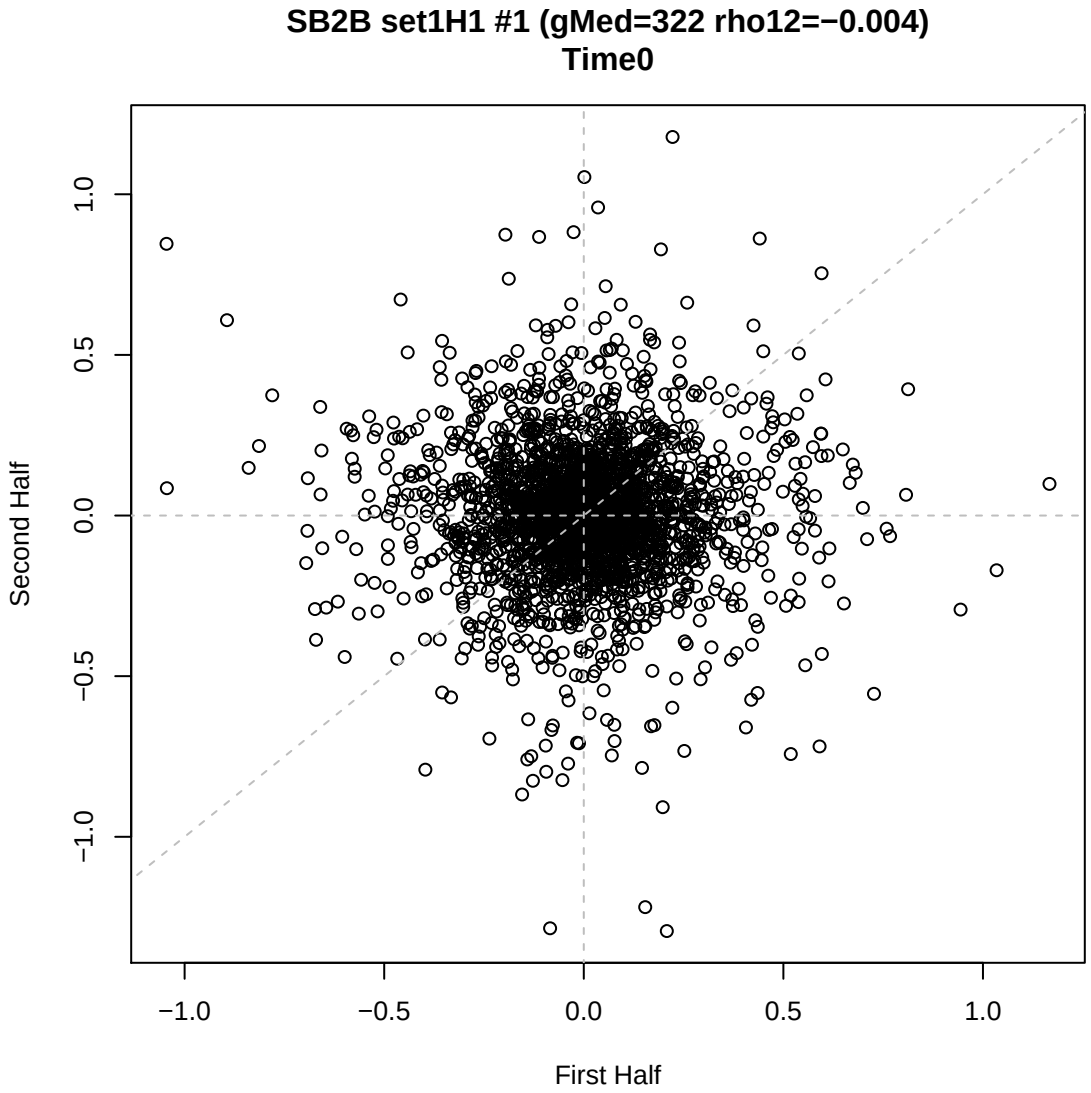
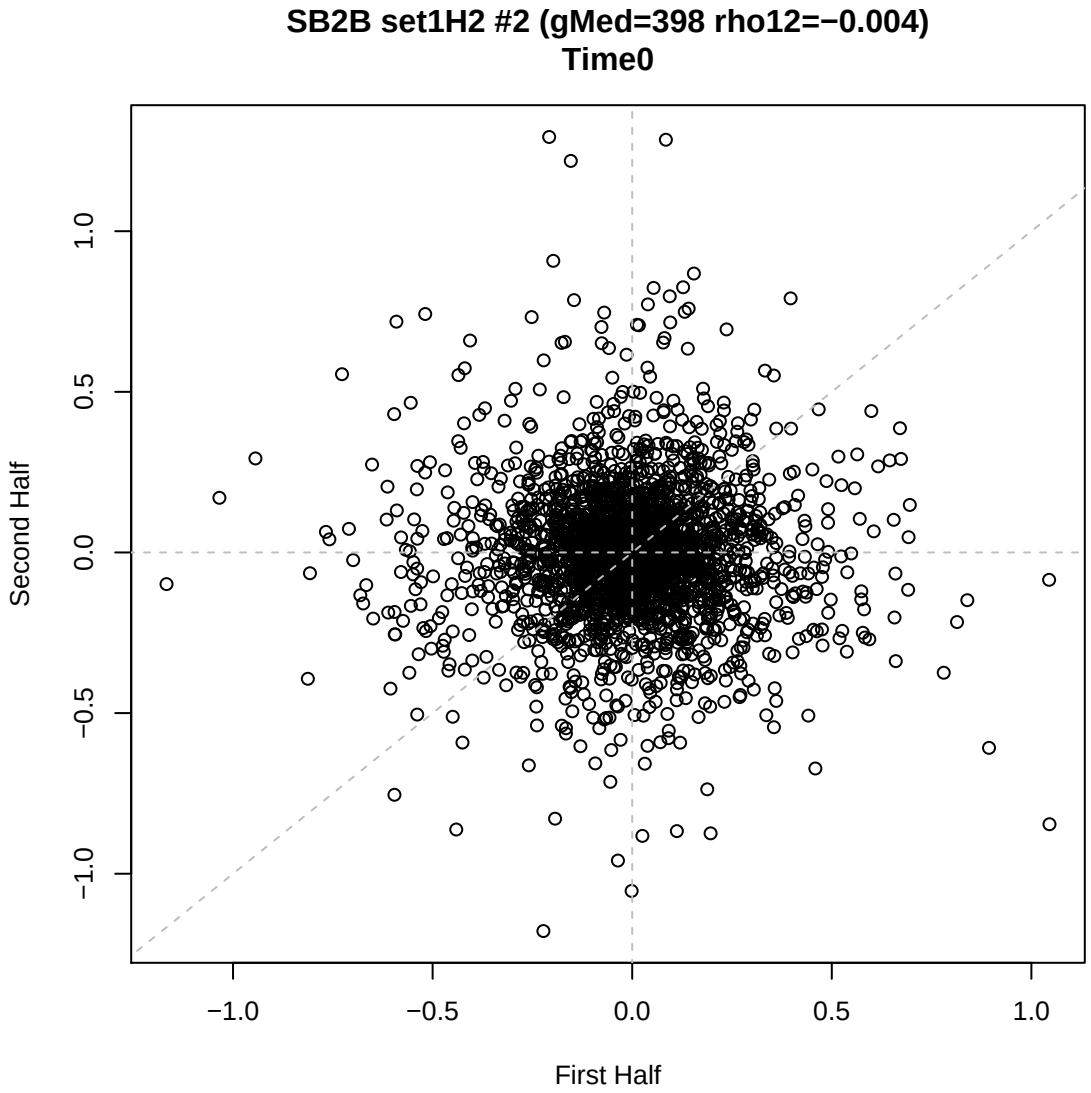
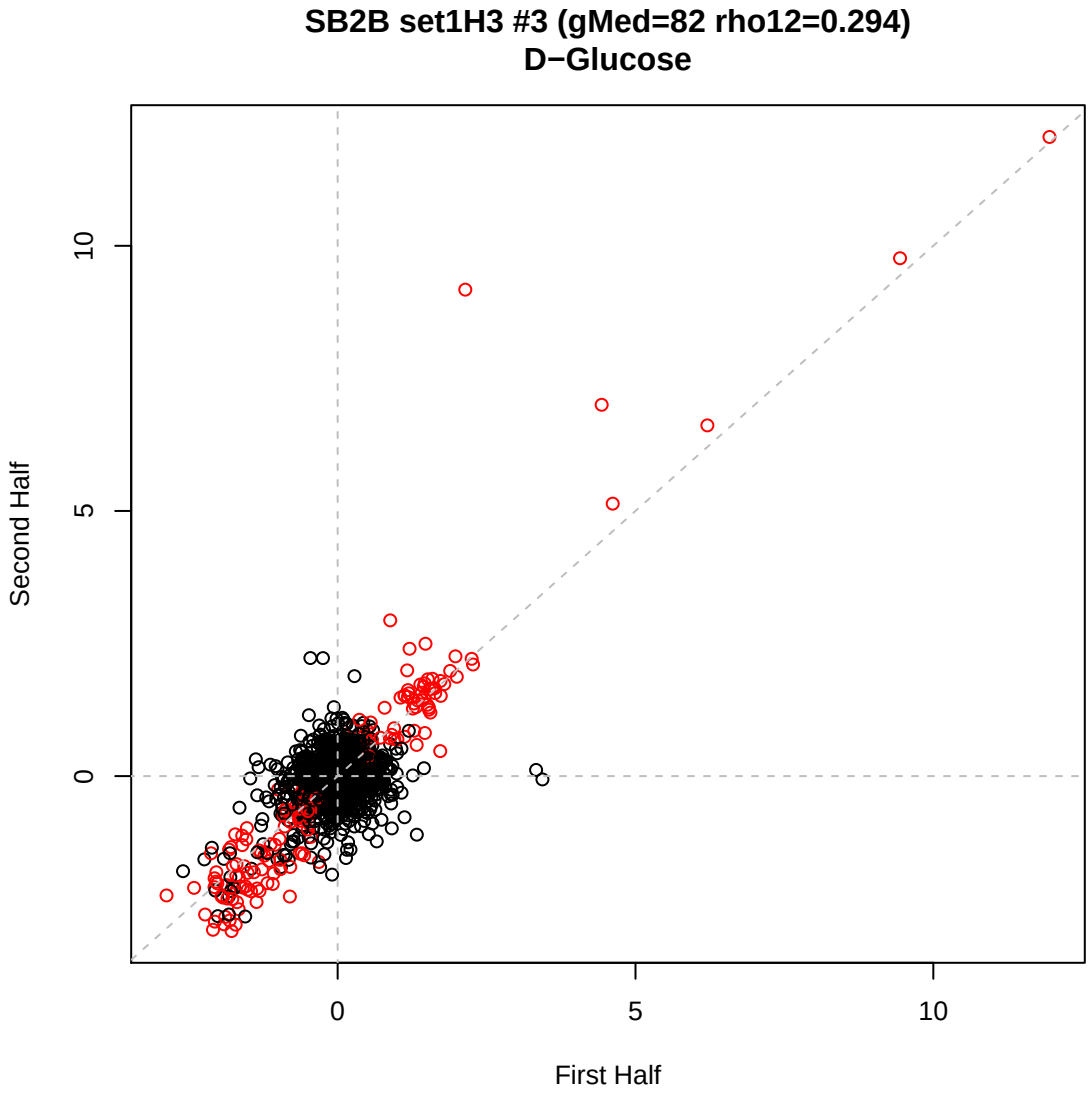
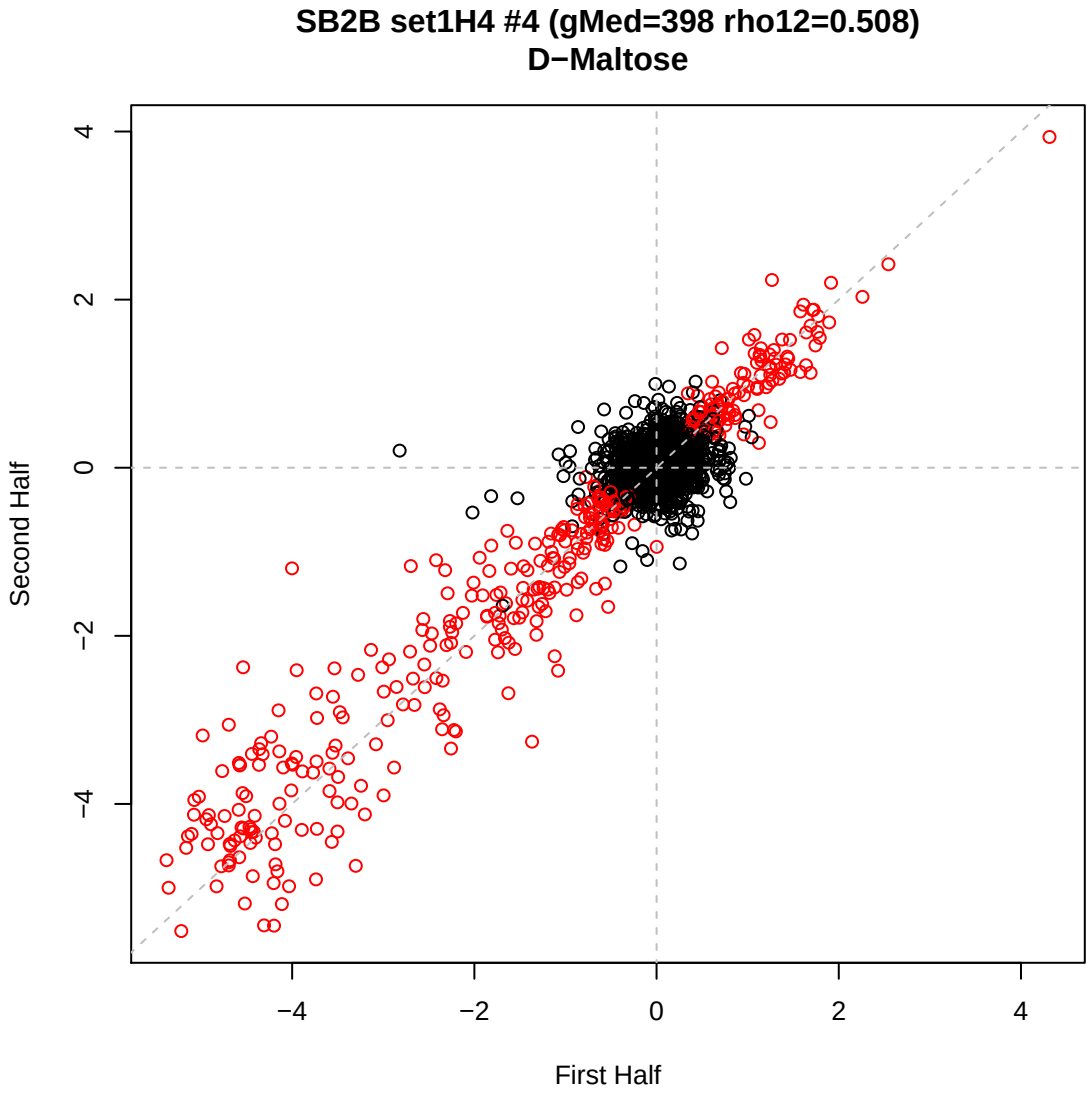
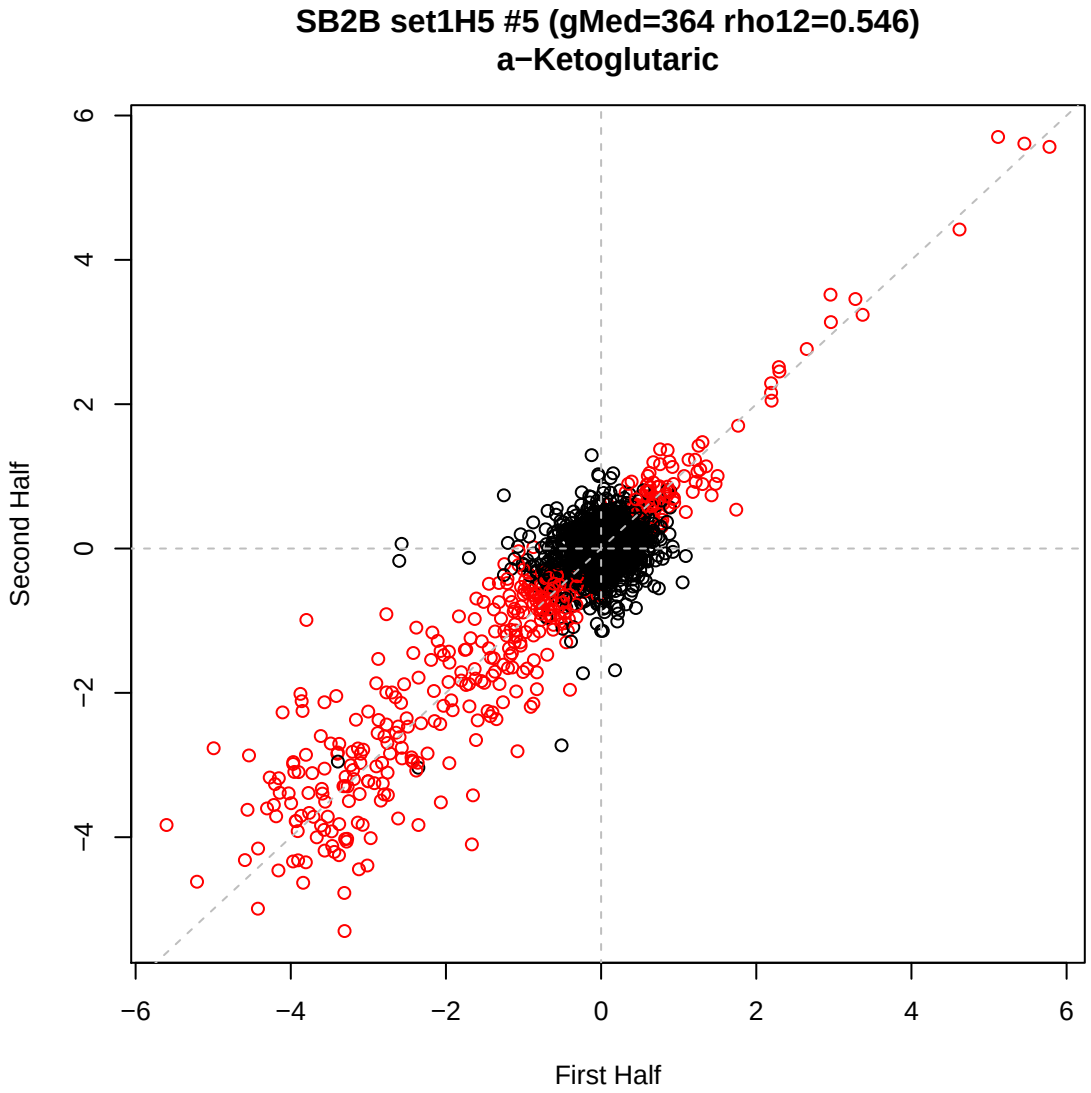
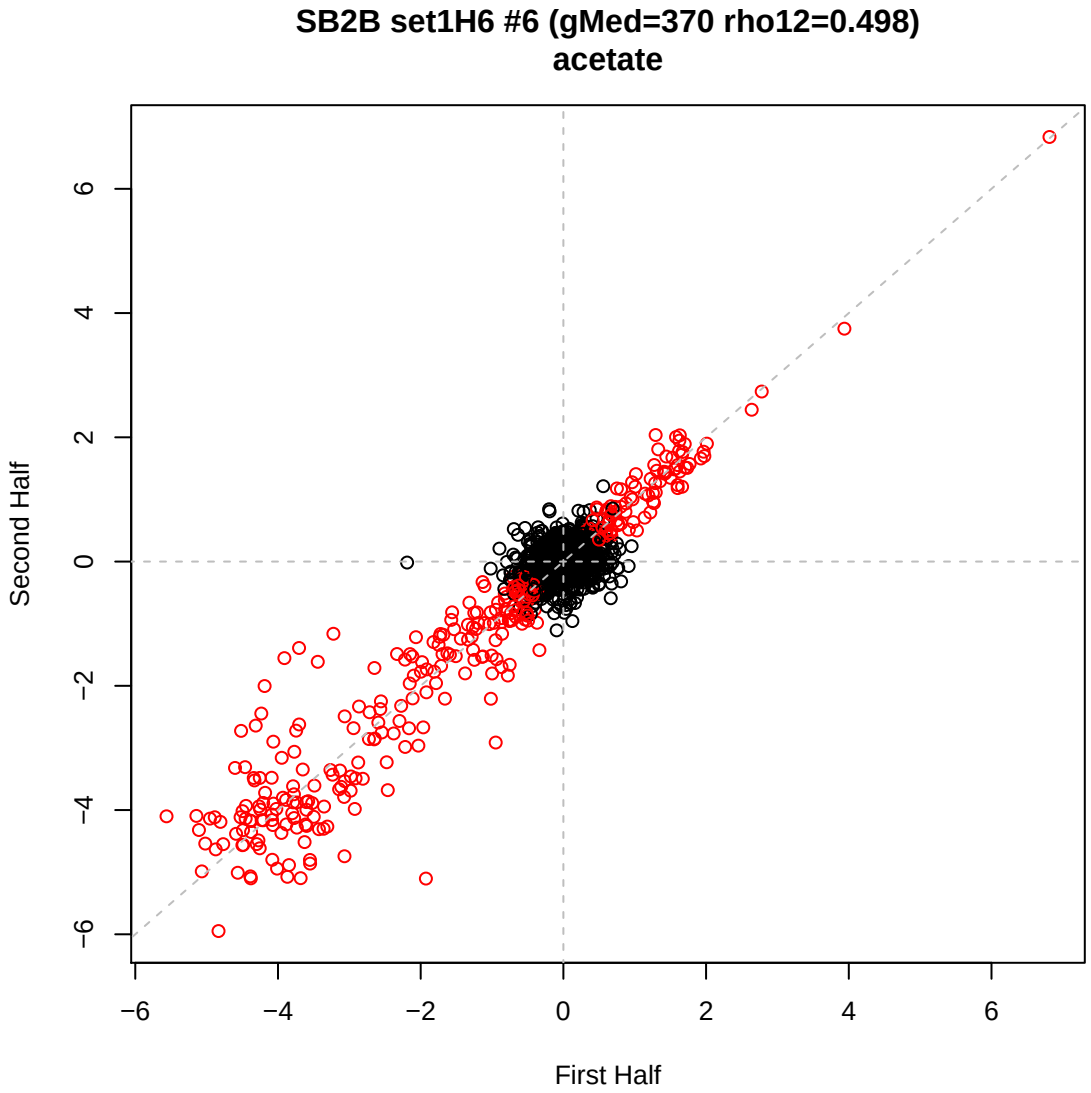

SB2B set1H1 #1 (gMed=322 rho12=−0.004)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

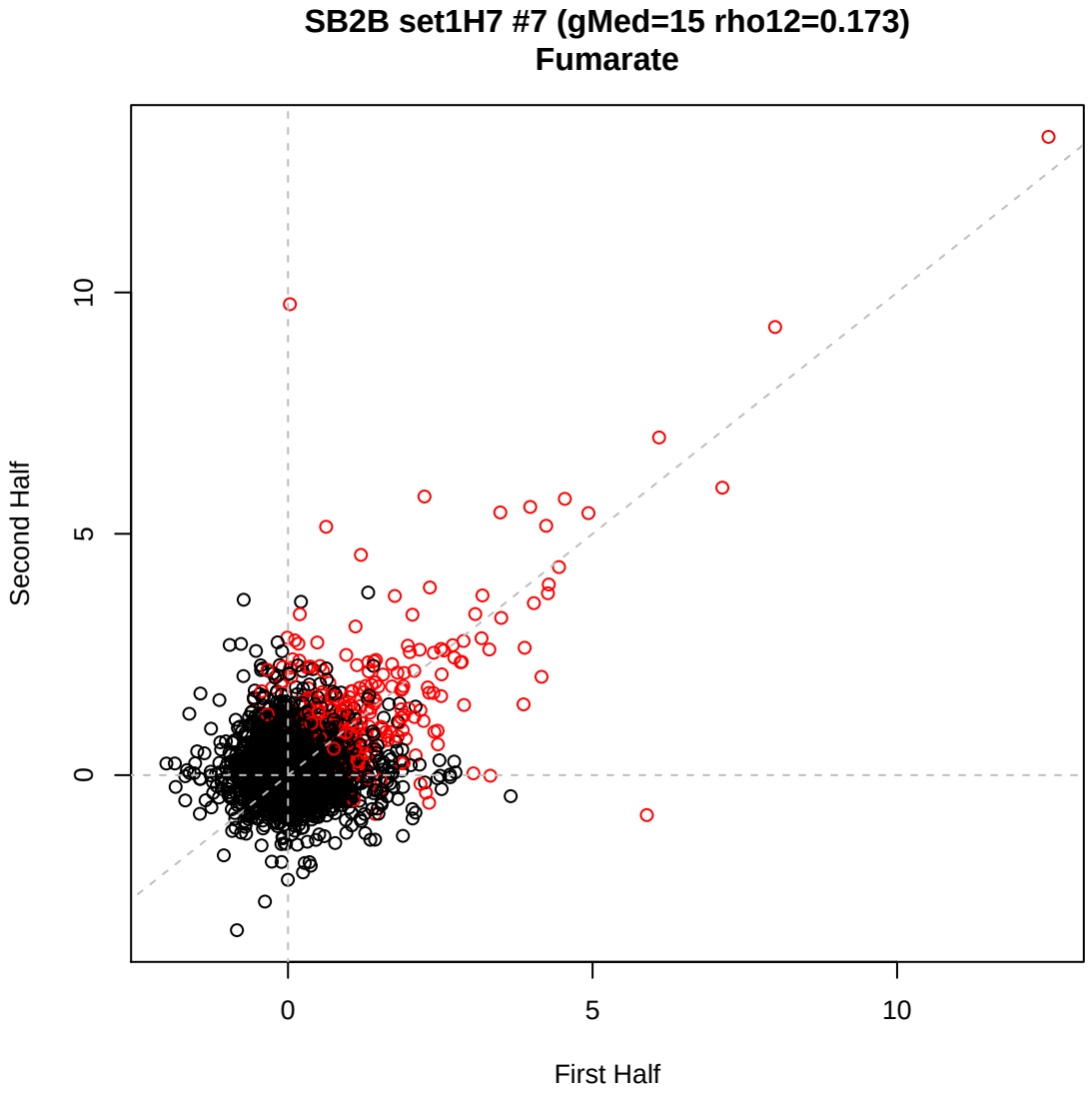

SB2B set1H2 #2 (gMed=398 rho12=−0.004)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

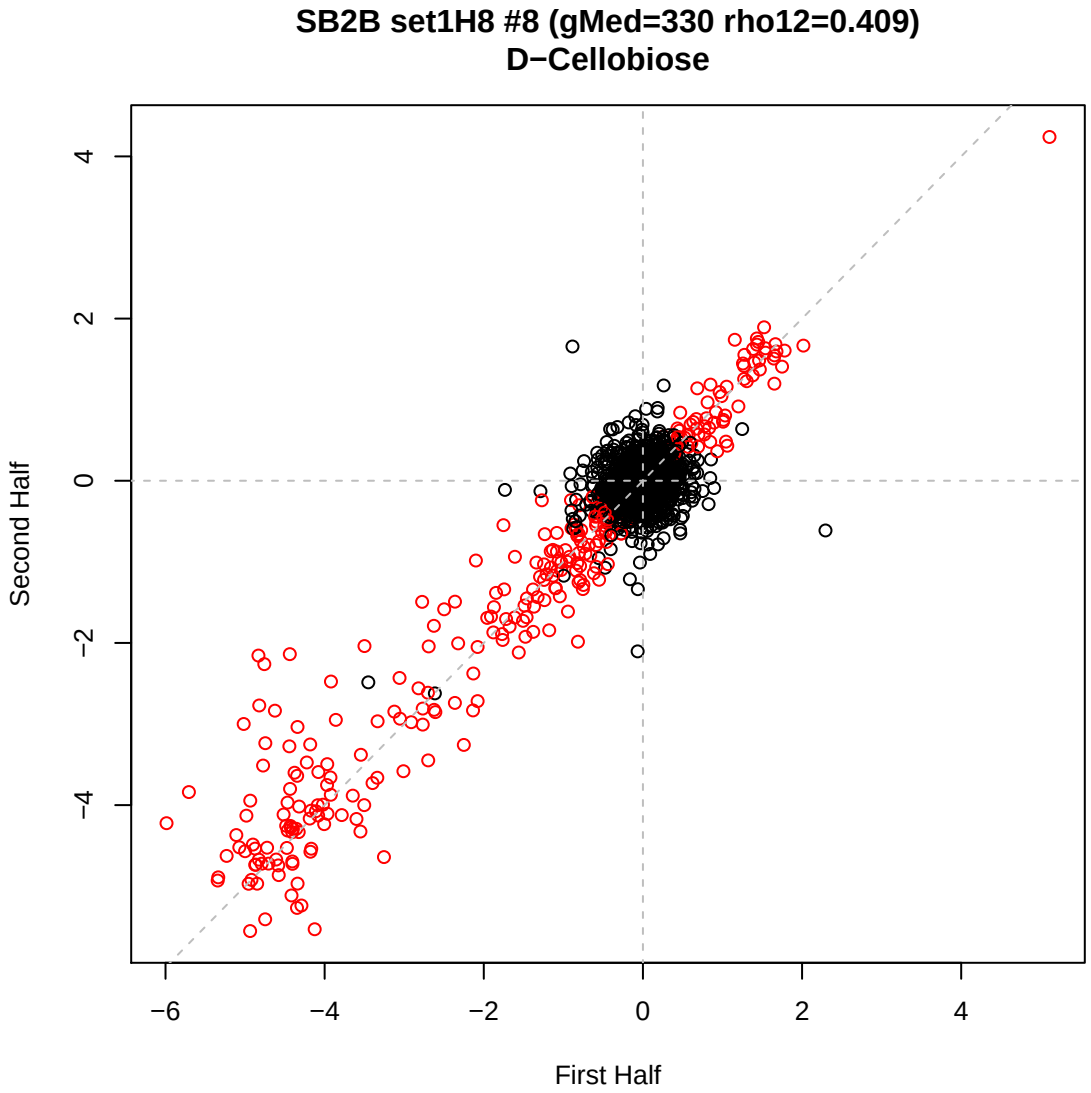

SB2B set1H3 #3 (gMed=82 rho12=0.294)
D−Glucose
Second Half
First Half
0
5
10
0
5
10

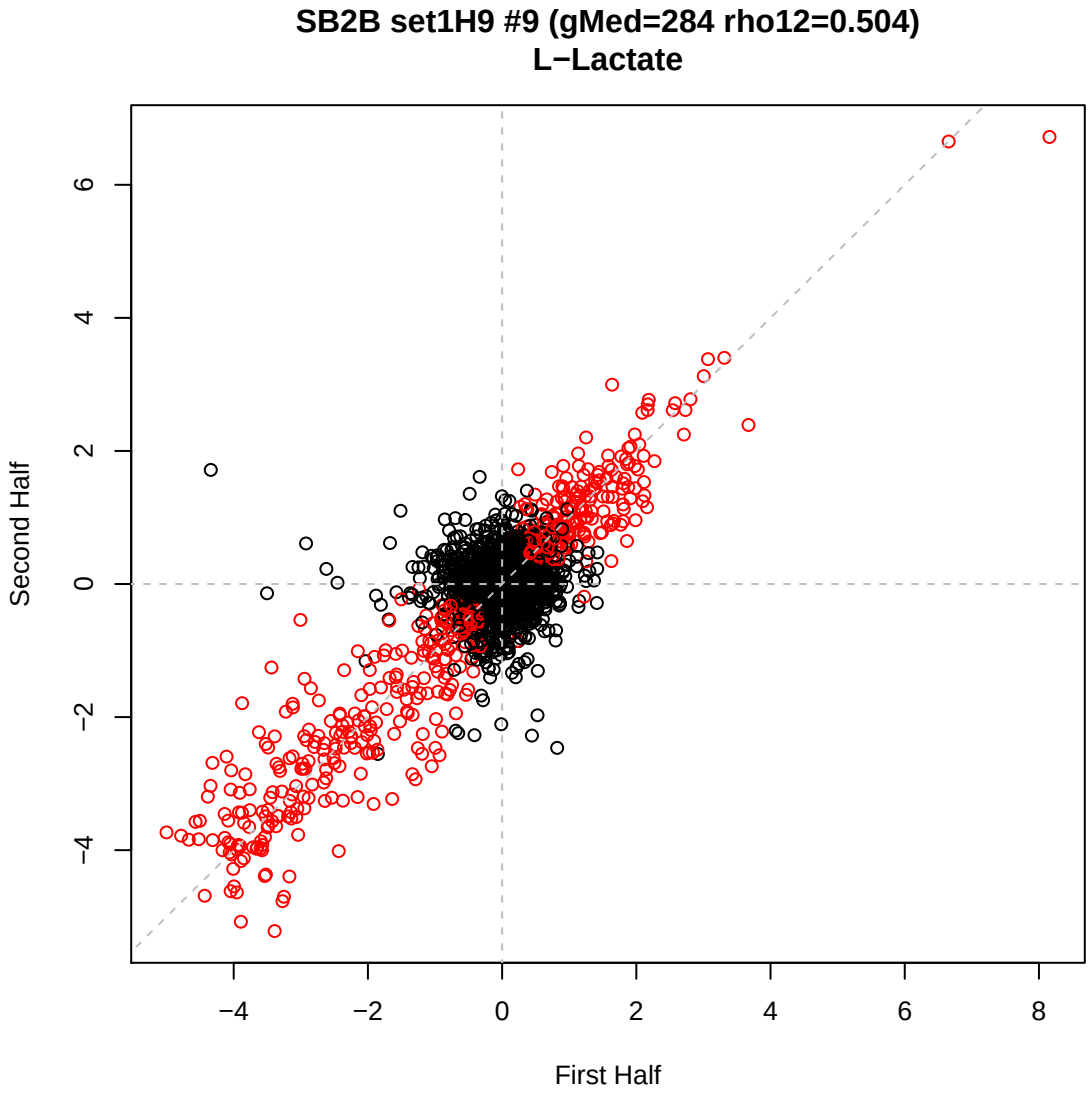

SB2B set1H4 #4 (gMed=398 rho12=0.508)
D−Maltose
Second Half
First Half
4
2
0
−2
−4
−4
−2
0
2
4

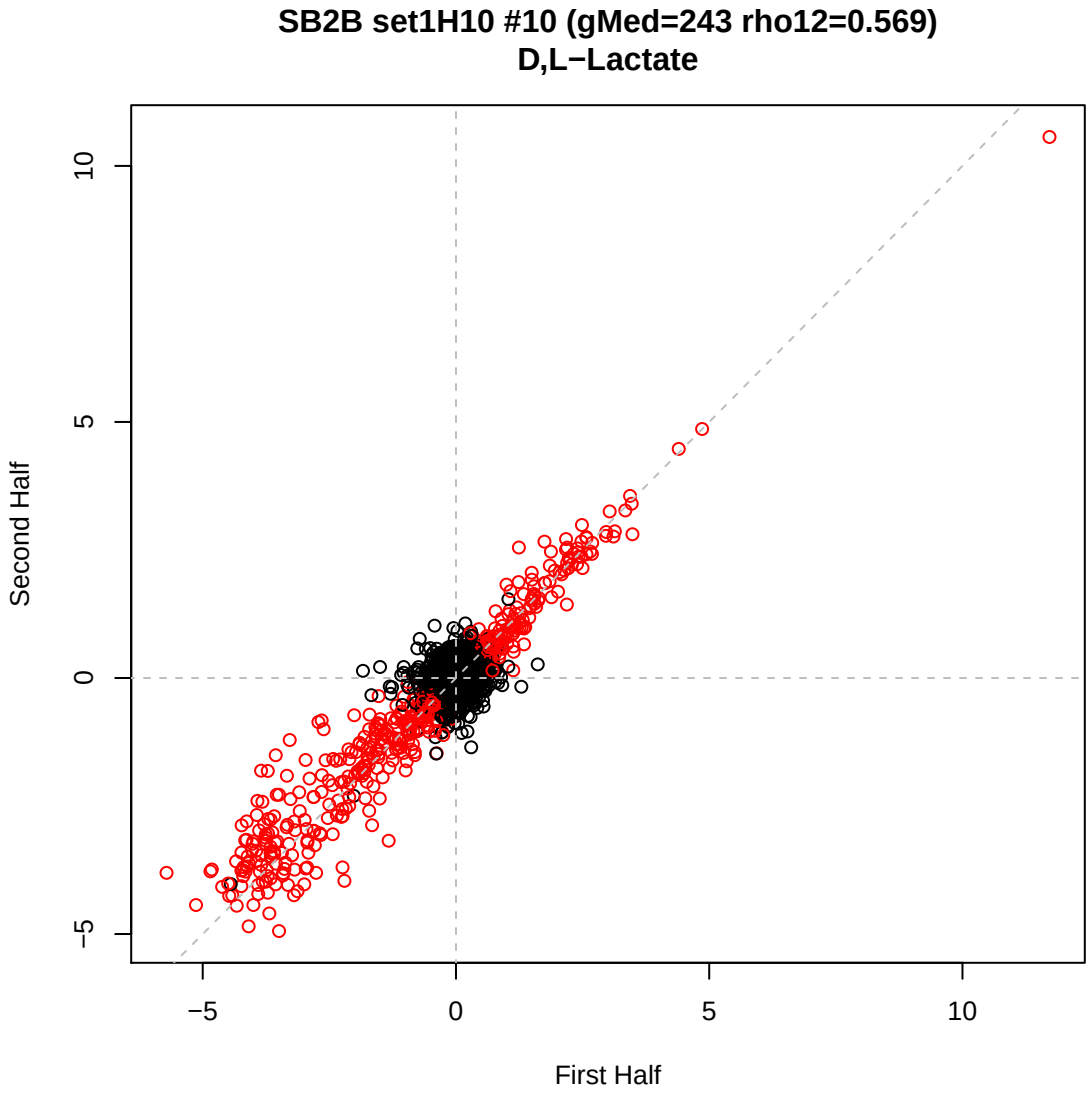

SB2B set1H5 #5 (gMed=364 rho12=0.546)
a−Ketoglutaric
Second Half
First Half
6
4
2
0
−2
−4
−6
−4
−2
0
2
4
6

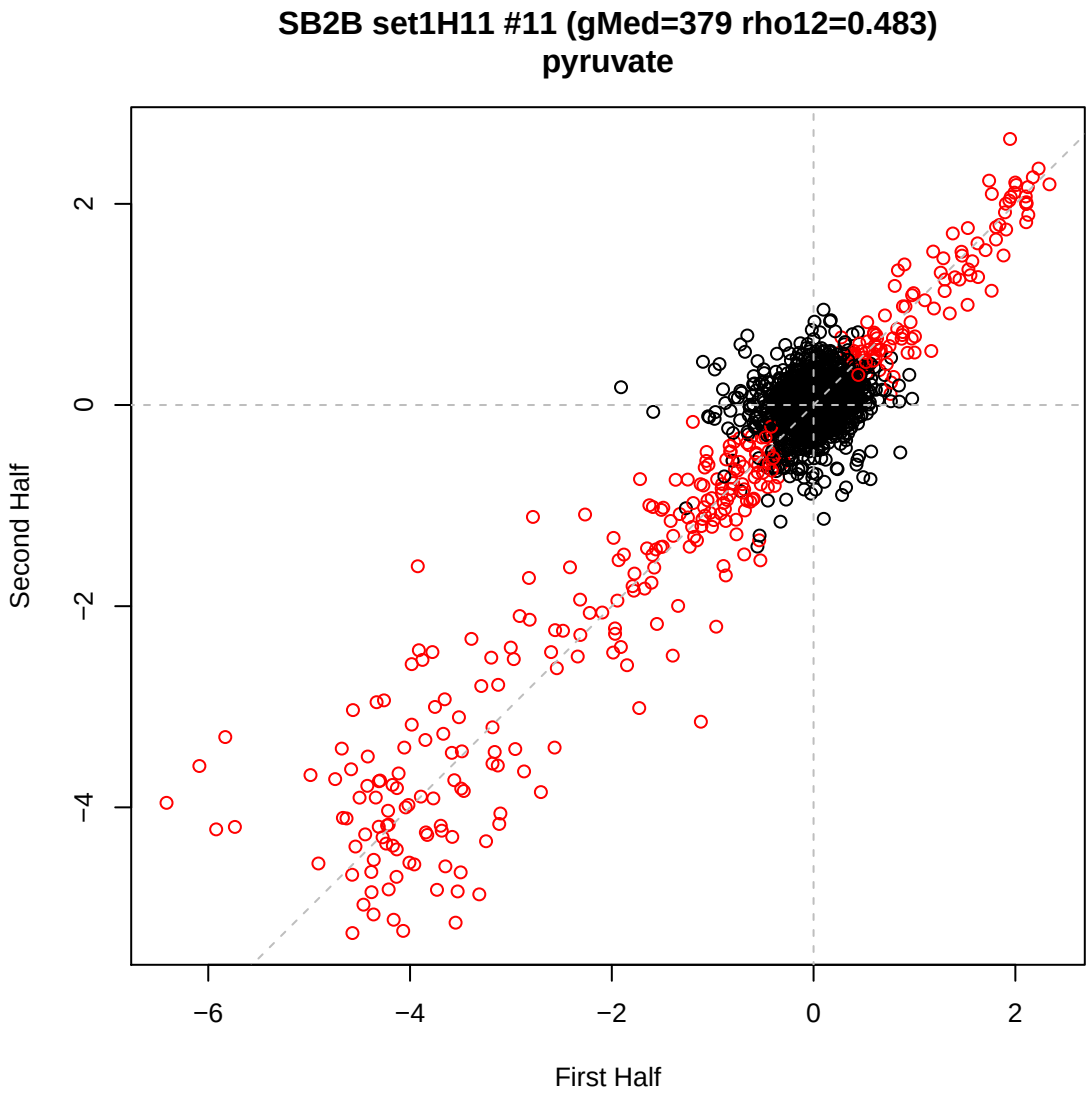

SB2B set1H6 #6 (gMed=370 rho12=0.498)
acetate
Second Half
First Half
−6
−4
−2
0
2
4
6

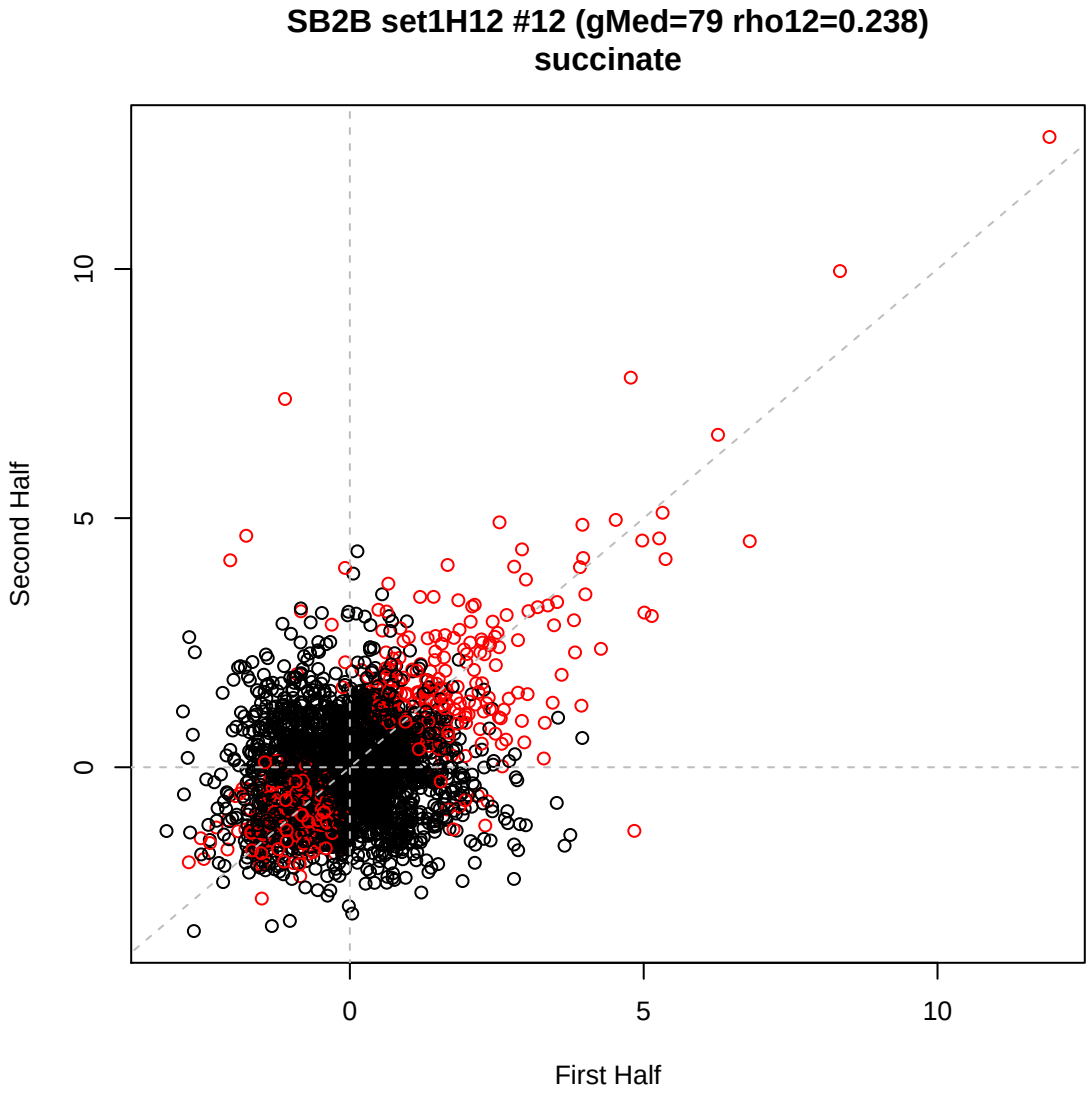

SB2B set1H7 #7 (gMed=15 rho12=0.173)
Fumarate
Second Half
First Half
0
5
10
0
5
10

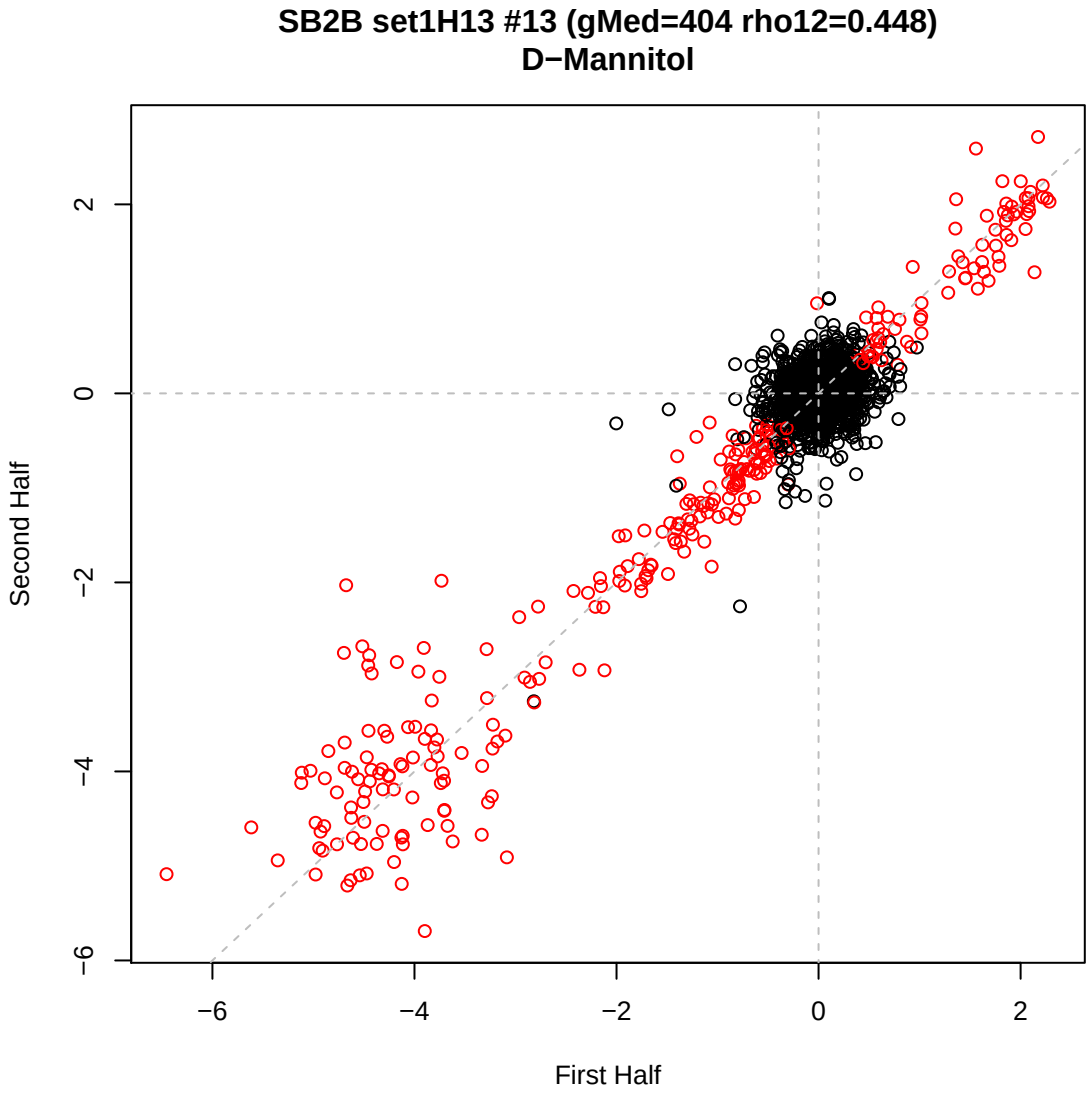

SB2B set1H8 #8 (gMed=330 rho12=0.409)
D−Cellobiose
Second Half
First Half
4
2
0
−2
−4
−6
−4
−2
0
2
4

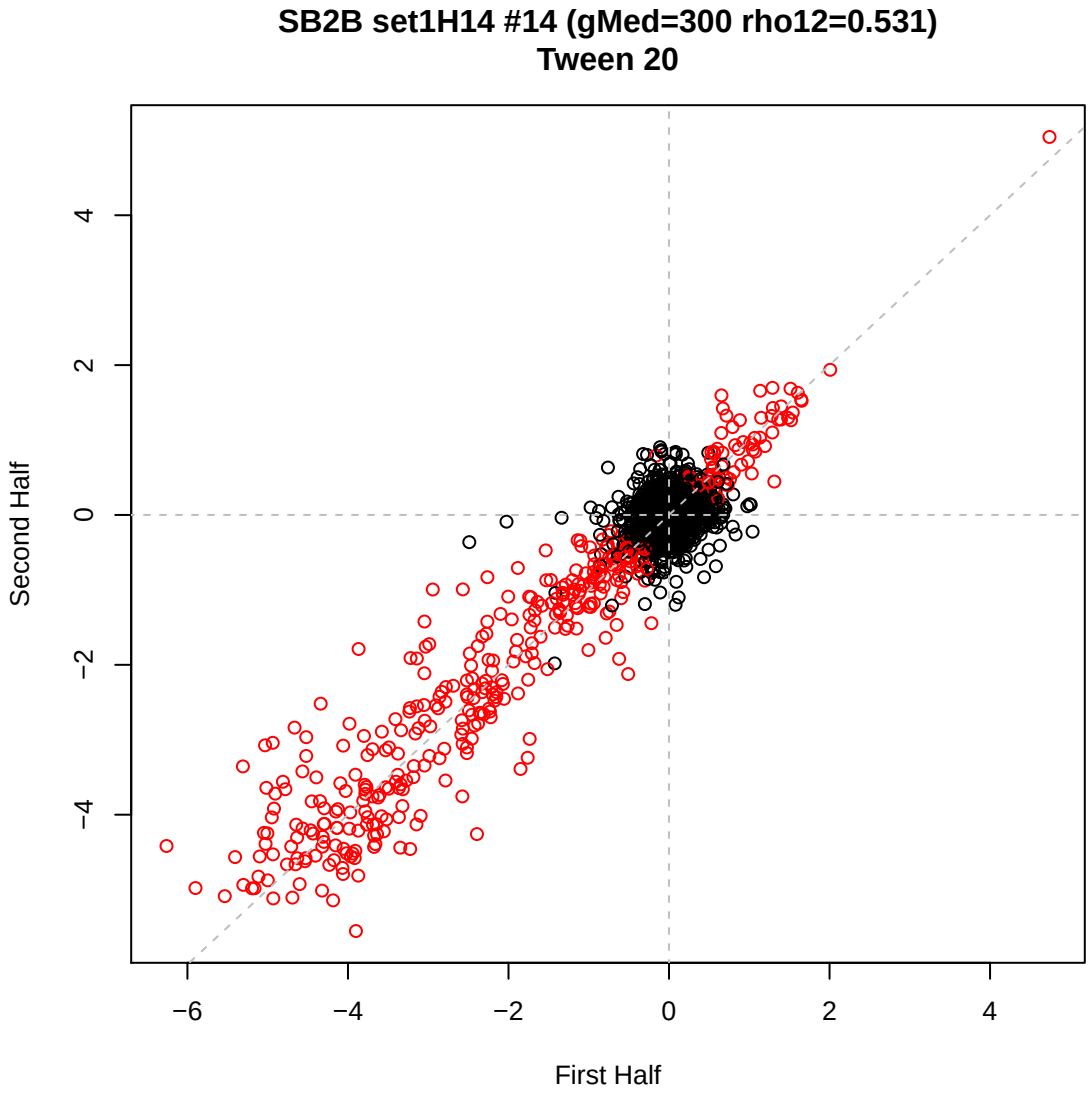

SB2B set1H9 #9 (gMed=284 rho12=0.504)
L−Lactate
Second Half
First Half
−4
−2
0
2
4
6
8

