.081)
R2A with Vogels_fungal_media 0.2X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

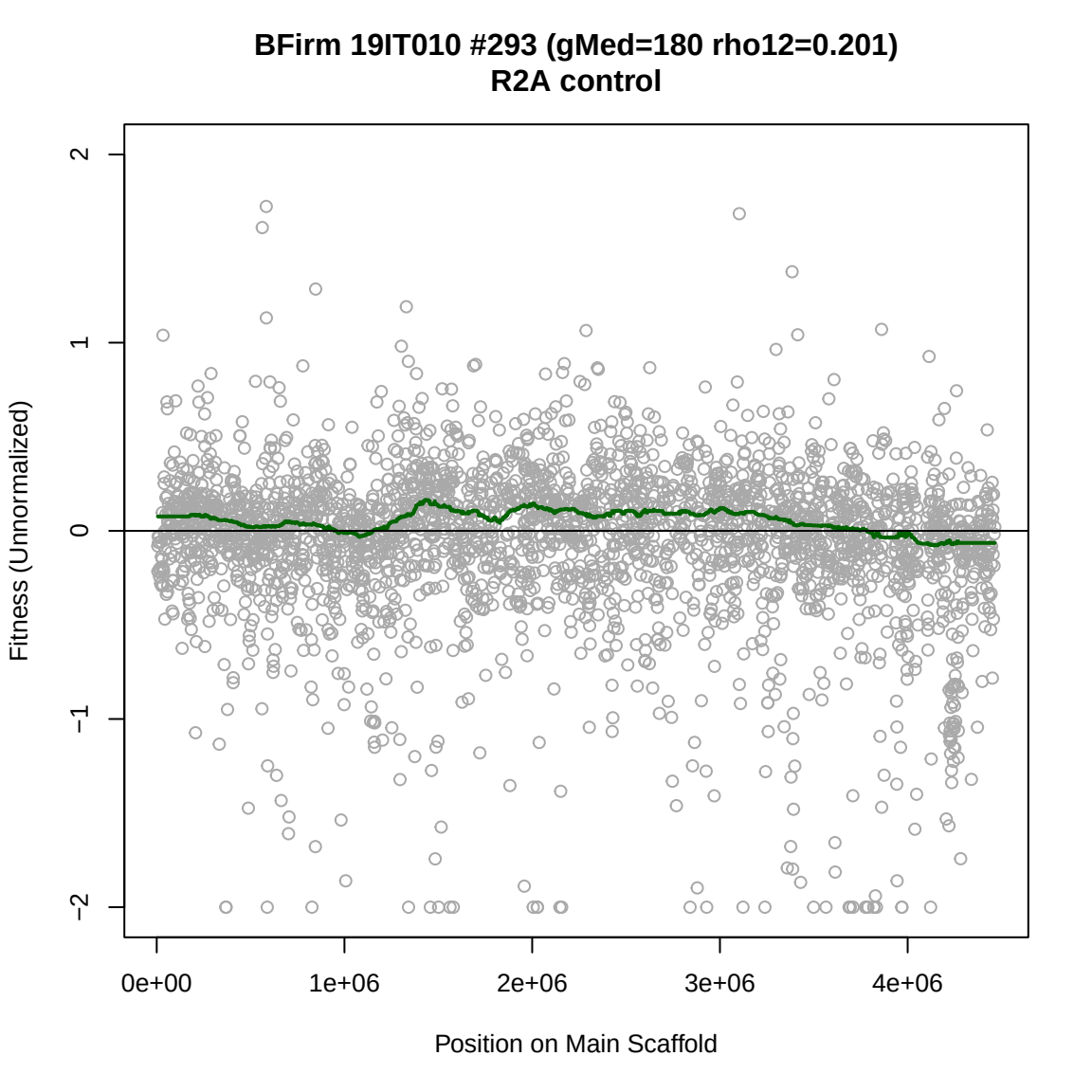

BFirm 19IT005 #288 (gMed=132 rho12=0.071)
R2A with Vogels_fungal_media 0.2X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

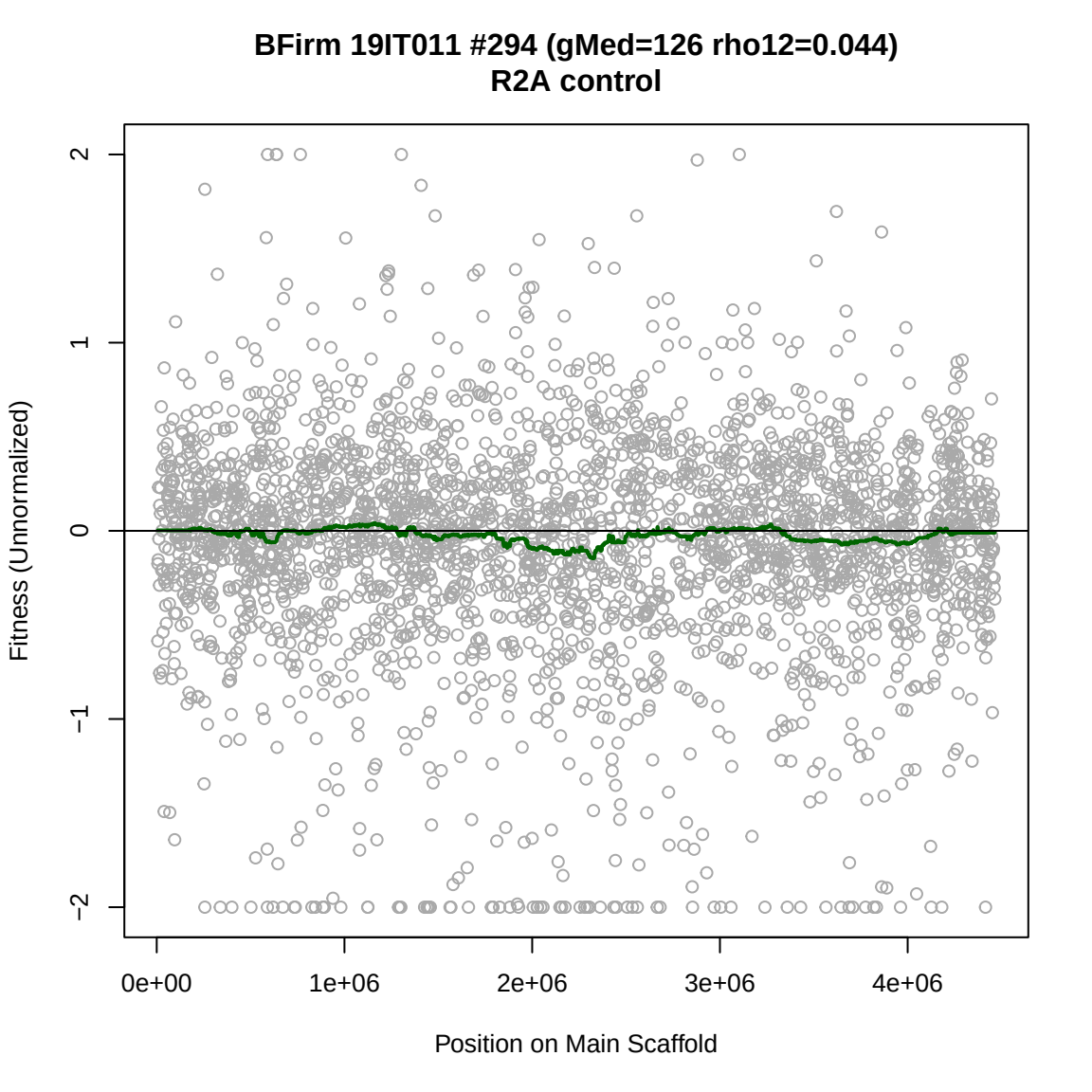

BFirm 19IT006 #289 (gMed=165 rho12=0.087)
R2A with Vogels_fungal_media 0.2X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

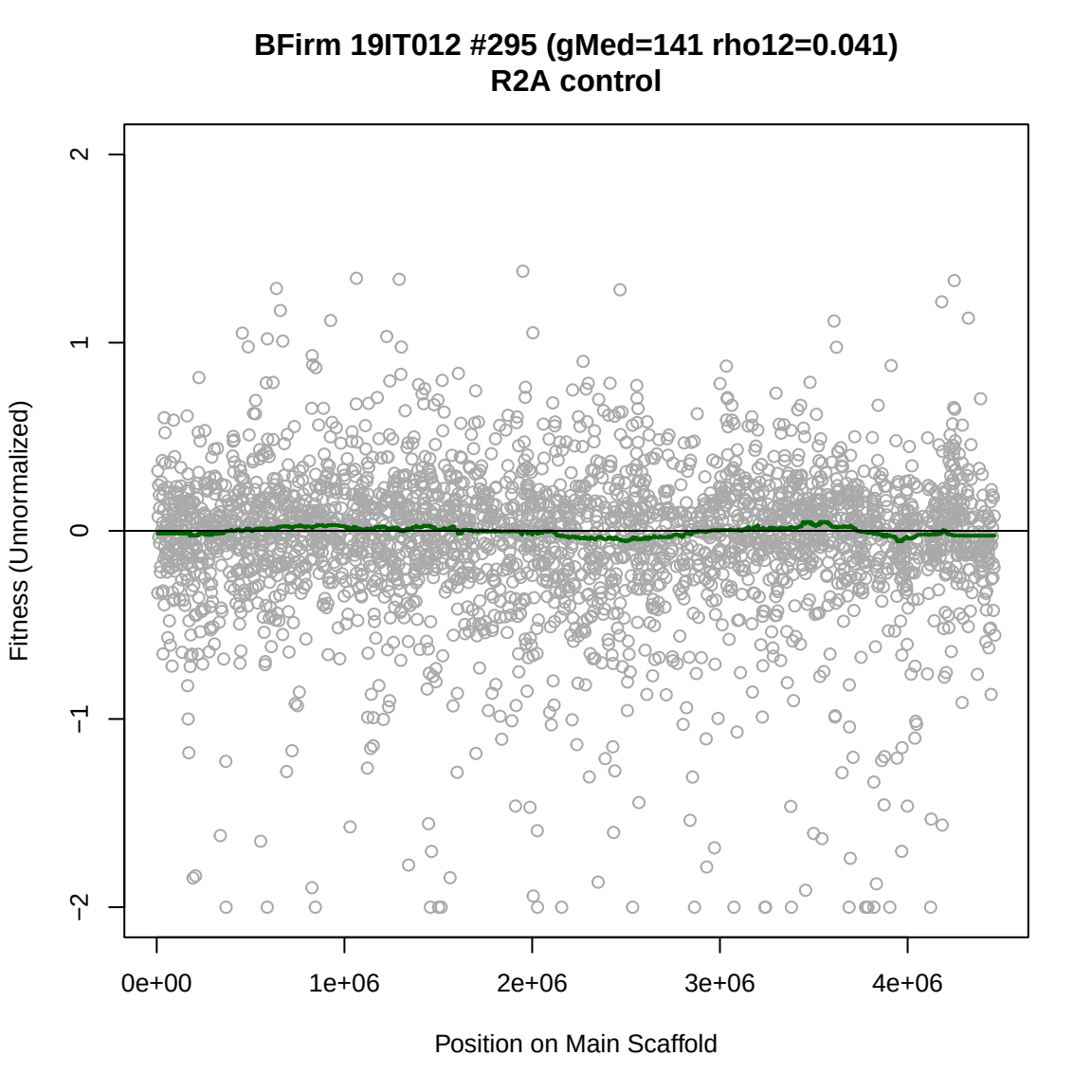

BFirm 19IT007 #290 (gMed=152 rho12=0.110)
R2A with Vogels_fungal_media 0.8X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

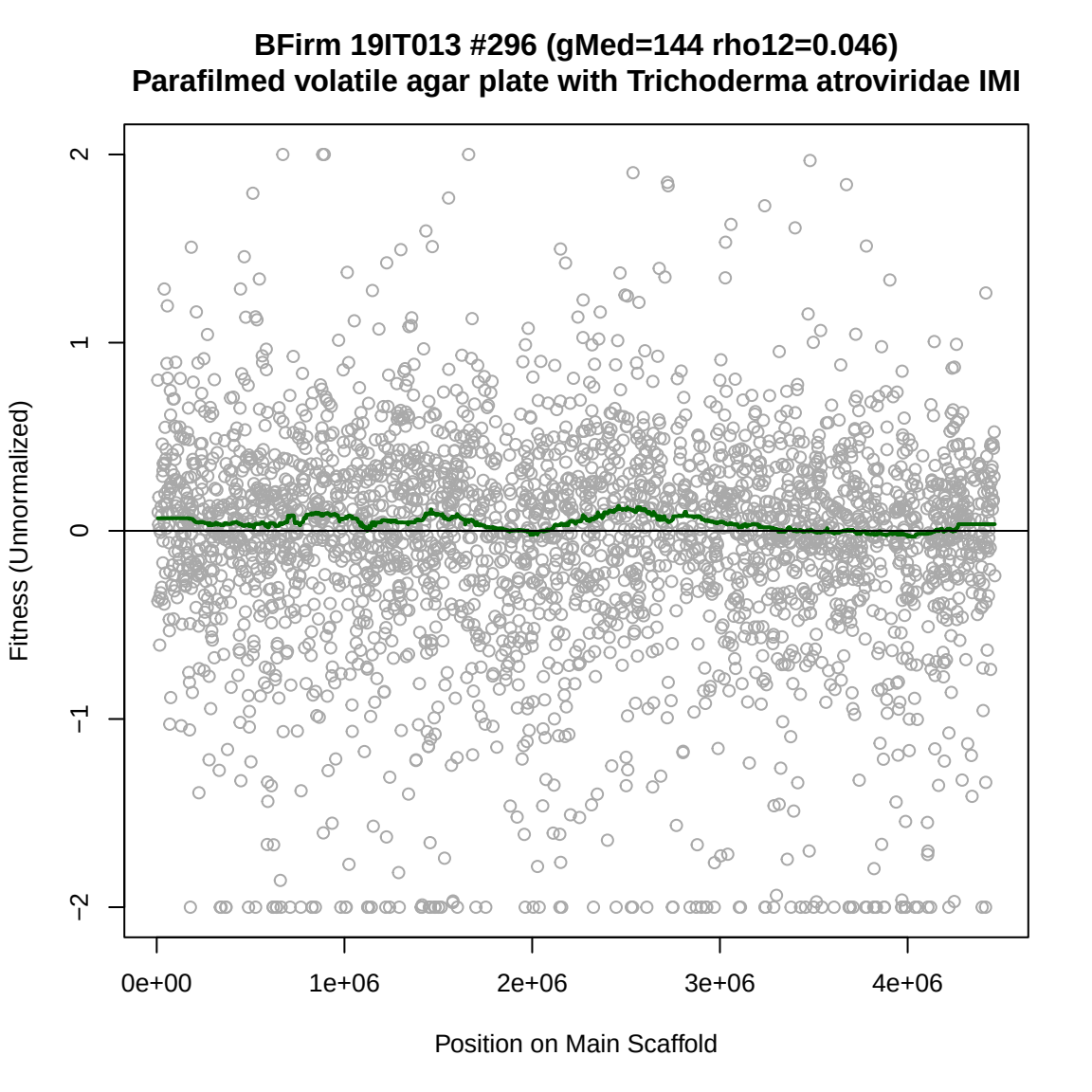

BFirm 19IT008 #291 (gMed=133 rho12=0.114)
R2A with Vogels_fungal_media 0.8X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

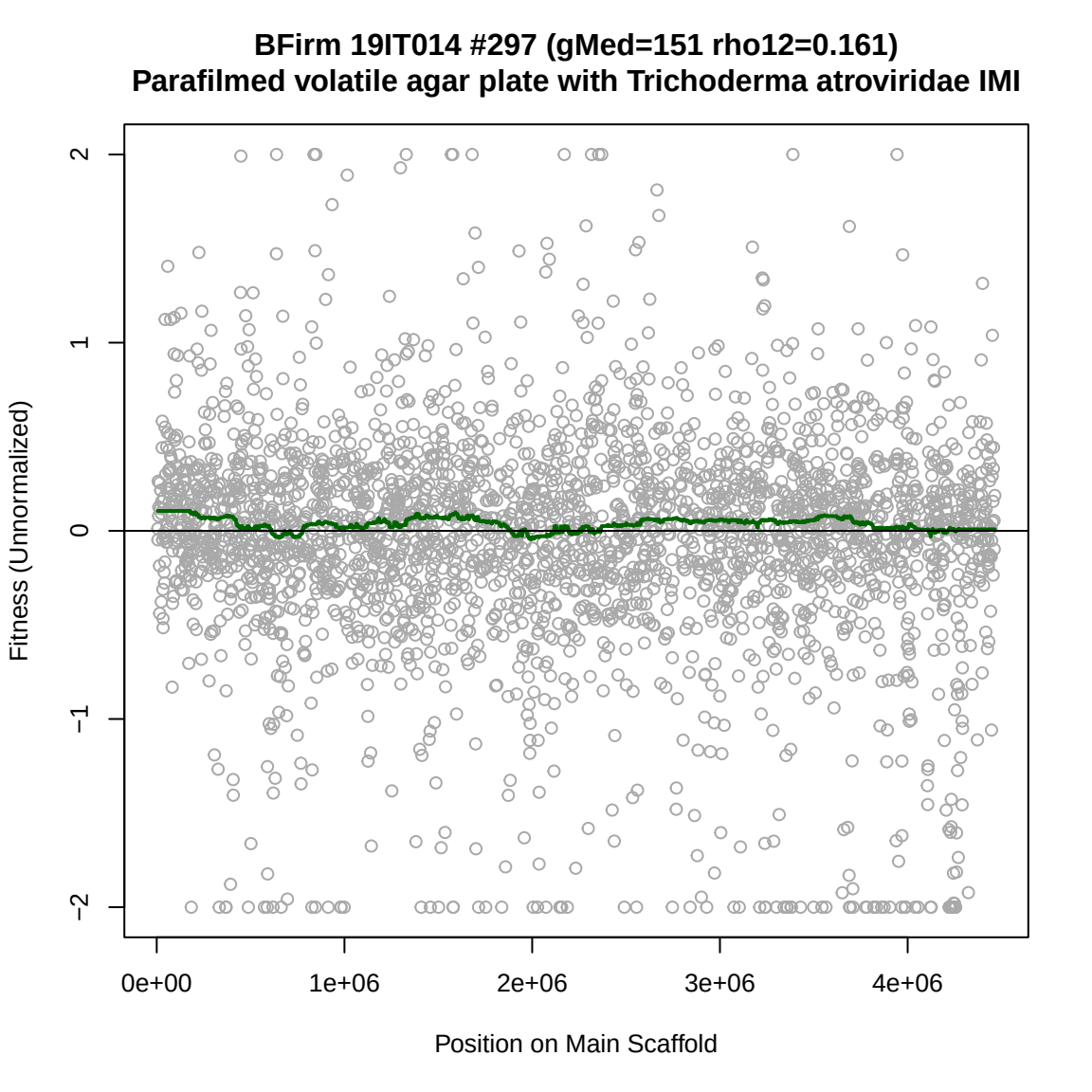

BFirm 19IT009 #292 (gMed=113 rho12=0.083)
R2A with Vogels_fungal_media 0.8X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

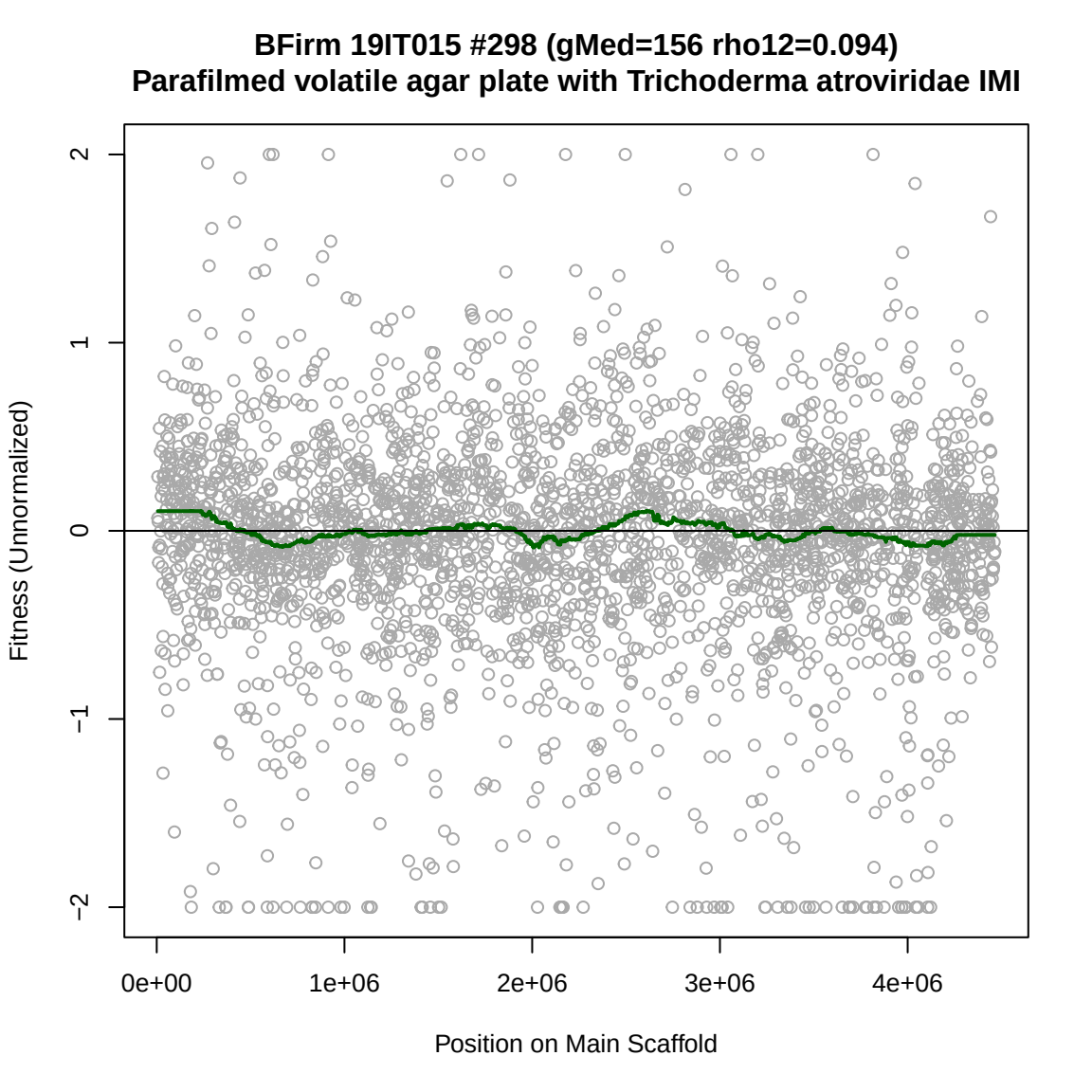

BFirm 19IT010 #293 (gMed=180 rho12=0.201)
R2A control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

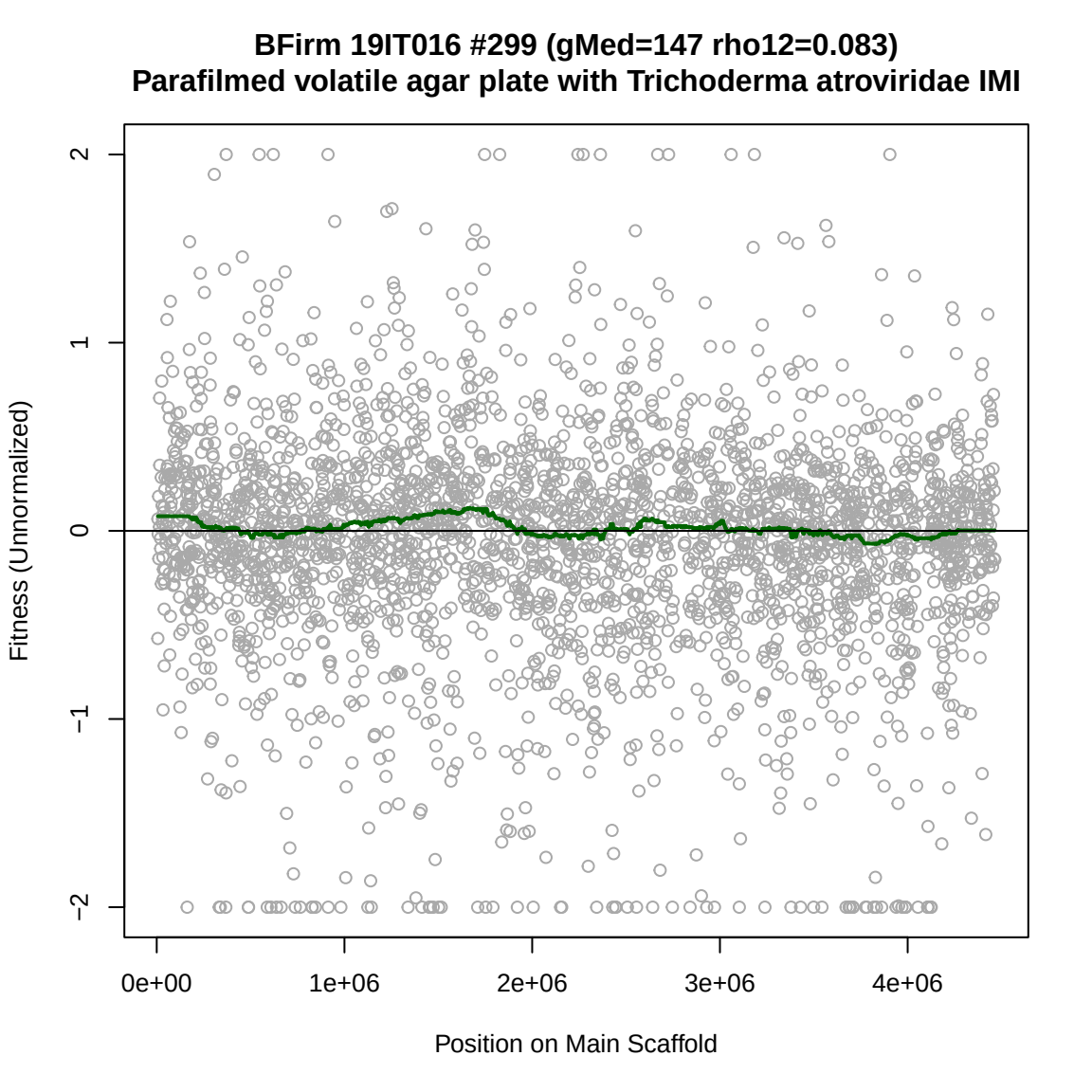

BFirm 19IT011 #294 (gMed=126 rho12=0.044)
R2A control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

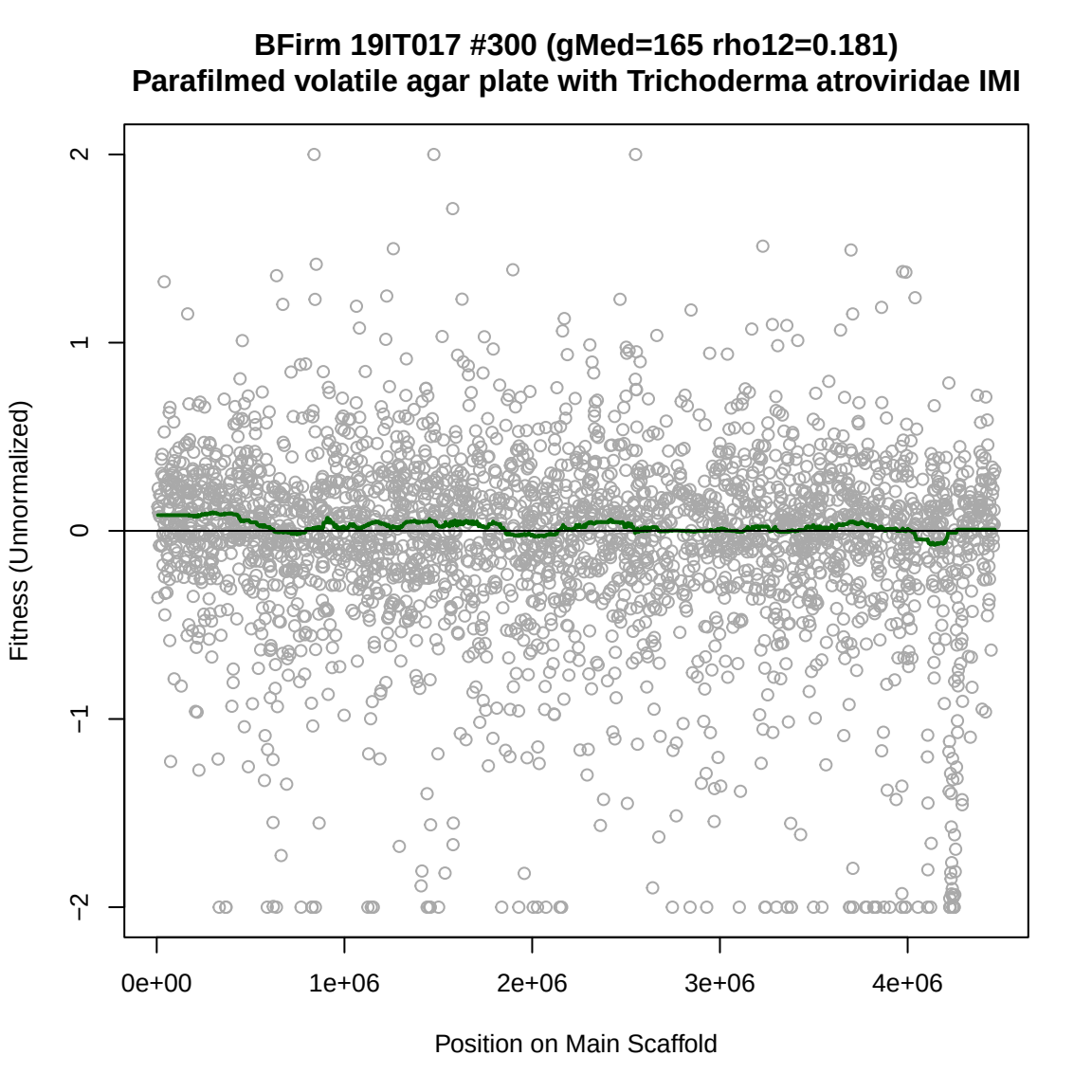

BFirm 19IT012 #295 (gMed=141 rho12=0.041)
R2A control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

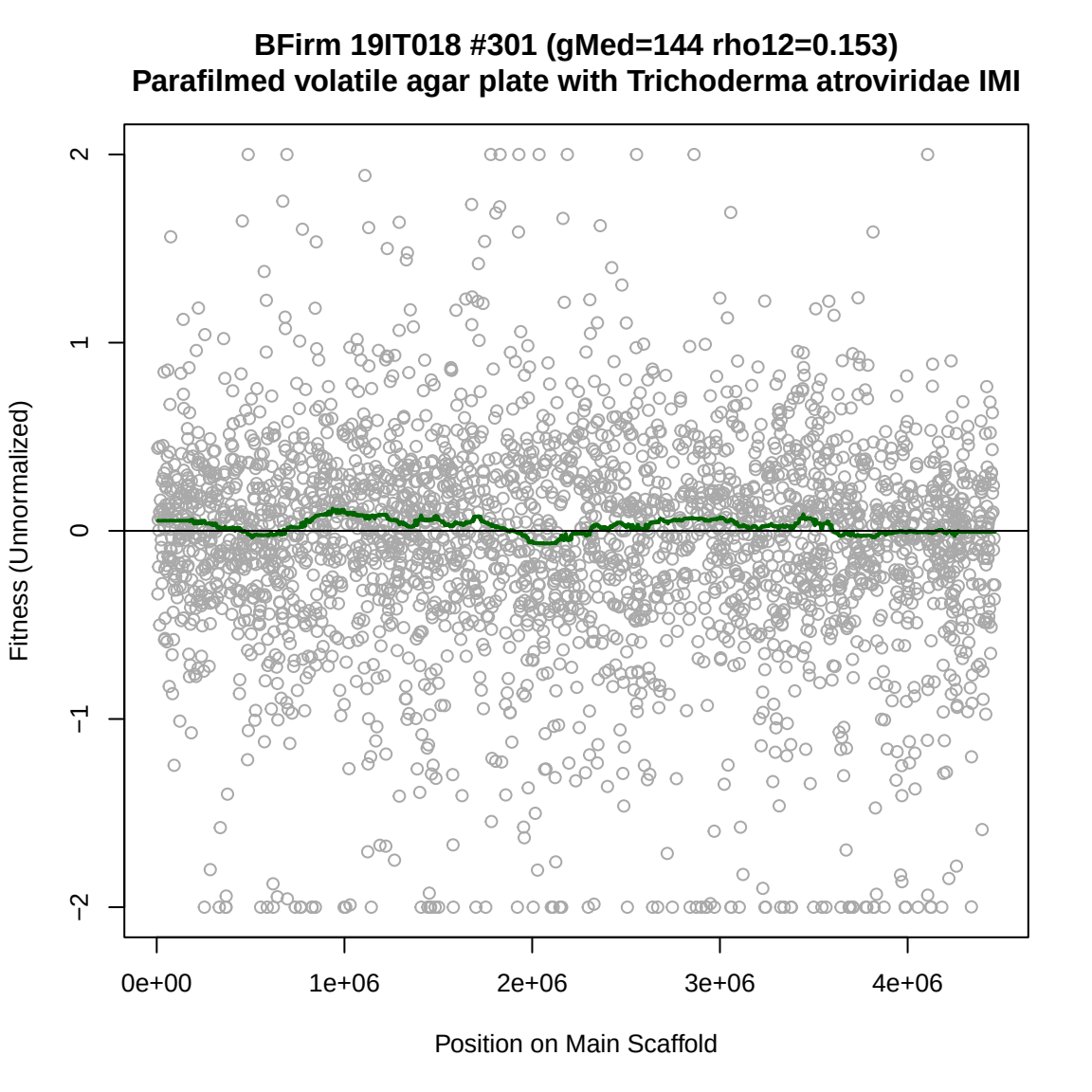

BFirm 19IT013 #296 (gMed=144 rho12=0.046)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

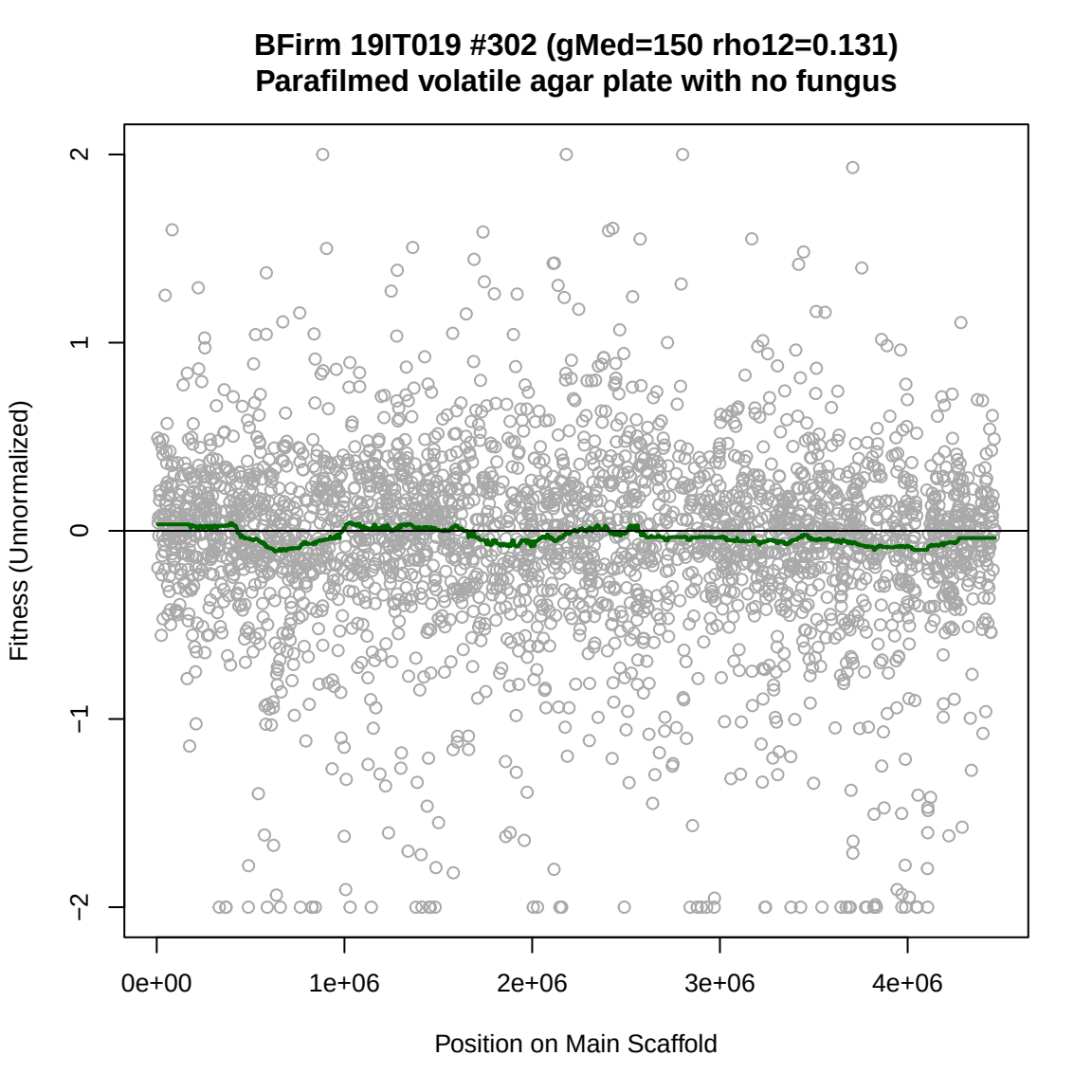

BFirm 19IT014 #297 (gMed=151 rho12=0.161)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

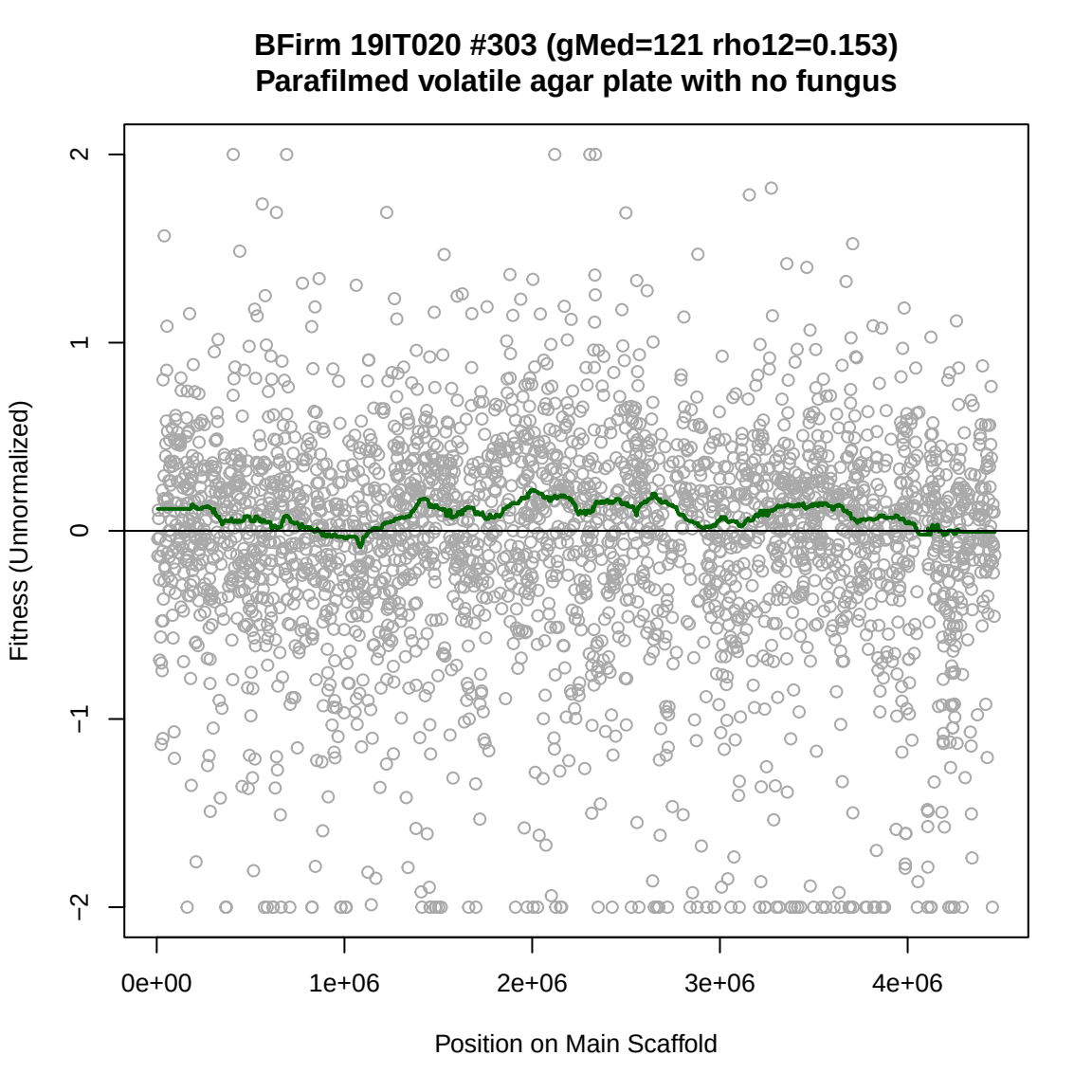

BFirm 19IT015 #298 (gMed=156 rho12=0.094)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

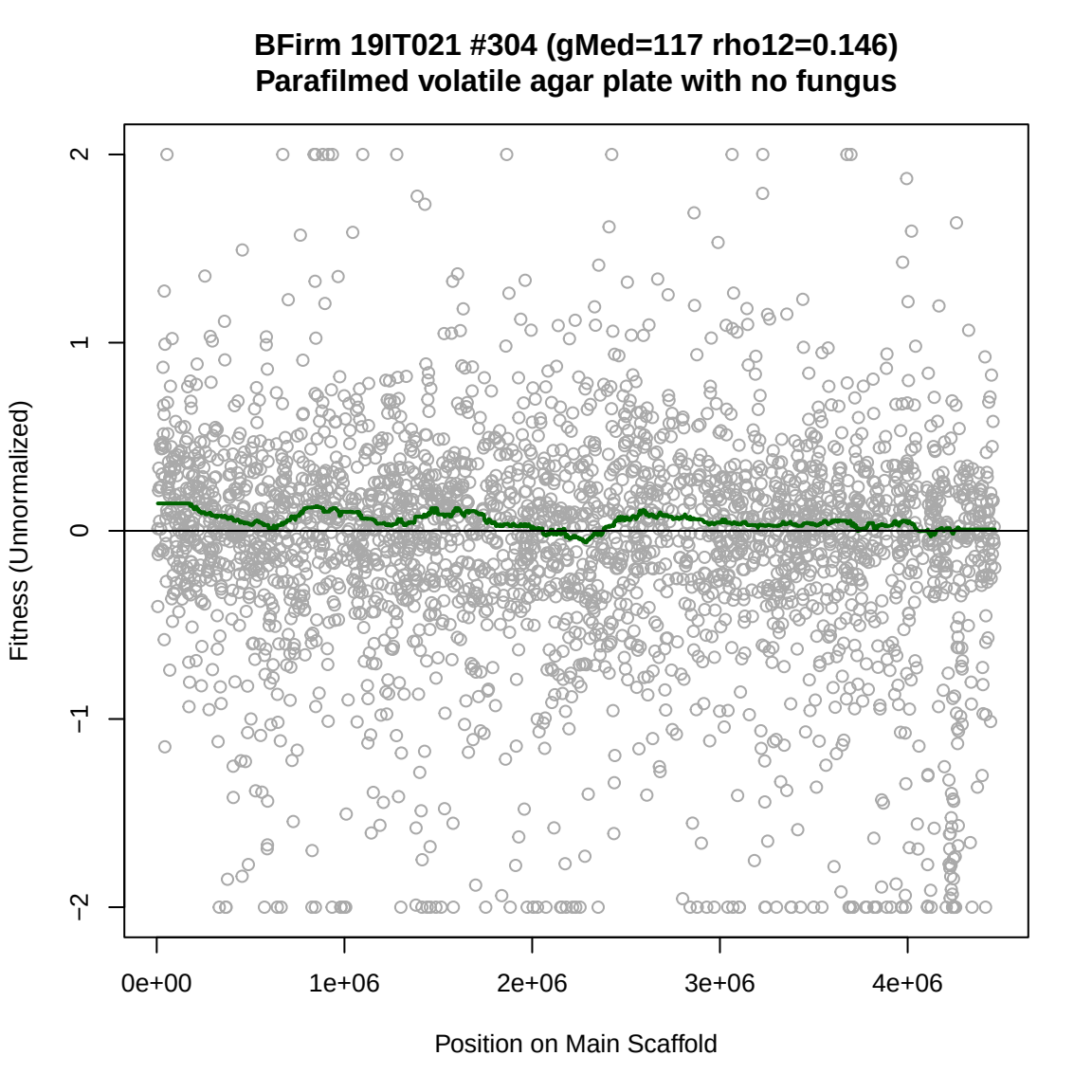

BFirm 19IT016 #299 (gMed=147 rho12=0.083)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

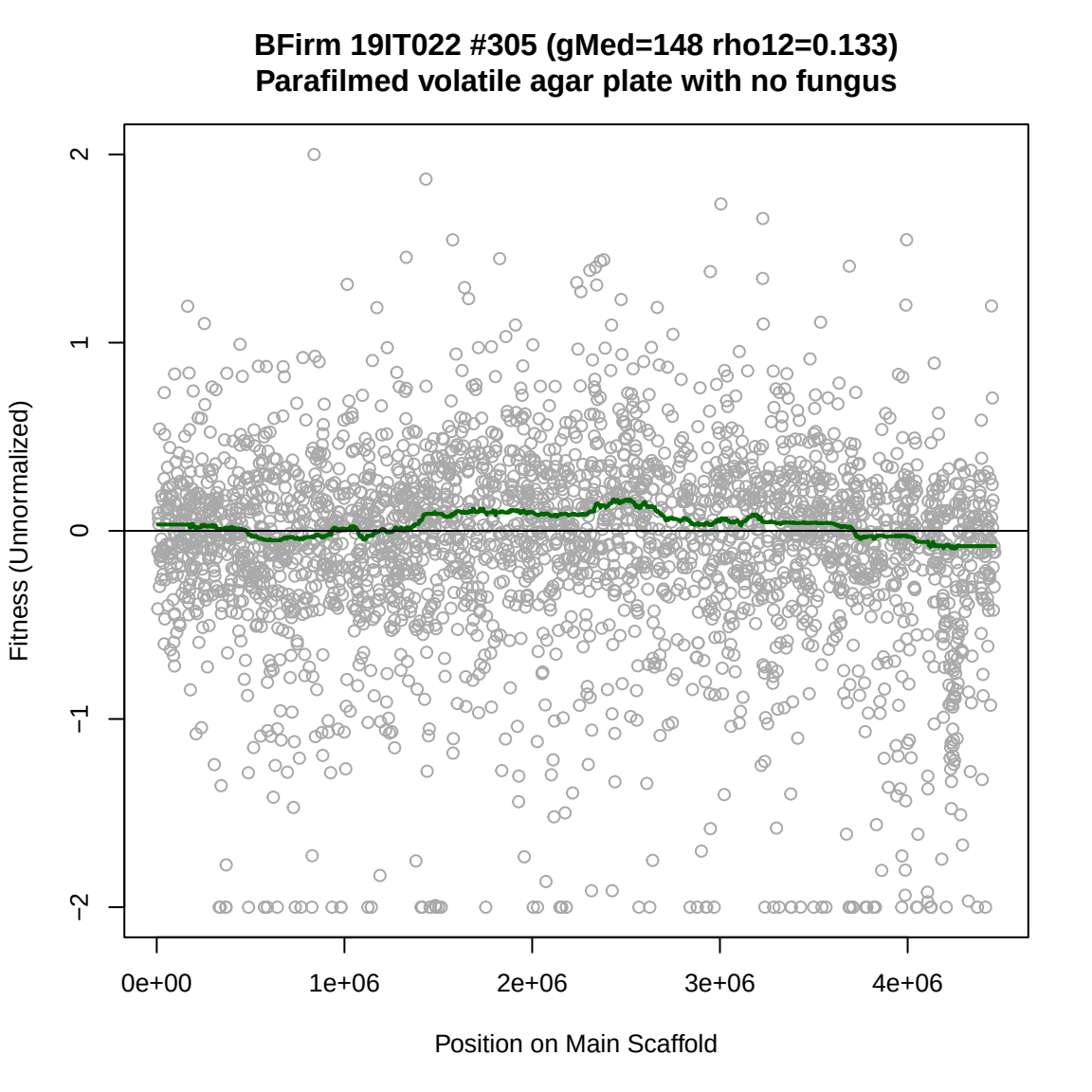

BFirm 19IT017 #300 (gMed=165 rho12=0.181)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

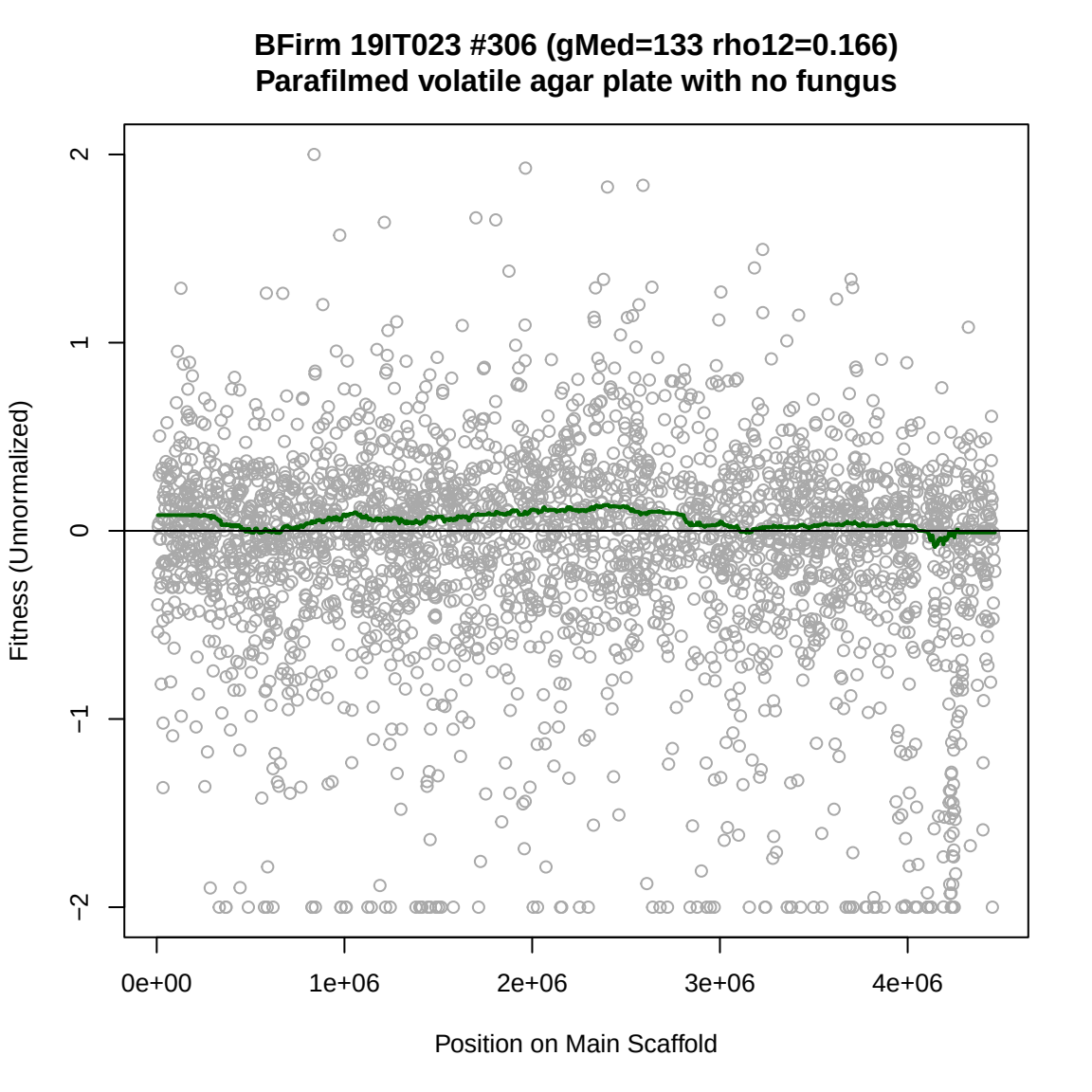

BFirm 19IT018 #301 (gMed=144 rho12=0.153)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

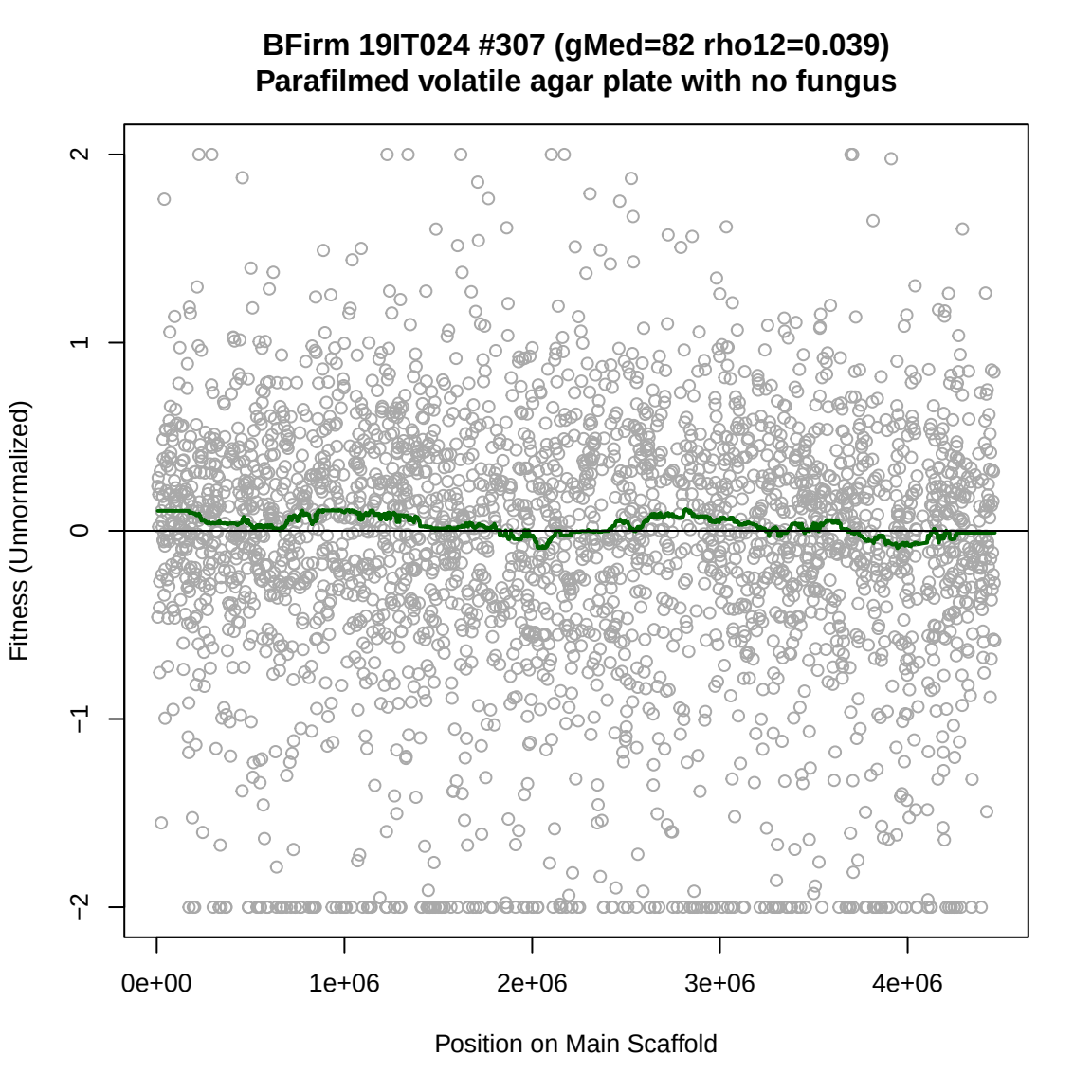

BFirm 19IT019 #302 (gMed=150 rho12=0.131)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

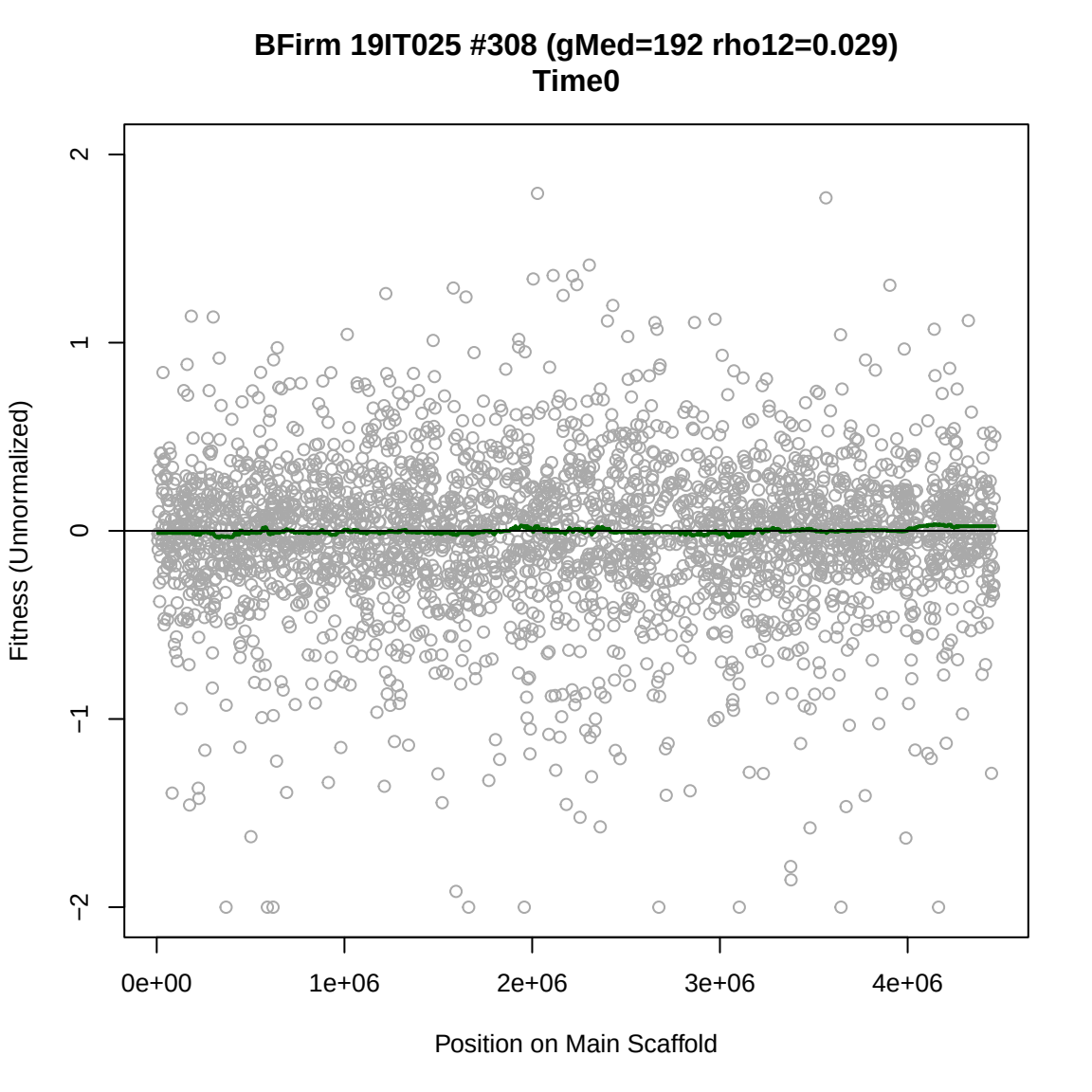

BFirm 19IT020 #303 (gMed=121 rho12=0.153)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

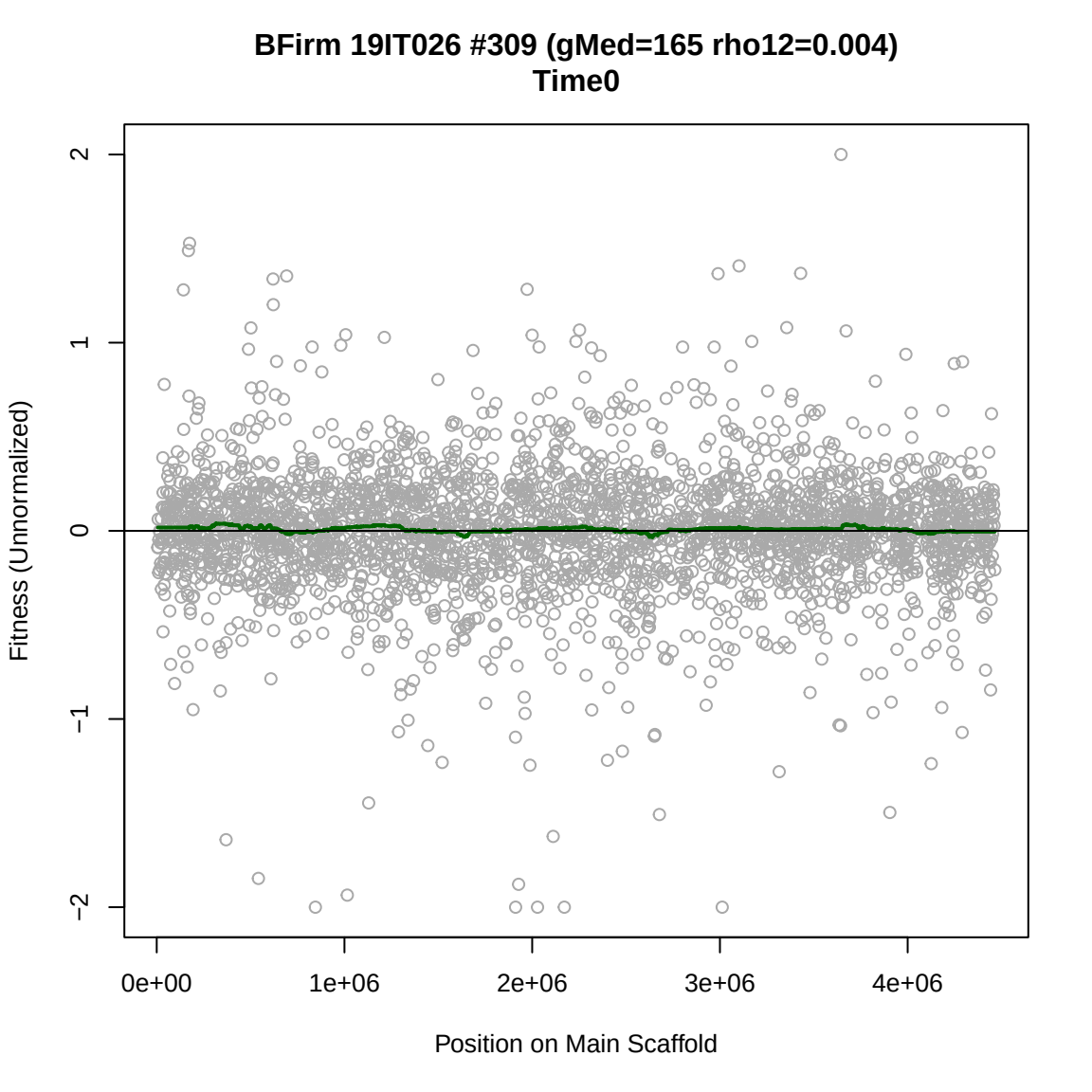

BFirm 19IT021 #304 (gMed=117 rho12=0.146)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

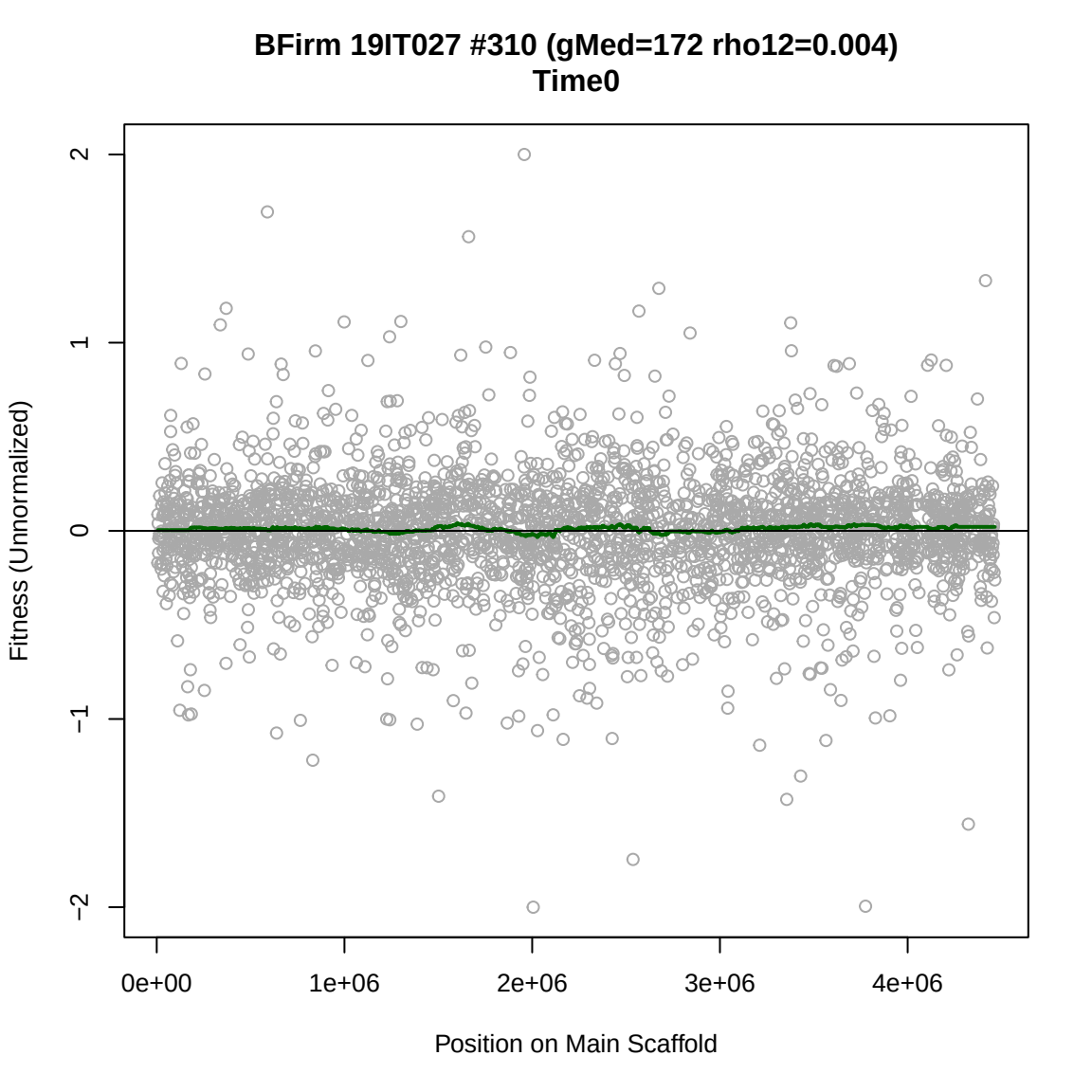

BFirm 19IT022 #305 (gMed=148 rho12=0.133)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

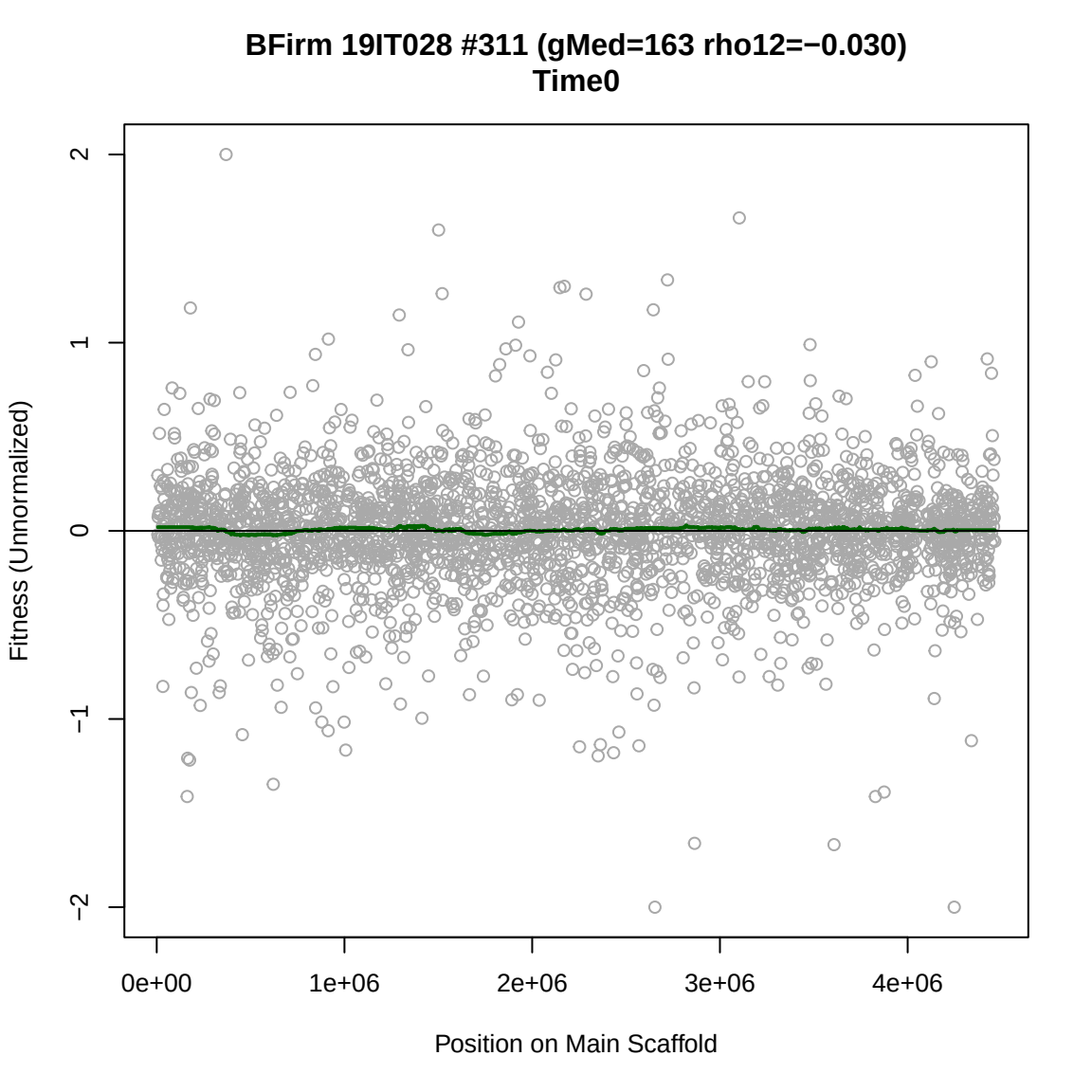

BFirm 19IT023 #306 (gMed=133 rho12=0.166)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

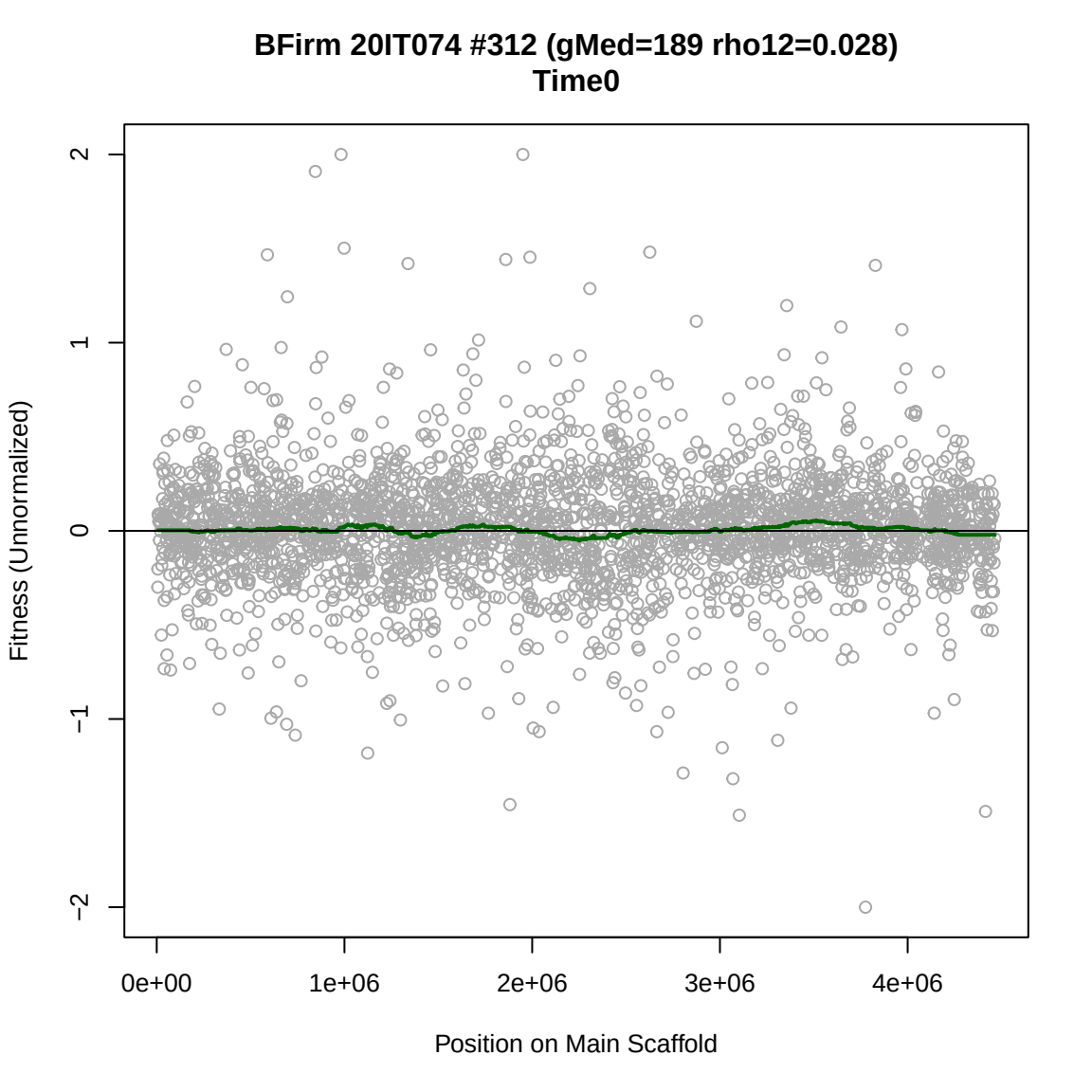

BFirm 19IT024 #307 (gMed=82 rho12=0.039)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

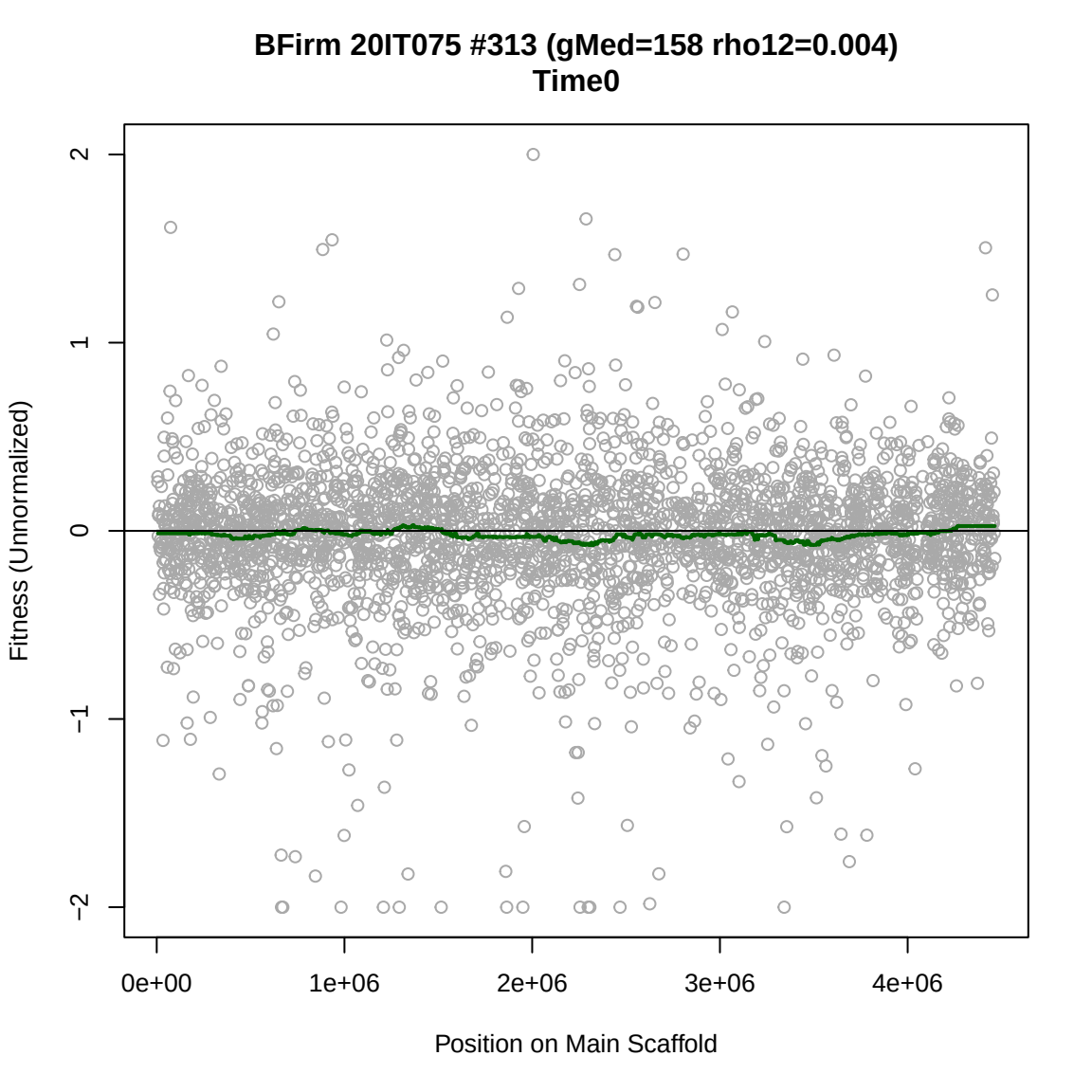

BFirm 19IT025 #308 (gMed=192 rho12=0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

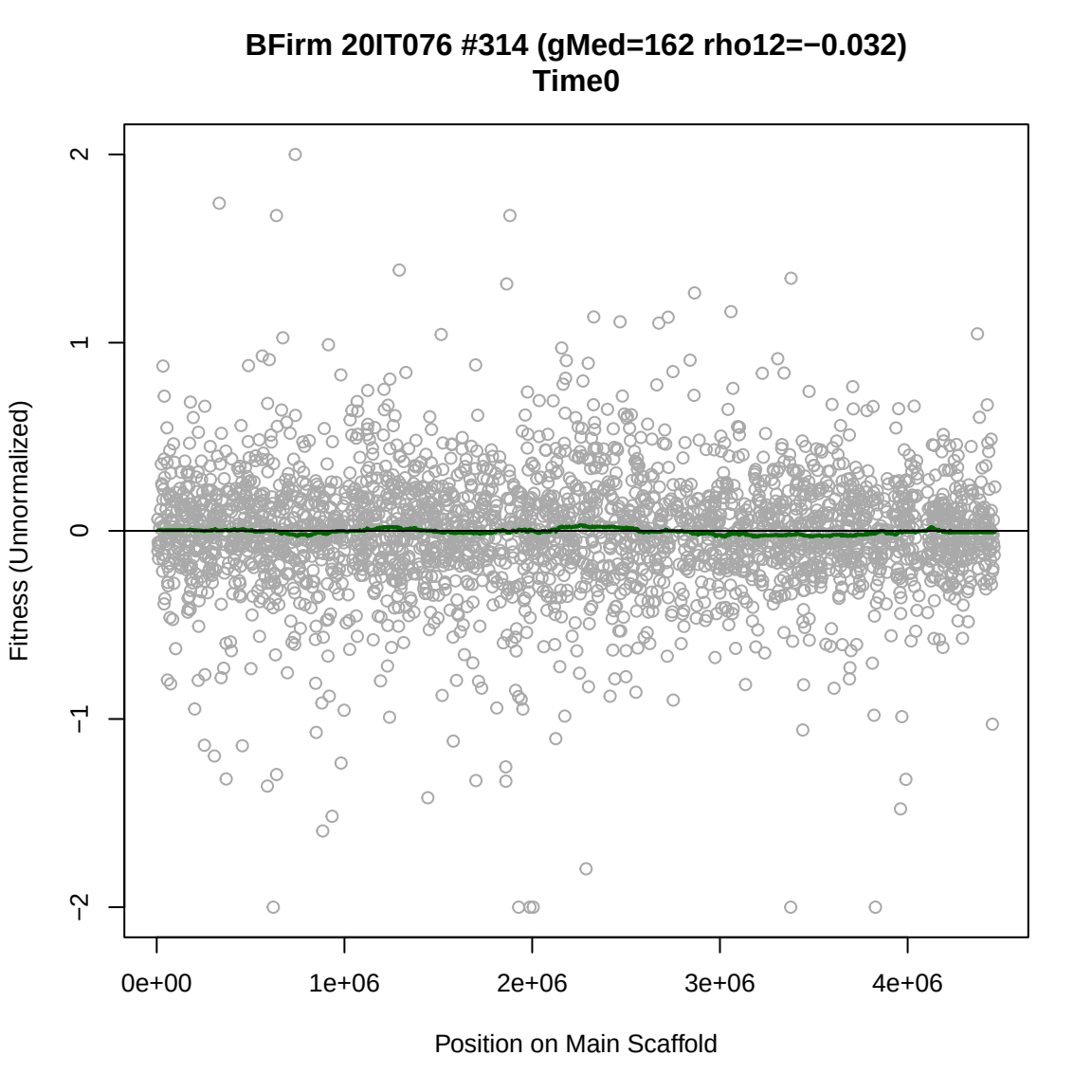

BFirm 19IT026 #309 (gMed=165 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

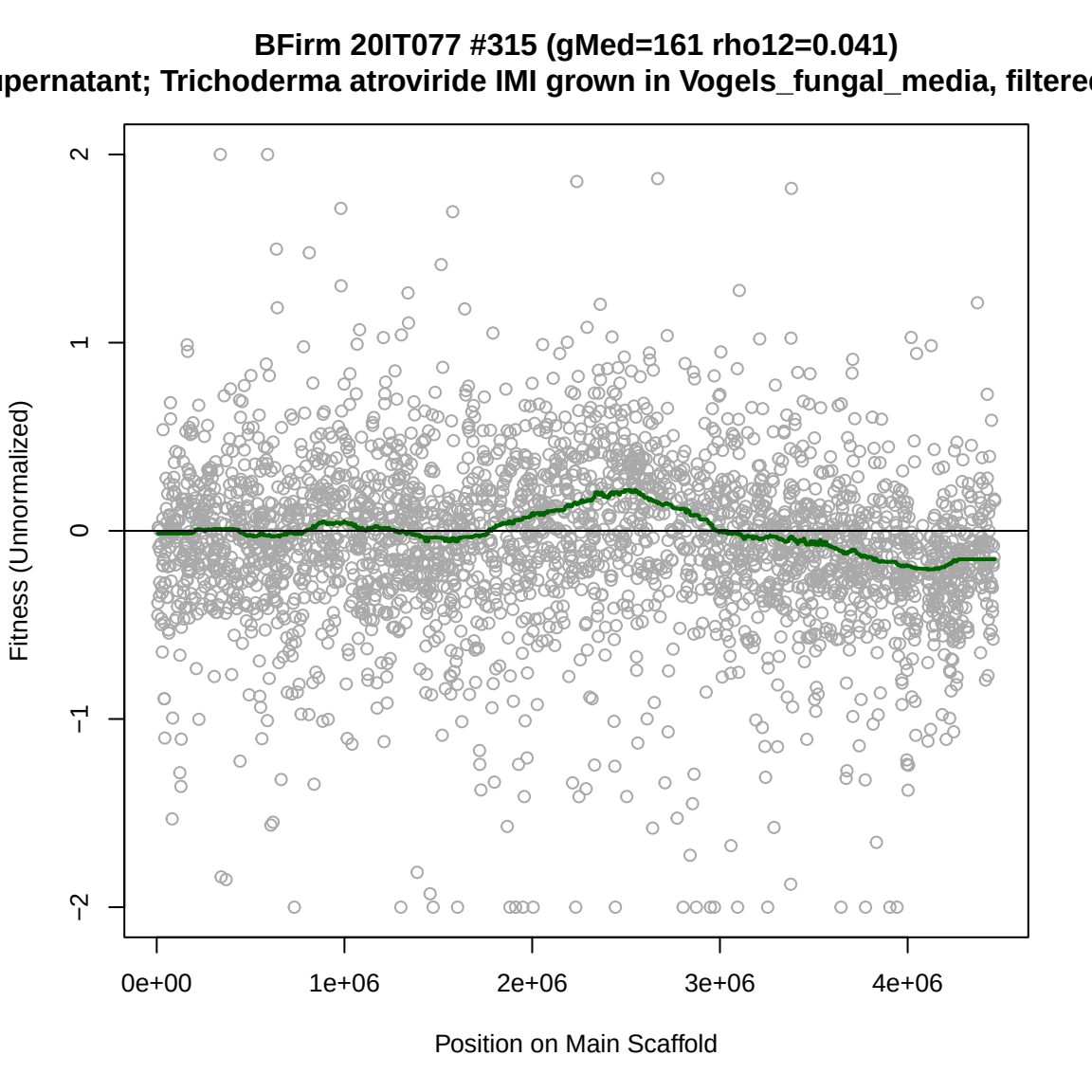

BFirm 19IT027 #310 (gMed=172 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

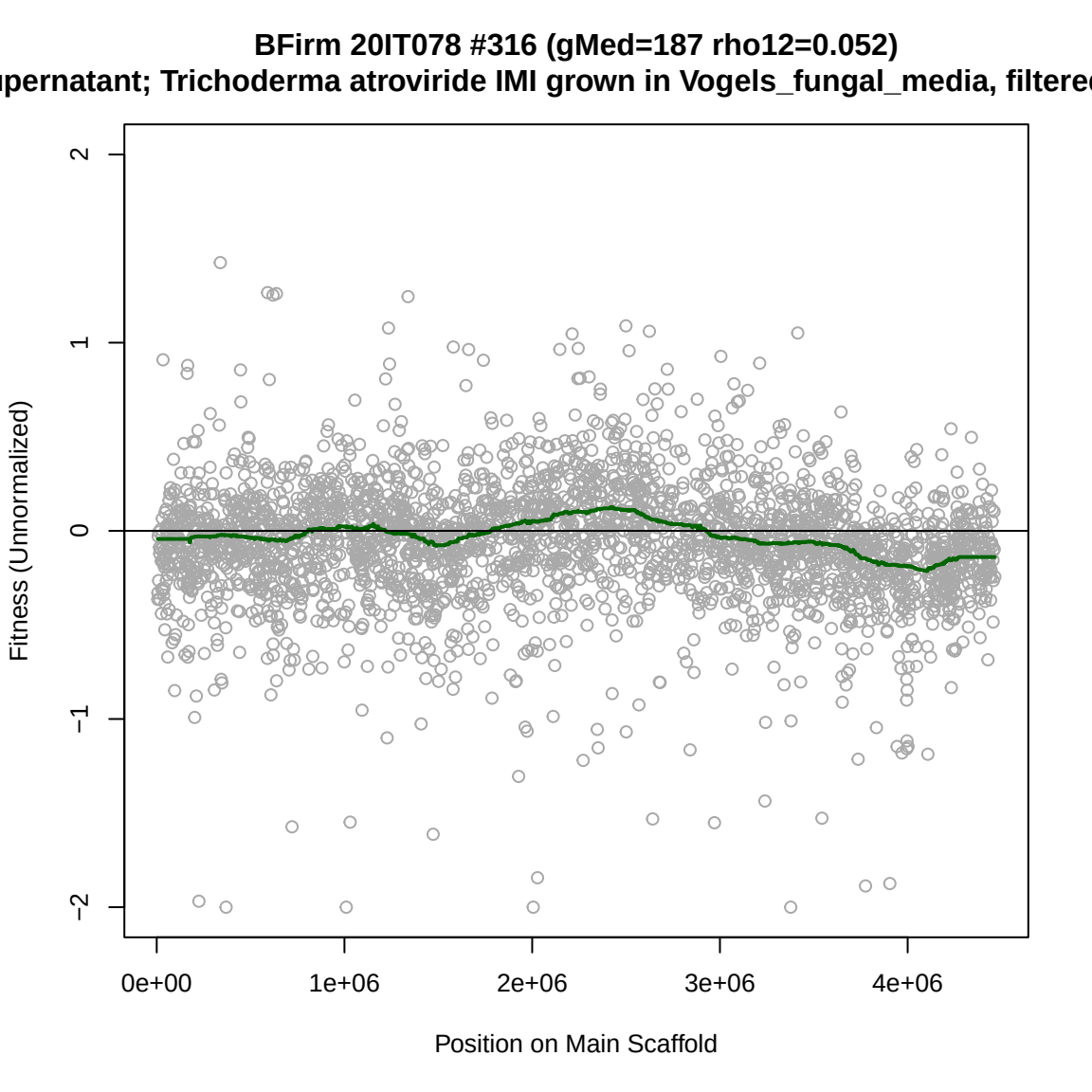

BFirm 19IT028 #311 (gMed=163 rho12=−0.030)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

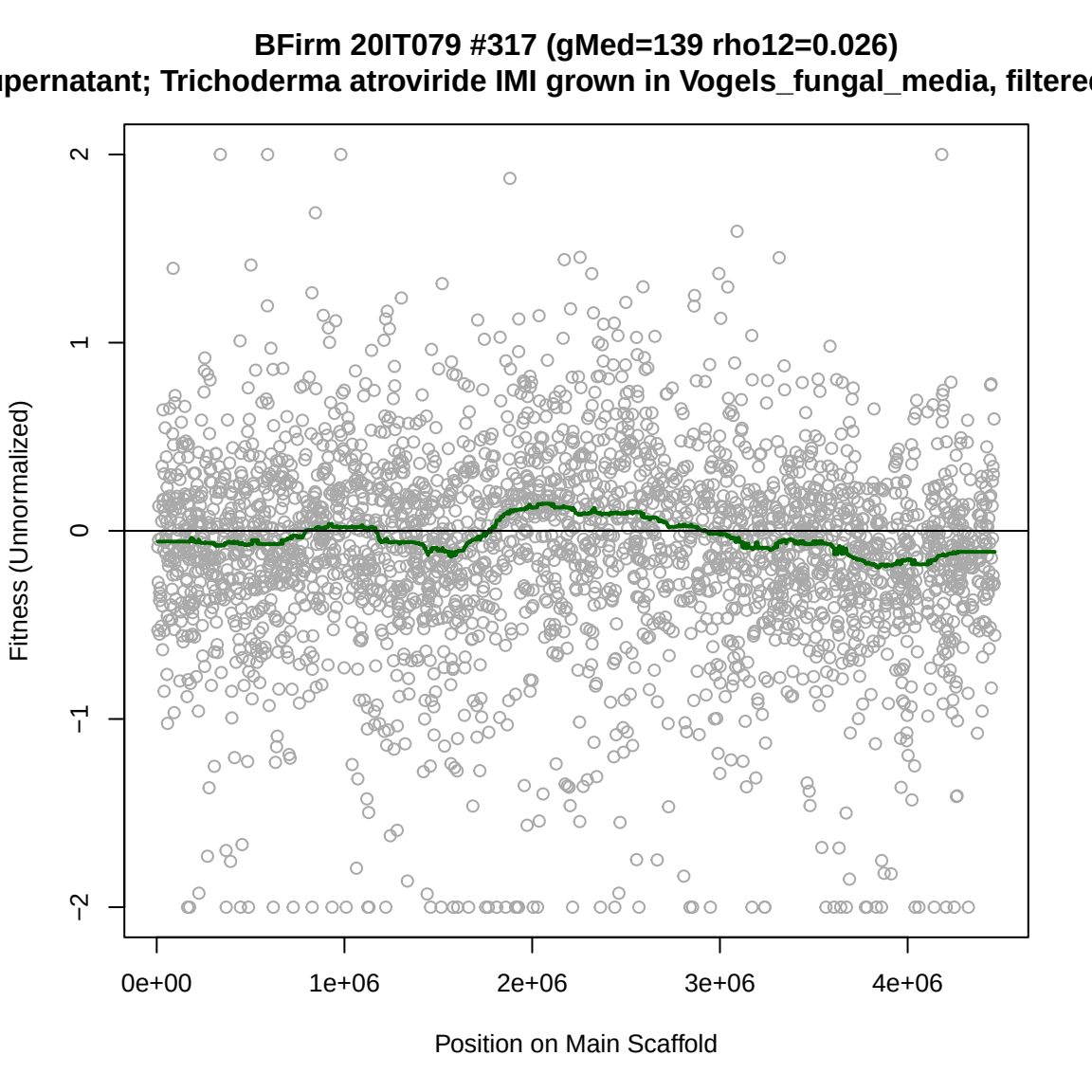

BFirm 20IT074 #312 (gMed=189 rho12=0.028)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

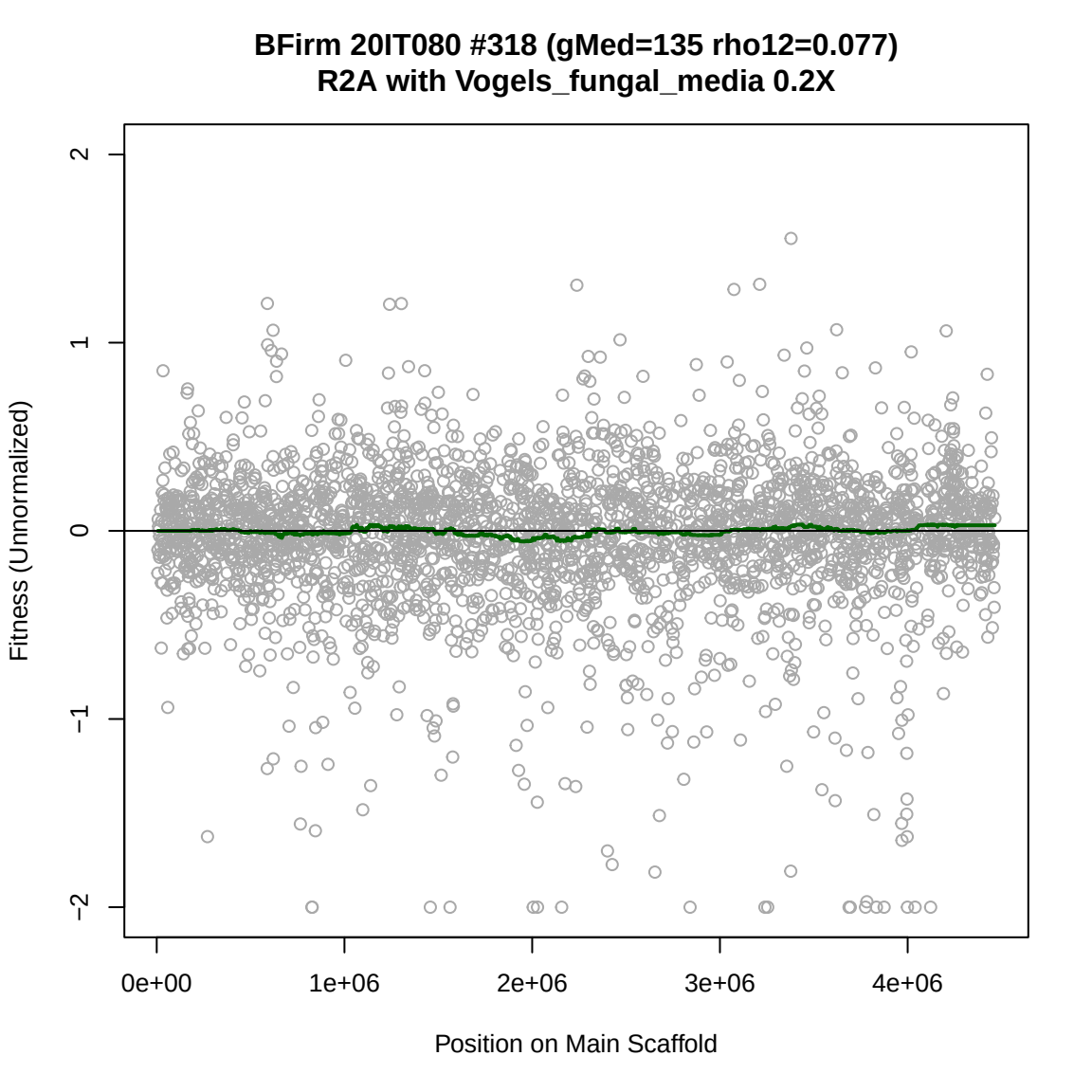

BFirm 20IT075 #313 (gMed=158 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

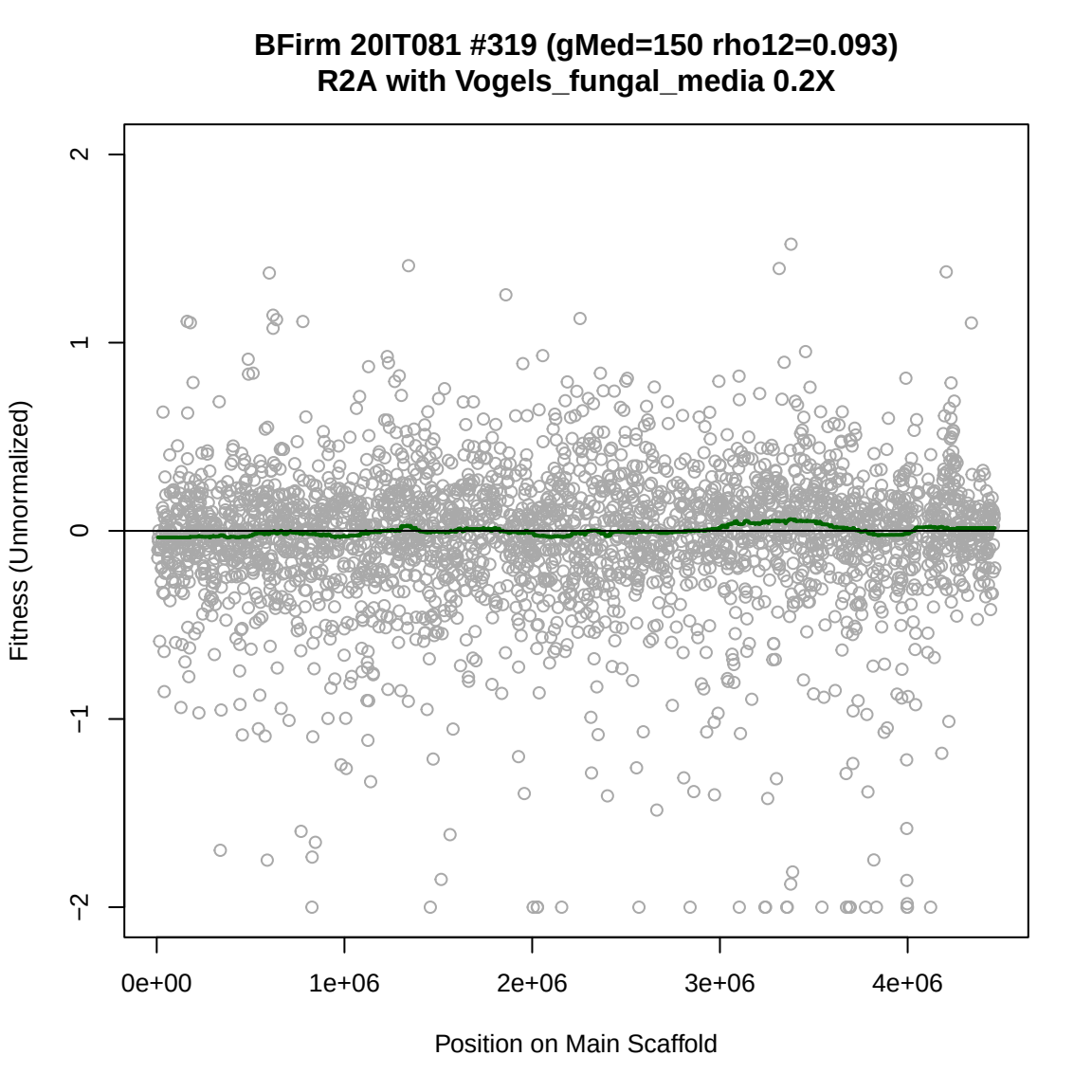

BFirm 20IT076 #314 (gMed=162 rho12=−0.032)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

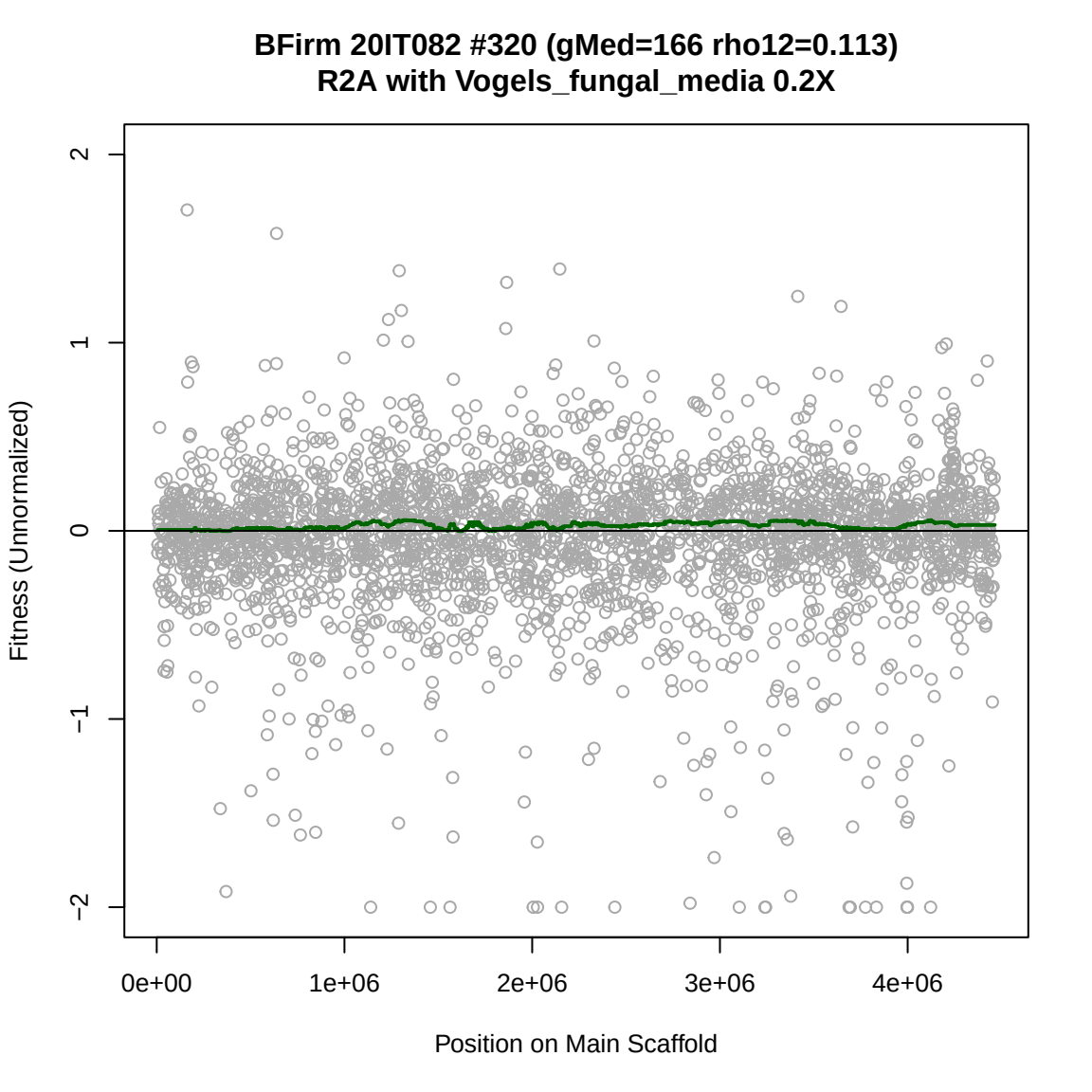

BFirm 20IT077 #315 (gMed=161 rho12=0.041)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

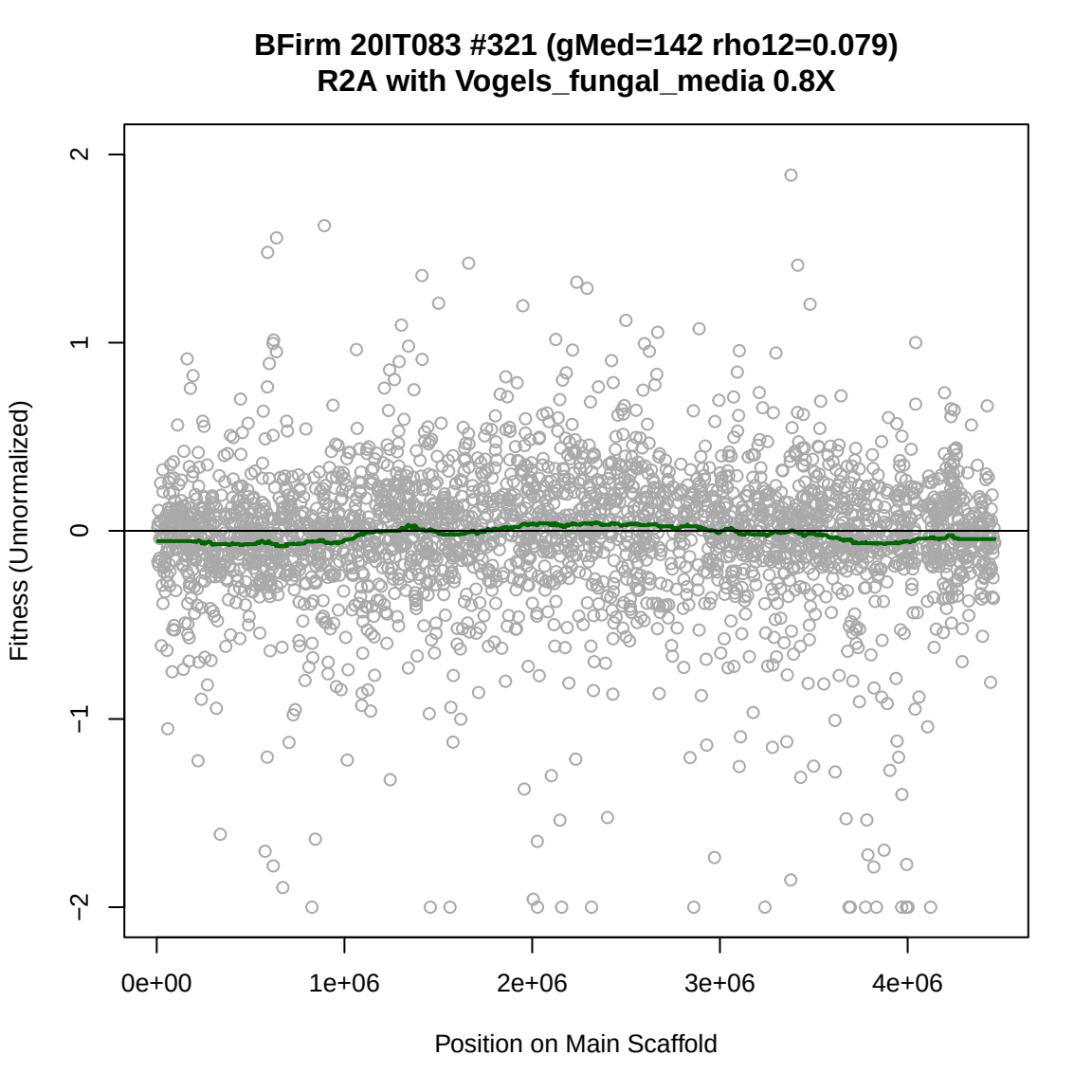

BFirm 20IT078 #316 (gMed=187 rho12=0.052)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

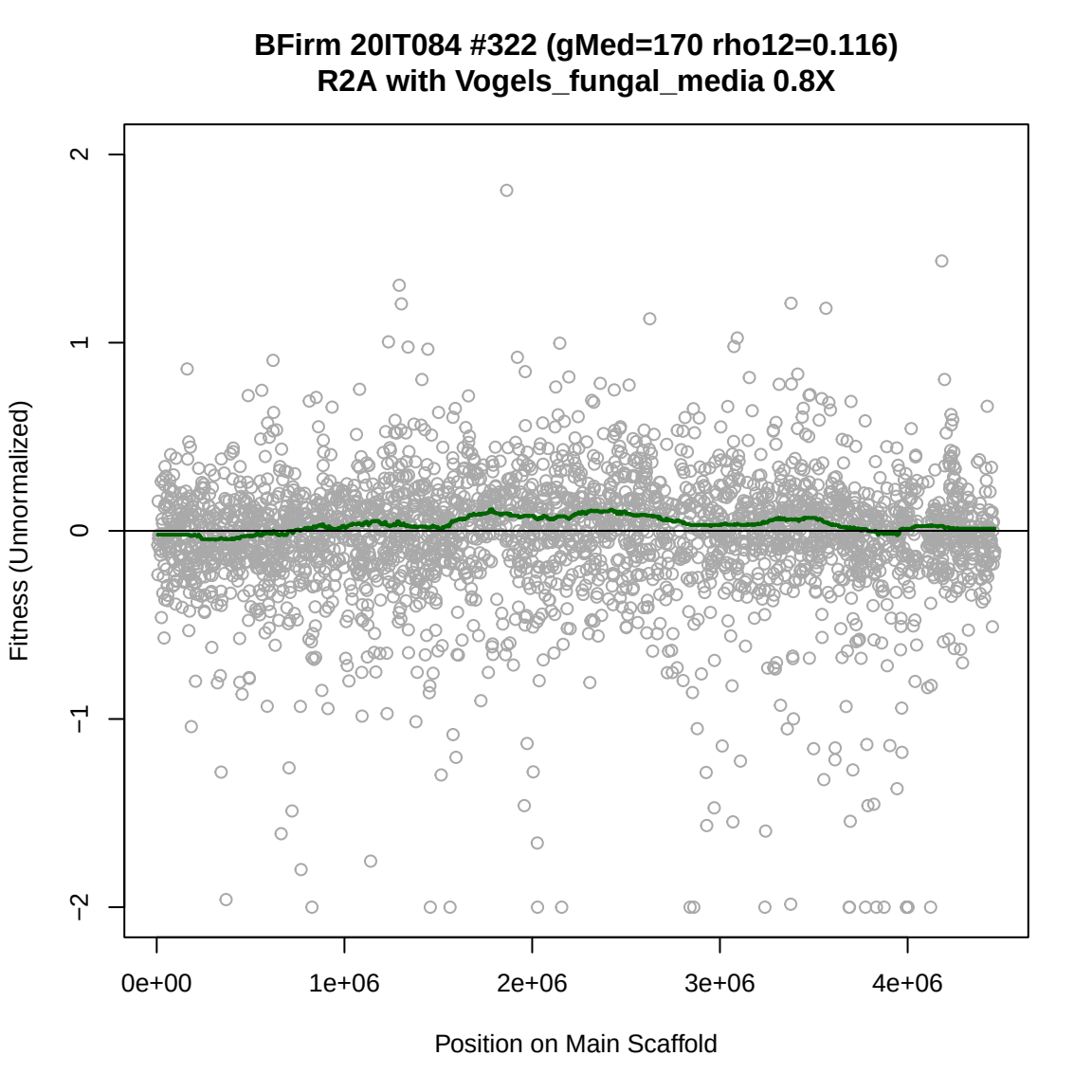

BFirm 20IT079 #317 (gMed=139 rho12=0.026)
upernatant; Trichoderma atroviride IMI grown in Vogels_fungal_media, filtere
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

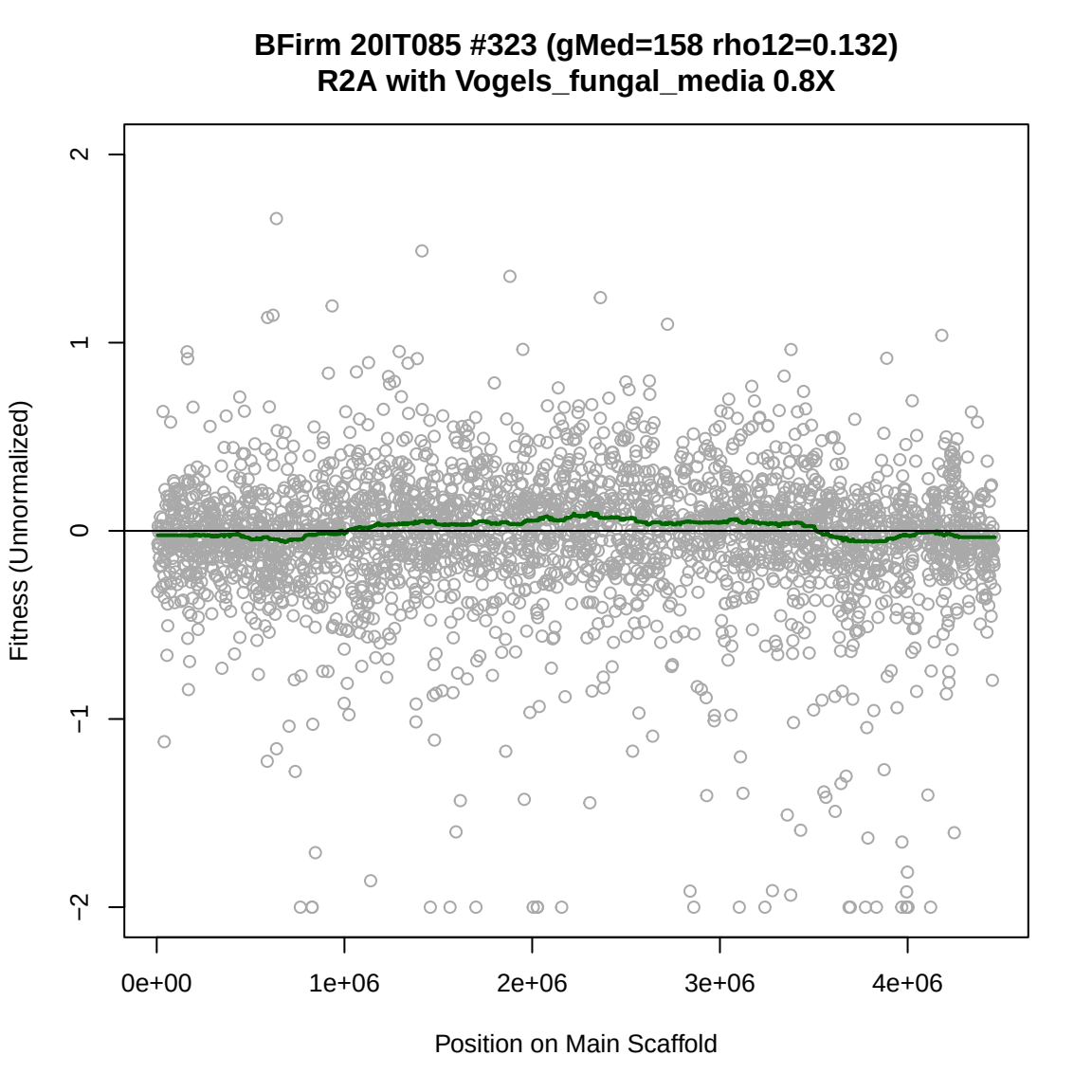

BFirm 20IT080 #318 (gMed=135 rho12=0.077)
R2A with Vogels_fungal_media 0.2X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

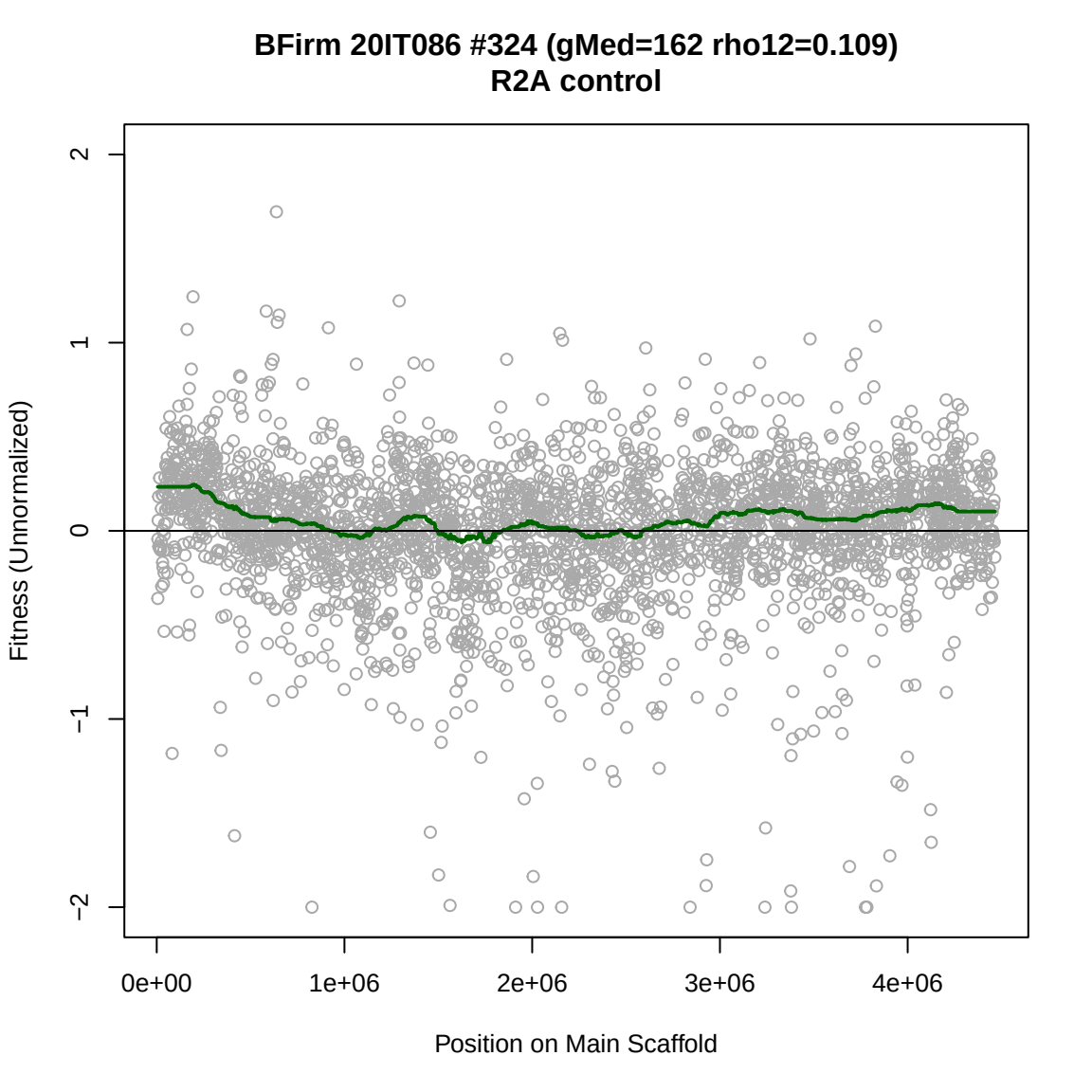

BFirm 20IT081 #319 (gMed=150 rho12=0.093)
R2A with Vogels_fungal_media 0.2X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

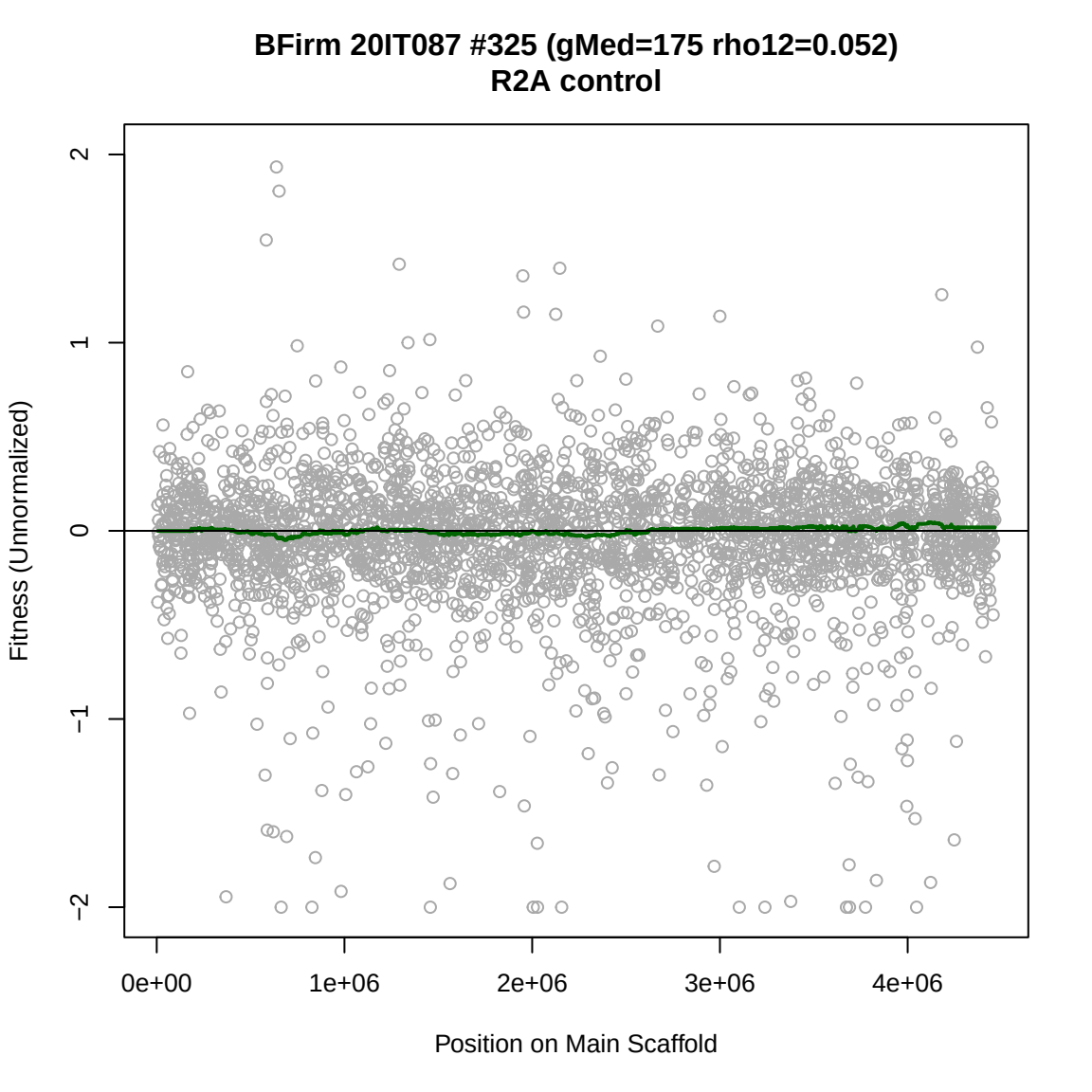

BFirm 20IT082 #320 (gMed=166 rho12=0.113)
R2A with Vogels_fungal_media 0.2X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

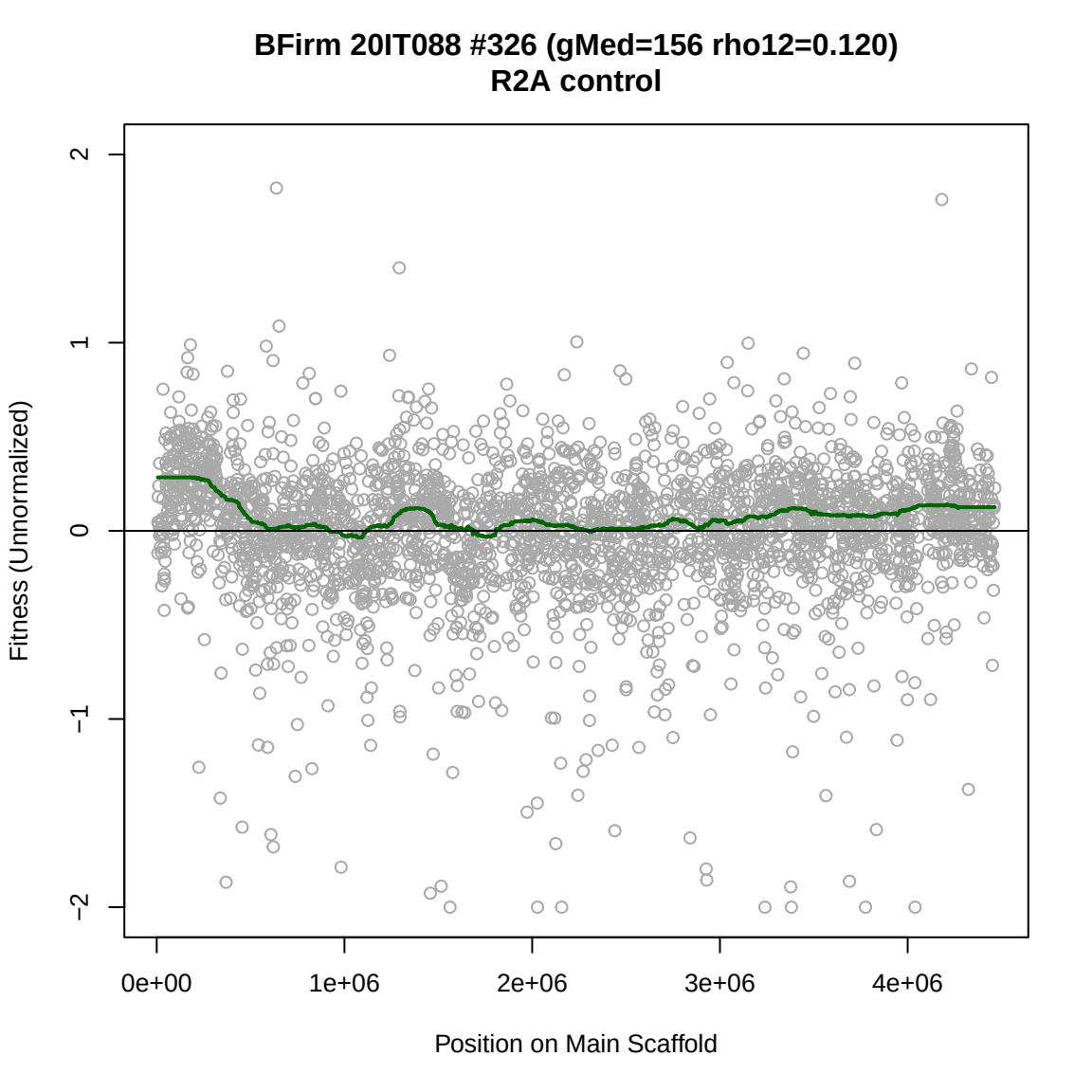

BFirm 20IT083 #321 (gMed=142 rho12=0.079)
R2A with Vogels_fungal_media 0.8X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

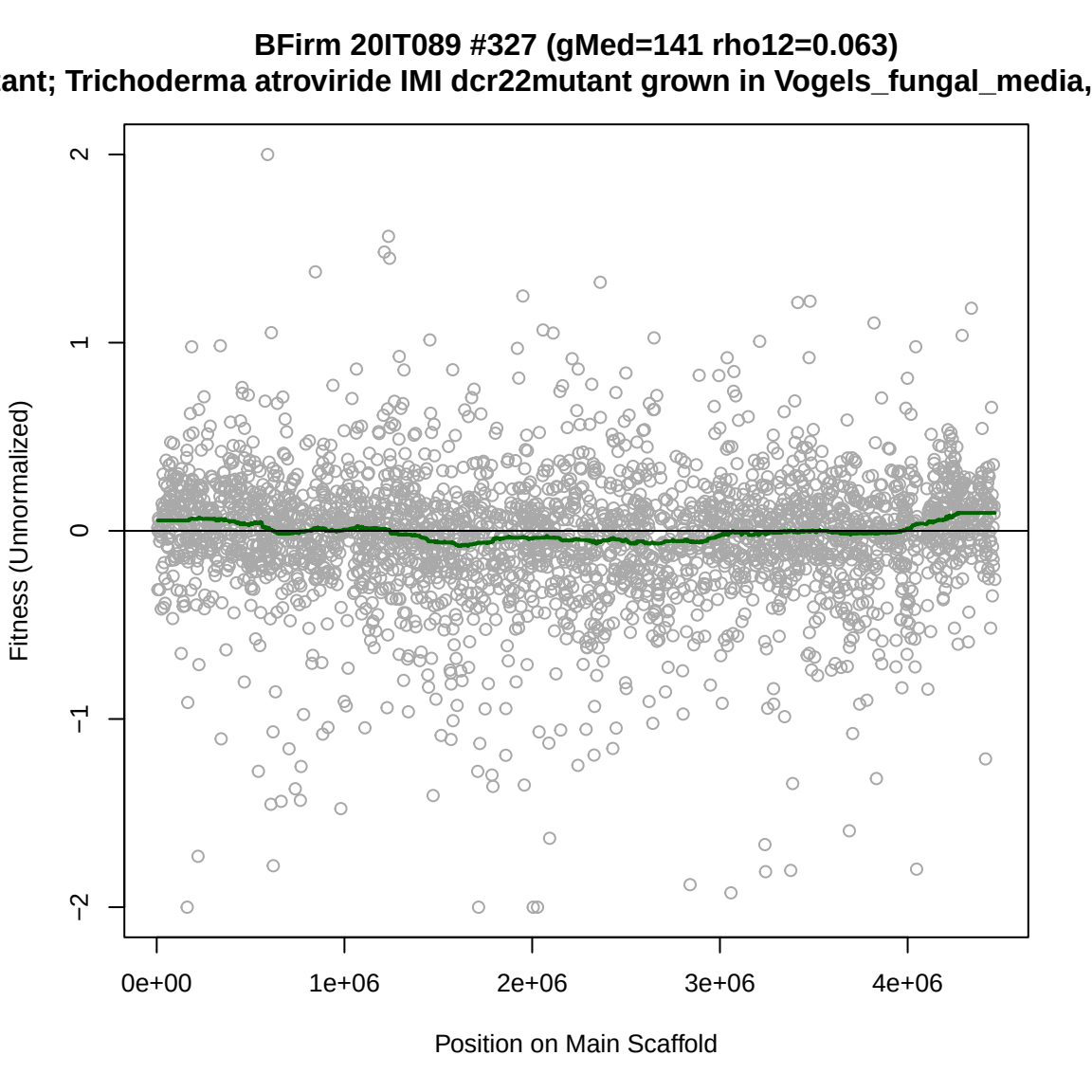

BFirm 20IT084 #322 (gMed=170 rho12=0.116)
R2A with Vogels_fungal_media 0.8X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

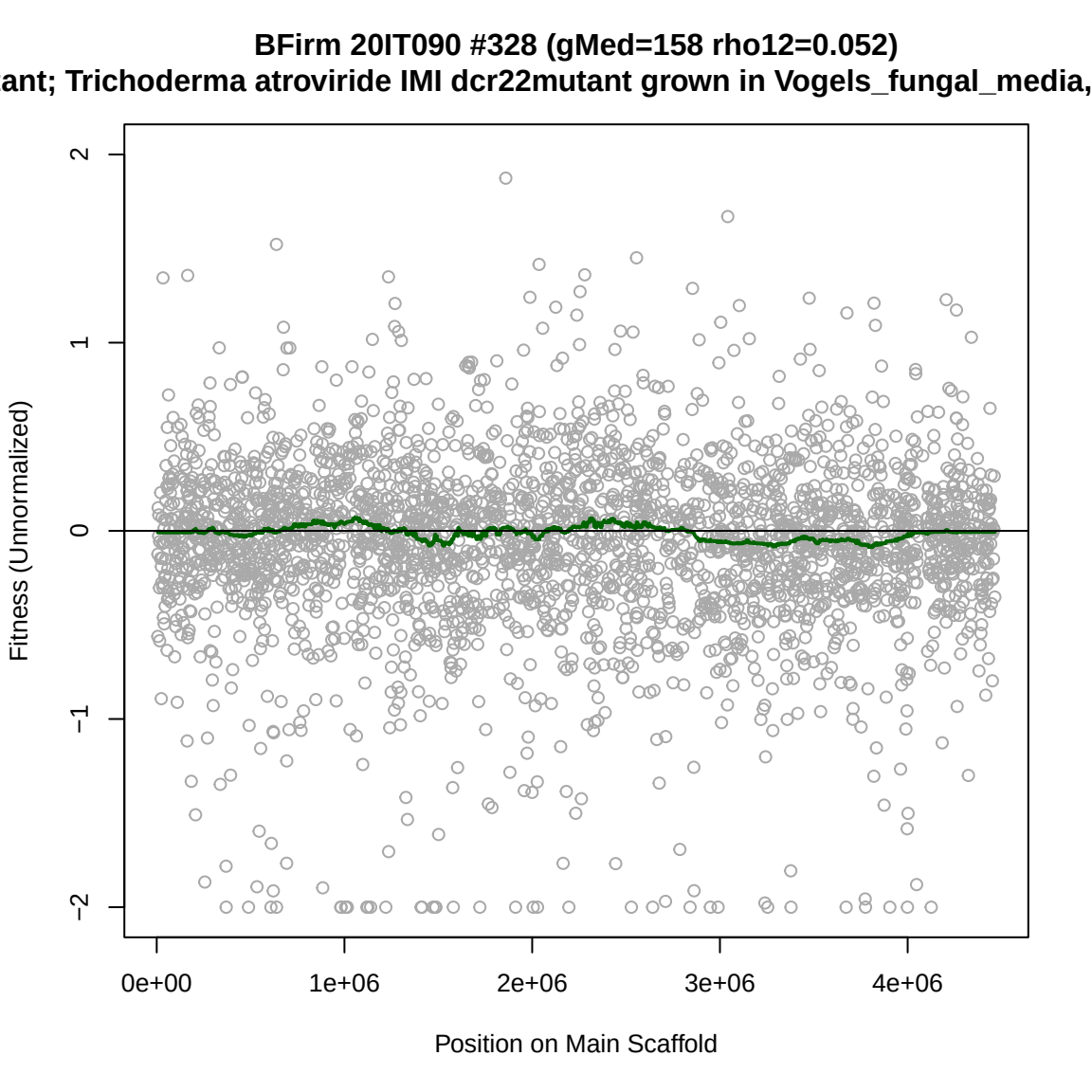

BFirm 20IT085 #323 (gMed=158 rho12=0.132)
R2A with Vogels_fungal_media 0.8X
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

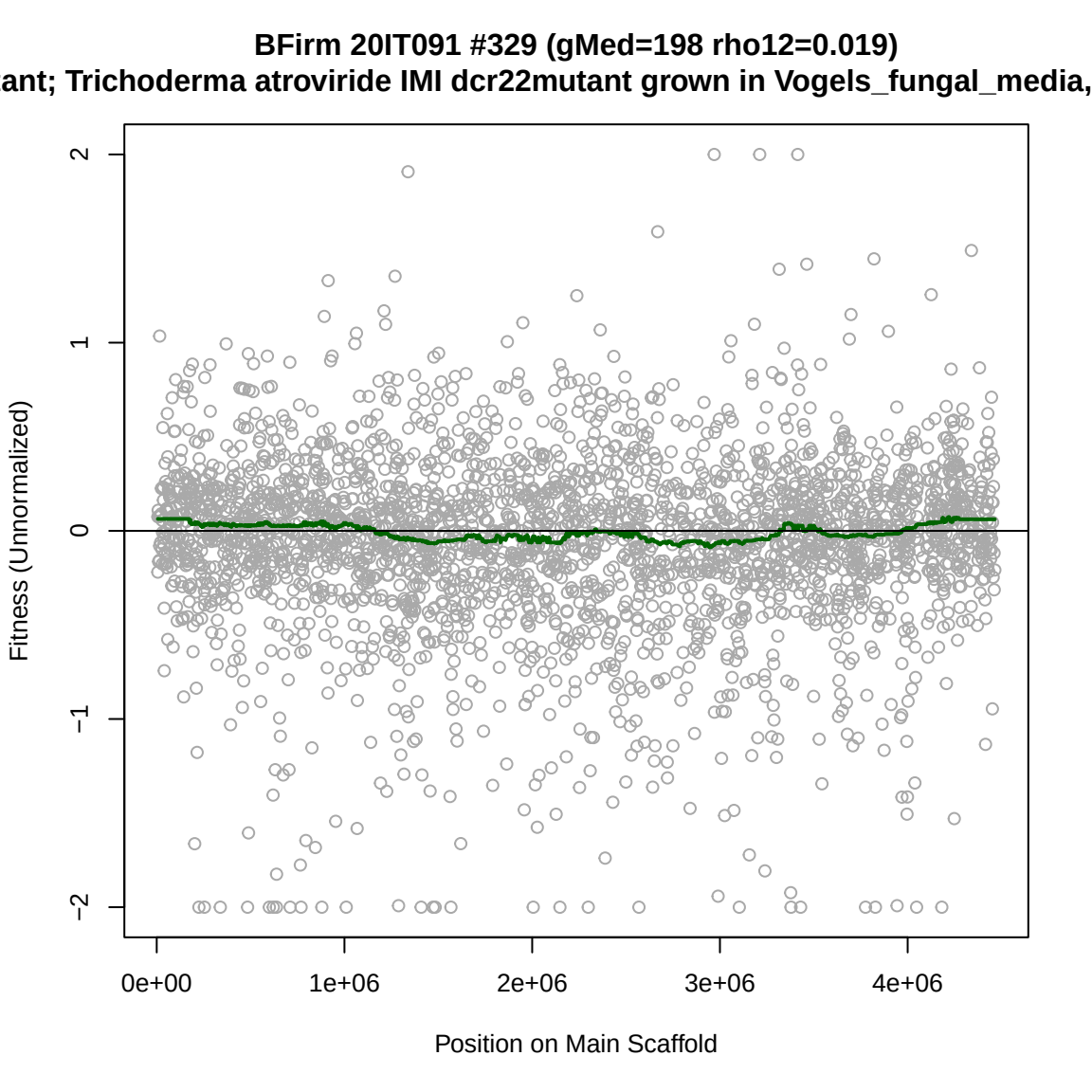

BFirm 20IT086 #324 (gMed=162 rho12=0.109)
R2A control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

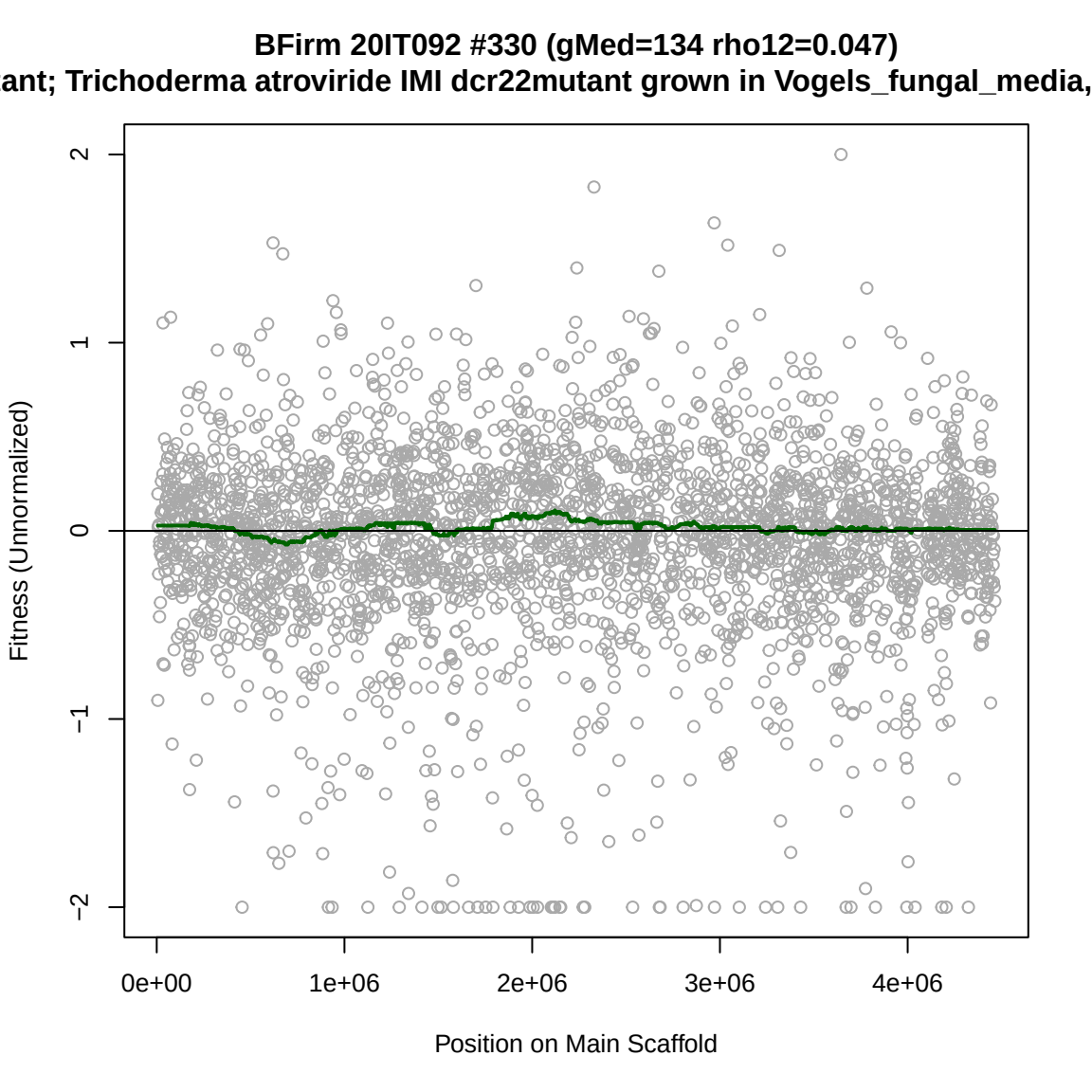

BFirm 20IT087 #325 (gMed=175 rho12=0.052)
R2A control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

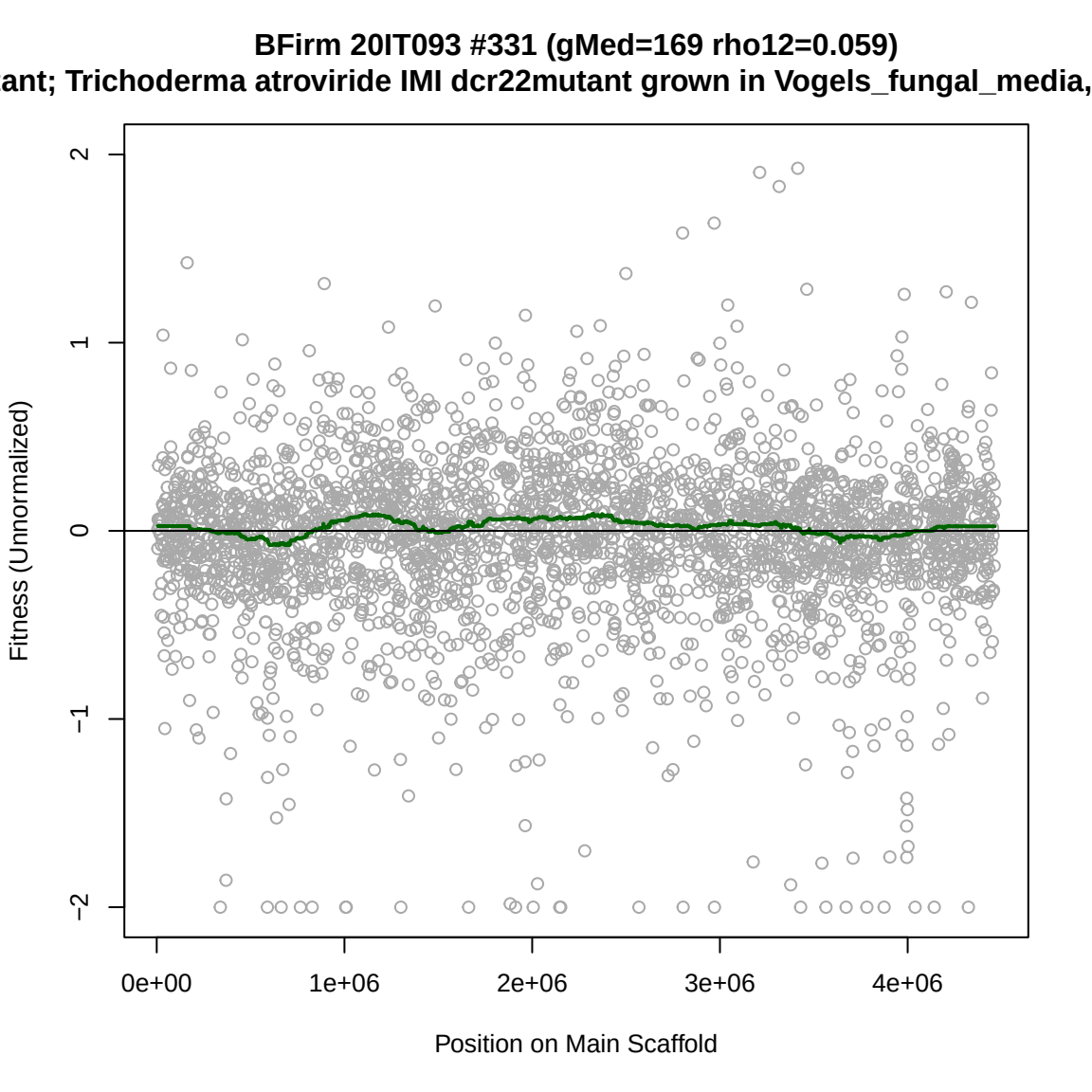

BFirm 20IT088 #326 (gMed=156 rho12=0.120)
R2A control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

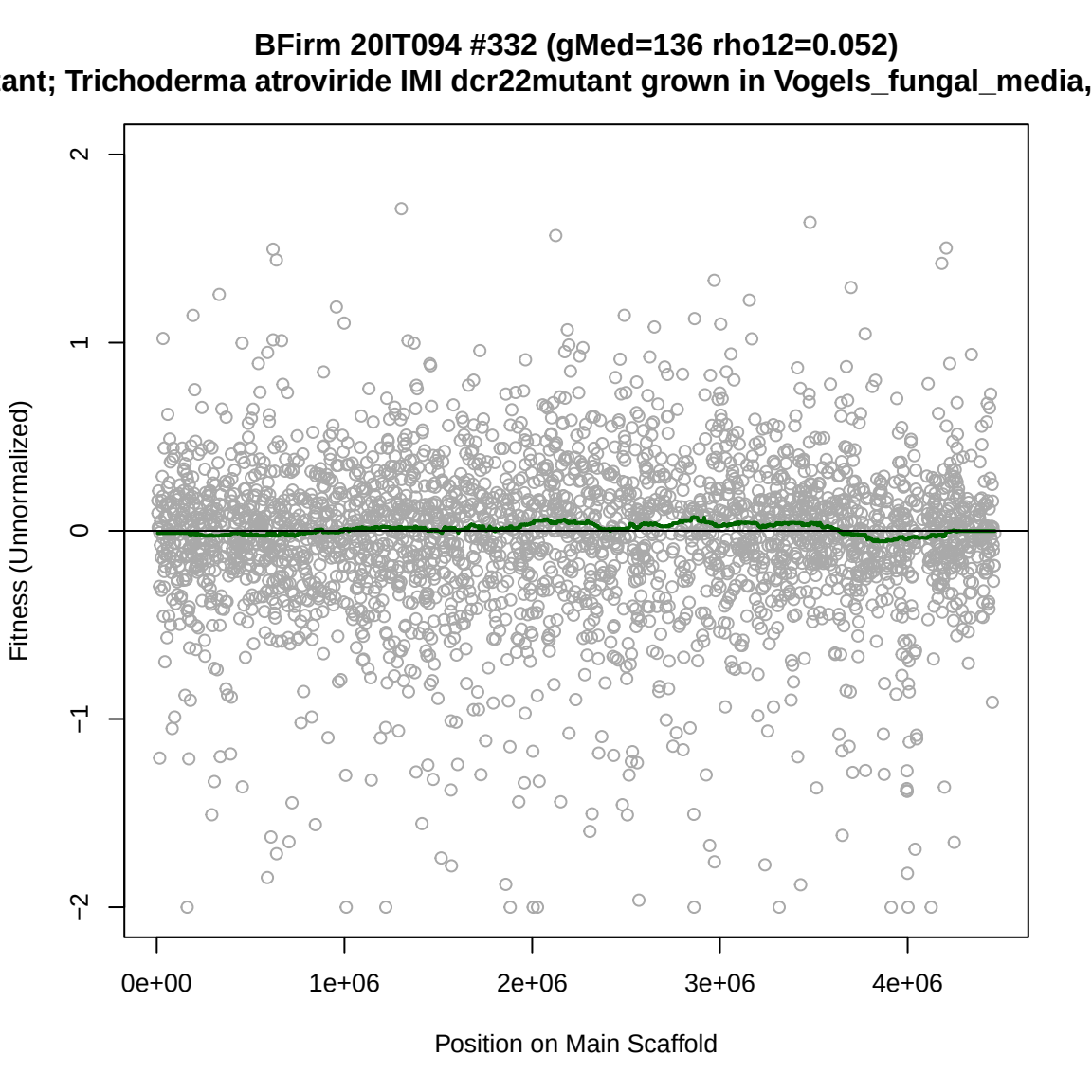

BFirm 20IT089 #327 (gMed=141 rho12=0.063)
ant; Trichoderma atroviride IMI dcr22mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

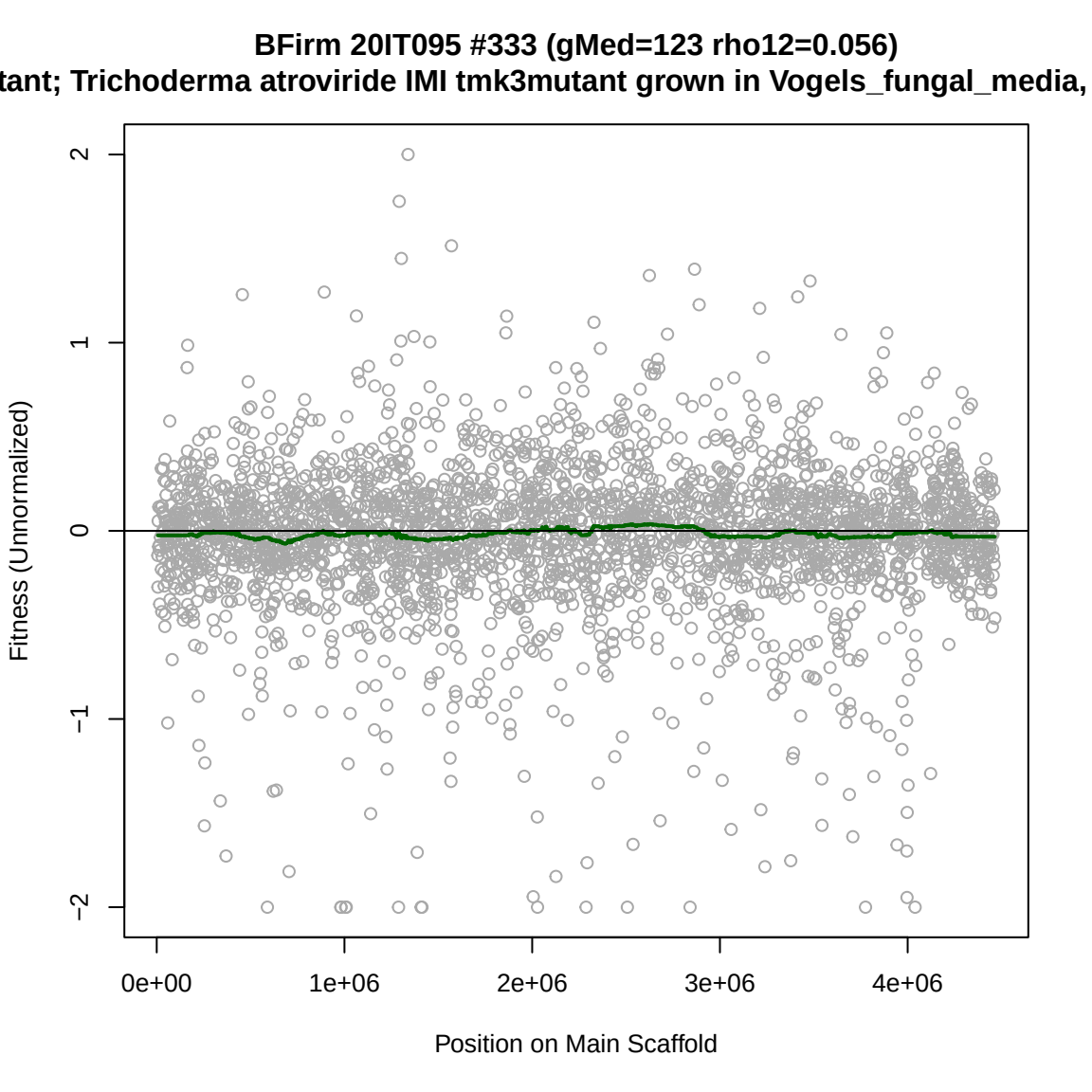

BFirm 20IT090 #328 (gMed=158 rho12=0.052)
ant; Trichoderma atroviride IMI dcr22mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

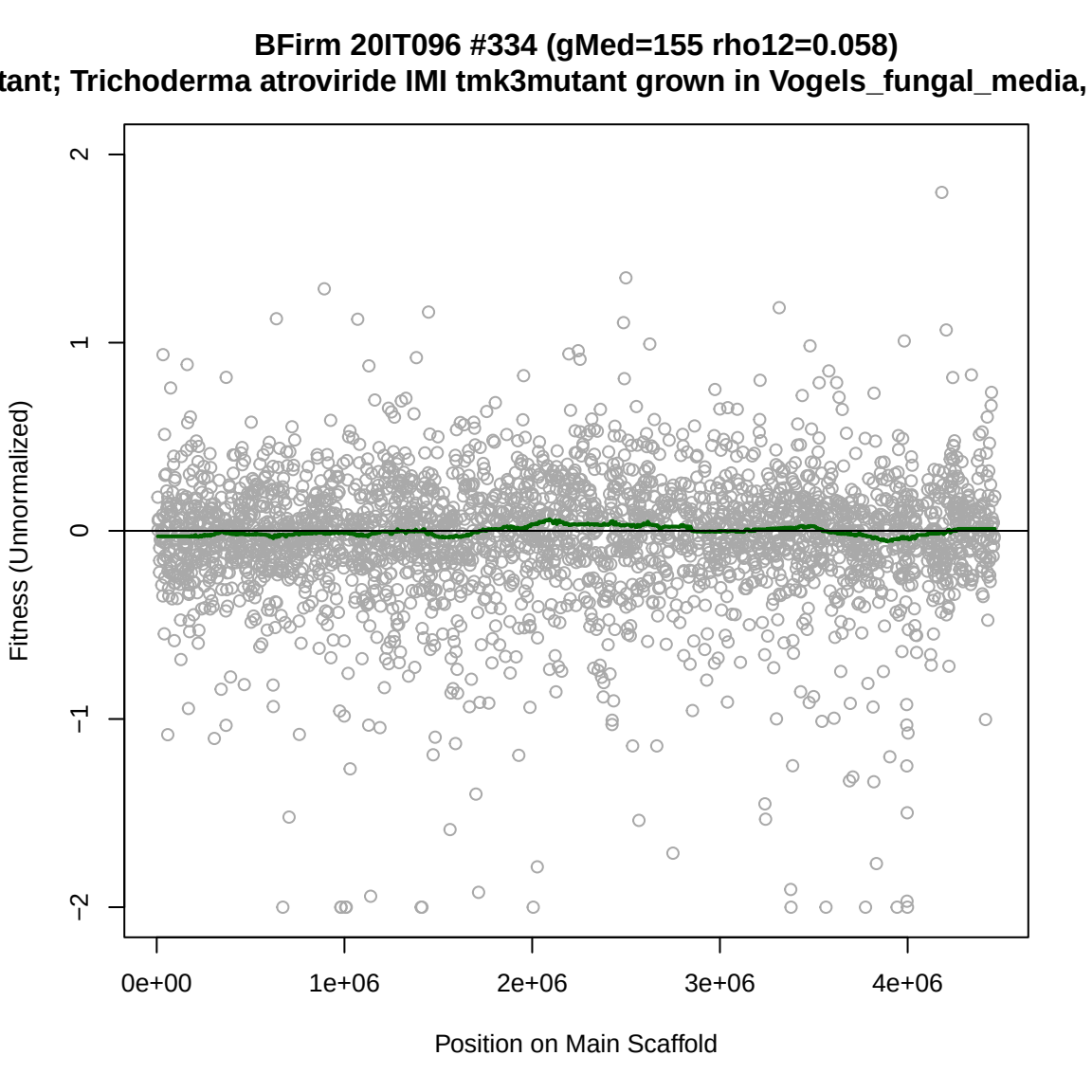

BFirm 20IT091 #329 (gMed=198 rho12=0.019)
ant; Trichoderma atroviride IMI dcr22mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

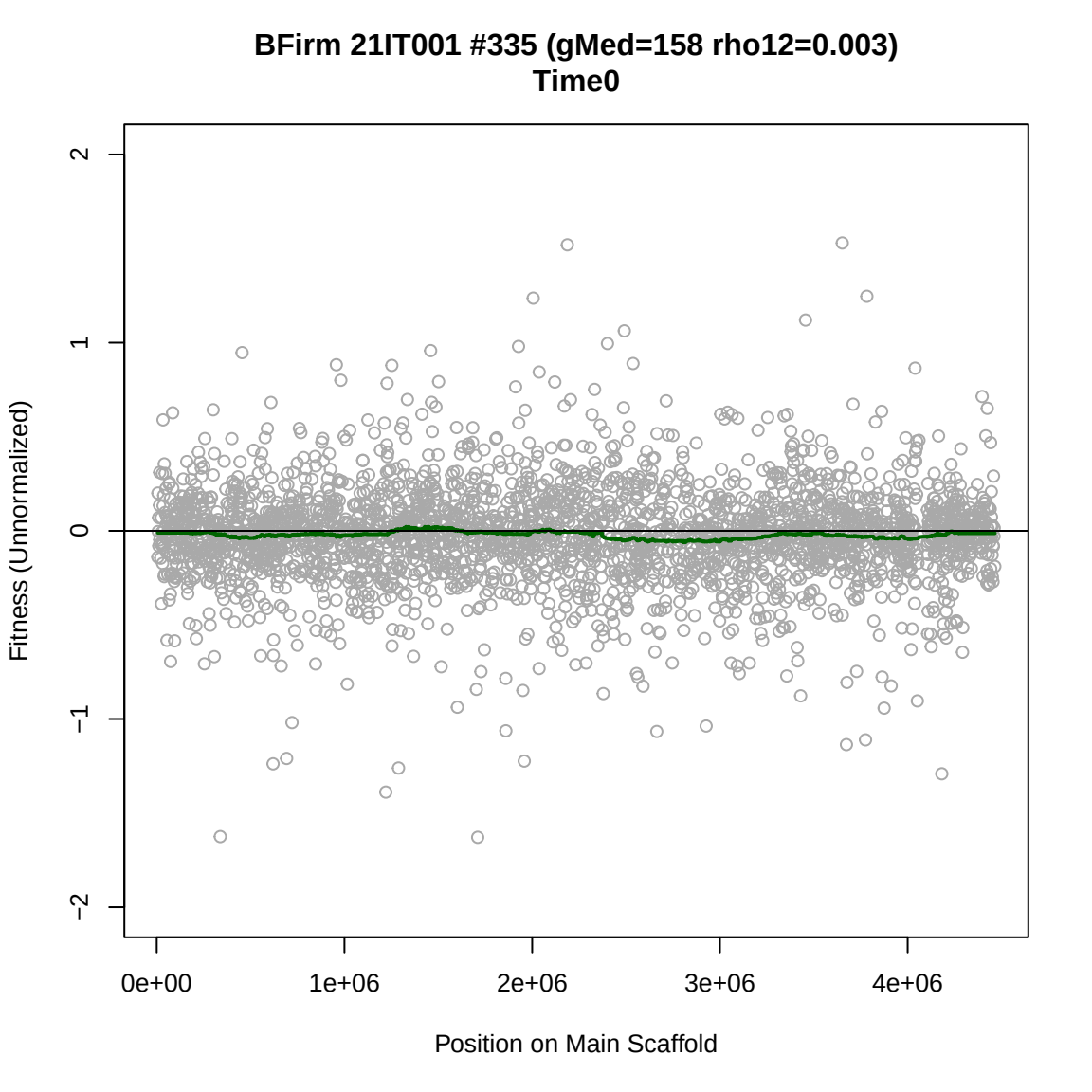

BFirm 20IT092 #330 (gMed=134 rho12=0.047)
ant; Trichoderma atroviride IMI dcr22mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

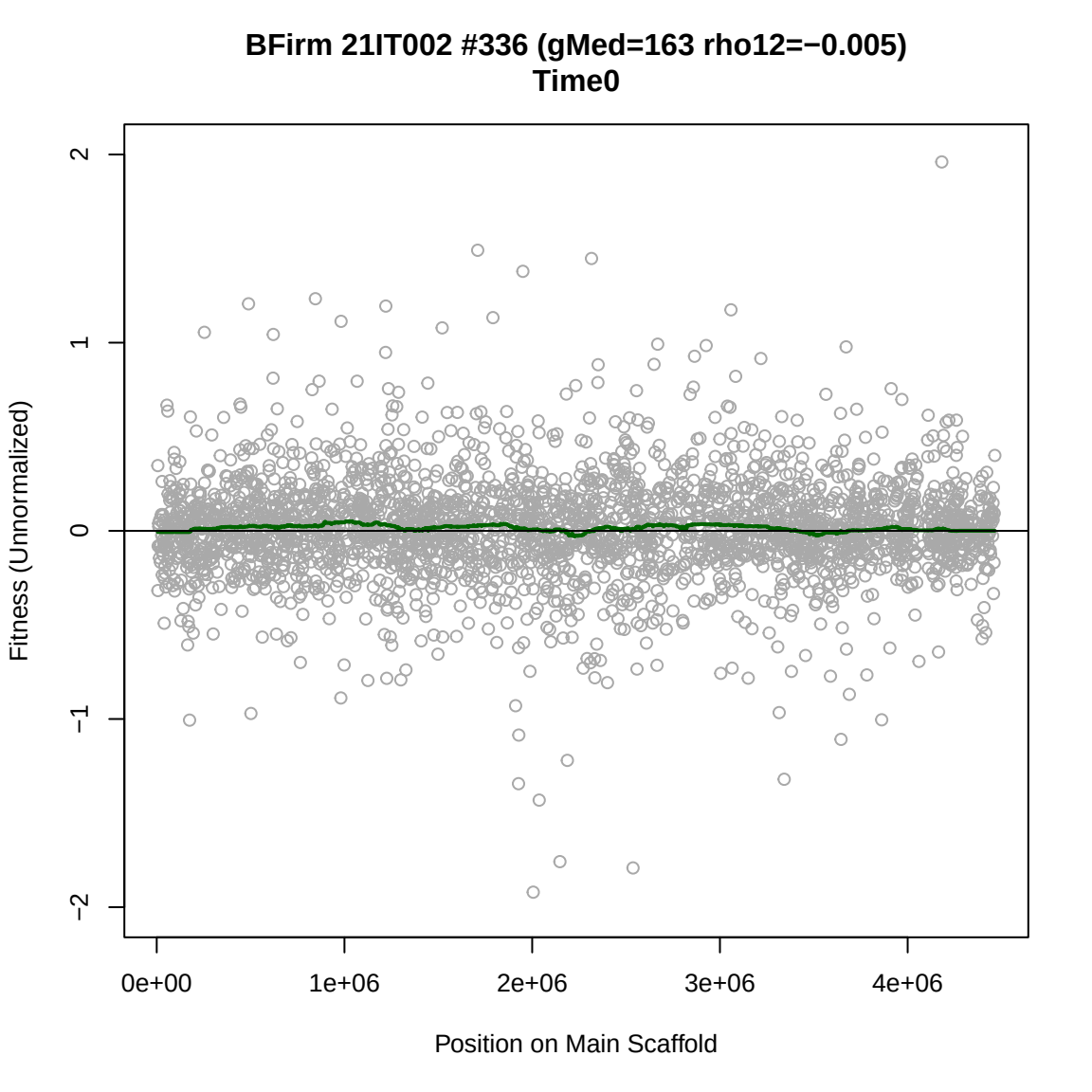

BFirm 20IT093 #331 (gMed=169 rho12=0.059)
ant; Trichoderma atroviride IMI dcr22mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

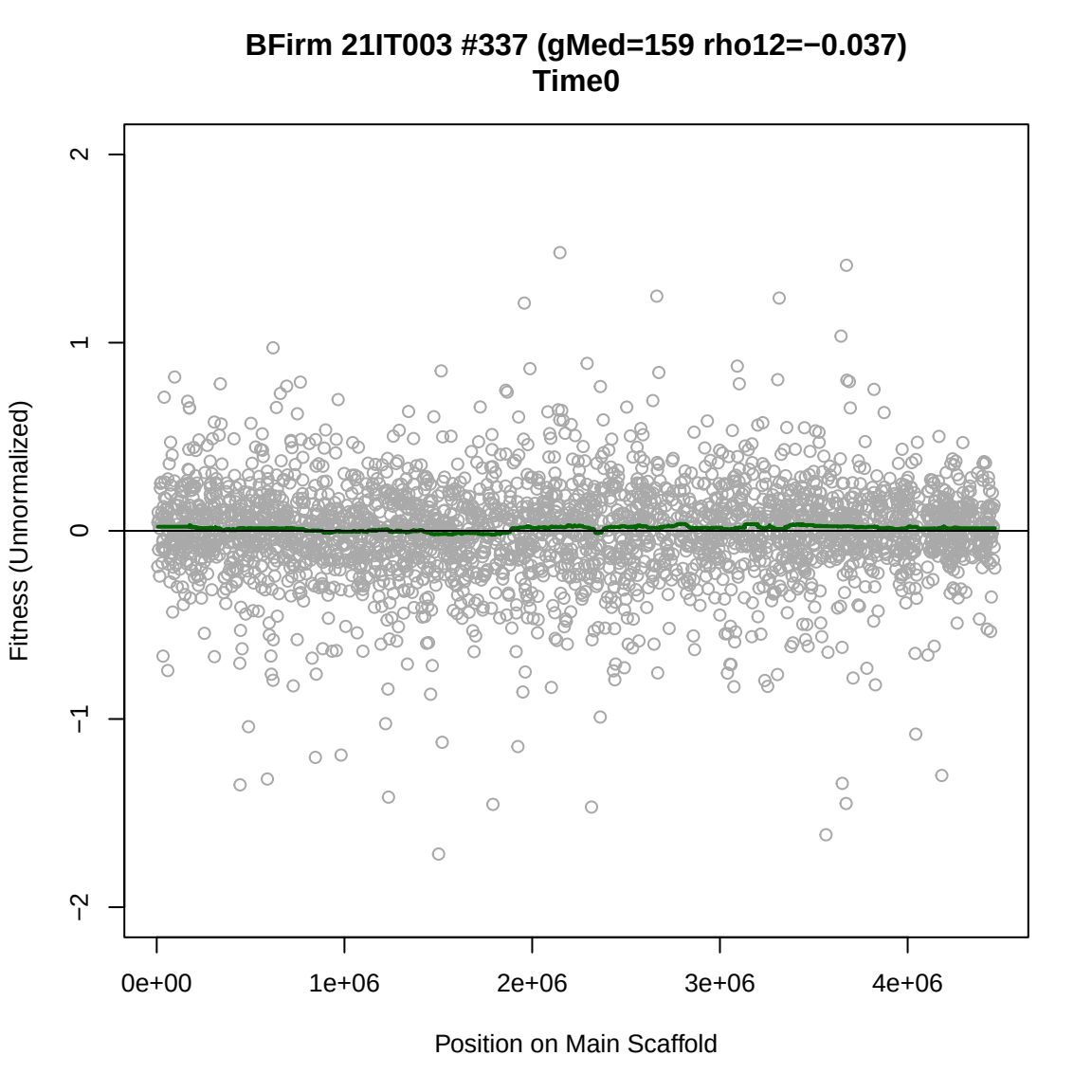

BFirm 20IT094 #332 (gMed=136 rho12=0.052)
ant; Trichoderma atroviride IMI dcr22mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

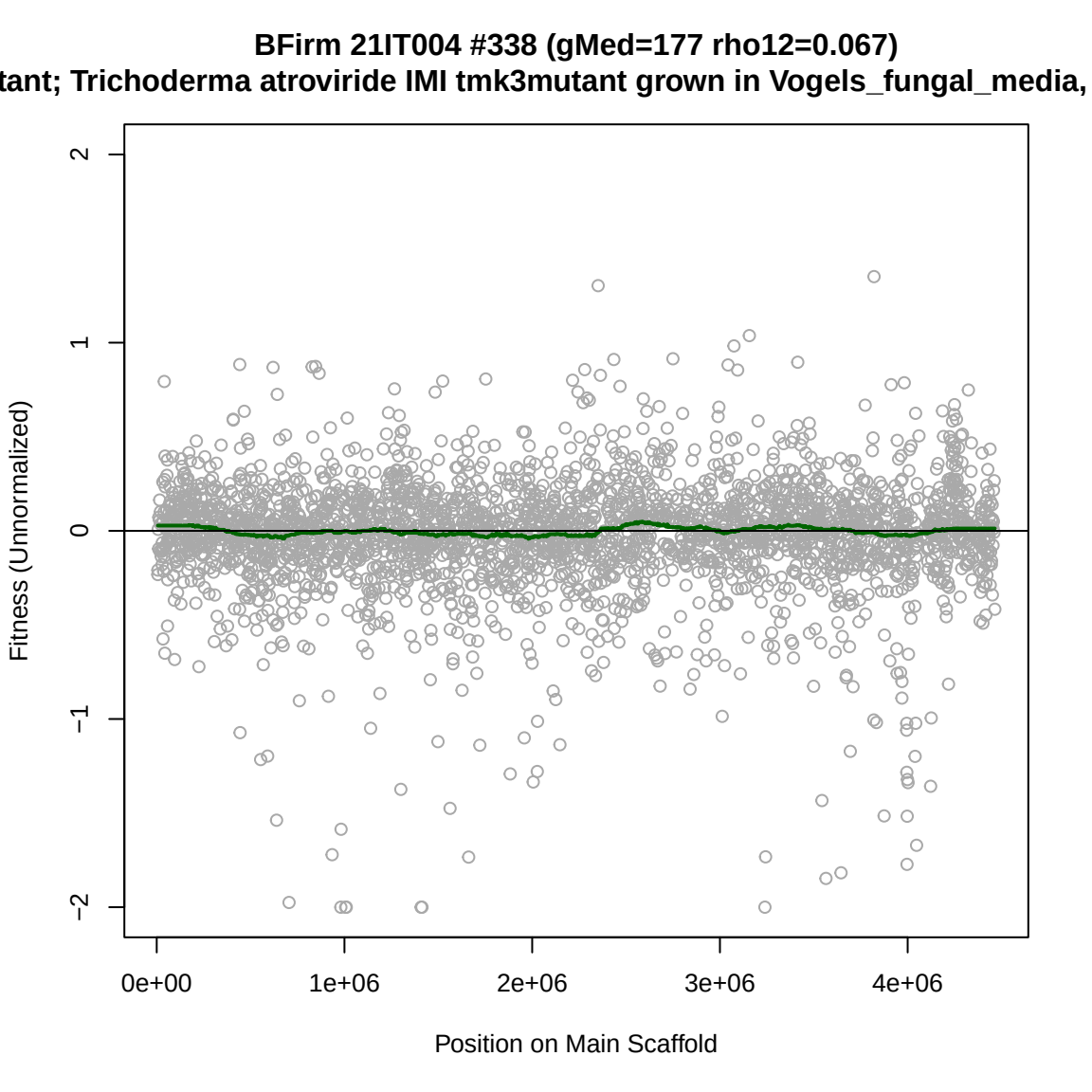

BFirm 20IT095 #333 (gMed=123 rho12=0.056)
tant; Trichoderma atroviride IMI tmk3mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

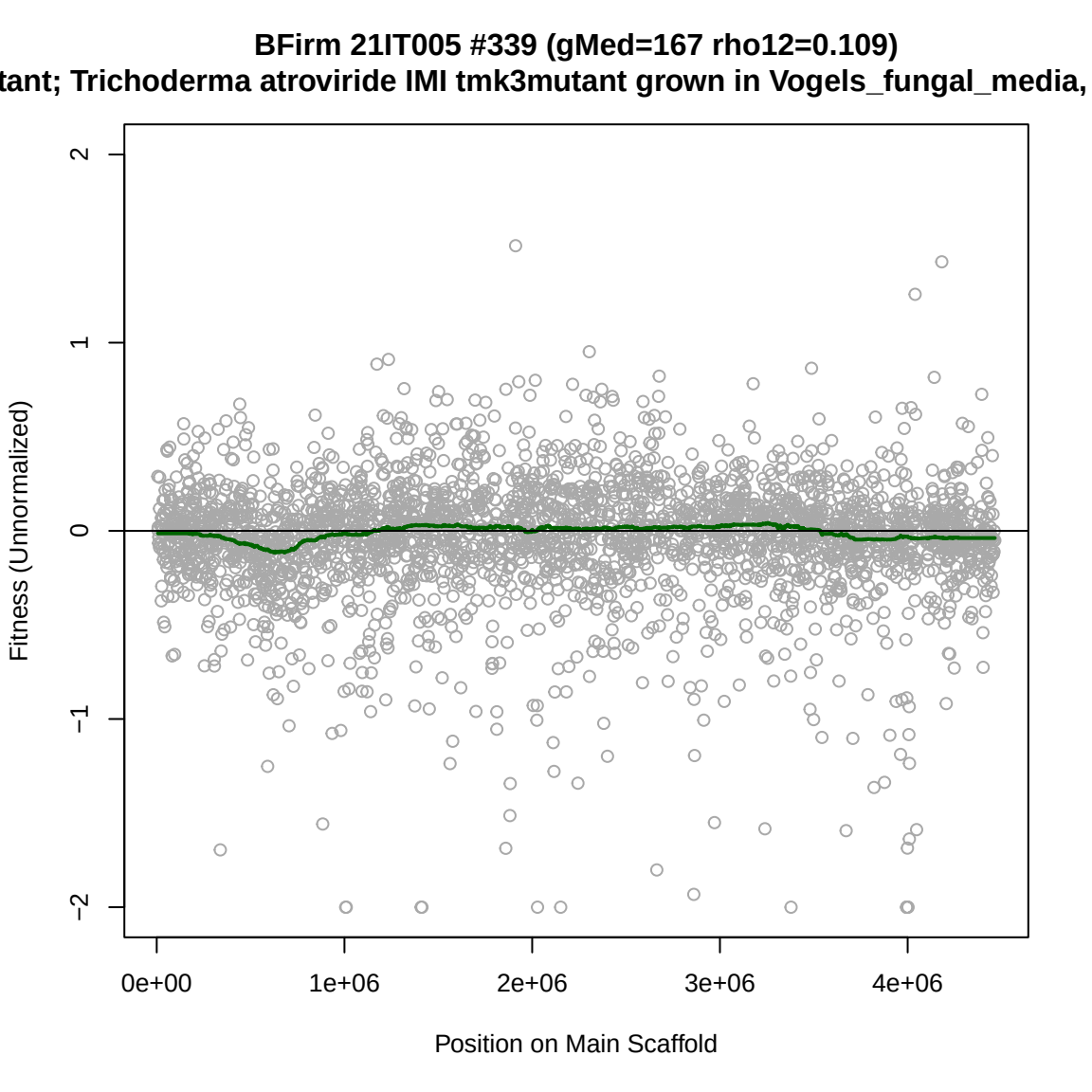

BFirm 20IT096 #334 (gMed=155 rho12=0.058)
tant; Trichoderma atroviride IMI tmk3mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

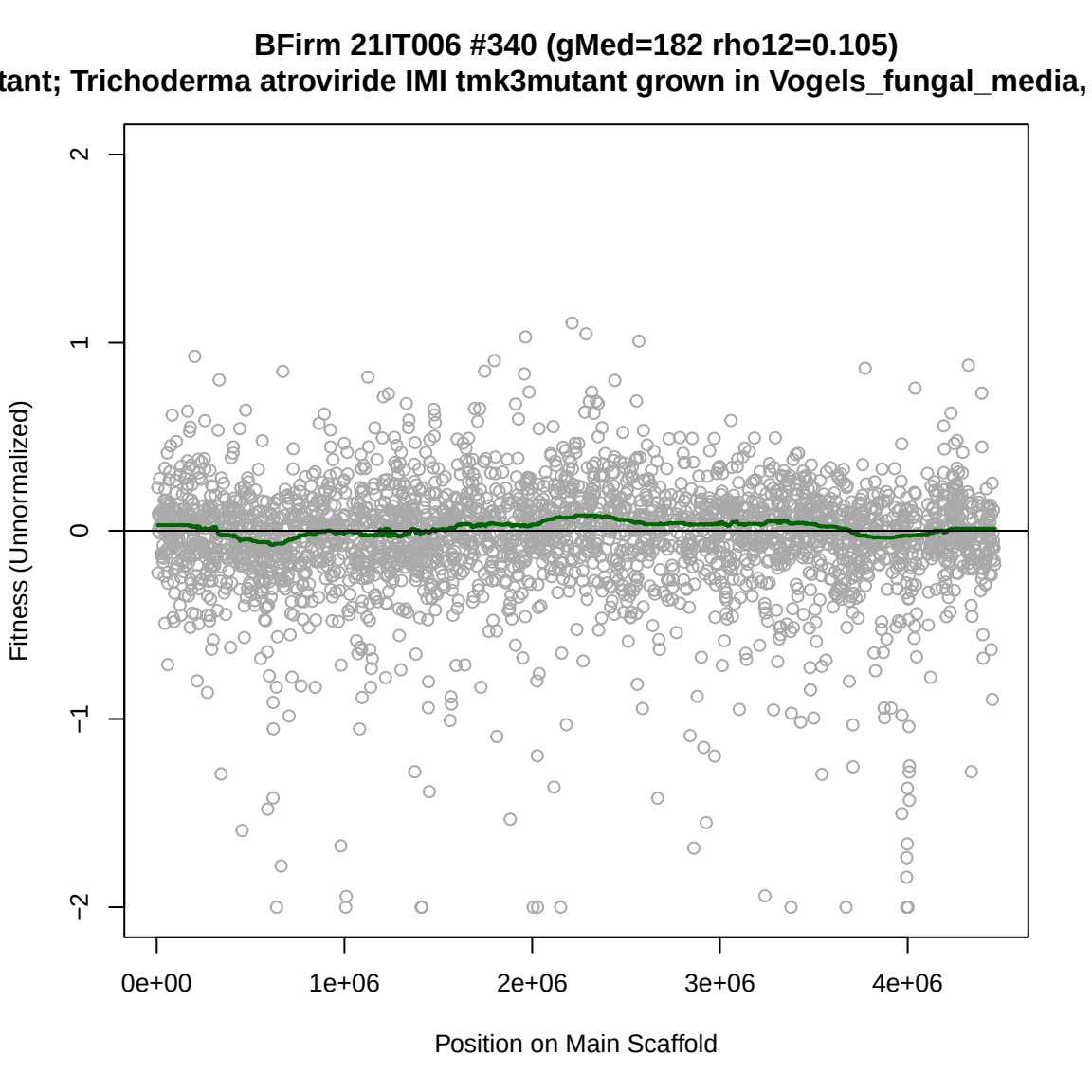

BFirm 21IT001 #335 (gMed=158 rho12=0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

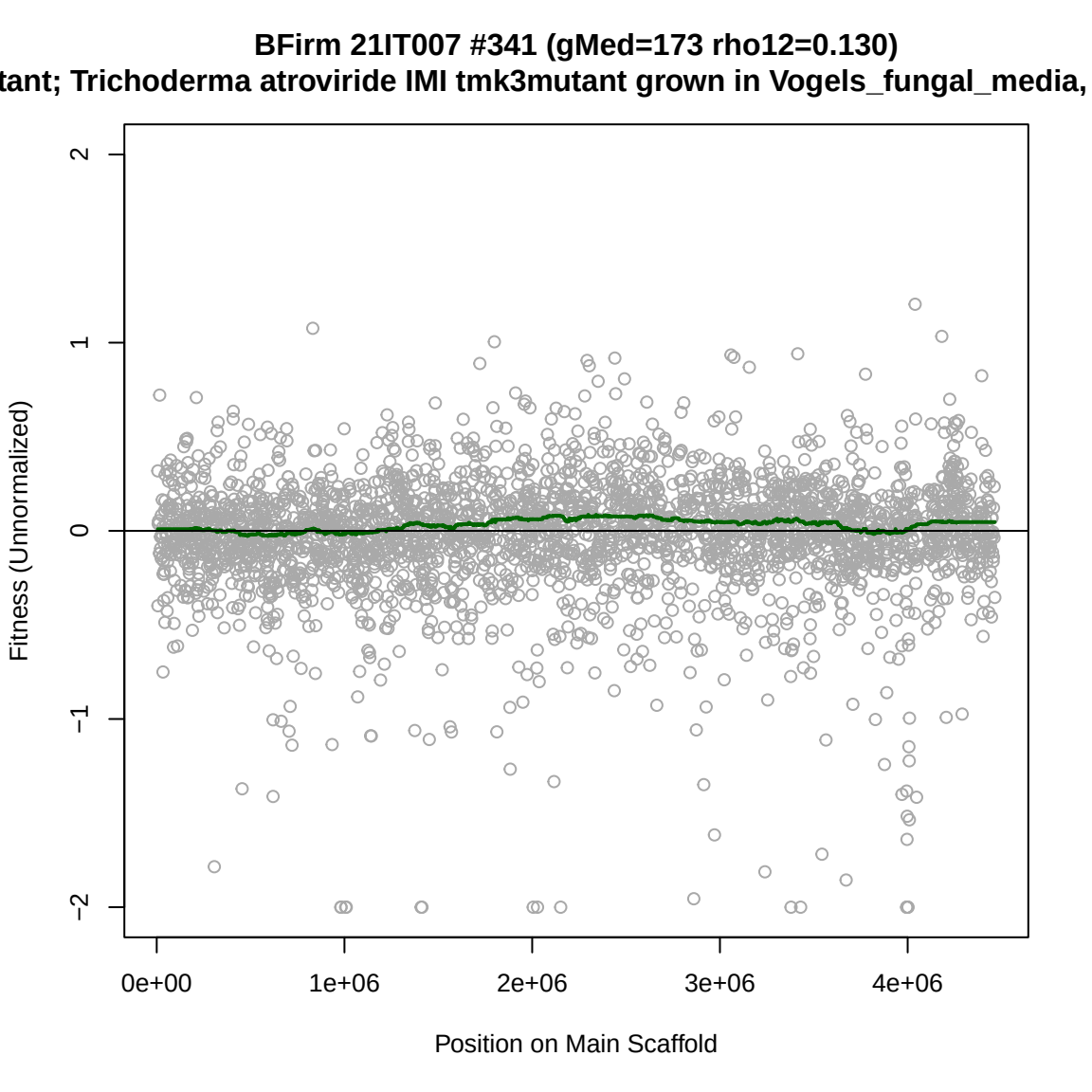

BFirm 21IT002 #336 (gMed=163 rho12=−0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

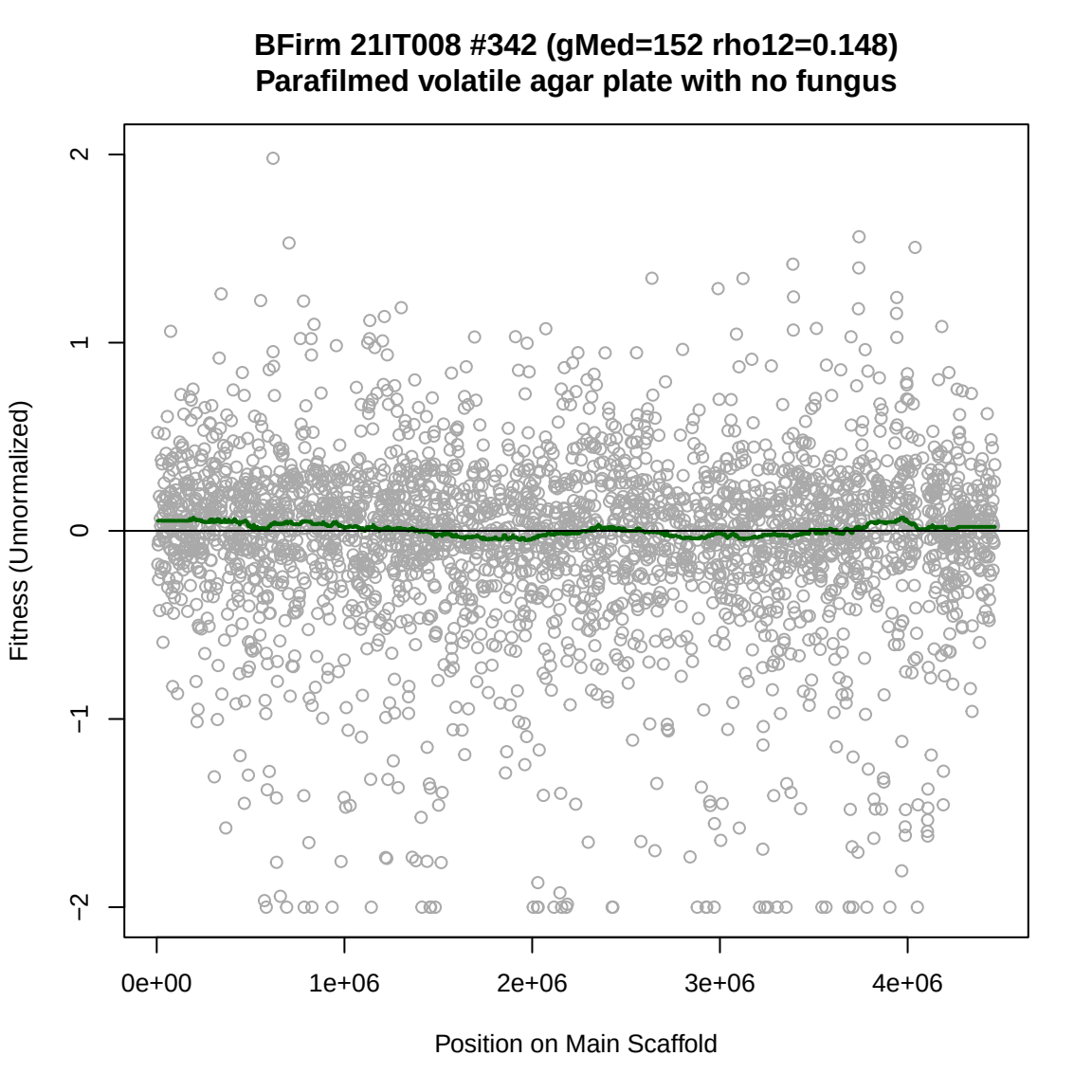

BFirm 21IT003 #337 (gMed=159 rho12=−0.037)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

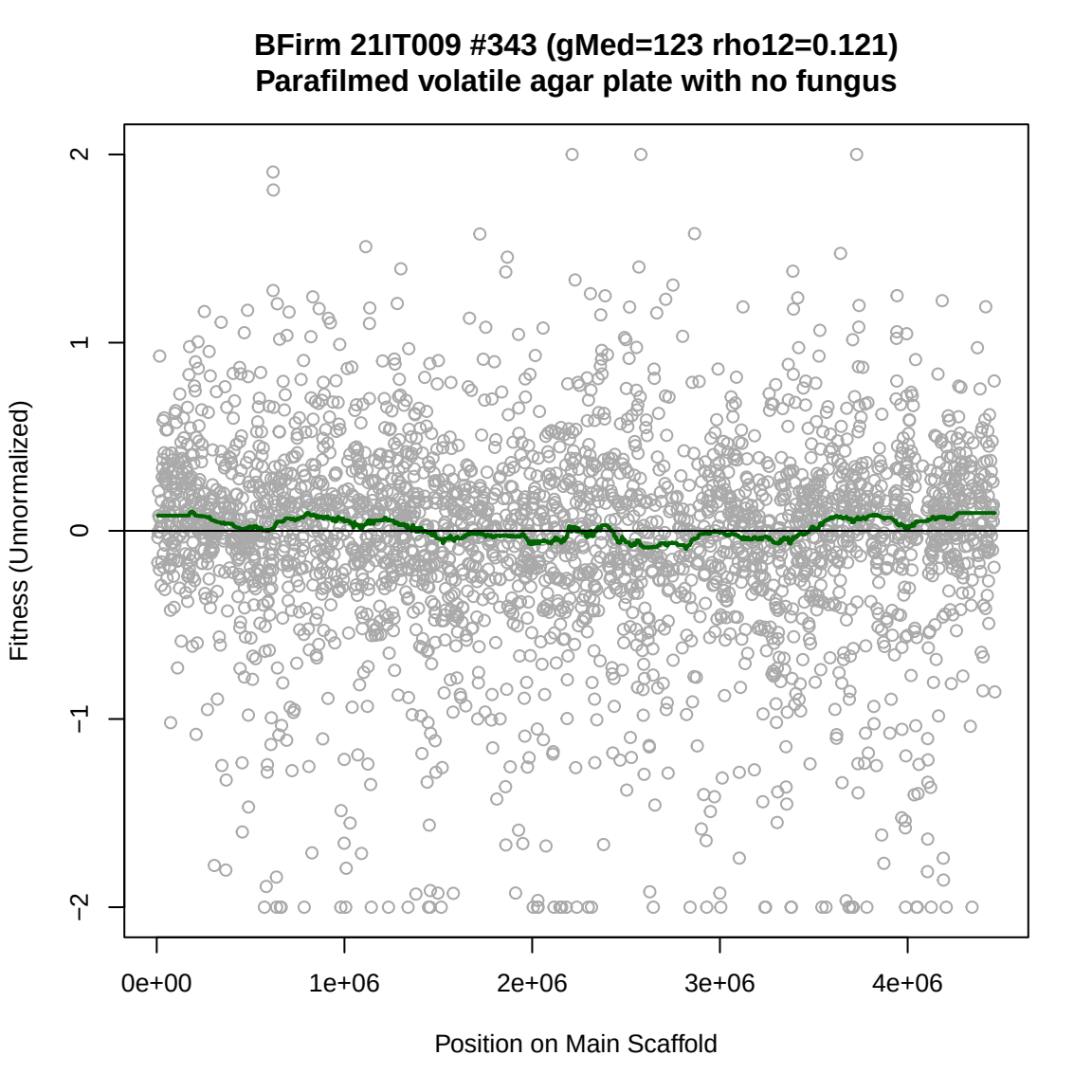

BFirm 21IT004 #338 (gMed=177 rho12=0.067)
tant; Trichoderma atroviride IMI tmk3mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

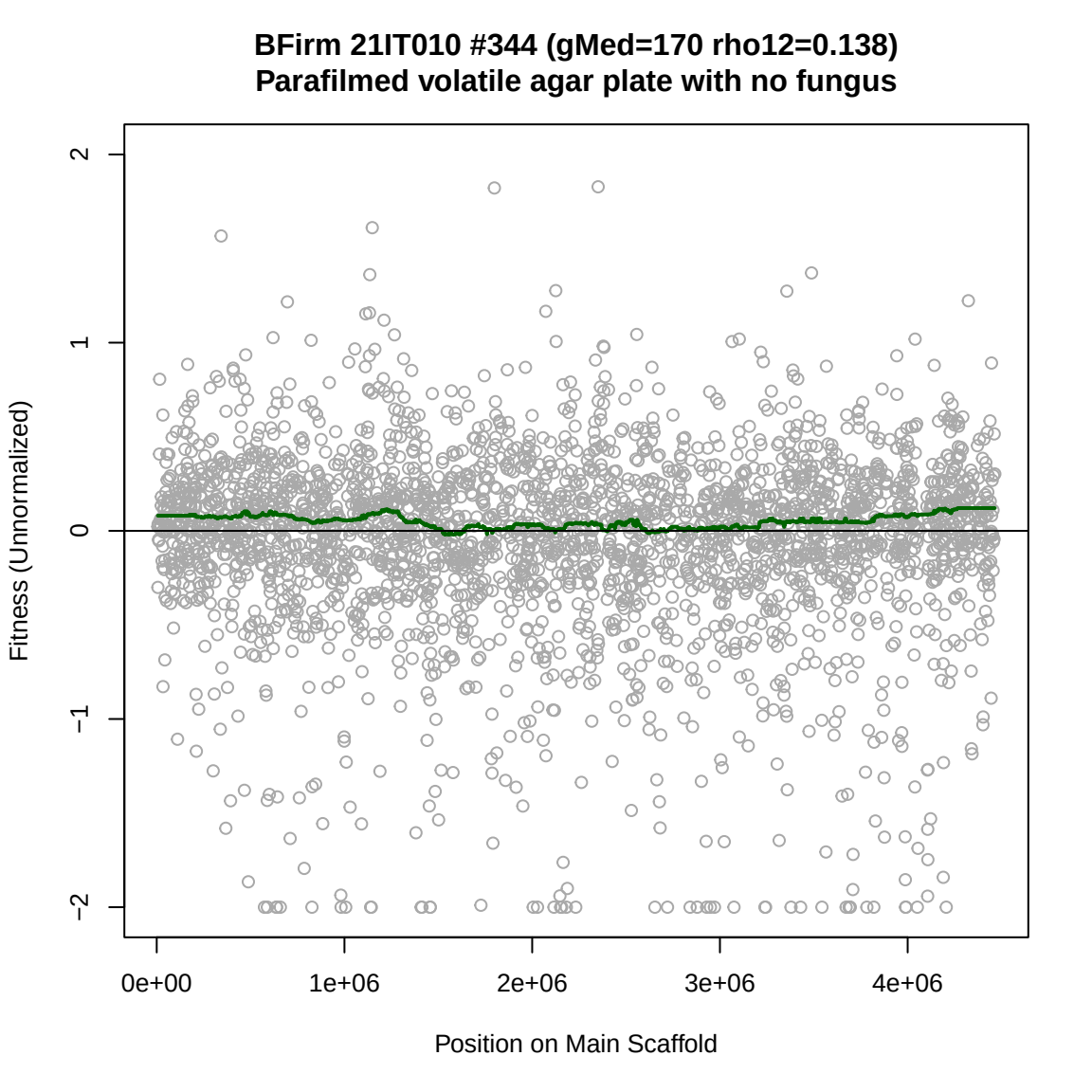

BFirm 21IT005 #339 (gMed=167 rho12=0.109)
tant; Trichoderma atroviride IMI tmk3mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

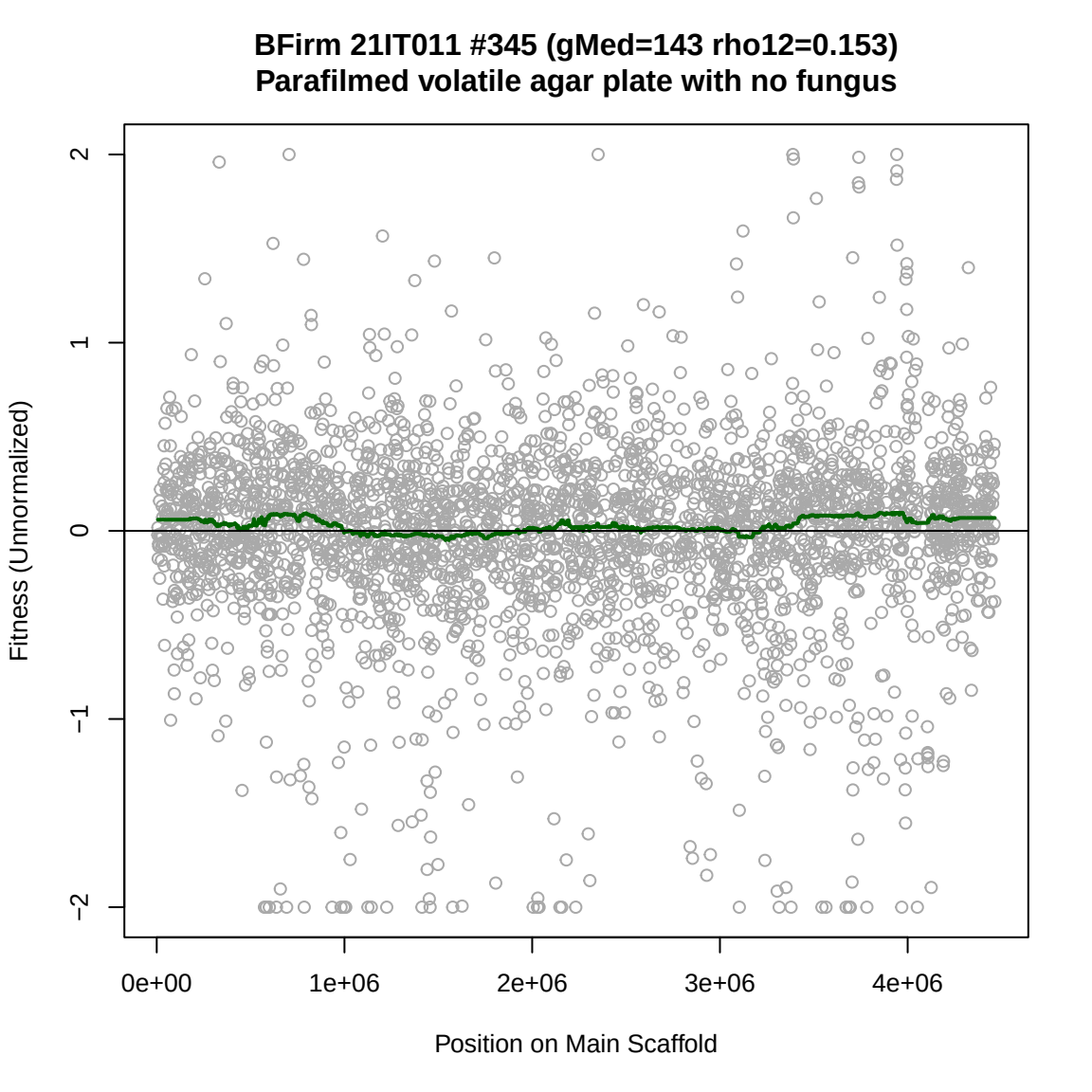

BFirm 21IT006 #340 (gMed=182 rho12=0.105)
tant; Trichoderma atroviride IMI tmk3mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

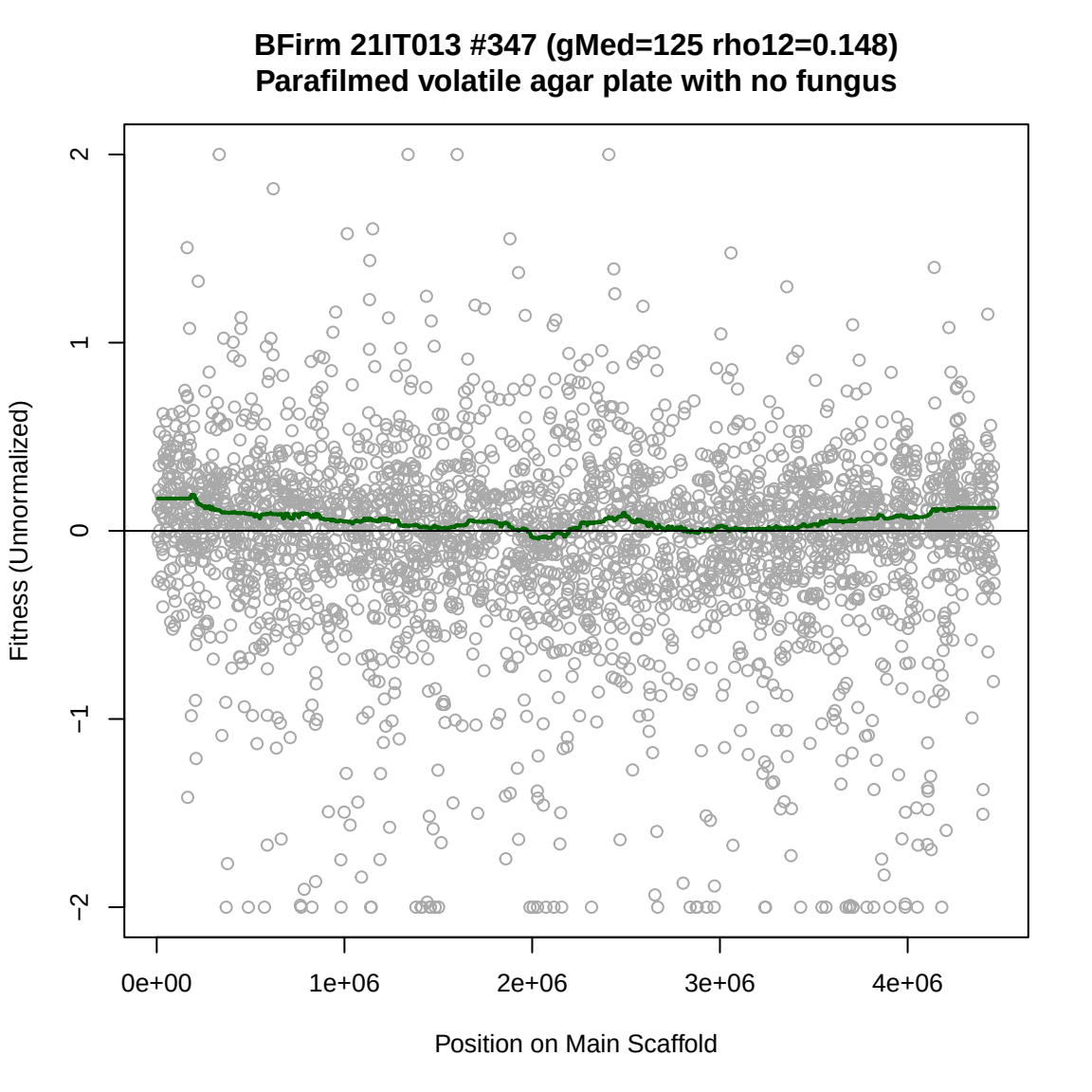

BFirm 21IT007 #341 (gMed=173 rho12=0.130)
tant; Trichoderma atroviride IMI tmk3mutant grown in Vogels_fungal_media,
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

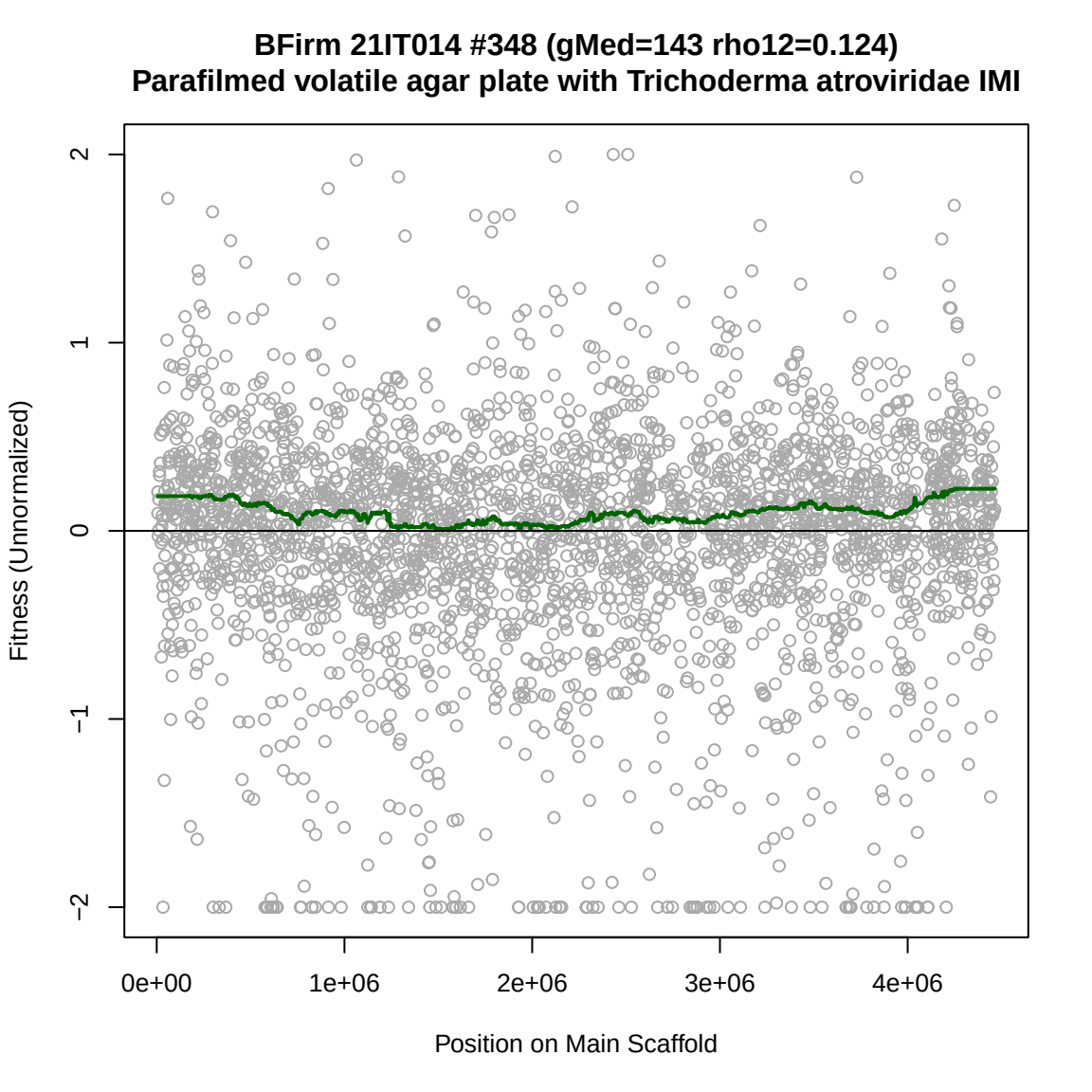

BFirm 21IT008 #342 (gMed=152 rho12=0.148)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

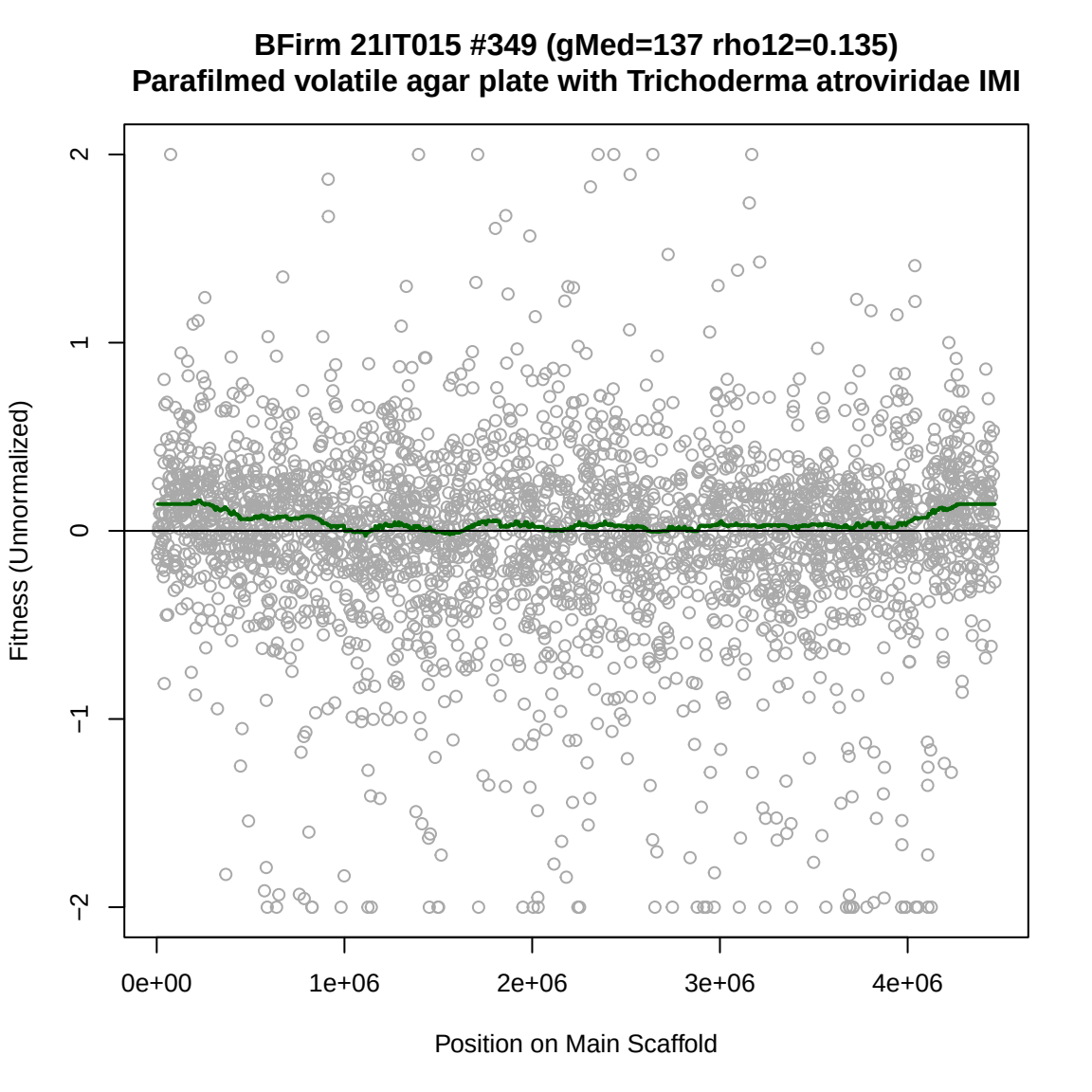

BFirm 21IT009 #343 (gMed=123 rho12=0.121)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

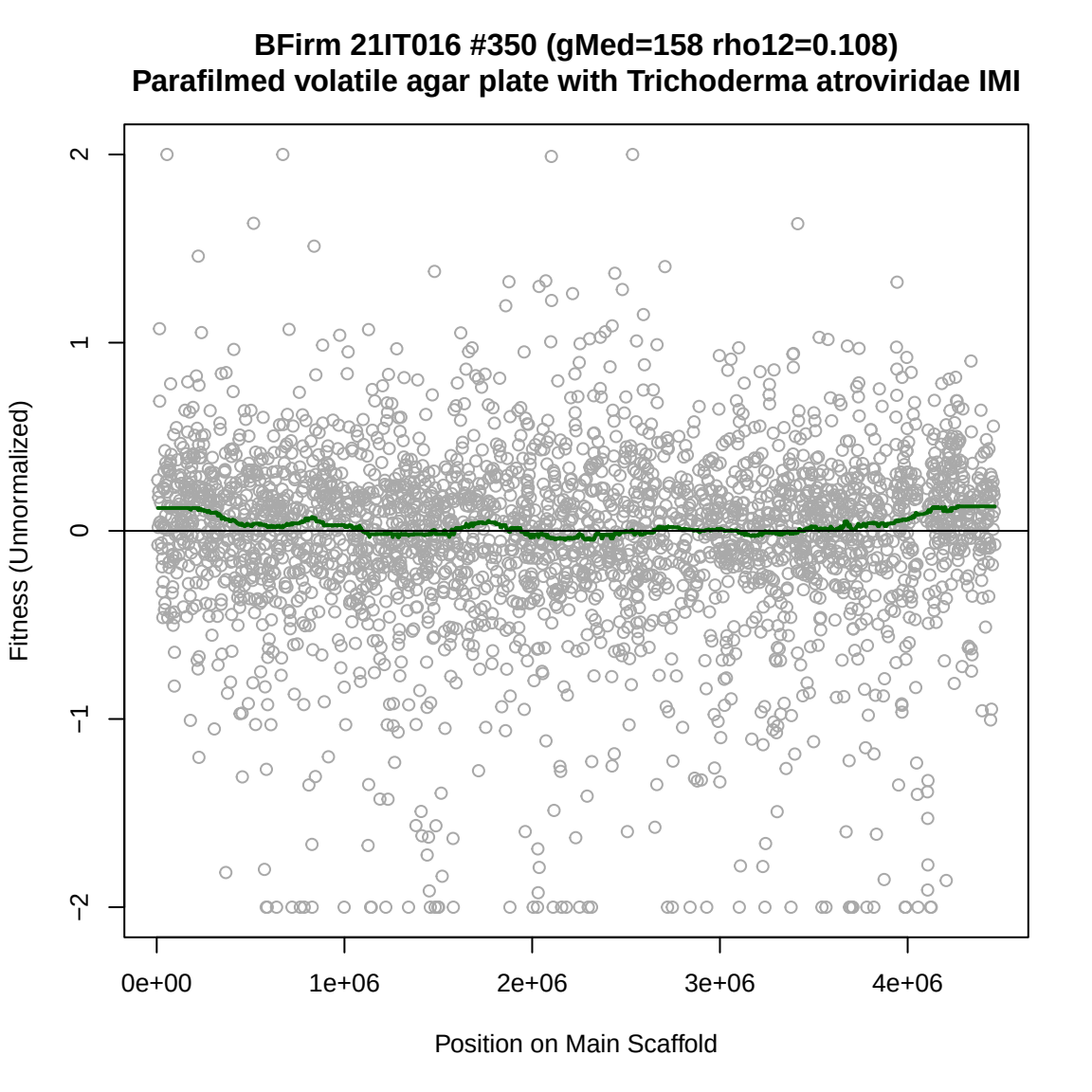

BFirm 21IT010 #344 (gMed=170 rho12=0.138)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

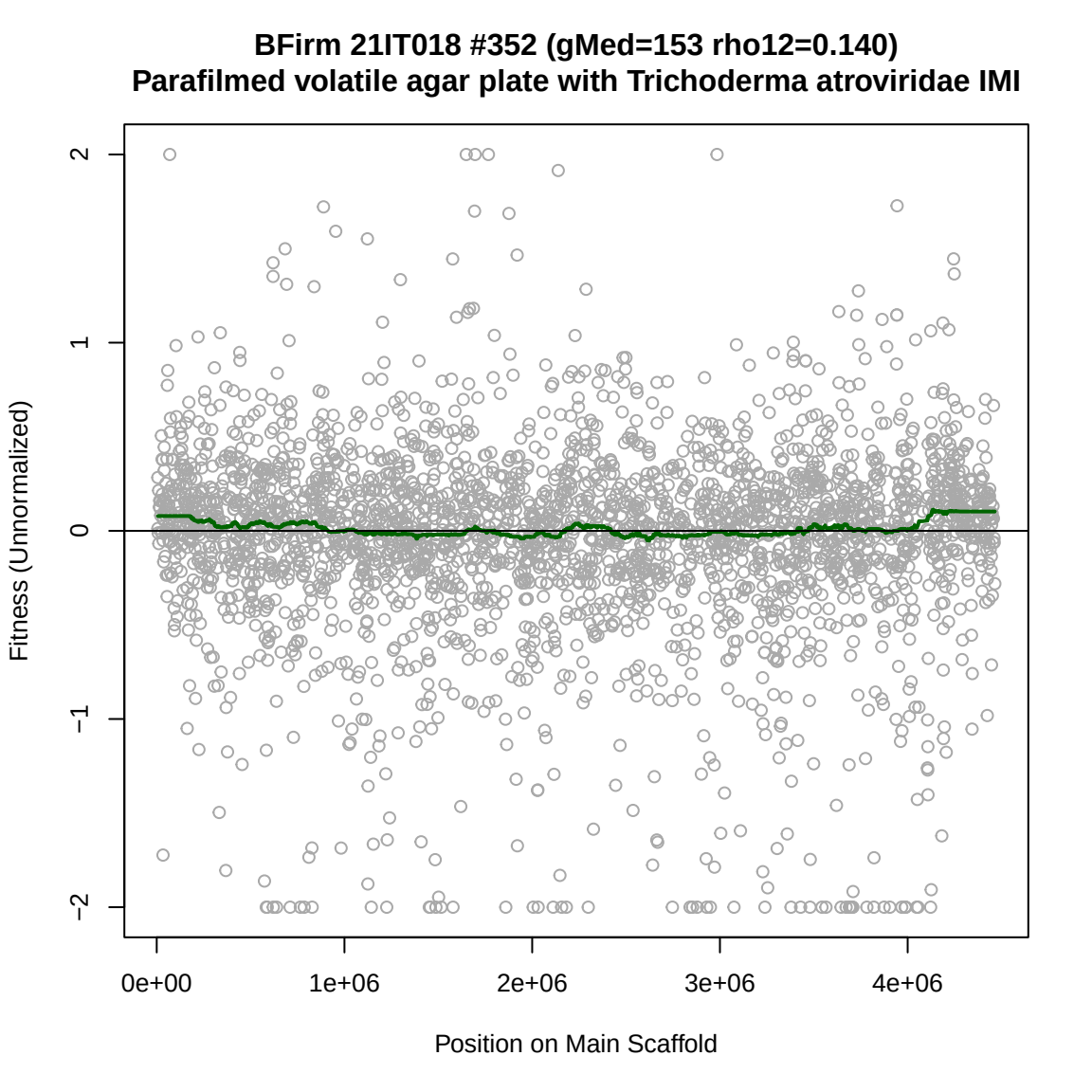

BFirm 21IT011 #345 (gMed=143 rho12=0.153)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

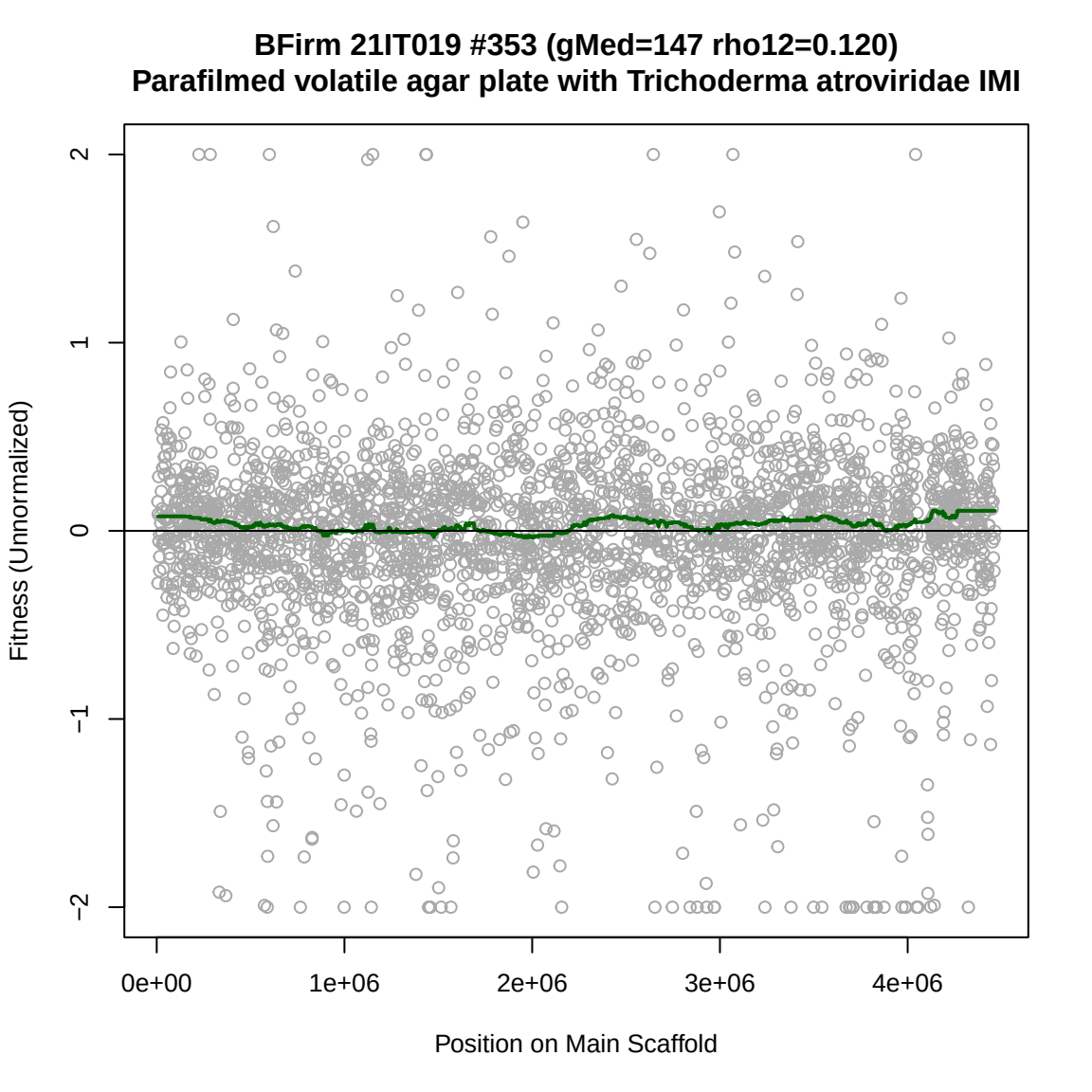

BFirm 21IT013 #347 (gMed=125 rho12=0.148)
Parafilmed volatile agar plate with no fungus
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

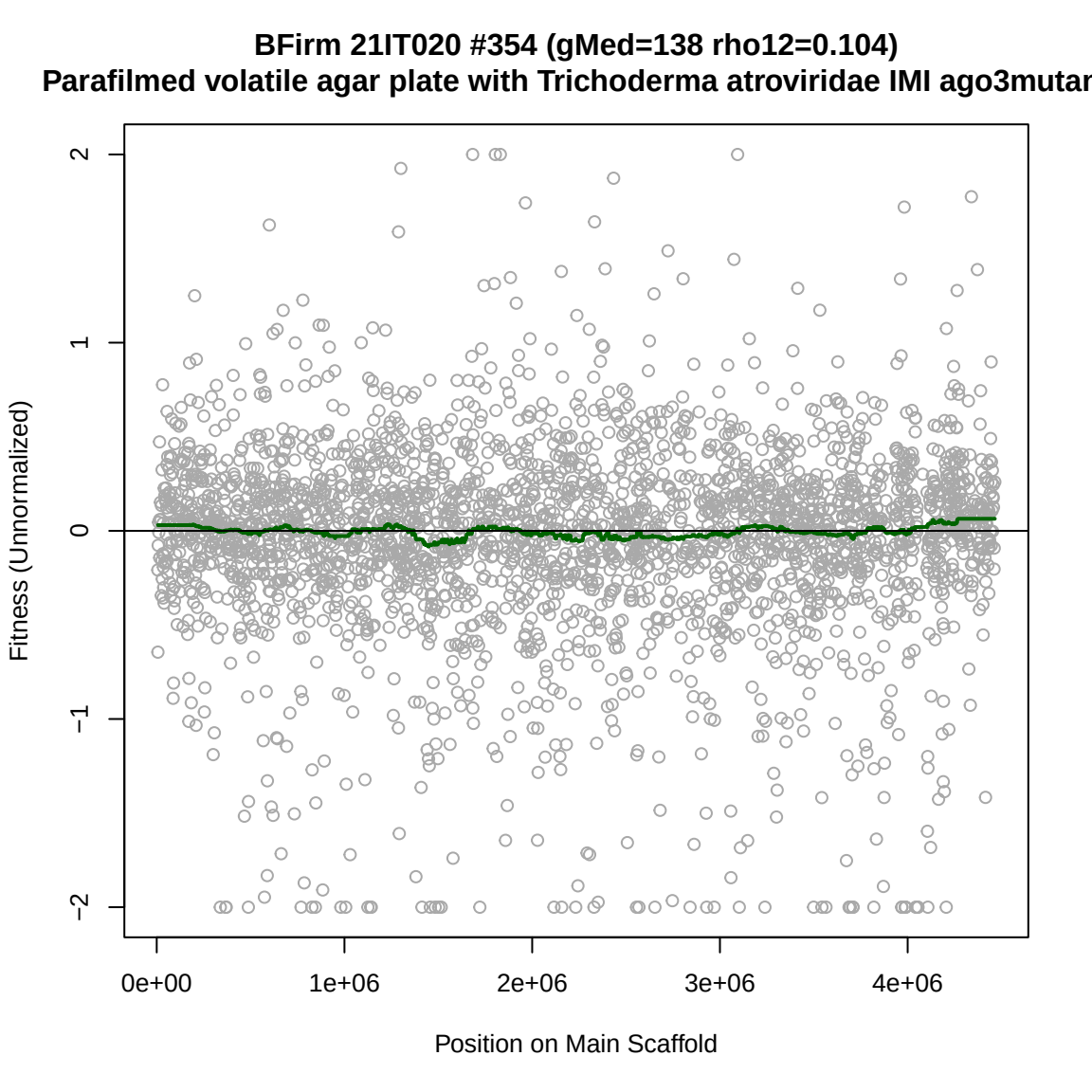

BFirm 21IT014 #348 (gMed=143 rho12=0.124)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

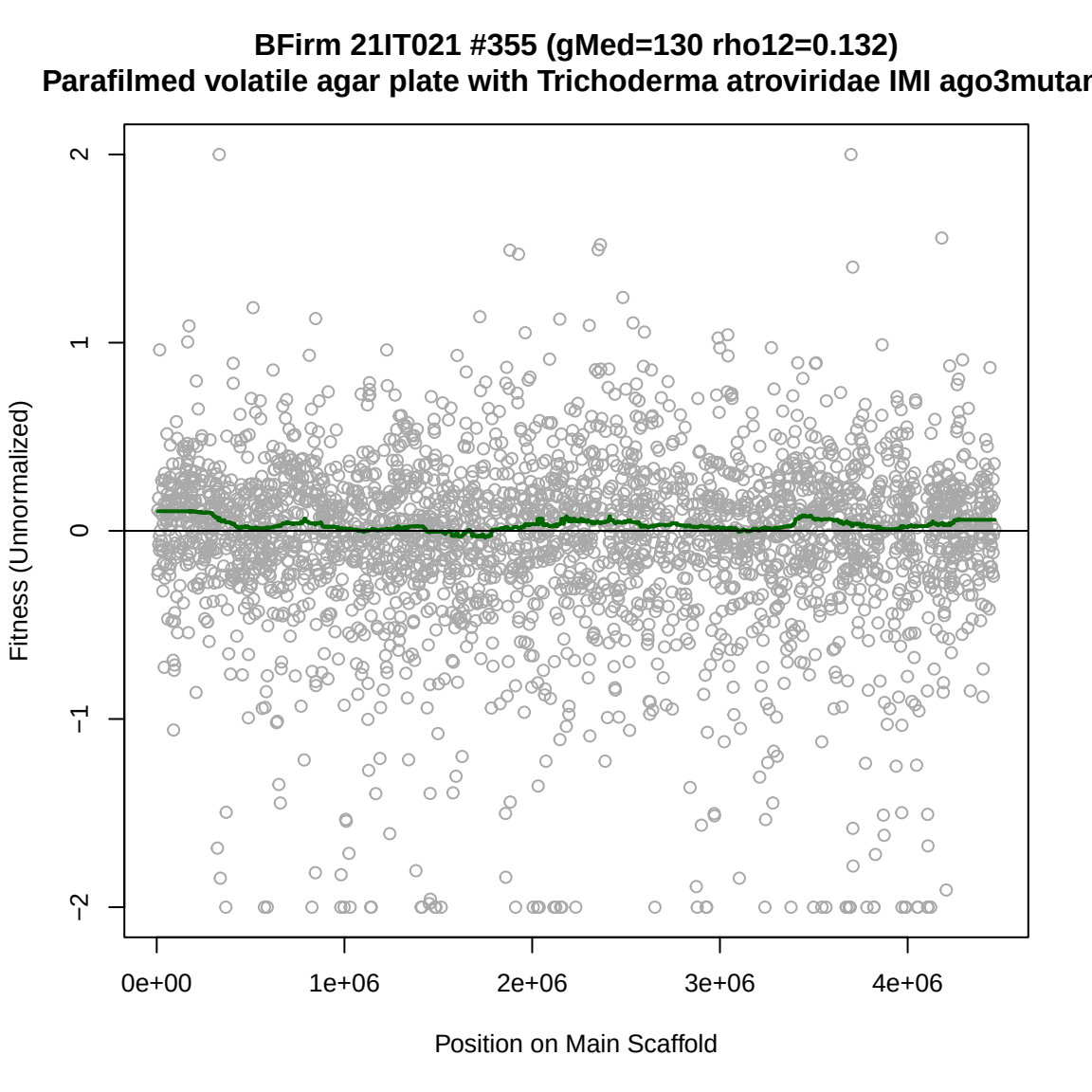

BFirm 21IT015 #349 (gMed=137 rho12=0.135)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

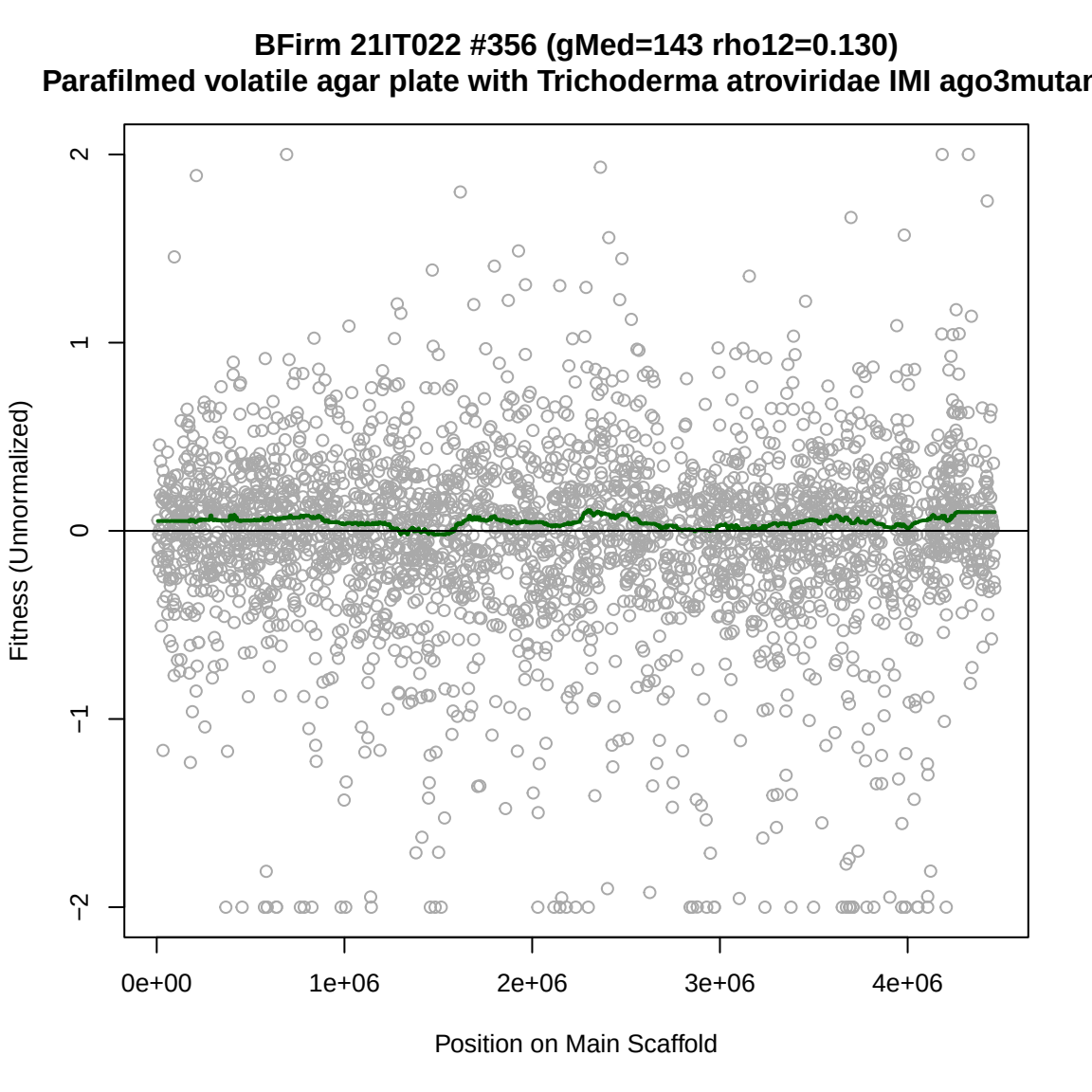

BFirm 21IT016 #350 (gMed=158 rho12=0.108)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

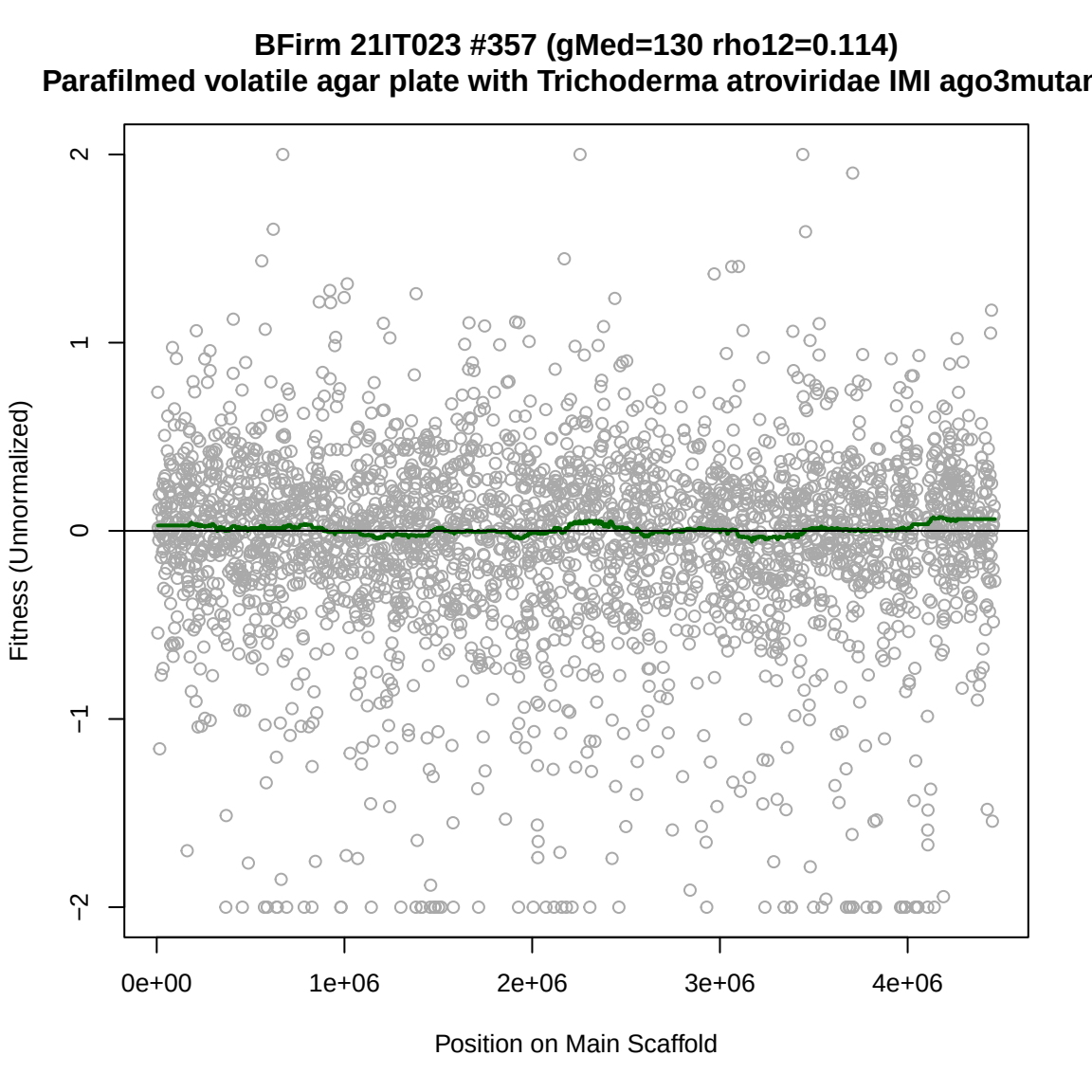

BFirm 21IT018 #352 (gMed=153 rho12=0.140)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

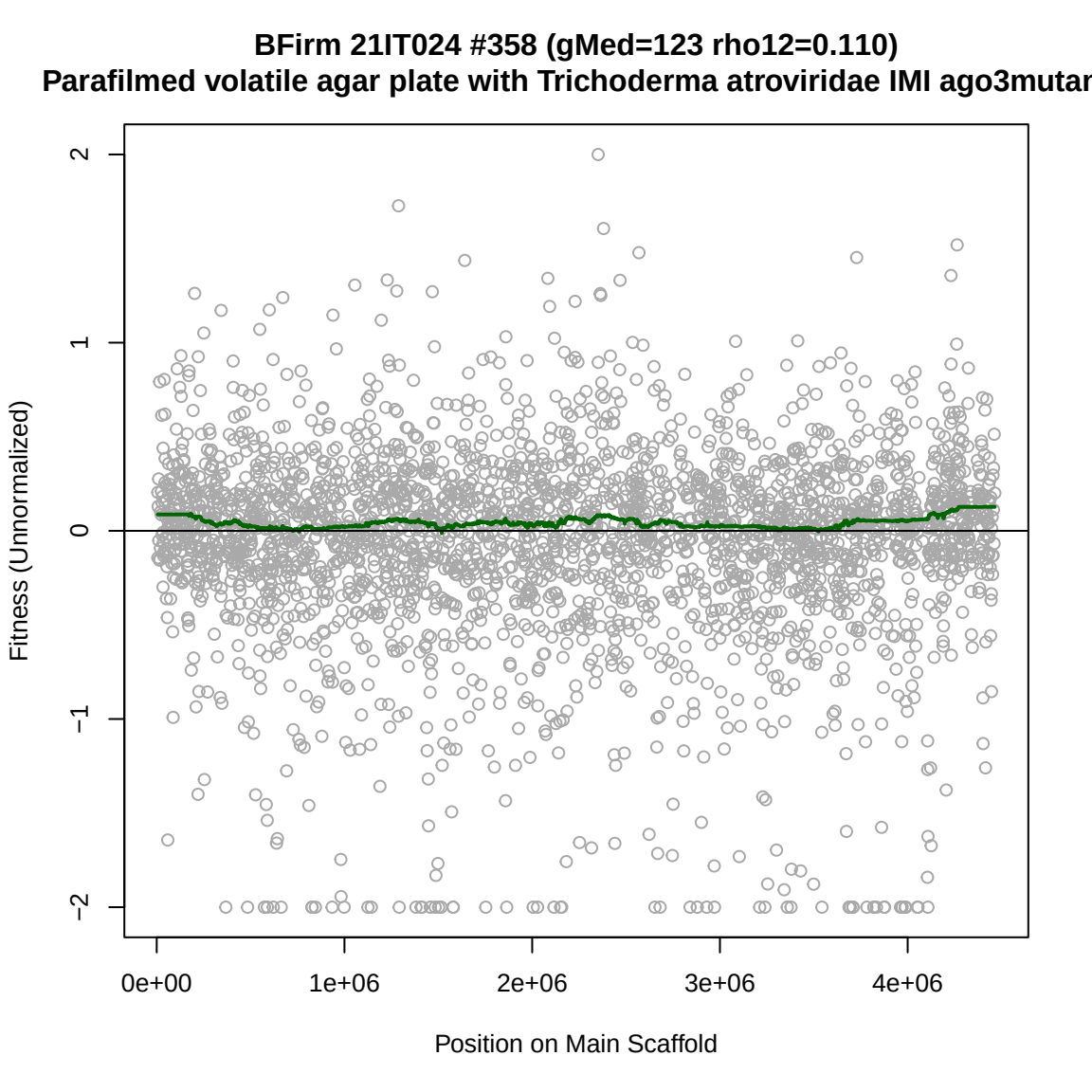

BFirm 21IT019 #353 (gMed=147 rho12=0.120)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

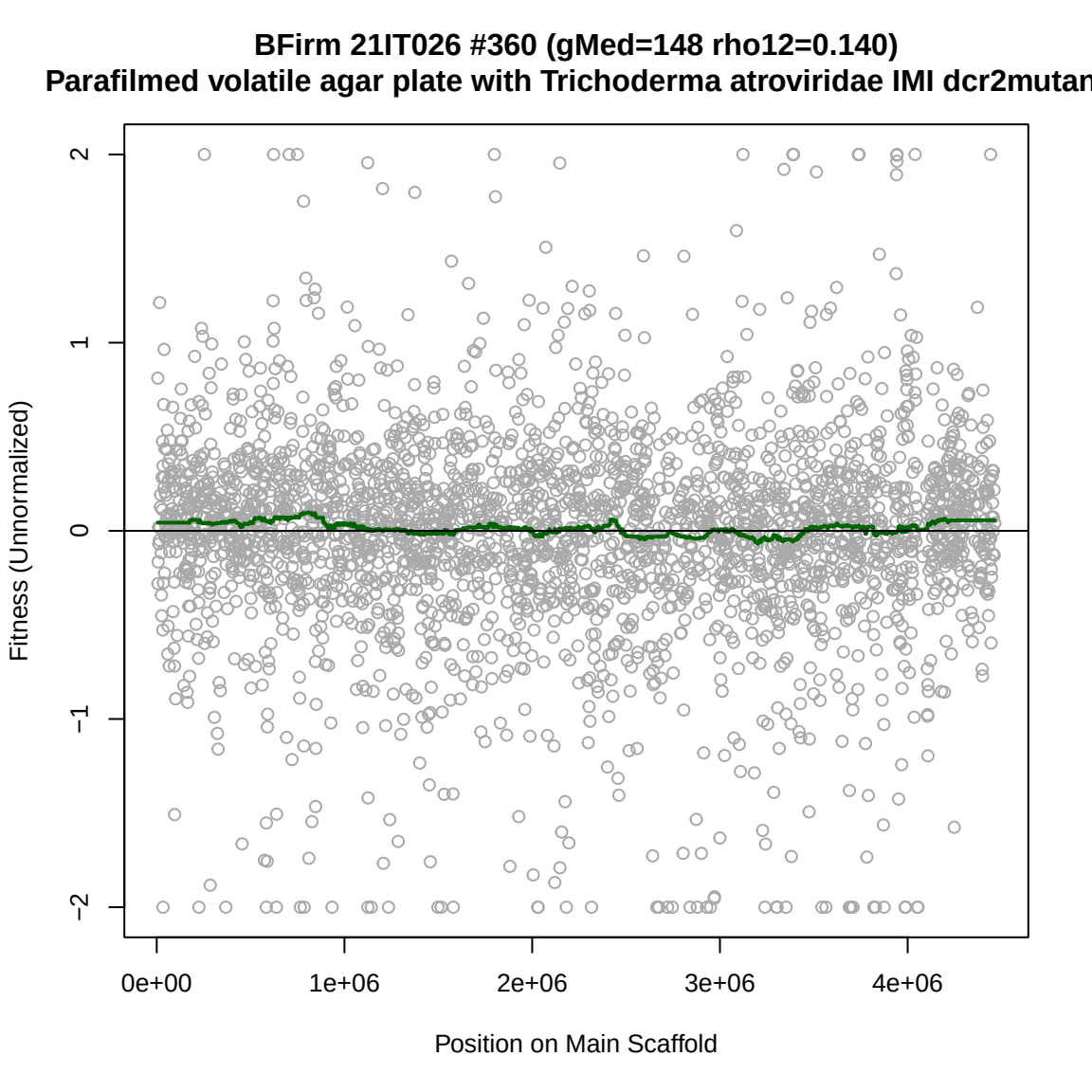

BFirm 21IT020 #354 (gMed=138 rho12=0.104)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI ago3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

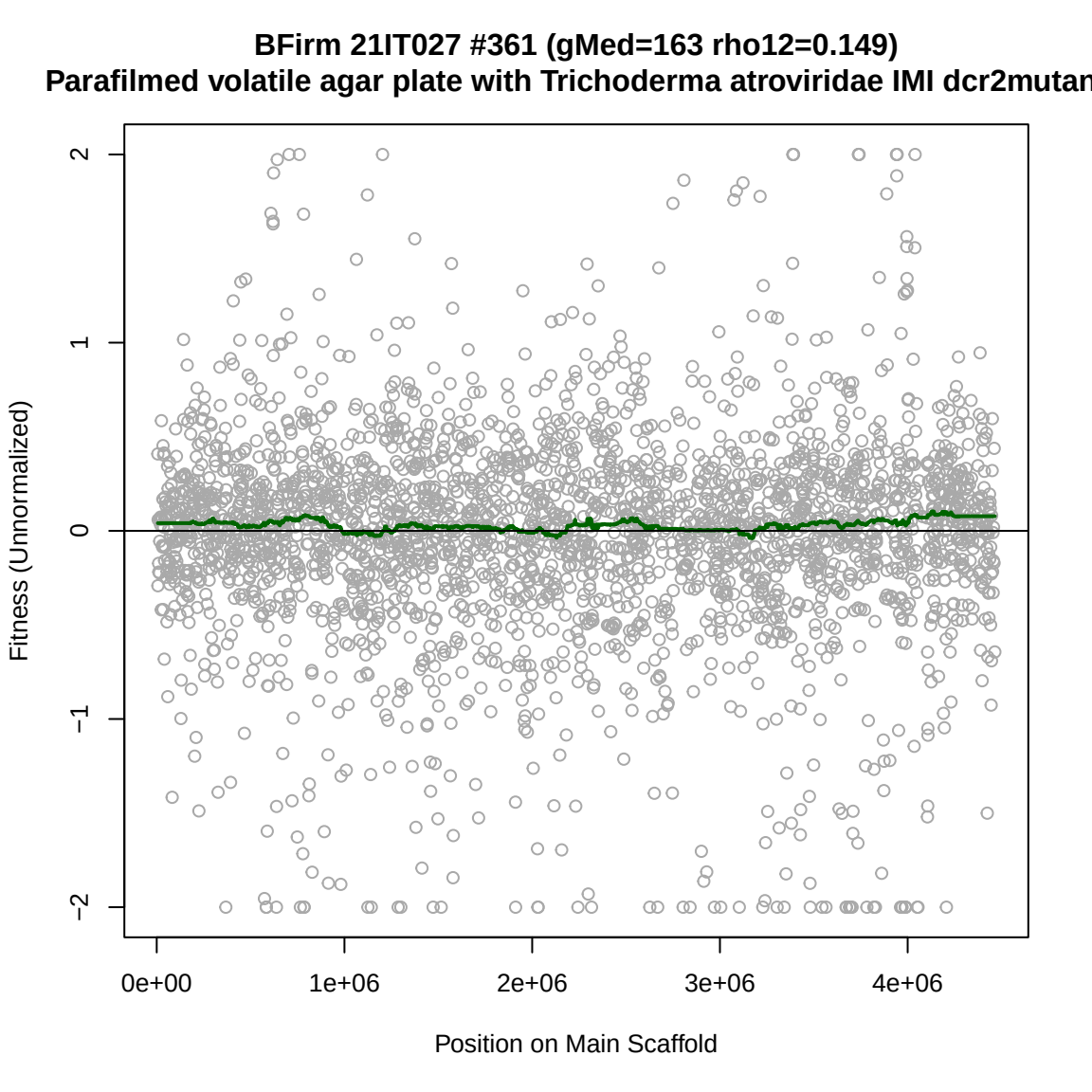

BFirm 21IT021 #355 (gMed=130 rho12=0.132)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI ago3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

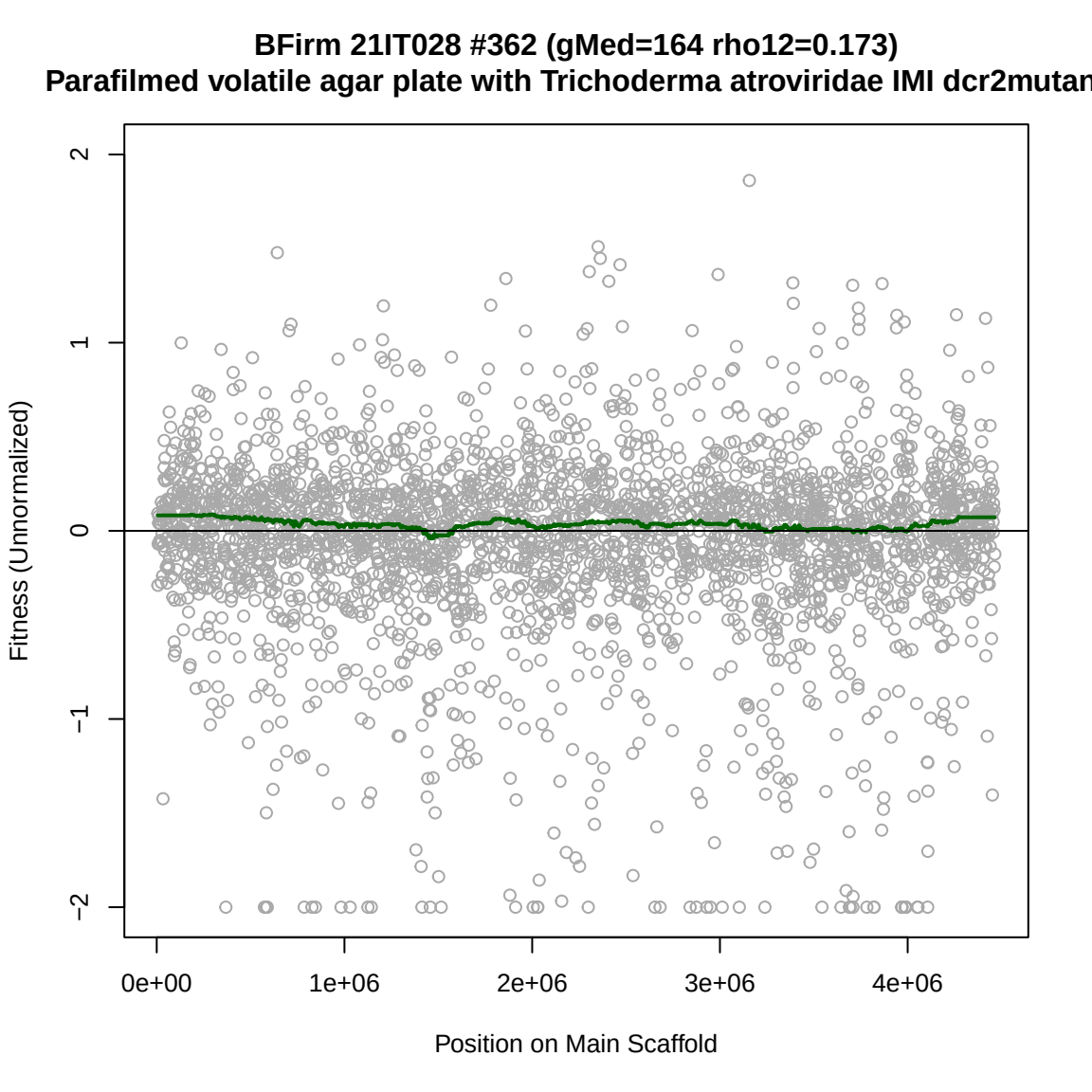

BFirm 21IT022 #356 (gMed=143 rho12=0.130)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI ago3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

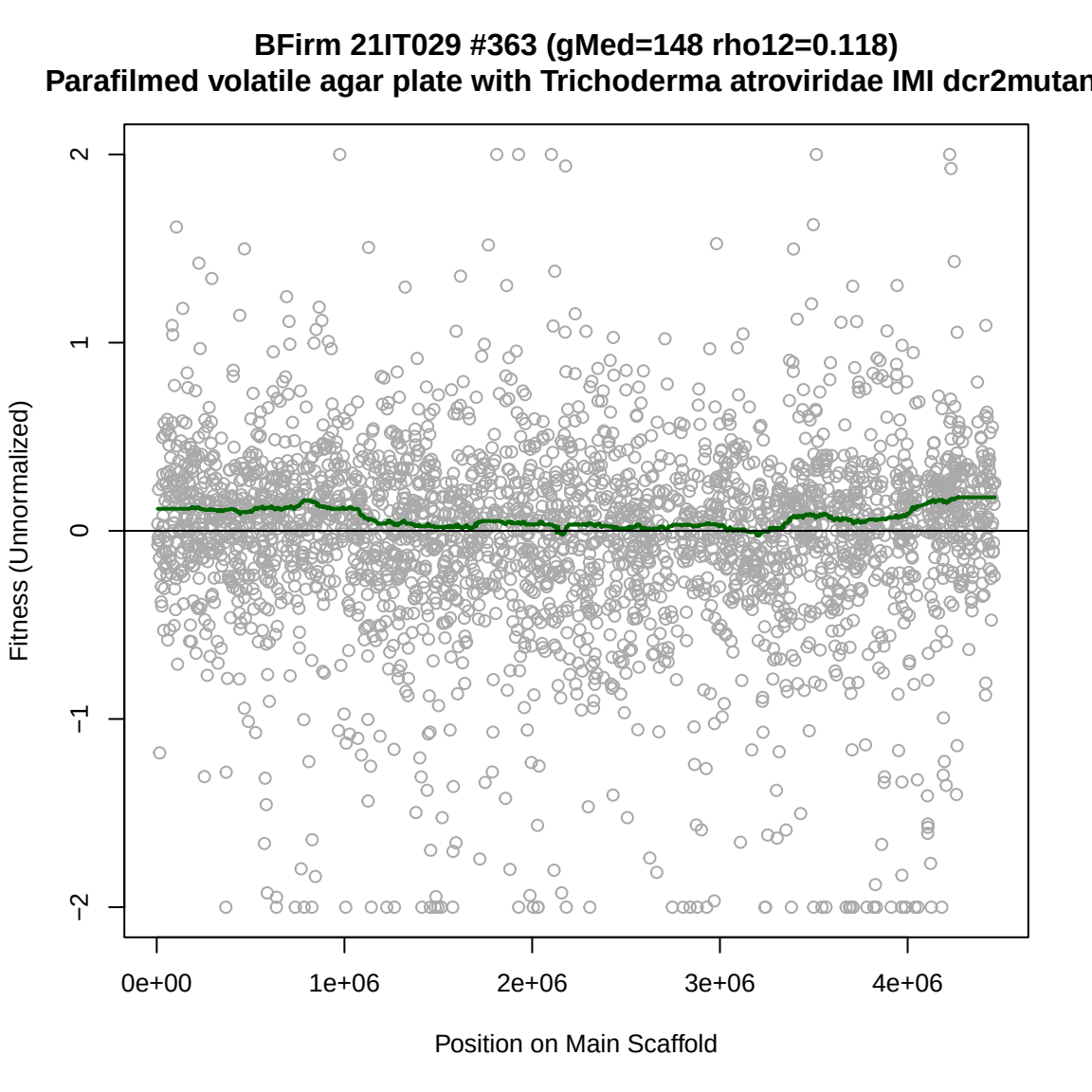

BFirm 21IT023 #357 (gMed=130 rho12=0.114)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI ago3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

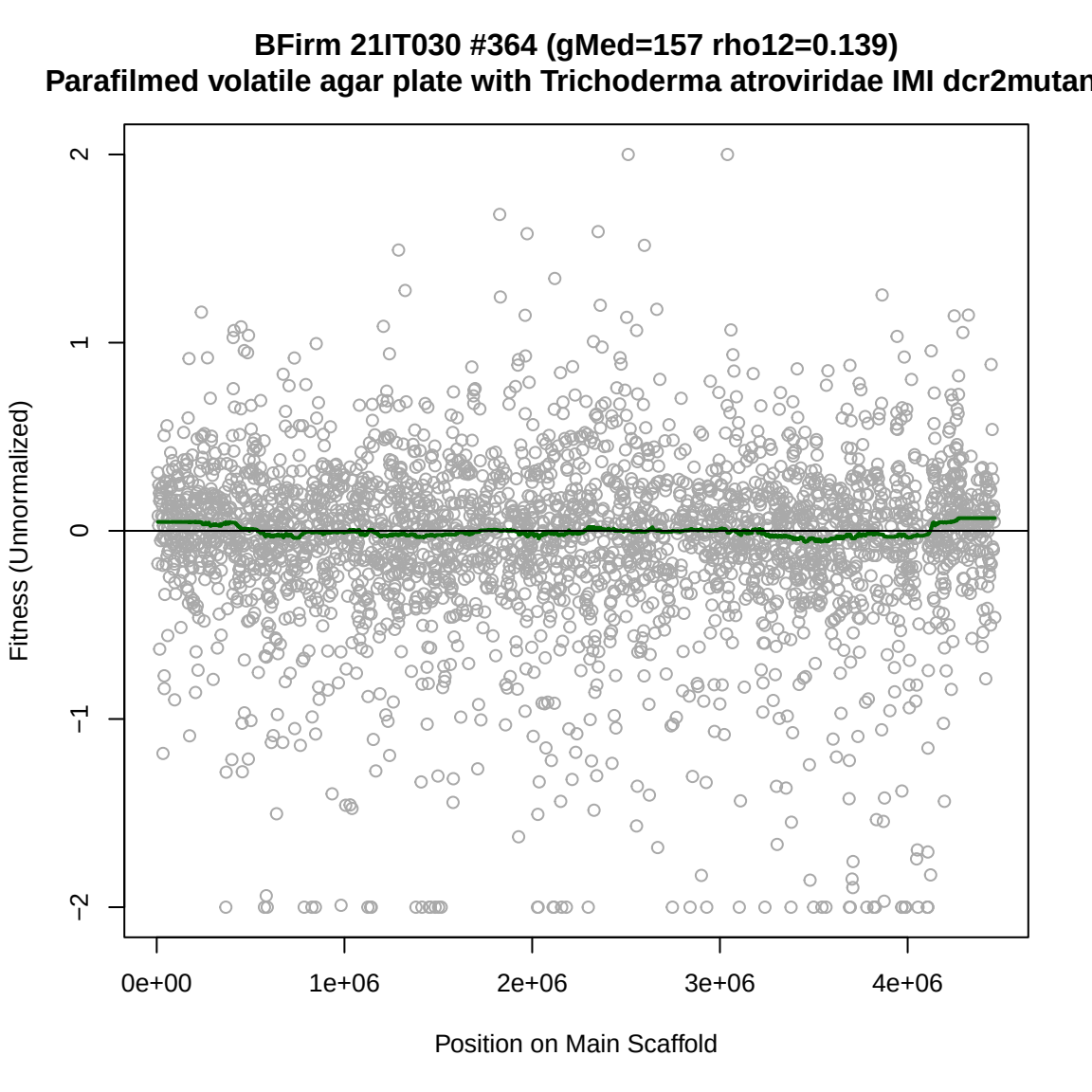

BFirm 21IT024 #358 (gMed=123 rho12=0.110)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI ago3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

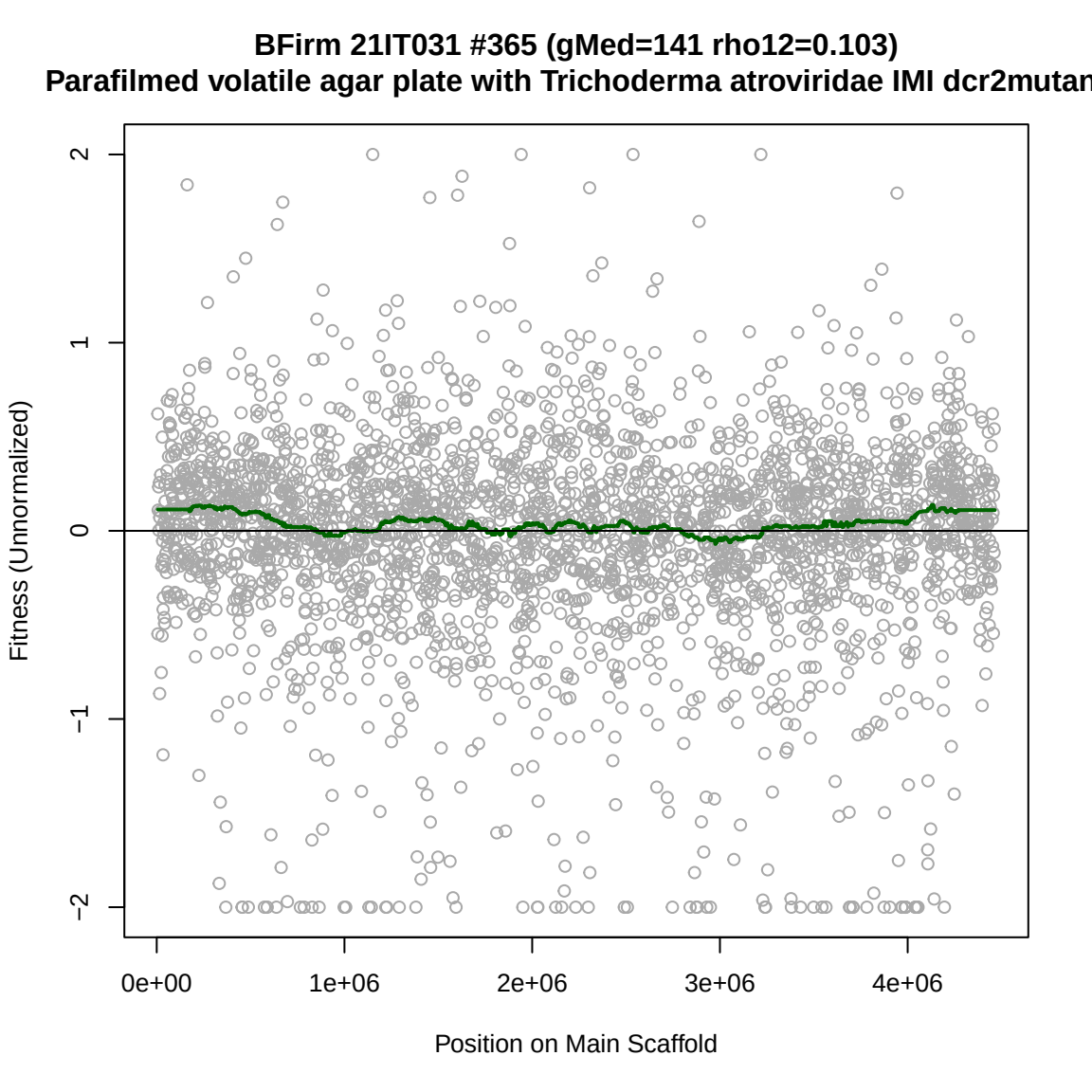

BFirm 21IT026 #360 (gMed=148 rho12=0.140)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI dcr2mutan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

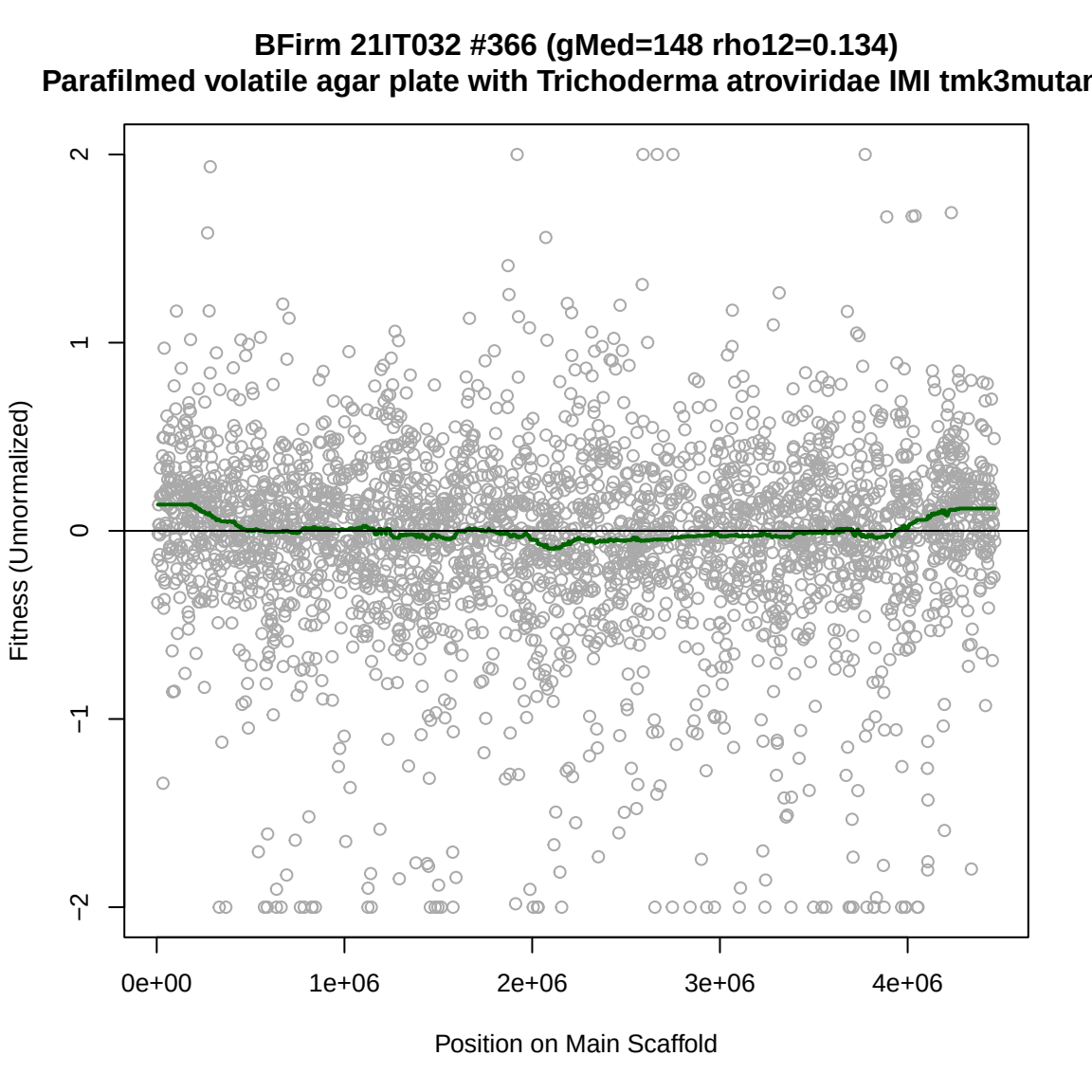

BFirm 21IT027 #361 (gMed=163 rho12=0.149)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI dcr2mutan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

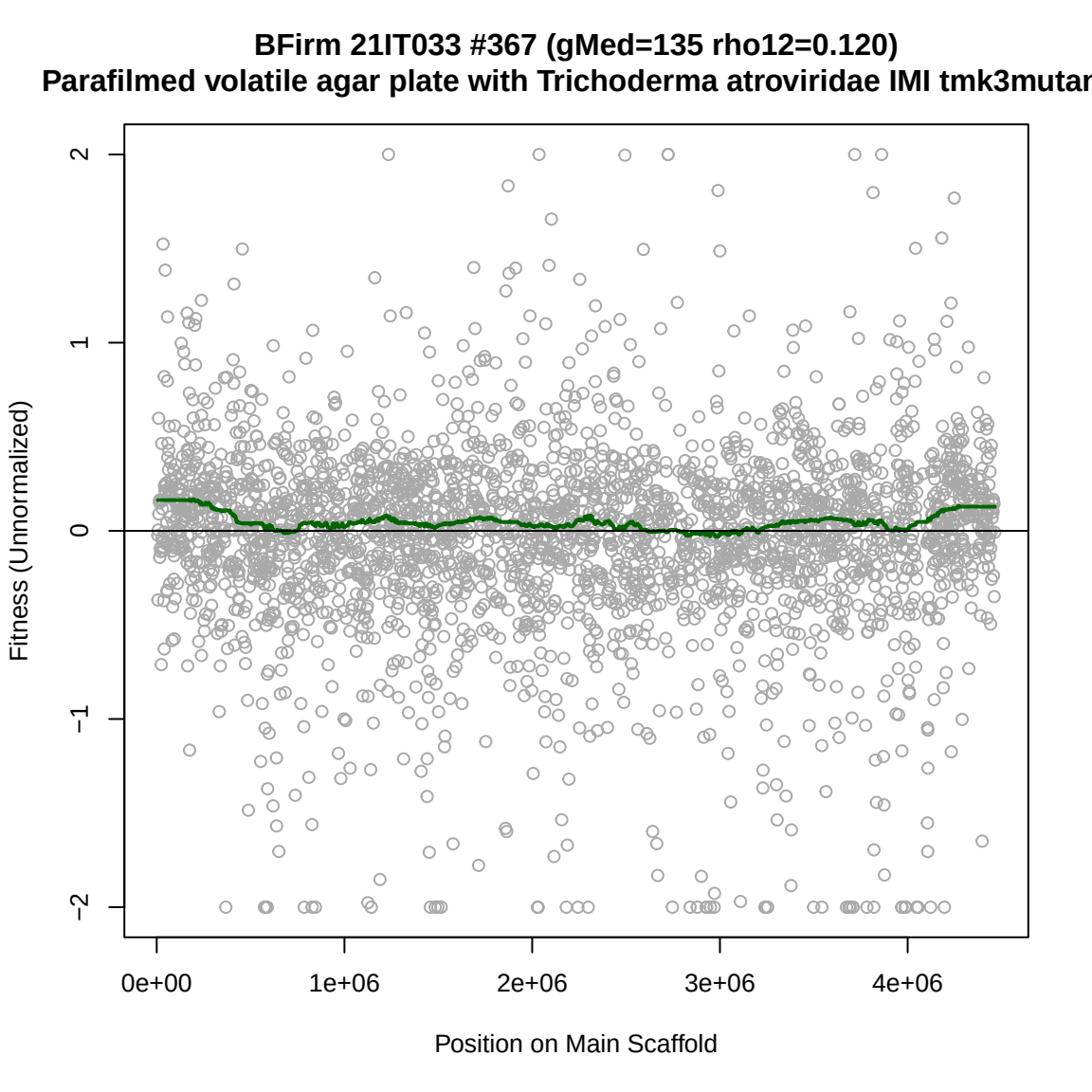

BFirm 21IT028 #362 (gMed=164 rho12=0.173)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI dcr2mutan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

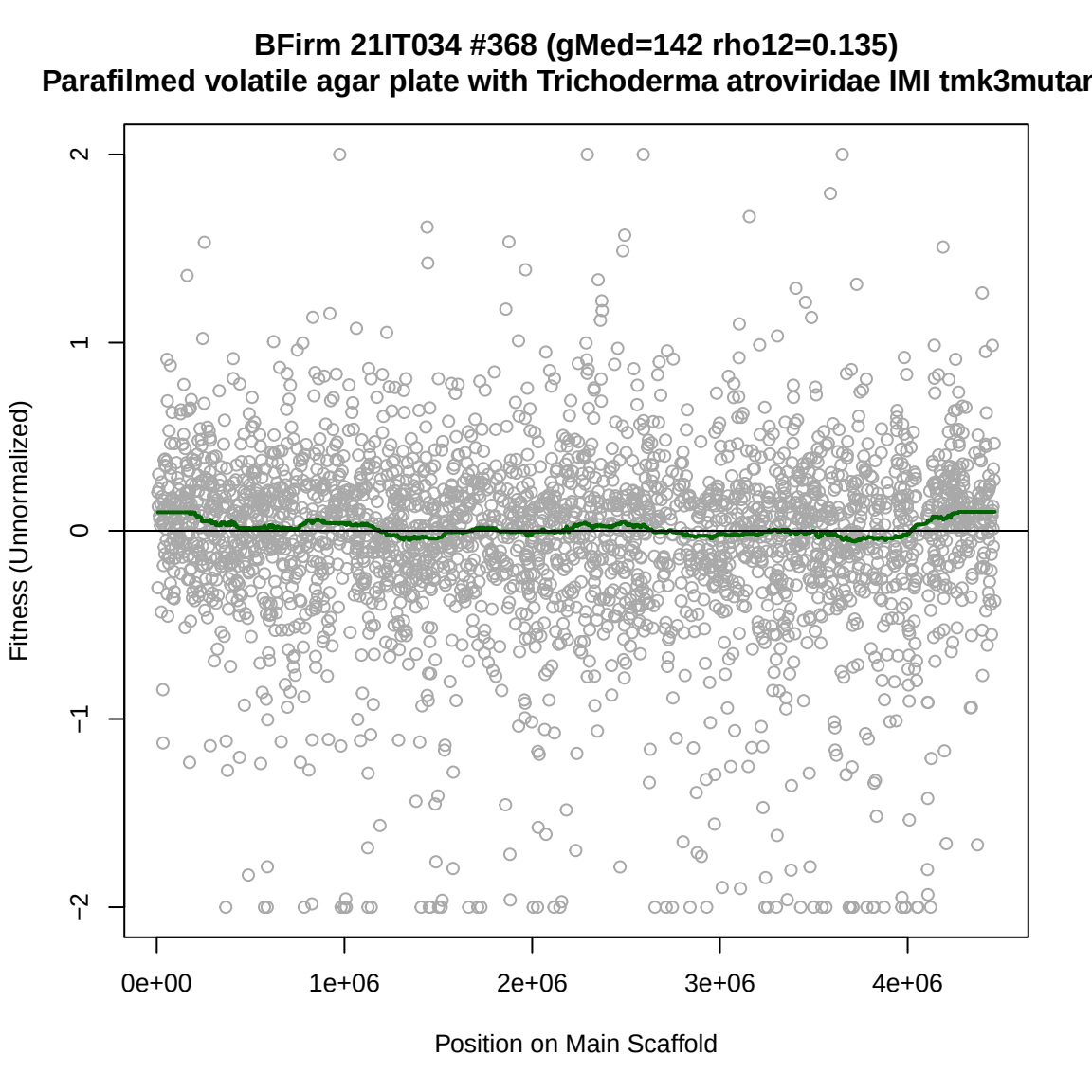

BFirm 21IT029 #363 (gMed=148 rho12=0.118)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI dcr2mutan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

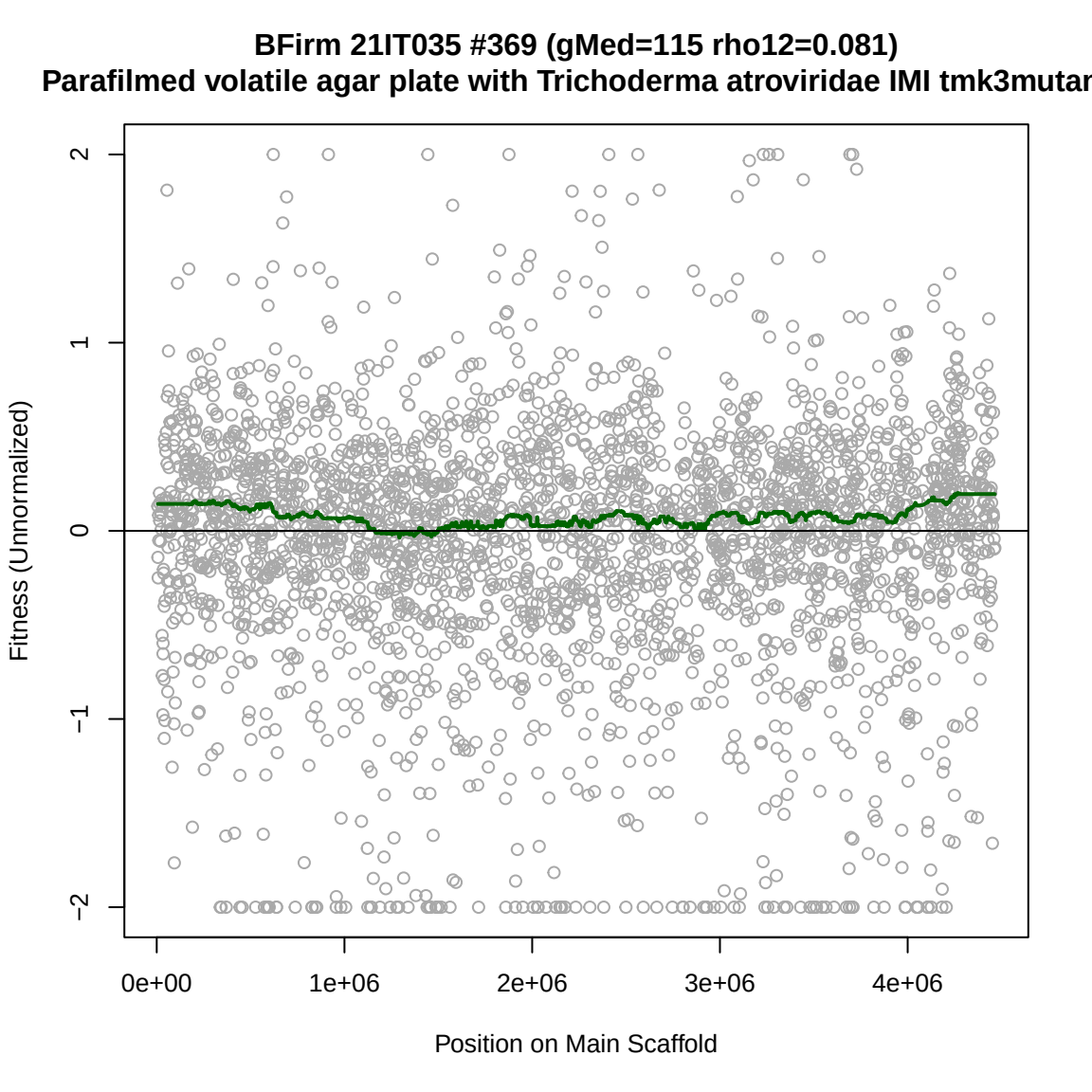

BFirm 21IT030 #364 (gMed=157 rho12=0.139)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI dcr2mutan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

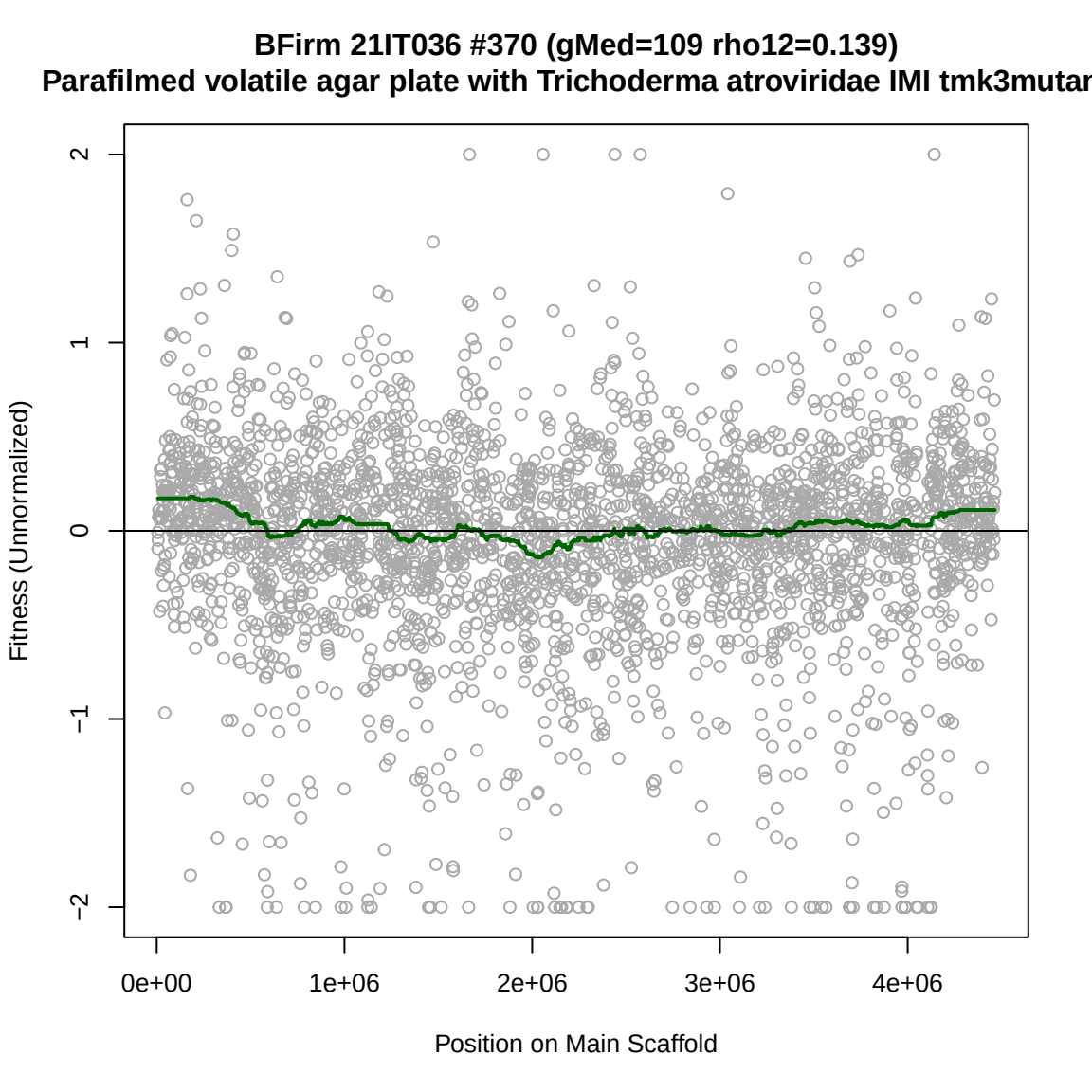

BFirm 21IT031 #365 (gMed=141 rho12=0.103)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI dcr2mutan
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

