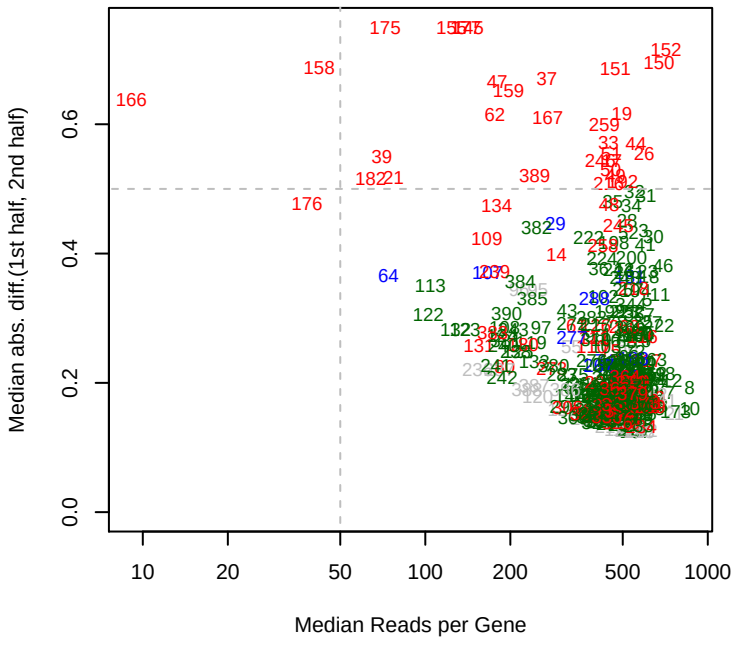
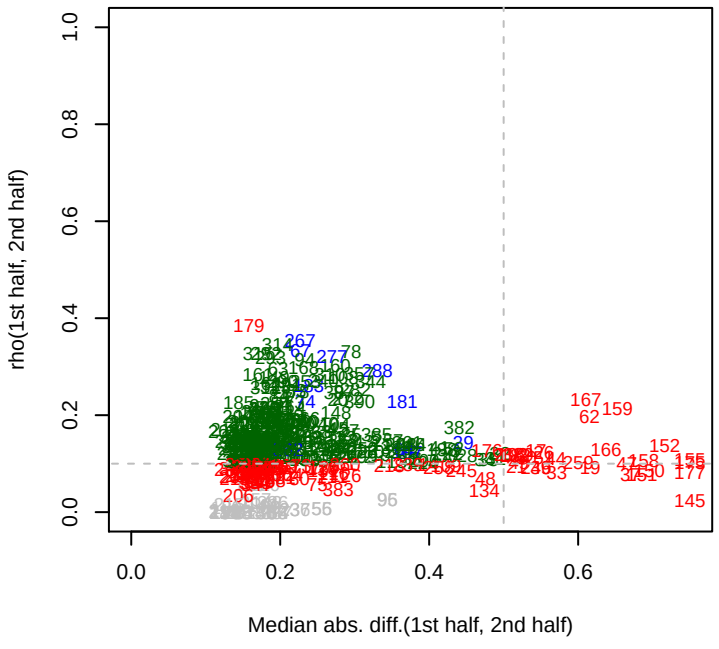
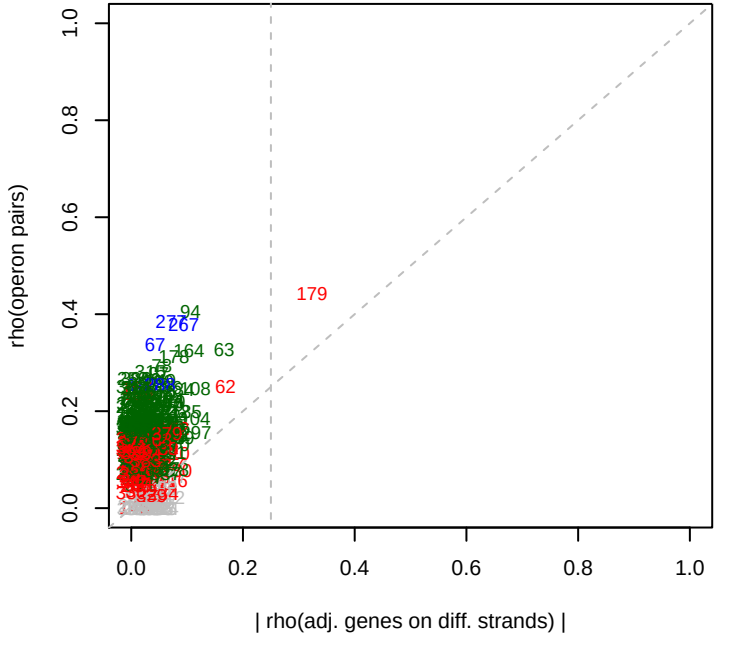
Marino mad12



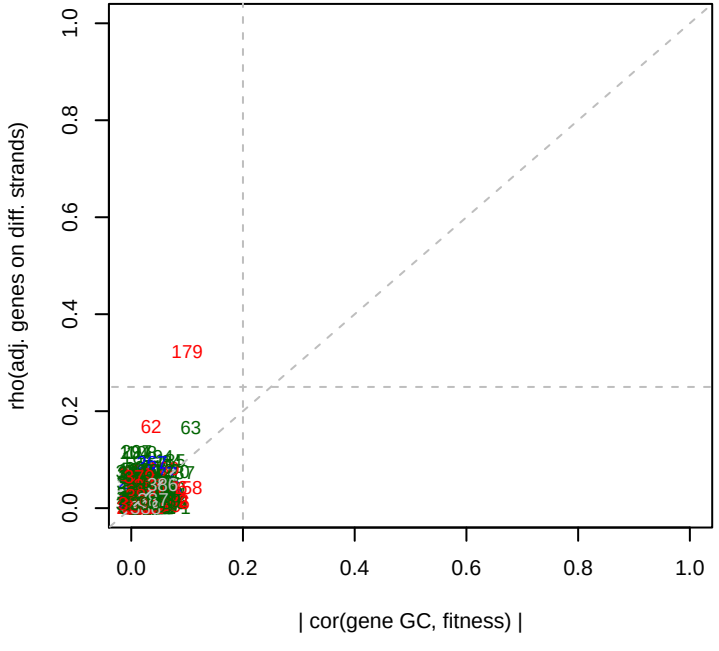
Marino rho12



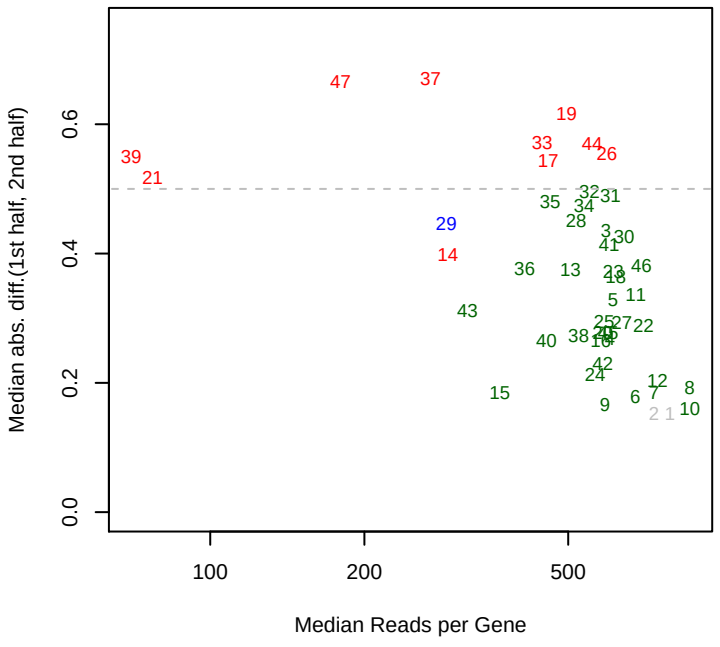
Marino rho(operons)