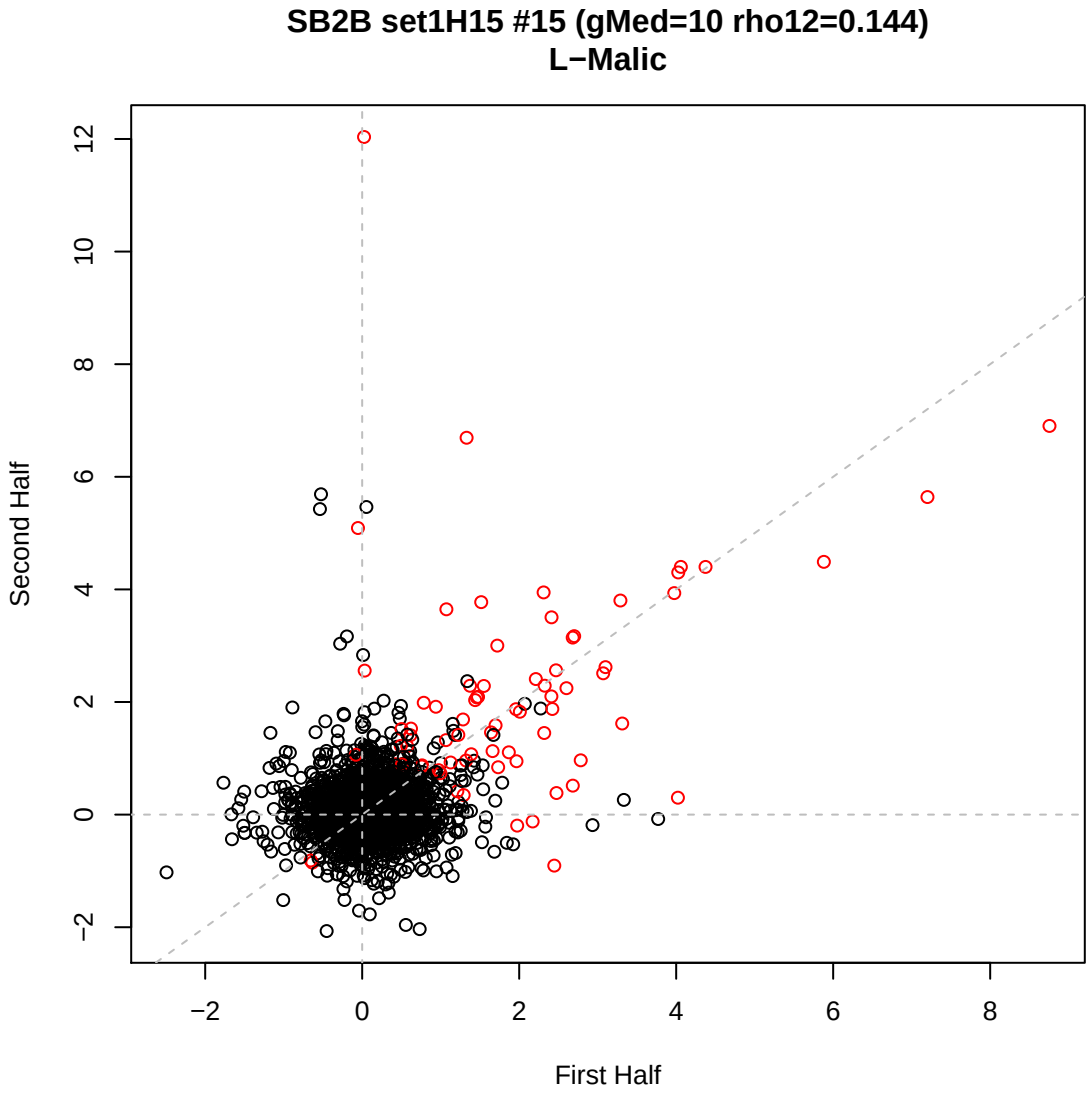

SB2B set1H10 #10 (gMed=243 rho12=0.569)
D,L−Lactate
Second Half
First Half
−5
0
5
10
−5
0
5
10

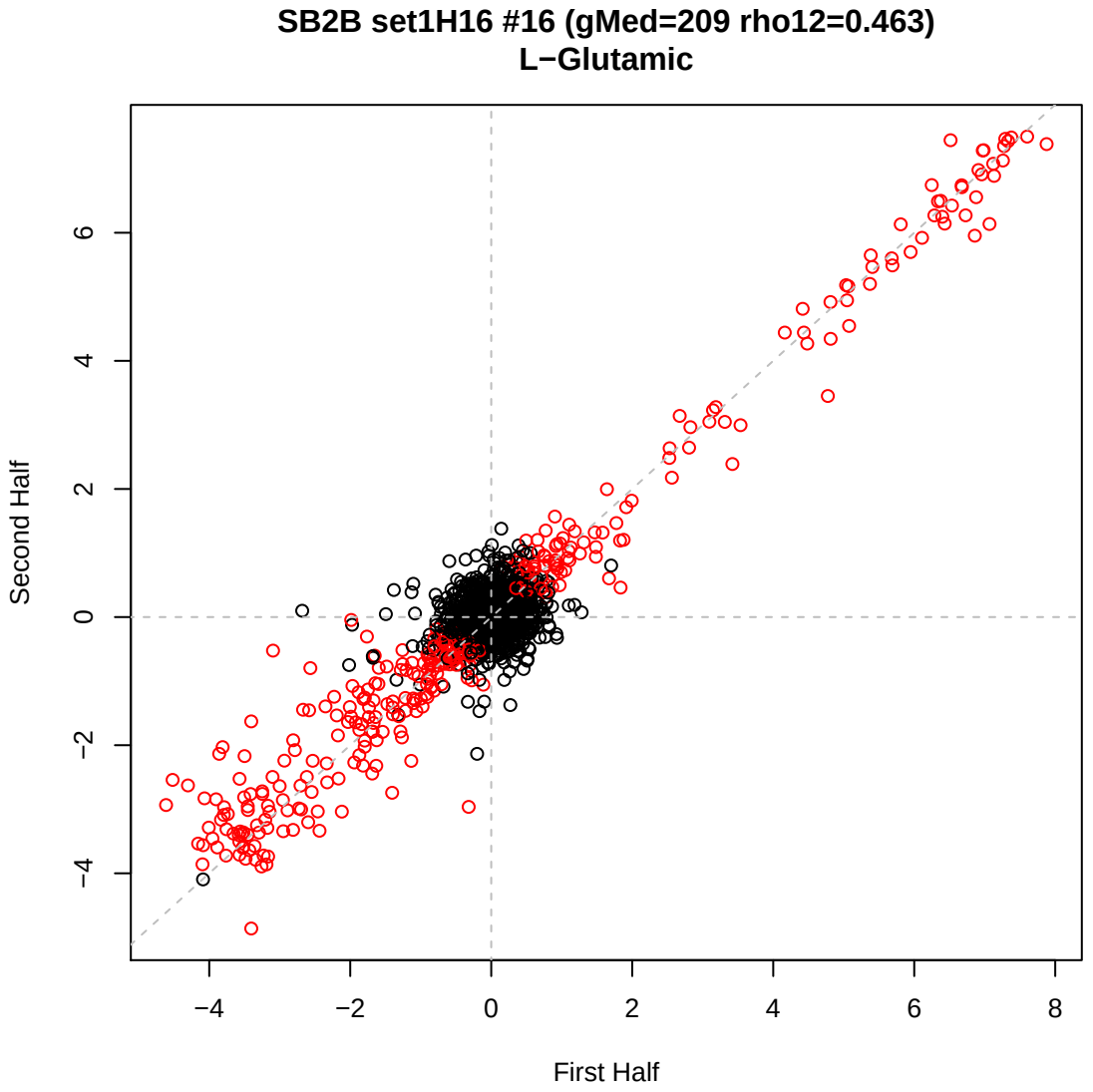

SB2B set1H11 #11 (gMed=379 rho12=0.483)
pyruvate
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

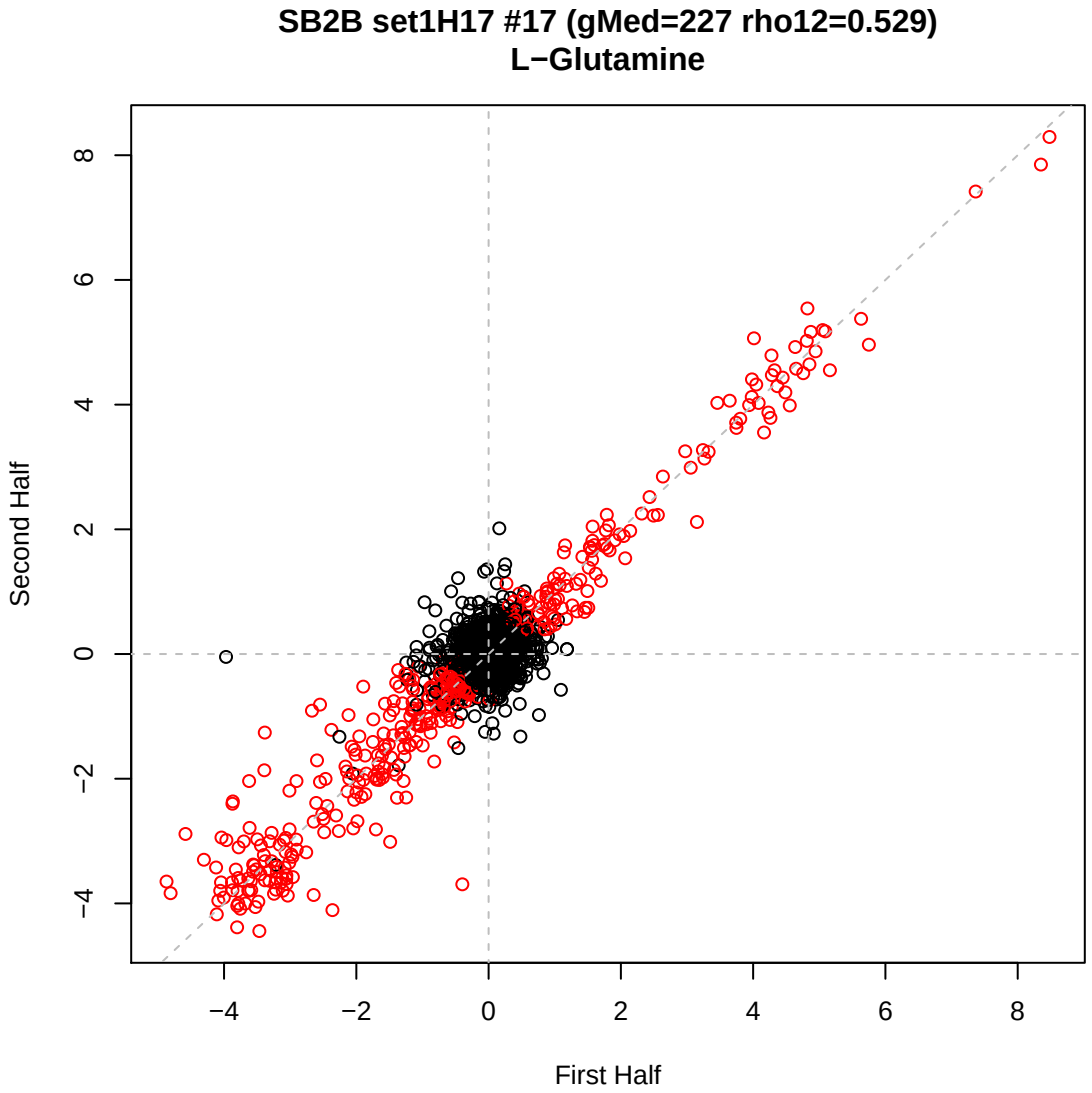

SB2B set1H12 #12 (gMed=79 rho12=0.238)
succinate
Second Half
First Half
0
5
10
0
5
10

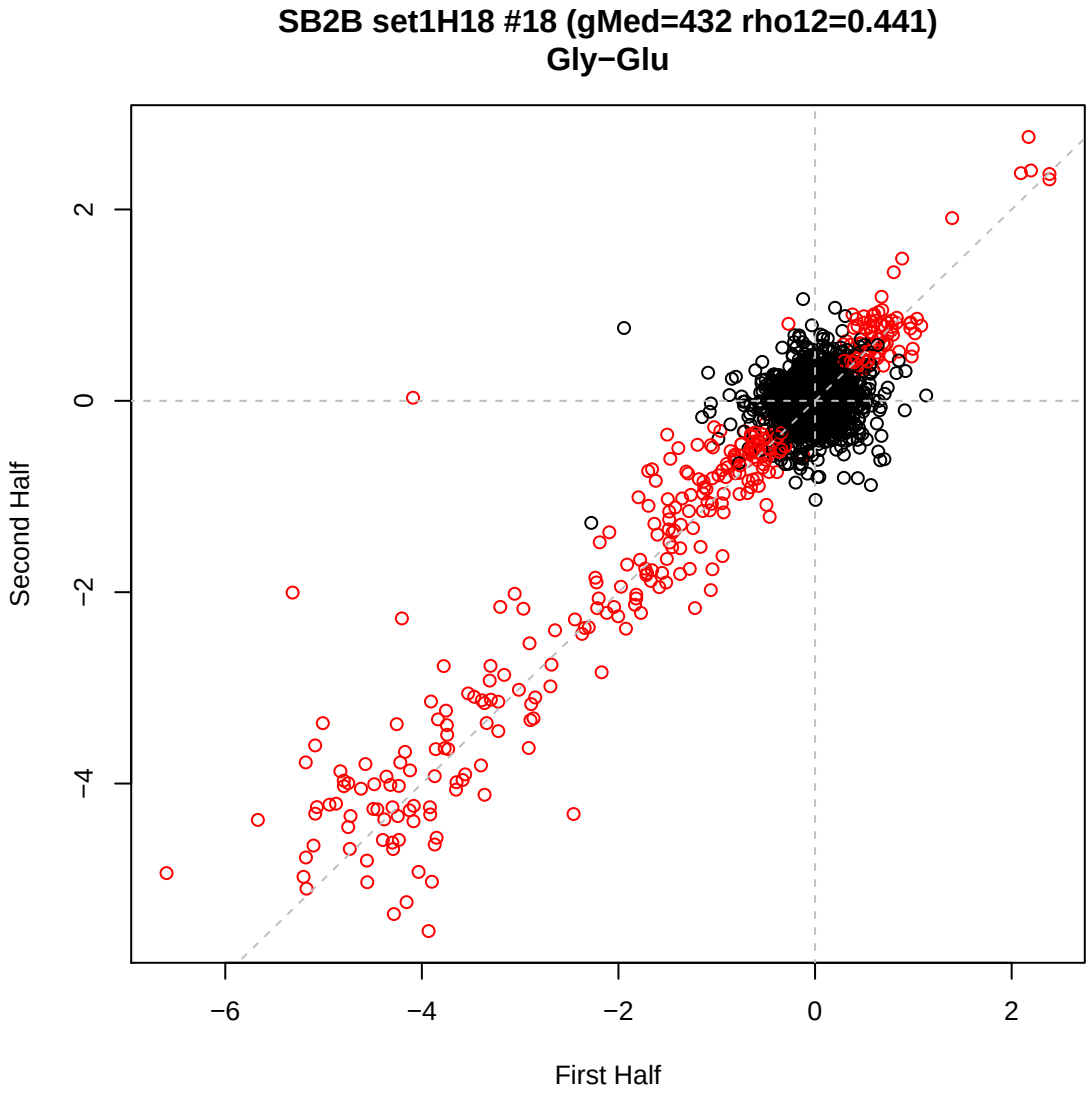

SB2B set1H13 #13 (gMed=404 rho12=0.448)
D−Mannitol
Second Half
First Half
−6
−4
−2
0
2

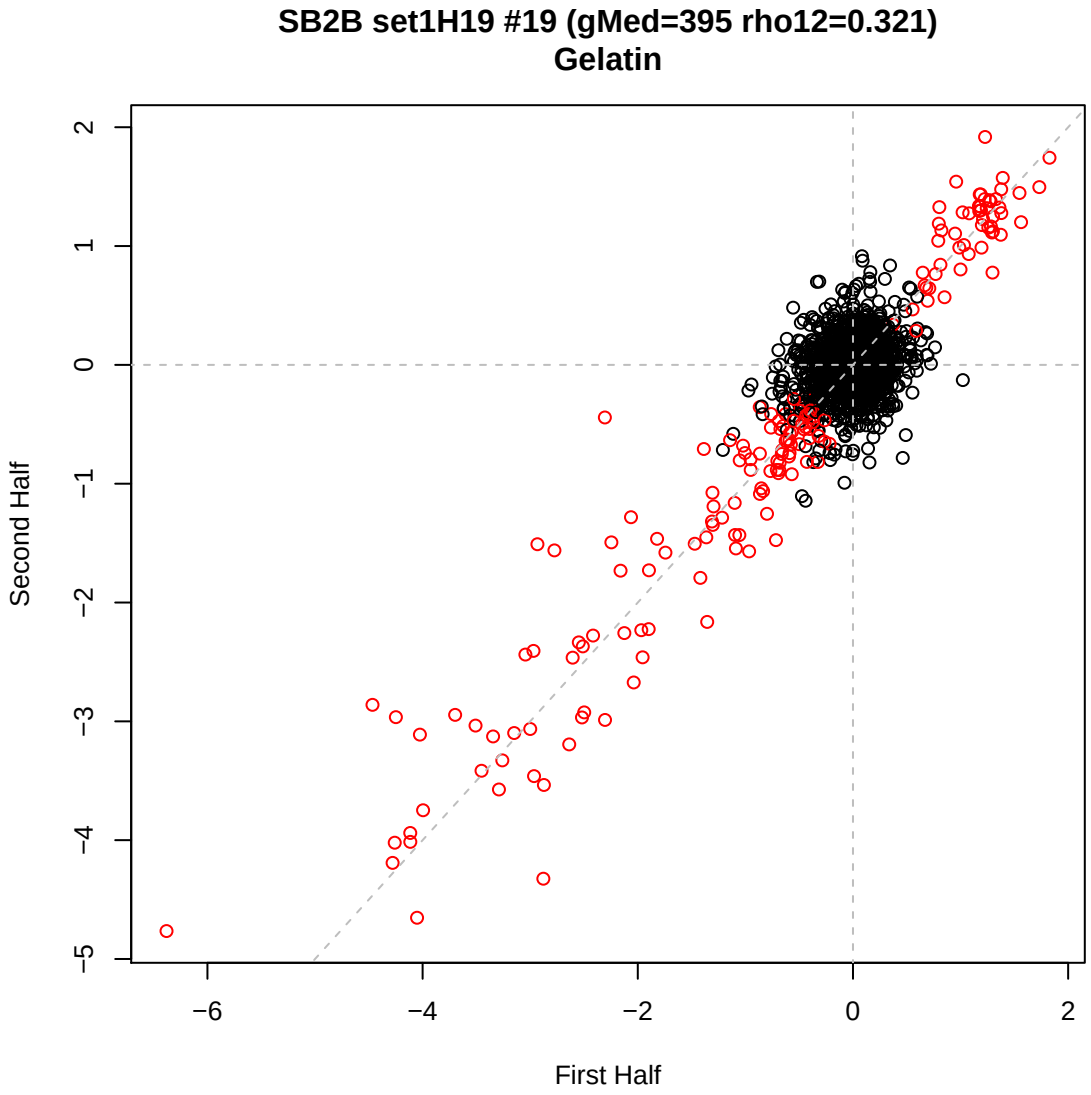

SB2B set1H14 #14 (gMed=300 rho12=0.531)
Tween 20
Second Half
First Half
−6
−4
−2
0
2
4
−4
−2
0
2
4

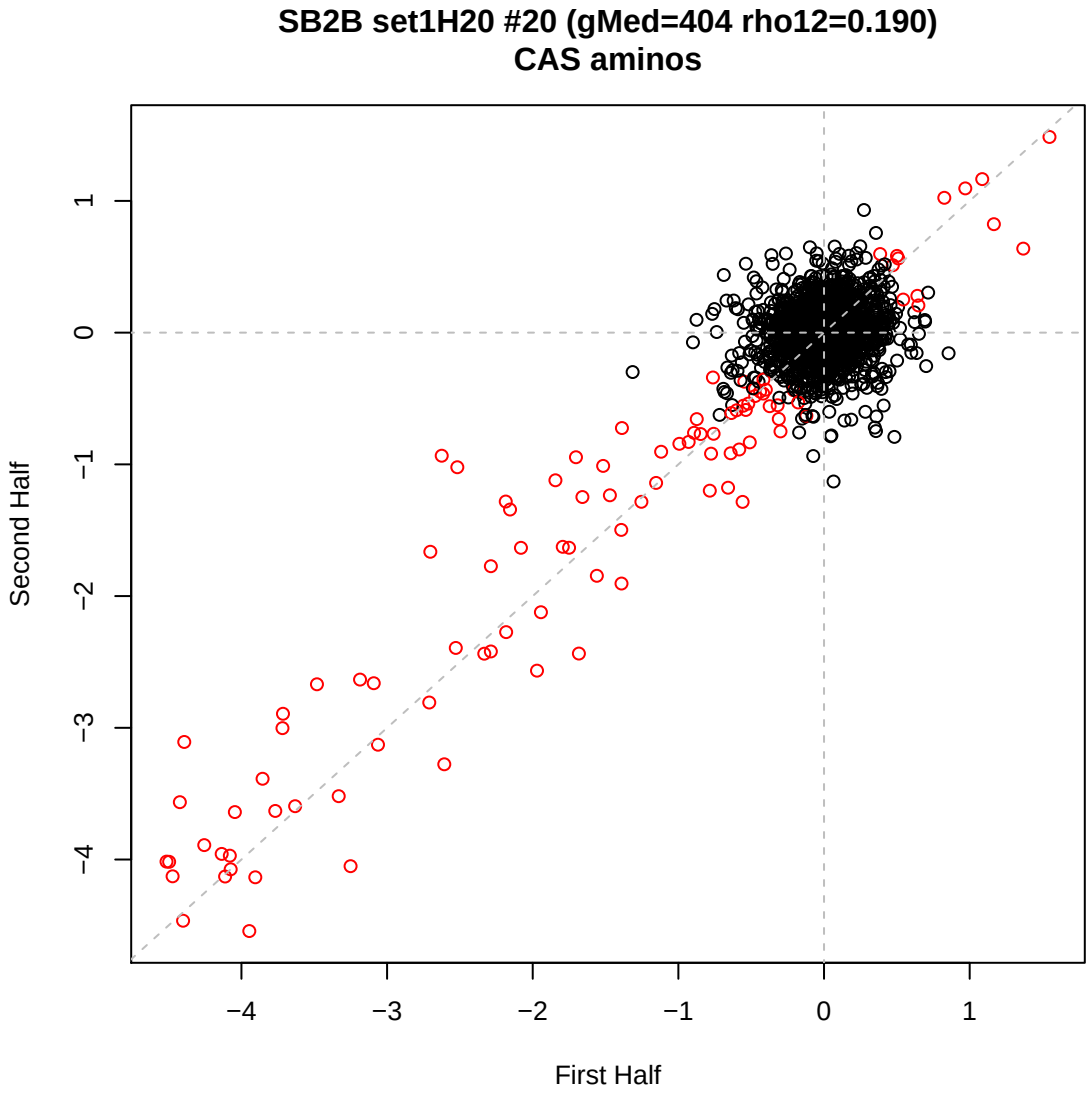

SB2B set1H15 #15 (gMed=10 rho12=0.144)
L−Malic
Second Half
First Half
−2
0
2
4
6
8
10
12

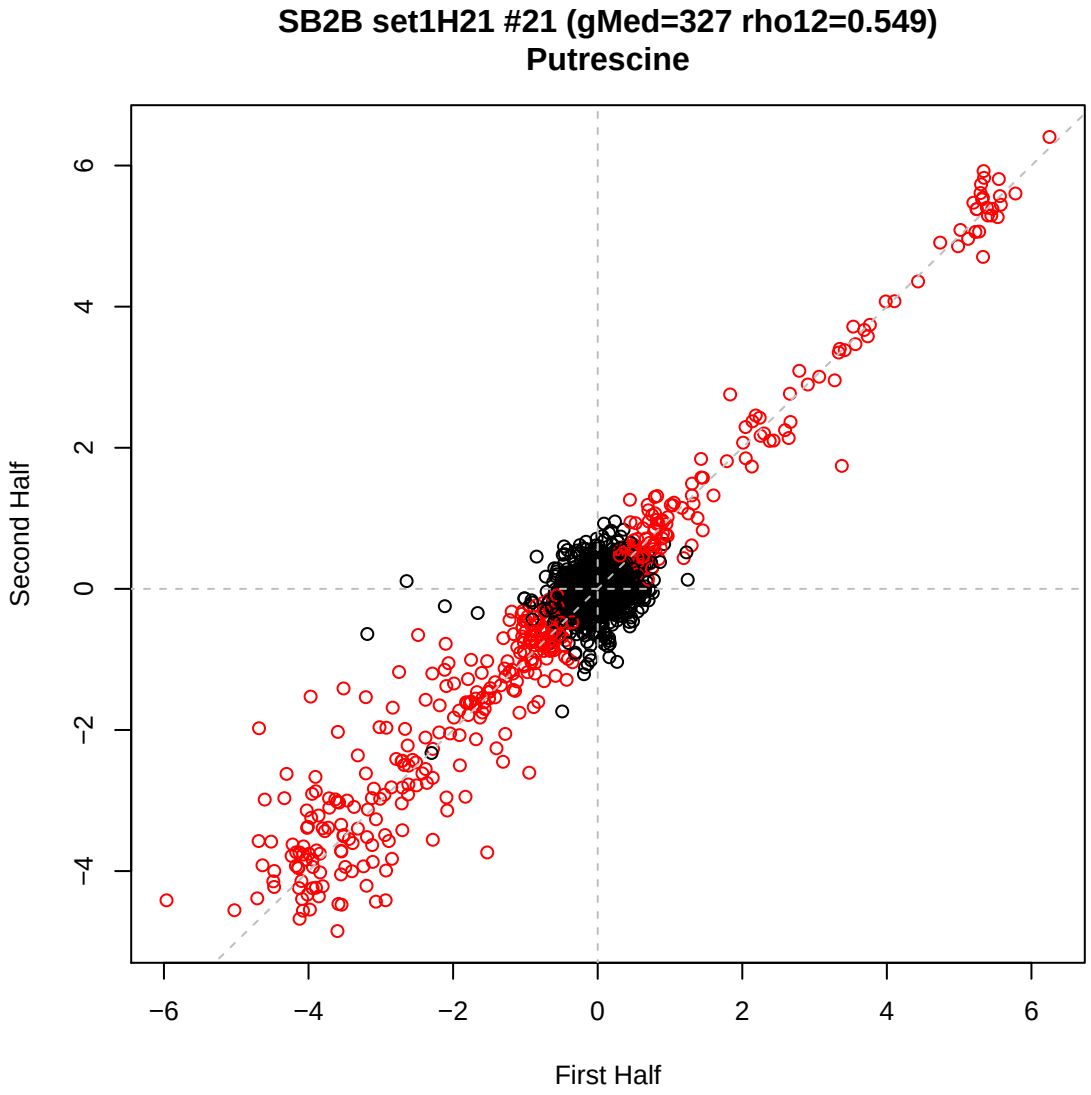

SB2B set1H16 #16 (gMed=209 rho12=0.463)
L−Glutamic
Second Half
First Half
−4
−2
0
2
4
6
8

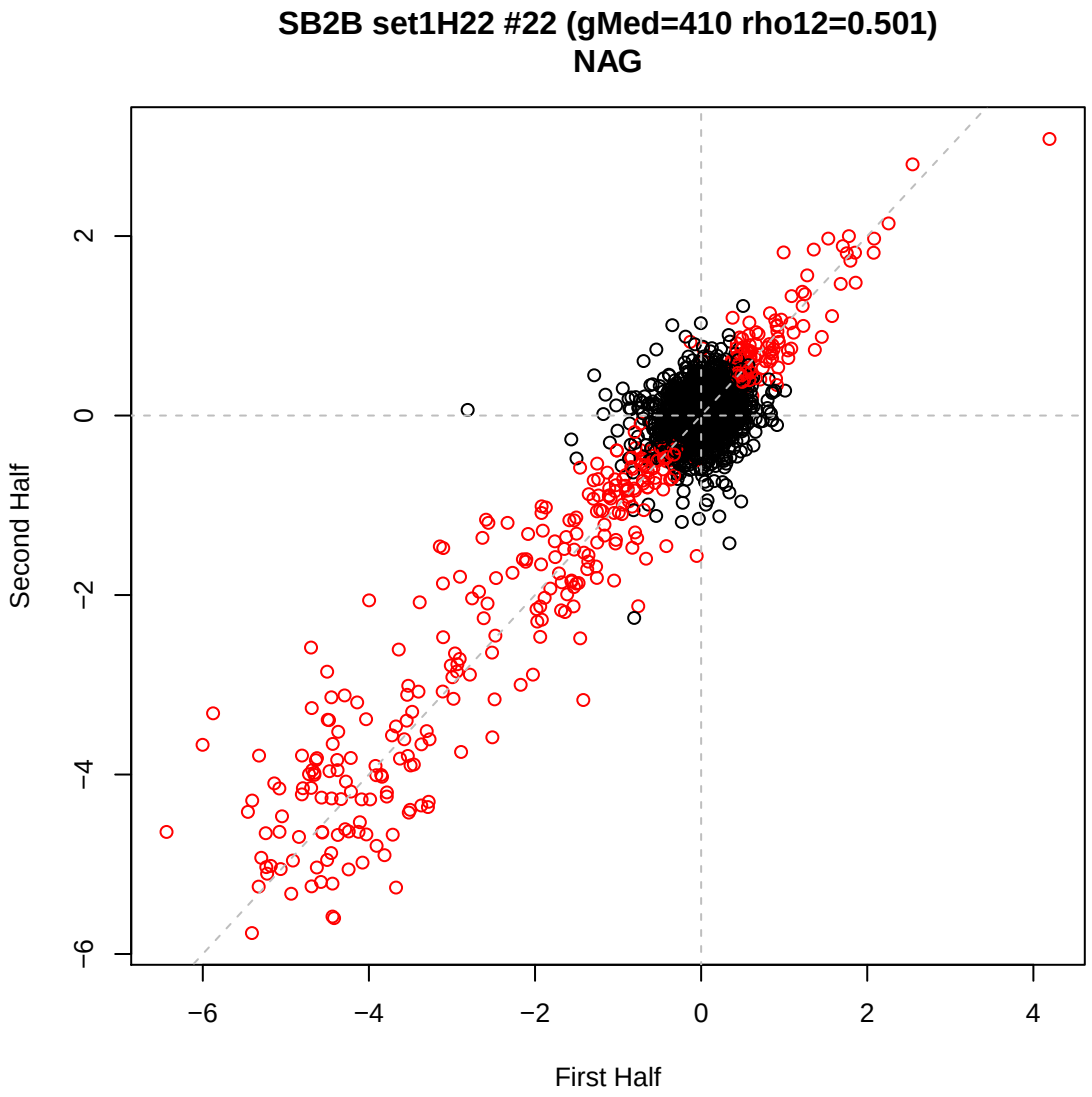

SB2B set1H17 #17 (gMed=227 rho12=0.529)
L−Glutamine
Second Half
First Half
−4
−2
0
2
4
6
8

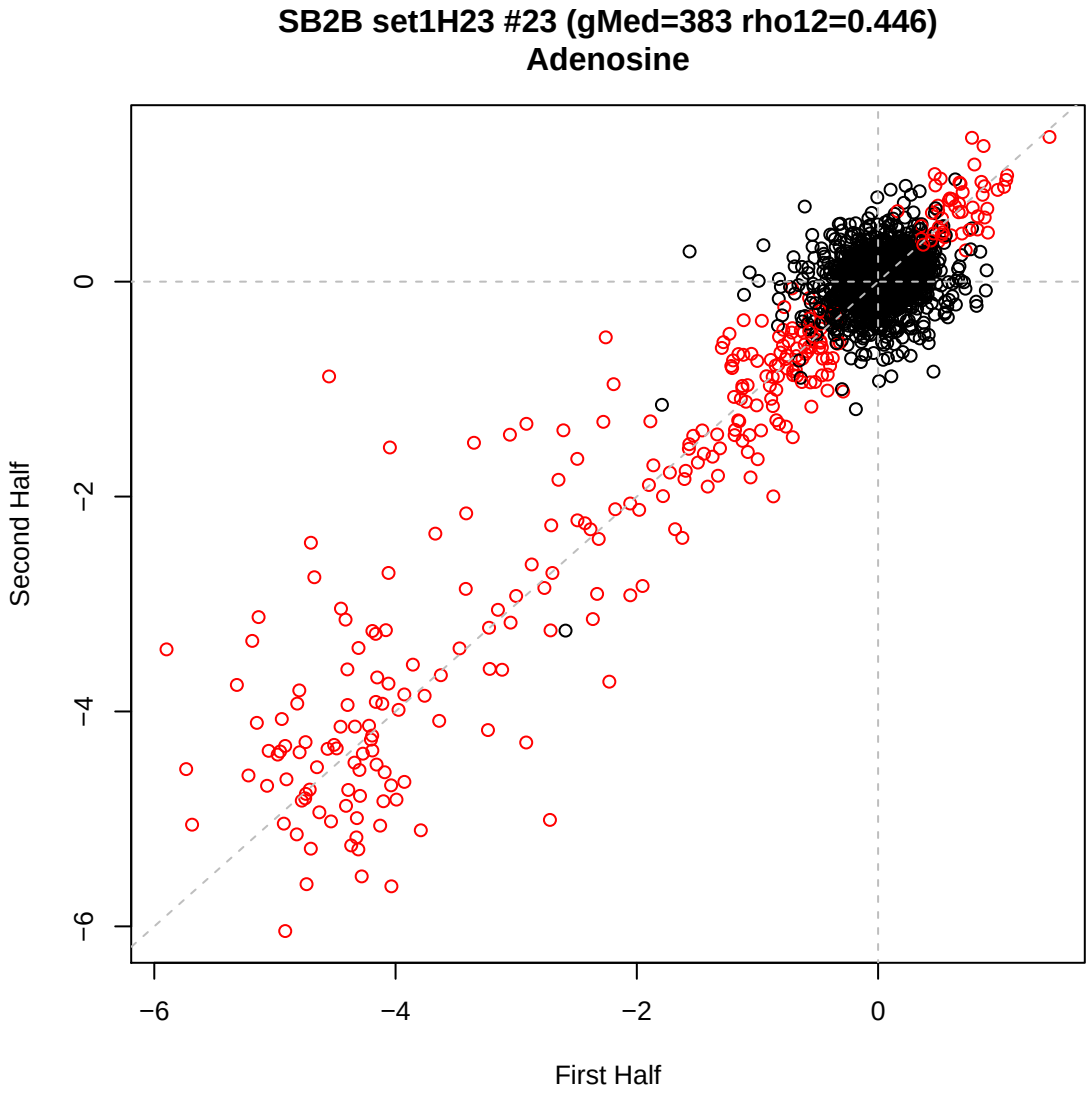

SB2B set1H18 #18 (gMed=432 rho12=0.441)
Gly−Glu
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

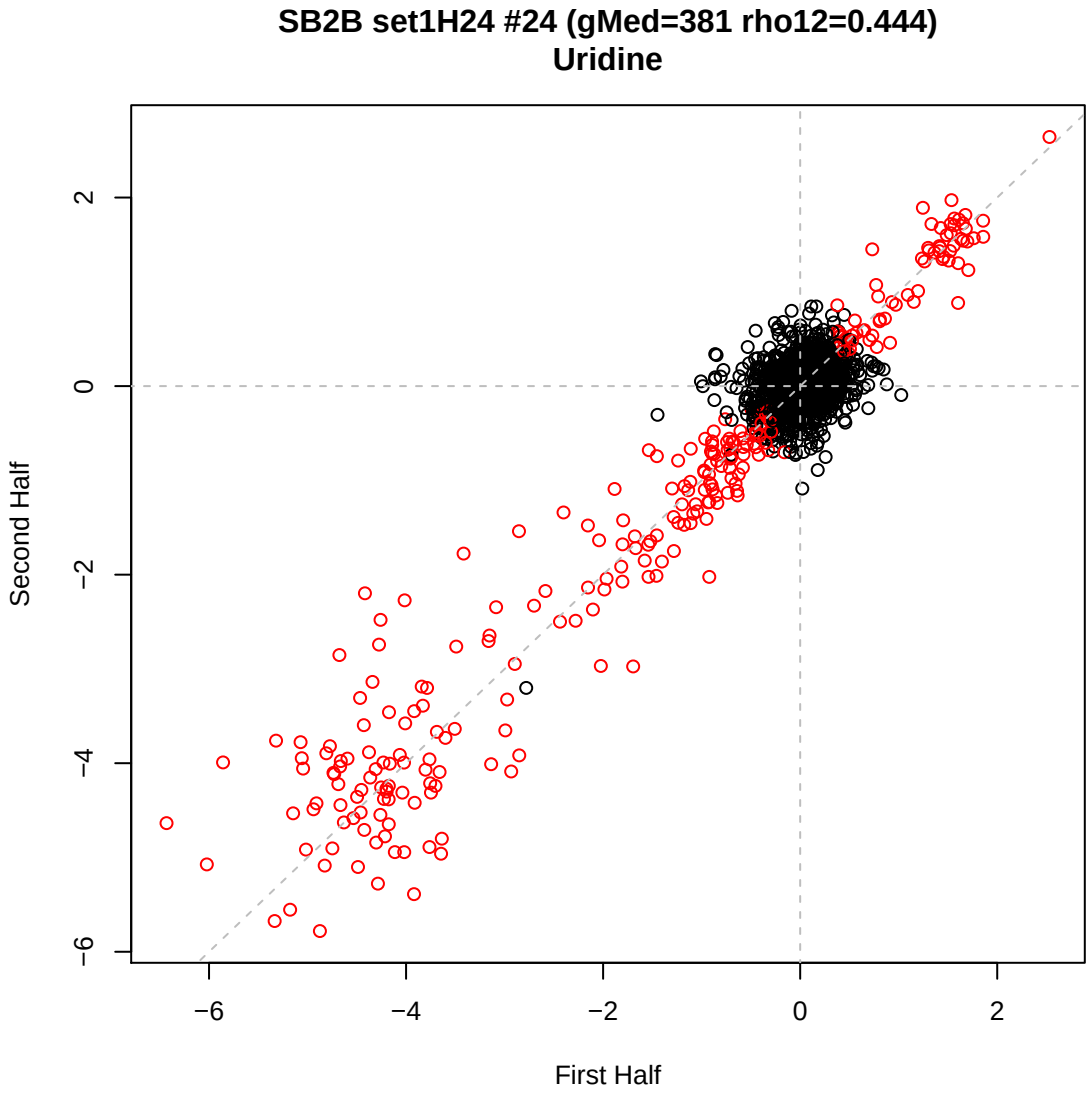

SB2B set1H19 #19 (gMed=395 rho12=0.321)
Gelatin
Second Half
First Half
2
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0
2

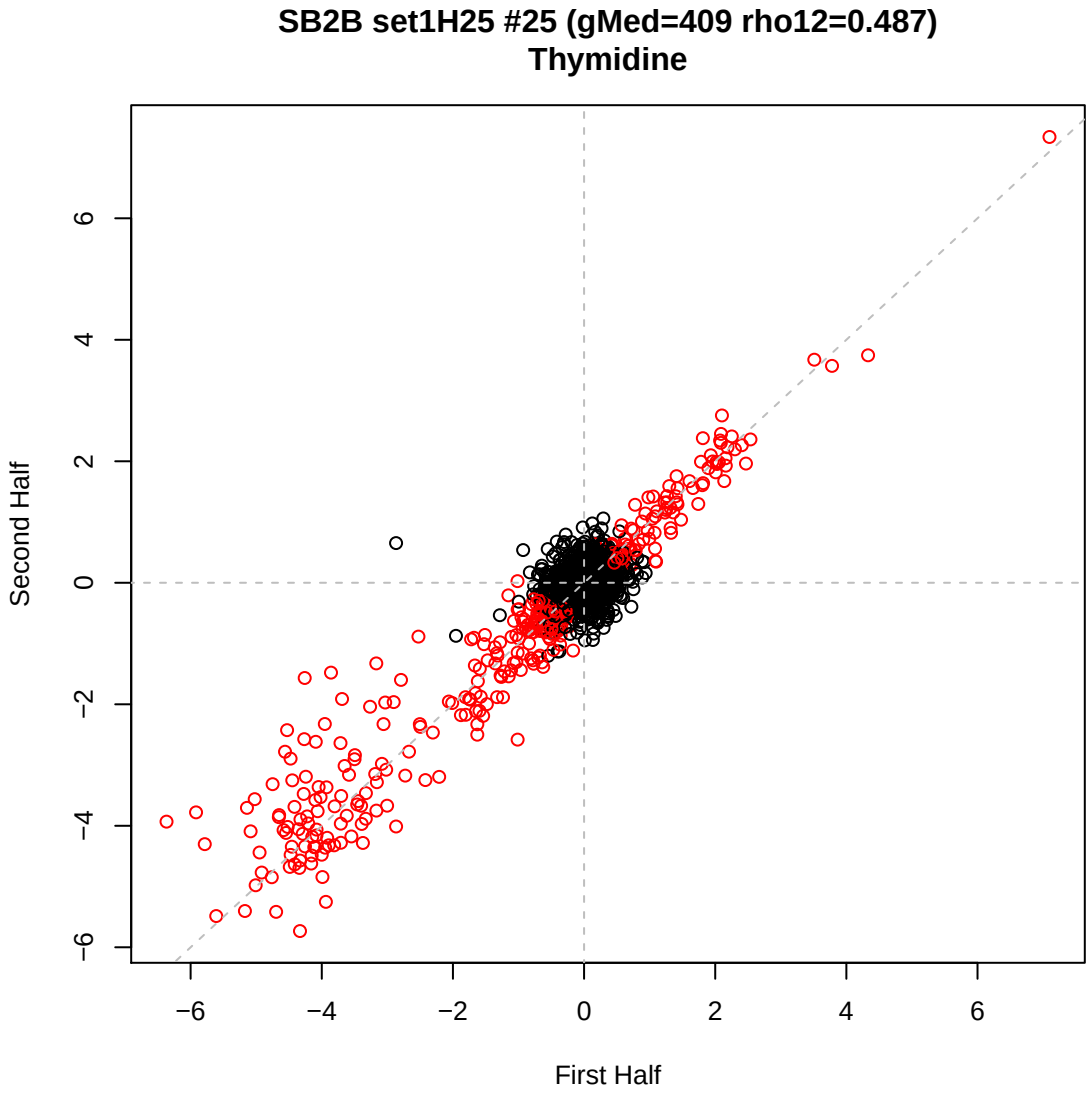

SB2B set1H20 #20 (gMed=404 rho12=0.190)
CAS aminos
Second Half
First Half
1
0
−1
−2
−3
−4
−4
−3
−2
−1
0
1

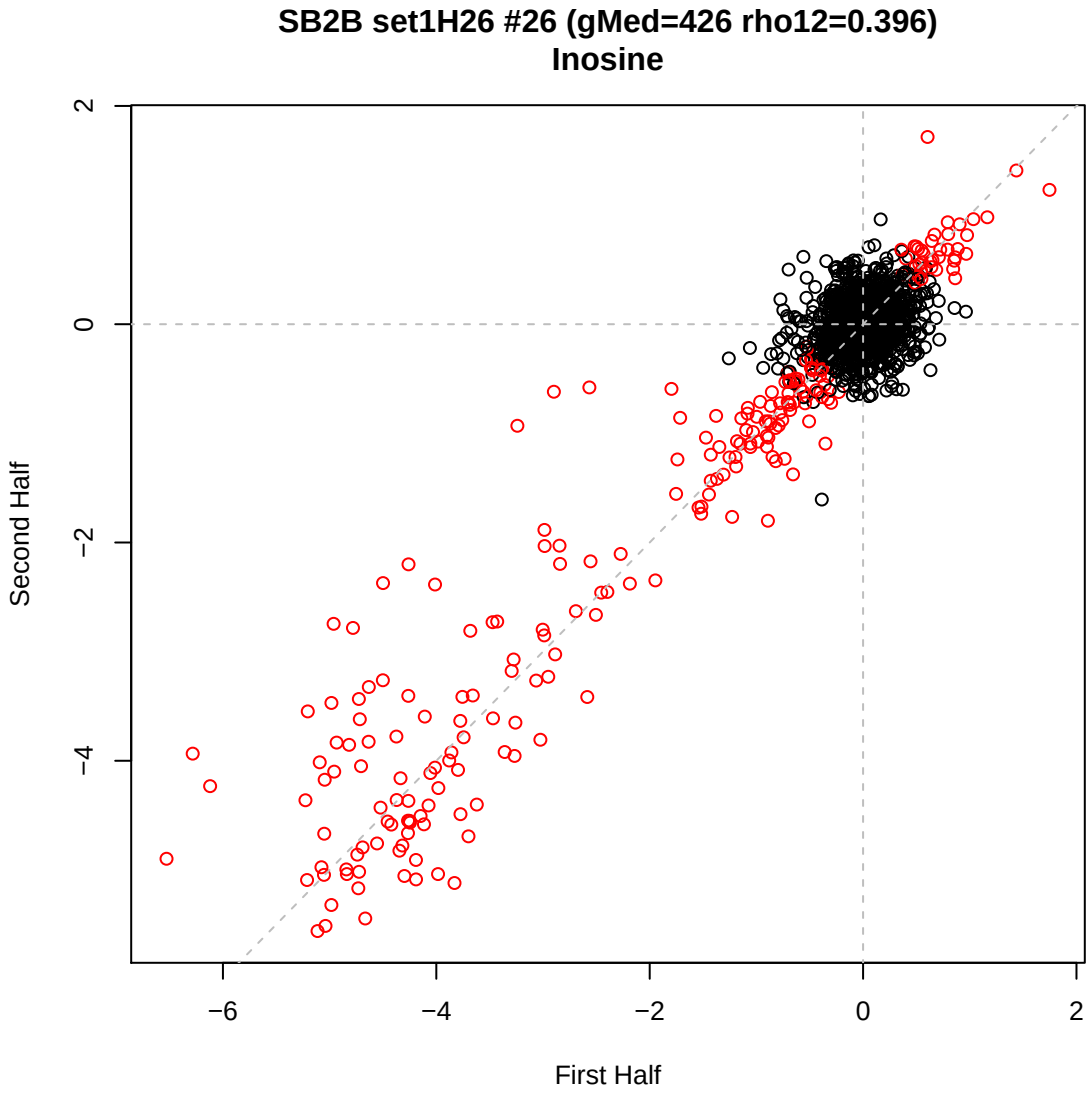

SB2B set1H21 #21 (gMed=327 rho12=0.549)
Putrescine
Second Half
First Half
−6
−4
−2
0
2
4
6

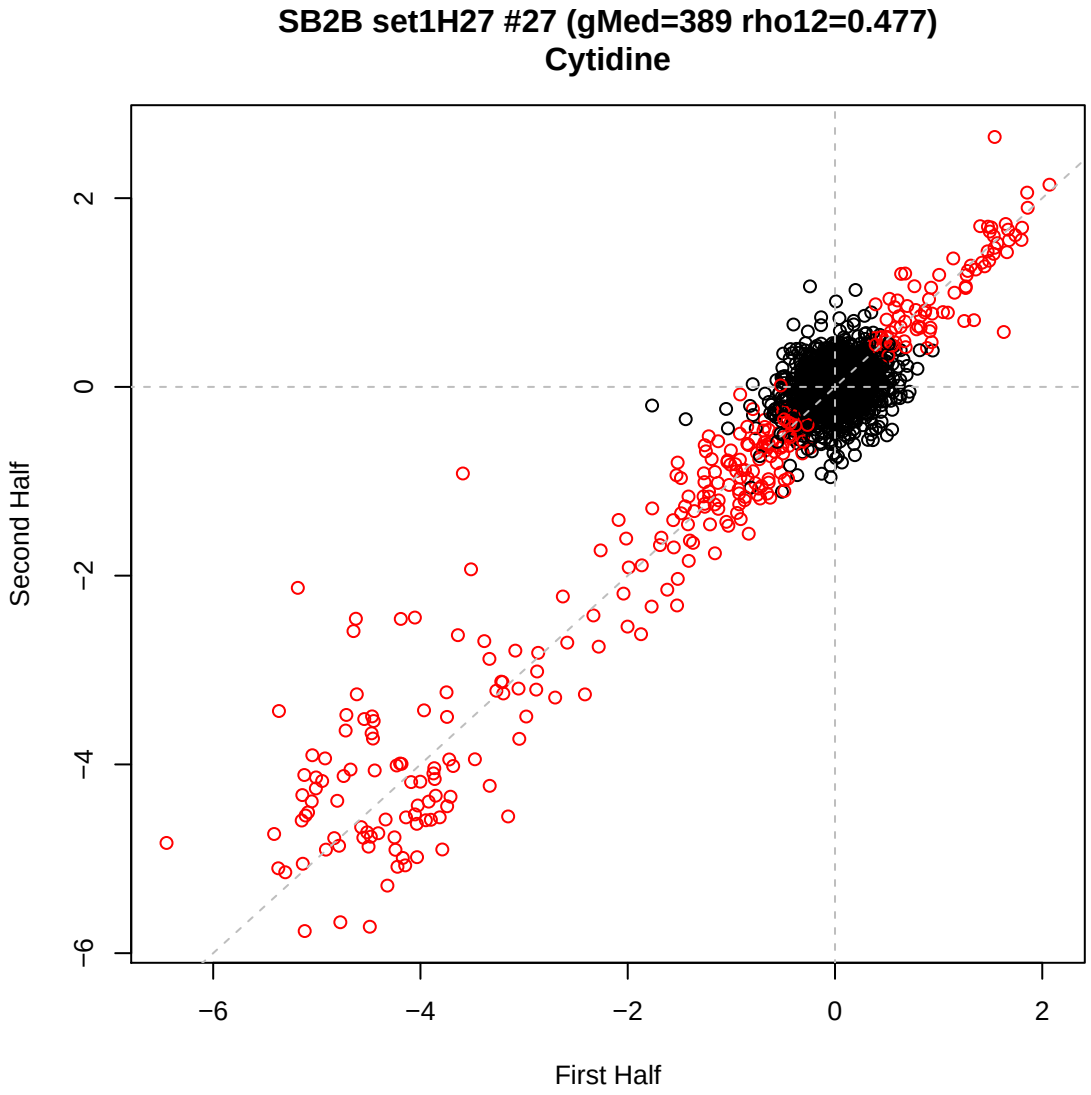

SB2B set1H22 #22 (gMed=410 rho12=0.501)
NAG
Second Half
First Half
−6
−4
−2
0
2
4
−6
−4
−2
0
2

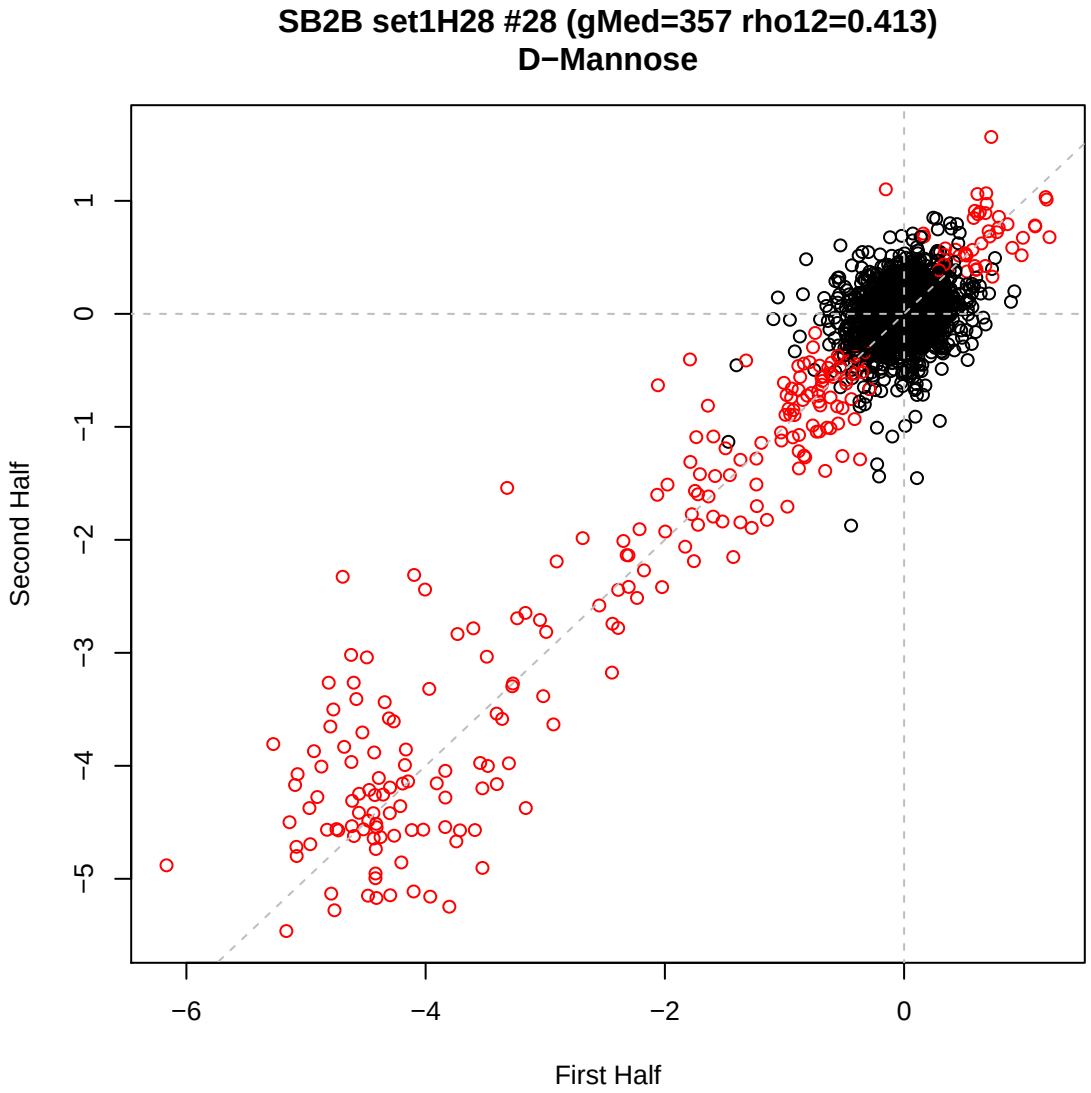

SB2B set1H23 #23 (gMed=383 rho12=0.446)
Adenosine
Second Half
First Half
0
−2
−4
−6
−6
−4
−2
0