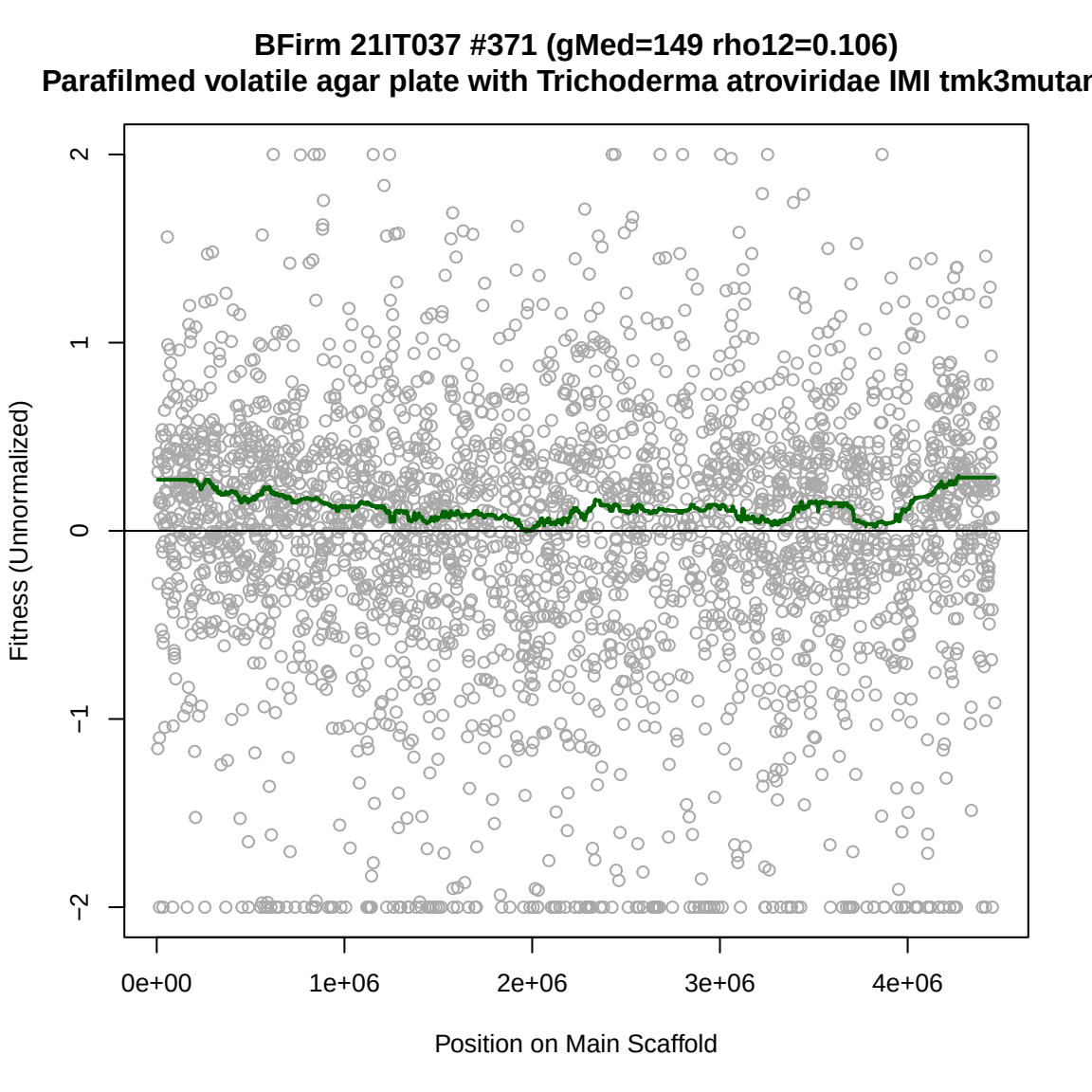

BFirm 21IT032 #366 (gMed=148 rho12=0.134)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI tmk3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

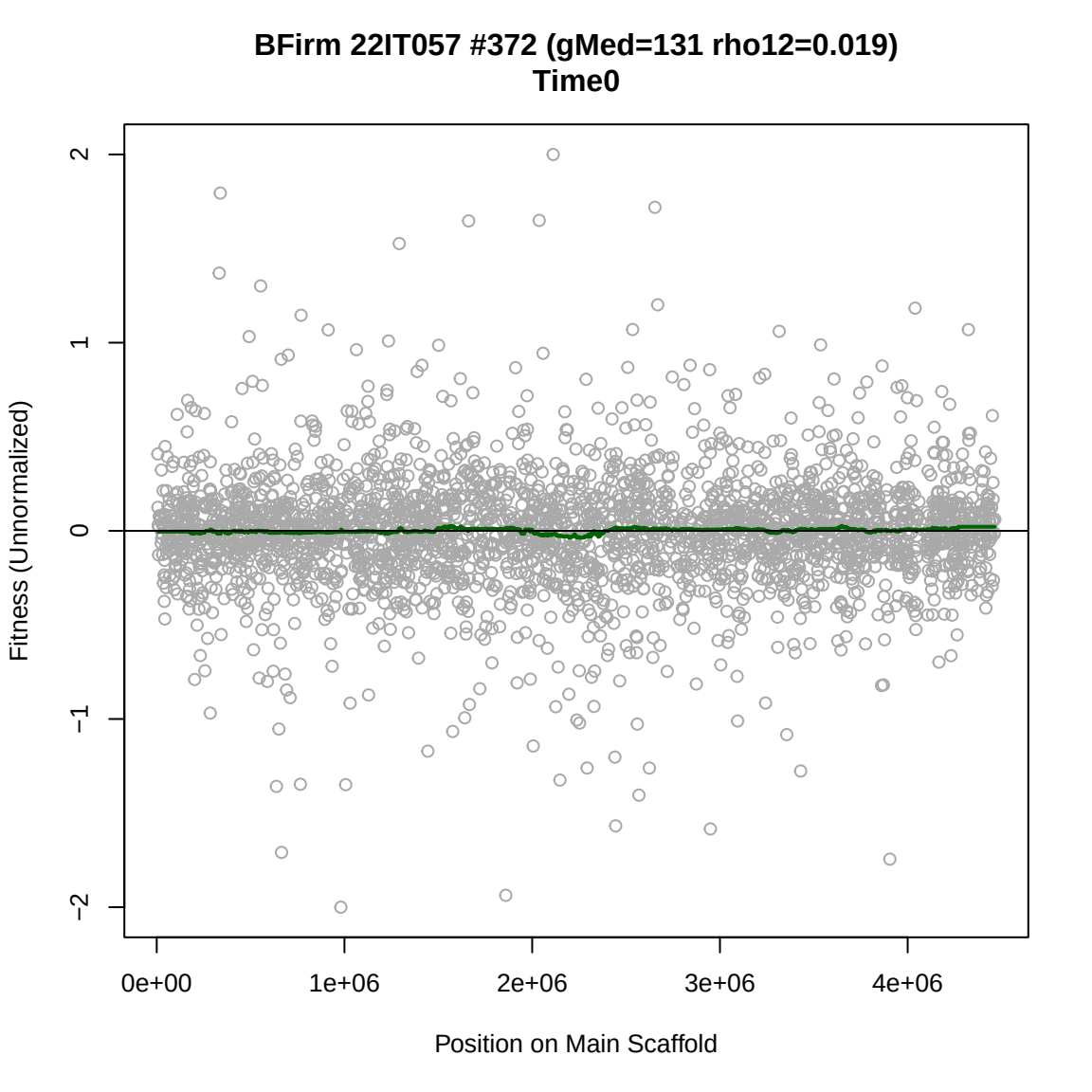

BFirm 21IT033 #367 (gMed=135 rho12=0.120)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI tmk3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

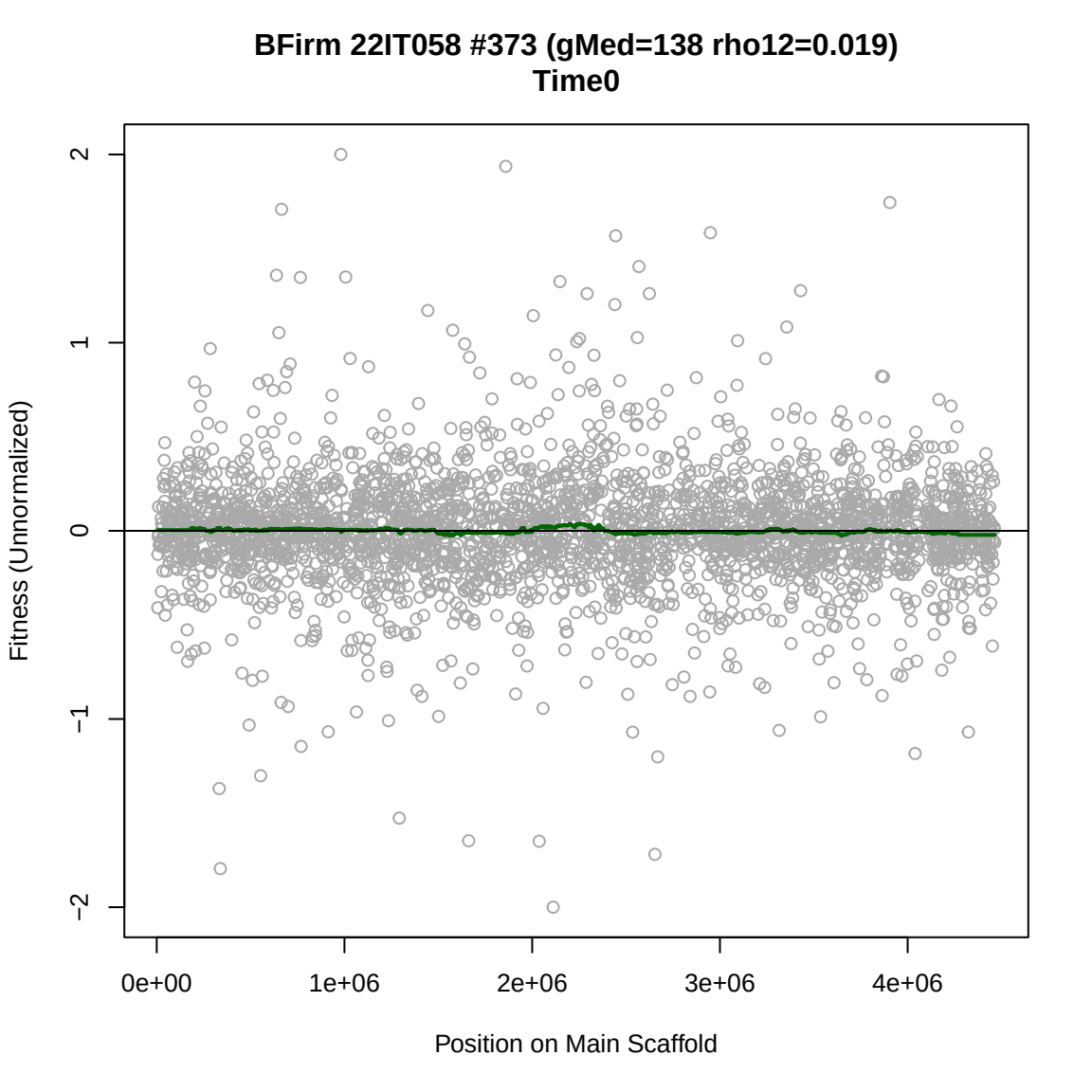

BFirm 21IT034 #368 (gMed=142 rho12=0.135)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI tmk3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

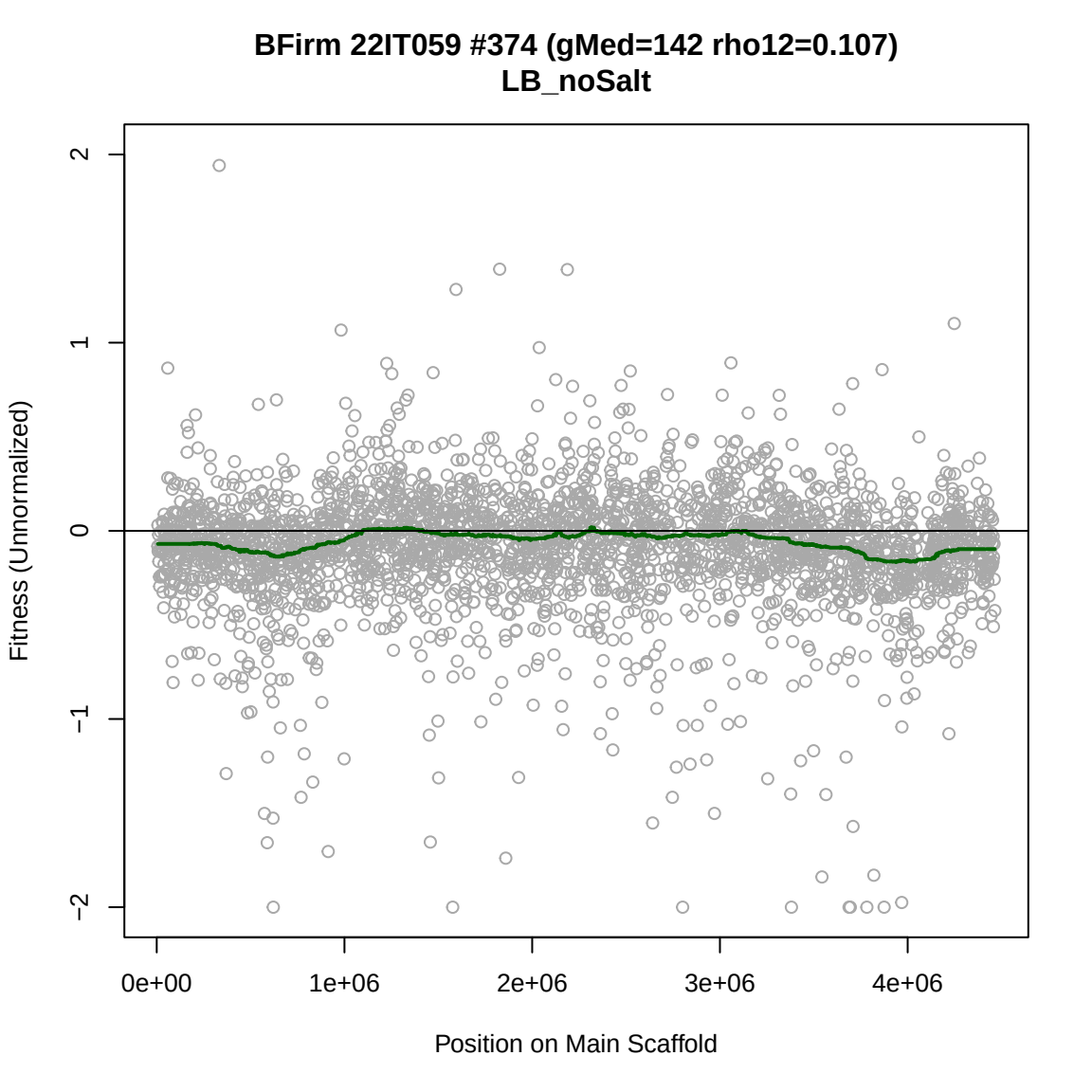

BFirm 21IT035 #369 (gMed=115 rho12=0.081)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI tmk3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

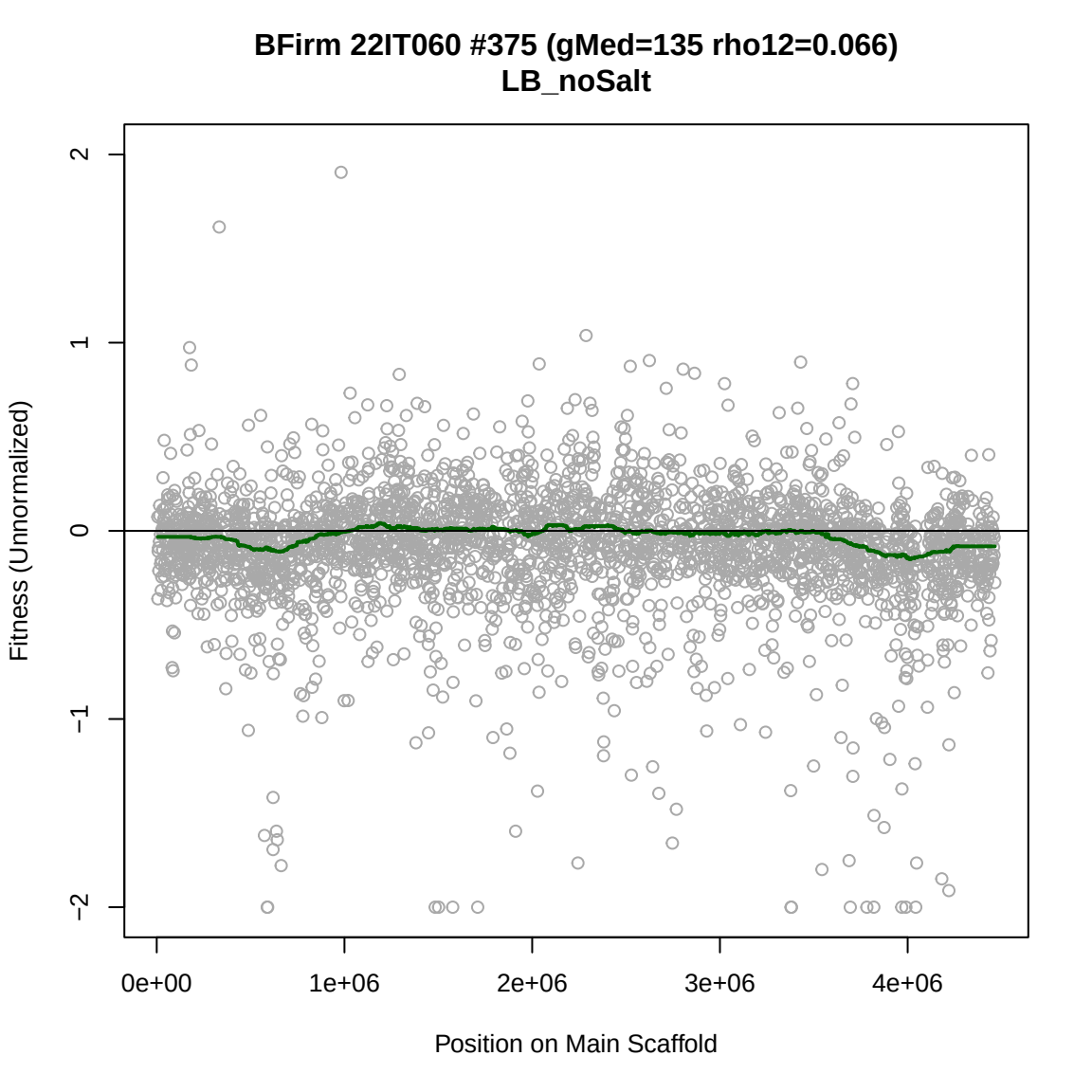

BFirm 21IT036 #370 (gMed=109 rho12=0.139)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI tmk3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

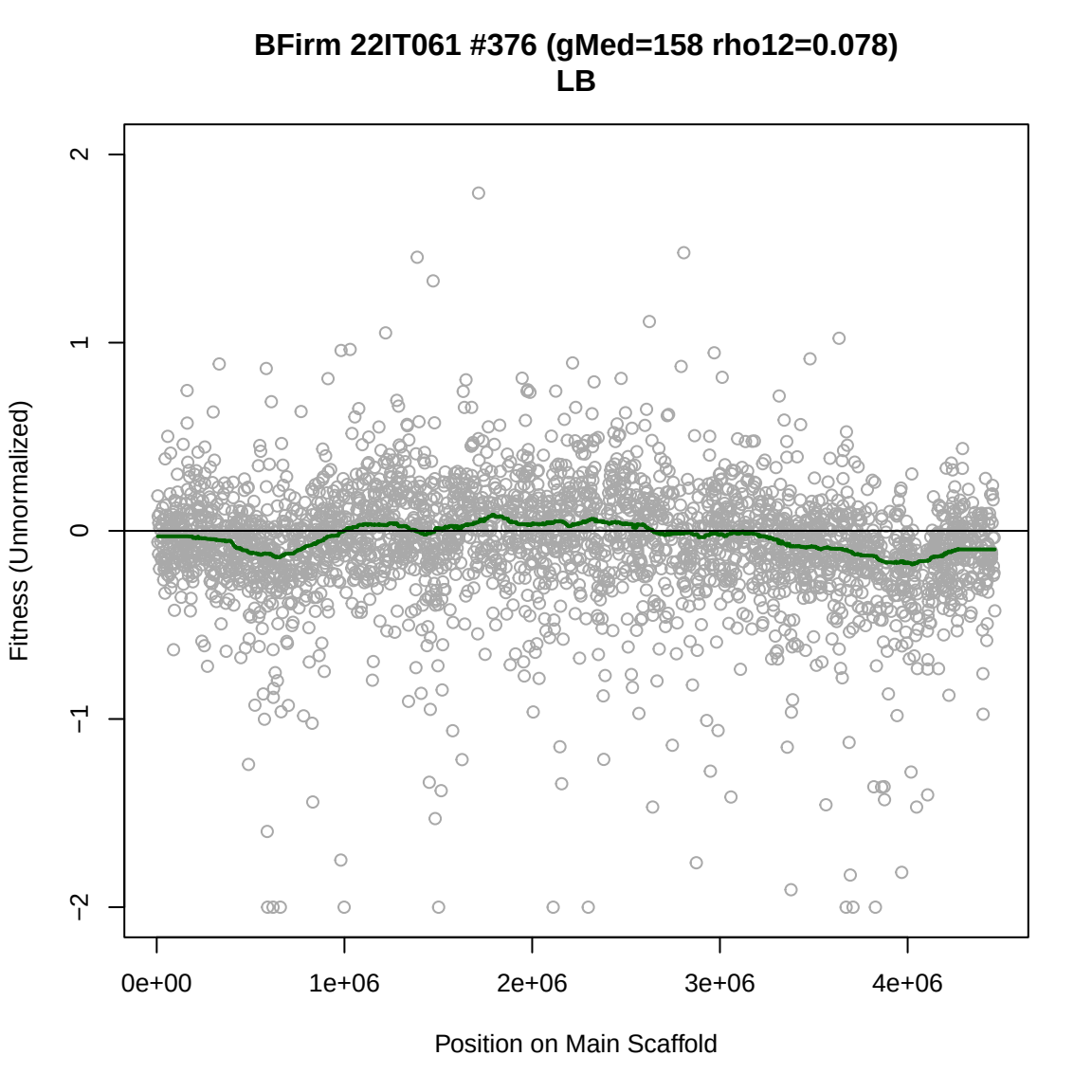

BFirm 21IT037 #371 (gMed=149 rho12=0.106)
Parafilmed volatile agar plate with Trichoderma atroviridae IMI tmk3mutar
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

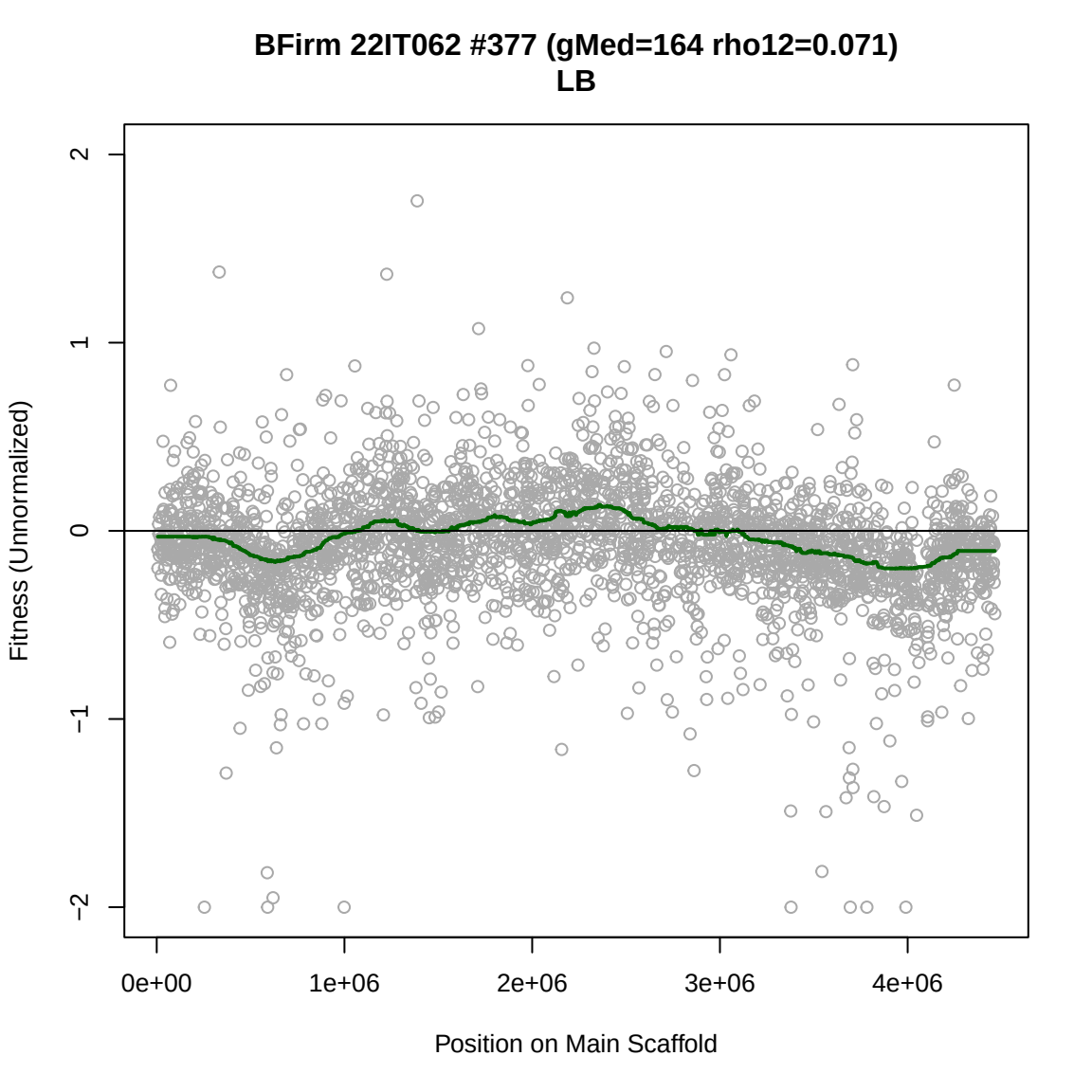

BFirm 22IT057 #372 (gMed=131 rho12=0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

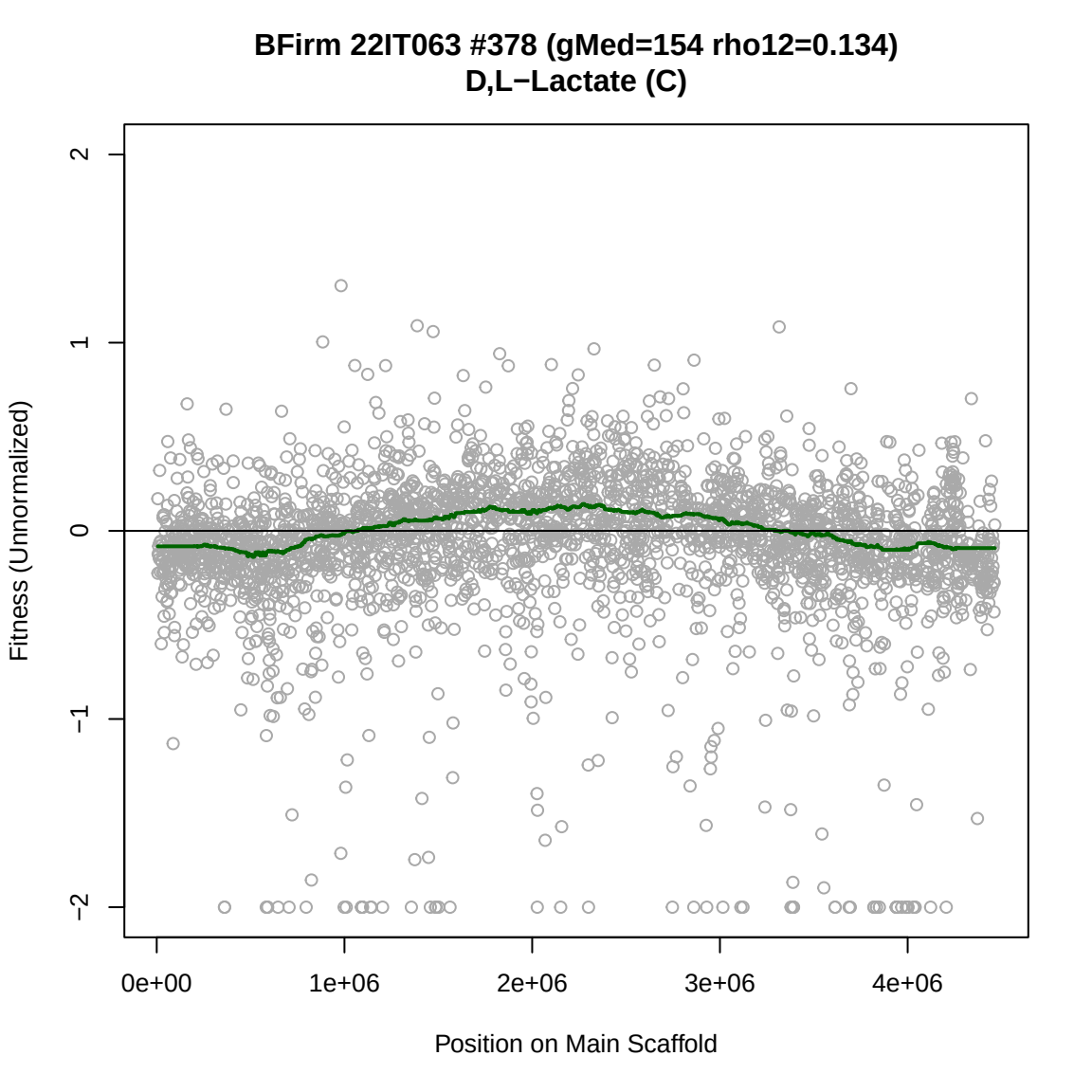

BFirm 22IT058 #373 (gMed=138 rho12=0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

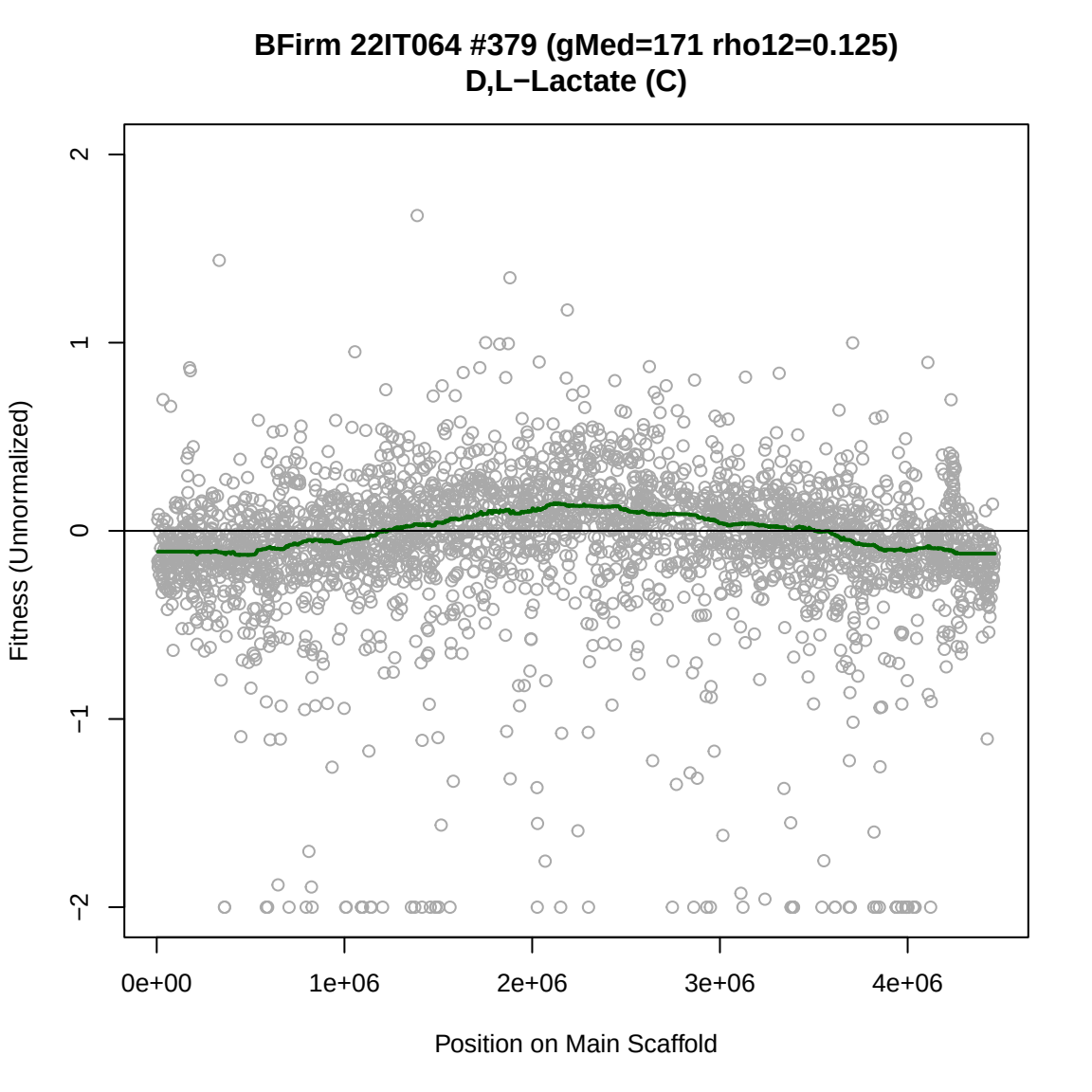

BFirm 22IT059 #374 (gMed=142 rho12=0.107)
LB_noSalt
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

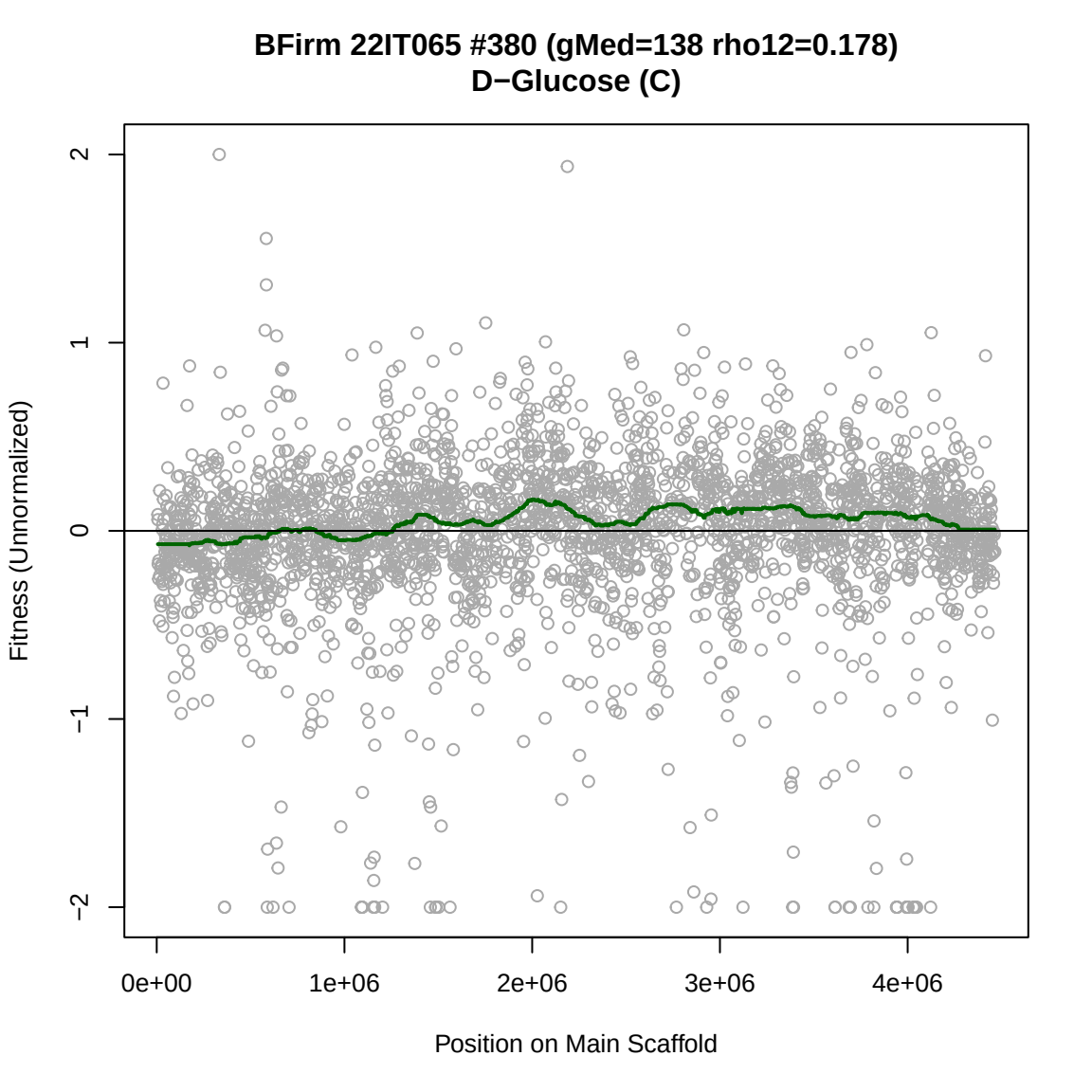

BFirm 22IT060 #375 (gMed=135 rho12=0.066)
LB_noSalt
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

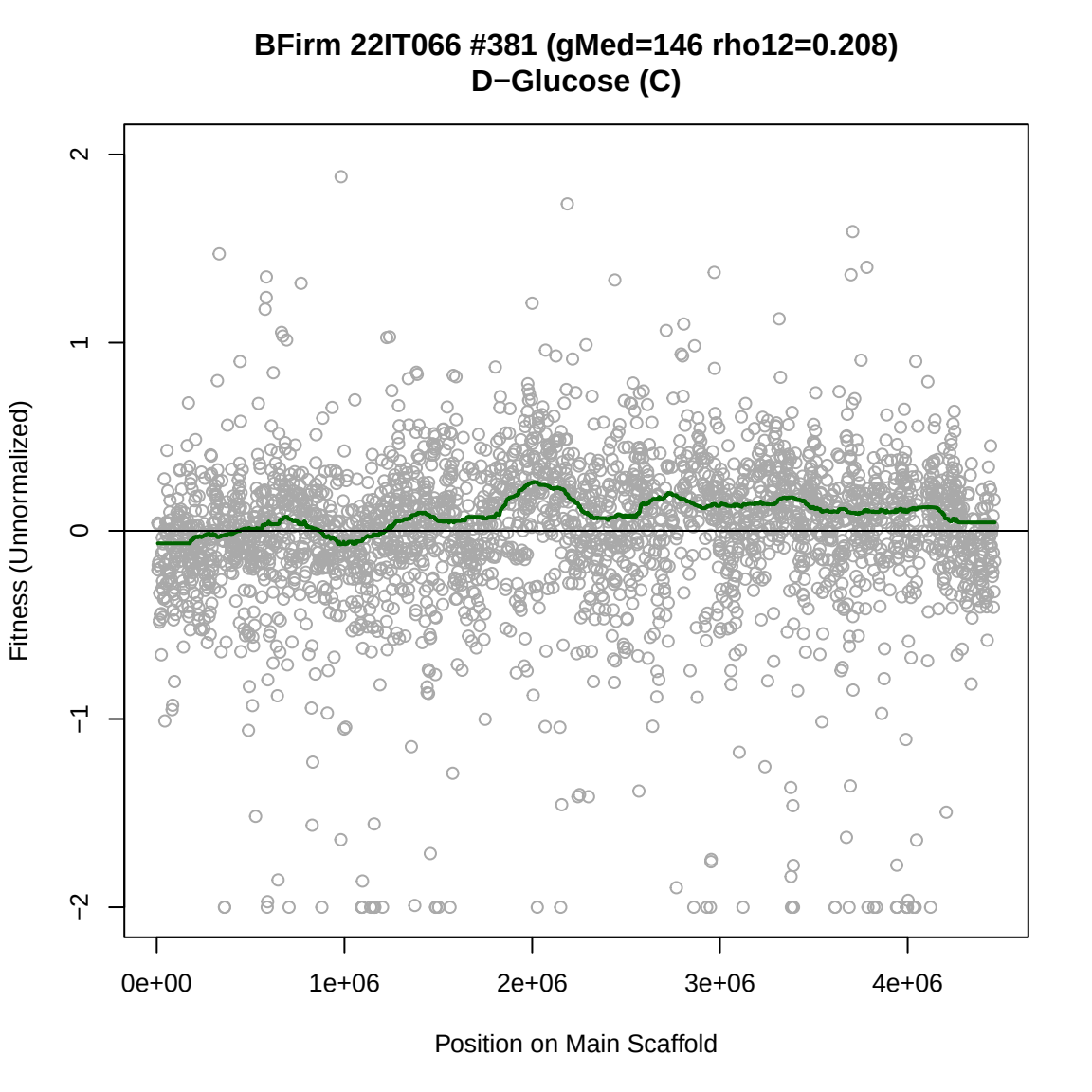

BFirm 22IT061 #376 (gMed=158 rho12=0.078)
LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

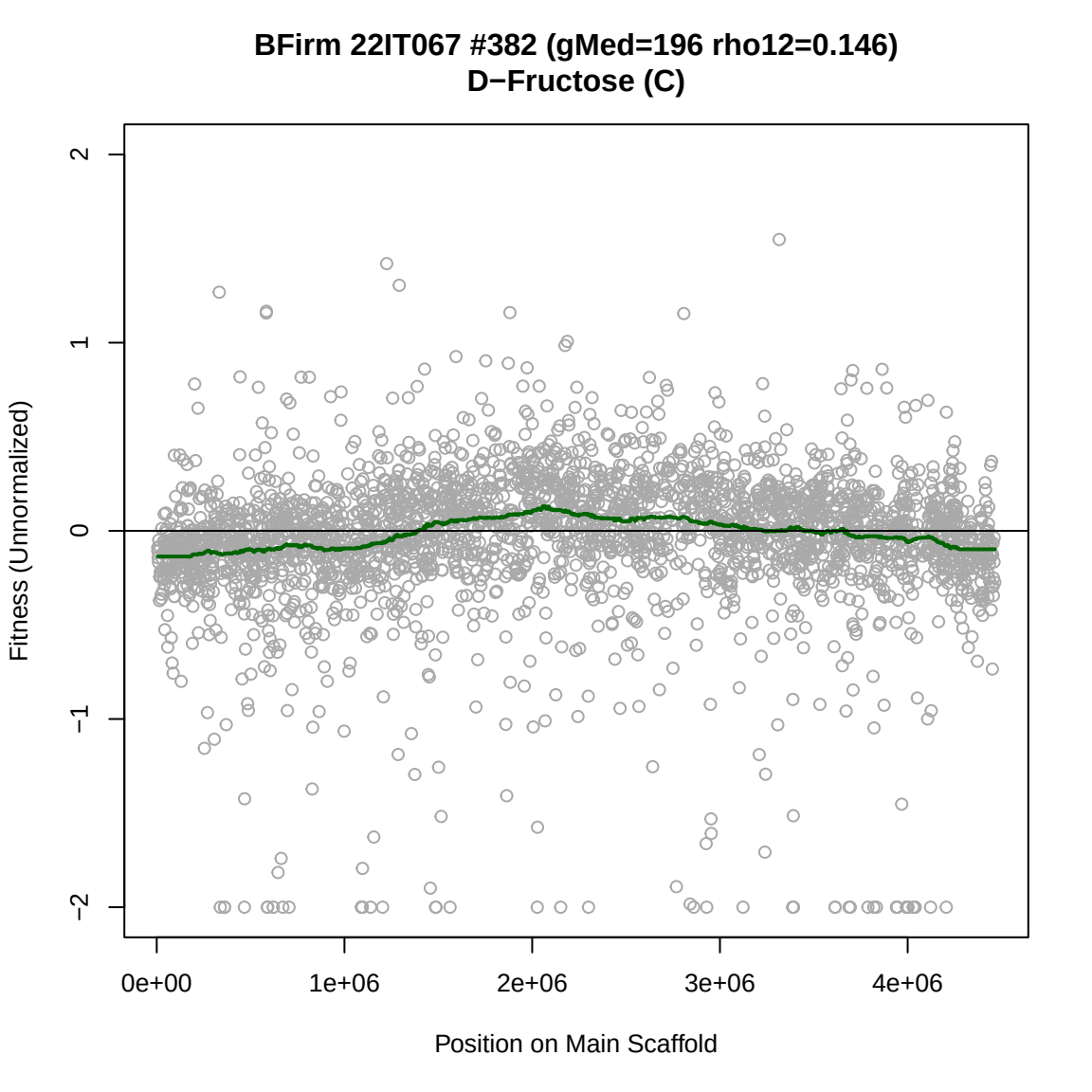

BFirm 22IT062 #377 (gMed=164 rho12=0.071)
LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

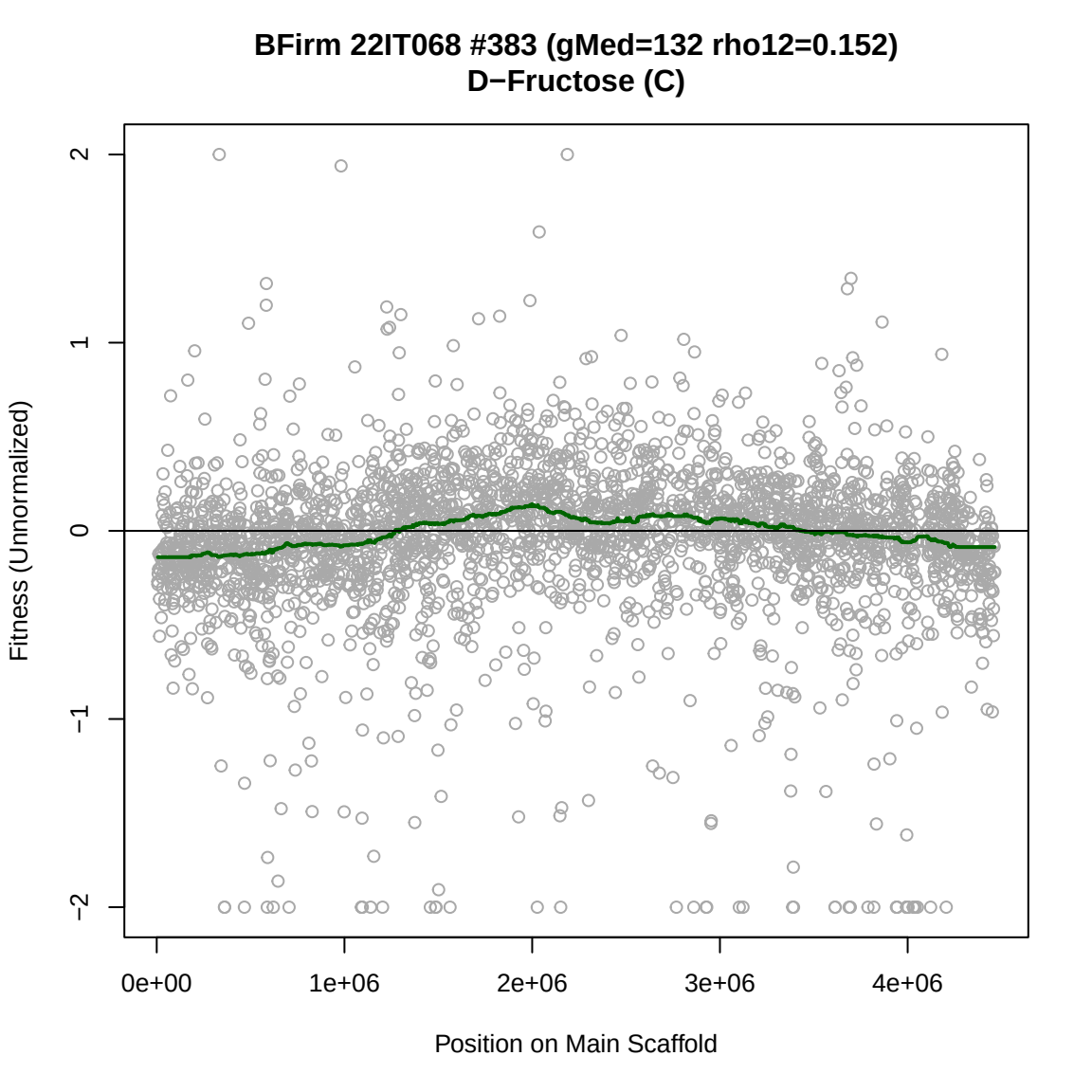

BFirm 22IT063 #378 (gMed=154 rho12=0.134)
D,L−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

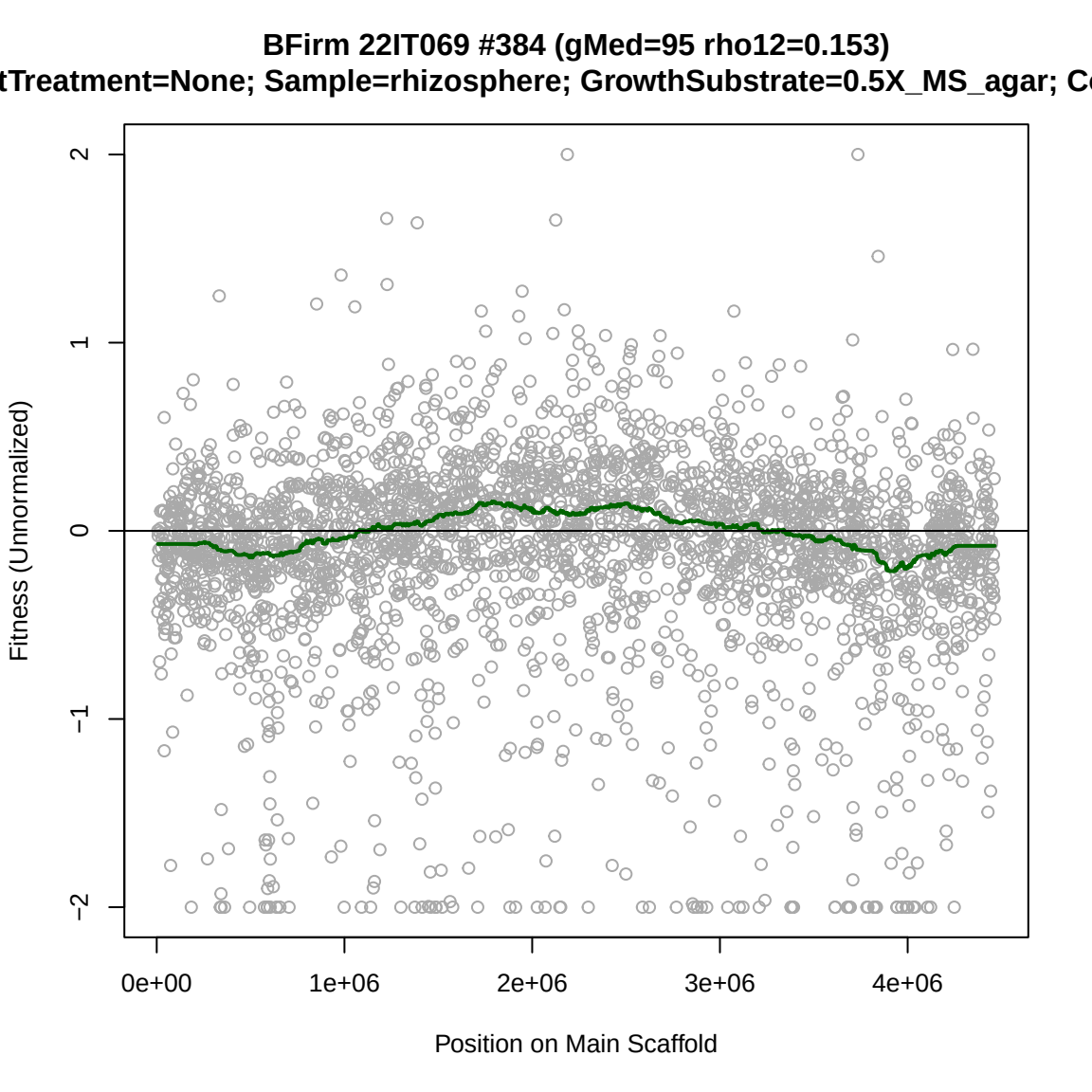

BFirm 22IT064 #379 (gMed=171 rho12=0.125)
D,L−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

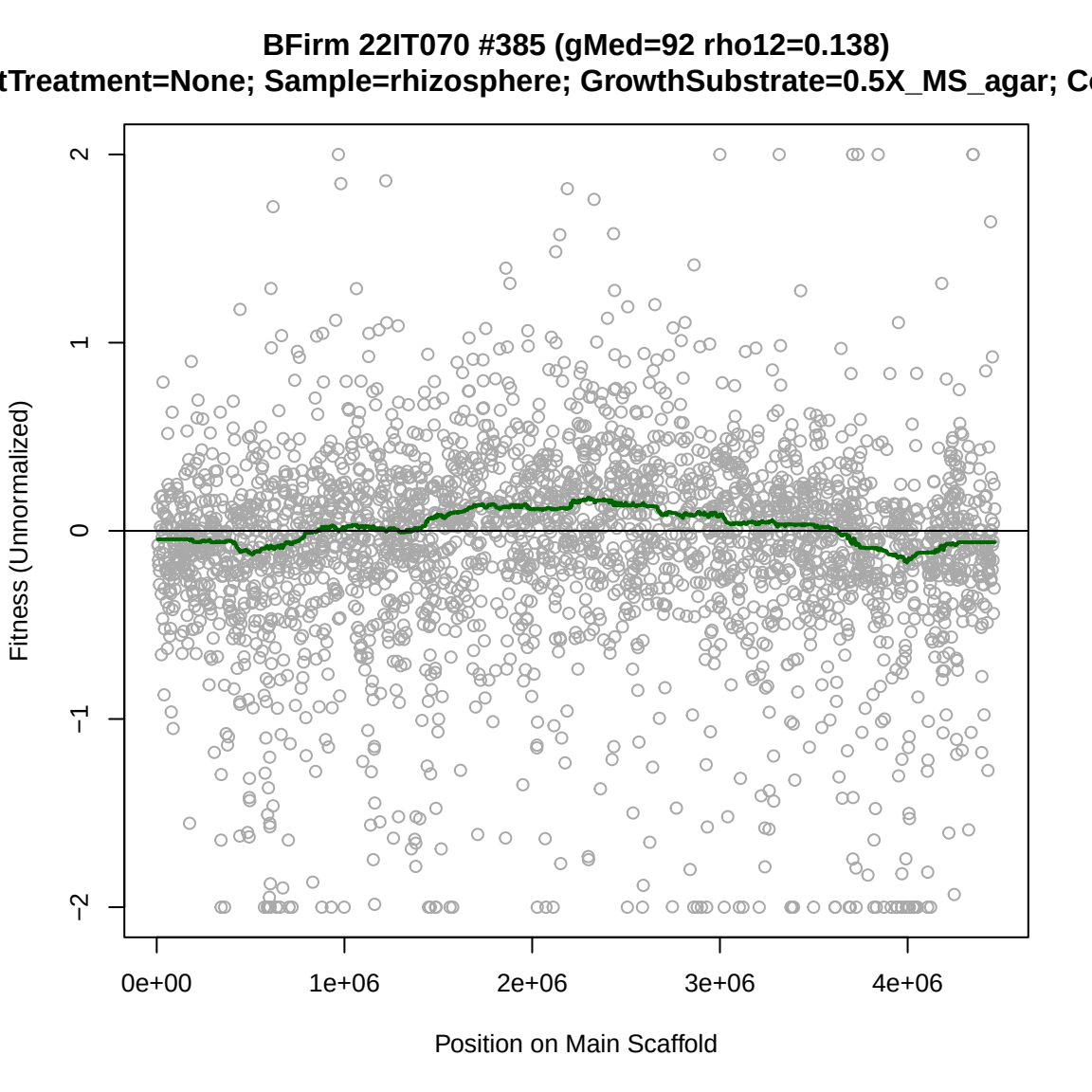

BFirm 22IT065 #380 (gMed=138 rho12=0.178)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

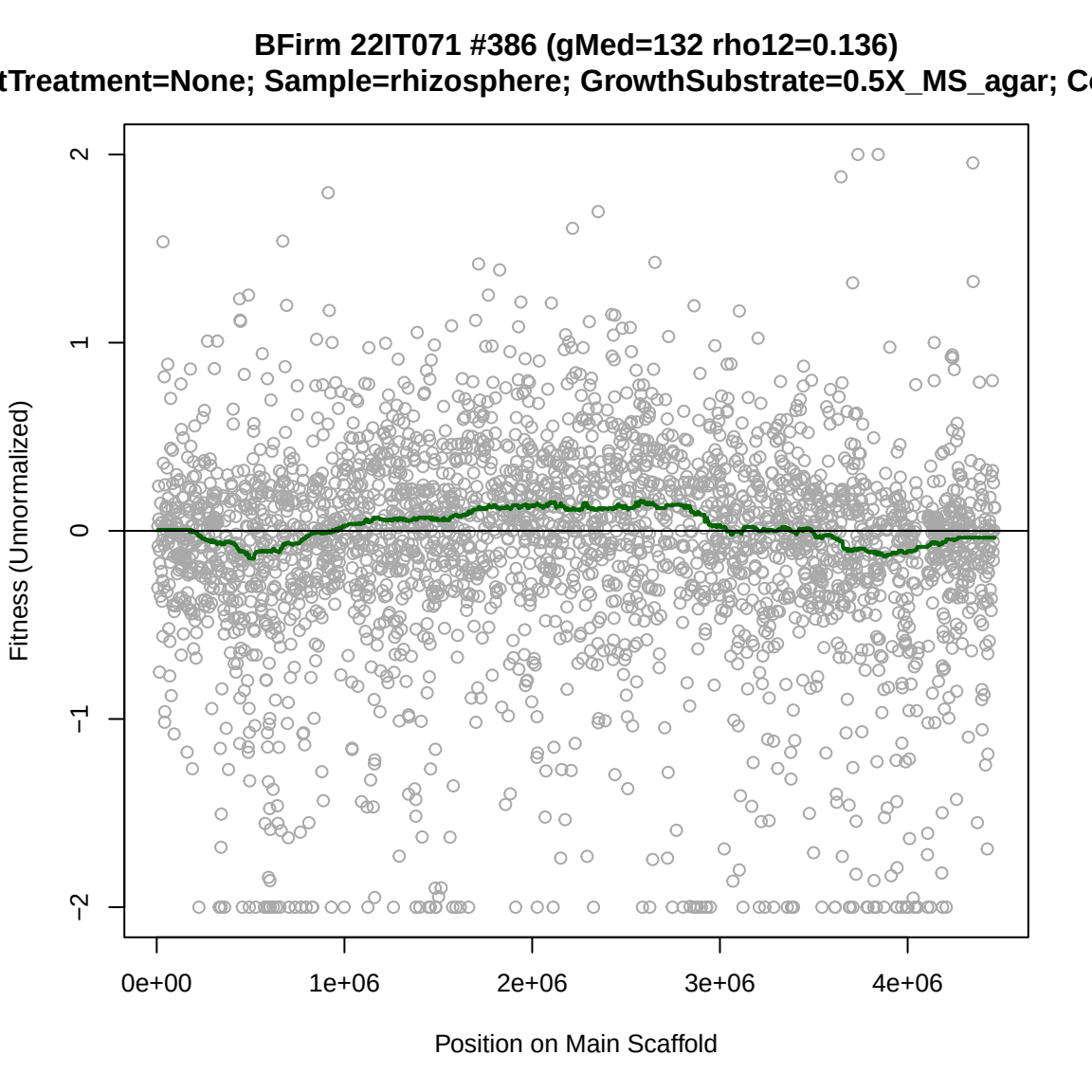

BFirm 22IT066 #381 (gMed=146 rho12=0.208)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

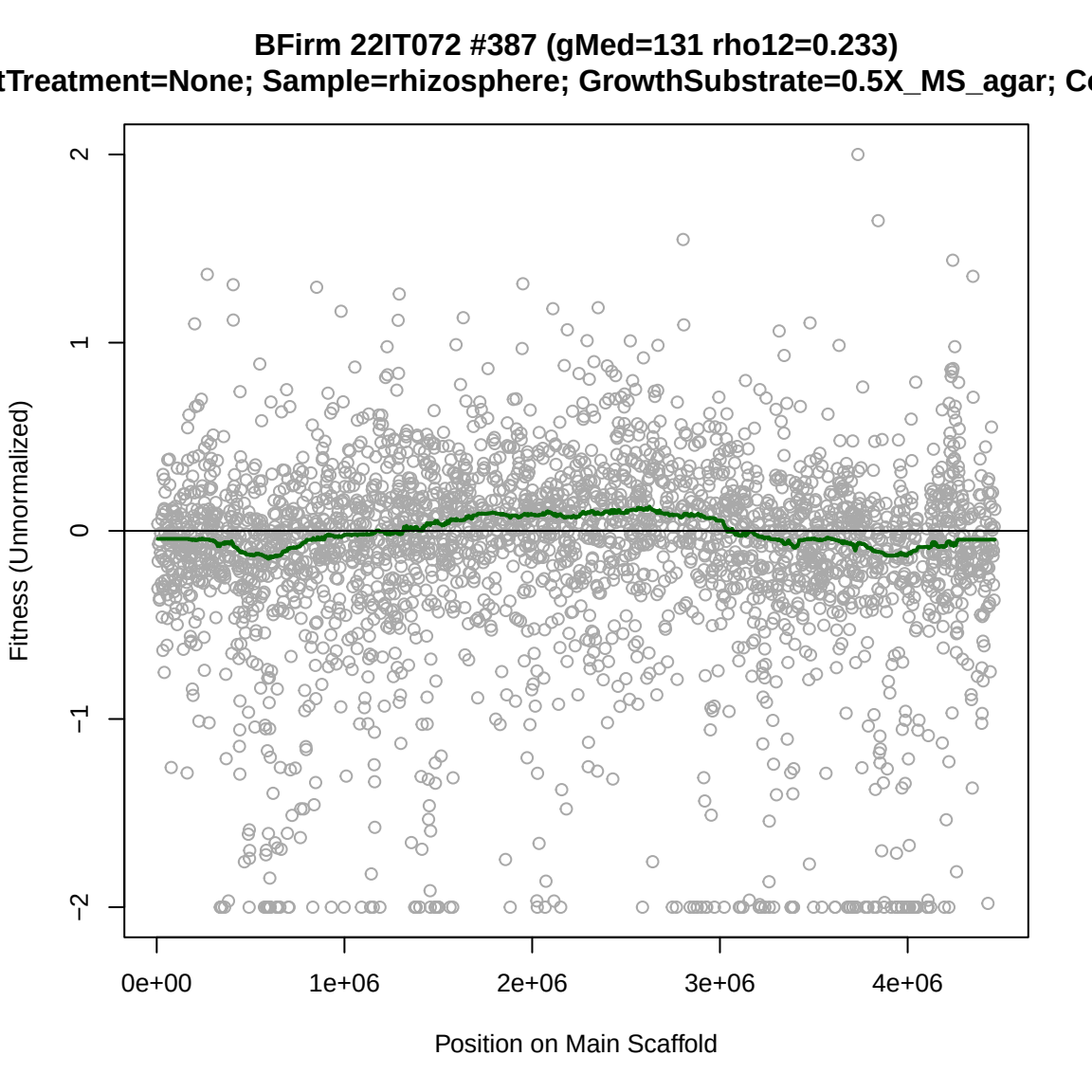

BFirm 22IT067 #382 (gMed=196 rho12=0.146)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

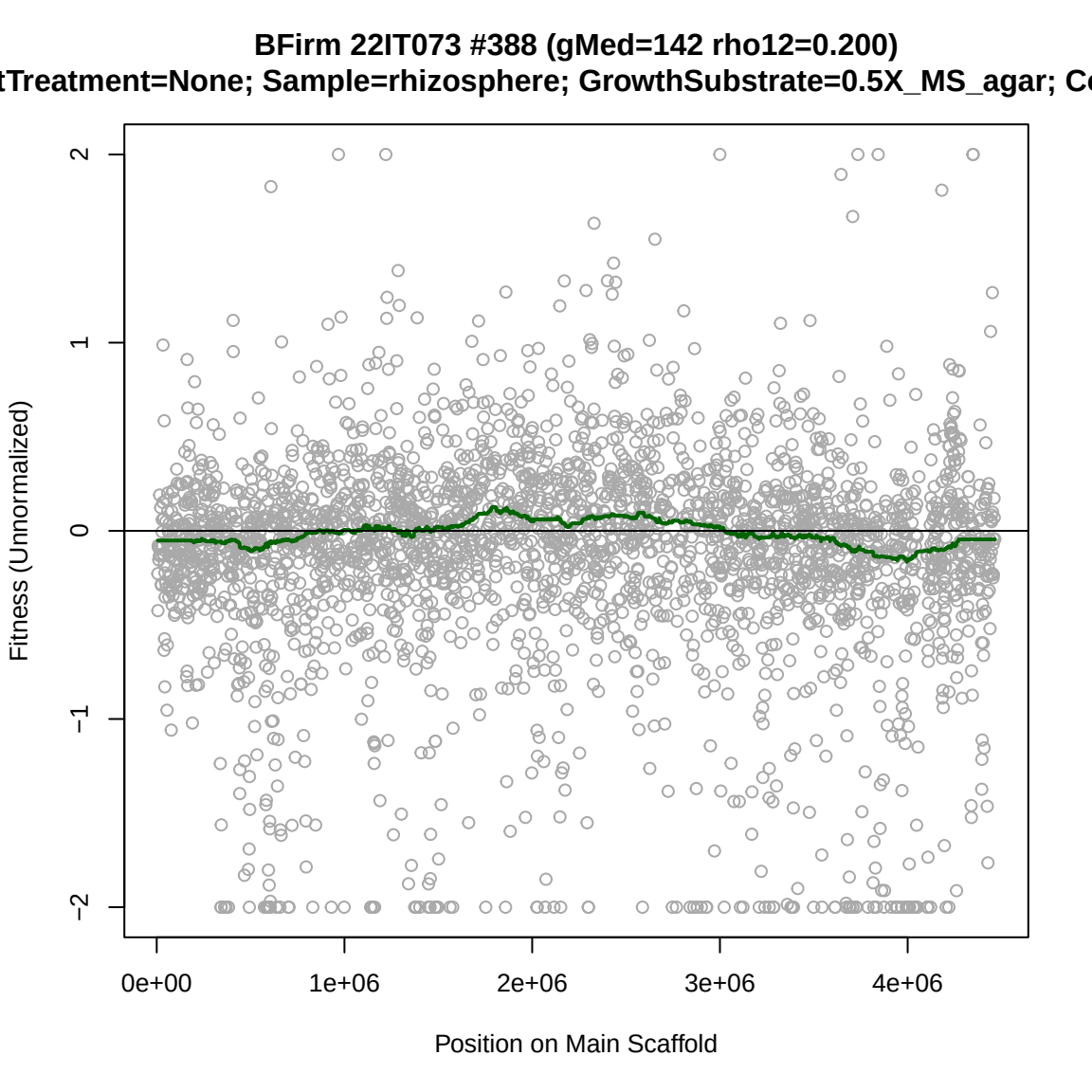

BFirm 22IT068 #383 (gMed=132 rho12=0.152)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

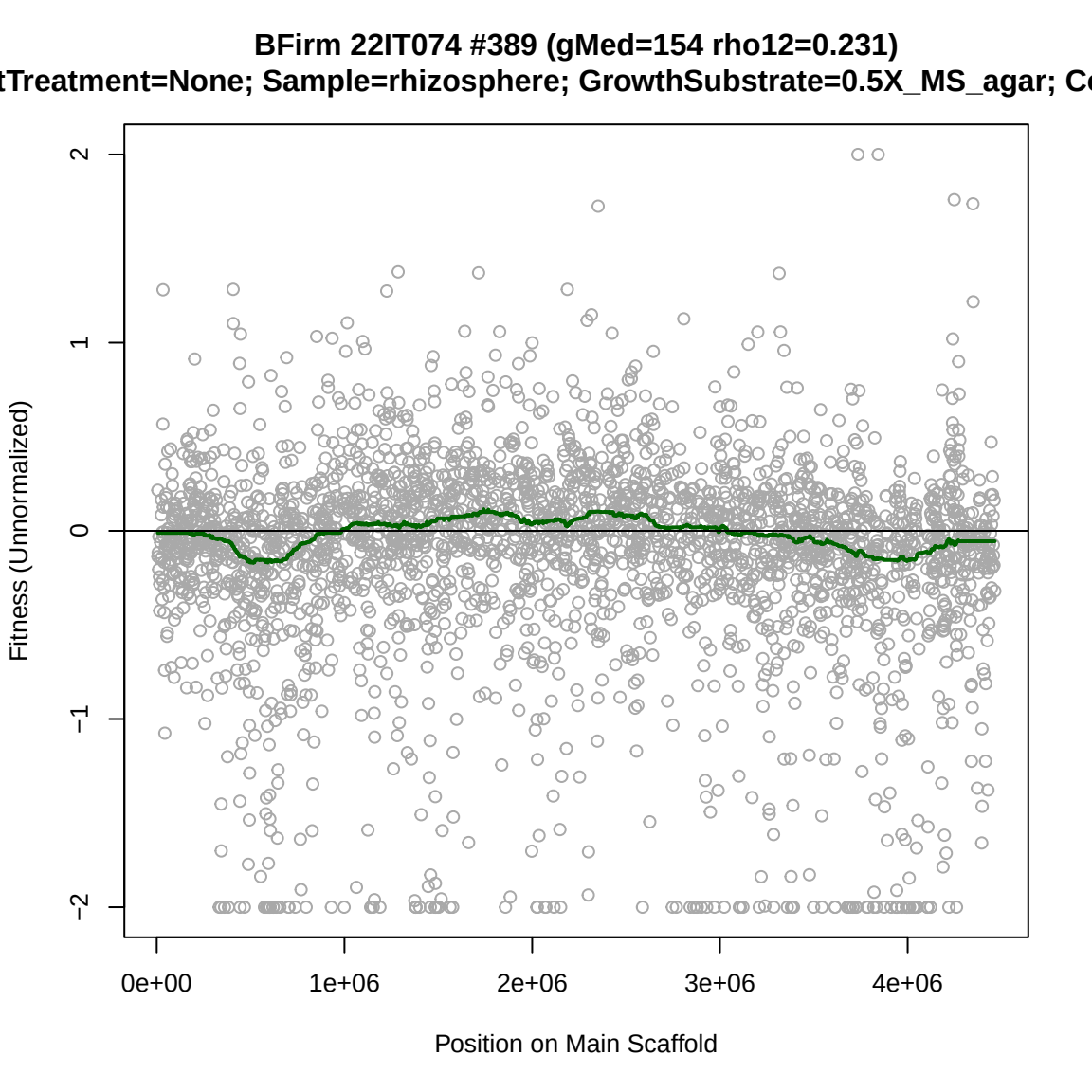

BFirm 22IT069 #384 (gMed=95 rho12=0.153)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

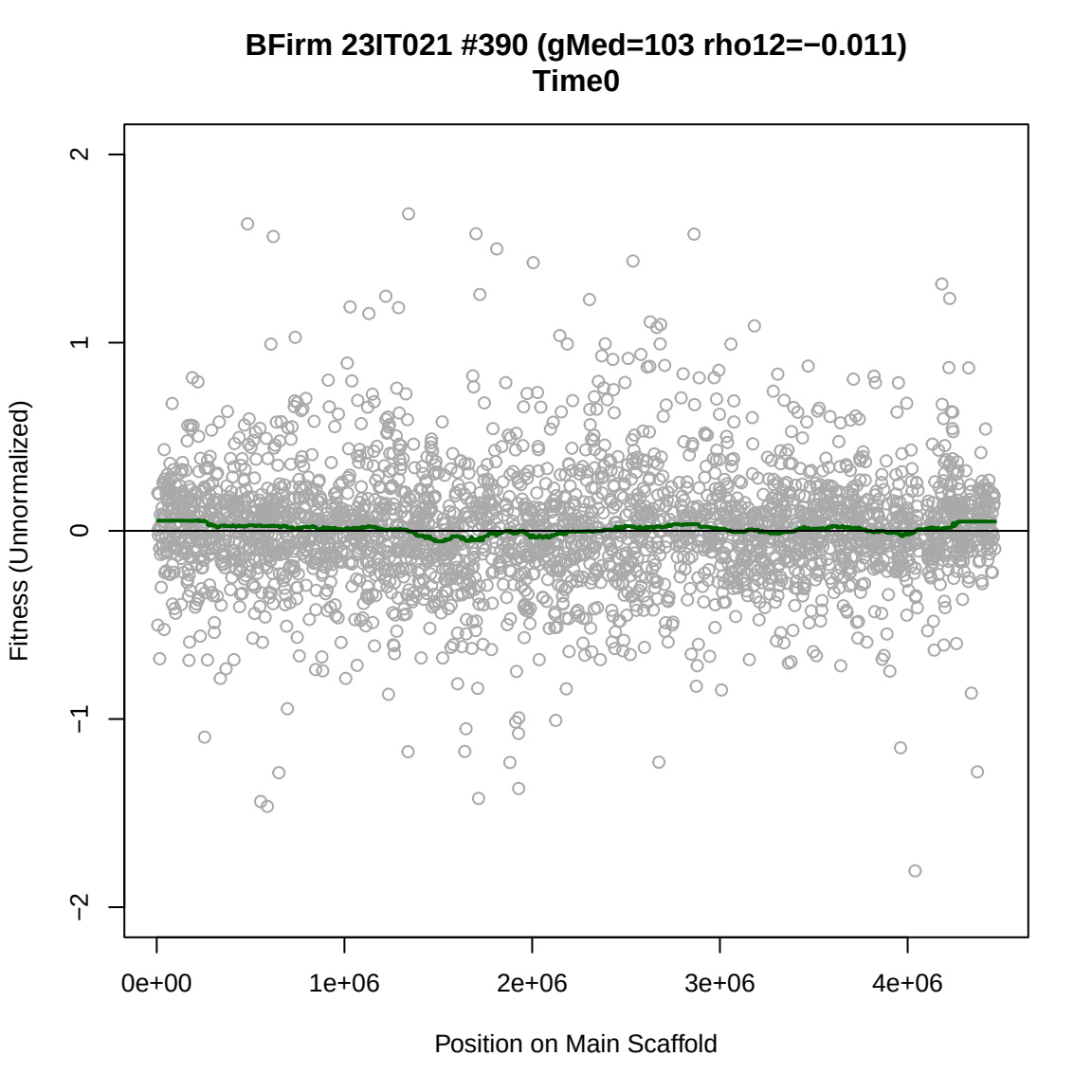

BFirm 22IT070 #385 (gMed=92 rho12=0.138)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

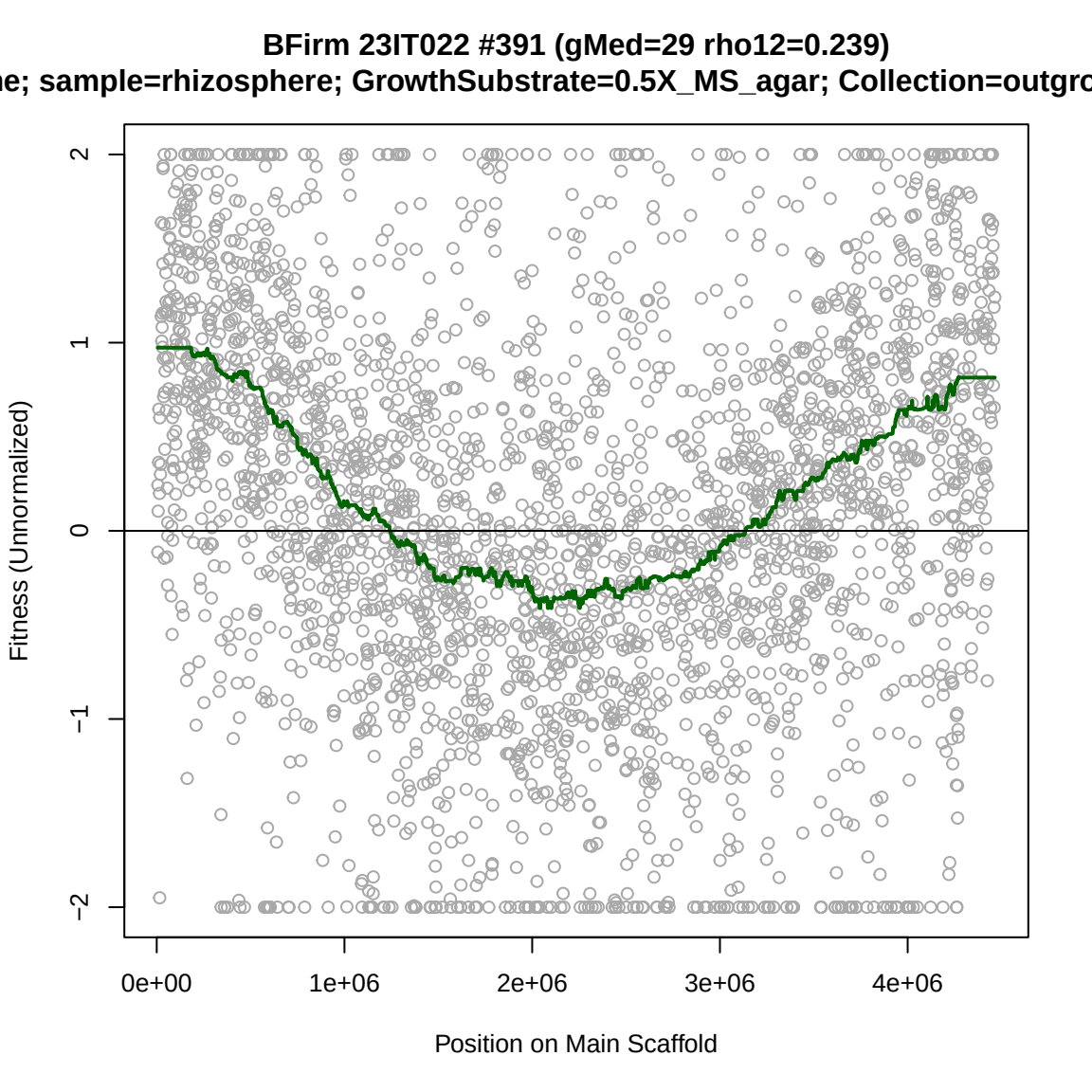

BFirm 22IT071 #386 (gMed=132 rho12=0.136)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

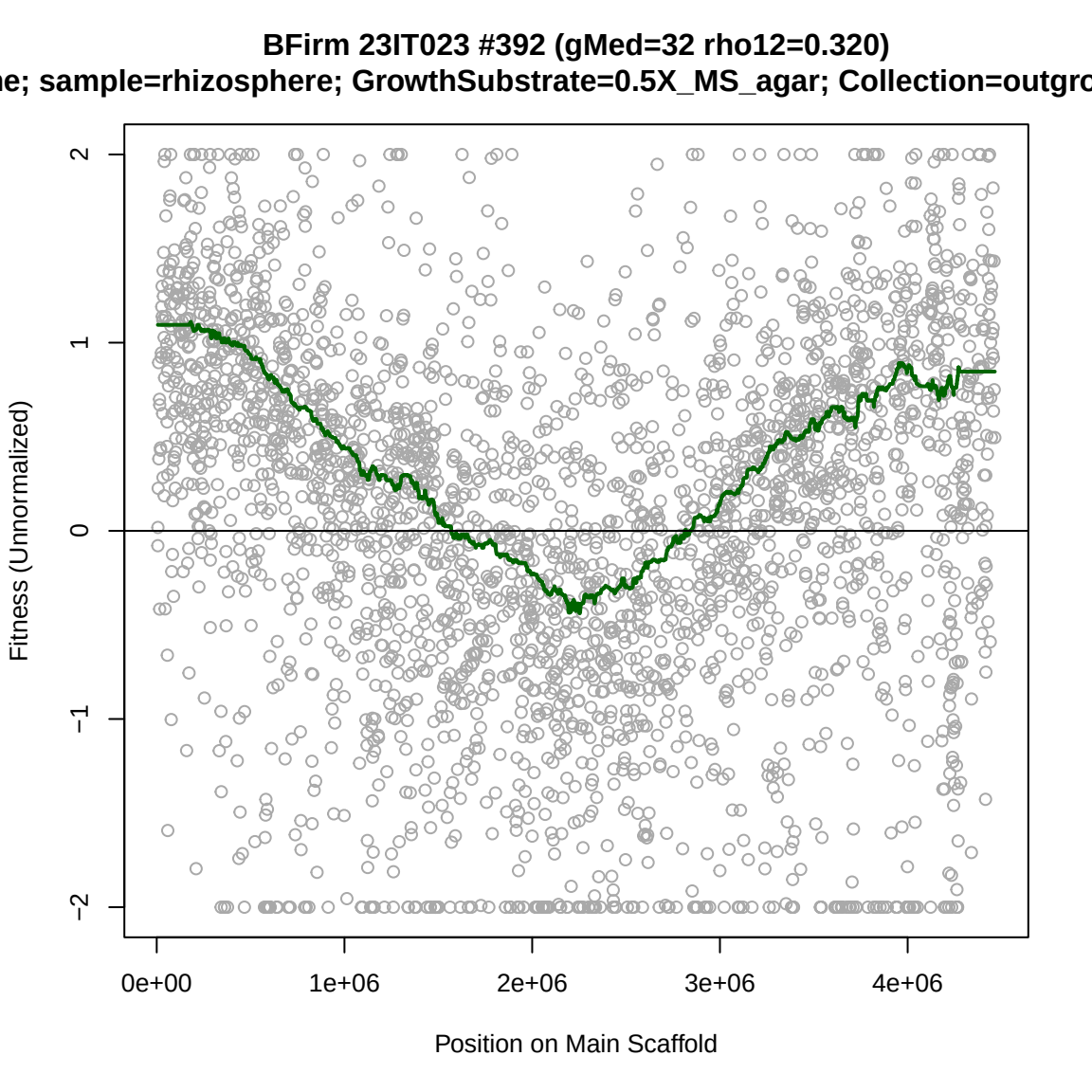

BFirm 22IT072 #387 (gMed=131 rho12=0.233)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

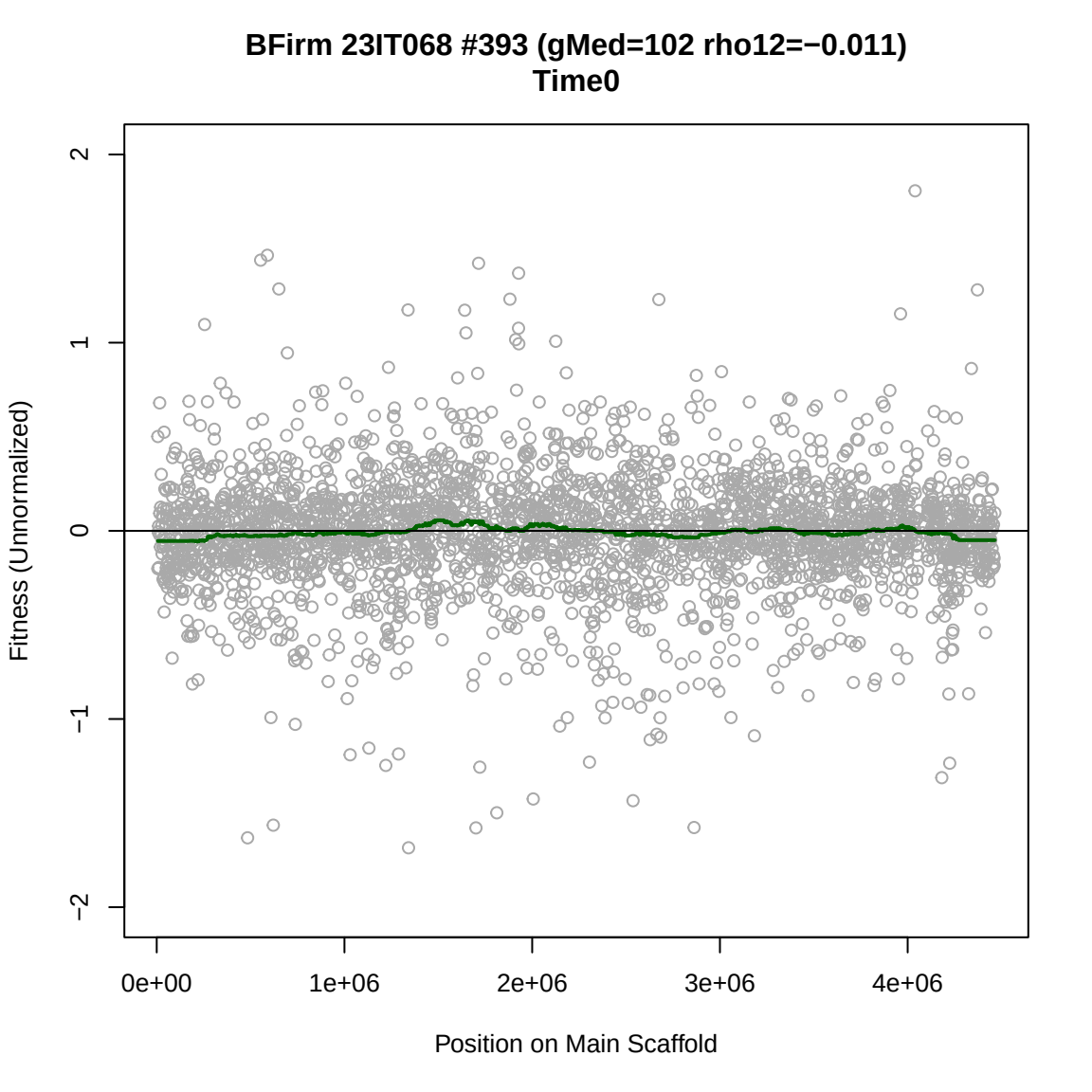

BFirm 22IT073 #388 (gMed=142 rho12=0.200)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

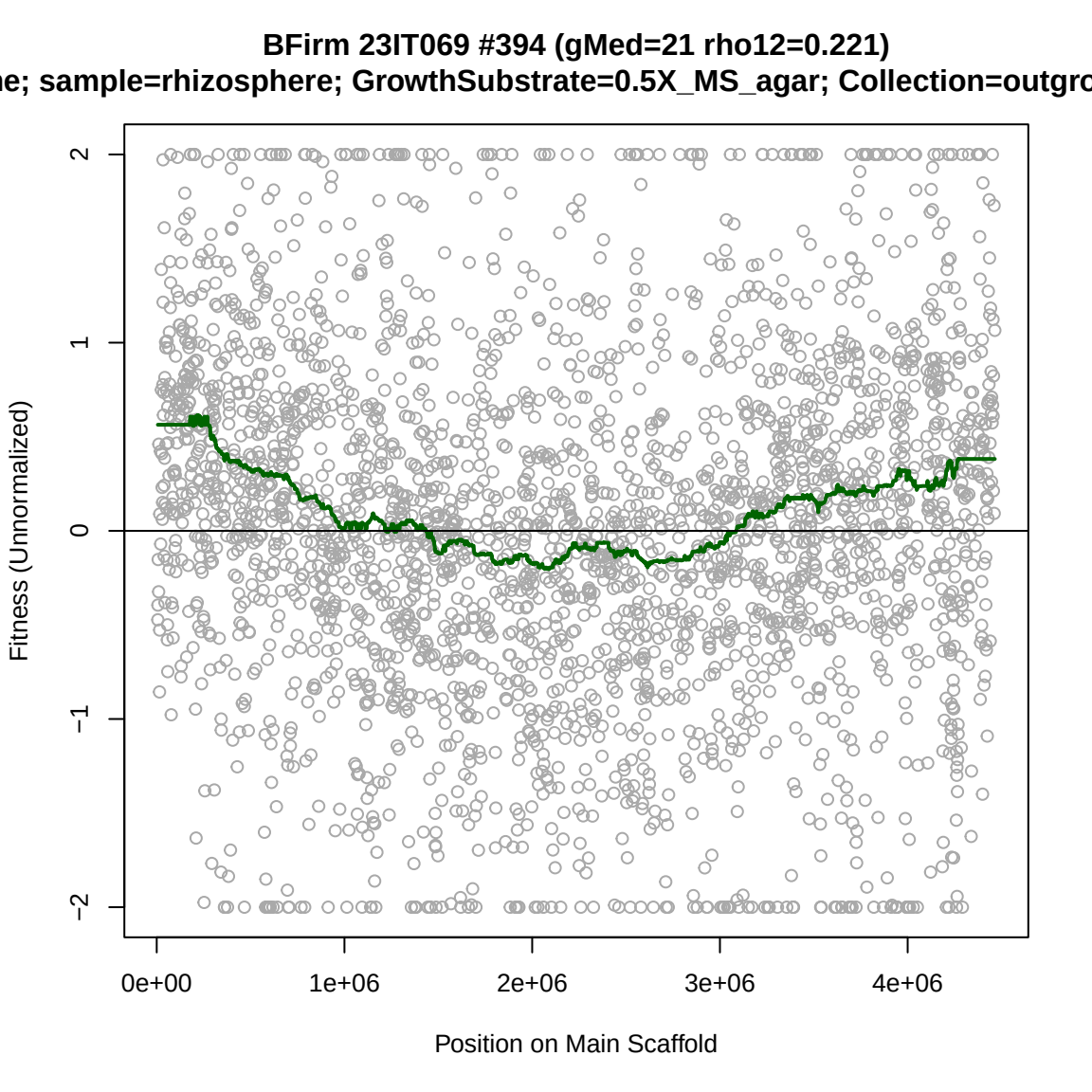

BFirm 22IT074 #389 (gMed=154 rho12=0.231)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

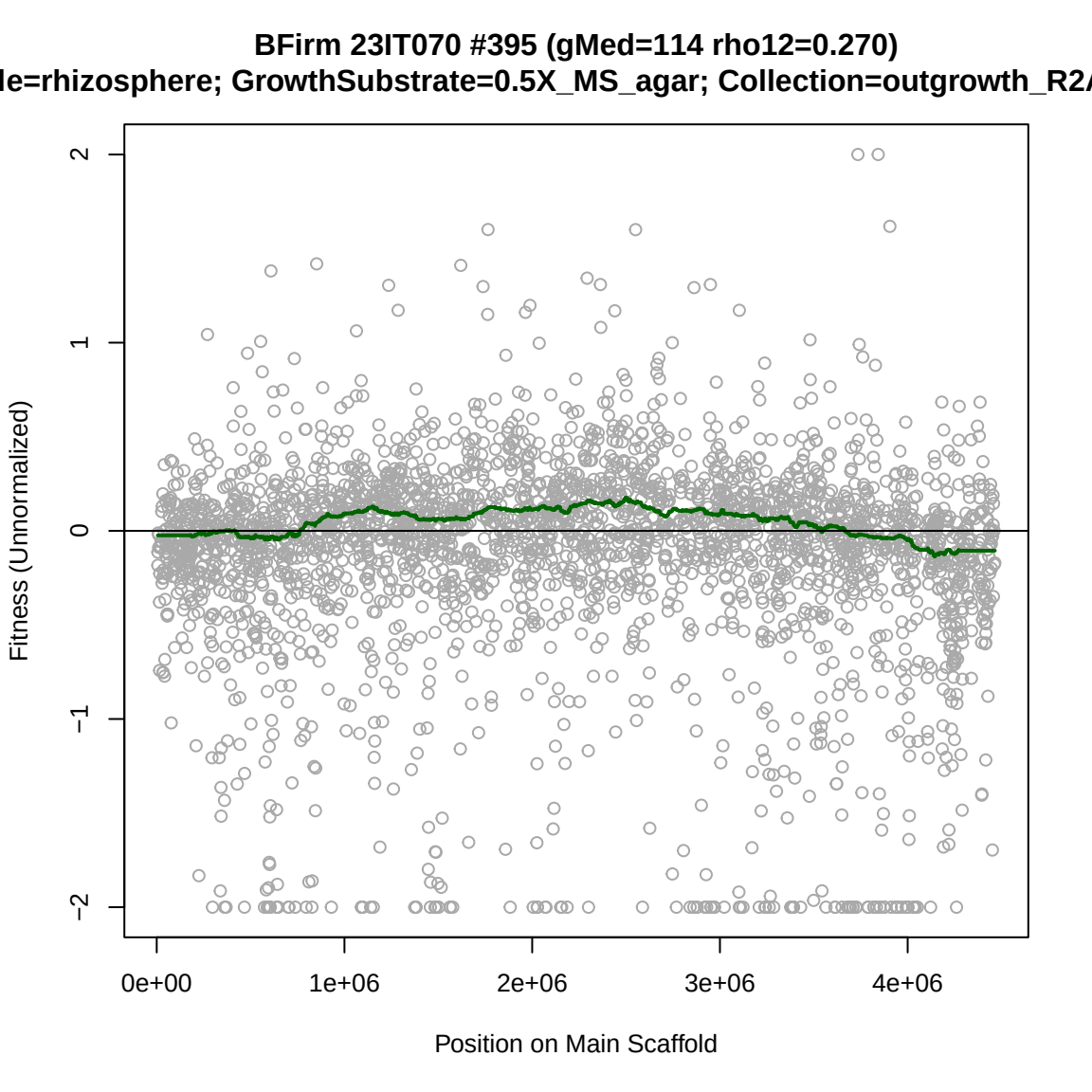

BFirm 23IT021 #390 (gMed=103 rho12=−0.011)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

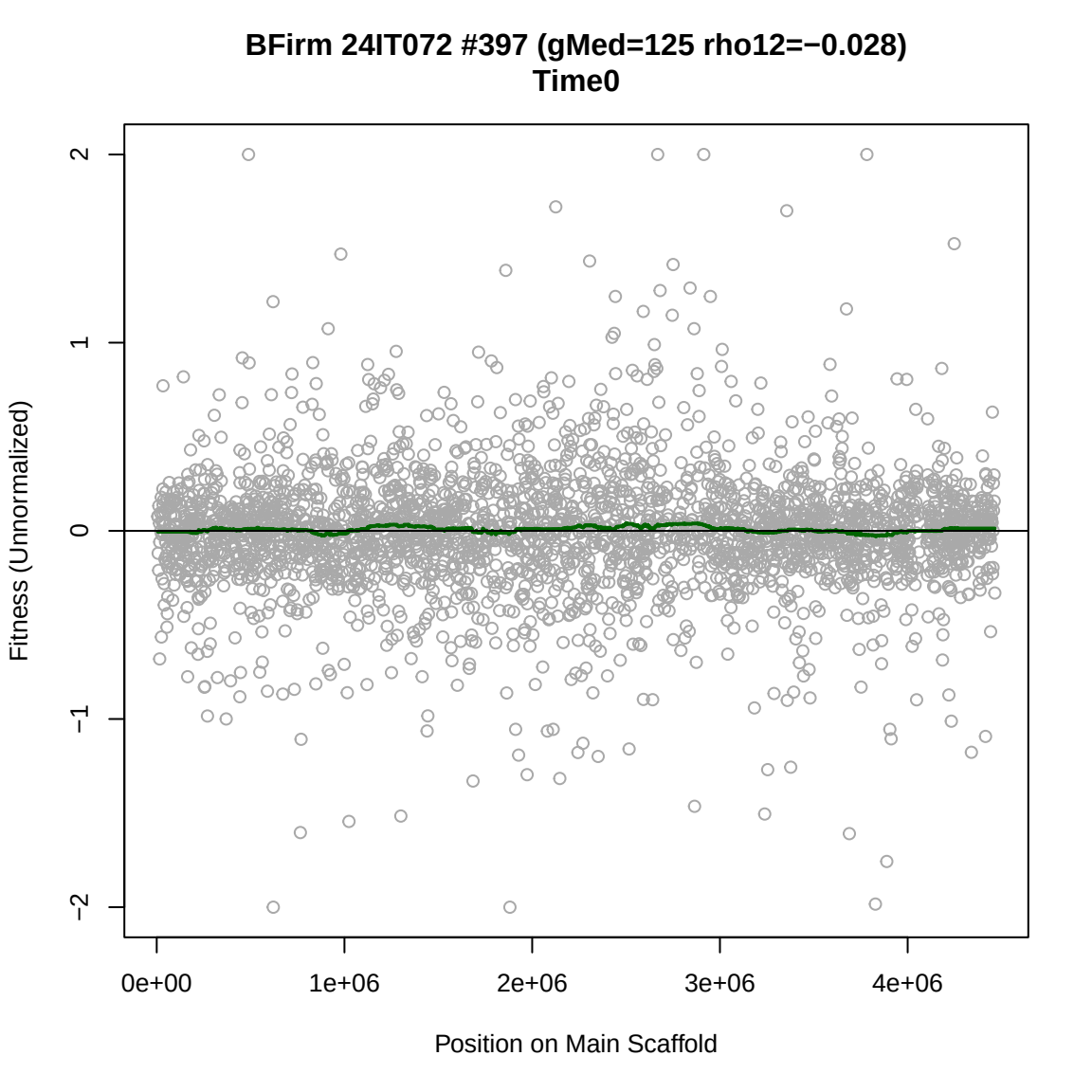

BFirm 23IT022 #391 (gMed=29 rho12=0.239)
e; sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection=outgro
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

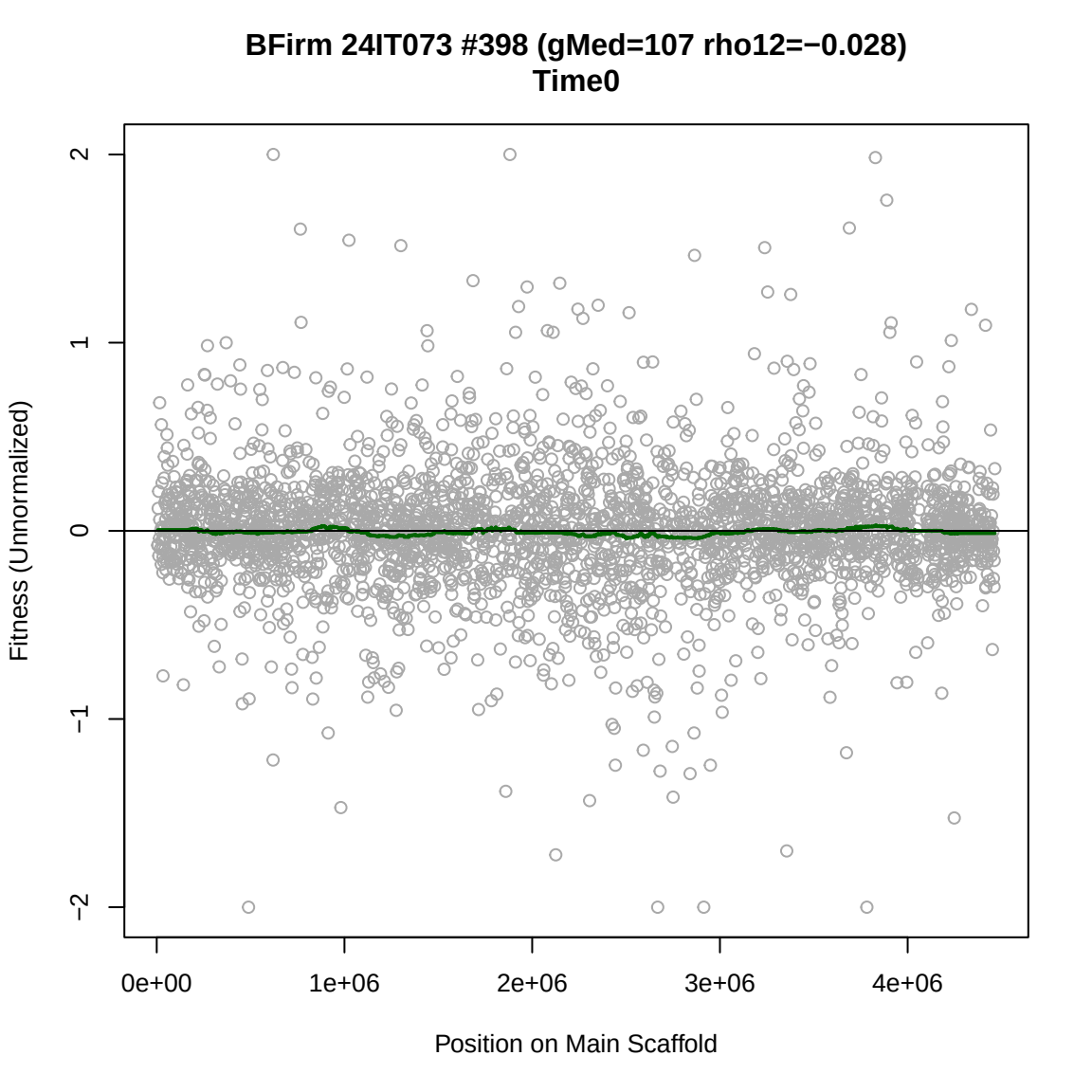

BFirm 23IT023 #392 (gMed=32 rho12=0.320)
e; sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection=outgro
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

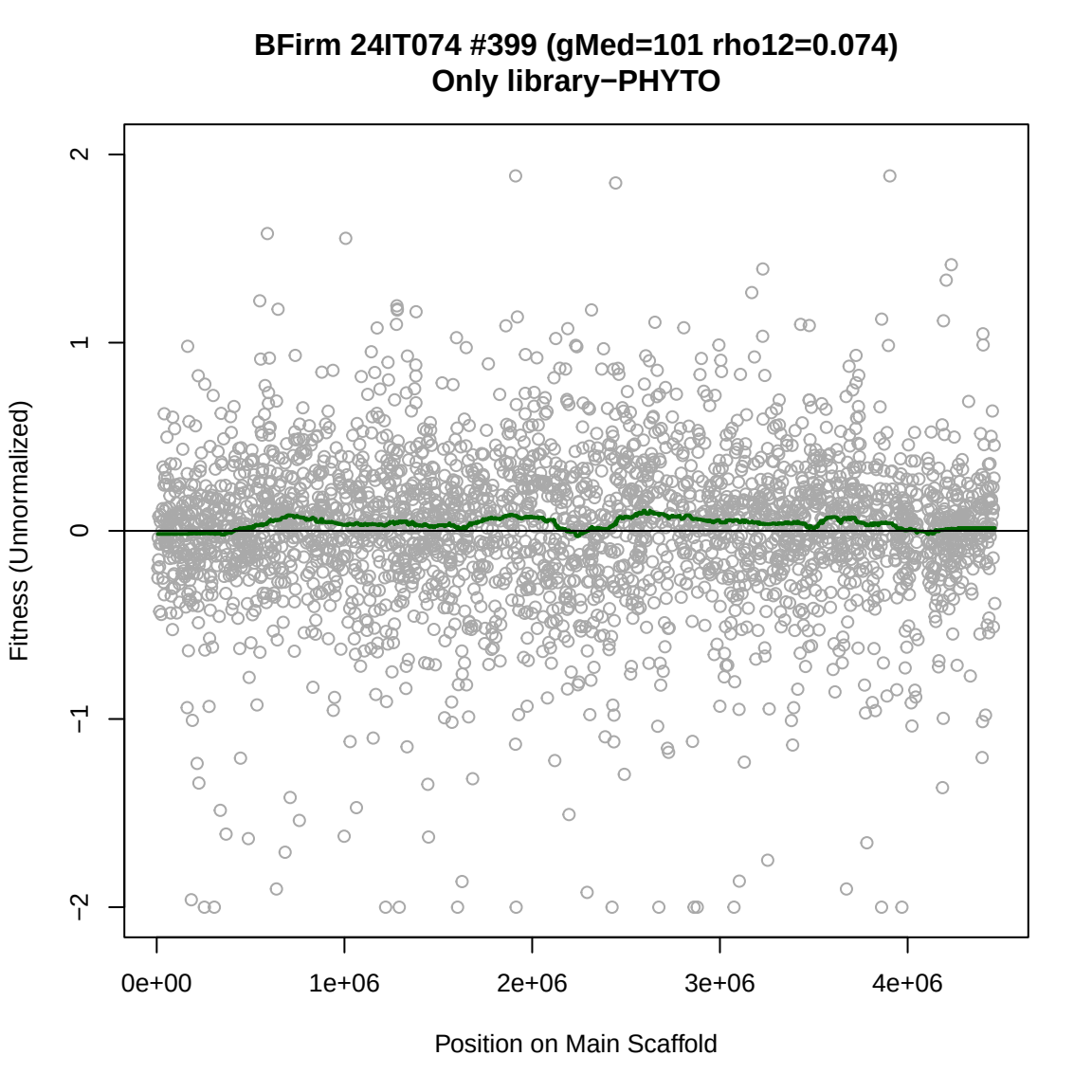

BFirm 23IT068 #393 (gMed=102 rho12=−0.011)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

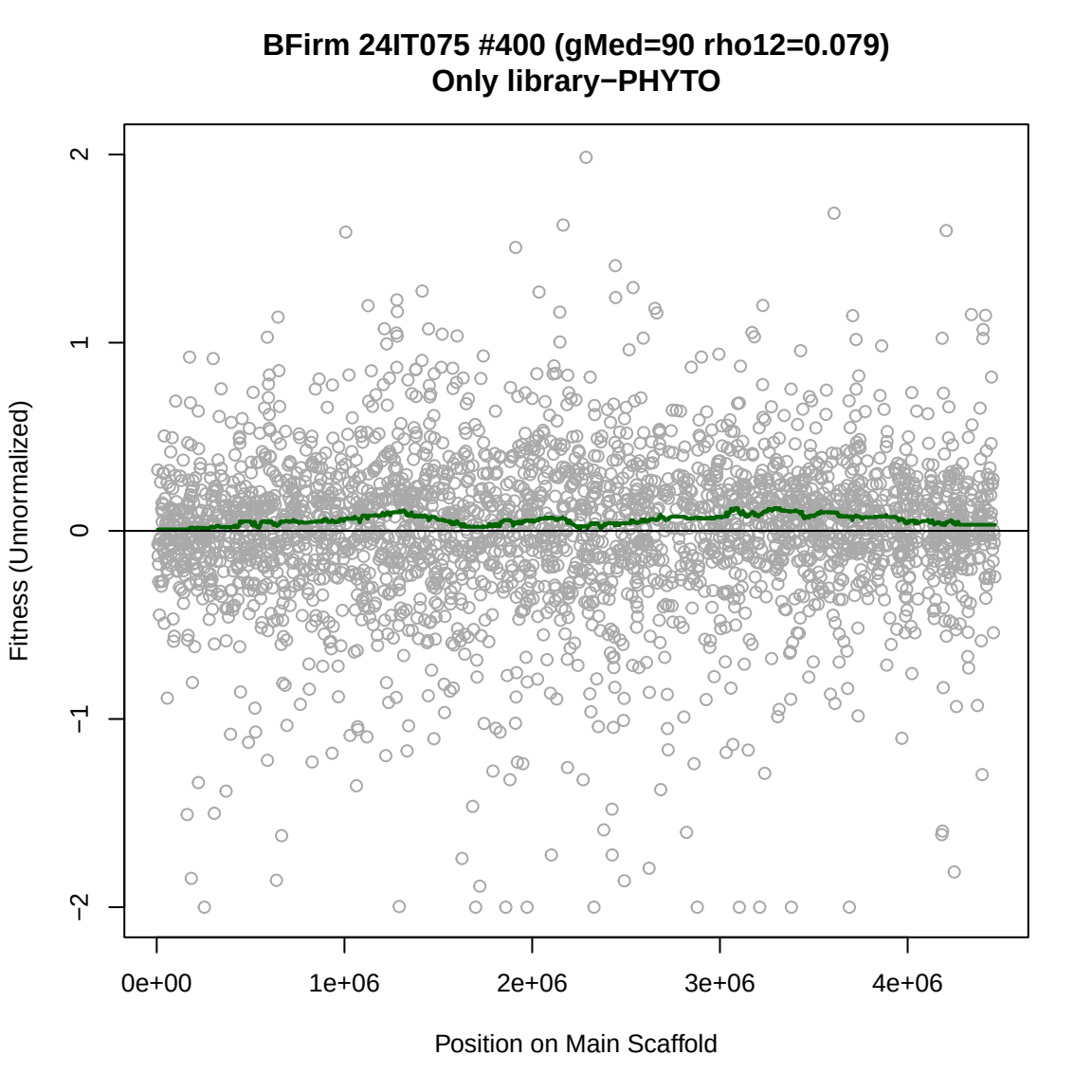

BFirm 23IT069 #394 (gMed=21 rho12=0.221)
e; sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection=outgro
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

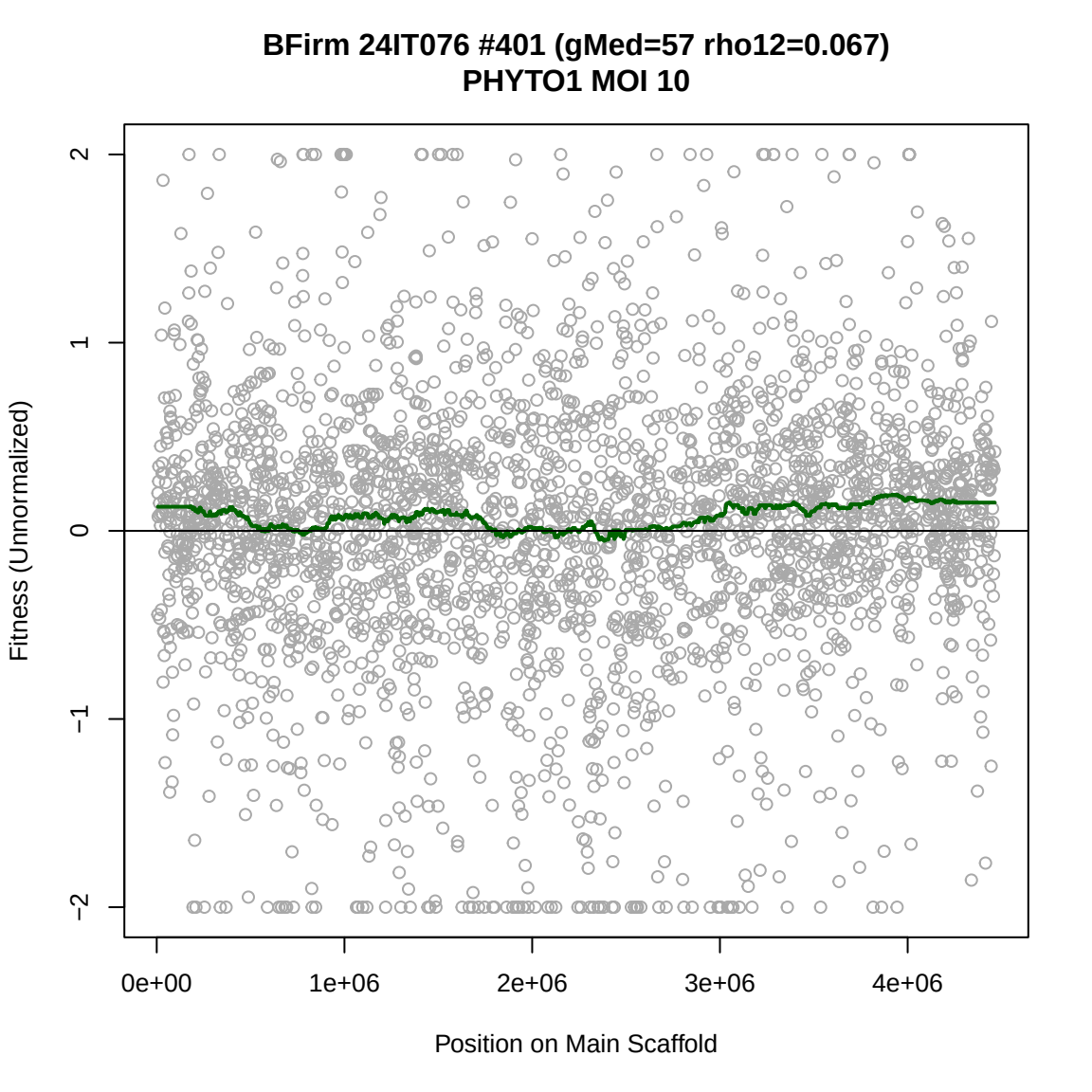

BFirm 23IT070 #395 (gMed=114 rho12=0.270)
le=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection=outgrowth_R2A
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

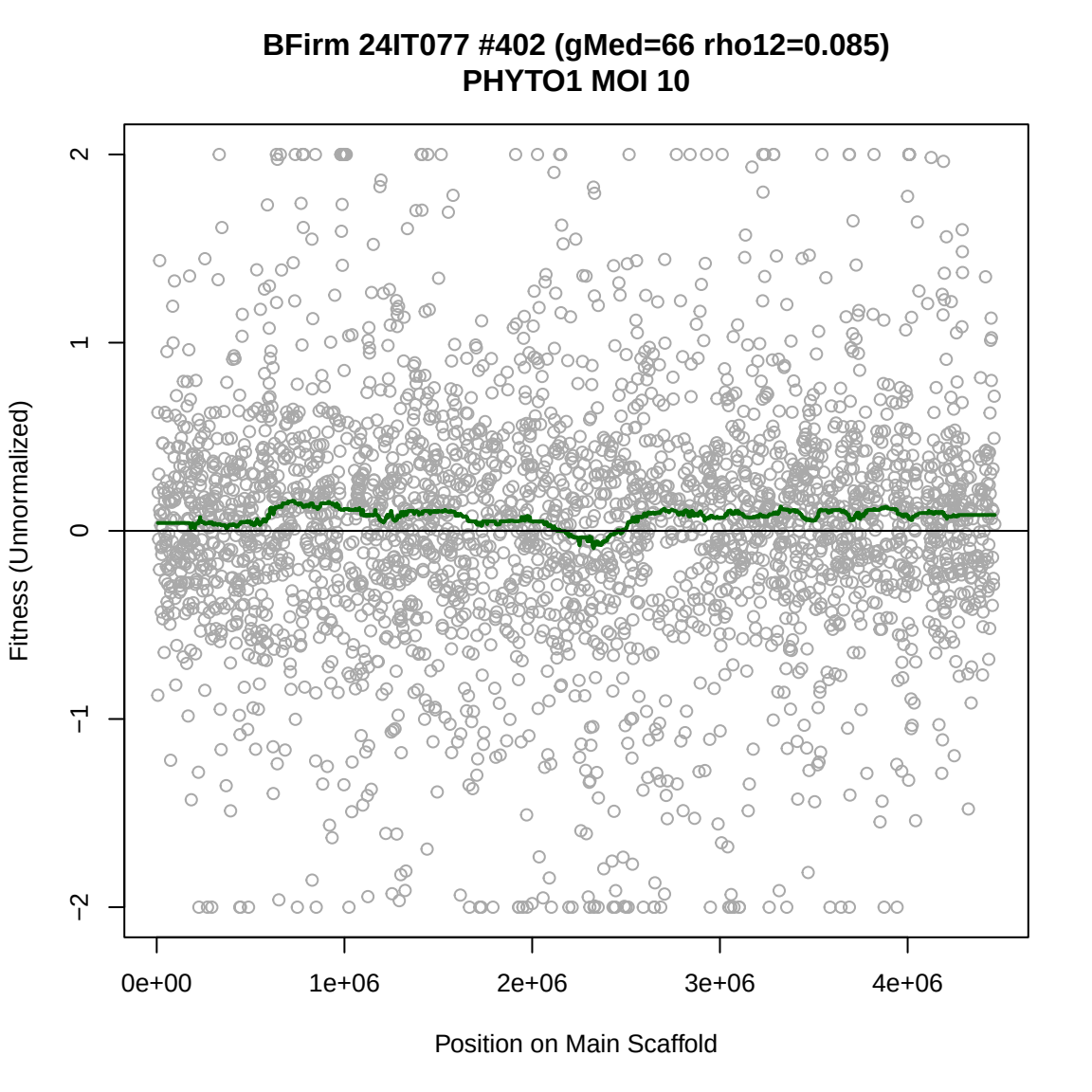

BFirm 24IT072 #397 (gMed=125 rho12=−0.028)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

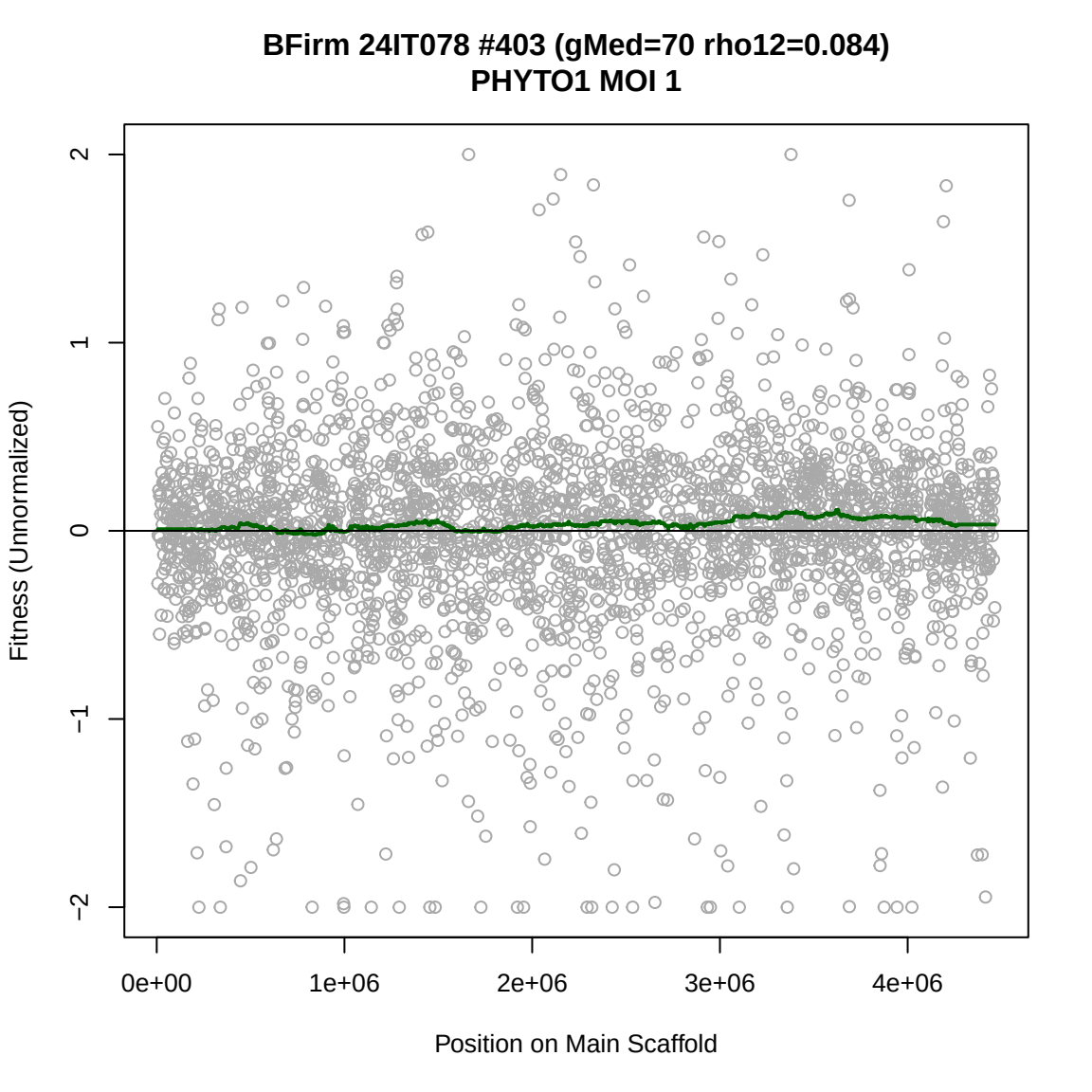

BFirm 24IT073 #398 (gMed=107 rho12=−0.028)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

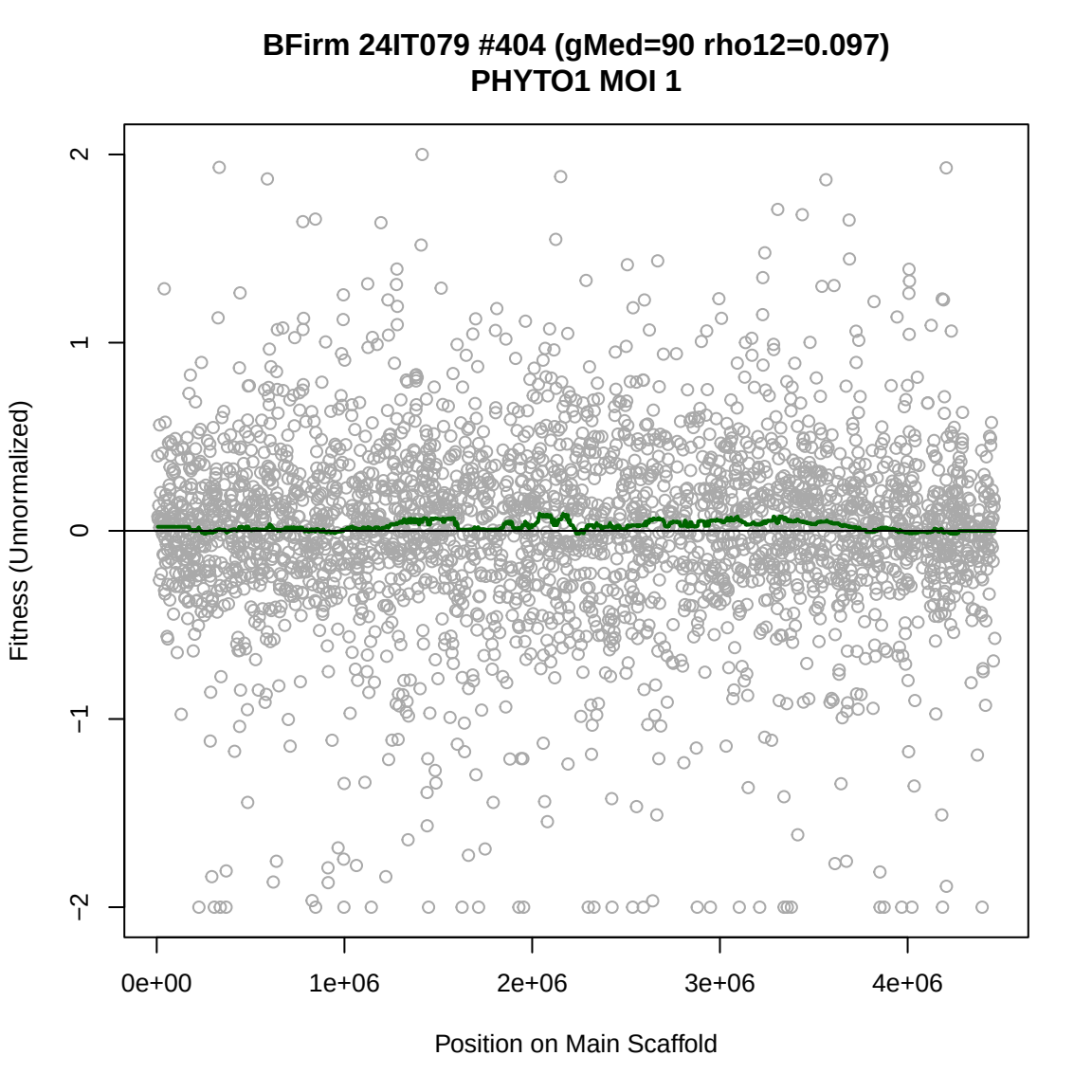

BFirm 24IT074 #399 (gMed=101 rho12=0.074)
Only library−PHYTO
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

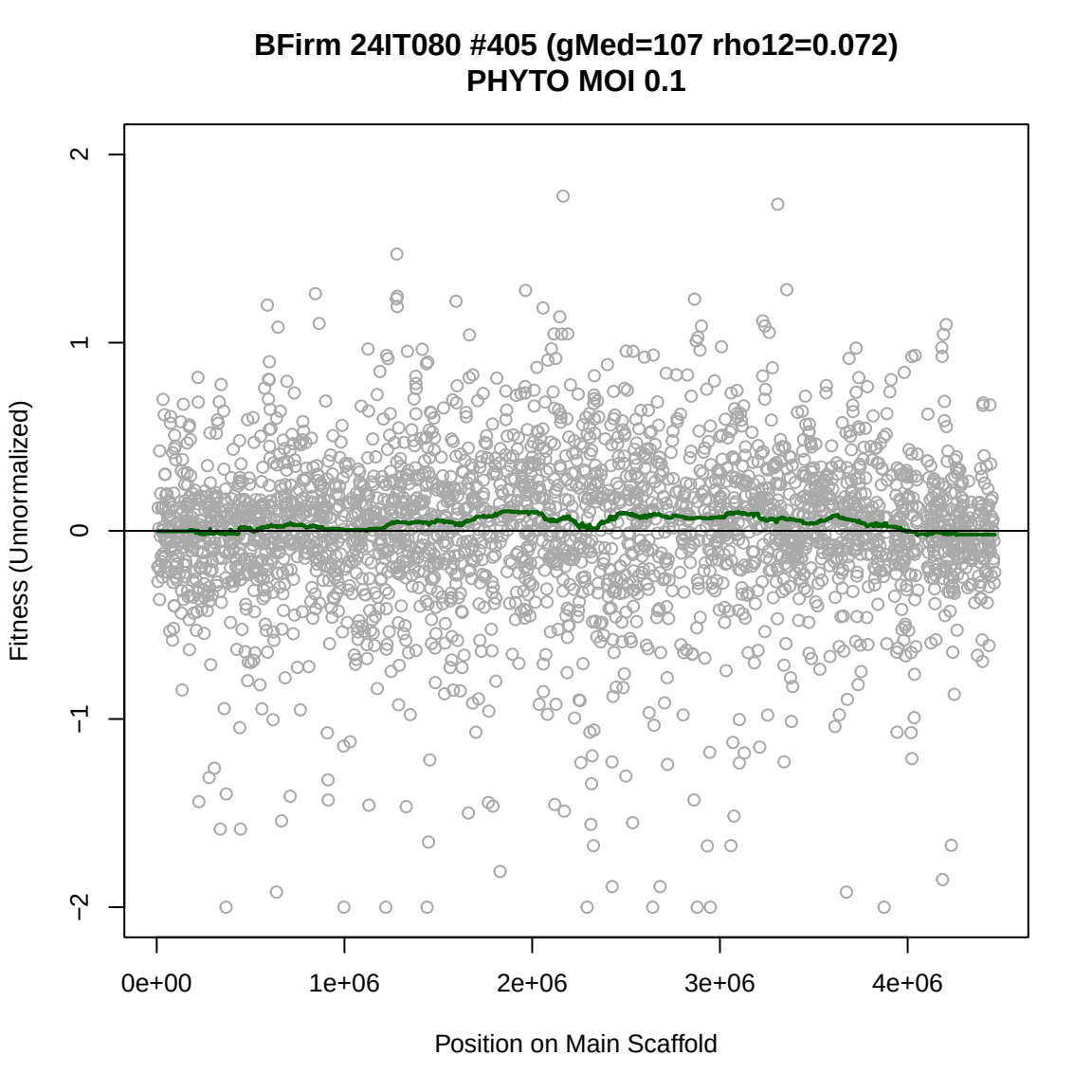

BFirm 24IT075 #400 (gMed=90 rho12=0.079)
Only library−PHYTO
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

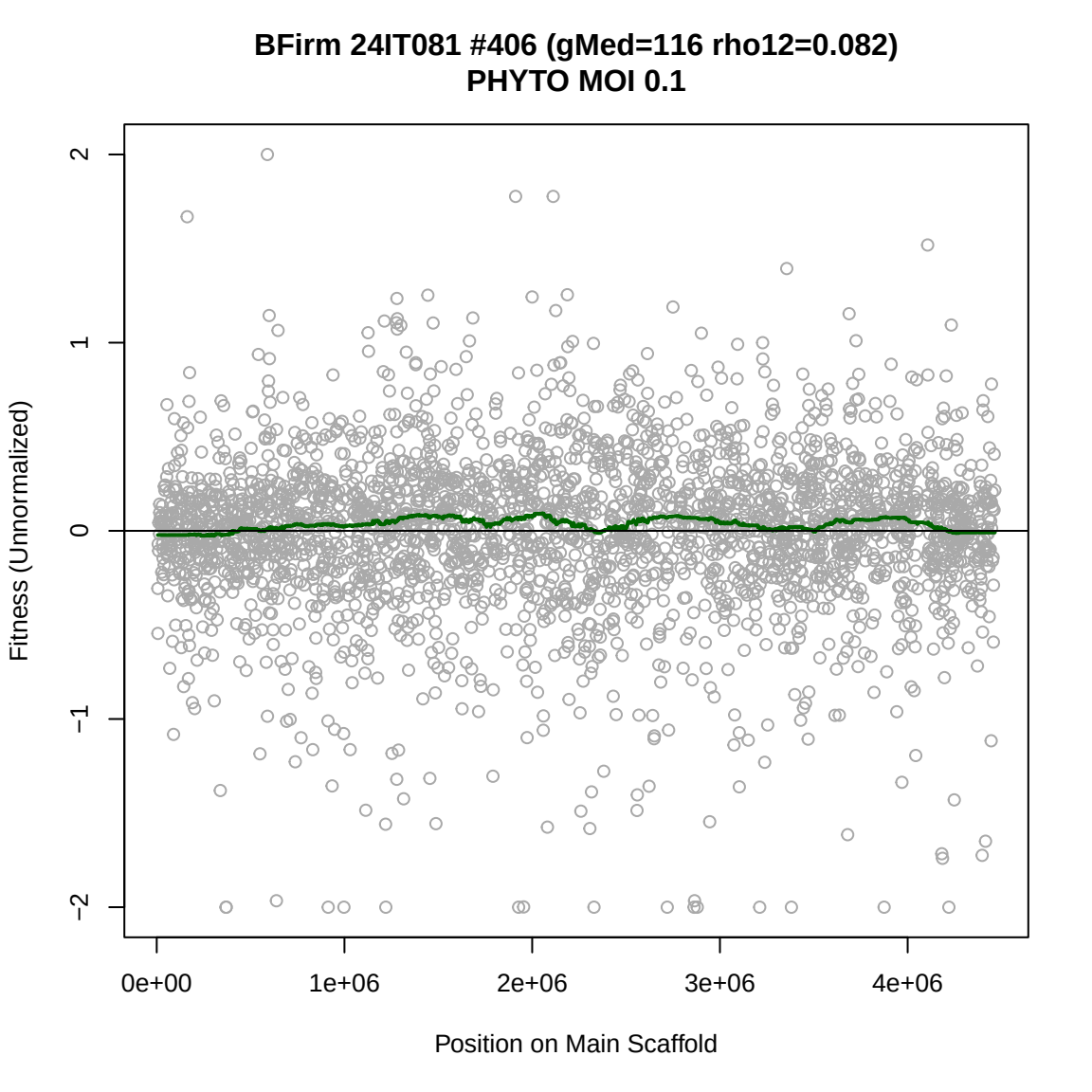

BFirm 24IT076 #401 (gMed=57 rho12=0.067)
PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

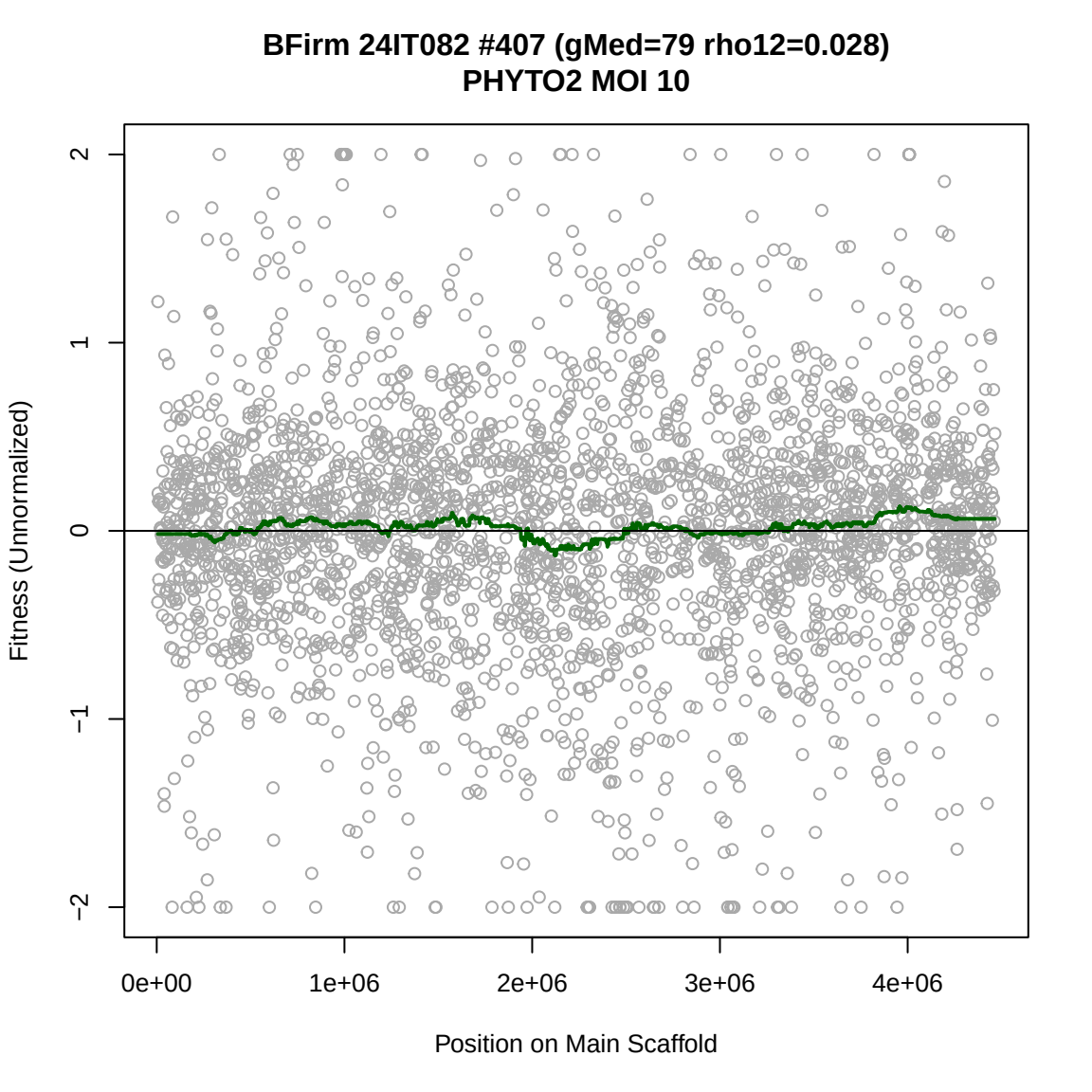

BFirm 24IT077 #402 (gMed=66 rho12=0.085)
PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

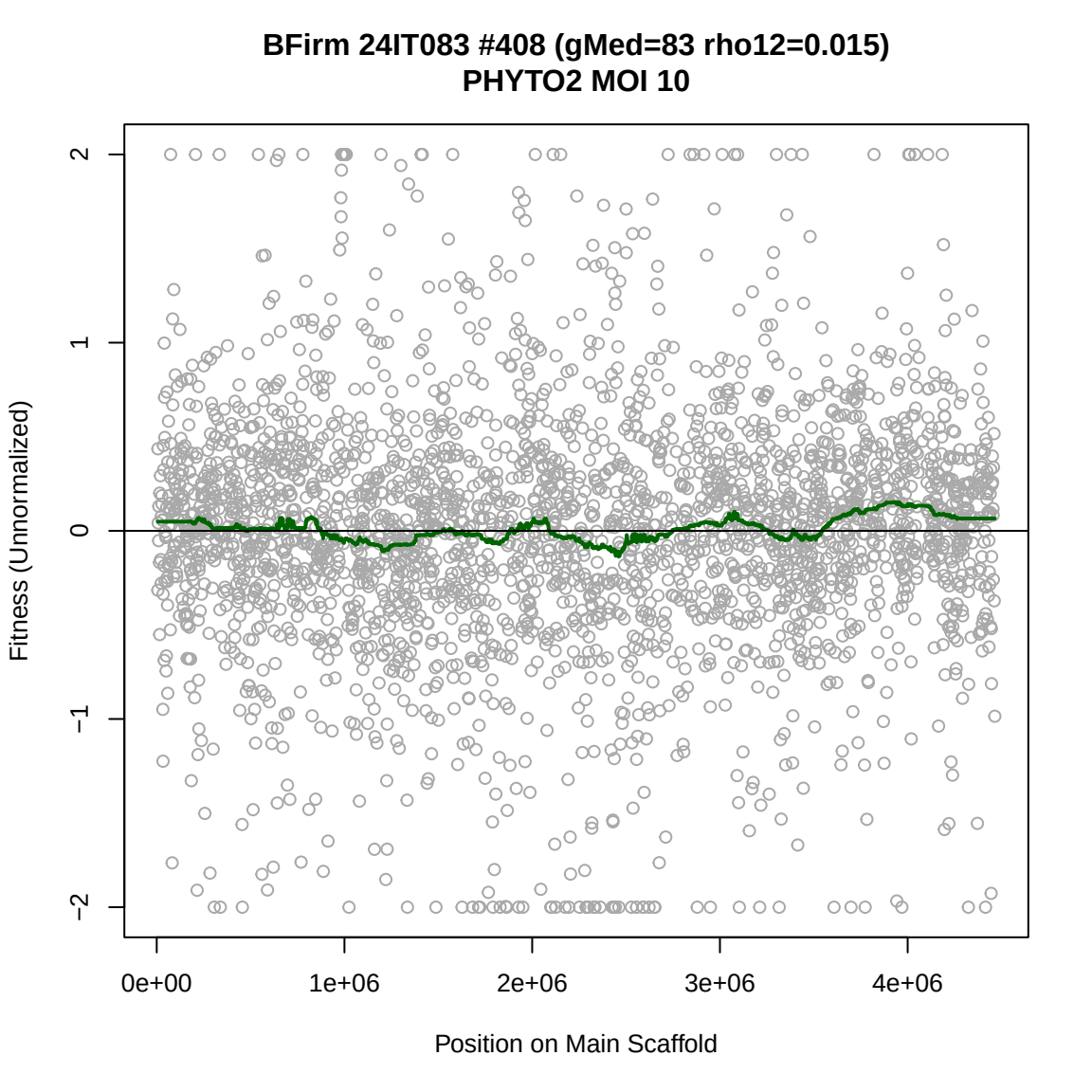

BFirm 24IT078 #403 (gMed=70 rho12=0.084)
PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

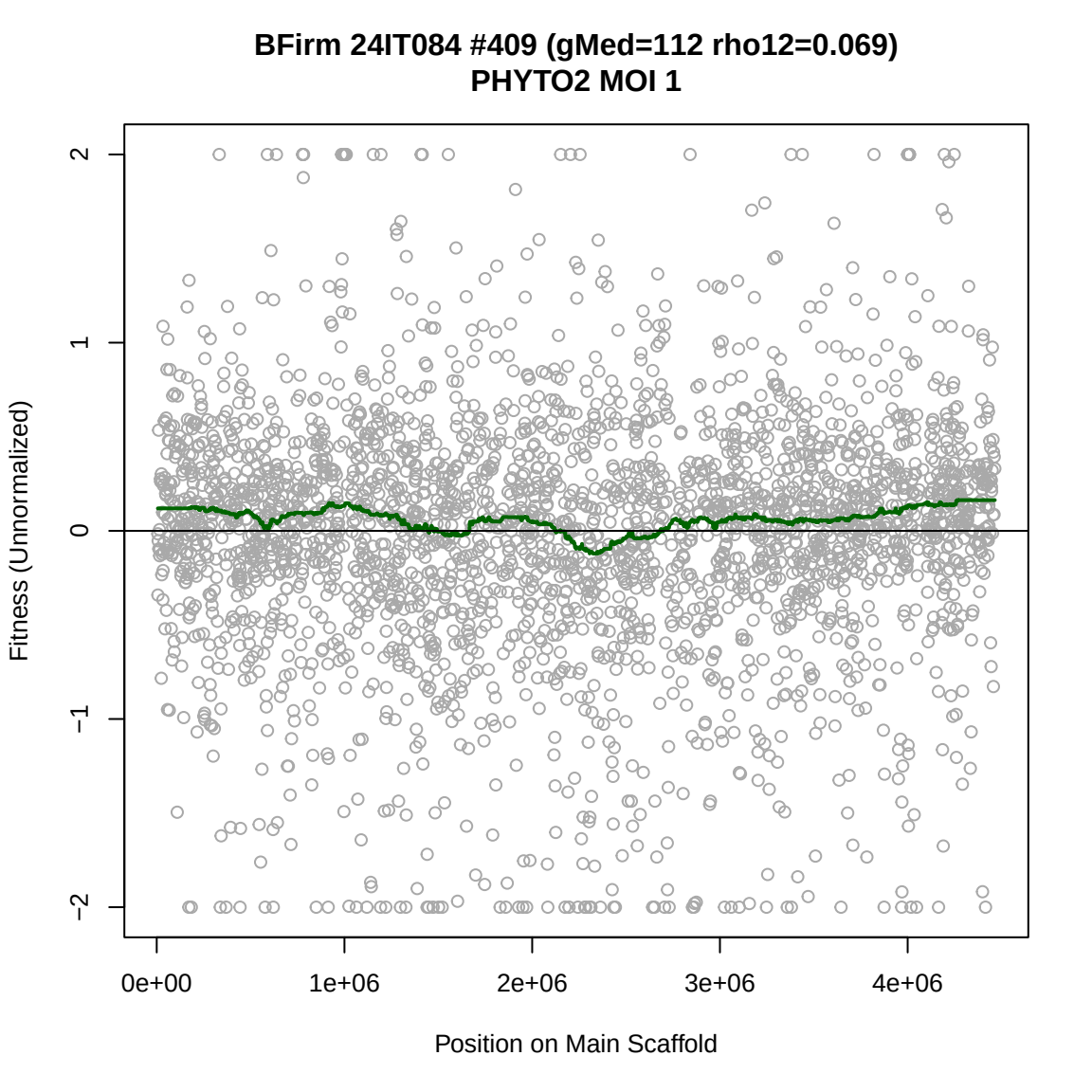

BFirm 24IT079 #404 (gMed=90 rho12=0.097)
PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

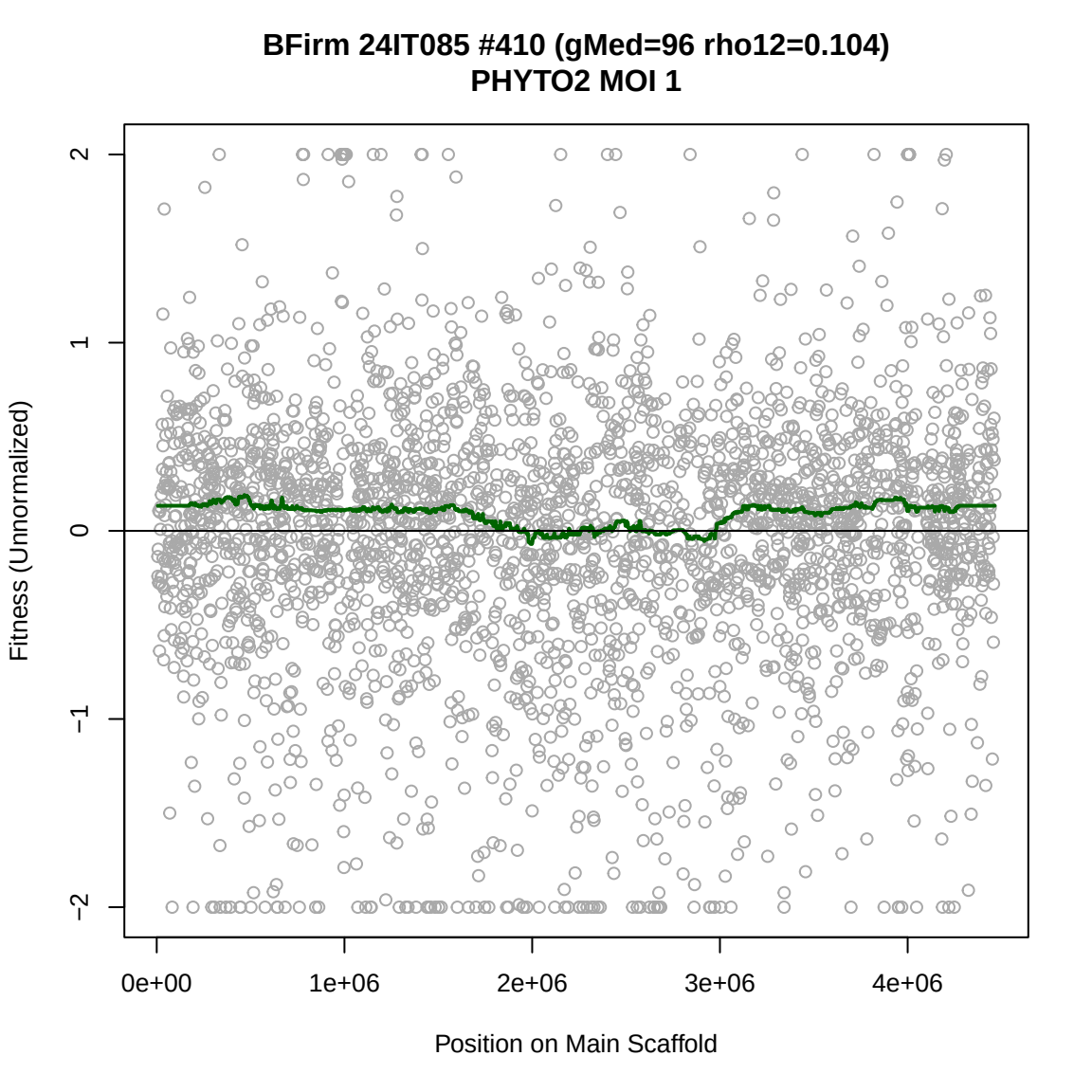

BFirm 24IT080 #405 (gMed=107 rho12=0.072)
PHYTO MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

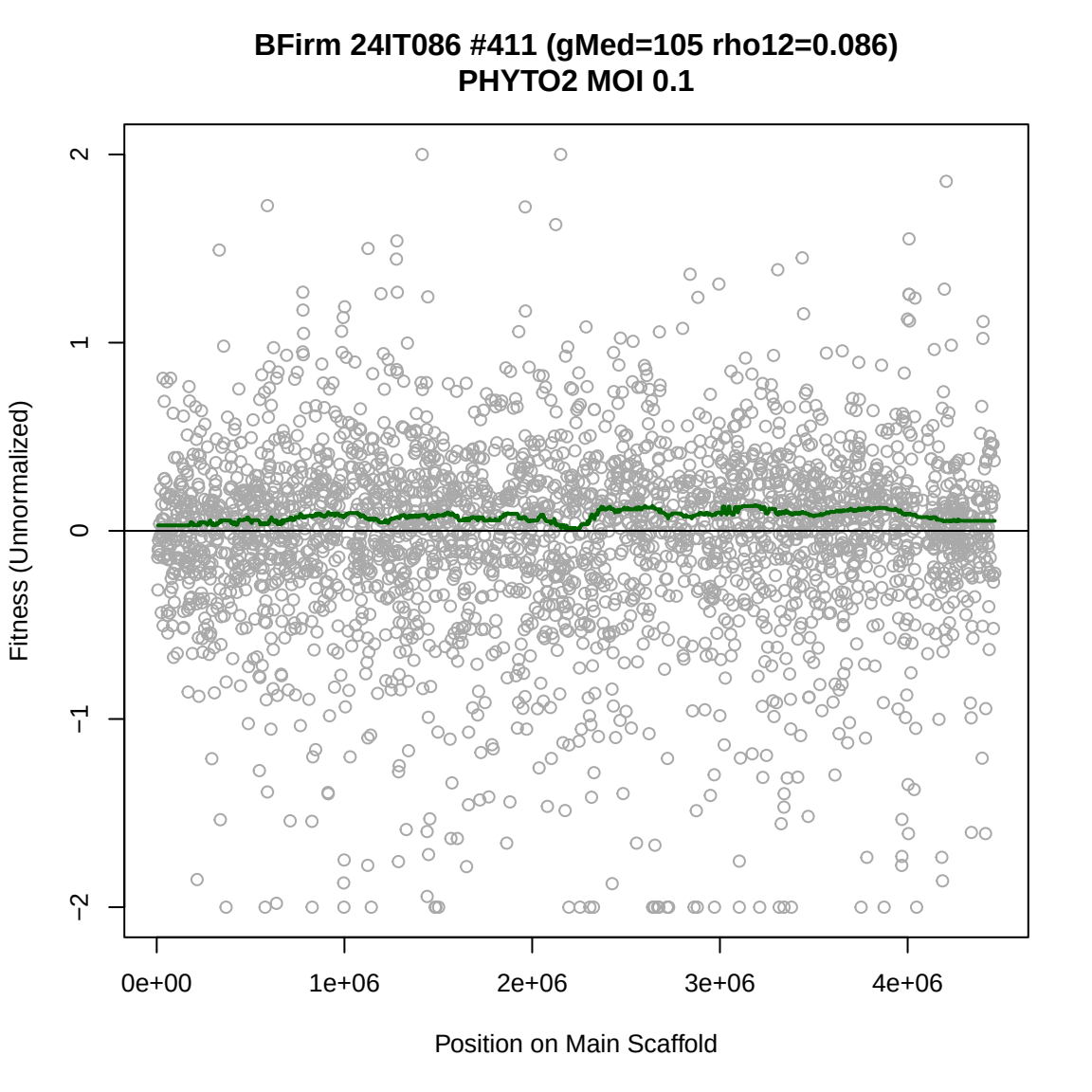

BFirm 24IT081 #406 (gMed=116 rho12=0.082)
PHYTO MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

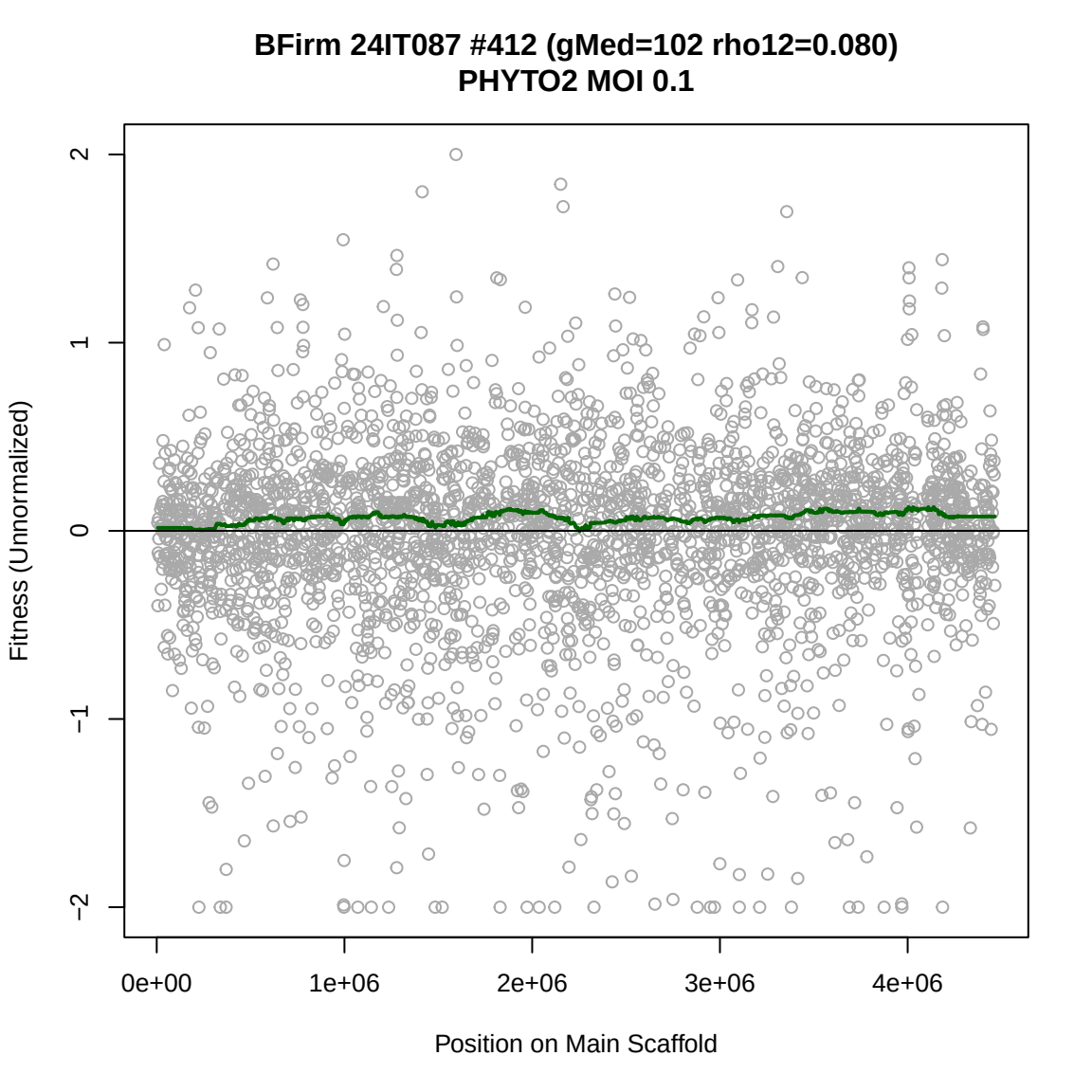

BFirm 24IT082 #407 (gMed=79 rho12=0.028)
PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

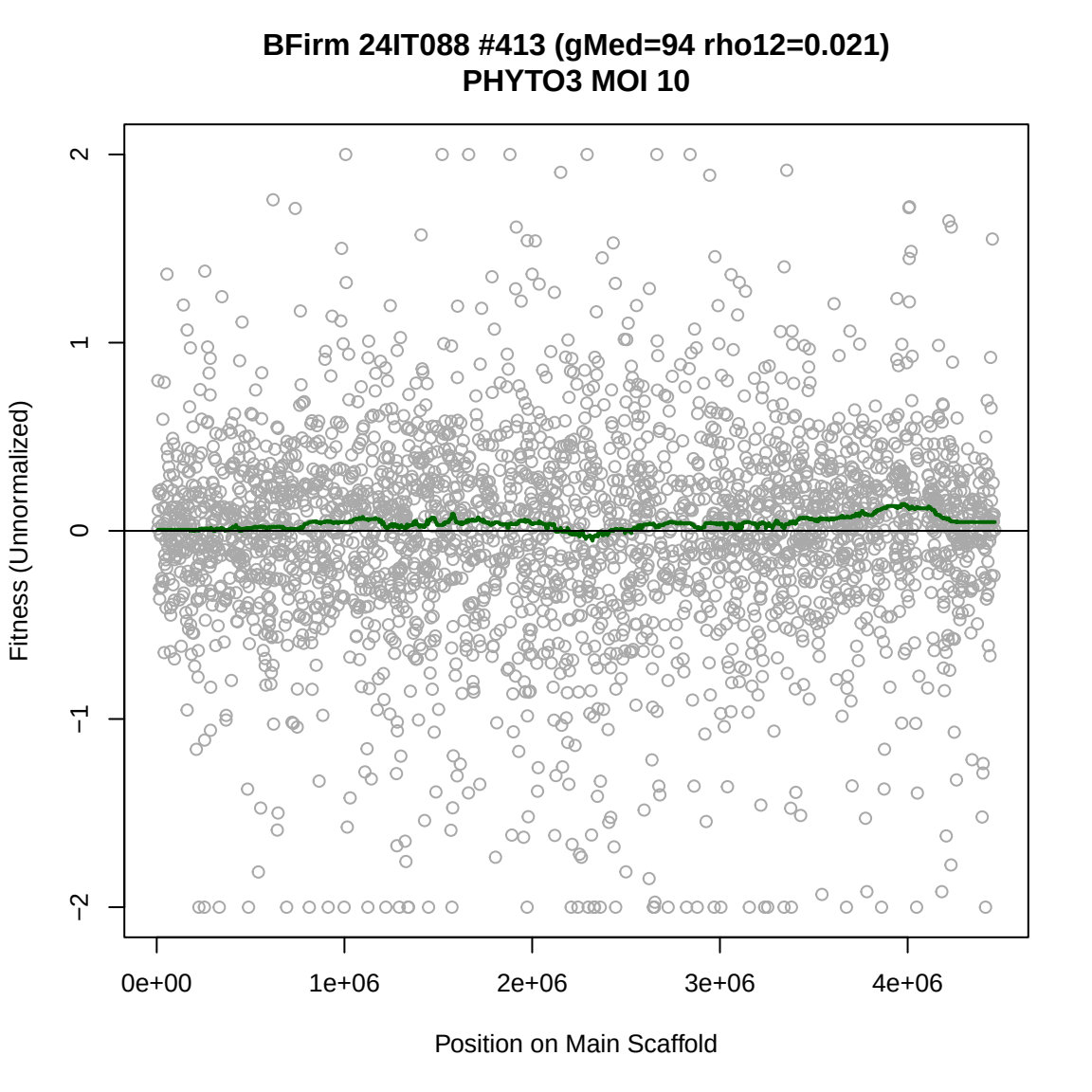

BFirm 24IT083 #408 (gMed=83 rho12=0.015)
PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

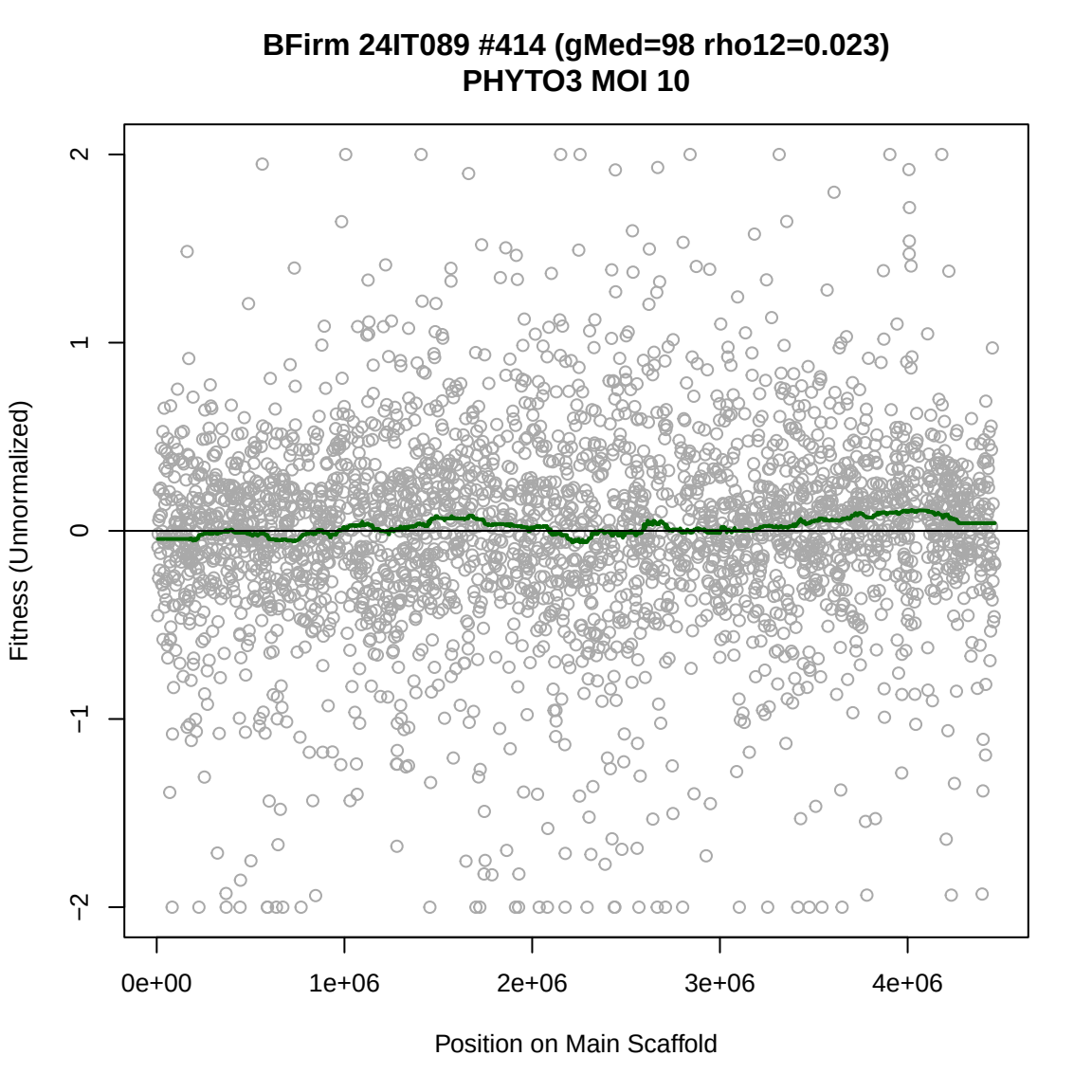

BFirm 24IT084 #409 (gMed=112 rho12=0.069)
PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

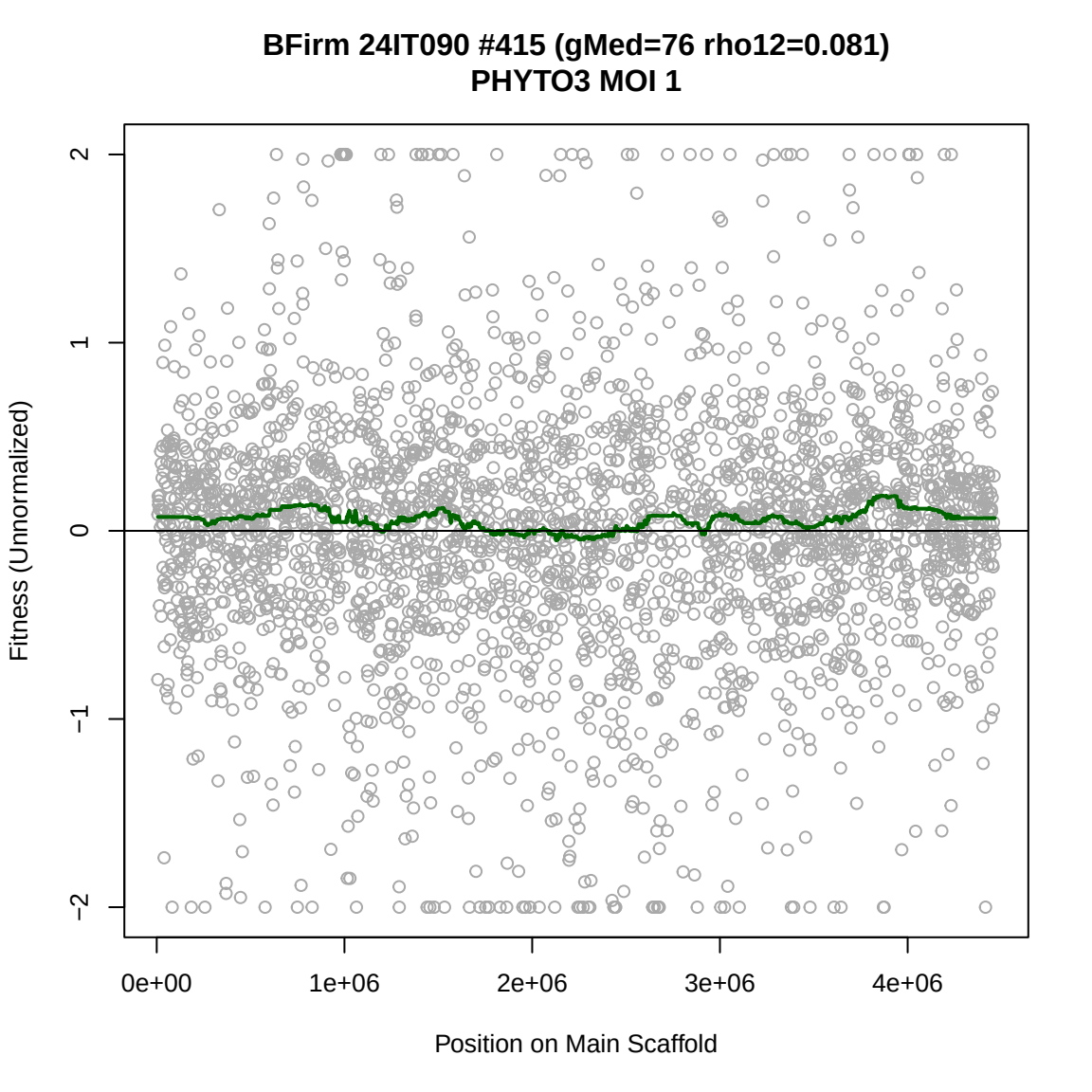

BFirm 24IT085 #410 (gMed=96 rho12=0.104)
PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

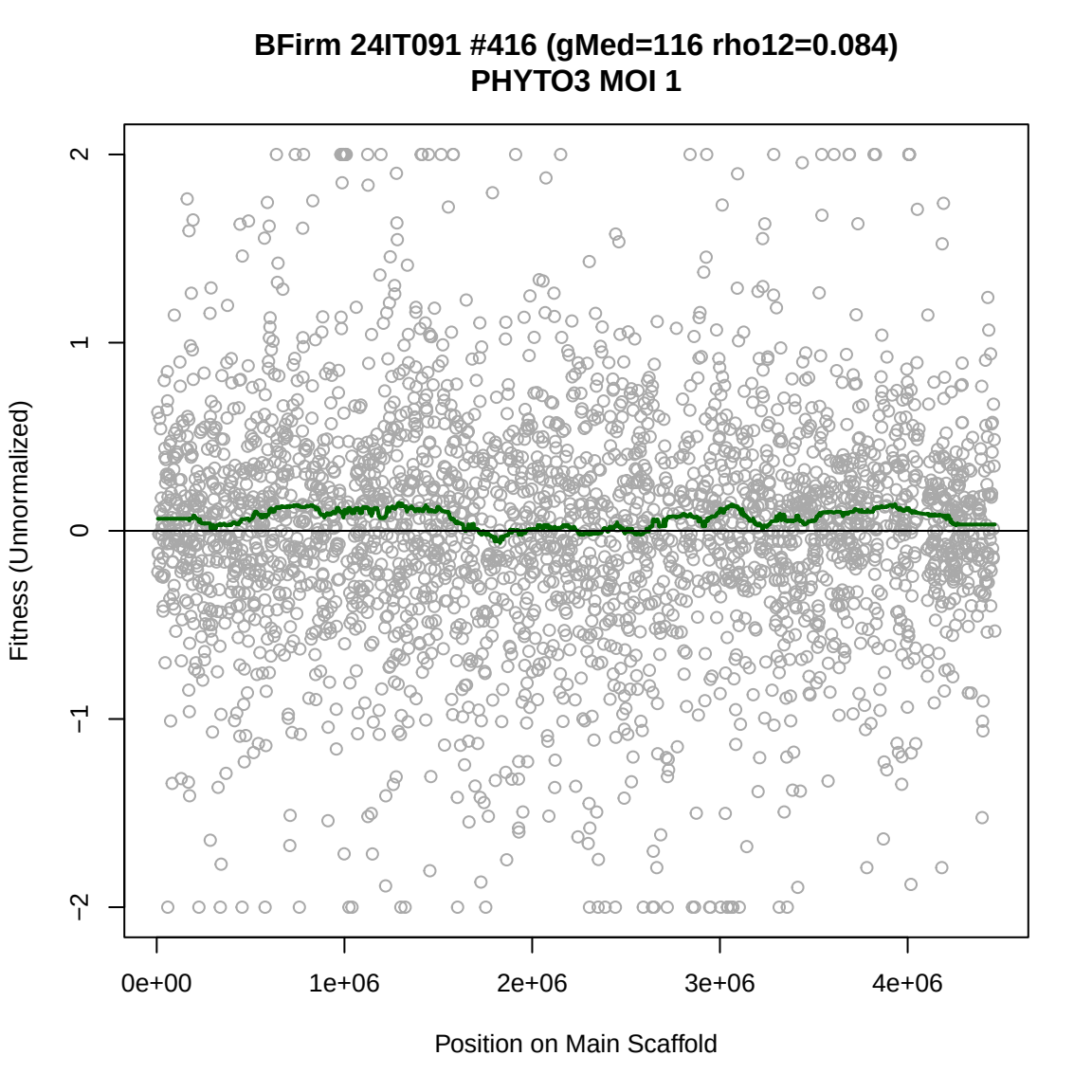

BFirm 24IT086 #411 (gMed=105 rho12=0.086)
PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

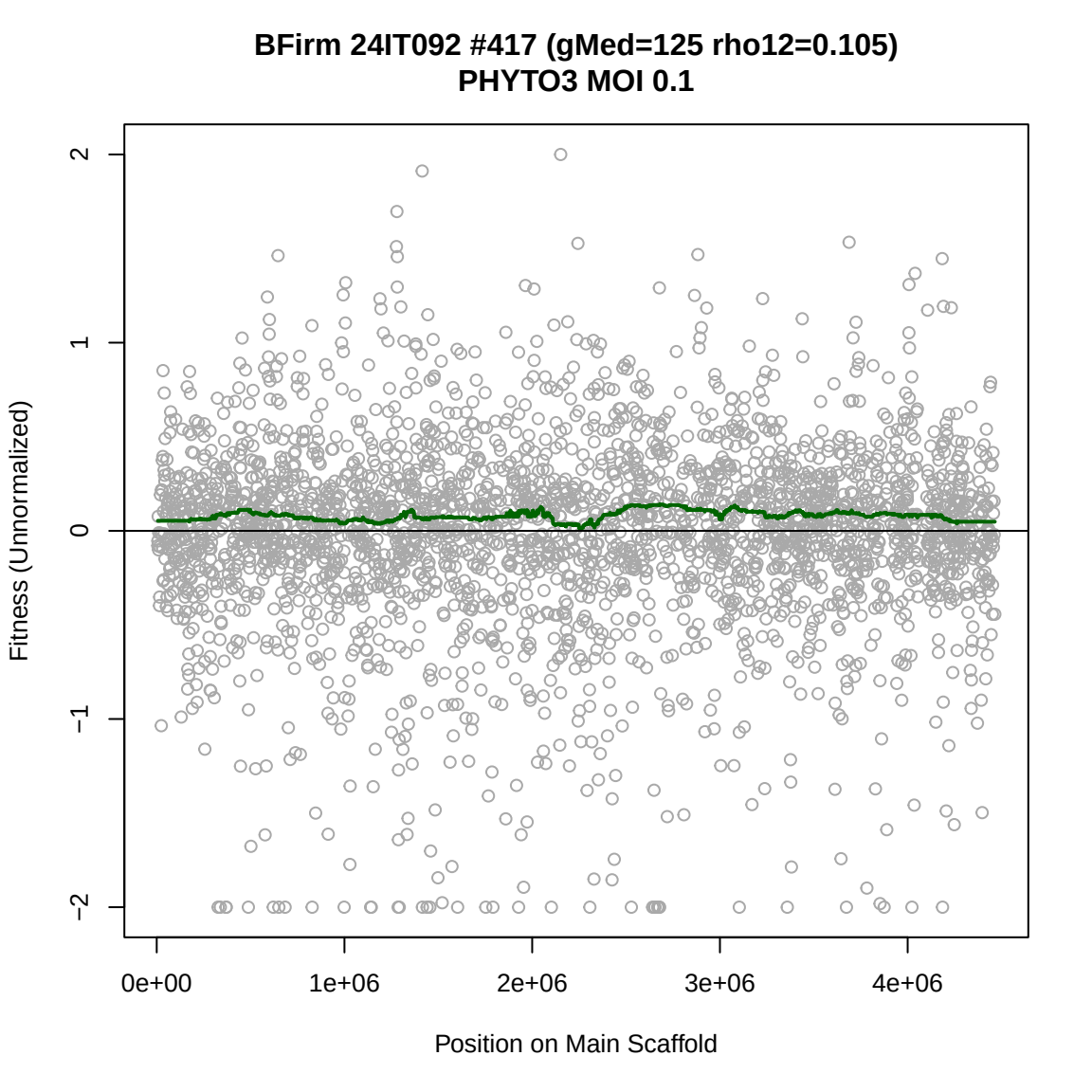

BFirm 24IT087 #412 (gMed=102 rho12=0.080)
PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

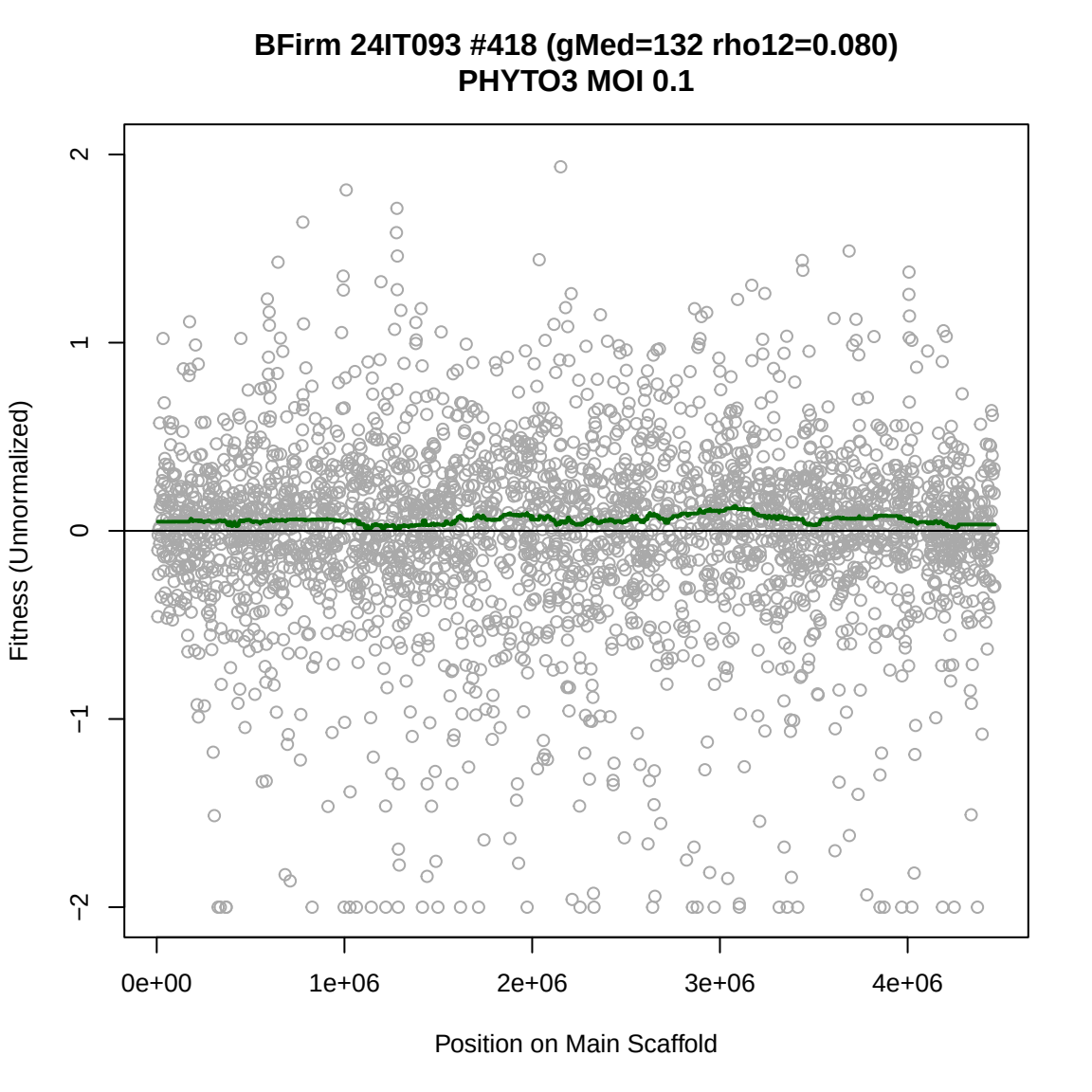

BFirm 24IT088 #413 (gMed=94 rho12=0.021)
PHYTO3 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

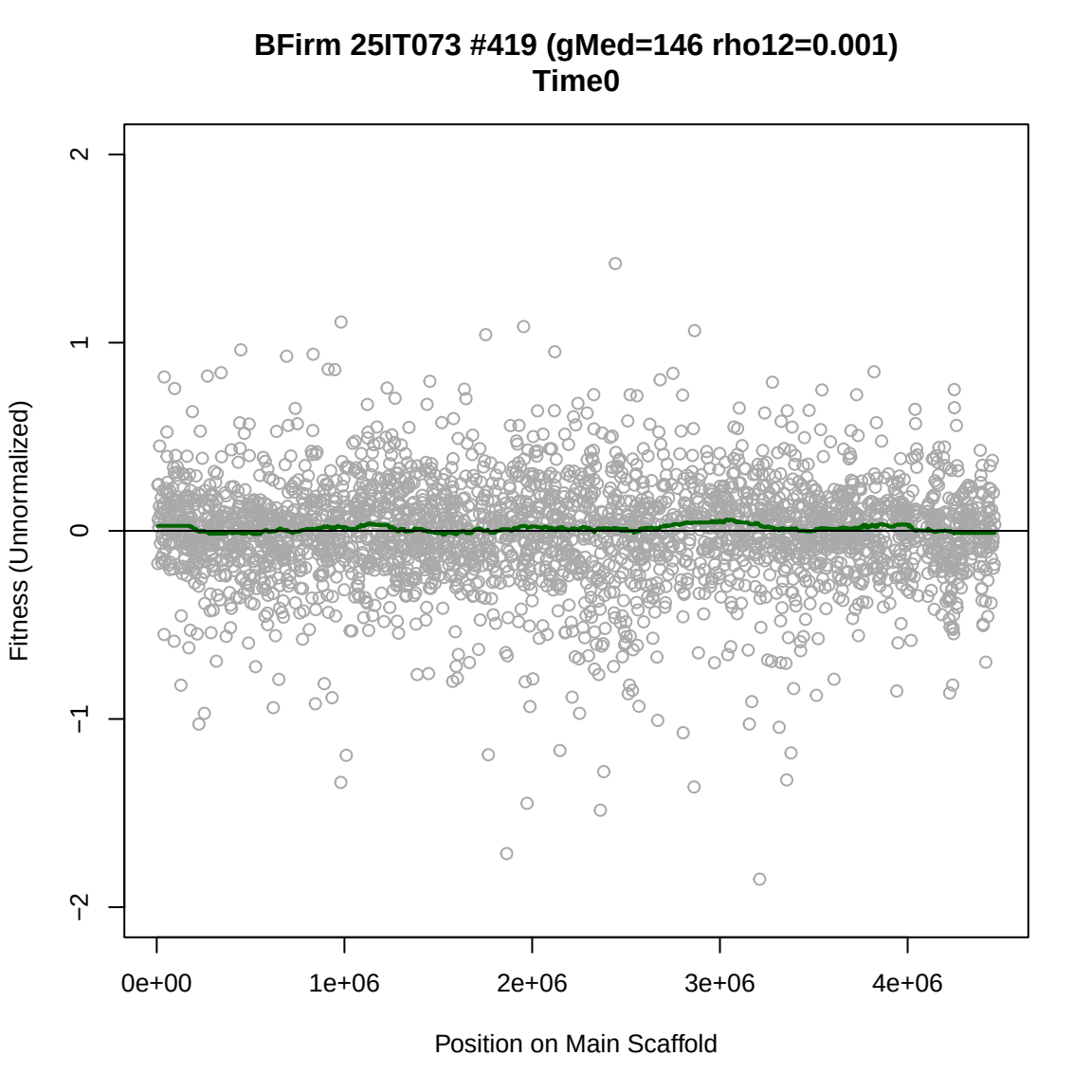

BFirm 24IT089 #414 (gMed=98 rho12=0.023)
PHYTO3 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

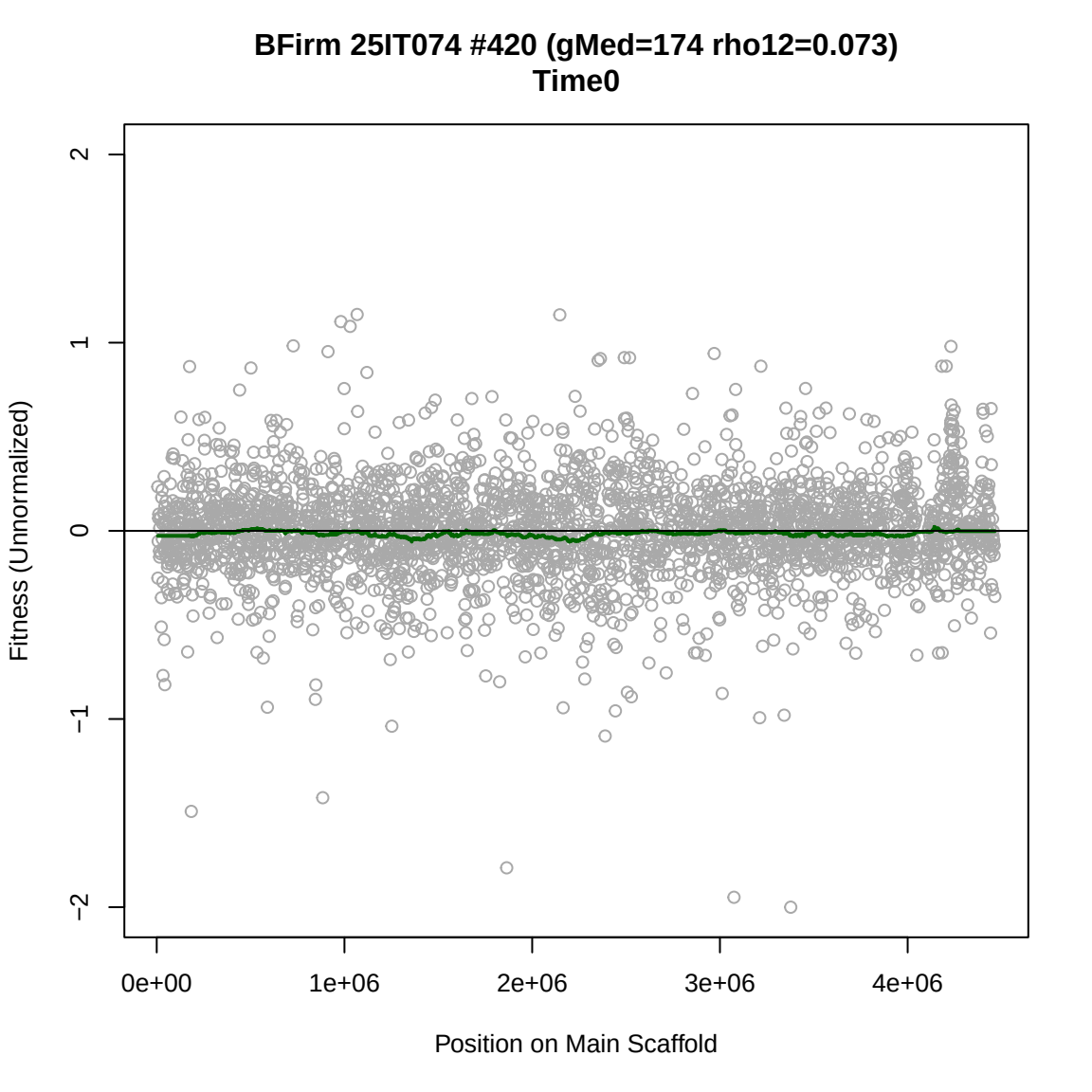

BFirm 24IT090 #415 (gMed=76 rho12=0.081)
PHYTO3 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

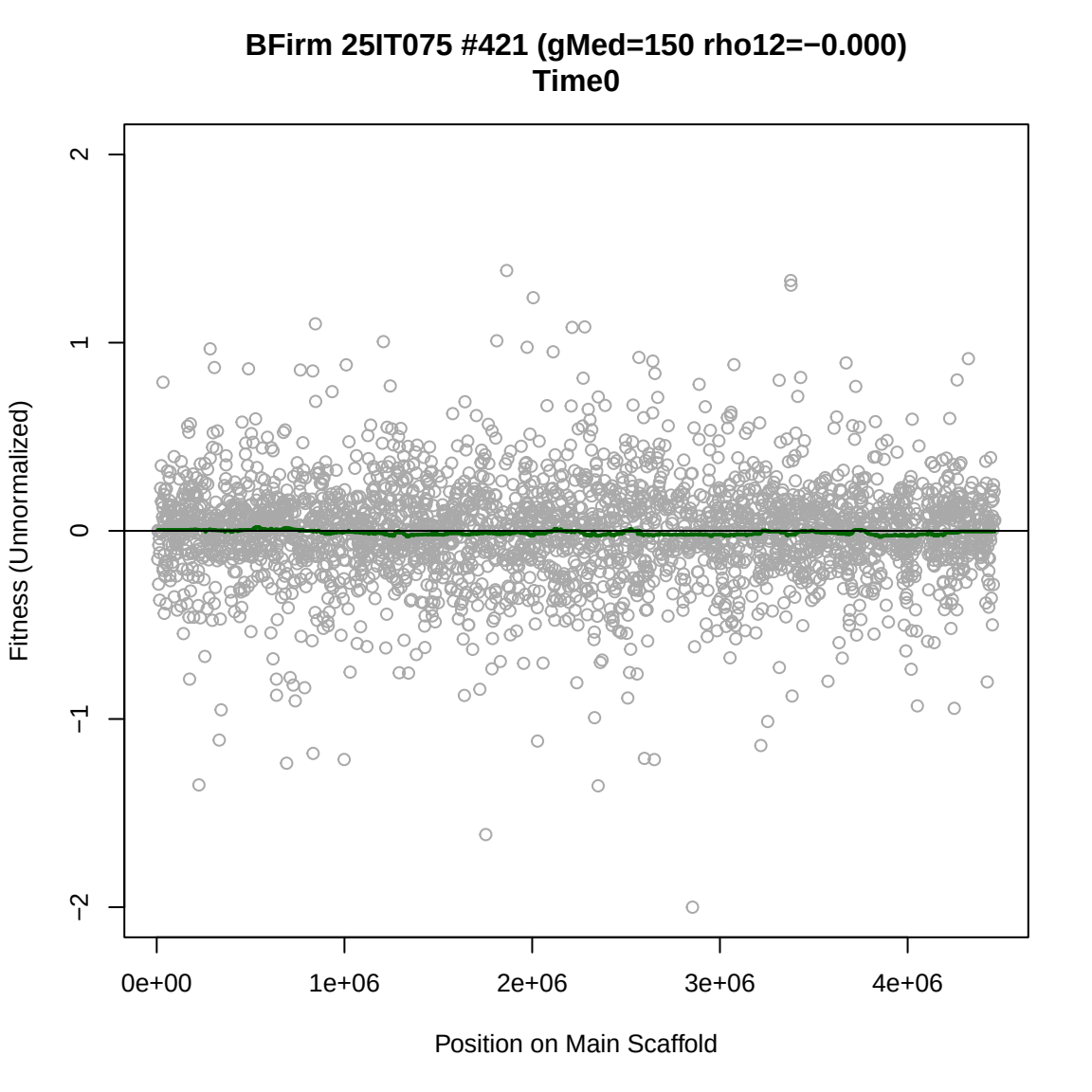

BFirm 24IT091 #416 (gMed=116 rho12=0.084)
PHYTO3 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

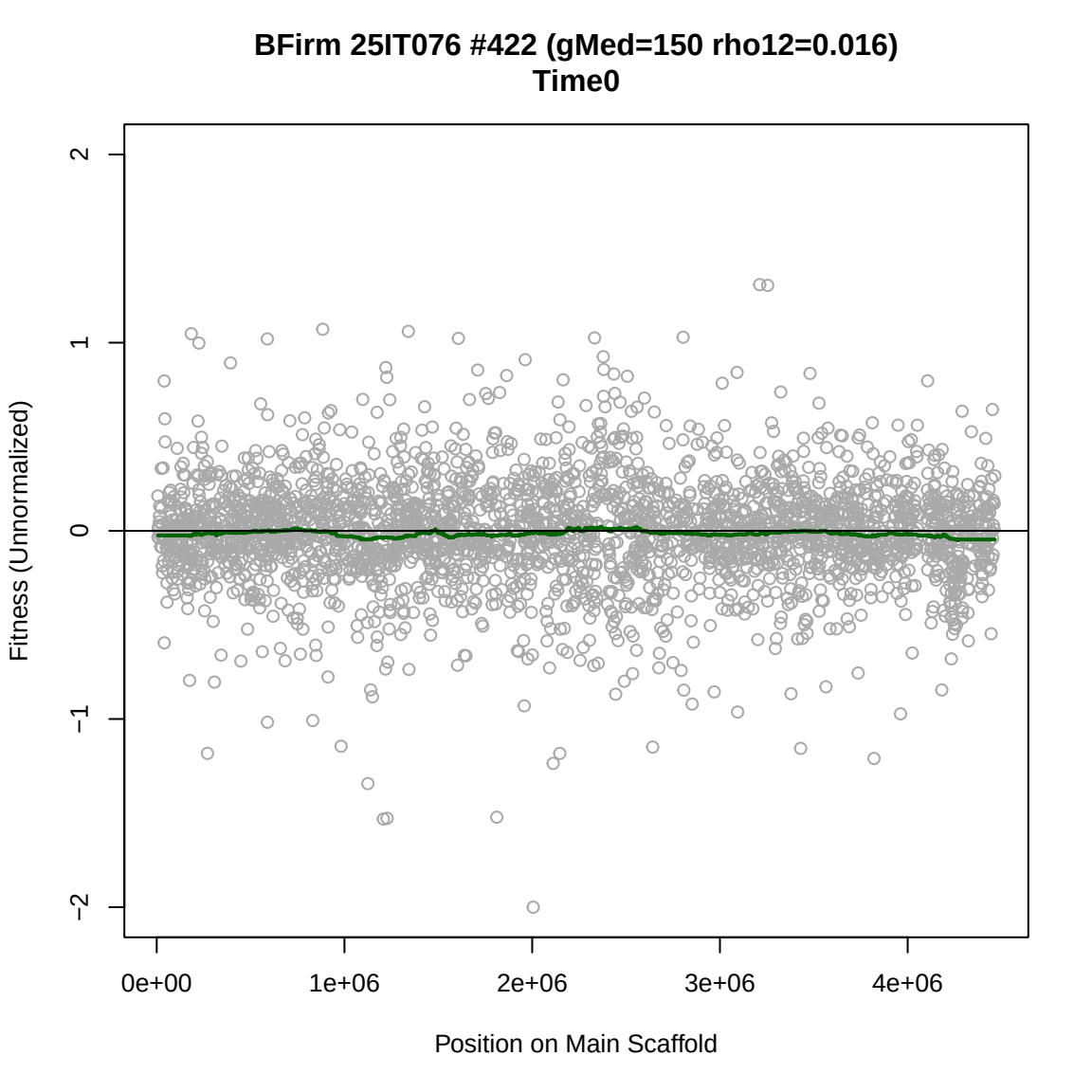

BFirm 24IT092 #417 (gMed=125 rho12=0.105)
PHYTO3 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

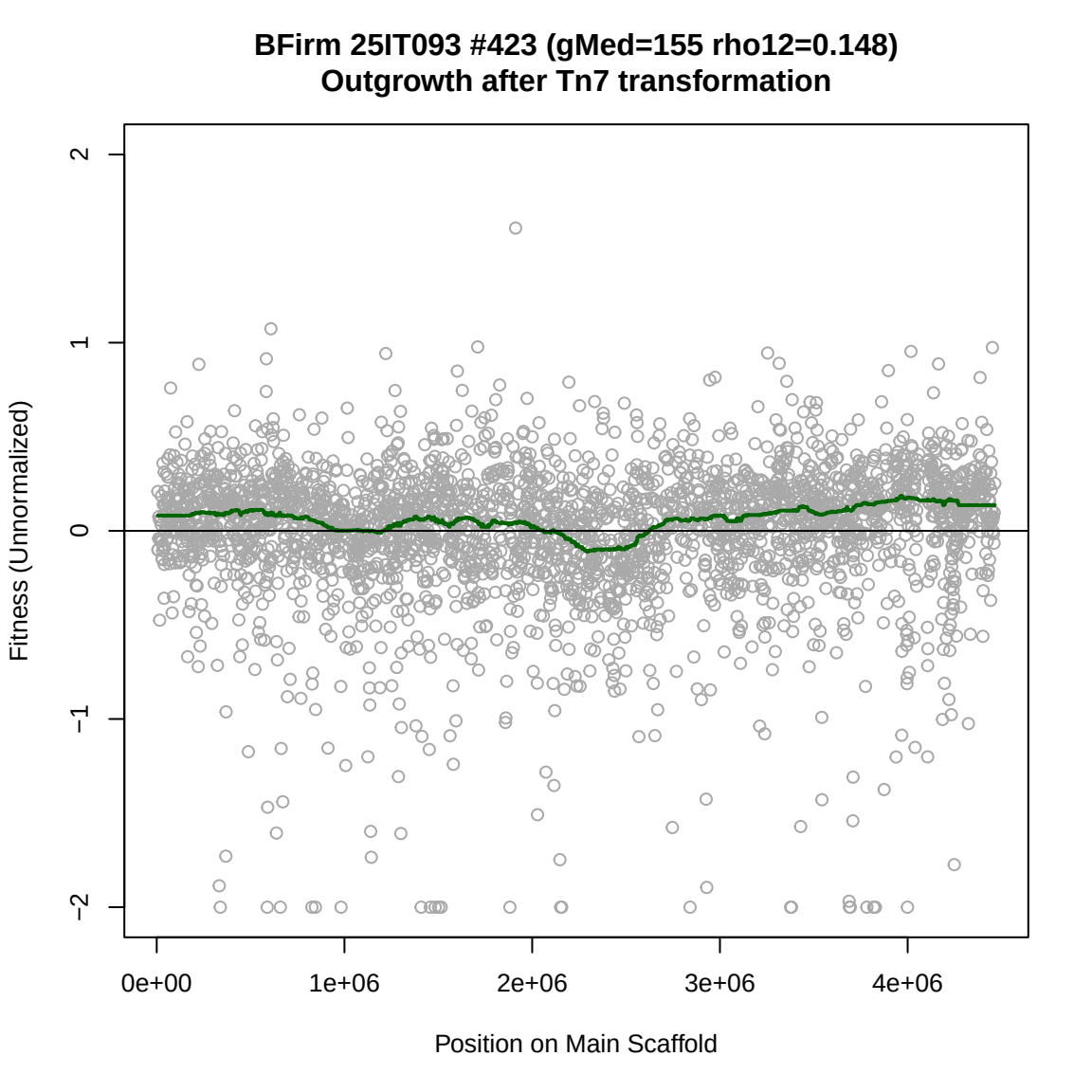

BFirm 24IT093 #418 (gMed=132 rho12=0.080)
PHYTO3 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

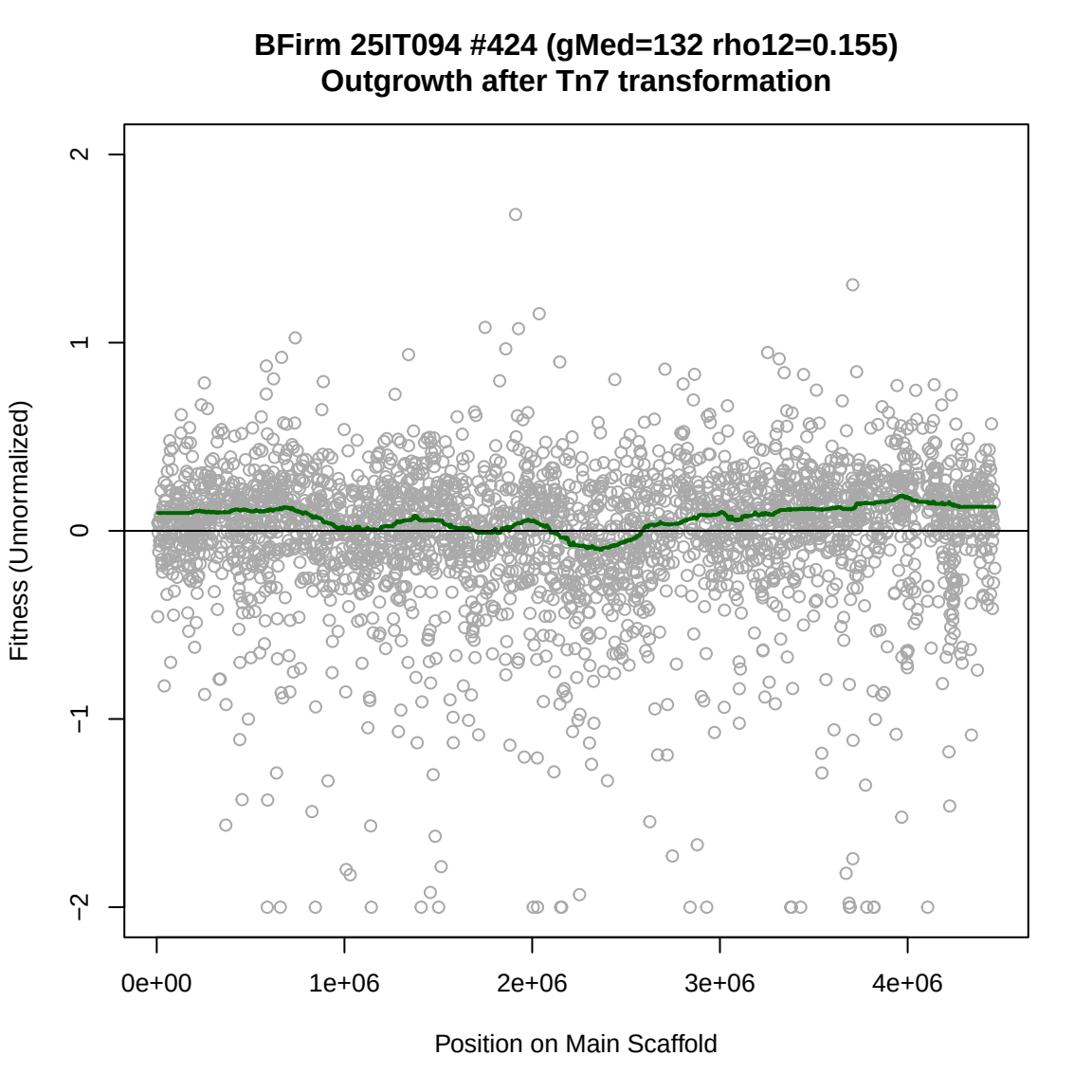

BFirm 25IT073 #419 (gMed=146 rho12=0.001)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

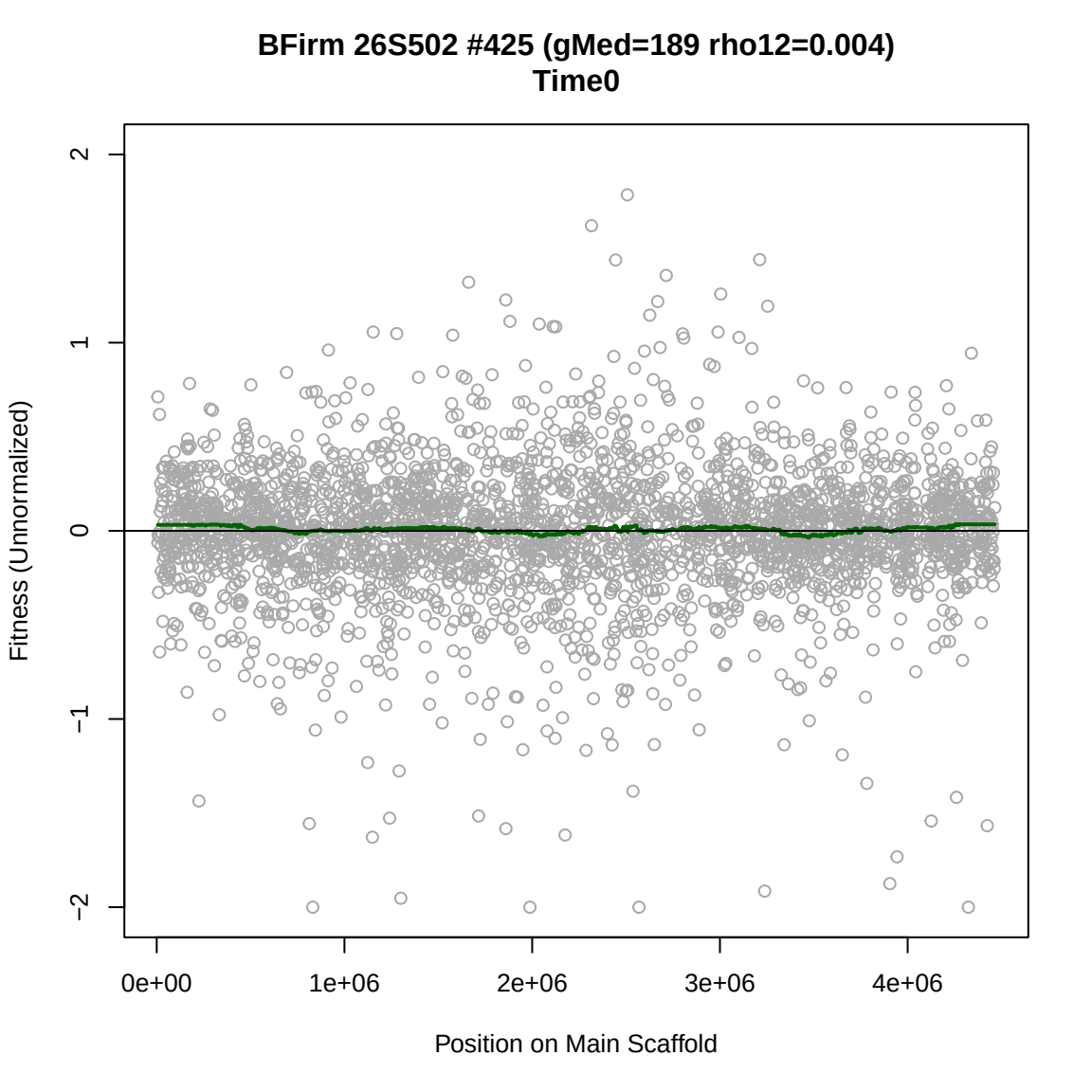

BFirm 25IT074 #420 (gMed=174 rho12=0.073)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

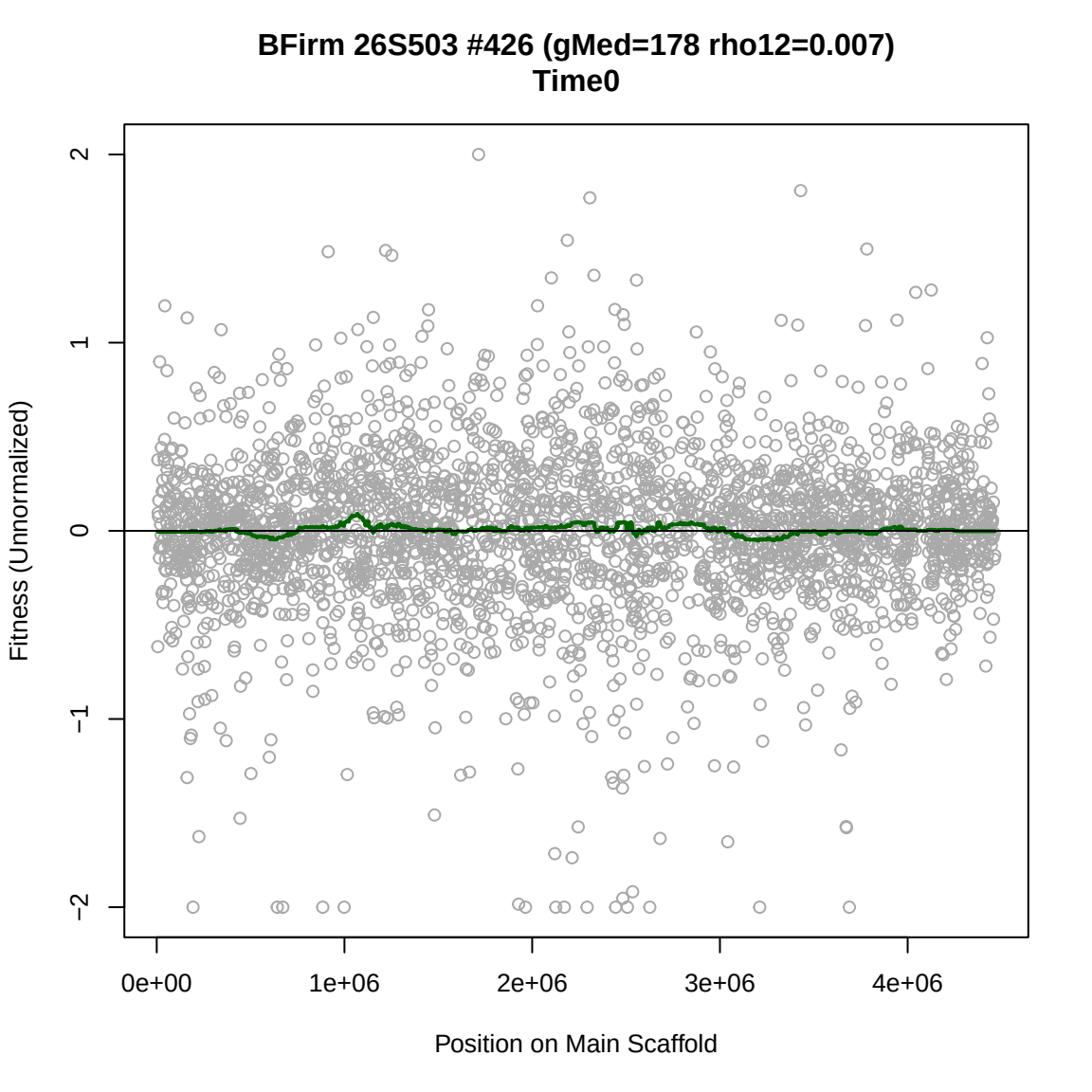

BFirm 25IT075 #421 (gMed=150 rho12=−0.000)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

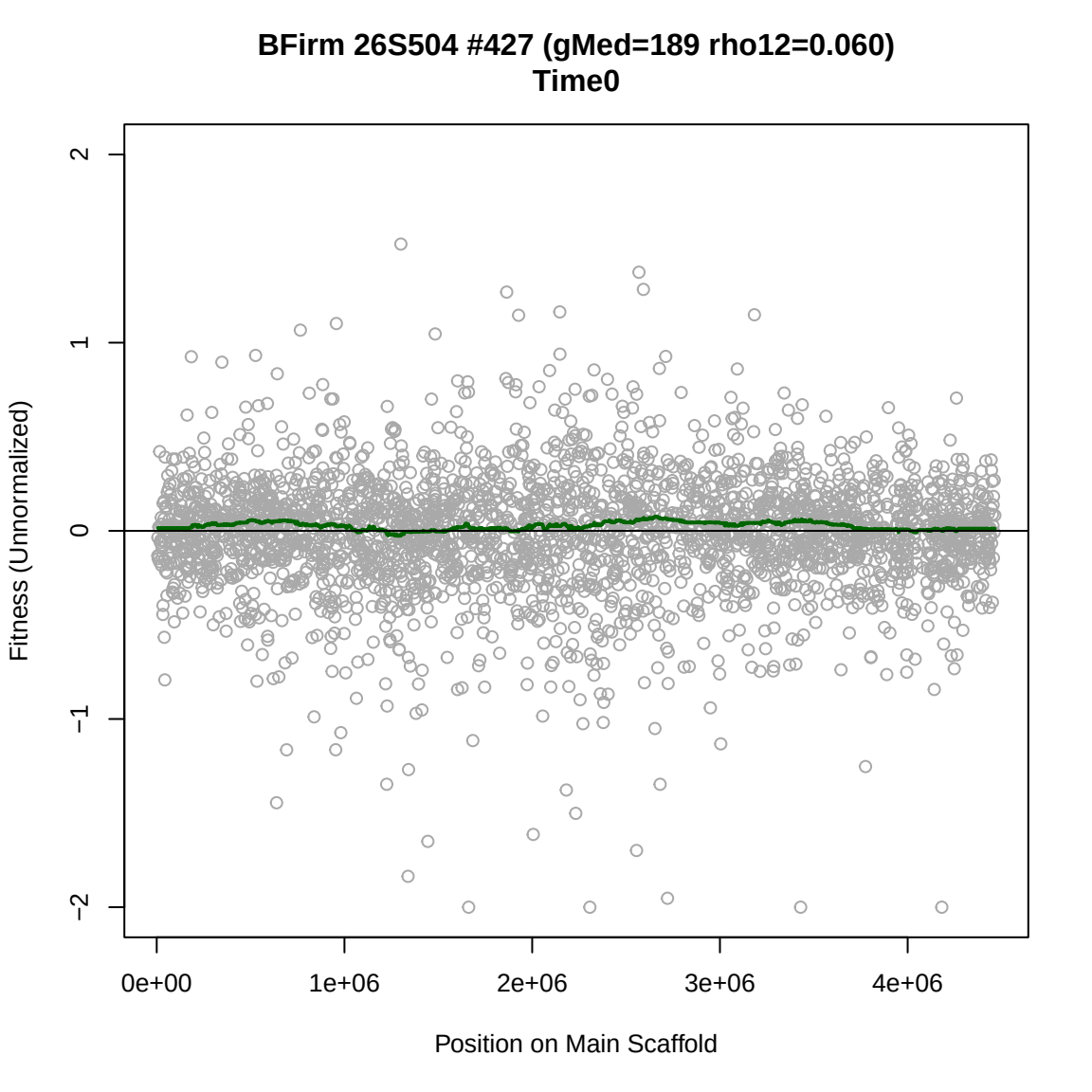

BFirm 25IT076 #422 (gMed=150 rho12=0.016)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

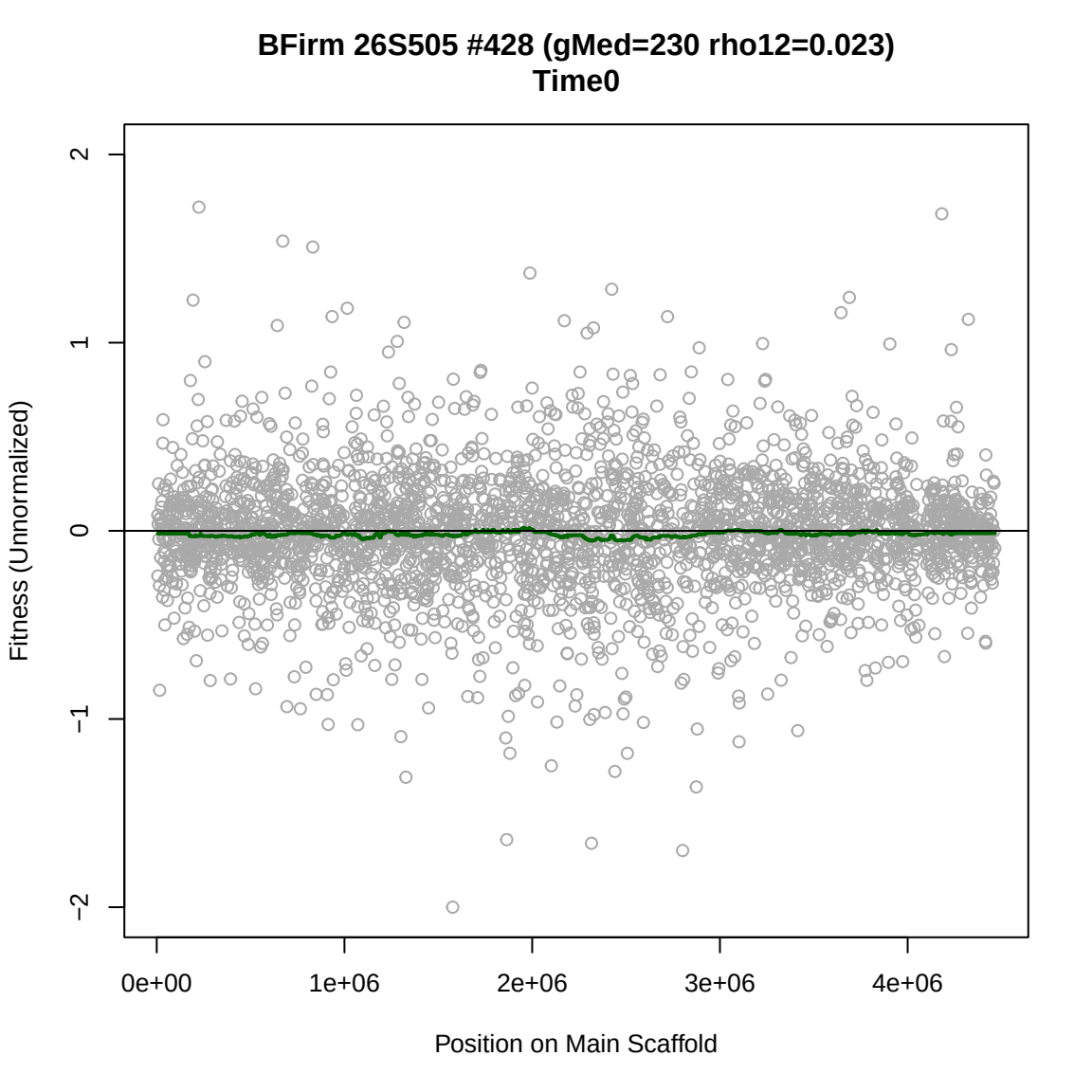

BFirm 25IT093 #423 (gMed=155 rho12=0.148)
Outgrowth after Tn7 transformation
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

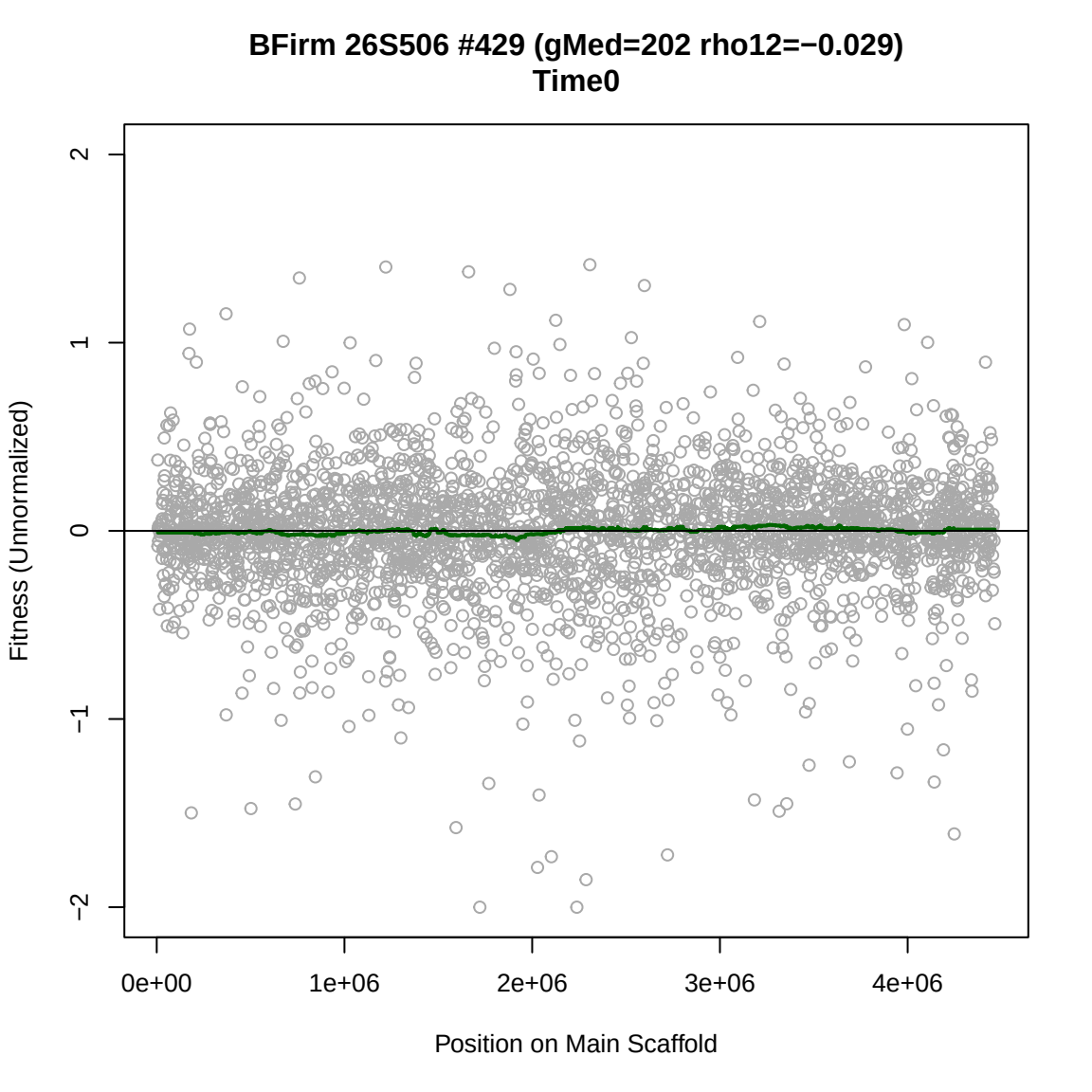

BFirm 25IT094 #424 (gMed=132 rho12=0.155)
Outgrowth after Tn7 transformation
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

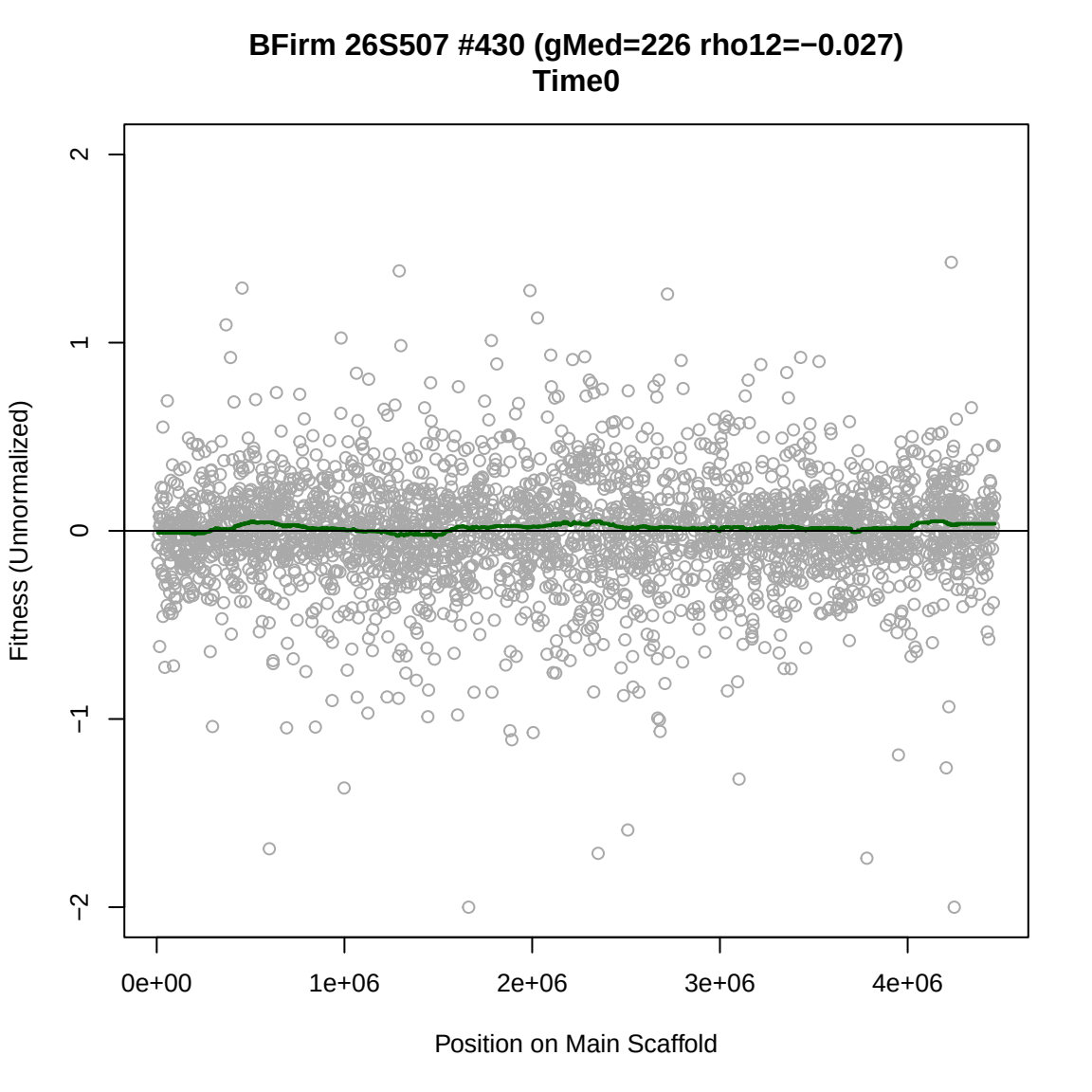

BFirm 26S502 #425 (gMed=189 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

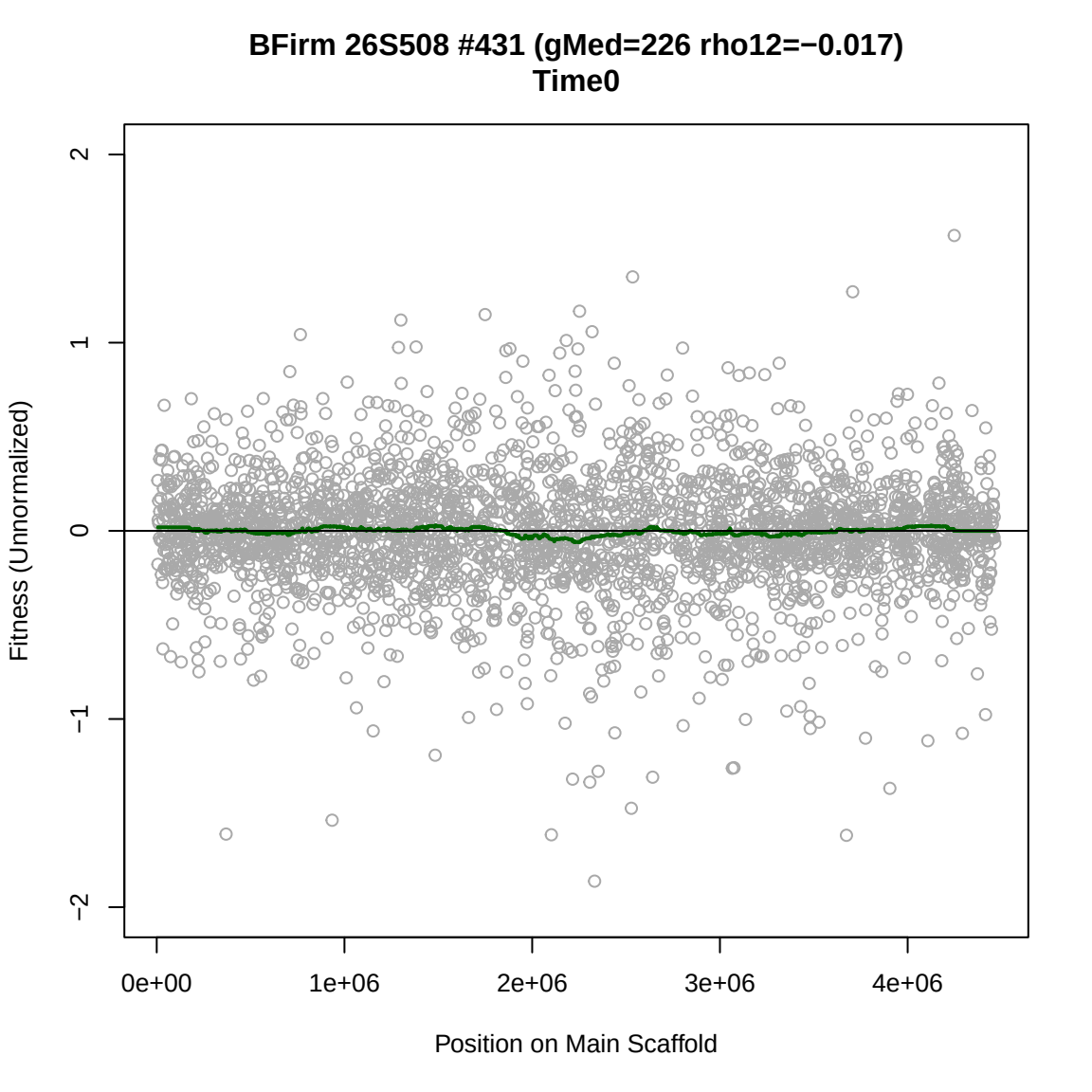

BFirm 26S503 #426 (gMed=178 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

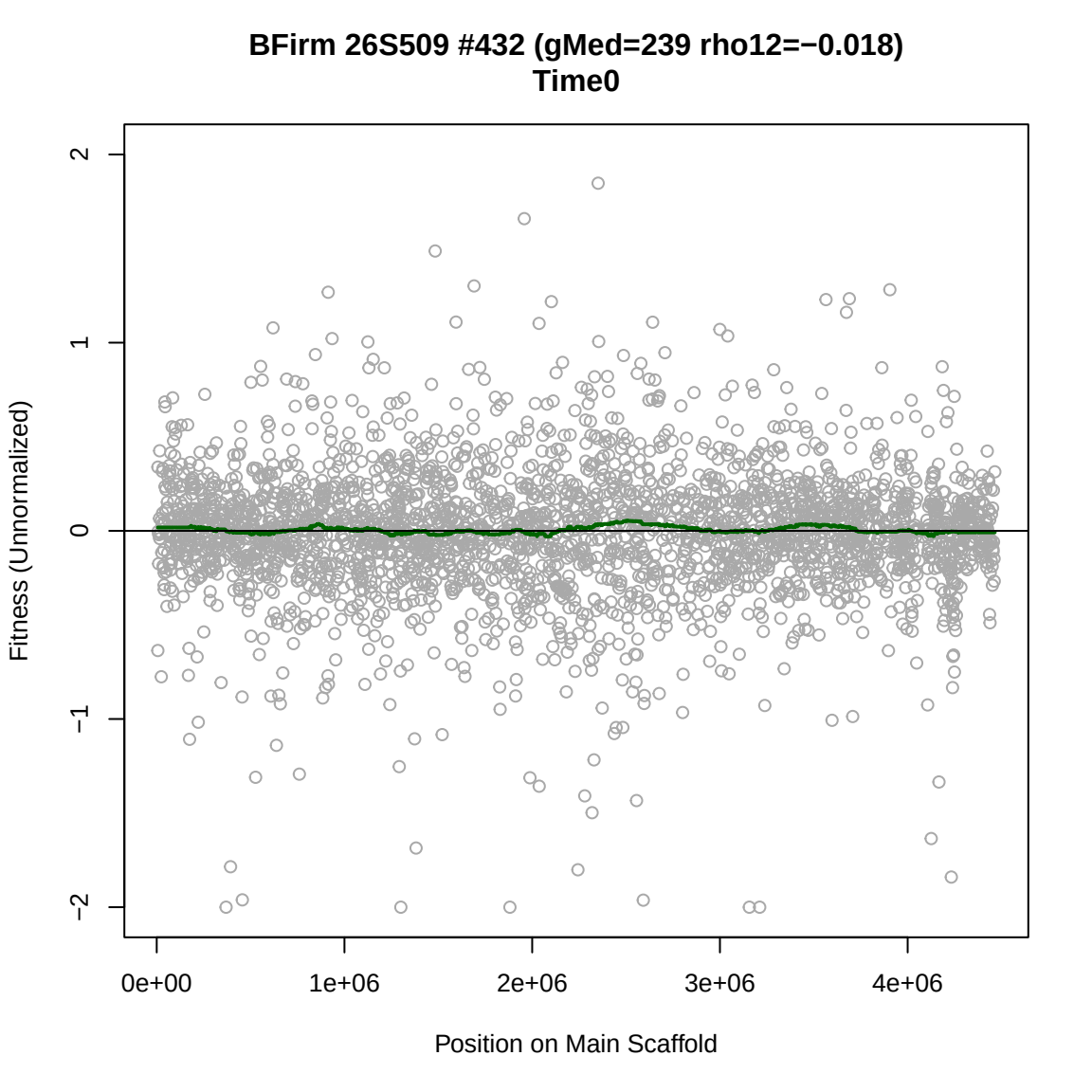

BFirm 26S504 #427 (gMed=189 rho12=0.060)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

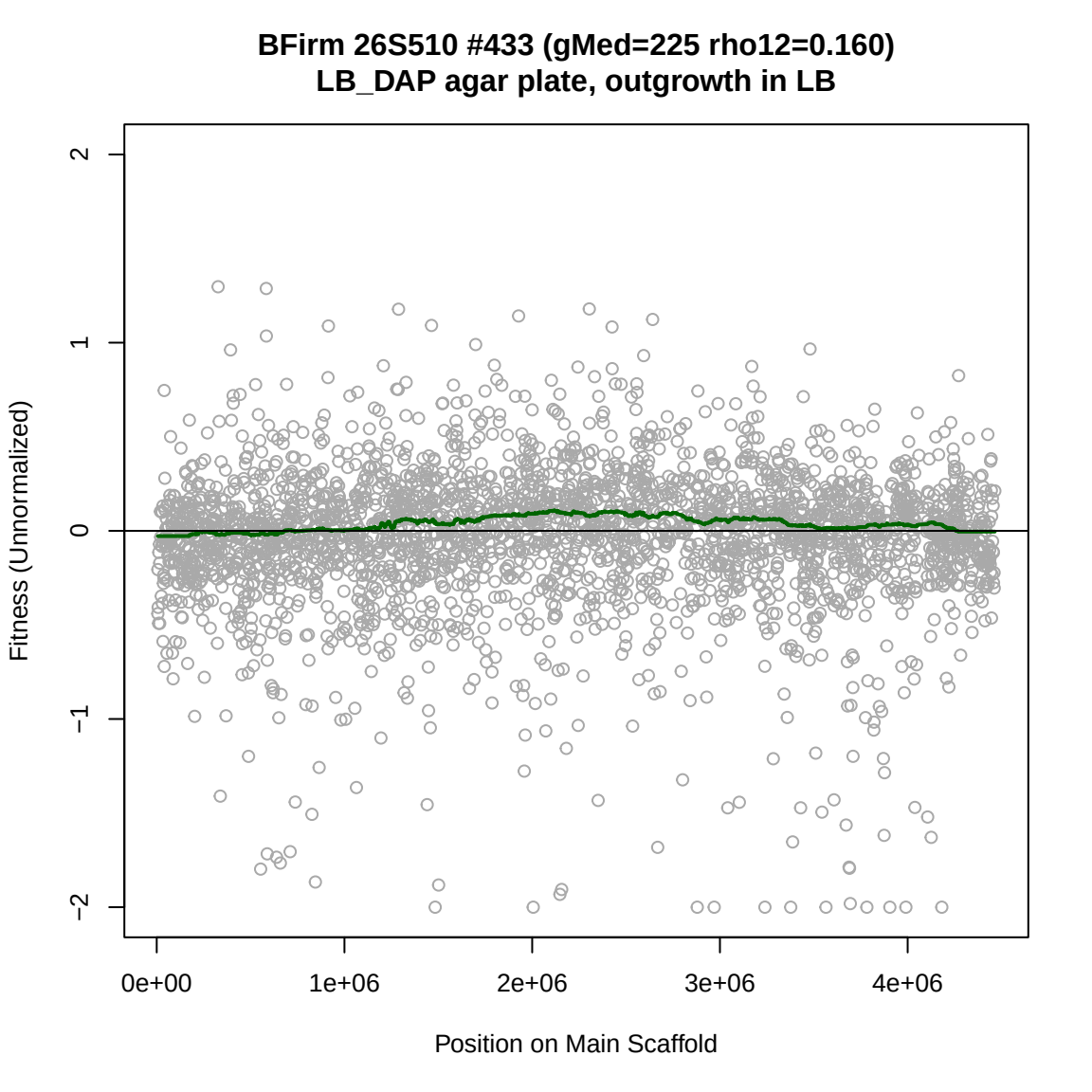

BFirm 26S505 #428 (gMed=230 rho12=0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

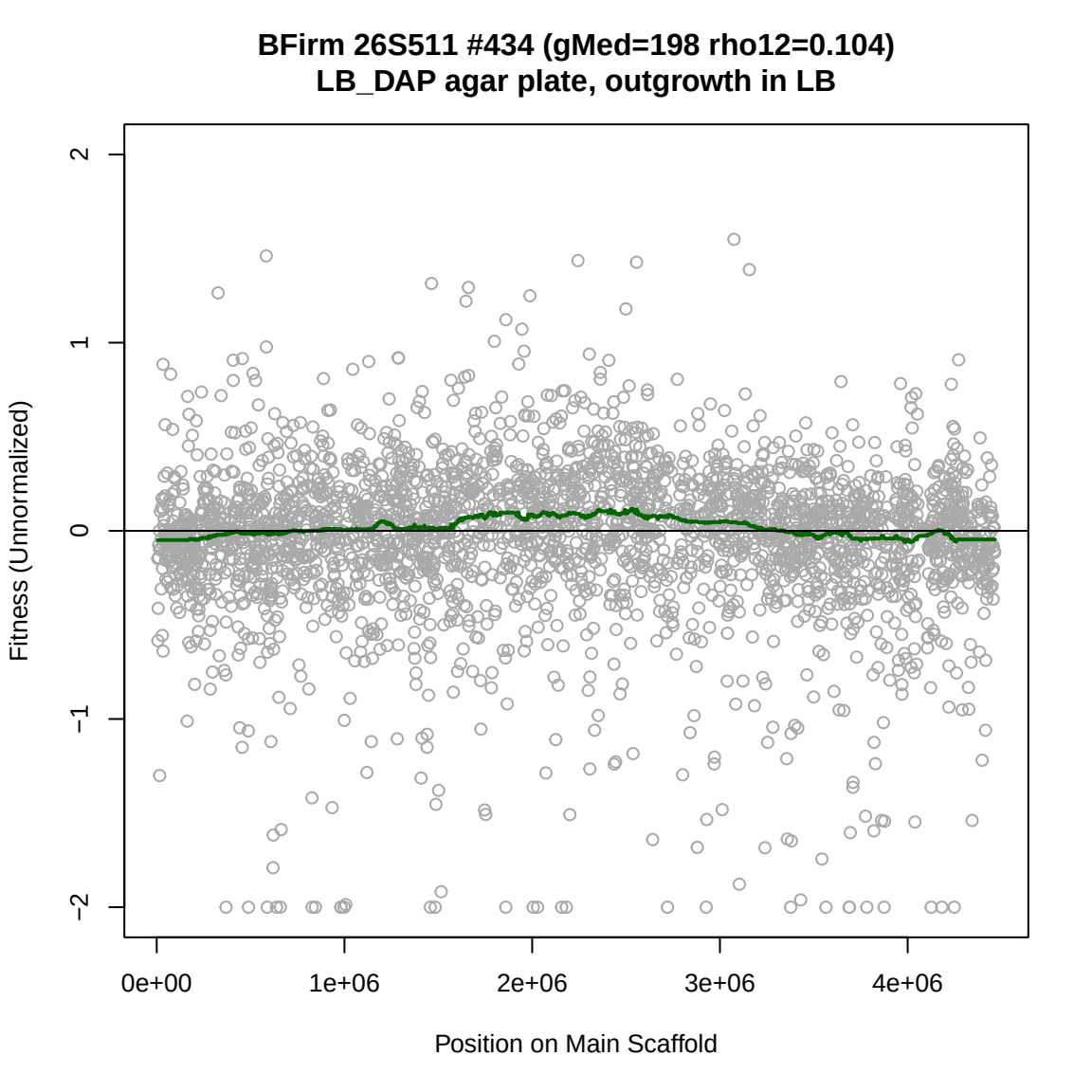

BFirm 26S506 #429 (gMed=202 rho12=−0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

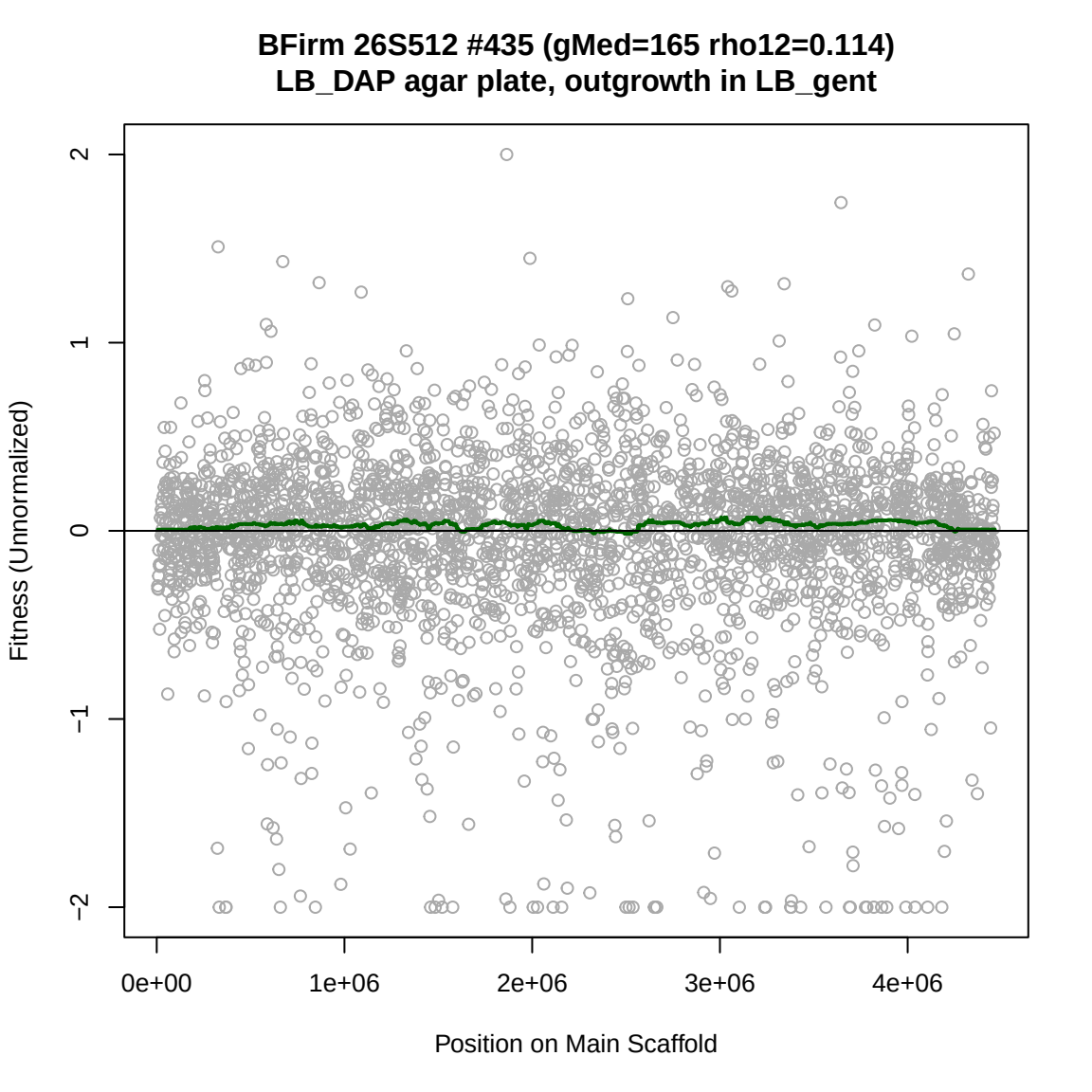

BFirm 26S507 #430 (gMed=226 rho12=−0.027)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

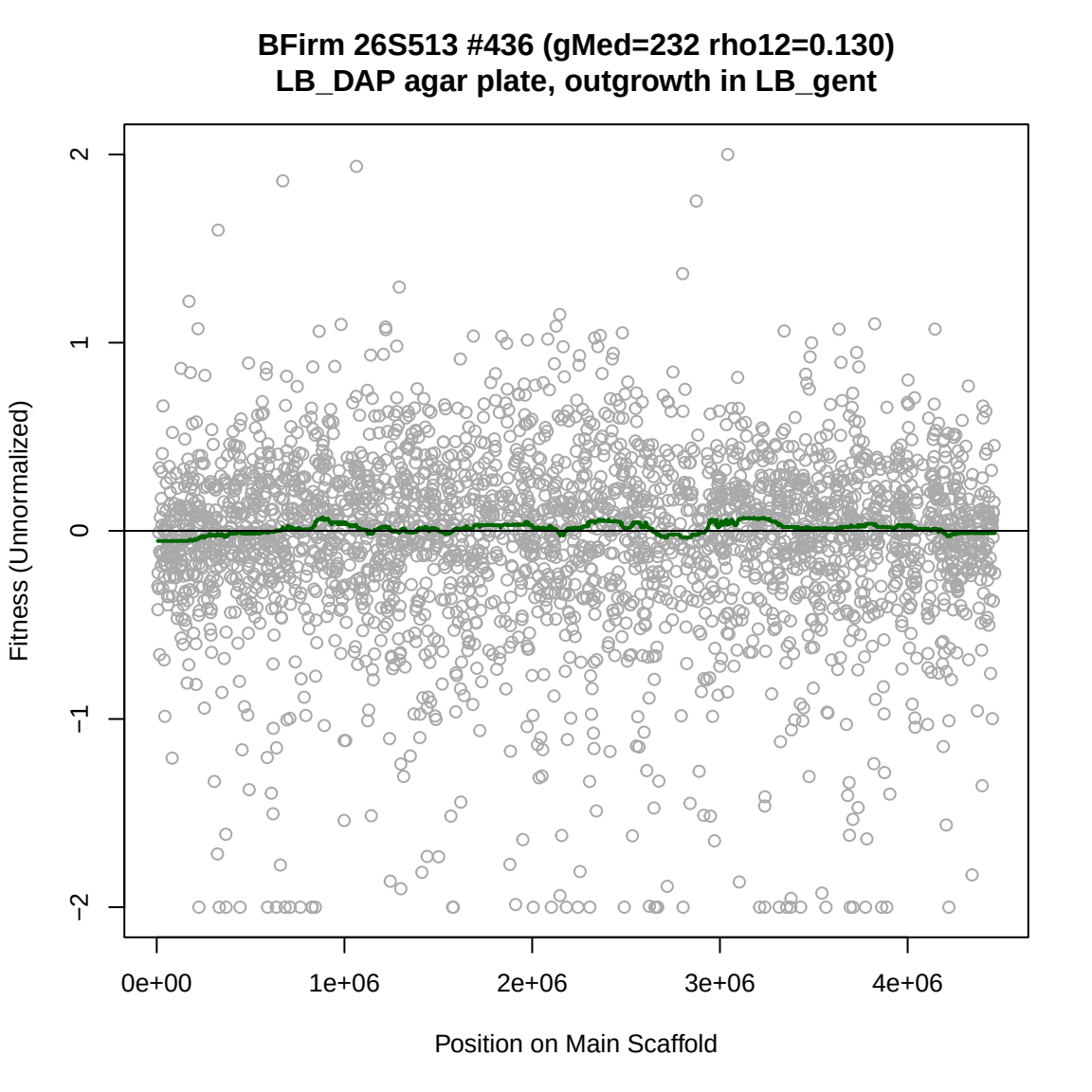

BFirm 26S508 #431 (gMed=226 rho12=−0.017)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

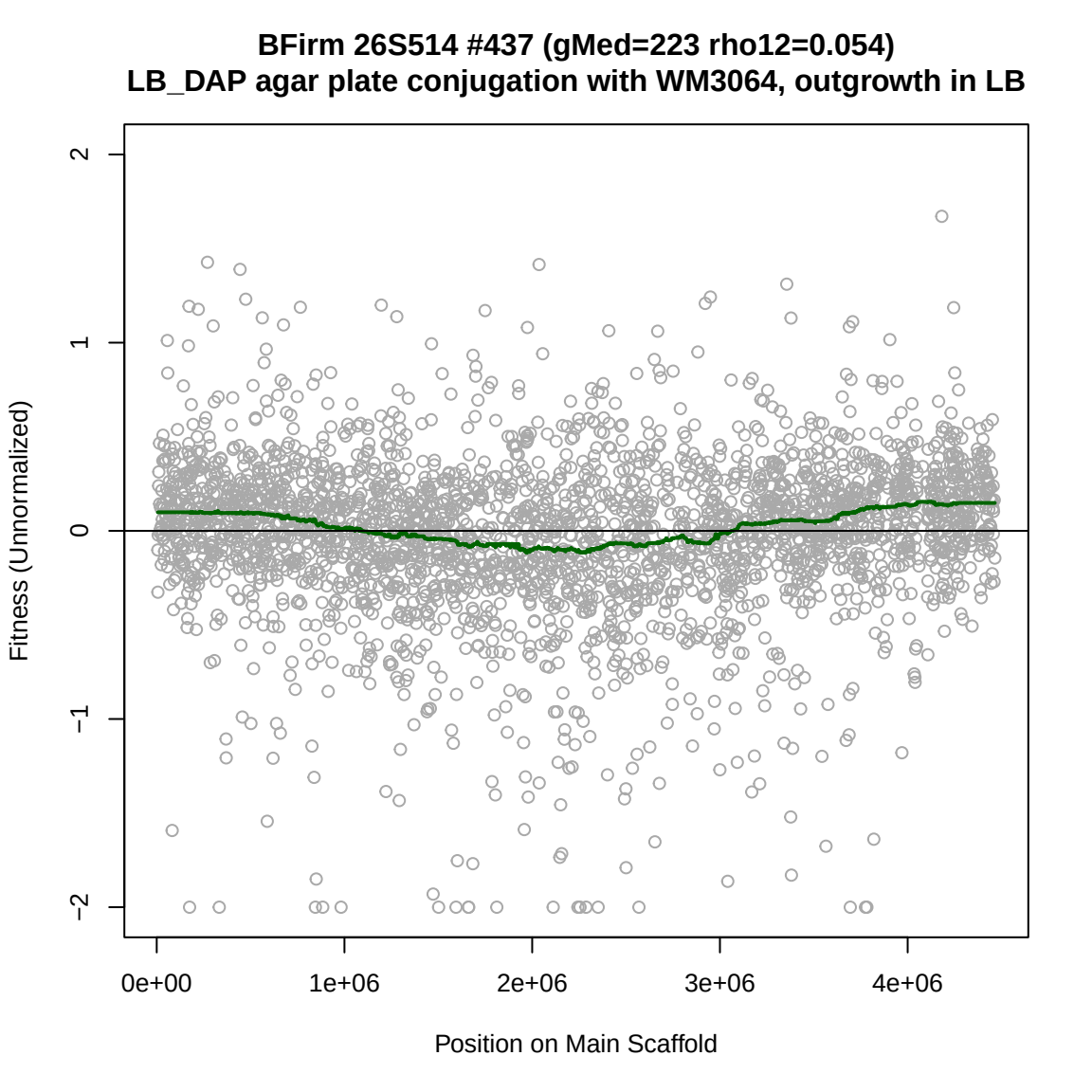

BFirm 26S509 #432 (gMed=239 rho12=−0.018)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

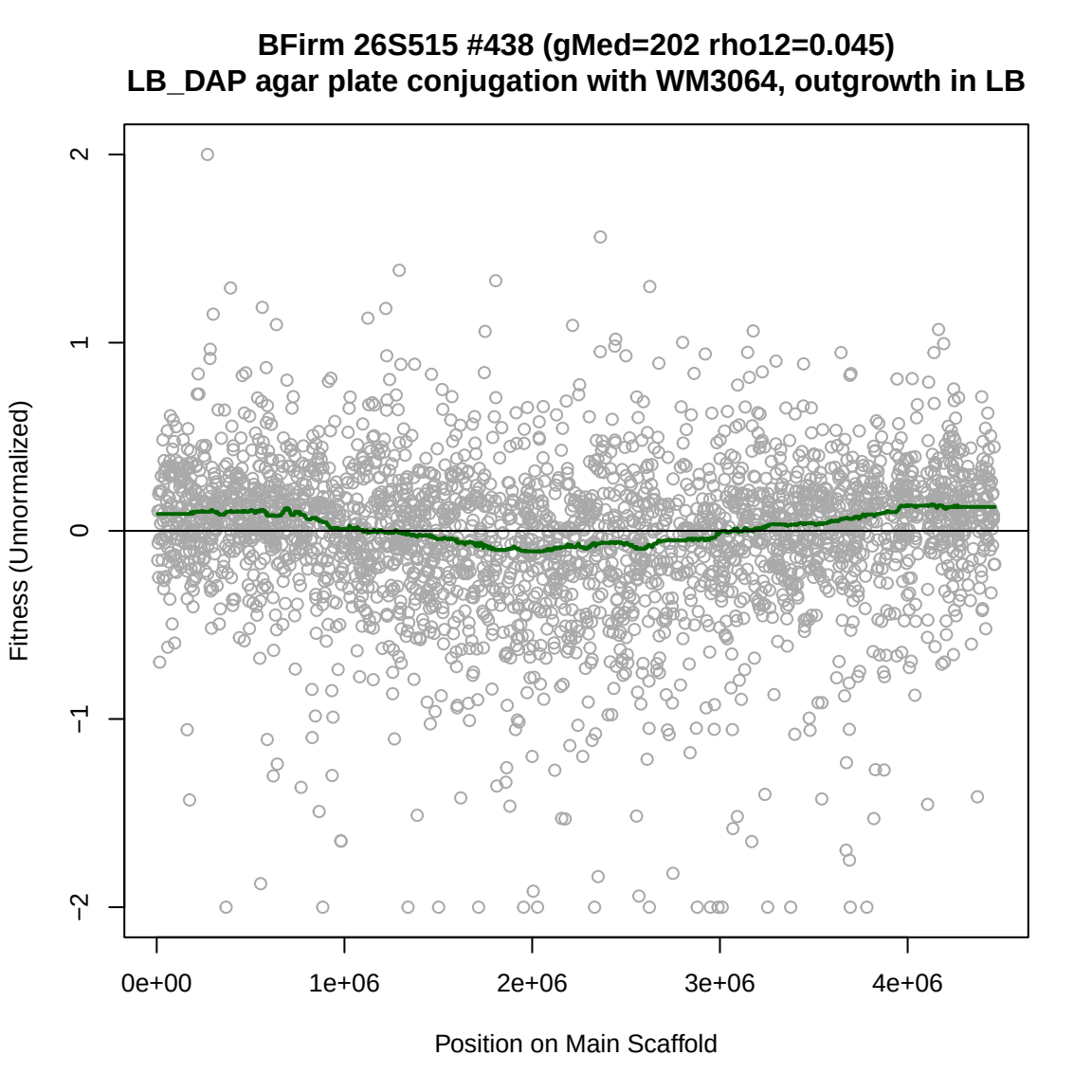

BFirm 26S510 #433 (gMed=225 rho12=0.160)
LB_DAP agar plate, outgrowth in LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

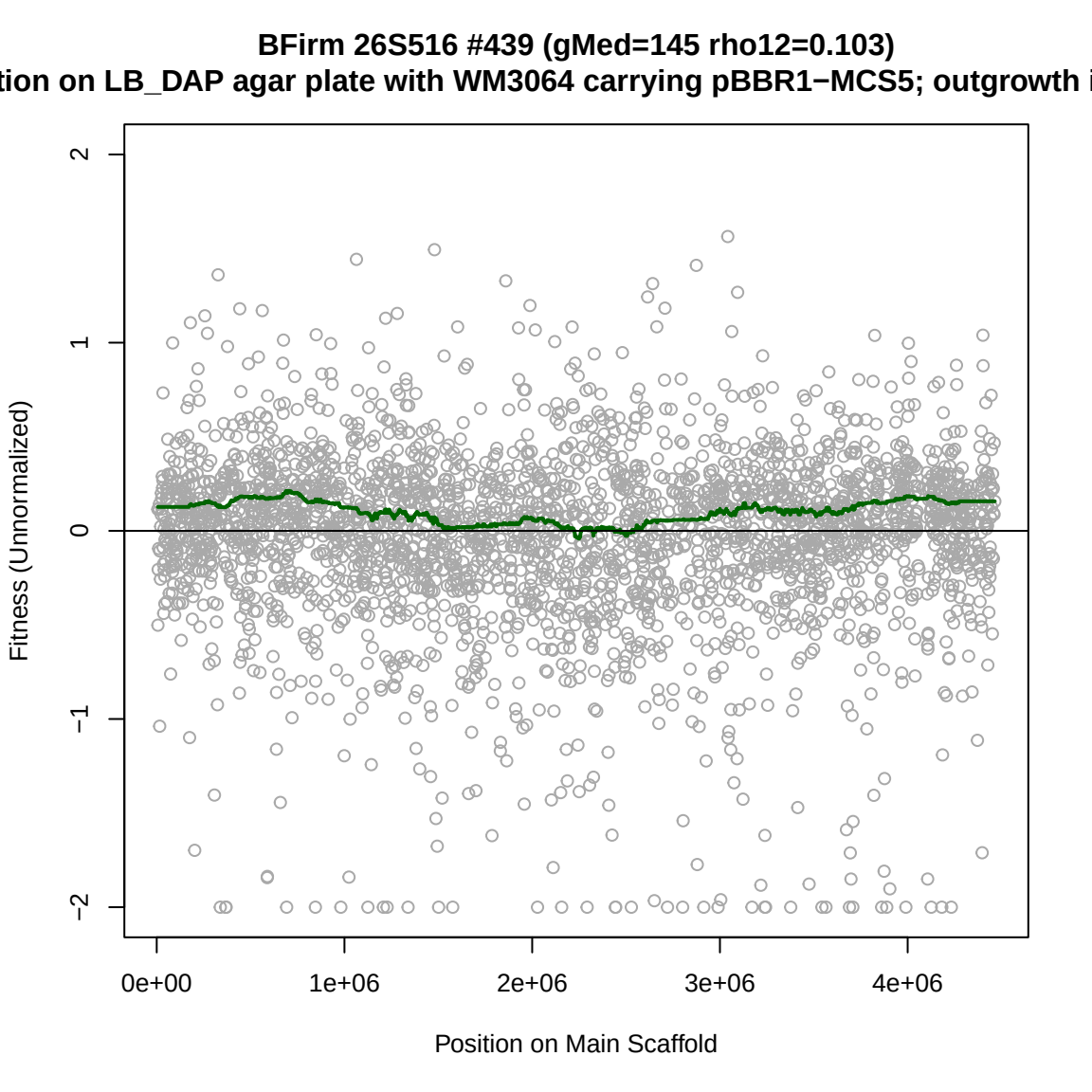

BFirm 26S511 #434 (gMed=198 rho12=0.104)
LB_DAP agar plate, outgrowth in LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

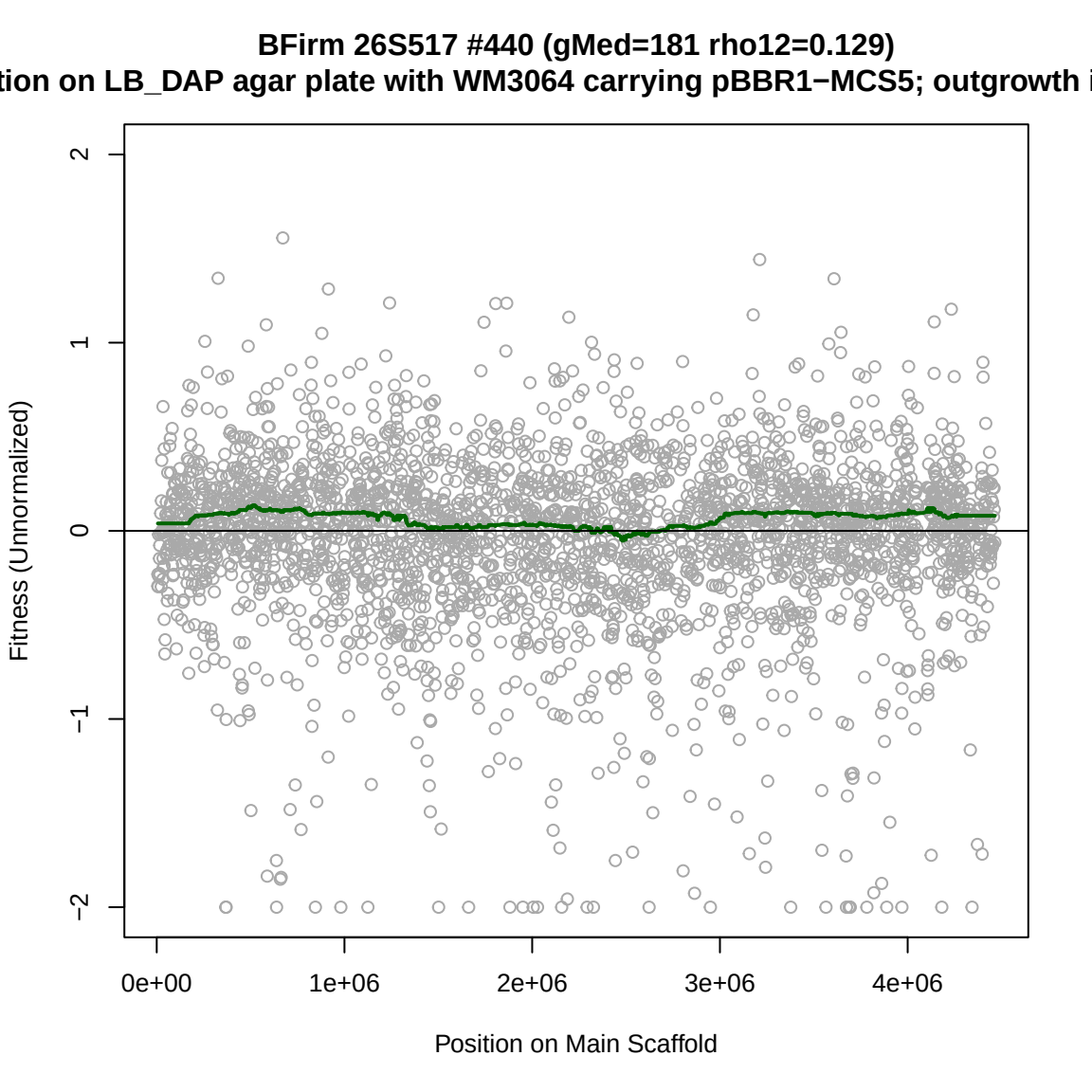

BFirm 26S512 #435 (gMed=165 rho12=0.114)
LB_DAP agar plate, outgrowth in LB_gent
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

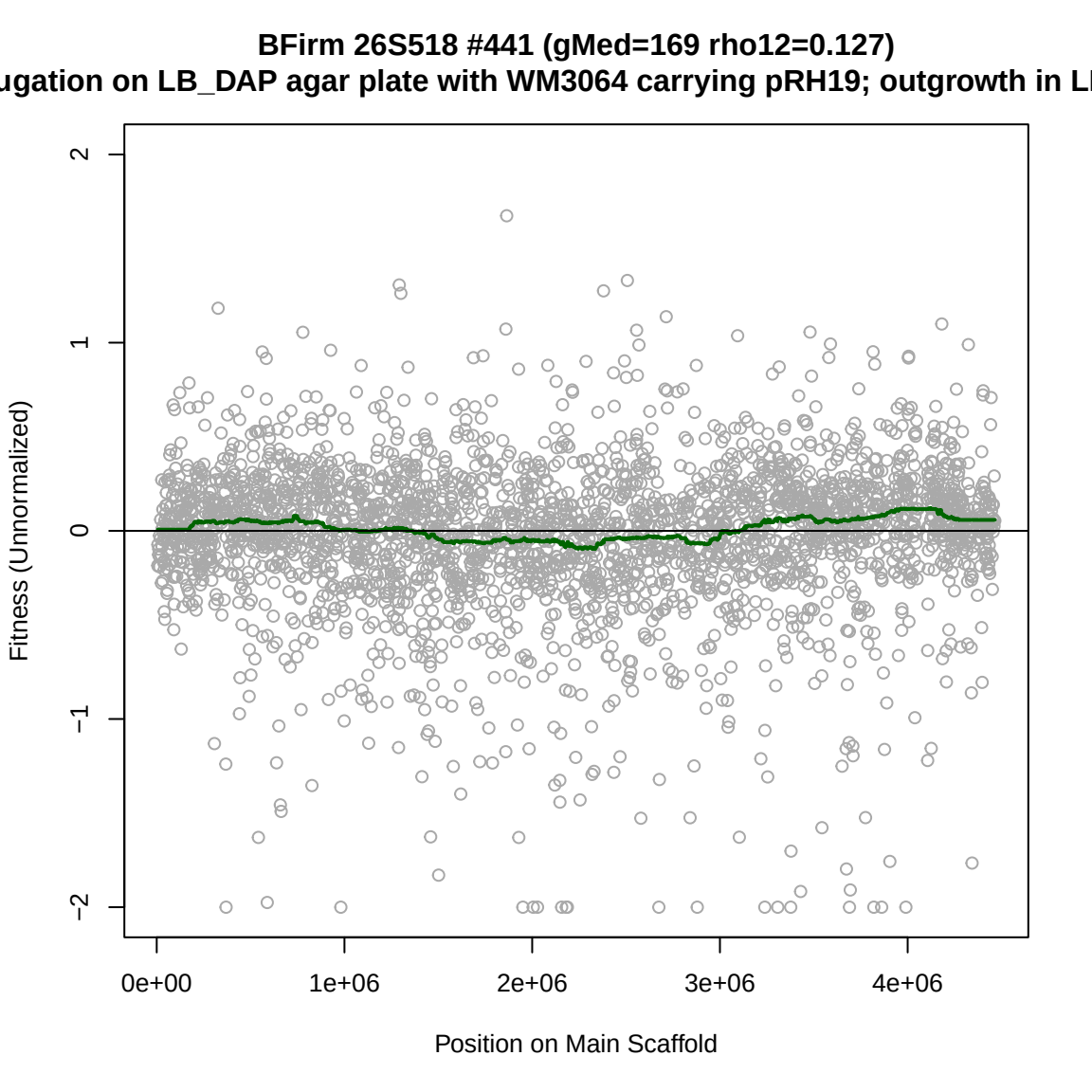

BFirm 26S513 #436 (gMed=232 rho12=0.130)
LB_DAP agar plate, outgrowth in LB_gent
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

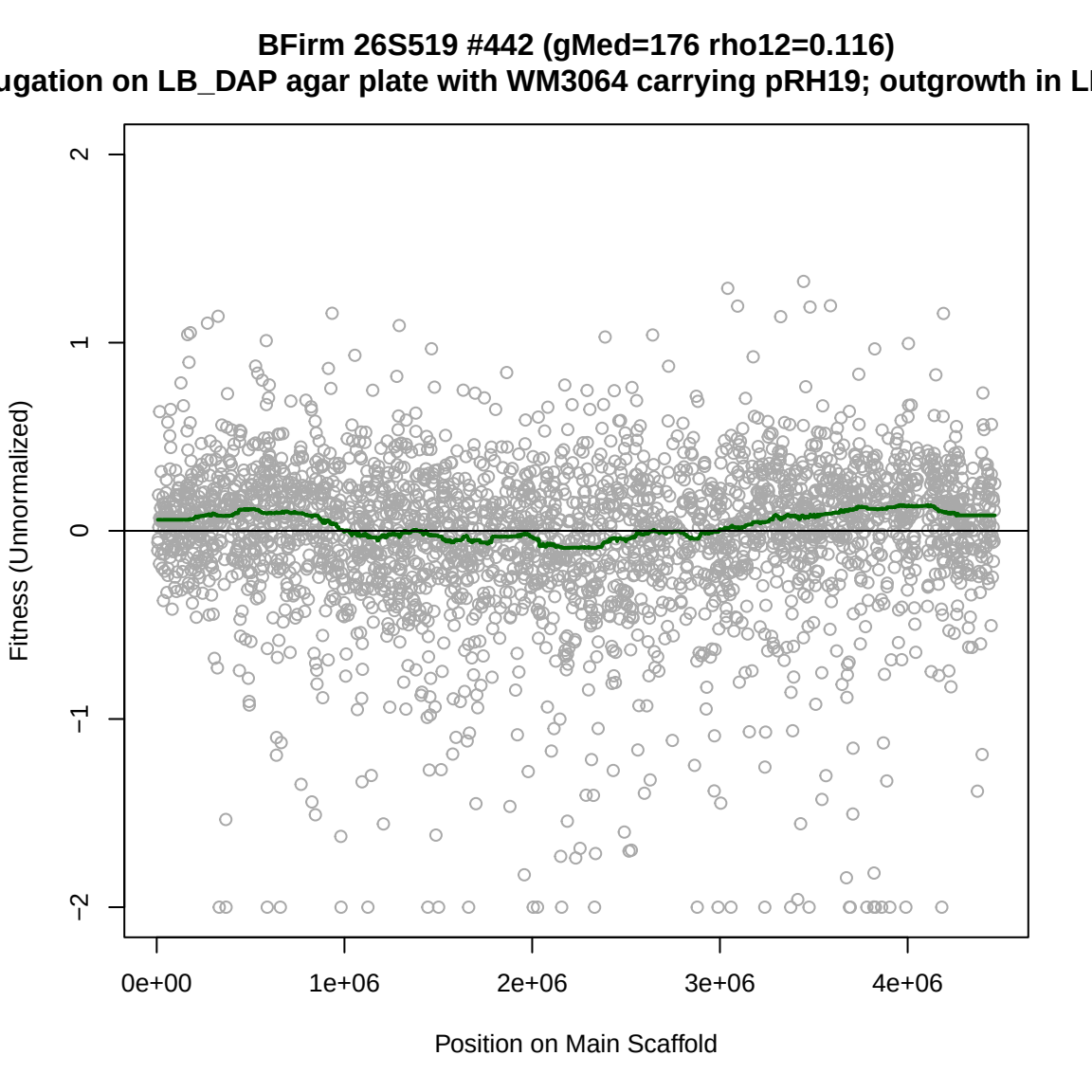

BFirm 26S514 #437 (gMed=223 rho12=0.054)
LB_DAP agar plate conjugation with WM3064, outgrowth in LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

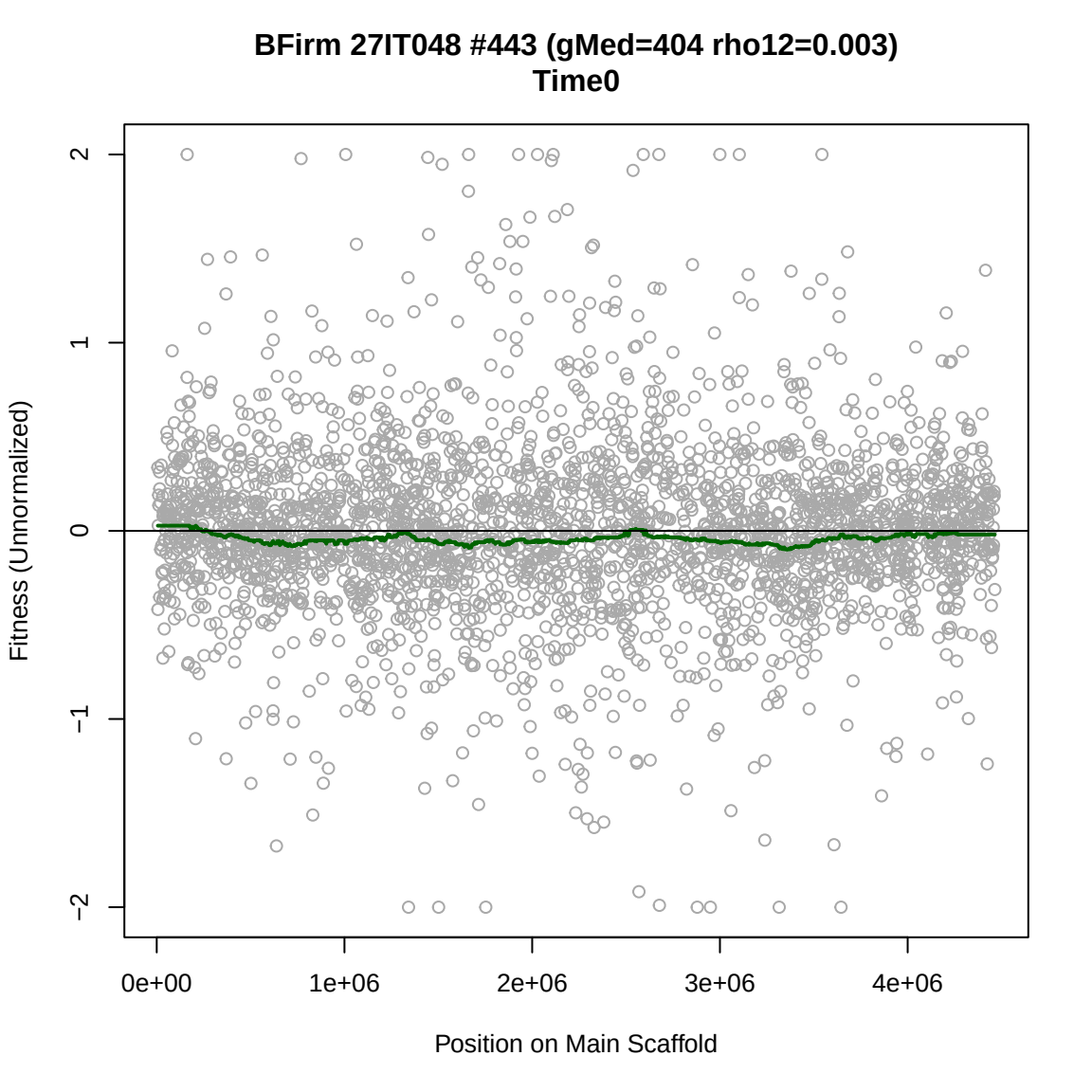

BFirm 26S515 #438 (gMed=202 rho12=0.045)
LB_DAP agar plate conjugation with WM3064, outgrowth in LB
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

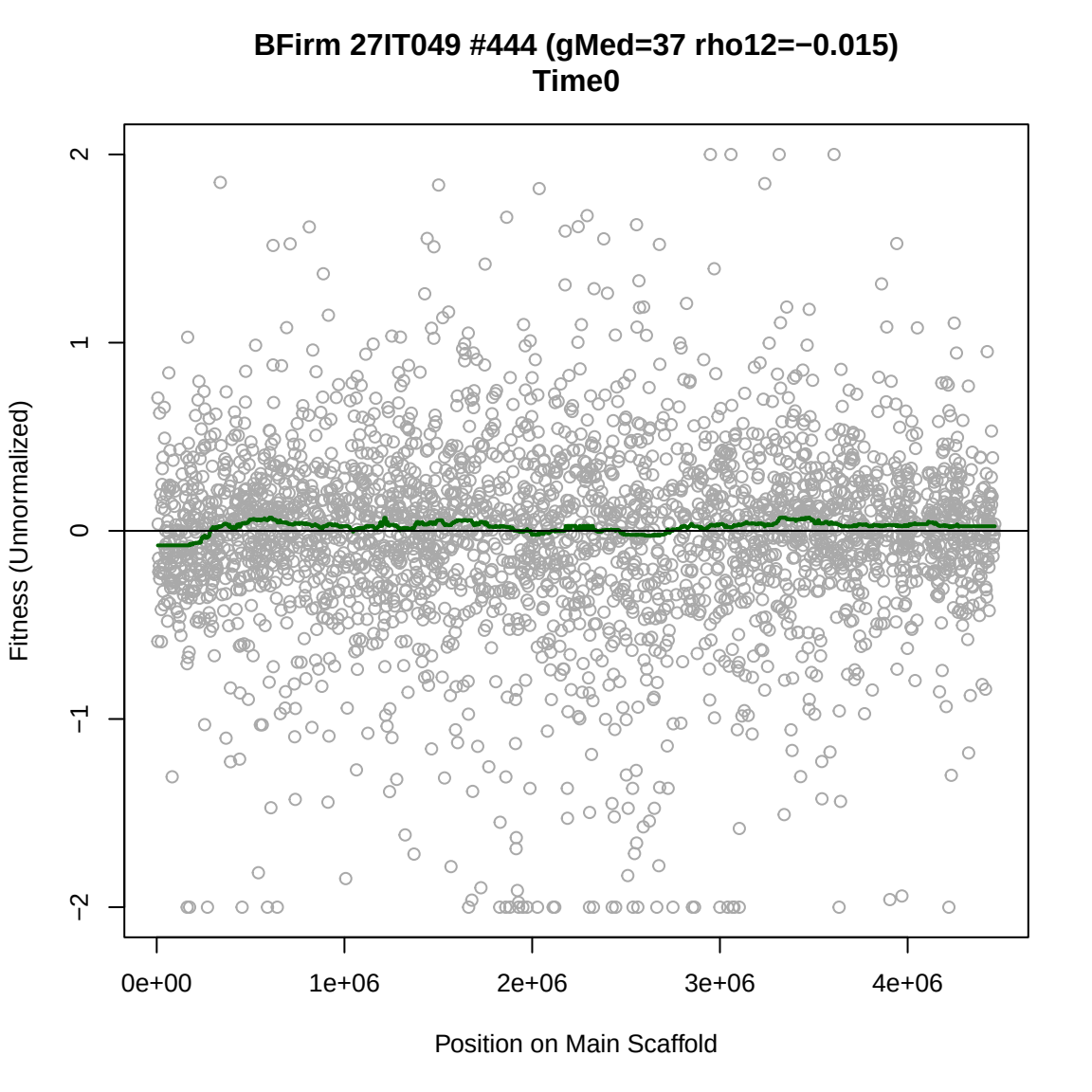

BFirm 26S516 #439 (gMed=145 rho12=0.103)
tion on LB_DAP agar plate with WM3064 carrying pBBR1−MCS5; outgrowth i
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

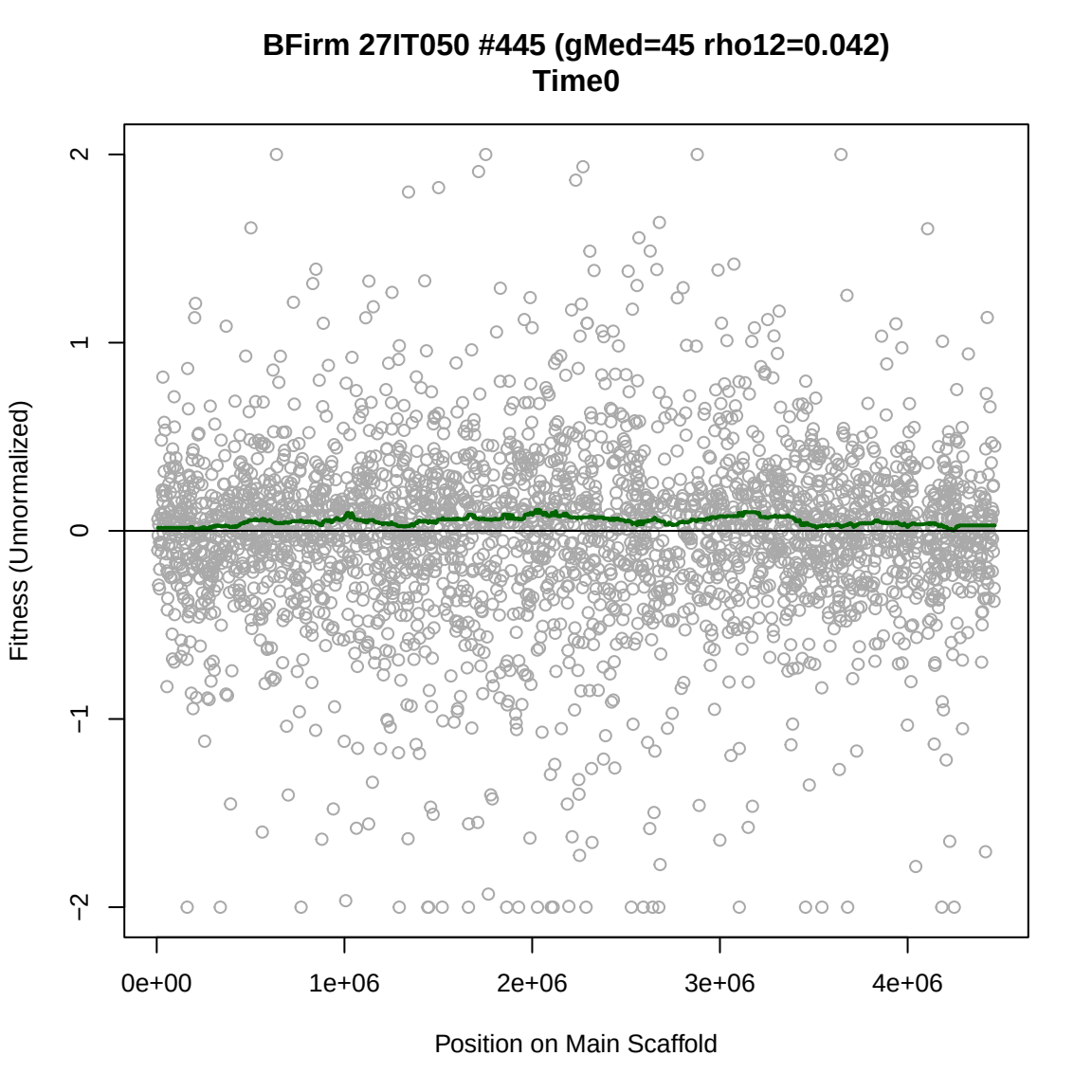

BFirm 26S517 #440 (gMed=181 rho12=0.129)
tion on LB_DAP agar plate with WM3064 carrying pBBR1−MCS5; outgrowth i
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

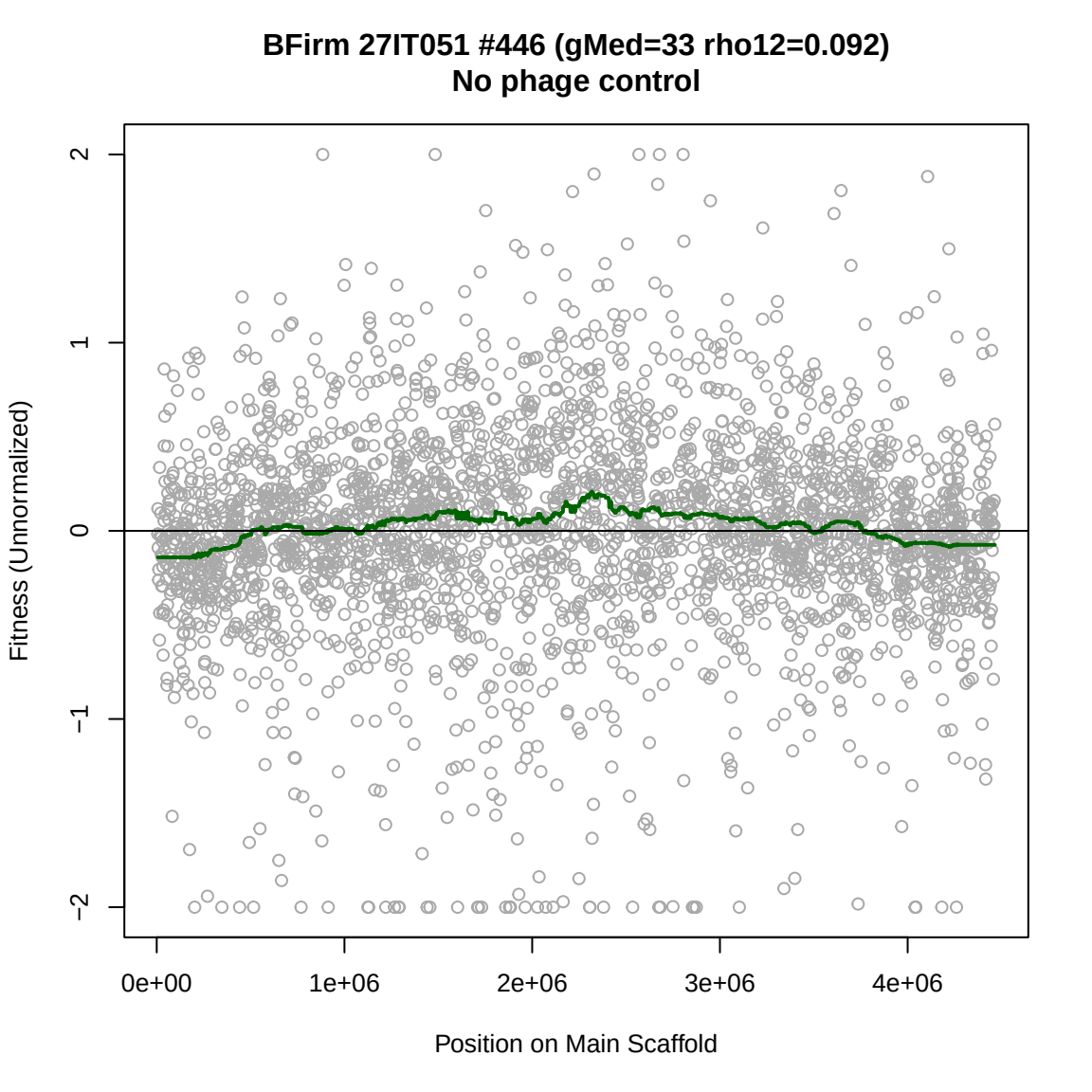

BFirm 26S518 #441 (gMed=169 rho12=0.127)
ugation on LB_DAP agar plate with WM3064 carrying pRH19; outgrowth in L
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

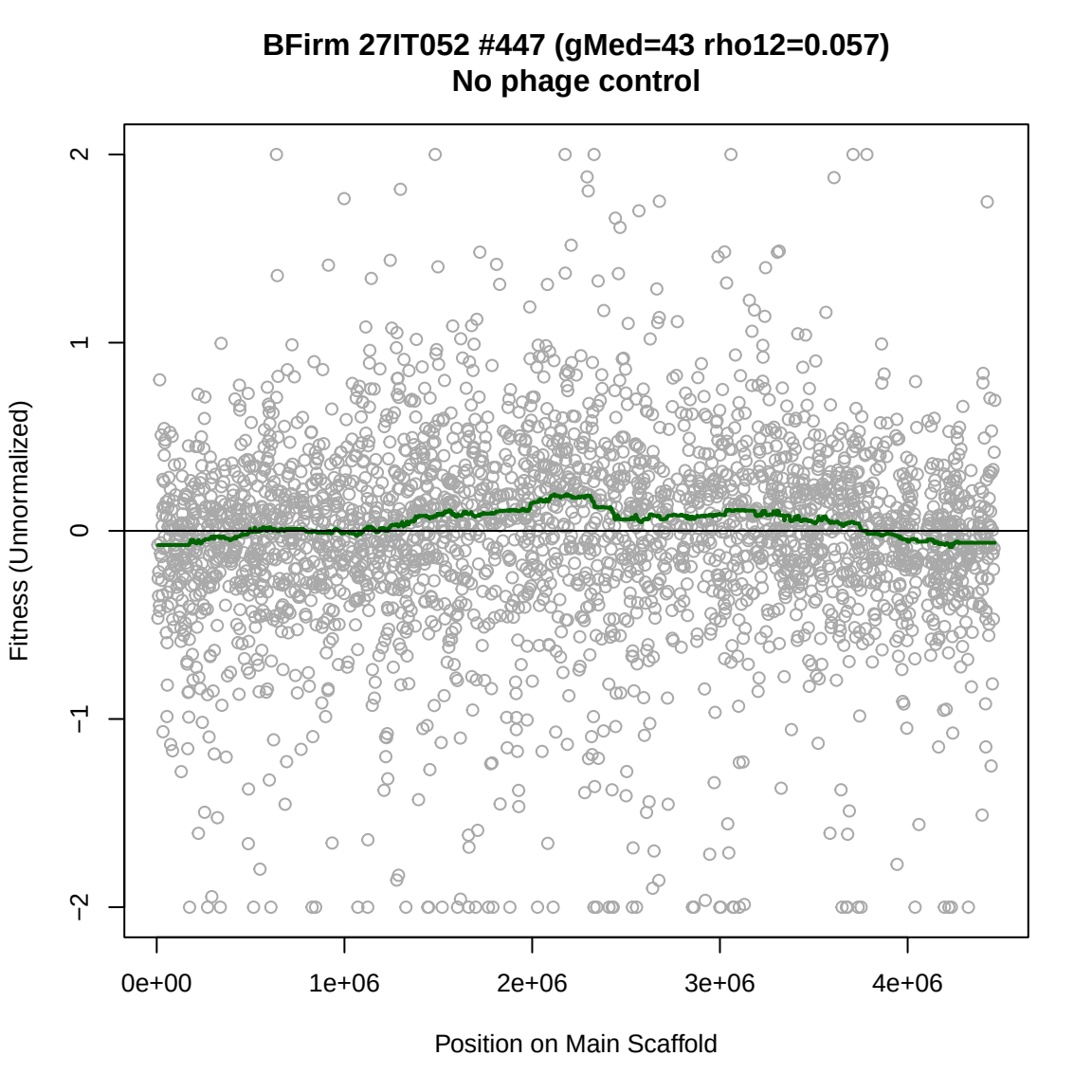

BFirm 26S519 #442 (gMed=176 rho12=0.116)
ugation on LB_DAP agar plate with WM3064 carrying pRH19; outgrowth in L
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

