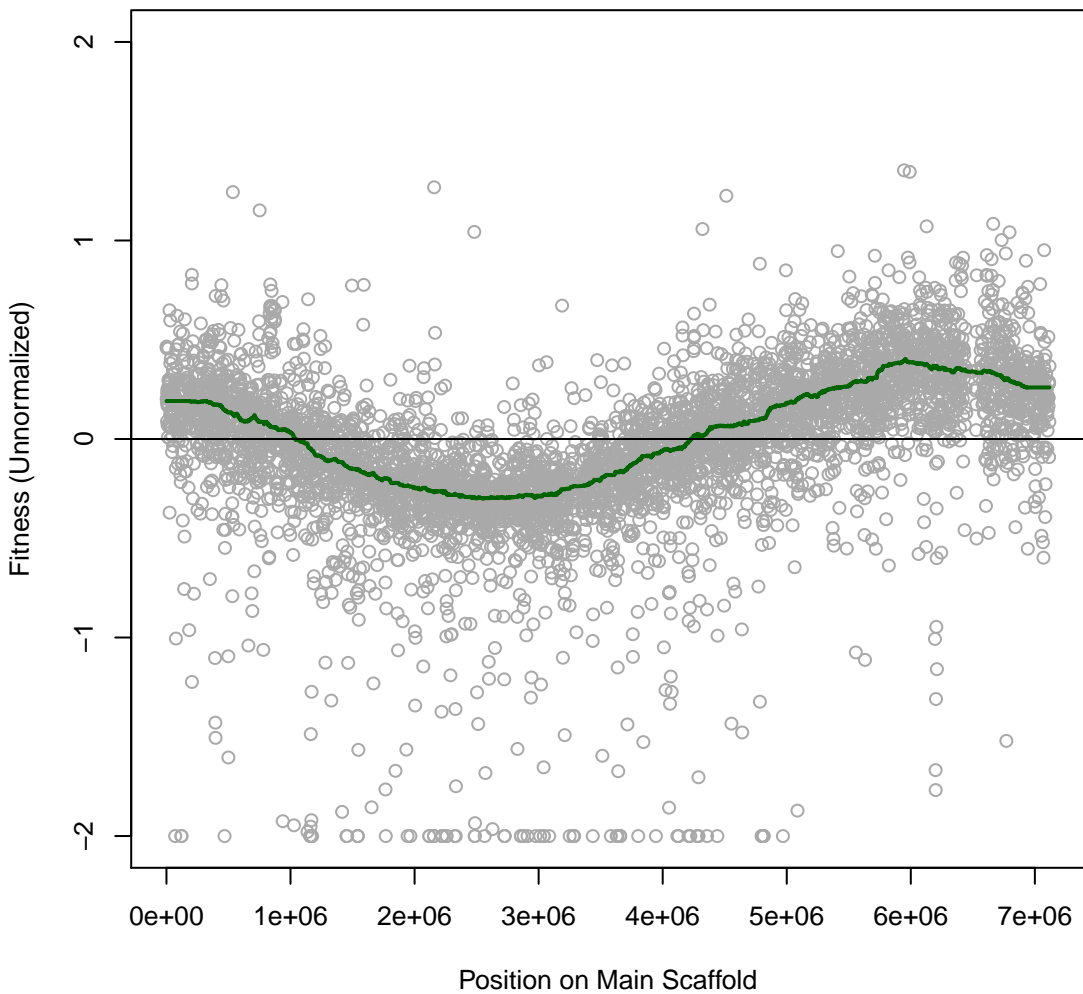
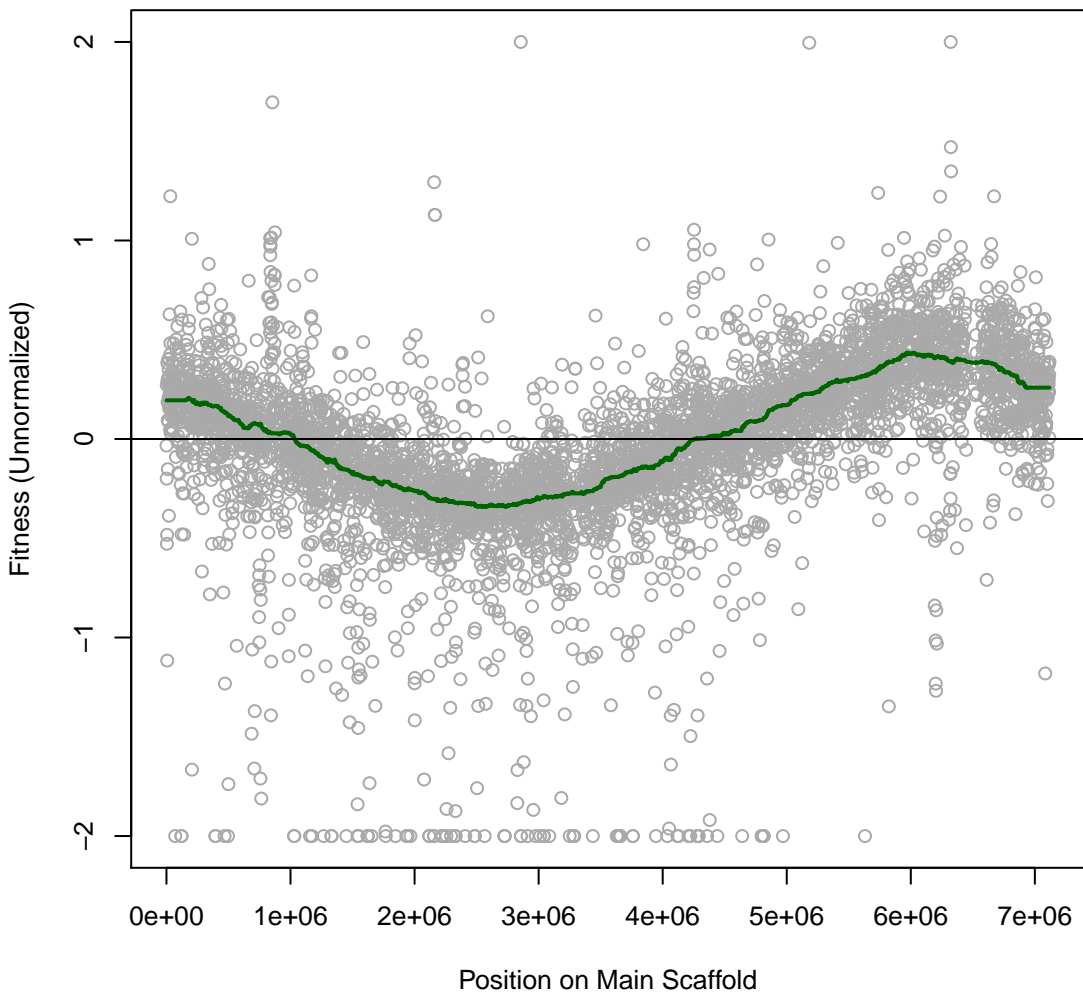


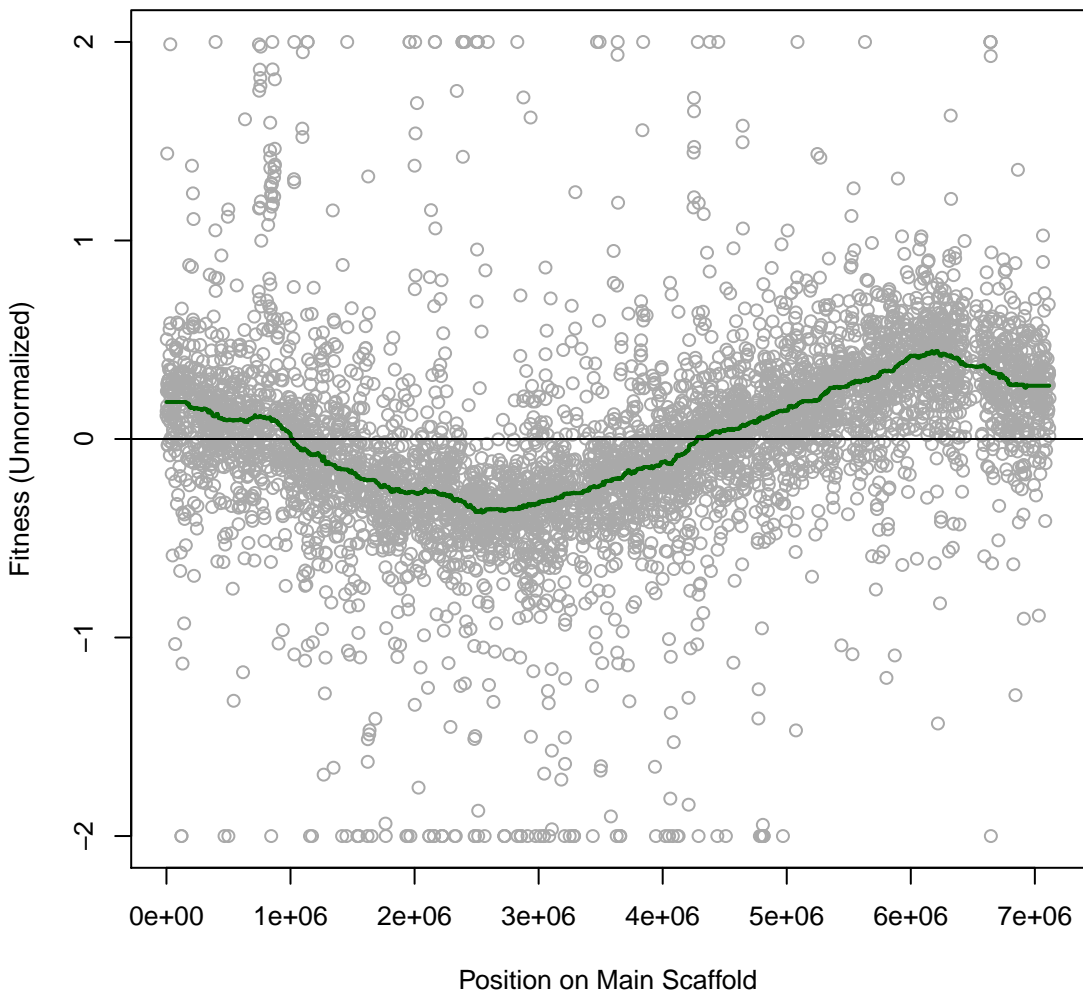
**pseudo5\_N2C3\_1 1IT001 #1 (gMed=142 rho12=0.148)**  
**D-Glucose (C)**



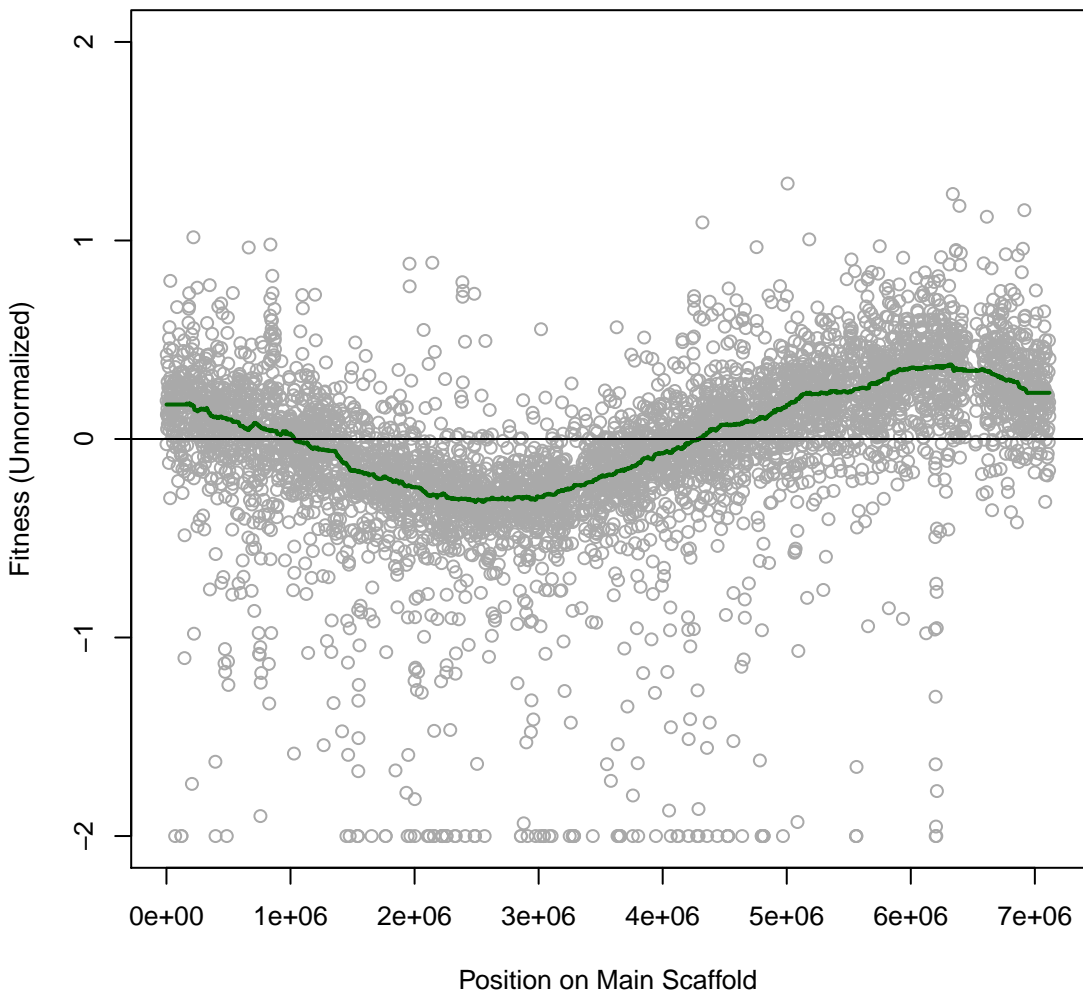
pseudo5\_N2C3\_1 1IT002 #2 (gMed=178 rho12=0.243)  
D-Fructose (C)



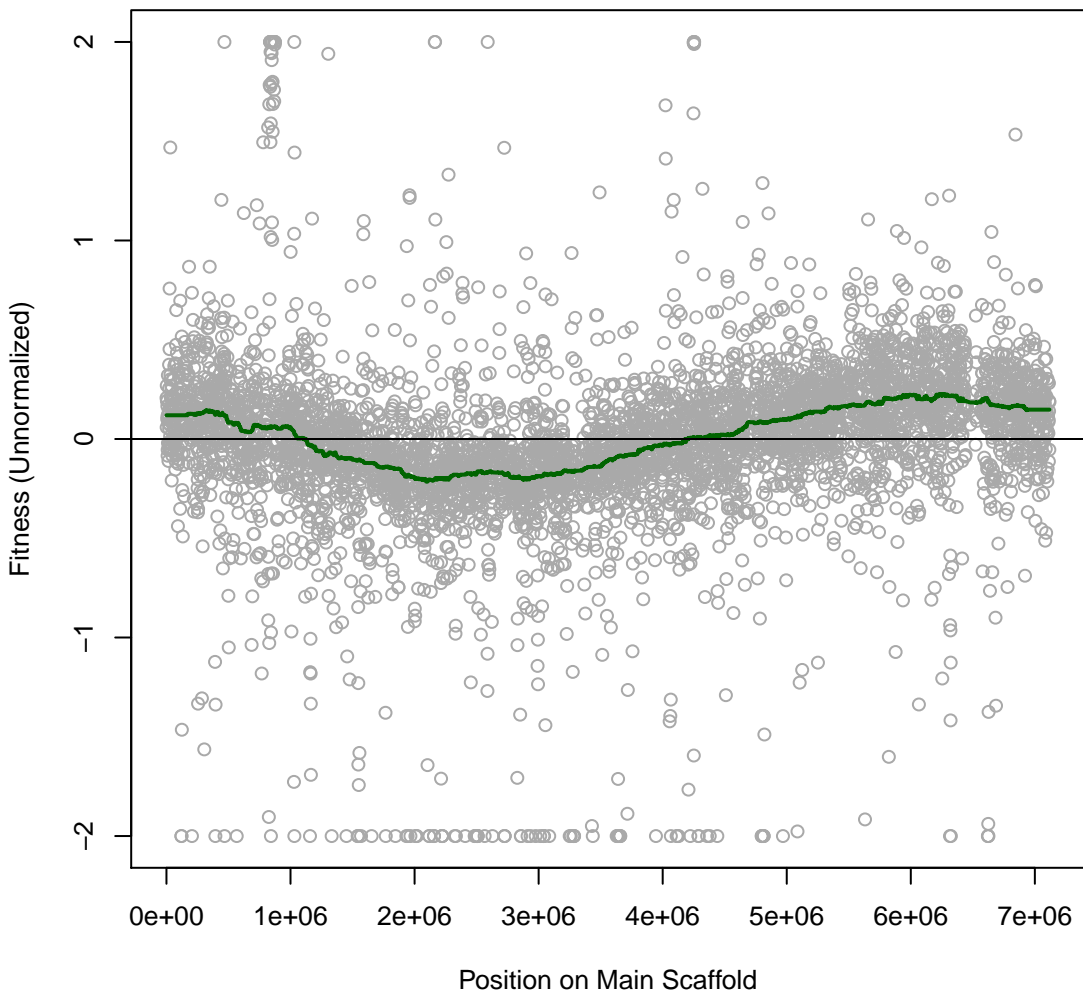
**pseudo5\_N2C3\_1 1IT003 #3 (gMed=139 rho12=0.238)**  
**Sucrose (C)**



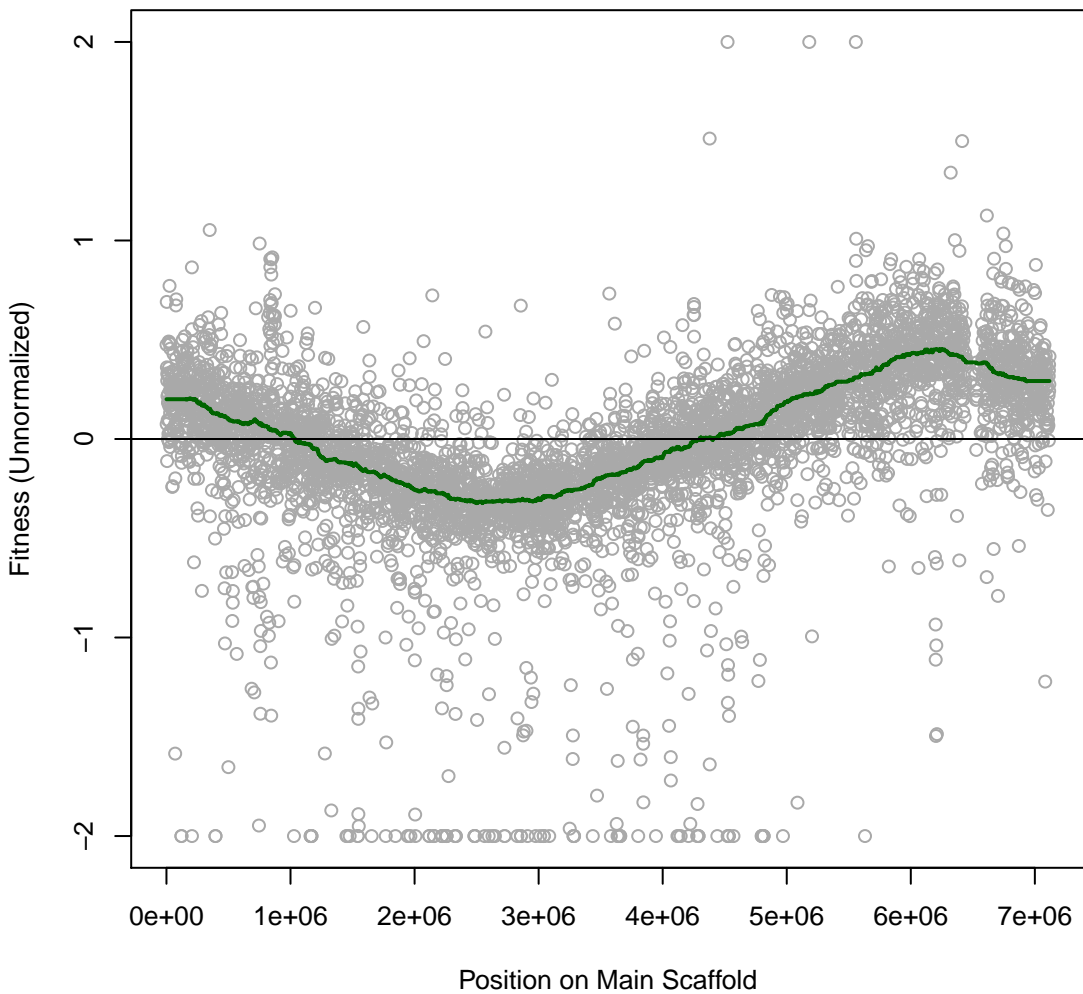
pseudo5\_N2C3\_1 1IT004 #4 (gMed=155 rho12=0.214)  
L-Arabinose (C)



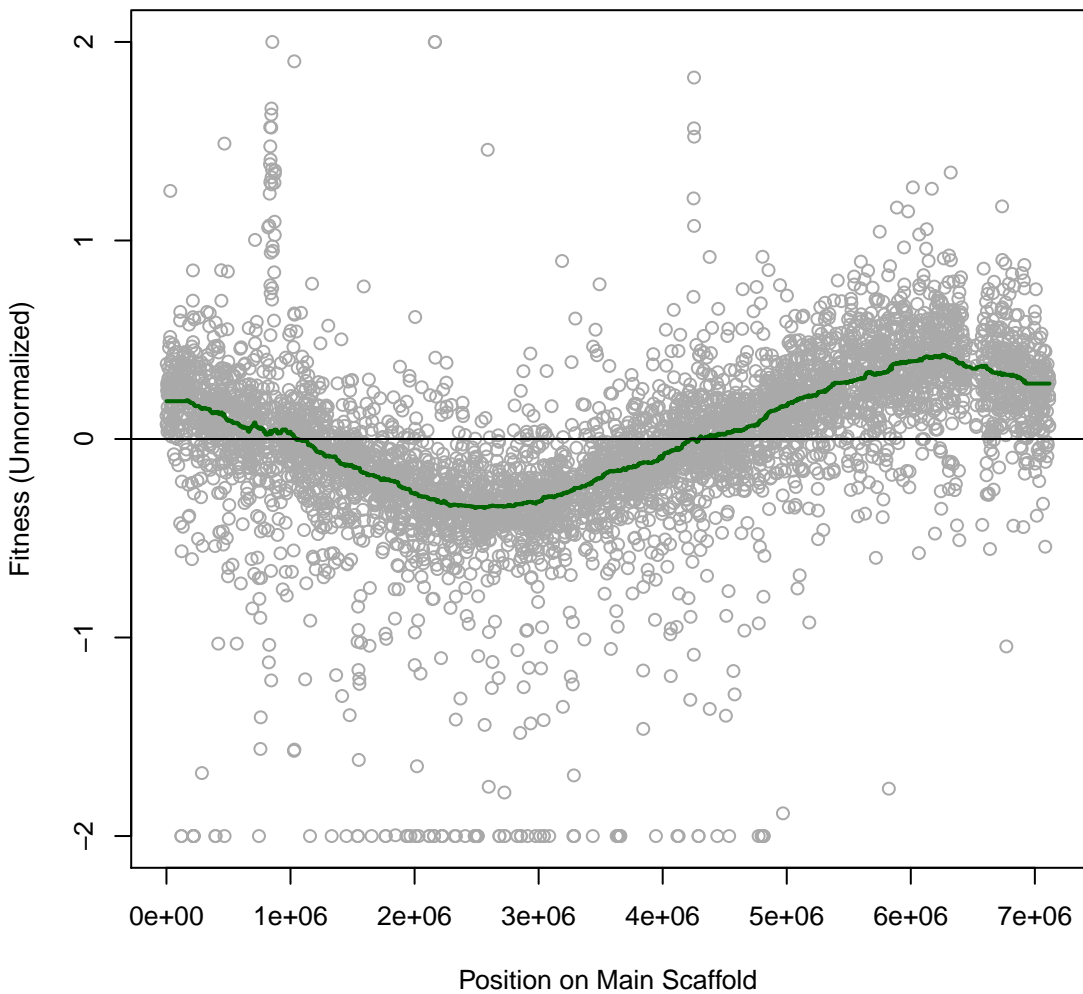
pseudo5\_N2C3\_1 1IT005 #5 (gMed=145 rho12=0.277)  
D-Xylose (C)



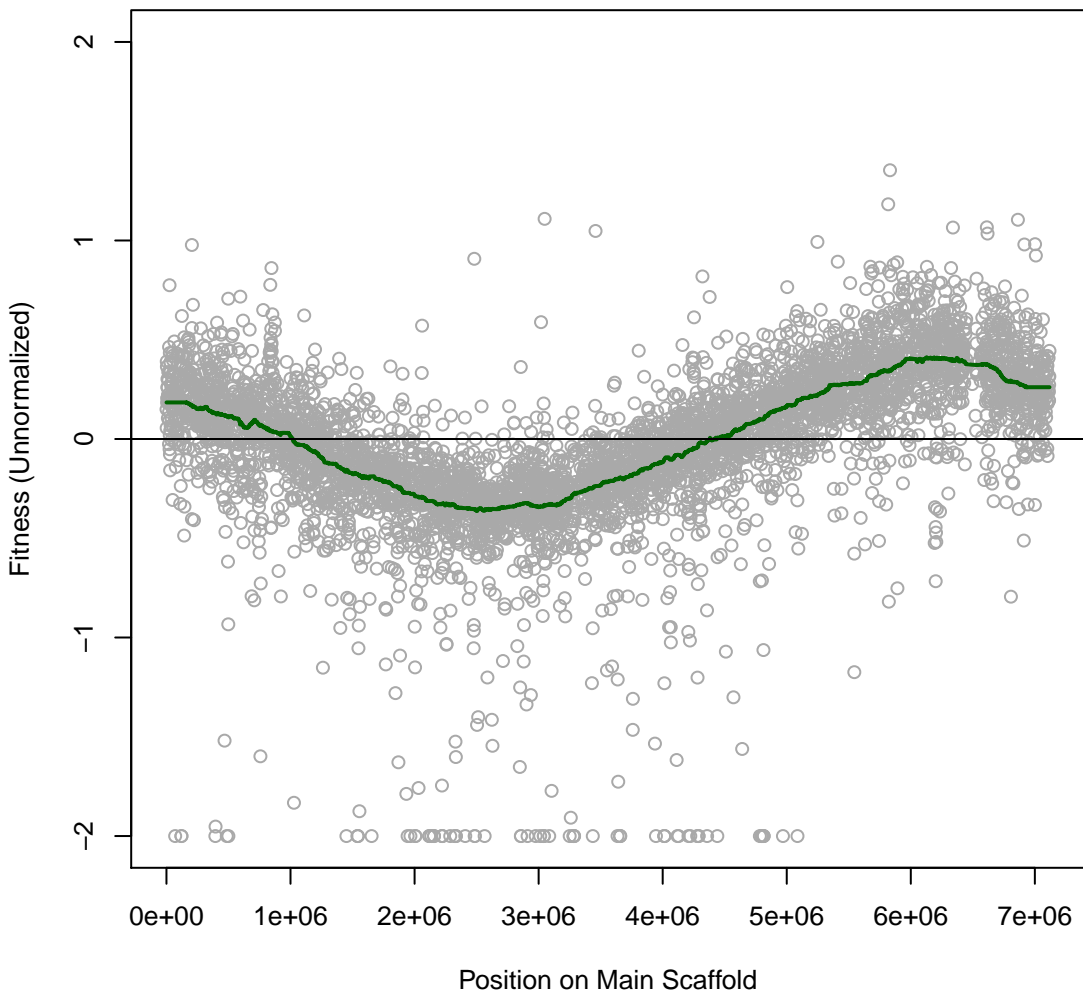
pseudo5\_N2C3\_1 1IT006 #6 (gMed=178 rho12=0.193)  
D-Galactose (C)



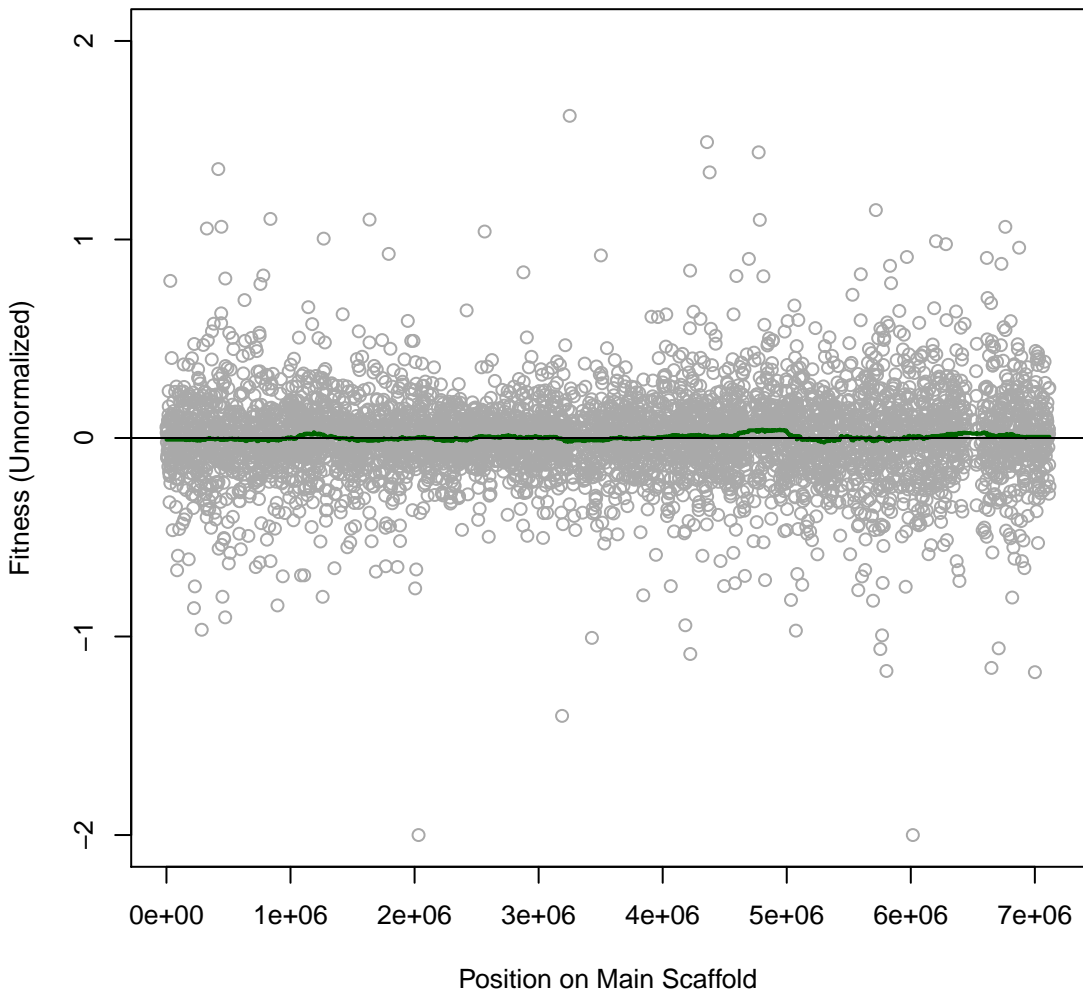
pseudo5\_N2C3\_1 1IT007 #7 (gMed=173 rho12=0.176)  
D-Ribose (C)



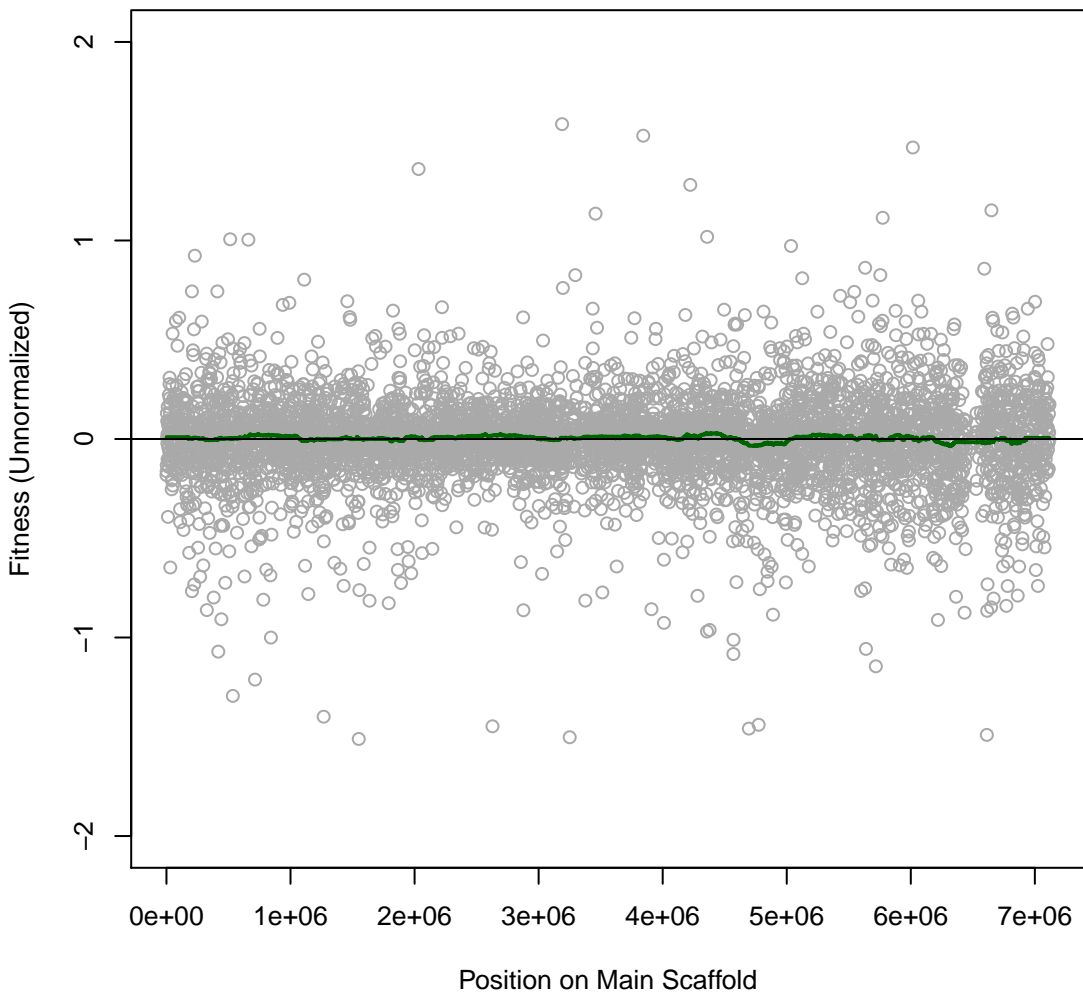
pseudo5\_N2C3\_1 1IT008 #8 (gMed=204 rho12=0.139)  
a-Ketoglutaric (C)



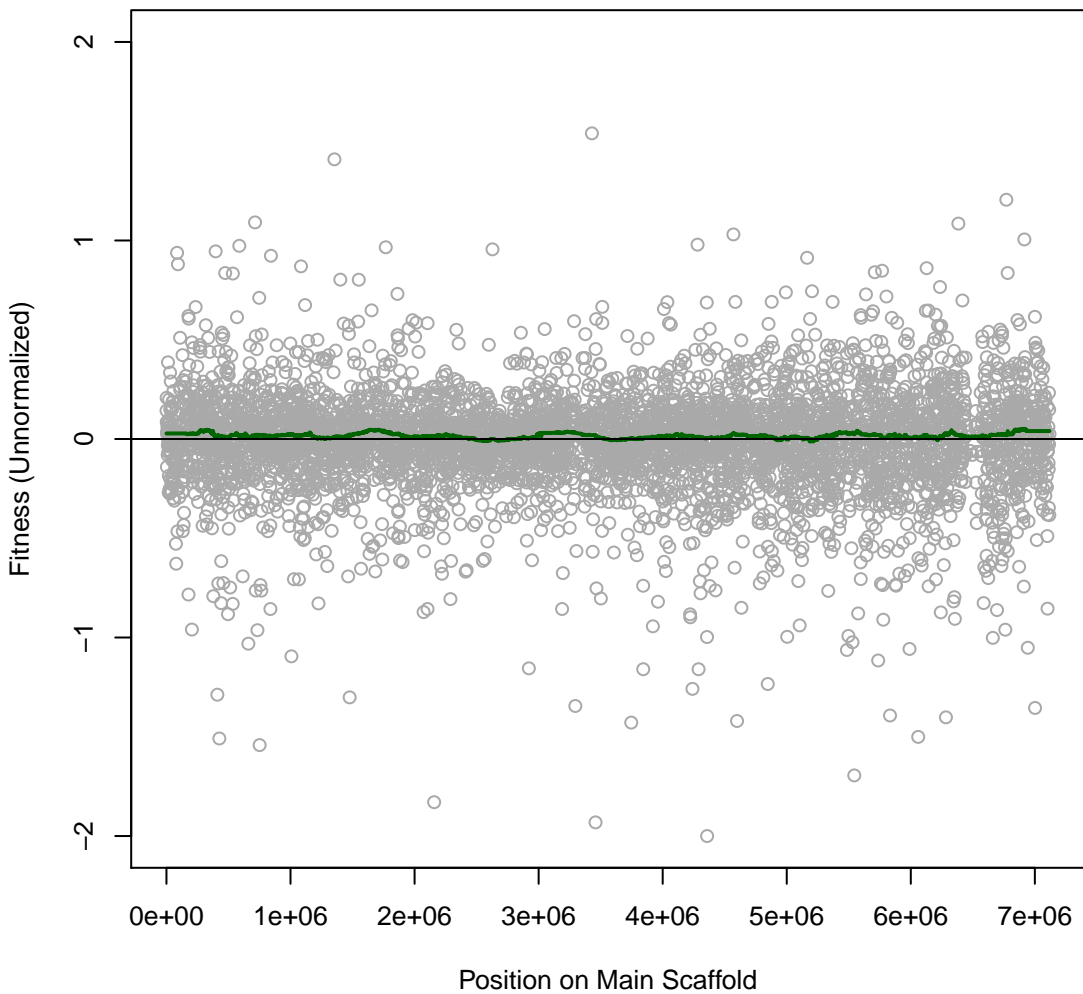
pseudo5\_N2C3\_1 1IT009 #9 (gMed=153 rho12=-0.001)  
Time0



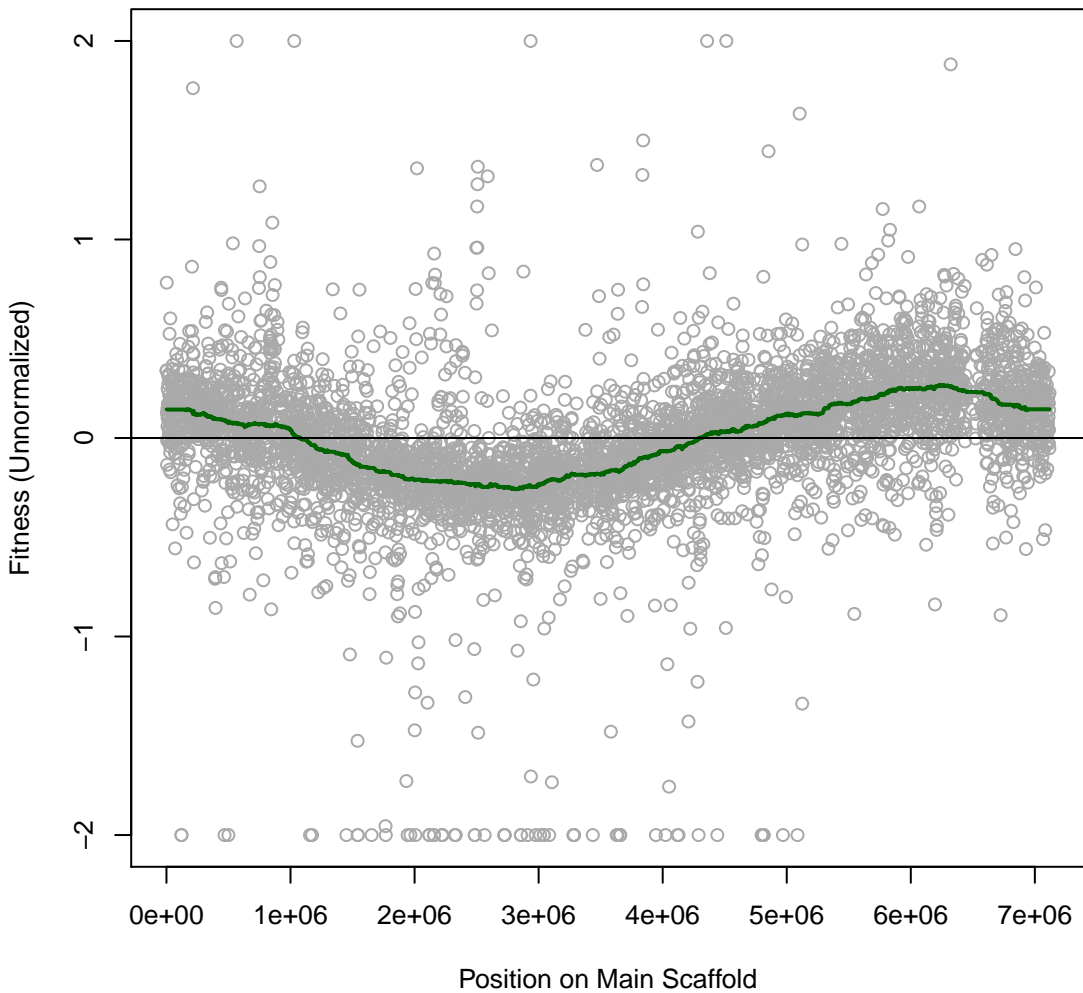
pseudo5\_N2C3\_1 1IT010 #10 (gMed=174 rho12=0.004)  
Time0



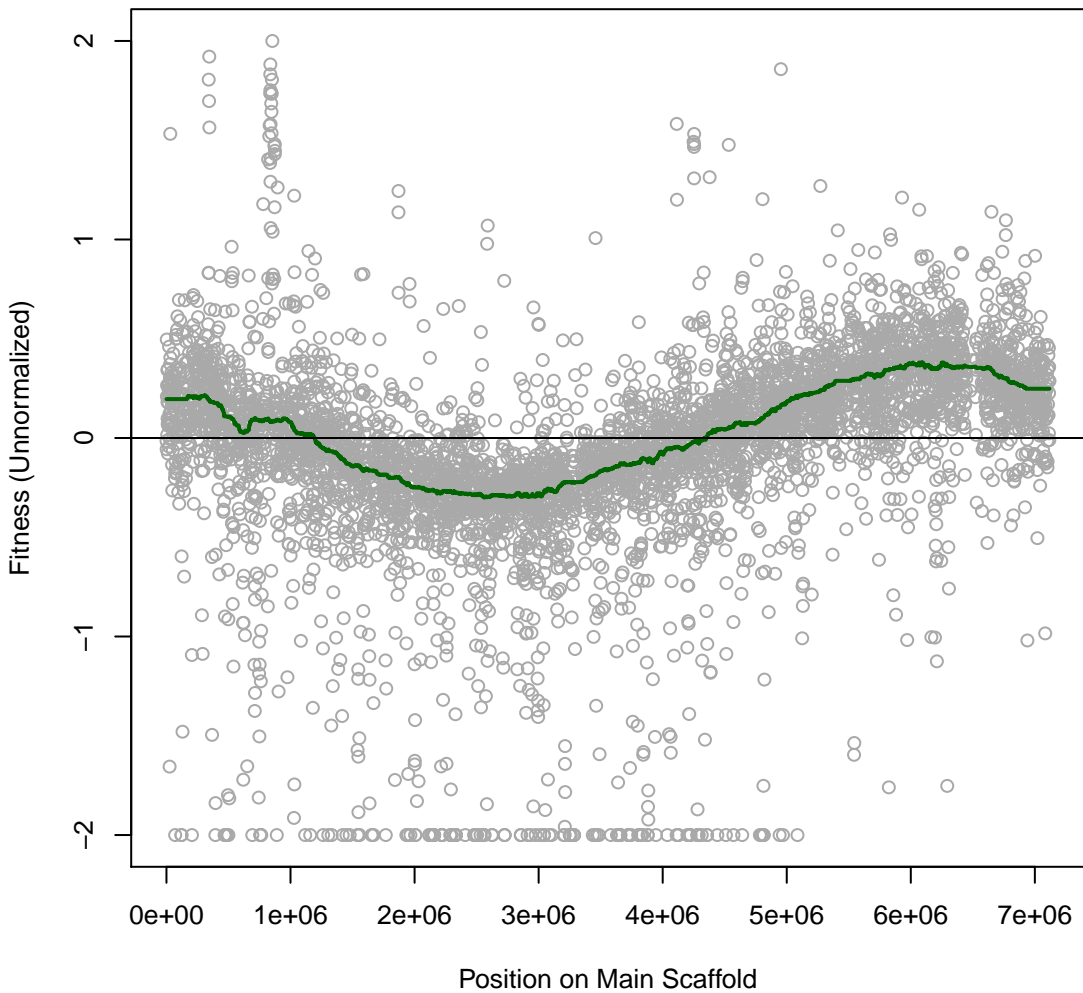
pseudo5\_N2C3\_1 1IT011 #11 (gMed=94 rho12=0.016)  
Time0



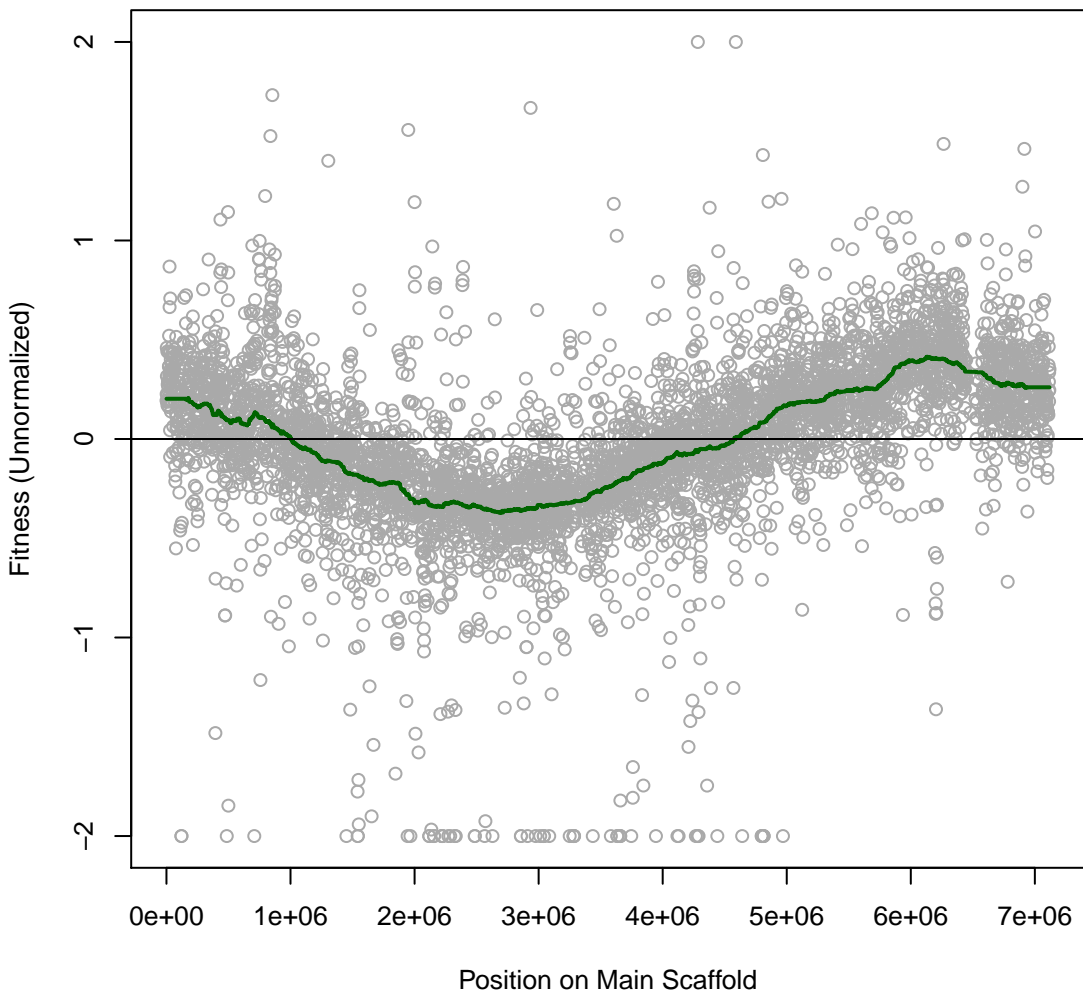
pseudo5\_N2C3\_1 1IT012 #12 (gMed=188 rho12=0.166)  
D-Gluconic Acid (C)



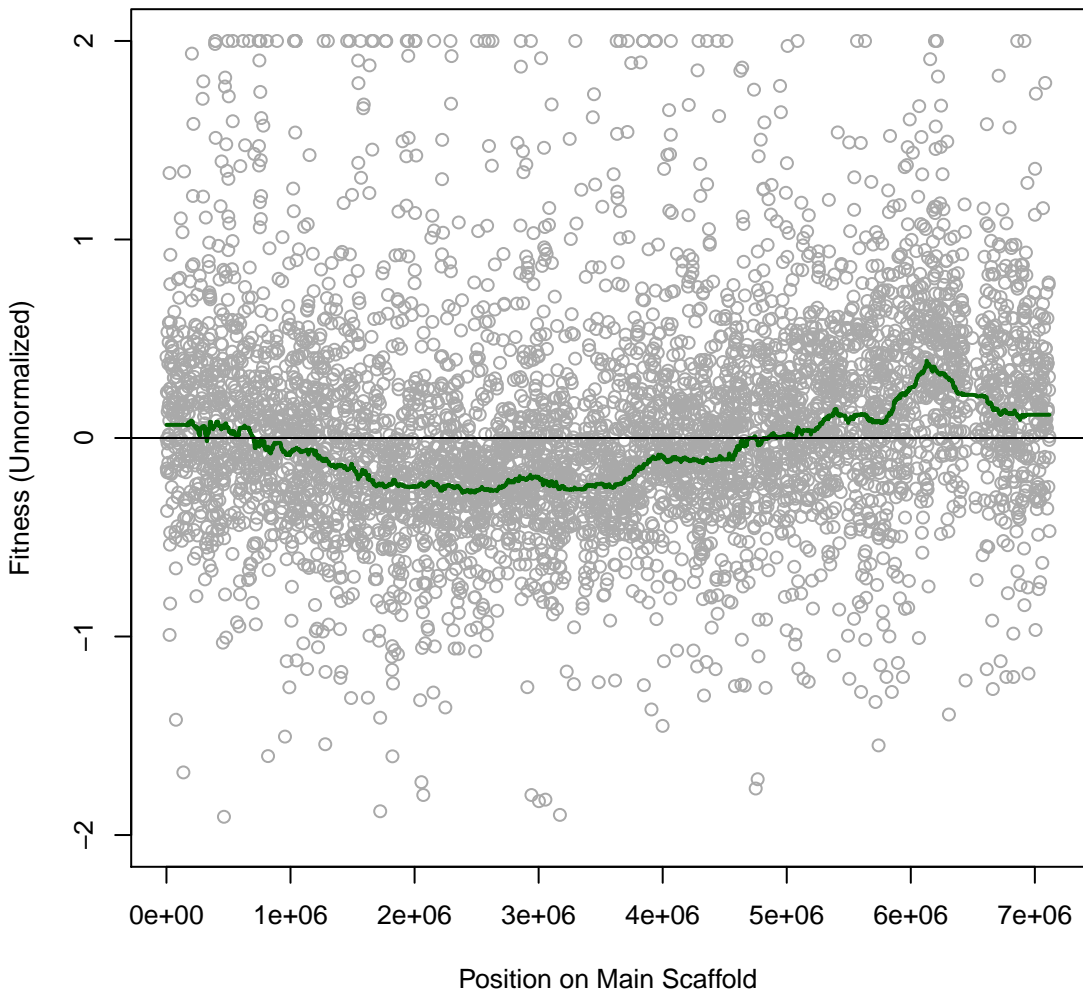
**pseudo5\_N2C3\_1 1IT013 #13 (gMed=195 rho12=0.391)  
acetate (C)**



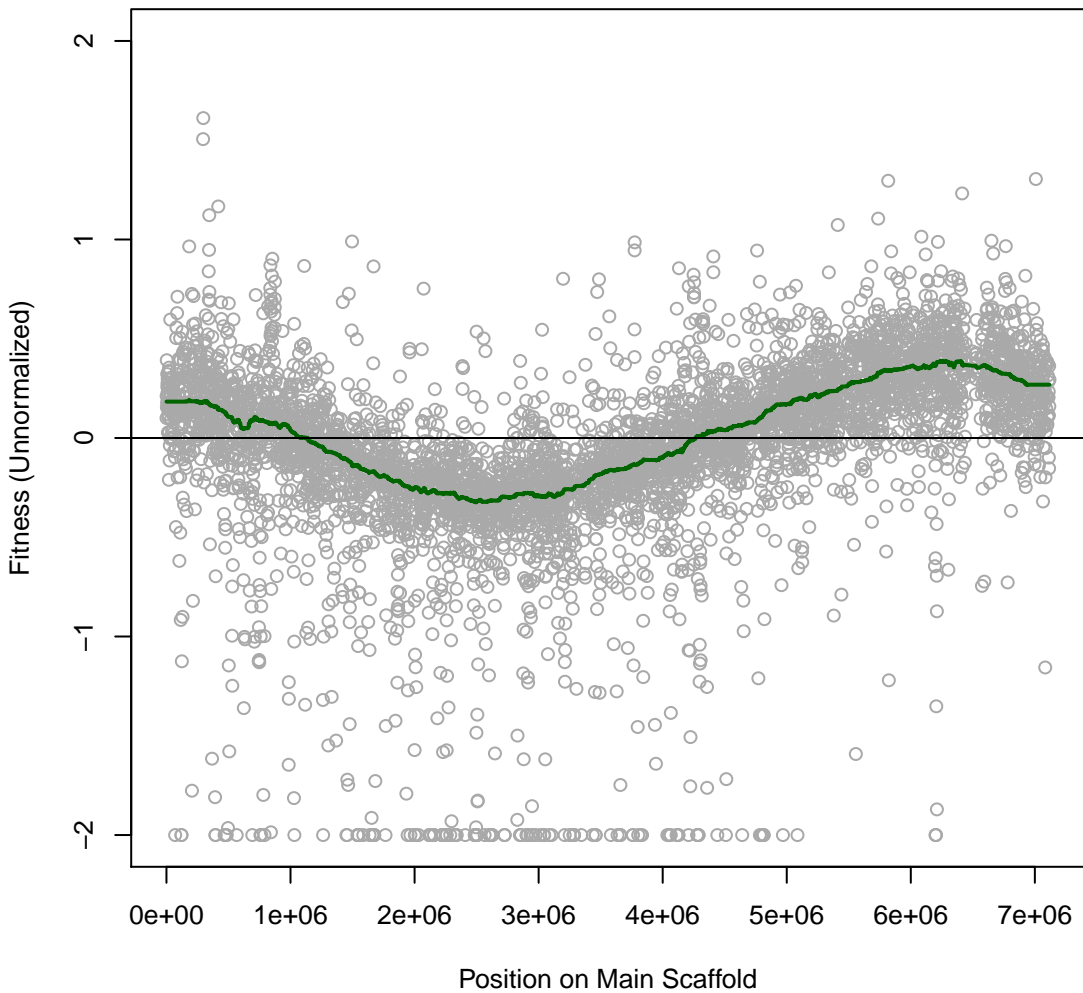
pseudo5\_N2C3\_1 1IT014 #14 (gMed=177 rho12=0.262)  
Fumarate (C)



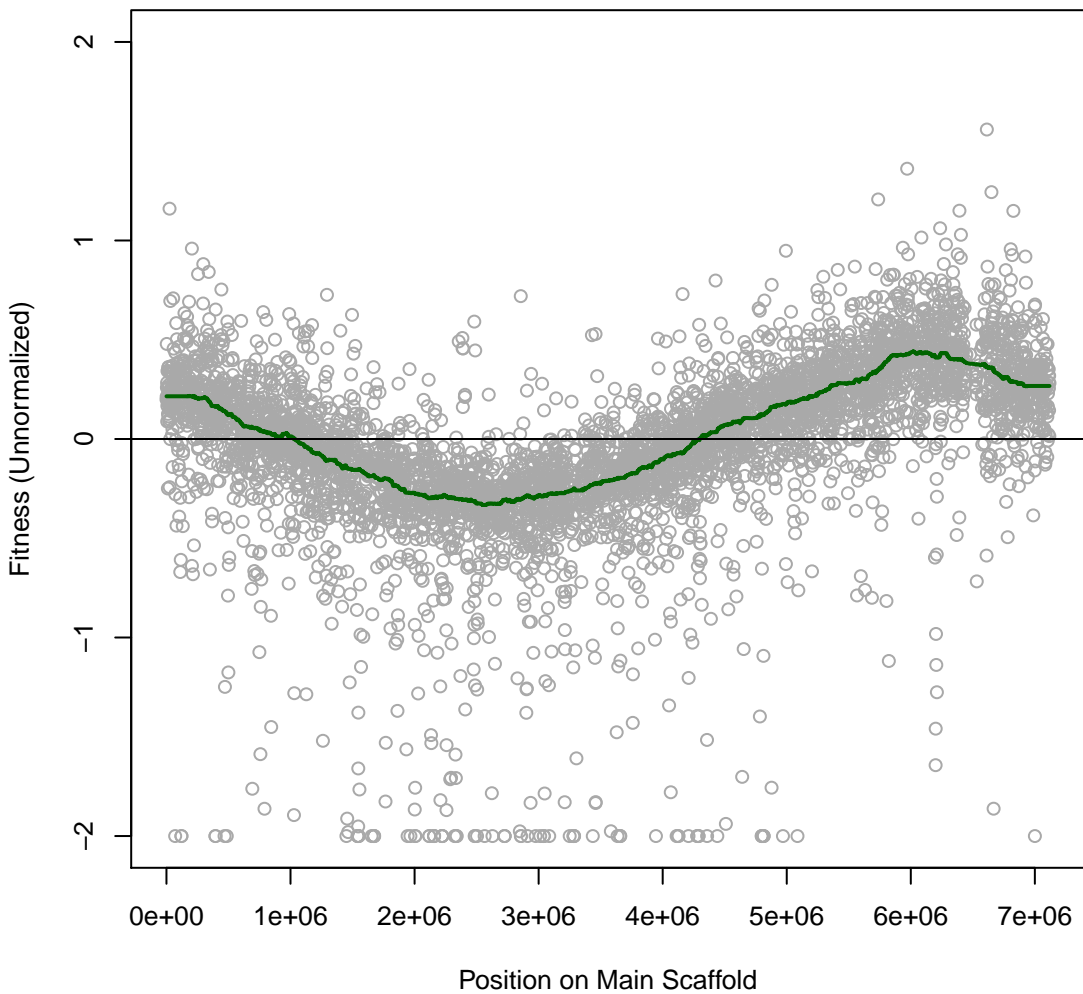
**pseudo5\_N2C3\_1 1IT015 #15 (gMed=4 rho12=0.108)**  
**Trisodium citrate (C)**



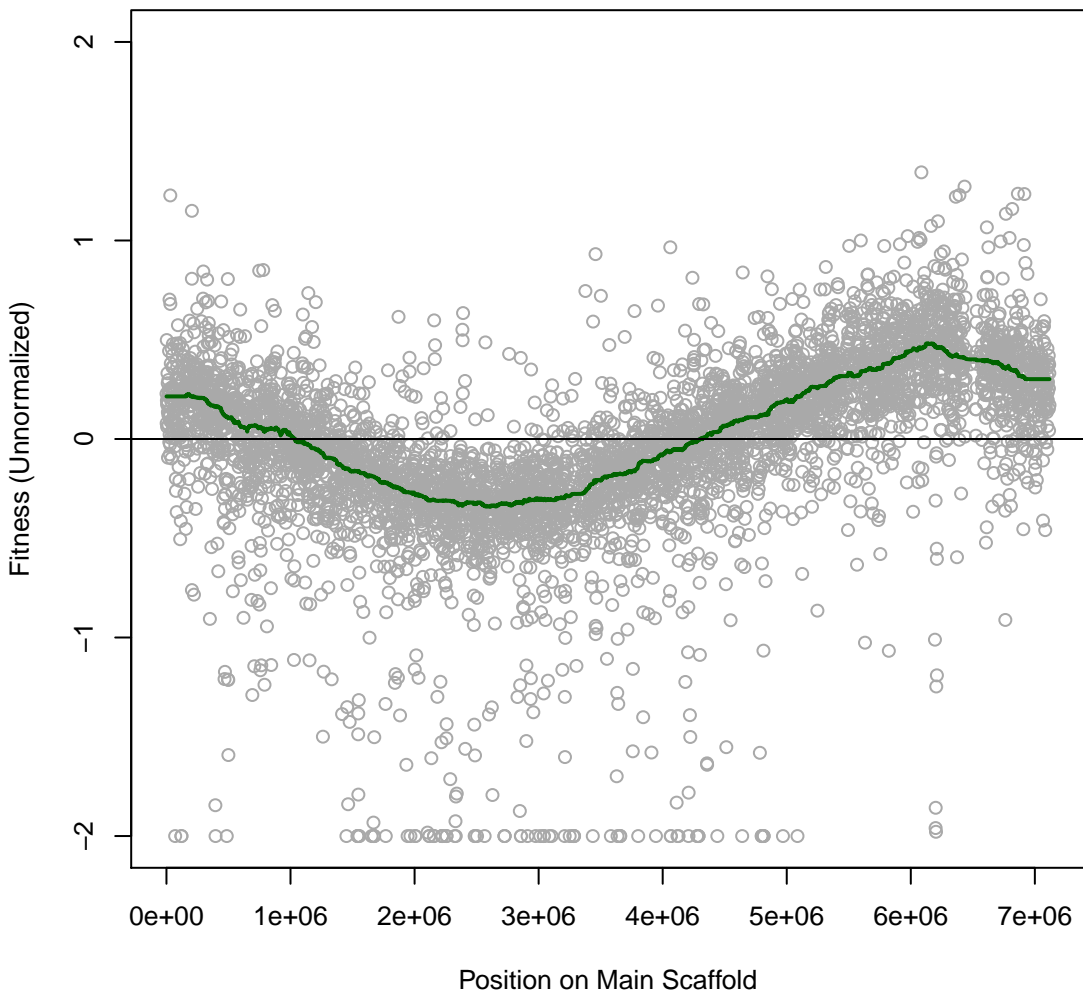
pseudo5\_N2C3\_1 1IT016 #16 (gMed=172 rho12=0.293)  
D-Lactate (C)



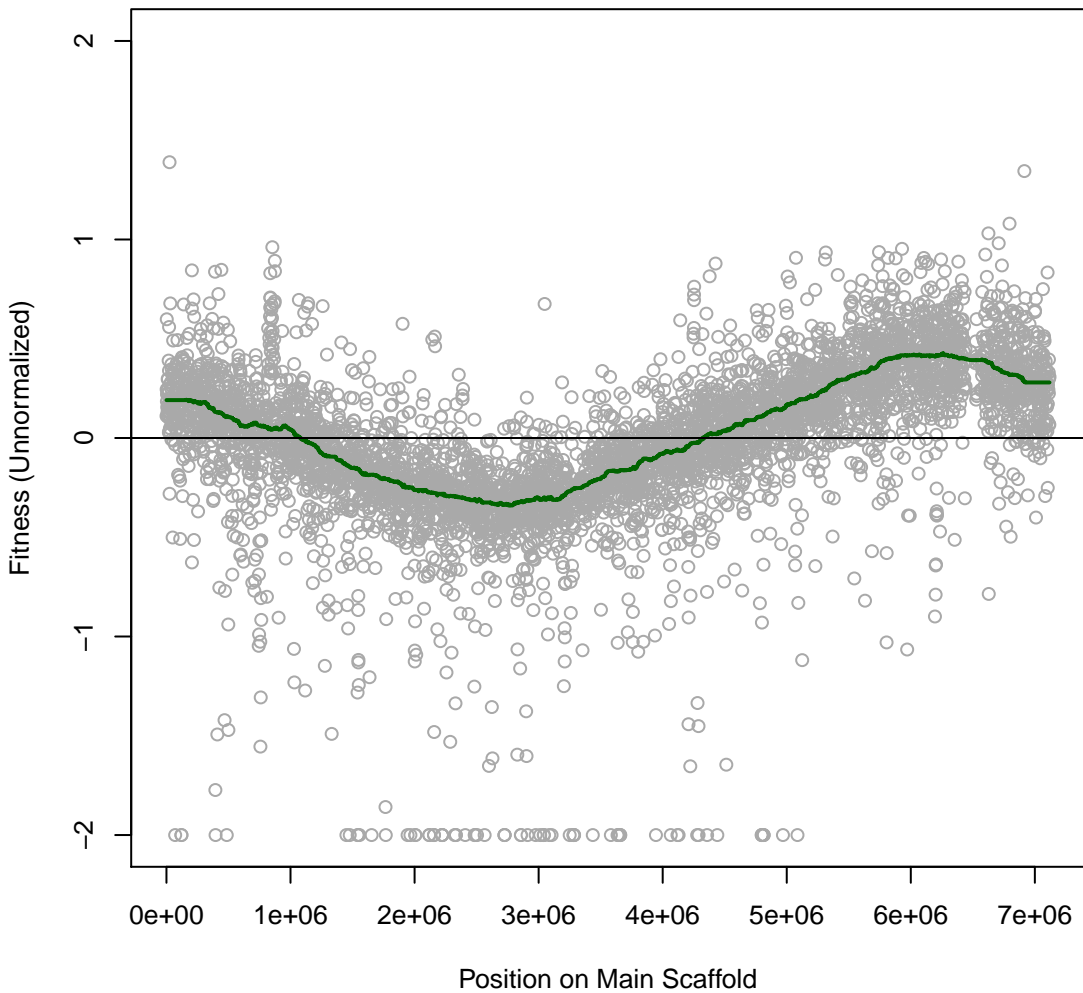
pseudo5\_N2C3\_1 1IT017 #17 (gMed=144 rho12=0.166)  
L-Lactate (C)



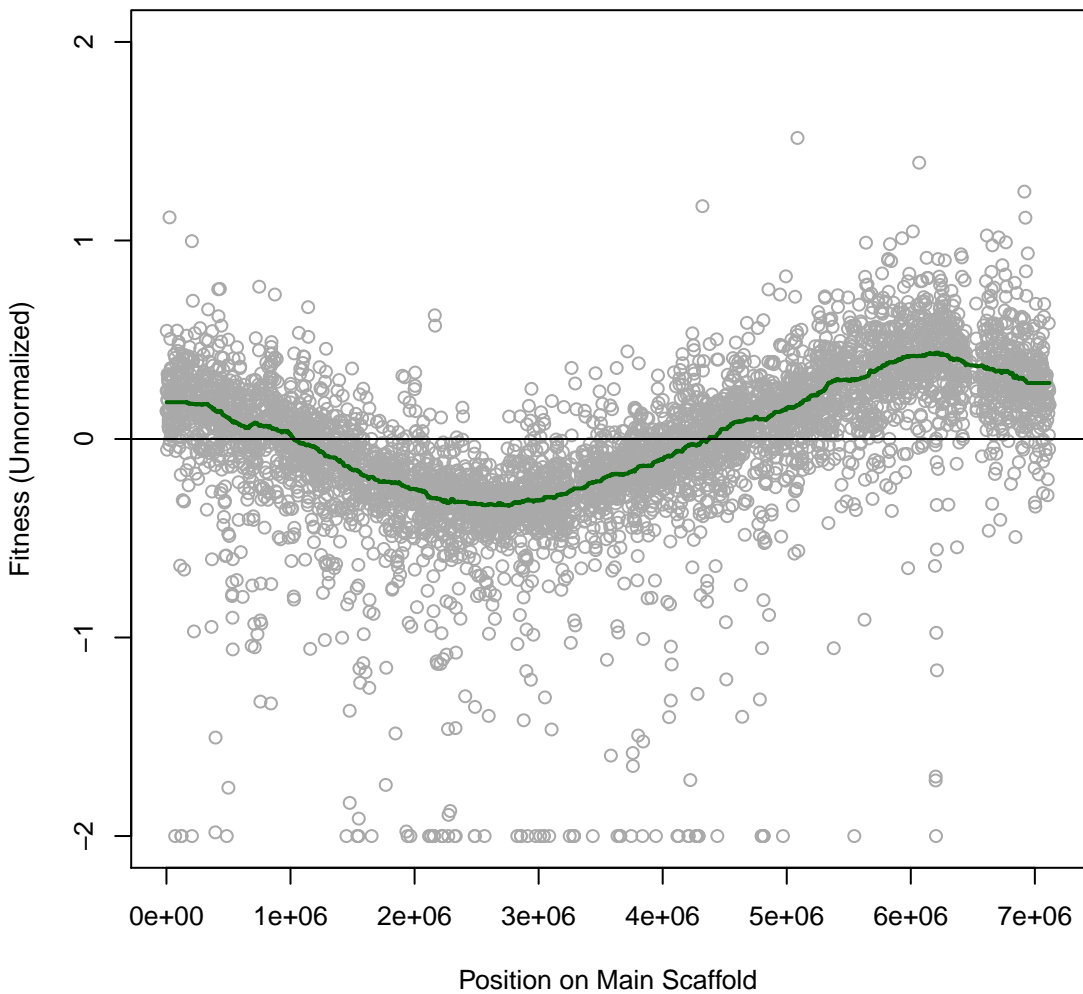
pseudo5\_N2C3\_1 1IT018 #18 (gMed=129 rho12=0.181)  
D,L-Lactate (C)



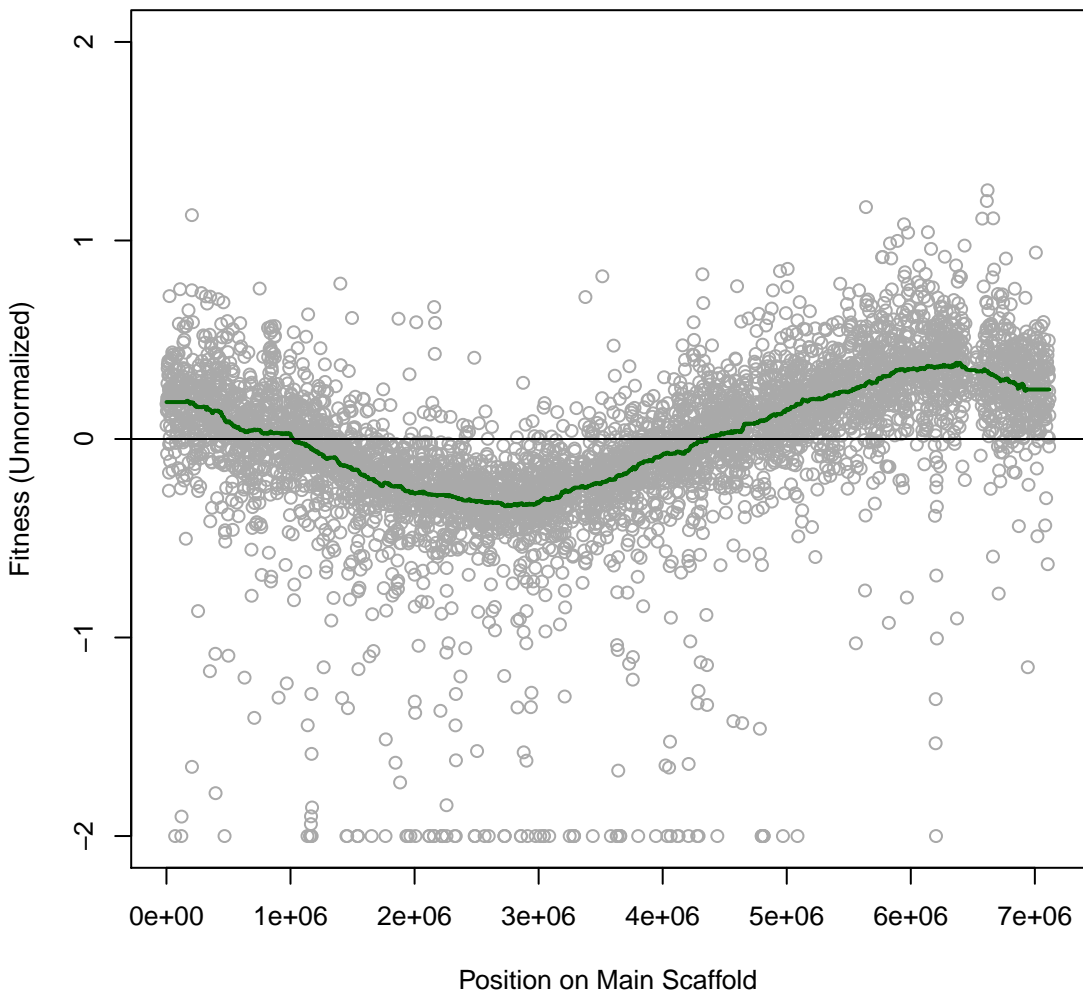
**pseudo5\_N2C3\_1 1IT019 #19 (gMed=157 rho12=0.168)**  
**pyruvate (C)**



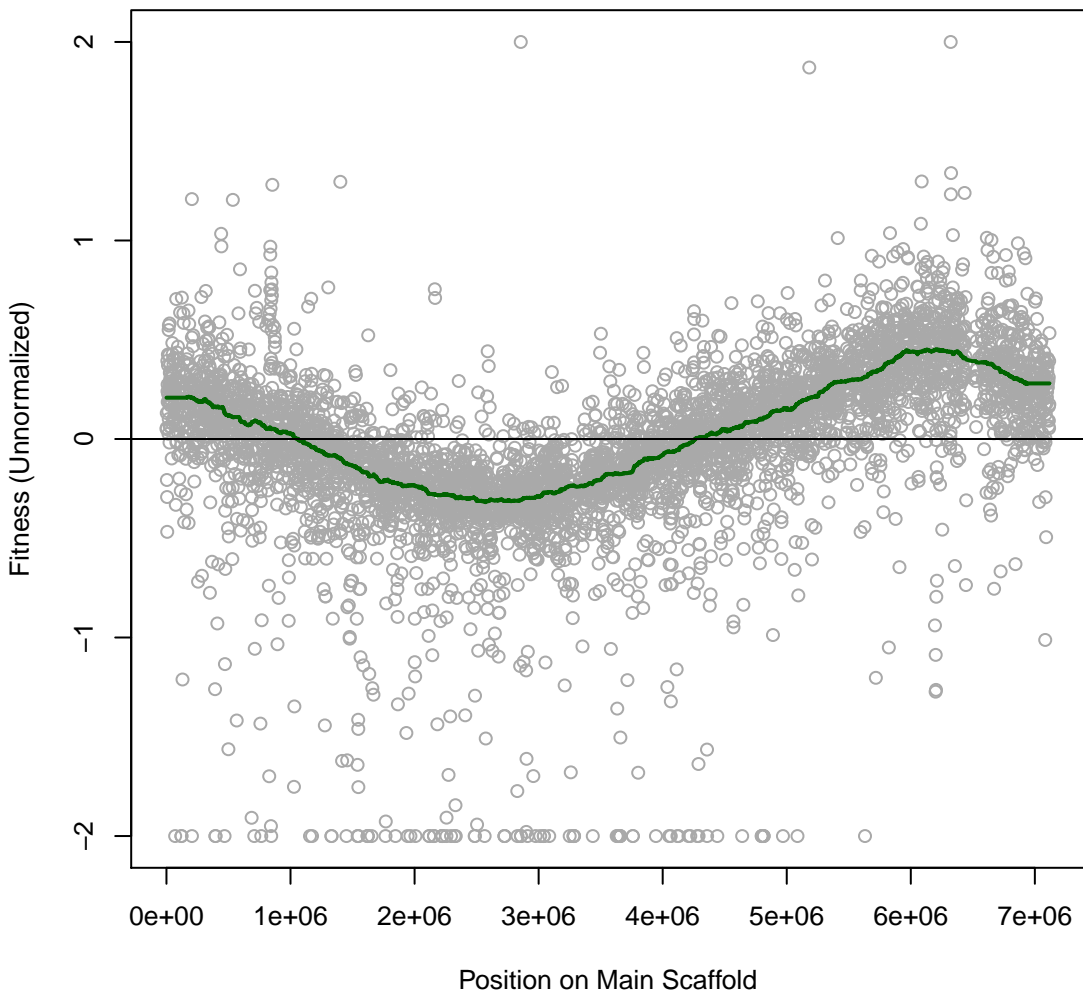
**pseudo5\_N2C3\_1 1IT020 #20 (gMed=170 rho12=0.156)  
succinate (C)**



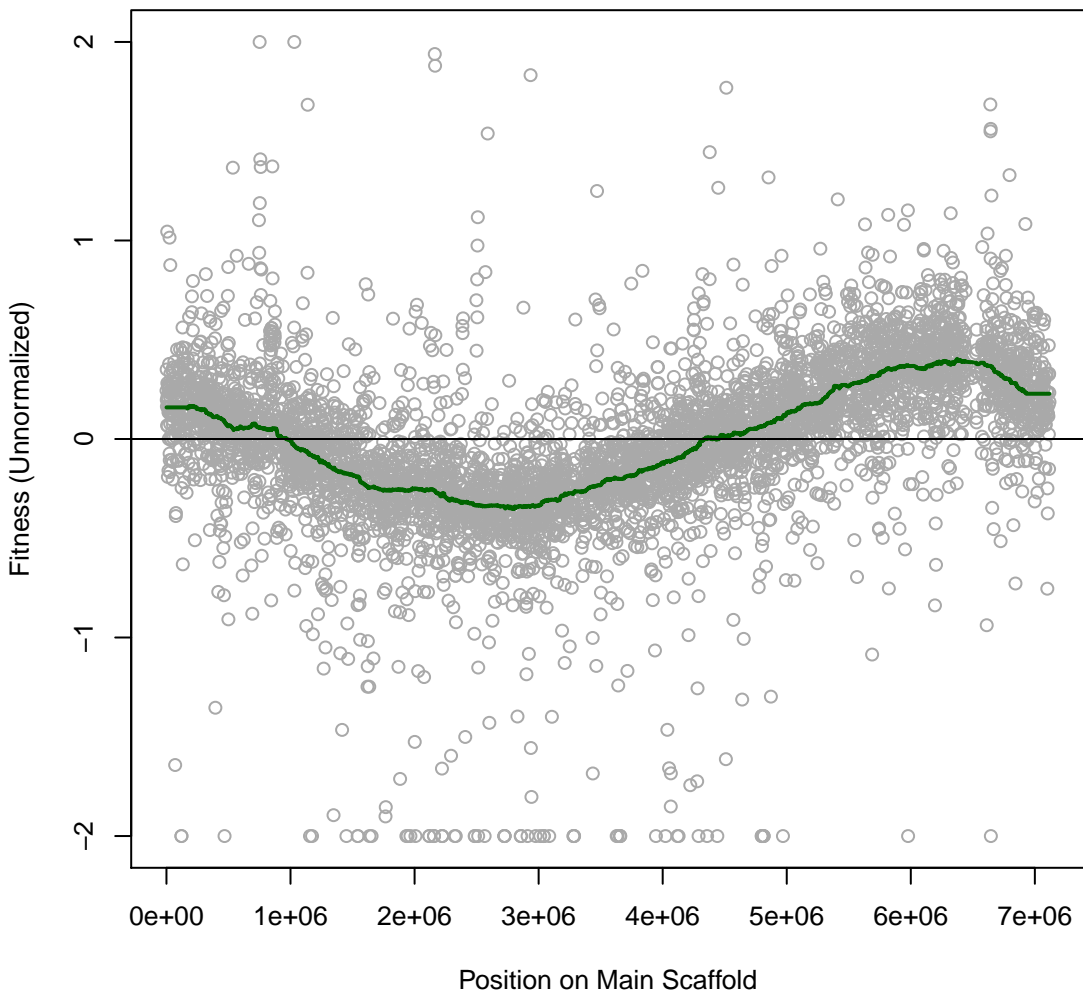
pseudo5\_N2C3\_1 11T021 #21 (gMed=153 rho12=0.142)  
D-Glucose (C)



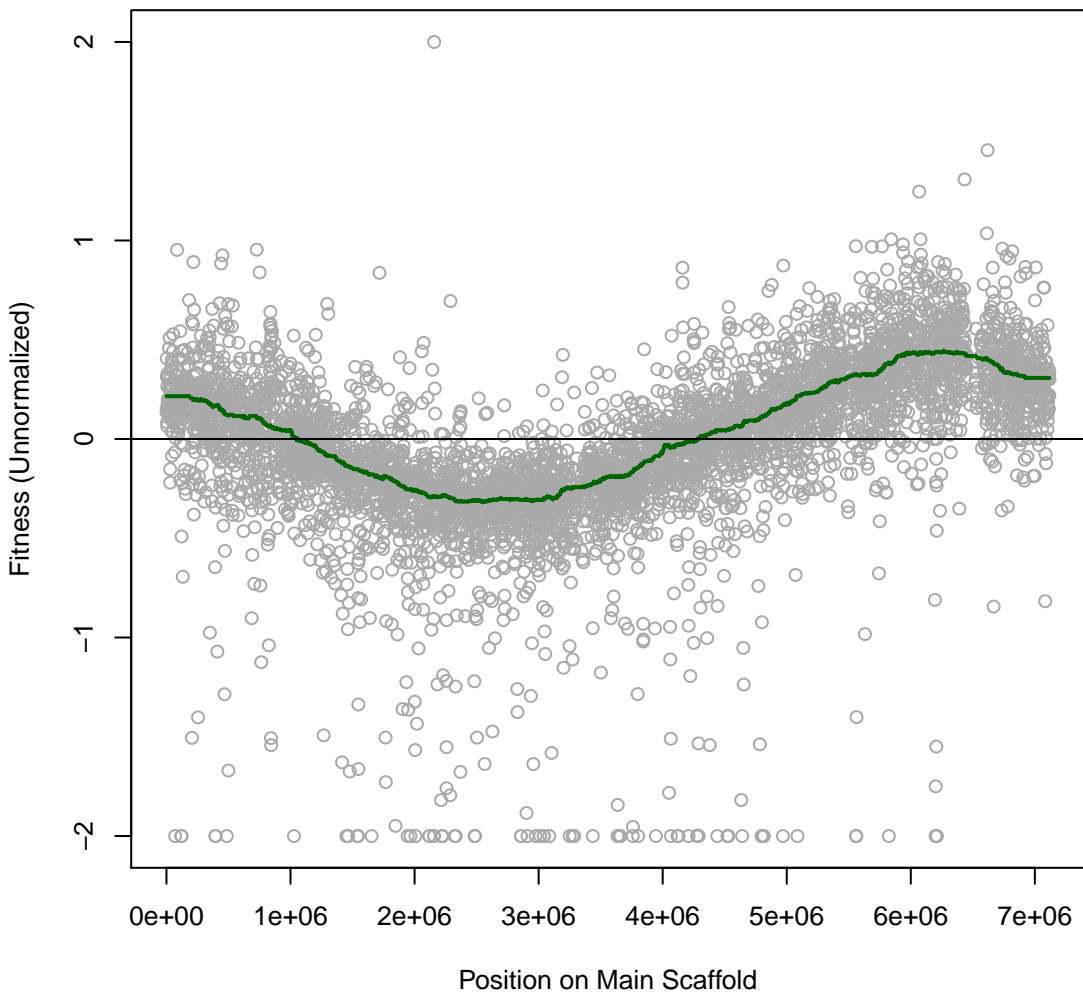
pseudo5\_N2C3\_1 1IT022 #22 (gMed=158 rho12=0.217)  
D-Fructose (C)



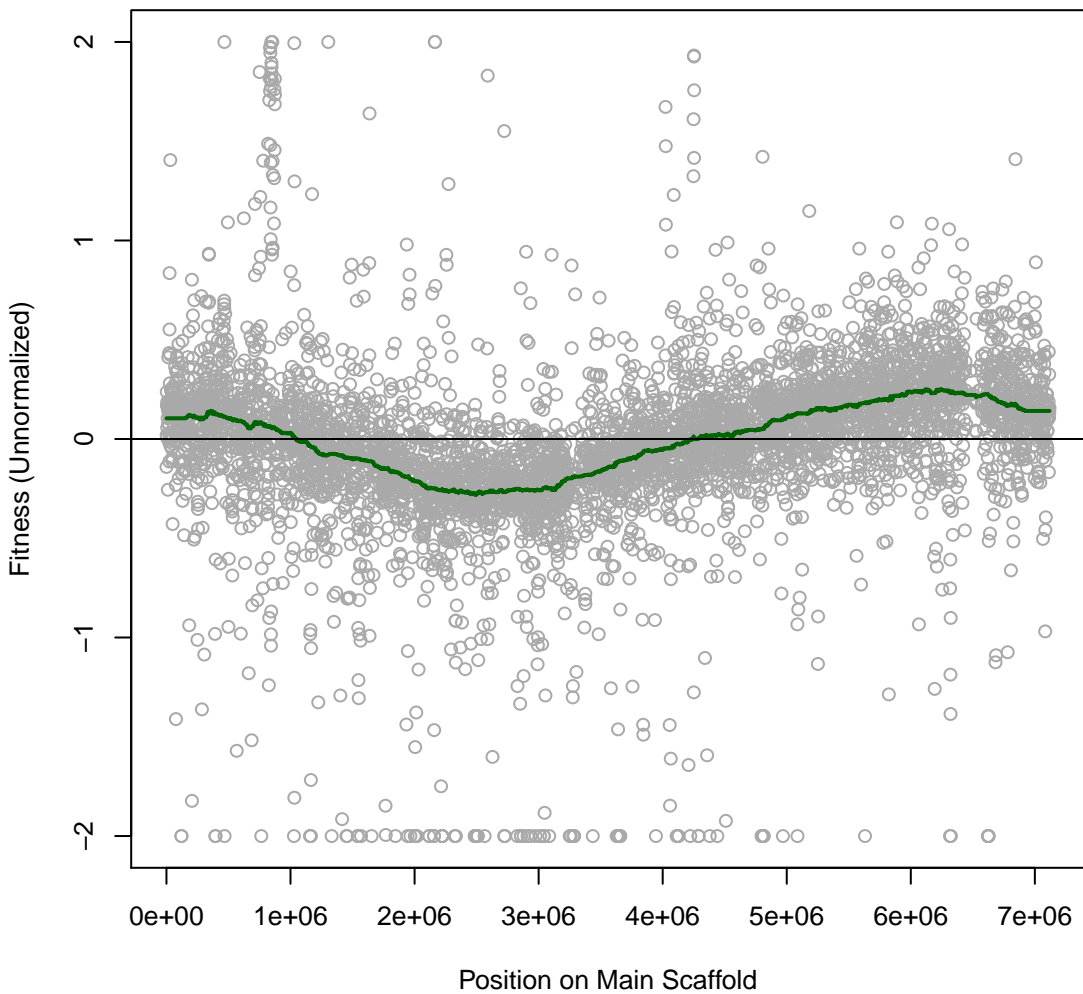
pseudo5\_N2C3\_1 1IT023 #23 (gMed=141 rho12=0.191)  
Sucrose (C)



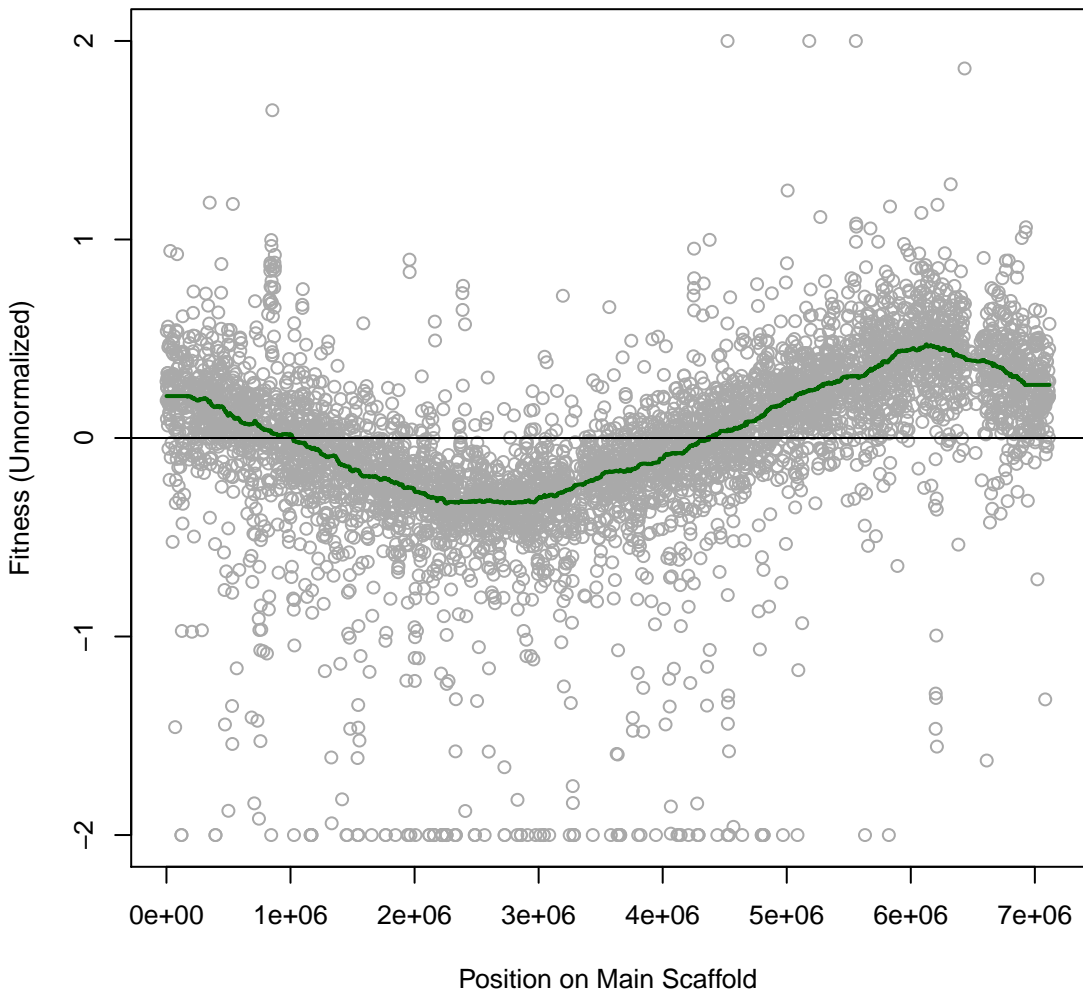
pseudo5\_N2C3\_1 1IT024 #24 (gMed=152 rho12=0.166)  
L-Arabinose (C)



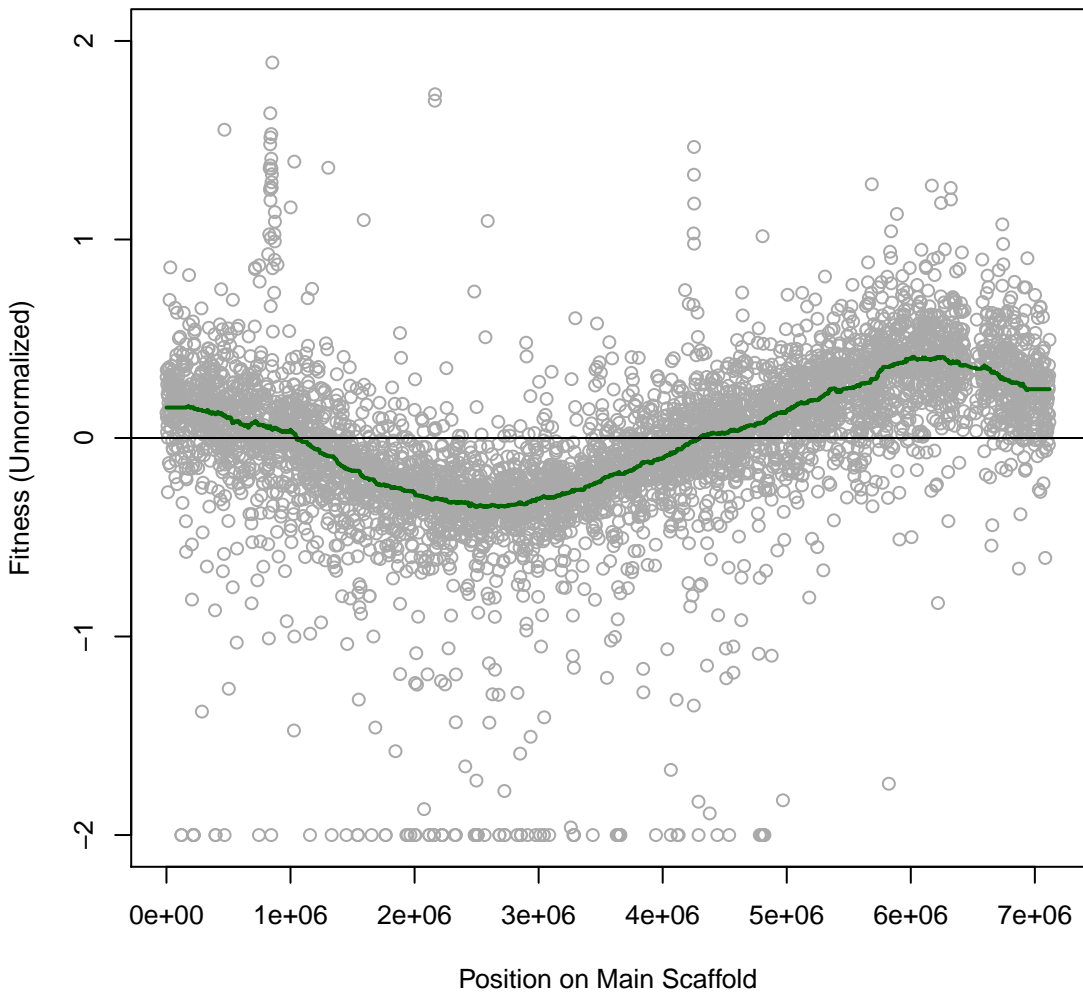
pseudo5\_N2C3\_1 1IT025 #25 (gMed=166 rho12=0.269)  
D-Xylose (C)



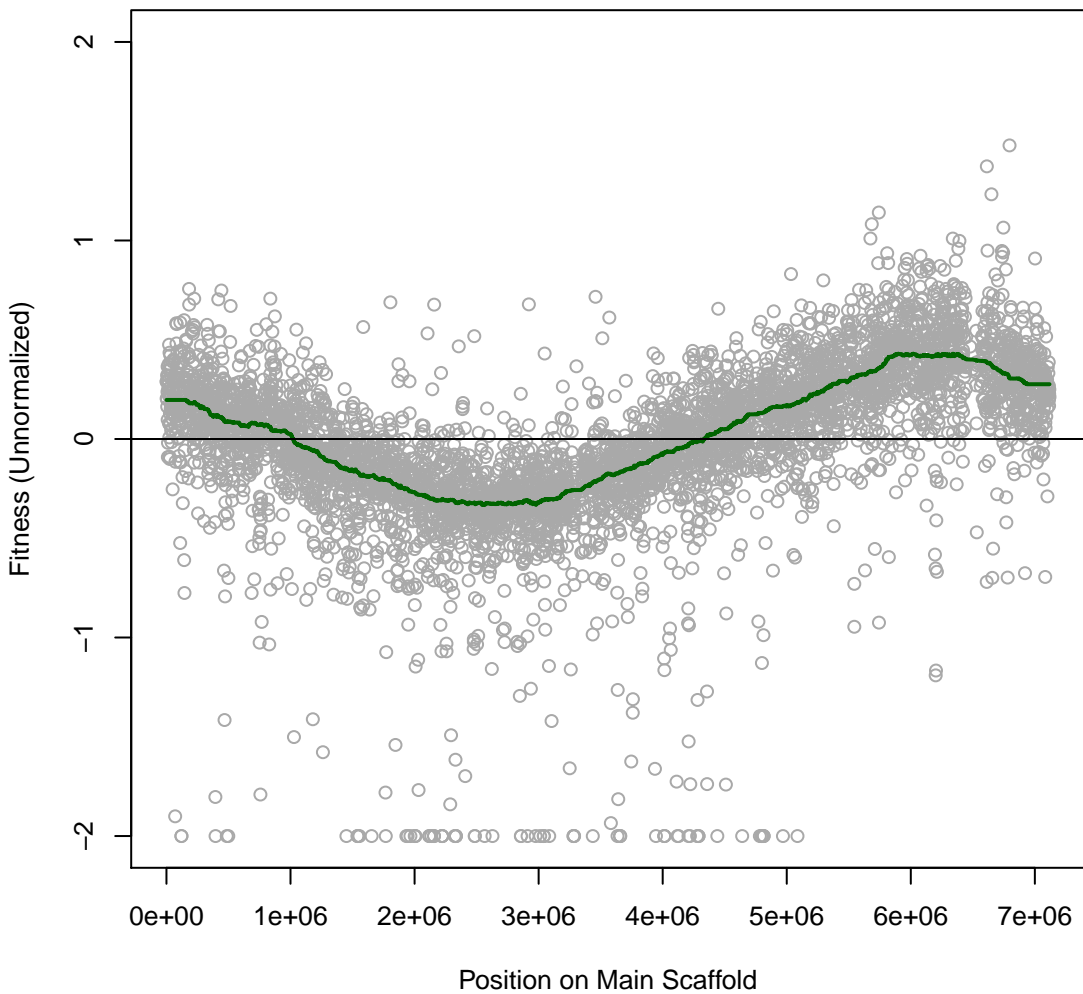
pseudo5\_N2C3\_1 1IT026 #26 (gMed=158 rho12=0.256)  
D-Galactose (C)



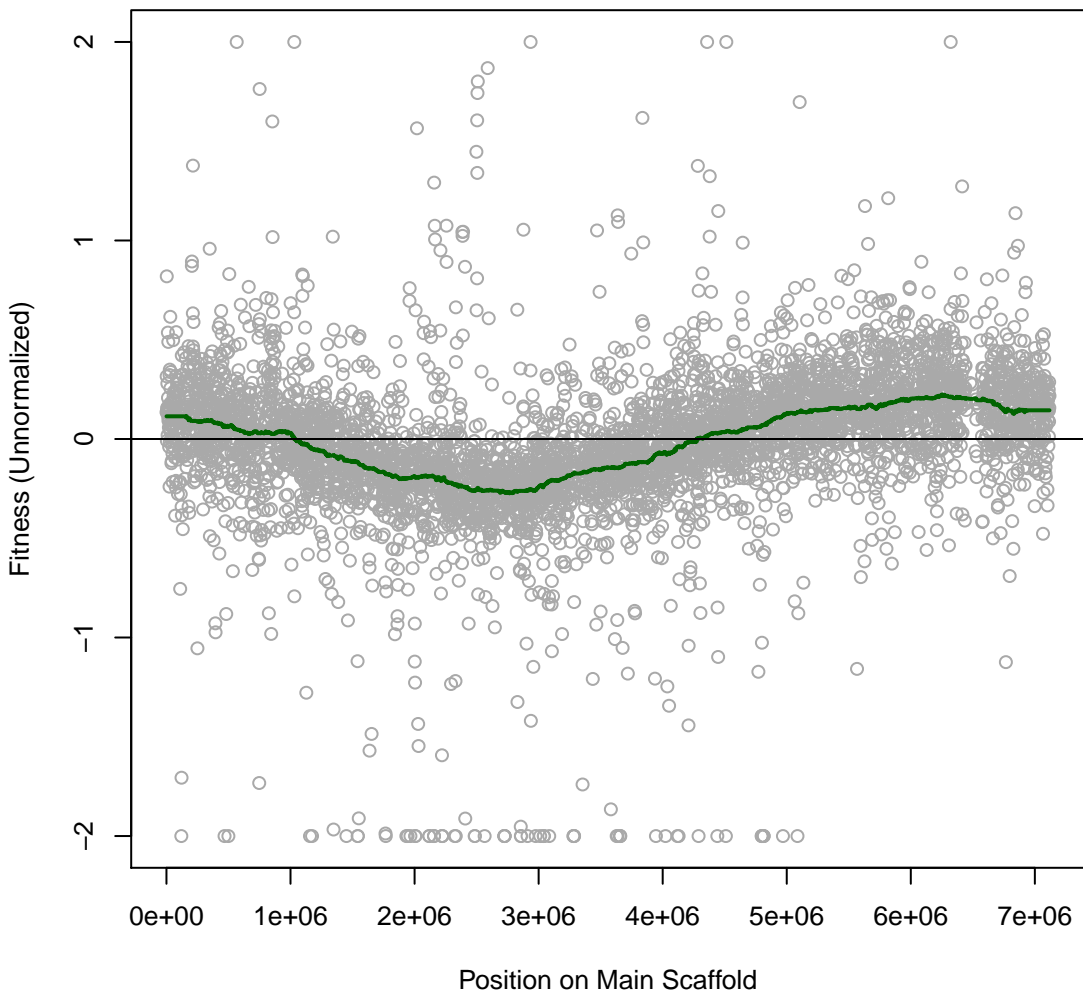
pseudo5\_N2C3\_1 1IT027 #27 (gMed=167 rho12=0.190)  
D-Ribose (C)