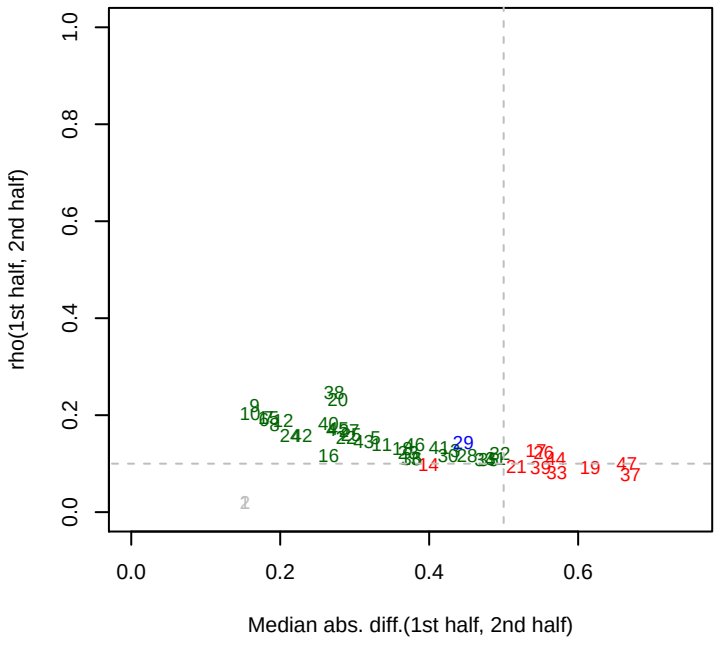
Marino GC effects



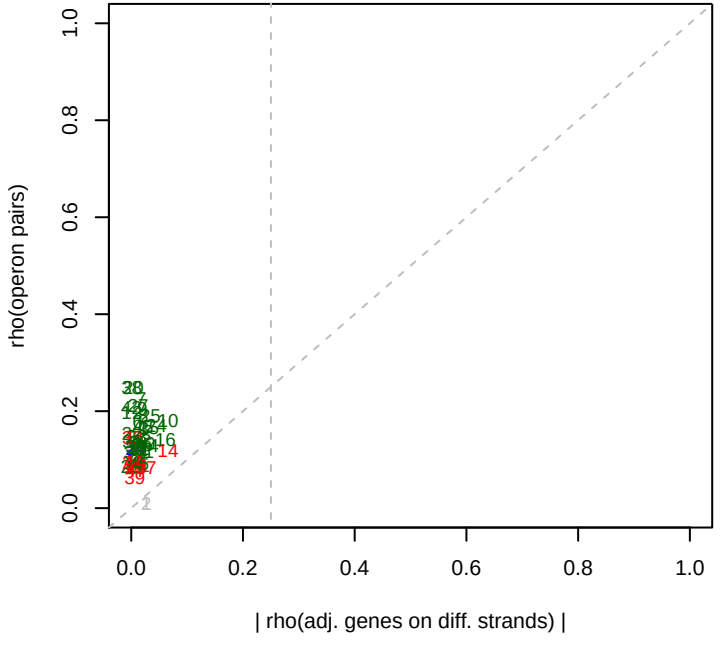
9/5/2013 Marino_ML2_set1 mad12



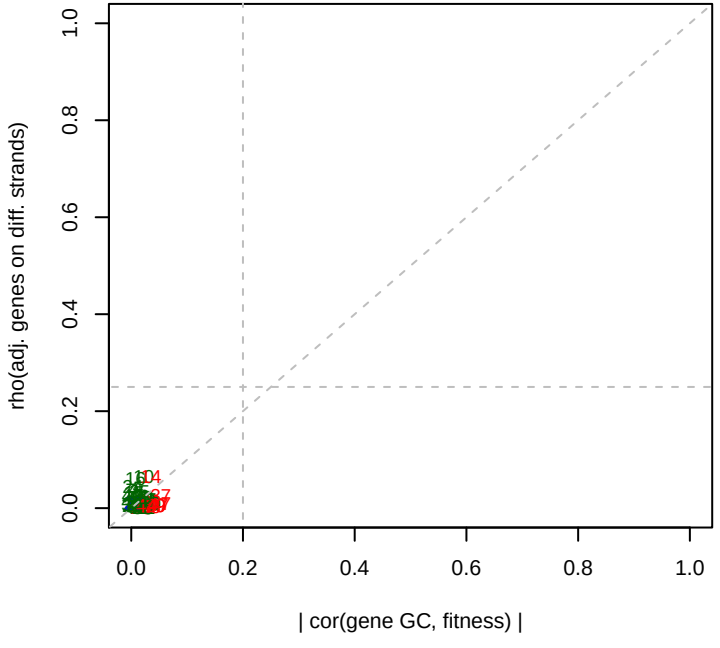
9/5/2013 Marino_ML2_set1 rho12

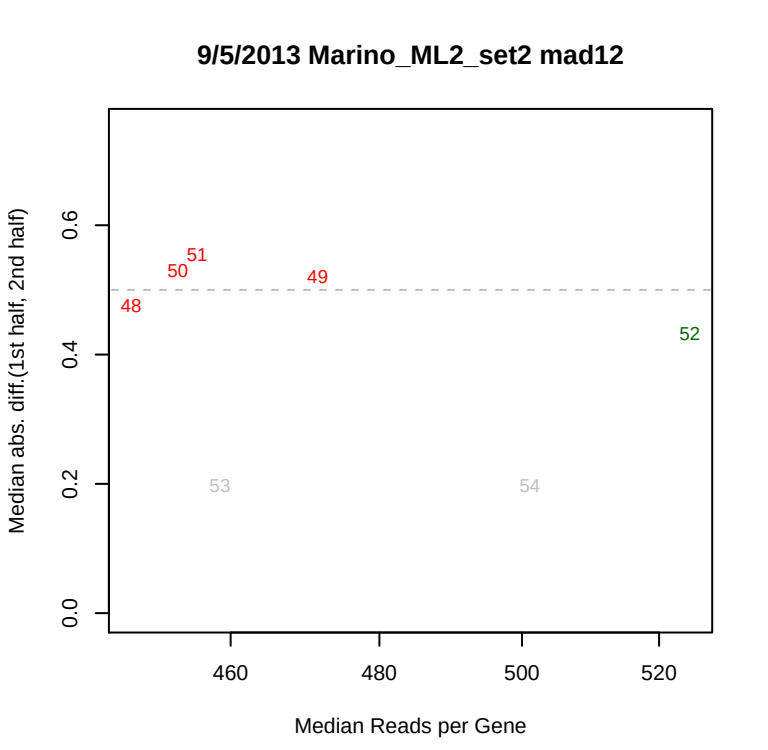


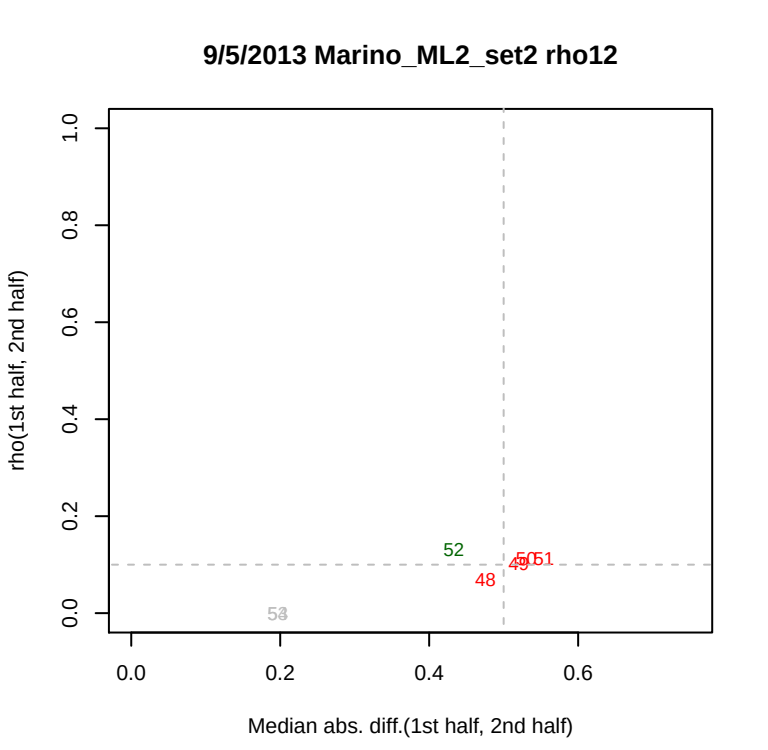
9/5/2013 Marino_ML2_set1 rho(operons)

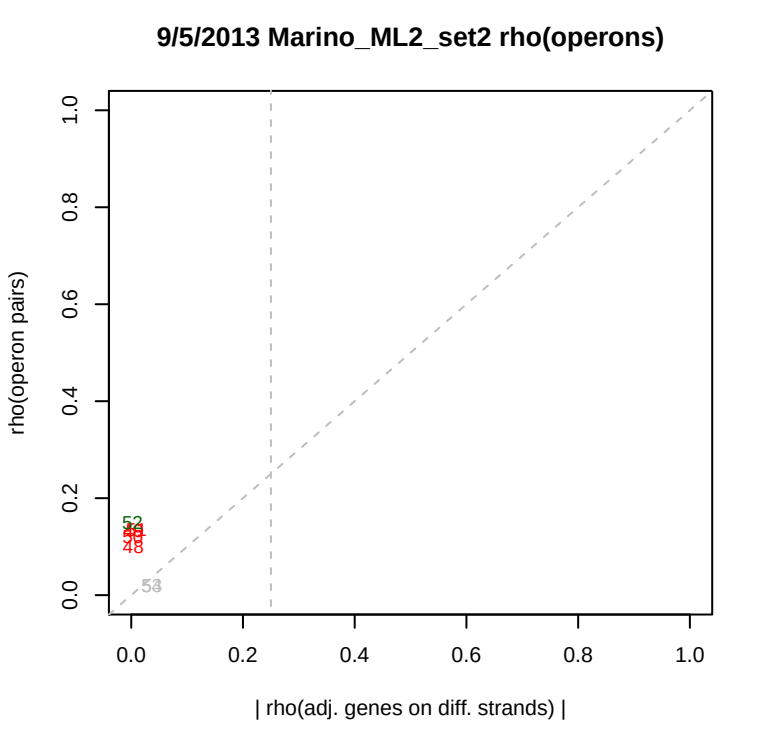


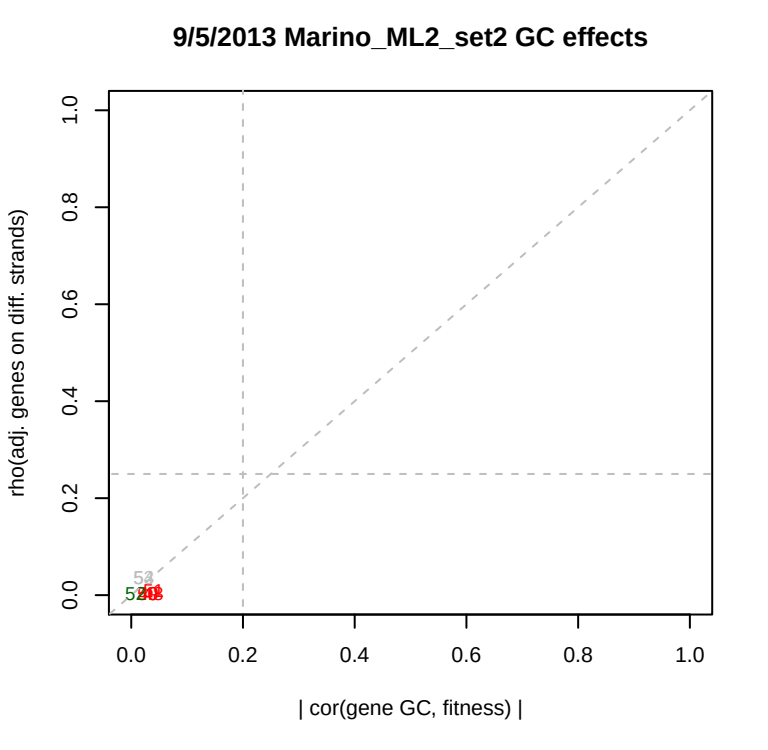
9/5/2013 Marino_ML2_set1 GC effects



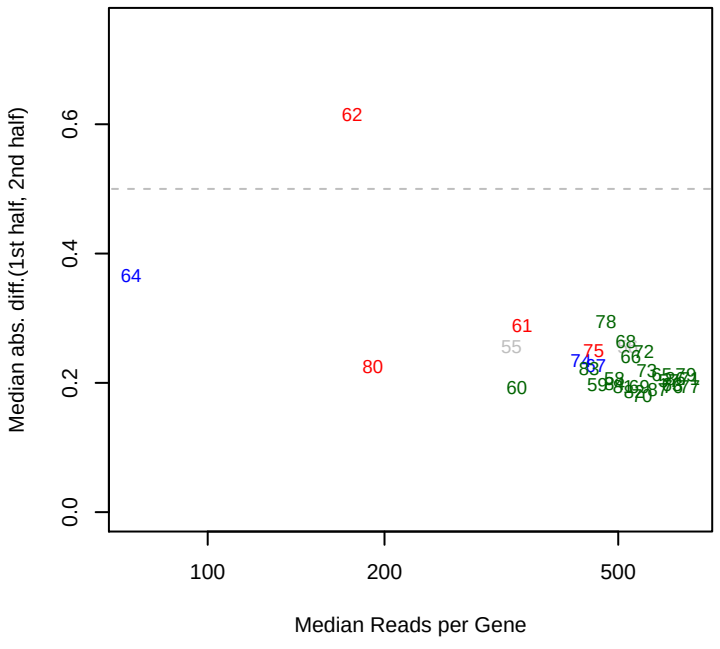

9/5/2013 Marino_ML2_set2 mad12
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
48
50
51
49
52
53
54
460
480
500
520
Median Reads per Gene


9/5/2013 Marino_ML2_set2 rho12
rho(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0
52
48
0.0
0.2
0.4
0.6
Median abs. diff.(1st half, 2nd half)

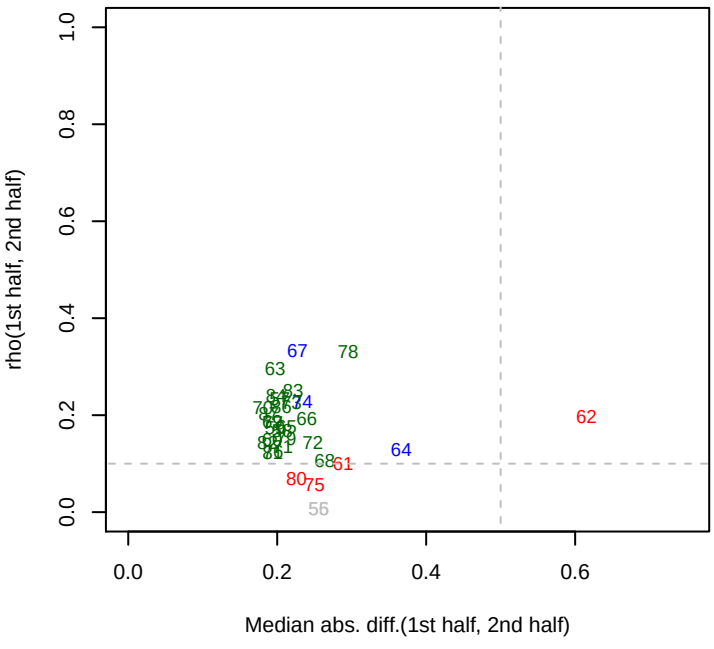

9/5/2013 Marino_ML2_set2 rho(operons)
rho(operon pairs)
0.0
0.2
0.4
0.6
0.8
1.0
48
0.0
0.2
0.4
0.6
0.8
1.0
| rho(adj. genes on diff. strands) |


9/5/2013 Marino_ML2_set2 GC effects
rho(adj. genes on diff. strands)
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.2
0.4
0.6
0.8
1.0
| cor(gene GC, fitness) |