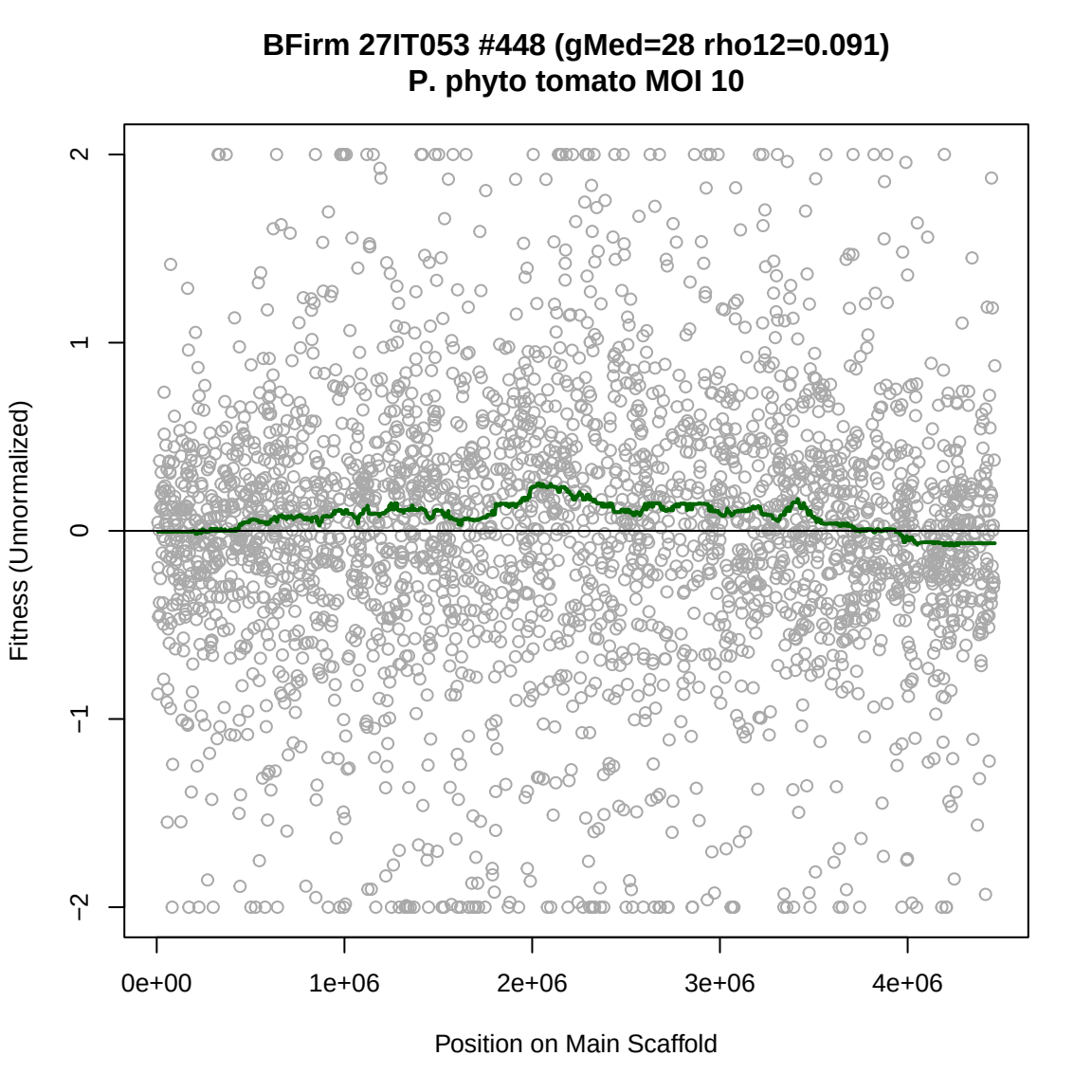

BFirm 27IT048 #443 (gMed=404 rho12=0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

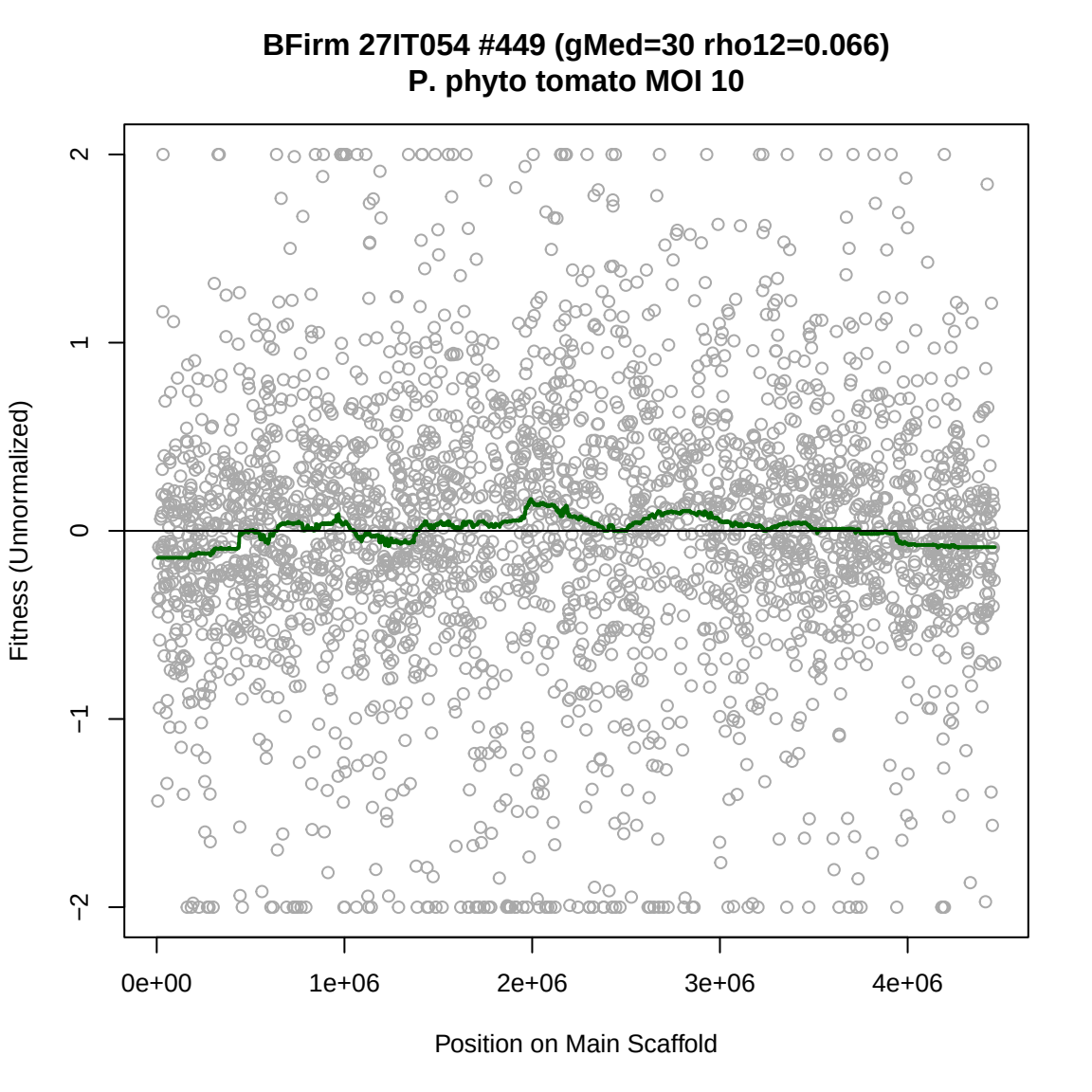

BFirm 27IT049 #444 (gMed=37 rho12=−0.015)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

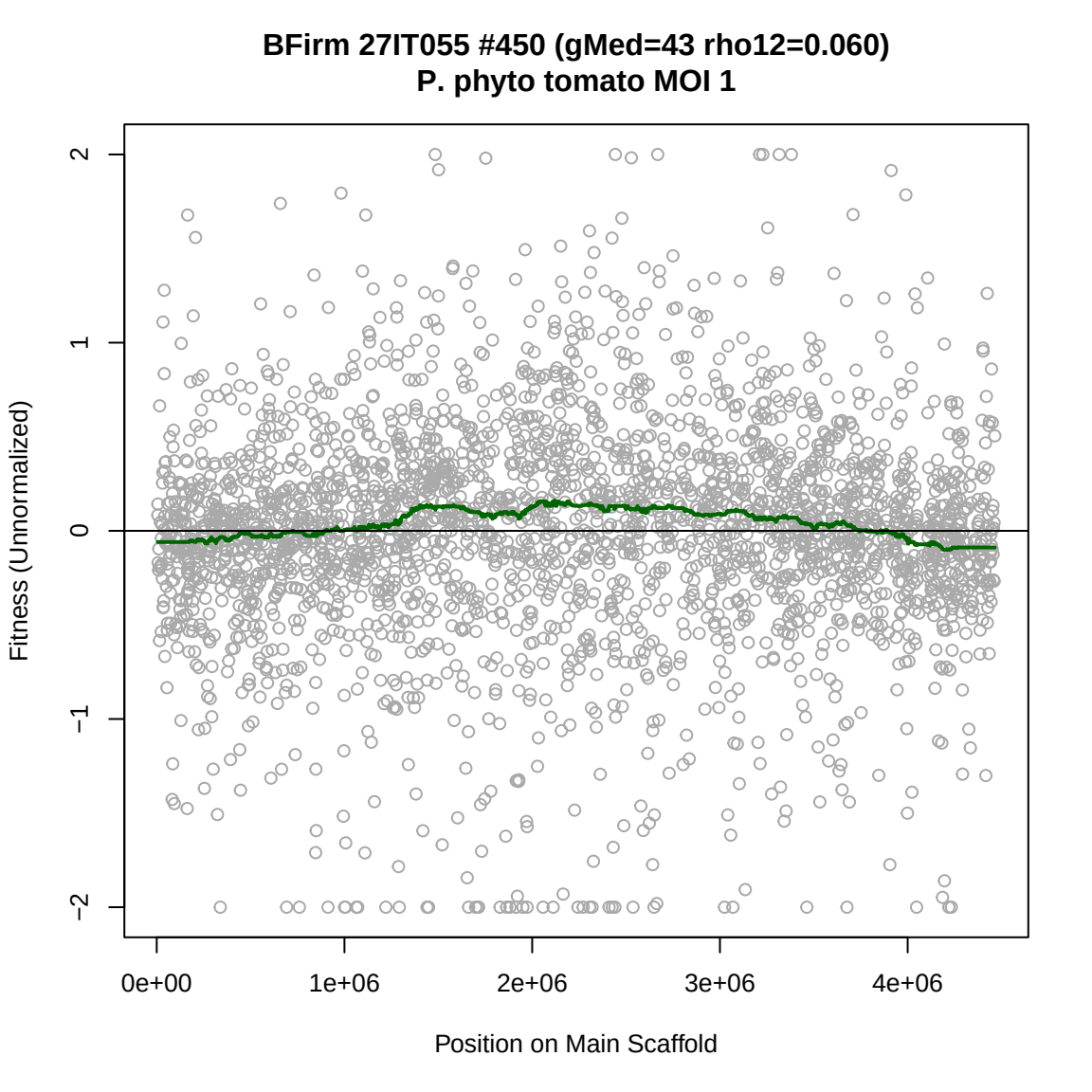

BFirm 27IT050 #445 (gMed=45 rho12=0.042)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

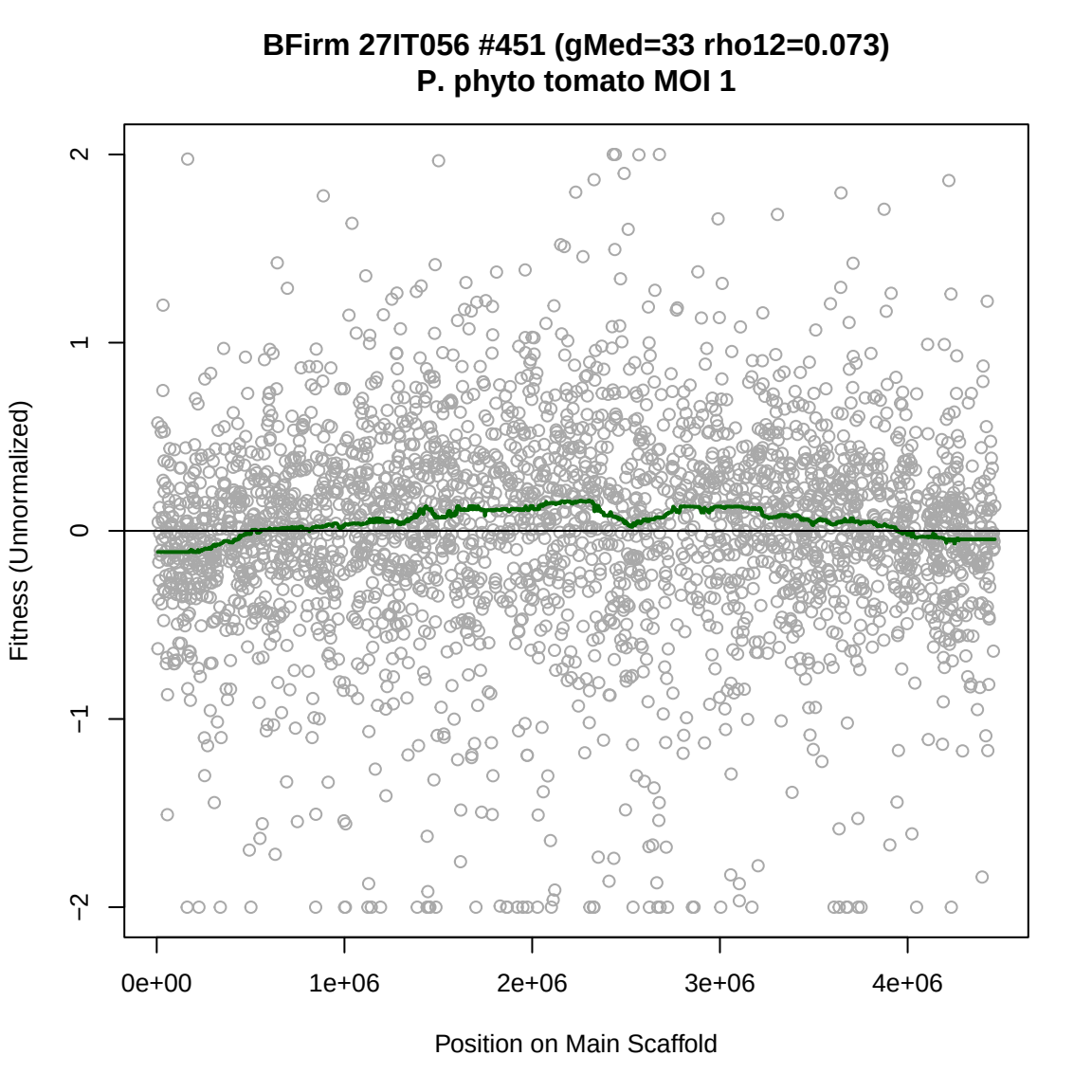

BFirm 27IT051 #446 (gMed=33 rho12=0.092)
No phage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

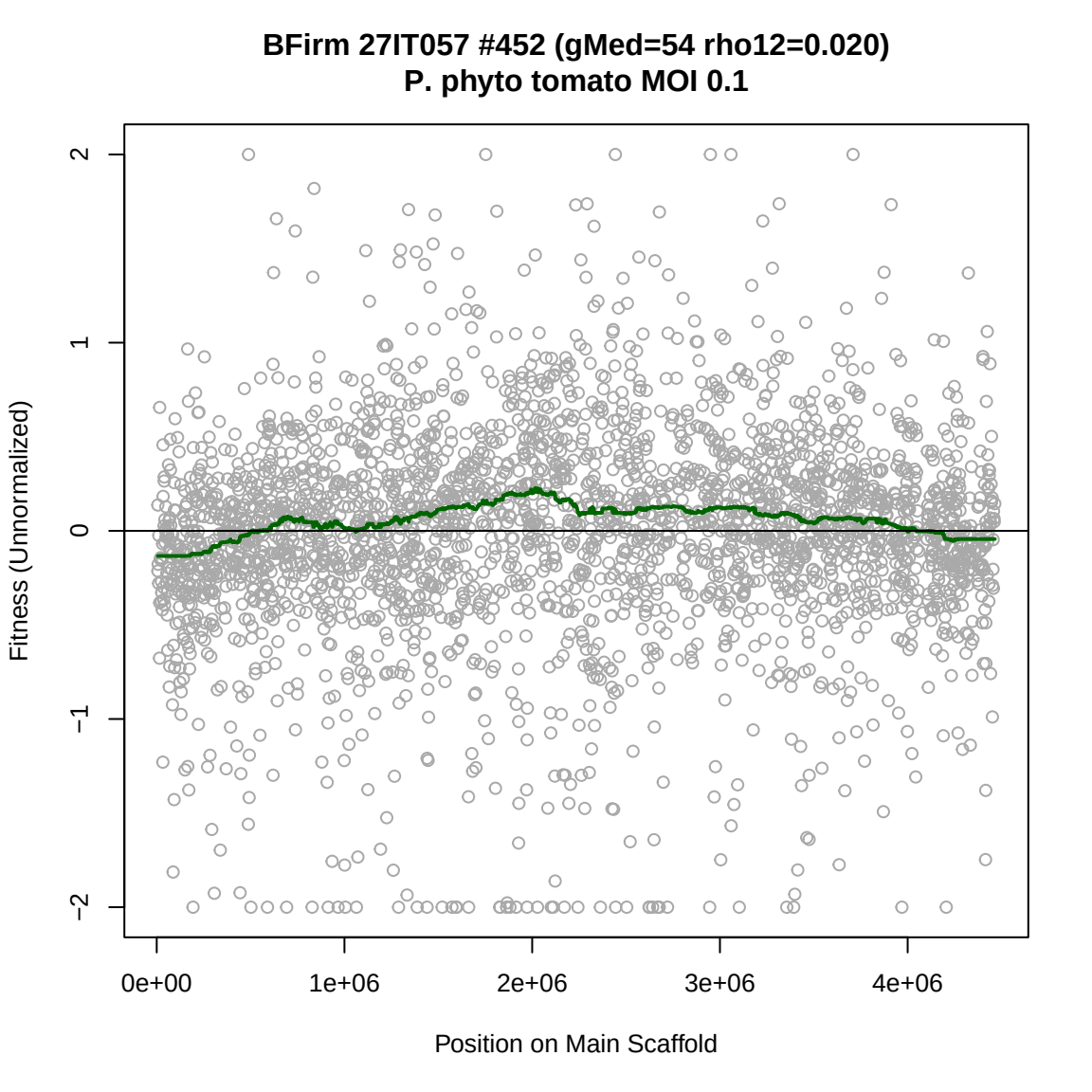

BFirm 27IT052 #447 (gMed=43 rho12=0.057)
No phage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

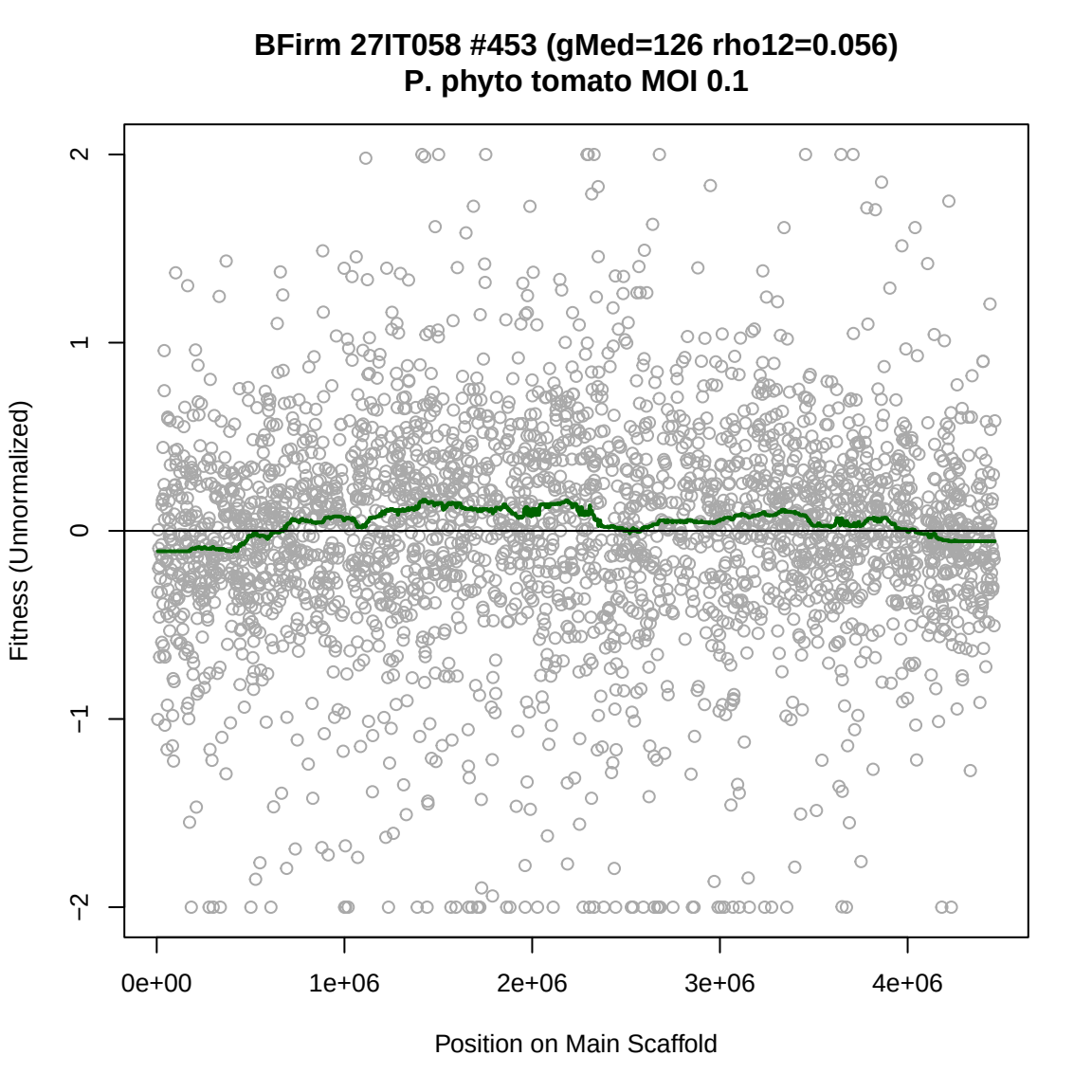

BFirm 27IT053 #448 (gMed=28 rho12=0.091)
P. phyto tomato MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

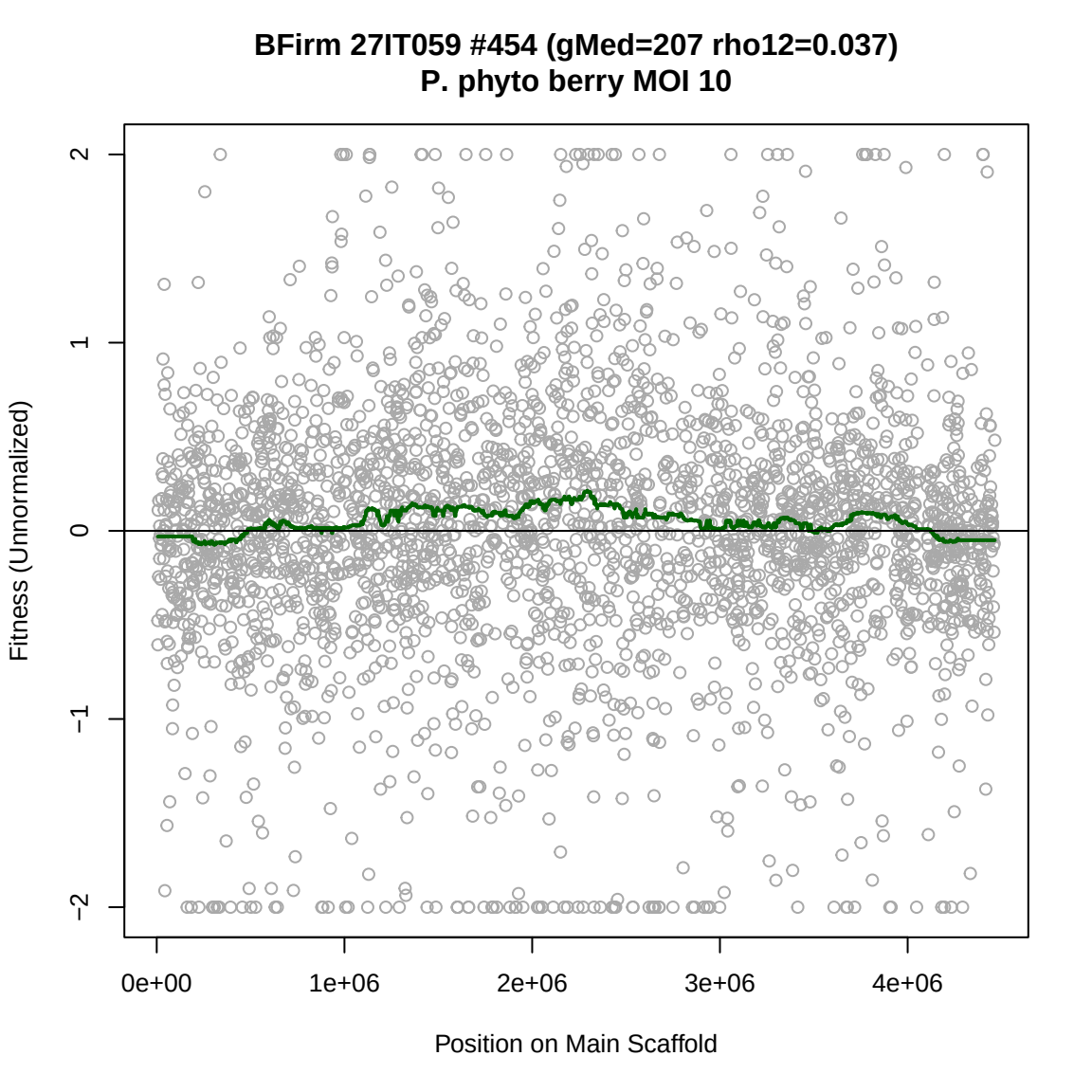

BFirm 27IT054 #449 (gMed=30 rho12=0.066)
P. phyto tomato MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

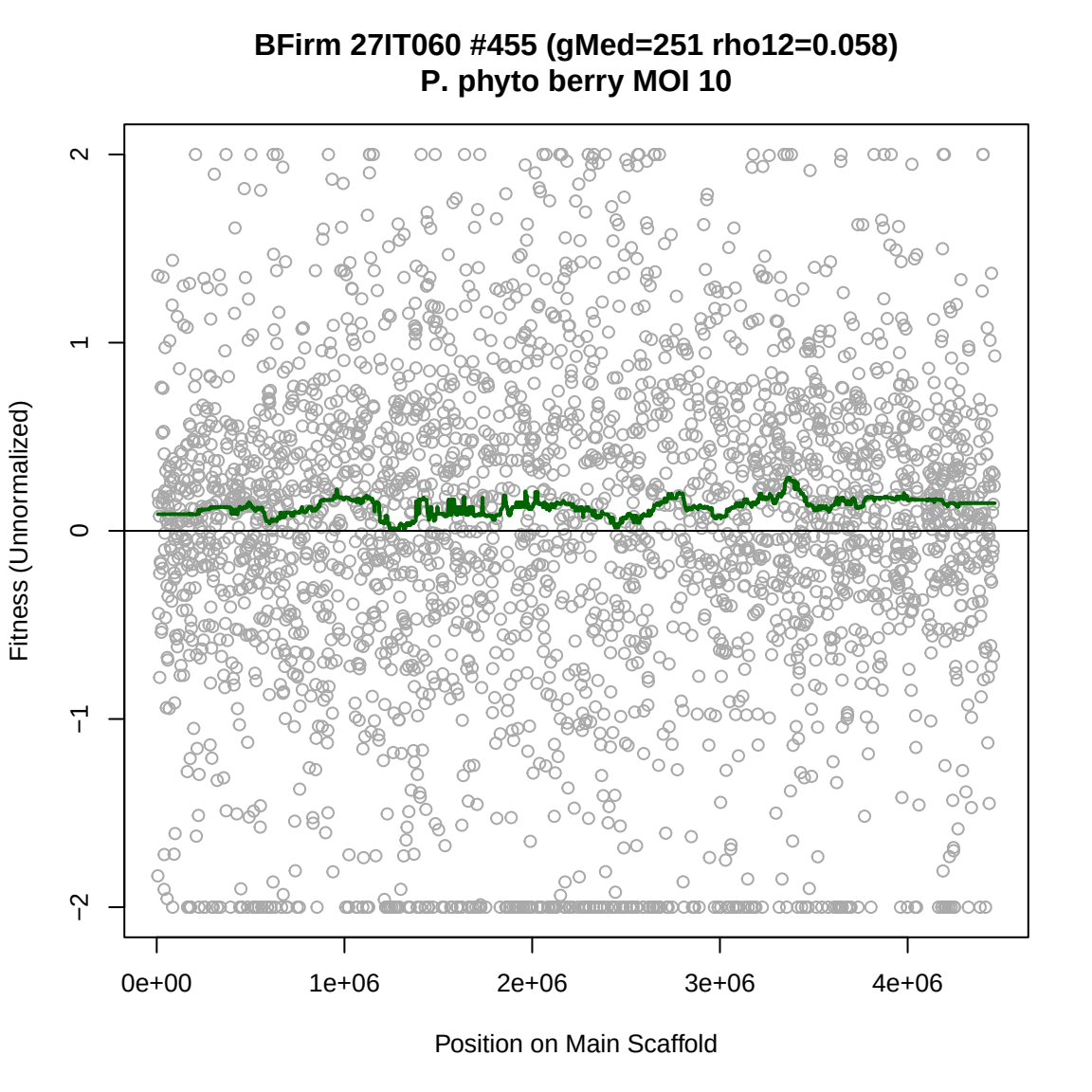

BFirm 27IT055 #450 (gMed=43 rho12=0.060)
P. phyto tomato MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

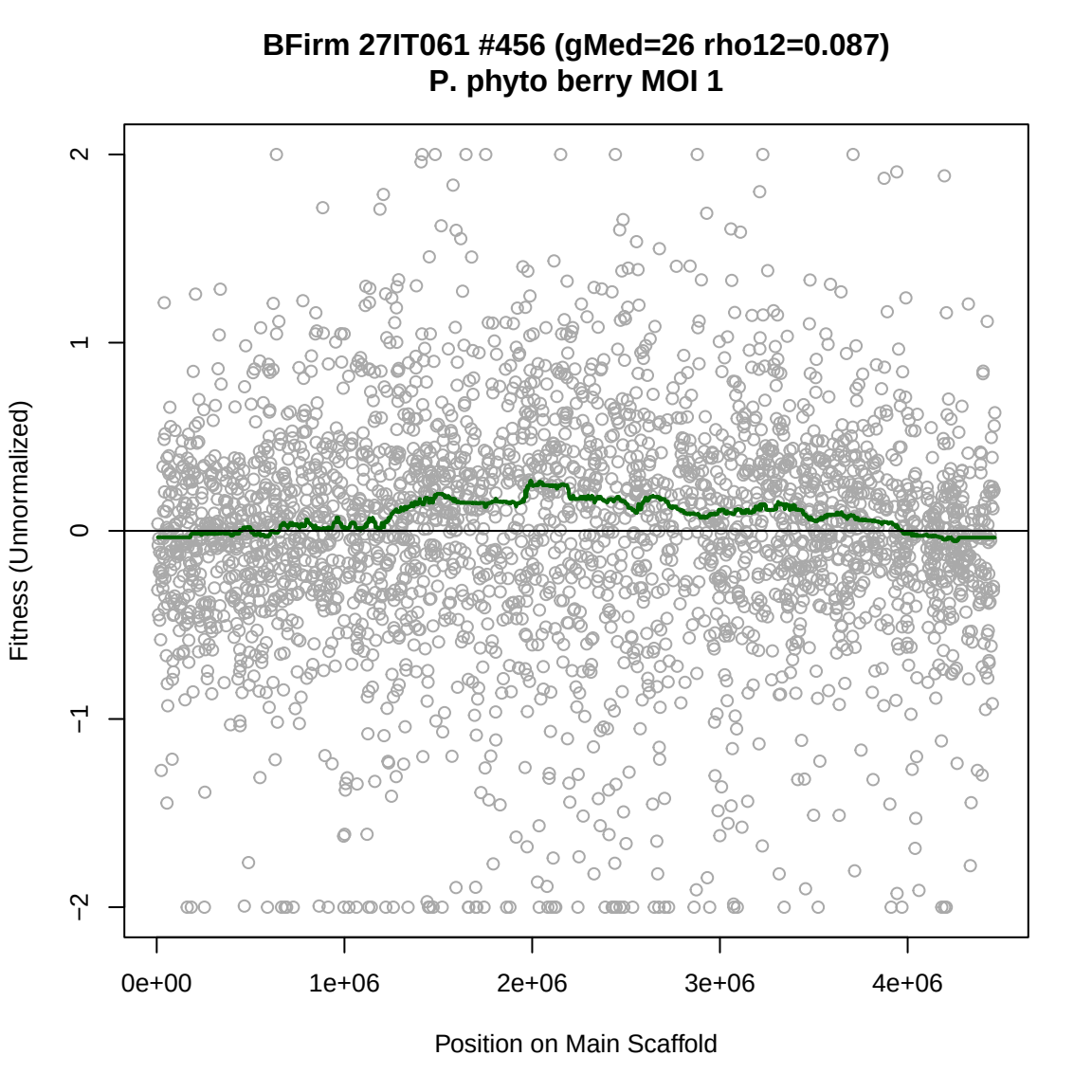

BFirm 27IT056 #451 (gMed=33 rho12=0.073)
P. phyto tomato MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

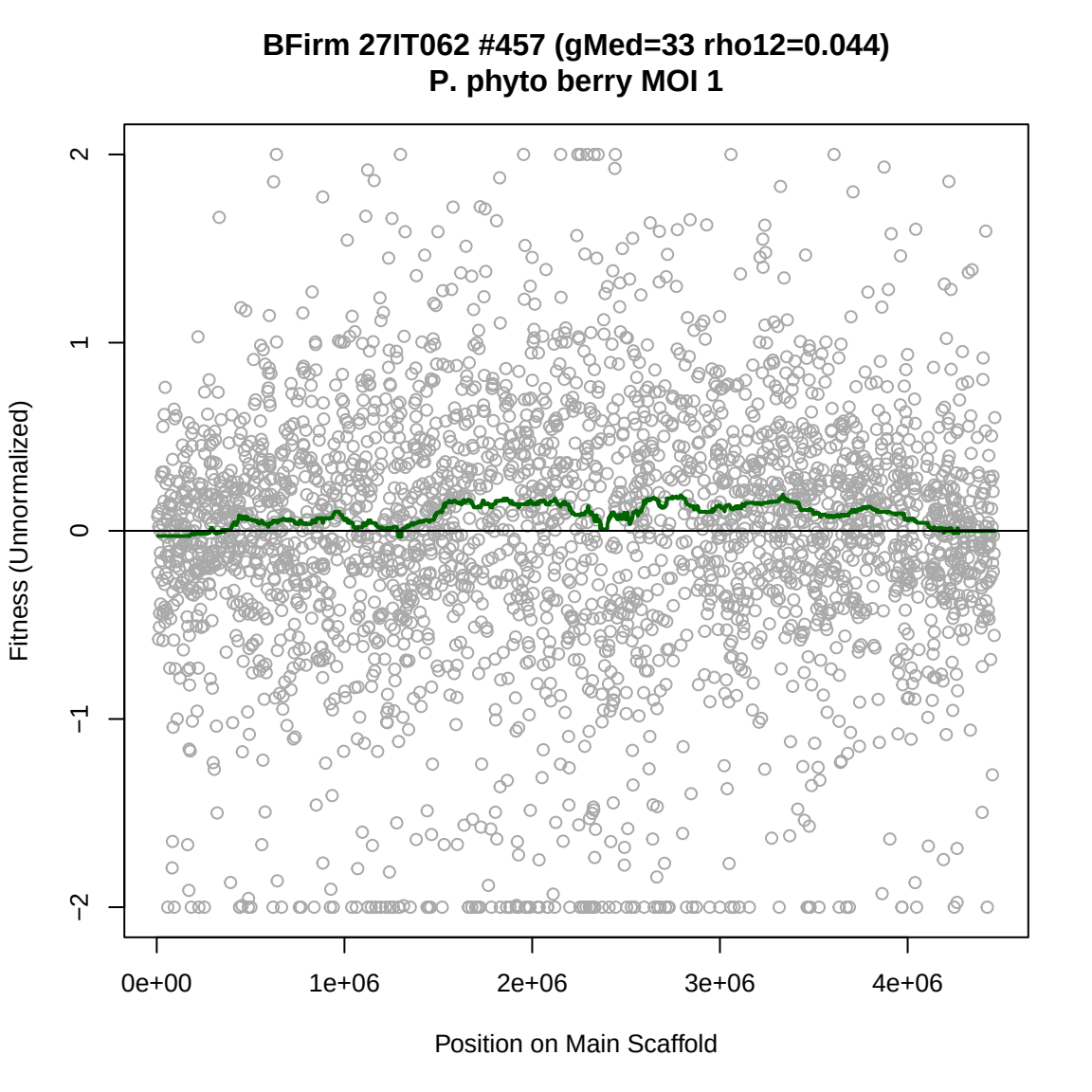

BFirm 27IT057 #452 (gMed=54 rho12=0.020)
P. phyto tomato MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

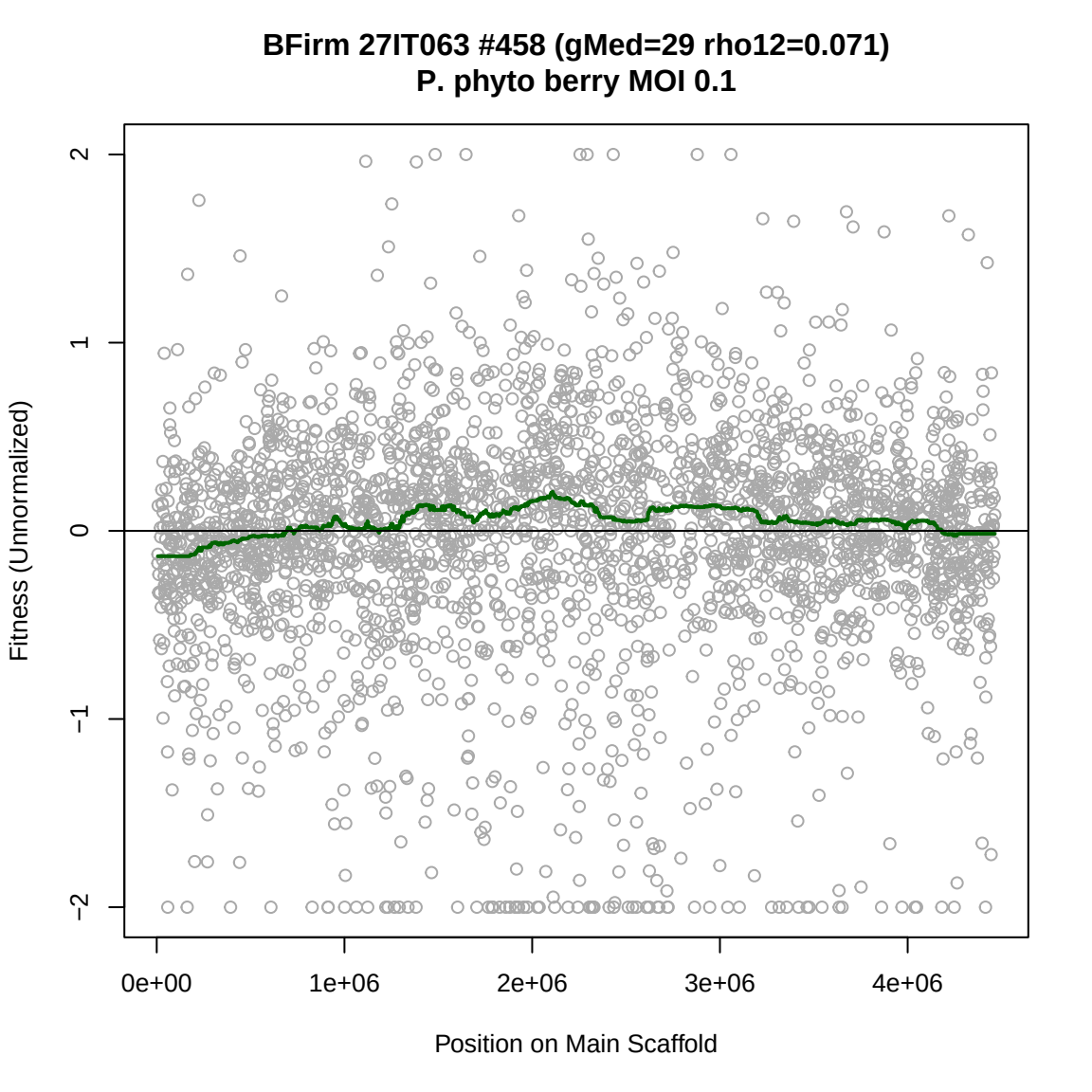

BFirm 27IT058 #453 (gMed=126 rho12=0.056)
P. phyto tomato MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

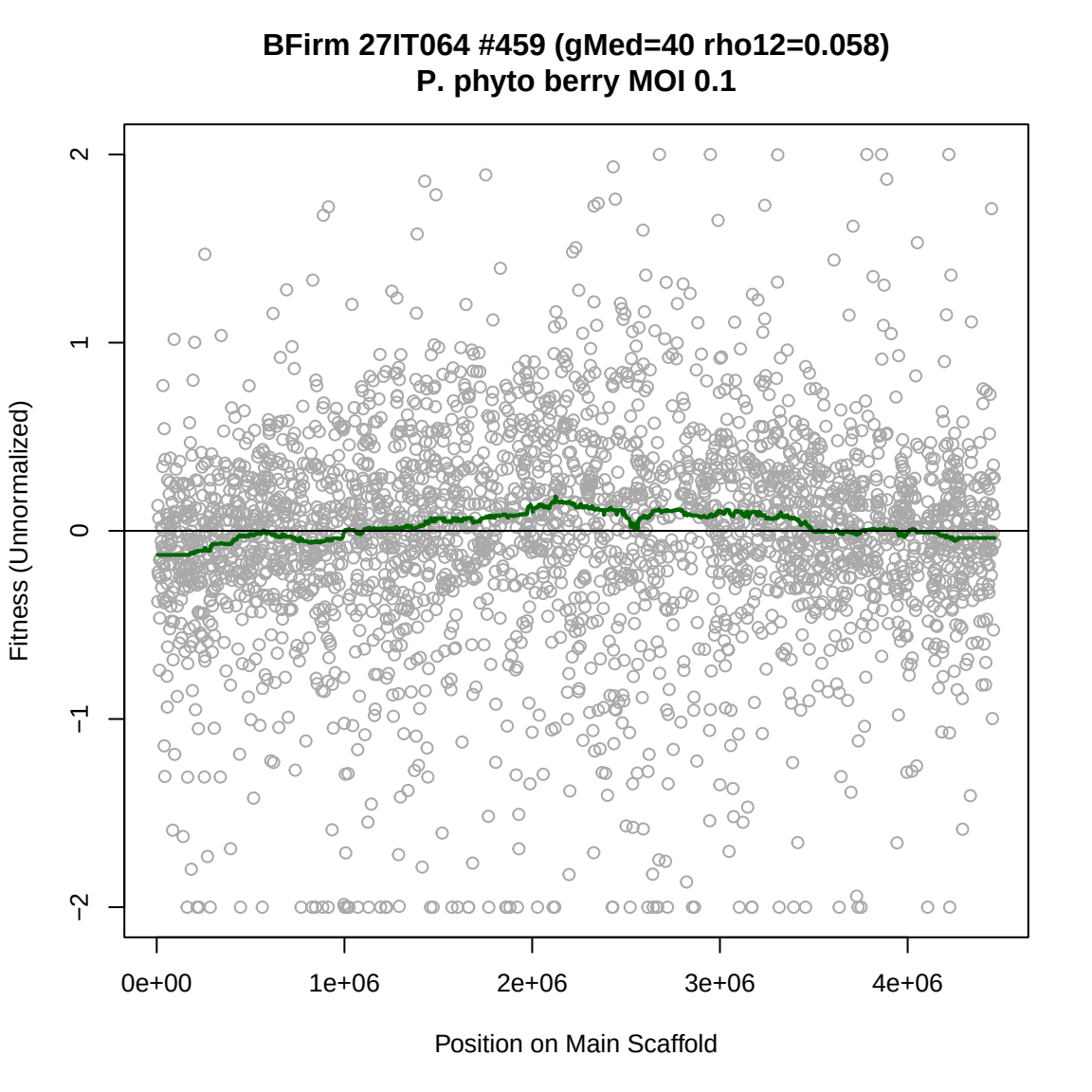

BFirm 27IT059 #454 (gMed=207 rho12=0.037)
P. phyto berry MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

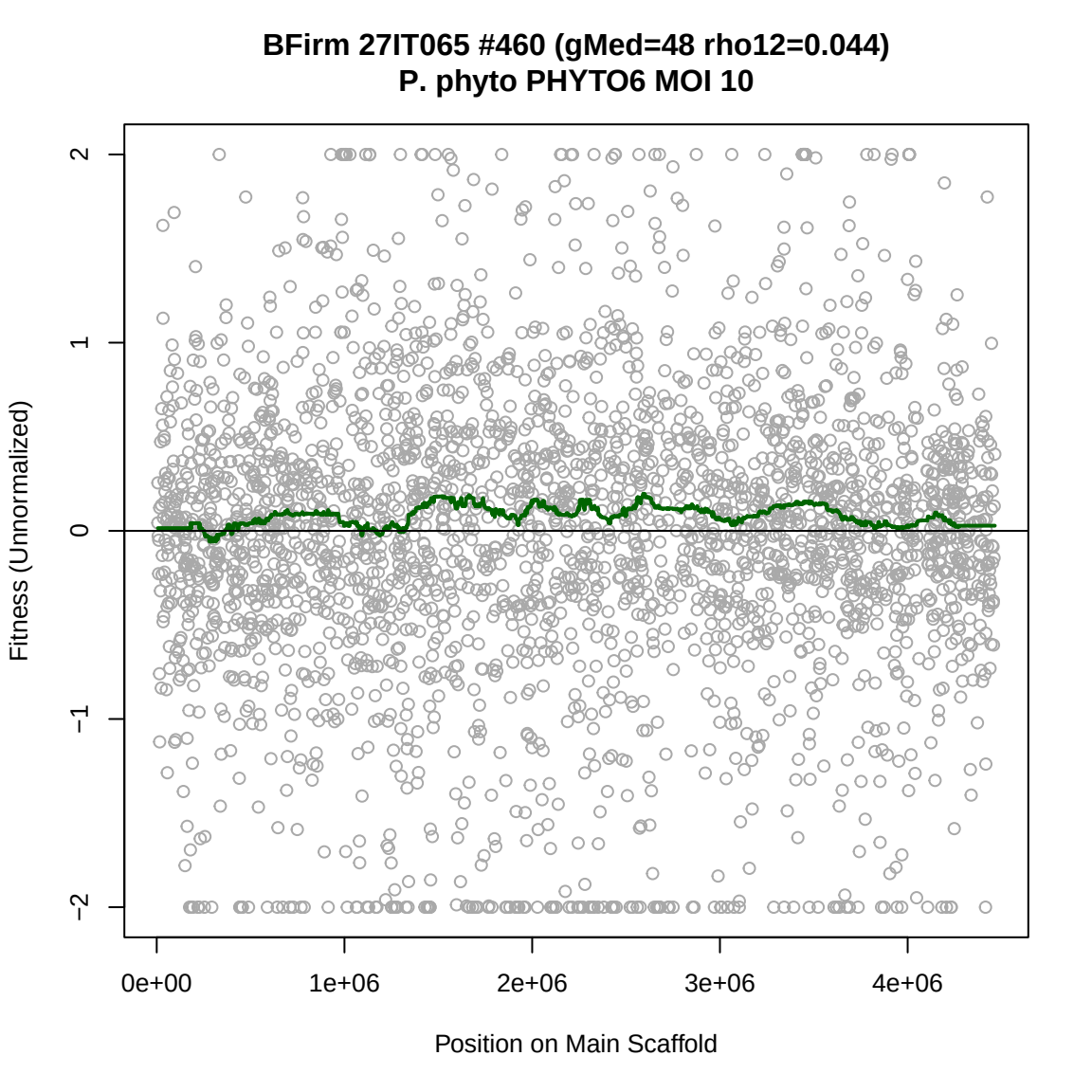

BFirm 27IT060 #455 (gMed=251 rho12=0.058)
P. phyto berry MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

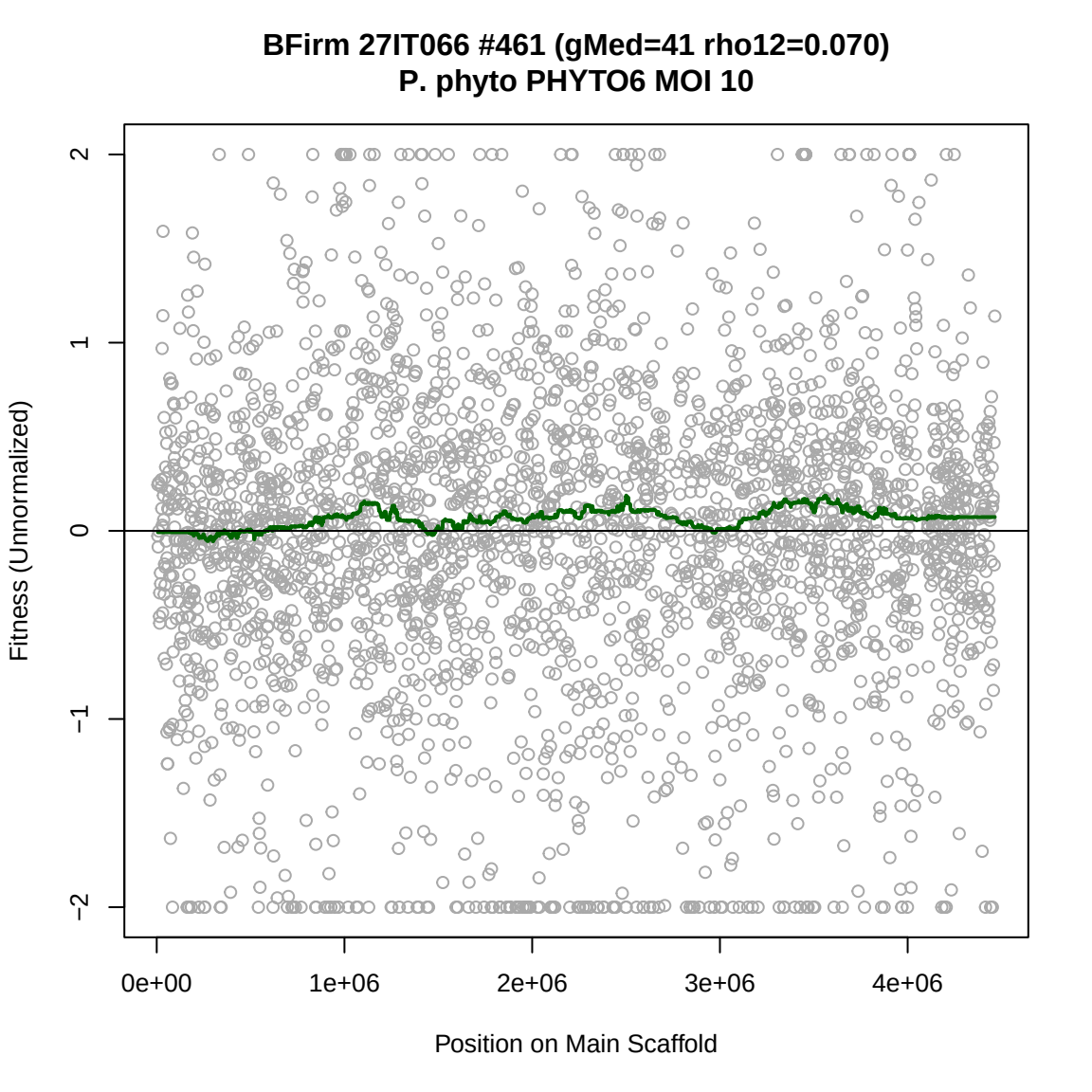

BFirm 27IT061 #456 (gMed=26 rho12=0.087)
P. phyto berry MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

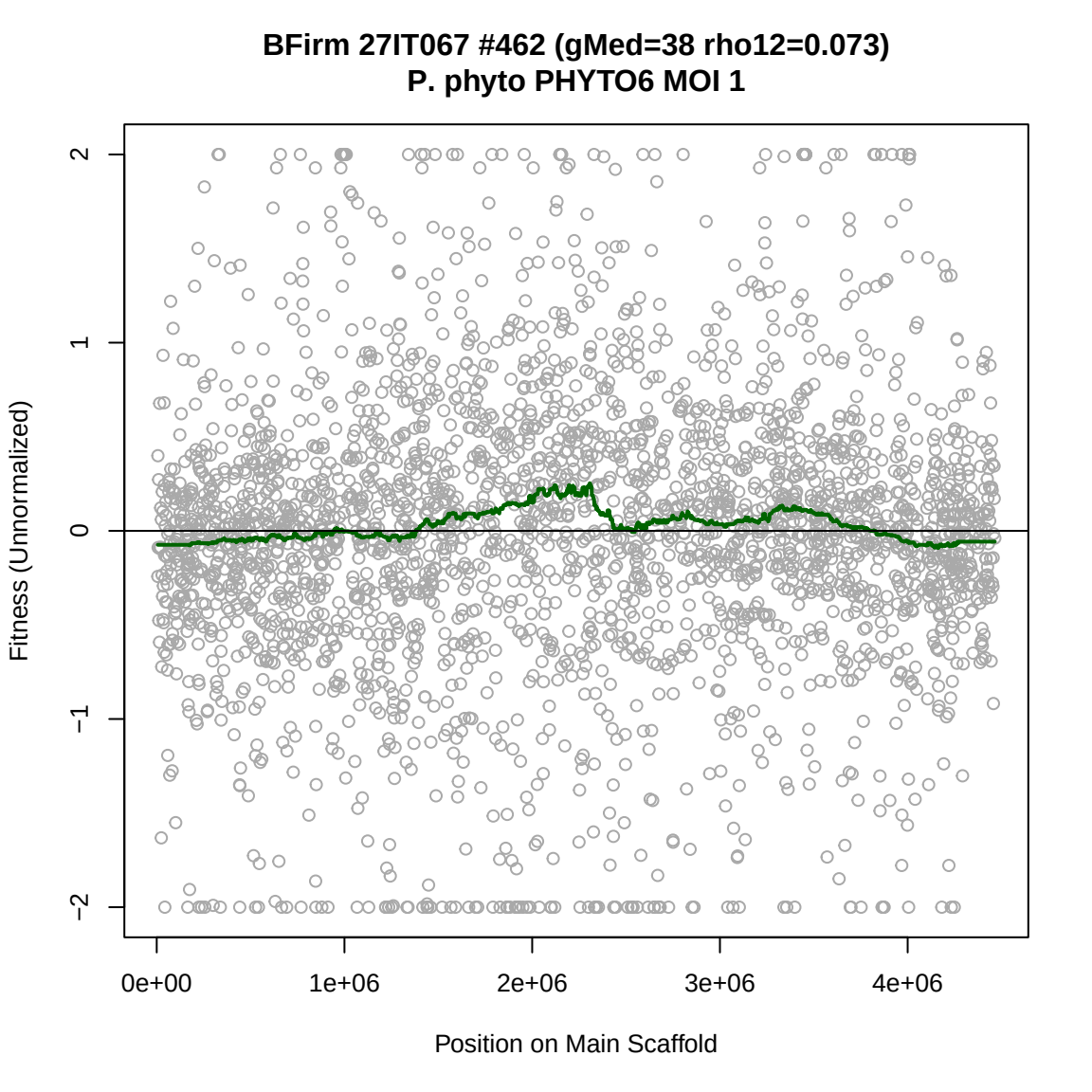

BFirm 27IT062 #457 (gMed=33 rho12=0.044)
P. phyto berry MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

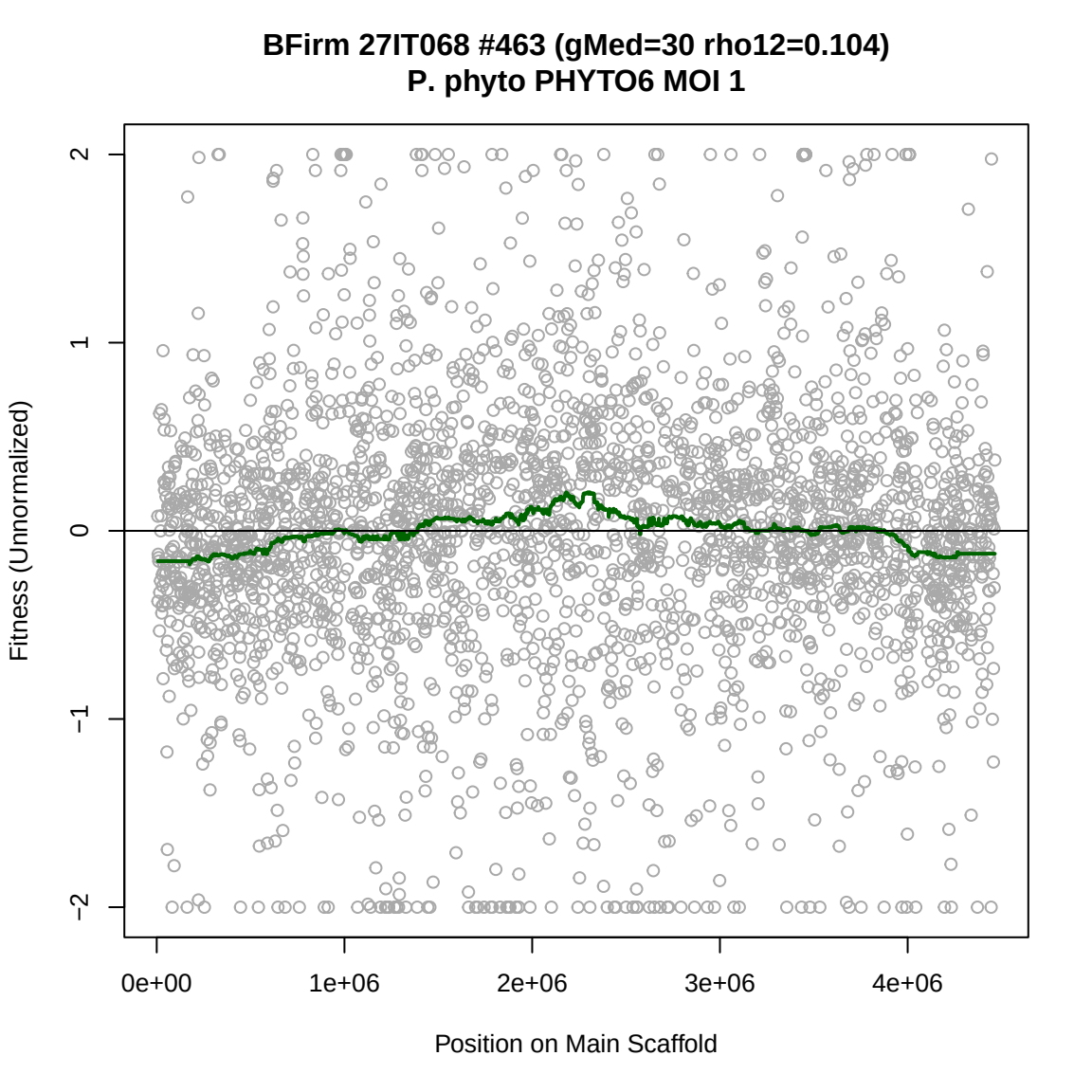

BFirm 27IT063 #458 (gMed=29 rho12=0.071)
P. phyto berry MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

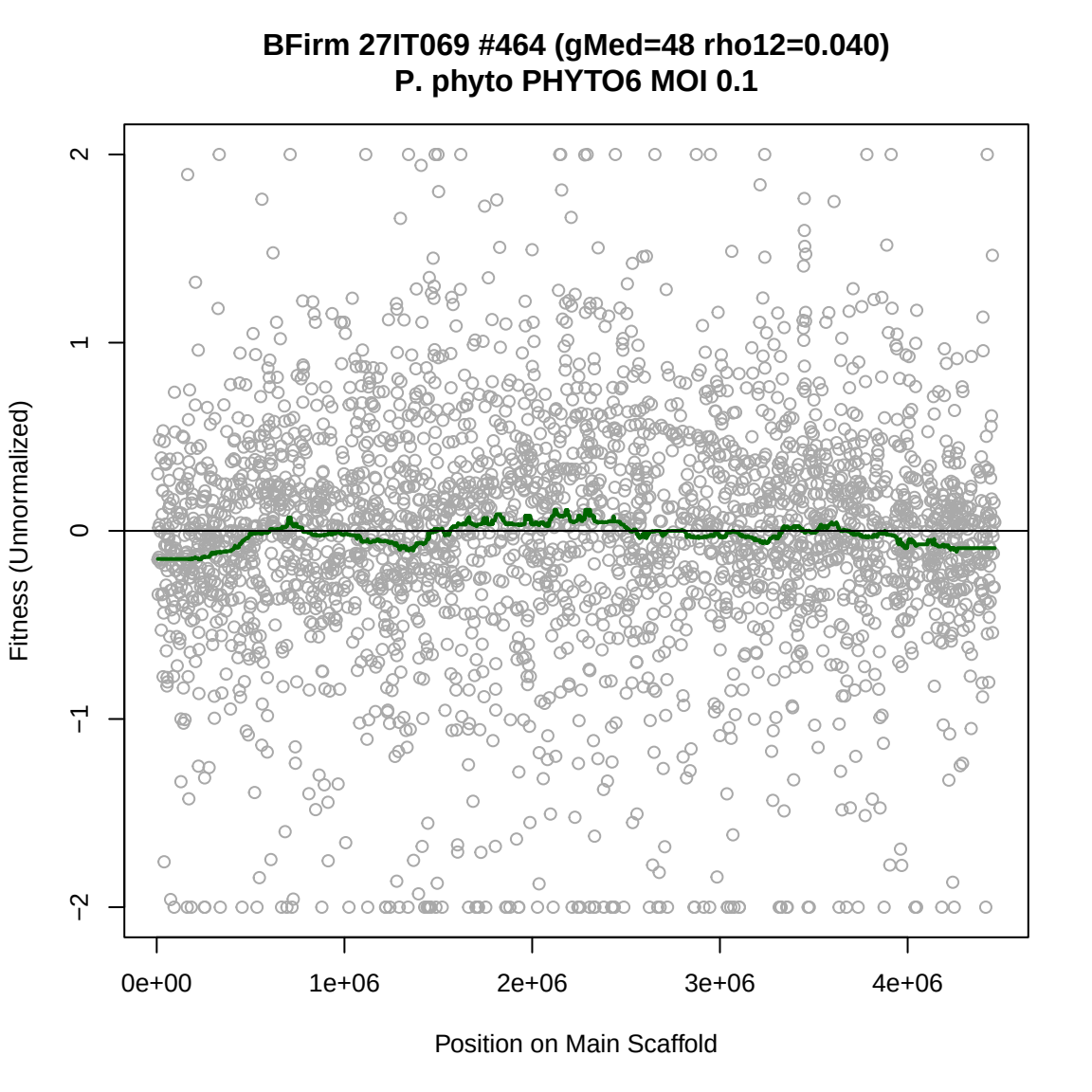

BFirm 27IT064 #459 (gMed=40 rho12=0.058)
P. phyto berry MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

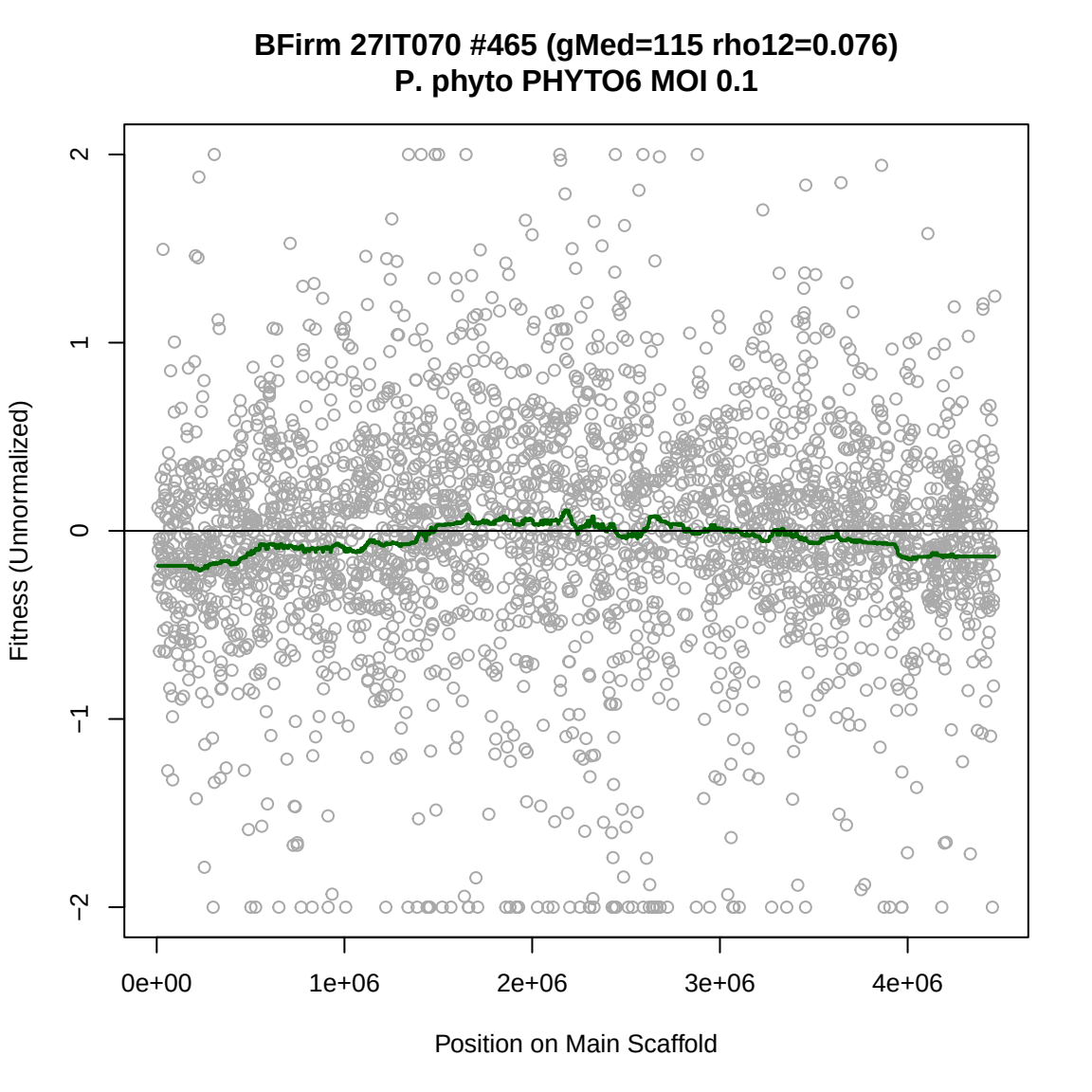

BFirm 27IT065 #460 (gMed=48 rho12=0.044)
P. phyto PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

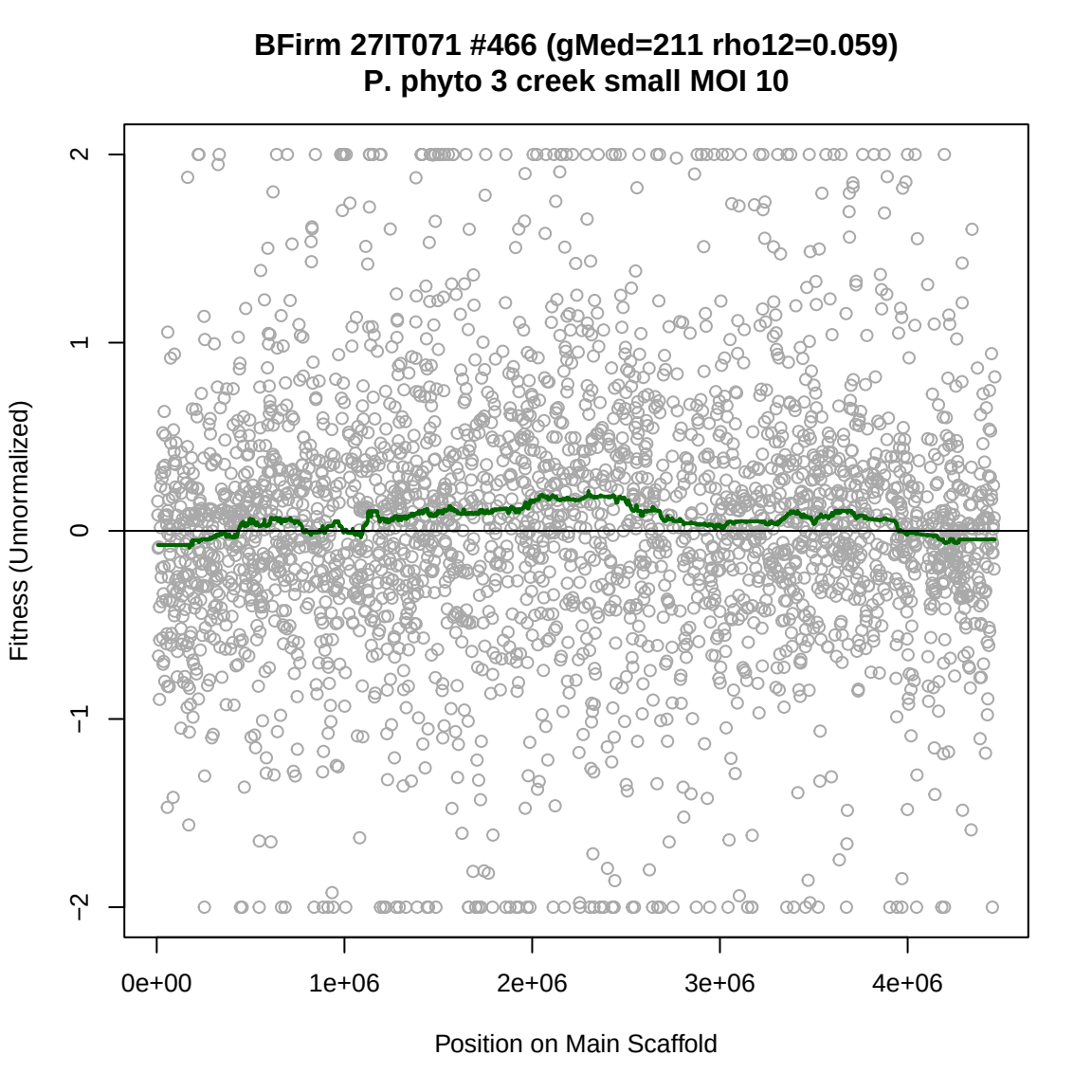

BFirm 27IT066 #461 (gMed=41 rho12=0.070)
P. phyto PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

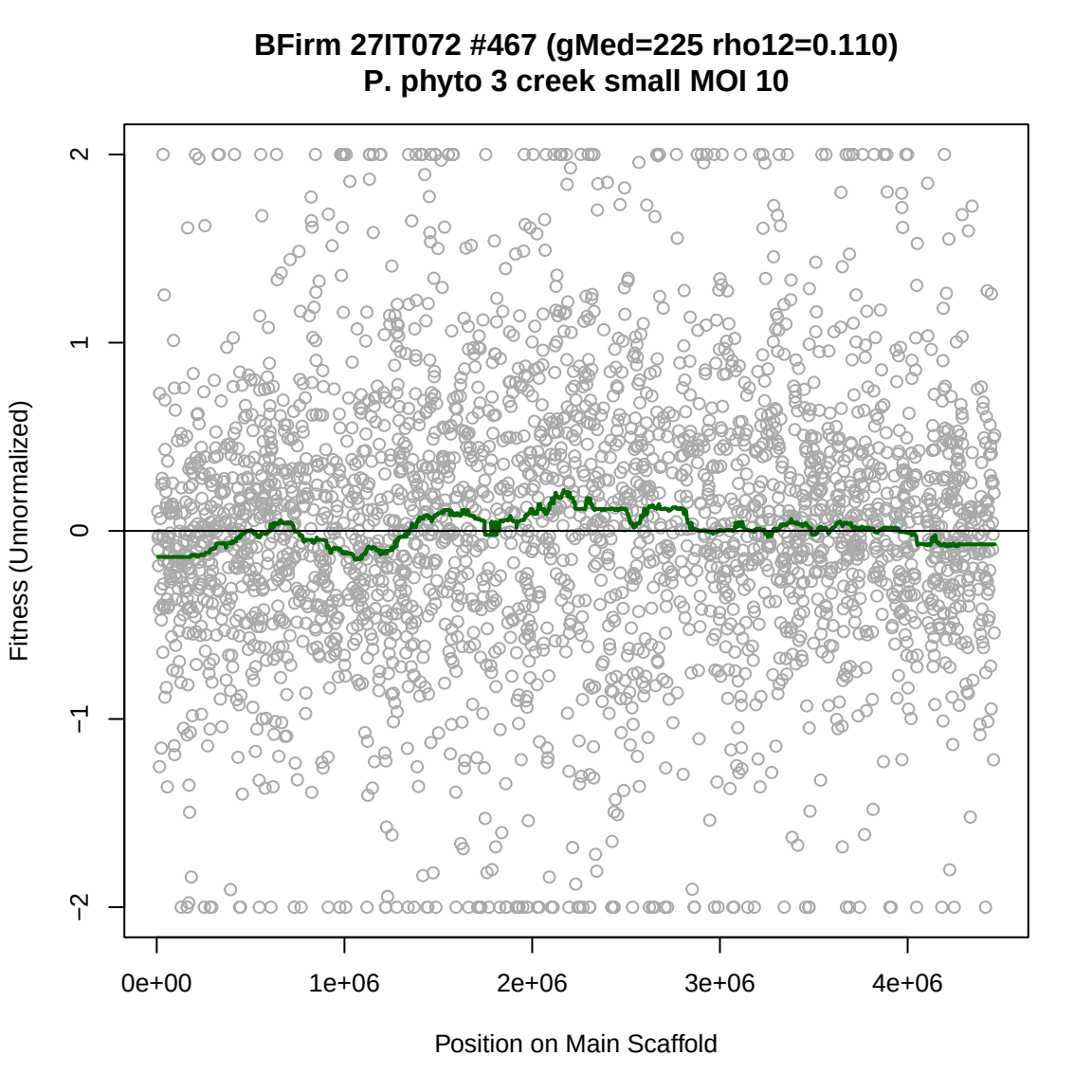

BFirm 27IT067 #462 (gMed=38 rho12=0.073)
P. phyto PHYTO6 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

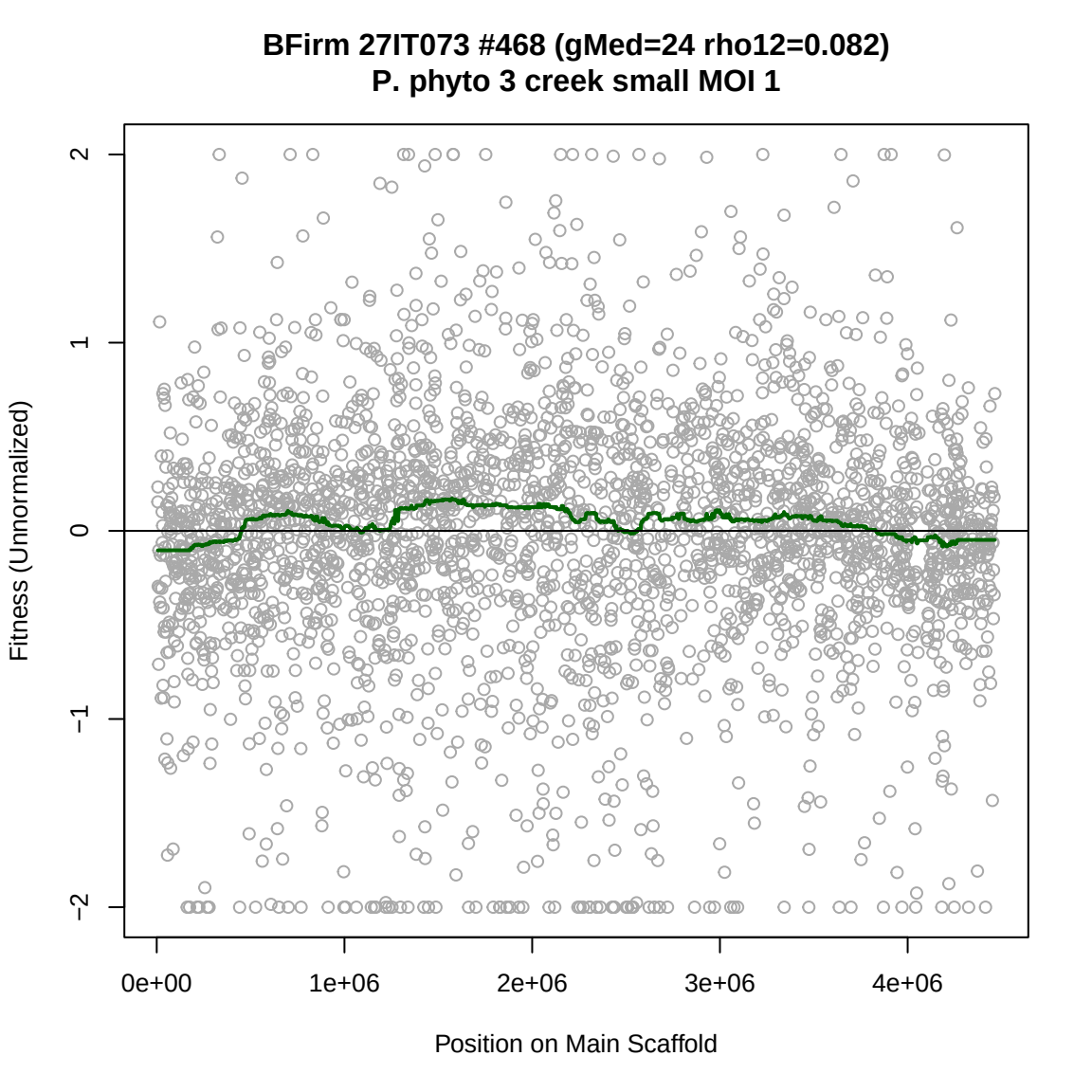

BFirm 27IT068 #463 (gMed=30 rho12=0.104)
P. phyto PHYTO6 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

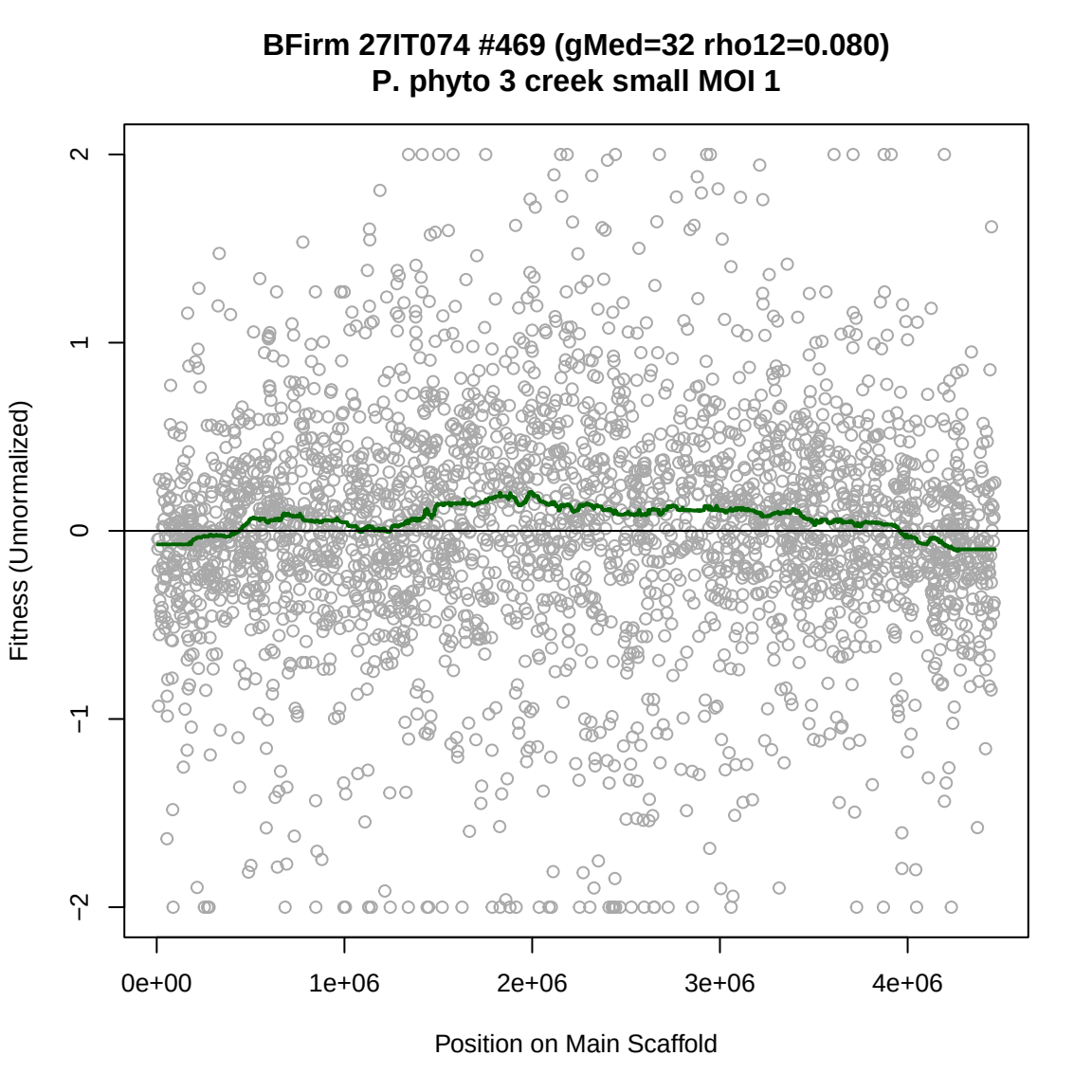

BFirm 27IT069 #464 (gMed=48 rho12=0.040)
P. phyto PHYTO6 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

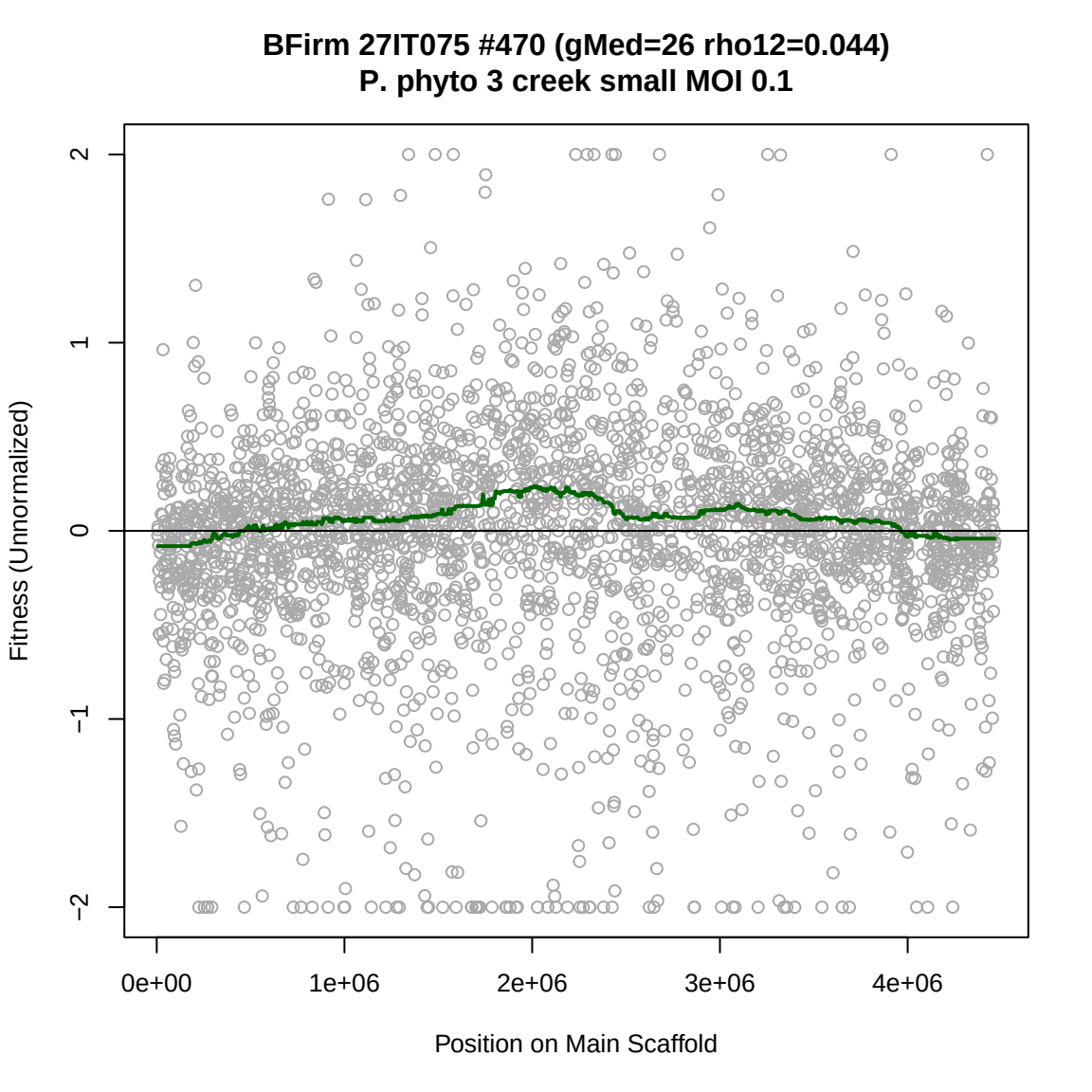

BFirm 27IT070 #465 (gMed=115 rho12=0.076)
P. phyto PHYTO6 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

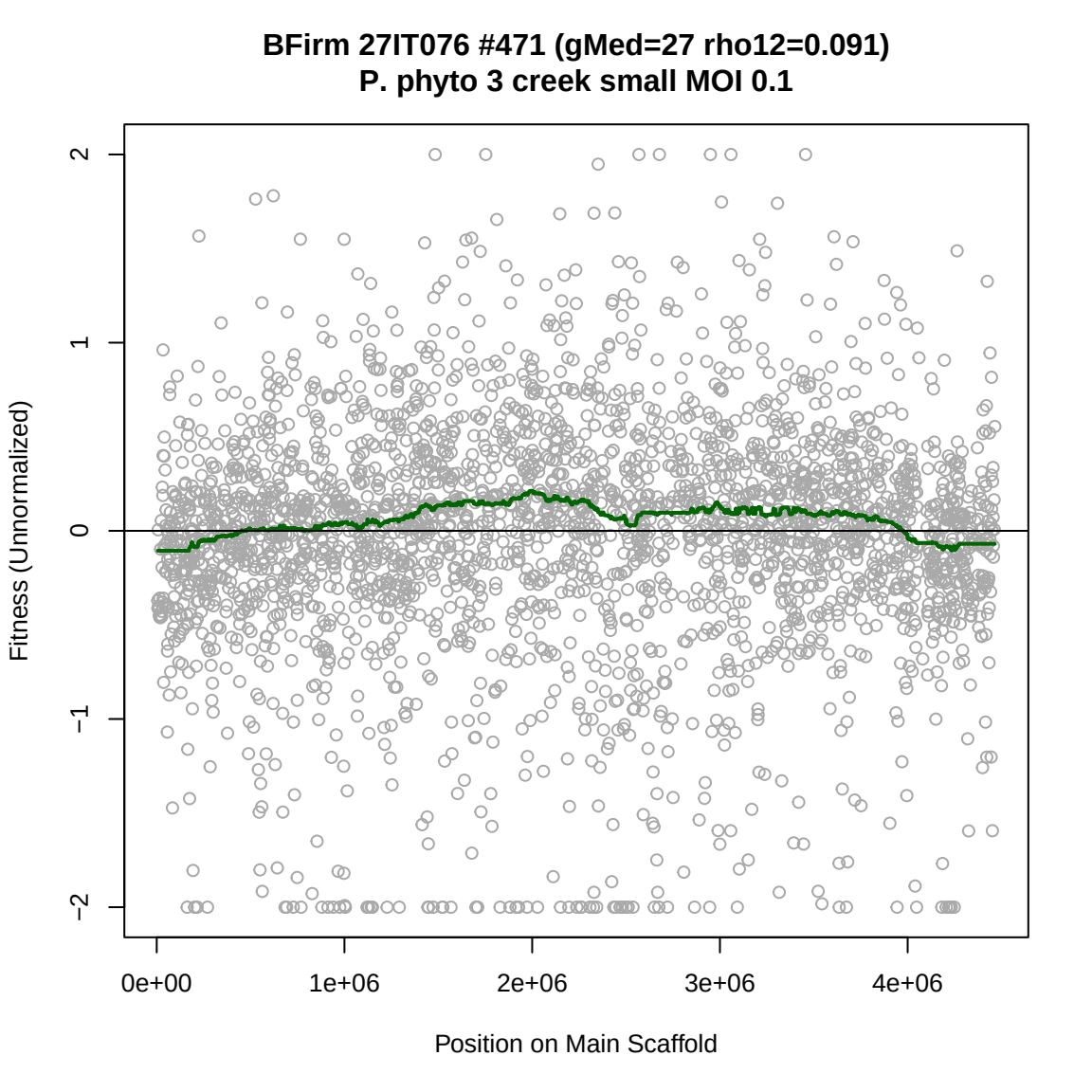

BFirm 27IT071 #466 (gMed=211 rho12=0.059)
P. phyto 3 creek small MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

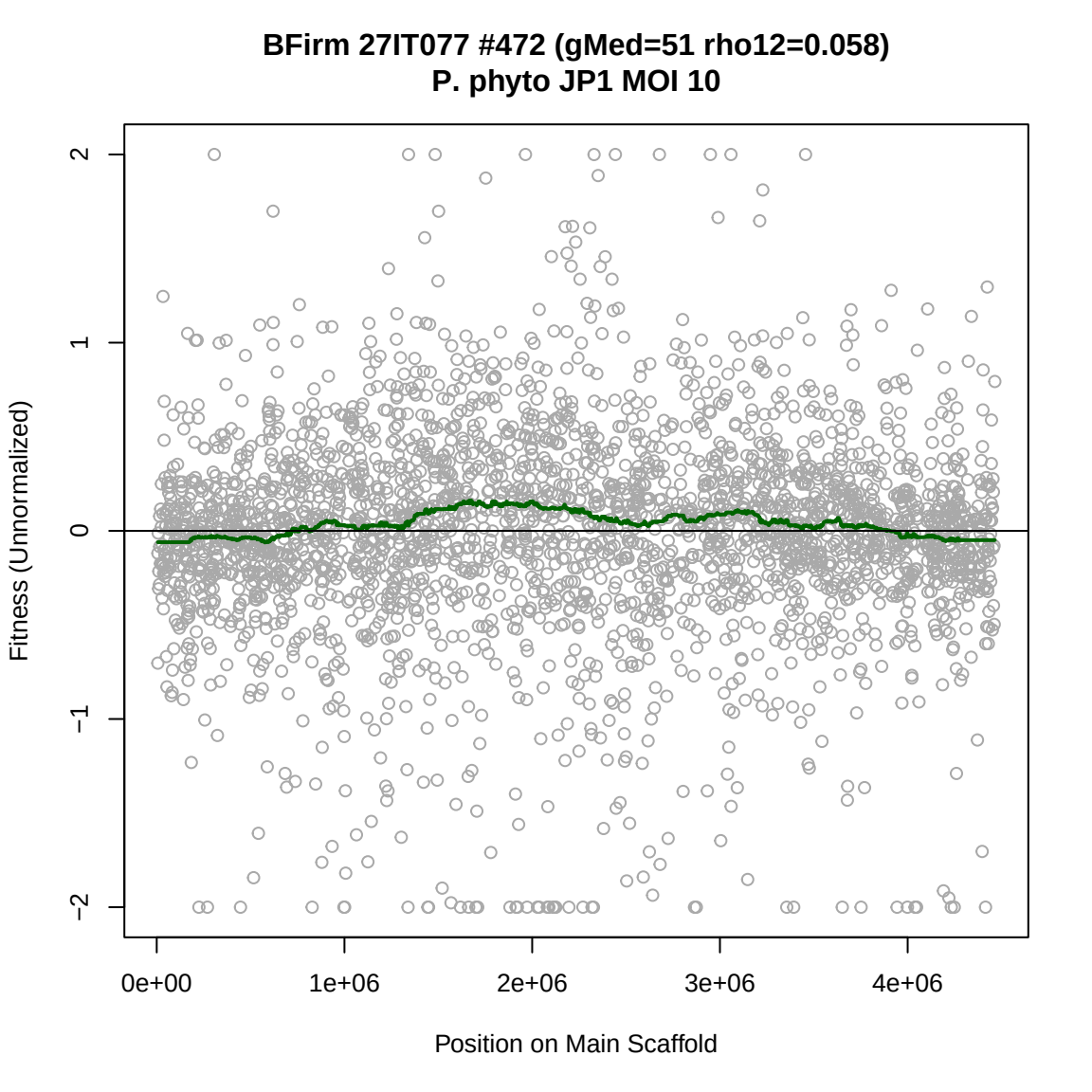

BFirm 27IT072 #467 (gMed=225 rho12=0.110)
P. phyto 3 creek small MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

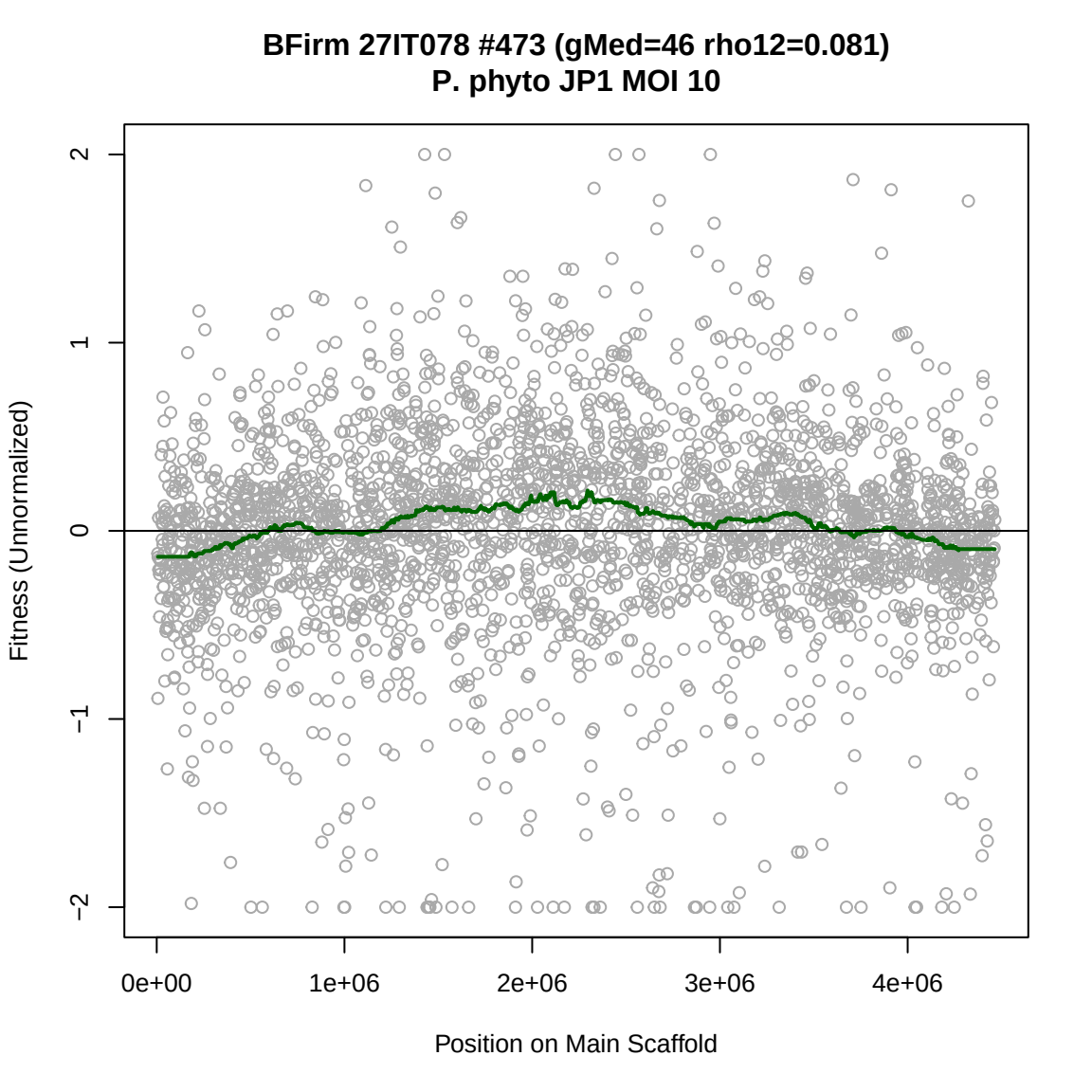

BFirm 27IT073 #468 (gMed=24 rho12=0.082)
P. phyto 3 creek small MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

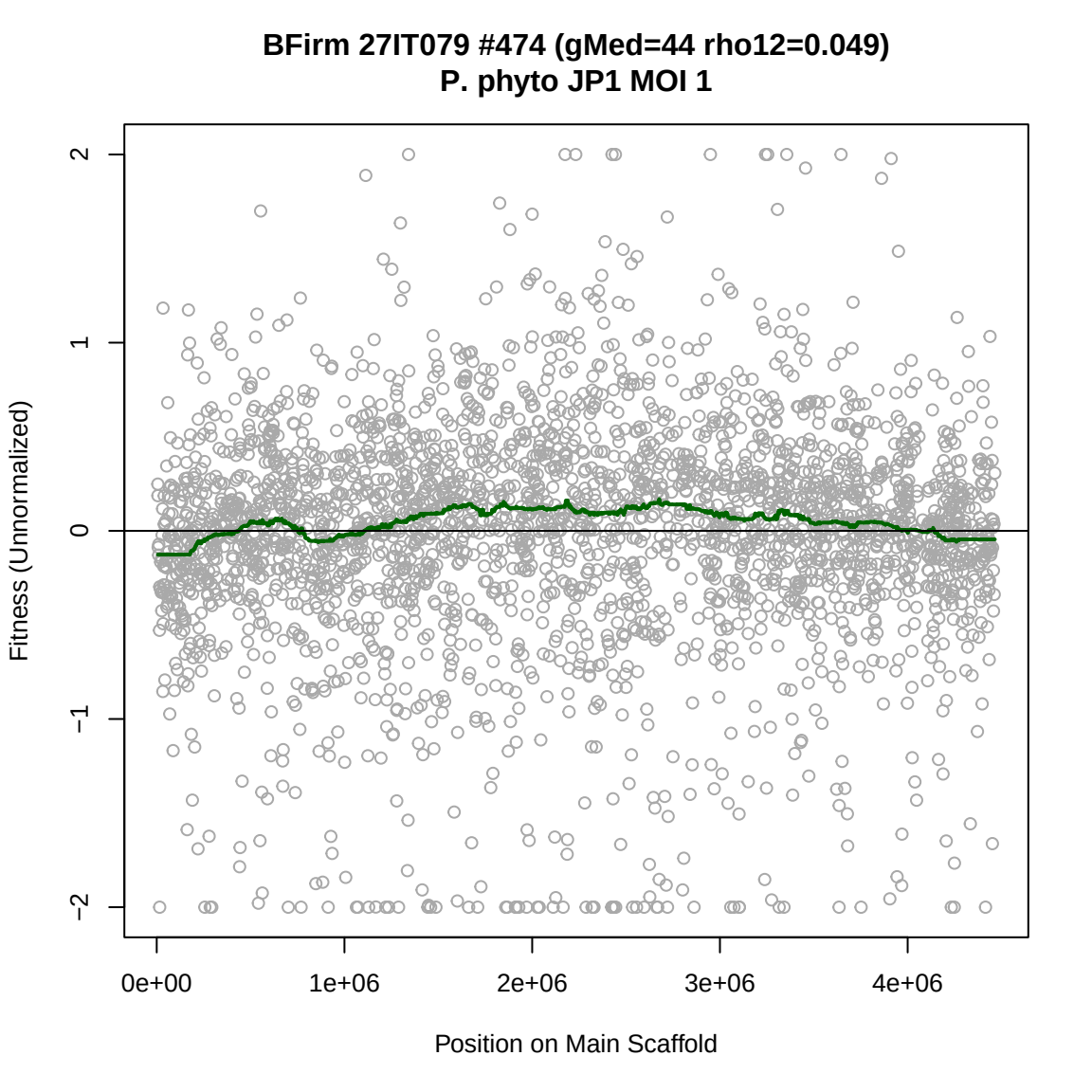

BFirm 27IT074 #469 (gMed=32 rho12=0.080)
P. phyto 3 creek small MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

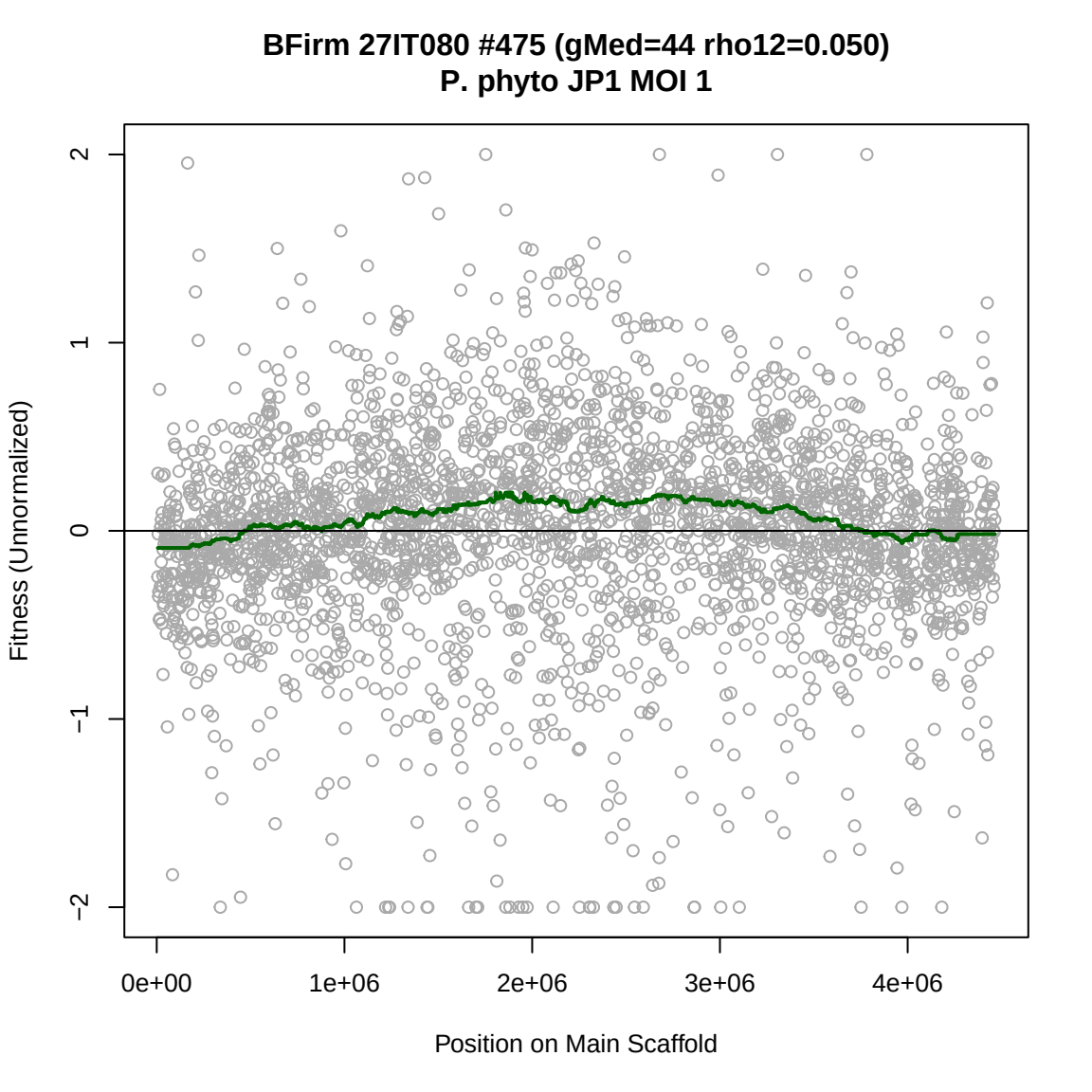

BFirm 27IT075 #470 (gMed=26 rho12=0.044)
P. phyto 3 creek small MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

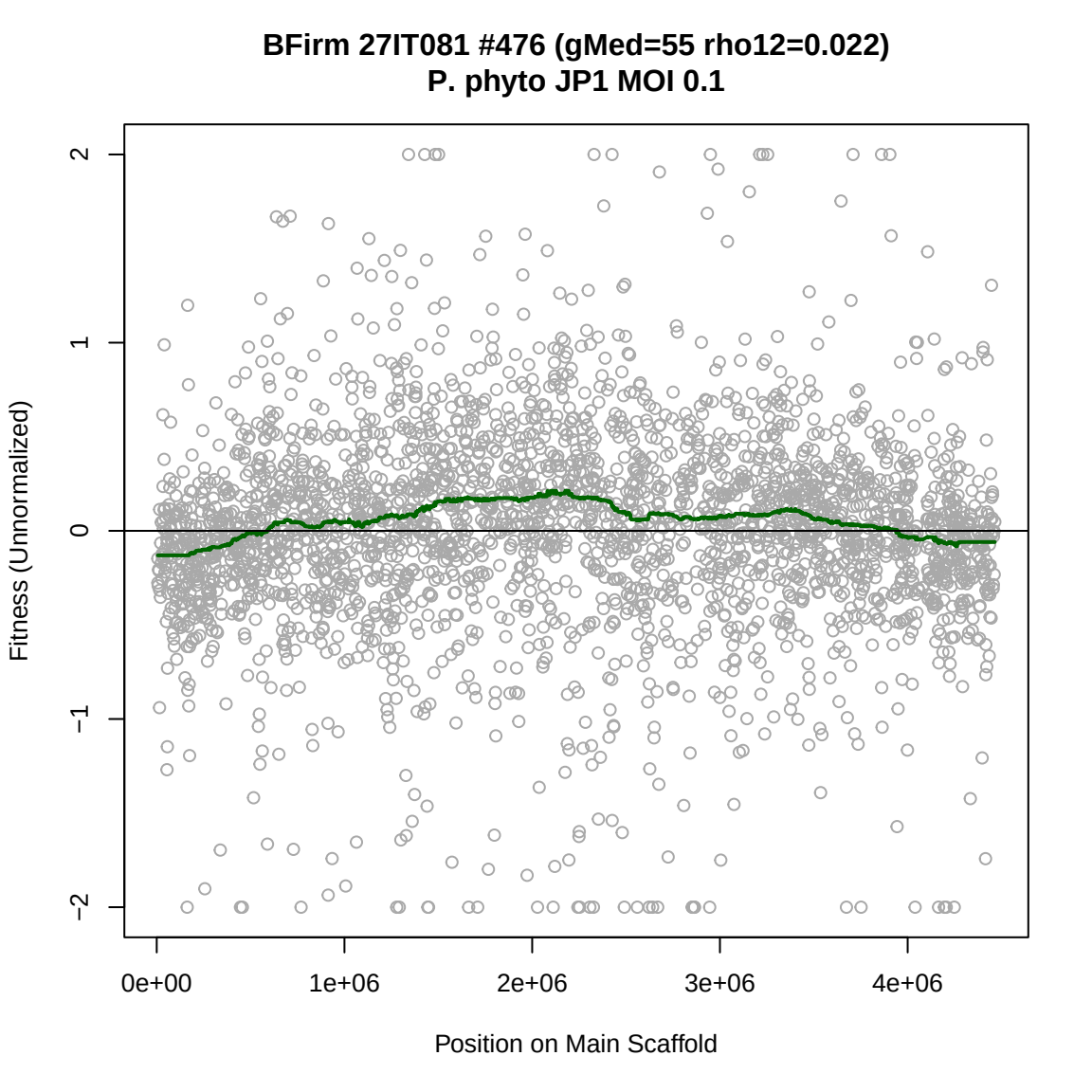

BFirm 27IT076 #471 (gMed=27 rho12=0.091)
P. phyto 3 creek small MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

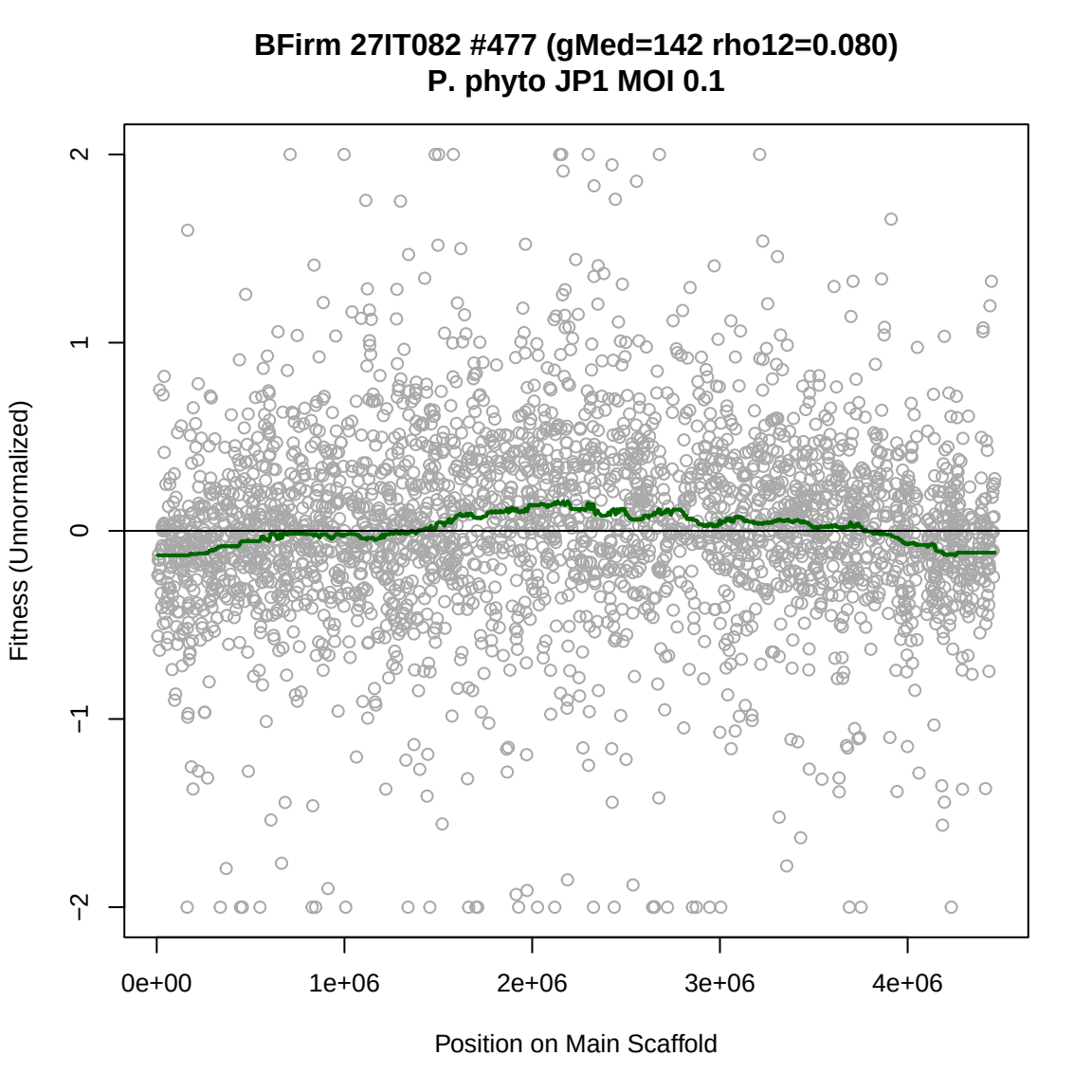

BFirm 27IT077 #472 (gMed=51 rho12=0.058)
P. phyto JP1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

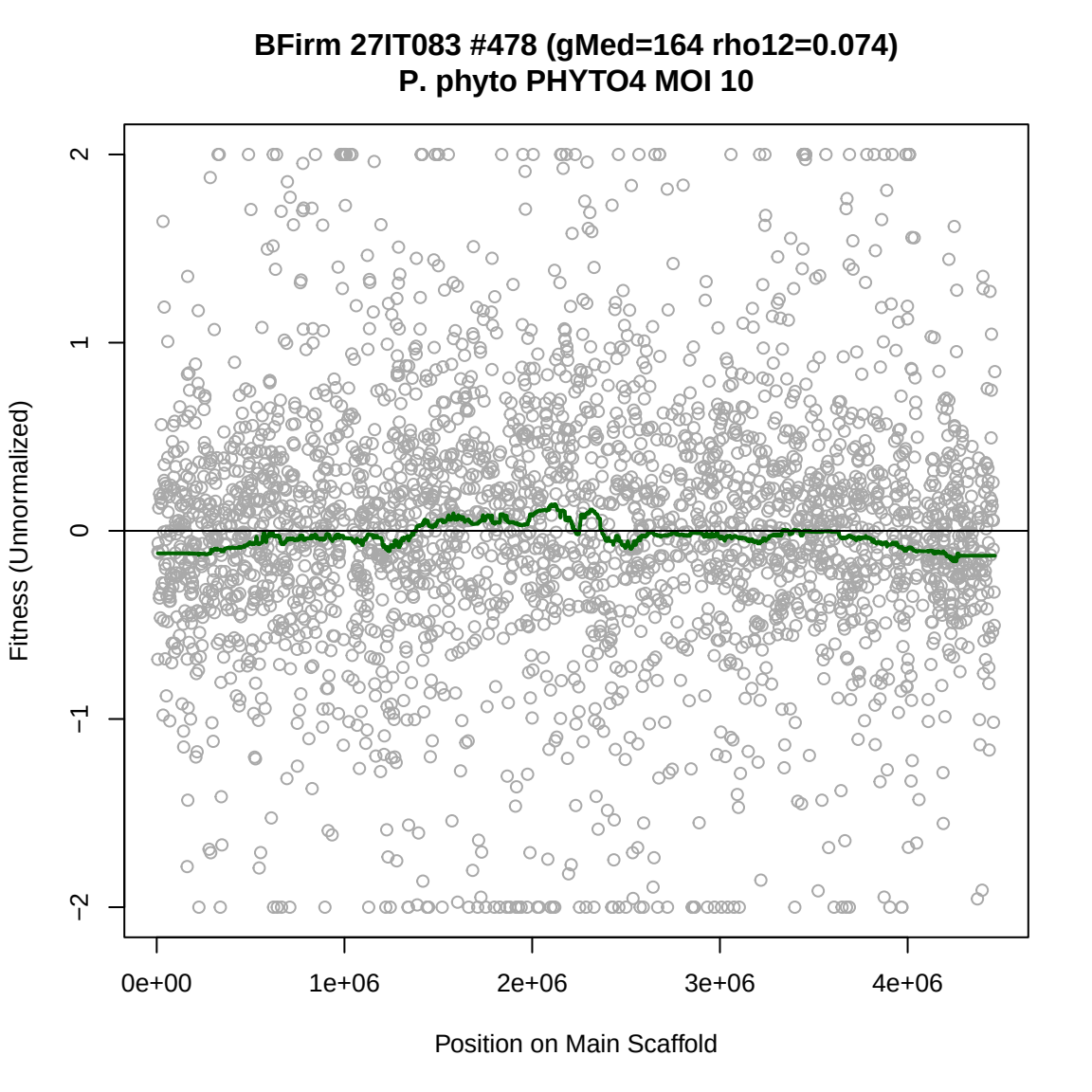

BFirm 27IT078 #473 (gMed=46 rho12=0.081)
P. phyto JP1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

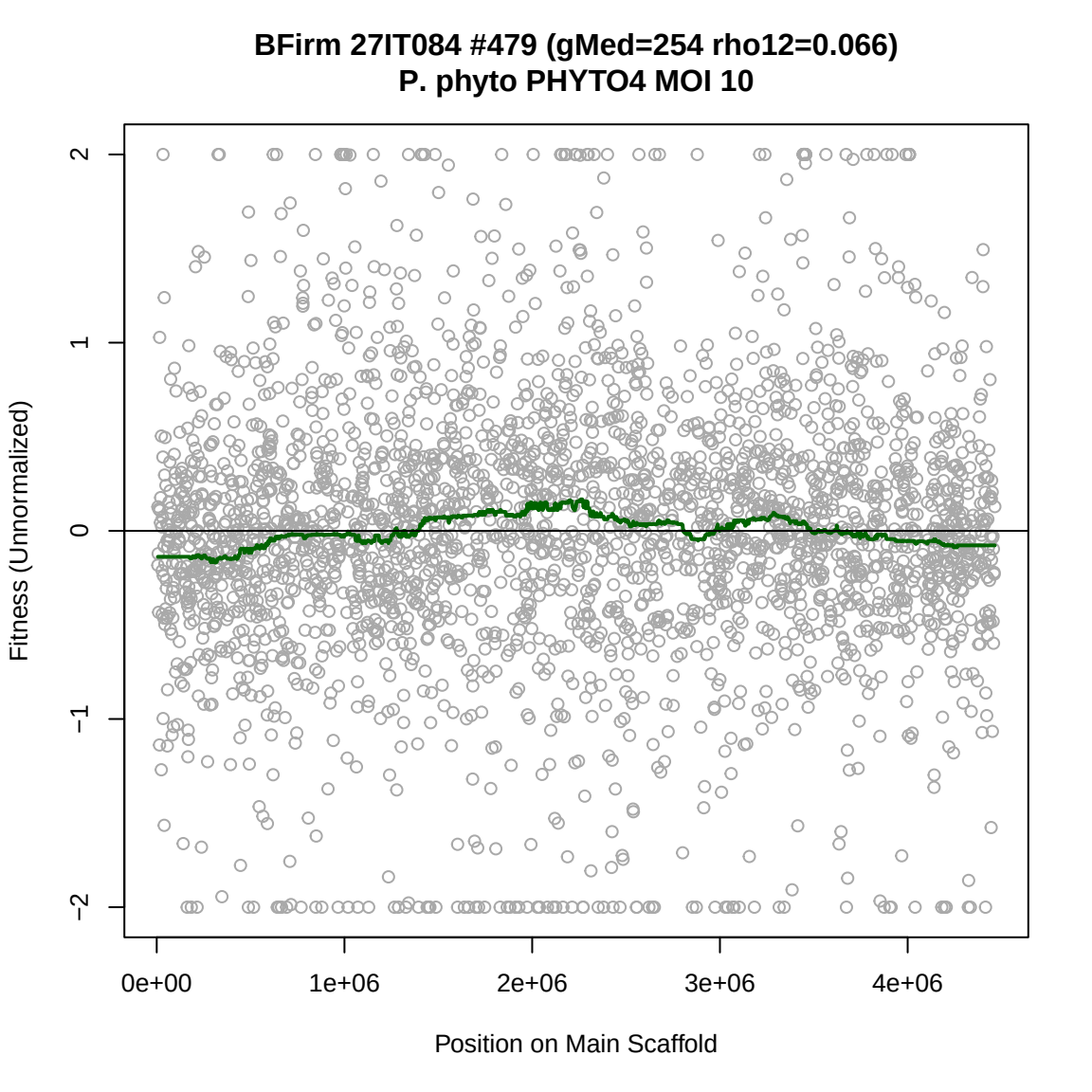

BFirm 27IT079 #474 (gMed=44 rho12=0.049)
P. phyto JP1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

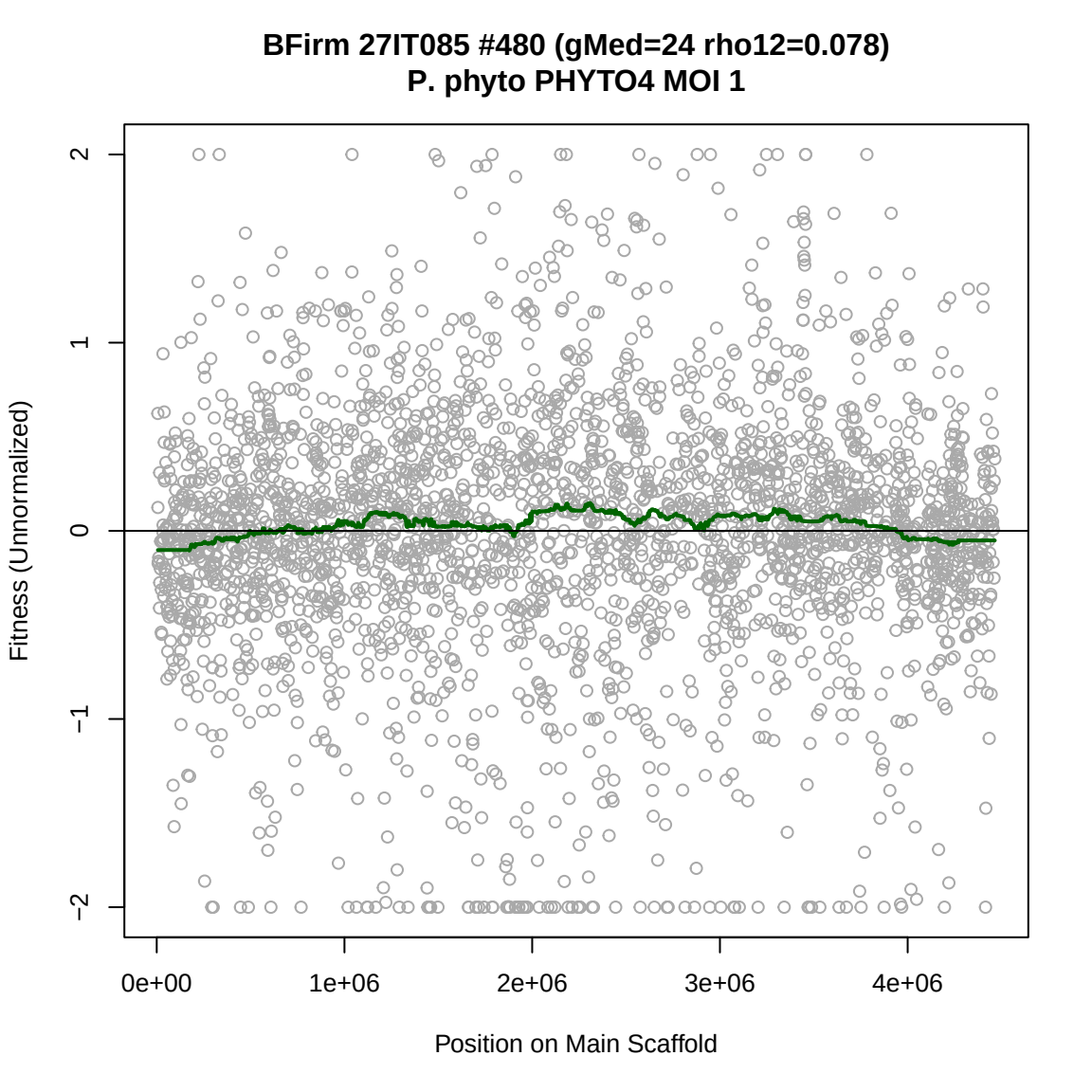

BFirm 27IT080 #475 (gMed=44 rho12=0.050)
P. phyto JP1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

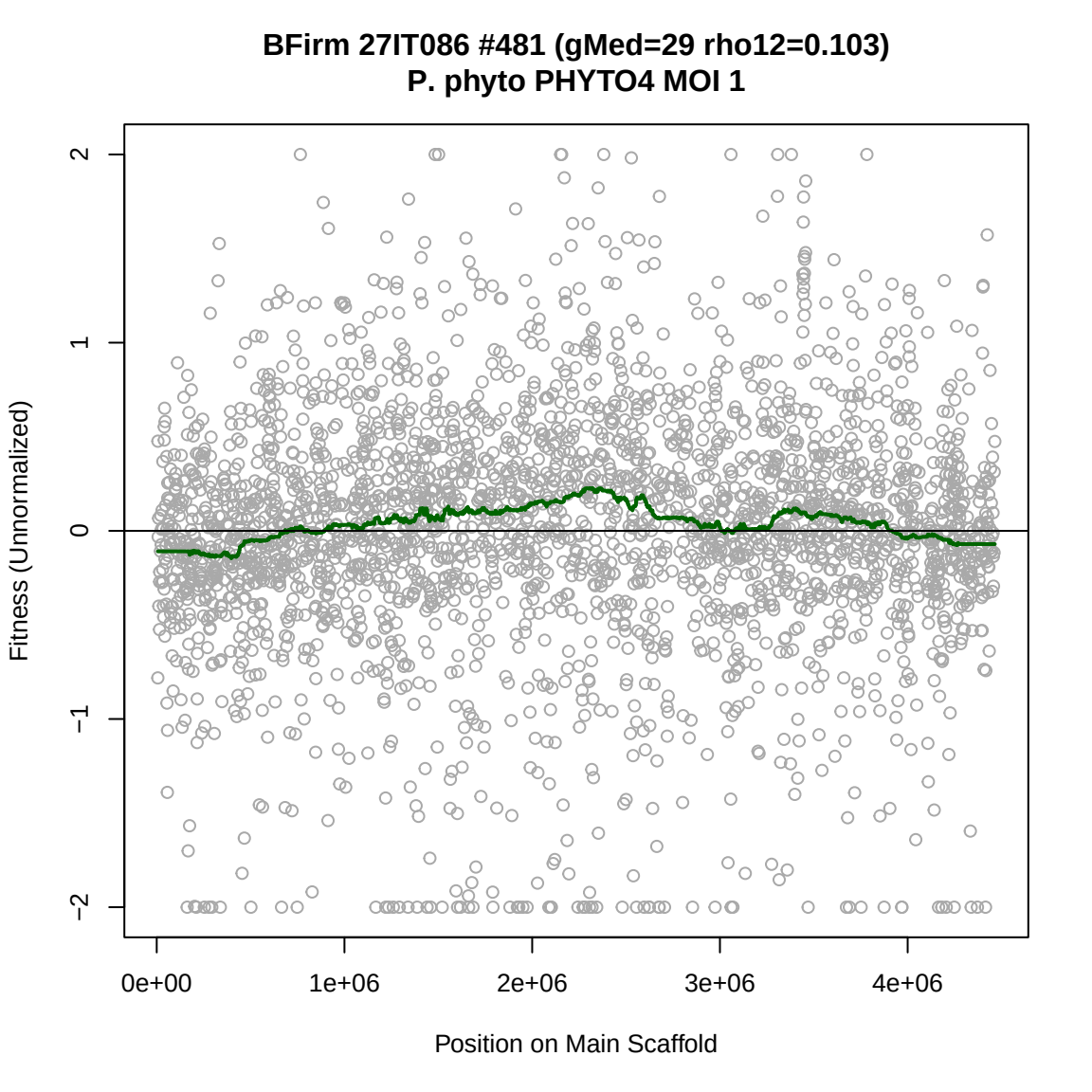

BFirm 27IT081 #476 (gMed=55 rho12=0.022)
P. phyto JP1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

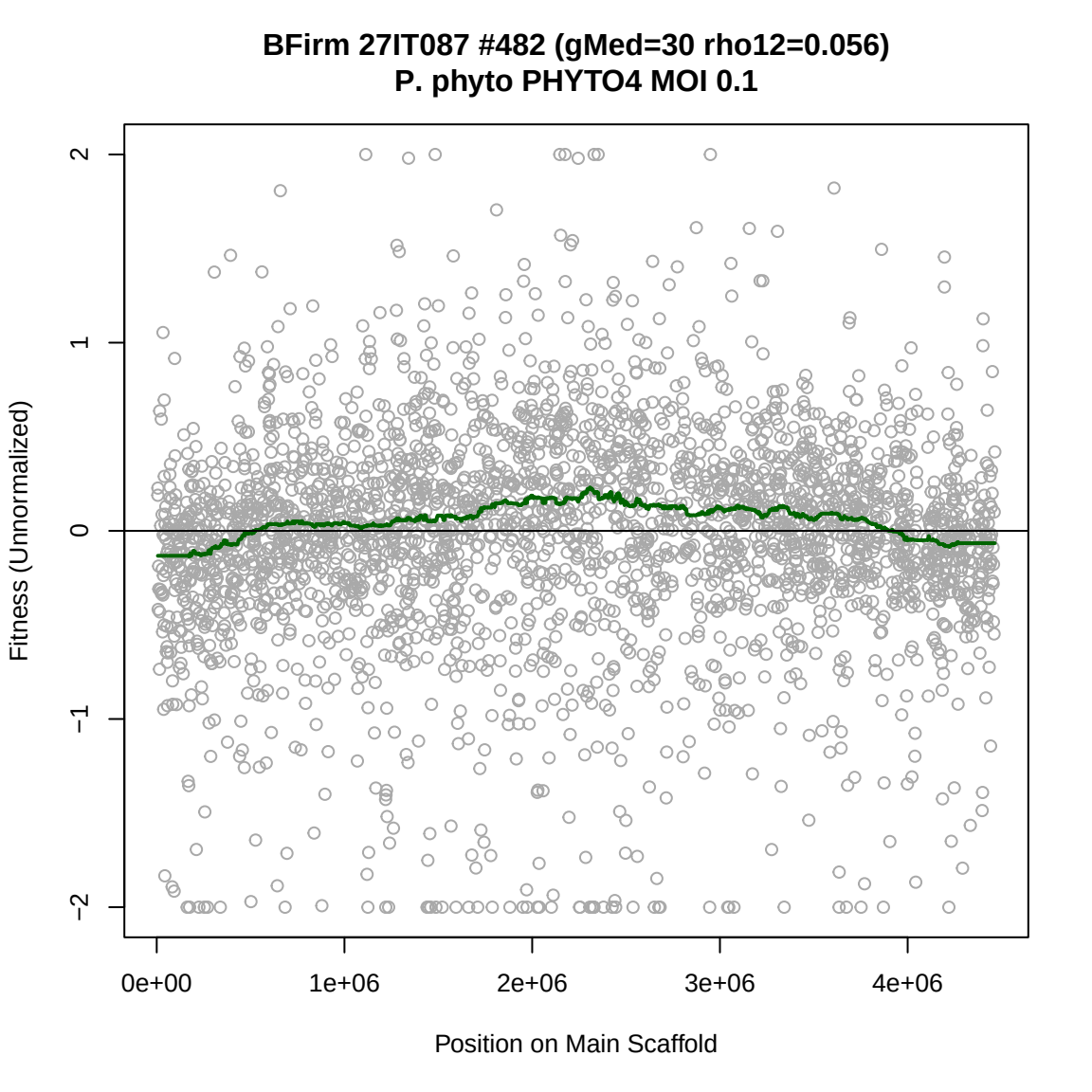

BFirm 27IT082 #477 (gMed=142 rho12=0.080)
P. phyto JP1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

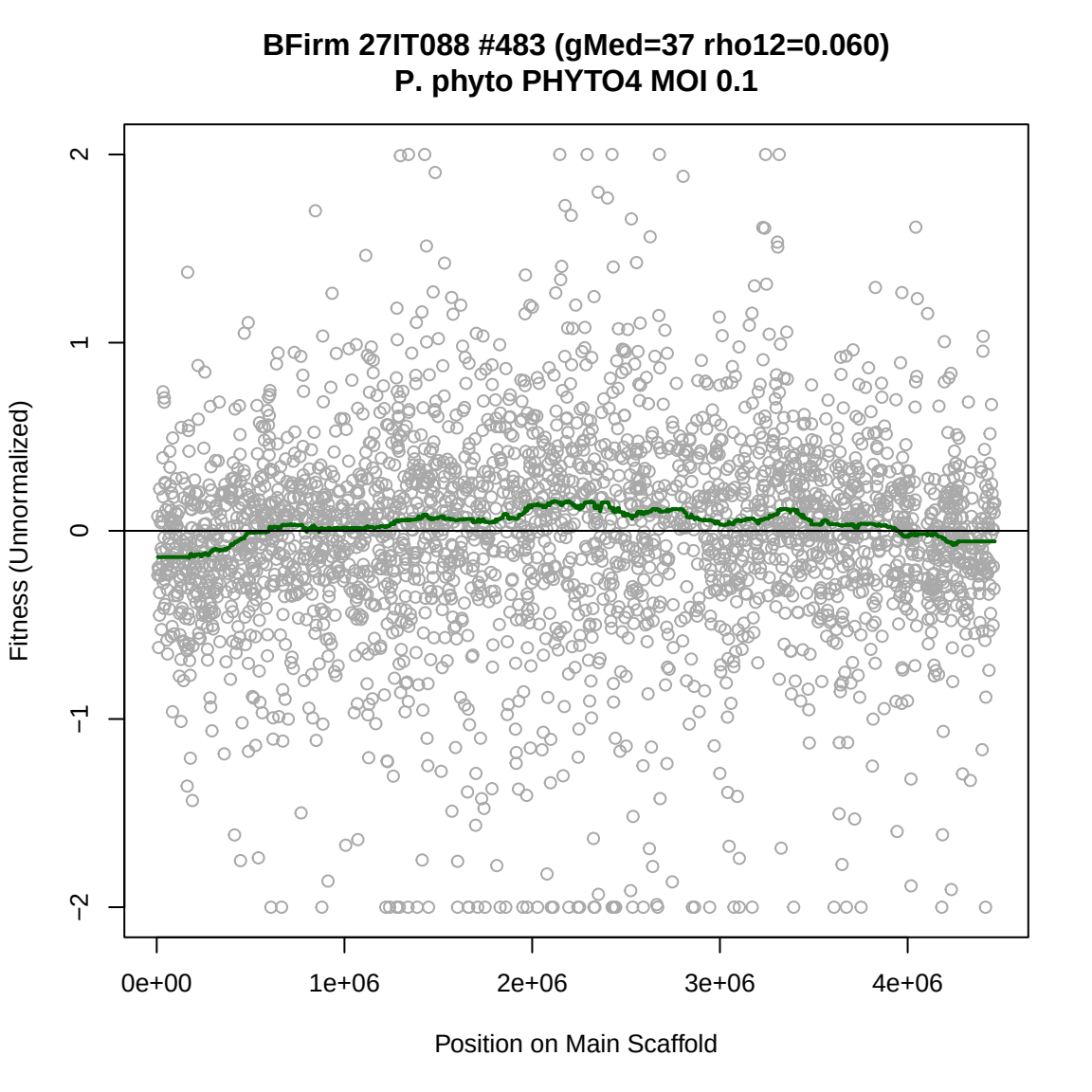

BFirm 27IT083 #478 (gMed=164 rho12=0.074)
P. phyto PHYTO4 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

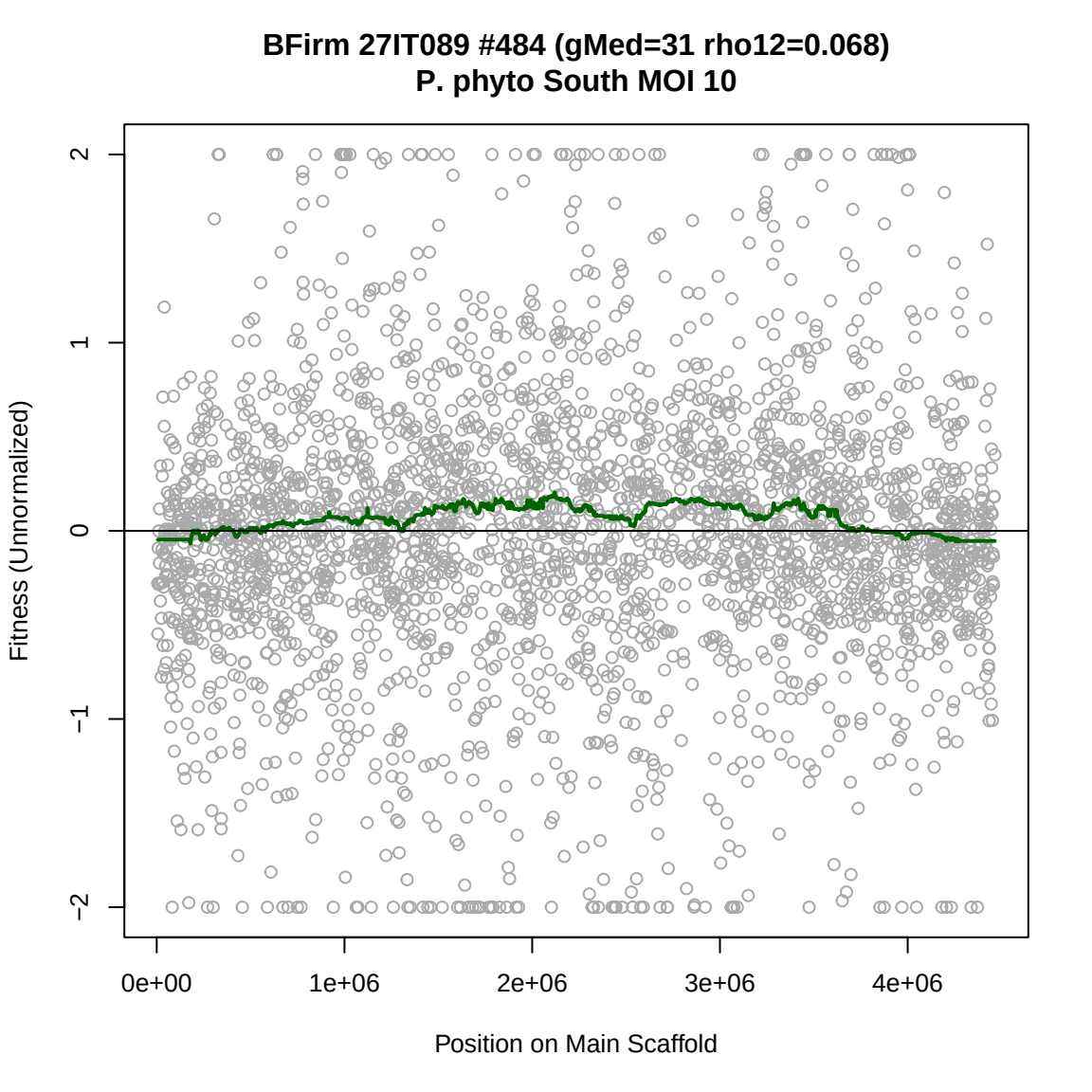

BFirm 27IT084 #479 (gMed=254 rho12=0.066)
P. phyto PHYTO4 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

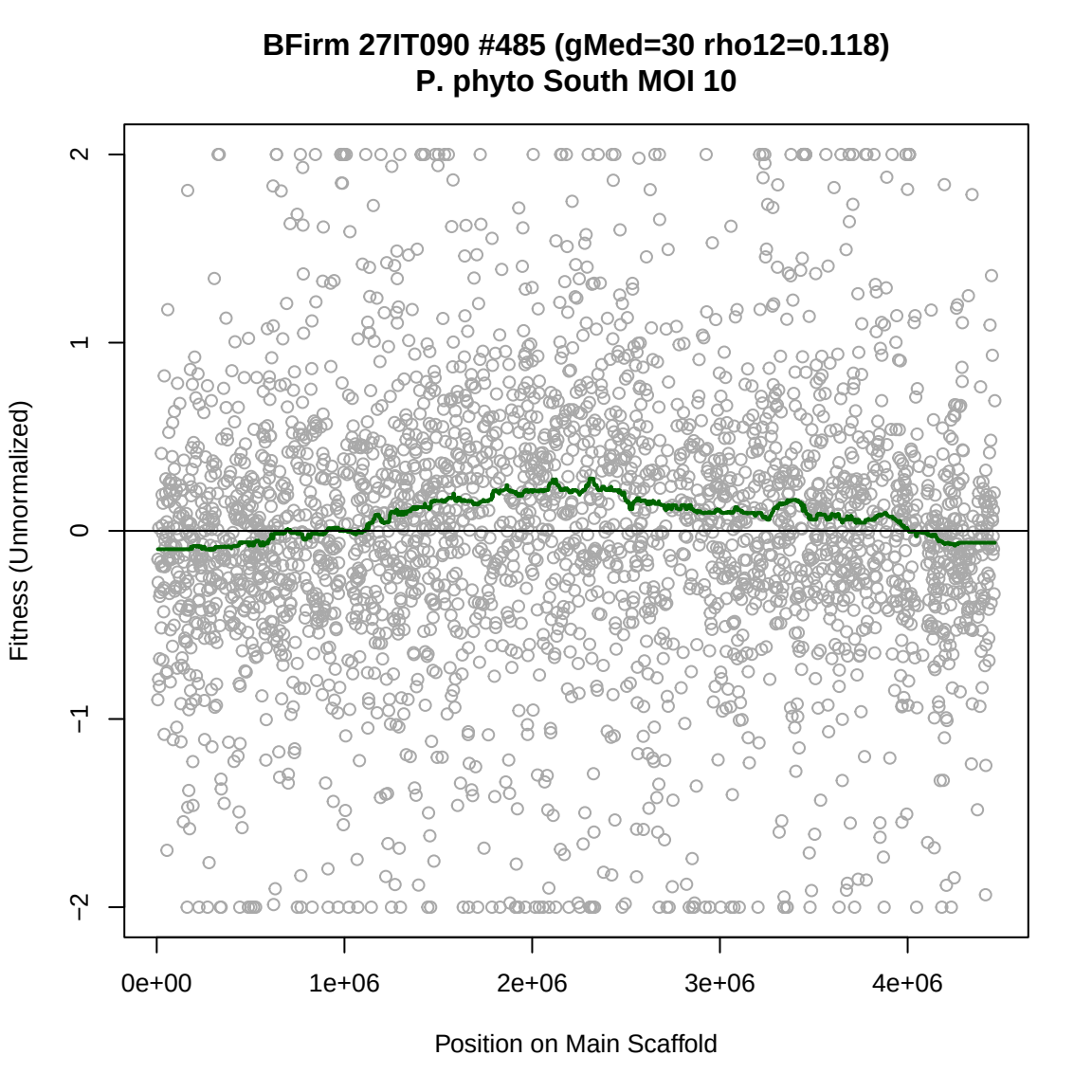

BFirm 27IT085 #480 (gMed=24 rho12=0.078)
P. phyto PHYTO4 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

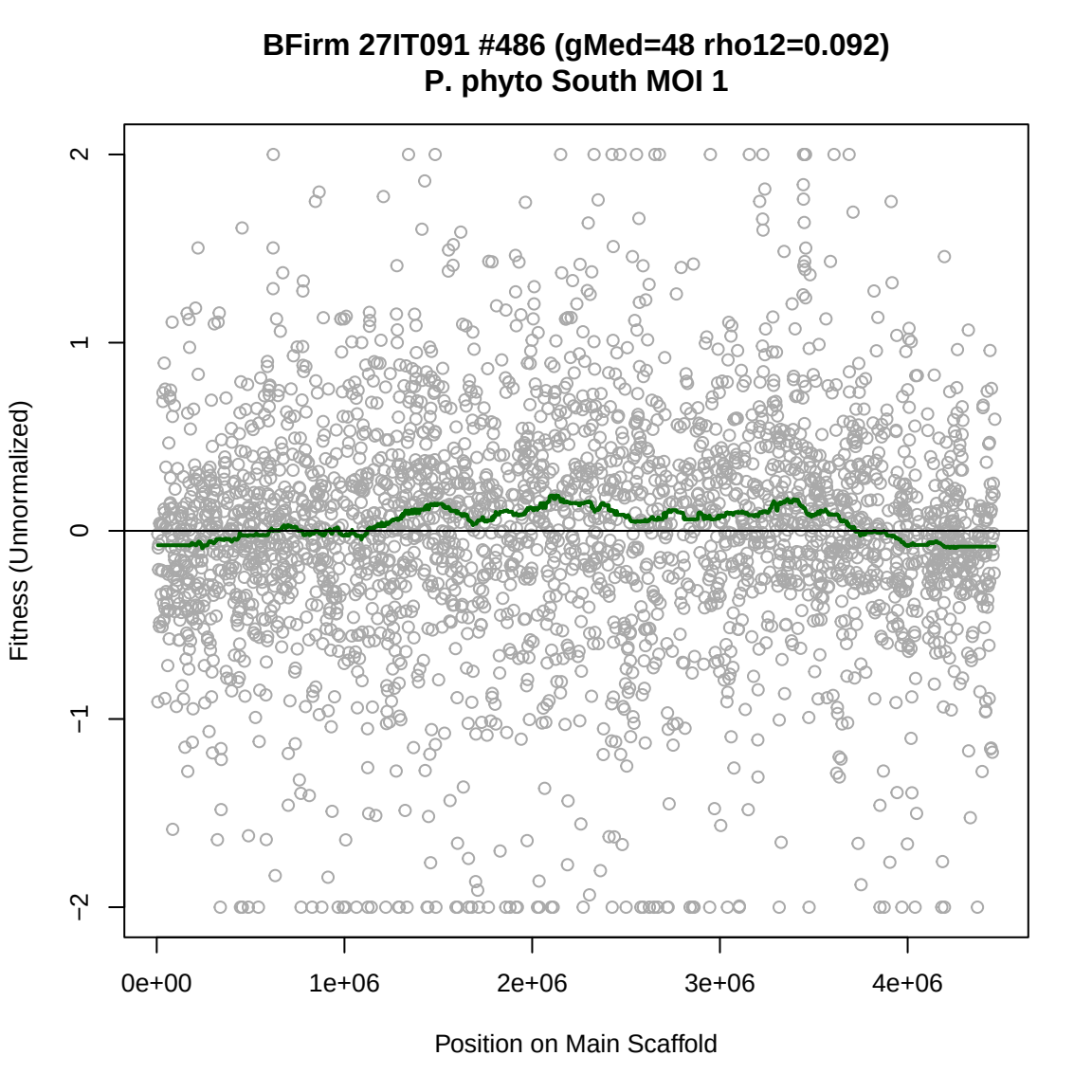

BFirm 27IT086 #481 (gMed=29 rho12=0.103)
P. phyto PHYTO4 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

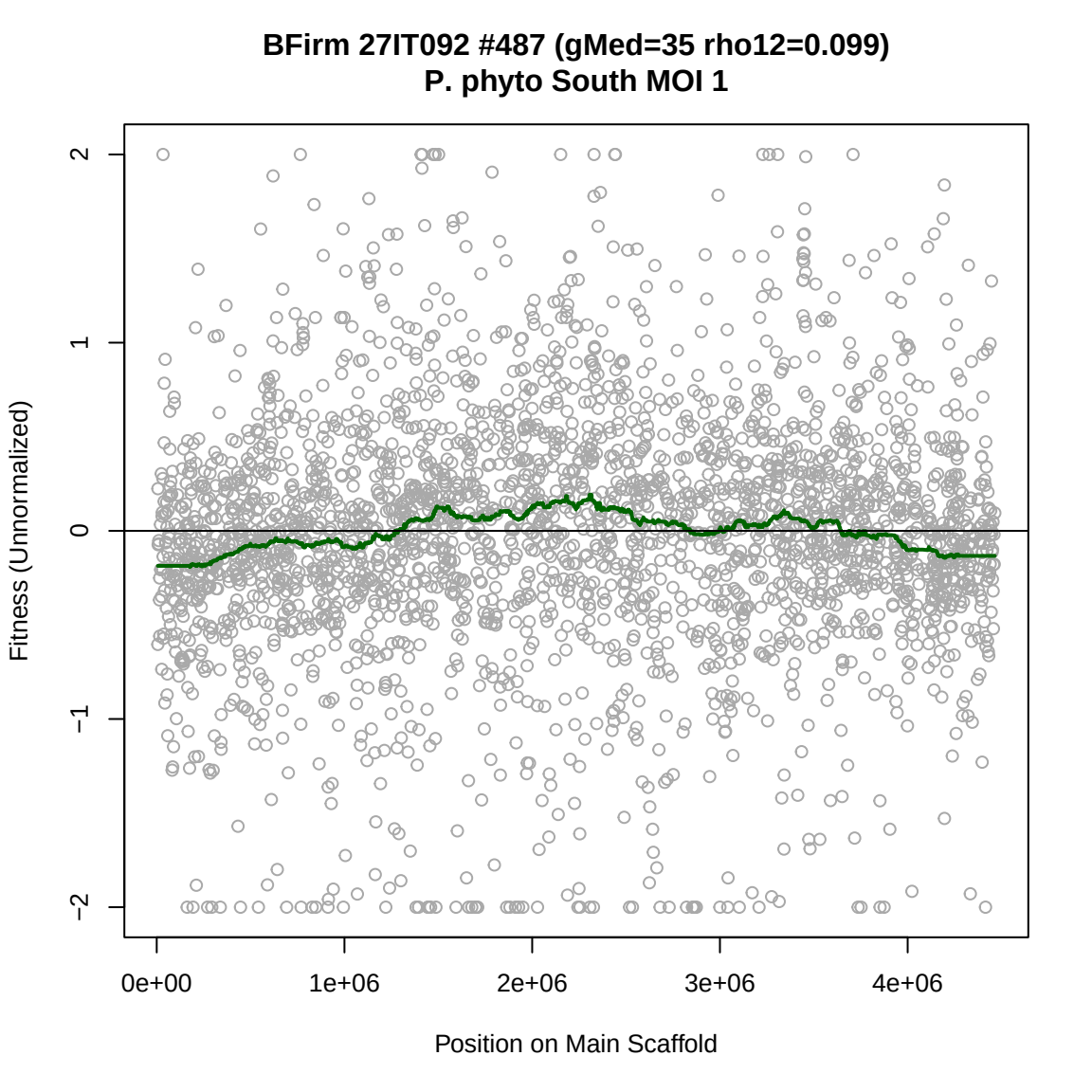

BFirm 27IT087 #482 (gMed=30 rho12=0.056)
P. phyto PHYTO4 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

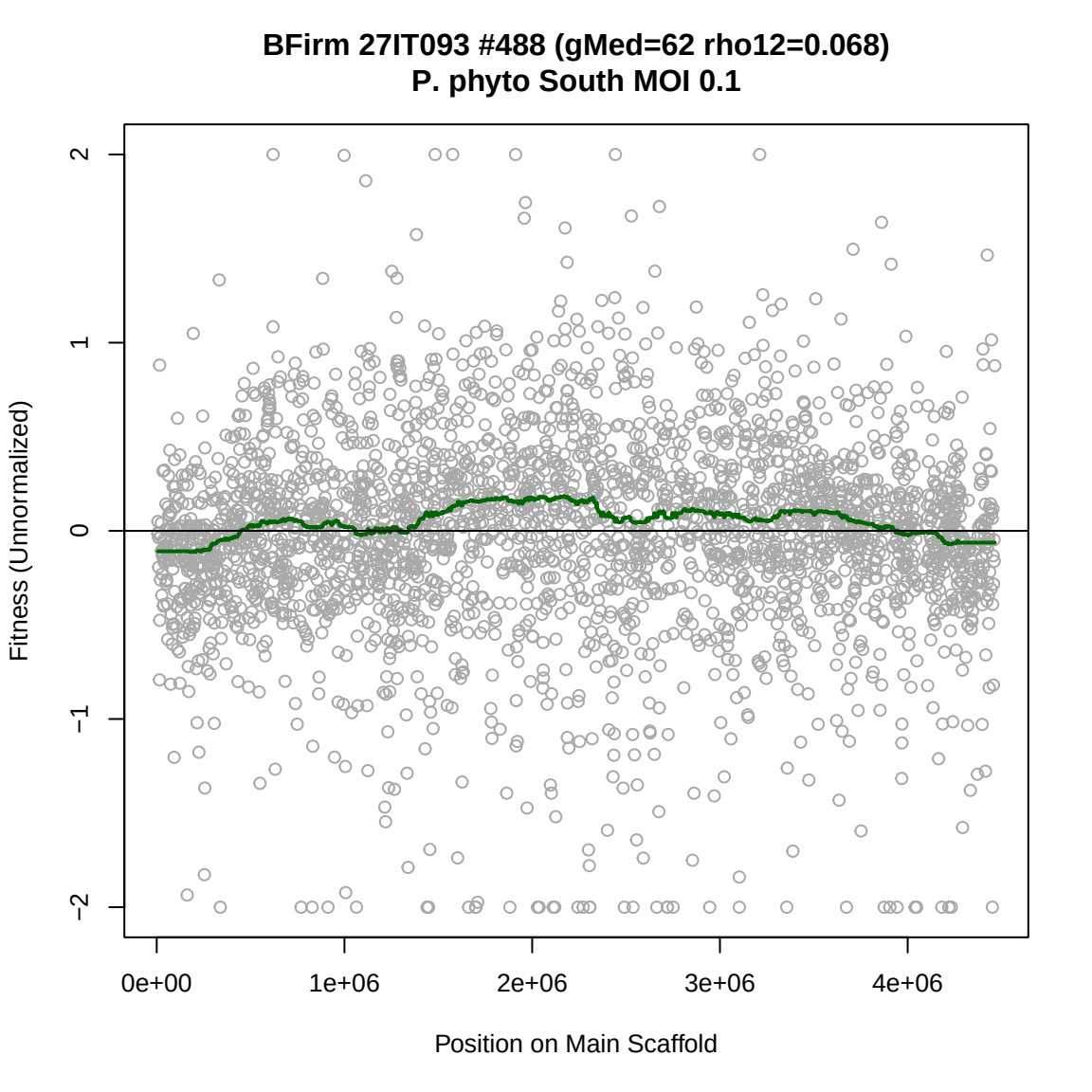

BFirm 27IT088 #483 (gMed=37 rho12=0.060)
P. phyto PHYTO4 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

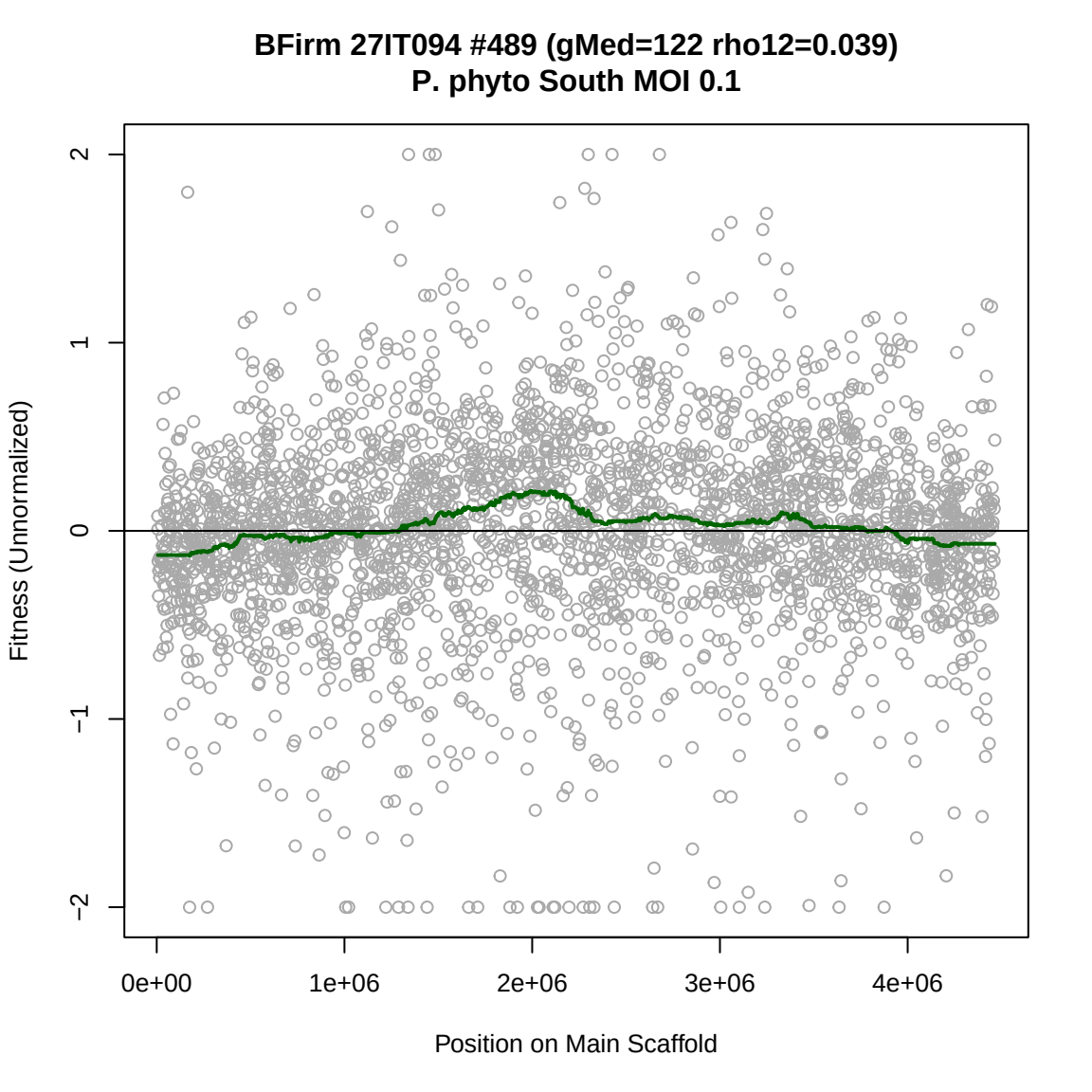

BFirm 27IT089 #484 (gMed=31 rho12=0.068)
P. phyto South MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

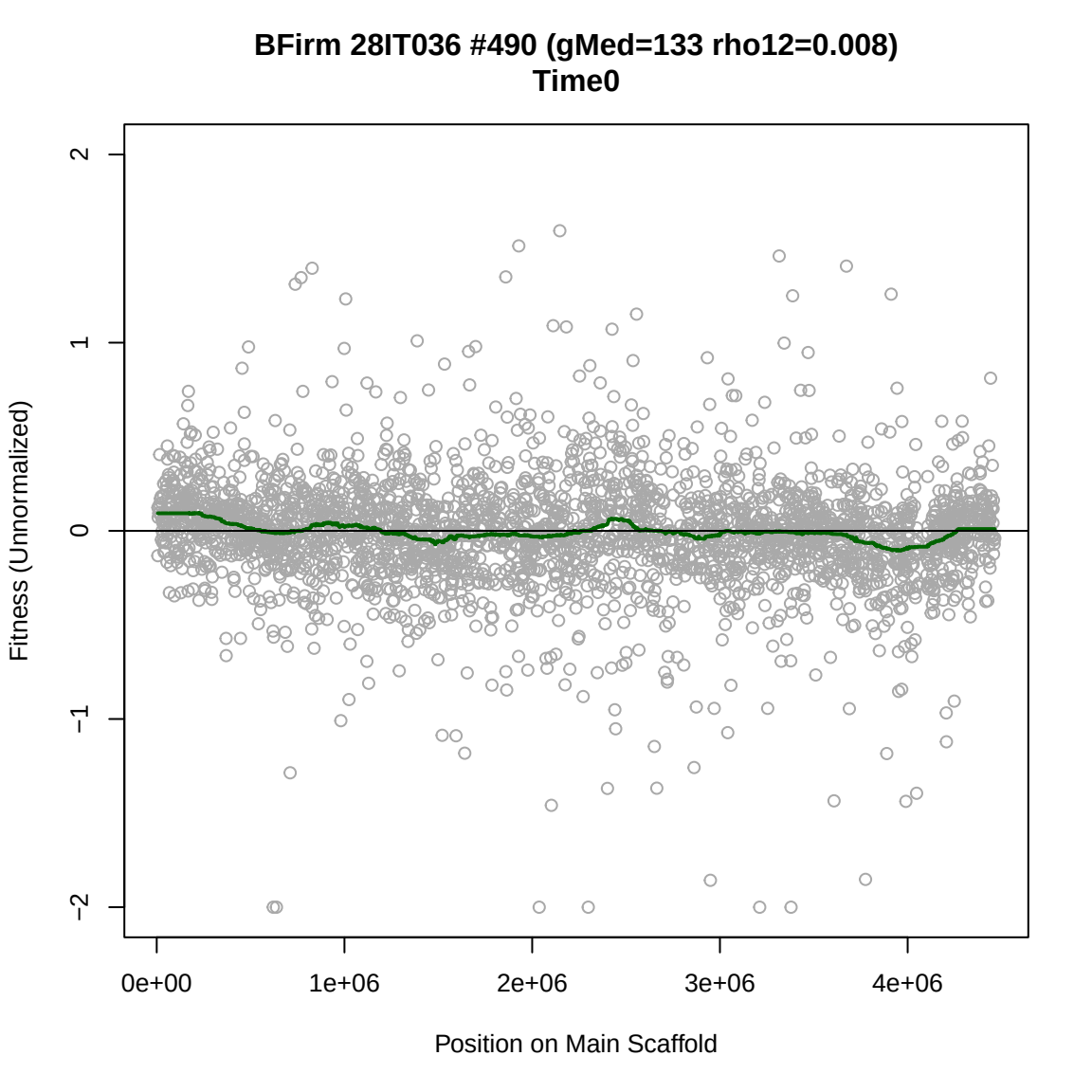

BFirm 27IT090 #485 (gMed=30 rho12=0.118)
P. phyto South MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

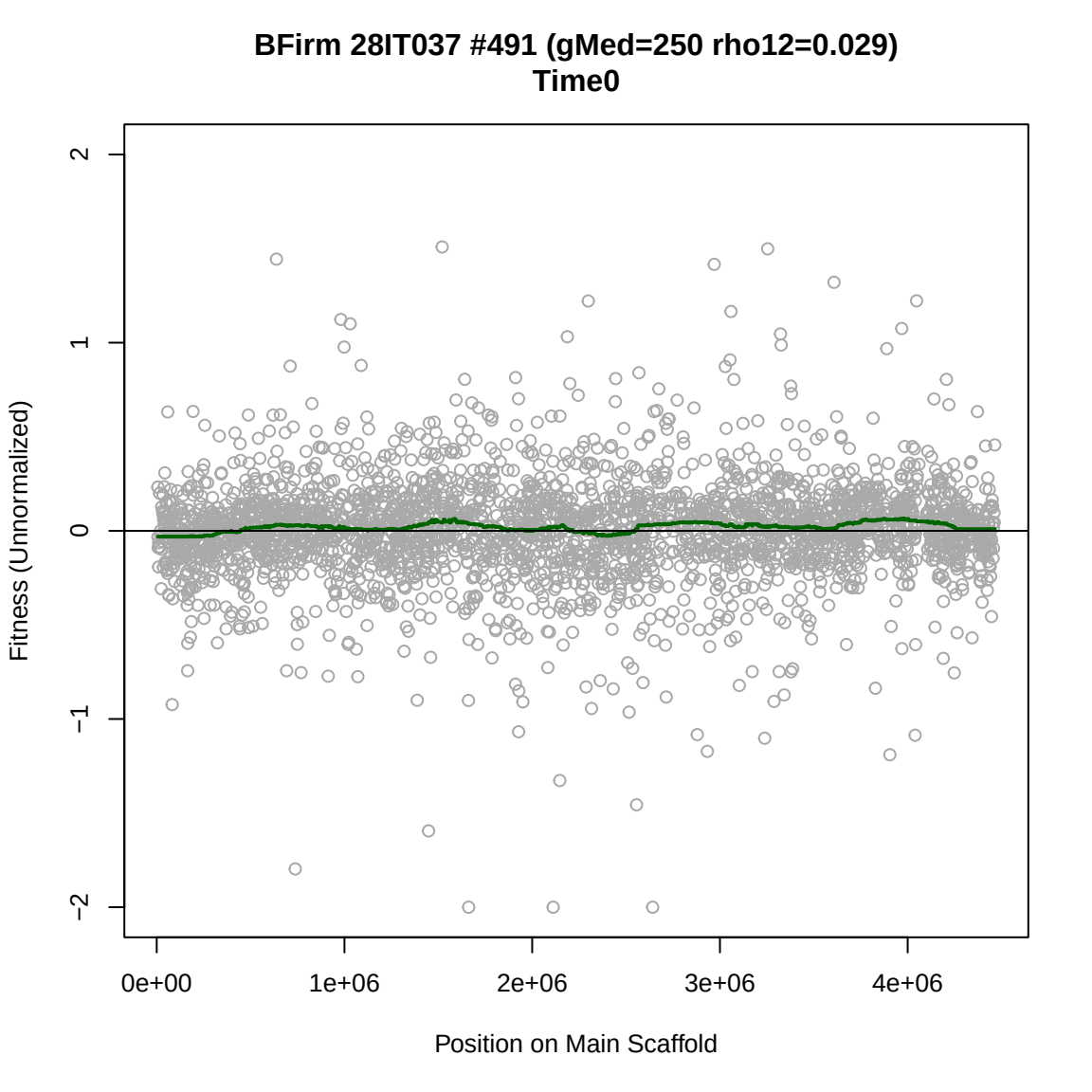

BFirm 27IT091 #486 (gMed=48 rho12=0.092)
P. phyto South MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

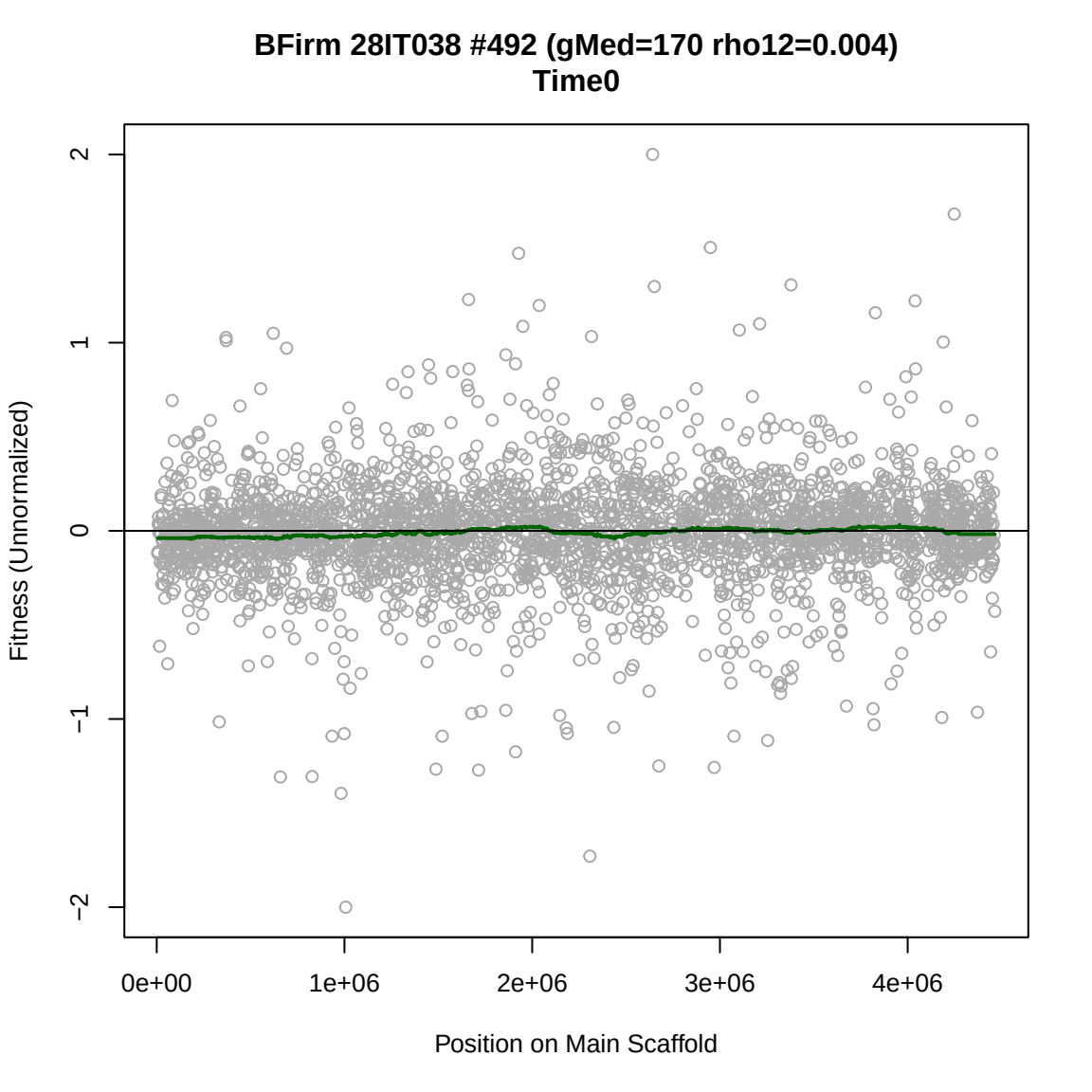

BFirm 27IT092 #487 (gMed=35 rho12=0.099)
P. phyto South MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

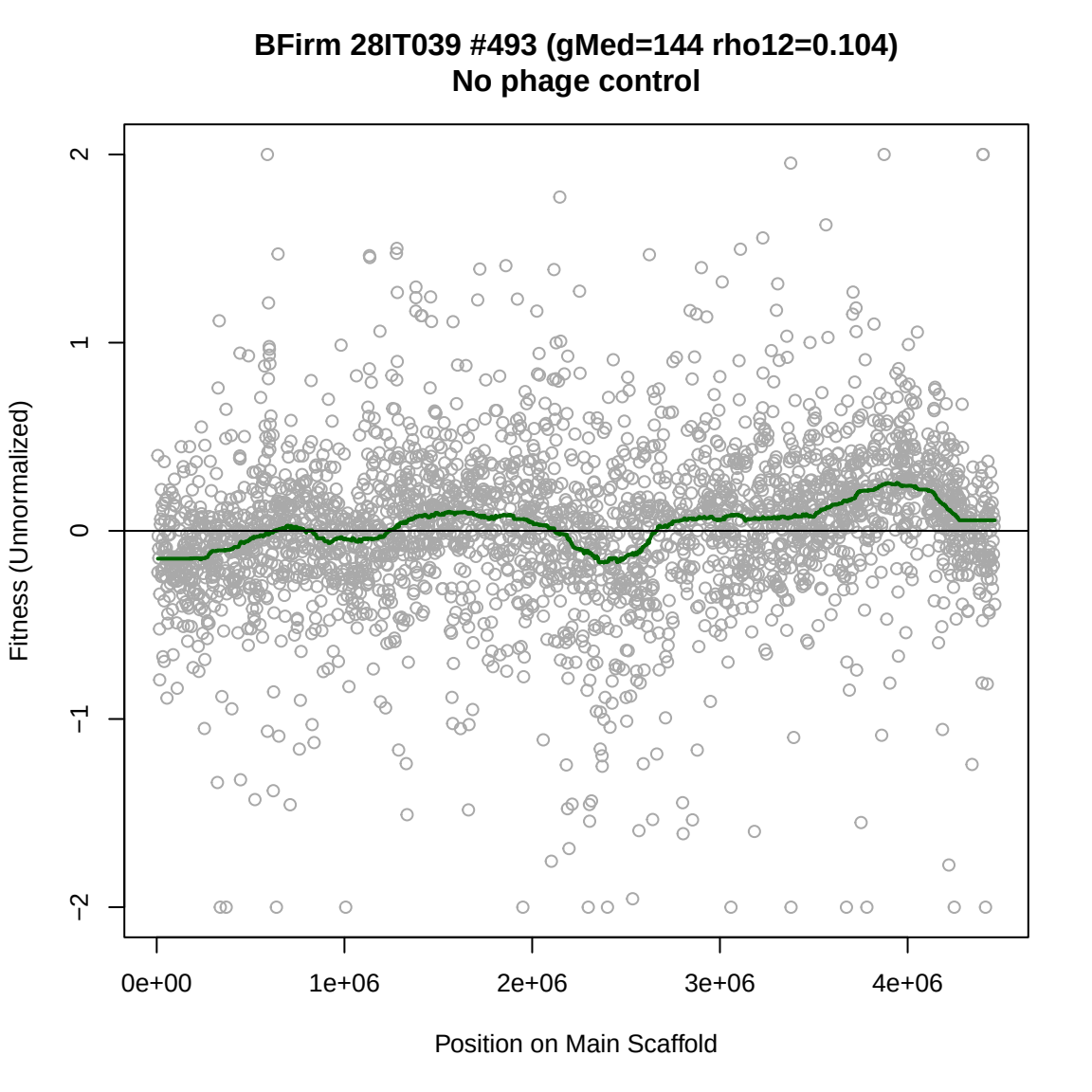

BFirm 27IT093 #488 (gMed=62 rho12=0.068)
P. phyto South MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

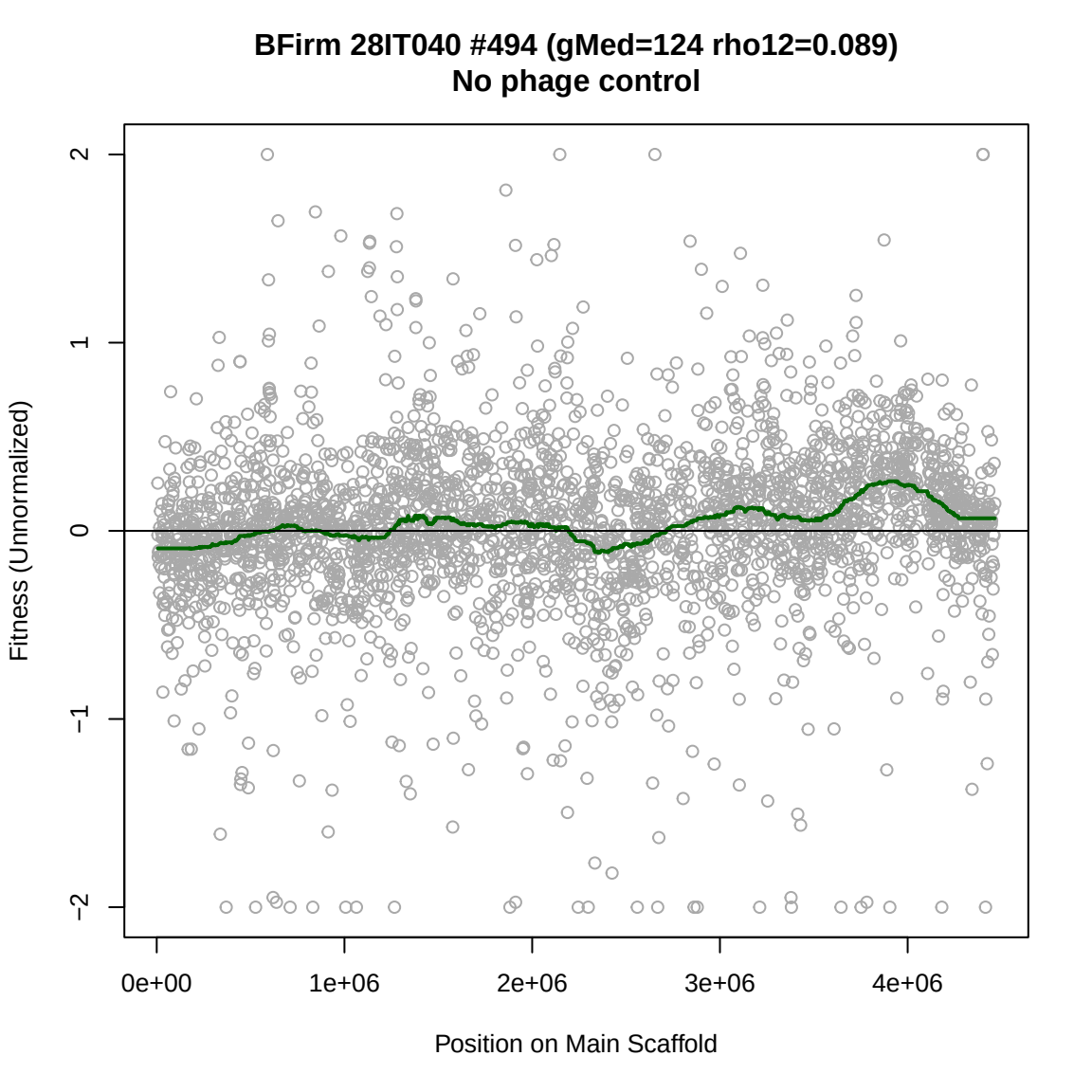

BFirm 27IT094 #489 (gMed=122 rho12=0.039)
P. phyto South MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

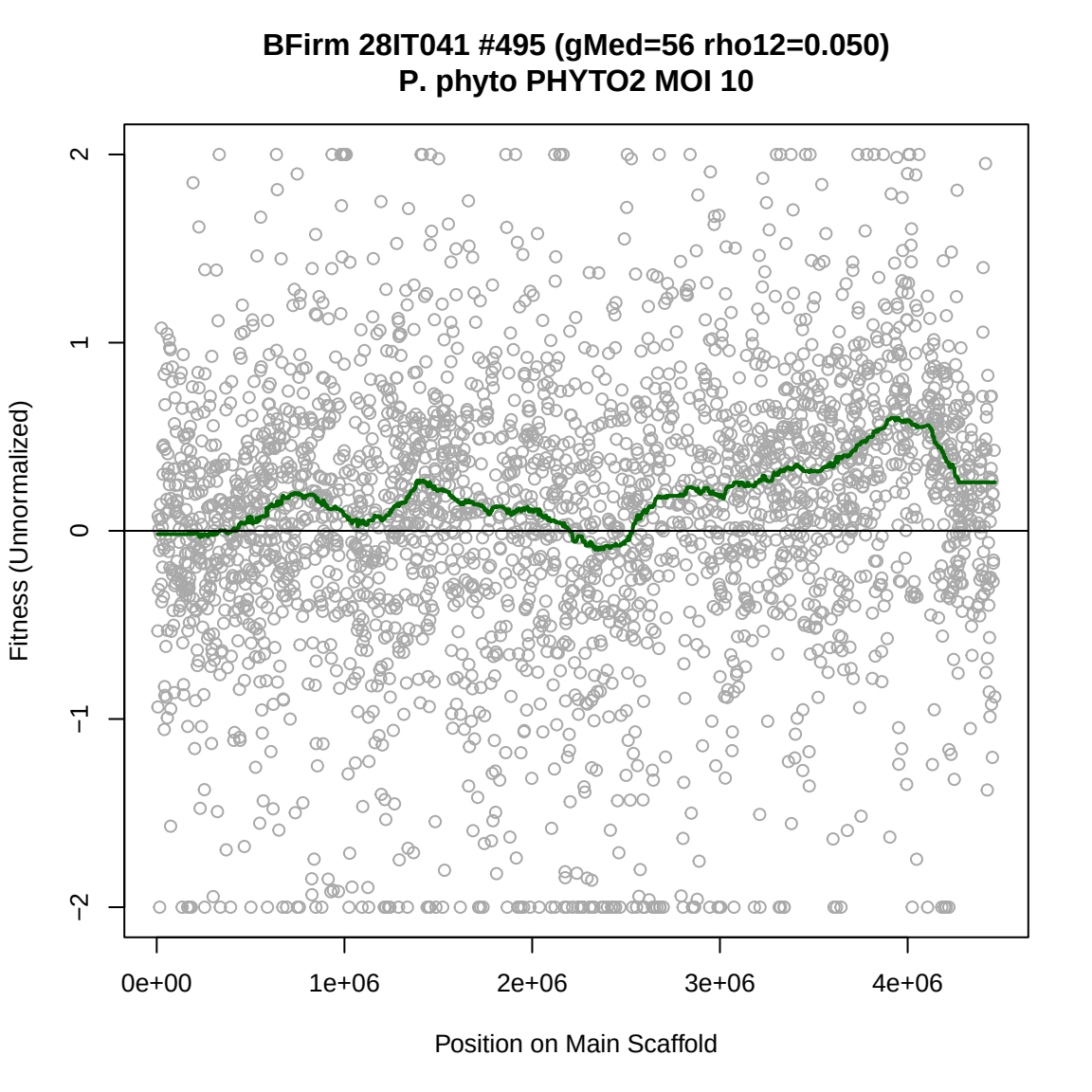

BFirm 28IT036 #490 (gMed=133 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

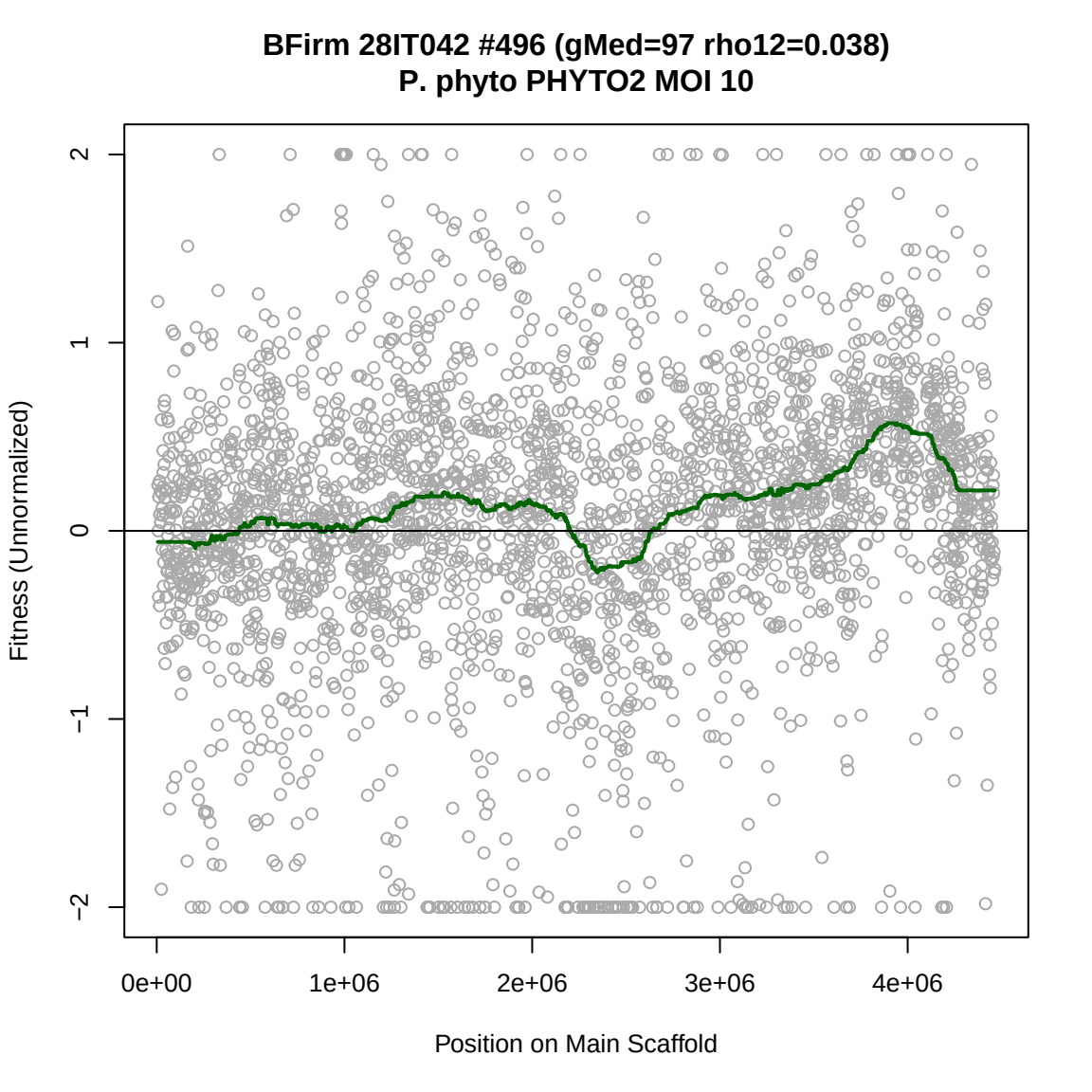

BFirm 28IT037 #491 (gMed=250 rho12=0.029)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

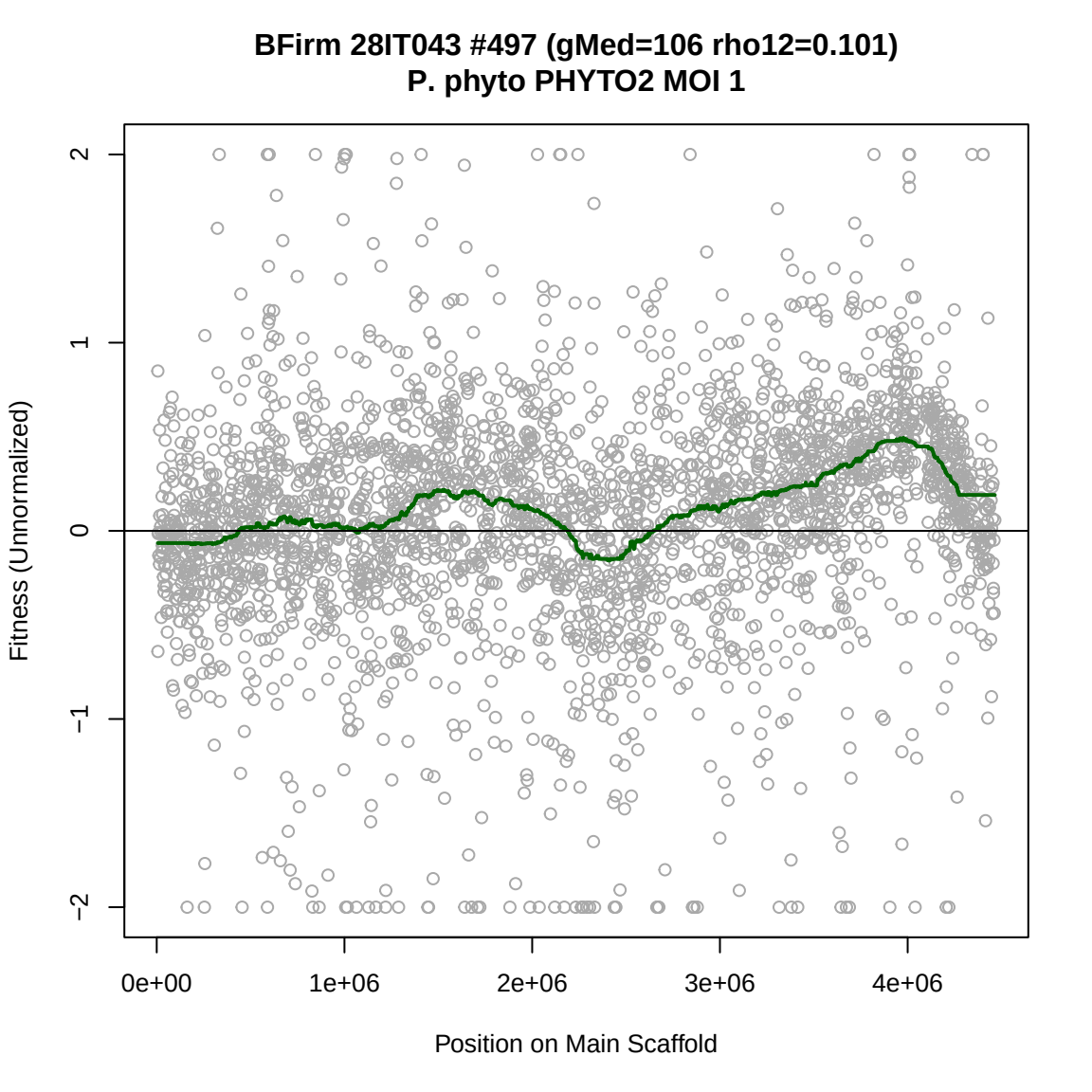

BFirm 28IT038 #492 (gMed=170 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

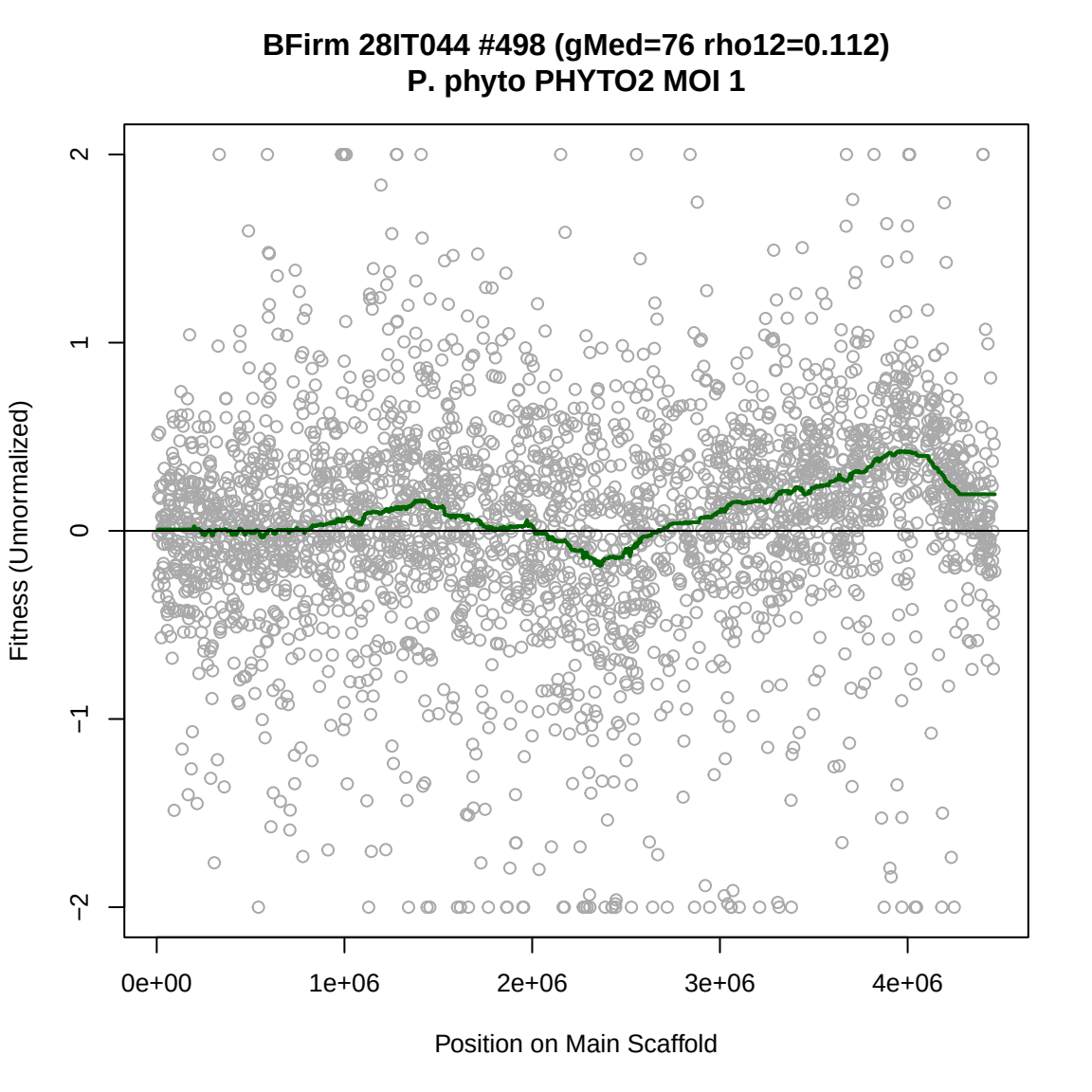

BFirm 28IT039 #493 (gMed=144 rho12=0.104)
No phage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

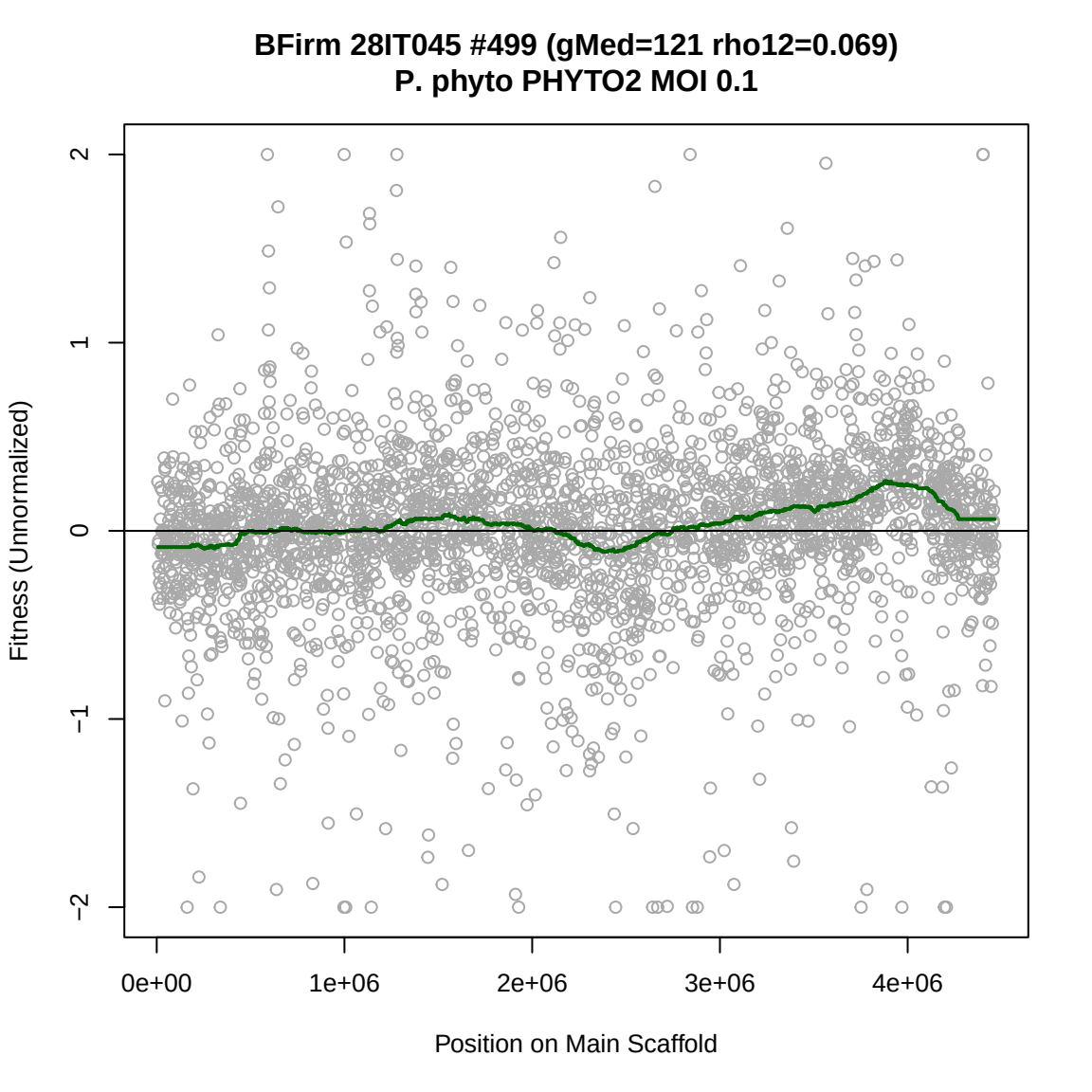

BFirm 28IT040 #494 (gMed=124 rho12=0.089)
No phage control
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

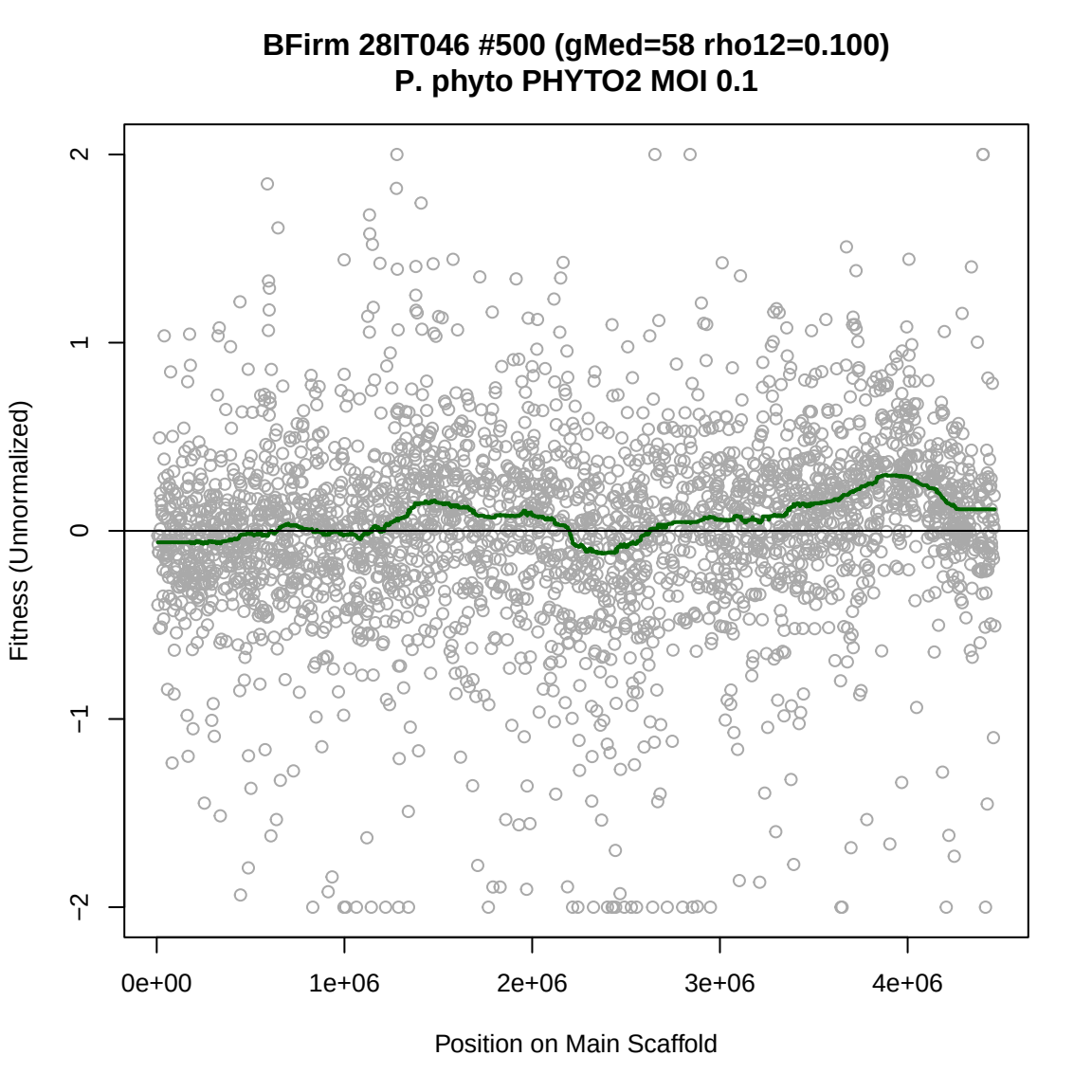

BFirm 28IT041 #495 (gMed=56 rho12=0.050)
P. phyto PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

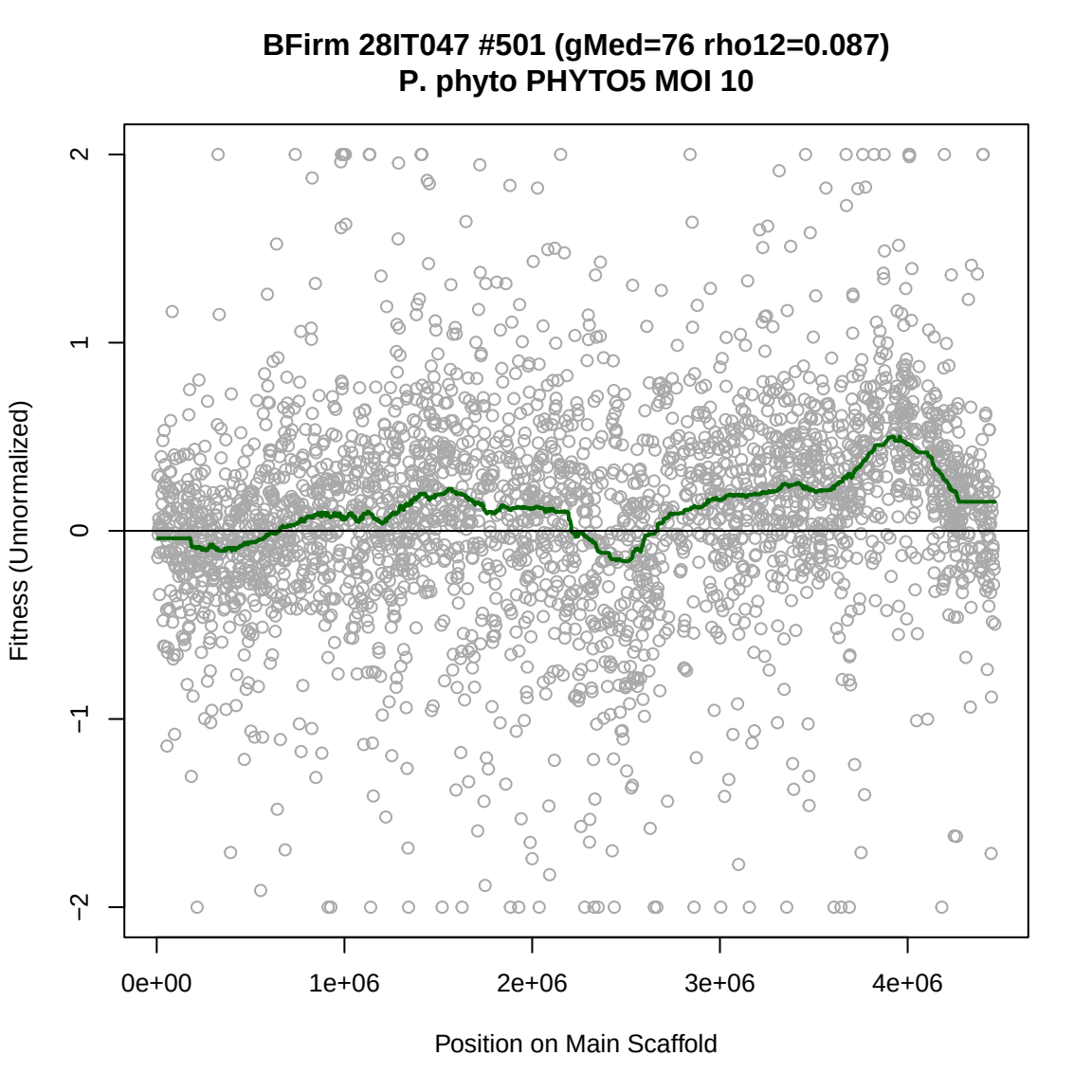

BFirm 28IT042 #496 (gMed=97 rho12=0.038)
P. phyto PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

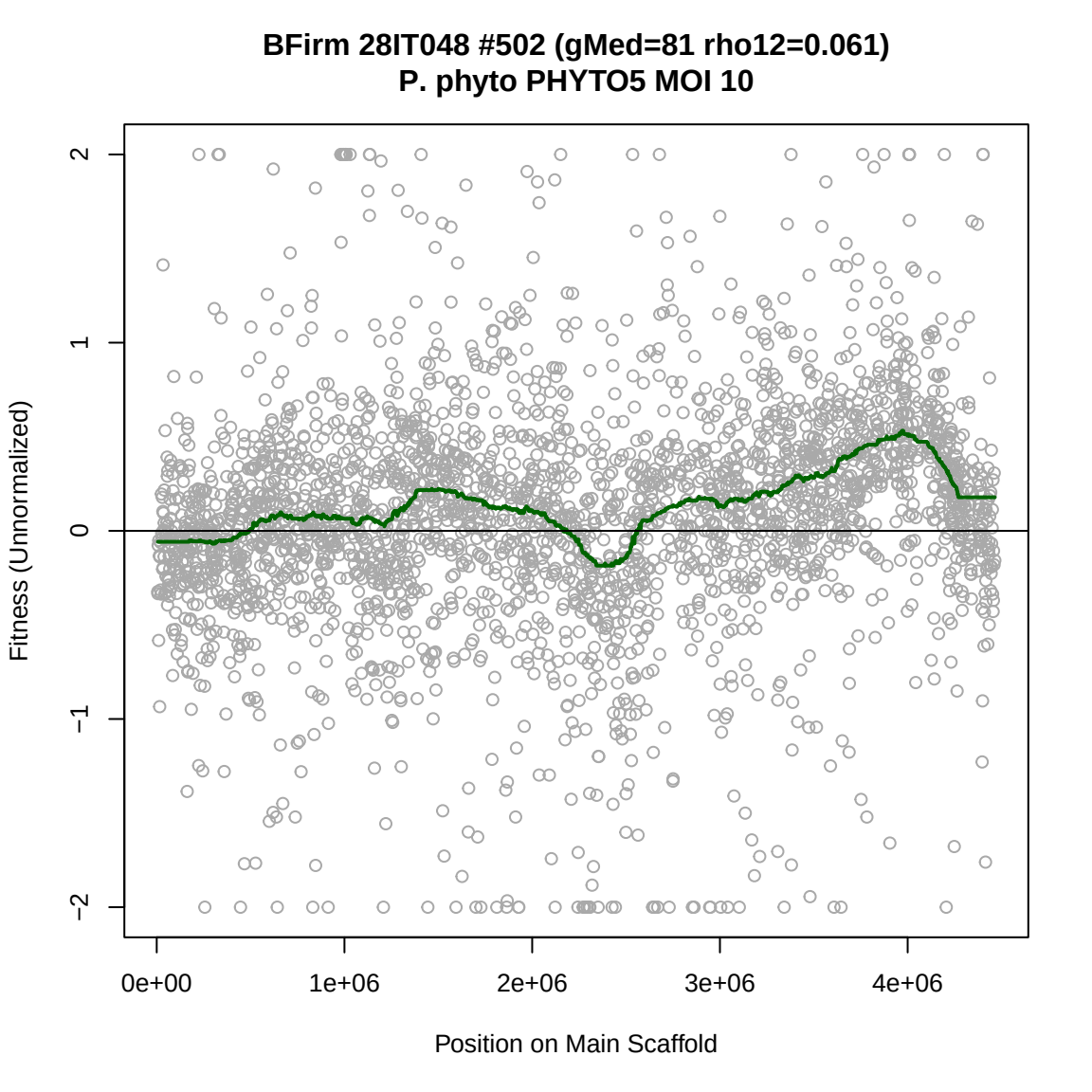

BFirm 28IT043 #497 (gMed=106 rho12=0.101)
P. phyto PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

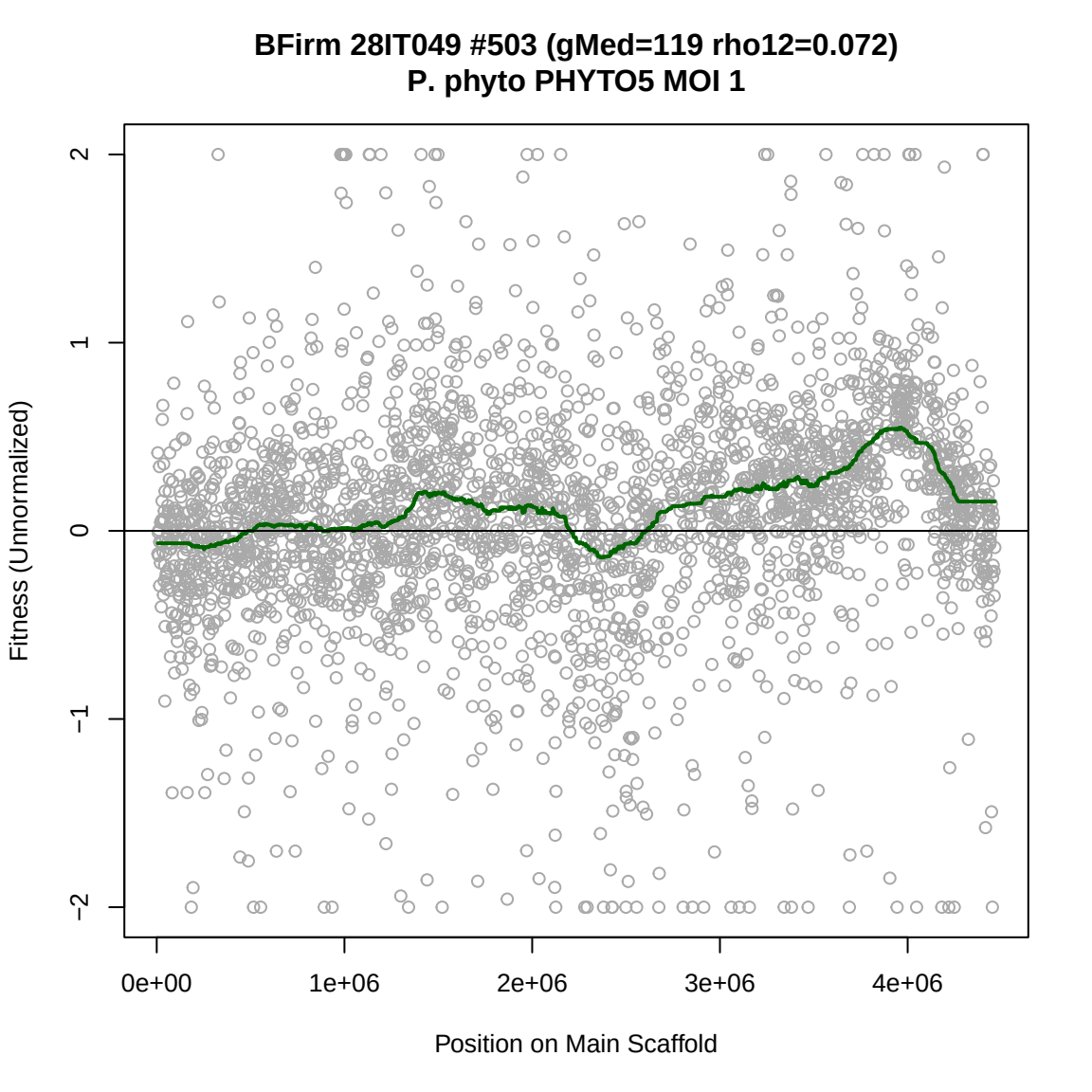

BFirm 28IT044 #498 (gMed=76 rho12=0.112)
P. phyto PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

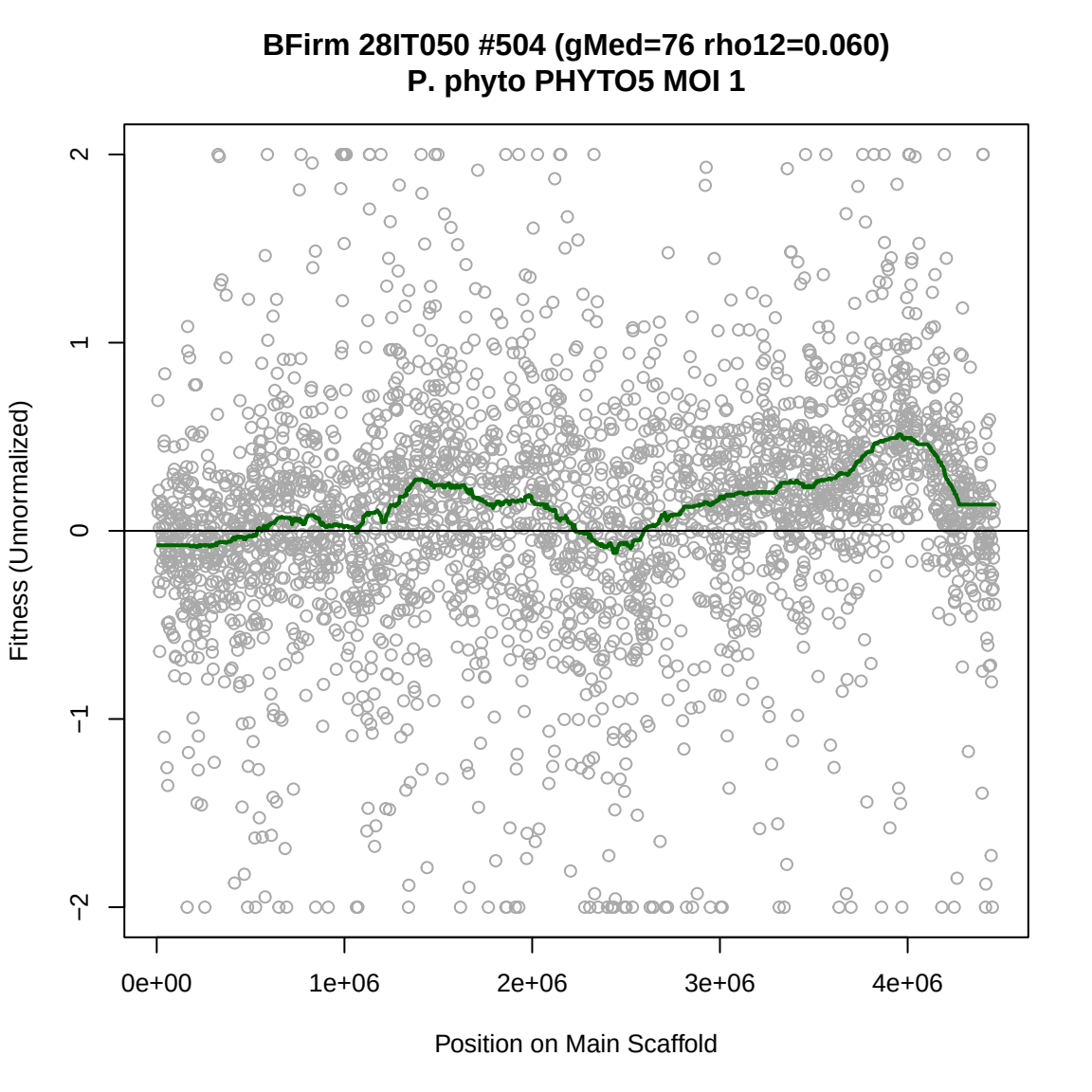

BFirm 28IT045 #499 (gMed=121 rho12=0.069)
P. phyto PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

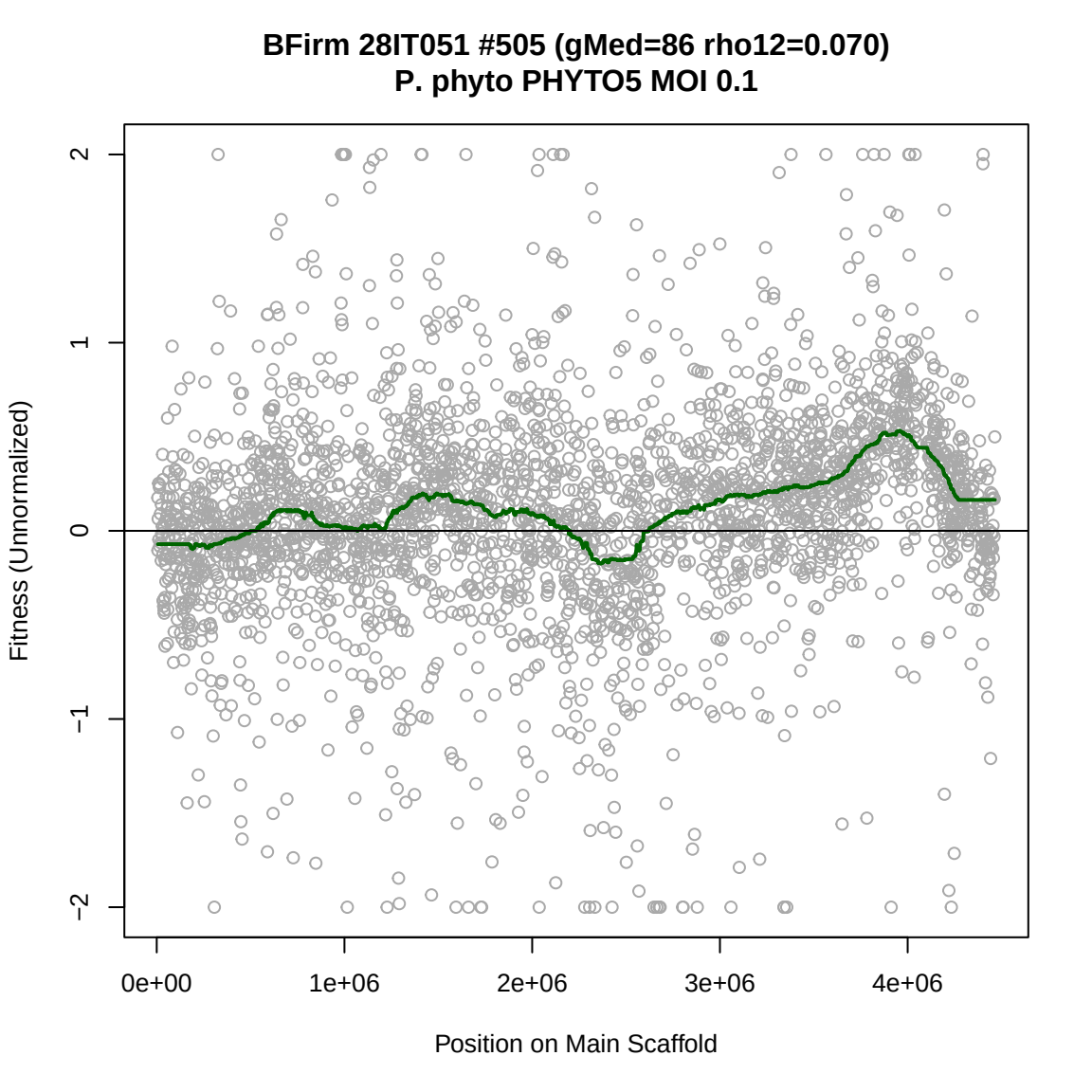

BFirm 28IT046 #500 (gMed=58 rho12=0.100)
P. phyto PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

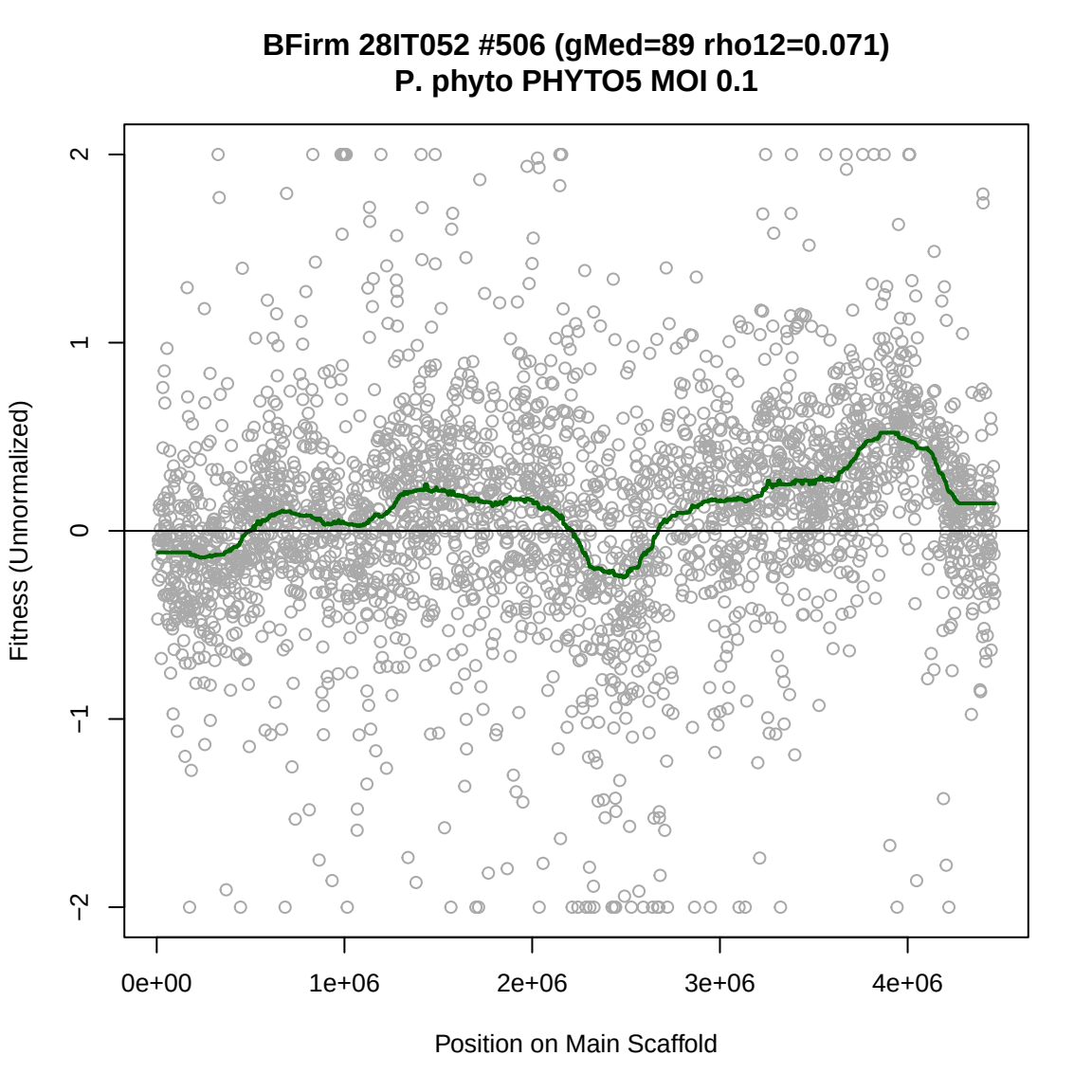

BFirm 28IT047 #501 (gMed=76 rho12=0.087)
P. phyto PHYTO5 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

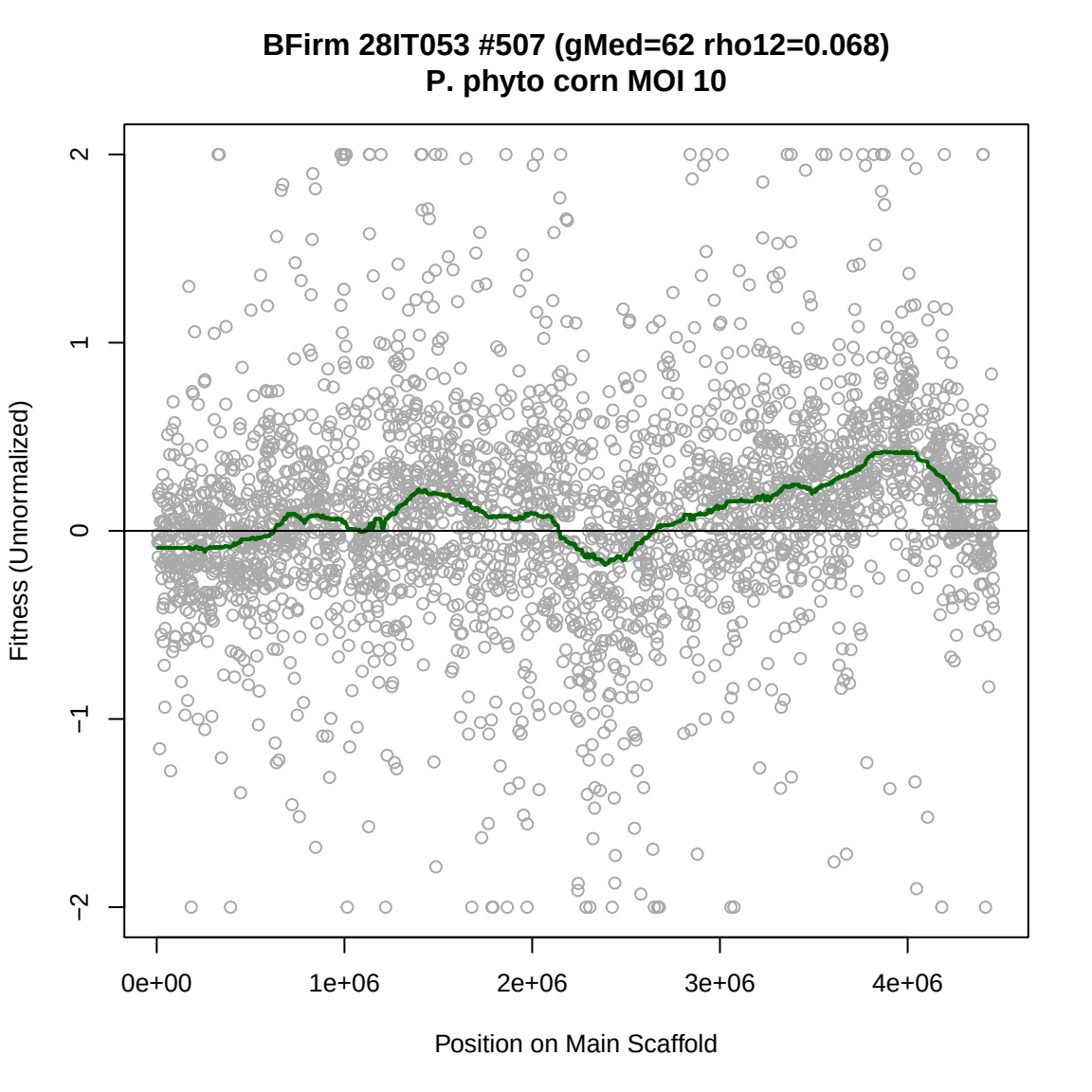

BFirm 28IT048 #502 (gMed=81 rho12=0.061)
P. phyto PHYTO5 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

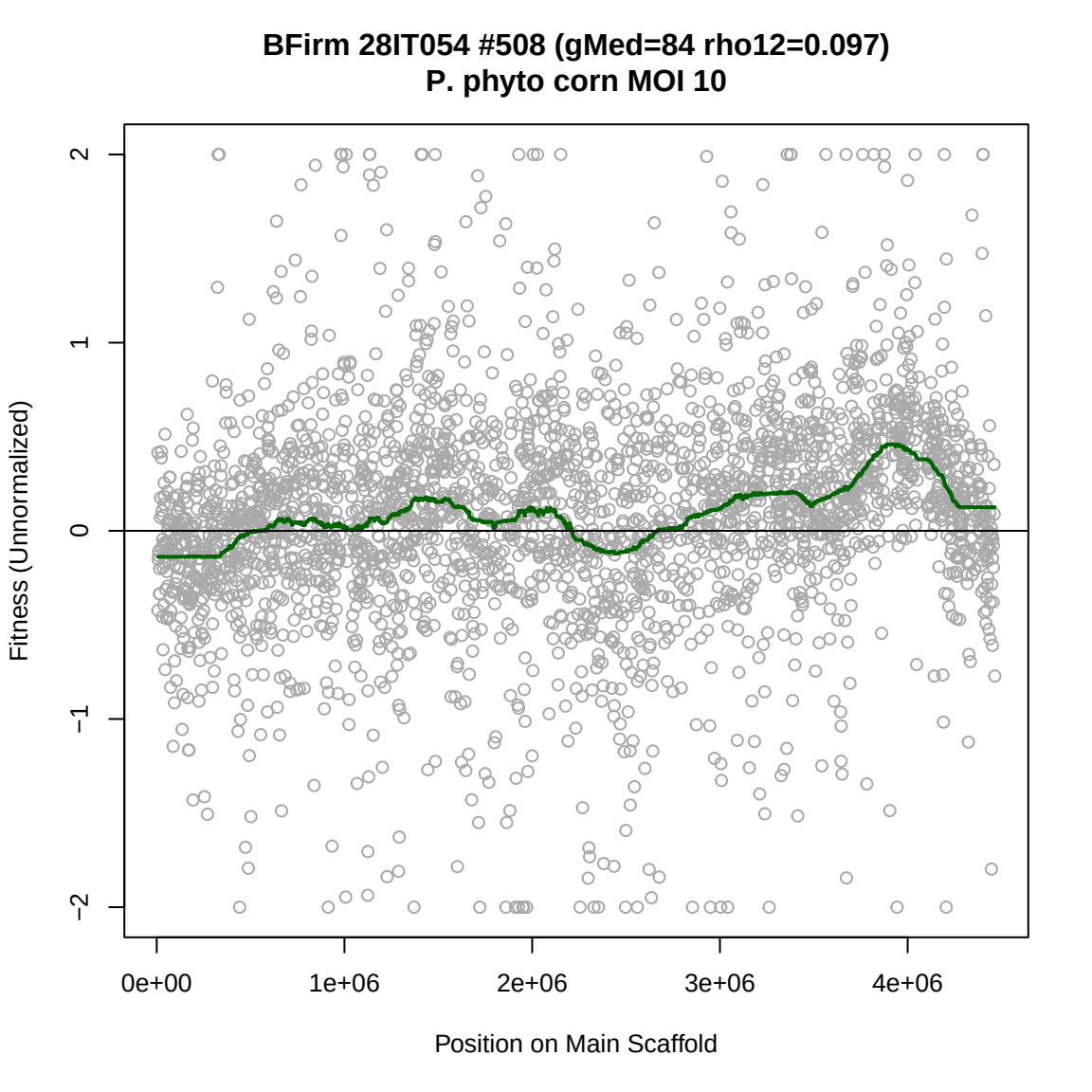

BFirm 28IT049 #503 (gMed=119 rho12=0.072)
P. phyto PHYTO5 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

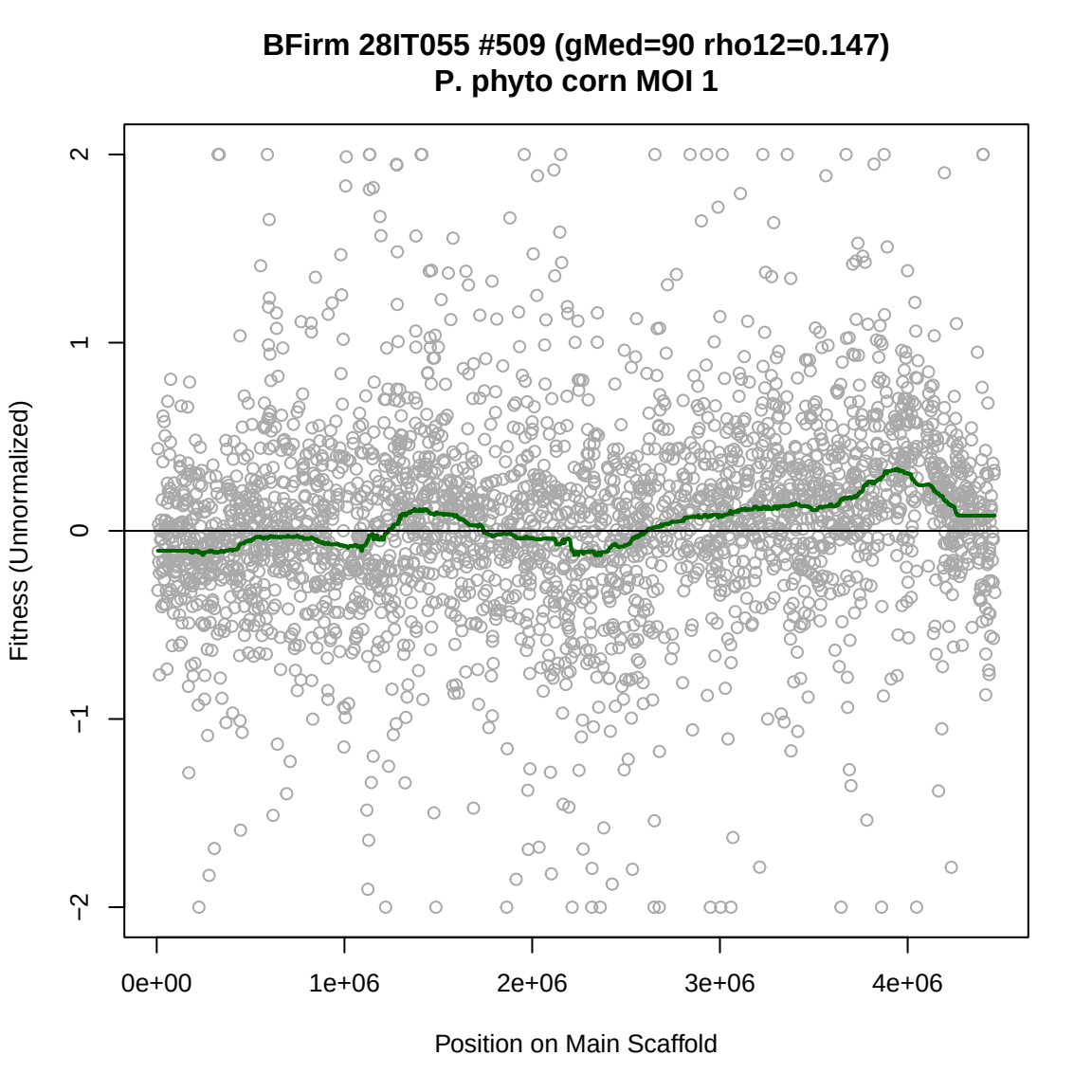

BFirm 28IT050 #504 (gMed=76 rho12=0.060)
P. phyto PHYTO5 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

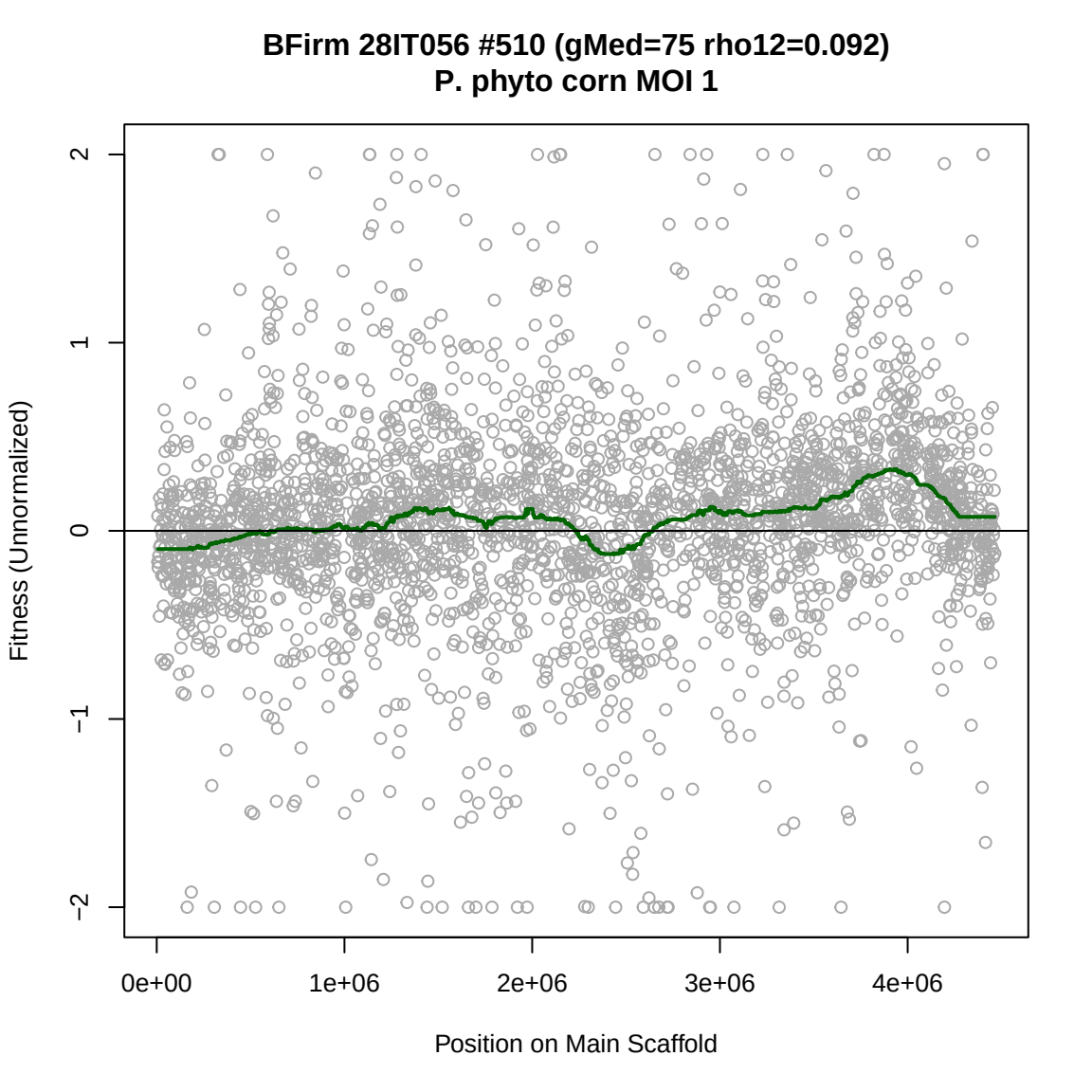

BFirm 28IT051 #505 (gMed=86 rho12=0.070)
P. phyto PHYTO5 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

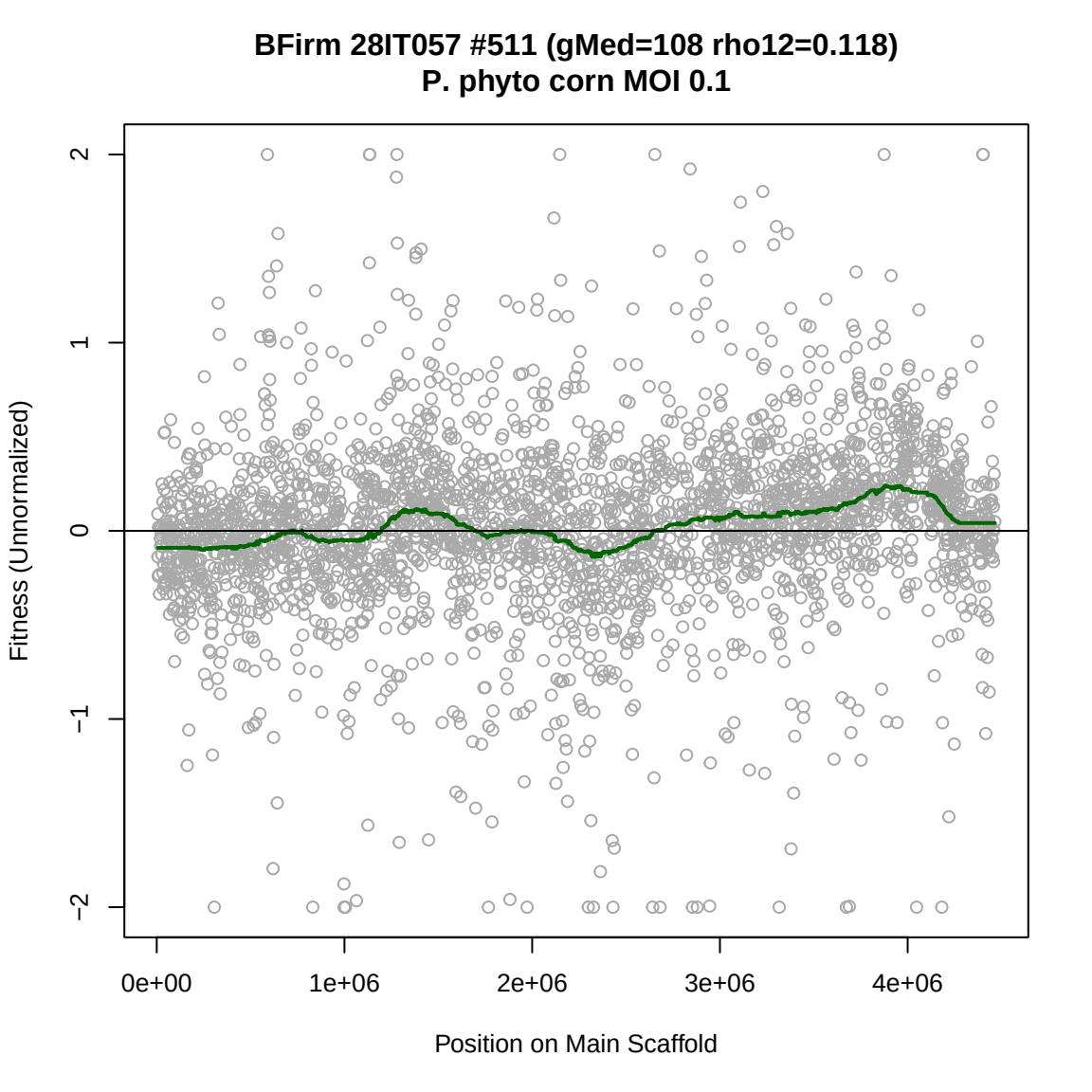

BFirm 28IT052 #506 (gMed=89 rho12=0.071)
P. phyto PHYTO5 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

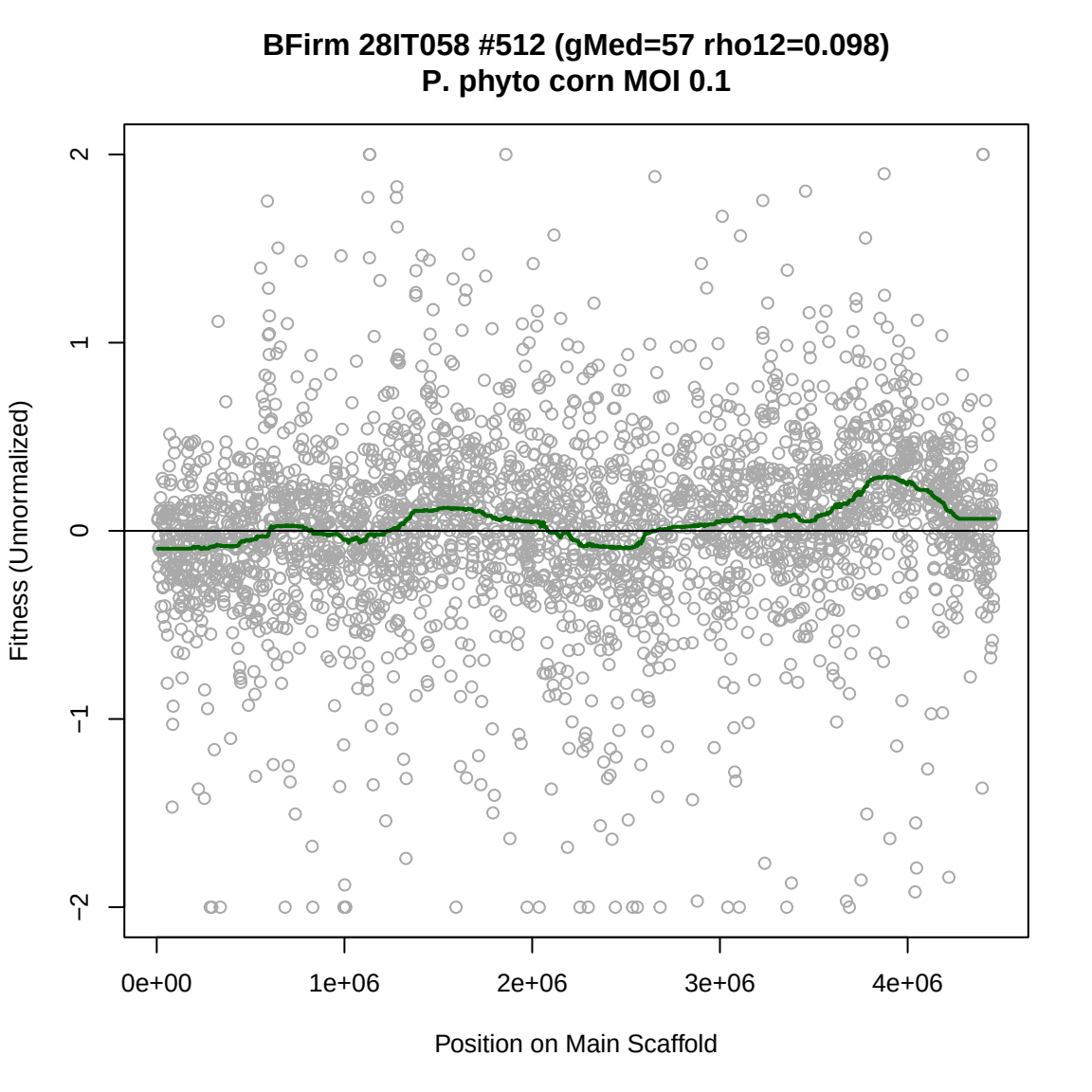

BFirm 28IT053 #507 (gMed=62 rho12=0.068)
P. phyto corn MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

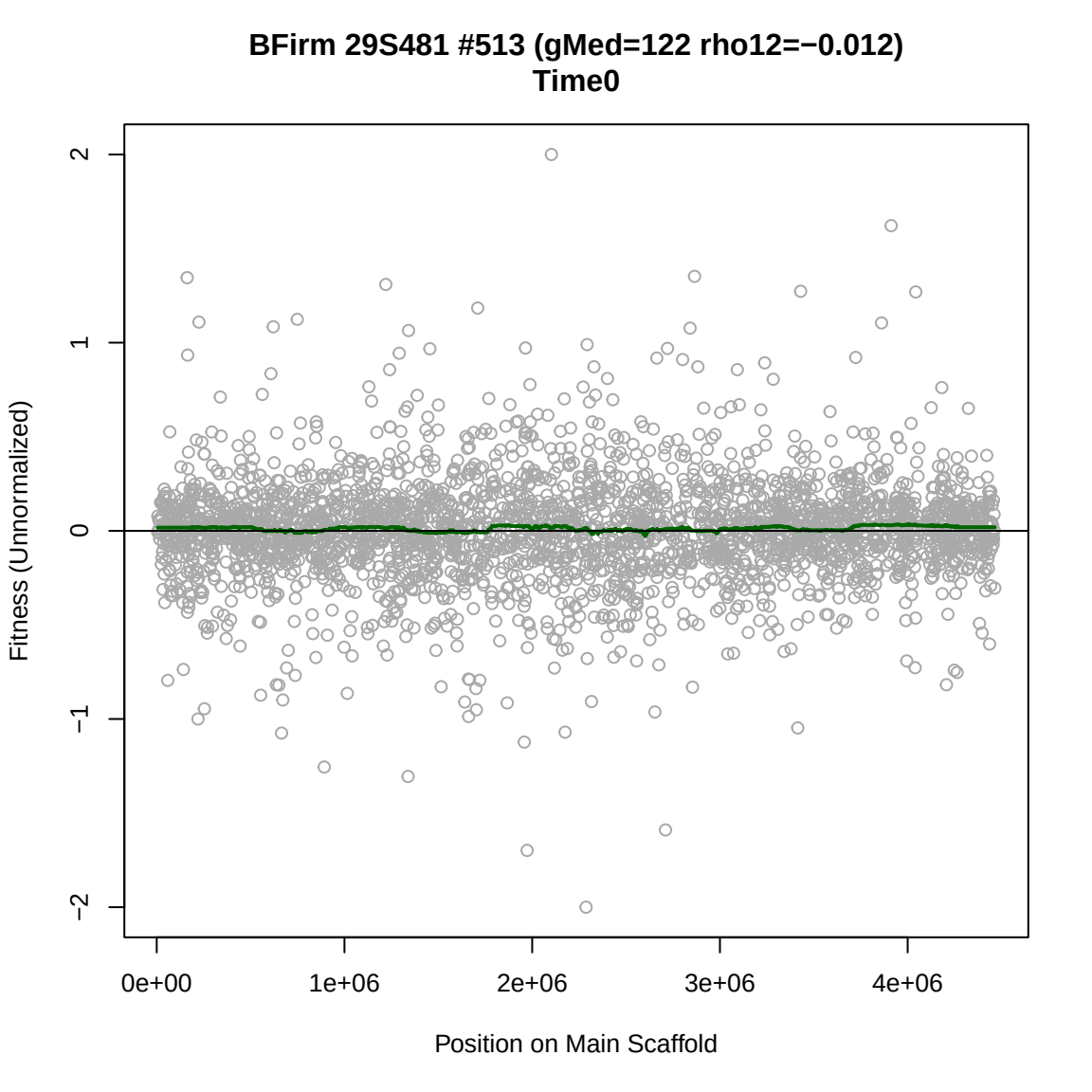

BFirm 28IT054 #508 (gMed=84 rho12=0.097)
P. phyto corn MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

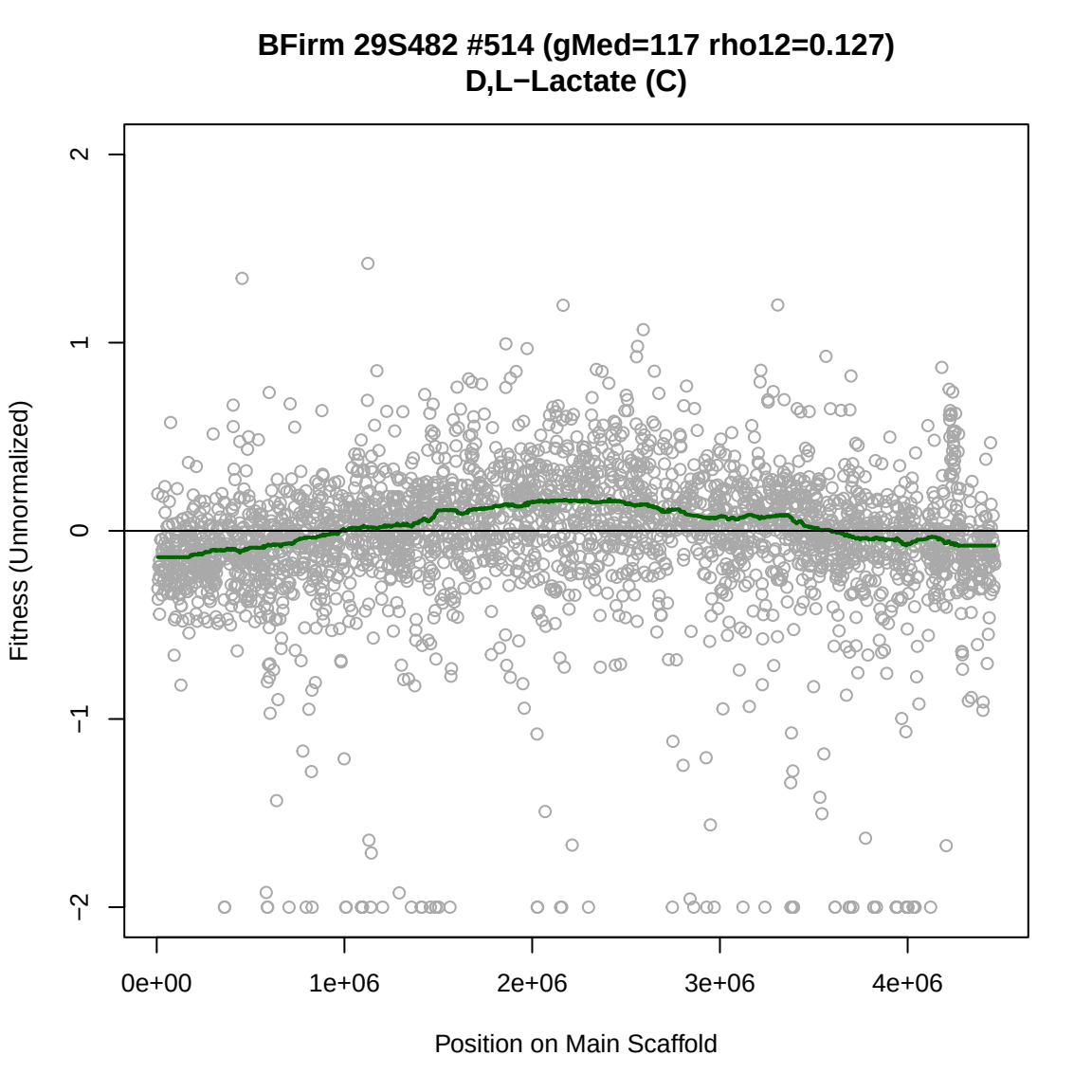

BFirm 28IT055 #509 (gMed=90 rho12=0.147)
P. phyto corn MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

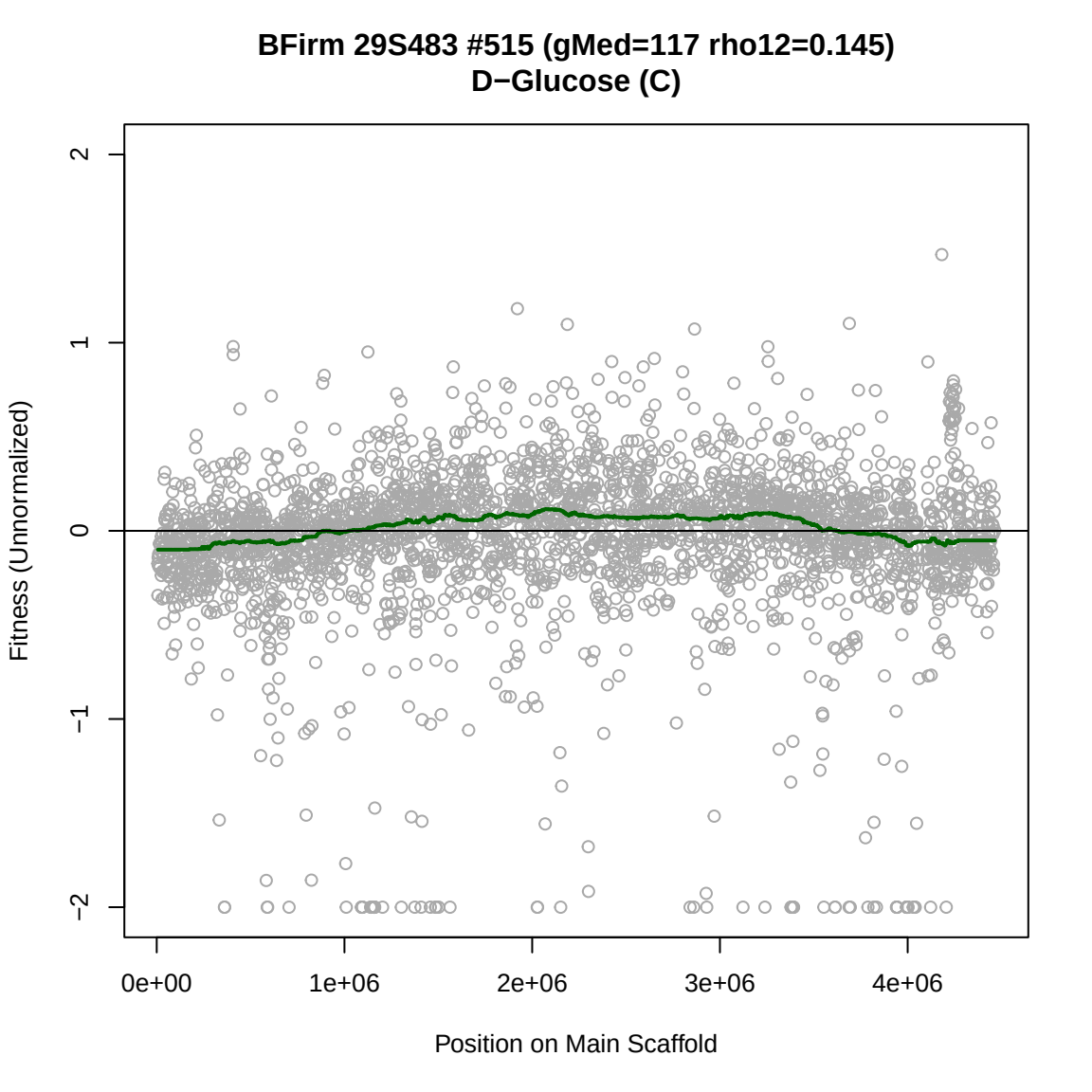

BFirm 28IT056 #510 (gMed=75 rho12=0.092)
P. phyto corn MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

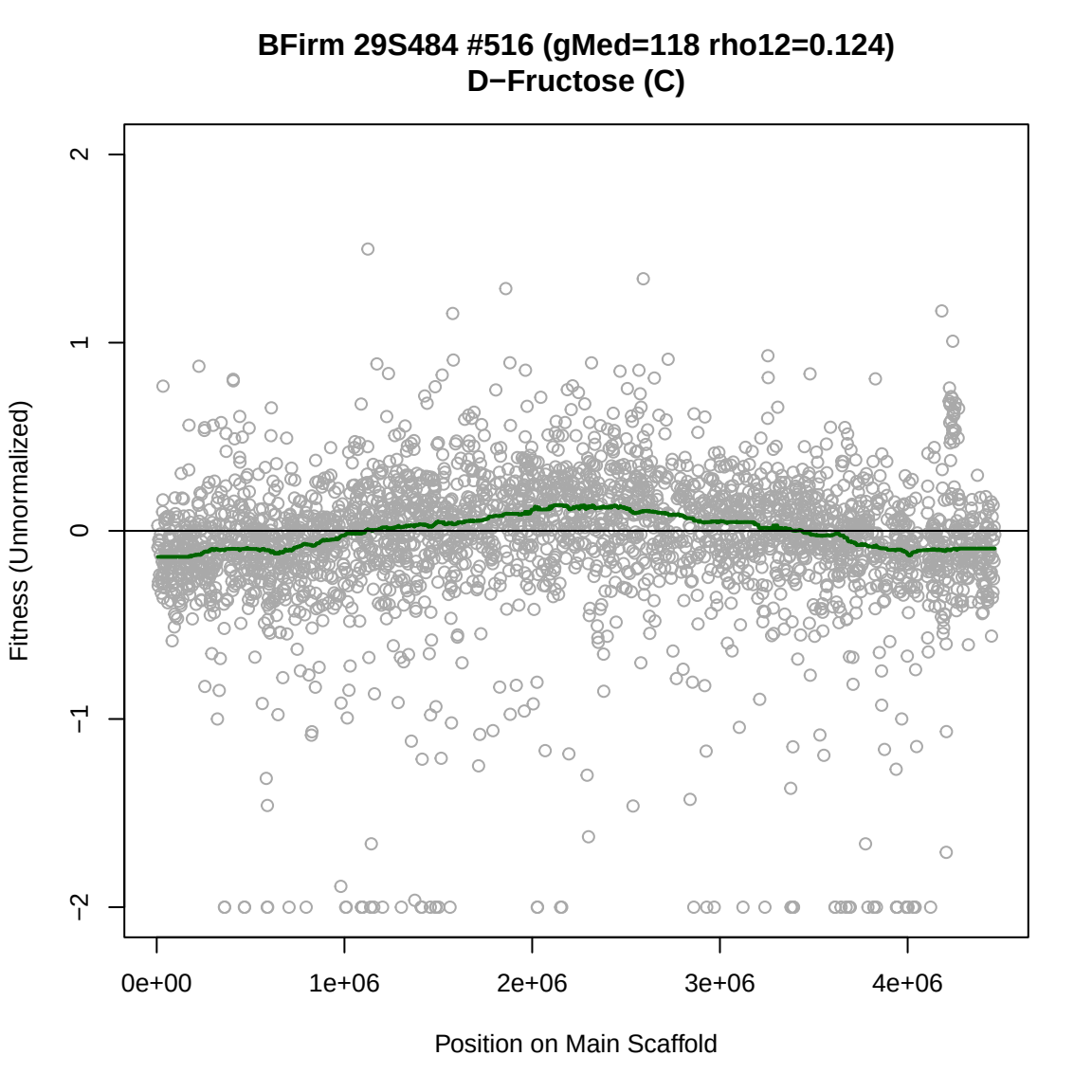

BFirm 28IT057 #511 (gMed=108 rho12=0.118)
P. phyto corn MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

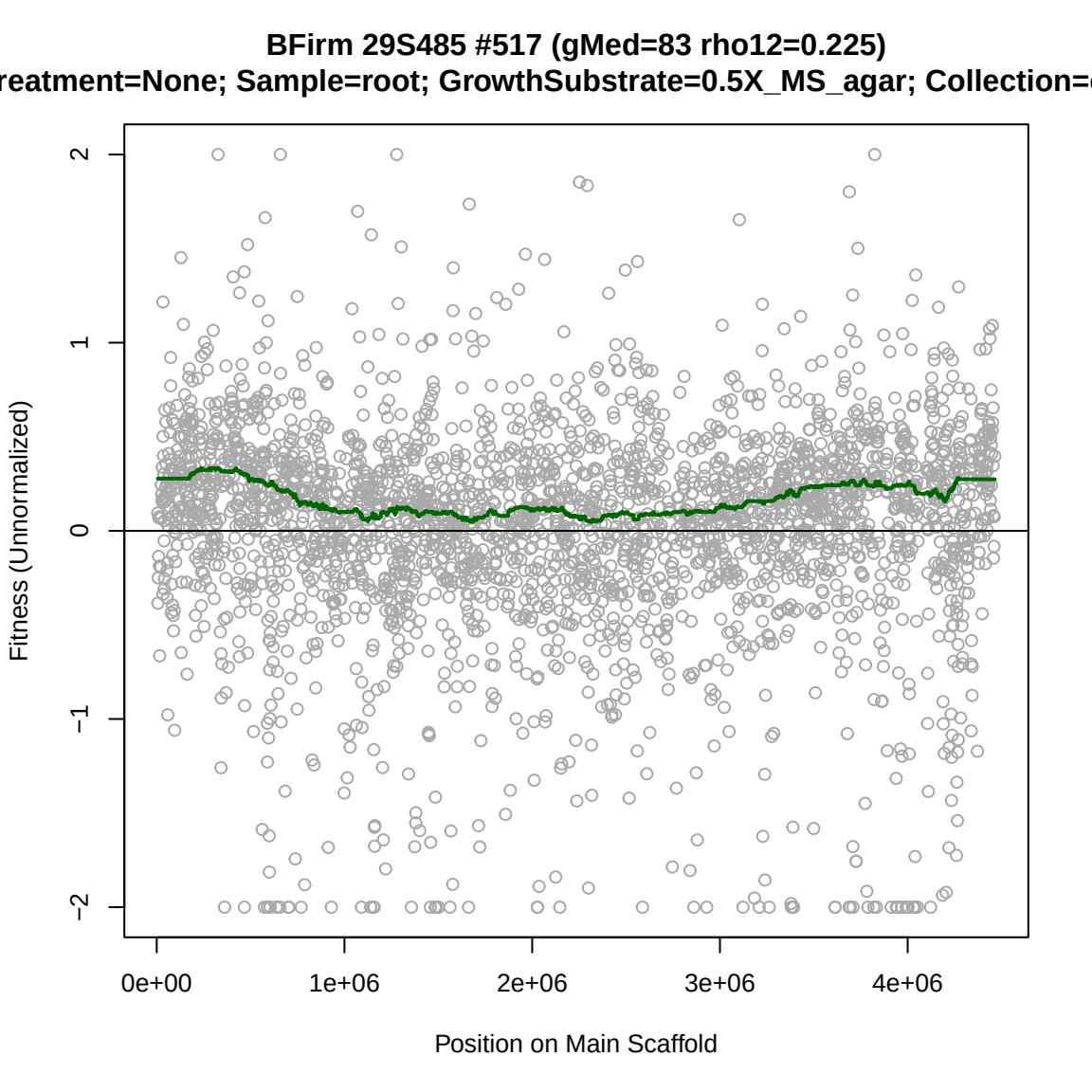

BFirm 28IT058 #512 (gMed=57 rho12=0.098)
P. phyto corn MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

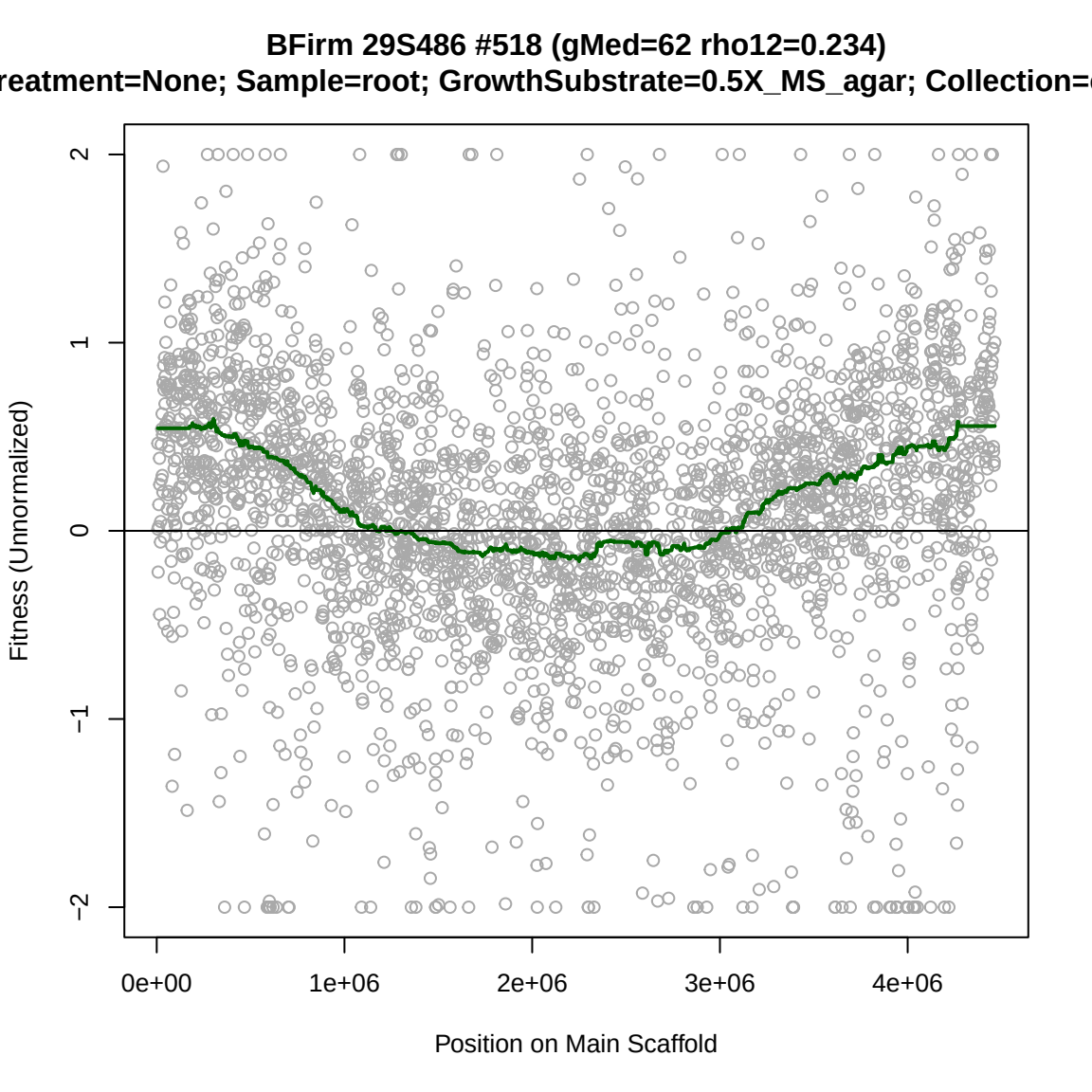

BFirm 29S481 #513 (gMed=122 rho12=−0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

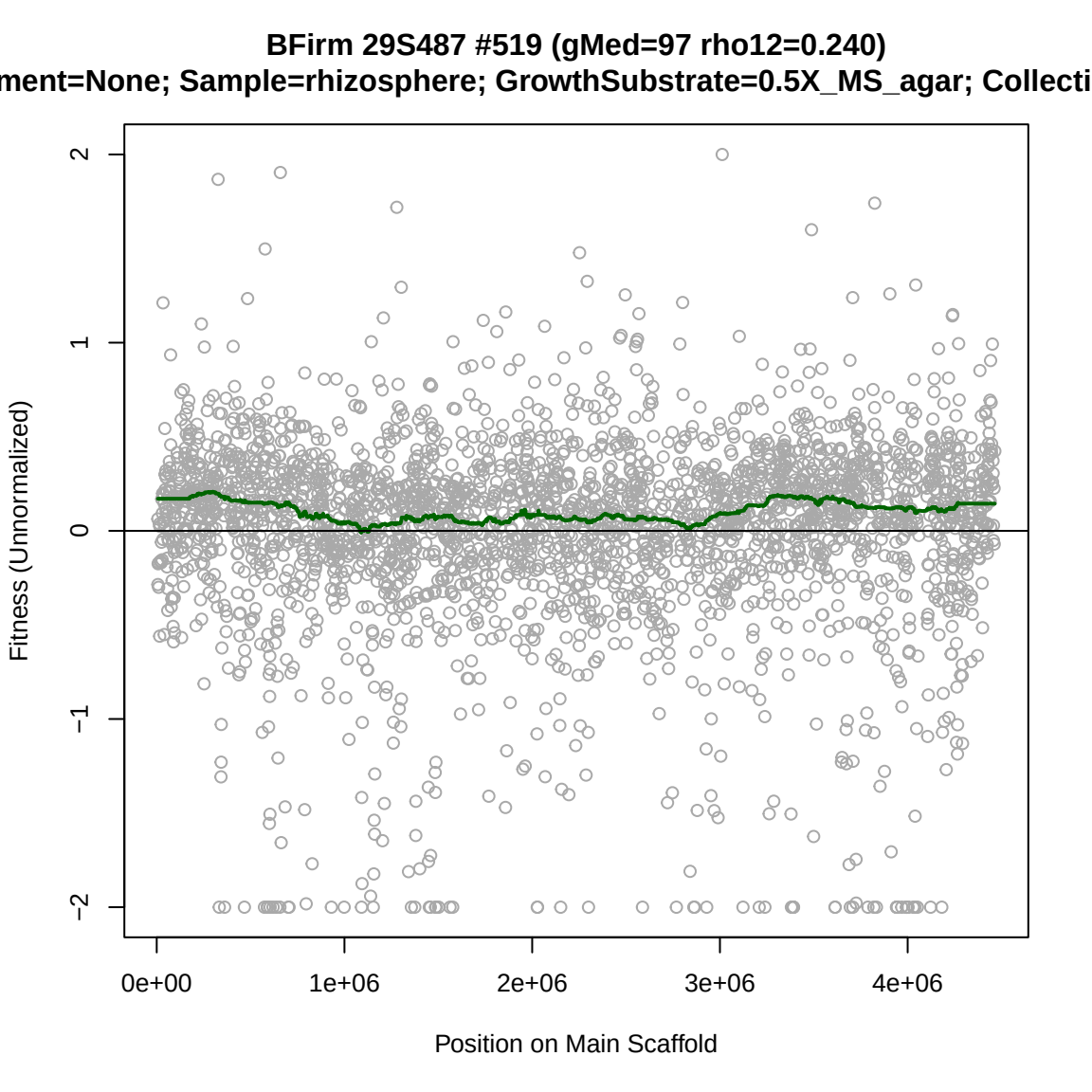

BFirm 29S482 #514 (gMed=117 rho12=0.127)
D,L−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

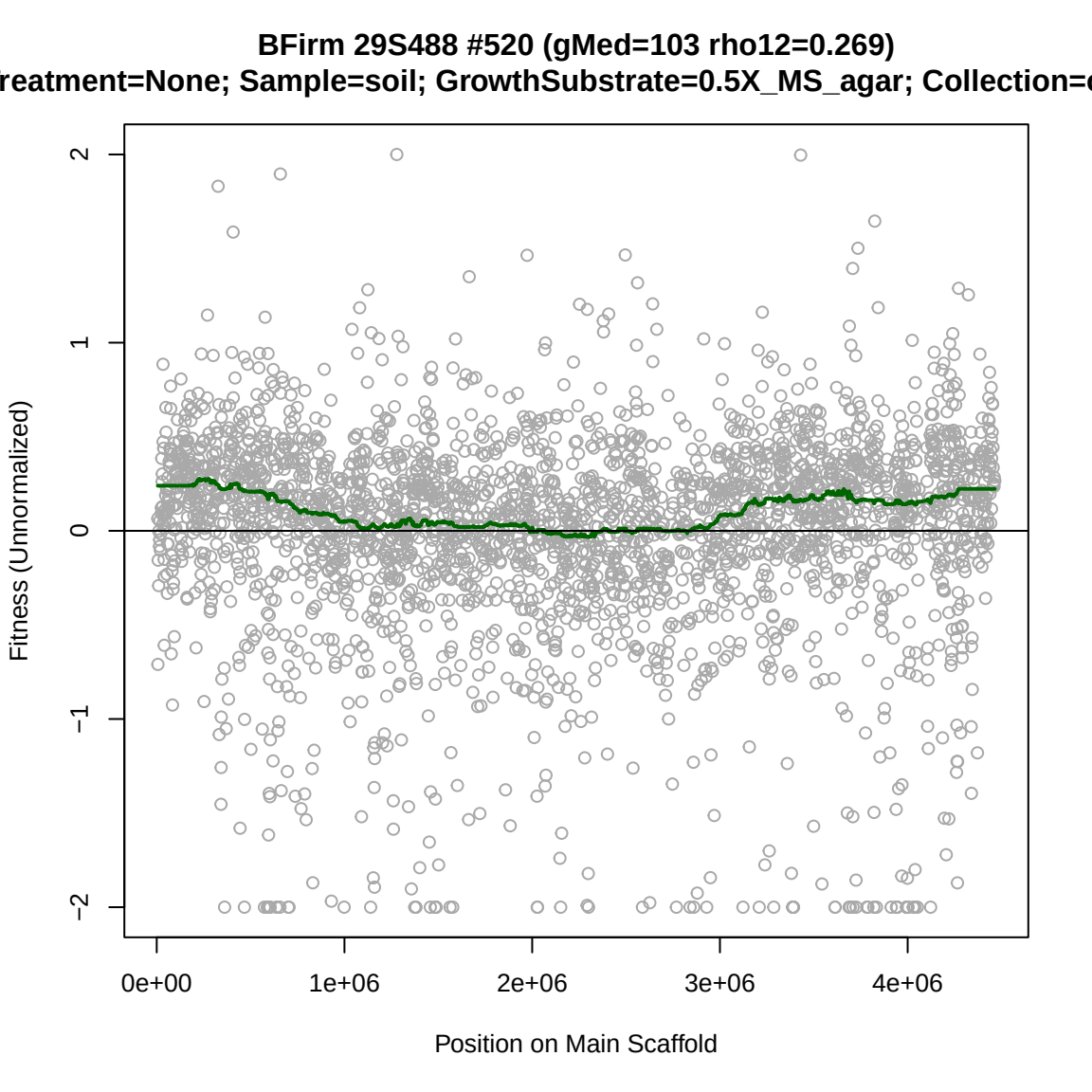

BFirm 29S483 #515 (gMed=117 rho12=0.145)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

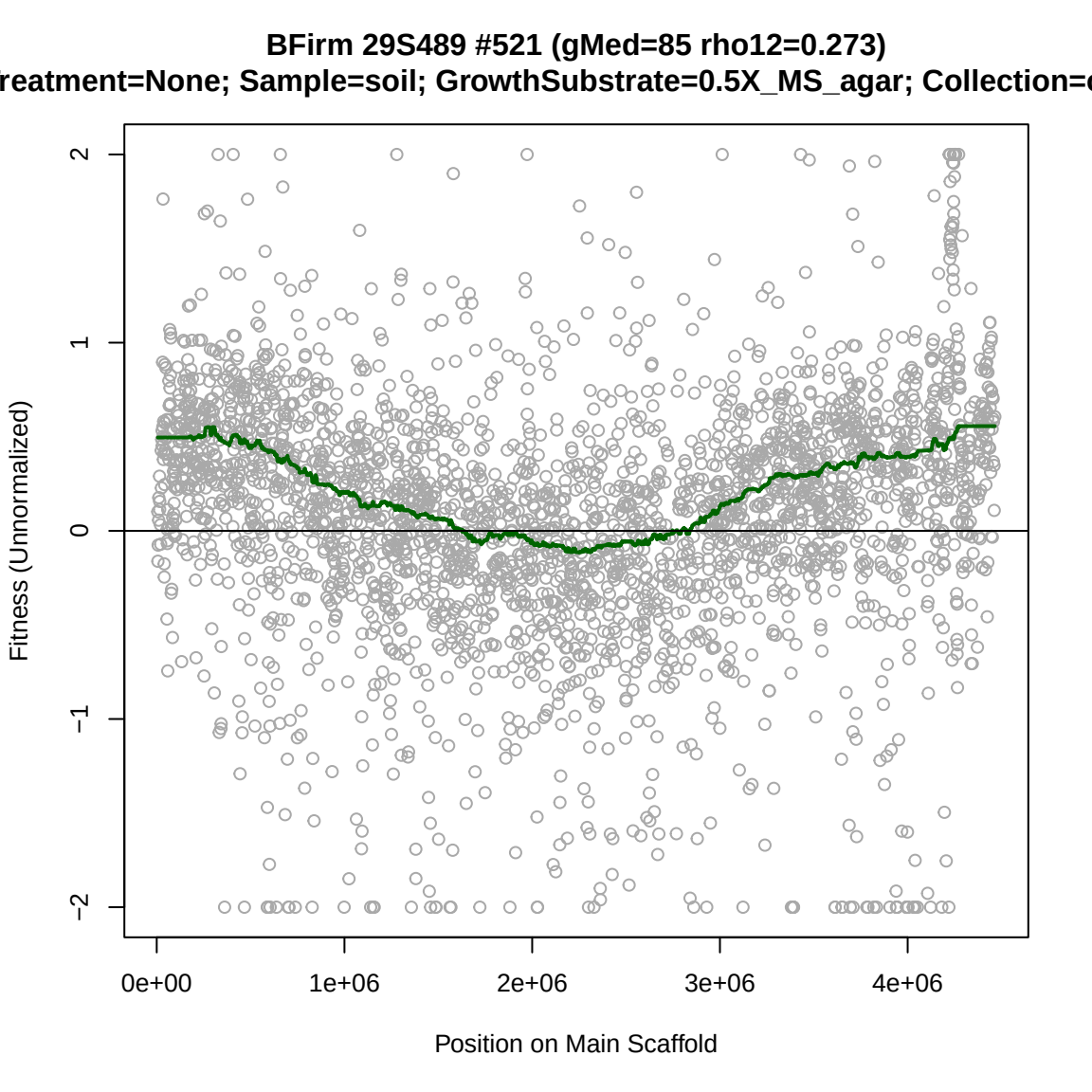

BFirm 29S484 #516 (gMed=118 rho12=0.124)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

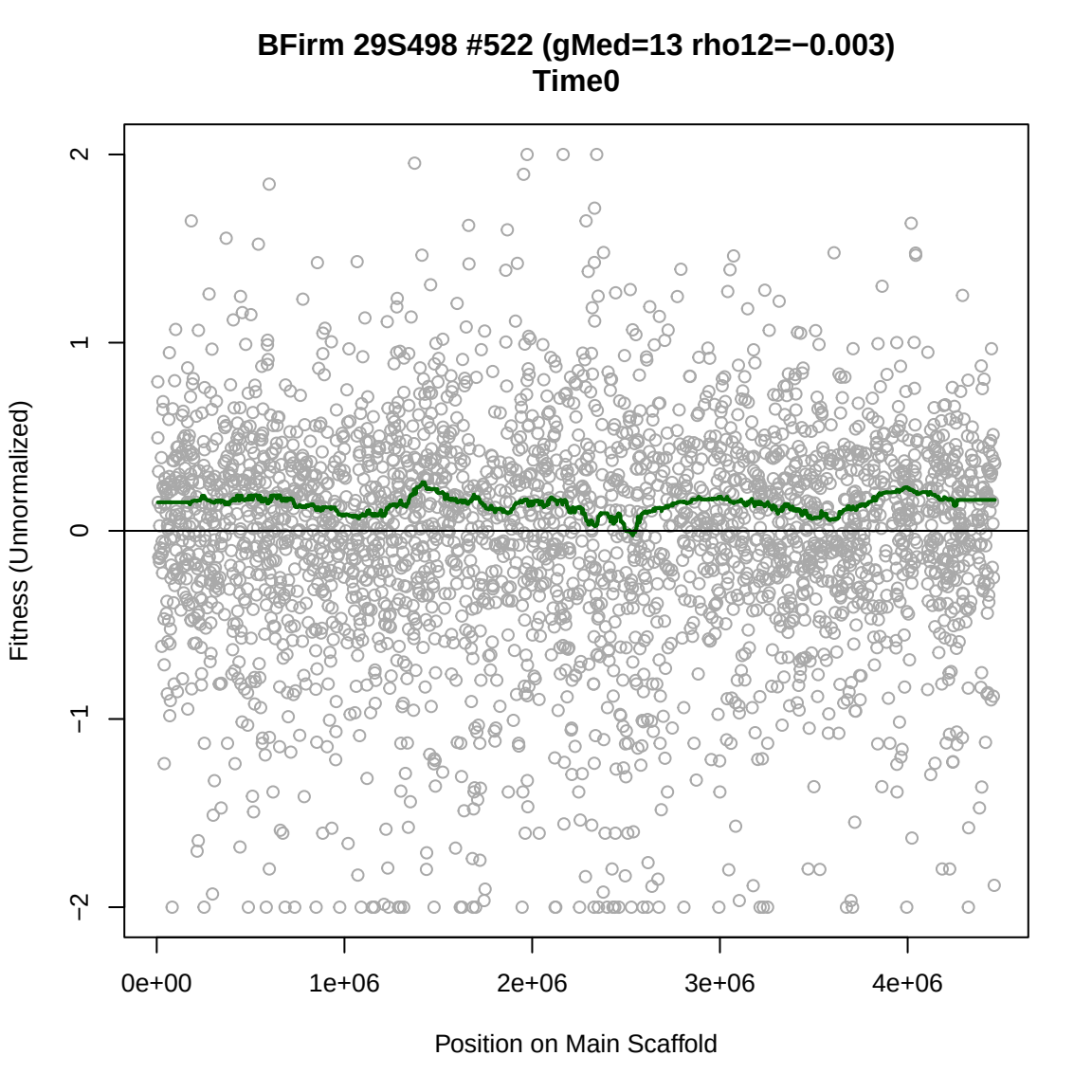

BFirm 29S485 #517 (gMed=83 rho12=0.225)
reatment=None; Sample=root; GrowthSubstrate=0.5X_MS_agar; Collection=
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