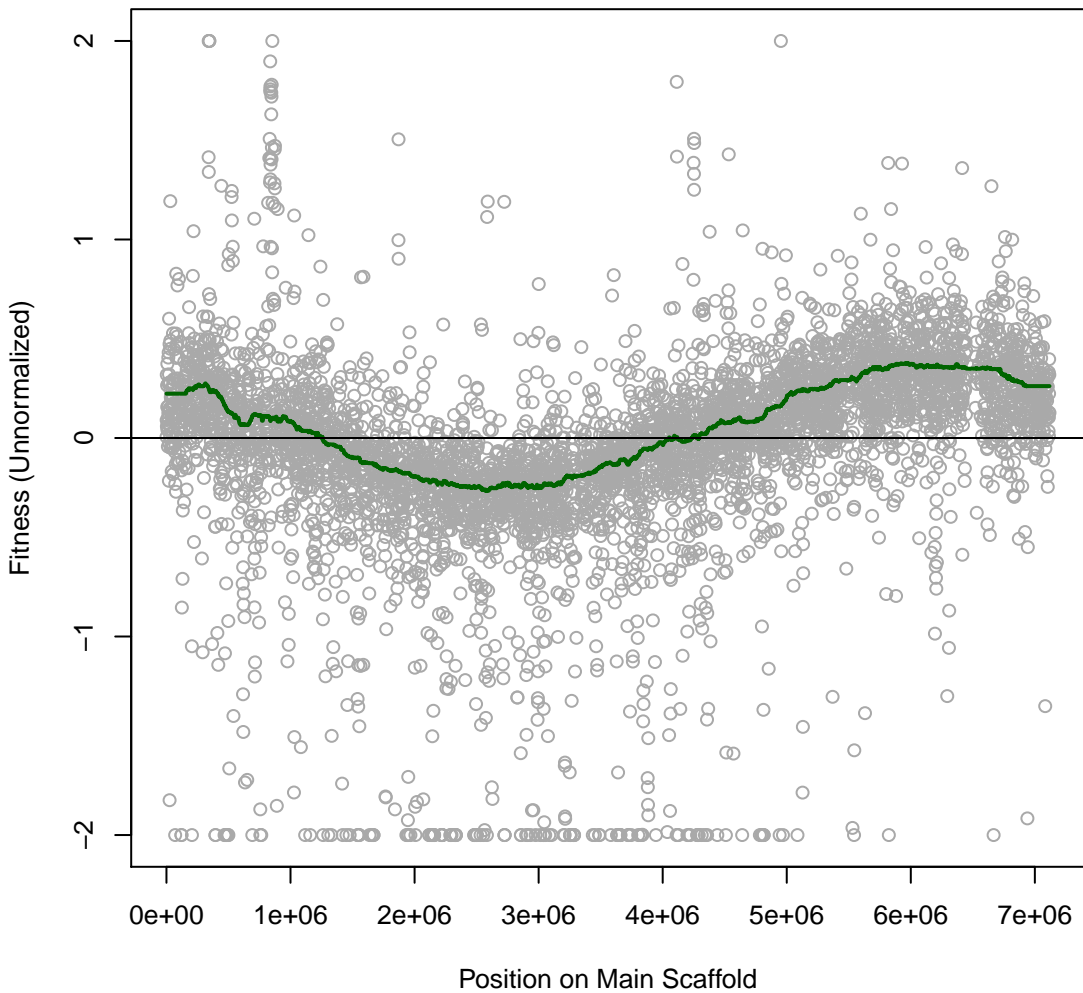
pseudo5\_N2C3\_1 1IT028 #28 (gMed=139 rho12=0.142)  
a-Ketoglutaric (C)



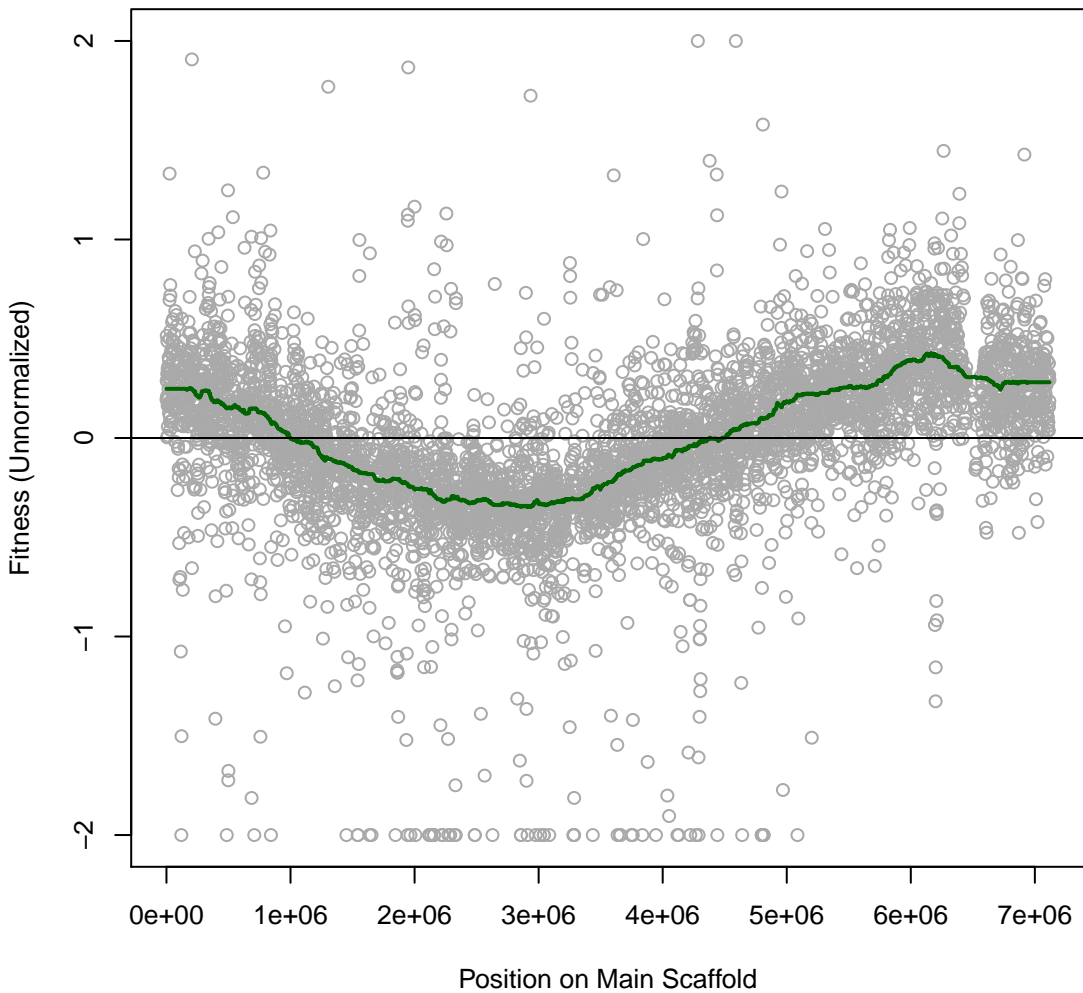
pseudo5\_N2C3\_1 1IT029 #29 (gMed=172 rho12=0.204)  
D-Gluconic Acid (C)



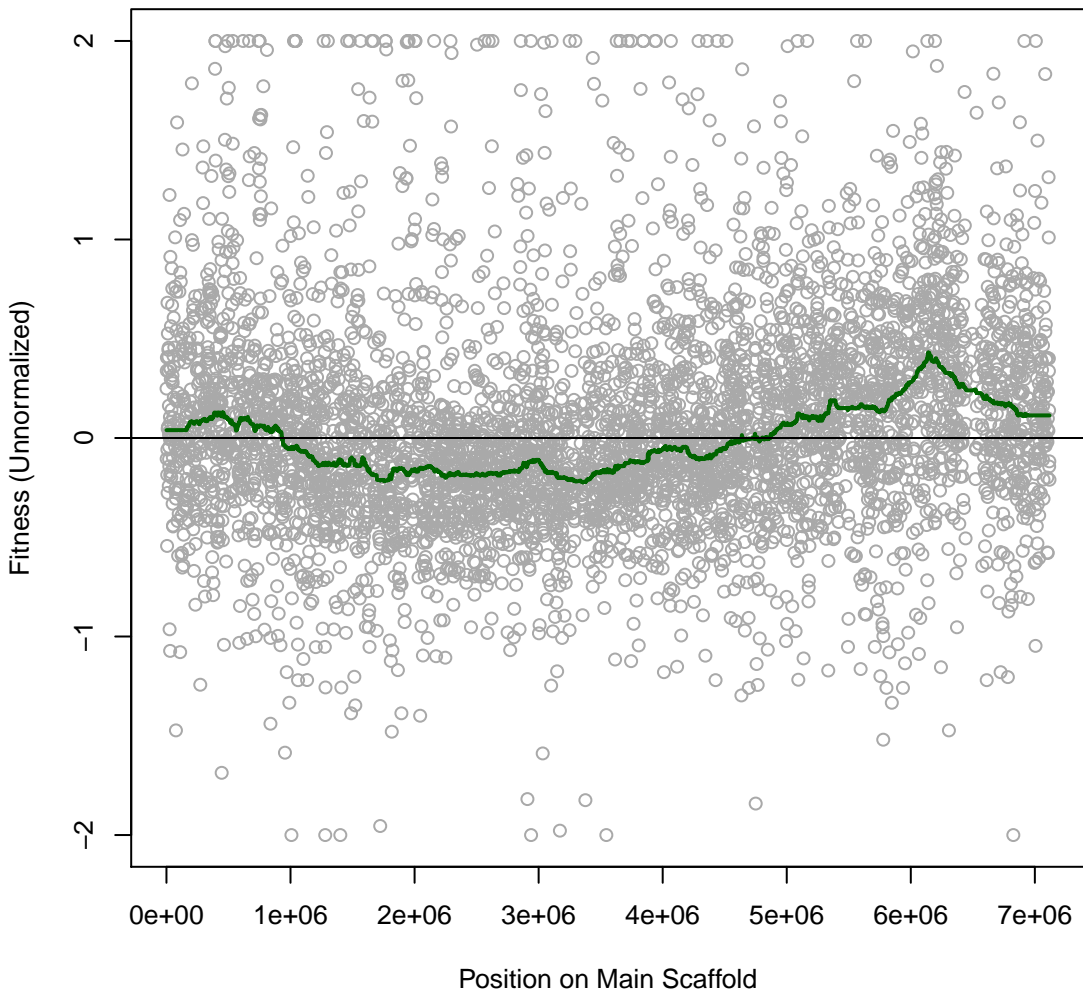
**pseudo5\_N2C3\_1 1IT030 #30 (gMed=140 rho12=0.371)  
acetate (C)**



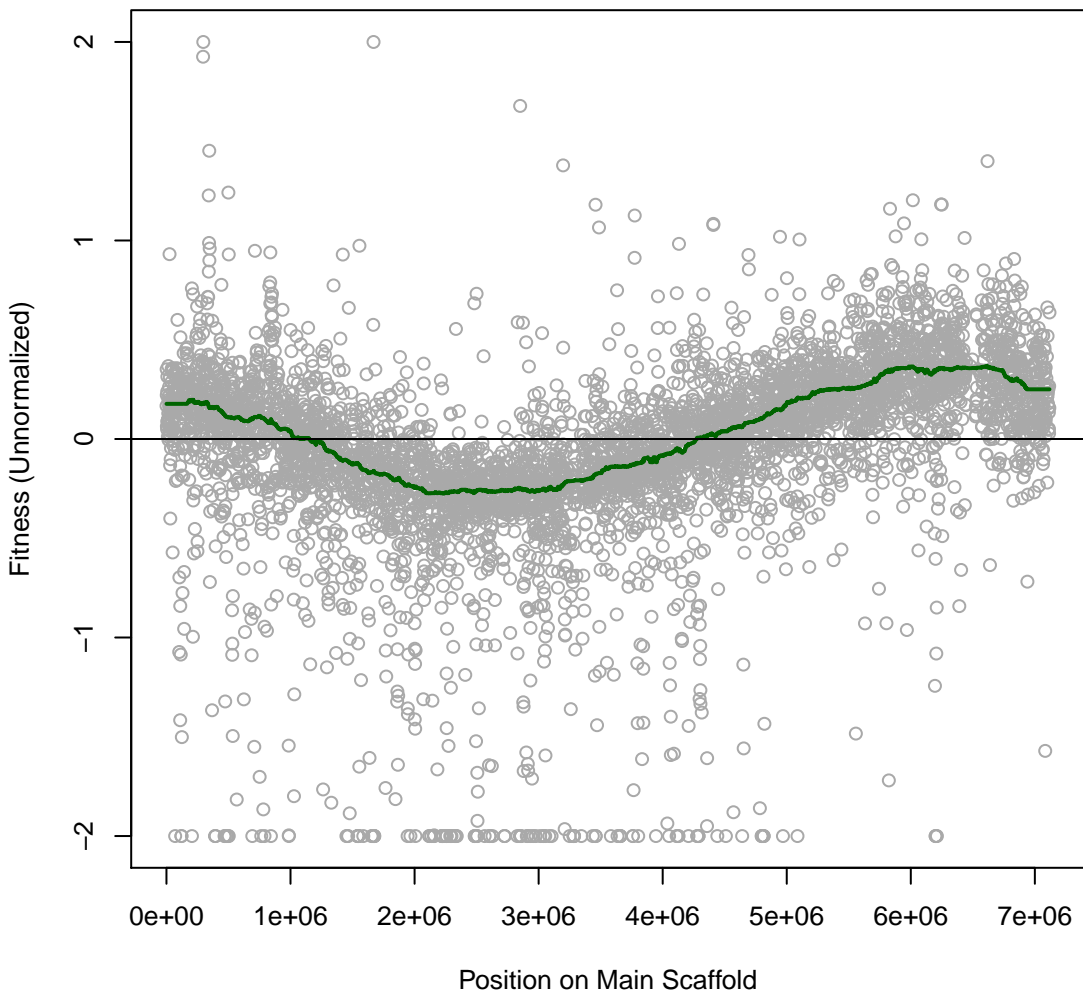
pseudo5\_N2C3\_1 1IT031 #31 (gMed=176 rho12=0.297)  
Fumarate (C)



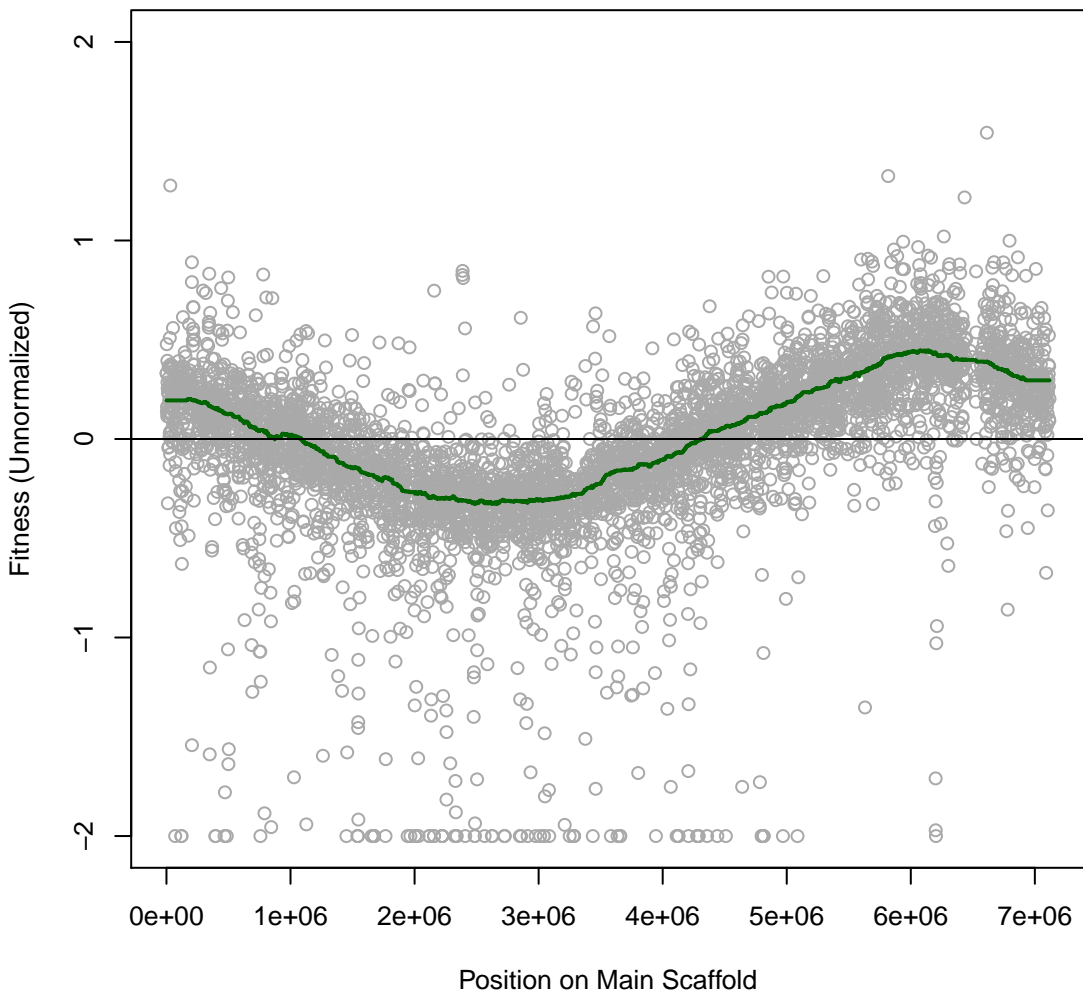
**pseudo5\_N2C3\_1 1IT032 #32 (gMed=4 rho12=0.138)**  
**Trisodium citrate (C)**



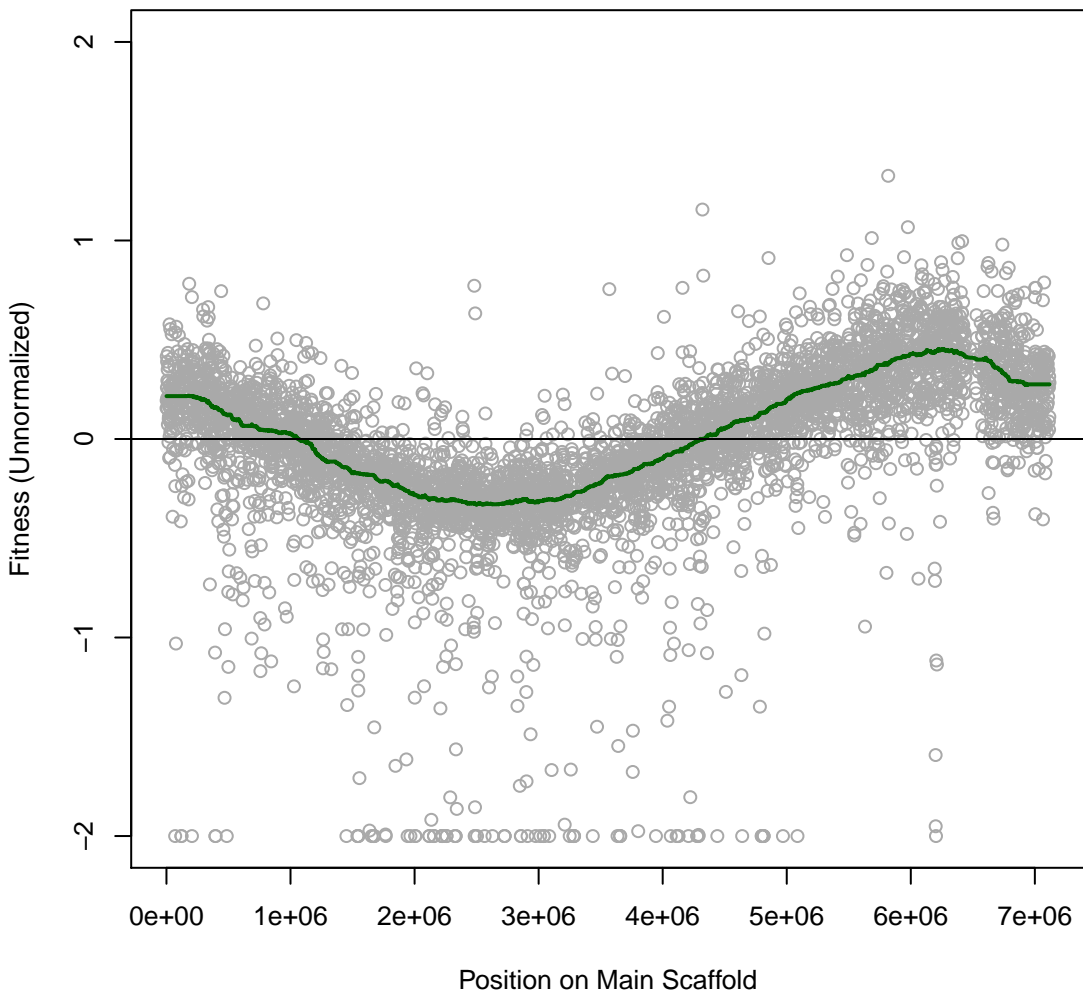
pseudo5\_N2C3\_1 1IT033 #33 (gMed=136 rho12=0.264)  
D-Lactate (C)



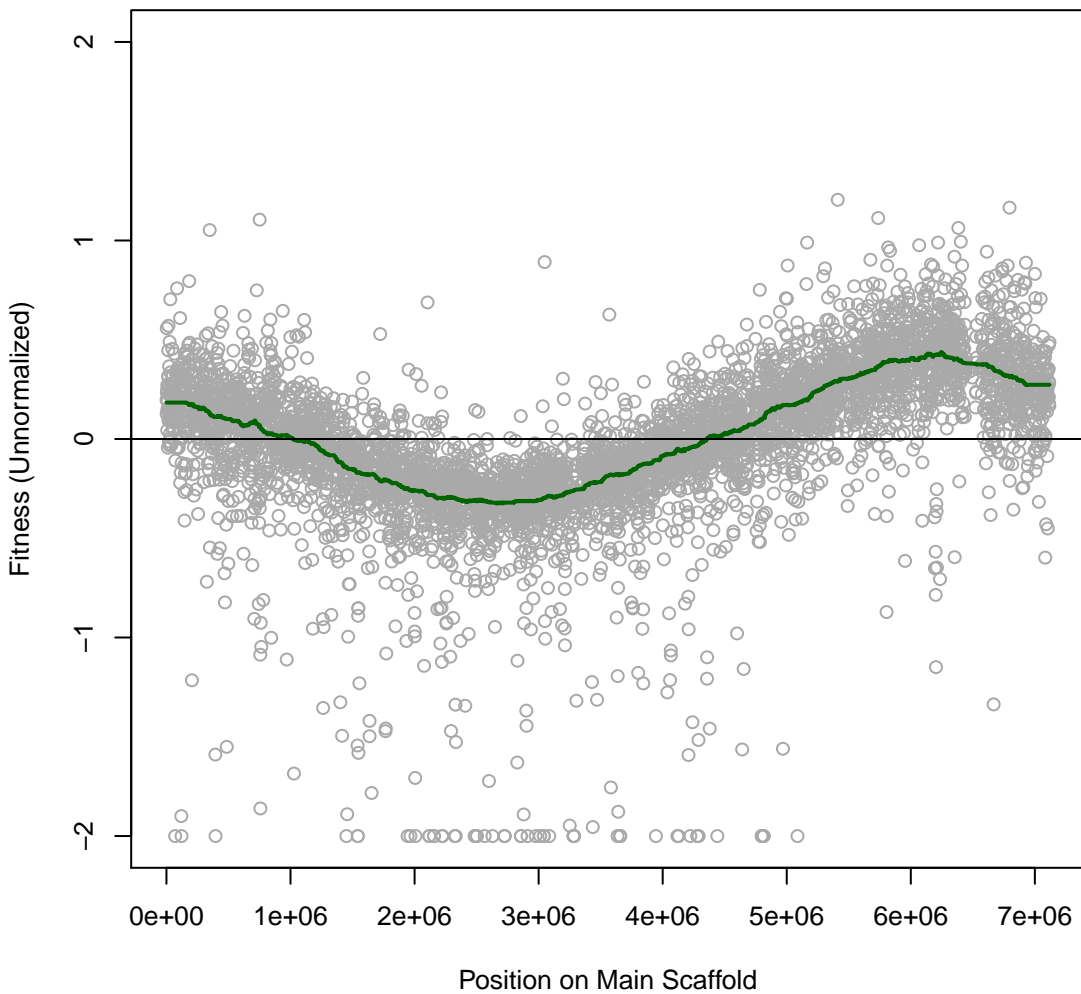
pseudo5\_N2C3\_1 1IT034 #34 (gMed=176 rho12=0.186)  
L-Lactate (C)



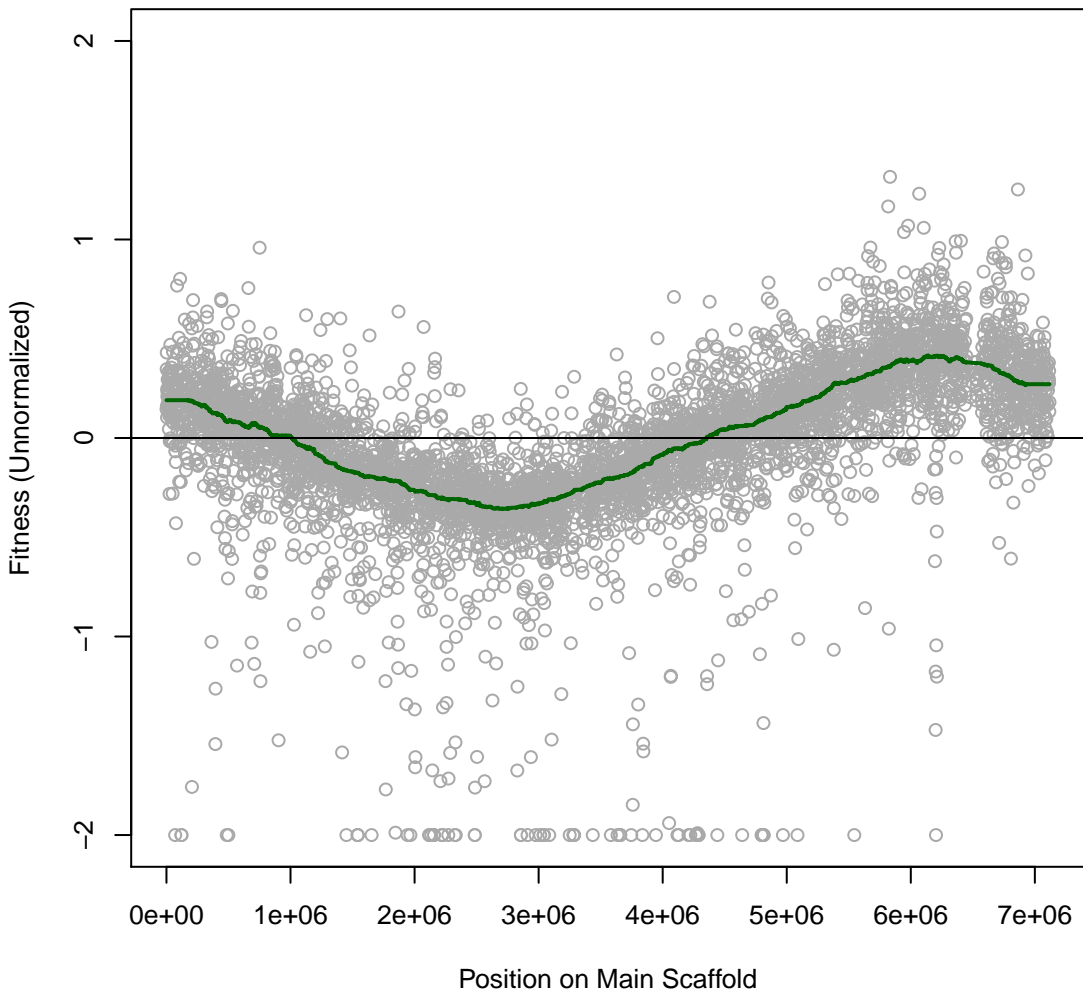
pseudo5\_N2C3\_1 1IT035 #35 (gMed=189 rho12=0.172)  
D,L-Lactate (C)



pseudo5\_N2C3\_1 1T036 #36 (gMed=195 rho12=0.128)  
pyruvate (C)

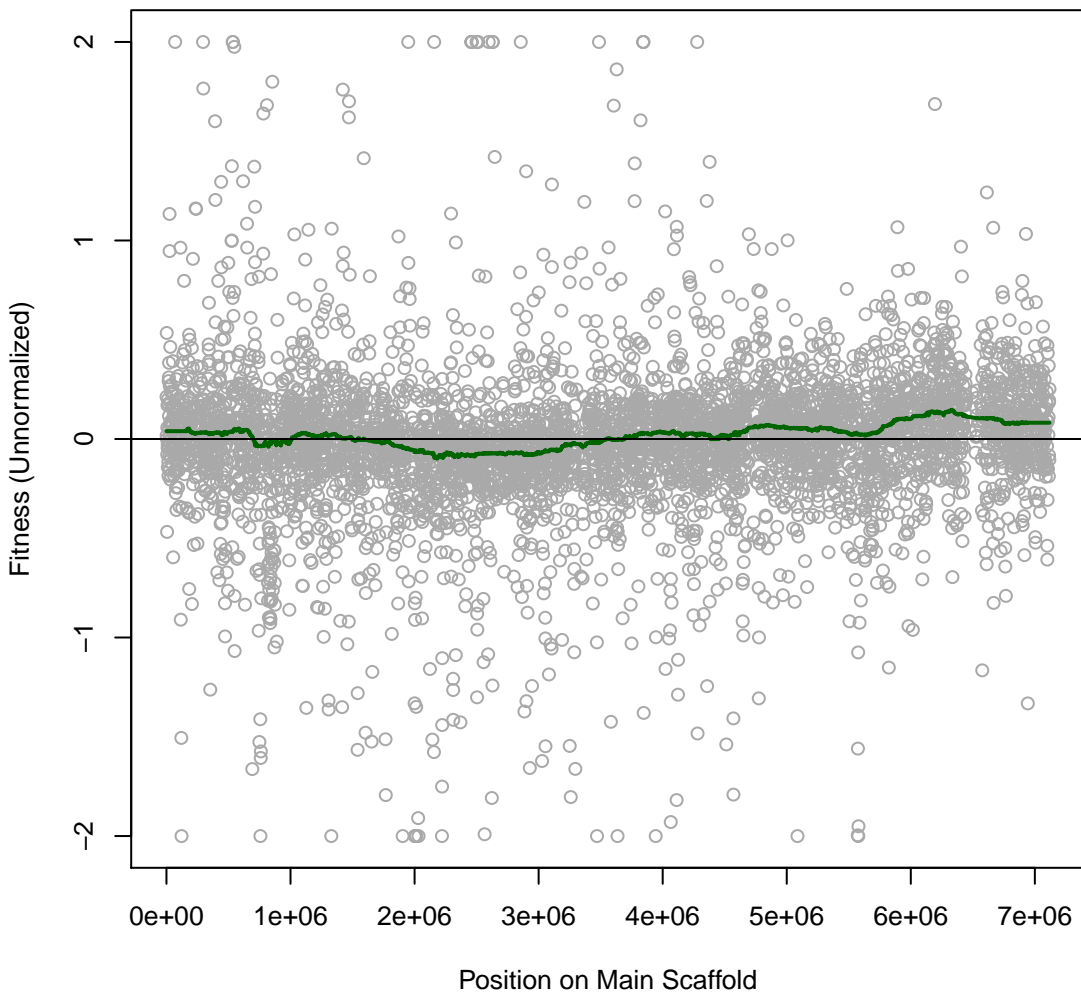


**pseudo5\_N2C3\_1 1IT037 #37 (gMed=174 rho12=0.163)  
succinate (C)**

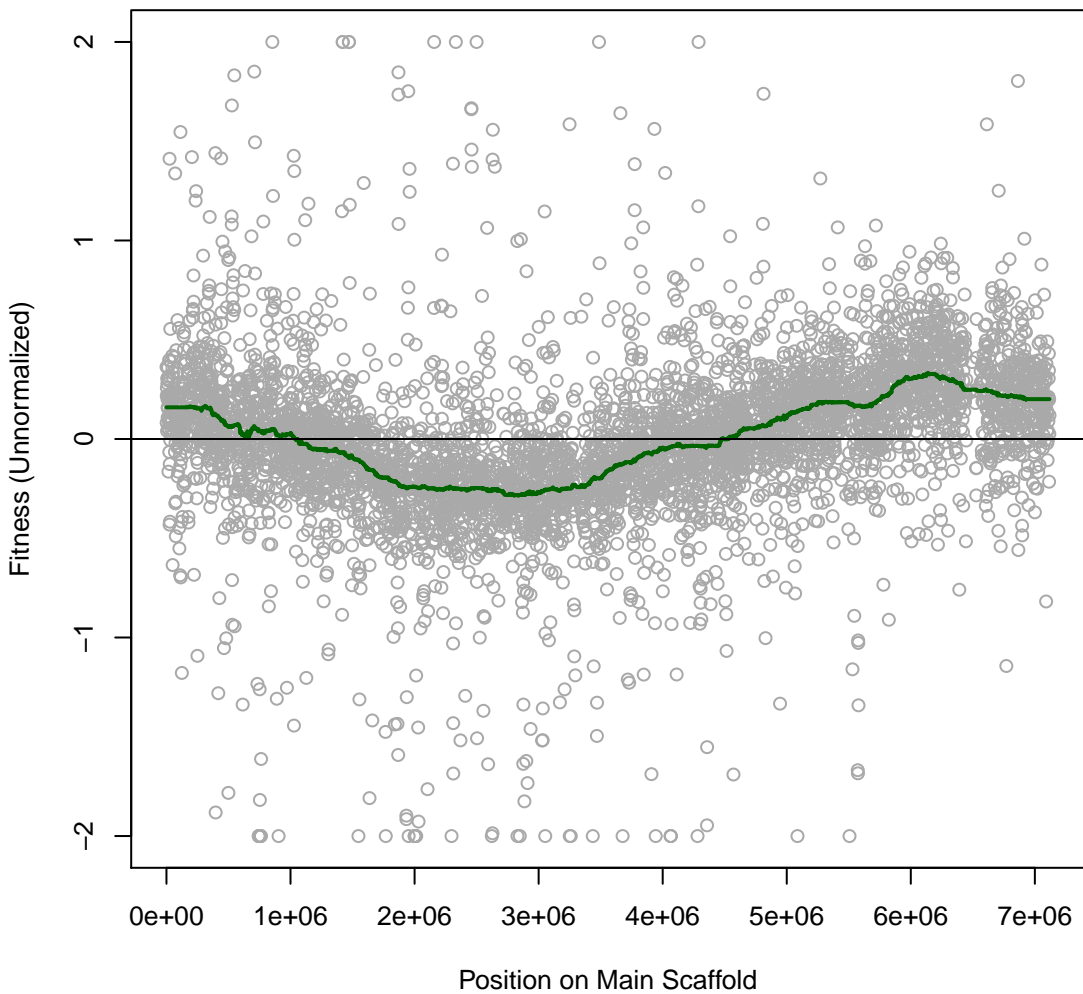


pseudo5\_N2C3\_1 1IT038 #38 (gMed=175 rho12=0.239)

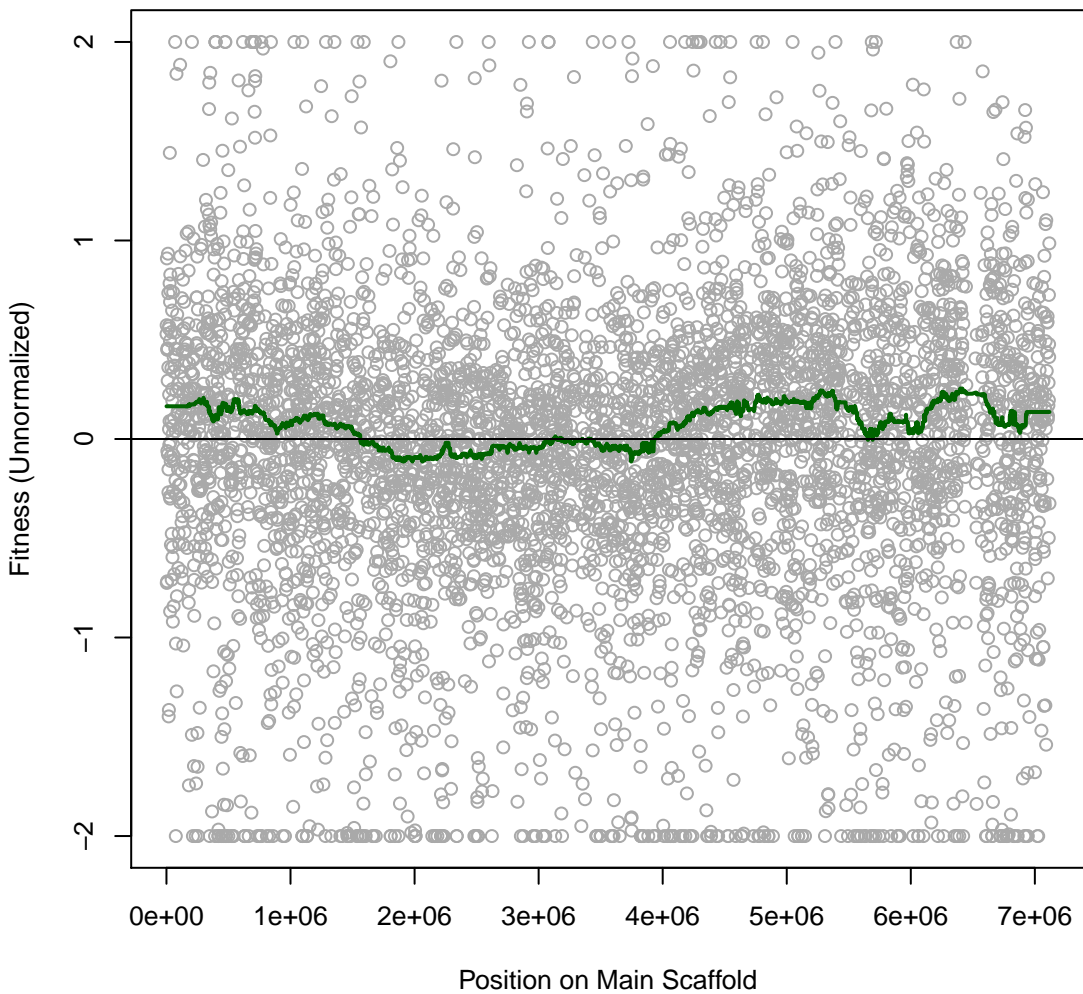
Nickel (II) chloride 0.625 mM



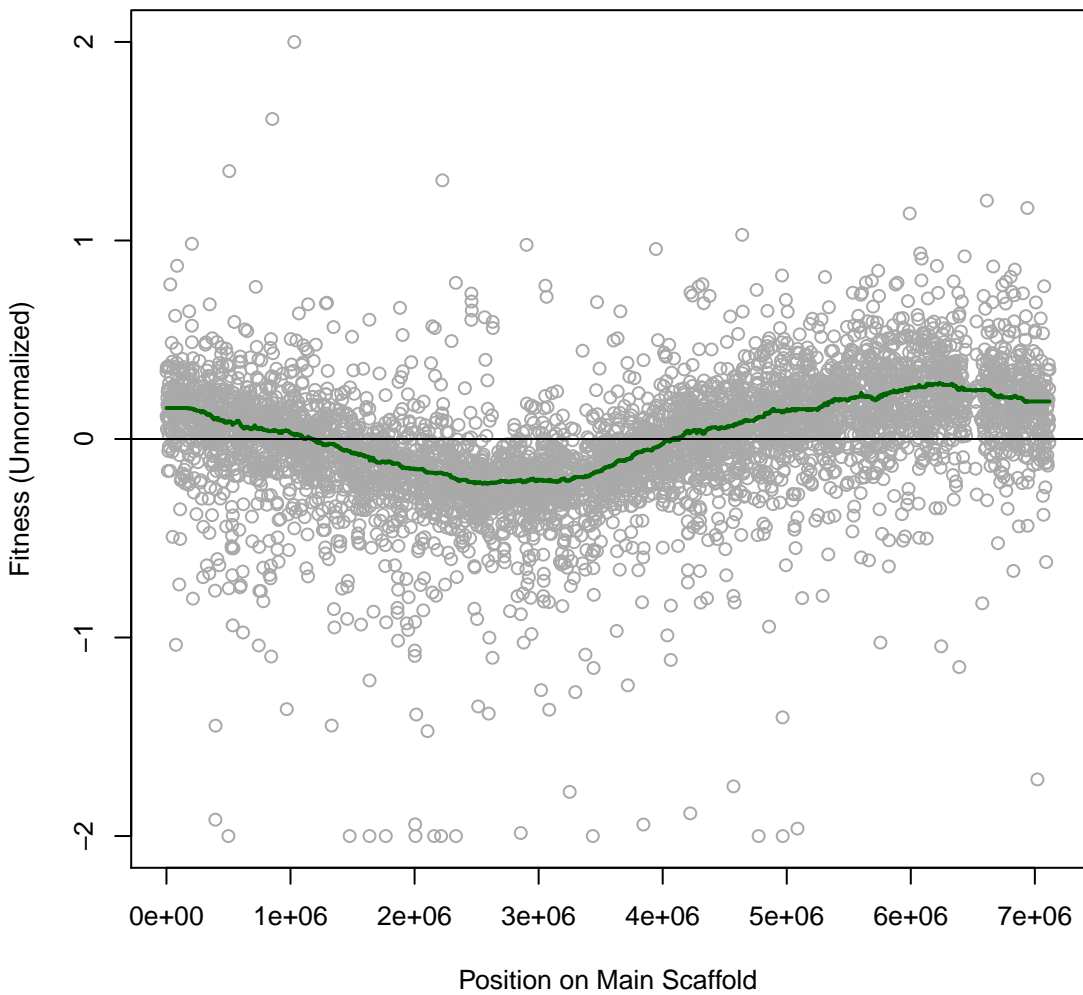
**pseudo5\_N2C3\_1 1IT039 #39 (gMed=162 rho12=0.264)**  
**Cobalt chloride 0.08 mM**



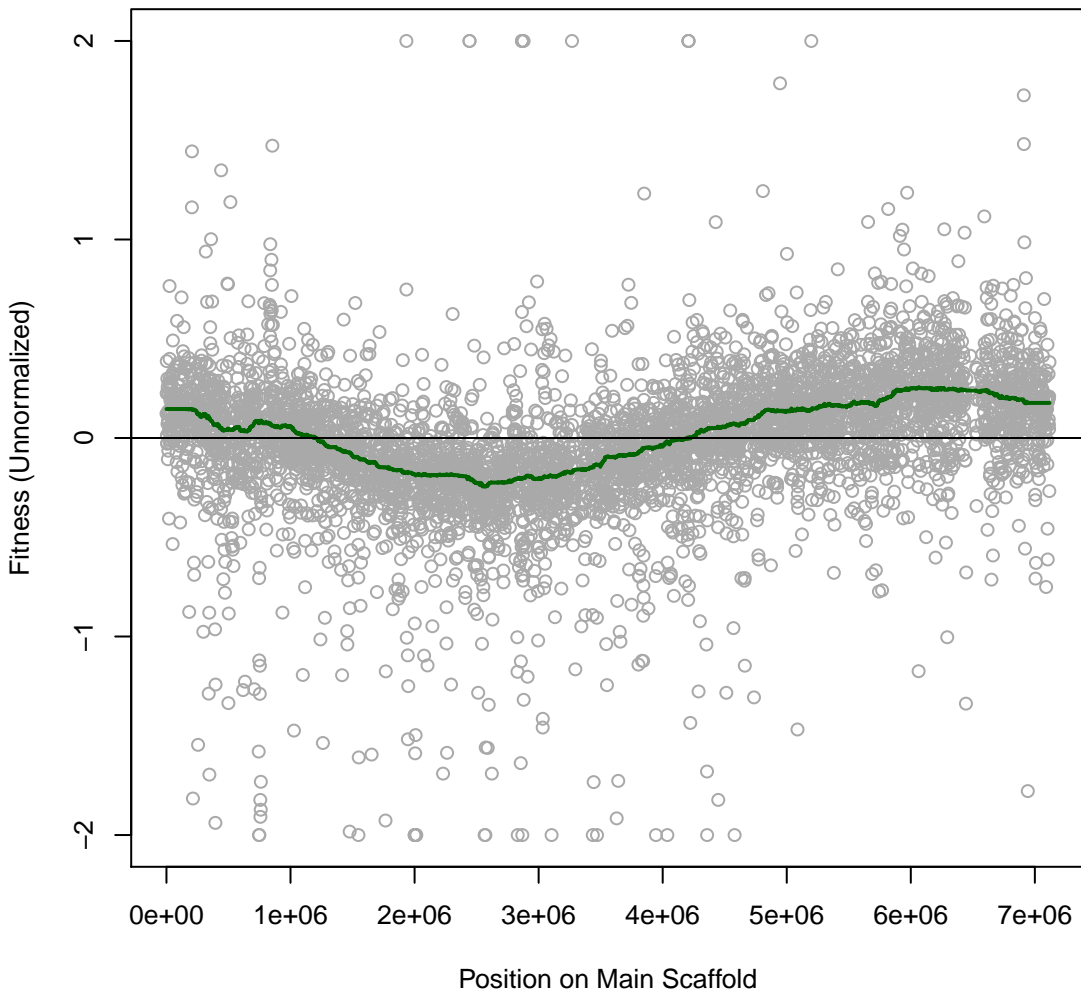
**pseudo5\_N2C3\_1 1IT040 #40 (gMed=152 rho12=0.118)**  
**copper (II) chloride 2.5 mM**



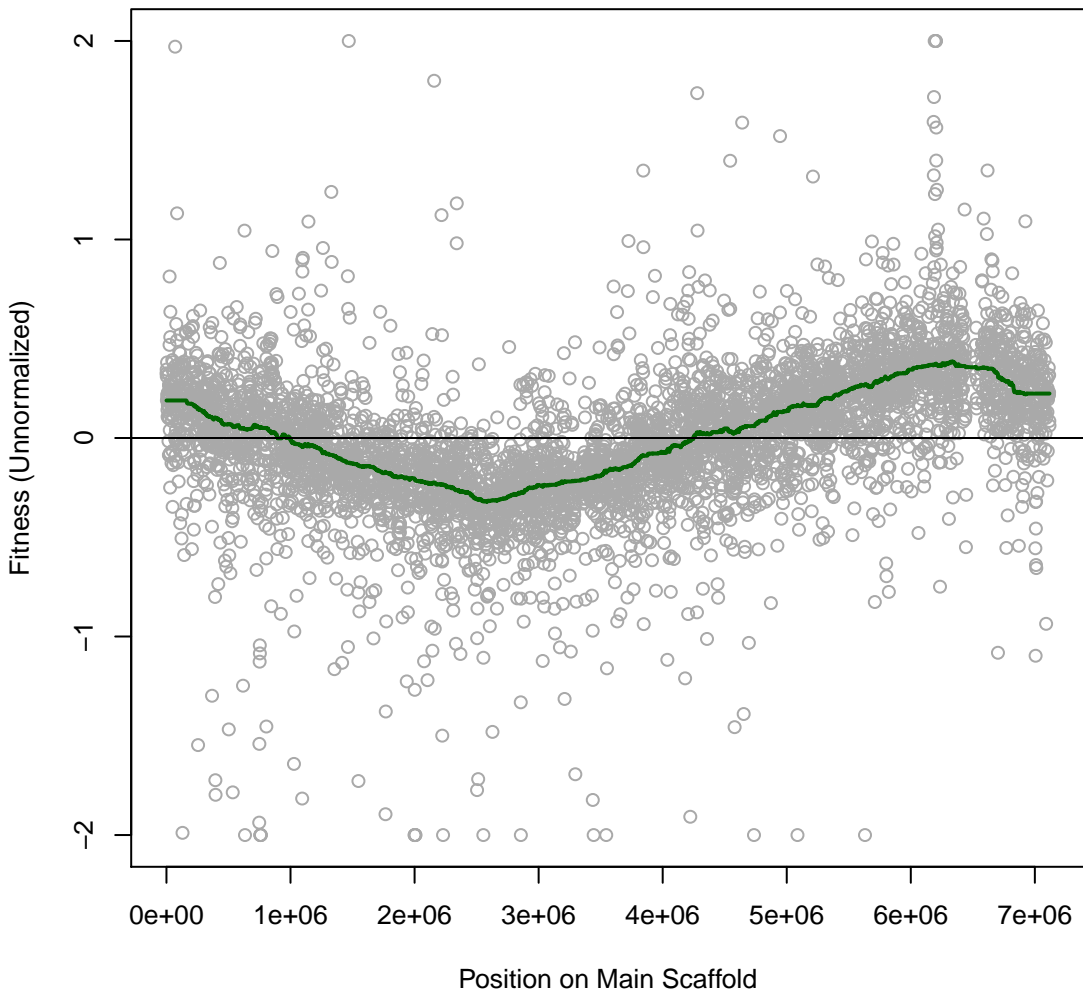
**pseudo5\_N2C3\_1 1IT041 #41 (gMed=168 rho12=0.115)**  
**sodium fluoride 6.25 mM**



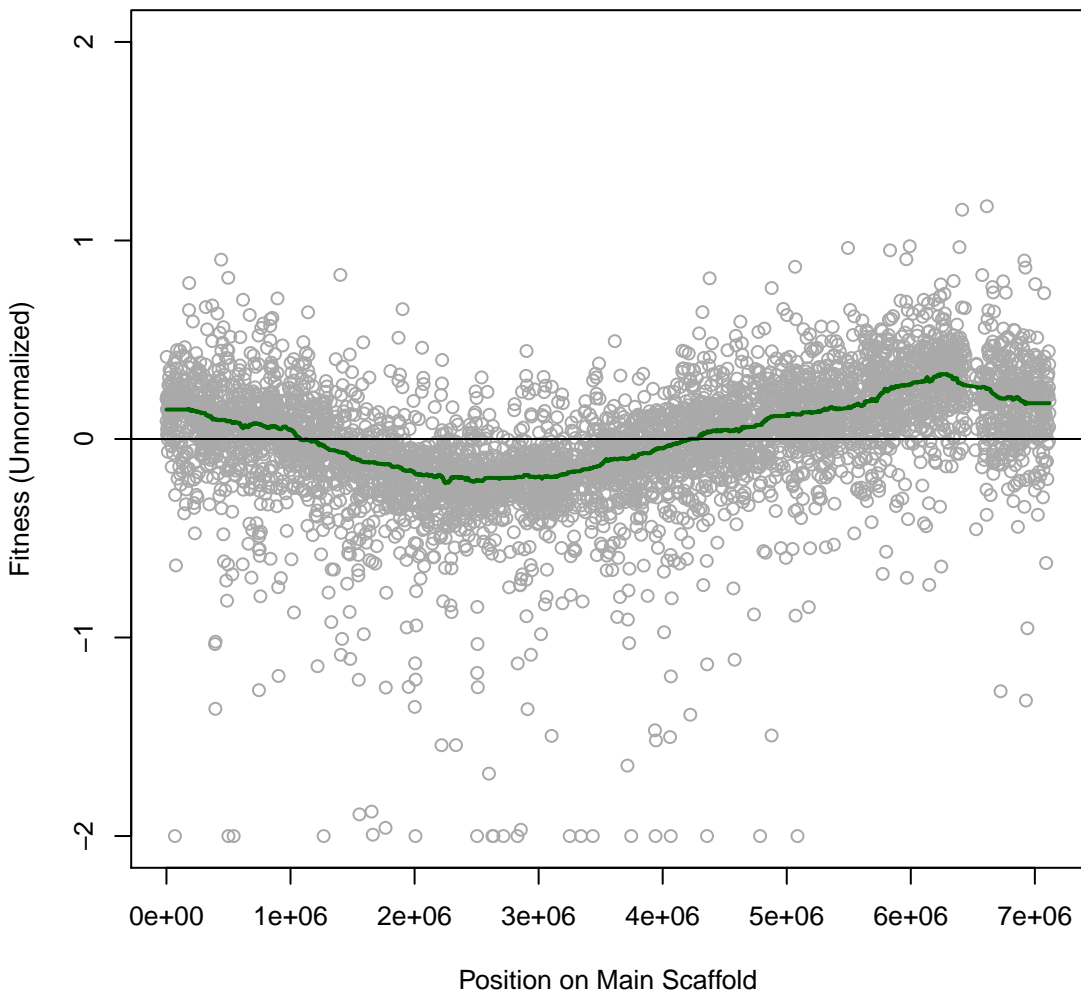
**pseudo5\_N2C3\_1 1IT042 #42 (gMed=130 rho12=0.210)**  
**Paraquat dichloride 0.0625 mg/ml**



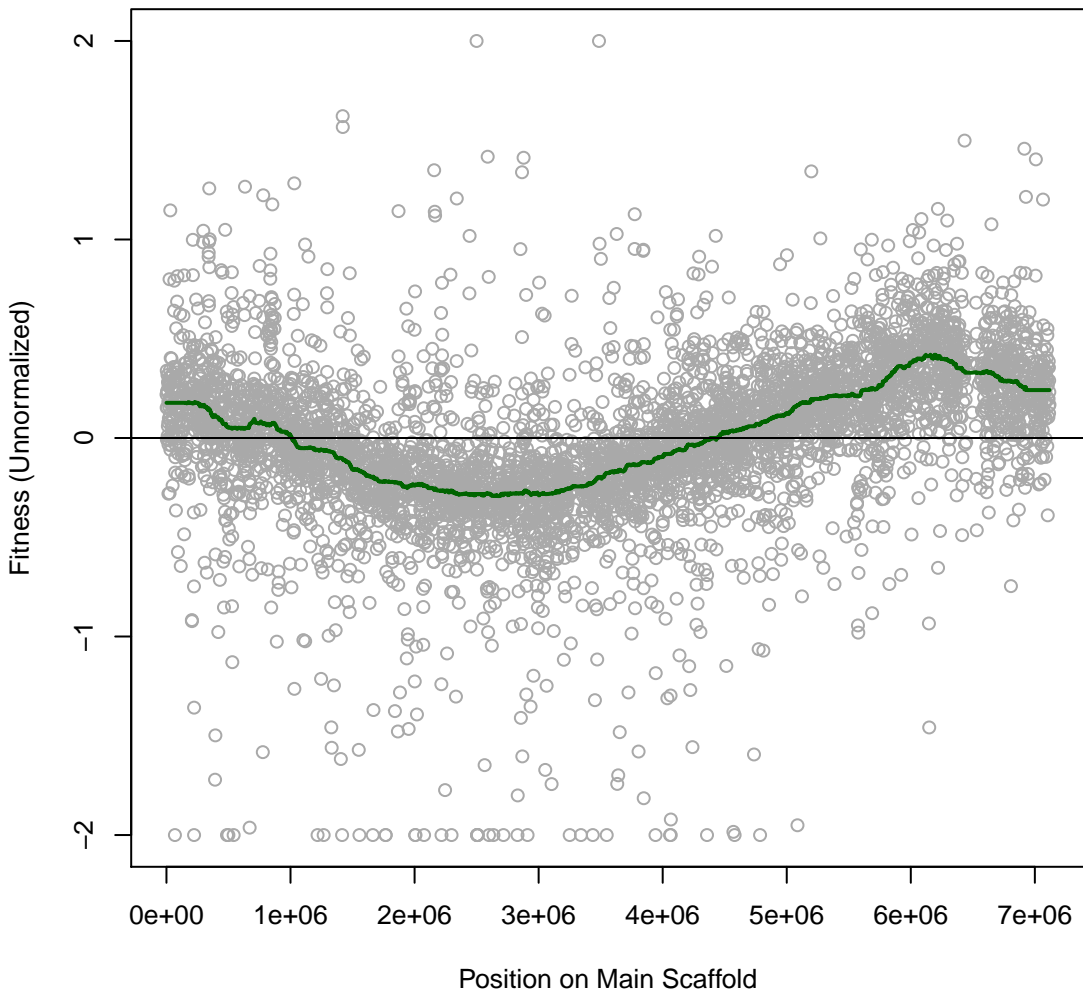
**pseudo5\_N2C3\_1 1IT043 #43 (gMed=175 rho12=0.175)**  
**Thallium(I) acetate 0.008 mg/ml**



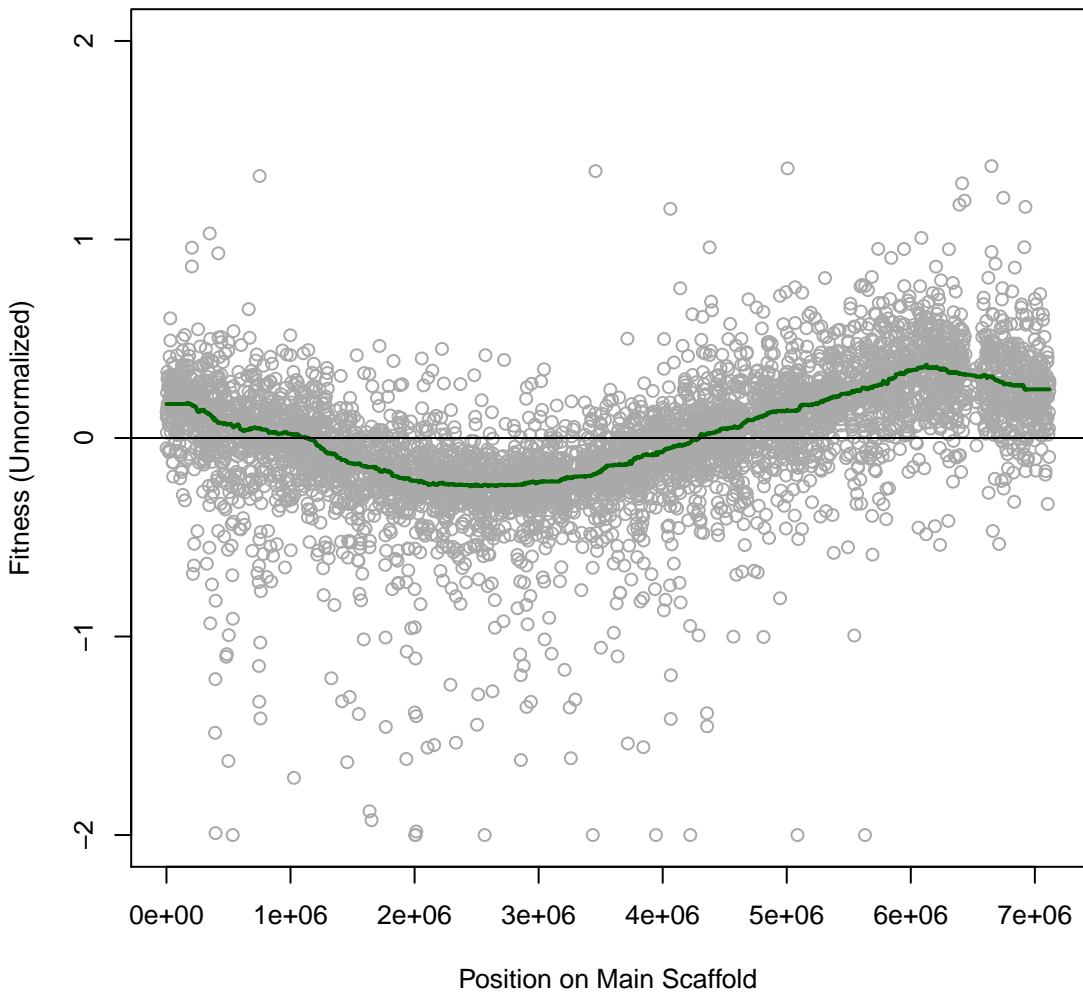
**pseudo5\_N2C3\_1 1IT044 #44 (gMed=190 rho12=0.093)**  
**Cisplatin 0.0016 mg/ml**



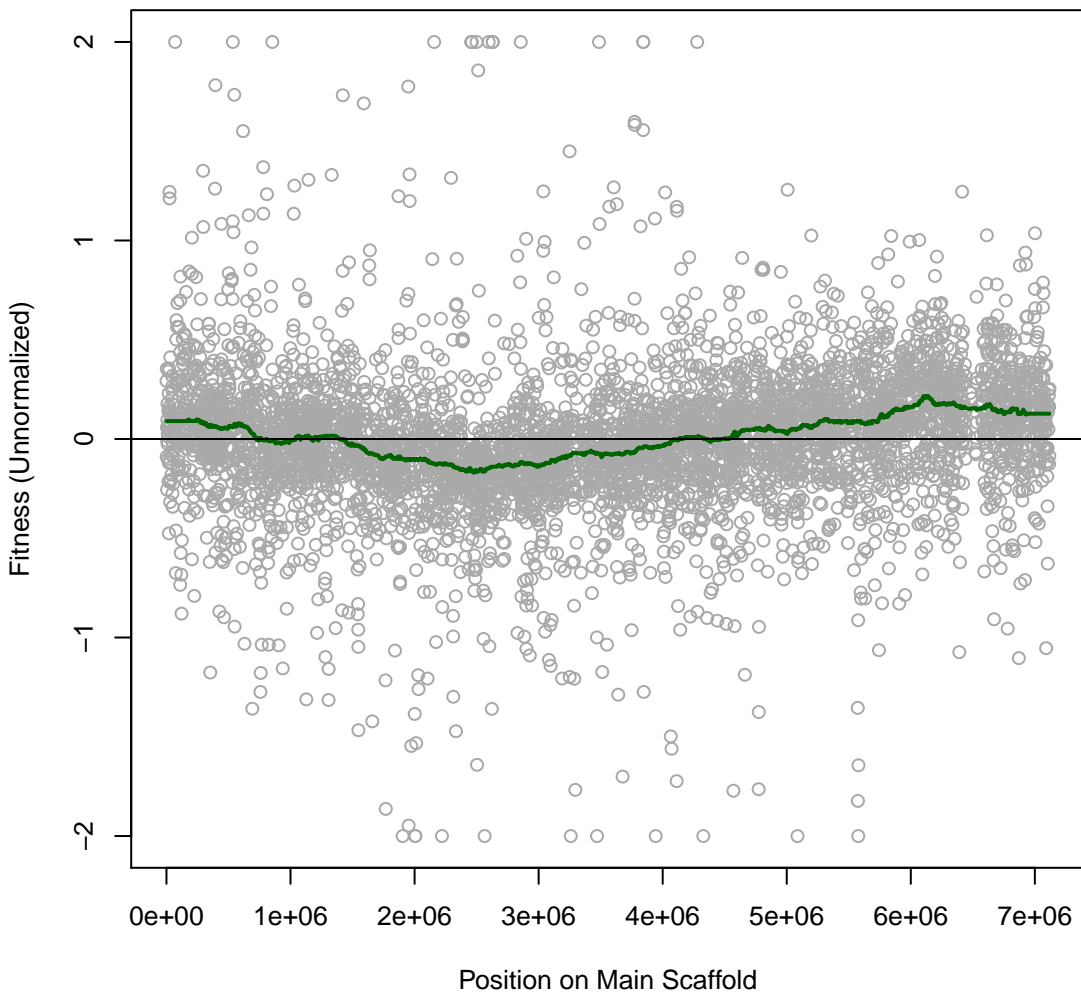
**pseudo5\_N2C3\_1 1IT045 #45 (gMed=170 rho12=0.217)**  
**Cisplatin 0.0032 mg/ml**



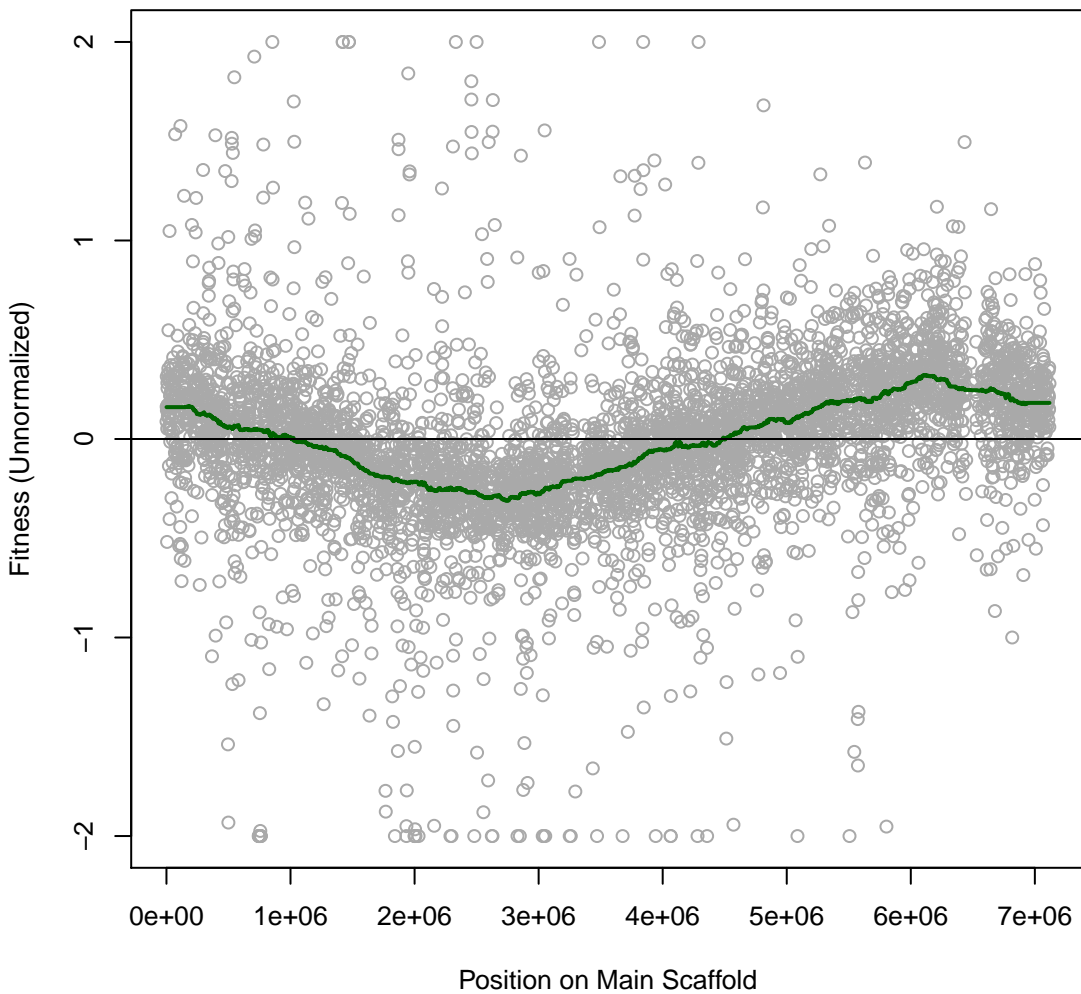
pseudo5\_N2C3\_1 1IT046 #46 (gMed=182 rho12=0.093)  
LB



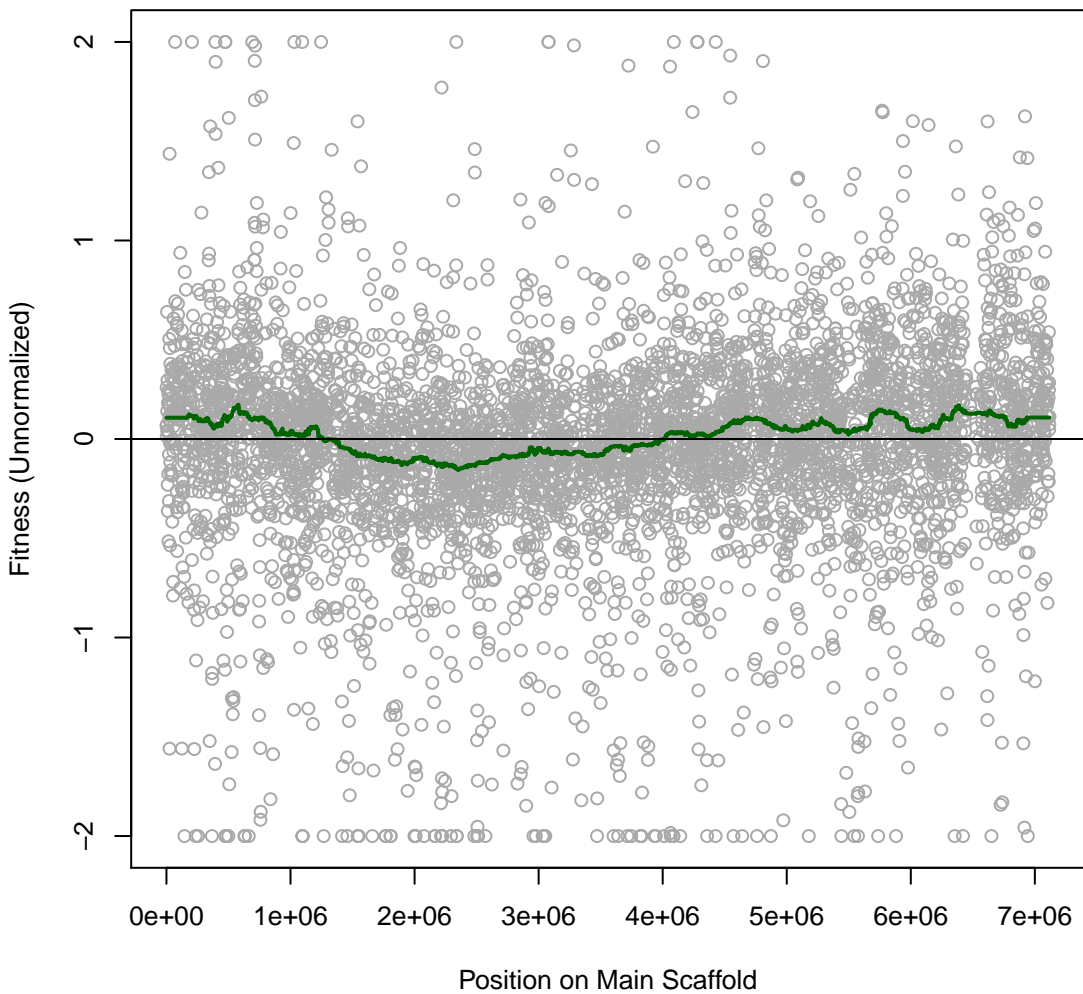
**pseudo5\_N2C3\_1 1IT047 #47 (gMed=138 rho12=0.187)**  
**Nickel (II) chloride 0.625 mM**



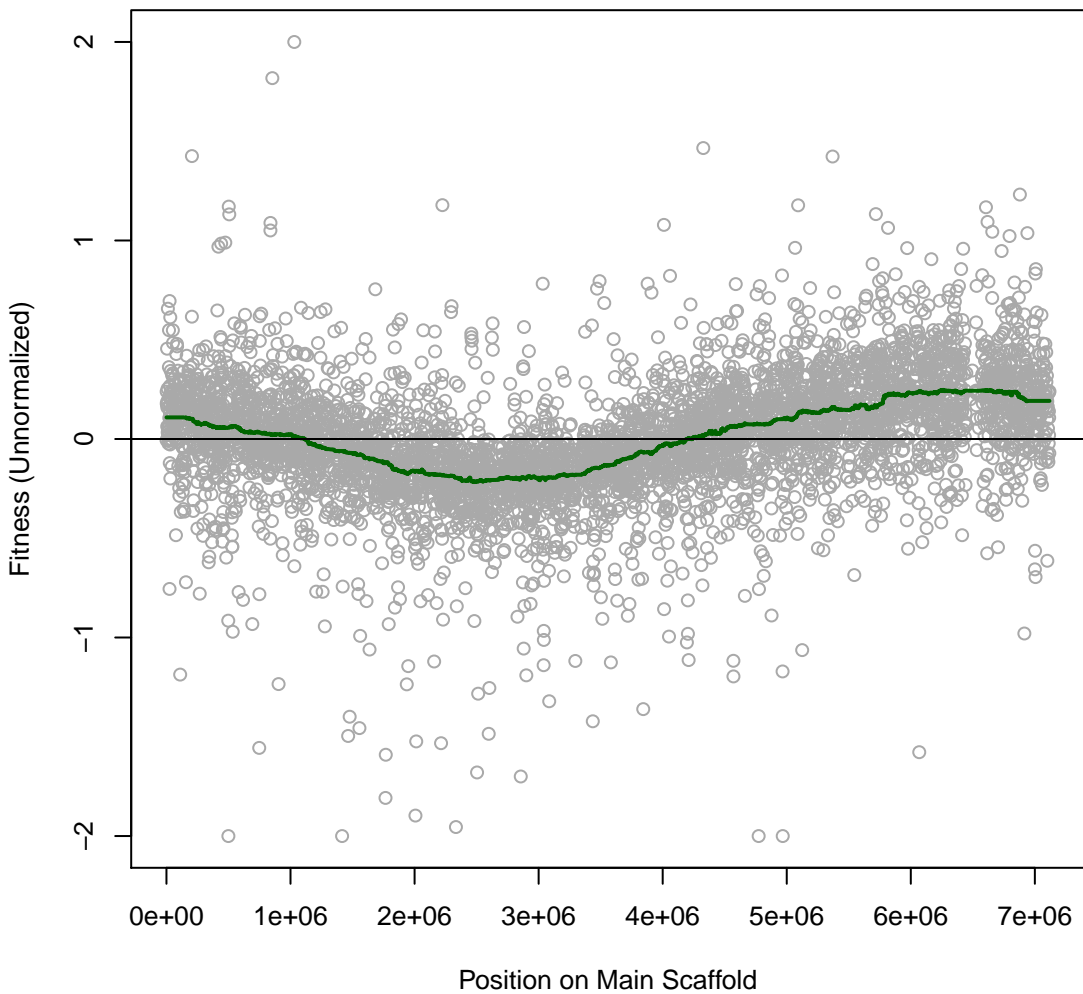
**pseudo5\_N2C3\_1 1IT048 #48 (gMed=154 rho12=0.210)**  
**Cobalt chloride 0.08 mM**



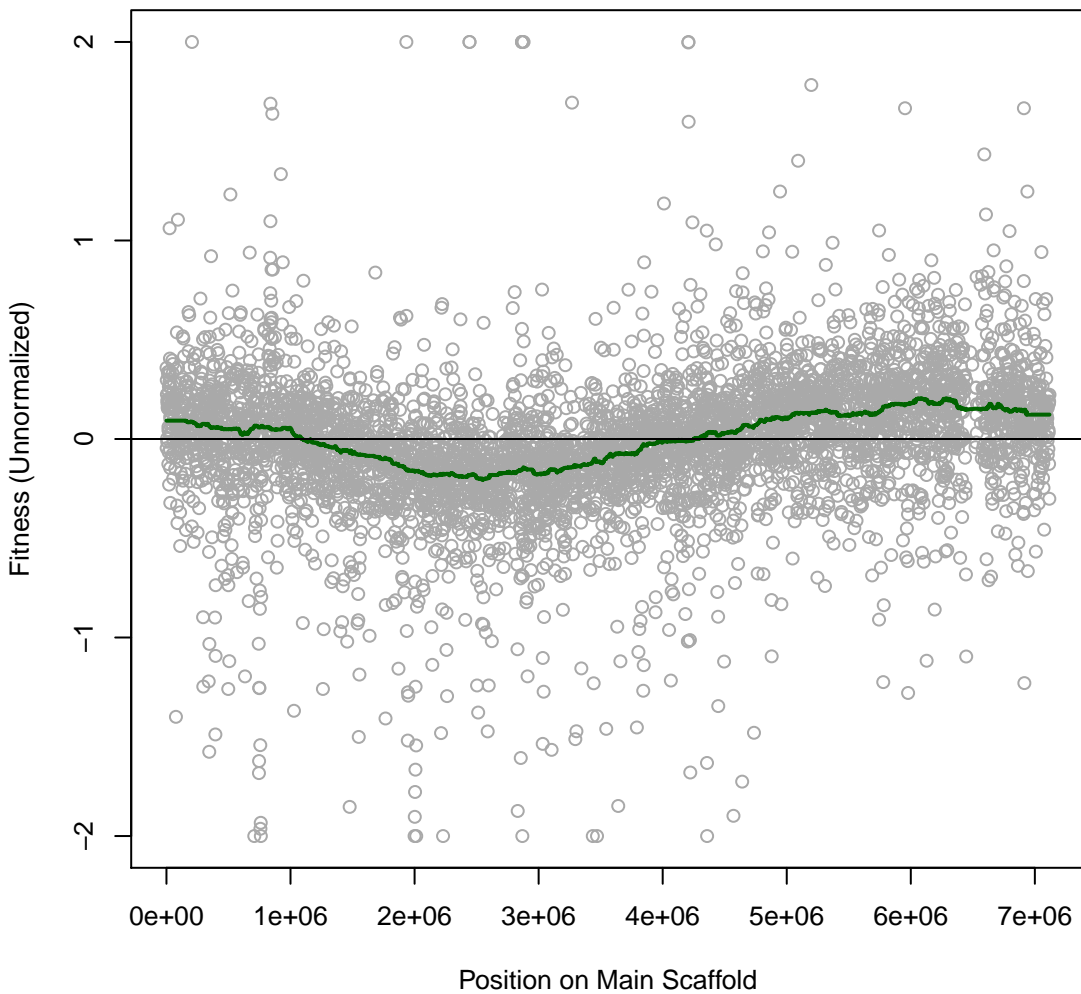
**pseudo5\_N2C3\_1 2IT050 #50 (gMed=156 rho12=0.189)**  
**copper (II) chloride 2.5 mM**



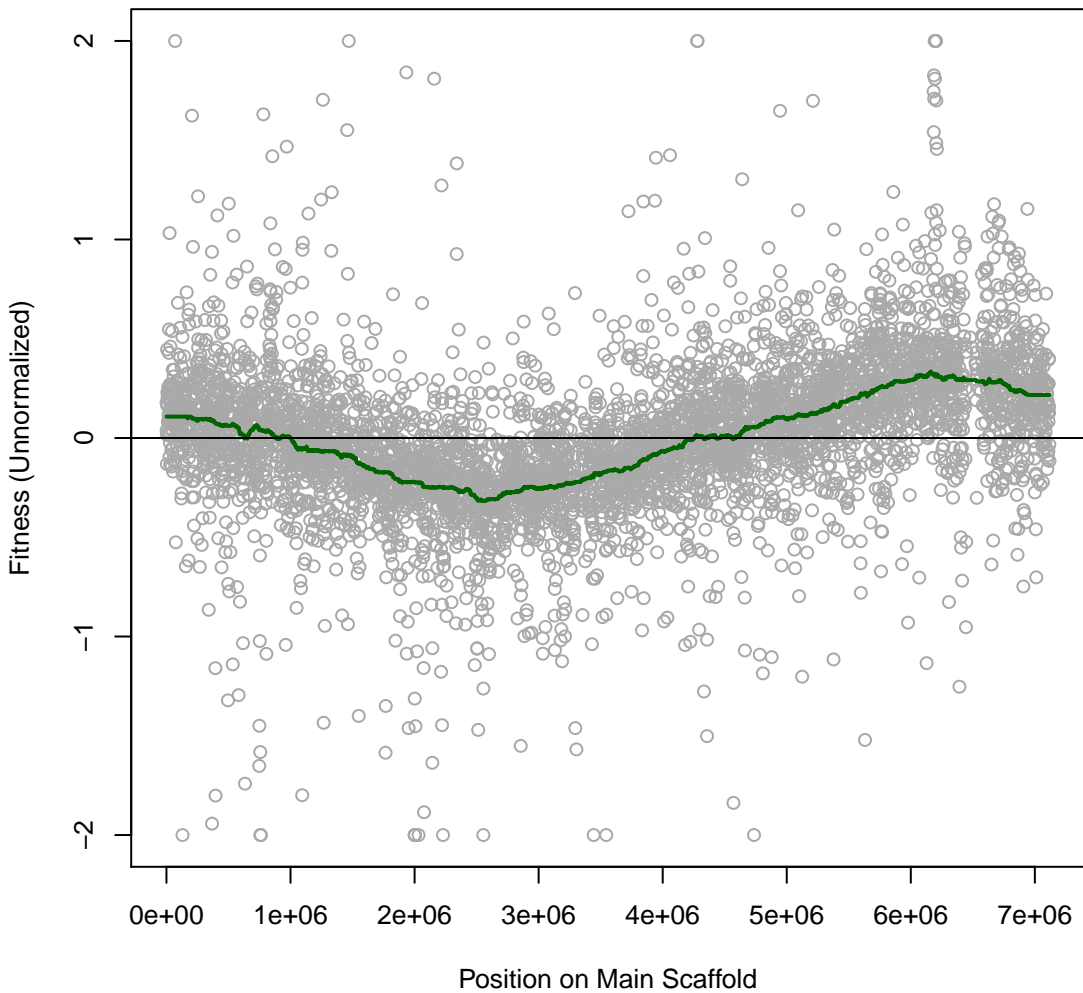
**pseudo5\_N2C3\_1 2IT051 #51 (gMed=174 rho12=0.099)**  
**sodium fluoride 6.25 mM**



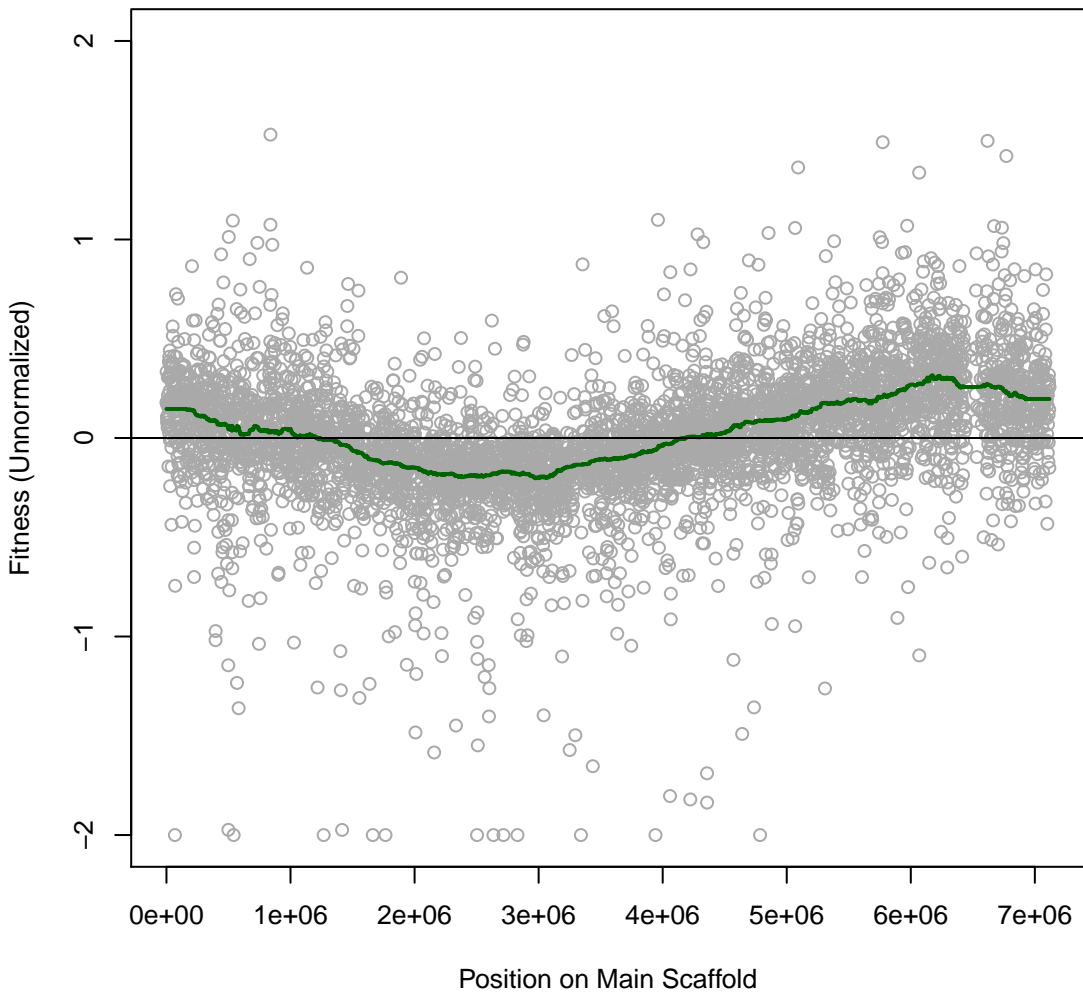
**pseudo5\_N2C3\_1 2IT052 #52 (gMed=144 rho12=0.167)**  
**Paraquat dichloride 0.0625 mg/ml**



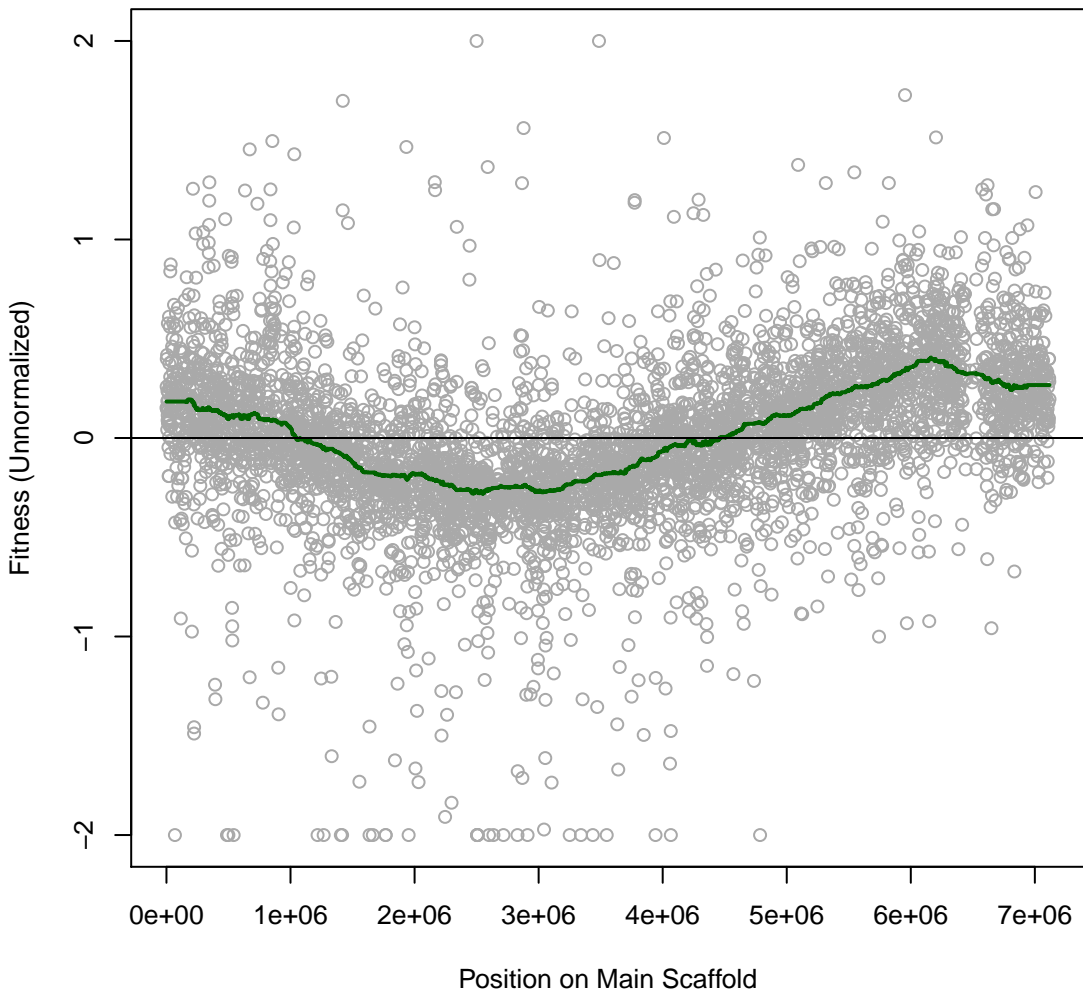
**pseudo5\_N2C3\_1 2IT053 #53 (gMed=126 rho12=0.177)**  
**Thallium(I) acetate 0.008 mg/ml**



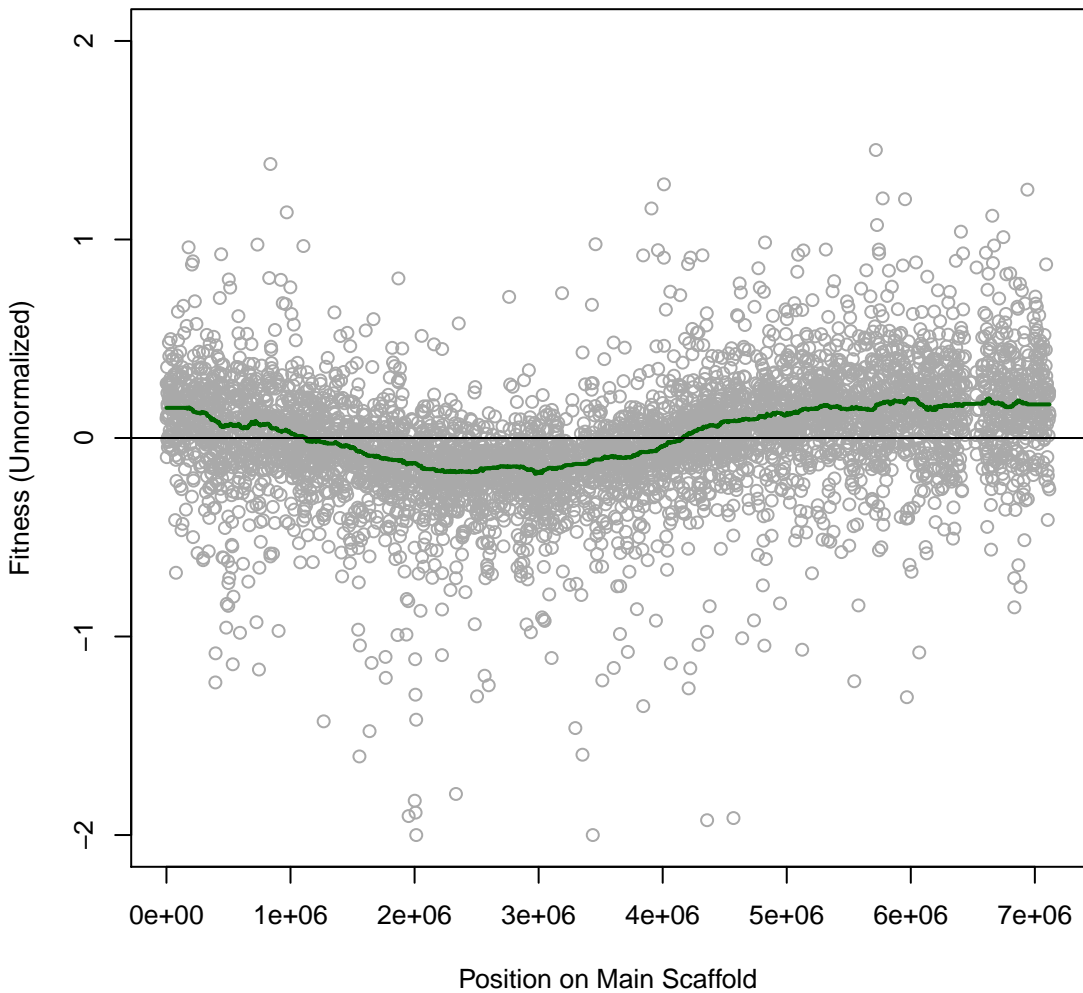
**pseudo5\_N2C3\_1 2IT054 #54 (gMed=172 rho12=0.084)**  
**Cisplatin 0.0016 mg/ml**



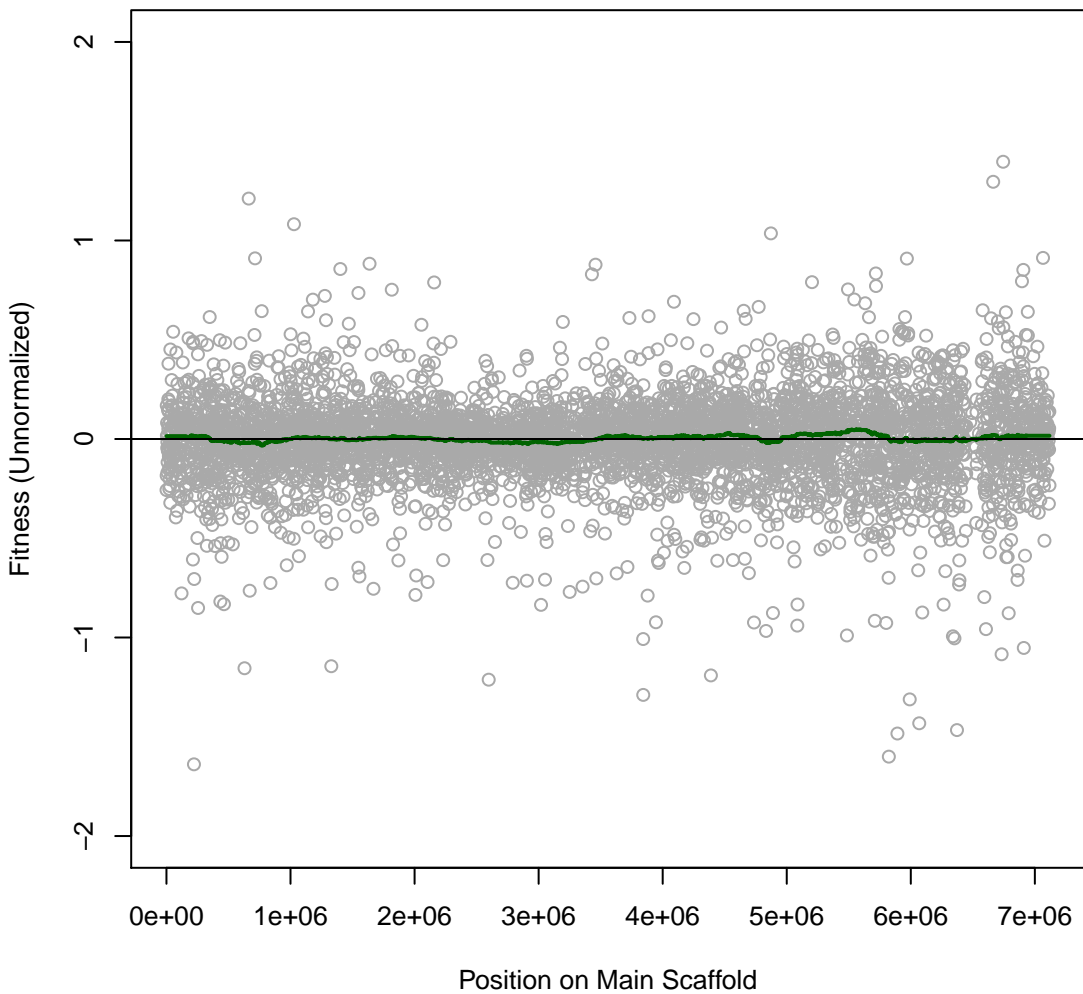
**pseudo5\_N2C3\_1 2IT055 #55 (gMed=168 rho12=0.195)**  
**Cisplatin 0.0032 mg/ml**



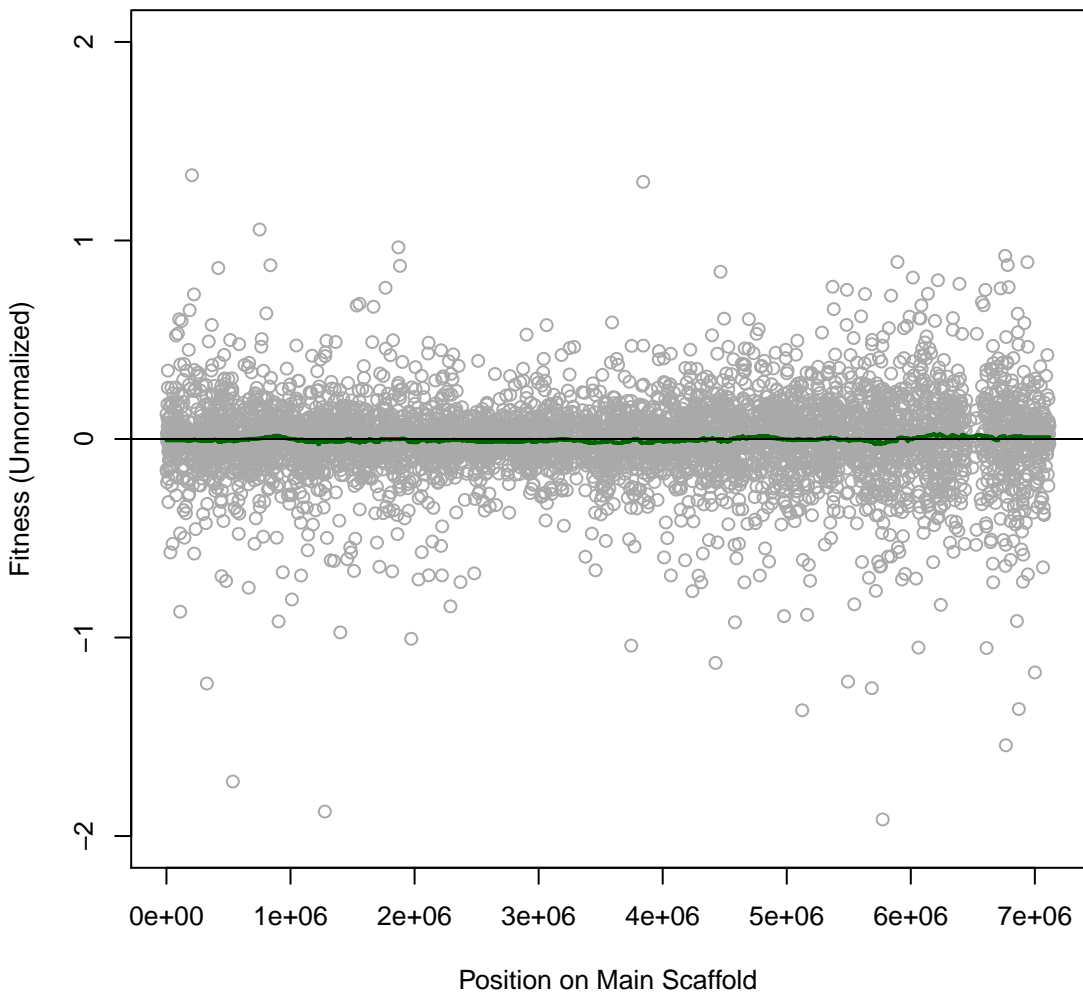
pseudo5\_N2C3\_1 2IT056 #56 (gMed=162 rho12=0.058)  
LB



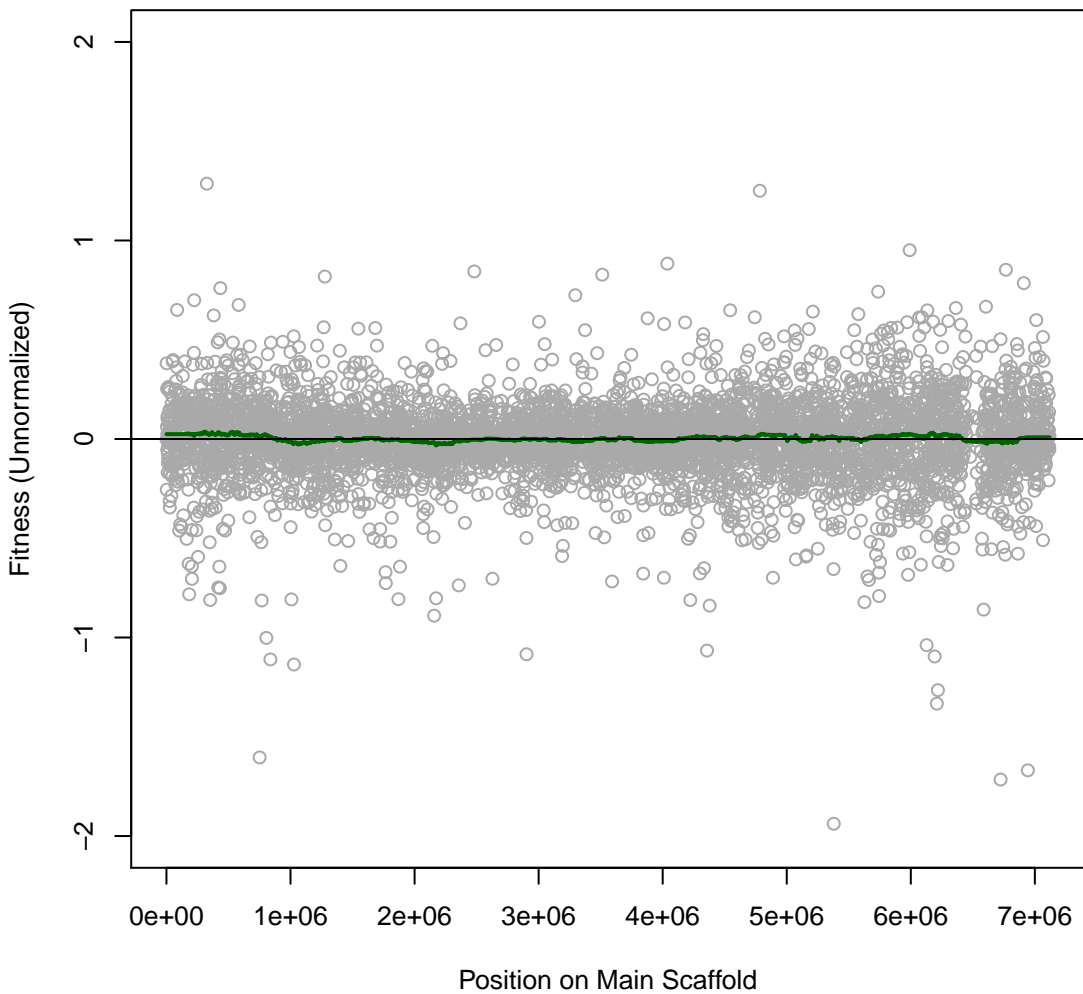
**pseudo5\_N2C3\_1 2IT057 #57 (gMed=131 rho12=-0.002)**  
**Time0**