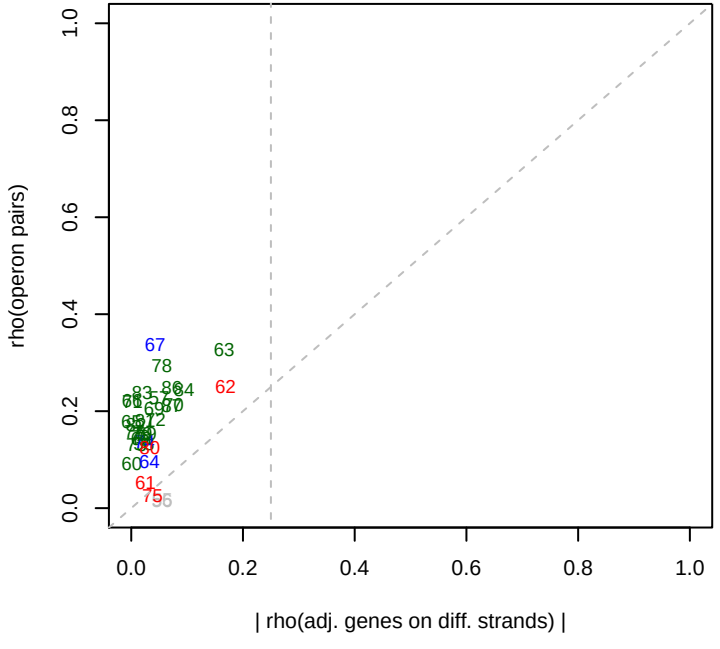
9/9/2013 Marino_ML2_set2 mad12



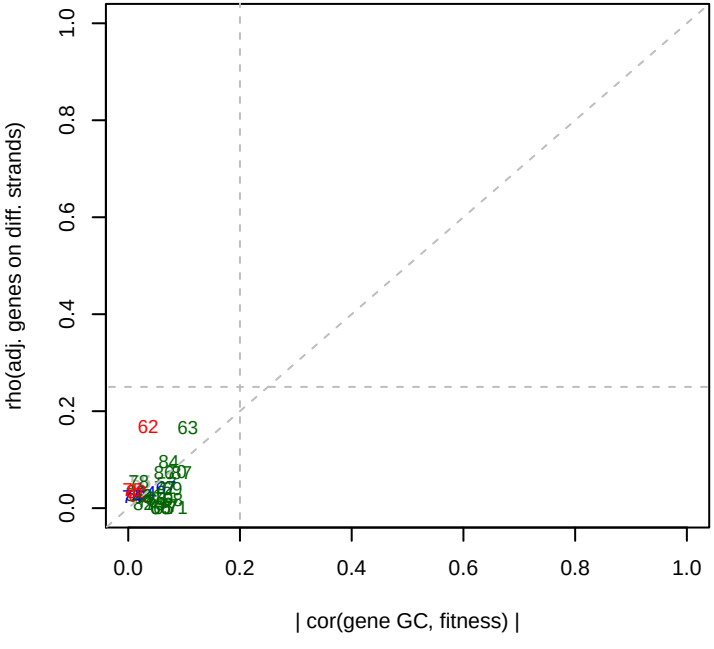
9/9/2013 Marino_ML2_set2 rho12

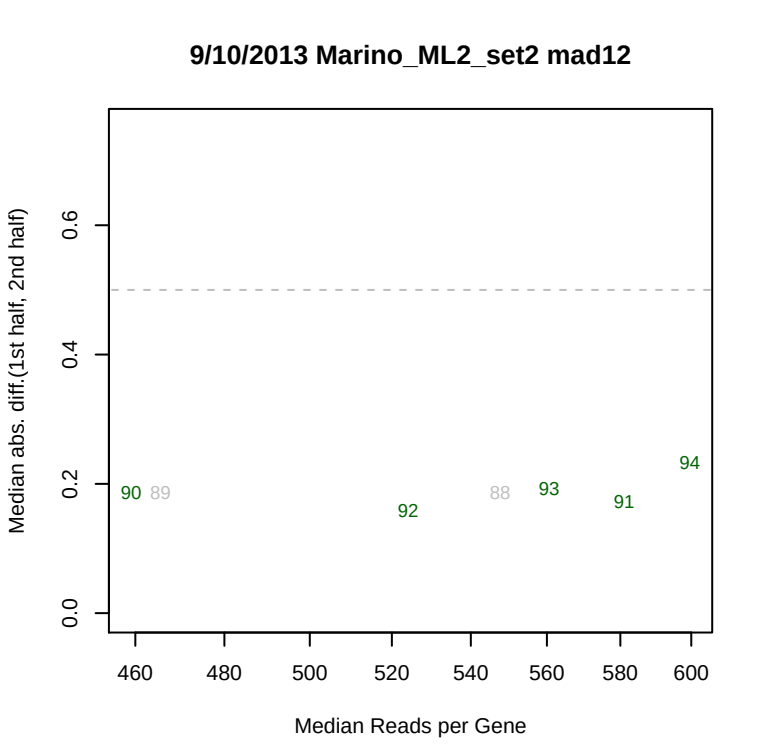


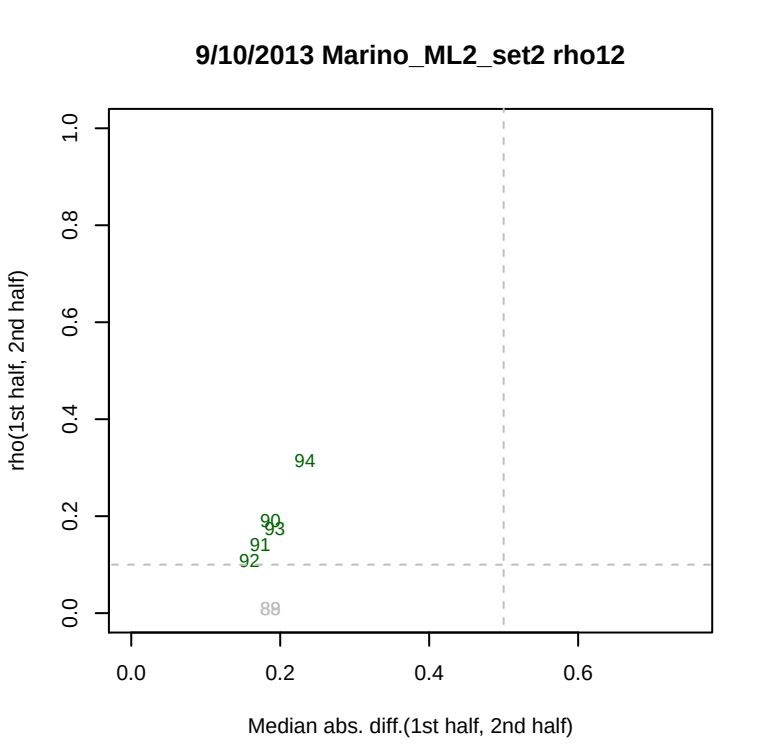
9/9/2013 Marino_ML2_set2 rho(operons)

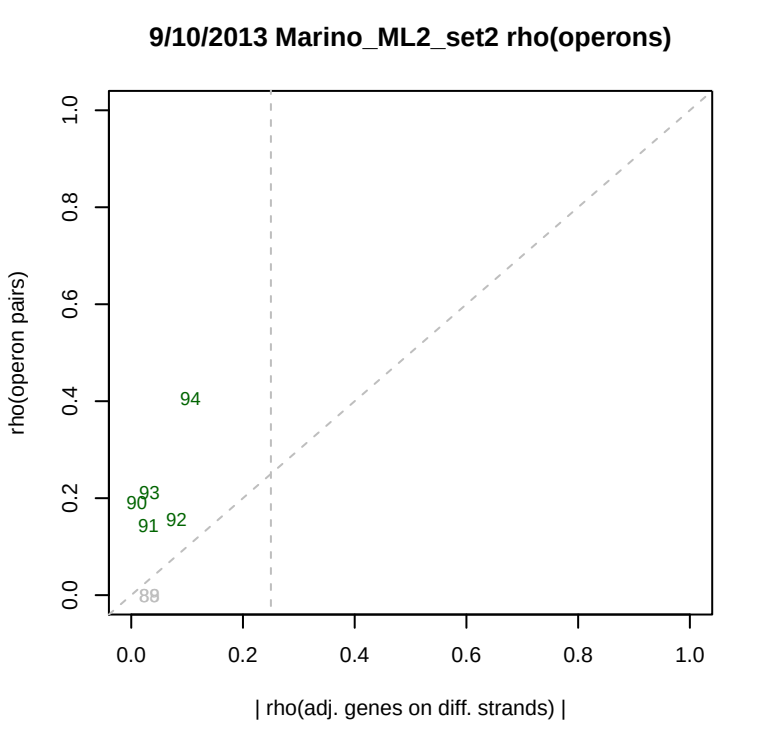


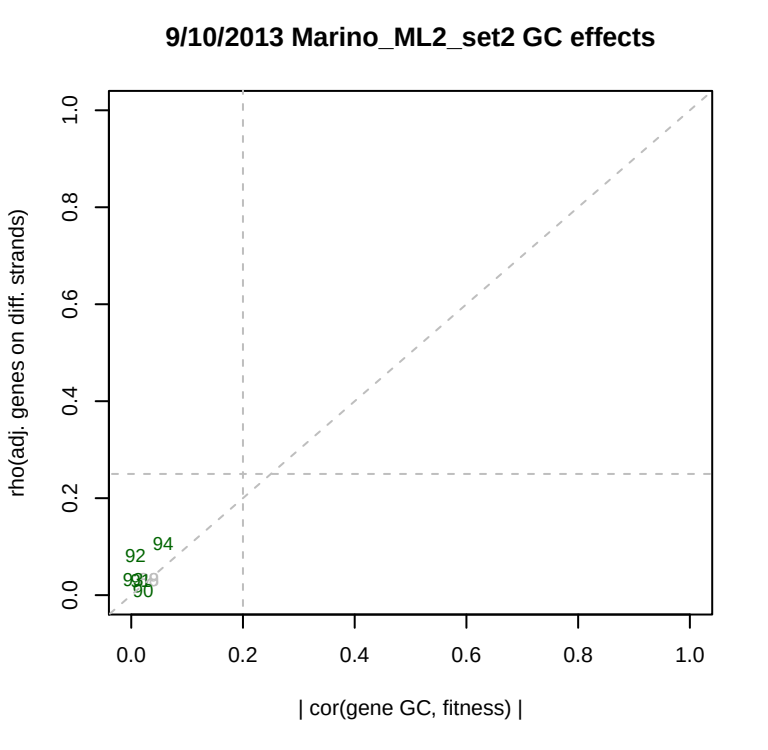
9/9/2013 Marino_ML2_set2 GC effects

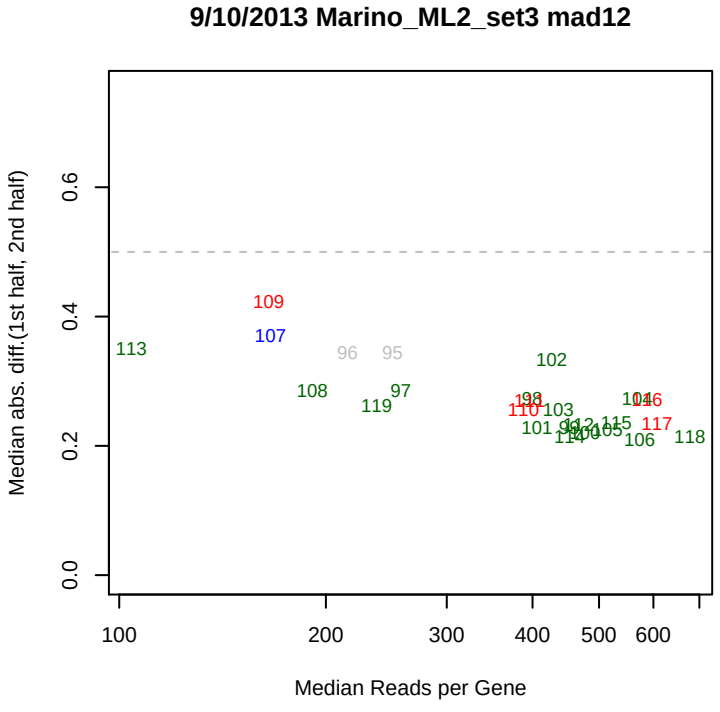


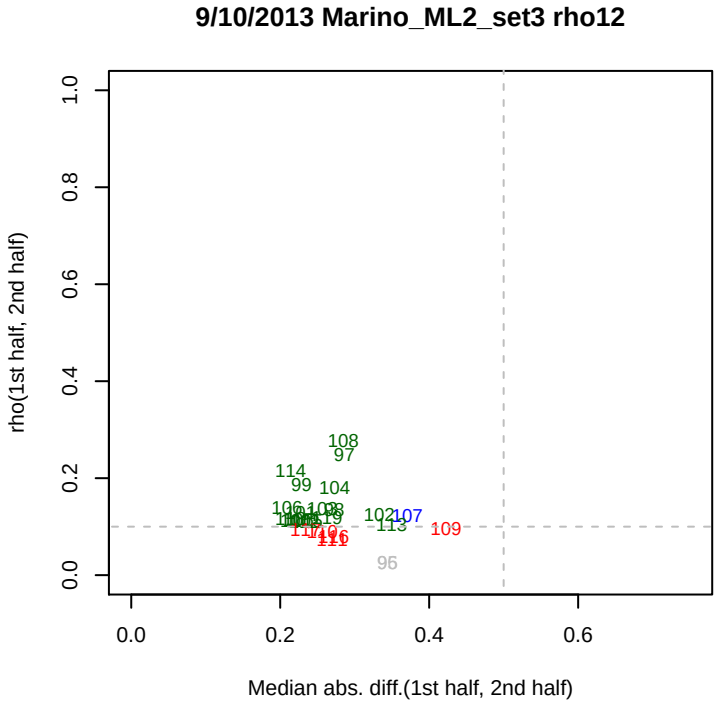

9/10/2013 Marino_ML2_set2 mad12
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
90
89
92
88
93
91
94
460
480
500
520
540
560
580
600
Median Reads per Gene

