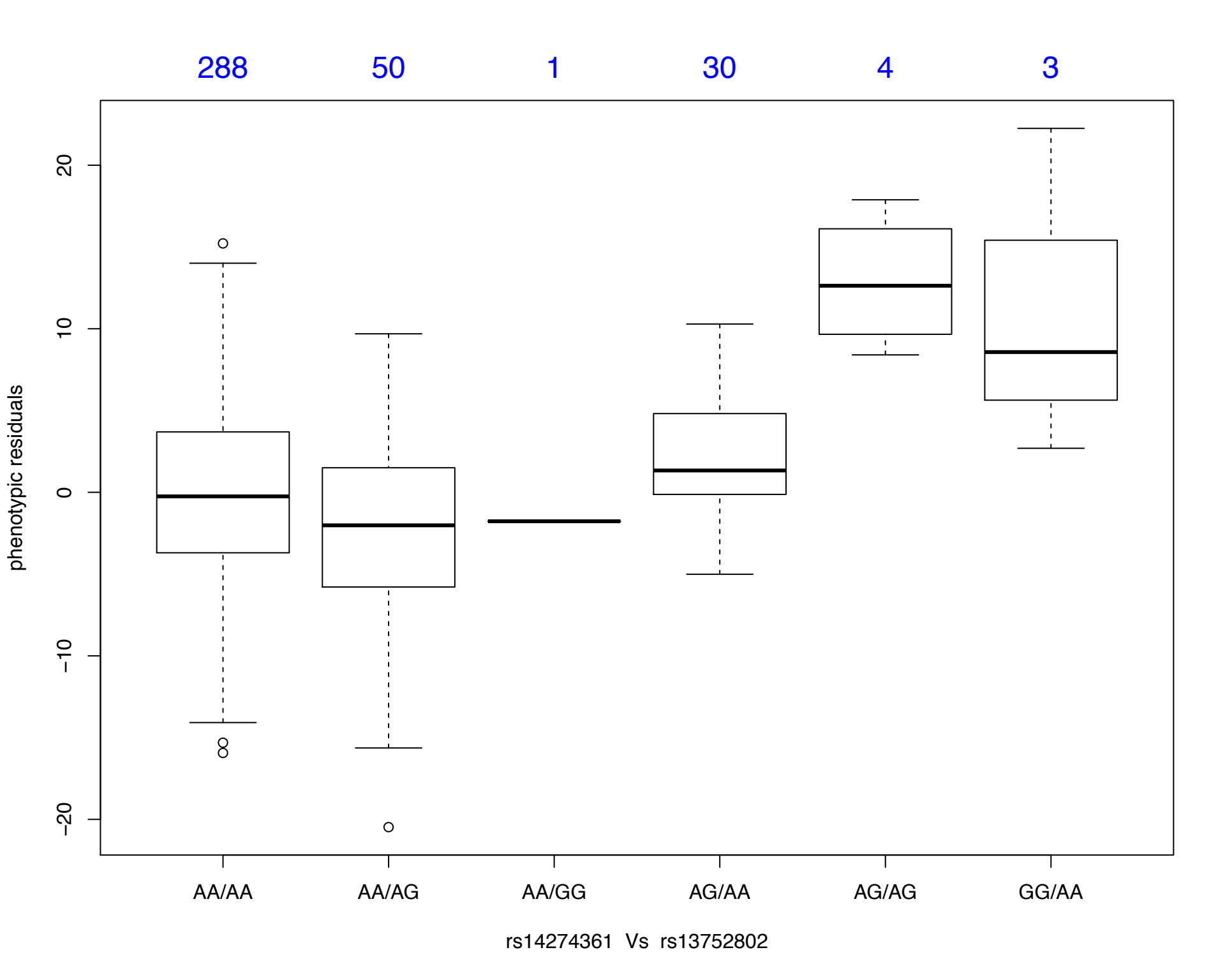
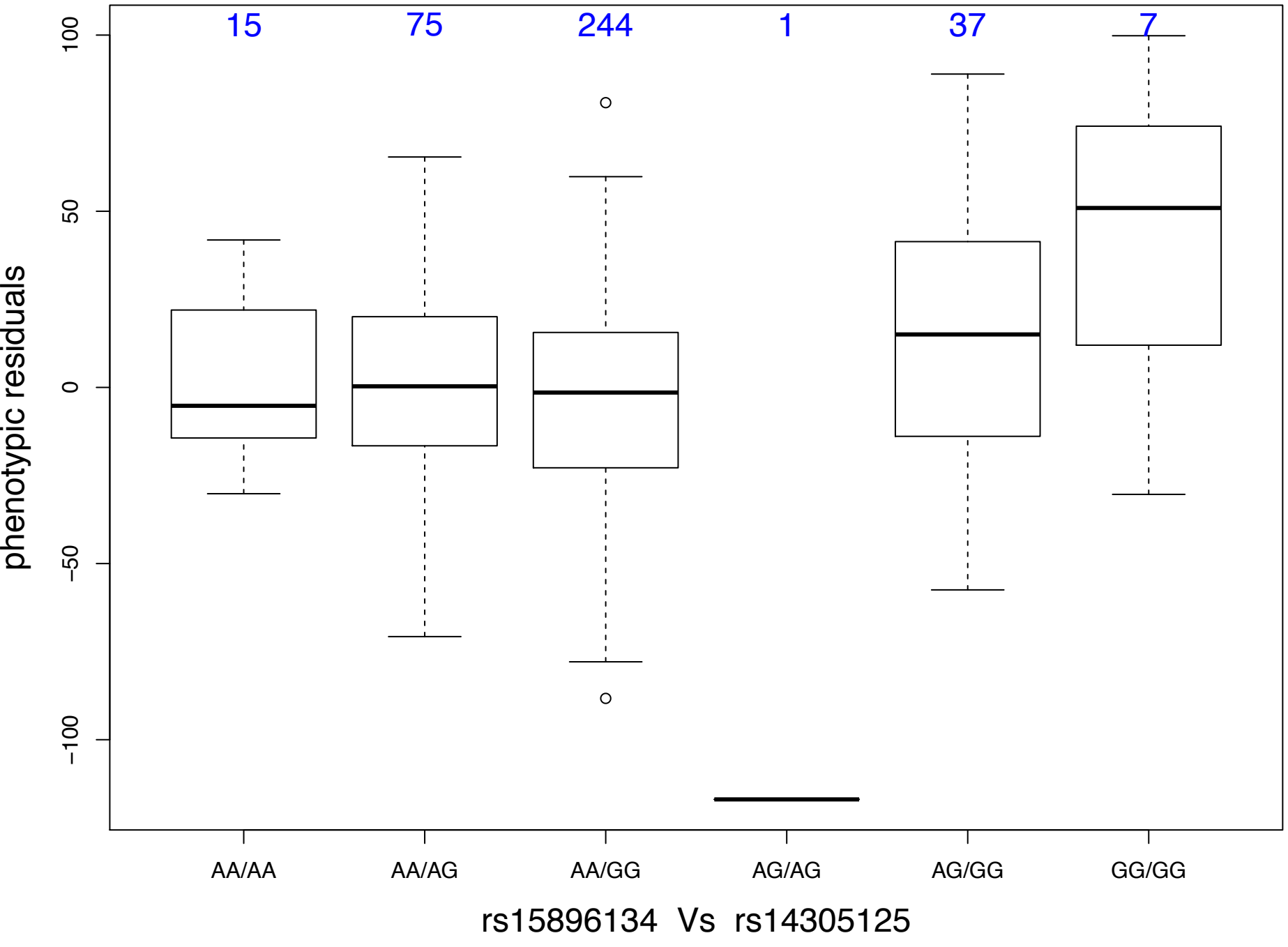