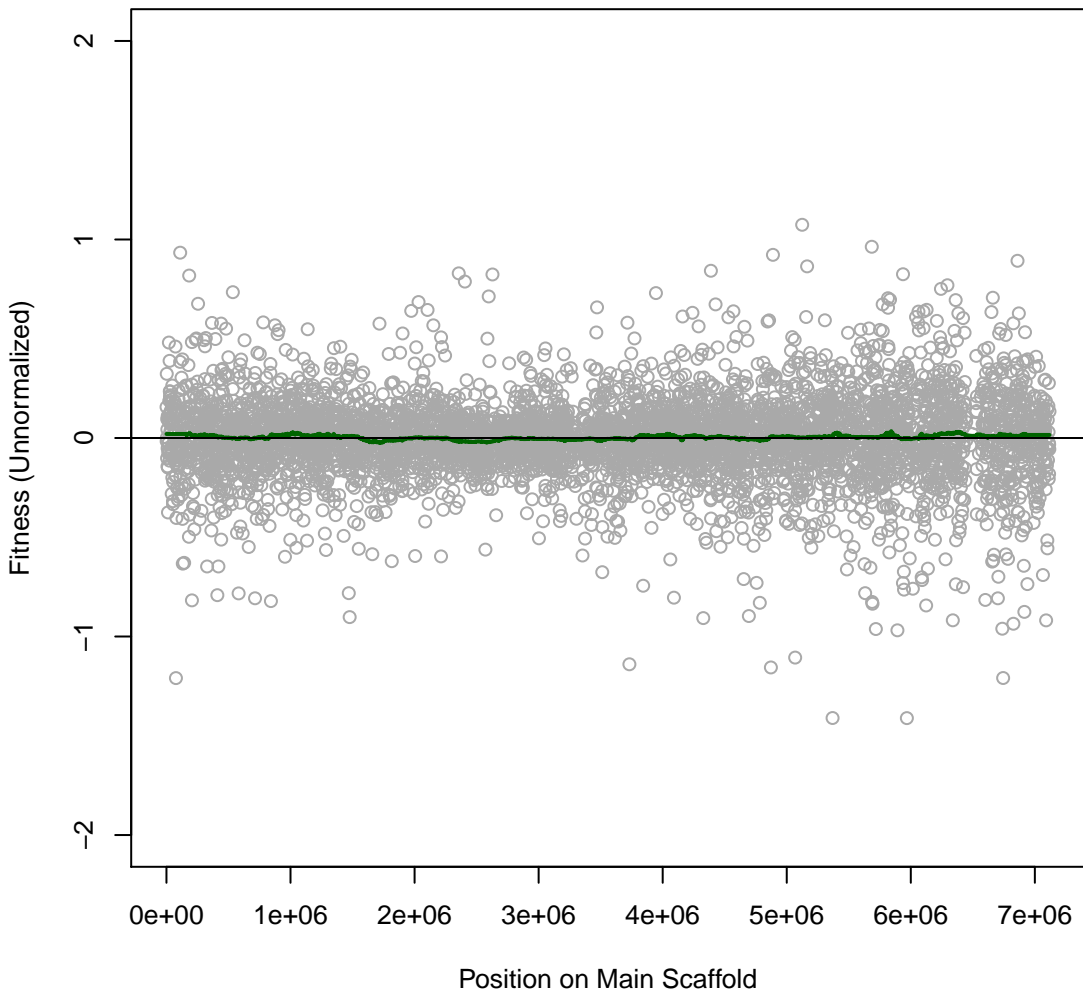
**pseudo5\_N2C3\_1 2IT058 #58 (gMed=160 rho12=-0.026)**  
**Time0**



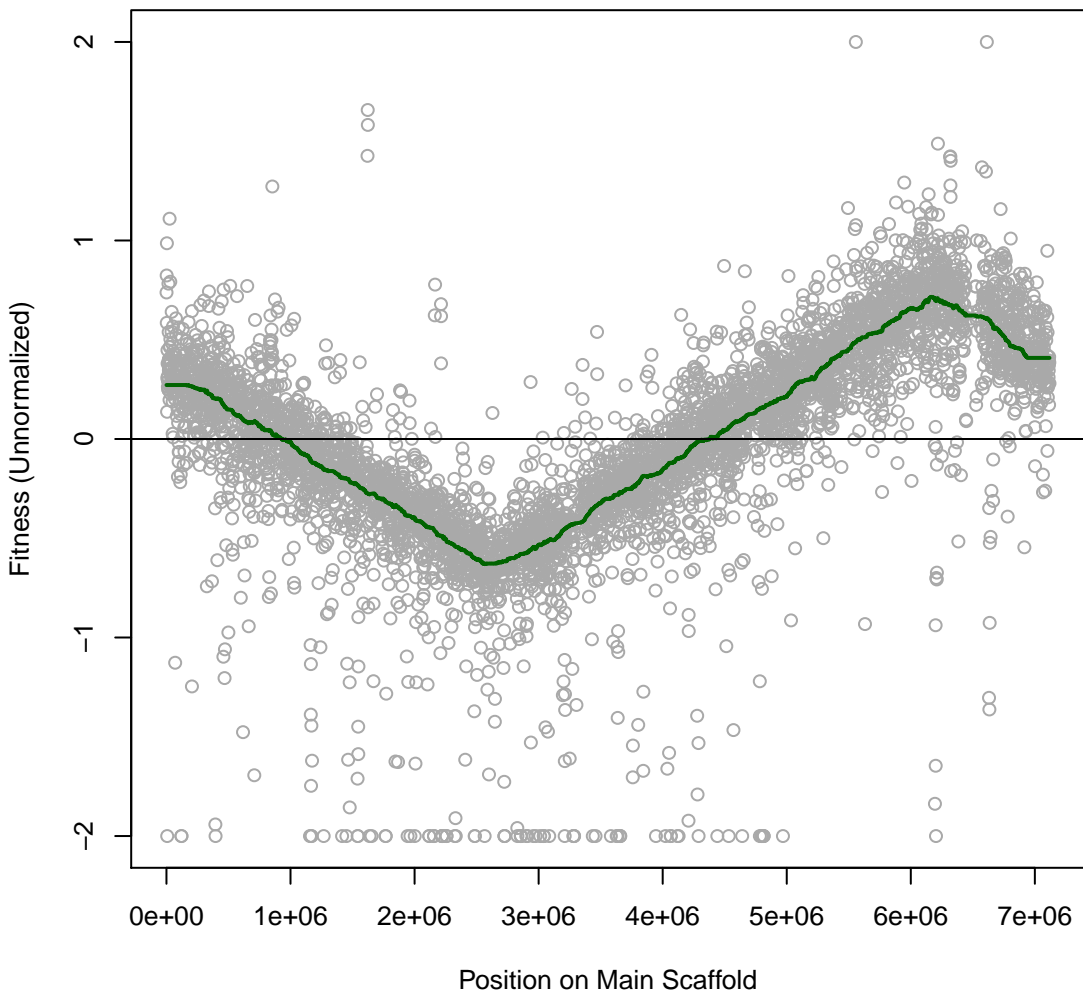
pseudo5\_N2C3\_1 2IT059 #59 (gMed=163 rho12=0.009)  
Time0



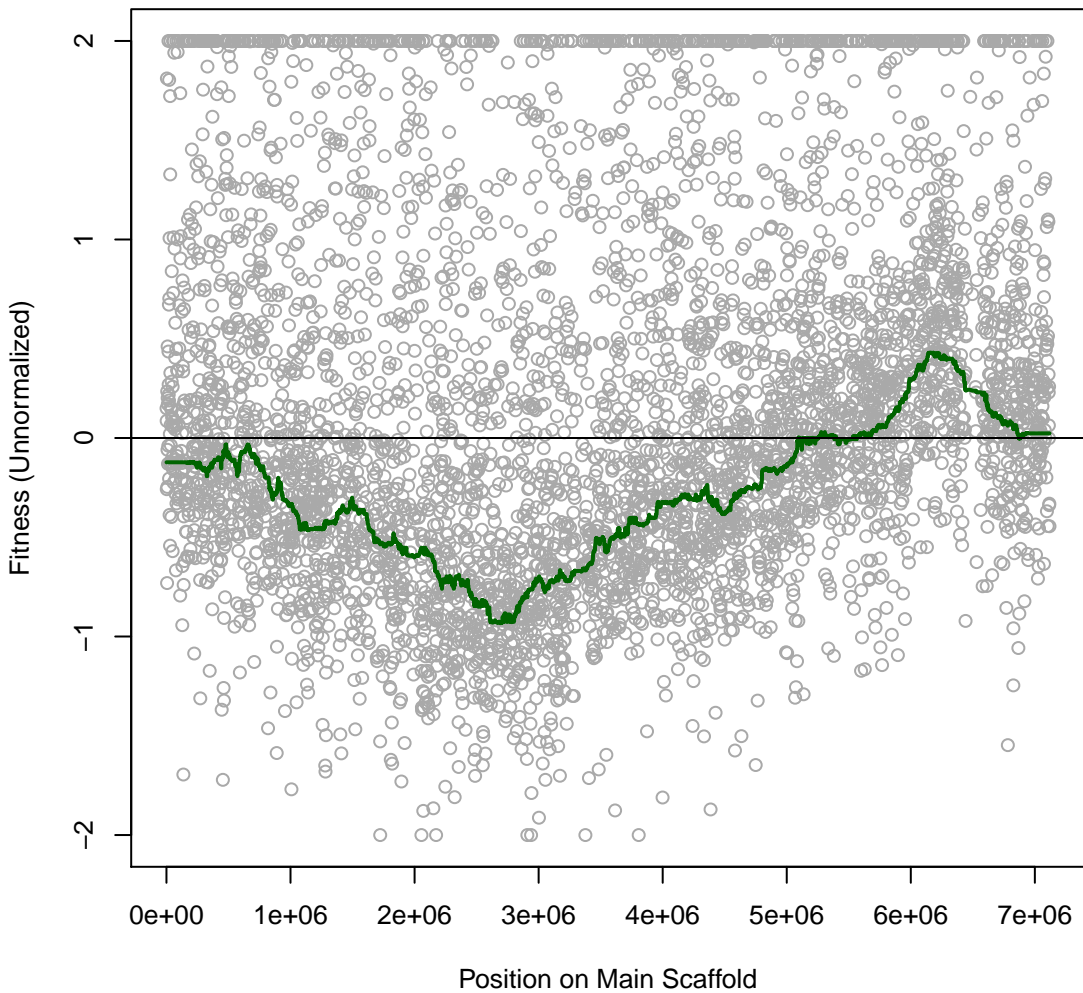
pseudo5\_N2C3\_1 2IT060 #60 (gMed=148 rho12=0.036)  
Time0



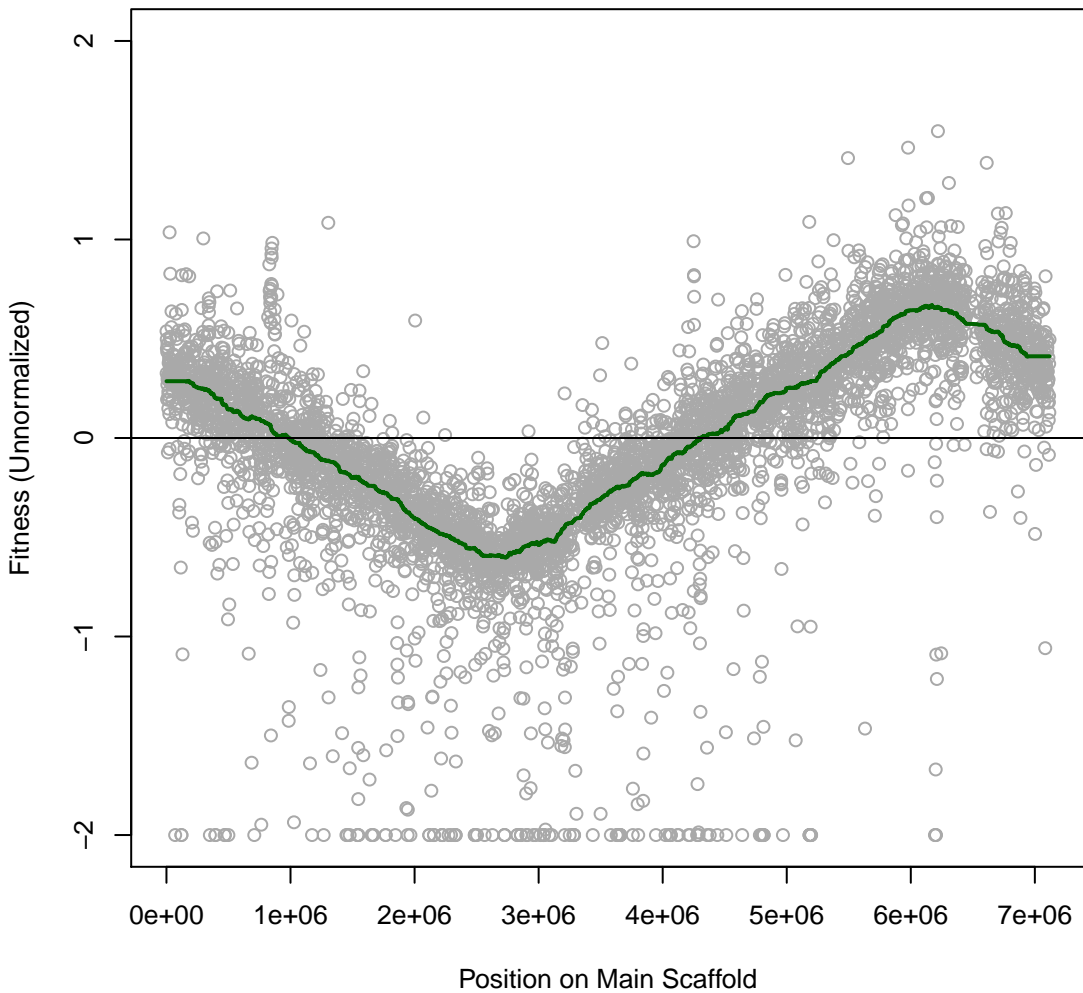
pseudo5\_N2C3\_1 2IT061 #61 (gMed=182 rho12=0.226)  
D-Mannitol (C)



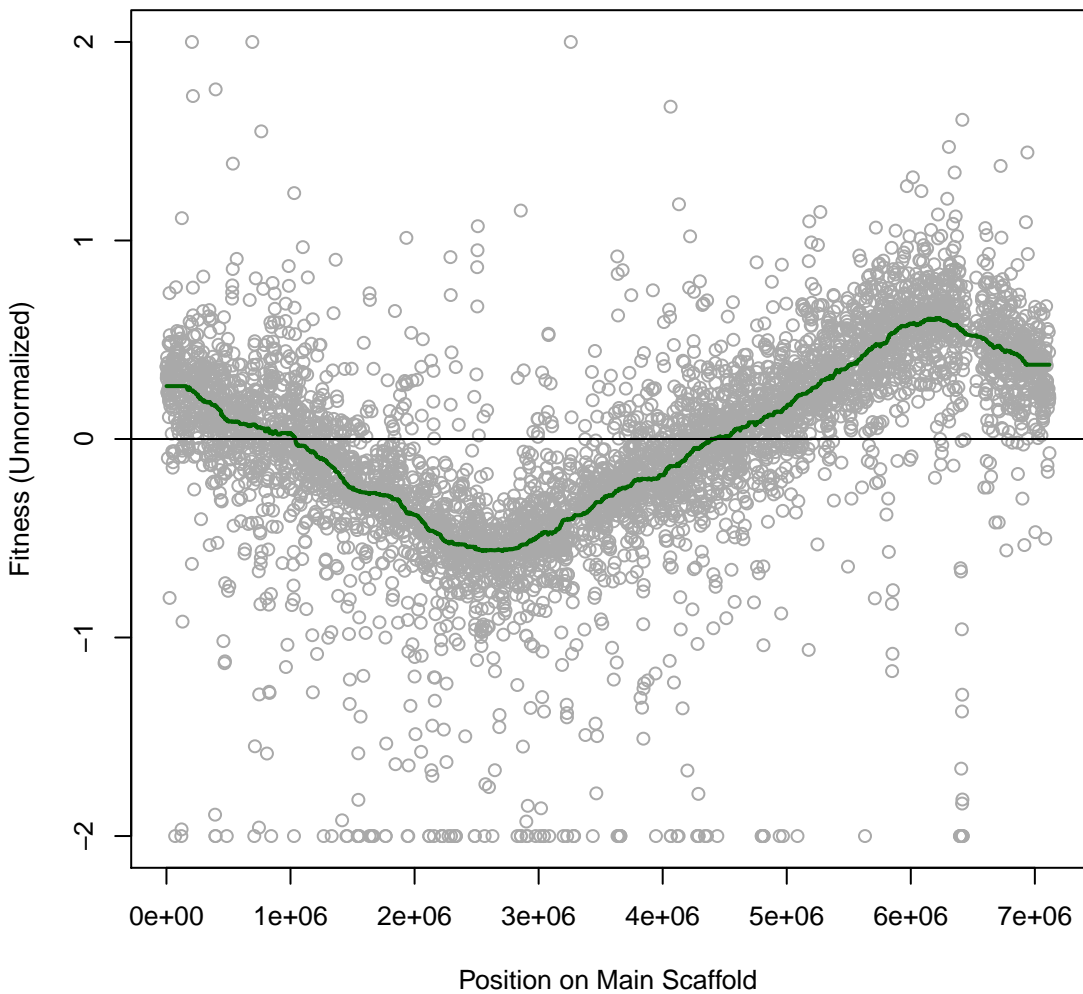
**pseudo5\_N2C3\_1 2IT062 #62 (gMed=1 rho12=0.093)**  
**4-Hydroxybenzoic Acid (C)**



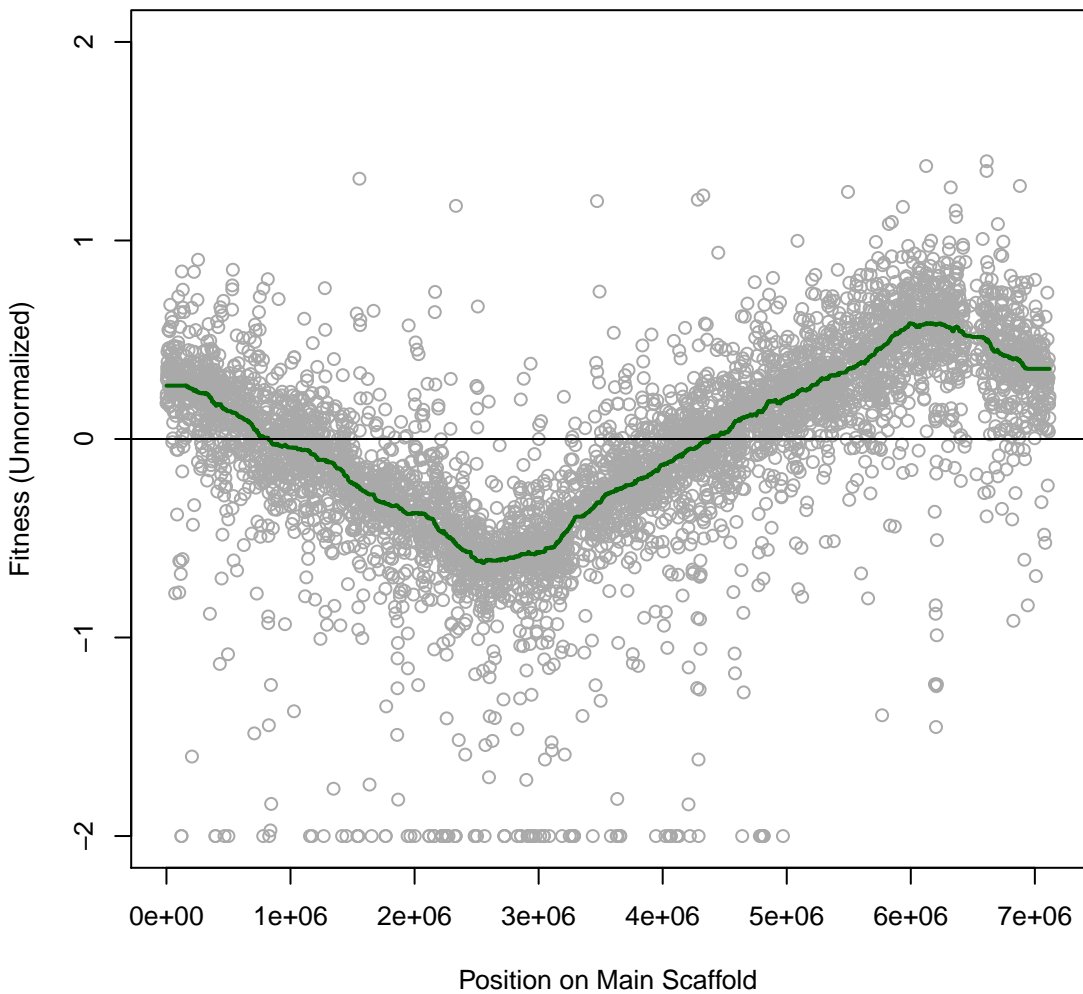
pseudo5\_N2C3\_1 2IT063 #63 (gMed=179 rho12=0.255)  
m-Inositol (C)



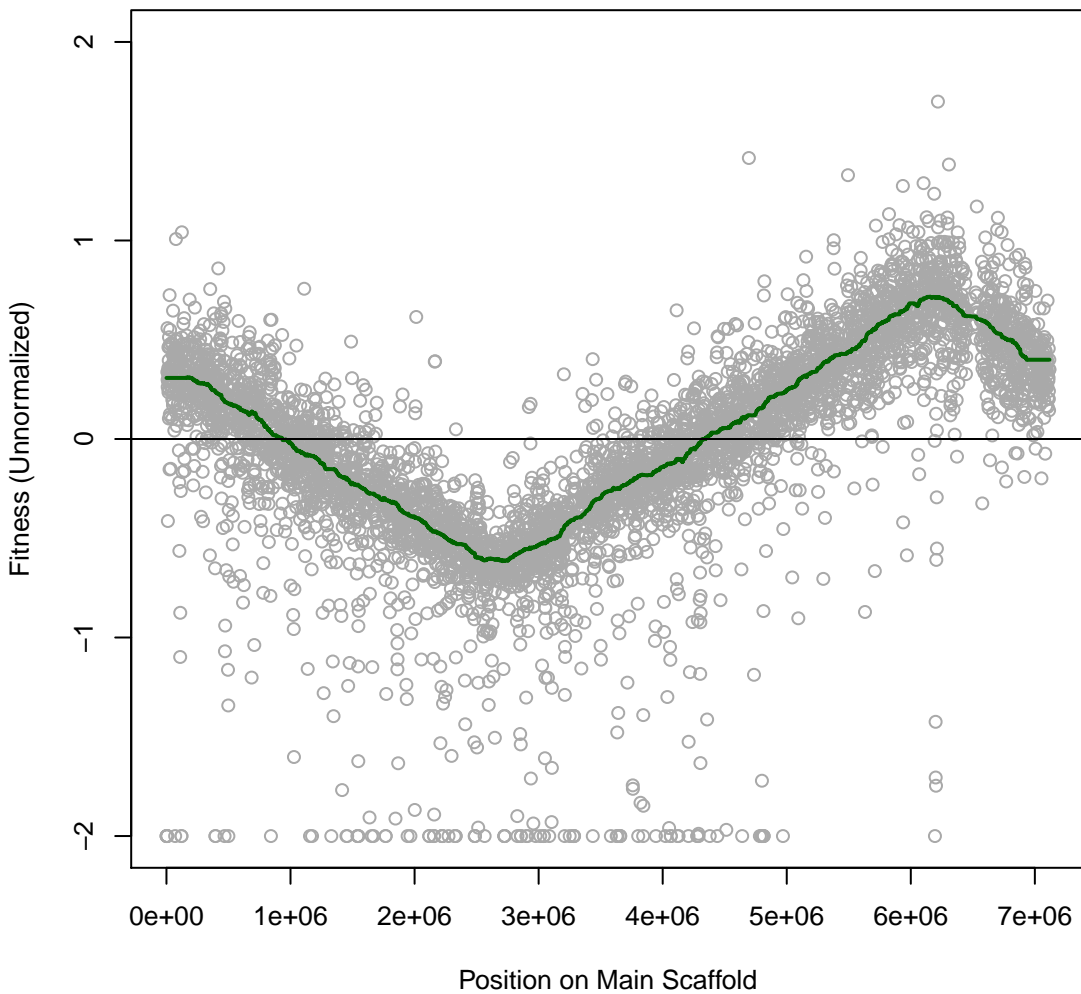
pseudo5\_N2C3\_1 2IT064 #64 (gMed=161 rho12=0.290)  
Ethanol (C)



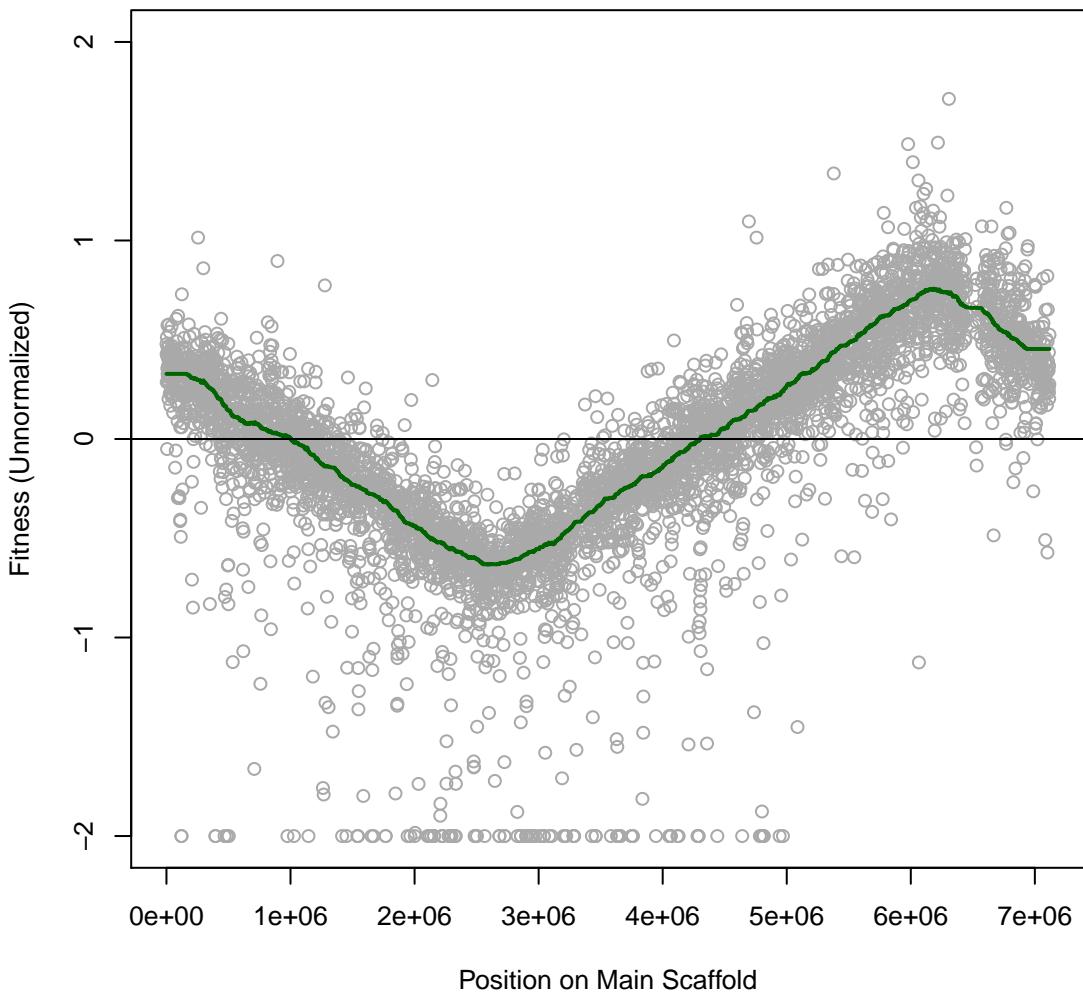
pseudo5\_N2C3\_1 2IT065 #65 (gMed=138 rho12=0.212)  
Glycerol (C)



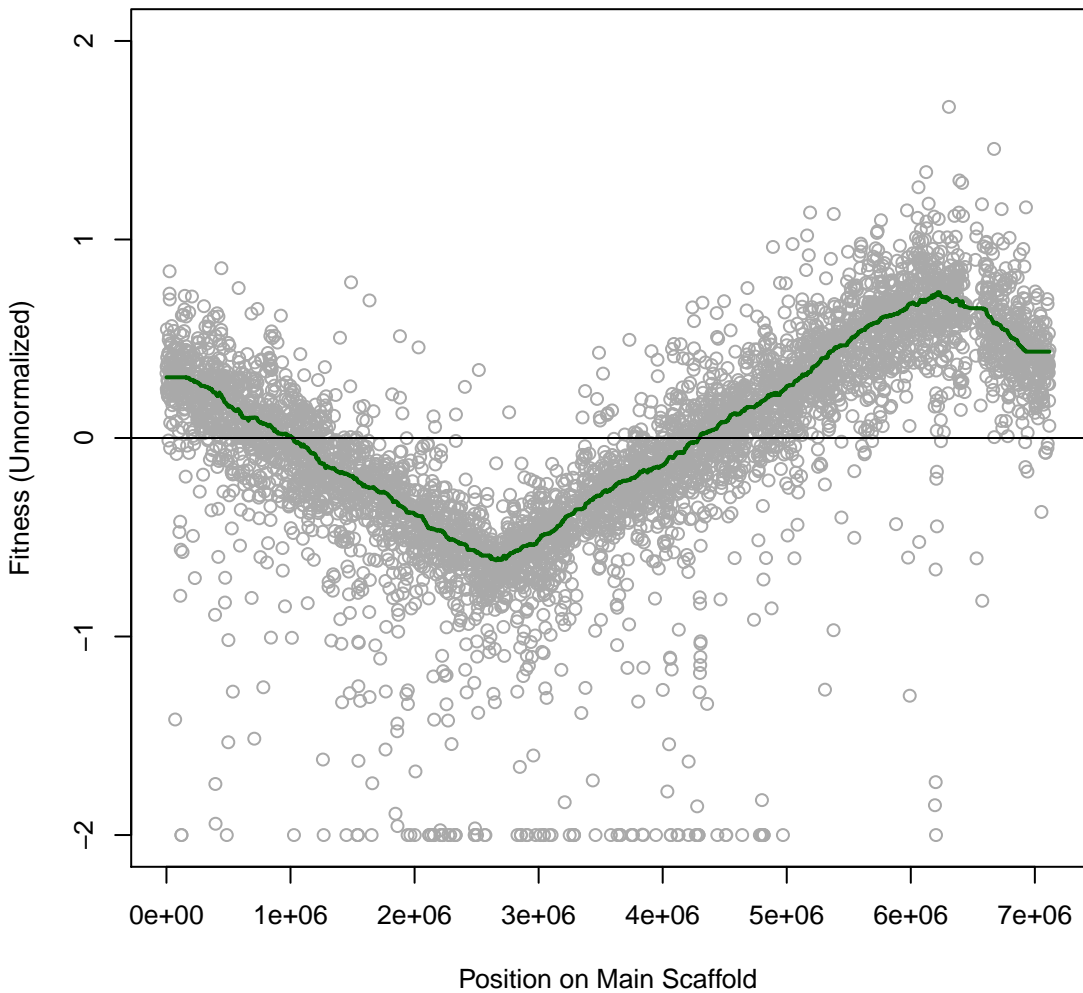
pseudo5\_N2C3\_1 2IT066 #66 (gMed=171 rho12=0.185)  
D-Sorbitol (C)



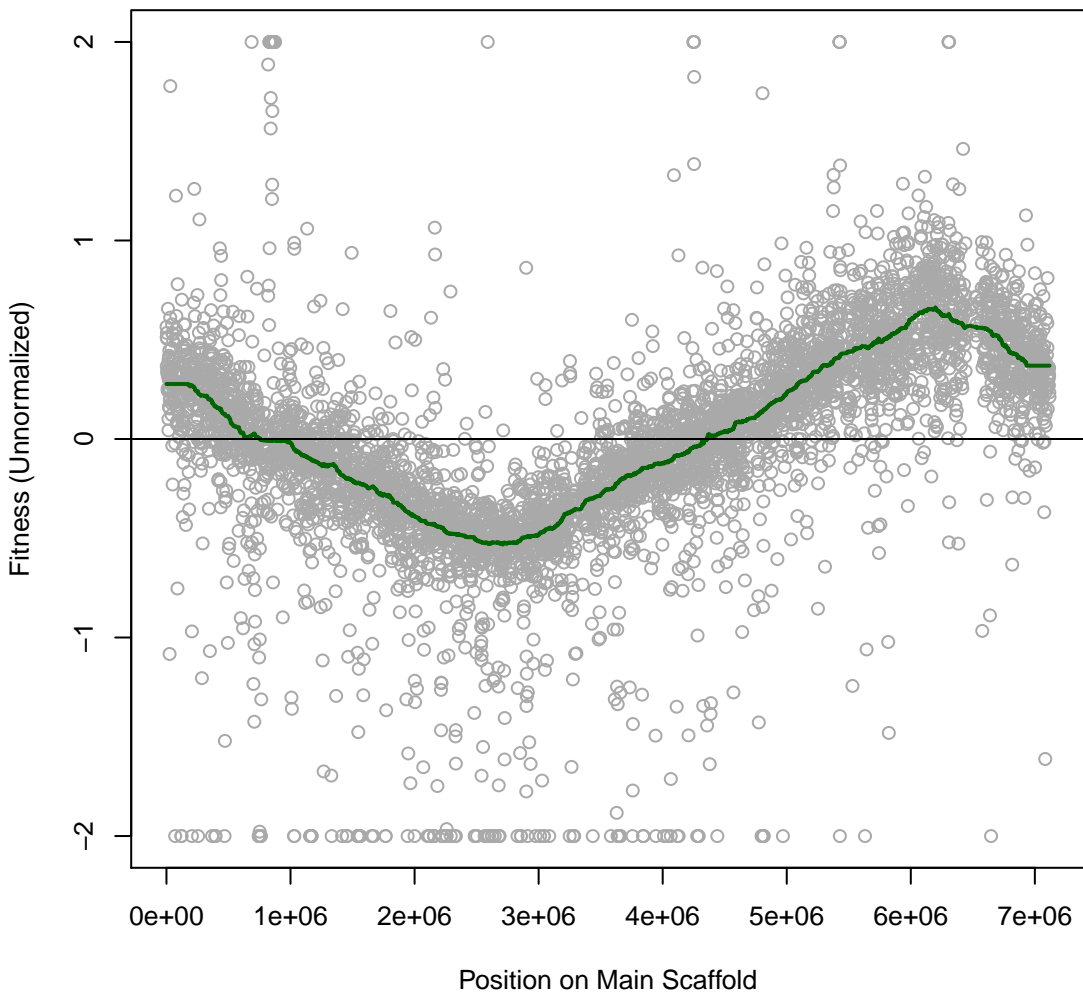
pseudo5\_N2C3\_1 2IT067 #67 (gMed=167 rho12=0.178)  
Tween 20 (C)



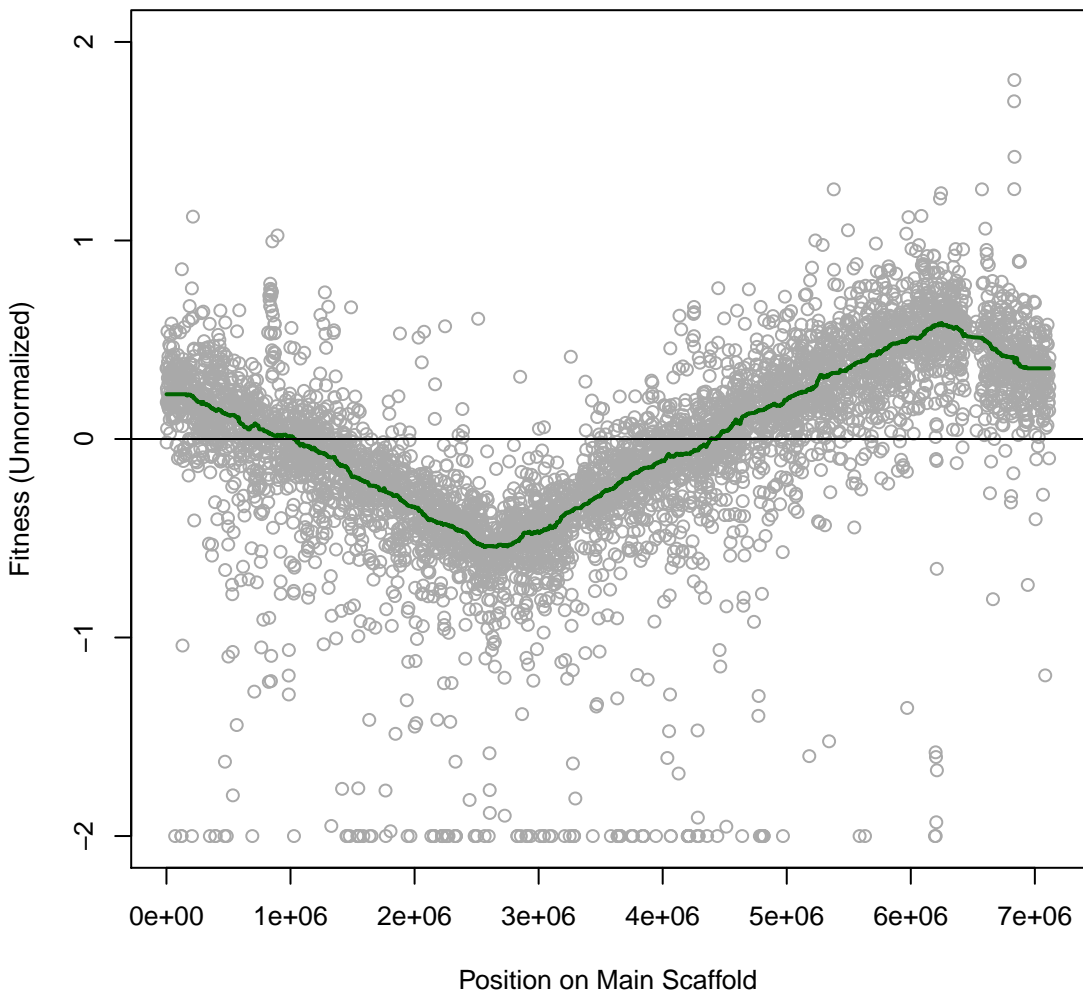
pseudo5\_N2C3\_1 2IT068 #68 (gMed=137 rho12=0.127)  
L-Malic (C)



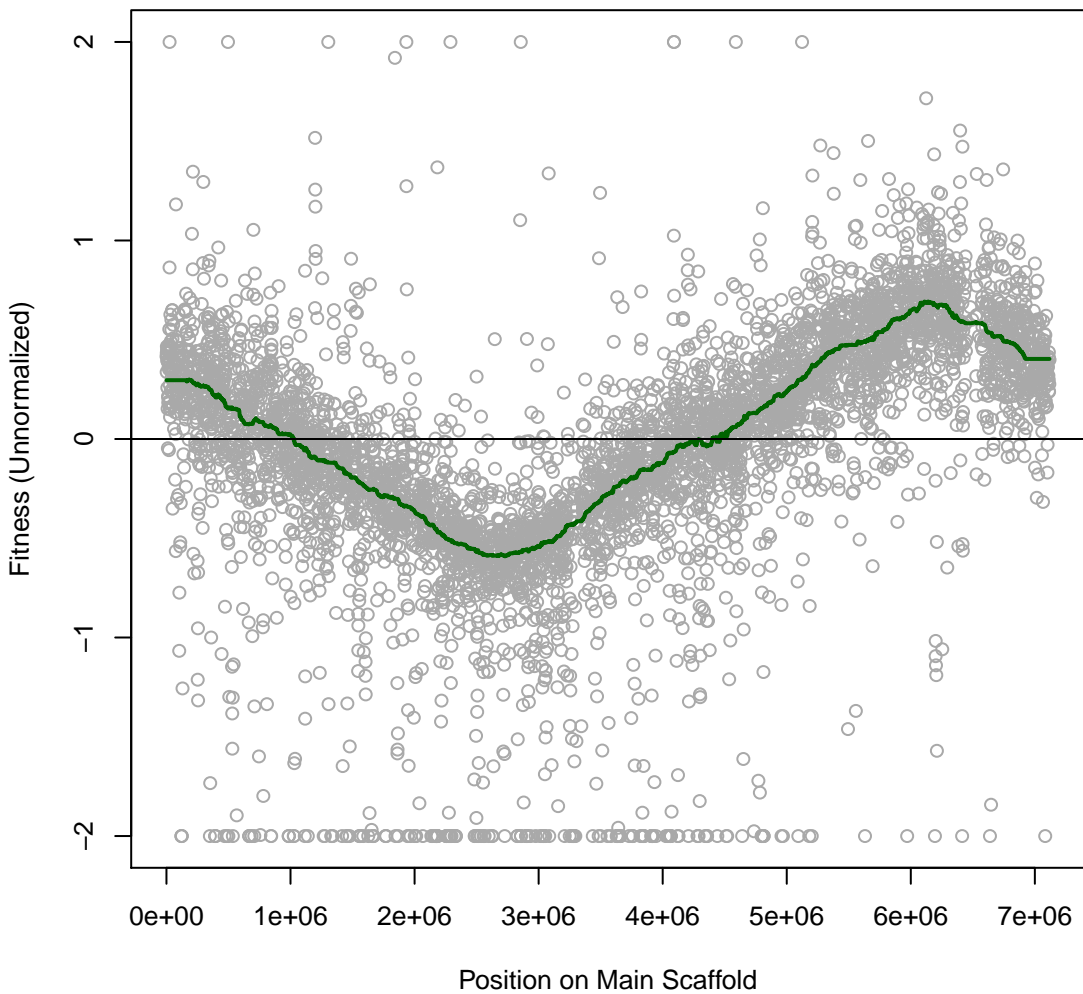
pseudo5\_N2C3\_1 2IT069 #69 (gMed=124 rho12=0.235)  
D-Trehalose (C)



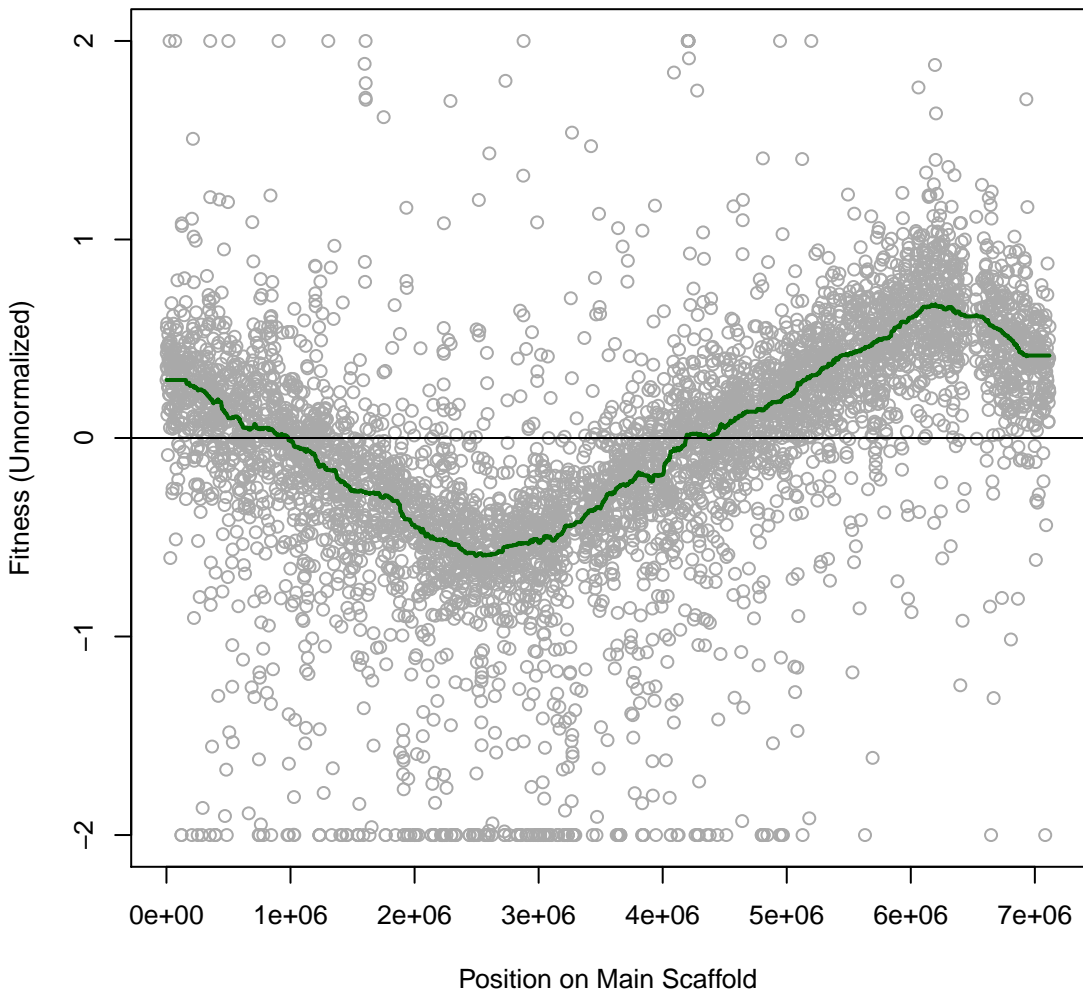
pseudo5\_N2C3\_1 2IT070 #70 (gMed=159 rho12=0.234)  
L-Arginine (C)



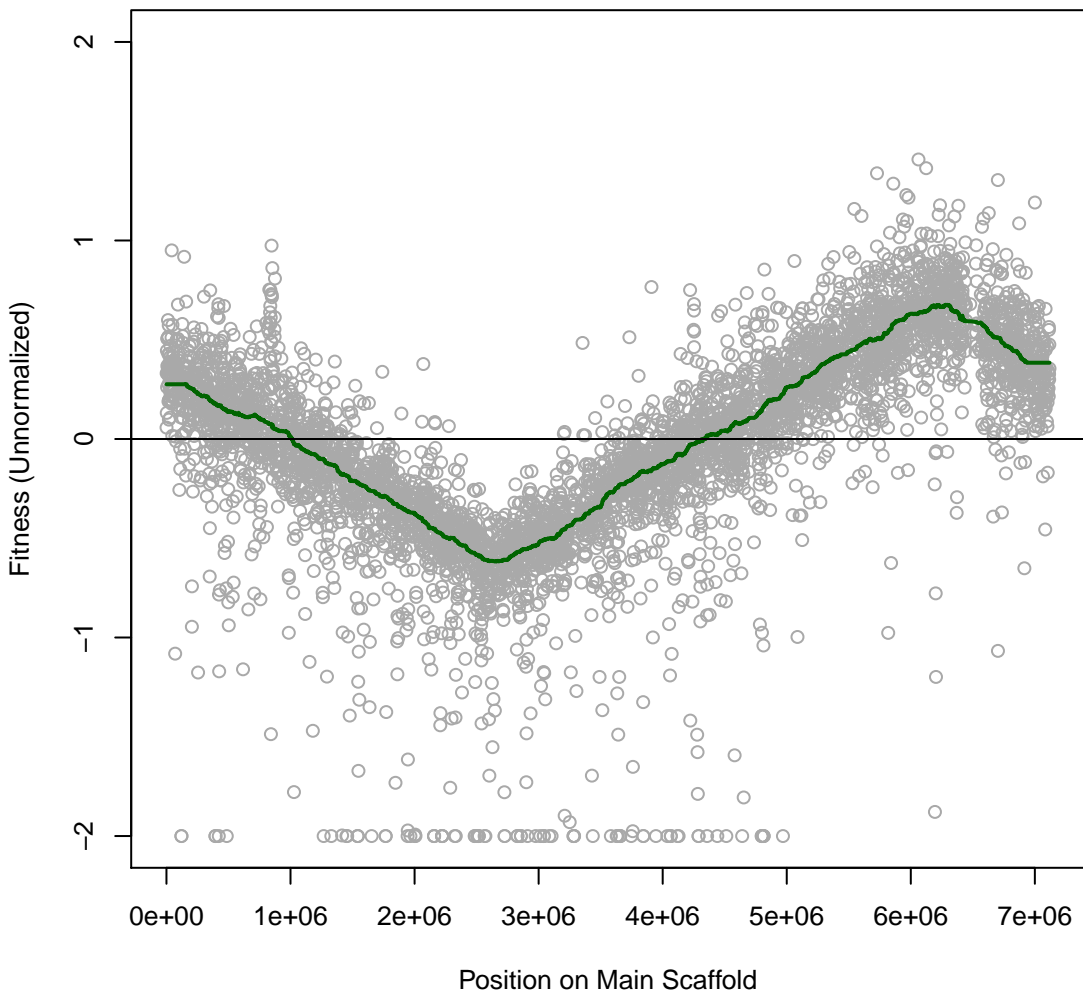
pseudo5\_N2C3\_1 2IT071 #71 (gMed=156 rho12=0.352)  
L-Histidine (C)



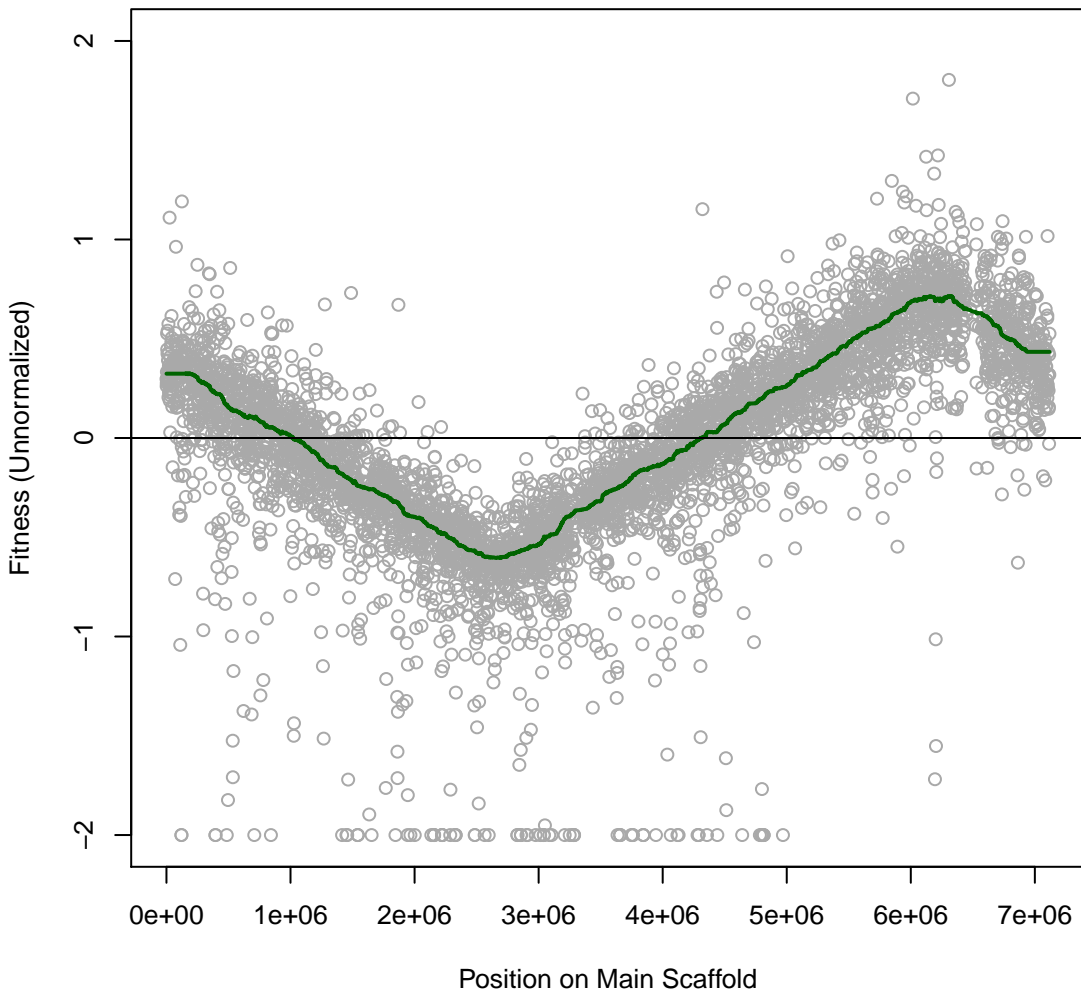
pseudo5\_N2C3\_1 2IT072 #72 (gMed=137 rho12=0.348)  
L-Lysine (C)



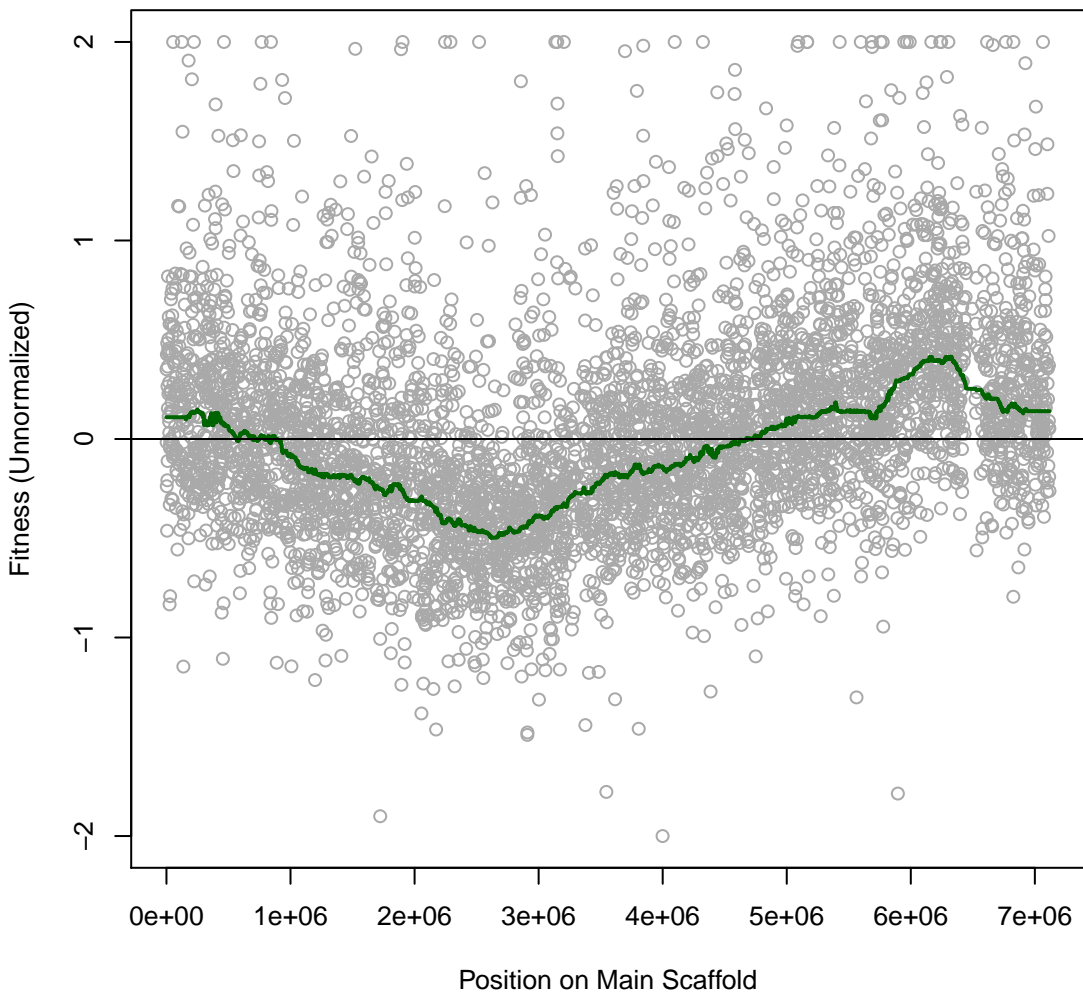
pseudo5\_N2C3\_1 2IT073 #73 (gMed=140 rho12=0.176)  
L-Aspartic Acid (C)



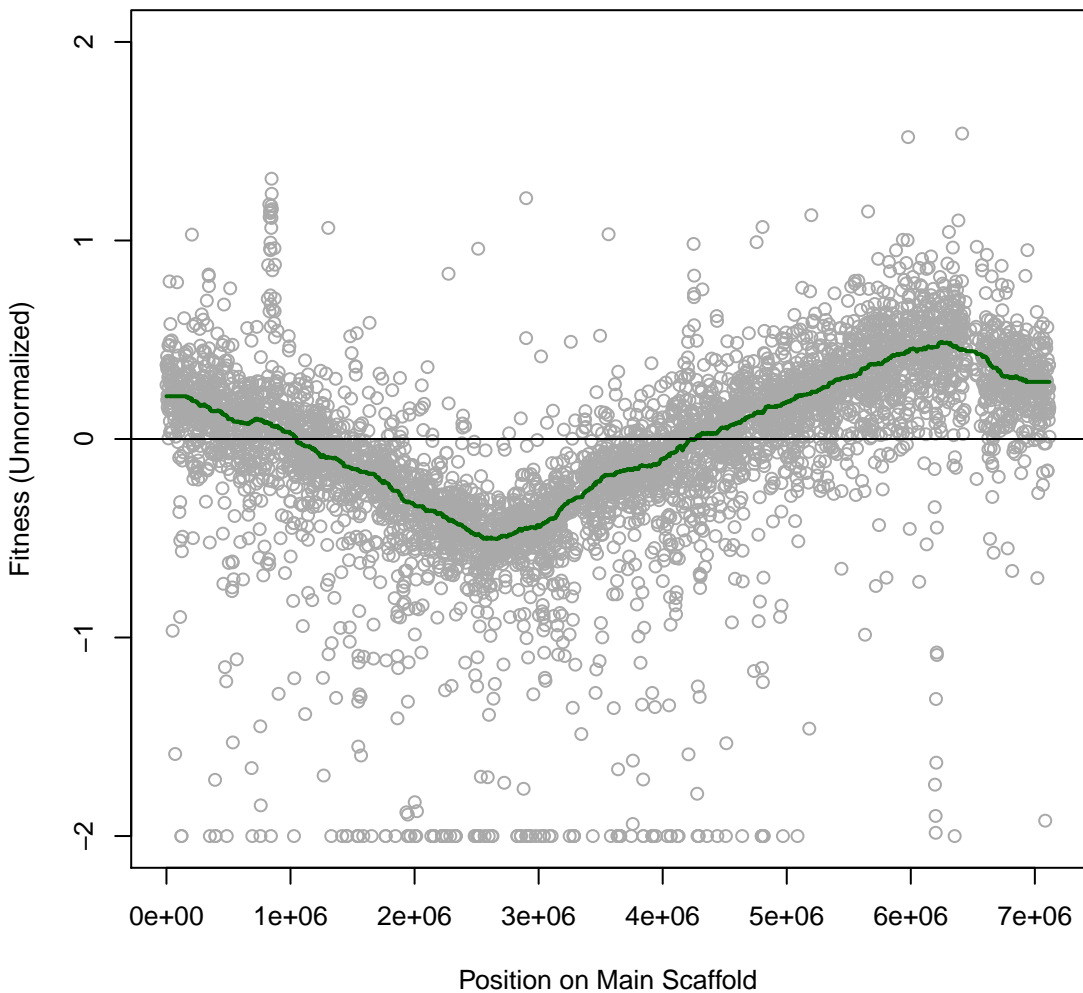
pseudo5\_N2C3\_1 2IT074 #74 (gMed=150 rho12=0.152)  
L-Glutamic (C)



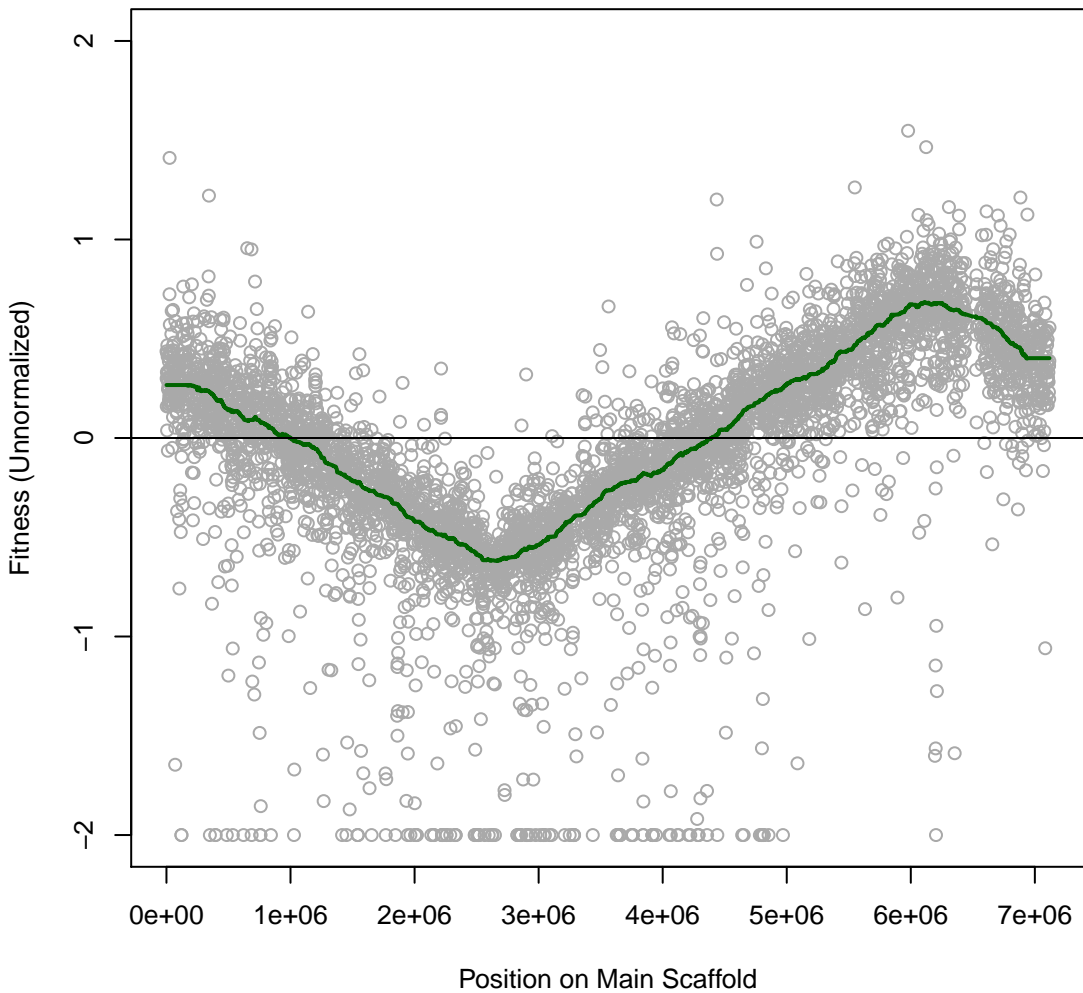
pseudo5\_N2C3\_1 2IT075 #75 (gMed=0 rho12=0.114)  
L-Serine (C)



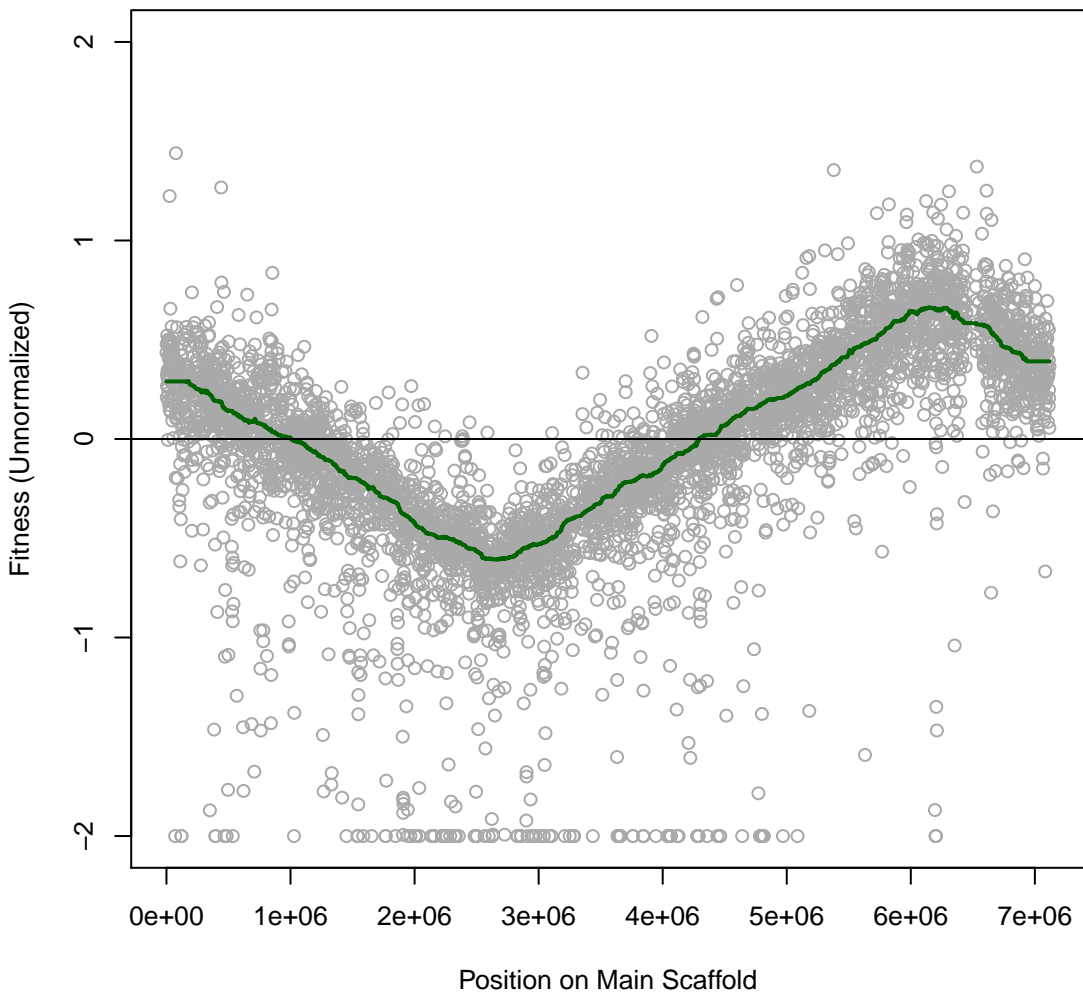
pseudo5\_N2C3\_1 2IT076 #76 (gMed=176 rho12=0.253)  
L-Asparagine (C)



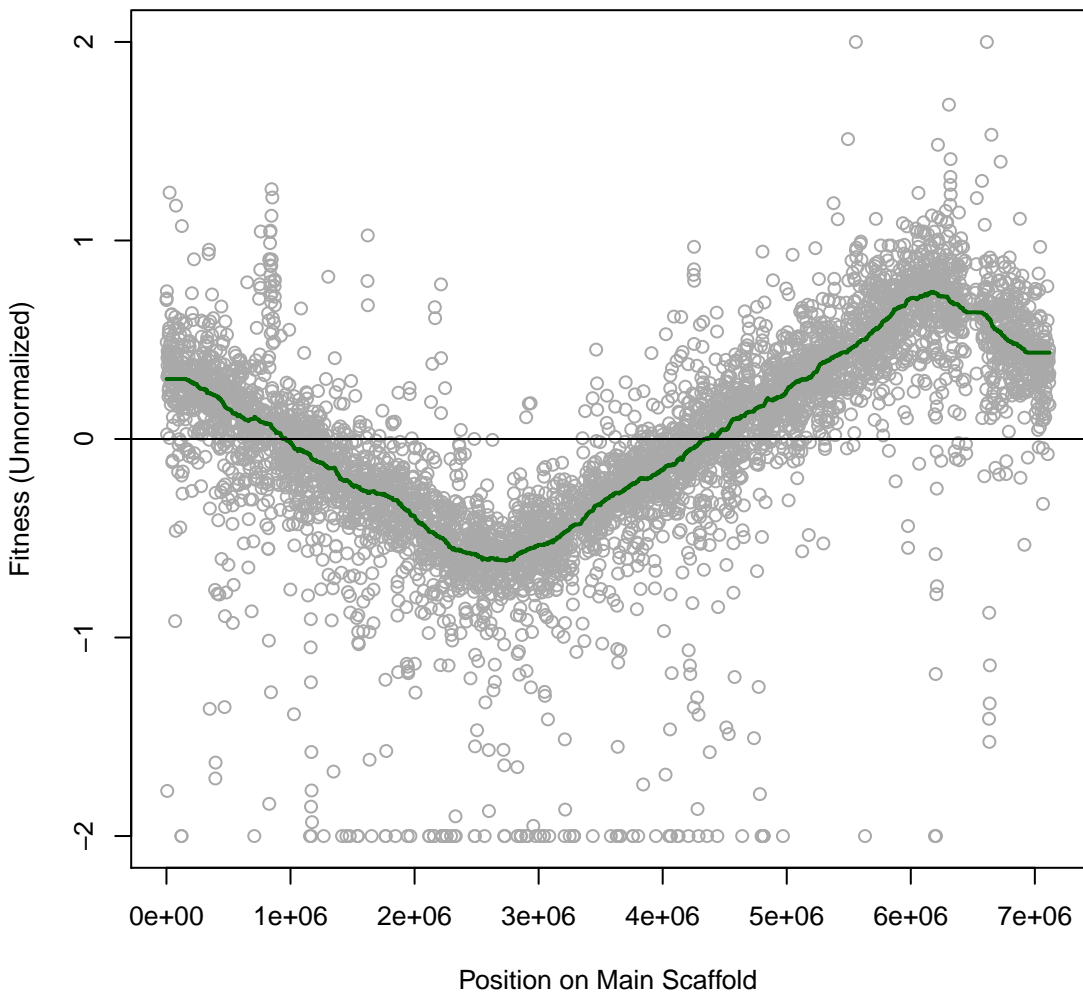
pseudo5\_N2C3\_1 2IT077 #77 (gMed=149 rho12=0.205)  
L-Glutamine (C)



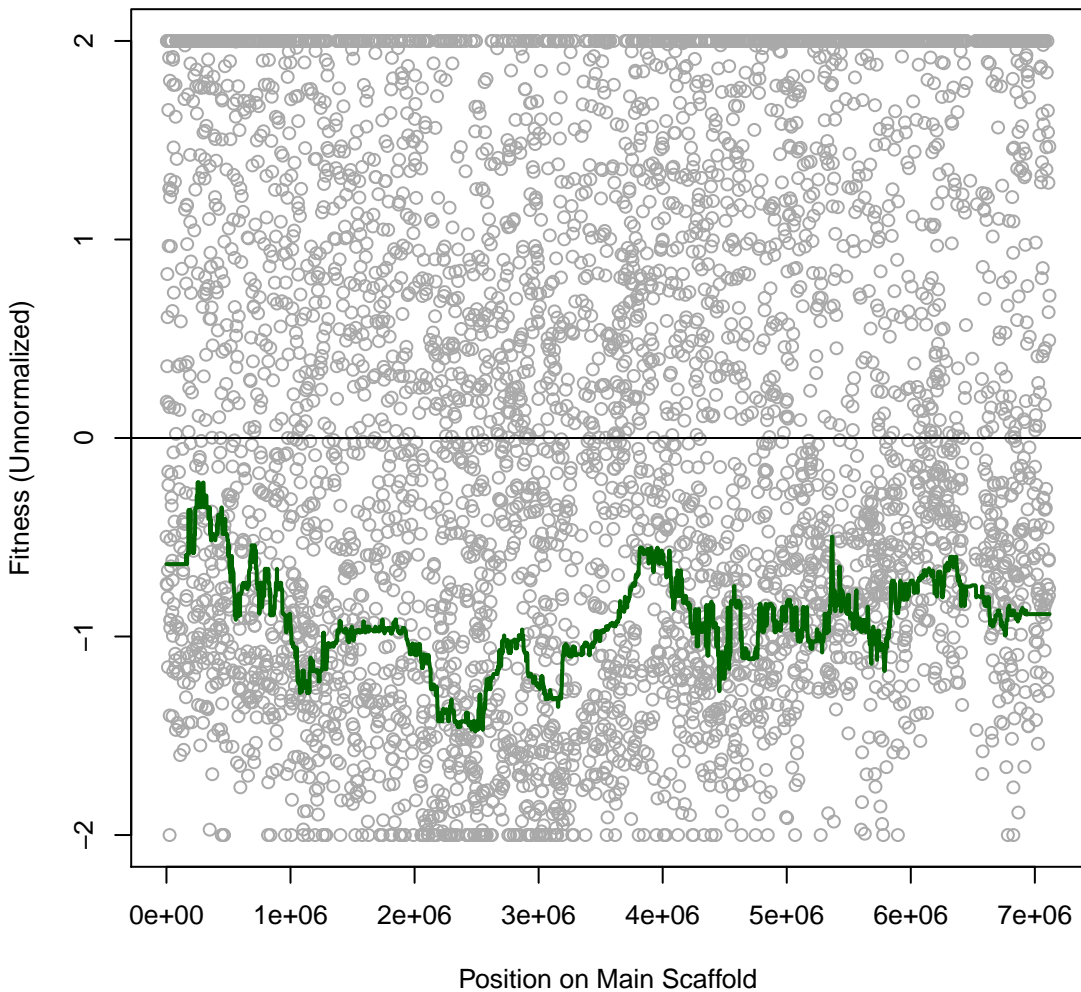
pseudo5\_N2C3\_1 2IT078 #78 (gMed=168 rho12=0.227)  
L-Proline (C)



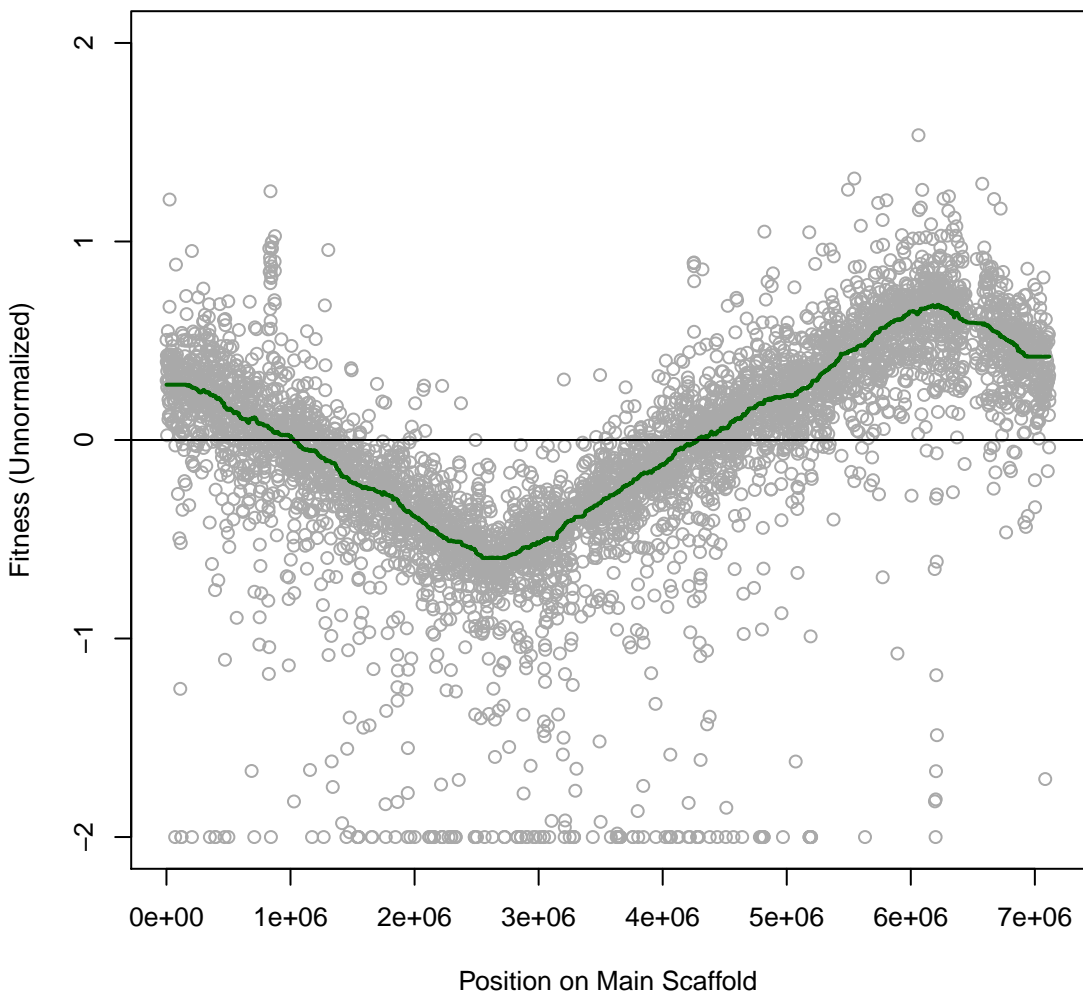
pseudo5\_N2C3\_1 2IT079 #79 (gMed=167 rho12=0.254)  
D-Mannitol (C)



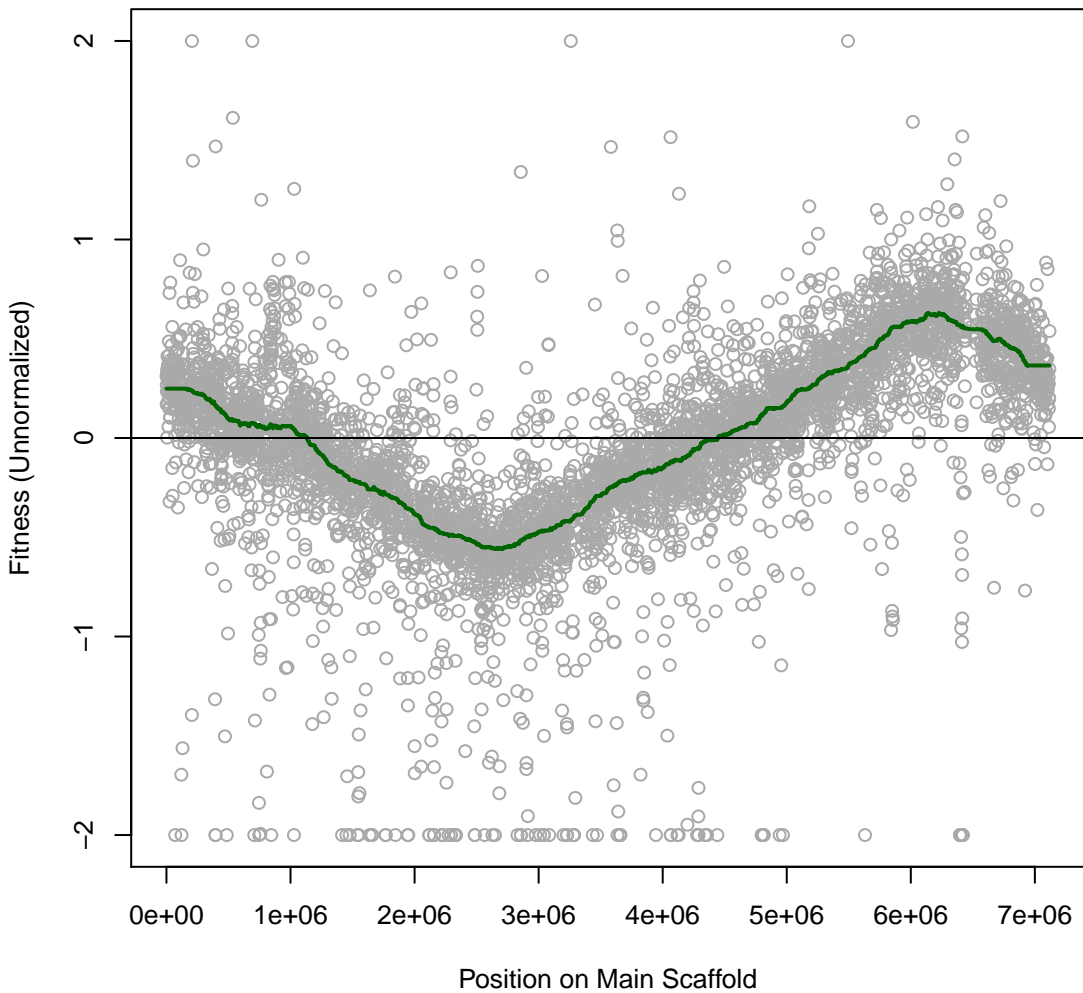
pseudo5\_N2C3\_1 2IT080 #80 (gMed=20 rho12=0.094)  
4-Hydroxybenzoic Acid (C)



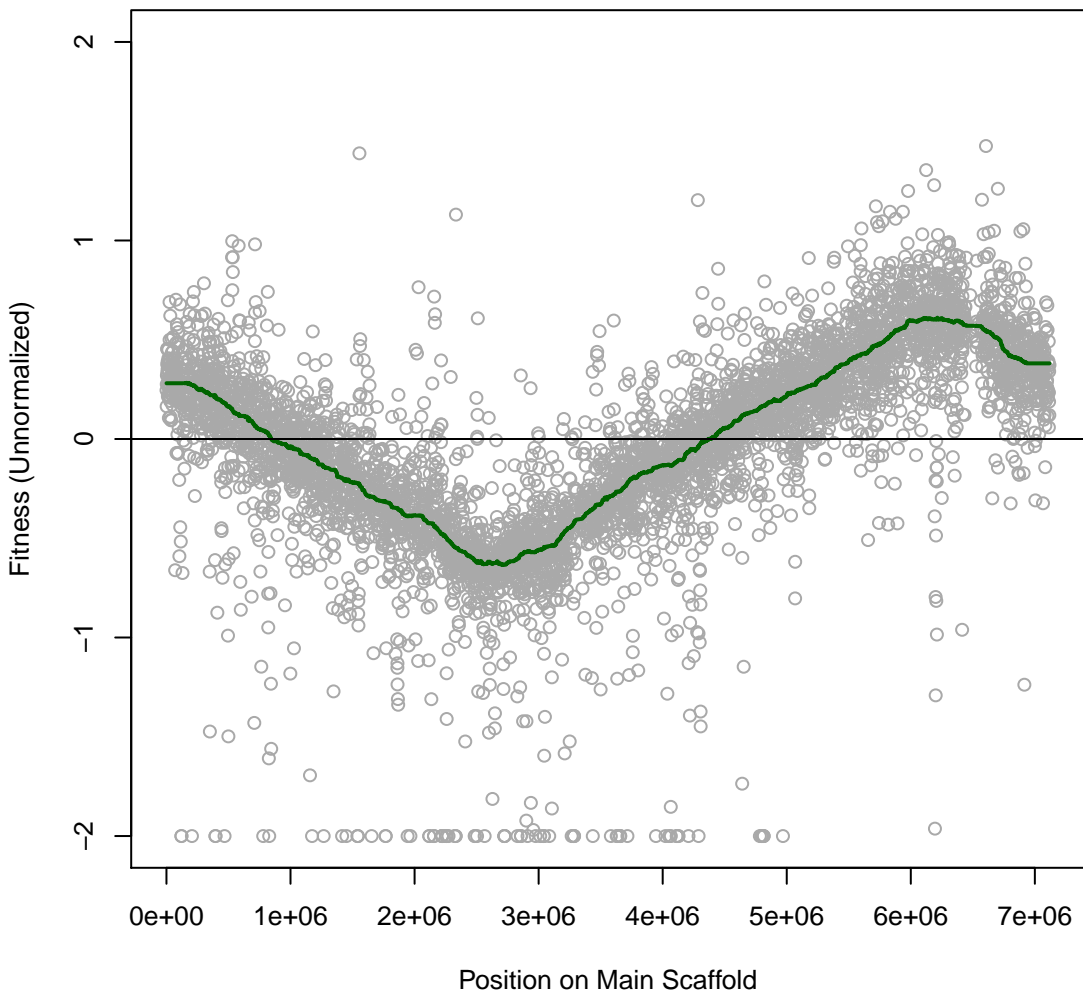
pseudo5\_N2C3\_1 2IT081 #81 (gMed=147 rho12=0.234)  
m-Inositol (C)



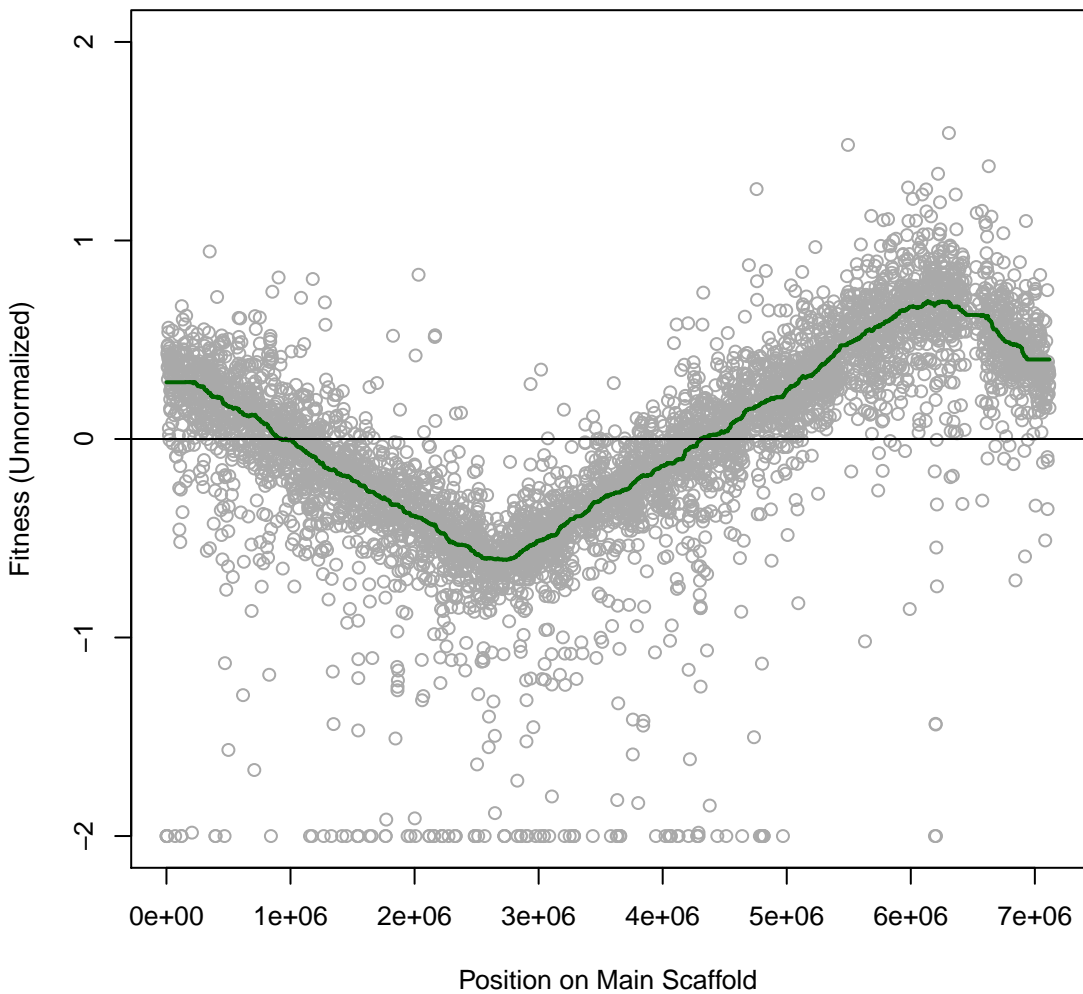
pseudo5\_N2C3\_1 2IT082 #82 (gMed=161 rho12=0.279)  
Ethanol (C)



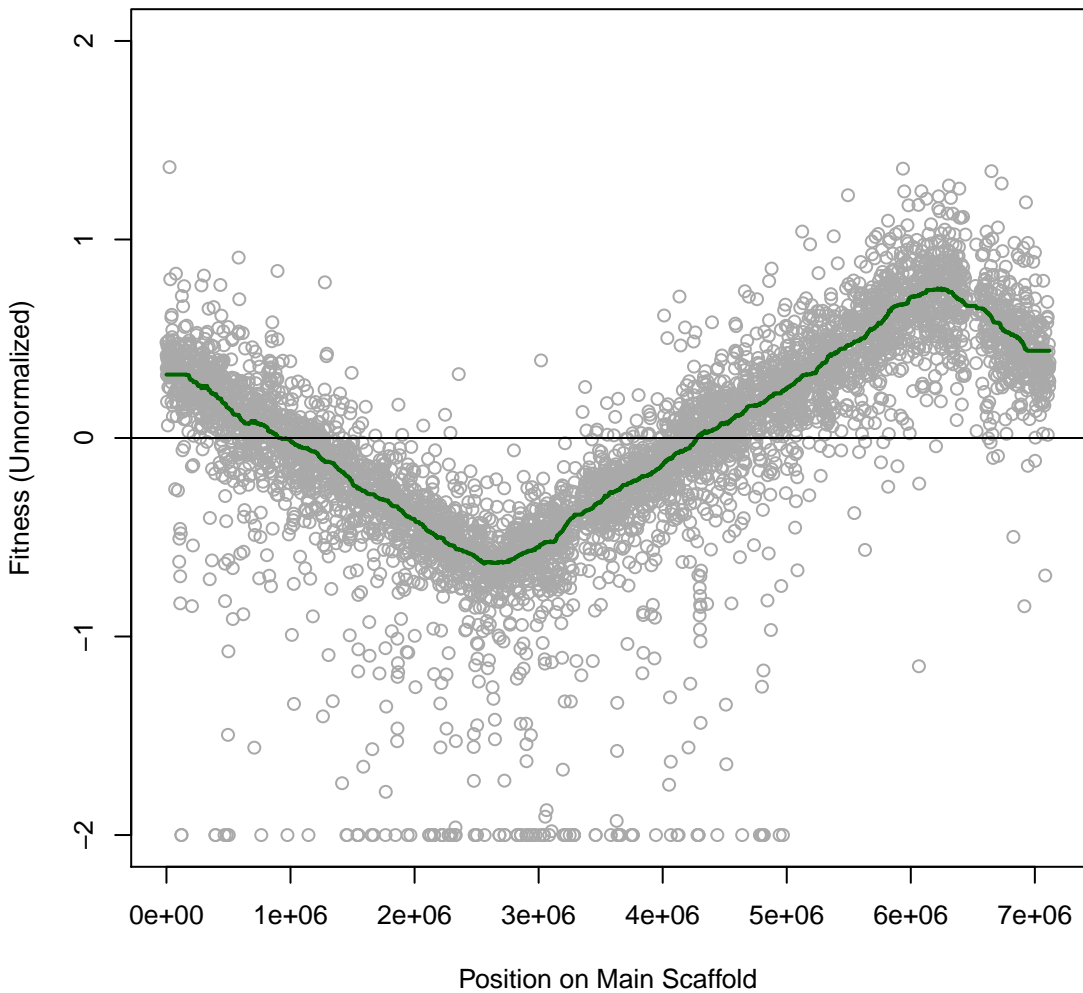
pseudo5\_N2C3\_1 2IT083 #83 (gMed=157 rho12=0.194)  
Glycerol (C)



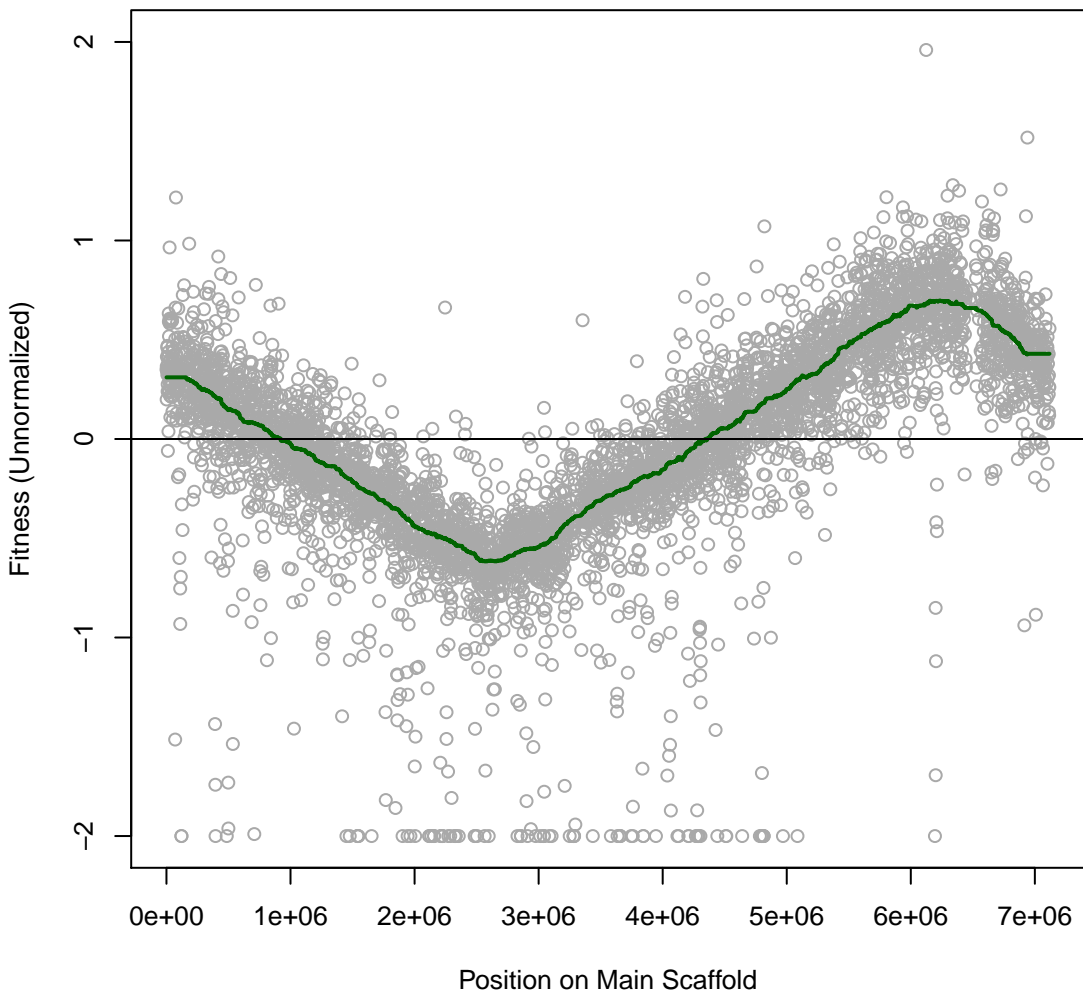
pseudo5\_N2C3\_1 2IT084 #84 (gMed=189 rho12=0.184)  
D-Sorbitol (C)



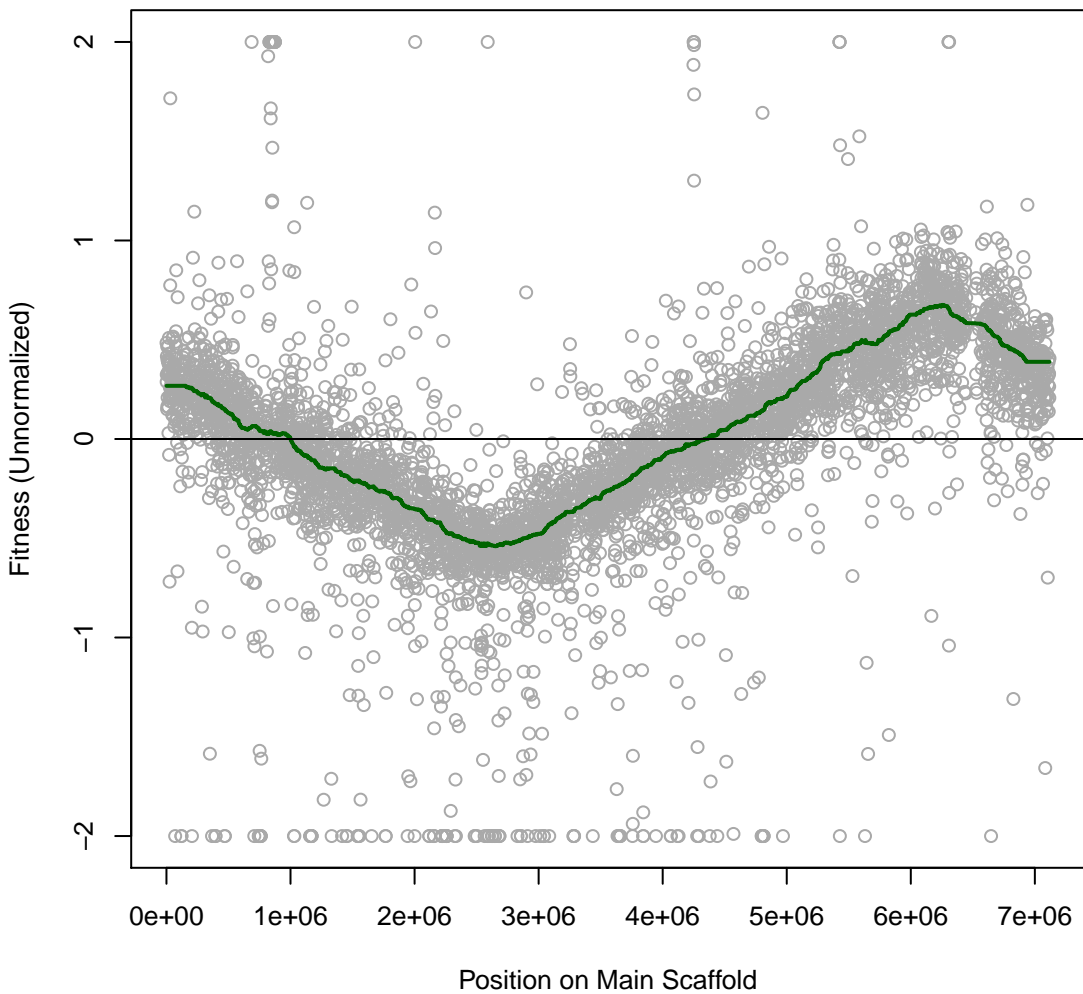
pseudo5\_N2C3\_1 2IT085 #85 (gMed=186 rho12=0.177)  
Tween 20 (C)



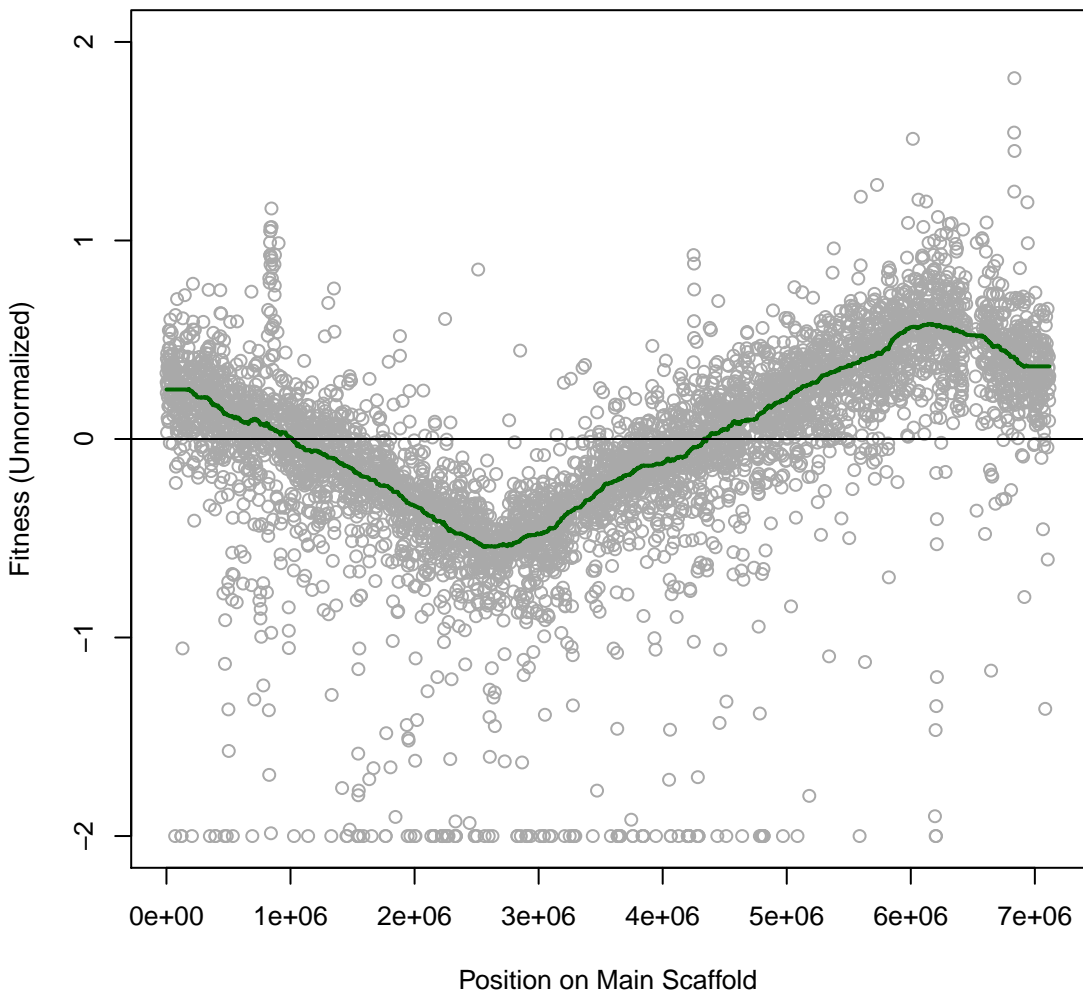
pseudo5\_N2C3\_1 2IT086 #86 (gMed=154 rho12=0.147)  
L-Malic (C)



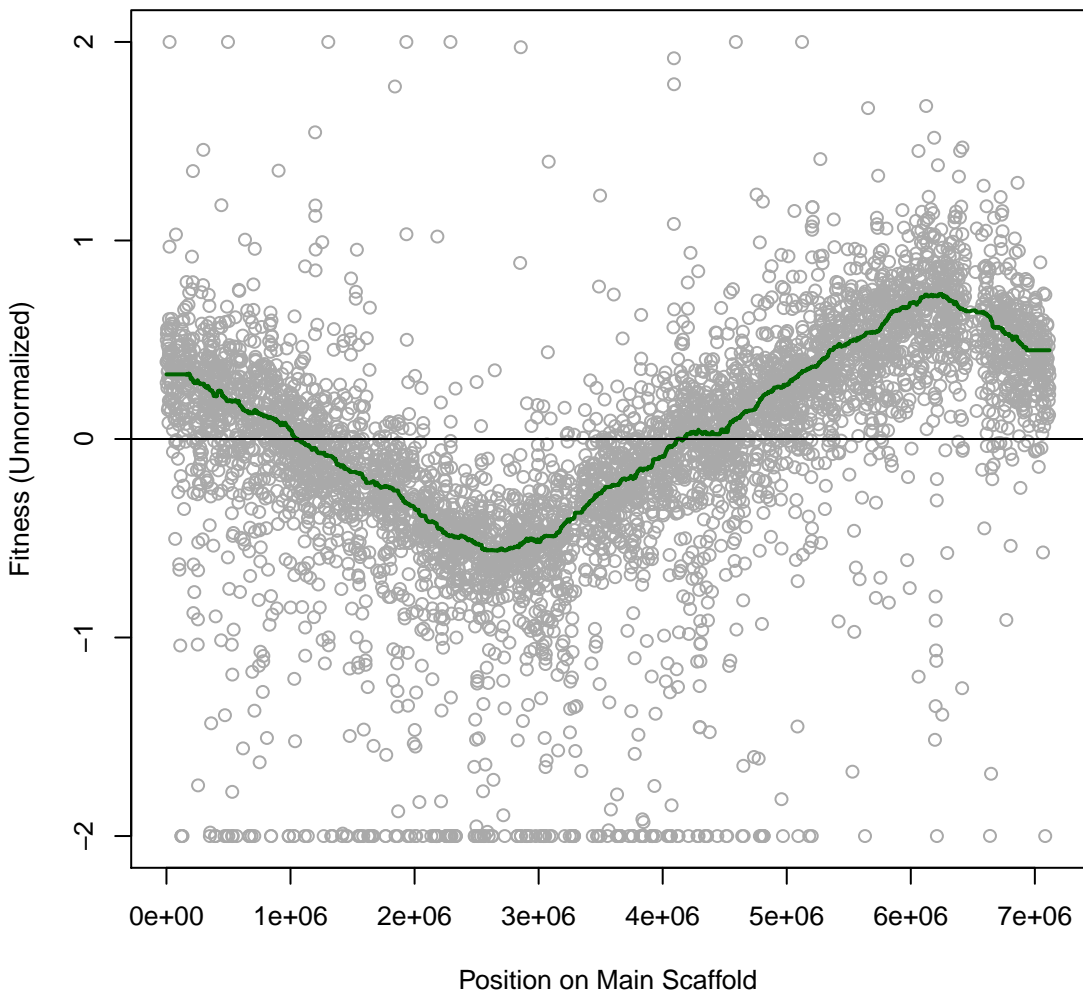
pseudo5\_N2C3\_1 2IT087 #87 (gMed=187 rho12=0.272)  
D-Trehalose (C)