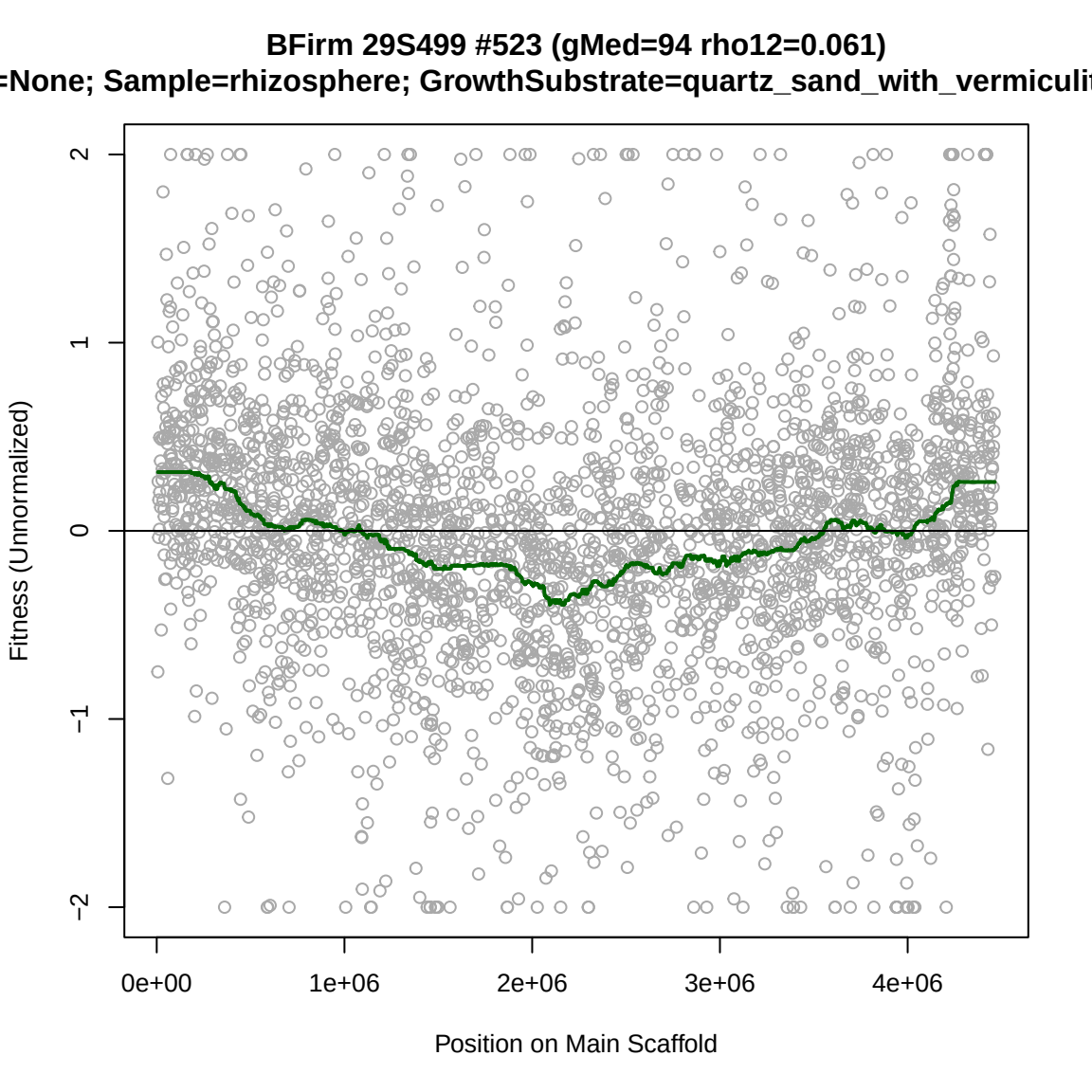

BFirm 29S486 #518 (gMed=62 rho12=0.234)
reatment=None; Sample=root; GrowthSubstrate=0.5X_MS_agar; Collection=
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

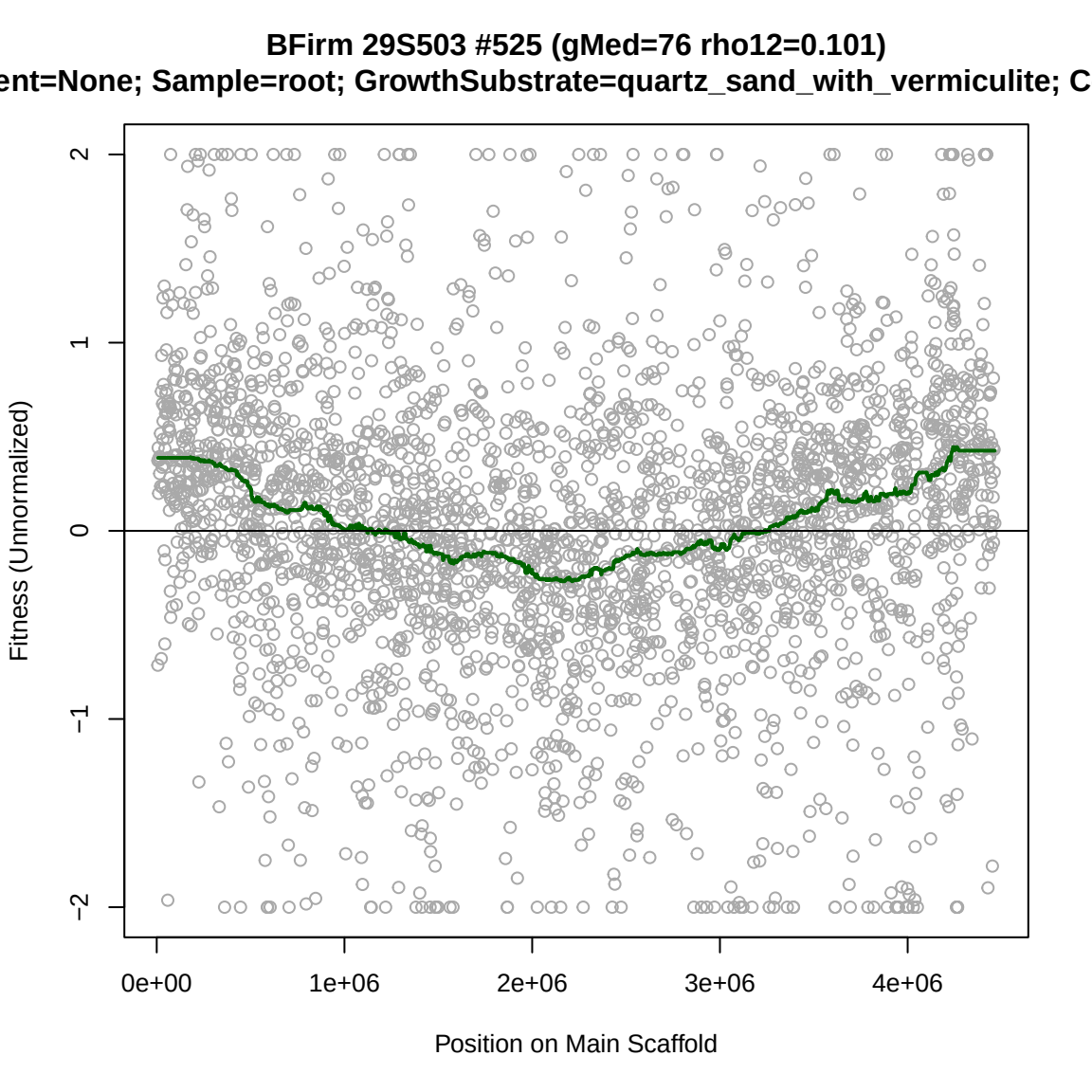

BFirm 29S487 #519 (gMed=97 rho12=0.240)
ment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collecti
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

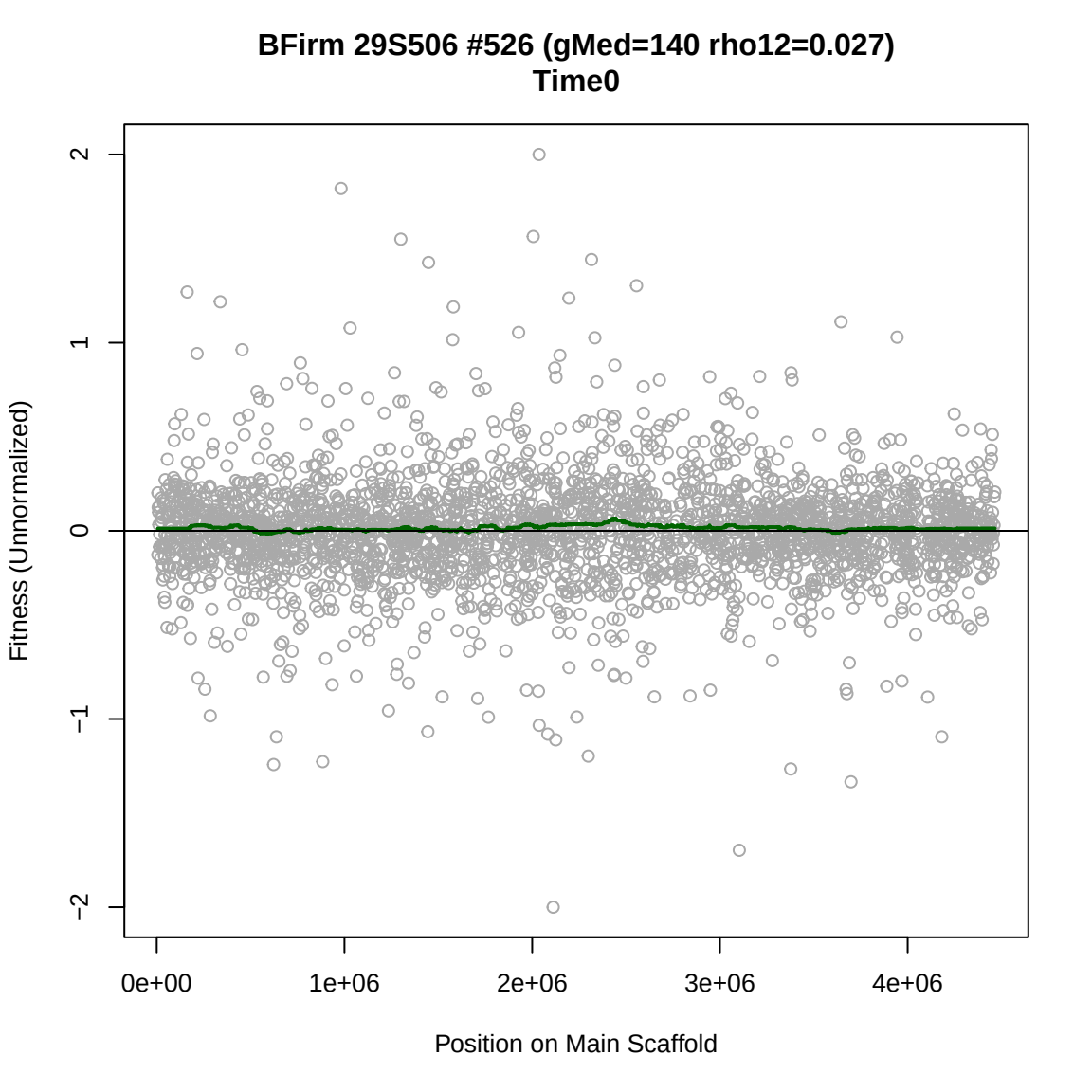

BFirm 29S488 #520 (gMed=103 rho12=0.269)
reatment=None; Sample=soil; GrowthSubstrate=0.5X_MS_agar; Collection=c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

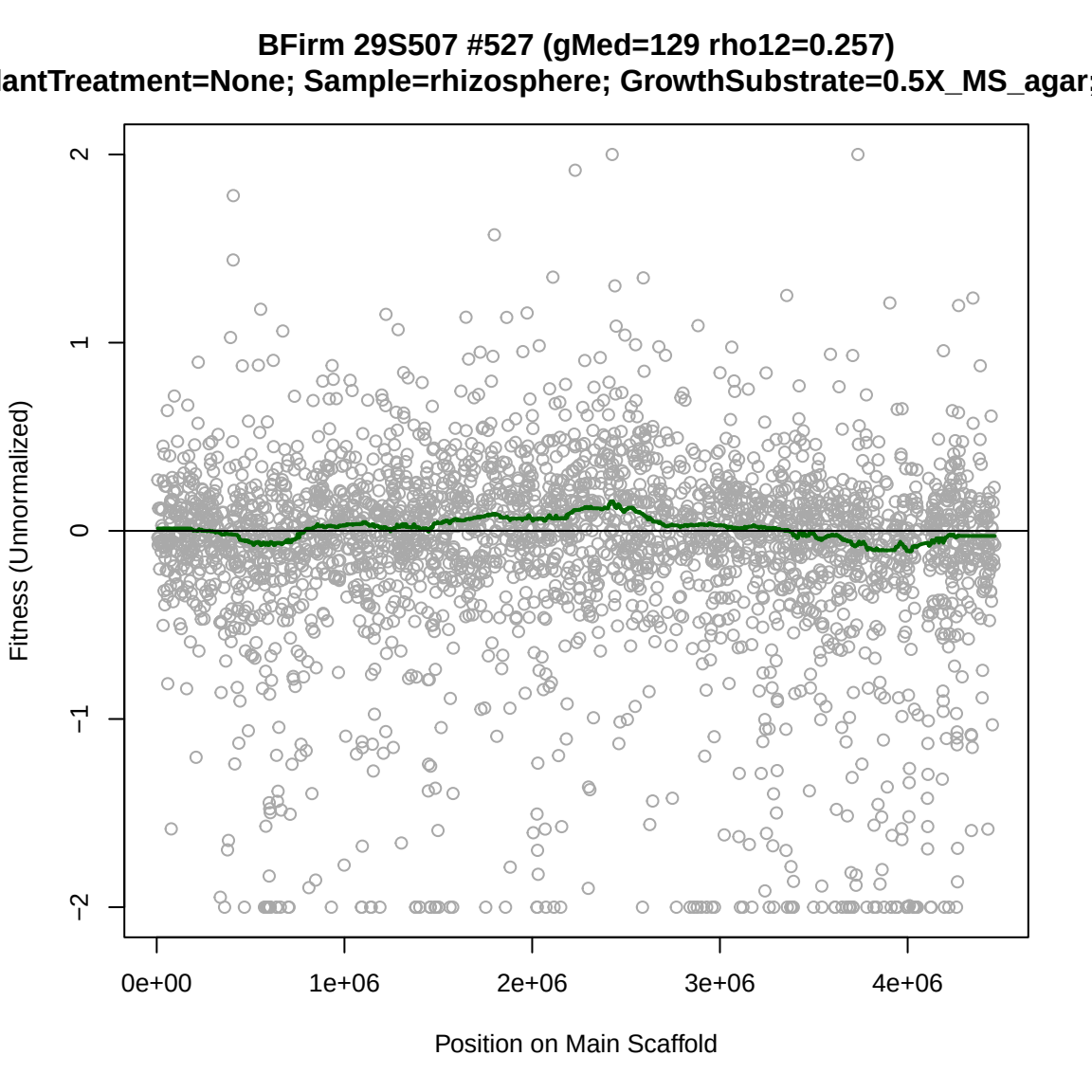

BFirm 29S489 #521 (gMed=85 rho12=0.273)
reatment=None; Sample=soil; GrowthSubstrate=0.5X_MS_agar; Collection=
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

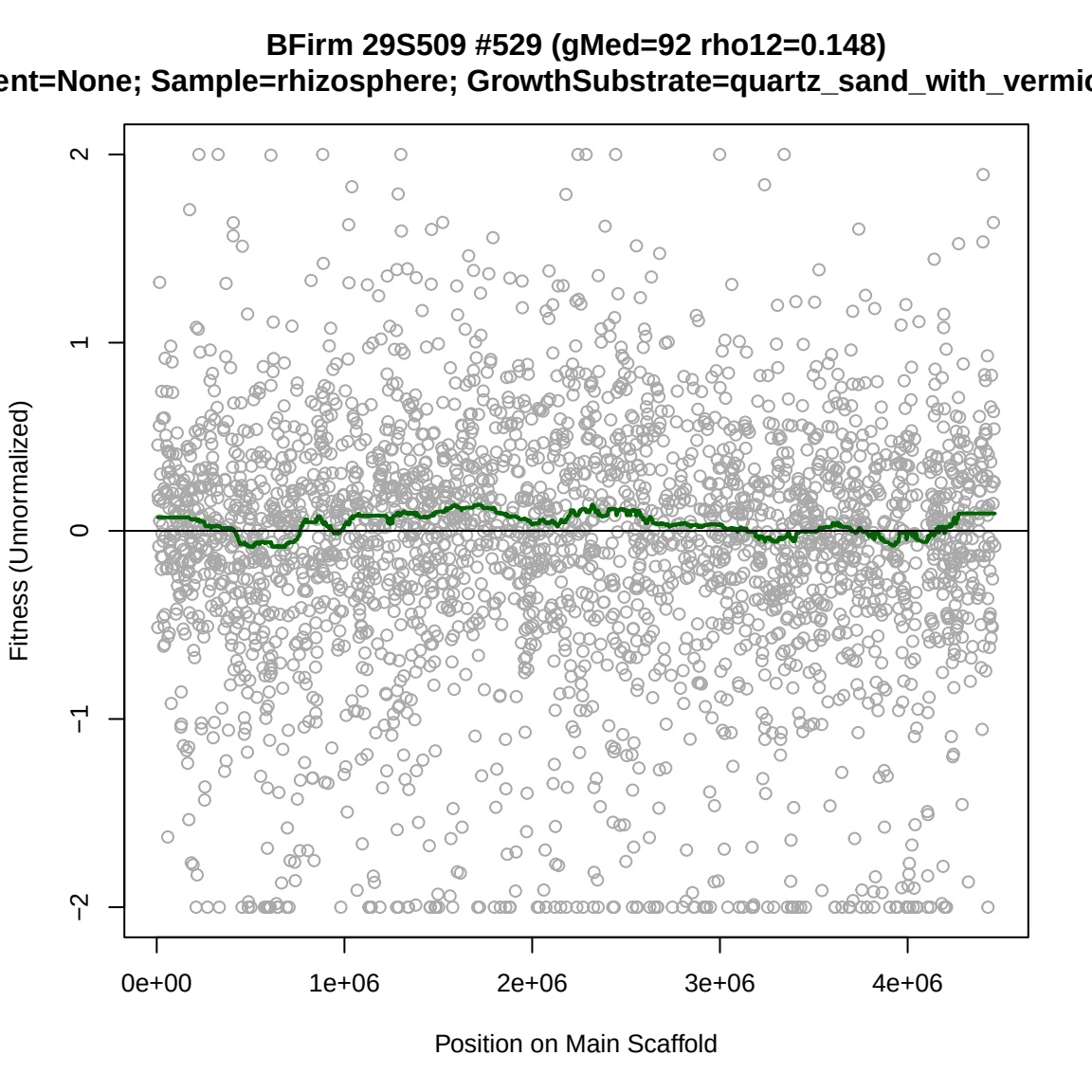

BFirm 29S498 #522 (gMed=13 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

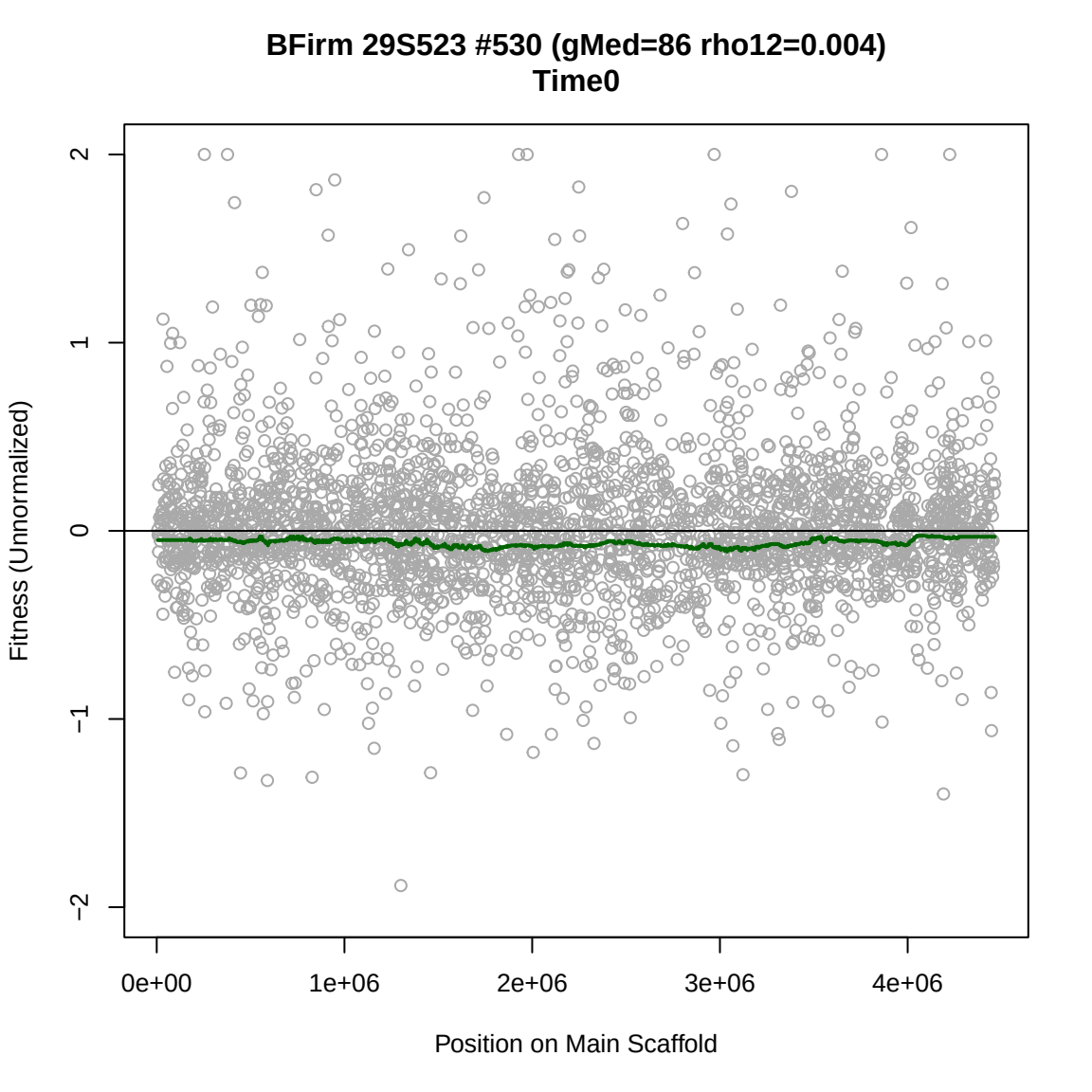

BFirm 29S499 #523 (gMed=94 rho12=0.061)
=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand_with_vermiculit
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

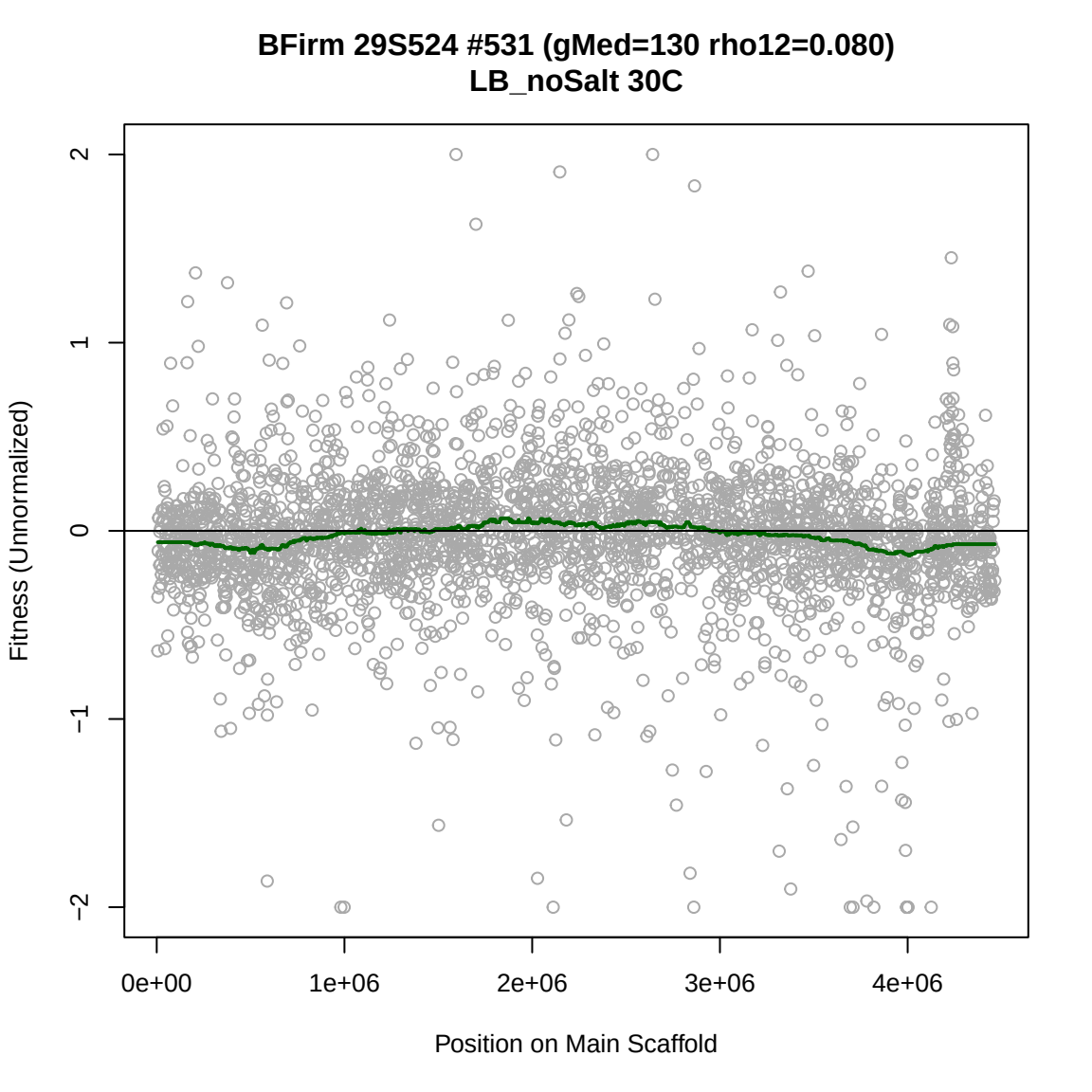

BFirm 29S503 #525 (gMed=76 rho12=0.101)
ent=None; Sample=root; GrowthSubstrate=quartz_sand_with_vermiculite; C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

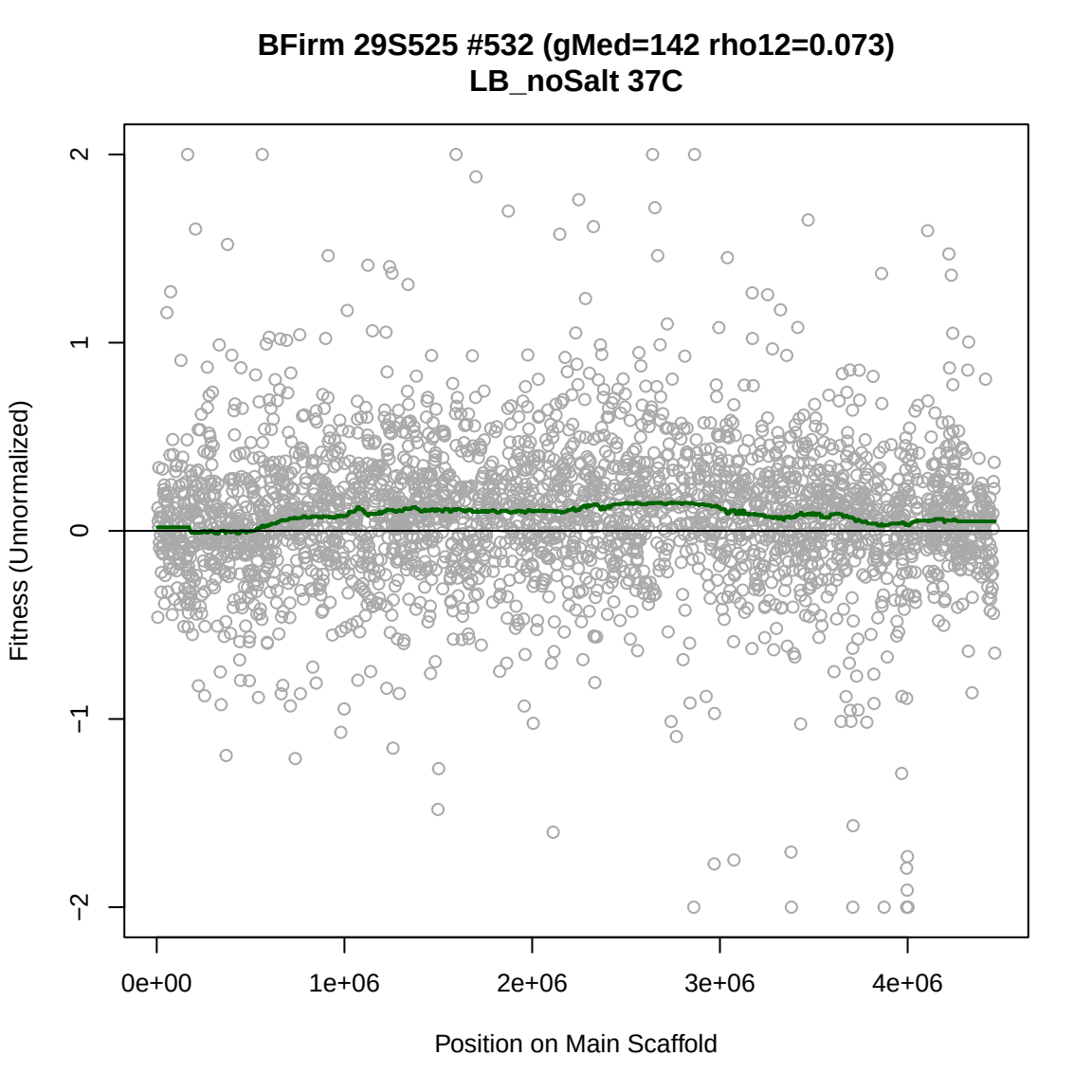

BFirm 29S506 #526 (gMed=140 rho12=0.027)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

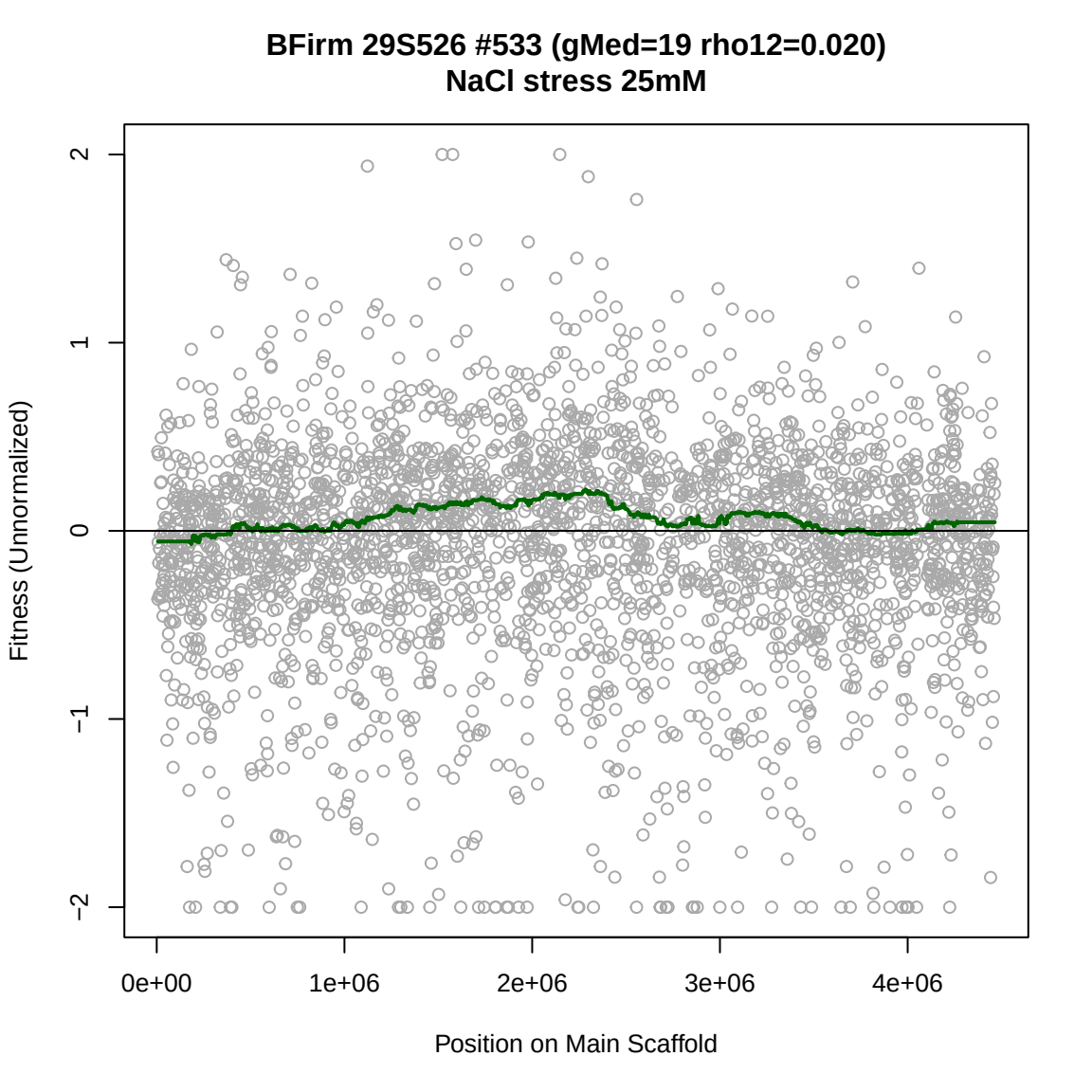

BFirm 29S507 #527 (gMed=129 rho12=0.257)
lantTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

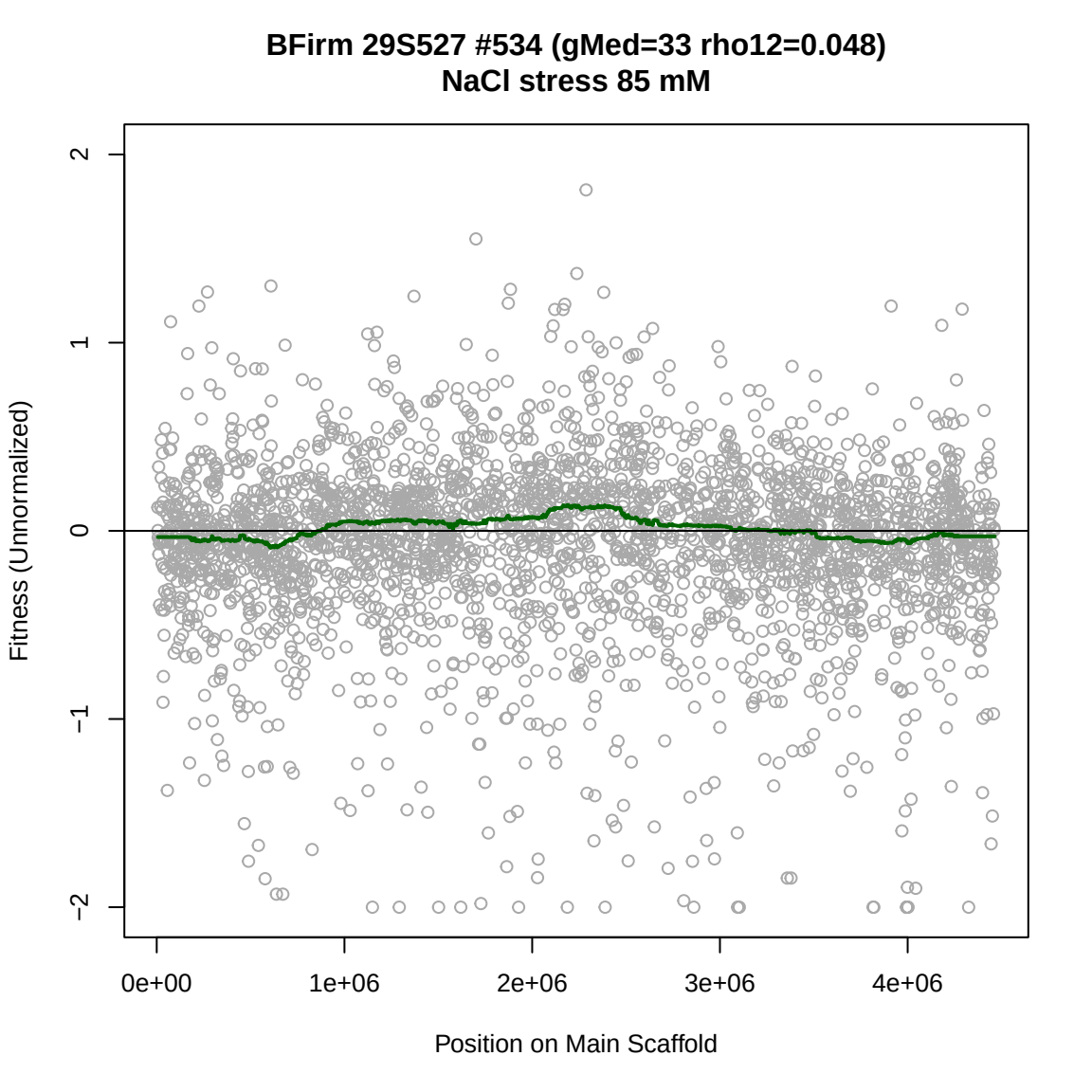

BFirm 29S509 #529 (gMed=92 rho12=0.148)
ent=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand_with_vermic
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

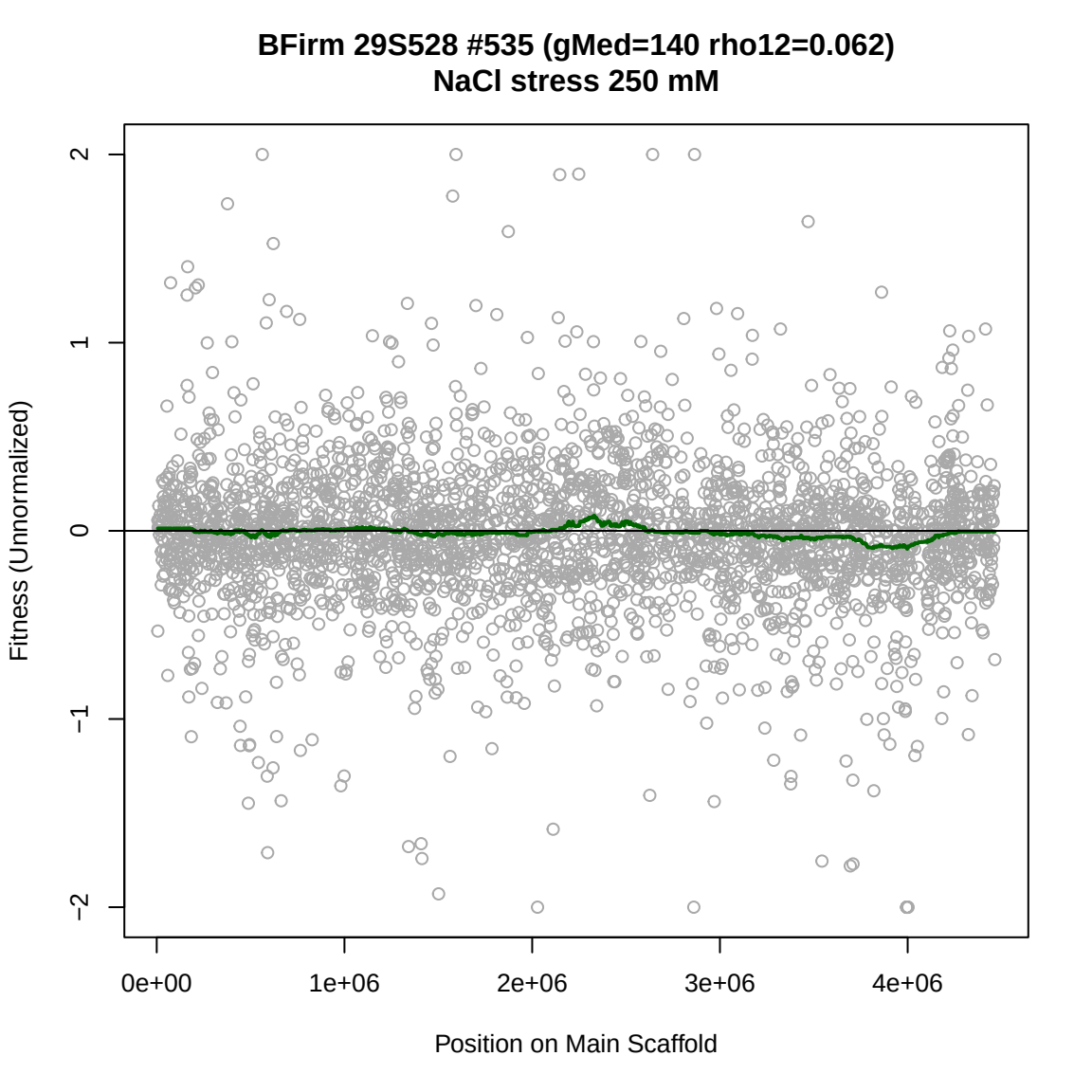

BFirm 29S523 #530 (gMed=86 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

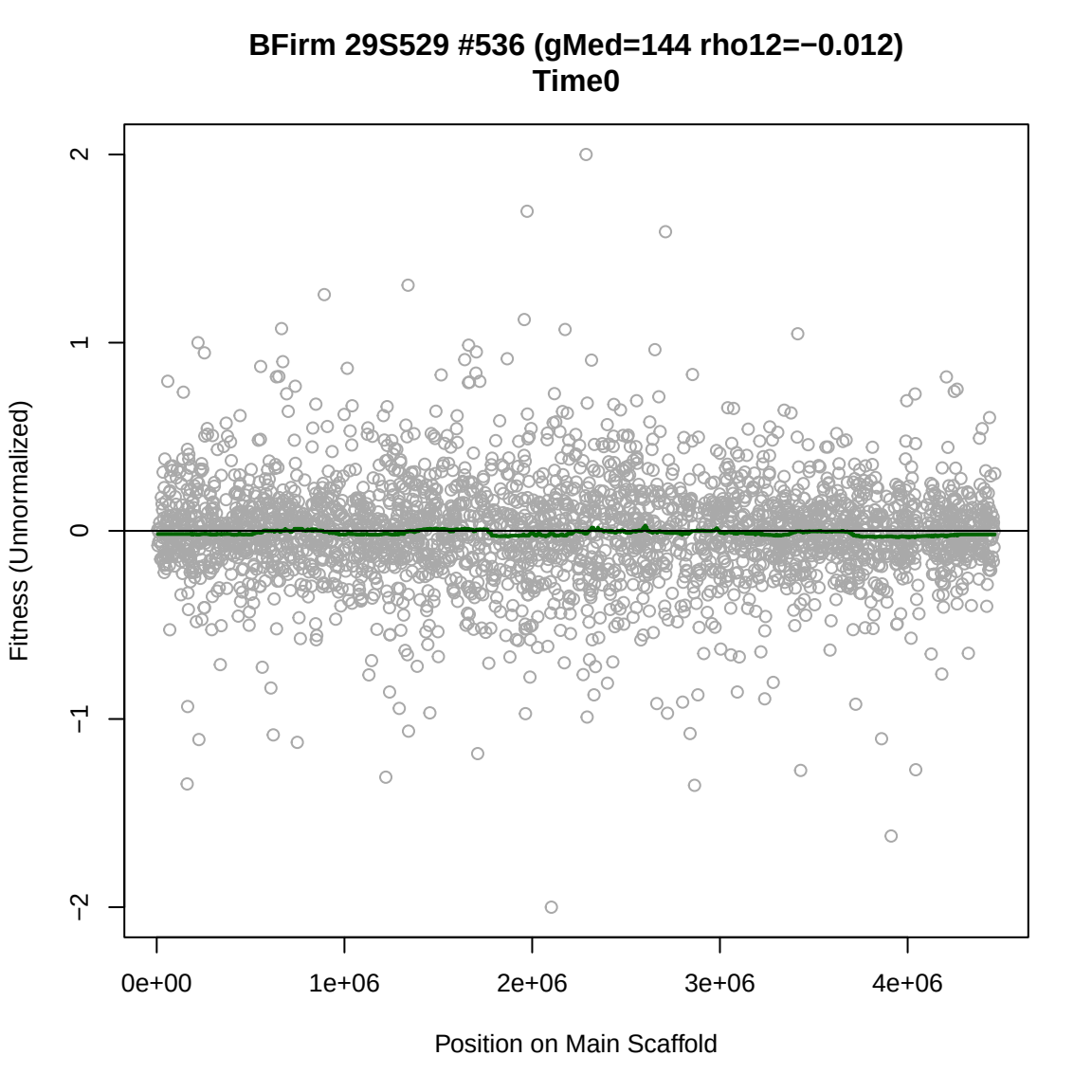

BFirm 29S524 #531 (gMed=130 rho12=0.080)
LB_noSalt 30C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

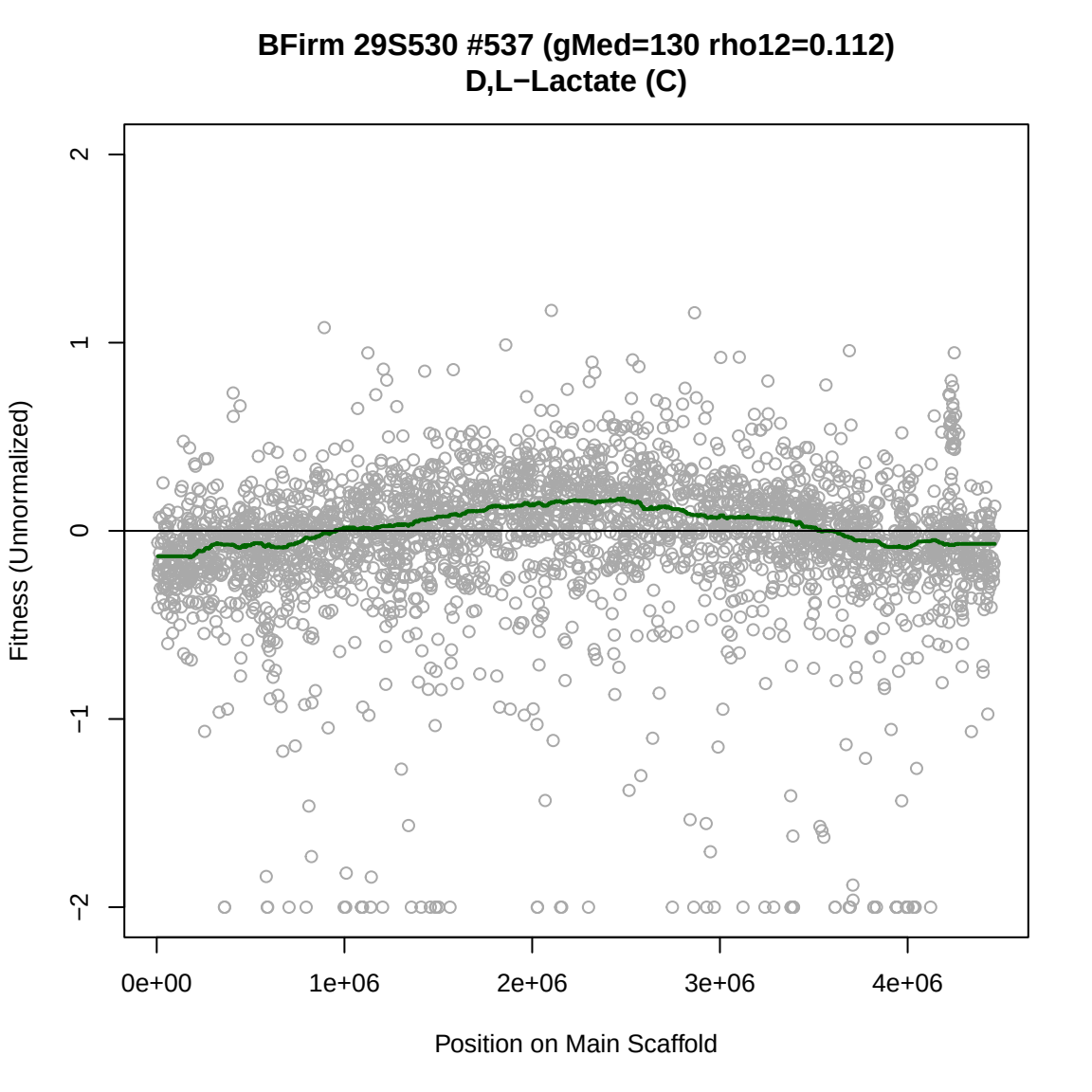

BFirm 29S525 #532 (gMed=142 rho12=0.073)
LB_noSalt 37C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

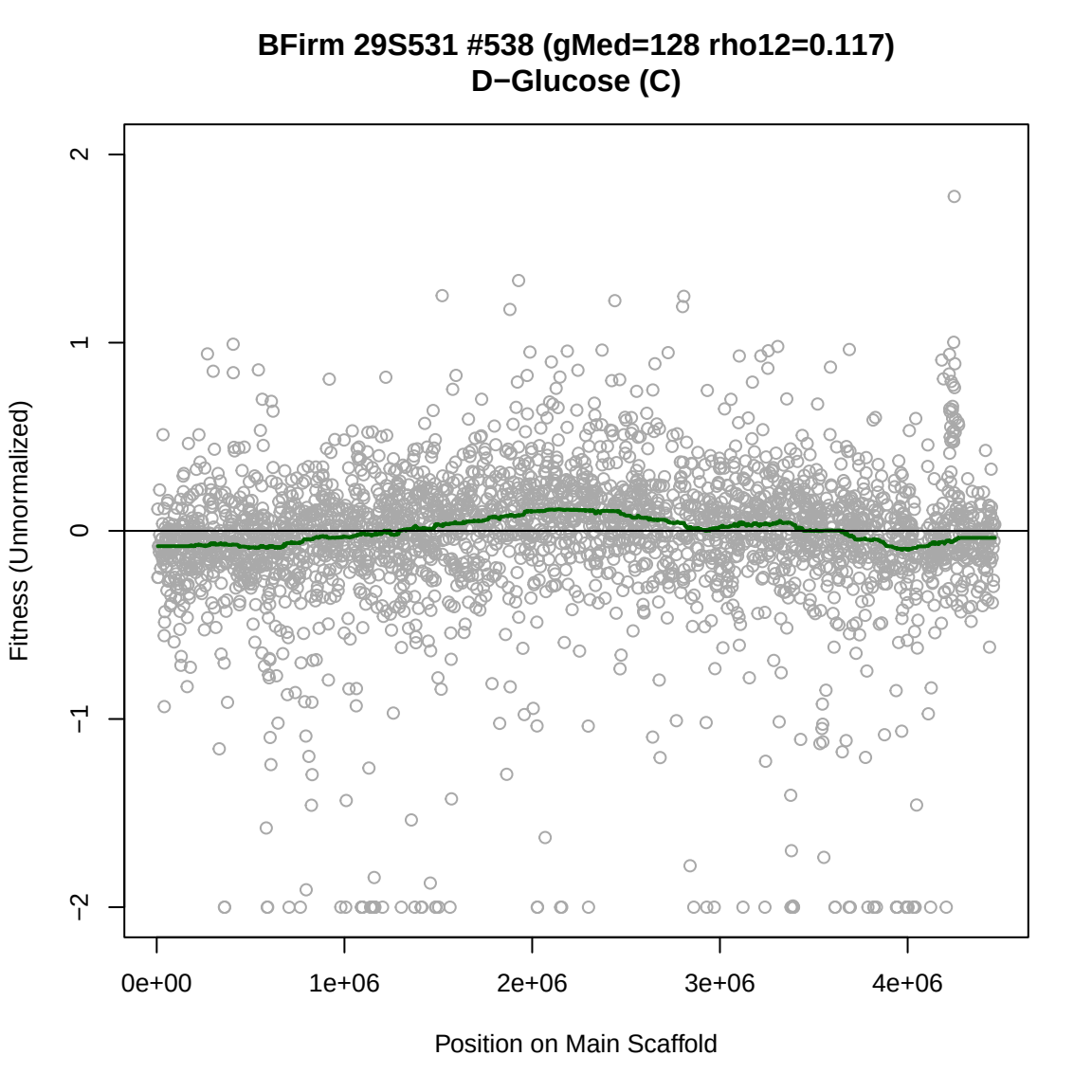

BFirm 29S526 #533 (gMed=19 rho12=0.020)
NaCl stress 25mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

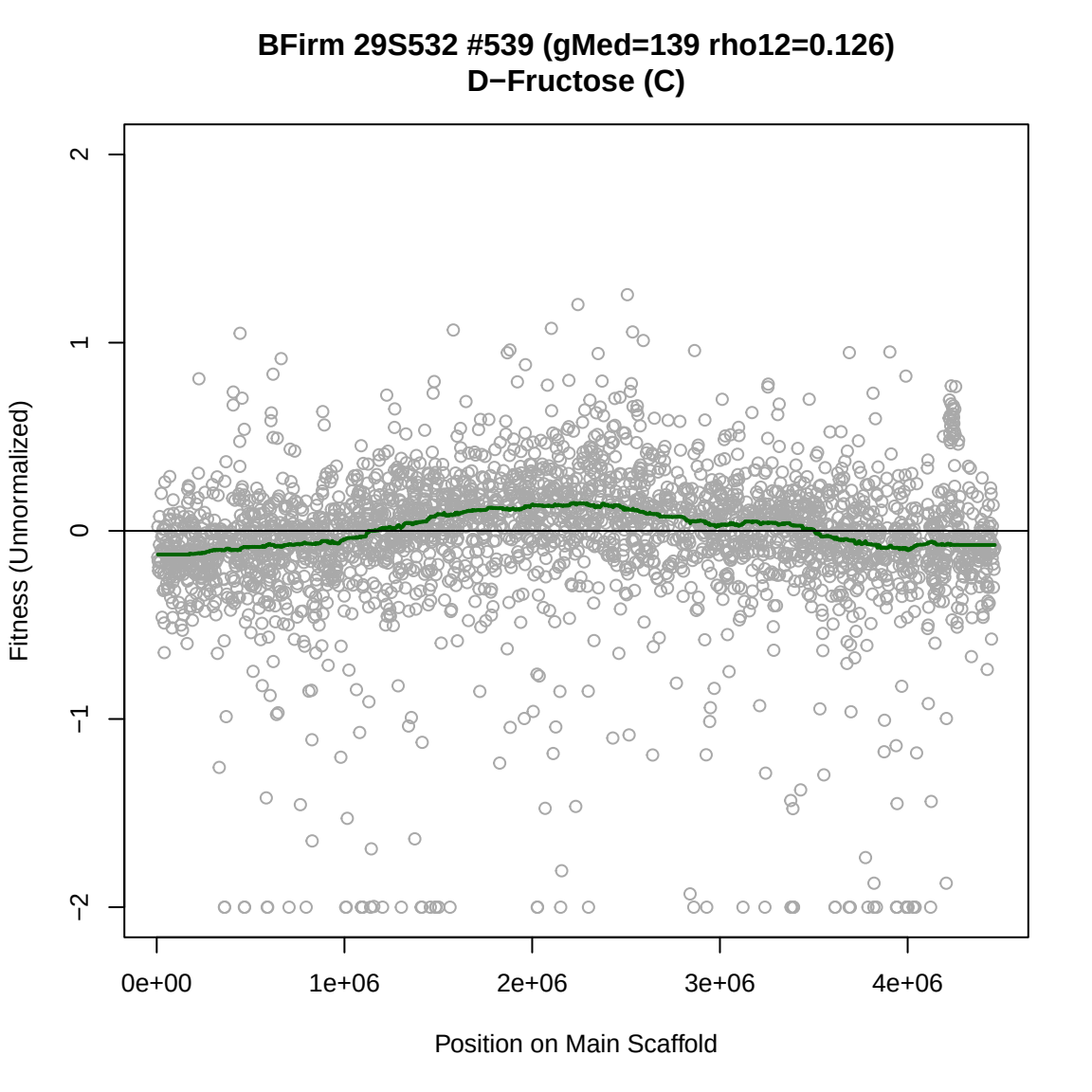

BFirm 29S527 #534 (gMed=33 rho12=0.048)
NaCl stress 85 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

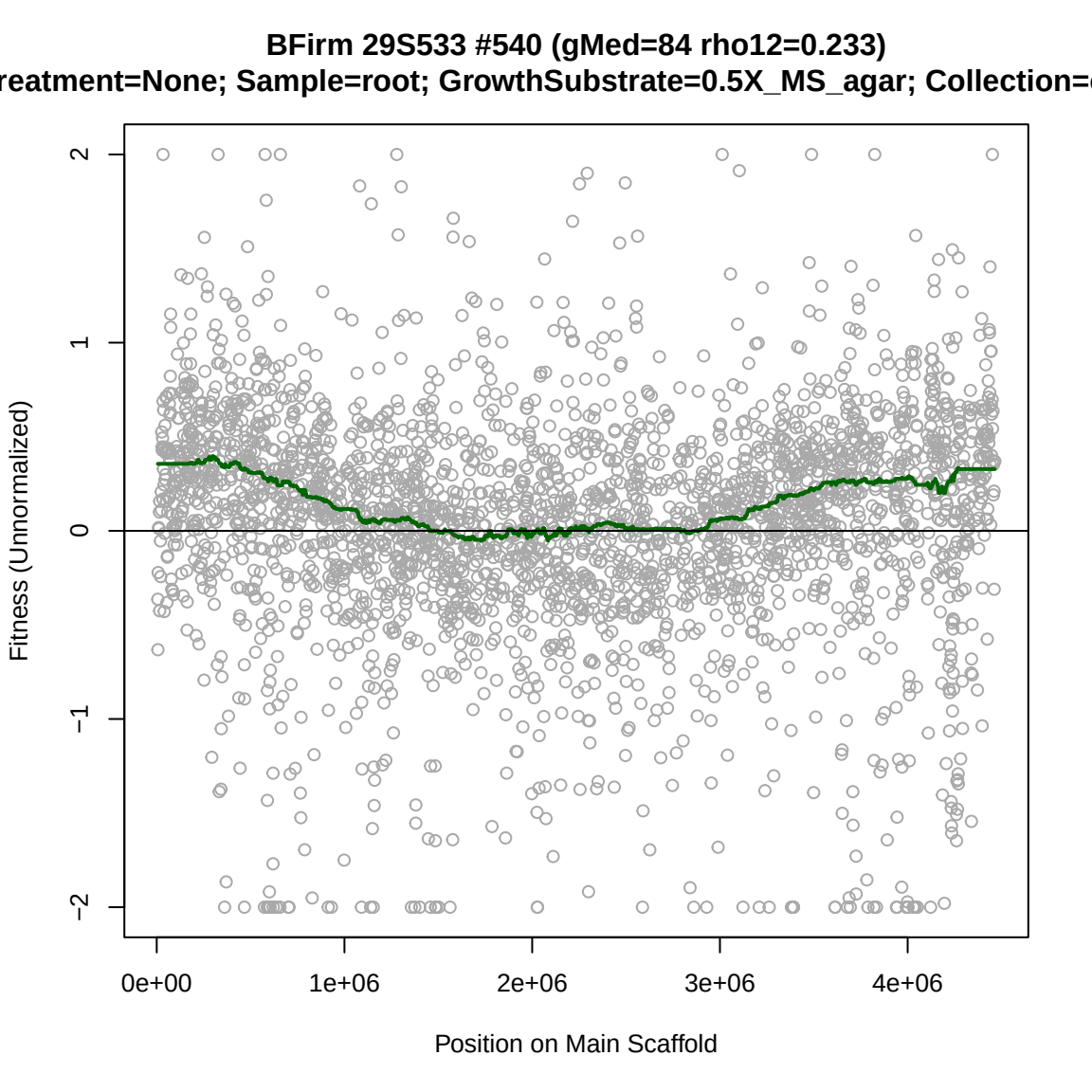

BFirm 29S528 #535 (gMed=140 rho12=0.062)
NaCl stress 250 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

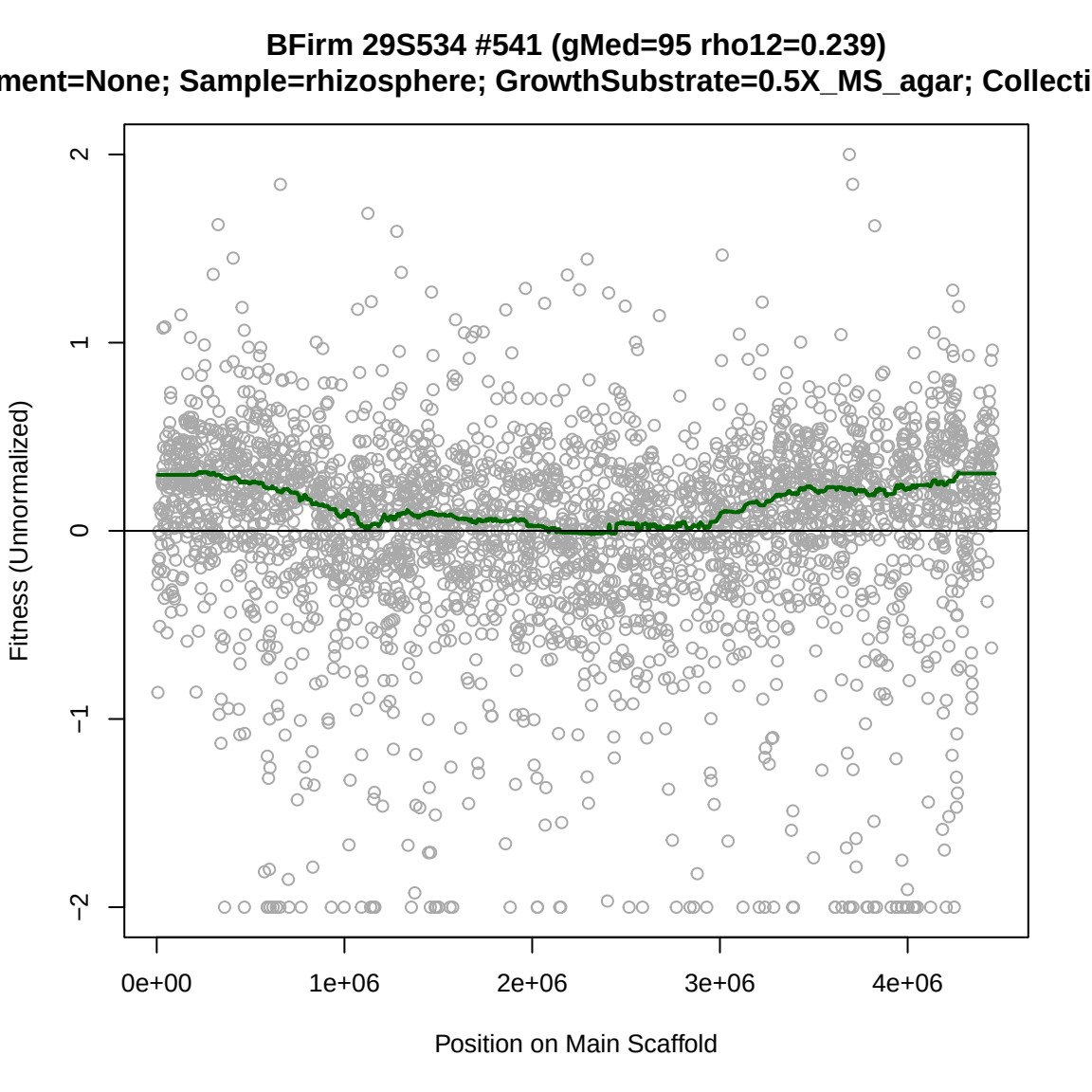

BFirm 29S529 #536 (gMed=144 rho12=−0.012)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

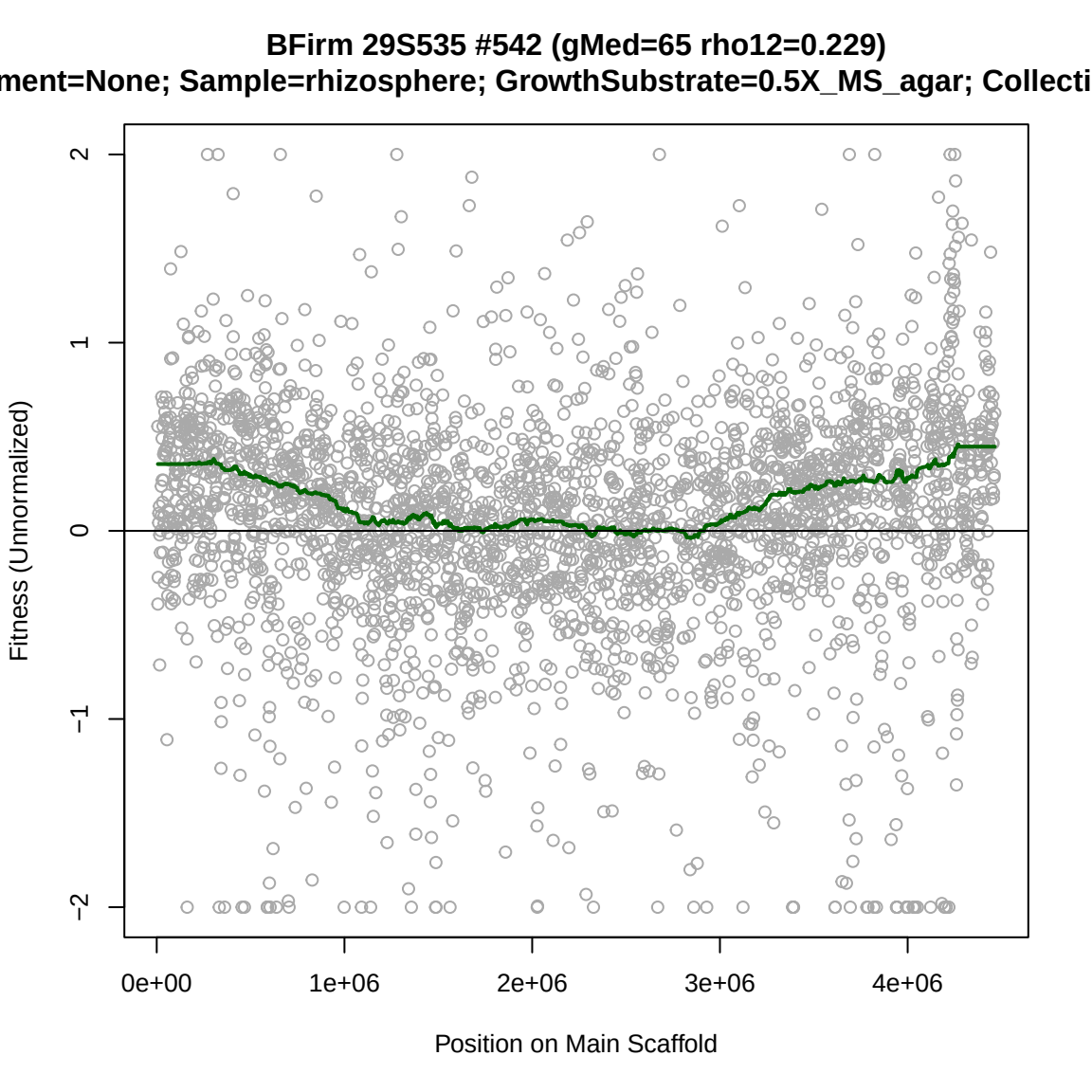

BFirm 29S530 #537 (gMed=130 rho12=0.112)
D,L−Lactate (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

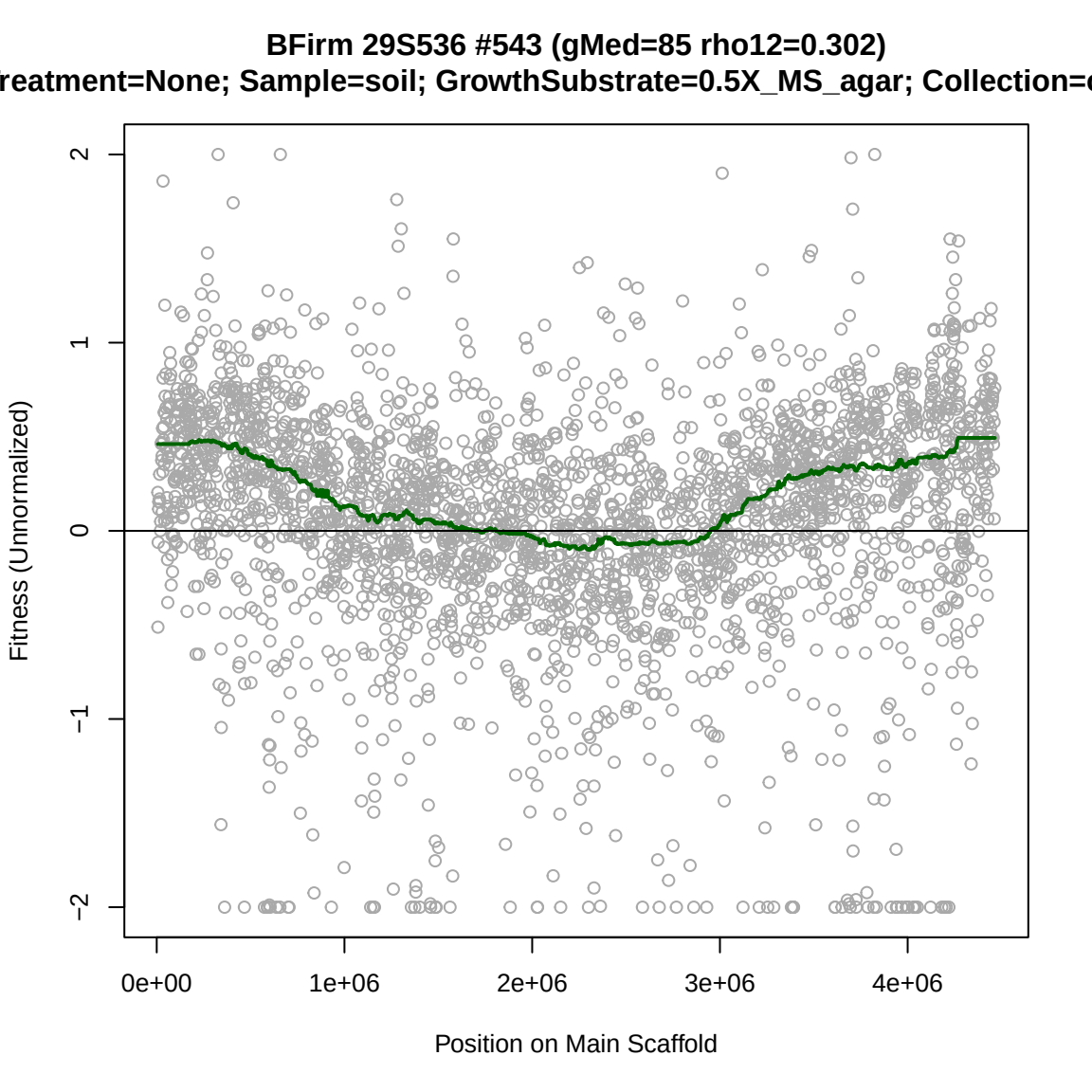

BFirm 29S531 #538 (gMed=128 rho12=0.117)
D−Glucose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

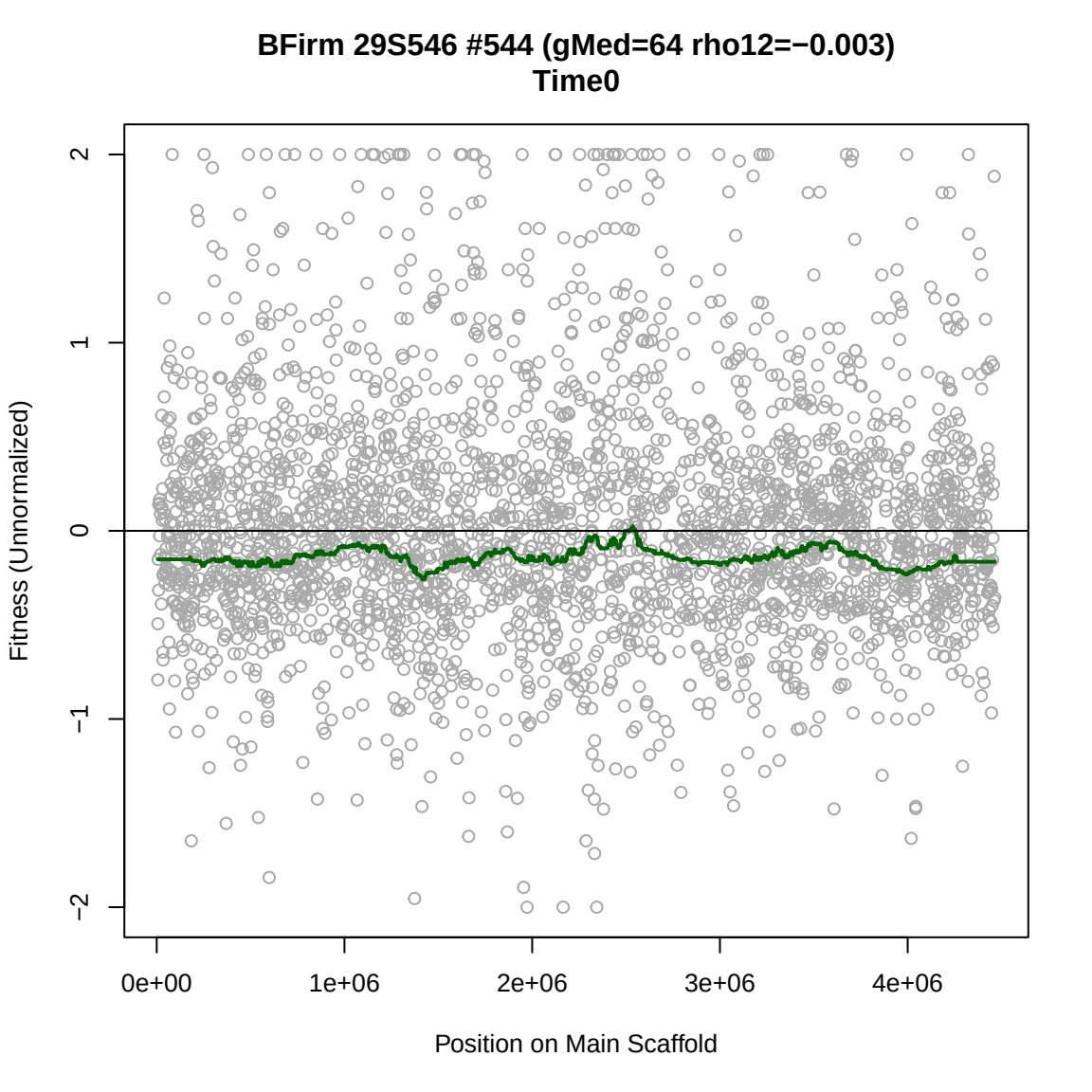

BFirm 29S532 #539 (gMed=139 rho12=0.126)
D−Fructose (C)
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

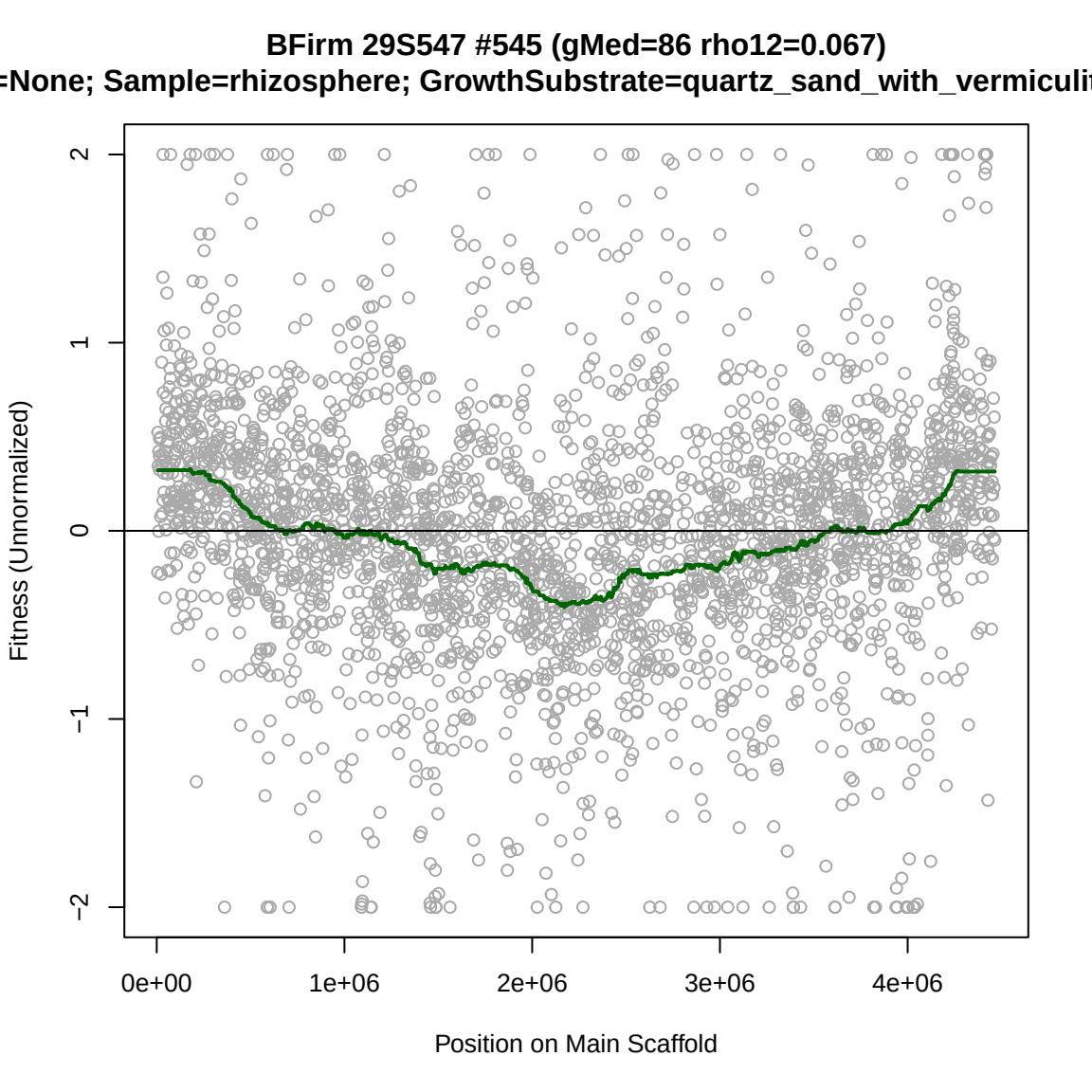

BFirm 29S533 #540 (gMed=84 rho12=0.233)
reatment=None; Sample=root; GrowthSubstrate=0.5X_MS_agar; Collection=
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

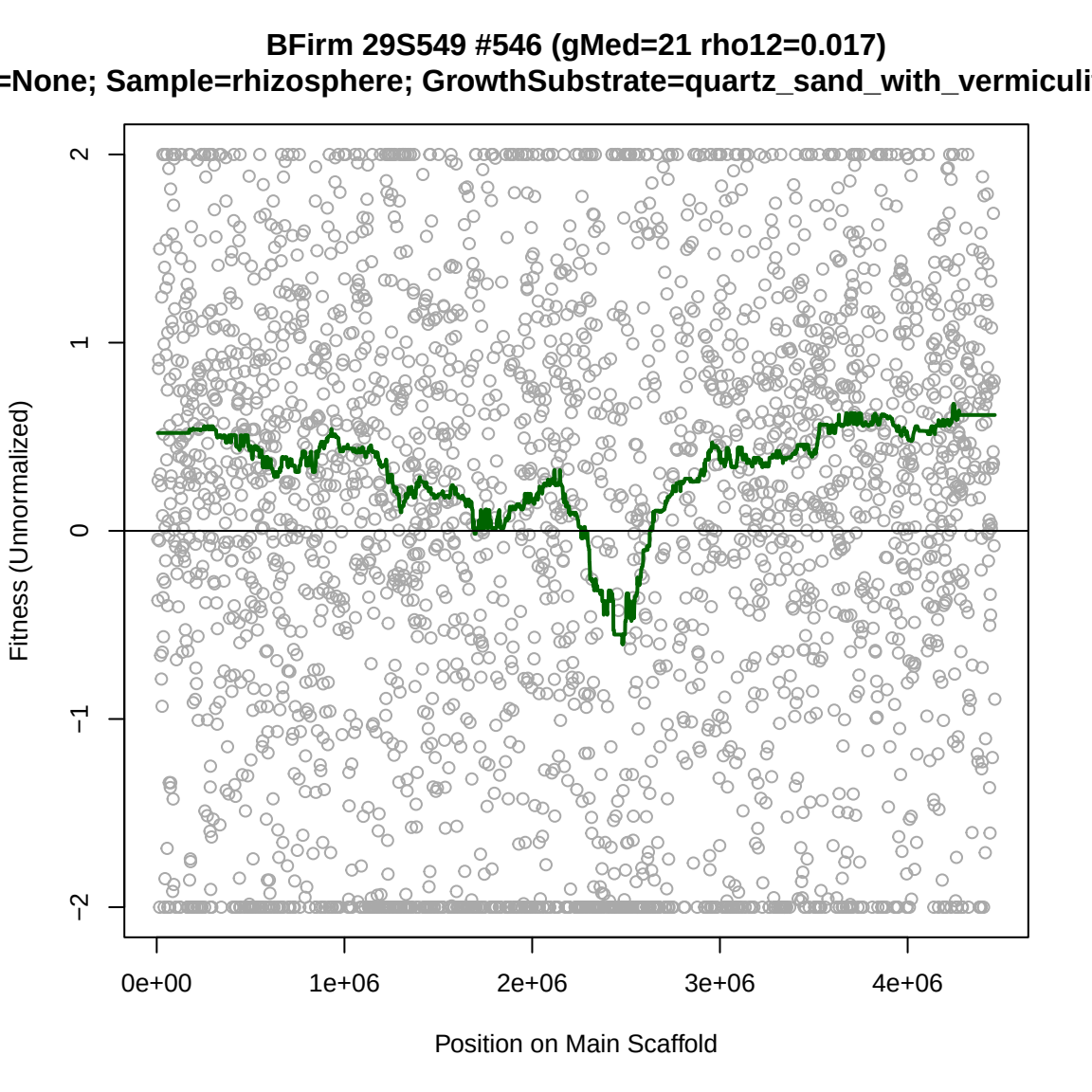

BFirm 29S534 #541 (gMed=95 rho12=0.239)
ment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collecti
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

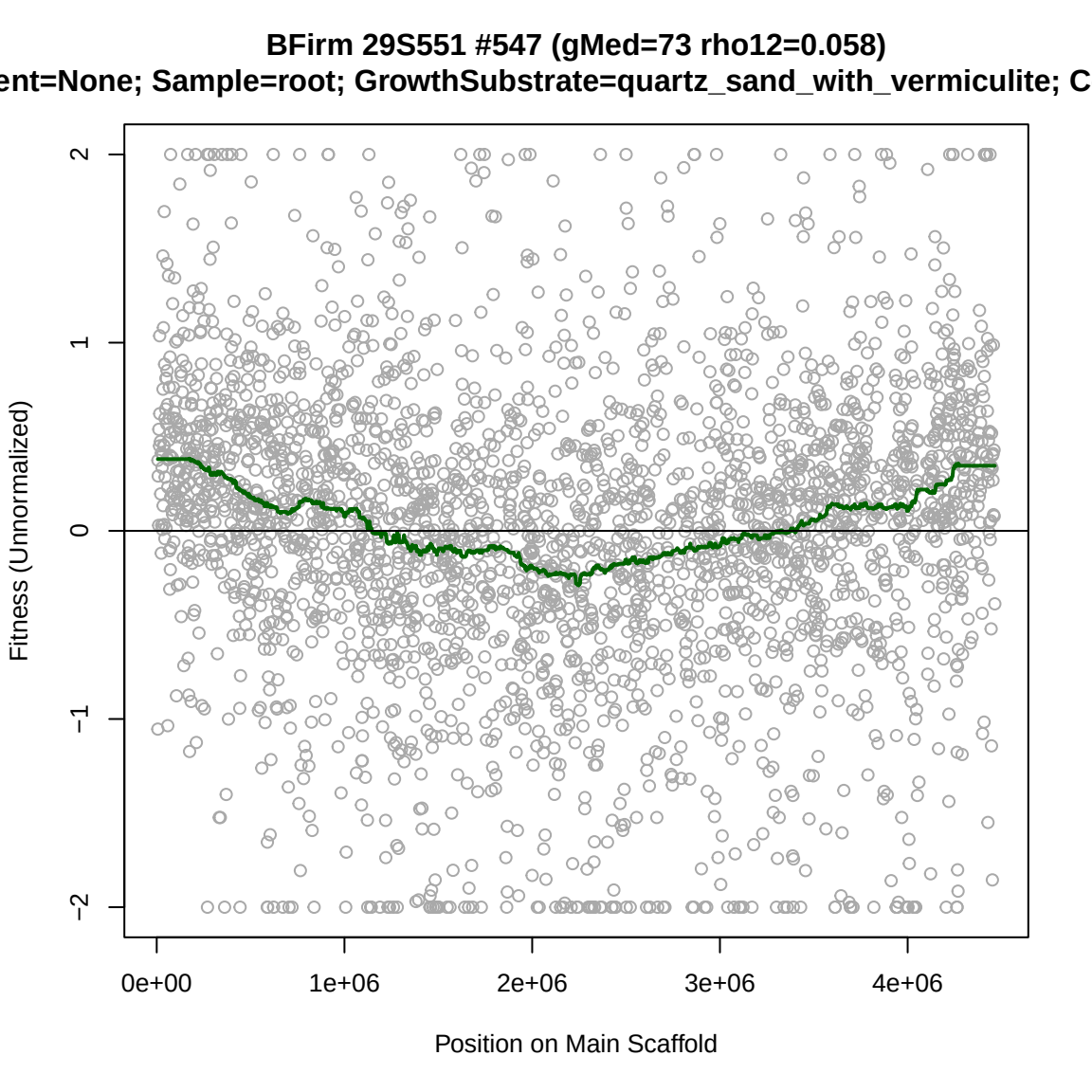

BFirm 29S535 #542 (gMed=65 rho12=0.229)
ment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collecti
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

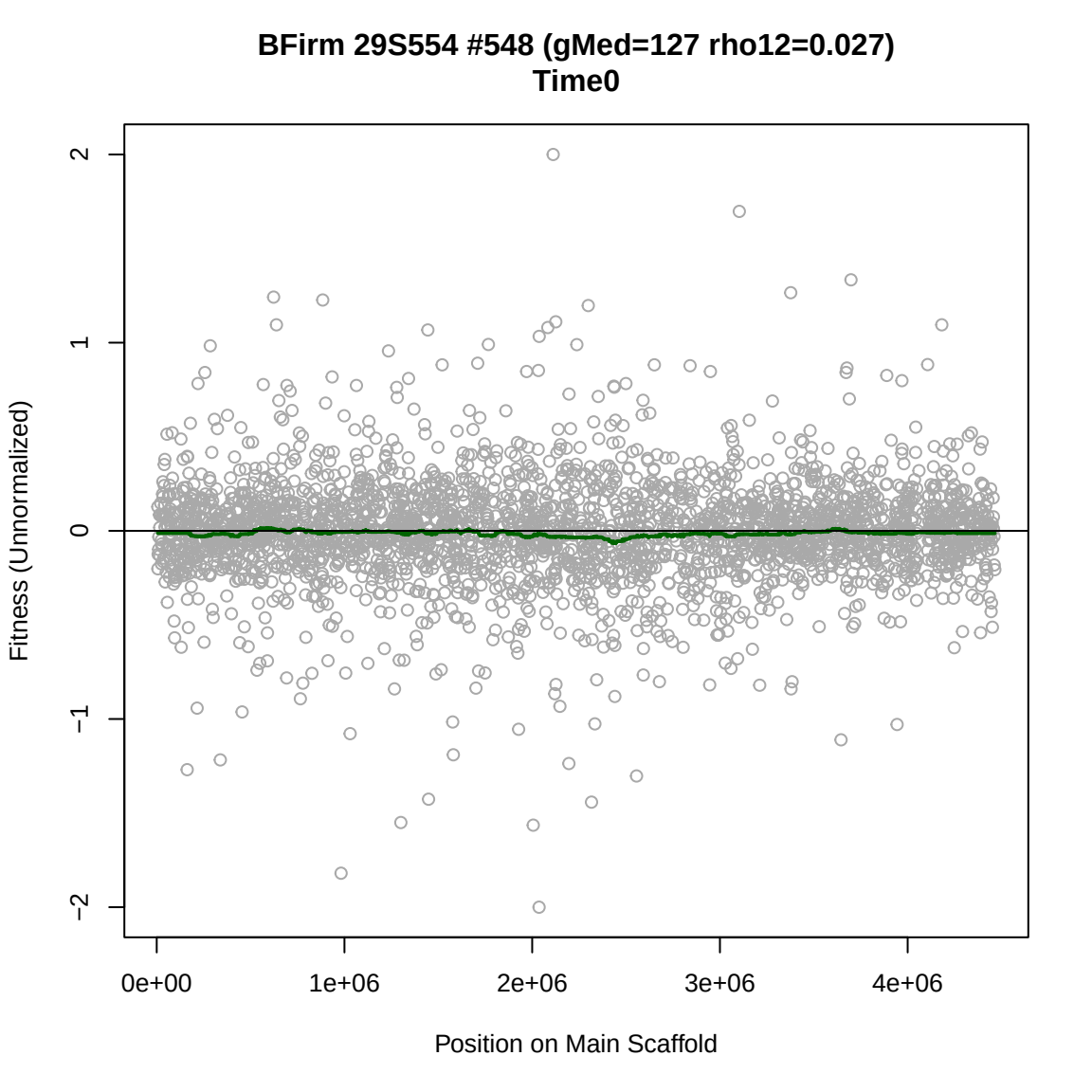

BFirm 29S536 #543 (gMed=85 rho12=0.302)
reatment=None; Sample=soil; GrowthSubstrate=0.5X_MS_agar; Collection=c
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

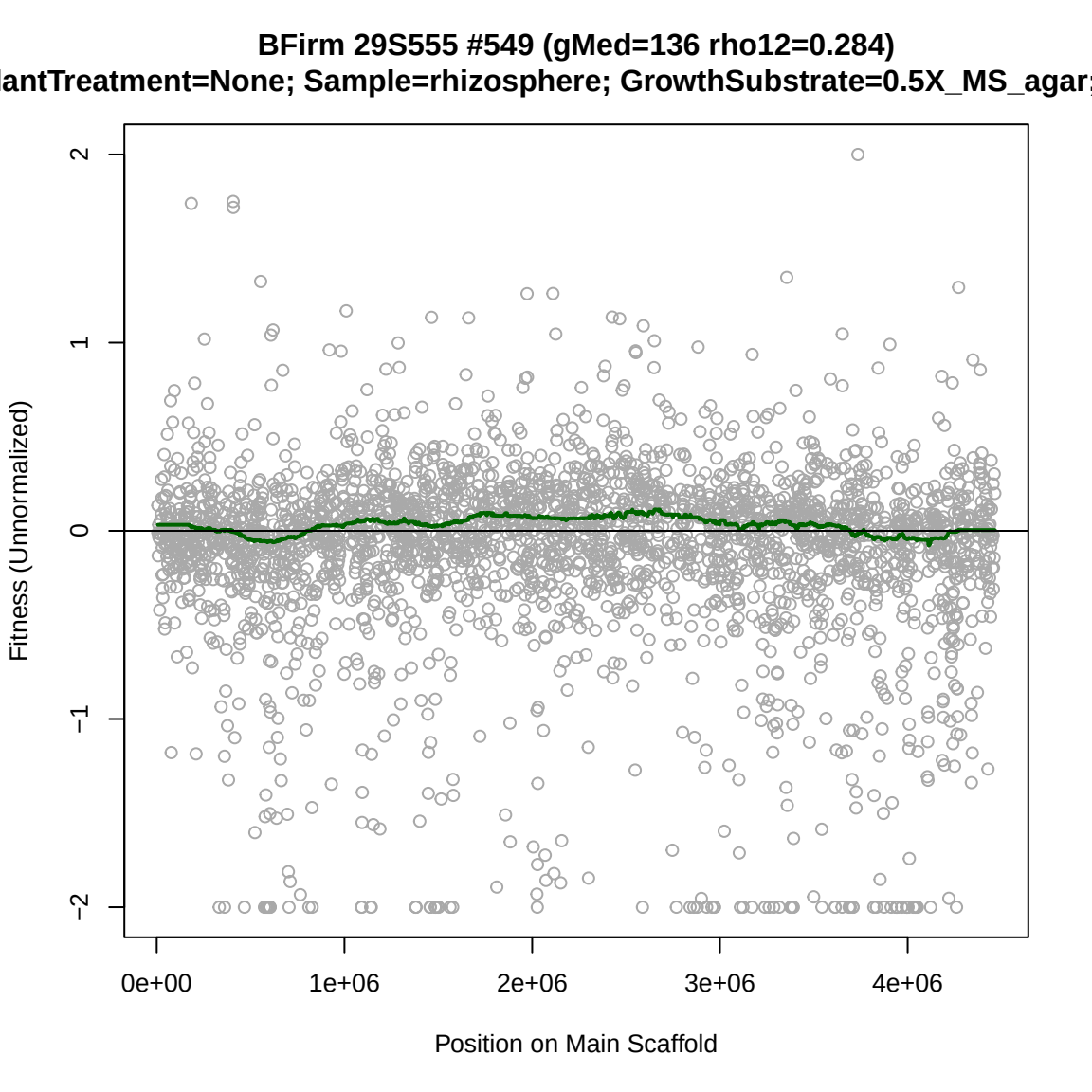

BFirm 29S546 #544 (gMed=64 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

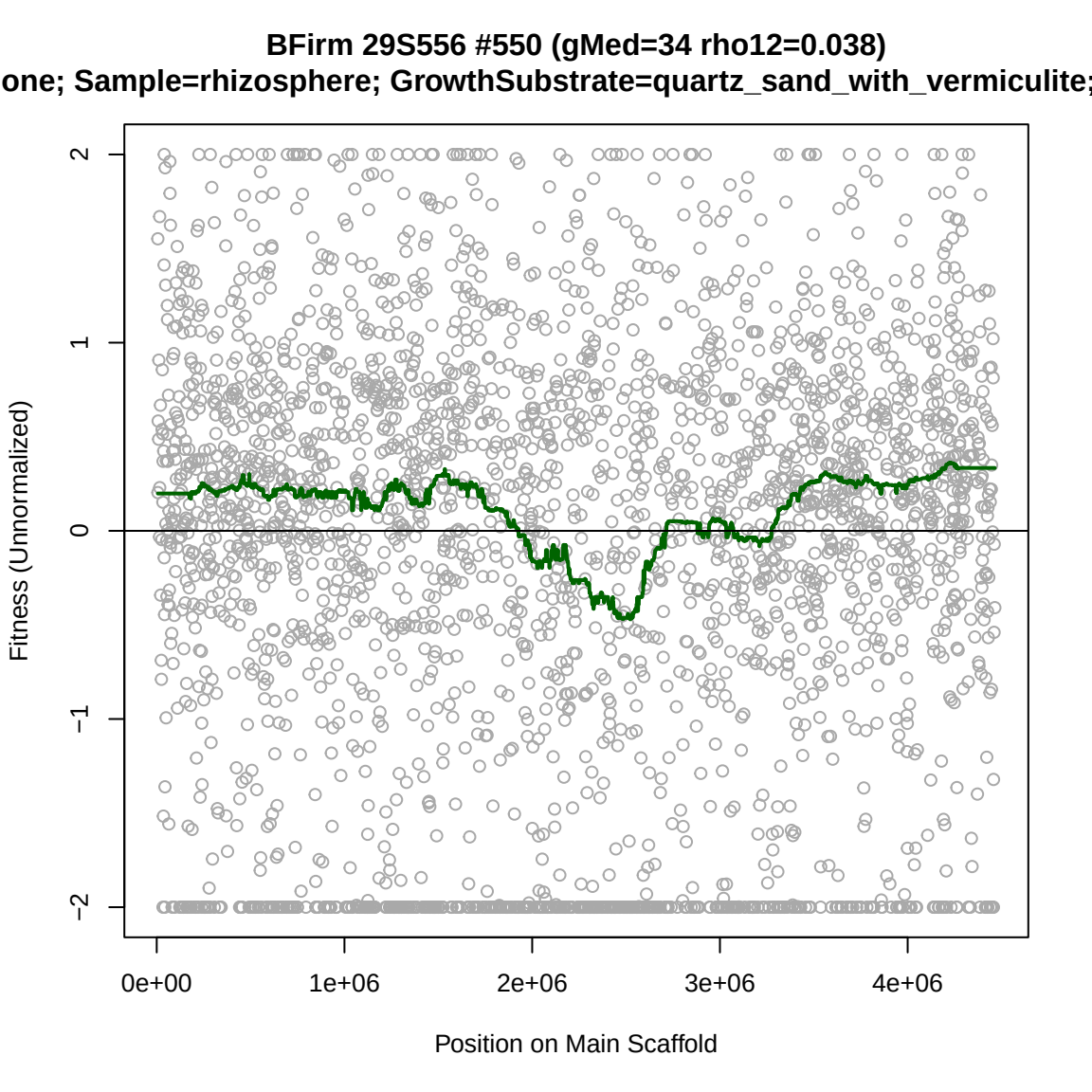

BFirm 29S547 #545 (gMed=86 rho12=0.067)
=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand_with_vermiculit
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

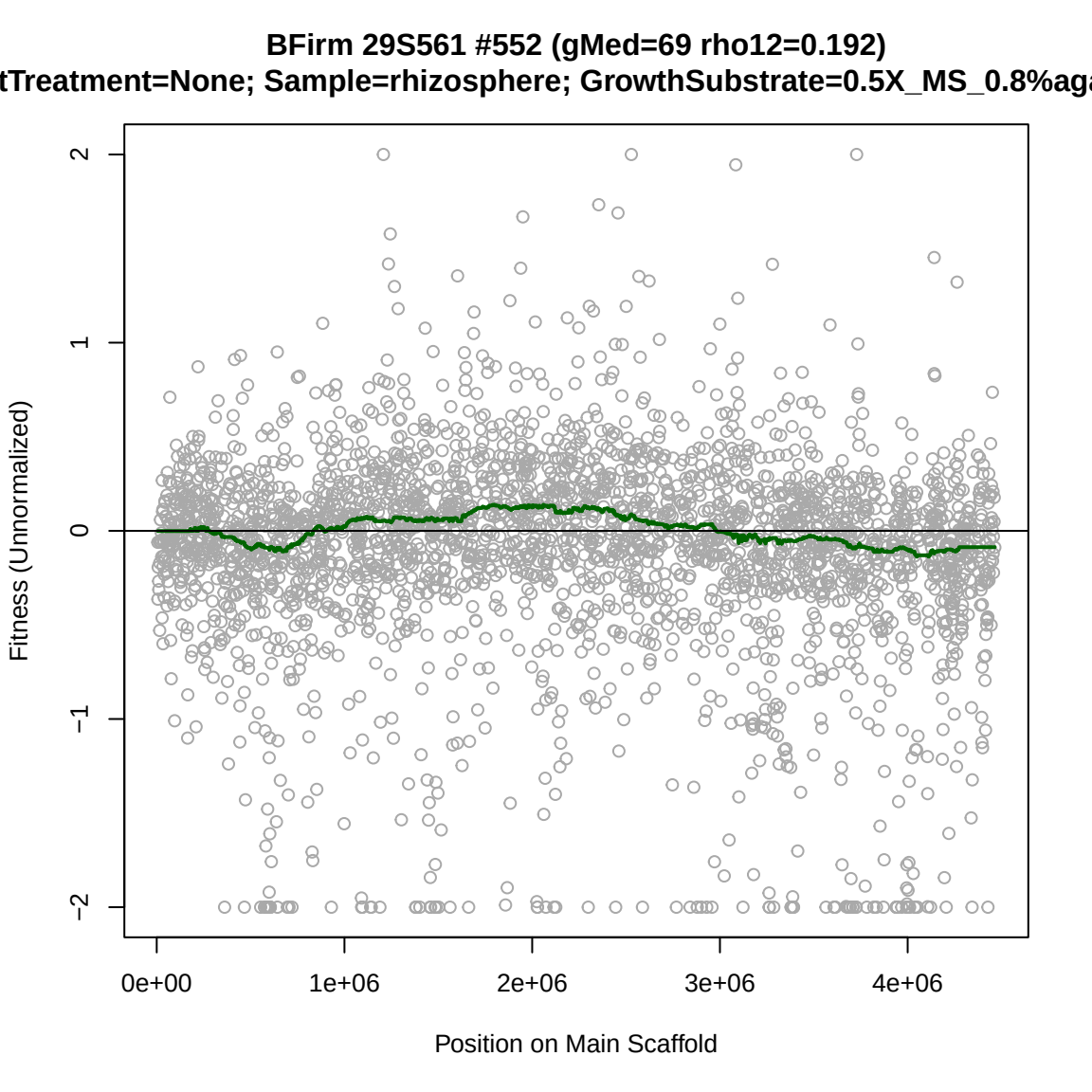

BFirm 29S549 #546 (gMed=21 rho12=0.017)
=None; Sample=rhizosphere; GrowthSubstrate=quartz_sand_with_vermiculi
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

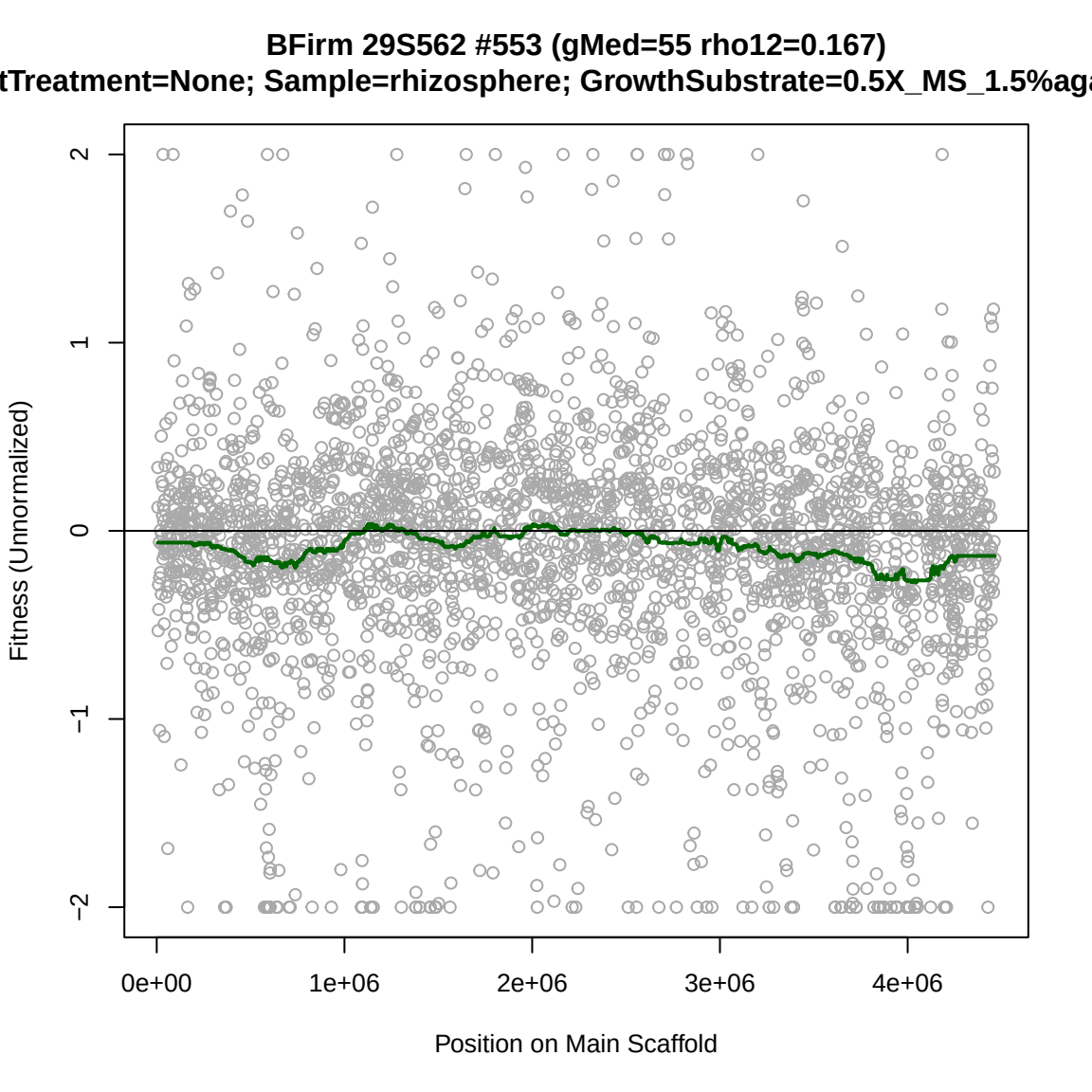

BFirm 29S551 #547 (gMed=73 rho12=0.058)
ent=None; Sample=root; GrowthSubstrate=quartz_sand_with_vermiculite; C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

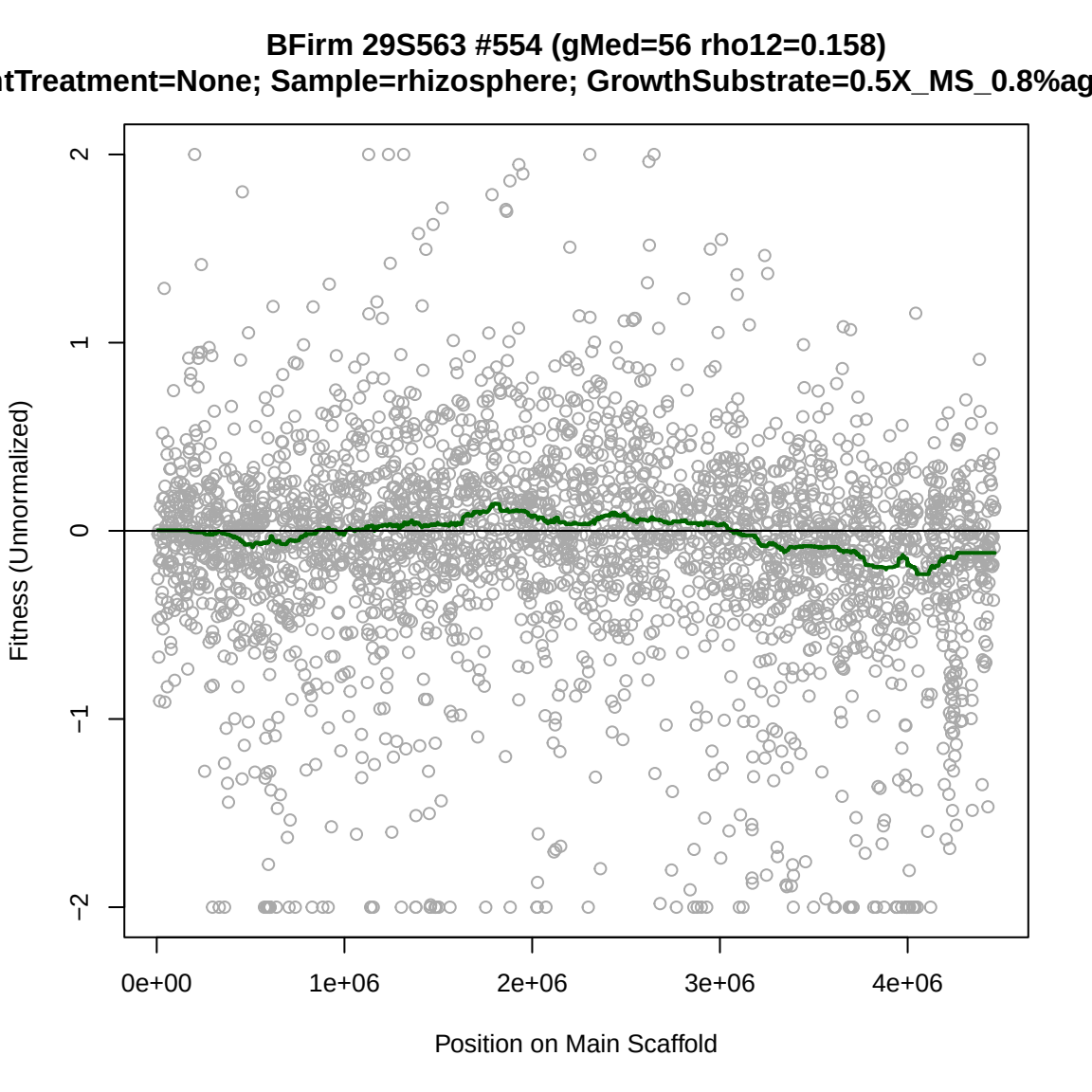

BFirm 29S554 #548 (gMed=127 rho12=0.027)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

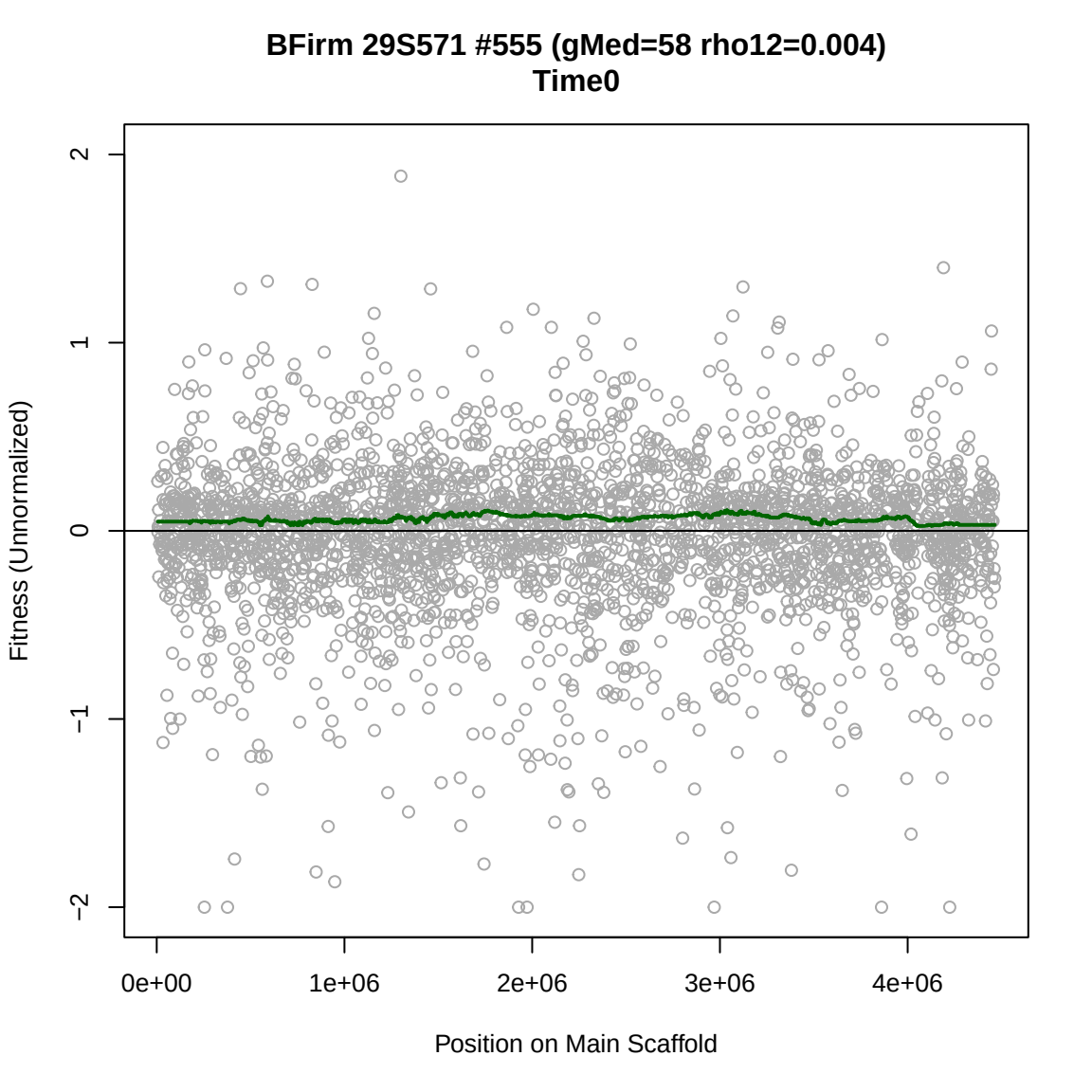

BFirm 29S555 #549 (gMed=136 rho12=0.284)
lantTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

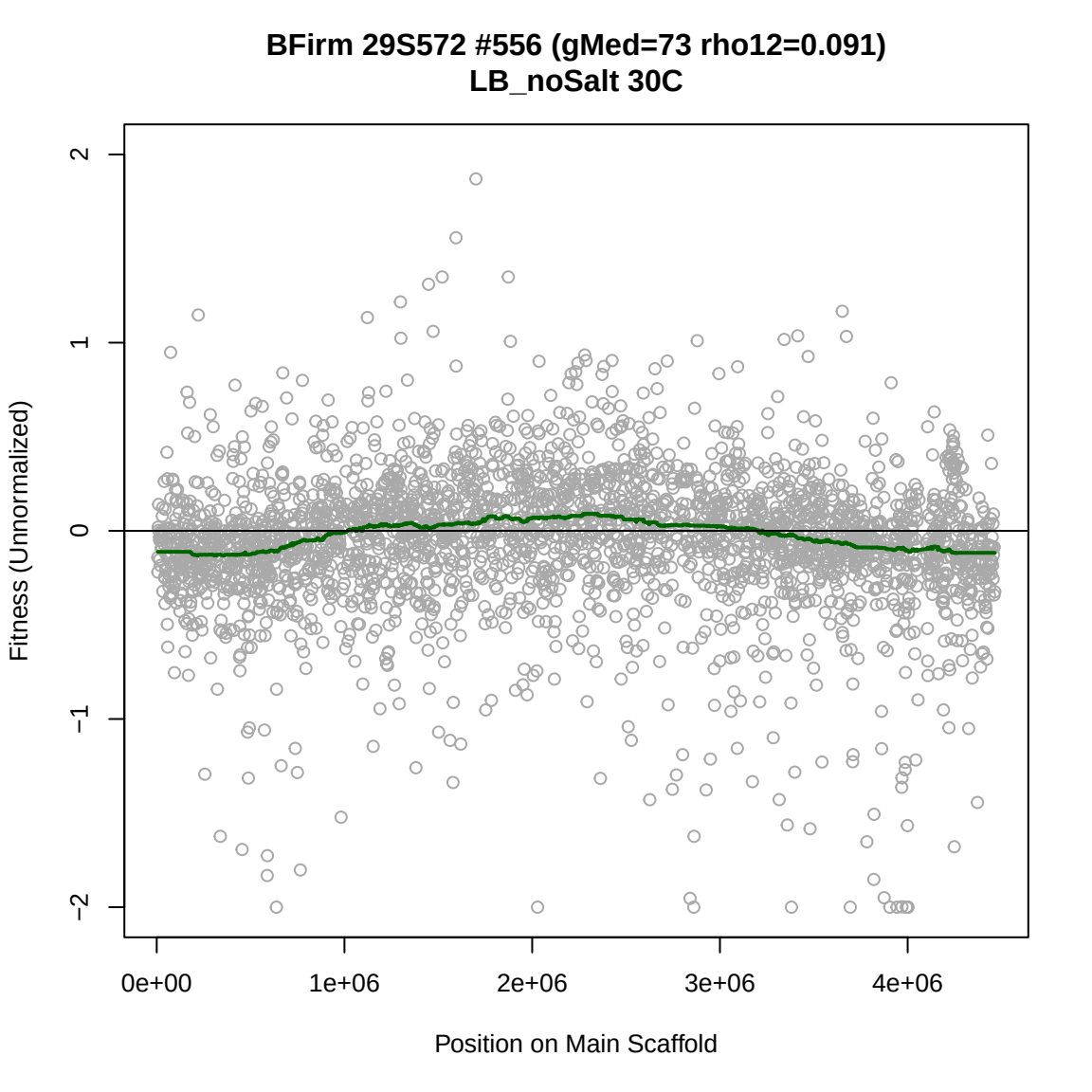

BFirm 29S556 #550 (gMed=34 rho12=0.038)
one; Sample=rhizosphere; GrowthSubstrate=quartz_sand_with_vermiculite;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

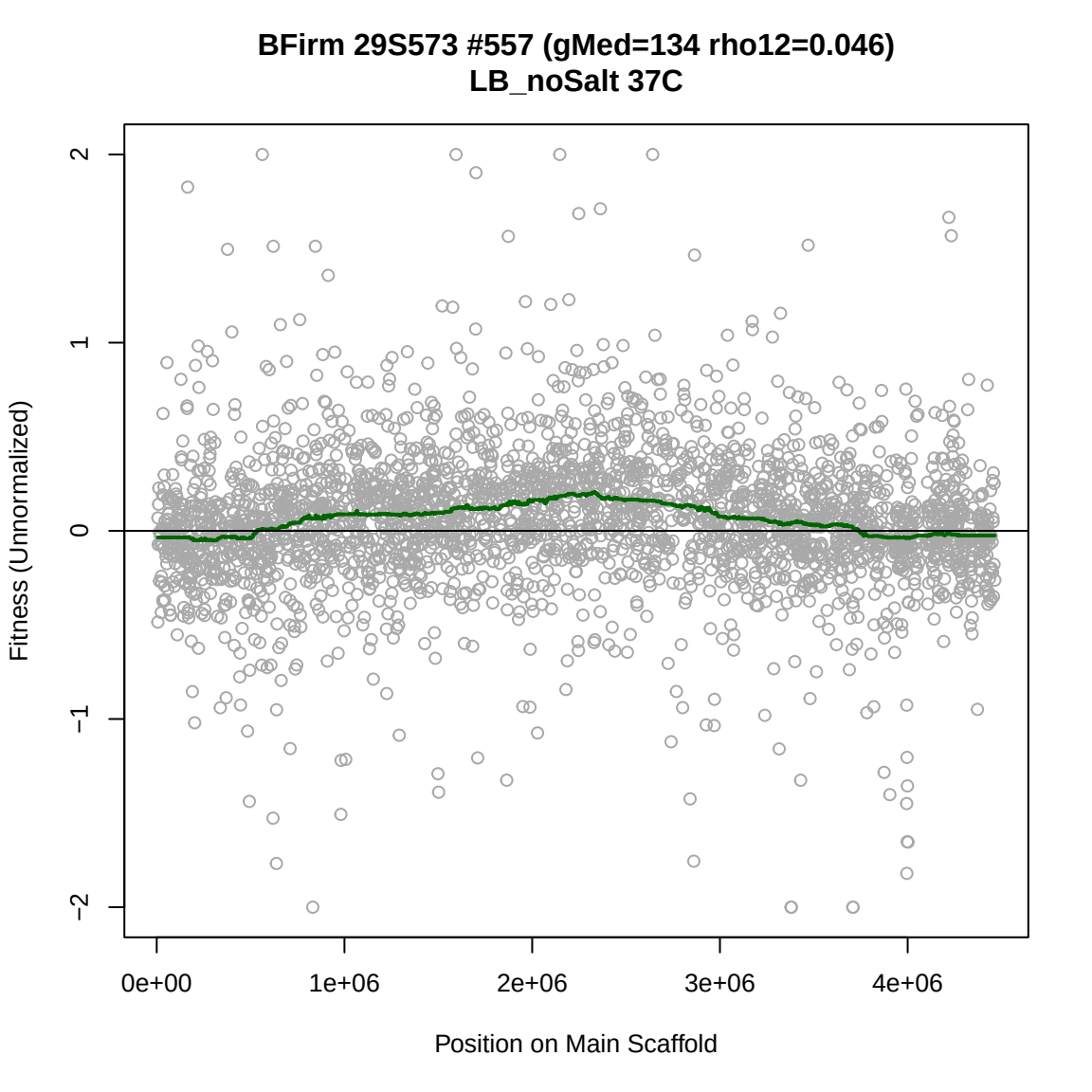

BFirm 29S561 #552 (gMed=69 rho12=0.192)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_0.8%aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

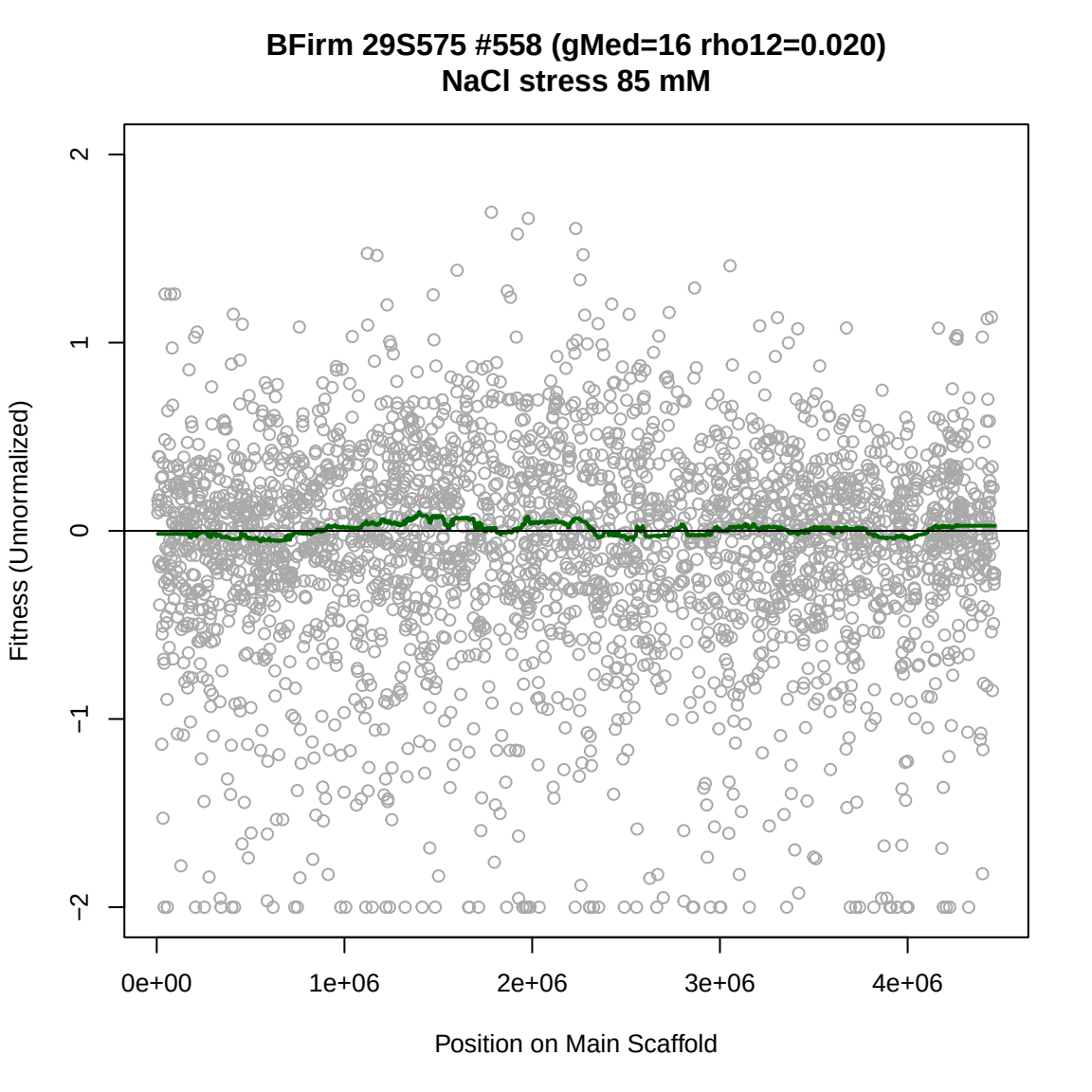

BFirm 29S562 #553 (gMed=55 rho12=0.167)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_1.5%aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

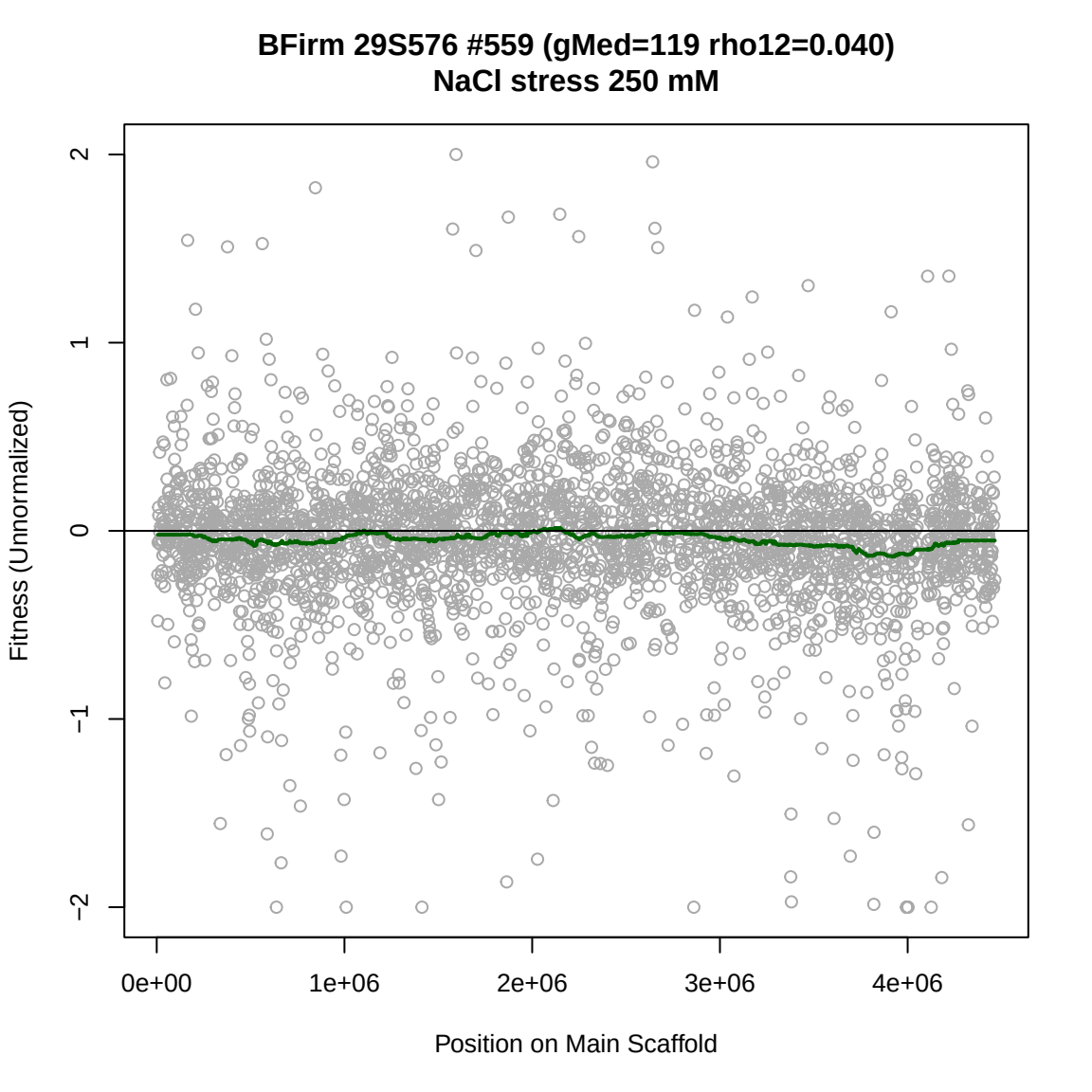

BFirm 29S563 #554 (gMed=56 rho12=0.158)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_0.8%ag
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

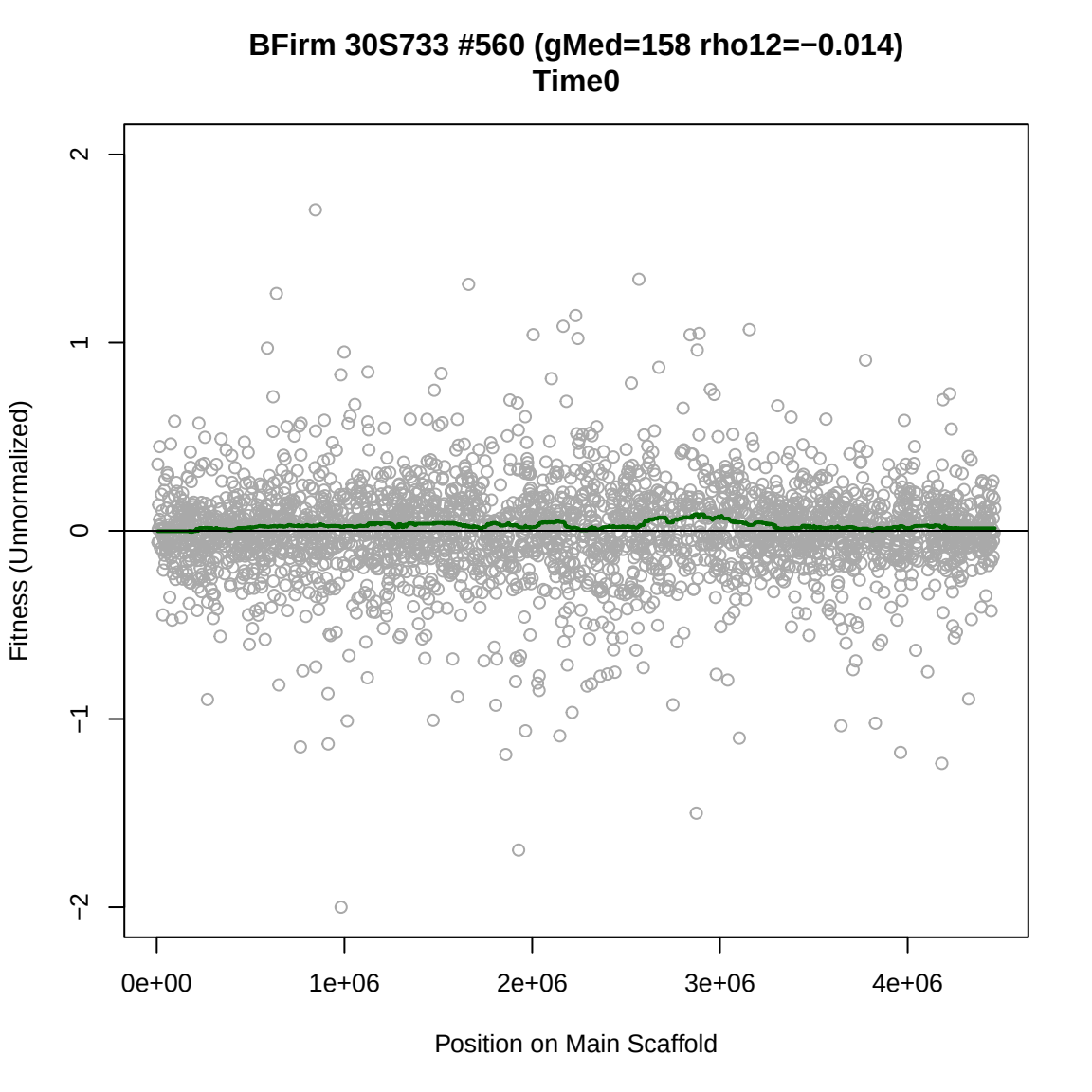

BFirm 29S571 #555 (gMed=58 rho12=0.004)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

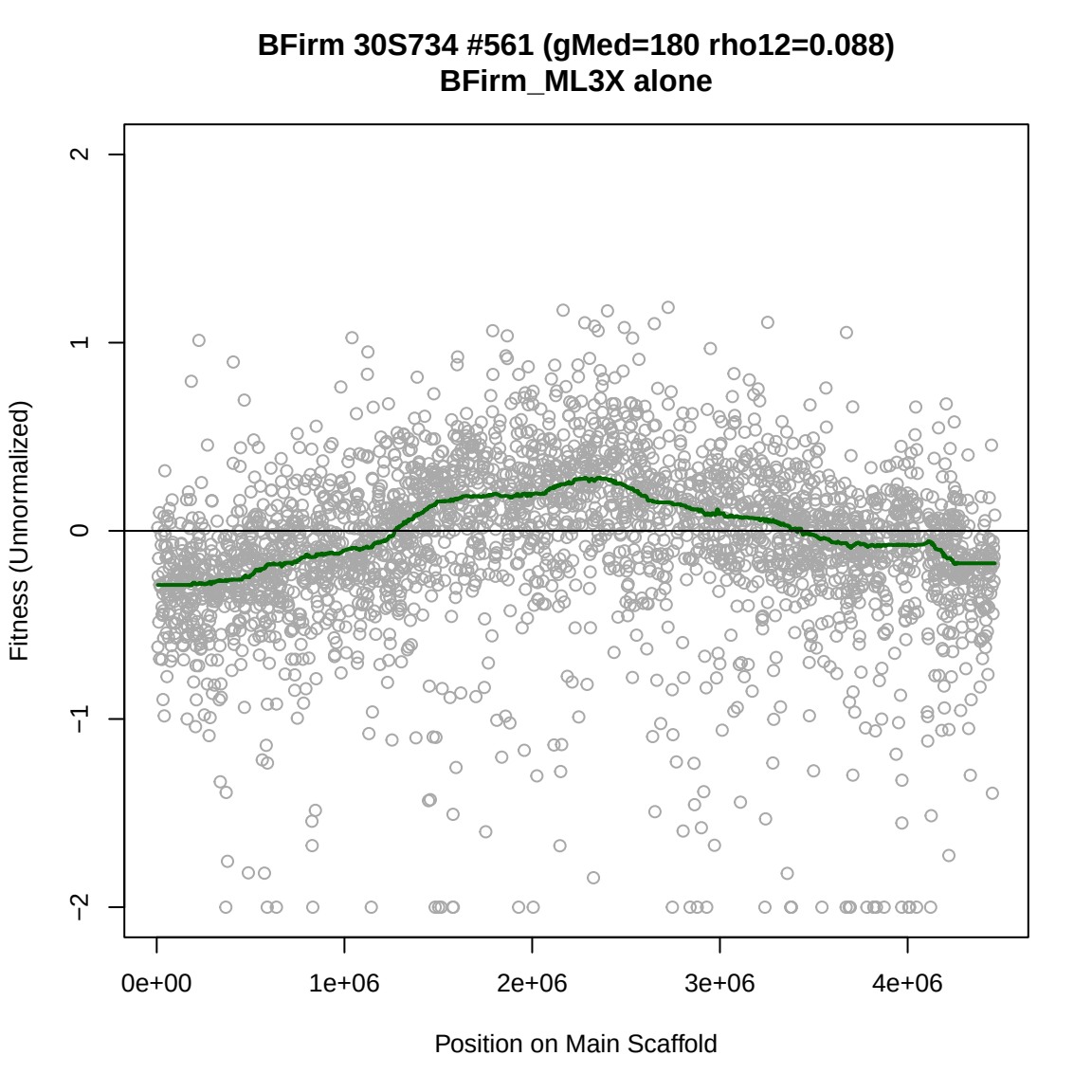

BFirm 29S572 #556 (gMed=73 rho12=0.091)
LB_noSalt 30C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

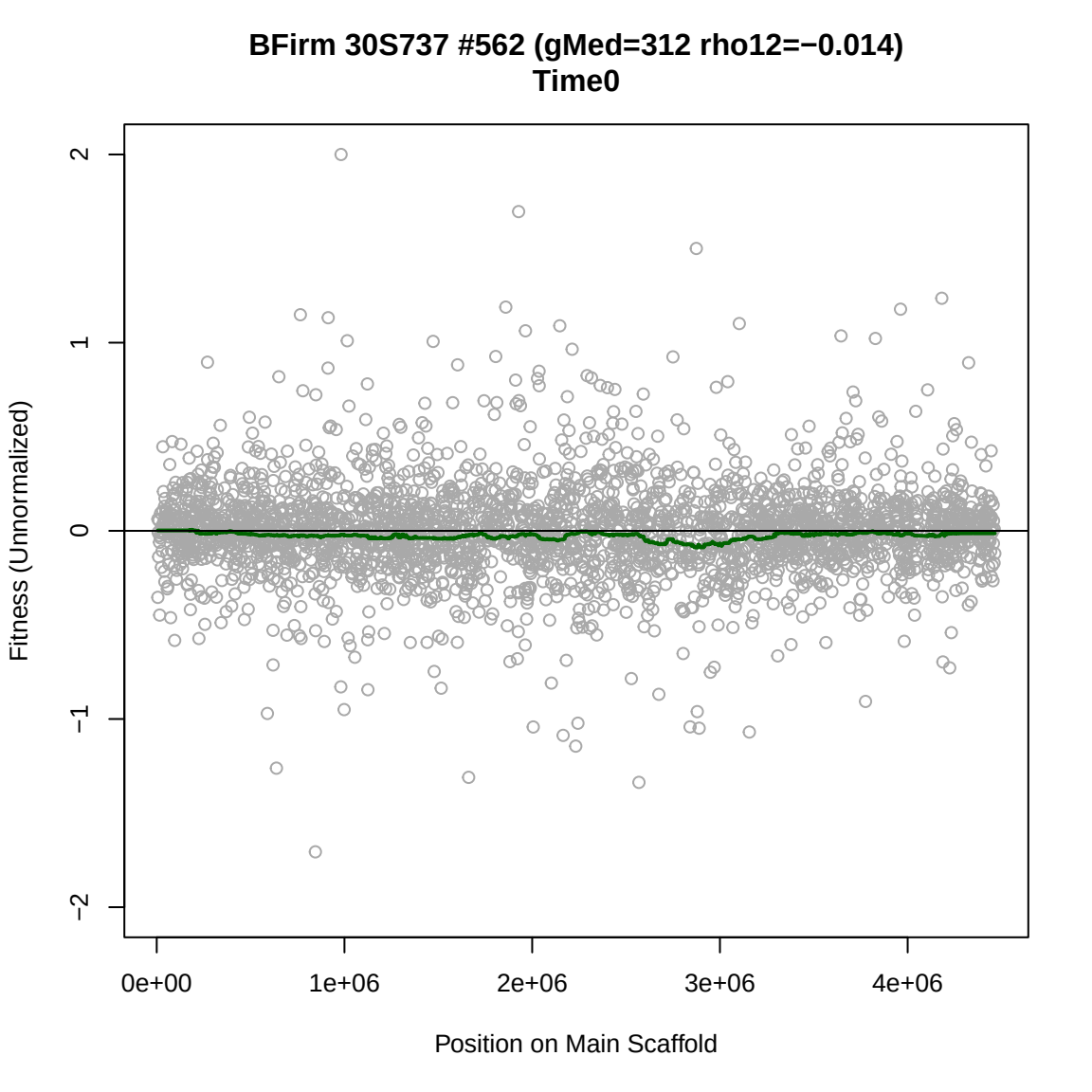

BFirm 29S573 #557 (gMed=134 rho12=0.046)
LB_noSalt 37C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

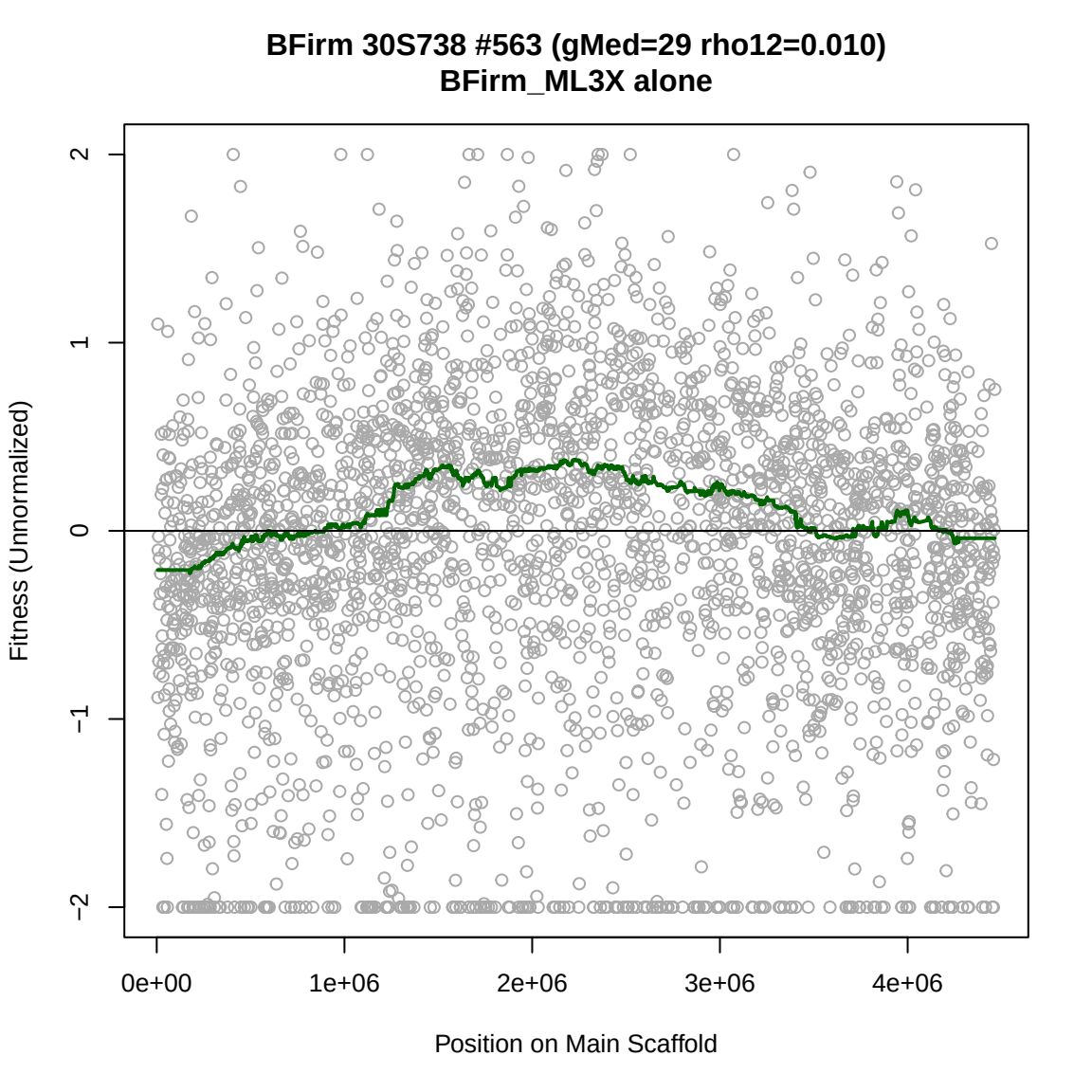

BFirm 29S575 #558 (gMed=16 rho12=0.020)
NaCl stress 85 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

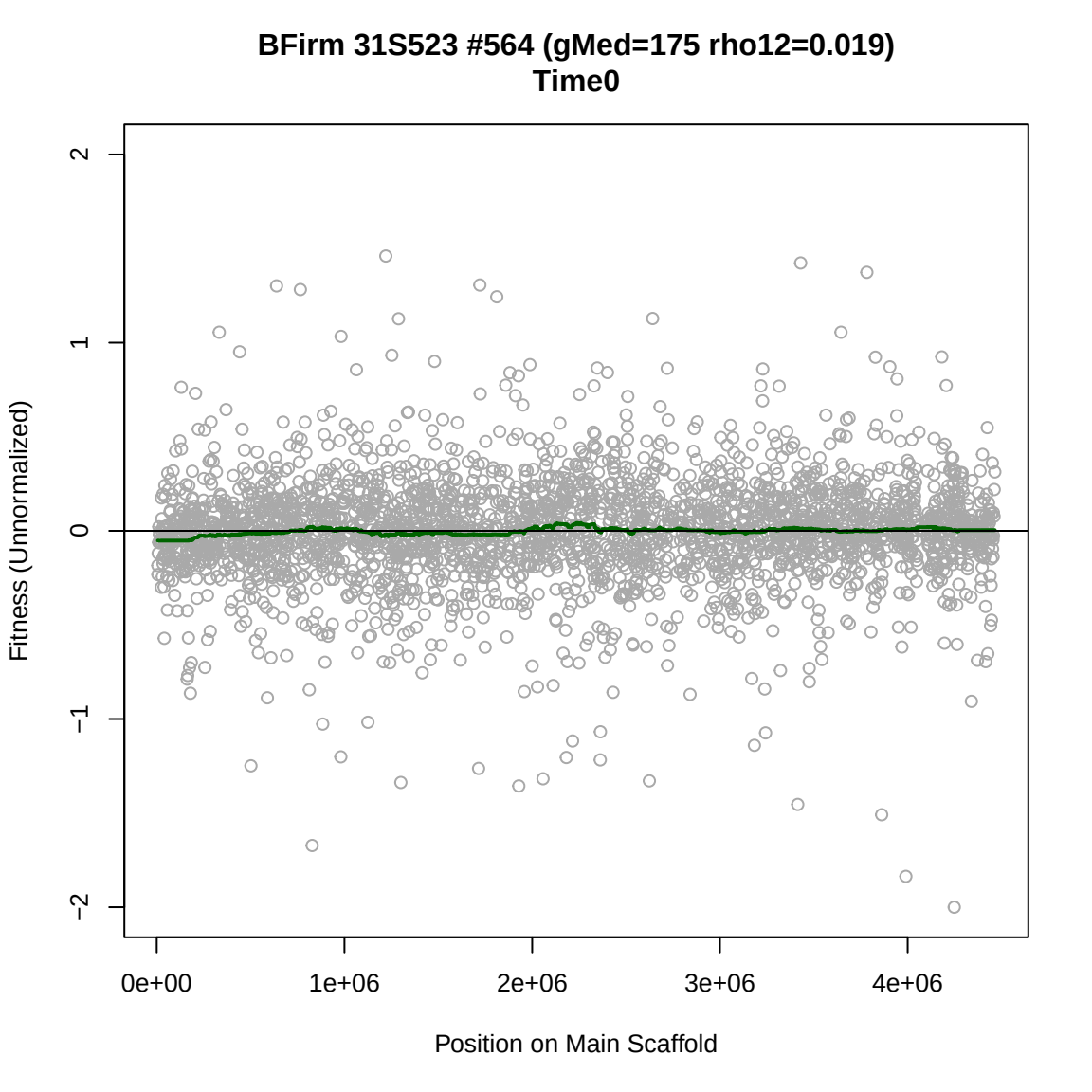

BFirm 29S576 #559 (gMed=119 rho12=0.040)
NaCl stress 250 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

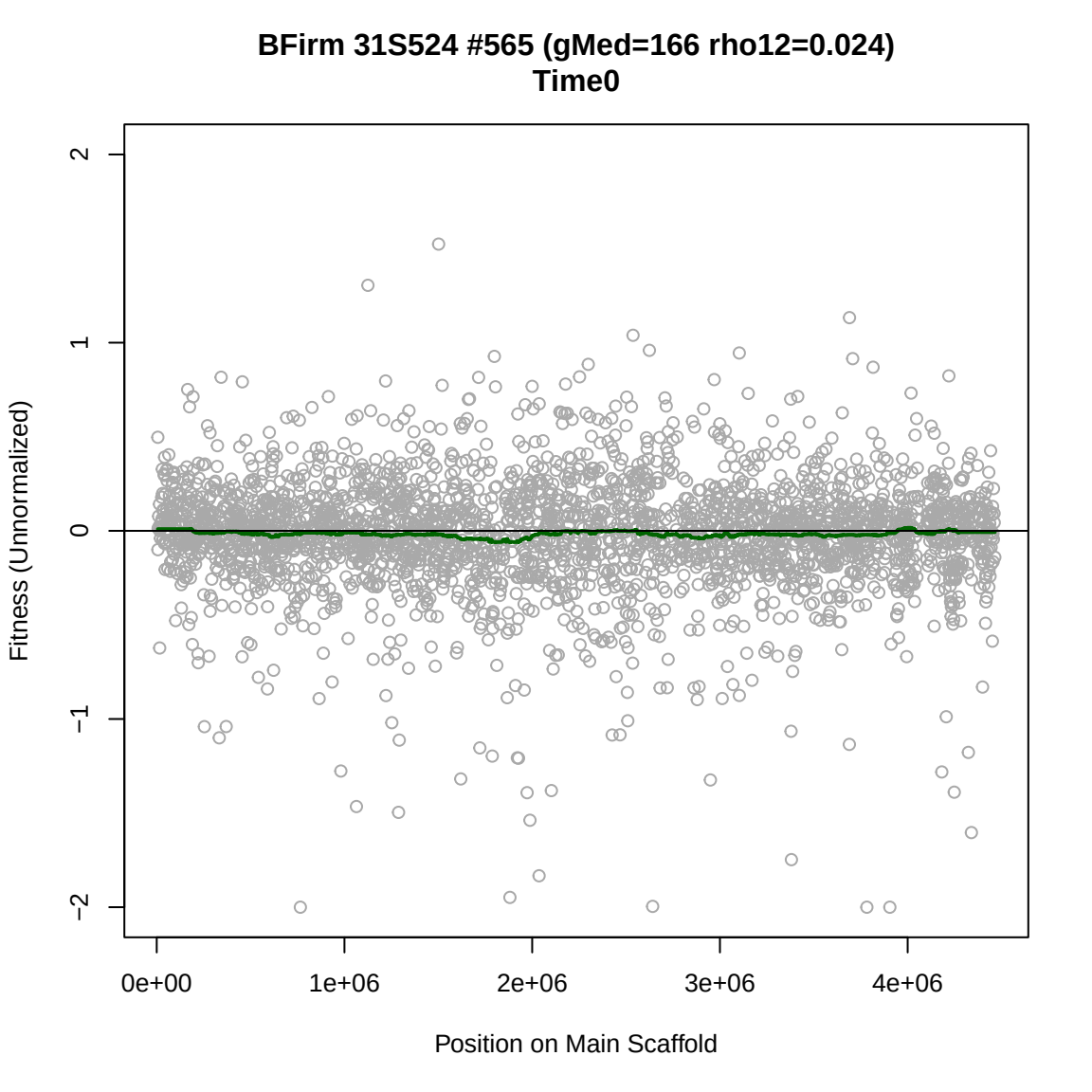

BFirm 30S733 #560 (gMed=158 rho12=−0.014)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

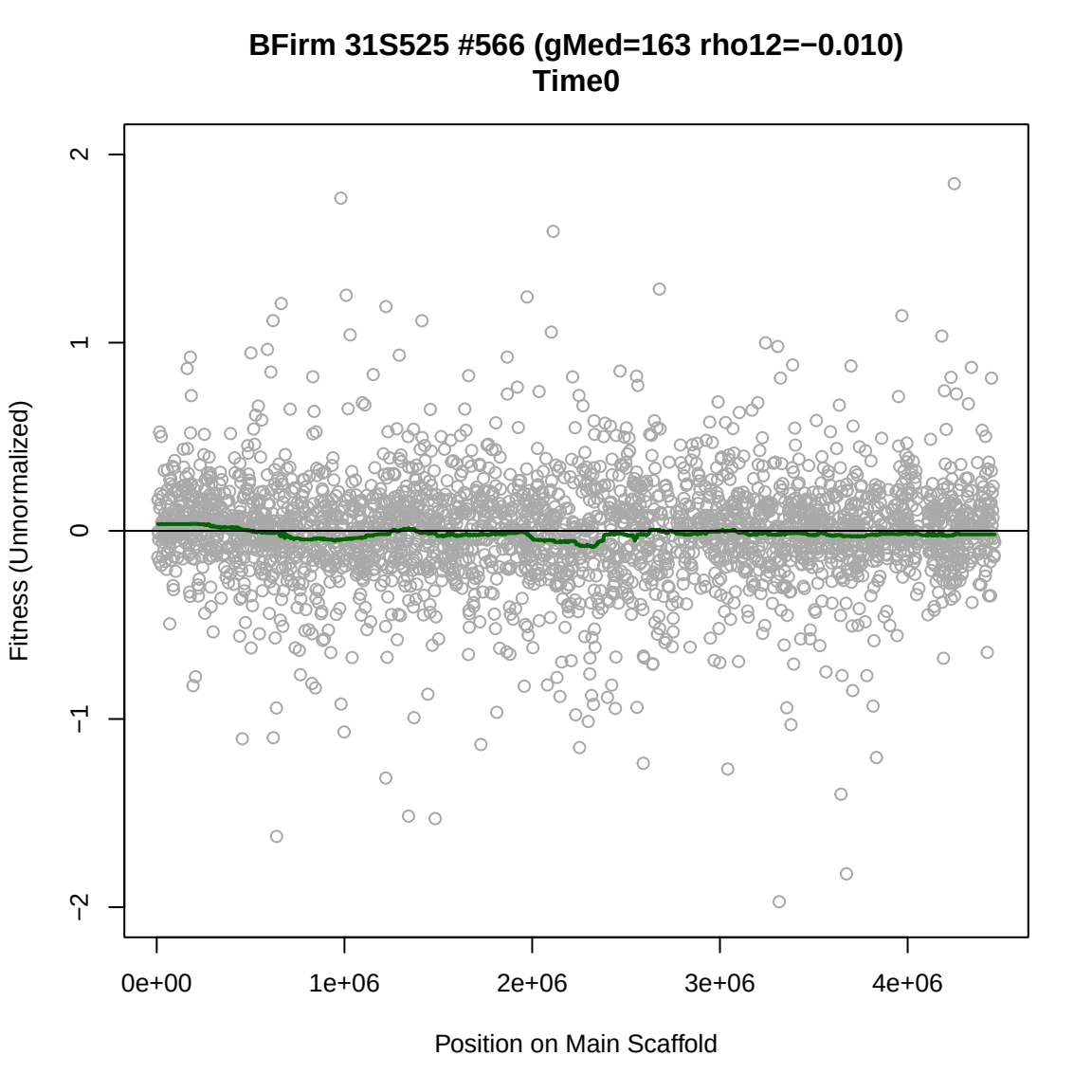

BFirm 30S734 #561 (gMed=180 rho12=0.088)
BFirm_ML3X alone
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

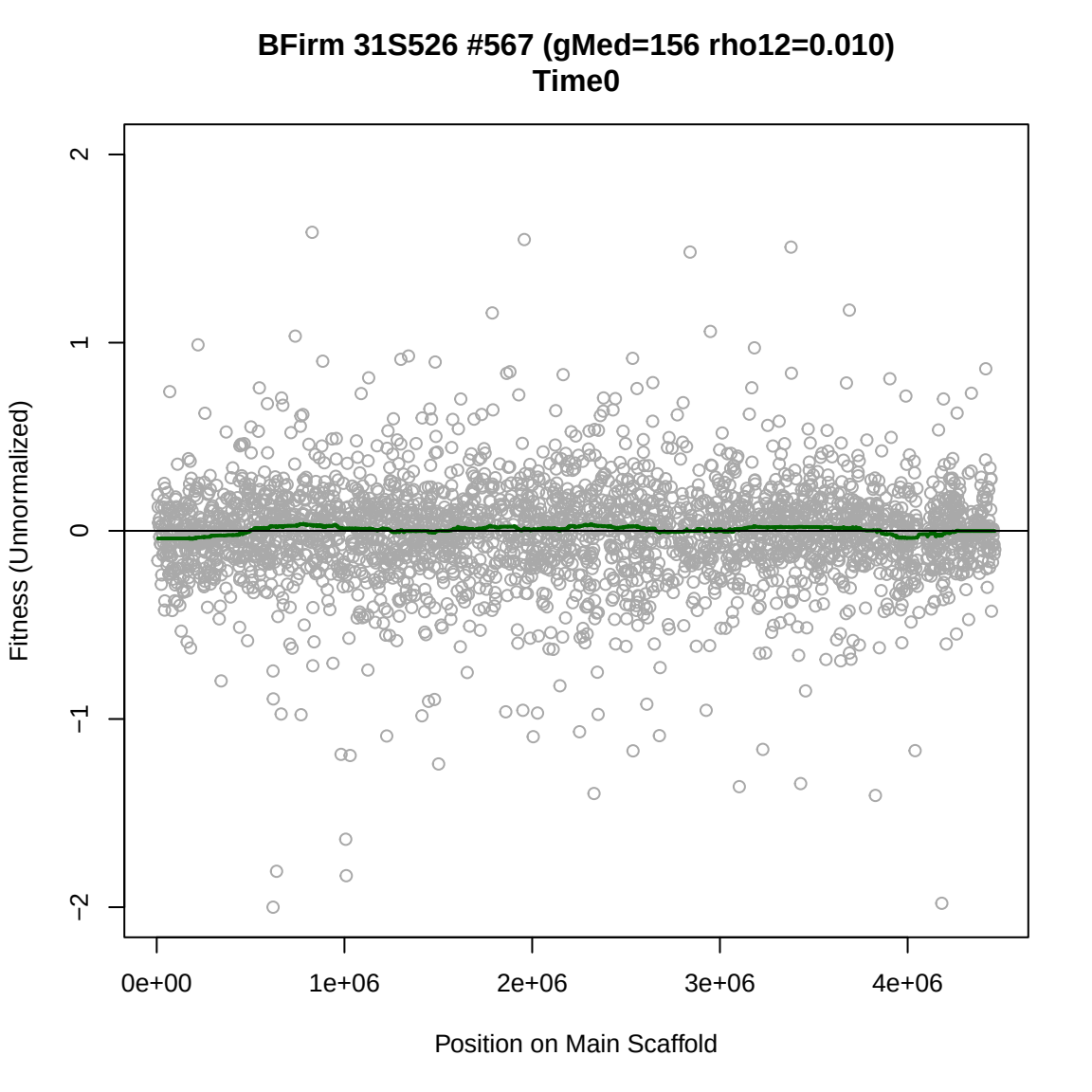

BFirm 30S737 #562 (gMed=312 rho12=−0.014)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

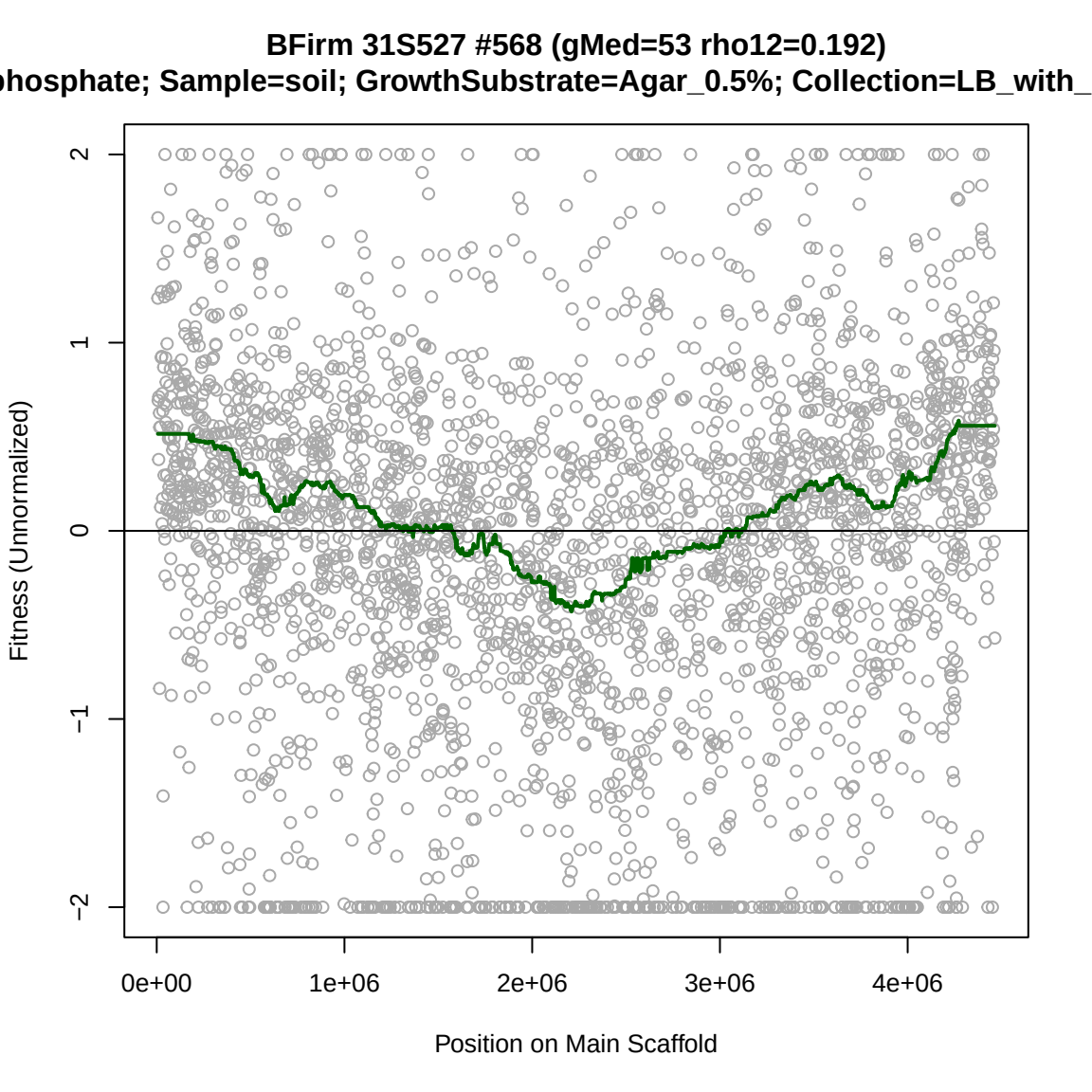

BFirm 30S738 #563 (gMed=29 rho12=0.010)
BFirm_ML3X alone
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

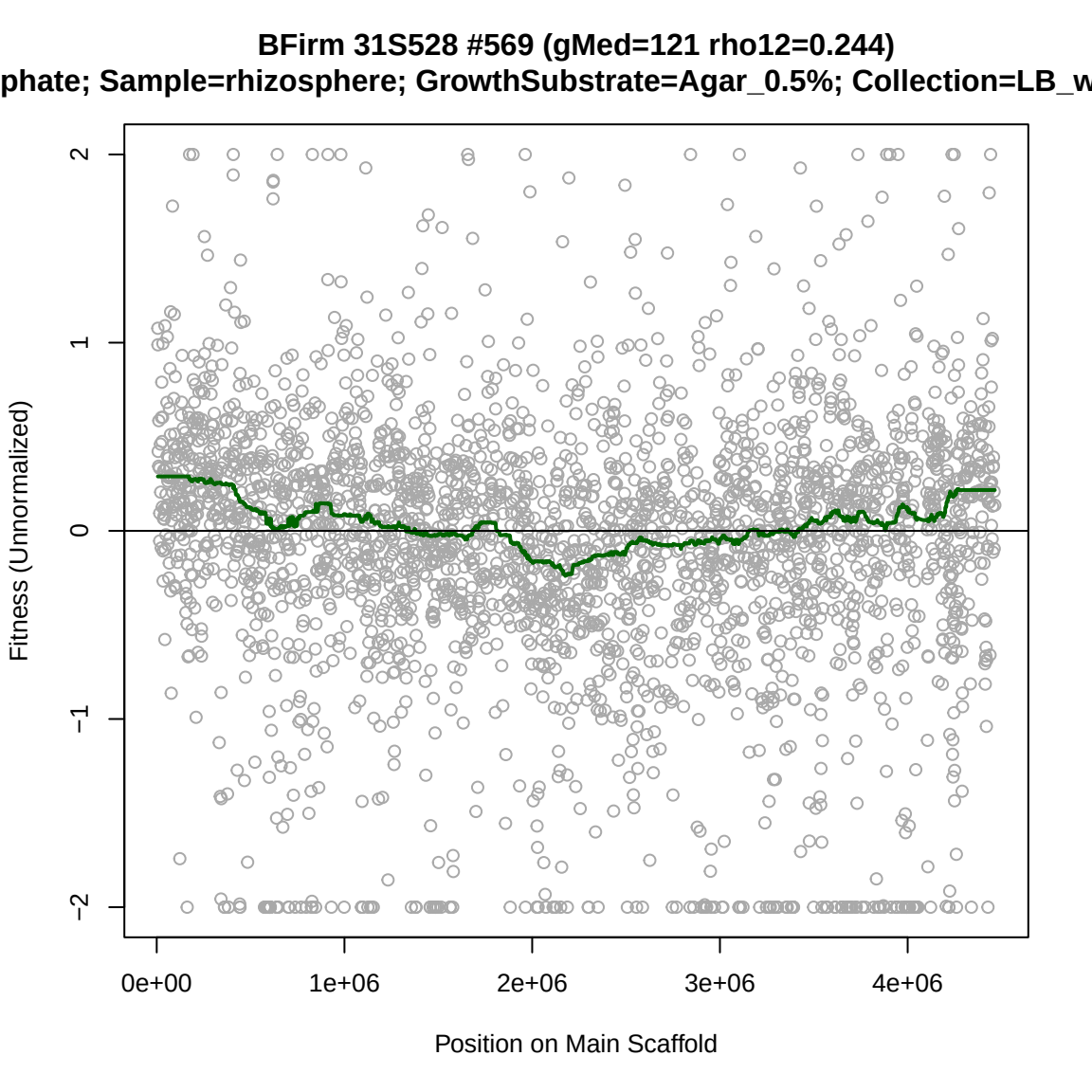

BFirm 31S523 #564 (gMed=175 rho12=0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

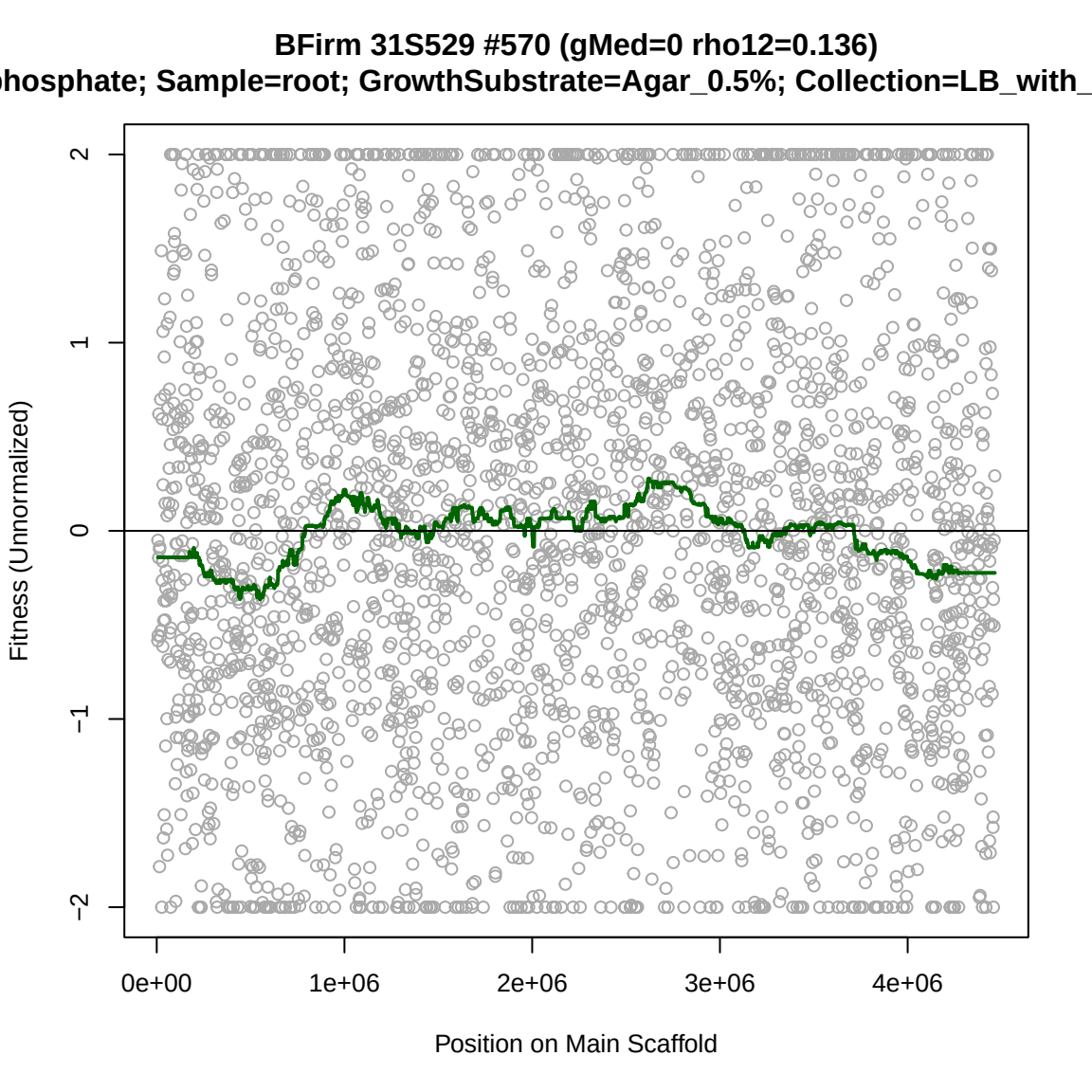

BFirm 31S524 #565 (gMed=166 rho12=0.024)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

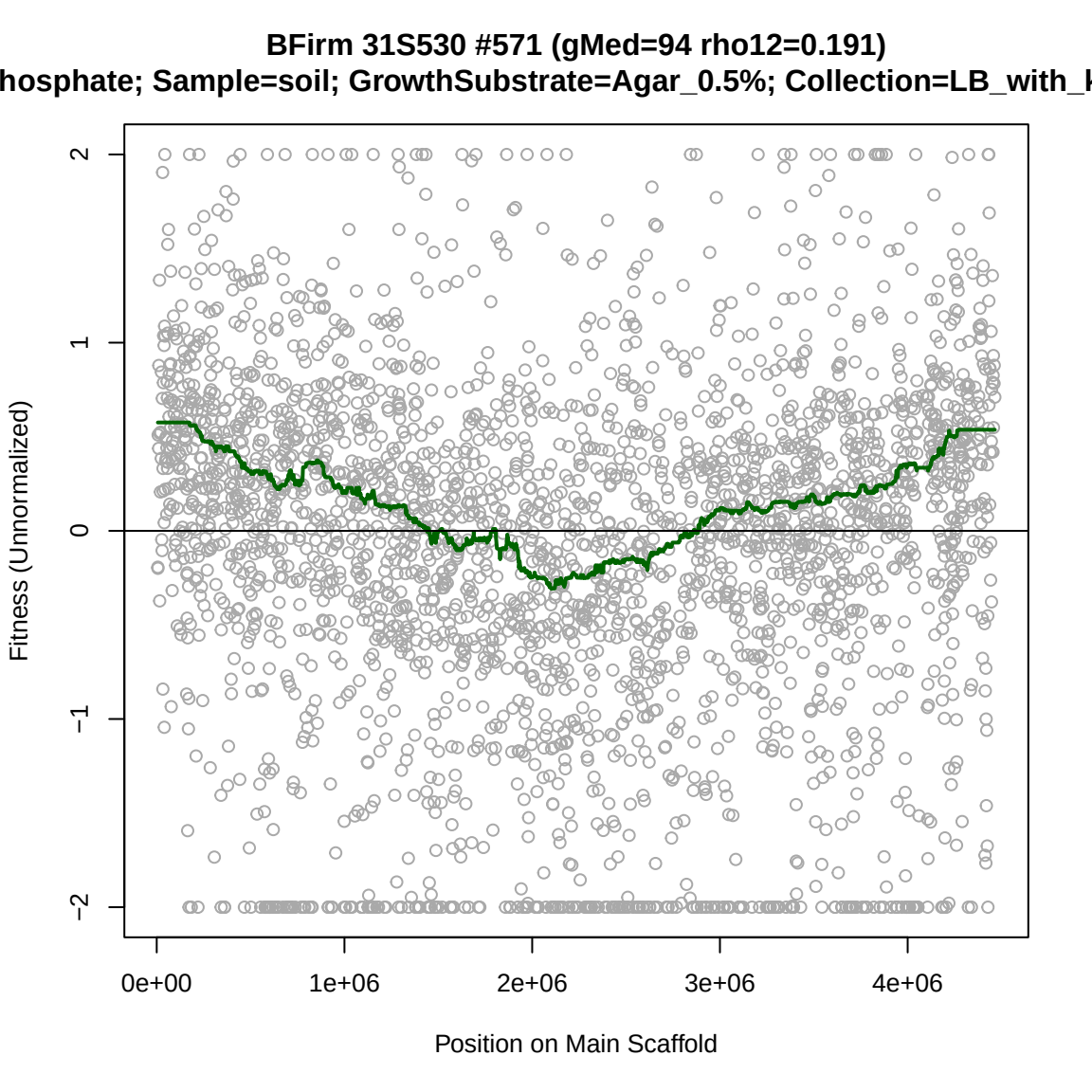

BFirm 31S525 #566 (gMed=163 rho12=−0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

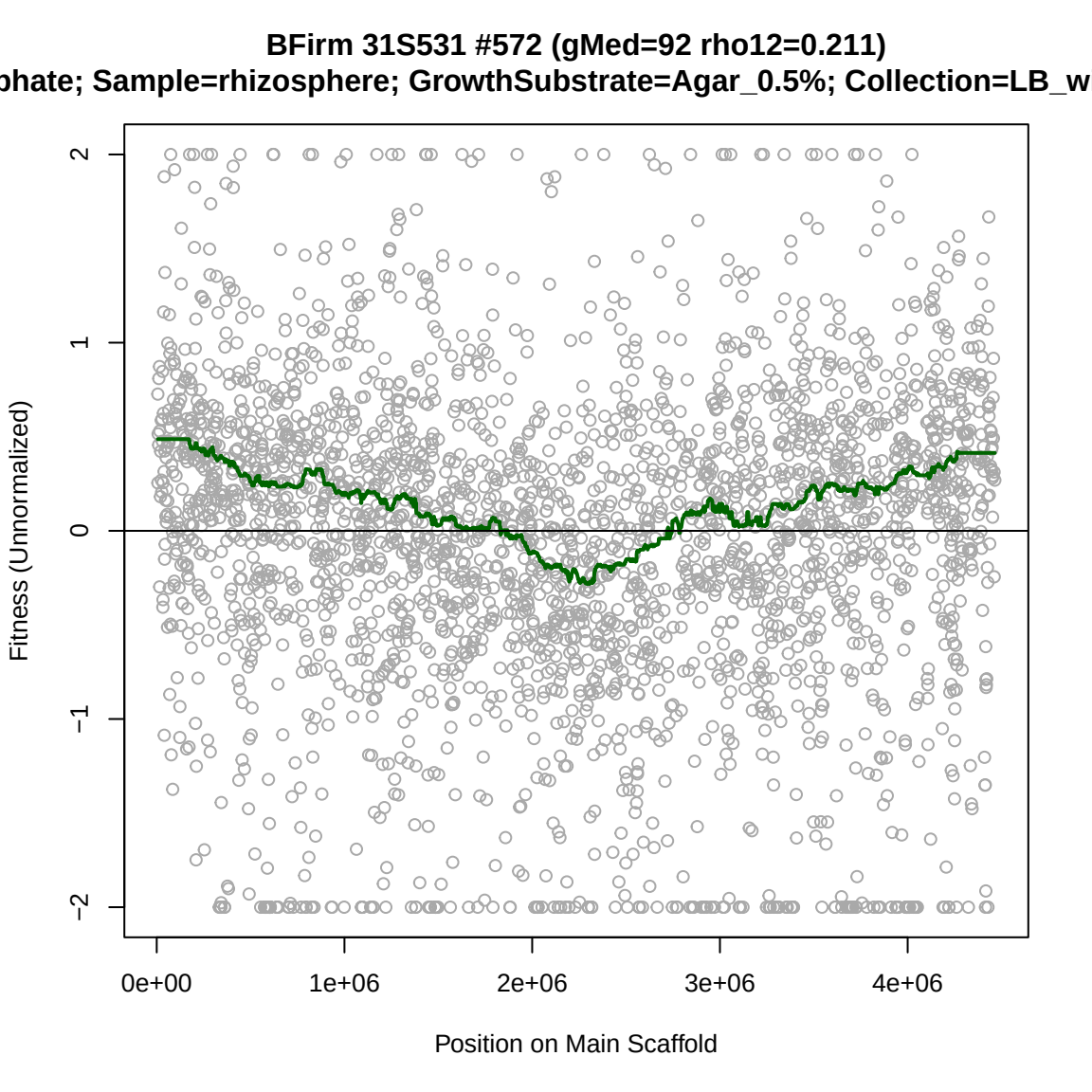

BFirm 31S526 #567 (gMed=156 rho12=0.010)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

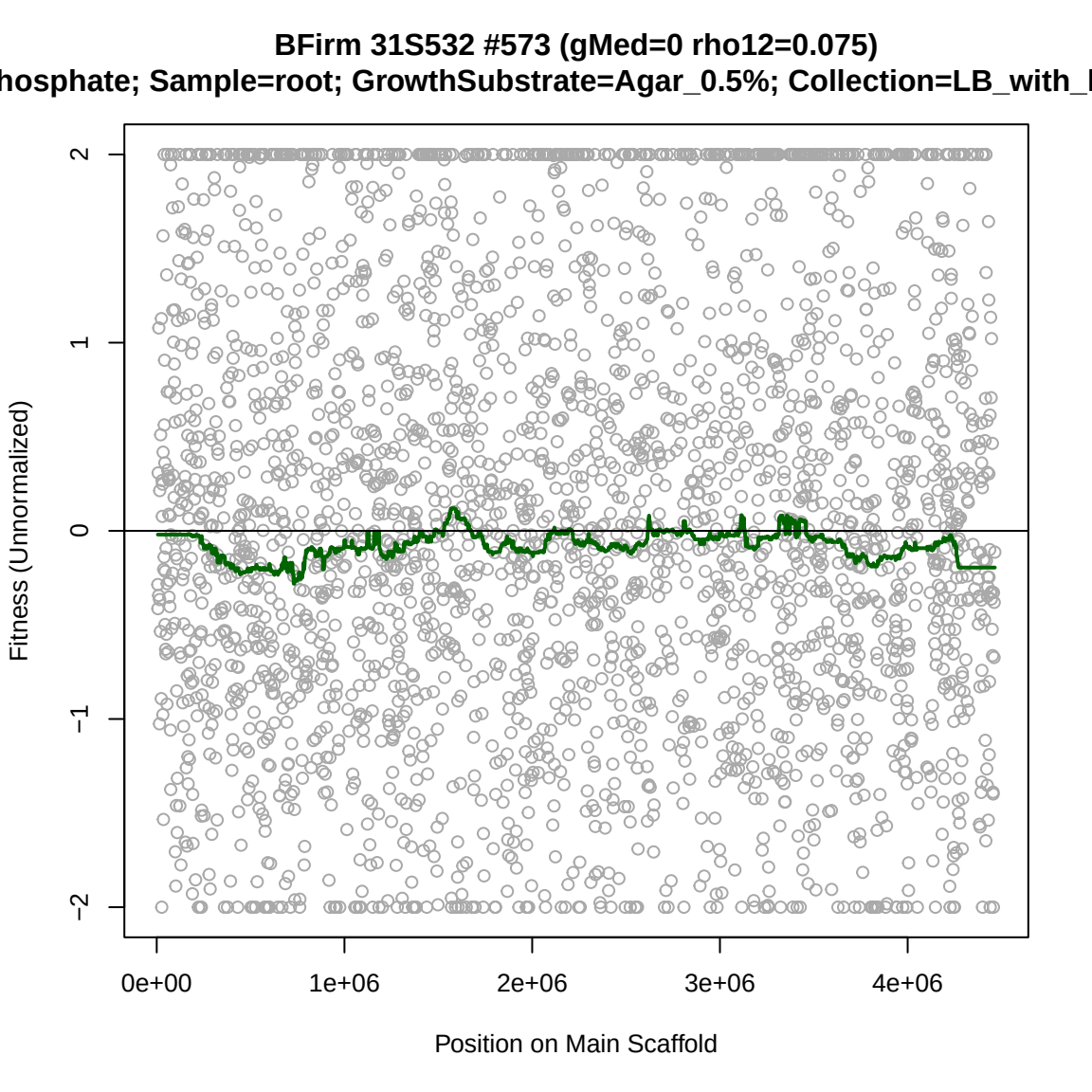

BFirm 31S527 #568 (gMed=53 rho12=0.192)
phosphate; Sample=soil; GrowthSubstrate=Agar_0.5%; Collection=LB_with_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

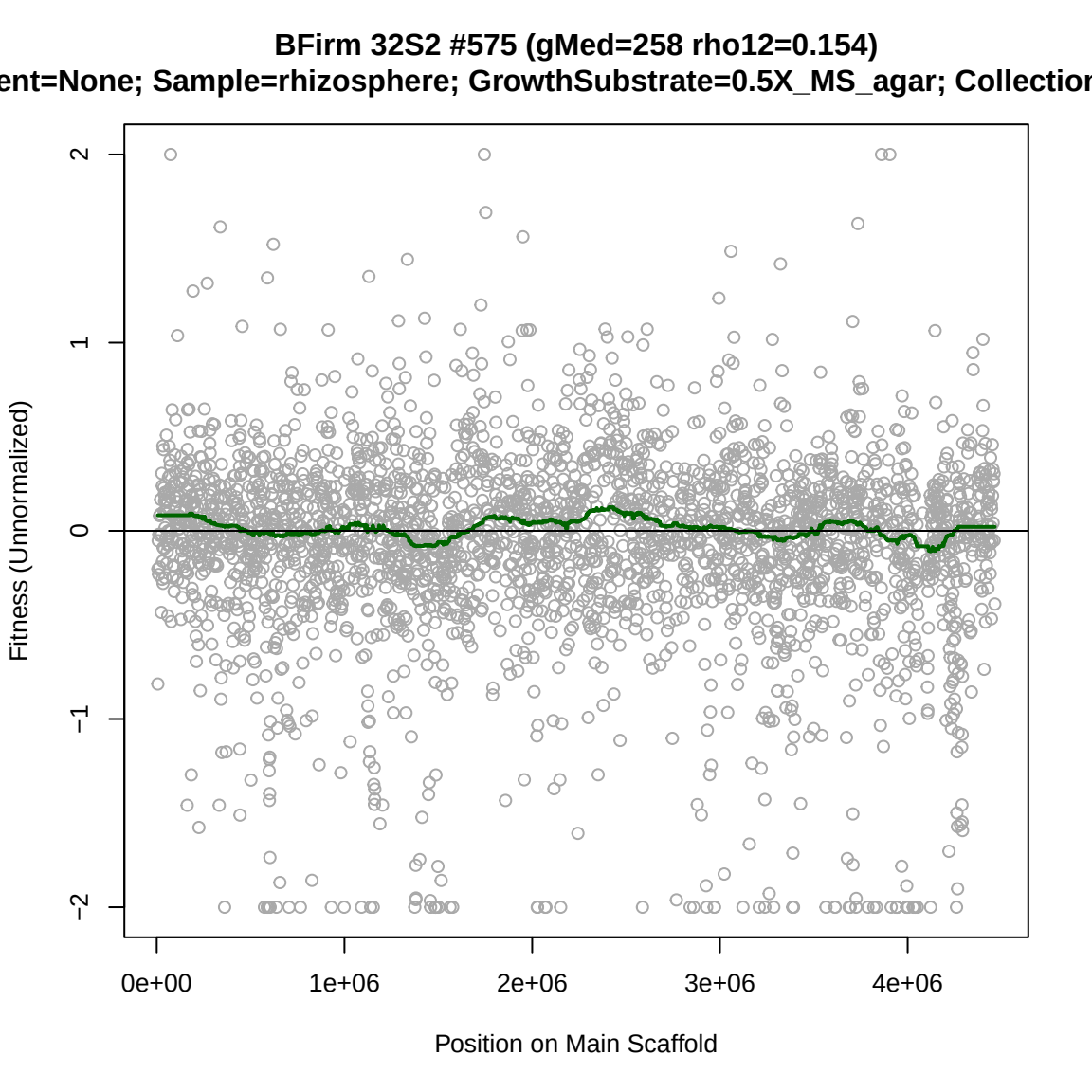

BFirm 31S528 #569 (gMed=121 rho12=0.244)
phate; Sample=rhizosphere; GrowthSubstrate=Agar_0.5%; Collection=LB_w
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

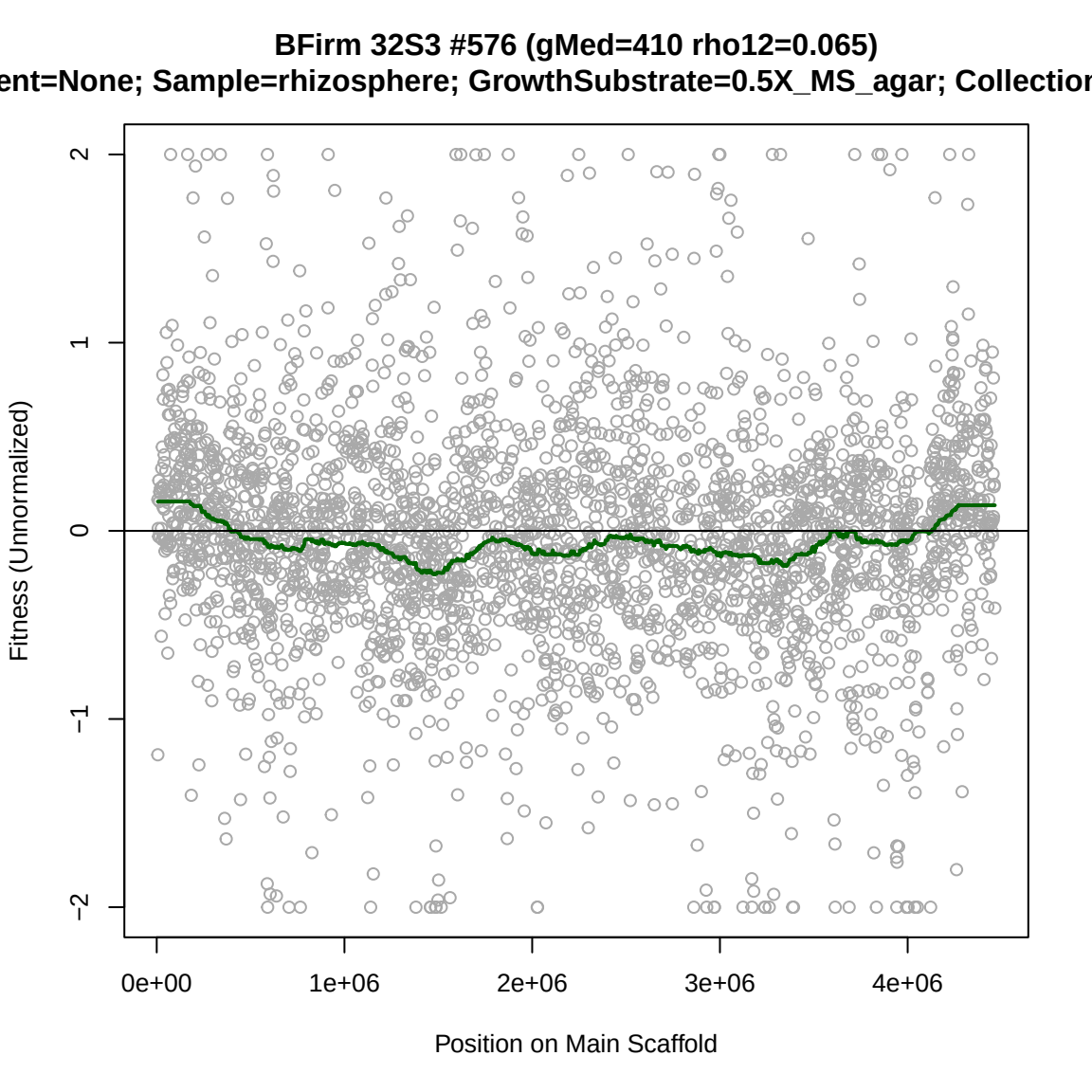

BFirm 31S529 #570 (gMed=0 rho12=0.136)
hosphate; Sample=root; GrowthSubstrate=Agar_0.5%; Collection=LB_with_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

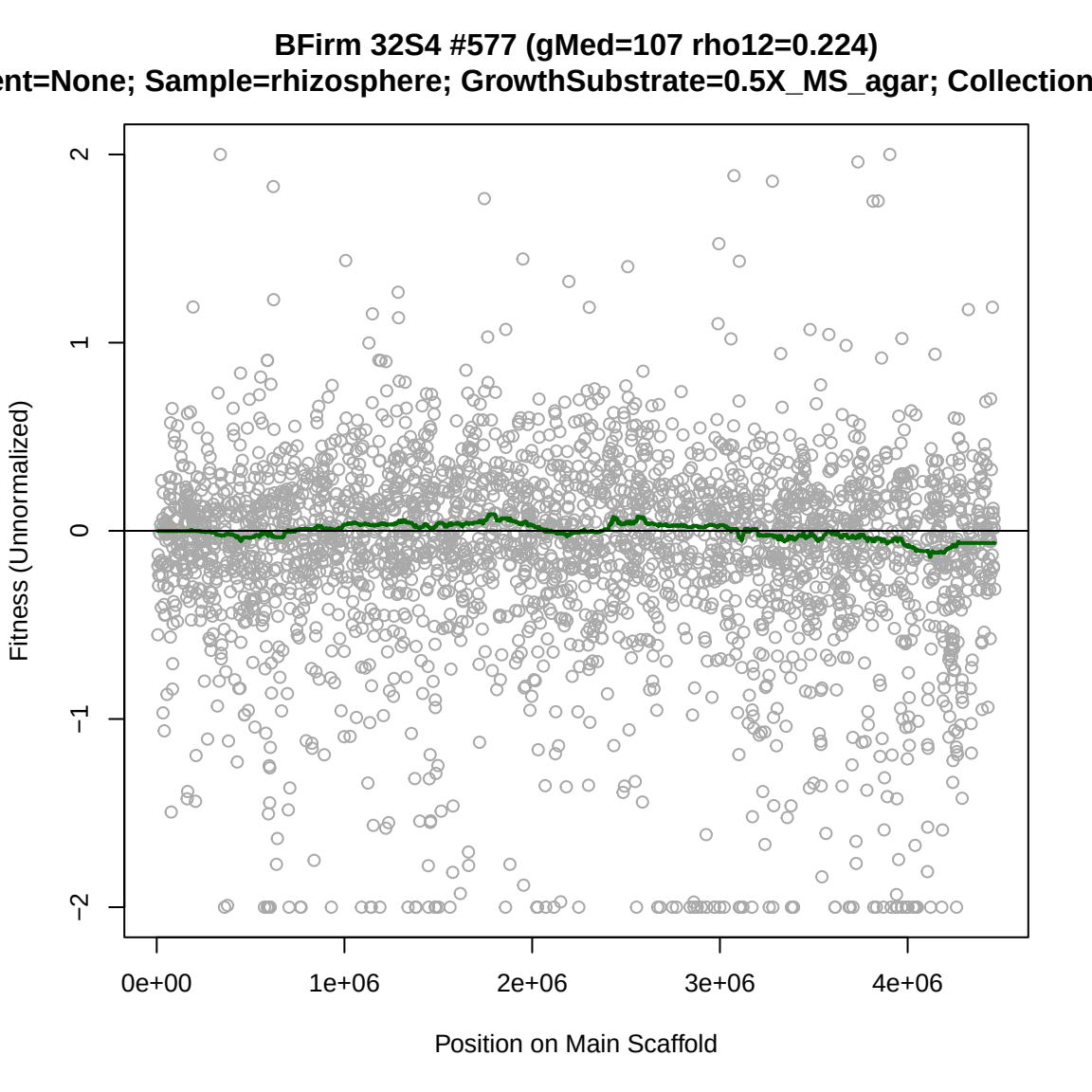

BFirm 31S530 #571 (gMed=94 rho12=0.191)
hosphate; Sample=soil; GrowthSubstrate=Agar_0.5%; Collection=LB_with_K
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

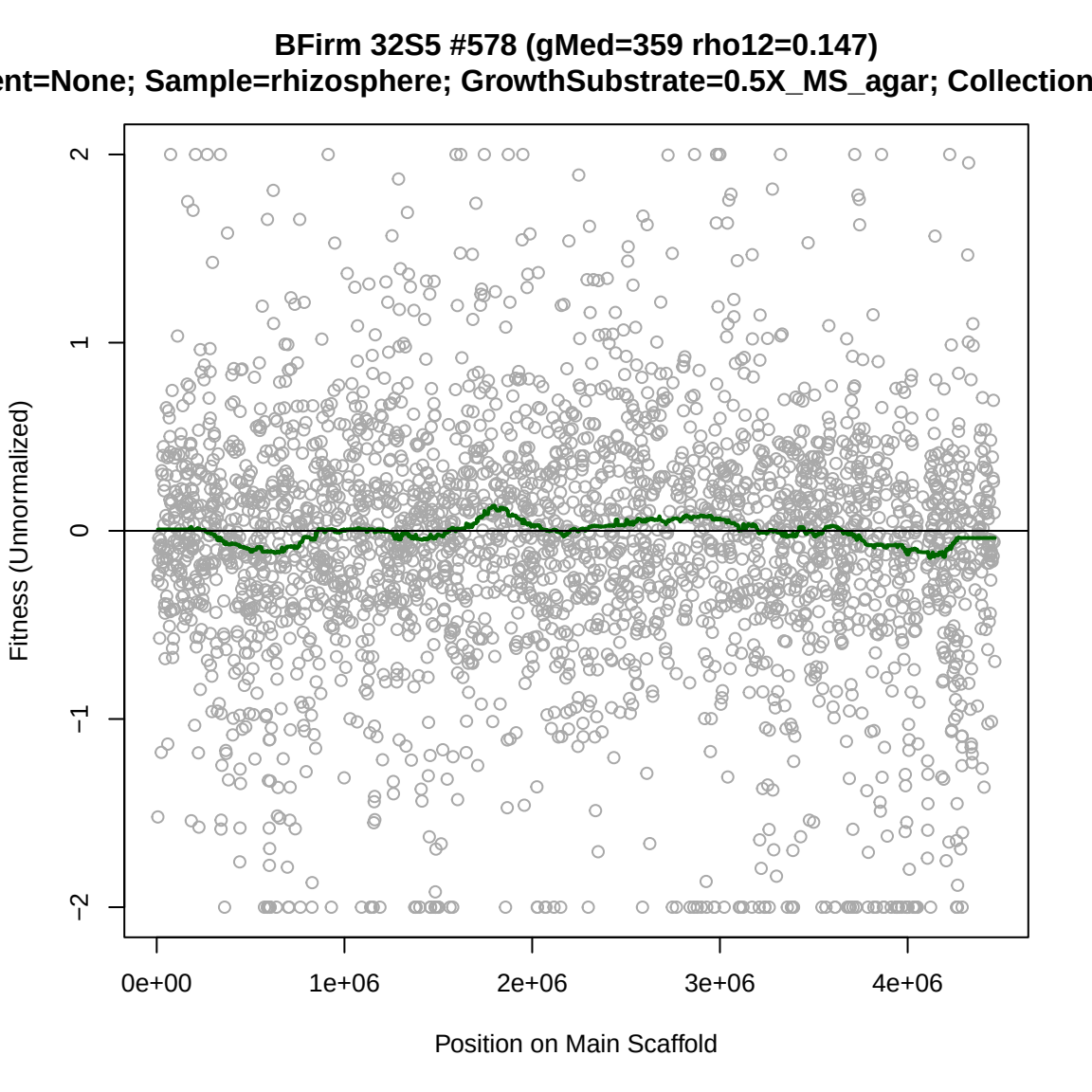

BFirm 31S531 #572 (gMed=92 rho12=0.211)
phate; Sample=rhizosphere; GrowthSubstrate=Agar_0.5%; Collection=LB_w
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

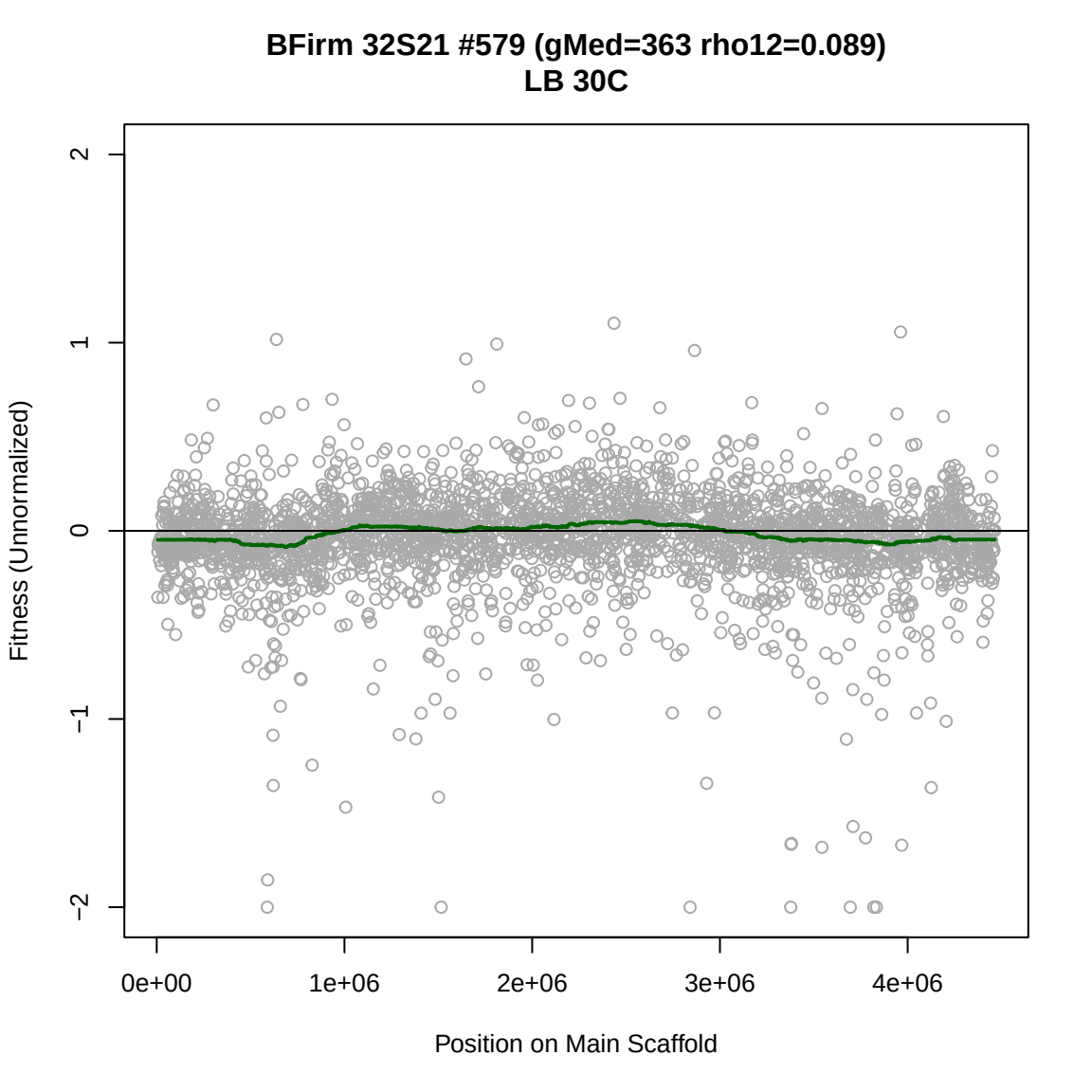

BFirm 31S532 #573 (gMed=0 rho12=0.075)
hosphate; Sample=root; GrowthSubstrate=Agar_0.5%; Collection=LB_with_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

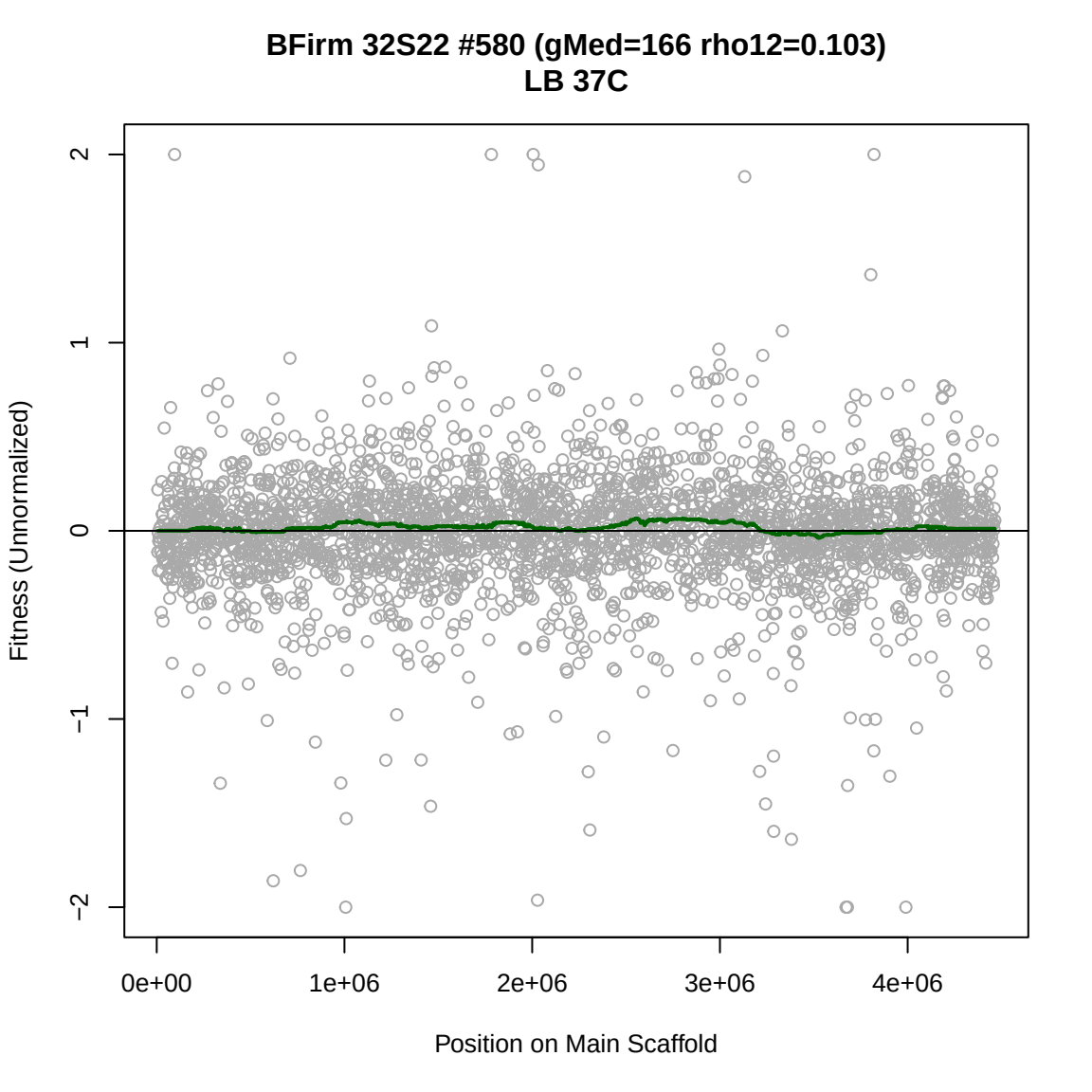

BFirm 32S2 #575 (gMed=258 rho12=0.154)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

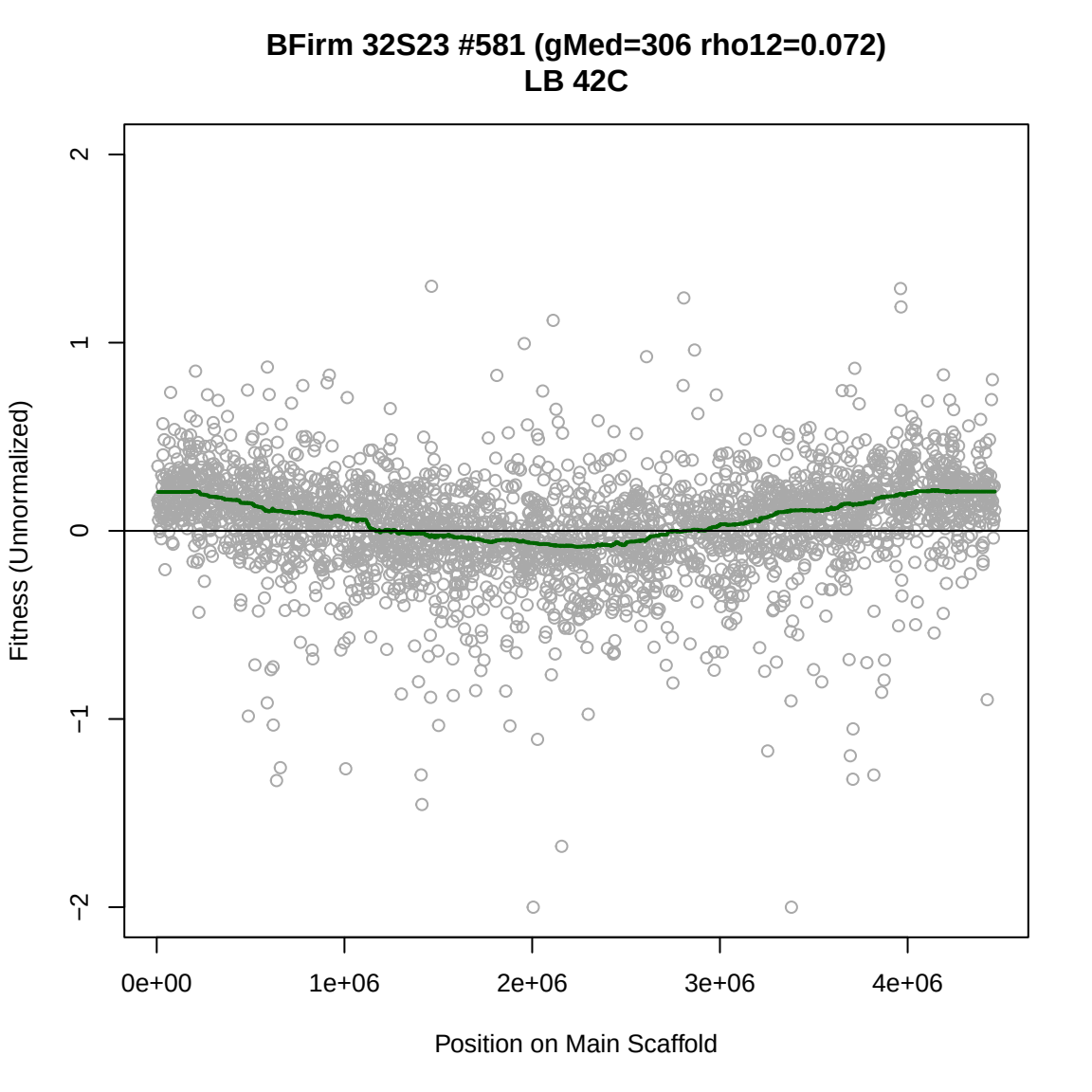

BFirm 32S3 #576 (gMed=410 rho12=0.065)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

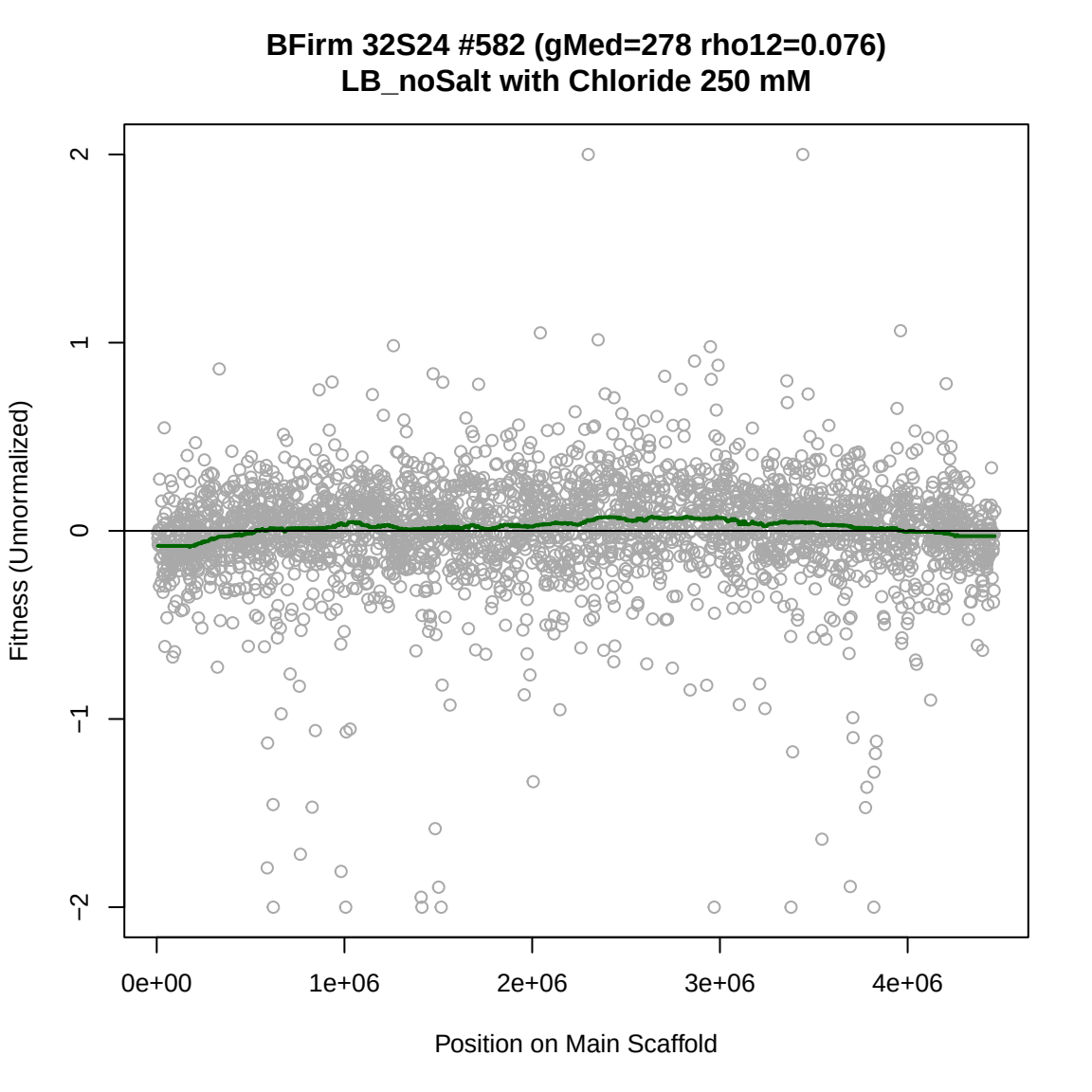

BFirm 32S4 #577 (gMed=107 rho12=0.224)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

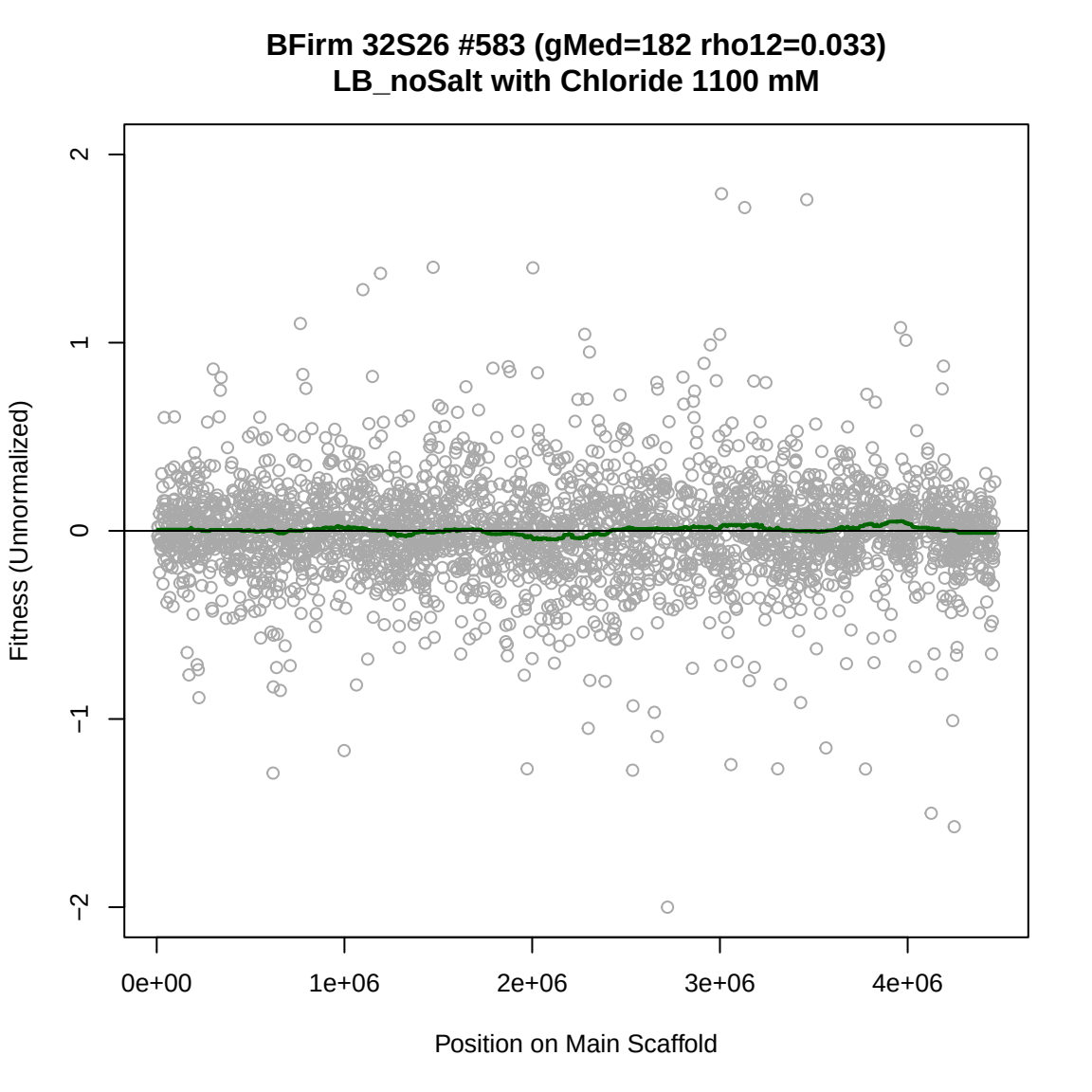

BFirm 32S5 #578 (gMed=359 rho12=0.147)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

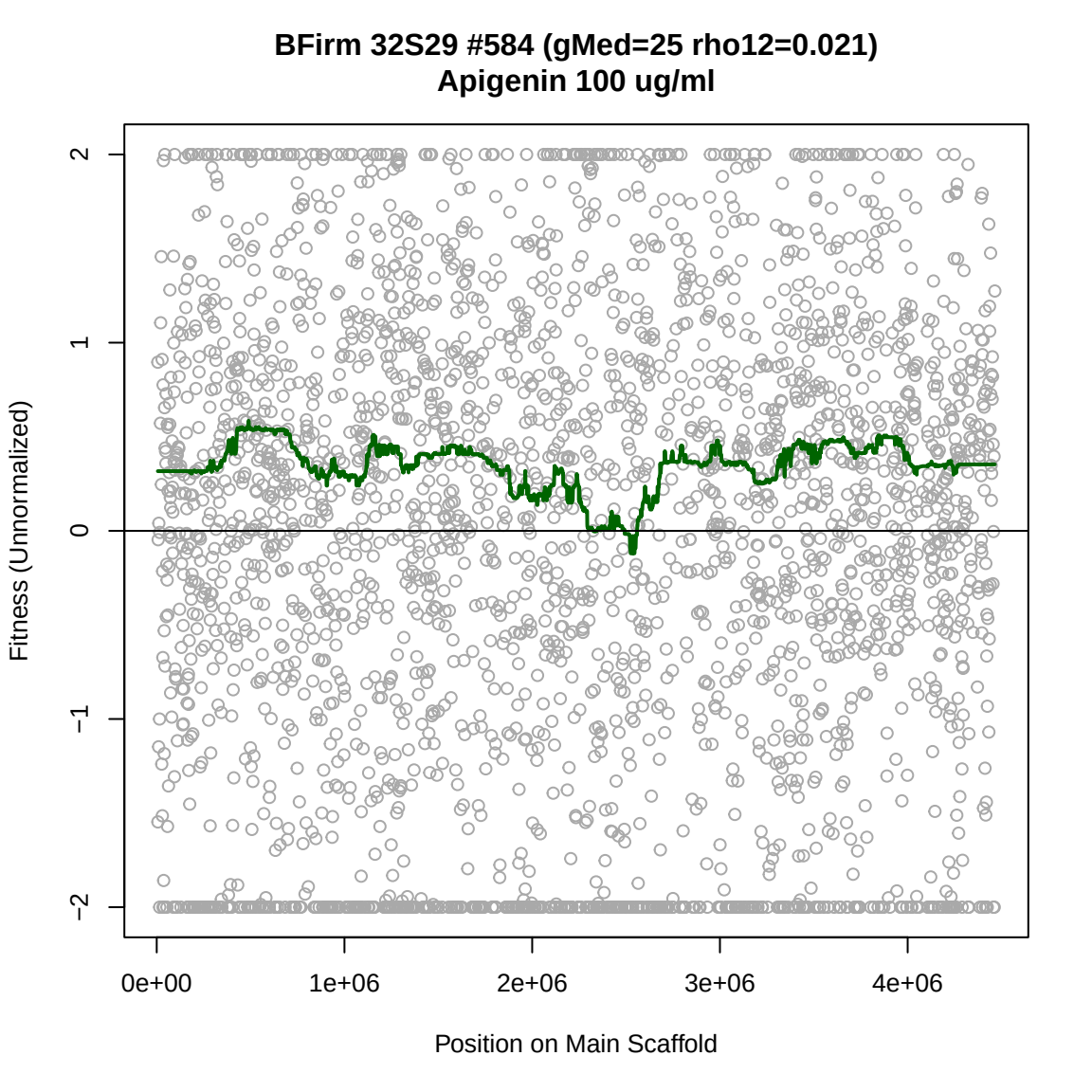

BFirm 32S21 #579 (gMed=363 rho12=0.089)
LB 30C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

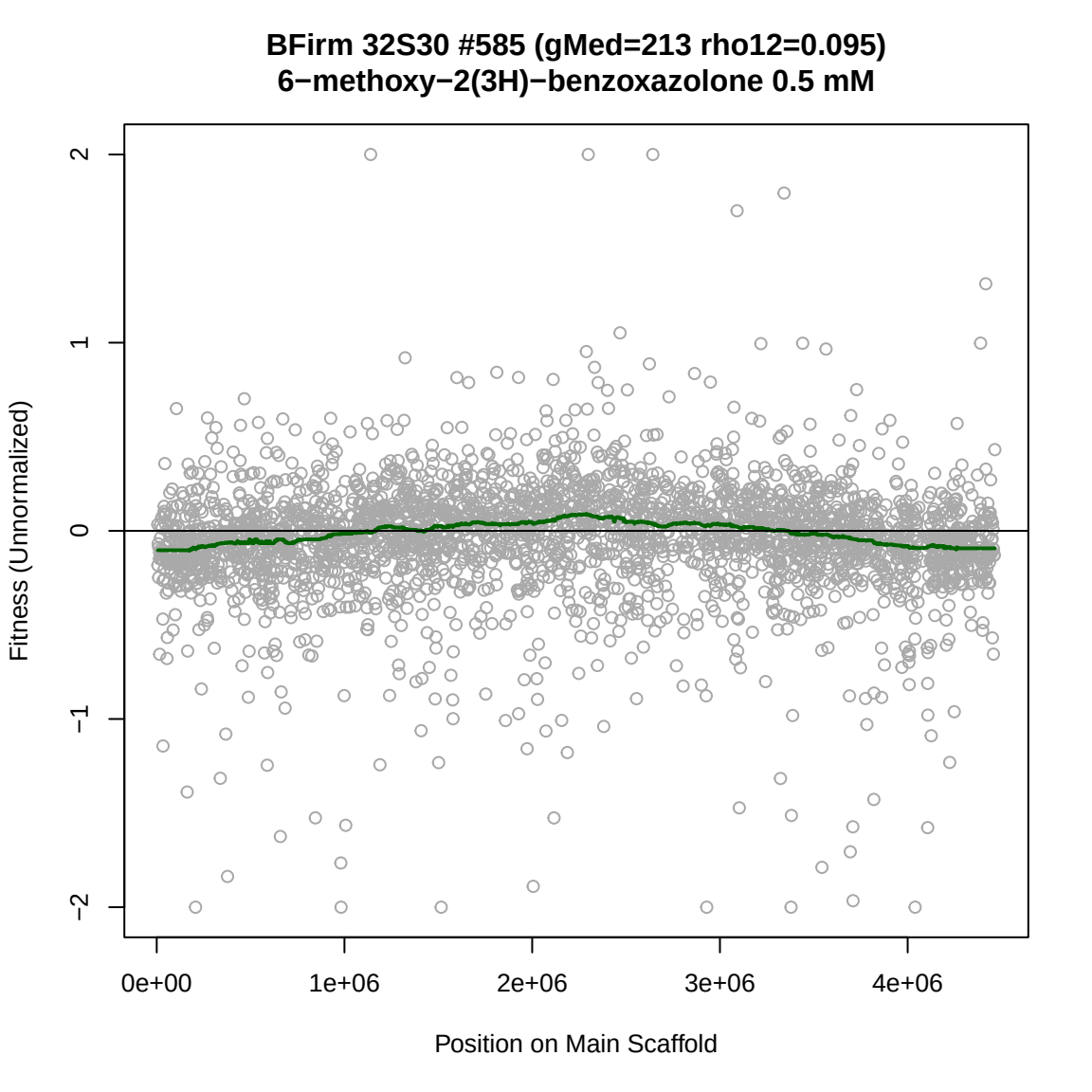

BFirm 32S22 #580 (gMed=166 rho12=0.103)
LB 37C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

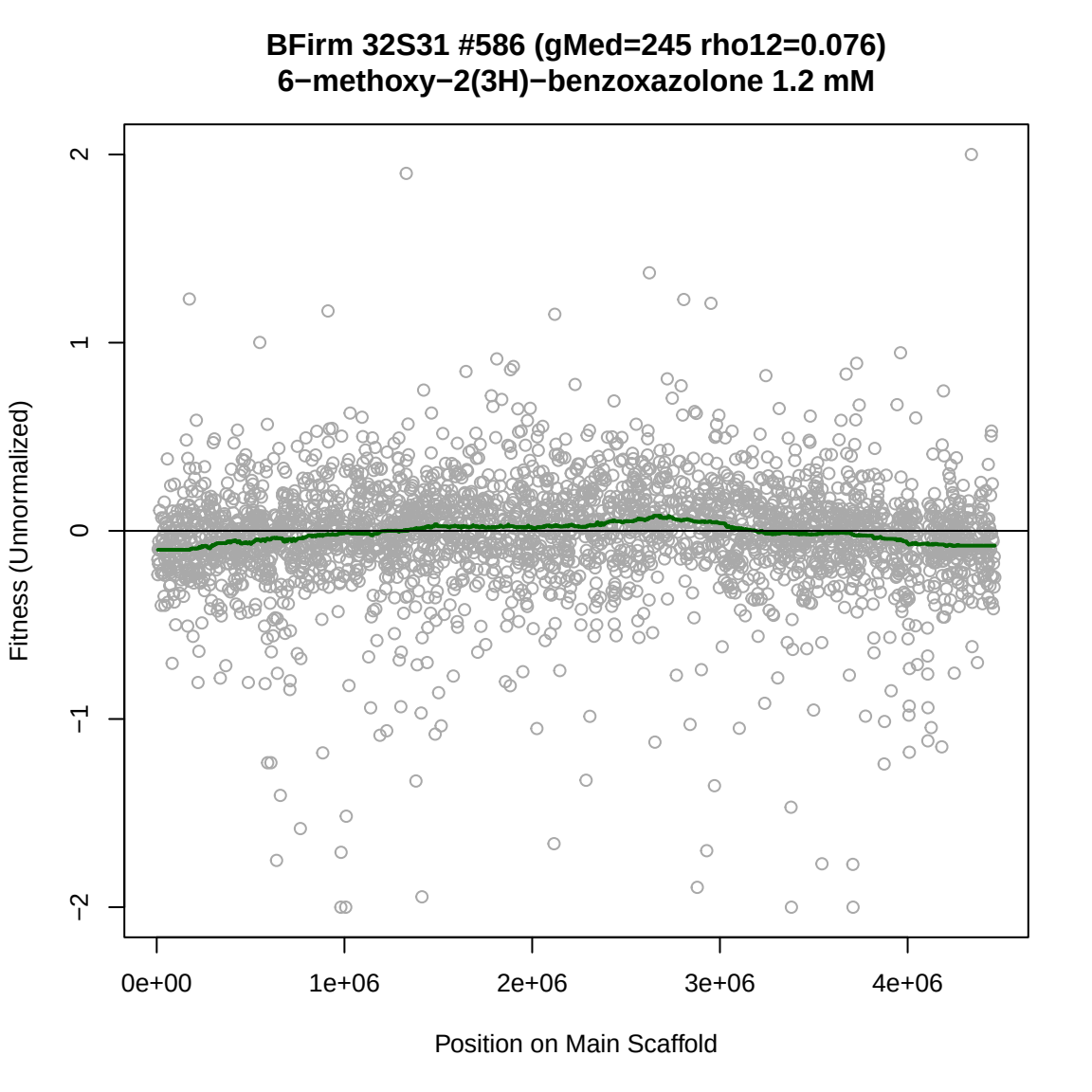

BFirm 32S23 #581 (gMed=306 rho12=0.072)
LB 42C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

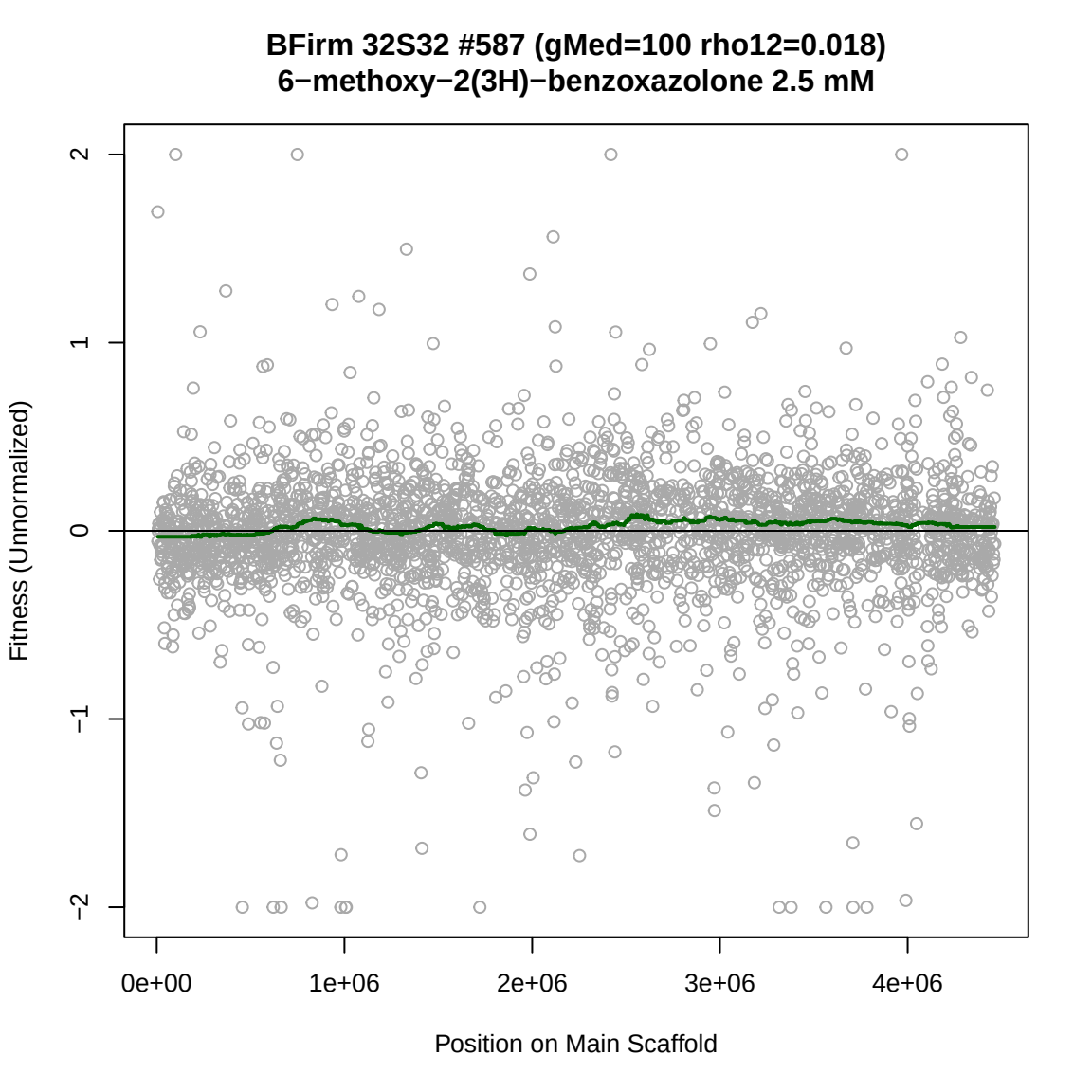

BFirm 32S24 #582 (gMed=278 rho12=0.076)
LB_noSalt with Chloride 250 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

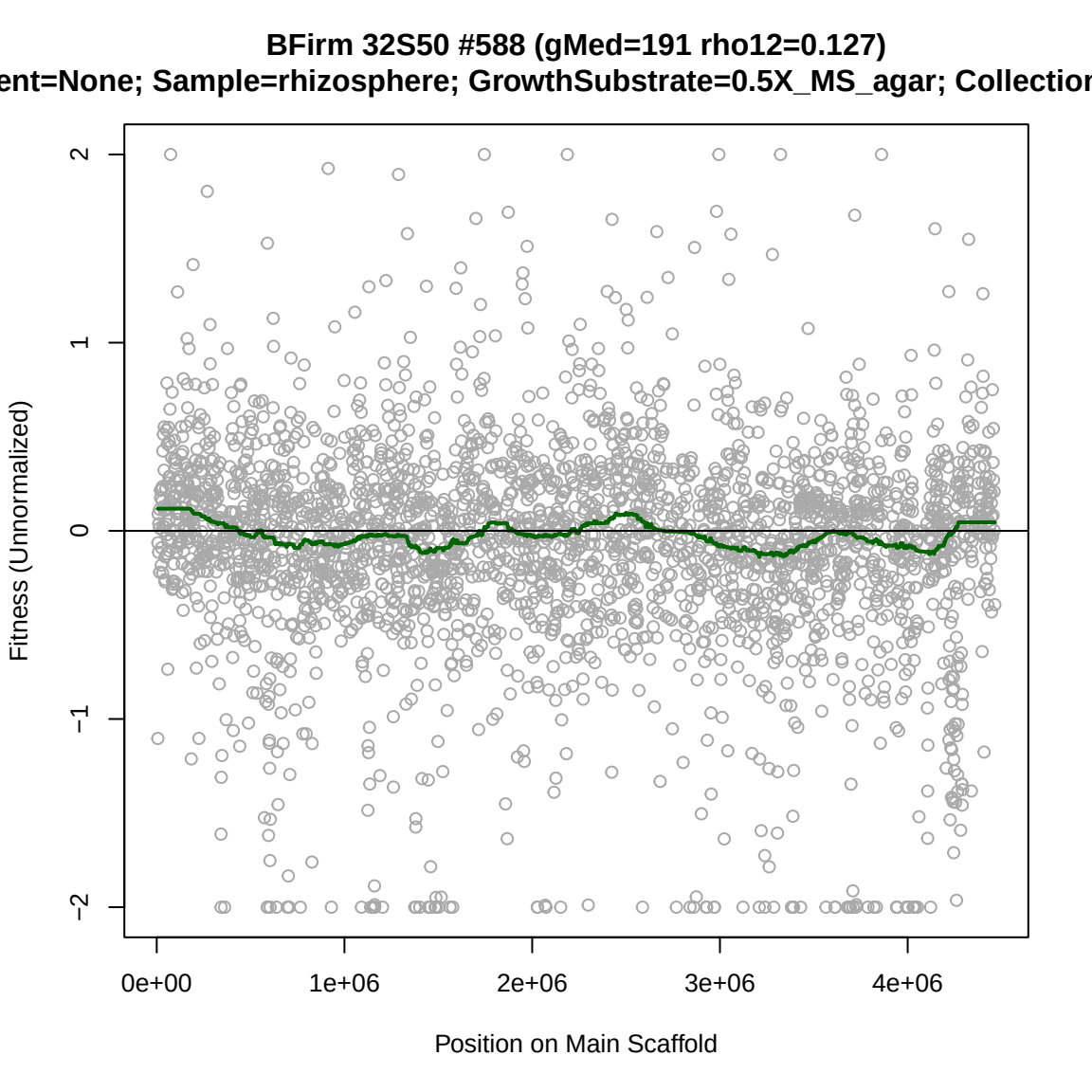

BFirm 32S26 #583 (gMed=182 rho12=0.033)
LB_noSalt with Chloride 1100 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

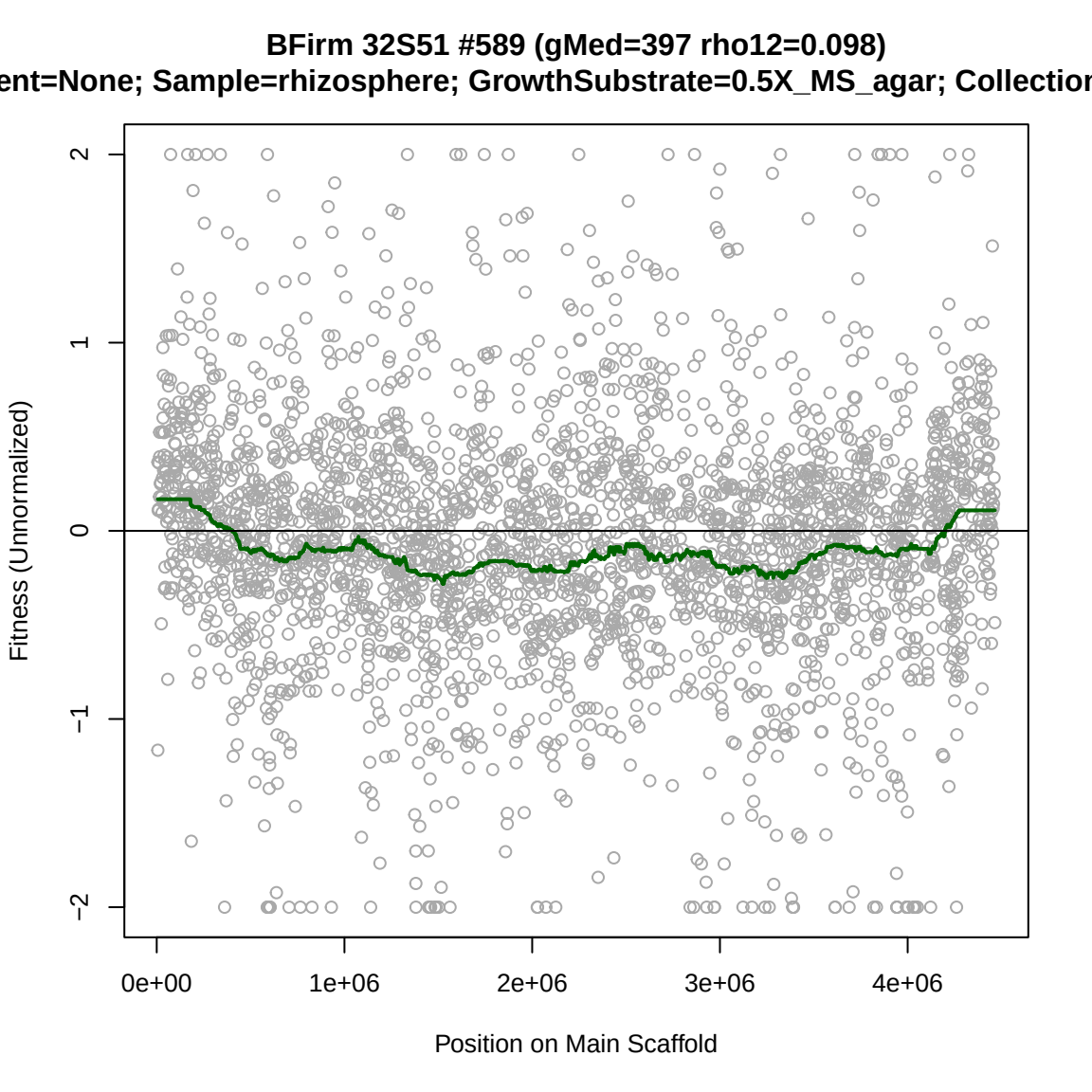

BFirm 32S29 #584 (gMed=25 rho12=0.021)
Apigenin 100 ug/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

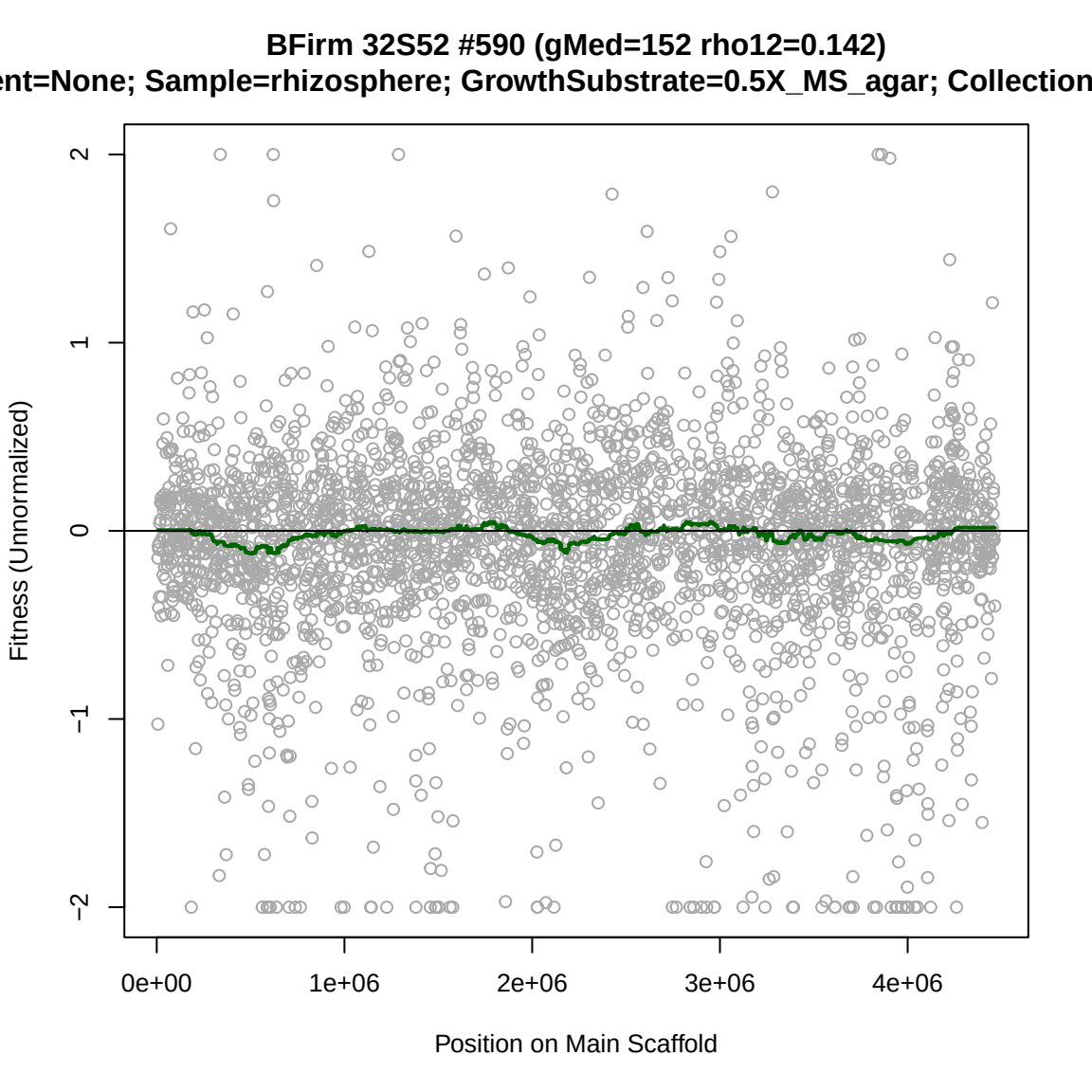

BFirm 32S30 #585 (gMed=213 rho12=0.095)
6−methoxy−2(3H)−benzoxazolone 0.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

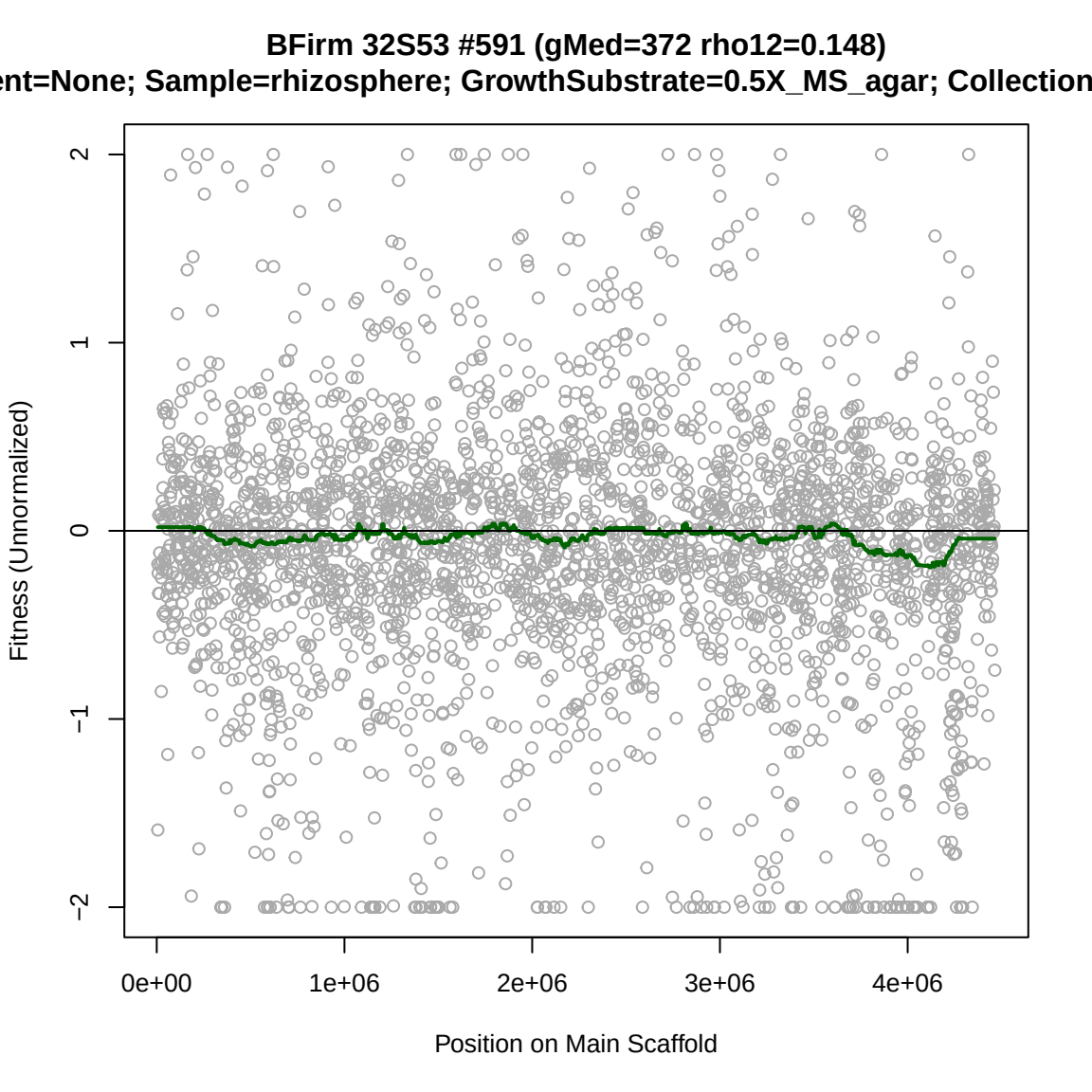

BFirm 32S31 #586 (gMed=245 rho12=0.076)
6−methoxy−2(3H)−benzoxazolone 1.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

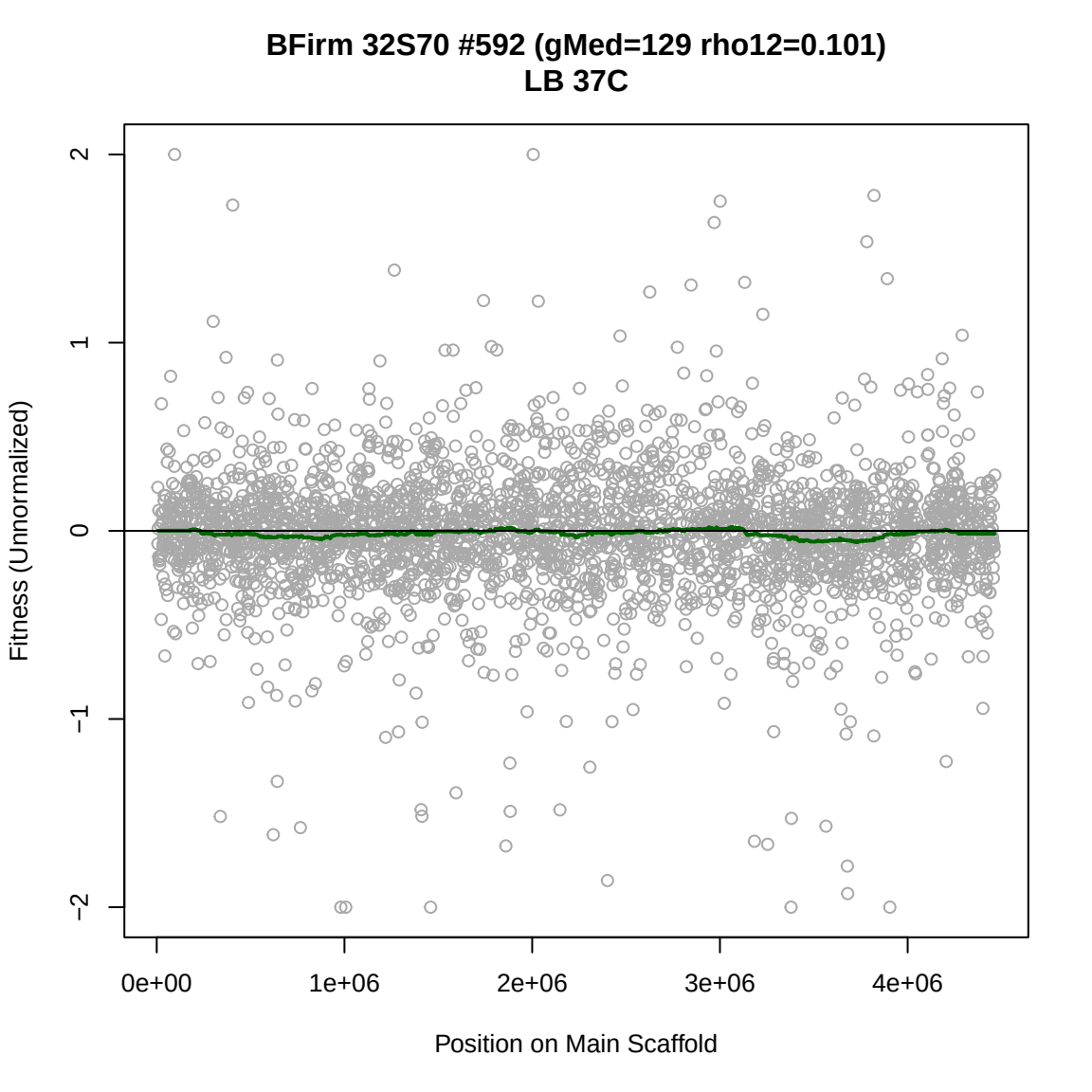

BFirm 32S32 #587 (gMed=100 rho12=0.018)
6−methoxy−2(3H)−benzoxazolone 2.5 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

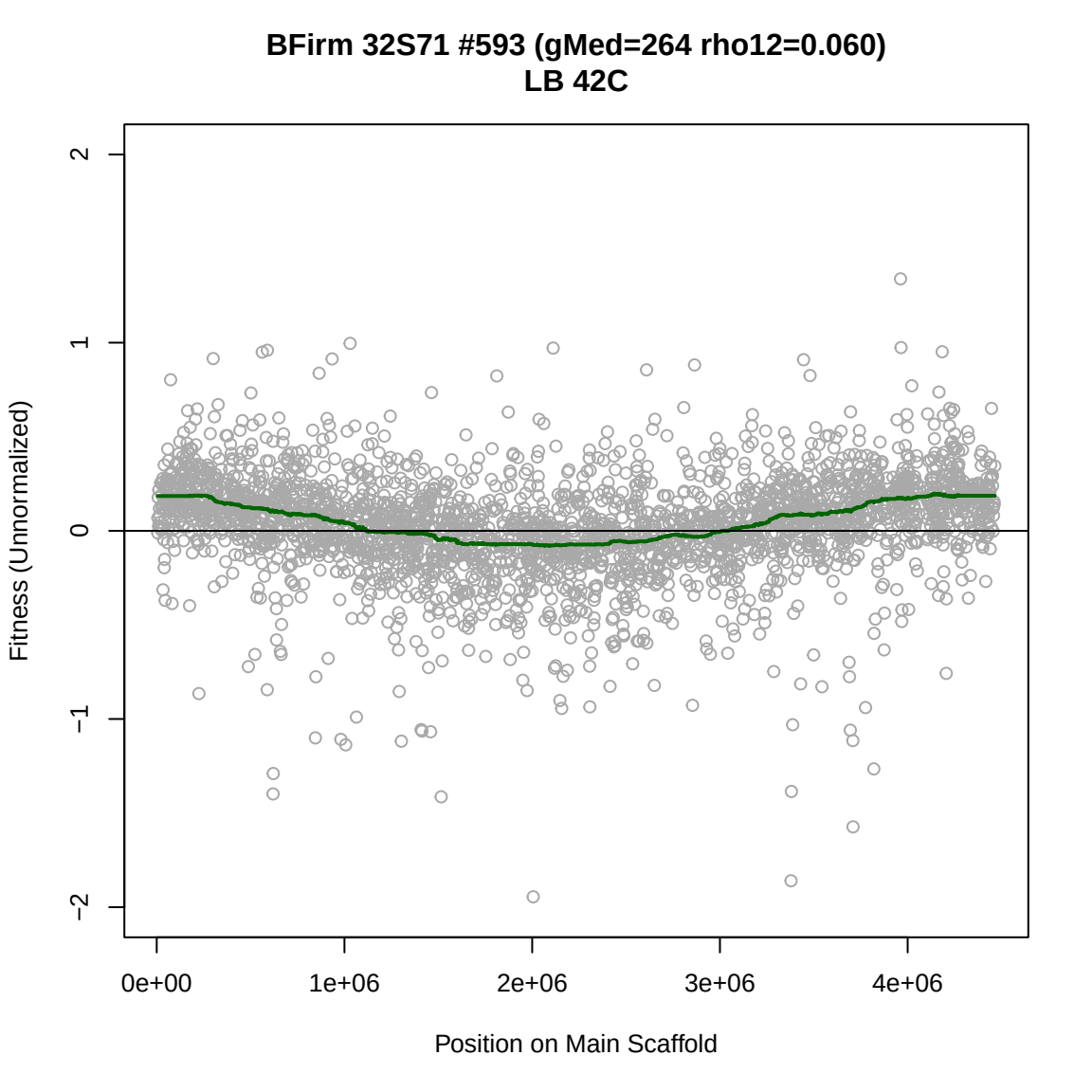

BFirm 32S50 #588 (gMed=191 rho12=0.127)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

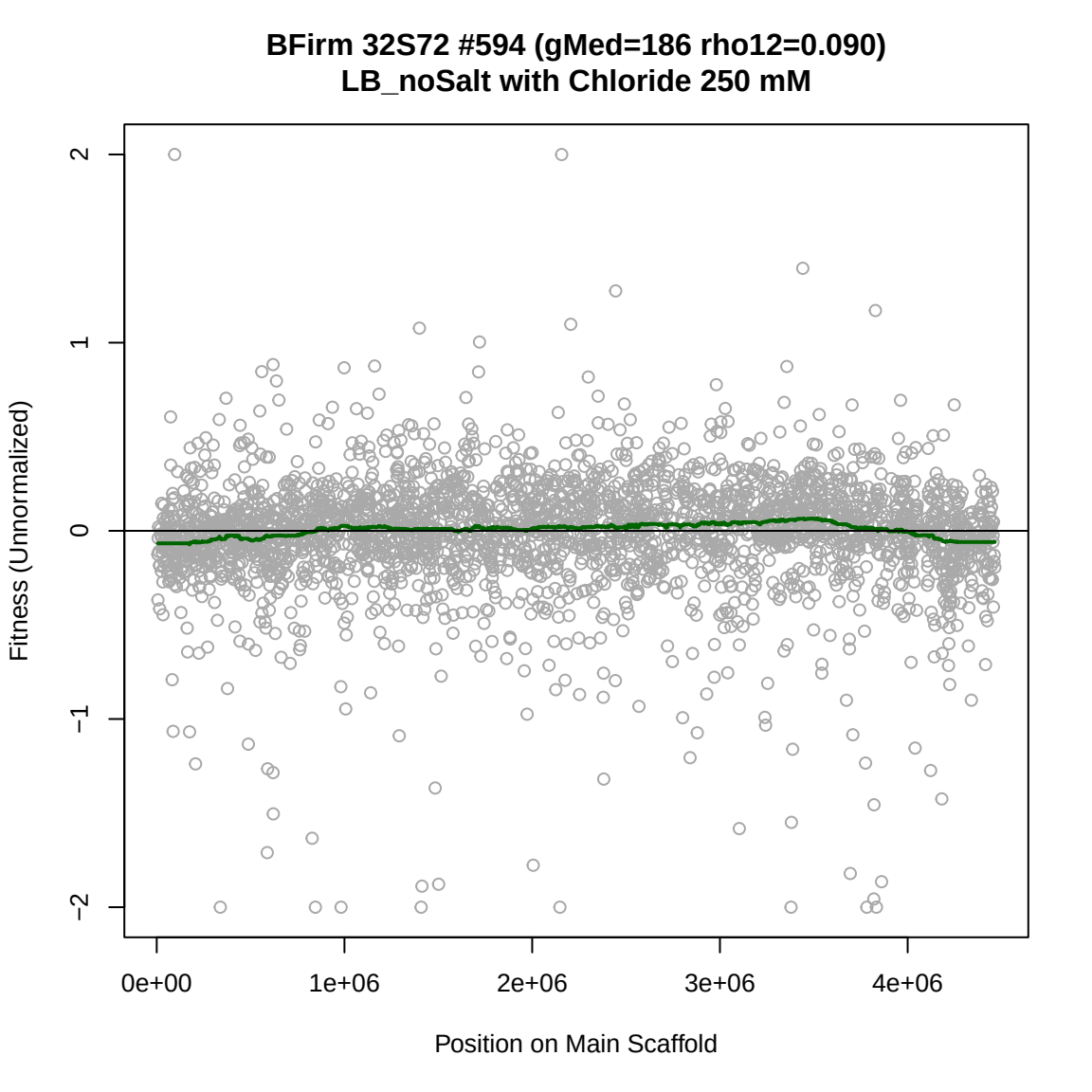

BFirm 32S51 #589 (gMed=397 rho12=0.098)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

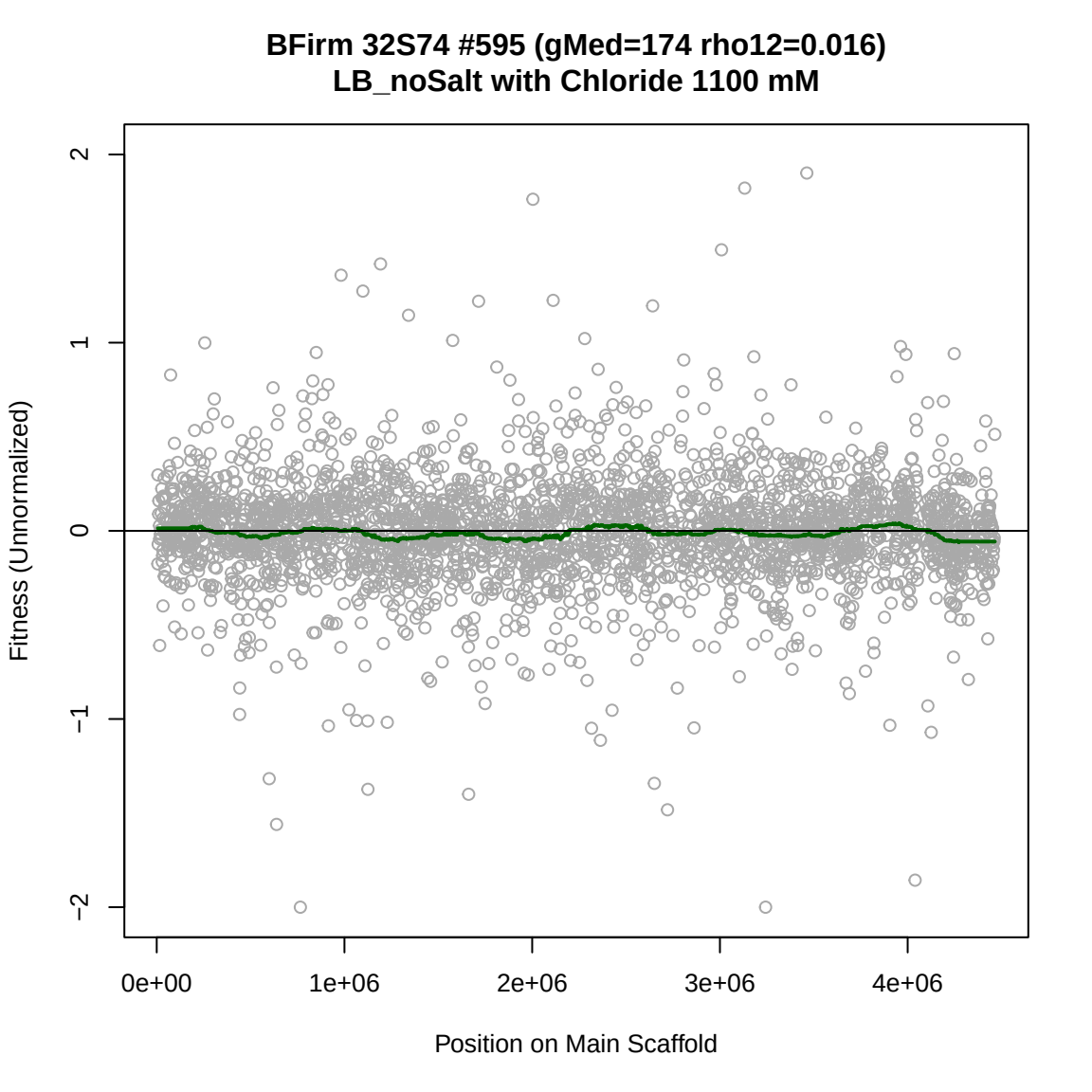

BFirm 32S52 #590 (gMed=152 rho12=0.142)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

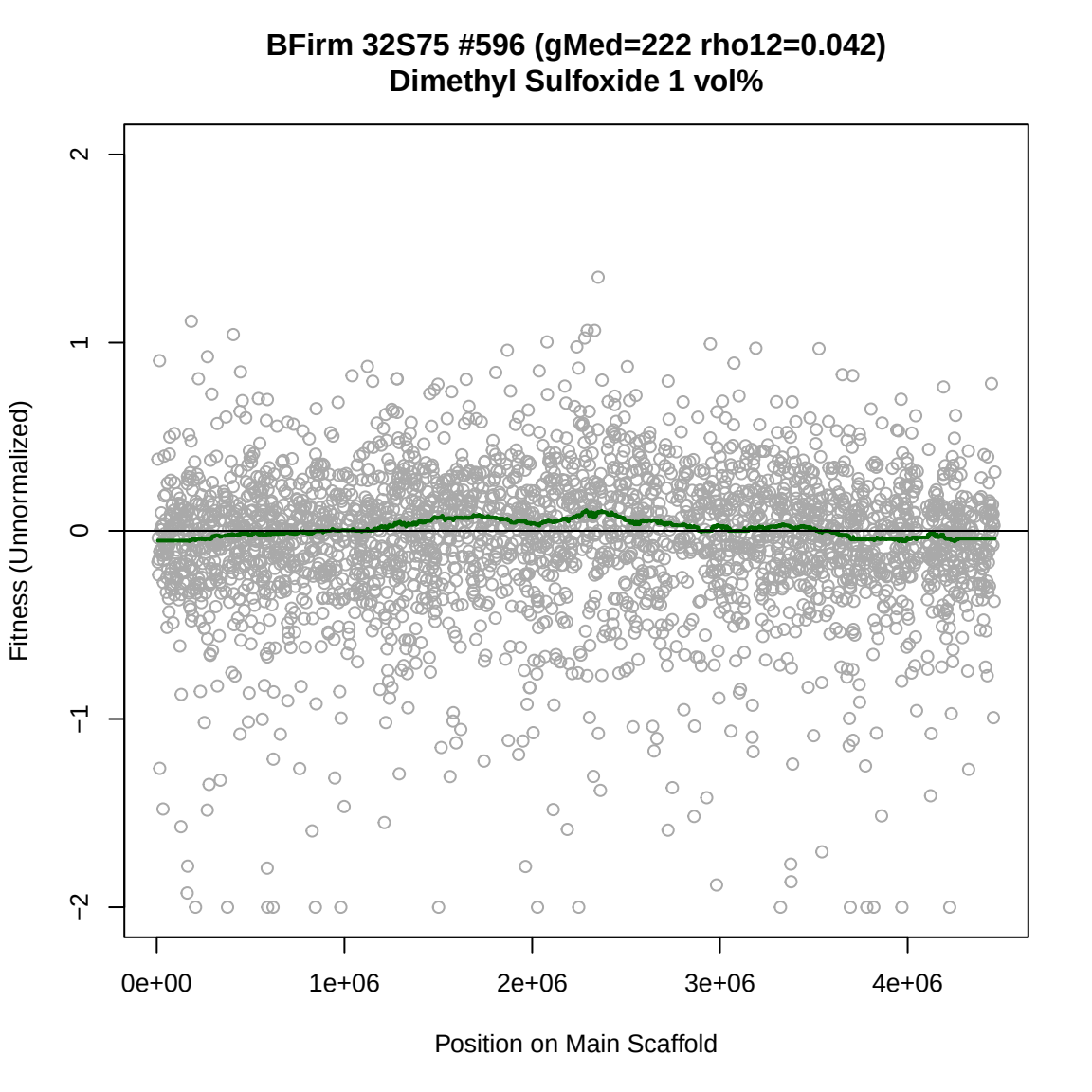

BFirm 32S53 #591 (gMed=372 rho12=0.148)
ent=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_agar; Collection
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

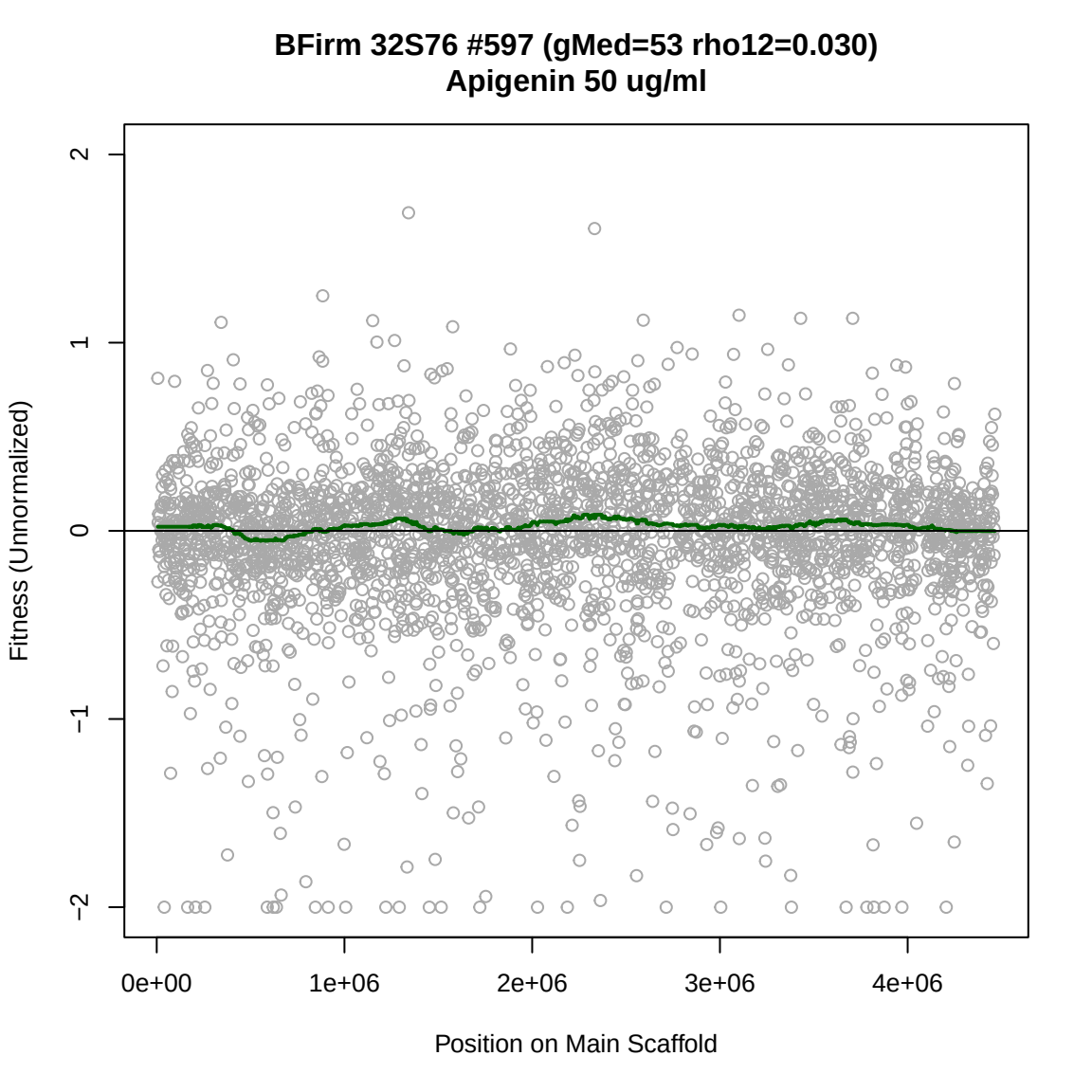

BFirm 32S70 #592 (gMed=129 rho12=0.101)
LB 37C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

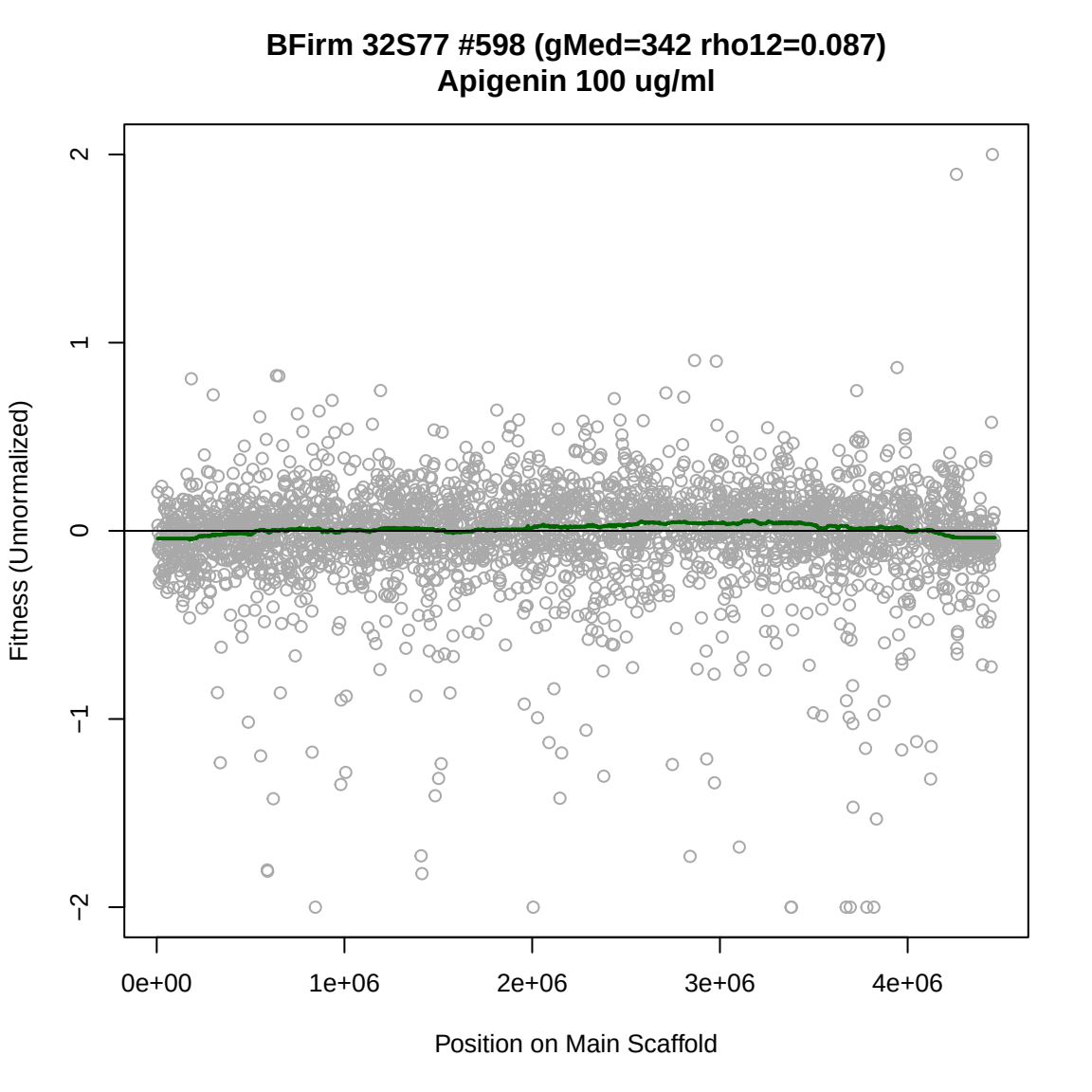

BFirm 32S71 #593 (gMed=264 rho12=0.060)
LB 42C
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

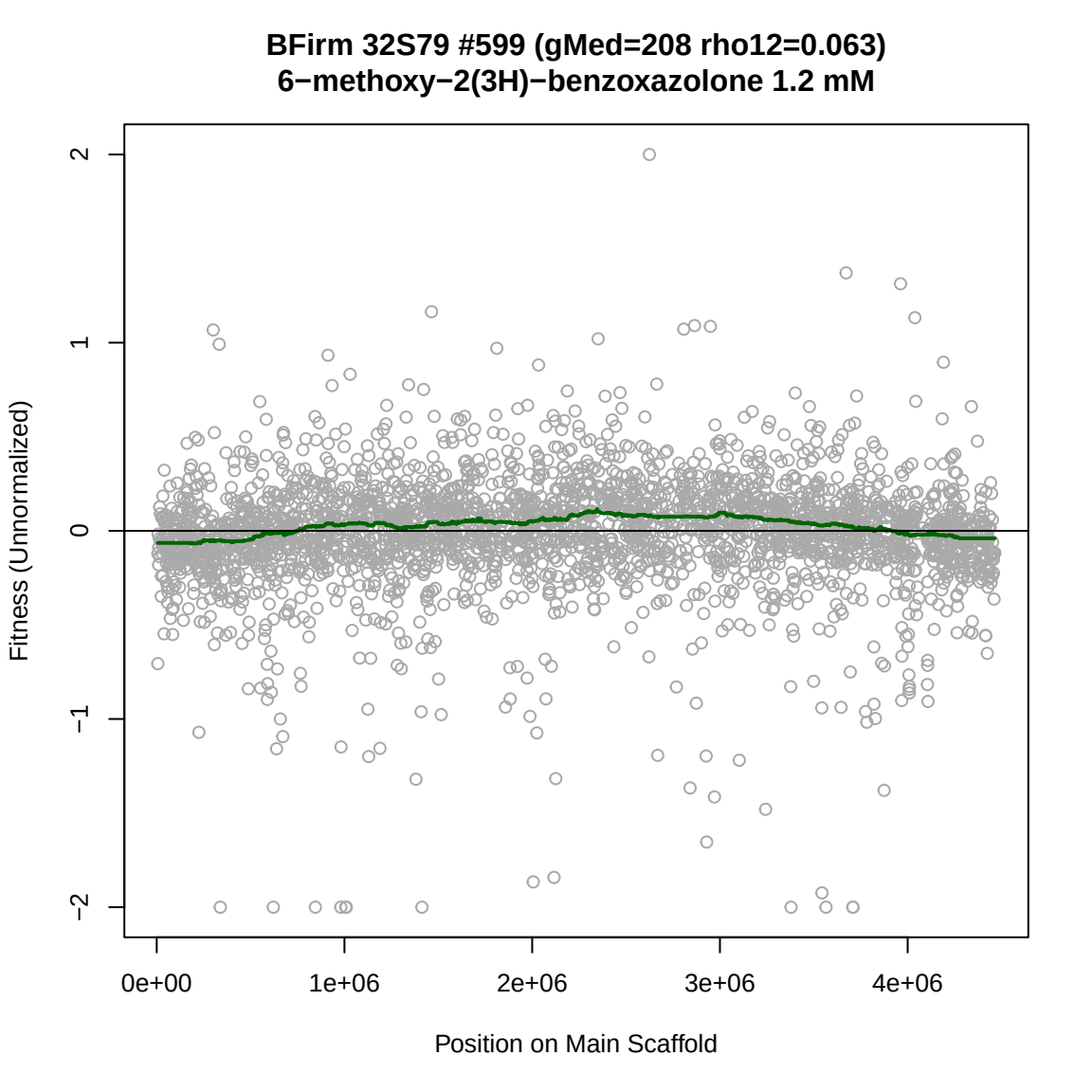

BFirm 32S72 #594 (gMed=186 rho12=0.090)
LB_noSalt with Chloride 250 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

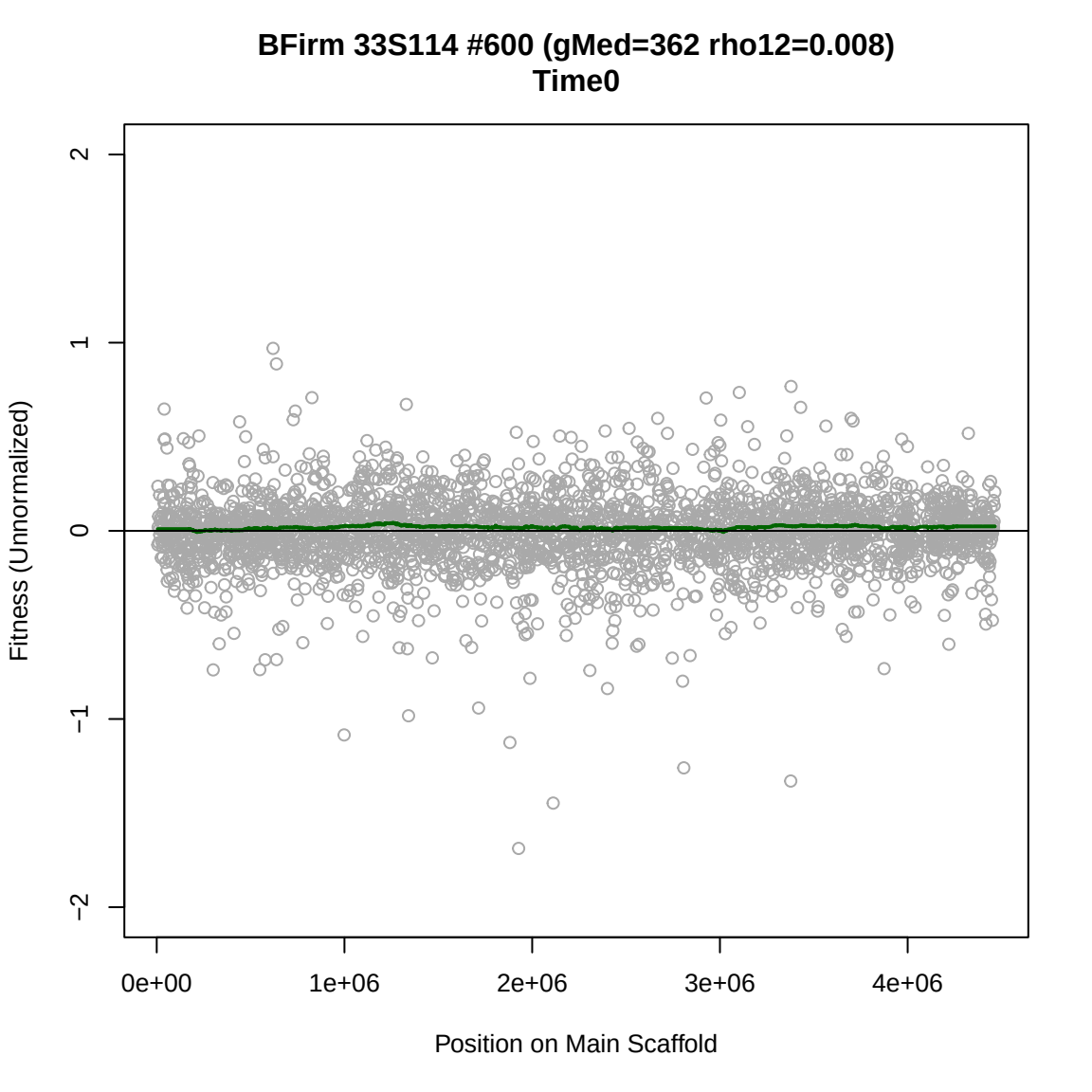

BFirm 32S74 #595 (gMed=174 rho12=0.016)
LB_noSalt with Chloride 1100 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

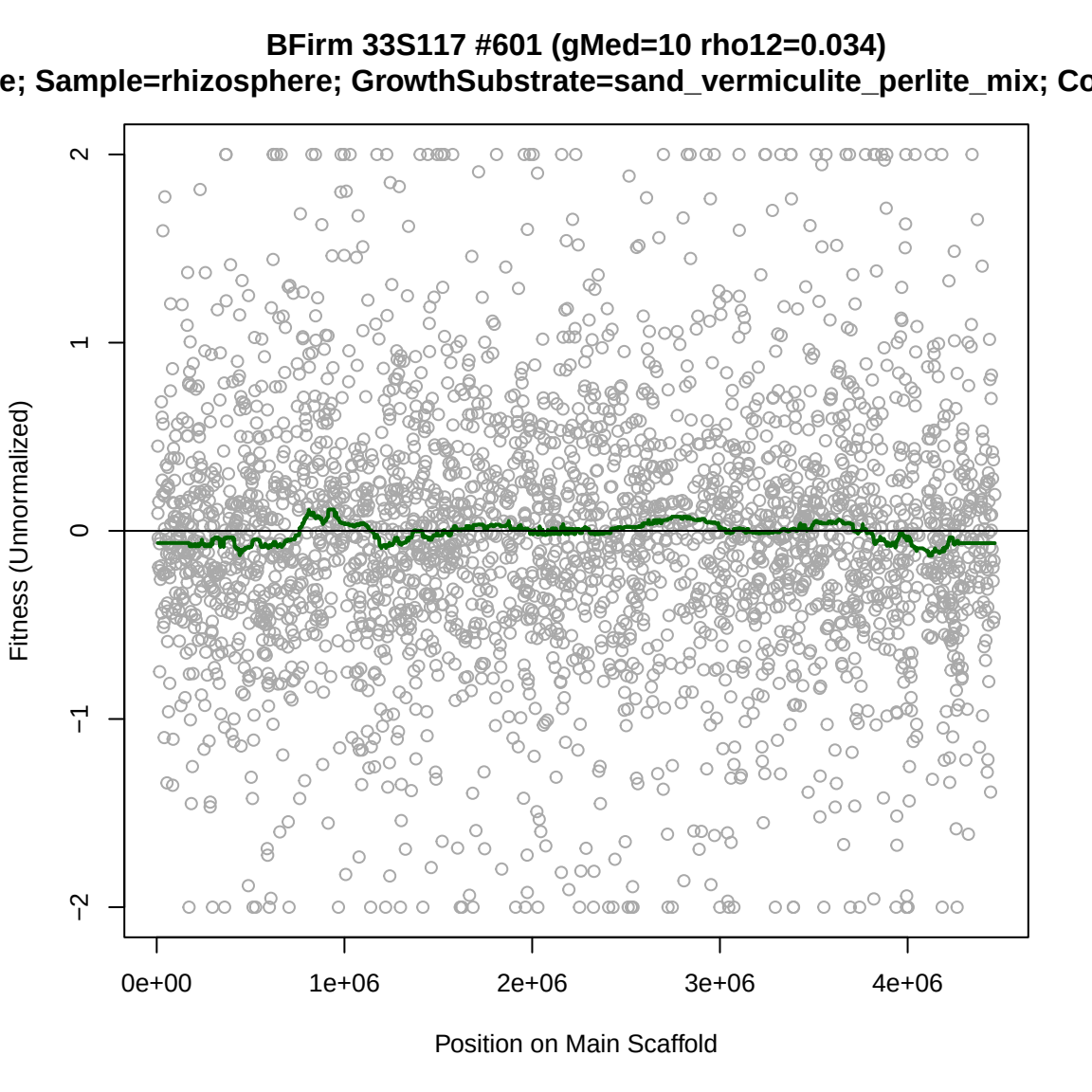

BFirm 32S75 #596 (gMed=222 rho12=0.042)
Dimethyl Sulfoxide 1 vol%
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

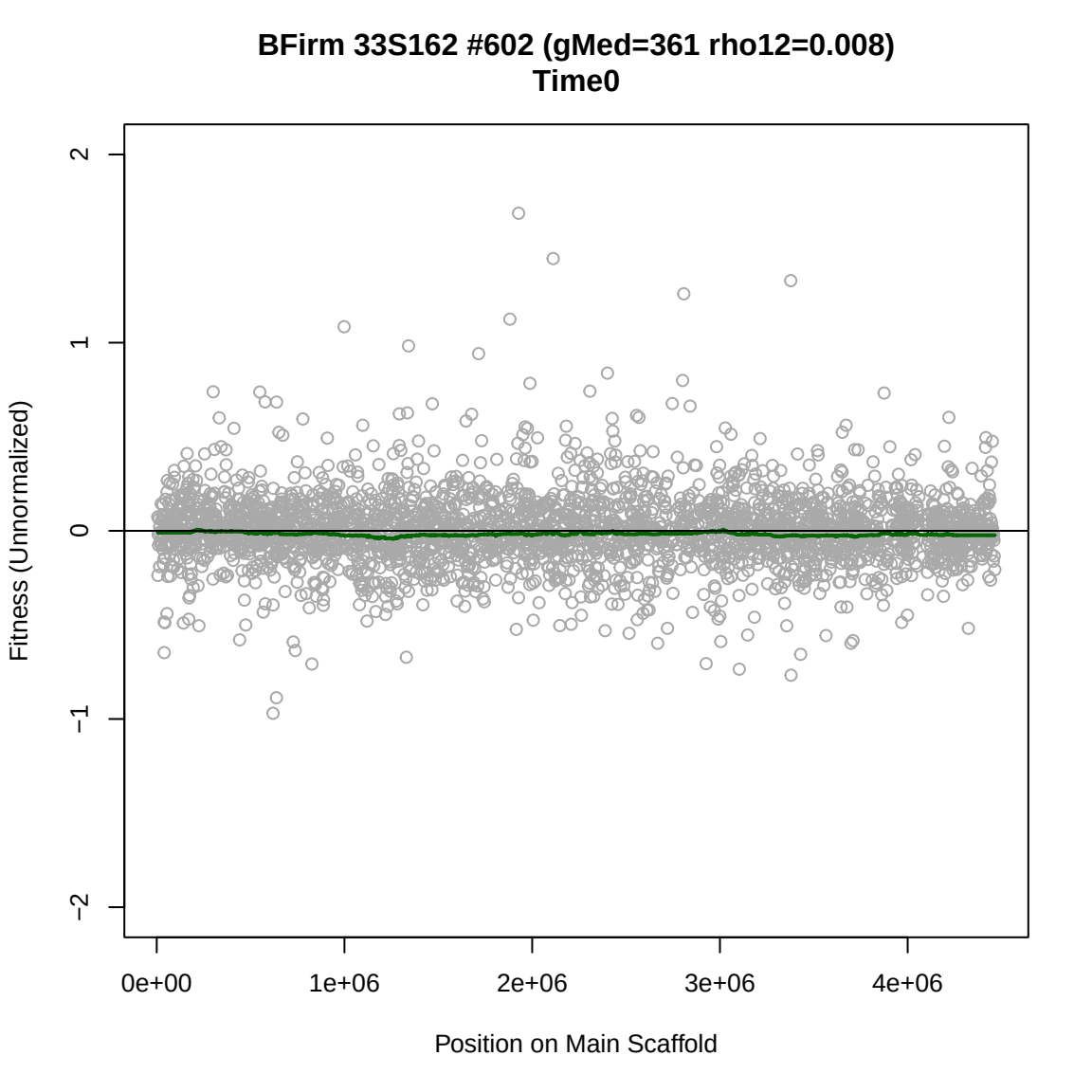

BFirm 32S76 #597 (gMed=53 rho12=0.030)
Apigenin 50 ug/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