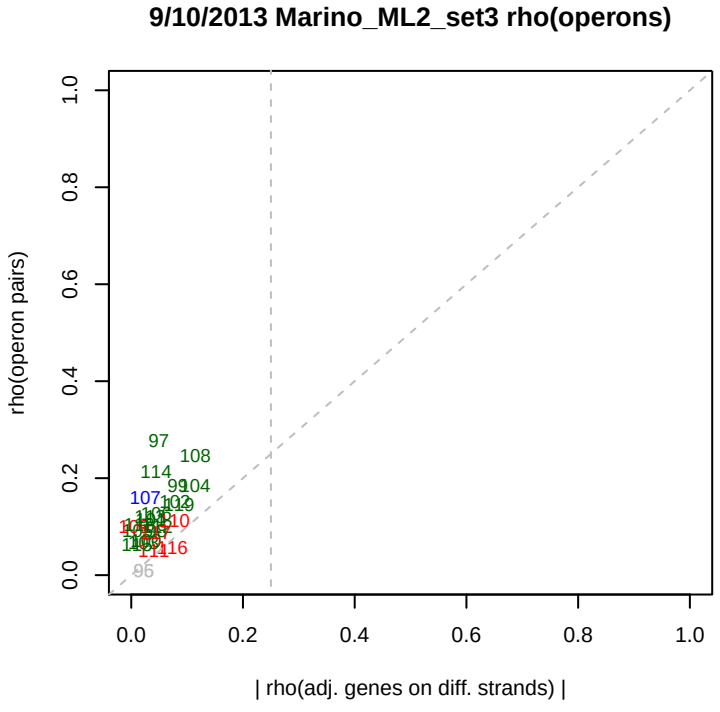

9/10/2013 Marino_ML2_set2 rho12
rho(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0
94
90
93
91
92
89
0.0
0.2
0.4
0.6
Median abs. diff.(1st half, 2nd half)

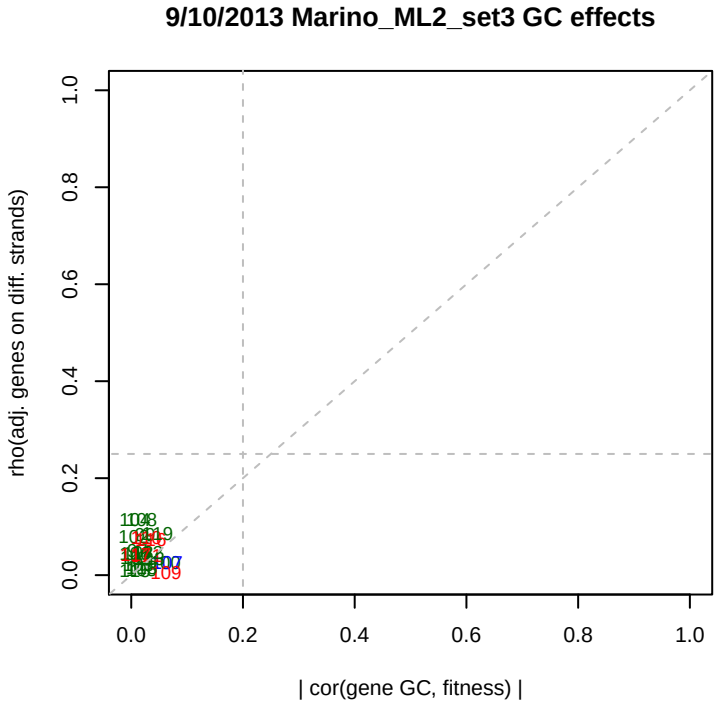

9/10/2013 Marino_ML2_set2 rho(operons)
rho(operon pairs)
0.0
0.2
0.4
0.6
0.8
1.0
94
93
90
91
92
89
0.0
0.2
0.4
0.6
0.8
1.0
| rho(adj. genes on diff. strands) |

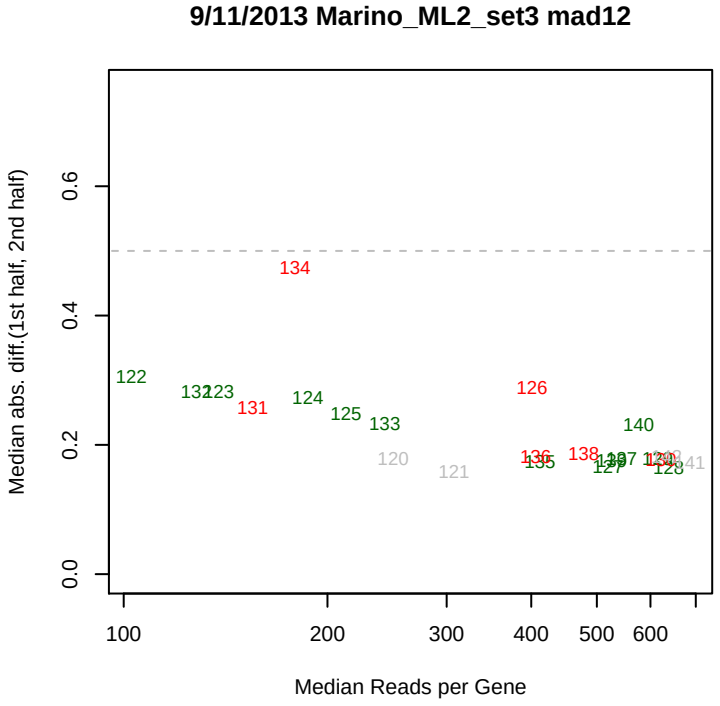

9/10/2013 Marino_ML2_set2 GC effects
rho(adj. genes on diff. strands)
0.0
0.2
0.4
0.6
0.8
1.0
92
94
90
0.0
0.2
0.4
0.6
0.8
1.0
| cor(gene GC, fitness) |

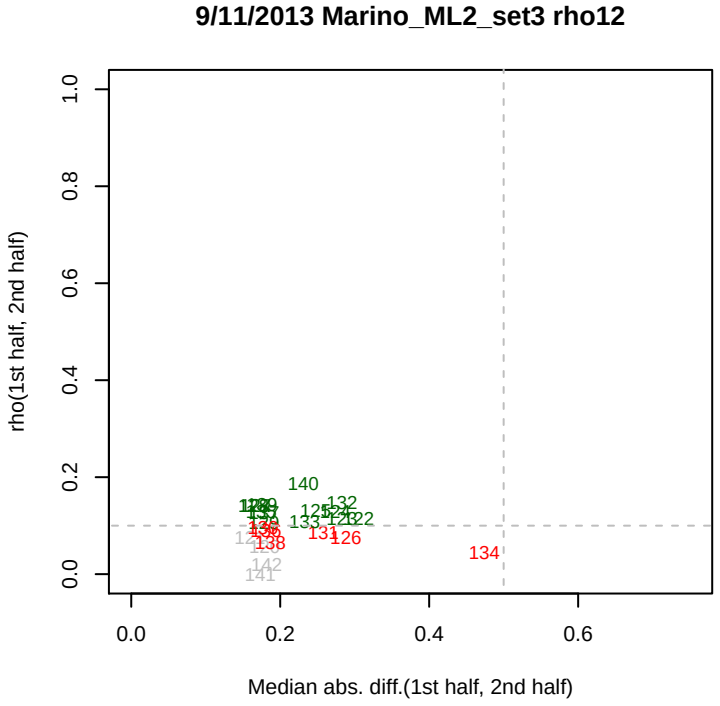

9/10/2013 Marino_ML2_set3 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
100
200
300
400
500
600

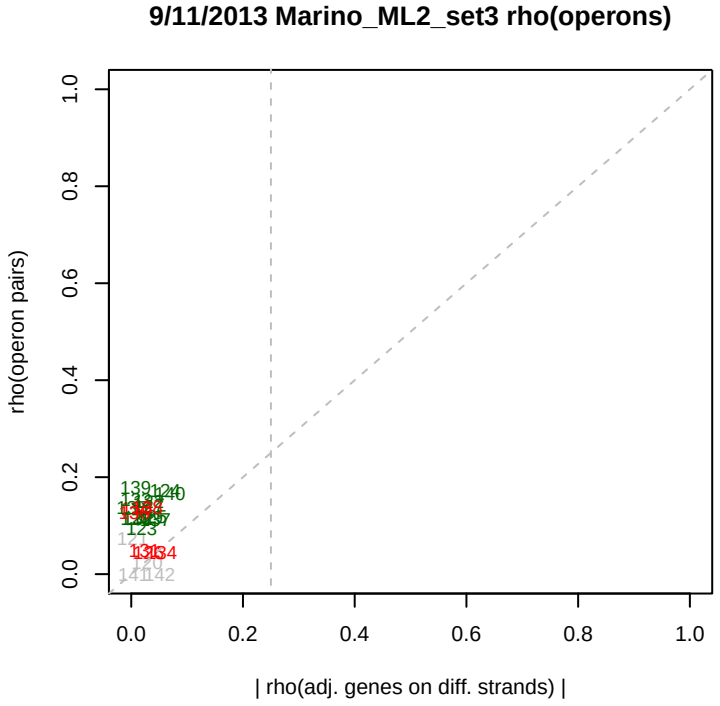

9/10/2013 Marino_ML2_set3 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0

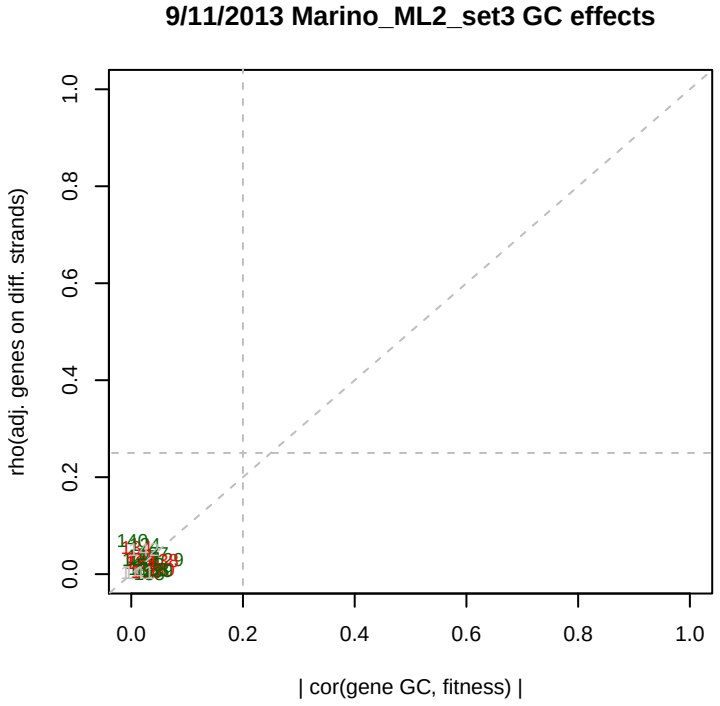

9/10/2013 Marino_ML2_set3 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0


9/10/2013 Marino_ML2_set3 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0

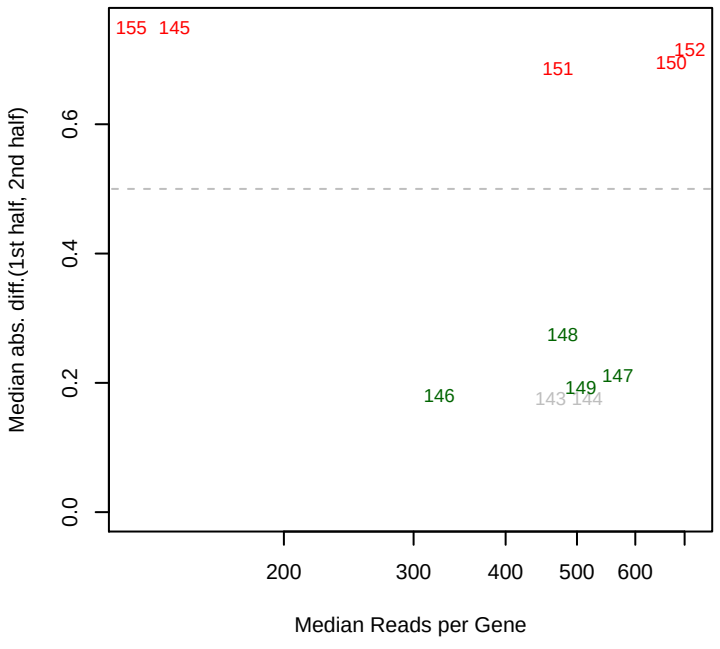

9/11/2013 Marino_ML2_set3 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
100
200
300
400
500
600
134
122
123
131
124
125
133
126
140
120
121
135
138
128