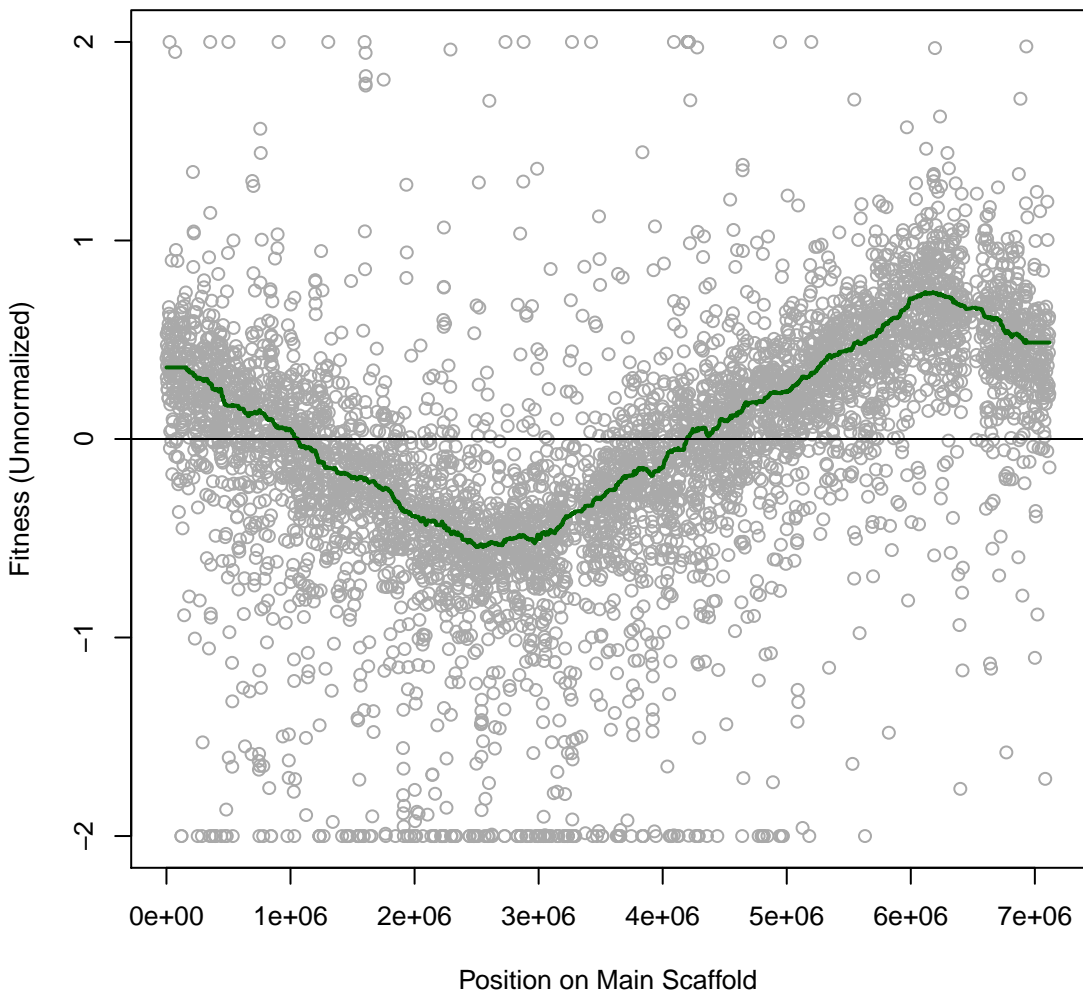
pseudo5\_N2C3\_1 2IT088 #88 (gMed=154 rho12=0.216)  
L-Arginine (C)



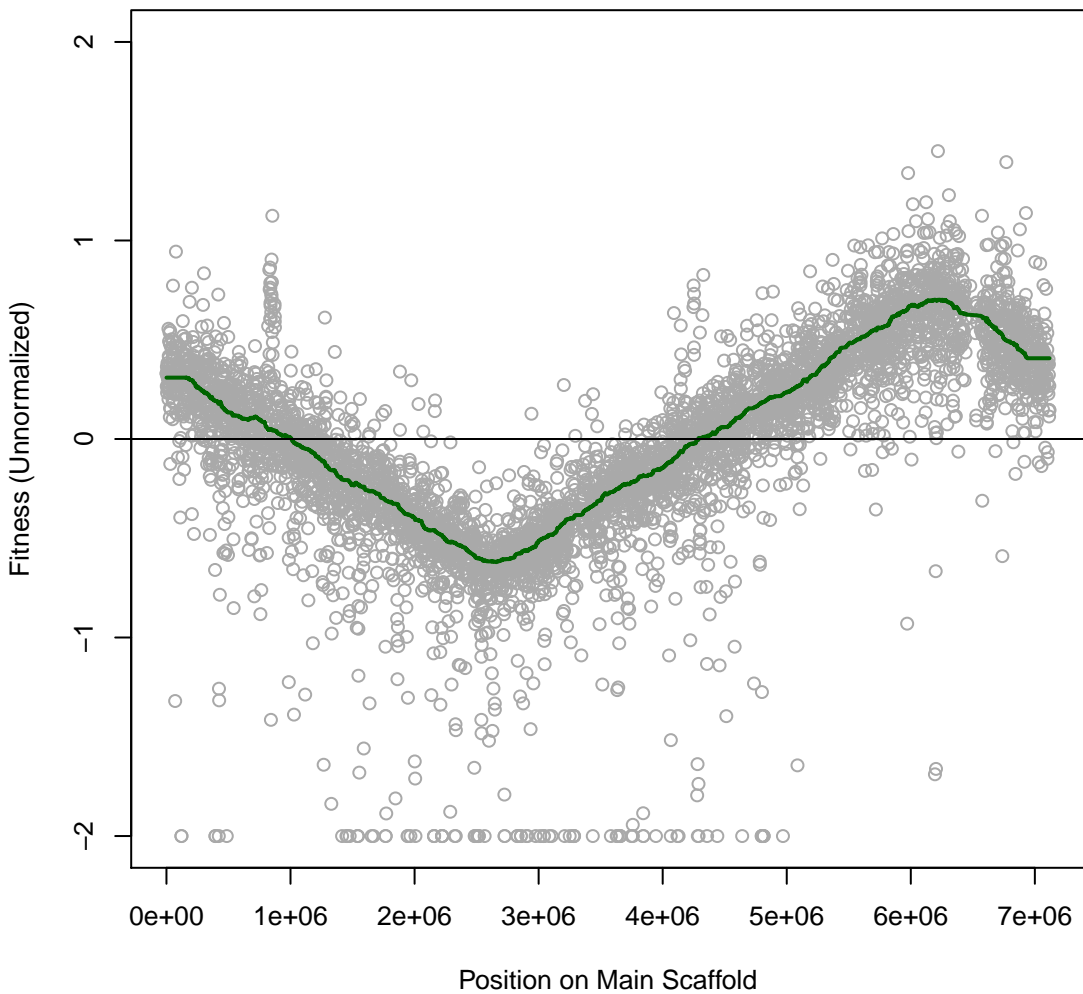
pseudo5\_N2C3\_1 2IT089 #89 (gMed=147 rho12=0.371)  
L-Histidine (C)



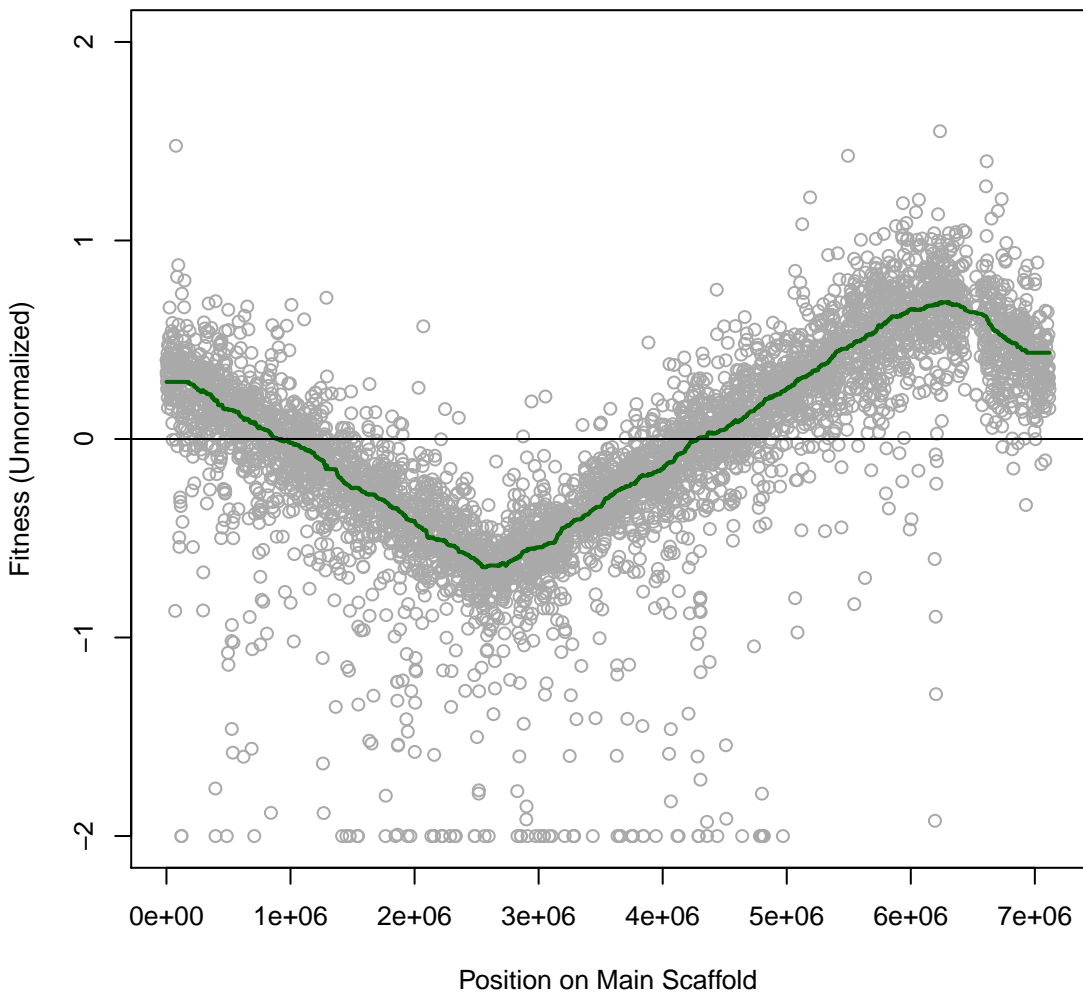
pseudo5\_N2C3\_1 2IT090 #90 (gMed=100 rho12=0.349)  
L-Lysine (C)



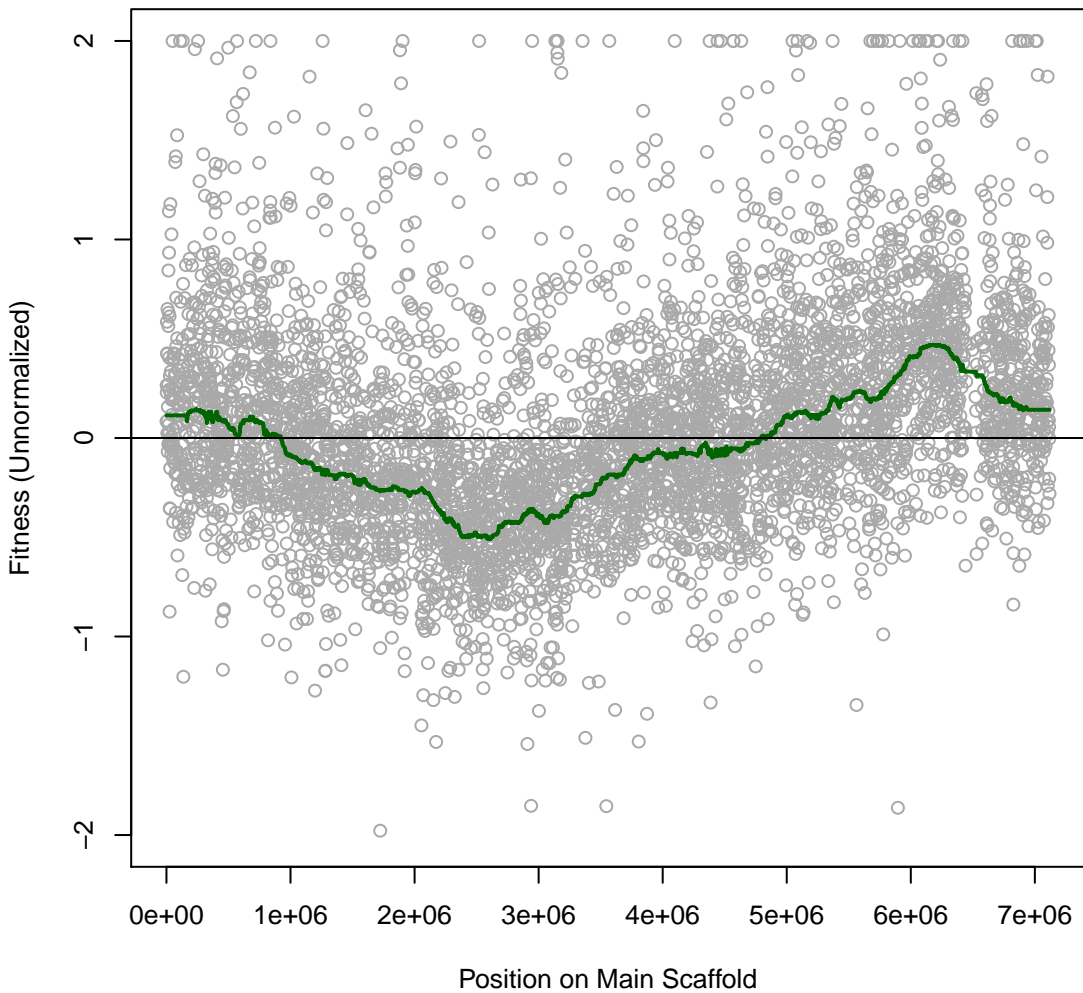
pseudo5\_N2C3\_1 2IT091 #91 (gMed=188 rho12=0.206)  
L-Aspartic Acid (C)



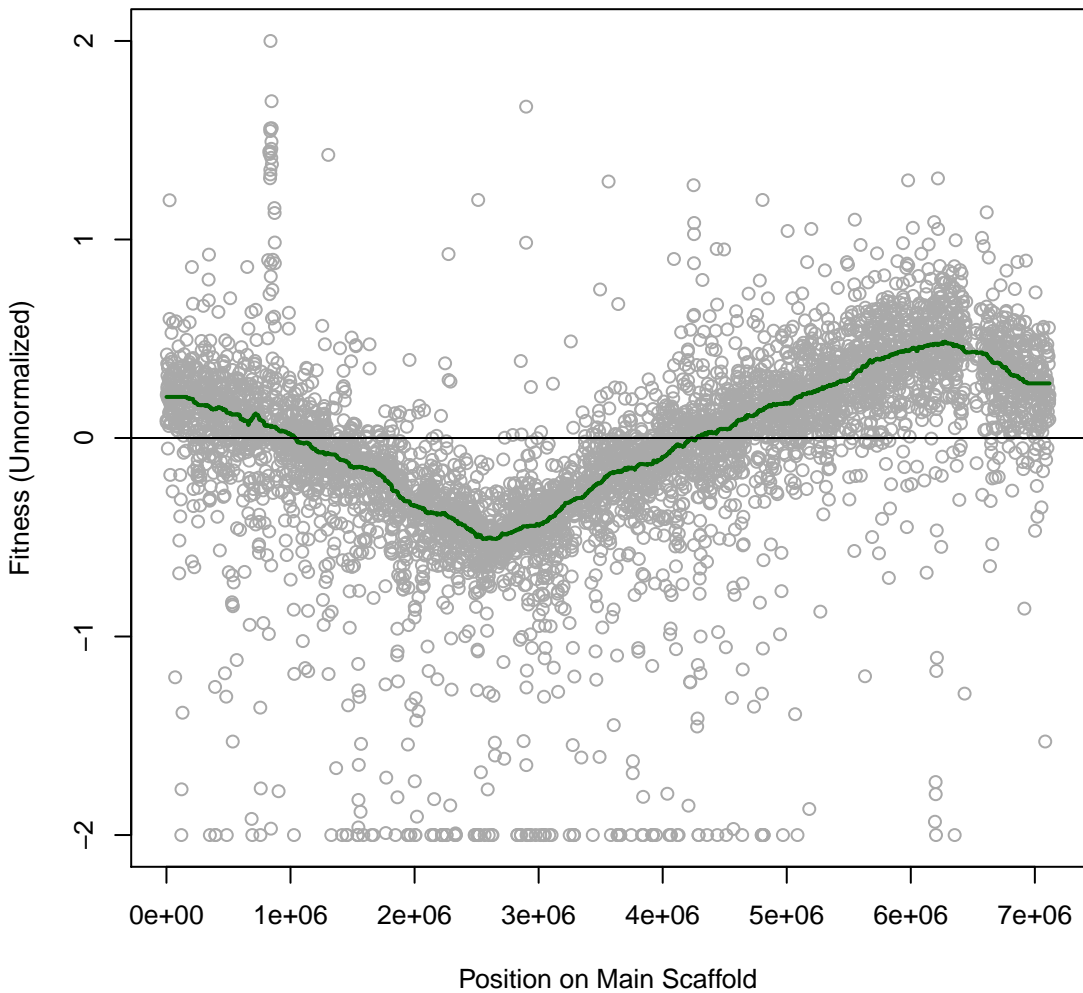
pseudo5\_N2C3\_1 2IT092 #92 (gMed=158 rho12=0.179)  
L-Glutamic (C)



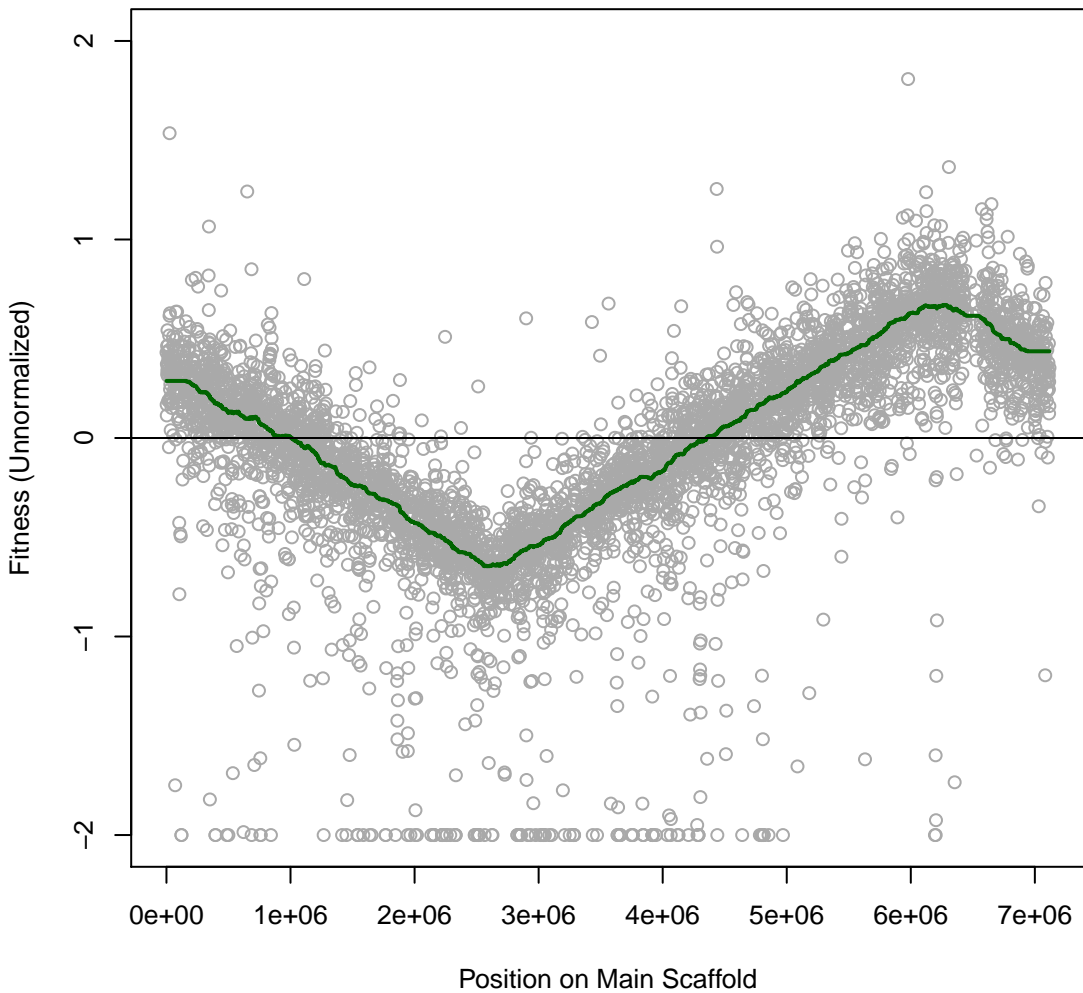
pseudo5\_N2C3\_1 2IT093 #93 (gMed=1 rho12=0.070)  
L-Serine (C)



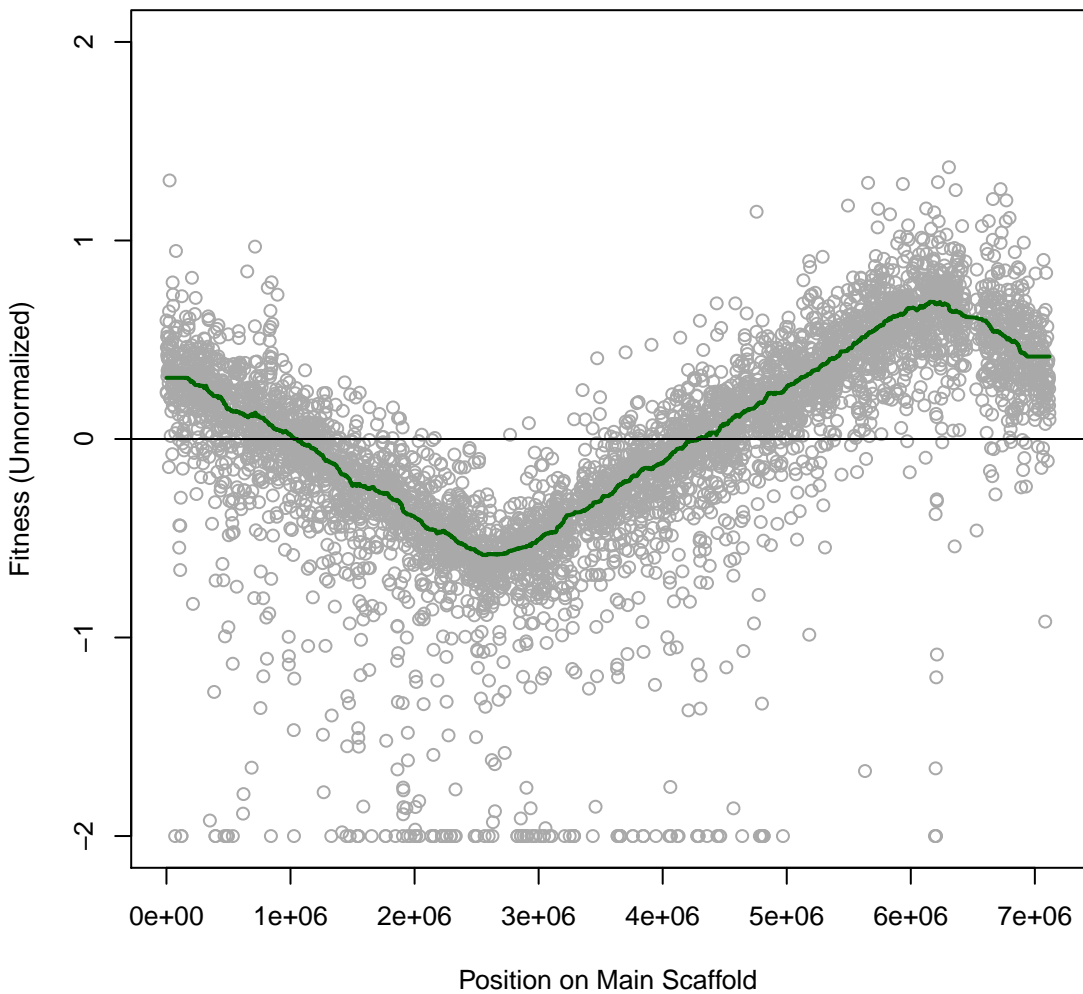
pseudo5\_N2C3\_1 2IT094 #94 (gMed=181 rho12=0.289)  
L-Asparagine (C)



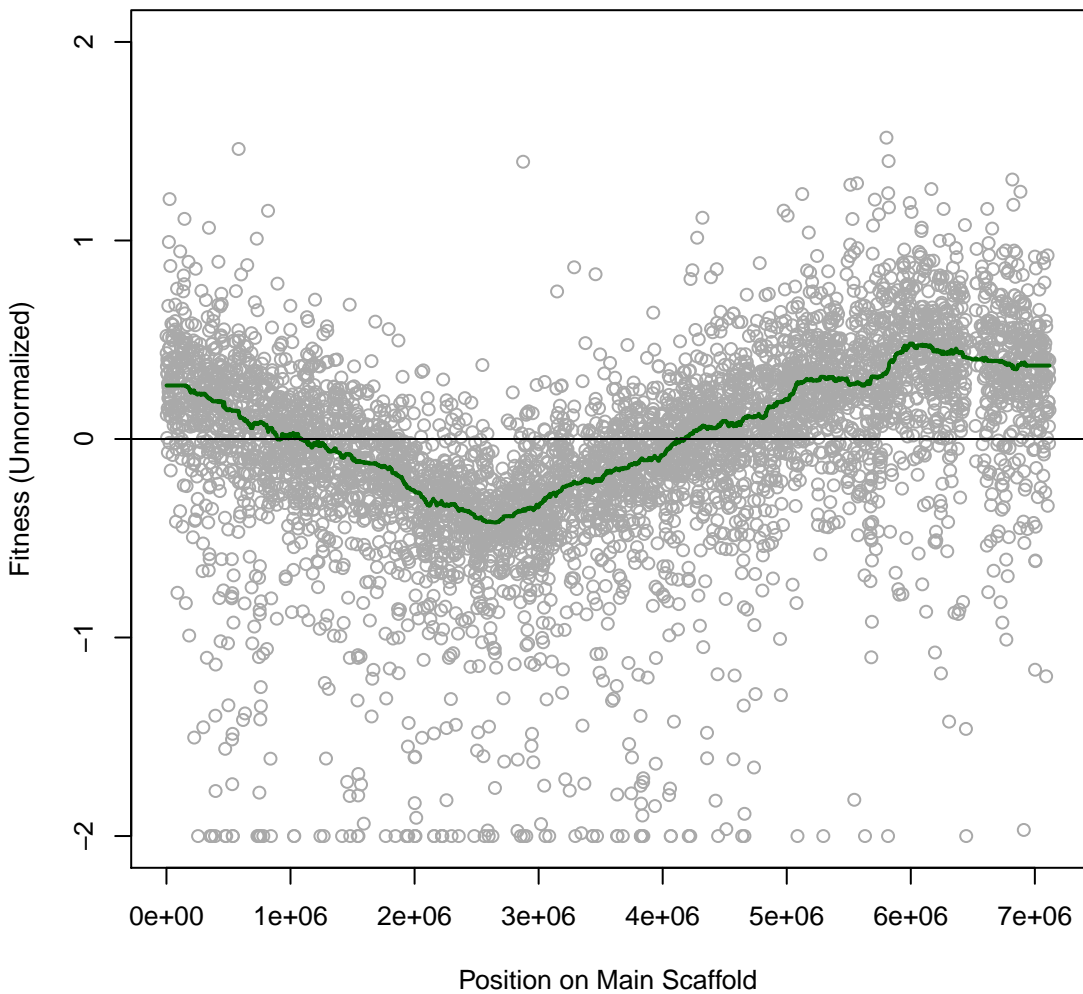
pseudo5\_N2C3\_1 2IT095 #95 (gMed=199 rho12=0.236)  
L-Glutamine (C)



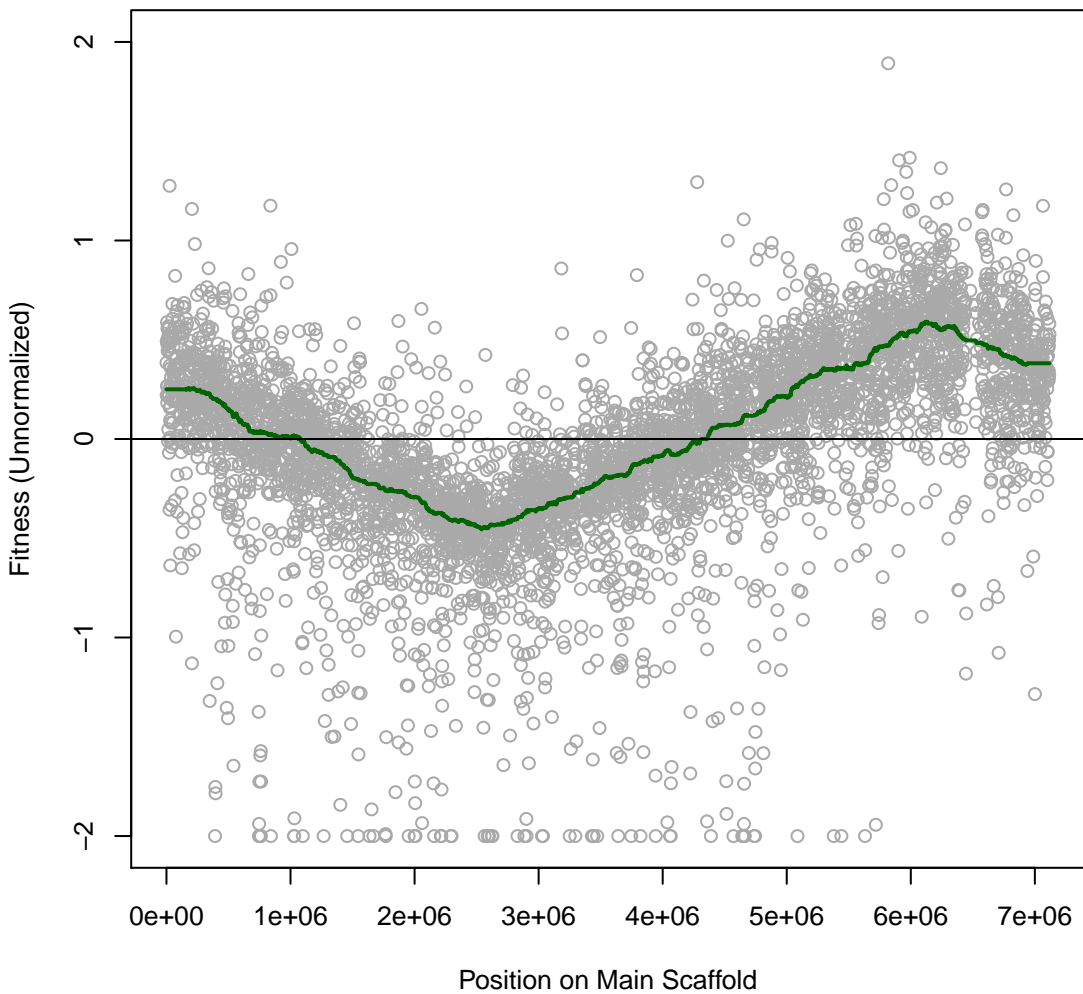
pseudo5\_N2C3\_1 2IT096 #96 (gMed=169 rho12=0.213)  
L-Proline (C)



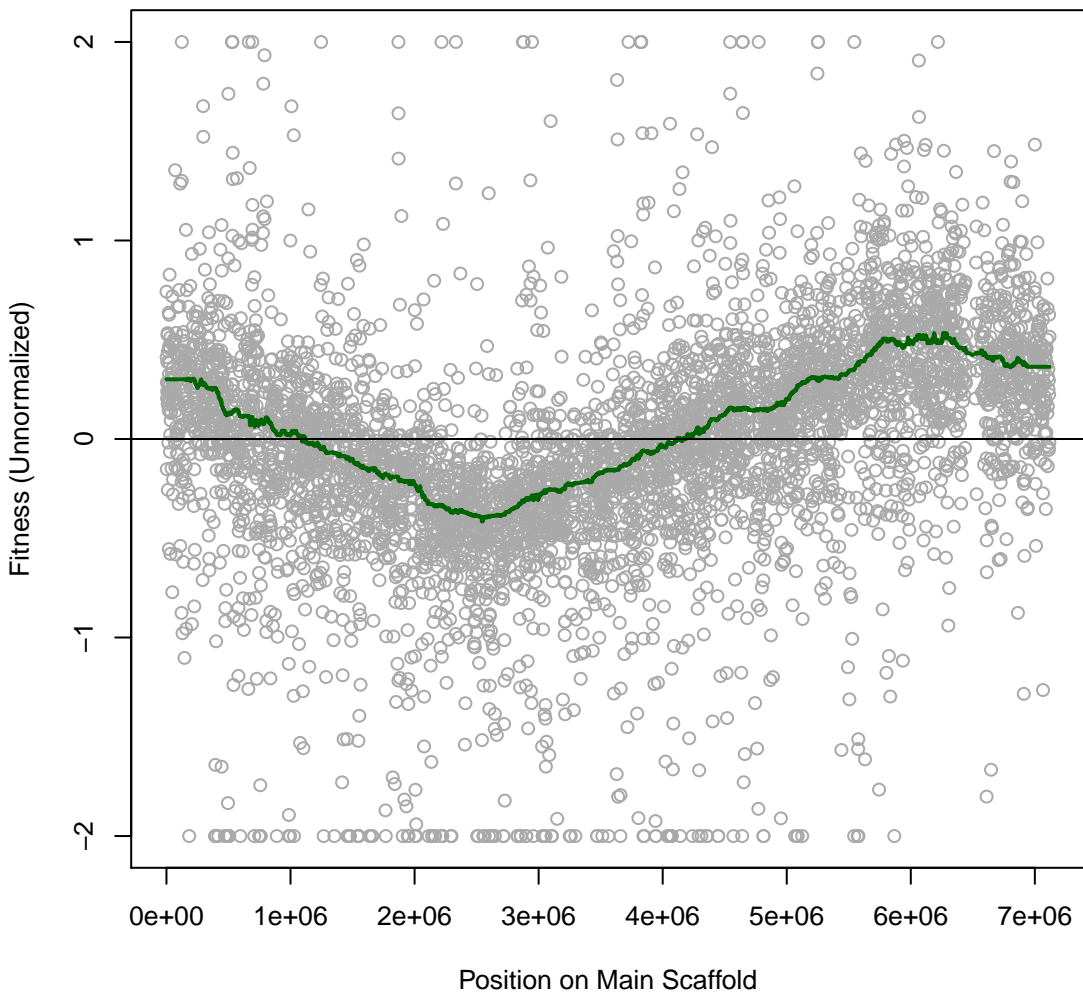
**pseudo5\_N2C3\_1 4IT001 #97 (gMed=64 rho12=0.148)**  
**nitrite 10 mM**



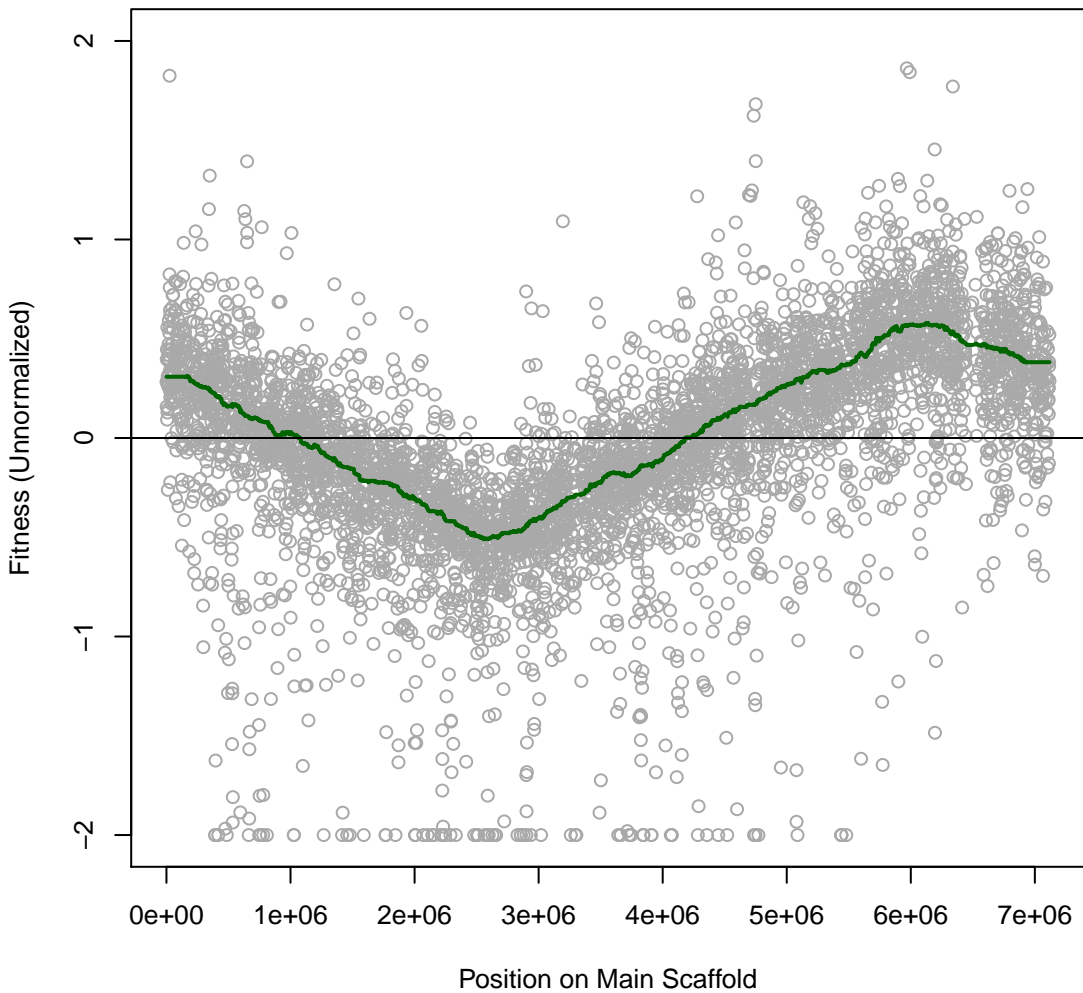
**pseudo5\_N2C3\_1 4IT002 #98 (gMed=74 rho12=0.161)**  
**nitrate 200 mM**



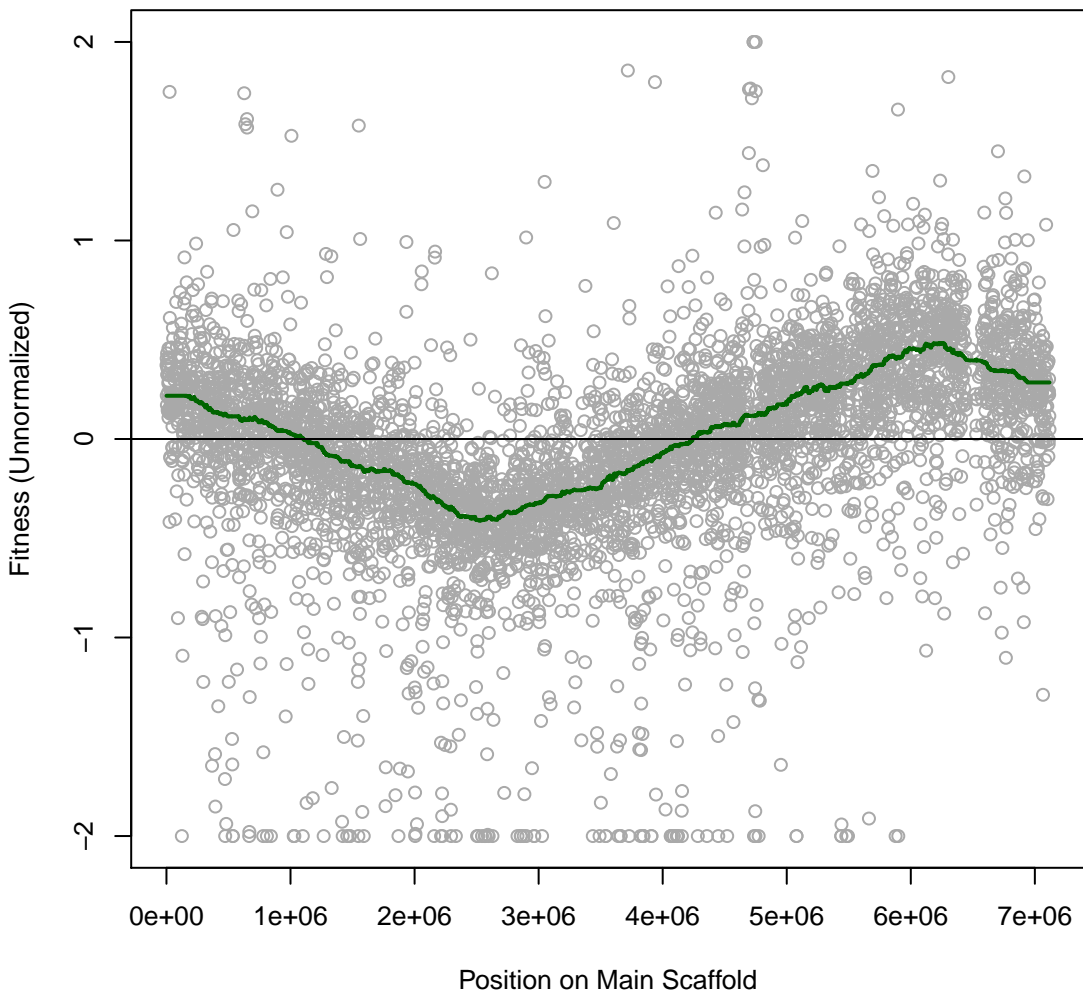
**pseudo5\_N2C3\_1 4IT003 #99 (gMed=73 rho12=0.213)**  
**Sisomicin 0.001 mg/ml**



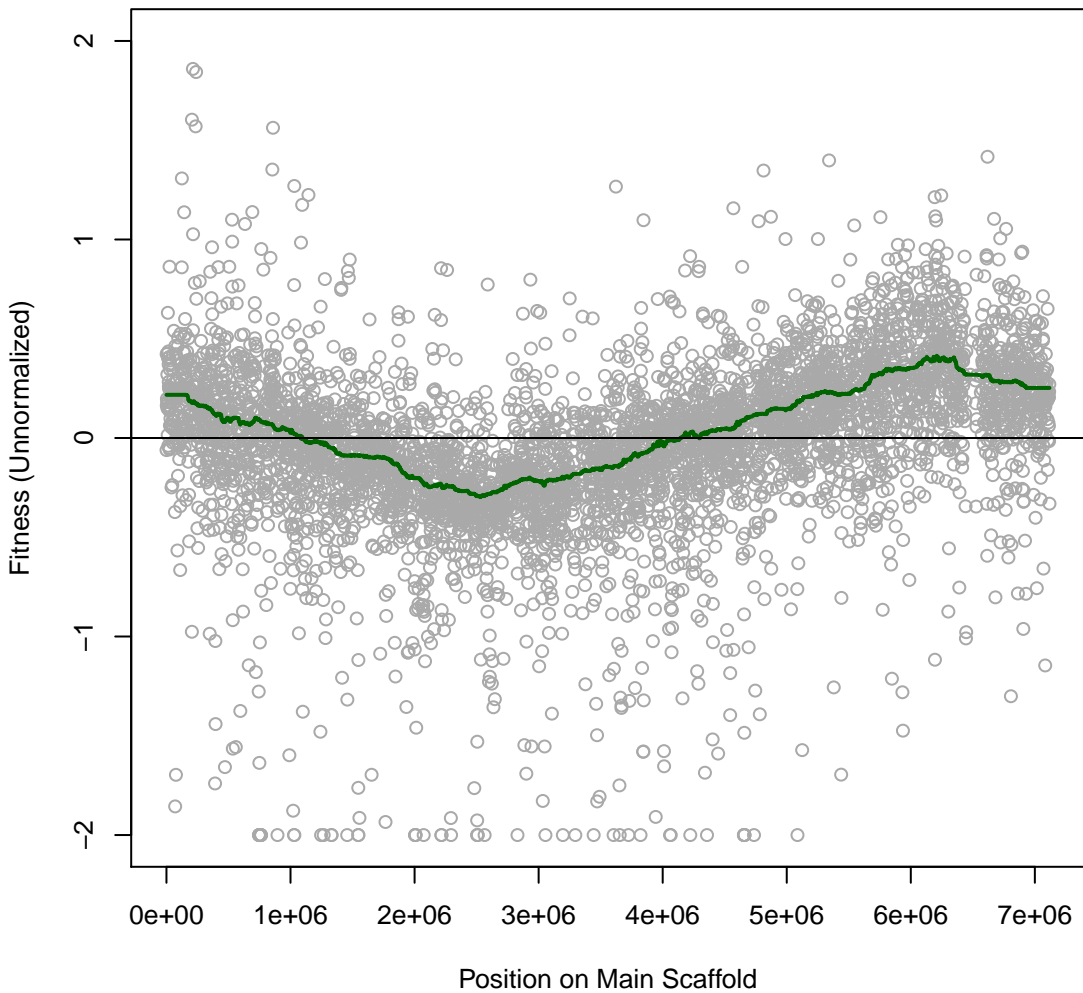
**pseudo5\_N2C3\_1 4IT004 #100 (gMed=74 rho12=0.199)**  
**Chlorite 0.04 mM**



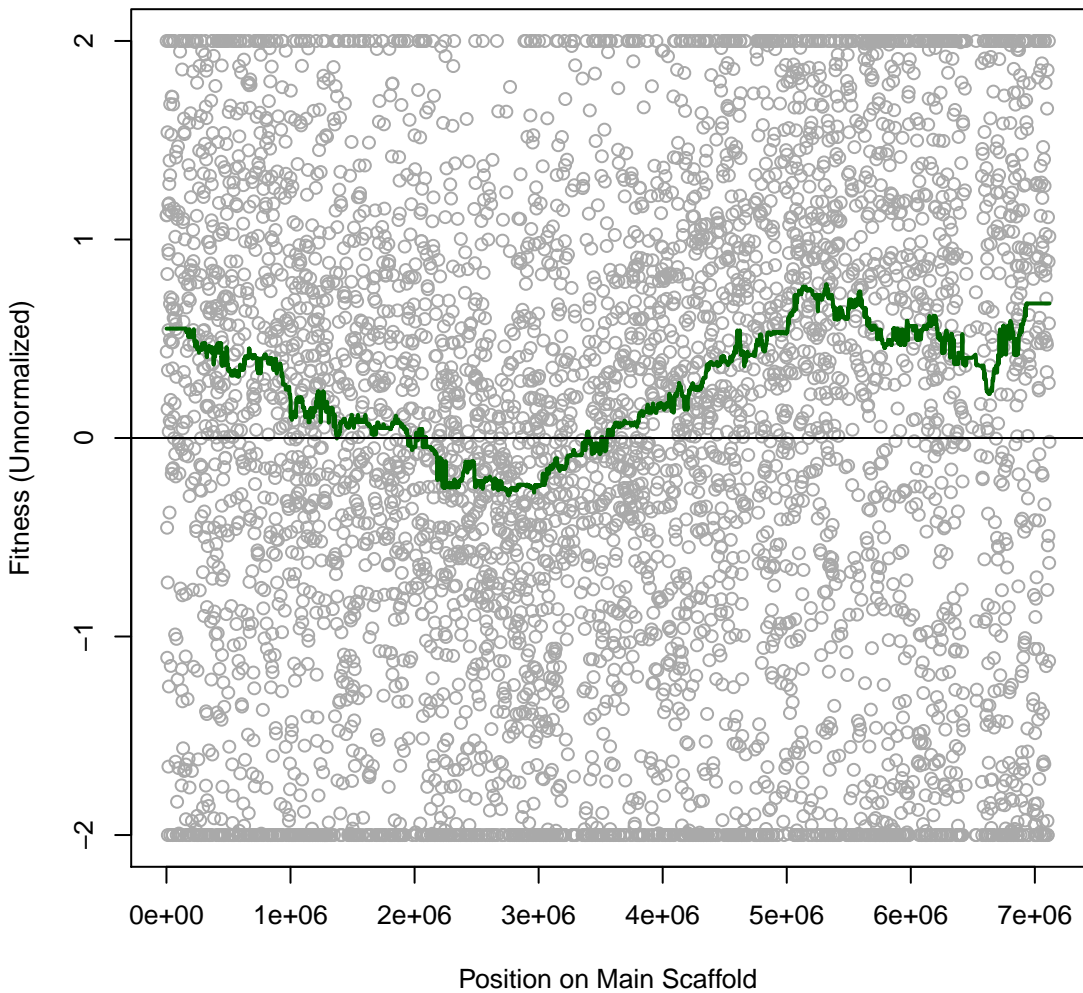
**pseudo5\_N2C3\_1 4IT005 #101 (gMed=80 rho12=0.219)**  
**Chlorite 0.08 mM**



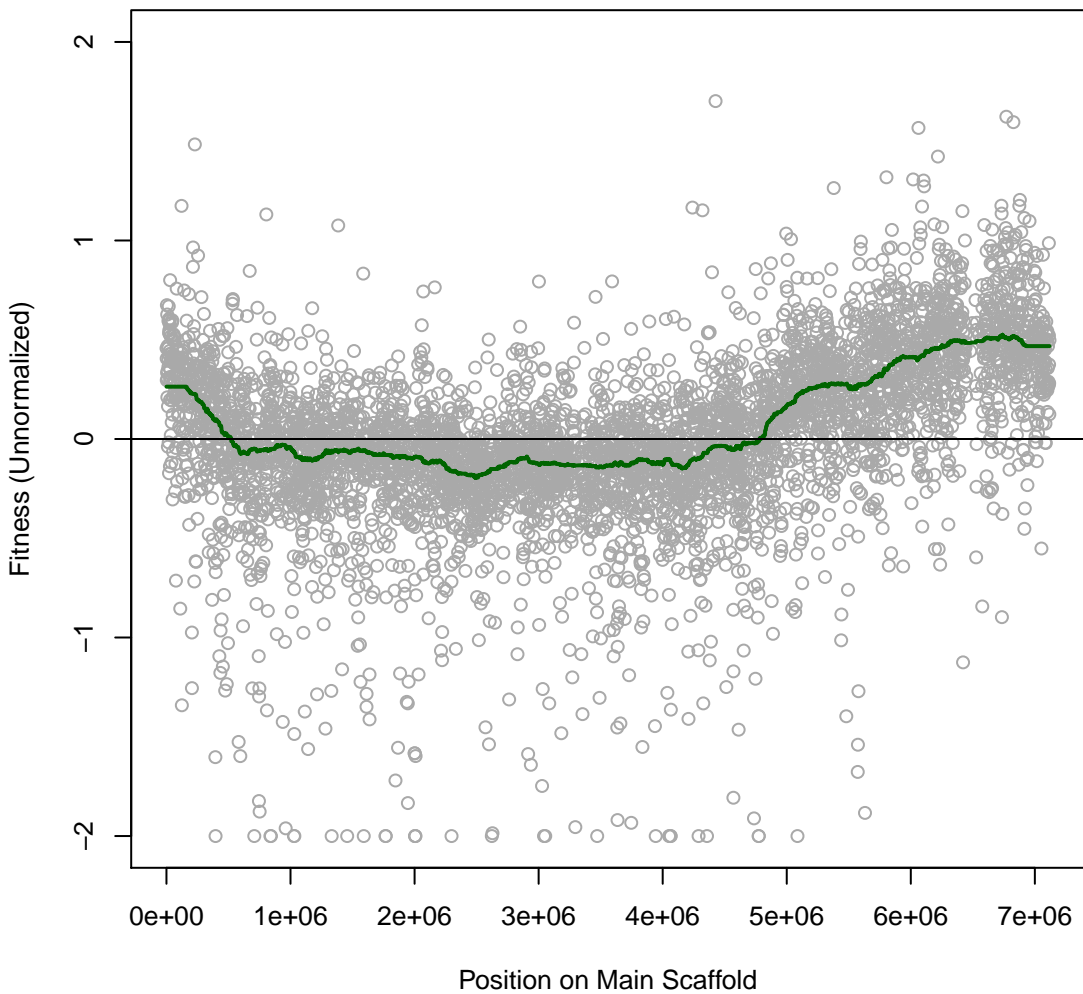
**pseudo5\_N2C3\_1 4IT006 #102 (gMed=85 rho12=0.202)  
perchlorate 75 mM**



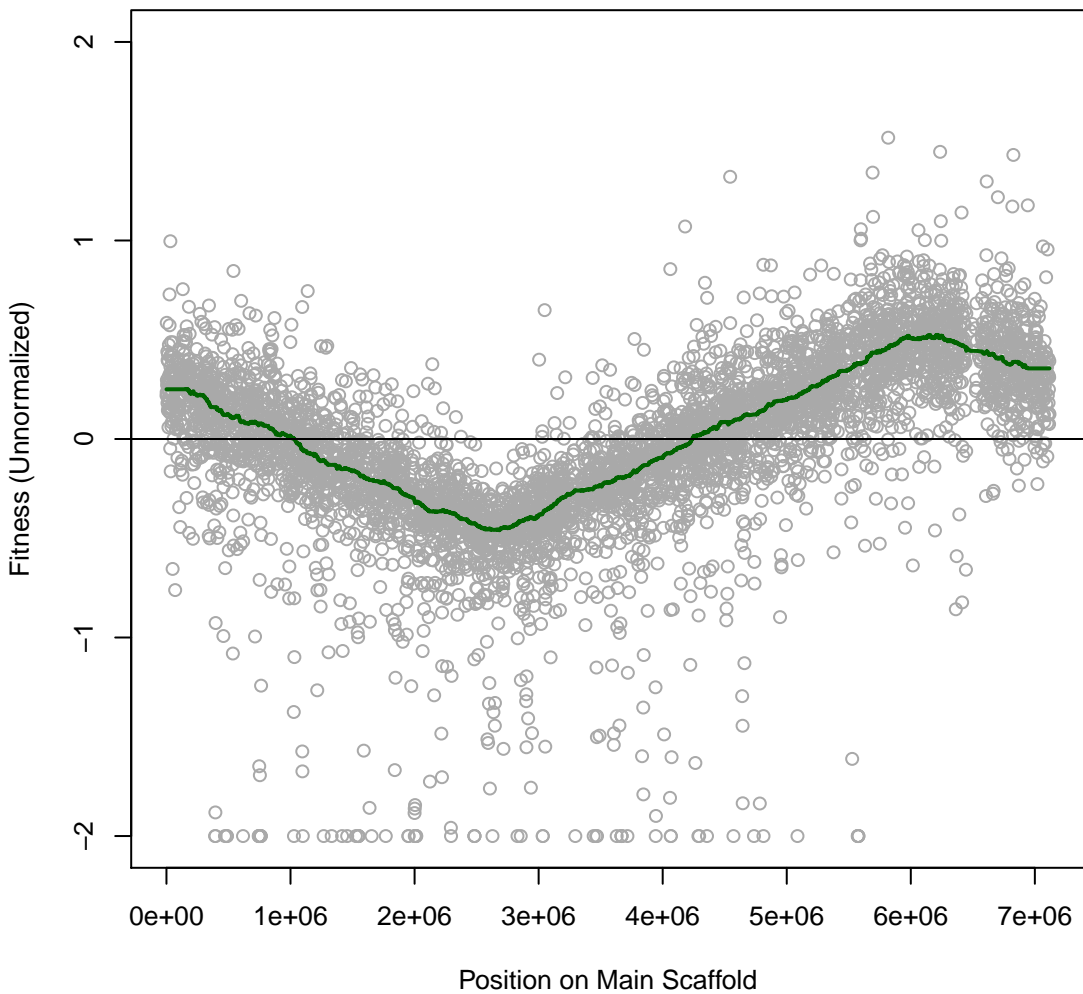
**pseudo5\_N2C3\_1 4IT007 #103 (gMed=48 rho12=0.026)**  
**Polymyxin B sulfate 0.0005 mg/ml**



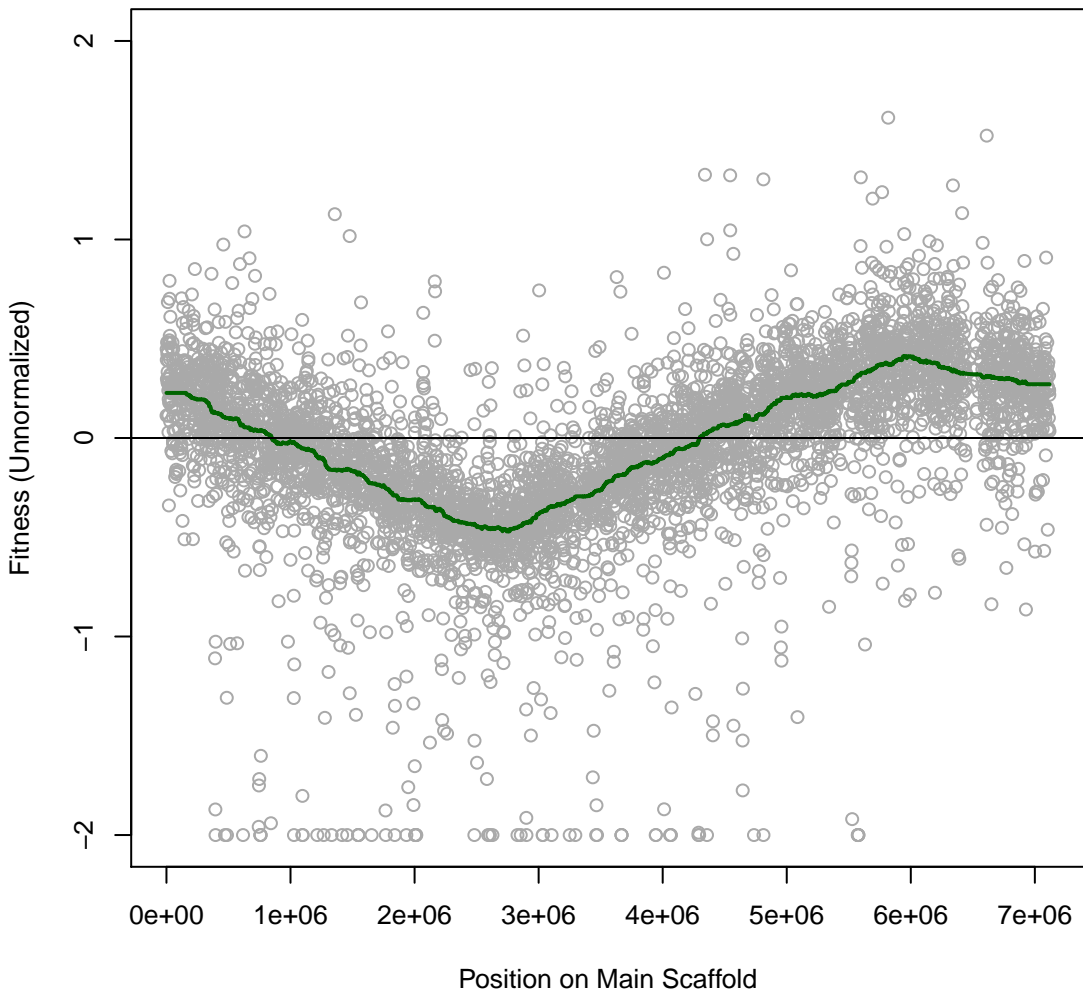
**pseudo5\_N2C3\_1 4IT008 #104 (gMed=82 rho12=0.096)**  
**Chloride 750 mM**



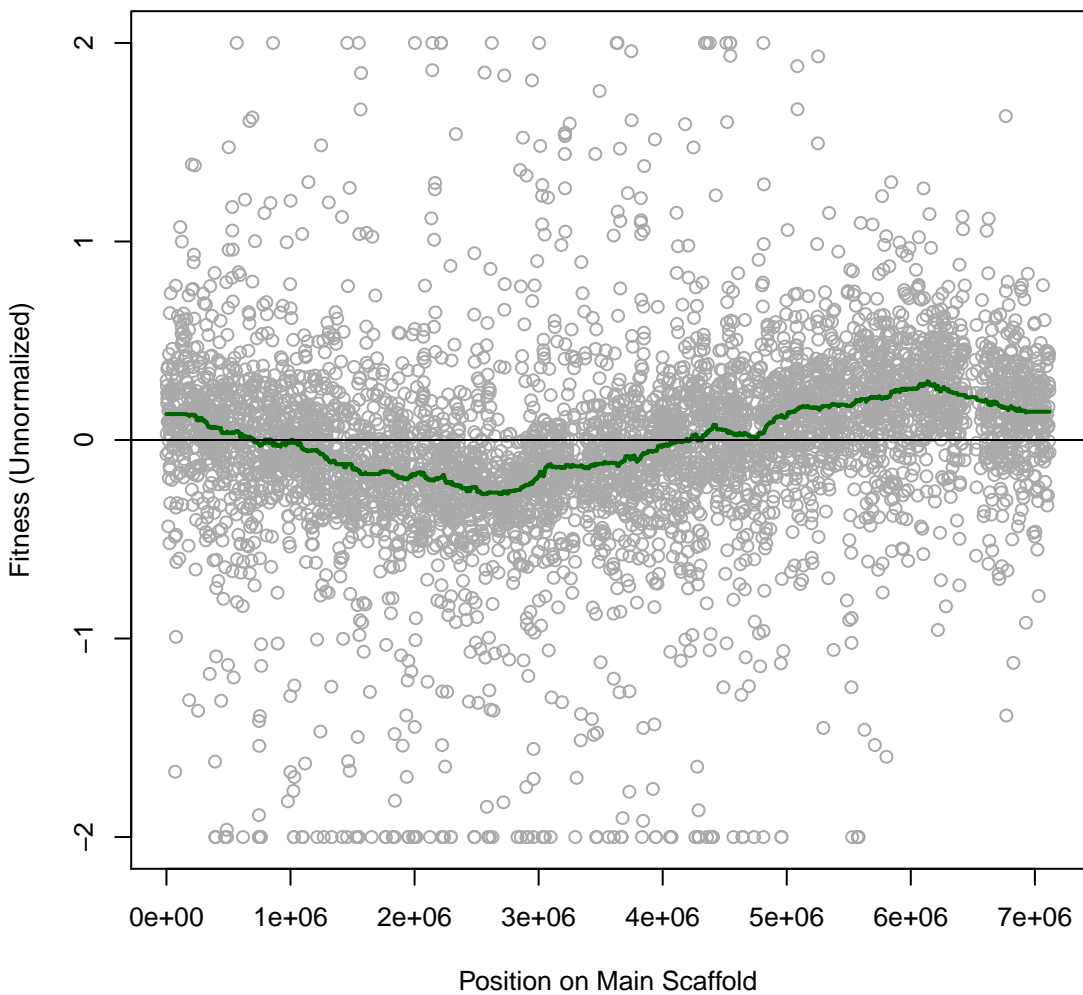
**pseudo5\_N2C3\_1 4IT010 #106 (gMed=182 rho12=0.160)**  
**Benzethonium chloride 0.025 mM**



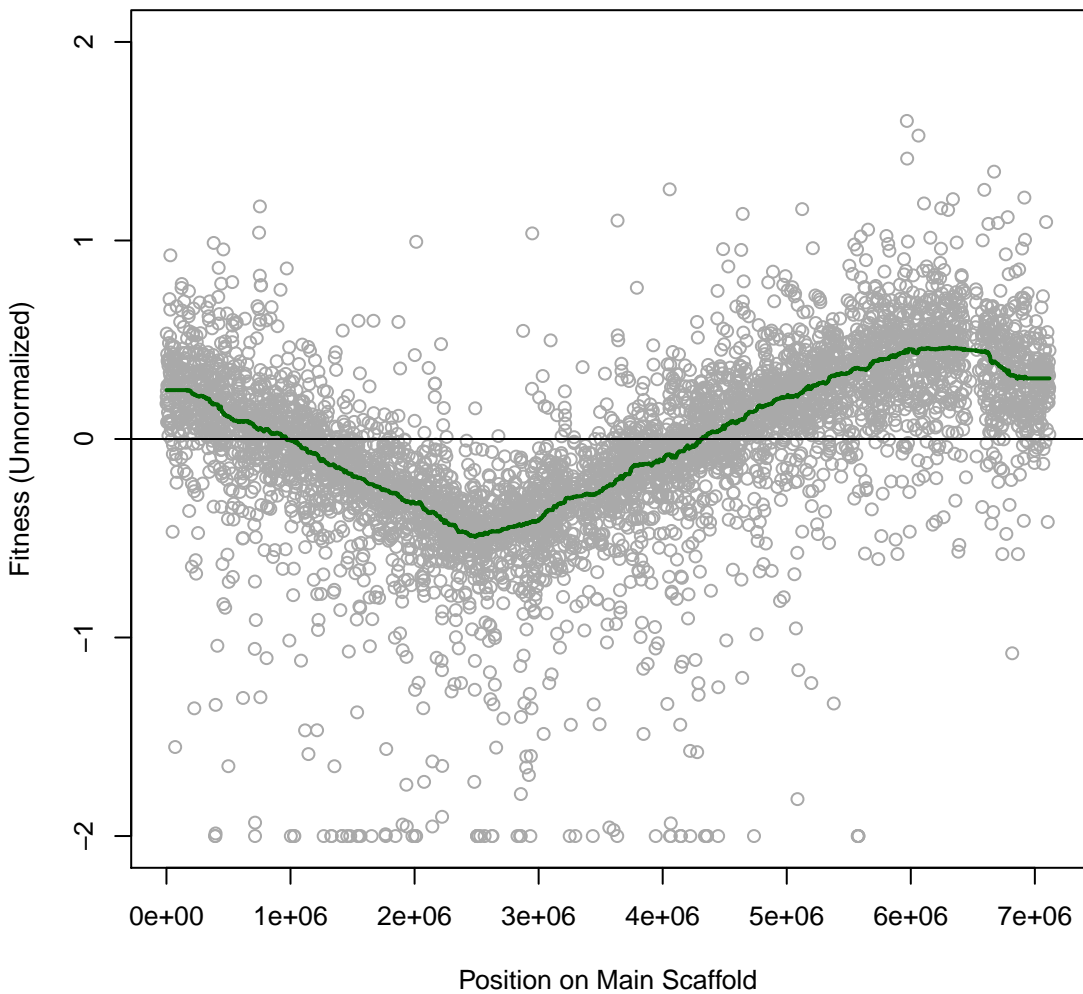
**pseudo5\_N2C3\_1 4IT011 #107 (gMed=182 rho12=0.187)**  
**Benzalkonium Chloride 0.008 mg/ml**



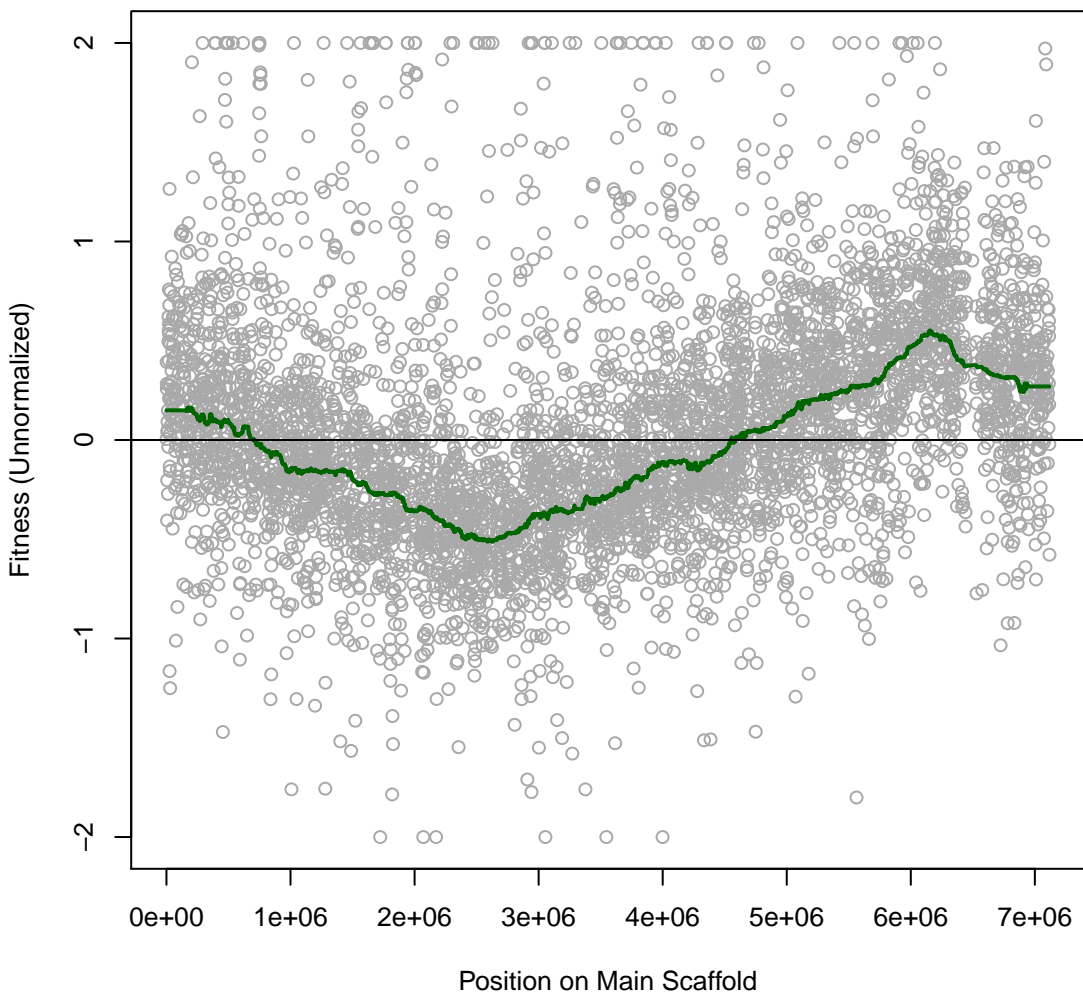
**pseudo5\_N2C3\_1 4IT012 #108 (gMed=202 rho12=0.302)**  
**Benzalkonium Chloride 0.016 mg/ml**



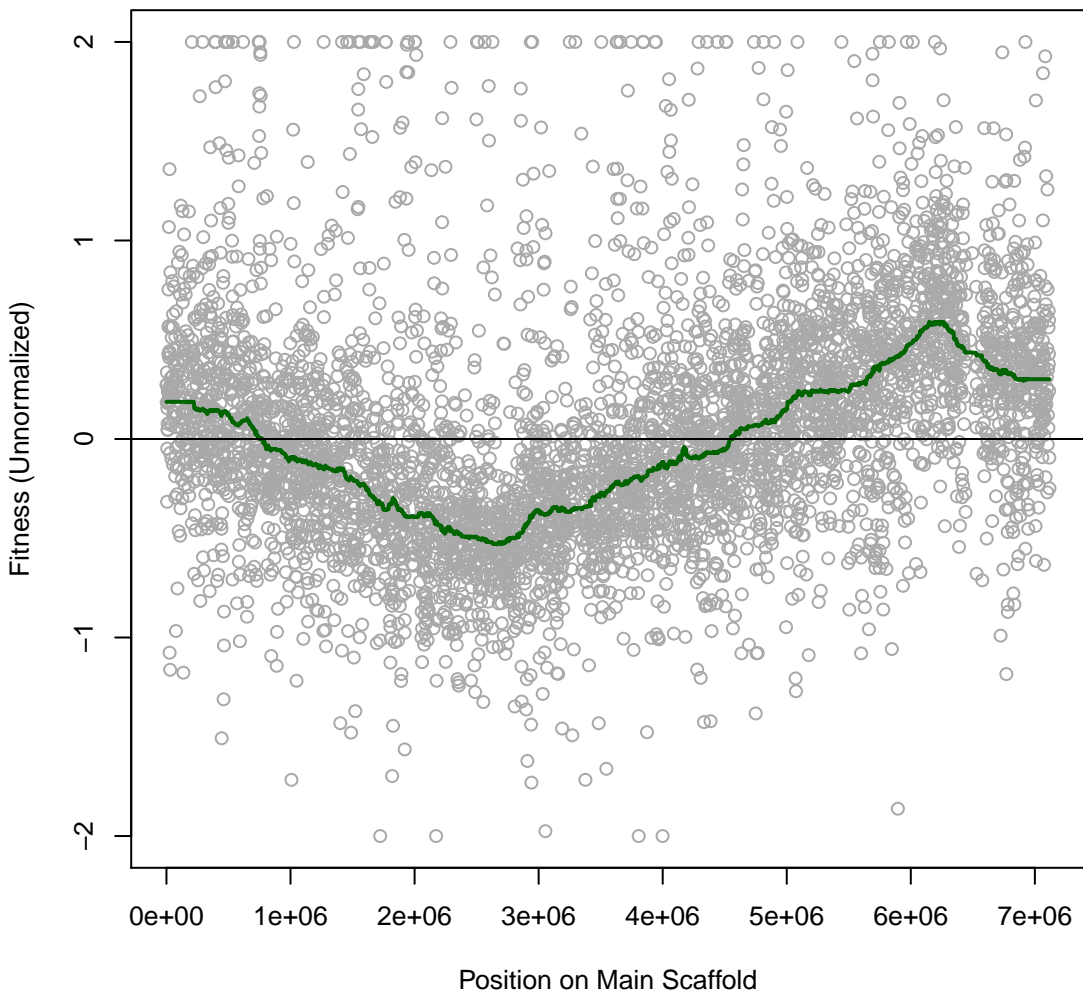
**pseudo5\_N2C3\_1 4IT013 #109 (gMed=205 rho12=0.187)**  
**Aluminum chloride 5 mM**



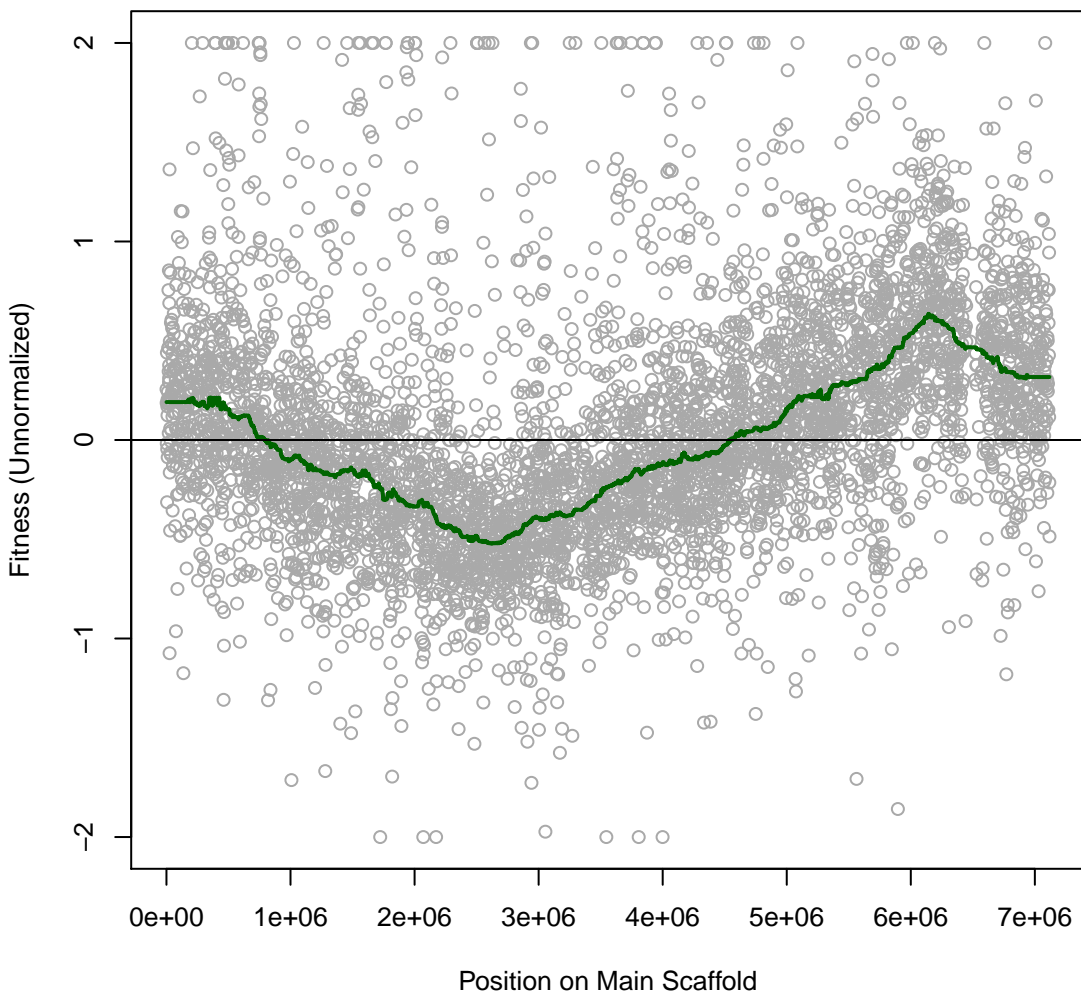
**pseudo5\_N2C3\_1 4IT014 #110 (gMed=2 rho12=0.131)**  
**Phosphomycin 0.0001 mg/ml**



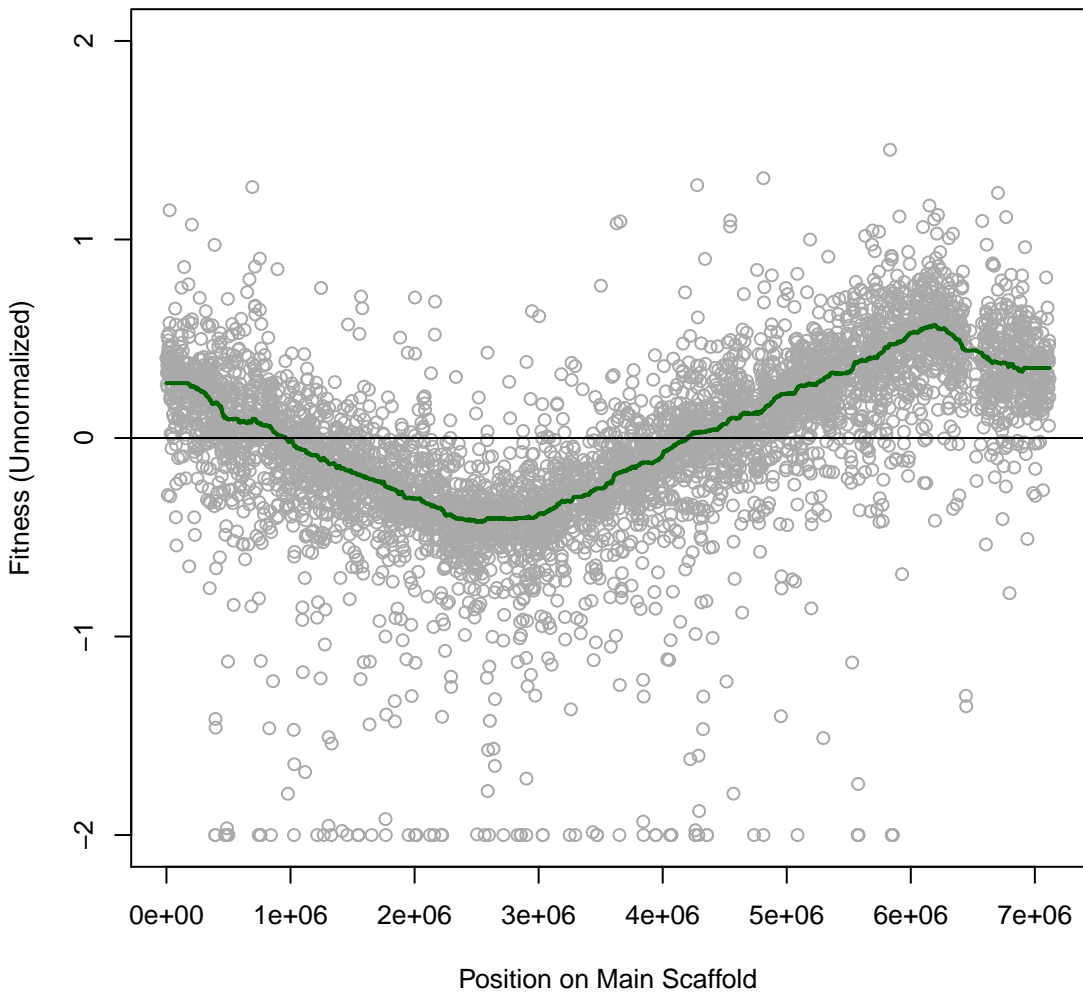
**pseudo5\_N2C3\_1 4IT015 #111 (gMed=1 rho12=0.152)**  
**Phosphomycin 0.0005 mg/ml**



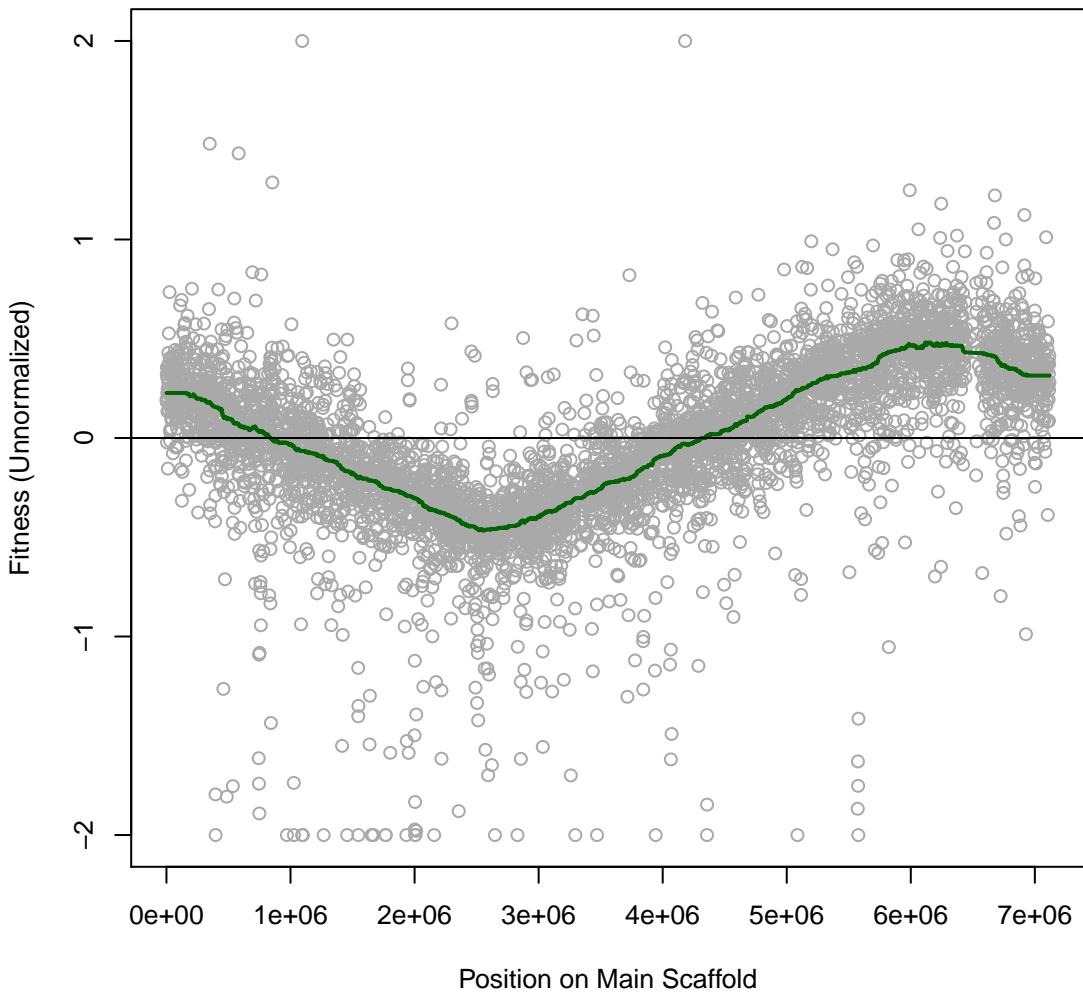
**pseudo5\_N2C3\_1 4IT016 #112 (gMed=1 rho12=0.161)**  
**Phosphomycin 0.001 mg/ml**



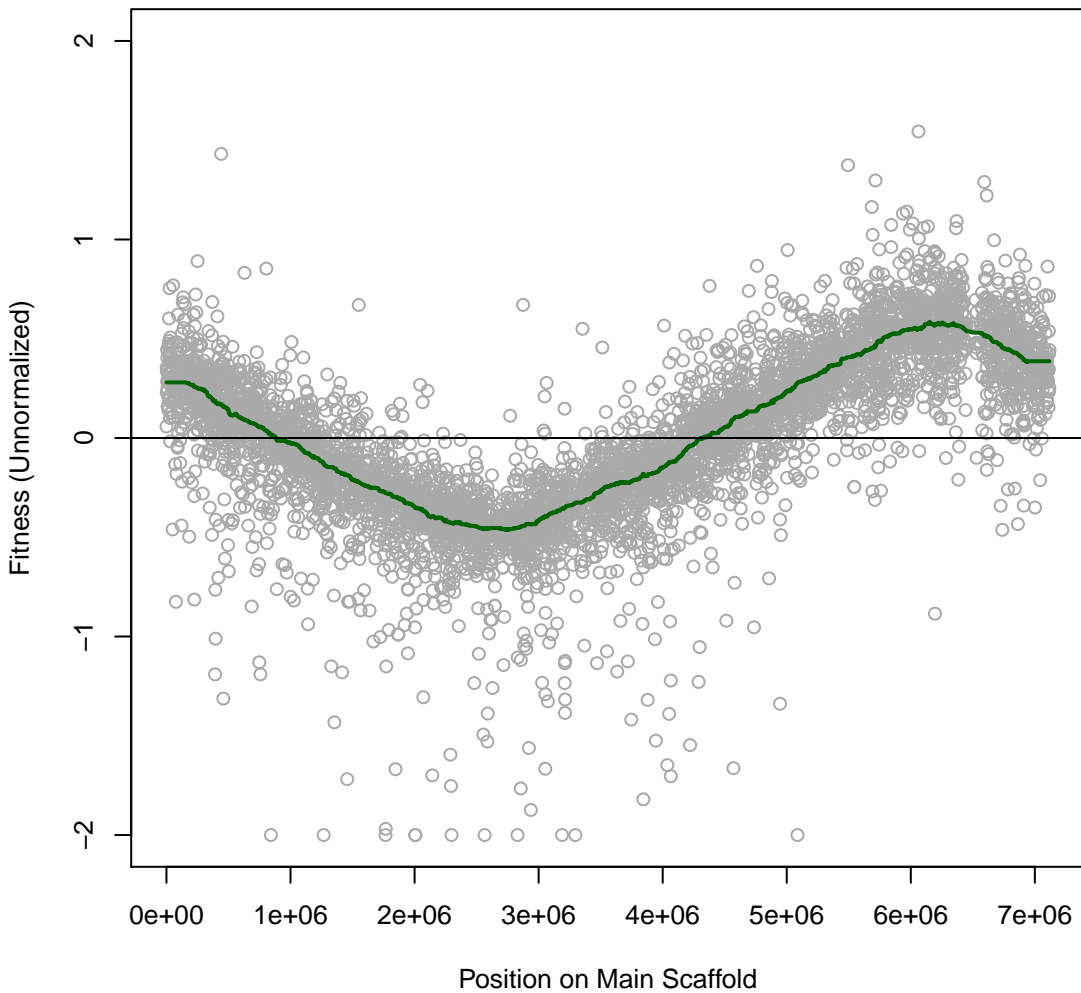
**pseudo5\_N2C3\_1 4IT017 #113 (gMed=193 rho12=0.189)**  
**Bacitracin 2 mg/ml**



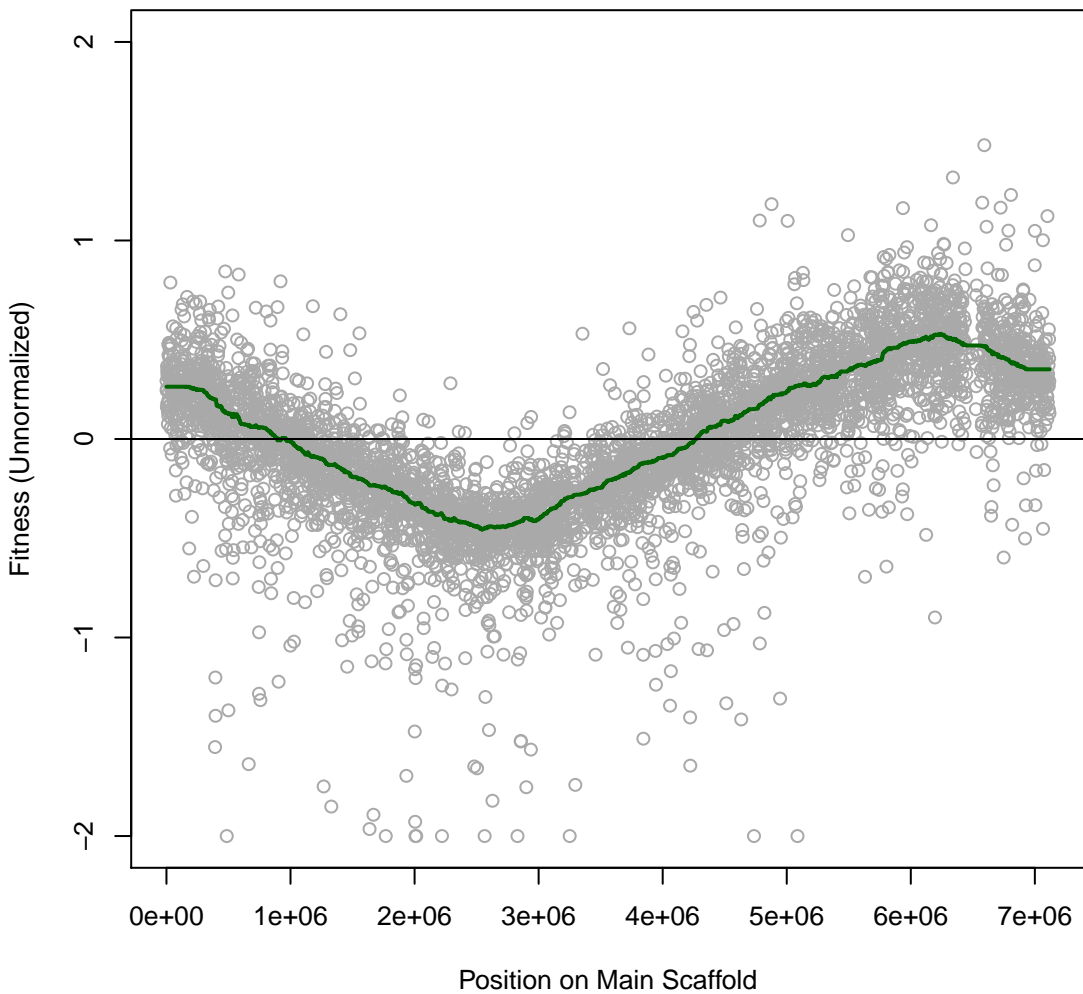
**pseudo5\_N2C3\_1 4IT018 #114 (gMed=192 rho12=0.139)**  
**Fusidic 0.1 mg/ml**



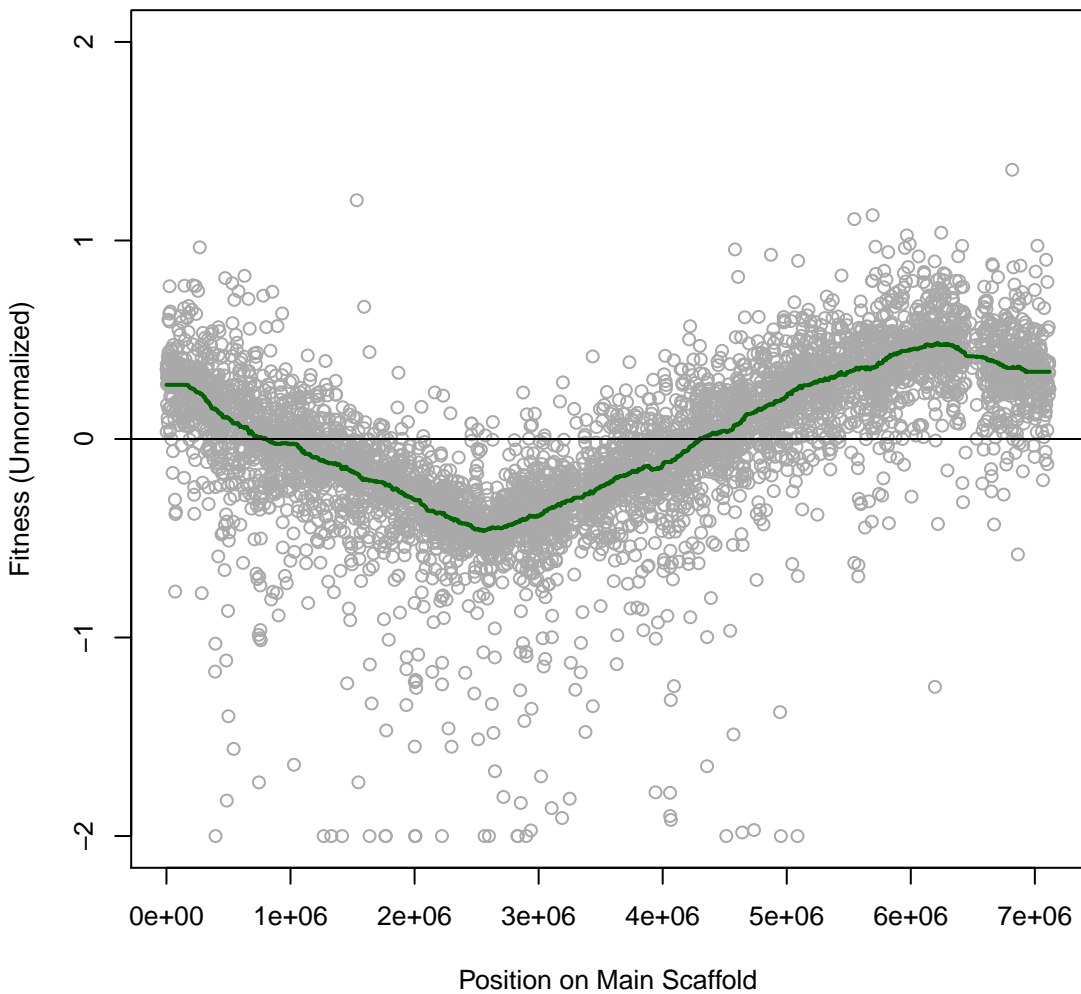
**pseudo5\_N2C3\_1 4IT019 #115 (gMed=203 rho12=0.059)**  
**Dimethyl Sulfoxide 7.5 vol%**



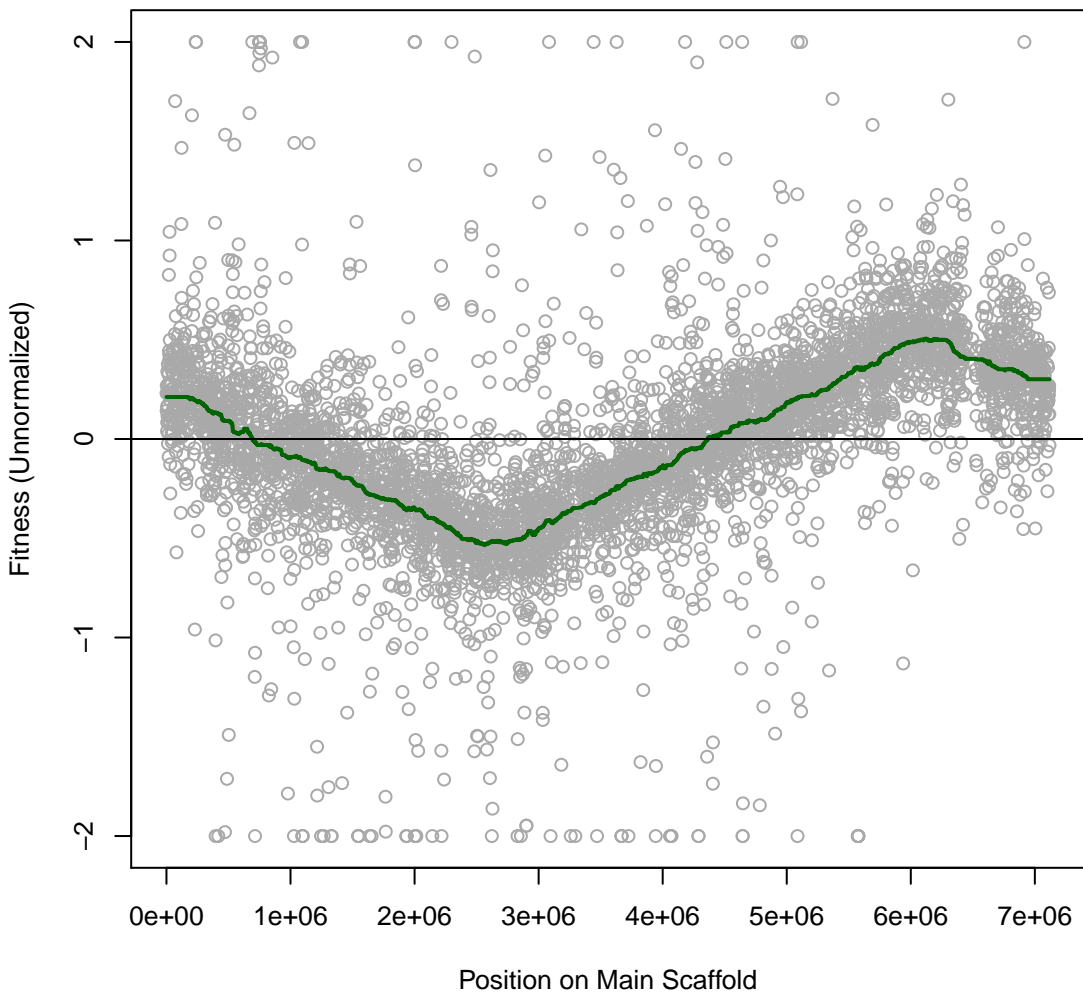
**pseudo5\_N2C3\_1 4IT020 #116 (gMed=197 rho12=0.093)**  
**LB**



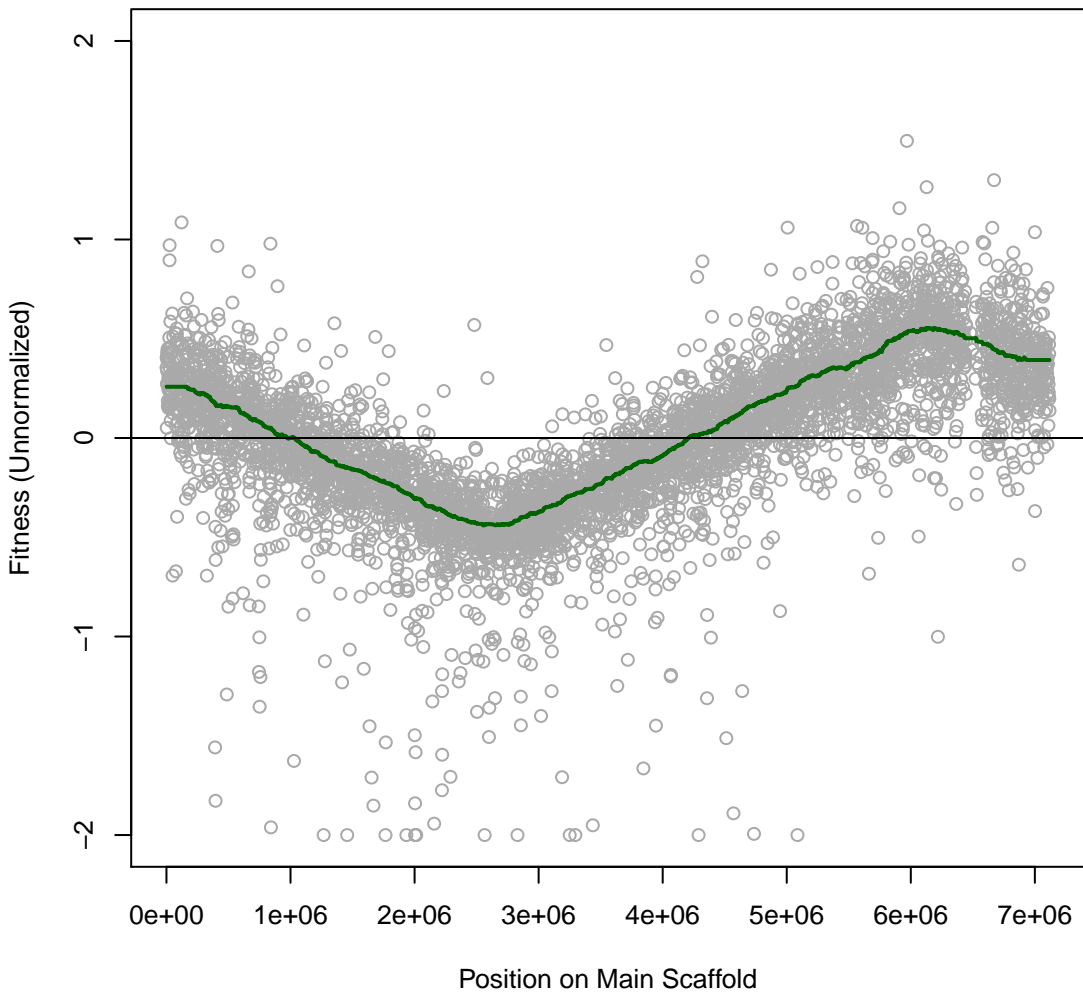
**pseudo5\_N2C3\_1 4IT021 #117 (gMed=207 rho12=0.151)**  
**D-Cycloserine 0.1 mg/ml**