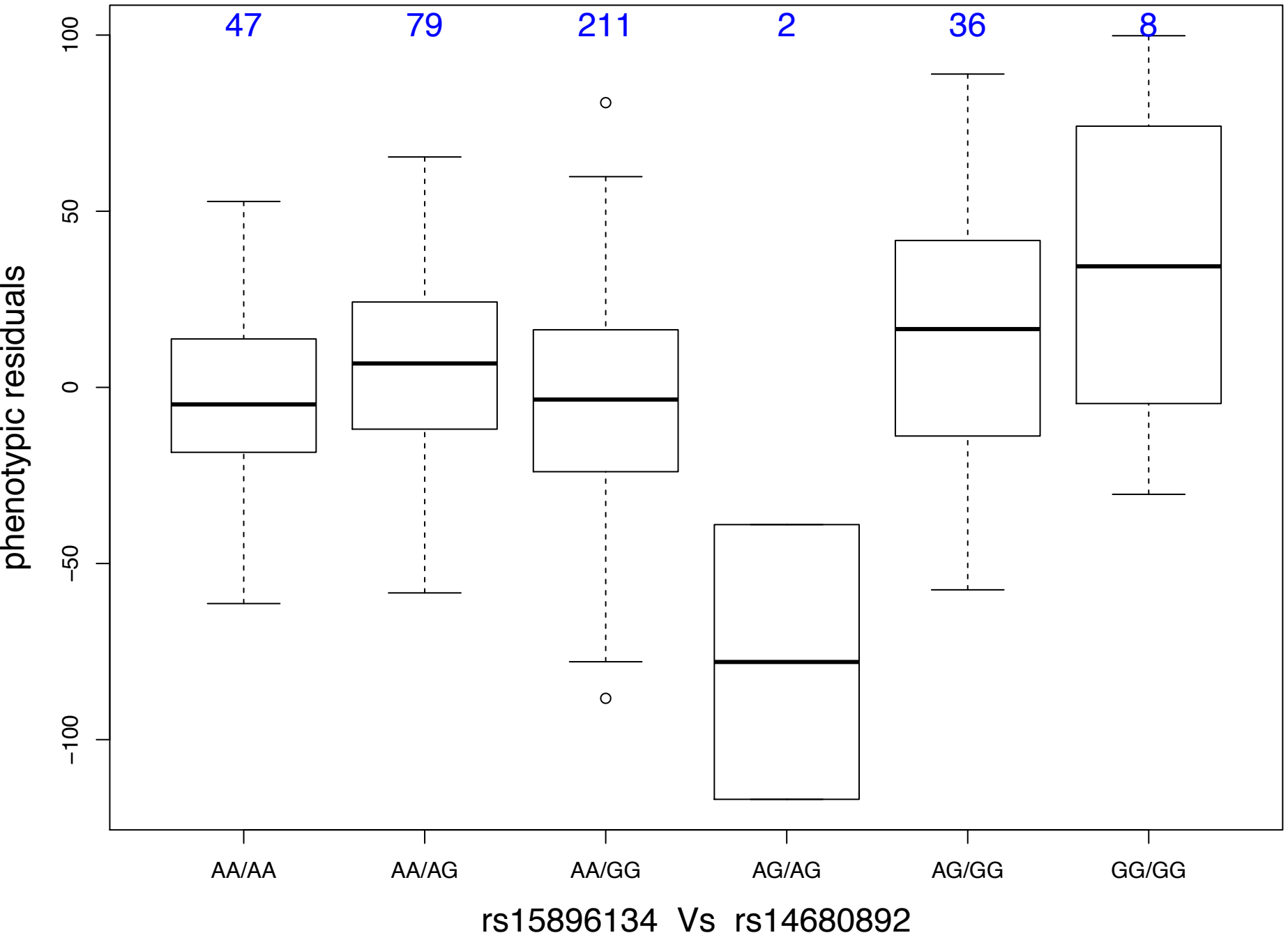
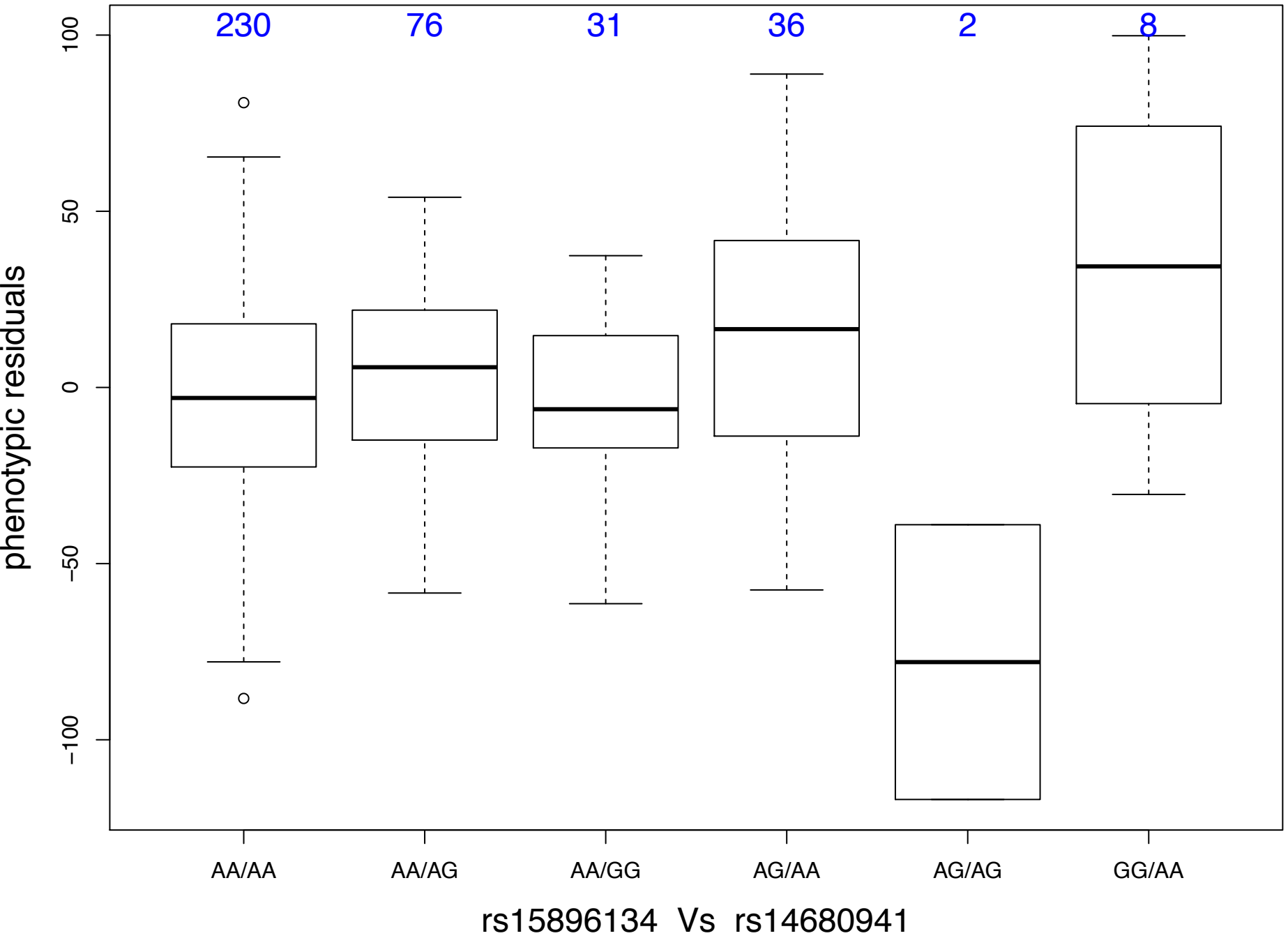