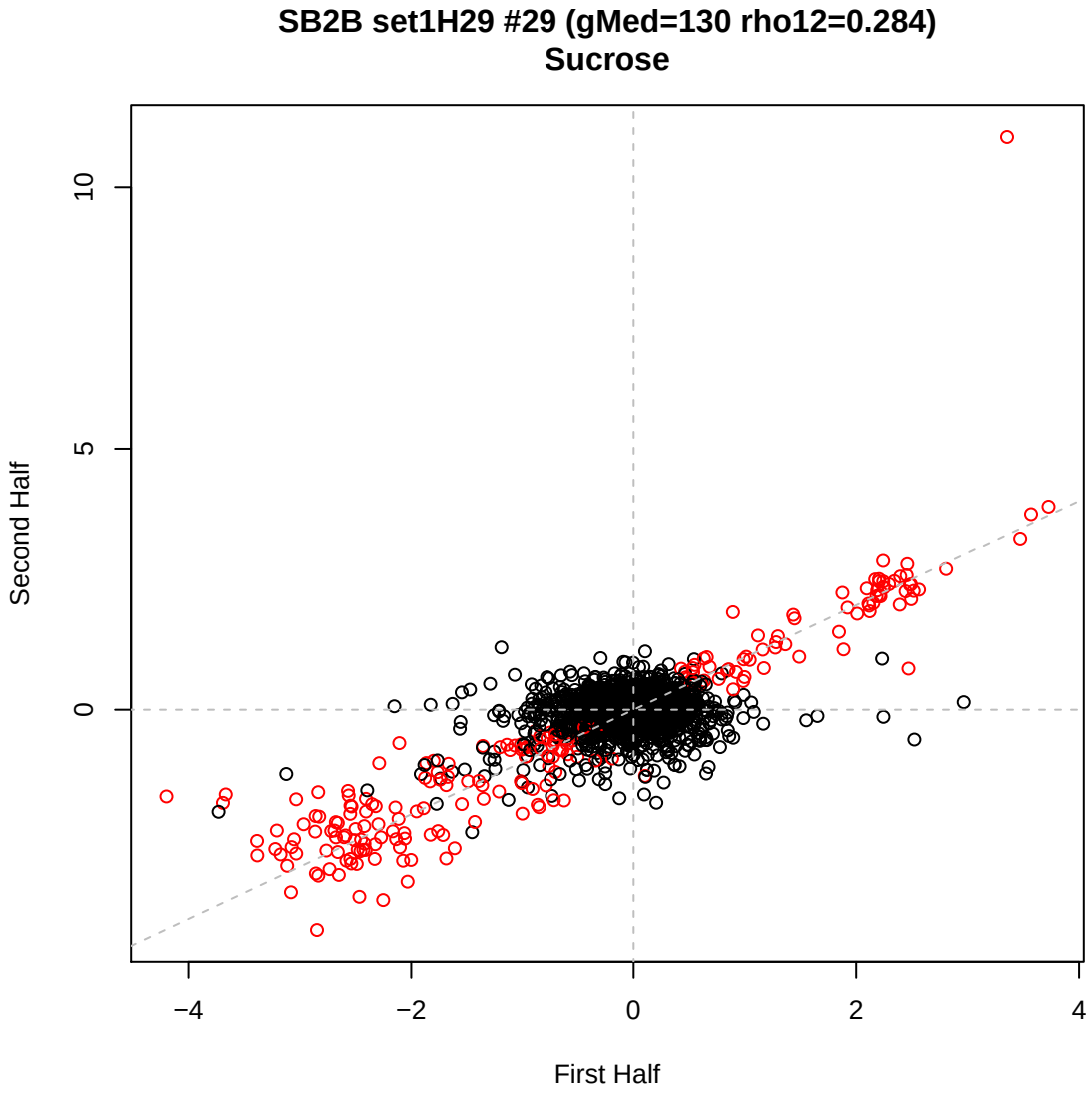

SB2B set1H24 #24 (gMed=381 rho12=0.444)
Uridine
Second Half
First Half
−6
−4
−2
0
2

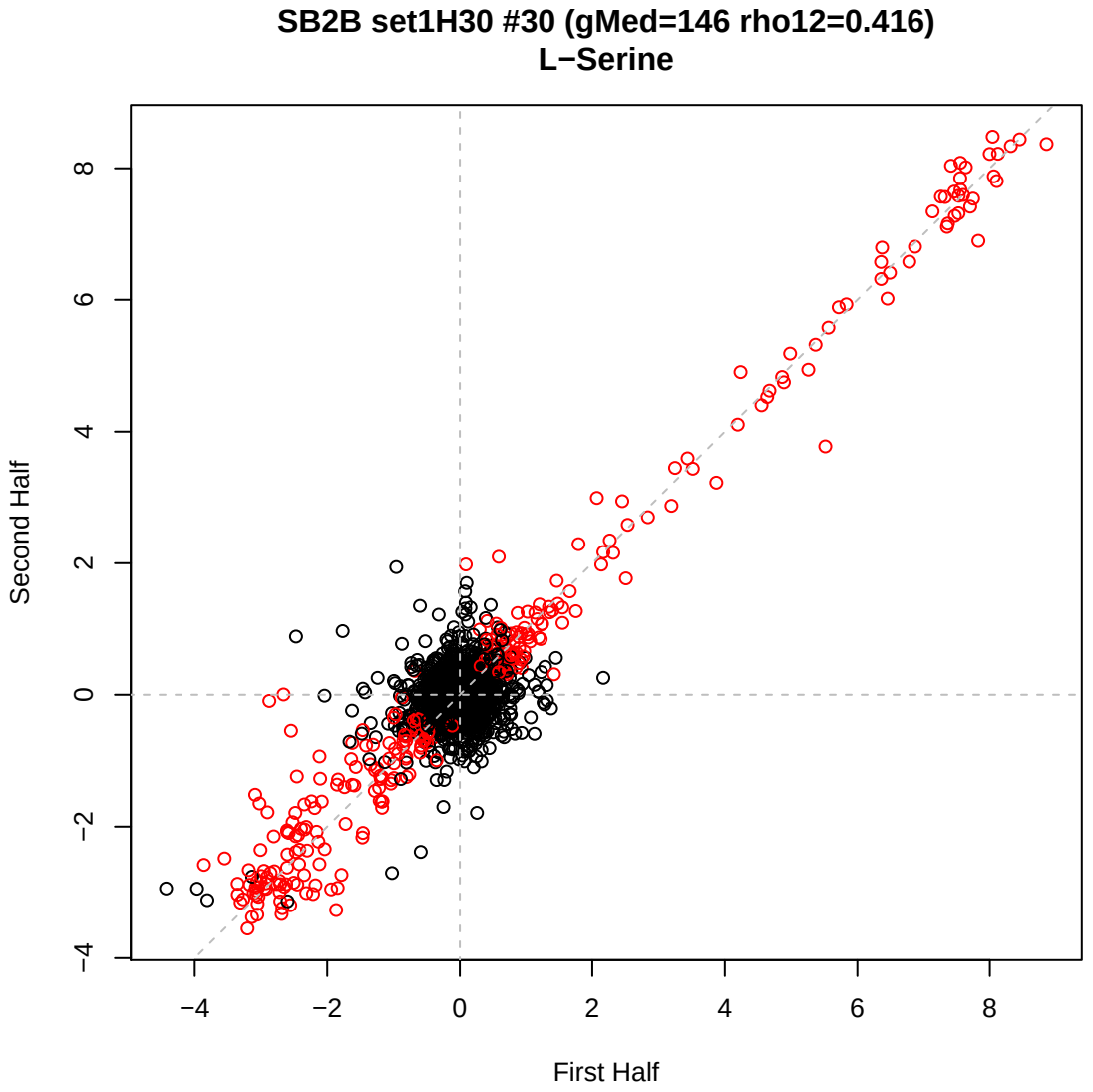

SB2B set1H25 #25 (gMed=409 rho12=0.487)
Thymidine
Second Half
First Half
−6
−4
−2
0
2
4
6

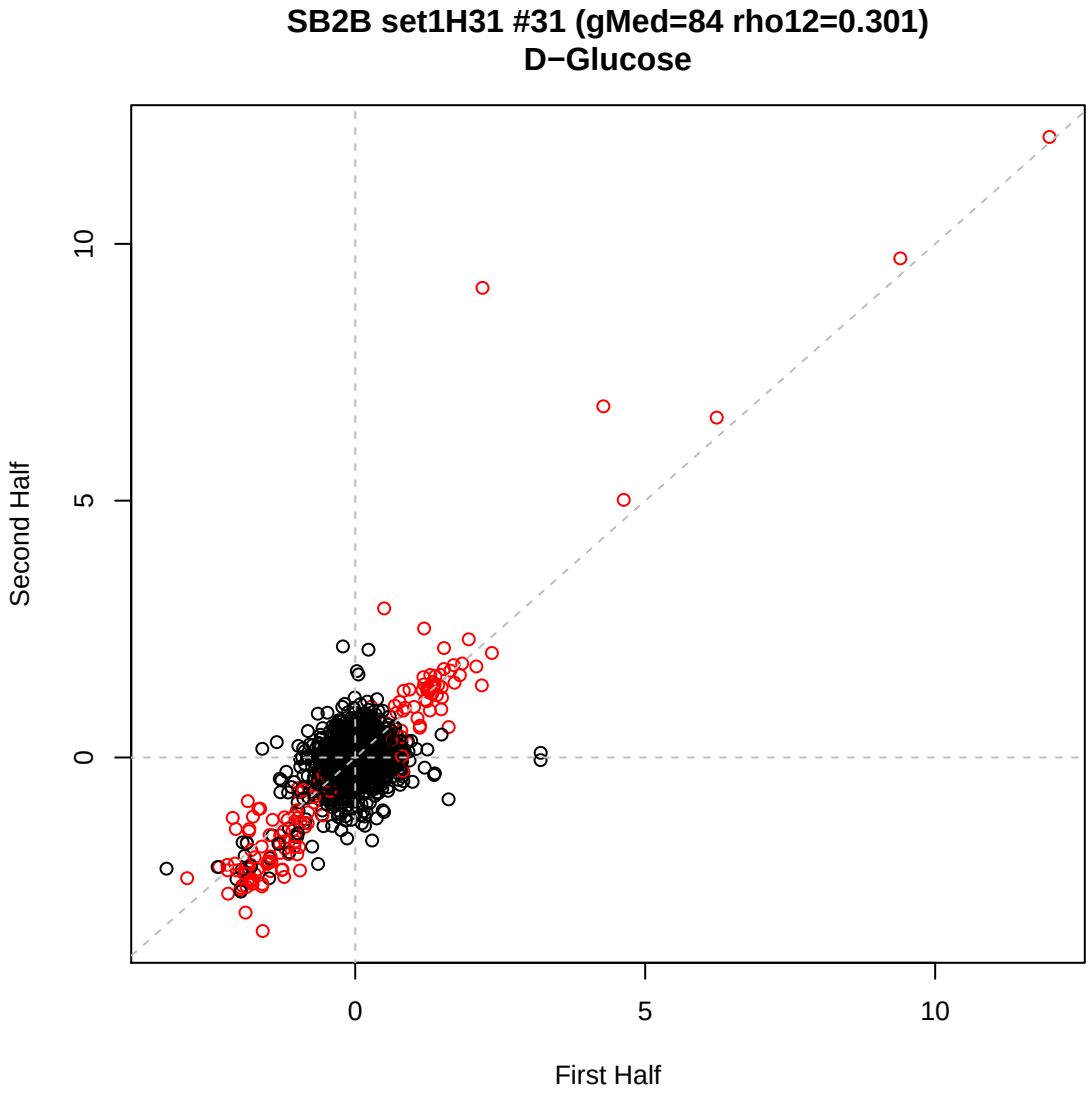

SB2B set1H26 #26 (gMed=426 rho12=0.396)
Inosine
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

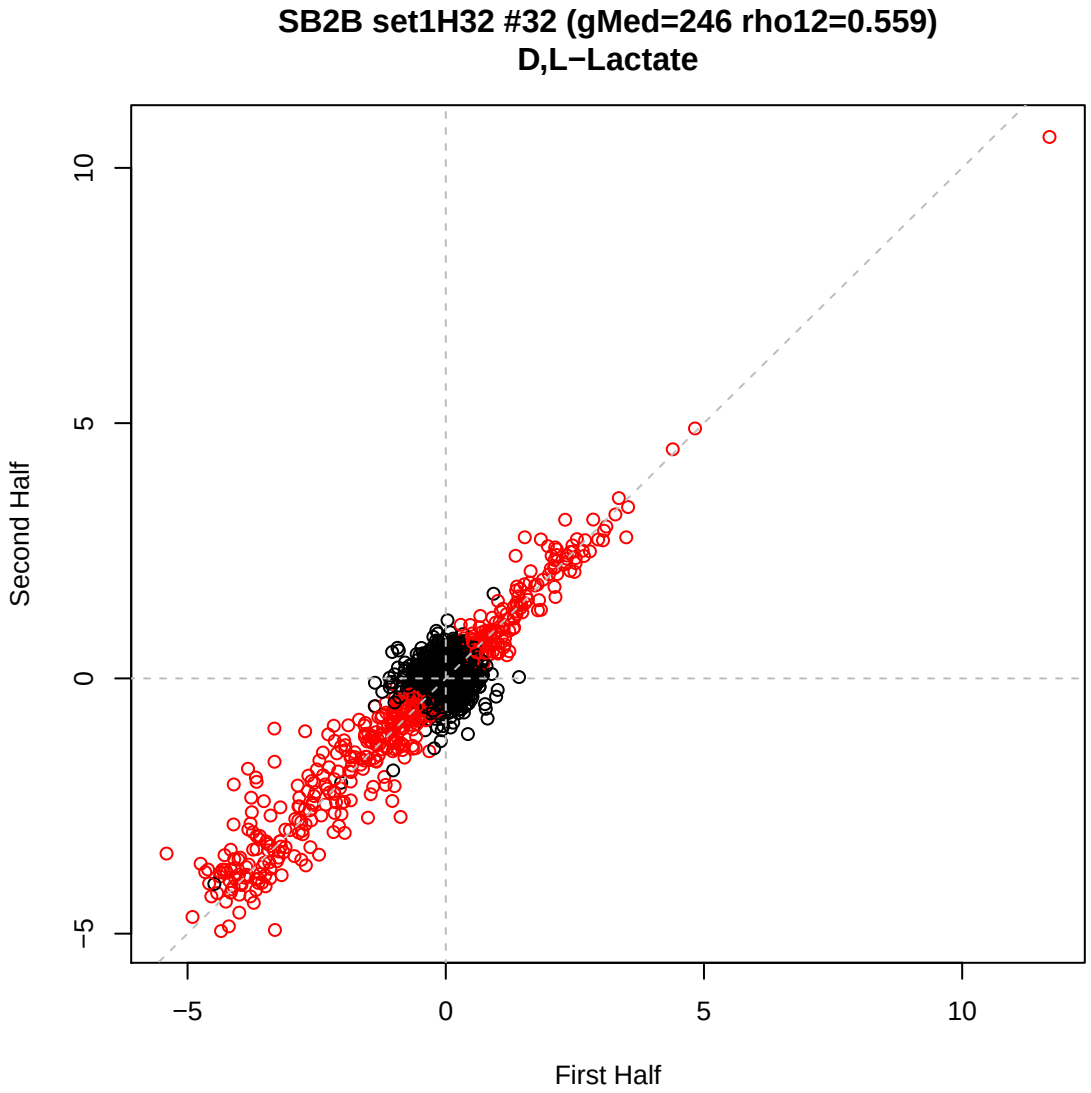

SB2B set1H27 #27 (gMed=389 rho12=0.477)
Cytidine
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

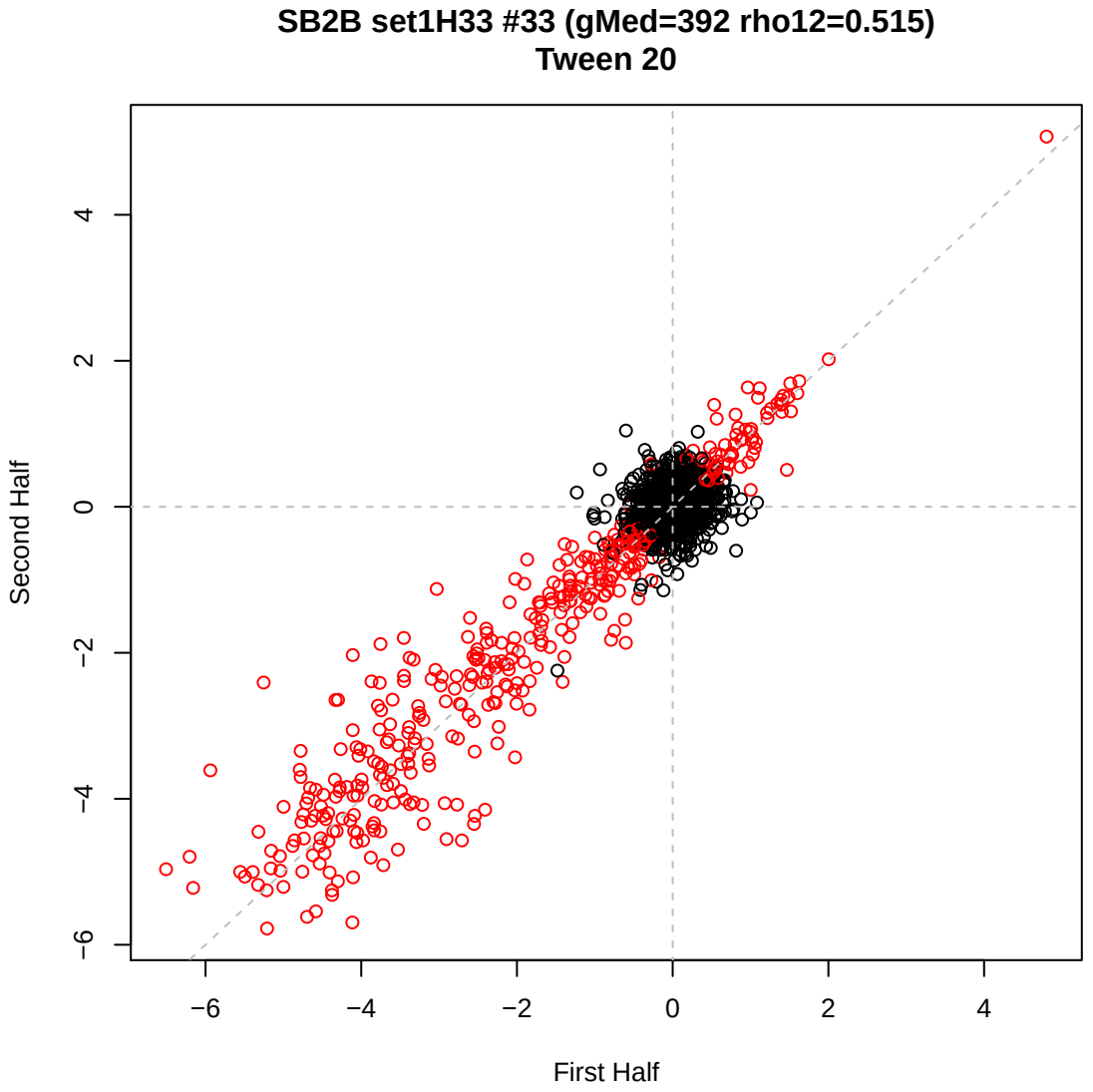

SB2B set1H28 #28 (gMed=357 rho12=0.413)
D−Mannose
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

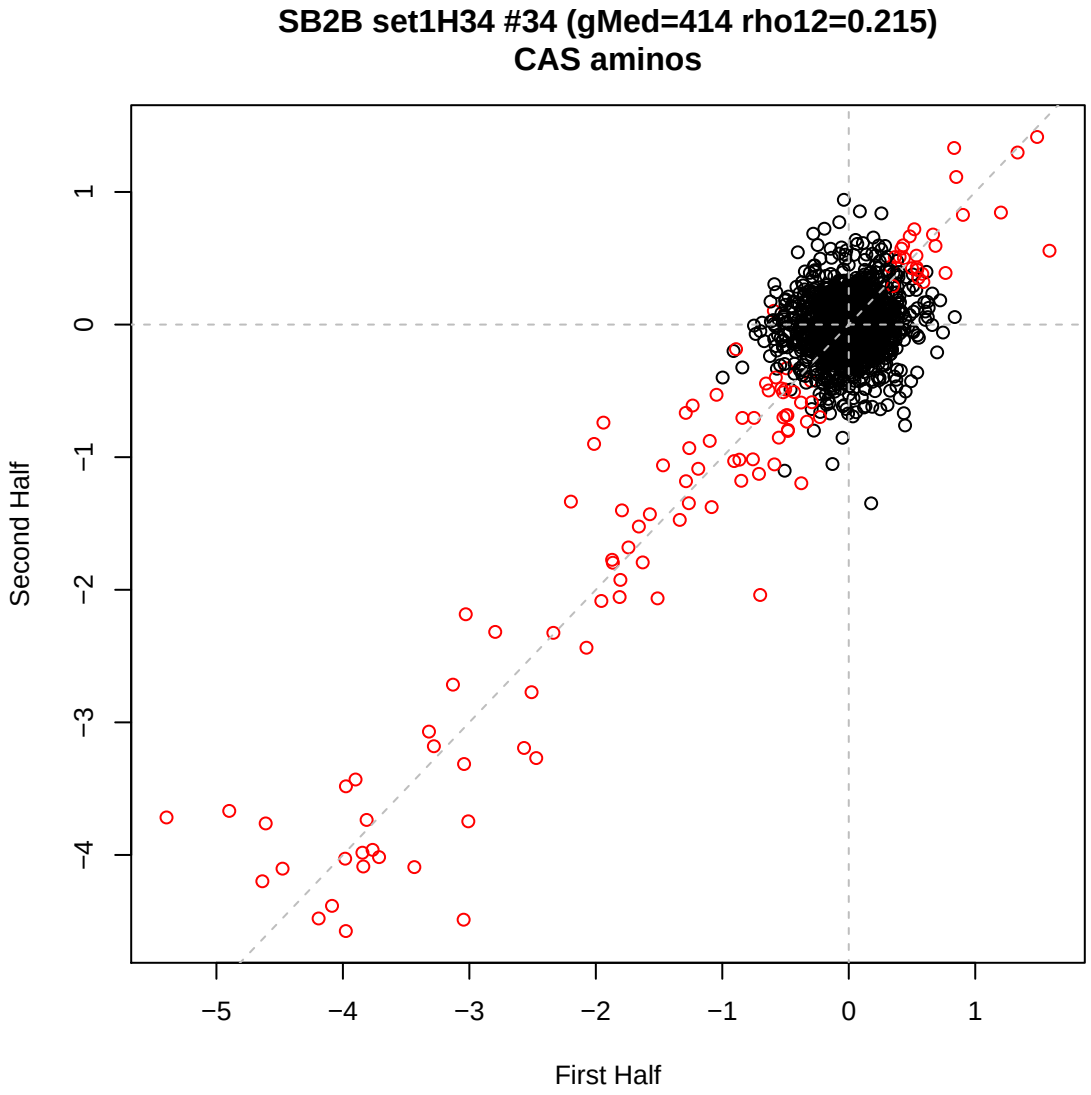

SB2B set1H29 #29 (gMed=130 rho12=0.284)
Sucrose
Second Half
First Half
10
5
0
−4
−2
0
2
4

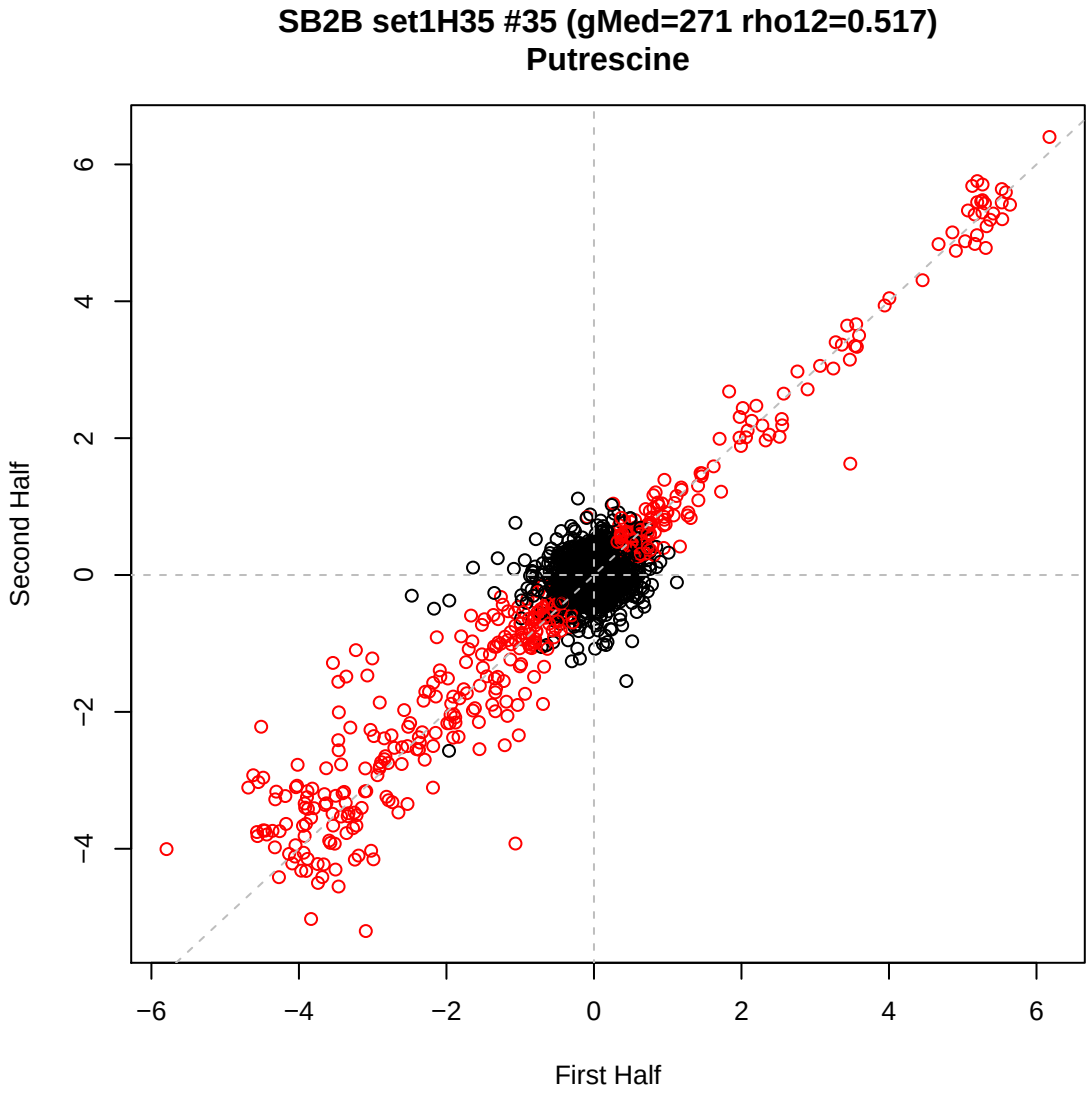

SB2B set1H30 #30 (gMed=146 rho12=0.416)
L−Serine
Second Half
First Half
−4
−2
0
2
4
6
8

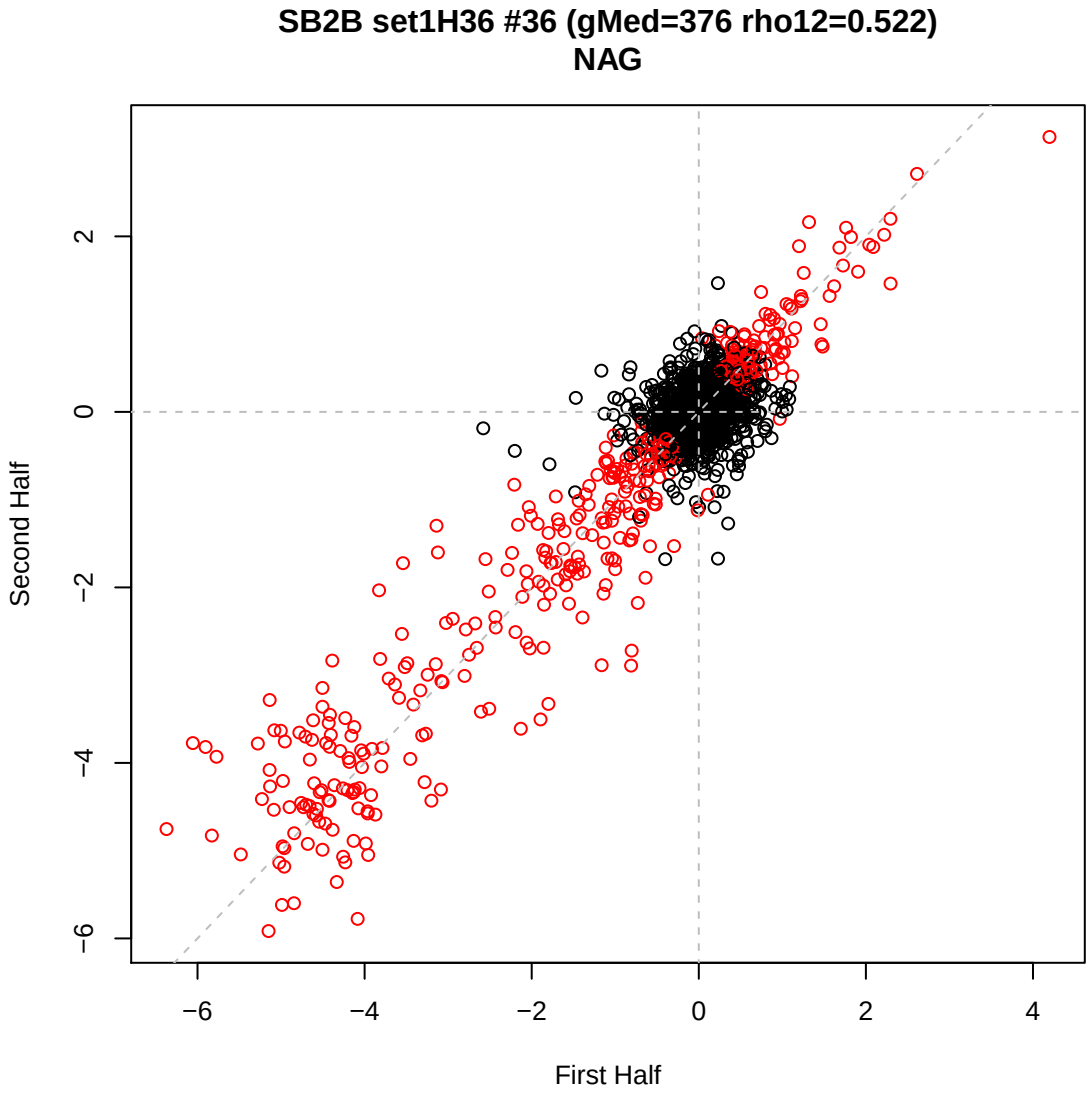

SB2B set1H31 #31 (gMed=84 rho12=0.301)
D−Glucose
Second Half
First Half
0
5
10
0
5
10

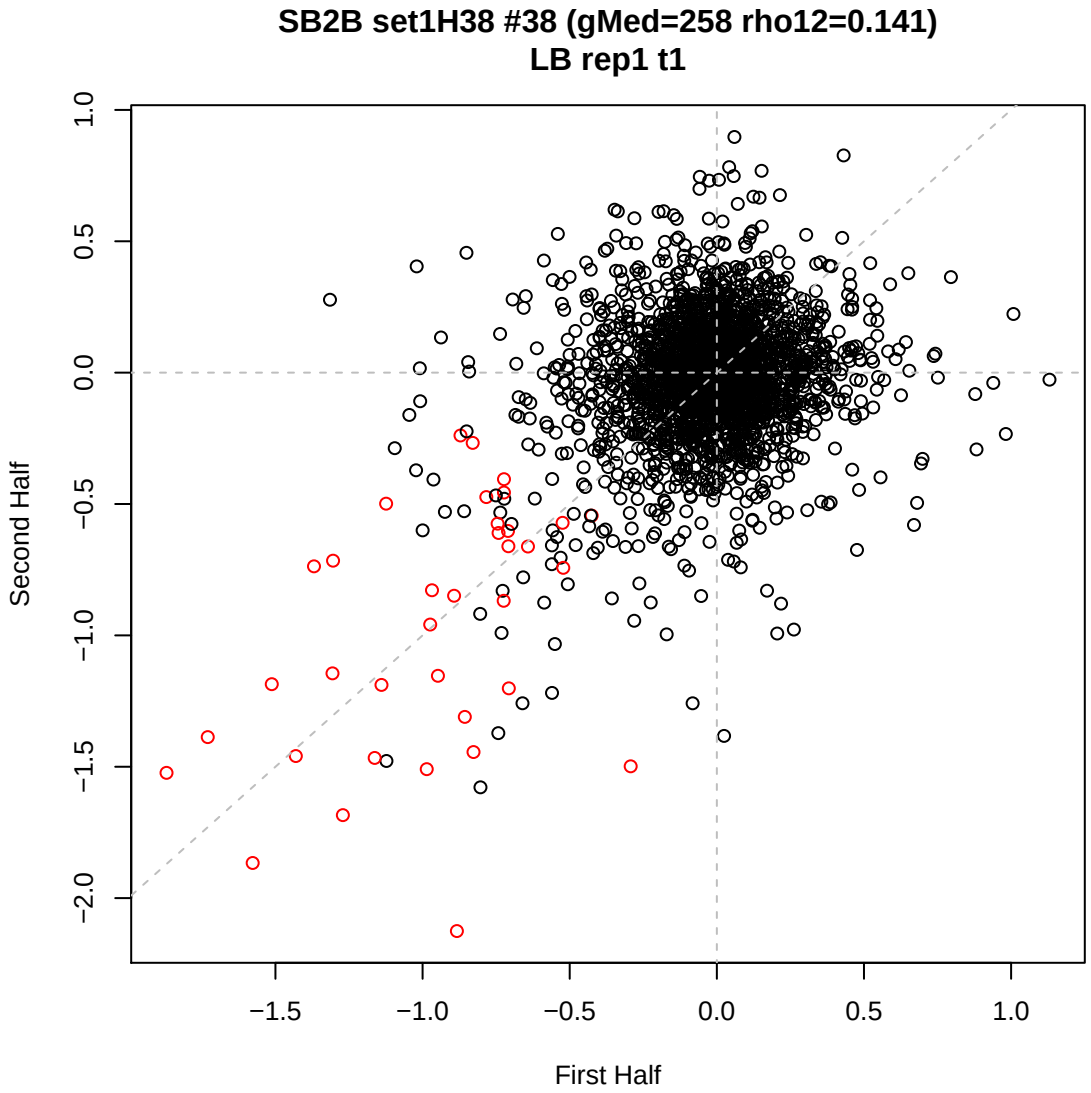

SB2B set1H32 #32 (gMed=246 rho12=0.559)
D,L−Lactate
Second Half
First Half
−5
0
5
10
−5
0
5
10

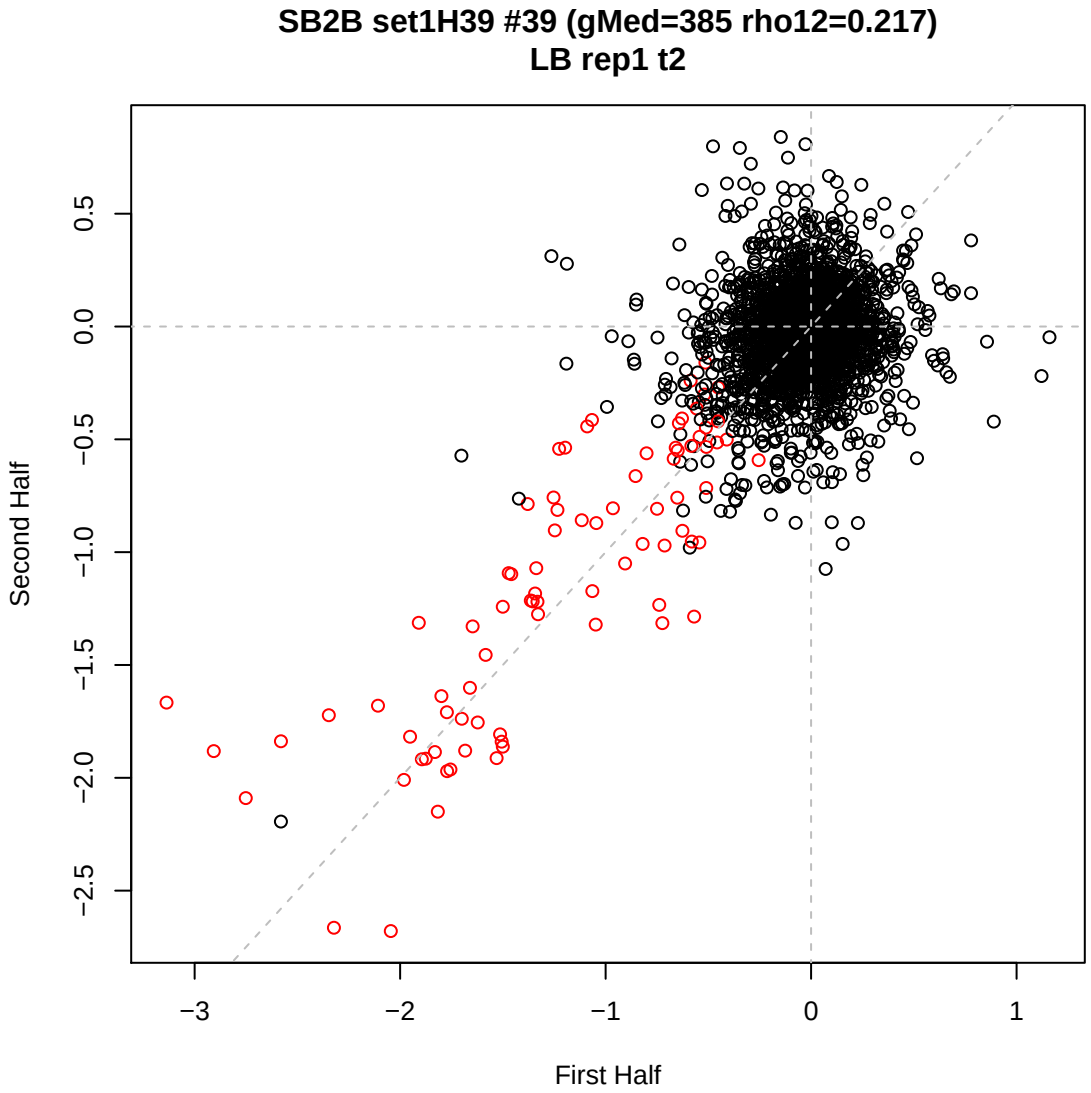

SB2B set1H33 #33 (gMed=392 rho12=0.515)
Tween 20
Second Half
First Half
−6
−4
−2
0
2
4

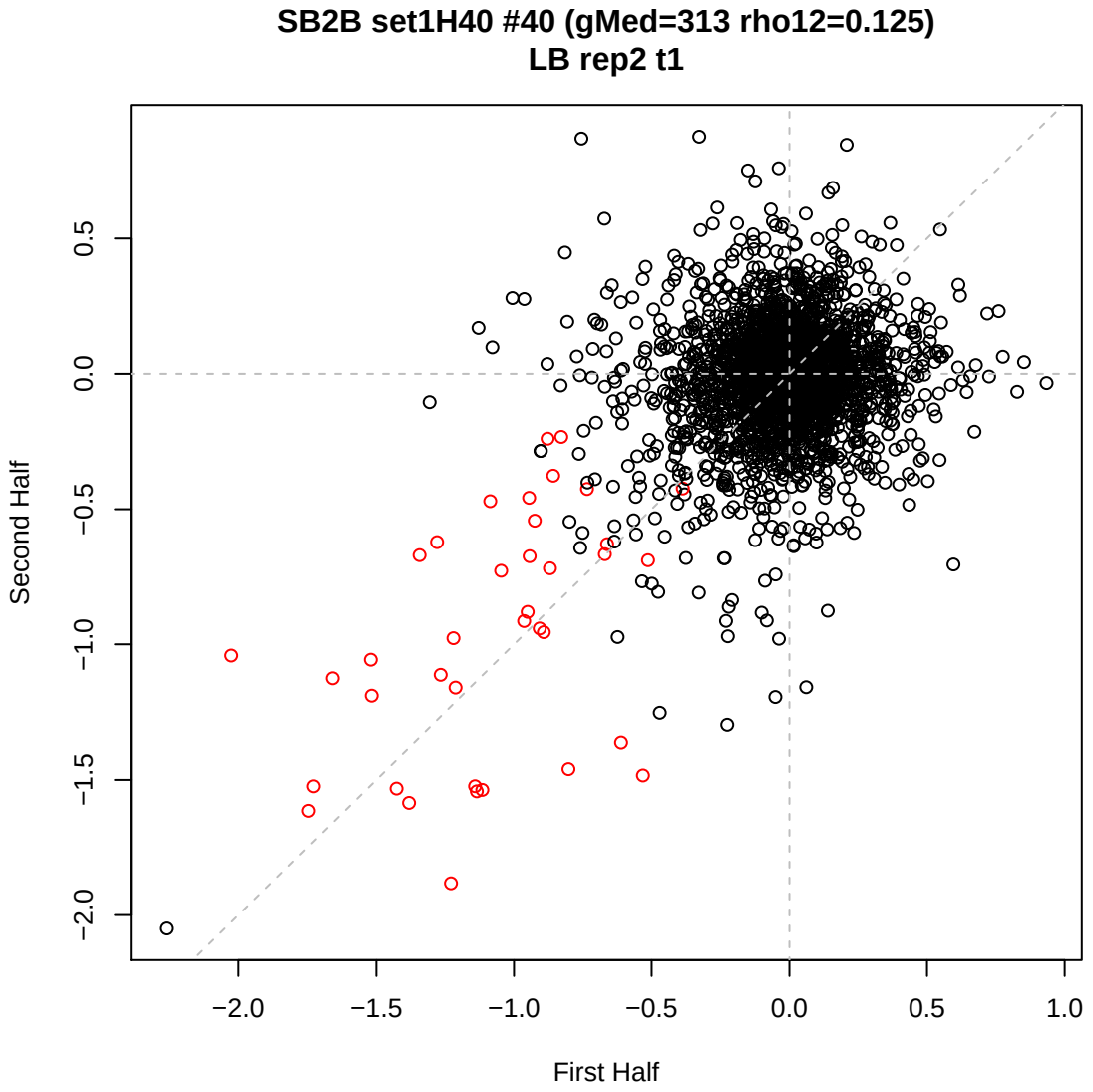

SB2B set1H34 #34 (gMed=414 rho12=0.215)
CAS aminos
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−4
−3
−2
−1
0
1

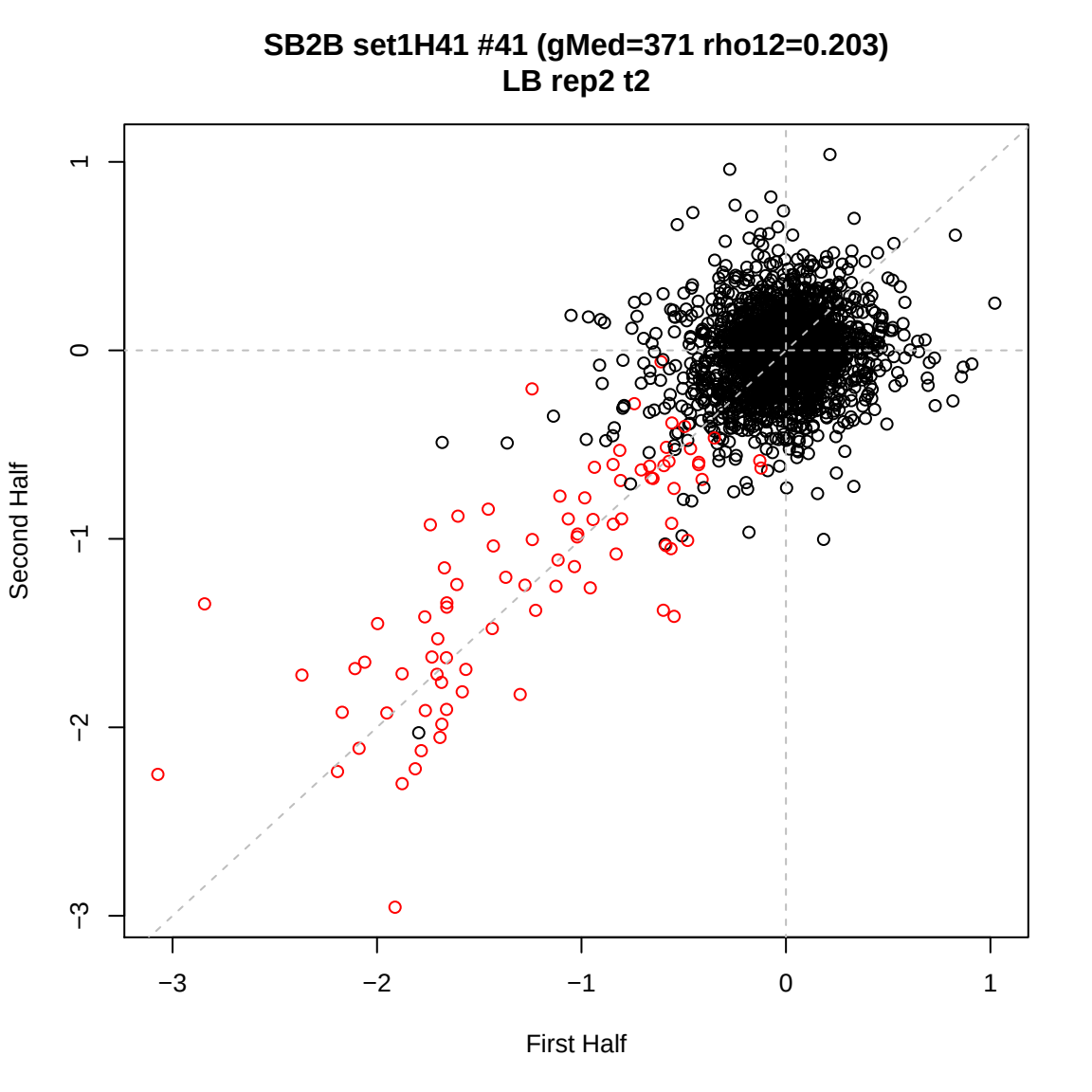

SB2B set1H35 #35 (gMed=271 rho12=0.517)
Putrescine
Second Half
First Half
−6
−4
−2
0
2
4
6

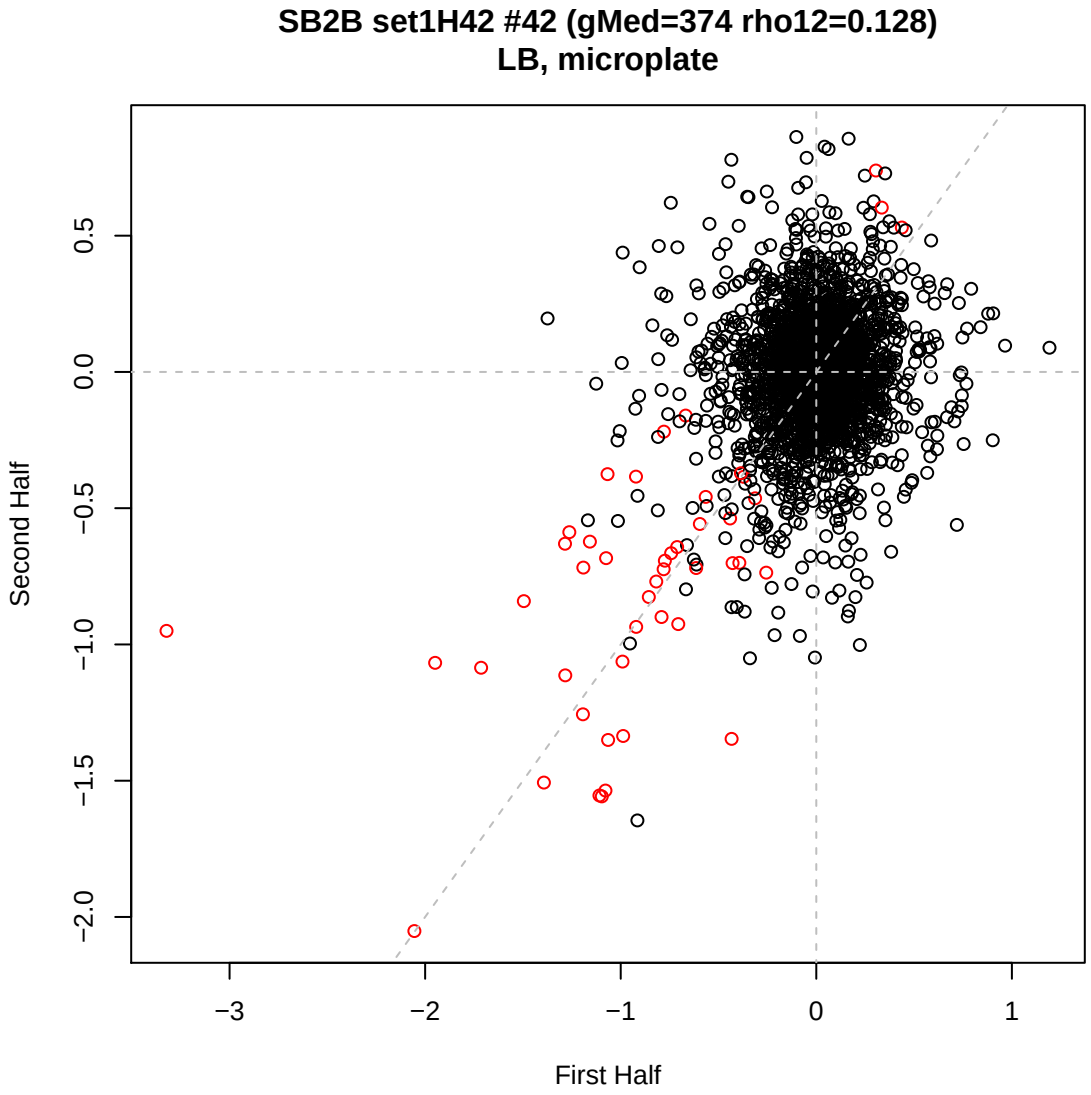

SB2B set1H36 #36 (gMed=376 rho12=0.522)
NAG
Second Half
First Half
−6
−4
−2
0
2
4
−6
−4
−2
0
2

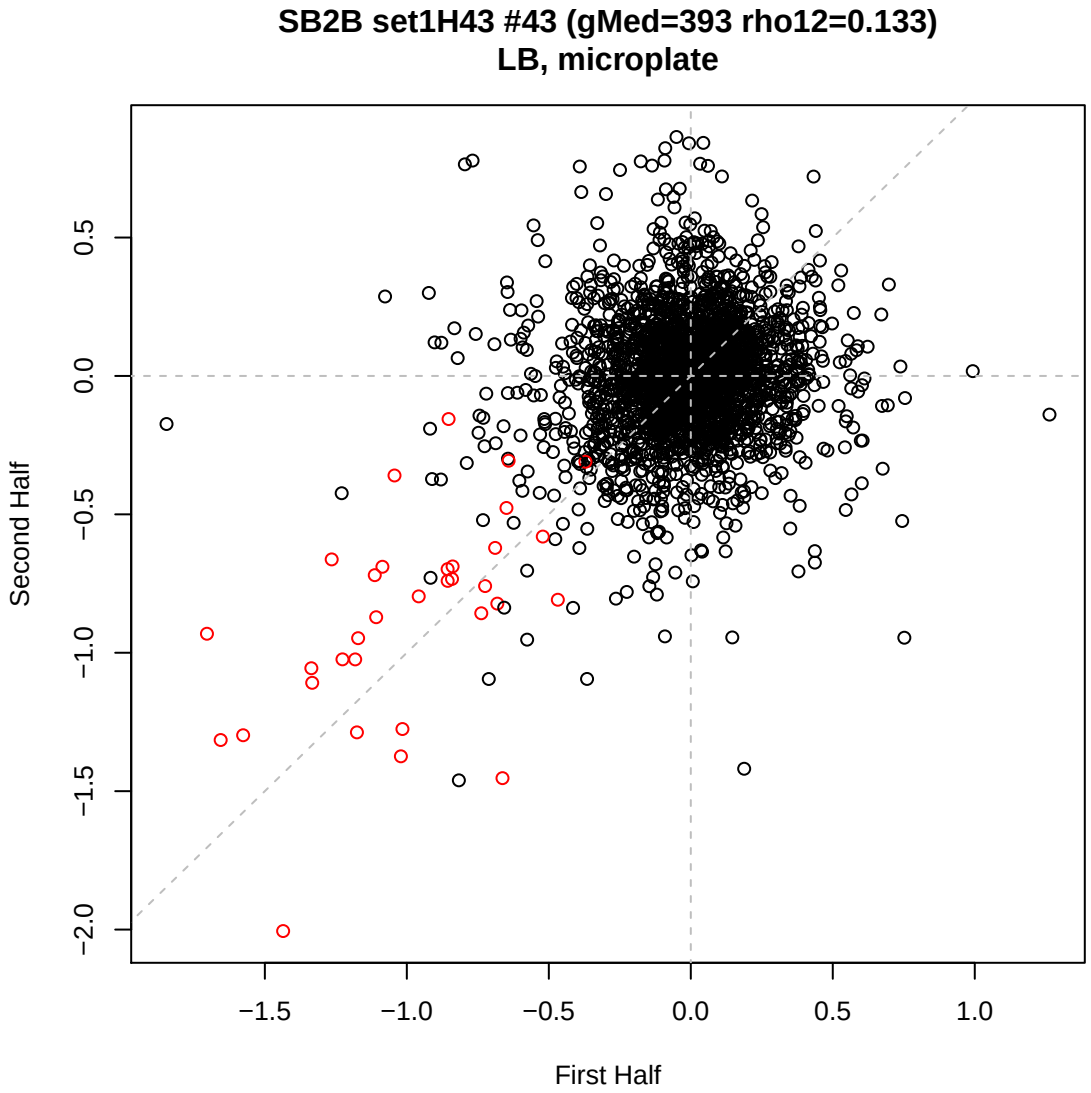

SB2B set1H38 #38 (gMed=258 rho12=0.141)
LB rep1 t1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