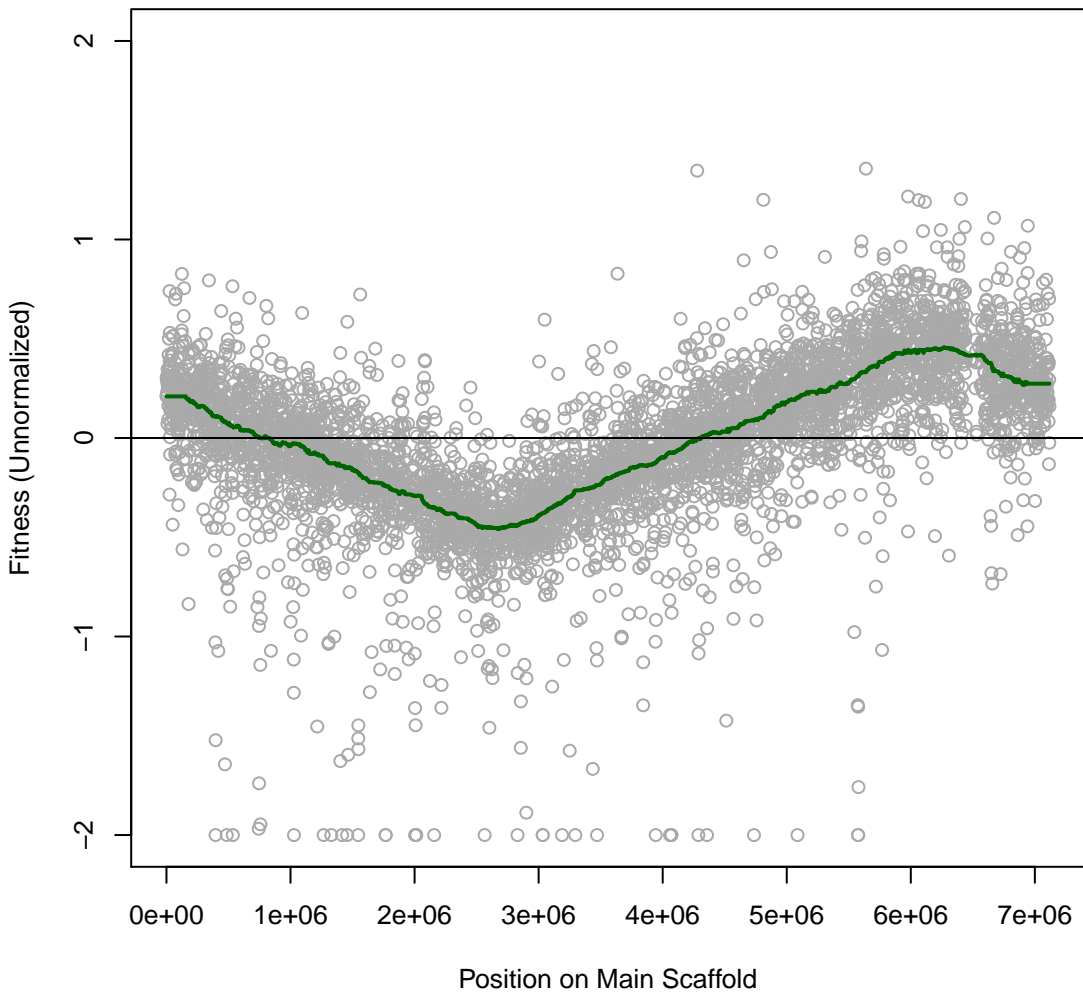
**pseudo5\_N2C3\_1 4IT022 #118 (gMed=184 rho12=0.272)**  
**Doxycycline hyclate 0.0001 mg/ml**



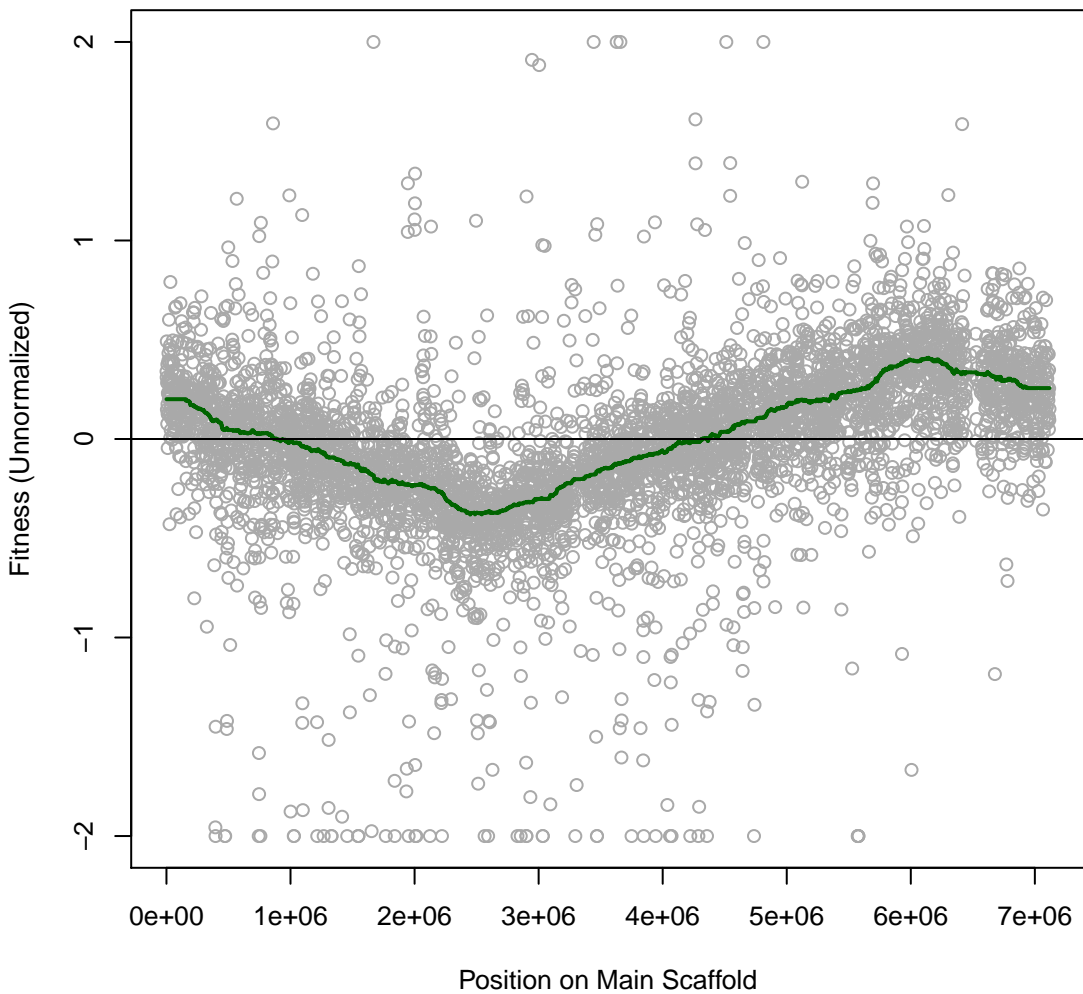
**pseudo5\_N2C3\_1 4IT023 #119 (gMed=179 rho12=0.106)**  
**LB**



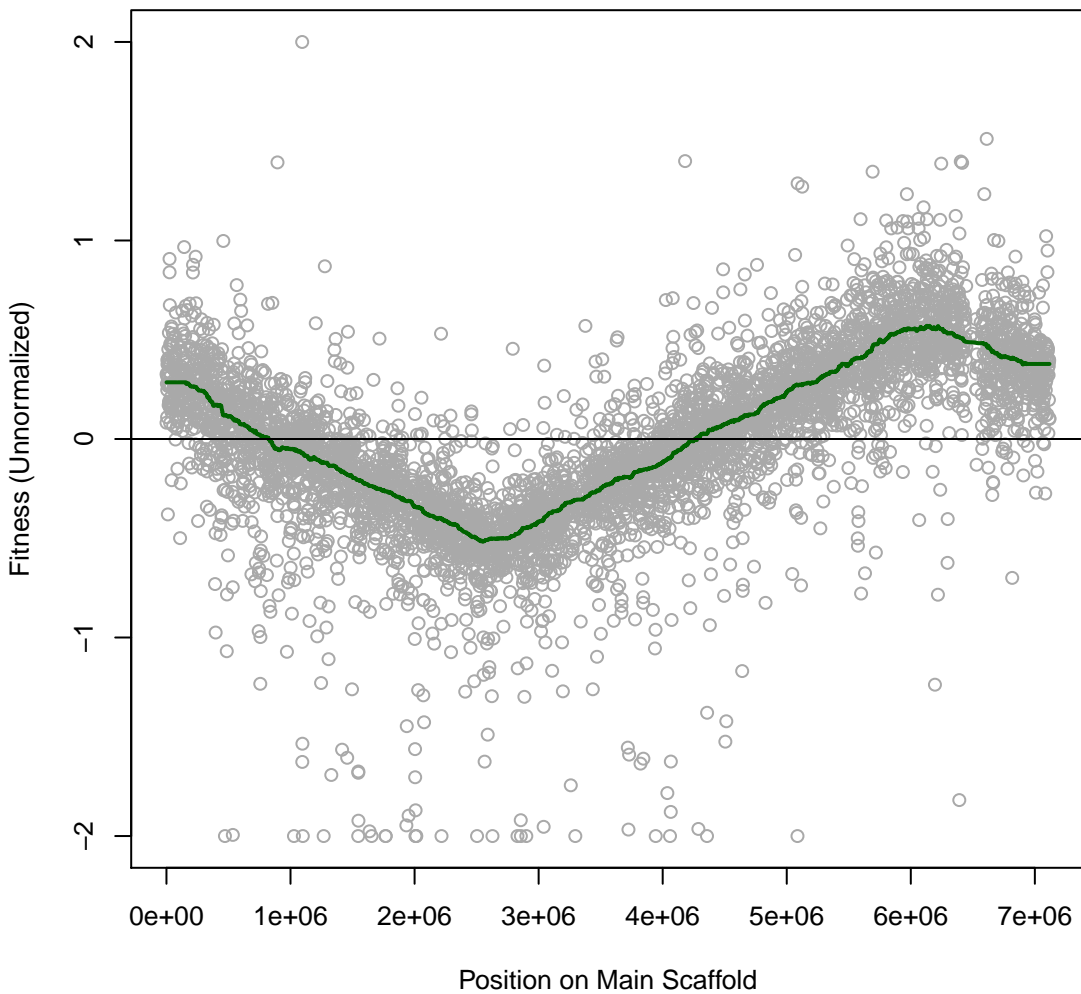
**pseudo5\_N2C3\_1 4IT024 #120 (gMed=195 rho12=0.162)**  
**Rifampicin 0.0016 mg/ml**



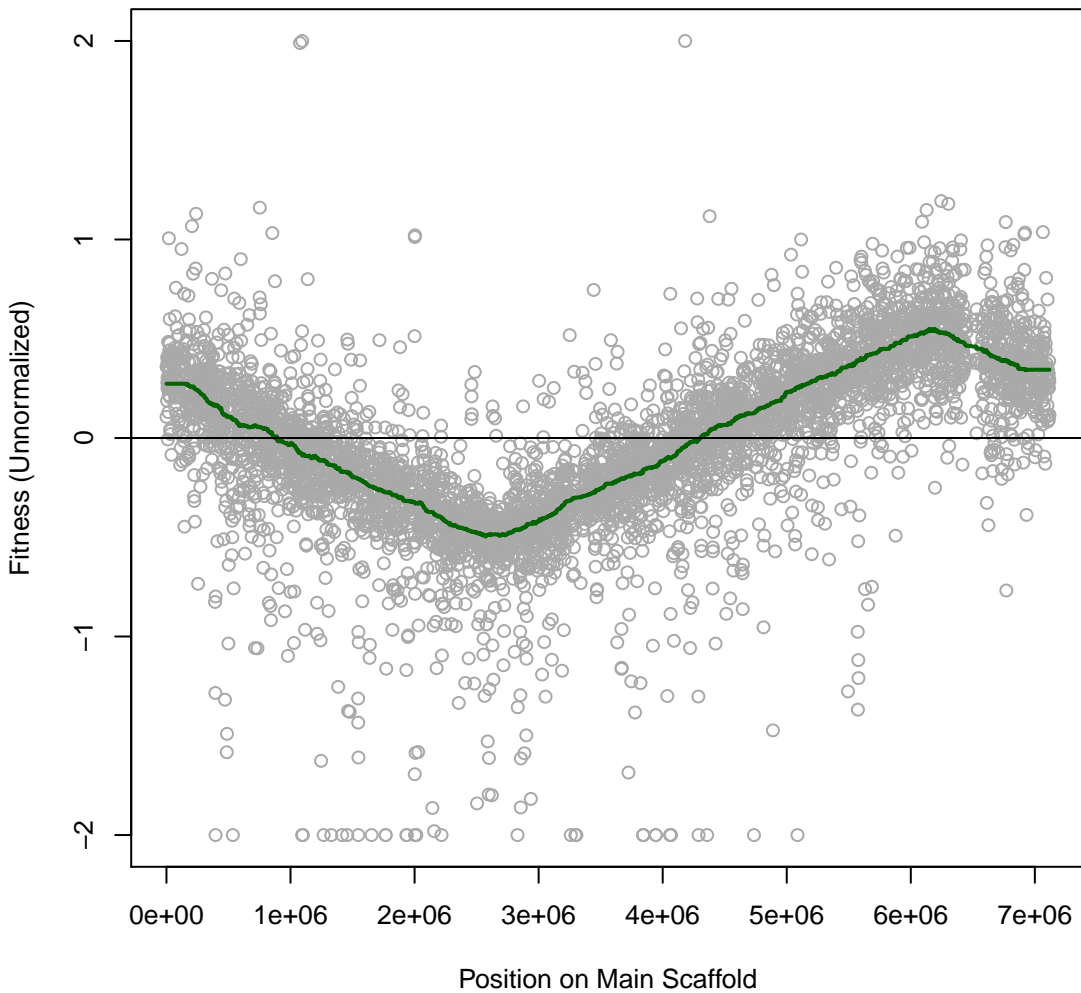
**pseudo5\_N2C3\_1 4IT025 #121 (gMed=197 rho12=0.254)**  
**Rifampicin 0.0024 mg/ml**



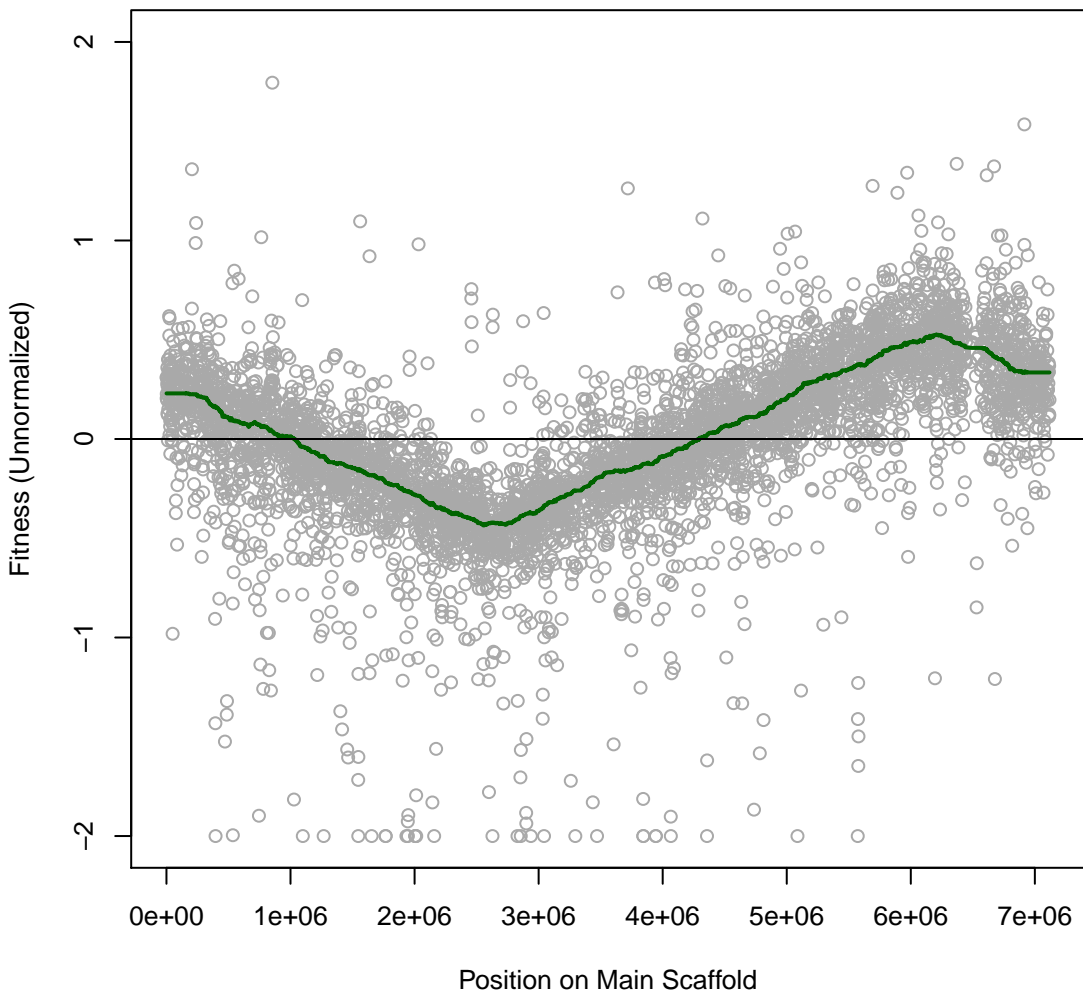
**pseudo5\_N2C3\_1 4IT026 #122 (gMed=200 rho12=0.150)**  
**Chloramphenicol 0.005 mg/ml**



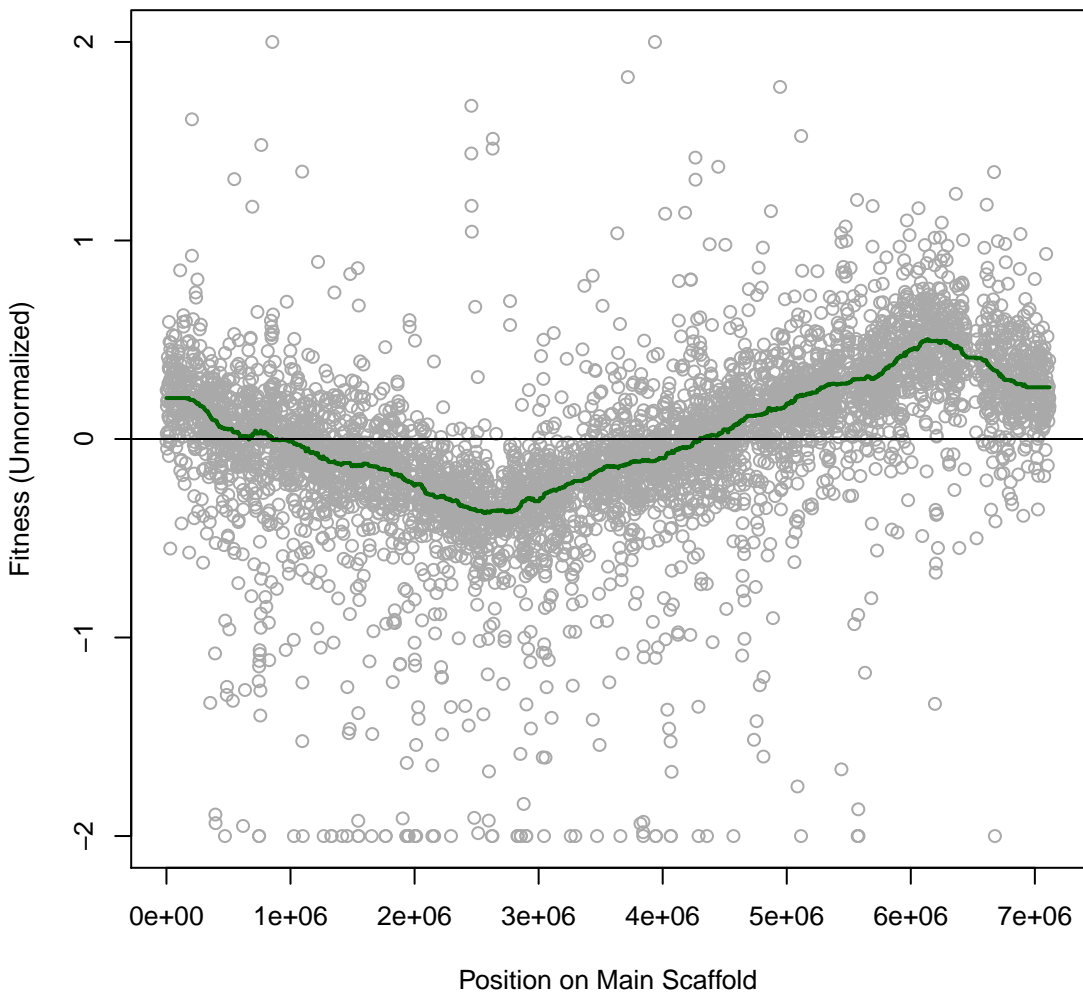
**pseudo5\_N2C3\_1 4IT027 #123 (gMed=202 rho12=0.157)**  
**Tetracycline 0.0001 mg/ml**



**pseudo5\_N2C3\_1 4IT028 #124 (gMed=201 rho12=0.196)**  
**Spectinomycin 0.0125 mg/ml**

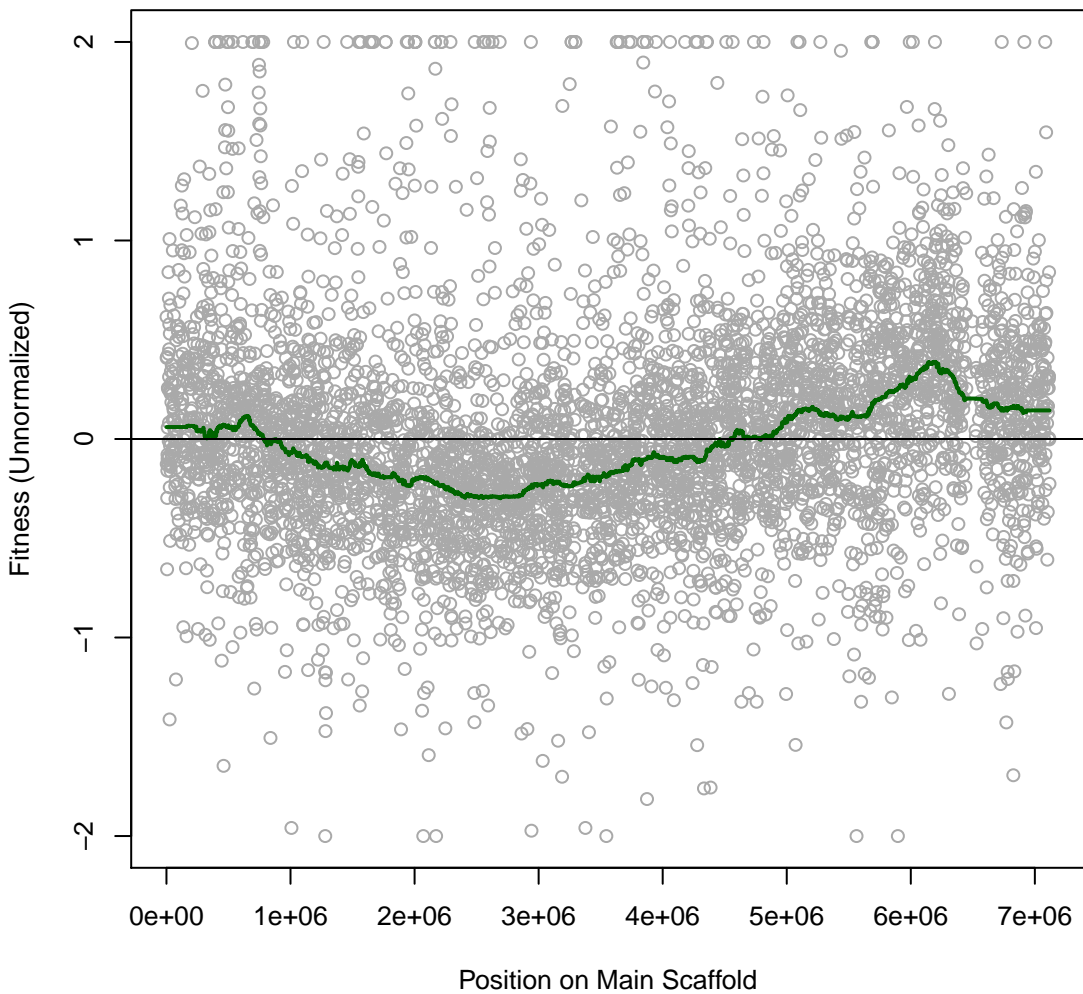


**pseudo5\_N2C3\_1 4IT029 #125 (gMed=188 rho12=0.247)**  
**Spectinomycin 0.025 mg/ml**

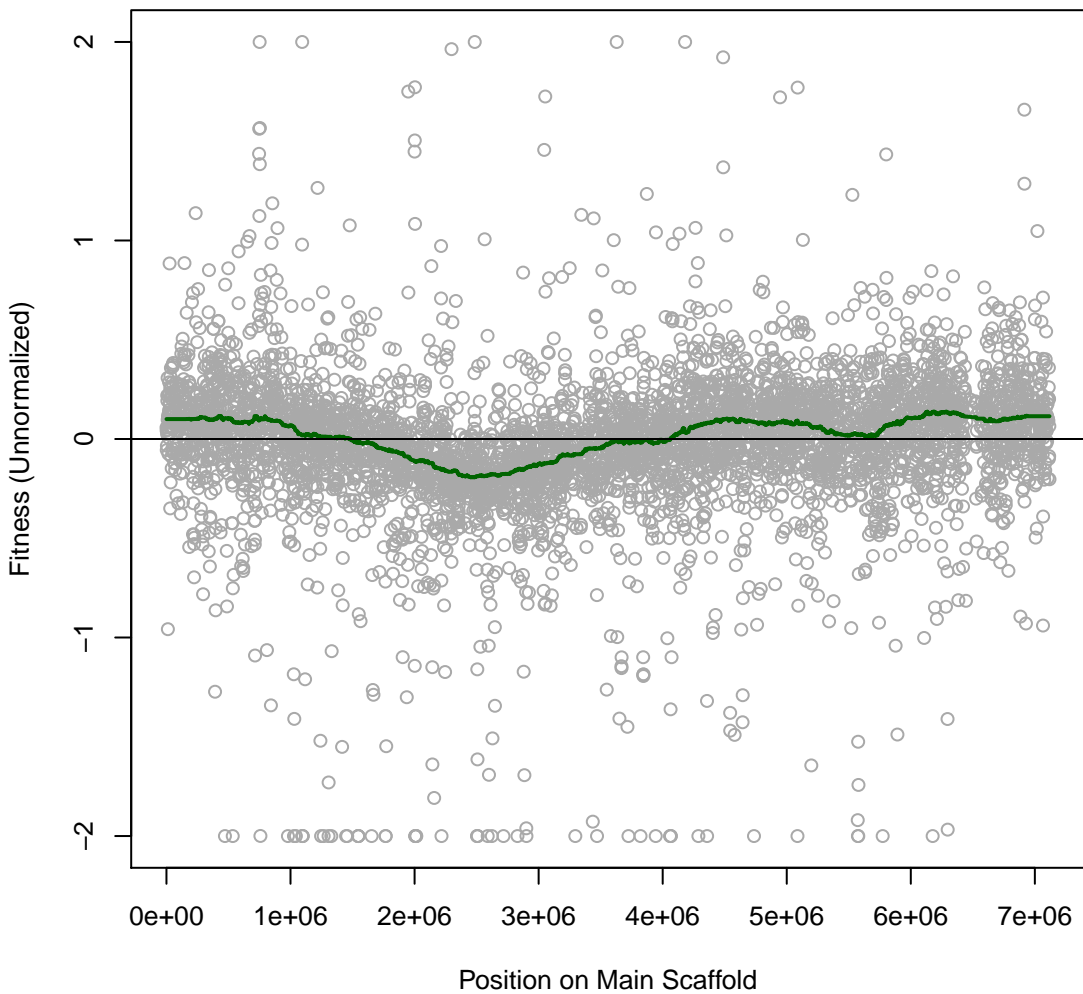


pseudo5\_N2C3\_1 4IT030 #126 (gMed=3 rho12=0.149)

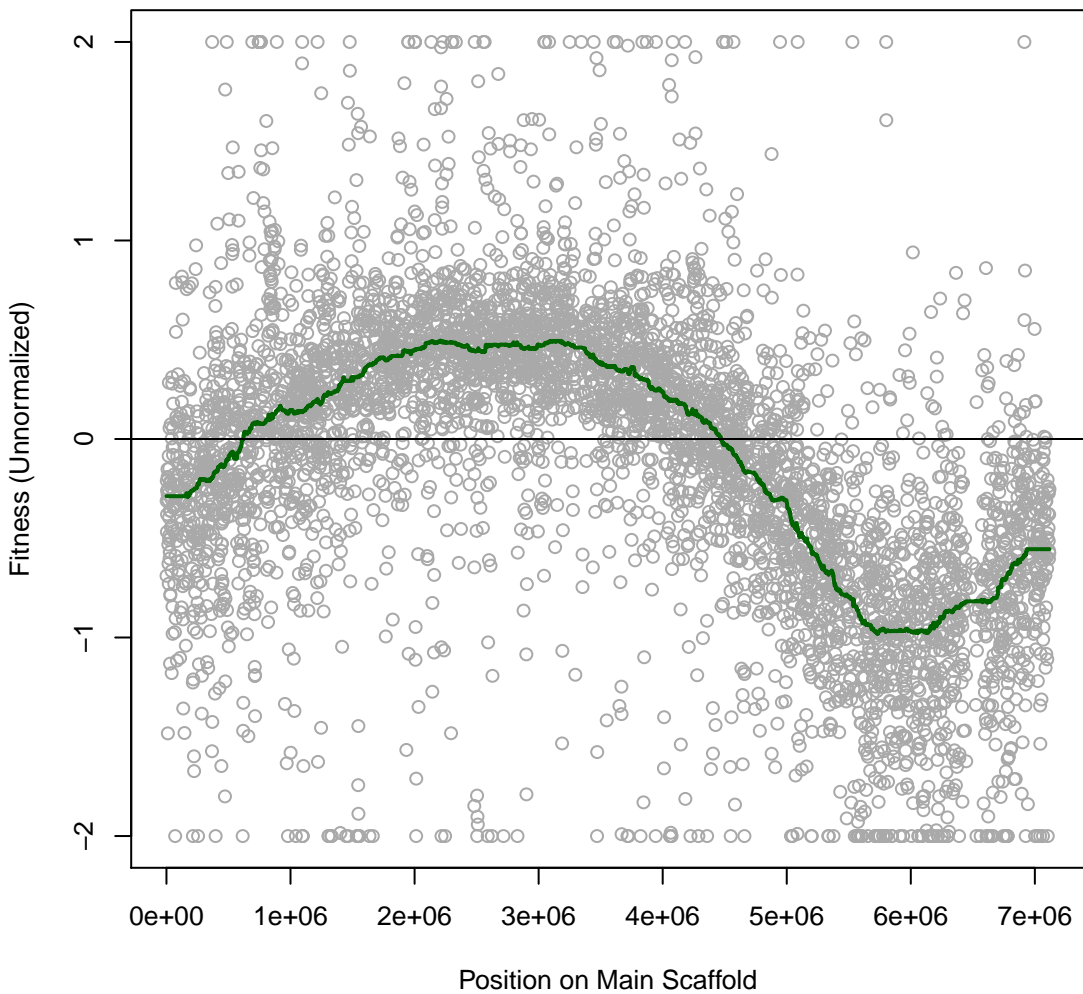
Carbenicillin 0.5 mg/ml



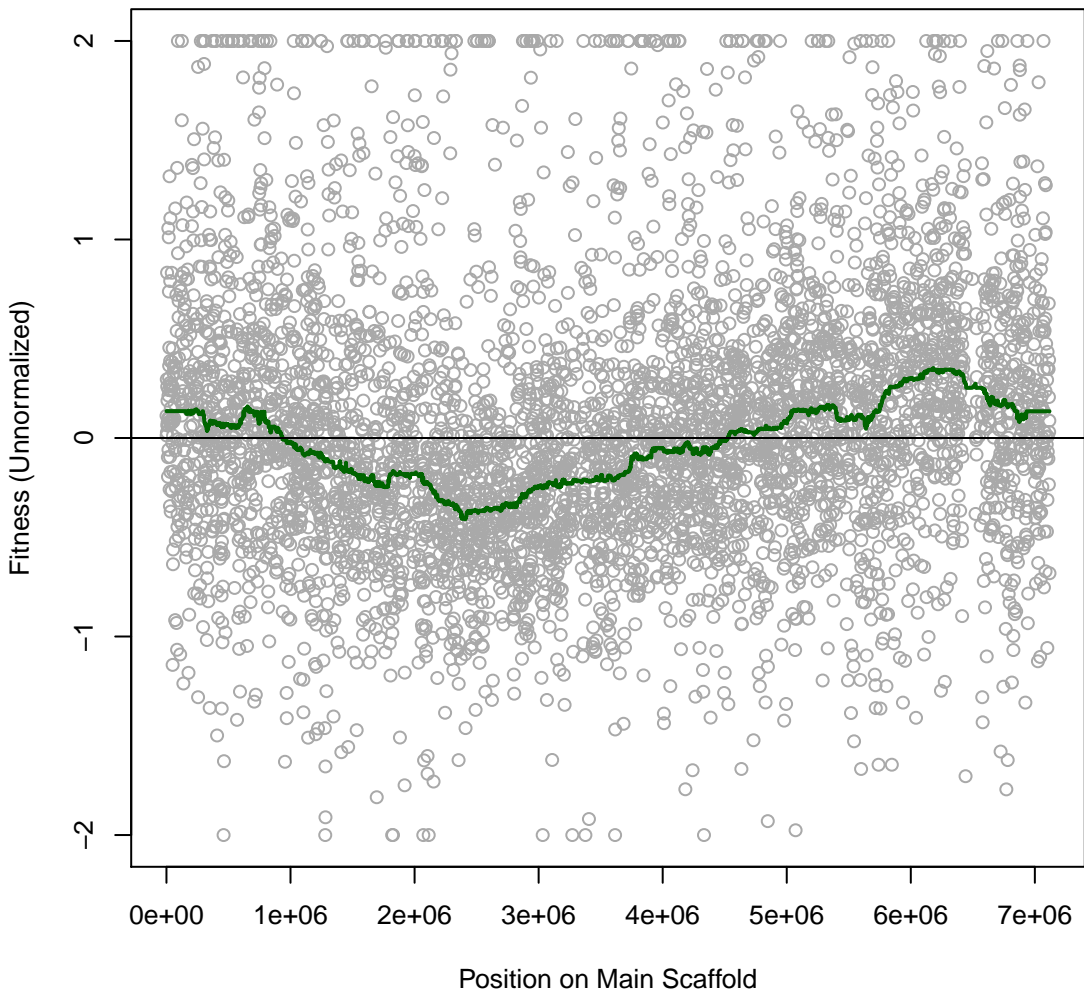
**pseudo5\_N2C3\_1 4IT031 #127 (gMed=178 rho12=0.278)**  
**Nalidixic 0.004 mg/ml**



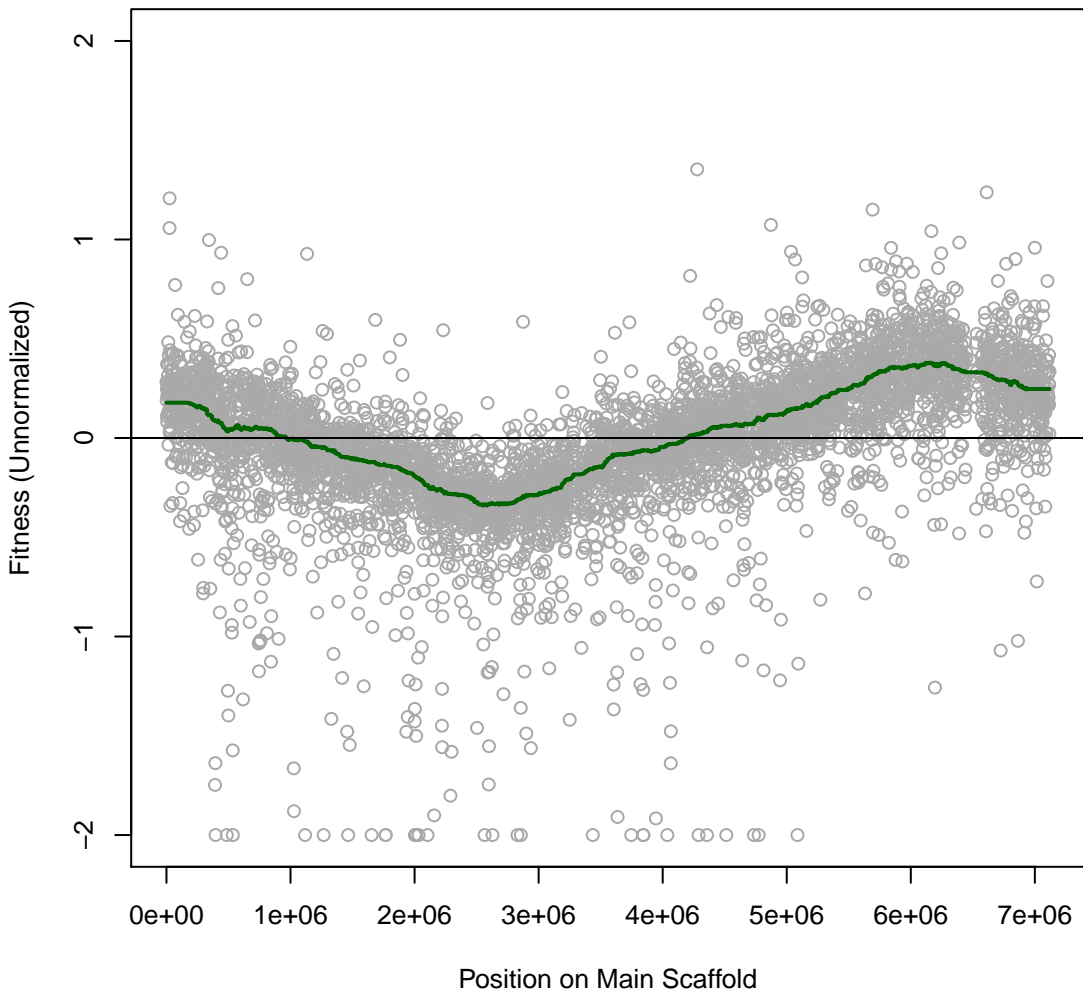
**pseudo5\_N2C3\_1 4IT032 #128 (gMed=44 rho12=0.206)**  
**Nalidixic 0.008 mg/ml**



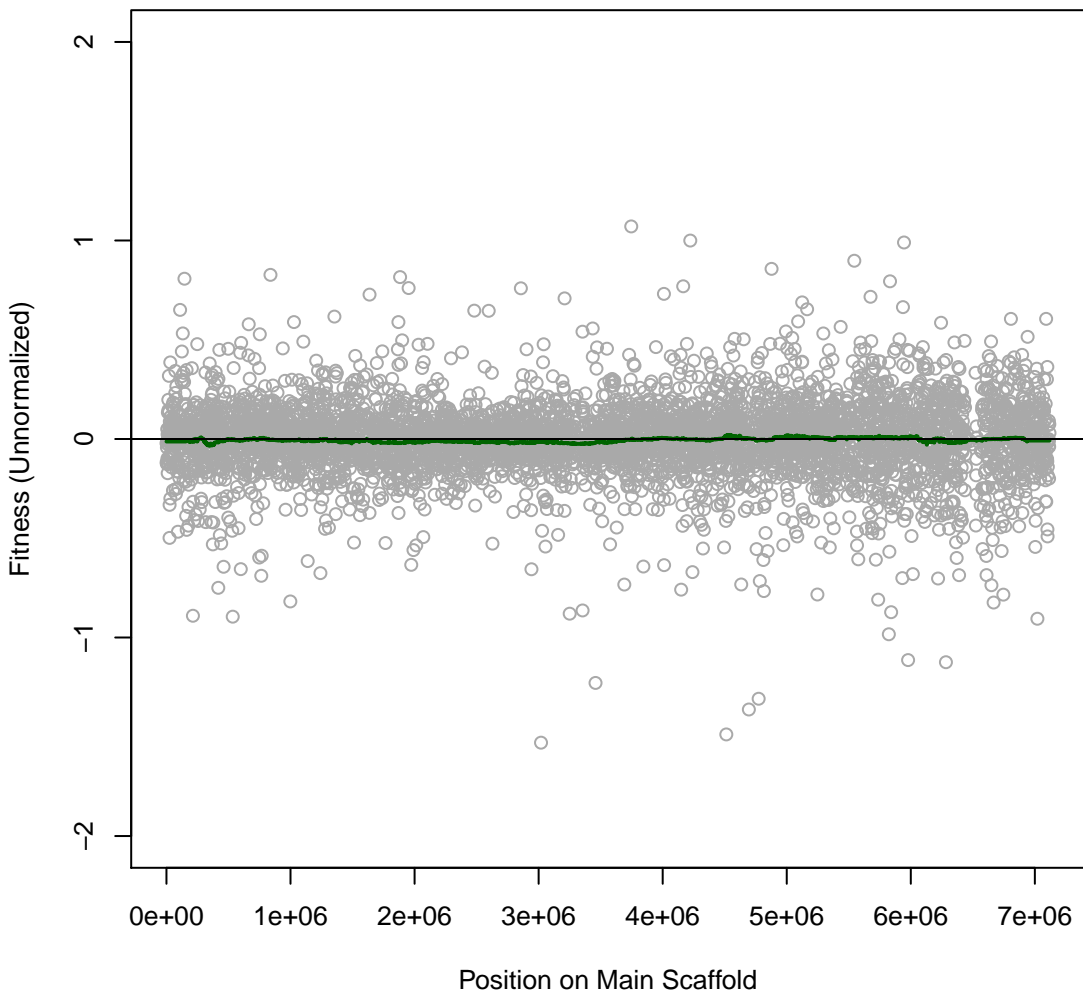
**pseudo5\_N2C3\_1 4IT033 #129 (gMed=6 rho12=0.110)**  
**Gentamicin 0.001 mg/ml**



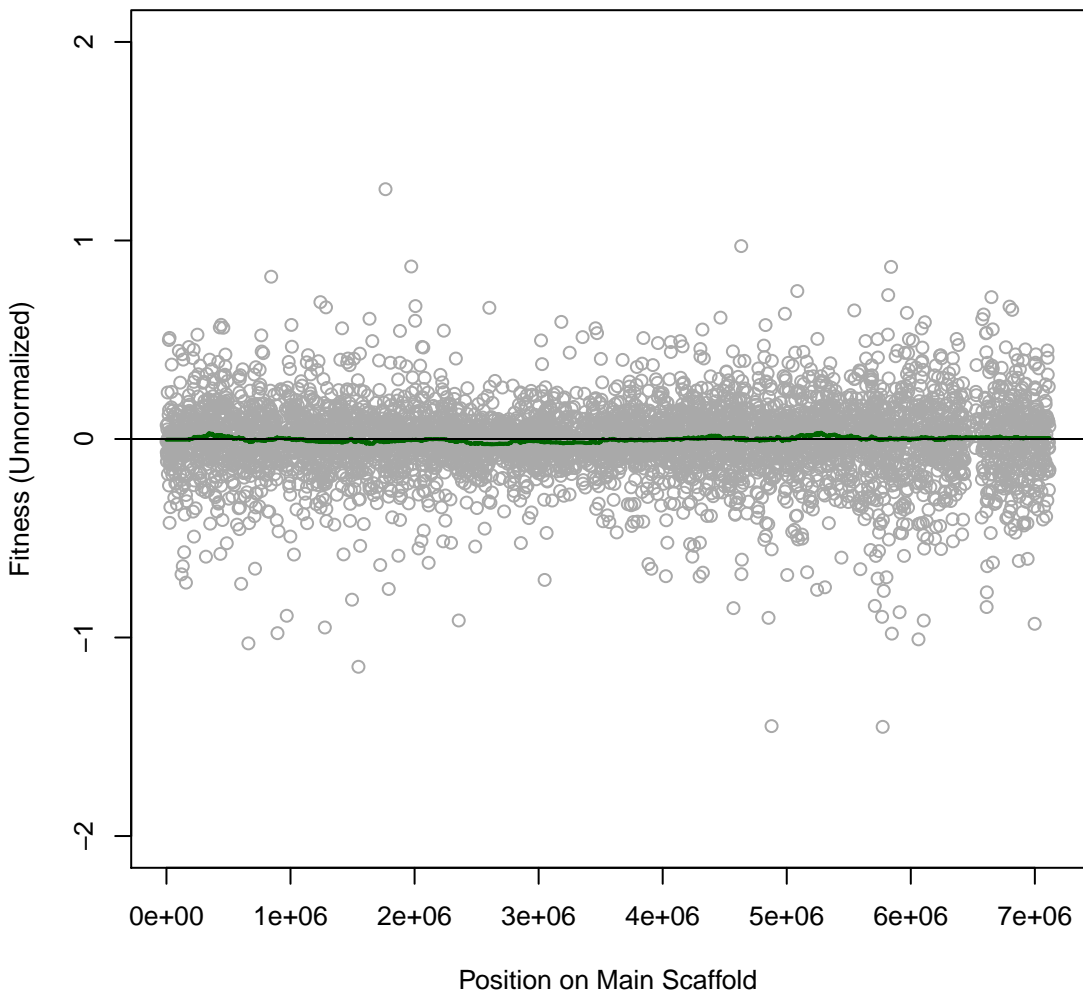
**pseudo5\_N2C3\_1 4IT034 #130 (gMed=182 rho12=0.126)**  
**LB**



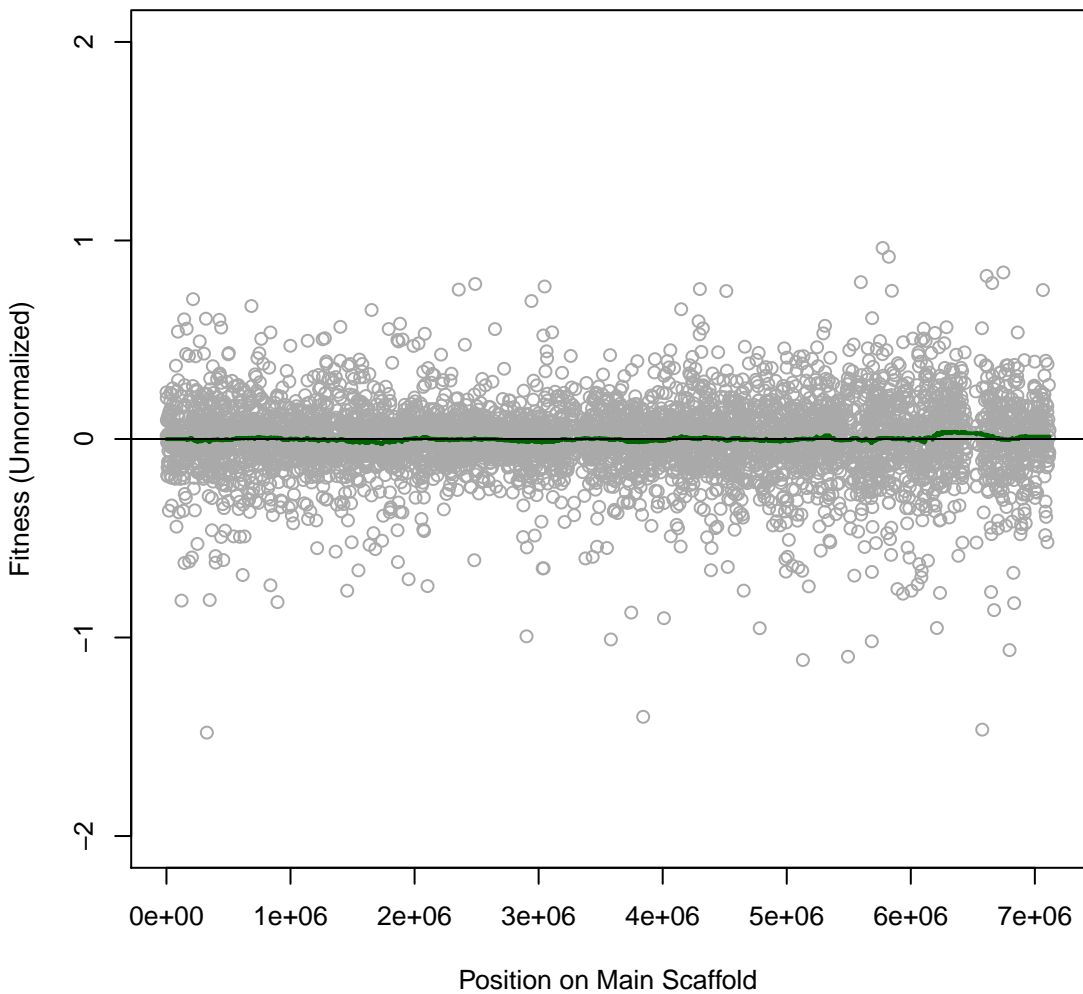
pseudo5\_N2C3\_1 4IT035 #131 (gMed=183 rho12=0.009)  
Time0



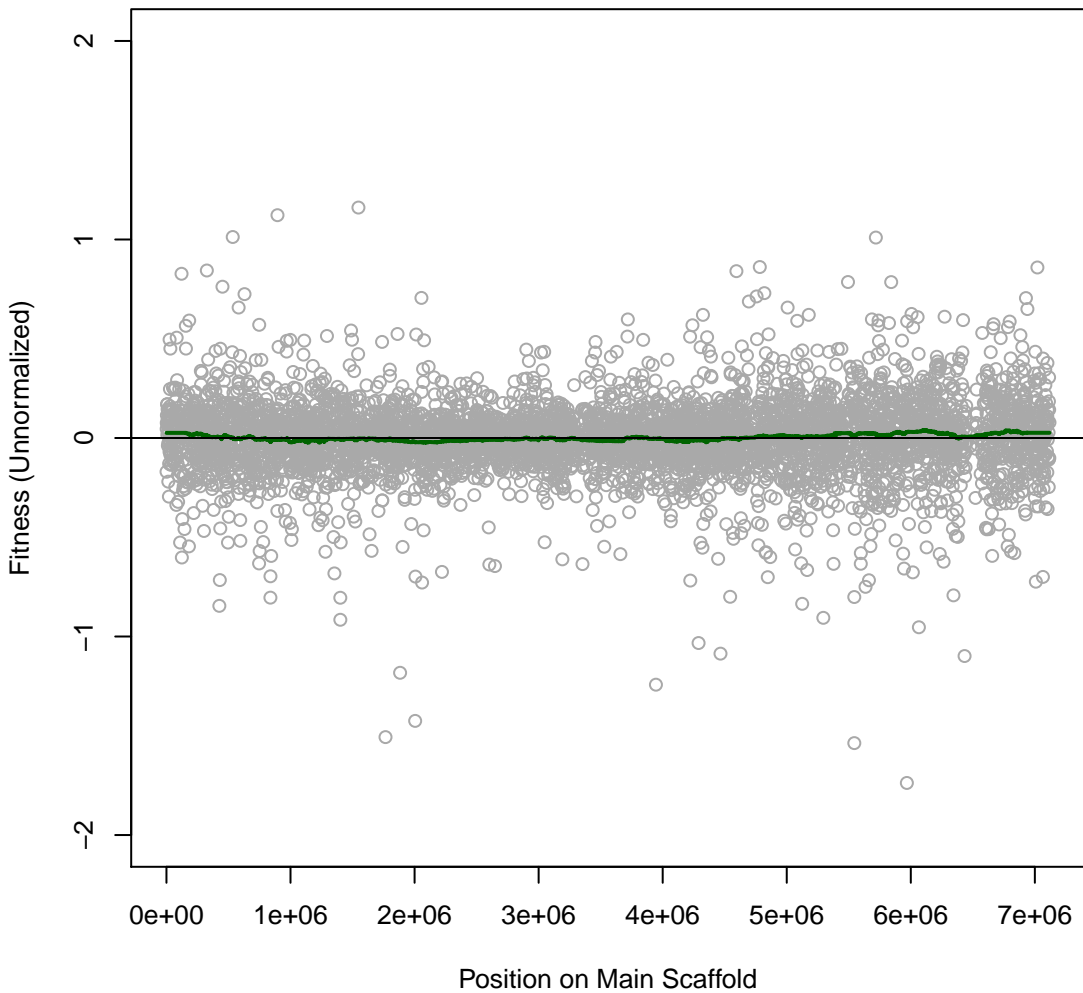
**pseudo5\_N2C3\_1 4IT036 #132 (gMed=182 rho12=0.017)**  
**Time0**



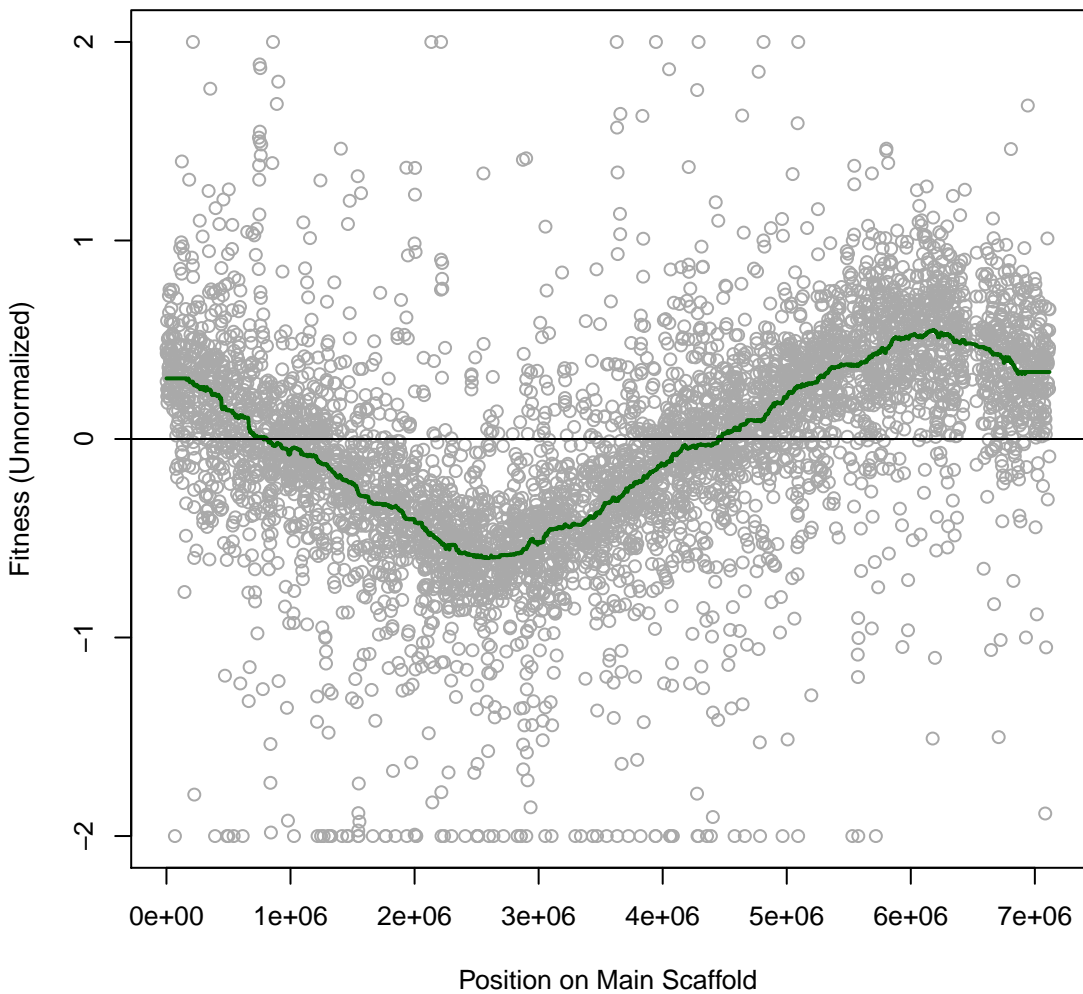
pseudo5\_N2C3\_1 4IT037 #133 (gMed=178 rho12=-0.033)  
Time0



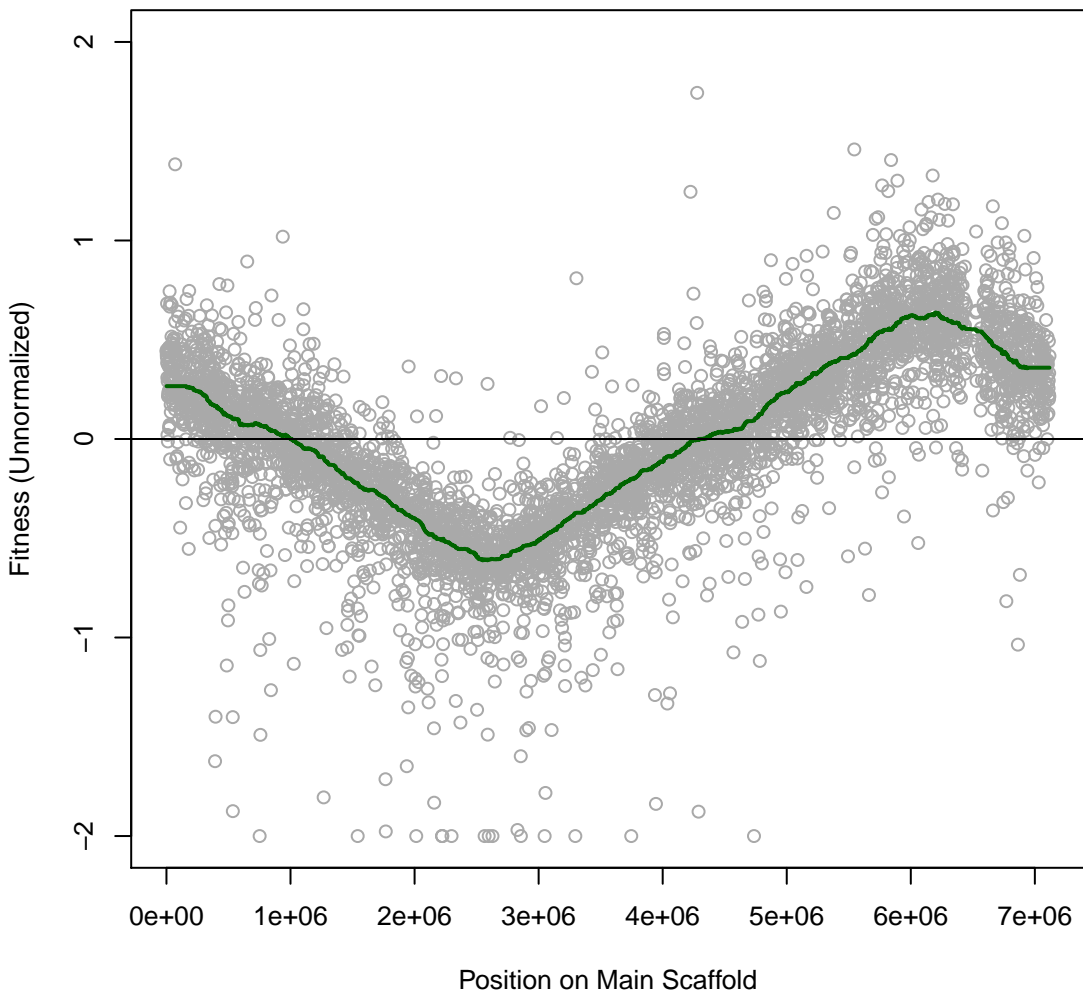
pseudo5\_N2C3\_1 4IT038 #134 (gMed=189 rho12=-0.001)  
Time0



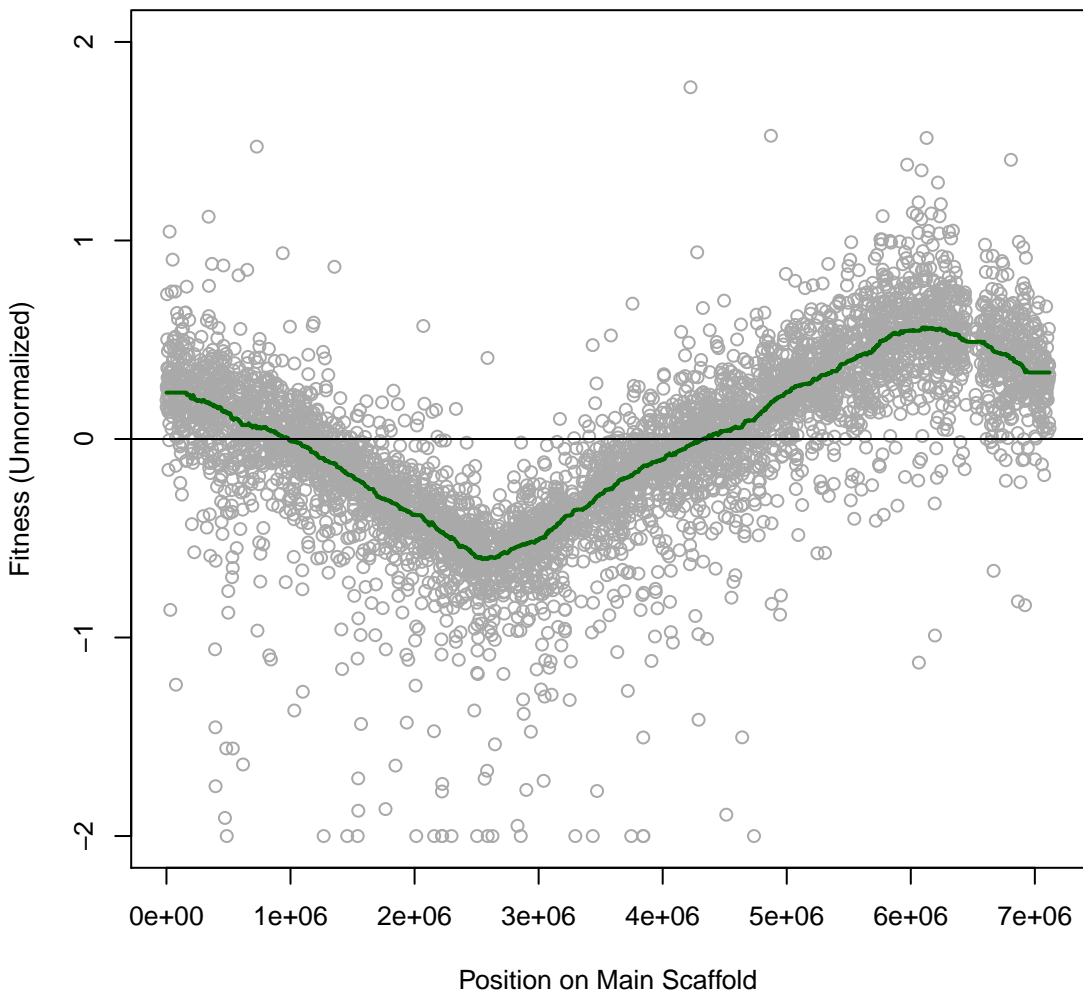
**pseudo5\_N2C3\_1 4IT039 #135 (gMed=182 rho12=0.268)**  
**methylglyoxal 0.016 vol%**



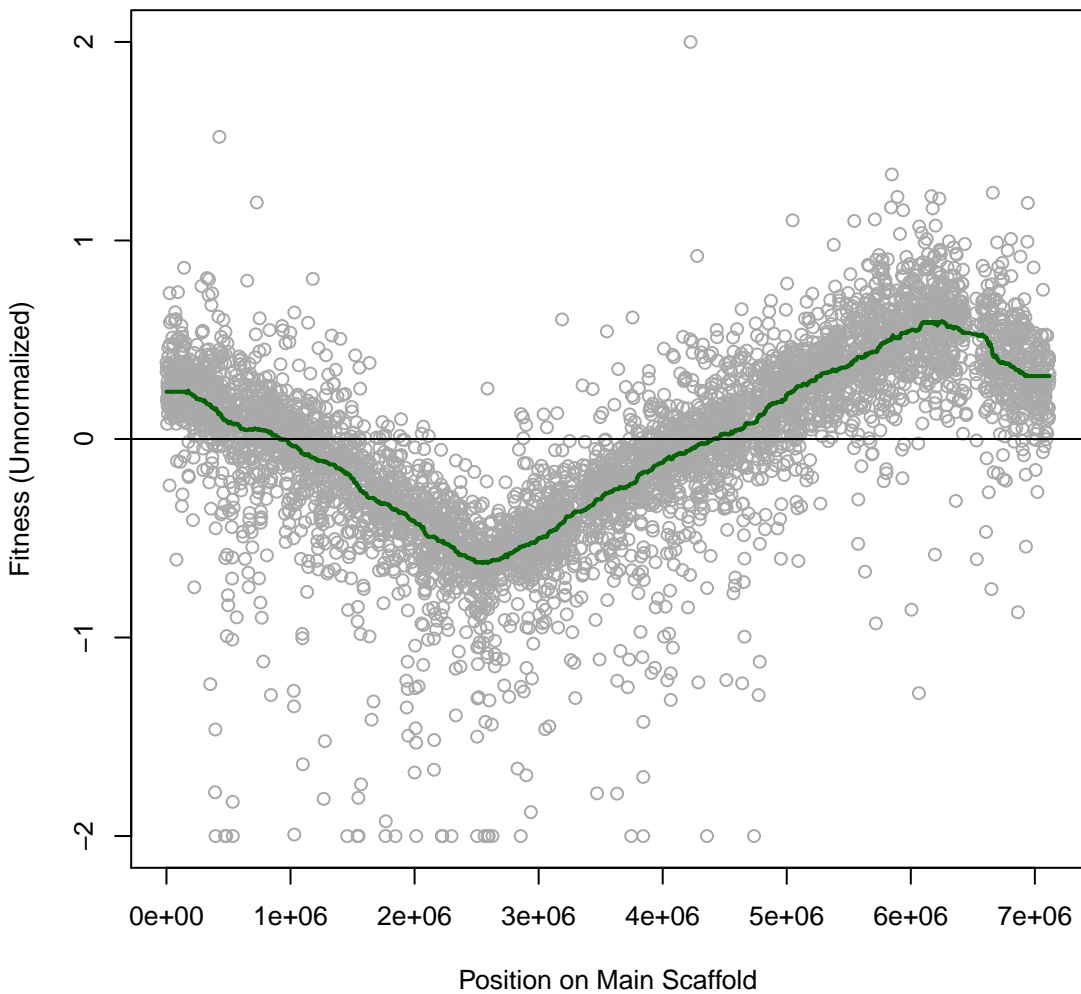
**pseudo5\_N2C3\_1 4IT040 #136 (gMed=195 rho12=0.094)**  
**5-Hydroxymethylfurfural 2.5 mM**



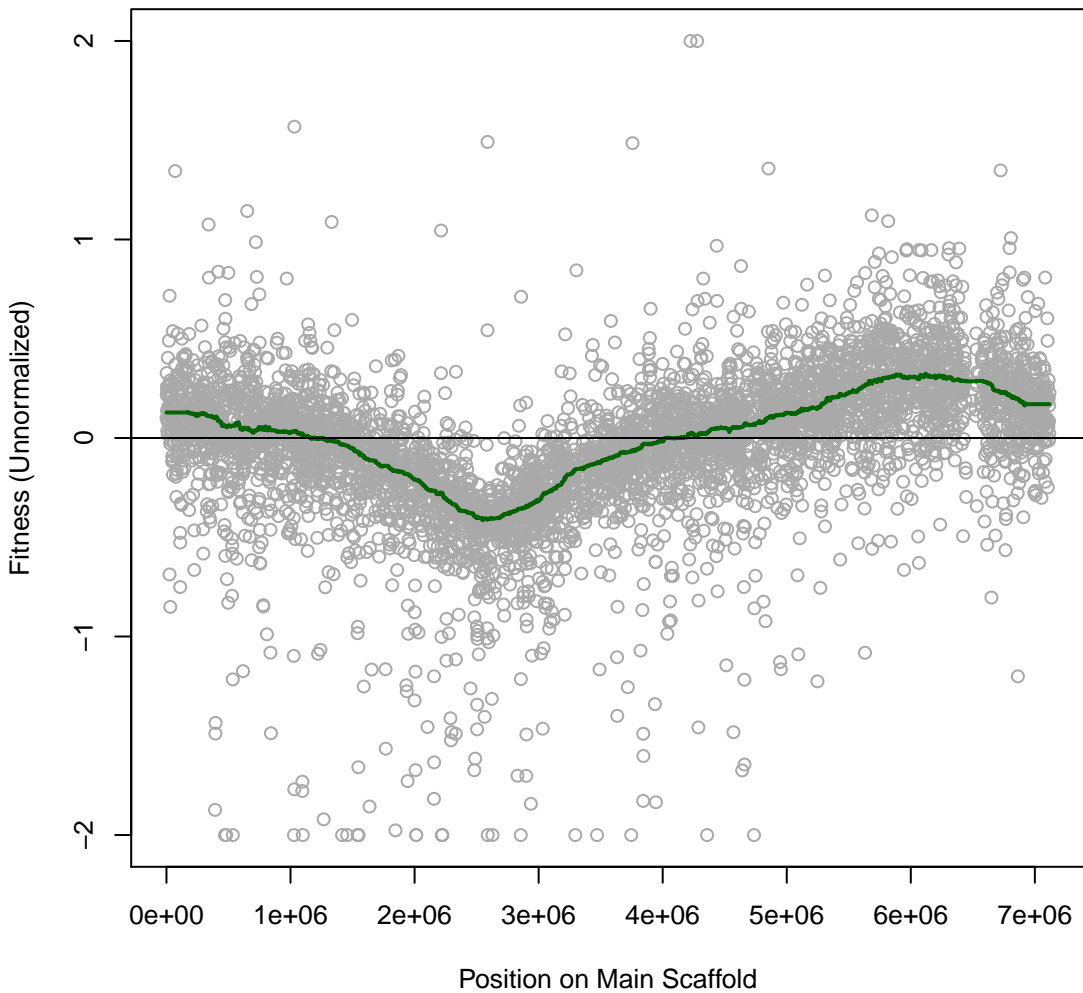
**pseudo5\_N2C3\_1 4IT041 #137 (gMed=185 rho12=0.101)**  
**Vanillin 1.25 mM**



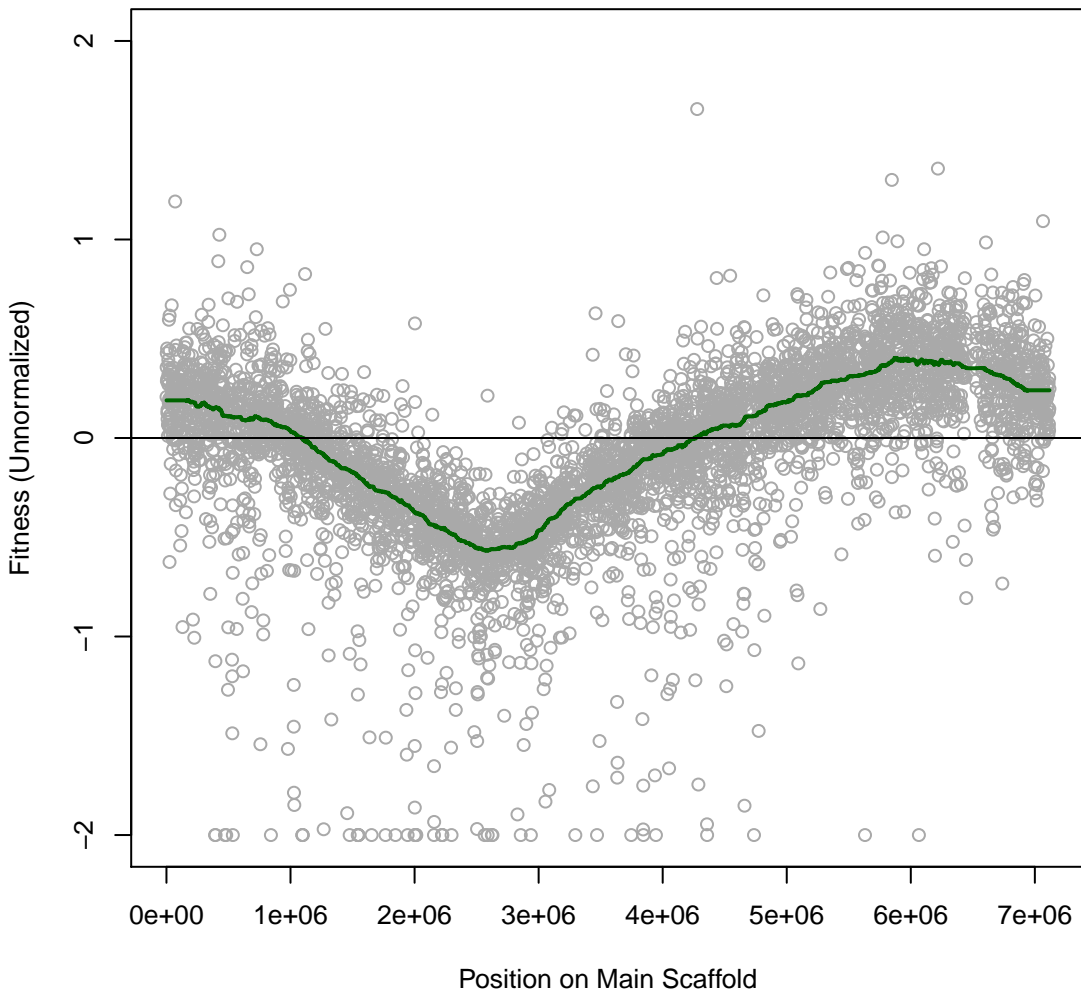
**pseudo5\_N2C3\_1 4IT042 #138 (gMed=194 rho12=0.159)**  
**Vanillin 2.5 mM**



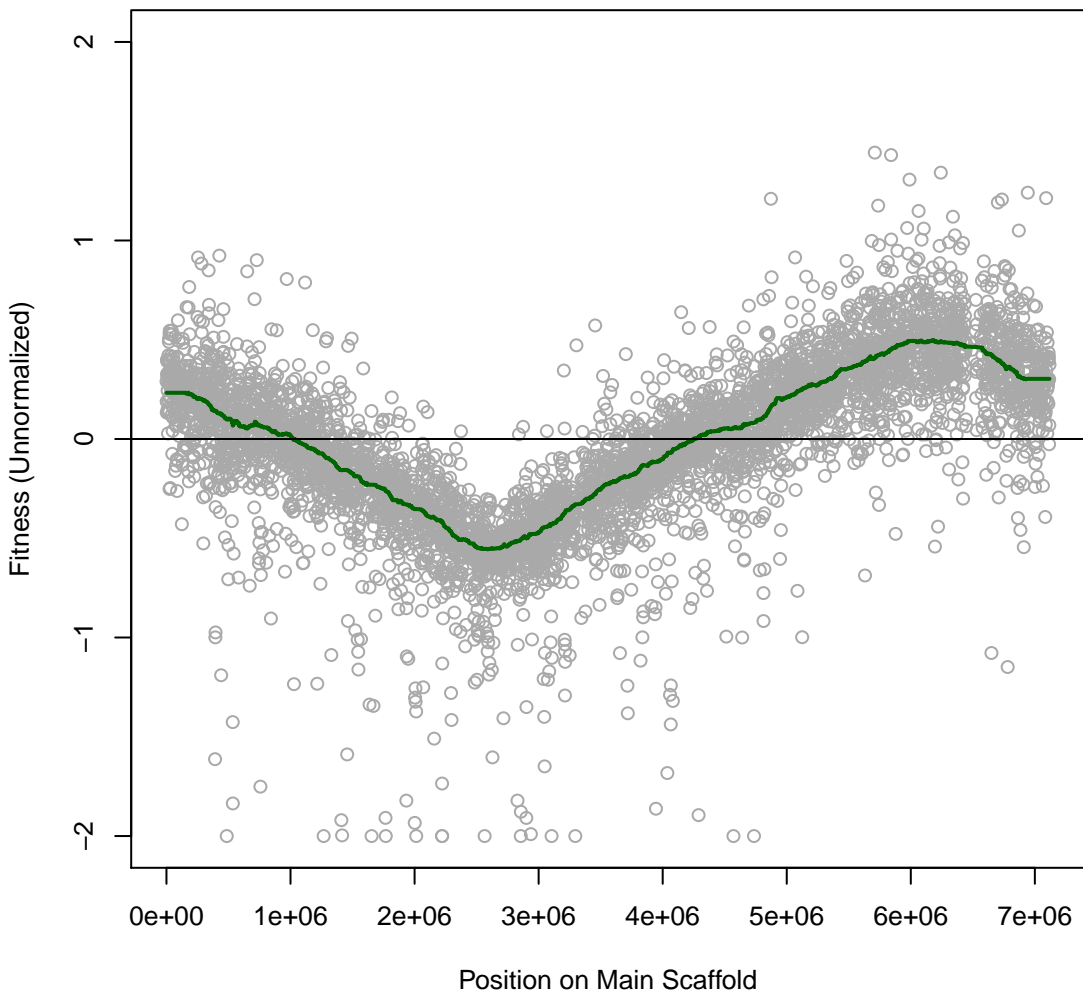
**pseudo5\_N2C3\_1 4IT043 #139 (gMed=186 rho12=0.187)**  
**syringaldehyde 5 mM**



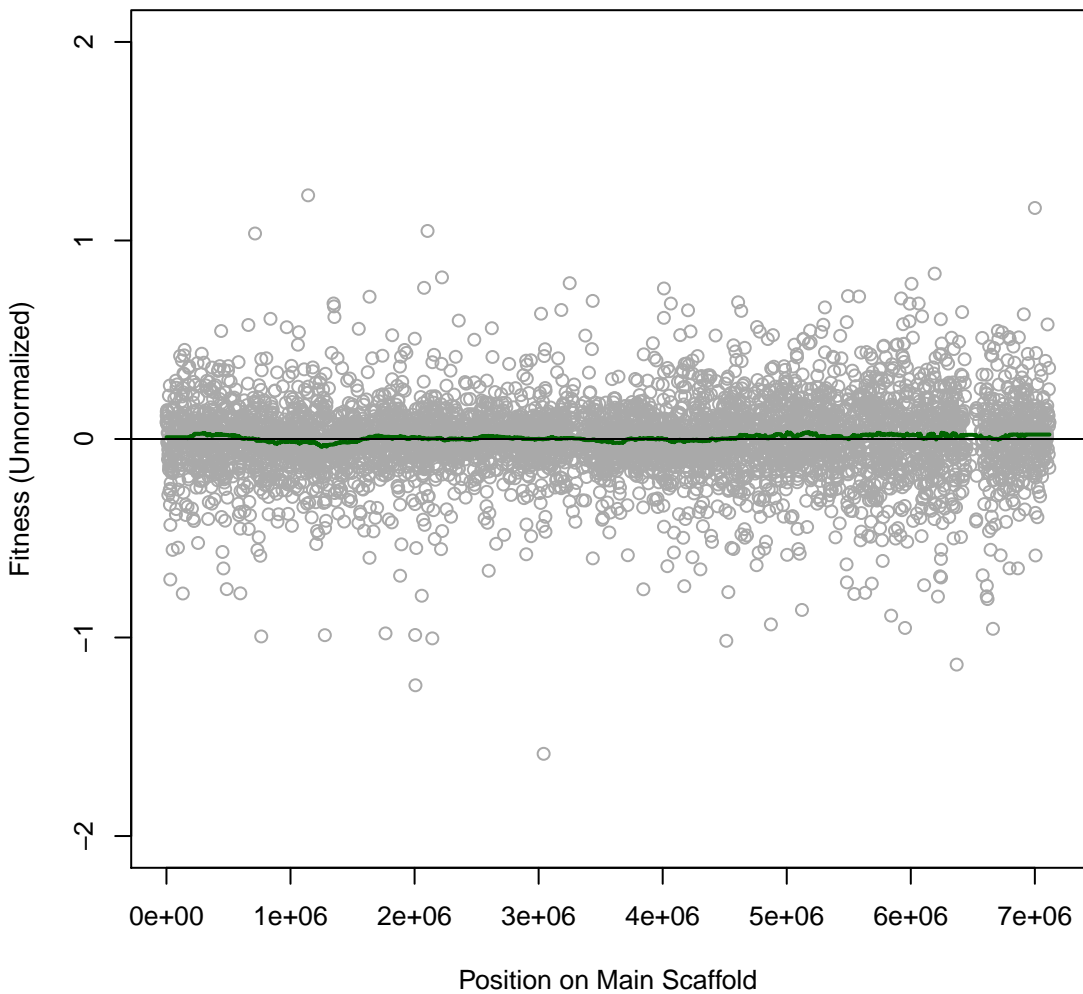
**pseudo5\_N2C3\_1 4IT044 #140 (gMed=195 rho12=0.190)**  
**syringaldehyde 10 mM**



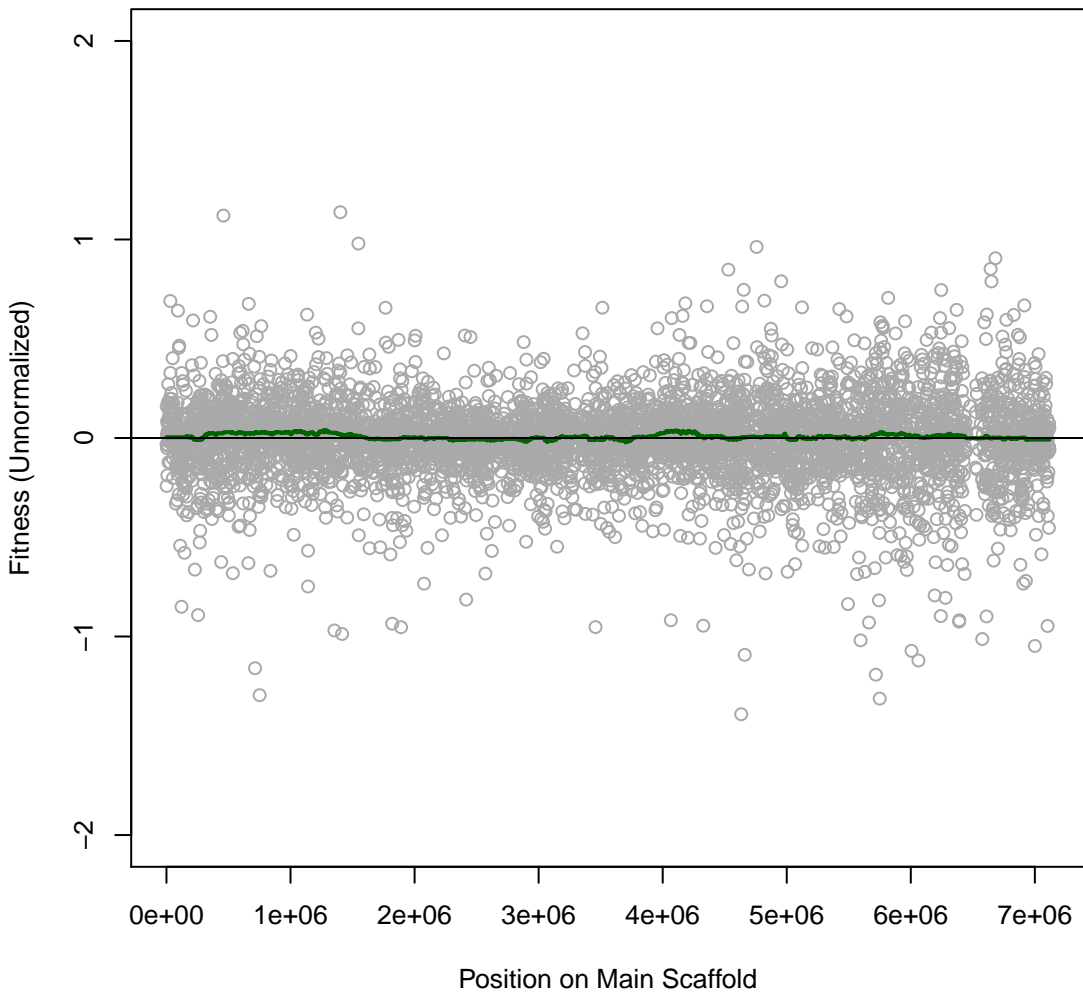
**pseudo5\_N2C3\_1 4IT045 #141 (gMed=195 rho12=0.119)**  
**LB**



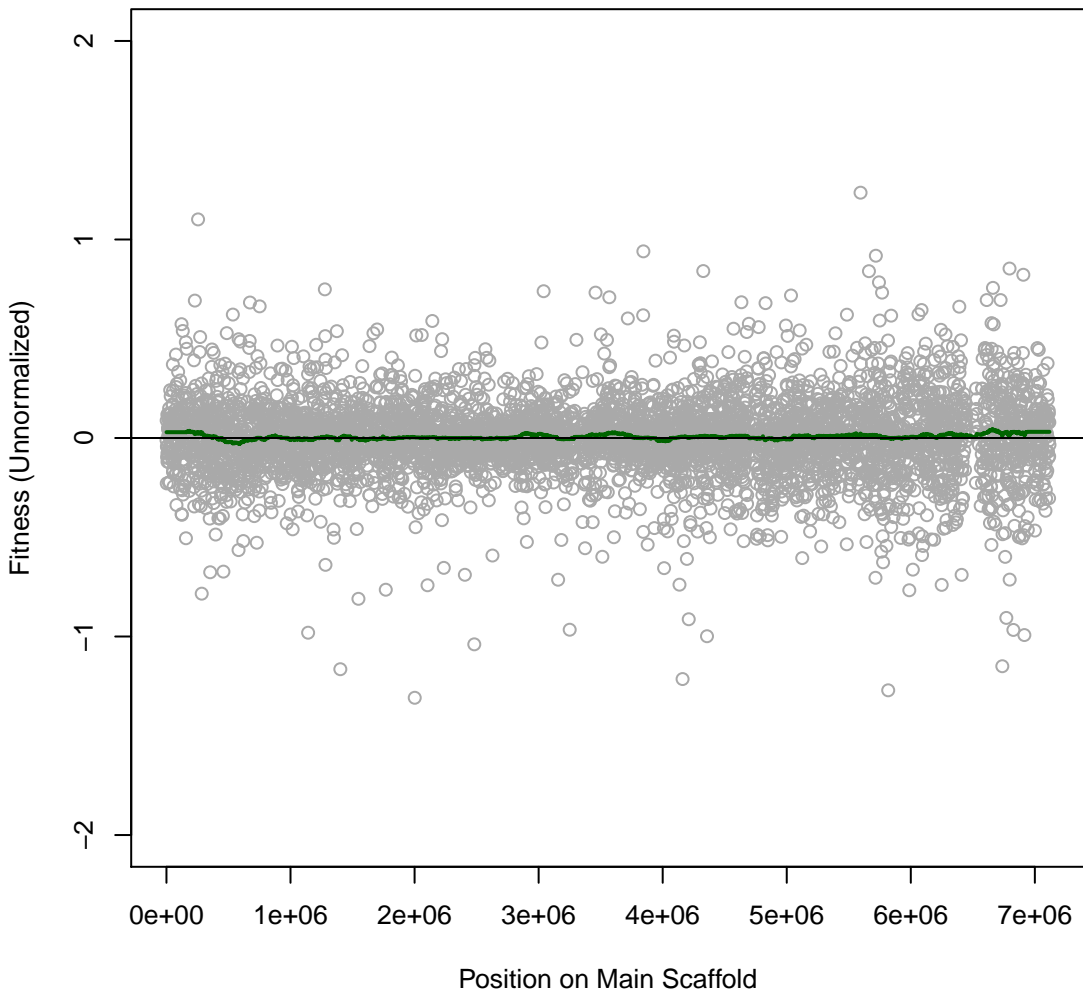
pseudo5\_N2C3\_1 4IT046 #142 (gMed=180 rho12=0.005)  
Time0



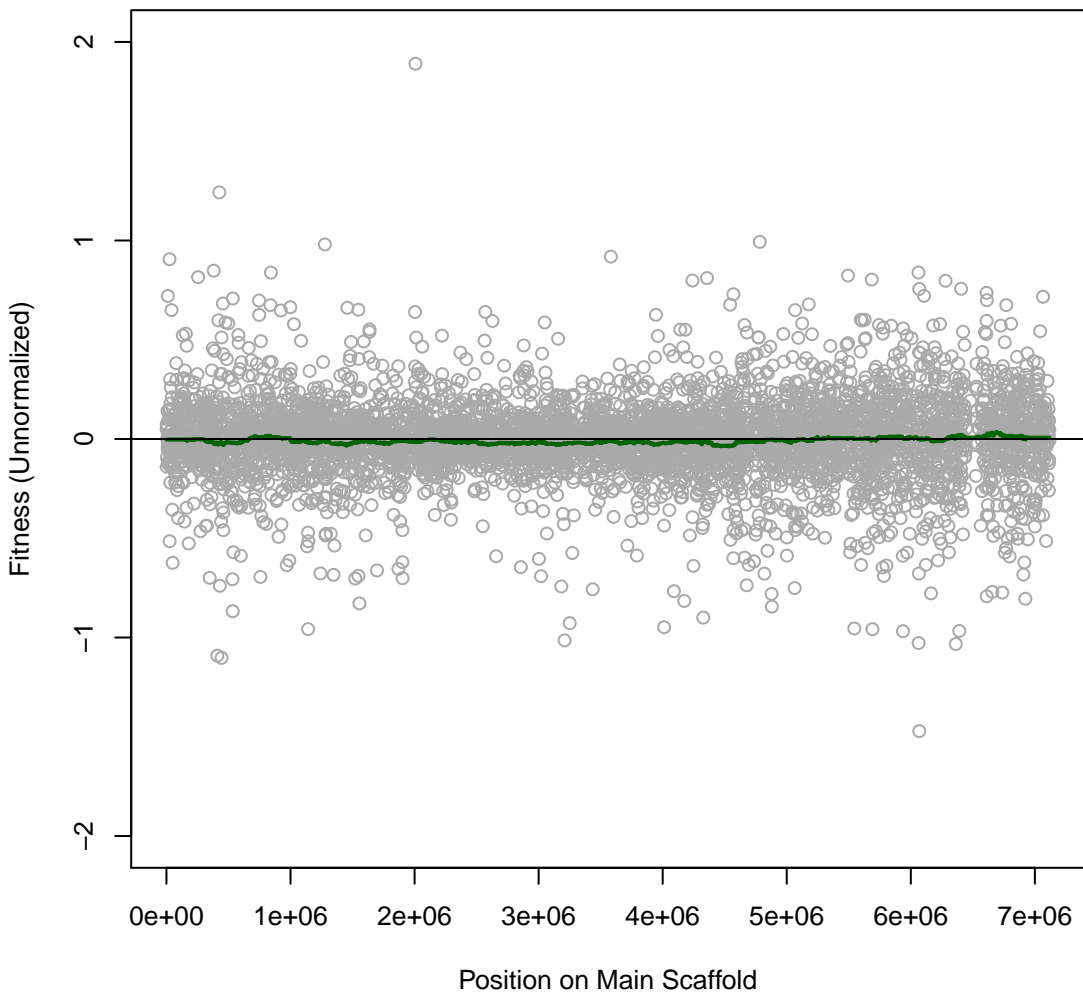
pseudo5\_N2C3\_1 4IT047 #143 (gMed=169 rho12=-0.007)  
Time0



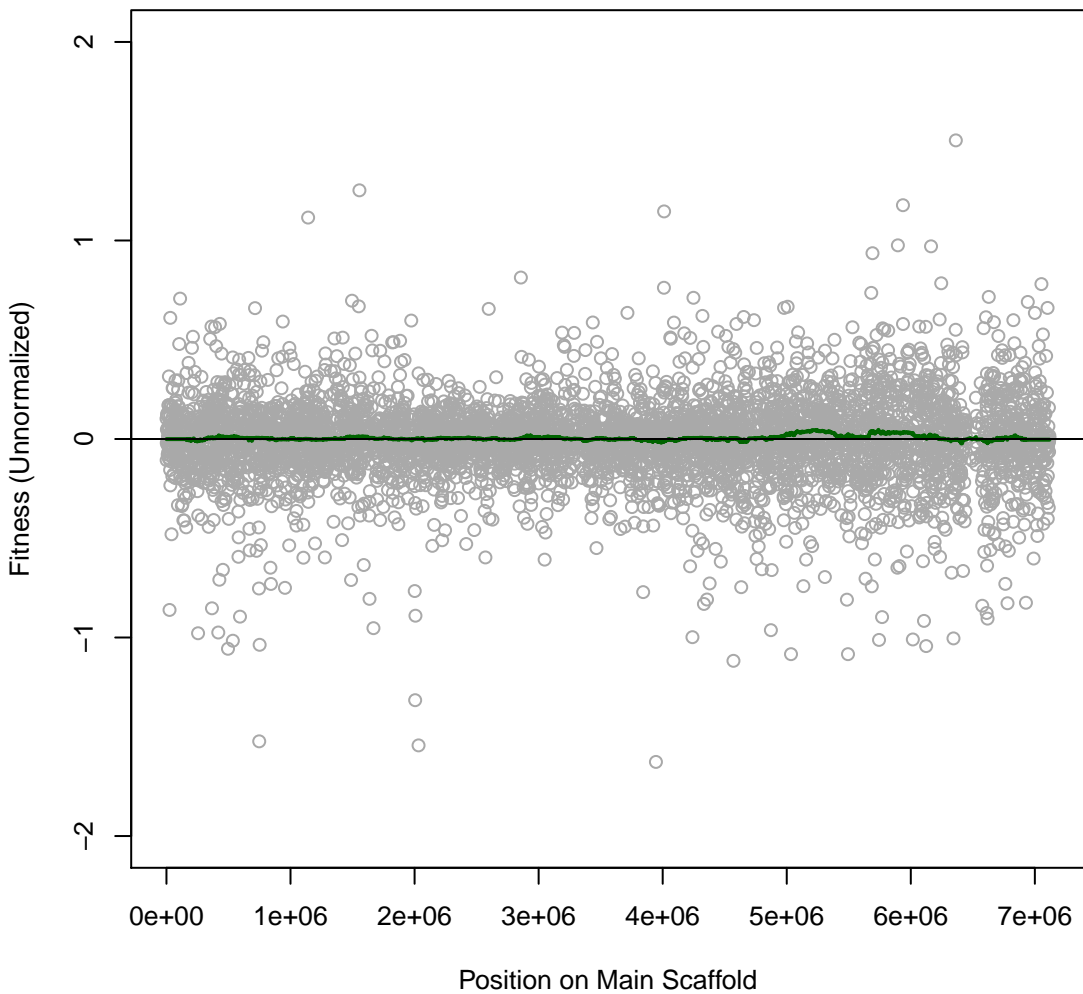
pseudo5\_N2C3\_1 4IT048 #144 (gMed=185 rho12=-0.003)  
Time0



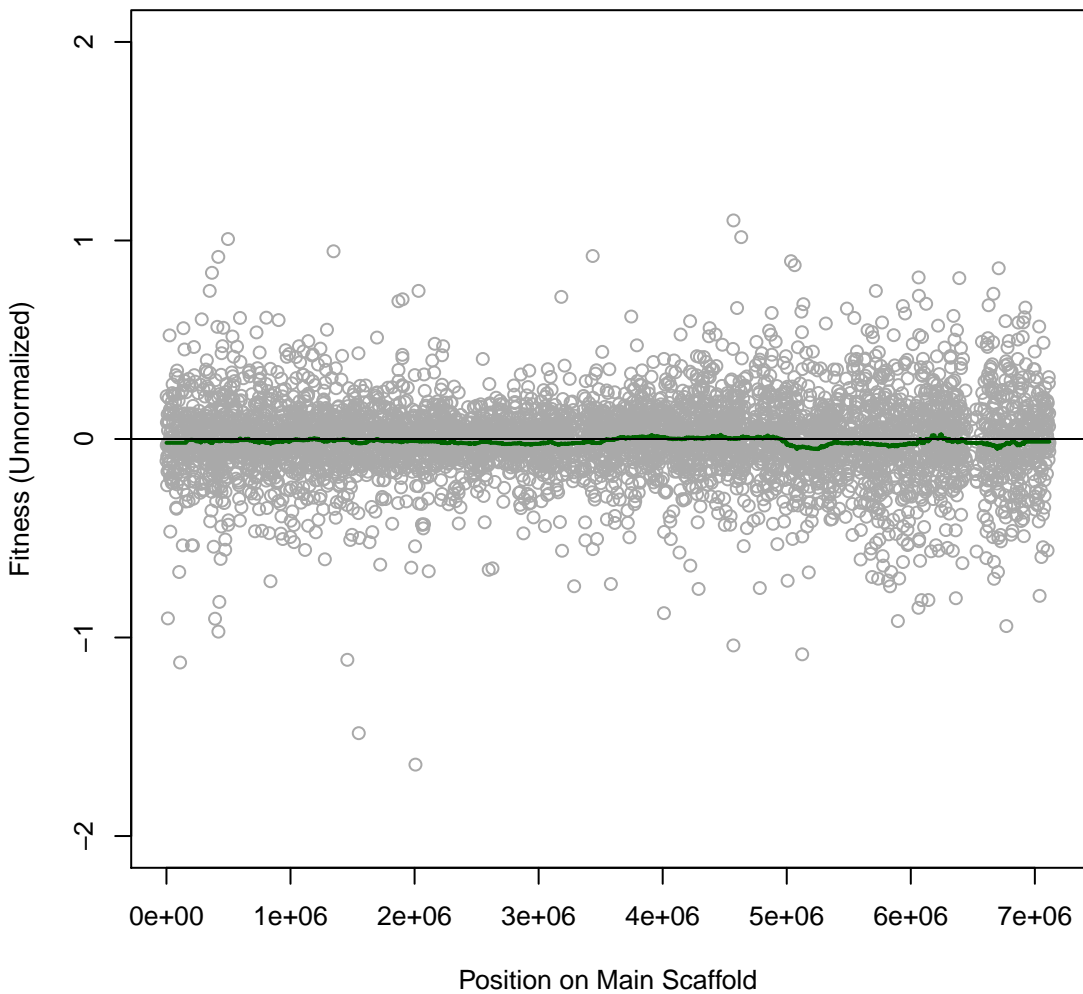
pseudo5\_N2C3\_1 5IT049 #145 (gMed=174 rho12=-0.019)  
Time0



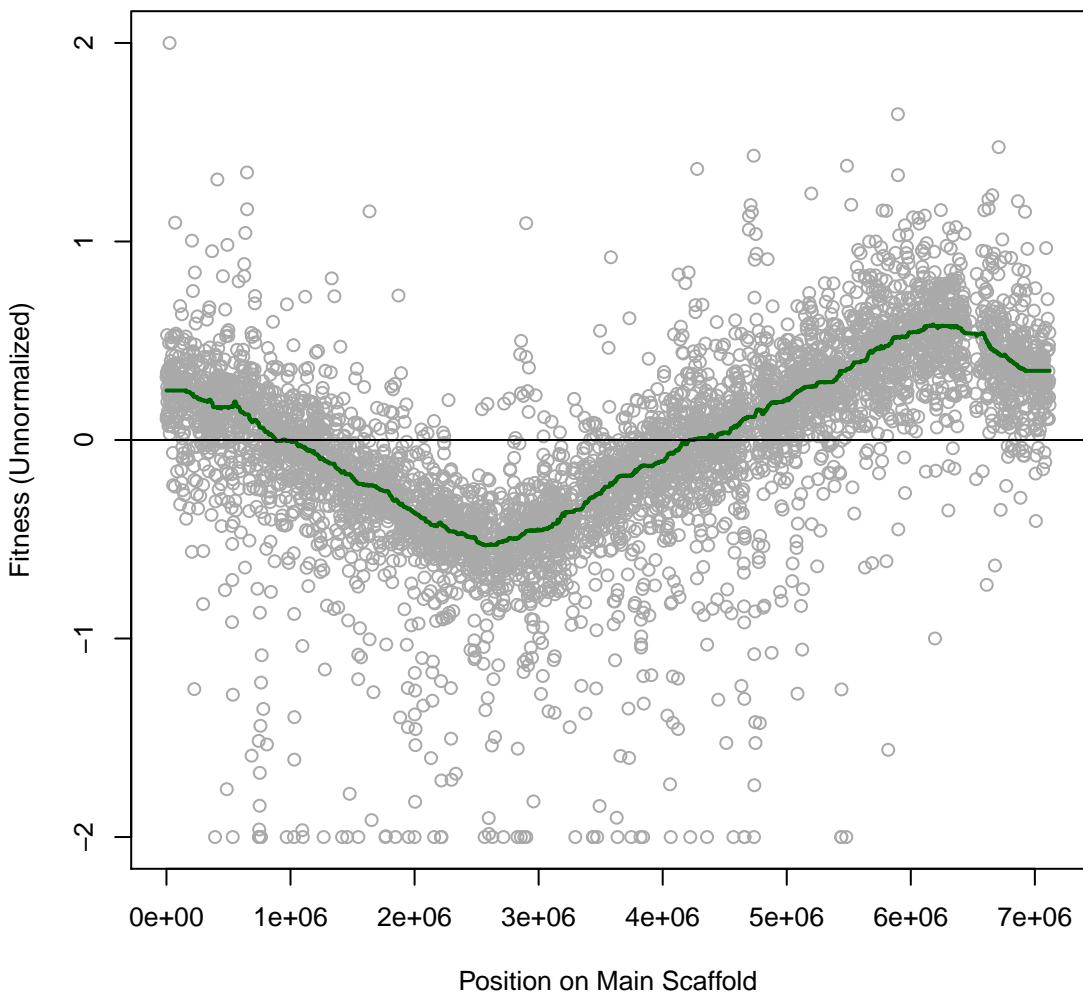
pseudo5\_N2C3\_1 5IT050 #146 (gMed=172 rho12=-0.038)  
Time0