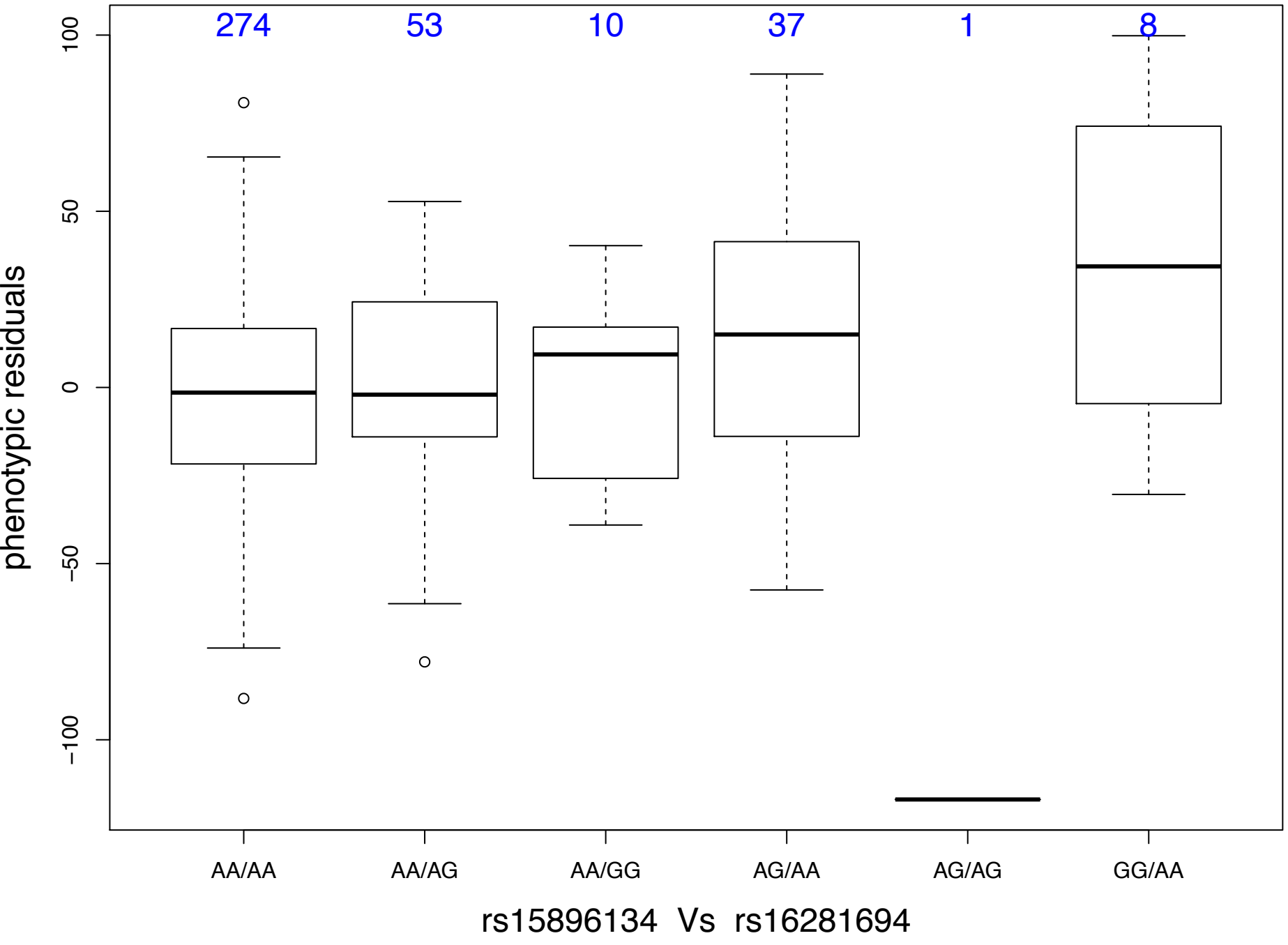
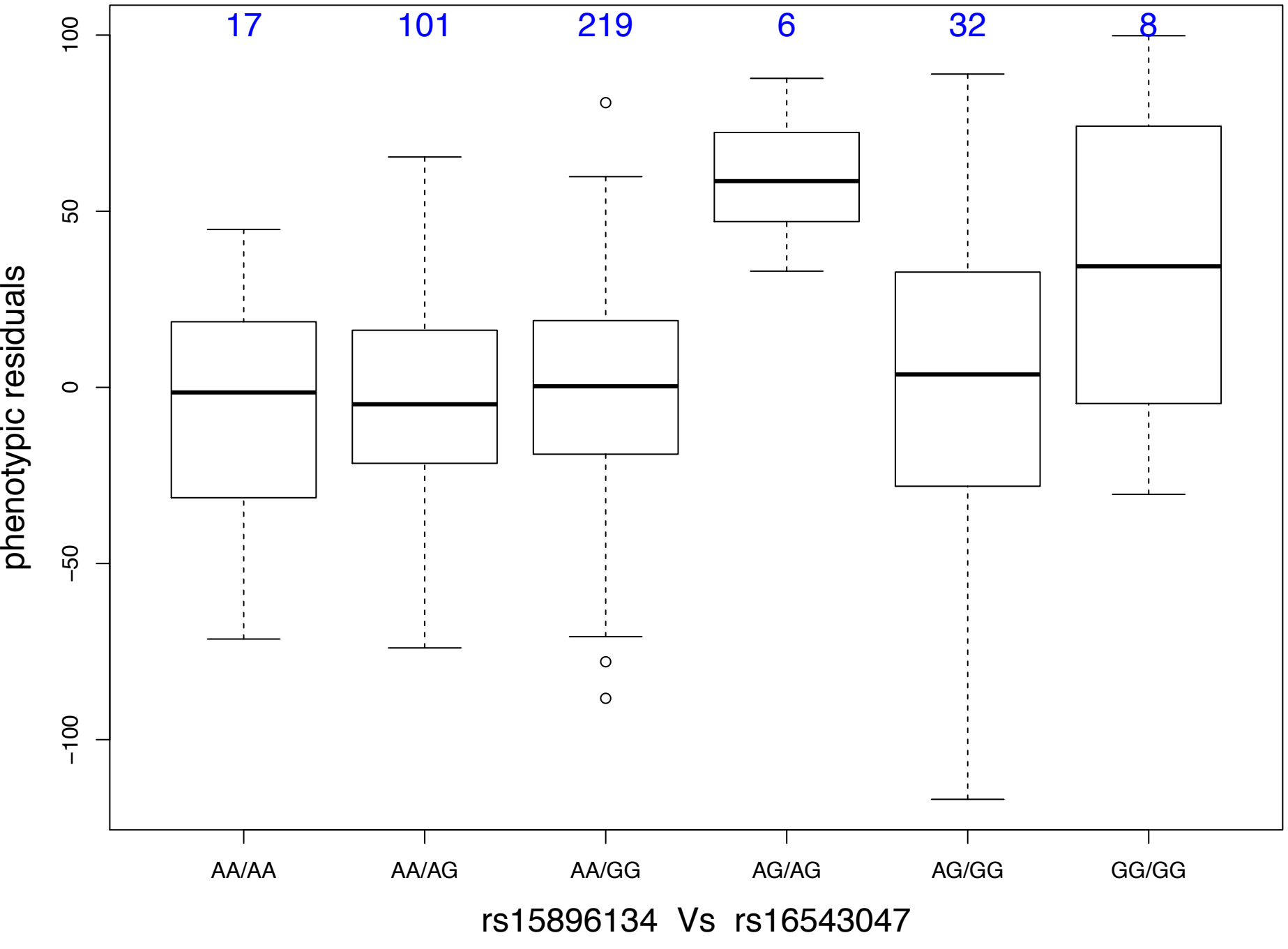

288
50
1