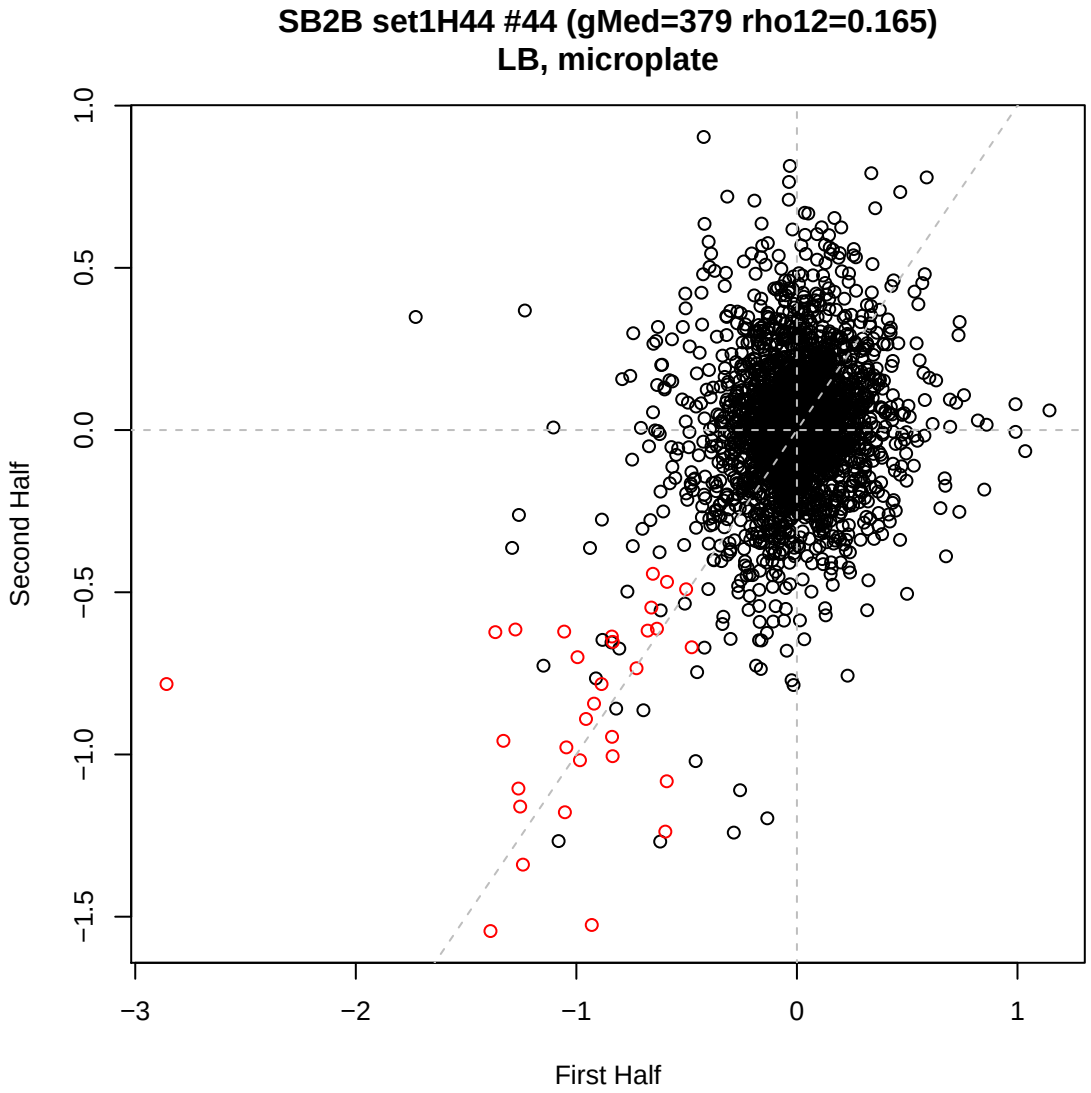

SB2B set1H39 #39 (gMed=385 rho12=0.217)
LB rep1 t2
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3
−2
−1
0
1

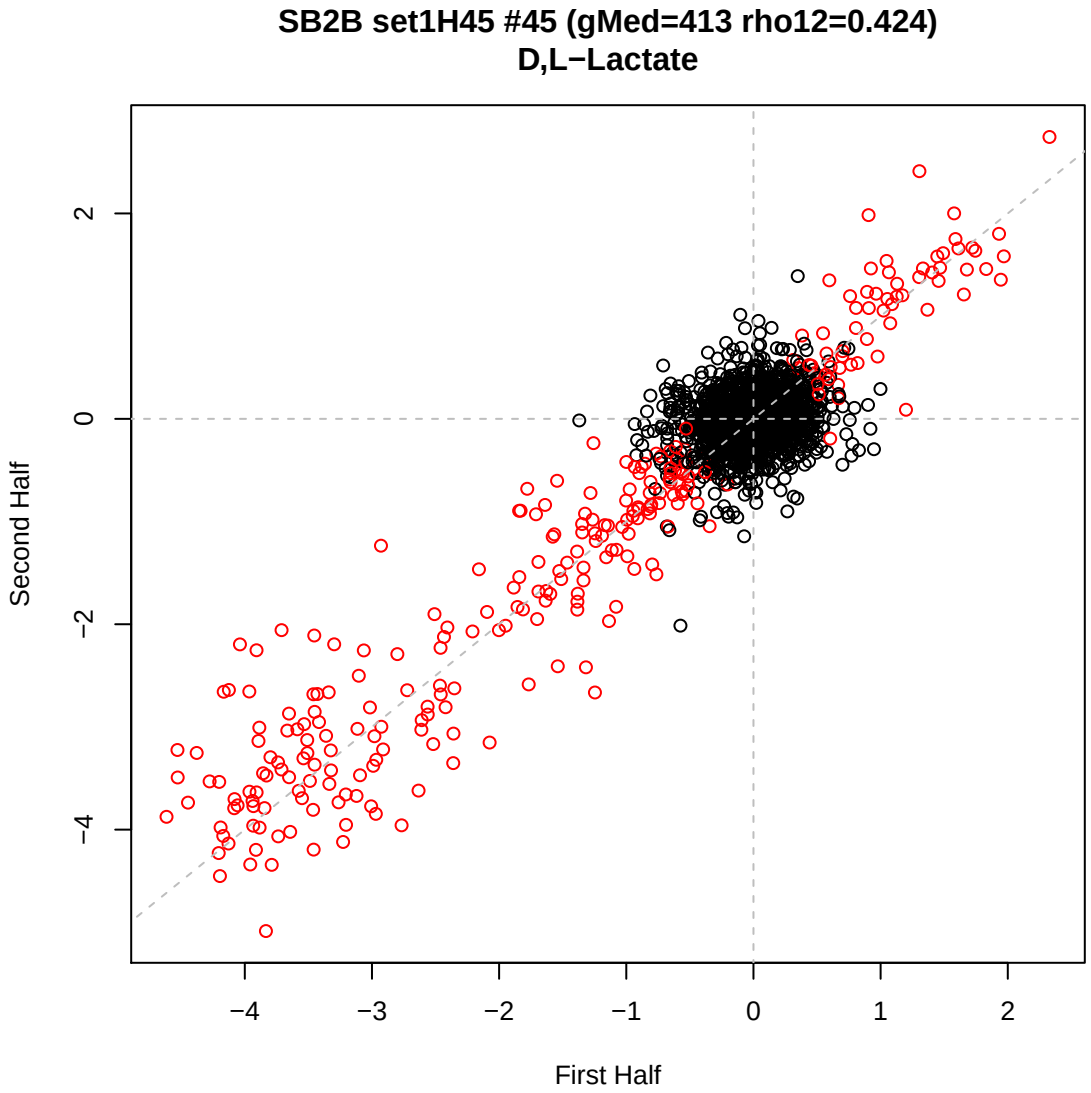

SB2B set1H40 #40 (gMed=313 rho12=0.125)
LB rep2 t1
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

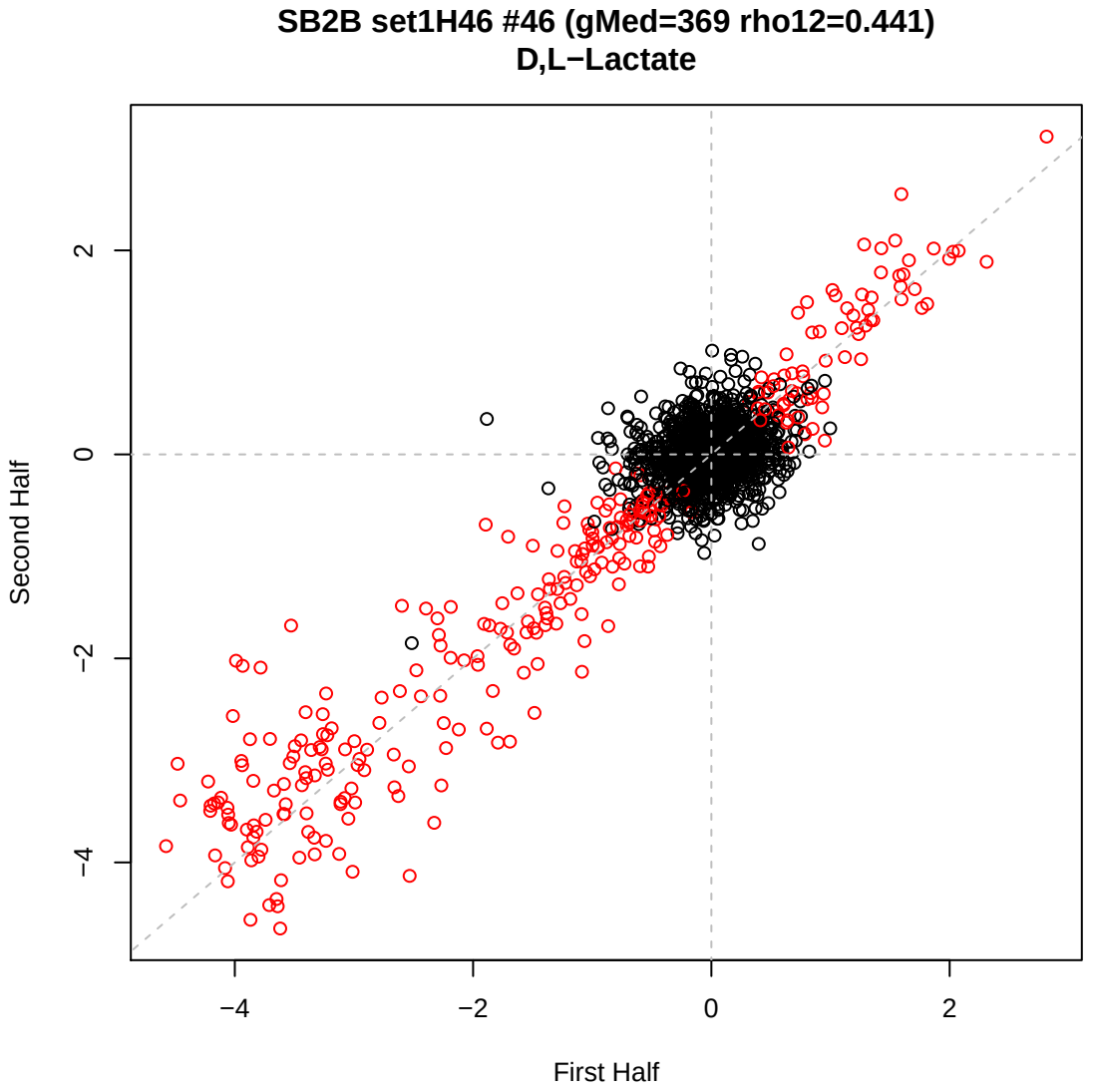

SB2B set1H41 #41 (gMed=371 rho12=0.203)
LB rep2 t2
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

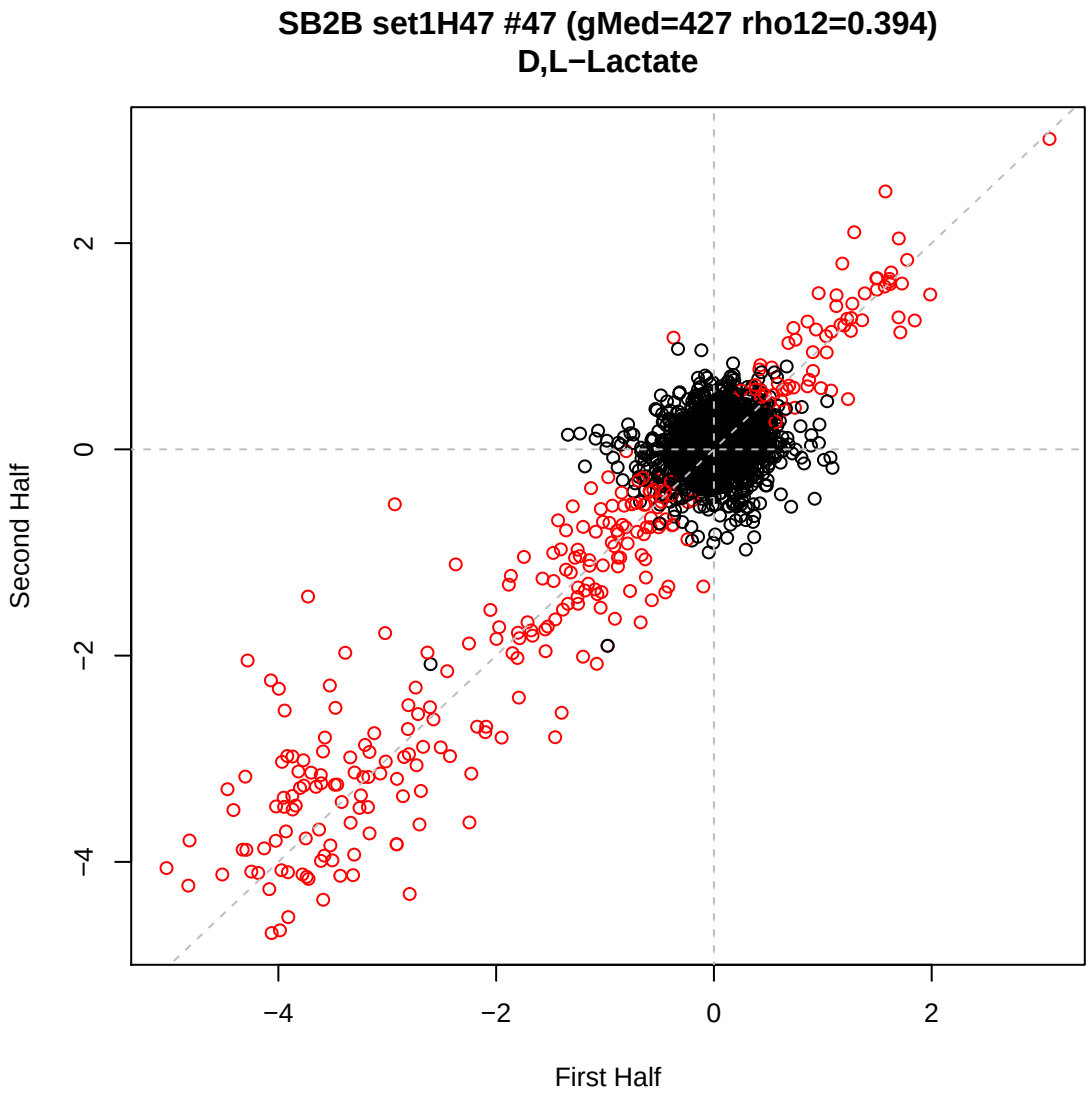

SB2B set1H42 #42 (gMed=374 rho12=0.128)
LB, microplate
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1

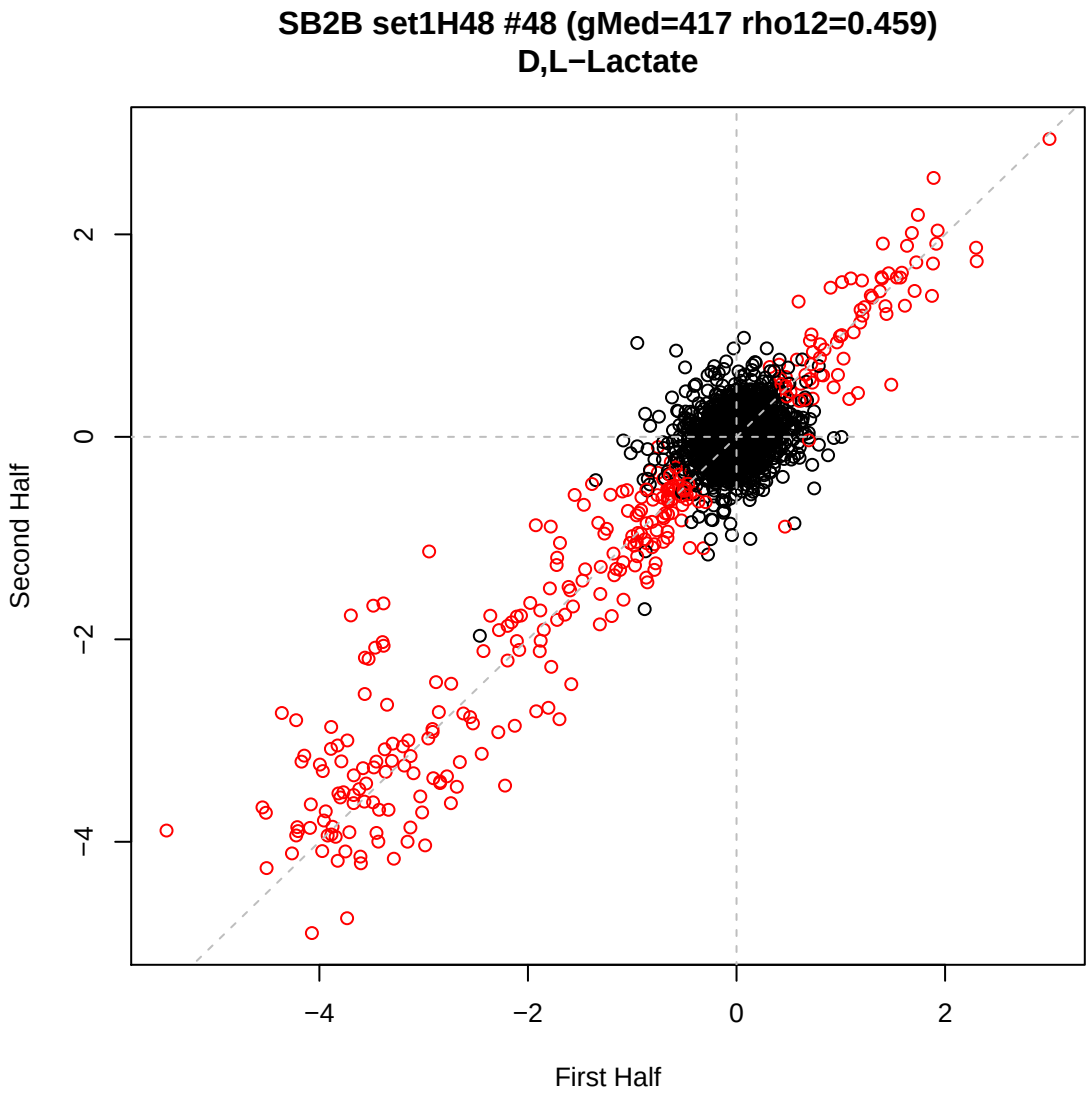

SB2B set1H43 #43 (gMed=393 rho12=0.133)
LB, microplate
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

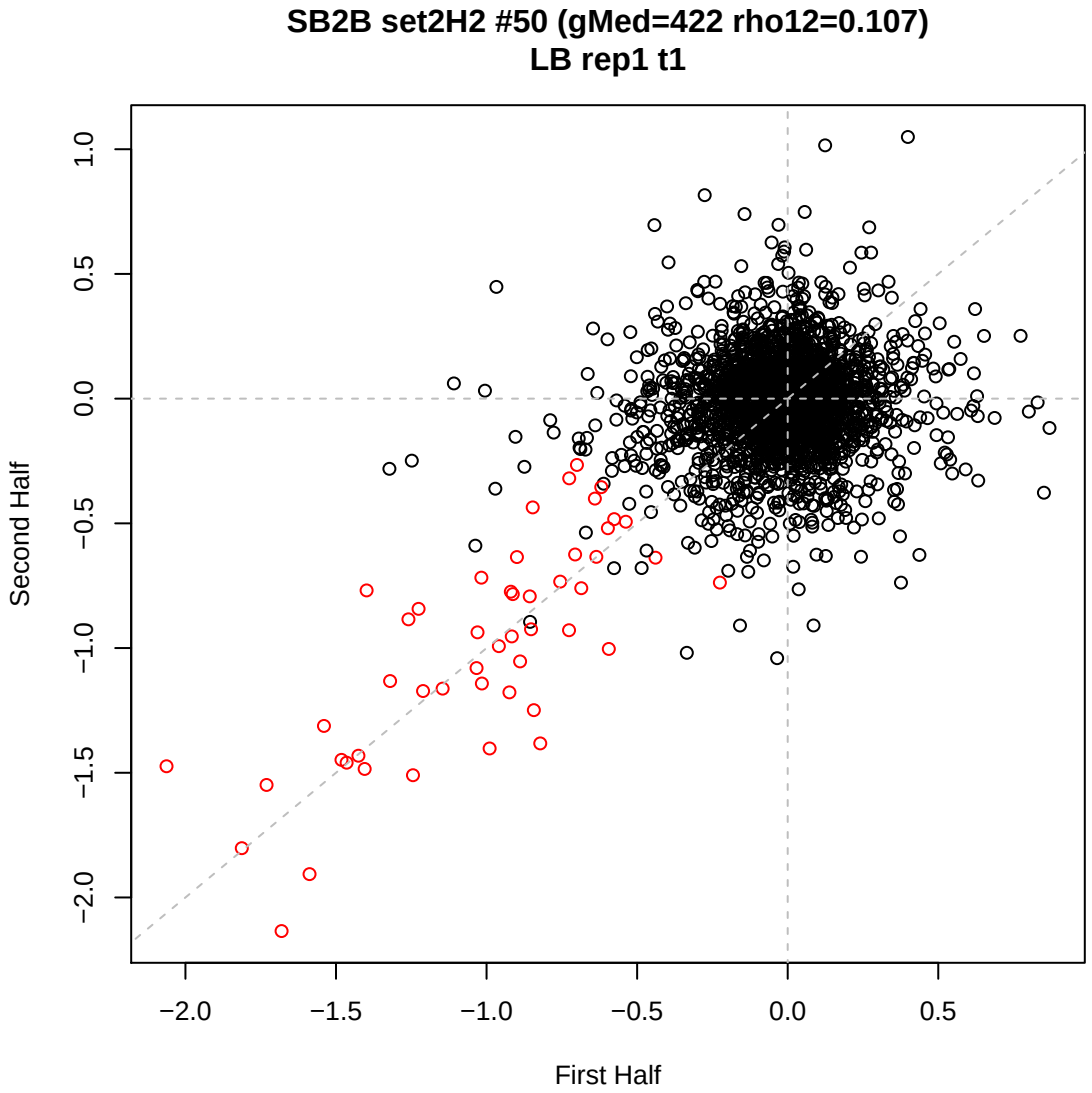

SB2B set1H44 #44 (gMed=379 rho12=0.165)
LB, microplate
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−3
−2
−1
0
1

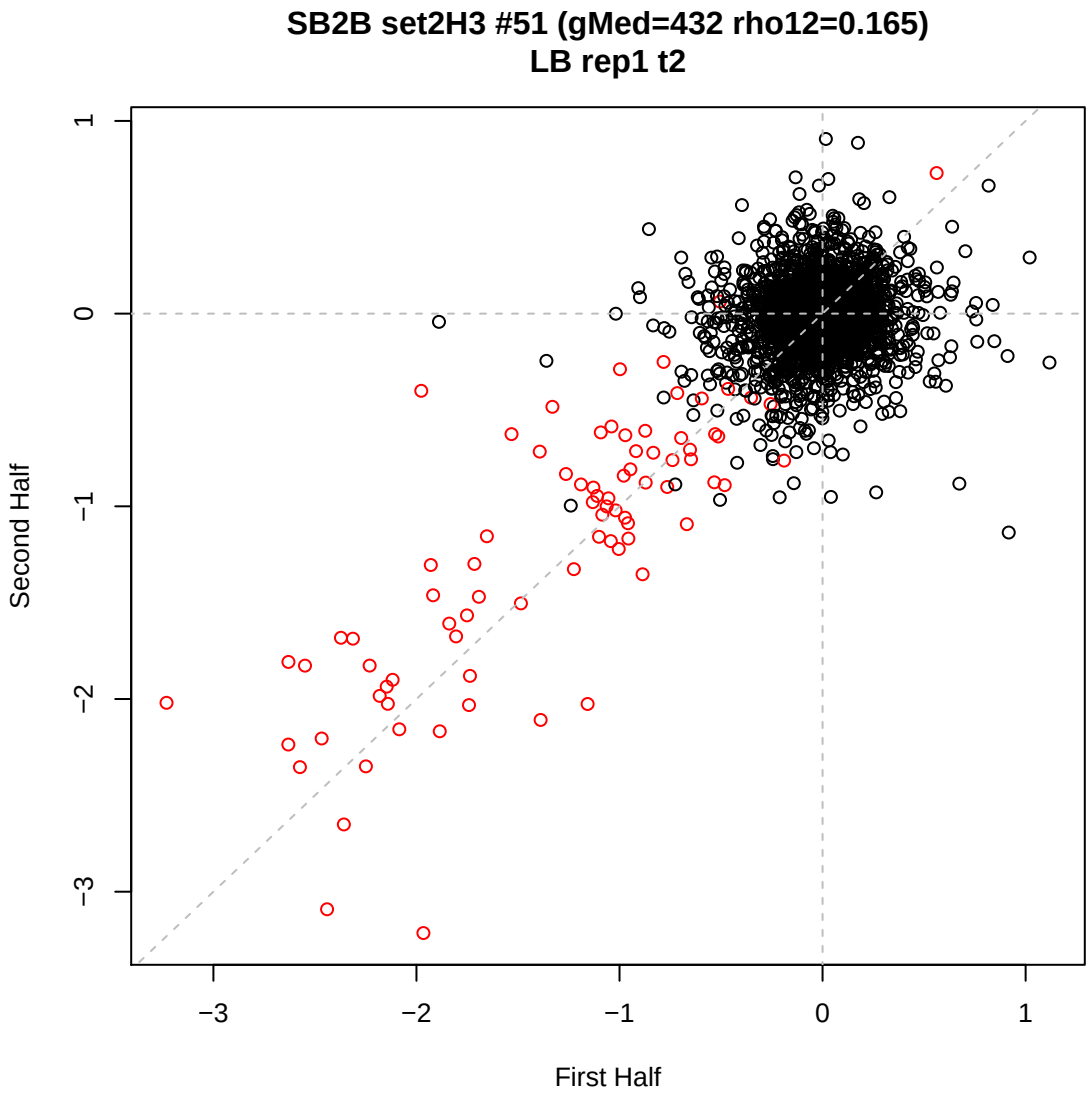

SB2B set1H45 #45 (gMed=413 rho12=0.424)
D,L−Lactate
Second Half
First Half
−4
−3
−2
−1
0
1
2
−4
−2
0
2

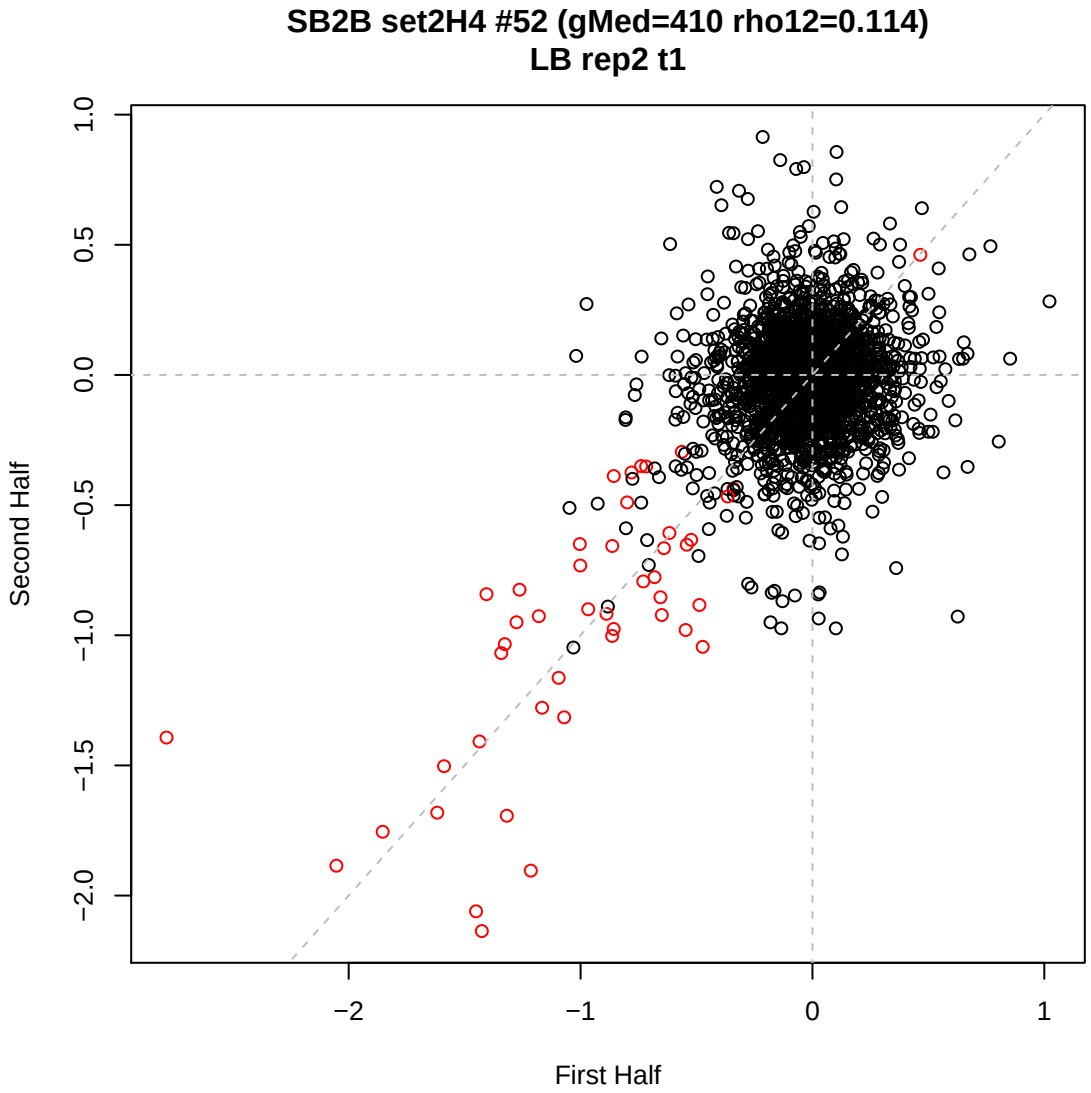

SB2B set1H46 #46 (gMed=369 rho12=0.441)
D,L−Lactate
Second Half
First Half
−4
−2
0
2
−4
−2
0
2

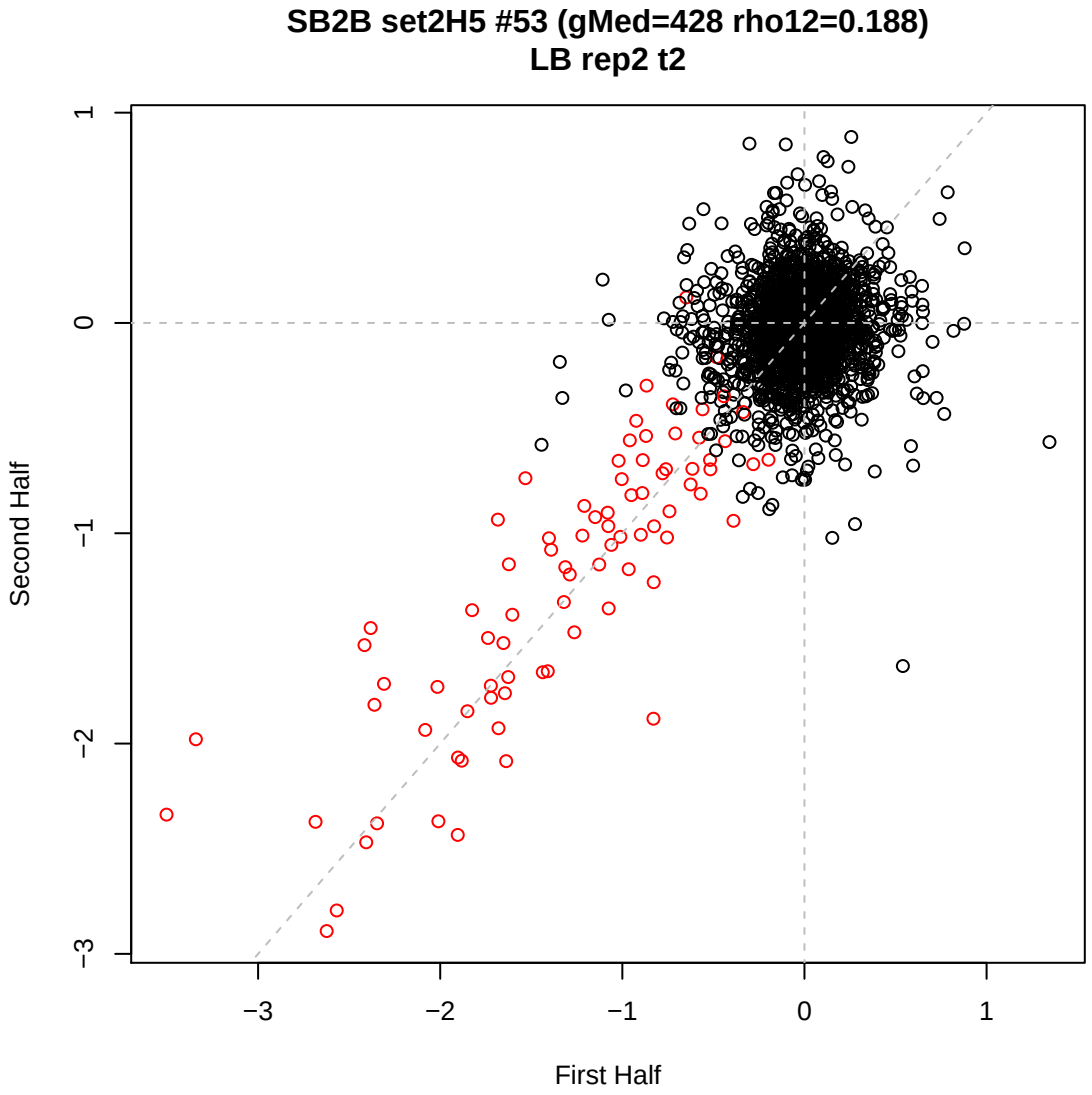

SB2B set1H47 #47 (gMed=427 rho12=0.394)
D,L−Lactate
Second Half
First Half
−4
−2
0
2
−4
−2
0
2

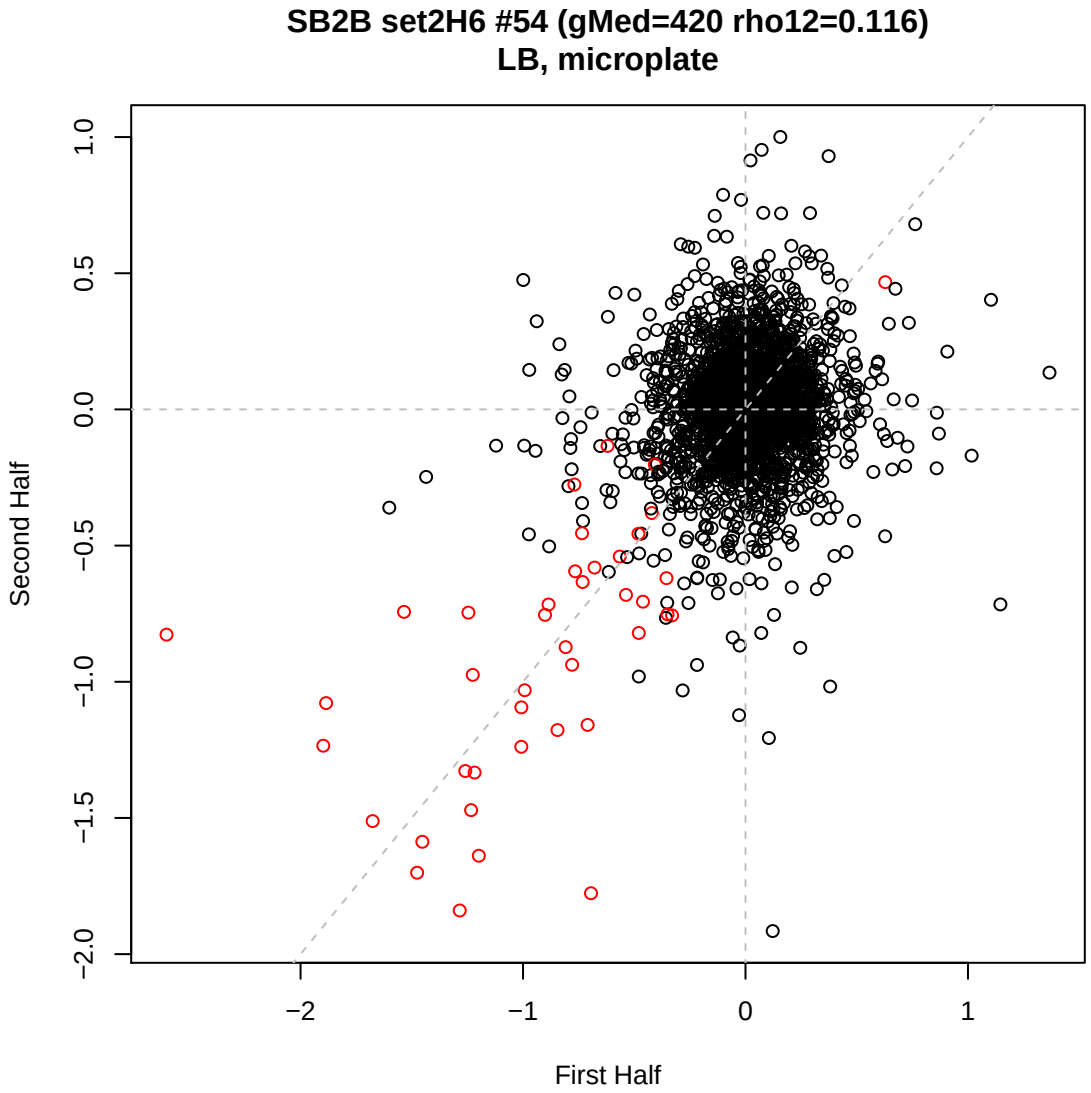

SB2B set1H48 #48 (gMed=417 rho12=0.459)
D,L−Lactate
Second Half
First Half
−4
−2
0
2
−4
−2
0
2

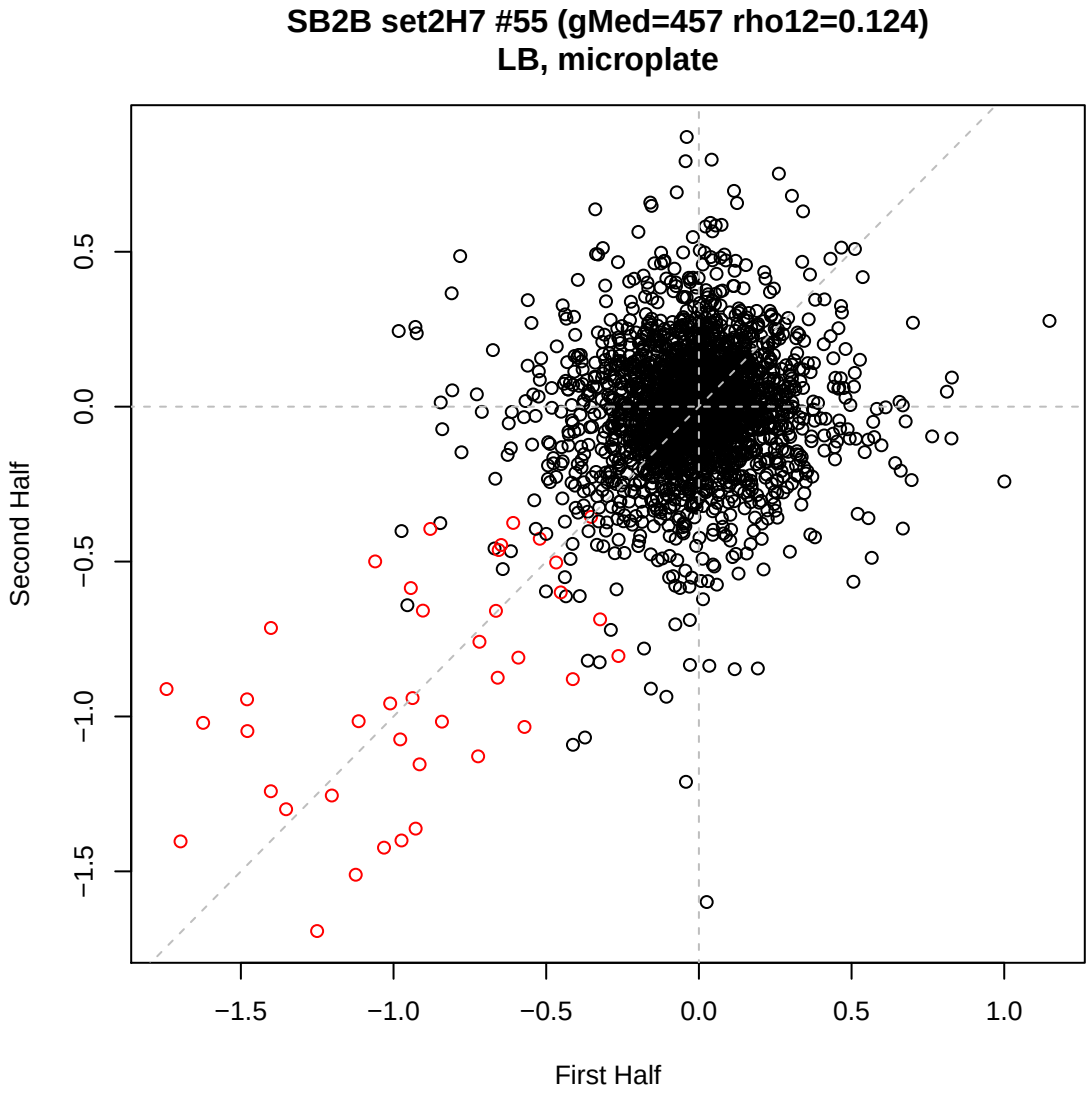

SB2B set2H2 #50 (gMed=422 rho12=0.107)
LB rep1 t1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5

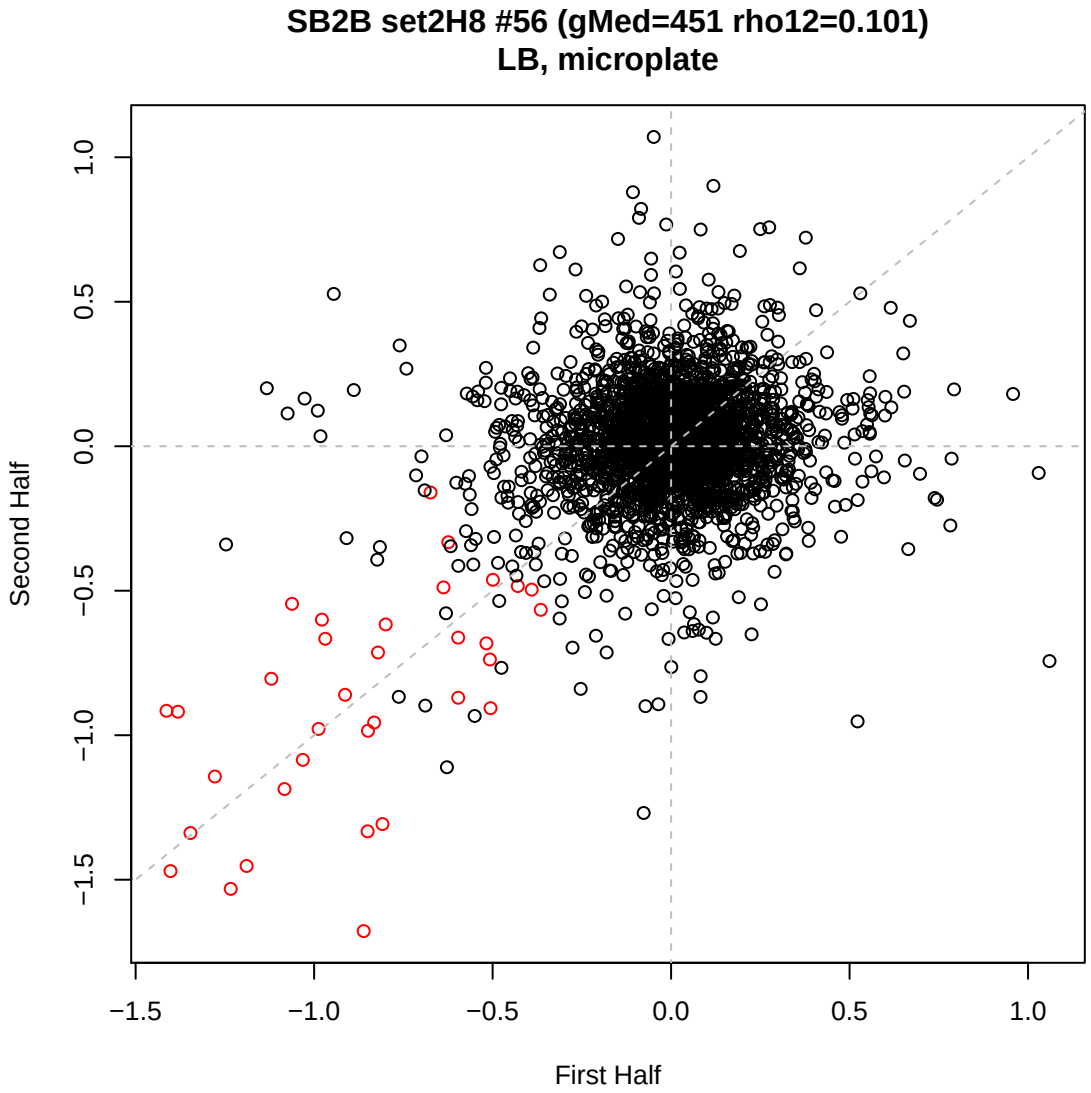

SB2B set2H3 #51 (gMed=432 rho12=0.165)
LB rep1 t2
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

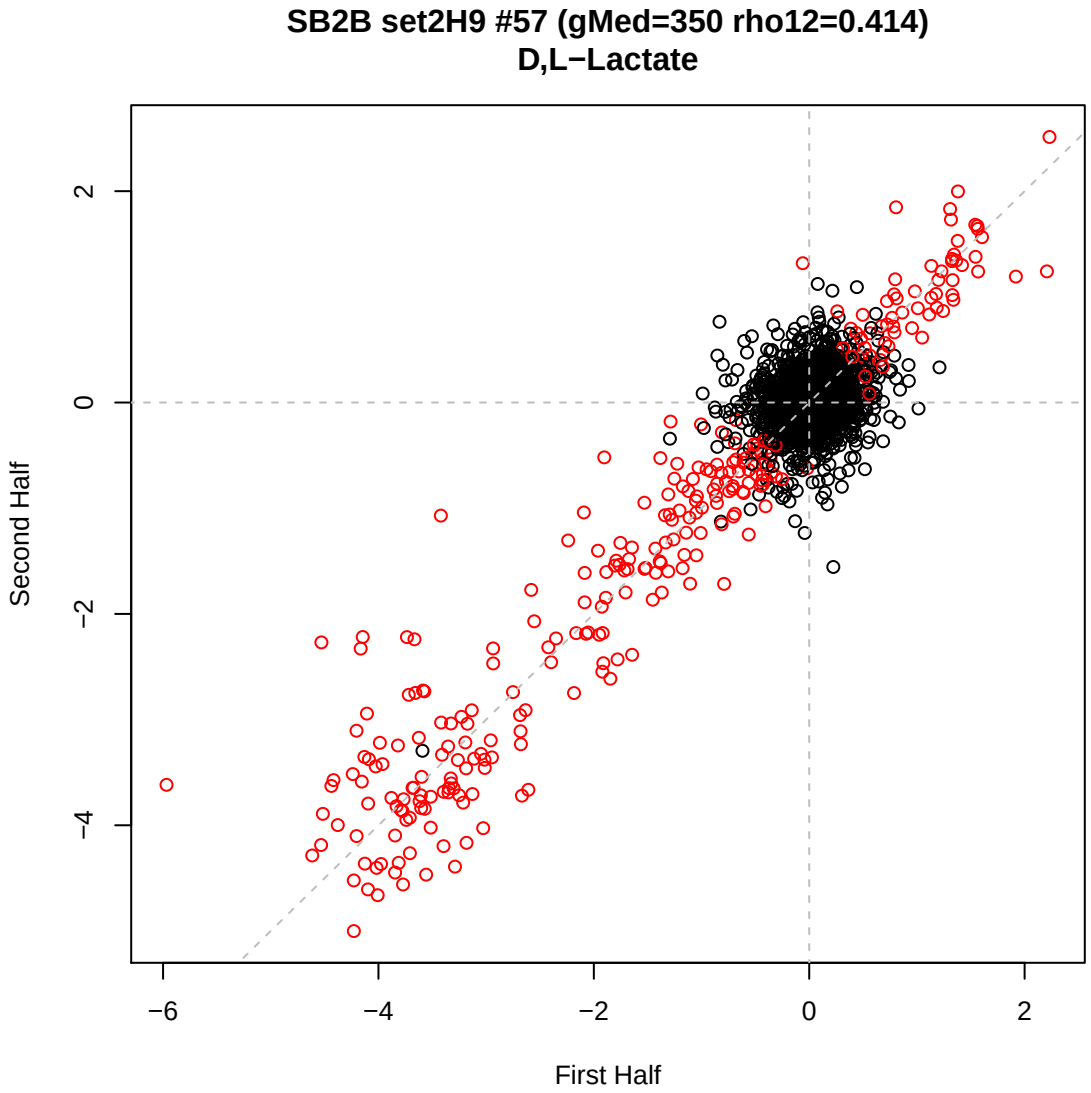

SB2B set2H4 #52 (gMed=410 rho12=0.114)
LB rep2 t1
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

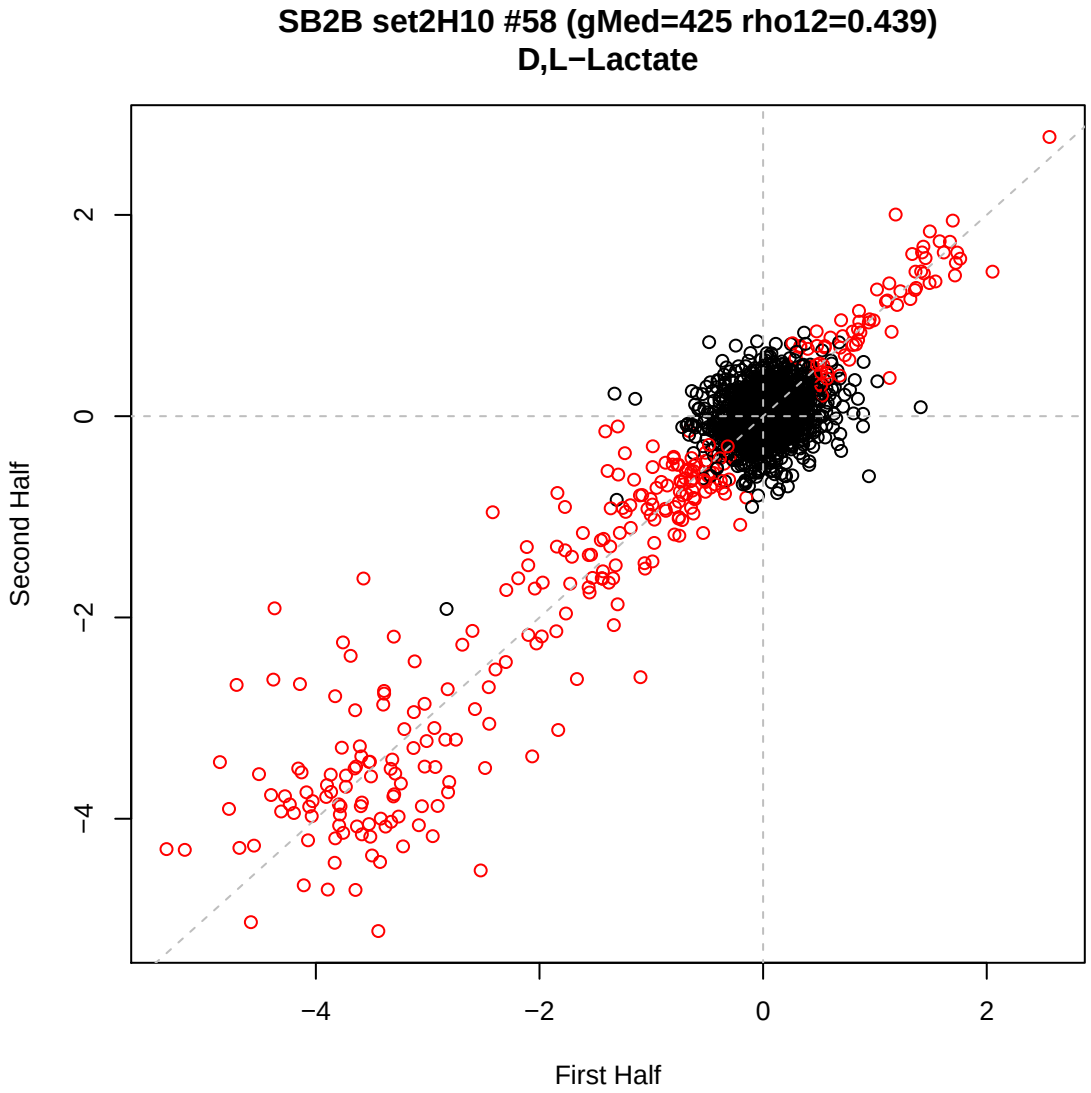

SB2B set2H5 #53 (gMed=428 rho12=0.188)
LB rep2 t2
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