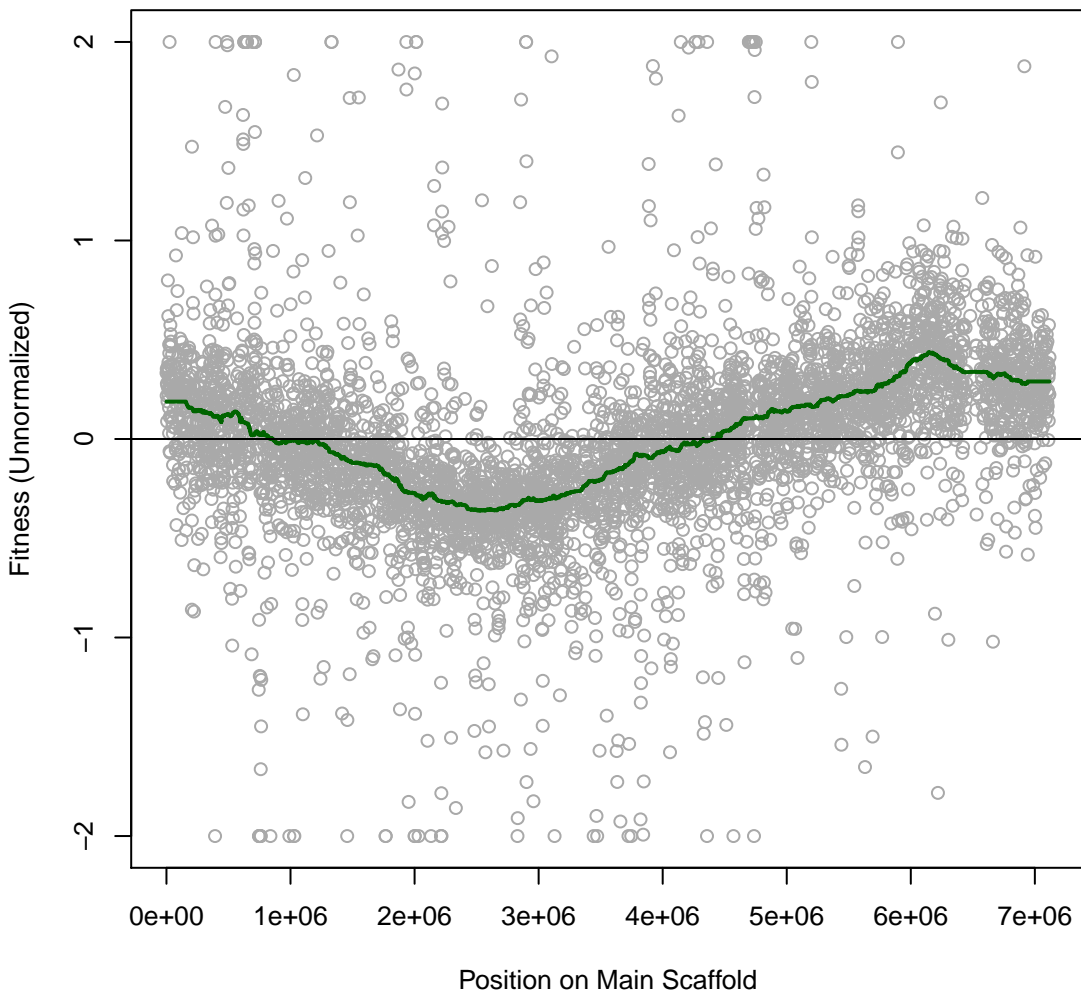
pseudo5\_N2C3\_1 5IT051 #147 (gMed=170 rho12=0.000)  
Time0



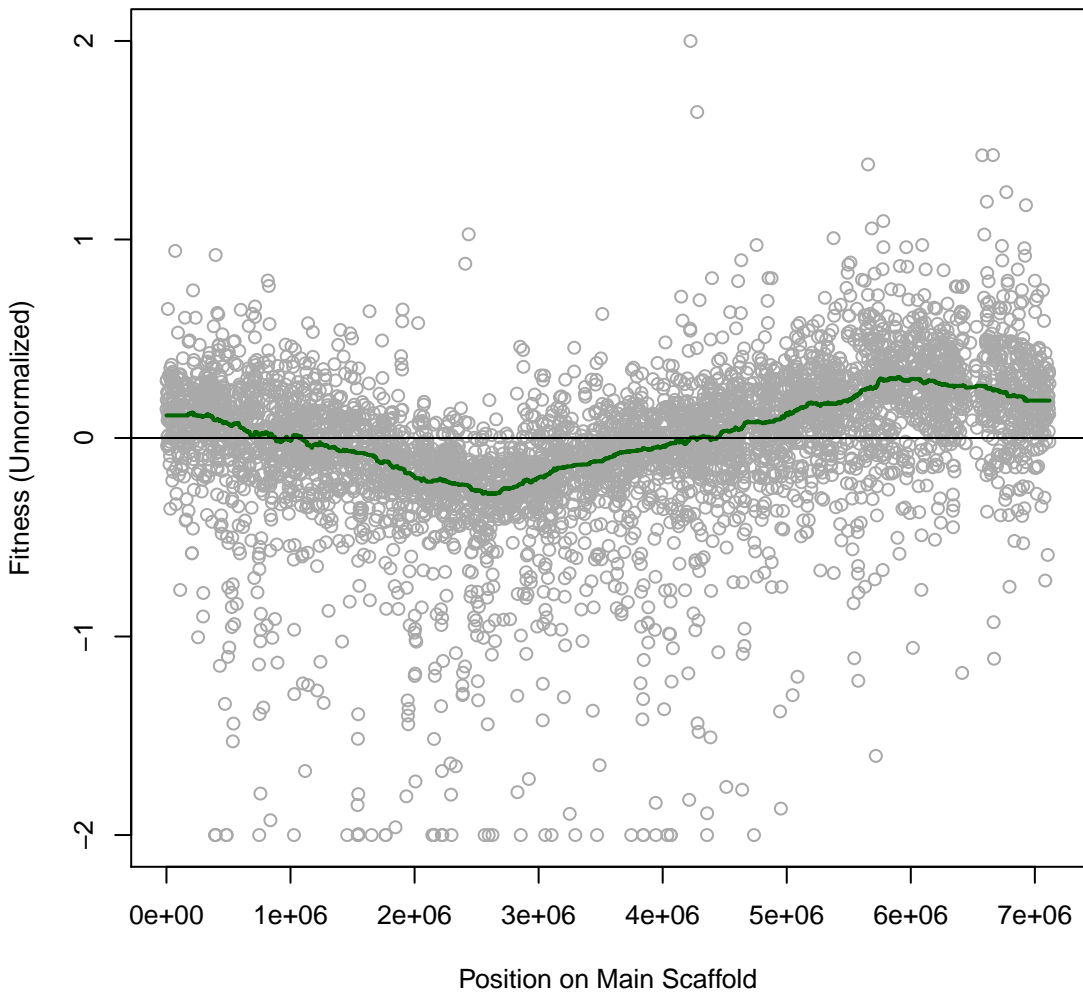
**pseudo5\_N2C3\_1 5IT052 #148 (gMed=171 rho12=0.244)**  
**Choline chloride 300 mM**



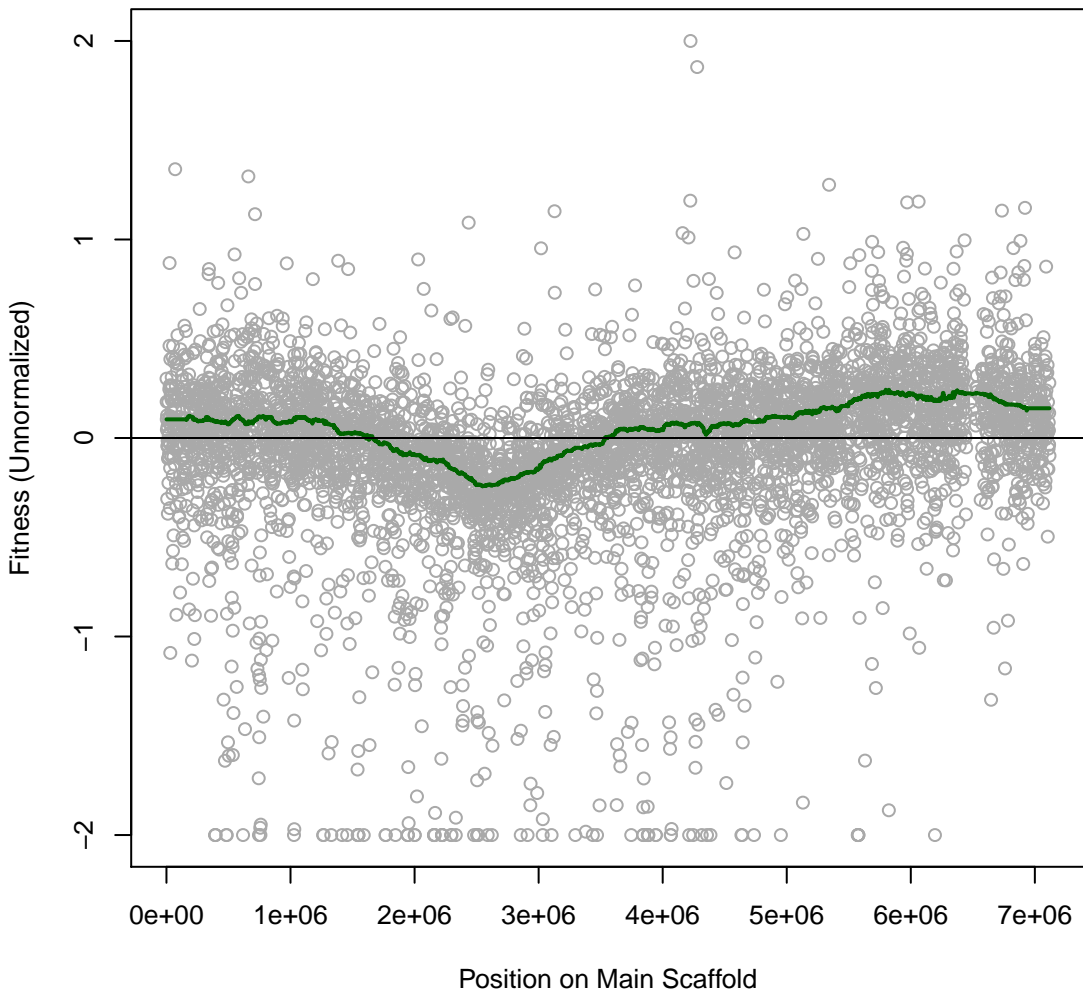
**pseudo5\_N2C3\_1 5IT053 #149 (gMed=169 rho12=0.243)**  
**Choline chloride 500 mM**



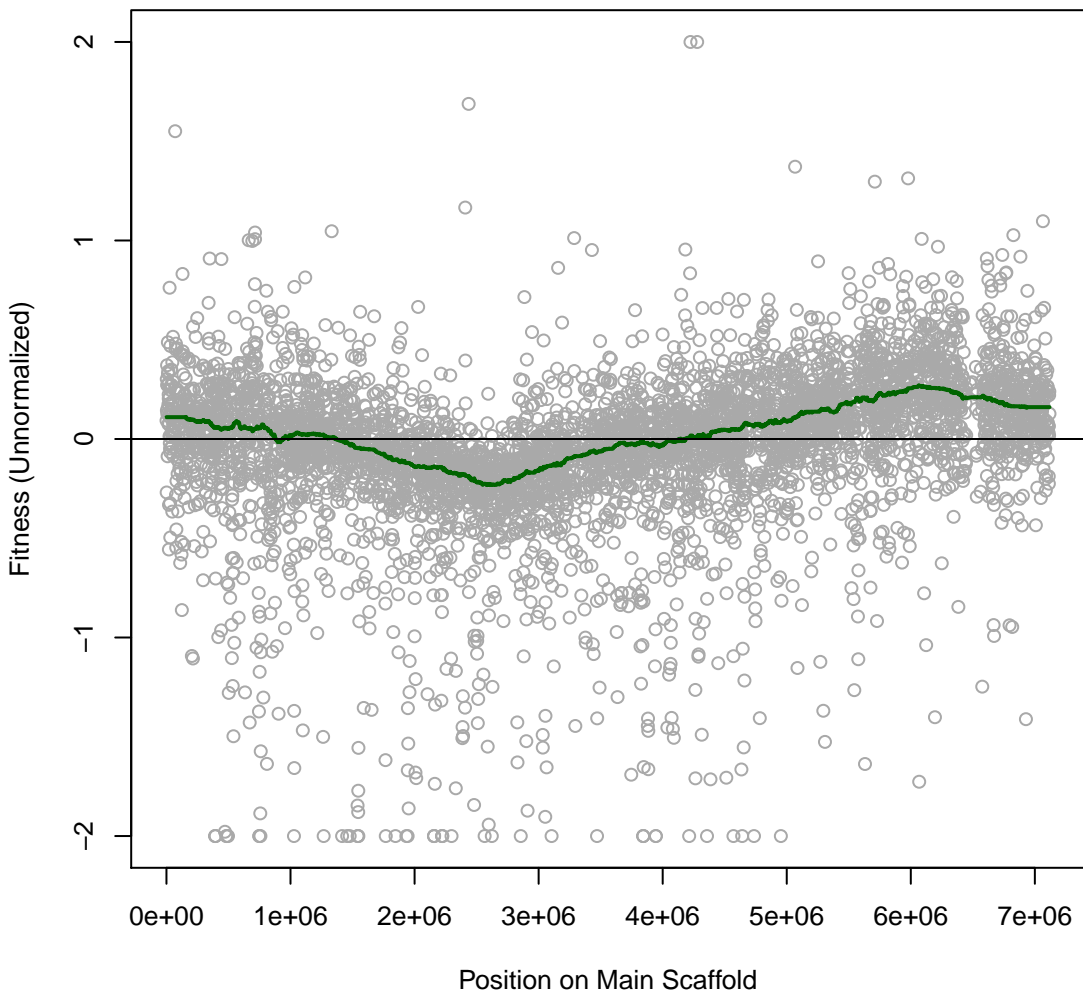
**pseudo5\_N2C3\_1 5IT054 #150 (gMed=174 rho12=0.183)**  
**Cholin acetate 20 mM**



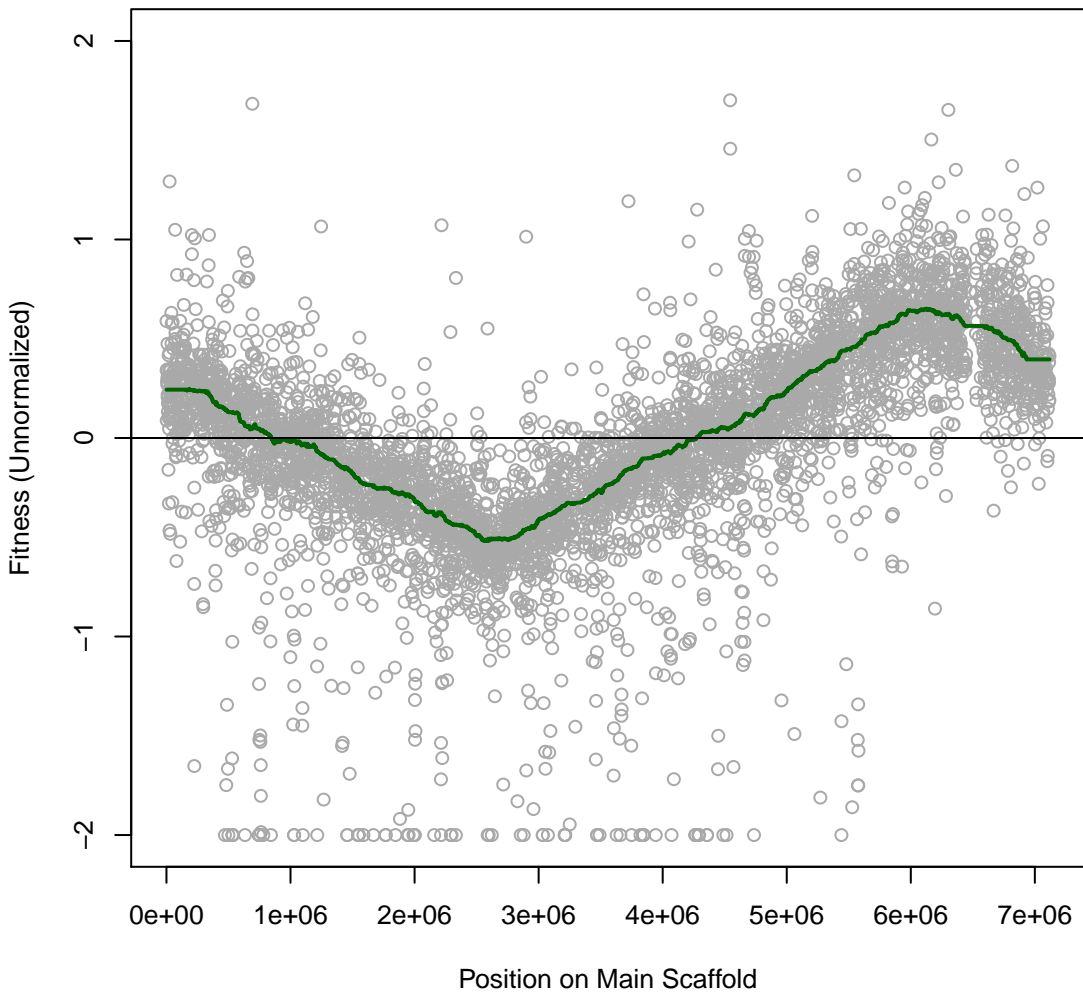
**pseudo5\_N2C3\_1 5IT055 #151 (gMed=173 rho12=0.253)**  
**Cholin acetate 40 mM**



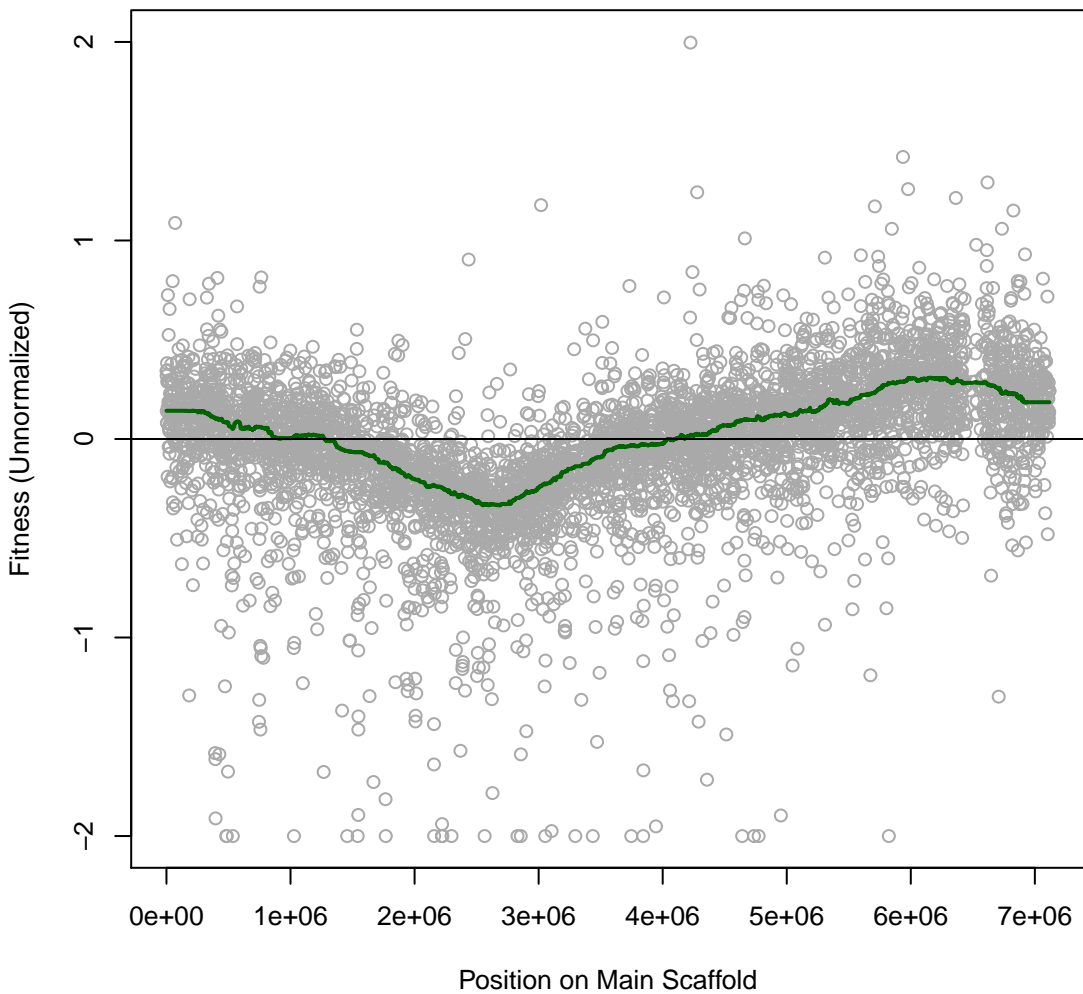
**pseudo5\_N2C3\_1 5IT056 #152 (gMed=166 rho12=0.206)**  
**acetate 40 mM**



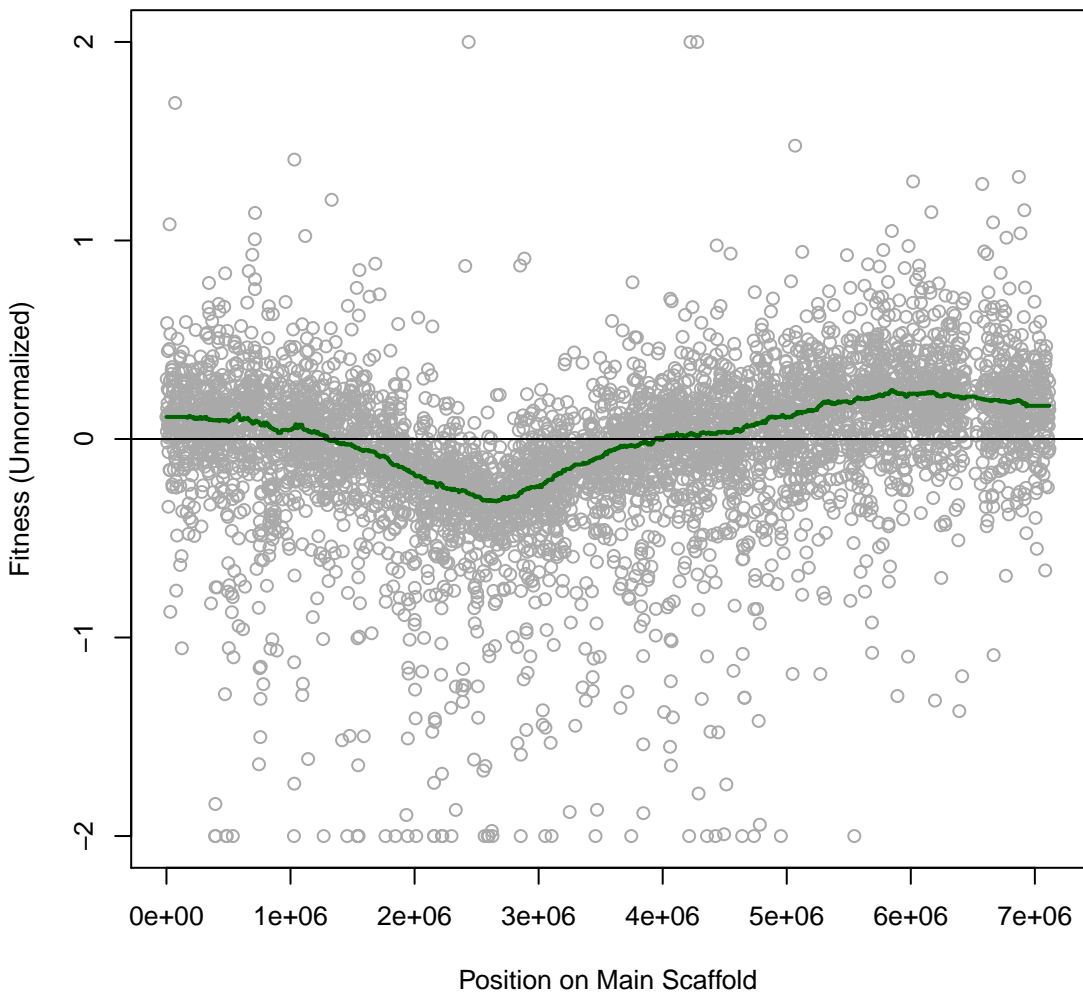
**pseudo5\_N2C3\_1 5IT057 #153 (gMed=173 rho12=0.229)**  
**1-ethyl-3-methylimidazolium lysine 10 mM**



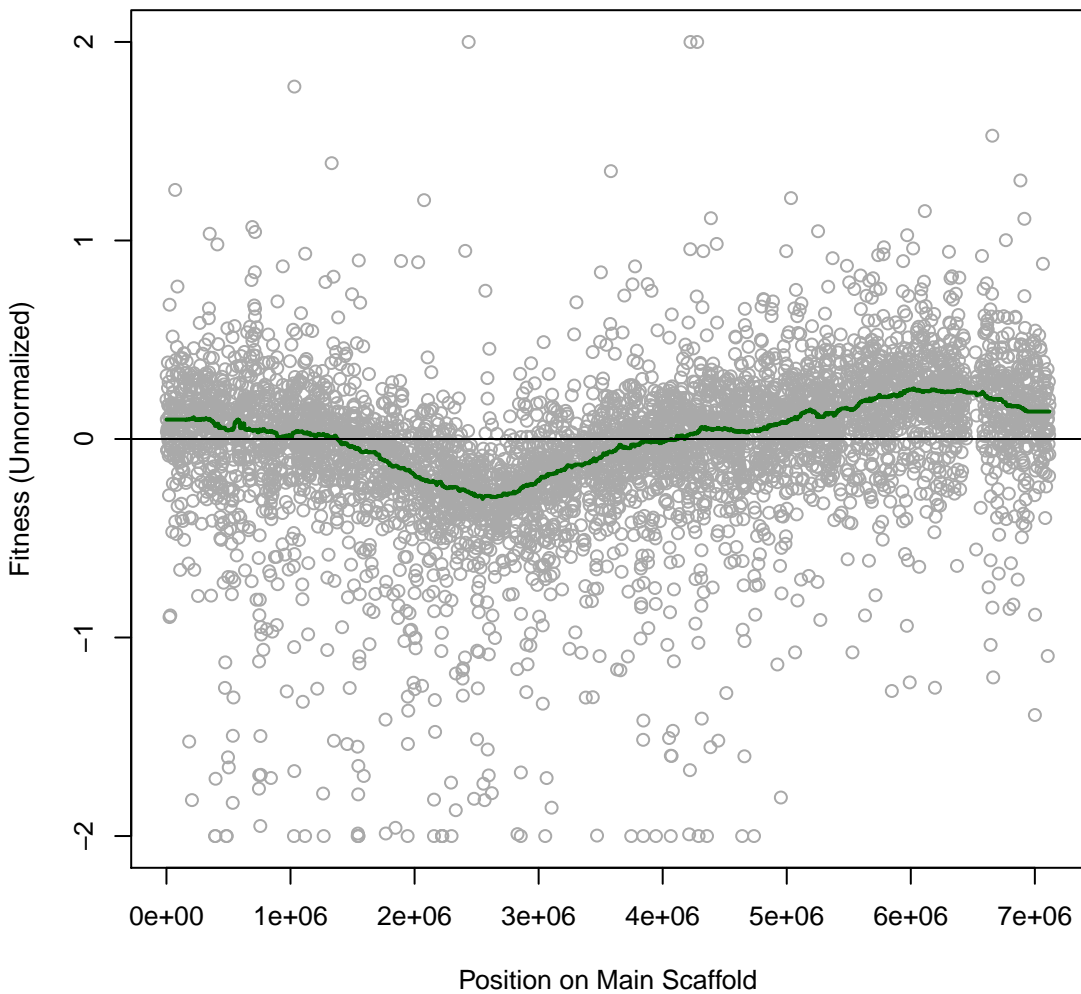
**pseudo5\_N2C3\_1 5IT058 #154 (gMed=175 rho12=0.148)**  
**1-ethyl-3-methylimidazolium acetate 5 mM**



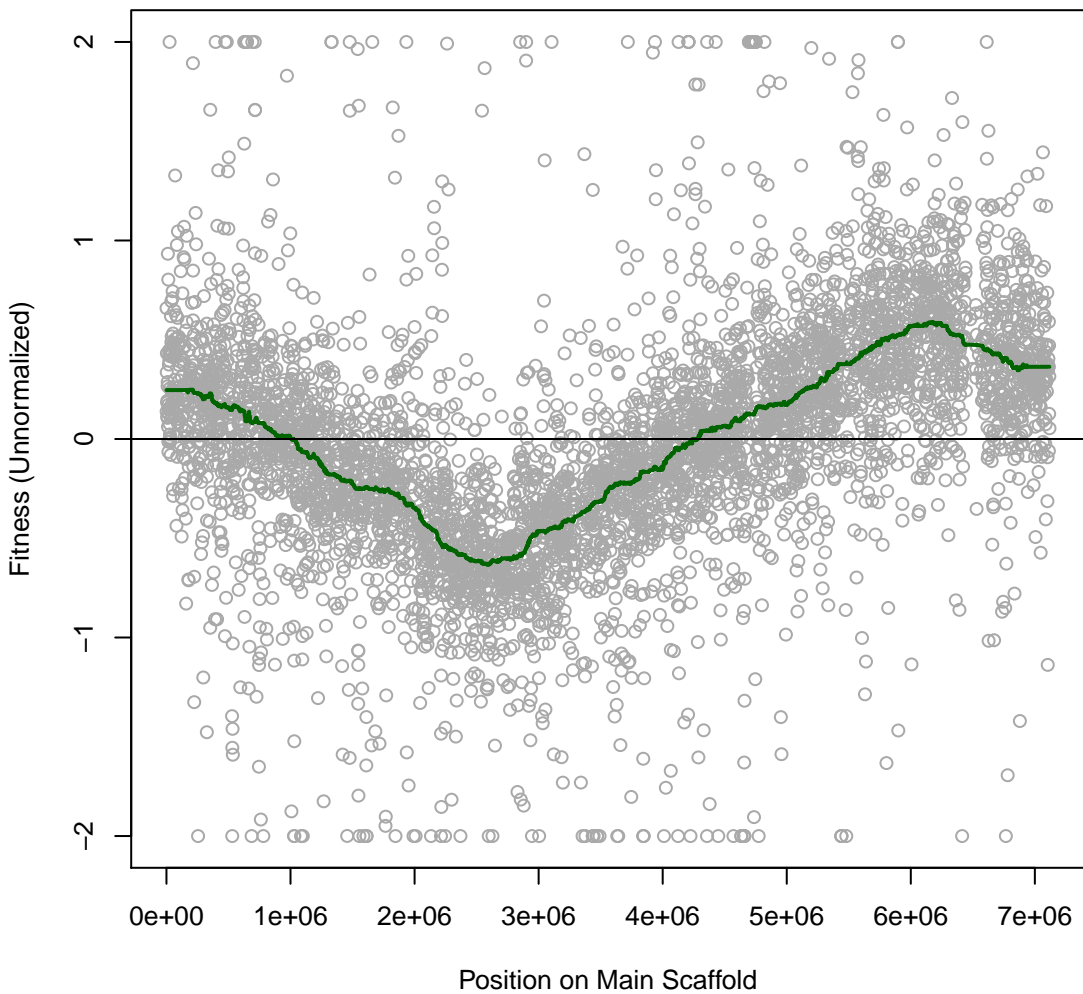
**pseudo5\_N2C3\_1 5IT059 #155 (gMed=175 rho12=0.195)**  
**1-ethyl-3-methylimidazolium acetate 10 mM**



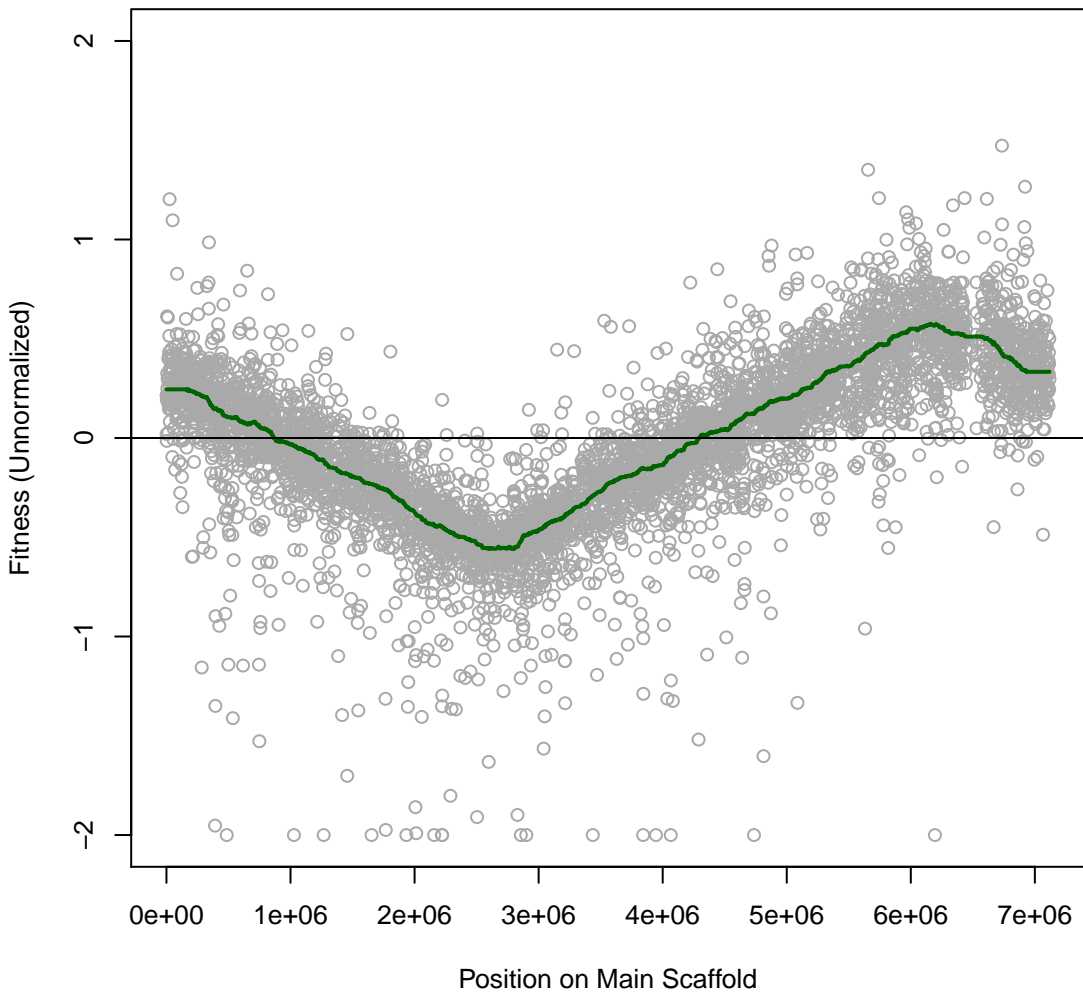
**pseudo5\_N2C3\_1 5IT060 #156 (gMed=176 rho12=0.202)**  
**1-ethyl-3-methylimidazolium acetate 20 mM**



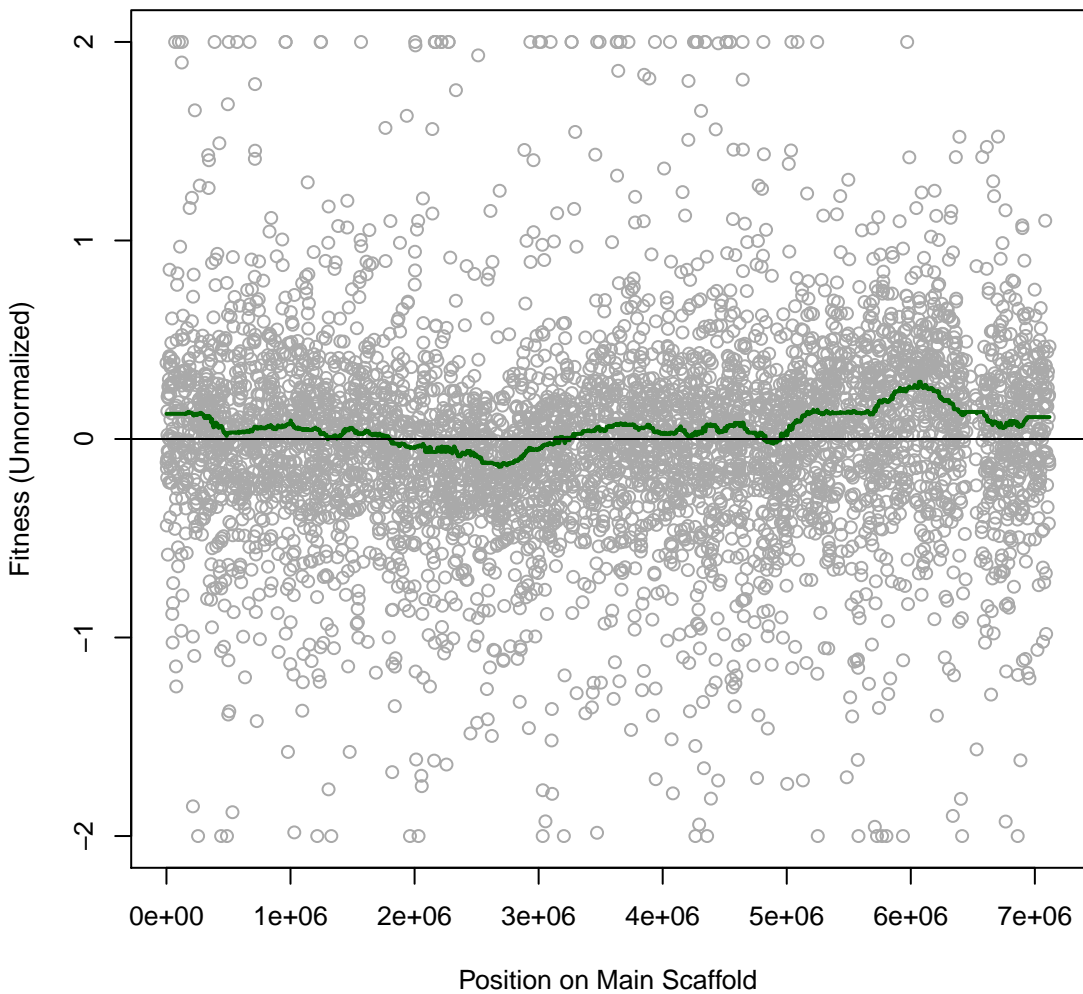
**pseudo5\_N2C3\_1 5IT061 #157 (gMed=166 rho12=0.222)**  
**1-ethyl-3-methylimidazolium chloride 200 mM**



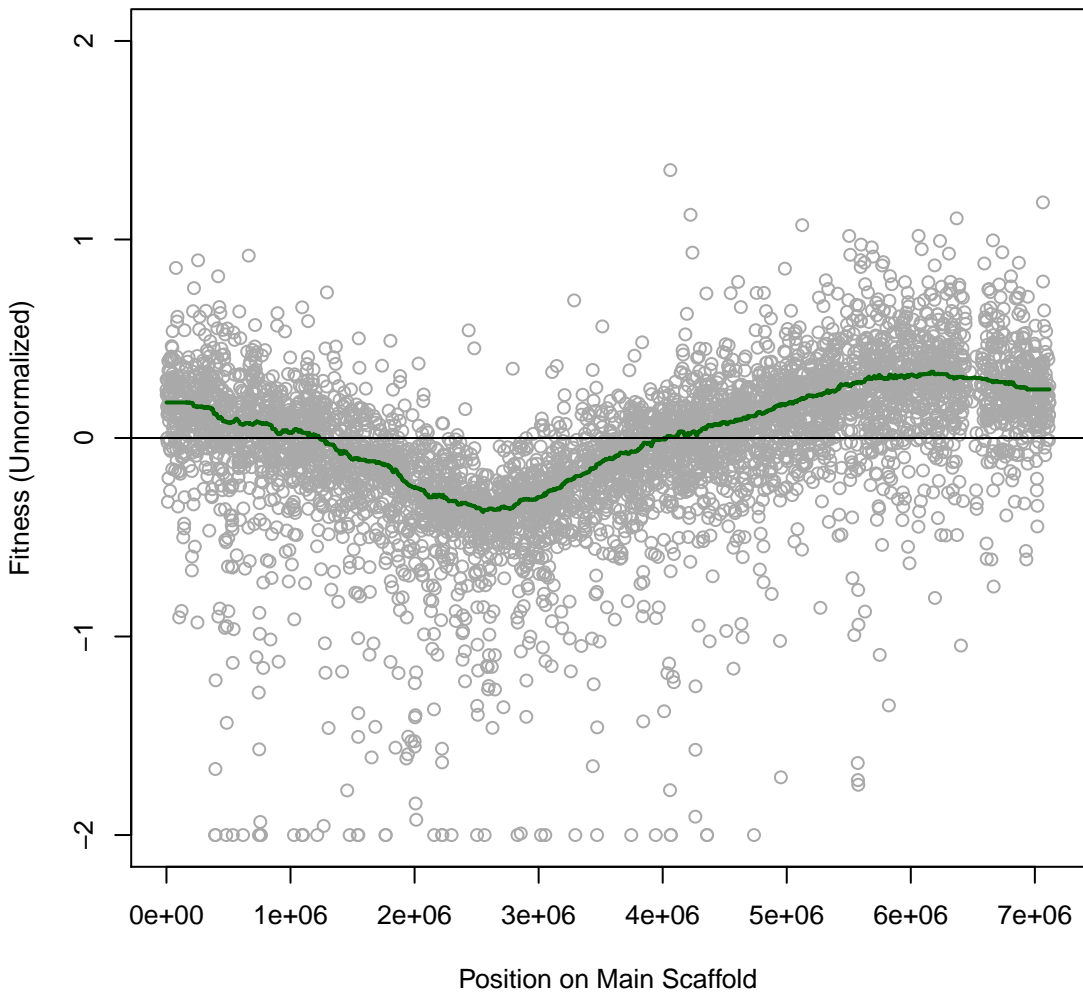
**pseudo5\_N2C3\_1 5IT062 #158 (gMed=192 rho12=0.090)**  
**LB**



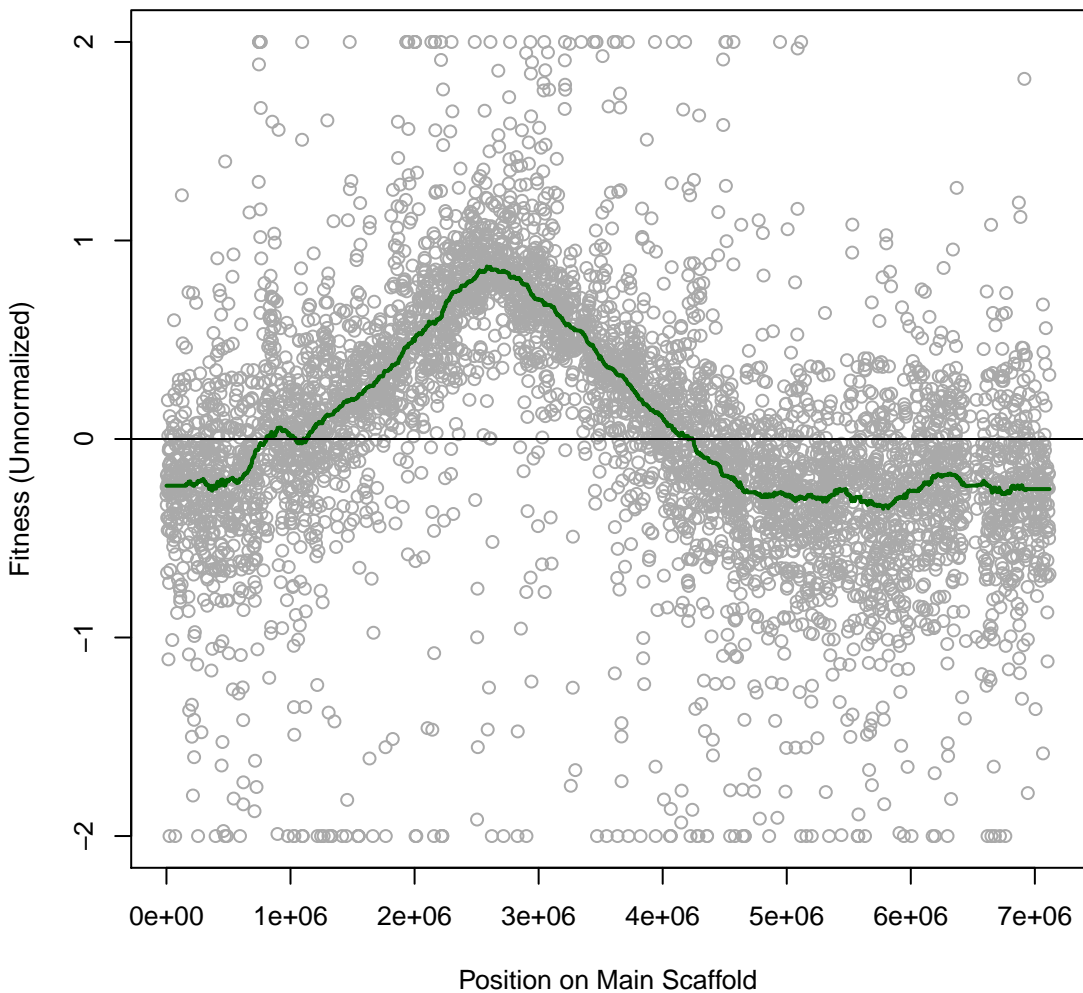
**pseudo5\_N2C3\_1 5IT063 #159 (gMed=30 rho12=0.164)**  
**Vancomycin 0.5 mg/ml**



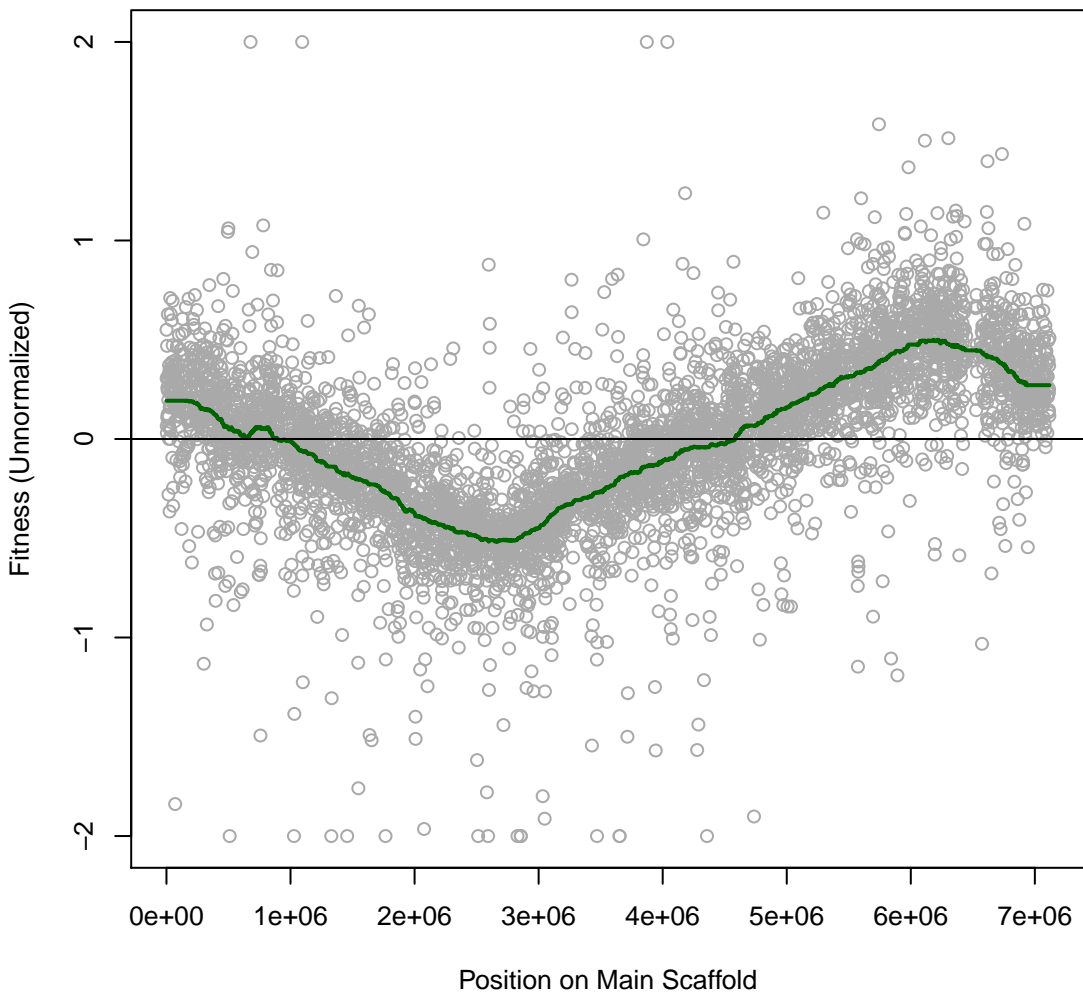
**pseudo5\_N2C3\_1 5IT064 #160 (gMed=154 rho12=0.158)**  
**Cephalothin 2 mg/ml**



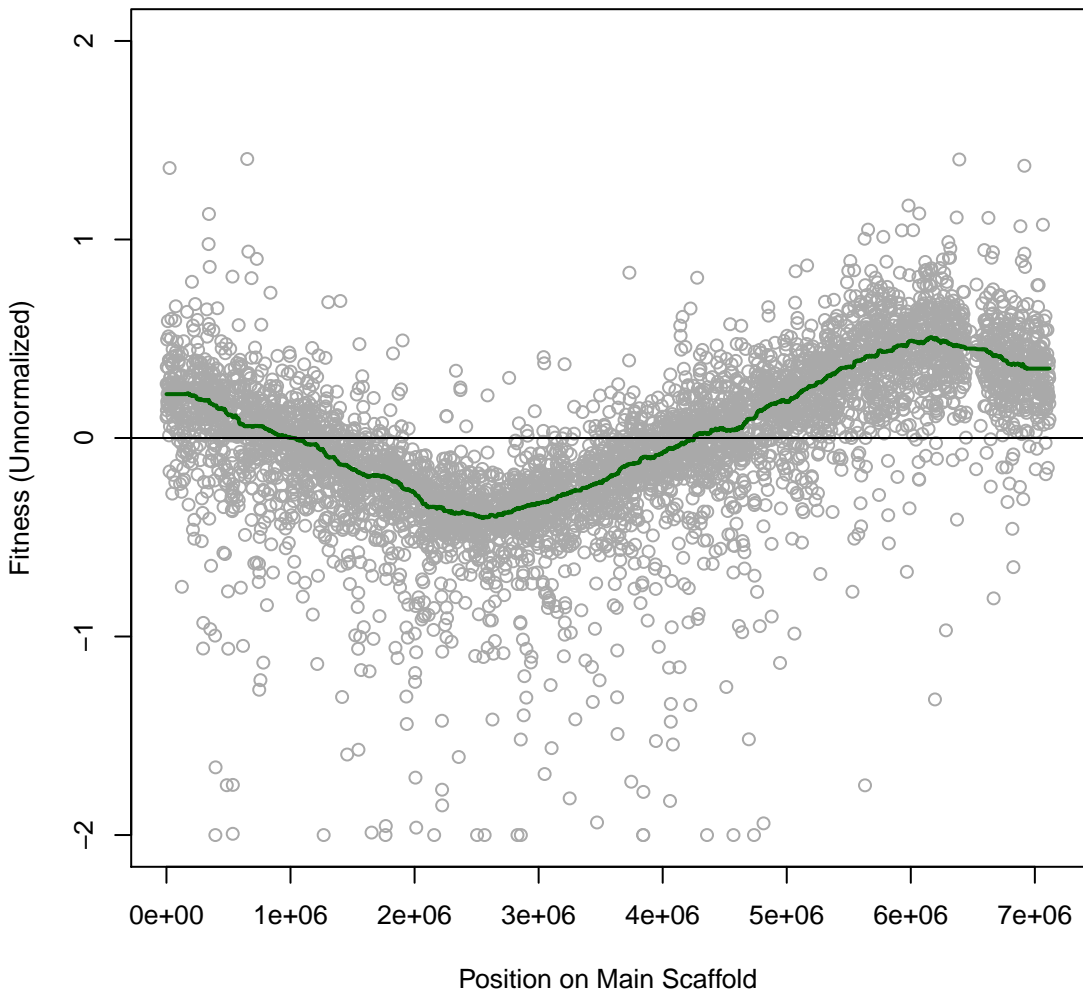
**pseudo5\_N2C3\_1 5IT065 #161 (gMed=91 rho12=0.264)**  
**Lomefloxacin 0.0005 mM**



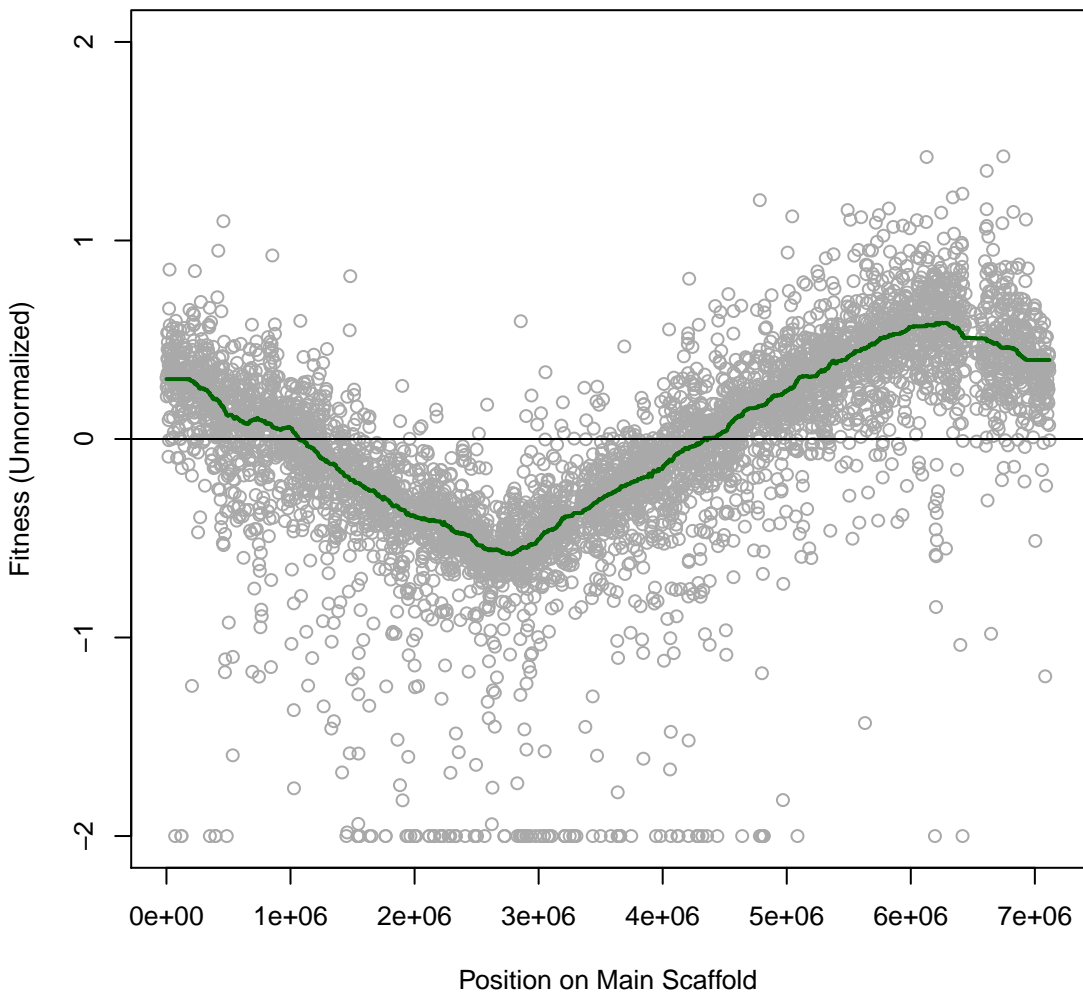
**pseudo5\_N2C3\_1 5IT067 #163 (gMed=164 rho12=0.118)**  
**Ceftazidime 0.2 mg/ml**



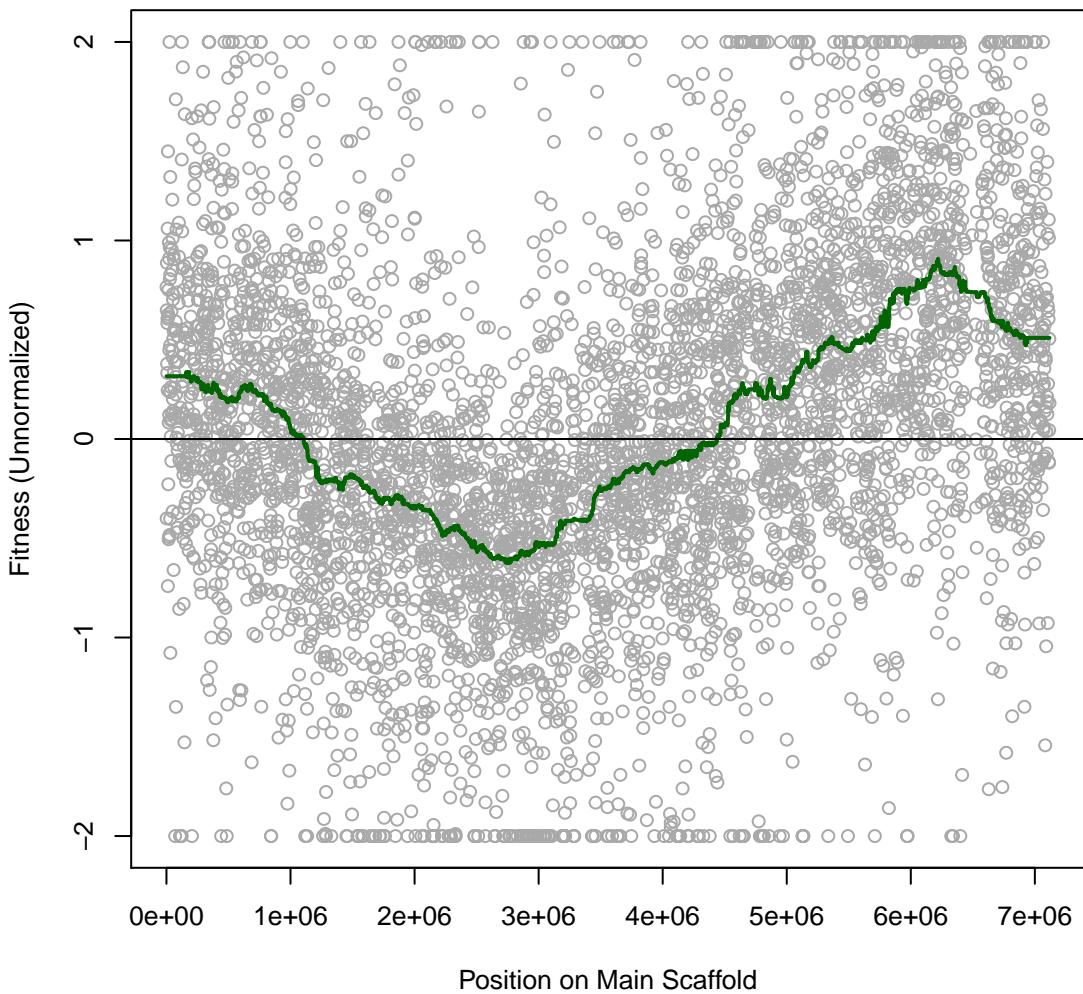
**pseudo5\_N2C3\_1 5IT068 #164 (gMed=157 rho12=0.133)**  
**LB**



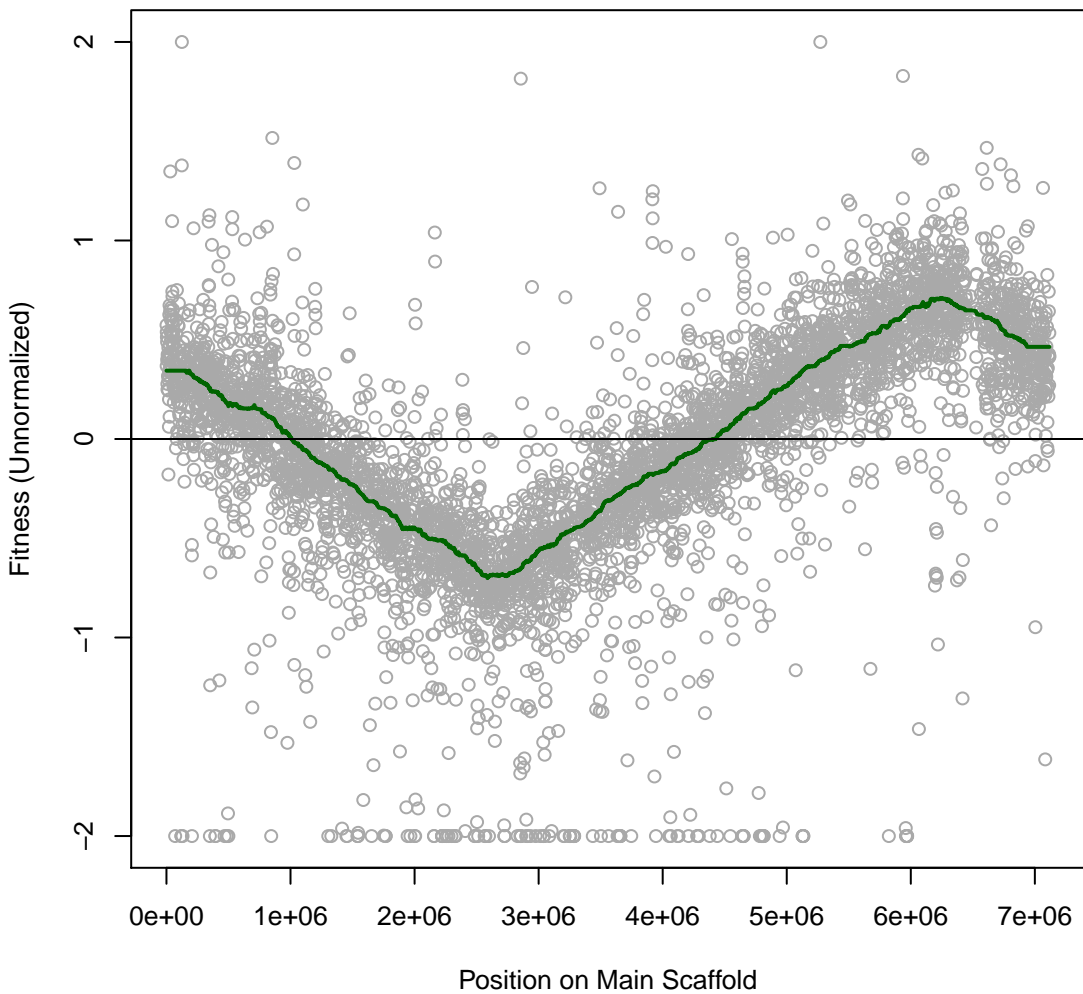
pseudo5\_N2C3\_1 5IT069 #165 (gMed=163 rho12=0.223)  
L-Alanine (C)



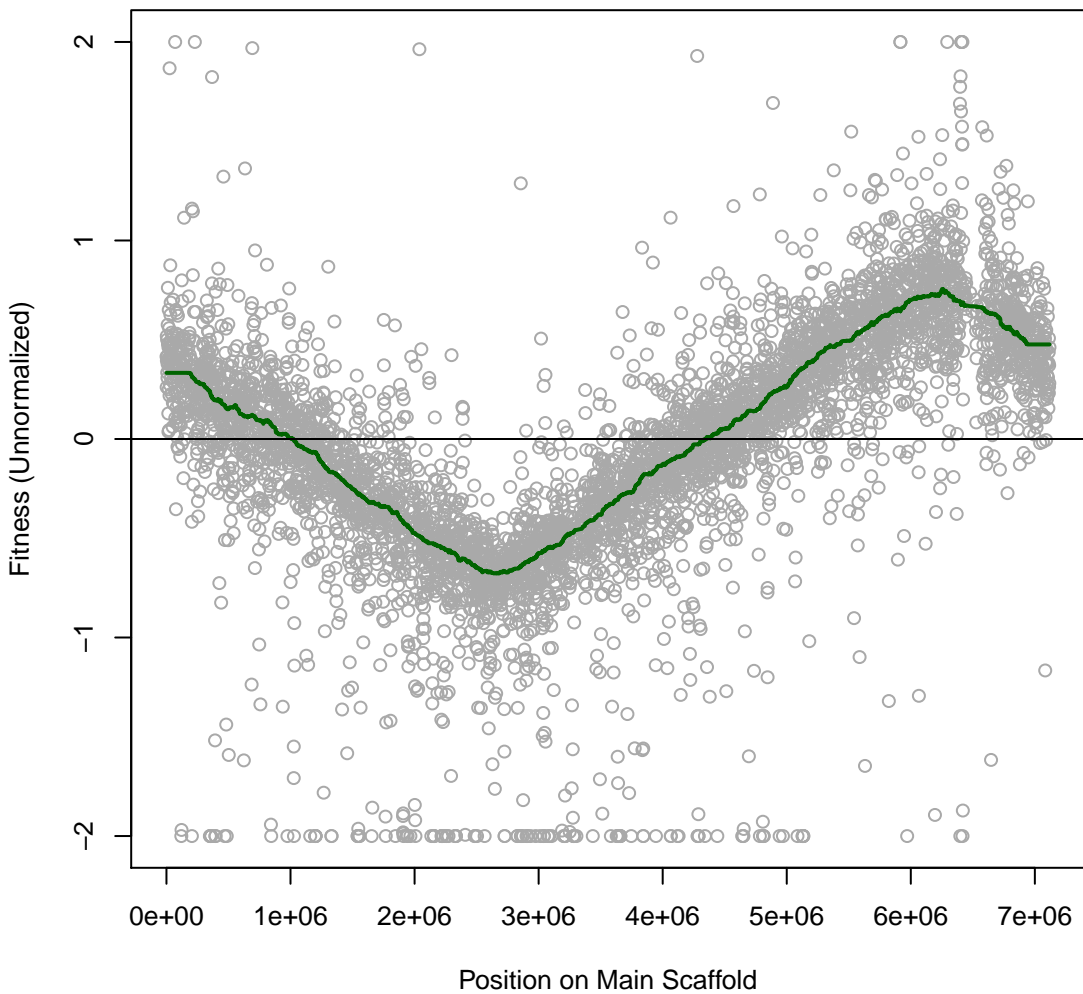
**pseudo5\_N2C3\_1 5IT070 #166 (gMed=115 rho12=0.173)**  
**L-Valine (C)**



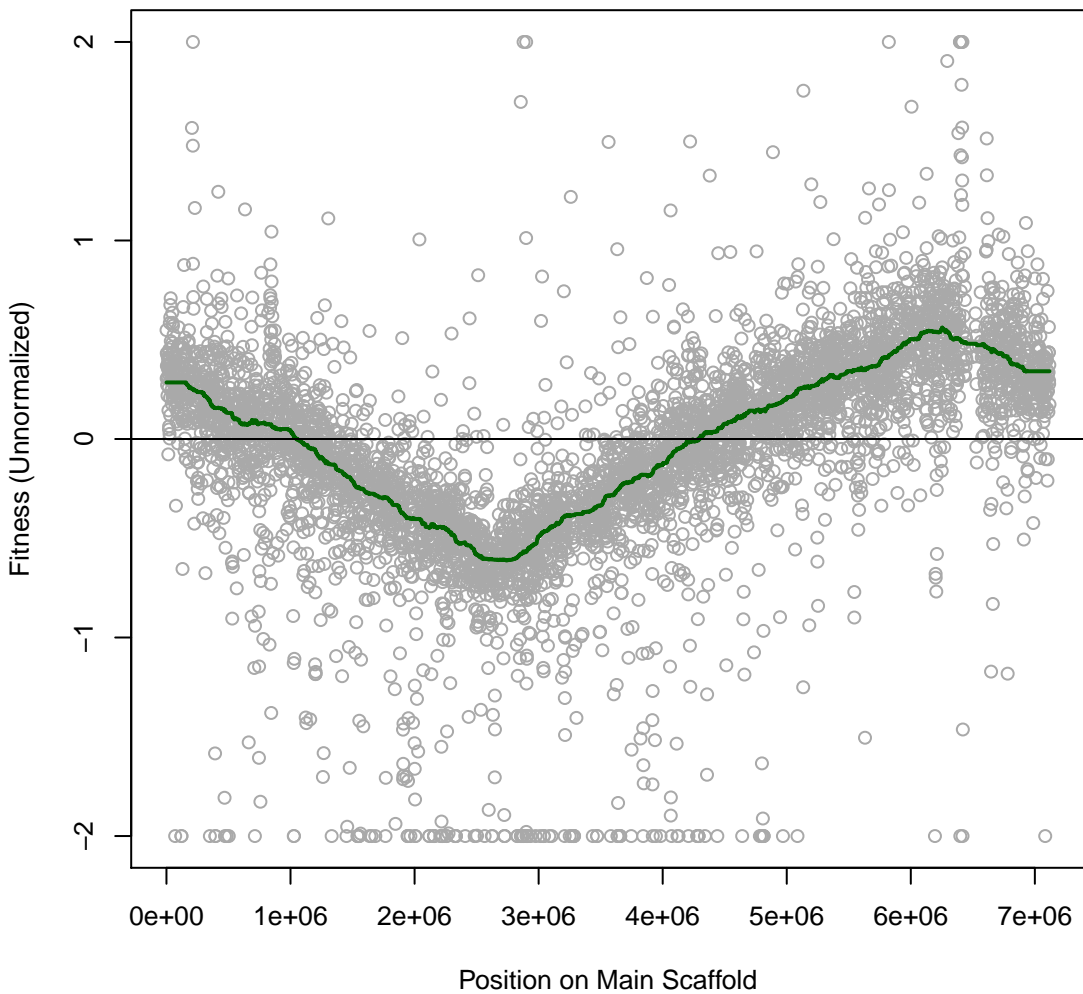
**pseudo5\_N2C3\_1 5IT071 #167 (gMed=165 rho12=0.307)**  
**L-Isoleucine (C)**



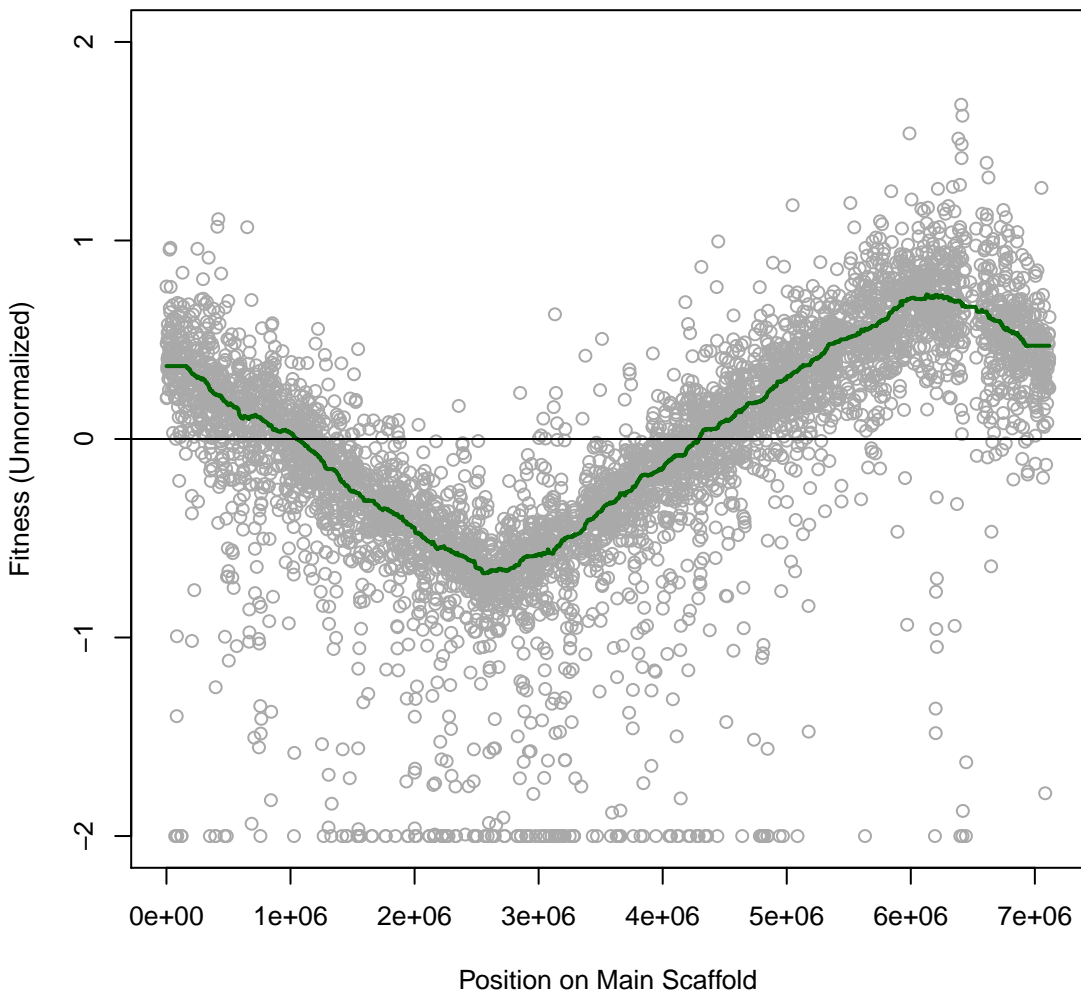
pseudo5\_N2C3\_1 5IT072 #168 (gMed=150 rho12=0.289)  
L-Leucine (C)



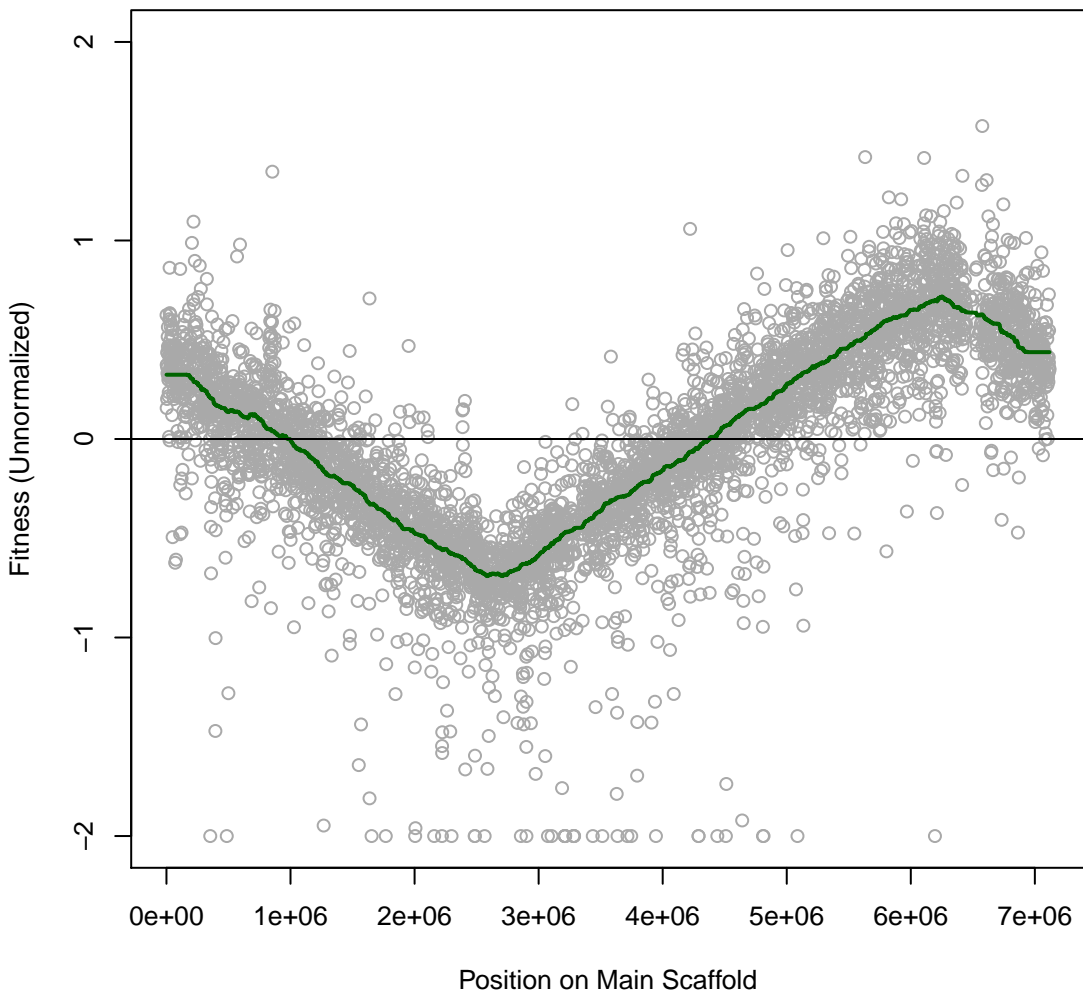
pseudo5\_N2C3\_1 5IT073 #169 (gMed=163 rho12=0.297)  
D-Alanine (C)



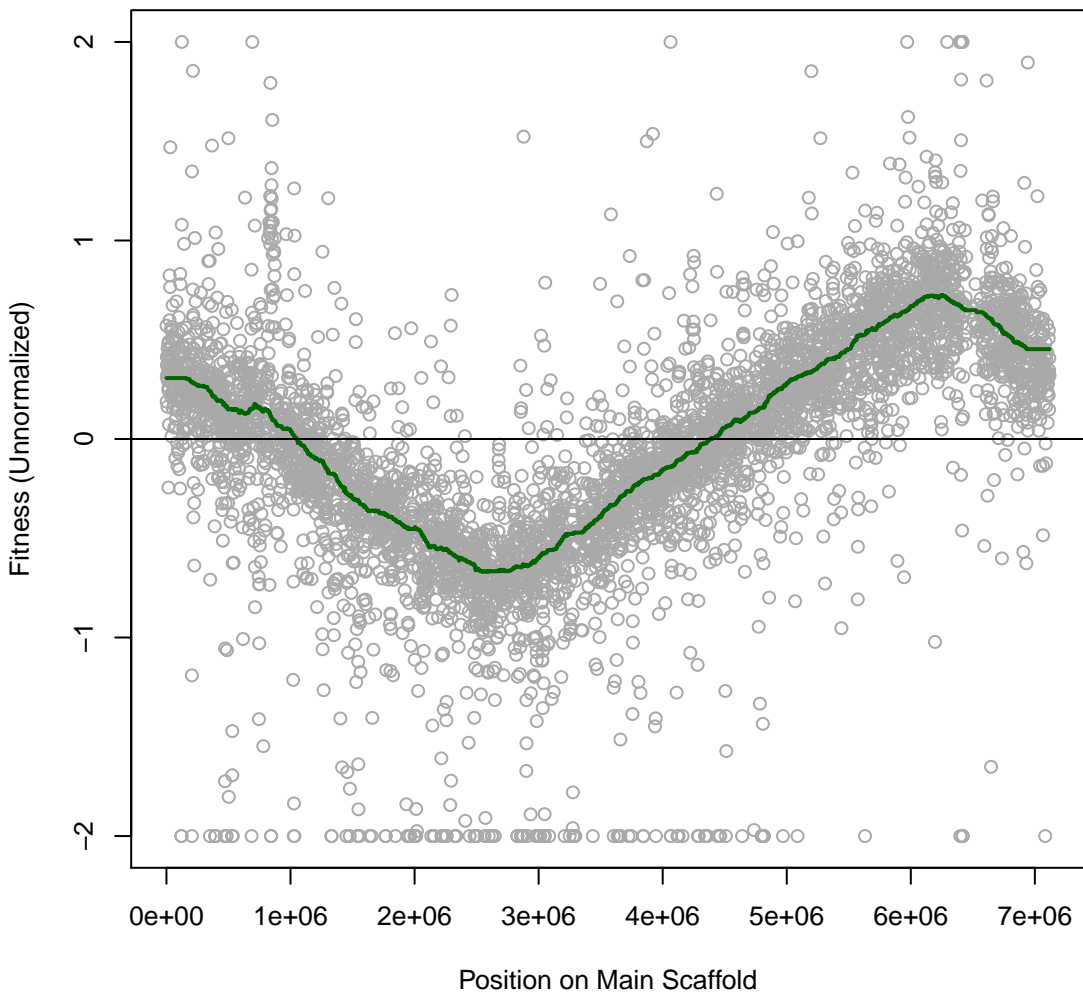
**pseudo5\_N2C3\_1 5IT074 #170 (gMed=142 rho12=0.291)**  
**Carnitine Hydrochloride (C)**



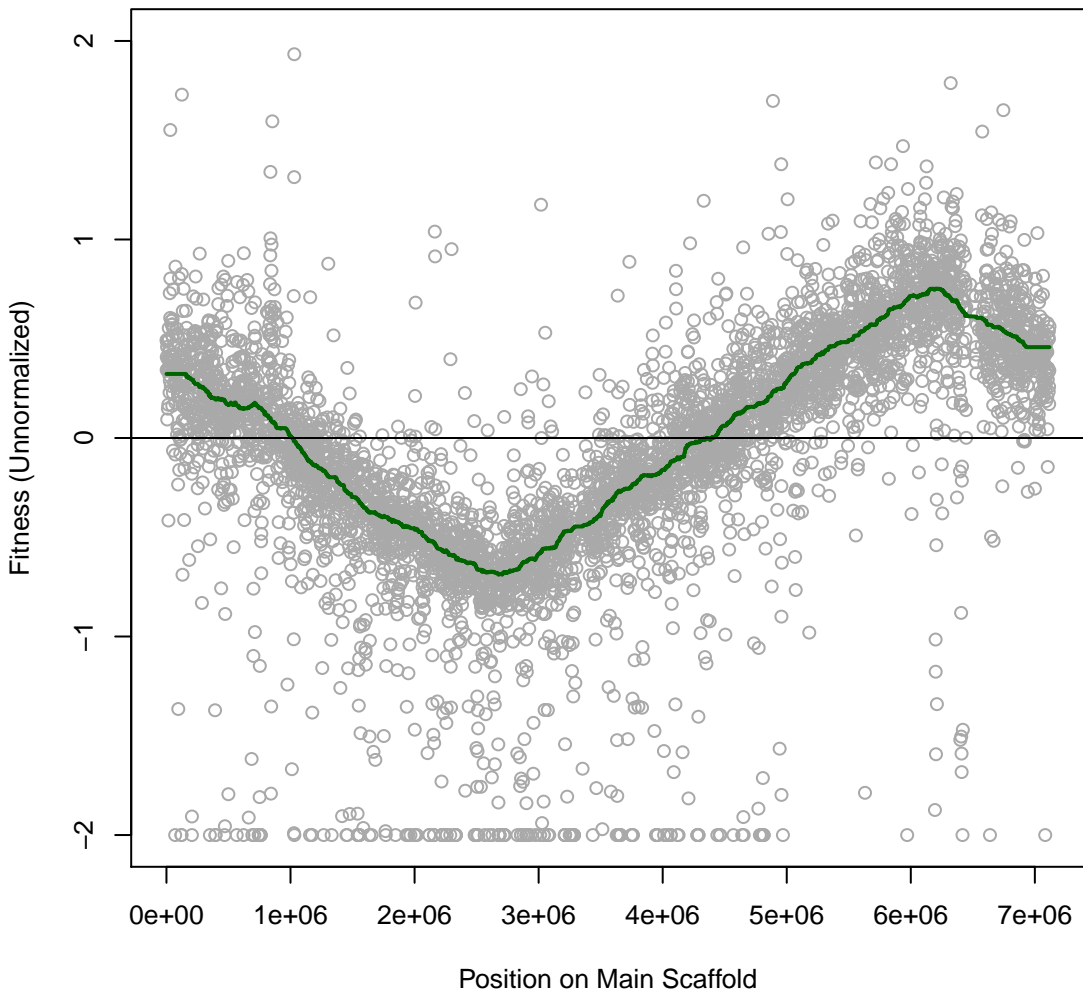
**pseudo5\_N2C3\_1 5IT075 #171 (gMed=162 rho12=0.135)**  
**casaminos (C)**



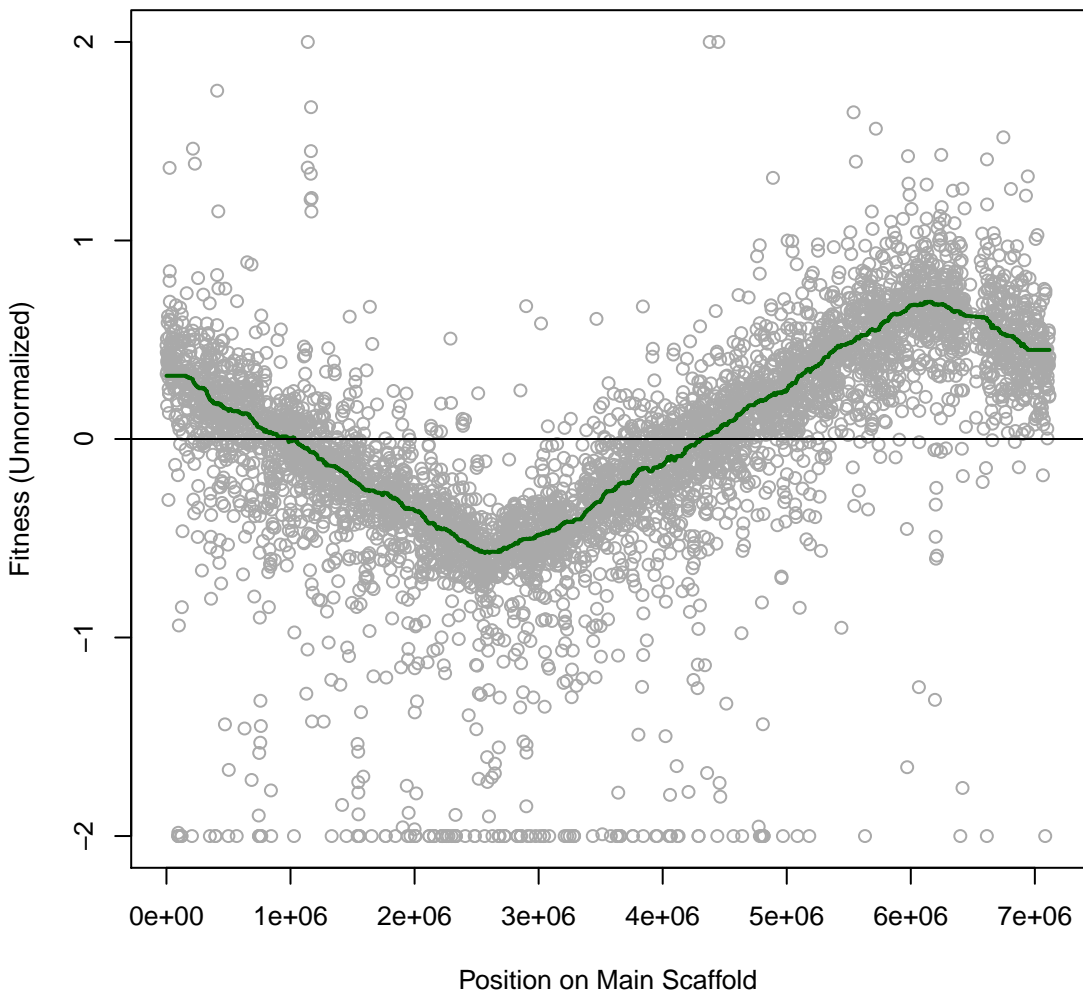
**pseudo5\_N2C3\_1 5IT076 #172 (gMed=162 rho12=0.325)**  
**Putrescine (C)**



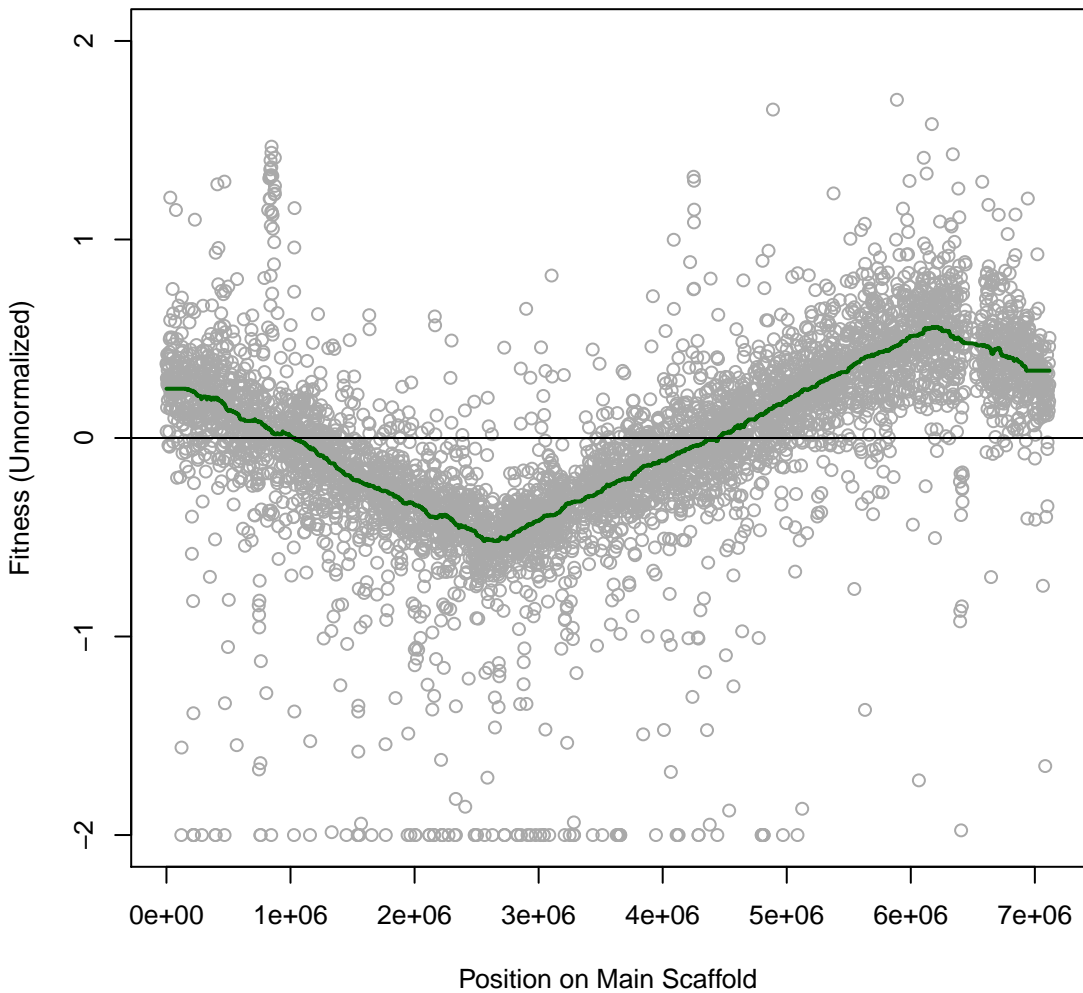
**pseudo5\_N2C3\_1 5IT077 #173 (gMed=169 rho12=0.320)**  
**NAG (C)**



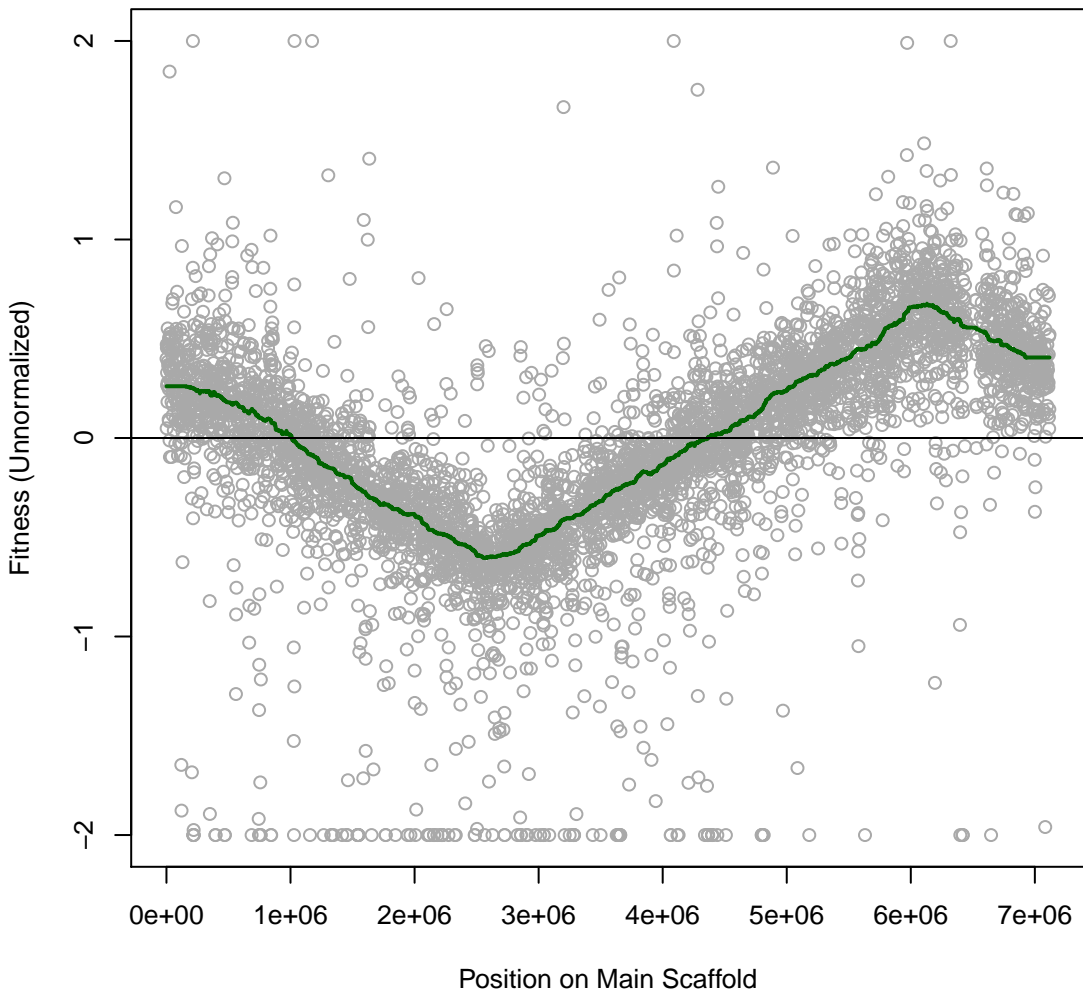
**pseudo5\_N2C3\_1 5IT078 #174 (gMed=171 rho12=0.274)**  
**D-Glucosamine Hydrochloride (C)**



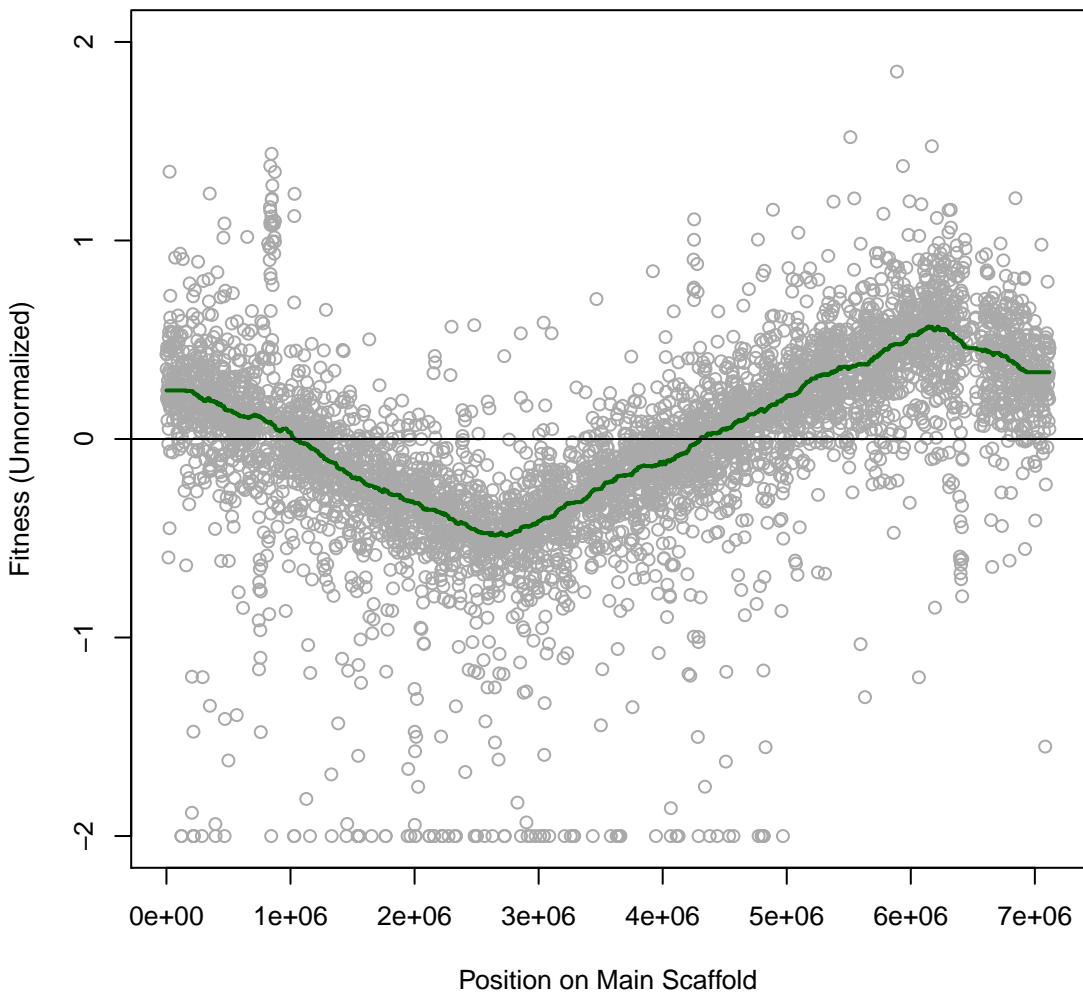
**pseudo5\_N2C3\_1 5IT079 #175 (gMed=187 rho12=0.226)**  
**Uridine (C)**



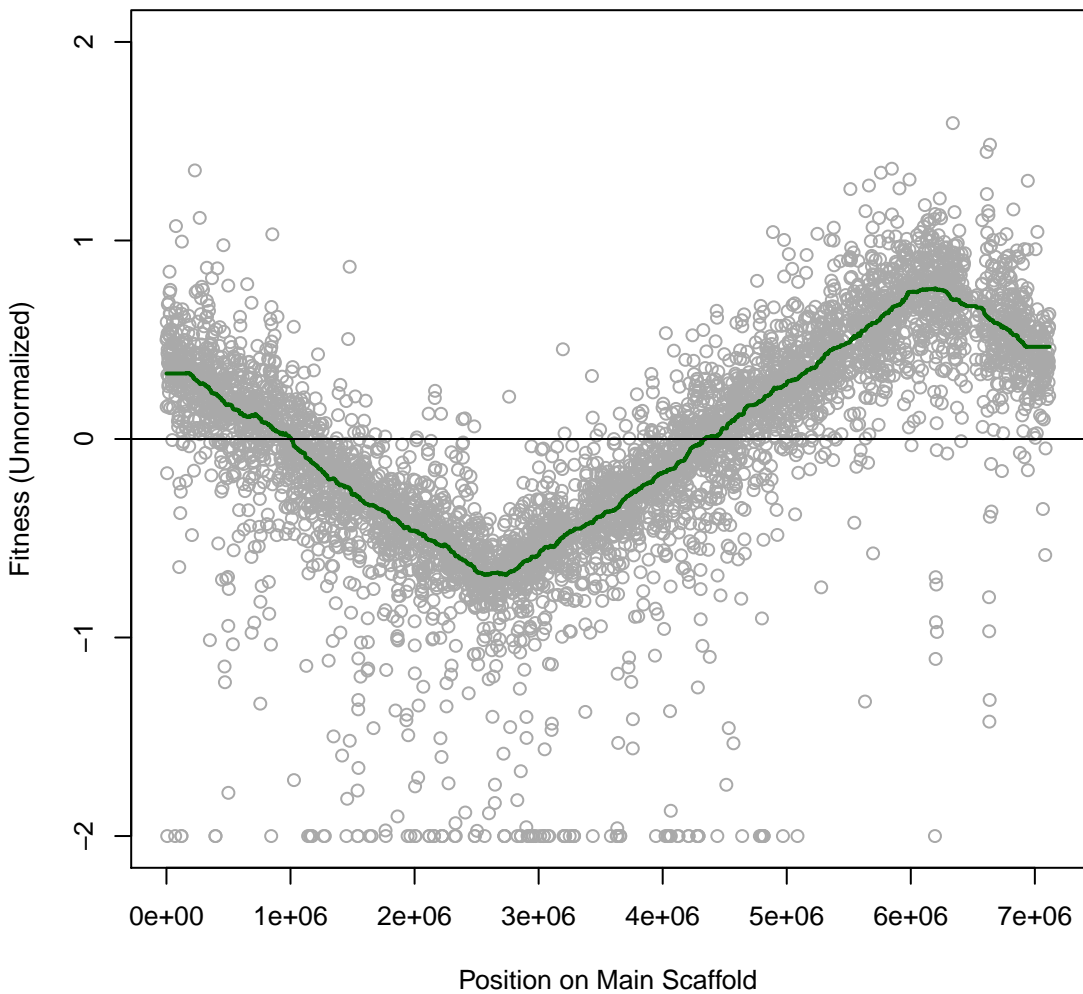
**pseudo5\_N2C3\_1 5IT080 #176 (gMed=170 rho12=0.289)**  
**Inosine (C)**