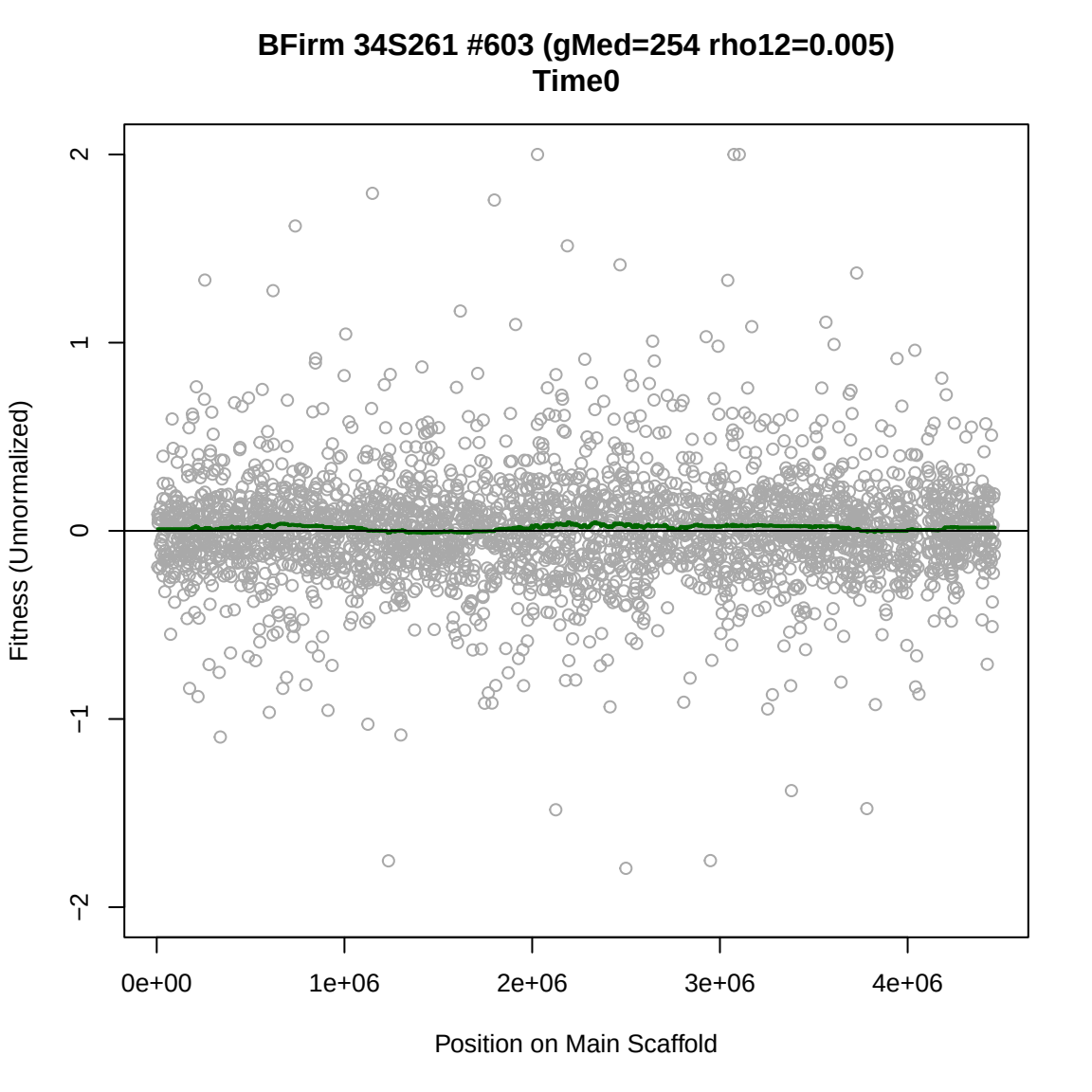

BFirm 32S77 #598 (gMed=342 rho12=0.087)
Apigenin 100 ug/ml
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

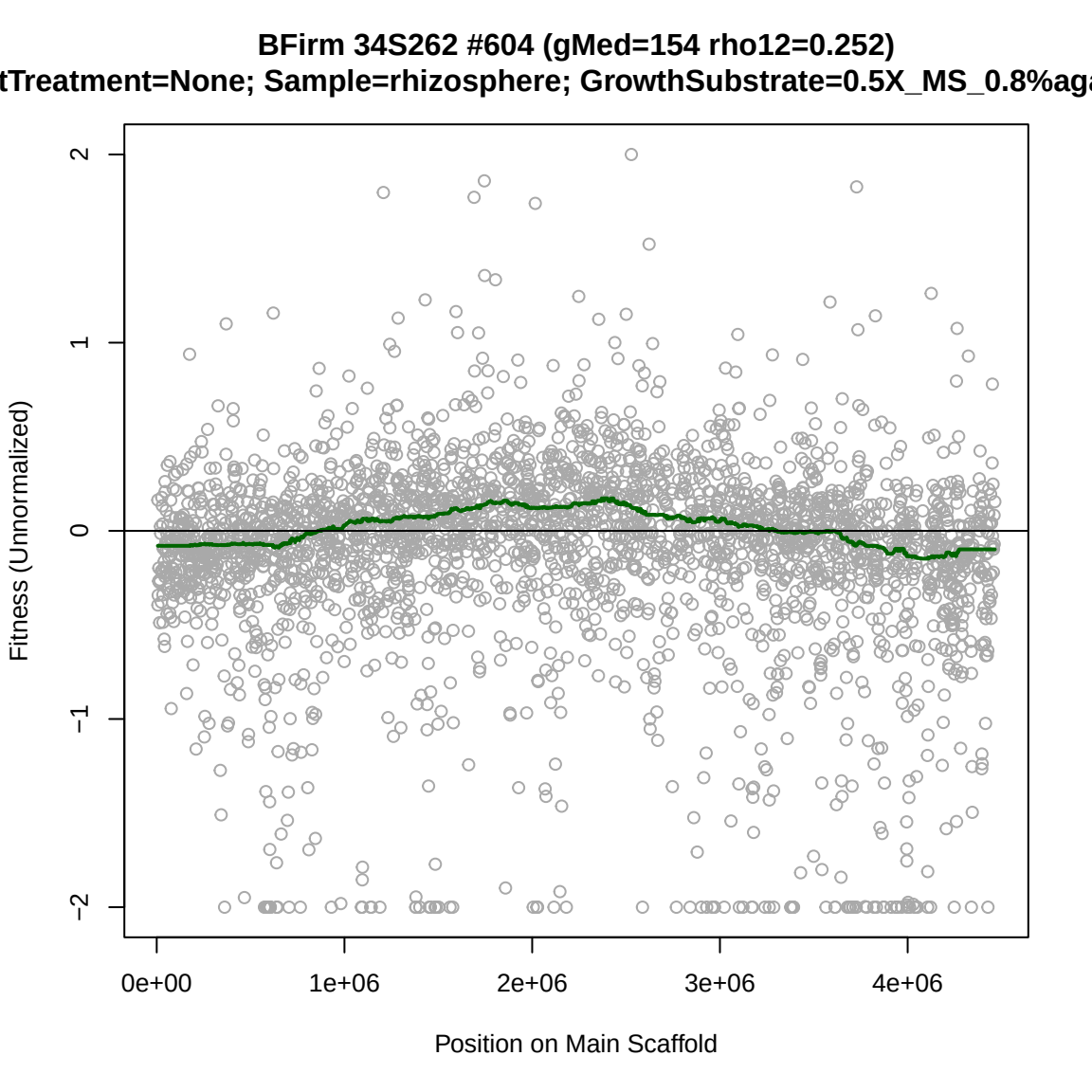

BFirm 32S79 #599 (gMed=208 rho12=0.063)
6−methoxy−2(3H)−benzoxazolone 1.2 mM
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

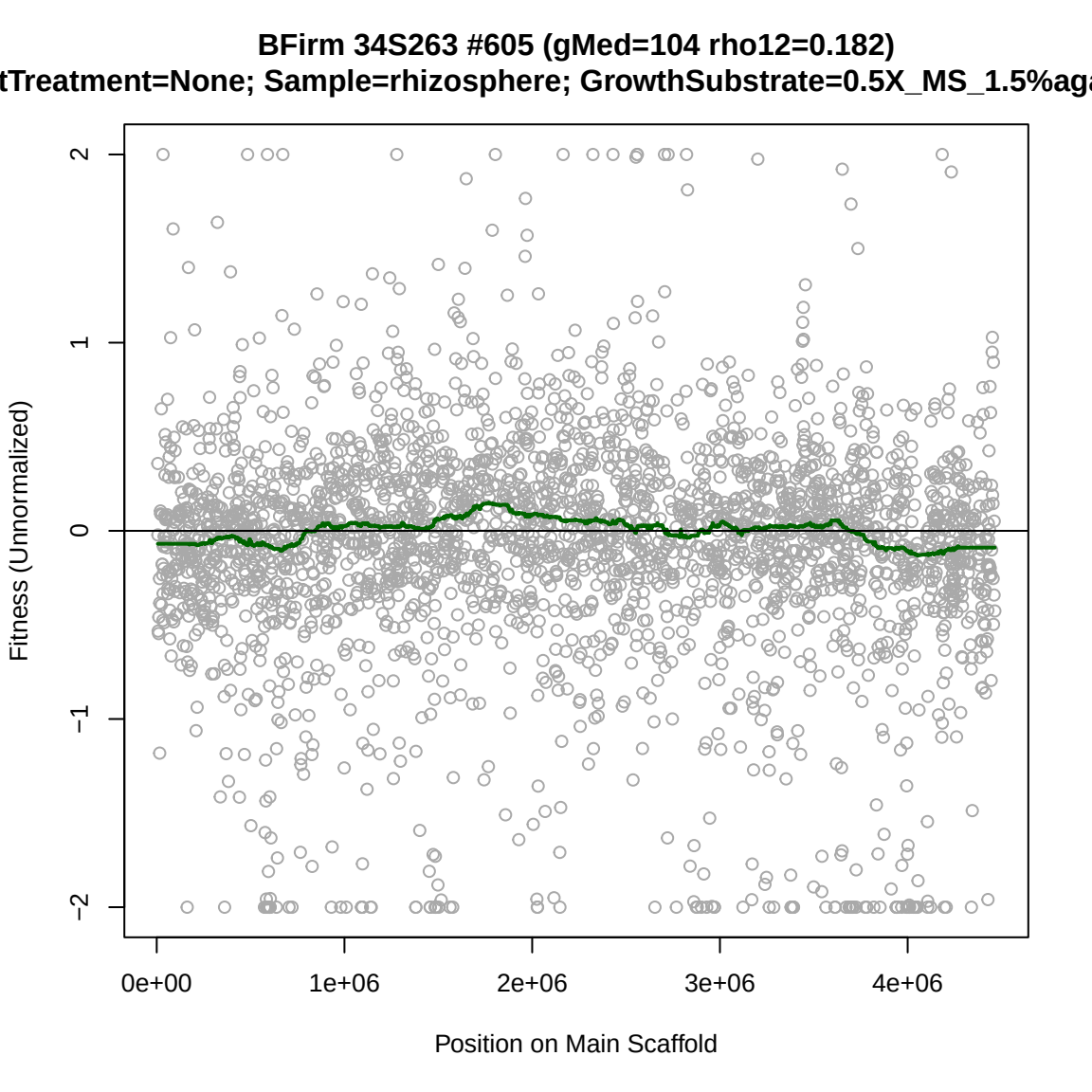

BFirm 33S114 #600 (gMed=362 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

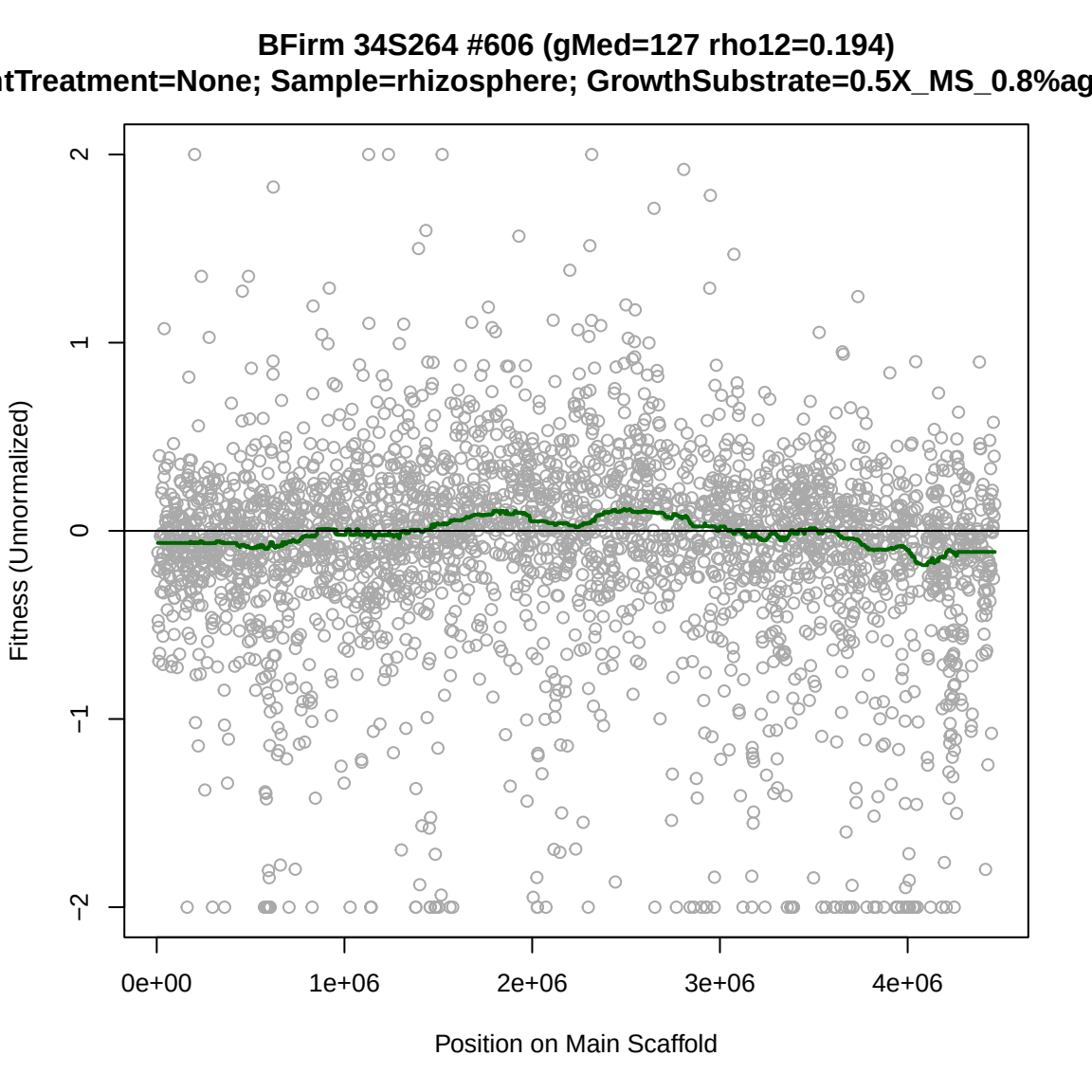

BFirm 33S117 #601 (gMed=10 rho12=0.034)
e; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

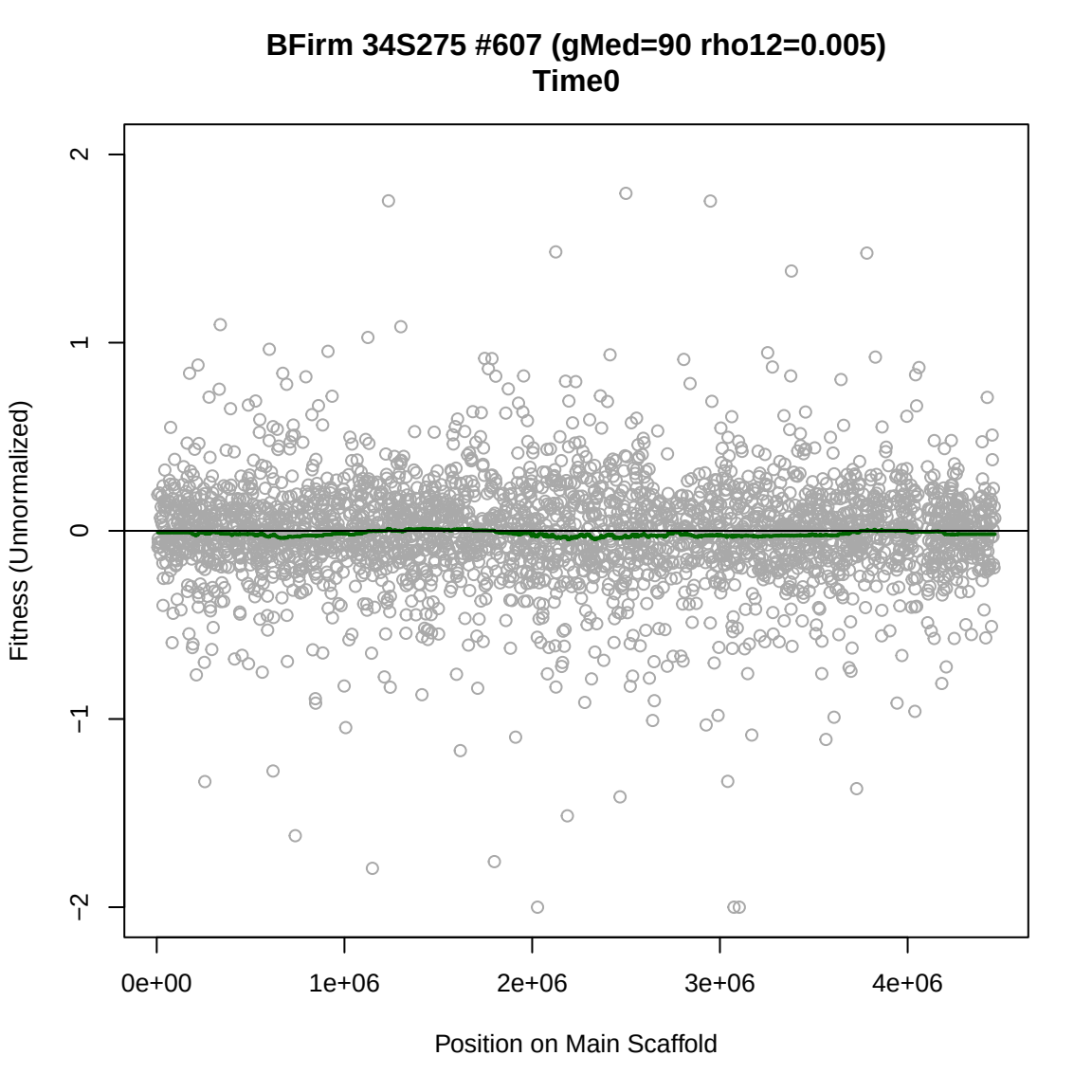

BFirm 33S162 #602 (gMed=361 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

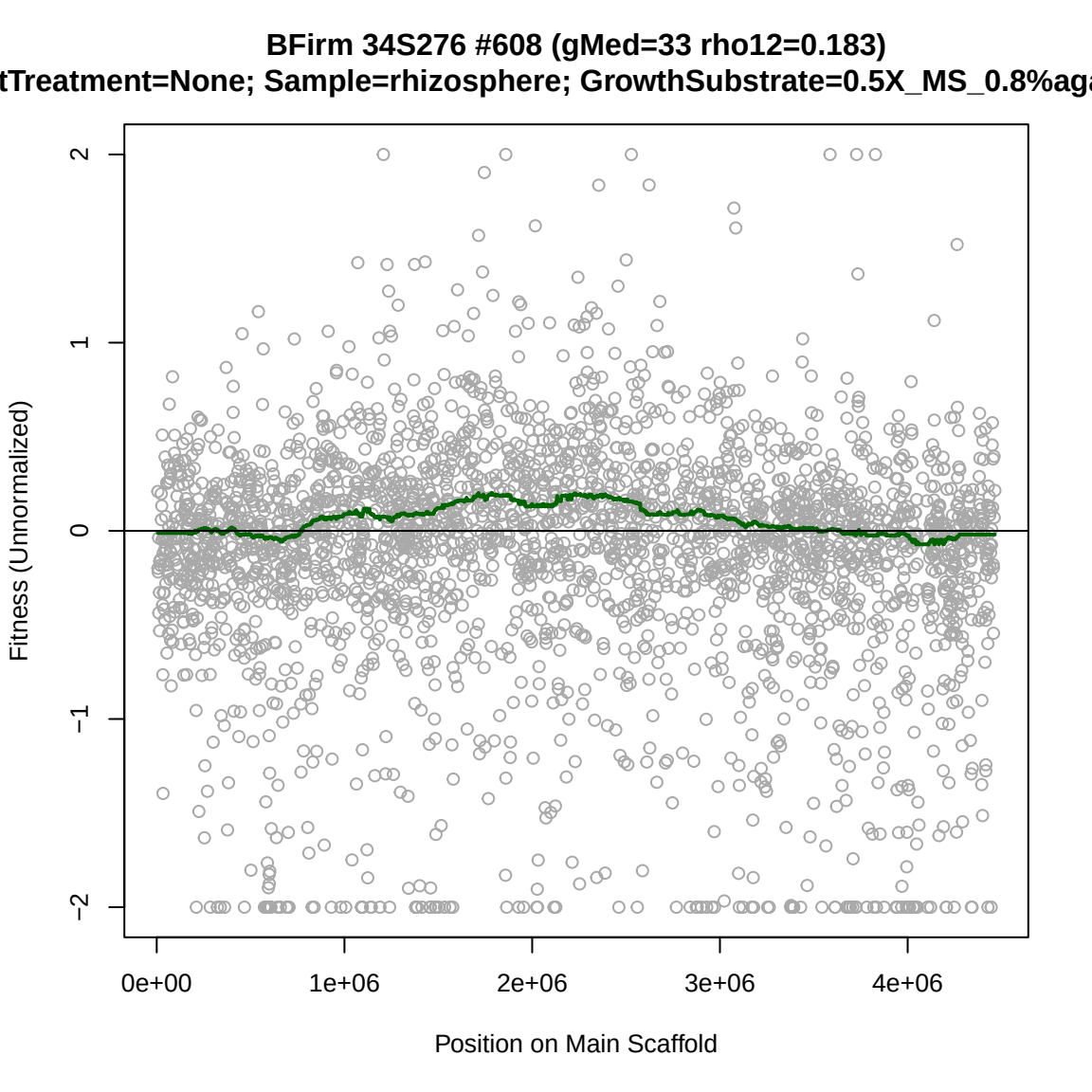

BFirm 34S261 #603 (gMed=254 rho12=0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

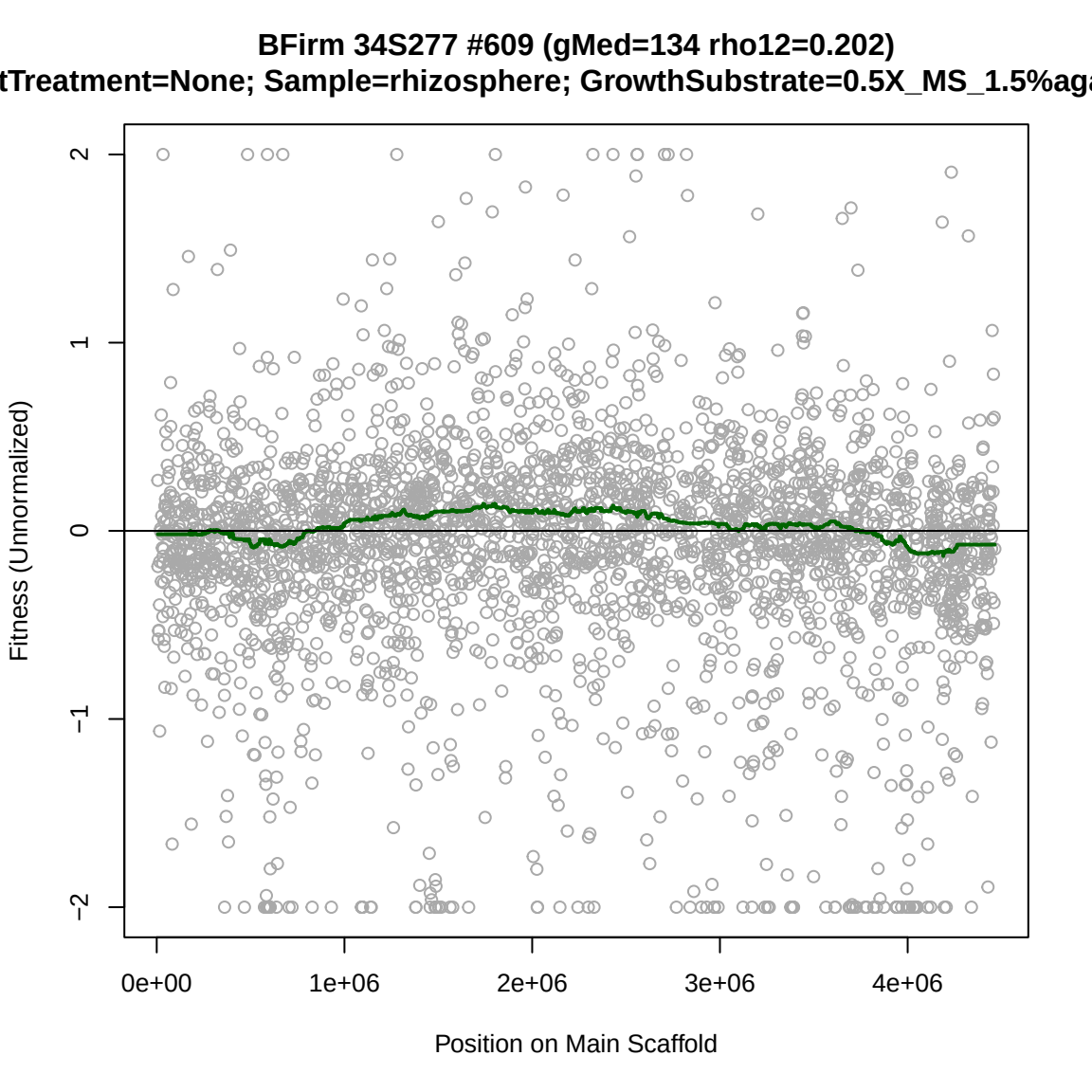

BFirm 34S262 #604 (gMed=154 rho12=0.252)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_0.8%aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

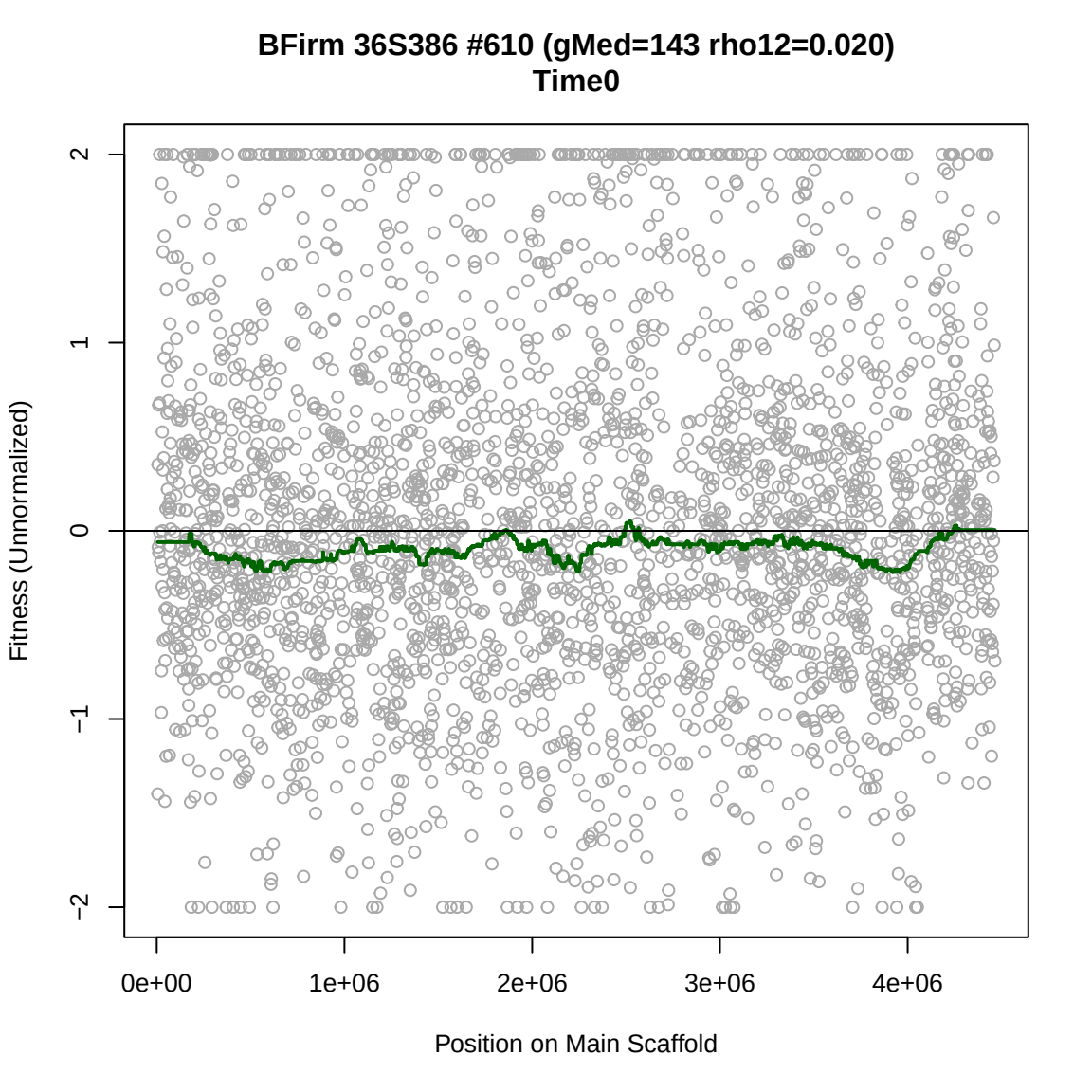

BFirm 34S263 #605 (gMed=104 rho12=0.182)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_1.5%aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

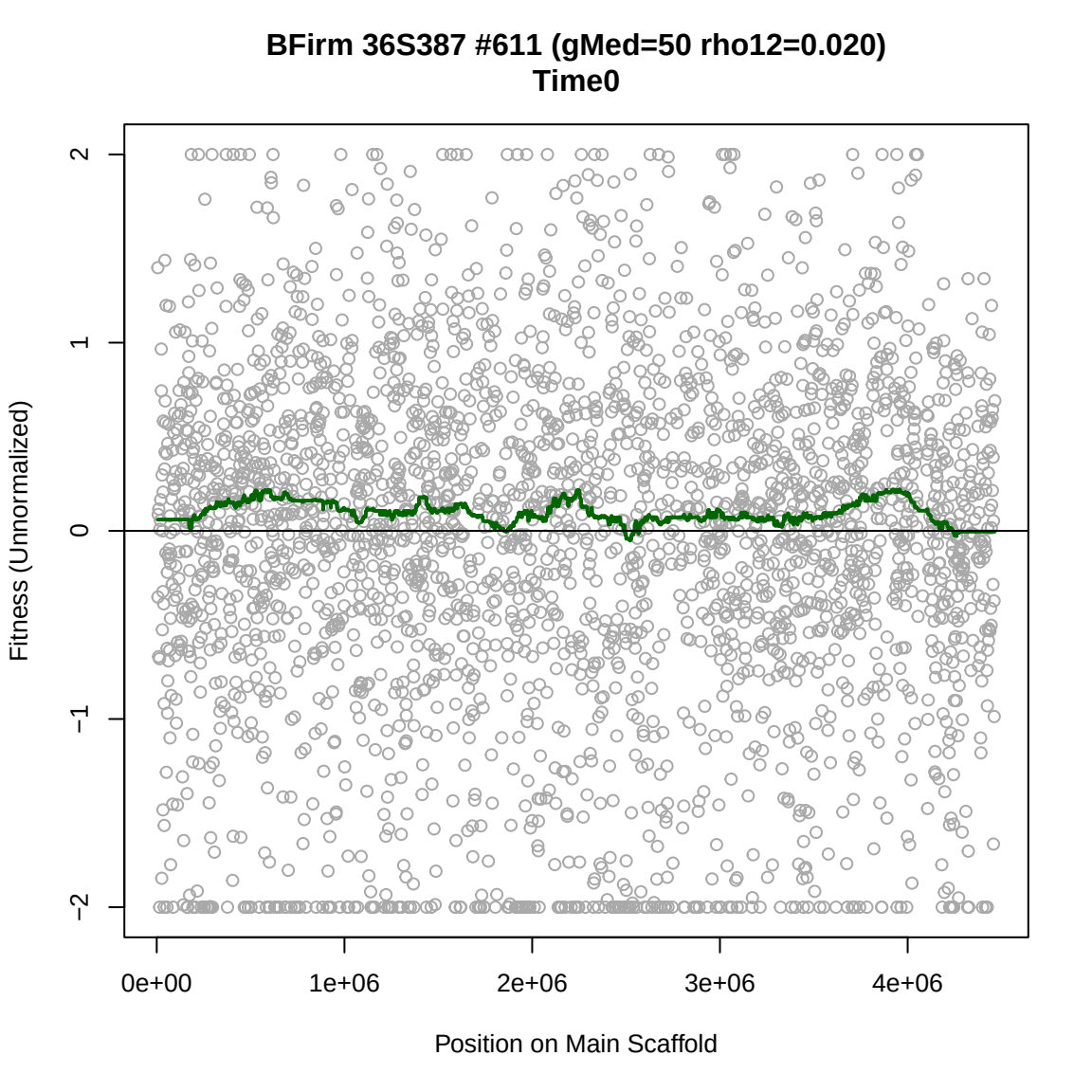

BFirm 34S264 #606 (gMed=127 rho12=0.194)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_0.8%ag
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

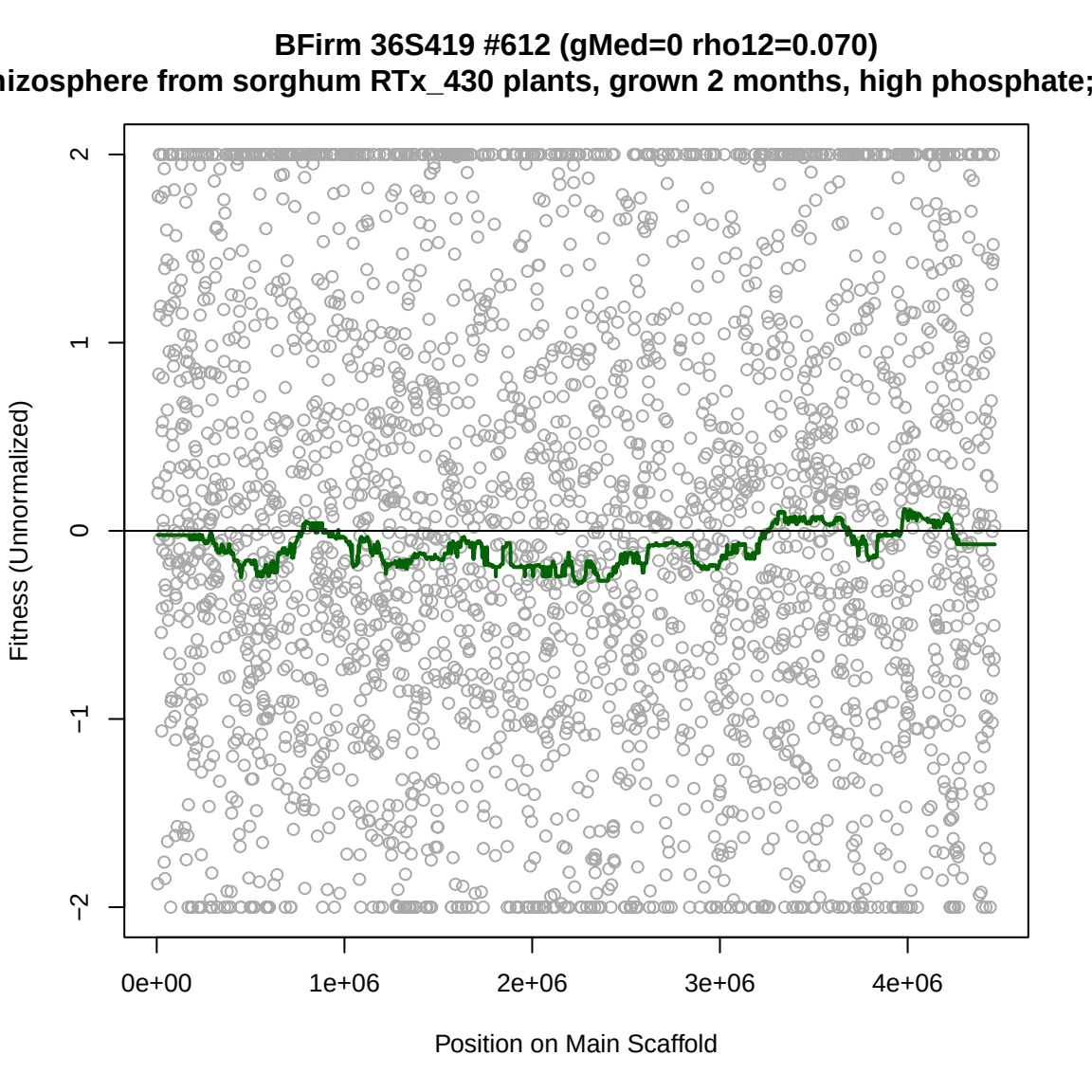

BFirm 34S275 #607 (gMed=90 rho12=0.005)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

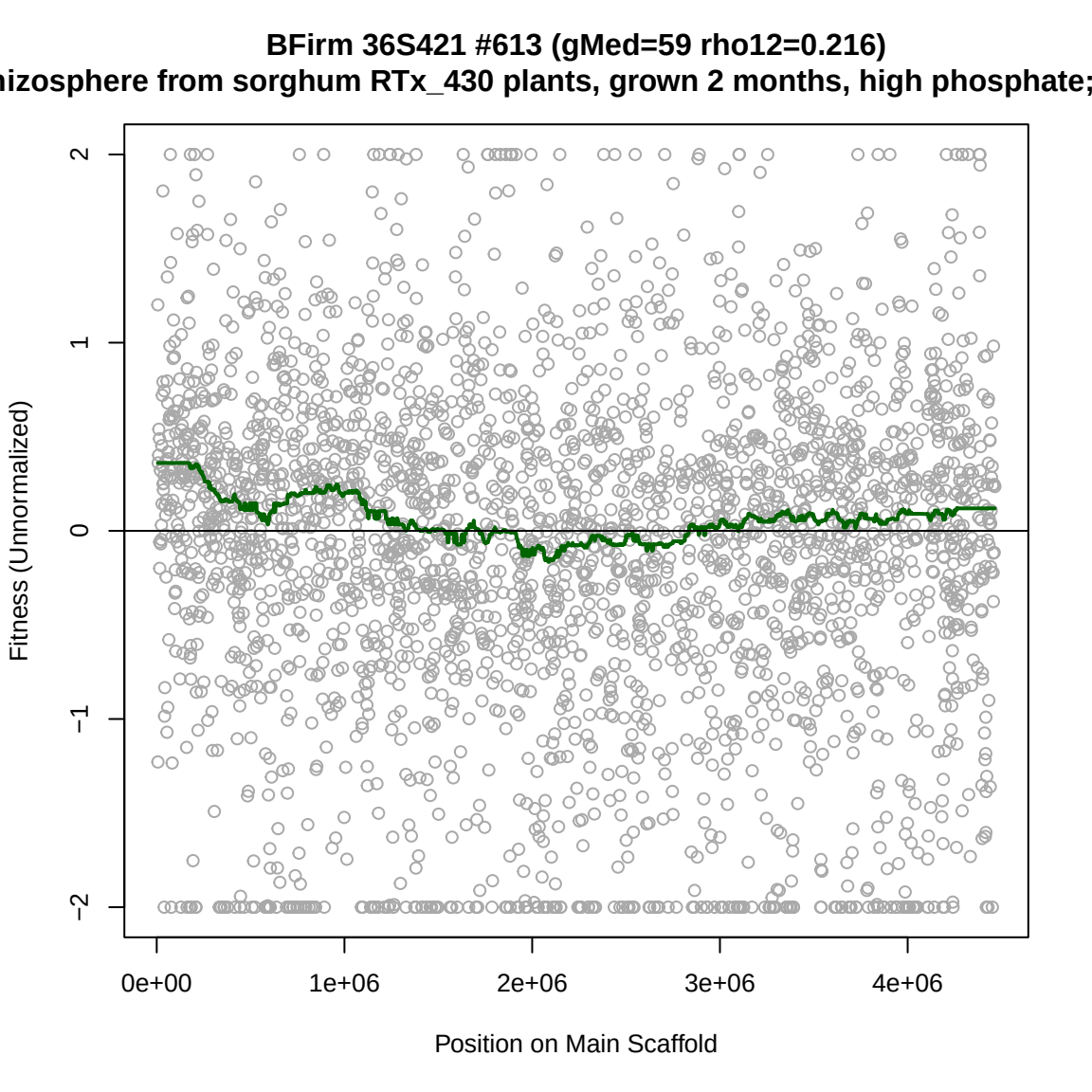

BFirm 34S276 #608 (gMed=33 rho12=0.183)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_0.8%aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

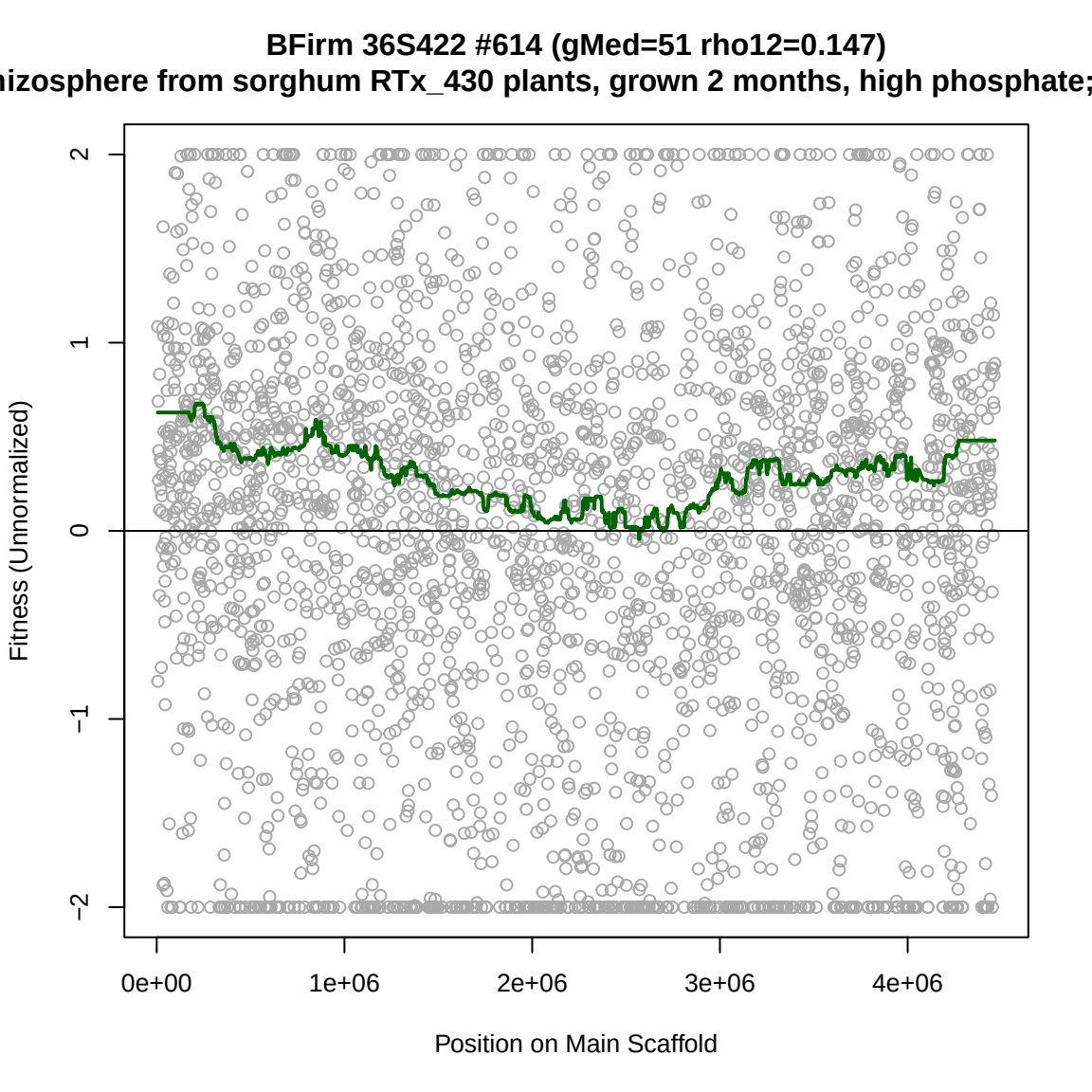

BFirm 34S277 #609 (gMed=134 rho12=0.202)
tTreatment=None; Sample=rhizosphere; GrowthSubstrate=0.5X_MS_1.5%aga
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

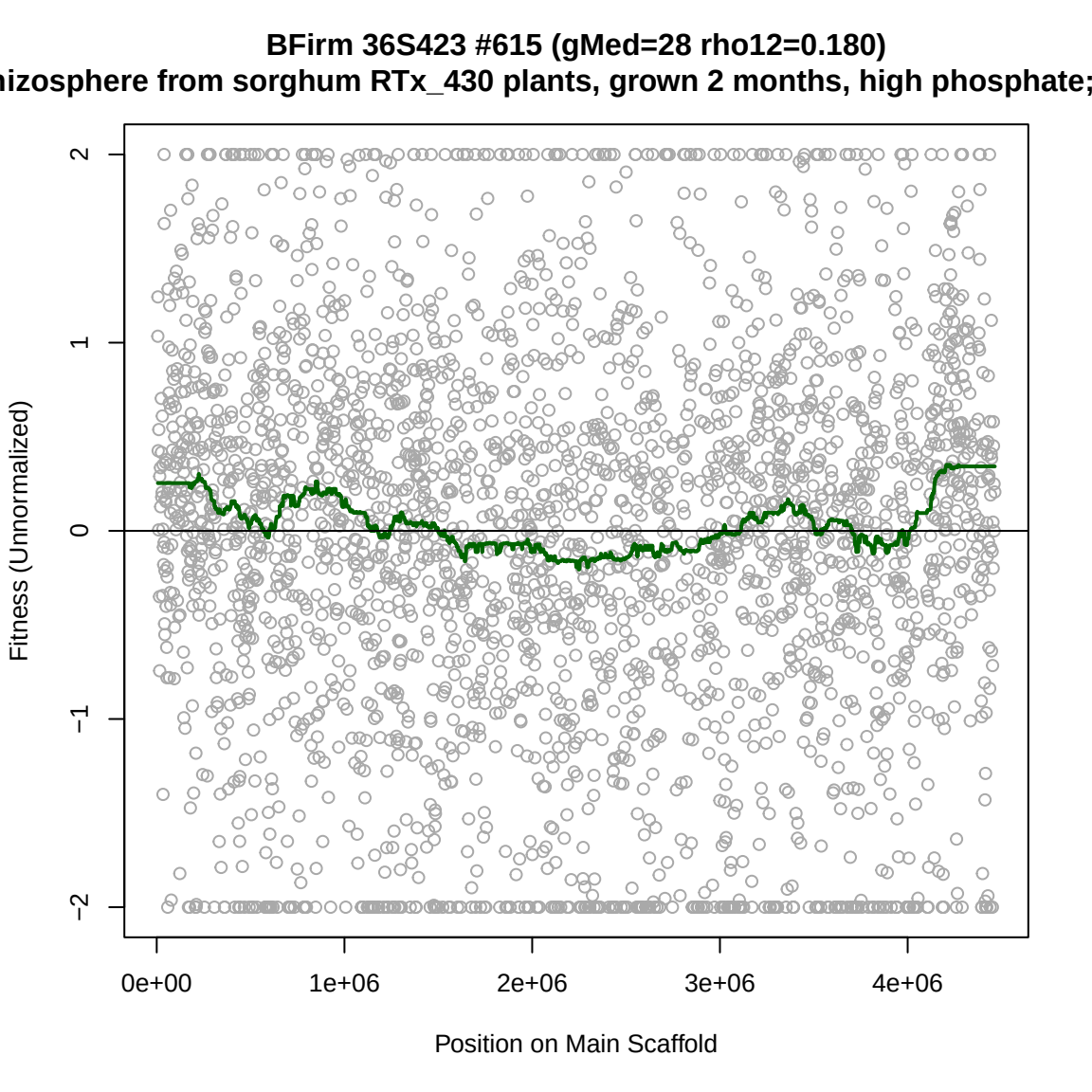

BFirm 36S386 #610 (gMed=143 rho12=0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

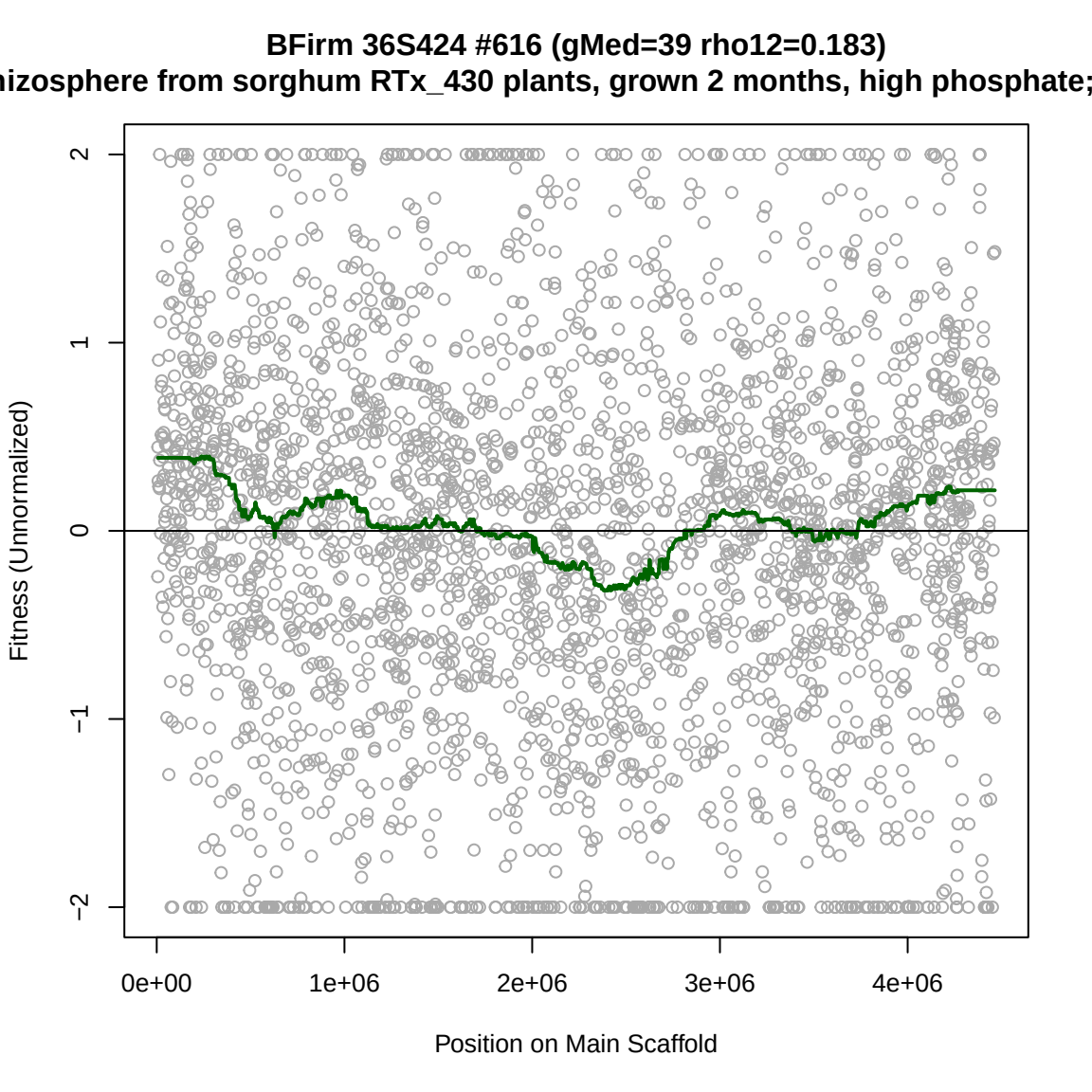

BFirm 36S387 #611 (gMed=50 rho12=0.020)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

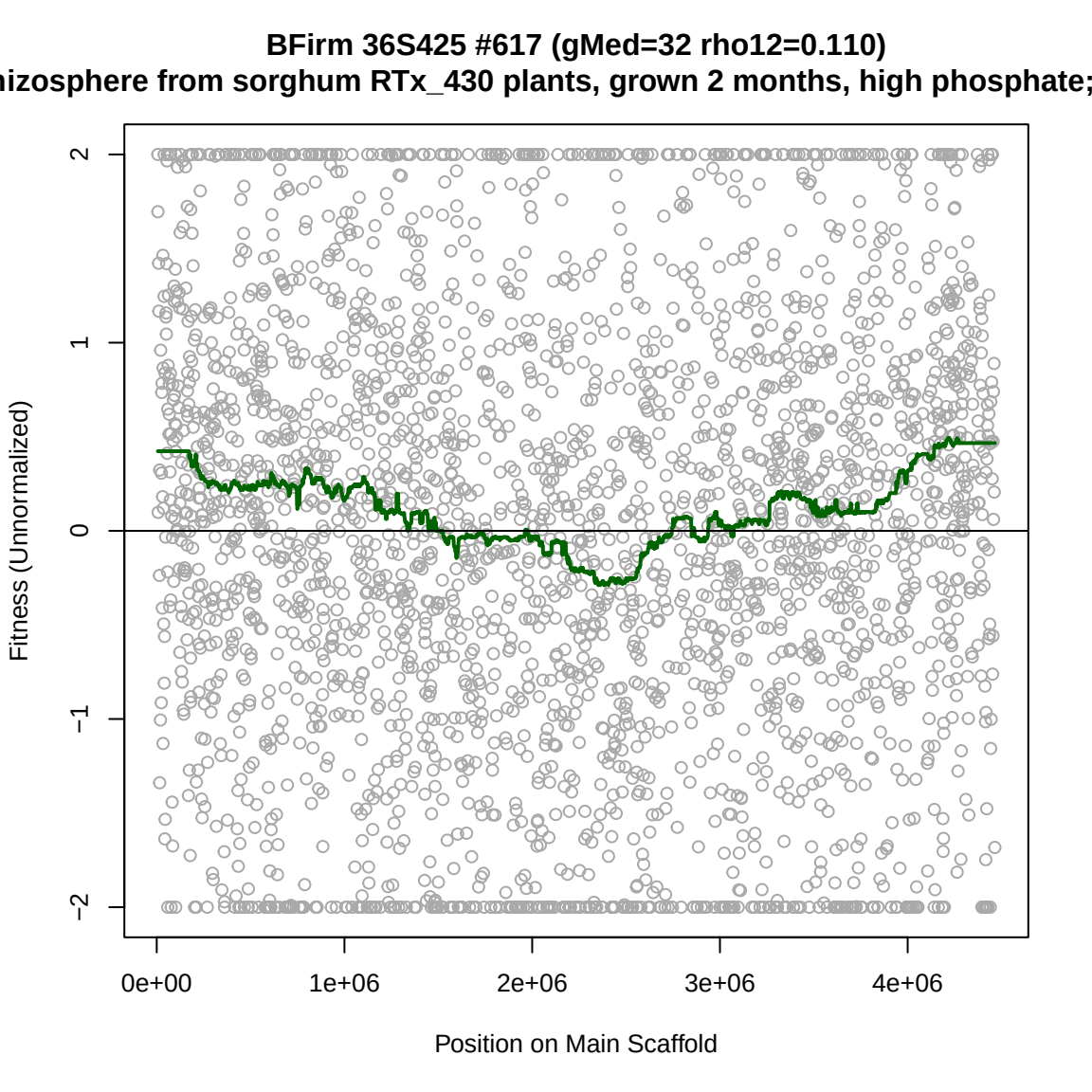

BFirm 36S419 #612 (gMed=0 rho12=0.070)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

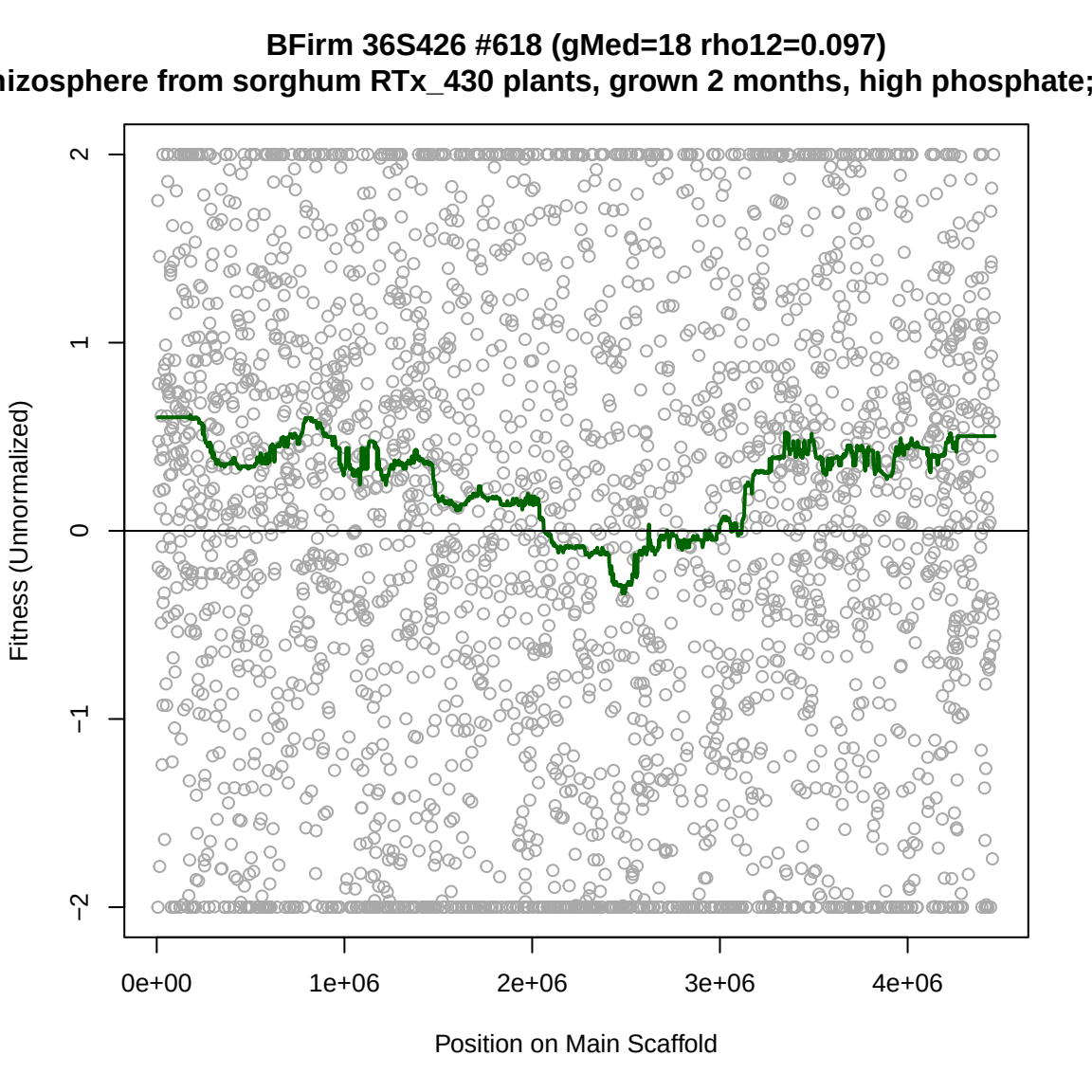

BFirm 36S421 #613 (gMed=59 rho12=0.216)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

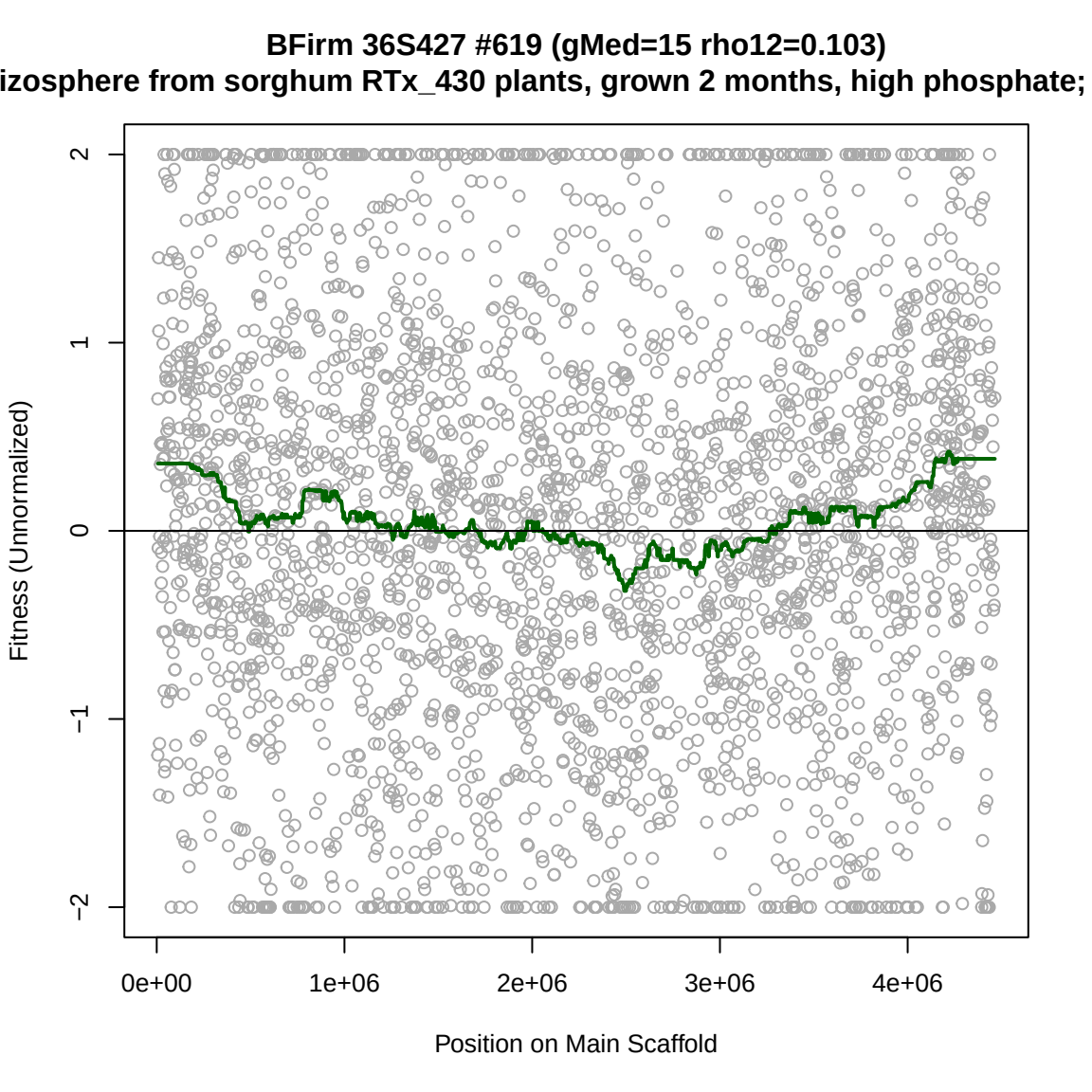

BFirm 36S422 #614 (gMed=51 rho12=0.147)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

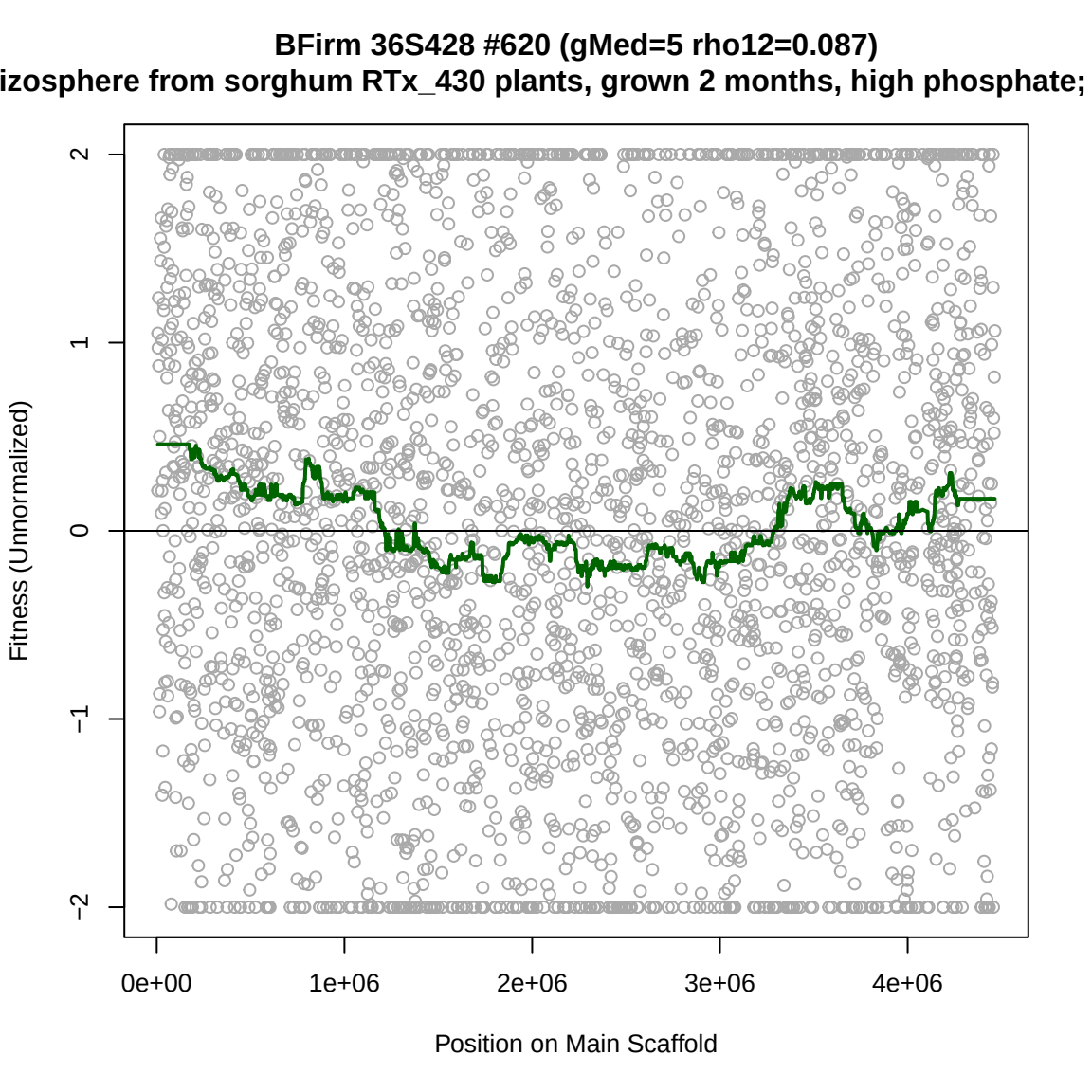

BFirm 36S423 #615 (gMed=28 rho12=0.180)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

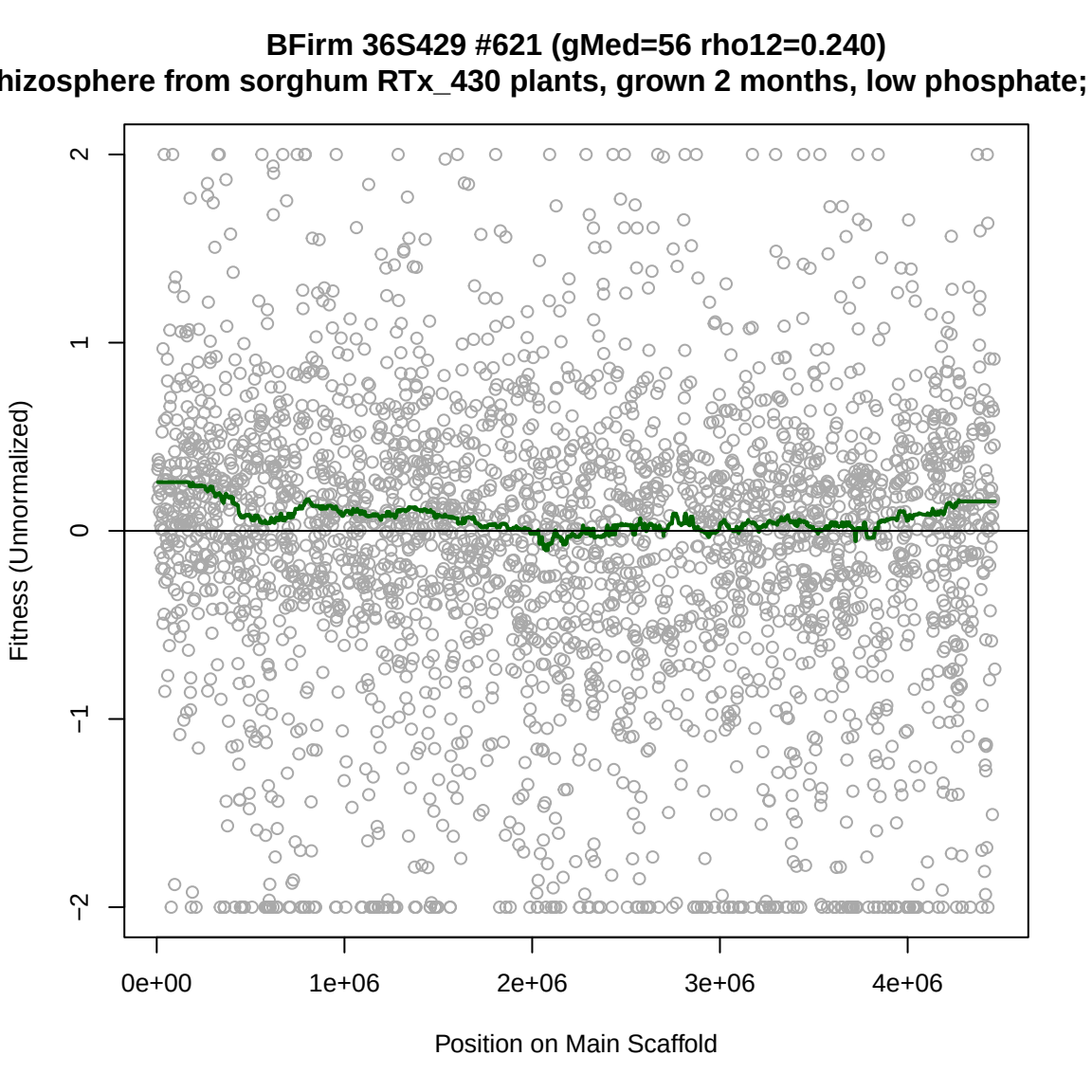

BFirm 36S424 #616 (gMed=39 rho12=0.183)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

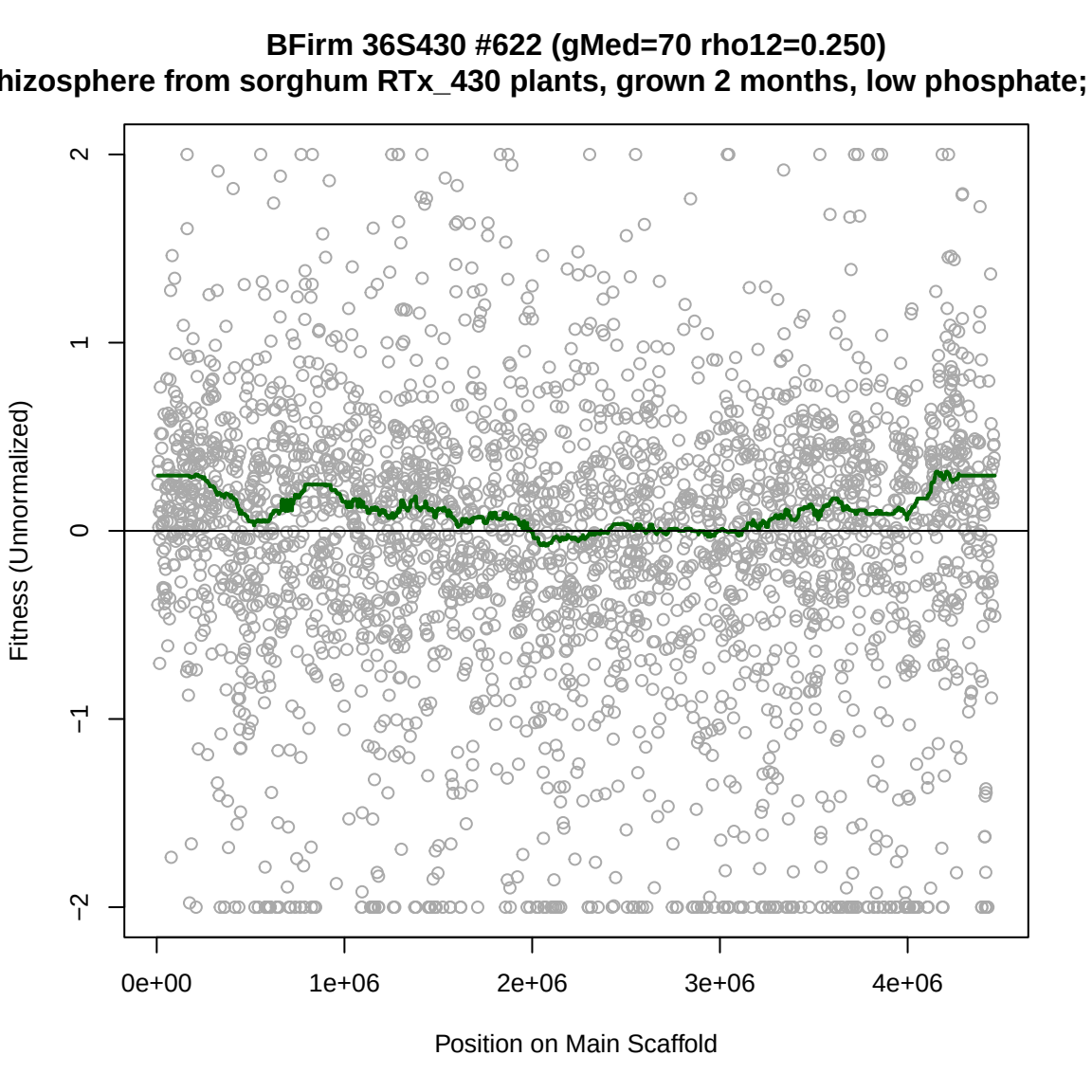

BFirm 36S425 #617 (gMed=32 rho12=0.110)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

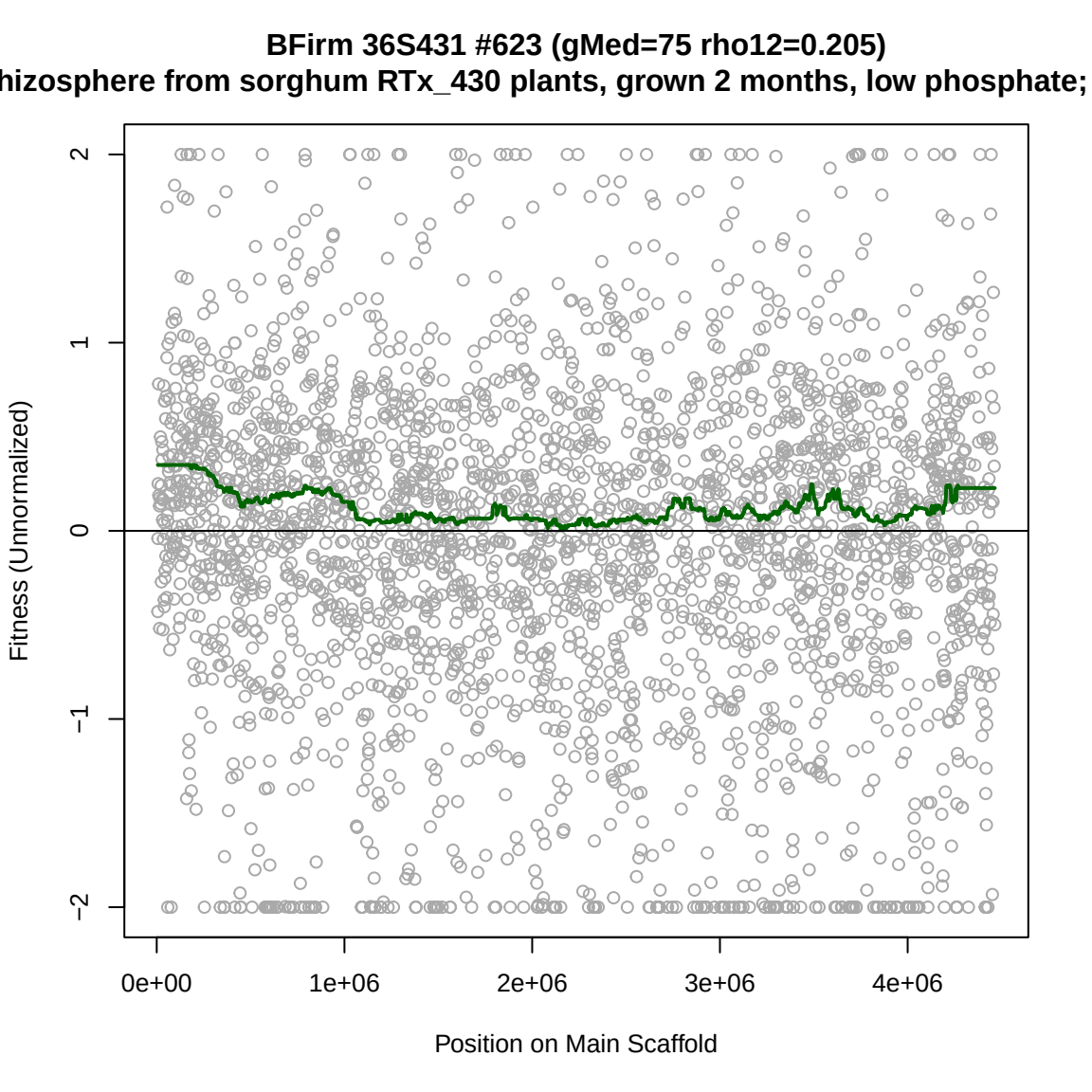

BFirm 36S426 #618 (gMed=18 rho12=0.097)
hizosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

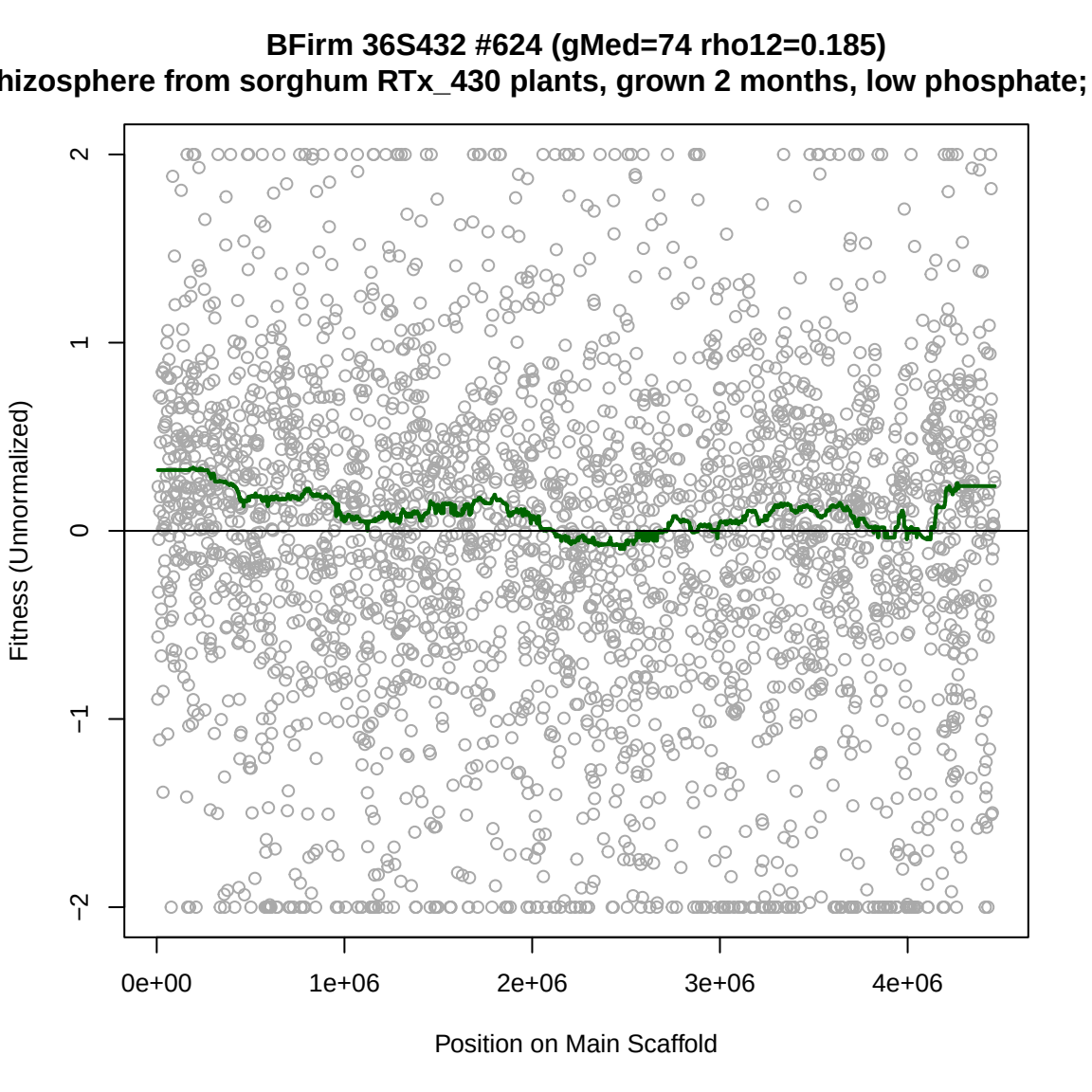

BFirm 36S427 #619 (gMed=15 rho12=0.103)
izosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

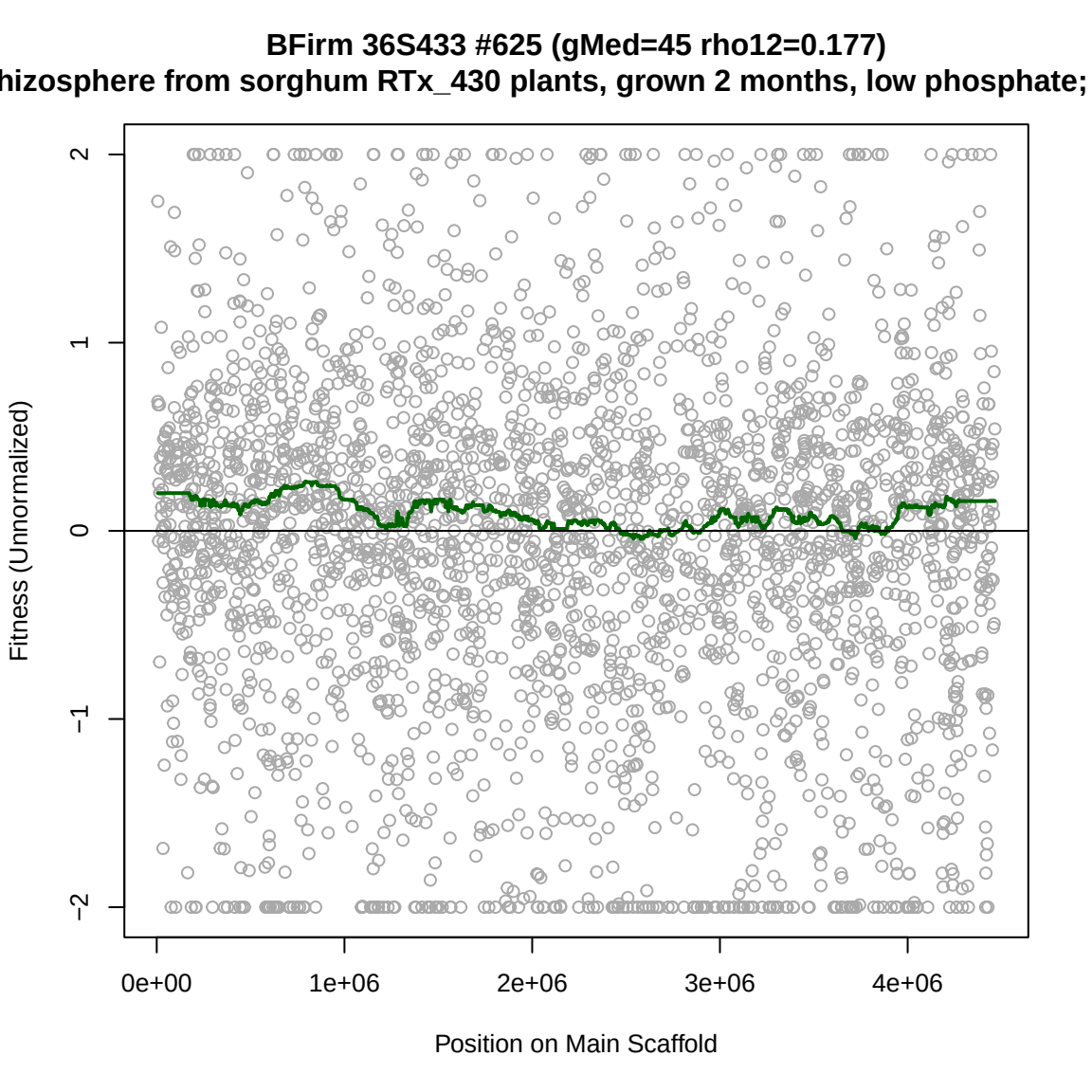

BFirm 36S428 #620 (gMed=5 rho12=0.087)
izosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

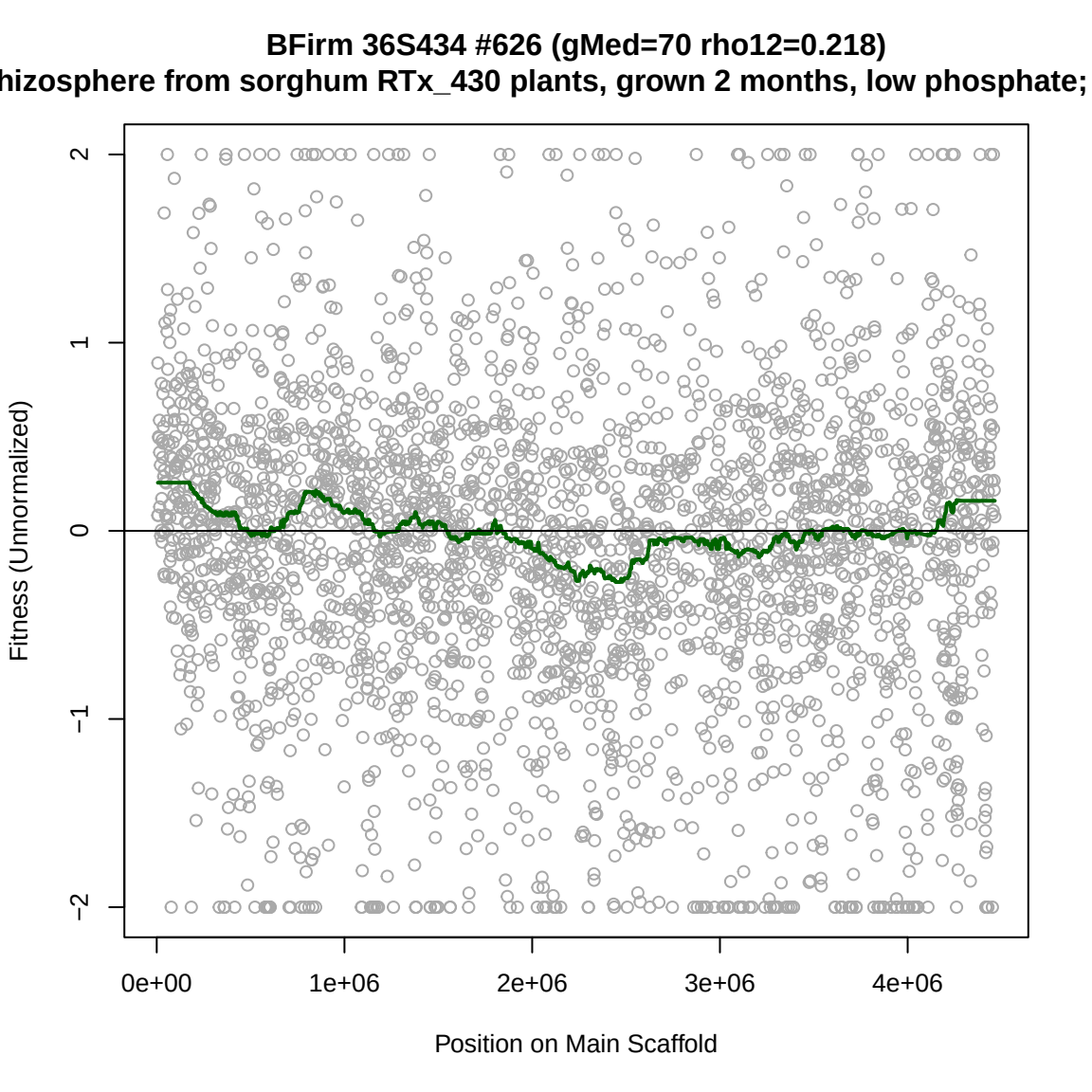

BFirm 36S429 #621 (gMed=56 rho12=0.240)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

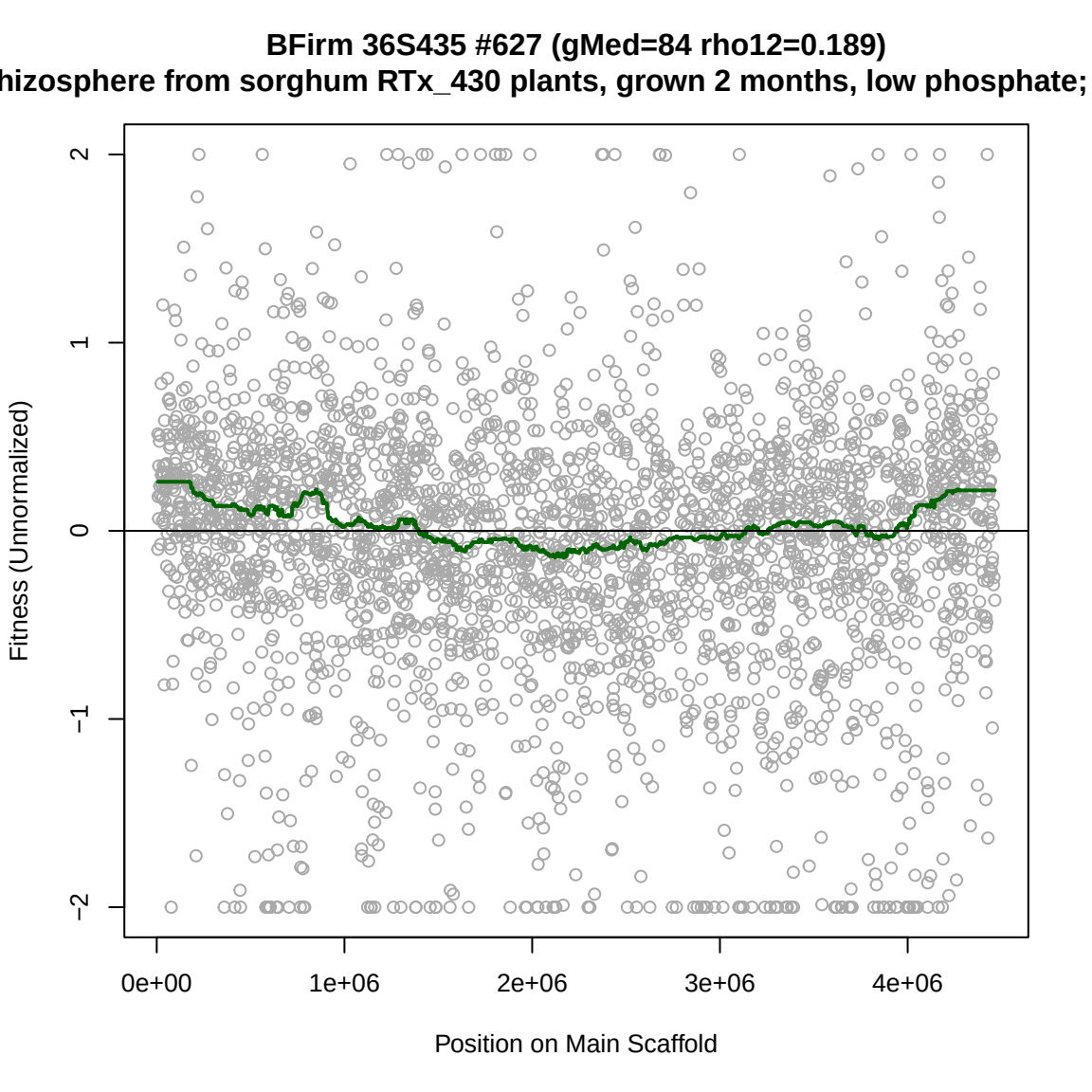

BFirm 36S430 #622 (gMed=70 rho12=0.250)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

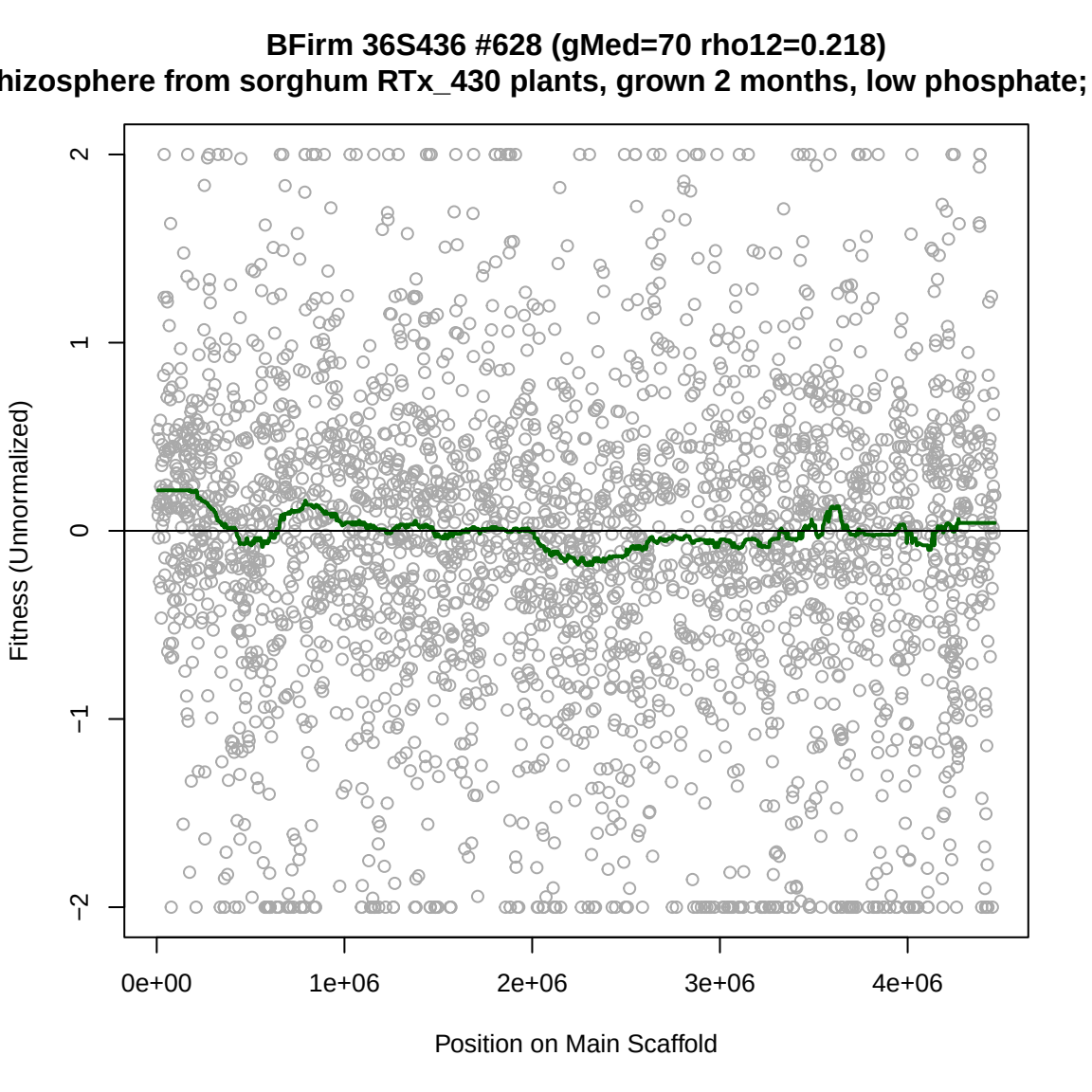

BFirm 36S431 #623 (gMed=75 rho12=0.205)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

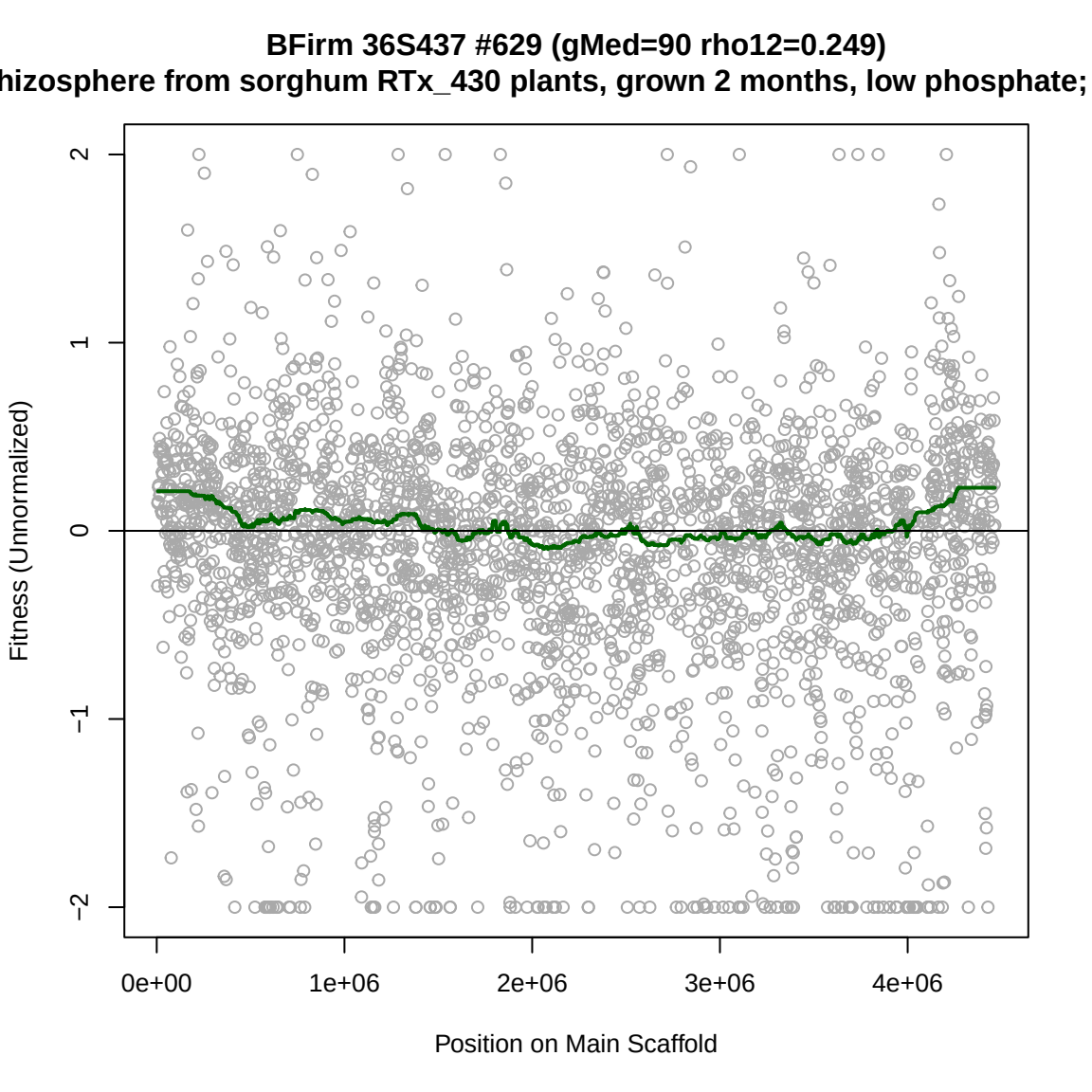

BFirm 36S432 #624 (gMed=74 rho12=0.185)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

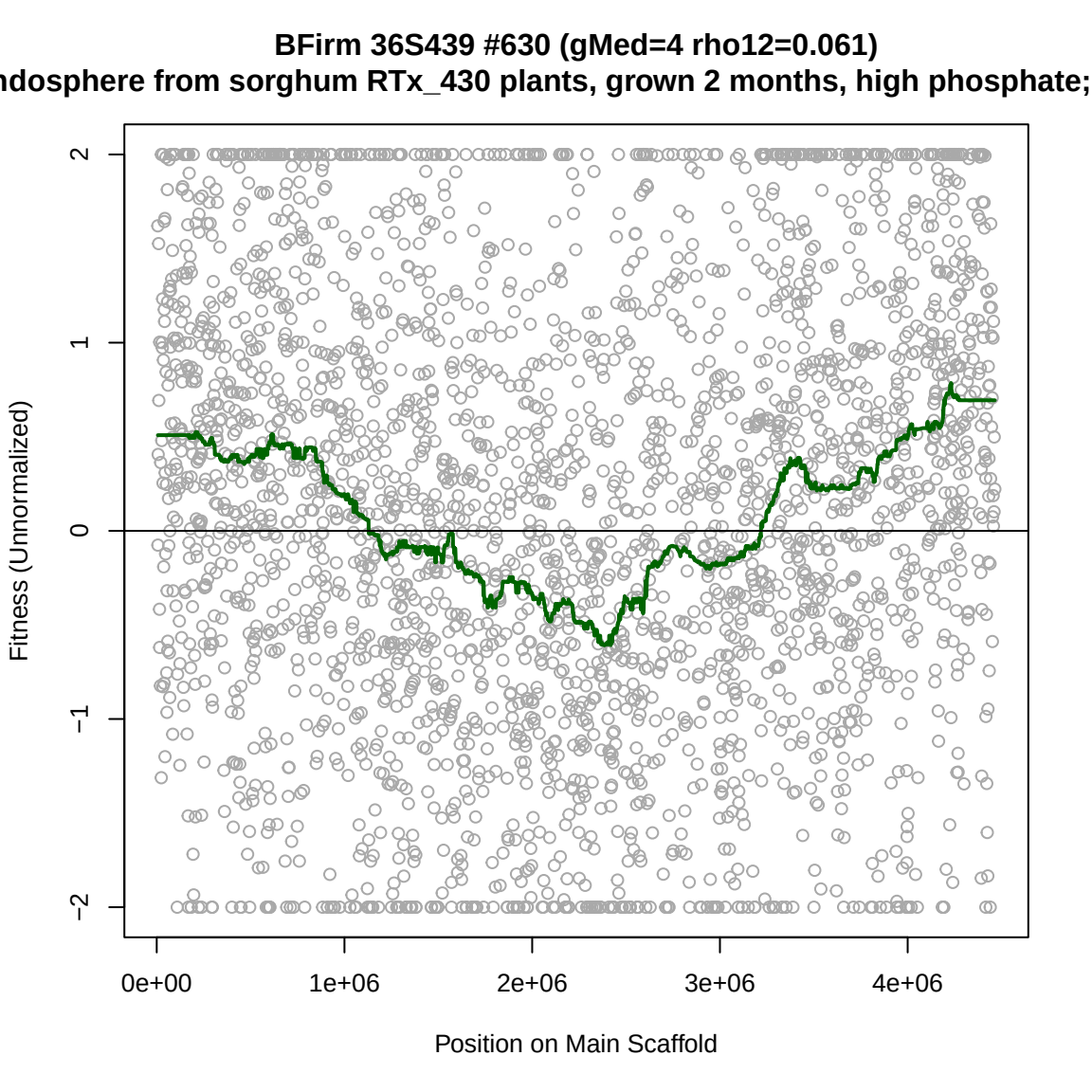

BFirm 36S433 #625 (gMed=45 rho12=0.177)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

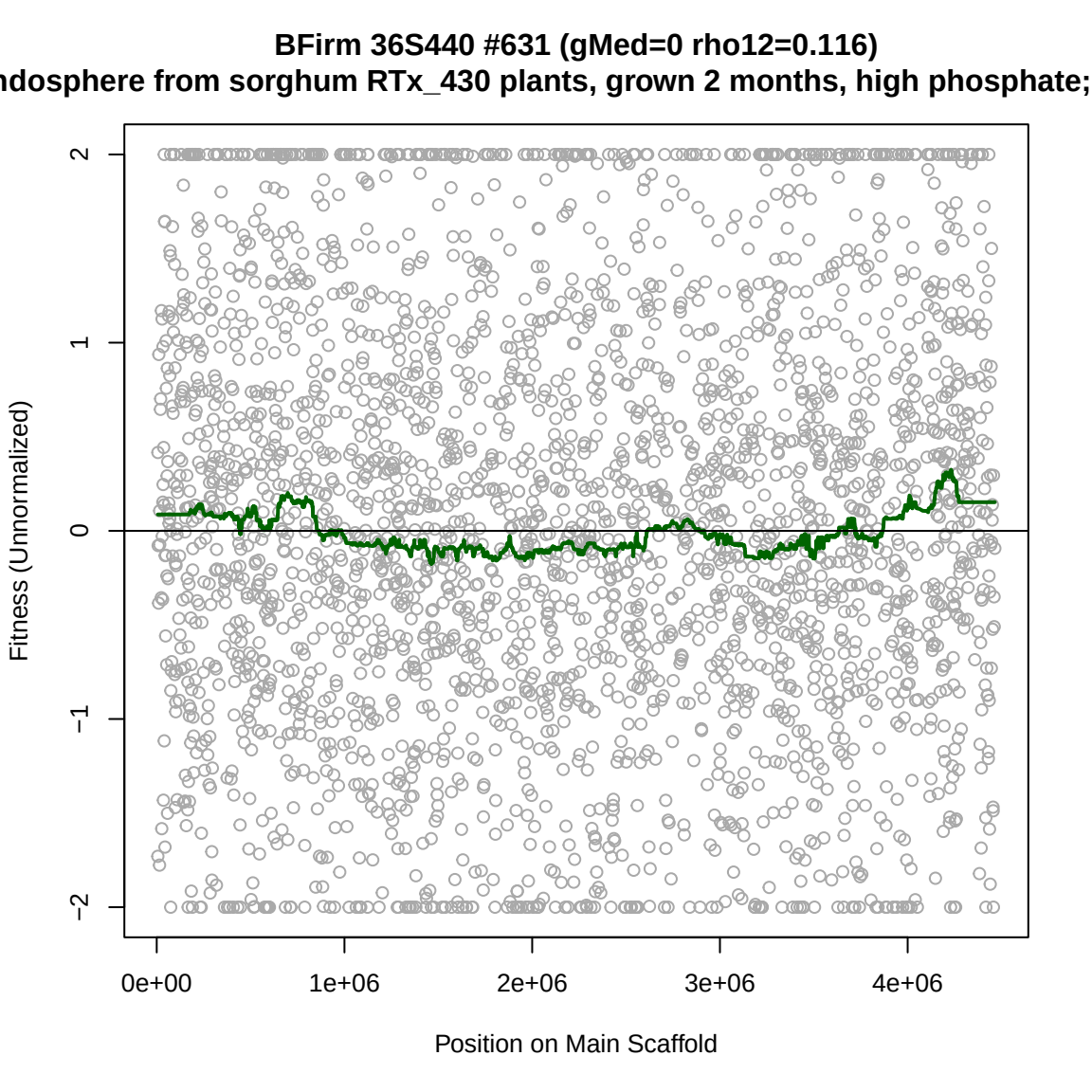

BFirm 36S434 #626 (gMed=70 rho12=0.218)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

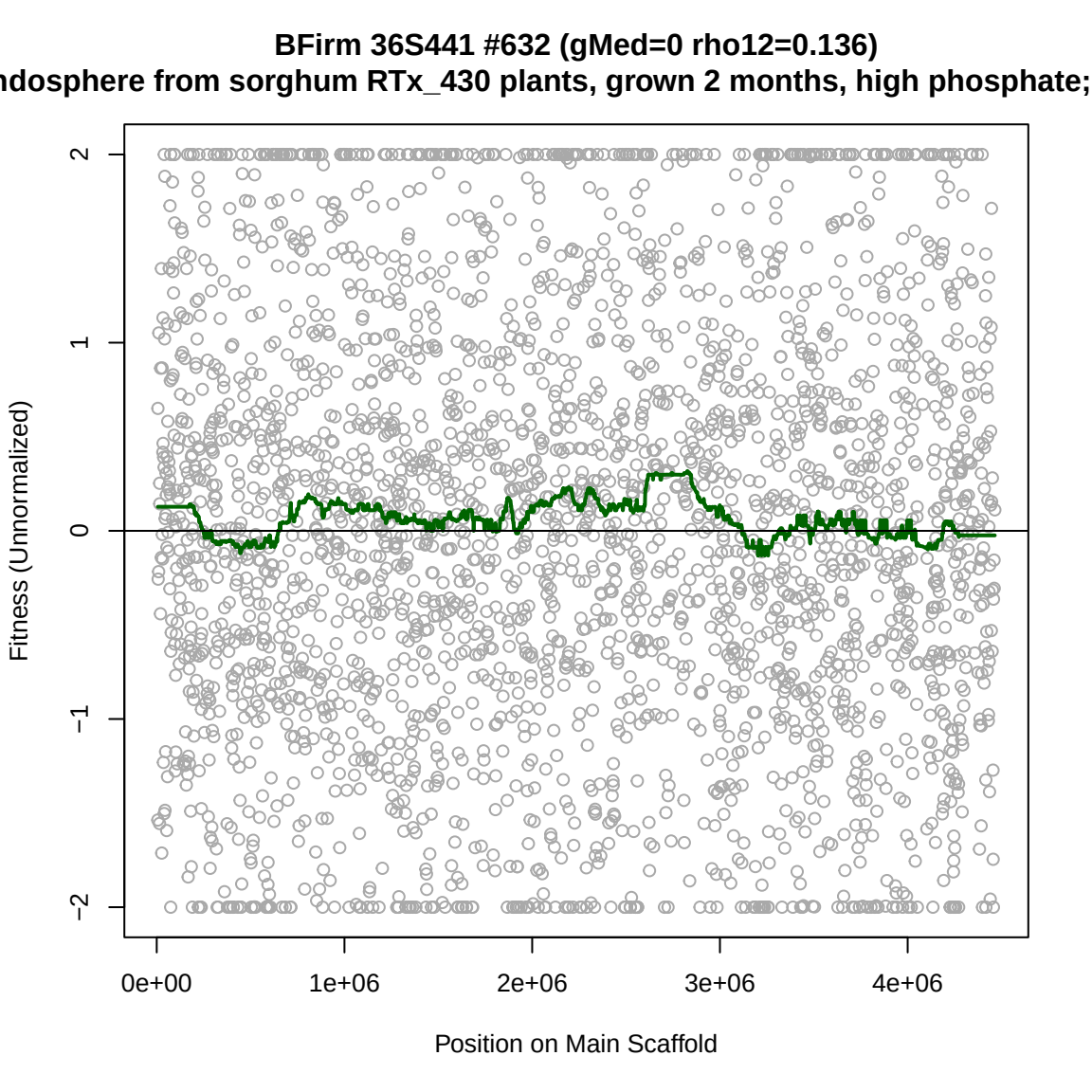

BFirm 36S435 #627 (gMed=84 rho12=0.189)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

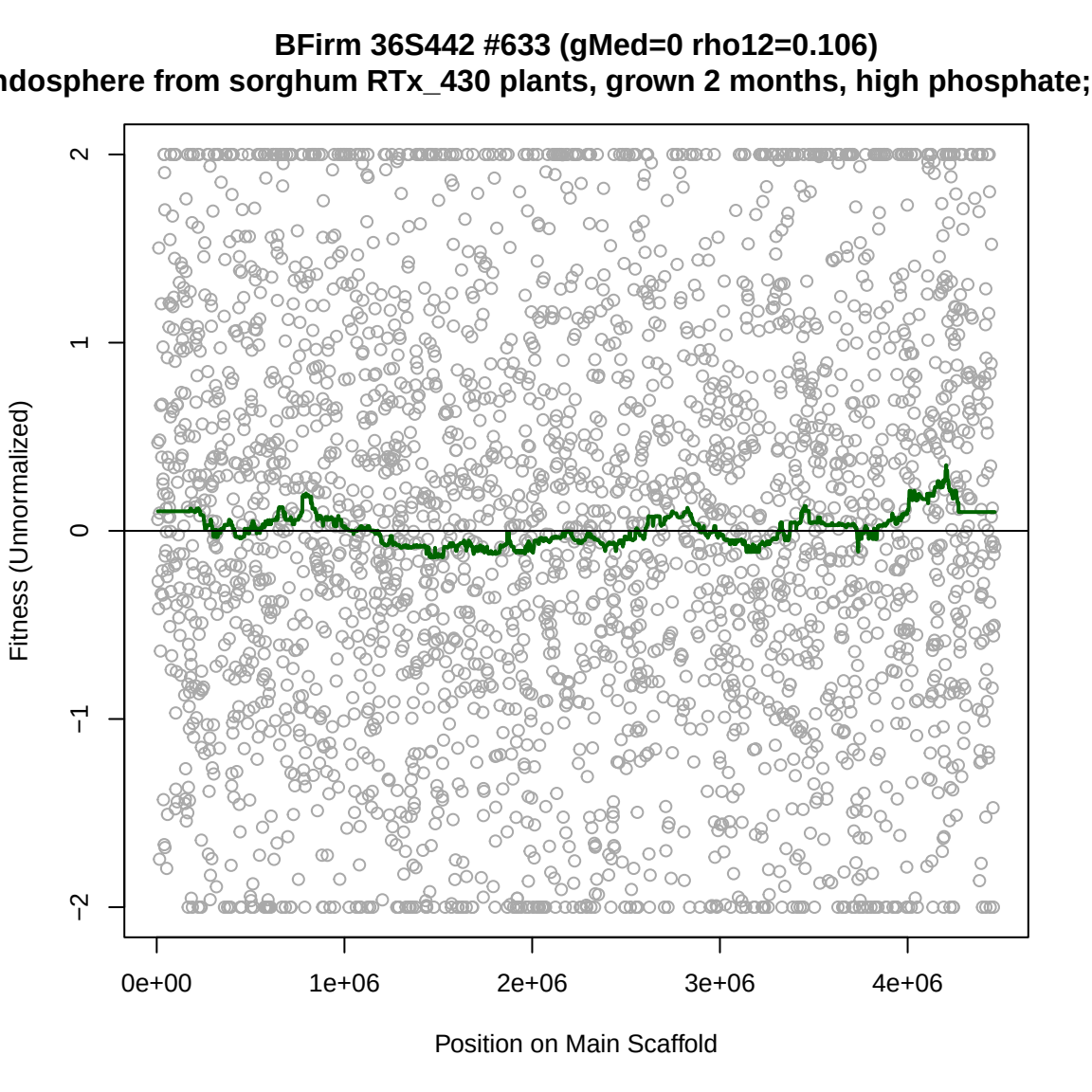

BFirm 36S436 #628 (gMed=70 rho12=0.218)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

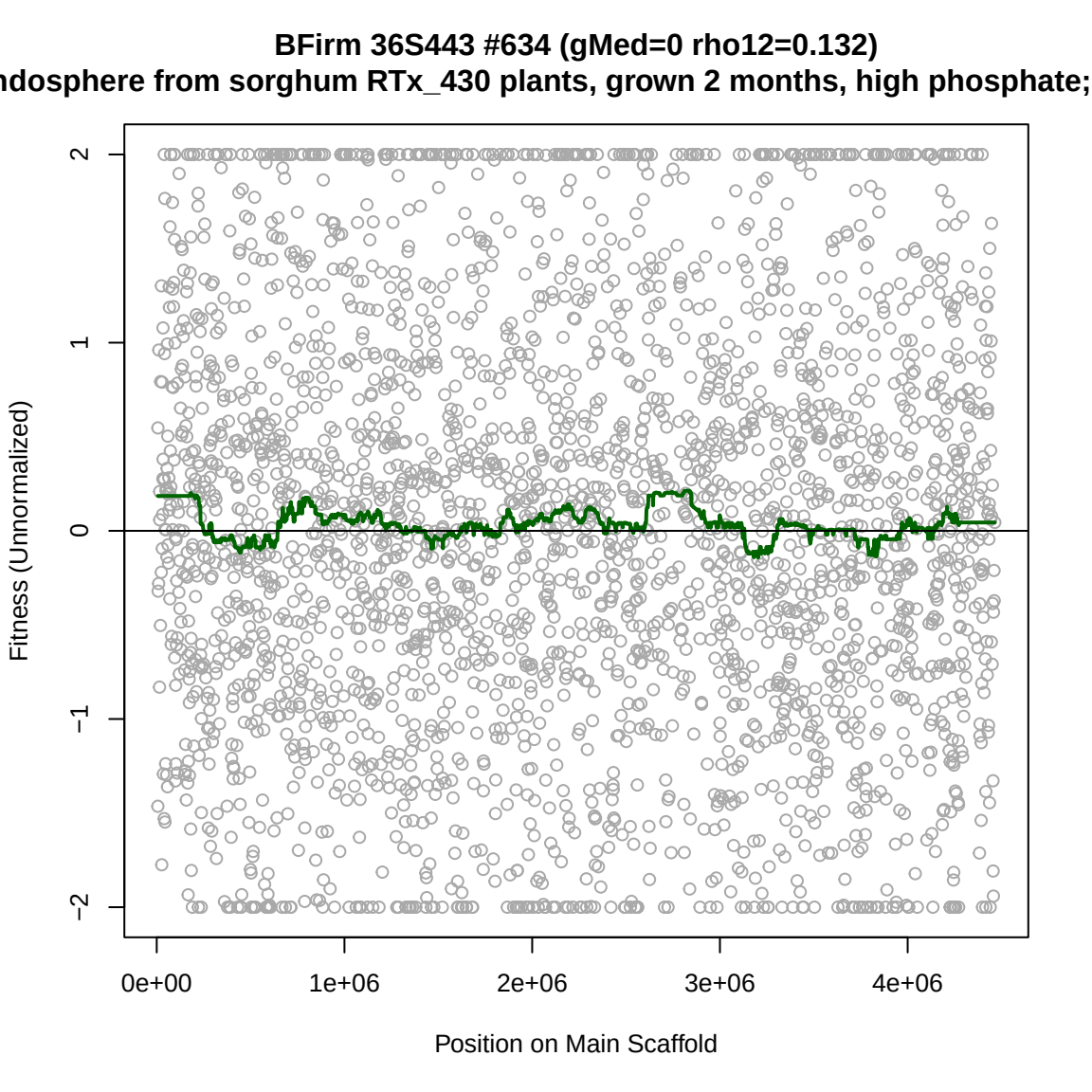

BFirm 36S437 #629 (gMed=90 rho12=0.249)
hizosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

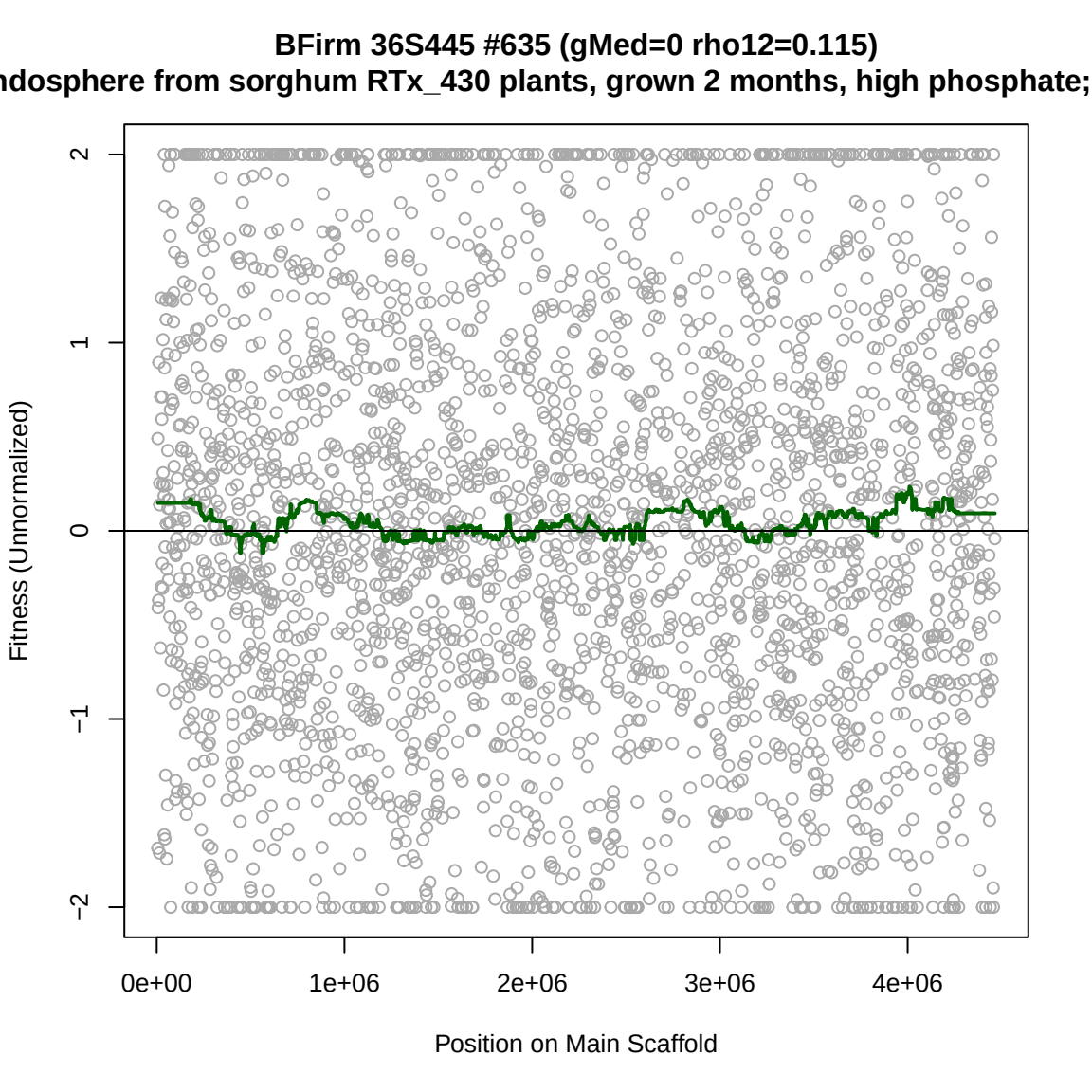

BFirm 36S439 #630 (gMed=4 rho12=0.061)
ndosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

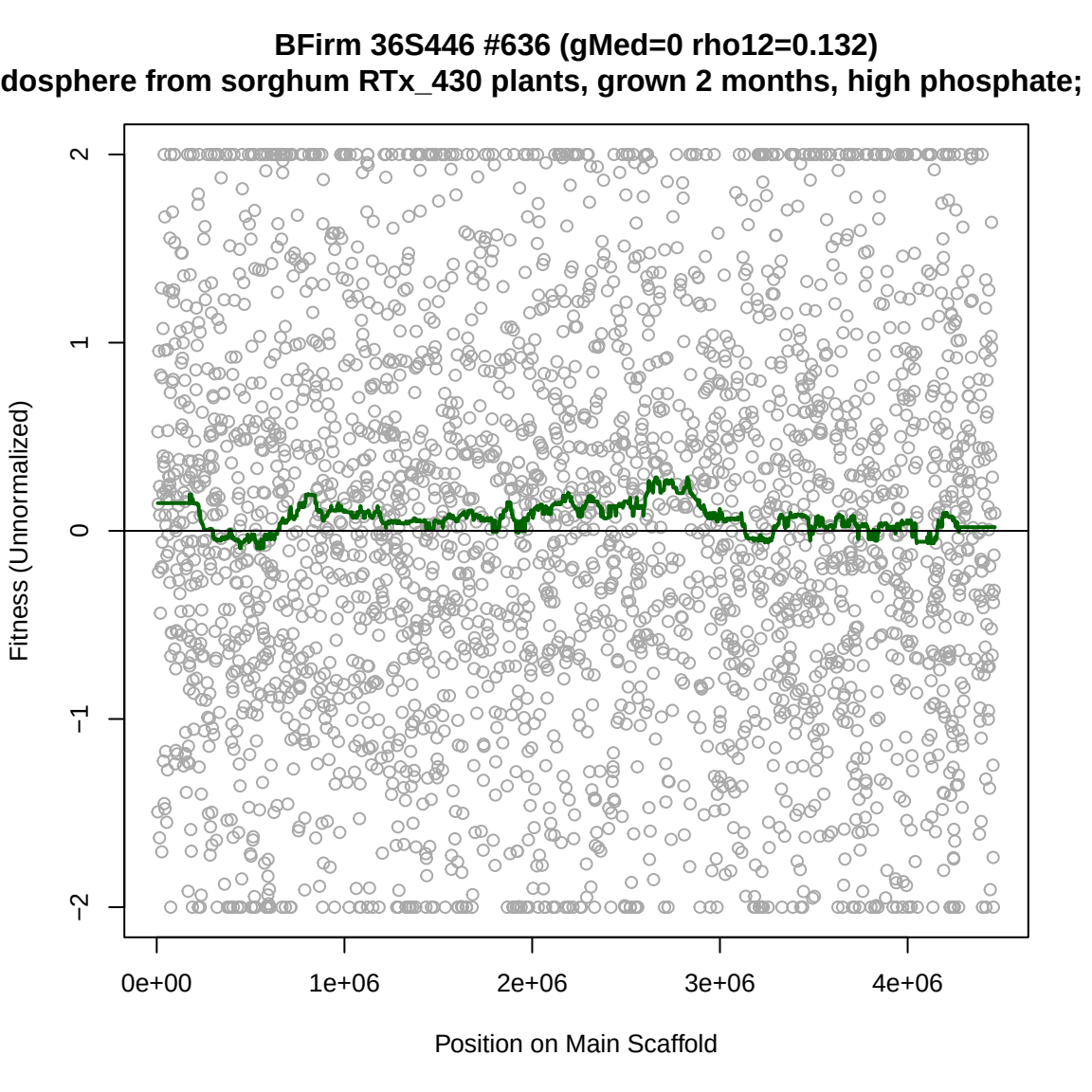

BFirm 36S440 #631 (gMed=0 rho12=0.116)
ndosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

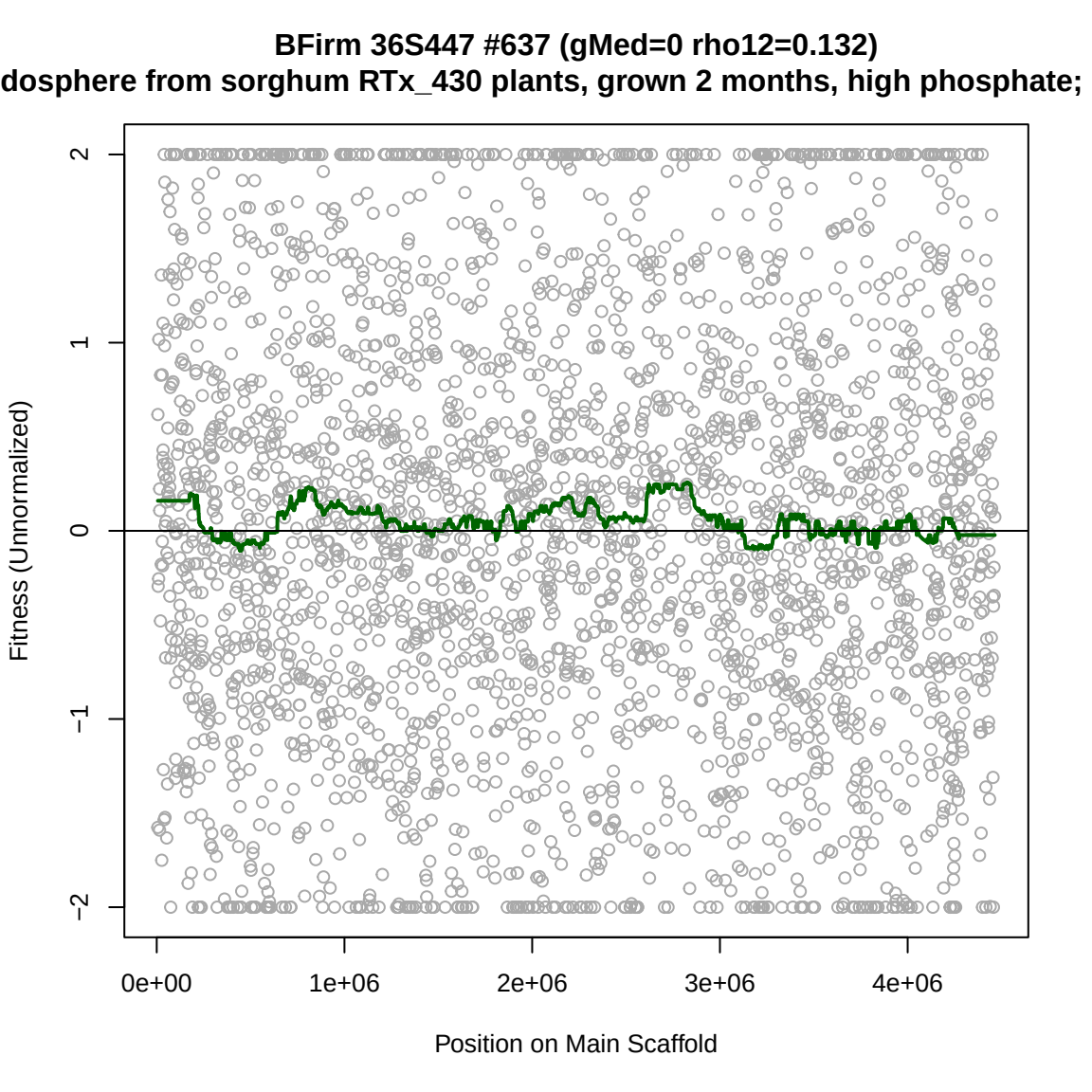

BFirm 36S441 #632 (gMed=0 rho12=0.136)
ndosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

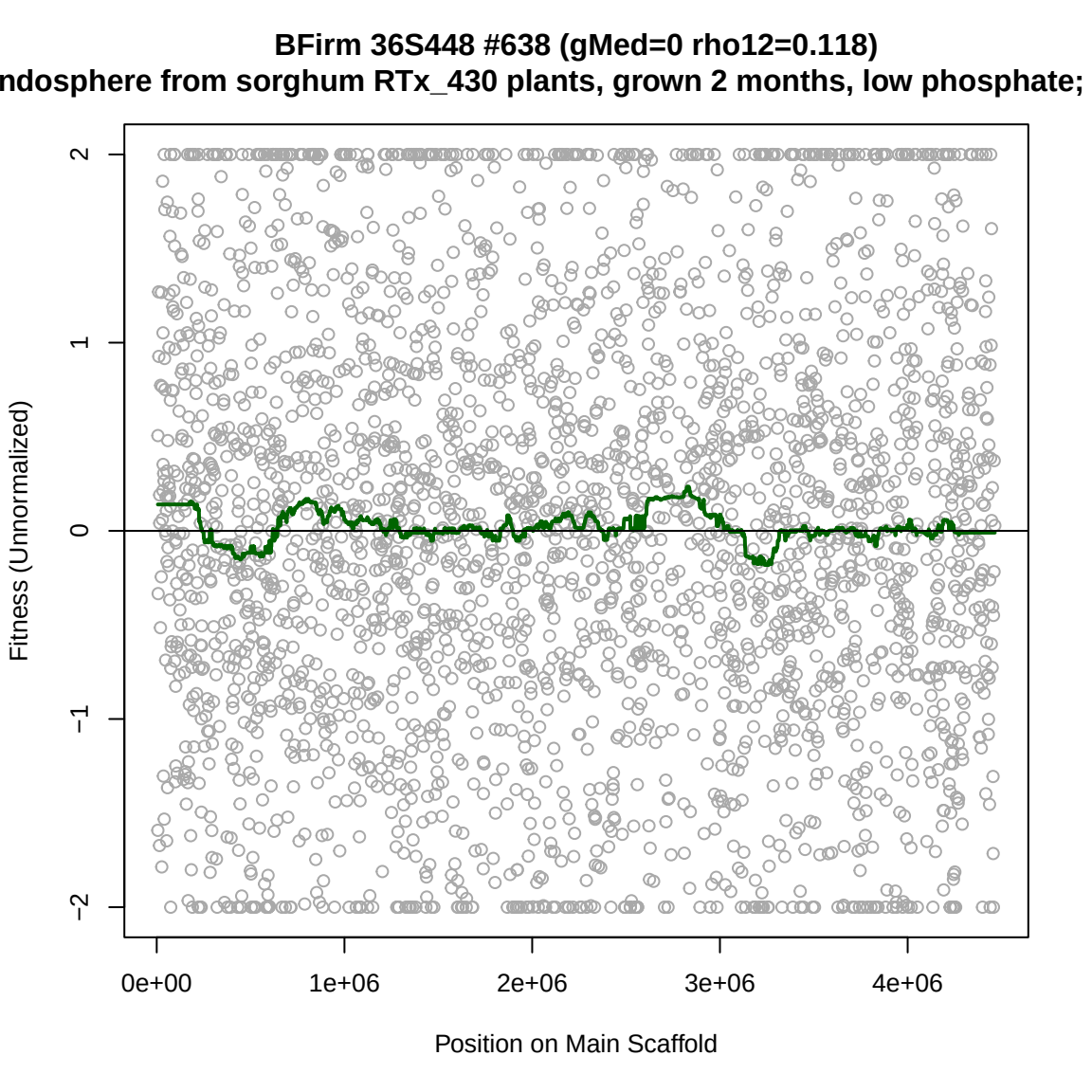

BFirm 36S442 #633 (gMed=0 rho12=0.106)
ndosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

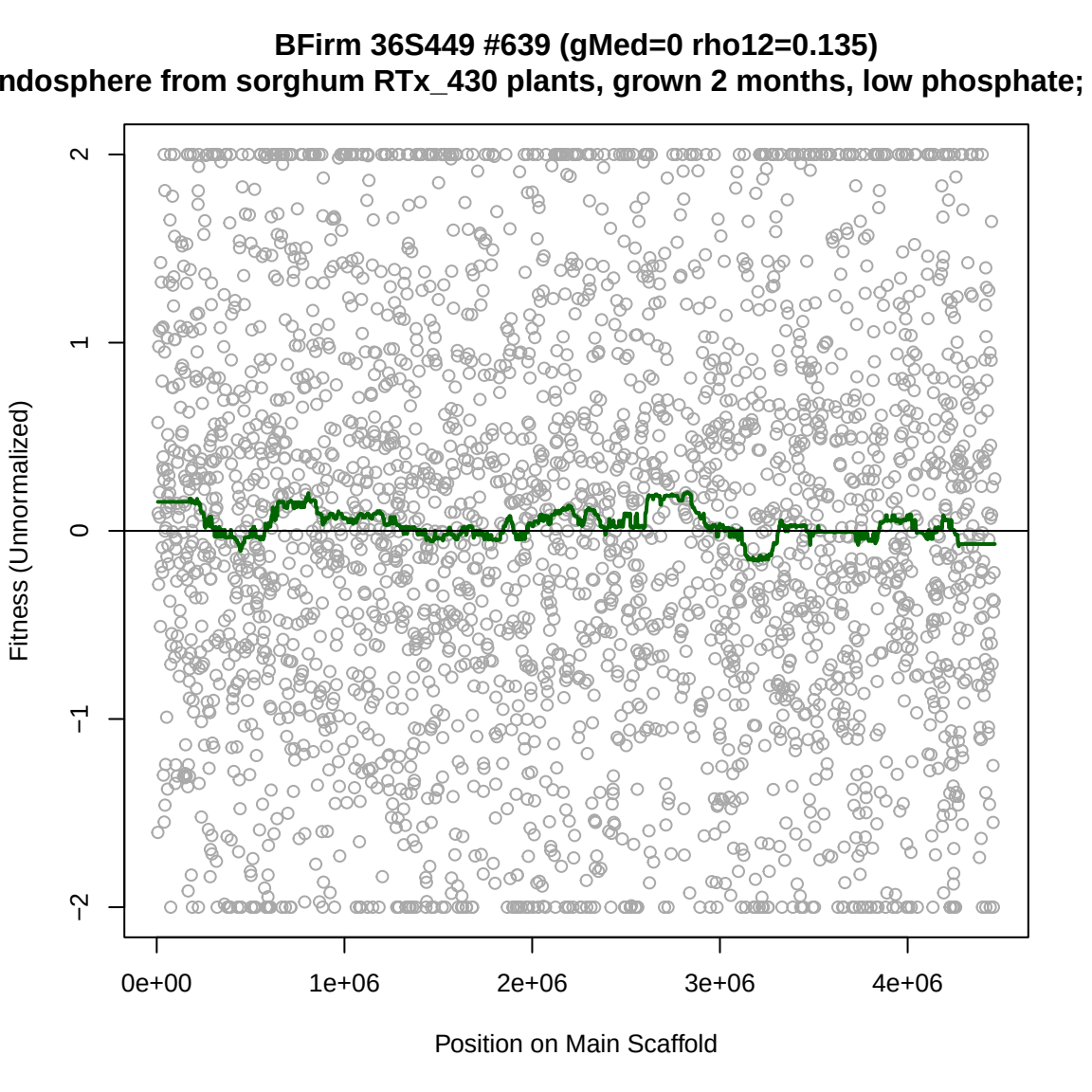

BFirm 36S443 #634 (gMed=0 rho12=0.132)
ndosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

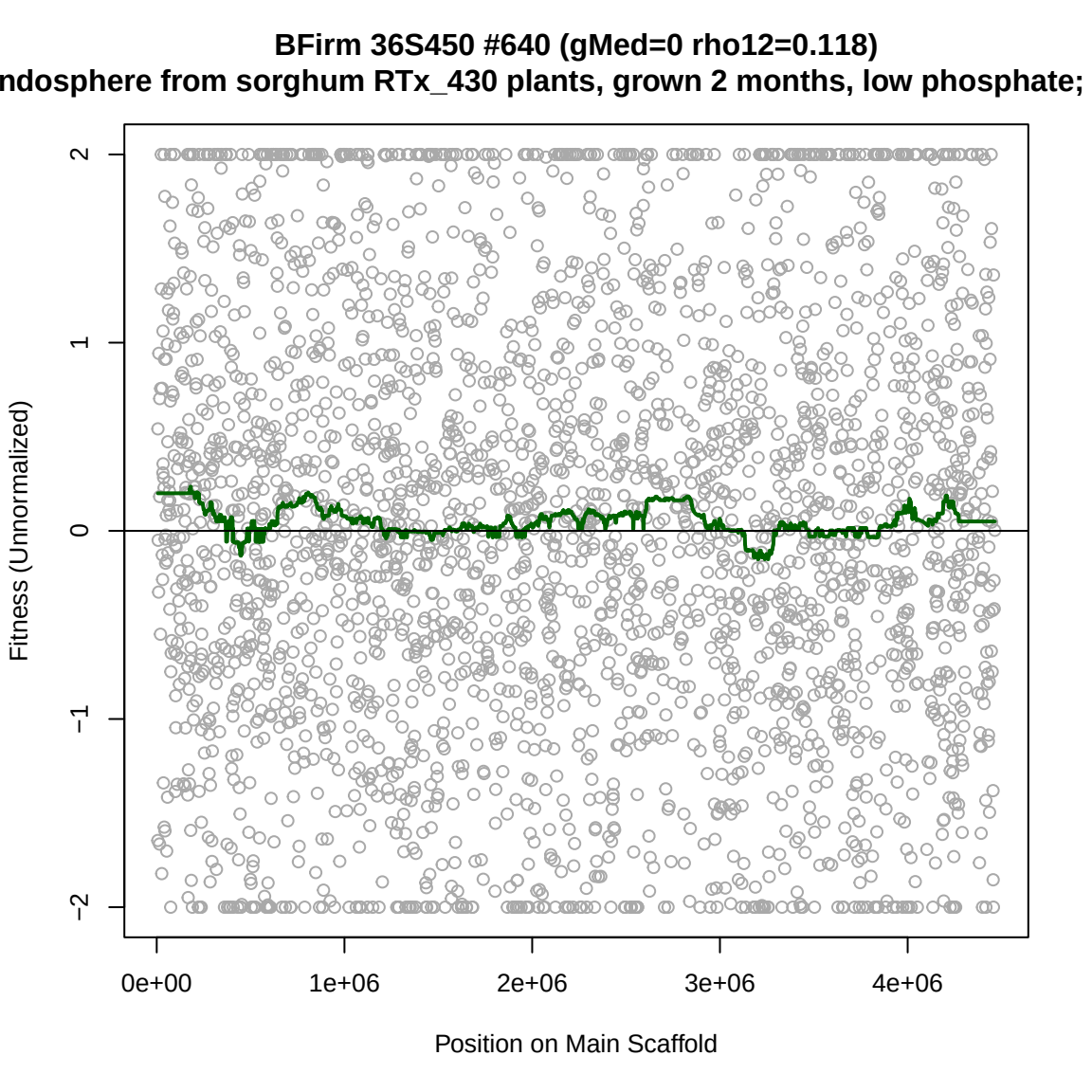

BFirm 36S445 #635 (gMed=0 rho12=0.115)
ndosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

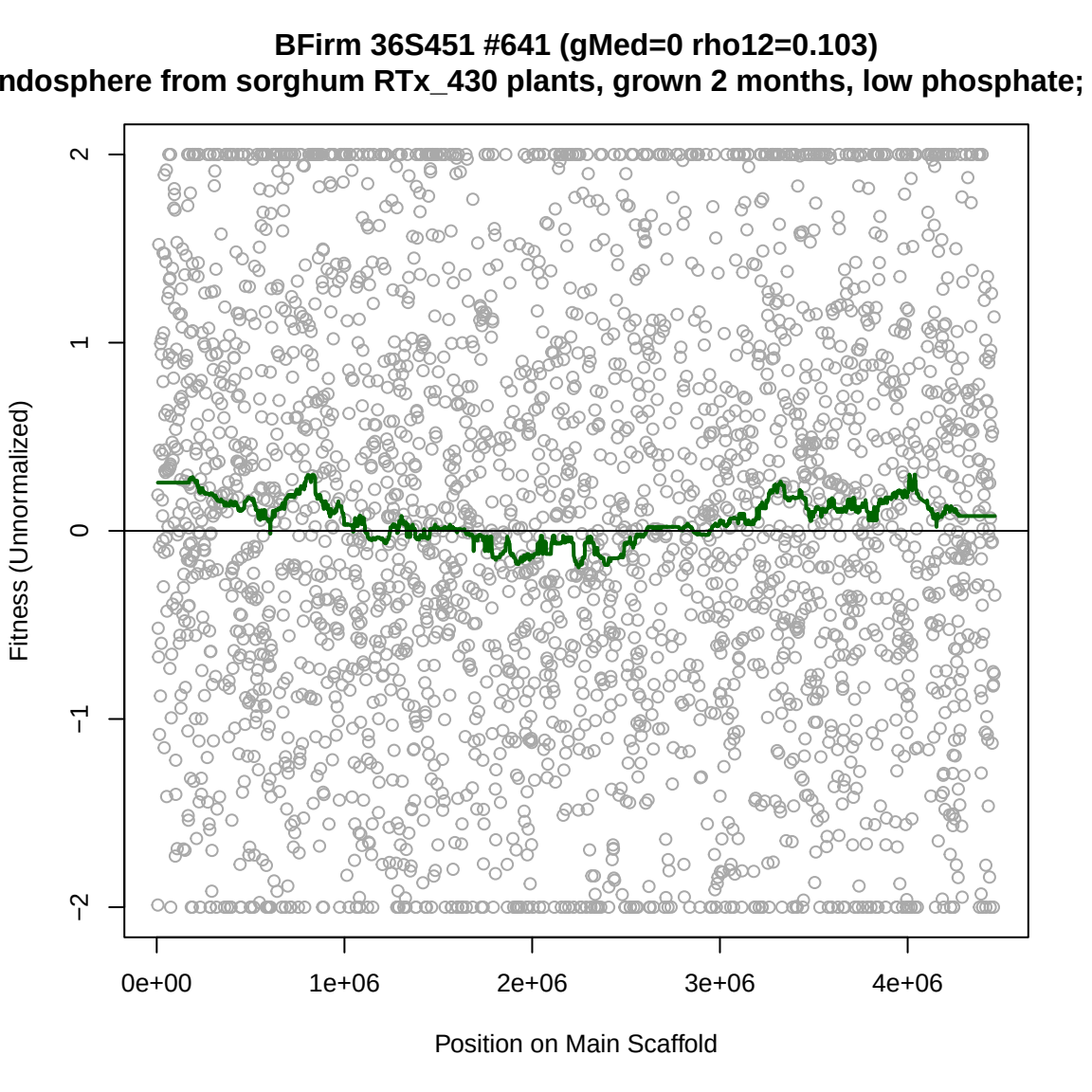

BFirm 36S446 #636 (gMed=0 rho12=0.132)
dosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

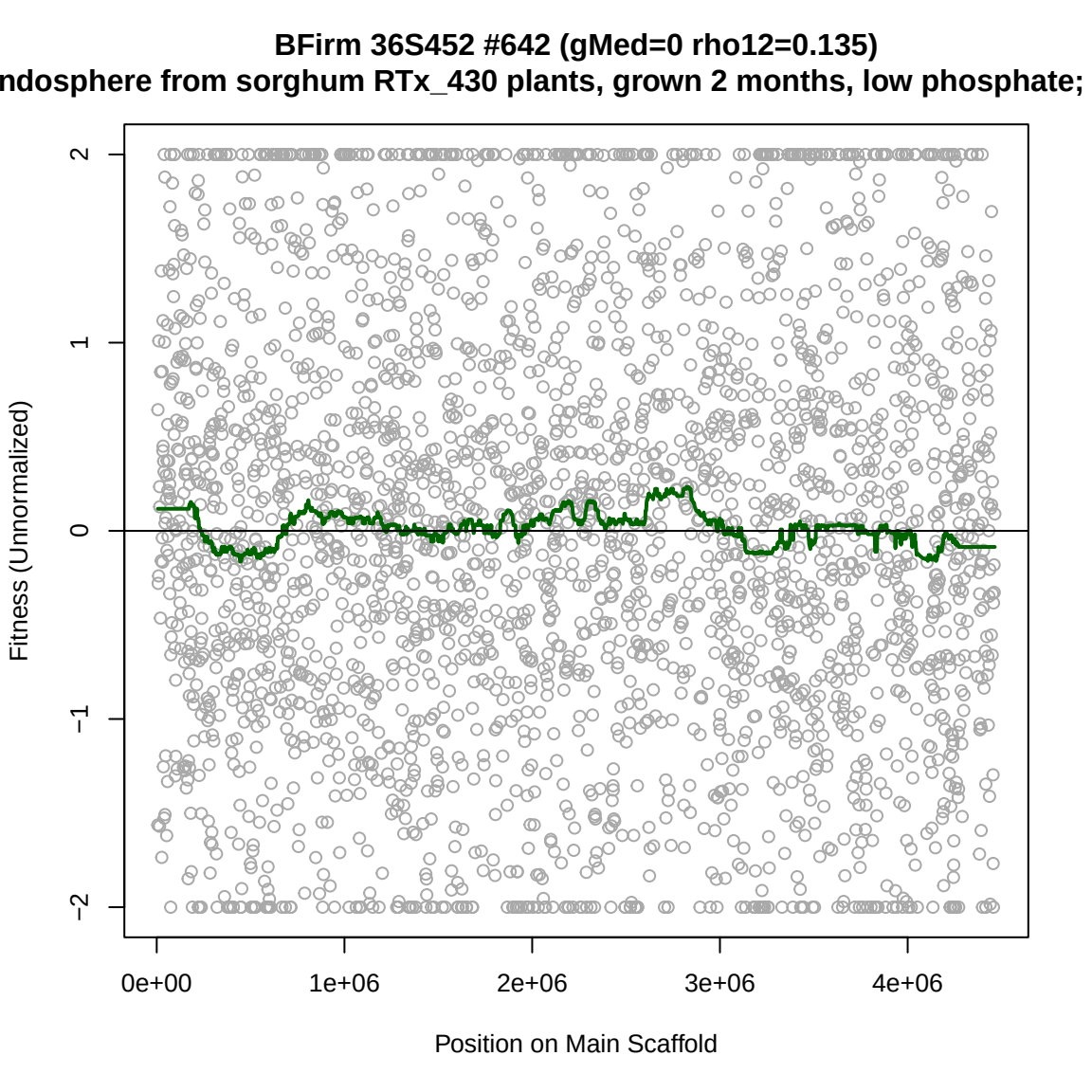

BFirm 36S447 #637 (gMed=0 rho12=0.132)
dosphere from sorghum RTx_430 plants, grown 2 months, high phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

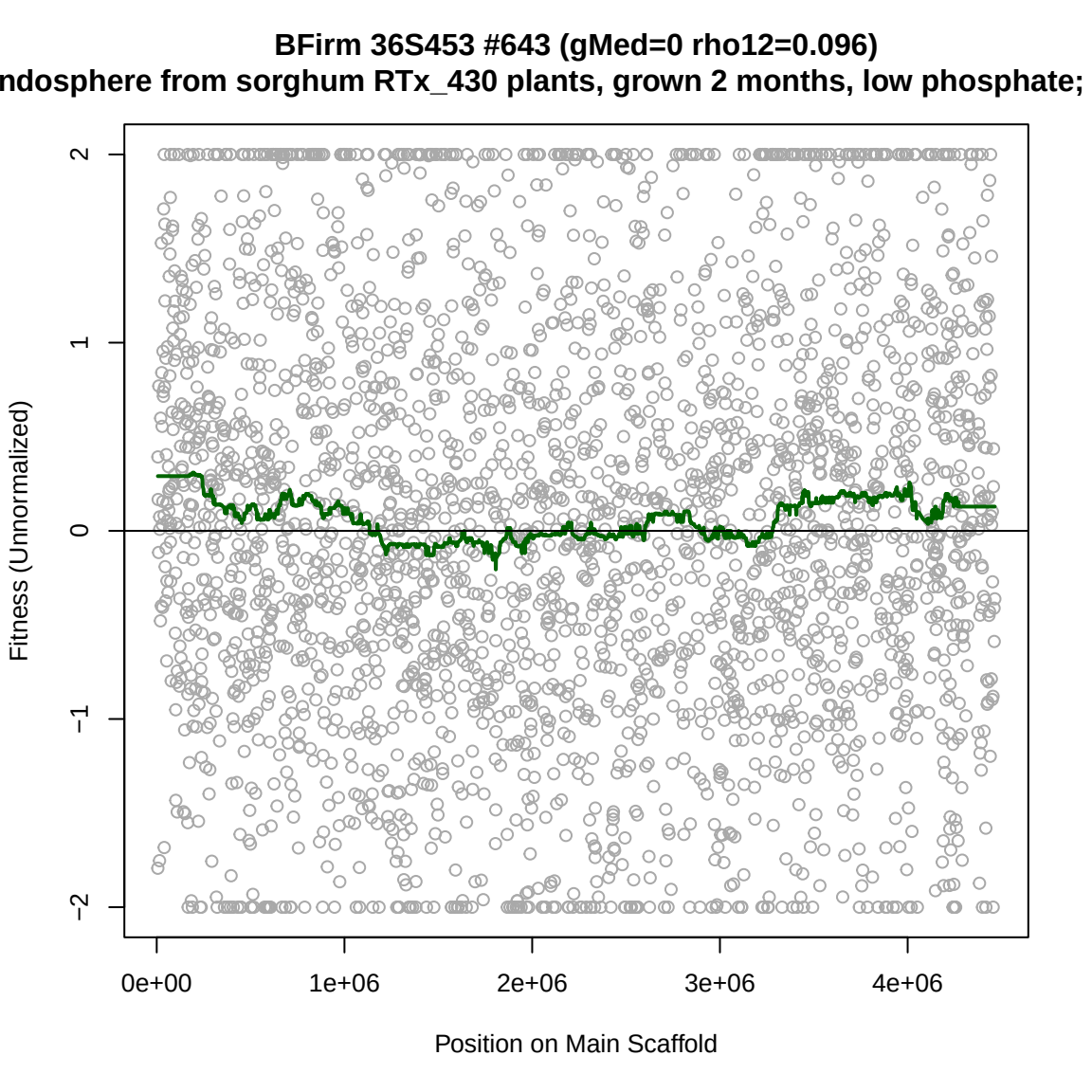

BFirm 36S448 #638 (gMed=0 rho12=0.118)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

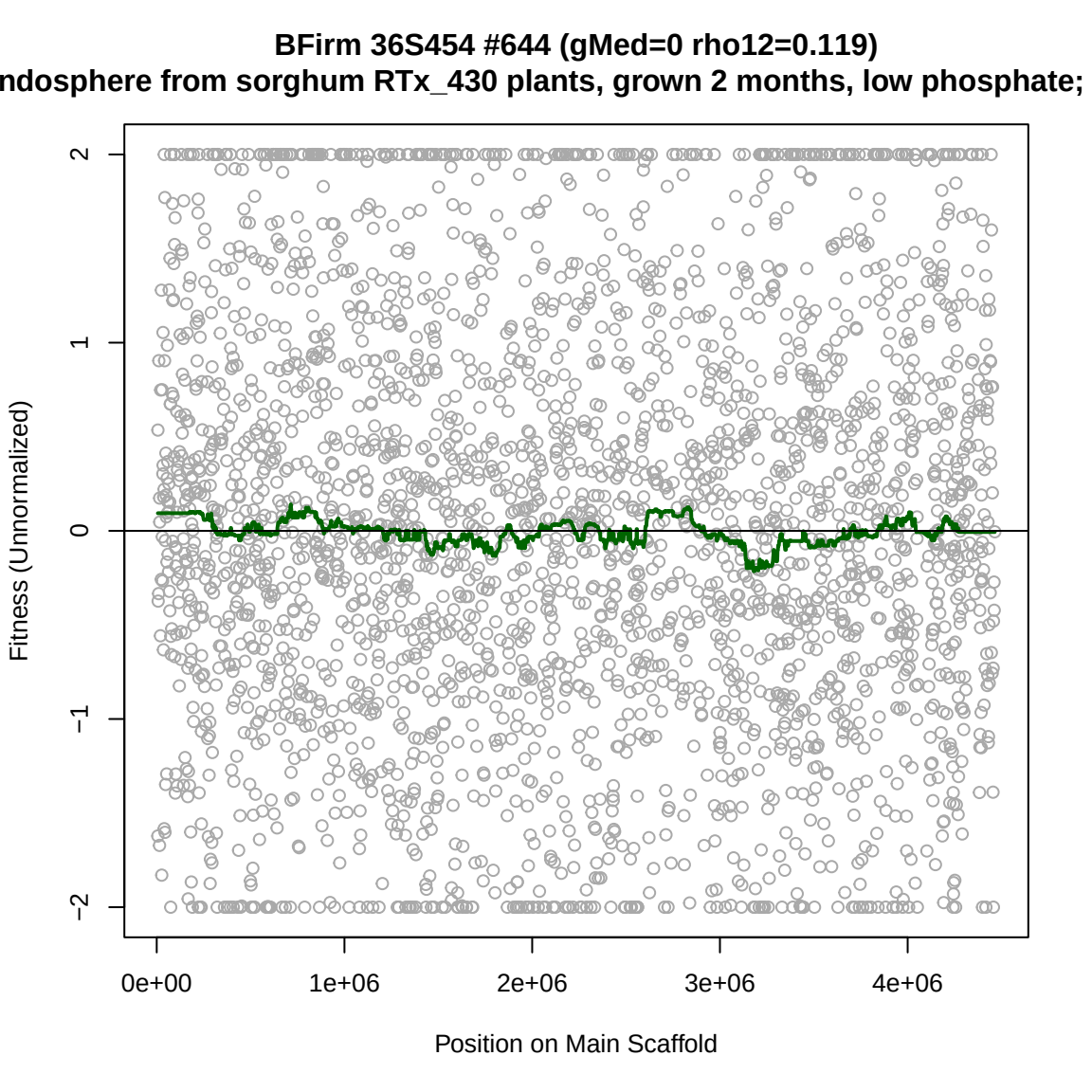

BFirm 36S449 #639 (gMed=0 rho12=0.135)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

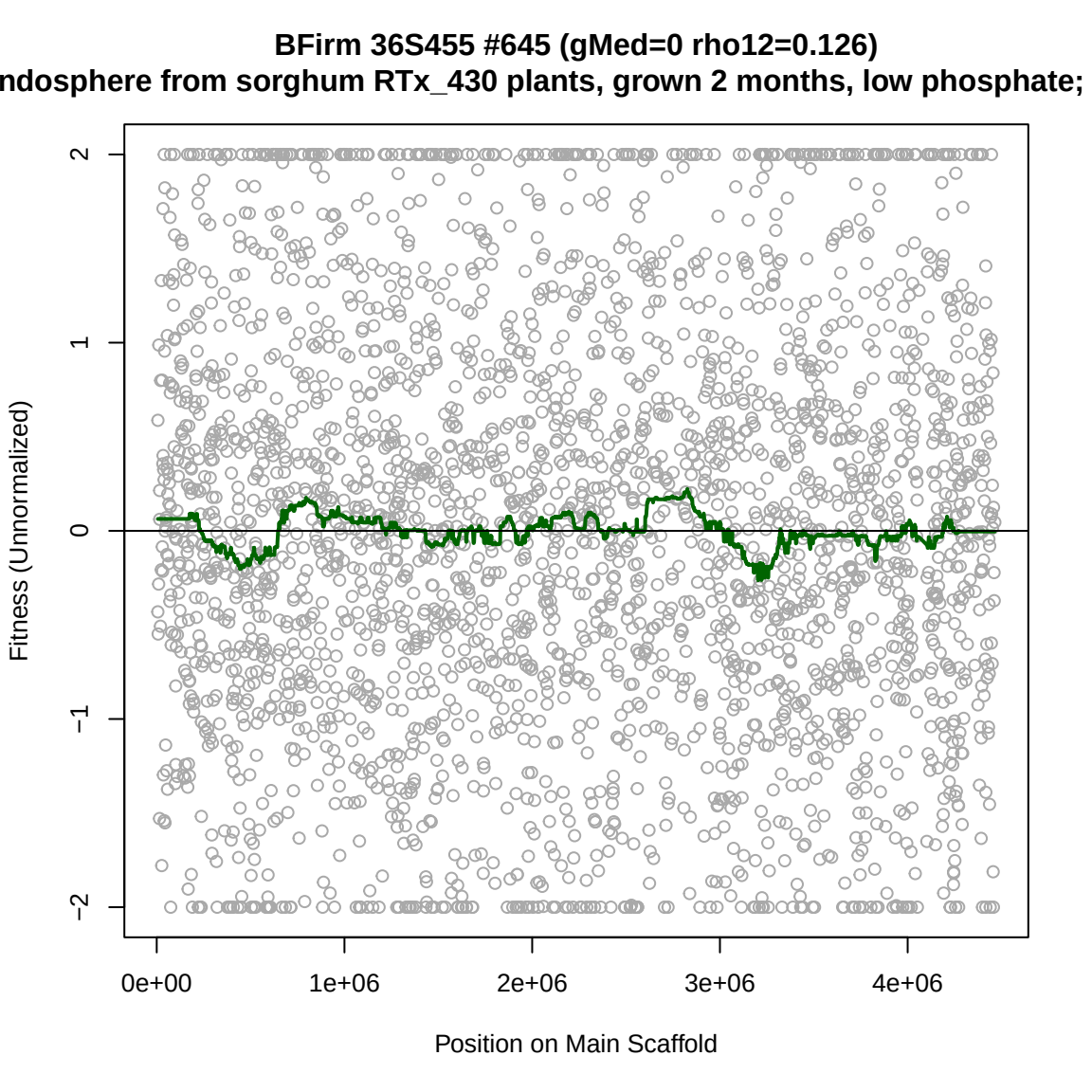

BFirm 36S450 #640 (gMed=0 rho12=0.118)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

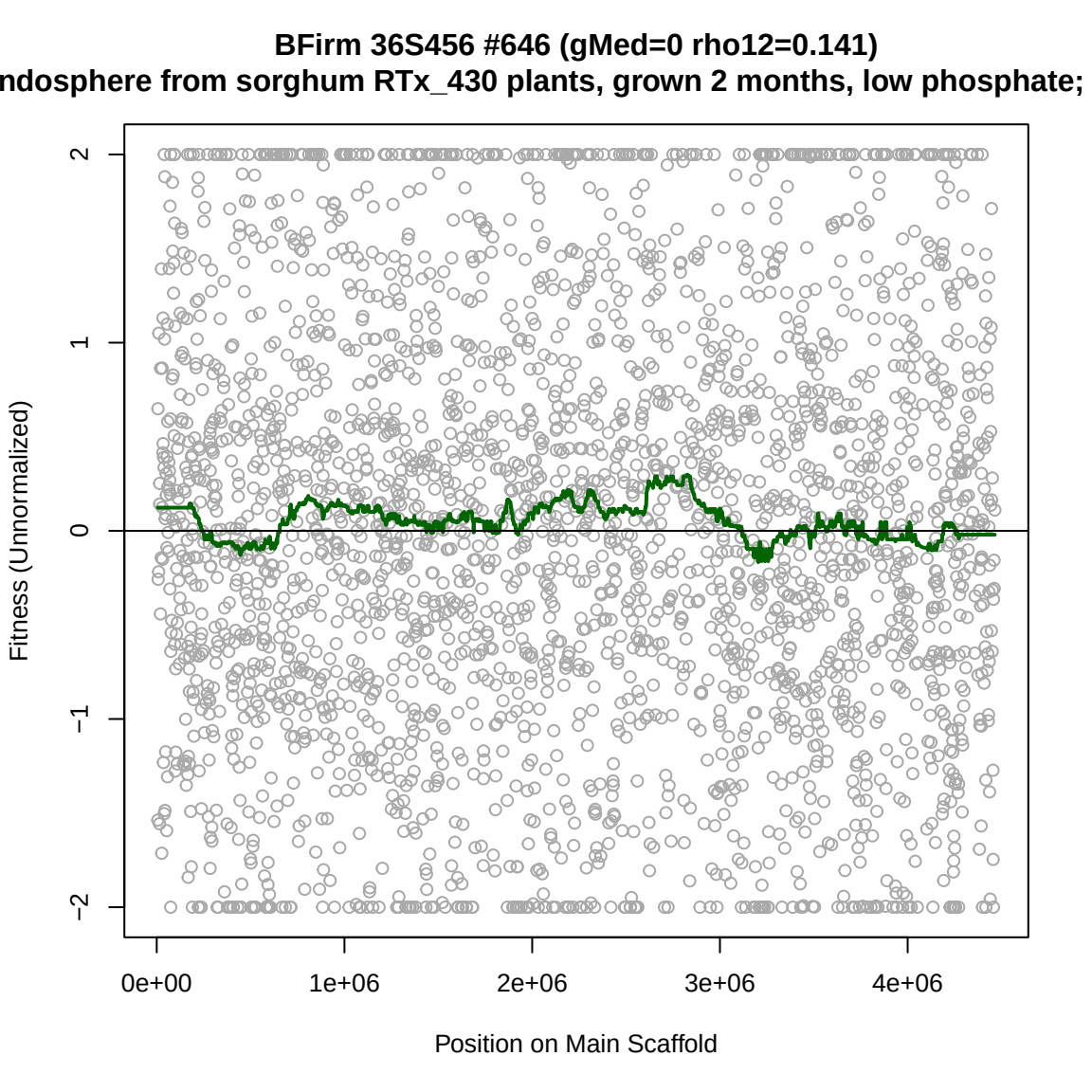

BFirm 36S451 #641 (gMed=0 rho12=0.103)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

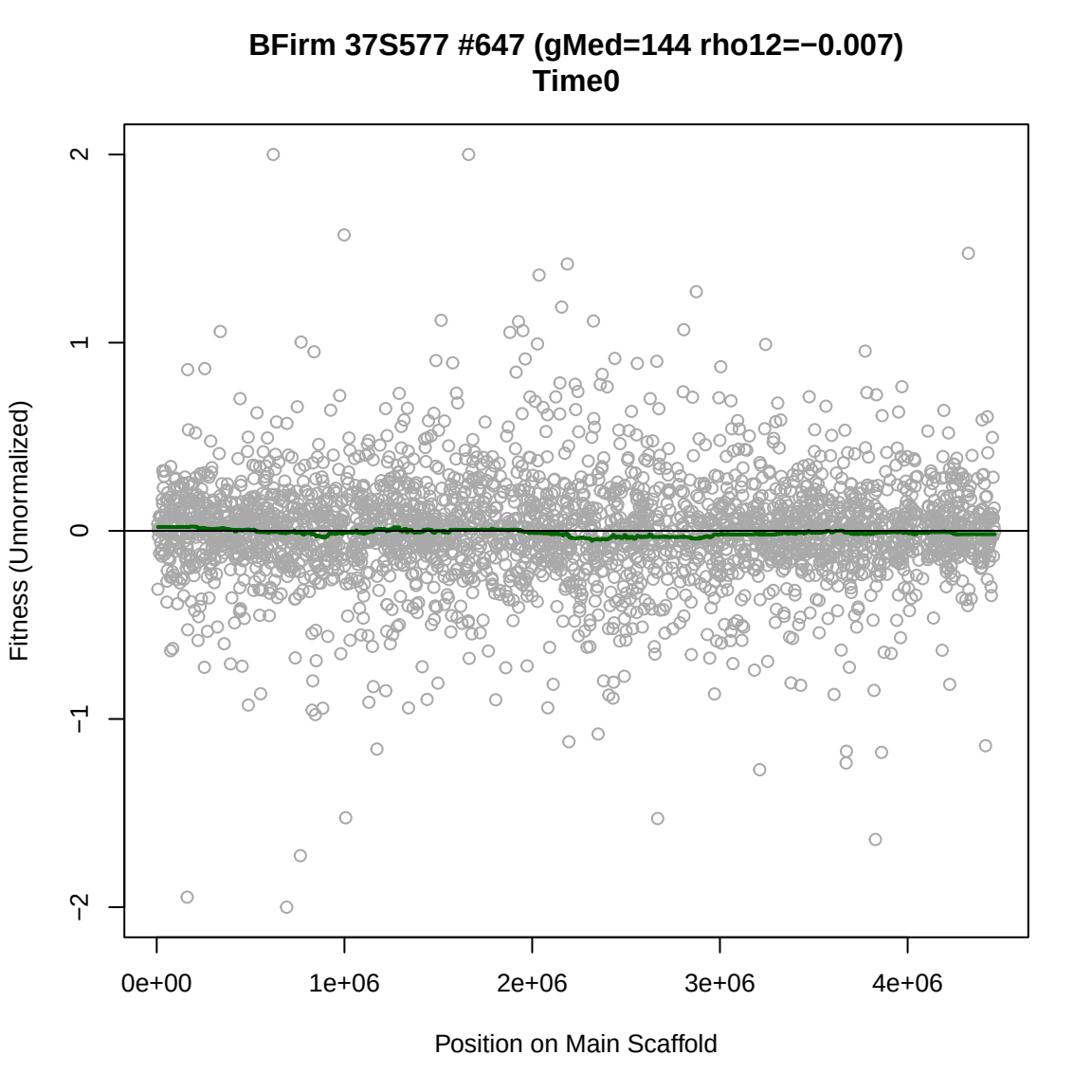

BFirm 36S452 #642 (gMed=0 rho12=0.135)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

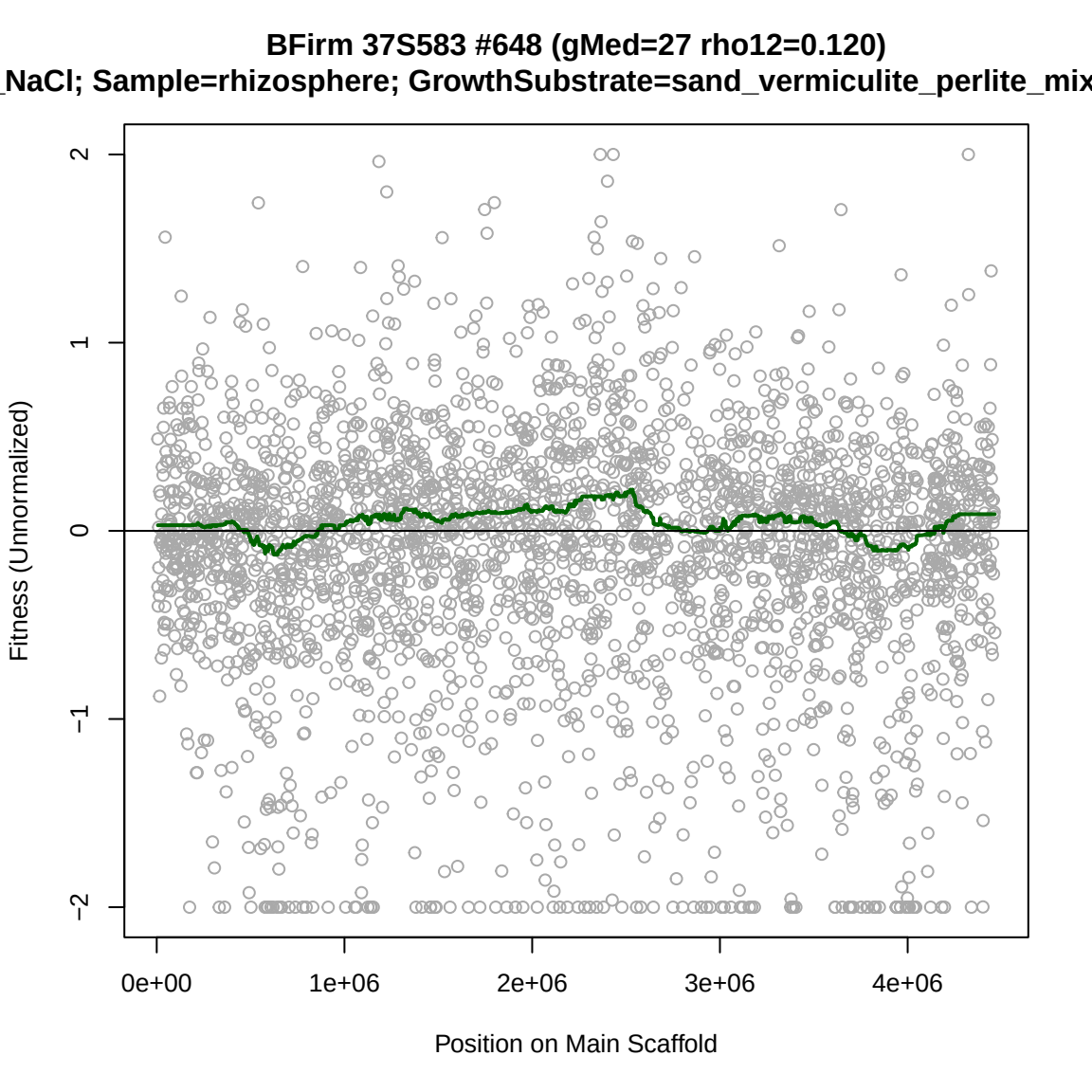

BFirm 36S453 #643 (gMed=0 rho12=0.096)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

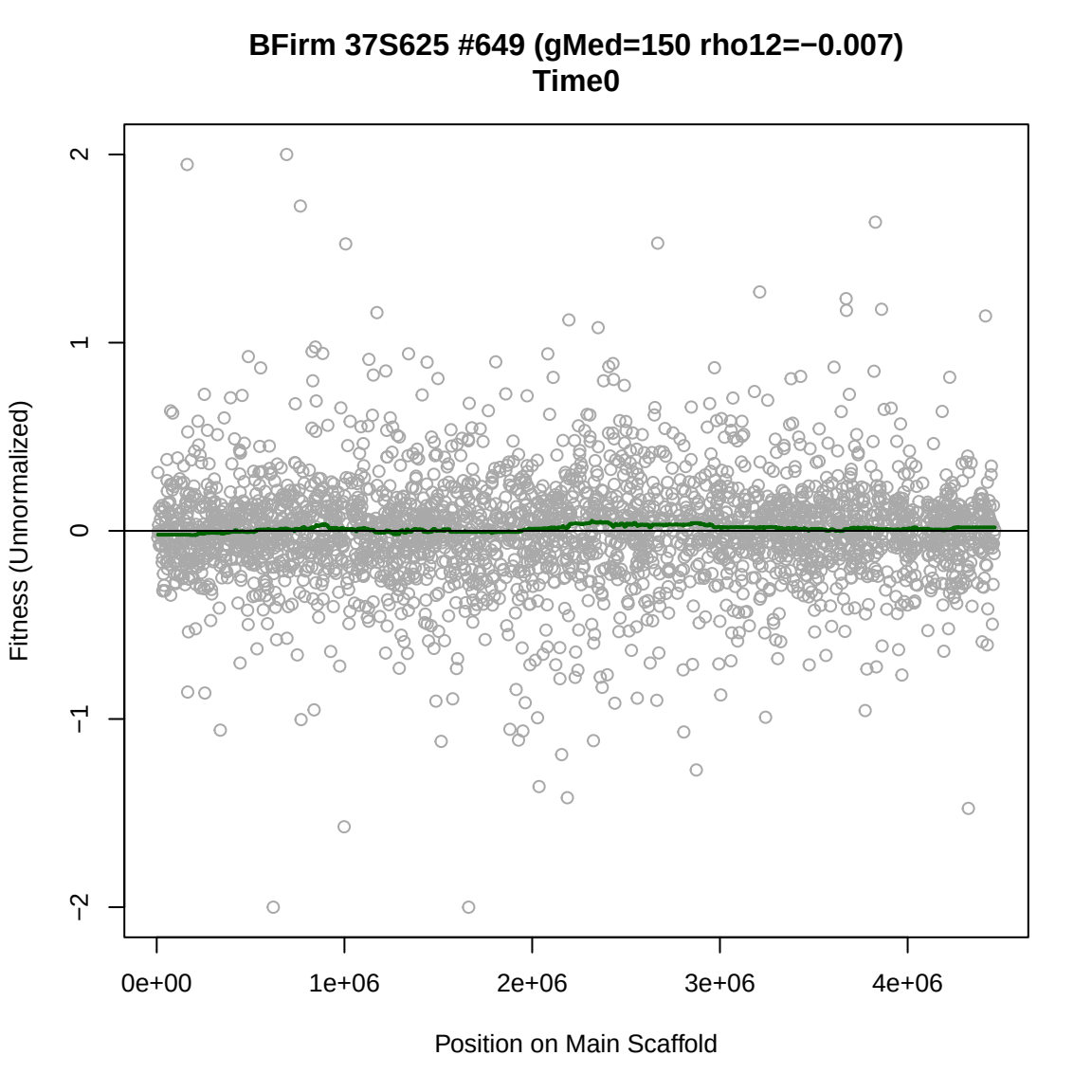

BFirm 36S454 #644 (gMed=0 rho12=0.119)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

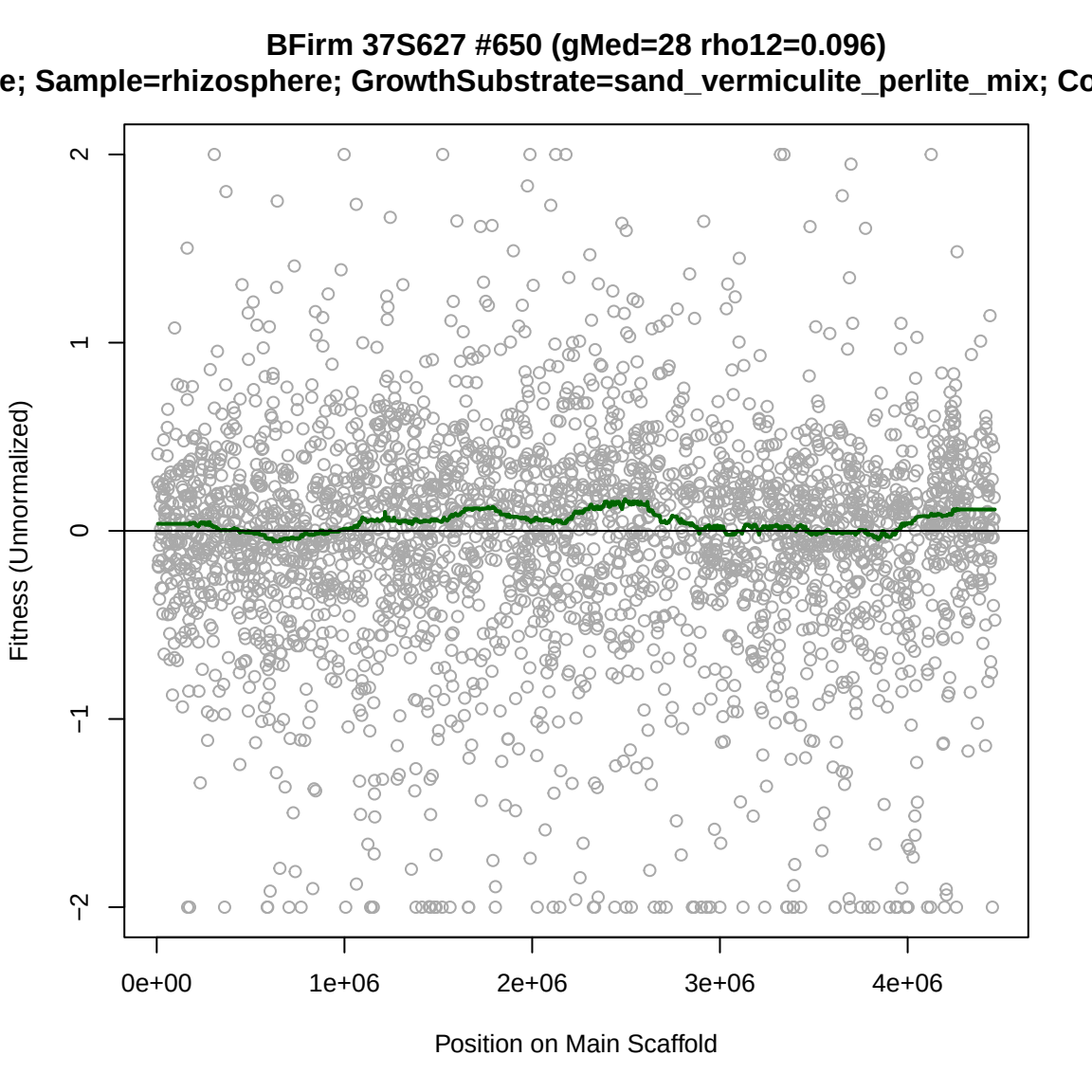

BFirm 36S455 #645 (gMed=0 rho12=0.126)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

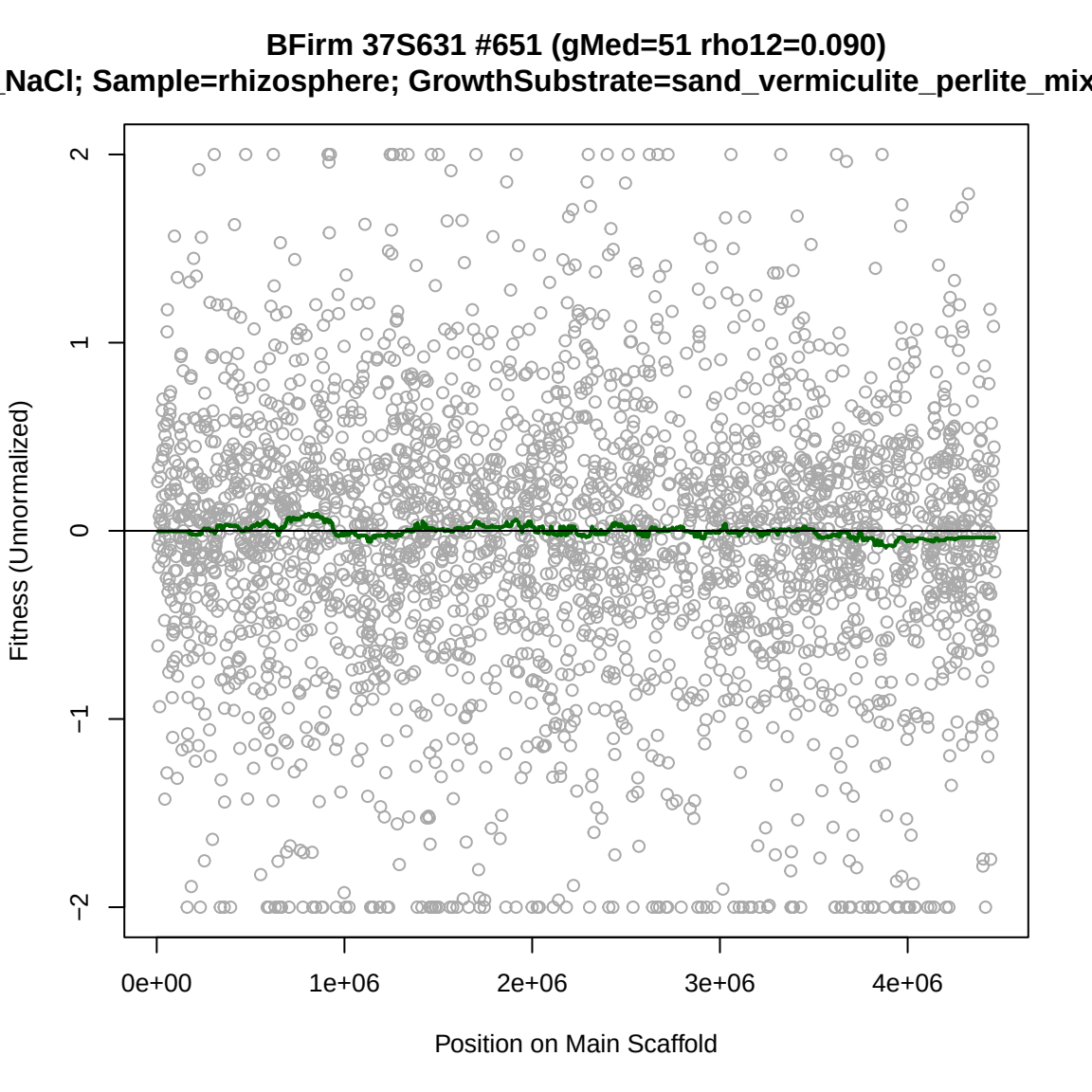

BFirm 36S456 #646 (gMed=0 rho12=0.141)
ndosphere from sorghum RTx_430 plants, grown 2 months, low phosphate;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

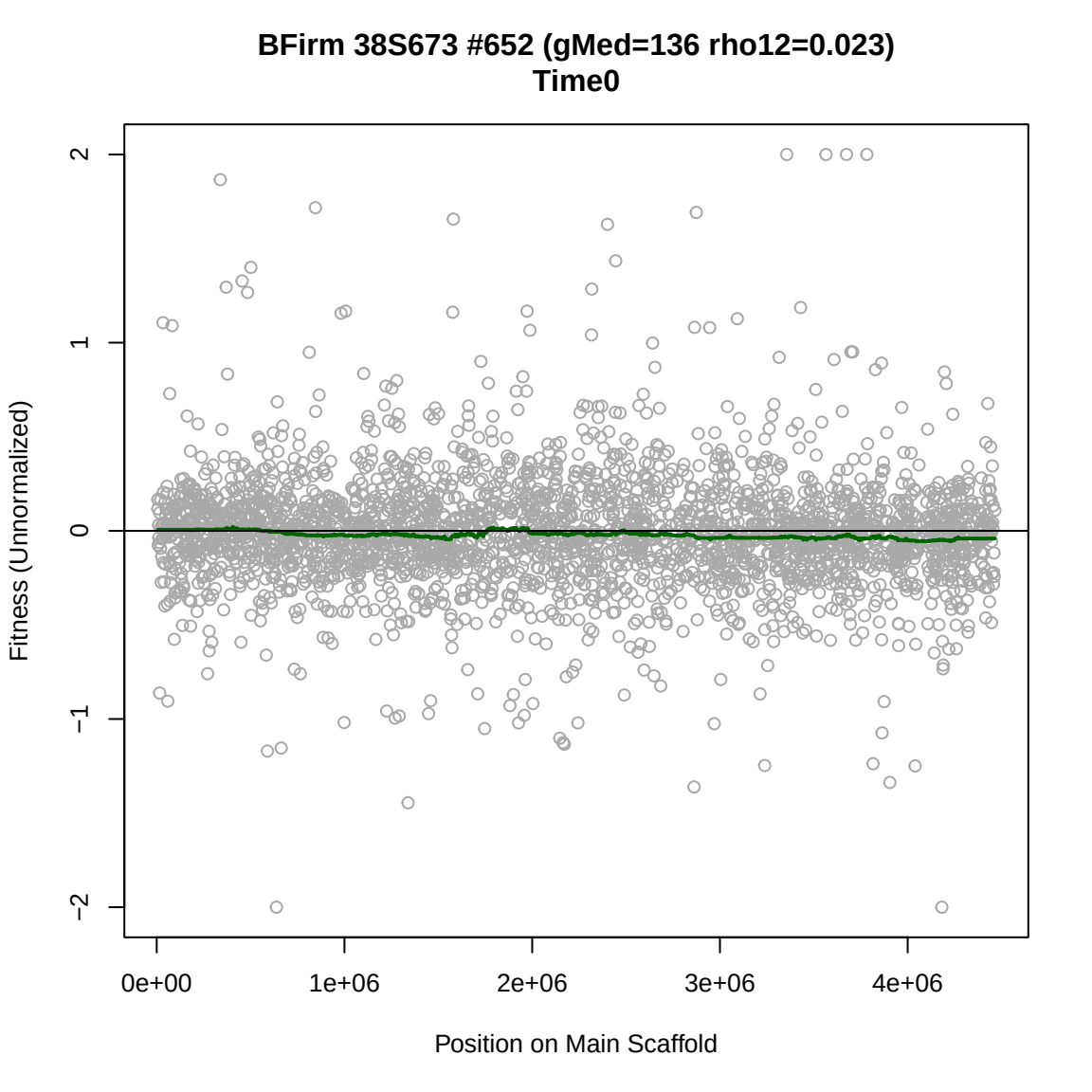

BFirm 37S577 #647 (gMed=144 rho12=−0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

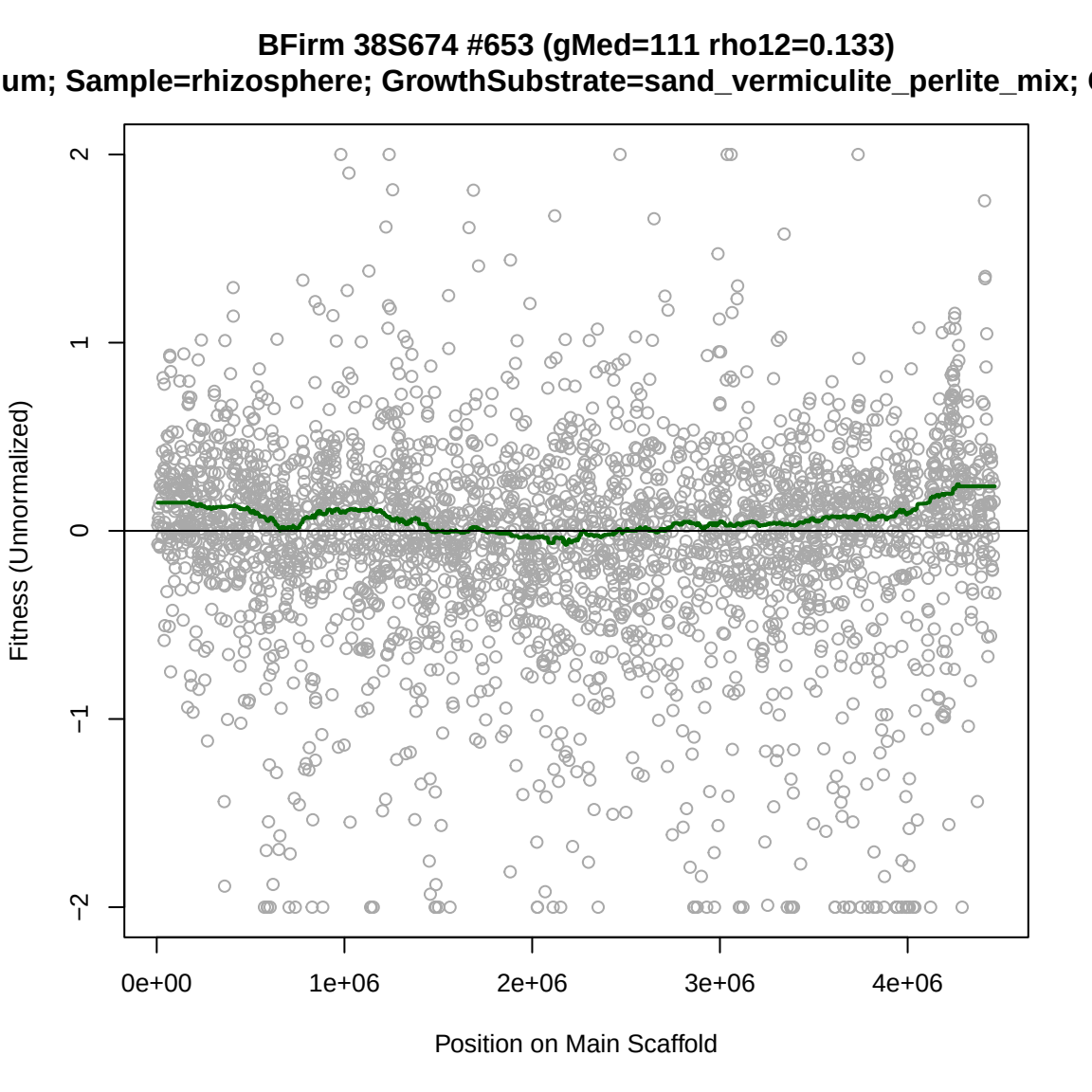

BFirm 37S583 #648 (gMed=27 rho12=0.120)
_NaCl; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

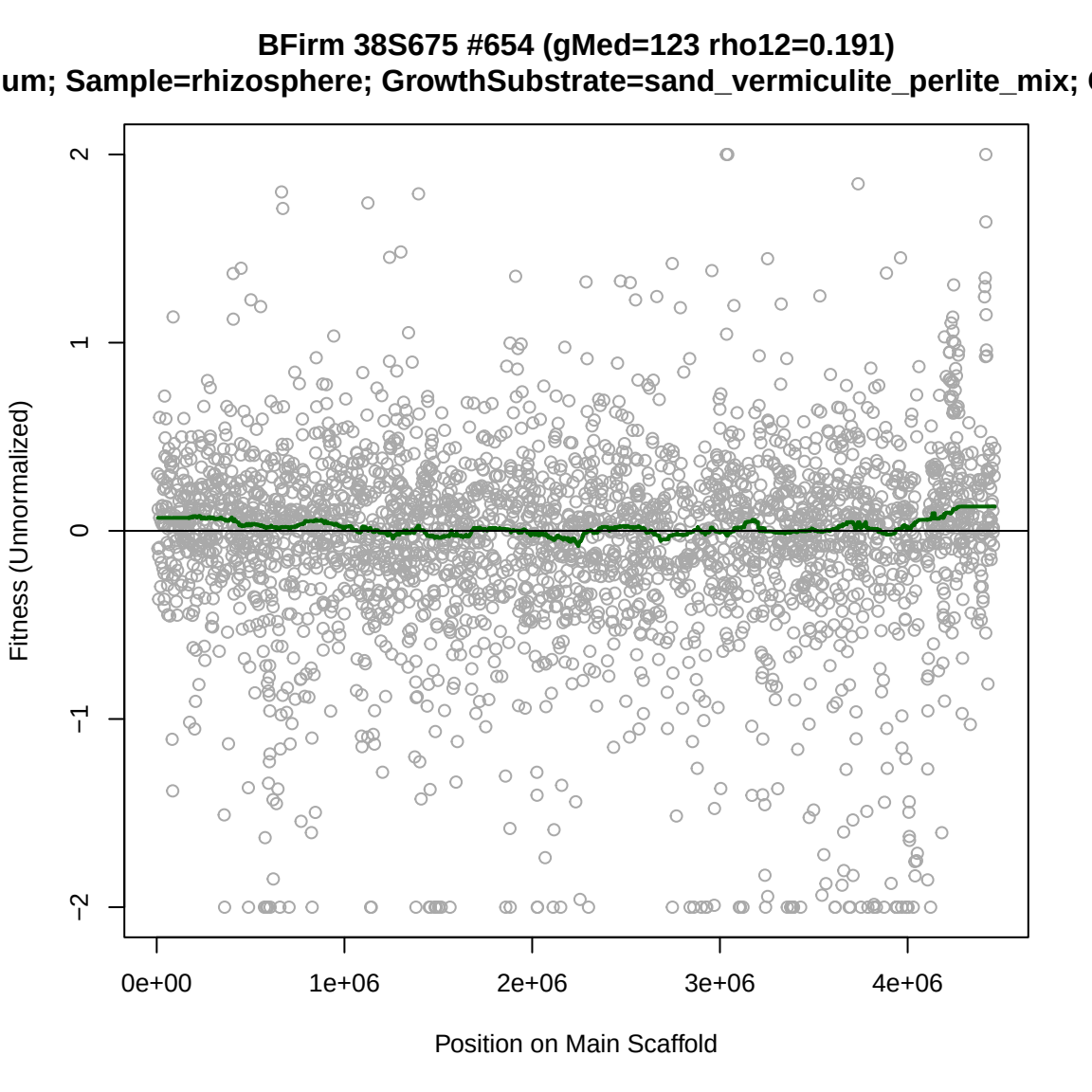

BFirm 37S625 #649 (gMed=150 rho12=−0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

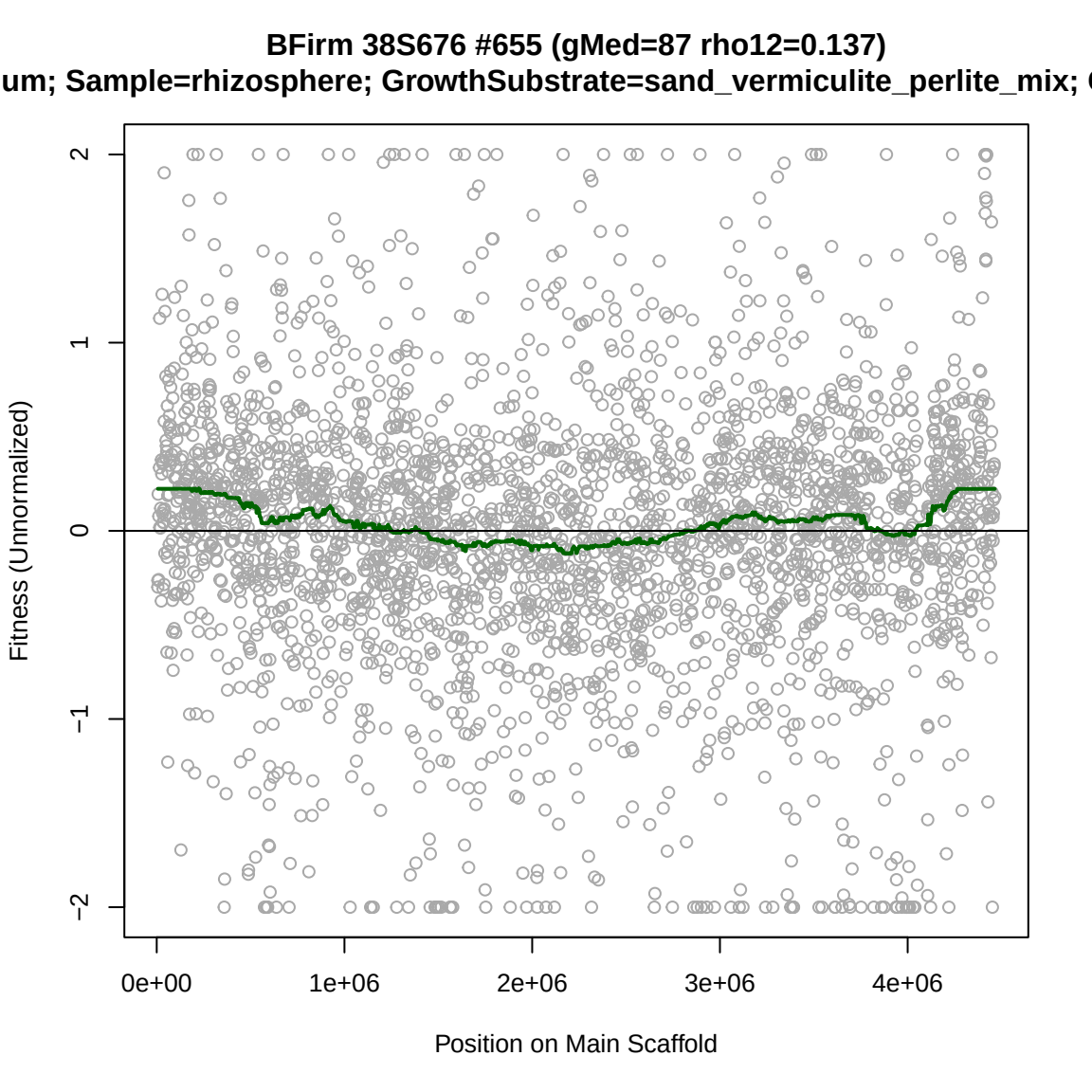

BFirm 37S627 #650 (gMed=28 rho12=0.096)
e; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix; Co
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

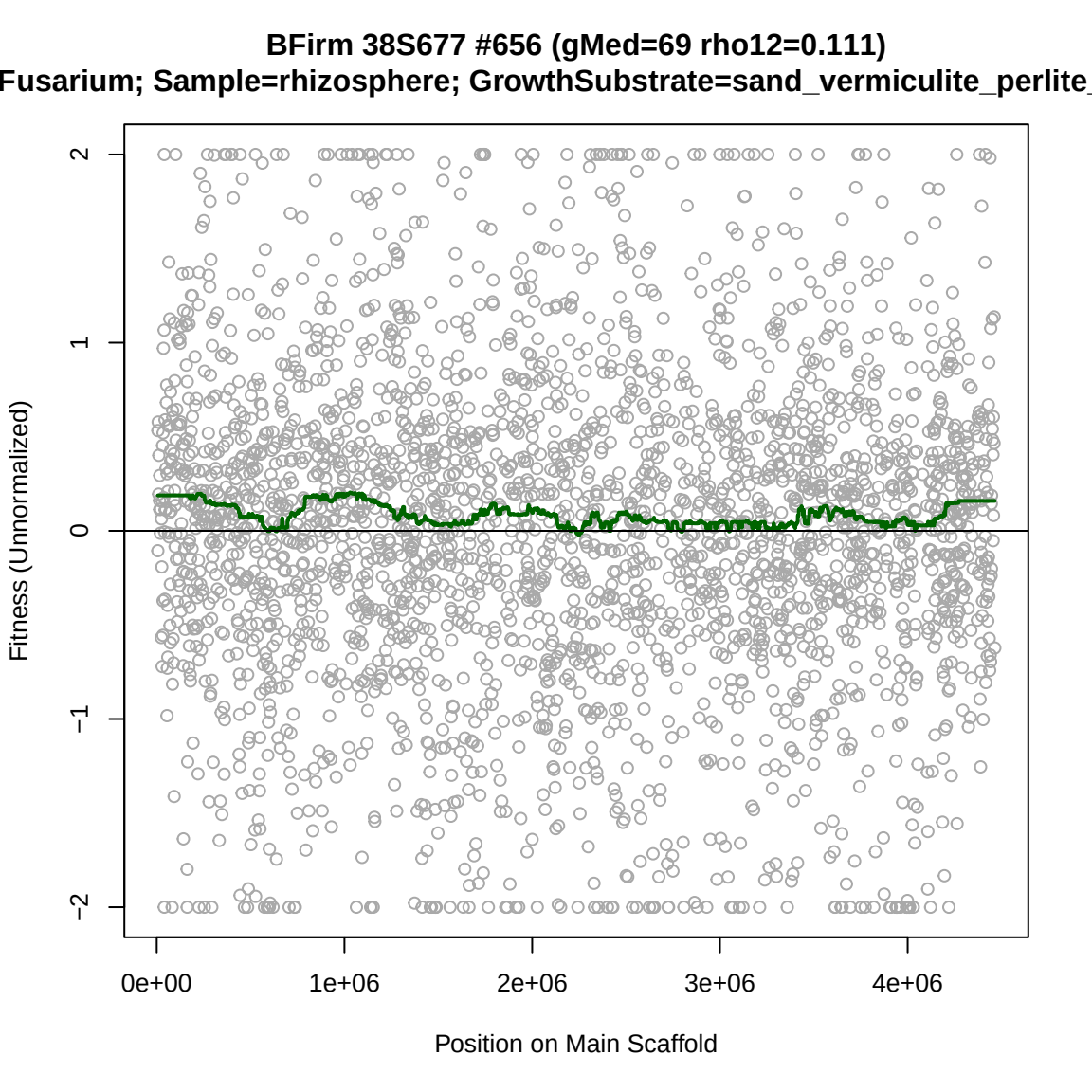

BFirm 37S631 #651 (gMed=51 rho12=0.090)
_NaCl; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

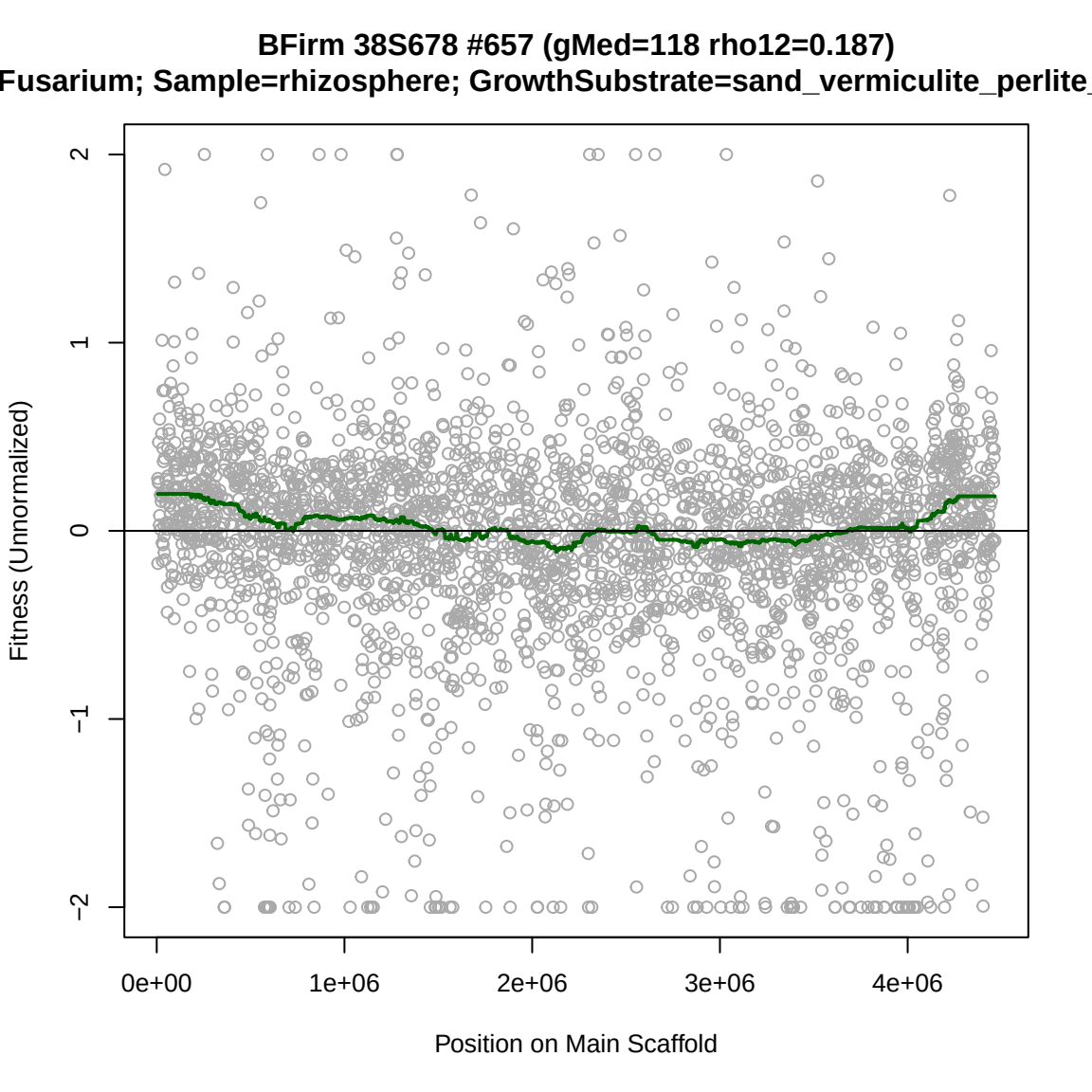

BFirm 38S673 #652 (gMed=136 rho12=0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

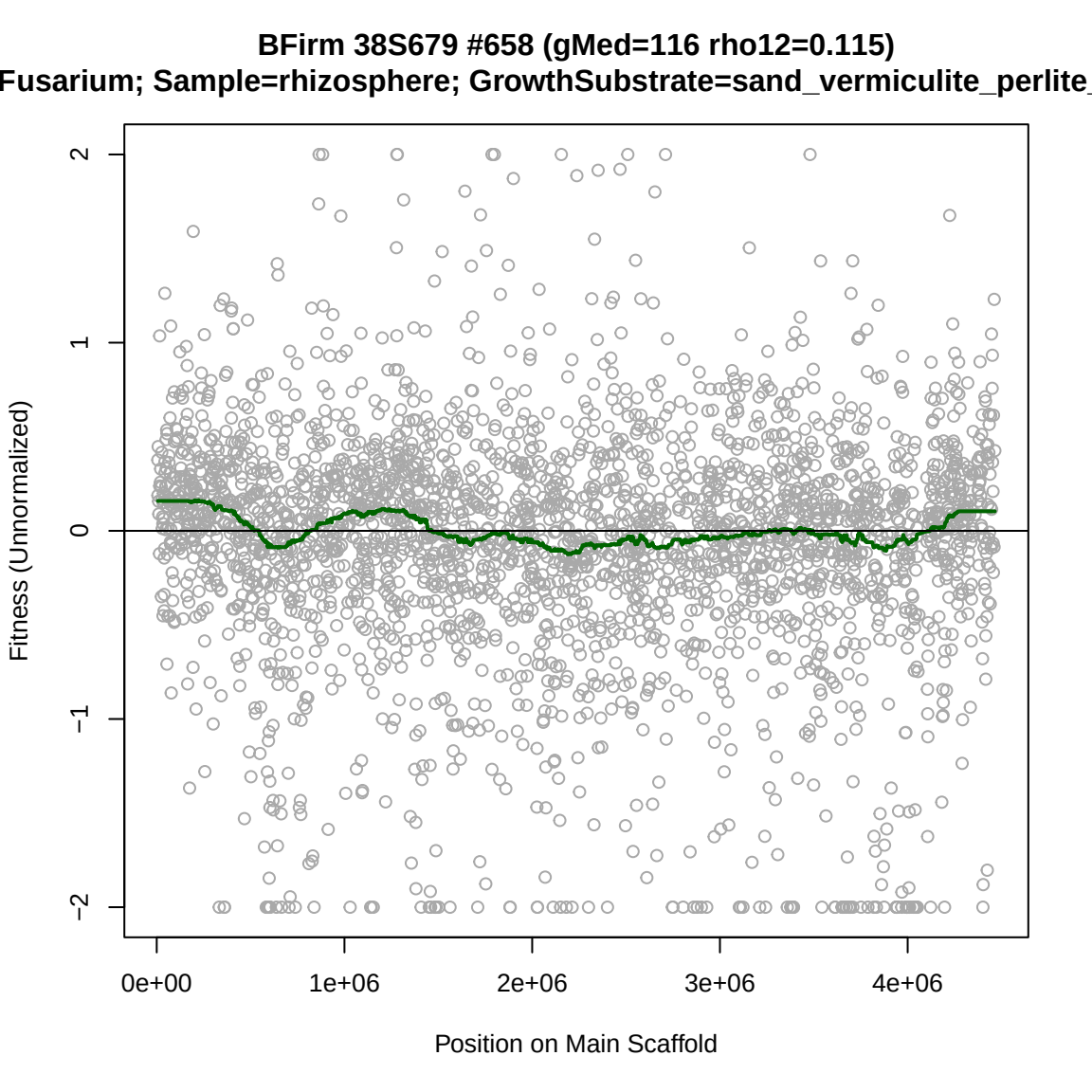

BFirm 38S674 #653 (gMed=111 rho12=0.133)
um; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

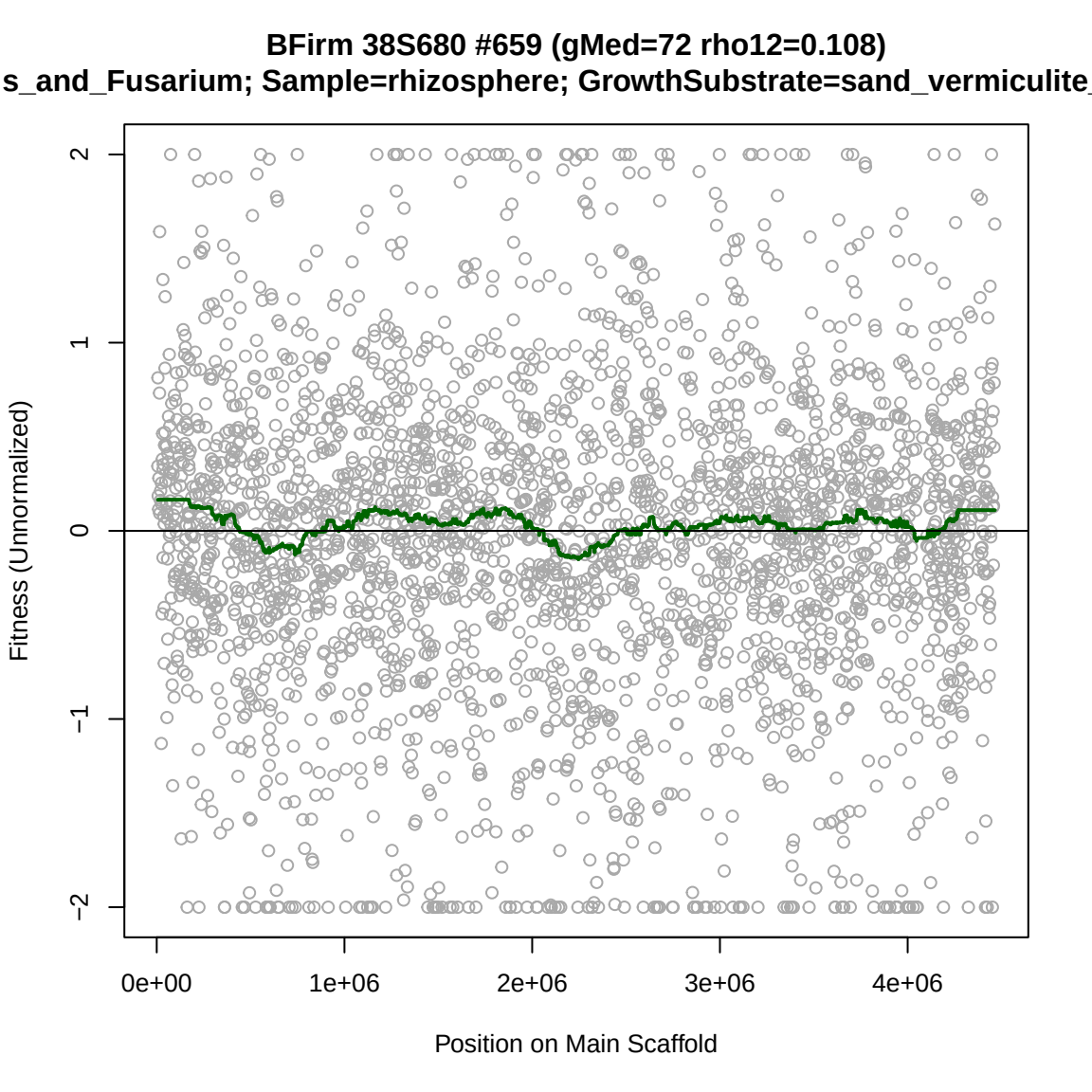

BFirm 38S675 #654 (gMed=123 rho12=0.191)
um; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

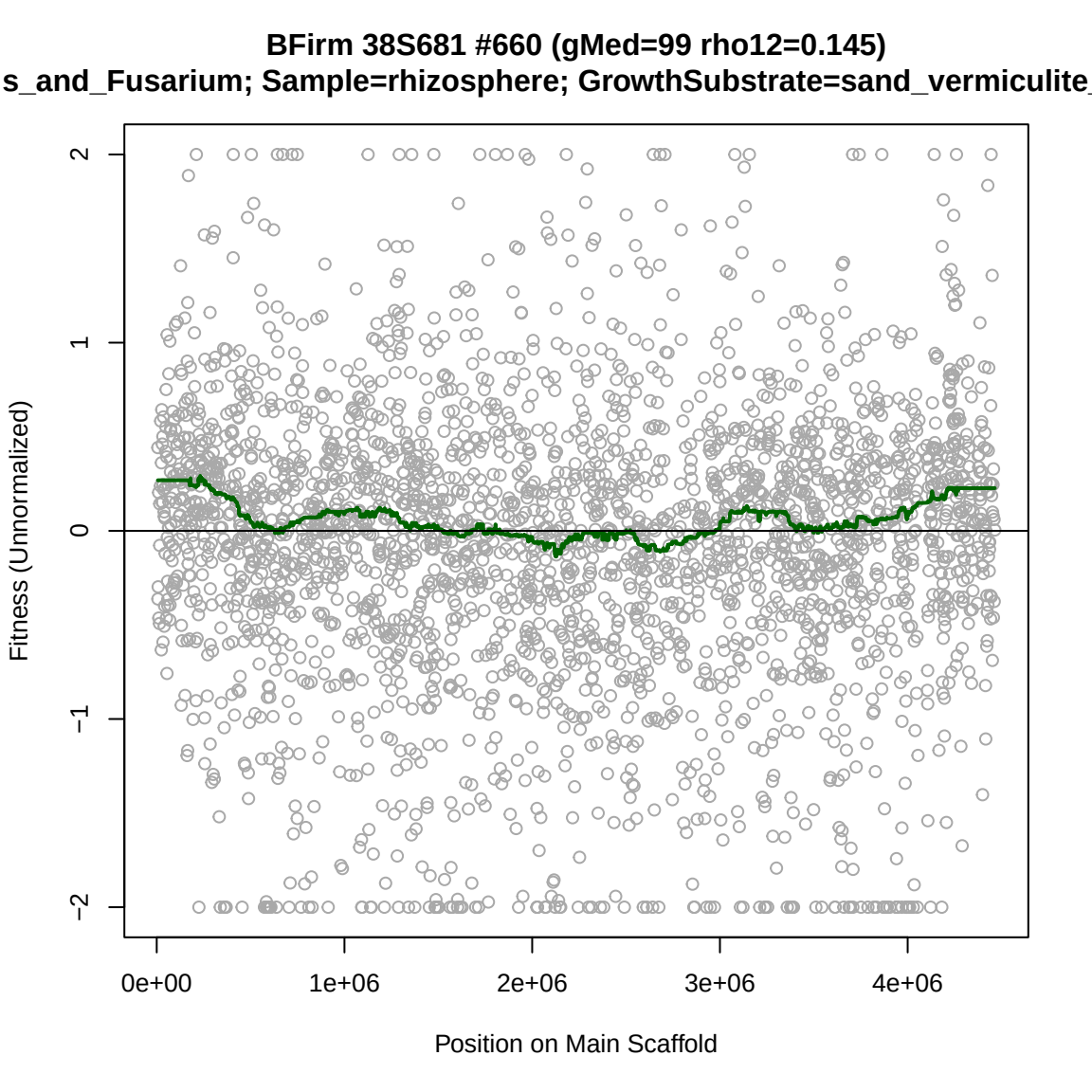

BFirm 38S676 #655 (gMed=87 rho12=0.137)
um; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

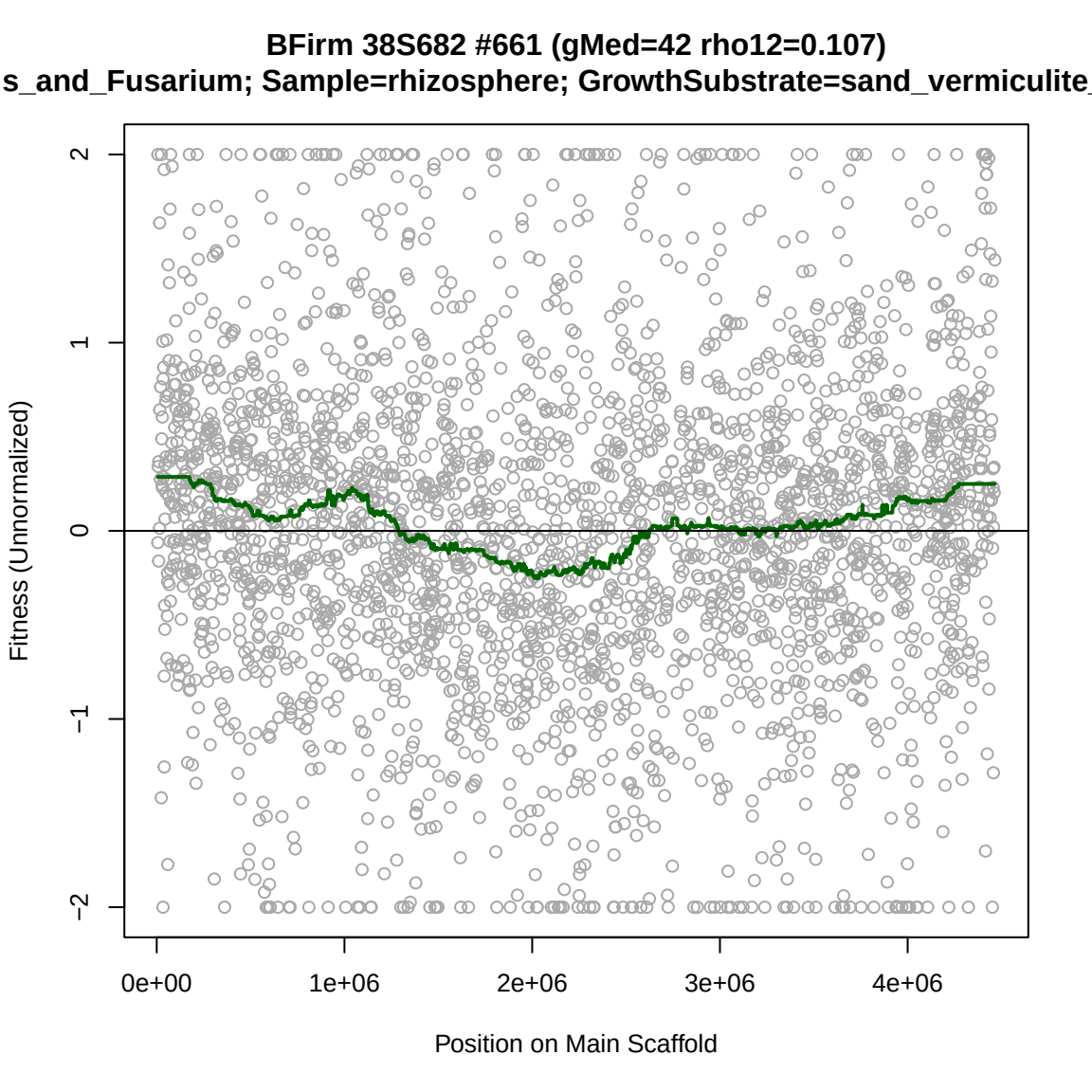

BFirm 38S677 #656 (gMed=69 rho12=0.111)
Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

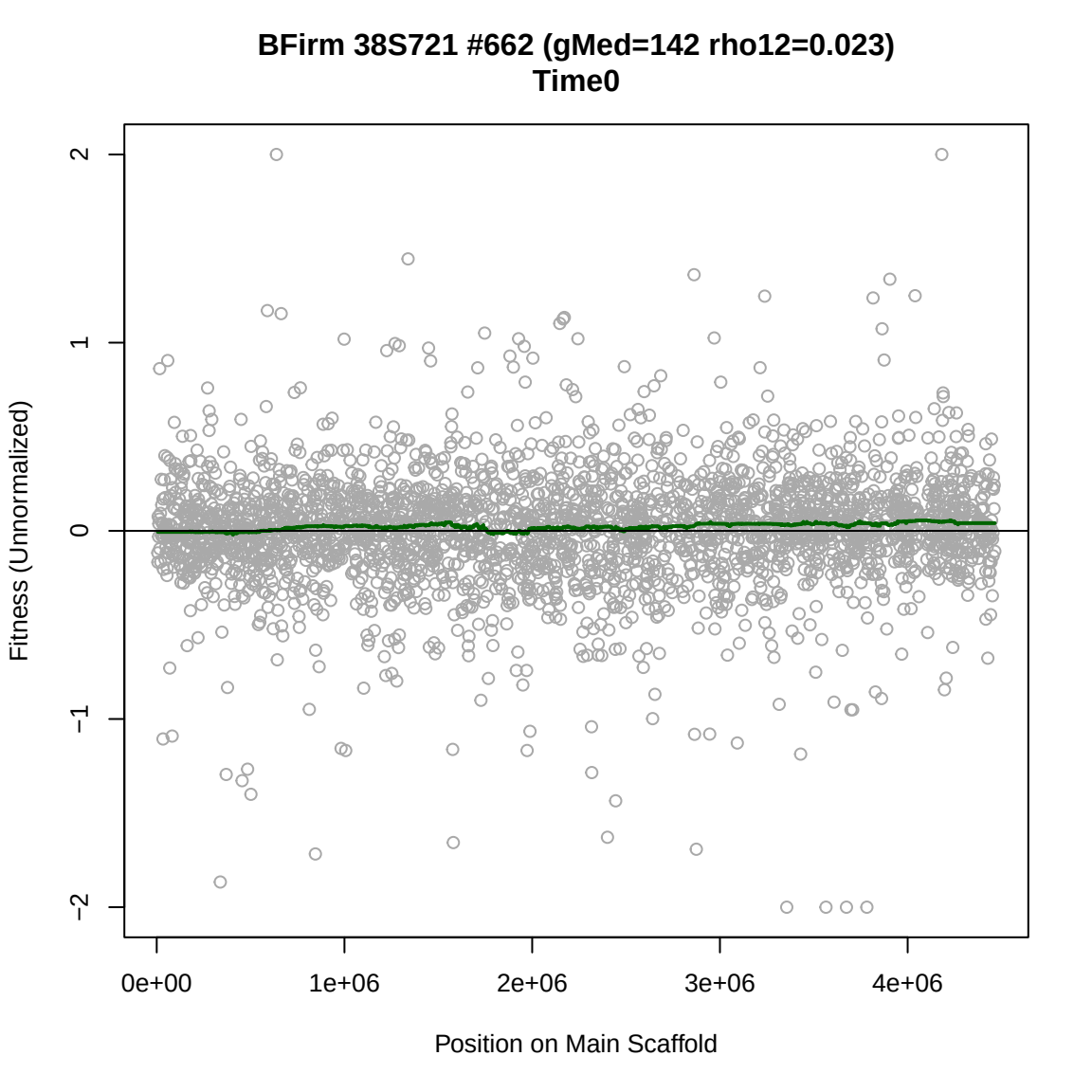

BFirm 38S678 #657 (gMed=118 rho12=0.187)
Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

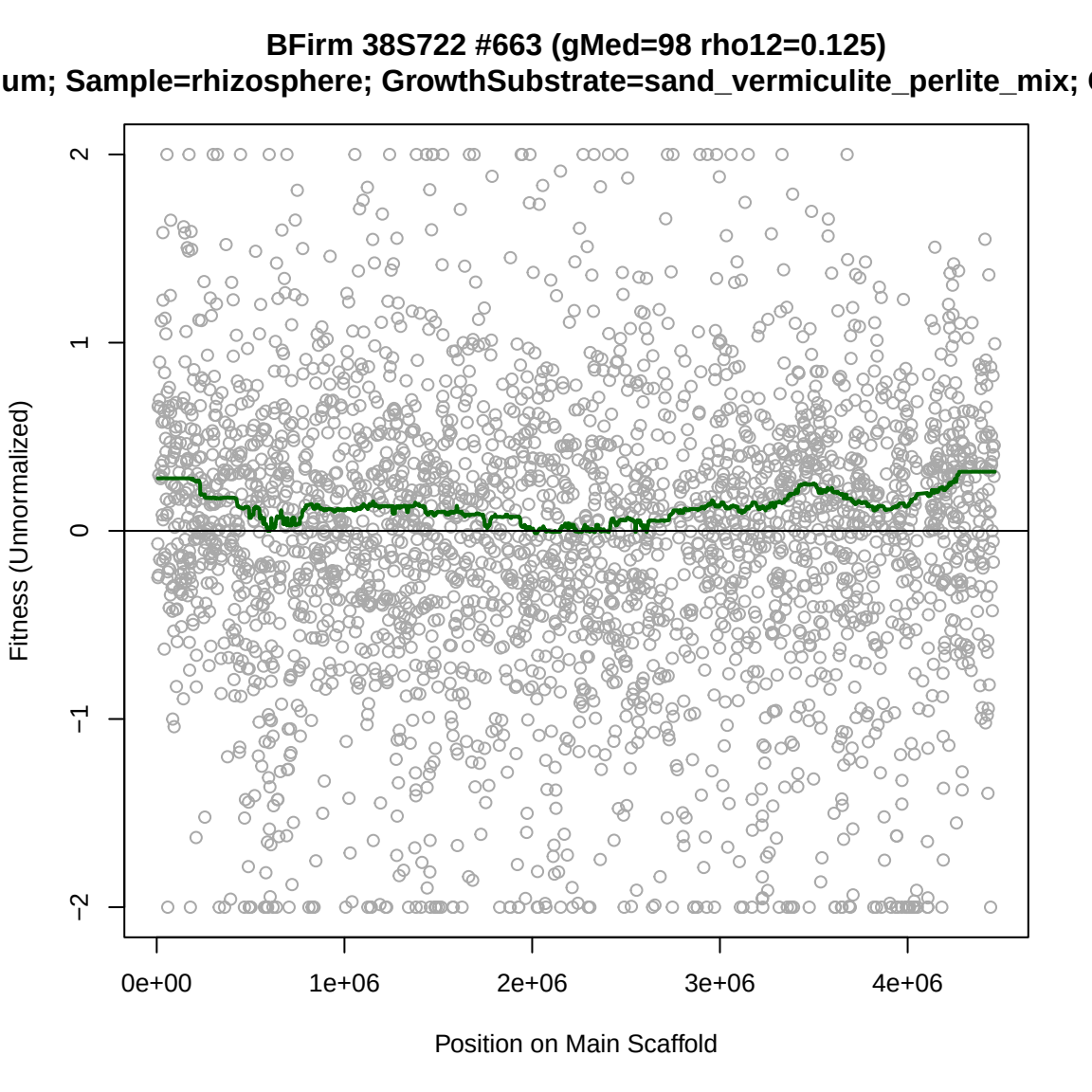

BFirm 38S679 #658 (gMed=116 rho12=0.115)
Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

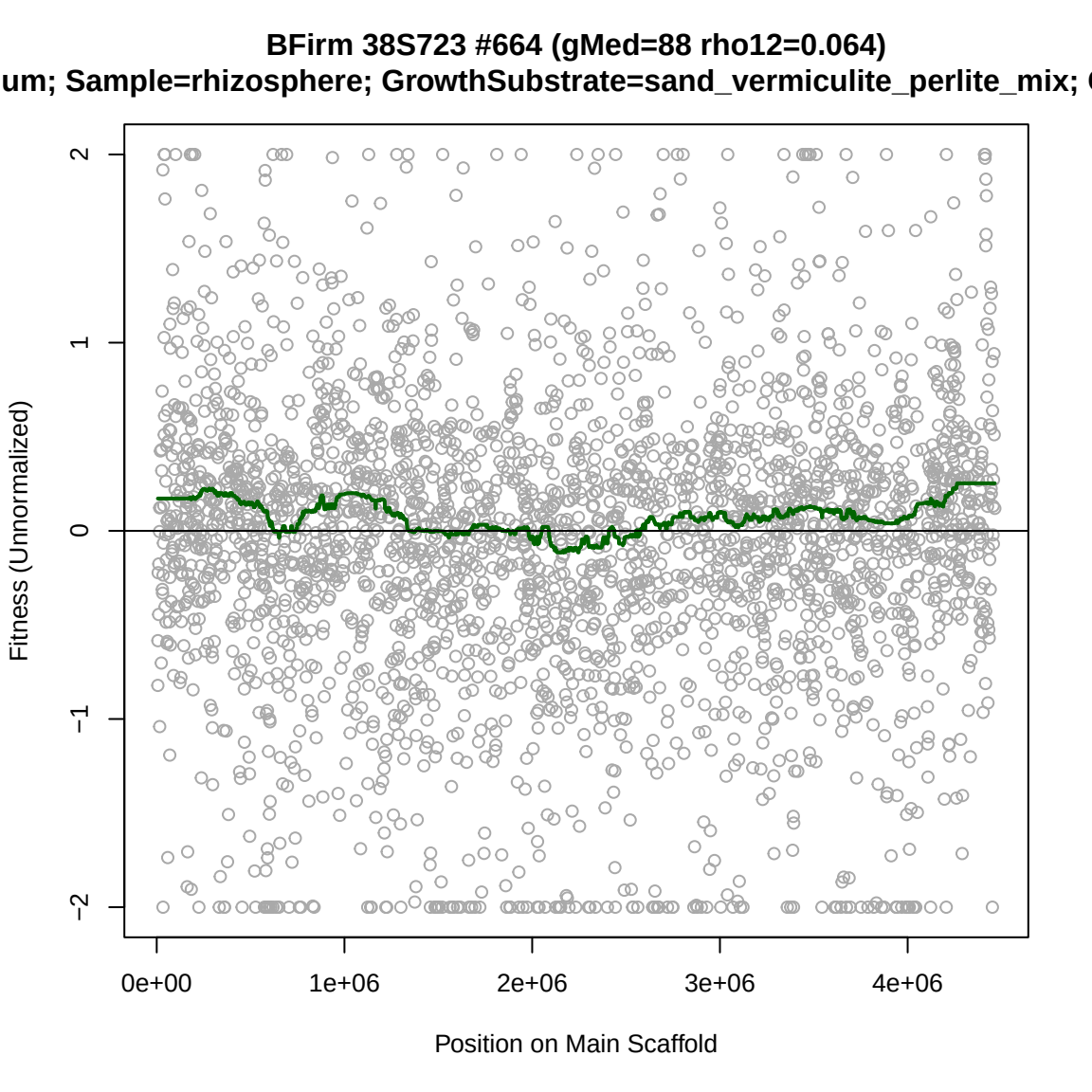

BFirm 38S680 #659 (gMed=72 rho12=0.108)
s_and_Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

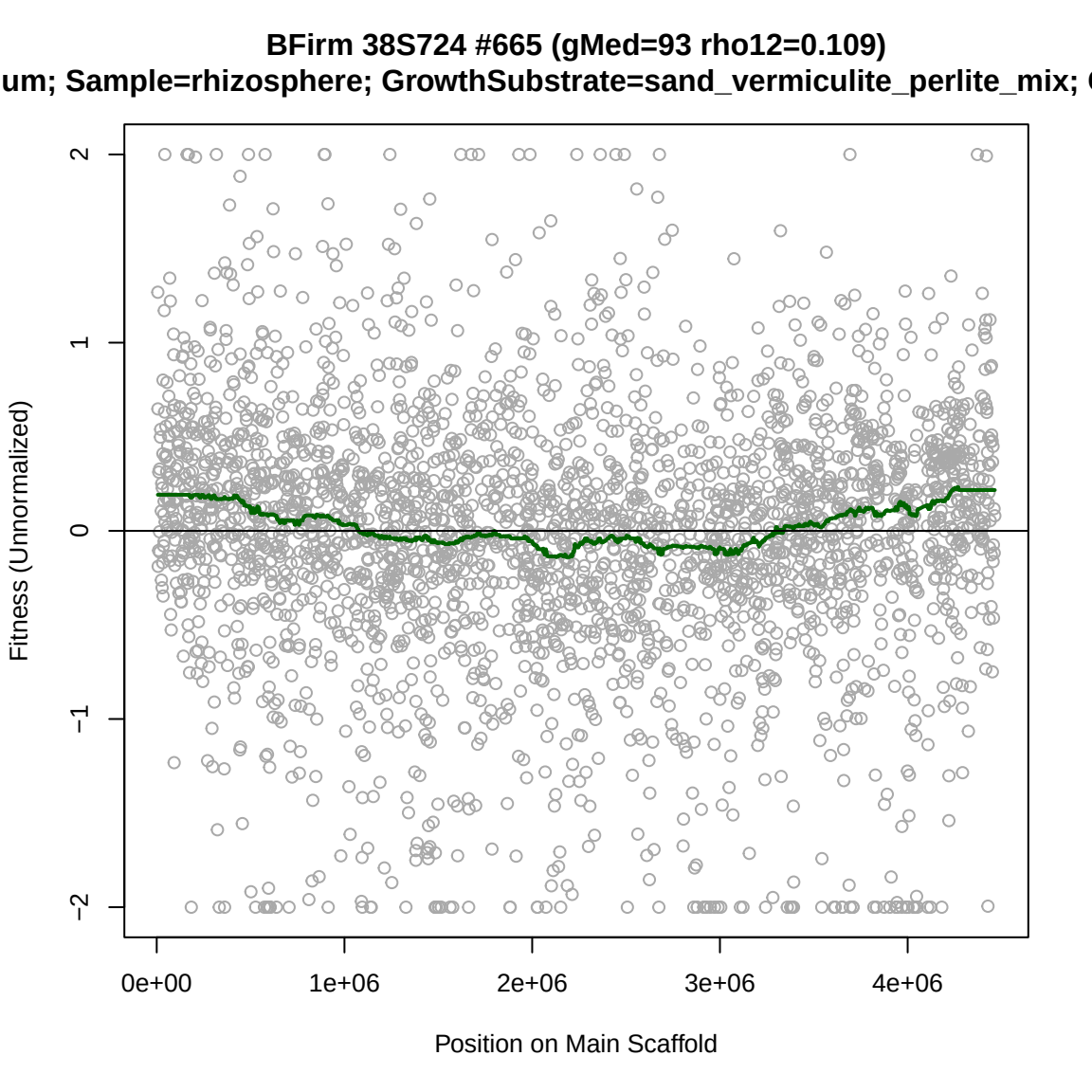

BFirm 38S681 #660 (gMed=99 rho12=0.145)
s_and_Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

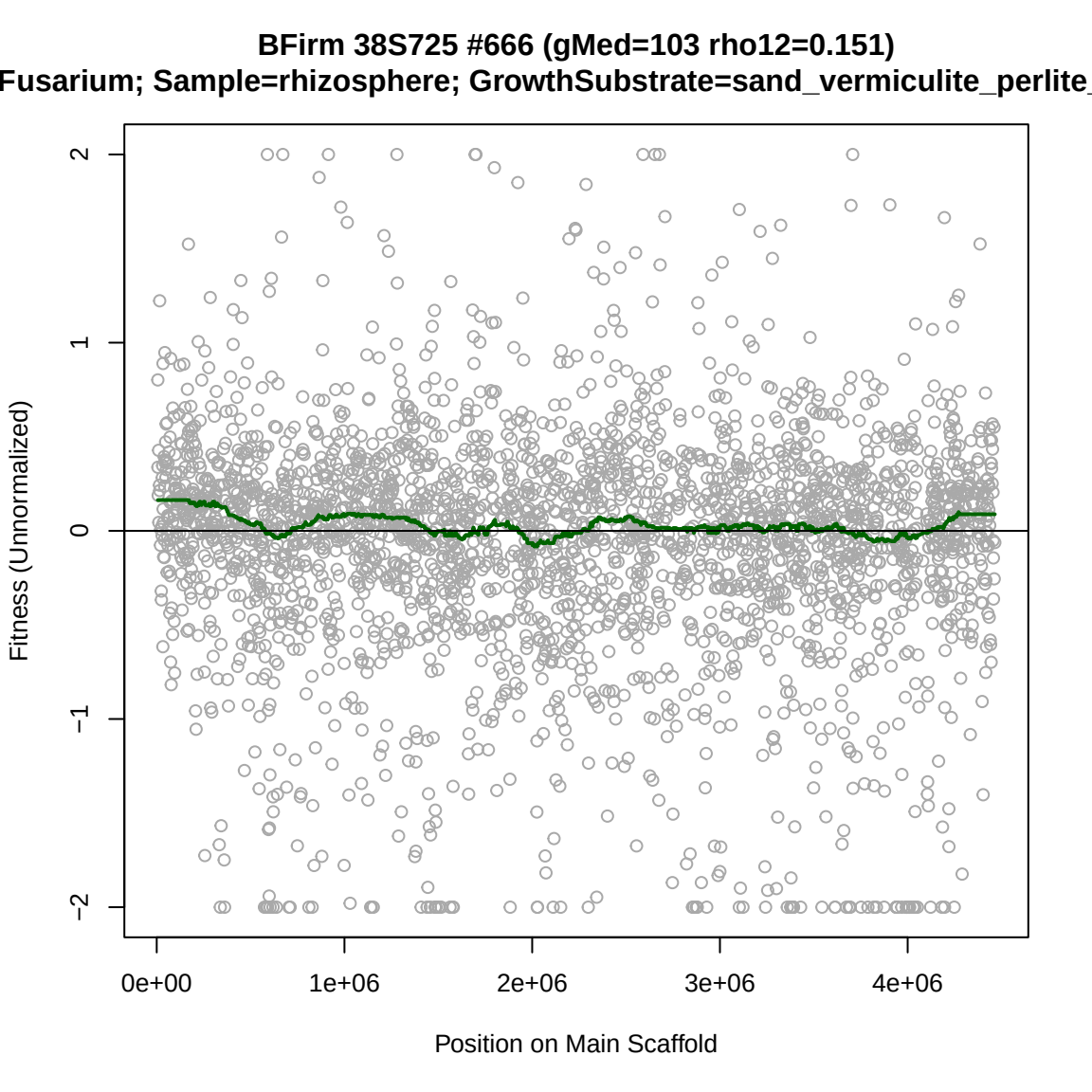

BFirm 38S682 #661 (gMed=42 rho12=0.107)
s_and_Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

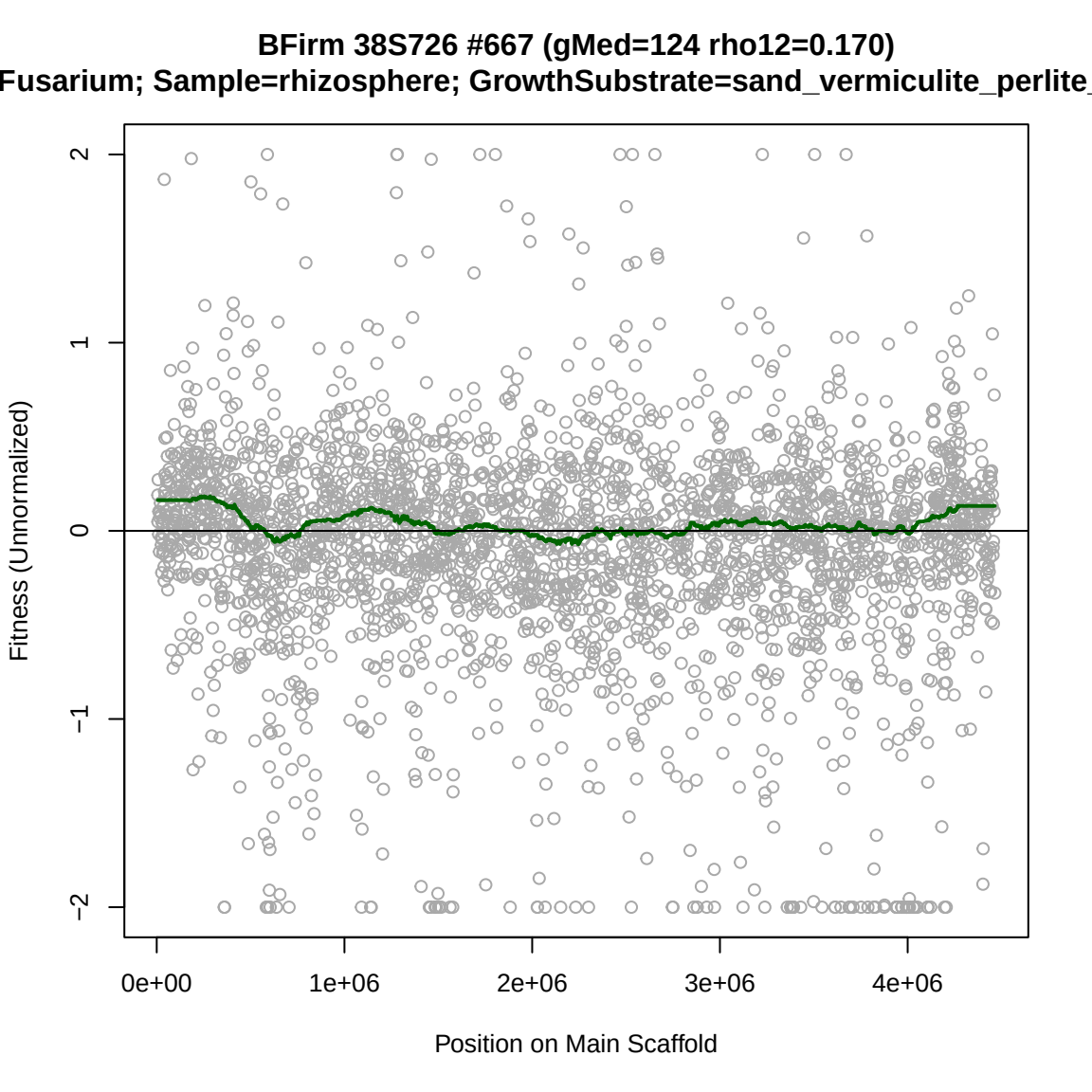

BFirm 38S721 #662 (gMed=142 rho12=0.023)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

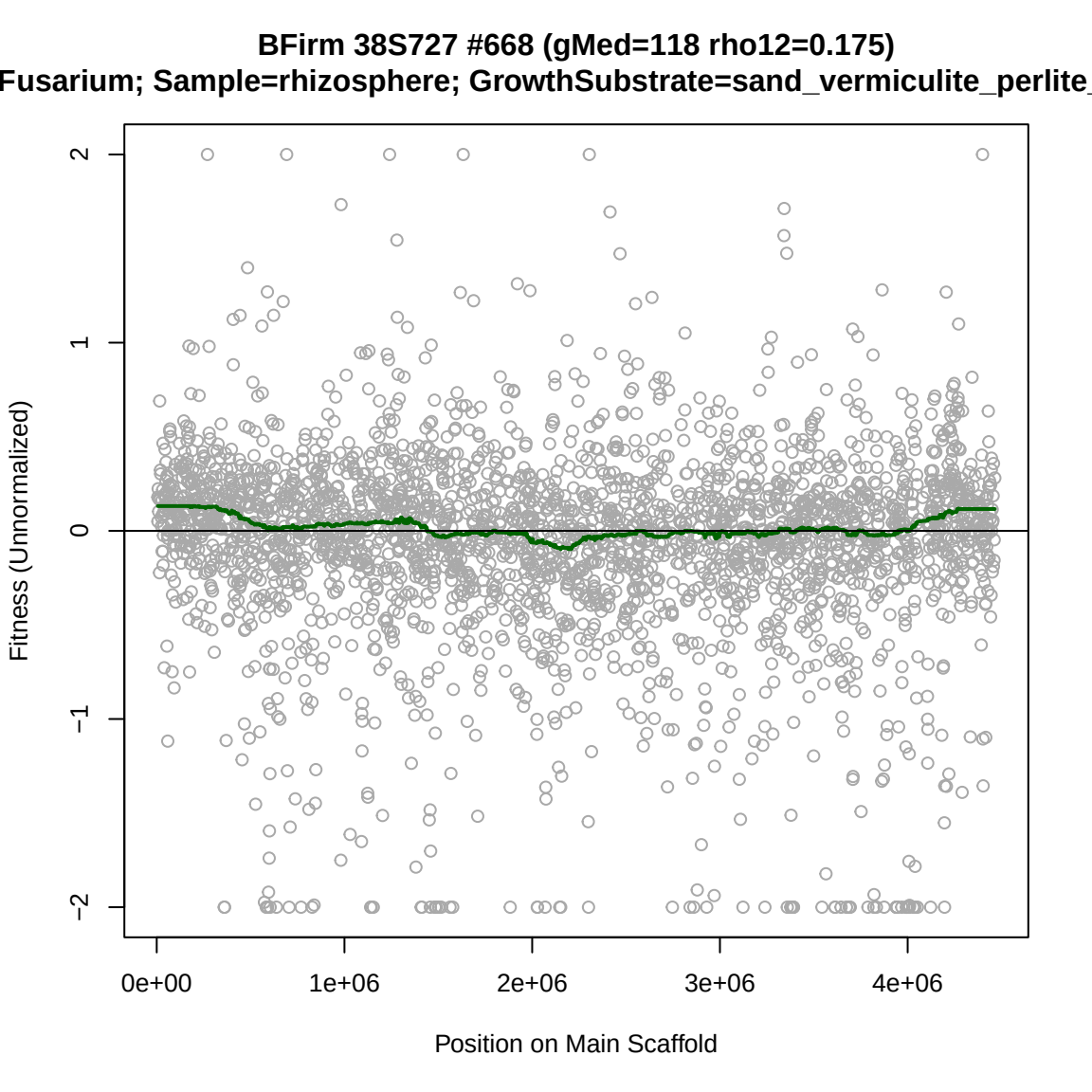

BFirm 38S722 #663 (gMed=98 rho12=0.125)
um; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

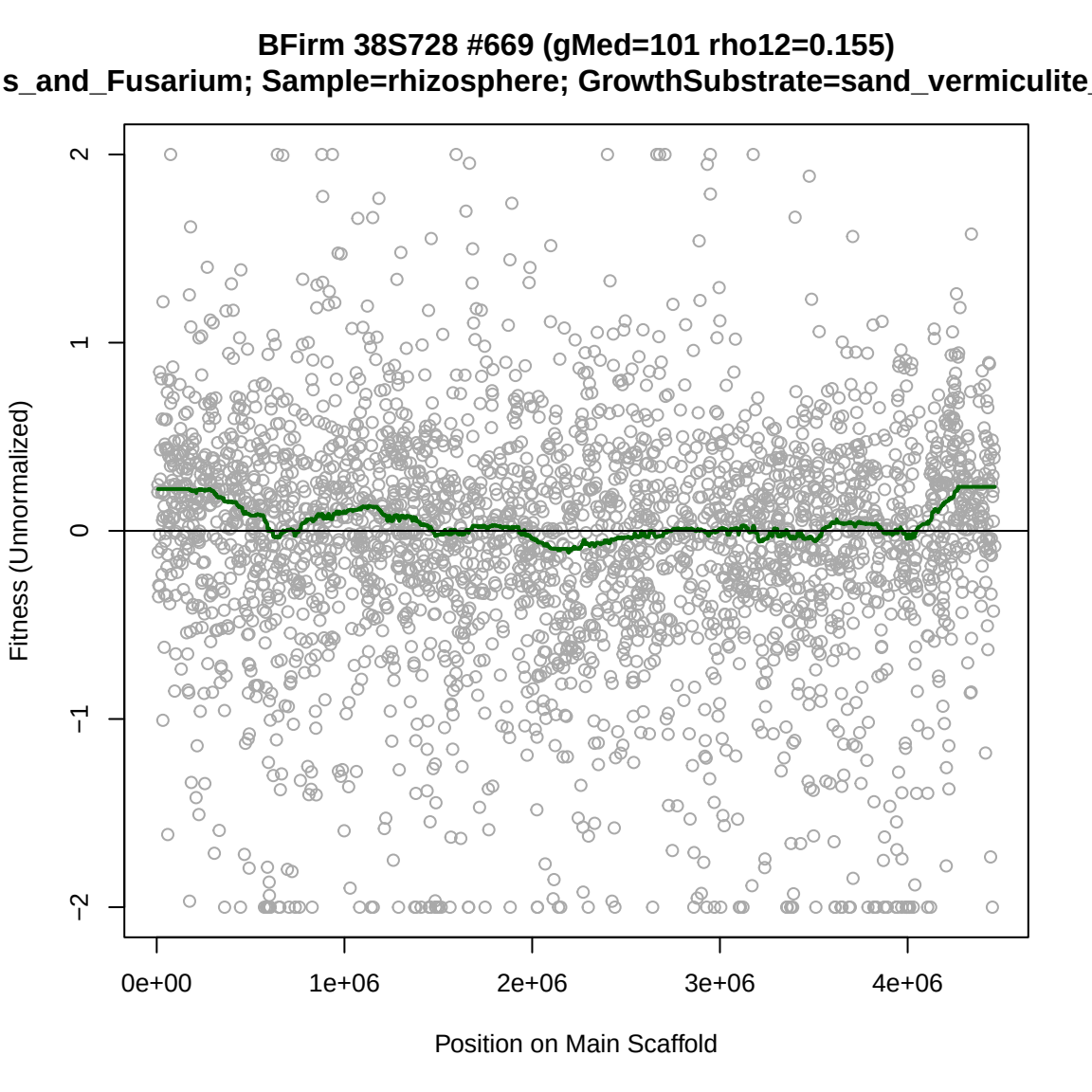

BFirm 38S723 #664 (gMed=88 rho12=0.064)
um; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

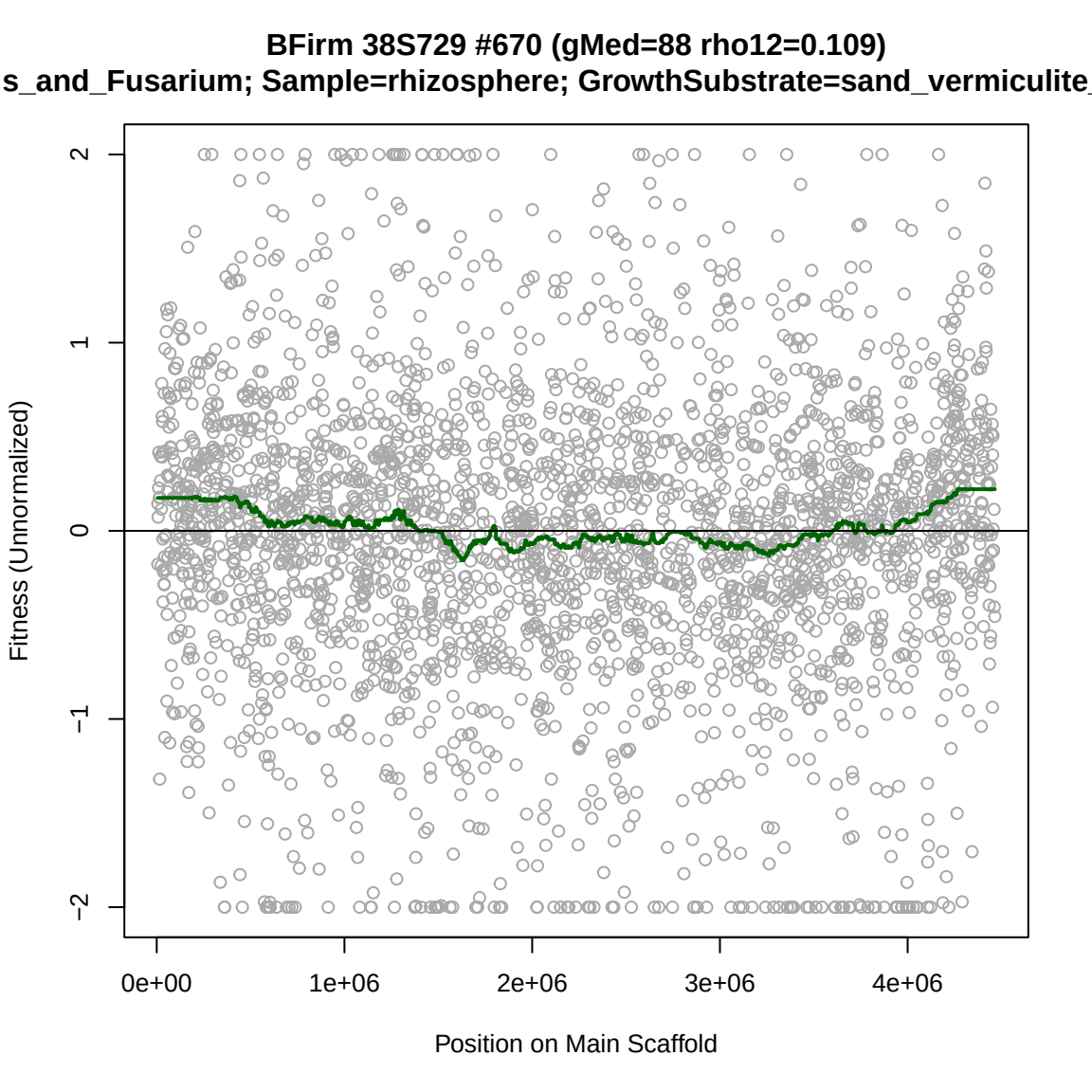

BFirm 38S724 #665 (gMed=93 rho12=0.109)
um; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_mix;
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

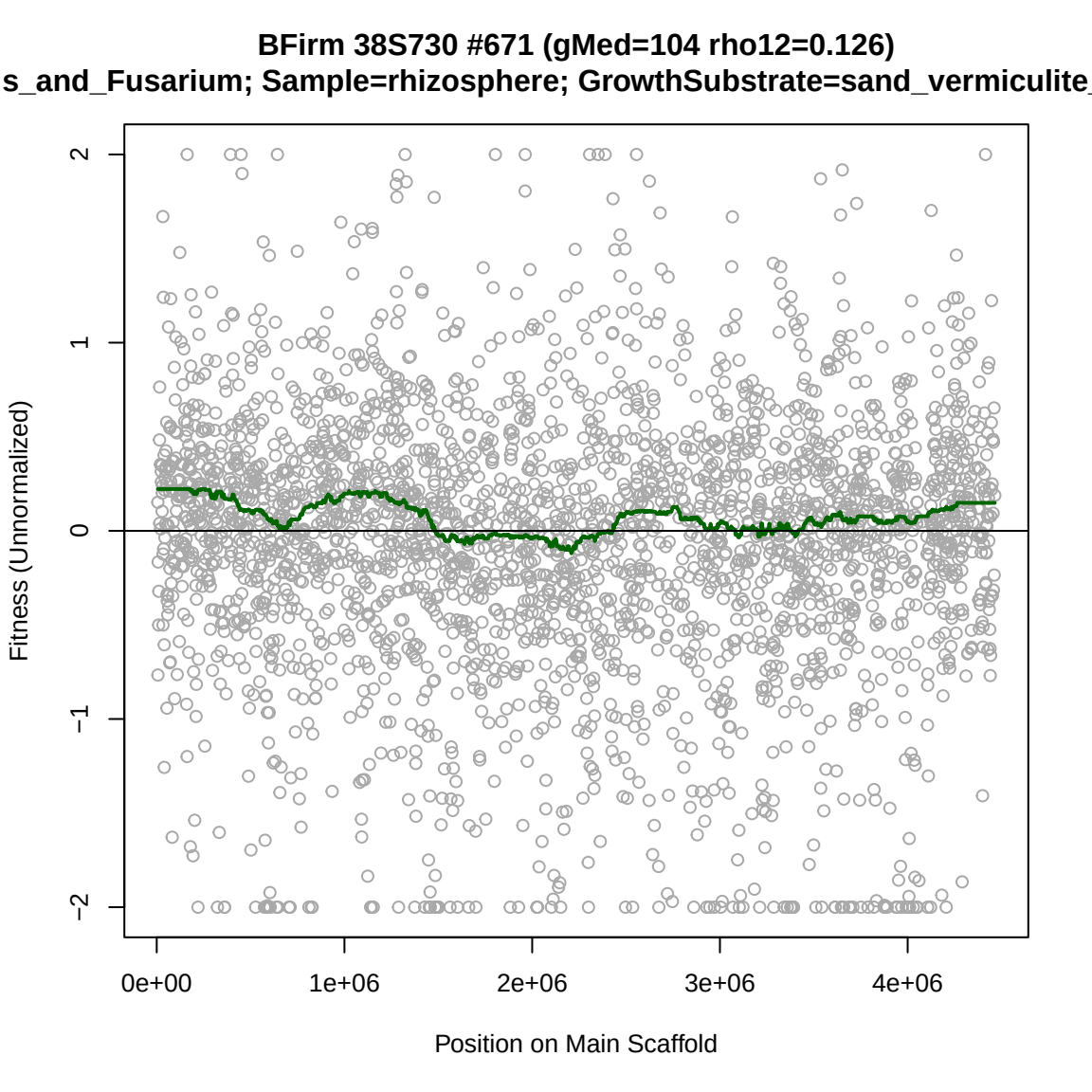

BFirm 38S725 #666 (gMed=103 rho12=0.151)
Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

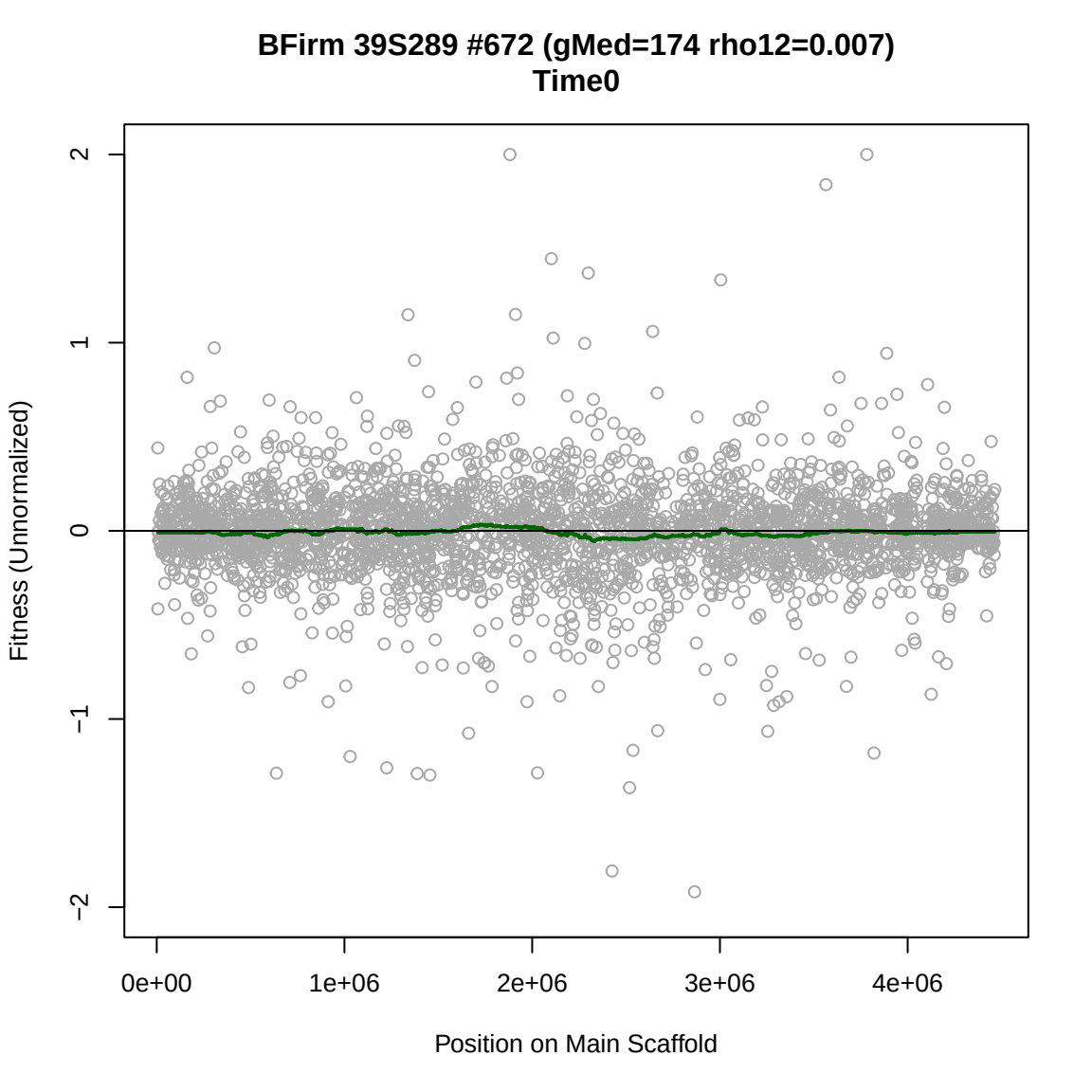

BFirm 38S726 #667 (gMed=124 rho12=0.170)
Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

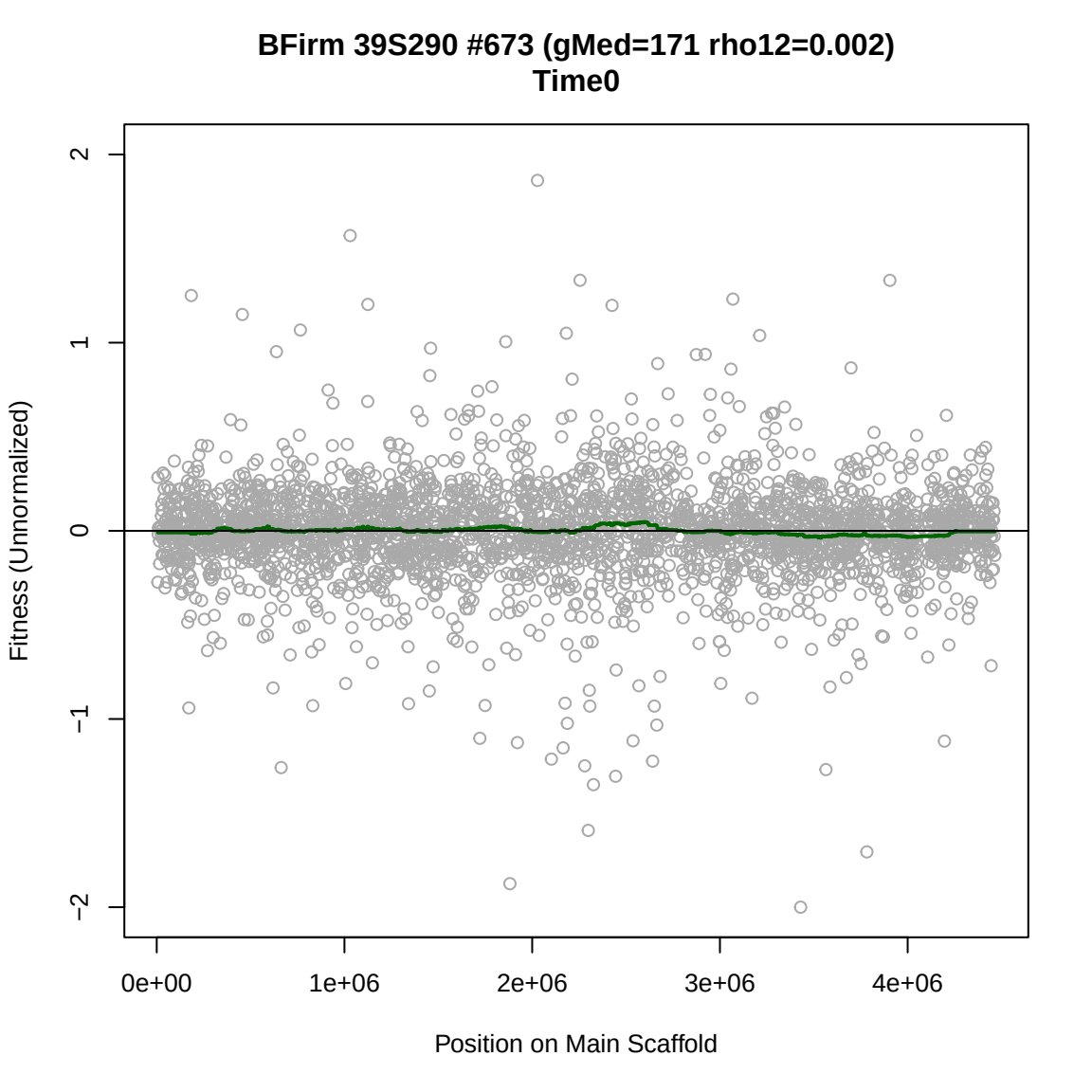

BFirm 38S727 #668 (gMed=118 rho12=0.175)
Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_perlite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

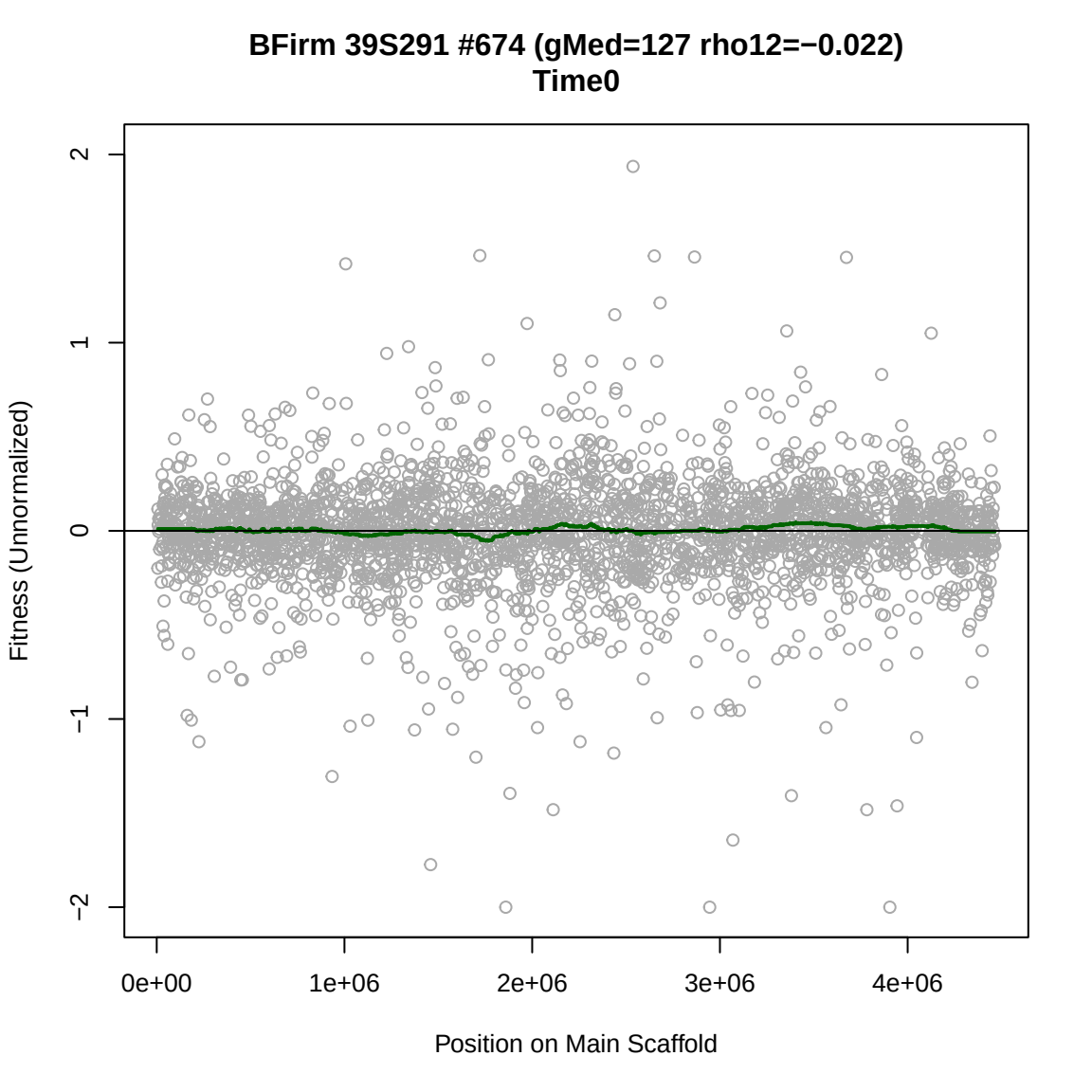

BFirm 38S728 #669 (gMed=101 rho12=0.155)
s_and_Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

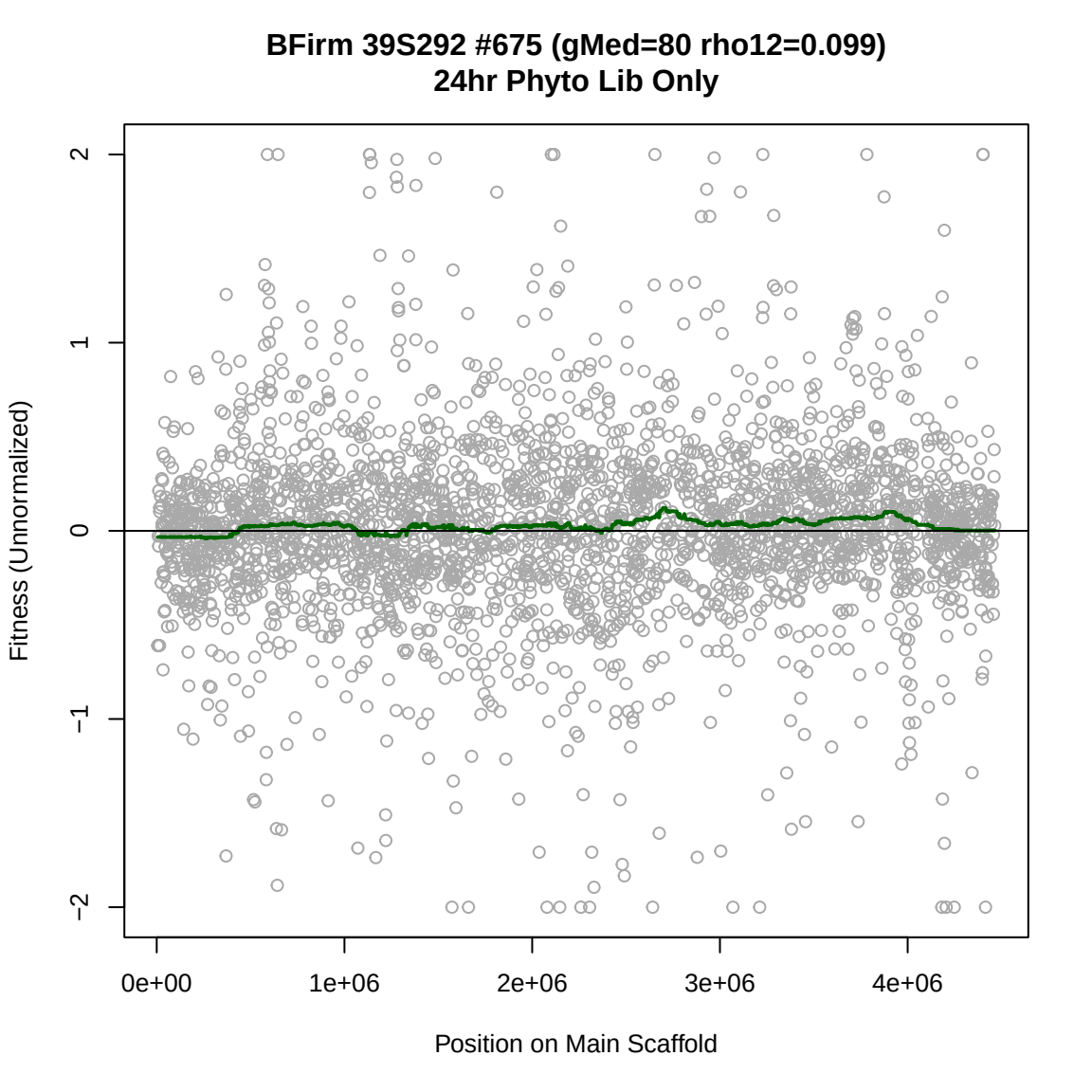

BFirm 38S729 #670 (gMed=88 rho12=0.109)
s_and_Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

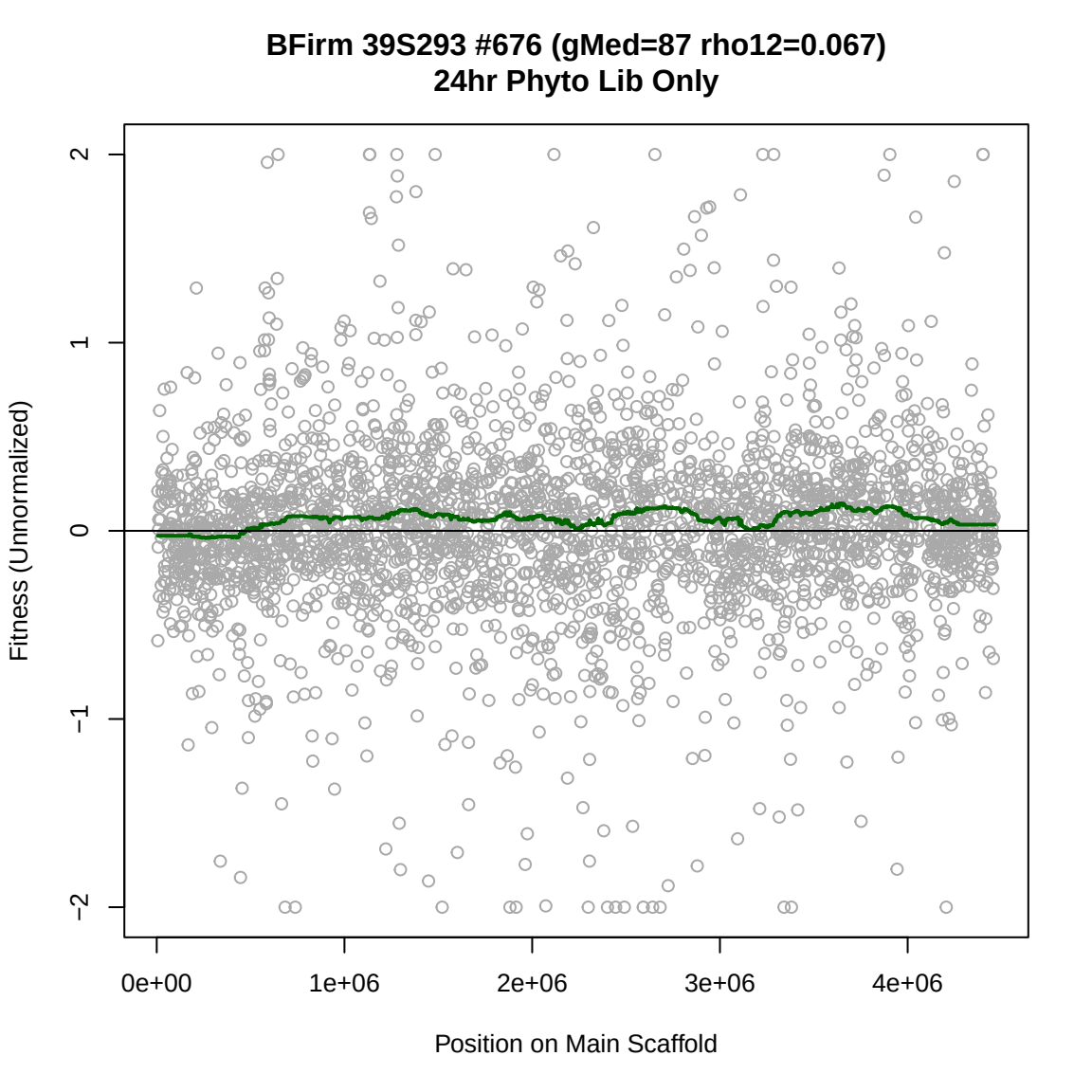

BFirm 38S730 #671 (gMed=104 rho12=0.126)
s_and_Fusarium; Sample=rhizosphere; GrowthSubstrate=sand_vermiculite_
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

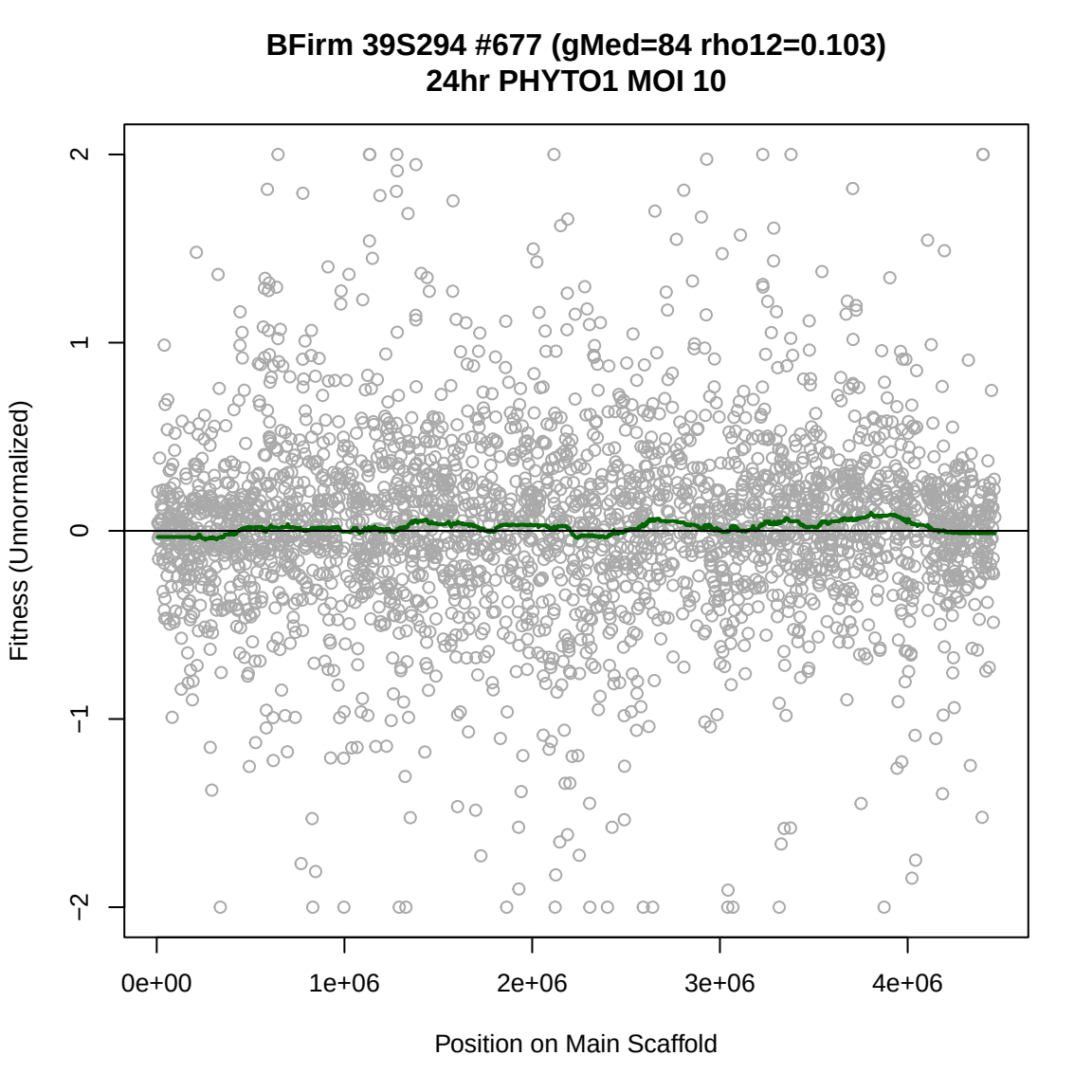

BFirm 39S289 #672 (gMed=174 rho12=0.007)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