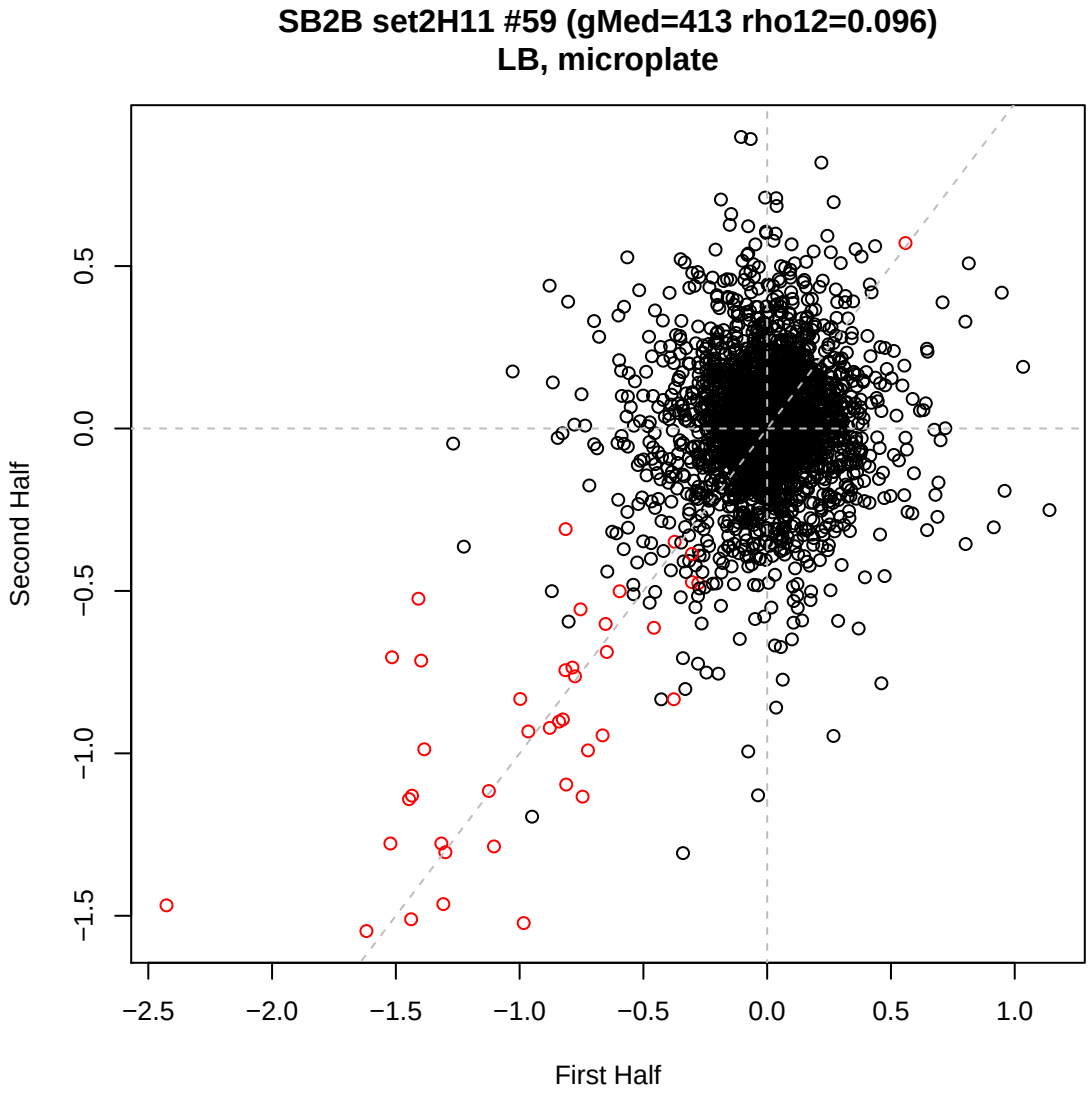

SB2B set2H6 #54 (gMed=420 rho12=0.116)
LB, microplate
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2
−1
0
1

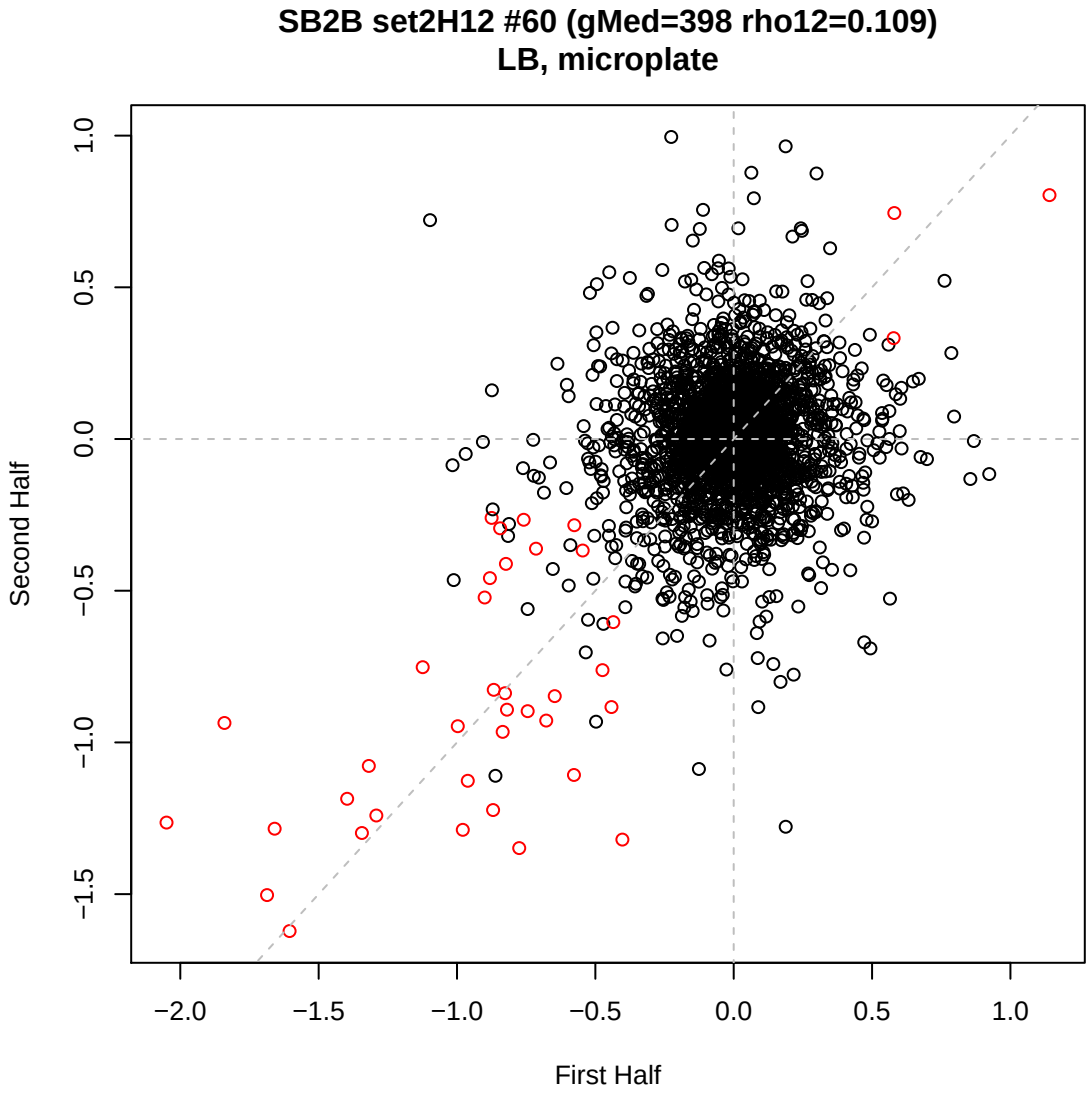

SB2B set2H7 #55 (gMed=457 rho12=0.124)
LB, microplate
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

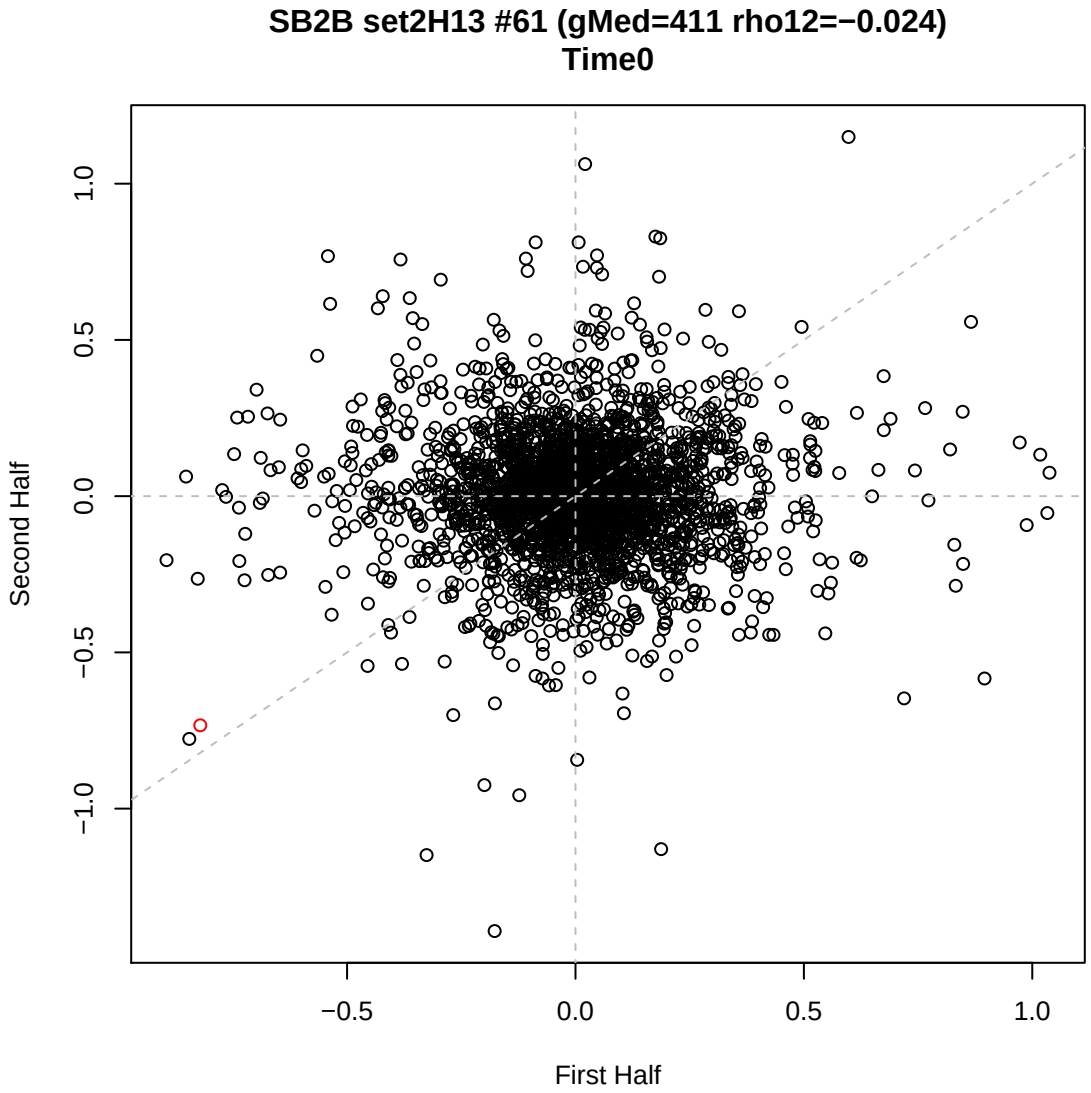

SB2B set2H8 #56 (gMed=451 rho12=0.101)
LB, microplate
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0

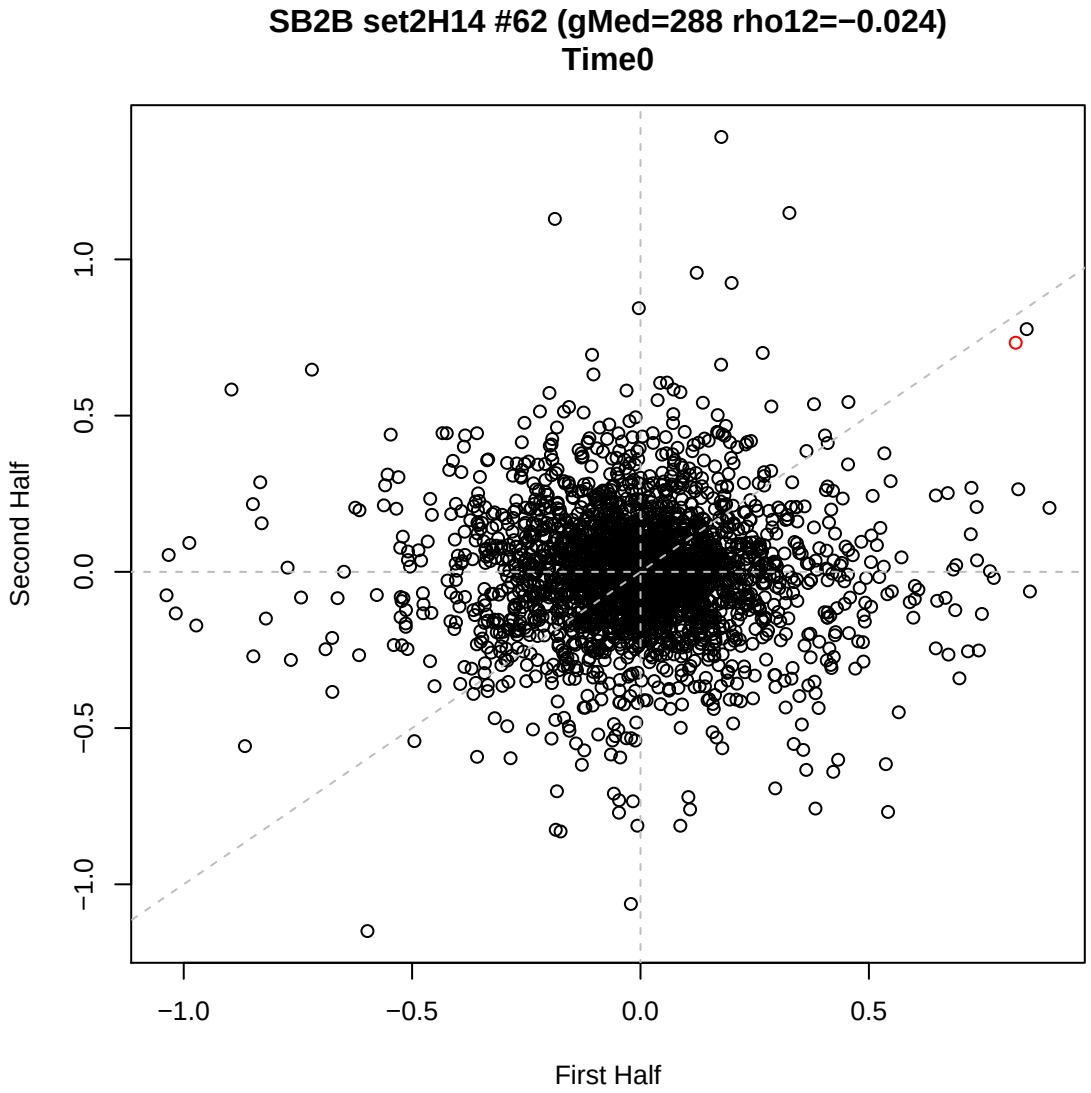

SB2B set2H9 #57 (gMed=350 rho12=0.414)
D,L−Lactate
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

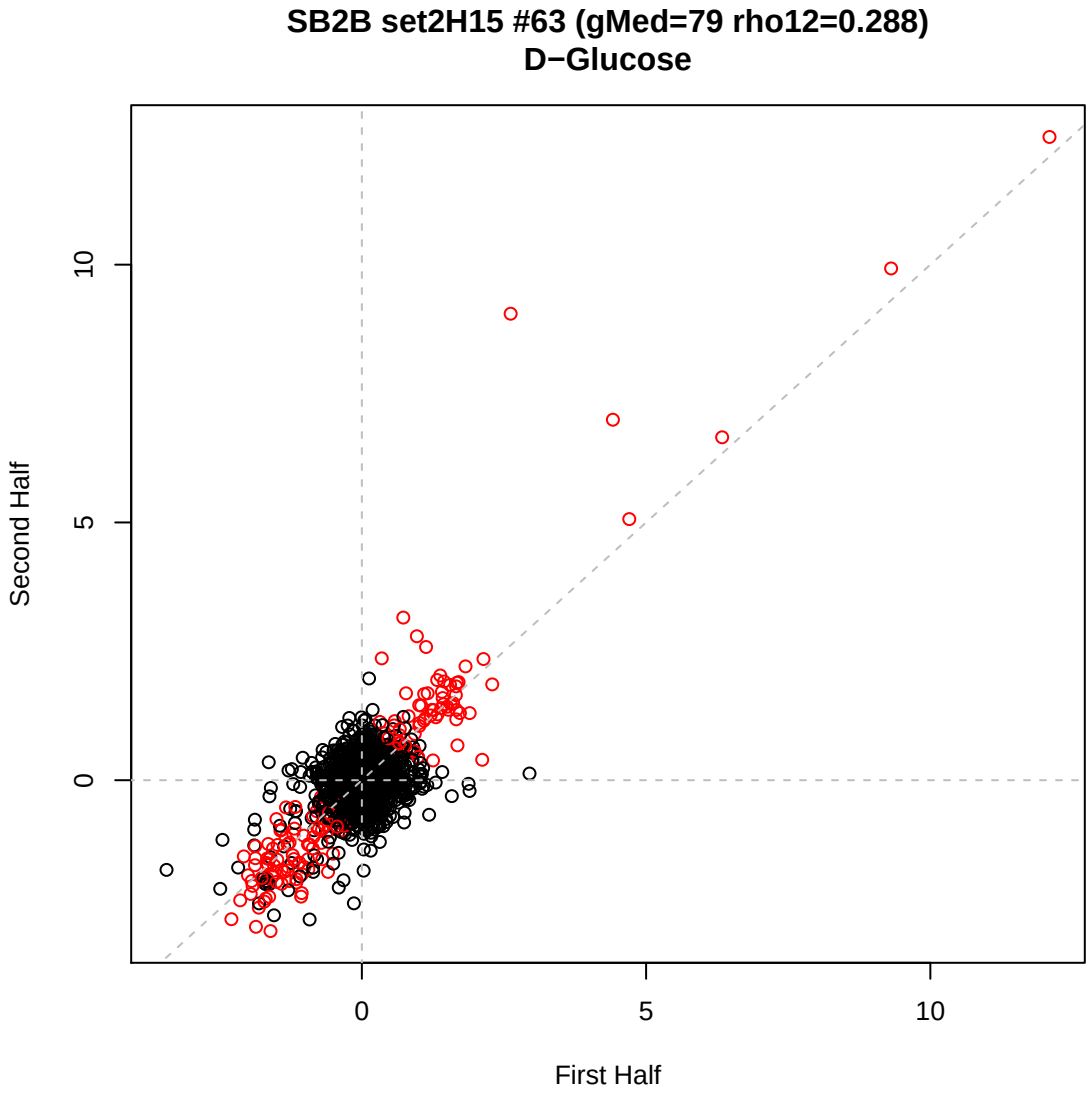

SB2B set2H10 #58 (gMed=425 rho12=0.439)
D,L−Lactate
Second Half
First Half
−4
−2
0
2

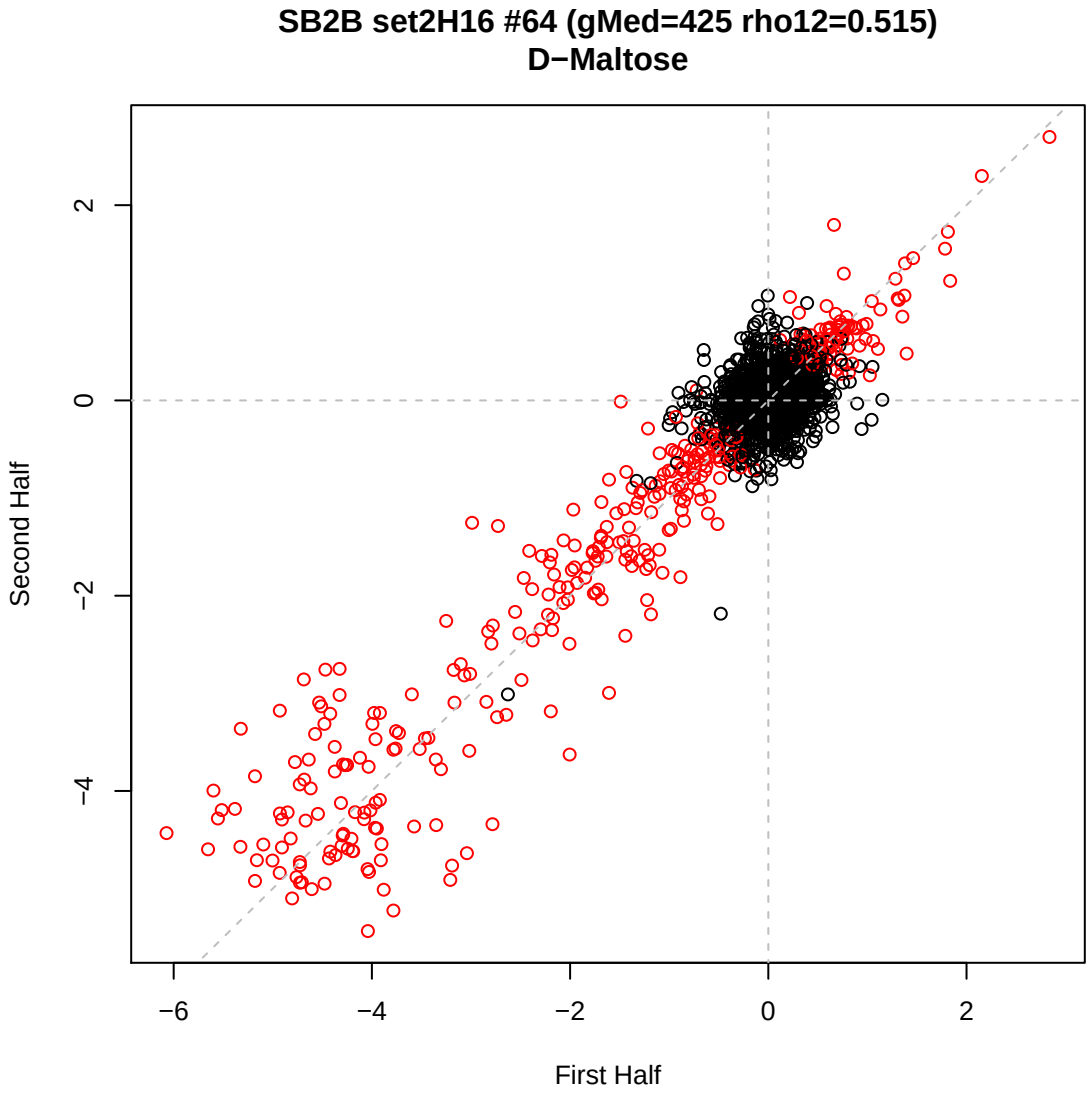

SB2B set2H11 #59 (gMed=413 rho12=0.096)
LB, microplate
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

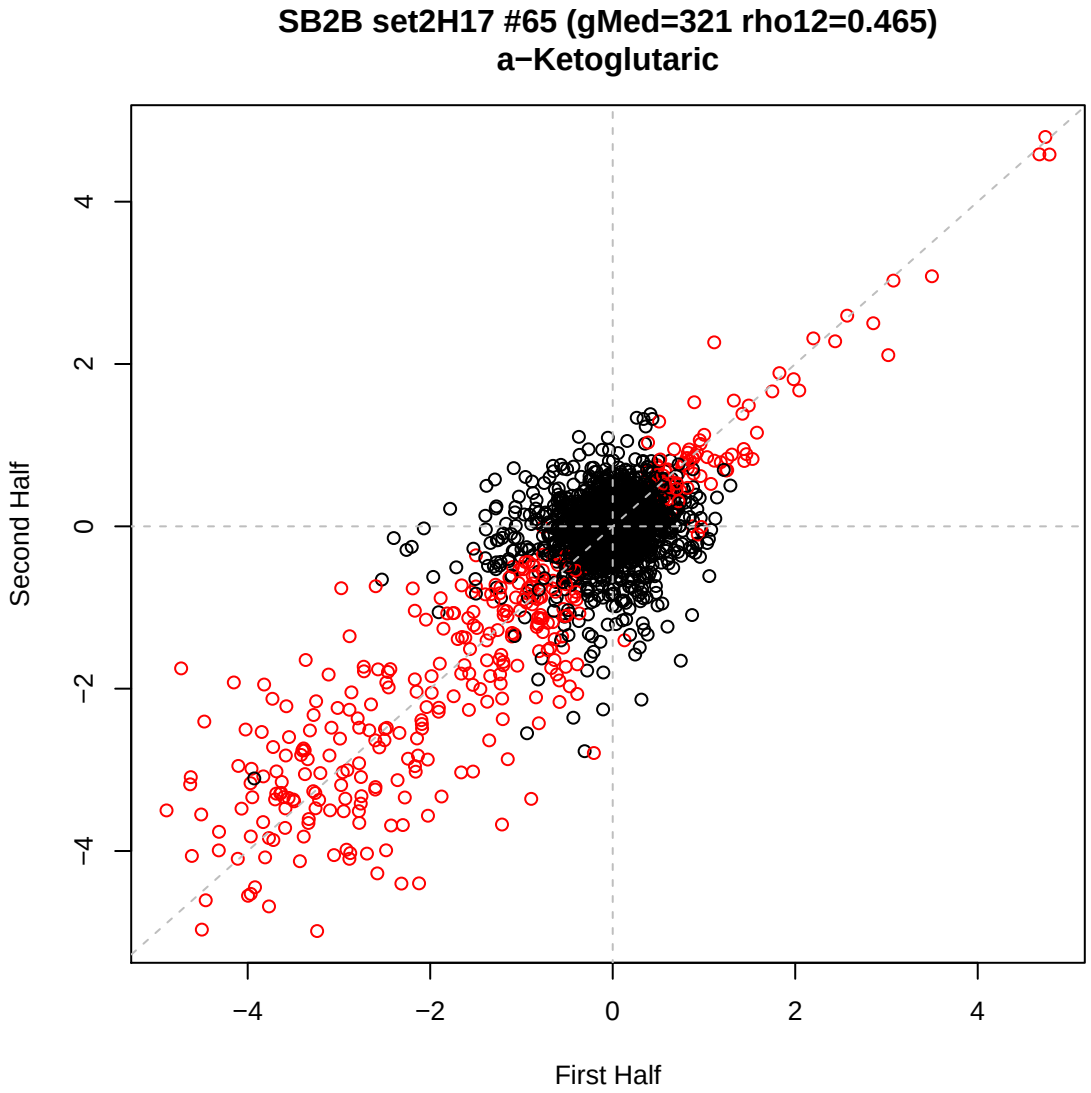

SB2B set2H12 #60 (gMed=398 rho12=0.109)
LB, microplate
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0

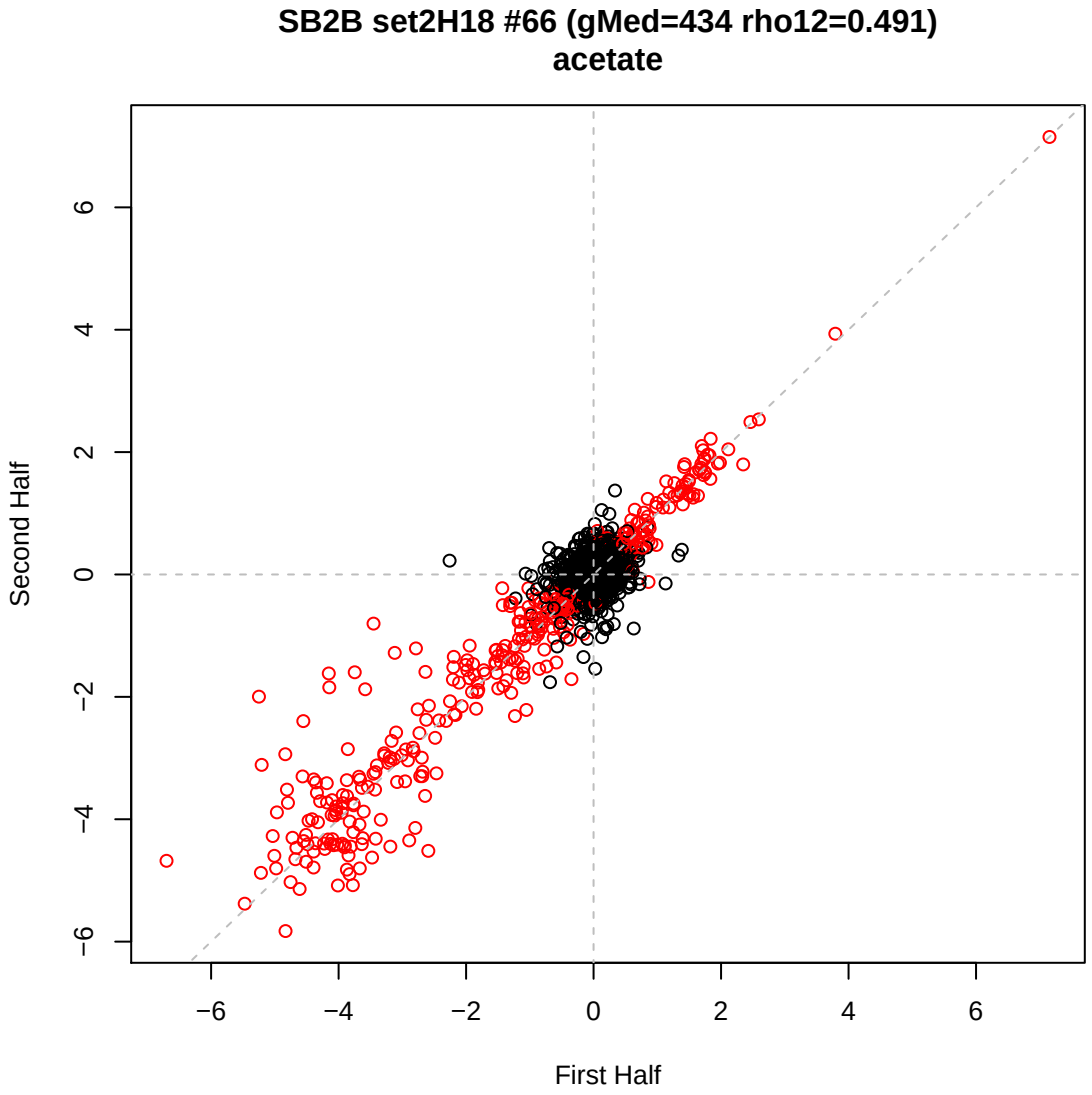

SB2B set2H13 #61 (gMed=411 rho12=−0.024)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0

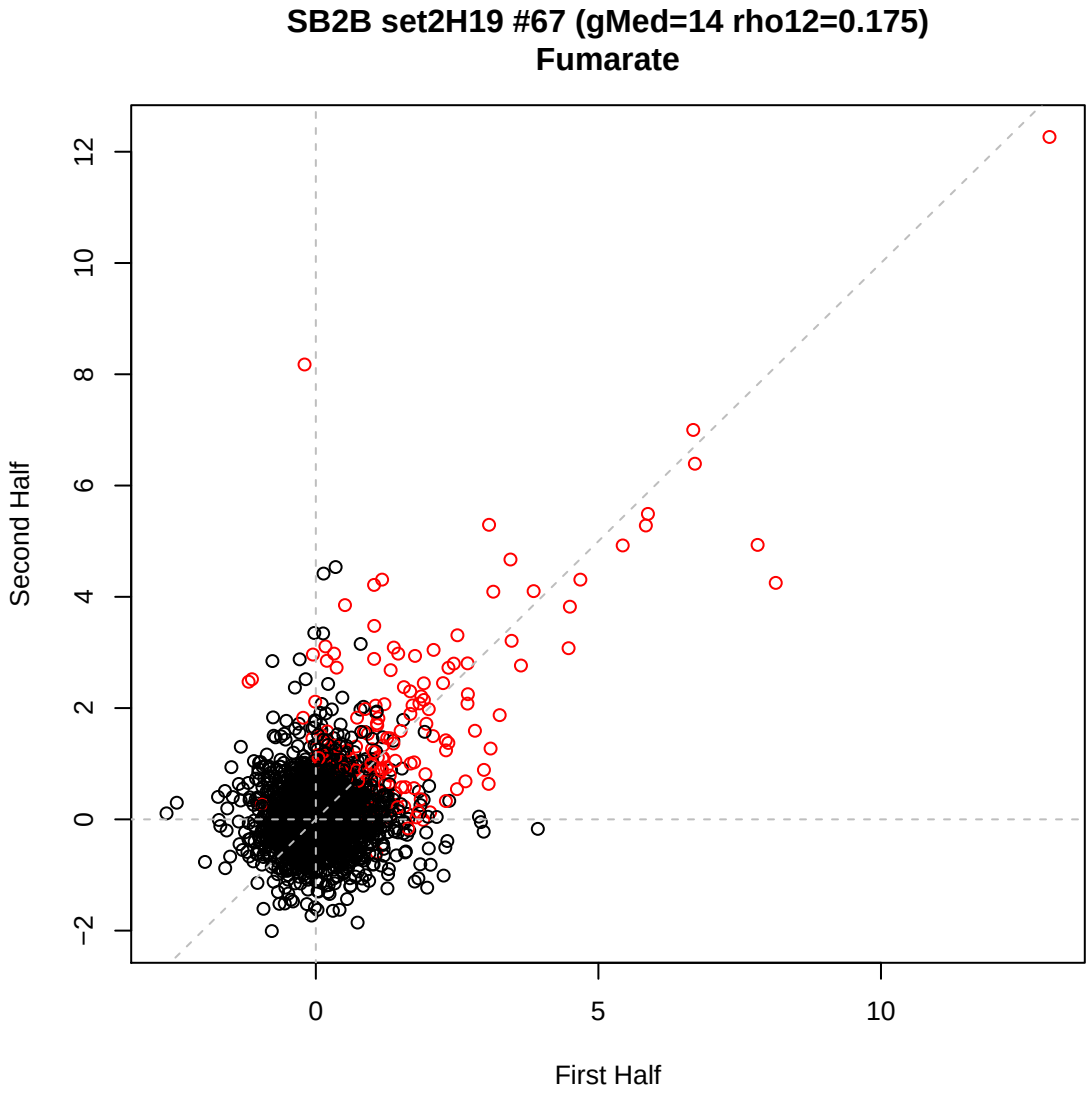

SB2B set2H14 #62 (gMed=288 rho12=−0.024)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

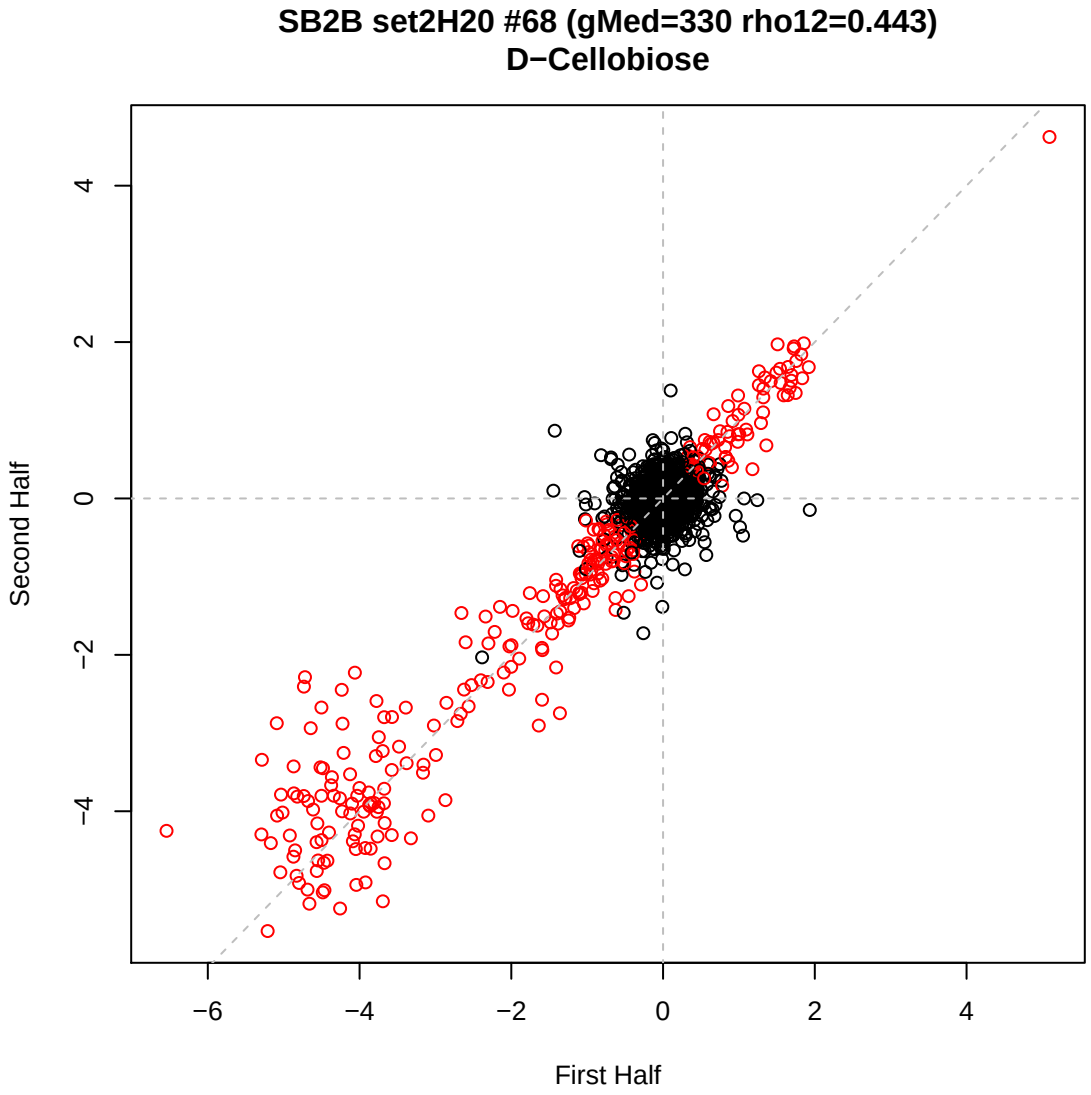

SB2B set2H15 #63 (gMed=79 rho12=0.288)
D−Glucose
Second Half
First Half
0
5
10
0
5
10

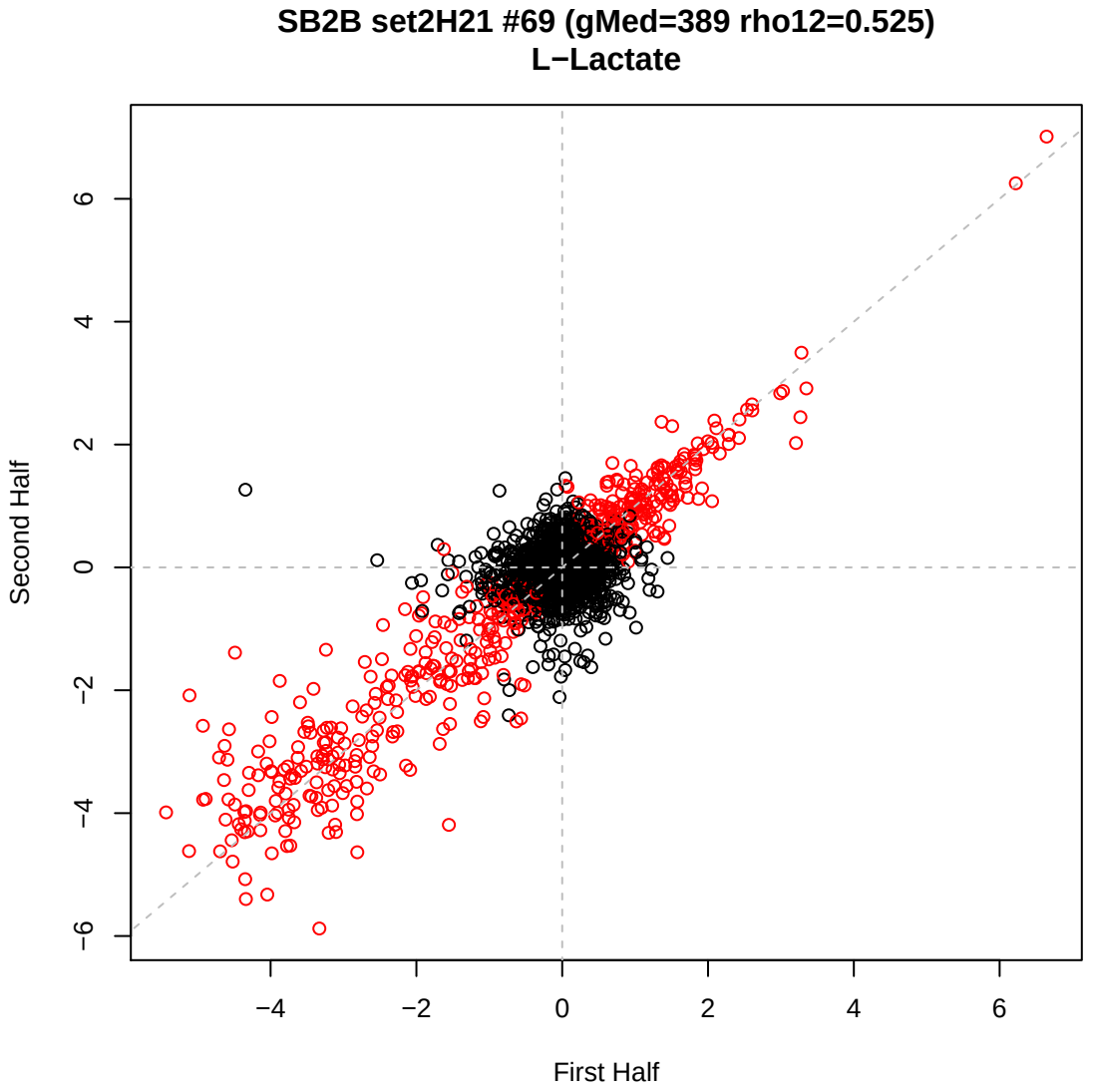

SB2B set2H16 #64 (gMed=425 rho12=0.515)
D−Maltose
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

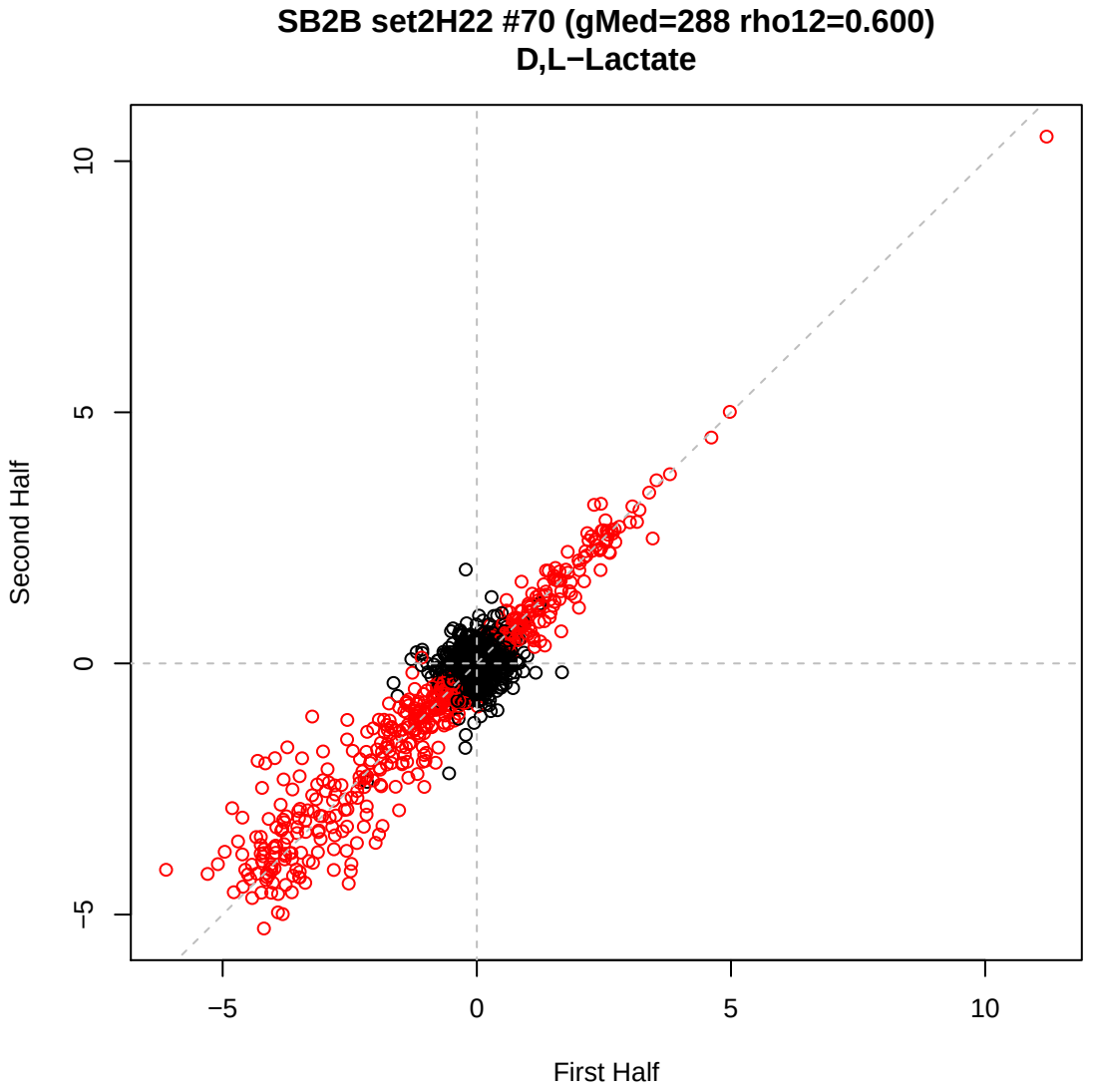

SB2B set2H17 #65 (gMed=321 rho12=0.465)
a−Ketoglutaric
Second Half
First Half
−4
−2
0
2
4

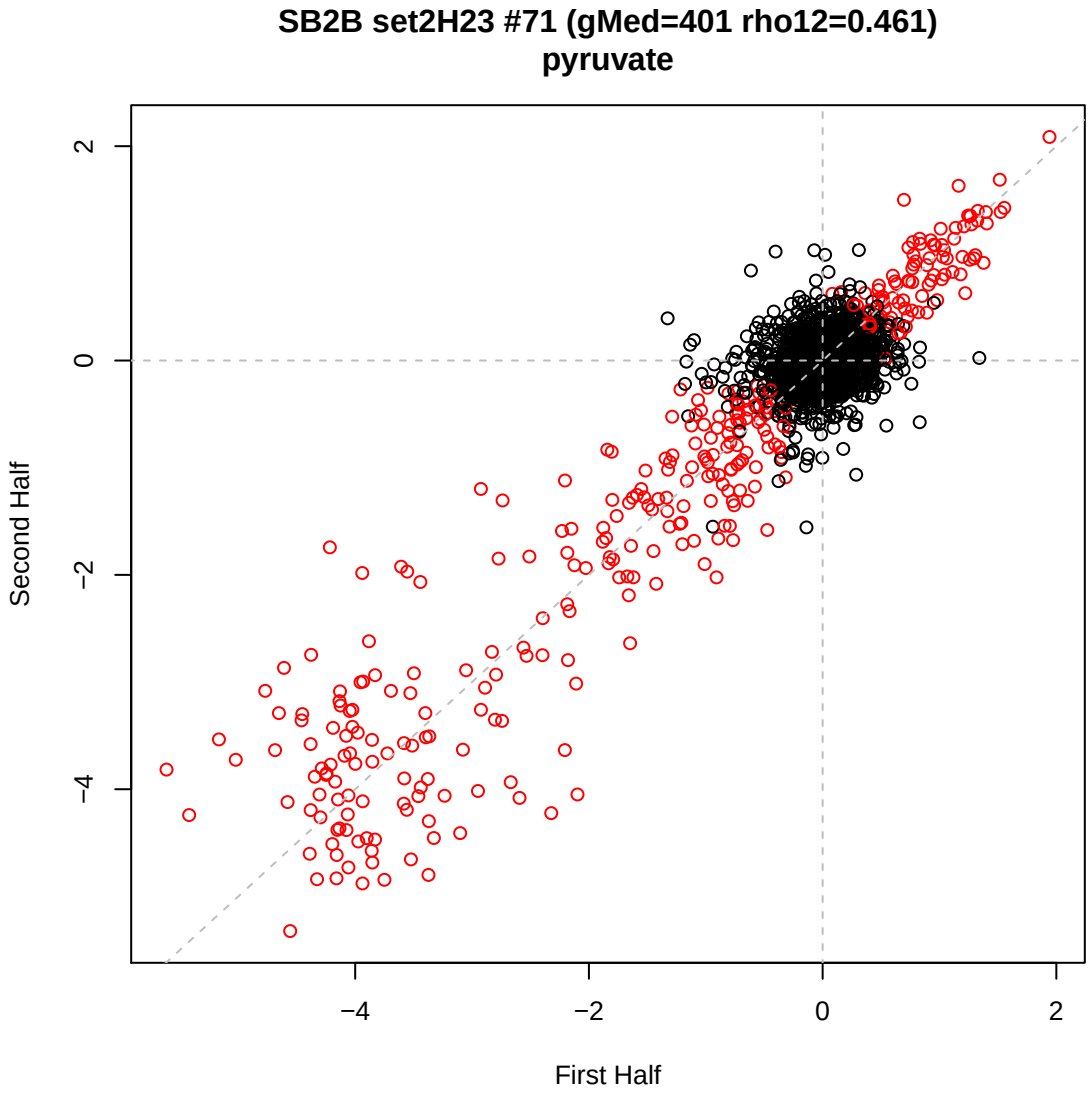

SB2B set2H18 #66 (gMed=434 rho12=0.491)
acetate
Second Half
First Half
−6
−4
−2
0
2
4
6

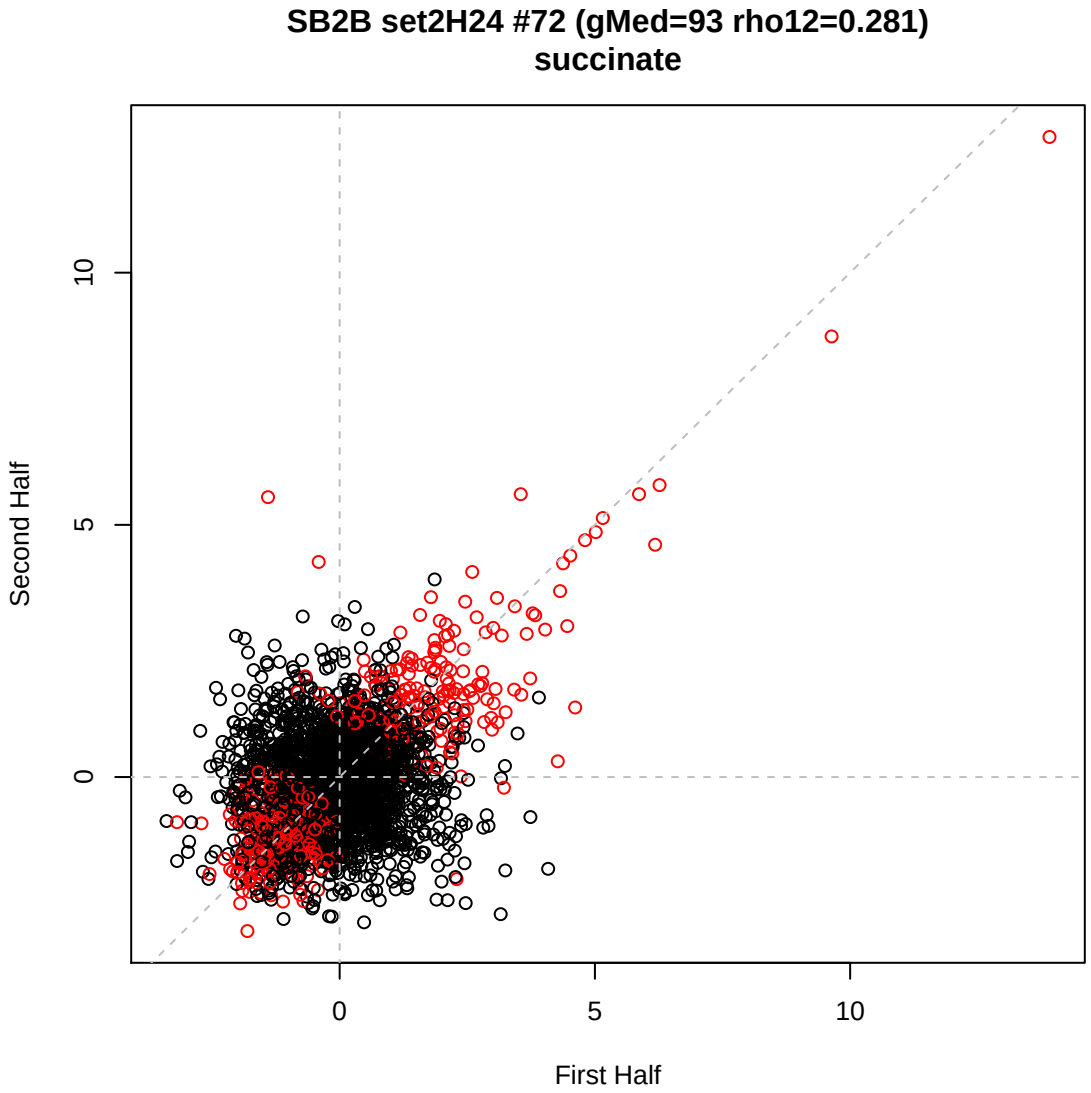

SB2B set2H19 #67 (gMed=14 rho12=0.175)
Fumarate
Second Half
First Half
12
10
8
6
4
2
0
−2
0
5
10