9/11/2013 Marino_ML2_set3 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0
140
132
131
126
134
138
142
141

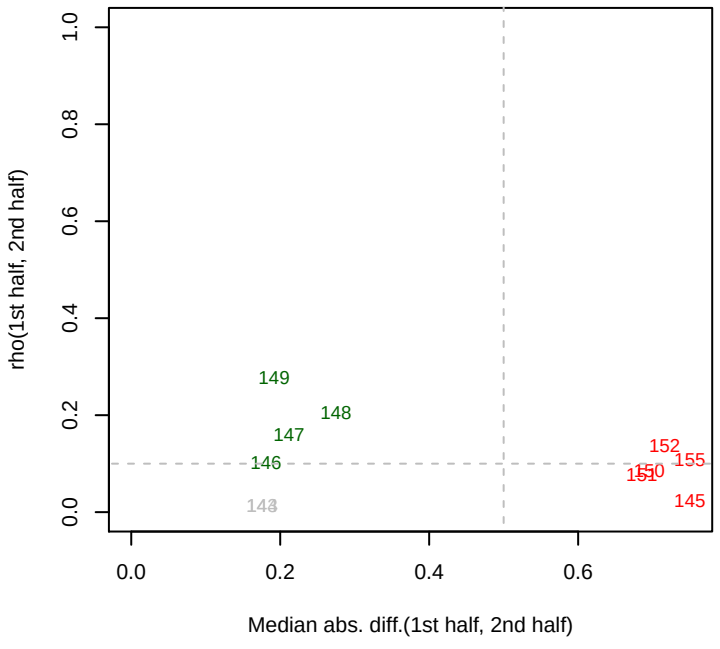

9/11/2013 Marino_ML2_set3 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0
139
140
123
134
142


9/11/2013 Marino_ML2_set3 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0
140

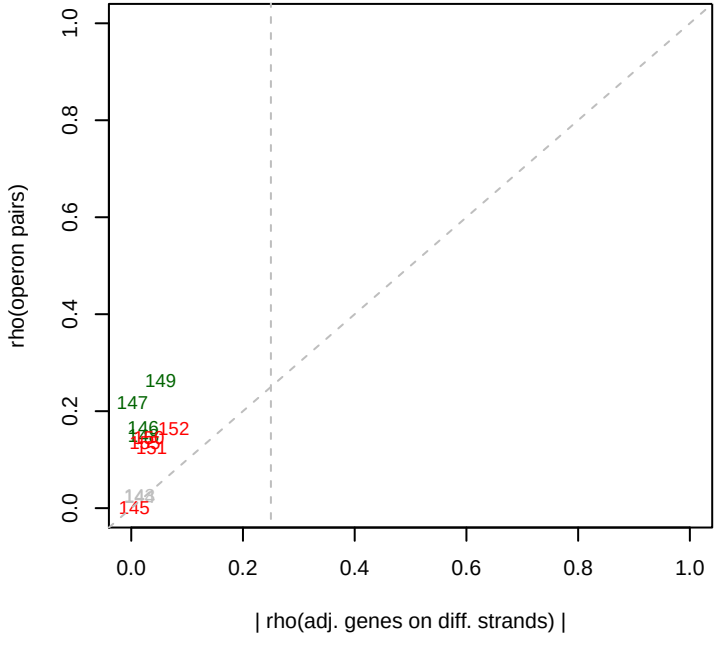
9/12/2013 Marino_Dino_extra_set mad12



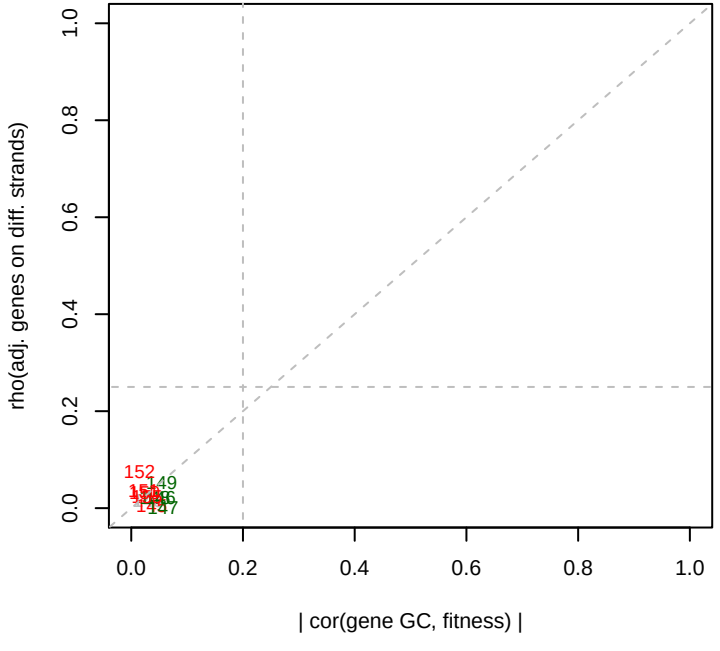
9/12/2013 Marino_Dino_extra_set rho12



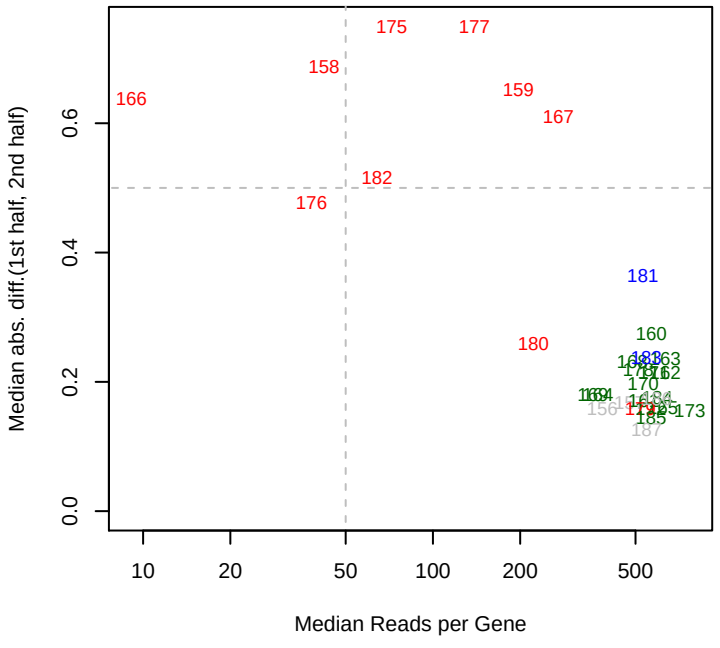
9/12/2013 Marino_Dino_extra_set rho(operons)



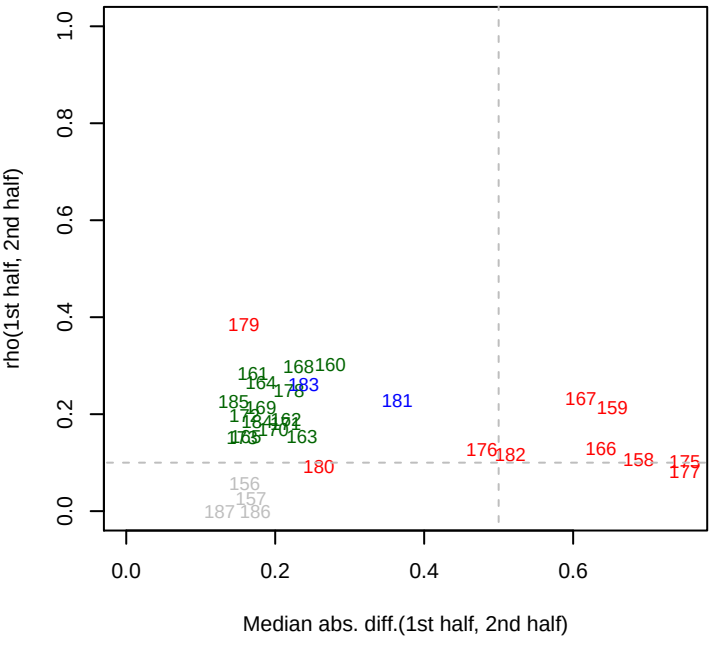
9/12/2013 Marino_Dino_extra_set GC effects