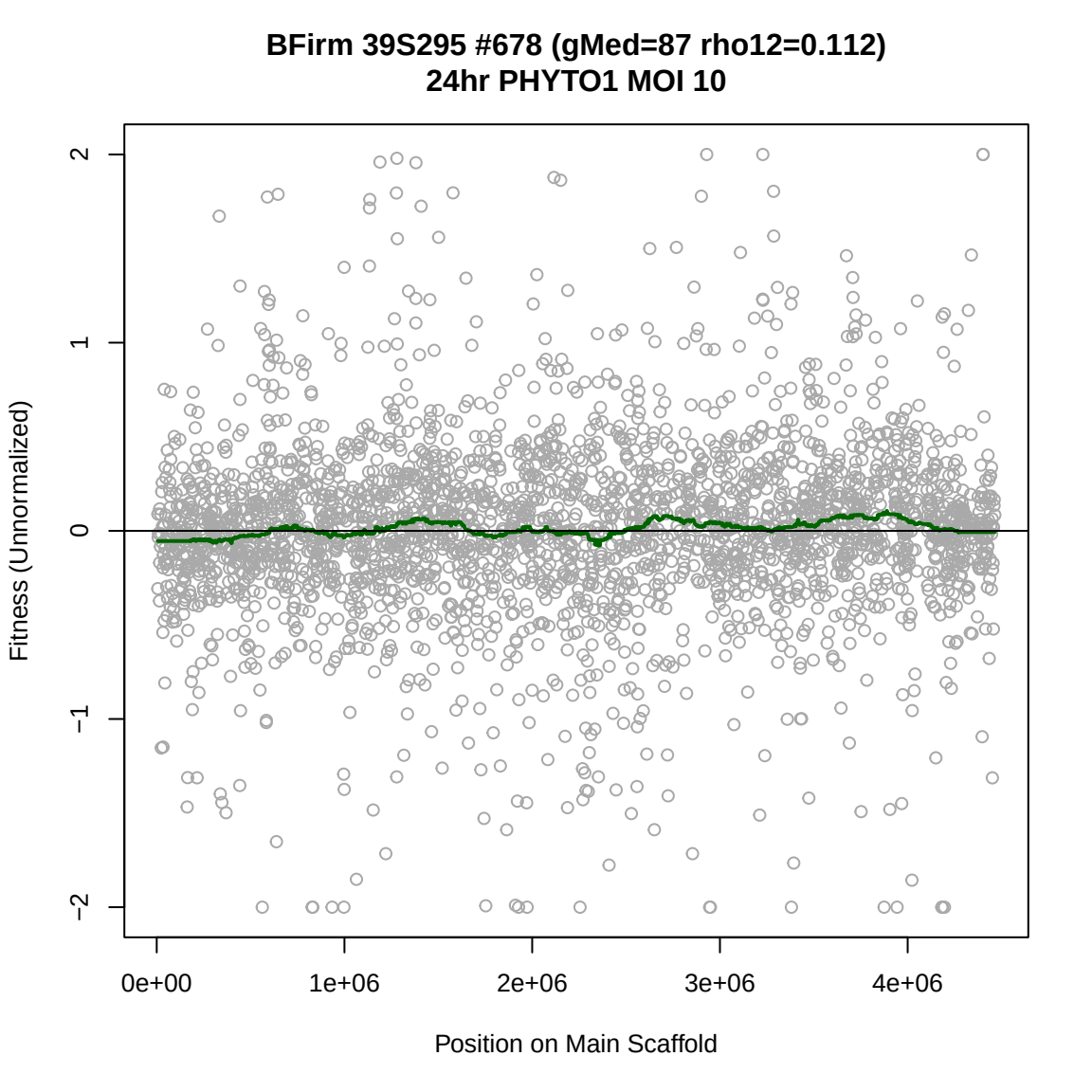

BFirm 39S290 #673 (gMed=171 rho12=0.002)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

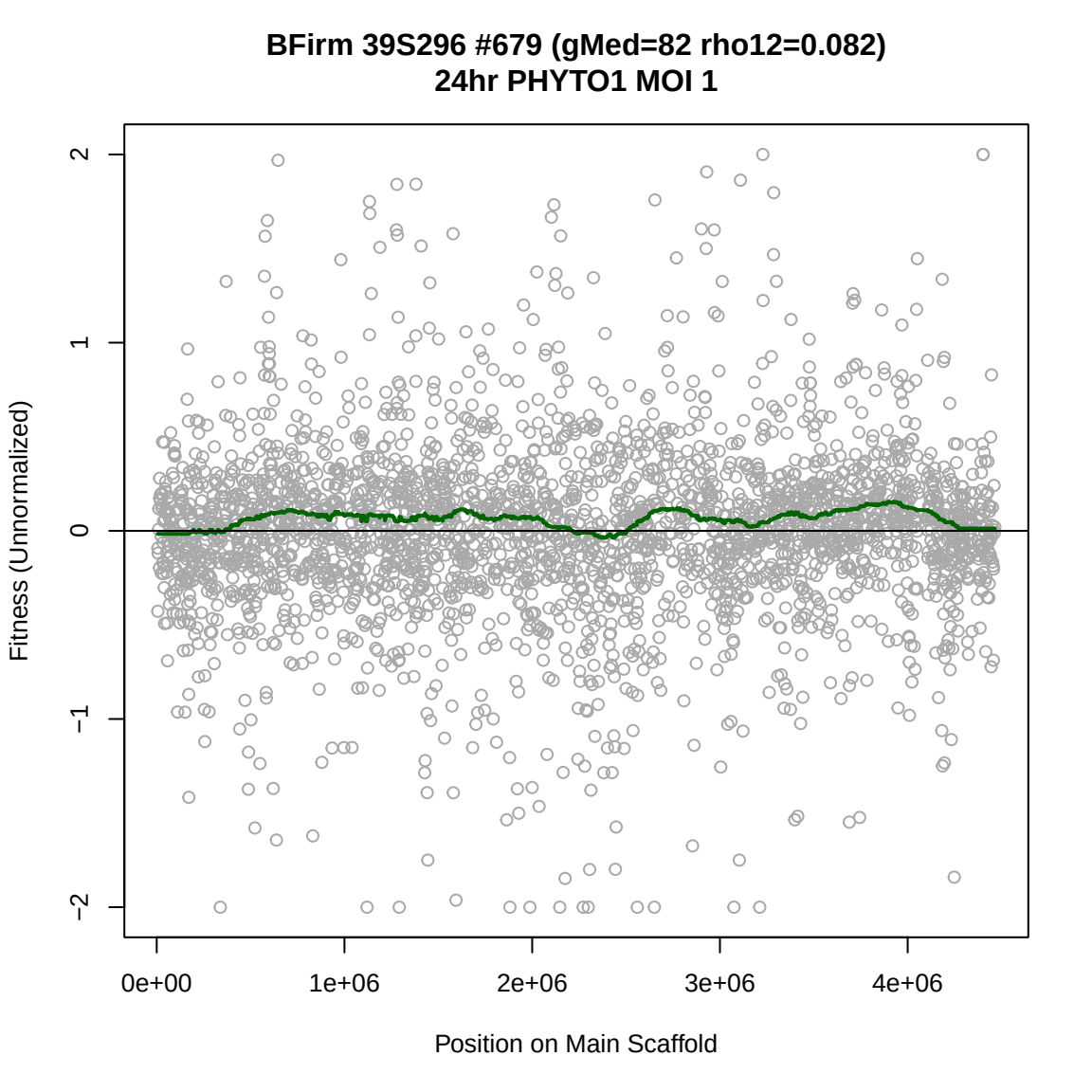

BFirm 39S291 #674 (gMed=127 rho12=−0.022)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

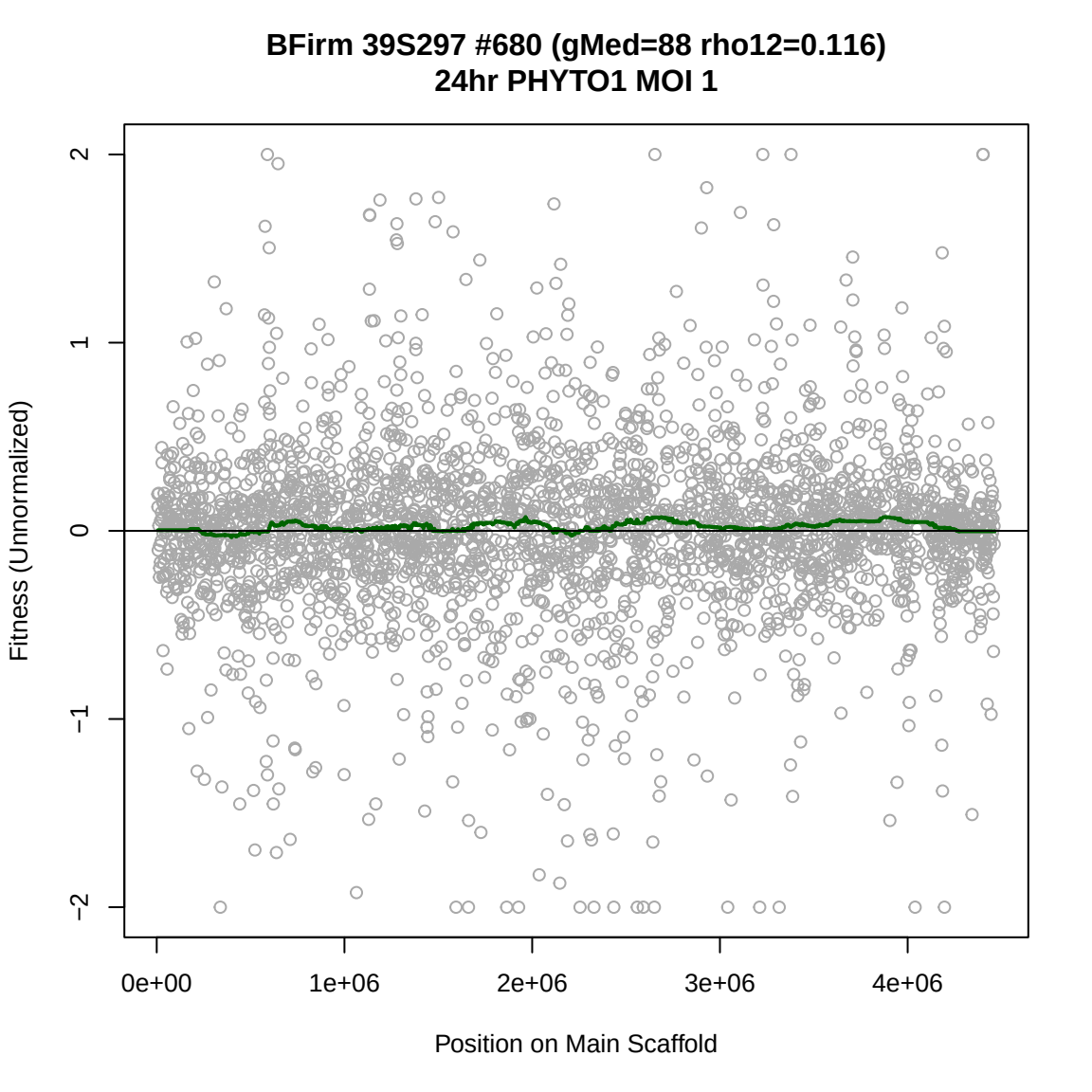

BFirm 39S292 #675 (gMed=80 rho12=0.099)
24hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

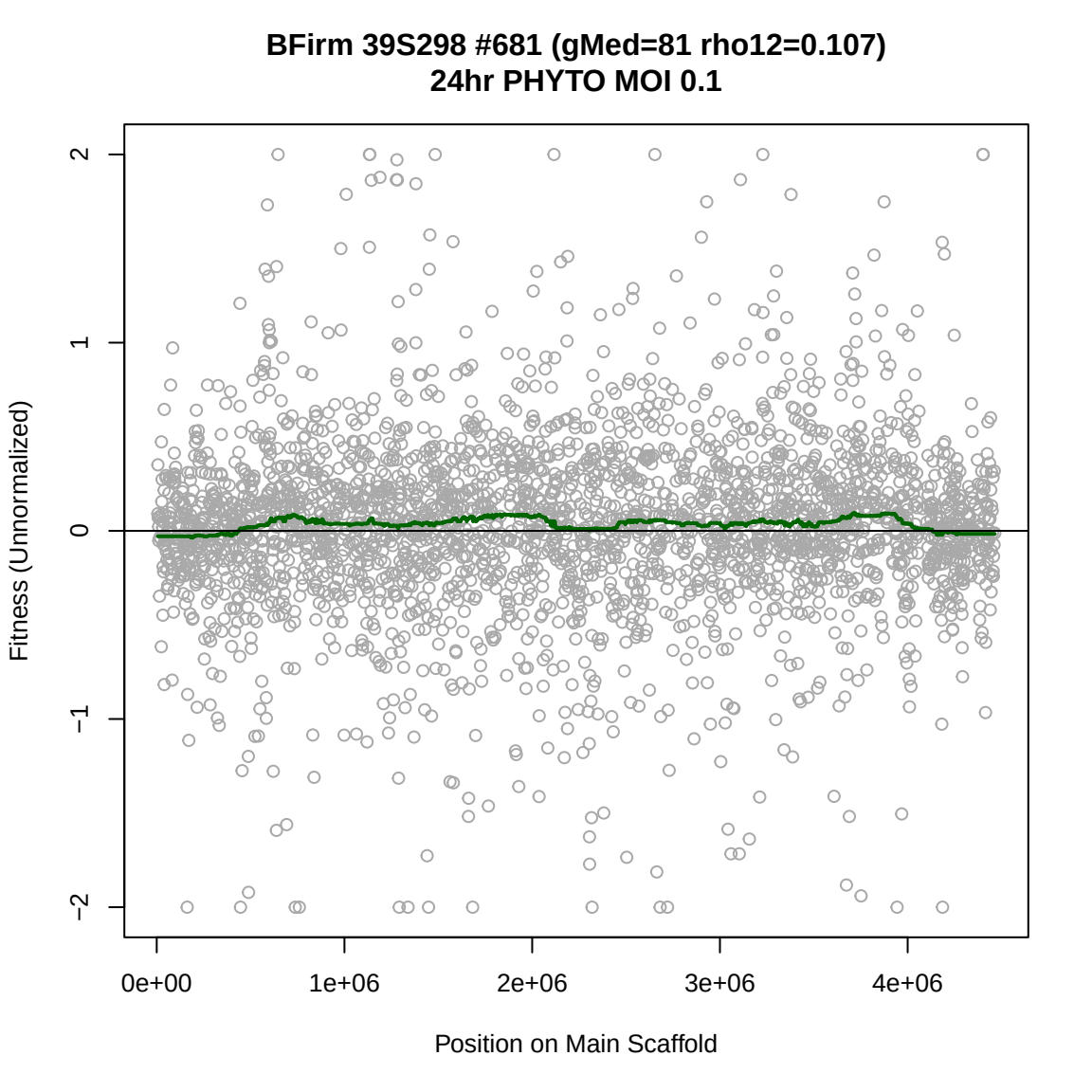

BFirm 39S293 #676 (gMed=87 rho12=0.067)
24hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

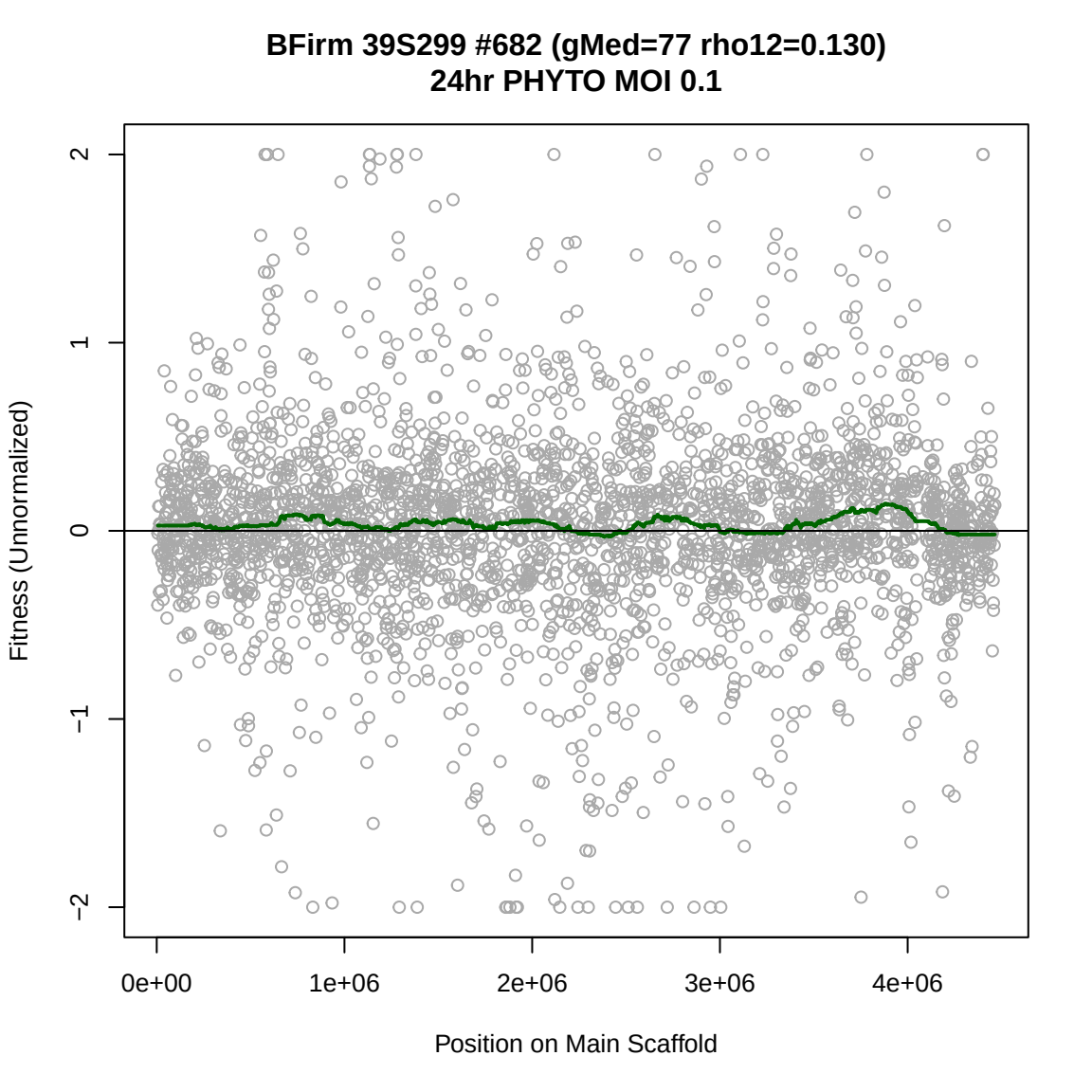

BFirm 39S294 #677 (gMed=84 rho12=0.103)
24hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

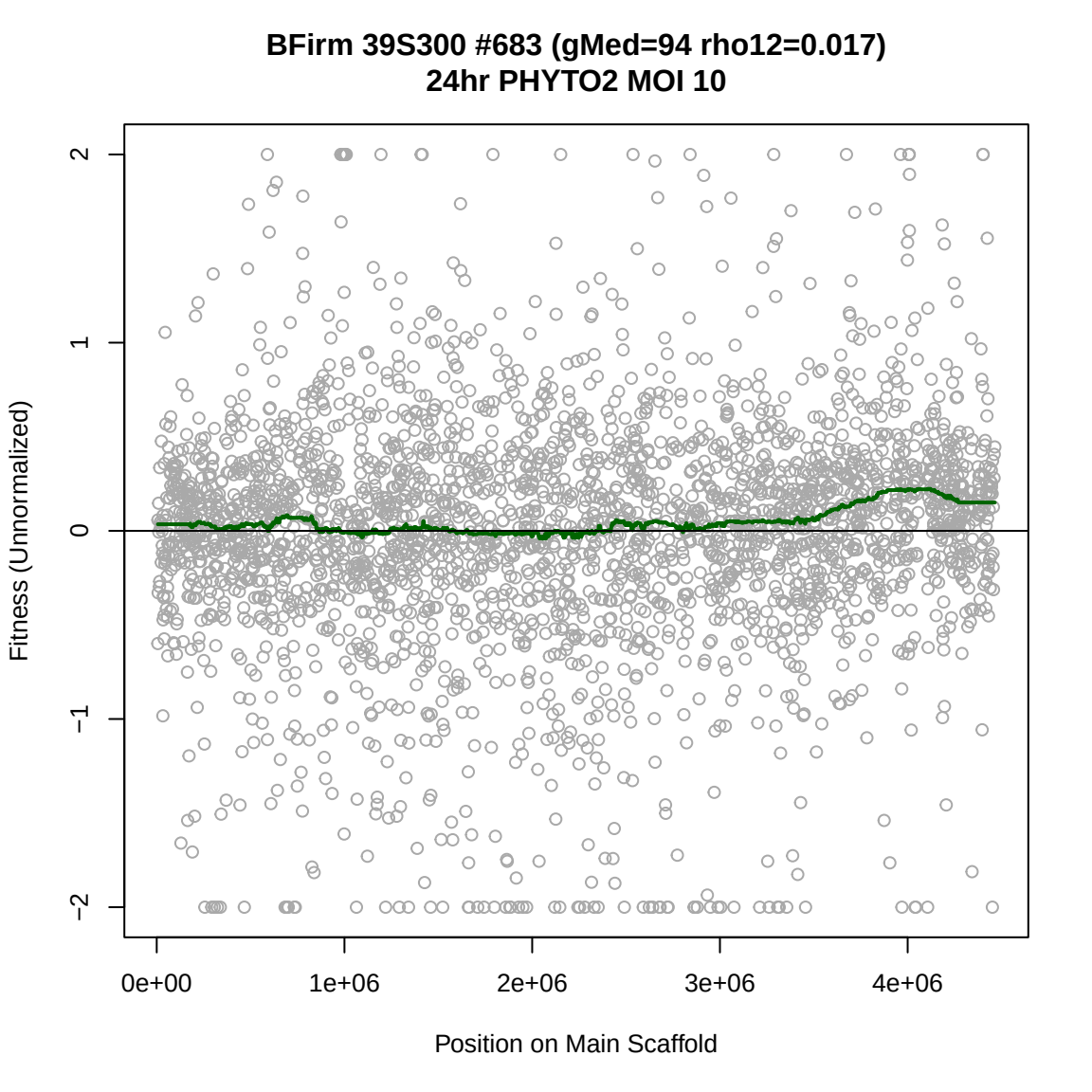

BFirm 39S295 #678 (gMed=87 rho12=0.112)
24hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

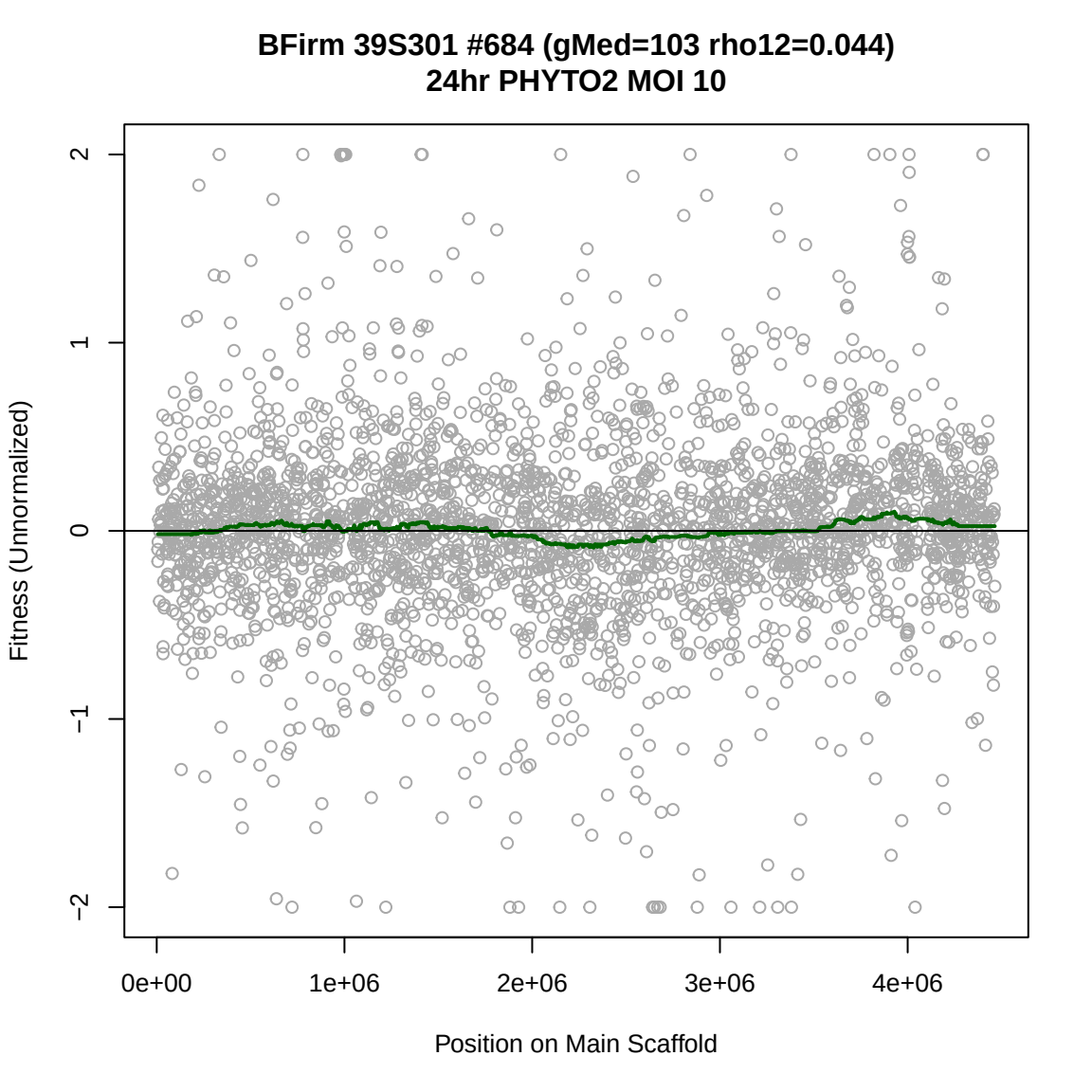

BFirm 39S296 #679 (gMed=82 rho12=0.082)
24hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

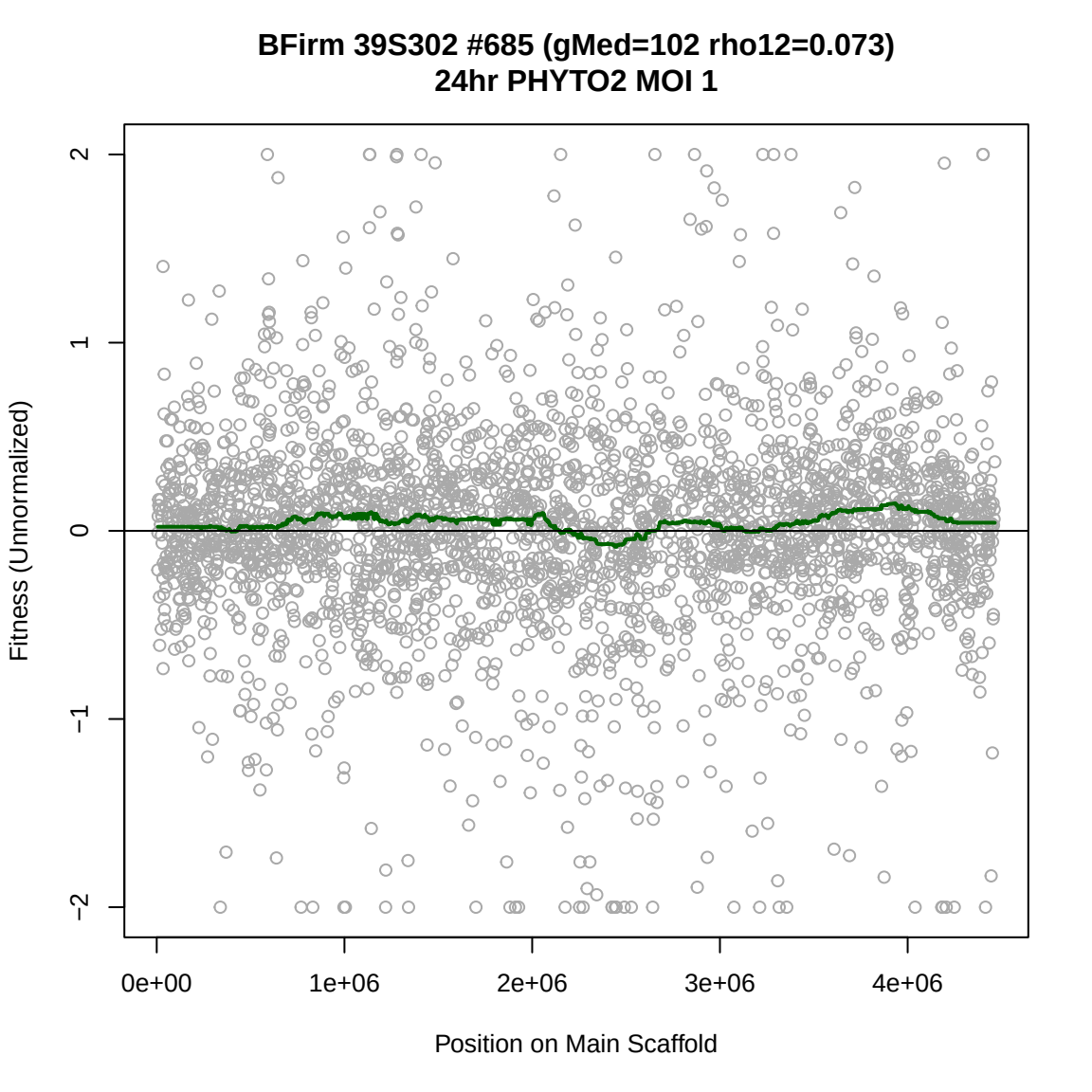

BFirm 39S297 #680 (gMed=88 rho12=0.116)
24hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

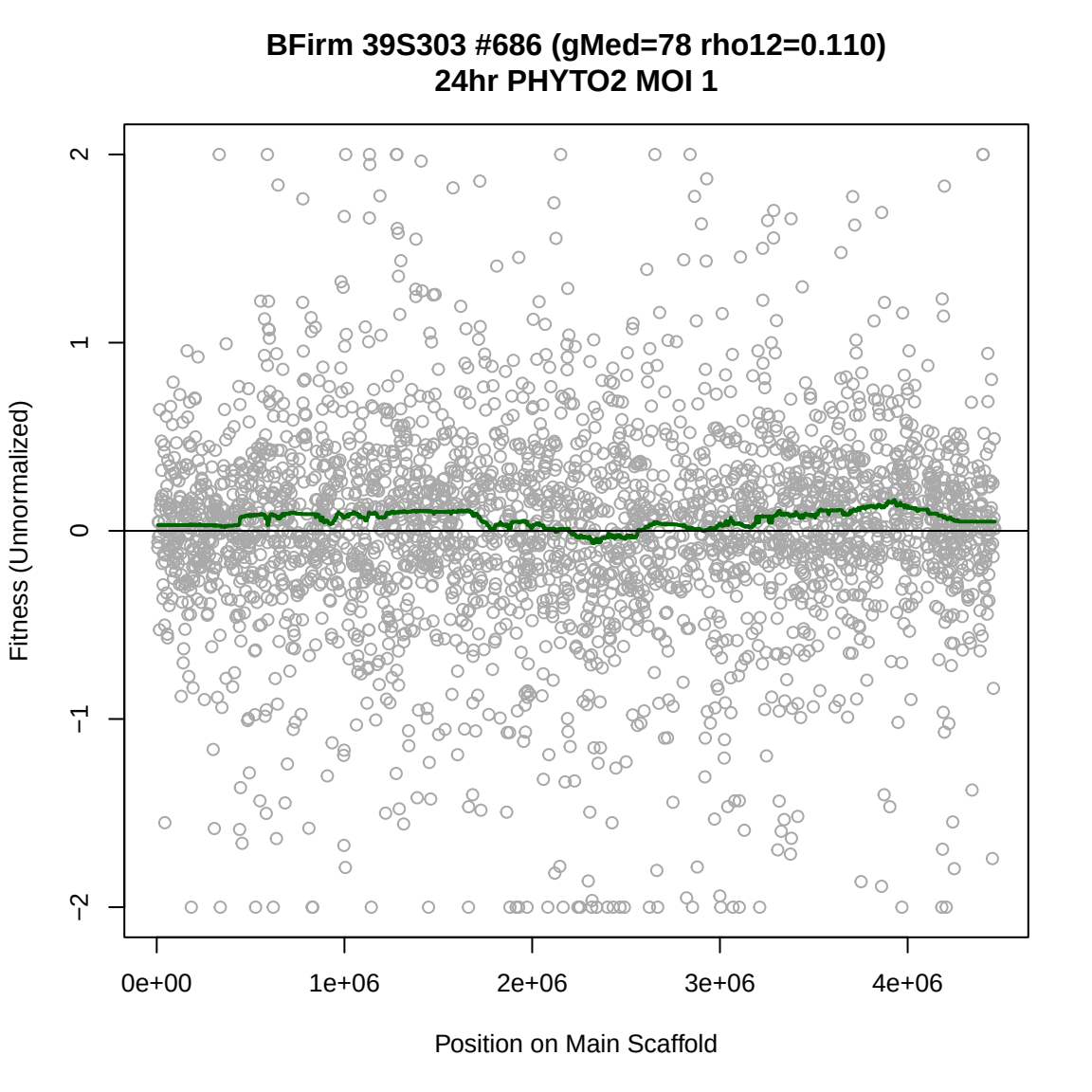

BFirm 39S298 #681 (gMed=81 rho12=0.107)
24hr PHYTO MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

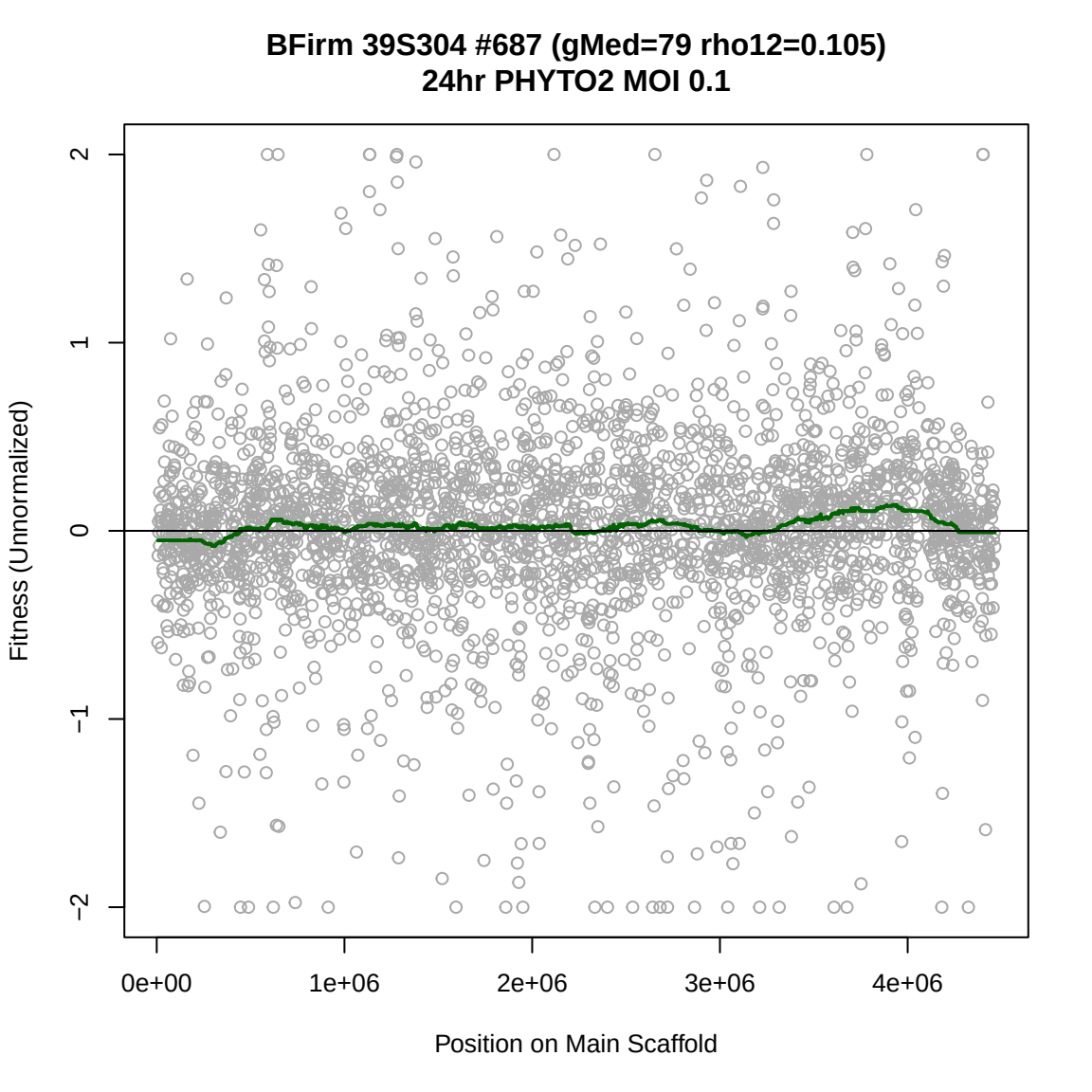

BFirm 39S299 #682 (gMed=77 rho12=0.130)
24hr PHYTO MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

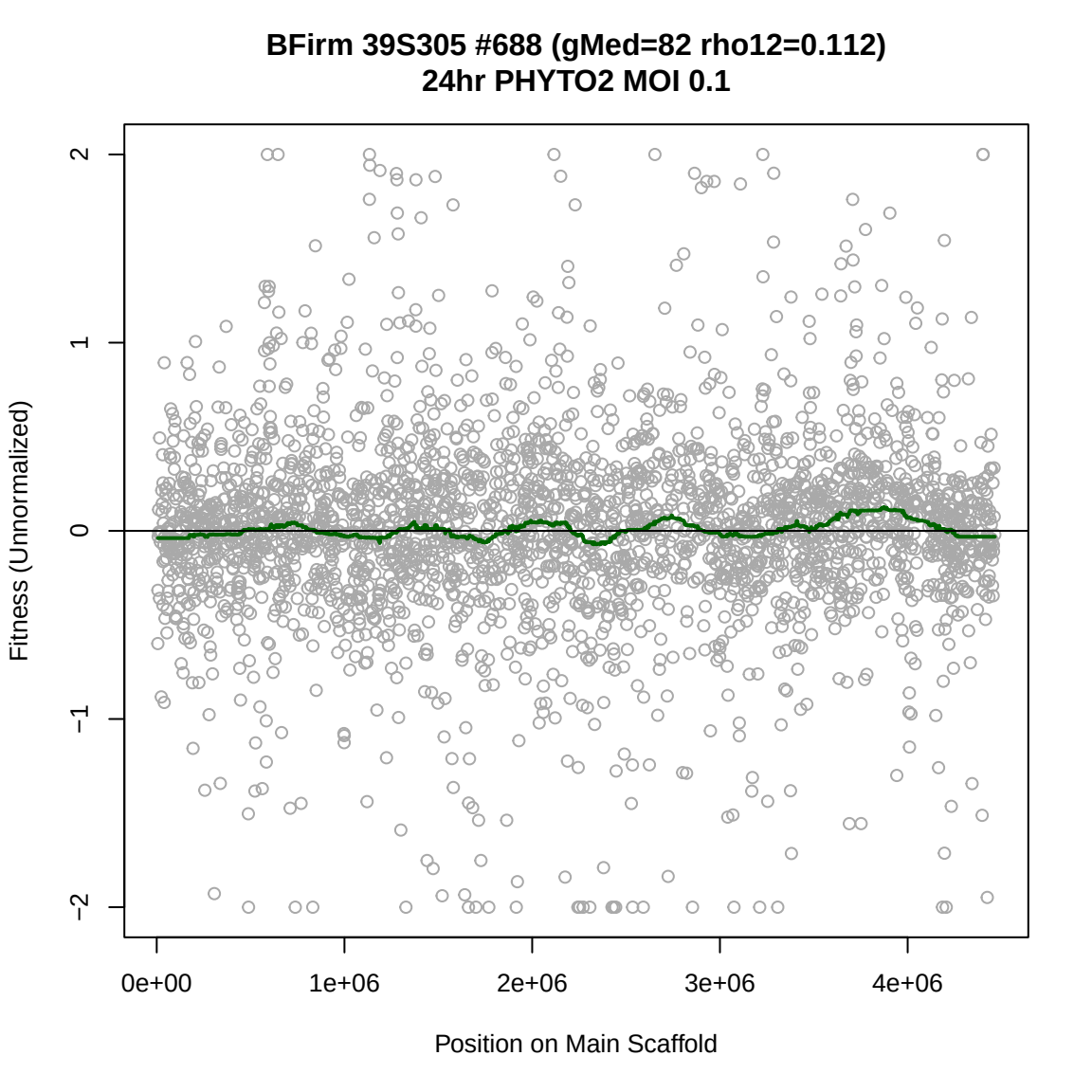

BFirm 39S300 #683 (gMed=94 rho12=0.017)
24hr PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

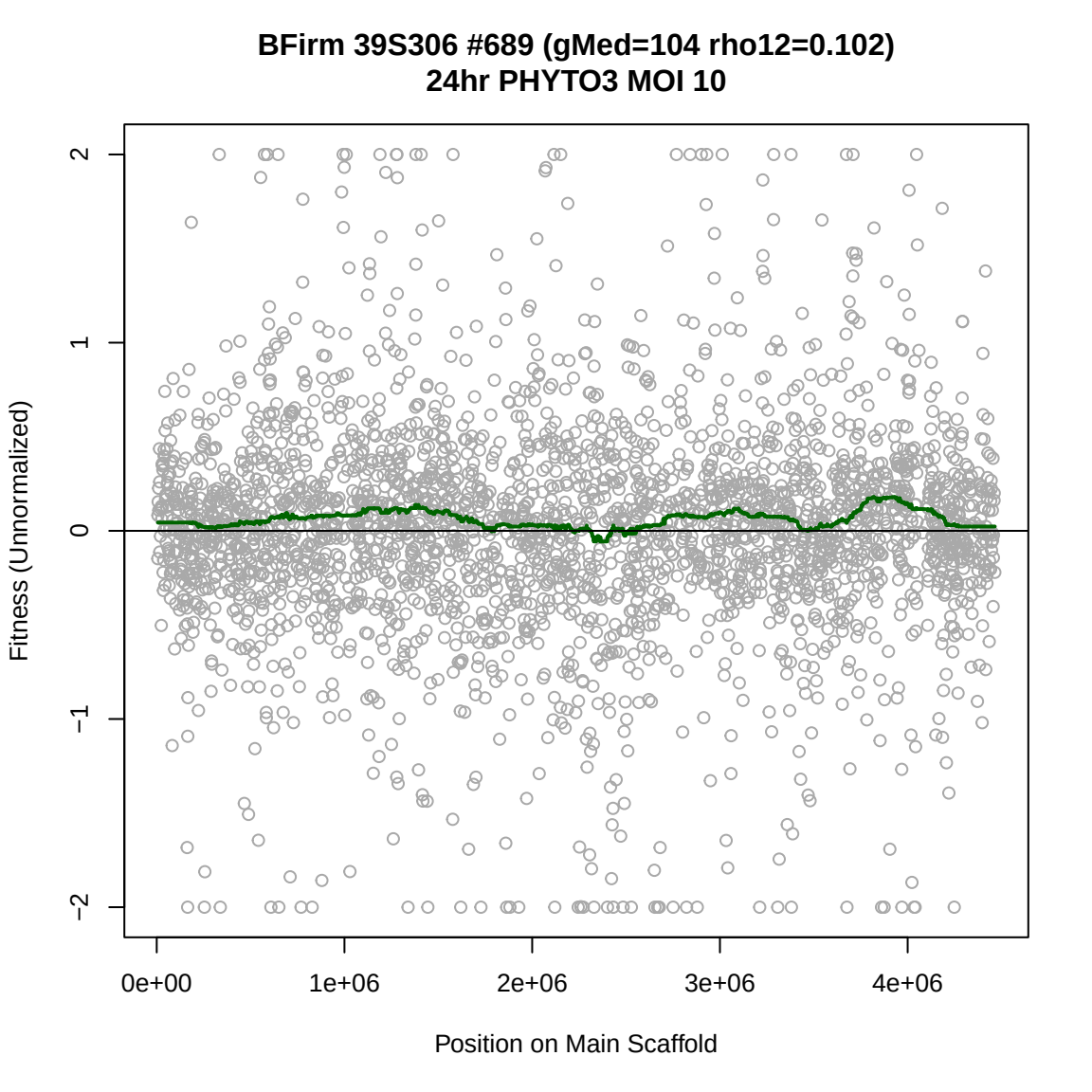

BFirm 39S301 #684 (gMed=103 rho12=0.044)
24hr PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

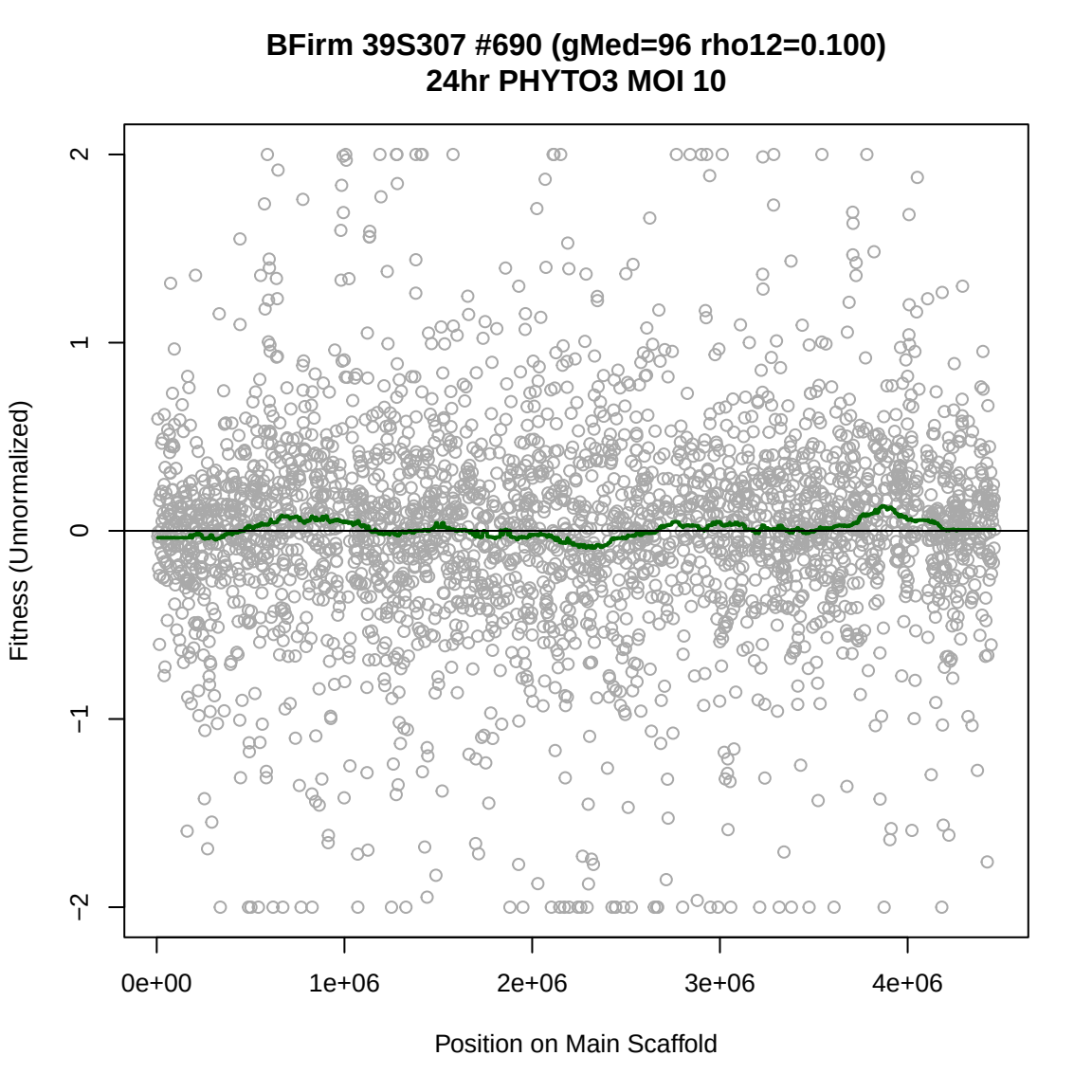

BFirm 39S302 #685 (gMed=102 rho12=0.073)
24hr PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

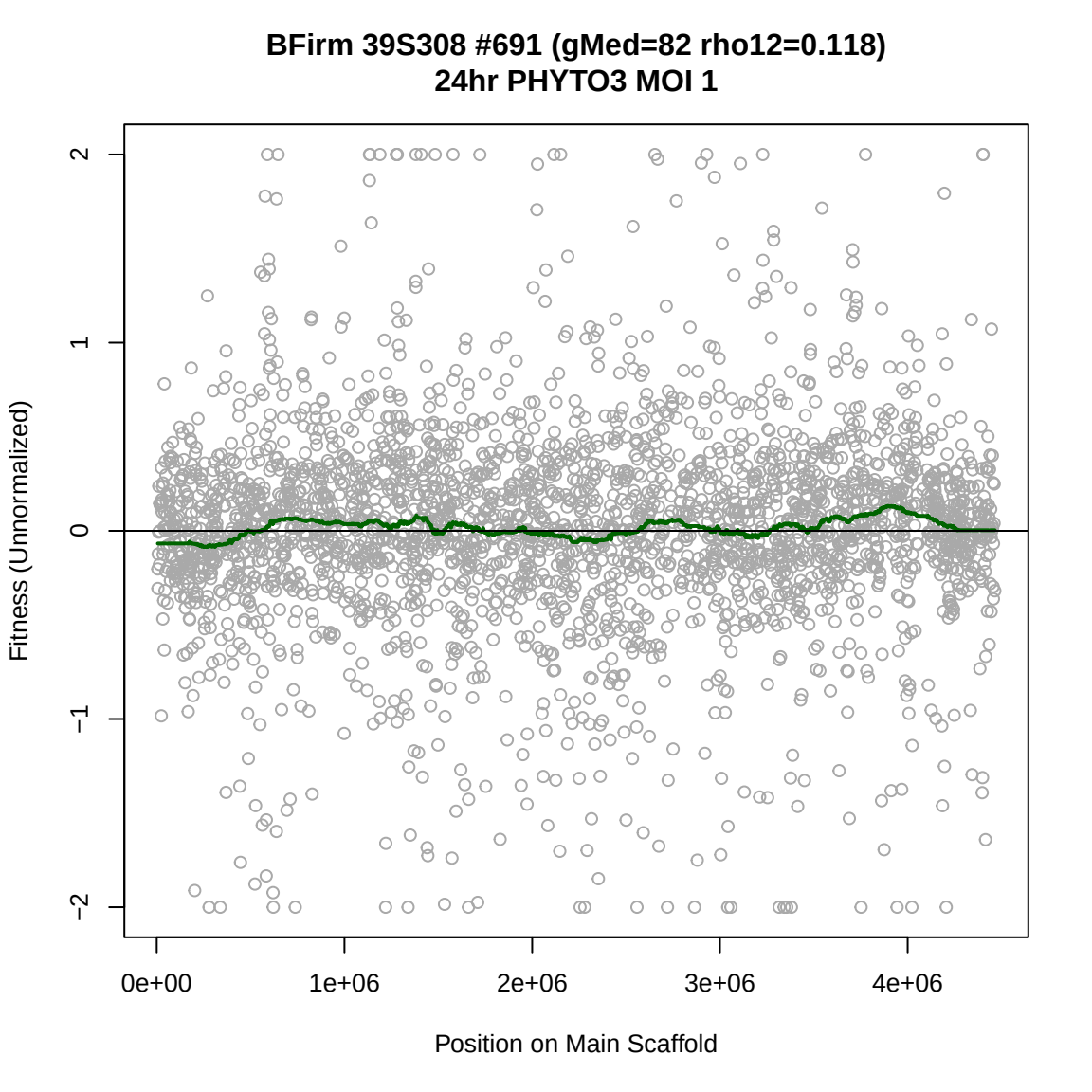

BFirm 39S303 #686 (gMed=78 rho12=0.110)
24hr PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

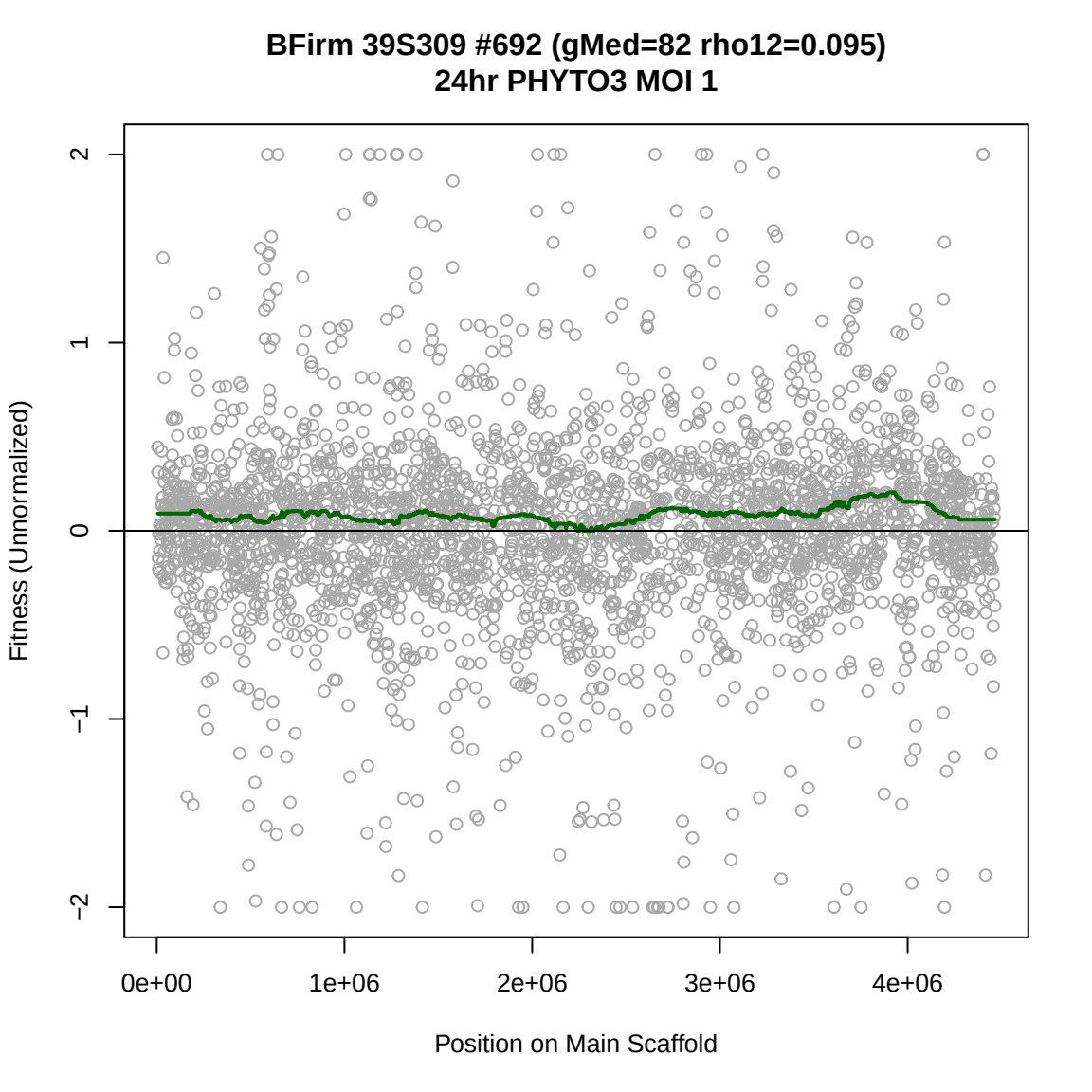

BFirm 39S304 #687 (gMed=79 rho12=0.105)
24hr PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

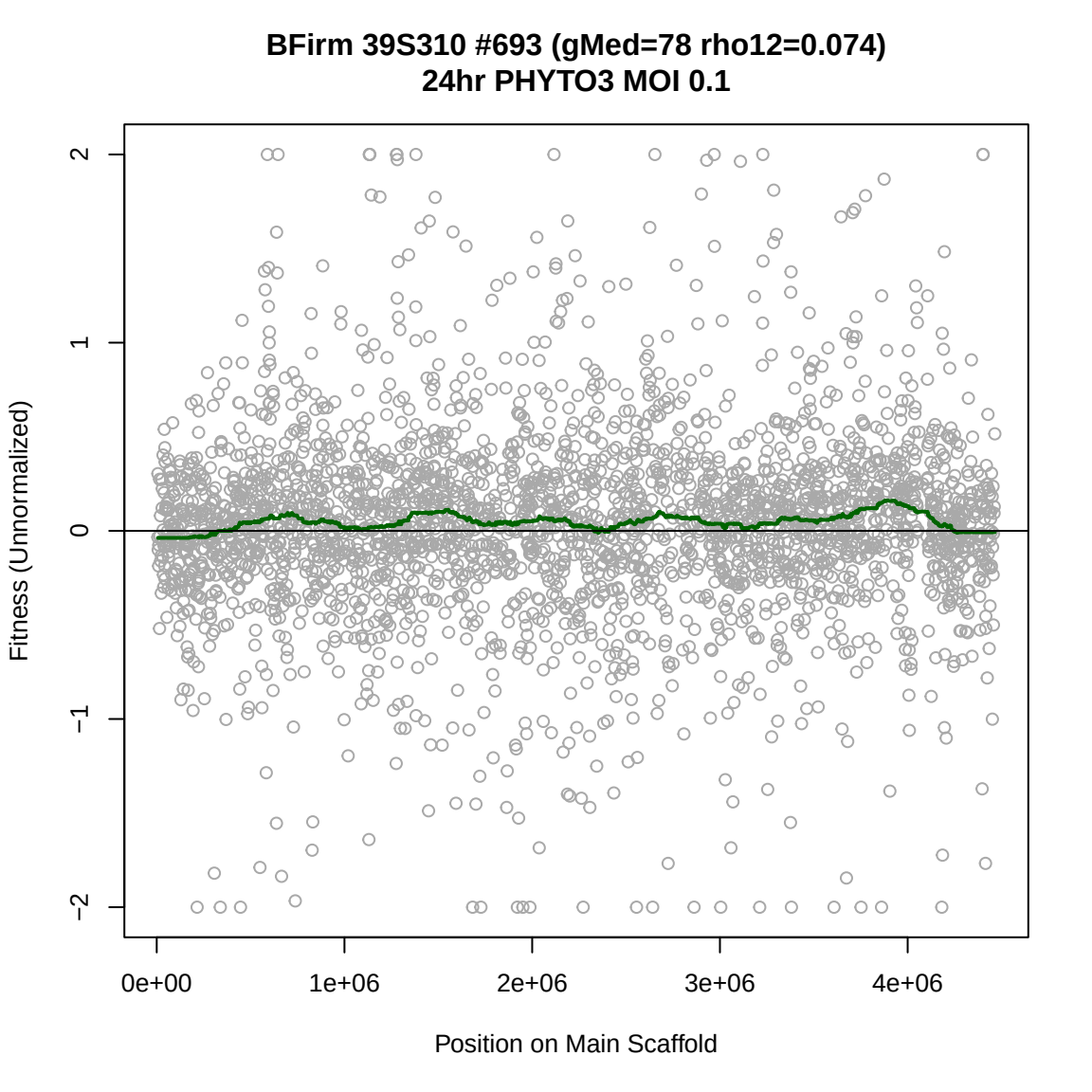

BFirm 39S305 #688 (gMed=82 rho12=0.112)
24hr PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

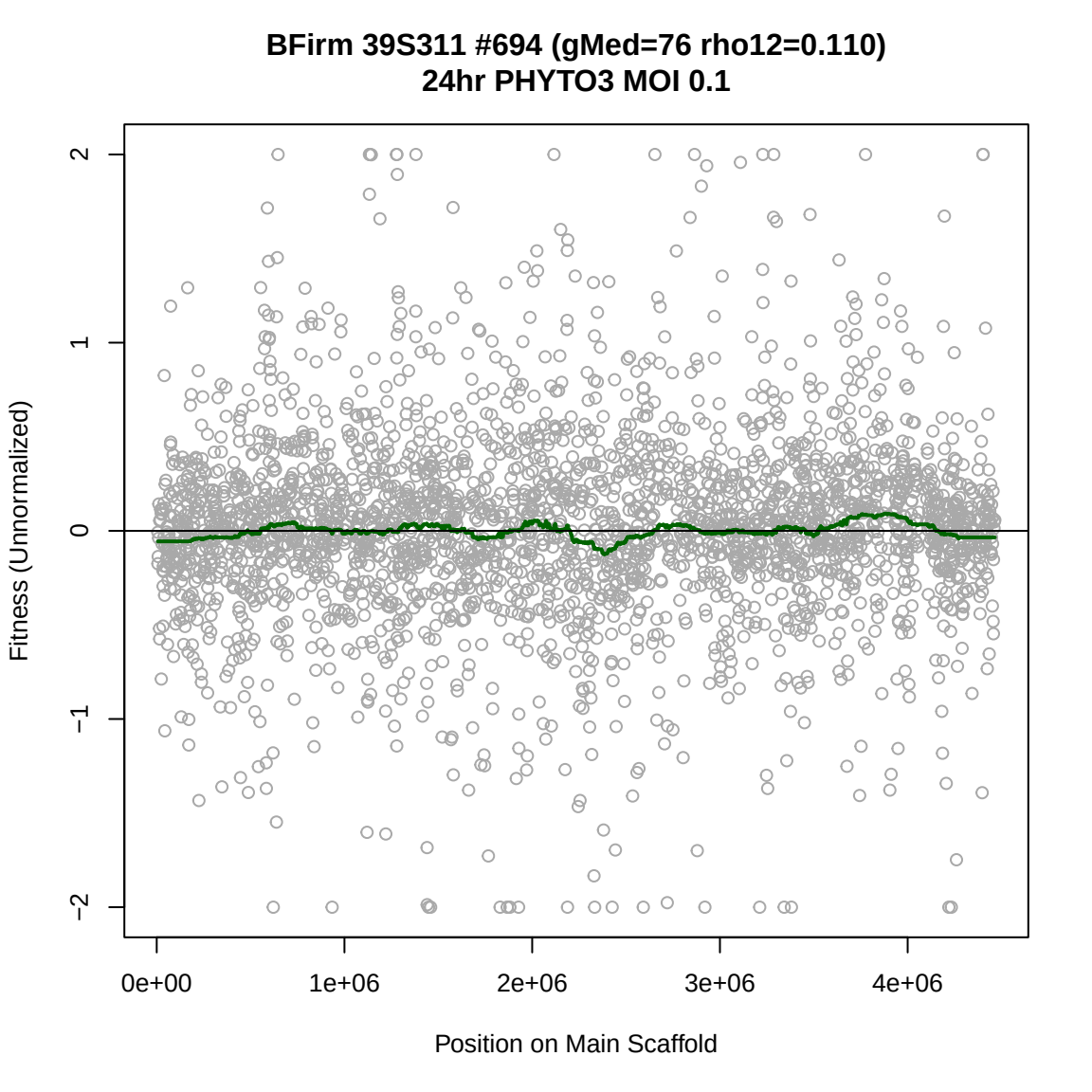

BFirm 39S306 #689 (gMed=104 rho12=0.102)
24hr PHYTO3 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

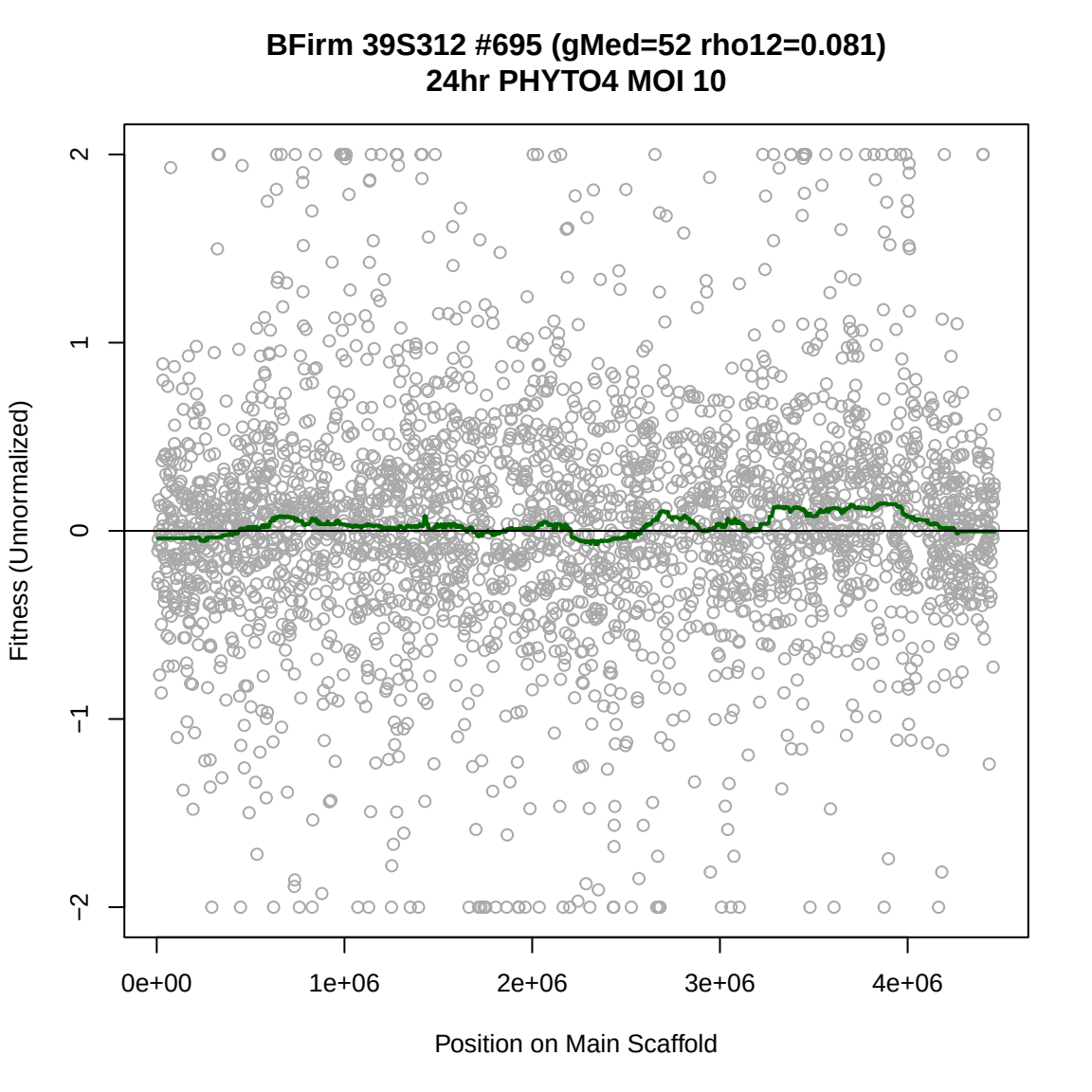

BFirm 39S307 #690 (gMed=96 rho12=0.100)
24hr PHYTO3 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

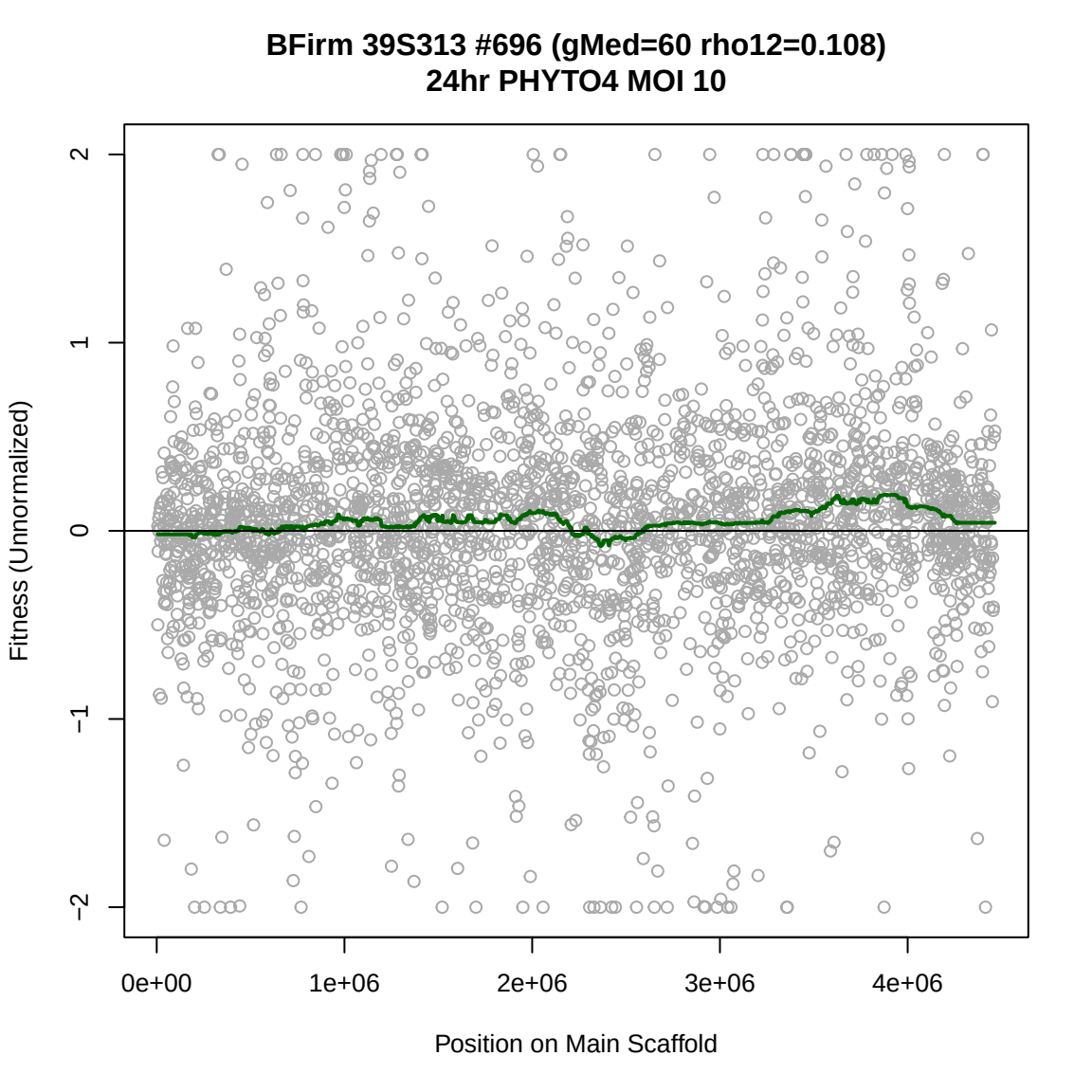

BFirm 39S308 #691 (gMed=82 rho12=0.118)
24hr PHYTO3 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

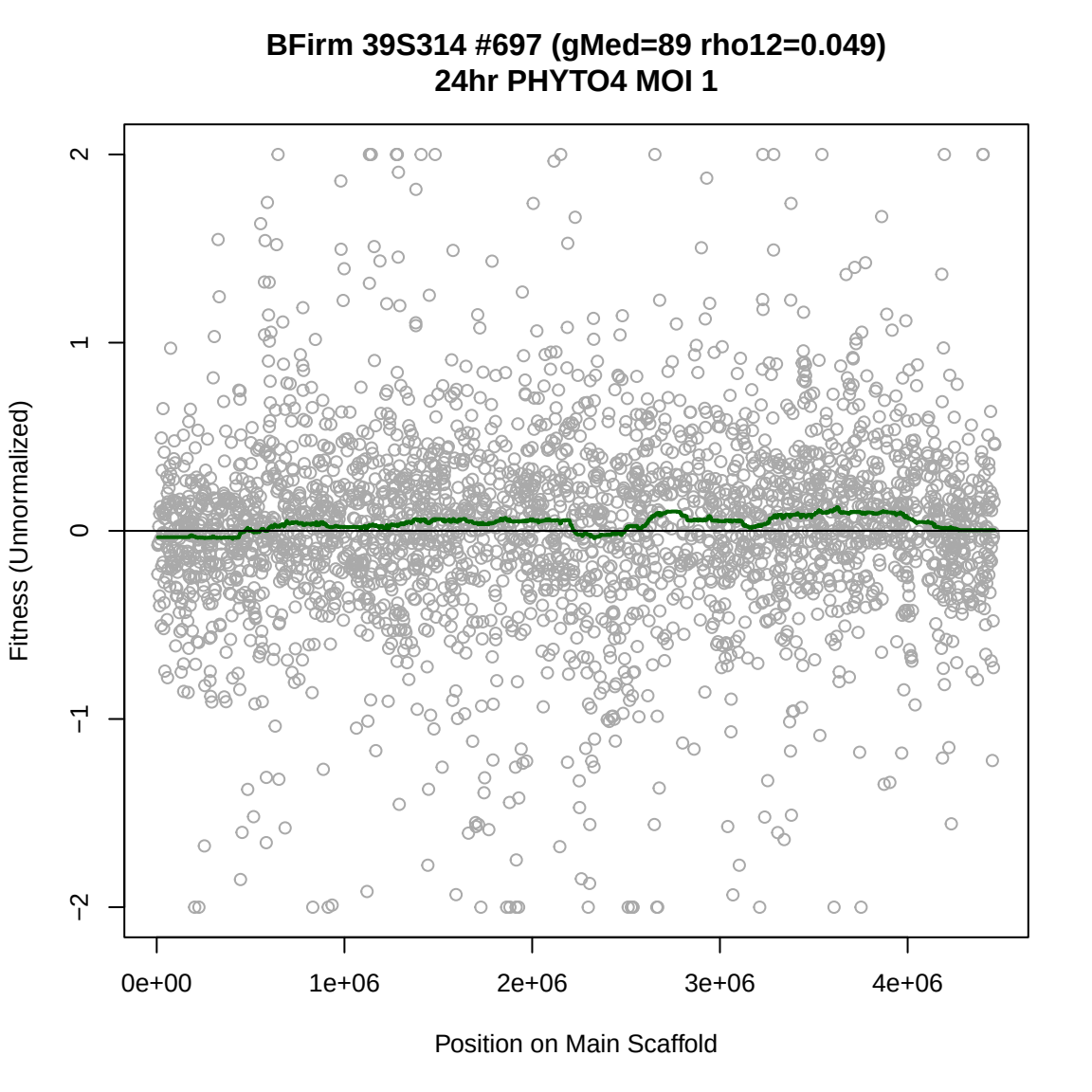

BFirm 39S309 #692 (gMed=82 rho12=0.095)
24hr PHYTO3 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

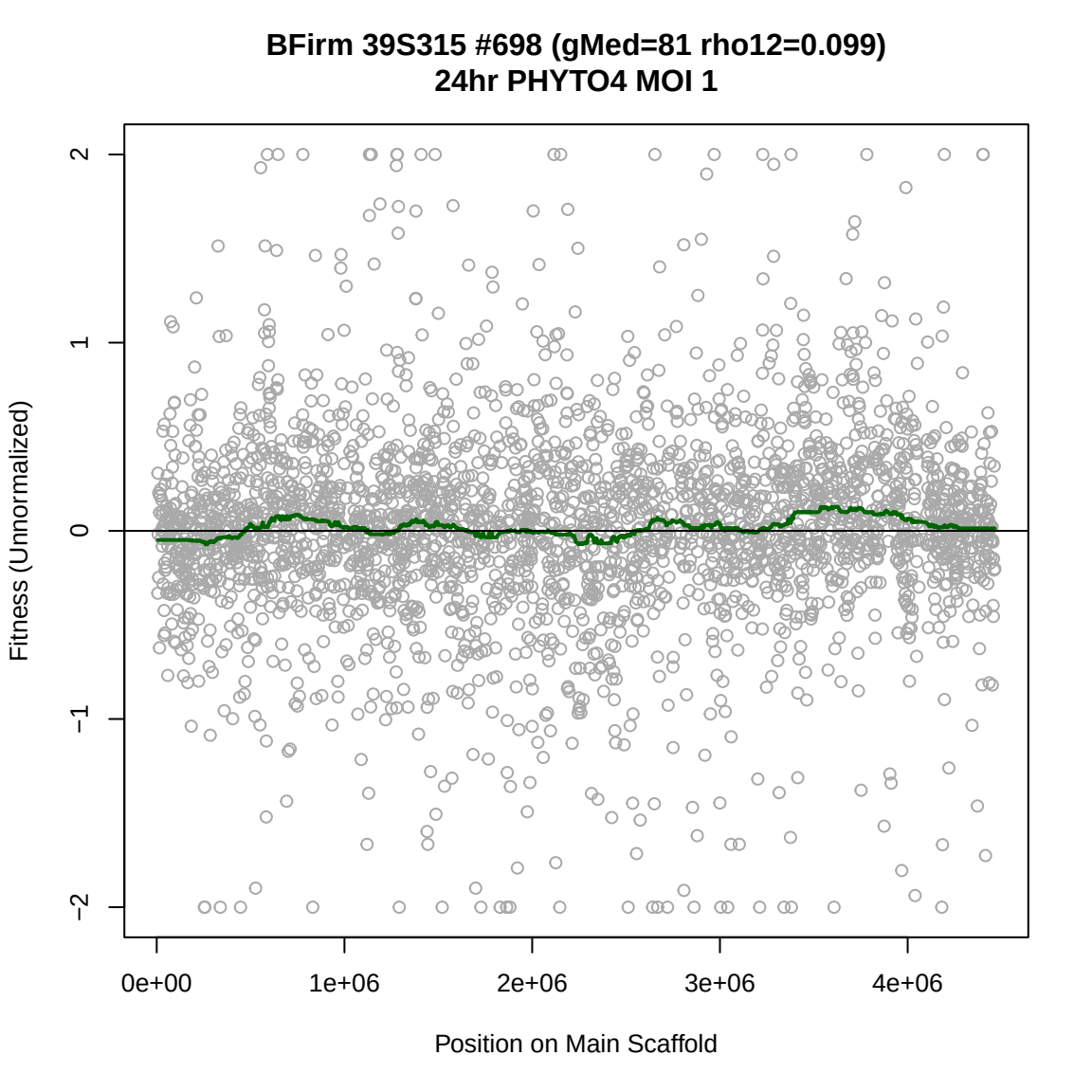

BFirm 39S310 #693 (gMed=78 rho12=0.074)
24hr PHYTO3 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

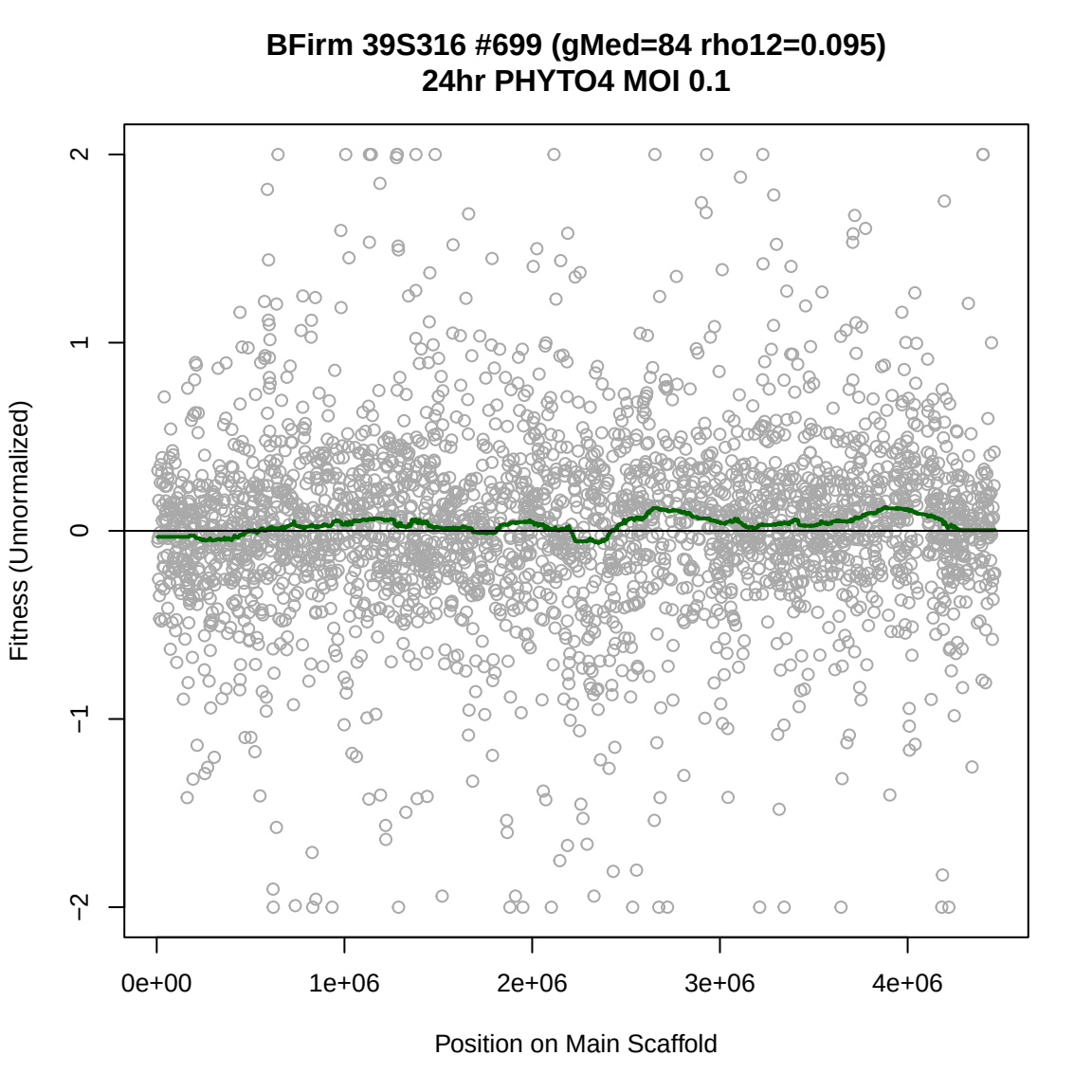

BFirm 39S311 #694 (gMed=76 rho12=0.110)
24hr PHYTO3 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

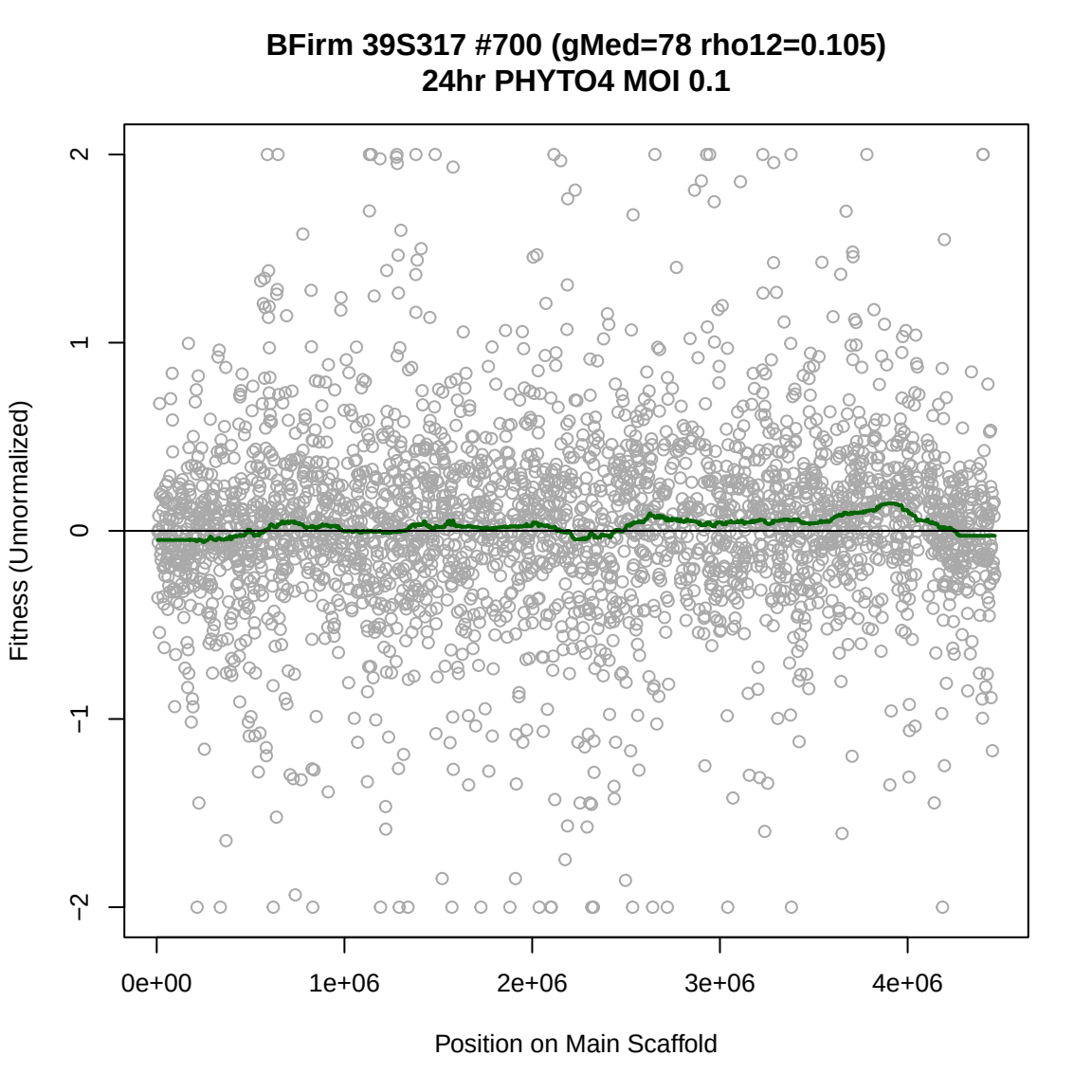

BFirm 39S312 #695 (gMed=52 rho12=0.081)
24hr PHYTO4 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

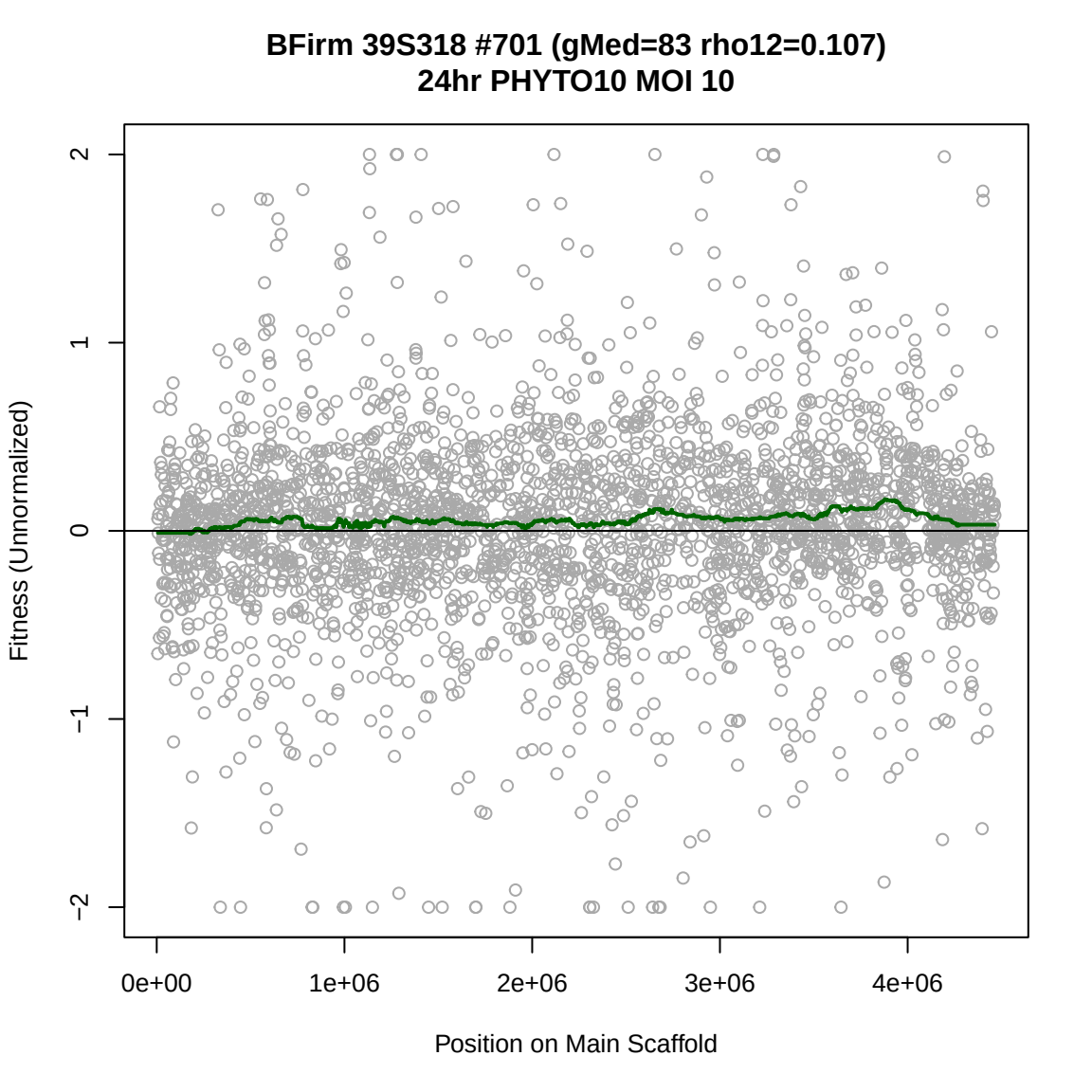

BFirm 39S313 #696 (gMed=60 rho12=0.108)
24hr PHYTO4 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

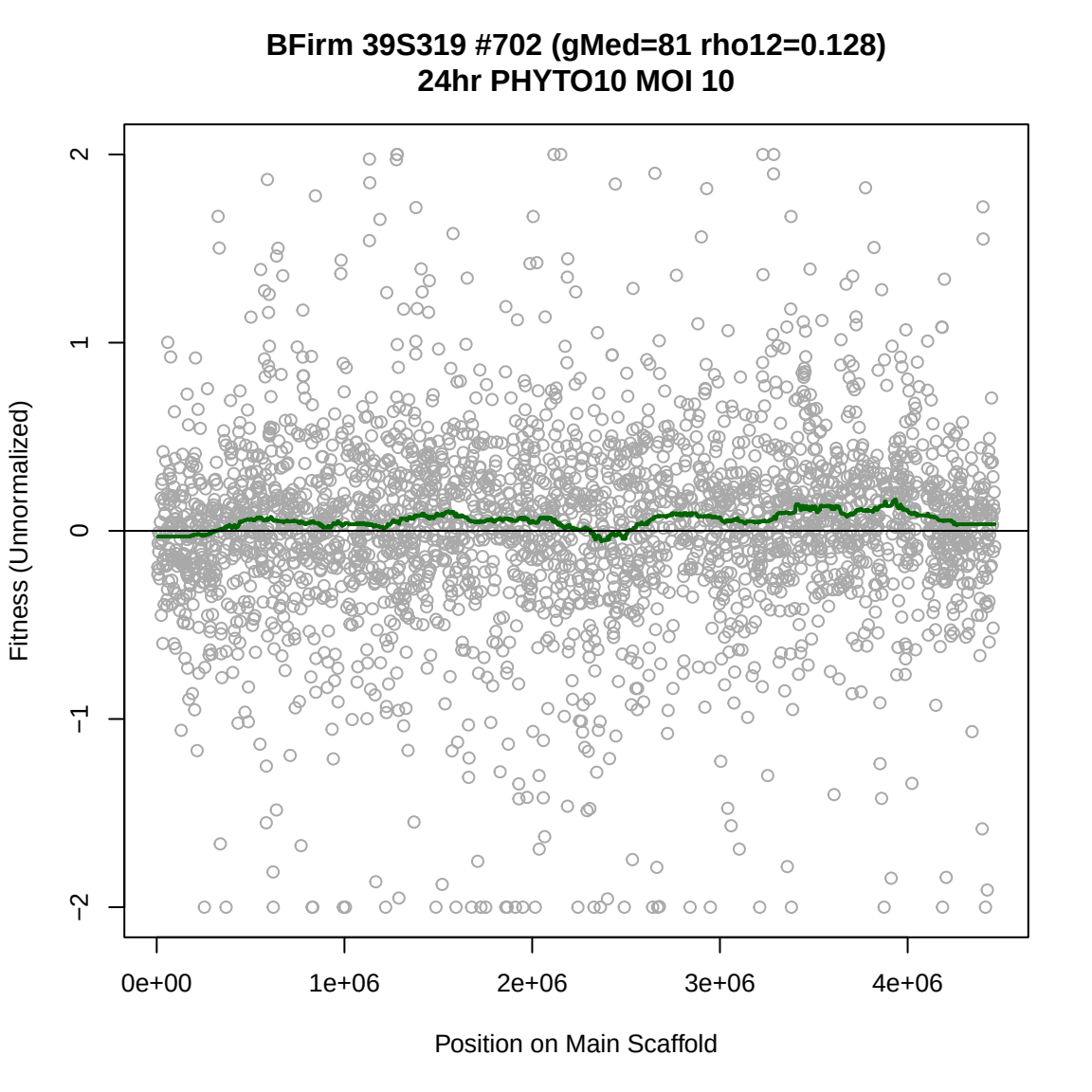

BFirm 39S314 #697 (gMed=89 rho12=0.049)
24hr PHYTO4 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

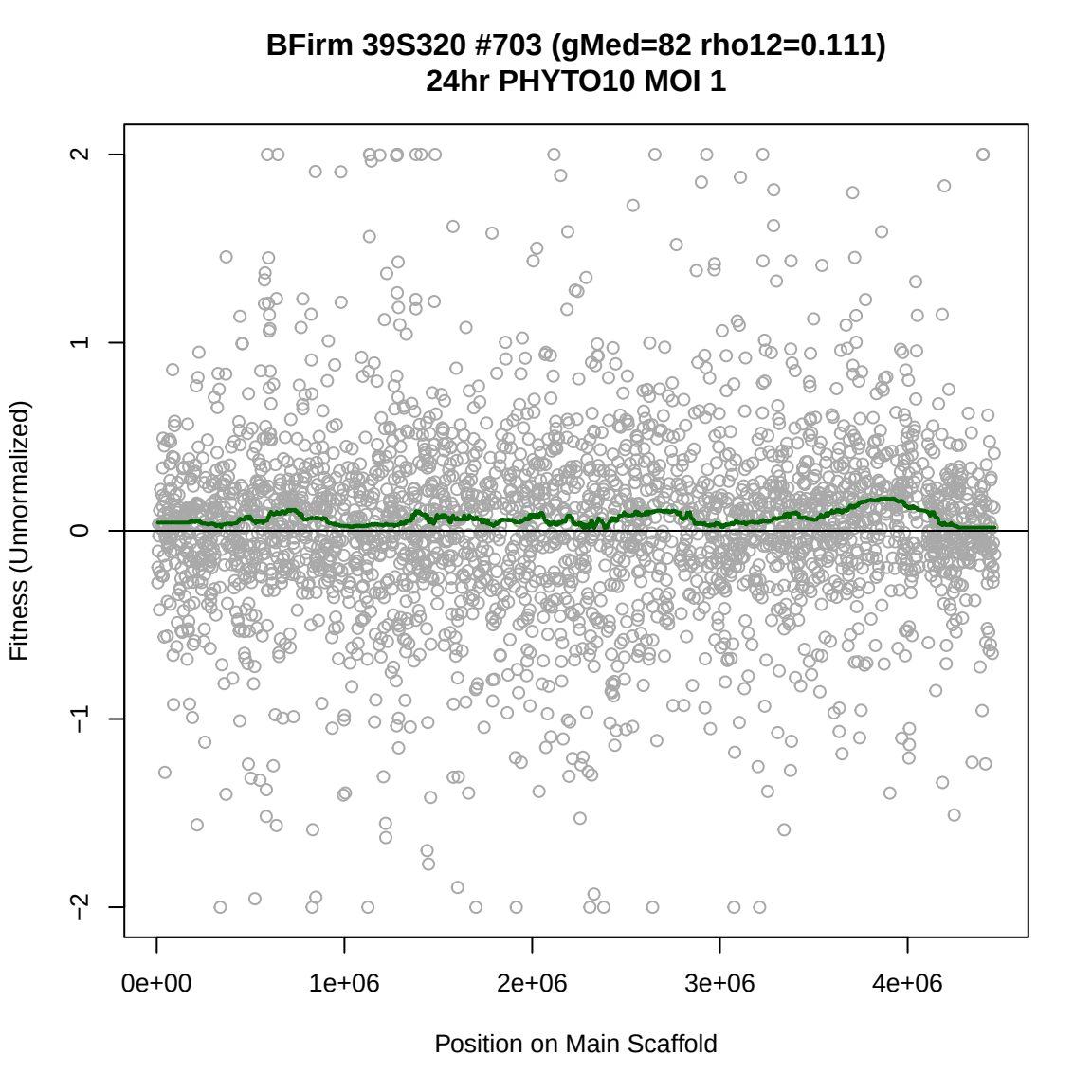

BFirm 39S315 #698 (gMed=81 rho12=0.099)
24hr PHYTO4 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

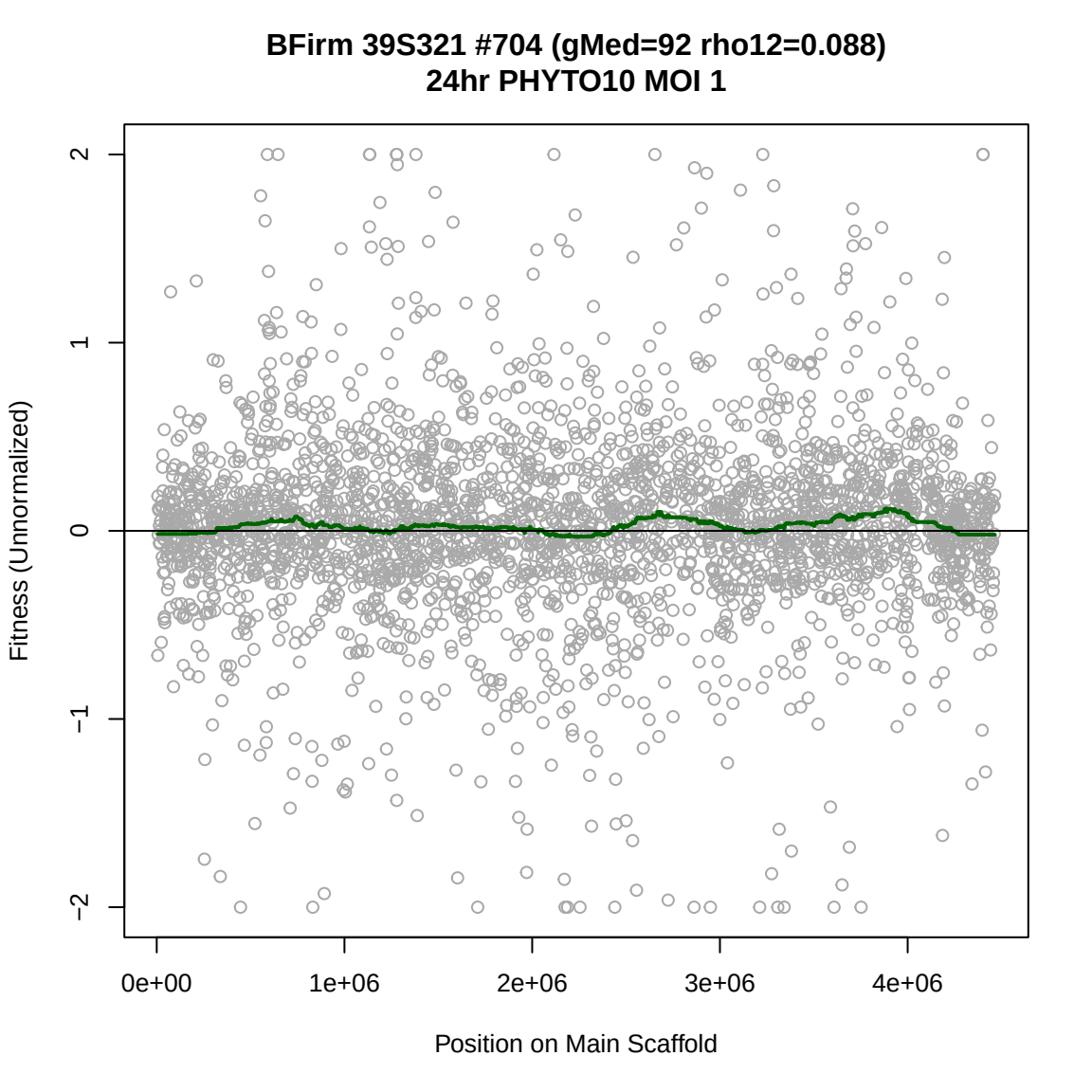

BFirm 39S316 #699 (gMed=84 rho12=0.095)
24hr PHYTO4 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

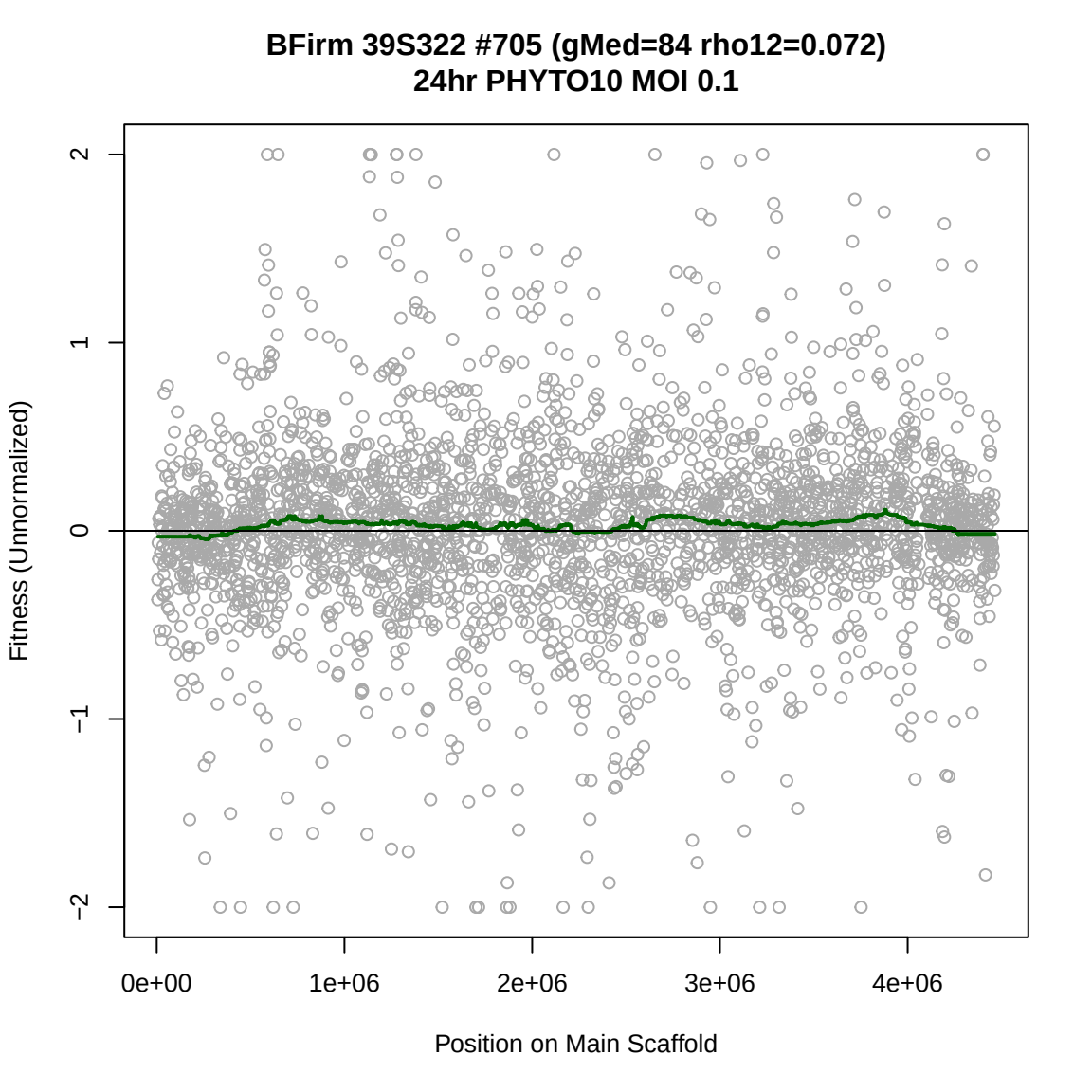

BFirm 39S317 #700 (gMed=78 rho12=0.105)
24hr PHYTO4 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

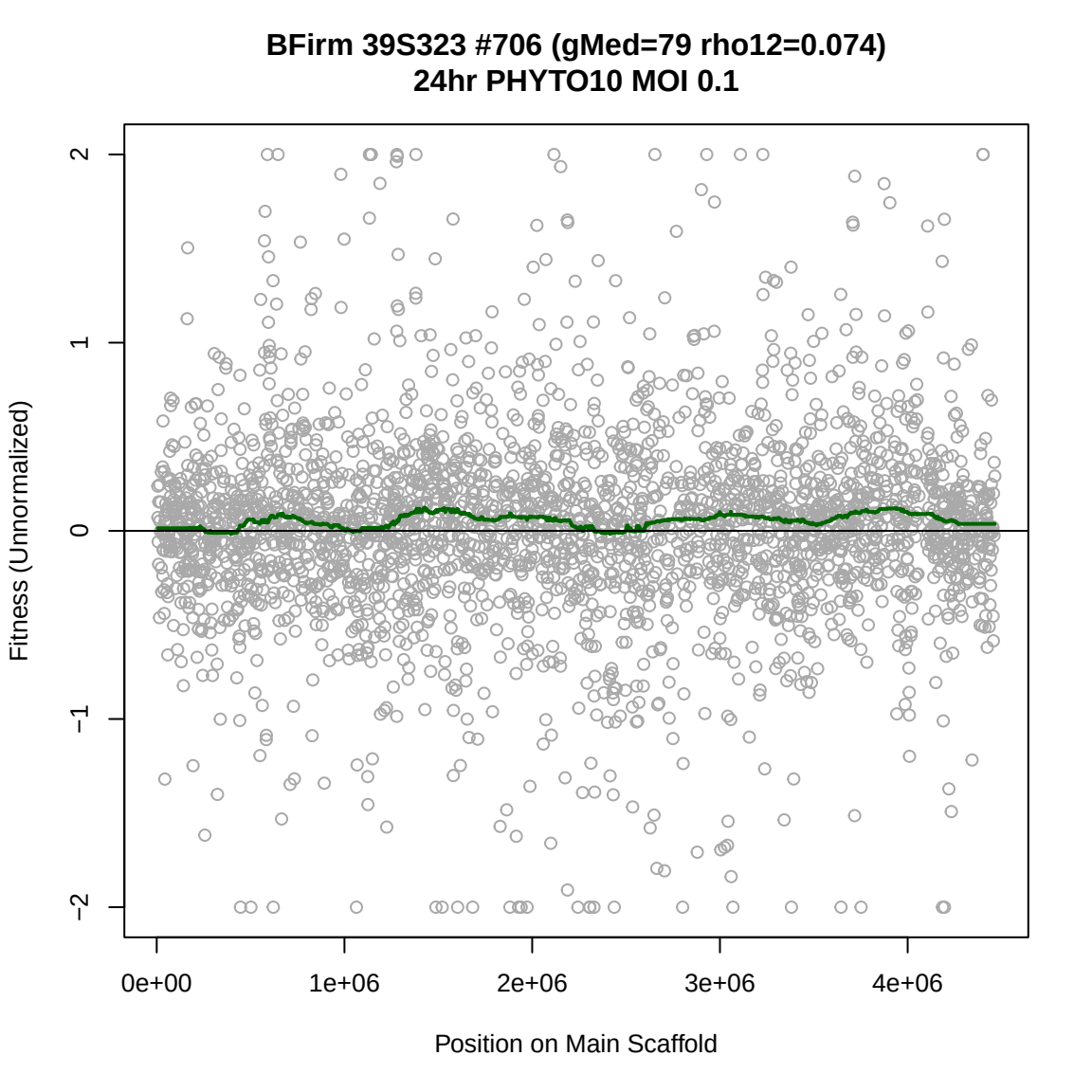

BFirm 39S318 #701 (gMed=83 rho12=0.107)
24hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

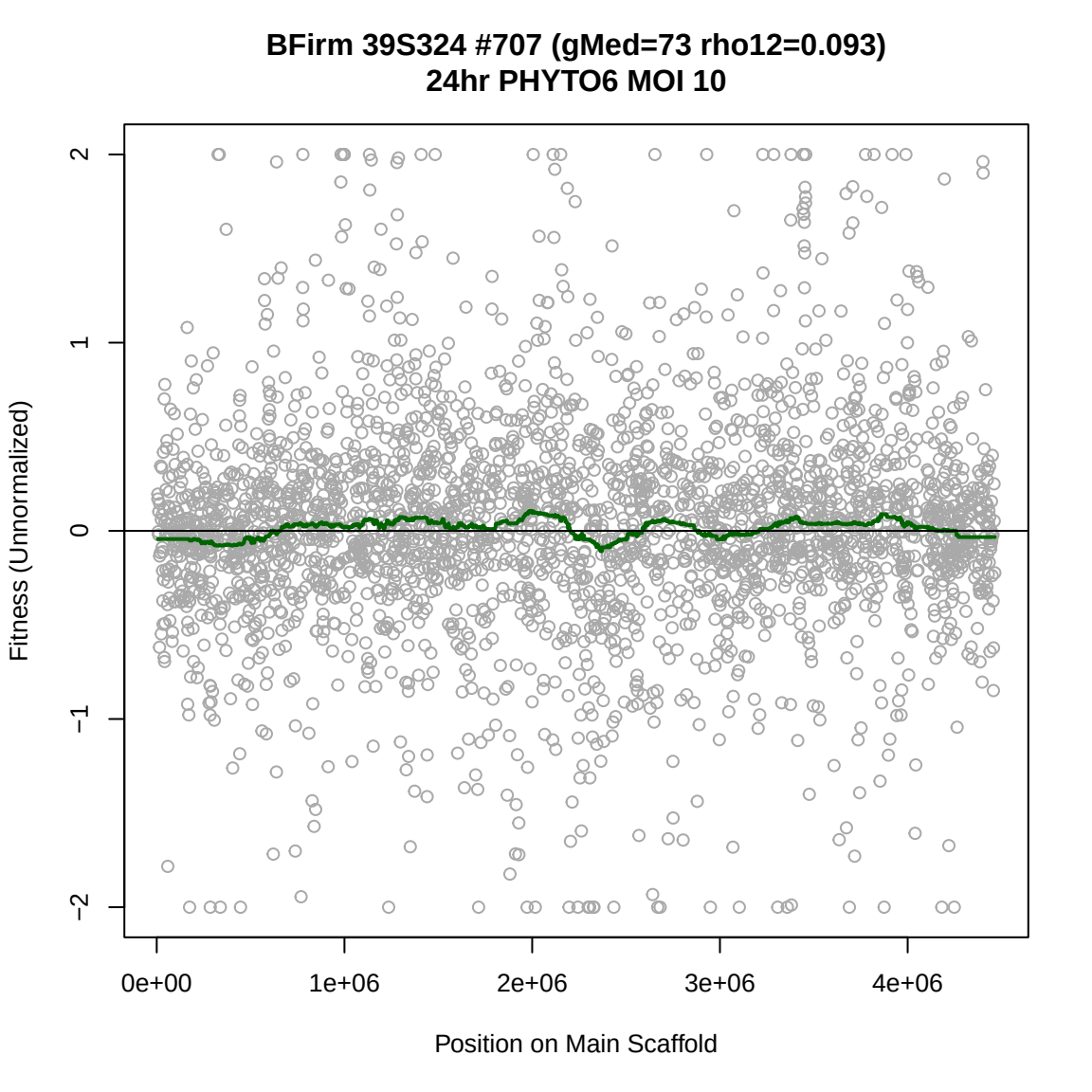

BFirm 39S319 #702 (gMed=81 rho12=0.128)
24hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

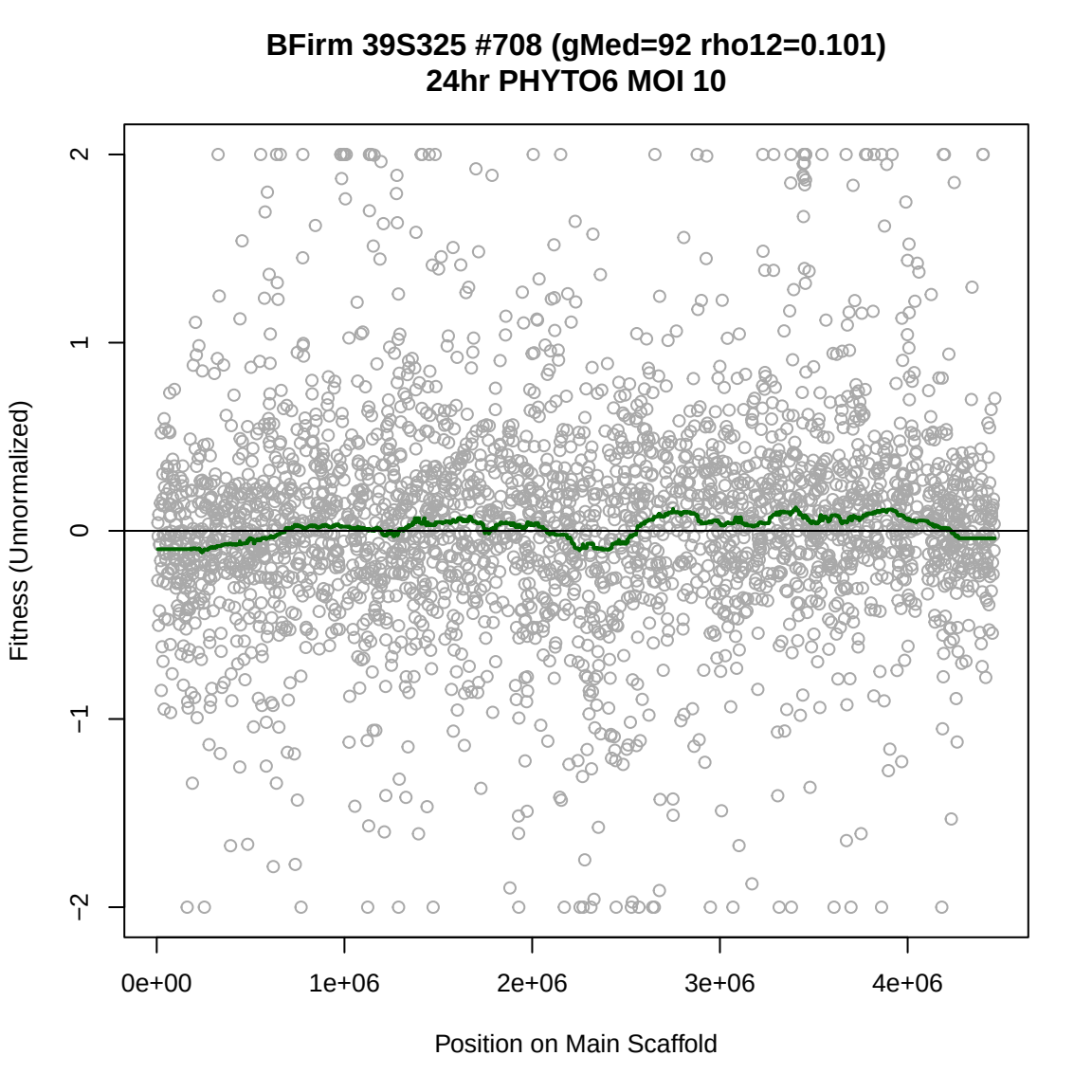

BFirm 39S320 #703 (gMed=82 rho12=0.111)
24hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

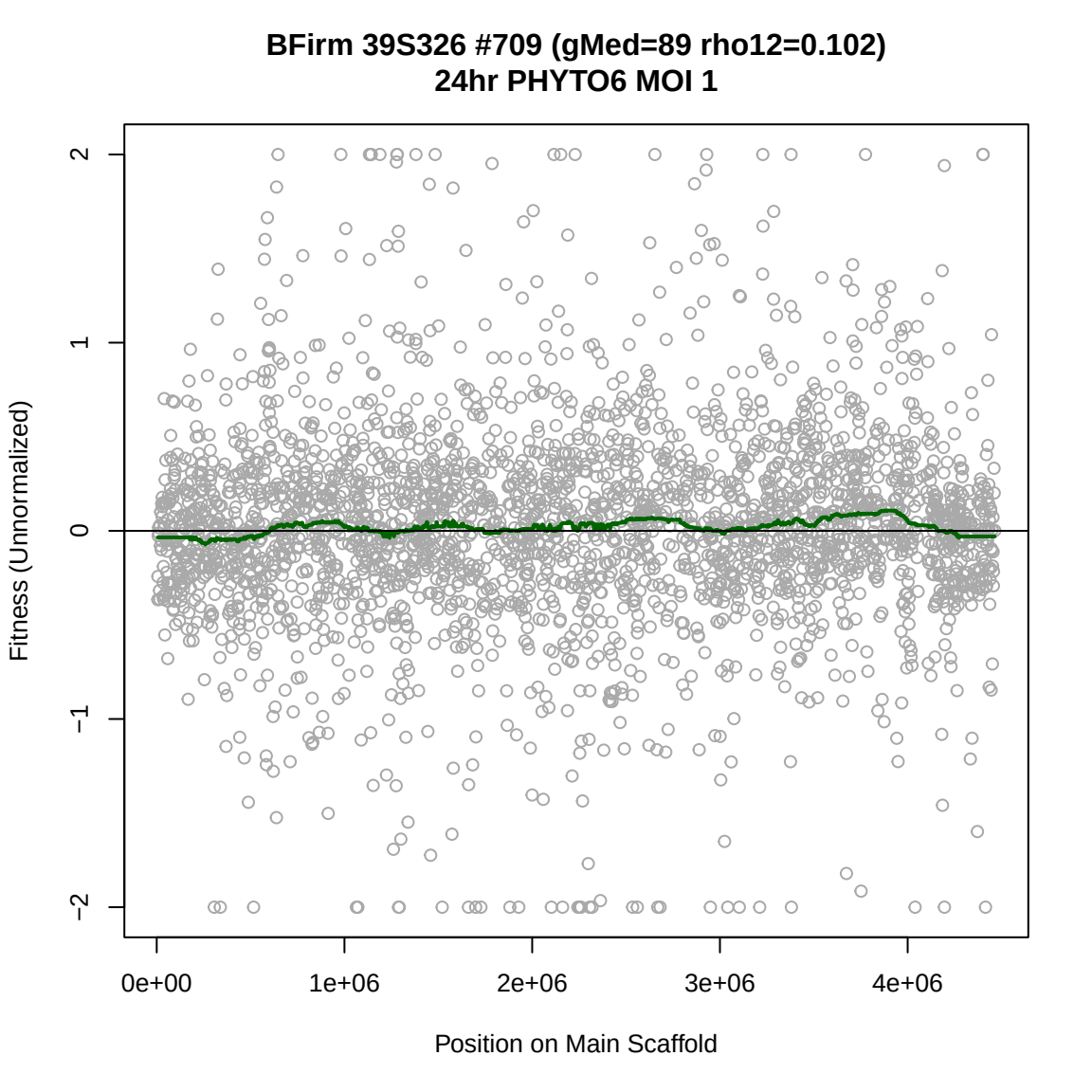

BFirm 39S321 #704 (gMed=92 rho12=0.088)
24hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

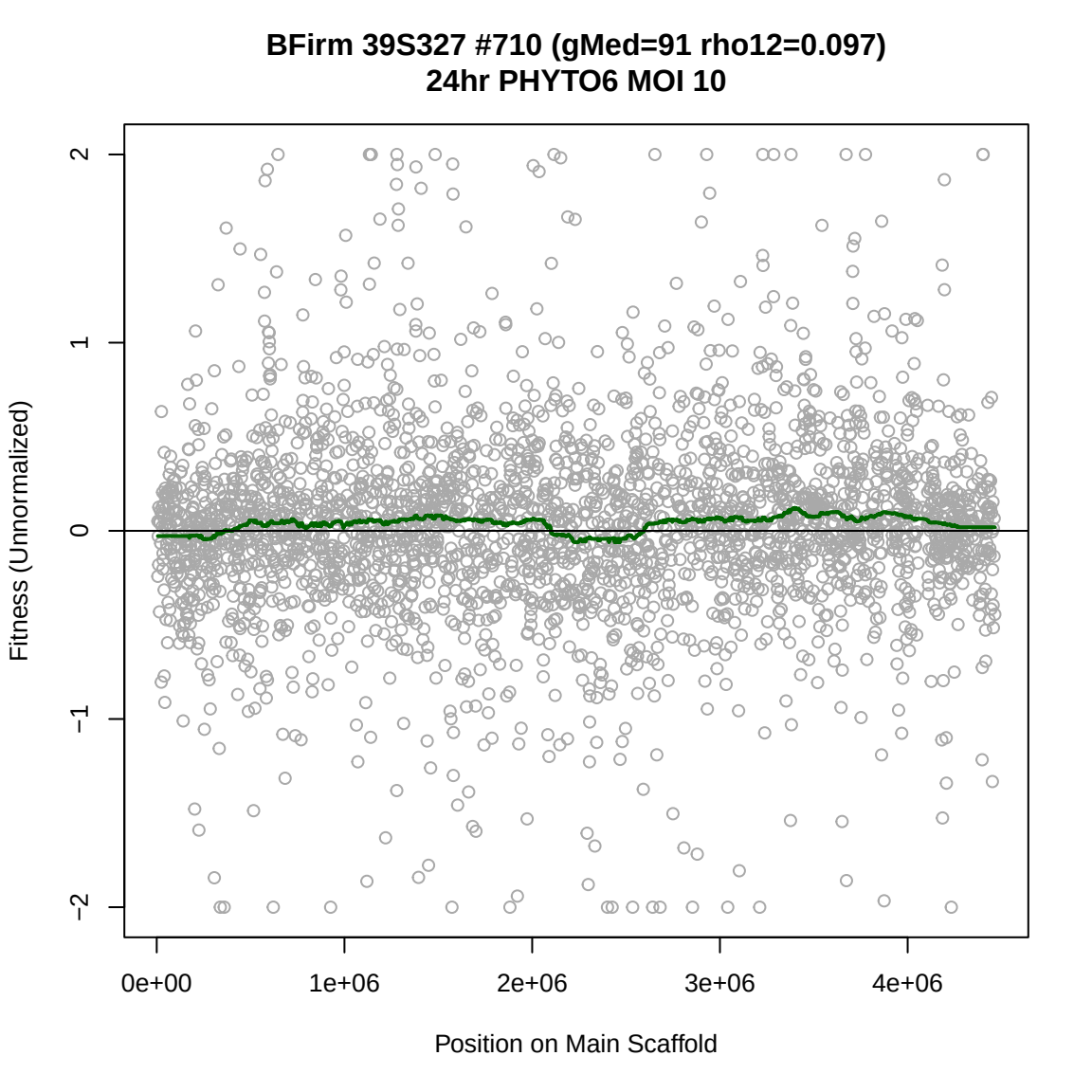

BFirm 39S322 #705 (gMed=84 rho12=0.072)
24hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

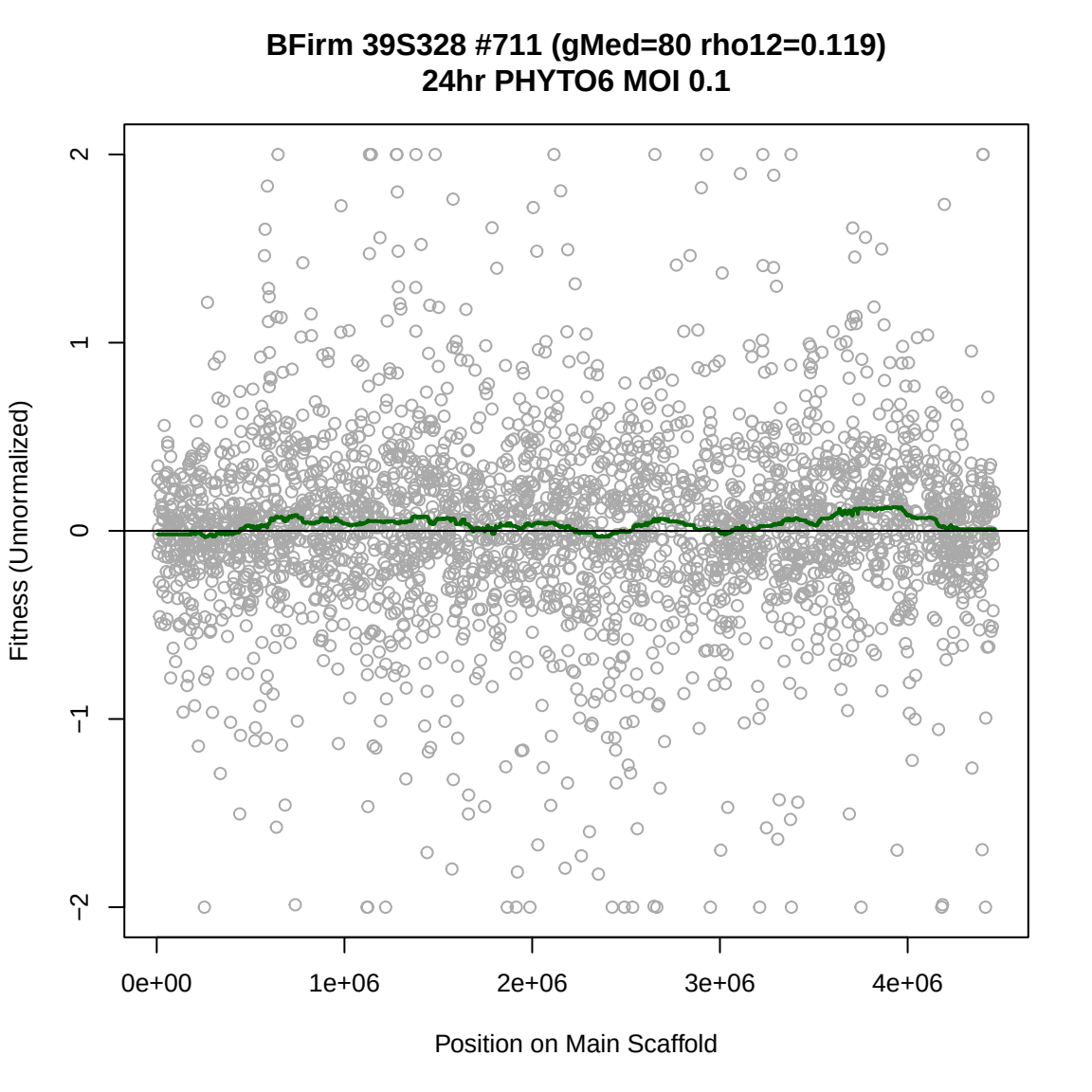

BFirm 39S323 #706 (gMed=79 rho12=0.074)
24hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

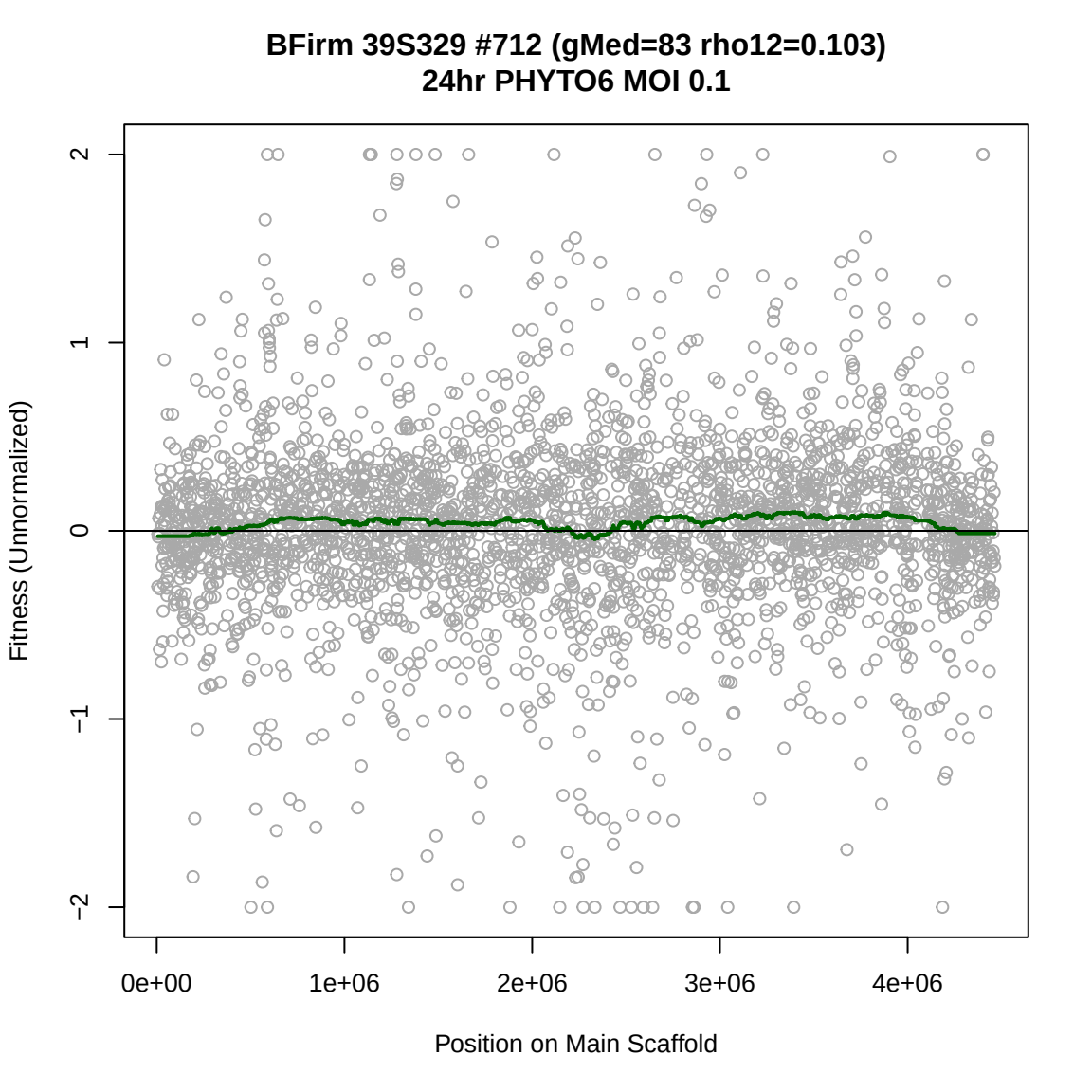

BFirm 39S324 #707 (gMed=73 rho12=0.093)
24hr PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

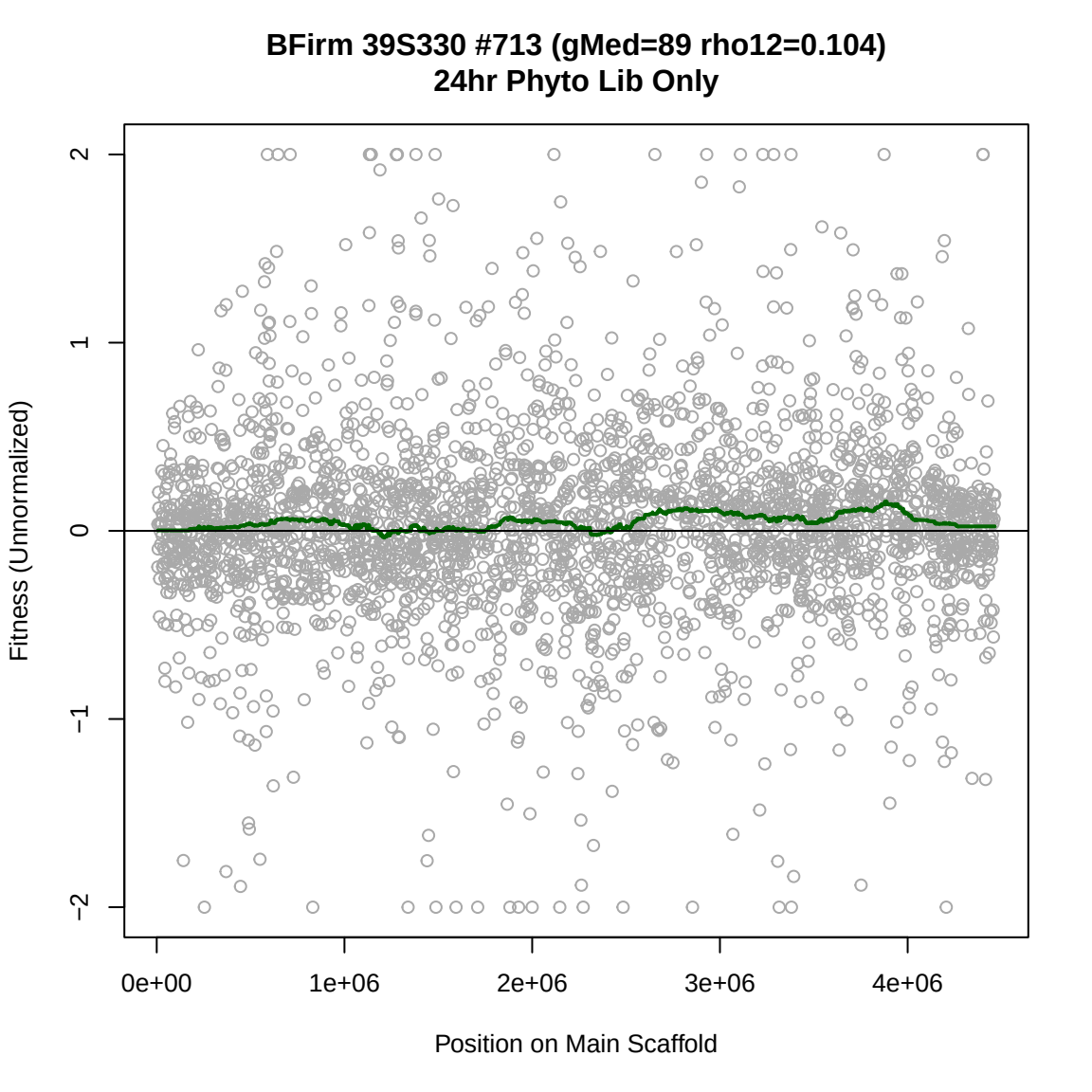

BFirm 39S325 #708 (gMed=92 rho12=0.101)
24hr PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

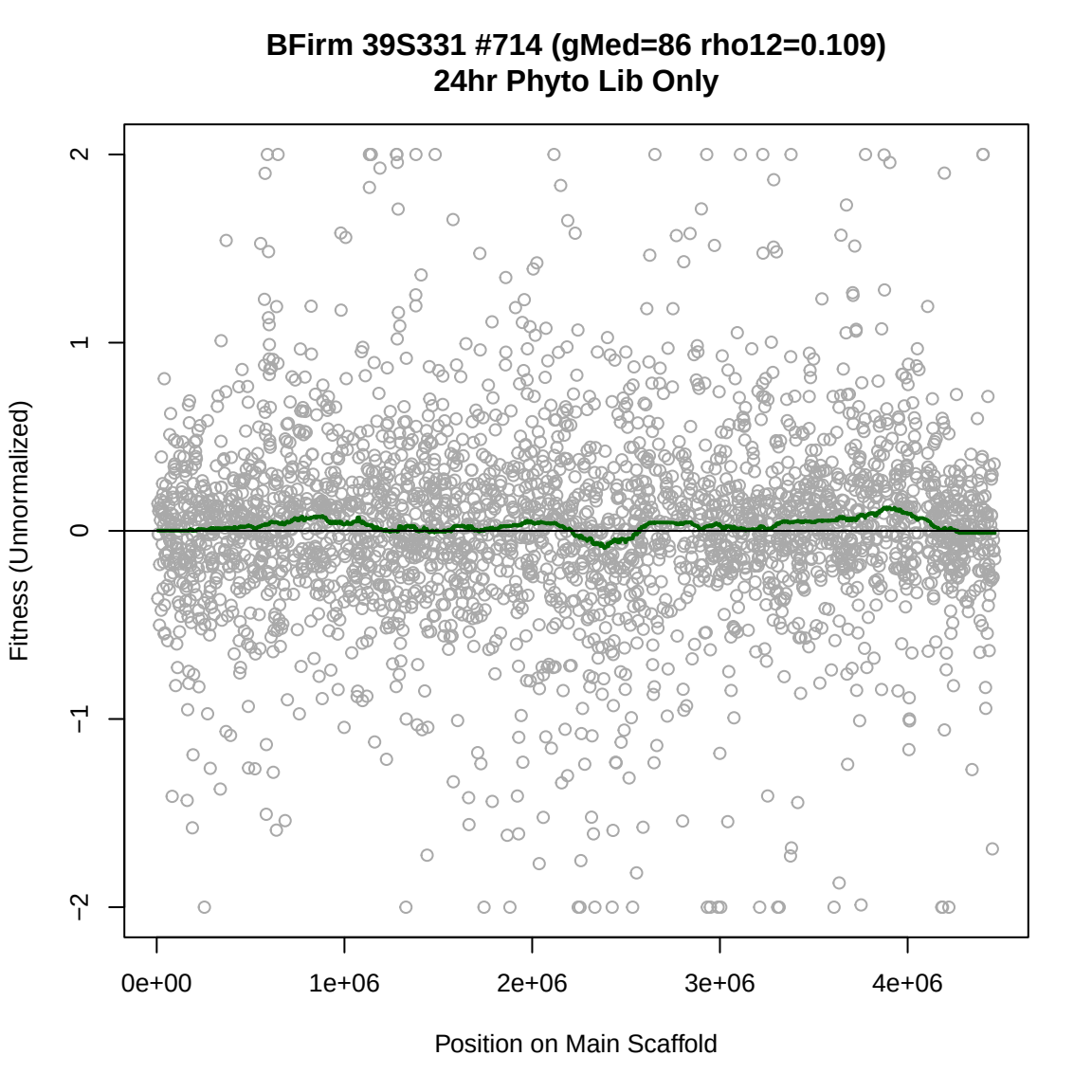

BFirm 39S326 #709 (gMed=89 rho12=0.102)
24hr PHYTO6 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

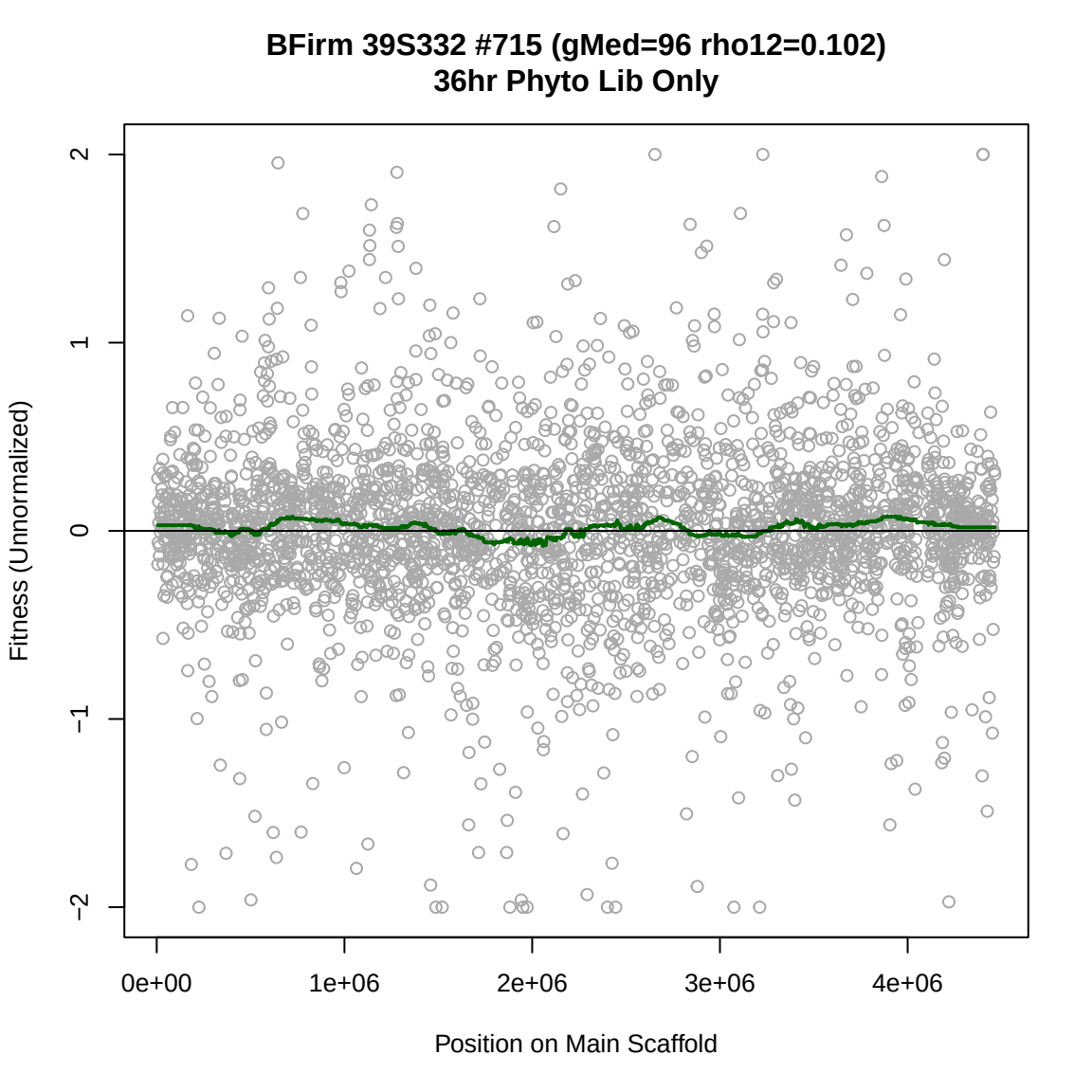

BFirm 39S327 #710 (gMed=91 rho12=0.097)
24hr PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

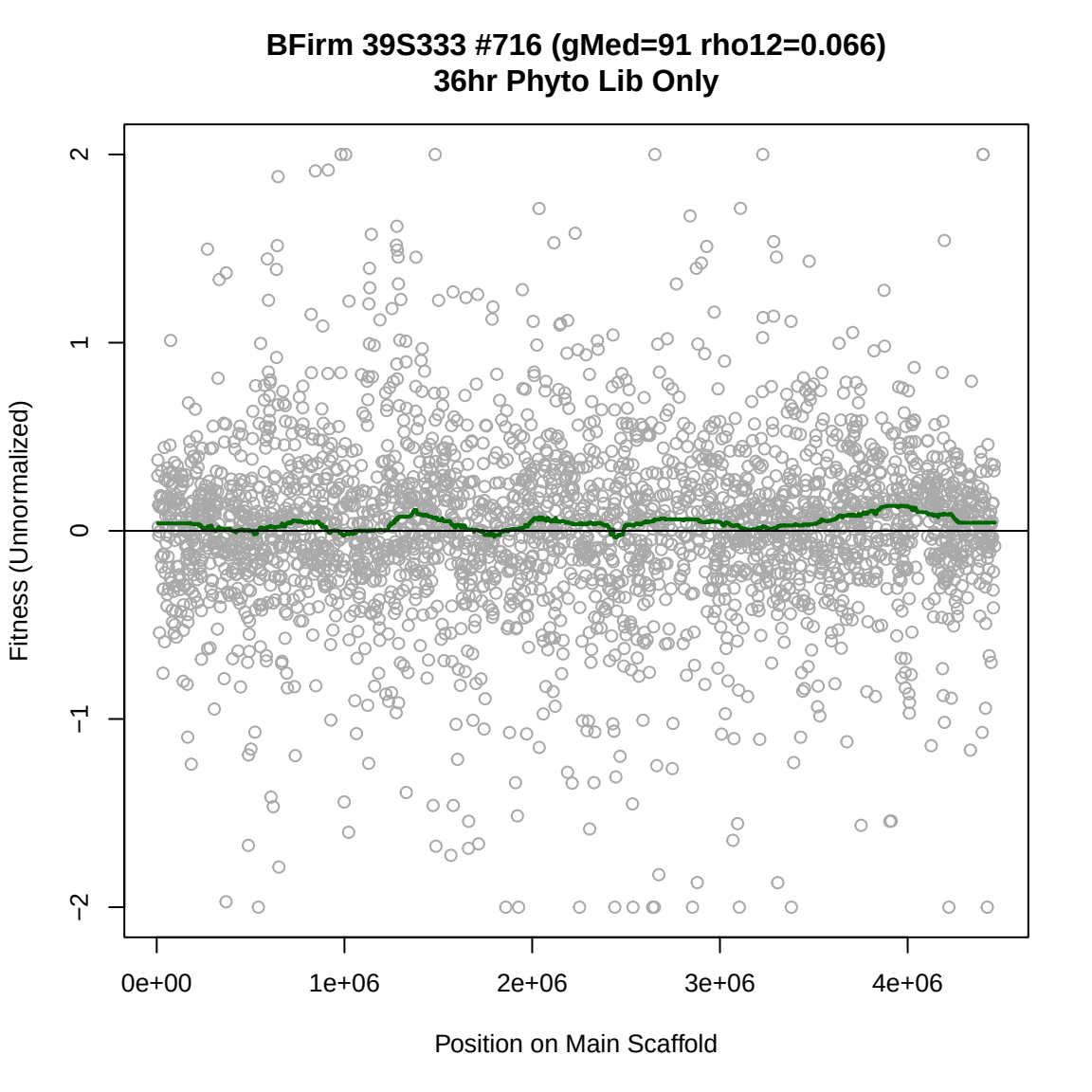

BFirm 39S328 #711 (gMed=80 rho12=0.119)
24hr PHYTO6 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

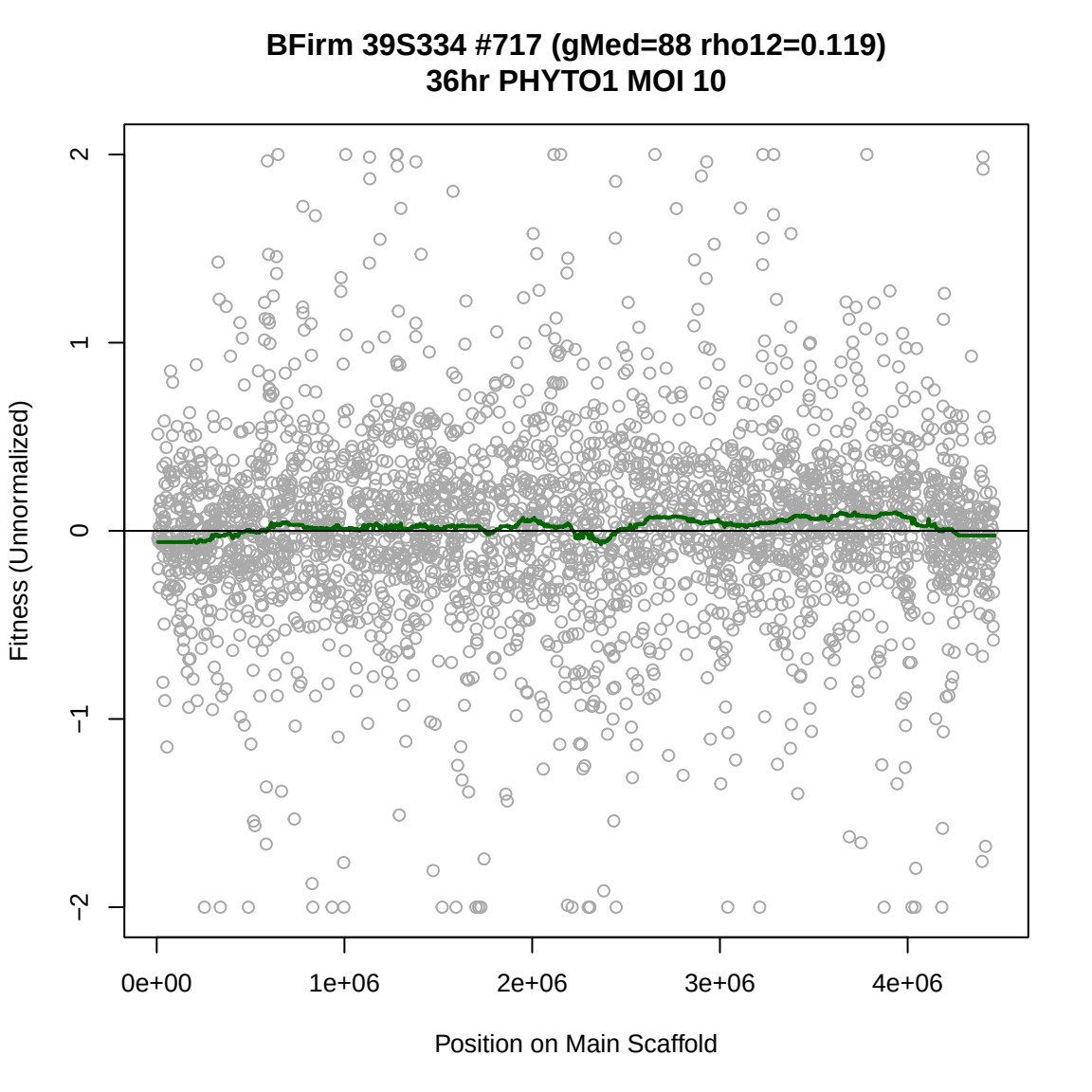

BFirm 39S329 #712 (gMed=83 rho12=0.103)
24hr PHYTO6 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

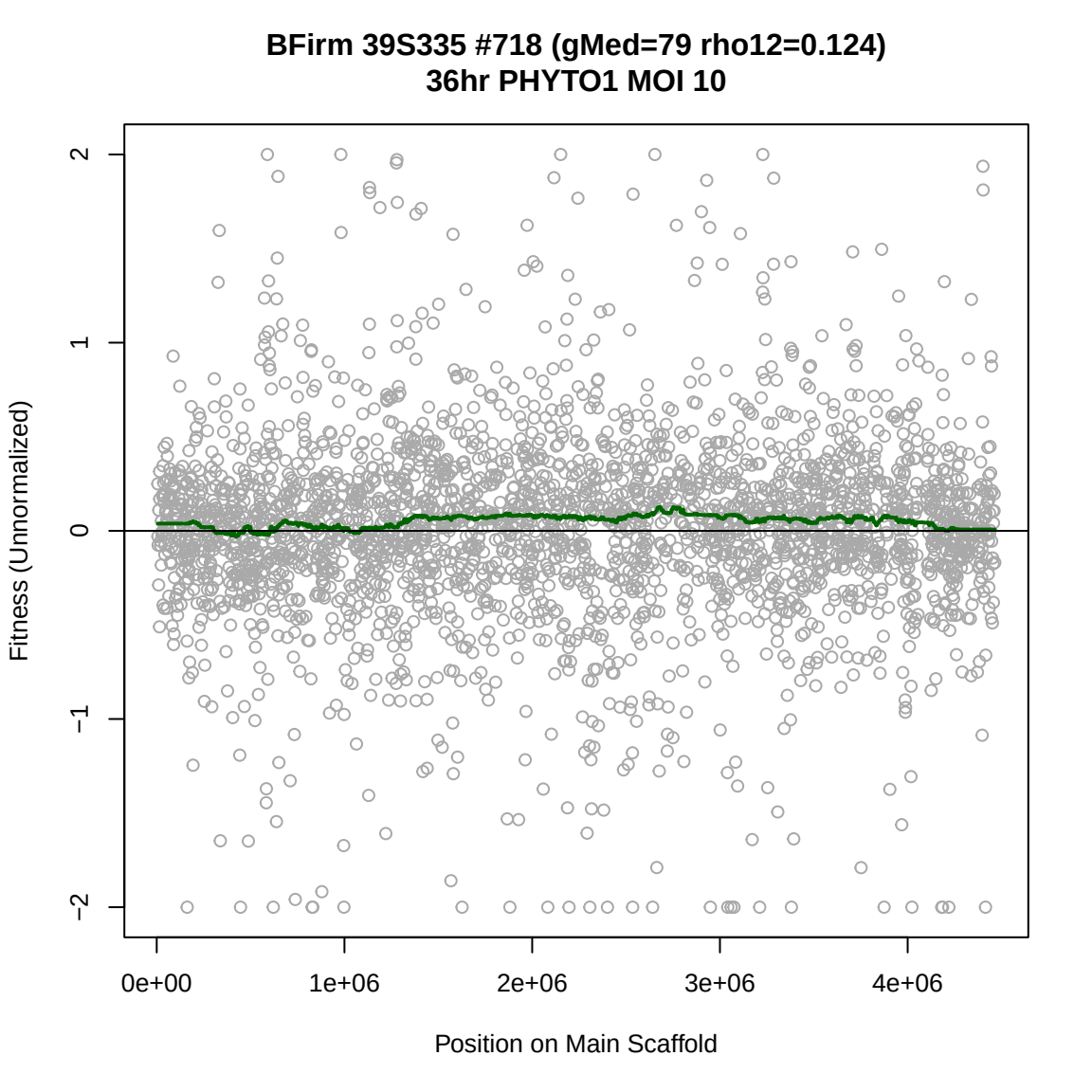

BFirm 39S330 #713 (gMed=89 rho12=0.104)
24hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

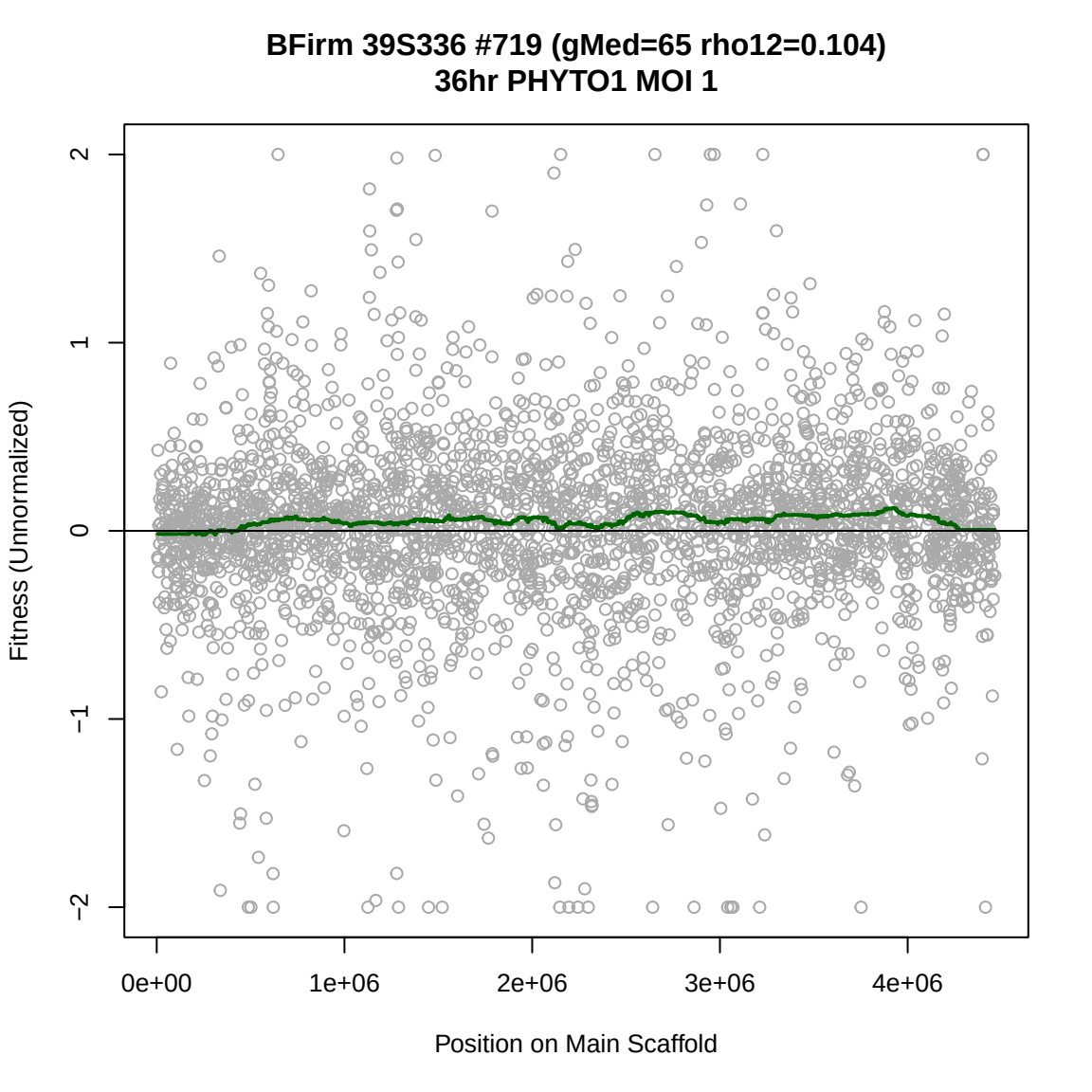

BFirm 39S331 #714 (gMed=86 rho12=0.109)
24hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

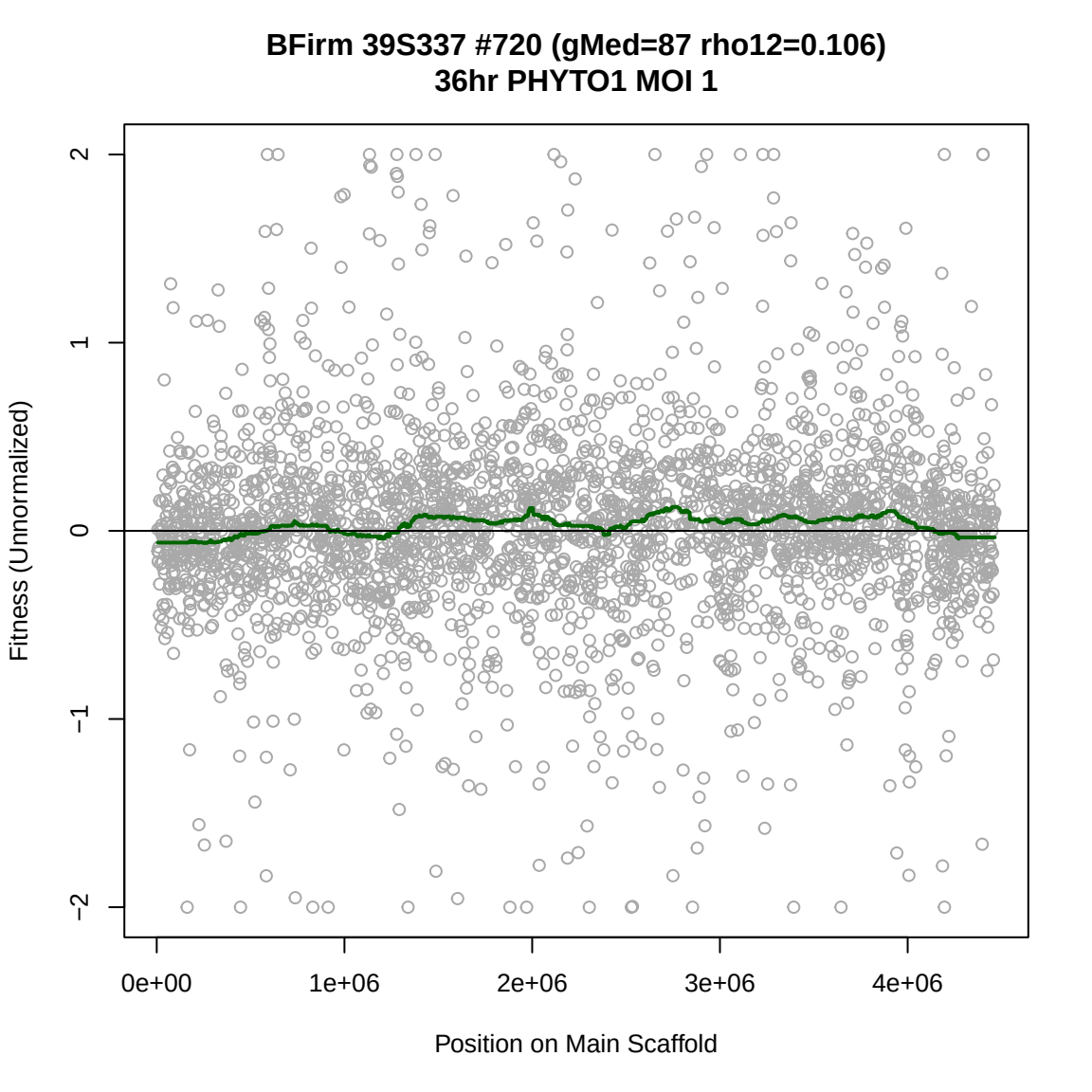

BFirm 39S332 #715 (gMed=96 rho12=0.102)
36hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

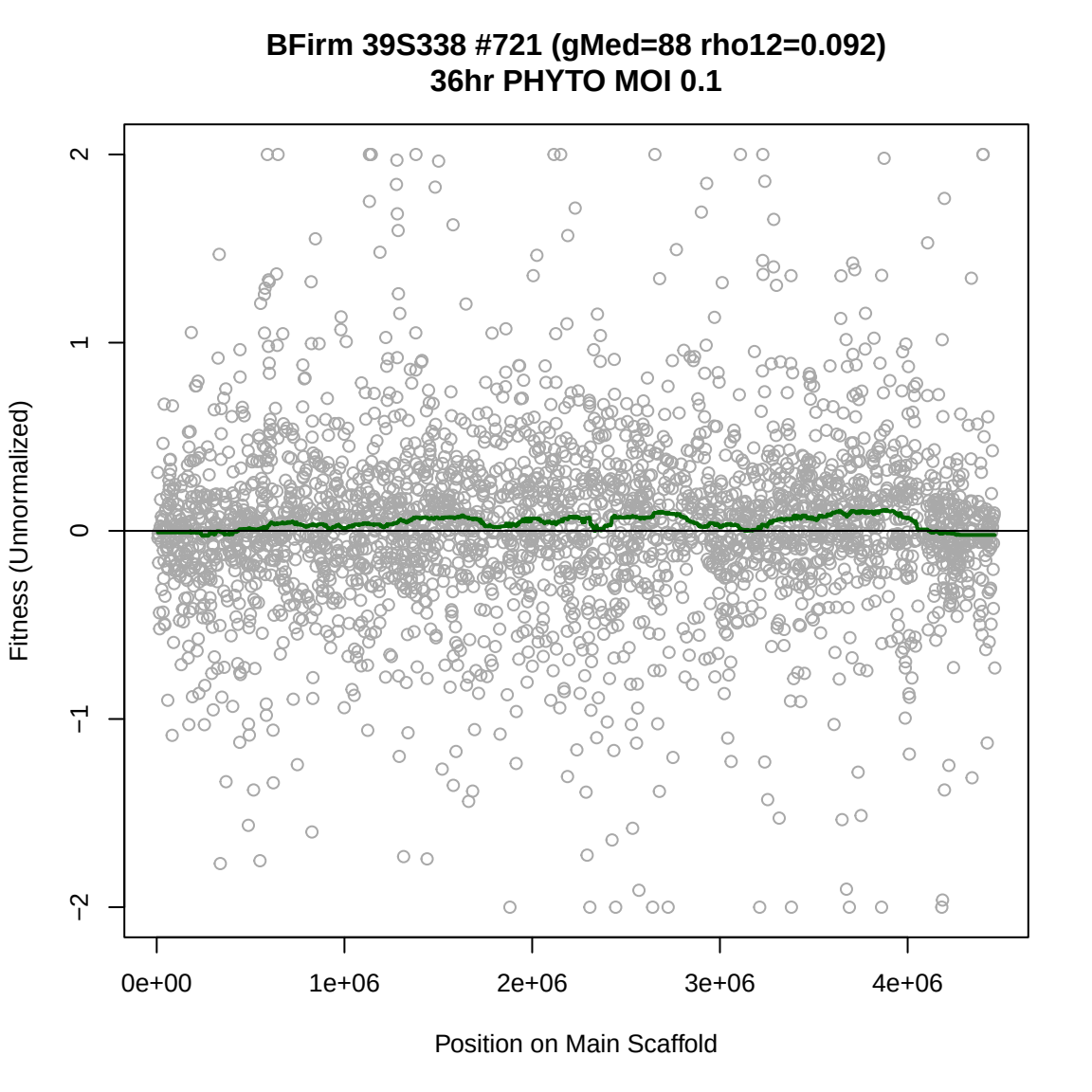

BFirm 39S333 #716 (gMed=91 rho12=0.066)
36hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

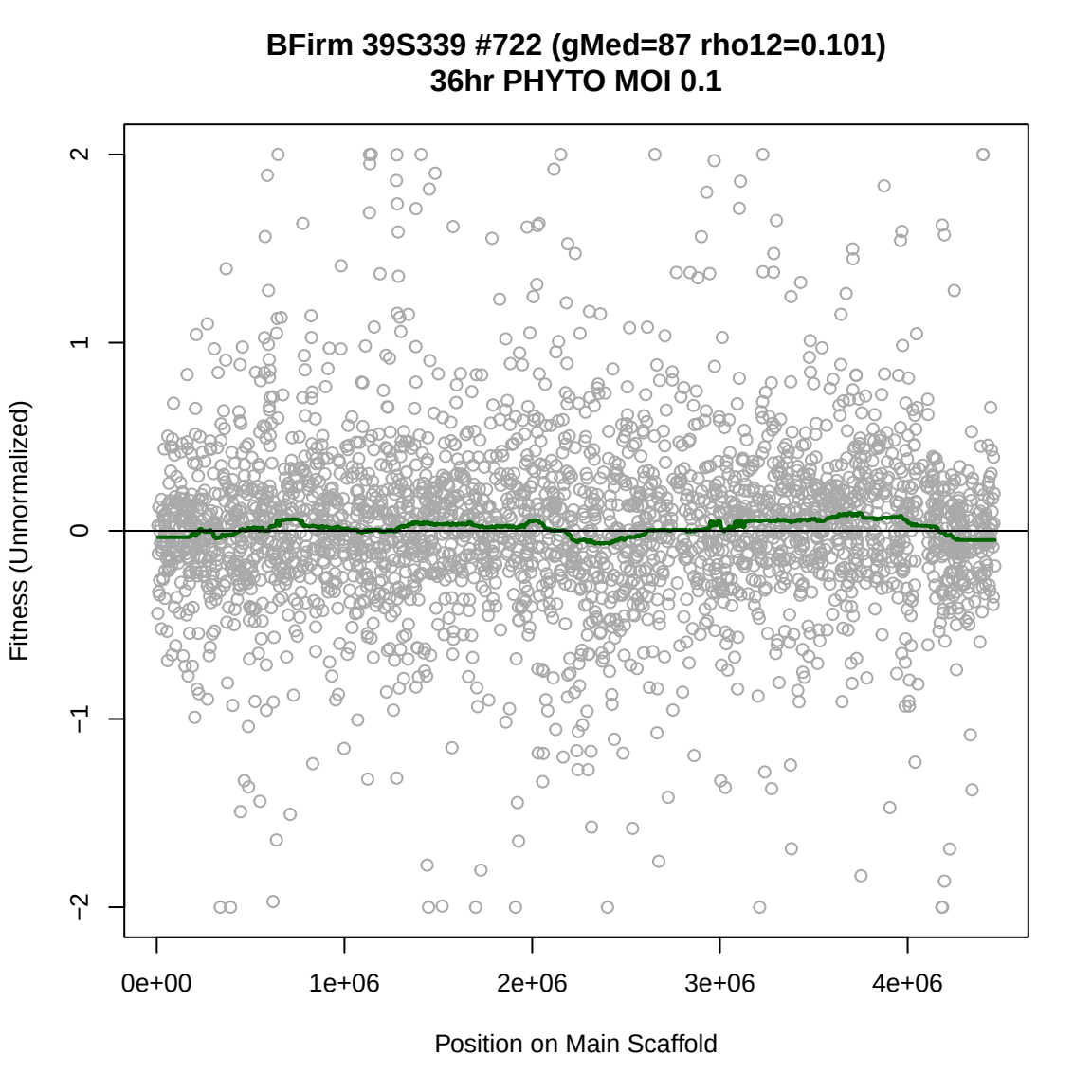

BFirm 39S334 #717 (gMed=88 rho12=0.119)
36hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

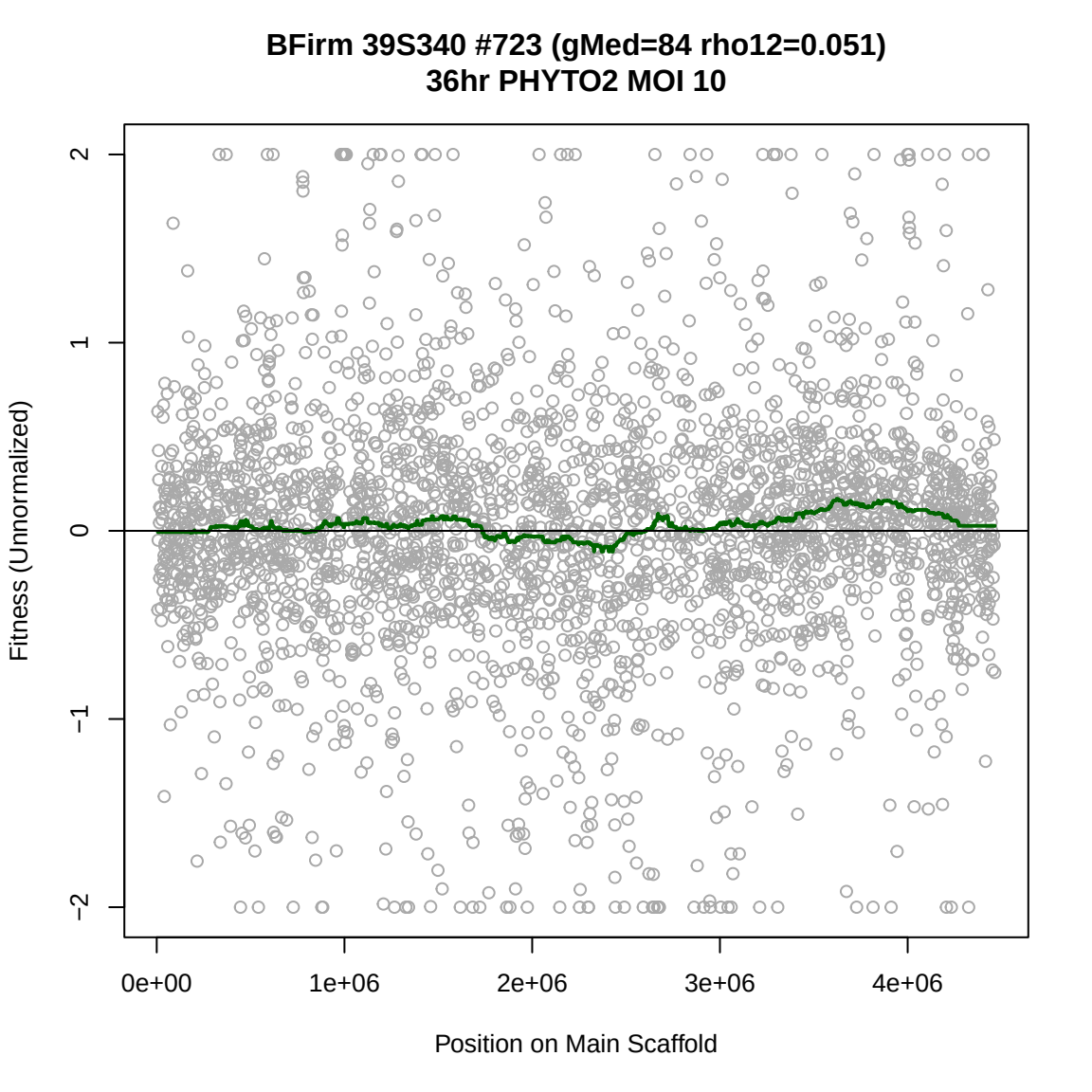

BFirm 39S335 #718 (gMed=79 rho12=0.124)
36hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

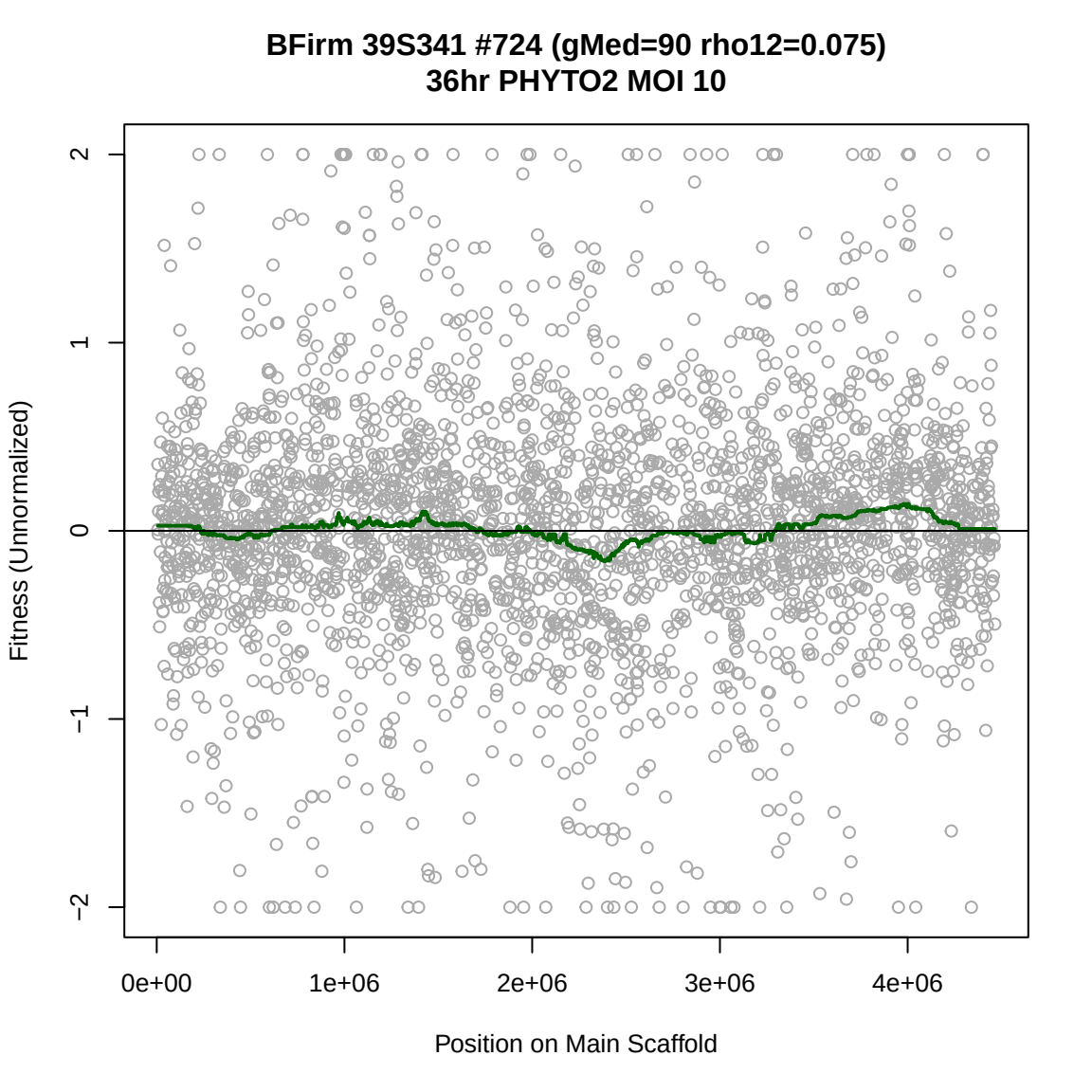

BFirm 39S336 #719 (gMed=65 rho12=0.104)
36hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

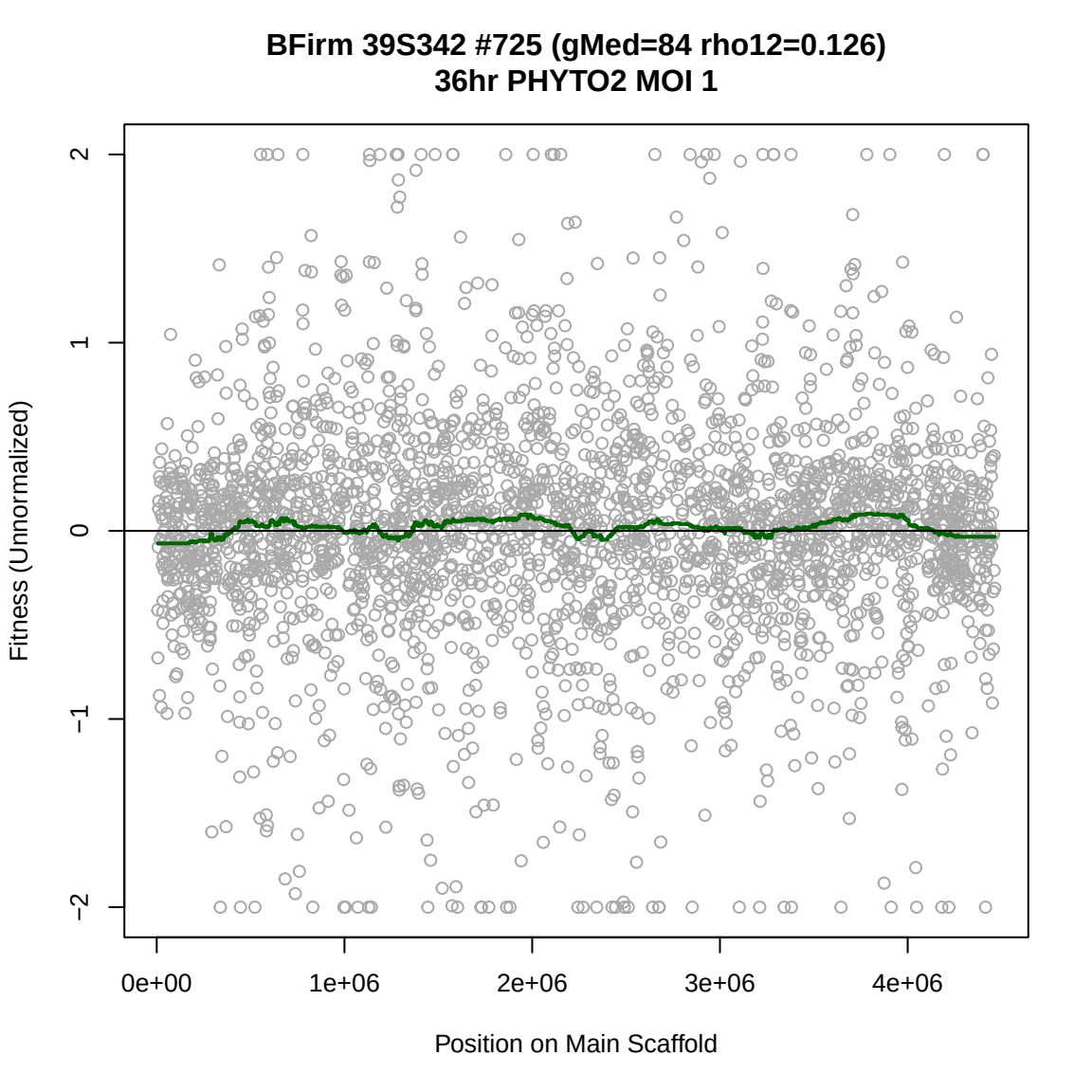

BFirm 39S337 #720 (gMed=87 rho12=0.106)
36hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

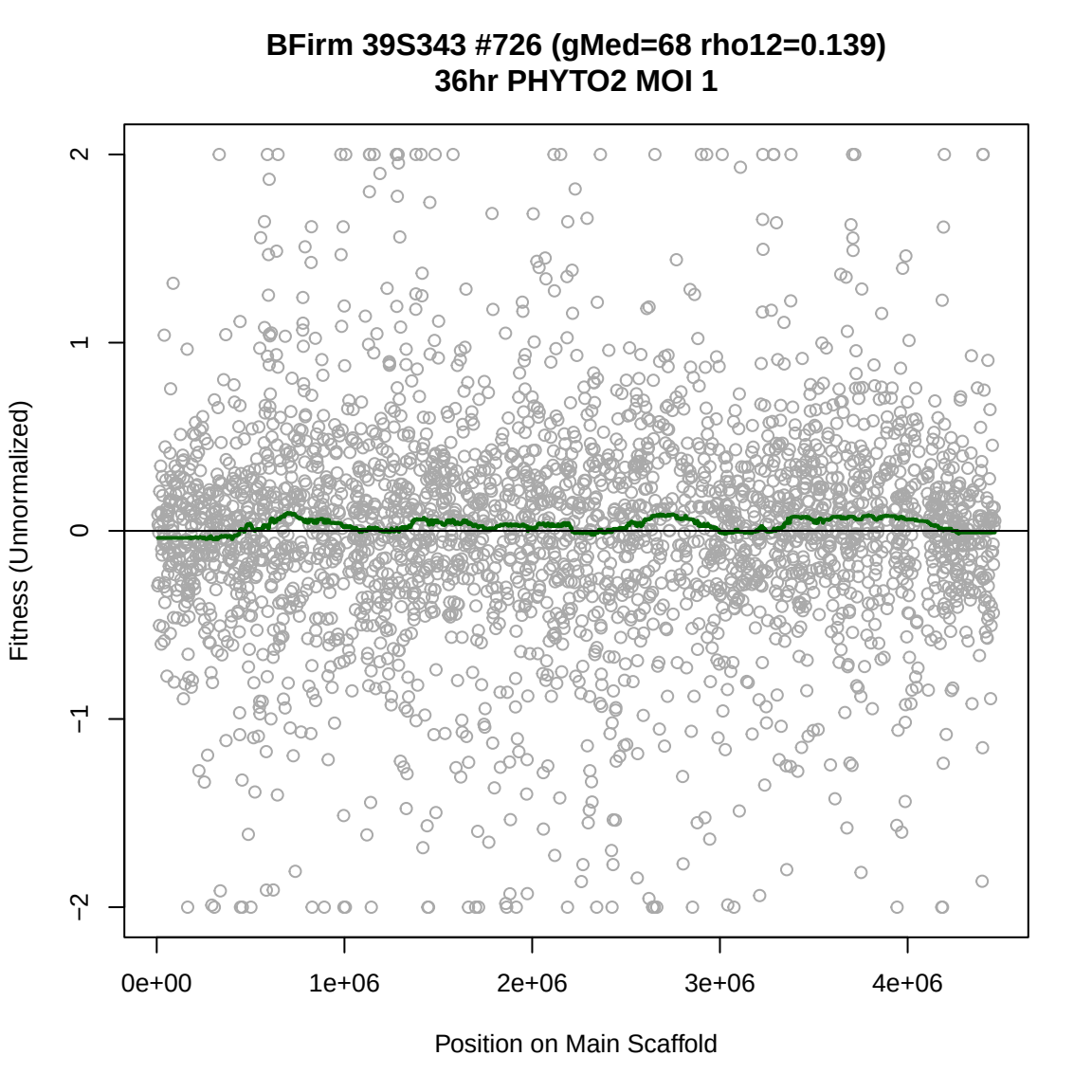

BFirm 39S338 #721 (gMed=88 rho12=0.092)
36hr PHYTO MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

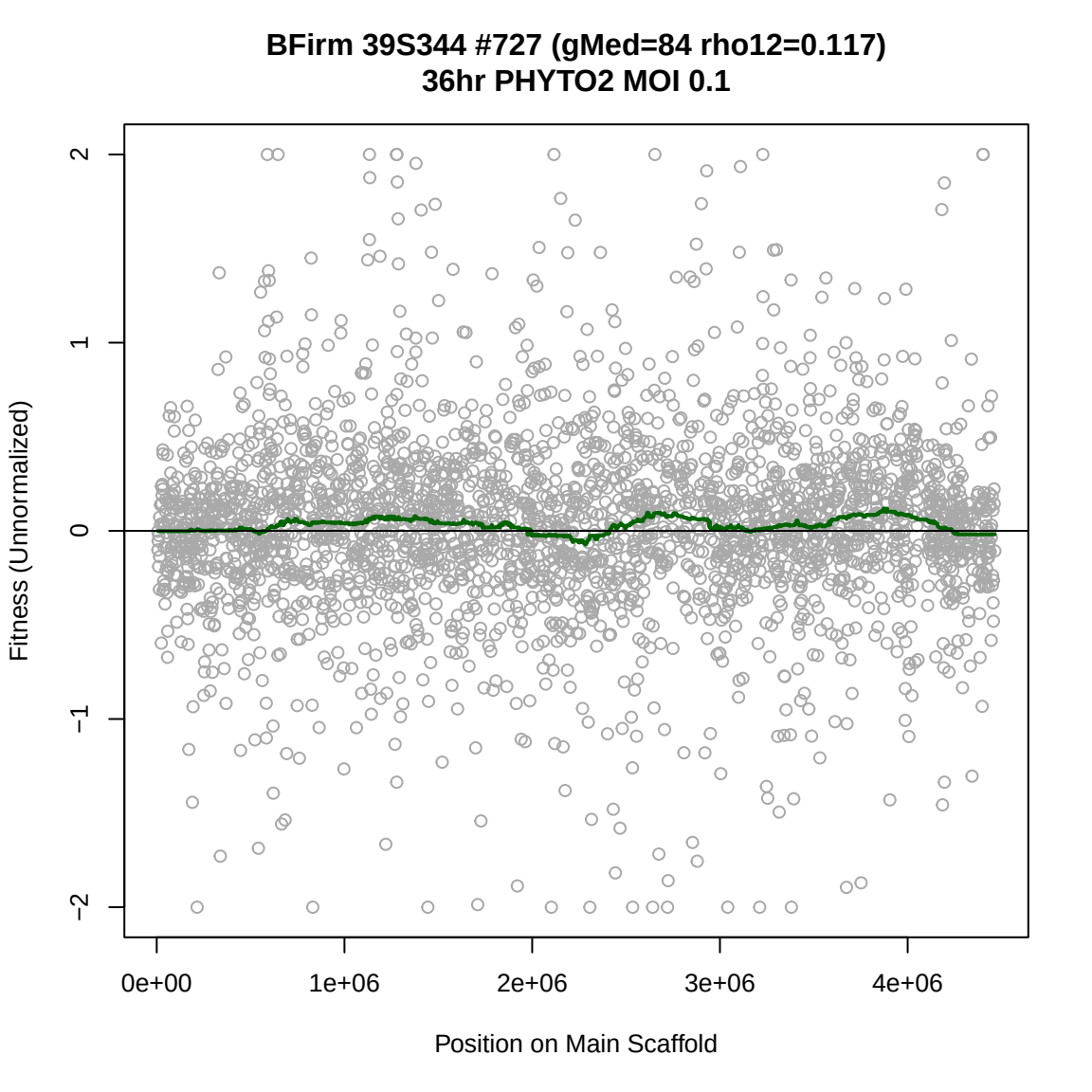

BFirm 39S339 #722 (gMed=87 rho12=0.101)
36hr PHYTO MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

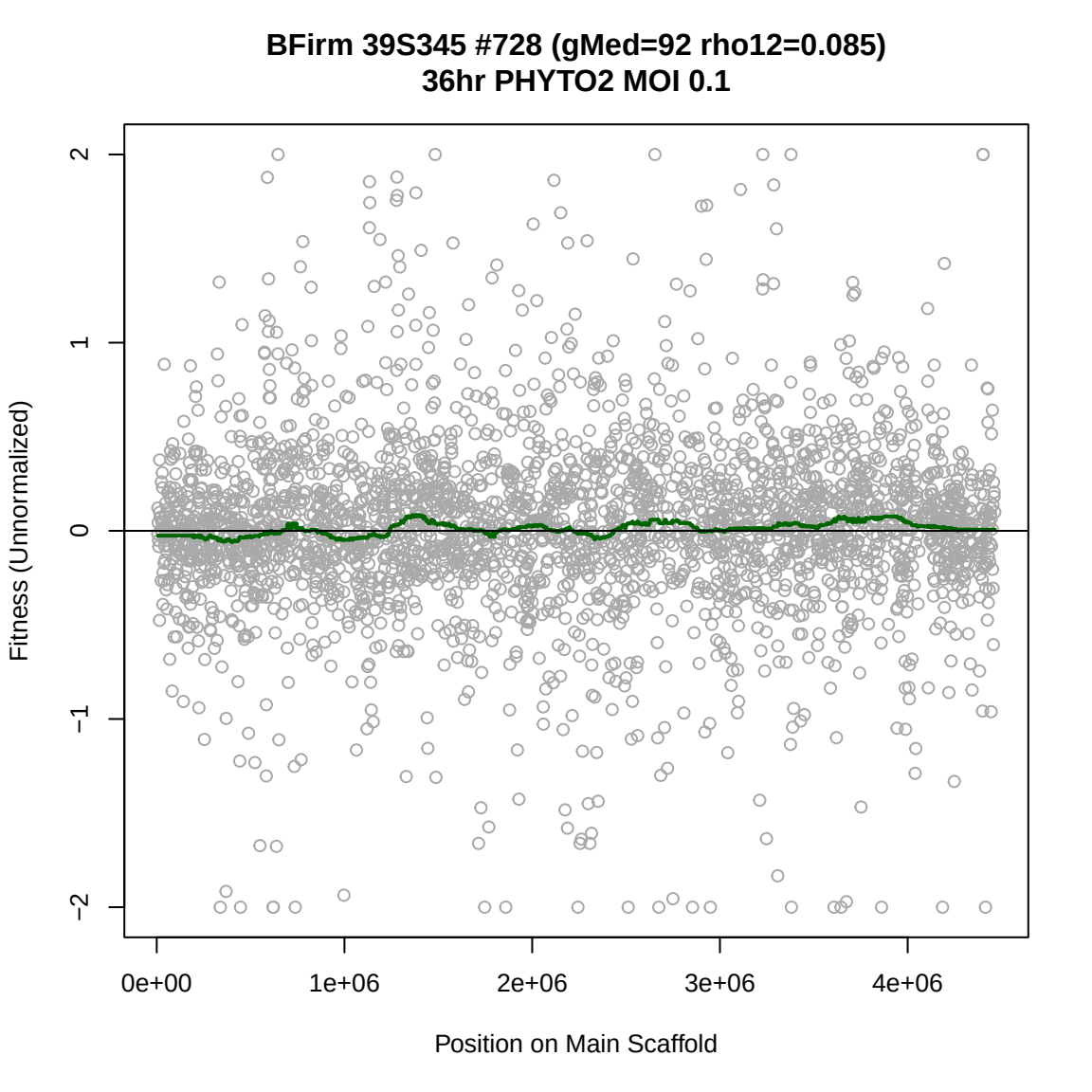

BFirm 39S340 #723 (gMed=84 rho12=0.051)
36hr PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

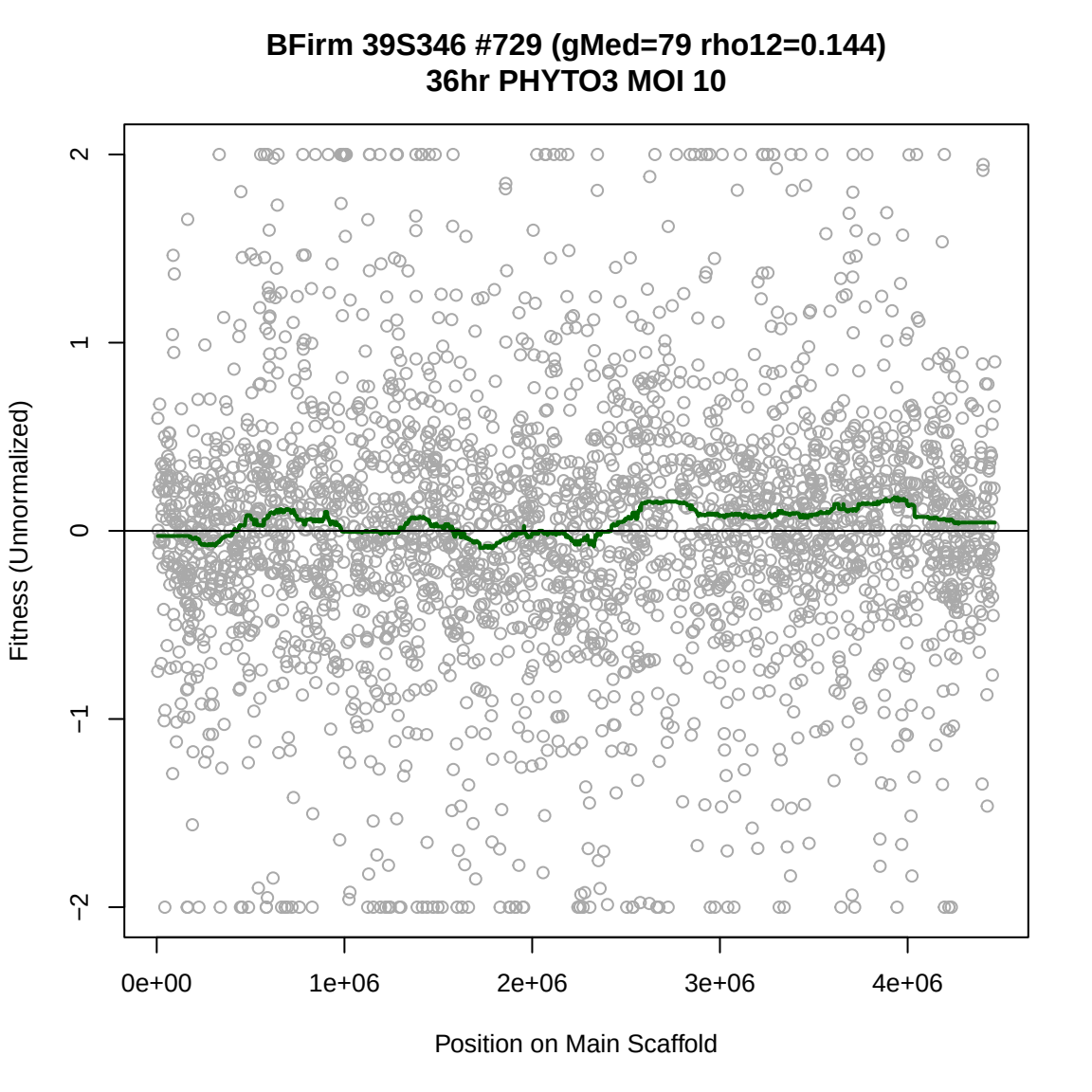

BFirm 39S341 #724 (gMed=90 rho12=0.075)
36hr PHYTO2 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

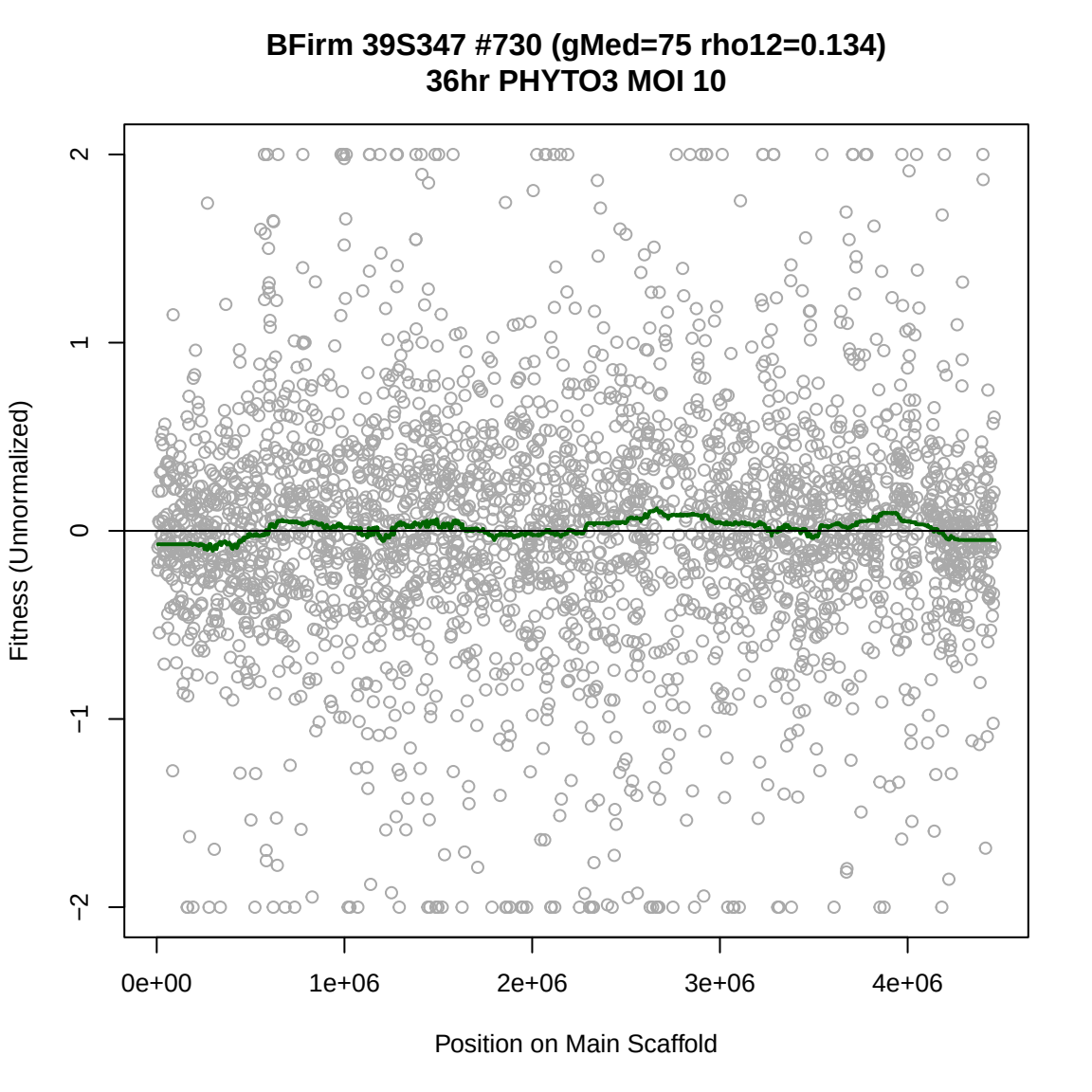

BFirm 39S342 #725 (gMed=84 rho12=0.126)
36hr PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

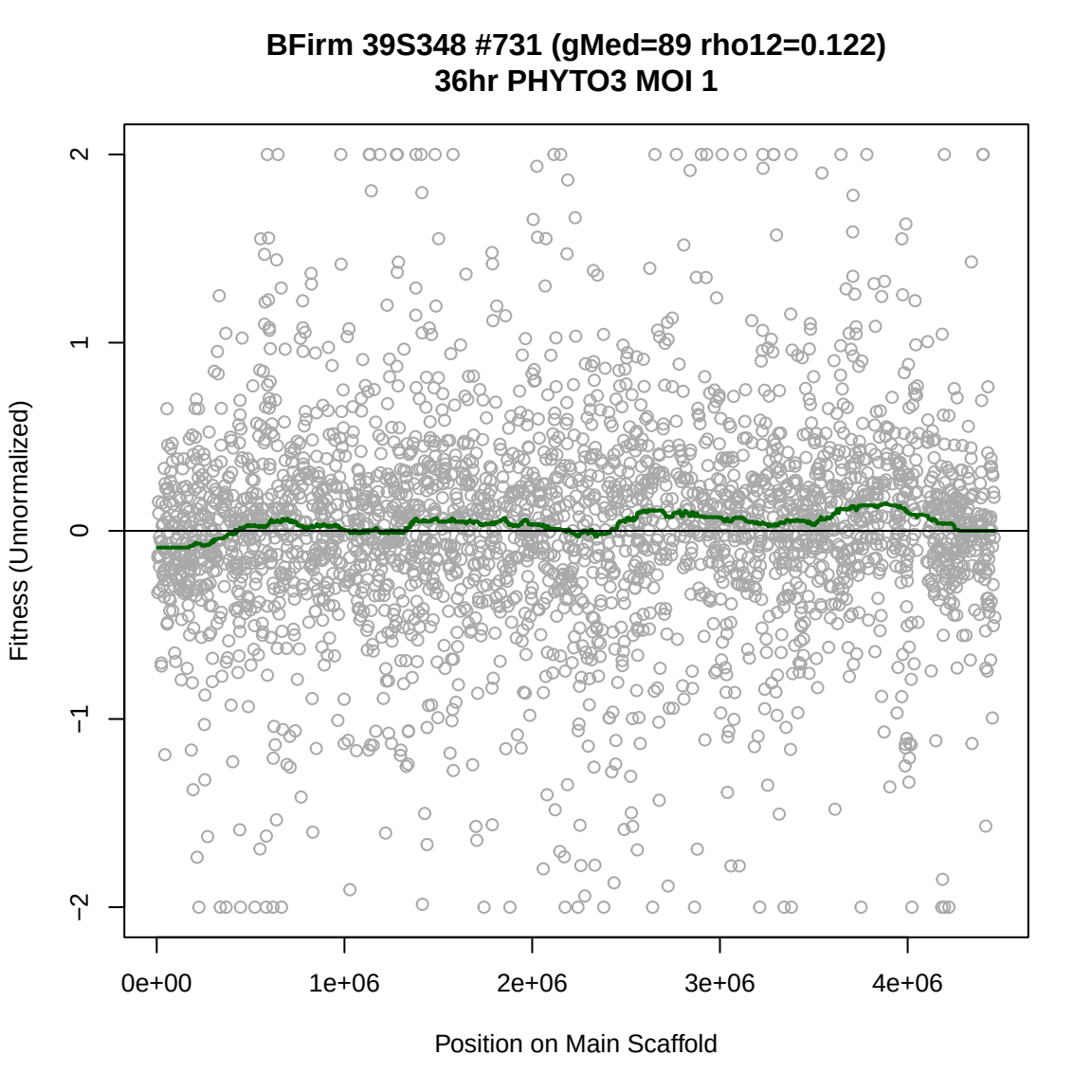

BFirm 39S343 #726 (gMed=68 rho12=0.139)
36hr PHYTO2 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

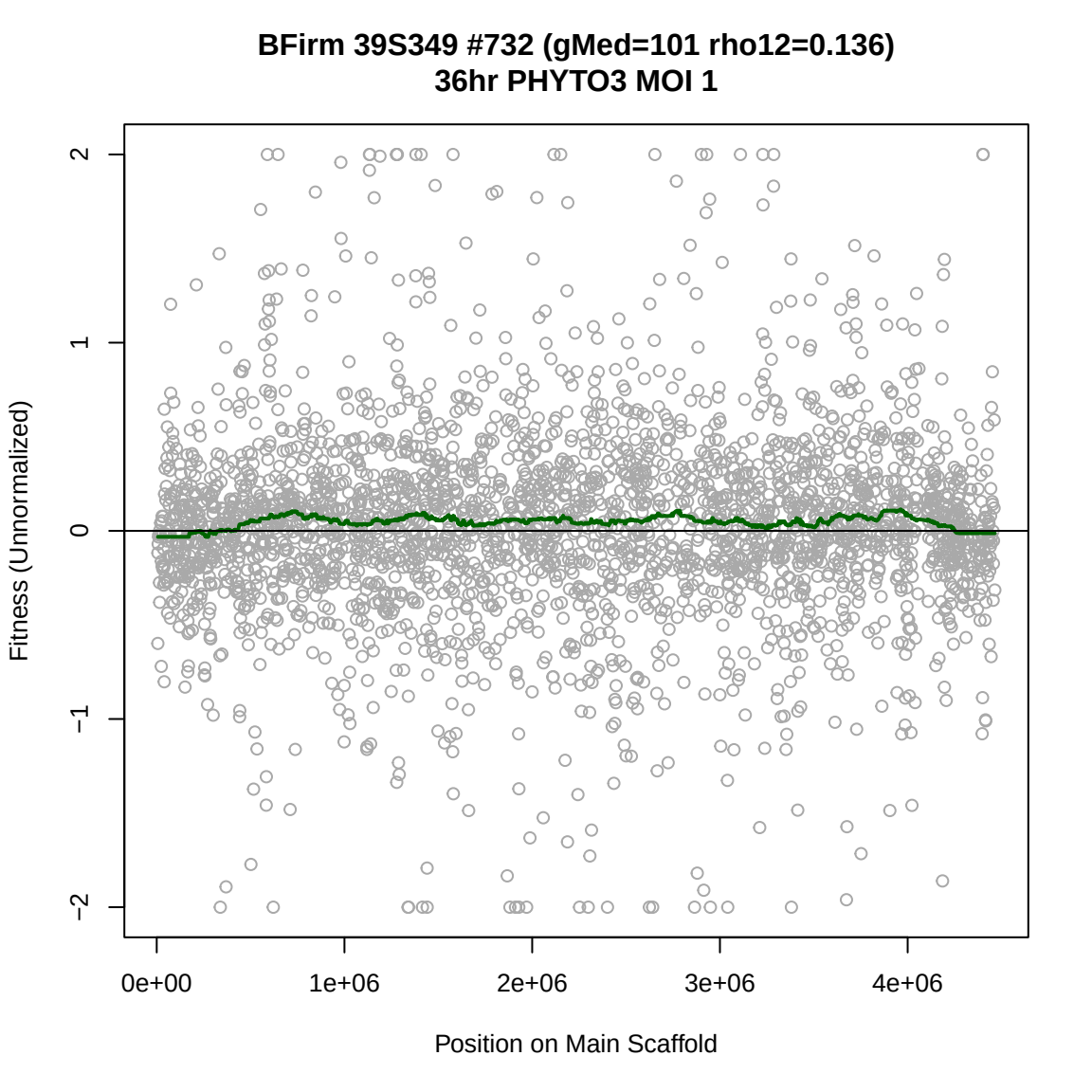

BFirm 39S344 #727 (gMed=84 rho12=0.117)
36hr PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

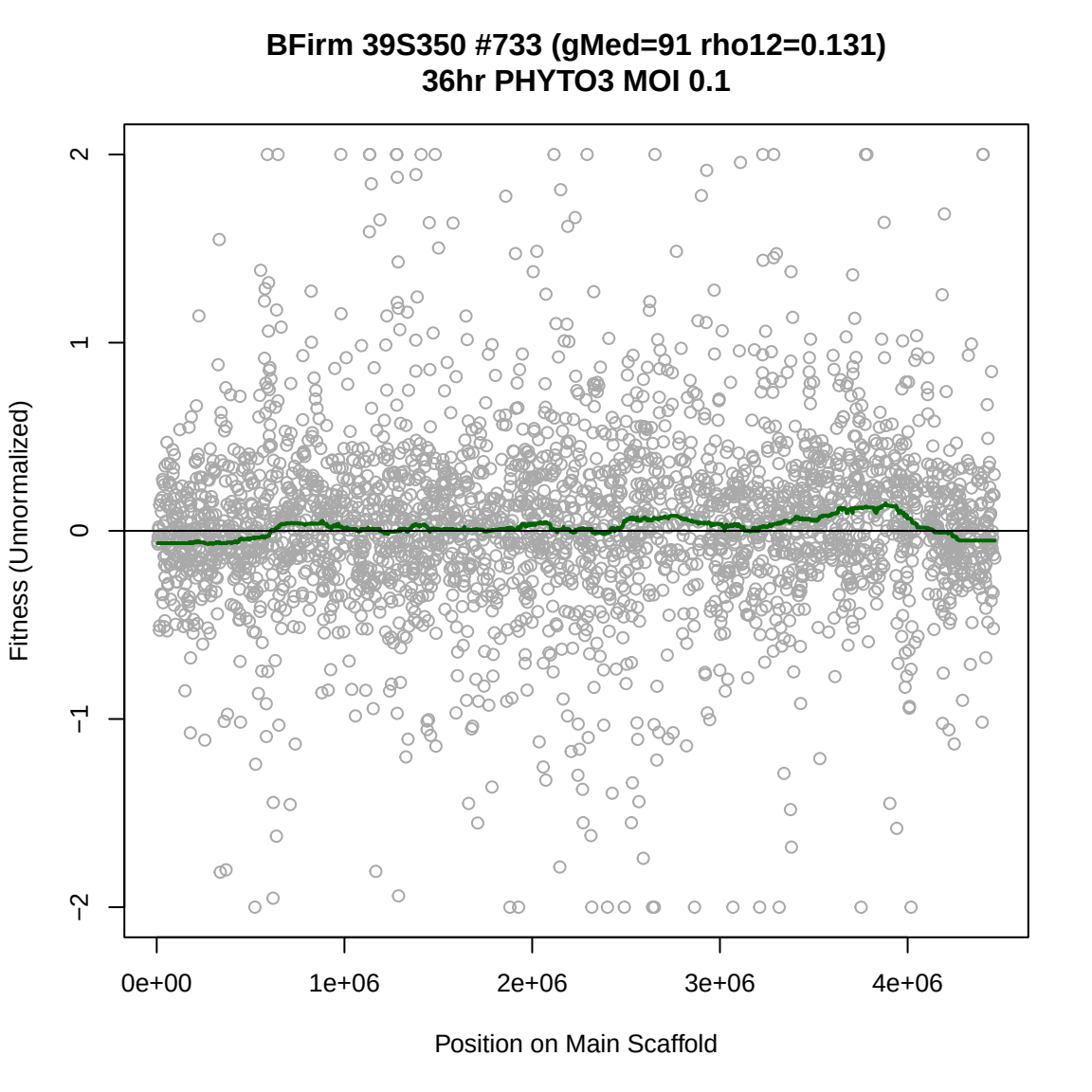

BFirm 39S345 #728 (gMed=92 rho12=0.085)
36hr PHYTO2 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

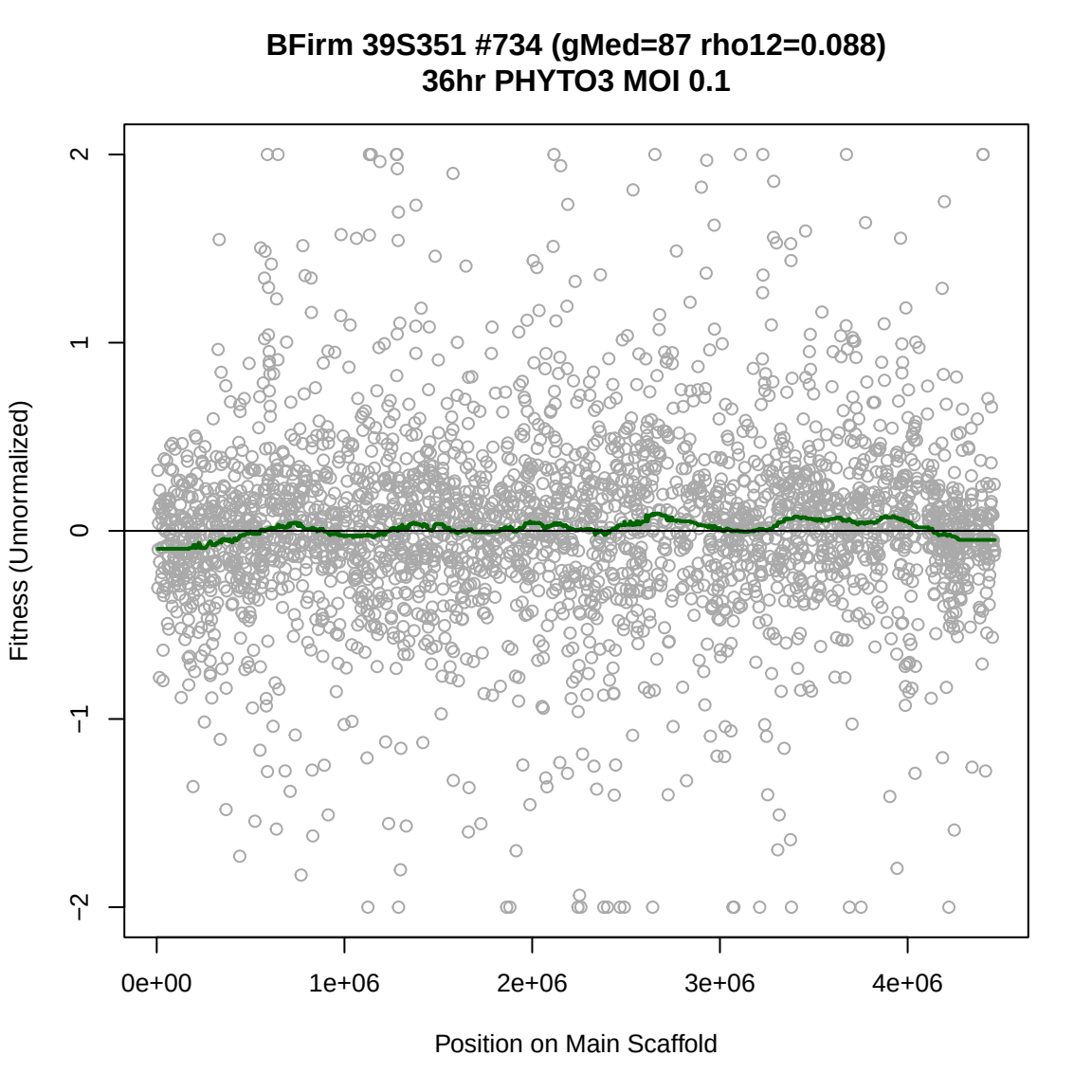

BFirm 39S346 #729 (gMed=79 rho12=0.144)
36hr PHYTO3 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

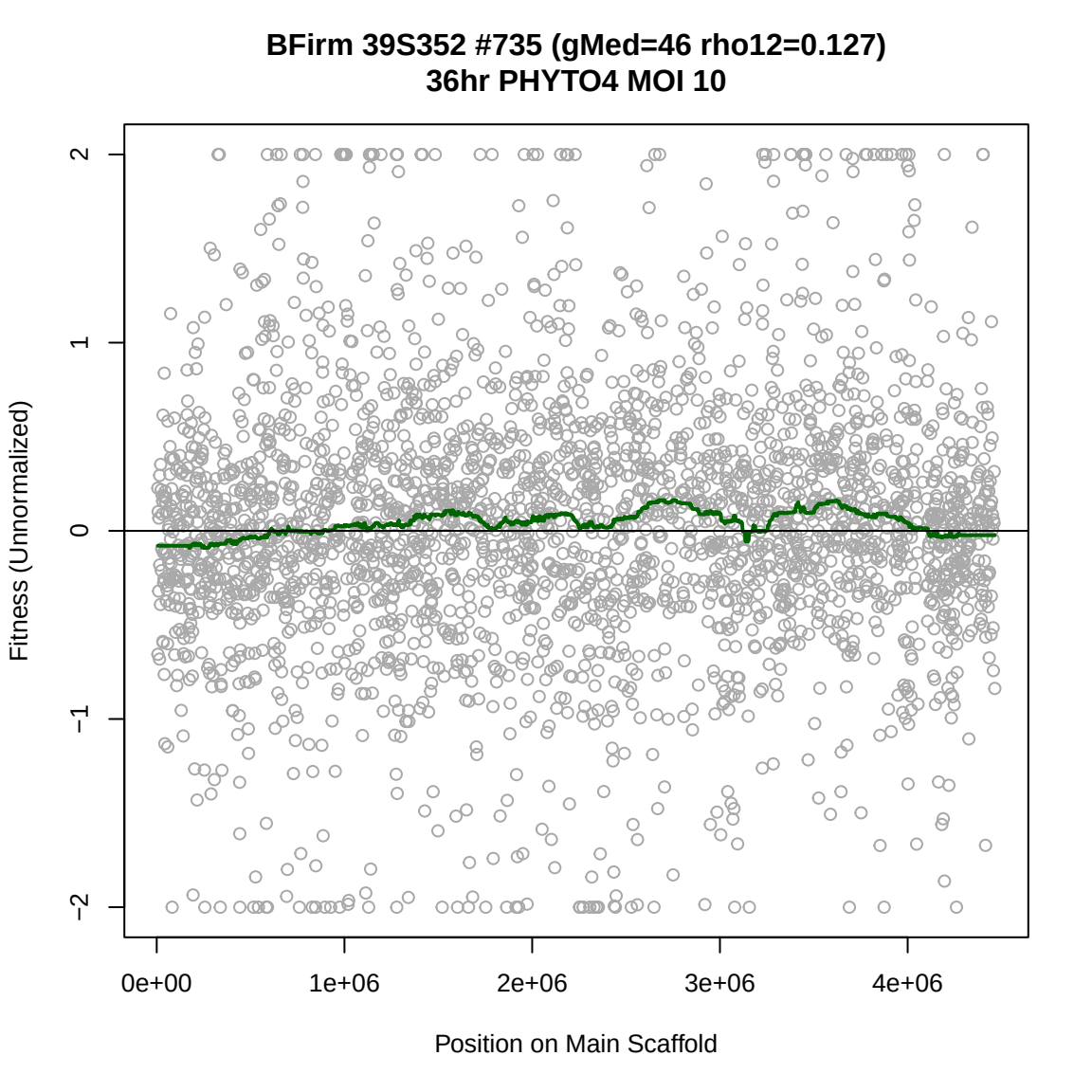

BFirm 39S347 #730 (gMed=75 rho12=0.134)
36hr PHYTO3 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

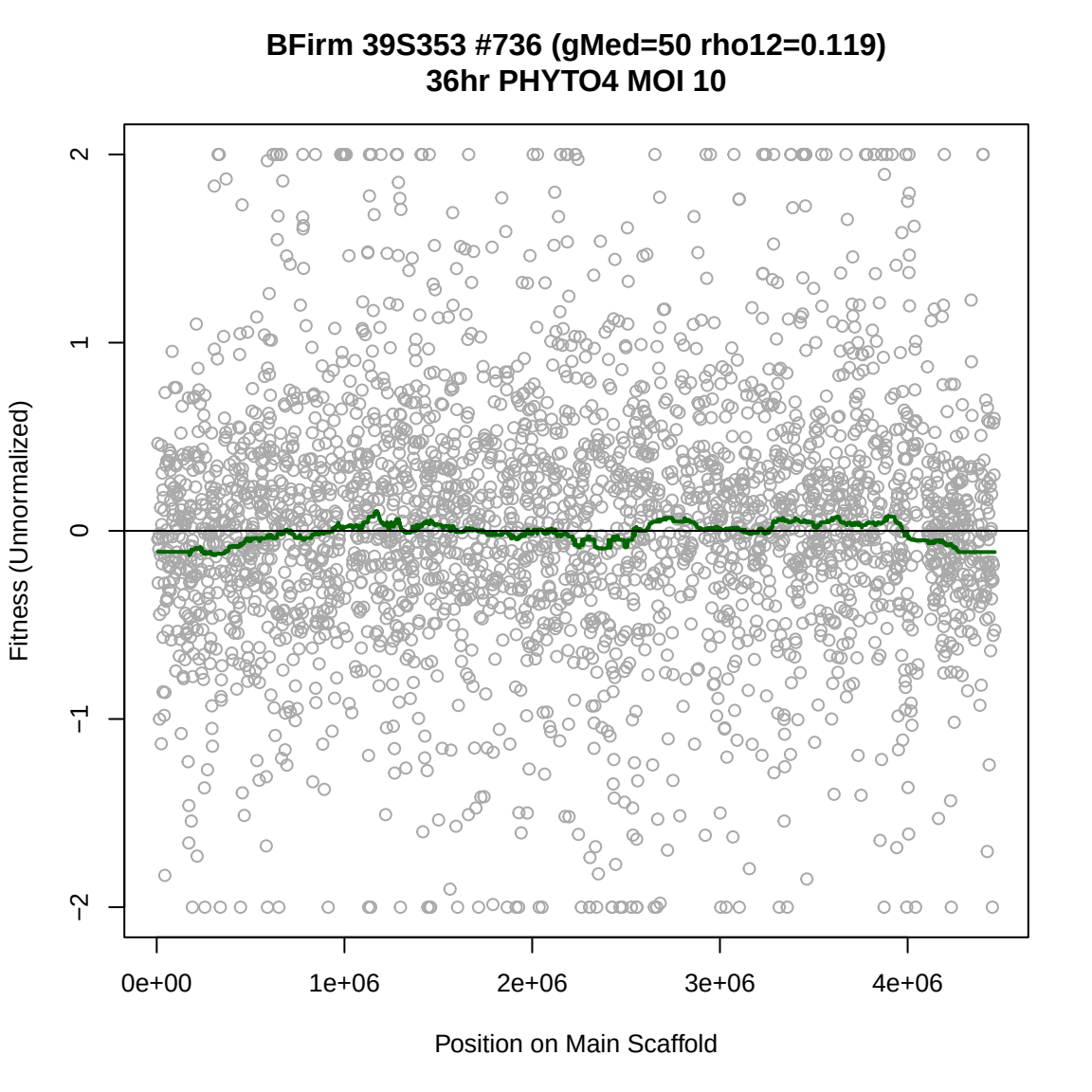

BFirm 39S348 #731 (gMed=89 rho12=0.122)
36hr PHYTO3 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

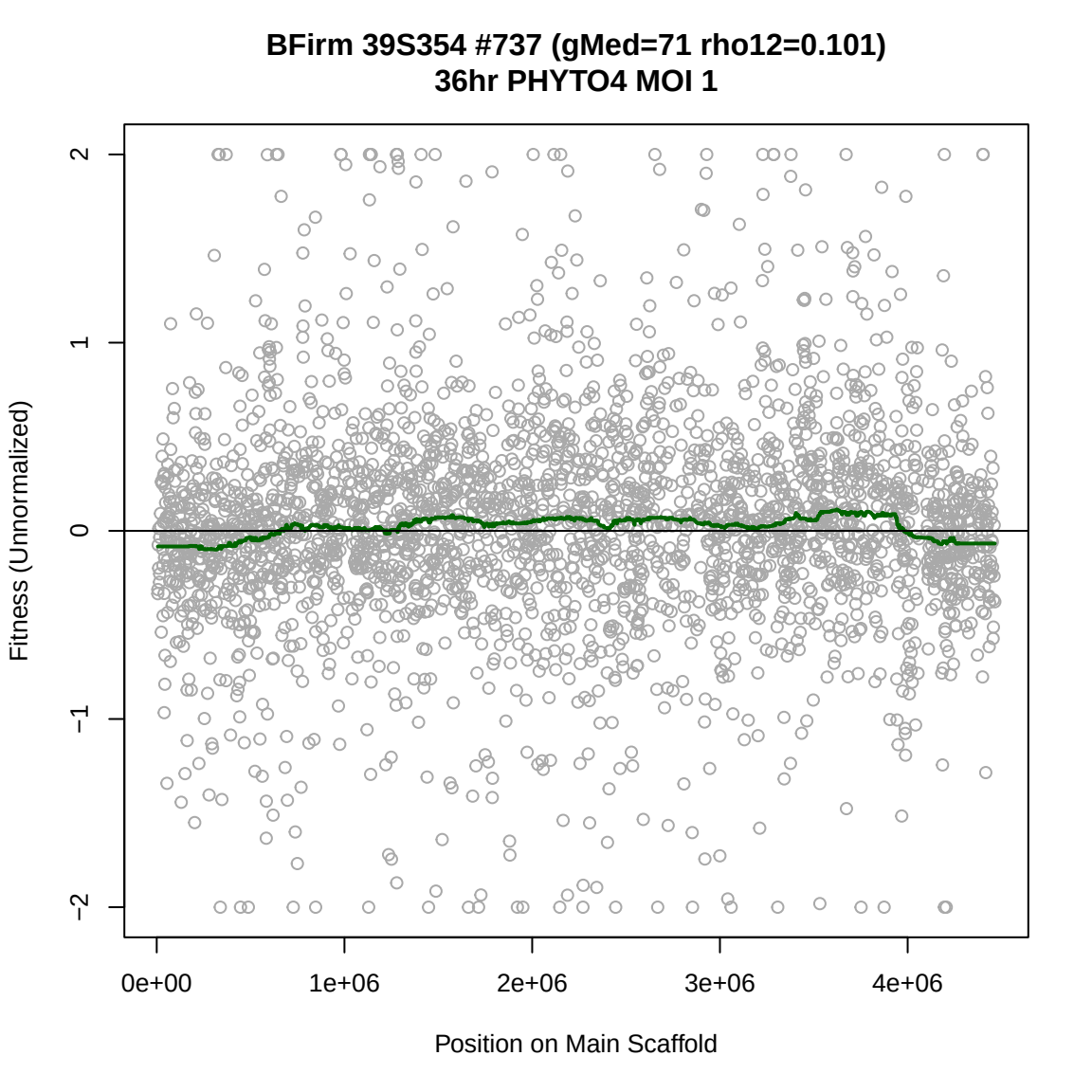

BFirm 39S349 #732 (gMed=101 rho12=0.136)
36hr PHYTO3 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

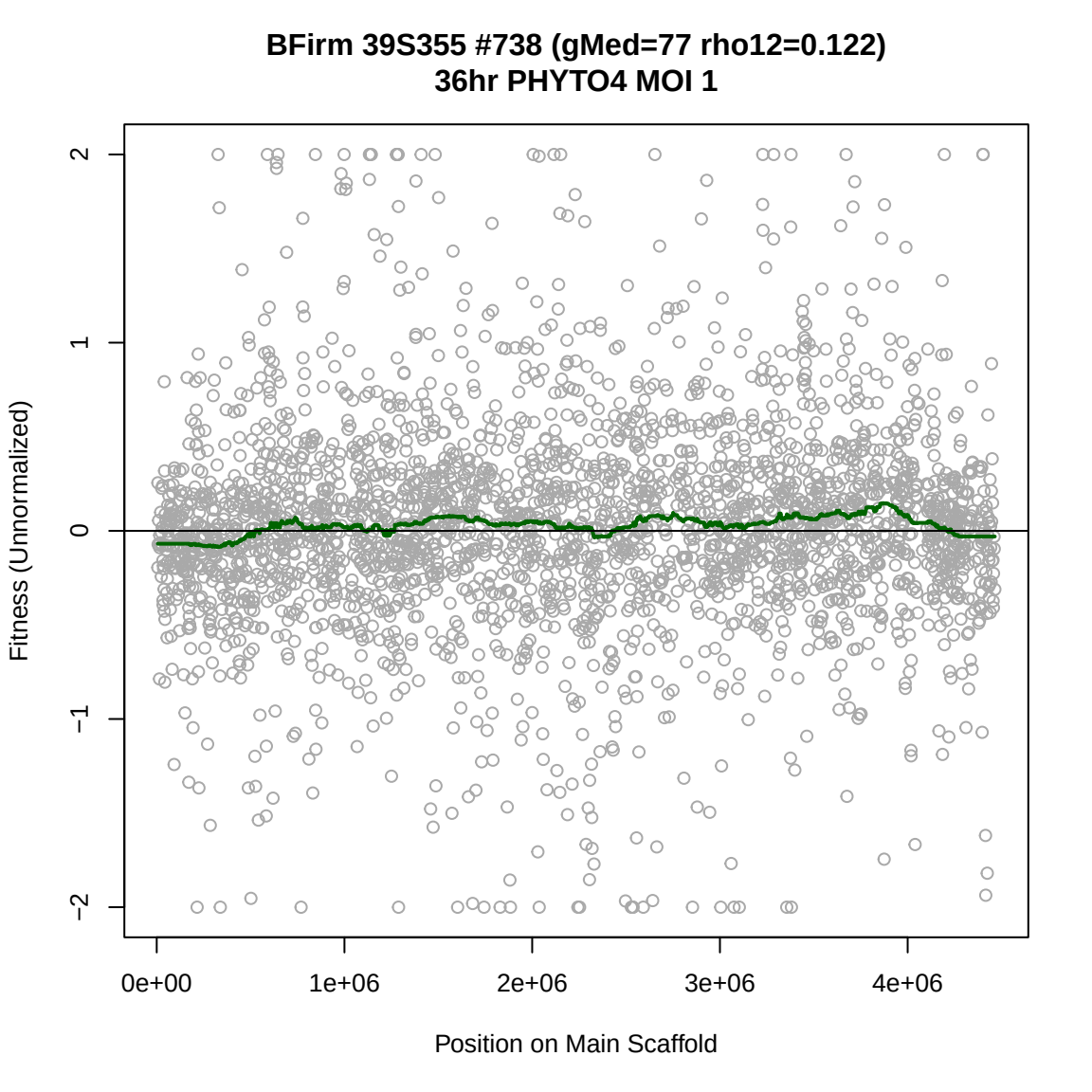

BFirm 39S350 #733 (gMed=91 rho12=0.131)
36hr PHYTO3 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

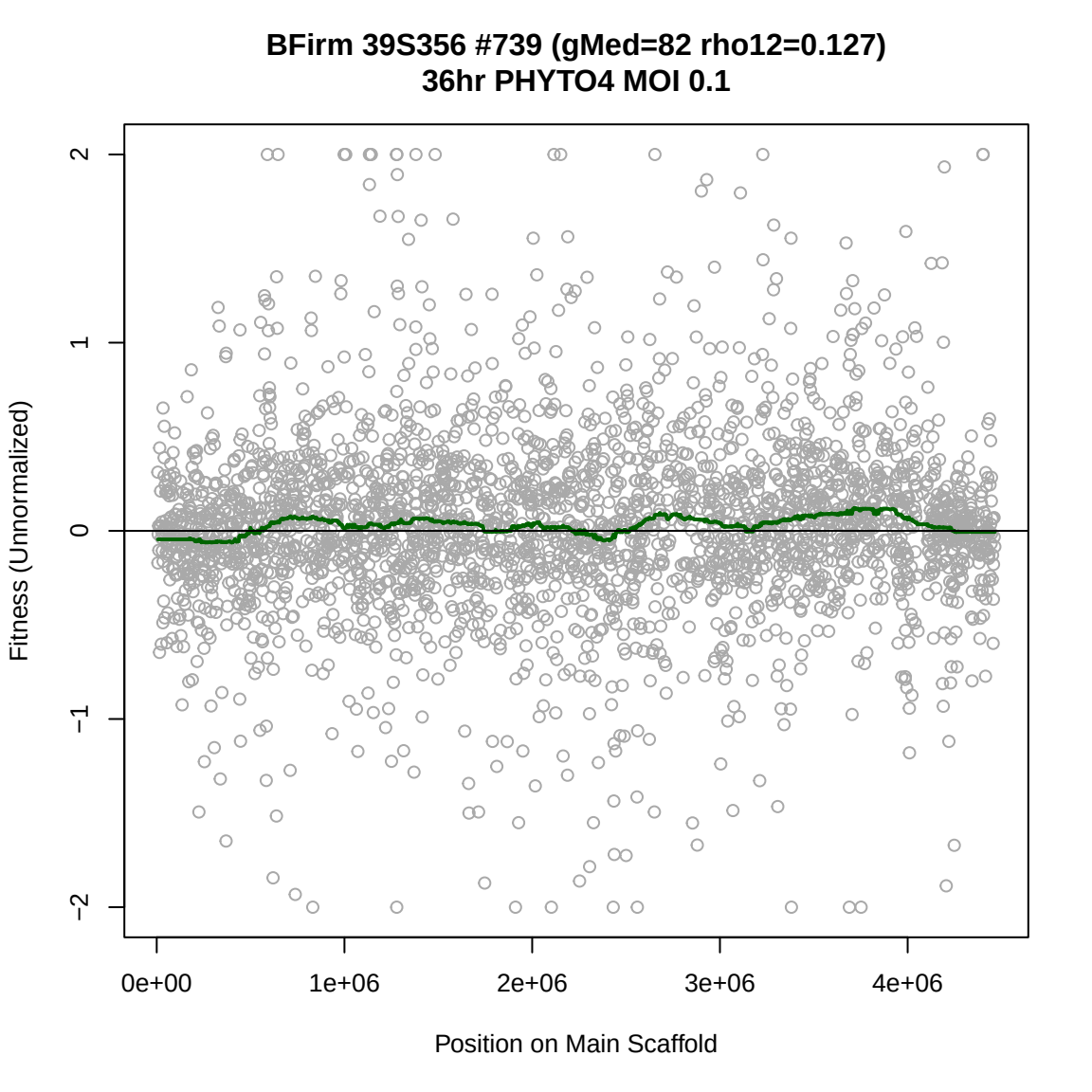

BFirm 39S351 #734 (gMed=87 rho12=0.088)
36hr PHYTO3 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

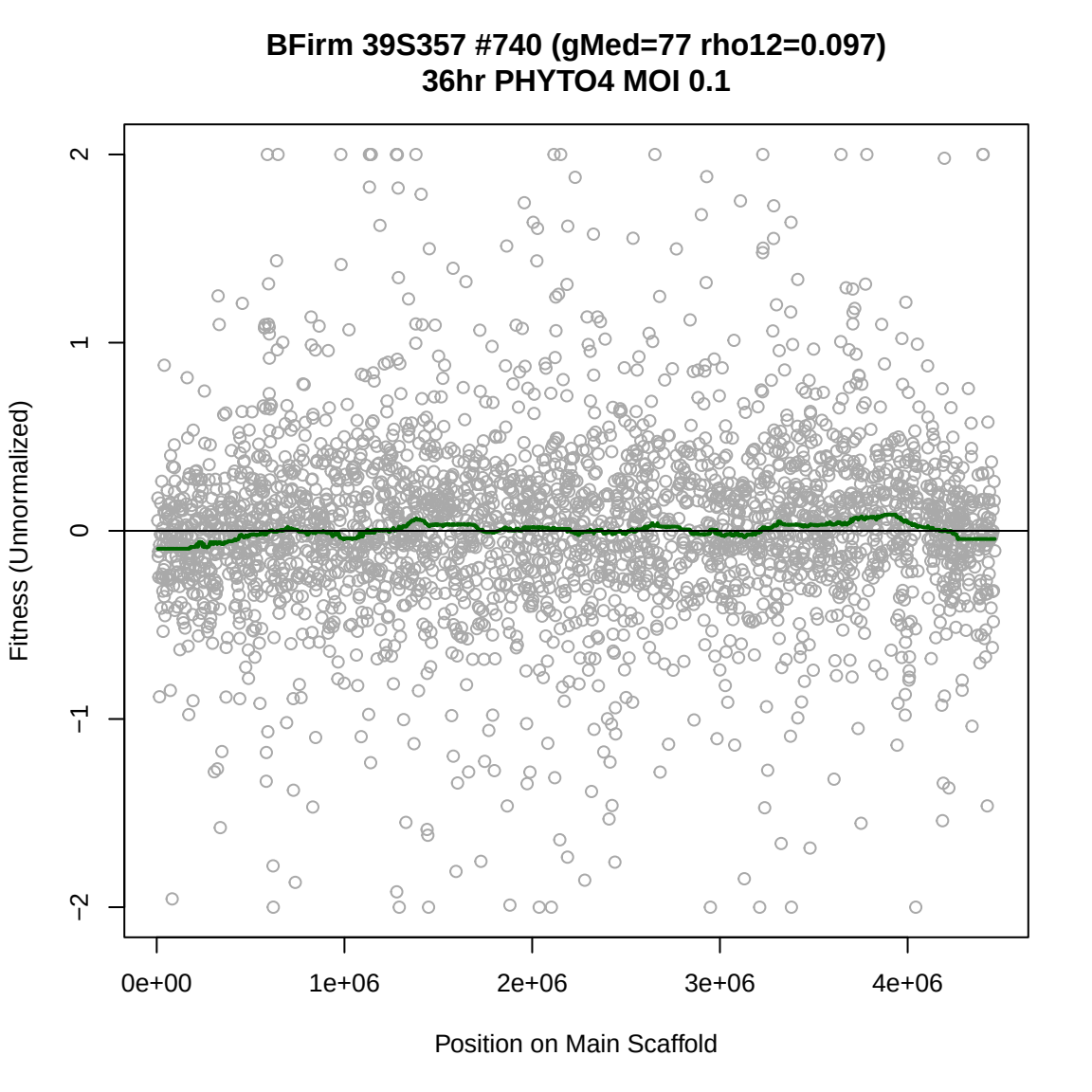

BFirm 39S352 #735 (gMed=46 rho12=0.127)
36hr PHYTO4 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

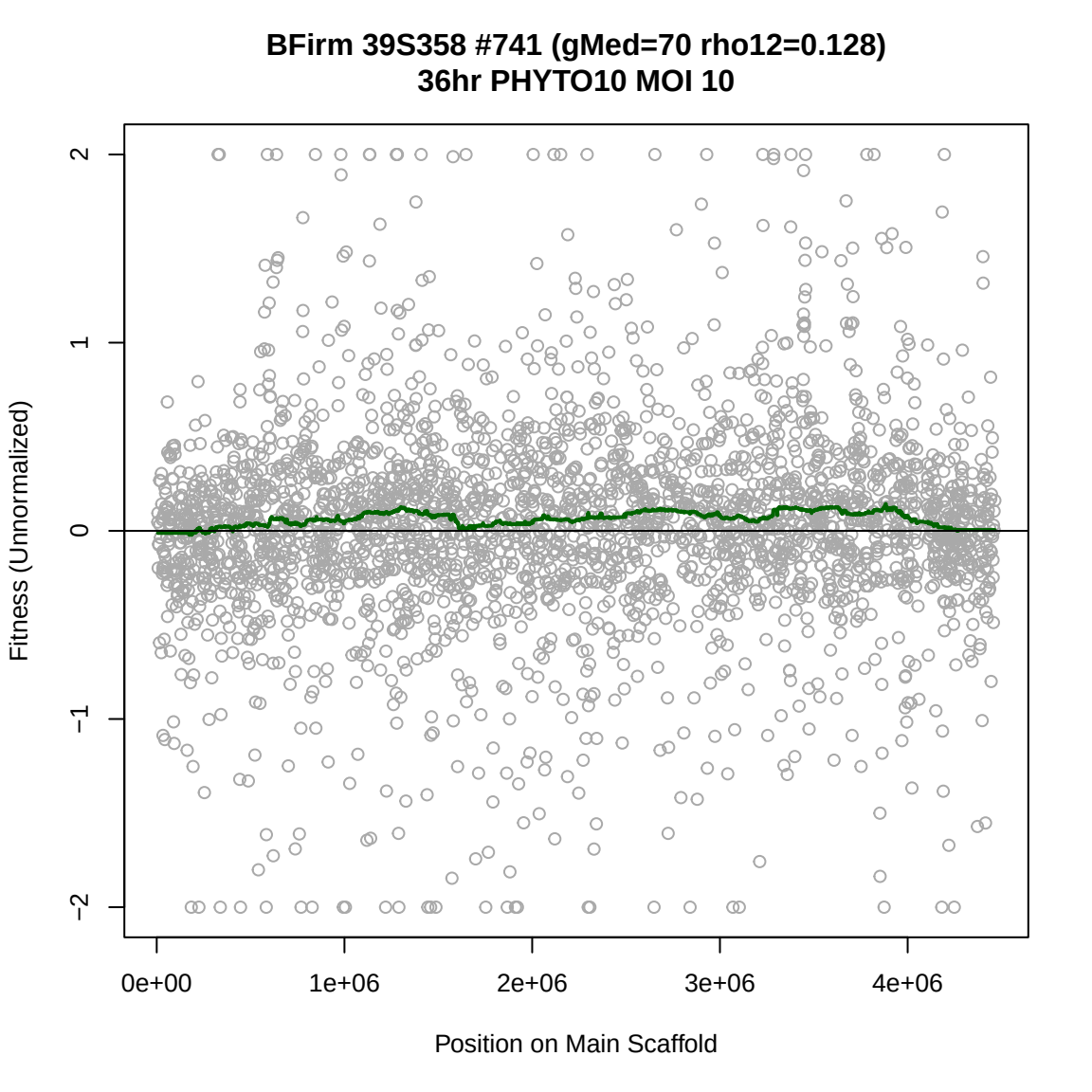

BFirm 39S353 #736 (gMed=50 rho12=0.119)
36hr PHYTO4 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

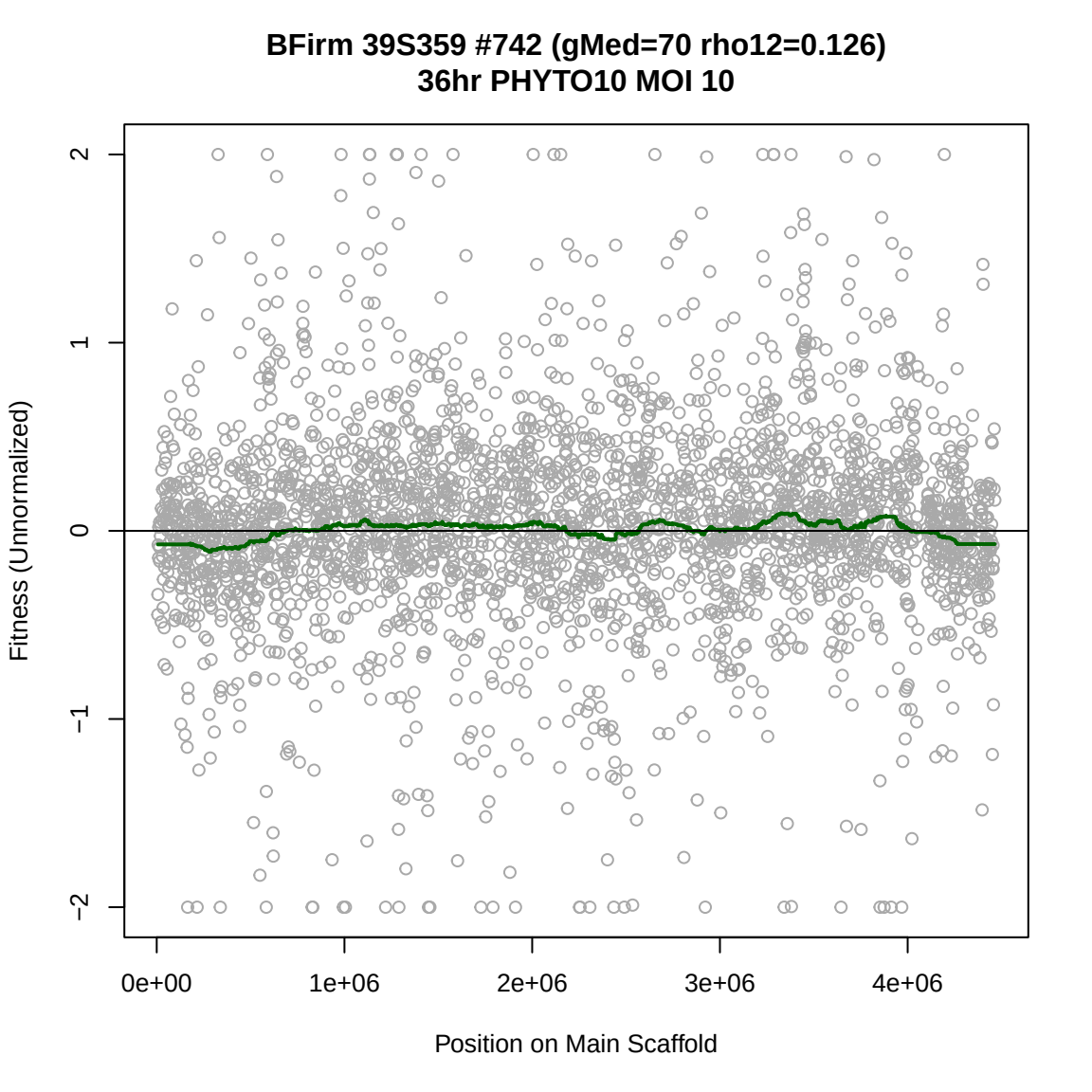

BFirm 39S354 #737 (gMed=71 rho12=0.101)
36hr PHYTO4 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

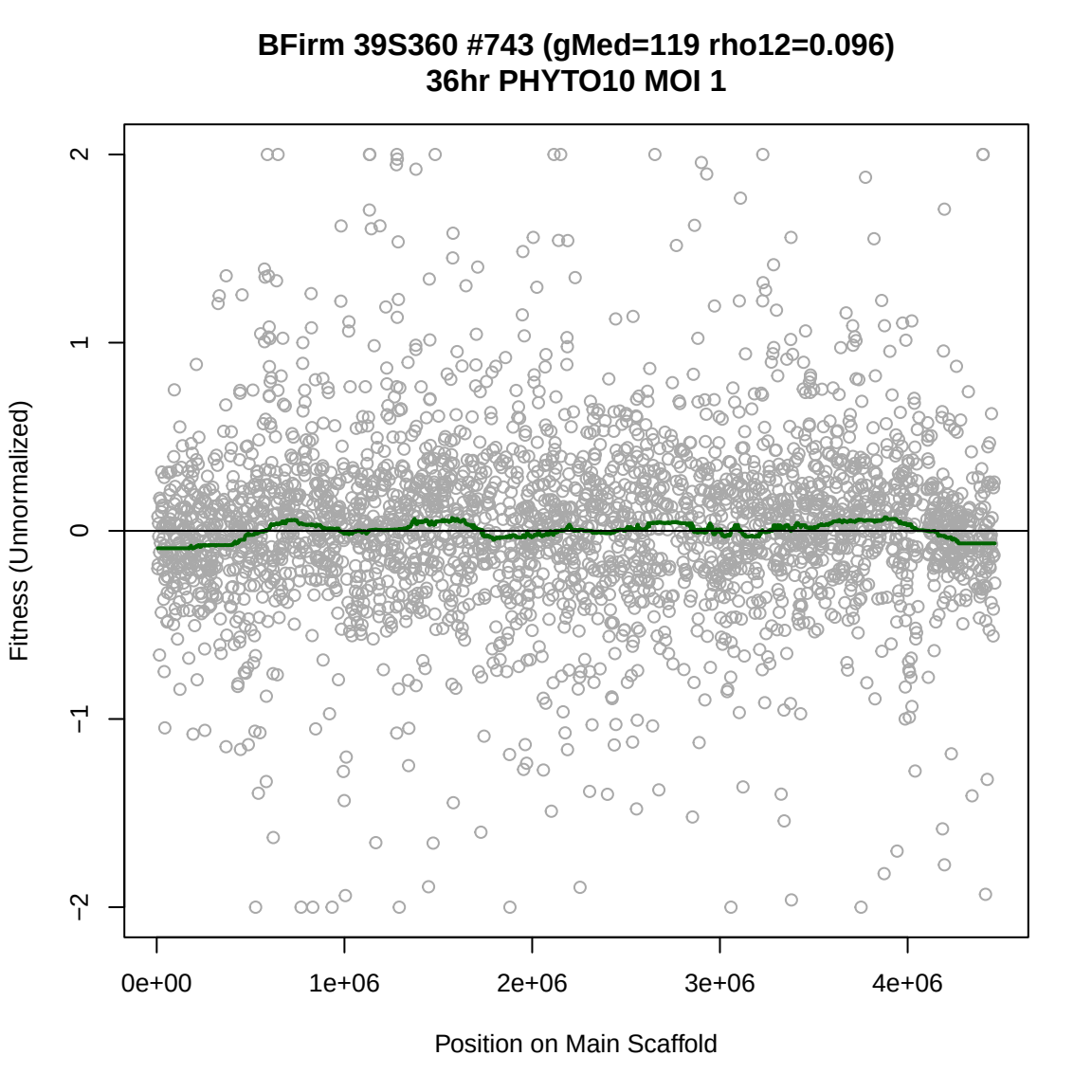

BFirm 39S355 #738 (gMed=77 rho12=0.122)
36hr PHYTO4 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

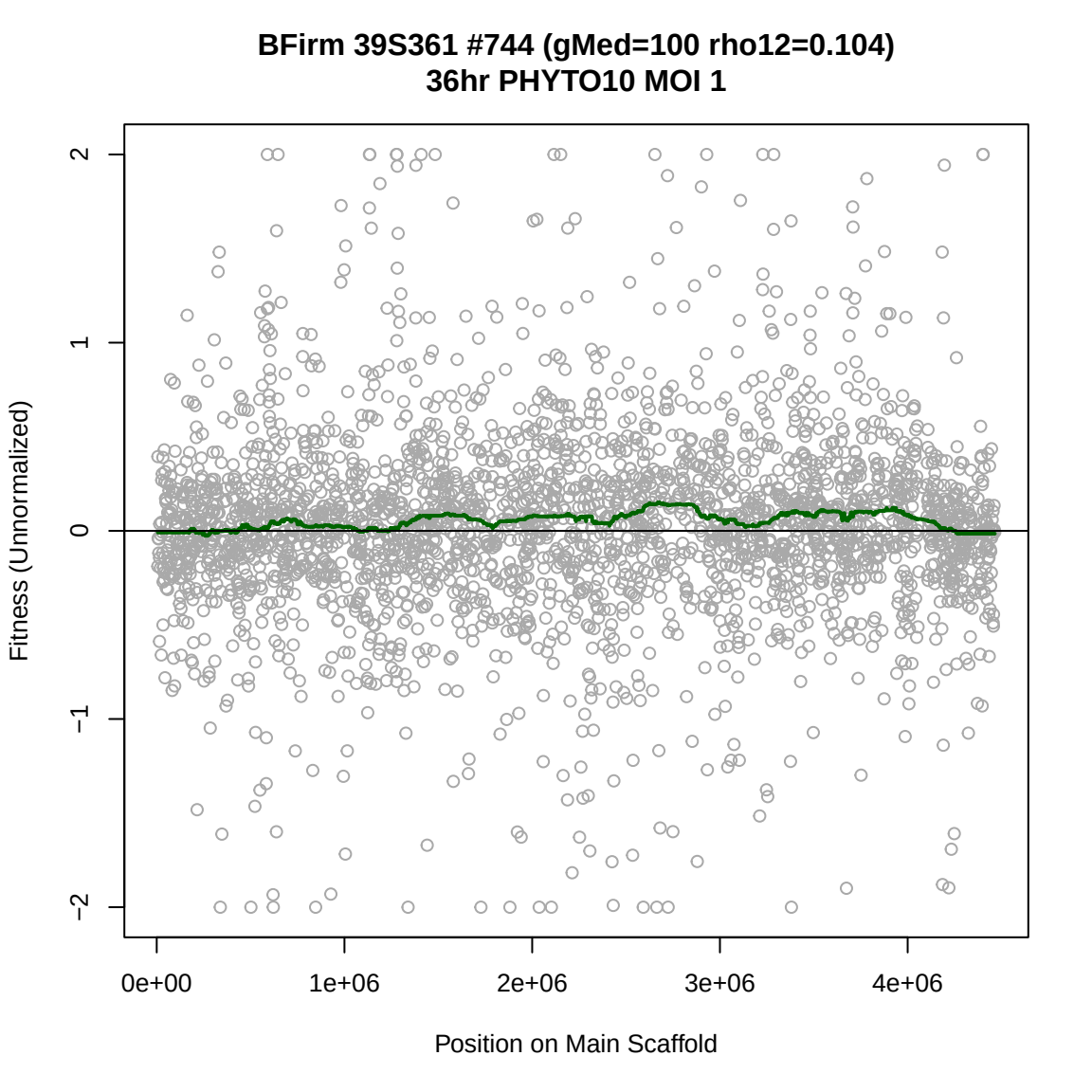

BFirm 39S356 #739 (gMed=82 rho12=0.127)
36hr PHYTO4 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

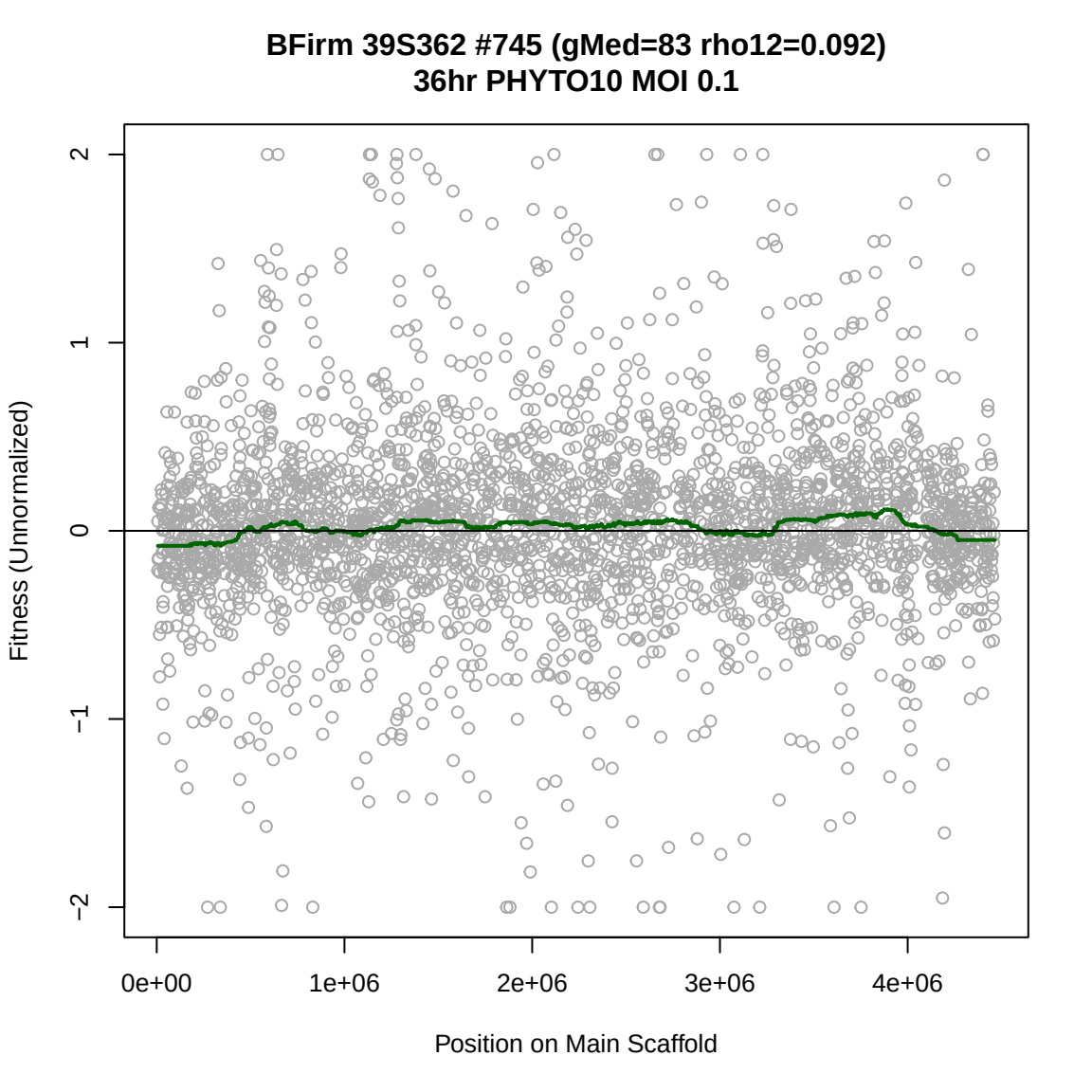

BFirm 39S357 #740 (gMed=77 rho12=0.097)
36hr PHYTO4 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

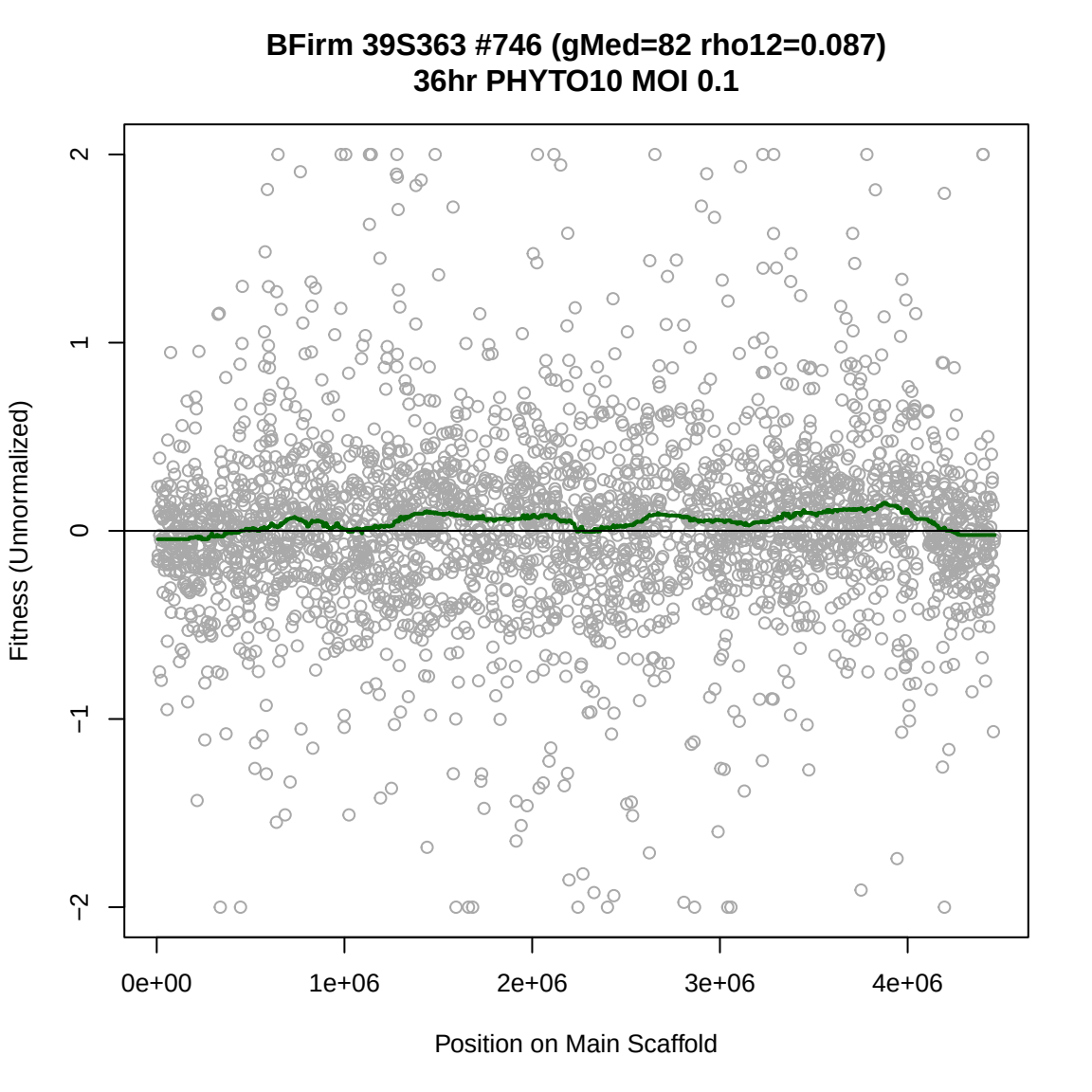

BFirm 39S358 #741 (gMed=70 rho12=0.128)
36hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

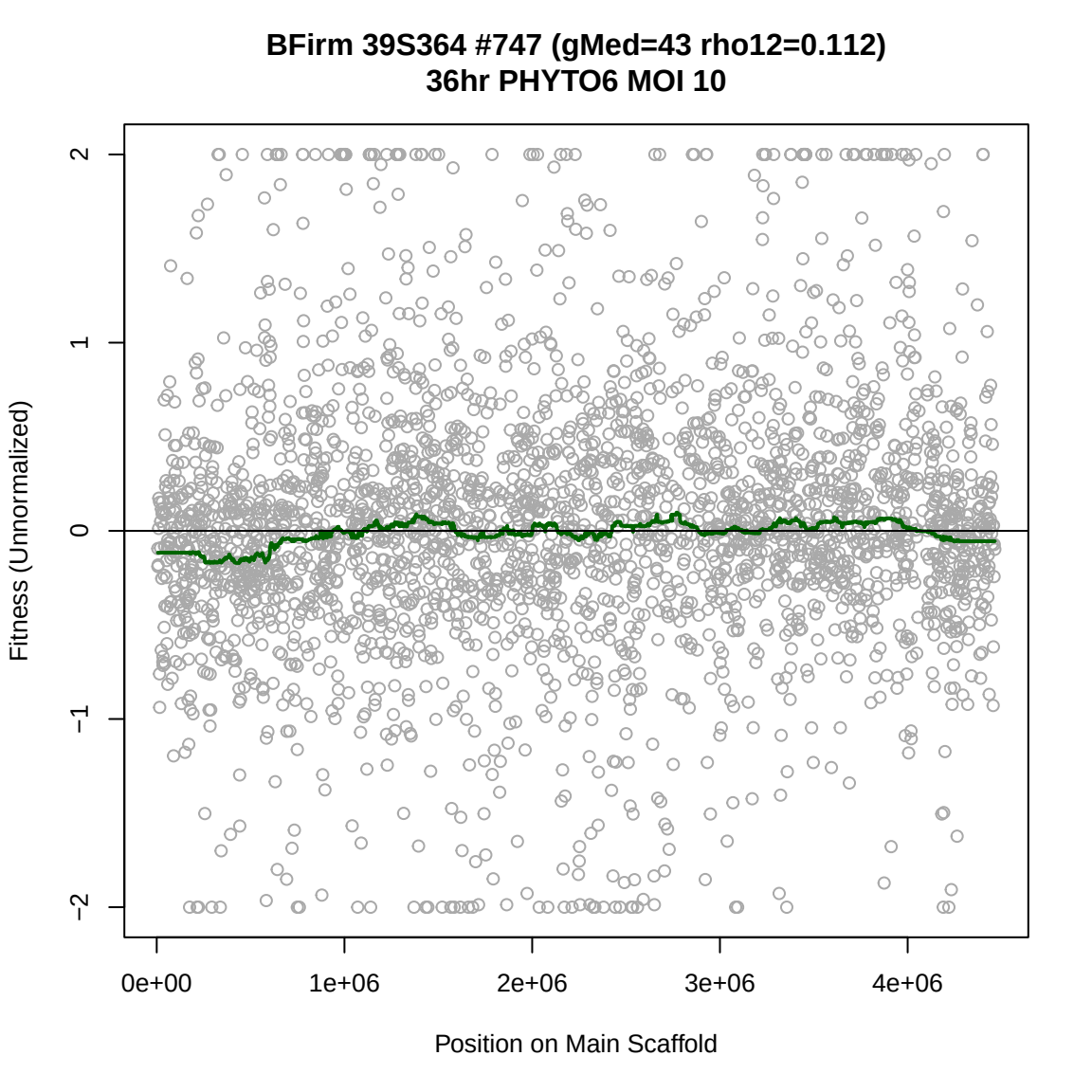

BFirm 39S359 #742 (gMed=70 rho12=0.126)
36hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

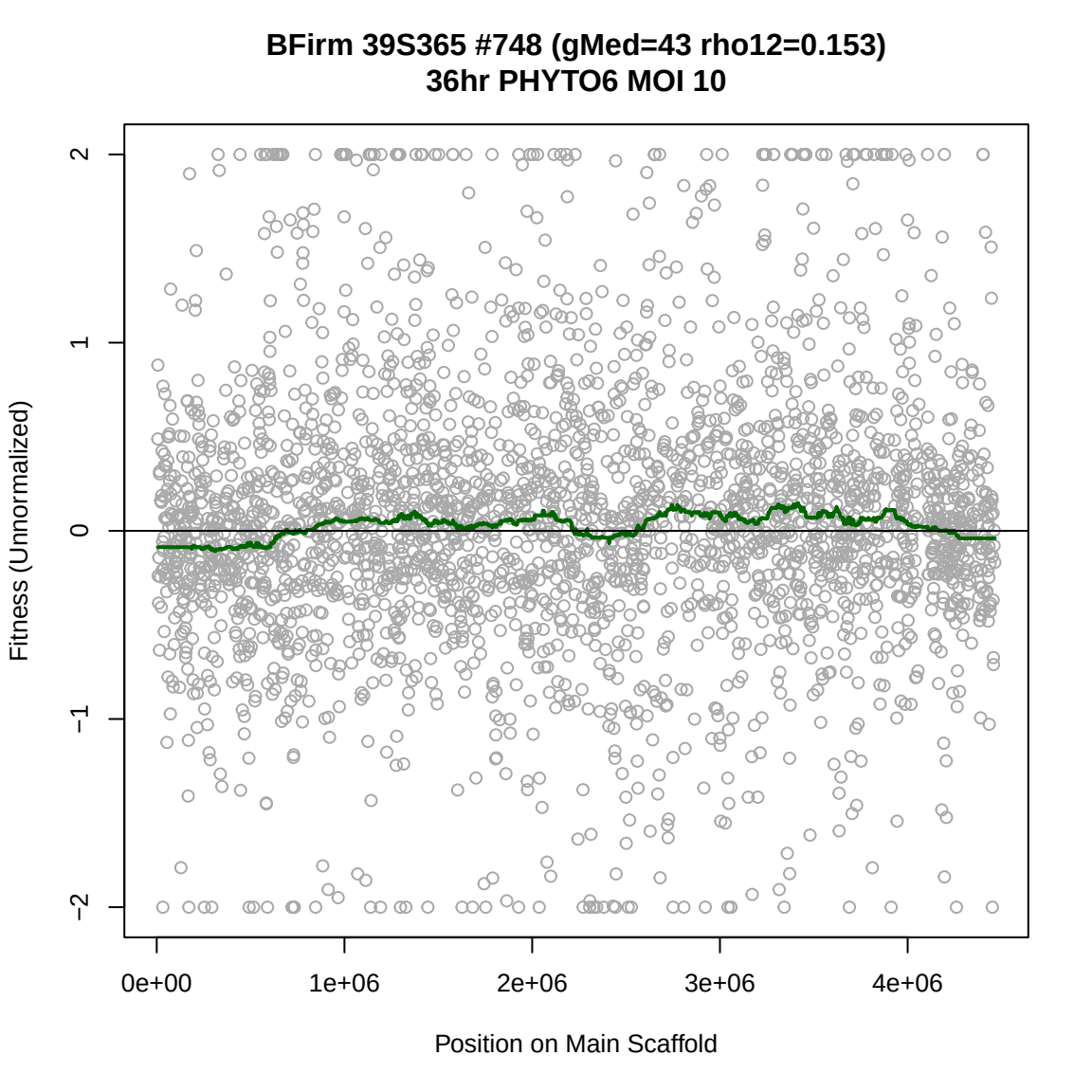

BFirm 39S360 #743 (gMed=119 rho12=0.096)
36hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

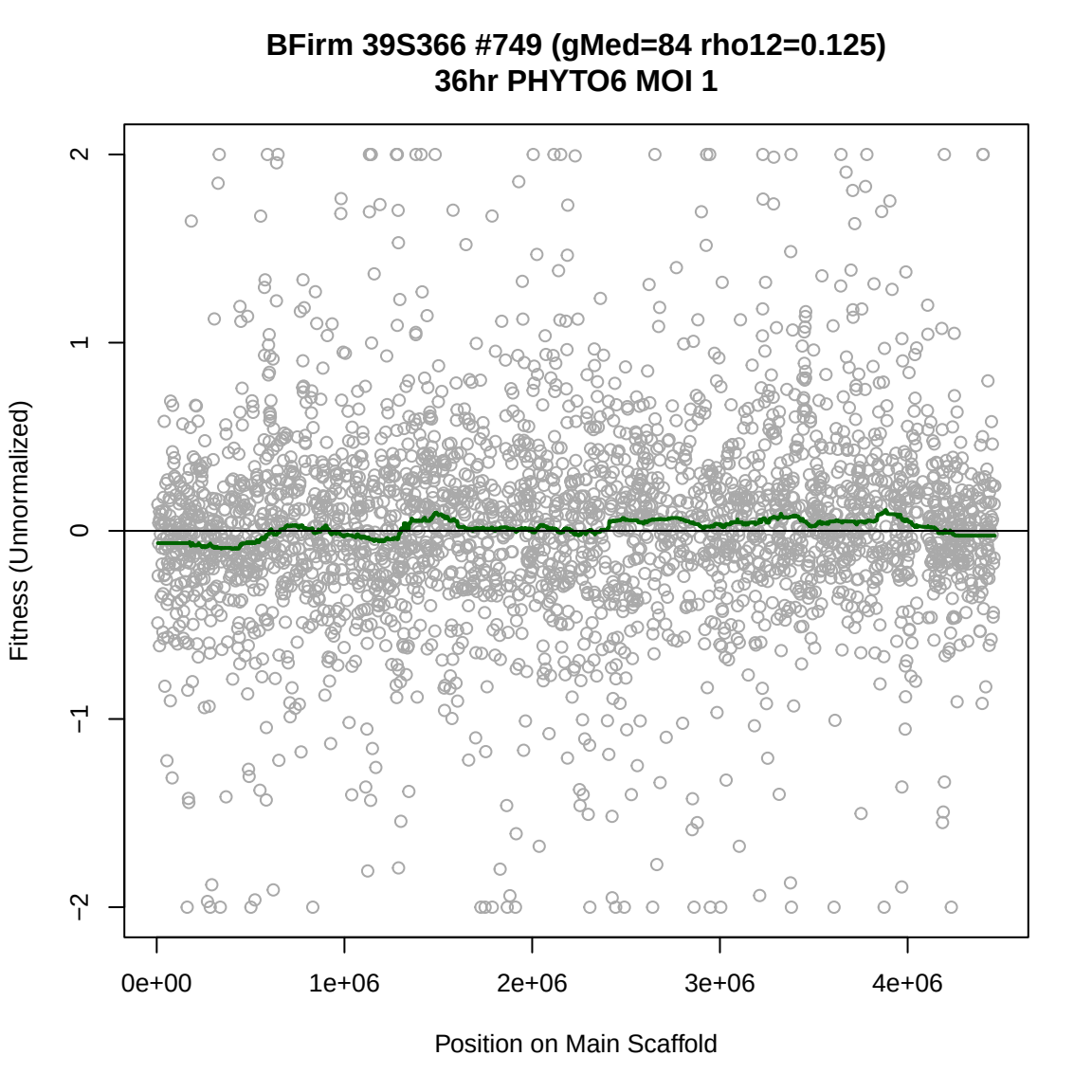

BFirm 39S361 #744 (gMed=100 rho12=0.104)
36hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

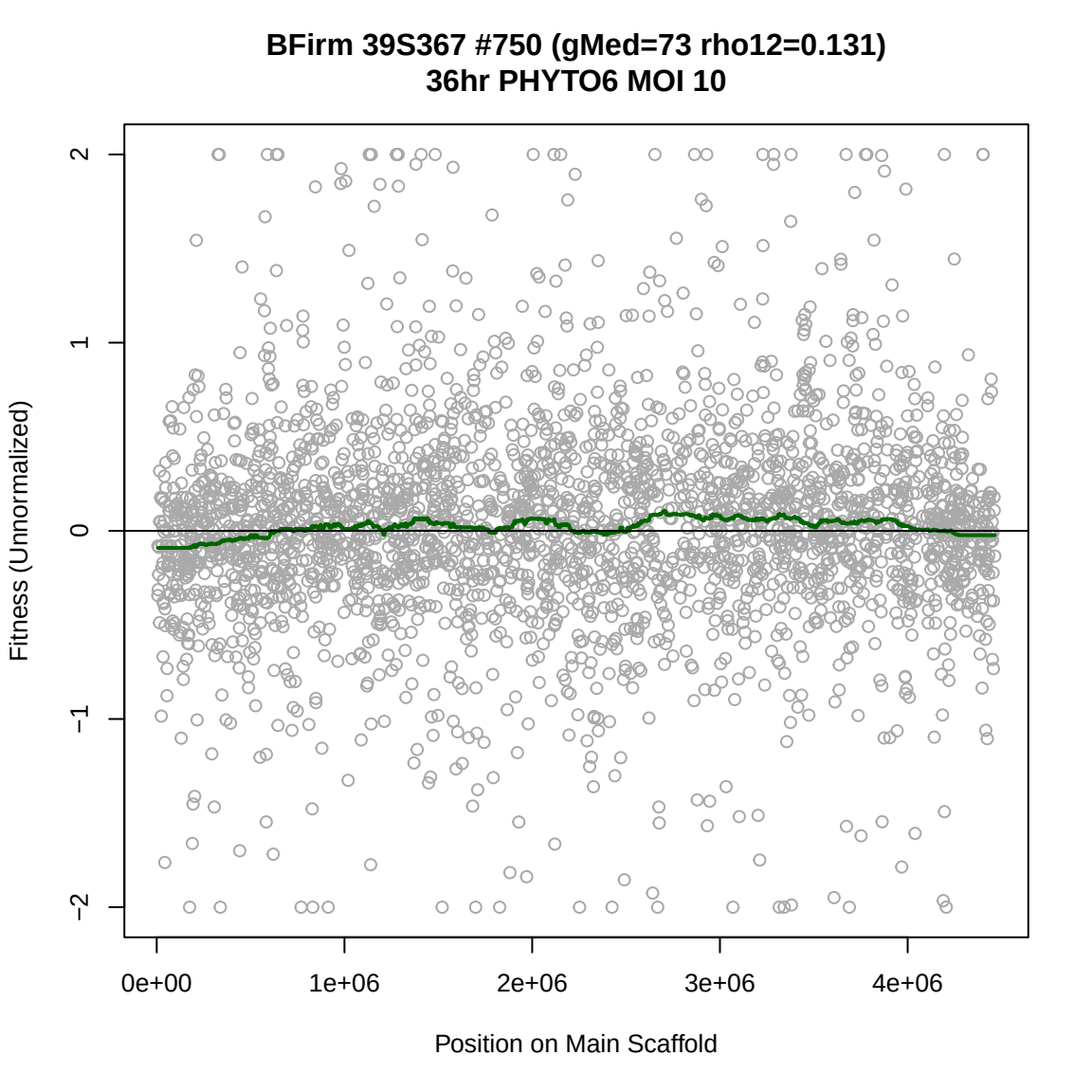

BFirm 39S362 #745 (gMed=83 rho12=0.092)
36hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

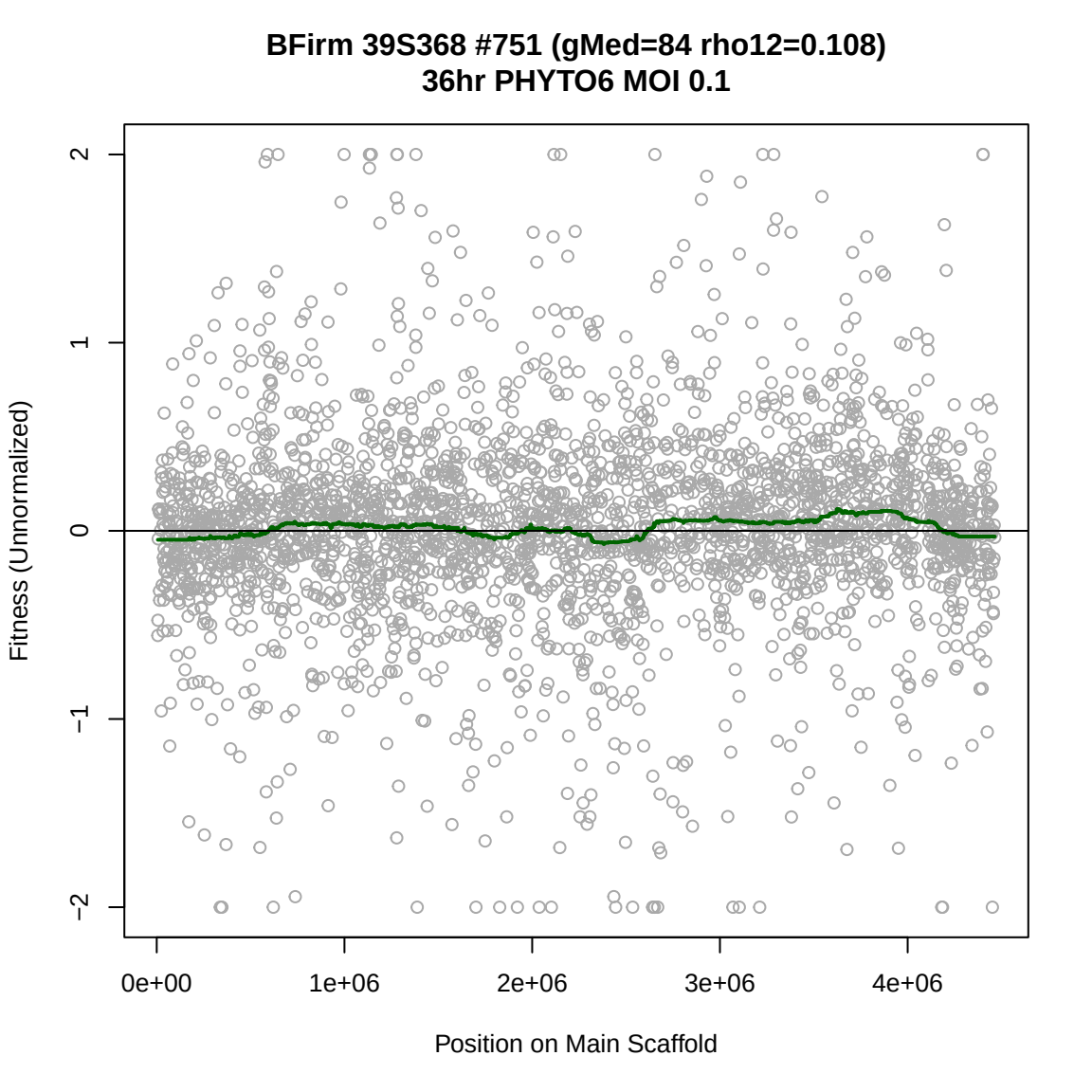

BFirm 39S363 #746 (gMed=82 rho12=0.087)
36hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

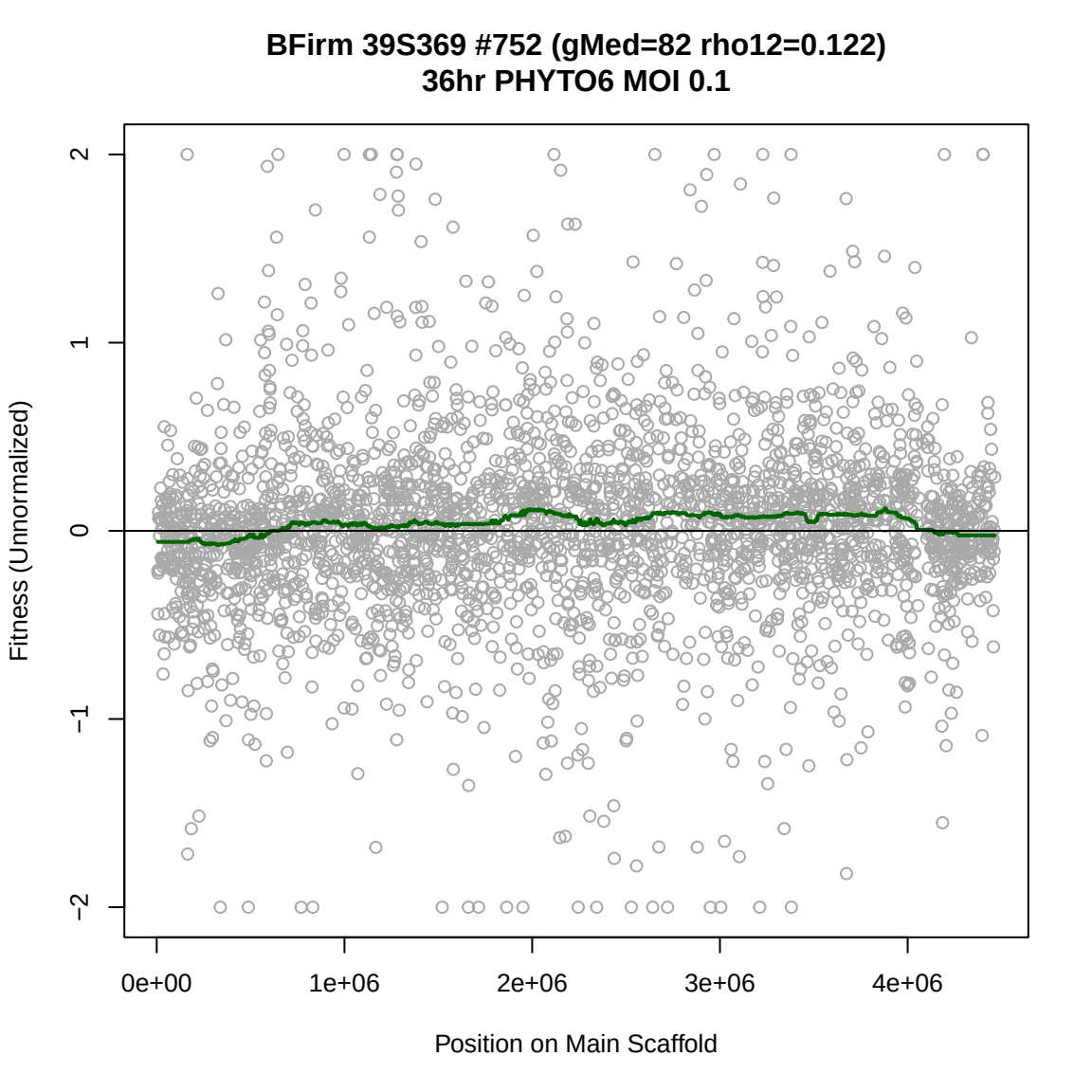

BFirm 39S364 #747 (gMed=43 rho12=0.112)
36hr PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

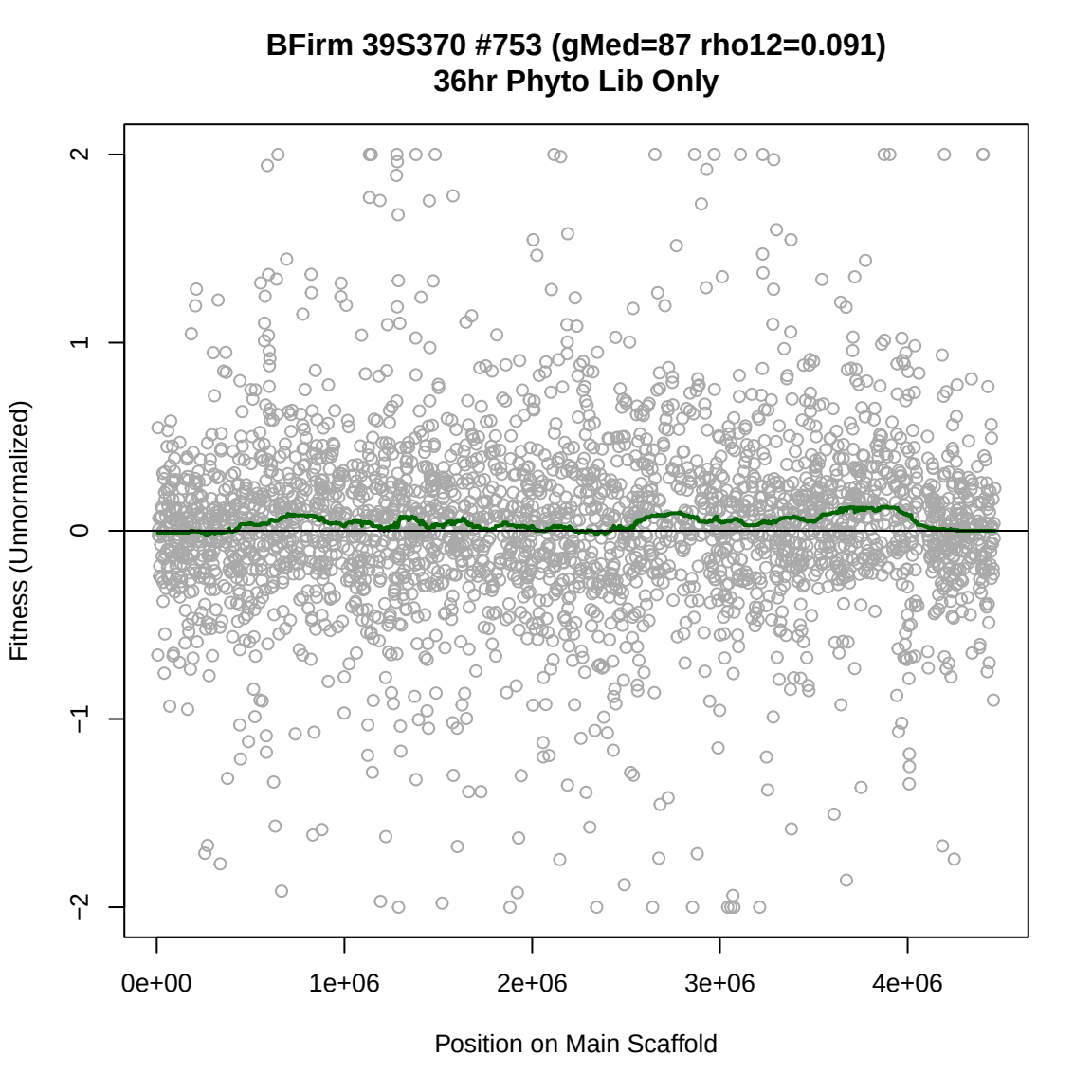

BFirm 39S365 #748 (gMed=43 rho12=0.153)
36hr PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