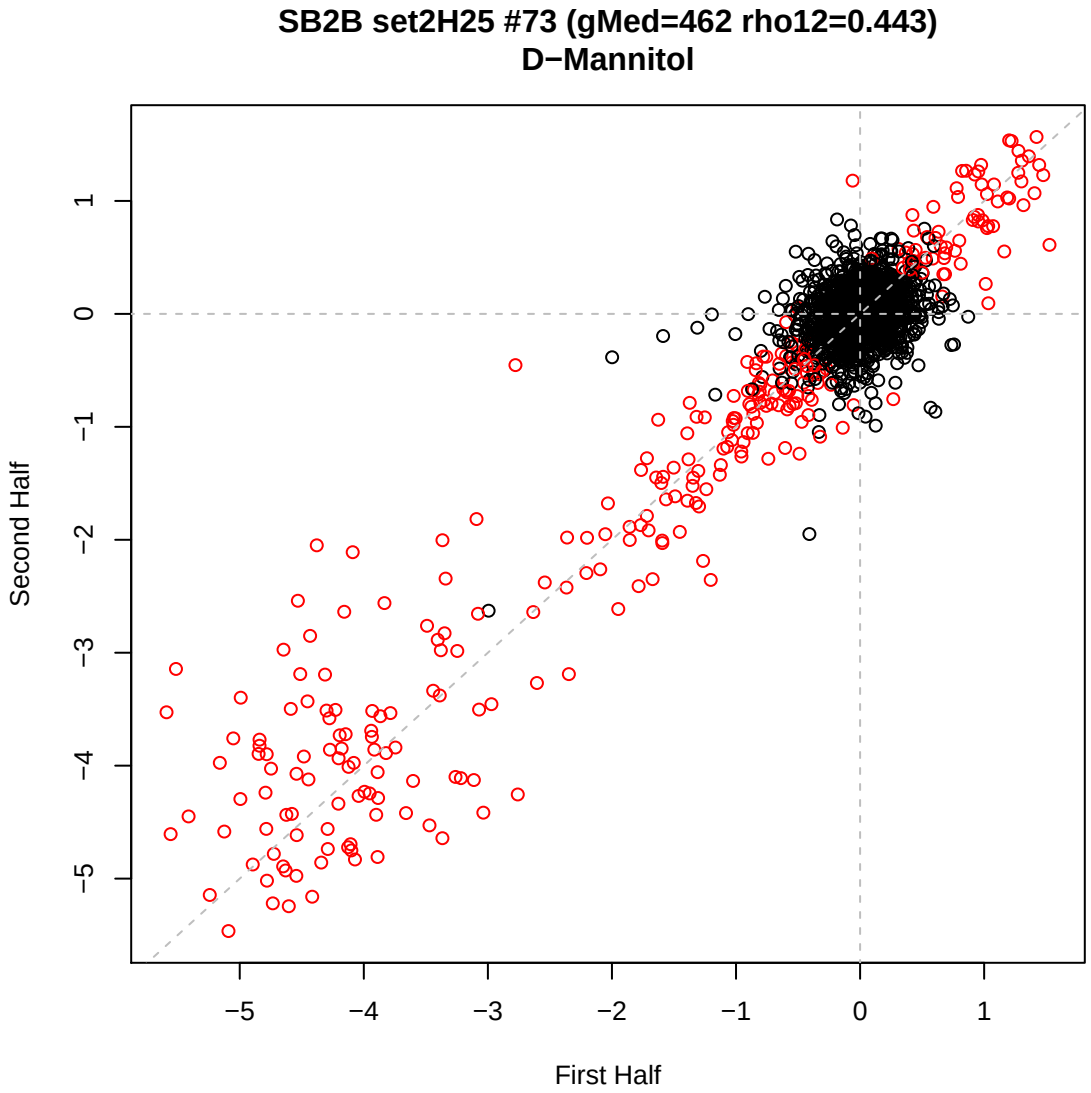

SB2B set2H20 #68 (gMed=330 rho12=0.443)
D−Cellobiose
Second Half
First Half
−6
−4
−2
0
2
4

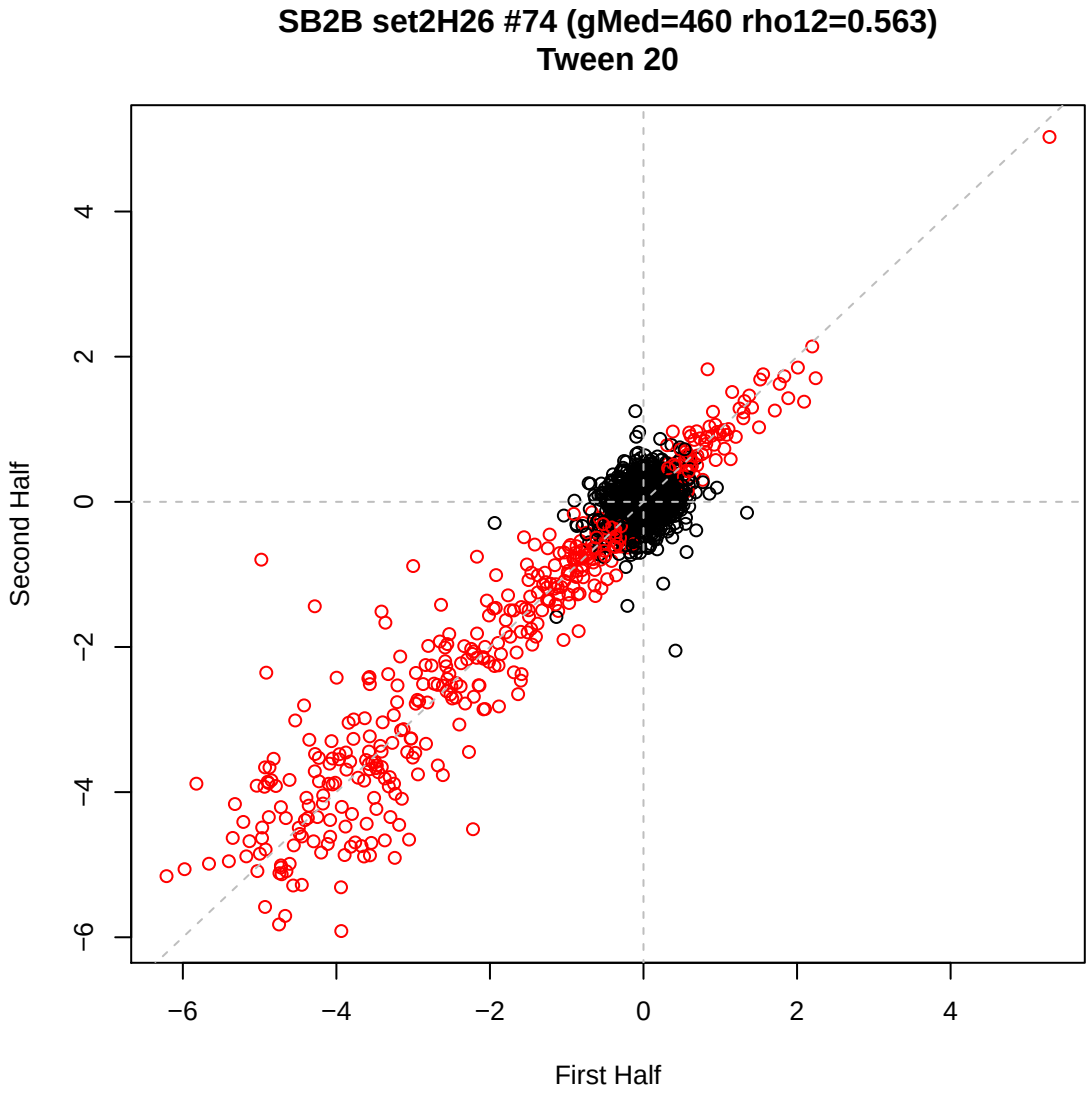

SB2B set2H21 #69 (gMed=389 rho12=0.525)
L−Lactate
Second Half
First Half
−6
−4
−2
0
2
4
6
−4
−2
0
2
4
6

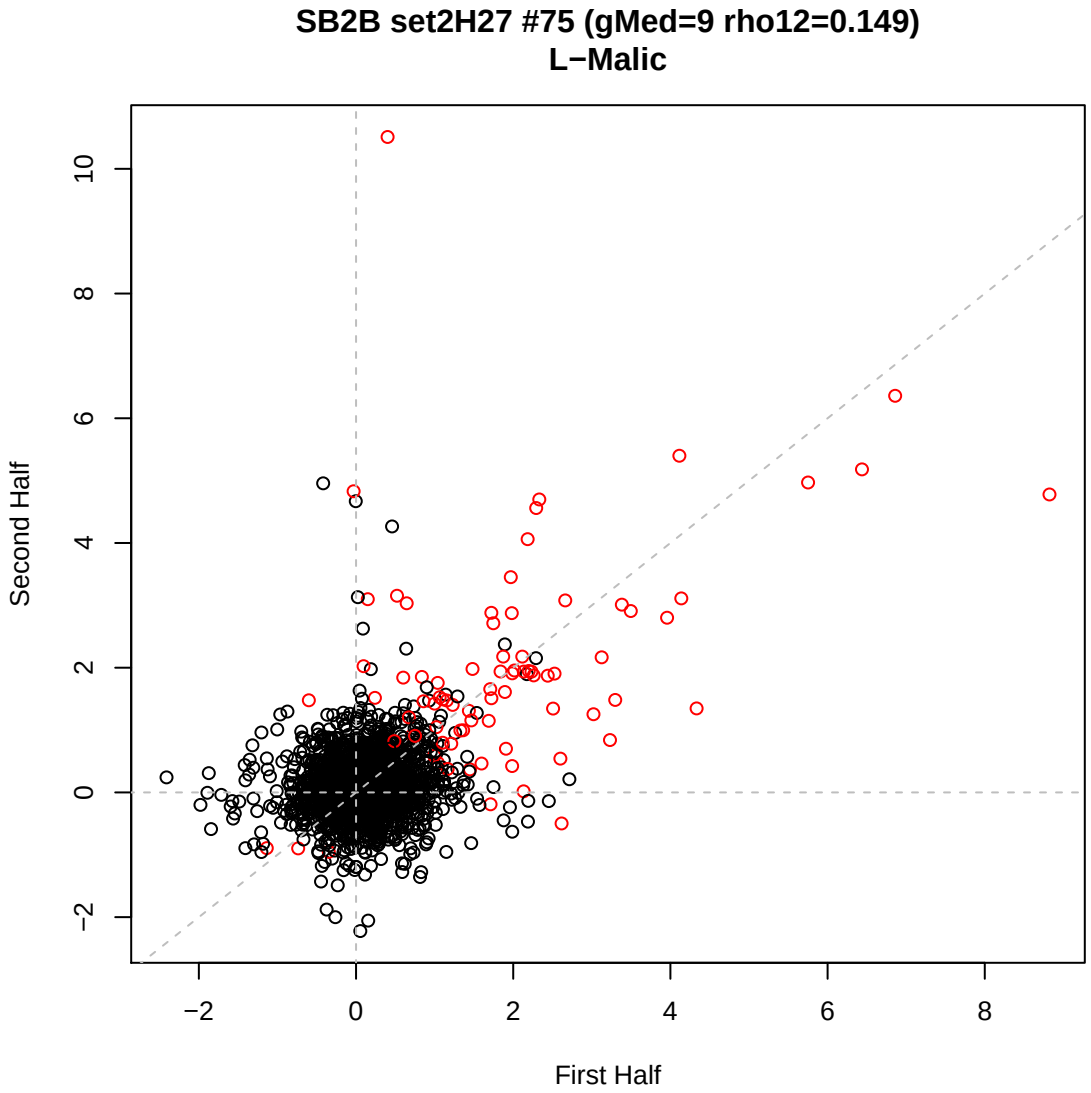

SB2B set2H22 #70 (gMed=288 rho12=0.600)
D,L−Lactate
Second Half
First Half
−5
0
5
10
−5
0
5
10

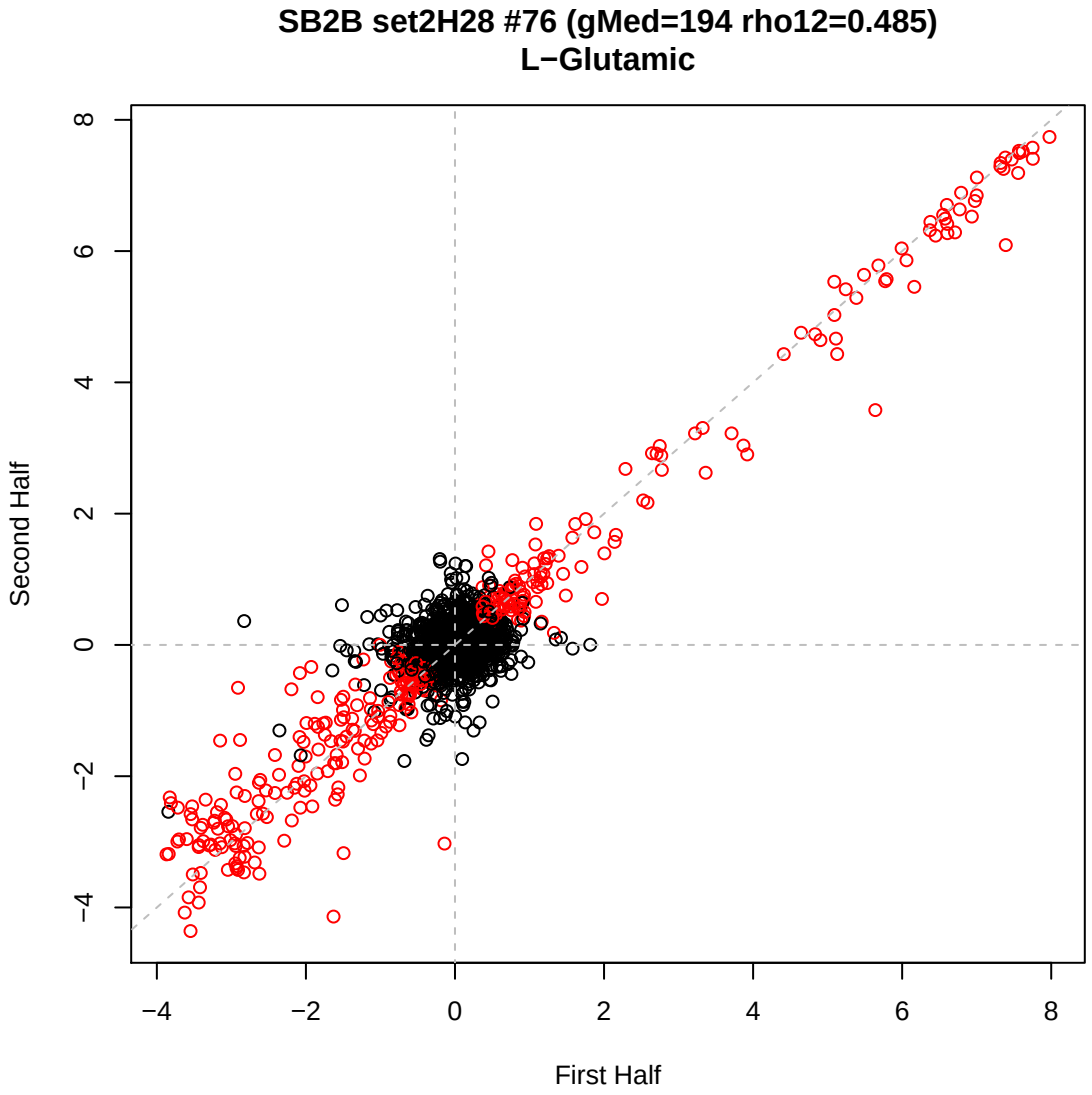

SB2B set2H23 #71 (gMed=401 rho12=0.461)
pyruvate
Second Half
First Half
2
0
−2
−4
−4
−2
0
2

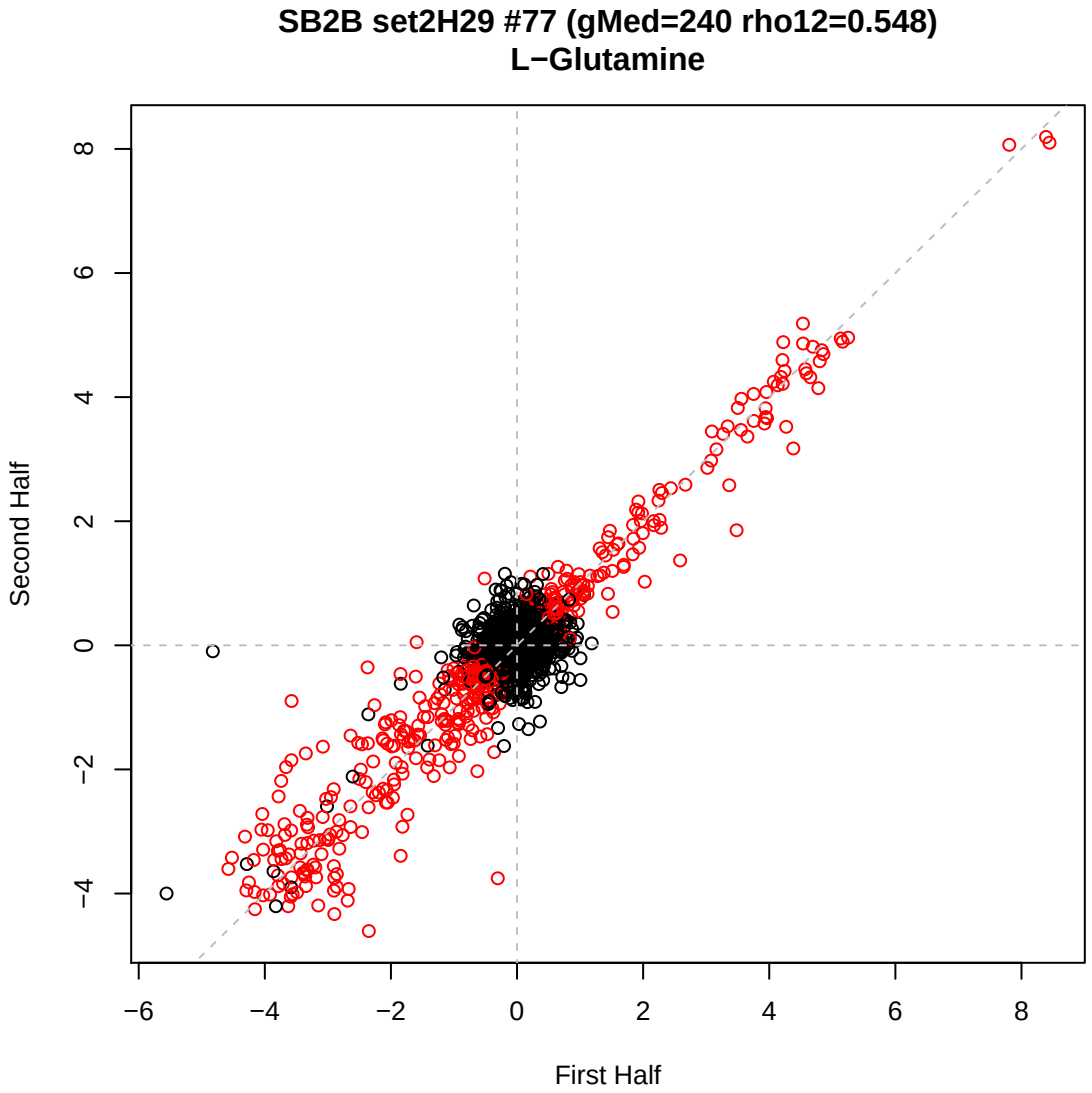

SB2B set2H24 #72 (gMed=93 rho12=0.281)
succinate
Second Half
First Half
0
5
10
0
5
10

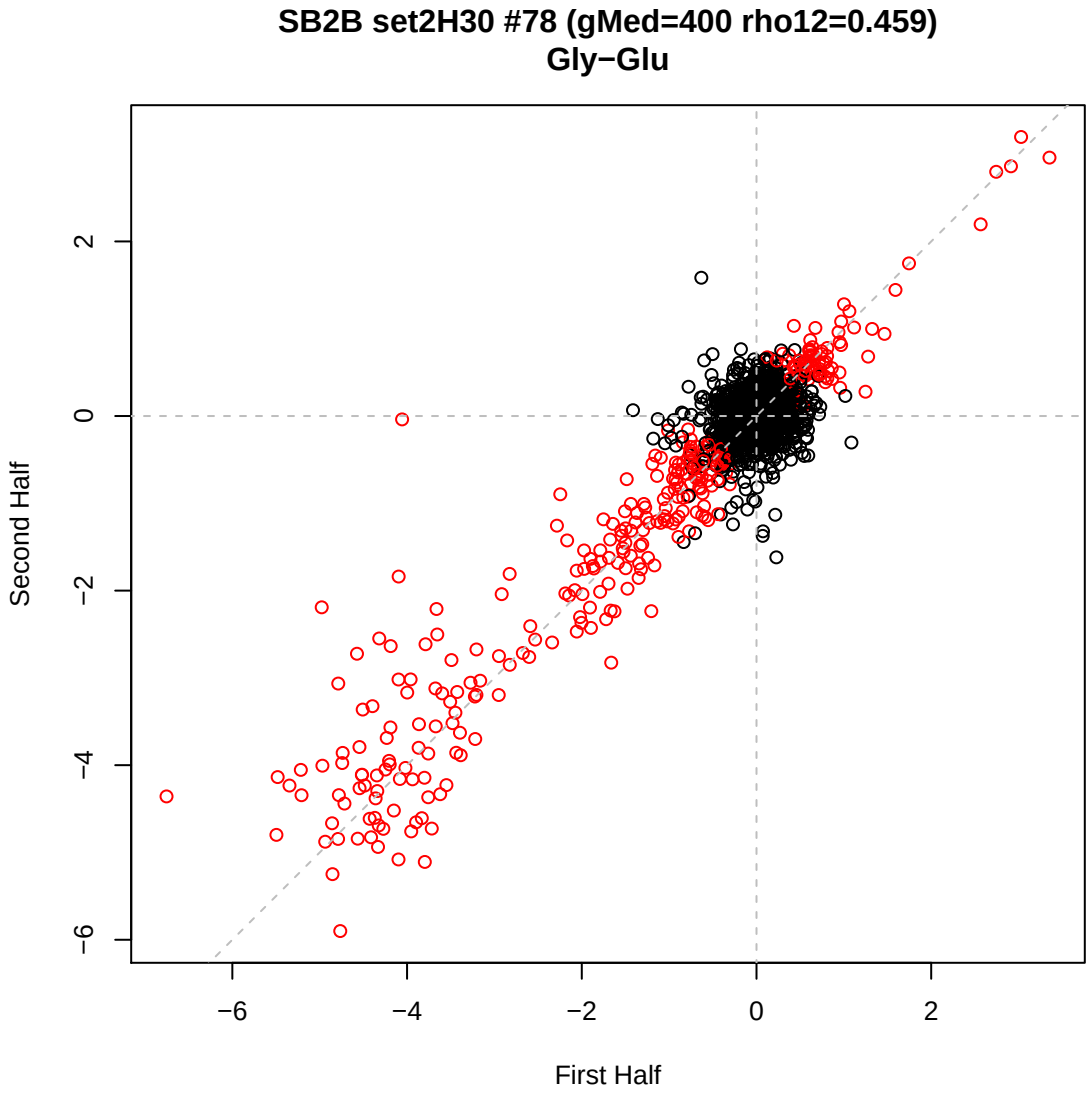

SB2B set2H25 #73 (gMed=462 rho12=0.443)
D−Mannitol
Second Half
First Half
−5
−4
−3
−2
−1
0
1

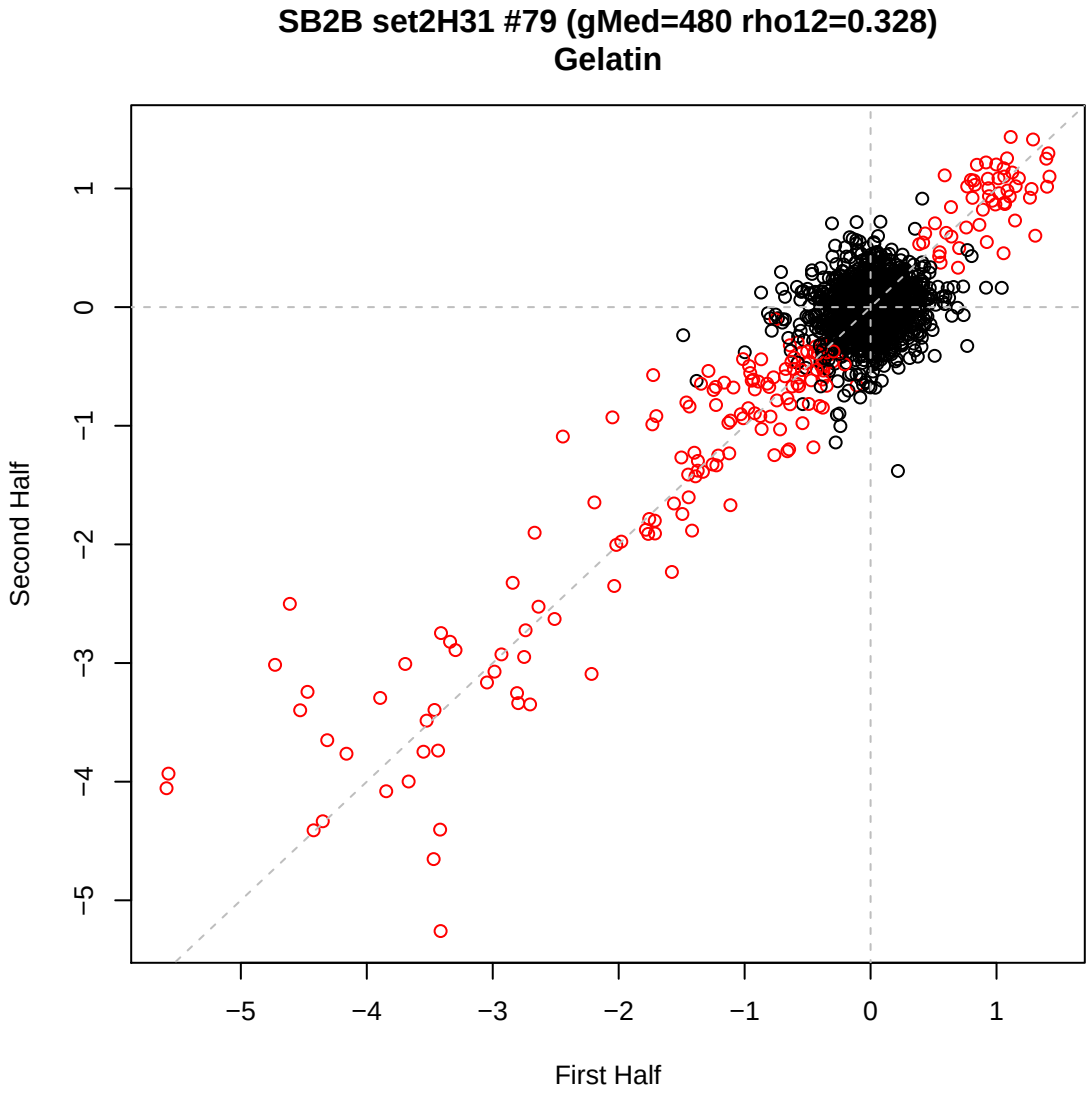

SB2B set2H26 #74 (gMed=460 rho12=0.563)
Tween 20
Second Half
First Half
−6
−4
−2
0
2
4

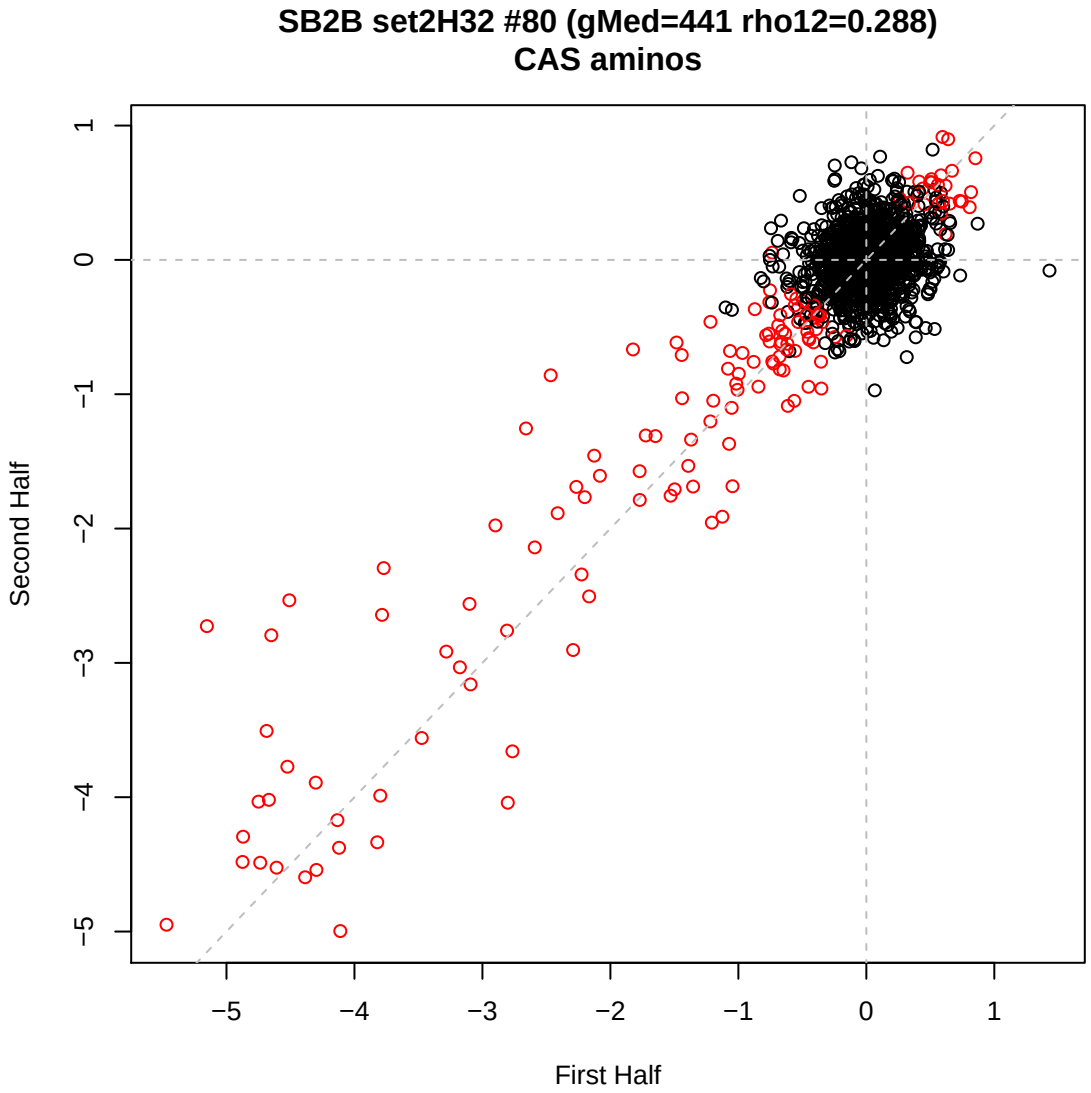

SB2B set2H27 #75 (gMed=9 rho12=0.149)
L−Malic
Second Half
First Half
−2
0
2
4
6
8
10

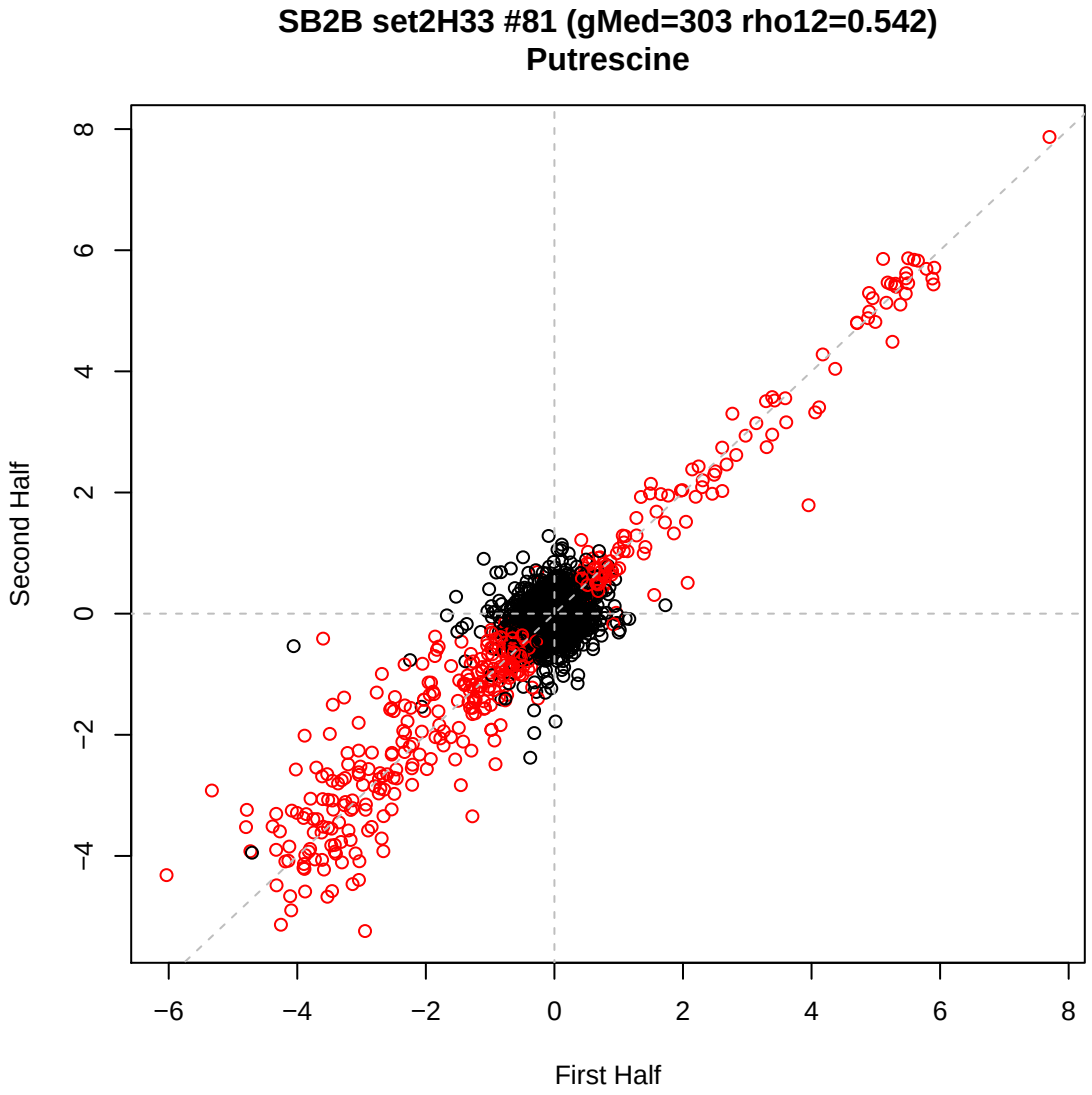

SB2B set2H28 #76 (gMed=194 rho12=0.485)
L−Glutamic
Second Half
First Half
−4
−2
0
2
4
6
8

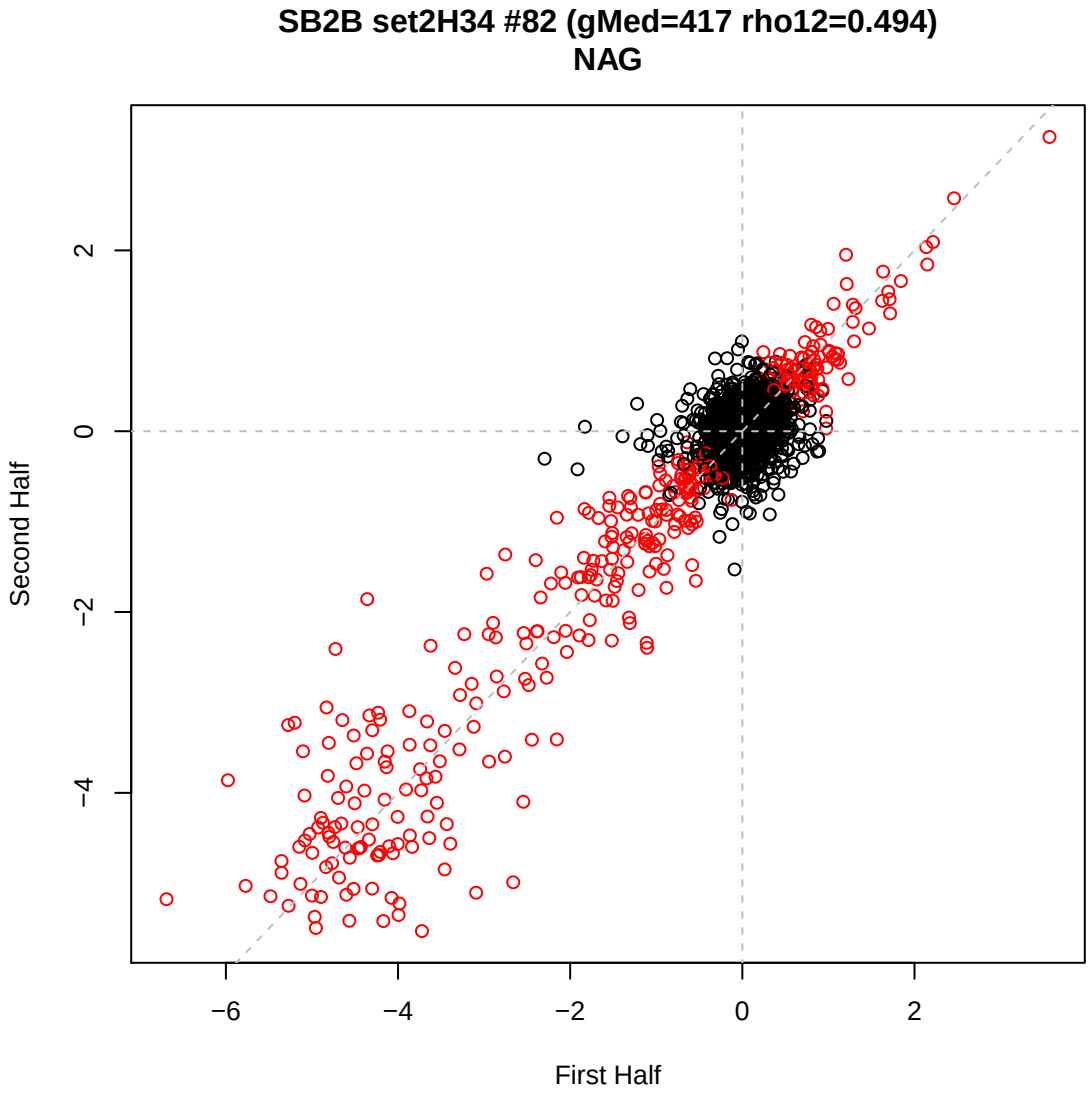

SB2B set2H29 #77 (gMed=240 rho12=0.548)
L−Glutamine
Second Half
First Half
−6
−4
−2
0
2
4
6
8

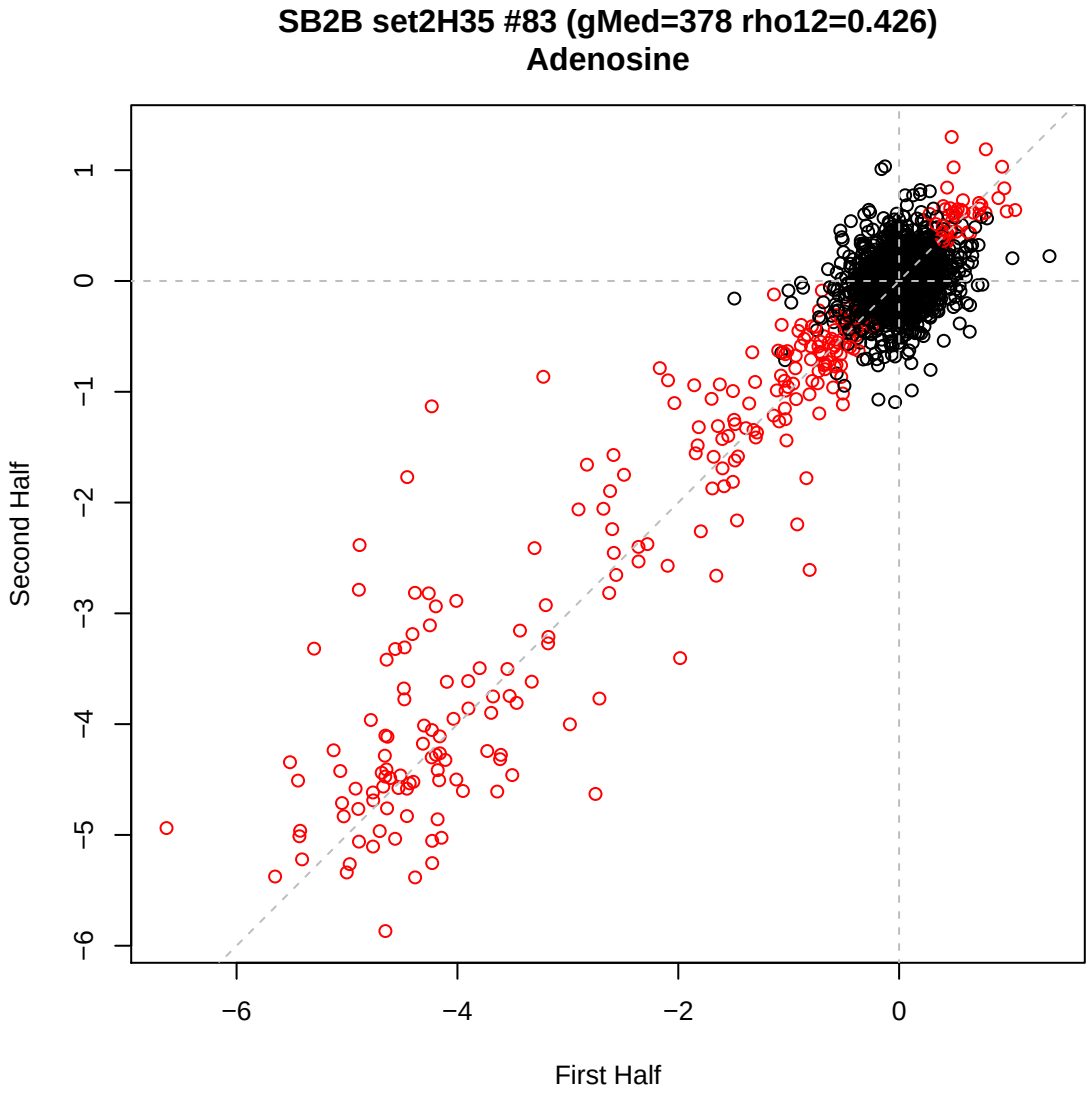

SB2B set2H30 #78 (gMed=400 rho12=0.459)
Gly−Glu
Second Half
First Half
−6
−4
−2
0
2

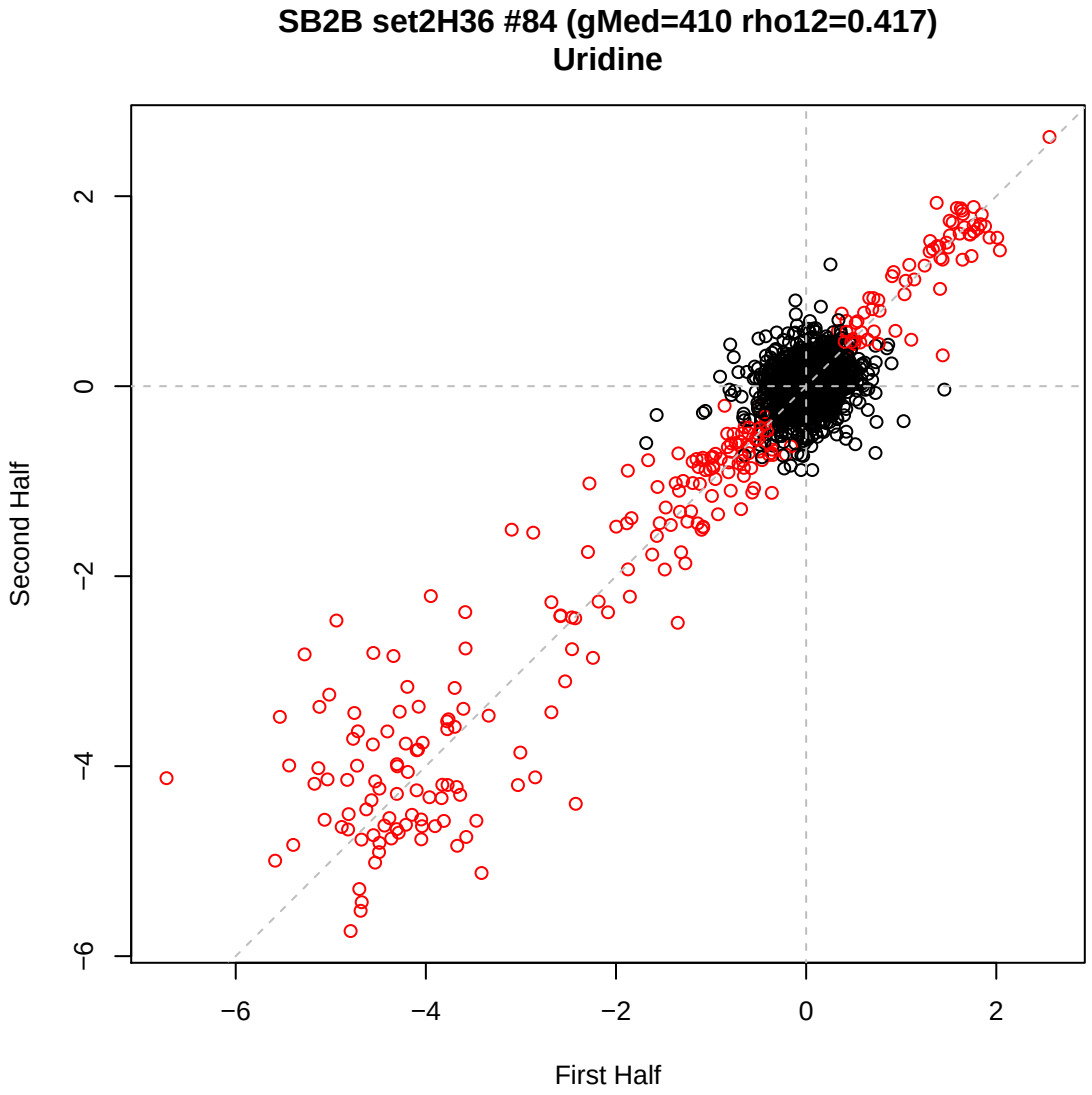

SB2B set2H31 #79 (gMed=480 rho12=0.328)
Gelatin
Second Half
First Half
−5
−4
−3
−2
−1
0
1

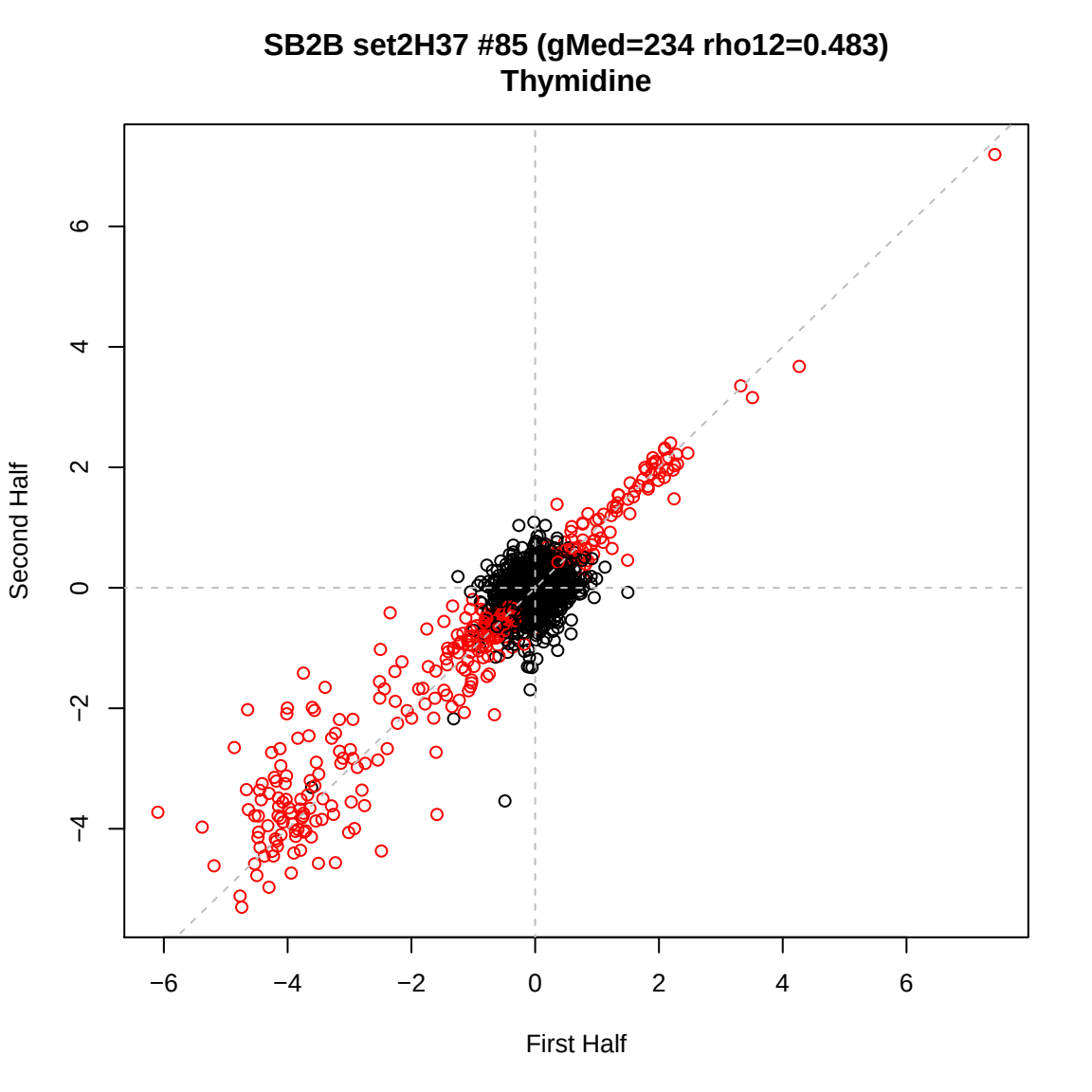

SB2B set2H32 #80 (gMed=441 rho12=0.288)
CAS aminos
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1

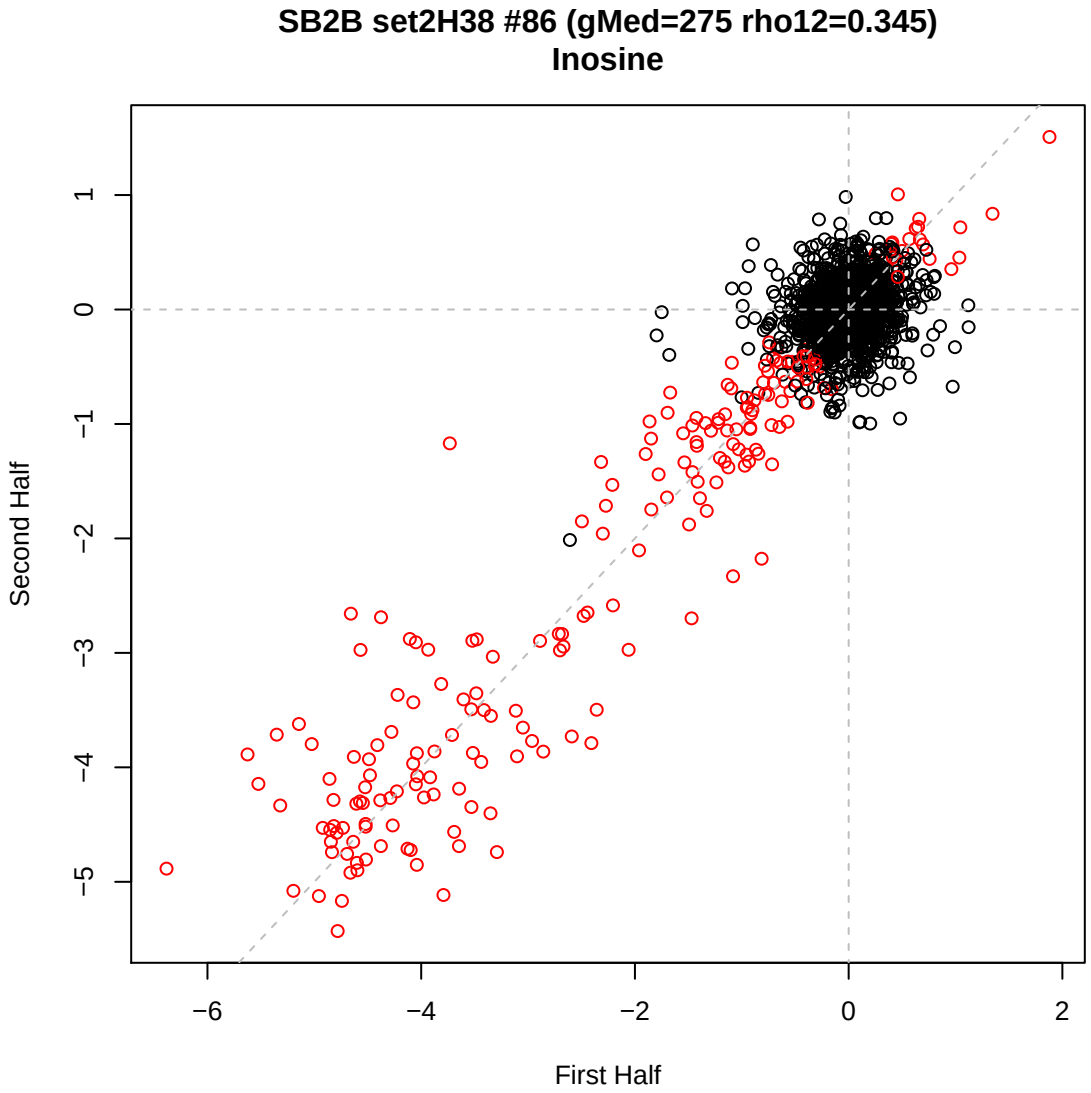

SB2B set2H33 #81 (gMed=303 rho12=0.542)
Putrescine
Second Half
First Half
−6
−4
−2
0
2
4
6
8