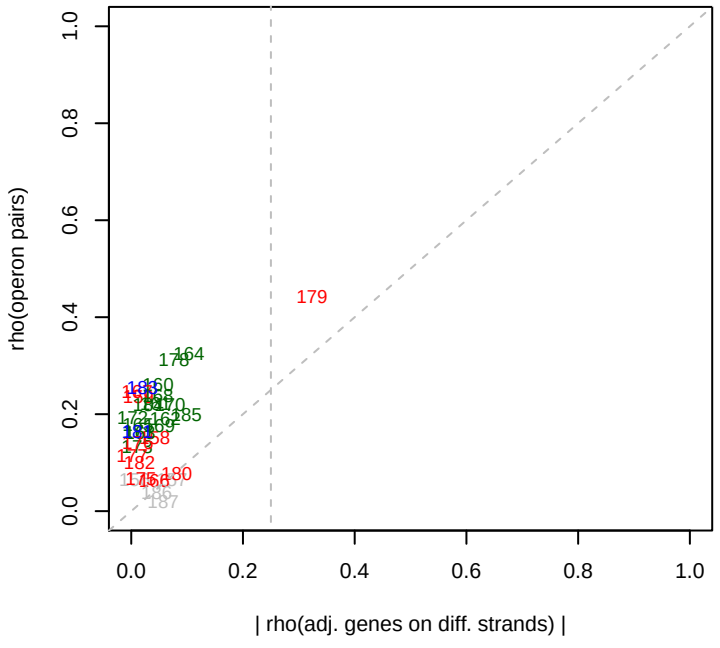
10/23/2013 Marino_ML2_set4 mad12



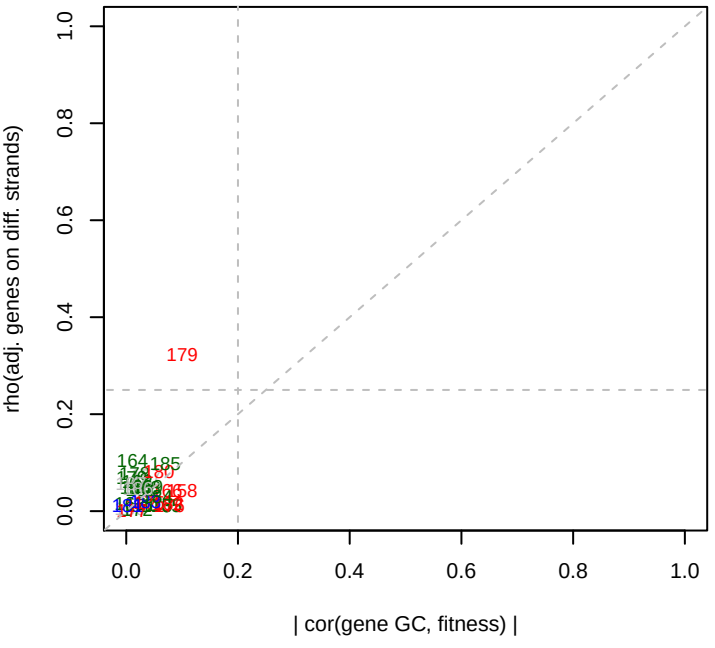
10/23/2013 Marino_ML2_set4 rho12

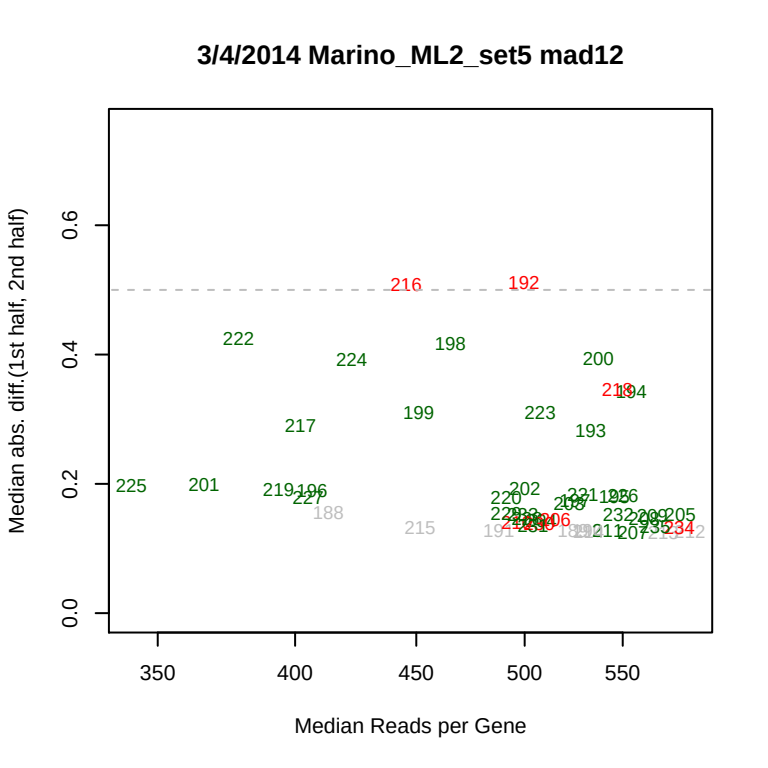


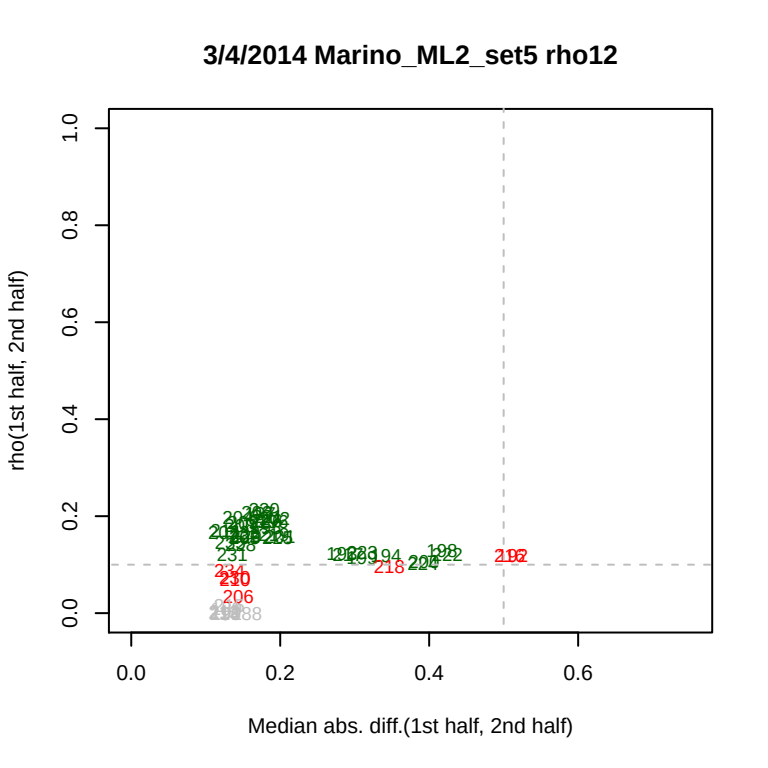
10/23/2013 Marino_ML2_set4 rho(operons)

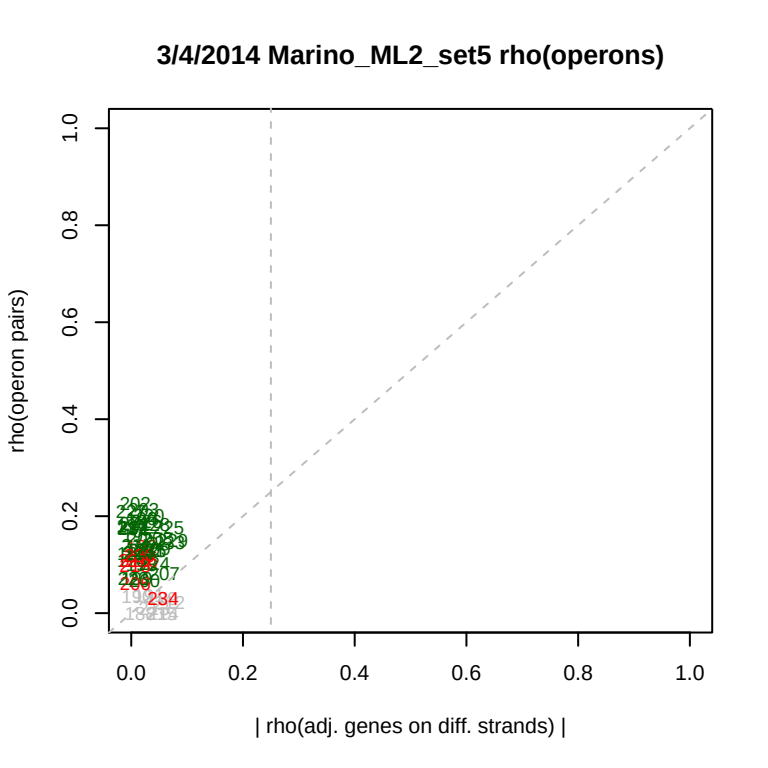


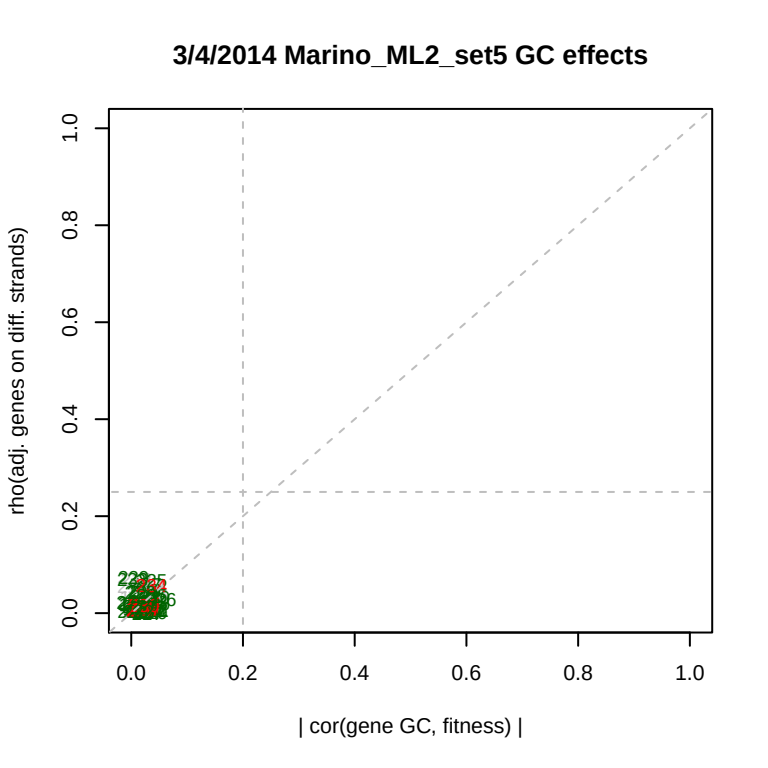
10/23/2013 Marino_ML2_set4 GC effects

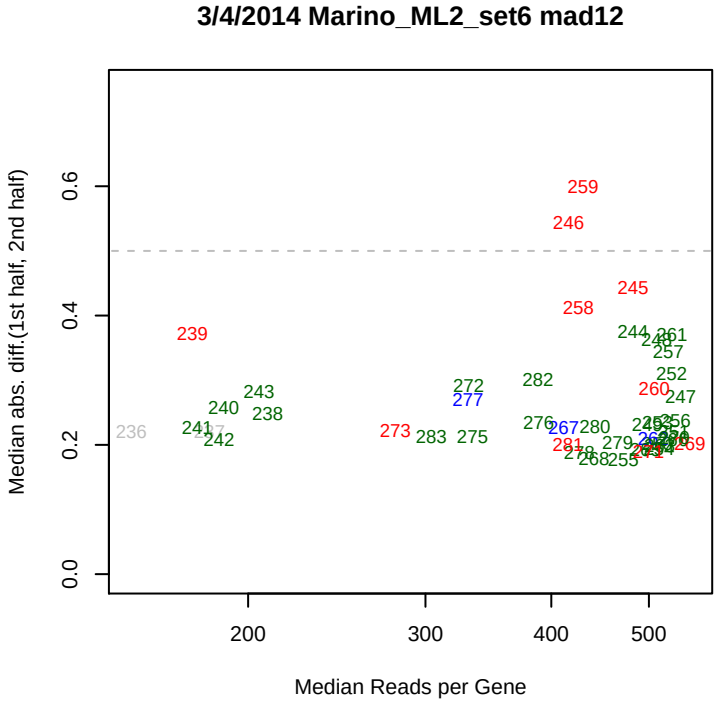


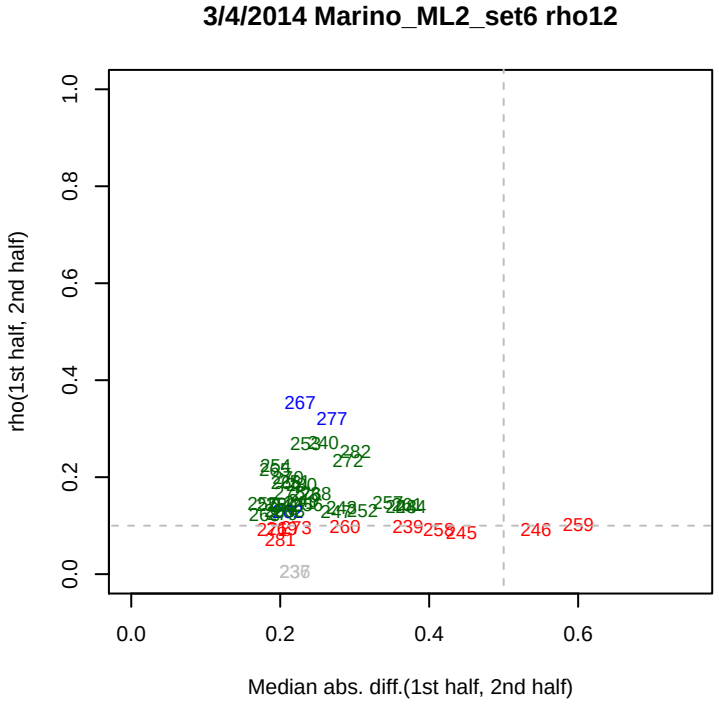

3/4/2014 Marino_ML2_set5 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
350
400
450
500
550