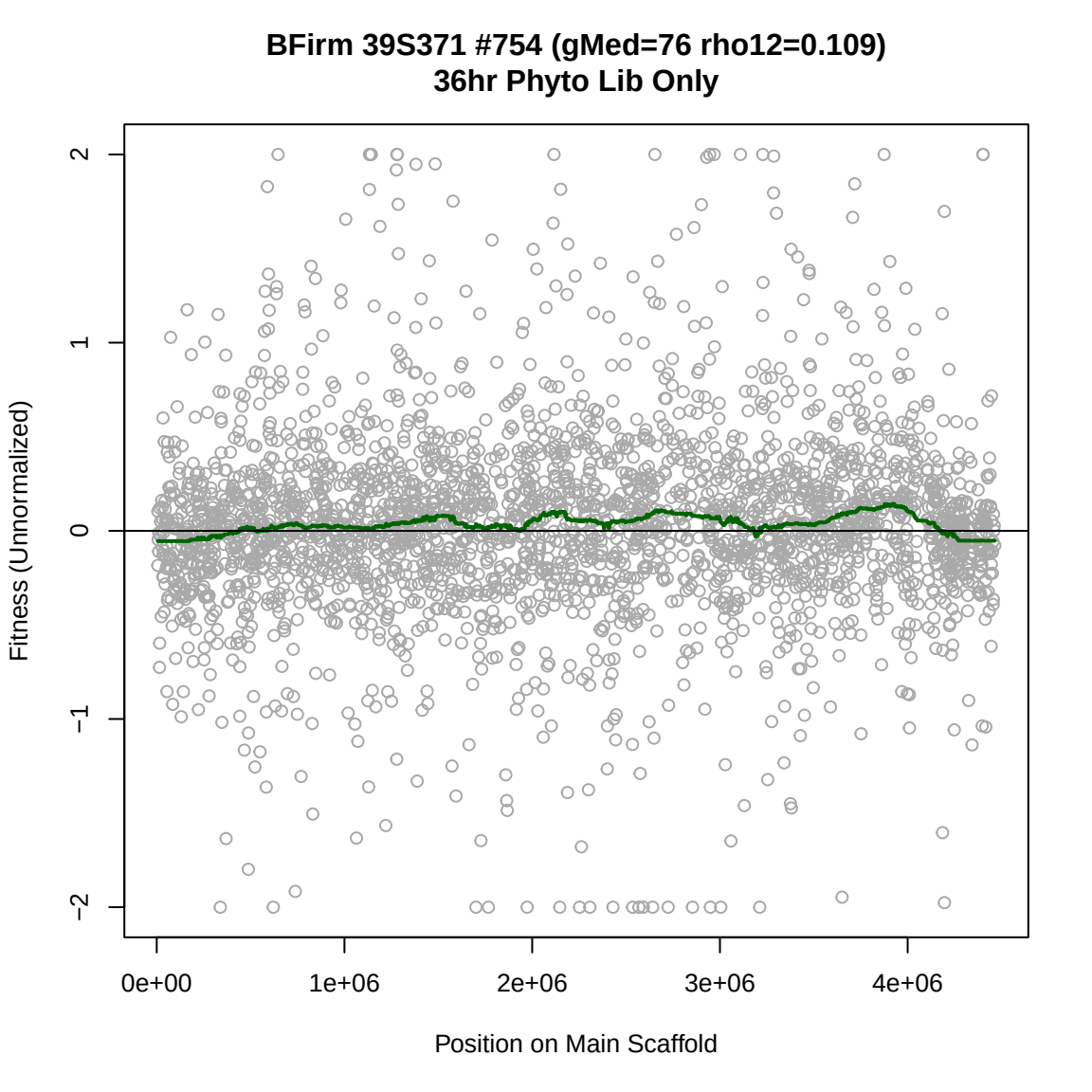

BFirm 39S366 #749 (gMed=84 rho12=0.125)
36hr PHYTO6 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

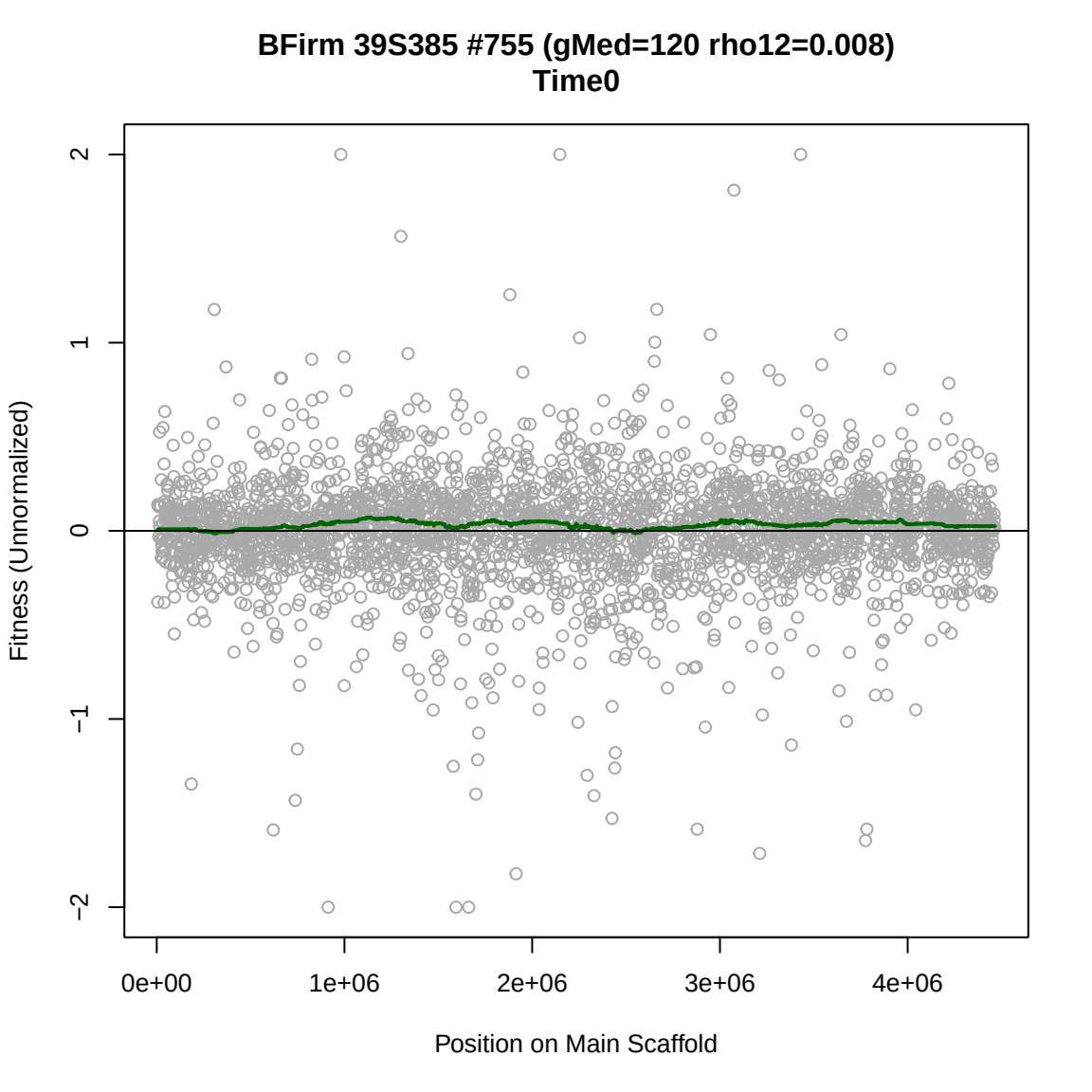

BFirm 39S367 #750 (gMed=73 rho12=0.131)
36hr PHYTO6 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

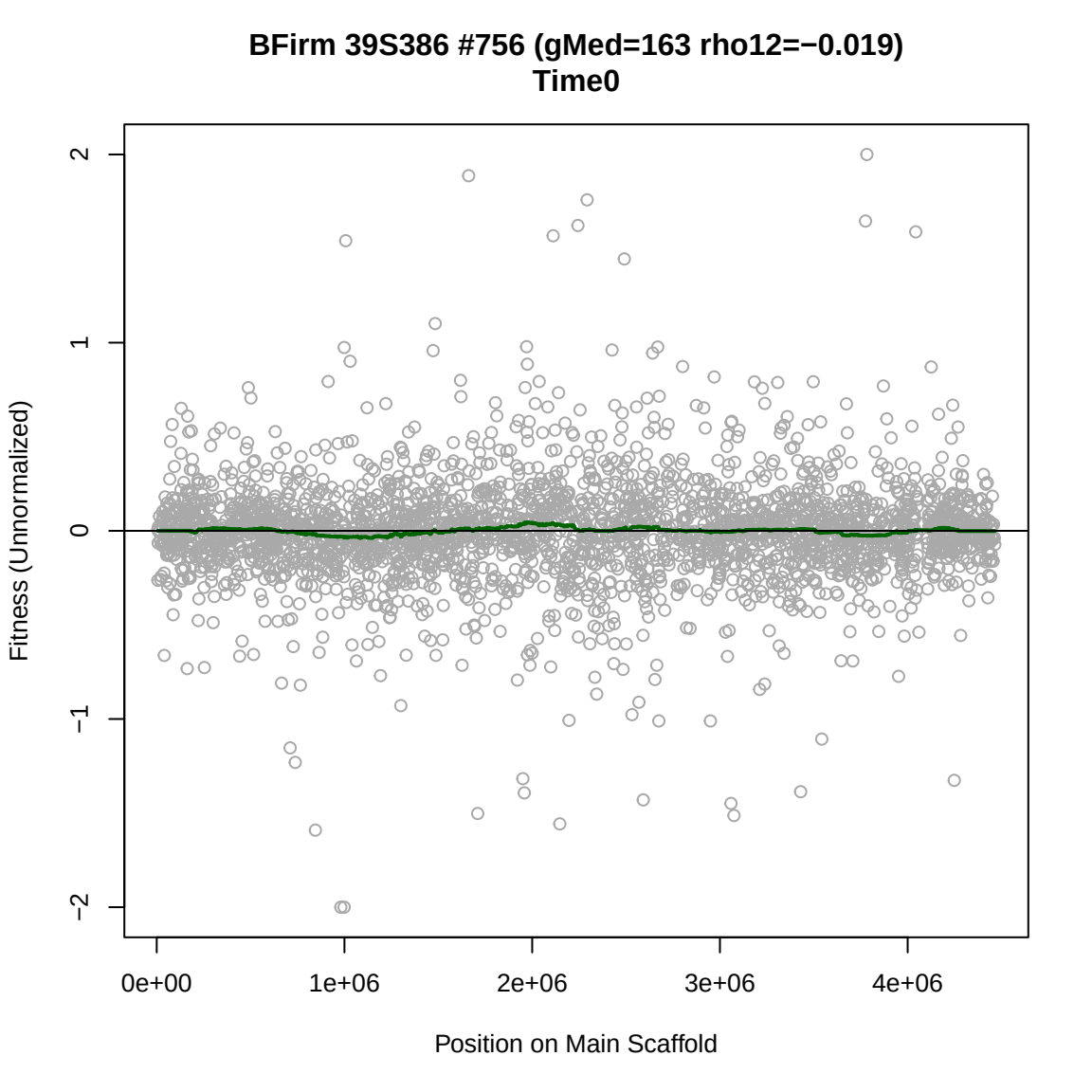

BFirm 39S368 #751 (gMed=84 rho12=0.108)
36hr PHYTO6 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

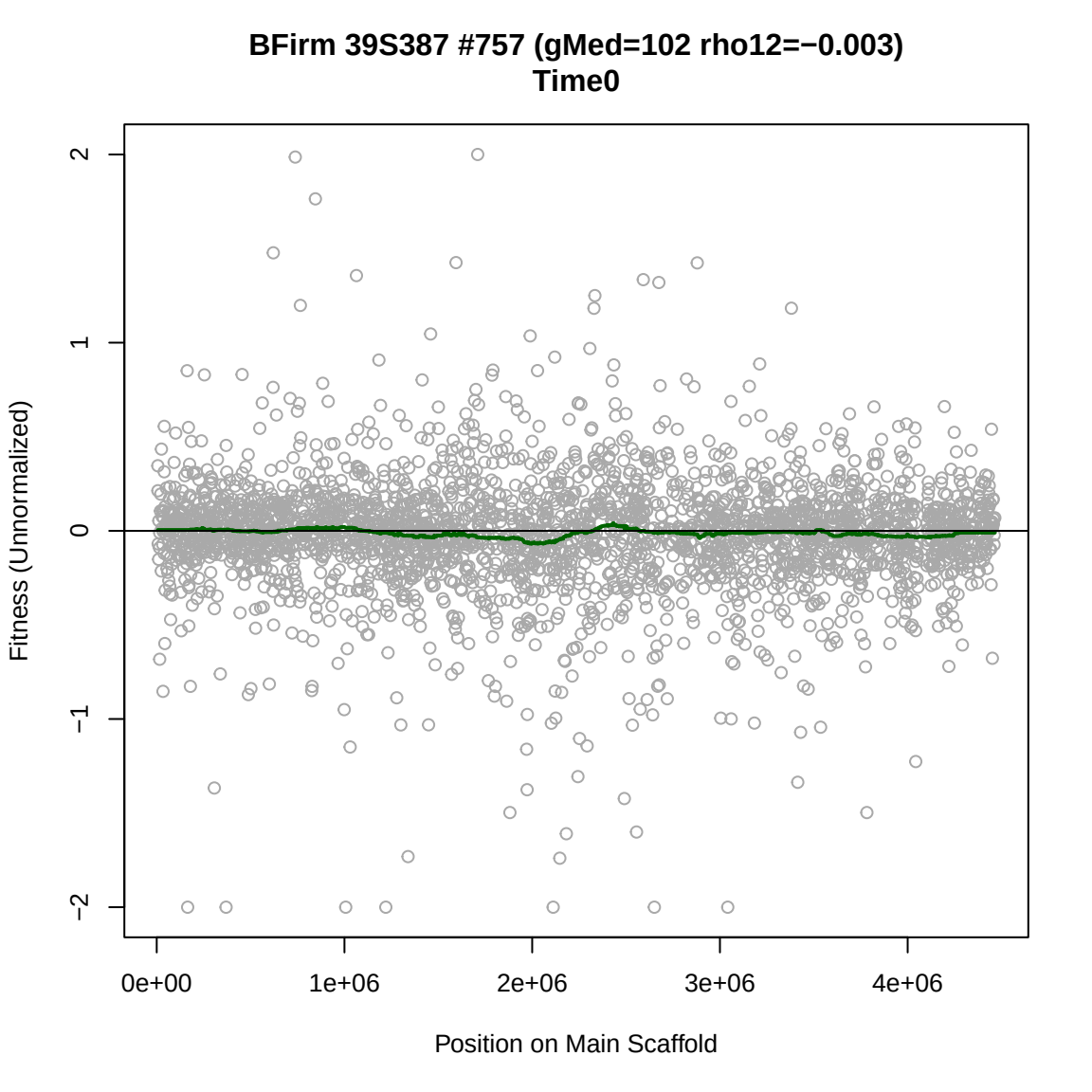

BFirm 39S369 #752 (gMed=82 rho12=0.122)
36hr PHYTO6 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

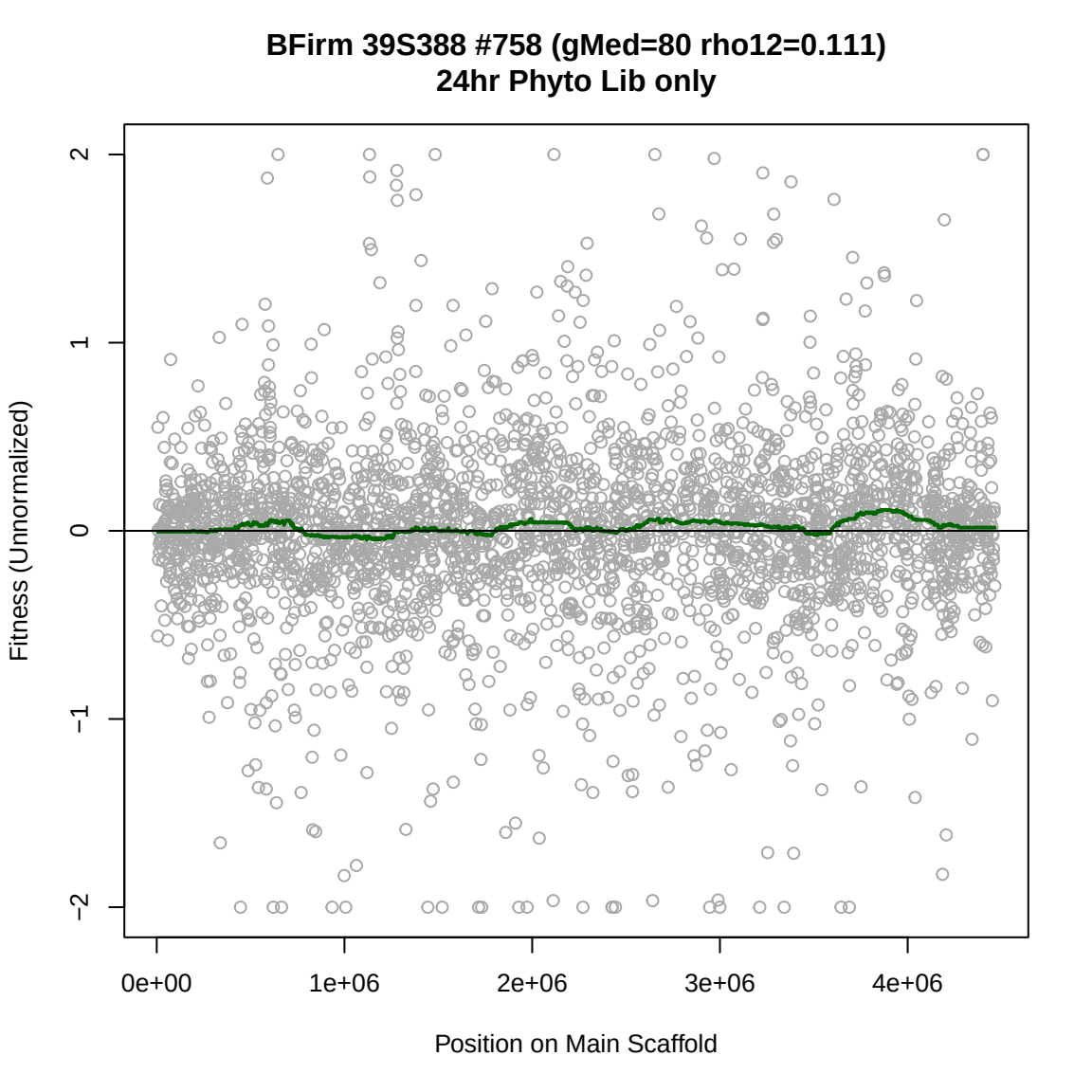

BFirm 39S370 #753 (gMed=87 rho12=0.091)
36hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

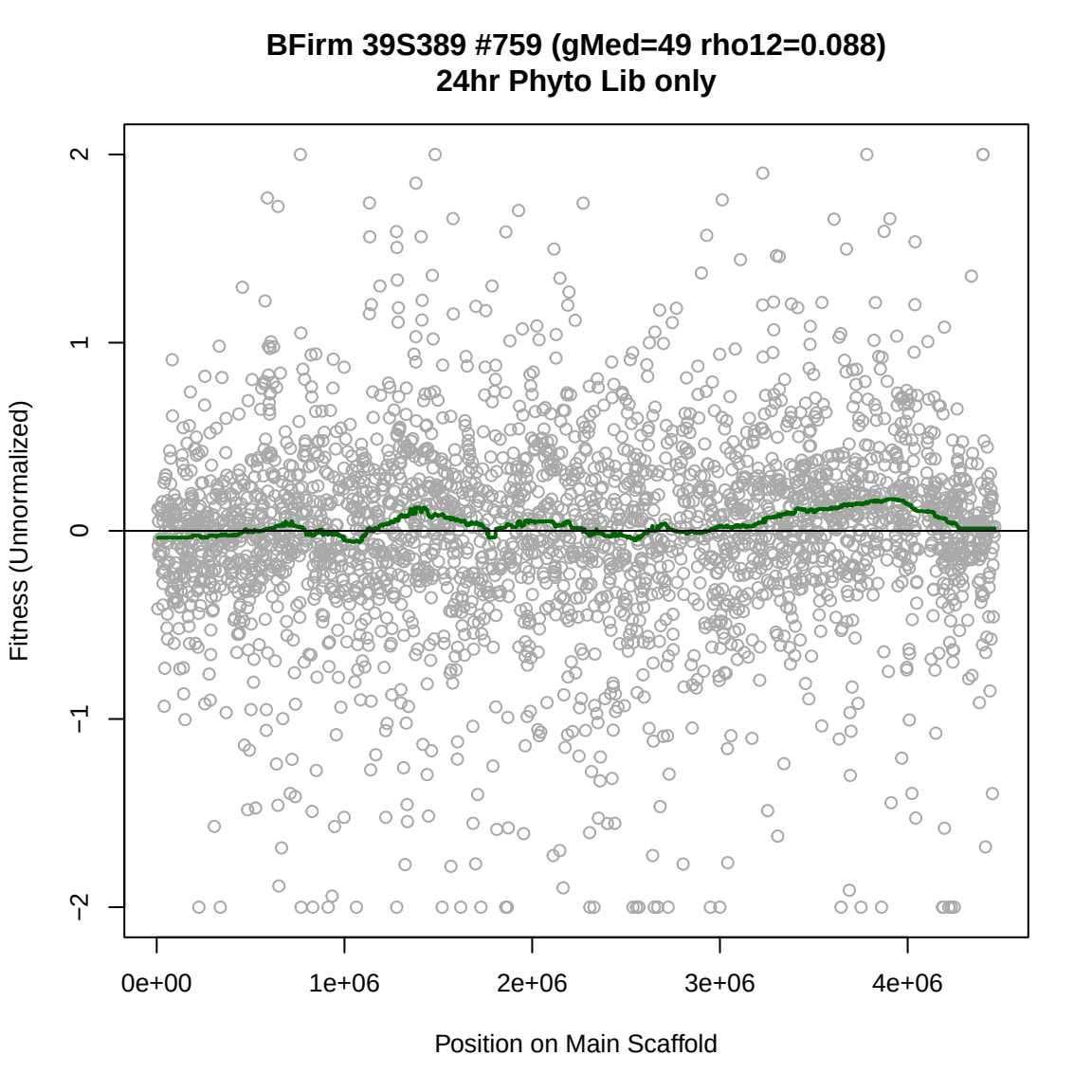

BFirm 39S371 #754 (gMed=76 rho12=0.109)
36hr Phyto Lib Only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

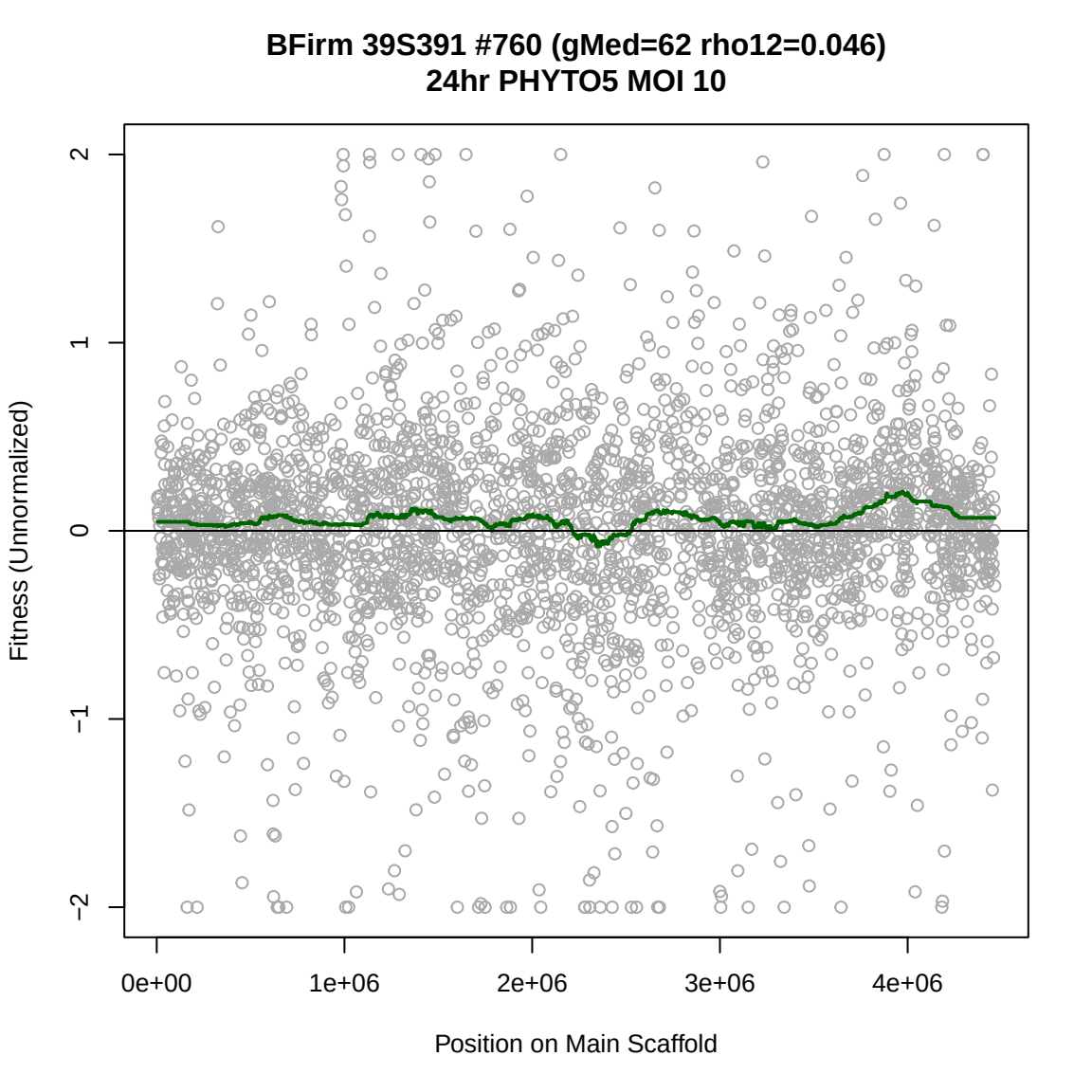

BFirm 39S385 #755 (gMed=120 rho12=0.008)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

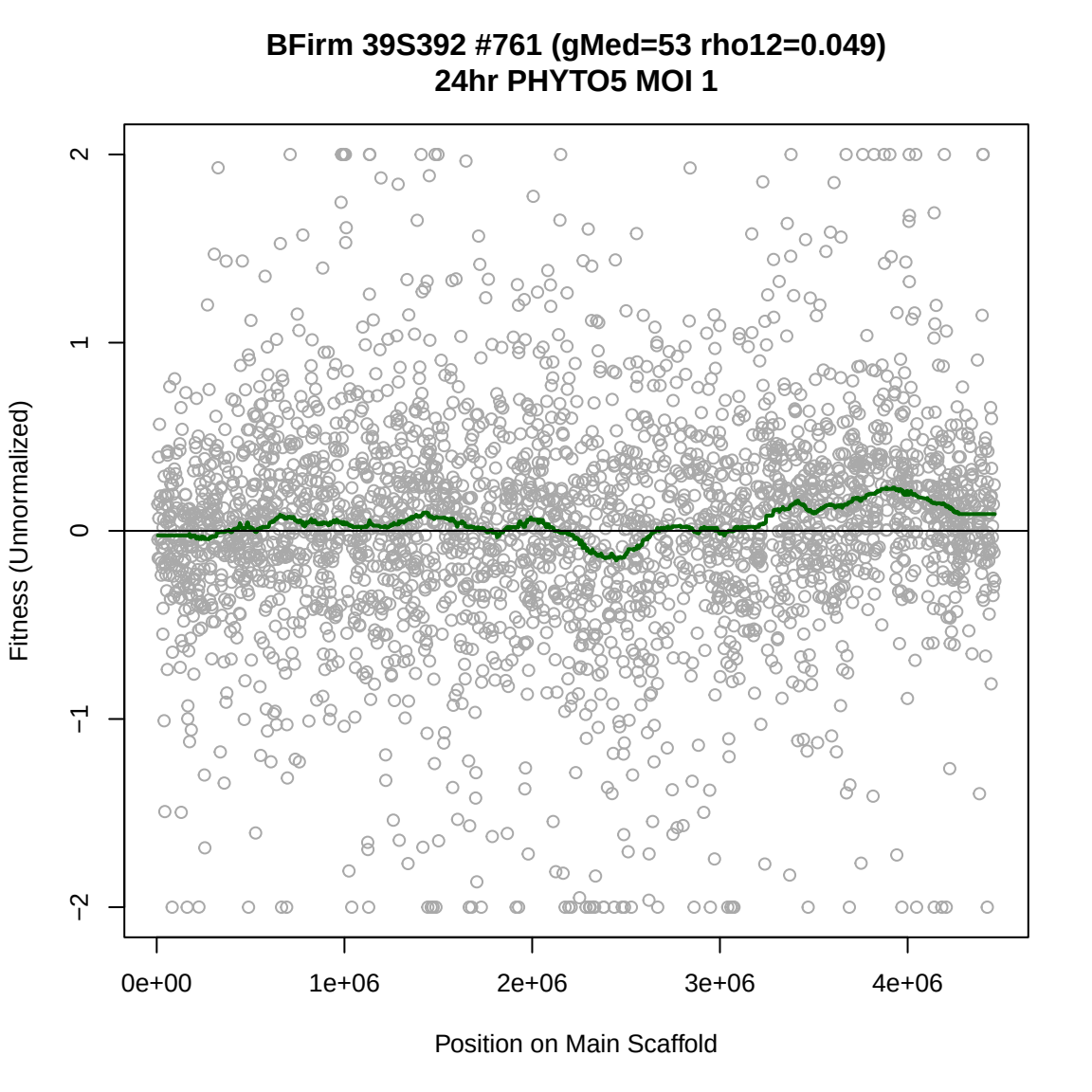

BFirm 39S386 #756 (gMed=163 rho12=−0.019)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

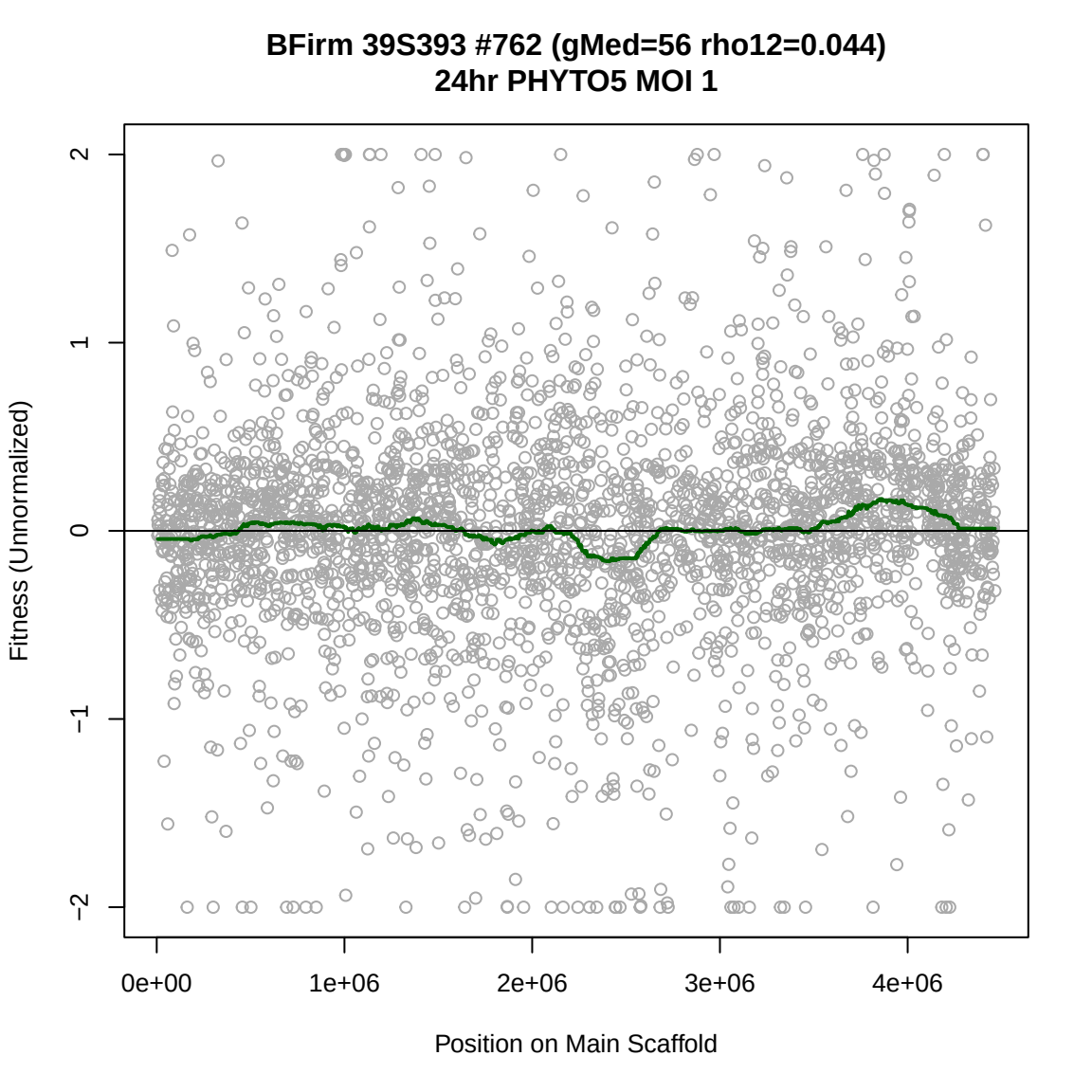

BFirm 39S387 #757 (gMed=102 rho12=−0.003)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

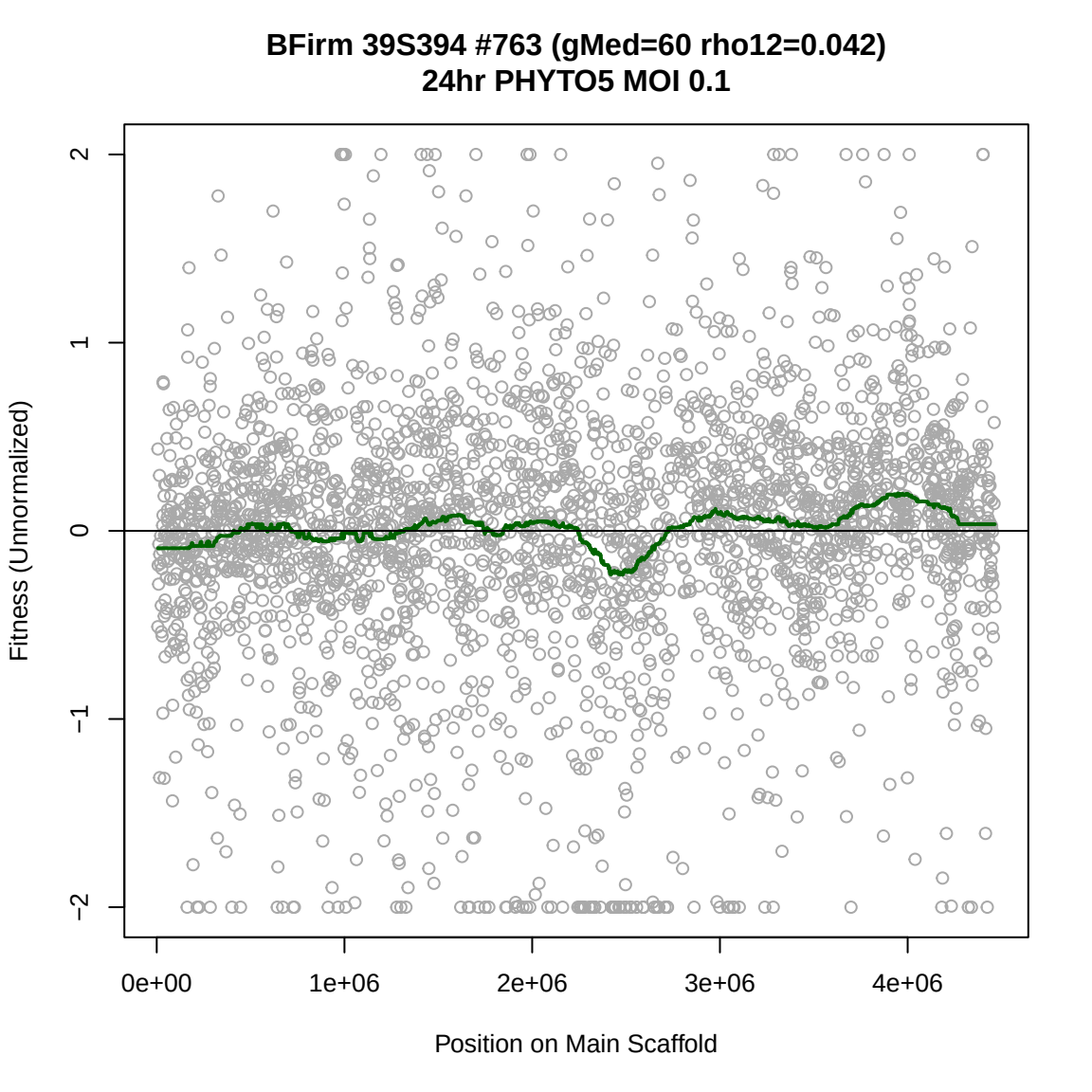

BFirm 39S388 #758 (gMed=80 rho12=0.111)
24hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

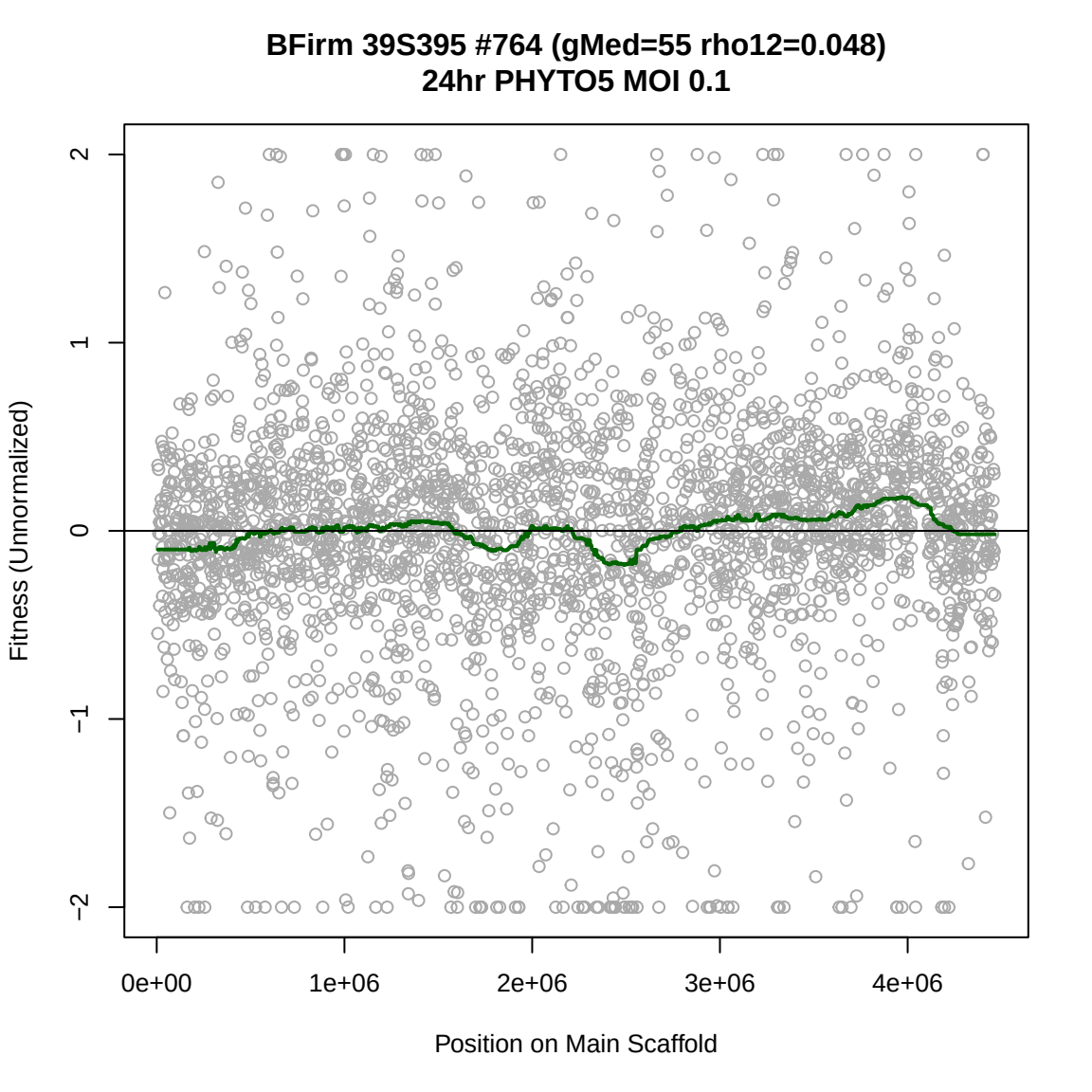

BFirm 39S389 #759 (gMed=49 rho12=0.088)
24hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

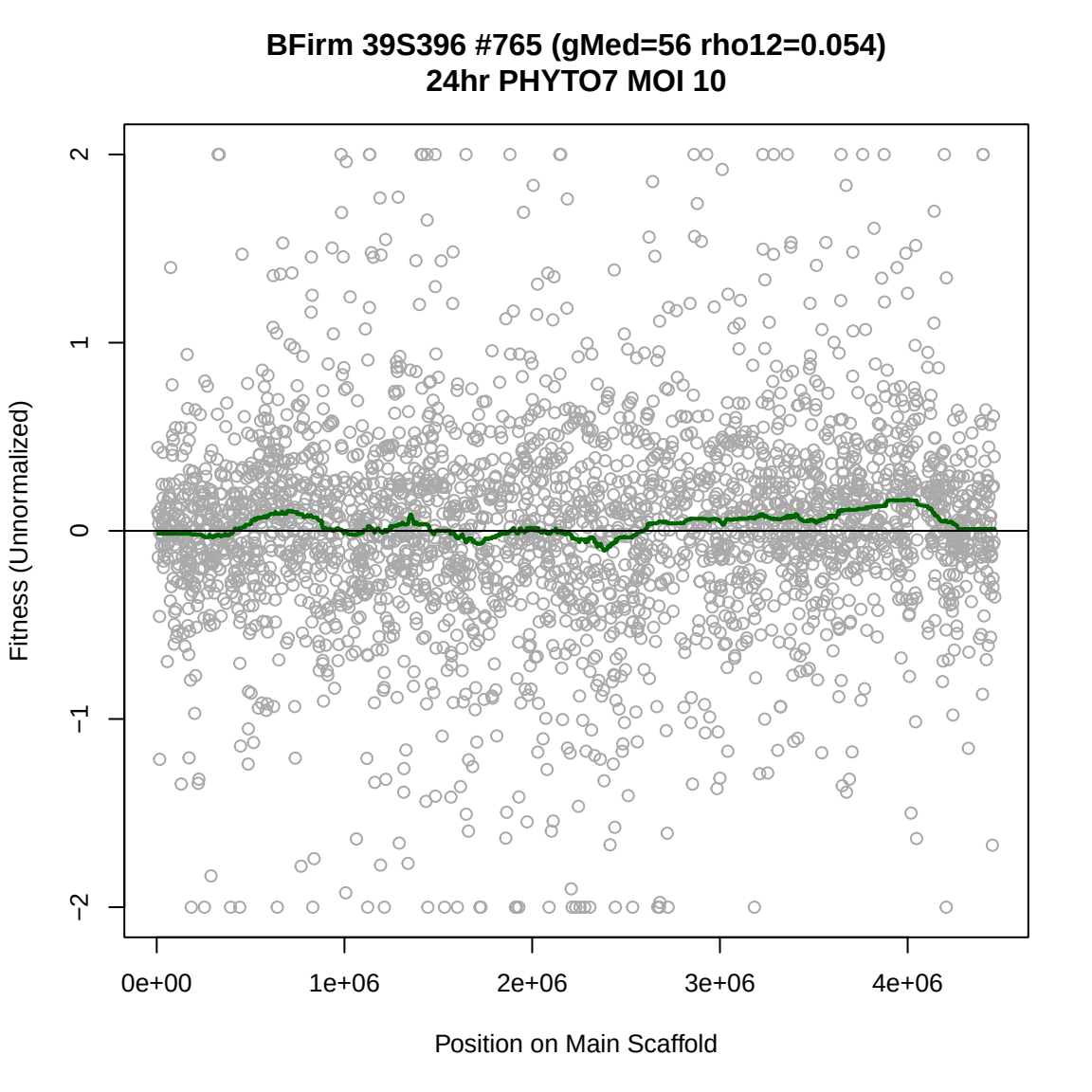

BFirm 39S391 #760 (gMed=62 rho12=0.046)
24hr PHYTO5 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

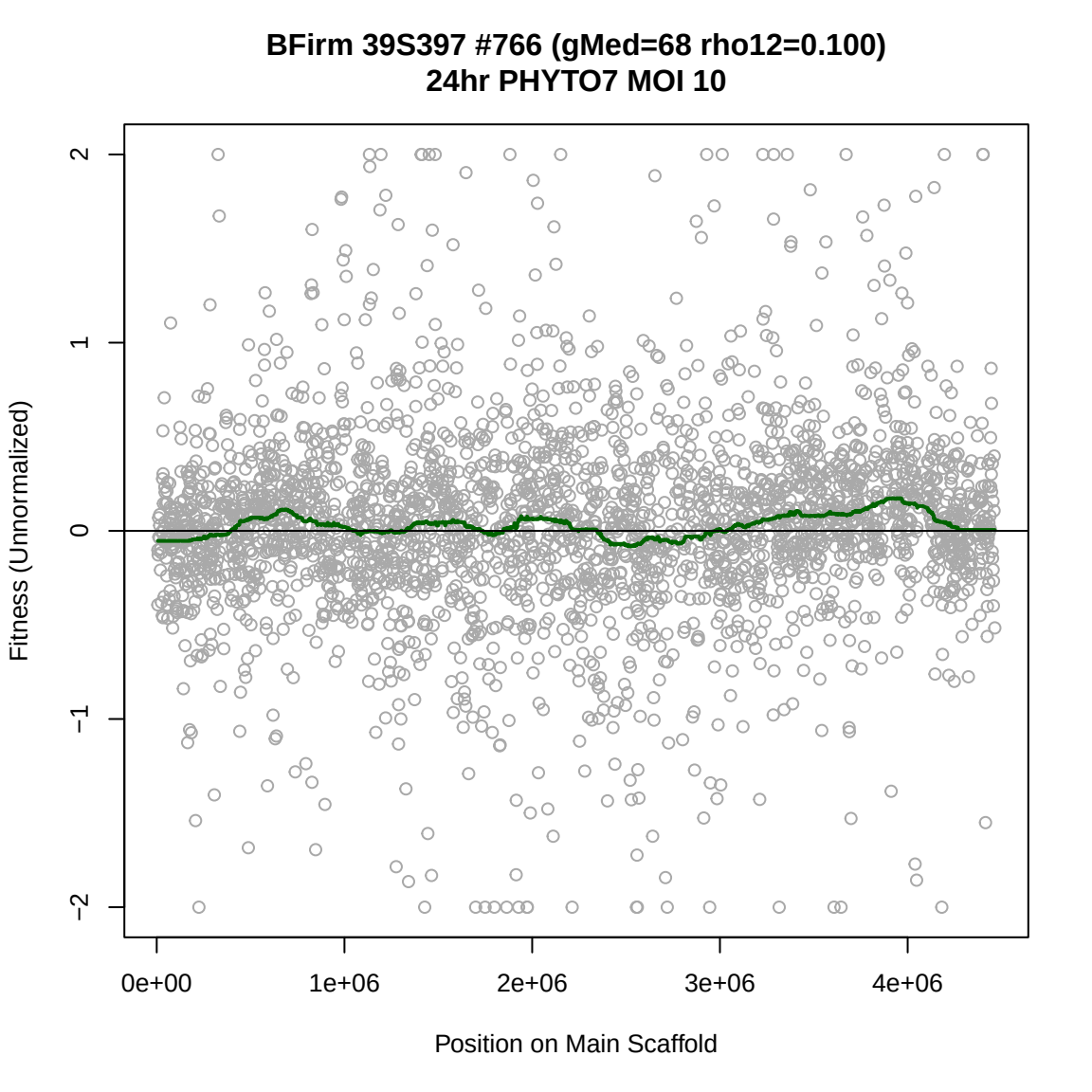

BFirm 39S392 #761 (gMed=53 rho12=0.049)
24hr PHYTO5 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

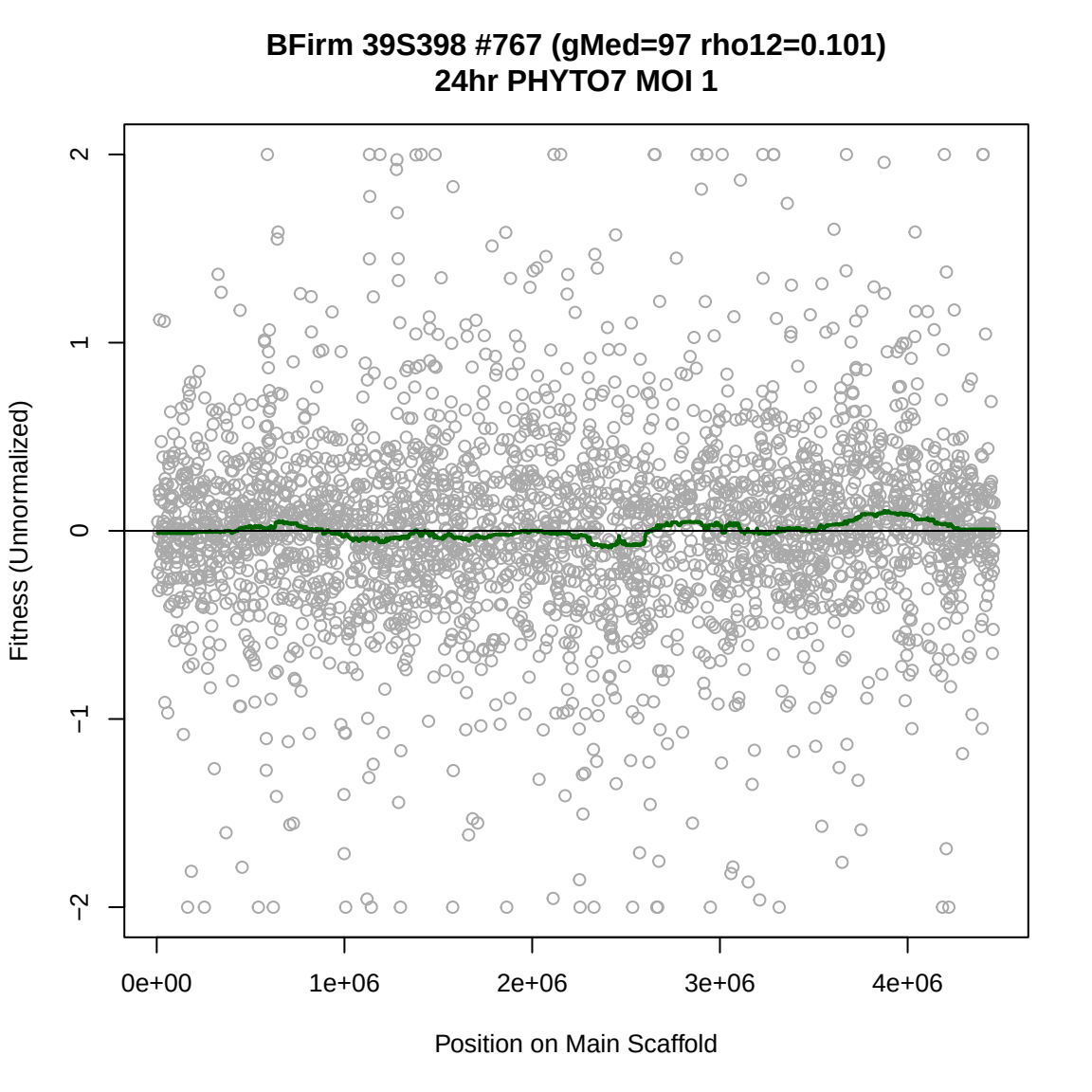

BFirm 39S393 #762 (gMed=56 rho12=0.044)
24hr PHYTO5 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

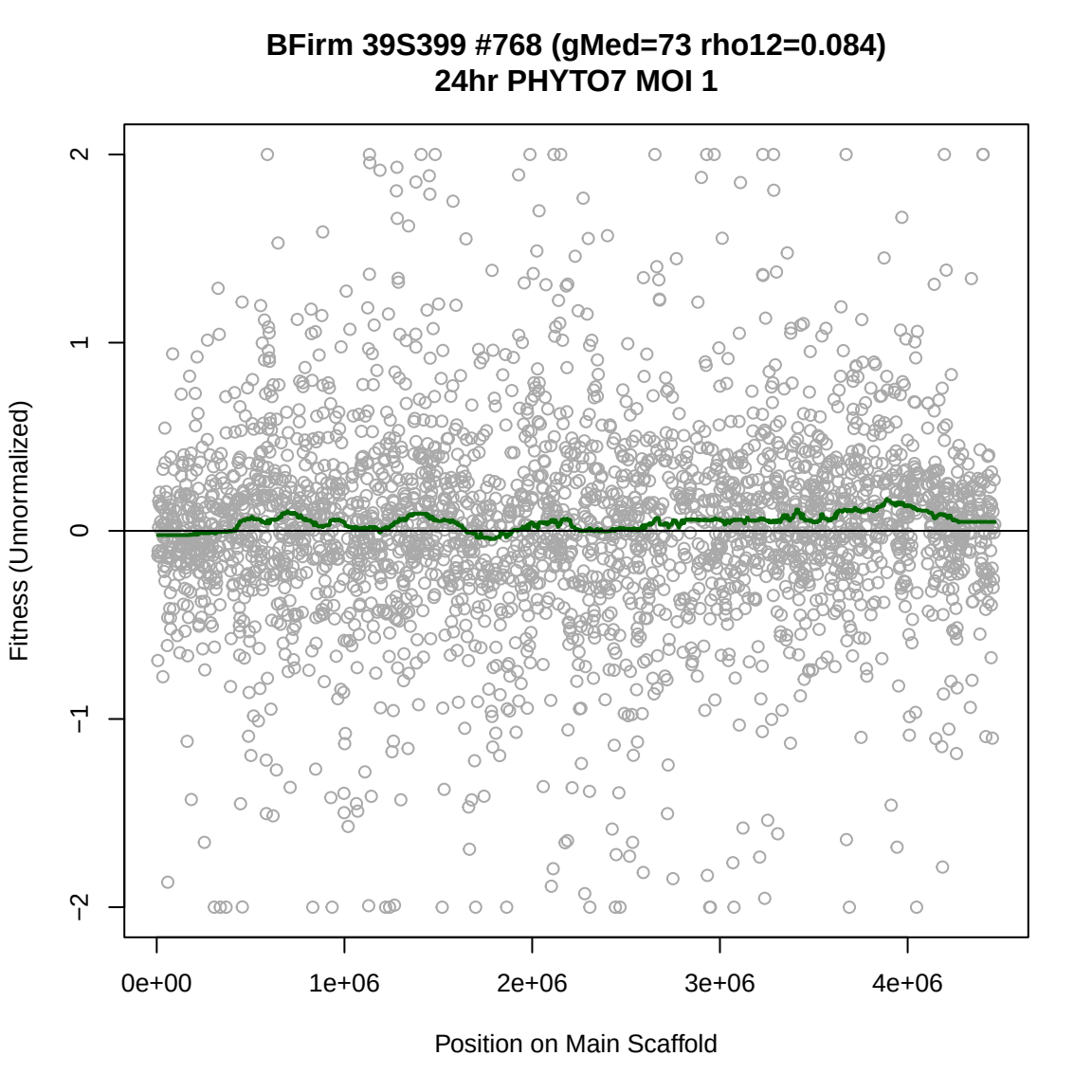

BFirm 39S394 #763 (gMed=60 rho12=0.042)
24hr PHYTO5 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

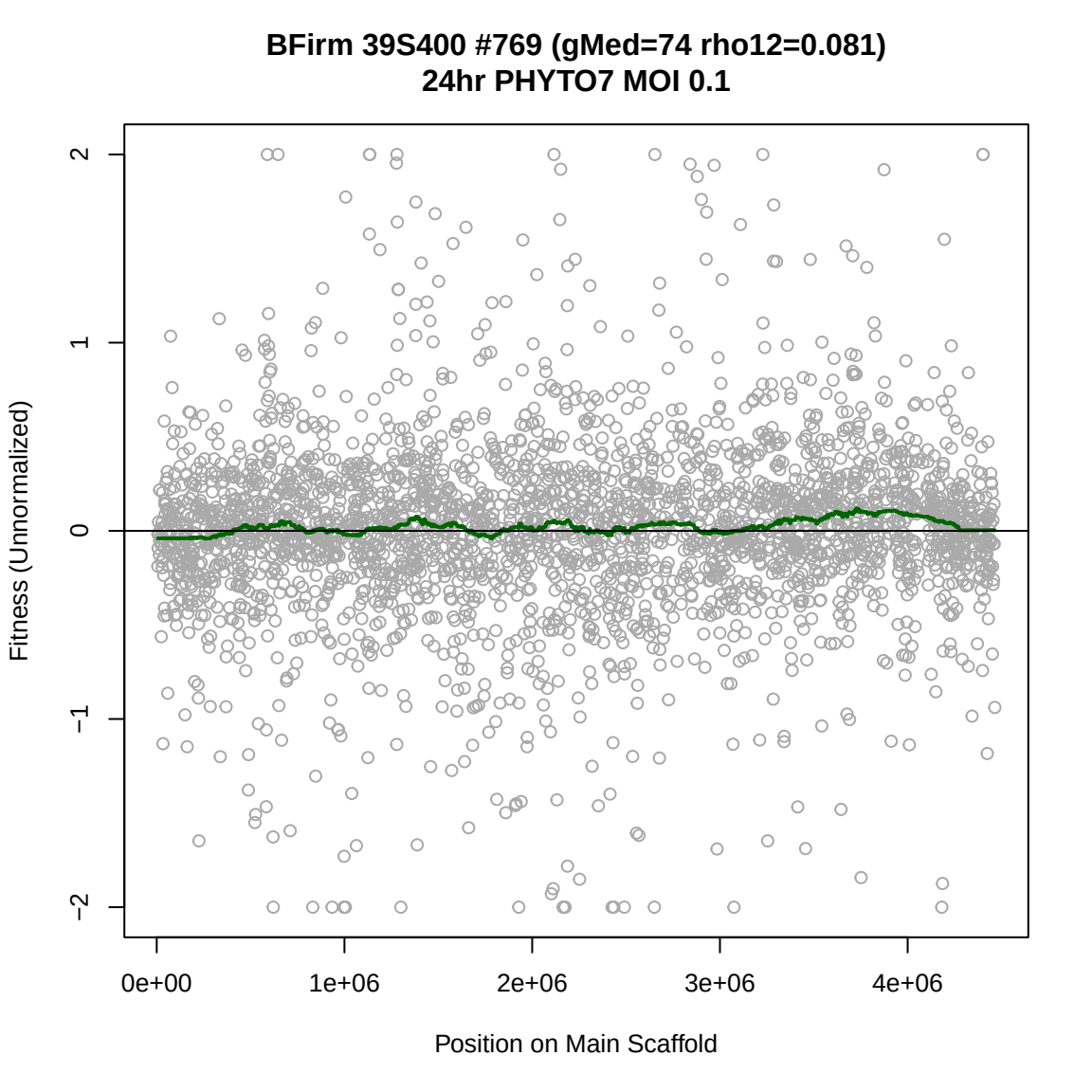

BFirm 39S395 #764 (gMed=55 rho12=0.048)
24hr PHYTO5 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

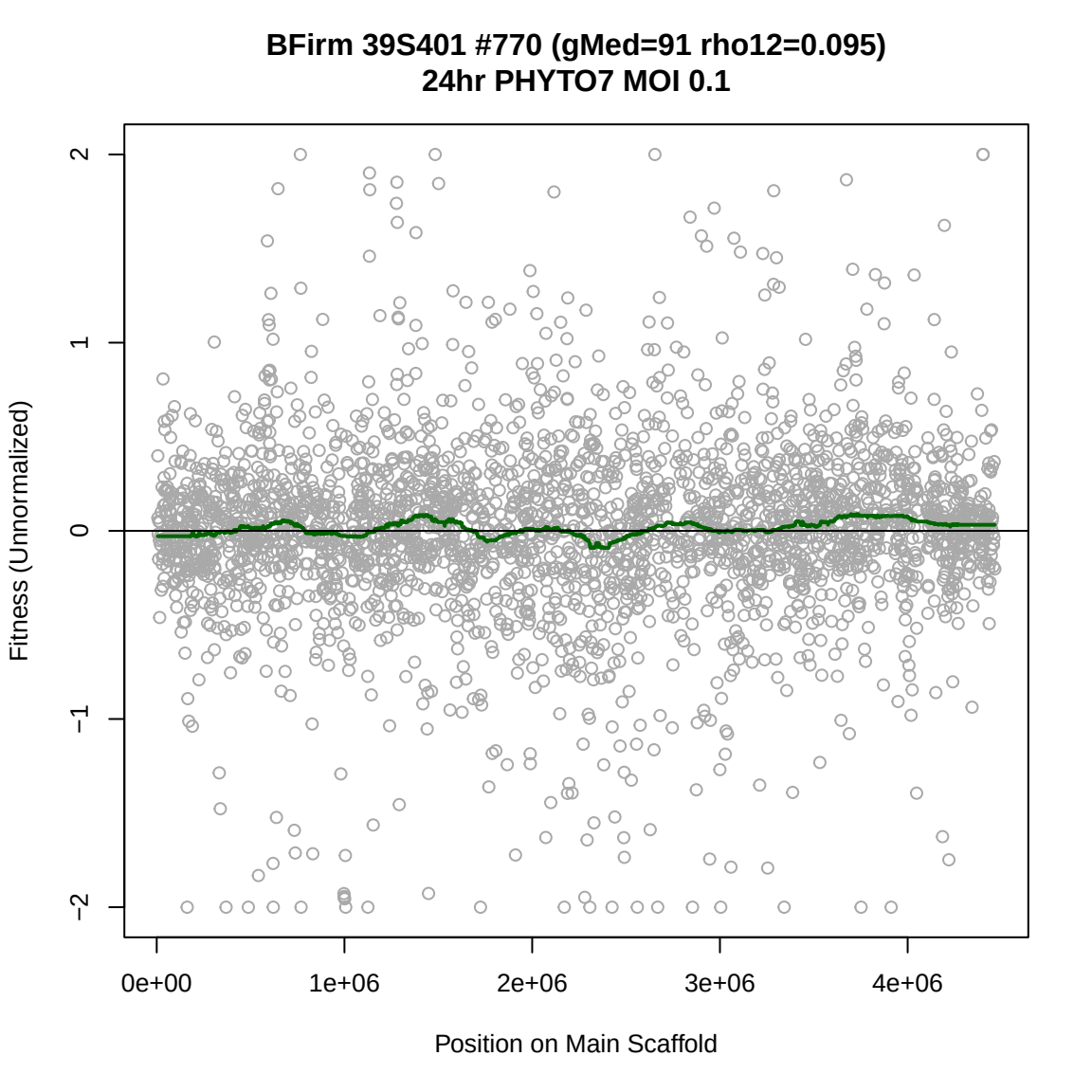

BFirm 39S396 #765 (gMed=56 rho12=0.054)
24hr PHYTO7 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

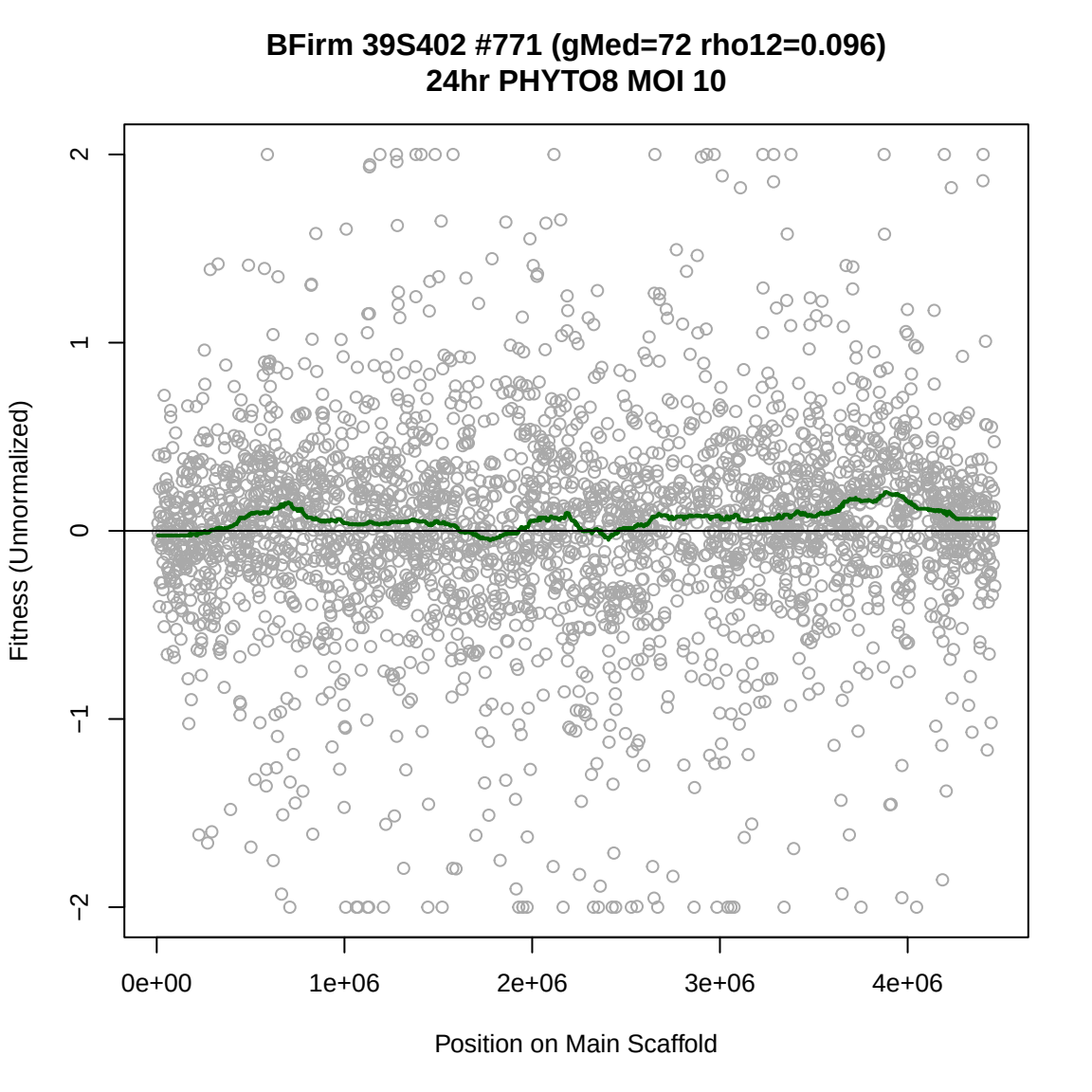

BFirm 39S397 #766 (gMed=68 rho12=0.100)
24hr PHYTO7 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

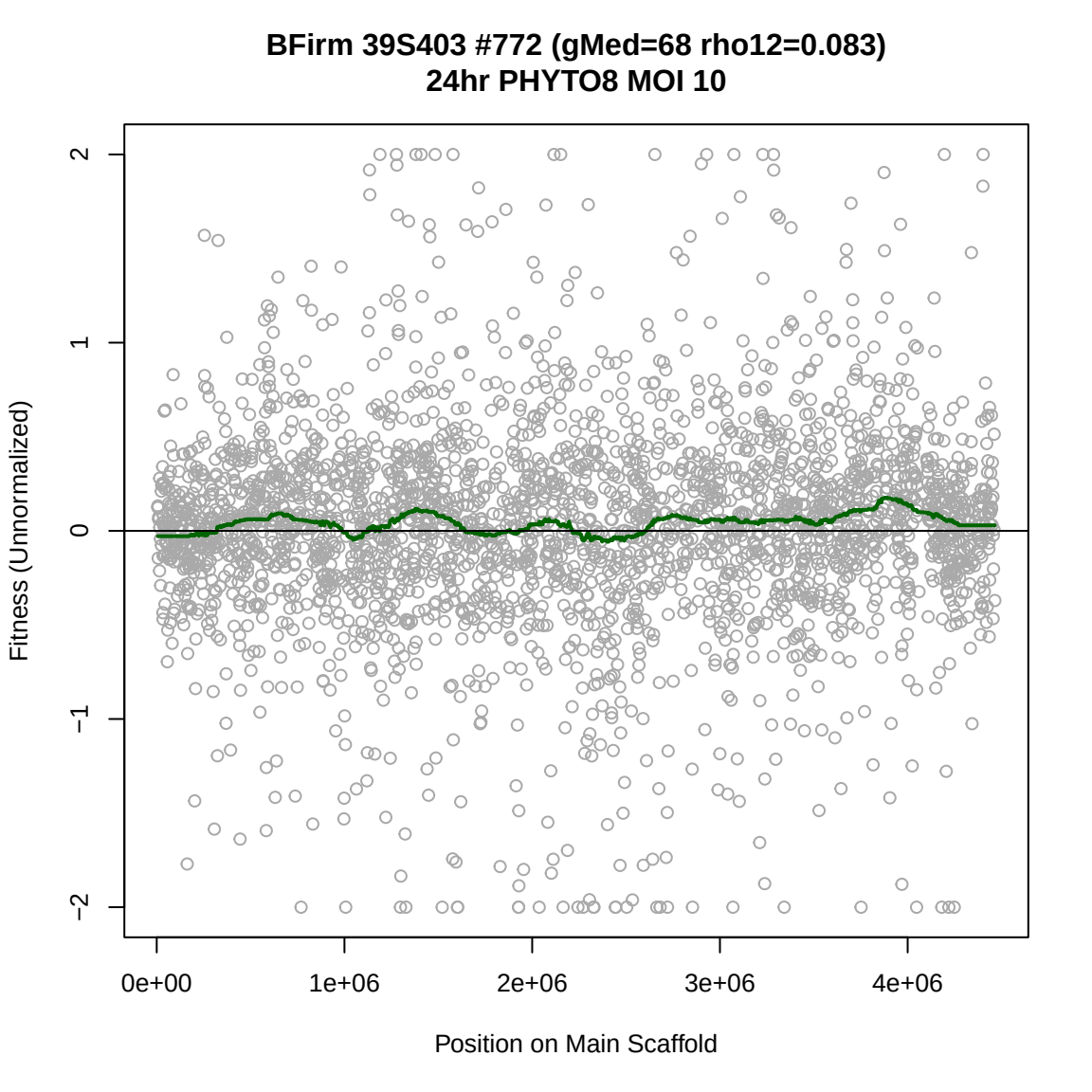

BFirm 39S398 #767 (gMed=97 rho12=0.101)
24hr PHYTO7 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

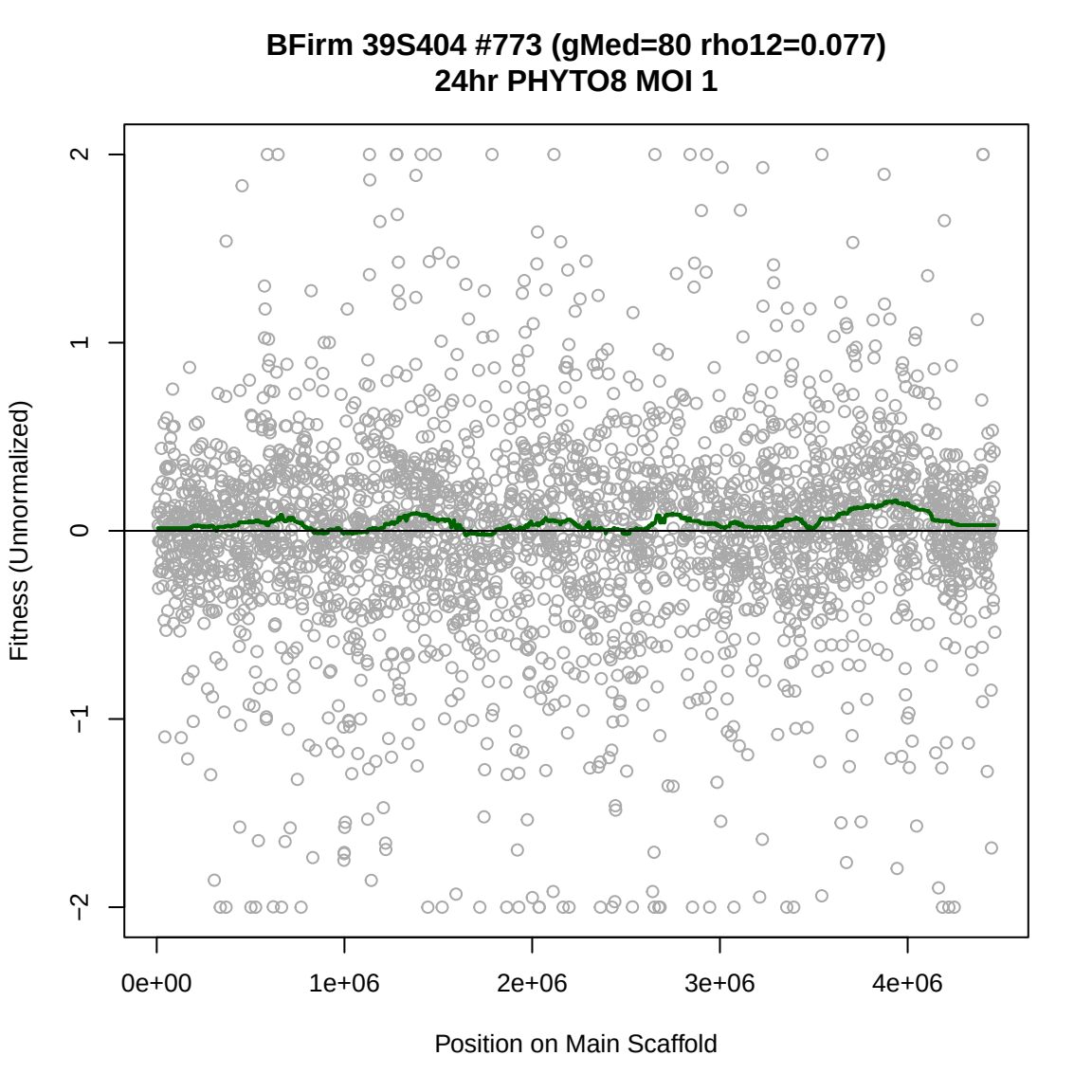

BFirm 39S399 #768 (gMed=73 rho12=0.084)
24hr PHYTO7 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

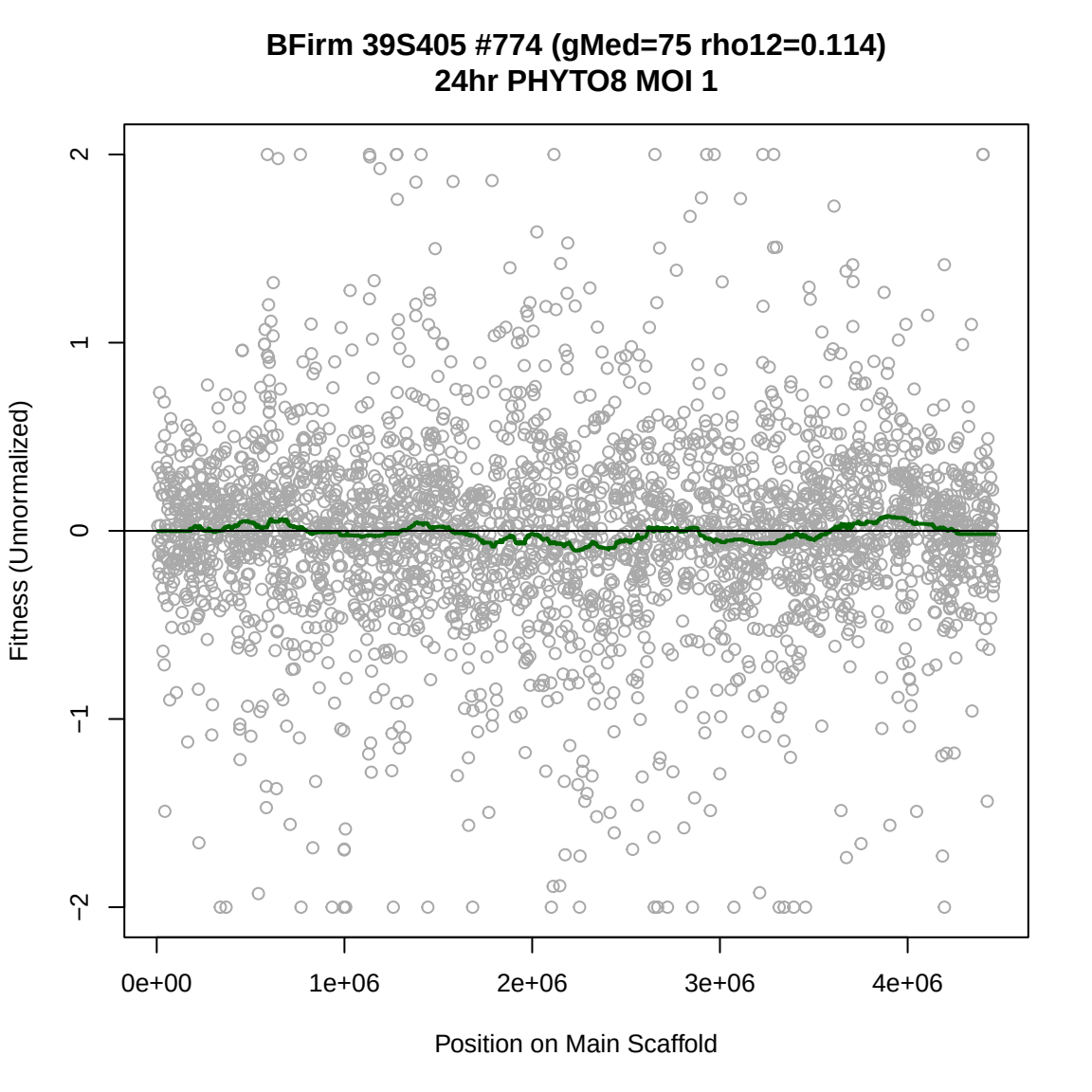

BFirm 39S400 #769 (gMed=74 rho12=0.081)
24hr PHYTO7 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

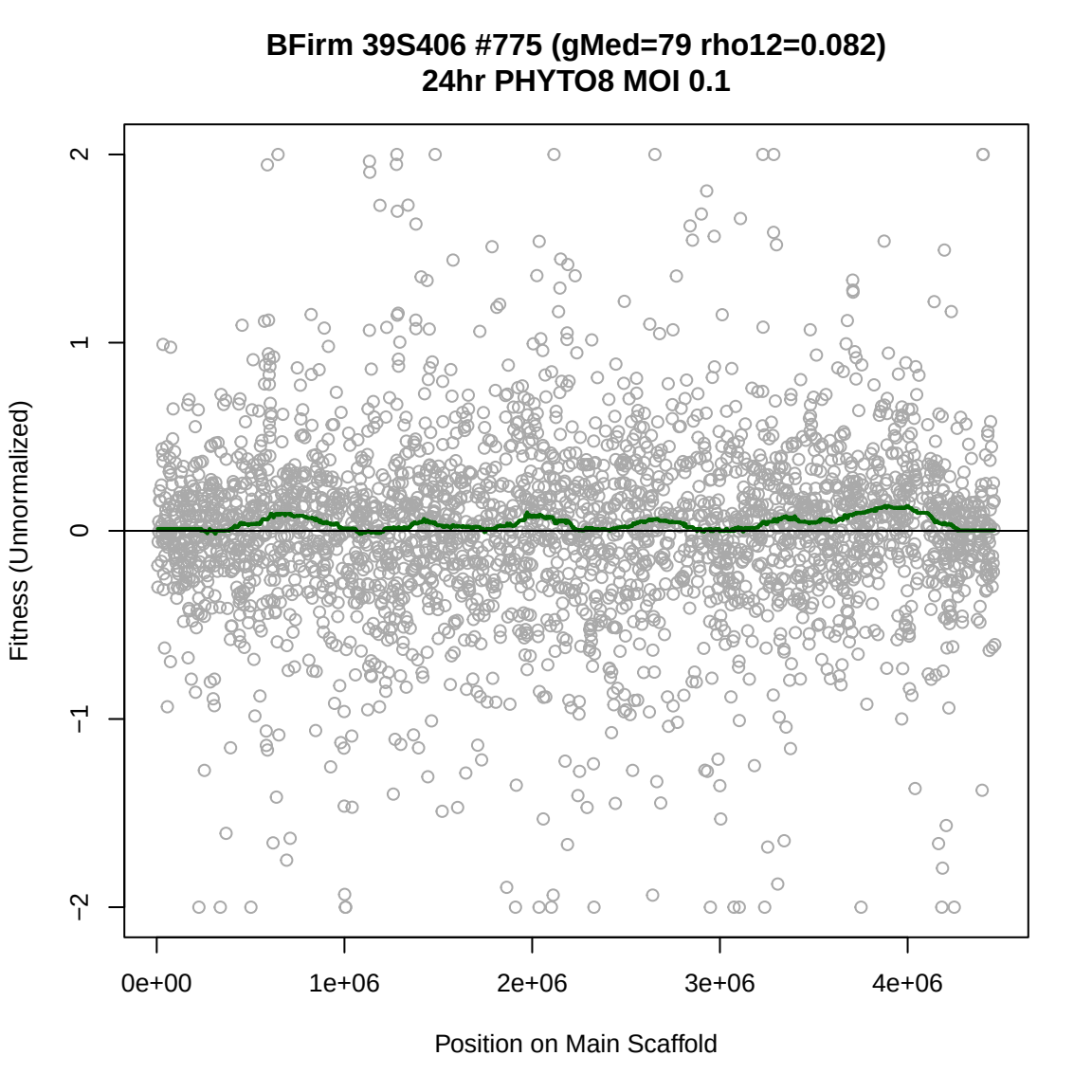

BFirm 39S401 #770 (gMed=91 rho12=0.095)
24hr PHYTO7 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

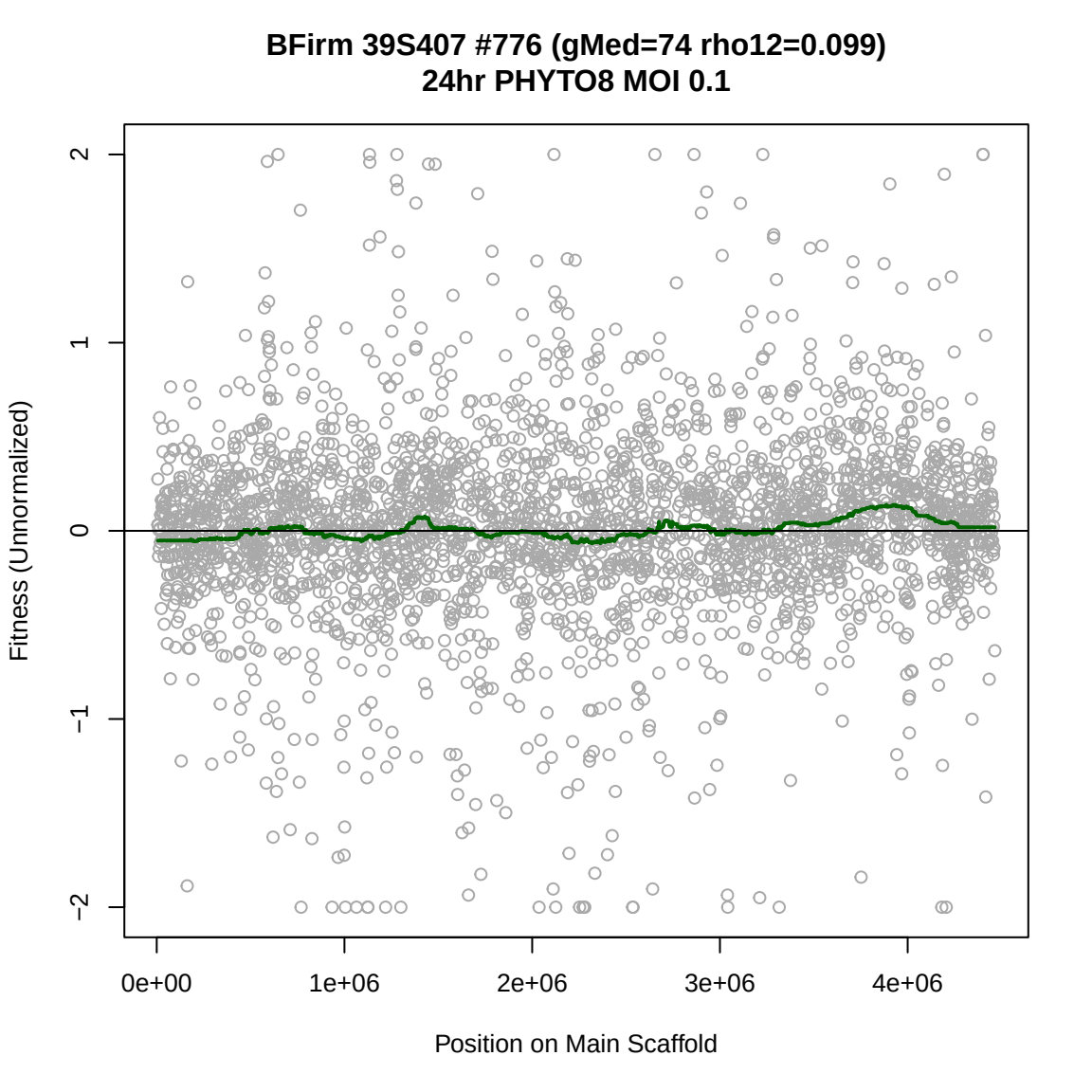

BFirm 39S402 #771 (gMed=72 rho12=0.096)
24hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

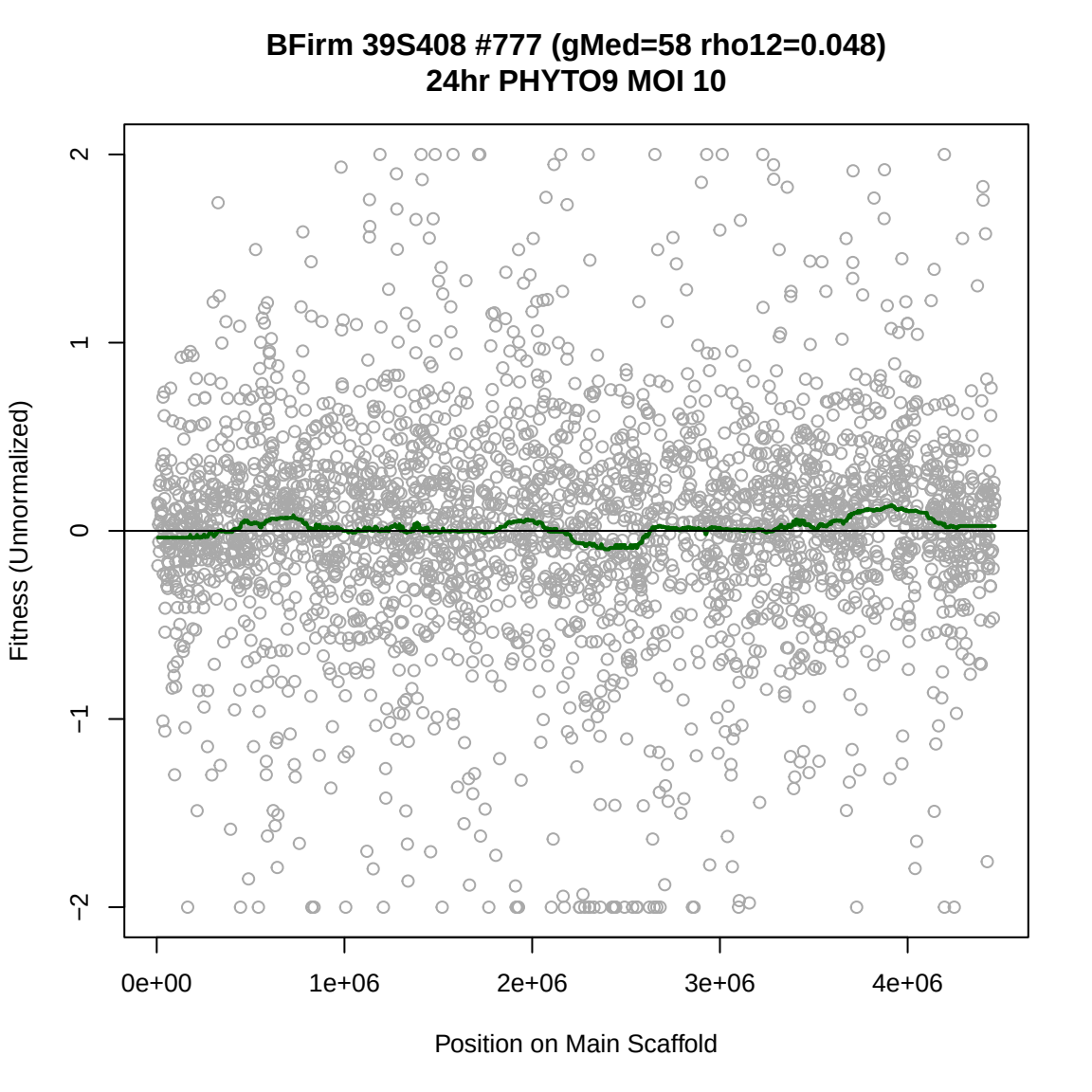

BFirm 39S403 #772 (gMed=68 rho12=0.083)
24hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

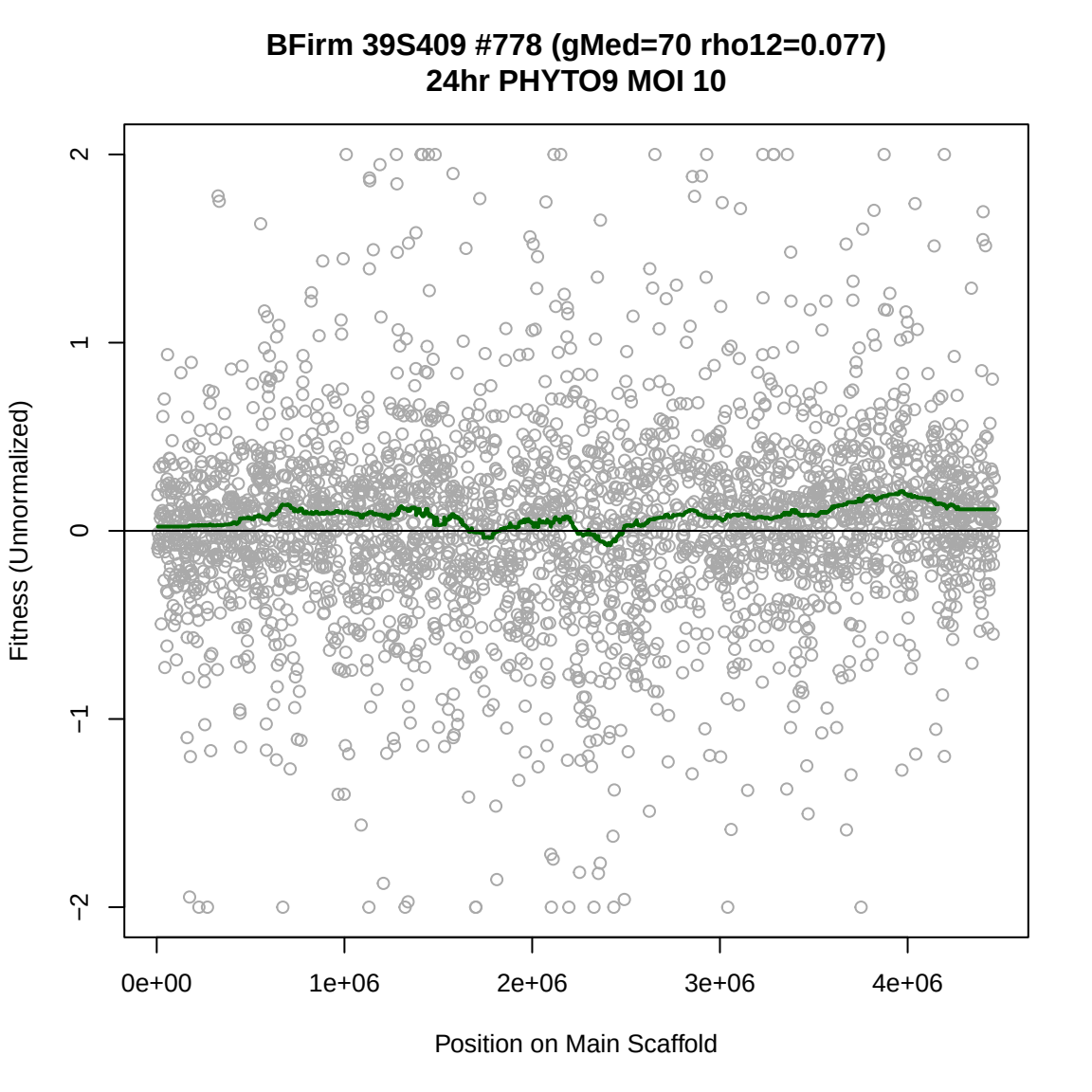

BFirm 39S404 #773 (gMed=80 rho12=0.077)
24hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

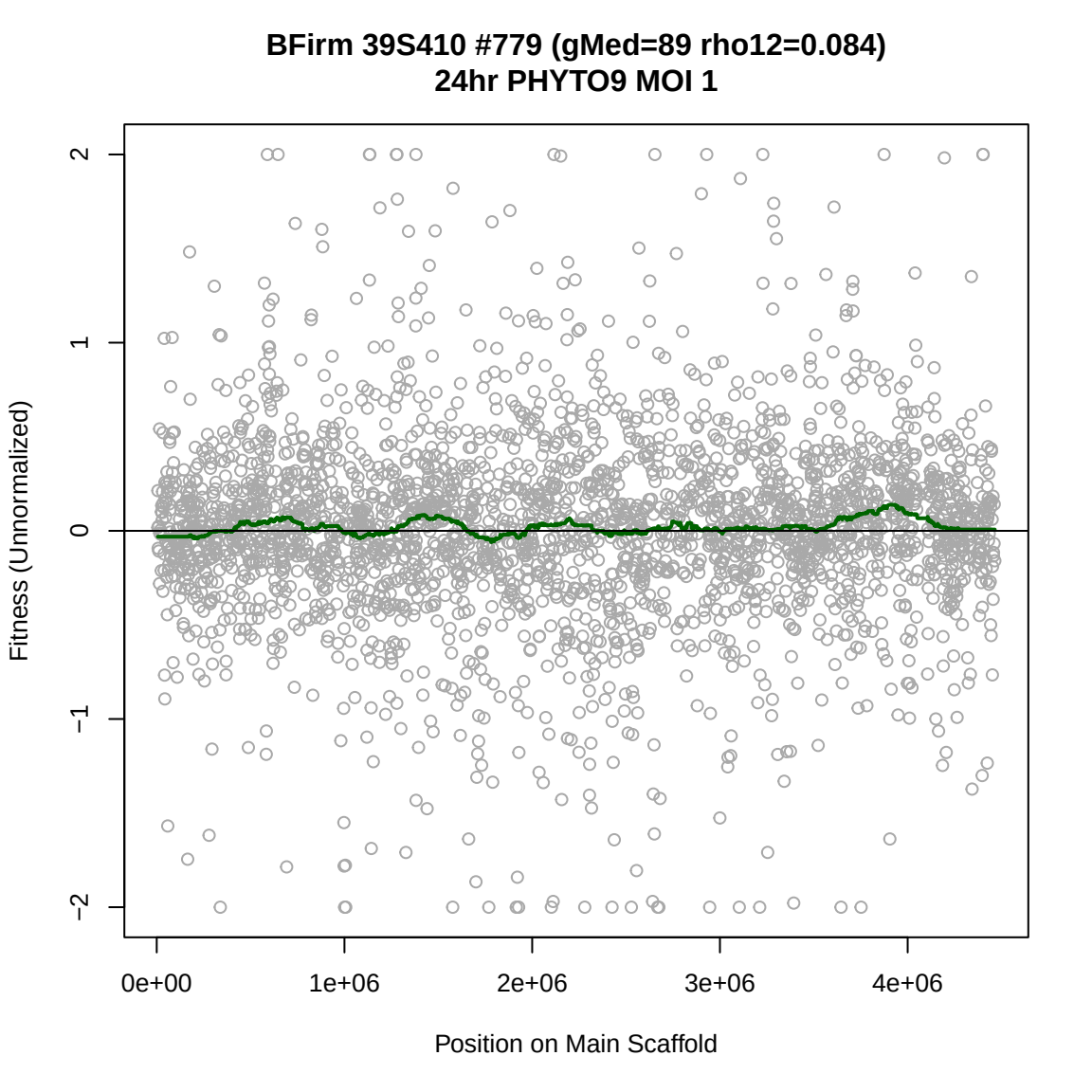

BFirm 39S405 #774 (gMed=75 rho12=0.114)
24hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

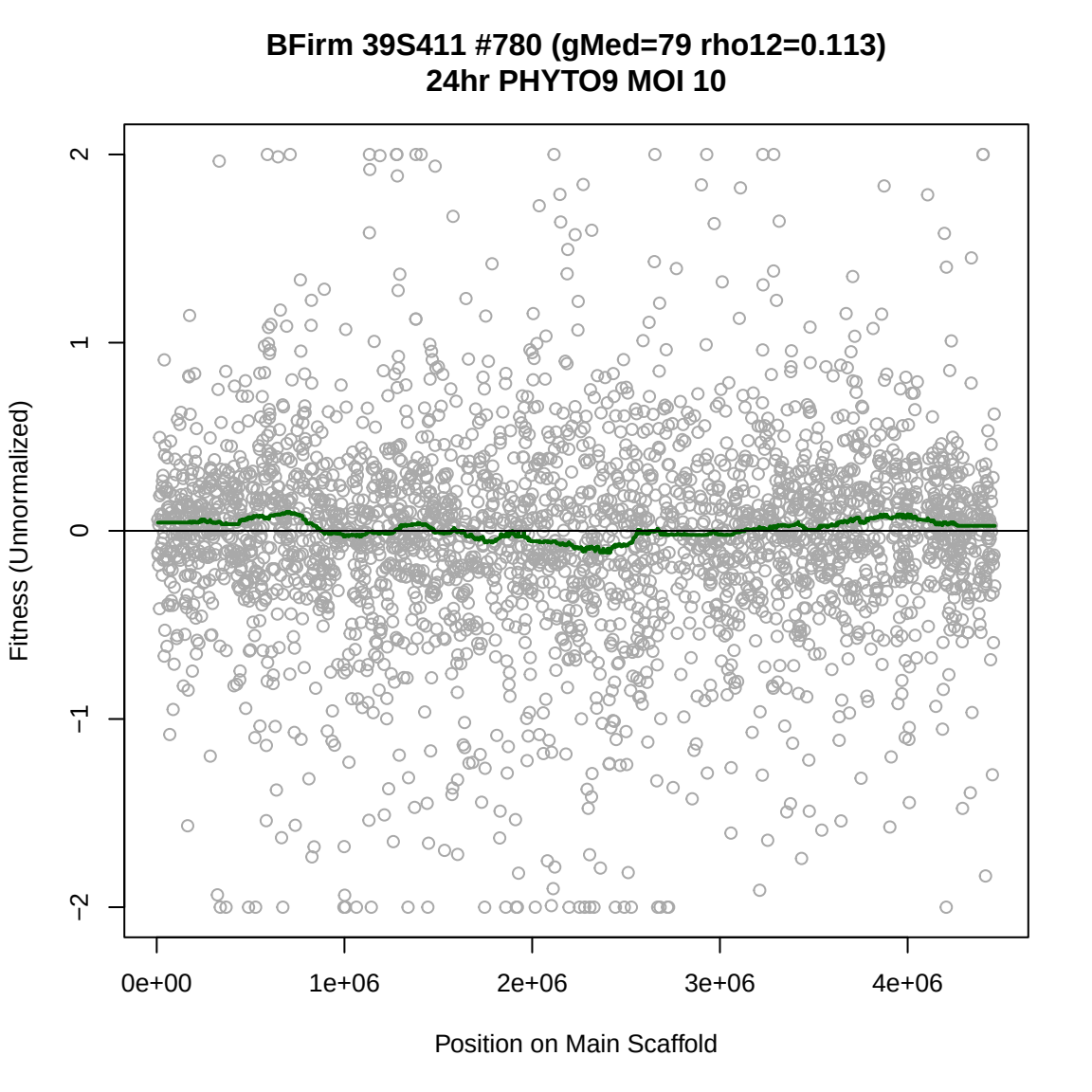

BFirm 39S406 #775 (gMed=79 rho12=0.082)
24hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

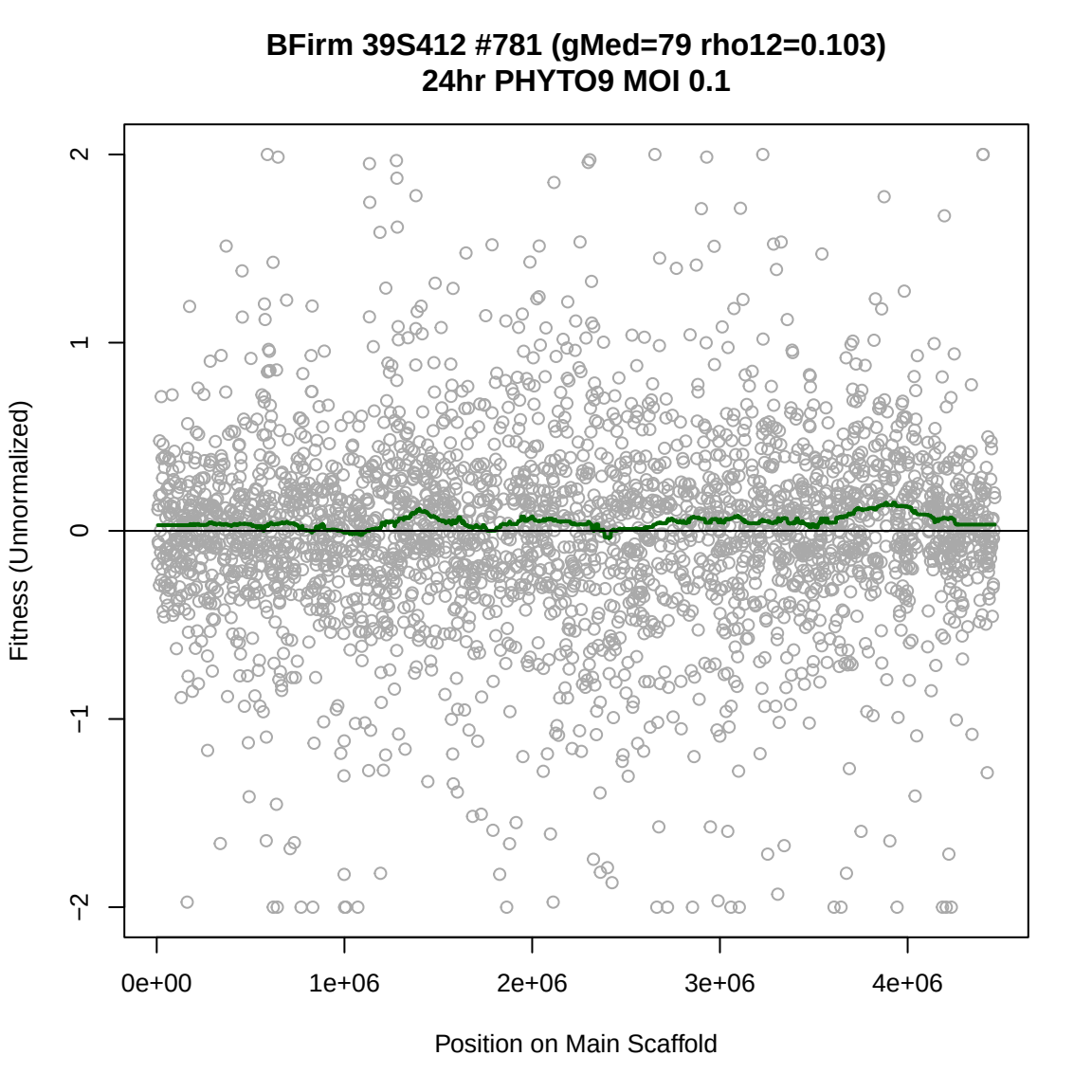

BFirm 39S407 #776 (gMed=74 rho12=0.099)
24hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

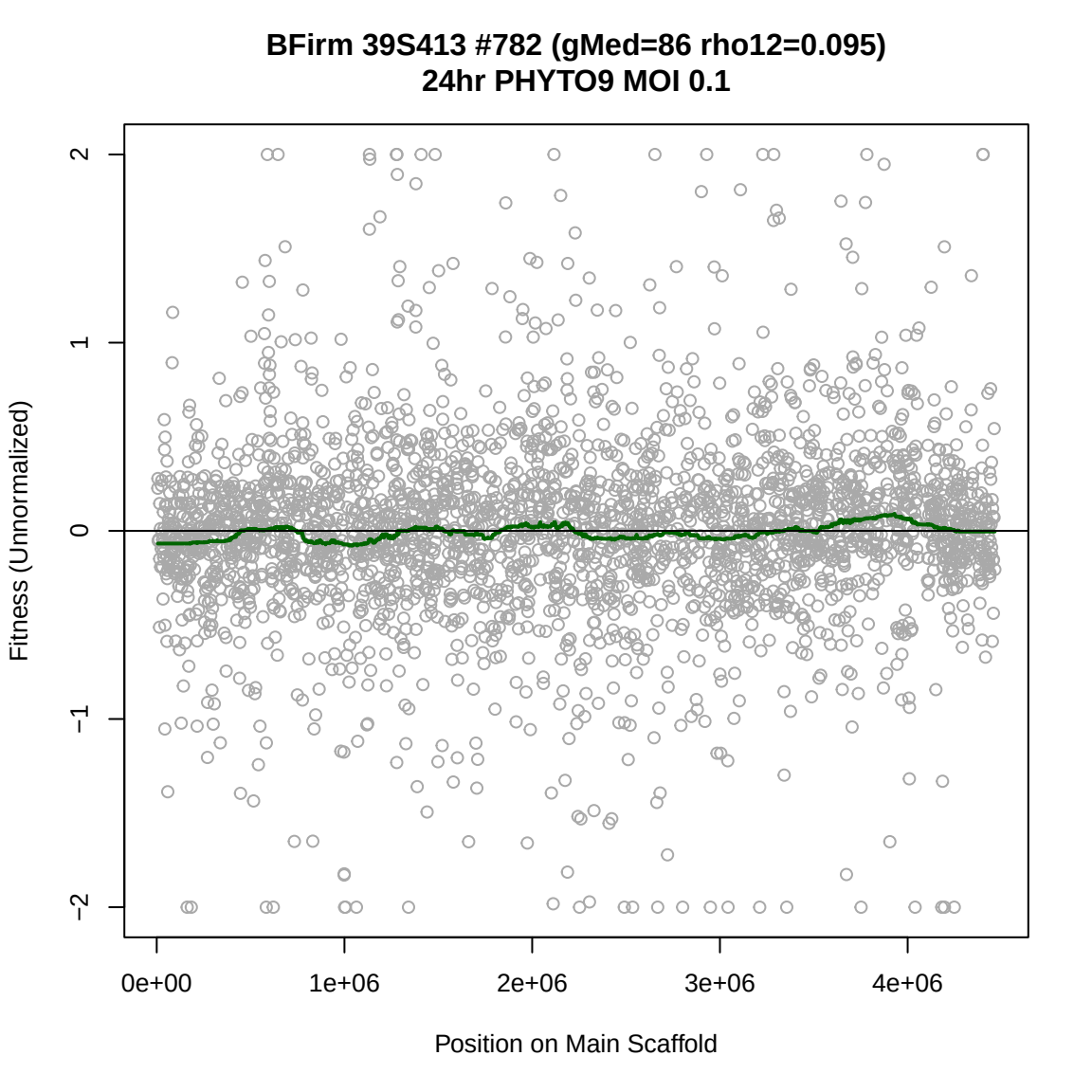

BFirm 39S408 #777 (gMed=58 rho12=0.048)
24hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

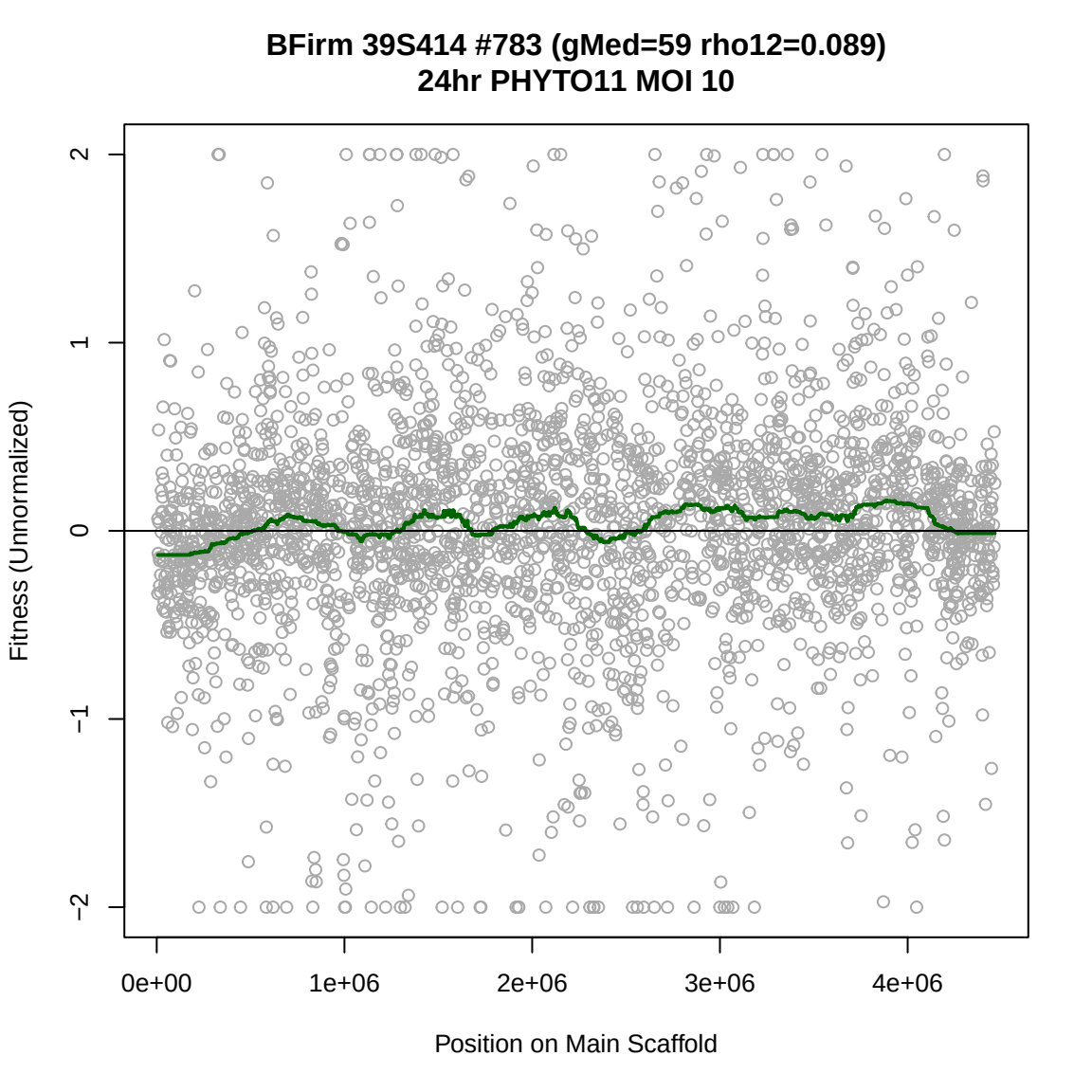

BFirm 39S409 #778 (gMed=70 rho12=0.077)
24hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

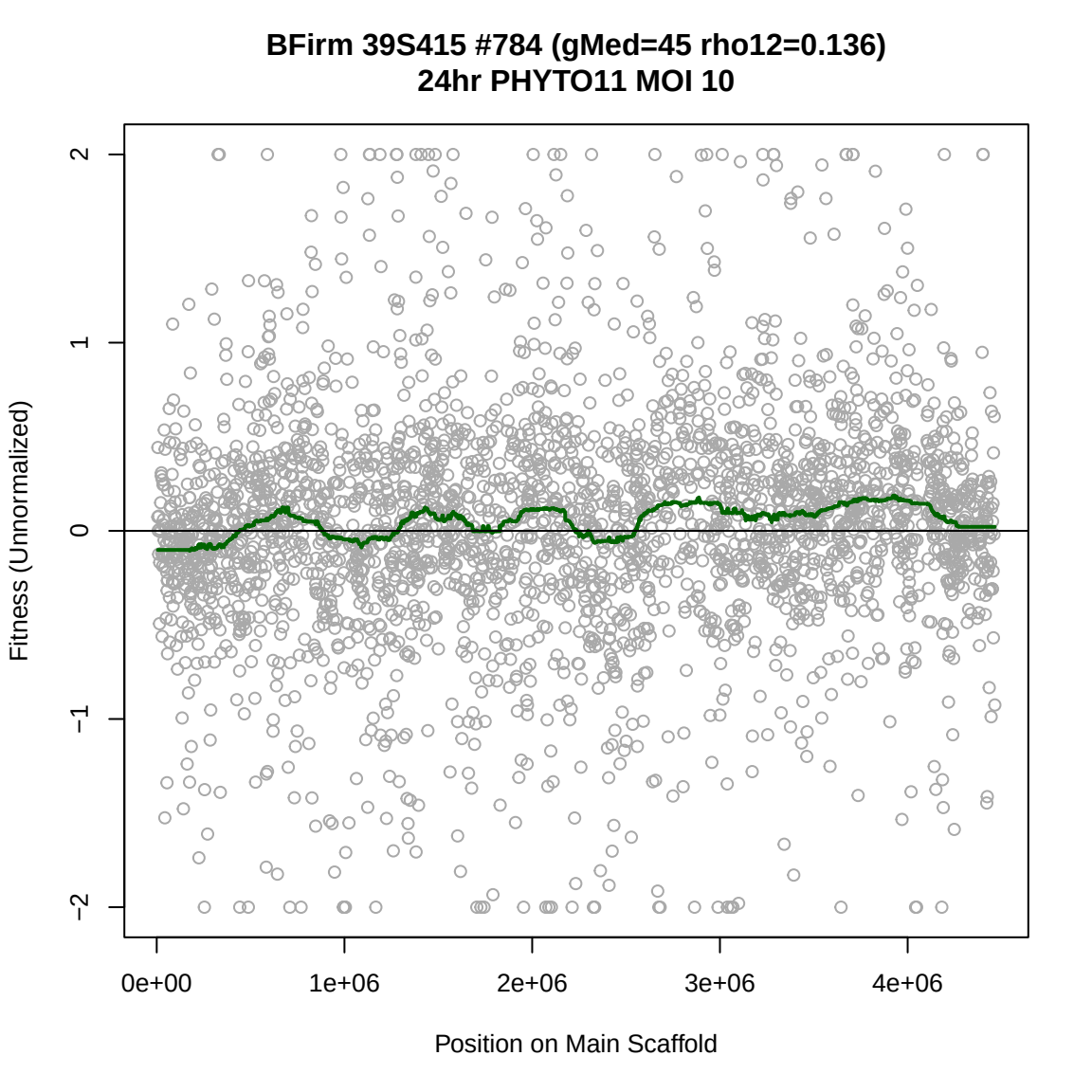

BFirm 39S410 #779 (gMed=89 rho12=0.084)
24hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

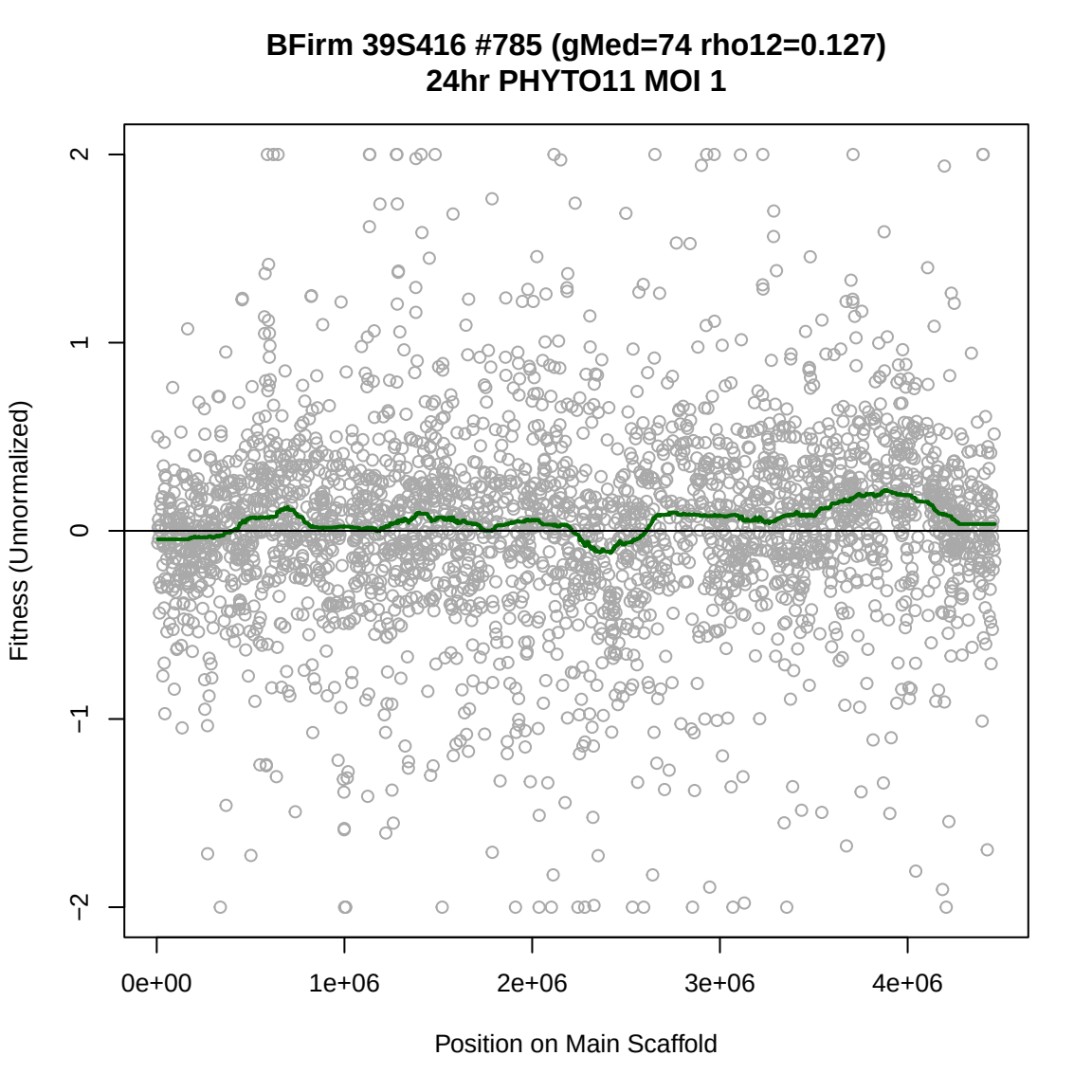

BFirm 39S411 #780 (gMed=79 rho12=0.113)
24hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

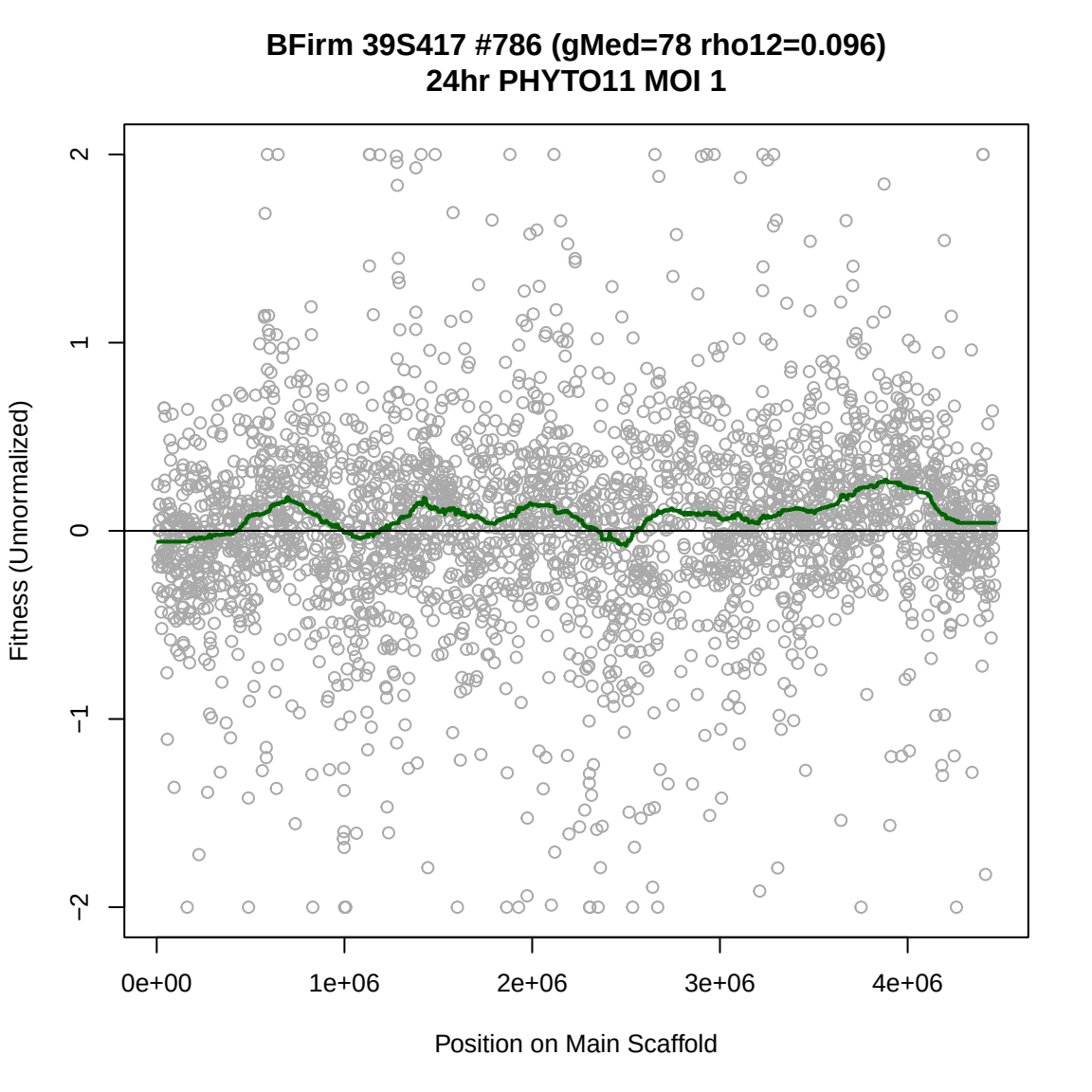

BFirm 39S412 #781 (gMed=79 rho12=0.103)
24hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

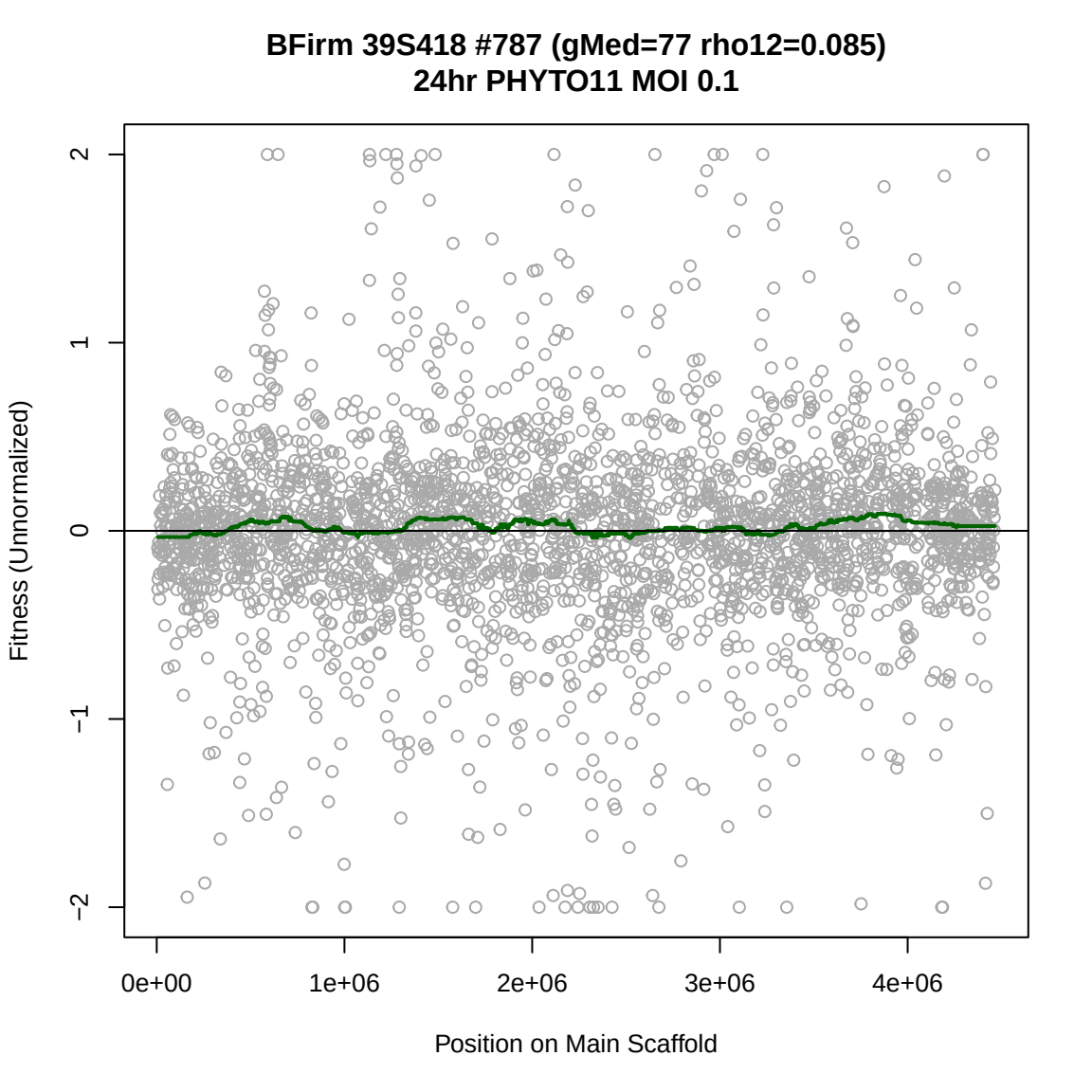

BFirm 39S413 #782 (gMed=86 rho12=0.095)
24hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

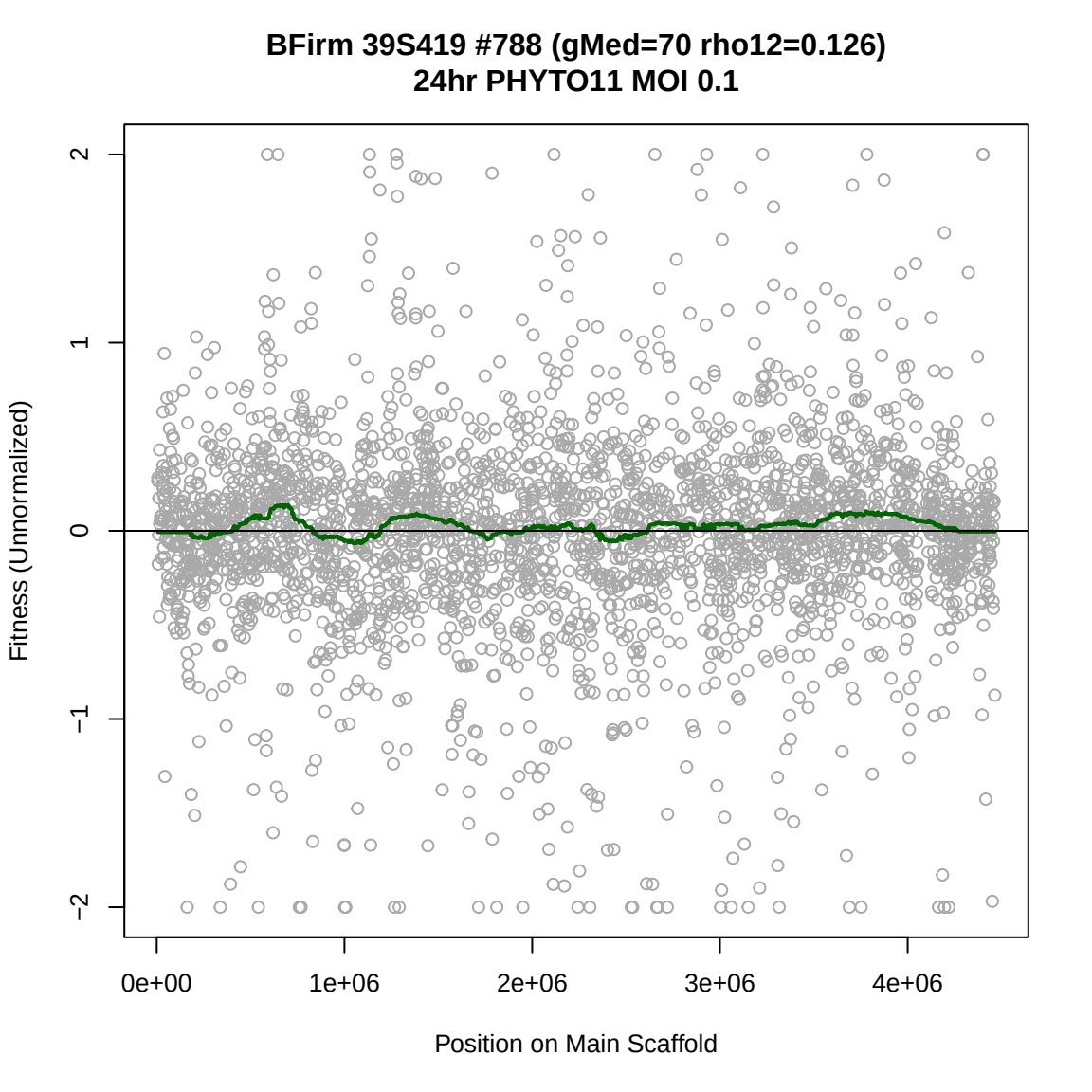

BFirm 39S414 #783 (gMed=59 rho12=0.089)
24hr PHYTO11 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

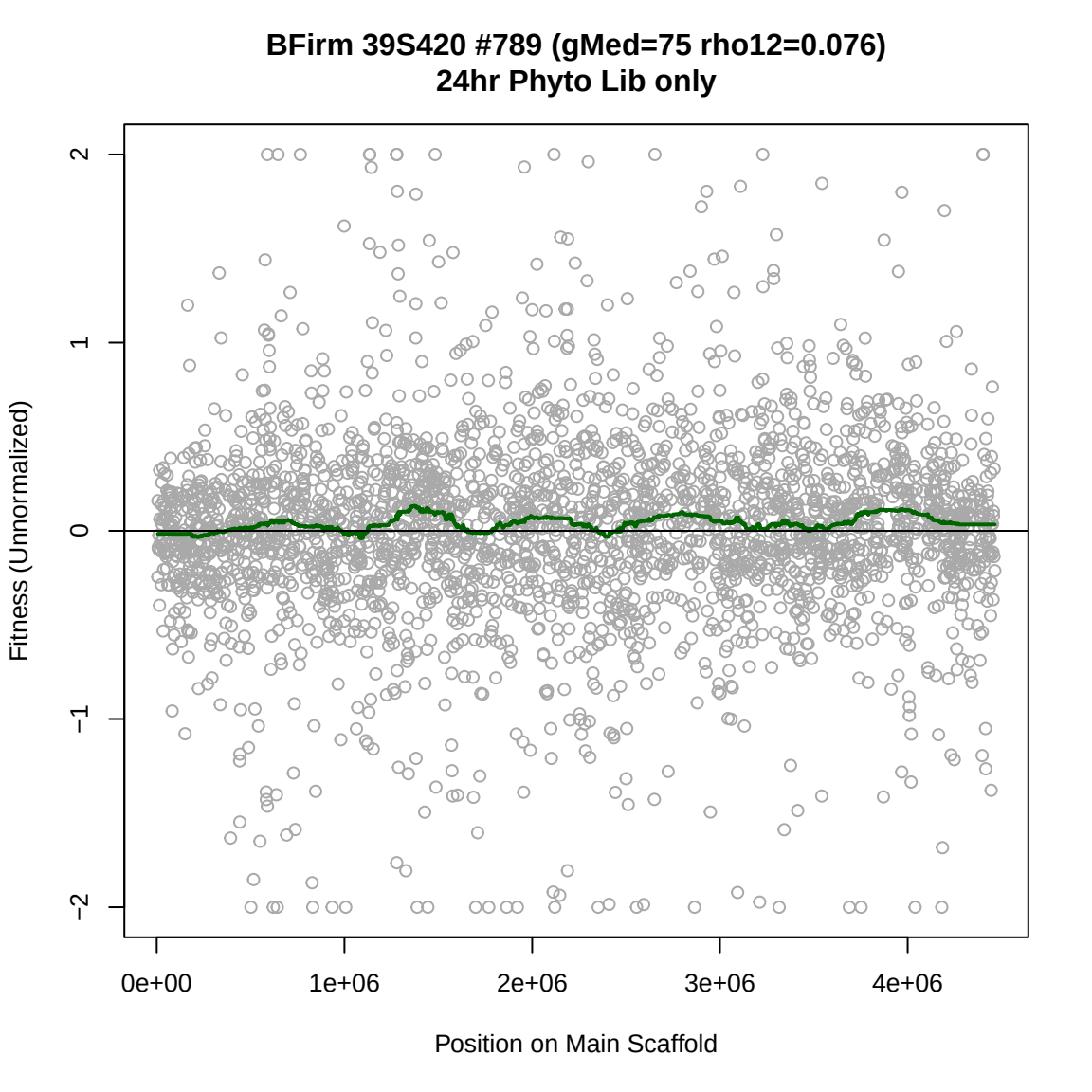

BFirm 39S415 #784 (gMed=45 rho12=0.136)
24hr PHYTO11 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

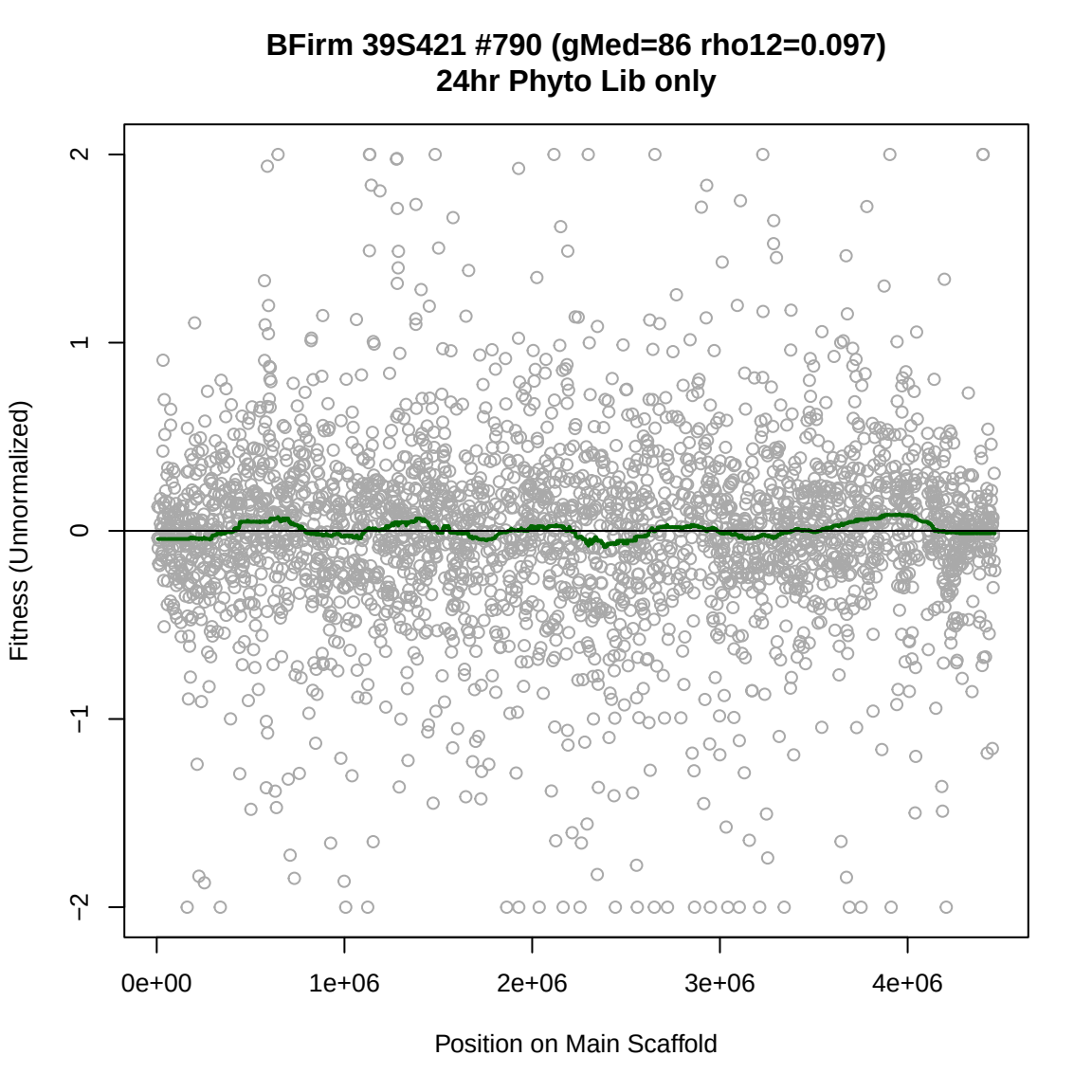

BFirm 39S416 #785 (gMed=74 rho12=0.127)
24hr PHYTO11 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

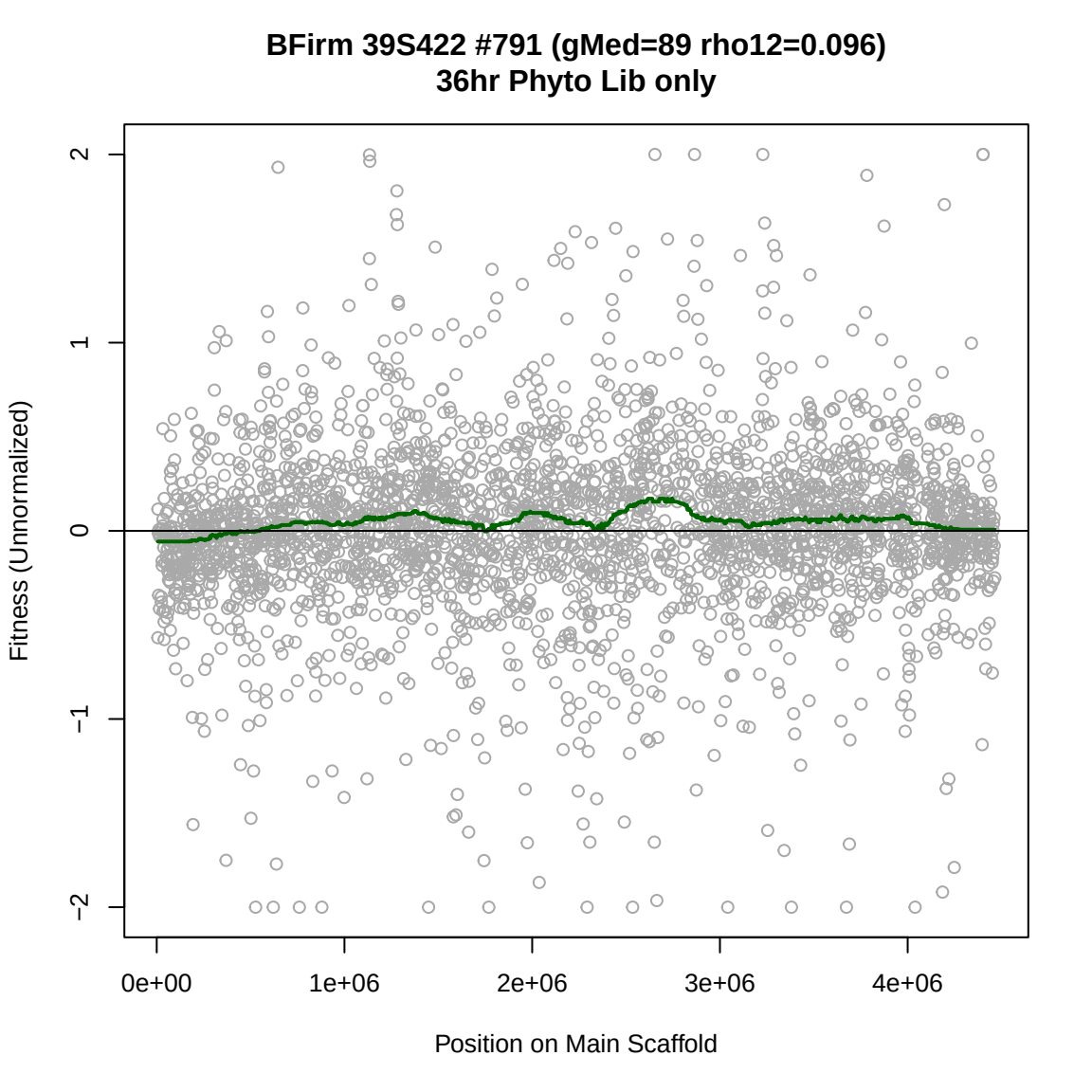

BFirm 39S417 #786 (gMed=78 rho12=0.096)
24hr PHYTO11 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

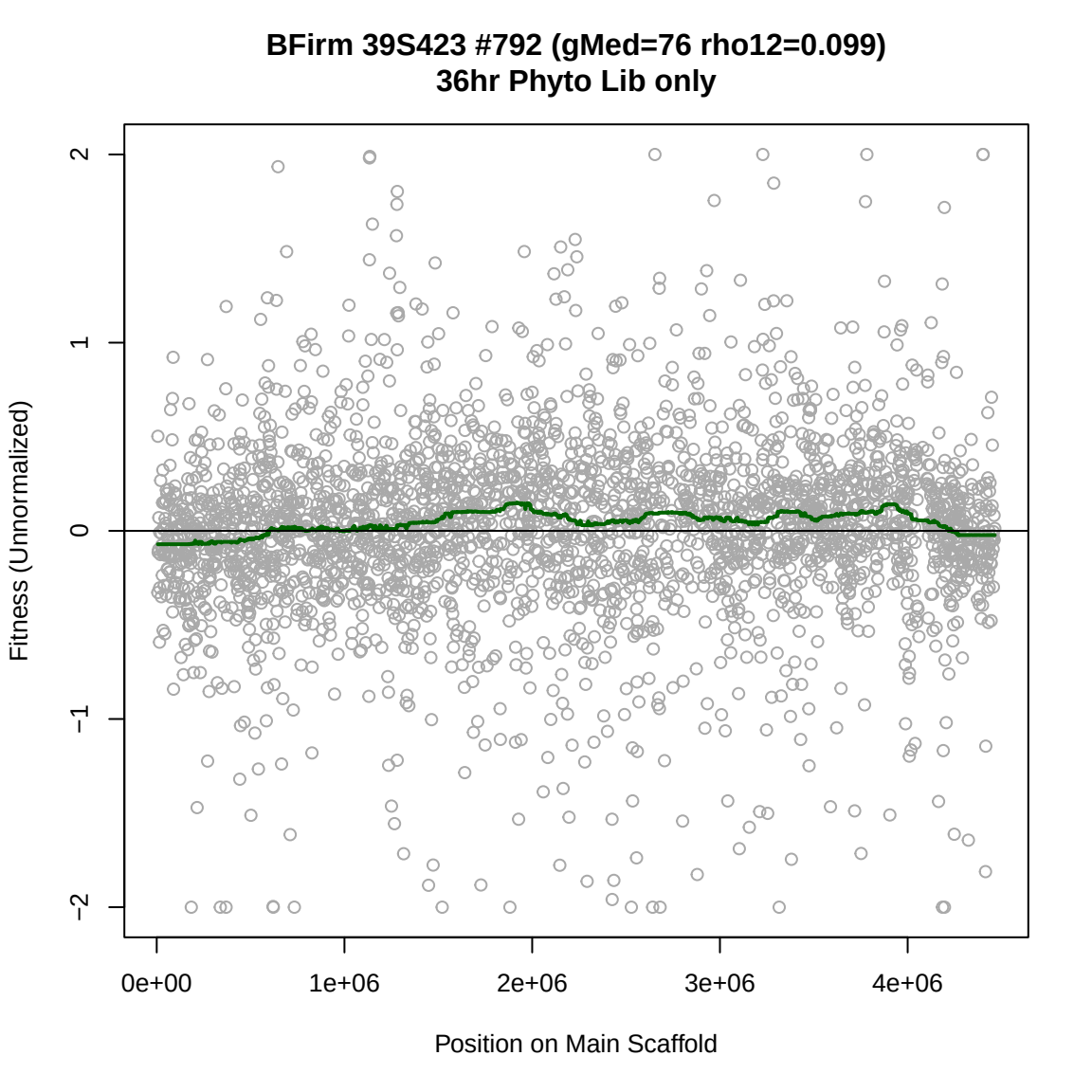

BFirm 39S418 #787 (gMed=77 rho12=0.085)
24hr PHYTO11 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

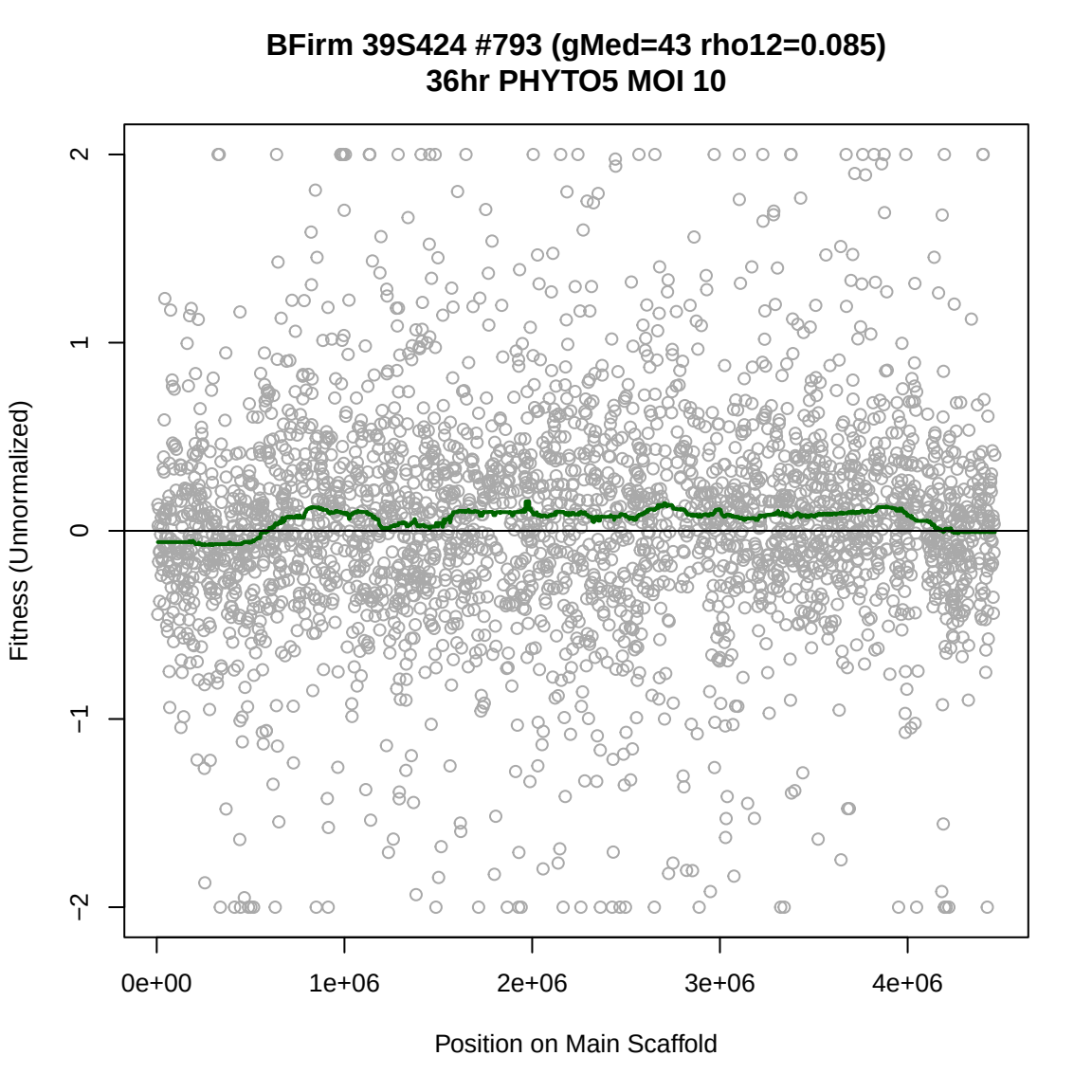

BFirm 39S419 #788 (gMed=70 rho12=0.126)
24hr PHYTO11 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

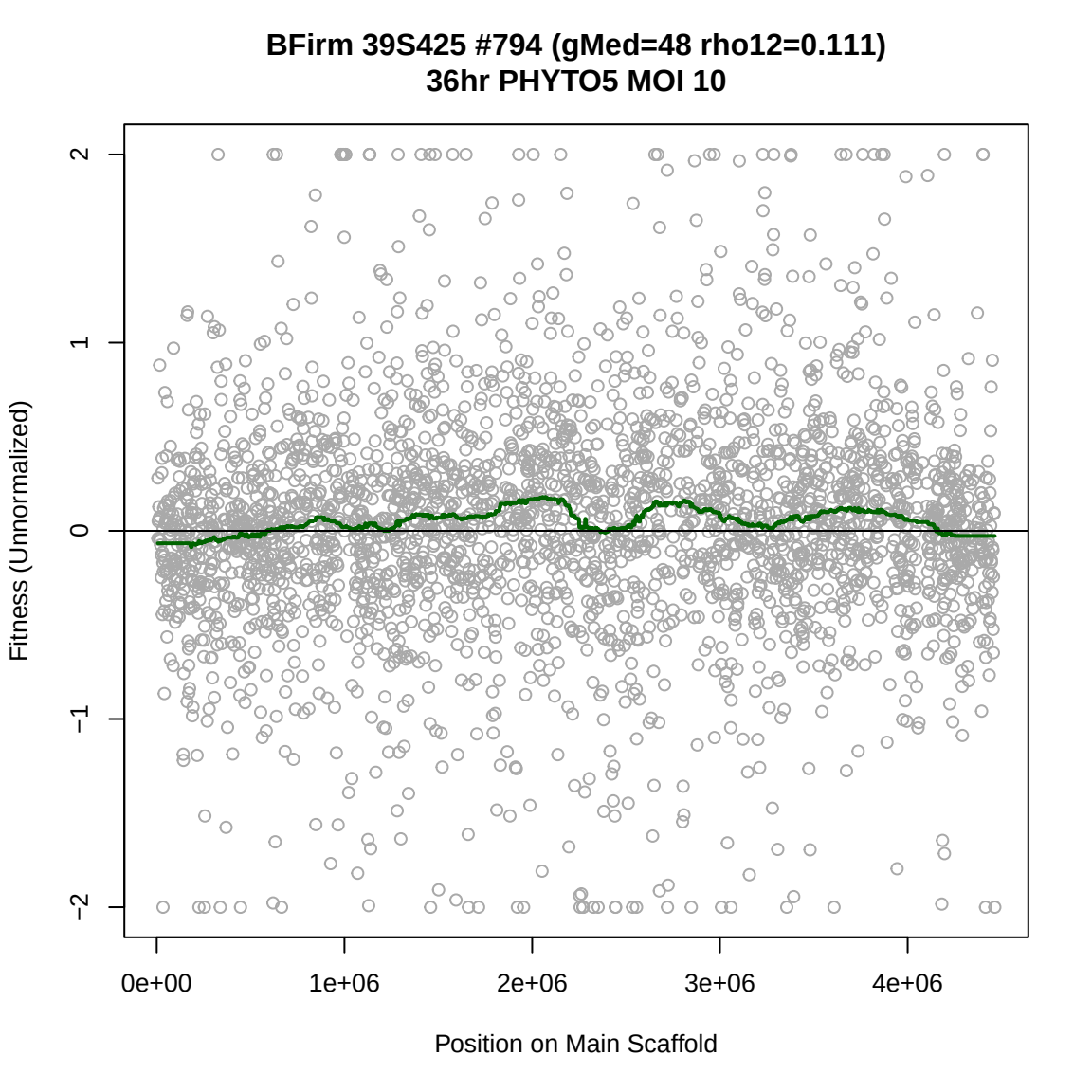

BFirm 39S420 #789 (gMed=75 rho12=0.076)
24hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

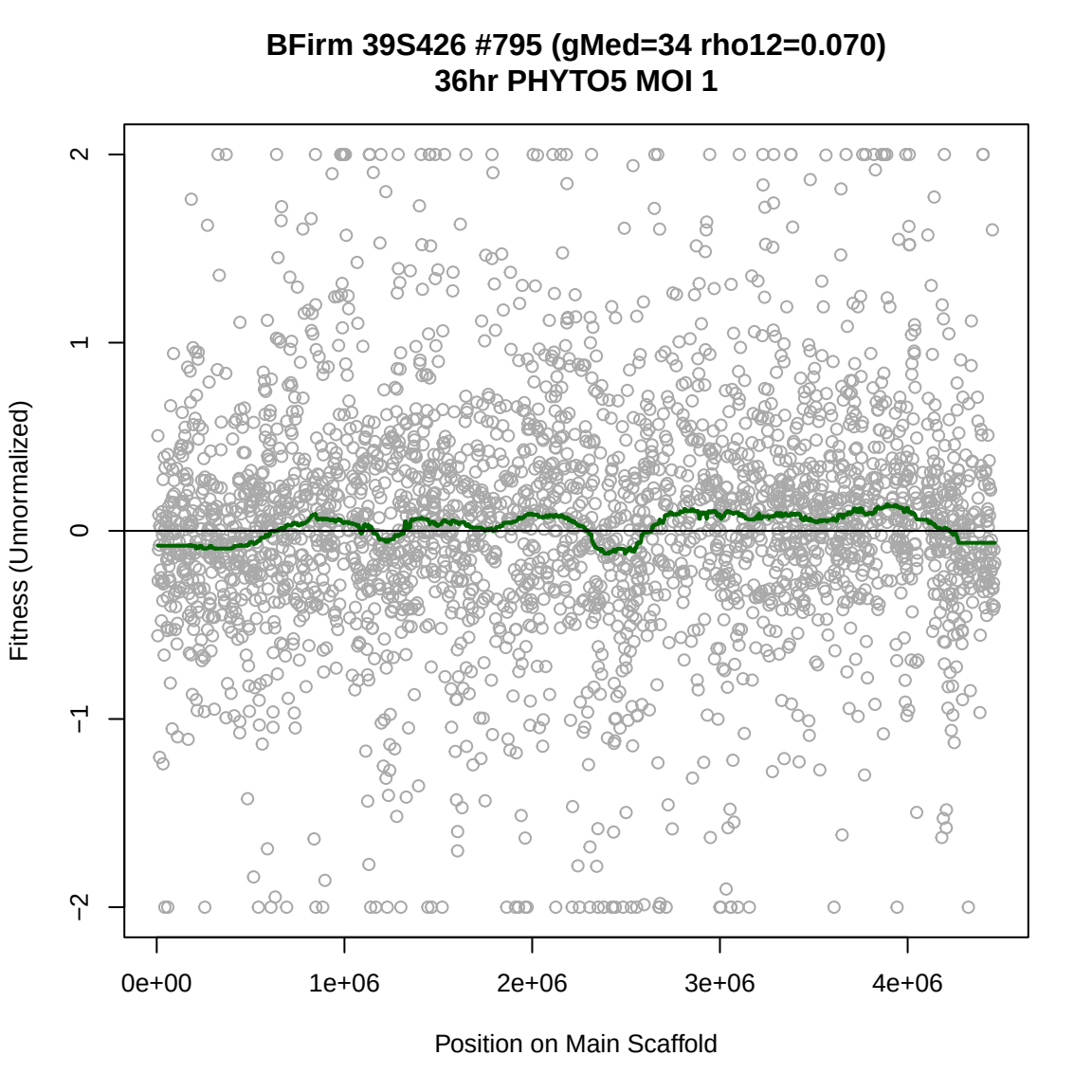

BFirm 39S421 #790 (gMed=86 rho12=0.097)
24hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

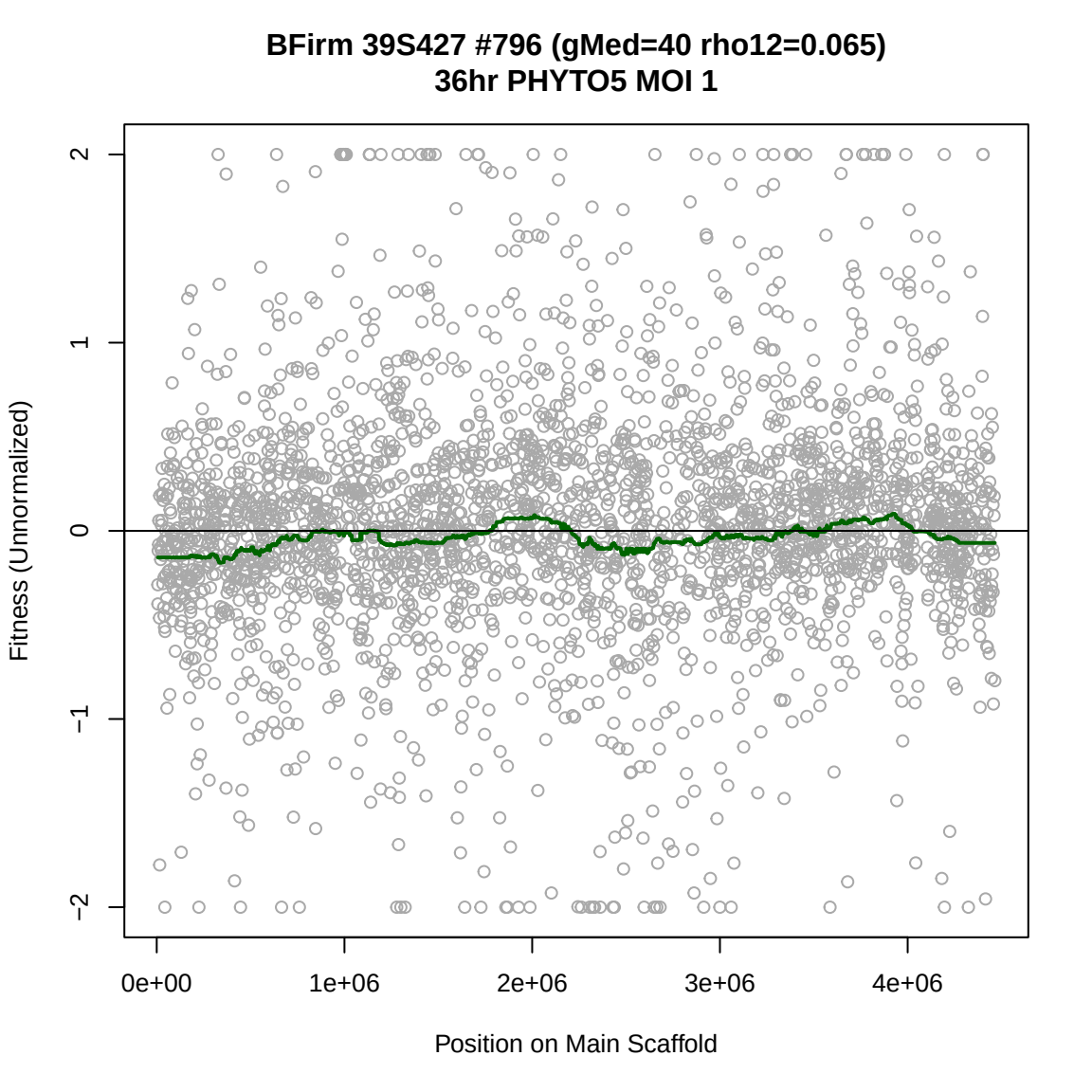

BFirm 39S422 #791 (gMed=89 rho12=0.096)
36hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

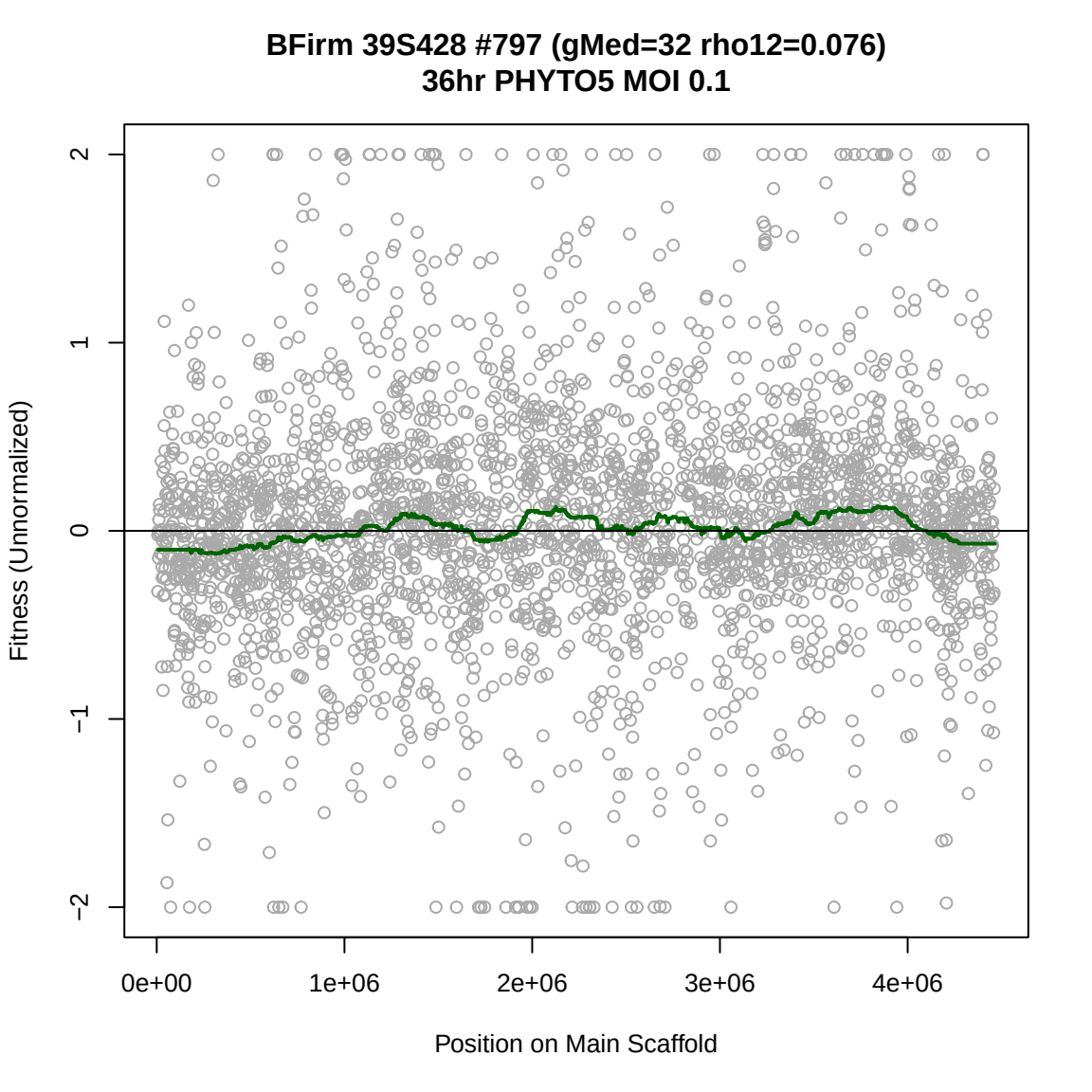

BFirm 39S423 #792 (gMed=76 rho12=0.099)
36hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

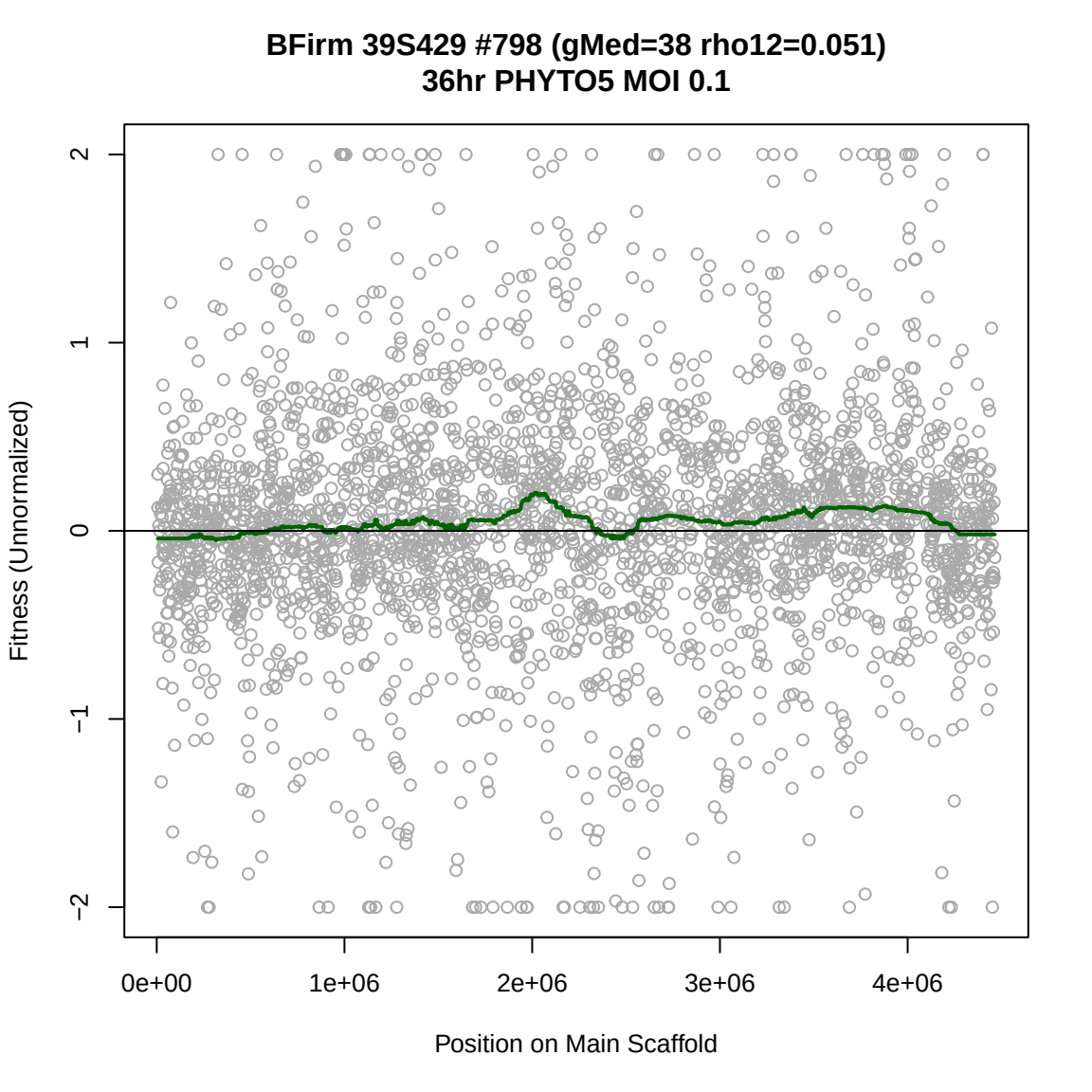

BFirm 39S424 #793 (gMed=43 rho12=0.085)
36hr PHYTO5 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

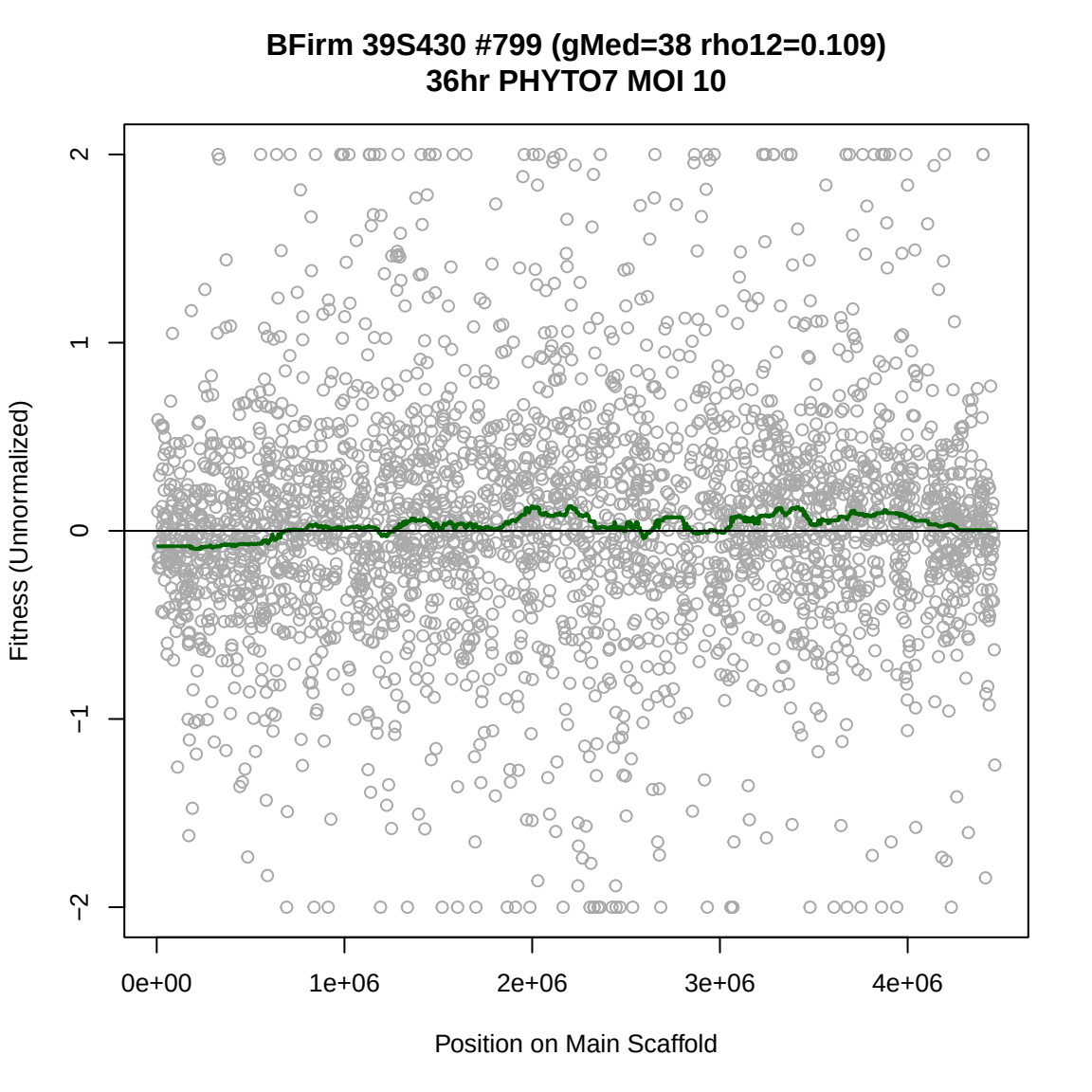

BFirm 39S425 #794 (gMed=48 rho12=0.111)
36hr PHYTO5 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

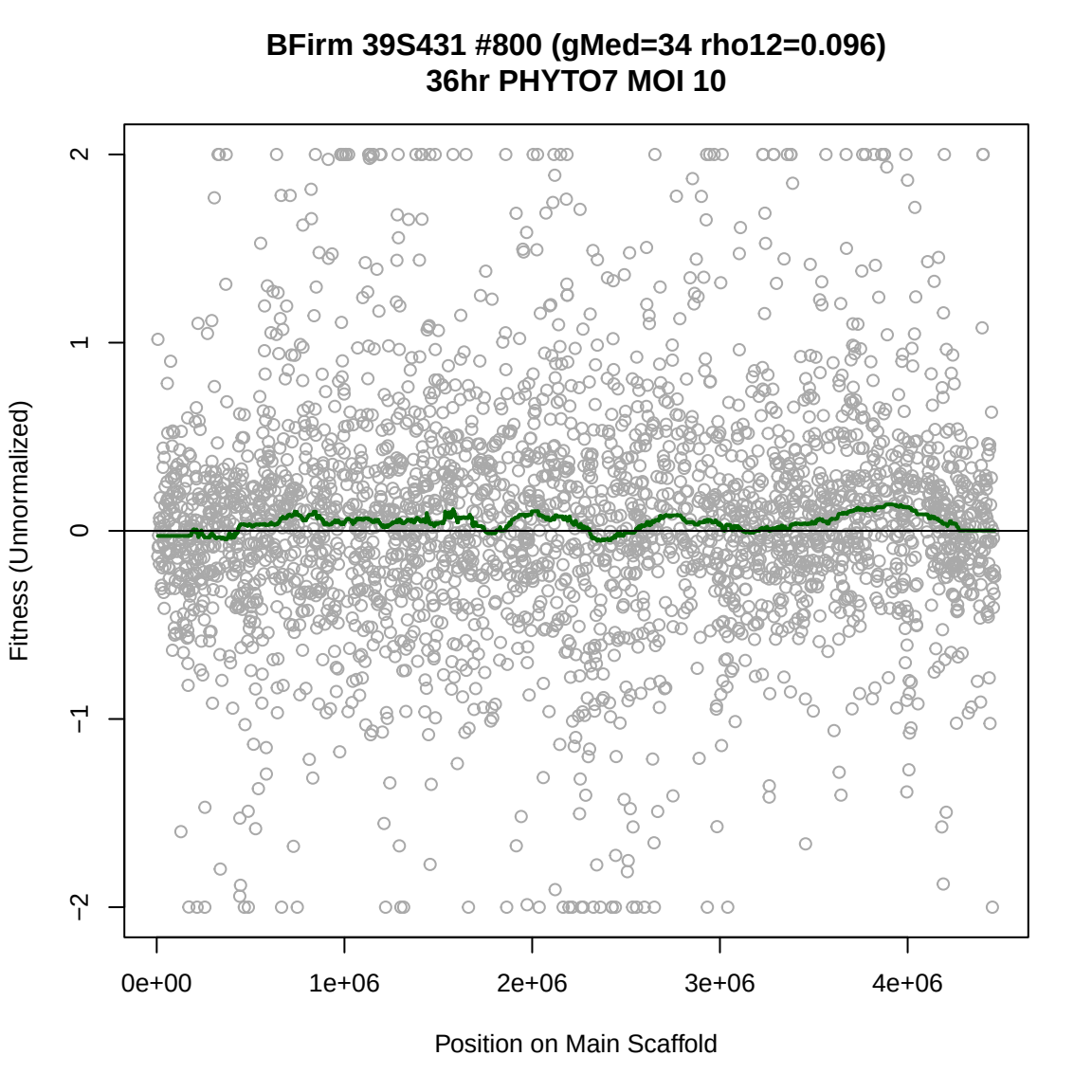

BFirm 39S426 #795 (gMed=34 rho12=0.070)
36hr PHYTO5 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

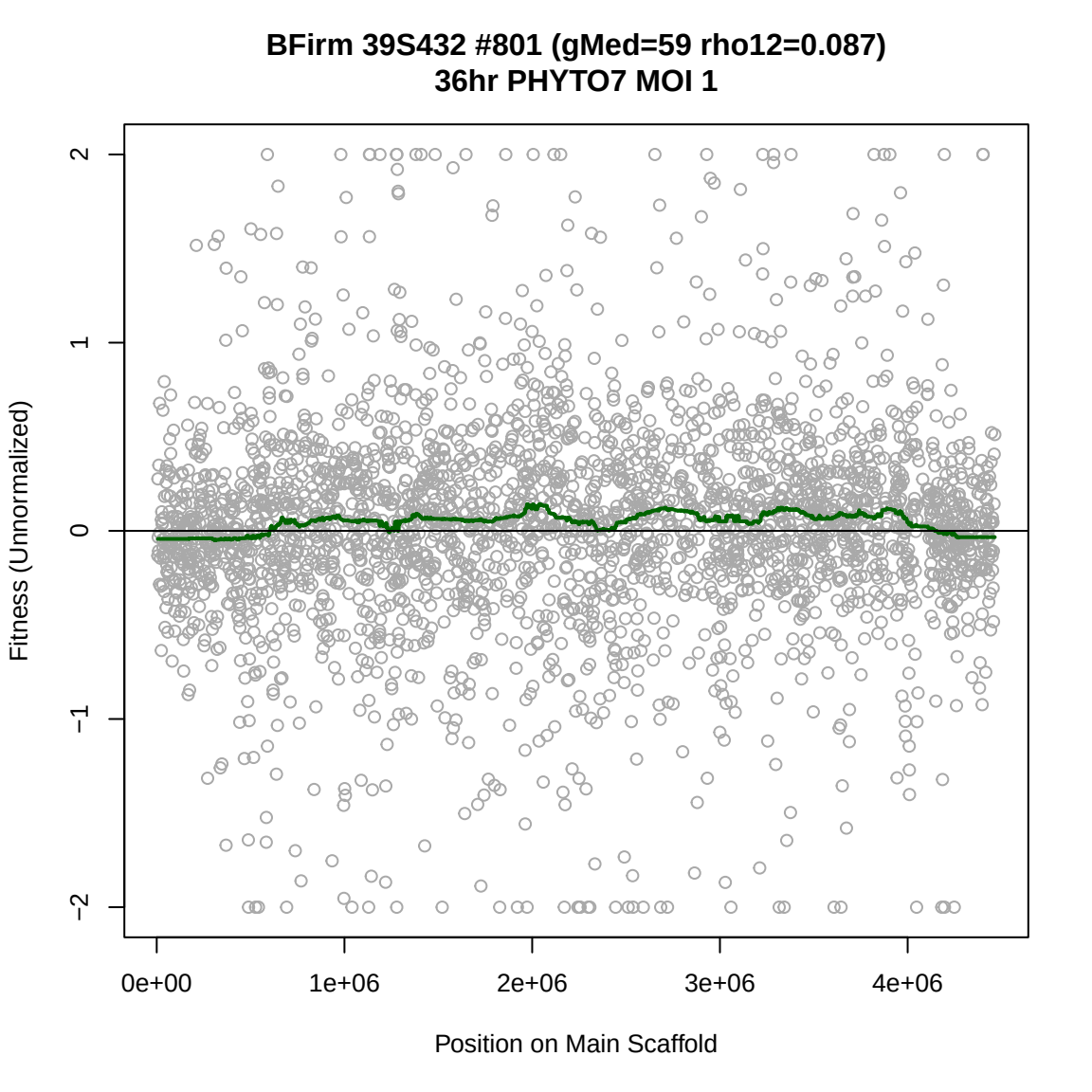

BFirm 39S427 #796 (gMed=40 rho12=0.065)
36hr PHYTO5 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

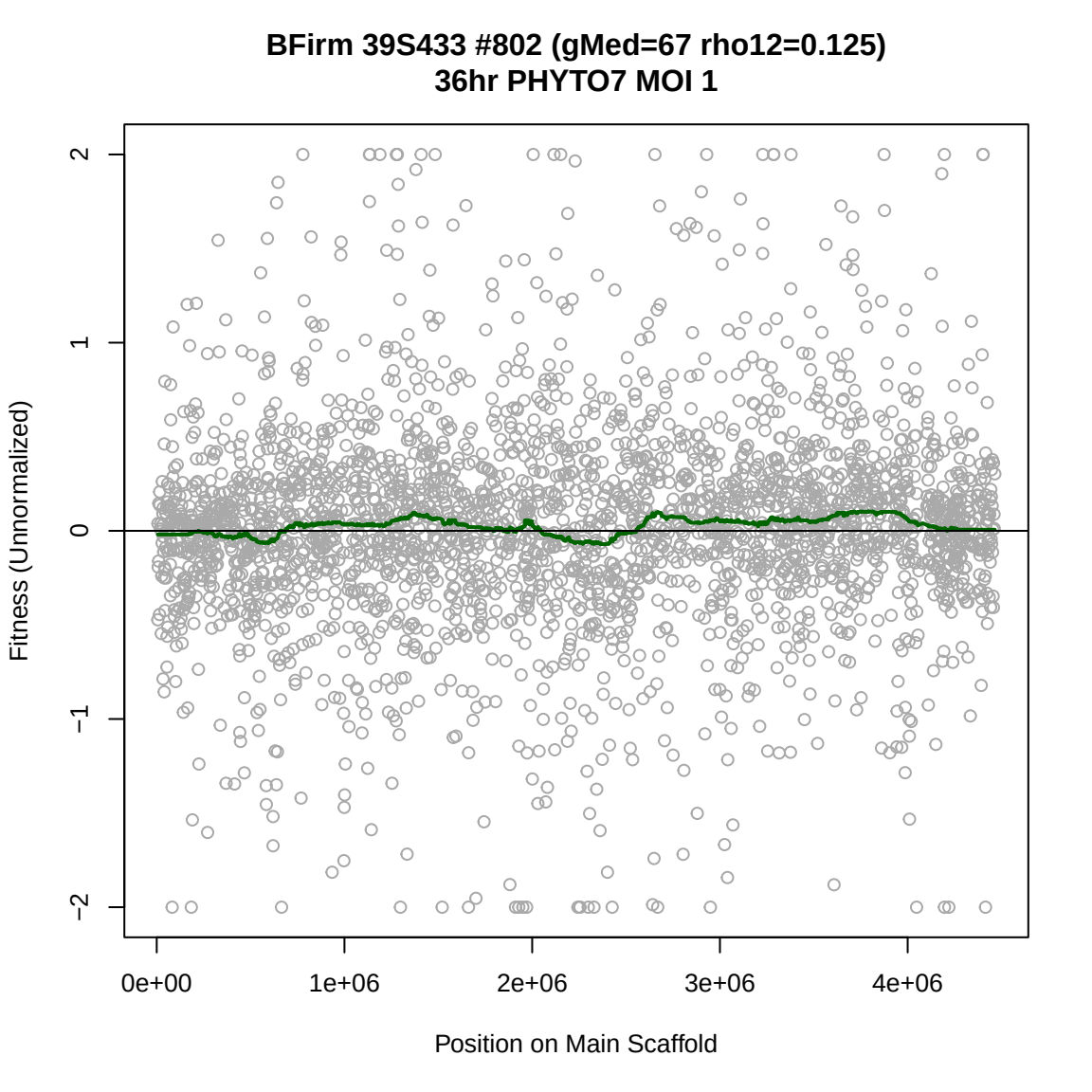

BFirm 39S428 #797 (gMed=32 rho12=0.076)
36hr PHYTO5 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

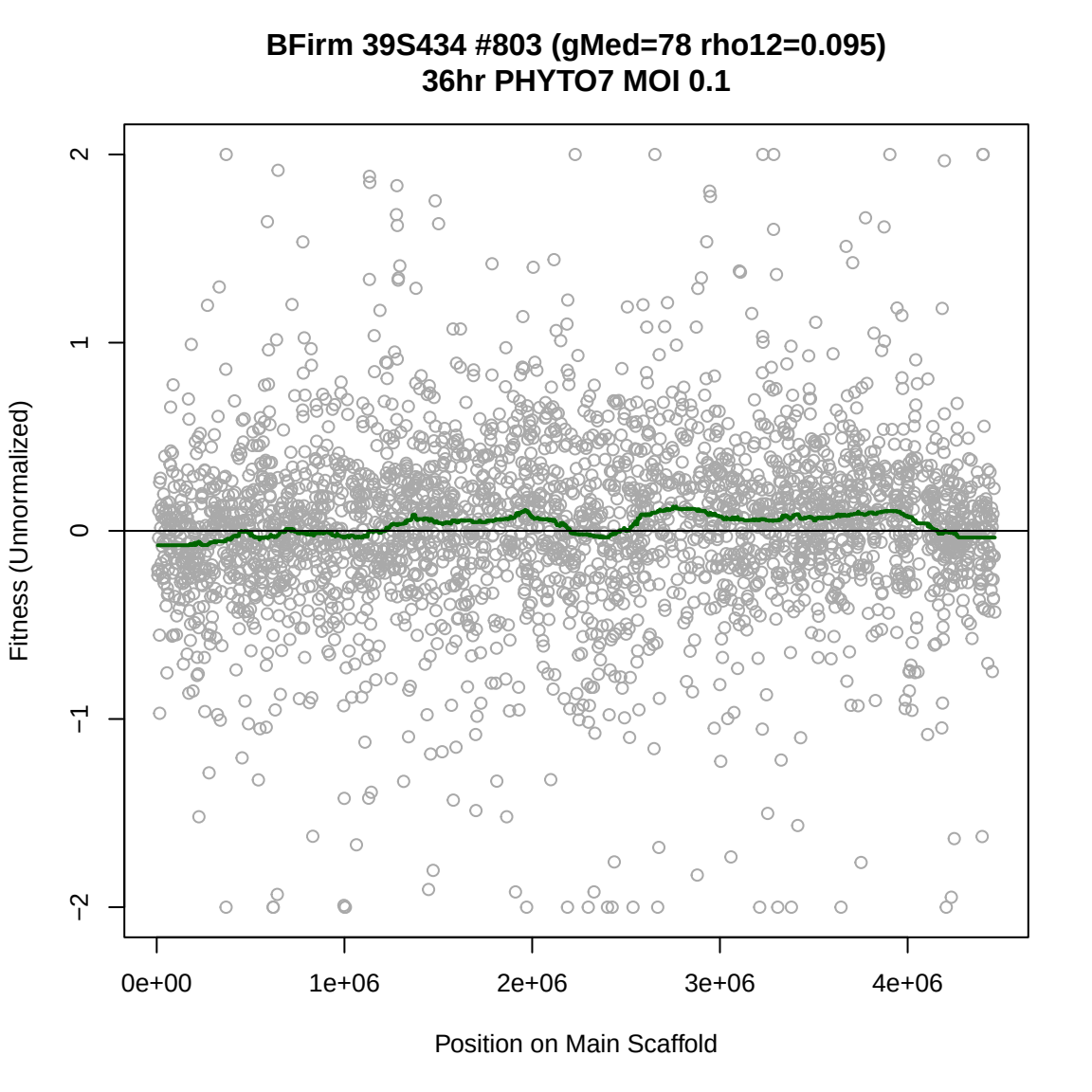

BFirm 39S429 #798 (gMed=38 rho12=0.051)
36hr PHYTO5 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

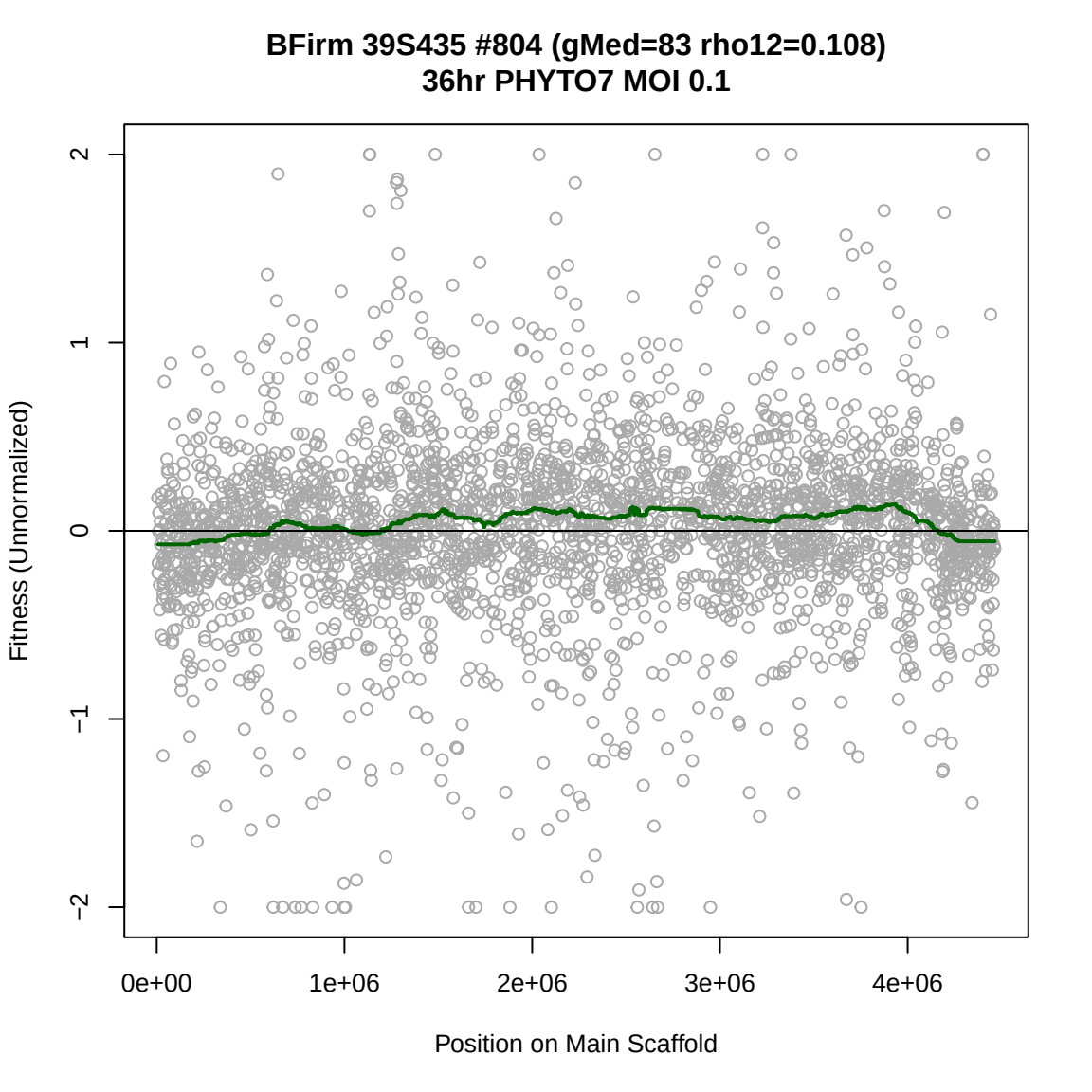

BFirm 39S430 #799 (gMed=38 rho12=0.109)
36hr PHYTO7 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

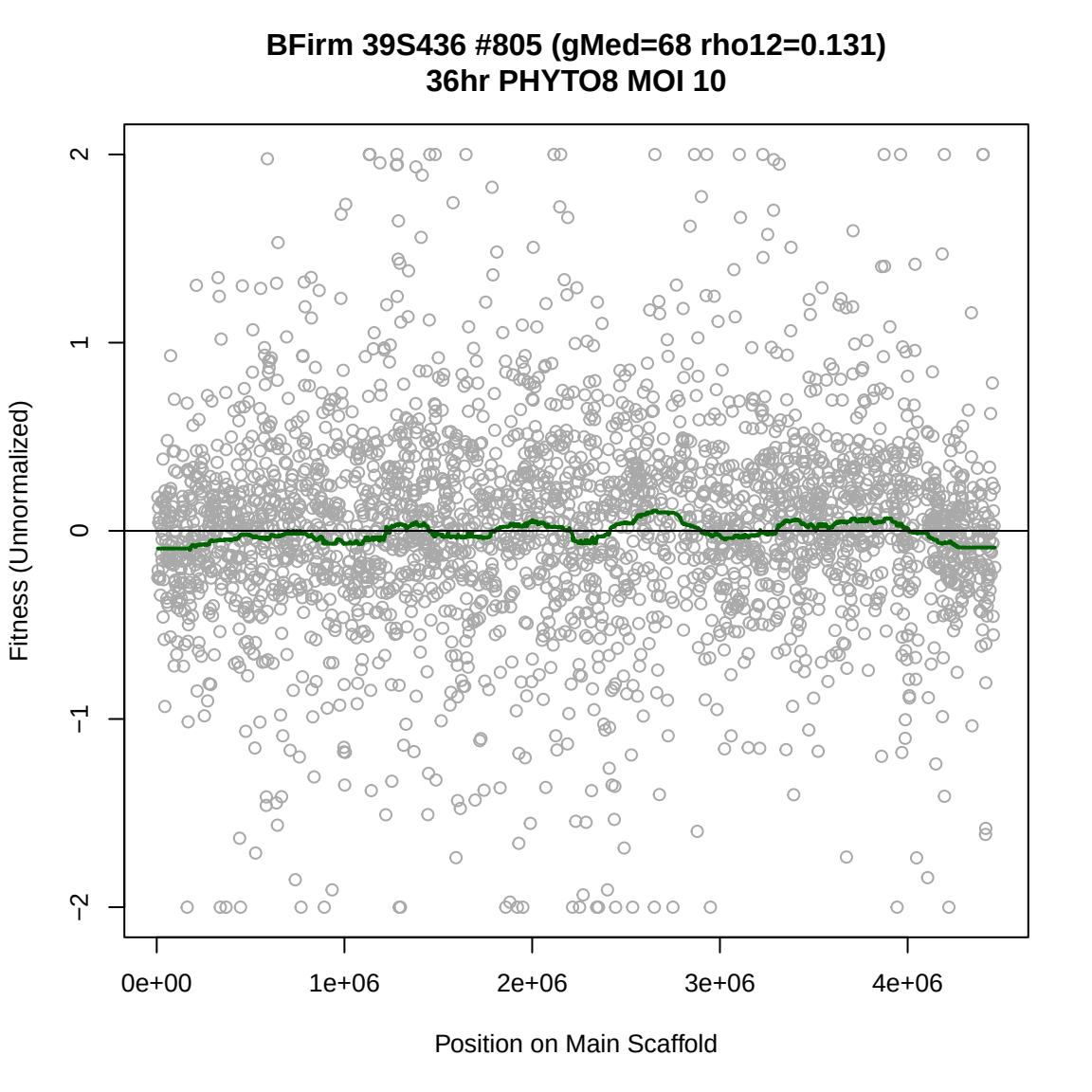

BFirm 39S431 #800 (gMed=34 rho12=0.096)
36hr PHYTO7 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

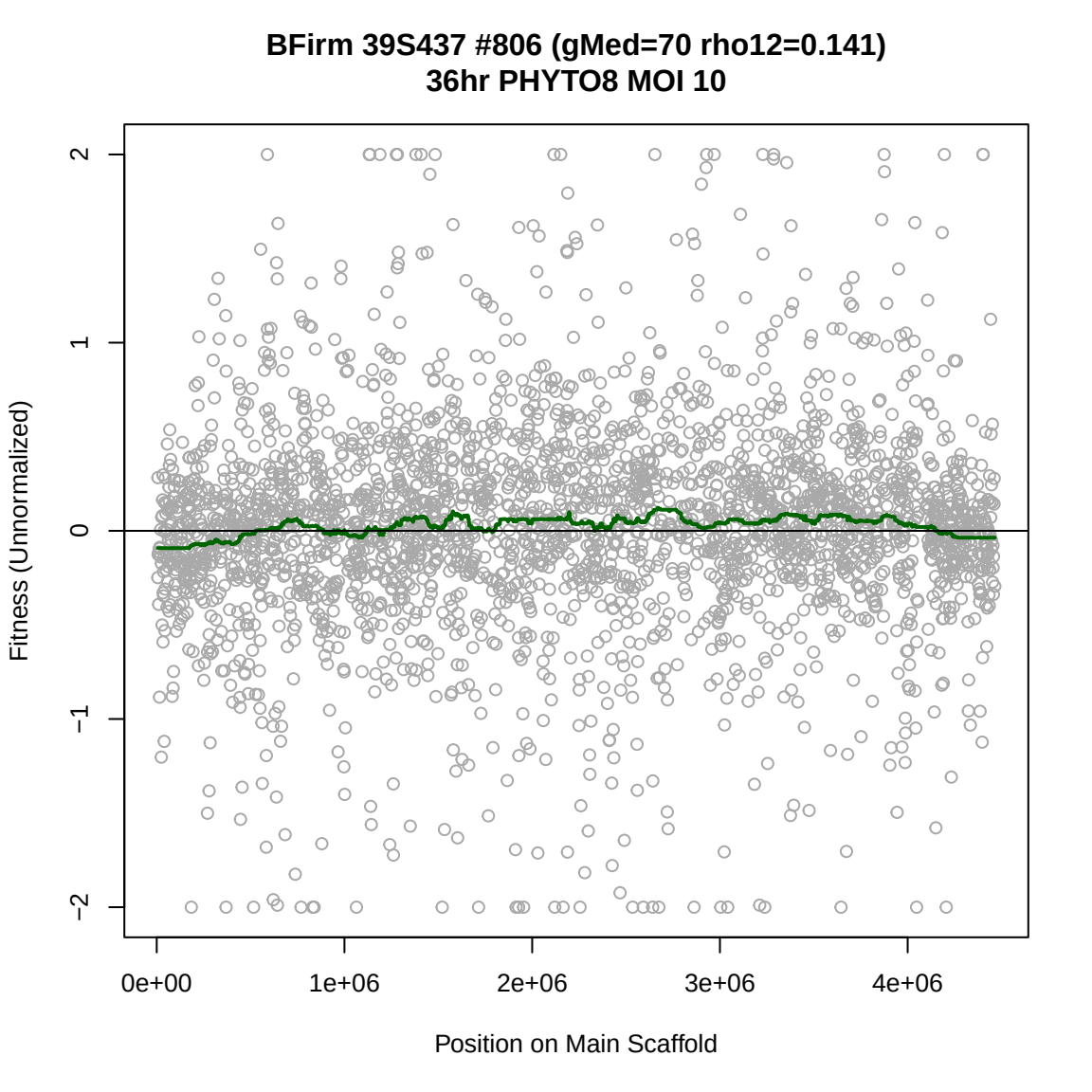

BFirm 39S432 #801 (gMed=59 rho12=0.087)
36hr PHYTO7 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

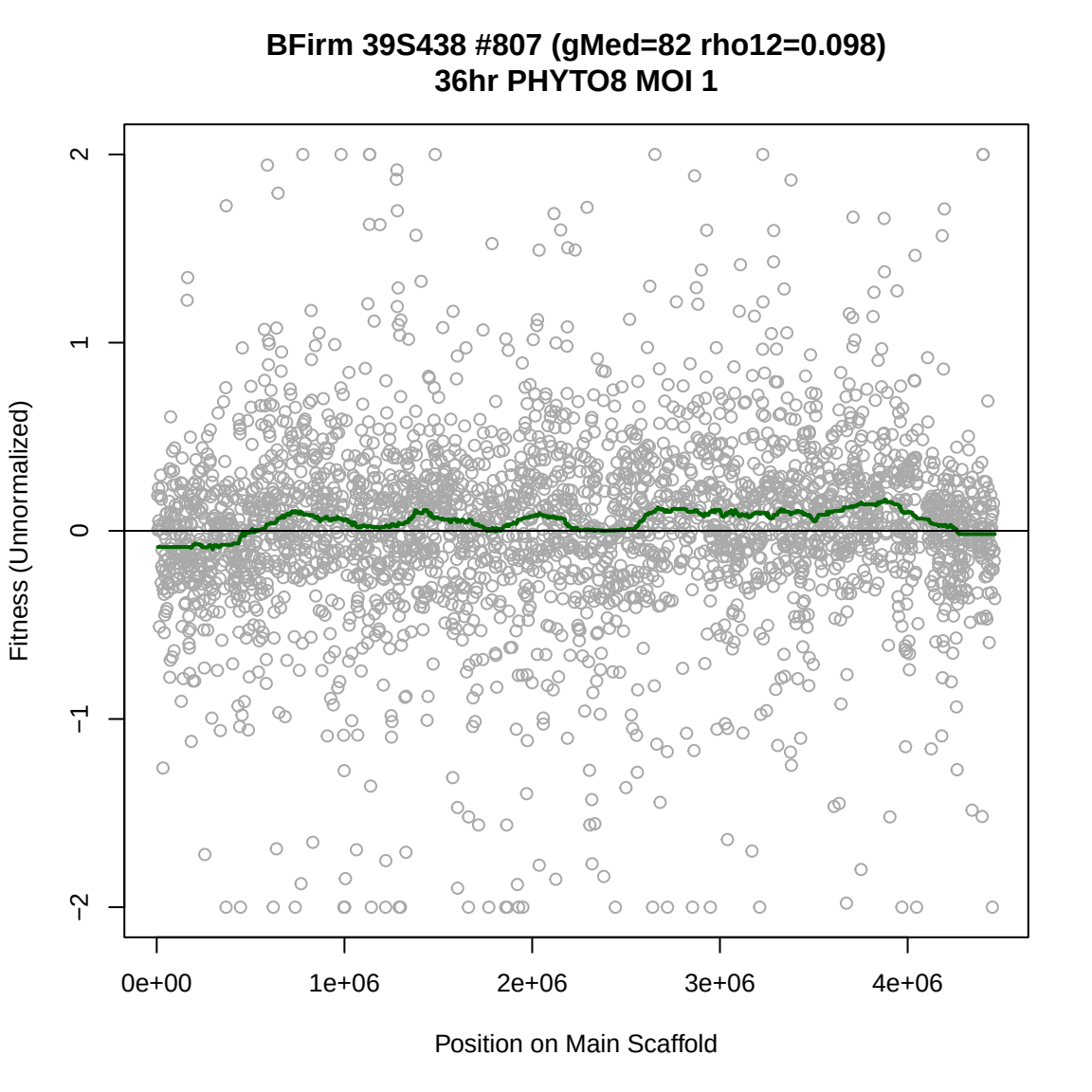

BFirm 39S433 #802 (gMed=67 rho12=0.125)
36hr PHYTO7 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

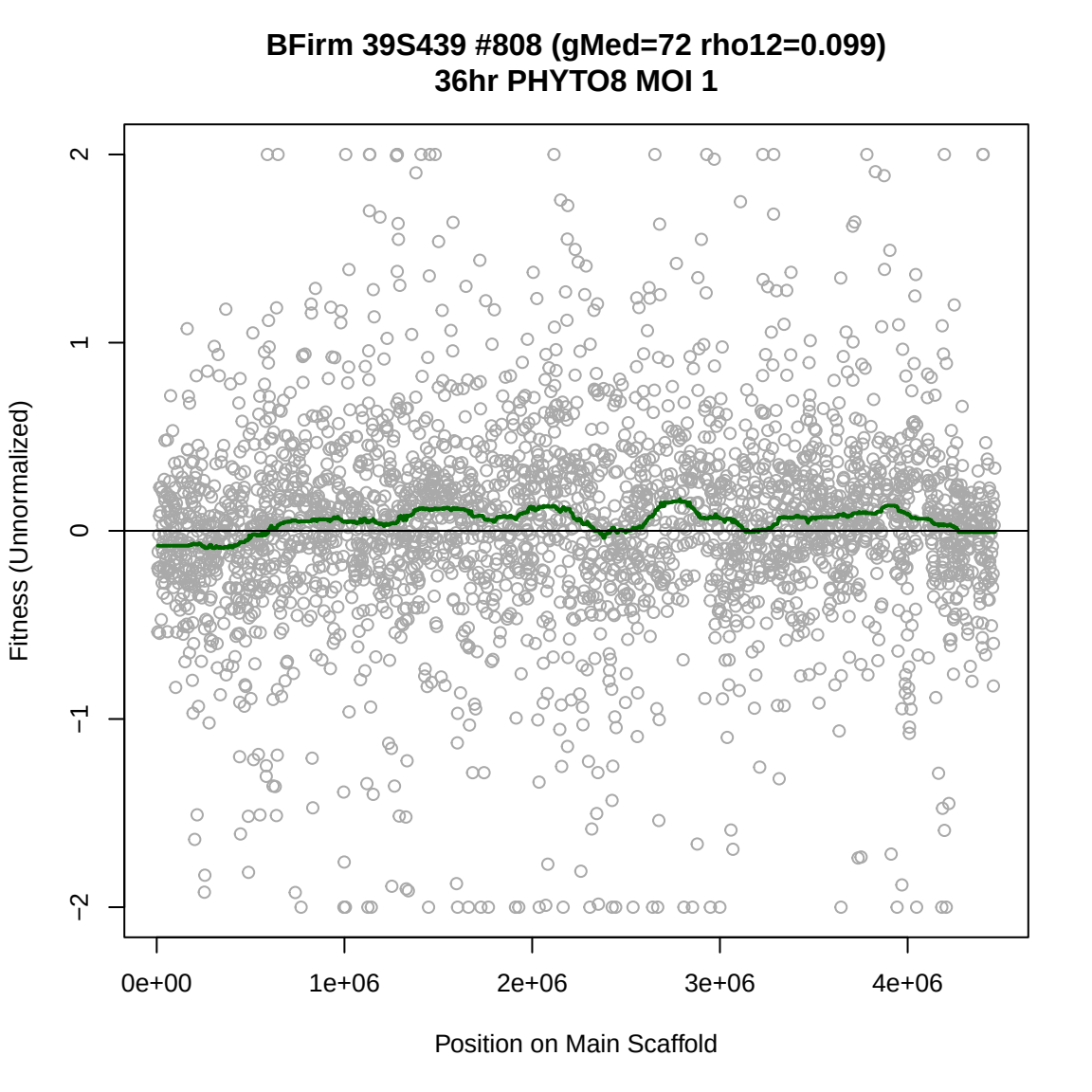

BFirm 39S434 #803 (gMed=78 rho12=0.095)
36hr PHYTO7 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

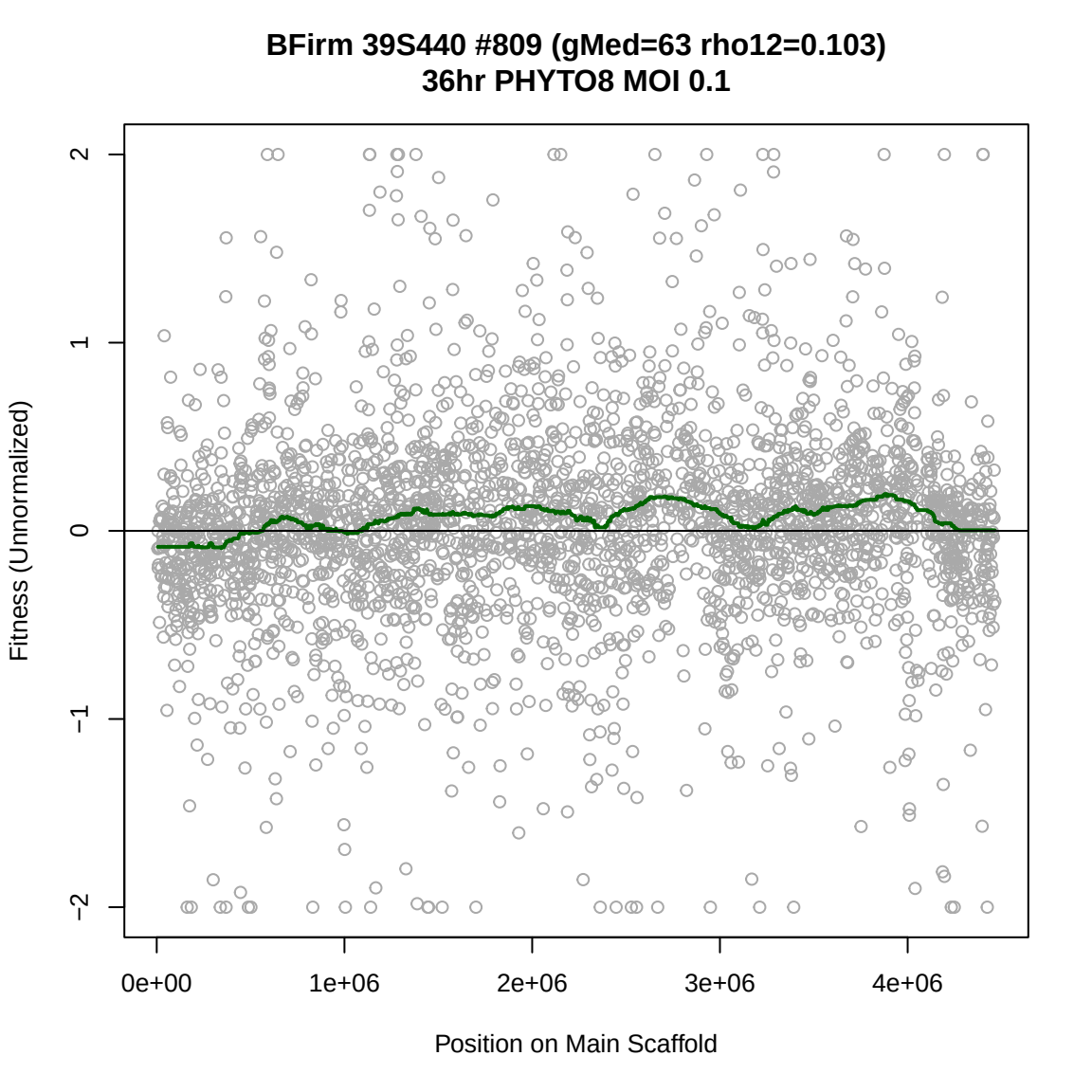

BFirm 39S435 #804 (gMed=83 rho12=0.108)
36hr PHYTO7 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

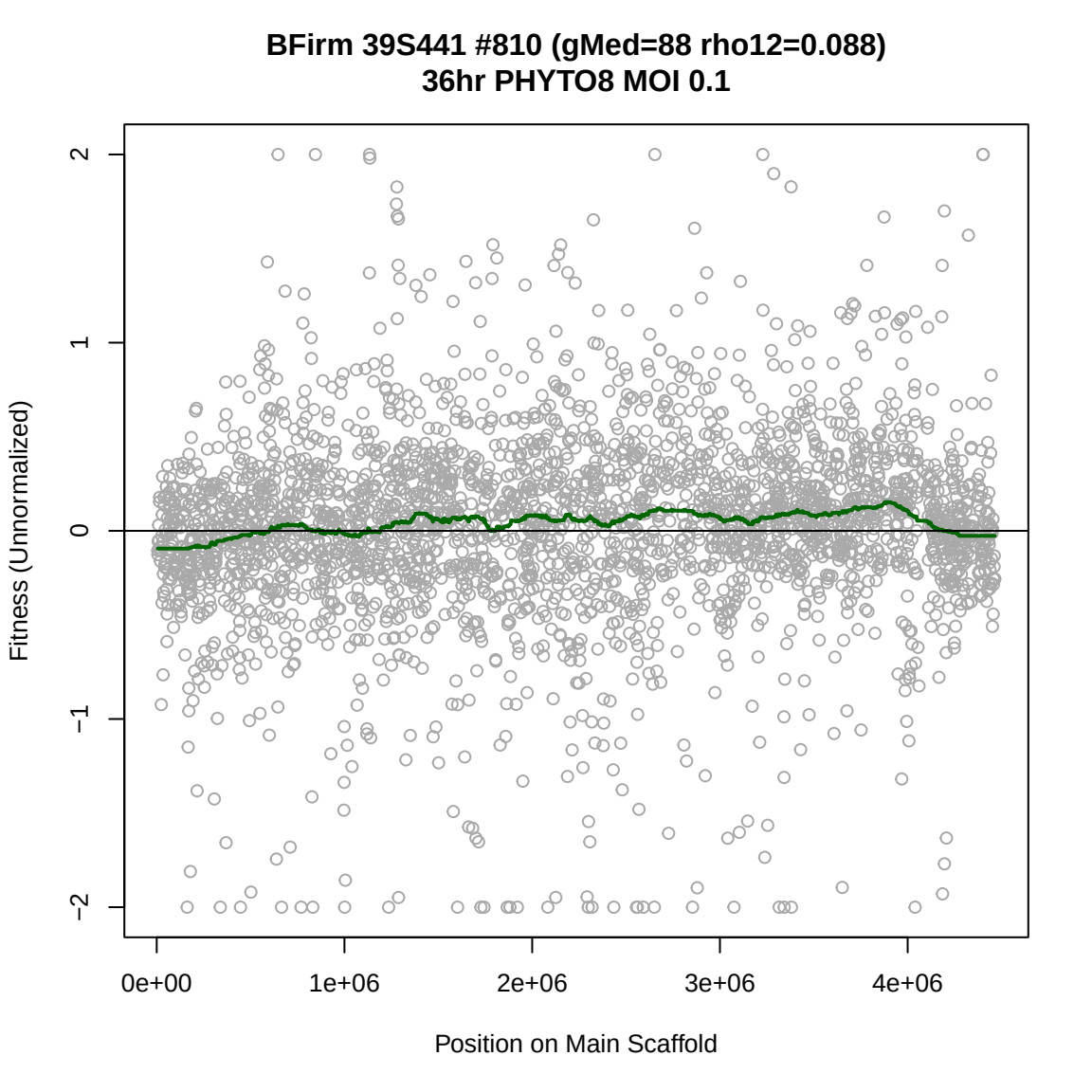

BFirm 39S436 #805 (gMed=68 rho12=0.131)
36hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

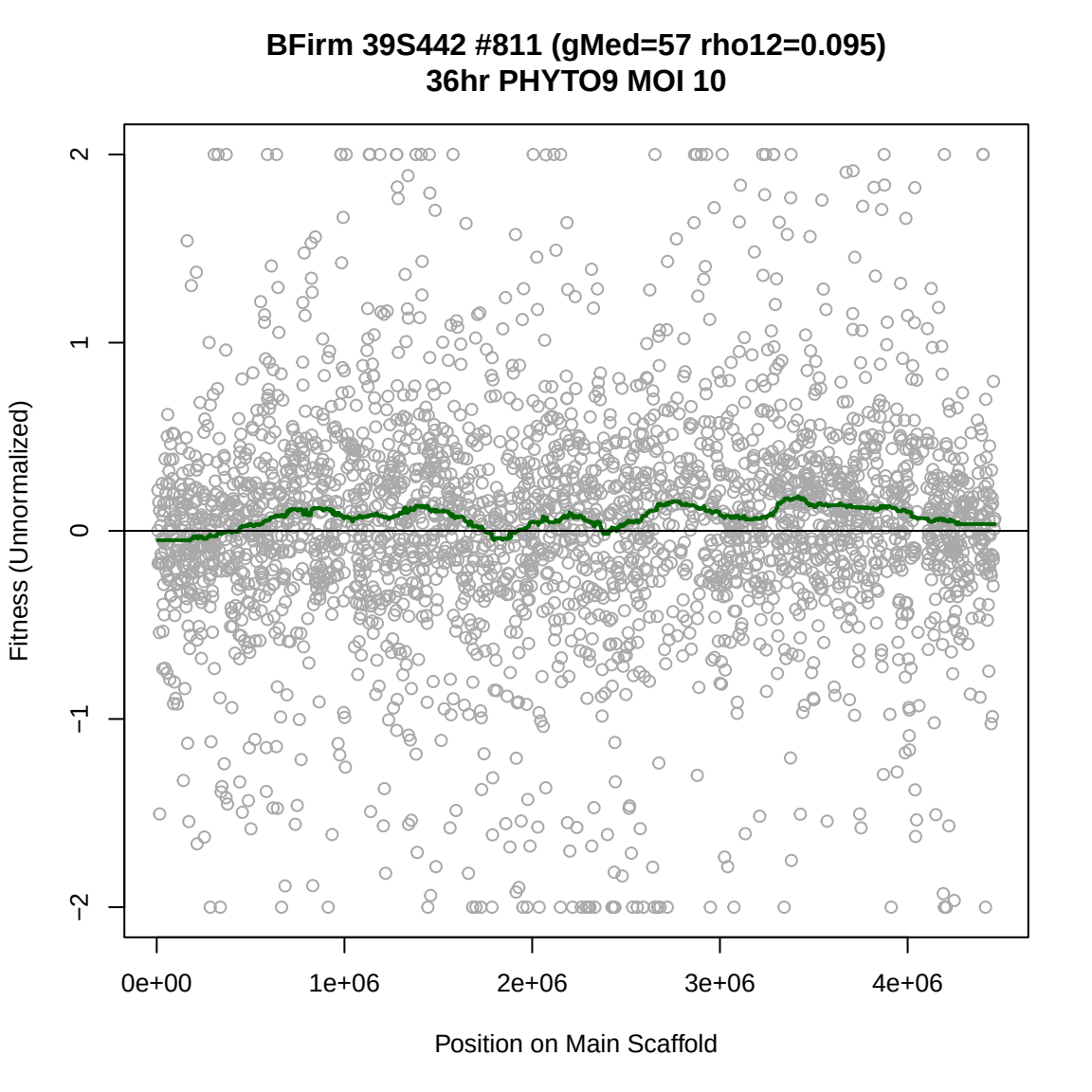

BFirm 39S437 #806 (gMed=70 rho12=0.141)
36hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

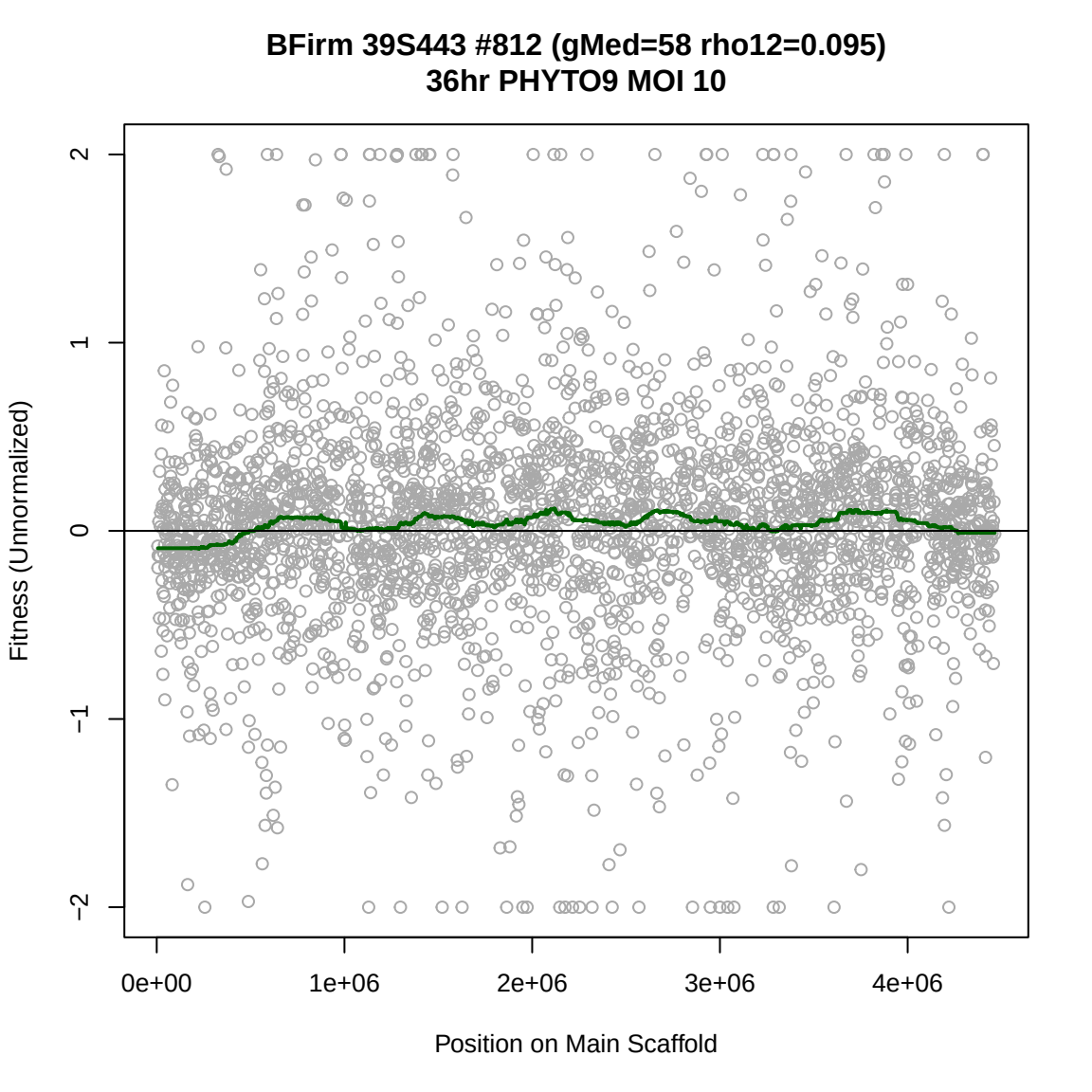

BFirm 39S438 #807 (gMed=82 rho12=0.098)
36hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

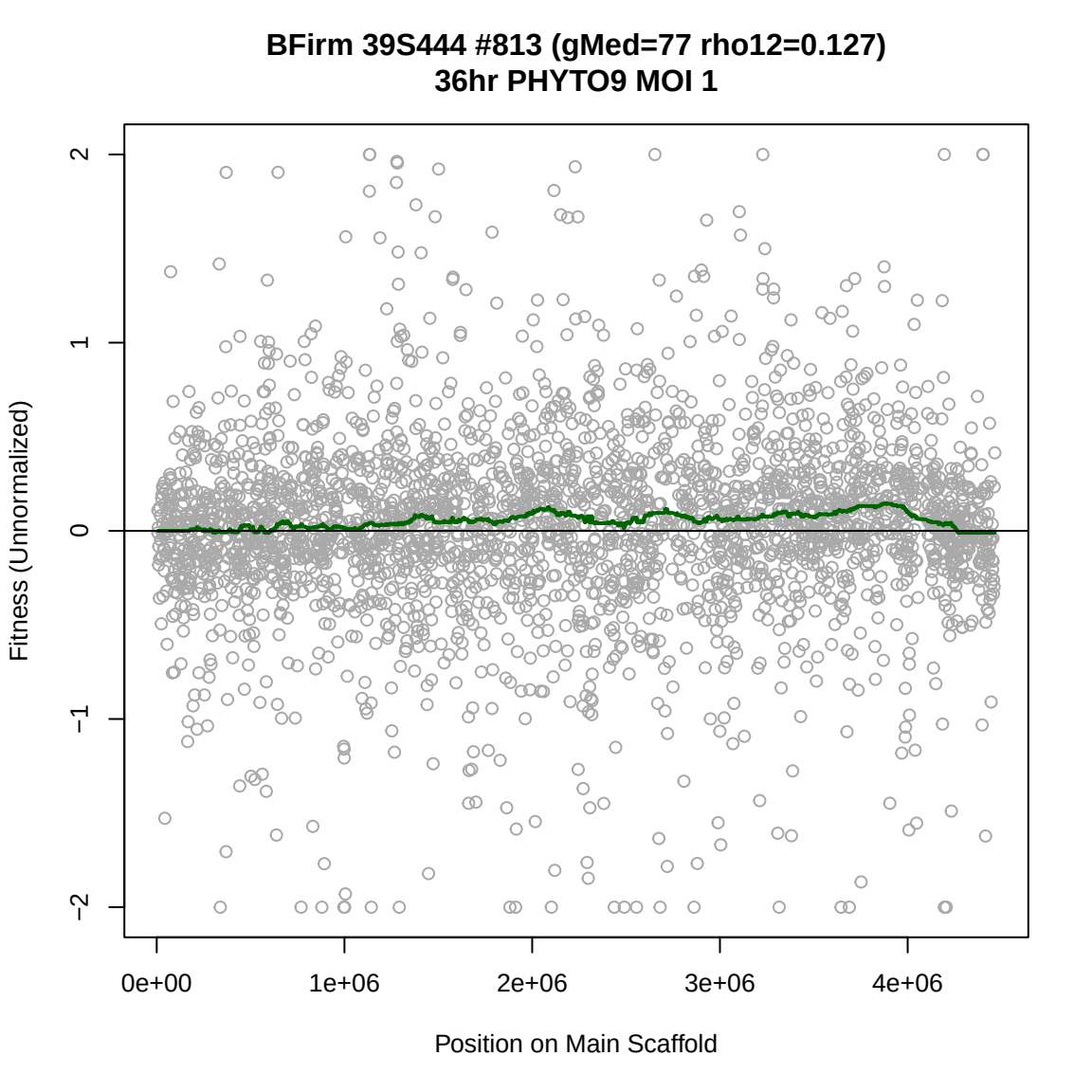

BFirm 39S439 #808 (gMed=72 rho12=0.099)
36hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

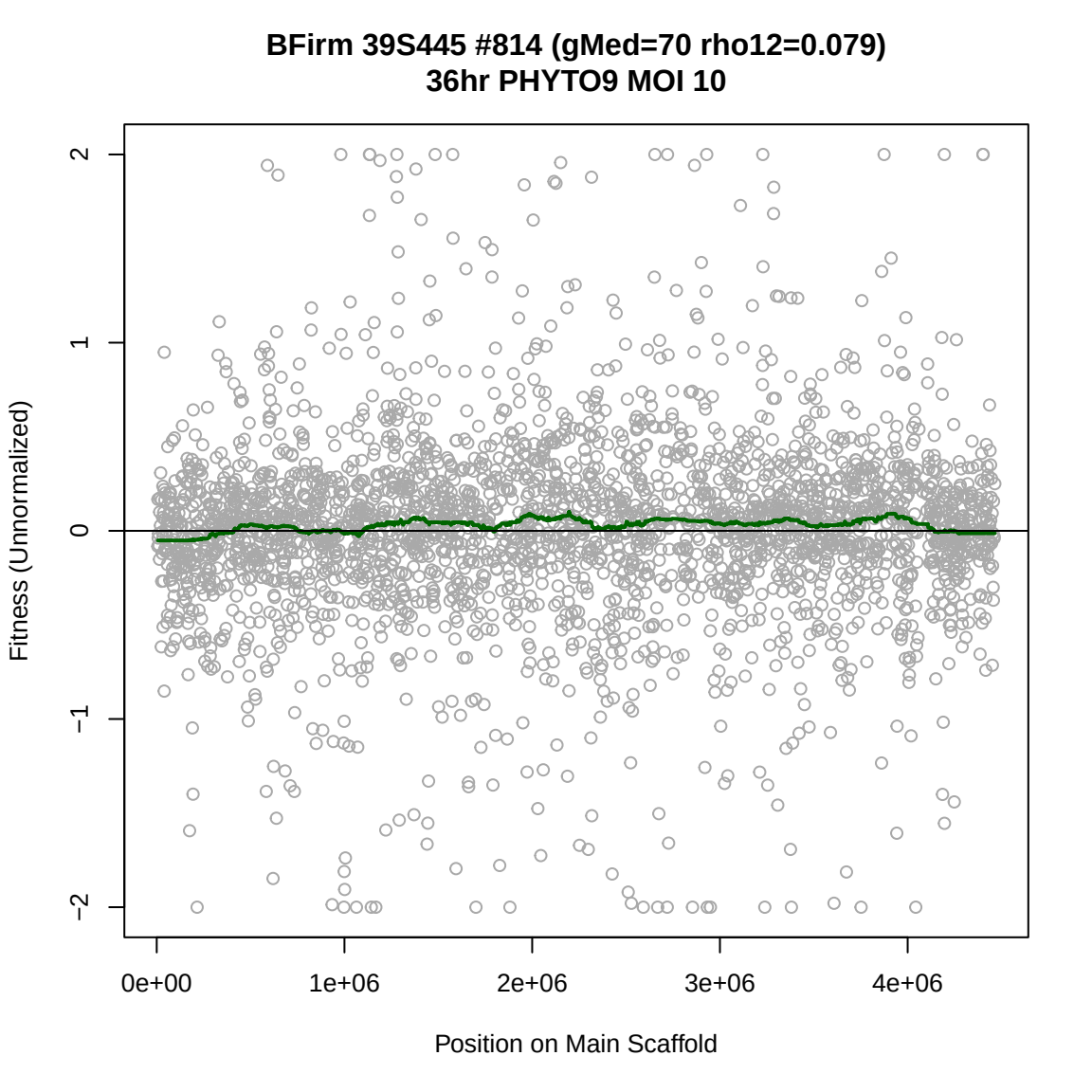

BFirm 39S440 #809 (gMed=63 rho12=0.103)
36hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

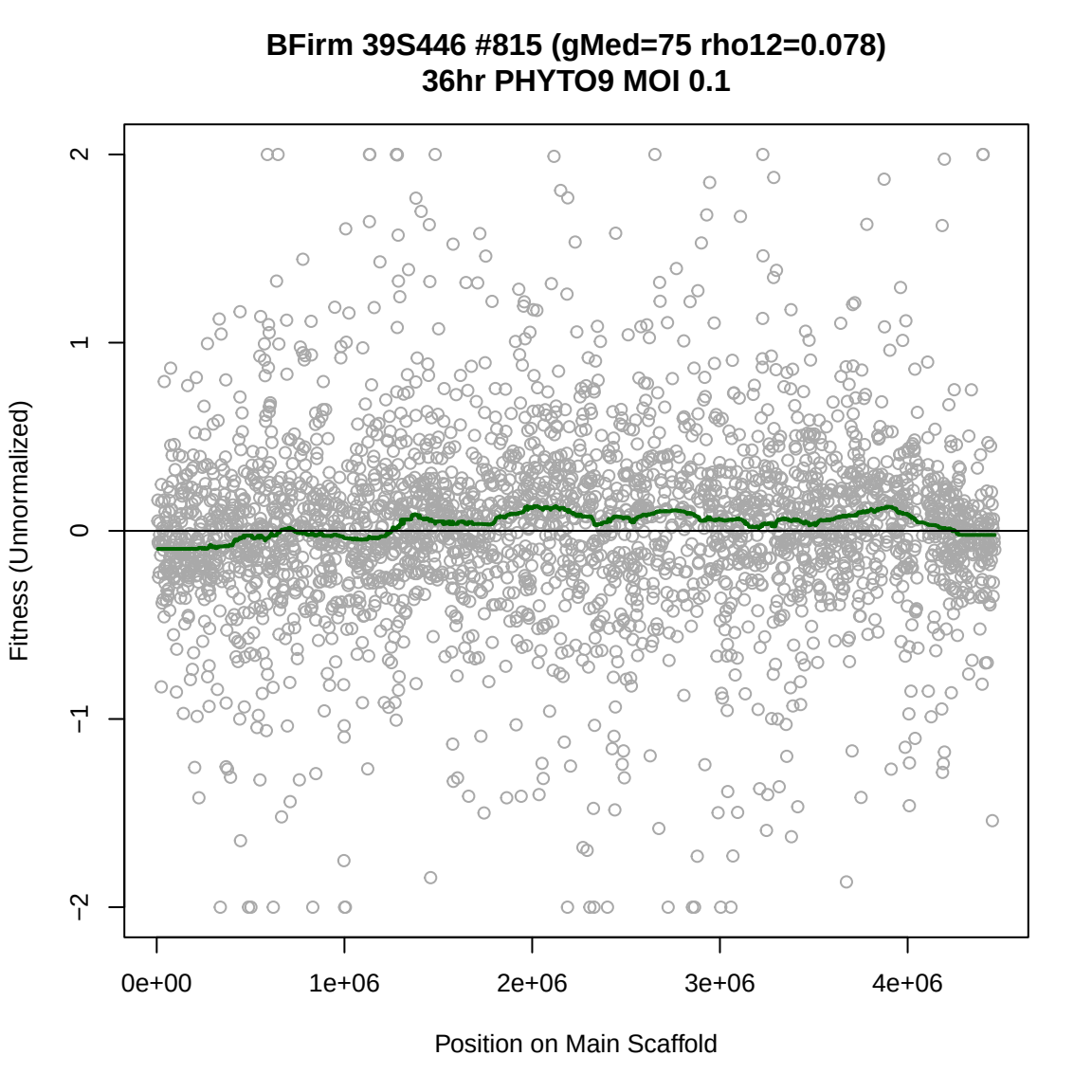

BFirm 39S441 #810 (gMed=88 rho12=0.088)
36hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

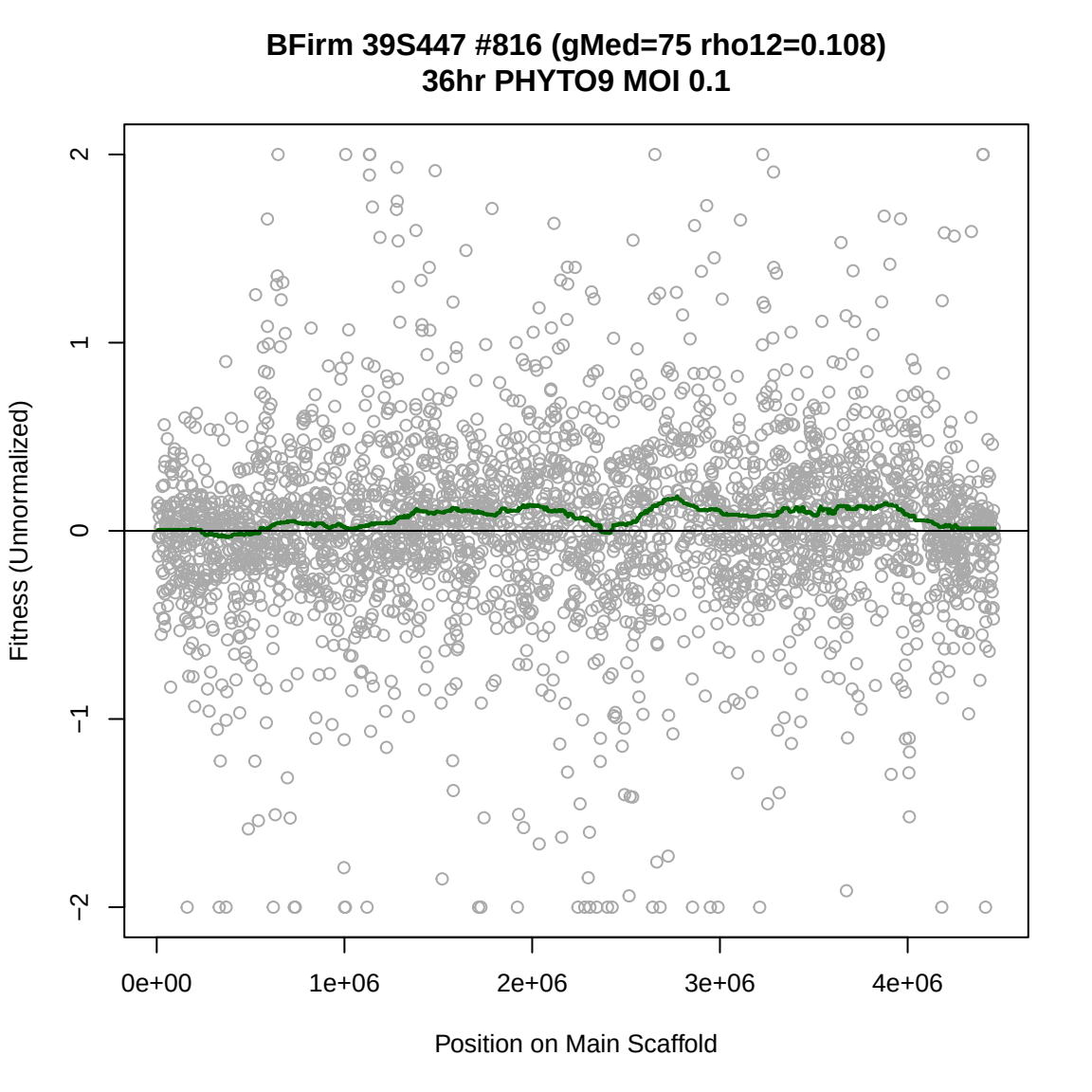

BFirm 39S442 #811 (gMed=57 rho12=0.095)
36hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

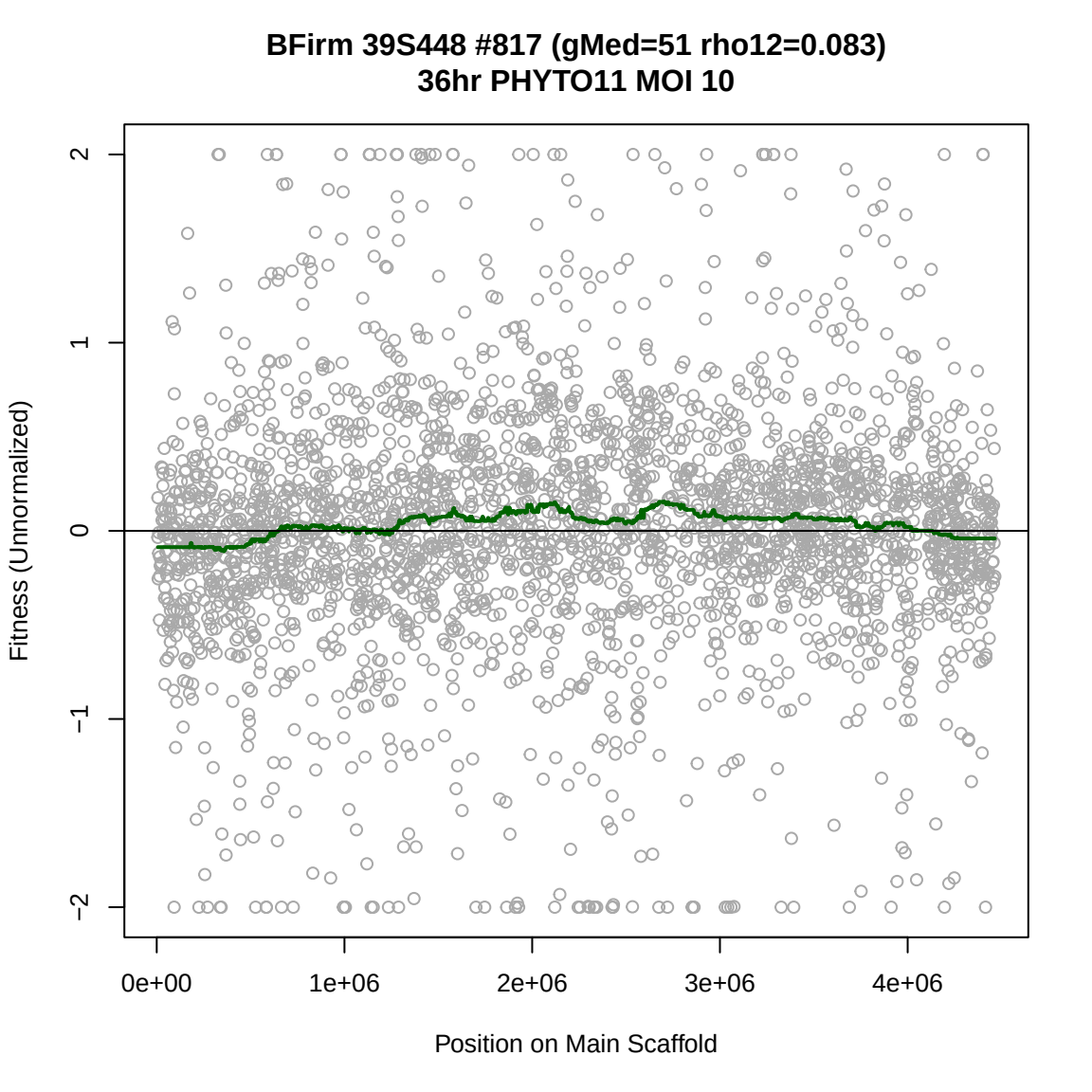

BFirm 39S443 #812 (gMed=58 rho12=0.095)
36hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

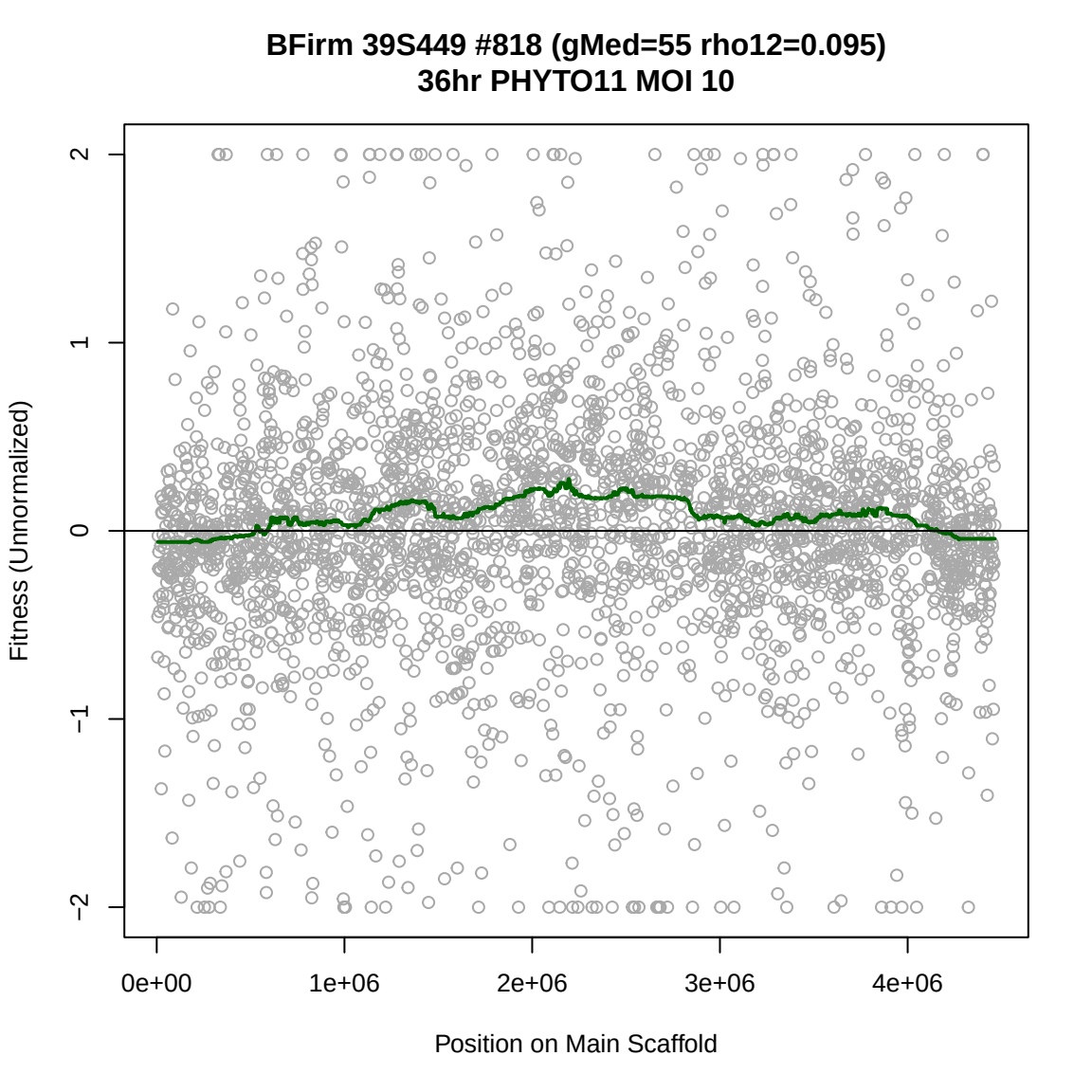

BFirm 39S444 #813 (gMed=77 rho12=0.127)
36hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

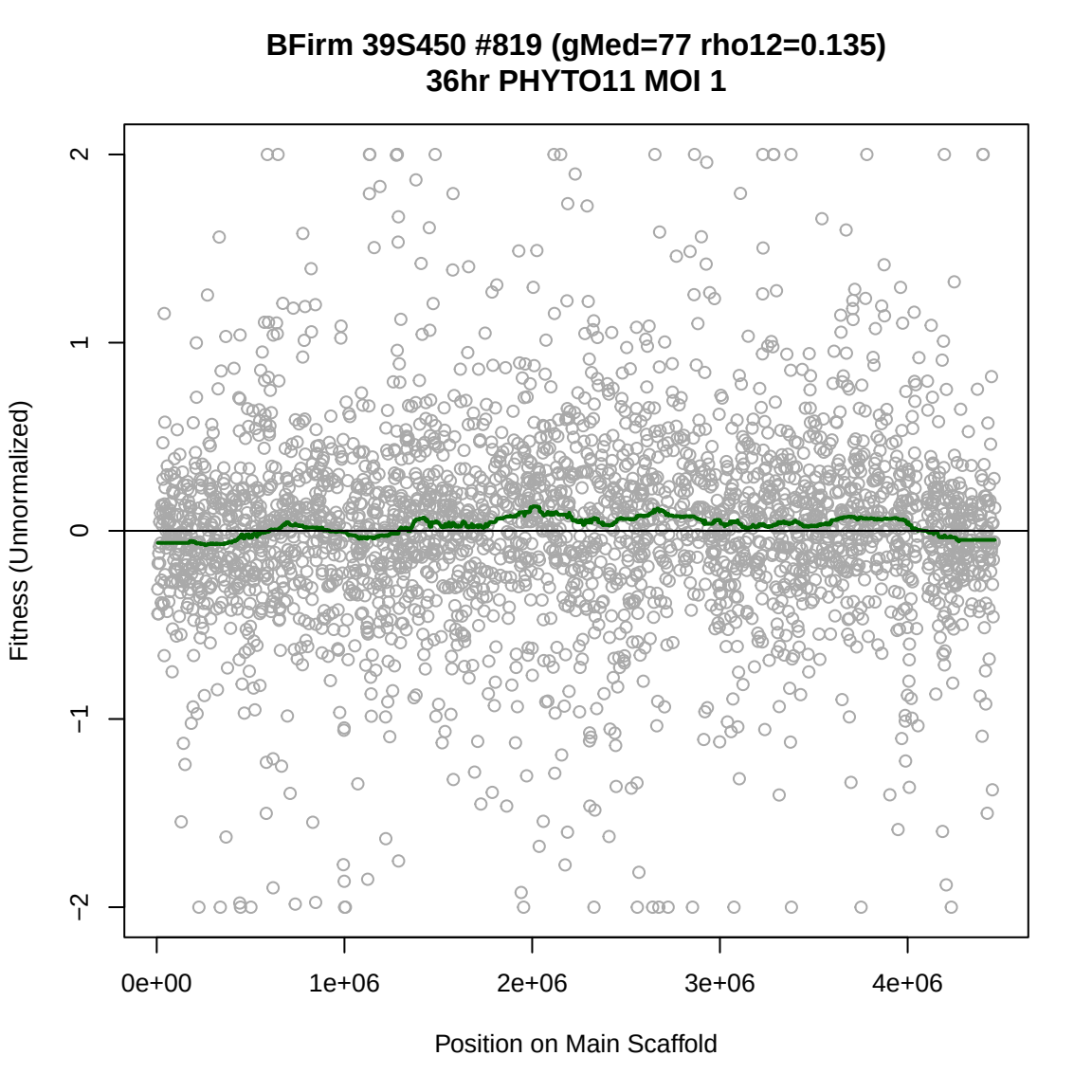

BFirm 39S445 #814 (gMed=70 rho12=0.079)
36hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

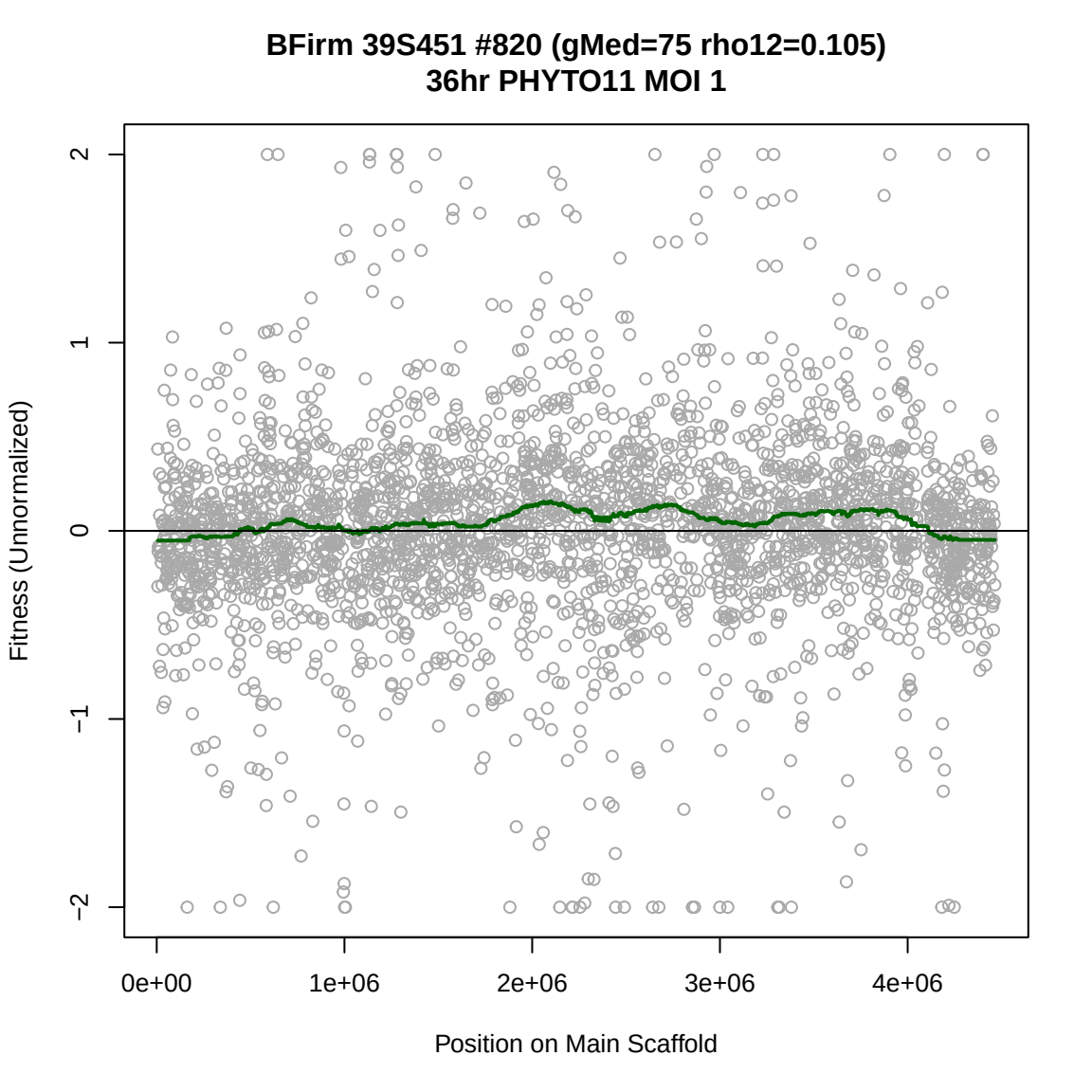

BFirm 39S446 #815 (gMed=75 rho12=0.078)
36hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

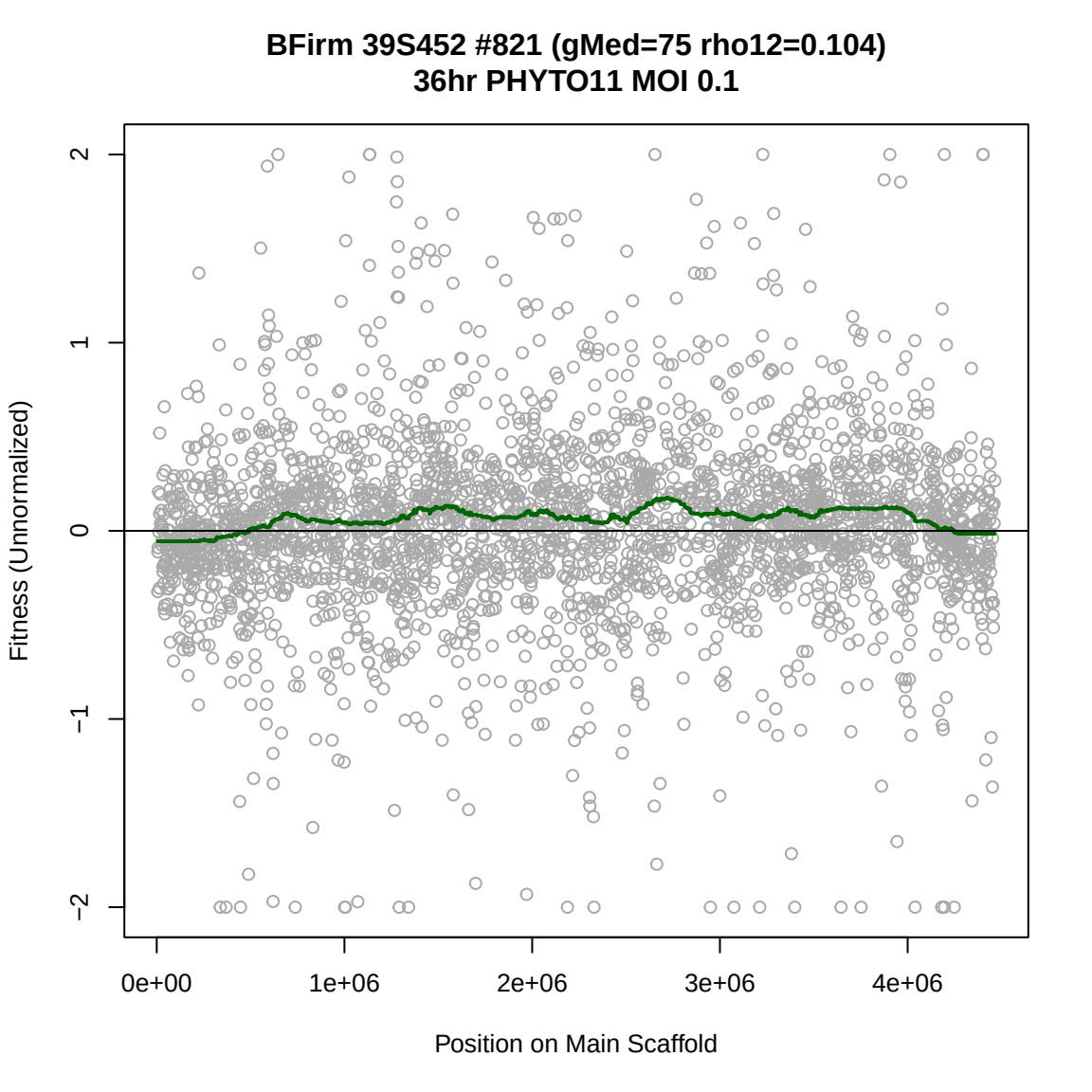

BFirm 39S447 #816 (gMed=75 rho12=0.108)
36hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

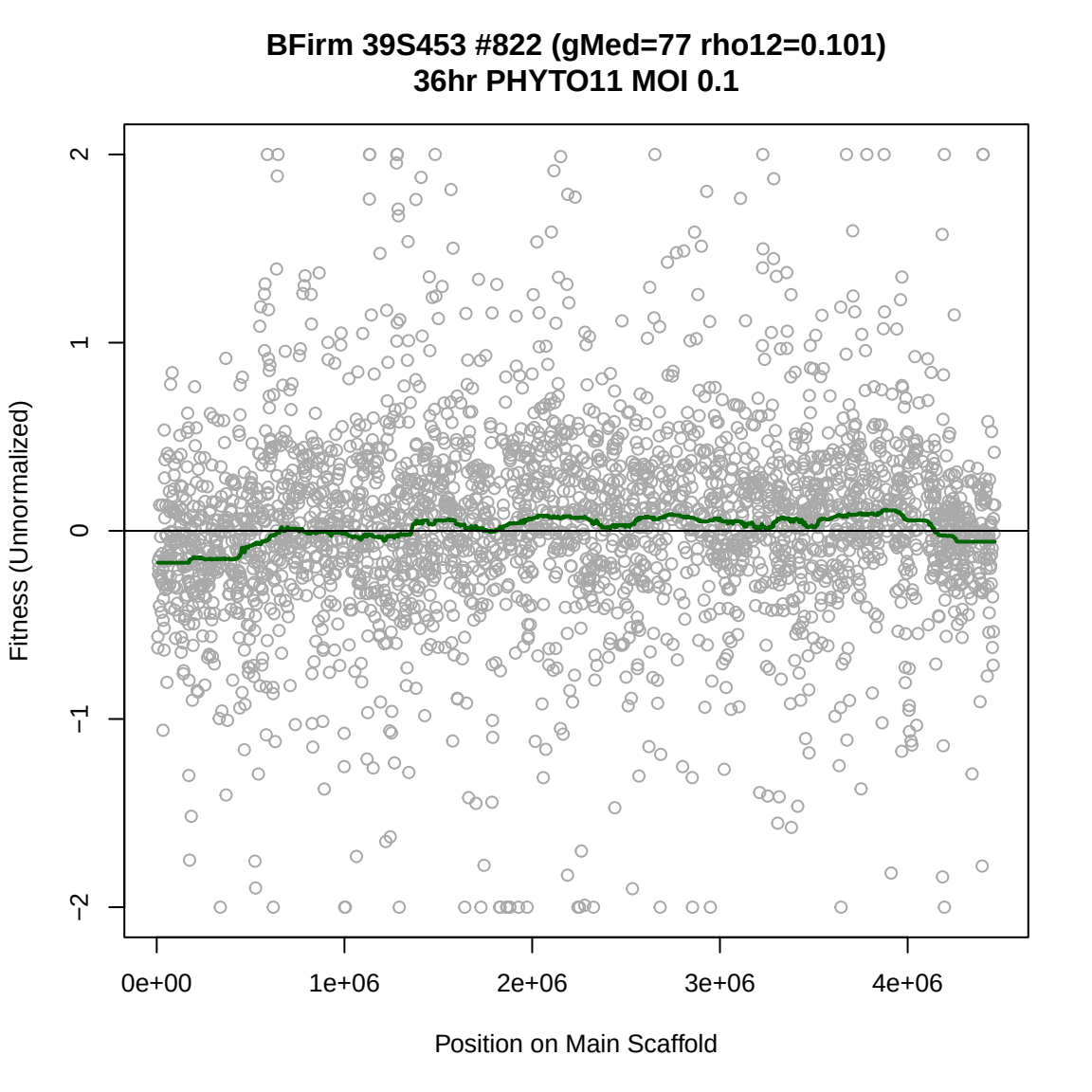

BFirm 39S448 #817 (gMed=51 rho12=0.083)
36hr PHYTO11 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

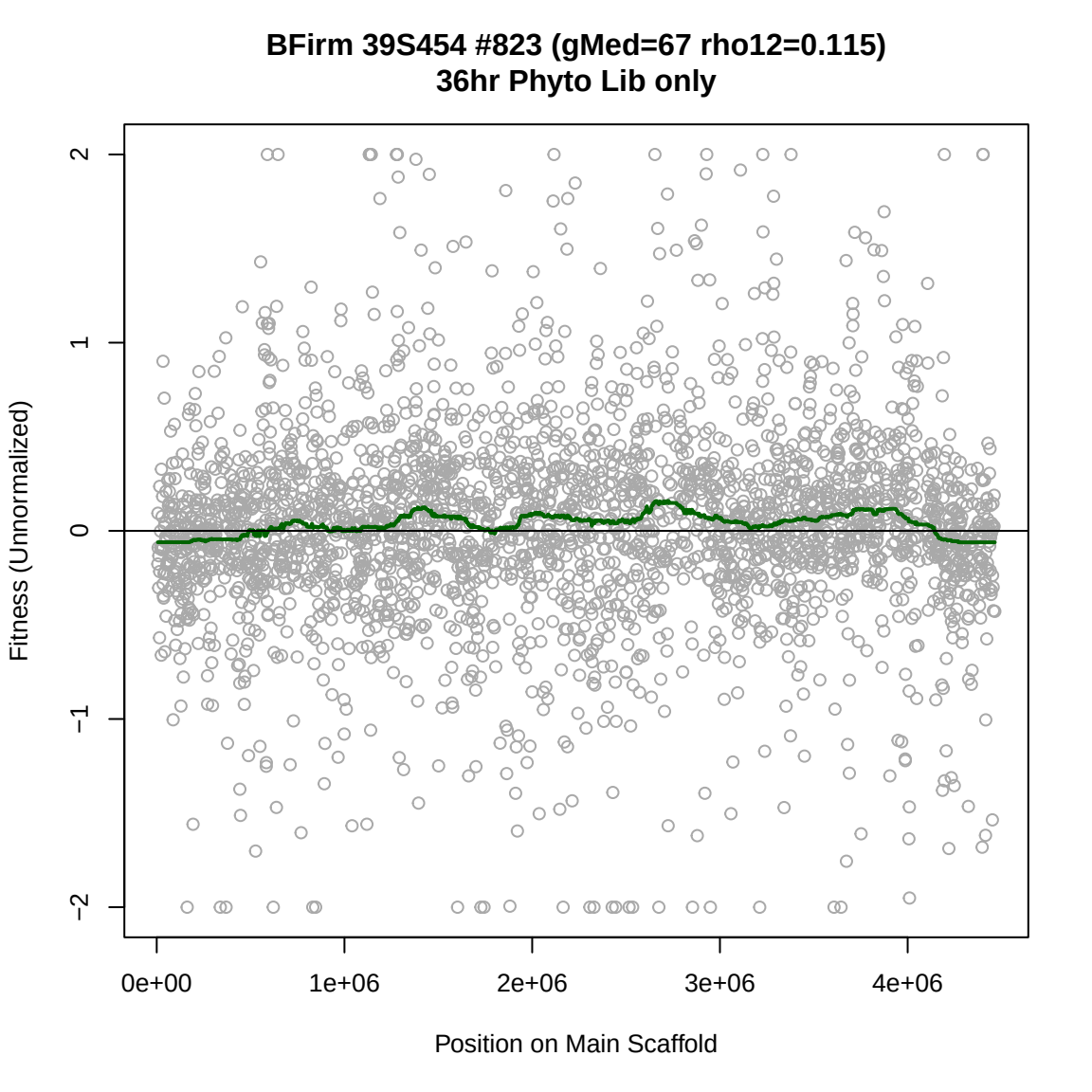

BFirm 39S449 #818 (gMed=55 rho12=0.095)
36hr PHYTO11 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

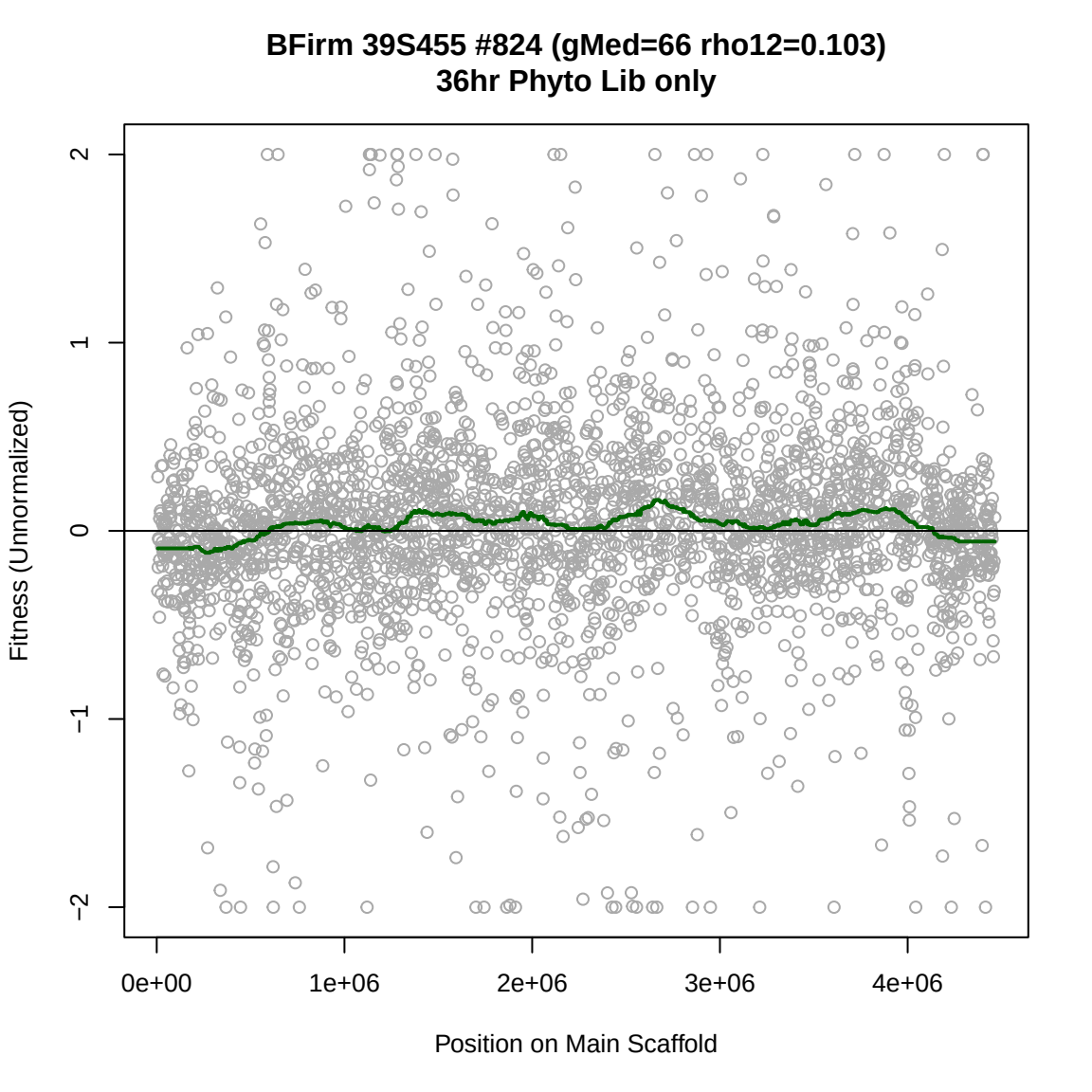

BFirm 39S450 #819 (gMed=77 rho12=0.135)
36hr PHYTO11 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

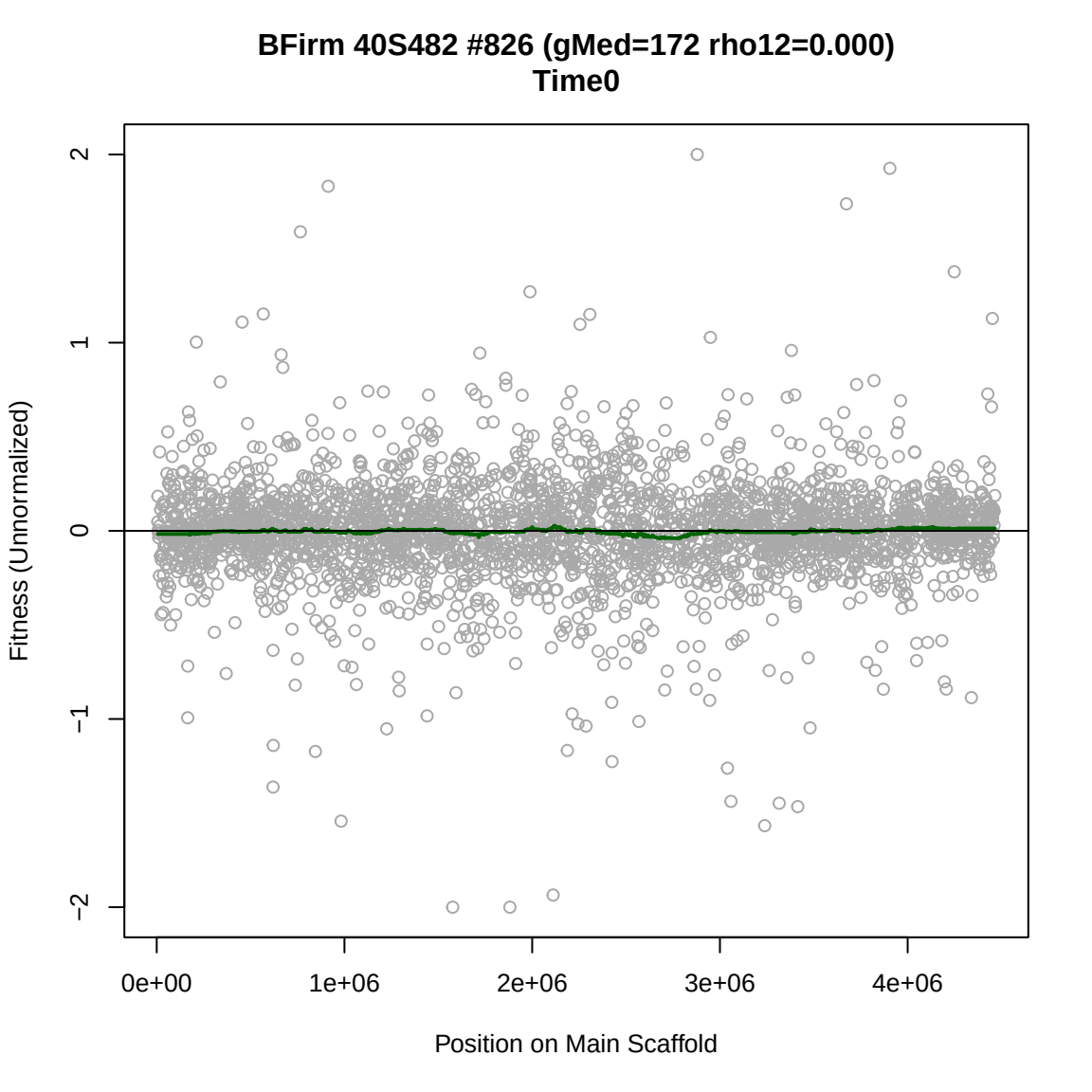

BFirm 39S451 #820 (gMed=75 rho12=0.105)
36hr PHYTO11 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

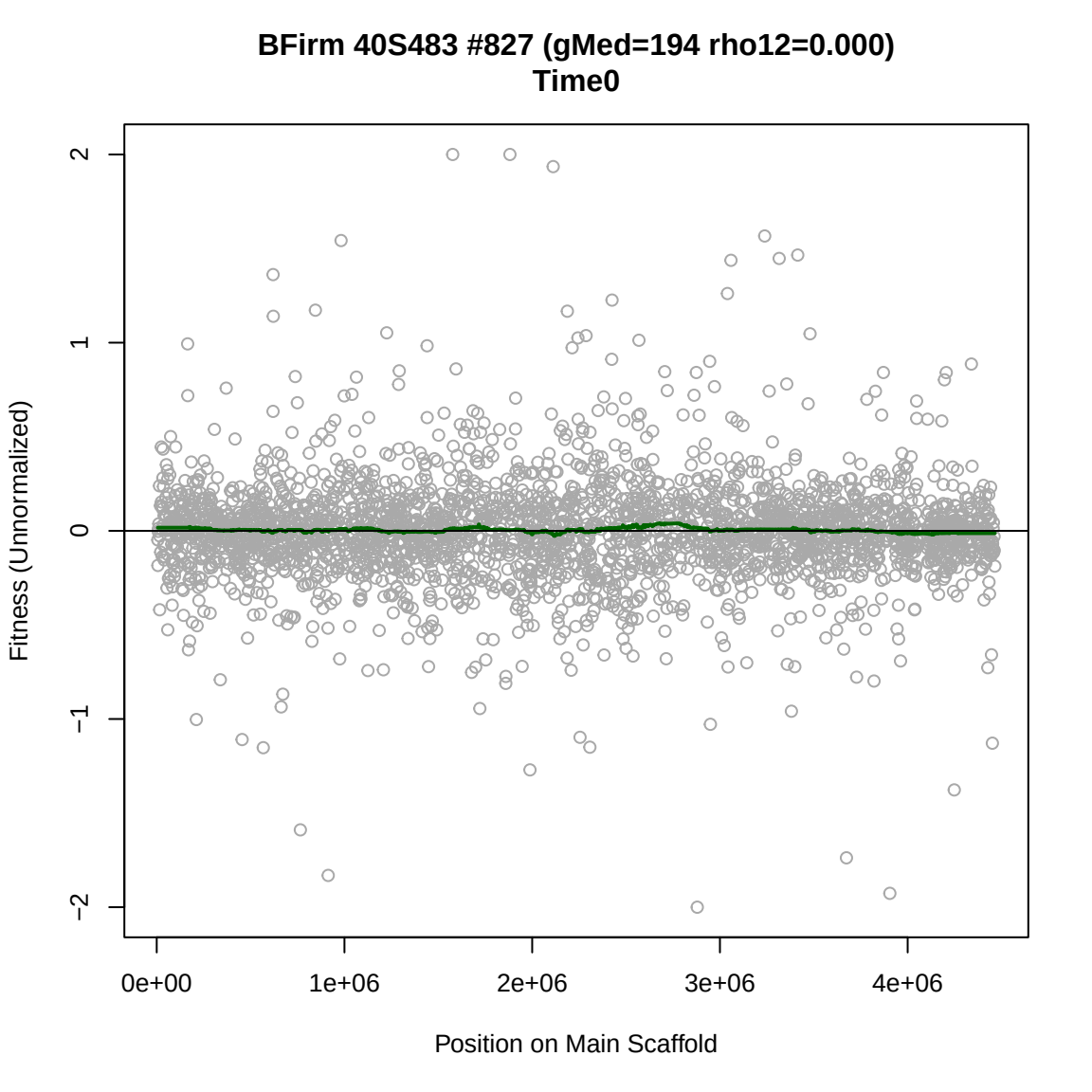

BFirm 39S452 #821 (gMed=75 rho12=0.104)
36hr PHYTO11 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

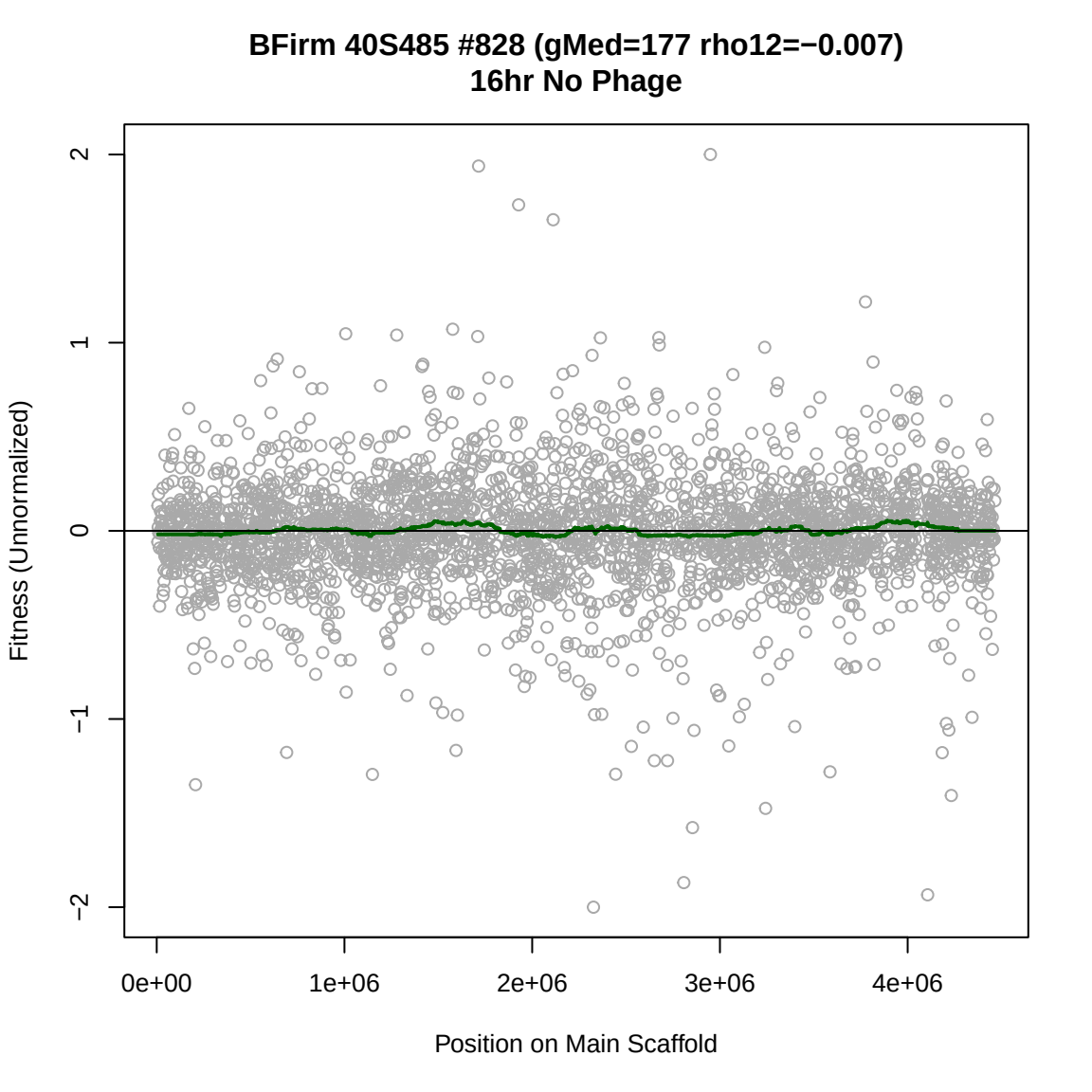

BFirm 39S453 #822 (gMed=77 rho12=0.101)
36hr PHYTO11 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

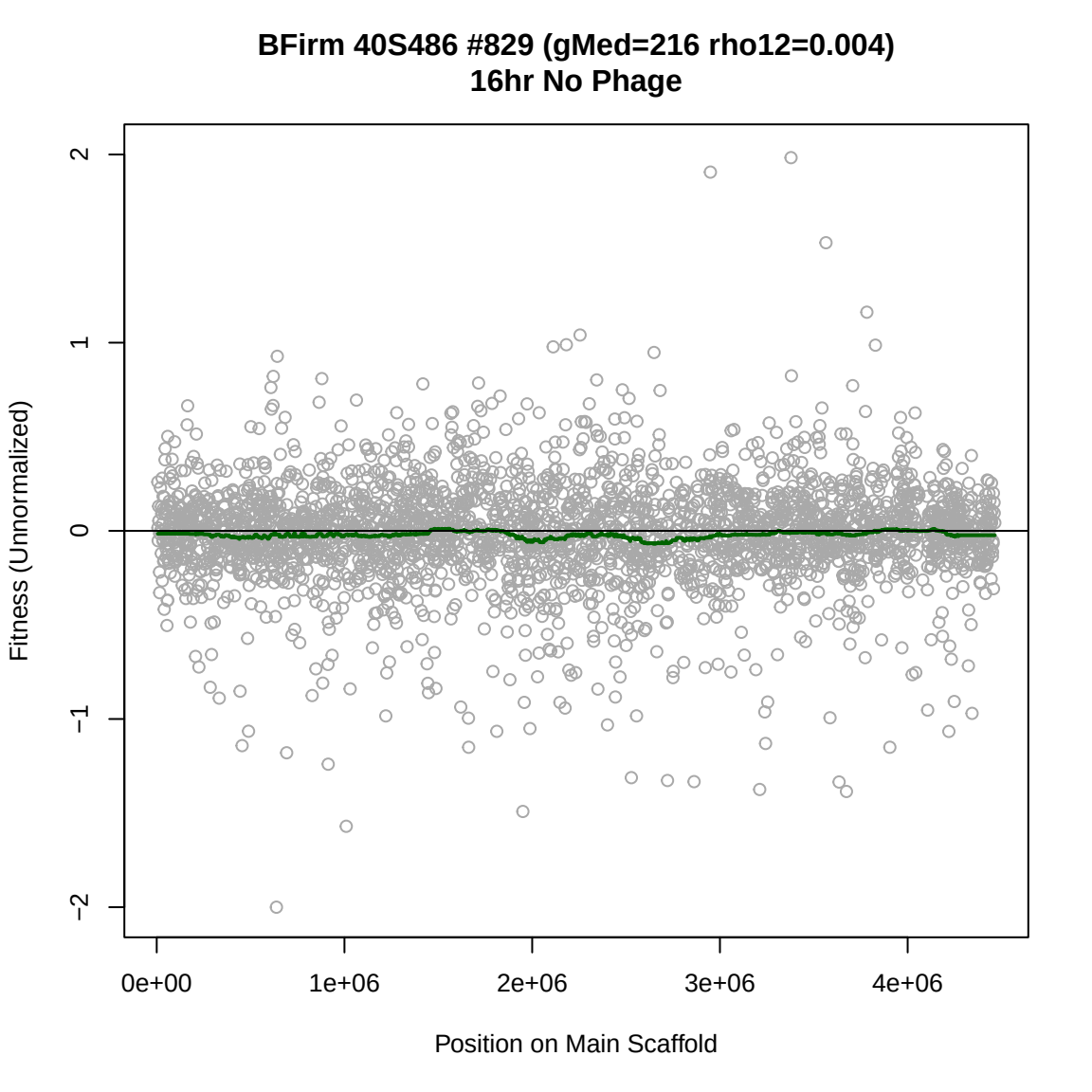

BFirm 39S454 #823 (gMed=67 rho12=0.115)
36hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