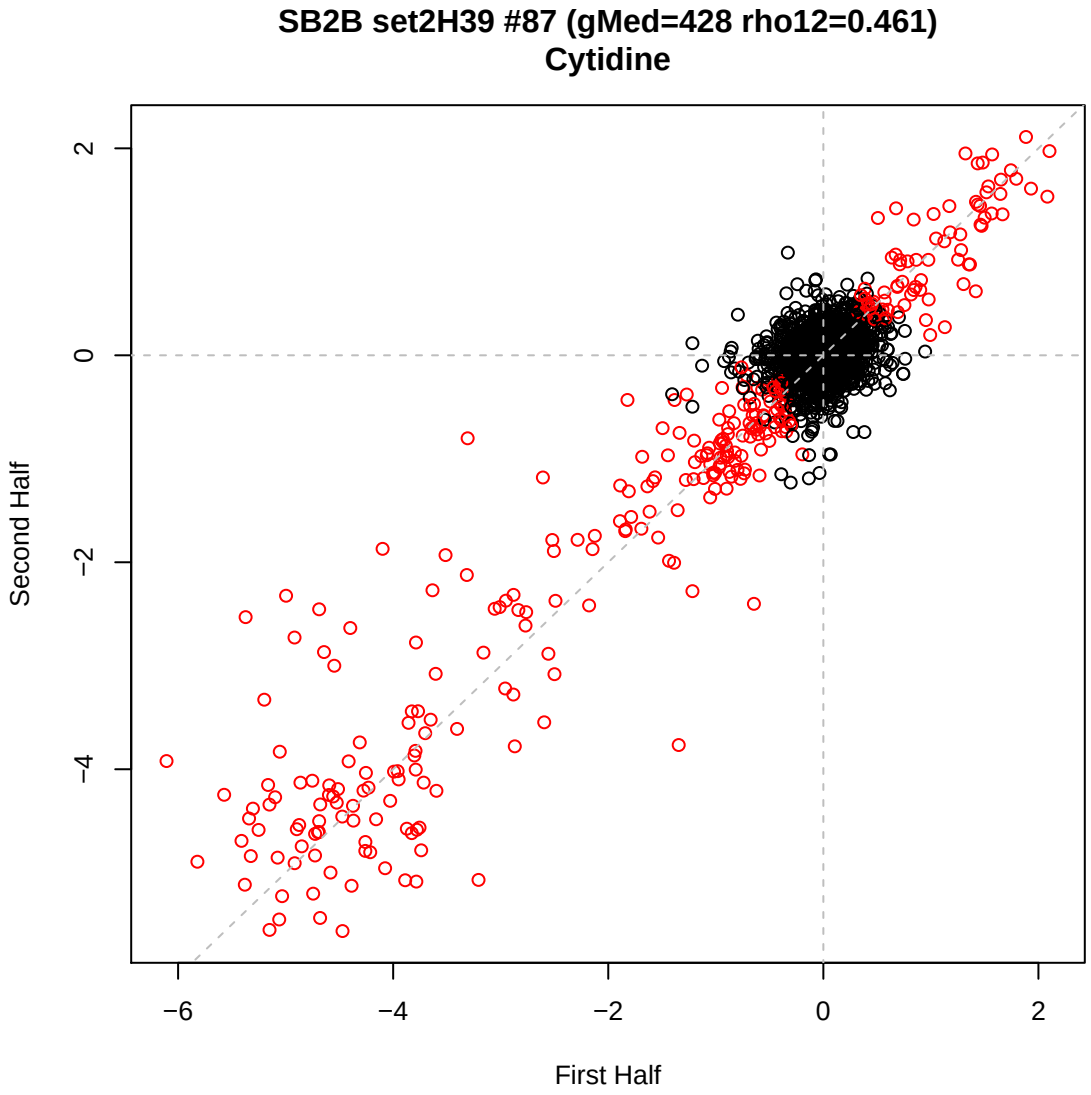

SB2B set2H34 #82 (gMed=417 rho12=0.494)
NAG
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

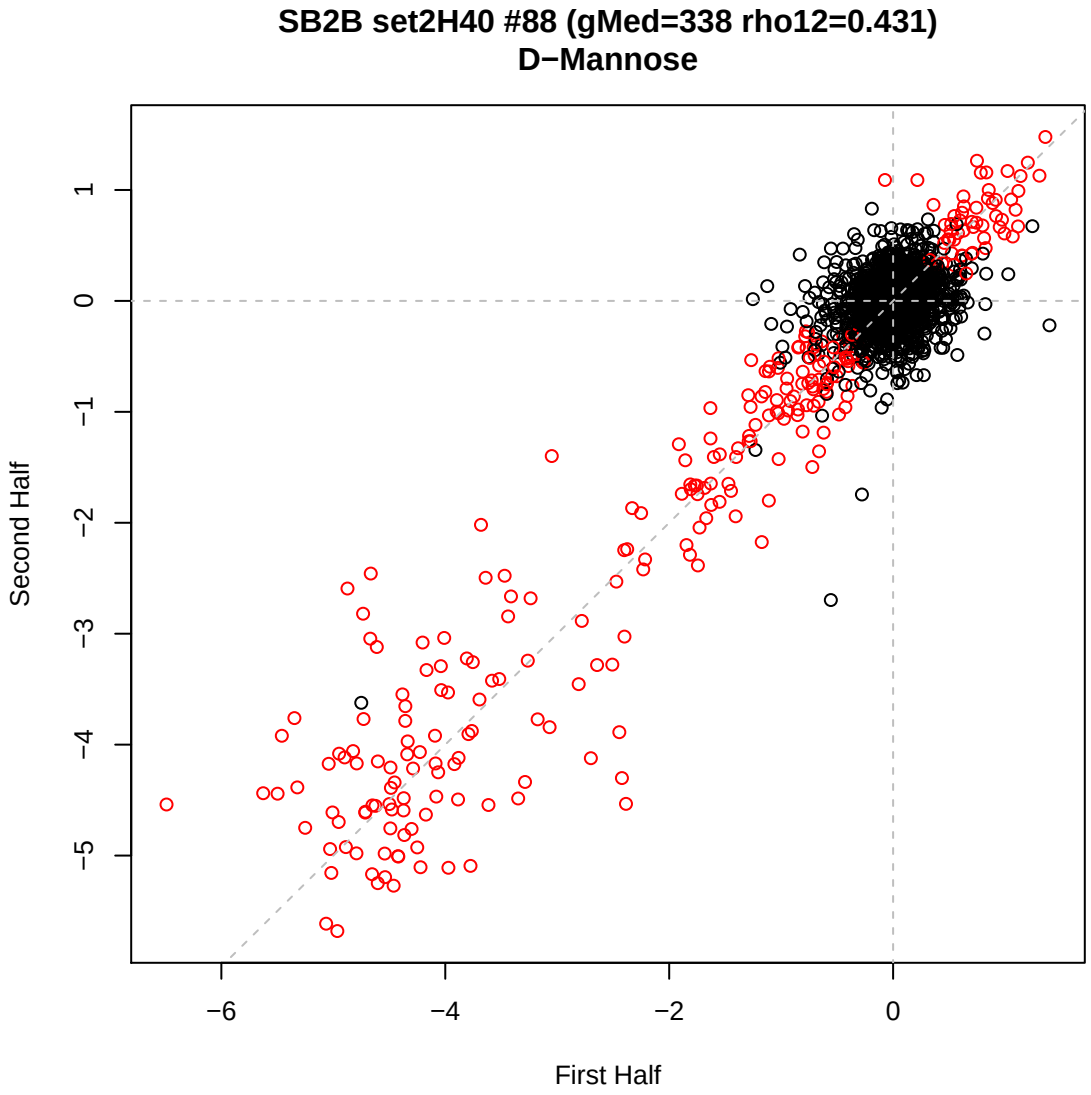

SB2B set2H35 #83 (gMed=378 rho12=0.426)
Adenosine
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−6
−4
−2
0

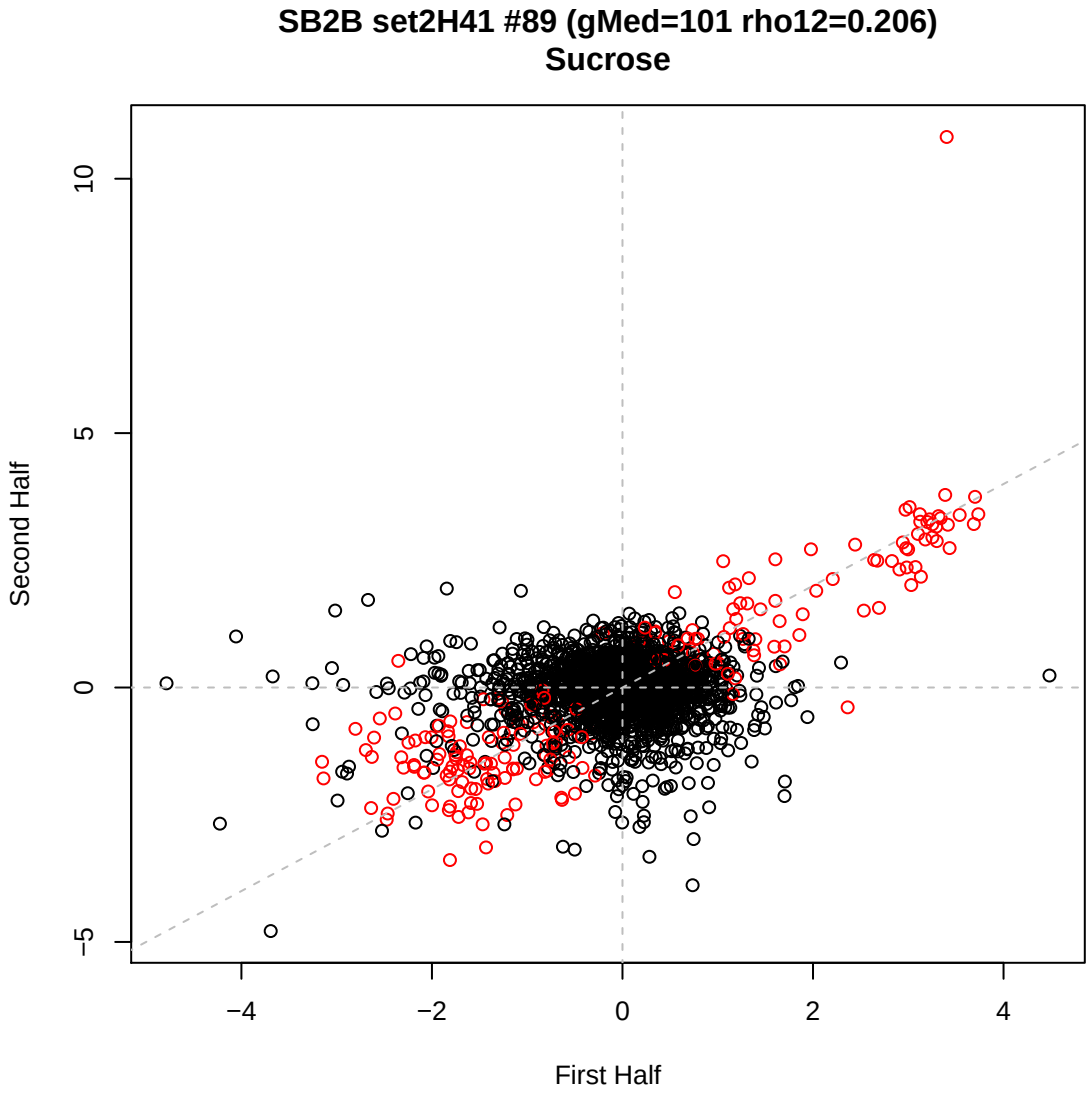

SB2B set2H36 #84 (gMed=410 rho12=0.417)
Uridine
Second Half
First Half
2
0
−2
−4
−6
−6
−4
−2
0
2

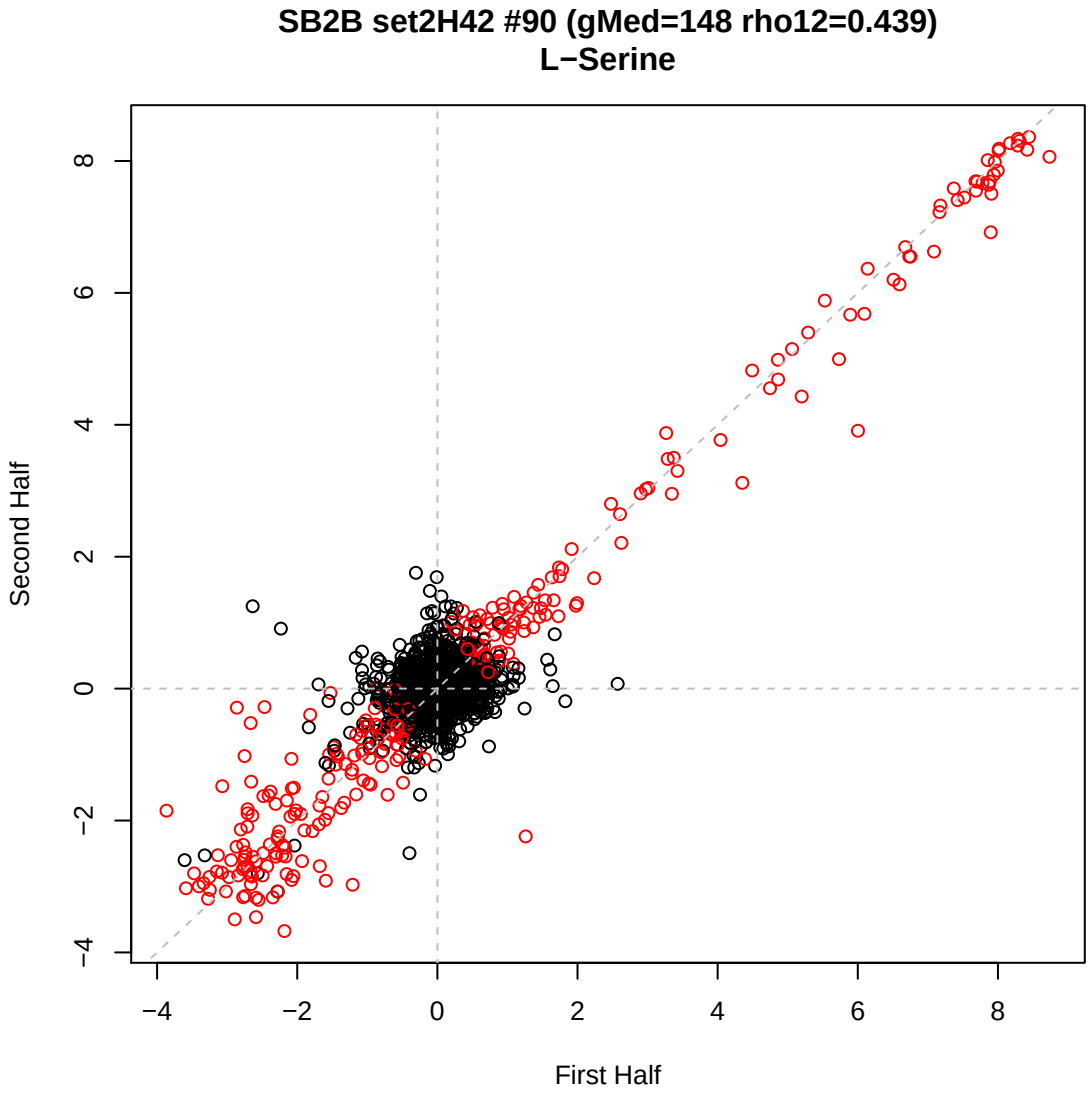

SB2B set2H37 #85 (gMed=234 rho12=0.483)
Thymidine
Second Half
First Half
−6
−4
−2
0
2
4
6

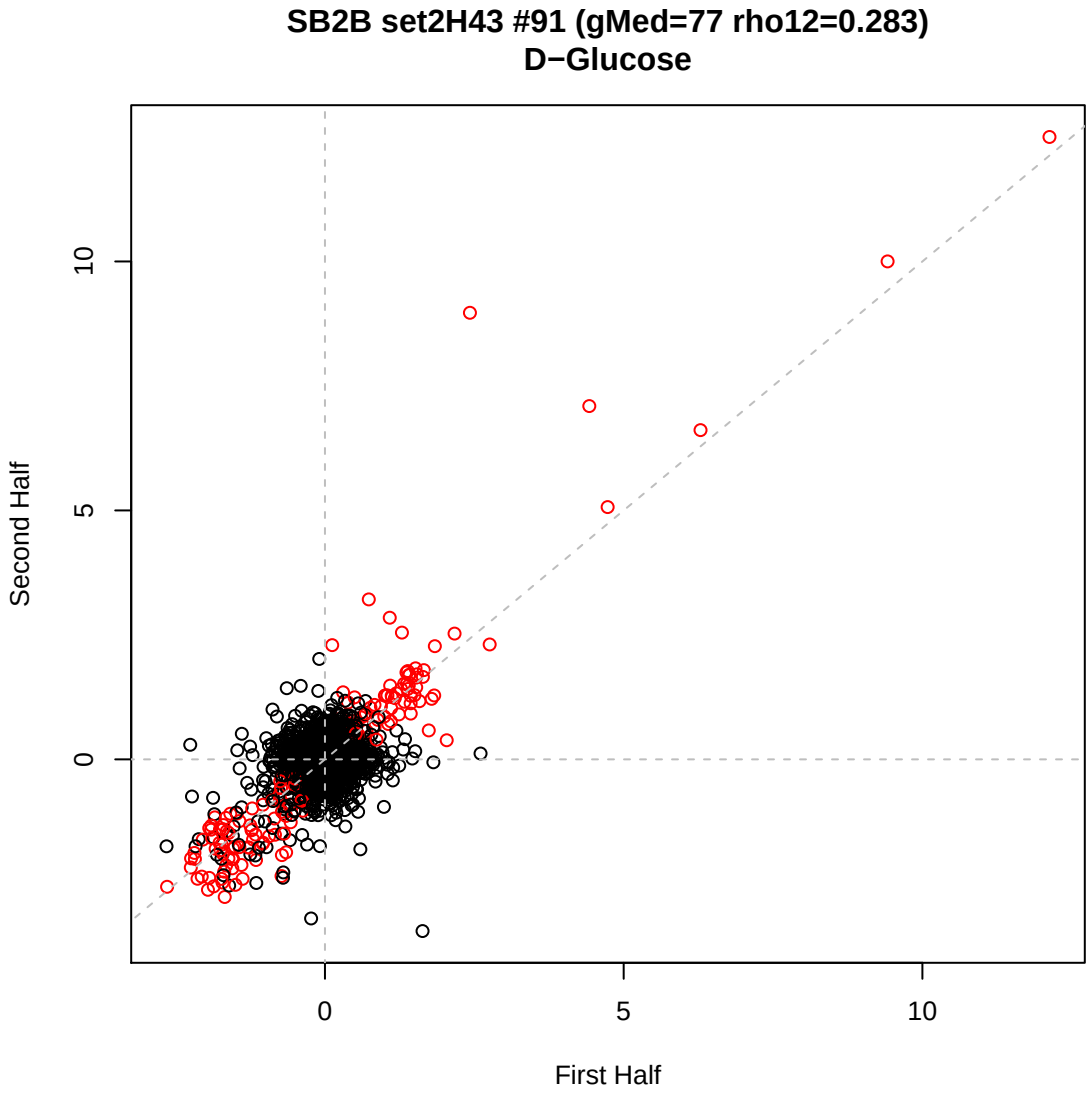

SB2B set2H38 #86 (gMed=275 rho12=0.345)
Inosine
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0
2

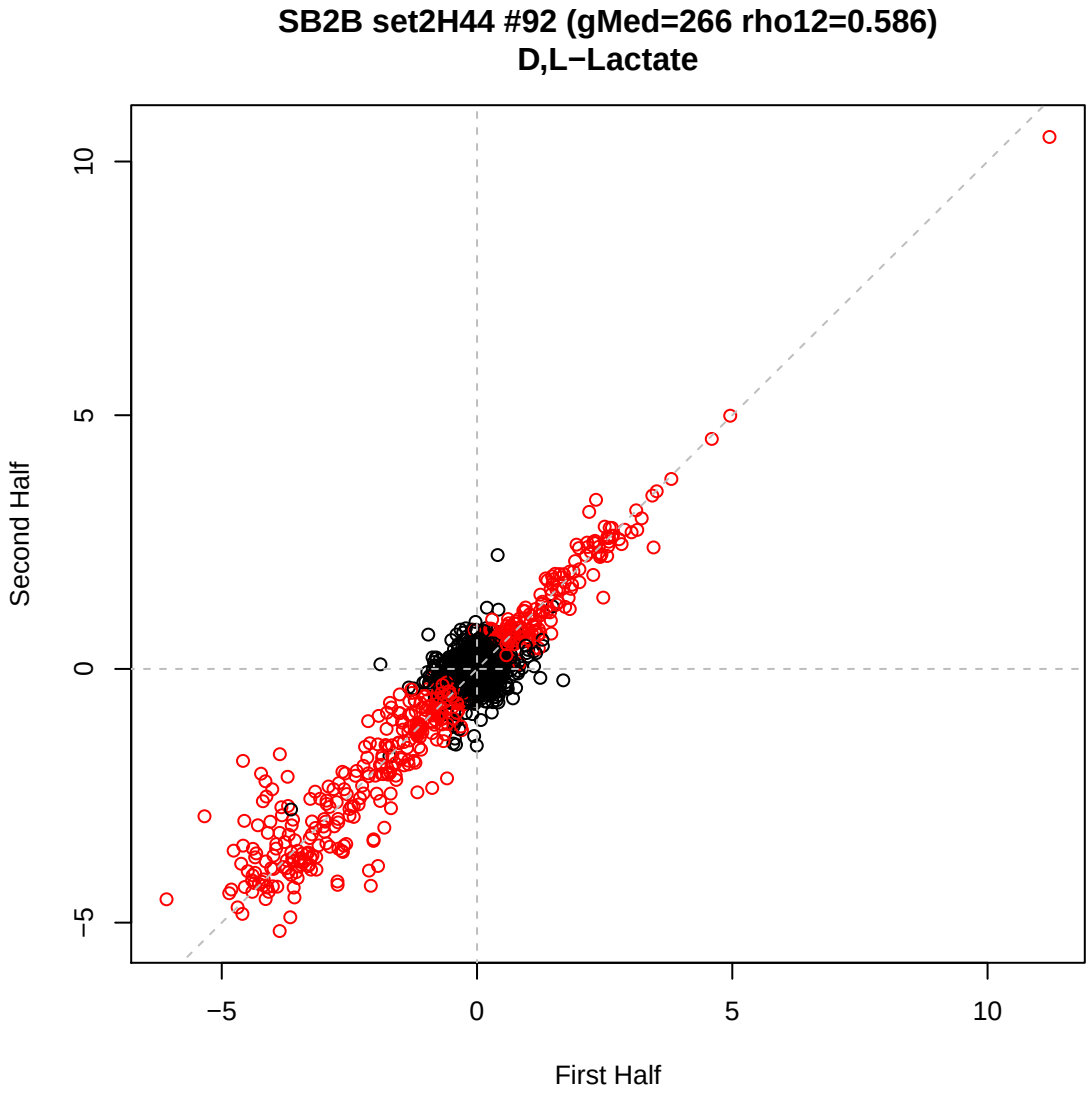

SB2B set2H39 #87 (gMed=428 rho12=0.461)
Cytidine
Second Half
First Half
2
0
−2
−4
−6
−4
−2
0
2

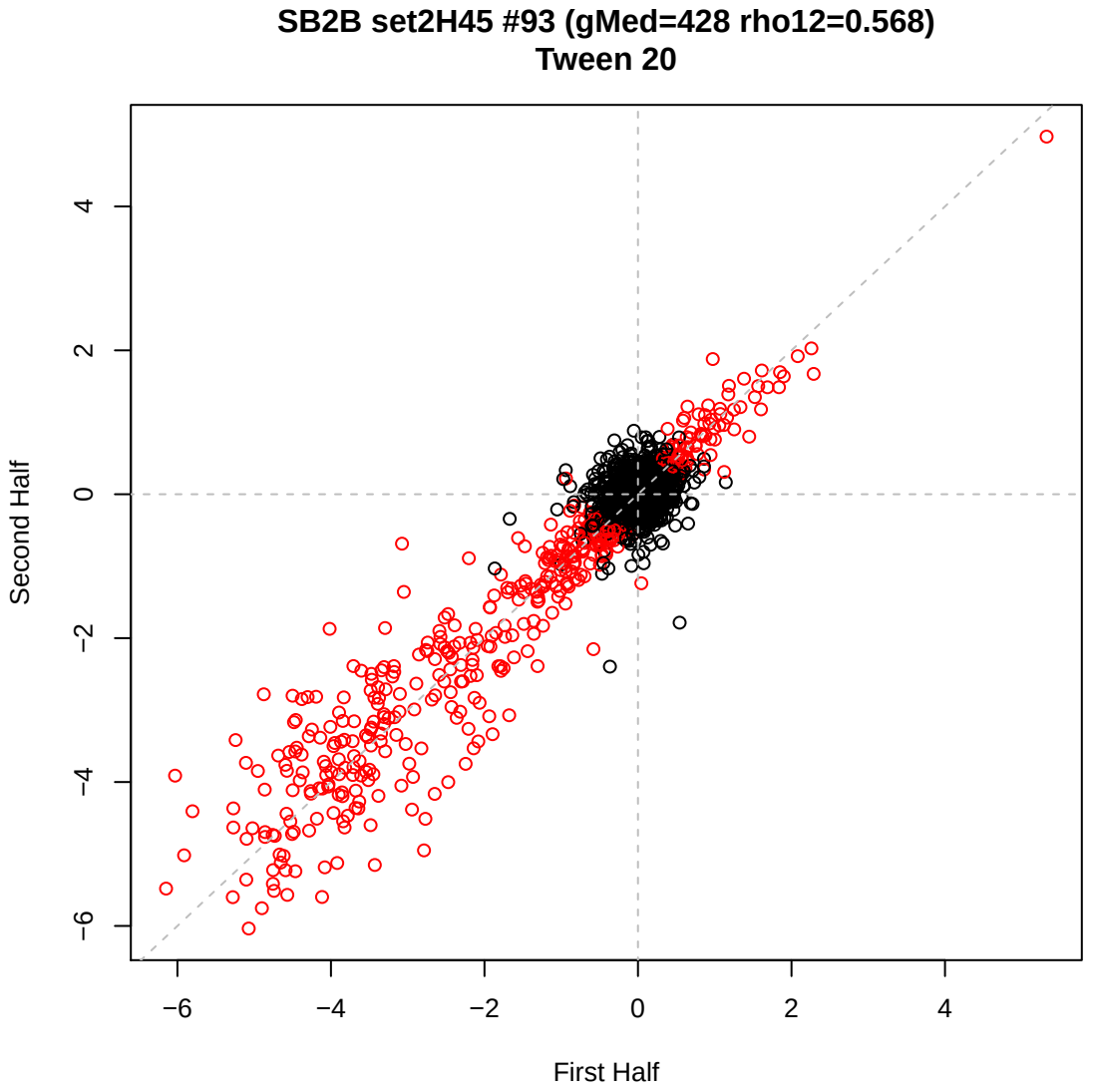

SB2B set2H40 #88 (gMed=338 rho12=0.431)
D−Mannose
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

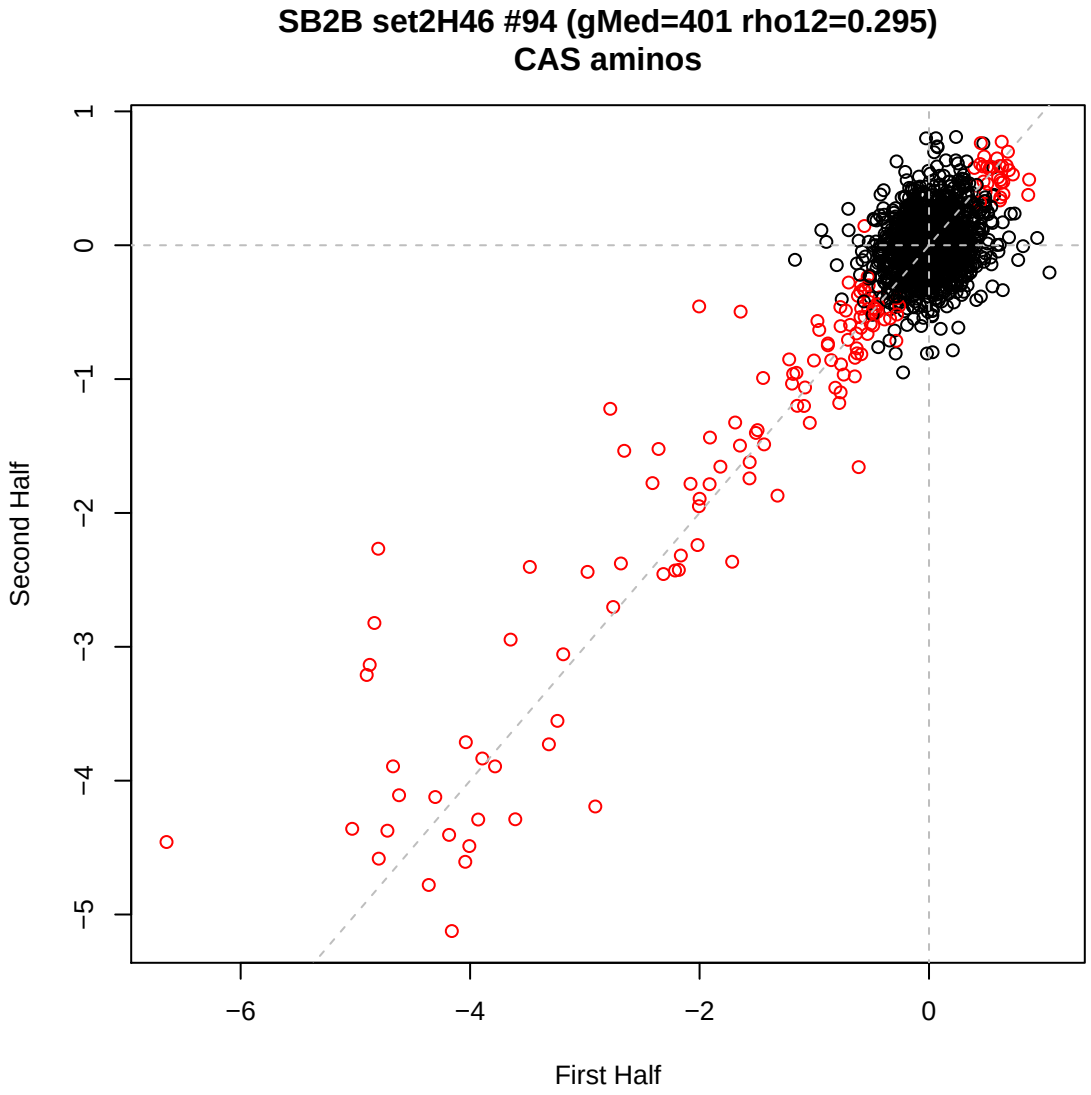

SB2B set2H41 #89 (gMed=101 rho12=0.206)
Sucrose
Second Half
First Half
10
5
0
−5
−4
−2
0
2
4

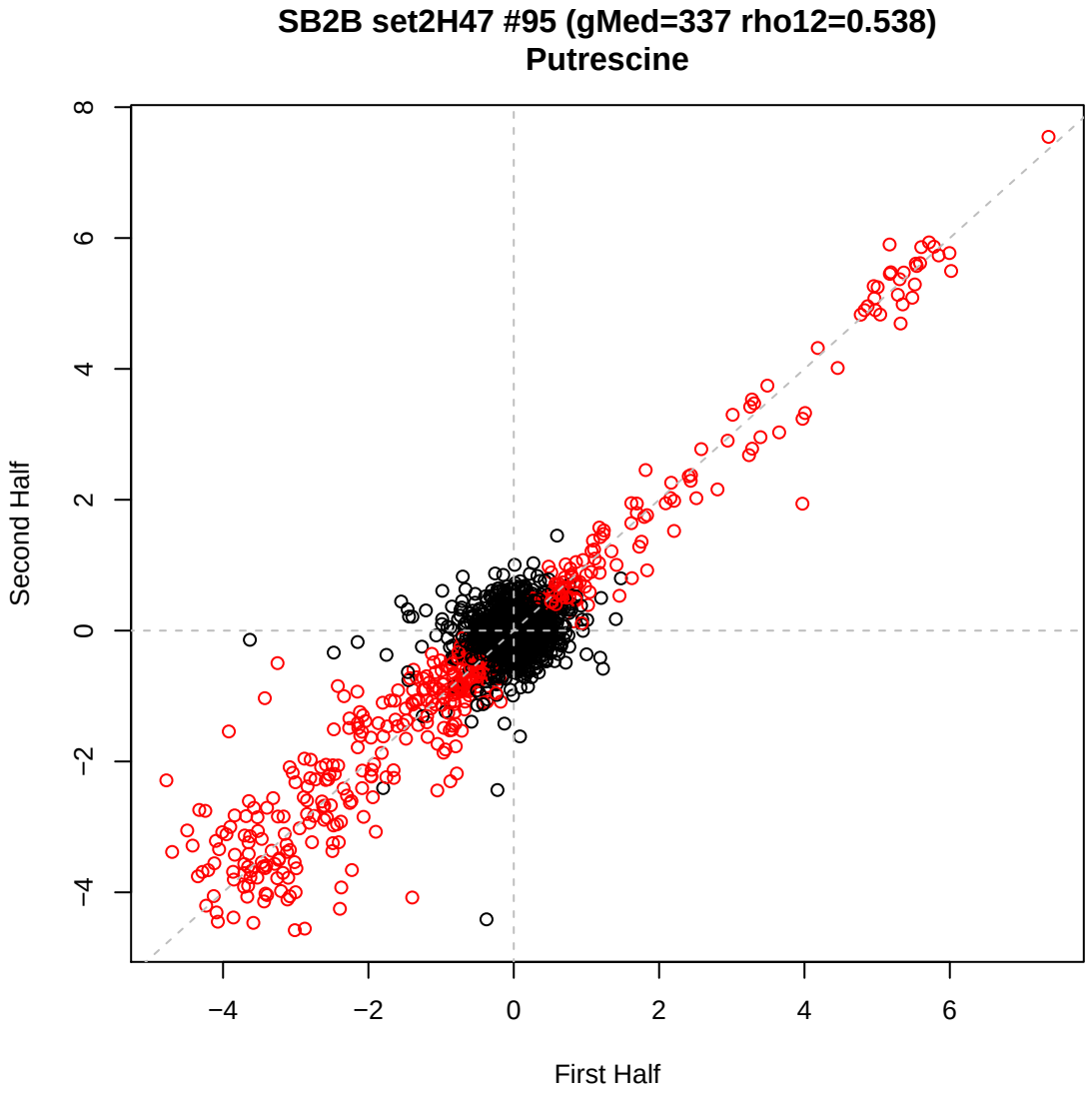

SB2B set2H42 #90 (gMed=148 rho12=0.439)
L−Serine
Second Half
First Half
−4
−2
0
2
4
6
8

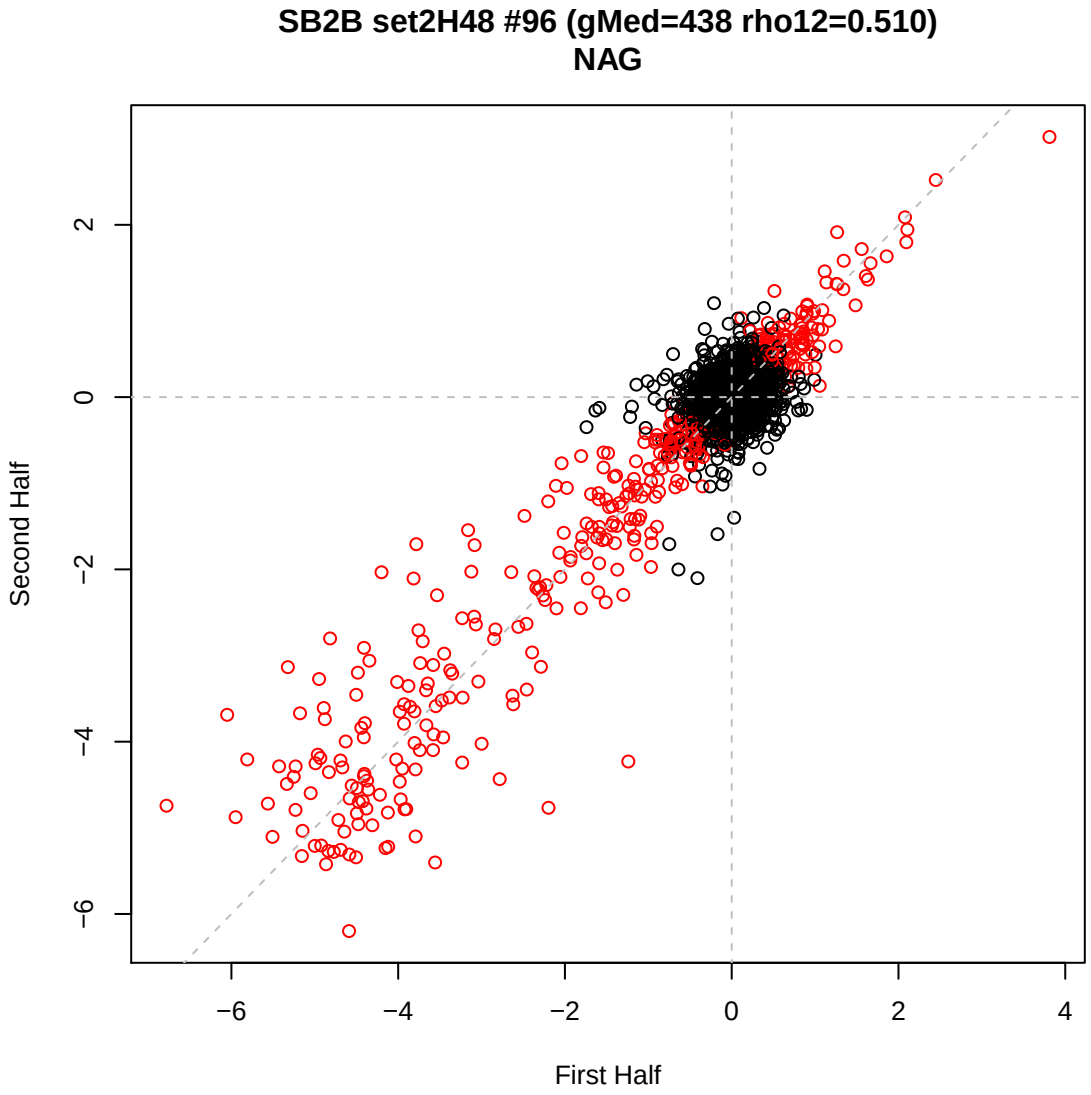

SB2B set2H43 #91 (gMed=77 rho12=0.283)
D−Glucose
Second Half
First Half
0
5
10
0
5
10

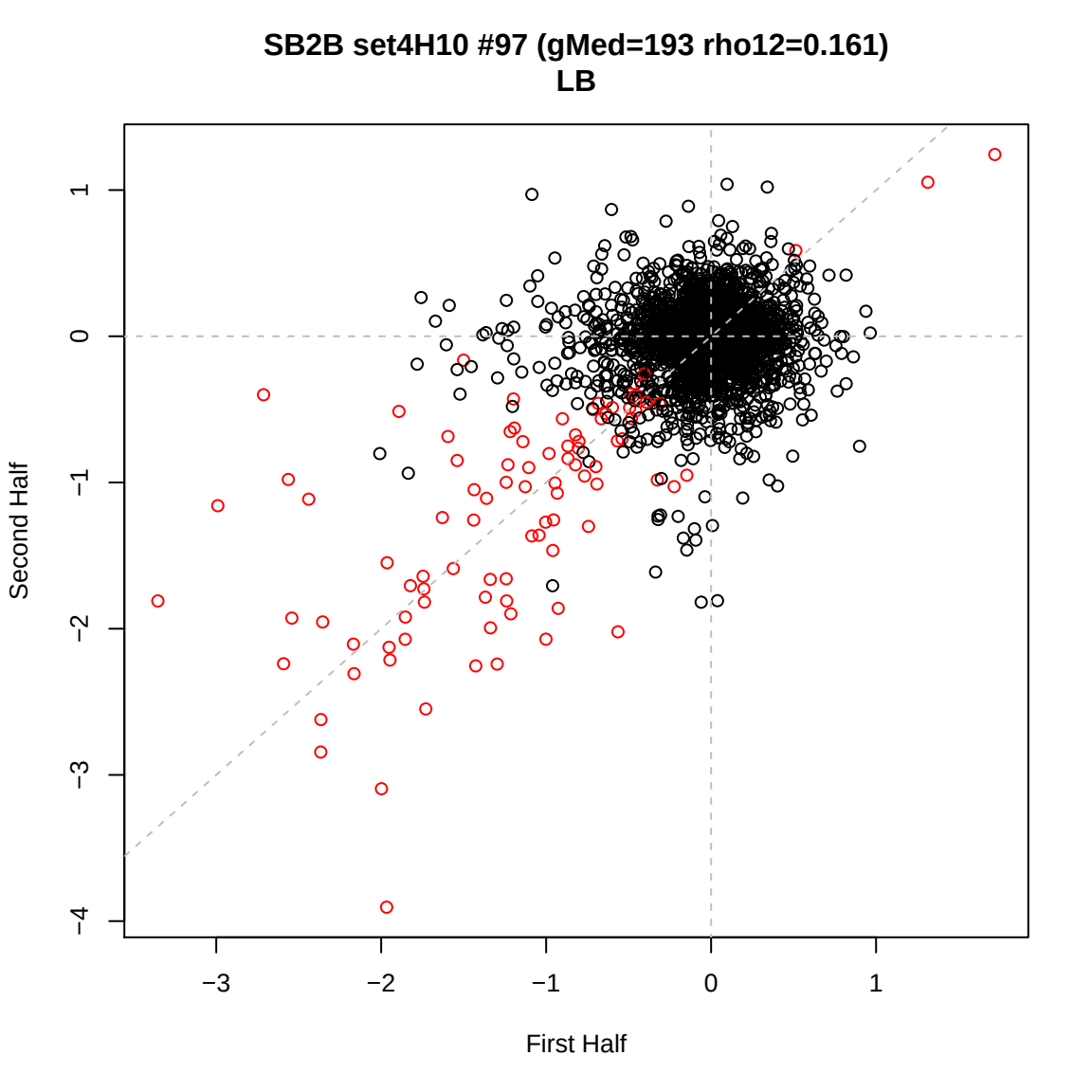

SB2B set2H44 #92 (gMed=266 rho12=0.586)
D,L−Lactate
Second Half
First Half
−5
0
5
10
−5
0
5
10

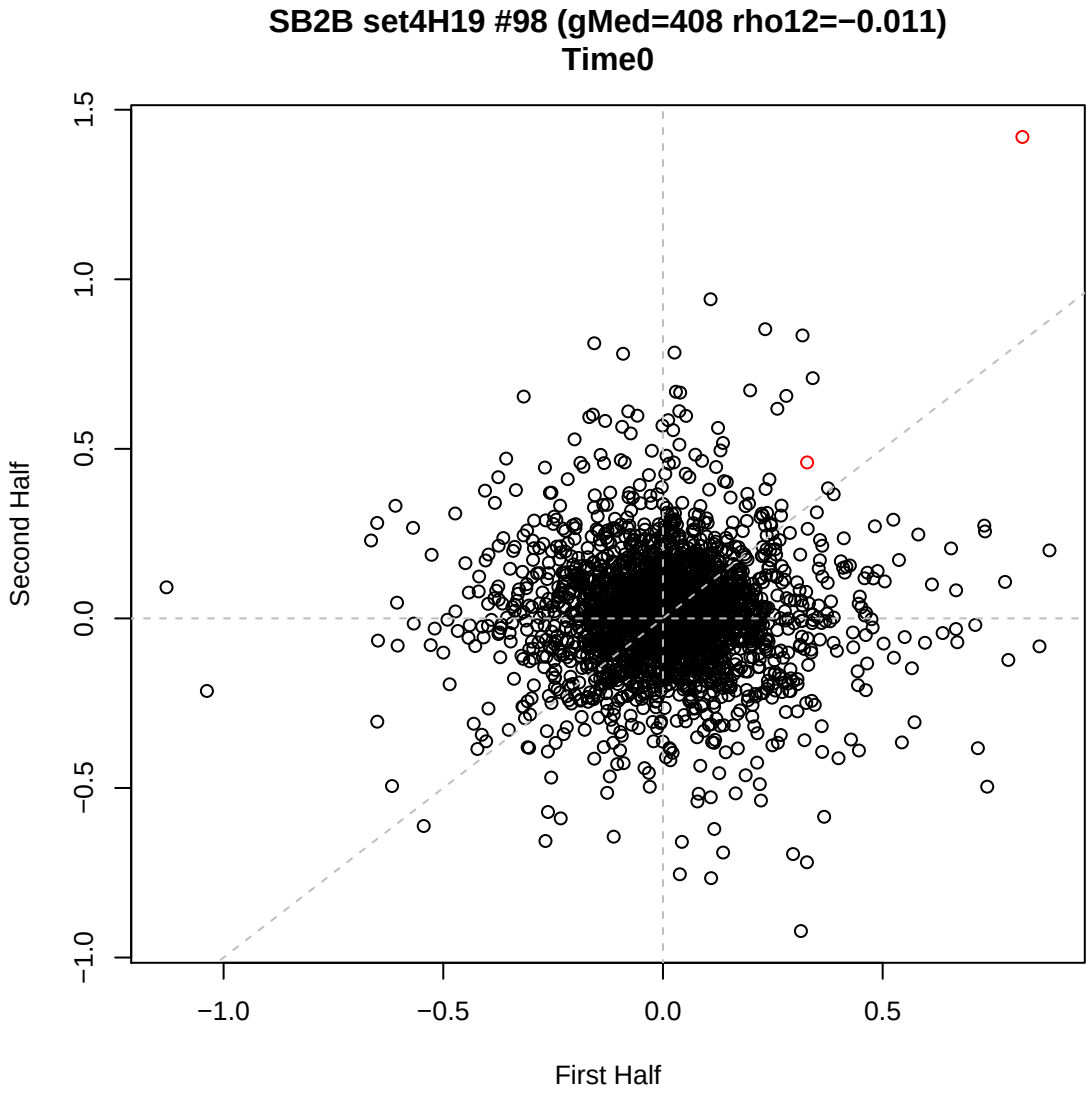

SB2B set2H45 #93 (gMed=428 rho12=0.568)
Tween 20
Second Half
First Half
−6
−4
−2
0
2
4

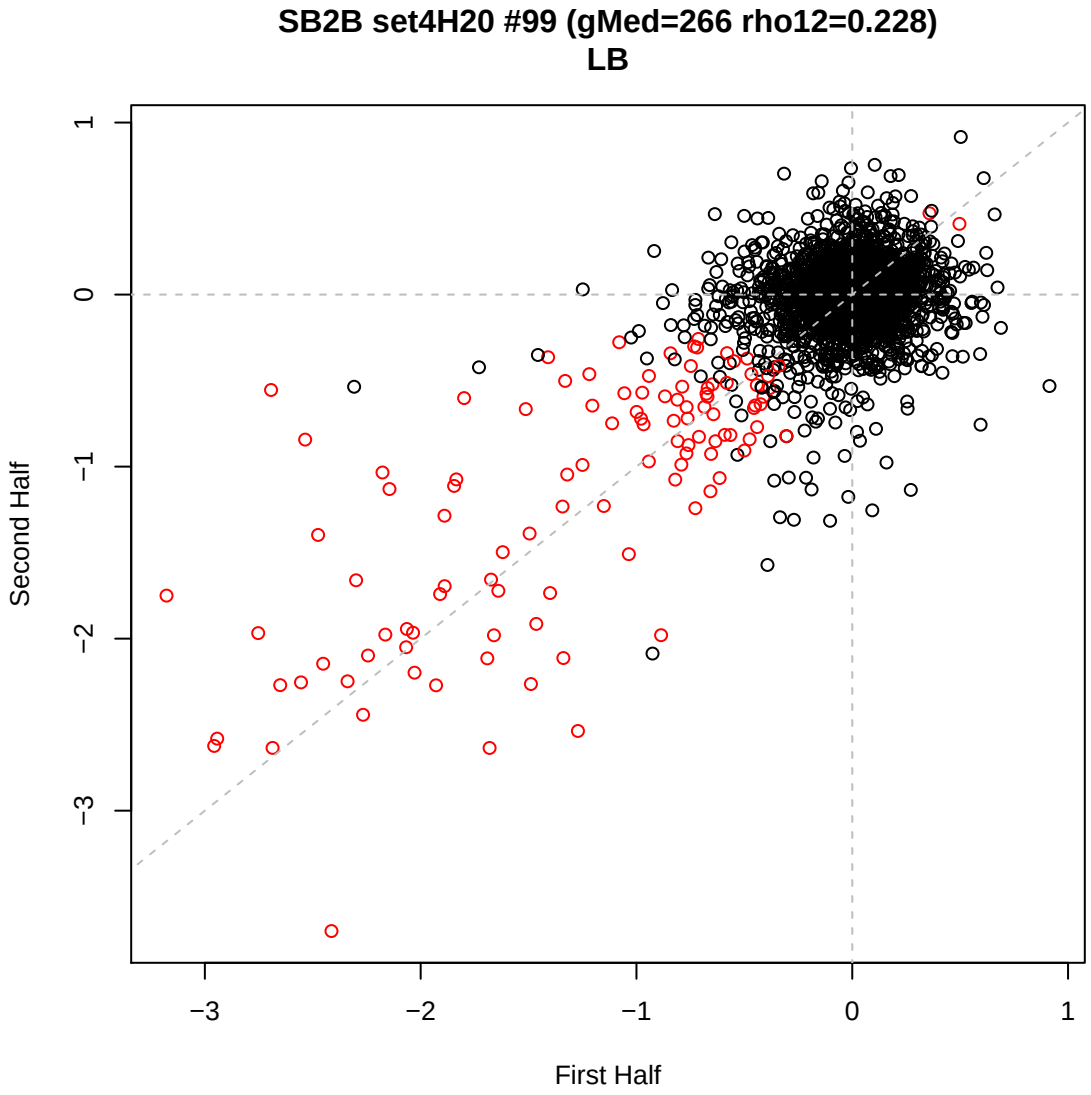

SB2B set2H46 #94 (gMed=401 rho12=0.295)
CAS aminos
Second Half
First Half
1
0
−1
−2
−3
−4
−5
−6
−4
−2
0

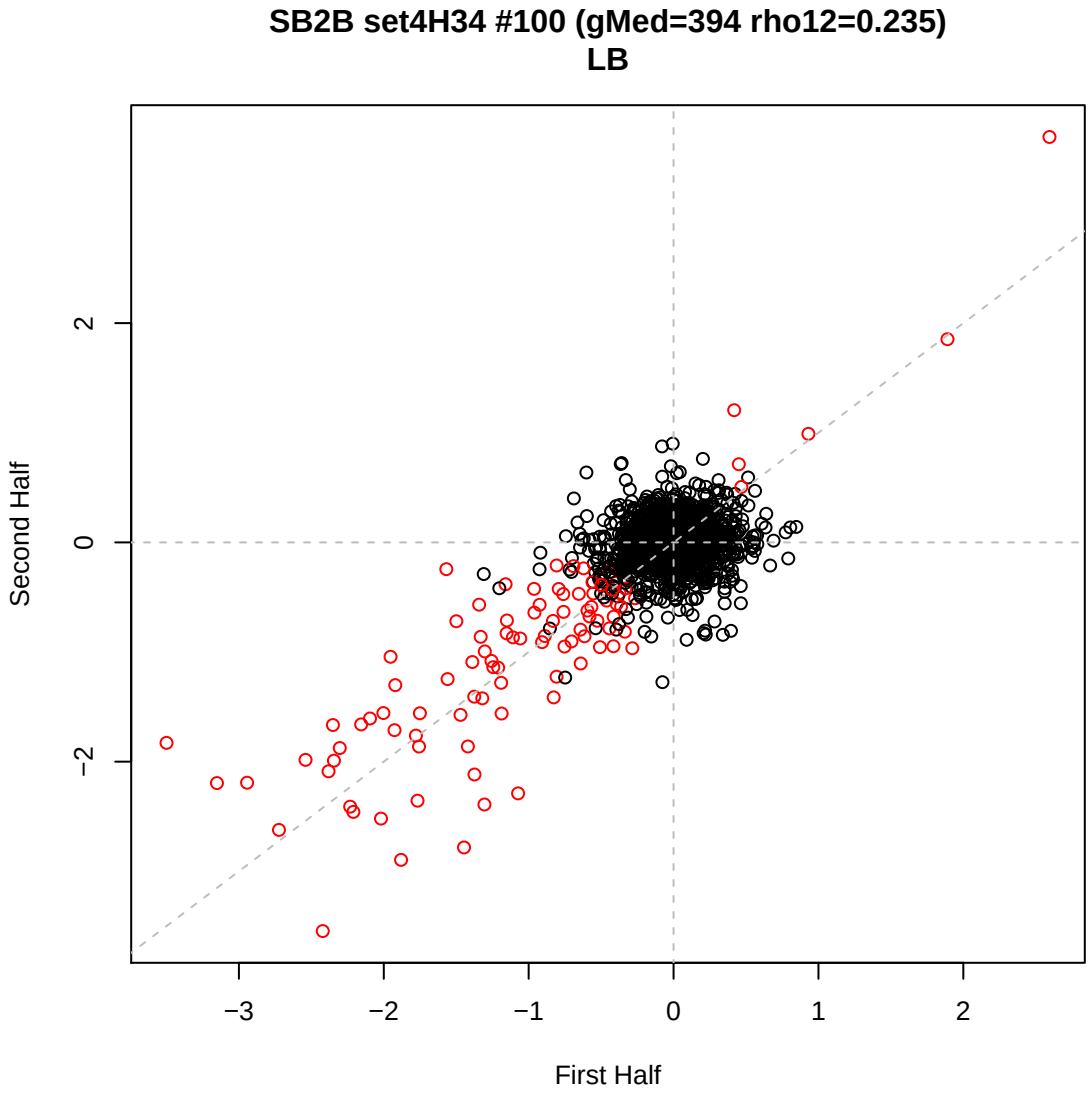

SB2B set2H47 #95 (gMed=337 rho12=0.538)
Putrescine
Second Half
First Half
8
6
4
2
0
−2
−4
−4
−2
0
2
4
6