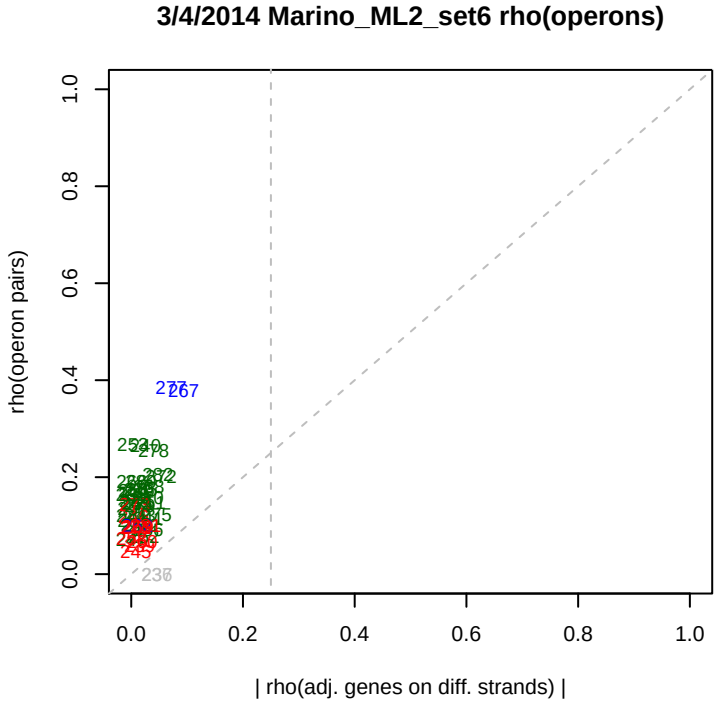

3/4/2014 Marino_ML2_set5 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0

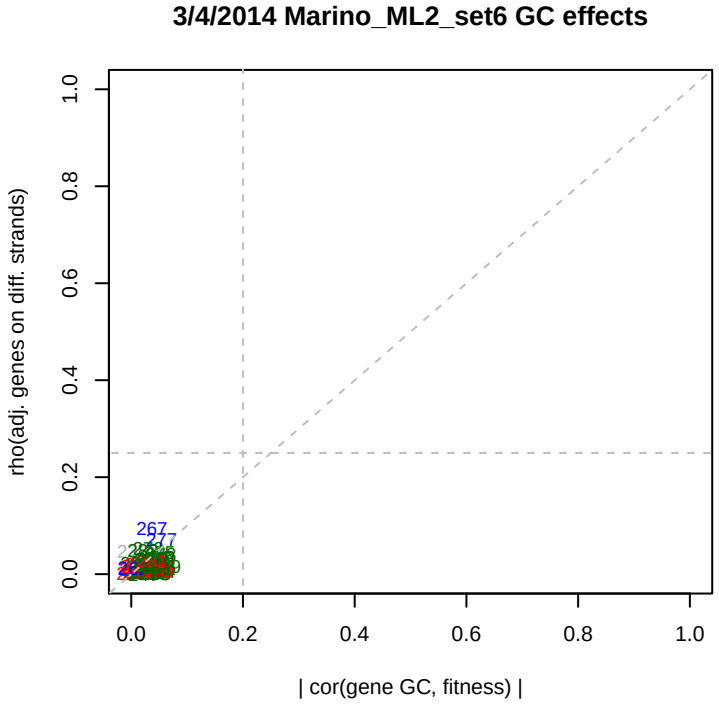

3/4/2014 Marino_ML2_set5 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0

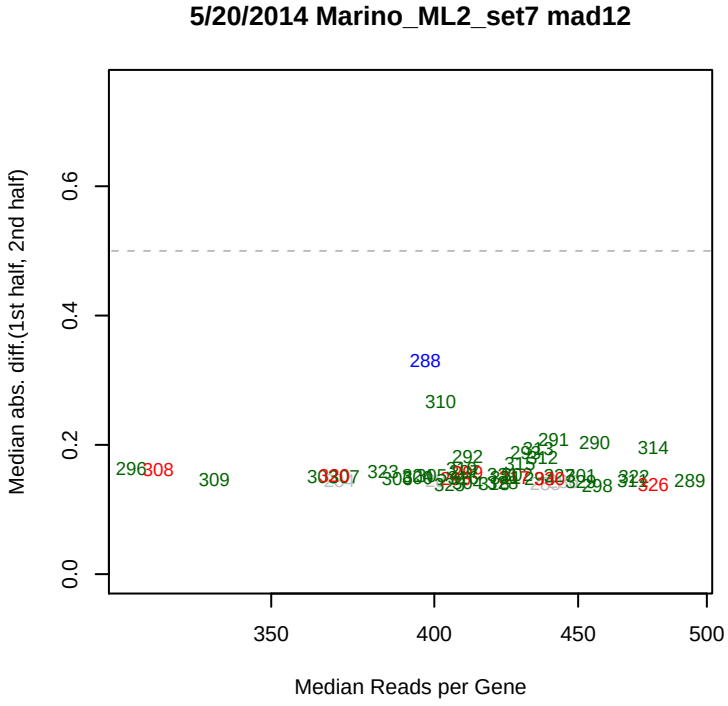

3/4/2014 Marino_ML2_set5 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0

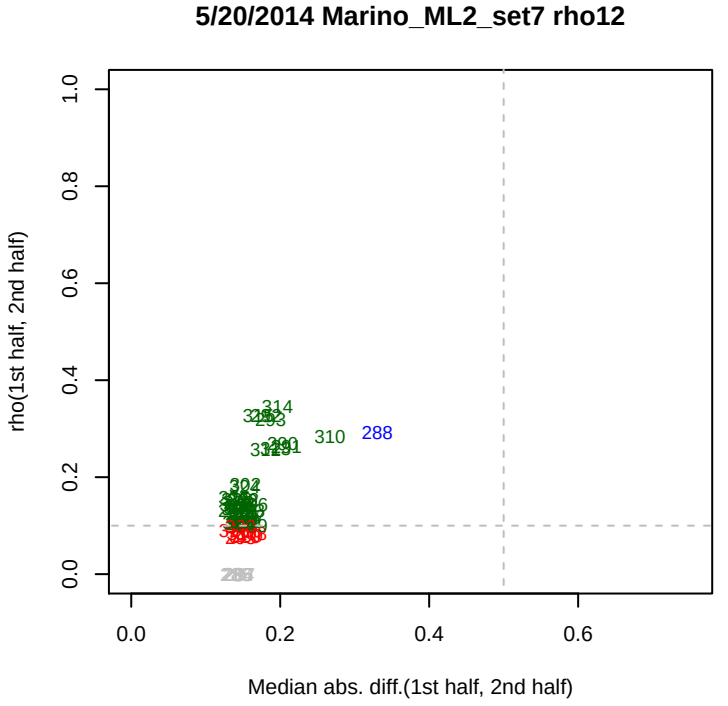

3/4/2014 Marino_ML2_set6 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
200
300
400
500
259
246
245
258
239
244
261
257
252
260
247
243
240
238
272
277
282
241
242
236
273
283
275
276
267
280
281
279
255
269

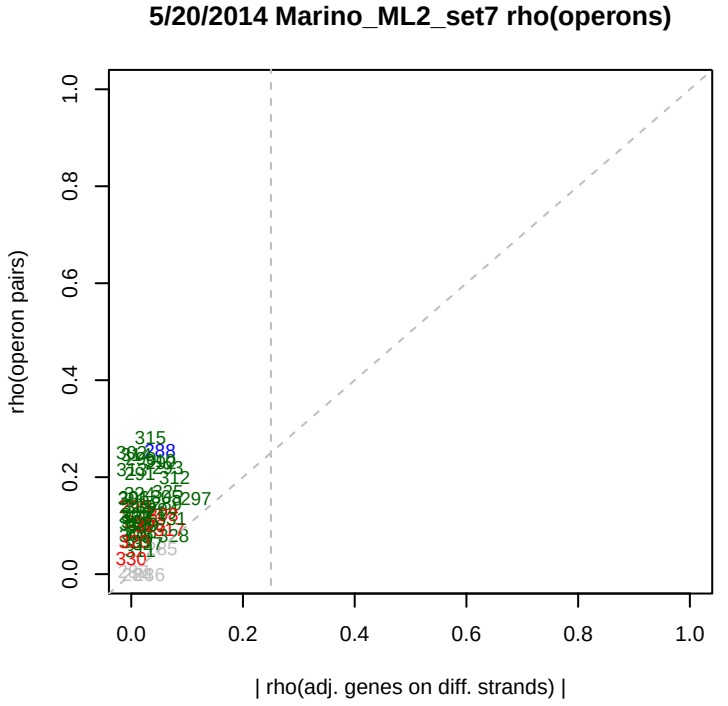

3/4/2014 Marino_ML2_set6 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0
267
277
254
240
282
272
260
239
258
245
246
259
281
236

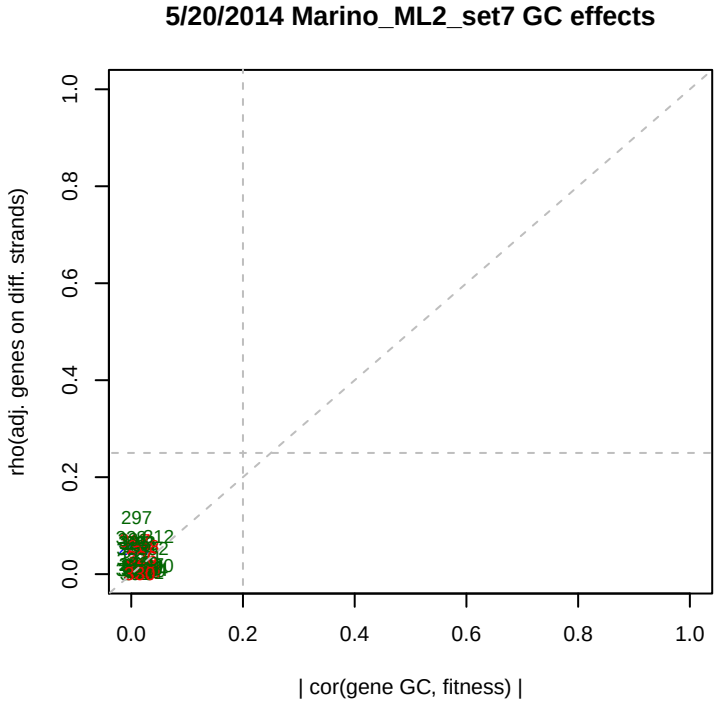

3/4/2014 Marino_ML2_set6 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0
277
267
278
245
236

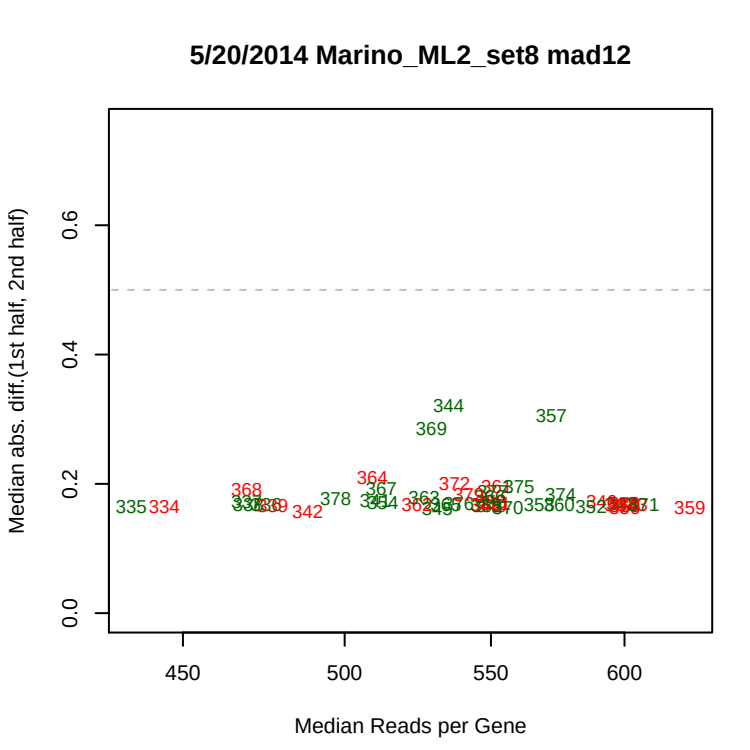

3/4/2014 Marino_ML2_set6 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0
267
277

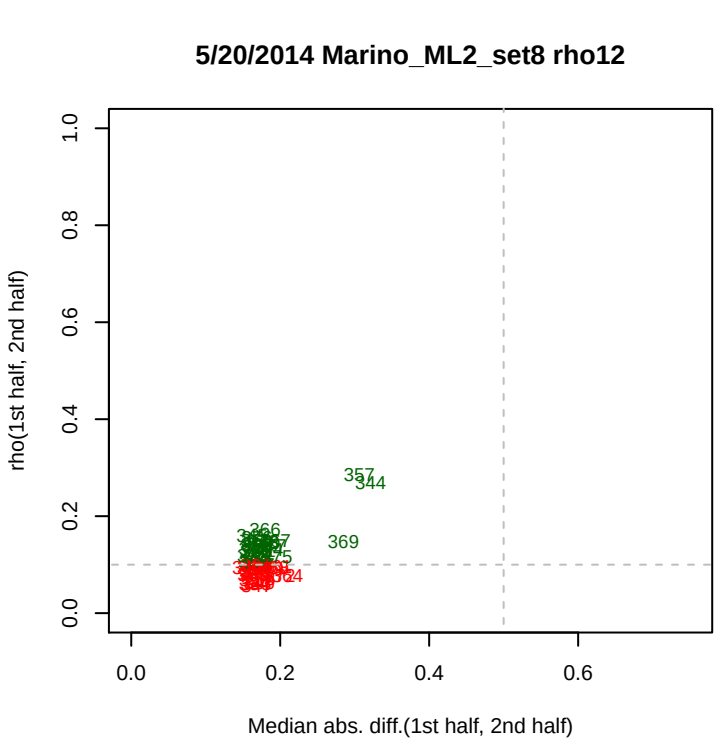

5/20/2014 Marino_ML2_set7 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
350
400
450
500
288
310
291
290
314
296
308
309
292
289