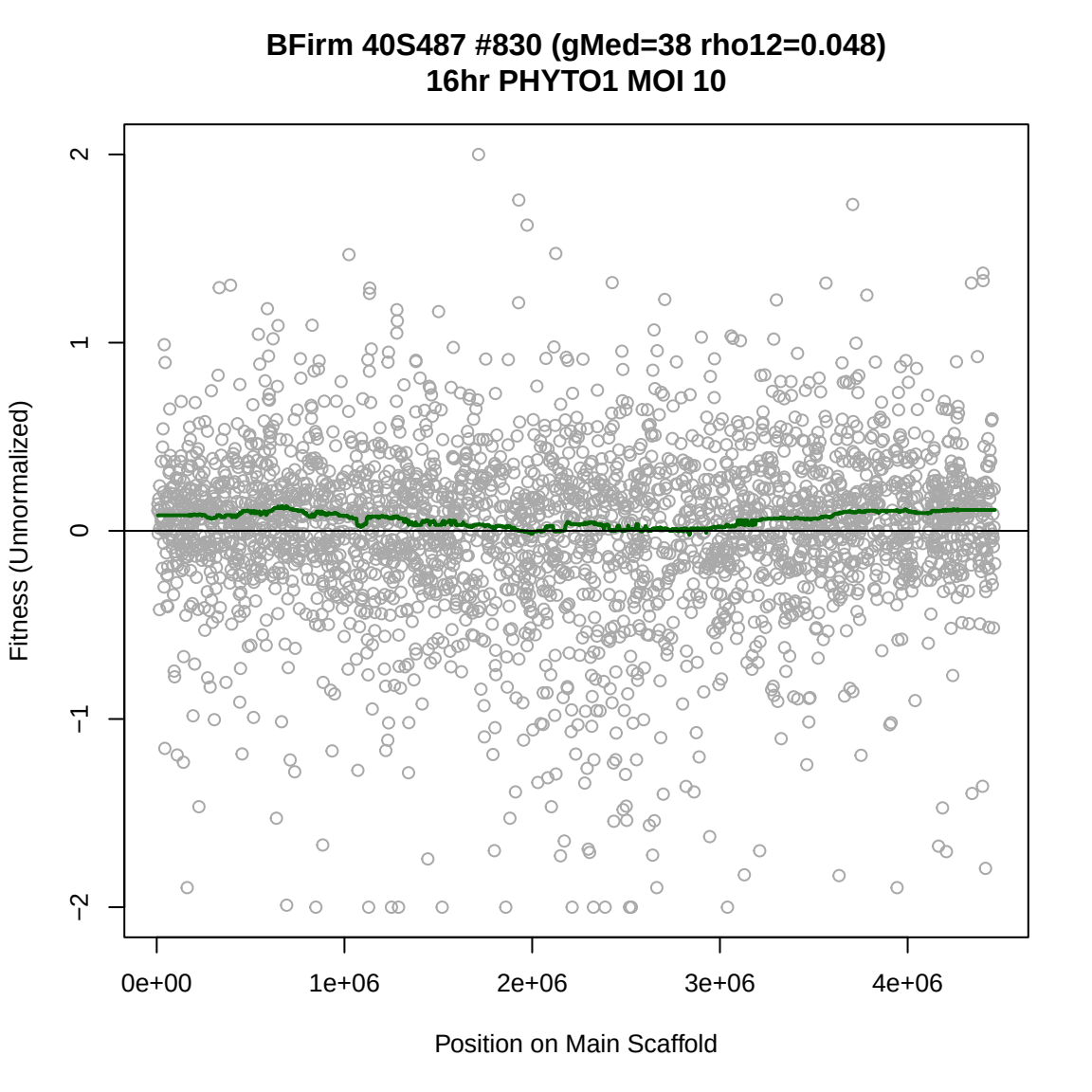

BFirm 39S455 #824 (gMed=66 rho12=0.103)
36hr Phyto Lib only
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

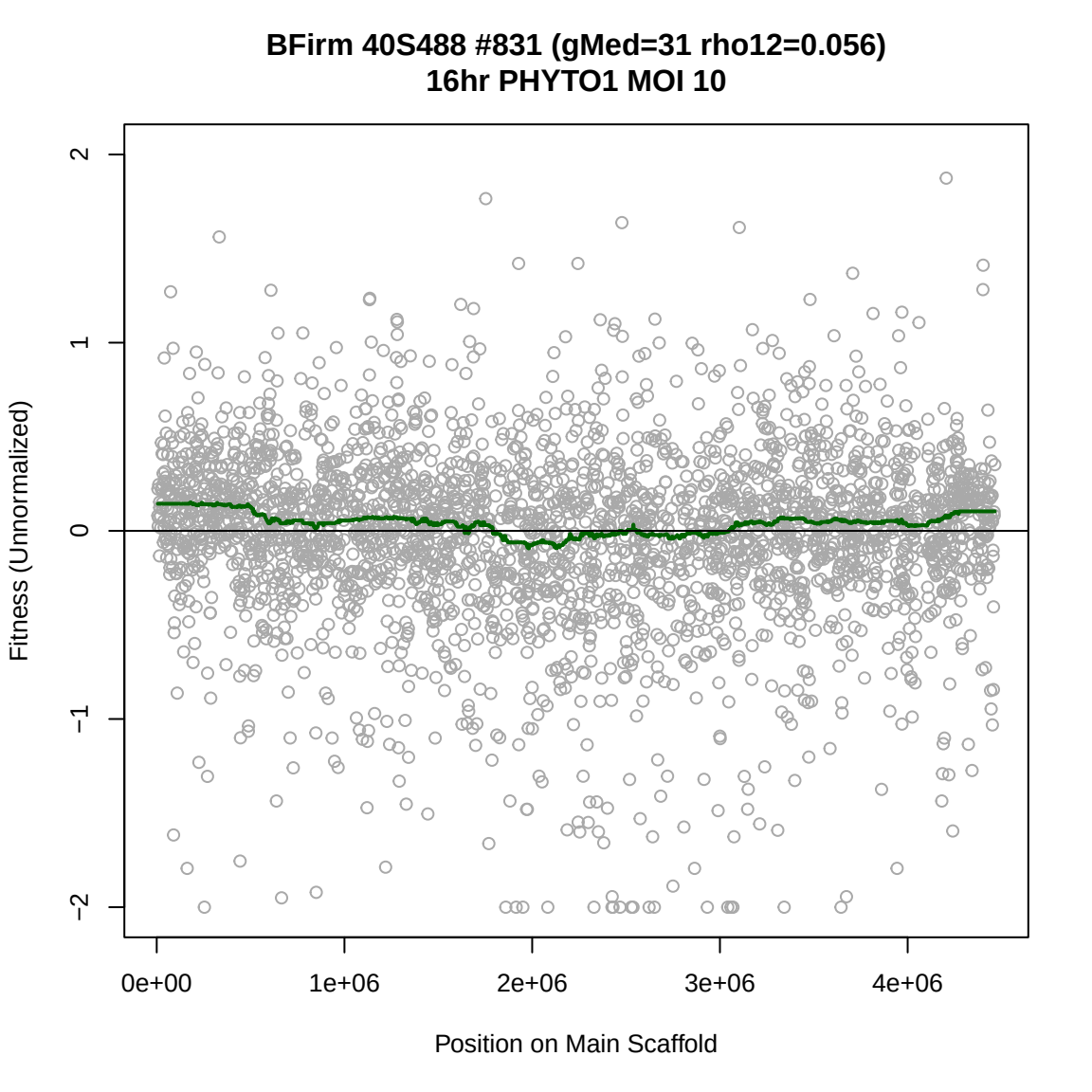

BFirm 40S482 #826 (gMed=172 rho12=0.000)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

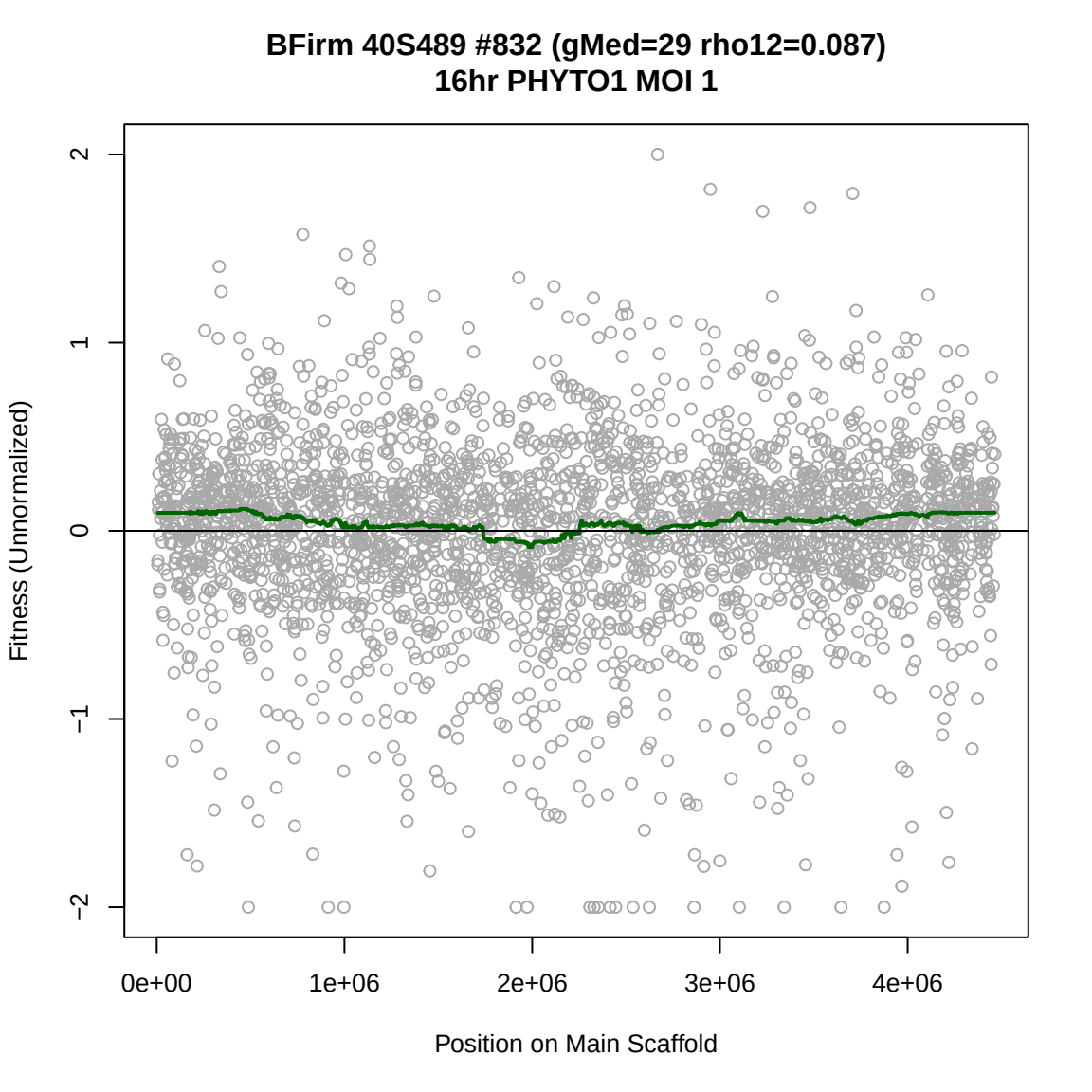

BFirm 40S483 #827 (gMed=194 rho12=0.000)
Time0
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

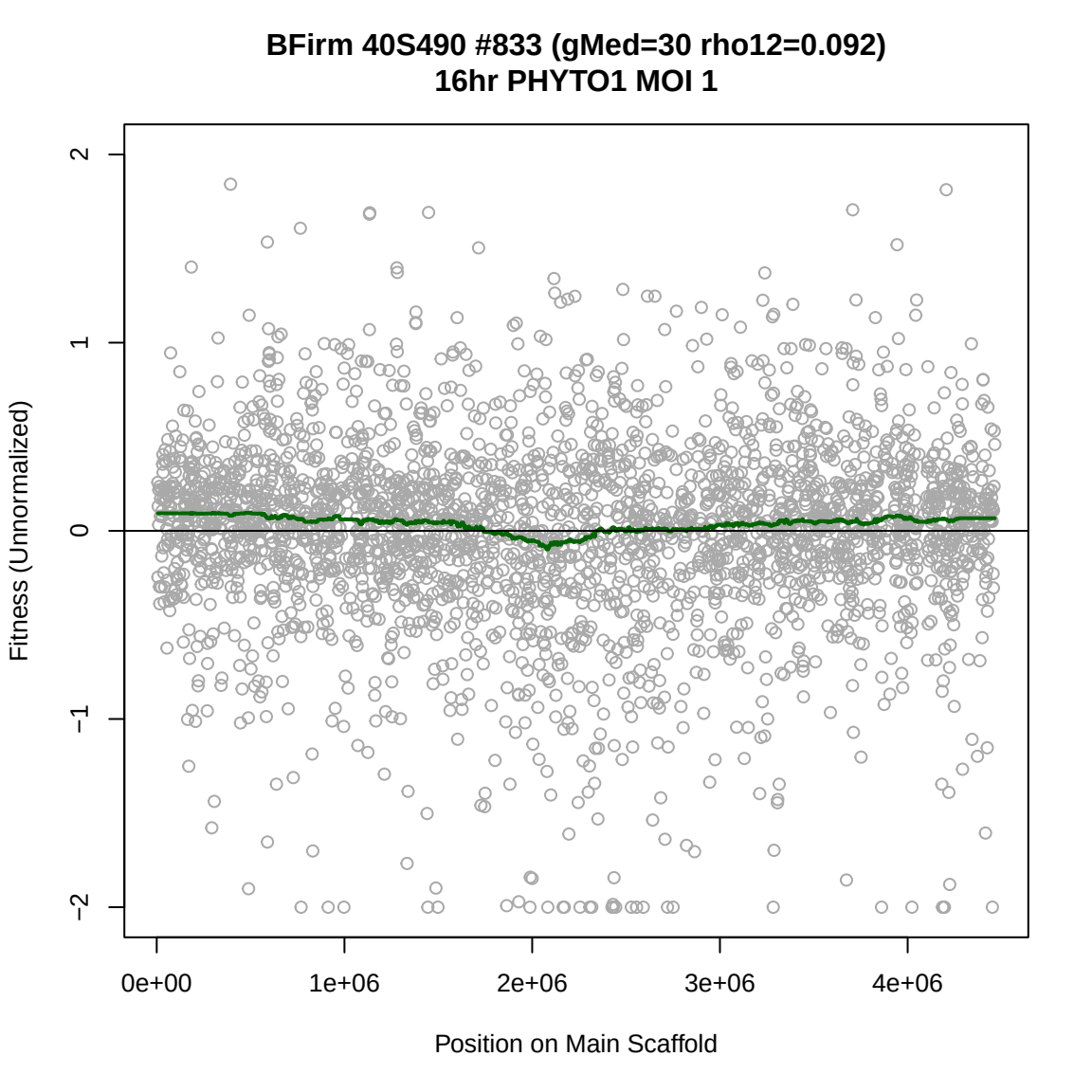

BFirm 40S485 #828 (gMed=177 rho12=−0.007)
16hr No Phage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

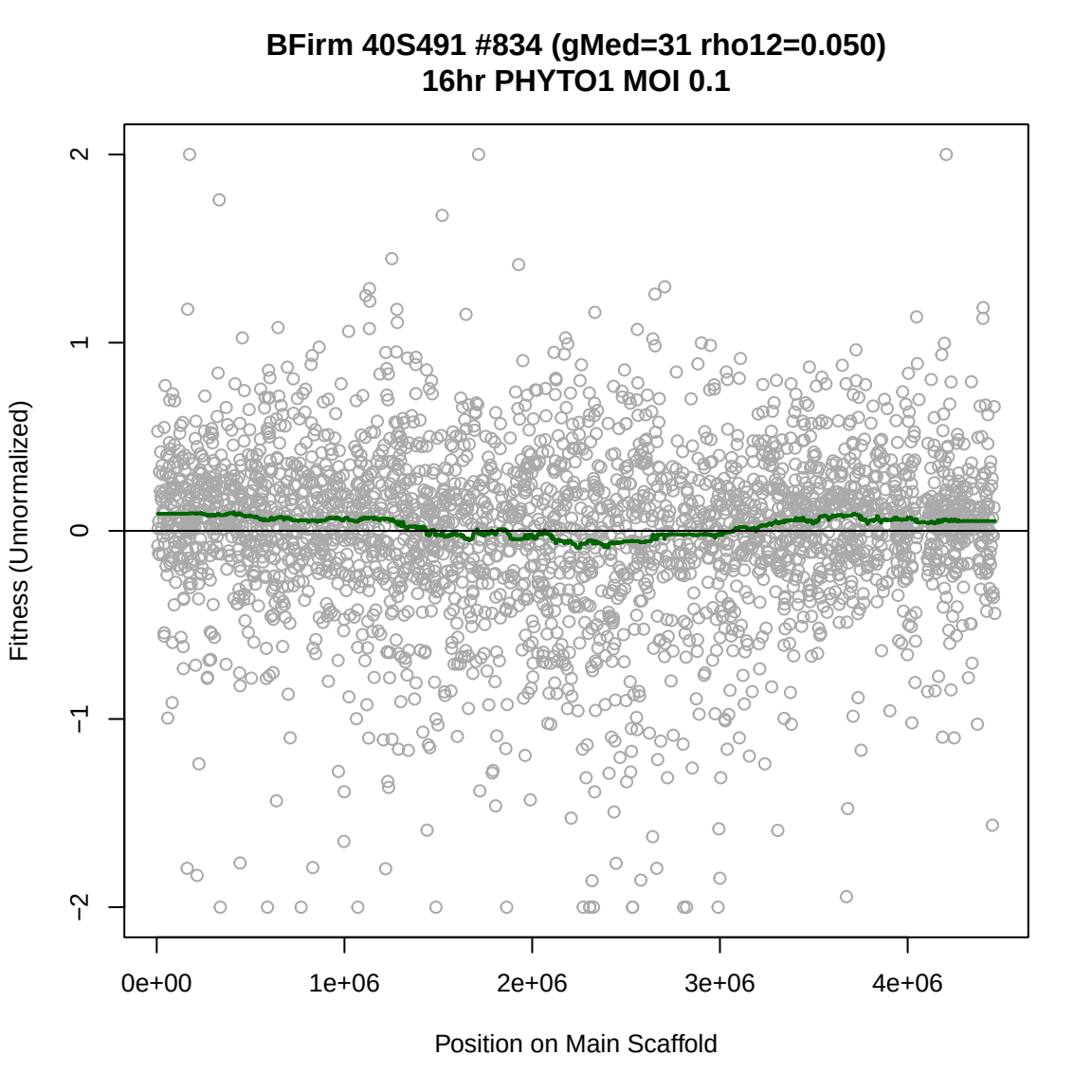

BFirm 40S486 #829 (gMed=216 rho12=0.004)
16hr No Phage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

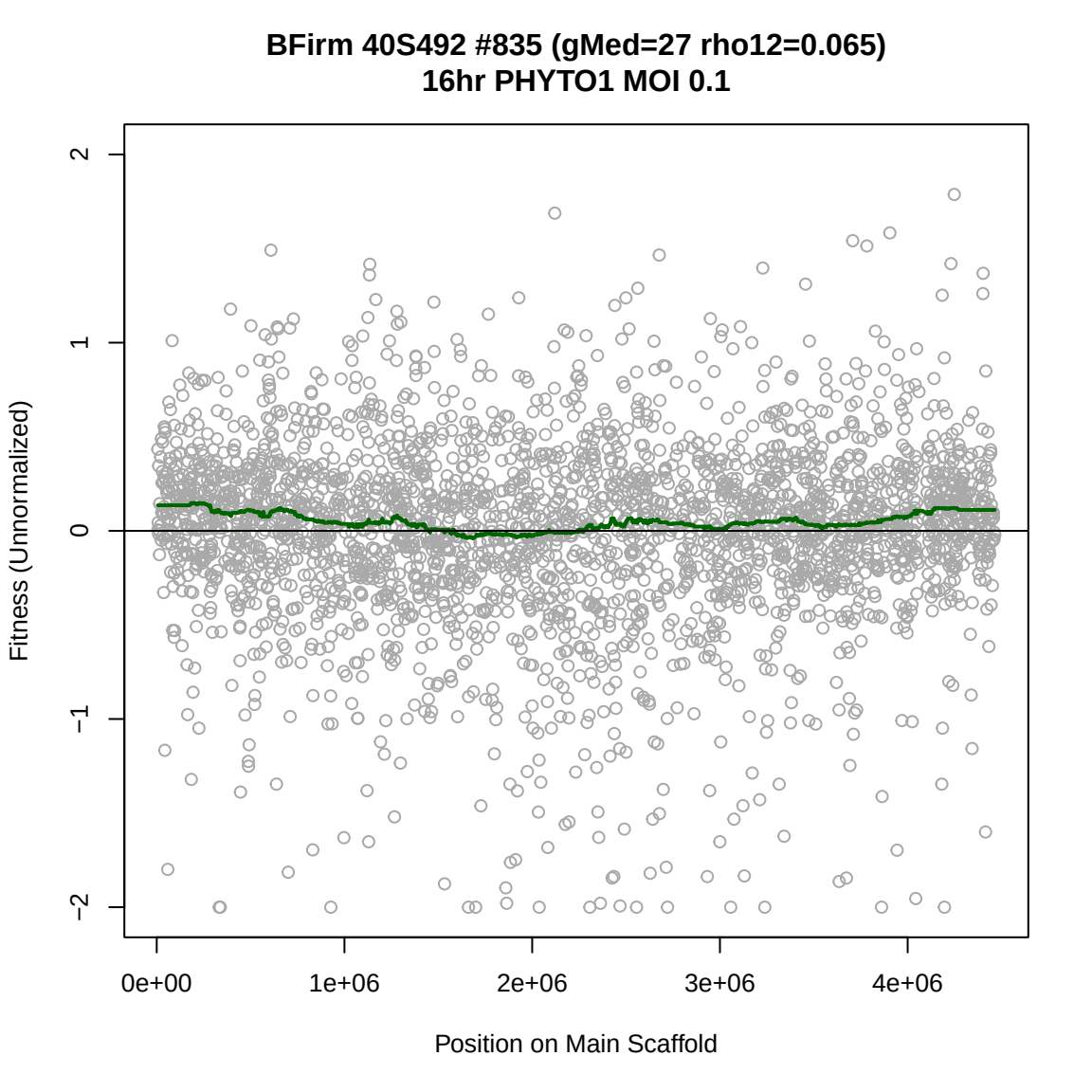

BFirm 40S487 #830 (gMed=38 rho12=0.048)
16hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

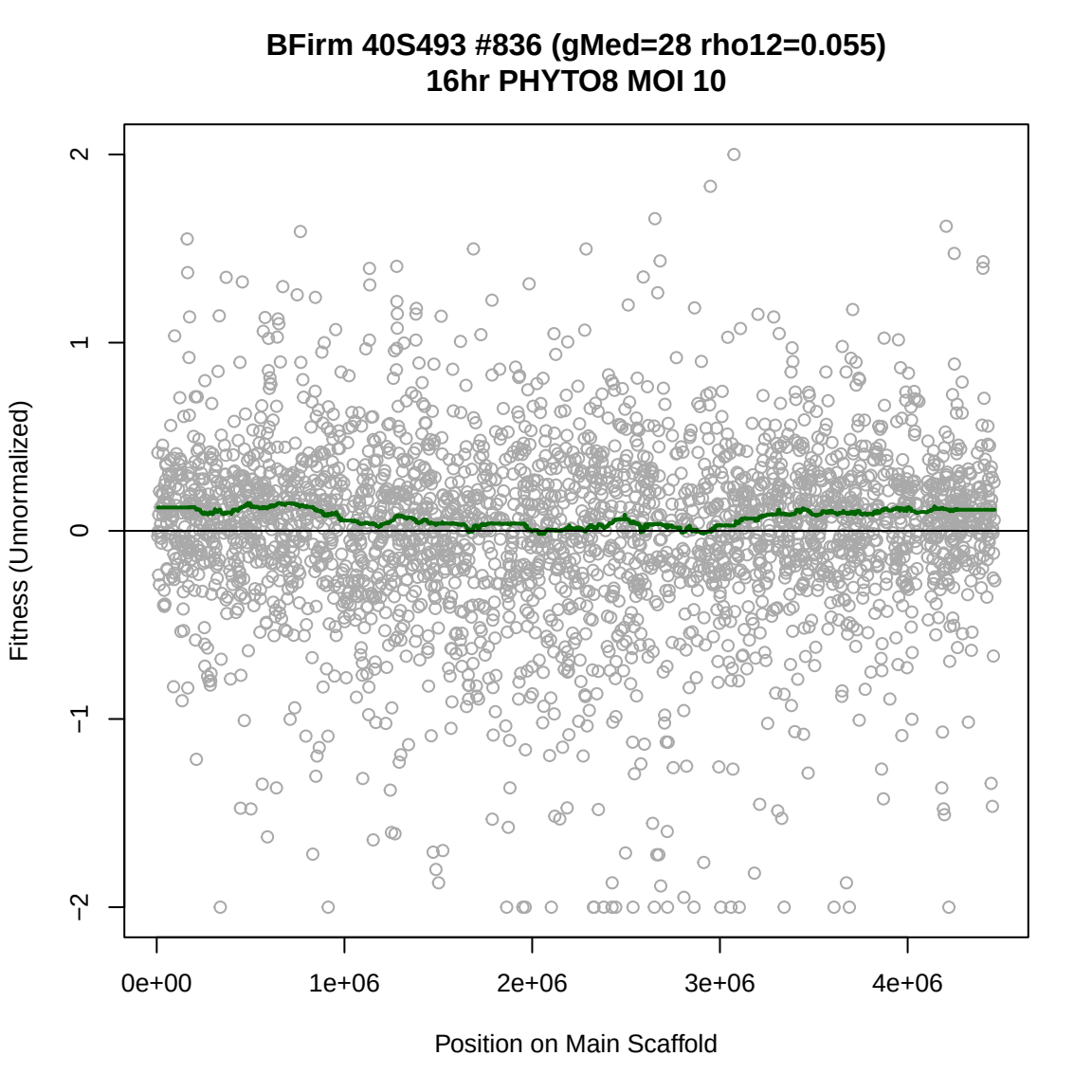

BFirm 40S488 #831 (gMed=31 rho12=0.056)
16hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

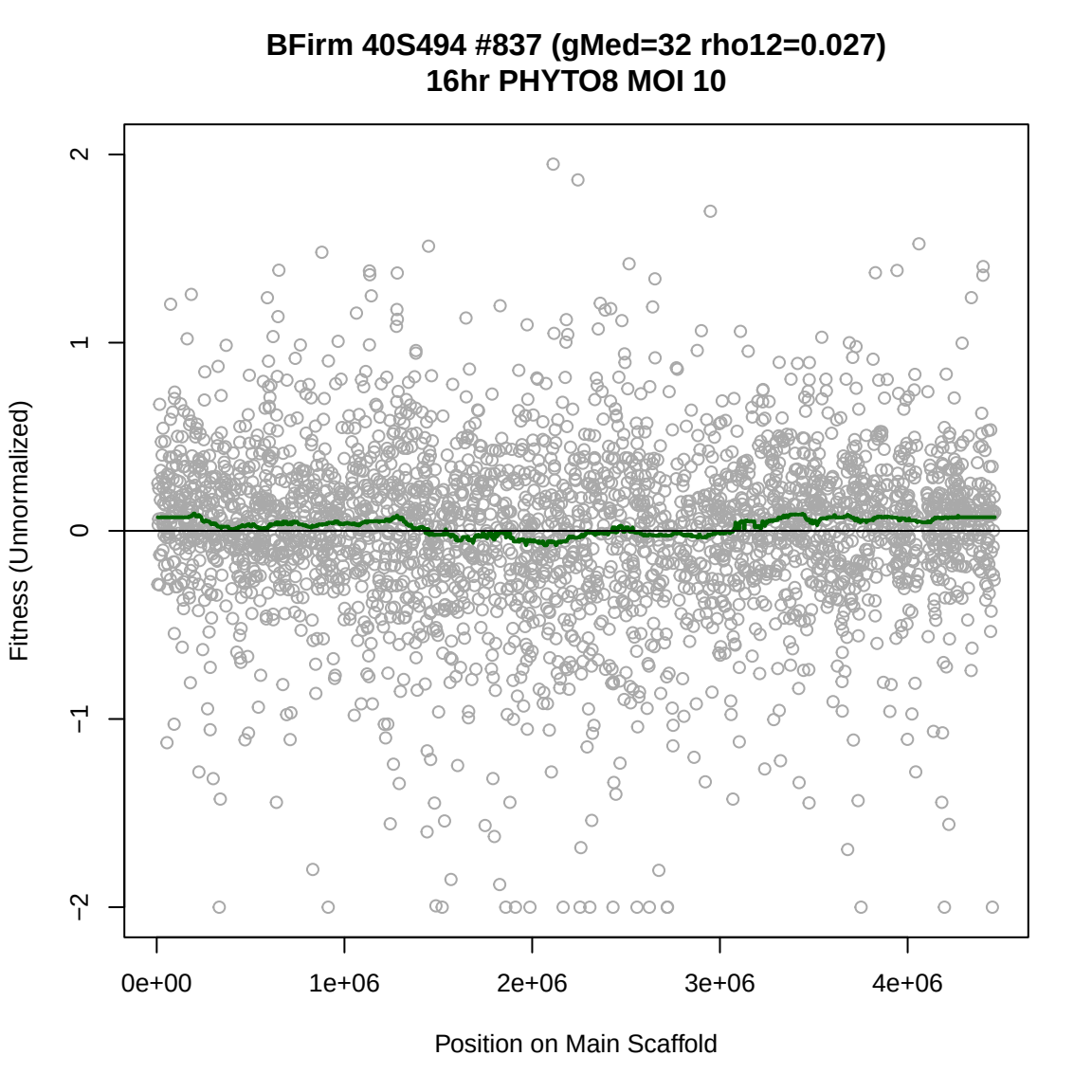

BFirm 40S489 #832 (gMed=29 rho12=0.087)
16hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

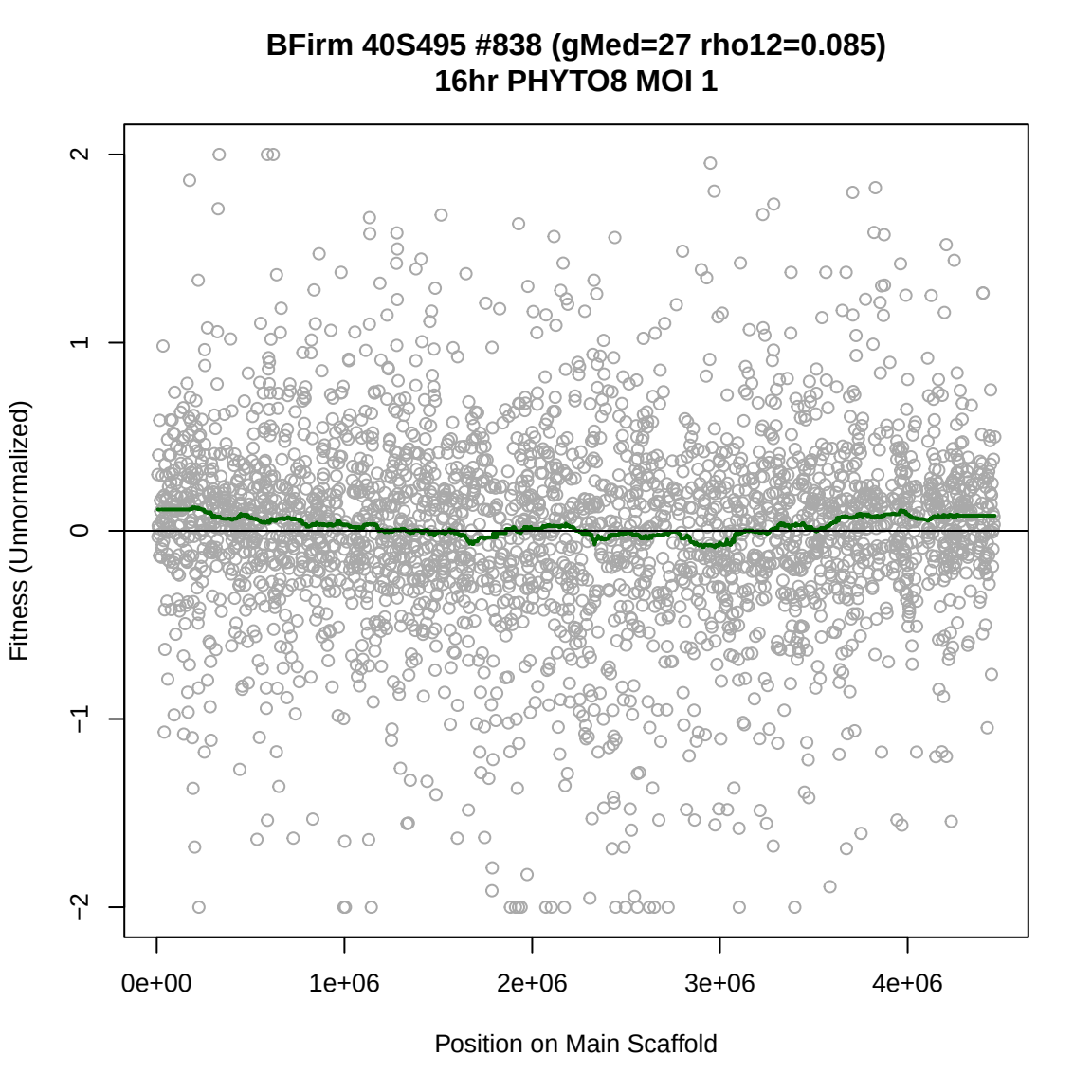

BFirm 40S490 #833 (gMed=30 rho12=0.092)
16hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

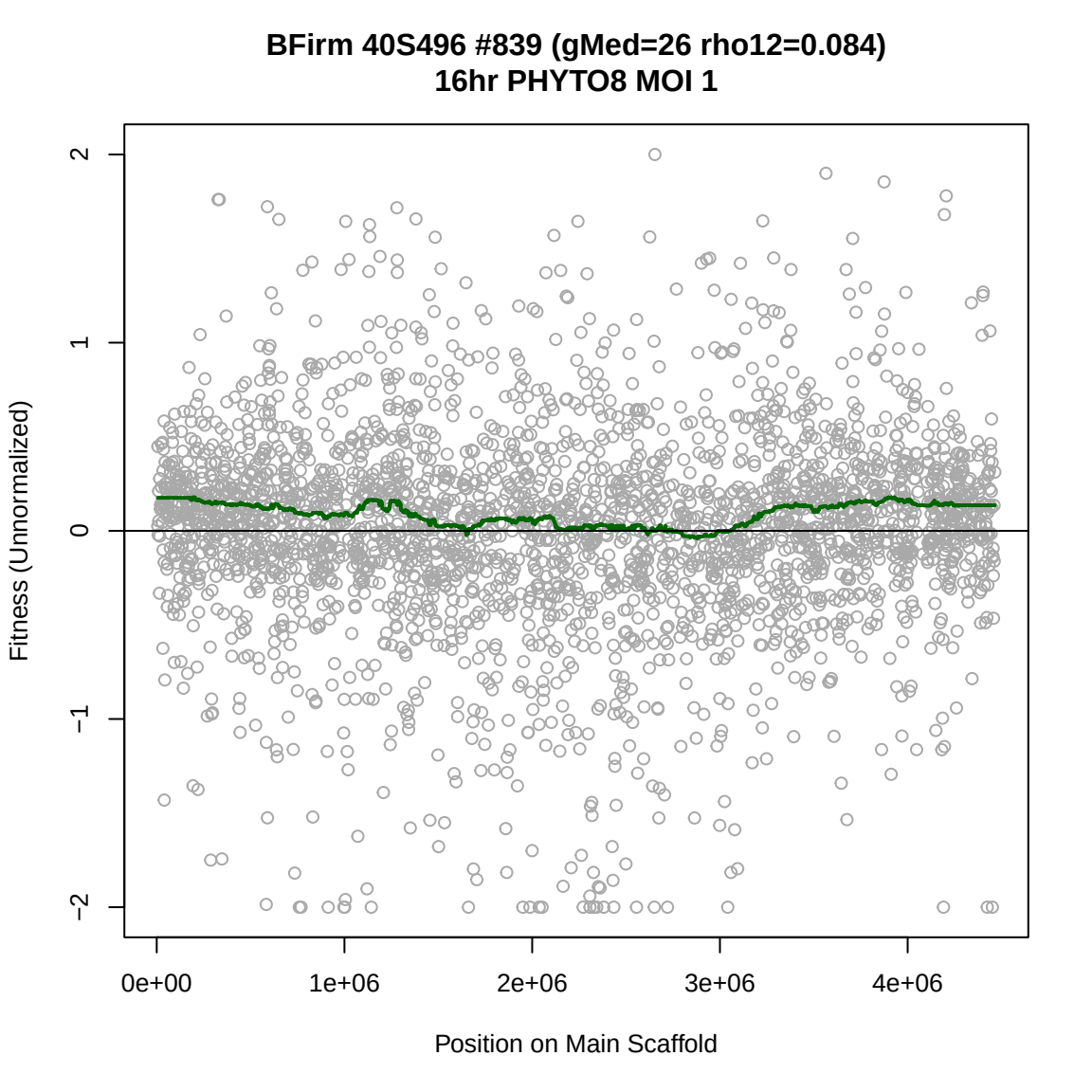

BFirm 40S491 #834 (gMed=31 rho12=0.050)
16hr PHYTO1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

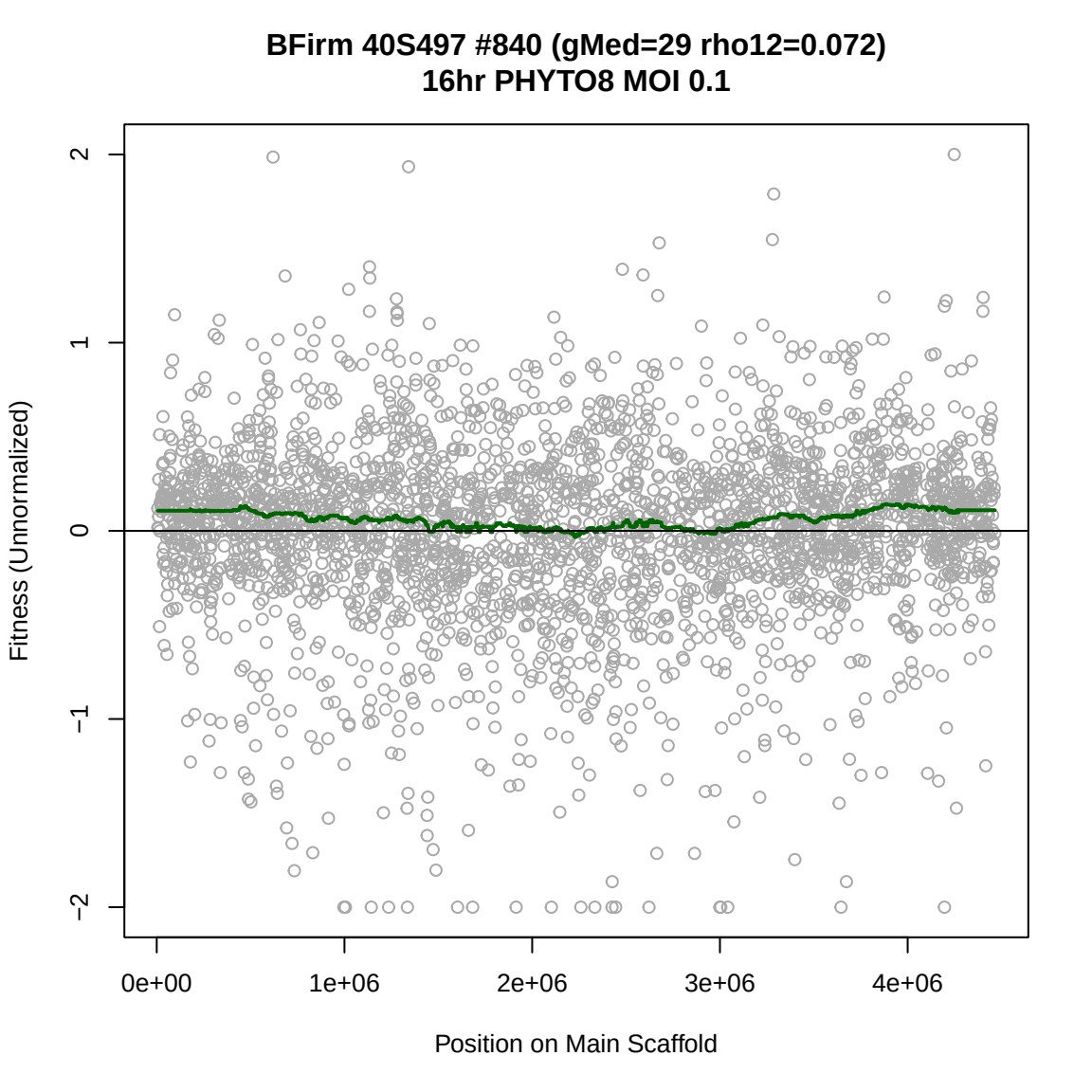

BFirm 40S492 #835 (gMed=27 rho12=0.065)
16hr PHYTO1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

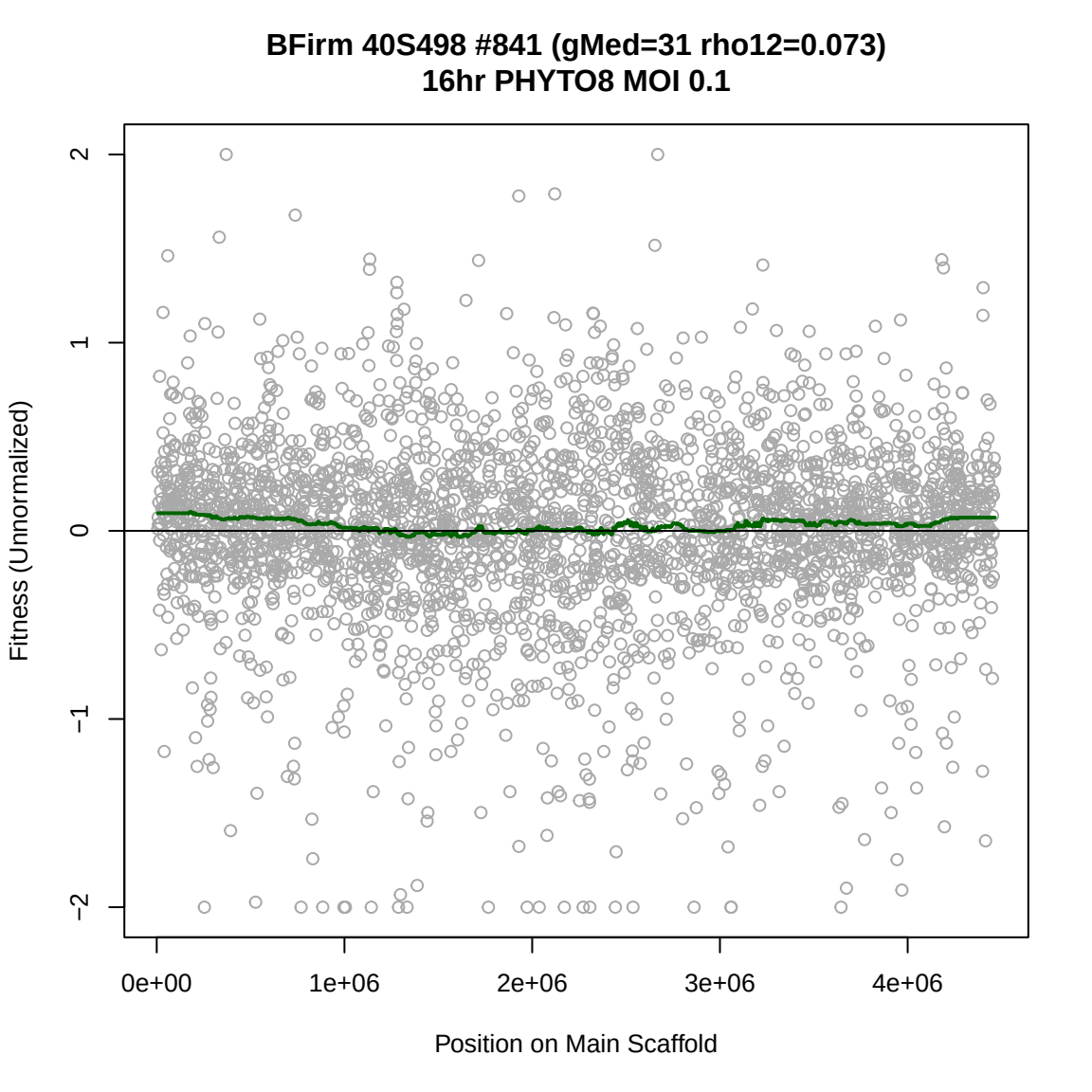

BFirm 40S493 #836 (gMed=28 rho12=0.055)
16hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

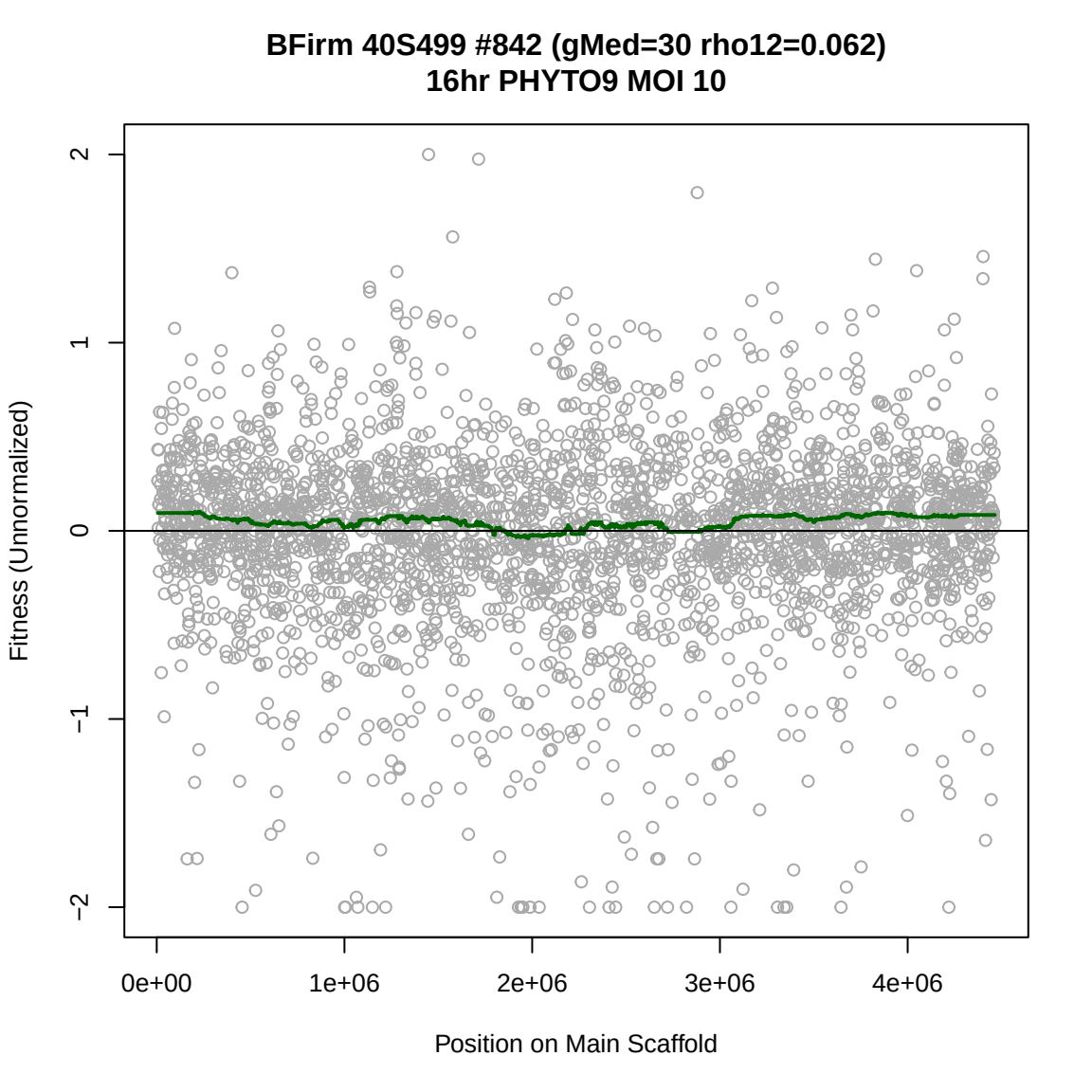

BFirm 40S494 #837 (gMed=32 rho12=0.027)
16hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

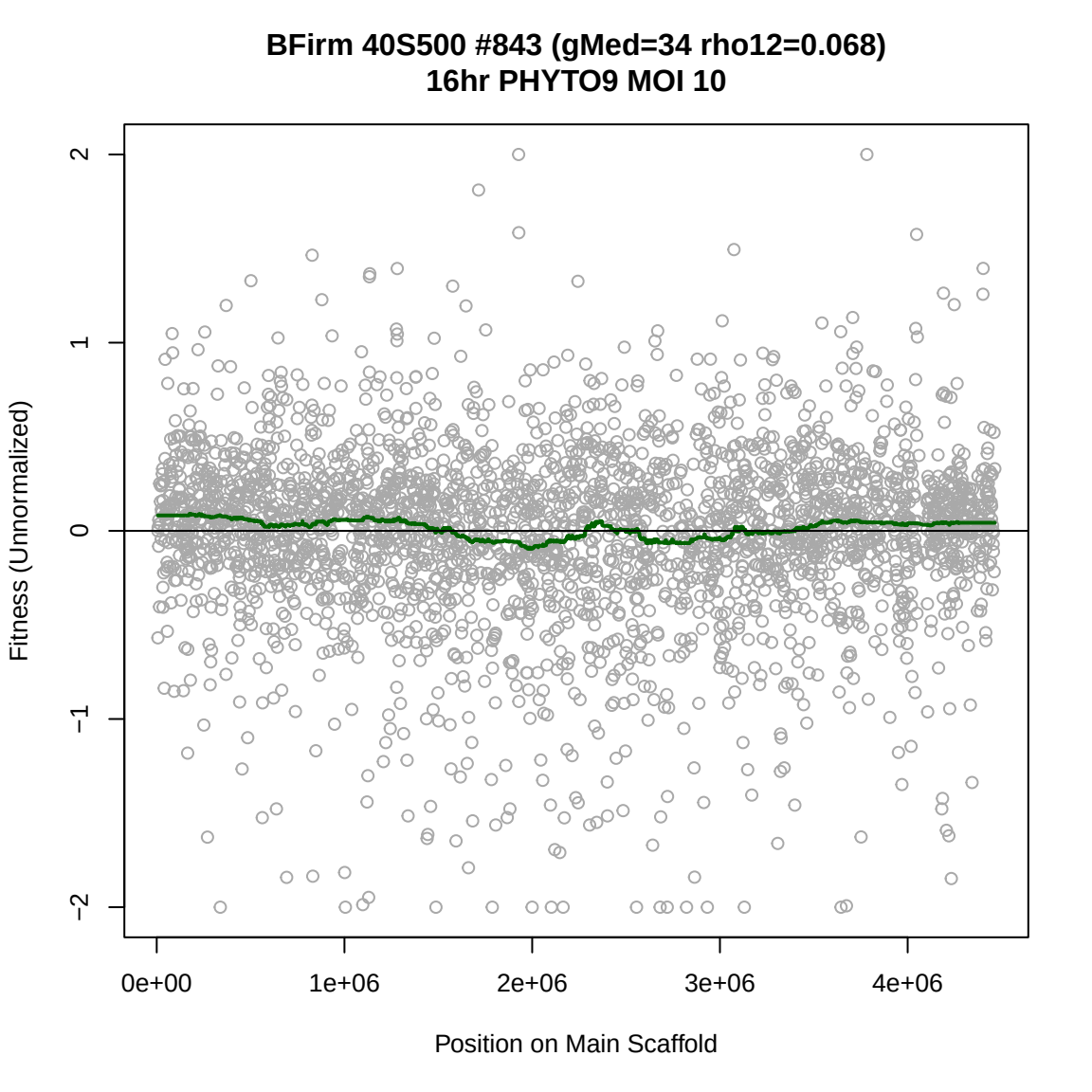

BFirm 40S495 #838 (gMed=27 rho12=0.085)
16hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

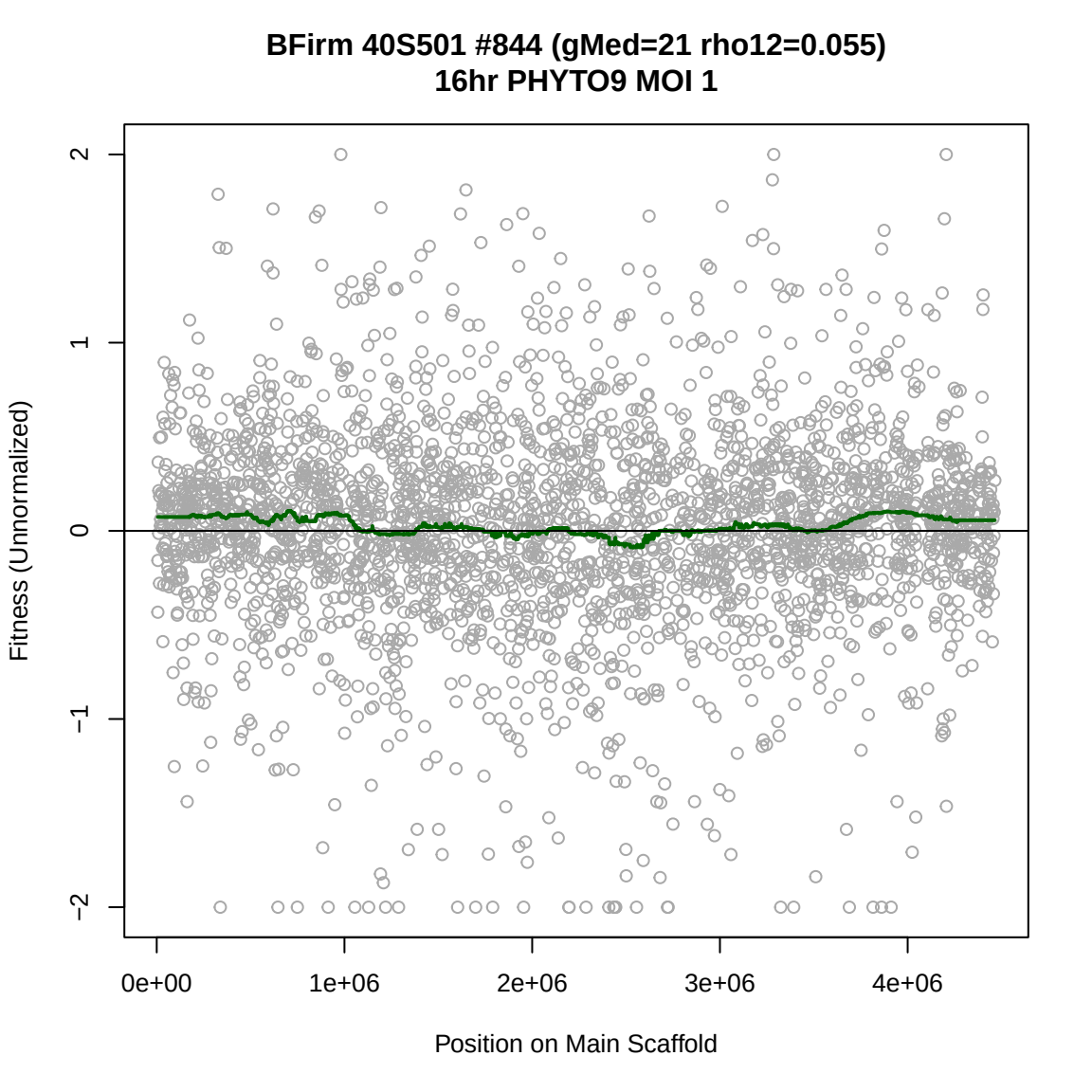

BFirm 40S496 #839 (gMed=26 rho12=0.084)
16hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

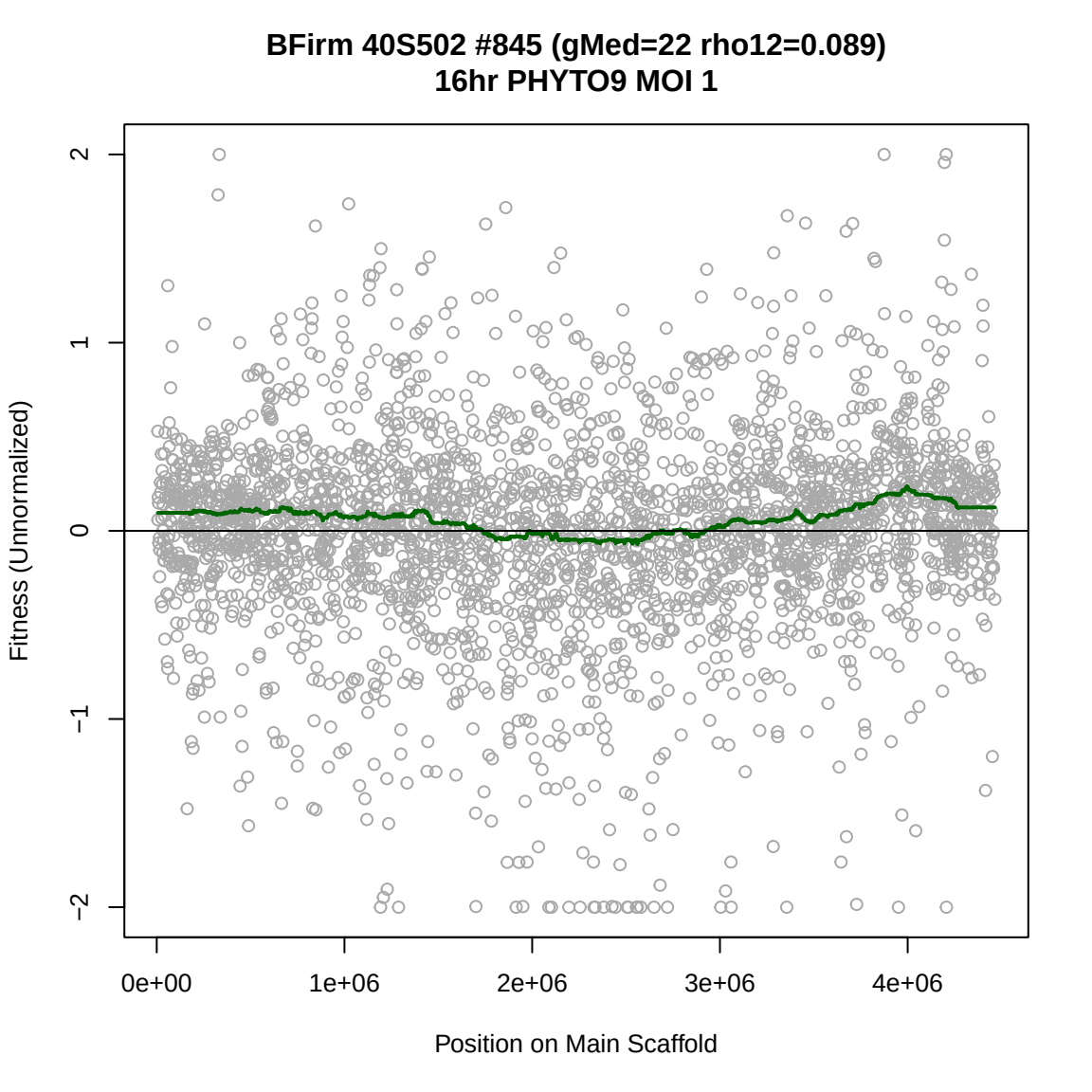

BFirm 40S497 #840 (gMed=29 rho12=0.072)
16hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

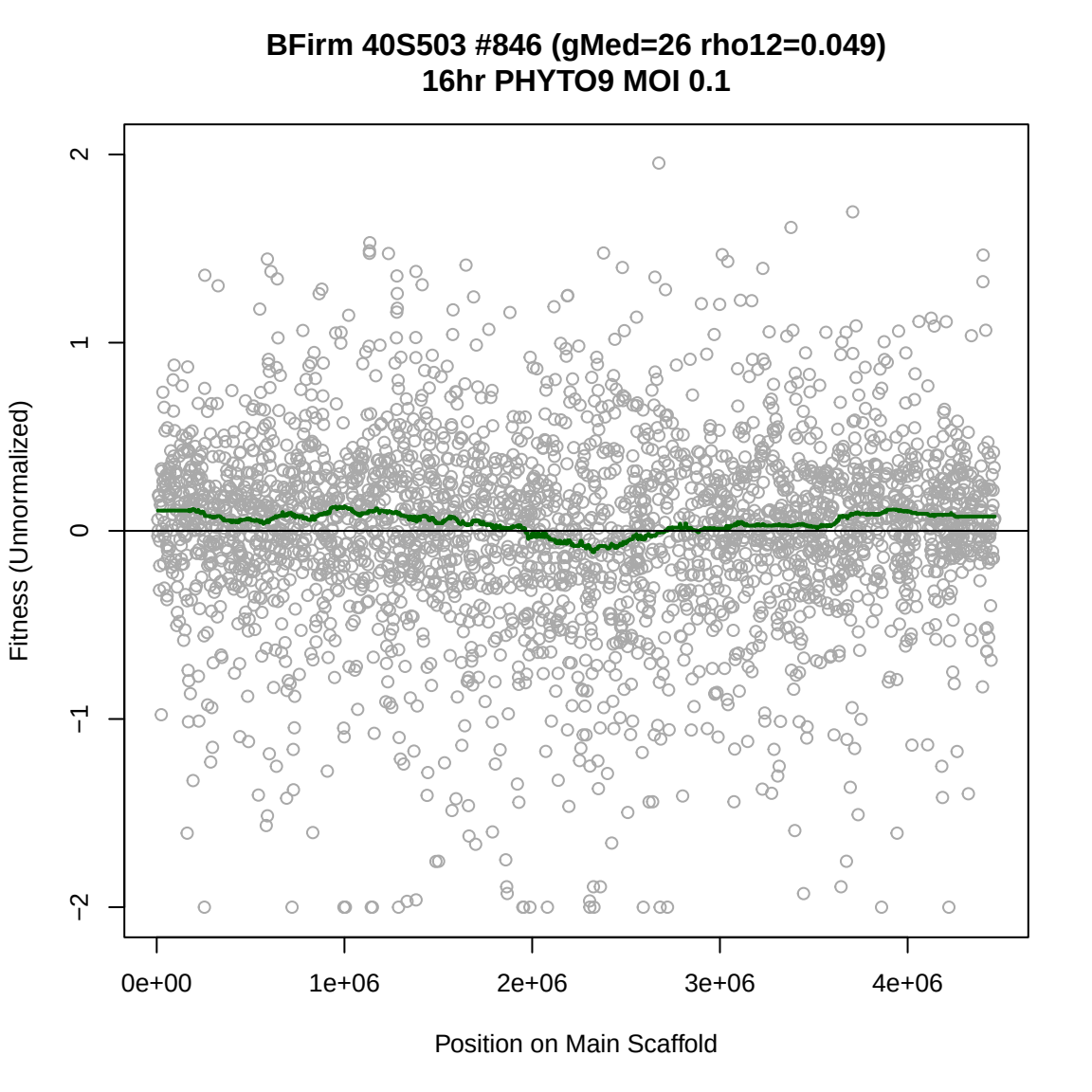

BFirm 40S498 #841 (gMed=31 rho12=0.073)
16hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

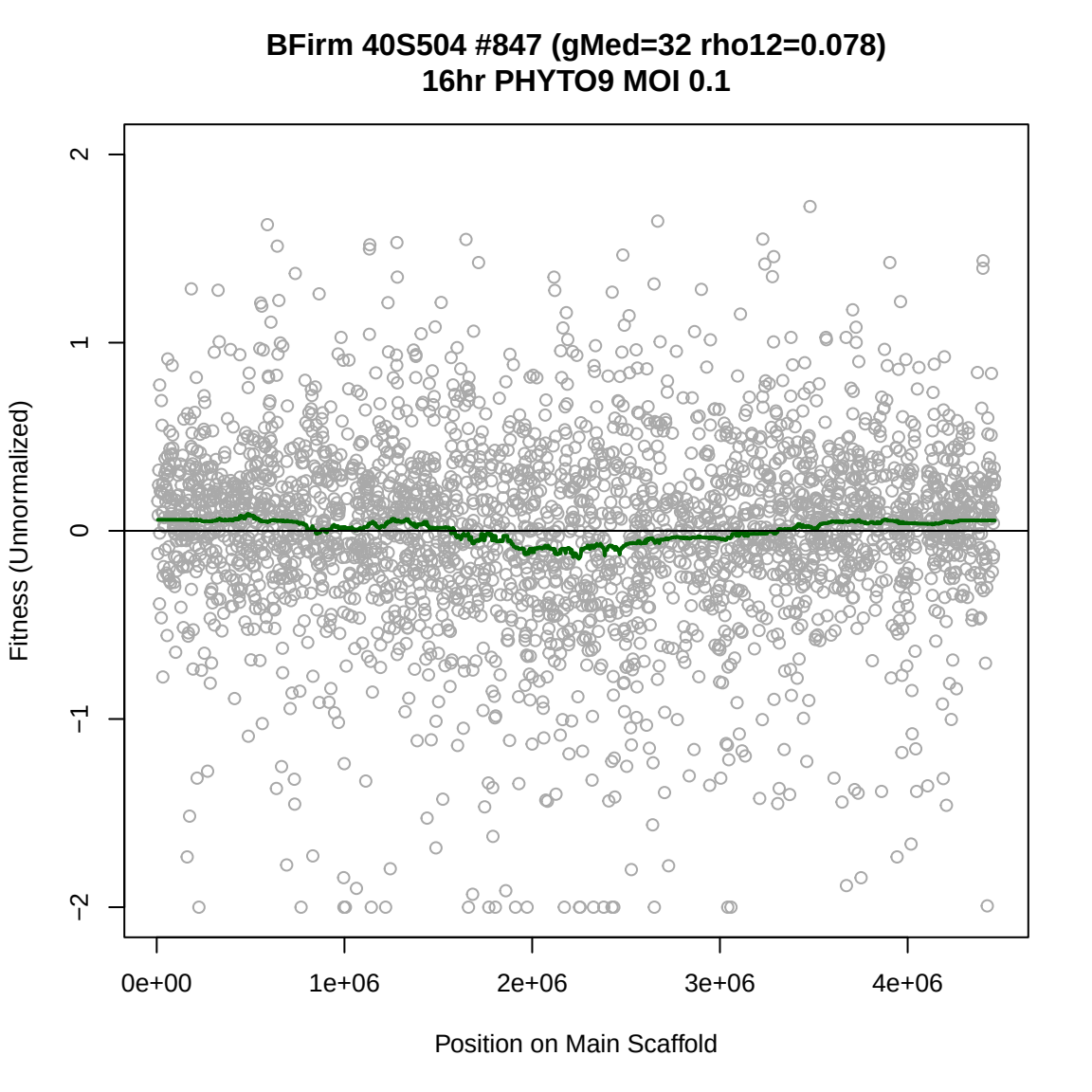

BFirm 40S499 #842 (gMed=30 rho12=0.062)
16hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

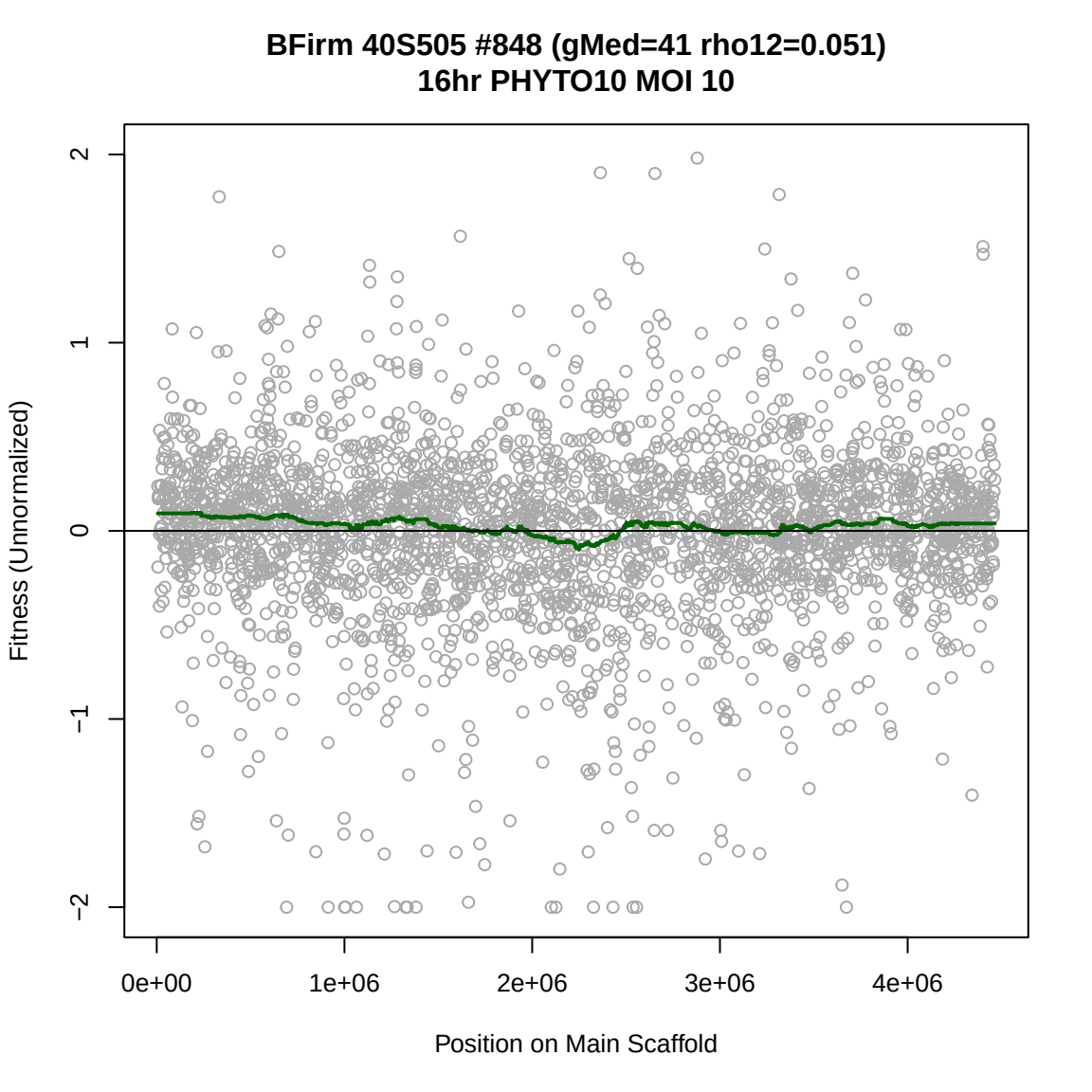

BFirm 40S500 #843 (gMed=34 rho12=0.068)
16hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

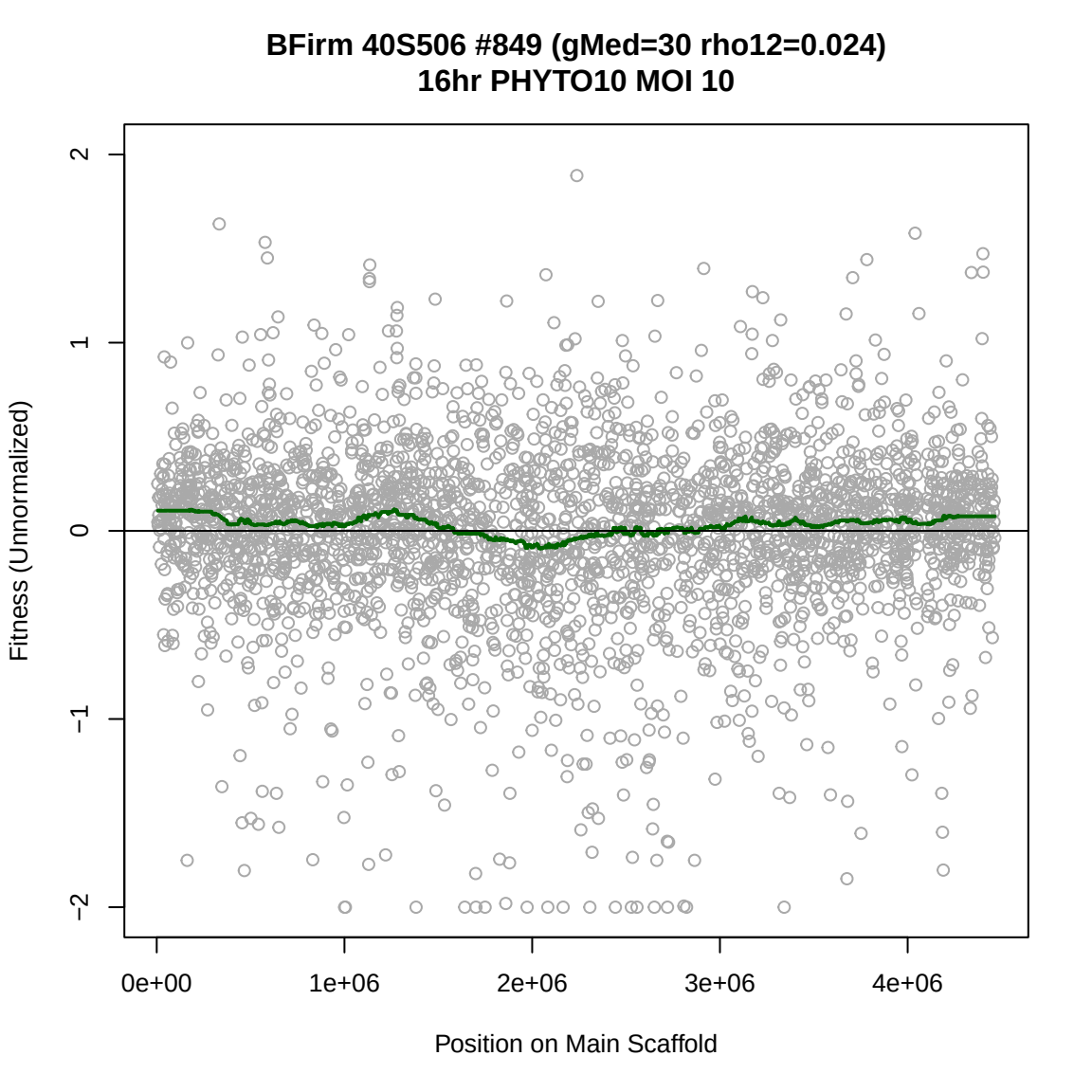

BFirm 40S501 #844 (gMed=21 rho12=0.055)
16hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

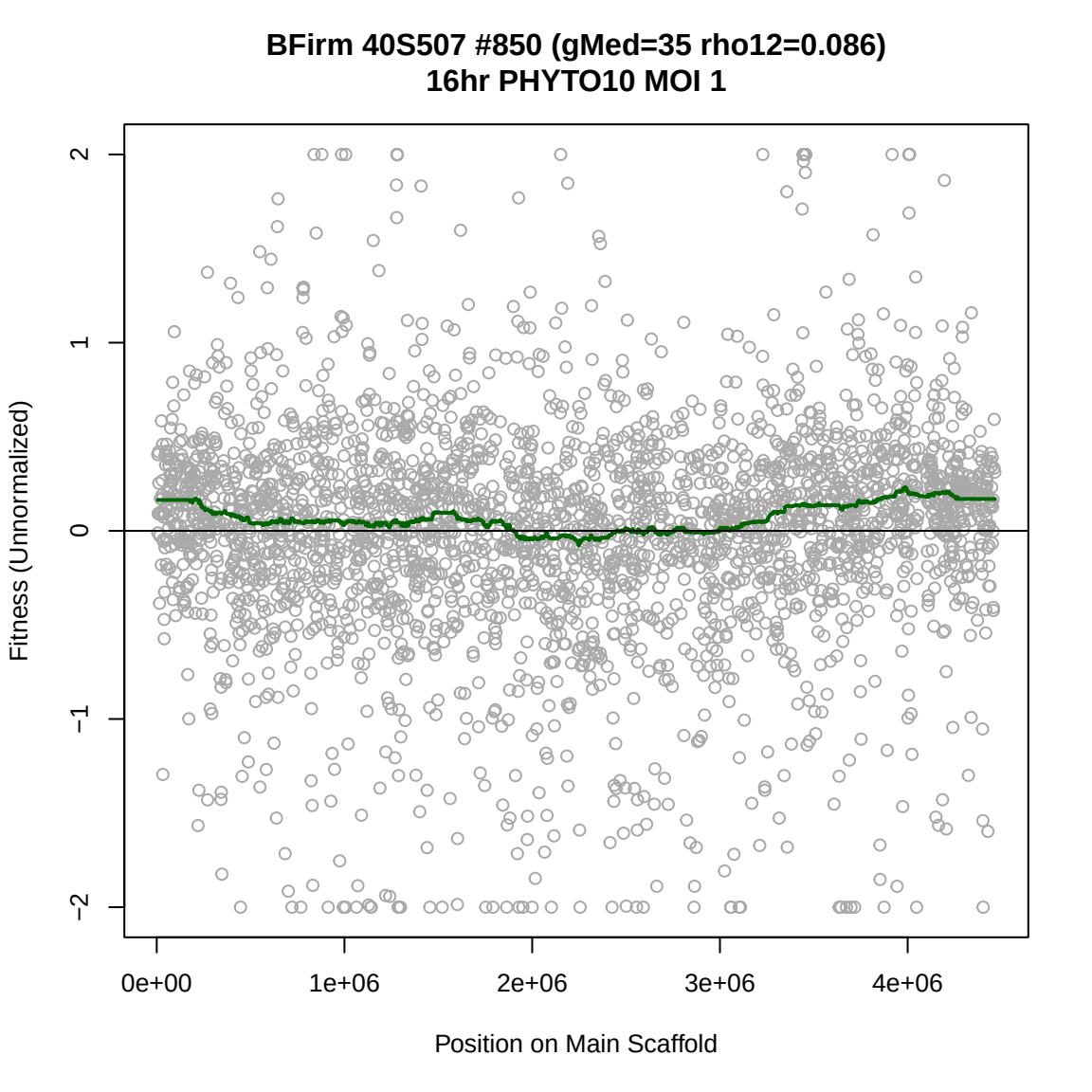

BFirm 40S502 #845 (gMed=22 rho12=0.089)
16hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

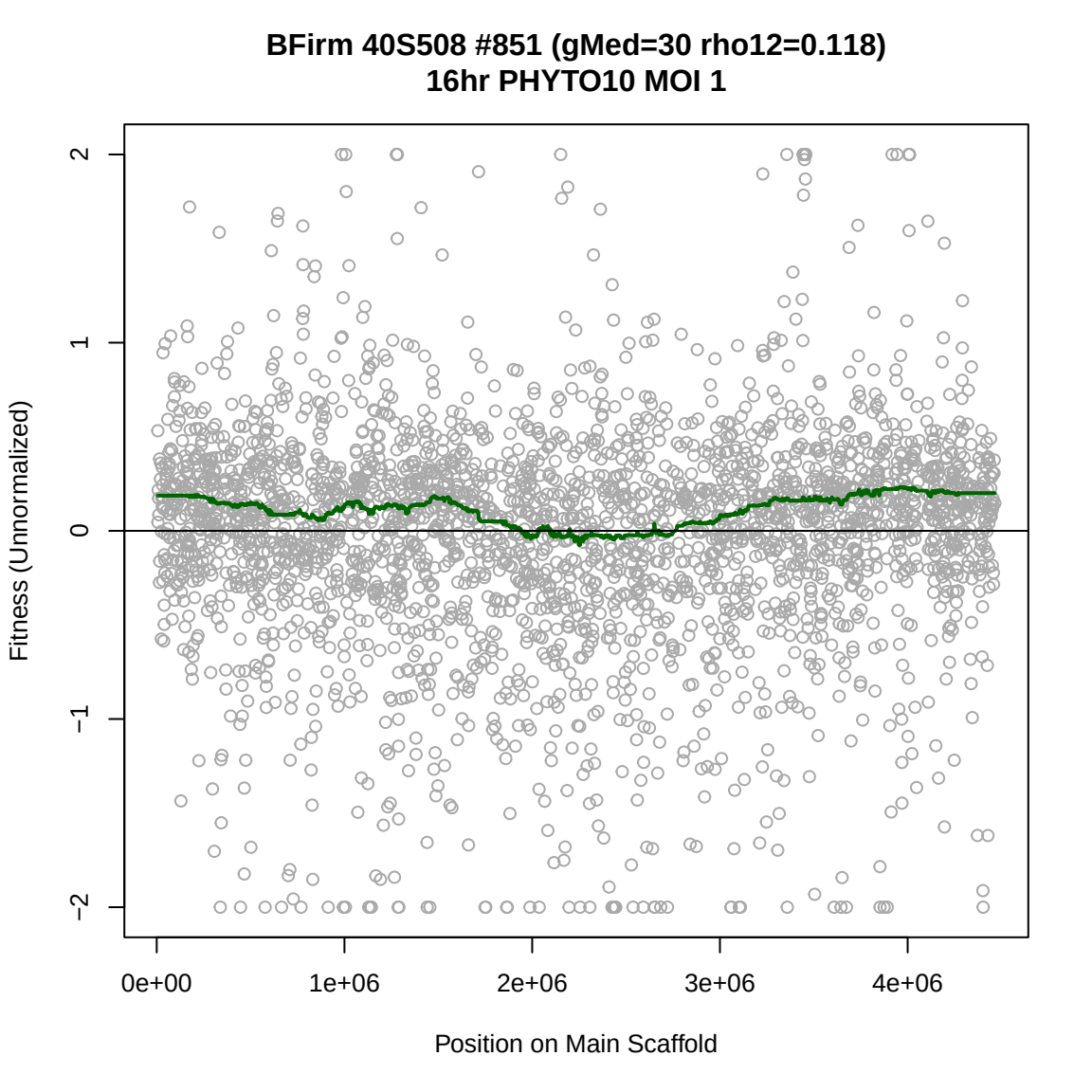

BFirm 40S503 #846 (gMed=26 rho12=0.049)
16hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

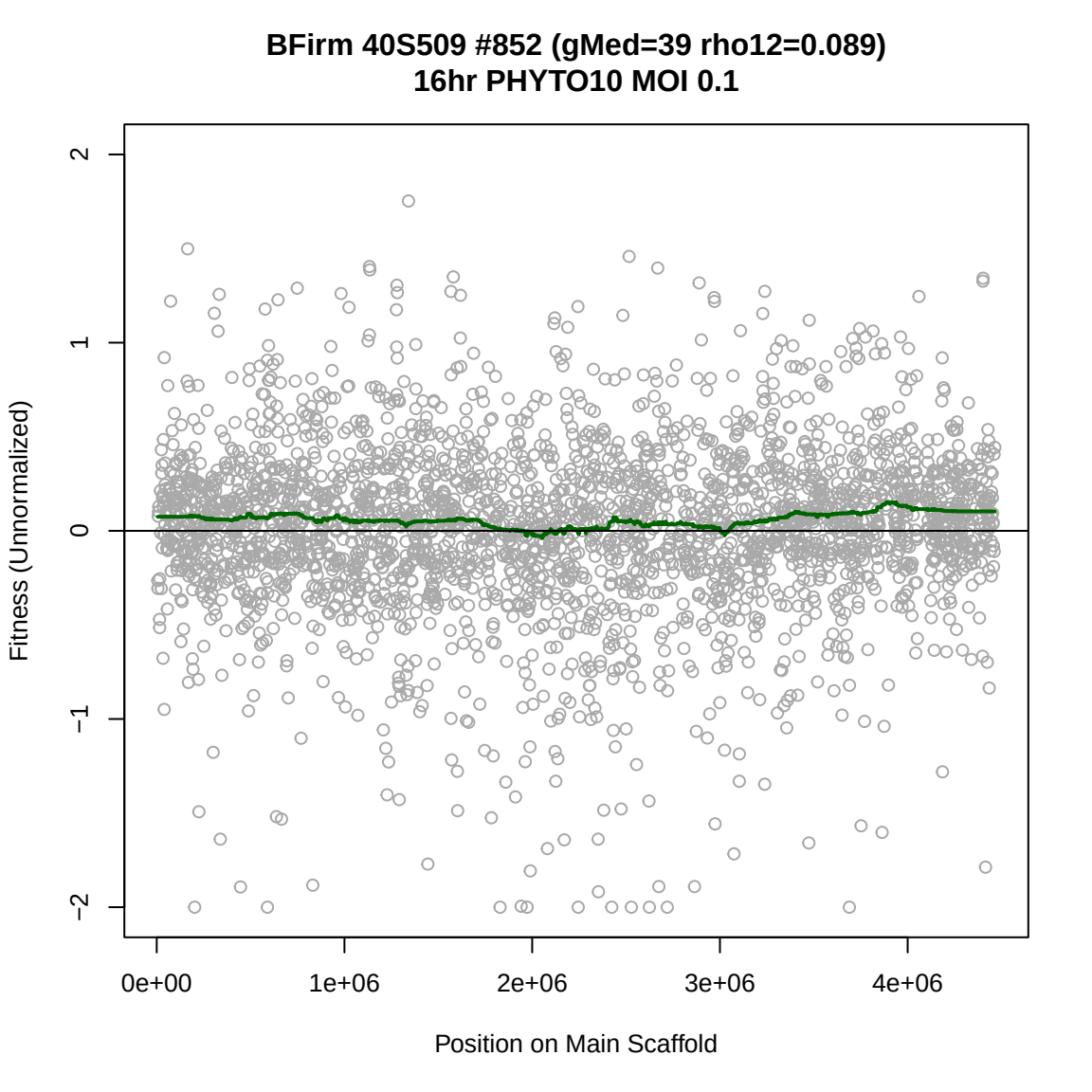

BFirm 40S504 #847 (gMed=32 rho12=0.078)
16hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

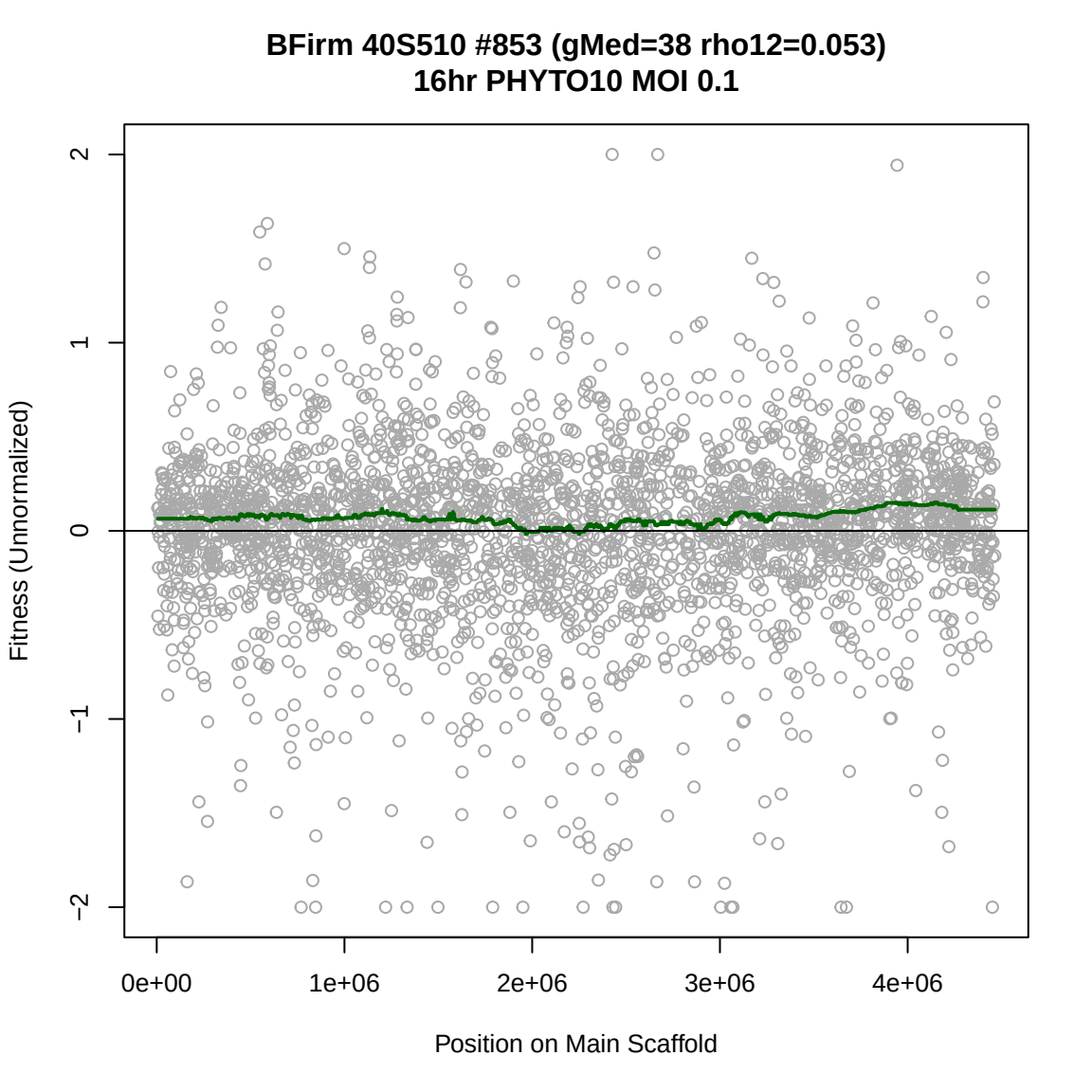

BFirm 40S505 #848 (gMed=41 rho12=0.051)
16hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

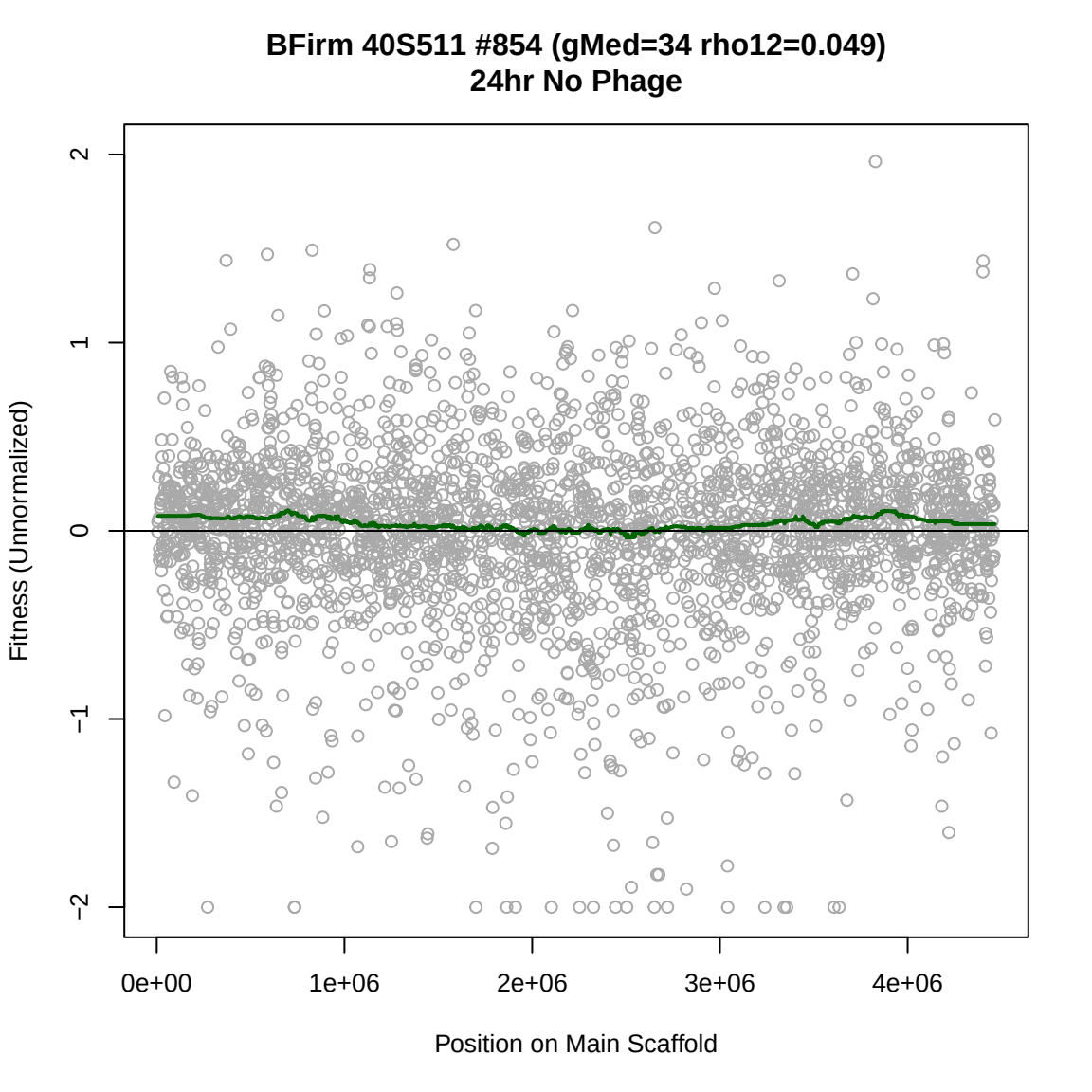

BFirm 40S506 #849 (gMed=30 rho12=0.024)
16hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

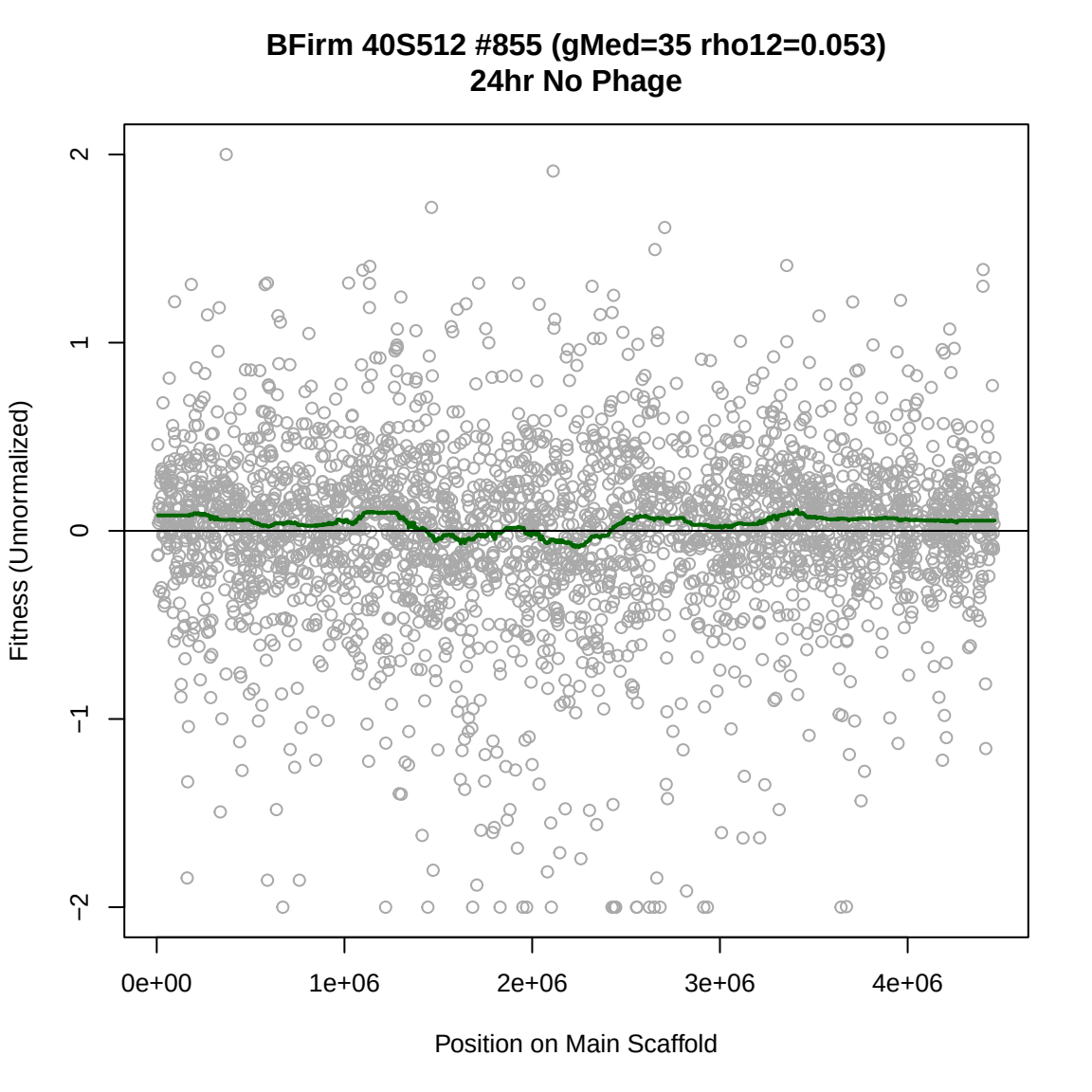

BFirm 40S507 #850 (gMed=35 rho12=0.086)
16hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

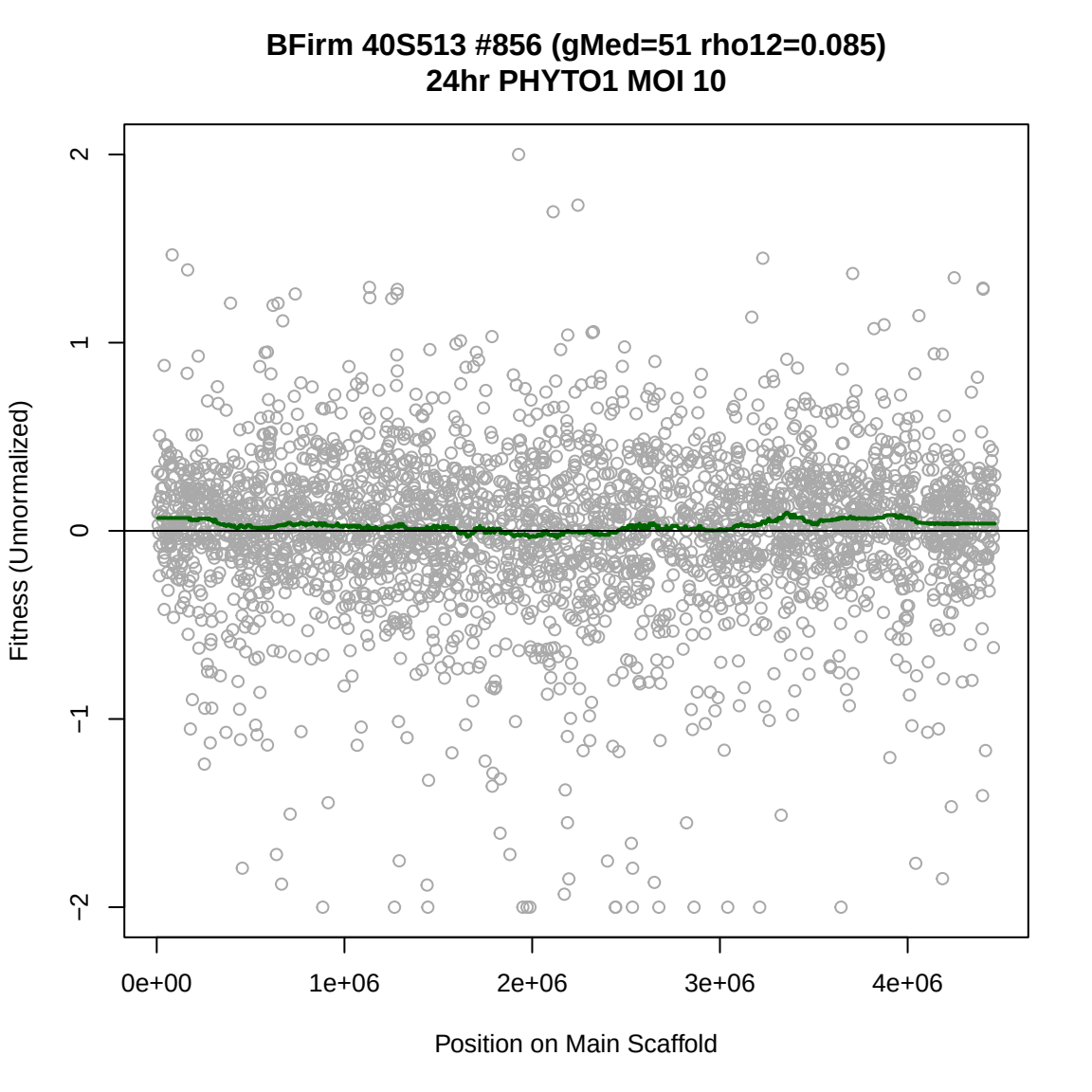

BFirm 40S508 #851 (gMed=30 rho12=0.118)
16hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

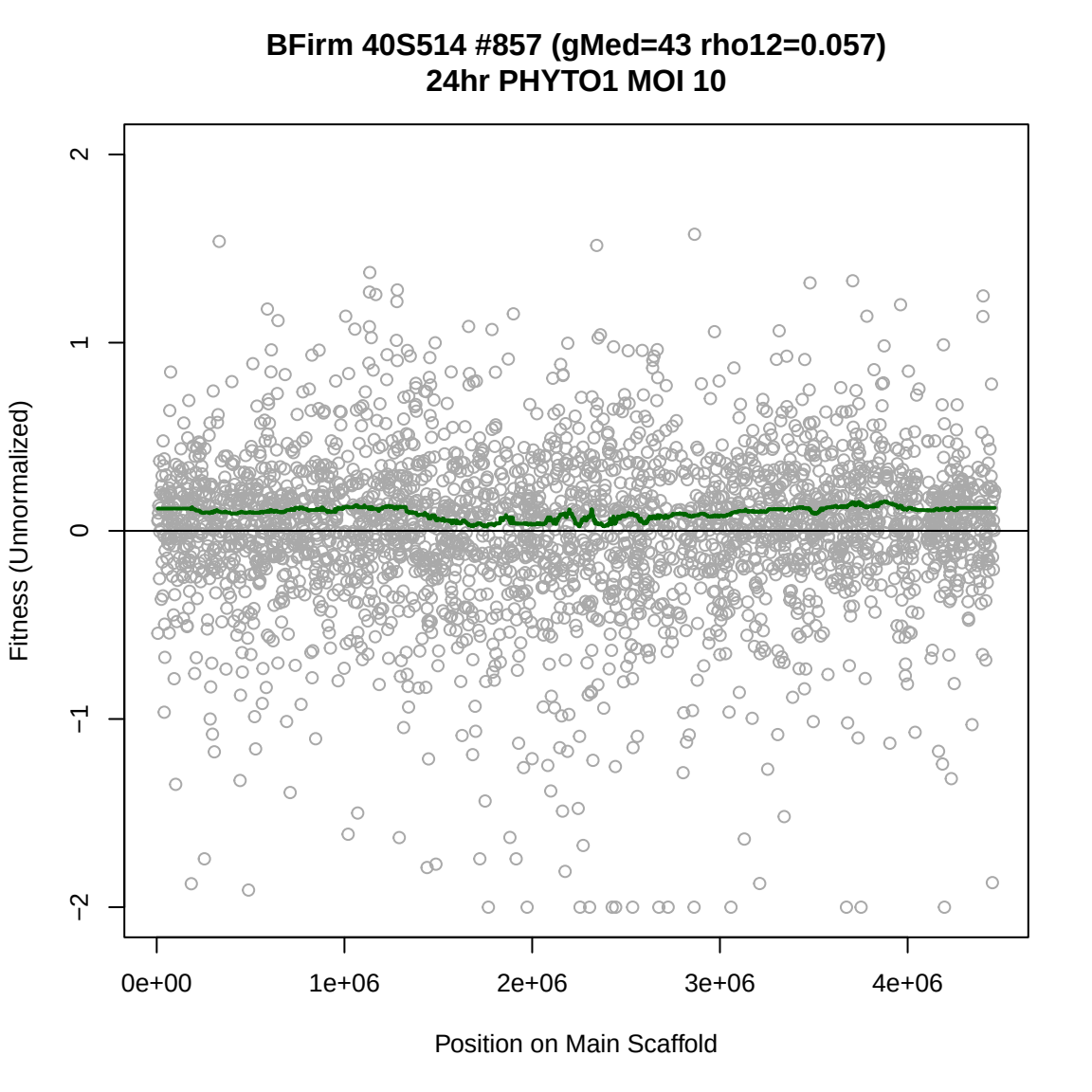

BFirm 40S509 #852 (gMed=39 rho12=0.089)
16hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

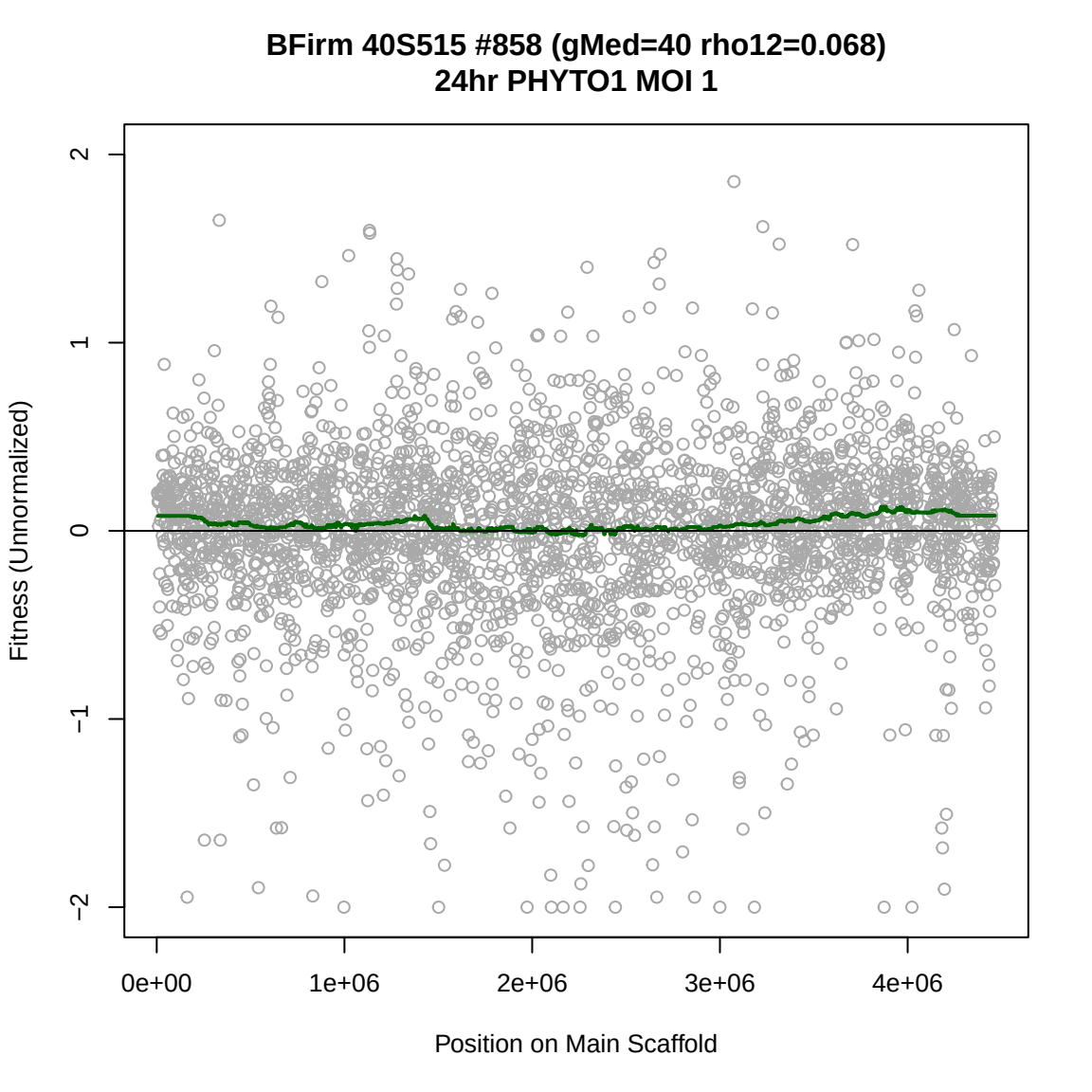

BFirm 40S510 #853 (gMed=38 rho12=0.053)
16hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

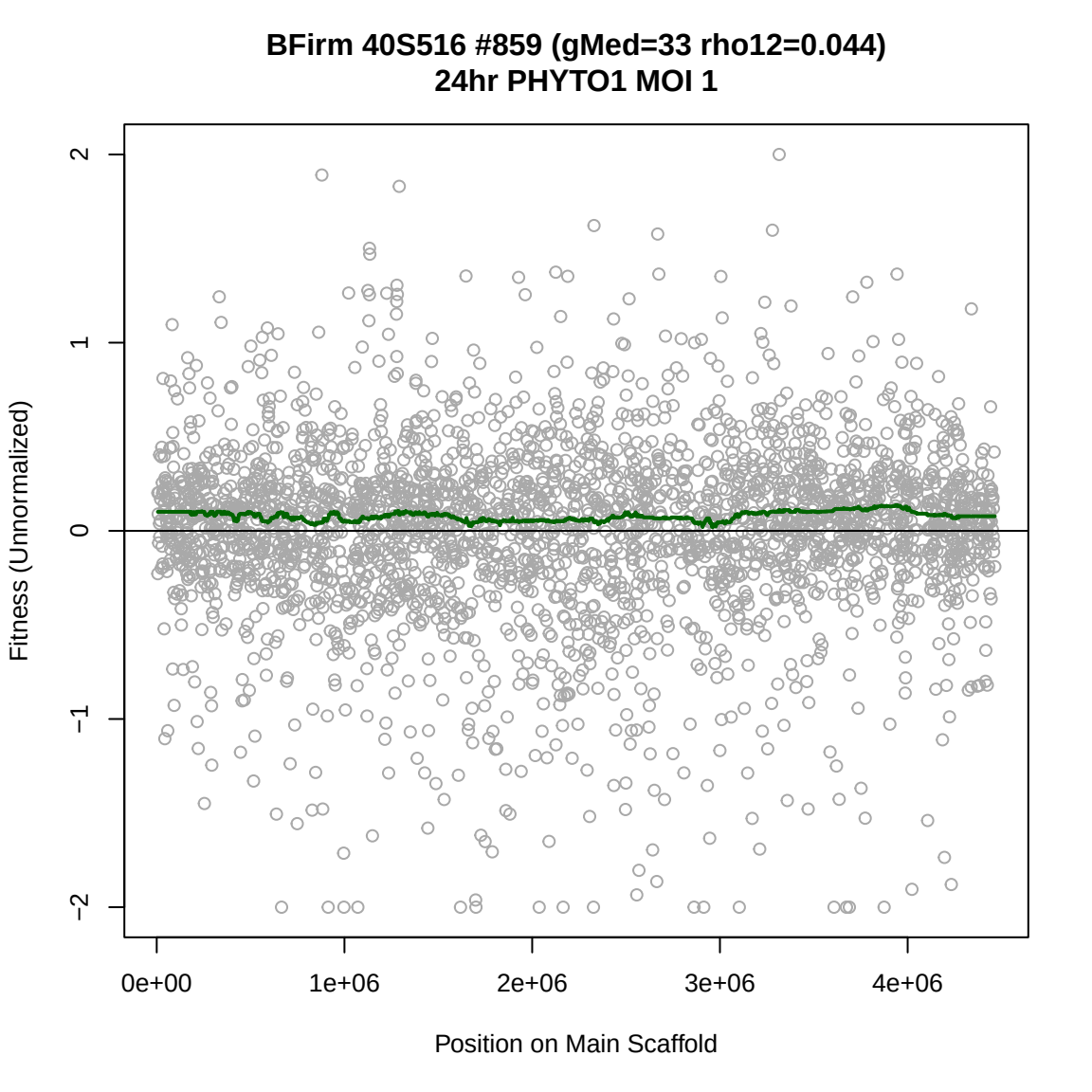

BFirm 40S511 #854 (gMed=34 rho12=0.049)
24hr No Phage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

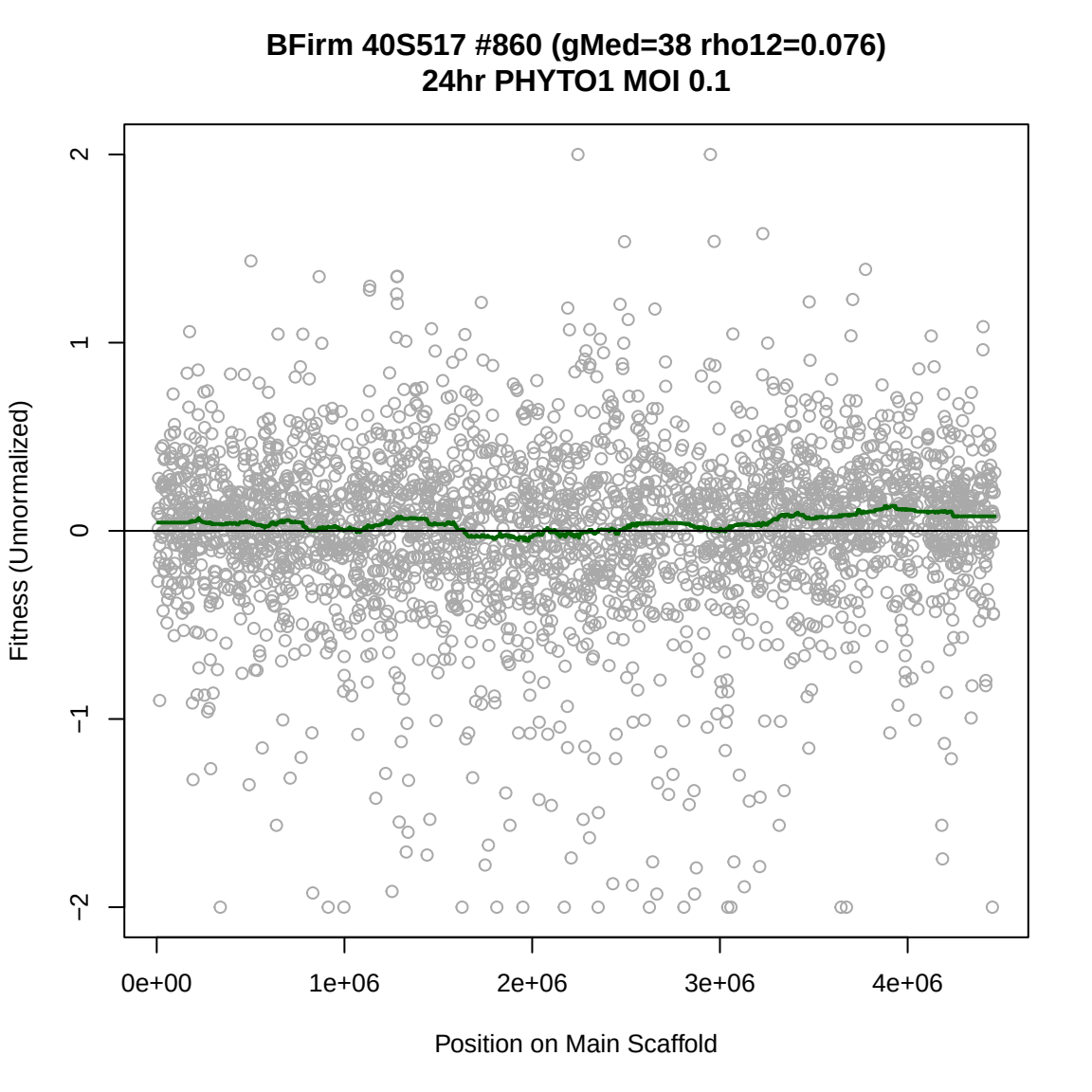

BFirm 40S512 #855 (gMed=35 rho12=0.053)
24hr No Phage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

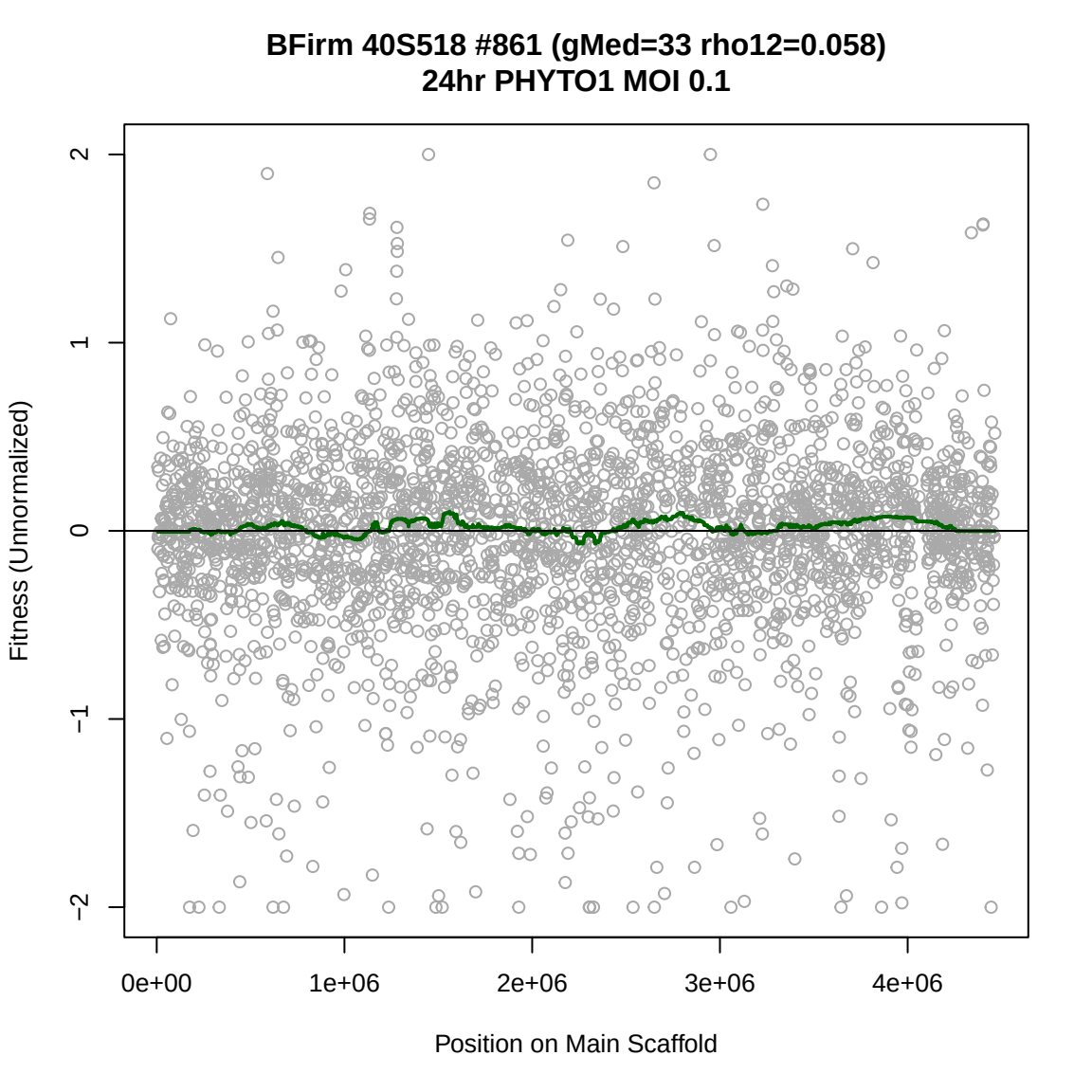

BFirm 40S513 #856 (gMed=51 rho12=0.085)
24hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

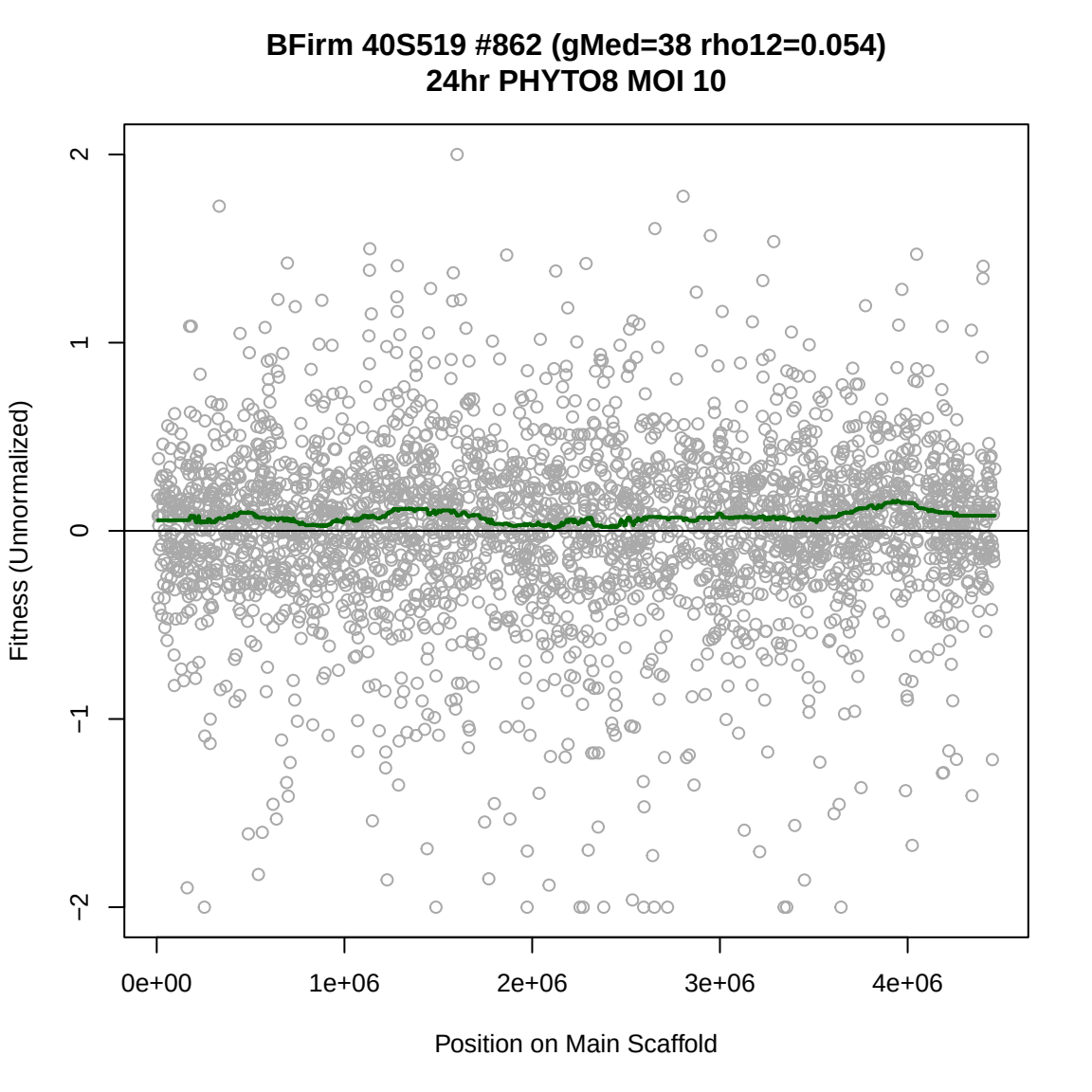

BFirm 40S514 #857 (gMed=43 rho12=0.057)
24hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

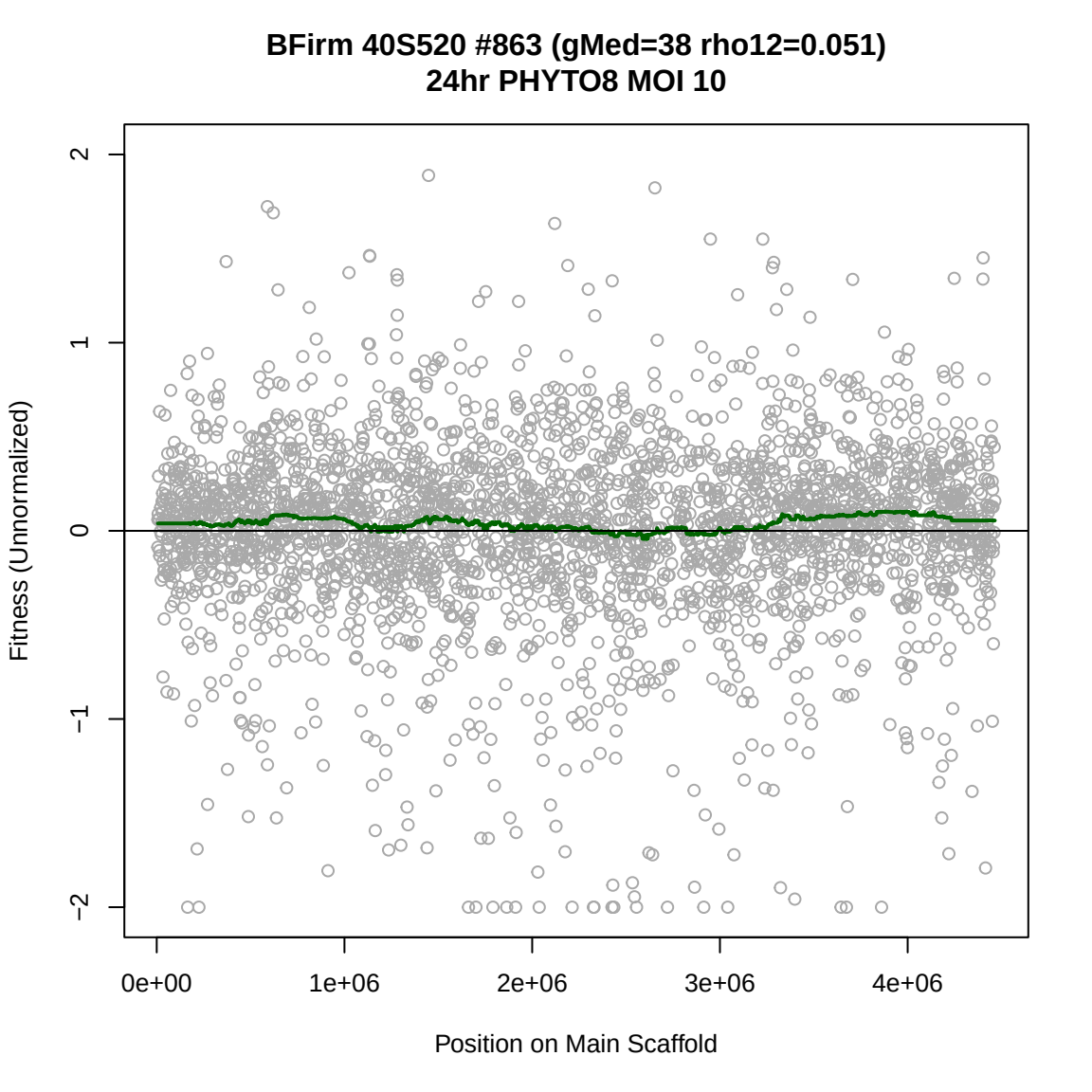

BFirm 40S515 #858 (gMed=40 rho12=0.068)
24hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

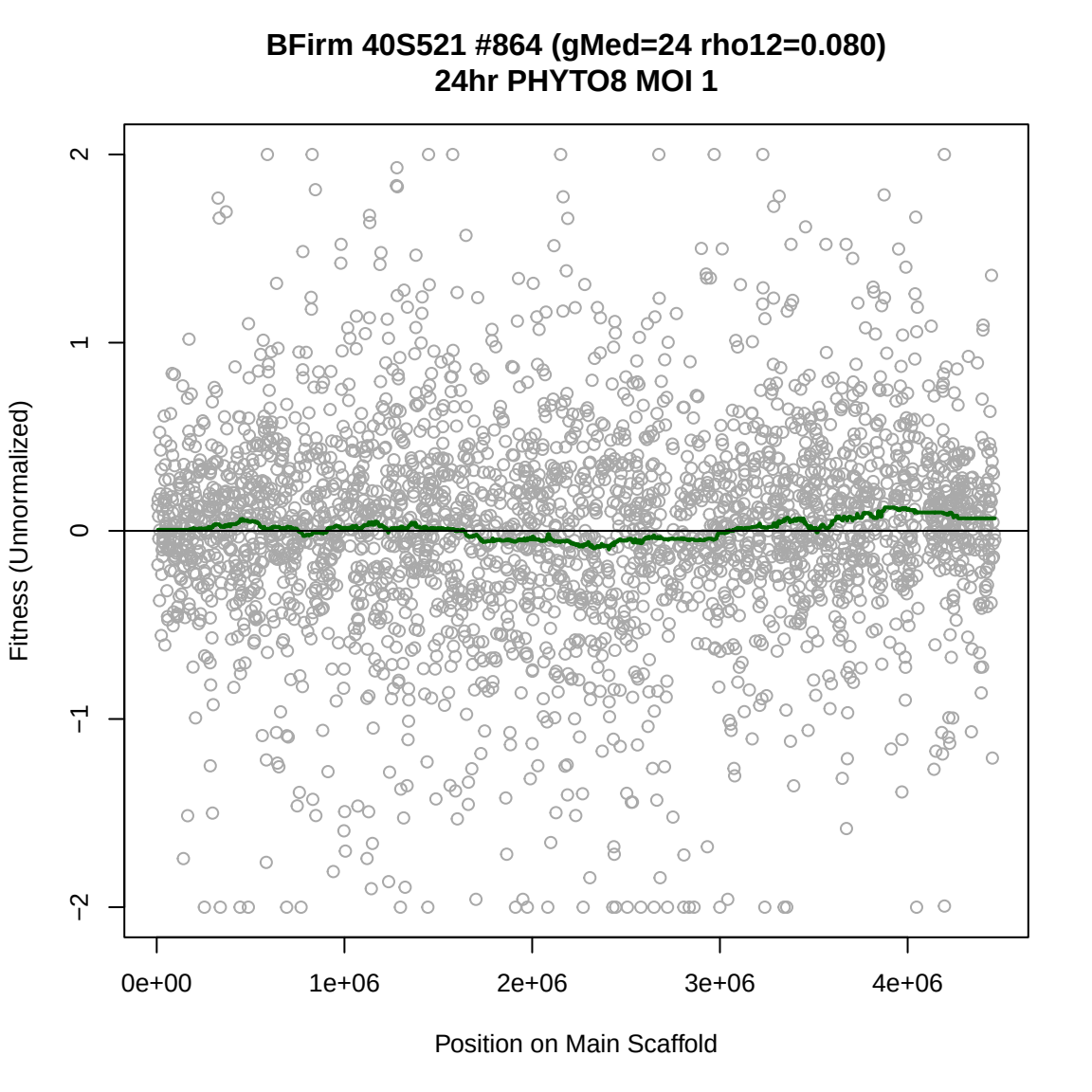

BFirm 40S516 #859 (gMed=33 rho12=0.044)
24hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

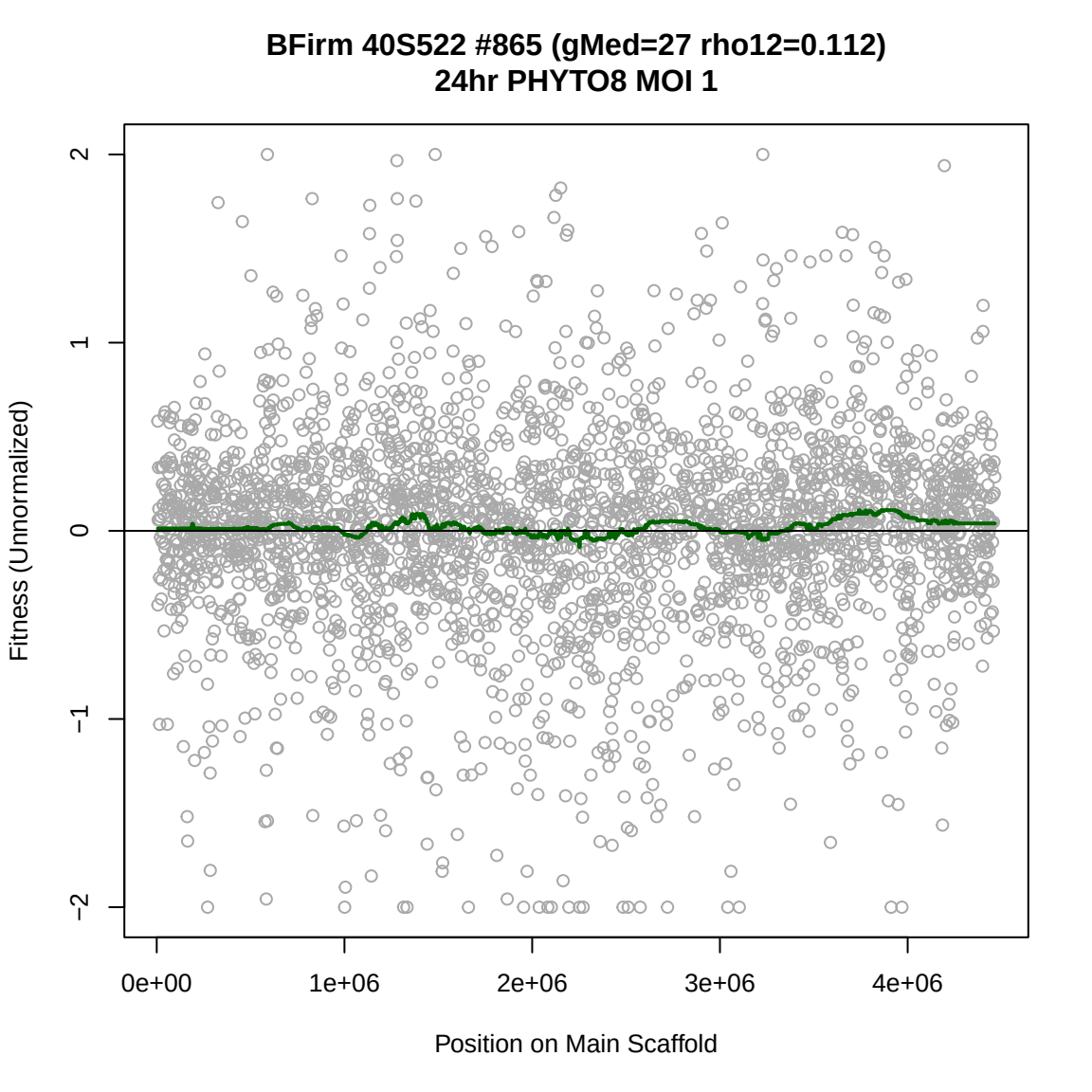

BFirm 40S517 #860 (gMed=38 rho12=0.076)
24hr PHYTO1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

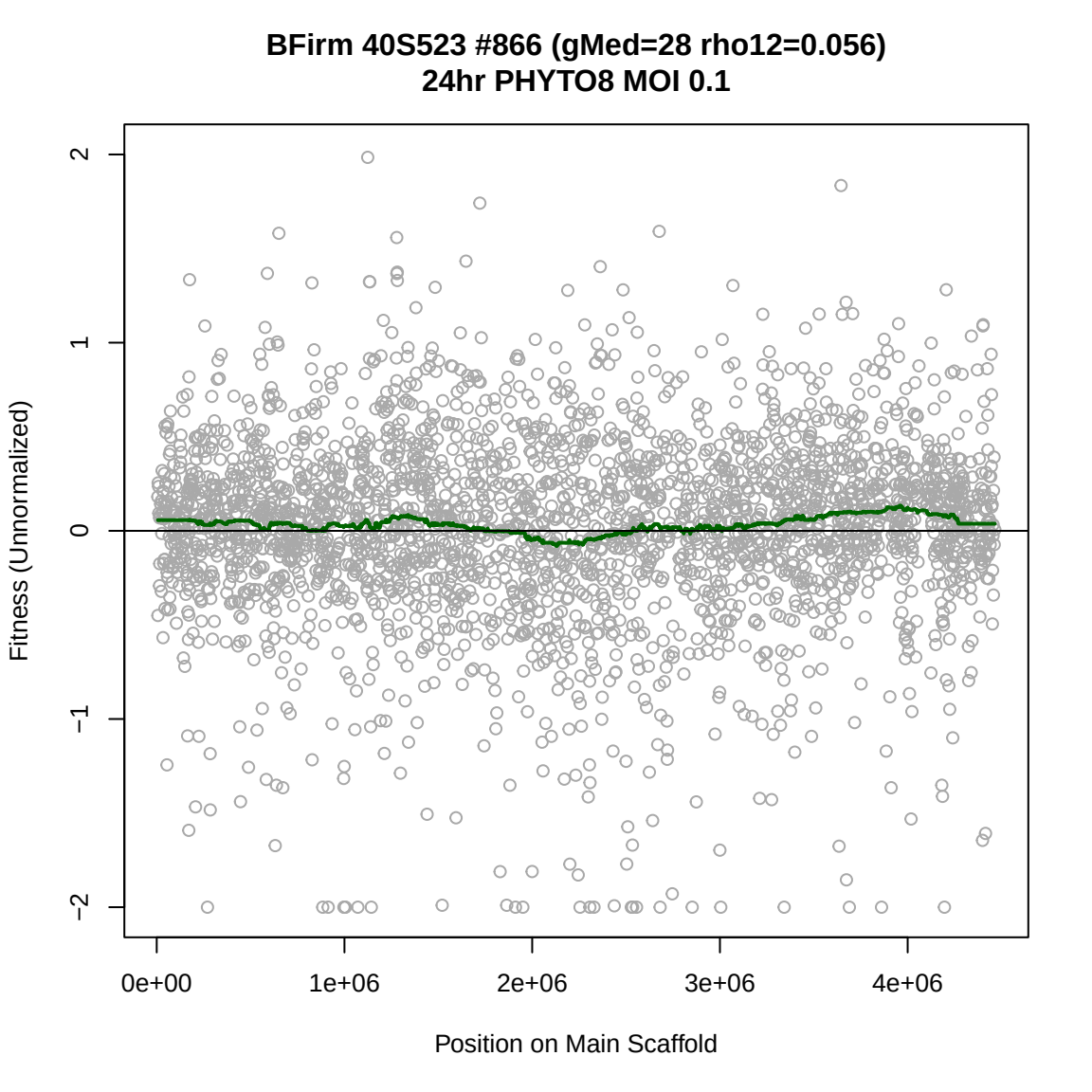

BFirm 40S518 #861 (gMed=33 rho12=0.058)
24hr PHYTO1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

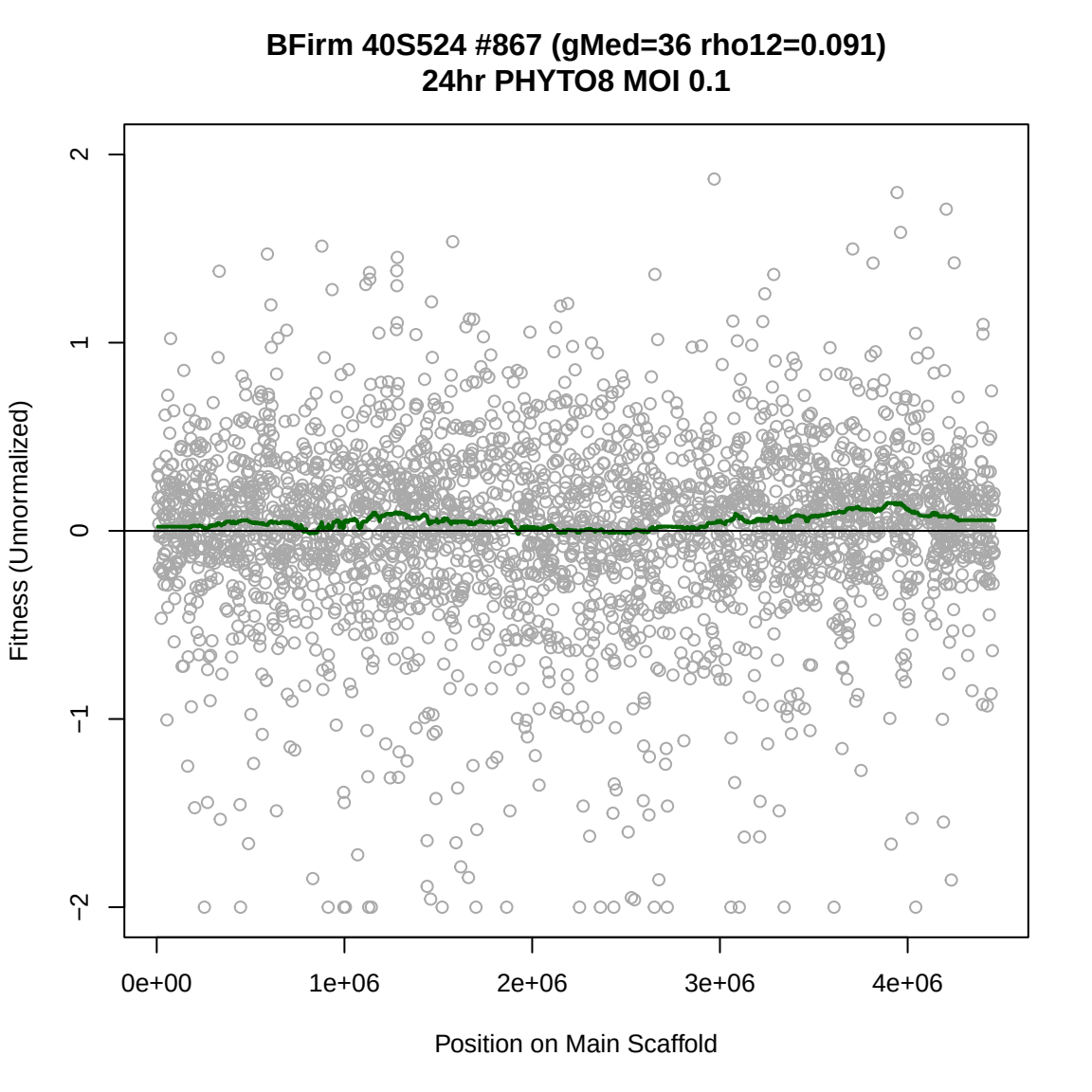

BFirm 40S519 #862 (gMed=38 rho12=0.054)
24hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

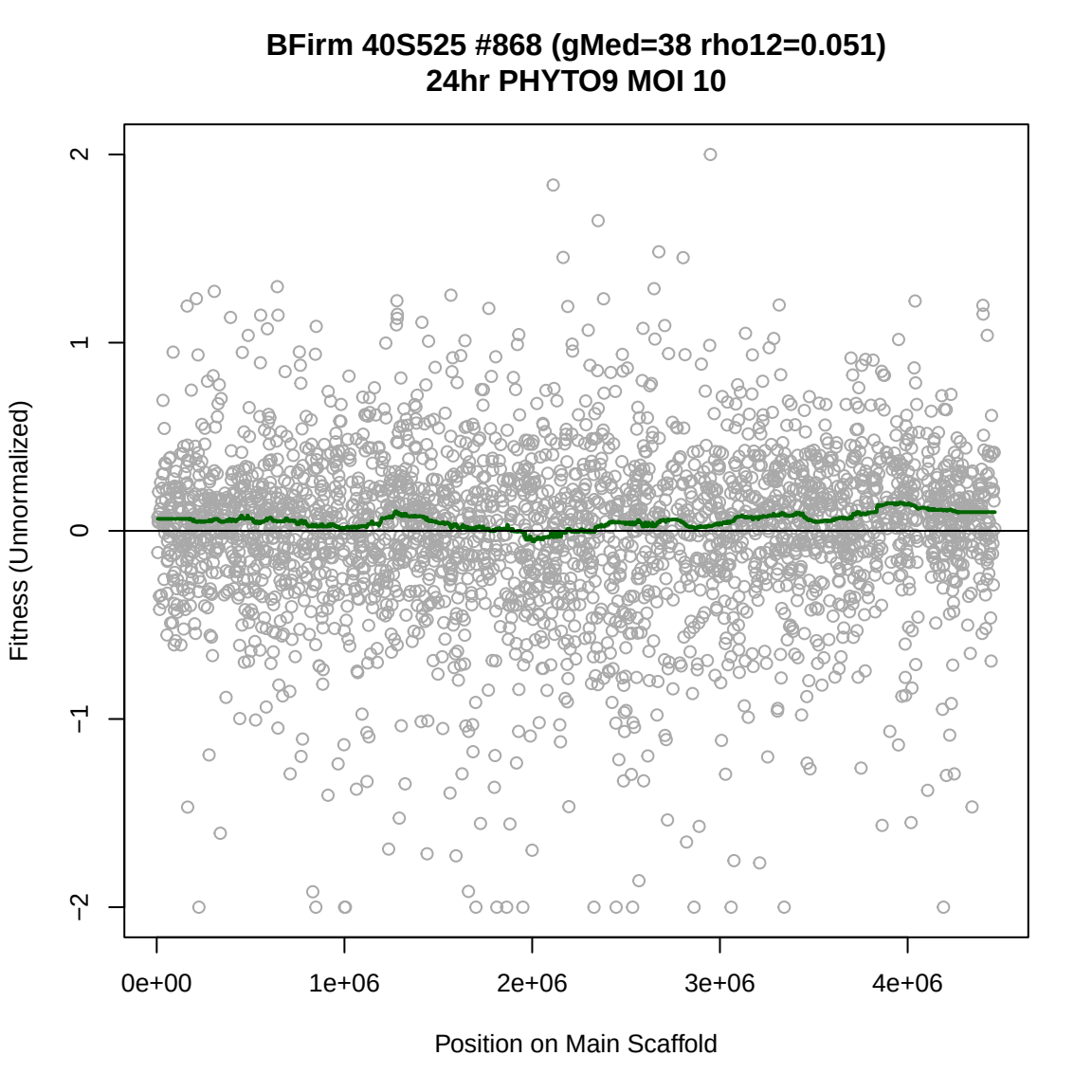

BFirm 40S520 #863 (gMed=38 rho12=0.051)
24hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

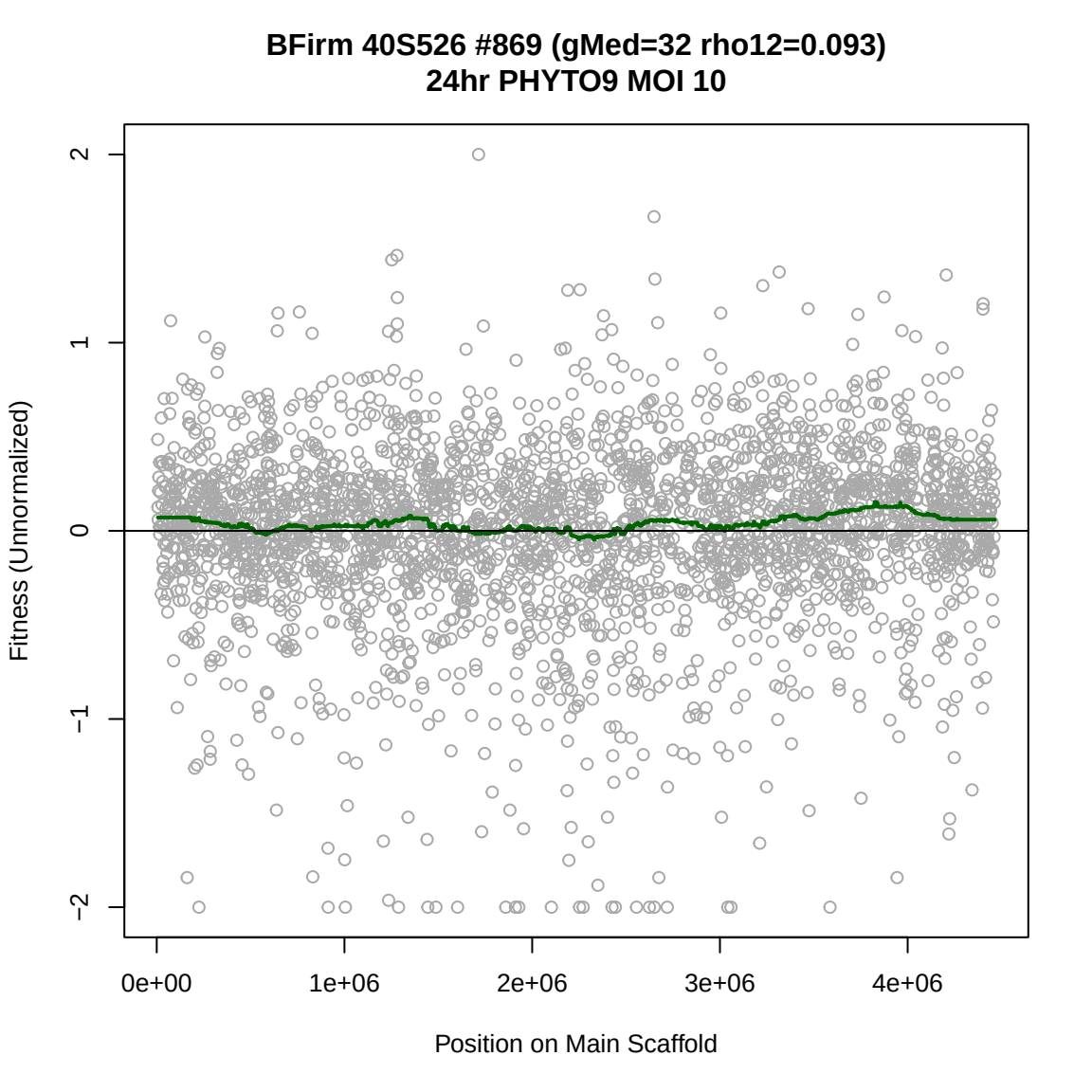

BFirm 40S521 #864 (gMed=24 rho12=0.080)
24hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

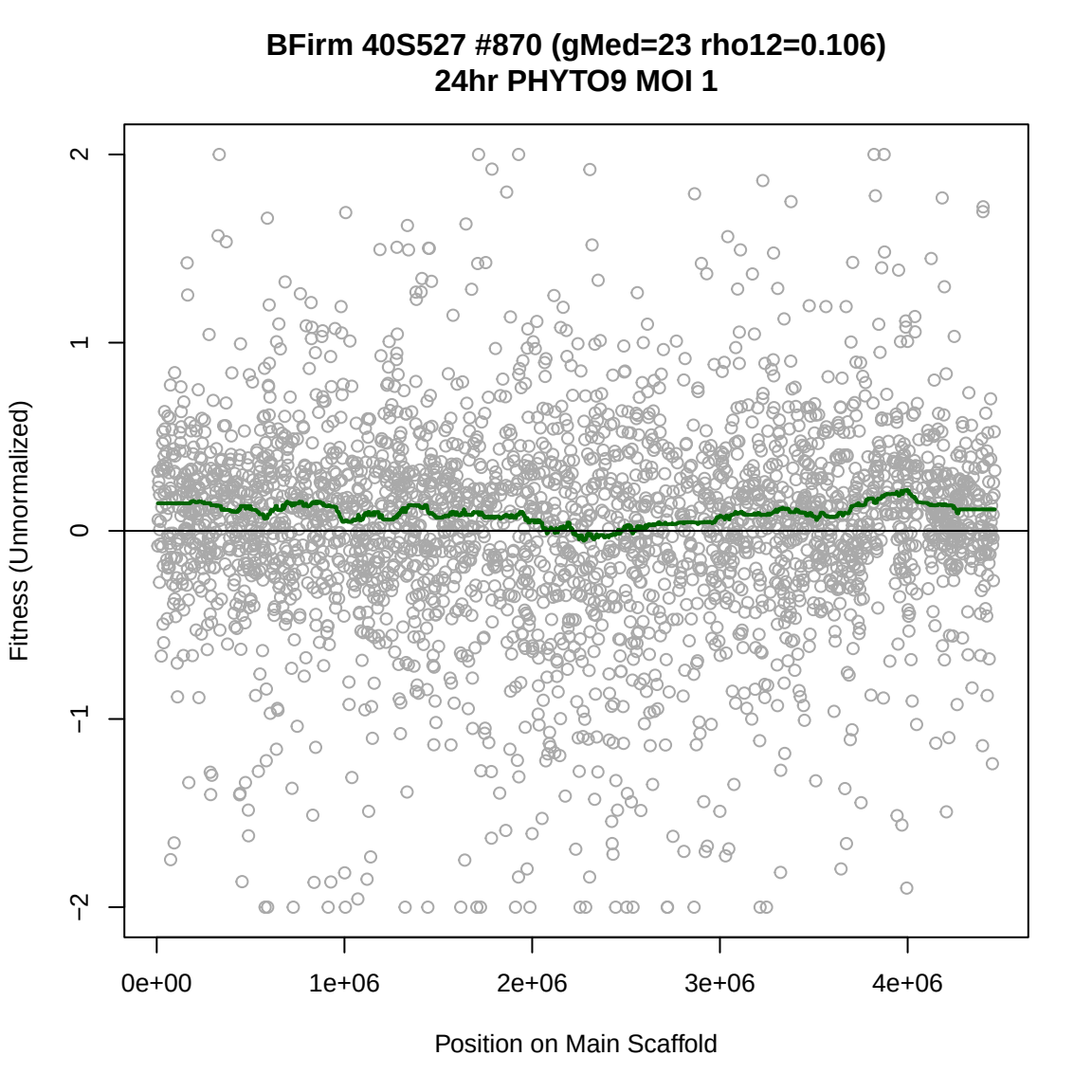

BFirm 40S522 #865 (gMed=27 rho12=0.112)
24hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

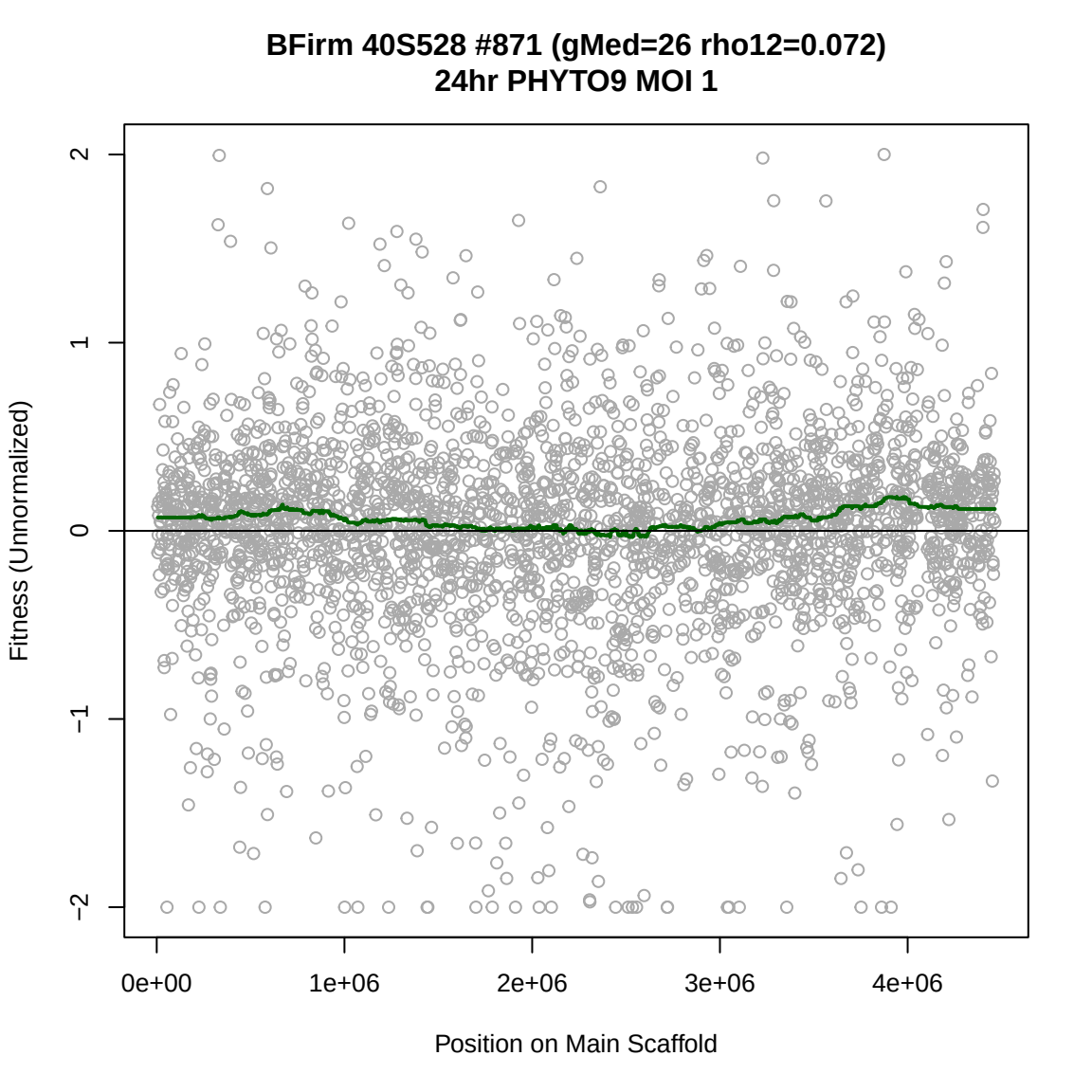

BFirm 40S523 #866 (gMed=28 rho12=0.056)
24hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

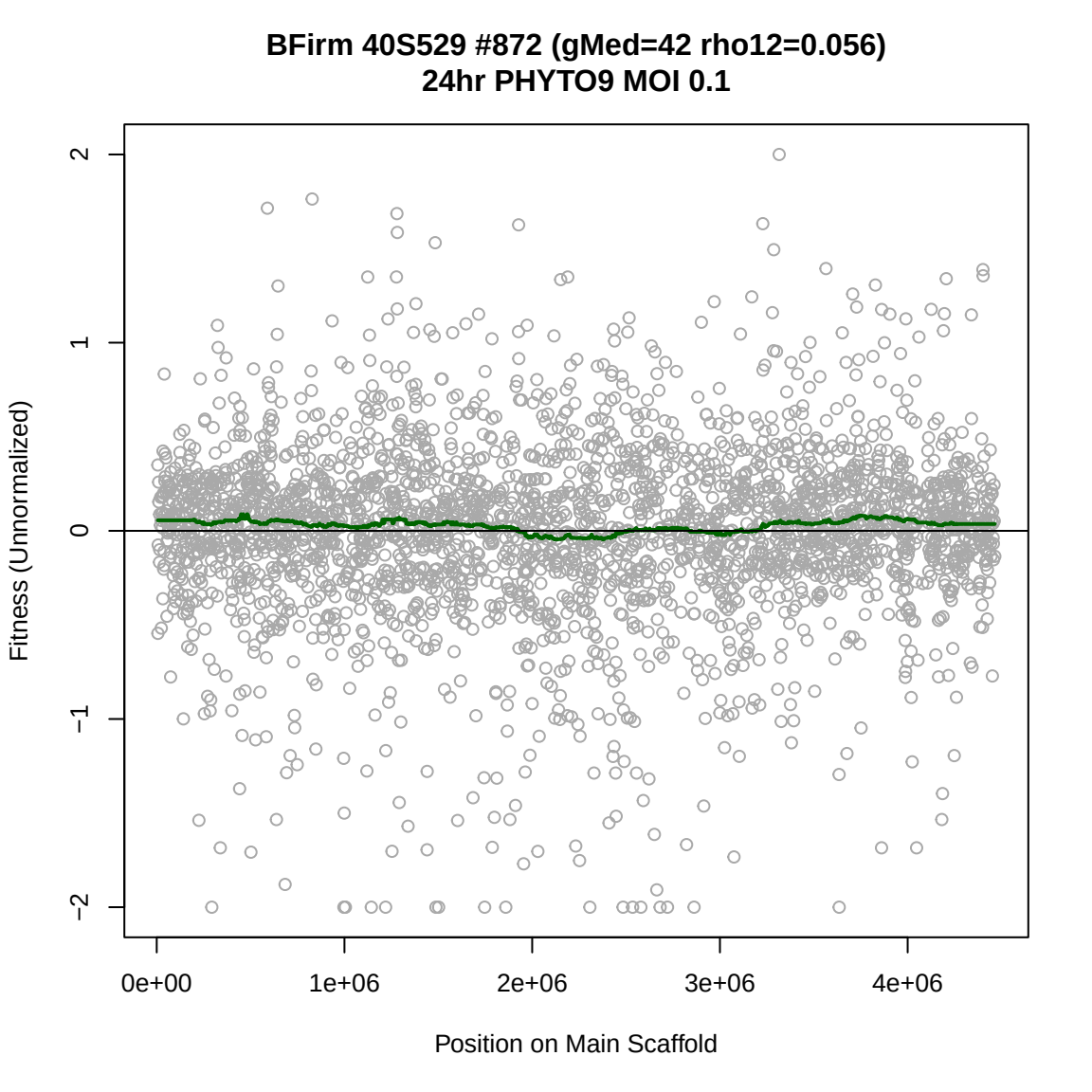

BFirm 40S524 #867 (gMed=36 rho12=0.091)
24hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

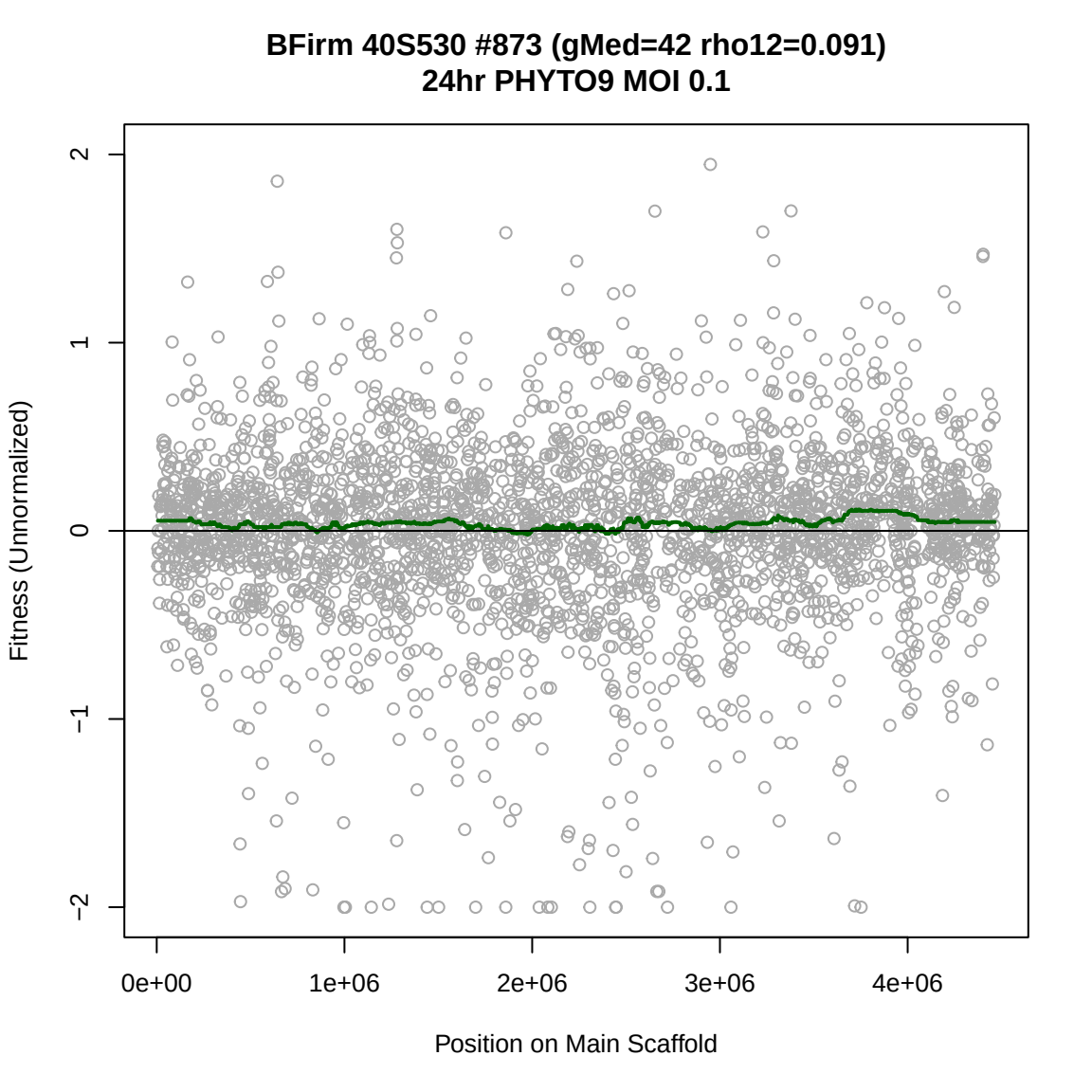

BFirm 40S525 #868 (gMed=38 rho12=0.051)
24hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

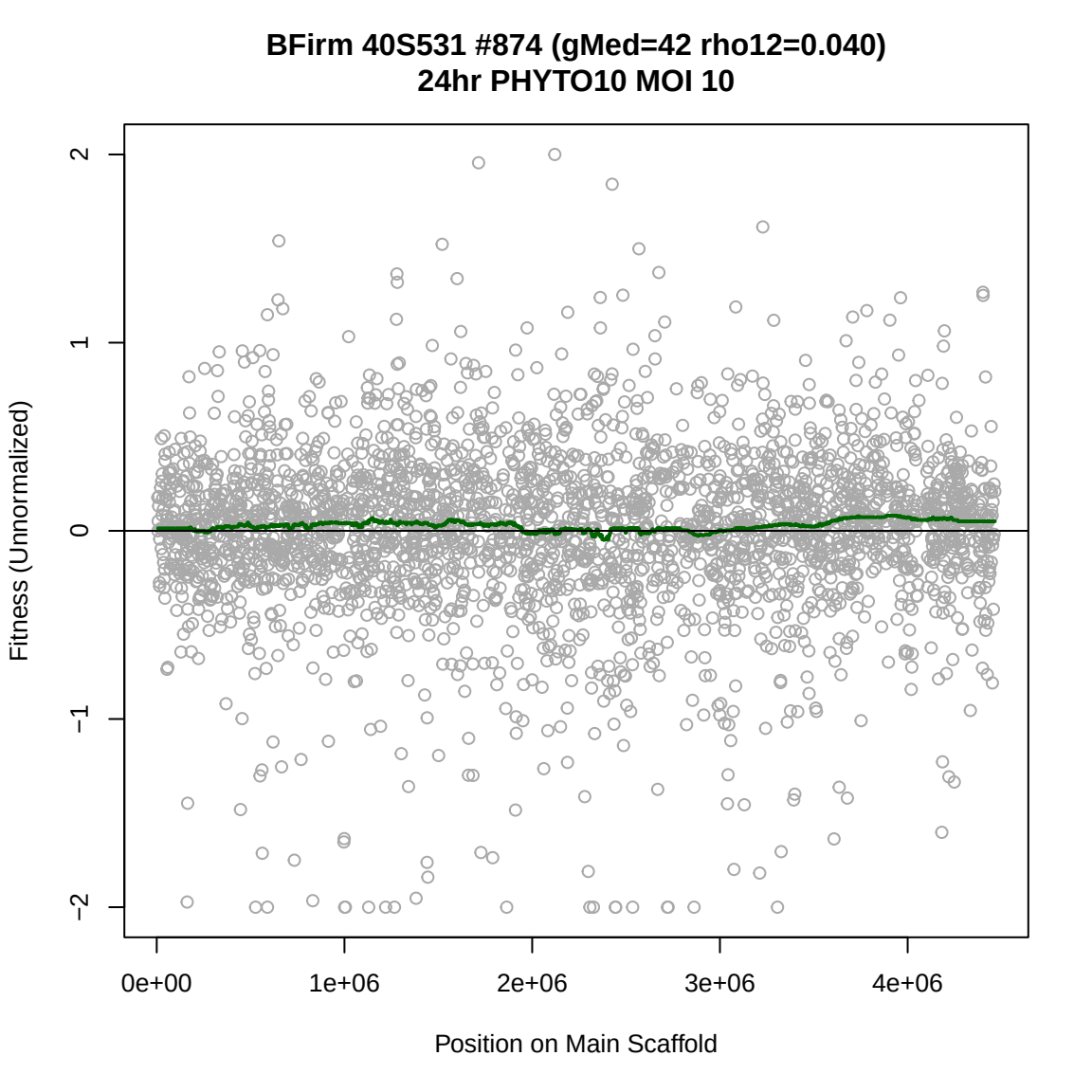

BFirm 40S526 #869 (gMed=32 rho12=0.093)
24hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

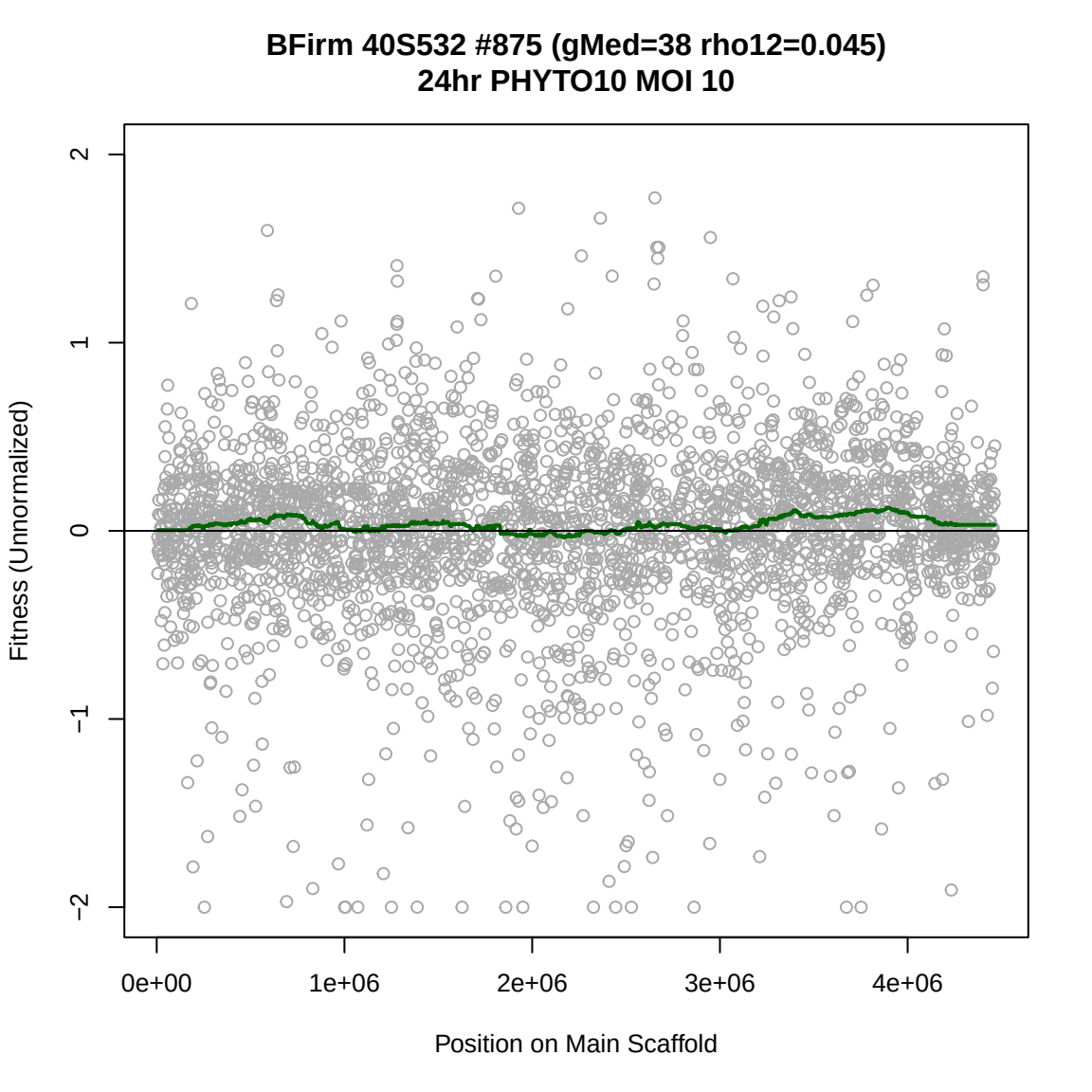

BFirm 40S527 #870 (gMed=23 rho12=0.106)
24hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

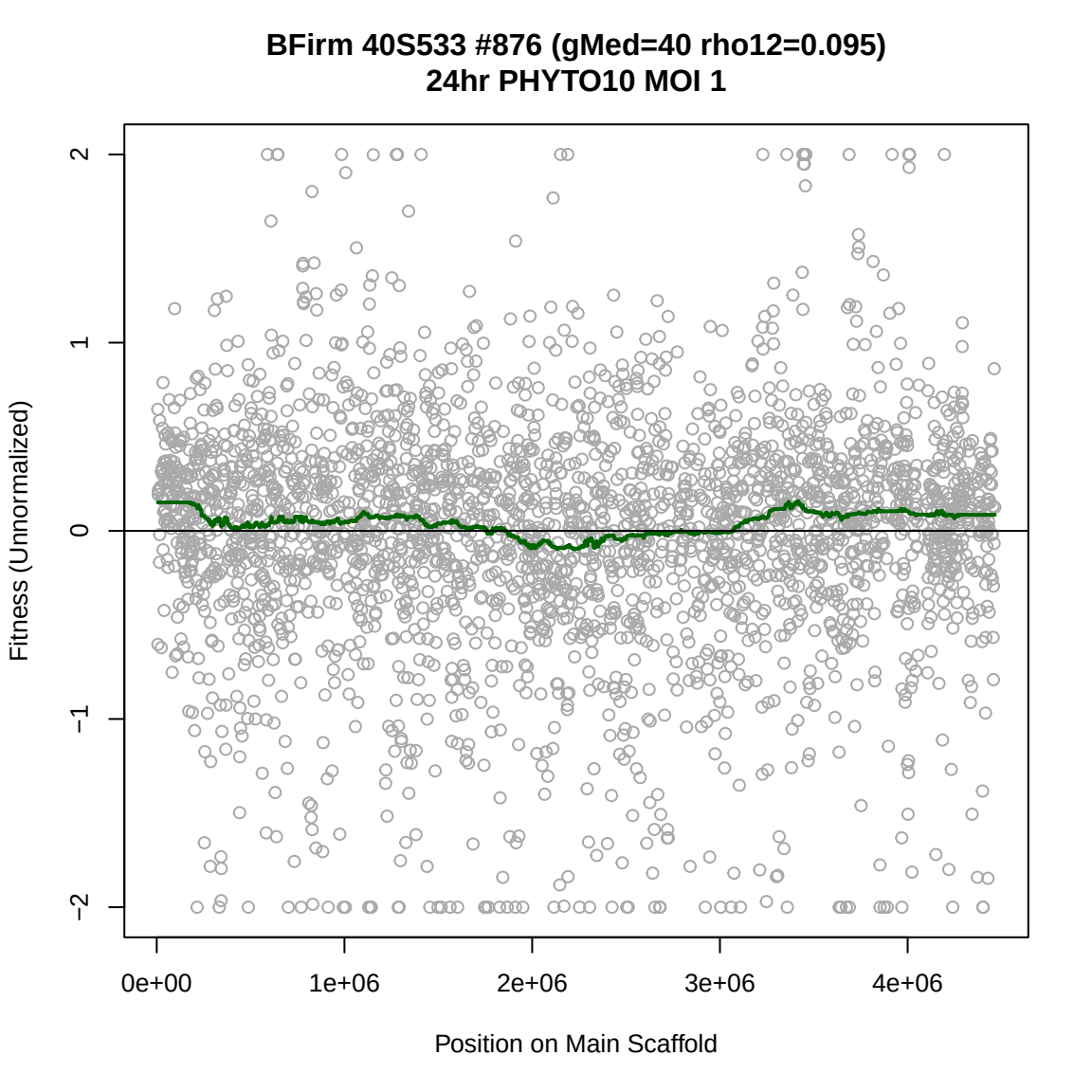

BFirm 40S528 #871 (gMed=26 rho12=0.072)
24hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

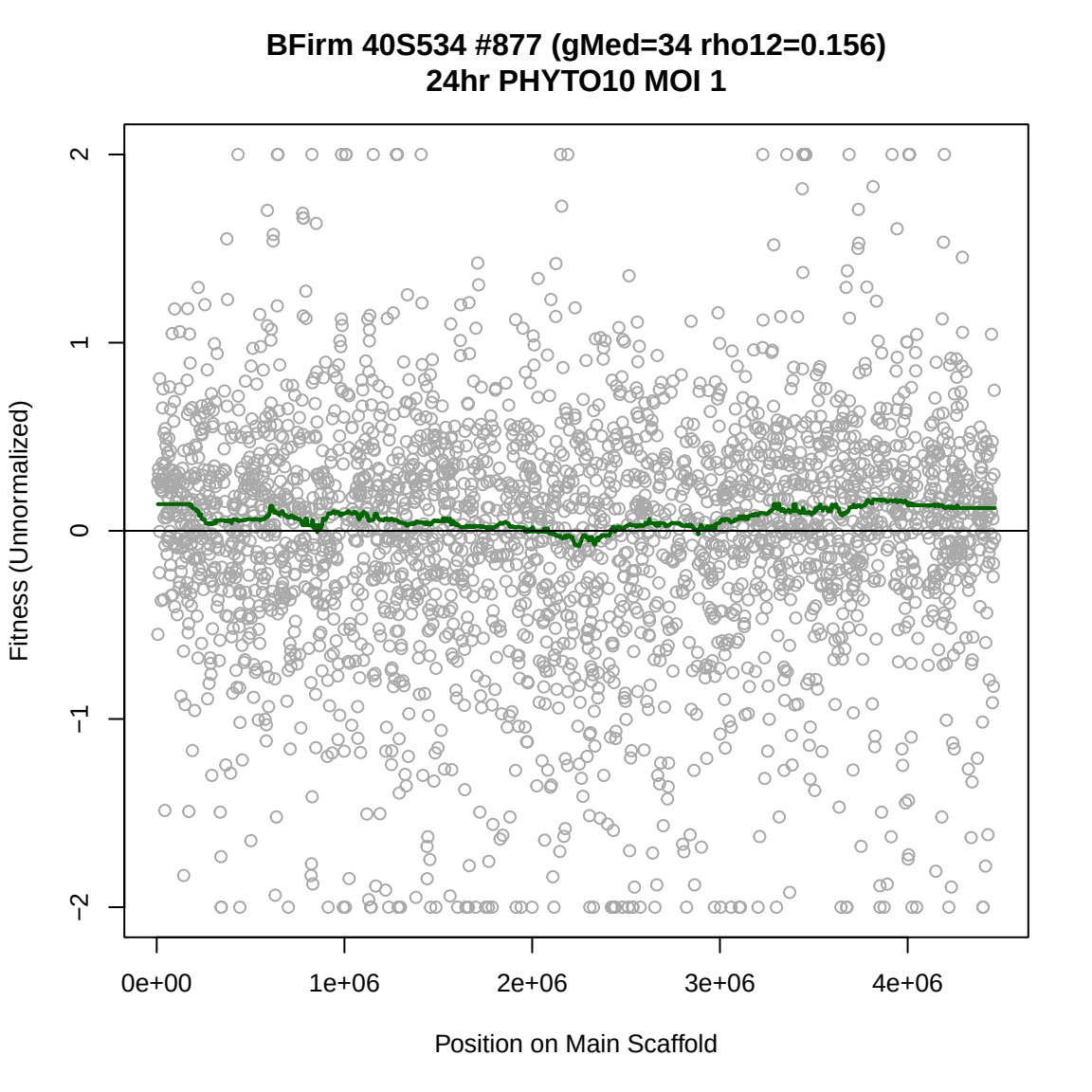

BFirm 40S529 #872 (gMed=42 rho12=0.056)
24hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

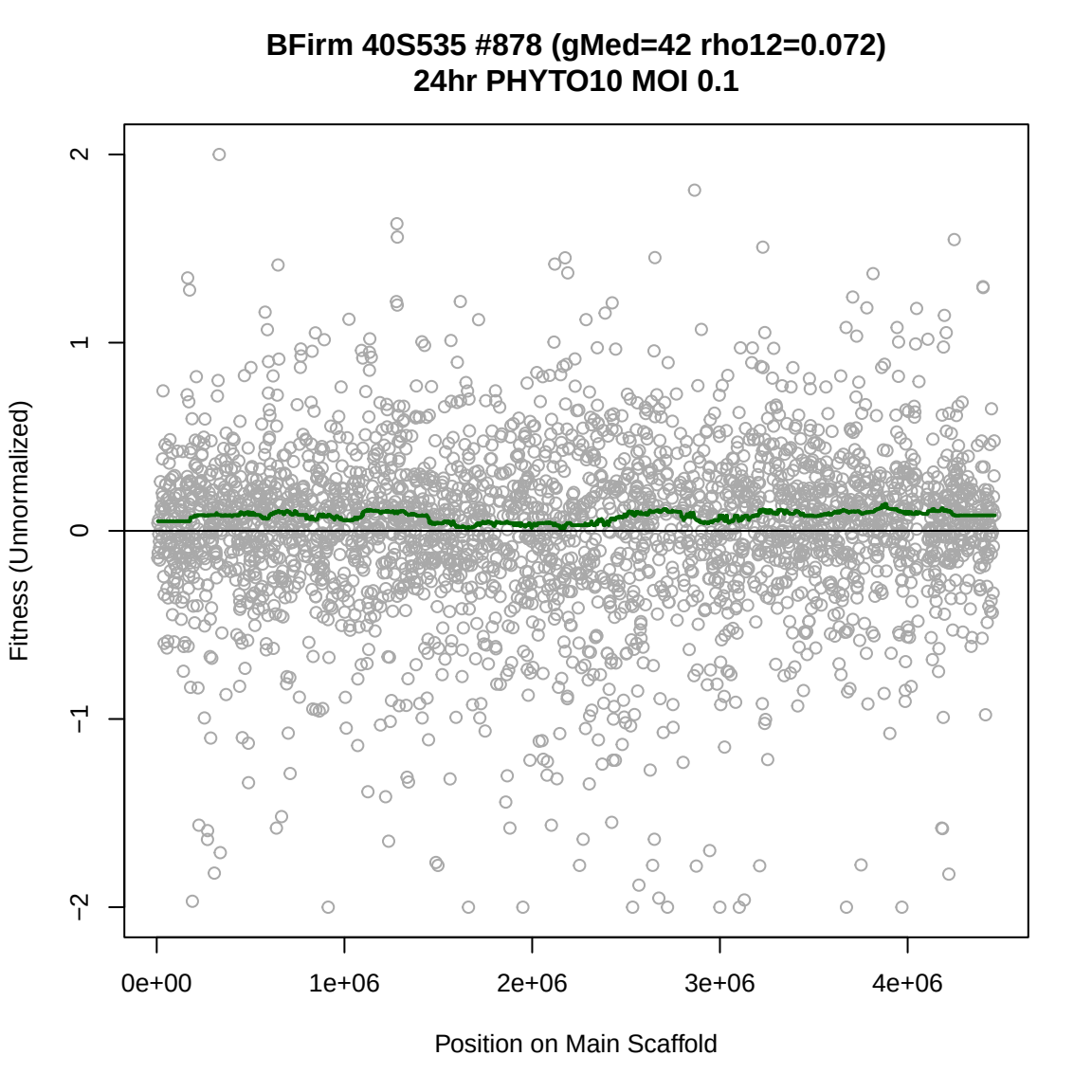

BFirm 40S530 #873 (gMed=42 rho12=0.091)
24hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

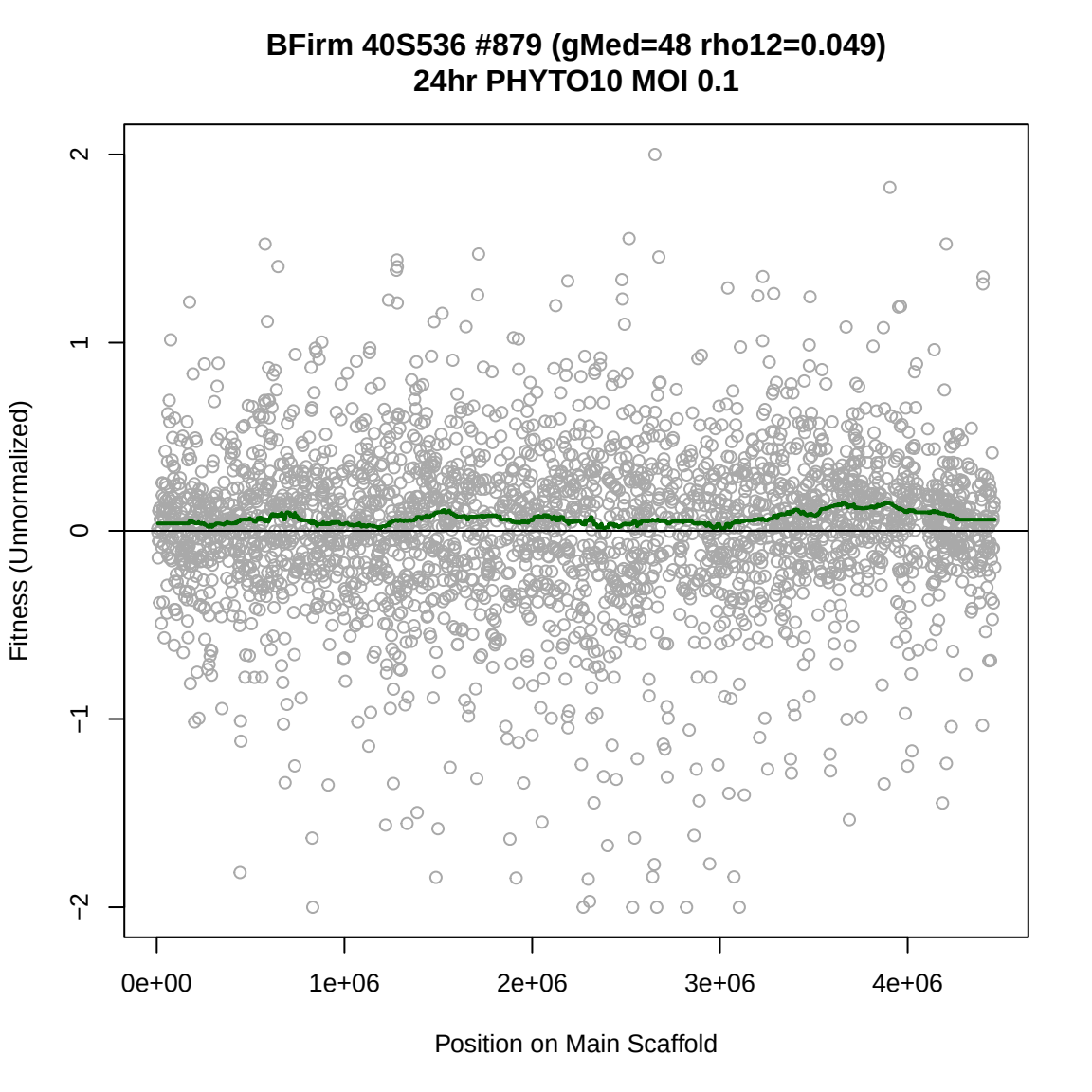

BFirm 40S531 #874 (gMed=42 rho12=0.040)
24hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

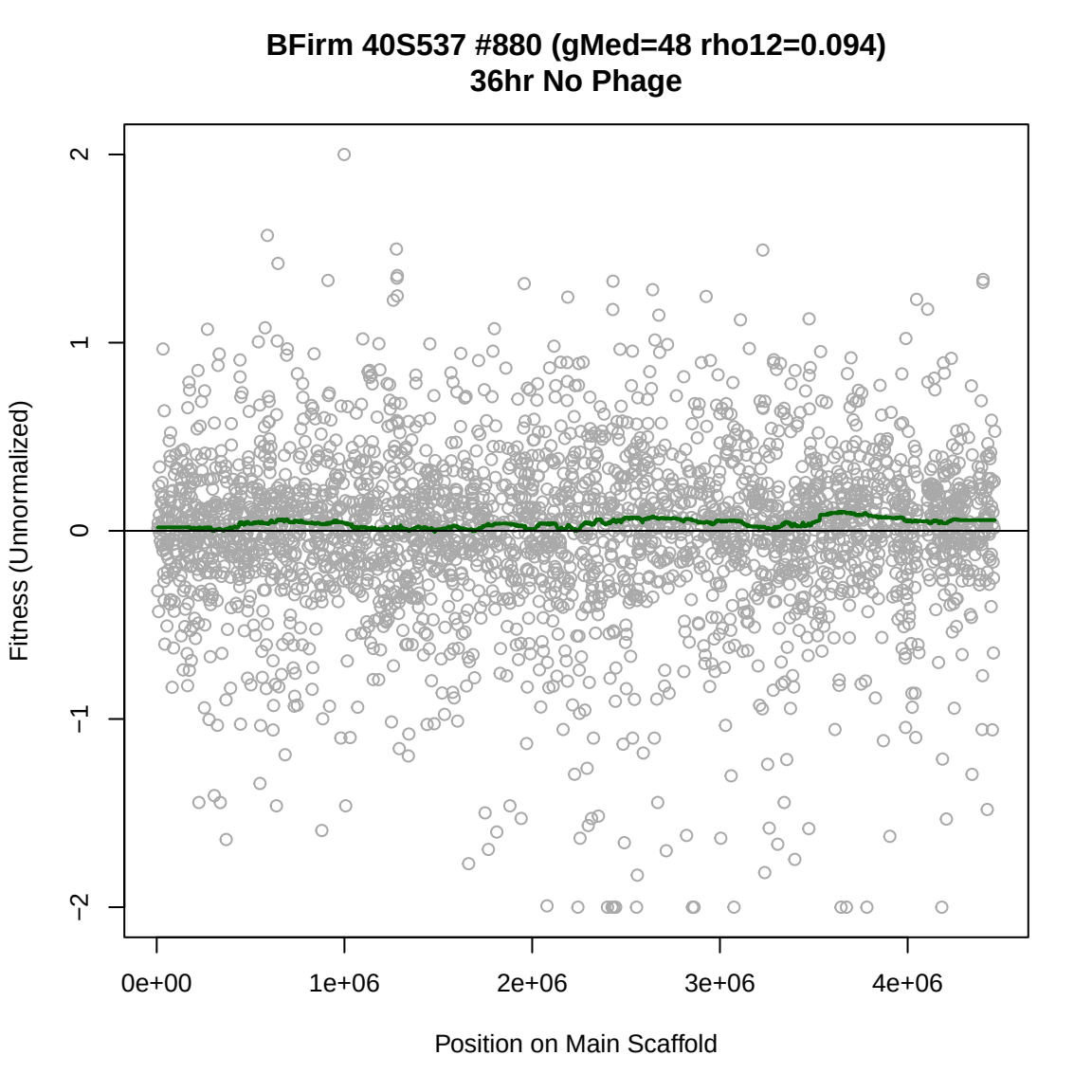

BFirm 40S532 #875 (gMed=38 rho12=0.045)
24hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

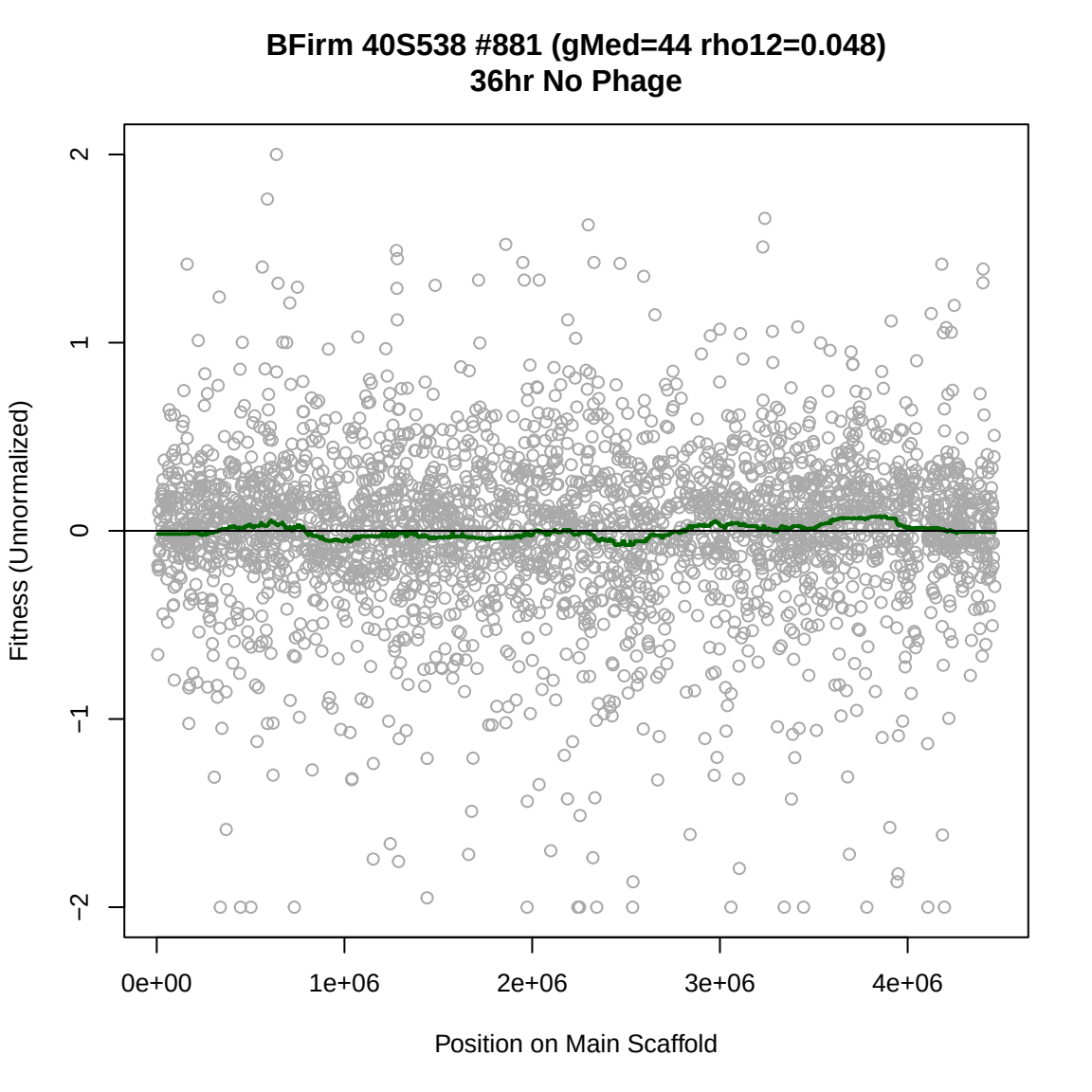

BFirm 40S533 #876 (gMed=40 rho12=0.095)
24hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

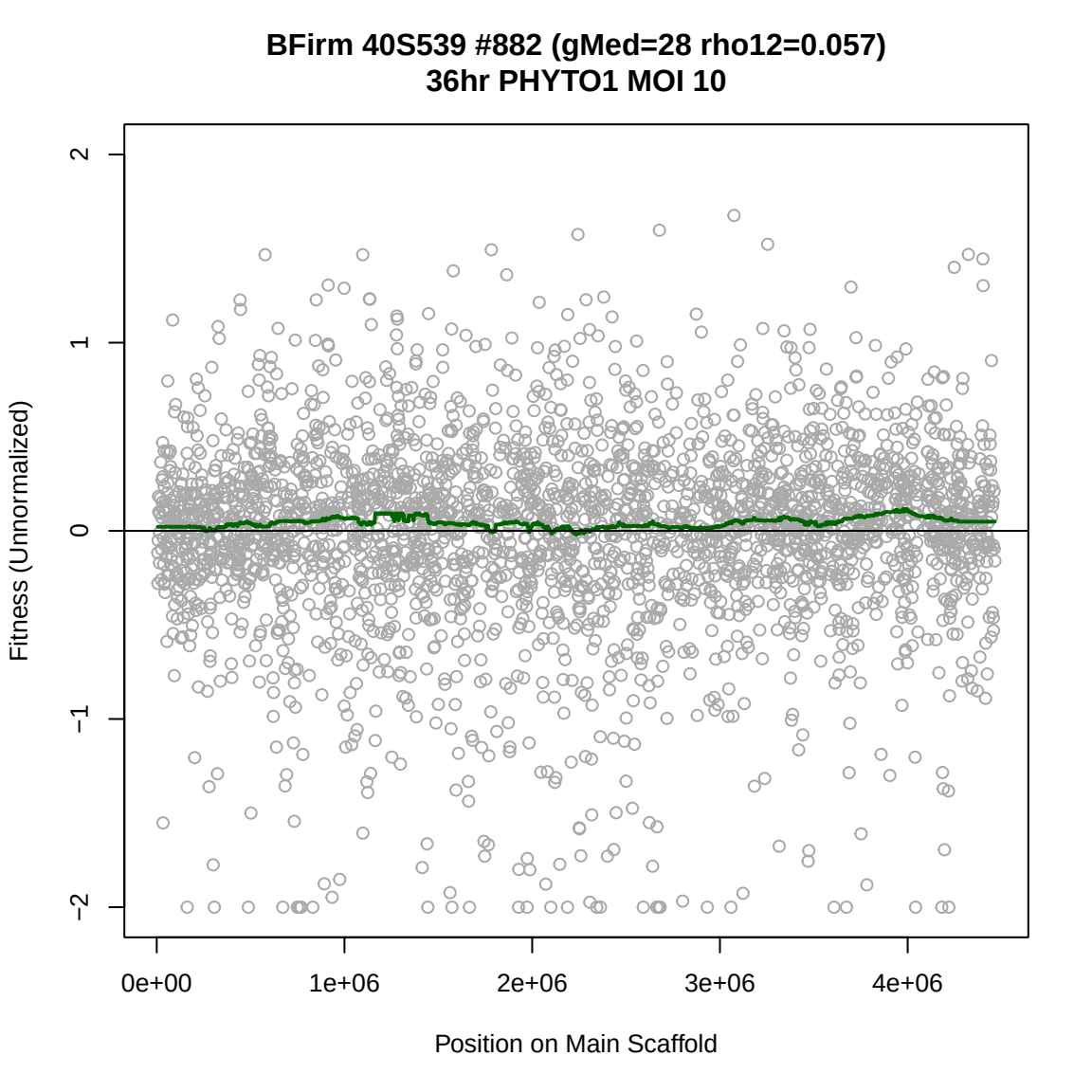

BFirm 40S534 #877 (gMed=34 rho12=0.156)
24hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

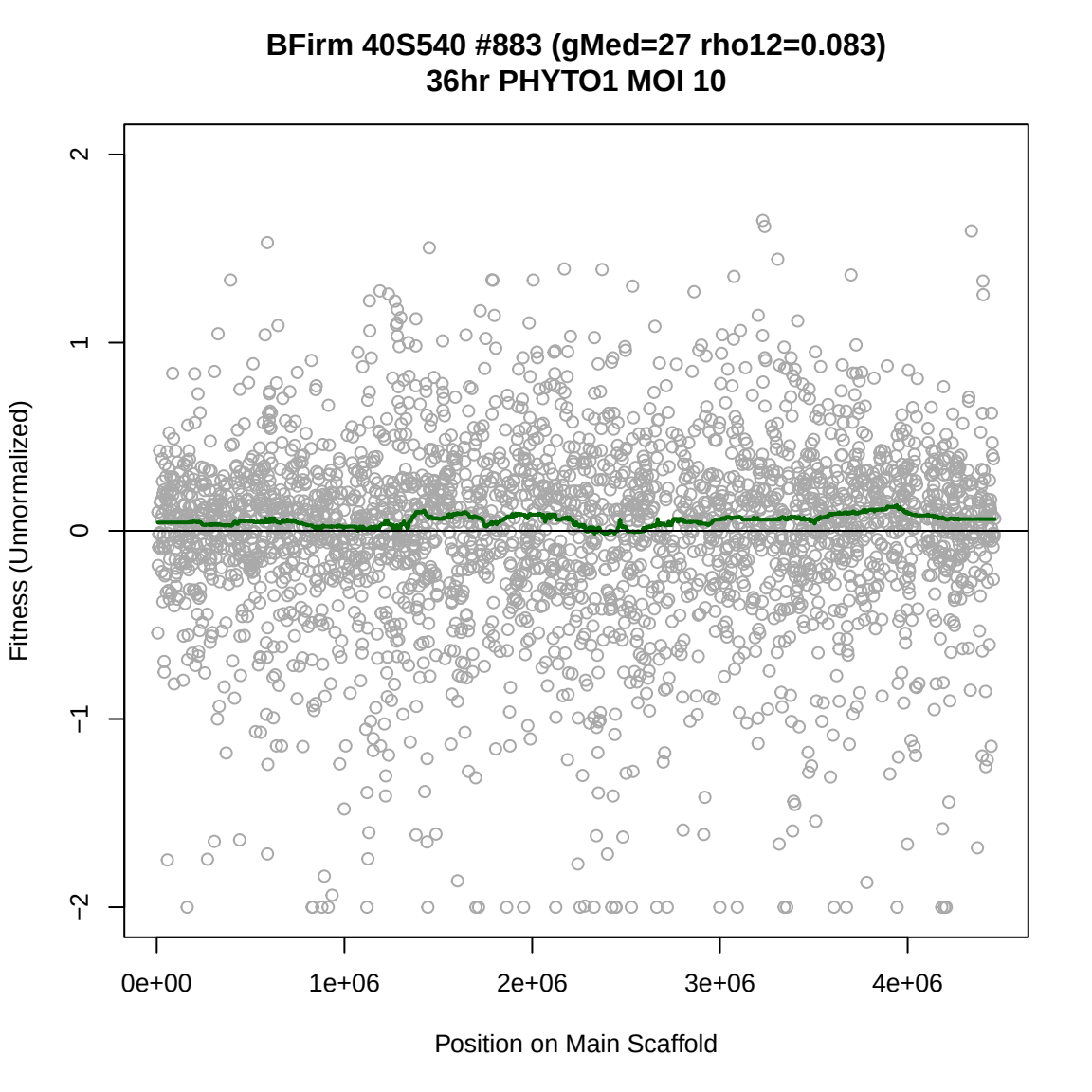

BFirm 40S535 #878 (gMed=42 rho12=0.072)
24hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

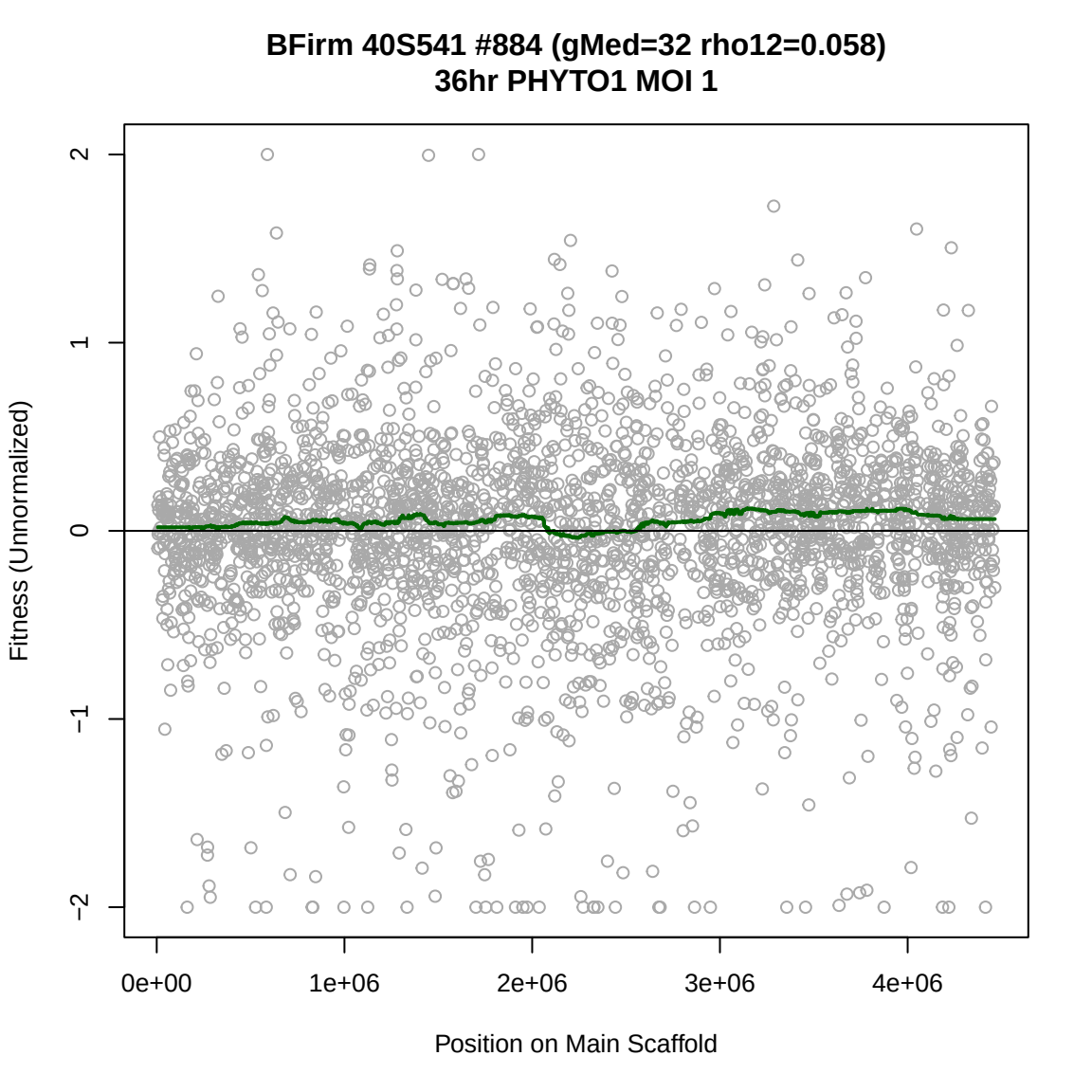

BFirm 40S536 #879 (gMed=48 rho12=0.049)
24hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

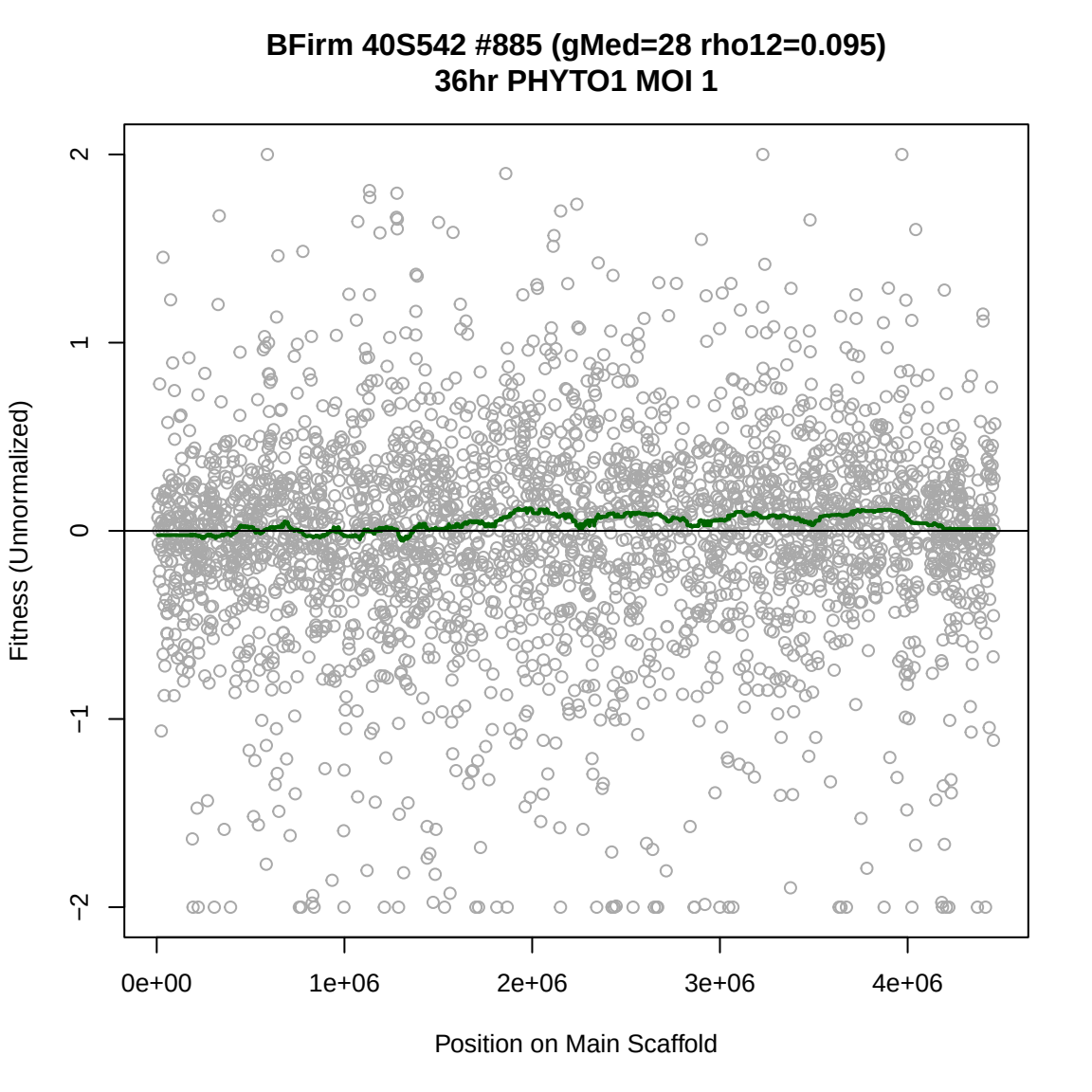

BFirm 40S537 #880 (gMed=48 rho12=0.094)
36hr No Phage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

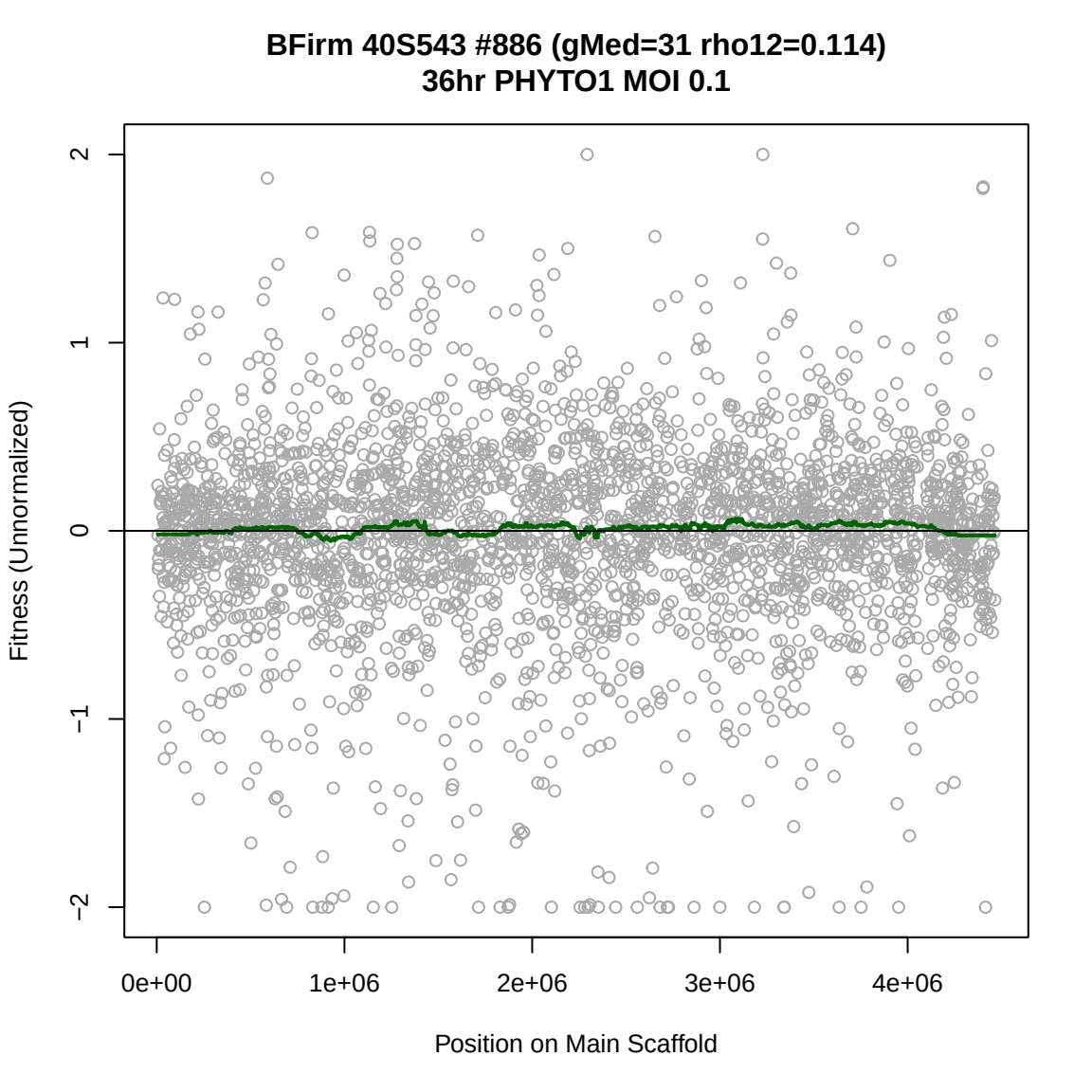

BFirm 40S538 #881 (gMed=44 rho12=0.048)
36hr No Phage
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

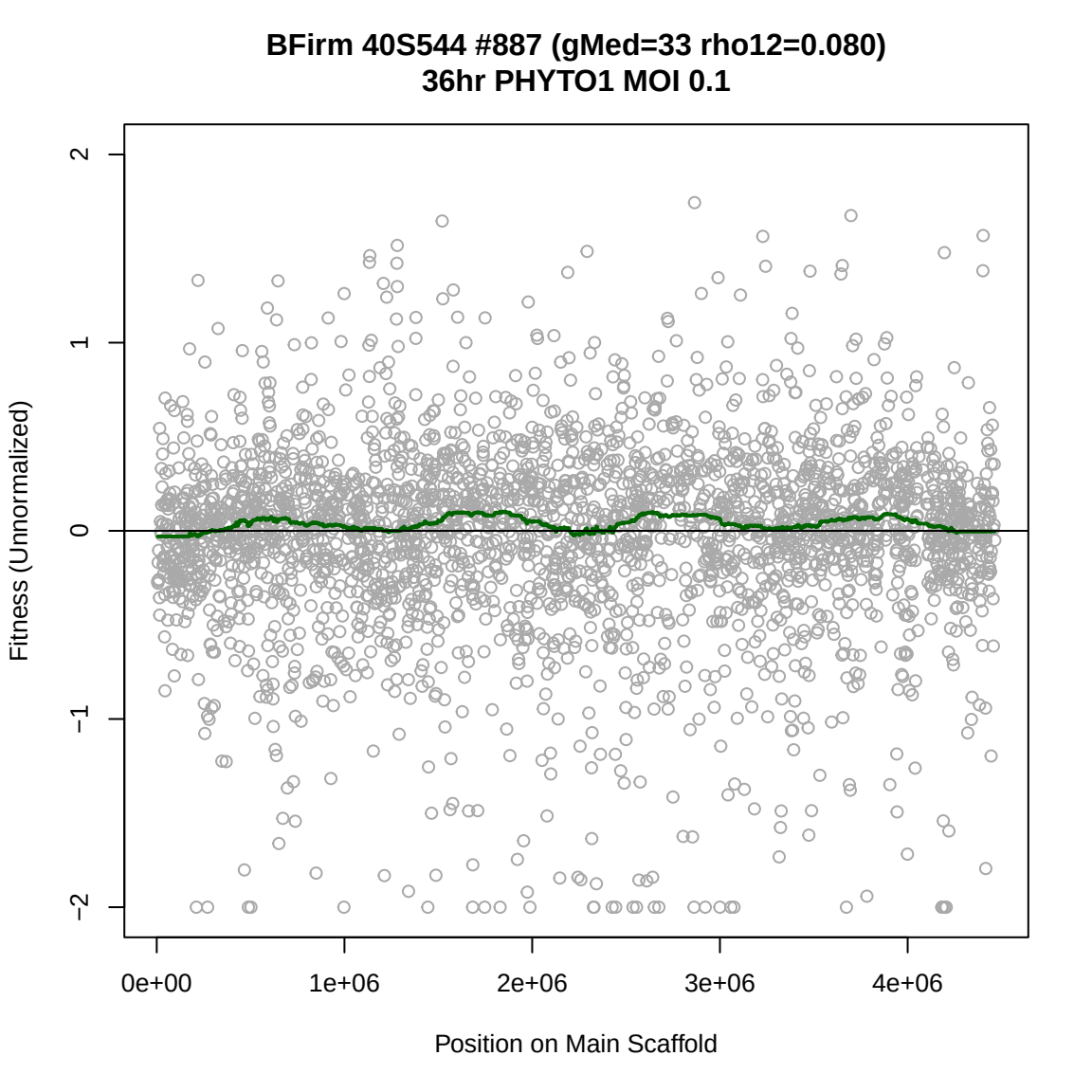

BFirm 40S539 #882 (gMed=28 rho12=0.057)
36hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

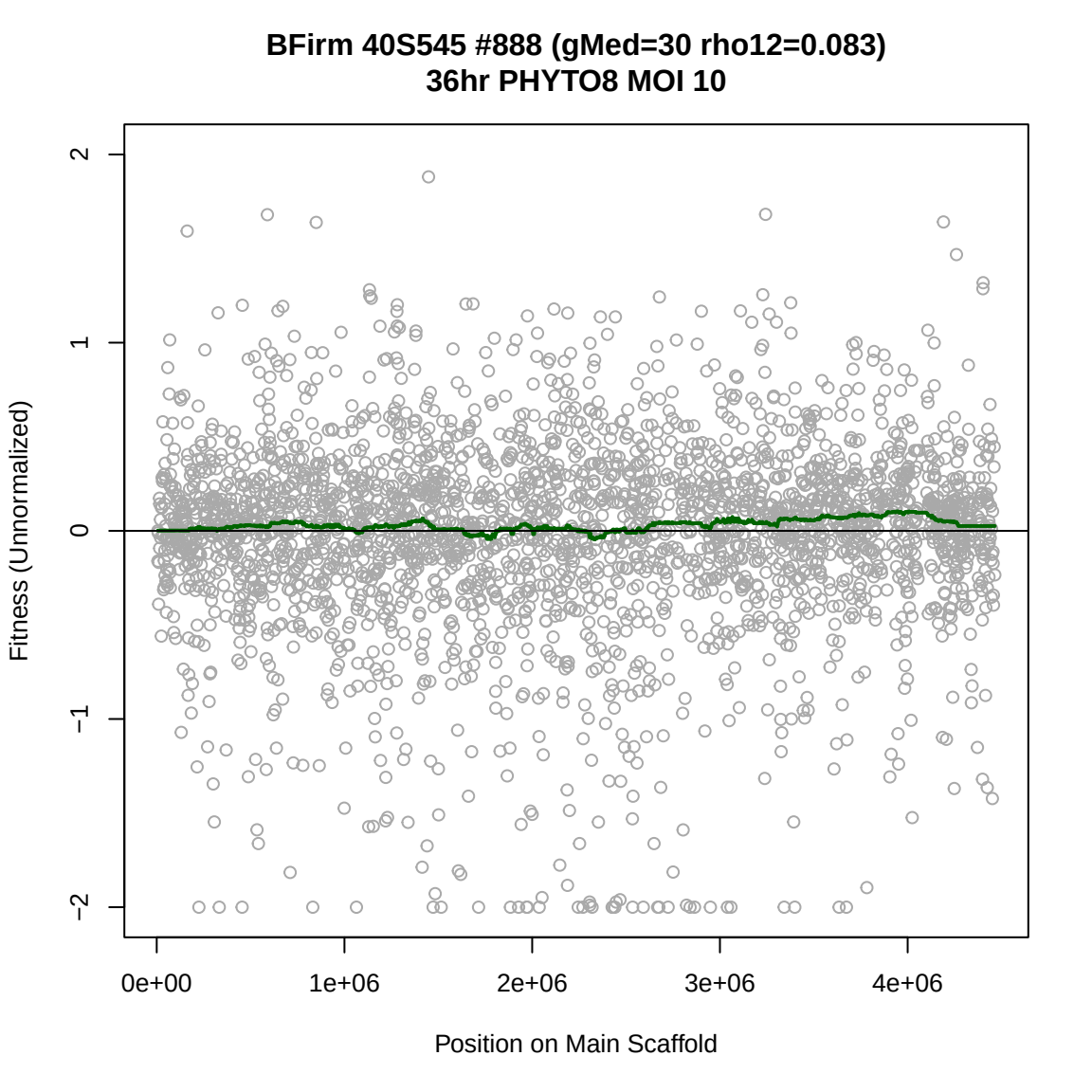

BFirm 40S540 #883 (gMed=27 rho12=0.083)
36hr PHYTO1 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

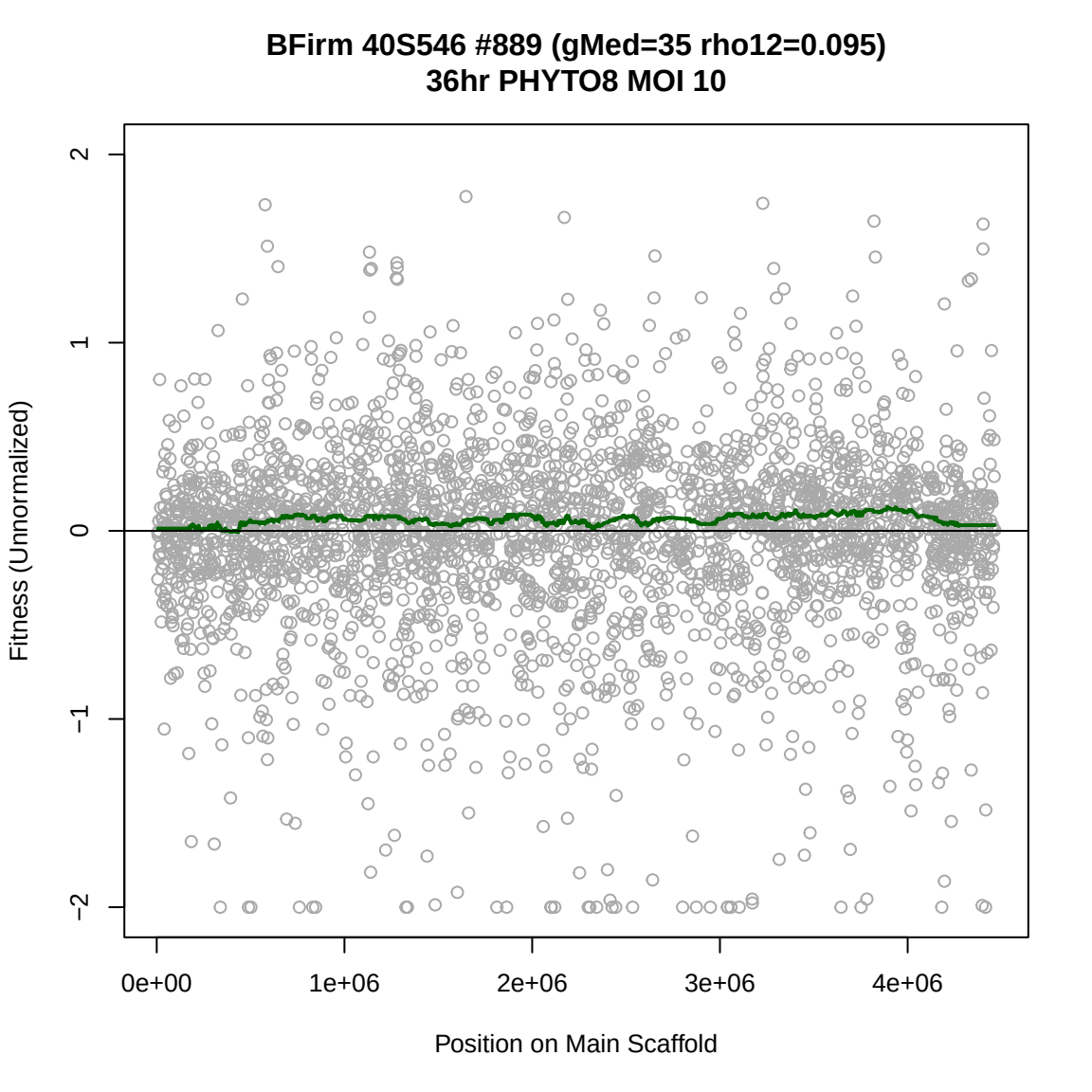

BFirm 40S541 #884 (gMed=32 rho12=0.058)
36hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

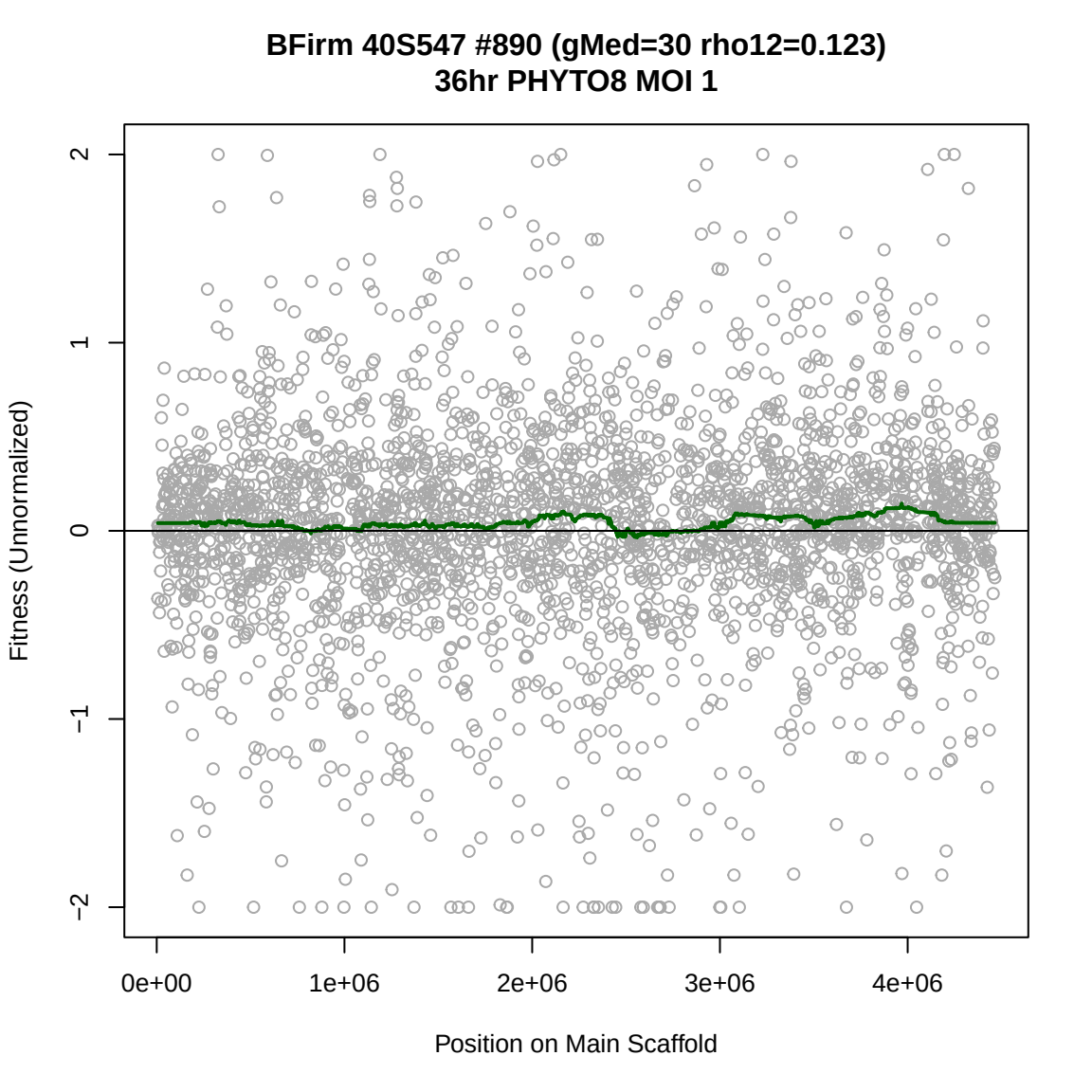

BFirm 40S542 #885 (gMed=28 rho12=0.095)
36hr PHYTO1 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

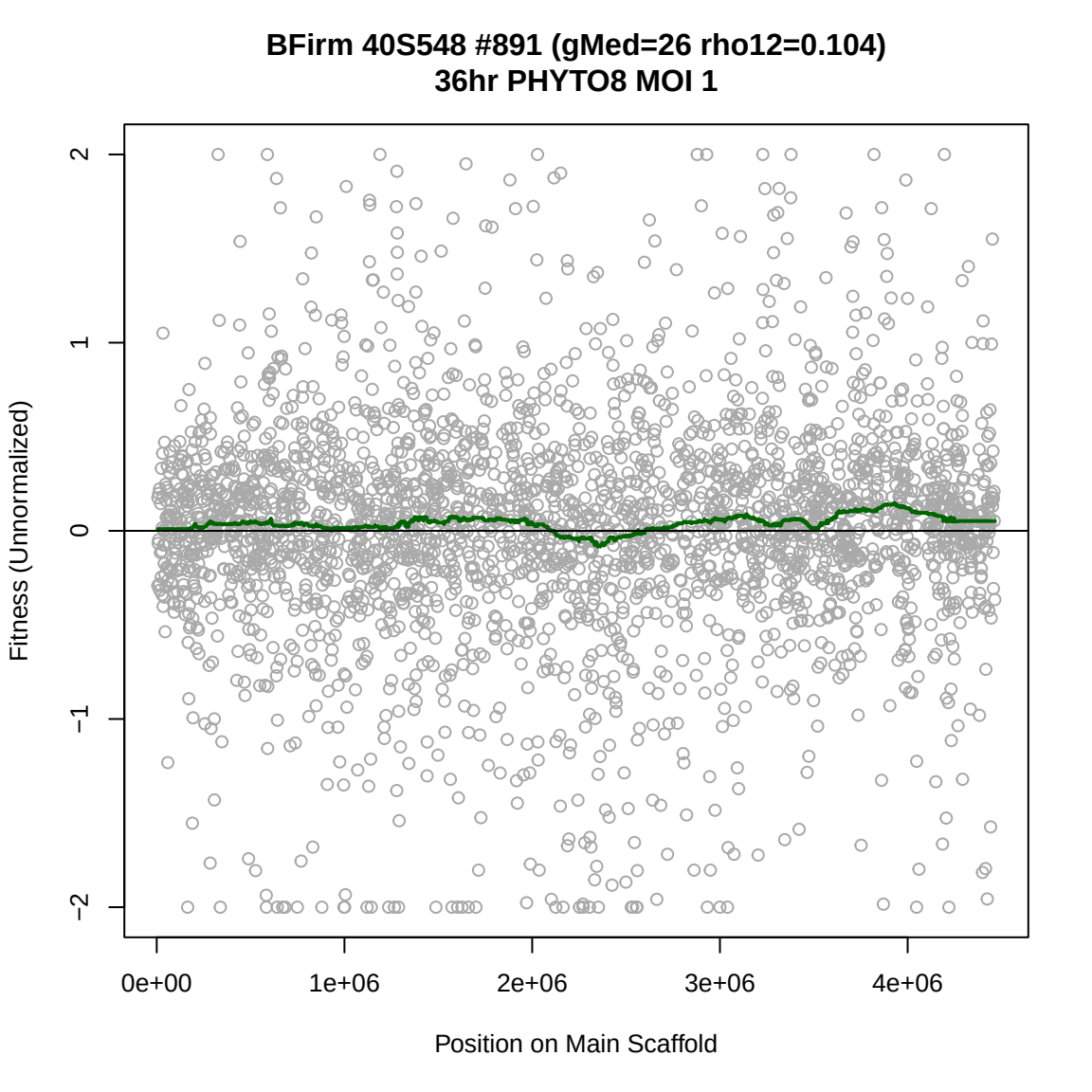

BFirm 40S543 #886 (gMed=31 rho12=0.114)
36hr PHYTO1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

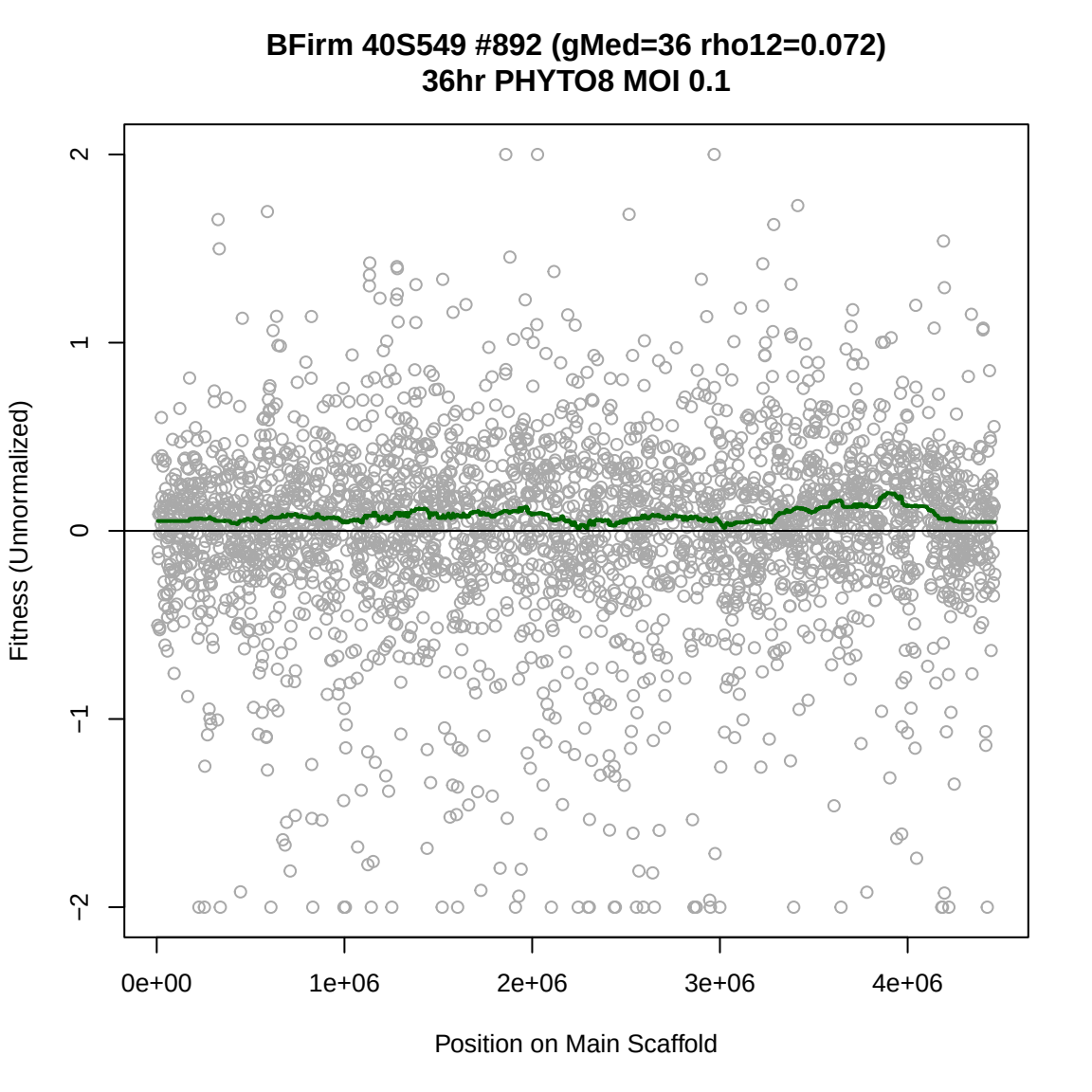

BFirm 40S544 #887 (gMed=33 rho12=0.080)
36hr PHYTO1 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

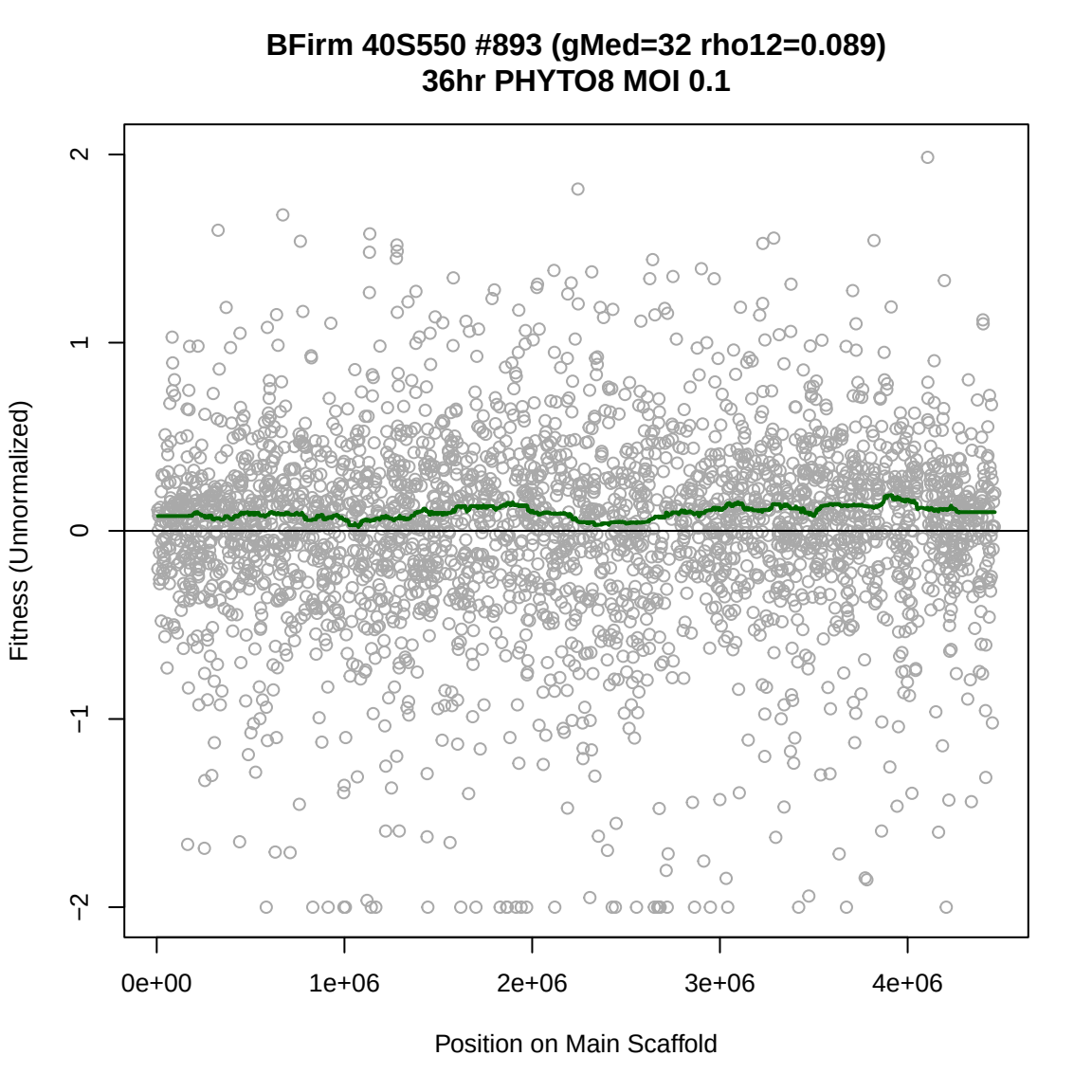

BFirm 40S545 #888 (gMed=30 rho12=0.083)
36hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

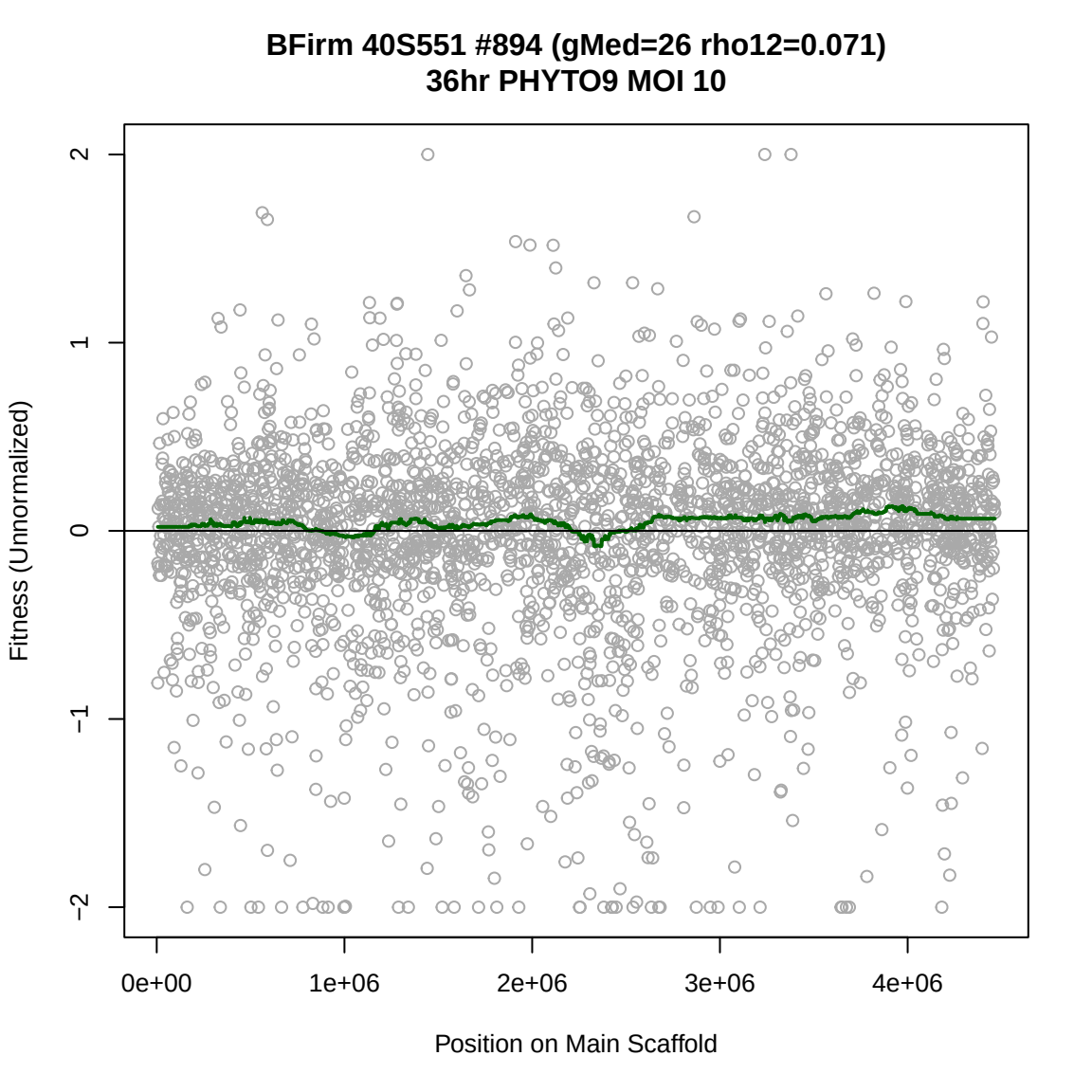

BFirm 40S546 #889 (gMed=35 rho12=0.095)
36hr PHYTO8 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

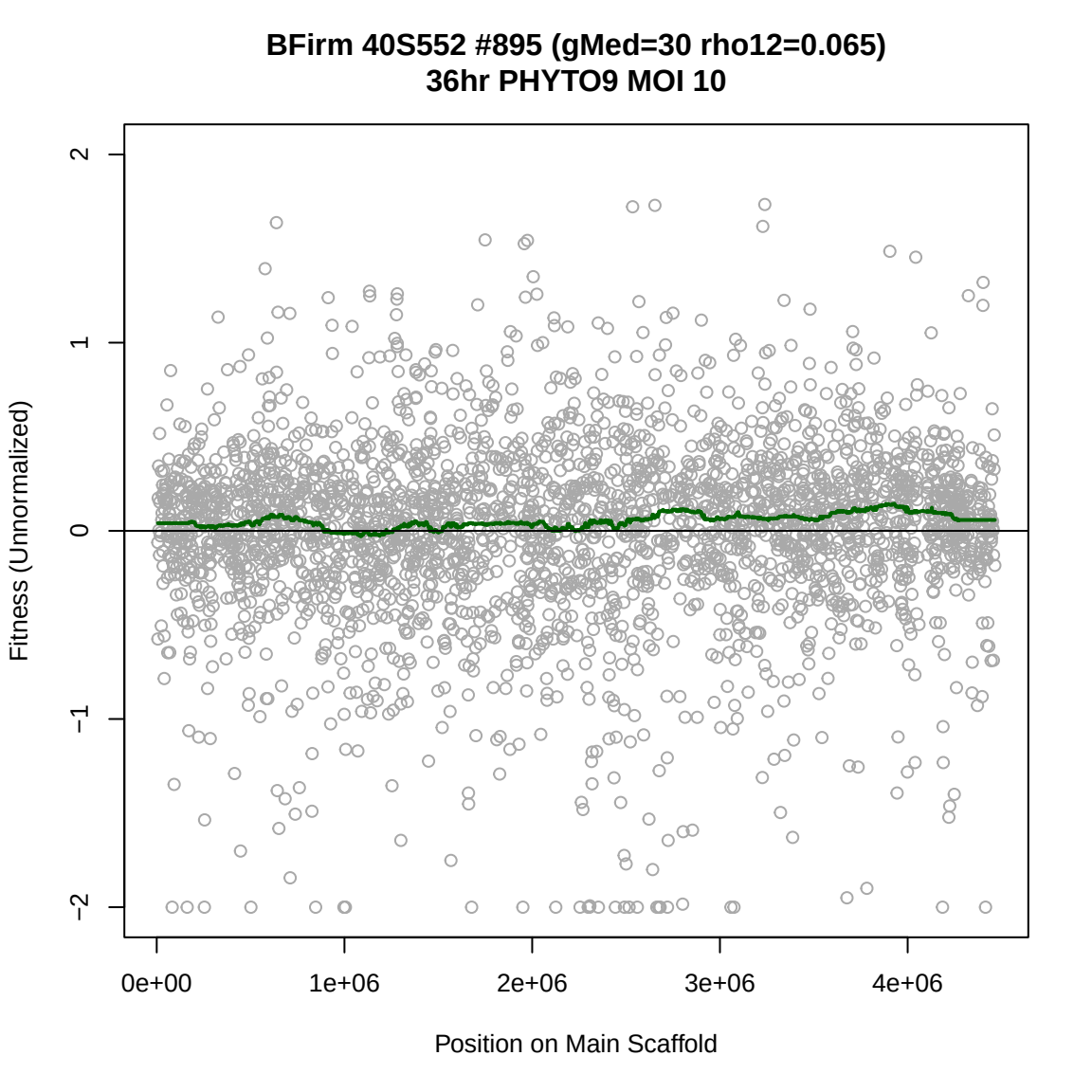

BFirm 40S547 #890 (gMed=30 rho12=0.123)
36hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

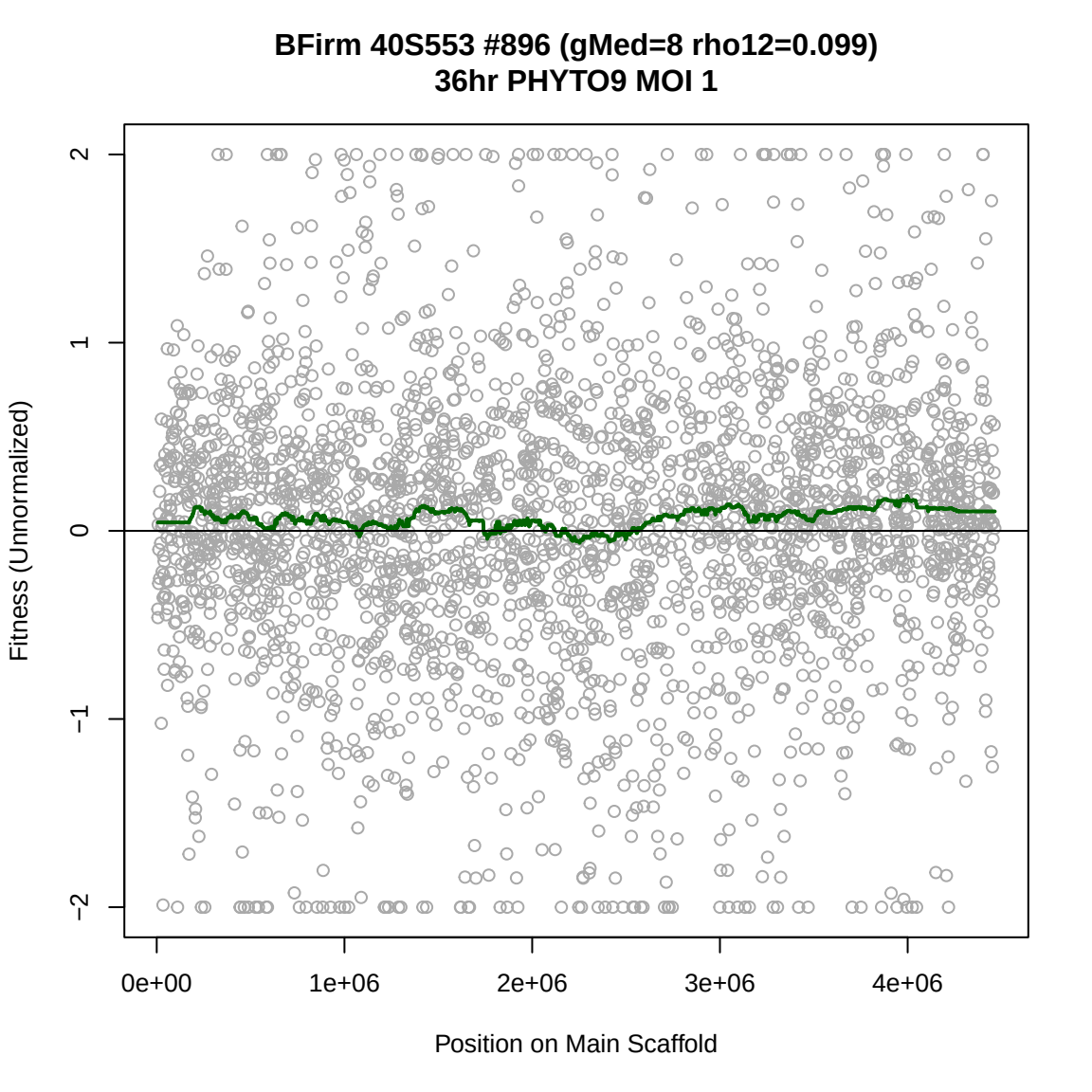

BFirm 40S548 #891 (gMed=26 rho12=0.104)
36hr PHYTO8 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

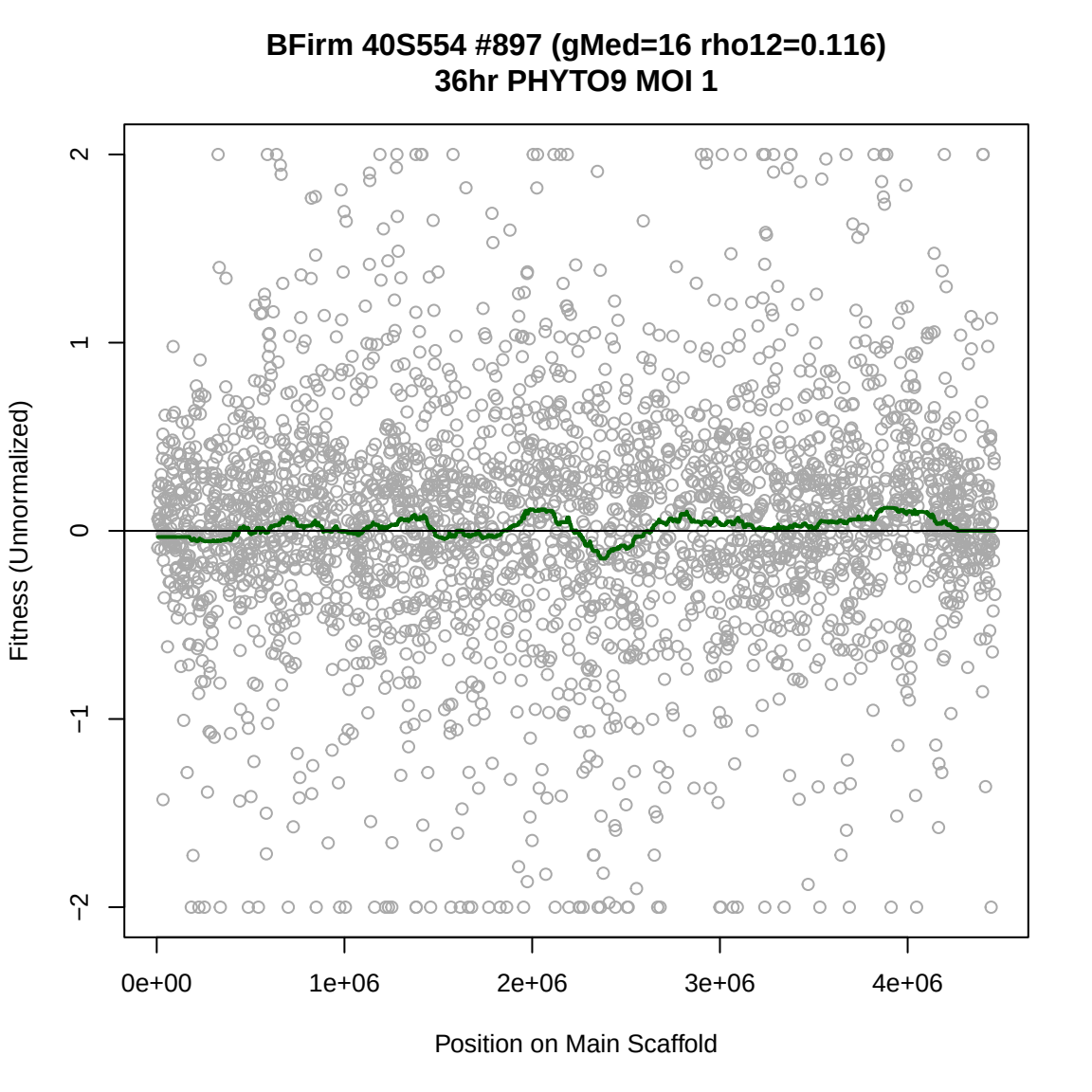

BFirm 40S549 #892 (gMed=36 rho12=0.072)
36hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

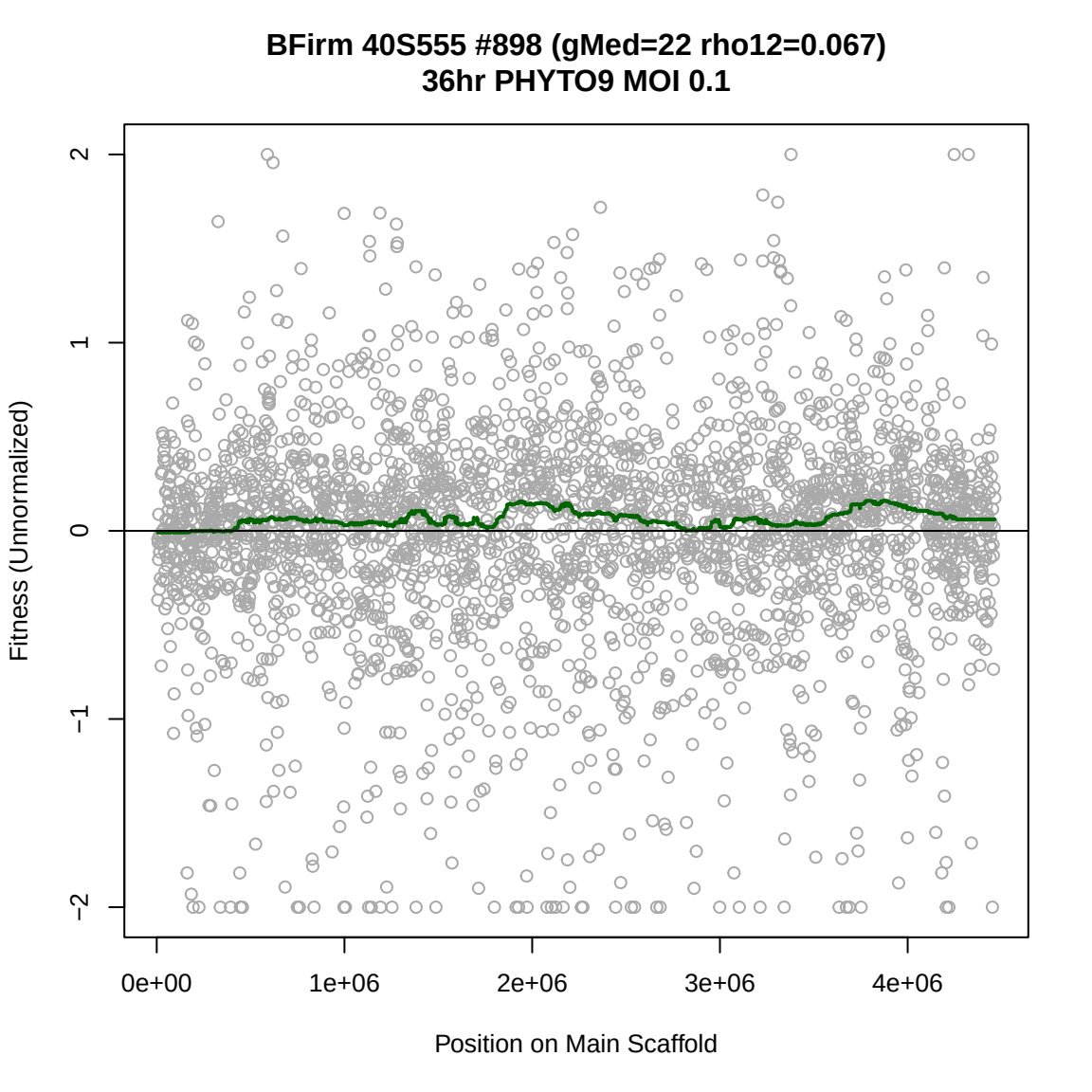

BFirm 40S550 #893 (gMed=32 rho12=0.089)
36hr PHYTO8 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

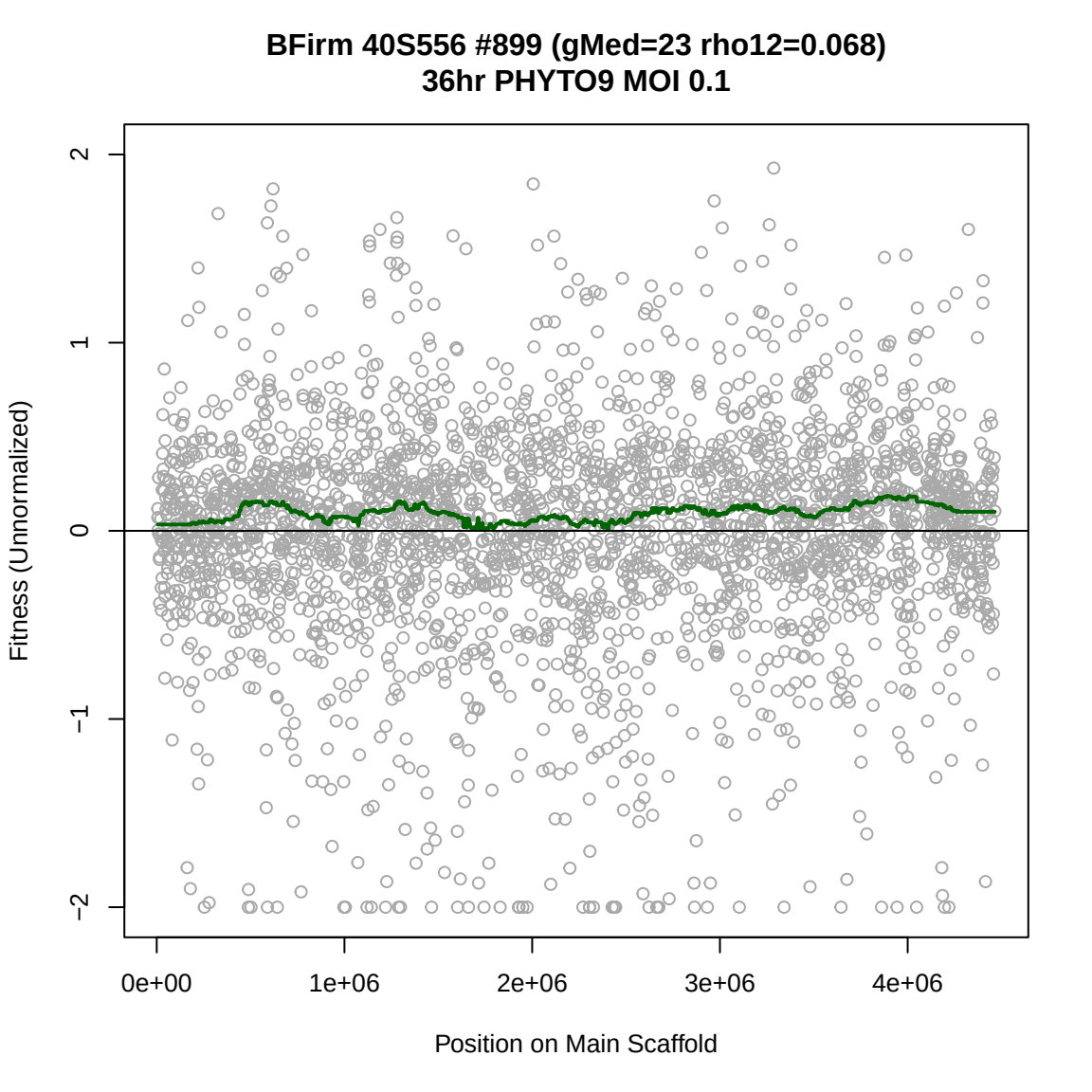

BFirm 40S551 #894 (gMed=26 rho12=0.071)
36hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

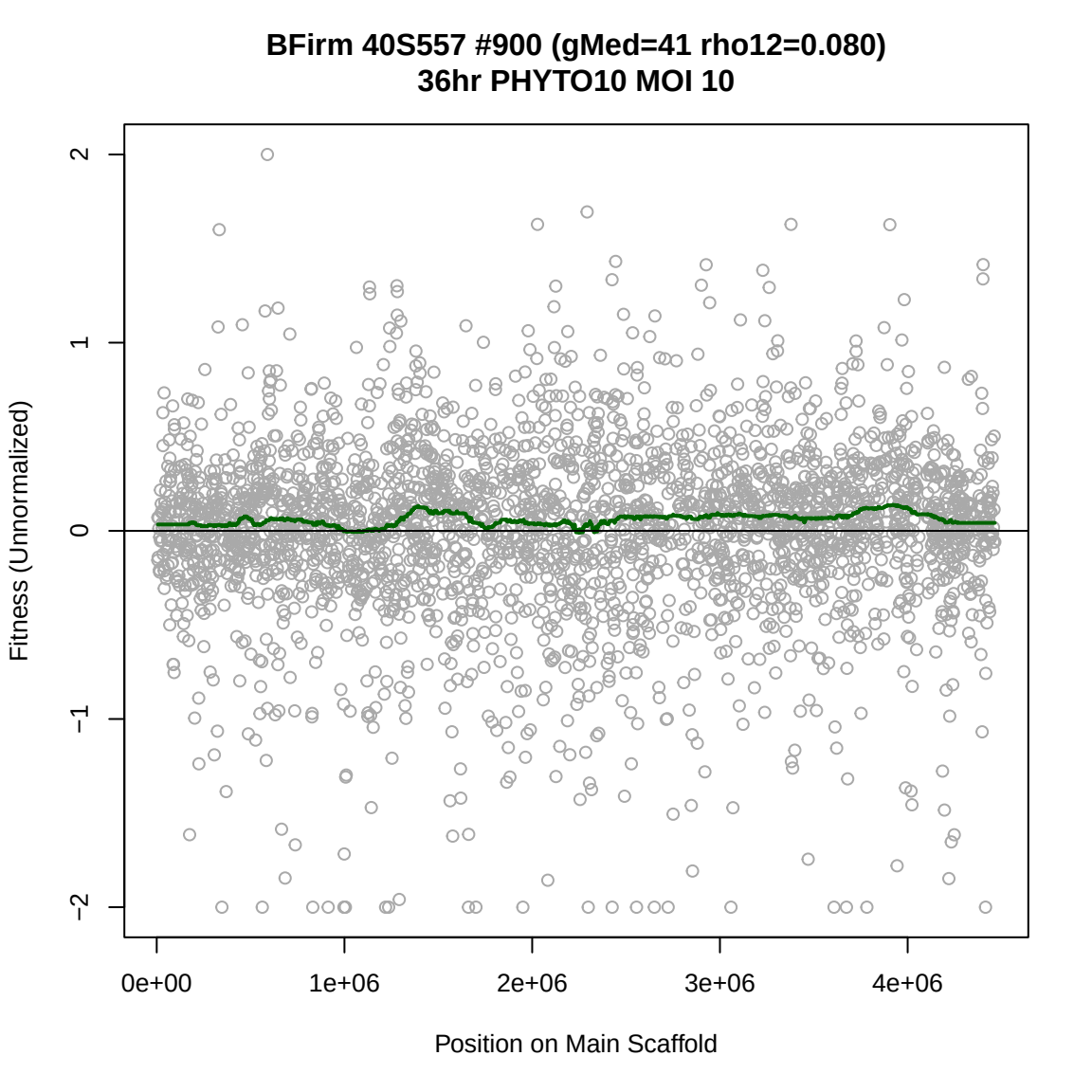

BFirm 40S552 #895 (gMed=30 rho12=0.065)
36hr PHYTO9 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

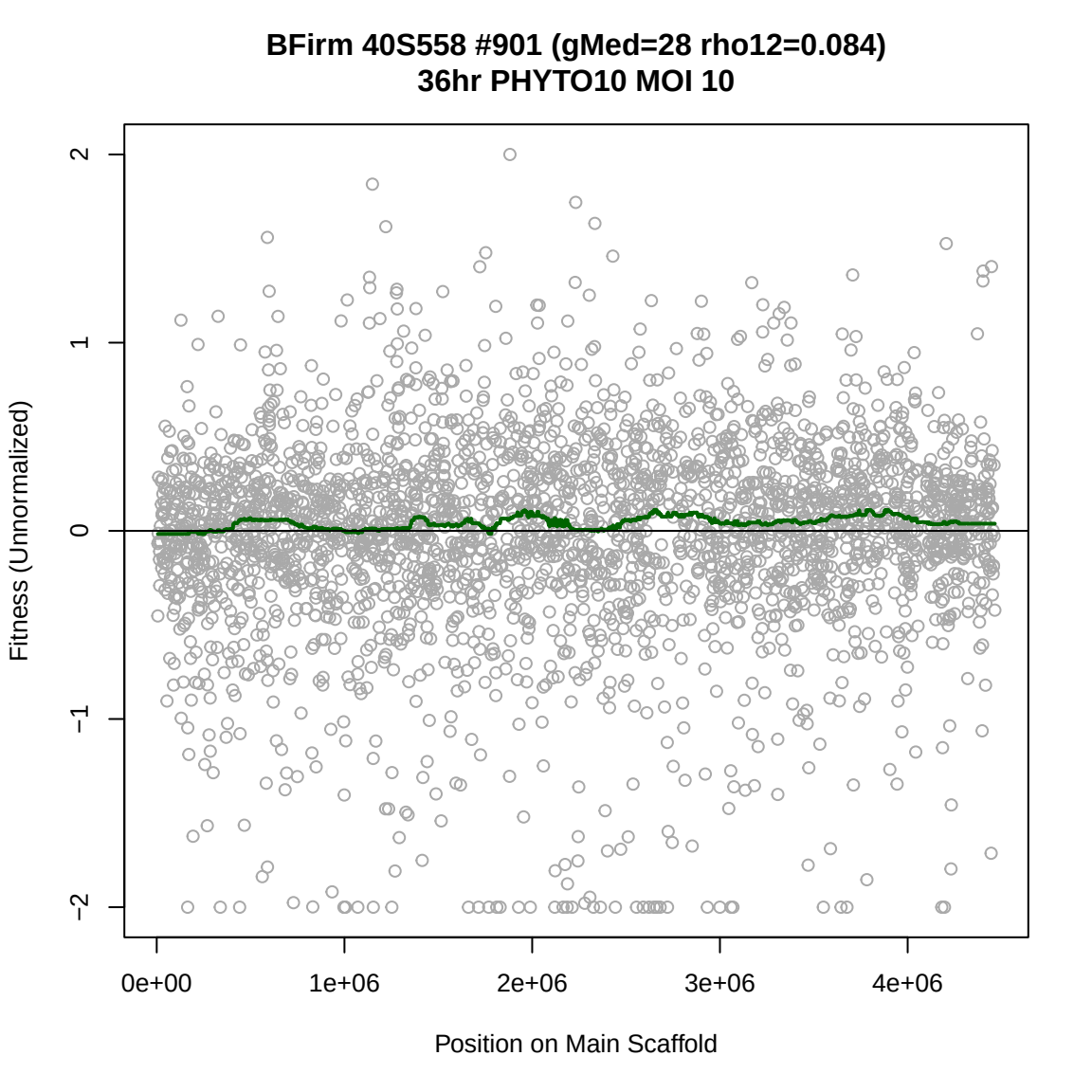

BFirm 40S553 #896 (gMed=8 rho12=0.099)
36hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

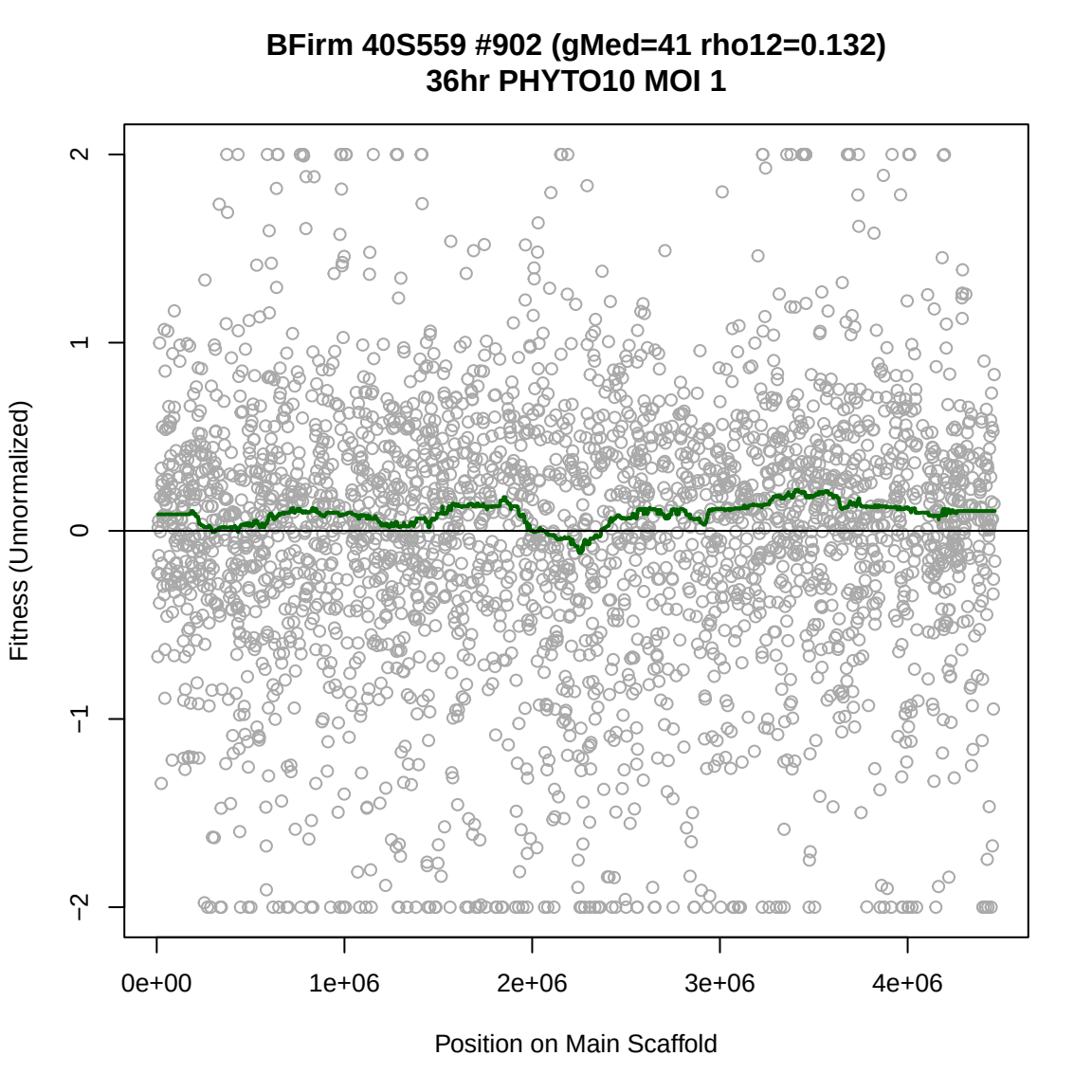

BFirm 40S554 #897 (gMed=16 rho12=0.116)
36hr PHYTO9 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

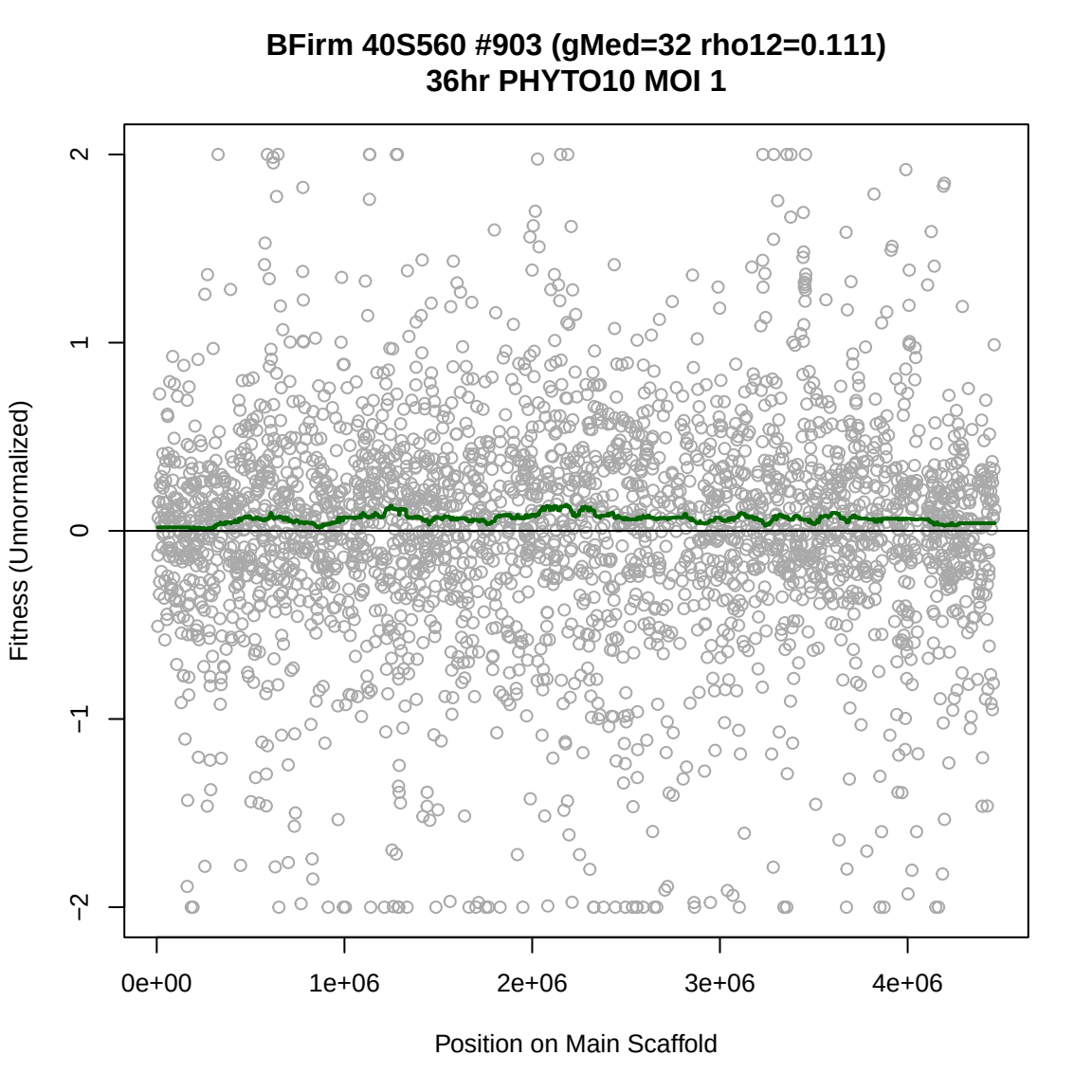

BFirm 40S555 #898 (gMed=22 rho12=0.067)
36hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

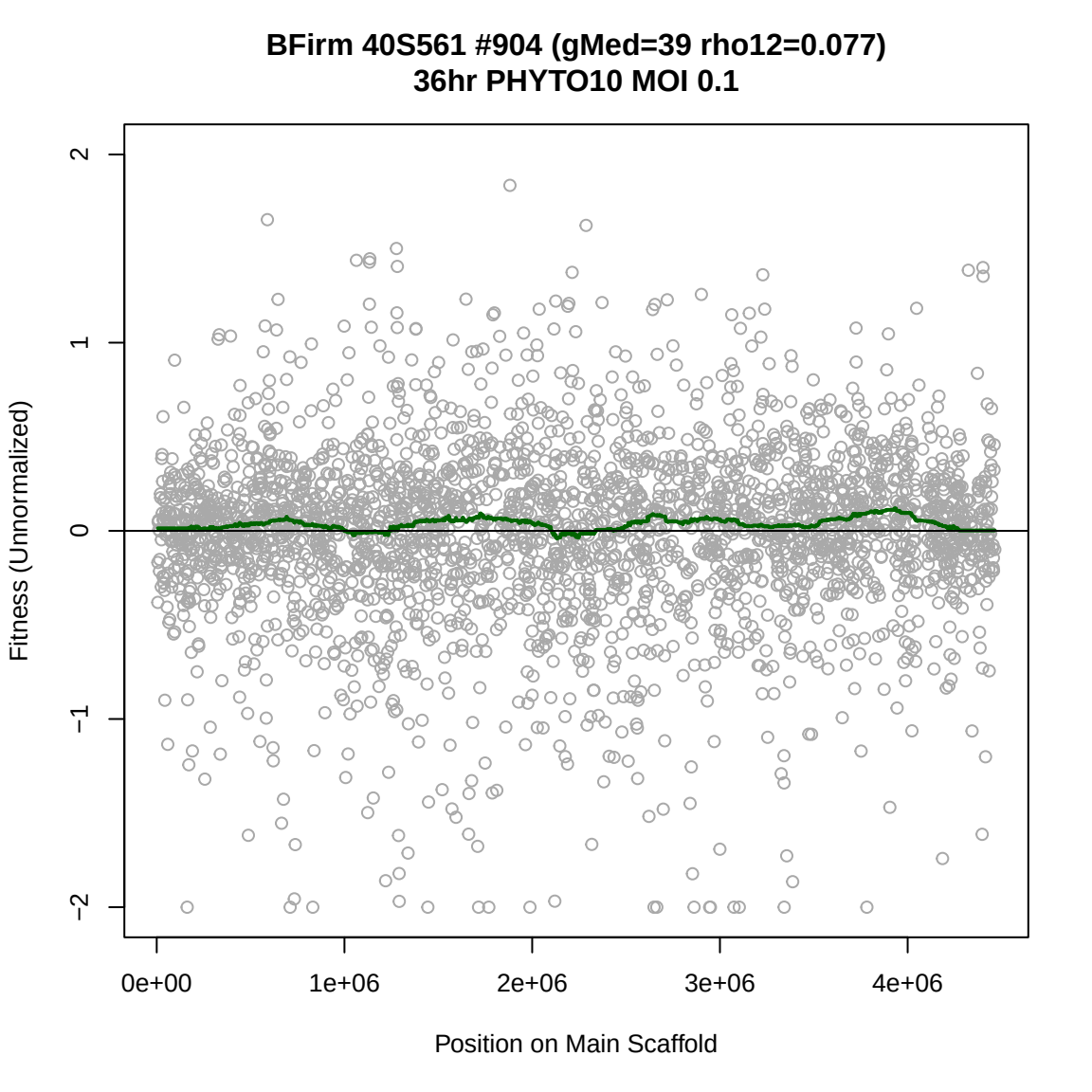

BFirm 40S556 #899 (gMed=23 rho12=0.068)
36hr PHYTO9 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold

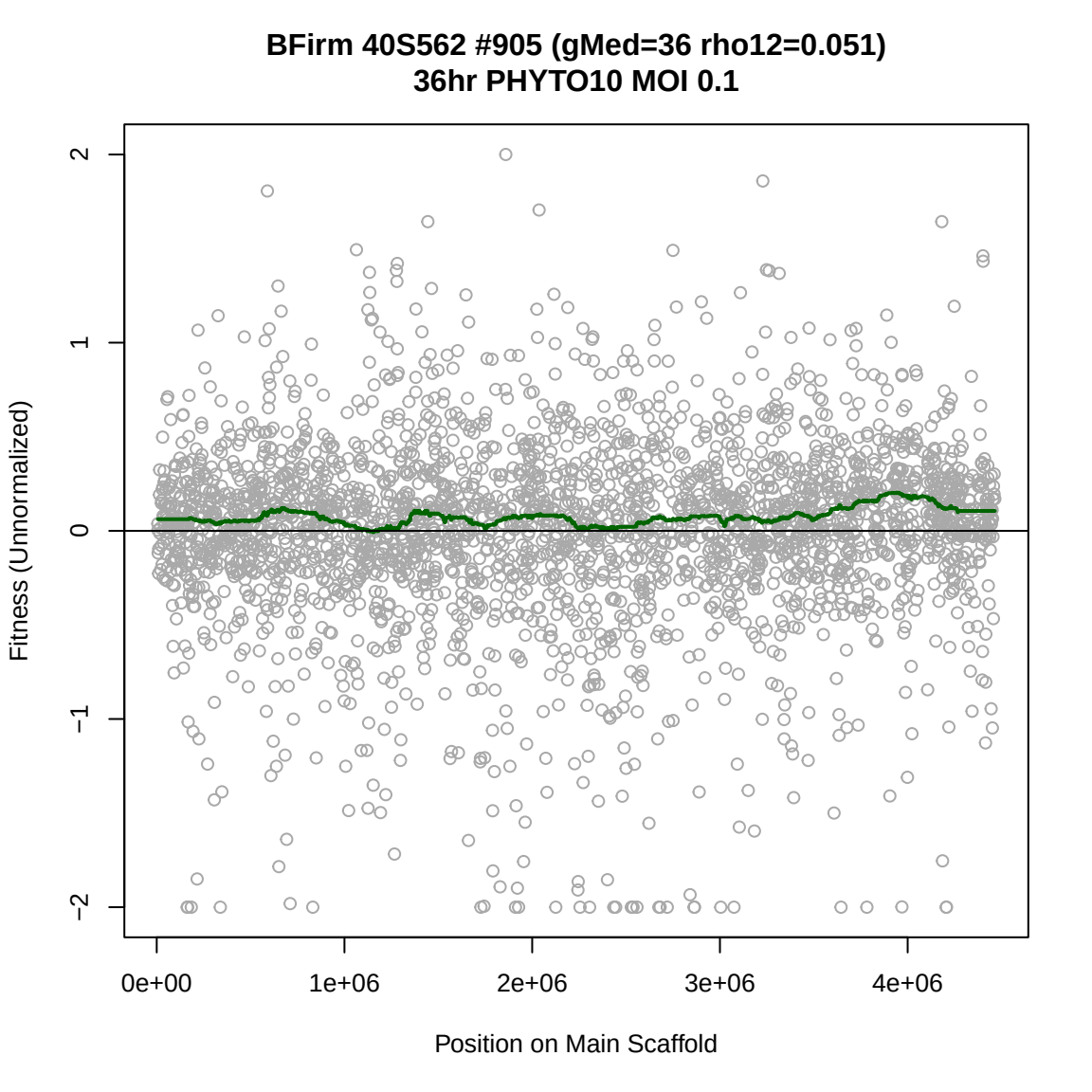

BFirm 40S557 #900 (gMed=41 rho12=0.080)
36hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold


BFirm 40S558 #901 (gMed=28 rho12=0.084)
36hr PHYTO10 MOI 10
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold


BFirm 40S559 #902 (gMed=41 rho12=0.132)
36hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold


BFirm 40S560 #903 (gMed=32 rho12=0.111)
36hr PHYTO10 MOI 1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold


BFirm 40S561 #904 (gMed=39 rho12=0.077)
36hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold


BFirm 40S562 #905 (gMed=36 rho12=0.051)
36hr PHYTO10 MOI 0.1
Fitness (Unnormalized)
2
1
0
−1
−2
0e+00
1e+06
2e+06
3e+06
4e+06
Position on Main Scaffold