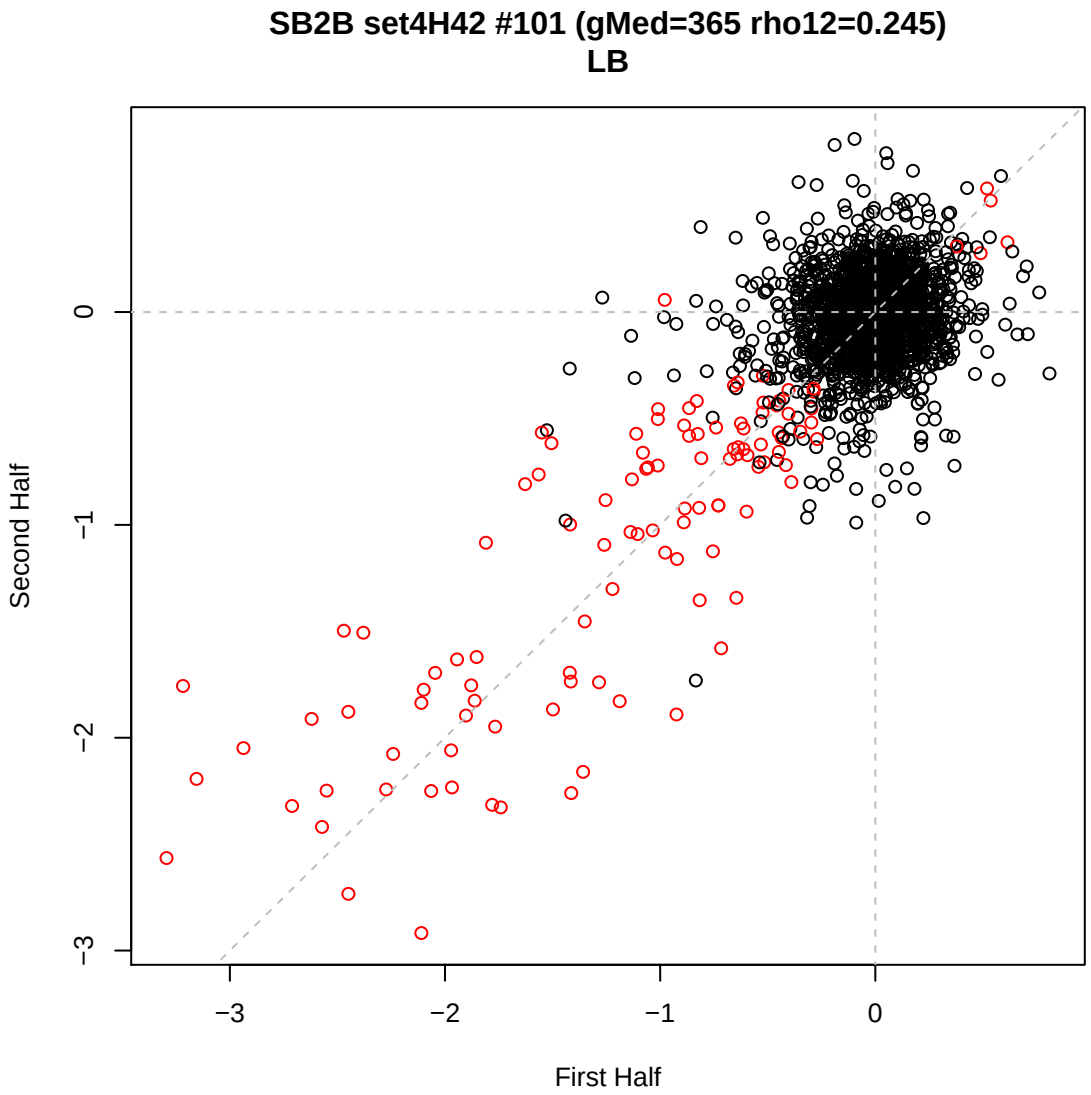

SB2B set2H48 #96 (gMed=438 rho12=0.510)
NAG
Second Half
First Half
−6
−4
−2
0
2
4
−6
−4
−2
0
2

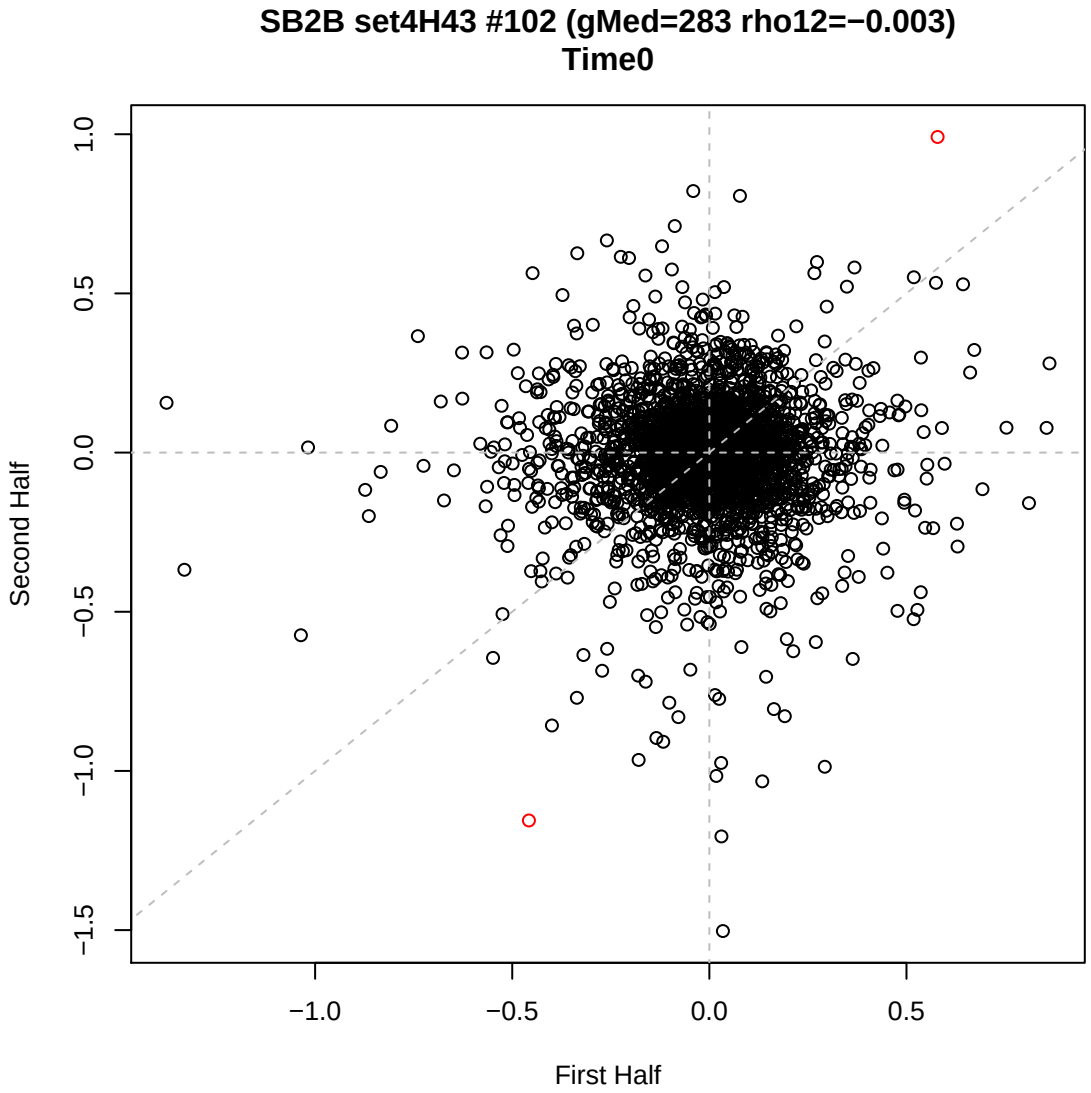

SB2B set4H10 #97 (gMed=193 rho12=0.161)
LB
Second Half
First Half
1
0
−1
−2
−3
−4
−3
−2
−1
0
1

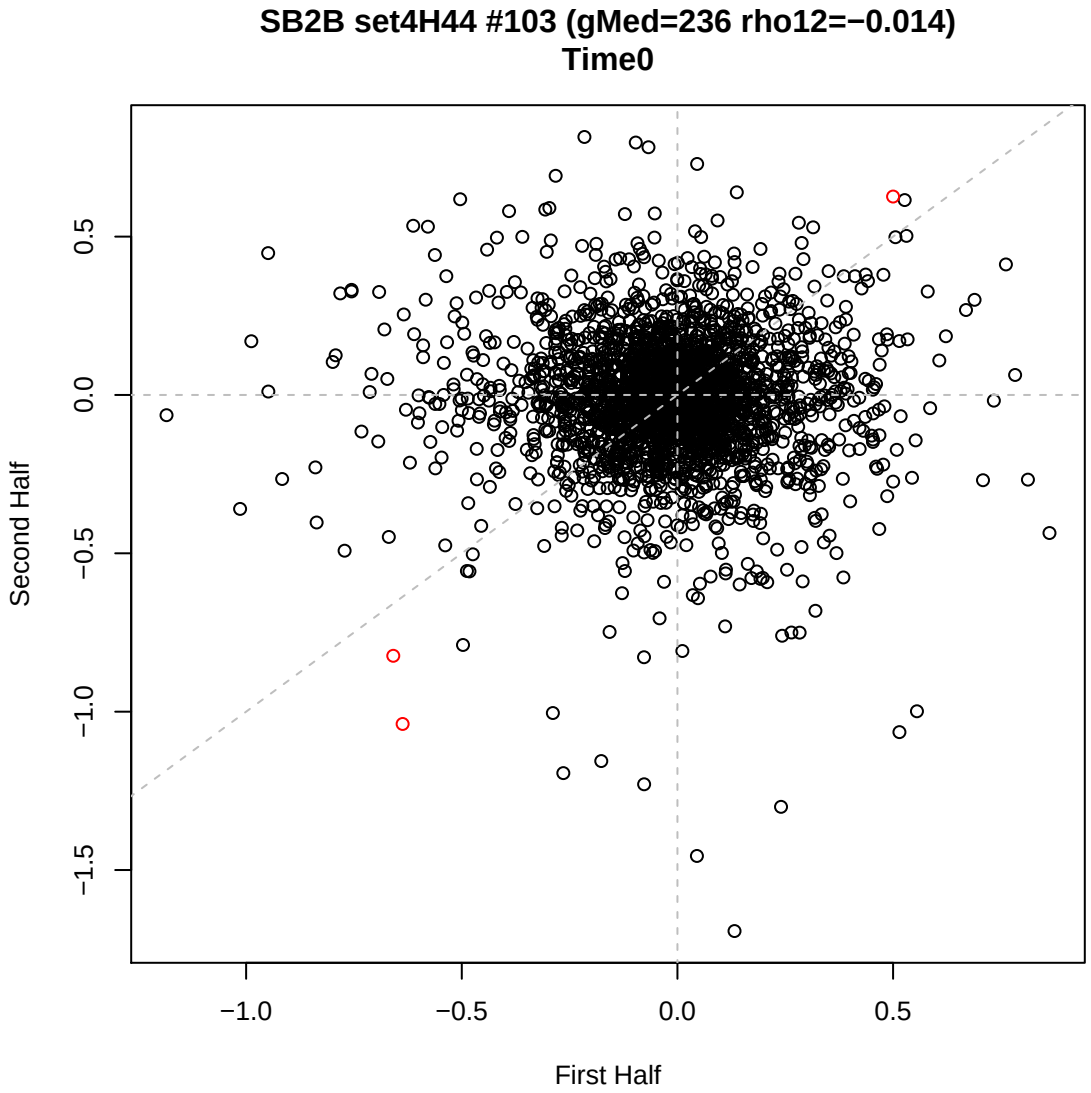

SB2B set4H19 #98 (gMed=408 rho12=−0.011)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5

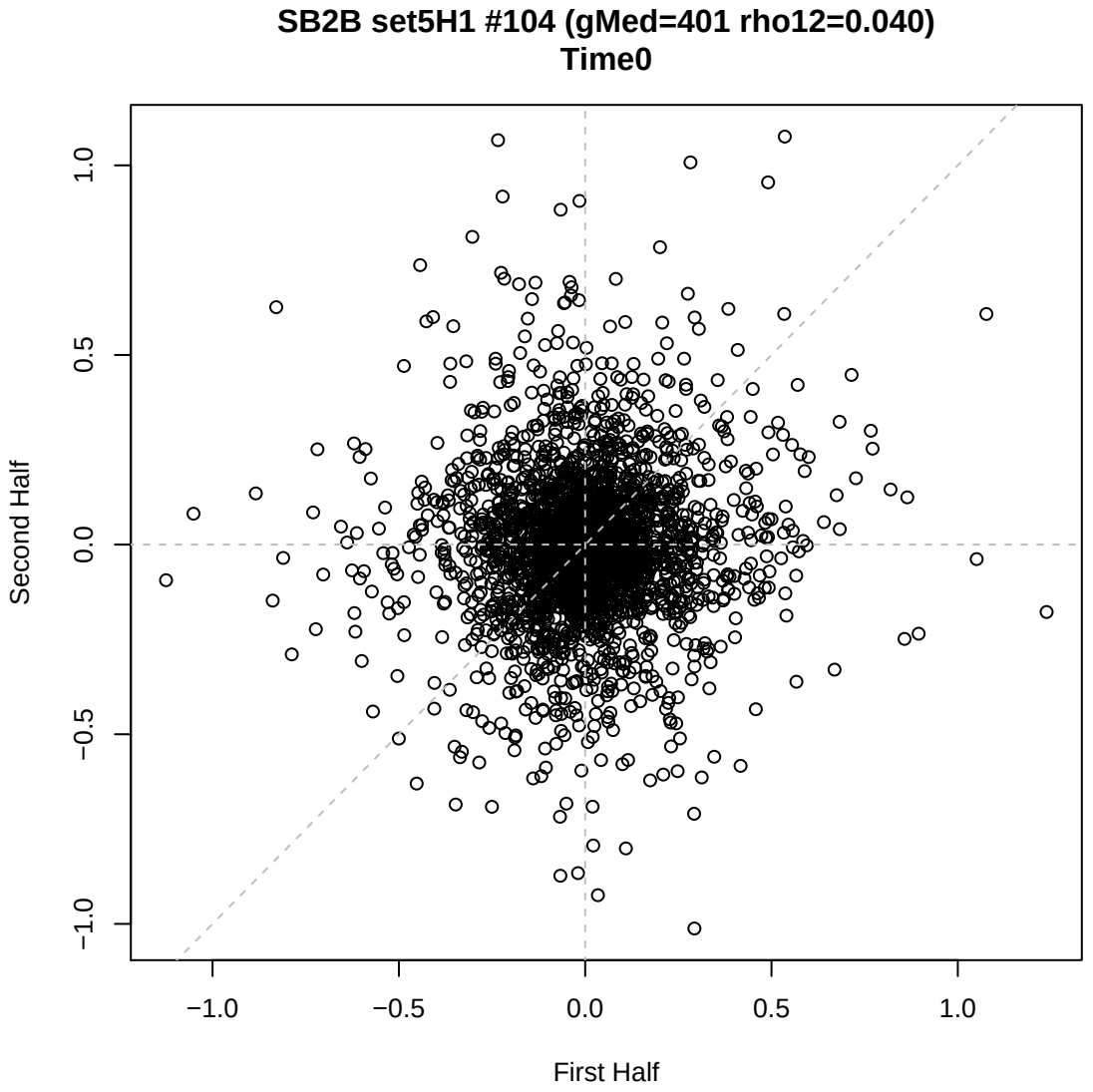

SB2B set4H20 #99 (gMed=266 rho12=0.228)
LB
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

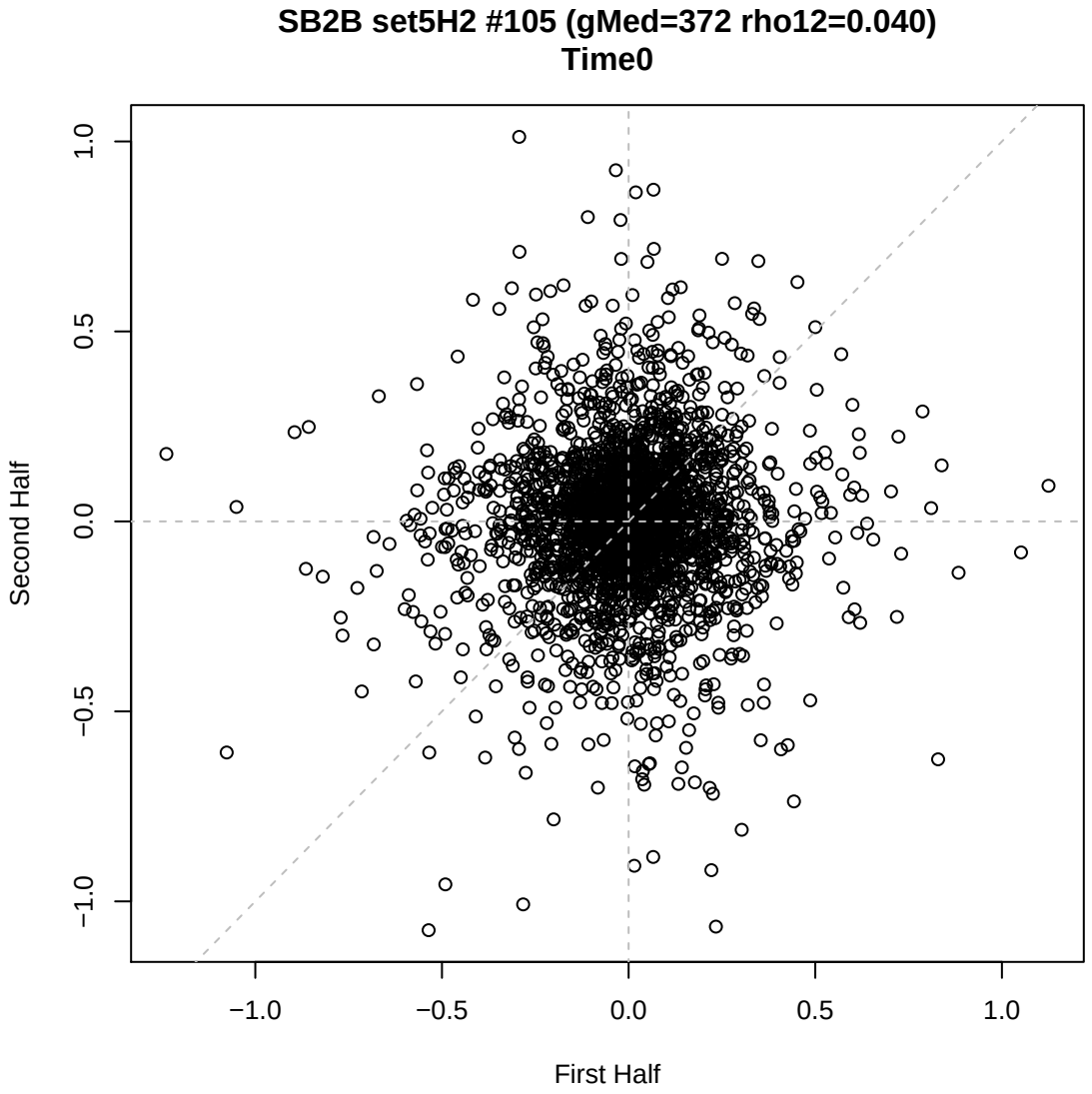

SB2B set4H34 #100 (gMed=394 rho12=0.235)
LB
Second Half
First Half
−3
−2
−1
0
1
2
−2
0
2

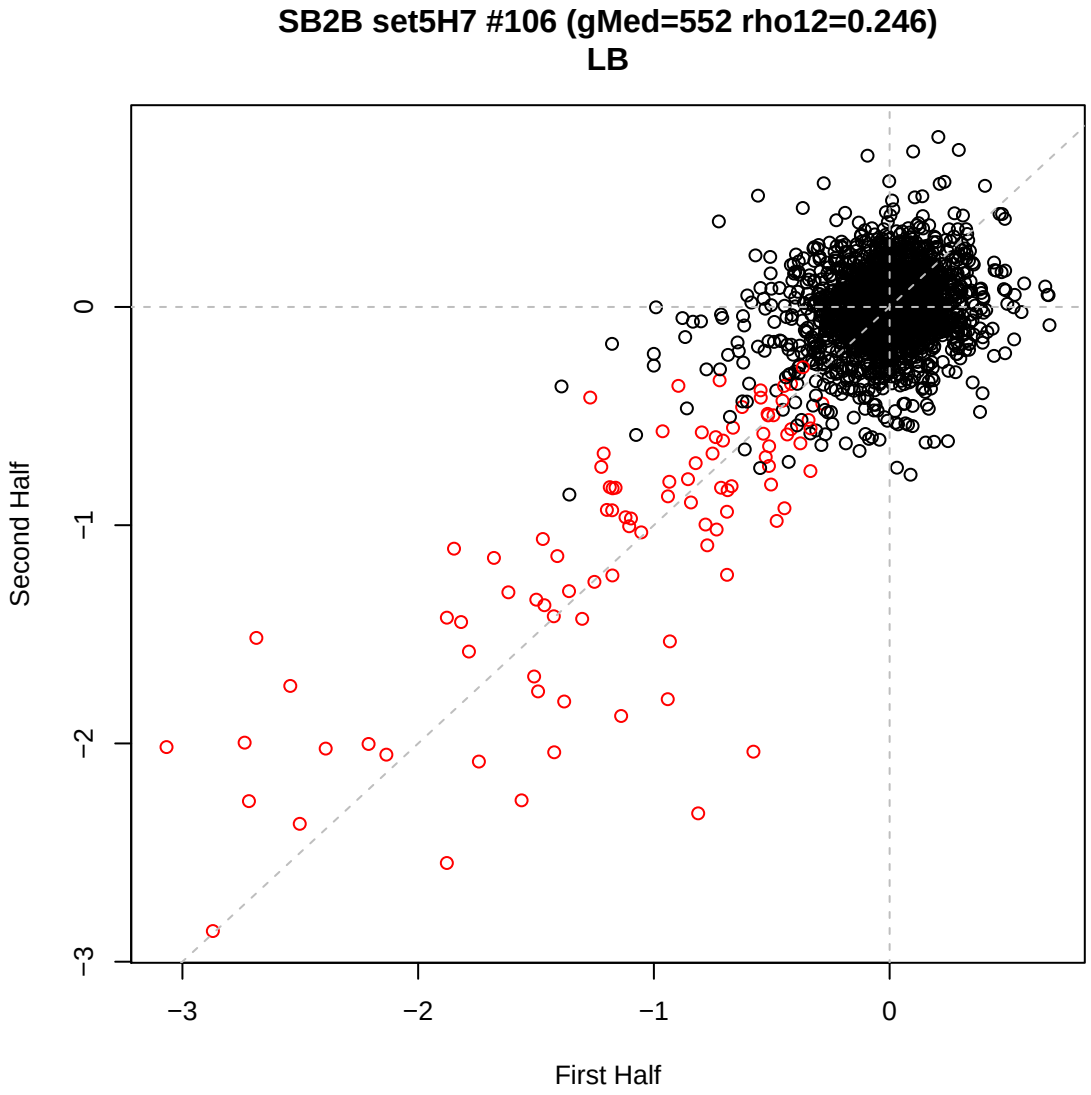

SB2B set4H42 #101 (gMed=365 rho12=0.245)
LB
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0

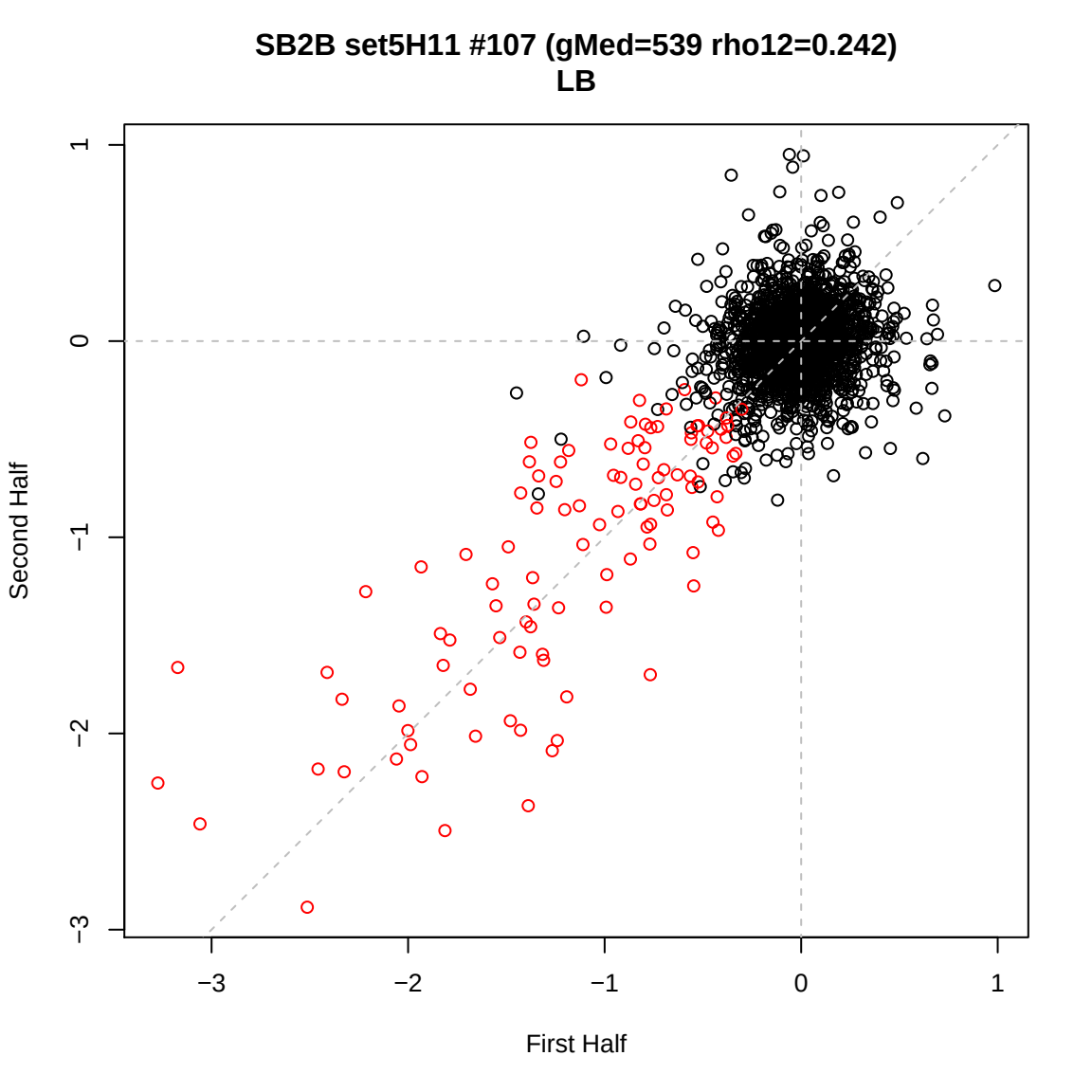

SB2B set4H43 #102 (gMed=283 rho12=−0.003)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

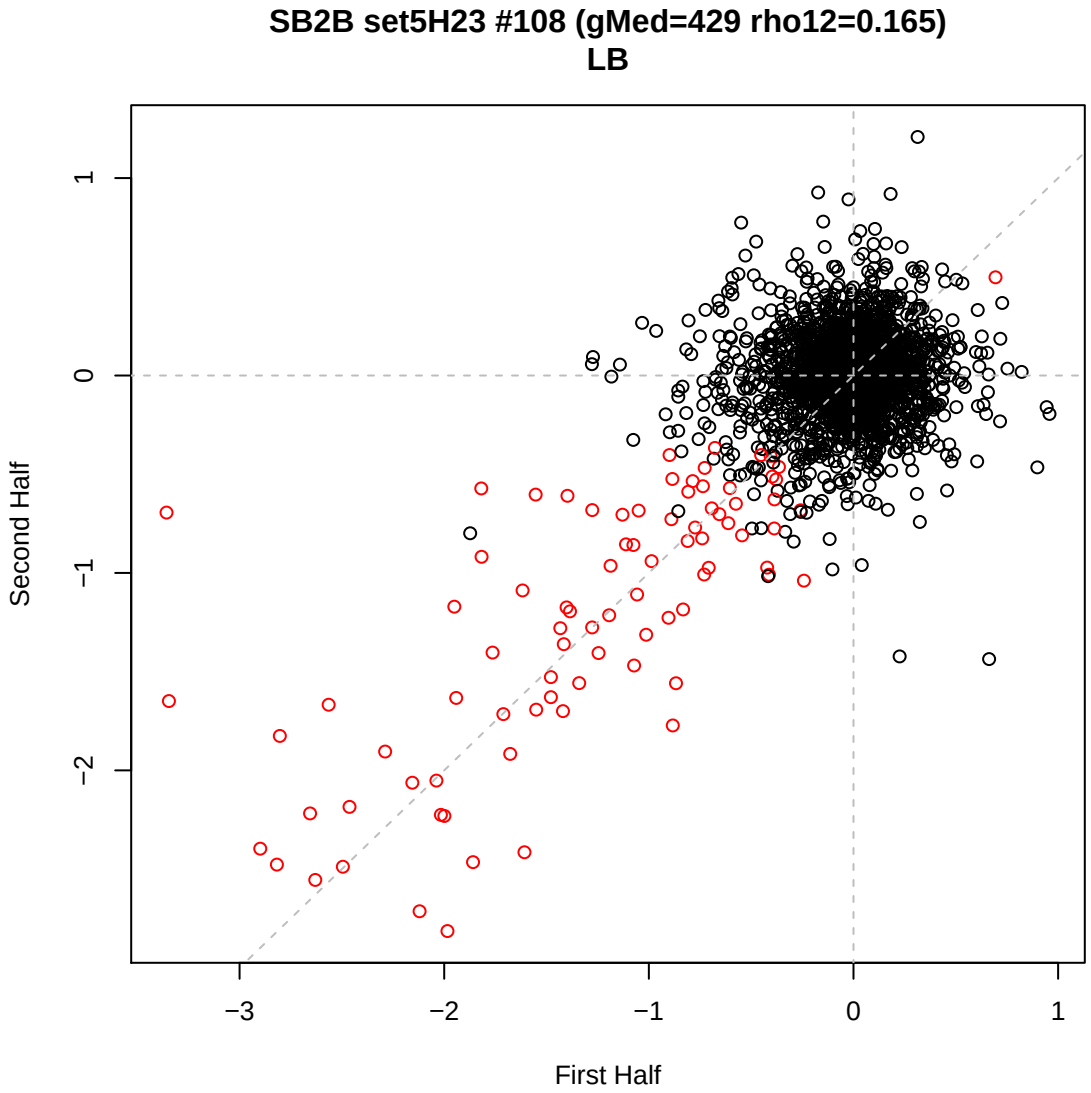

SB2B set4H44 #103 (gMed=236 rho12=−0.014)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5

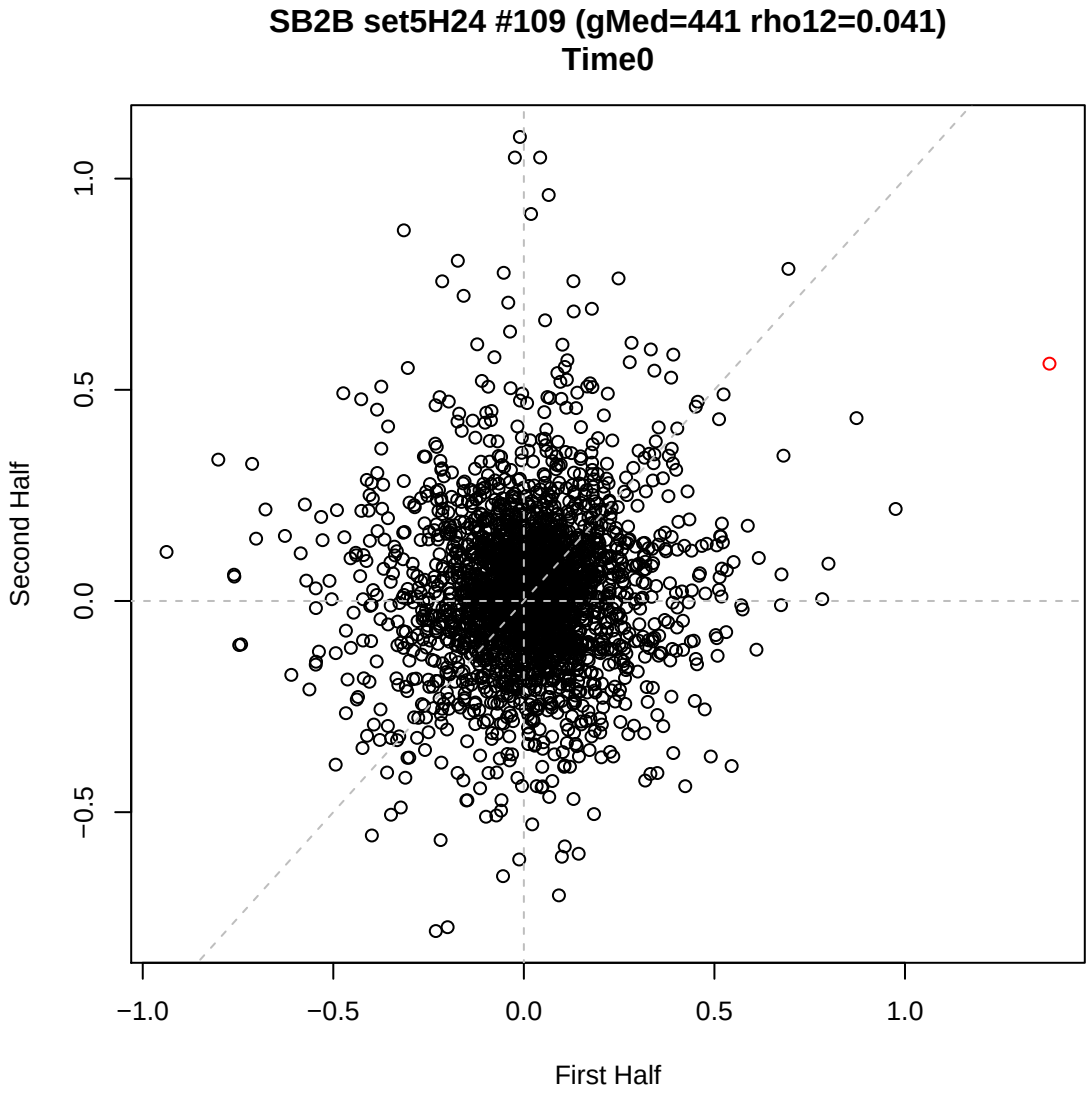

SB2B set5H1 #104 (gMed=401 rho12=0.040)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

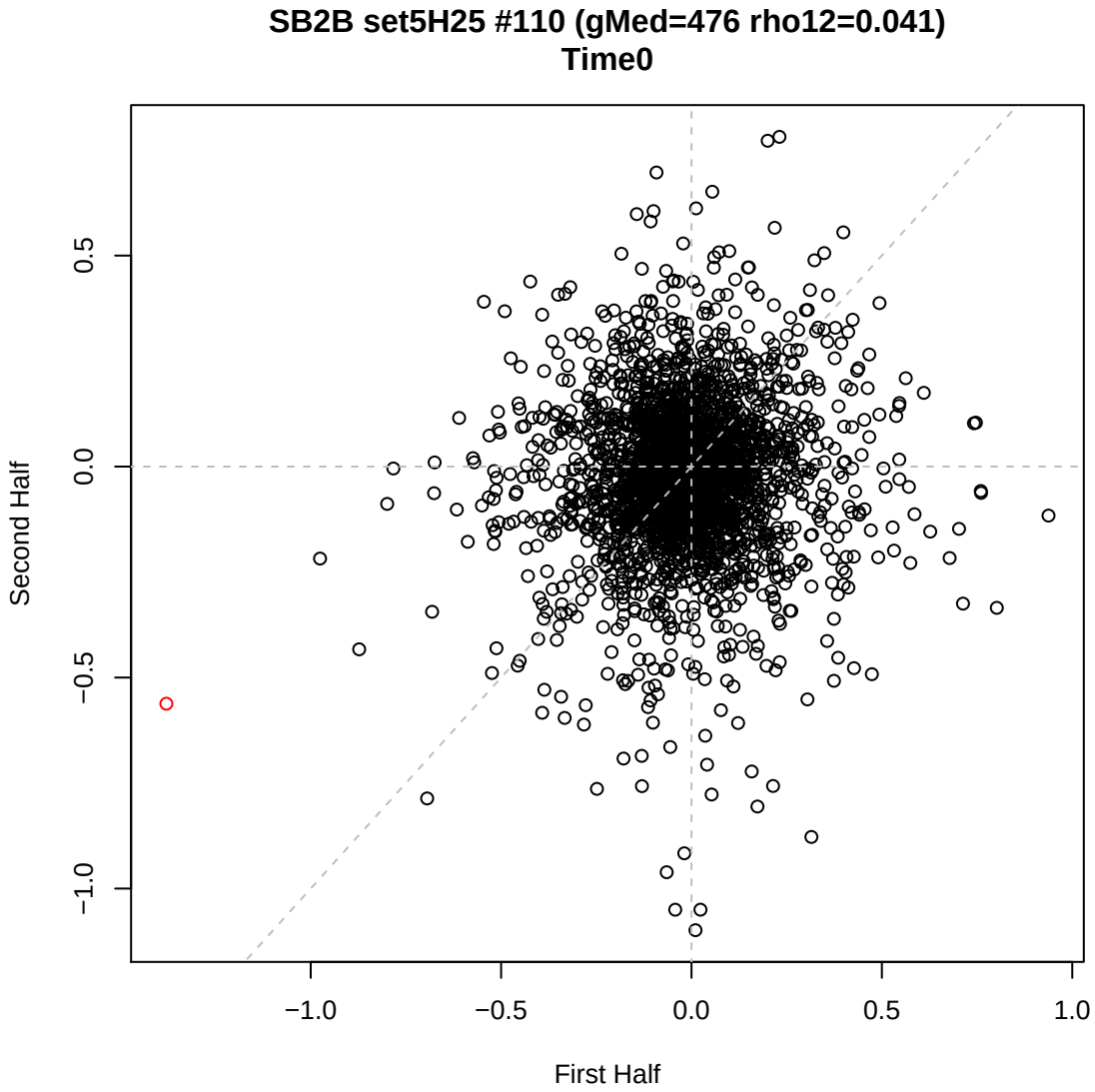

SB2B set5H2 #105 (gMed=372 rho12=0.040)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

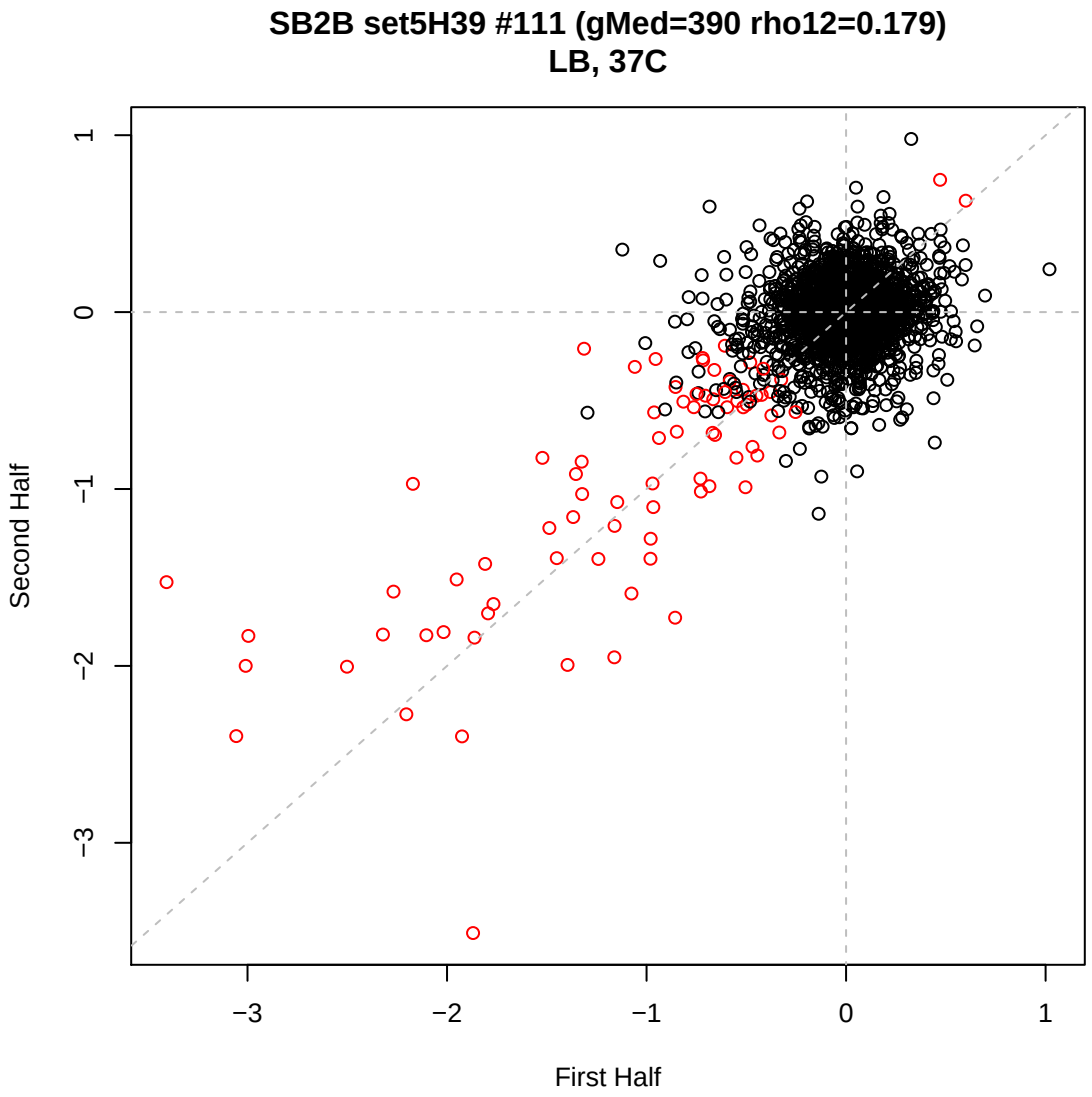

SB2B set5H7 #106 (gMed=552 rho12=0.246)
LB
Second Half
First Half
0
−1
−2
−3
−3
−2
−1
0

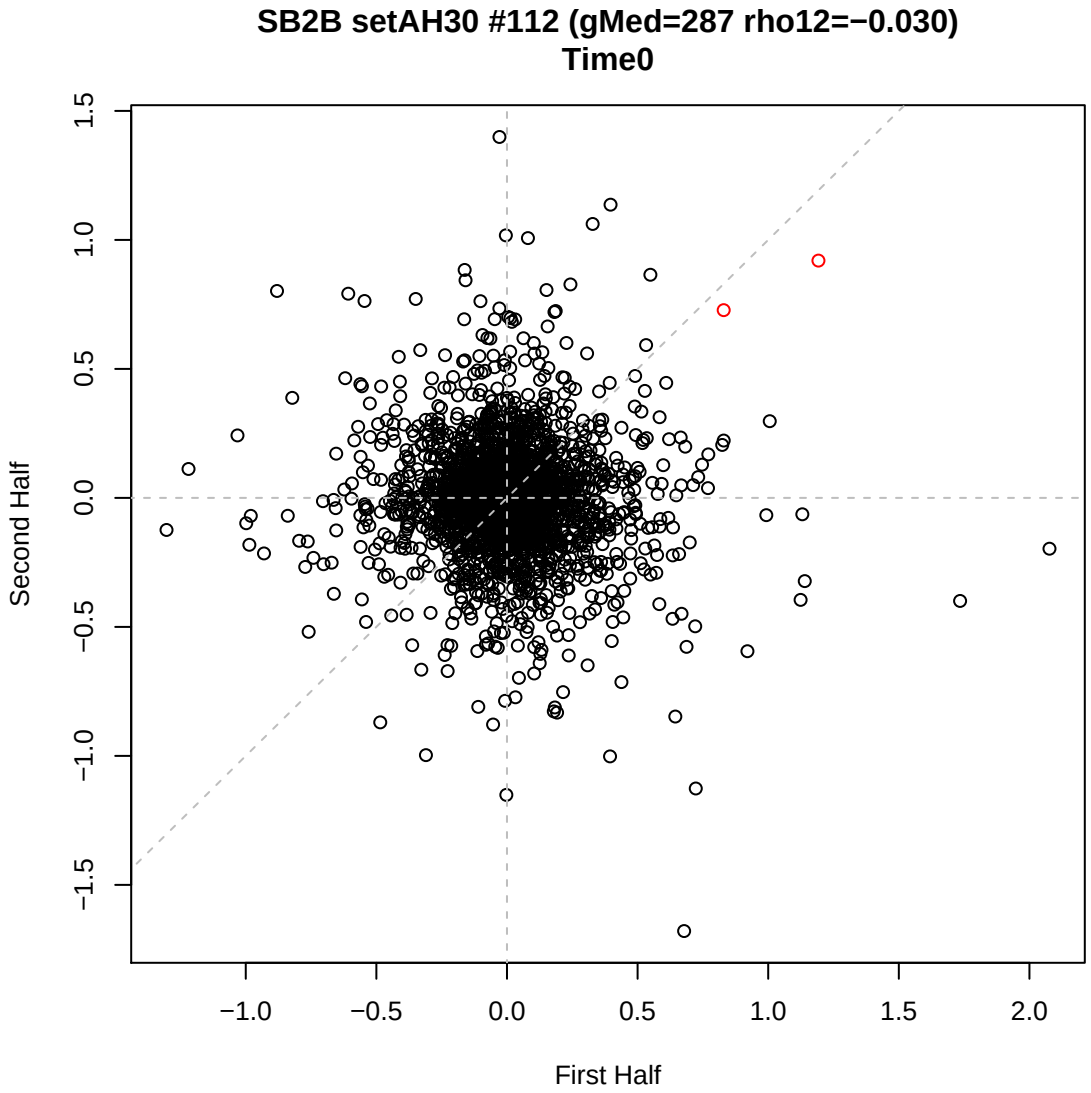

SB2B set5H11 #107 (gMed=539 rho12=0.242)
LB
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1

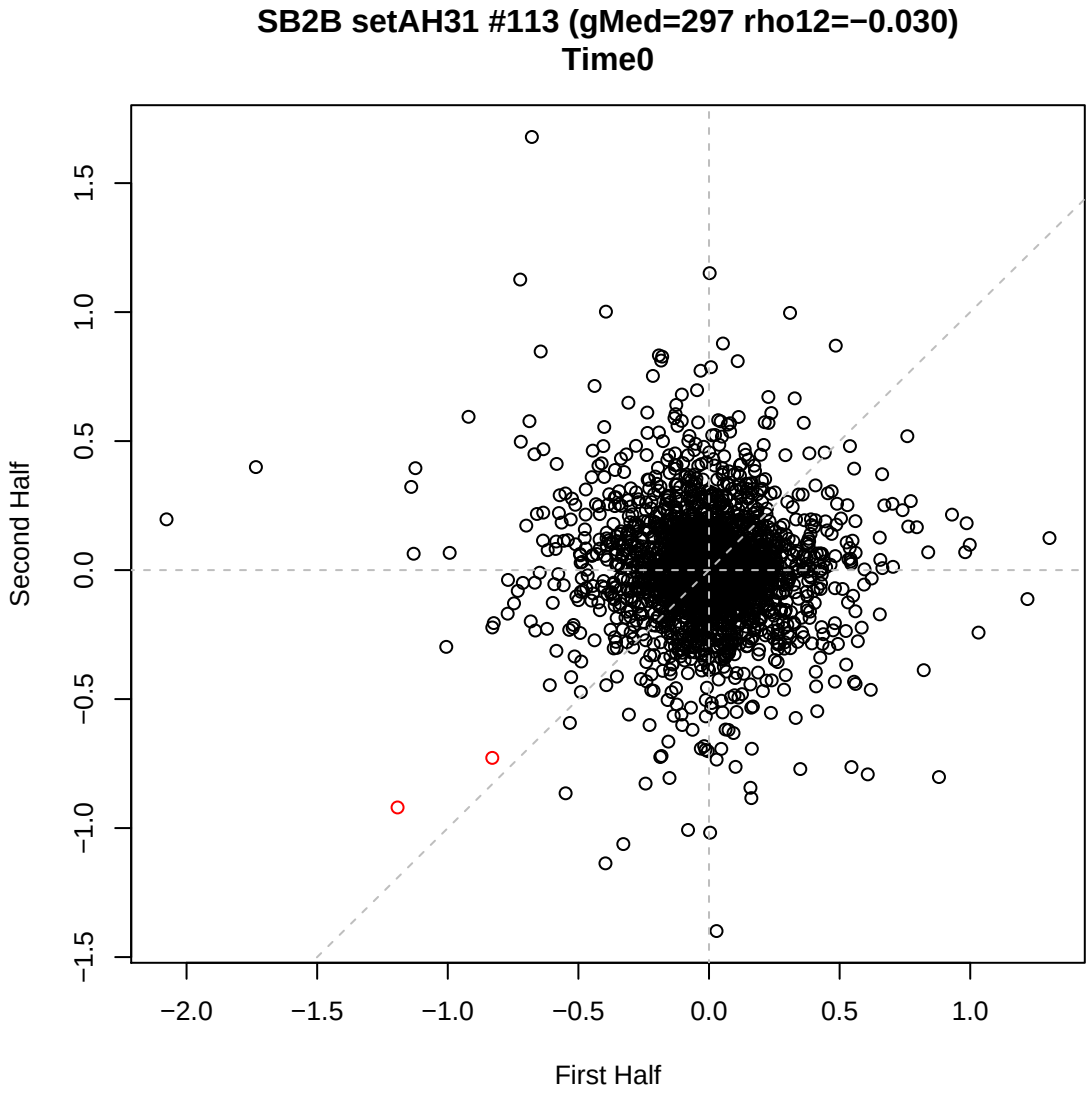

SB2B set5H23 #108 (gMed=429 rho12=0.165)
LB
Second Half
First Half
1
0
−1
−2
−3
−2
−1
0
1

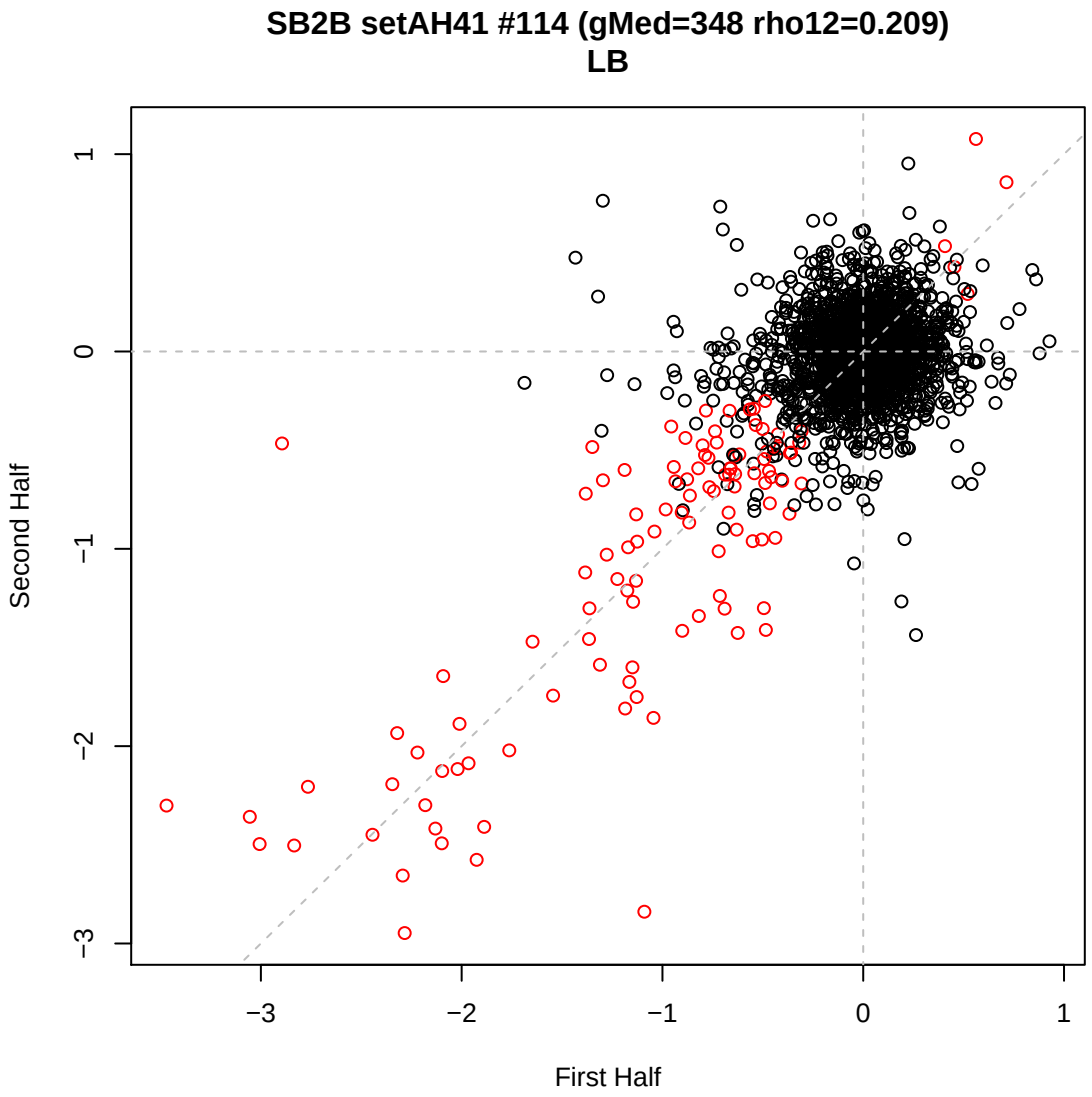

SB2B set5H24 #109 (gMed=441 rho12=0.041)
Time0
Second Half
First Half
1.0
0.5
0.0
−0.5
−1.0
−0.5
0.0
0.5
1.0


SB2B set5H25 #110 (gMed=476 rho12=0.041)
Time0
Second Half
First Half
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0


SB2B set5H39 #111 (gMed=390 rho12=0.179)
LB, 37C
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1


SB2B setAH30 #112 (gMed=287 rho12=−0.030)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0


SB2B setAH31 #113 (gMed=297 rho12=−0.030)
Time0
Second Half
First Half
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0


SB2B setAH41 #114 (gMed=348 rho12=0.209)
LB
Second Half
First Half
1
0
−1
−2
−3
−3
−2
−1
0
1