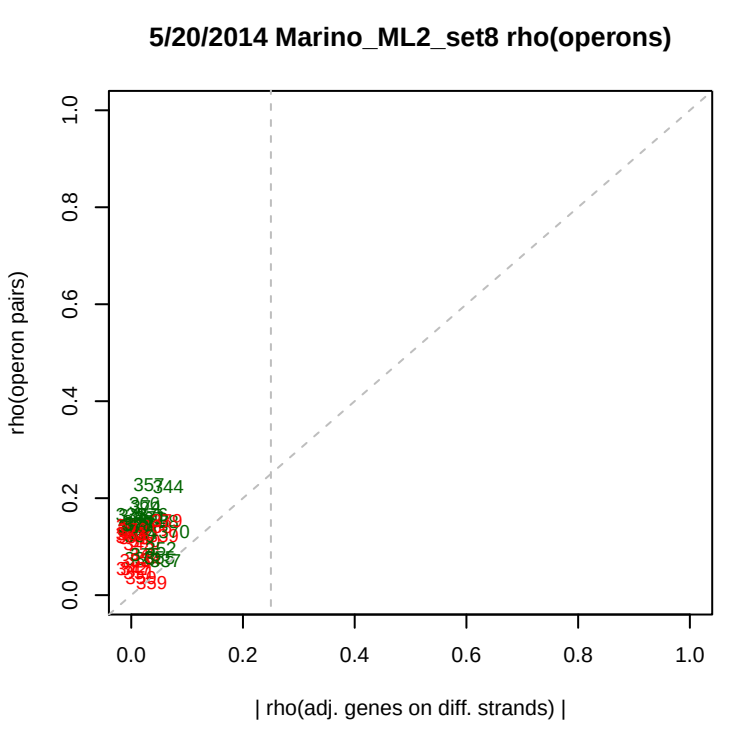

5/20/2014 Marino_ML2_set7 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0
314
310
288

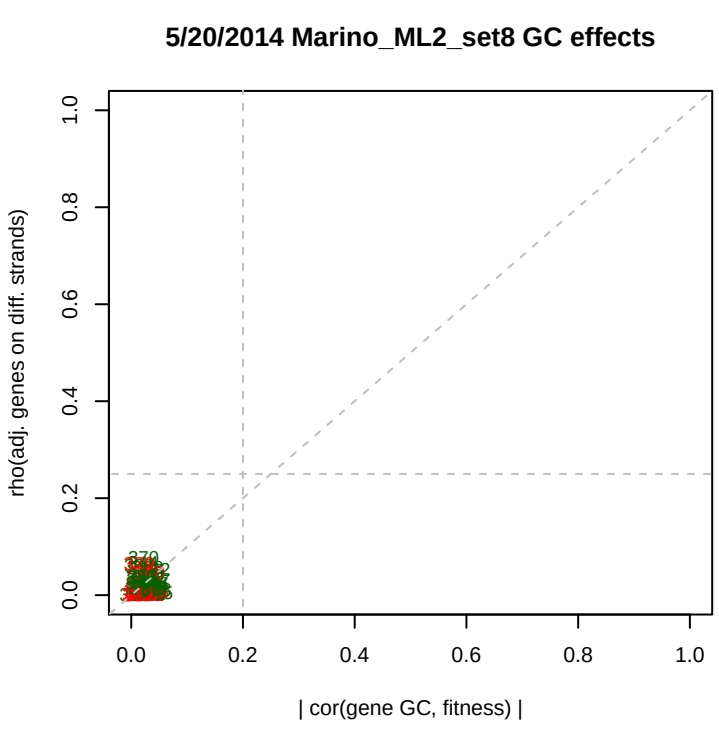

5/20/2014 Marino_ML2_set7 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0
315
312
297

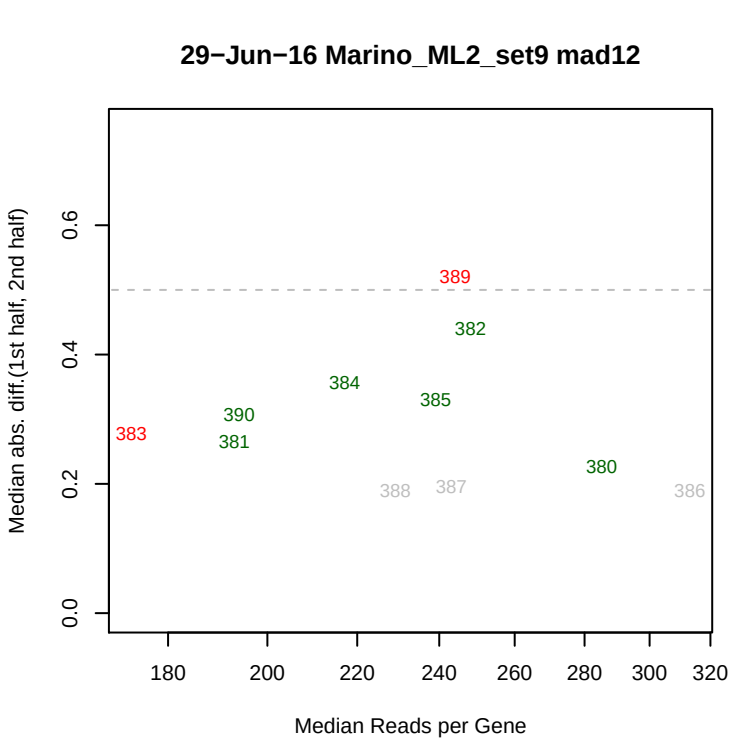

5/20/2014 Marino_ML2_set7 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0
297
312

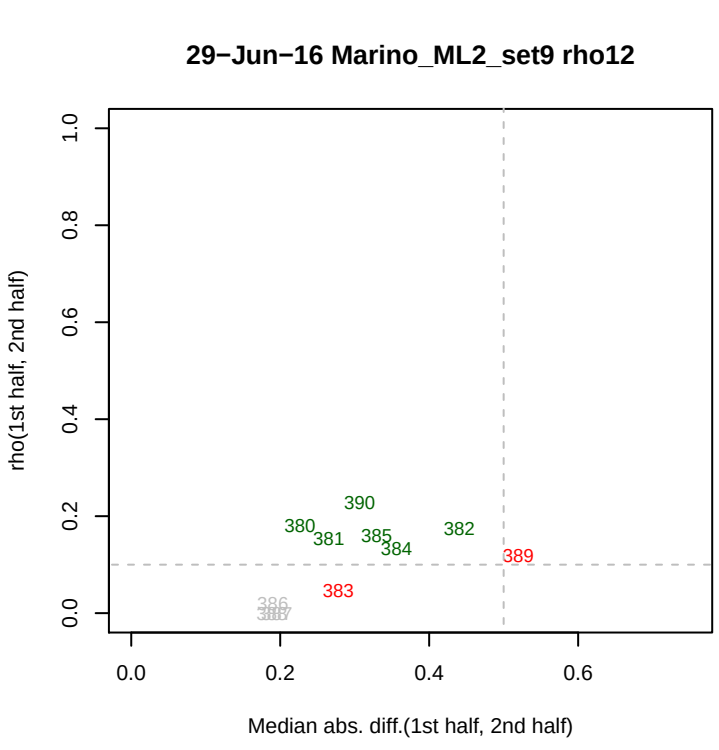

5/20/2014 Marino_ML2_set8 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
450
500
550
600

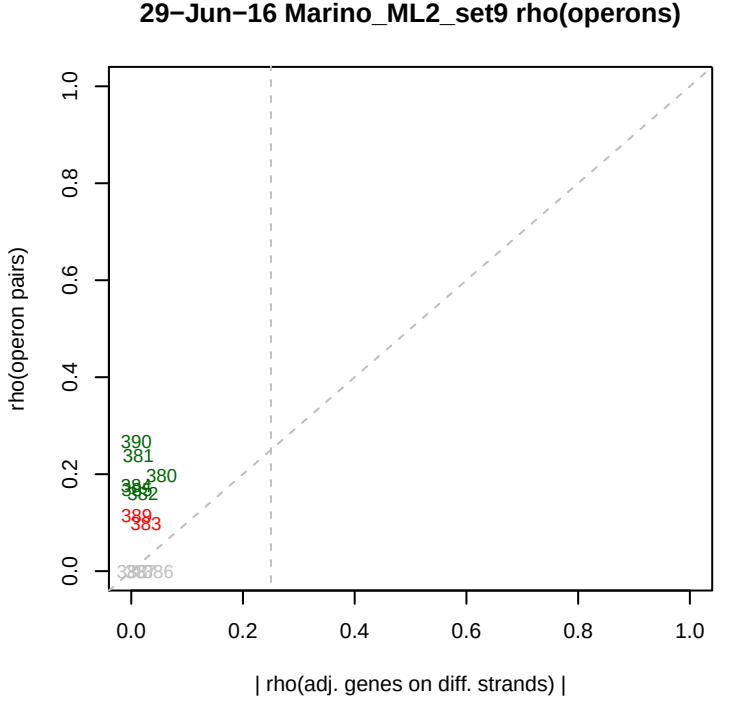

5/20/2014 Marino_ML2_set8 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0

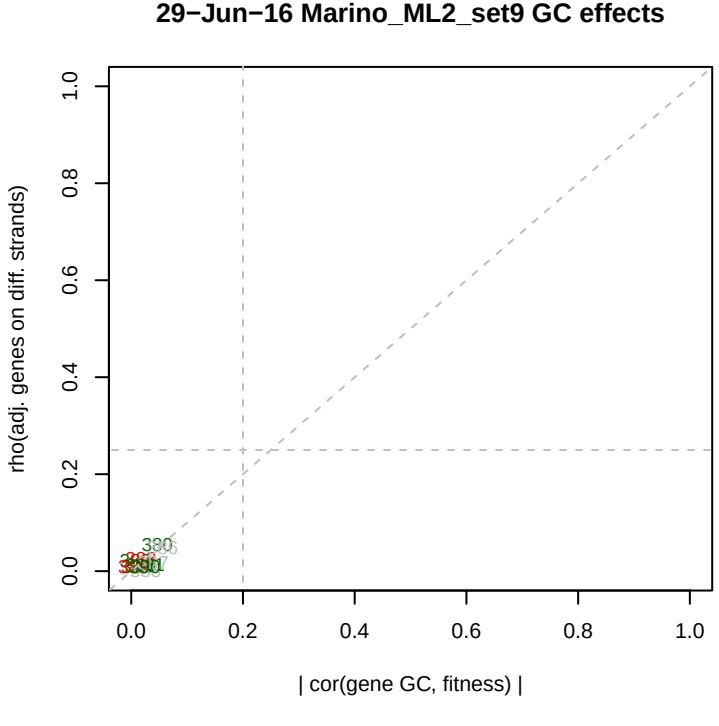

5/20/2014 Marino_ML2_set8 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0


5/20/2014 Marino_ML2_set8 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0


29−Jun−16 Marino_ML2_set9 mad12
Median abs. diff.(1st half, 2nd half)
Median Reads per Gene
0.0
0.2
0.4
0.6
180
200
220
240
260
280
300
320
389
382
384
385
390
383
381
380
388
387
386


29−Jun−16 Marino_ML2_set9 rho12
rho(1st half, 2nd half)
Median abs. diff.(1st half, 2nd half)
0.0
0.2
0.4
0.6
0.8
1.0
390
380
381
385
382
384
389
383
386


29−Jun−16 Marino_ML2_set9 rho(operons)
rho(operon pairs)
| rho(adj. genes on diff. strands) |
0.0
0.2
0.4
0.6
0.8
1.0
390
381
380
382
383
386


29−Jun−16 Marino_ML2_set9 GC effects
rho(adj. genes on diff. strands)
| cor(gene GC, fitness) |
0.0
0.2
0.4
0.6
0.8
1.0
380