30
4
3
20
10
0
−10
−20
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AA
AG/AG
GG/AA
rs14274361 Vs rs13752802

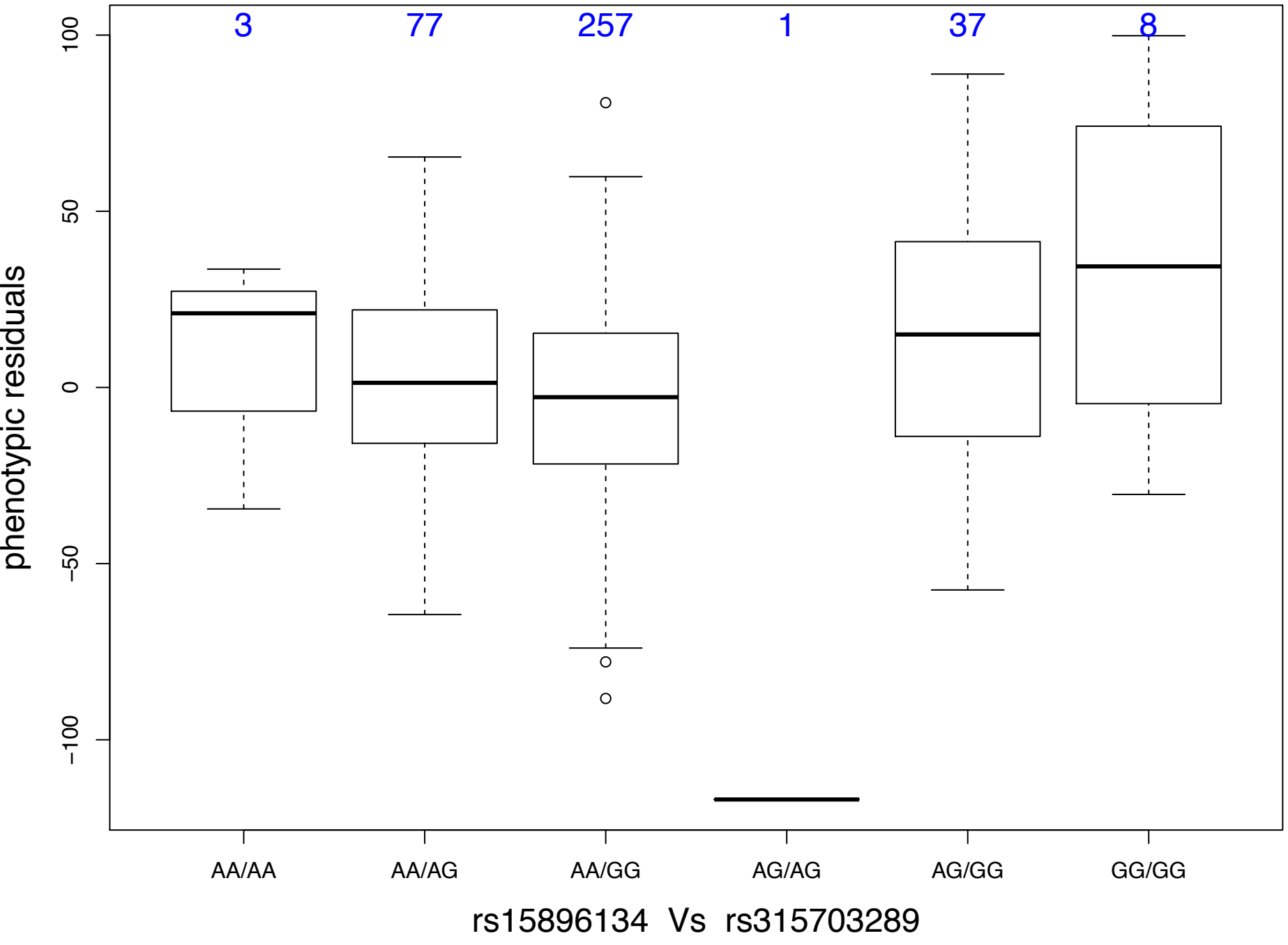

15
75
244
1