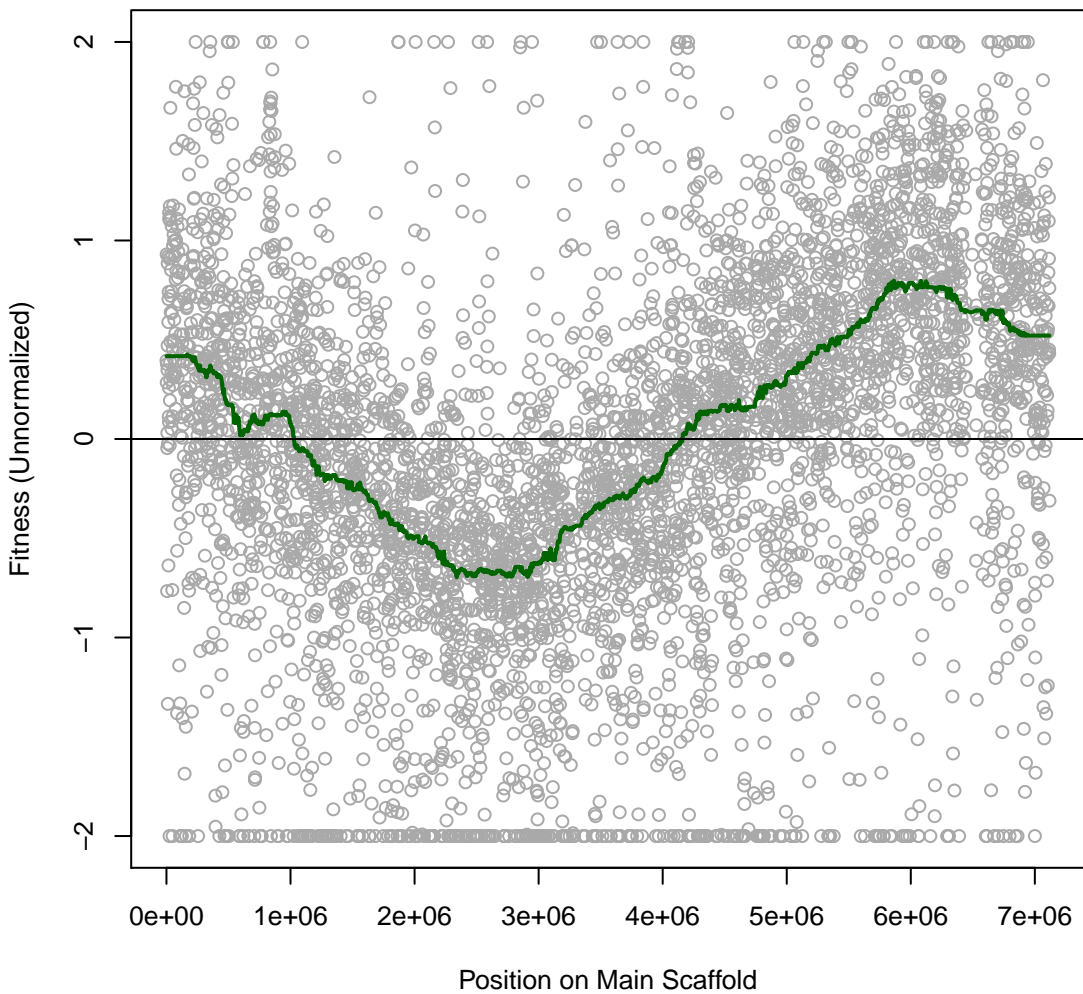
**pseudo5\_N2C3\_1 5IT081 #177 (gMed=140 rho12=0.243)**  
**Cytidine (C)**



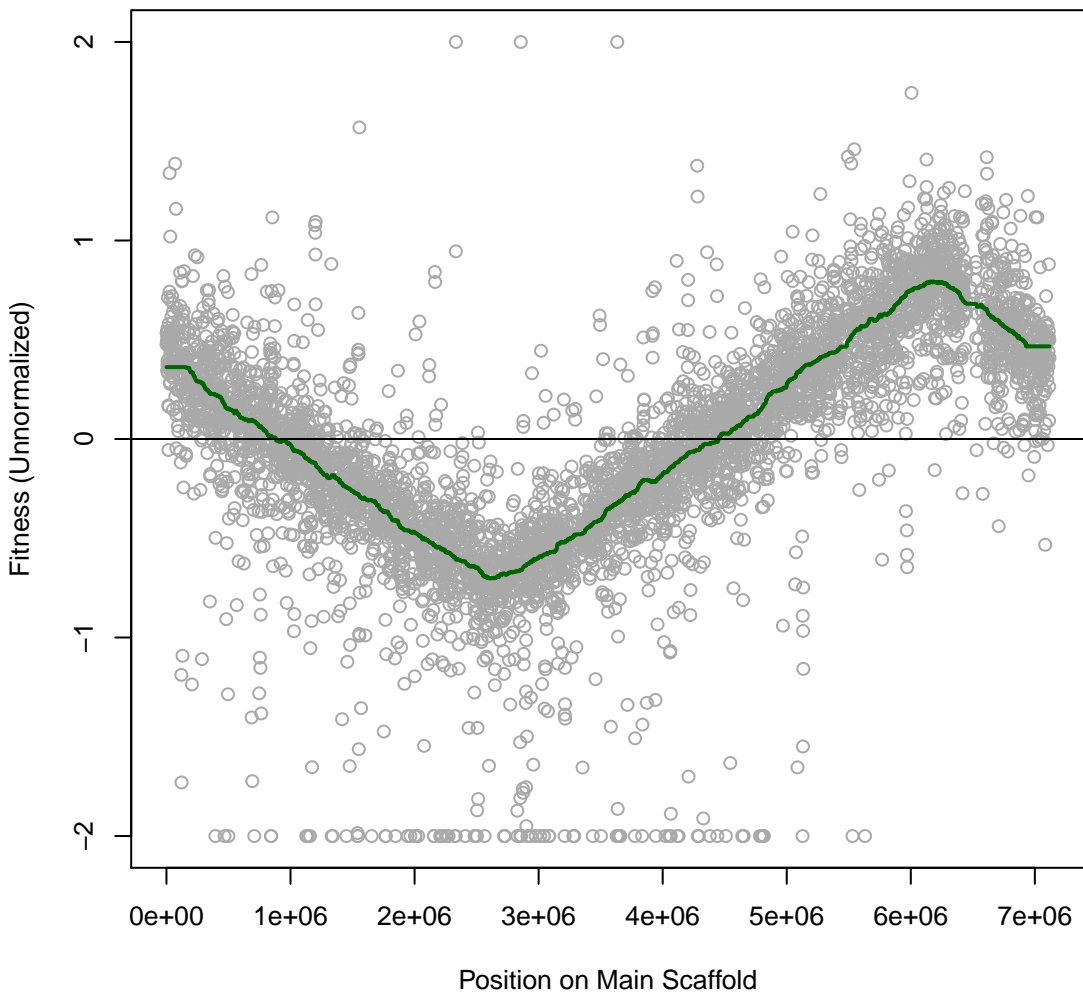
**pseudo5\_N2C3\_1 5IT082 #178 (gMed=163 rho12=0.206)**  
**D-Mannose (C)**



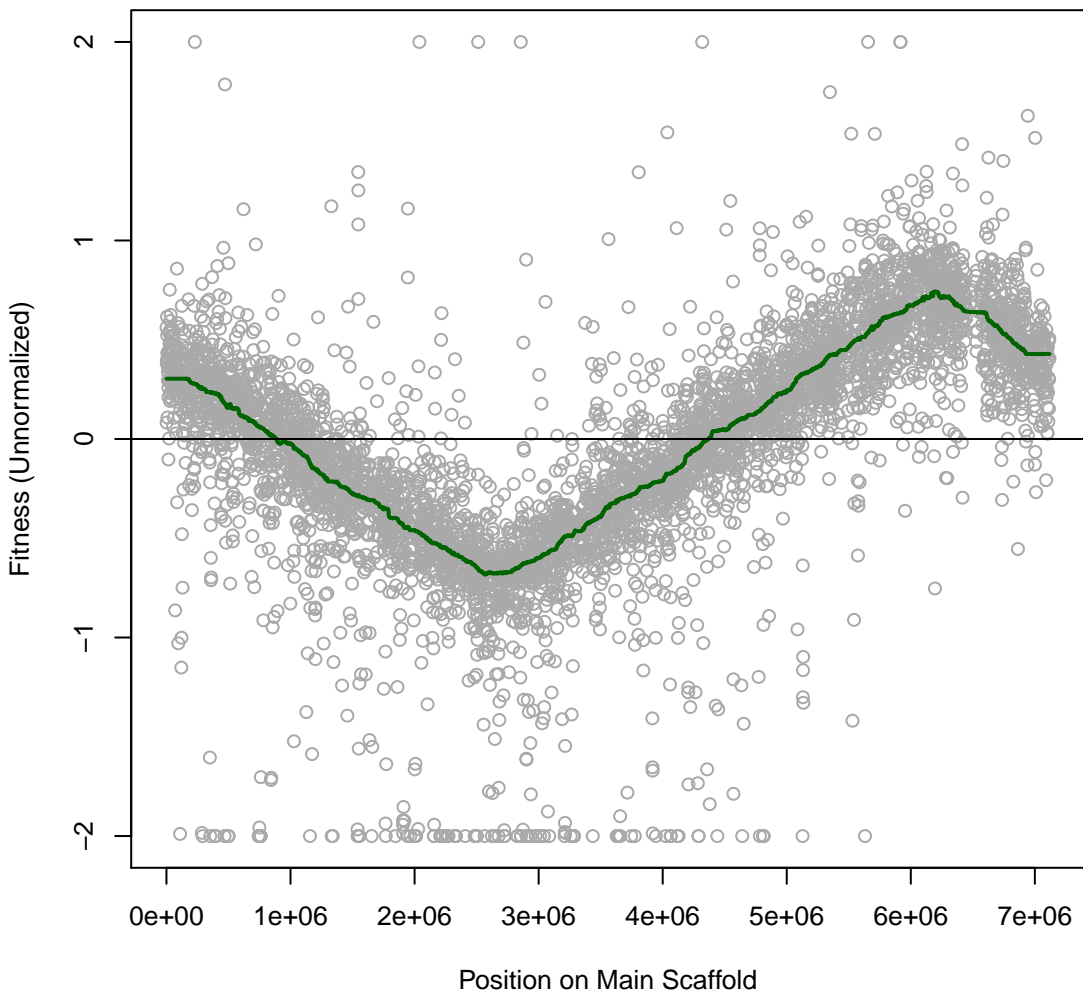
**pseudo5\_N2C3\_1 5IT083 #179 (gMed=165 rho12=0.192)**  
**octanoate (C)**



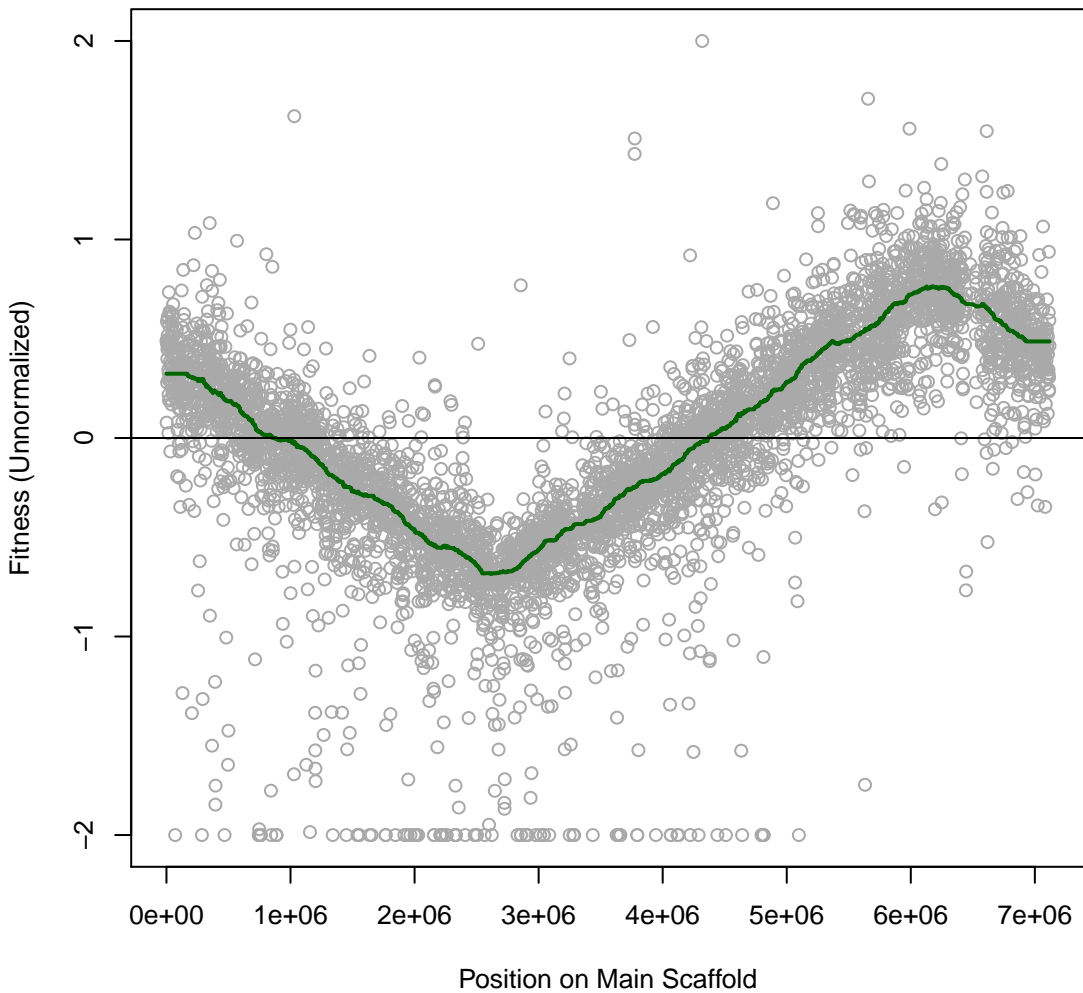
**pseudo5\_N2C3\_1 5IT084 #180 (gMed=174 rho12=0.287)**  
**L-Isoleucine (N)**



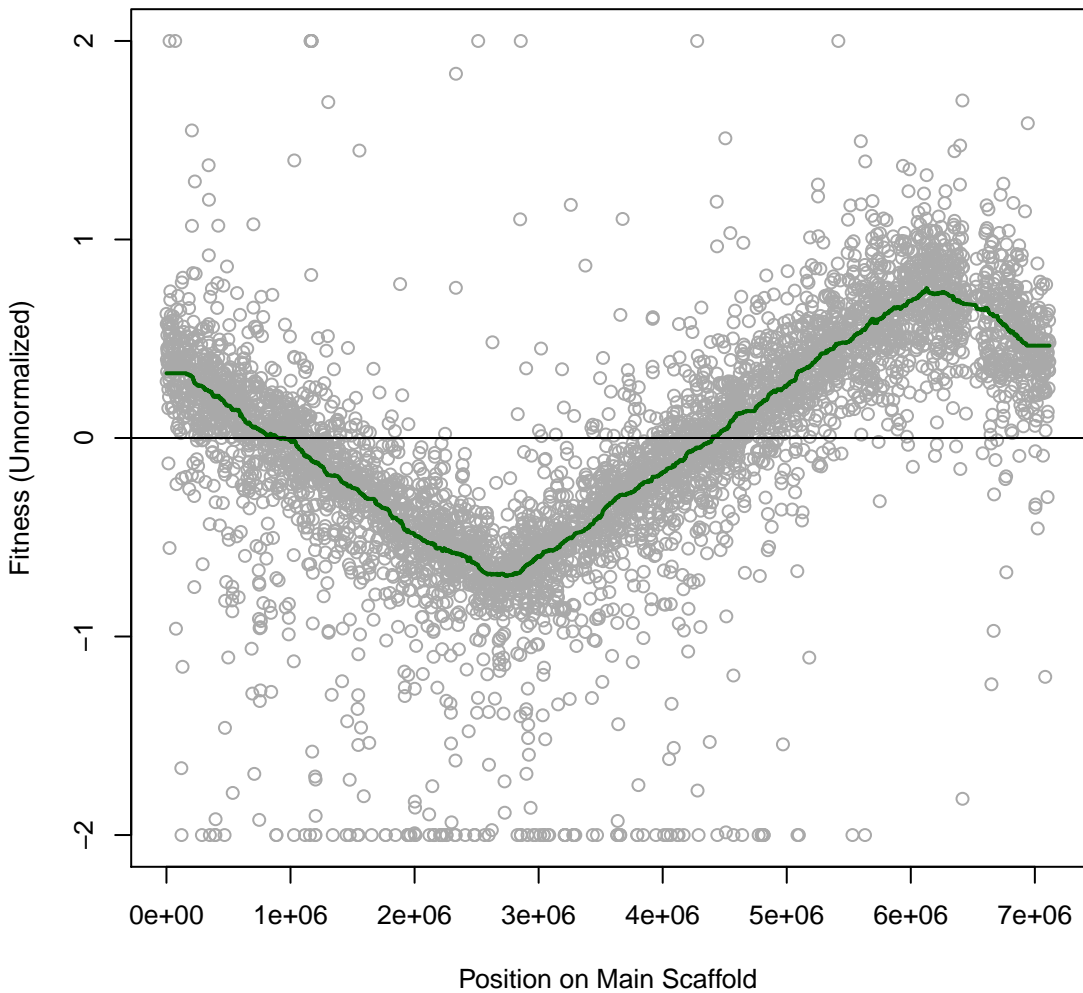
**pseudo5\_N2C3\_1 5IT085 #181 (gMed=172 rho12=0.273)**  
**L-Leucine (N)**



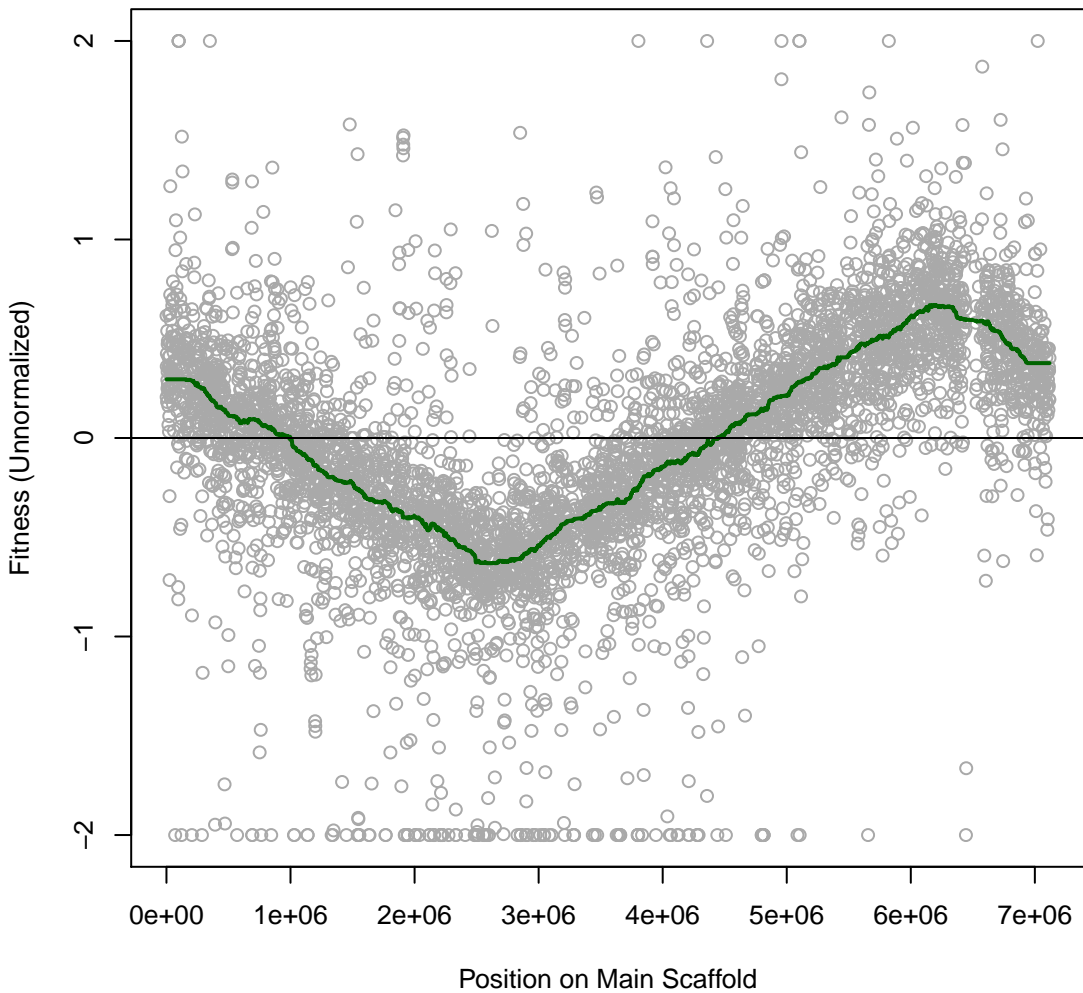
**pseudo5\_N2C3\_1 5IT086 #182 (gMed=173 rho12=0.208)**  
**L-Phenylalanine (N)**



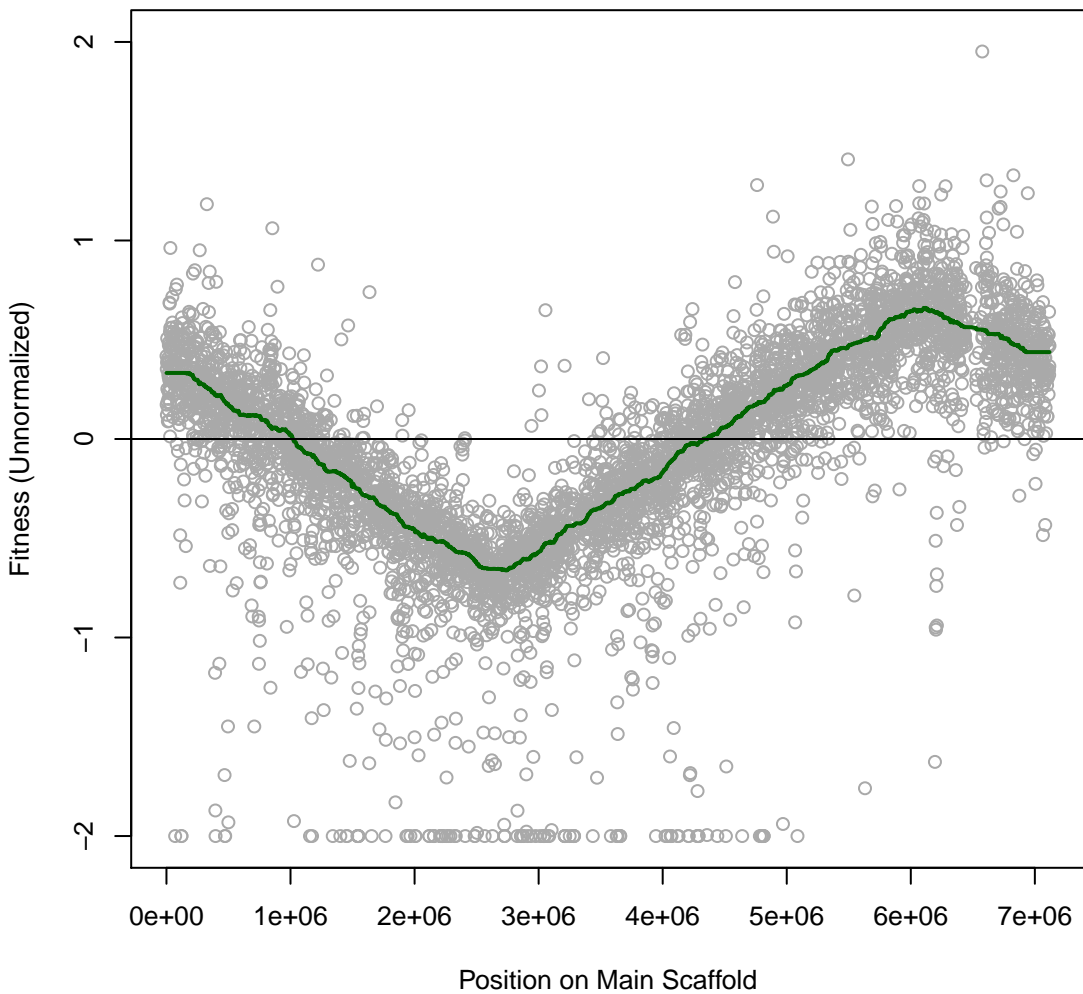
**pseudo5\_N2C3\_1 5IT087 #183 (gMed=149 rho12=0.241)**  
**L-tyrosine (N)**



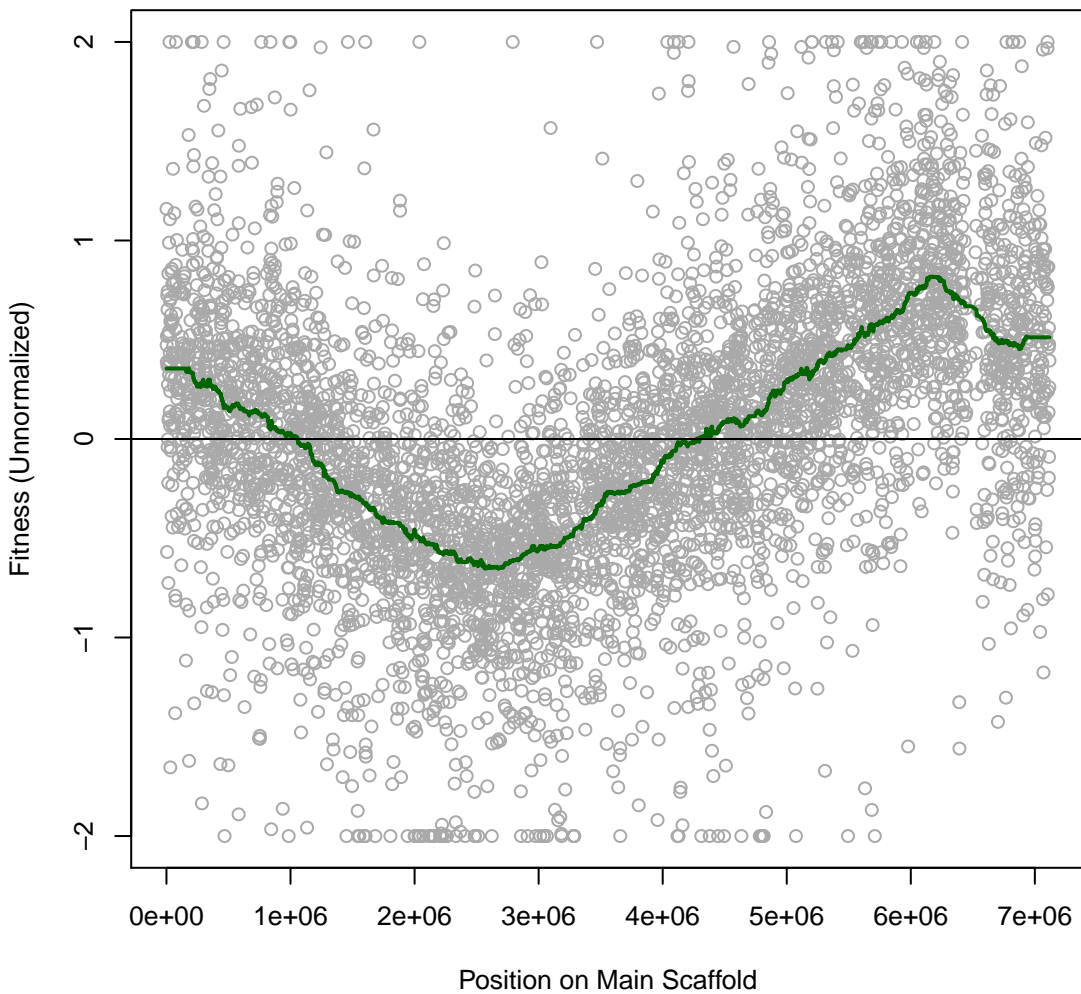
**pseudo5\_N2C3\_1 5IT088 #184 (gMed=97 rho12=0.292)**  
**D-Serine (N)**



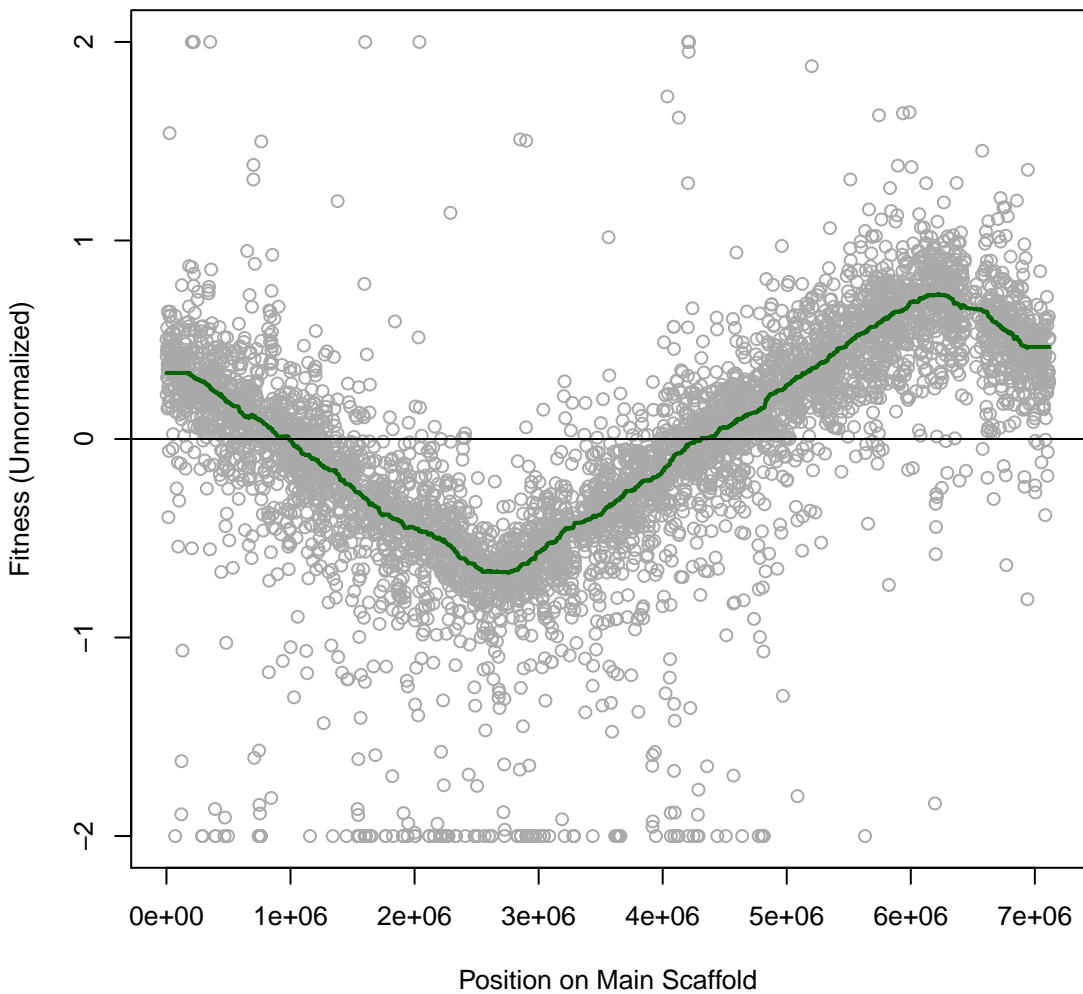
**pseudo5\_N2C3\_1 5IT089 #185 (gMed=132 rho12=0.172)**  
**D-Alanine (N)**



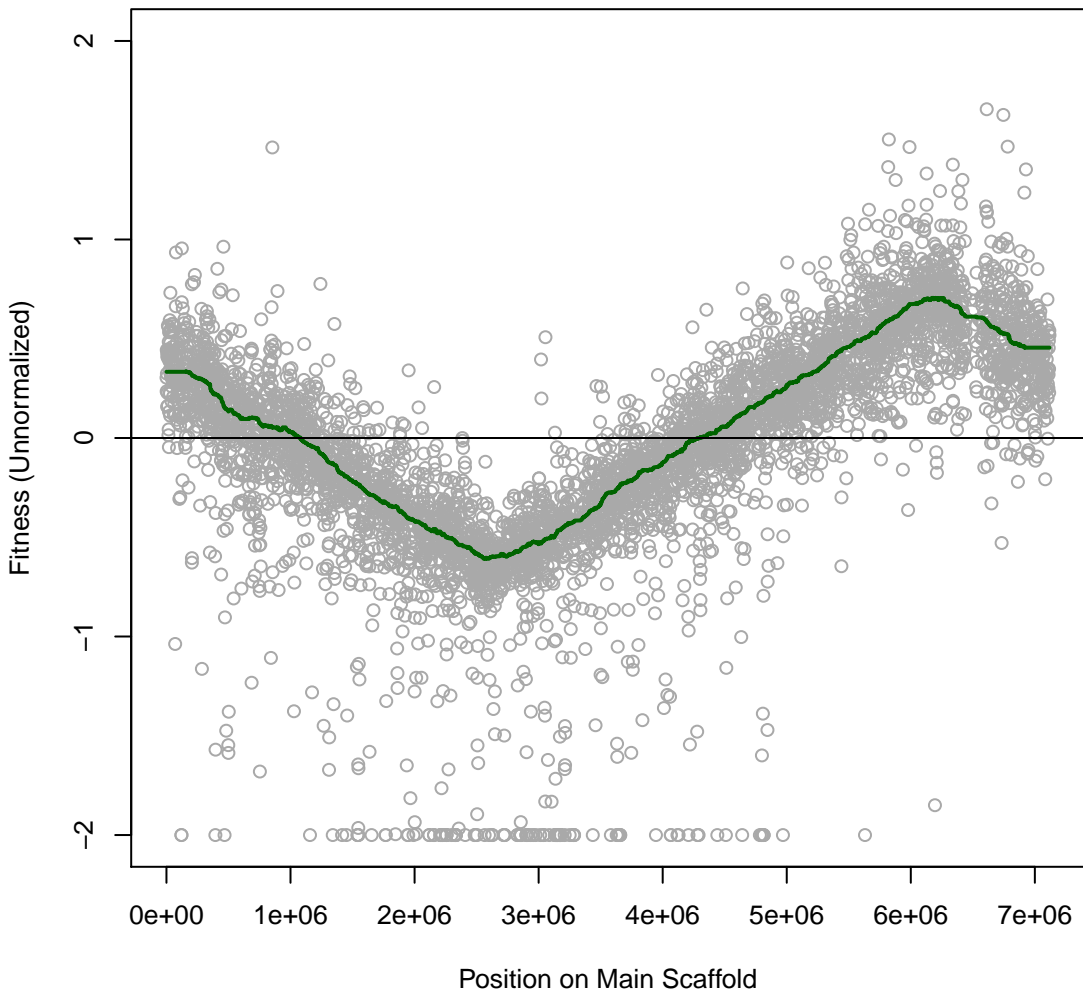
pseudo5\_N2C3\_1 5IT090 #186 (gMed=32 rho12=0.061)  
Gly-DL-Asp (N)



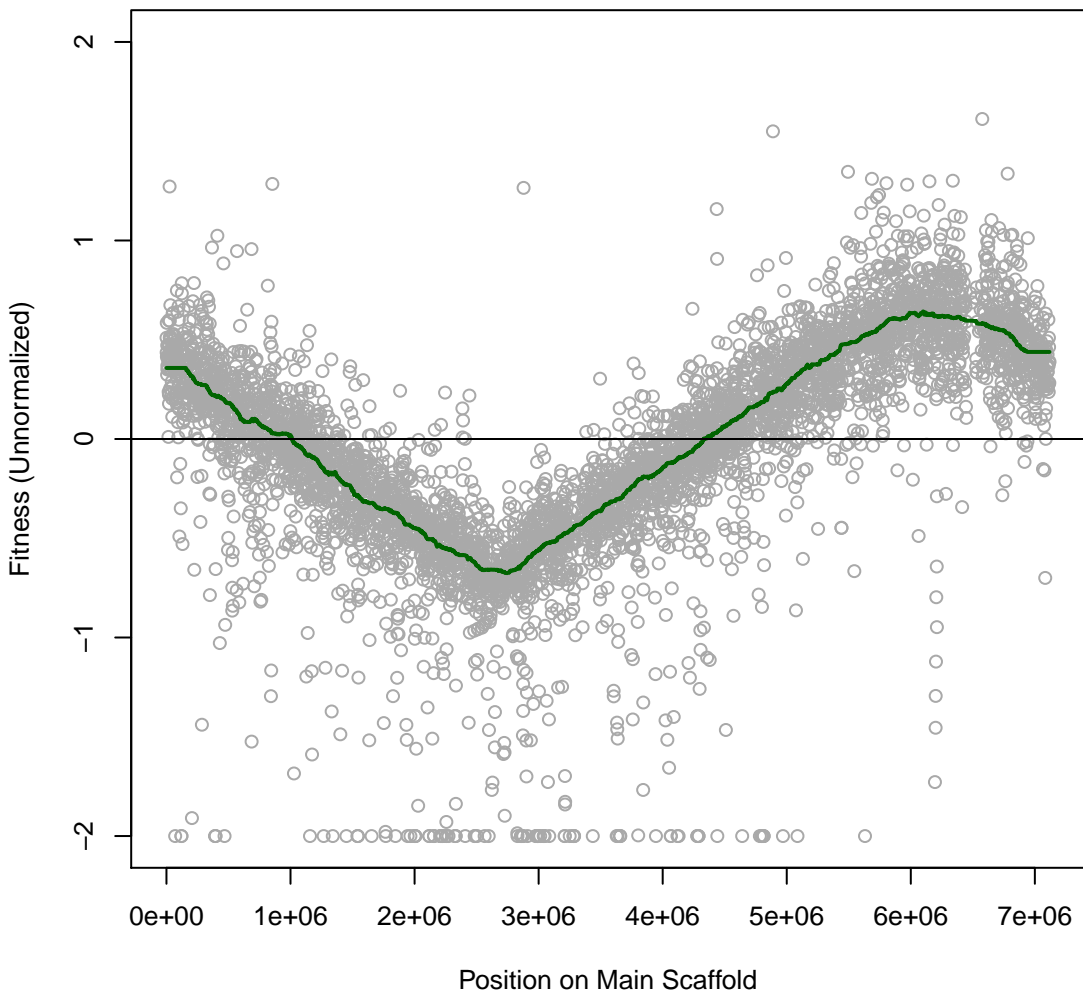
pseudo5\_N2C3\_1 5IT091 #187 (gMed=145 rho12=0.251)  
Gly-Glu (N)



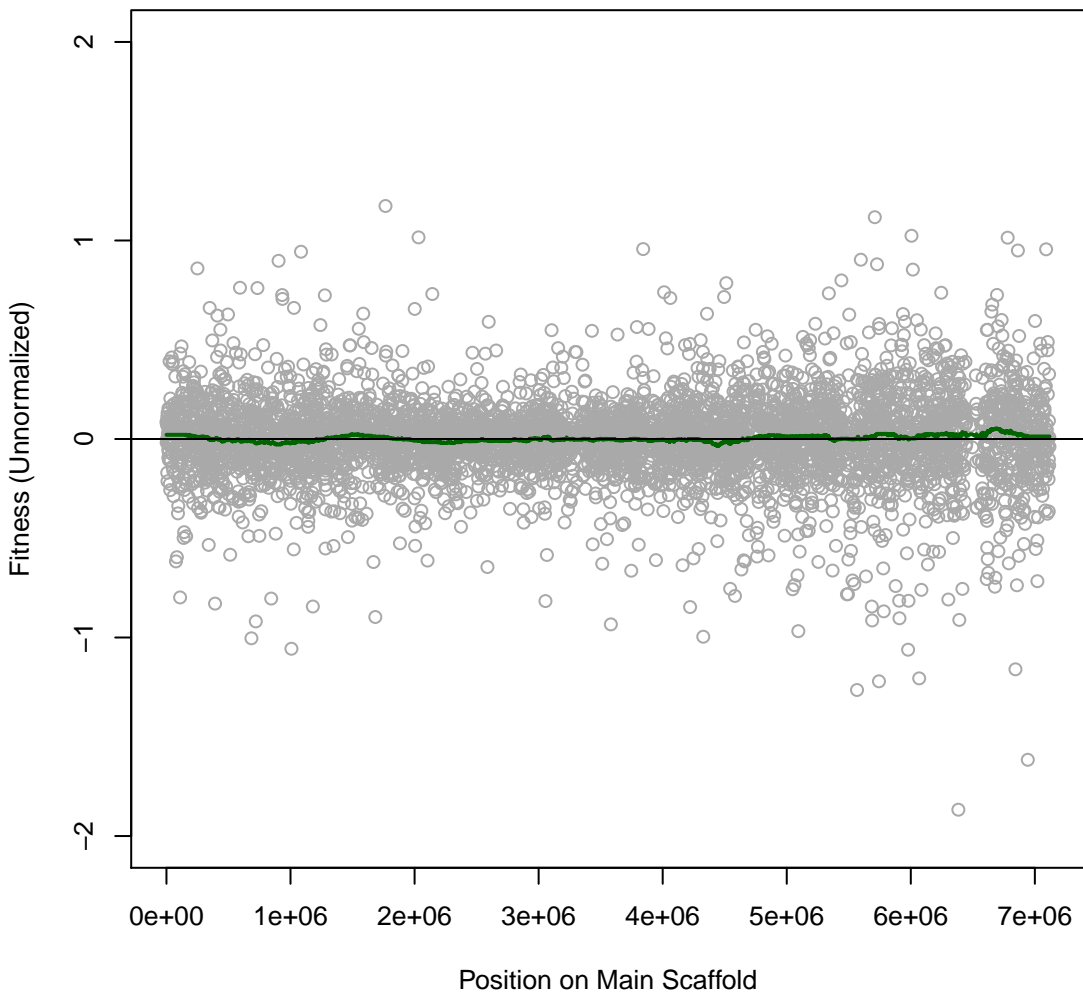
**pseudo5\_N2C3\_1 5IT092 #188 (gMed=171 rho12=0.227)**  
**Carnitine Hydrochloride (N)**



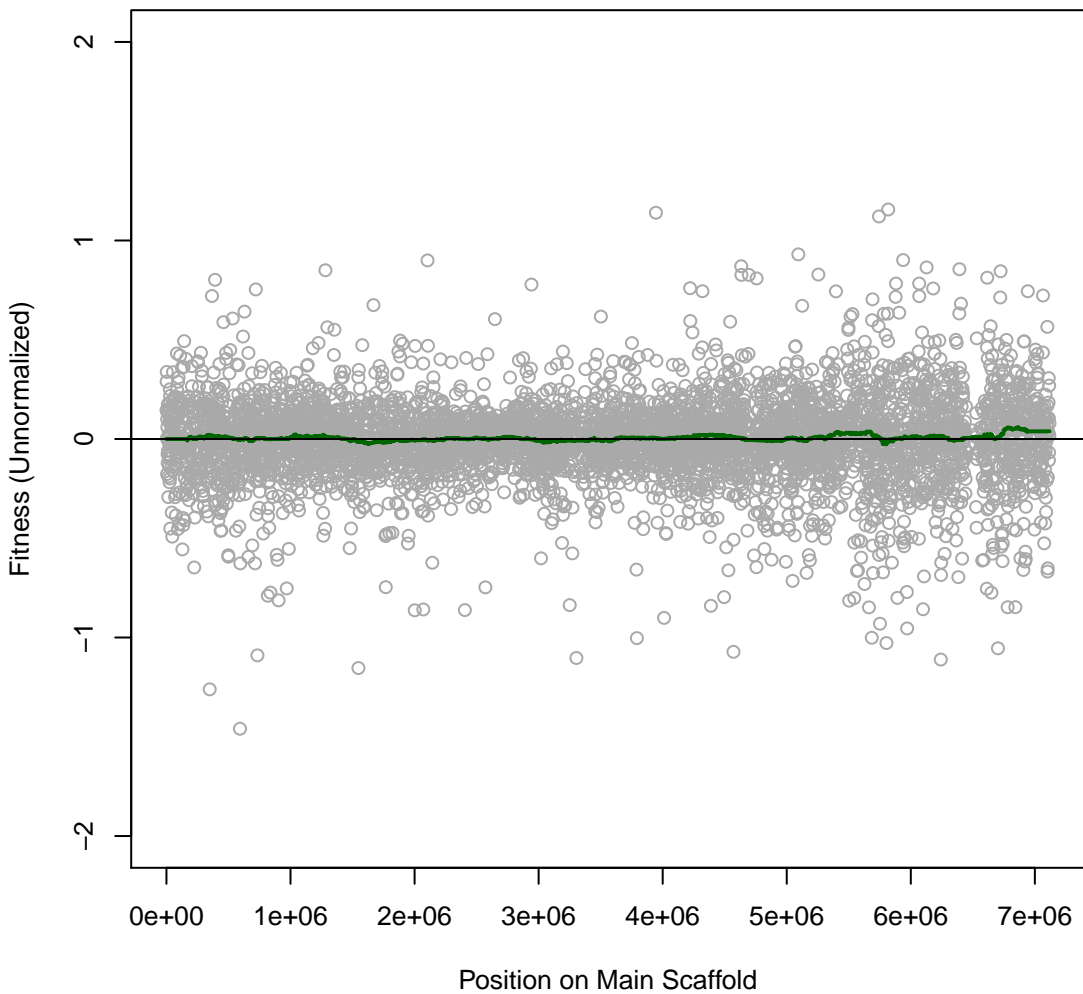
**pseudo5\_N2C3\_1 5IT093 #189 (gMed=171 rho12=0.214)**  
**Putrescine (N)**



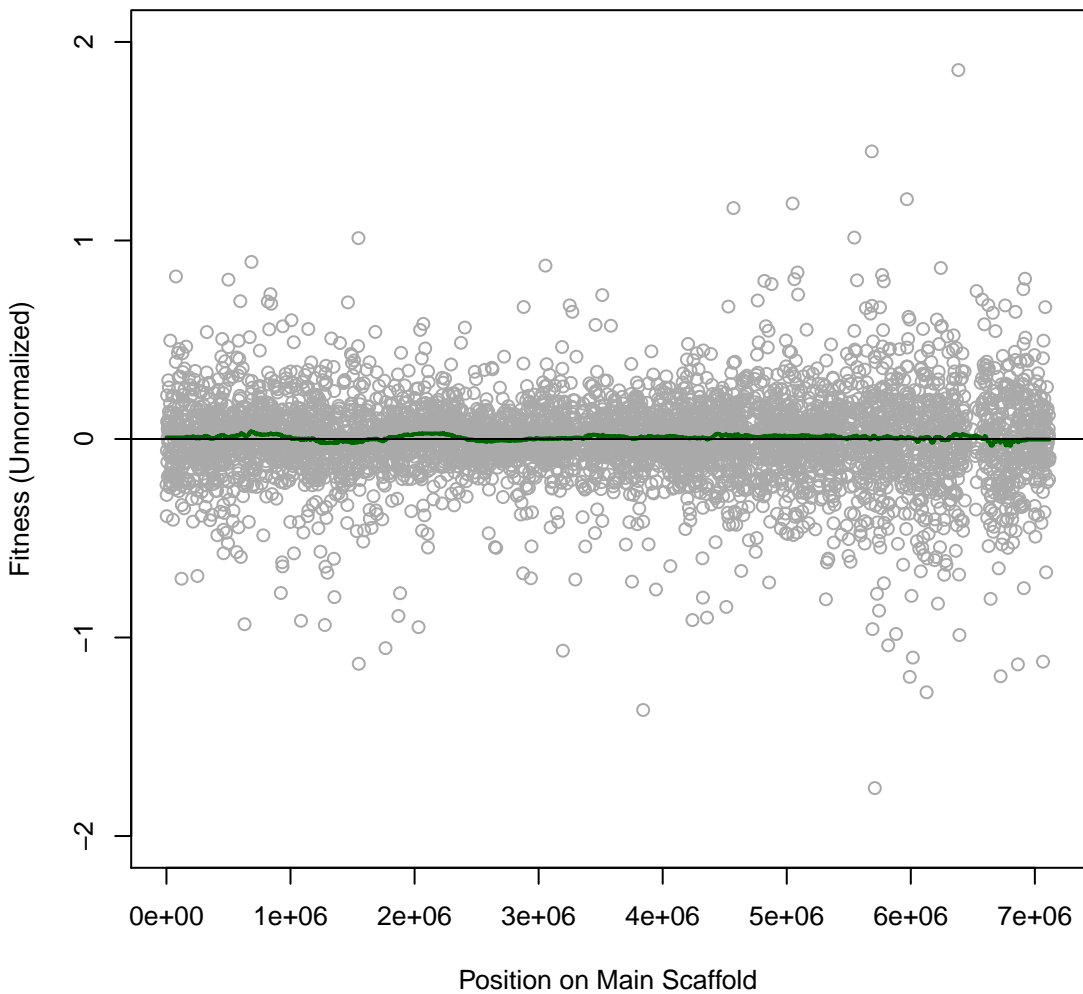
pseudo5\_N2C3\_1 5IT094 #190 (gMed=161 rho12=0.004)  
Time0



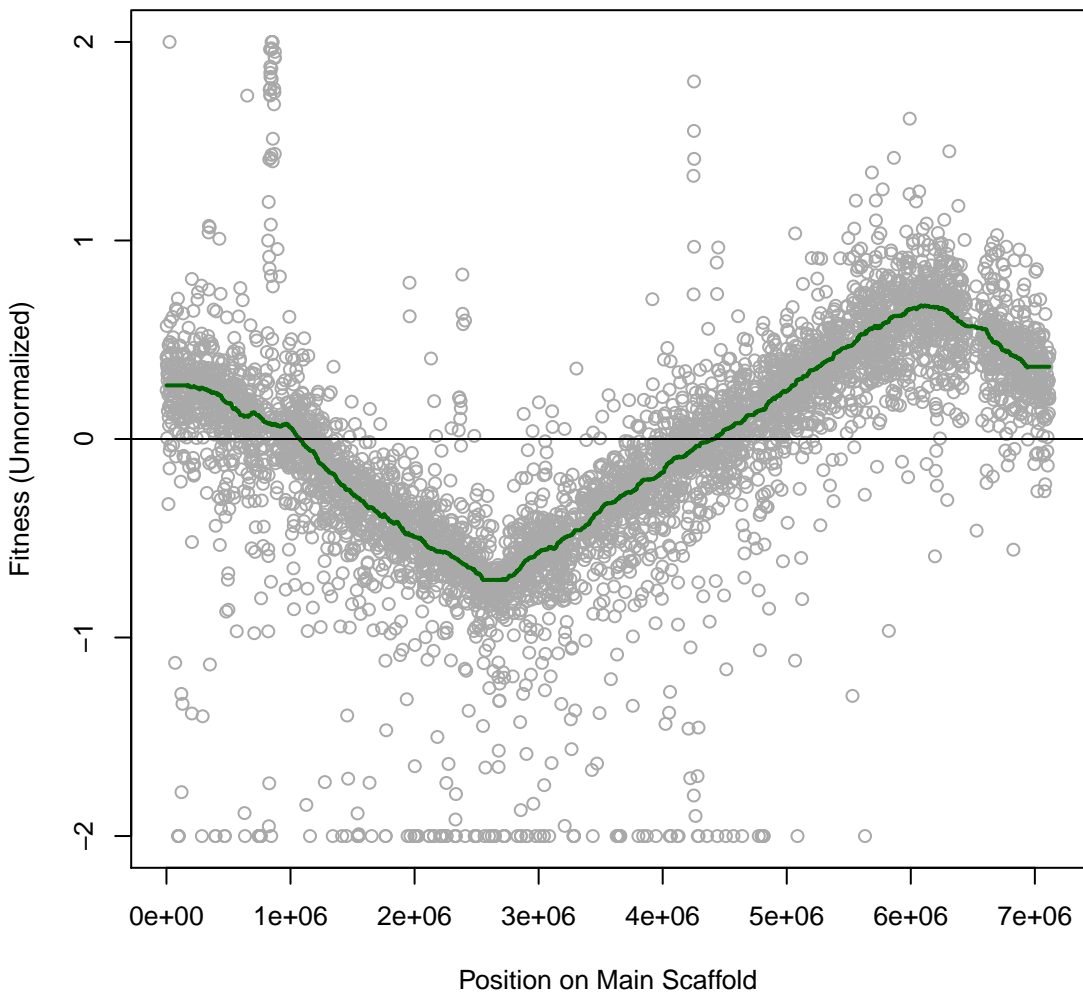
pseudo5\_N2C3\_1 5IT095 #191 (gMed=162 rho12=0.009)  
Time0



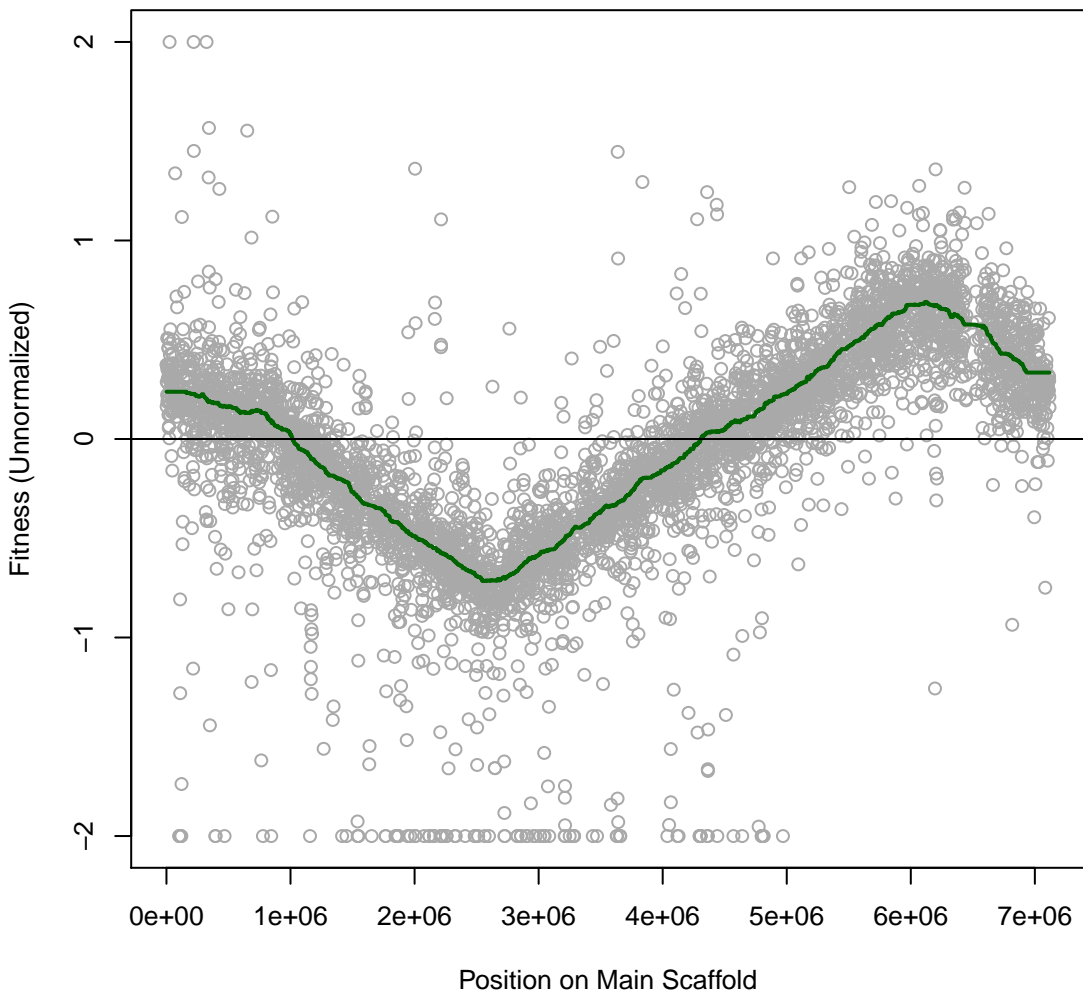
pseudo5\_N2C3\_1 5IT096 #192 (gMed=164 rho12=-0.002)  
Time0



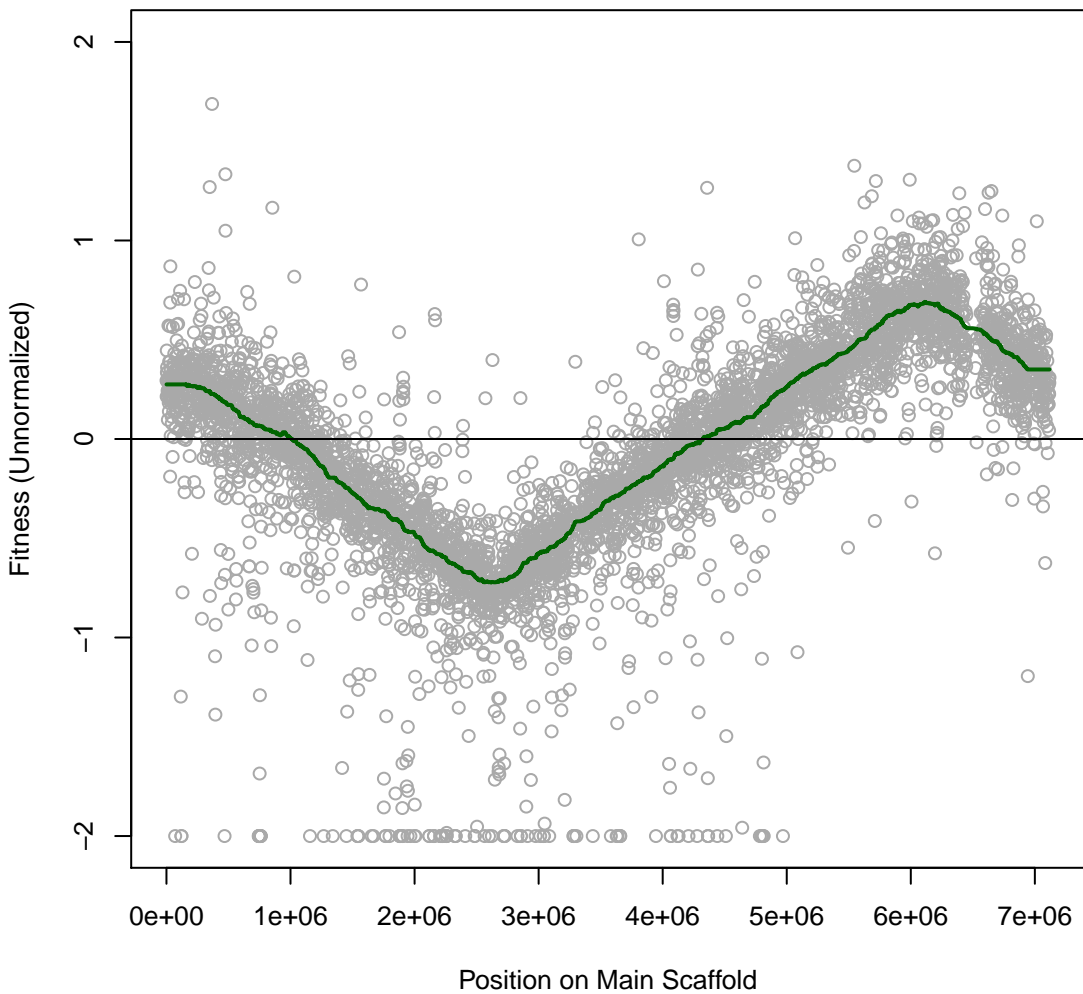
**pseudo5\_N2C3\_1 6IT049 #193 (gMed=226 rho12=0.257)**  
**D-Glucosamine Hydrochloride (N)**



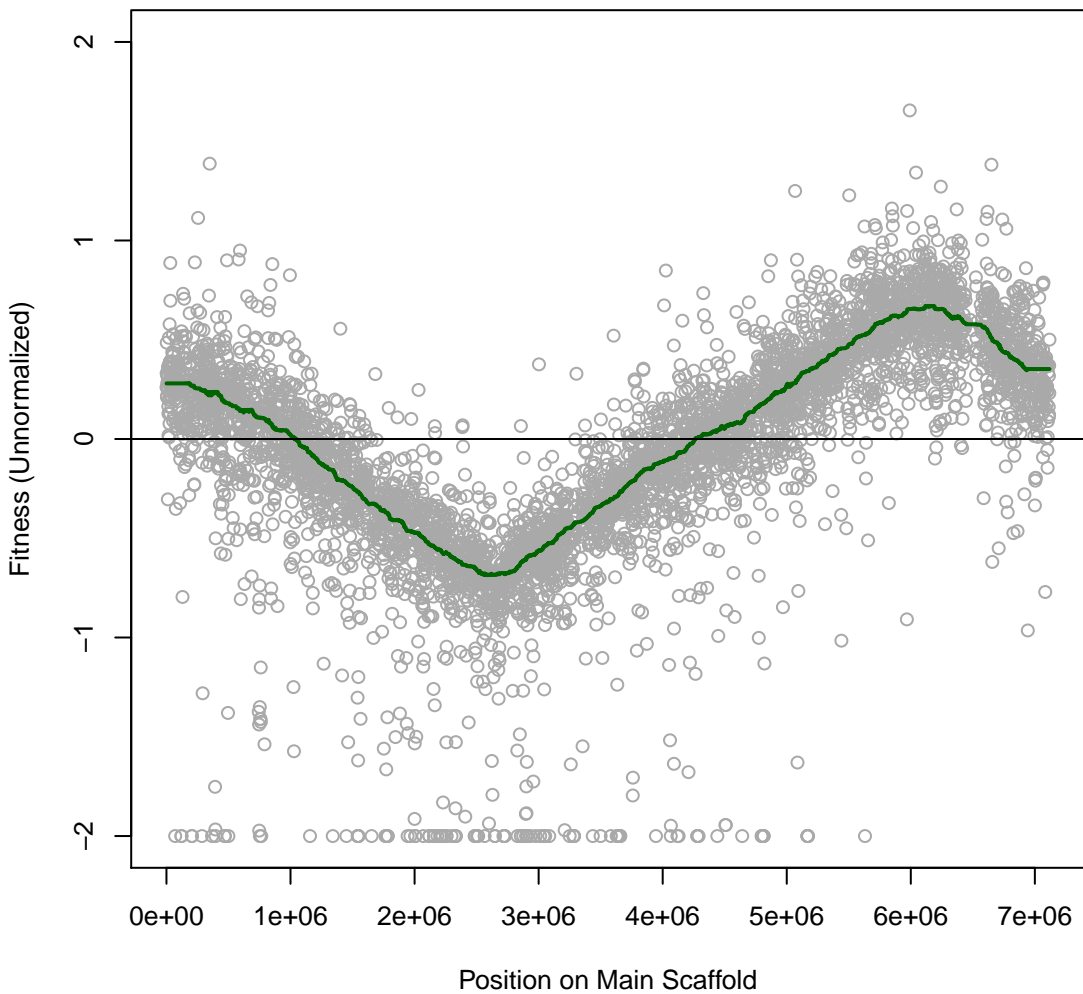
**pseudo5\_N2C3\_1 6IT050 #194 (gMed=226 rho12=0.259)**  
**Adenosine (N)**



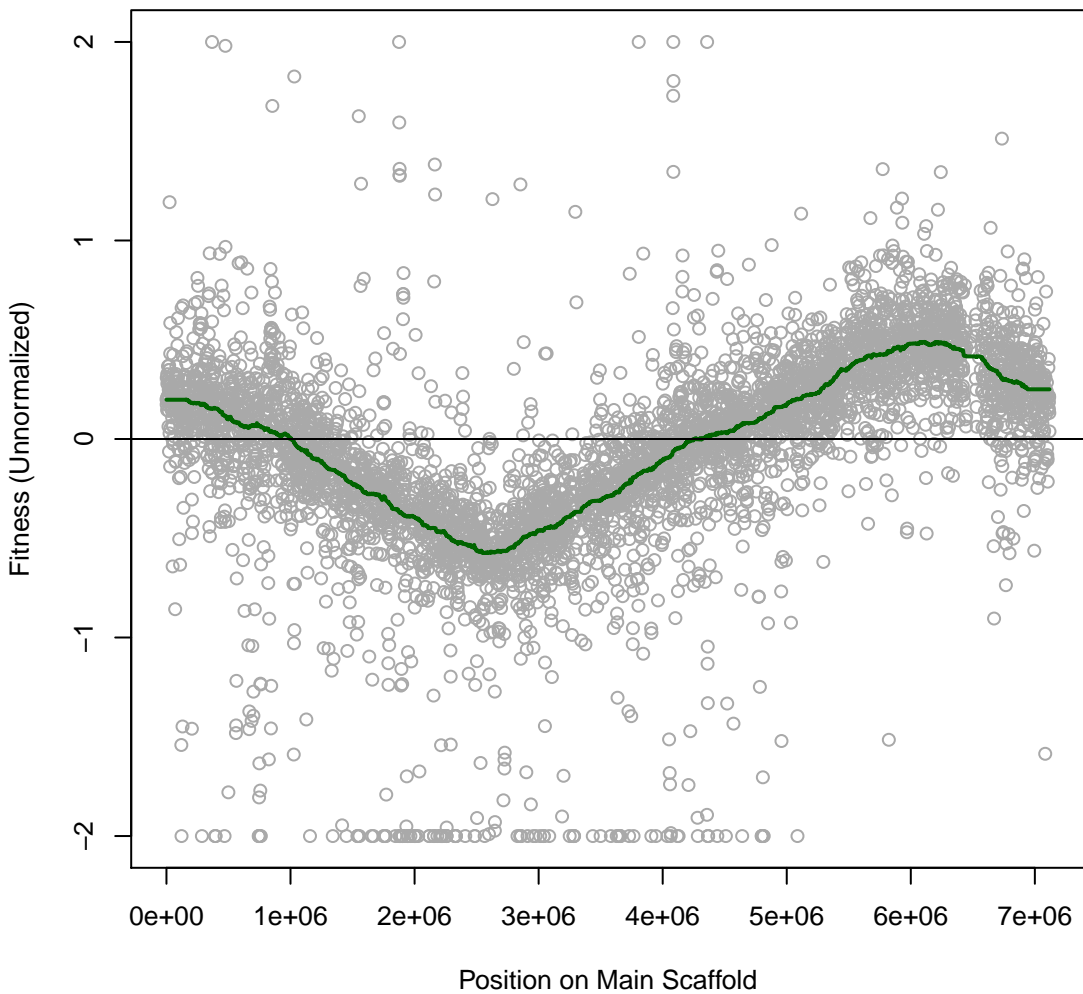
**pseudo5\_N2C3\_1 6IT051 #195 (gMed=233 rho12=0.226)**  
**Adenine (N)**



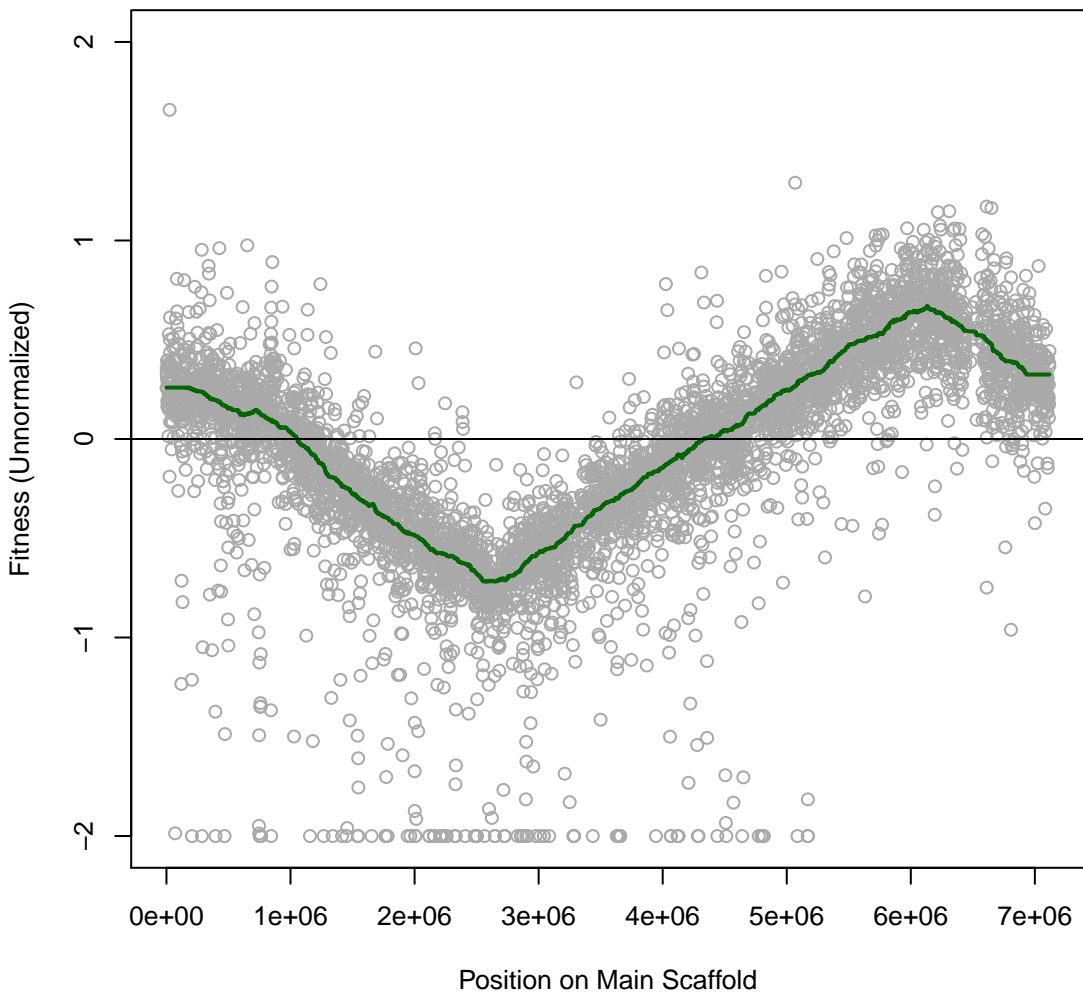
**pseudo5\_N2C3\_1 6IT052 #196 (gMed=195 rho12=0.207)**  
**Uridine (N)**



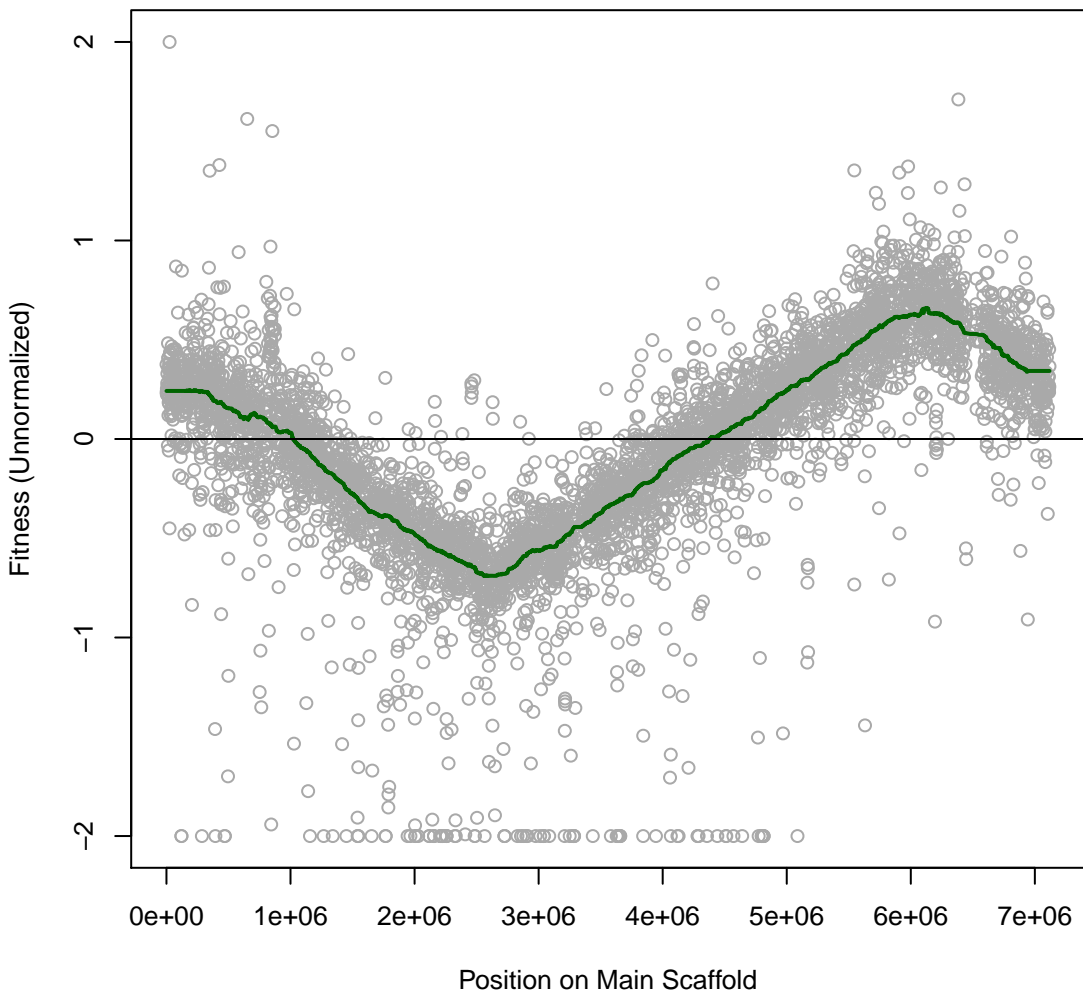
**pseudo5\_N2C3\_1 6IT053 #197 (gMed=198 rho12=0.291)**  
**Inosine (N)**



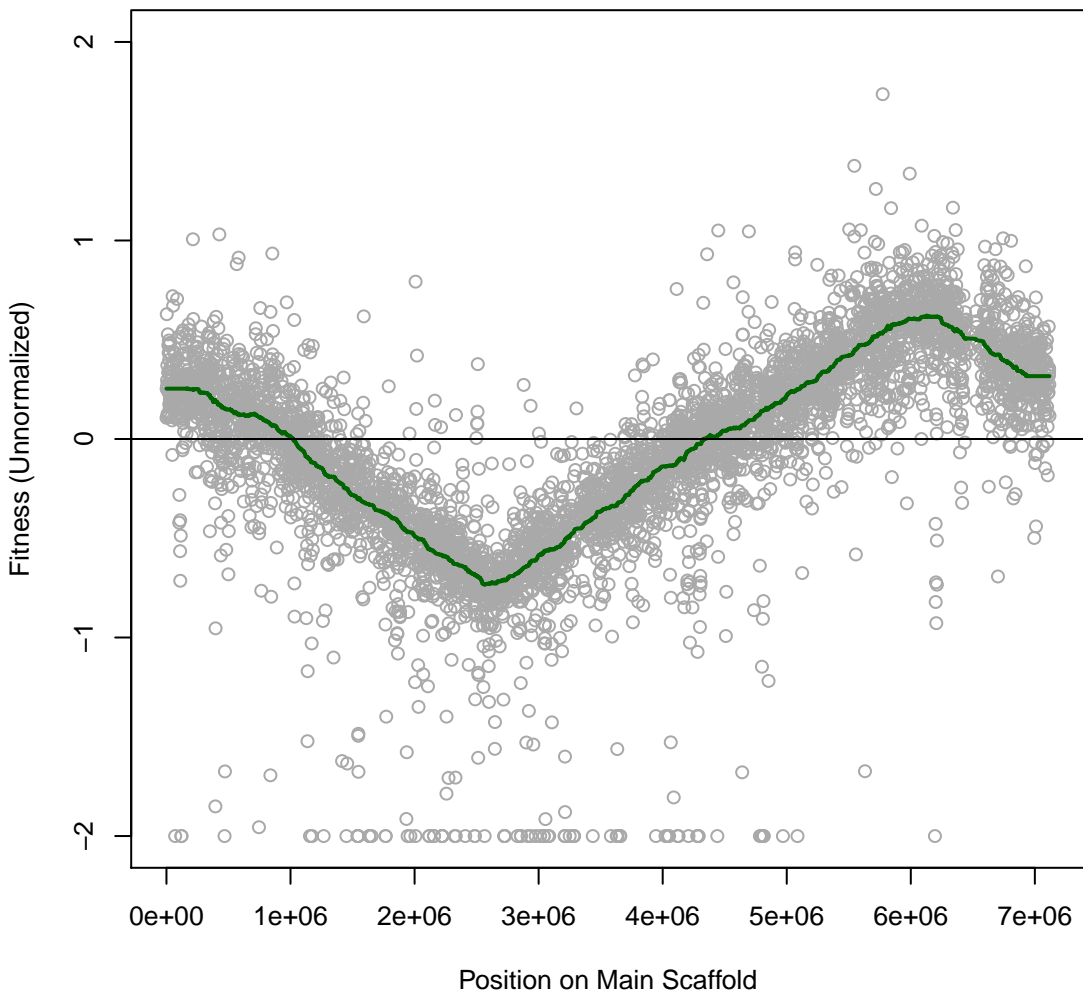
**pseudo5\_N2C3\_1 6IT054 #198 (gMed=222 rho12=0.192)**  
**Thymine (N)**



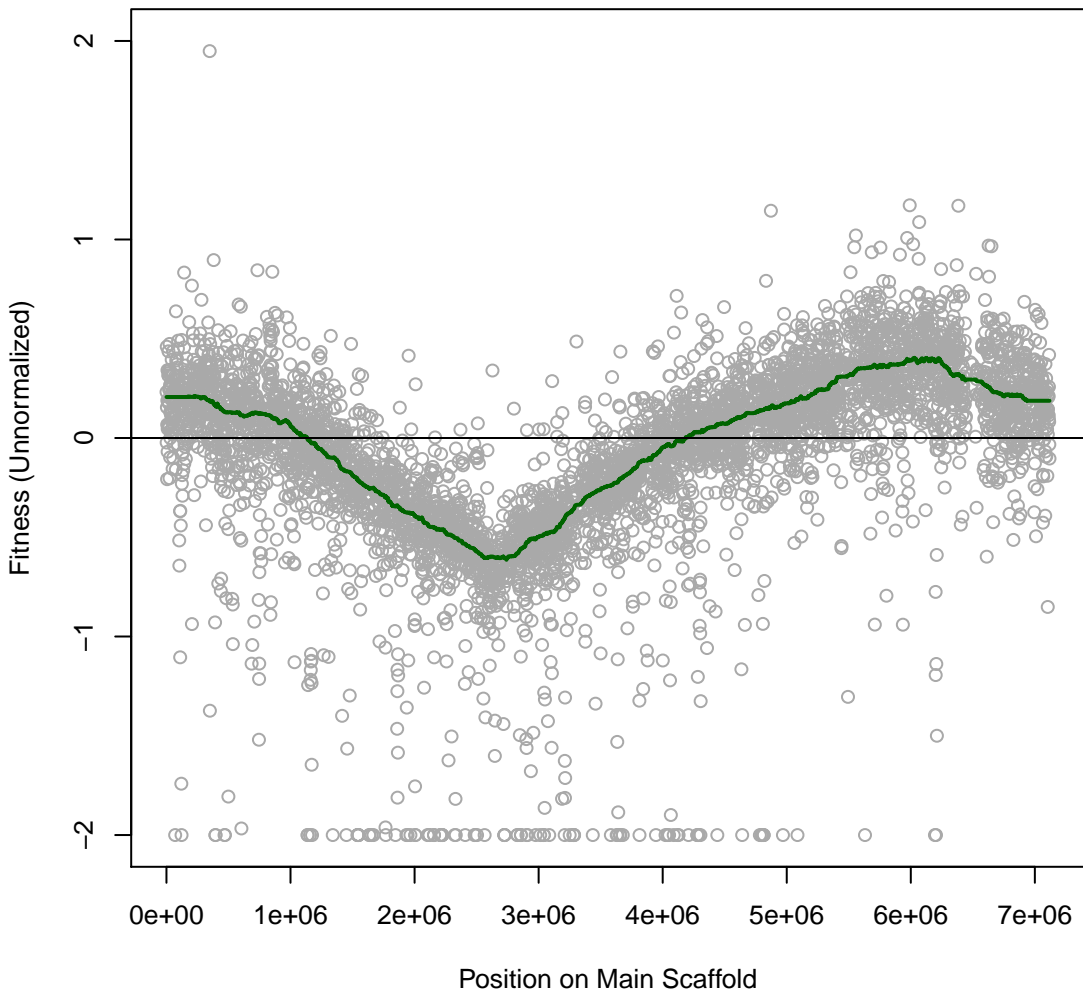
**pseudo5\_N2C3\_1 6IT055 #199 (gMed=221 rho12=0.198)**  
**Cytosine (N)**



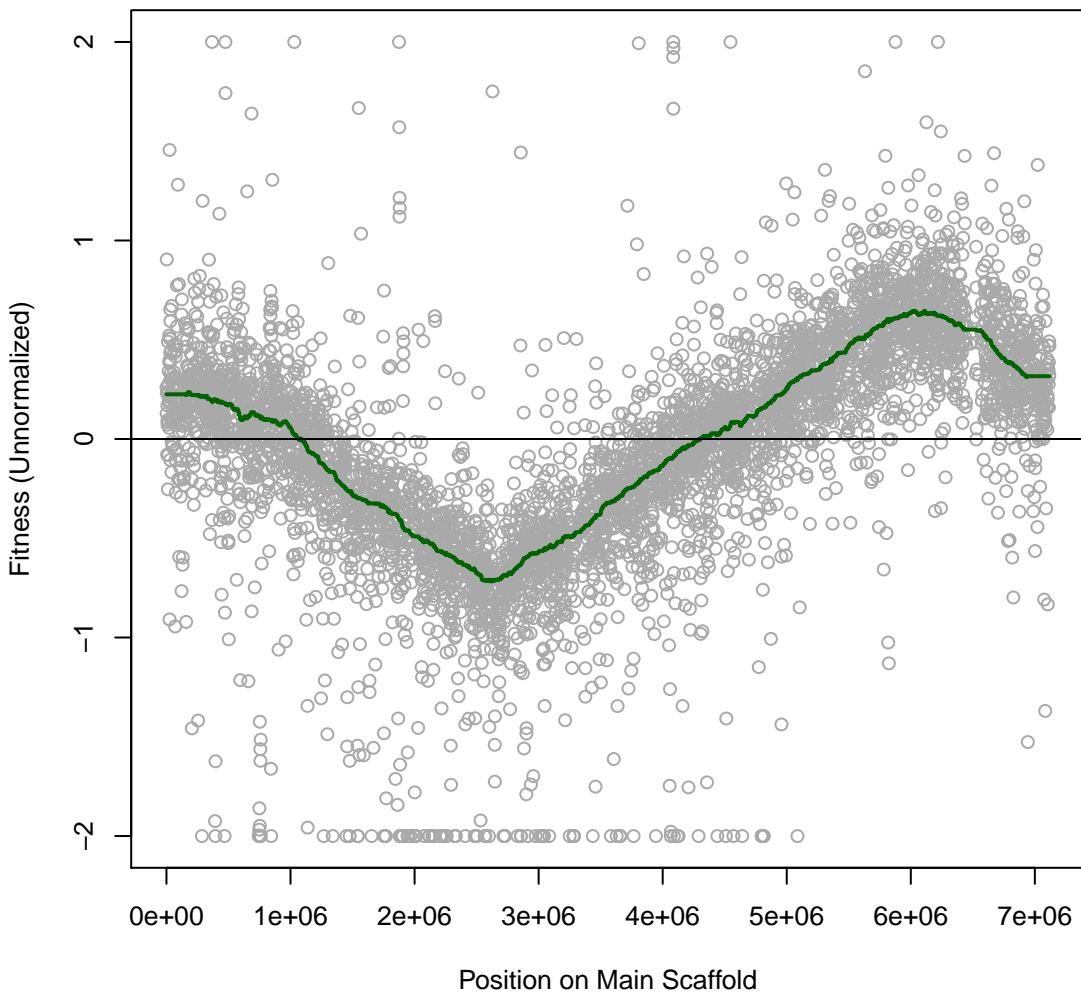
**pseudo5\_N2C3\_1 6IT056 #200 (gMed=218 rho12=0.186)**  
**Ammonium chloride (N)**



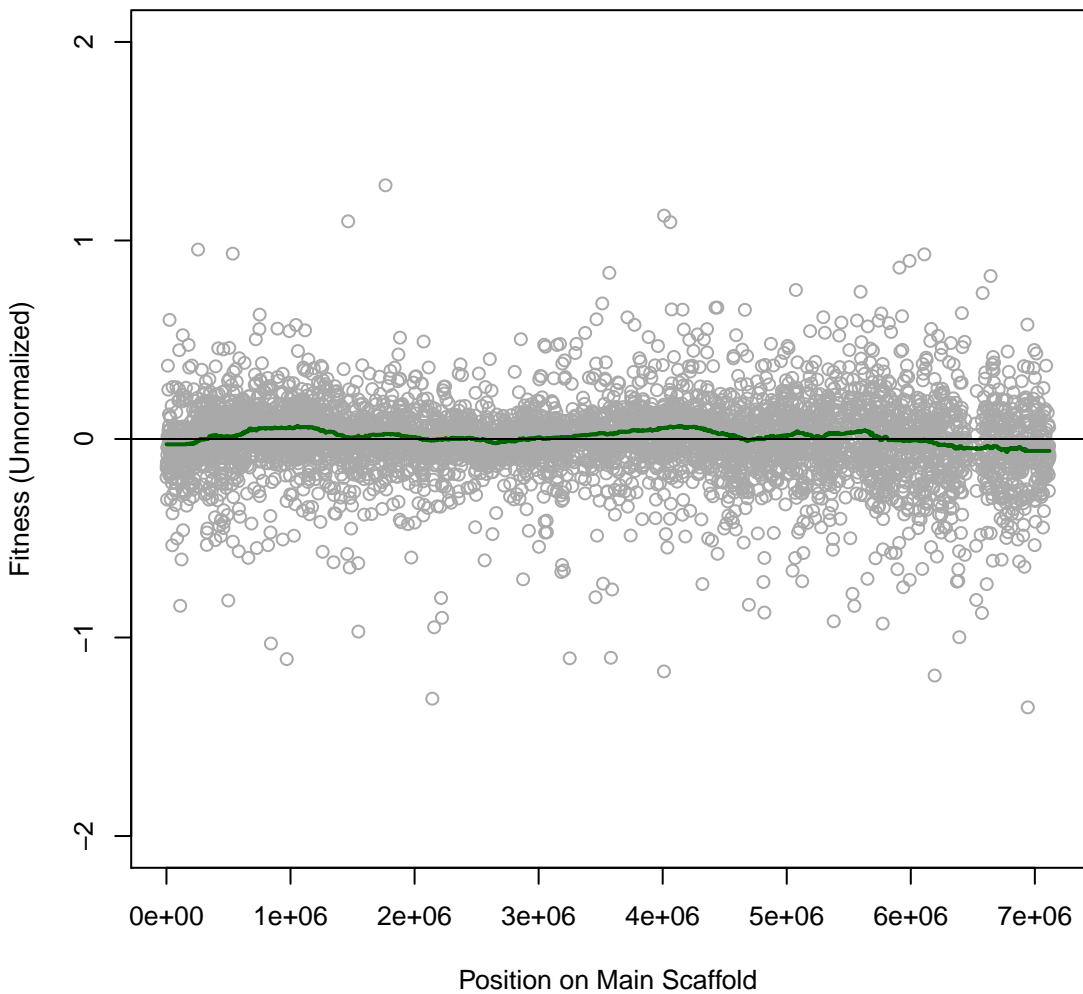
**pseudo5\_N2C3\_1 6IT058 #202 (gMed=212 rho12=0.214)**  
**nitrite (N)**



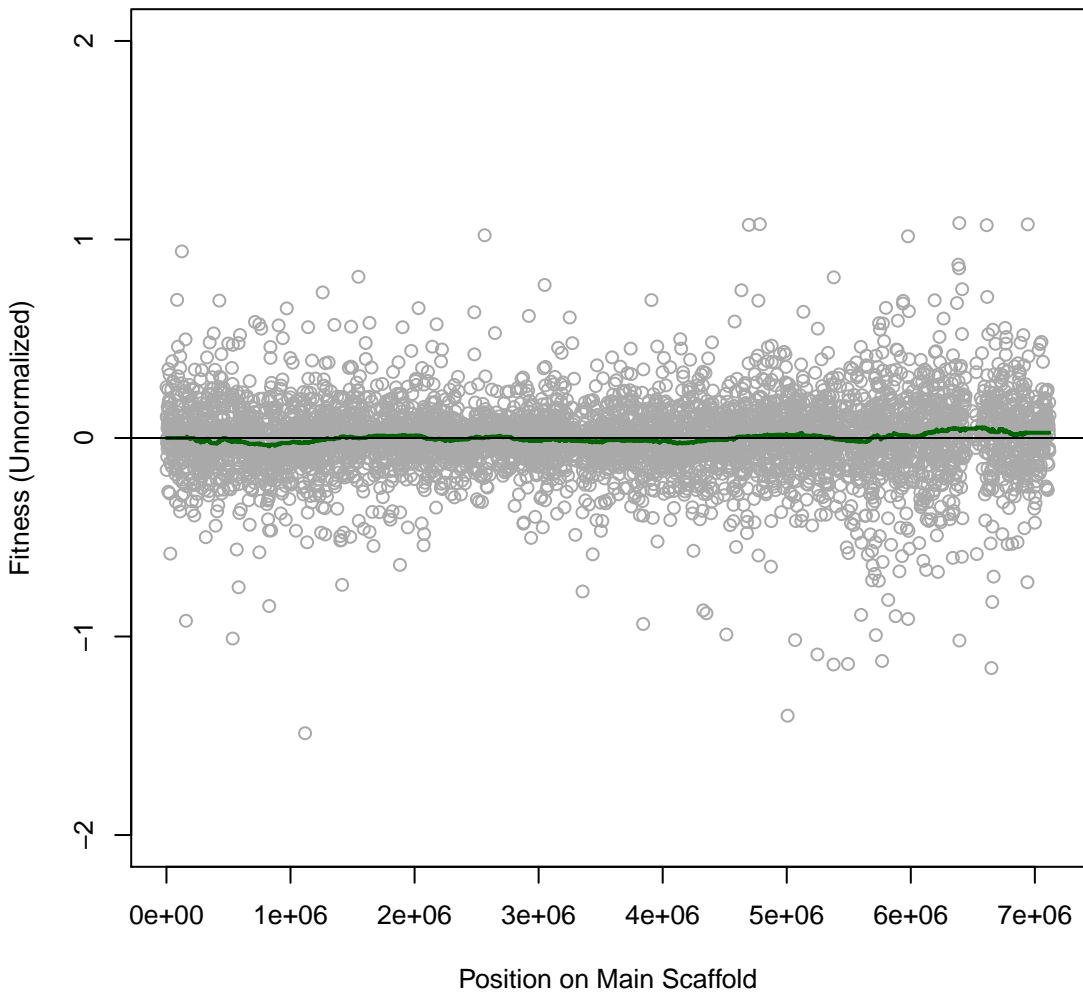
**pseudo5\_N2C3\_1 6IT059 #203 (gMed=104 rho12=0.187)**  
**Urea (N)**



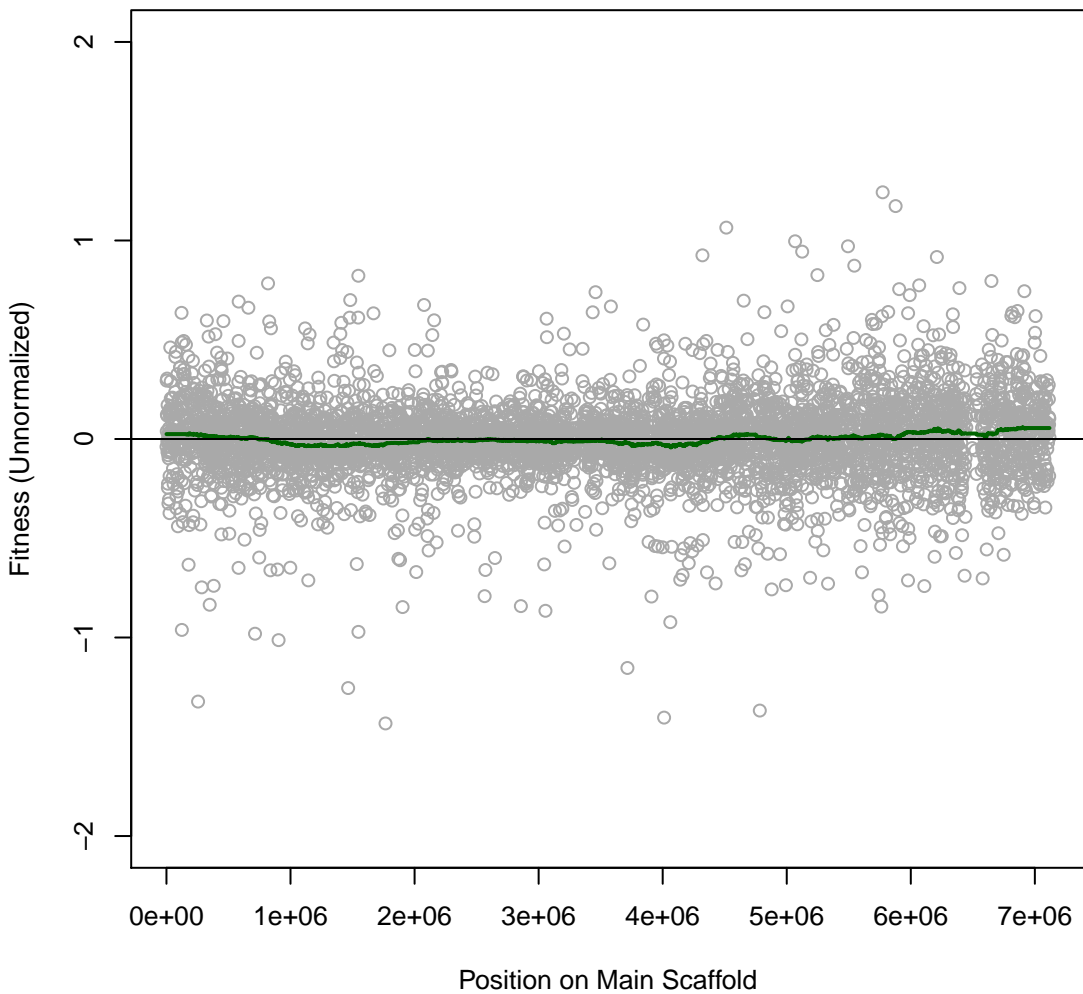
**pseudo5\_N2C3\_1 6IT060 #204 (gMed=210 rho12=0.023)**  
**Time0**



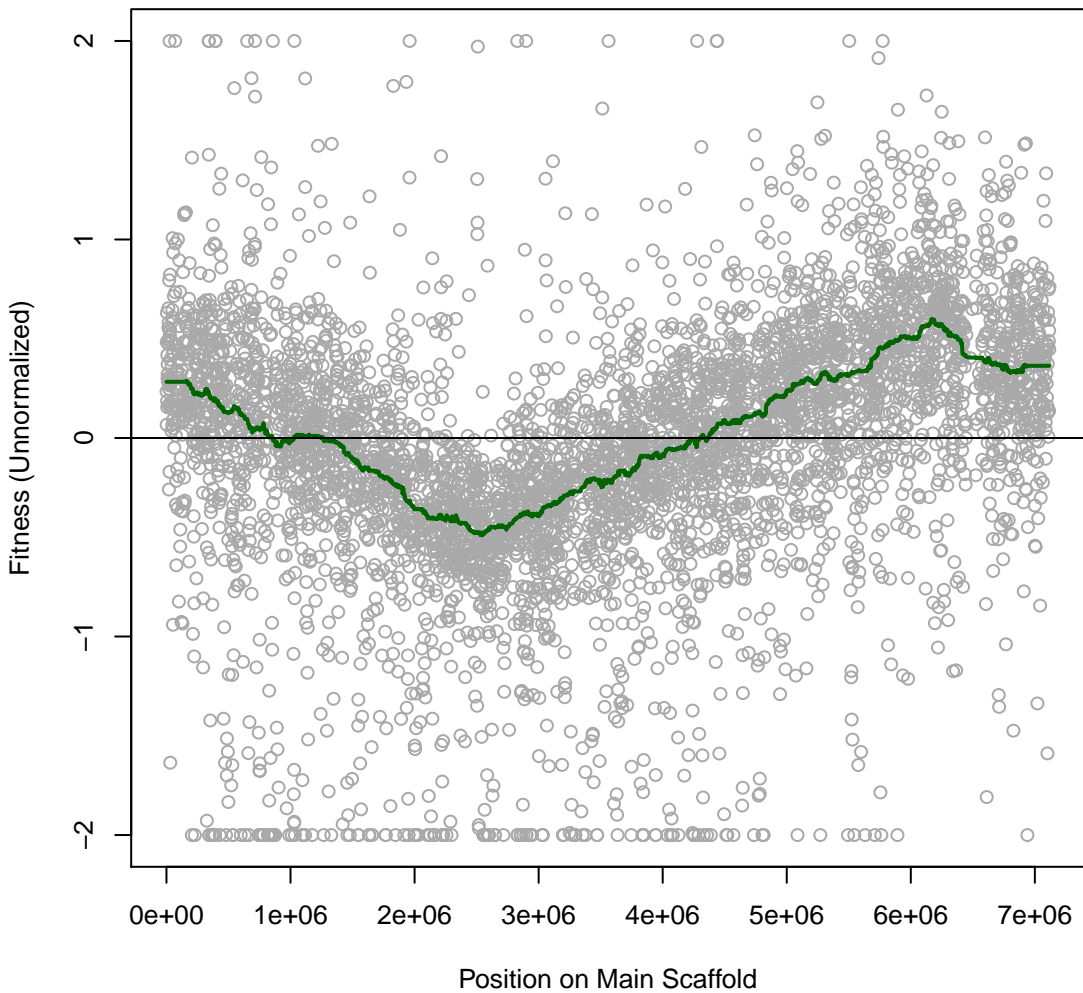
pseudo5\_N2C3\_1 6IT061 #205 (gMed=206 rho12=0.008)  
Time0



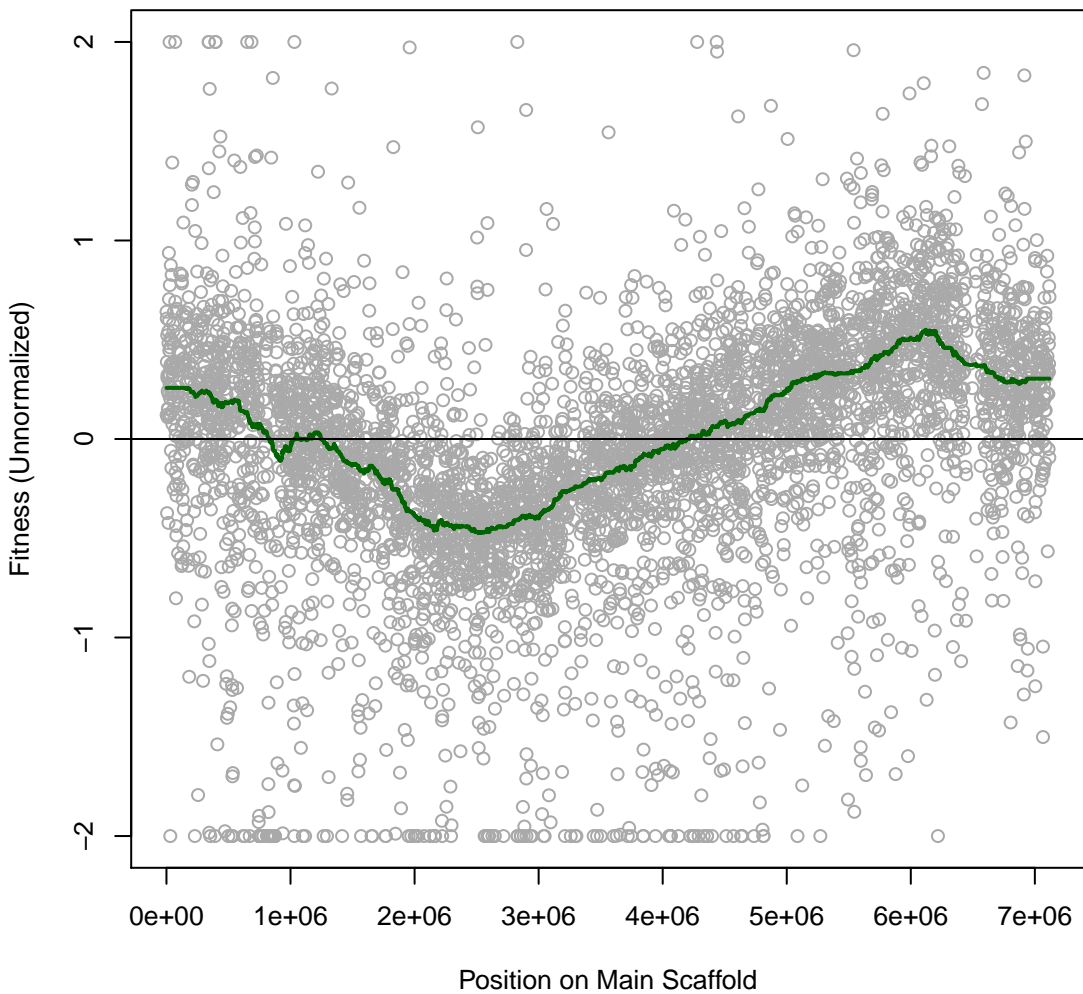
**pseudo5\_N2C3\_1 6IT062 #206 (gMed=224 rho12=0.033)**  
**Time0**



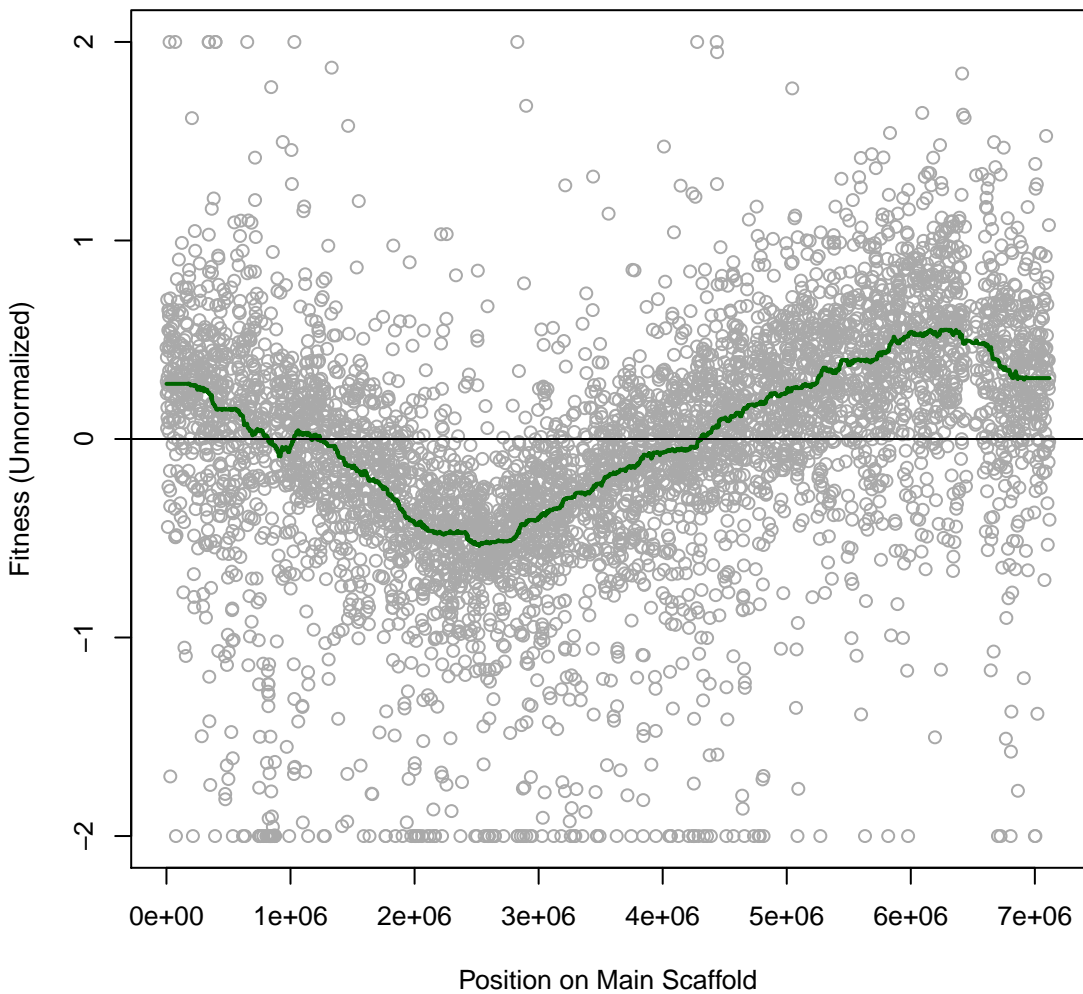
**pseudo5\_N2C3\_1 6IT063 #207 (gMed=135 rho12=0.238)**  
**outer cut, LB soft agar motility assay**



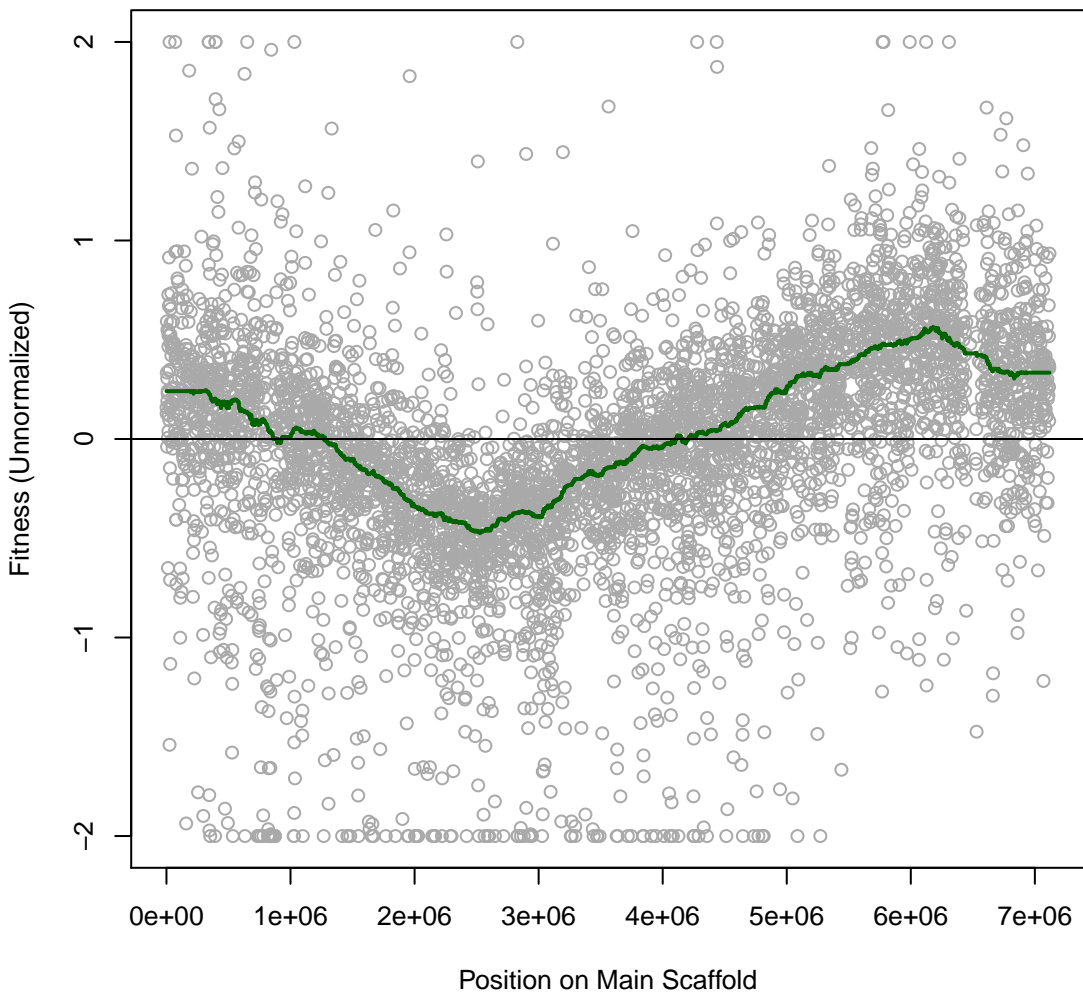
**pseudo5\_N2C3\_1 6IT064 #208 (gMed=139 rho12=0.212)**  
**outer cut, LB soft agar motility assay**



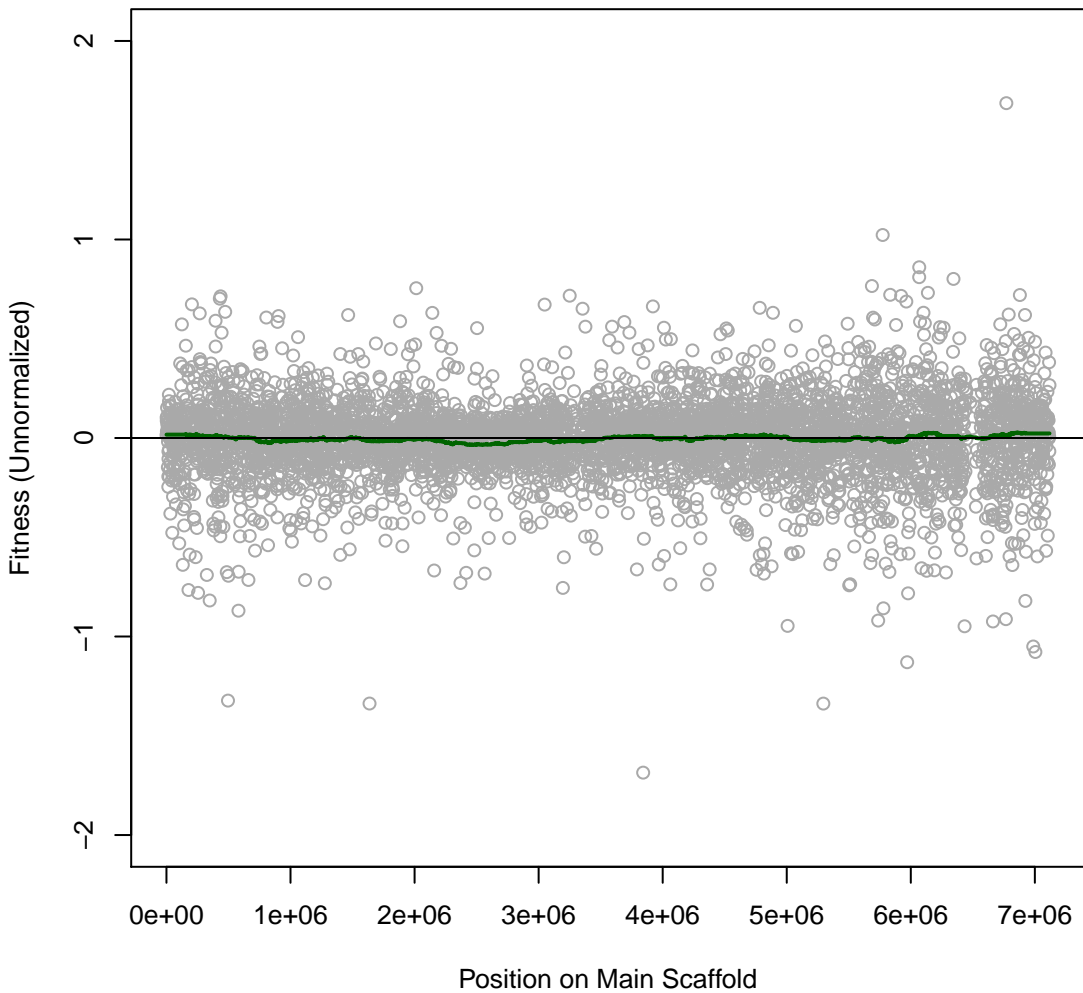
**pseudo5\_N2C3\_1 6IT065 #209 (gMed=157 rho12=0.201)**  
**outer cut, LB soft agar motility assay**



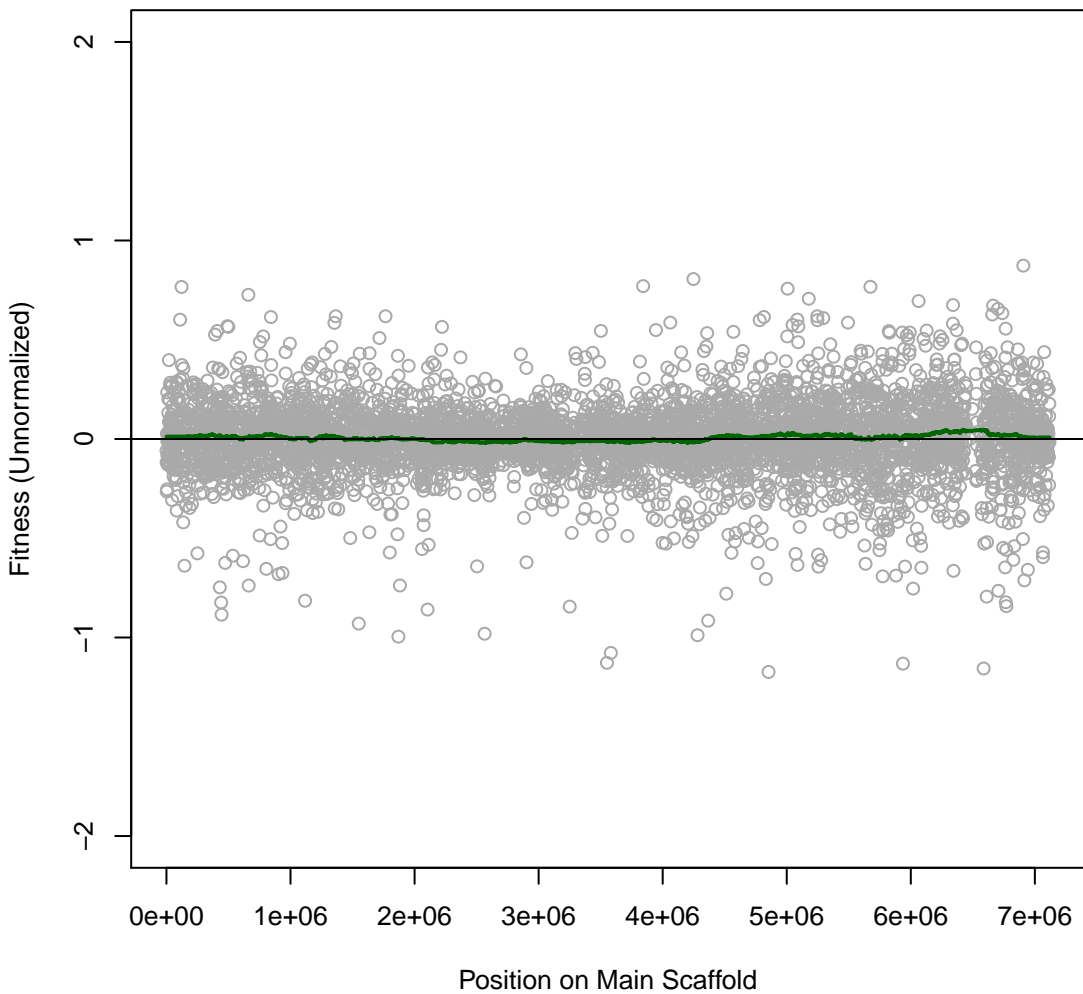
**pseudo5\_N2C3\_1 6IT066 #210 (gMed=137 rho12=0.200)**  
**outer cut, LB soft agar motility assay**



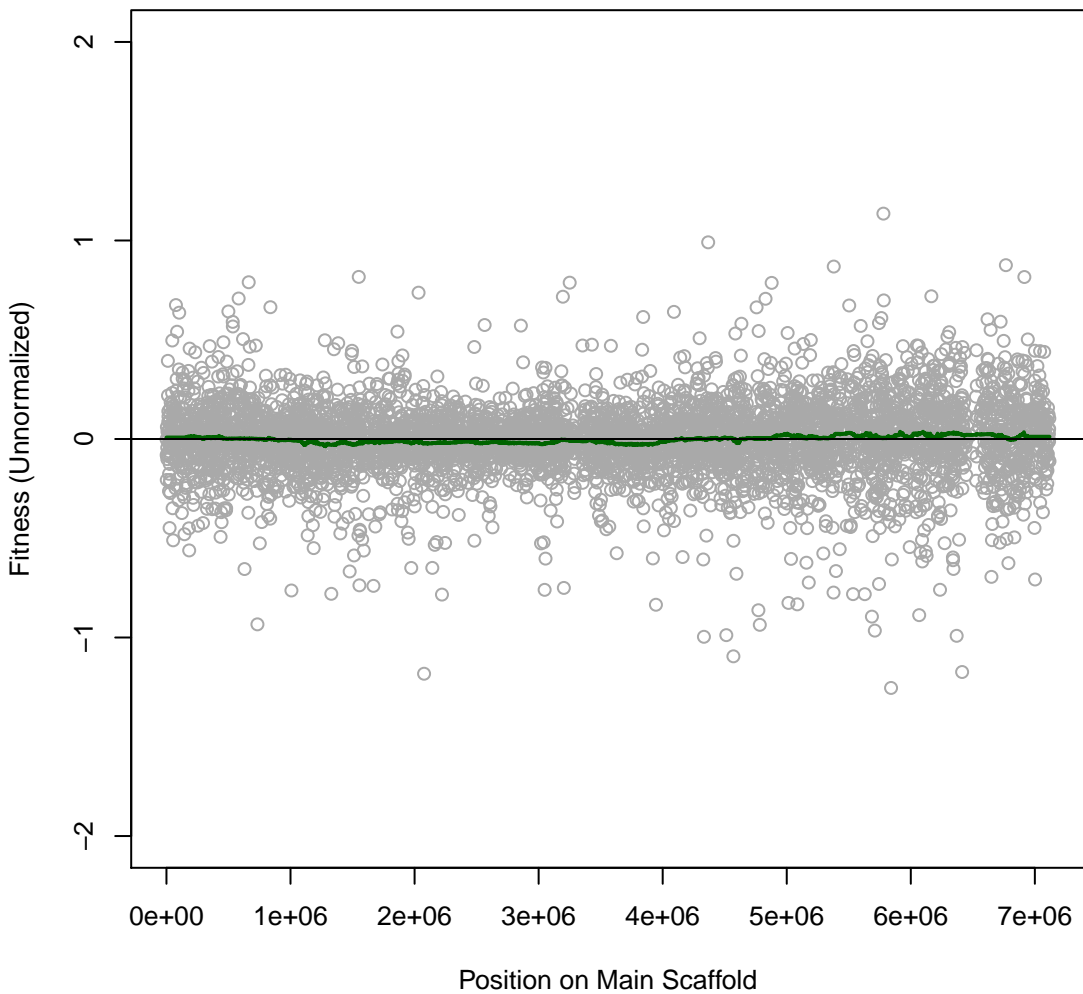
**pseudo5\_N2C3\_1 6IT067 #211 (gMed=191 rho12=0.025)**  
**Time0**



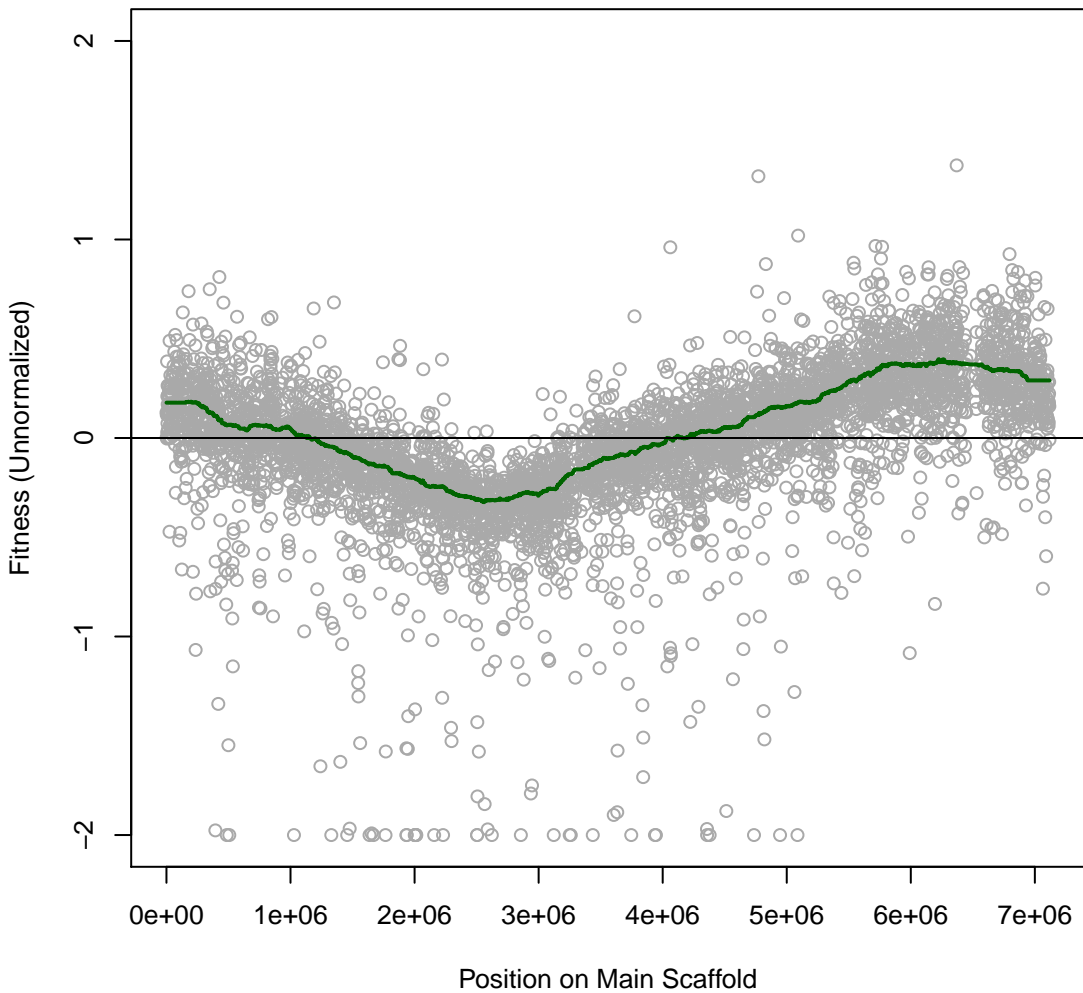
pseudo5\_N2C3\_1 6IT068 #212 (gMed=178 rho12=0.008)  
Time0



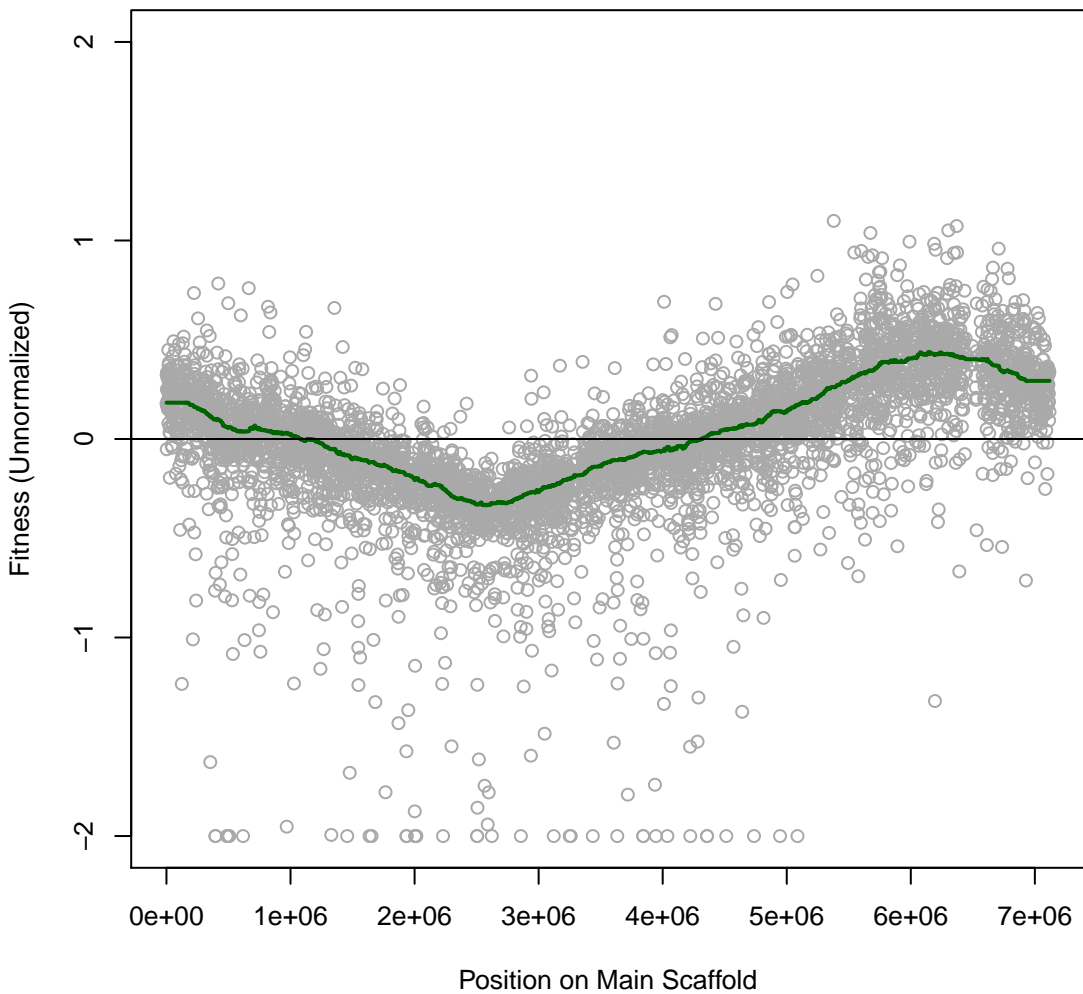
pseudo5\_N2C3\_1 6IT069 #213 (gMed=179 rho12=0.031)  
Time0



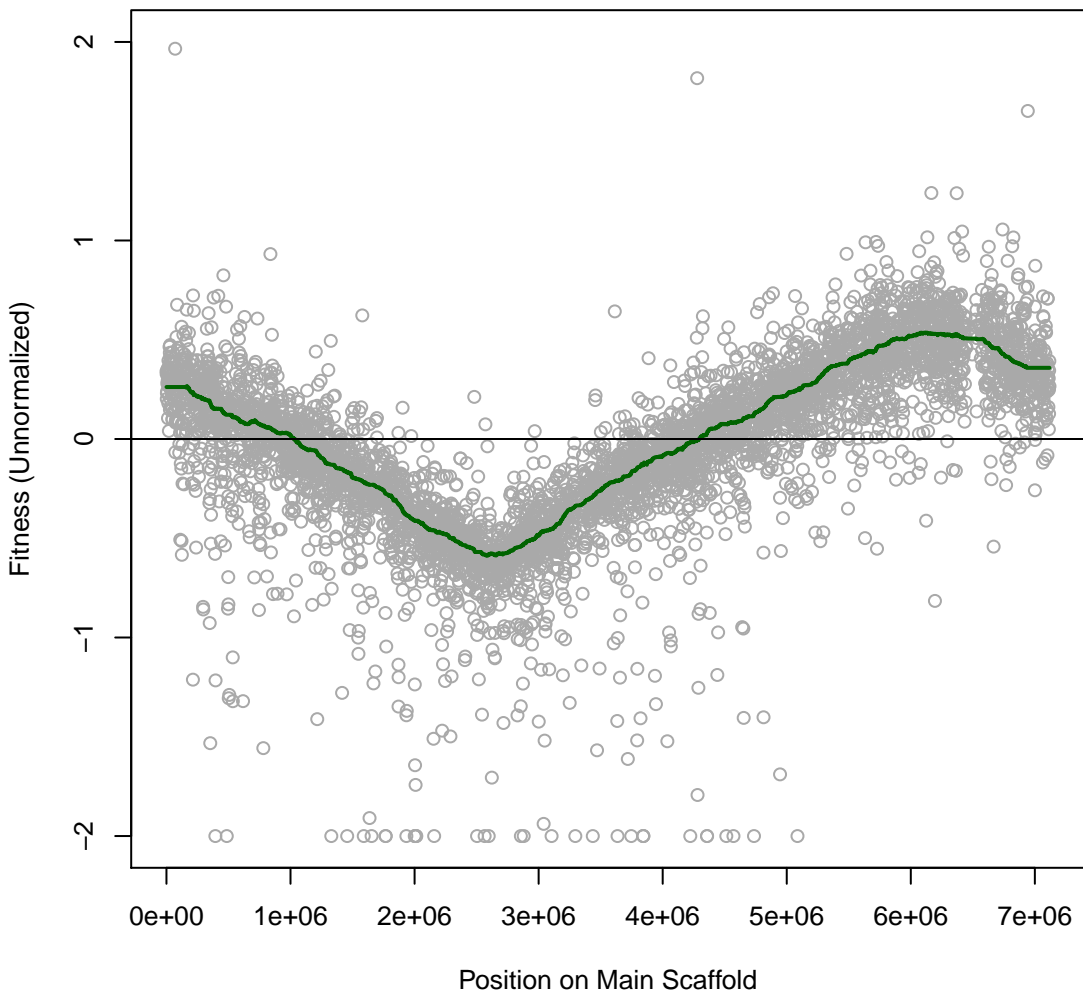
**pseudo5\_N2C3\_1 6IT070 #214 (gMed=164 rho12=0.128)**  
**LB 10C**



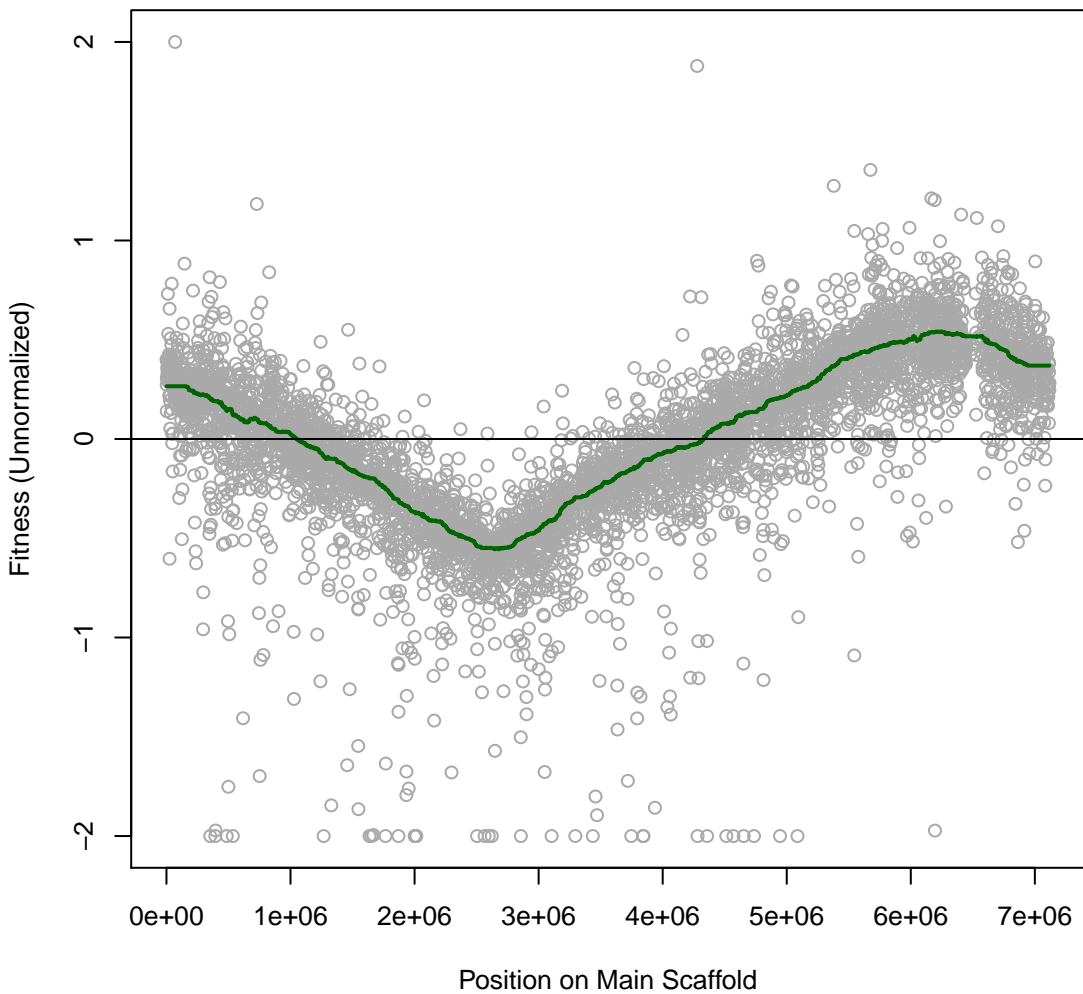
pseudo5\_N2C3\_1 6IT071 #215 (gMed=195 rho12=0.139)  
LB 10C



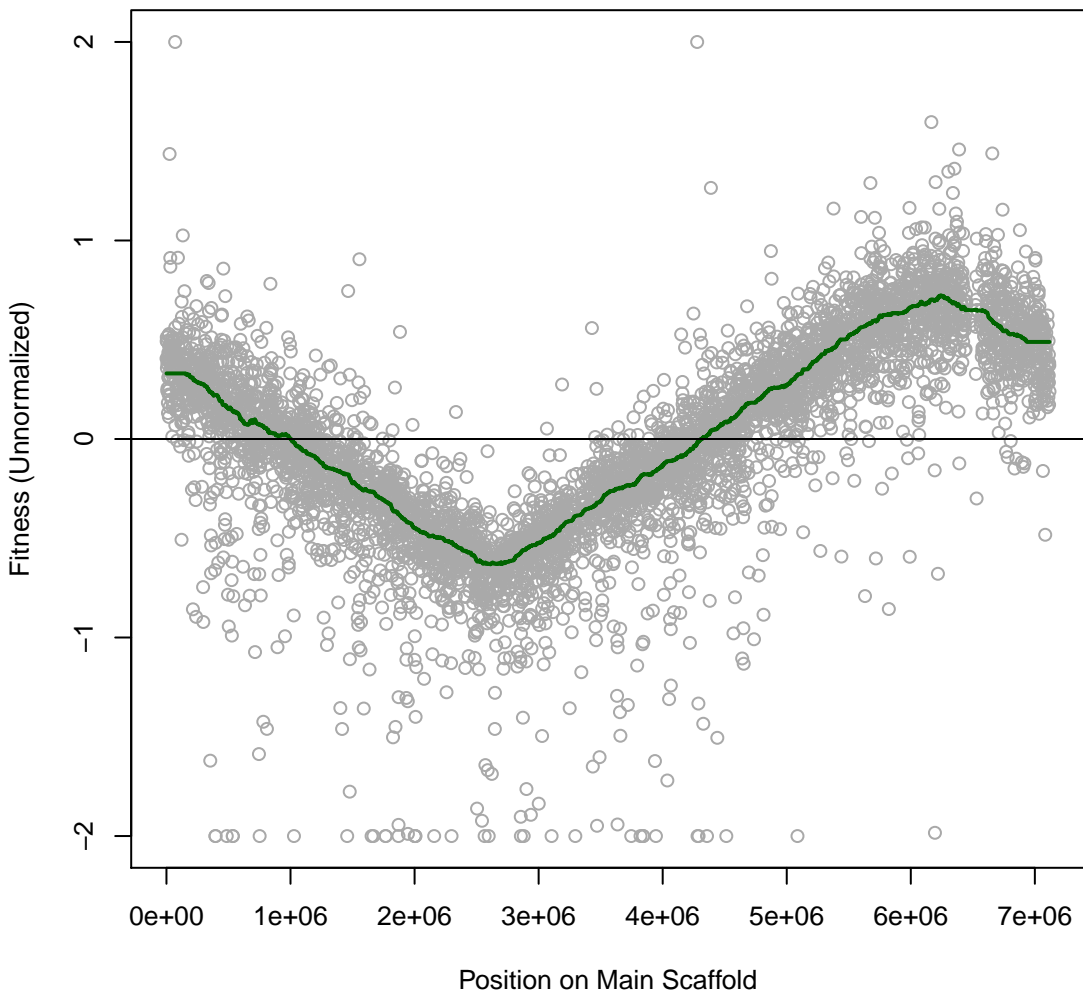
pseudo5\_N2C3\_1 6IT072 #216 (gMed=202 rho12=0.102)  
LB 20C



**pseudo5\_N2C3\_1 6IT073 #217 (gMed=181 rho12=0.124)**  
**LB 20C**



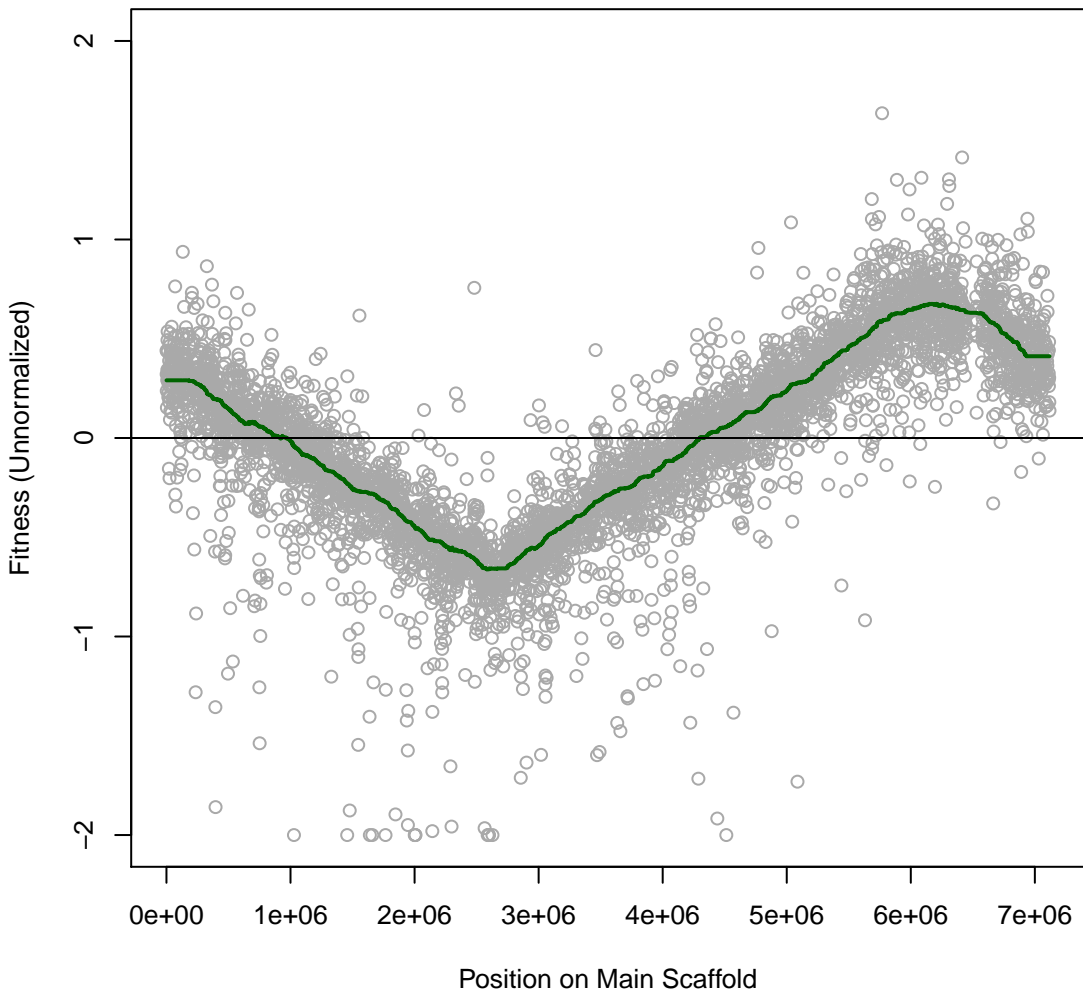
**pseudo5\_N2C3\_1 6IT074 #218 (gMed=160 rho12=0.163)**  
**LB 30C**



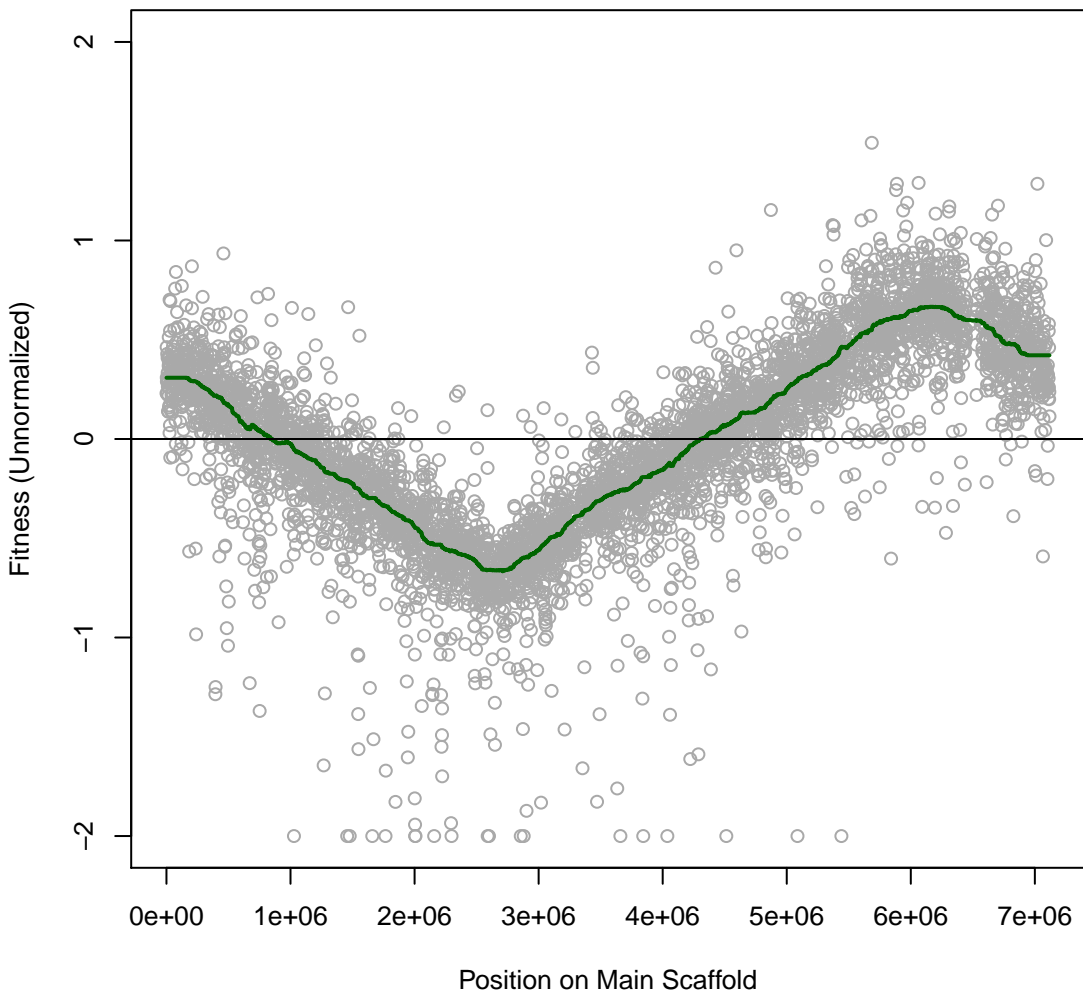
**pseudo5\_N2C3\_1 6IT075 #219 (gMed=174 rho12=0.141)**  
**LB 30C**



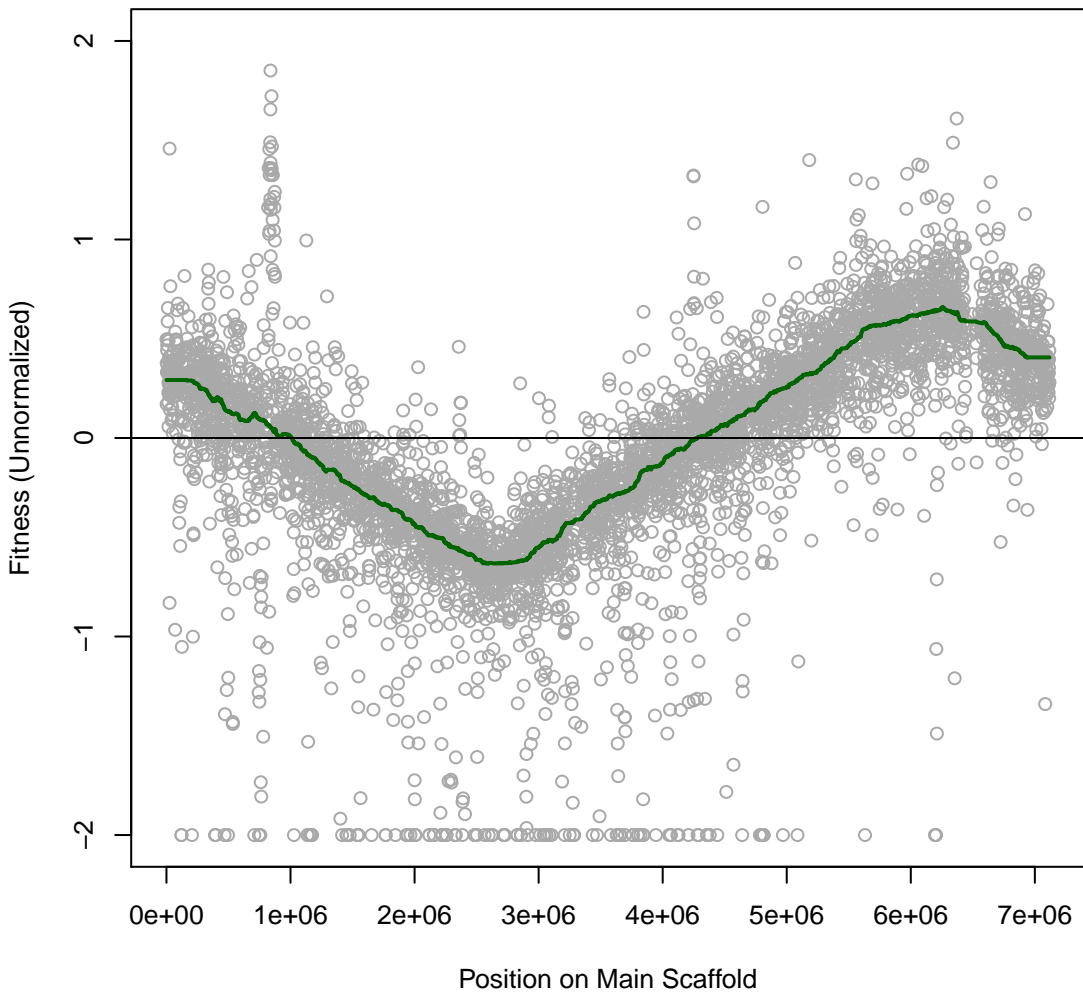
**pseudo5\_N2C3\_1 6IT076 #220 (gMed=222 rho12=0.134)**  
**LB 37C**



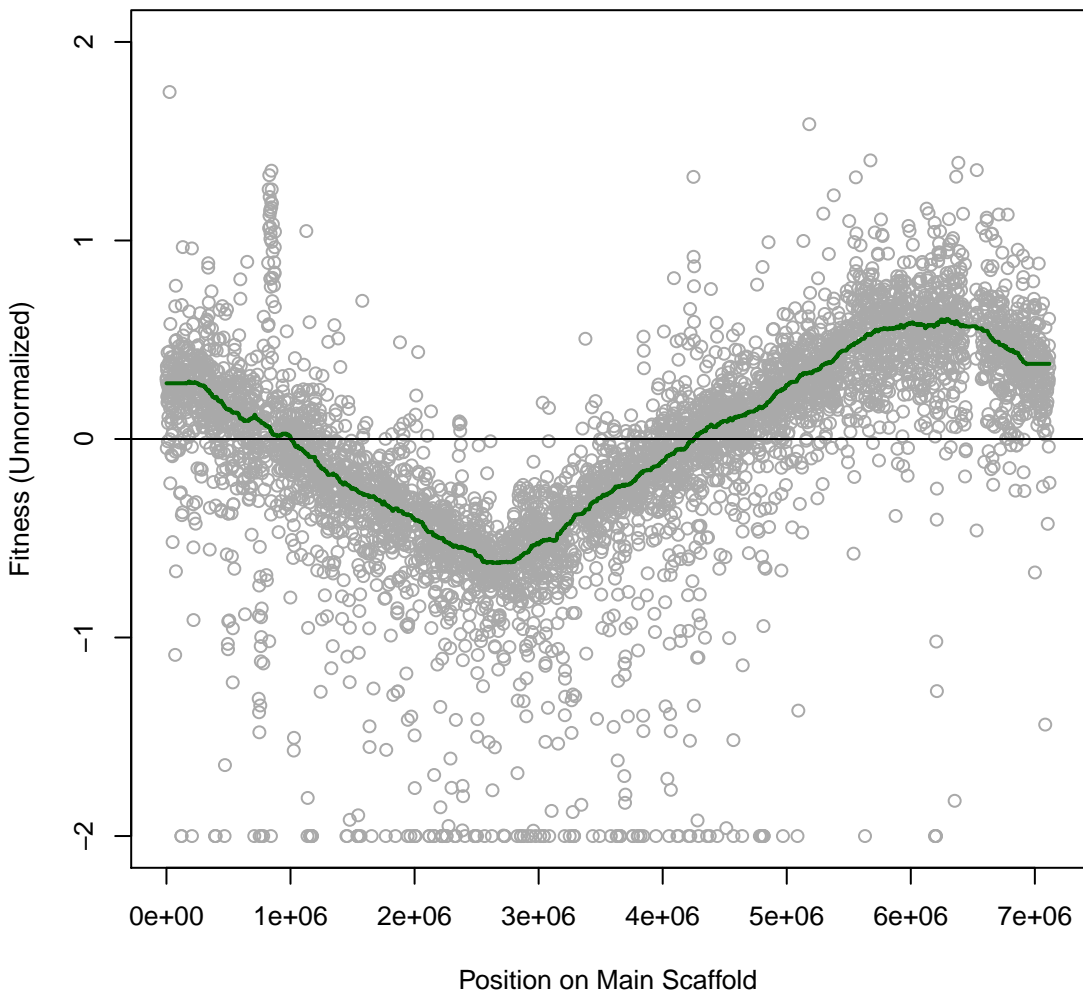
**pseudo5\_N2C3\_1 6IT077 #221 (gMed=204 rho12=0.150)**  
**LB 37C**



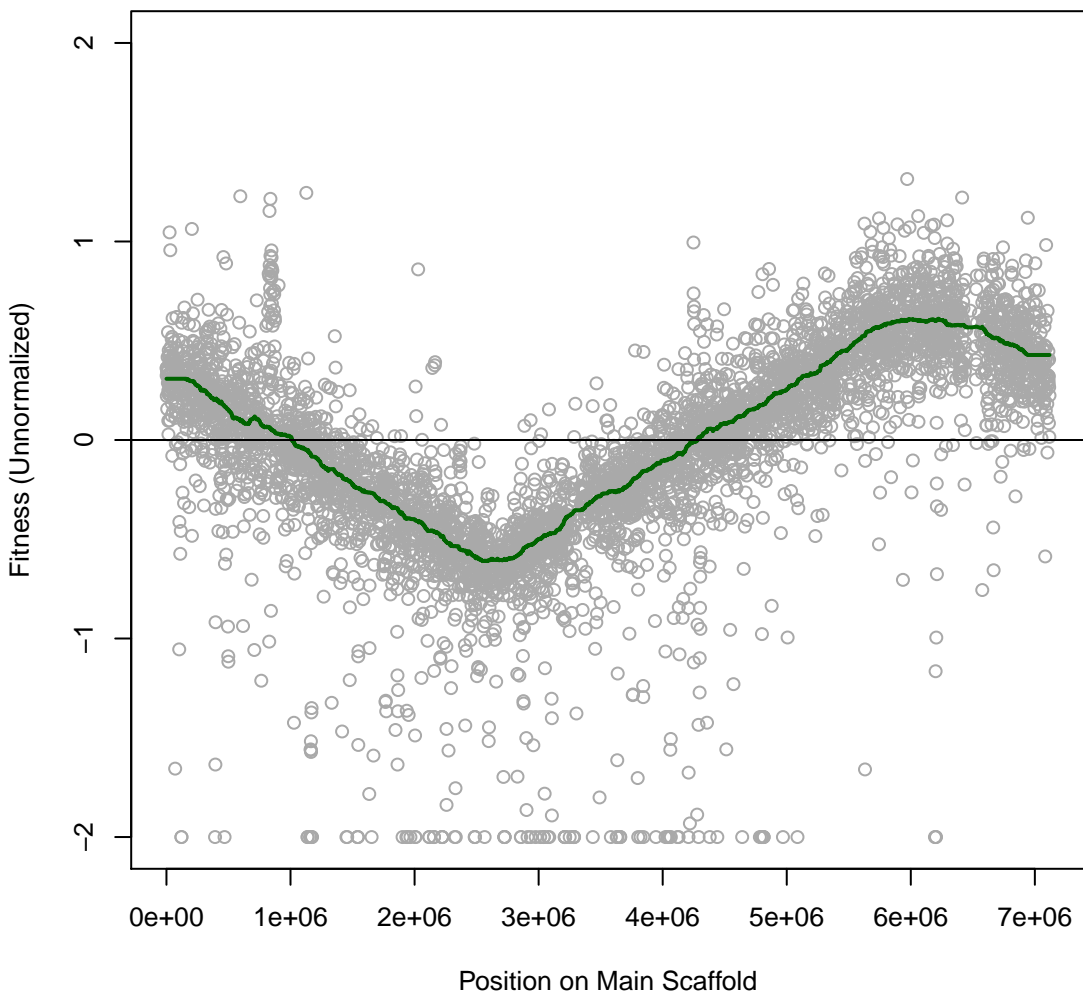
**pseudo5\_N2C3\_1 6IT078 #222 (gMed=208 rho12=0.302)**  
**Minimal media pH6**



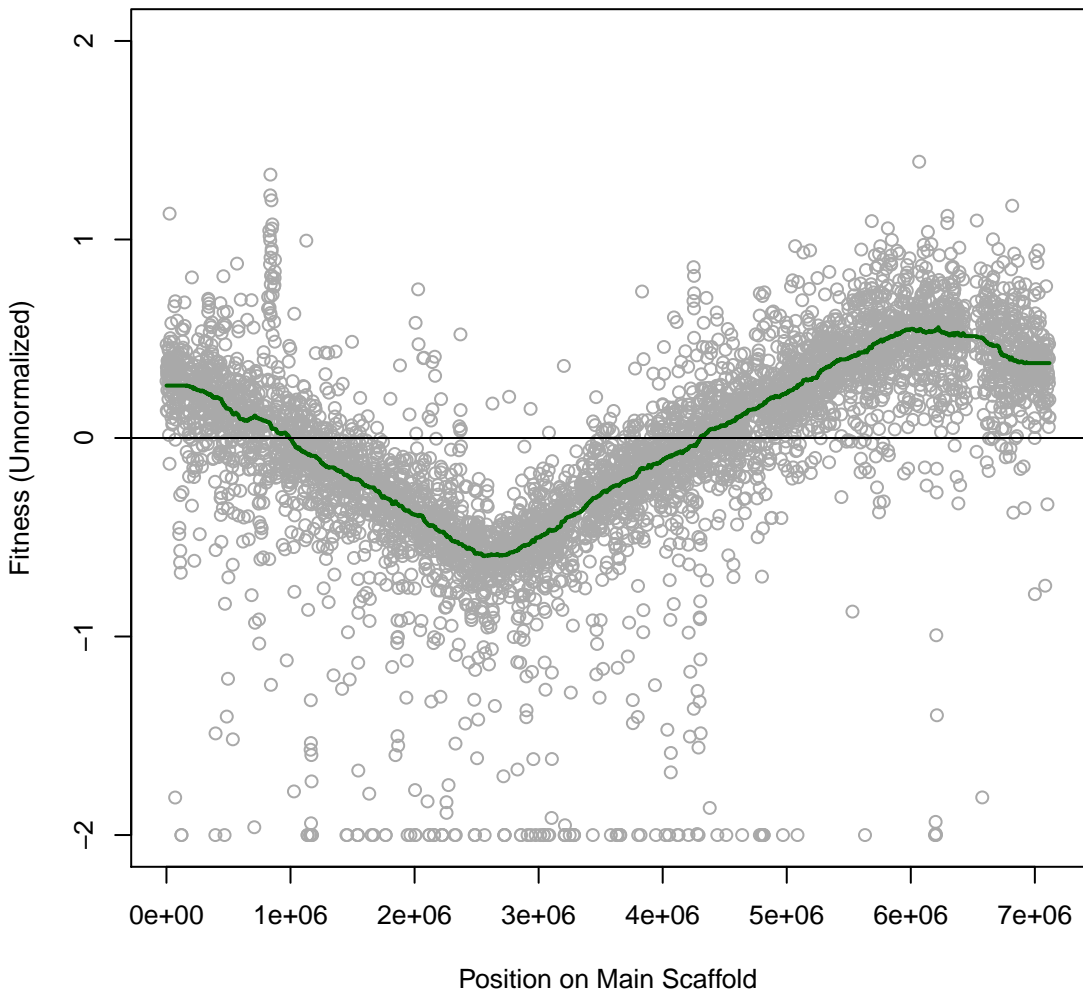
**pseudo5\_N2C3\_1 6IT079 #223 (gMed=216 rho12=0.282)**  
**Minimal media pH6**



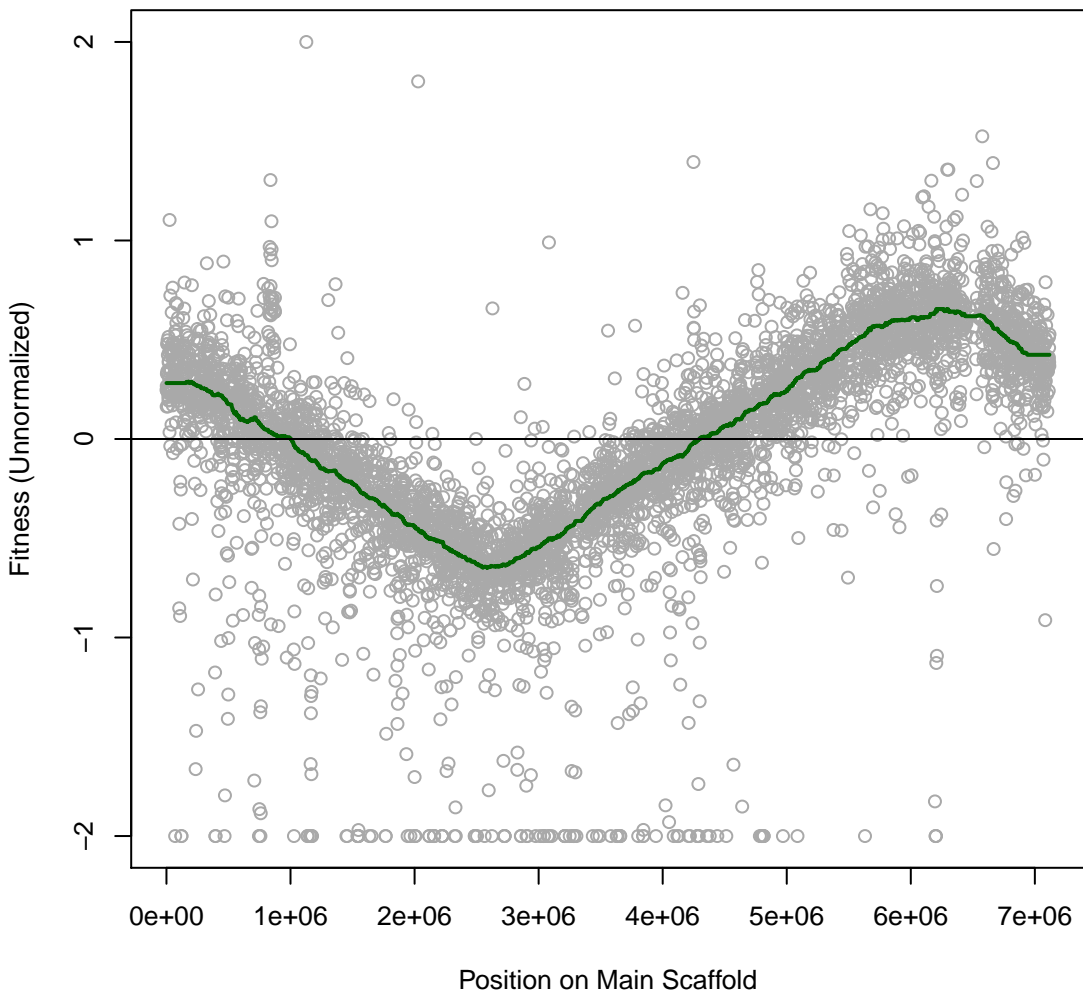
**pseudo5\_N2C3\_1 6IT080 #224 (gMed=194 rho12=0.220)**  
**Minimal media pH7**



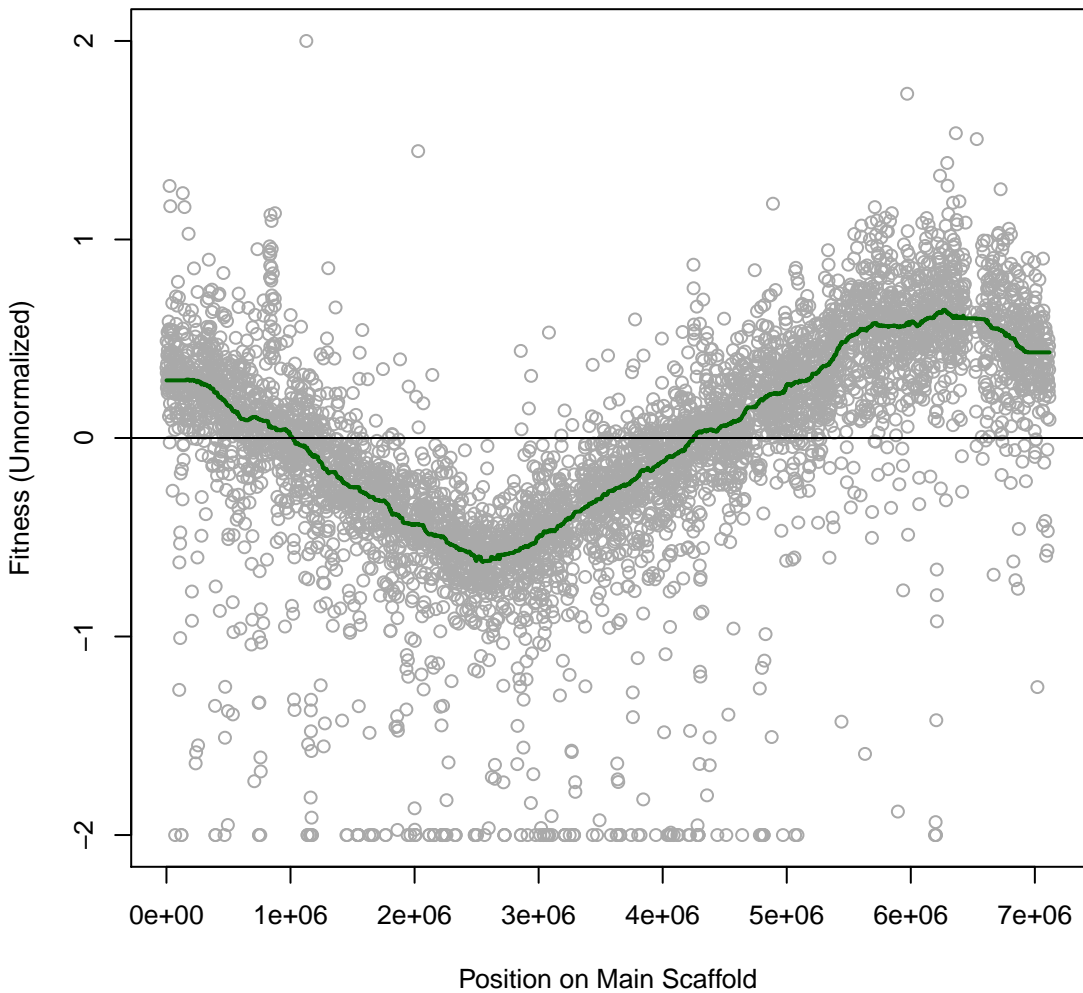
**pseudo5\_N2C3\_1 6IT081 #225 (gMed=178 rho12=0.206)**  
**Minimal media pH7**



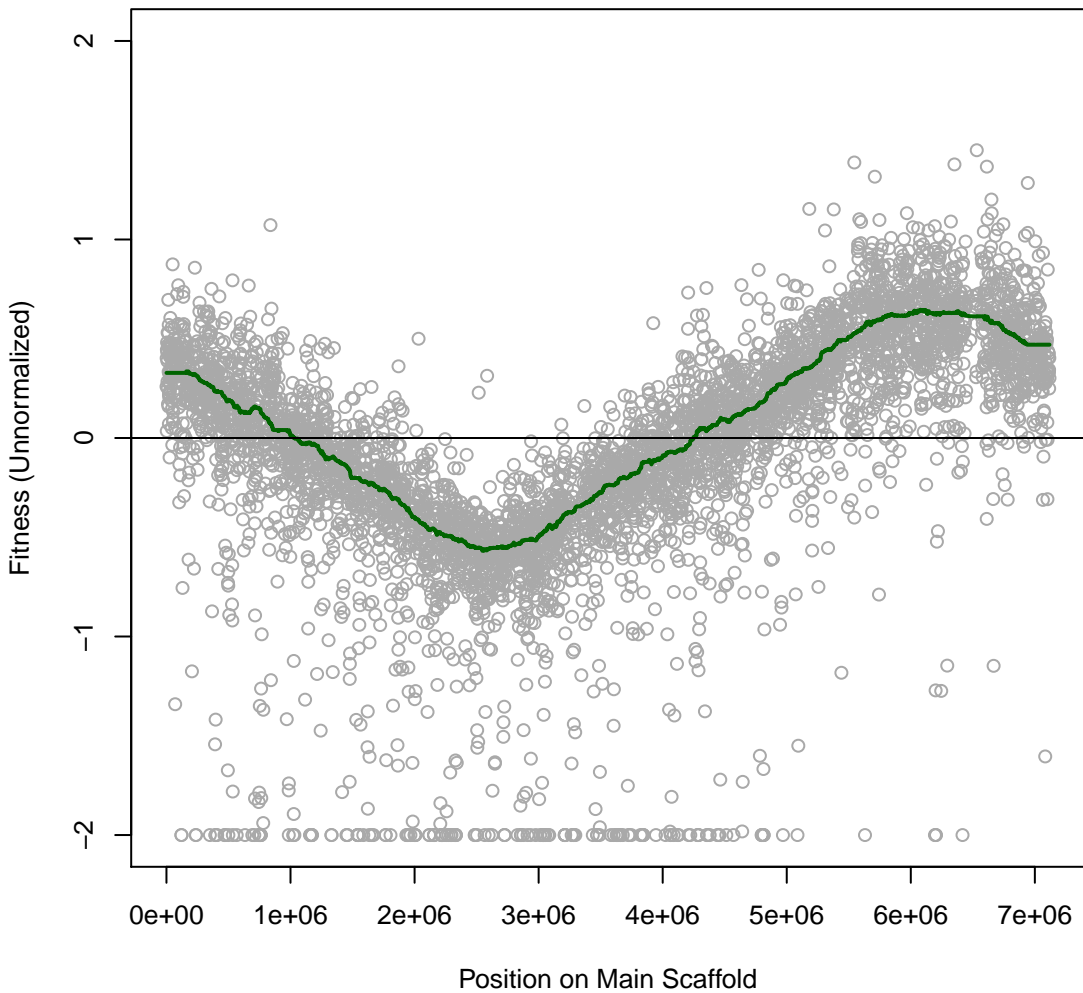
**pseudo5\_N2C3\_1 6IT082 #226 (gMed=202 rho12=0.200)**  
**Minimal media pH8**



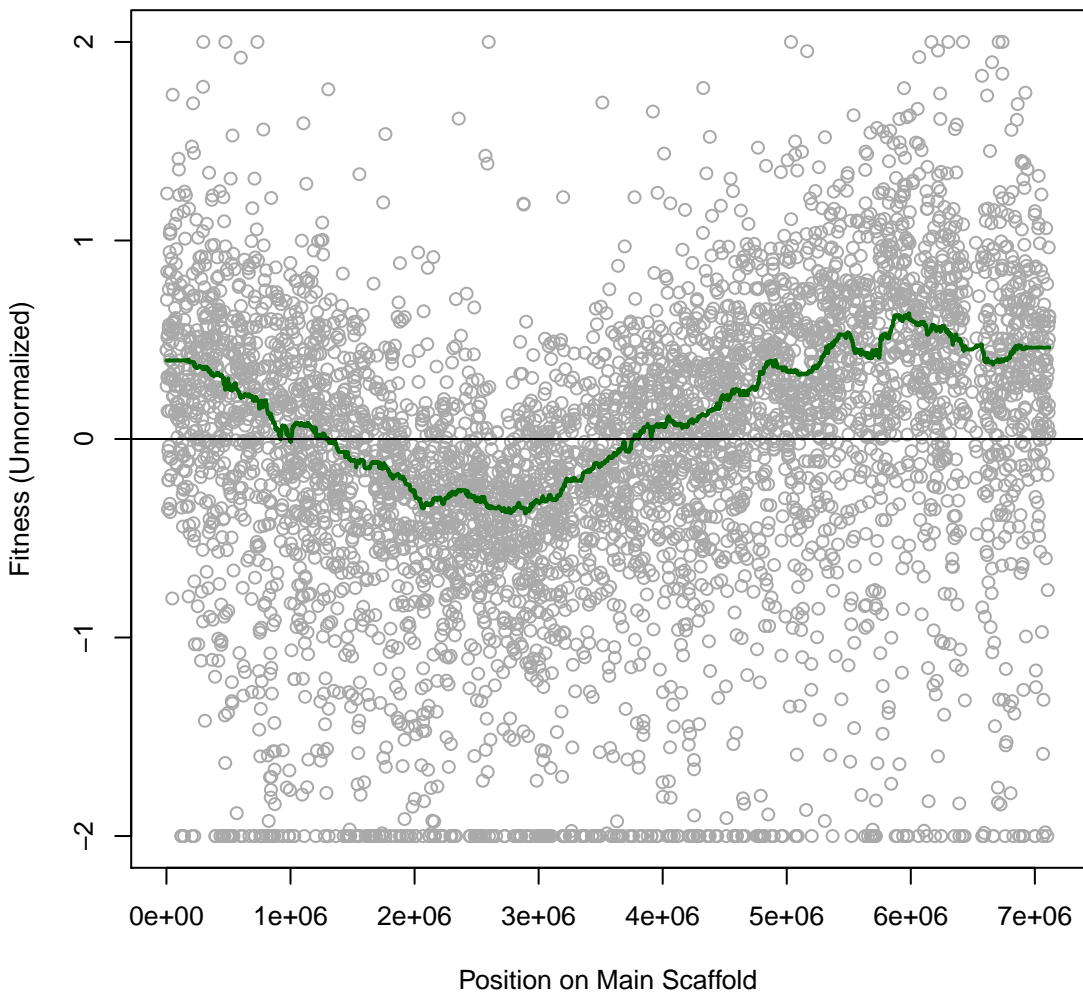
**pseudo5\_N2C3\_1 6IT083 #227 (gMed=129 rho12=0.189)**  
**Minimal media pH8**



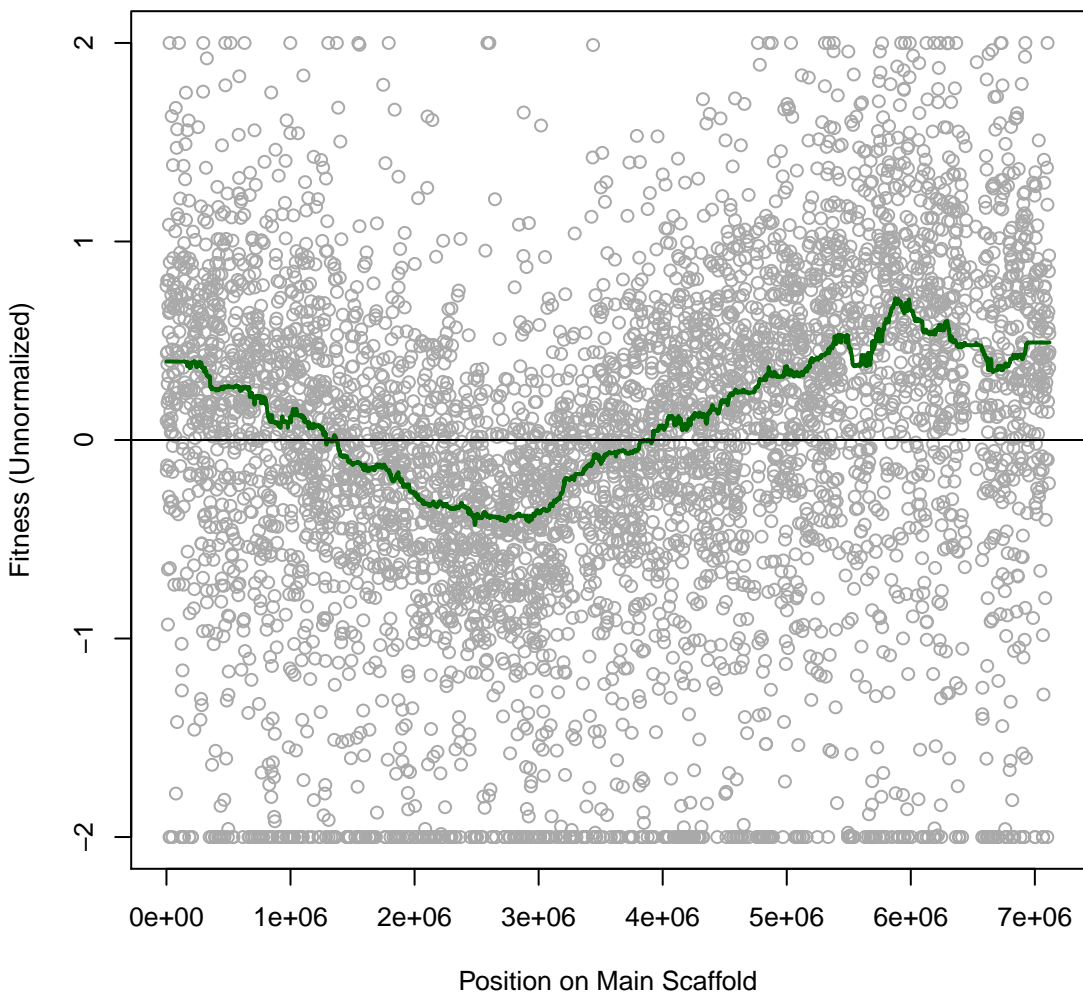
**pseudo5\_N2C3\_1 6IT085 #229 (gMed=124 rho12=0.293)**  
**Minimal media pH9**



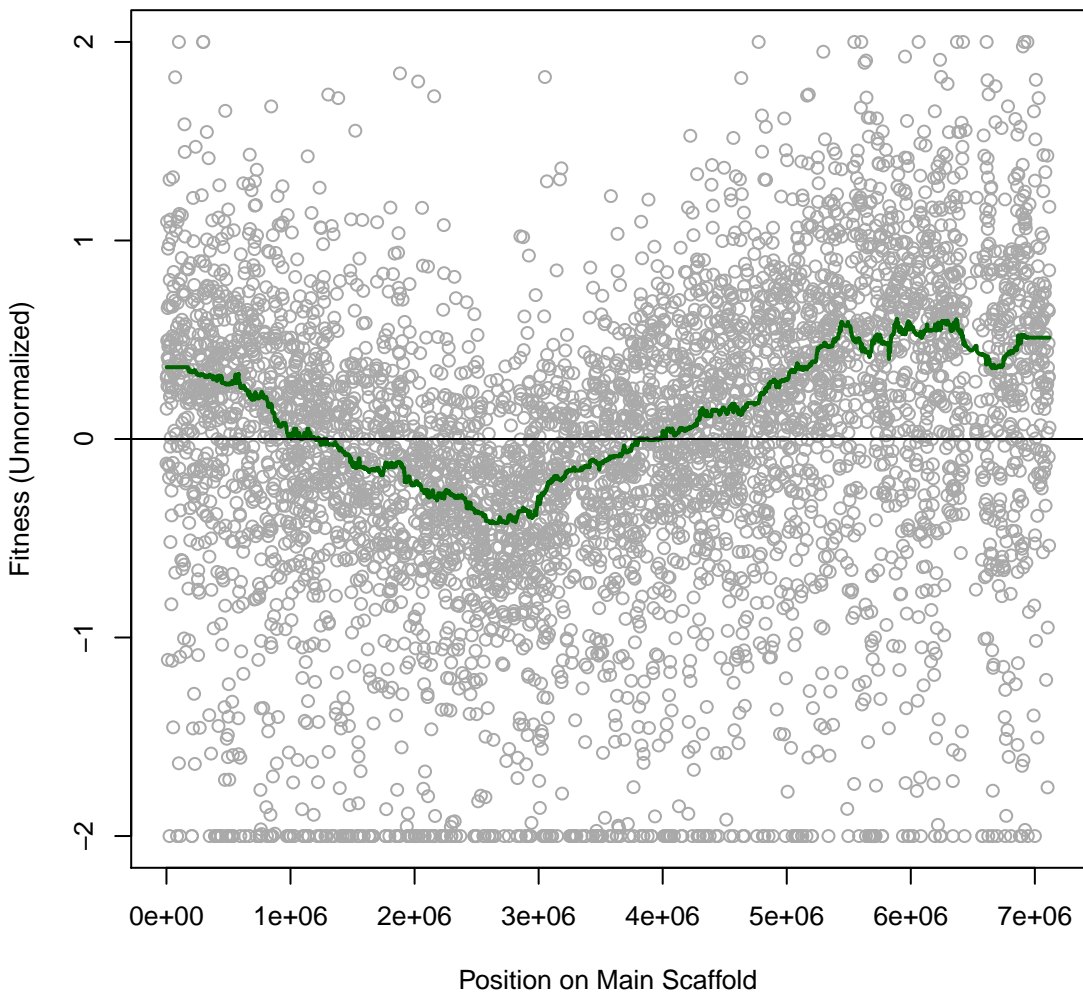
**pseudo5\_N2C3\_1 6IT086 #230 (gMed=81 rho12=0.191)**  
**Nitrate reduction**



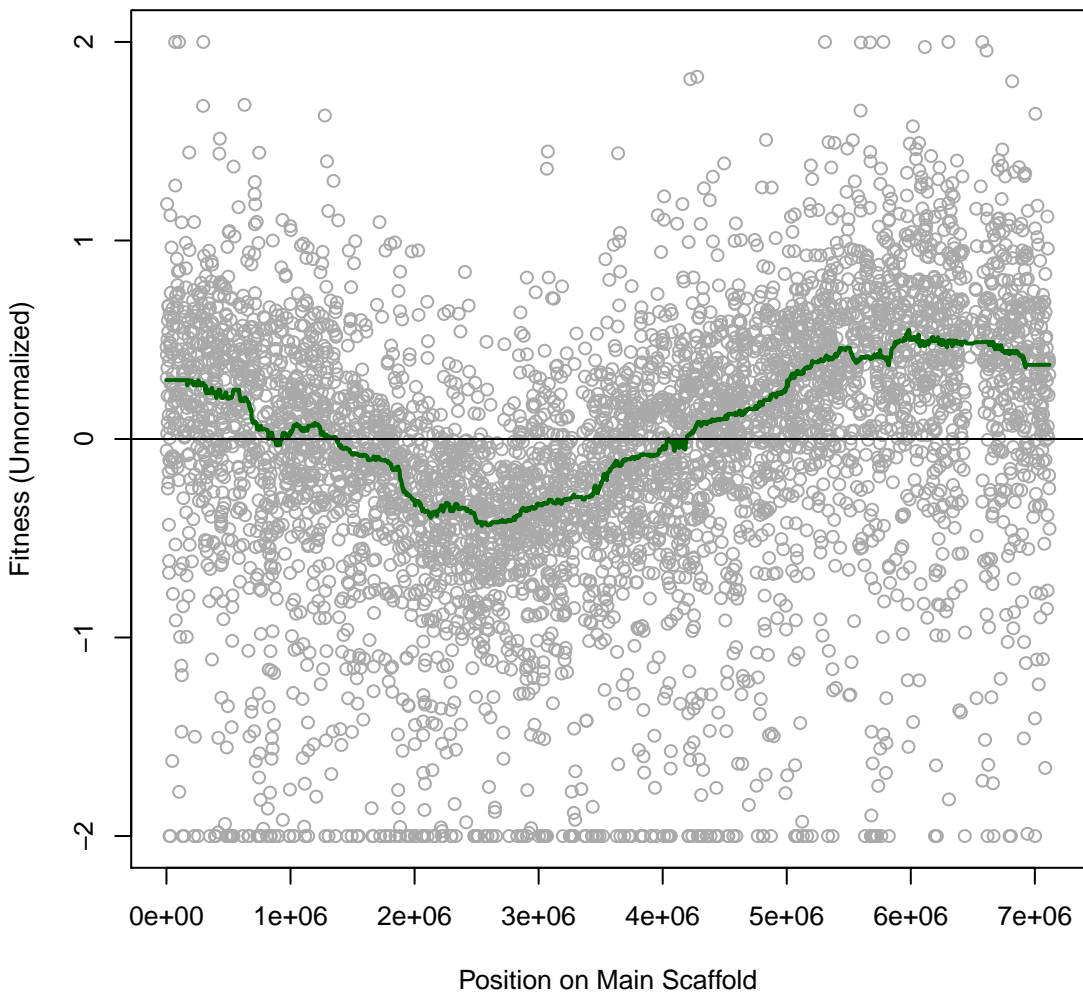
**pseudo5\_N2C3\_1 6IT087 #231 (gMed=180 rho12=0.141)**  
**Nitrate reduction**



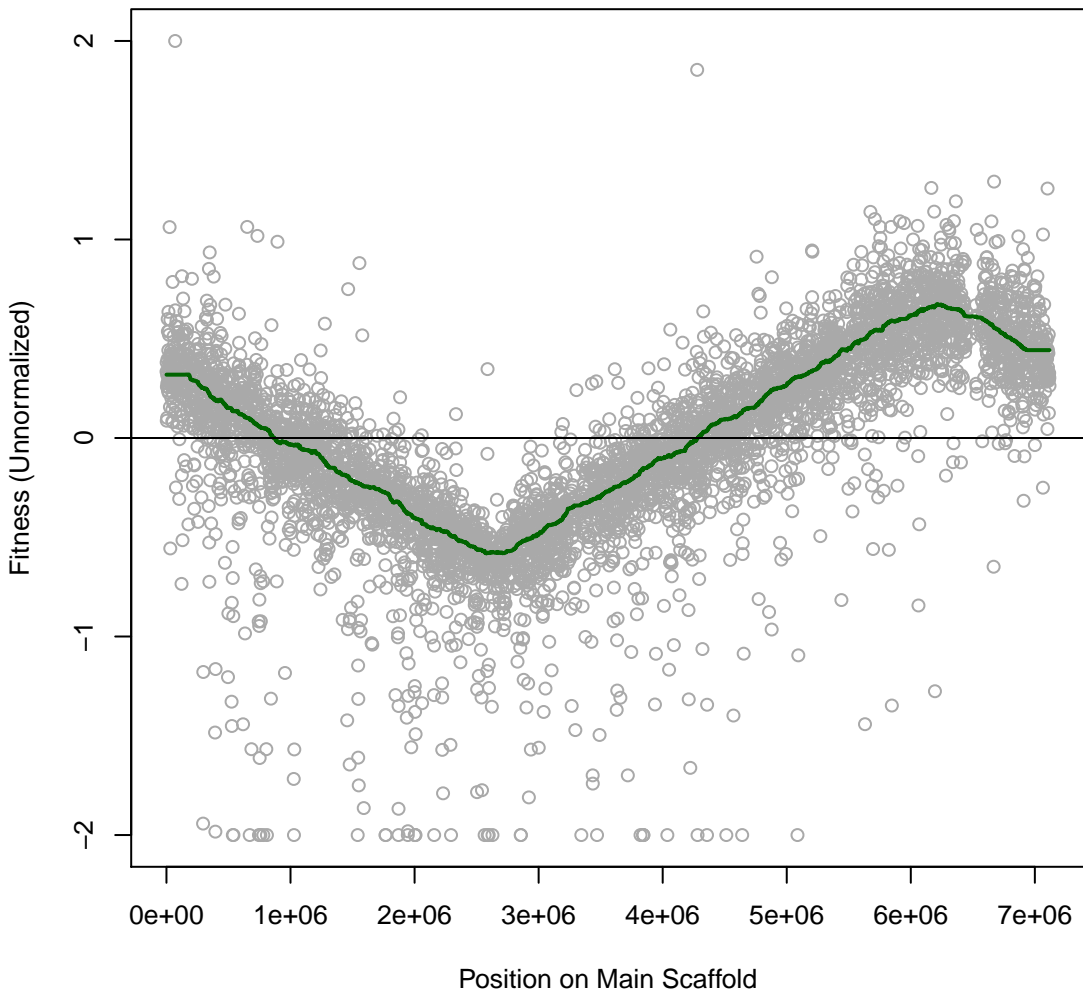
**pseudo5\_N2C3\_1 6IT088 #232 (gMed=89 rho12=0.138)**  
**Nitrate reduction with yeast extract**



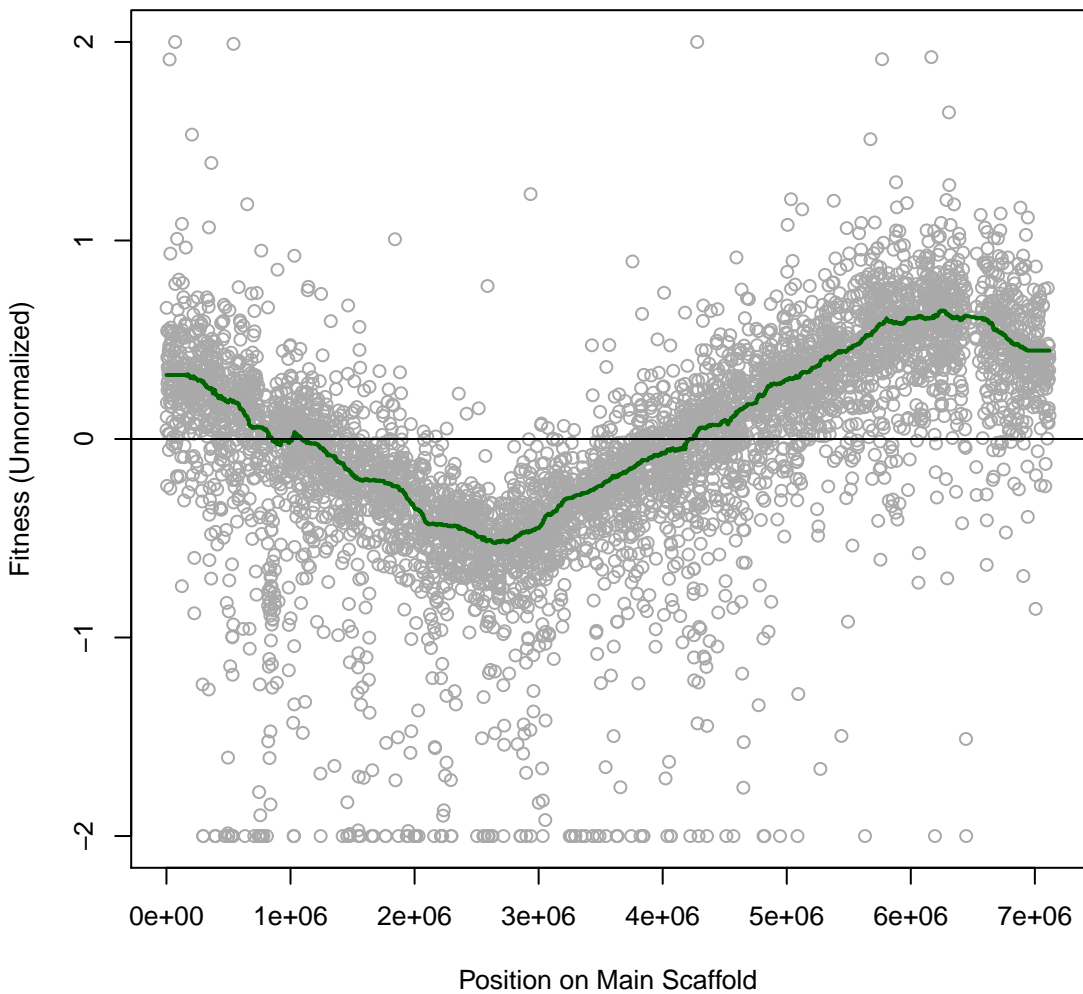
**pseudo5\_N2C3\_1 6IT089 #233 (gMed=93 rho12=0.175)**  
**Nitrate reduction with yeast extract**



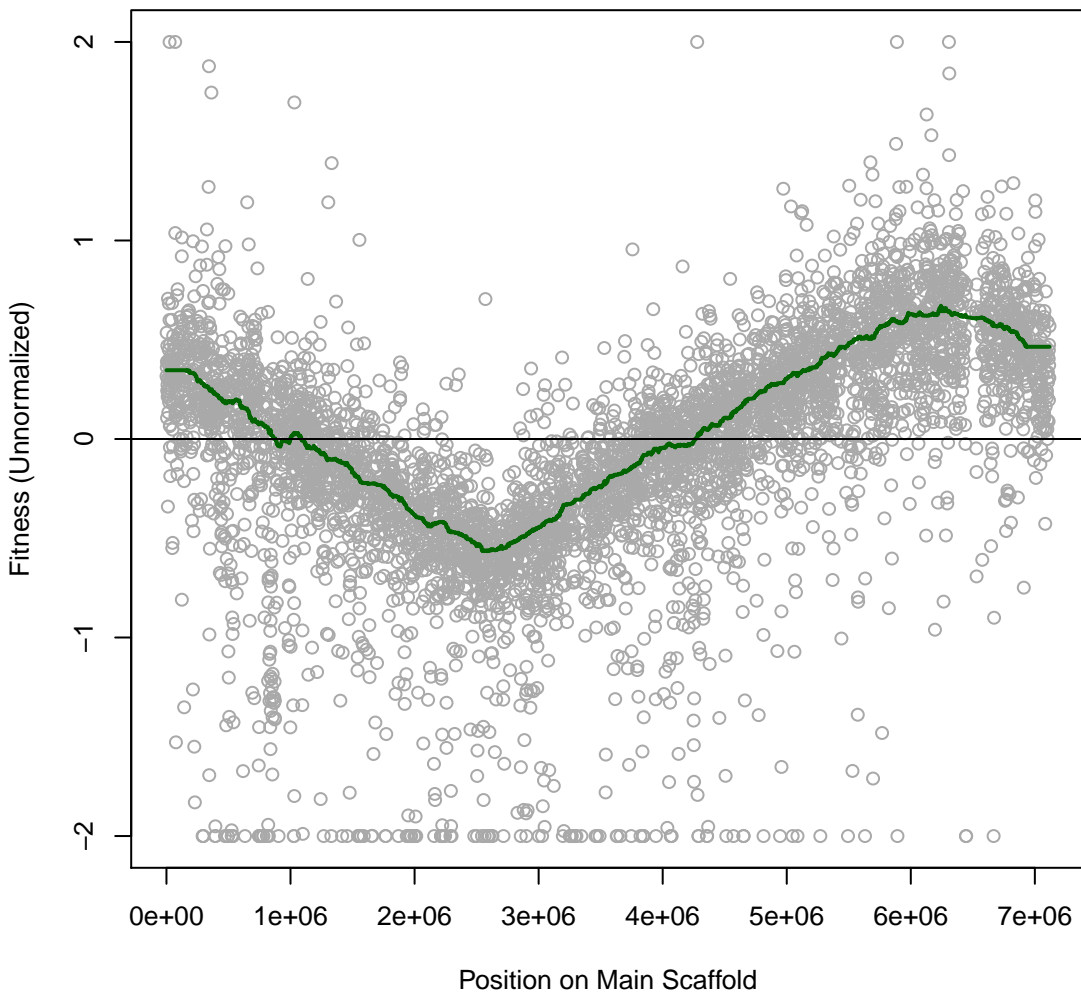
**pseudo5\_N2C3\_1 6IT090 #234 (gMed=135 rho12=0.132)**  
**4C survival; 24 hrs**



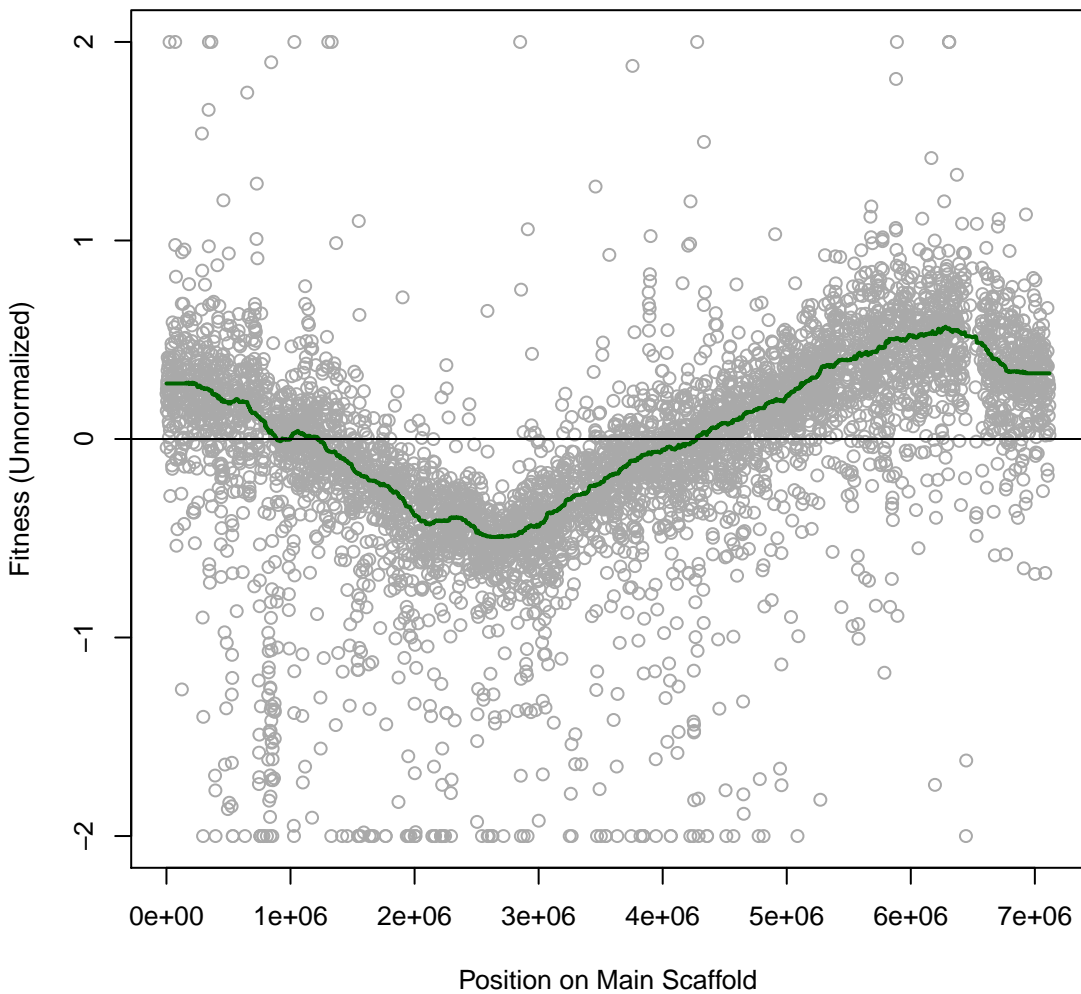
**pseudo5\_N2C3\_1 6IT091 #235 (gMed=86 rho12=0.231)**  
**4C survival; 192 hrs**



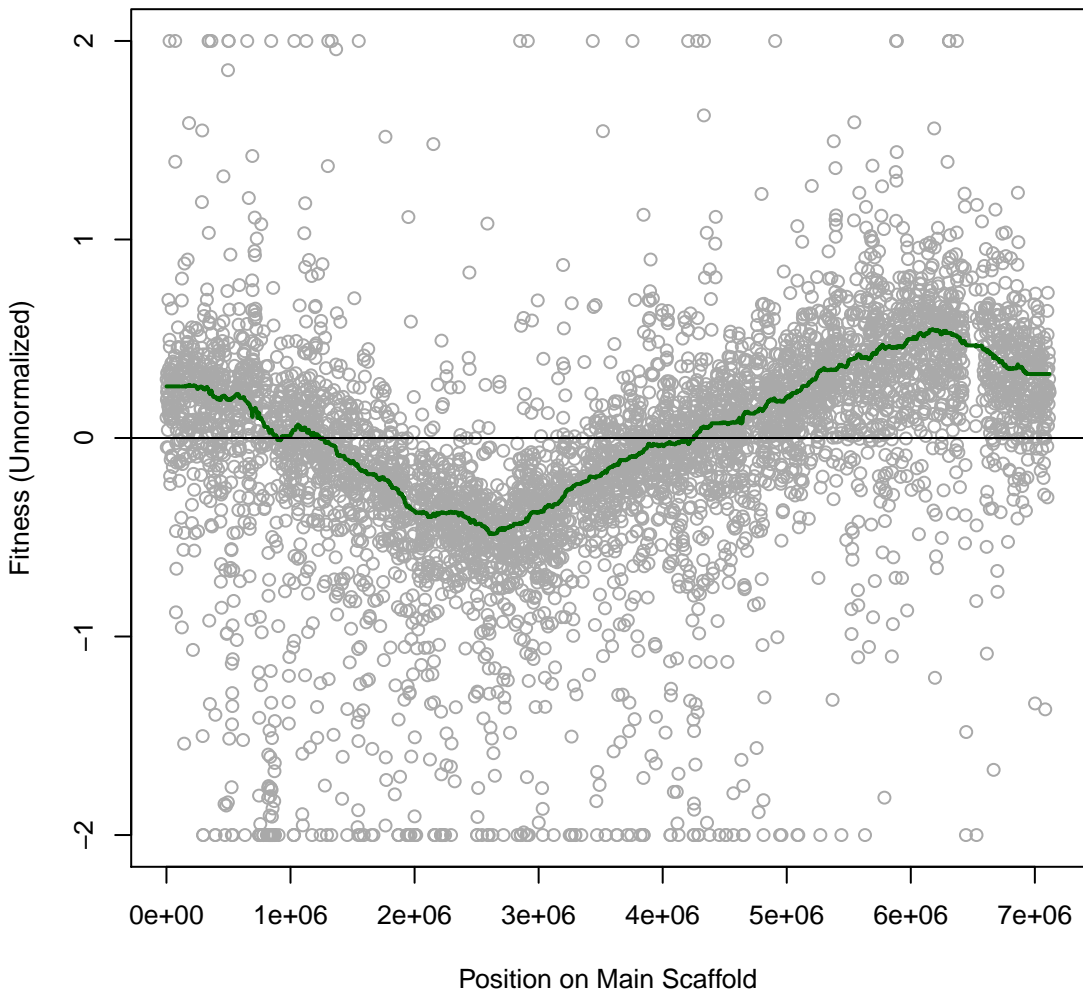
**pseudo5\_N2C3\_1 6IT092 #236 (gMed=69 rho12=0.256)**  
**4C survival; 360 hrs**



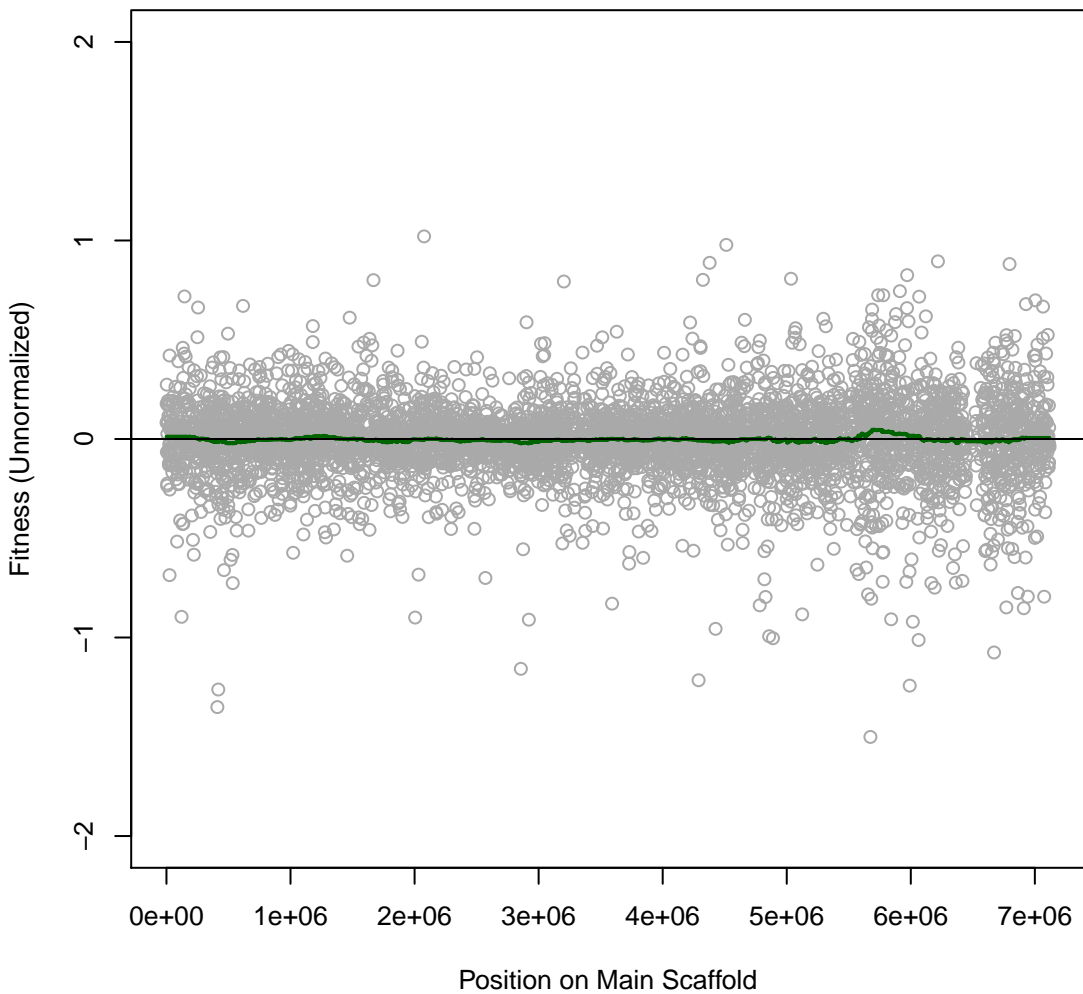
**pseudo5\_N2C3\_1 6IT093 #237 (gMed=122 rho12=0.315)**  
**4C survival; 672 hrs**



**pseudo5\_N2C3\_1 6IT094 #238 (gMed=80 rho12=0.358)**  
**4C survival; 1152 hrs**



pseudo5\_N2C3\_1 6IT095 #239 (gMed=178 rho12=-0.024)  
Time0



pseudo5\_N2C3\_1 6IT096 #240 (gMed=172 rho12=0.022)  
Time0