37
7
100
50
0
−50
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phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs14305125

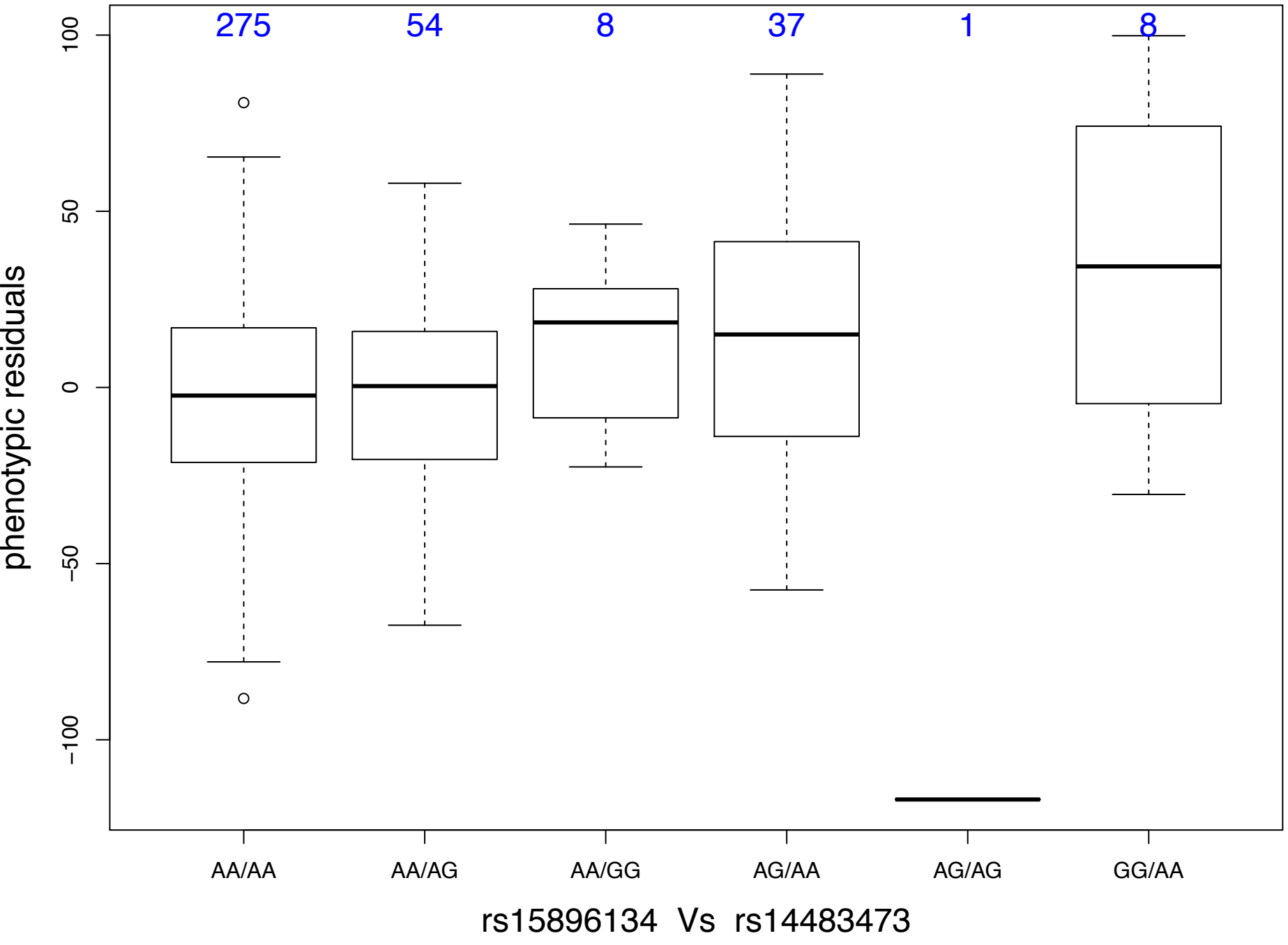

47
79
211
2
36
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs14680892

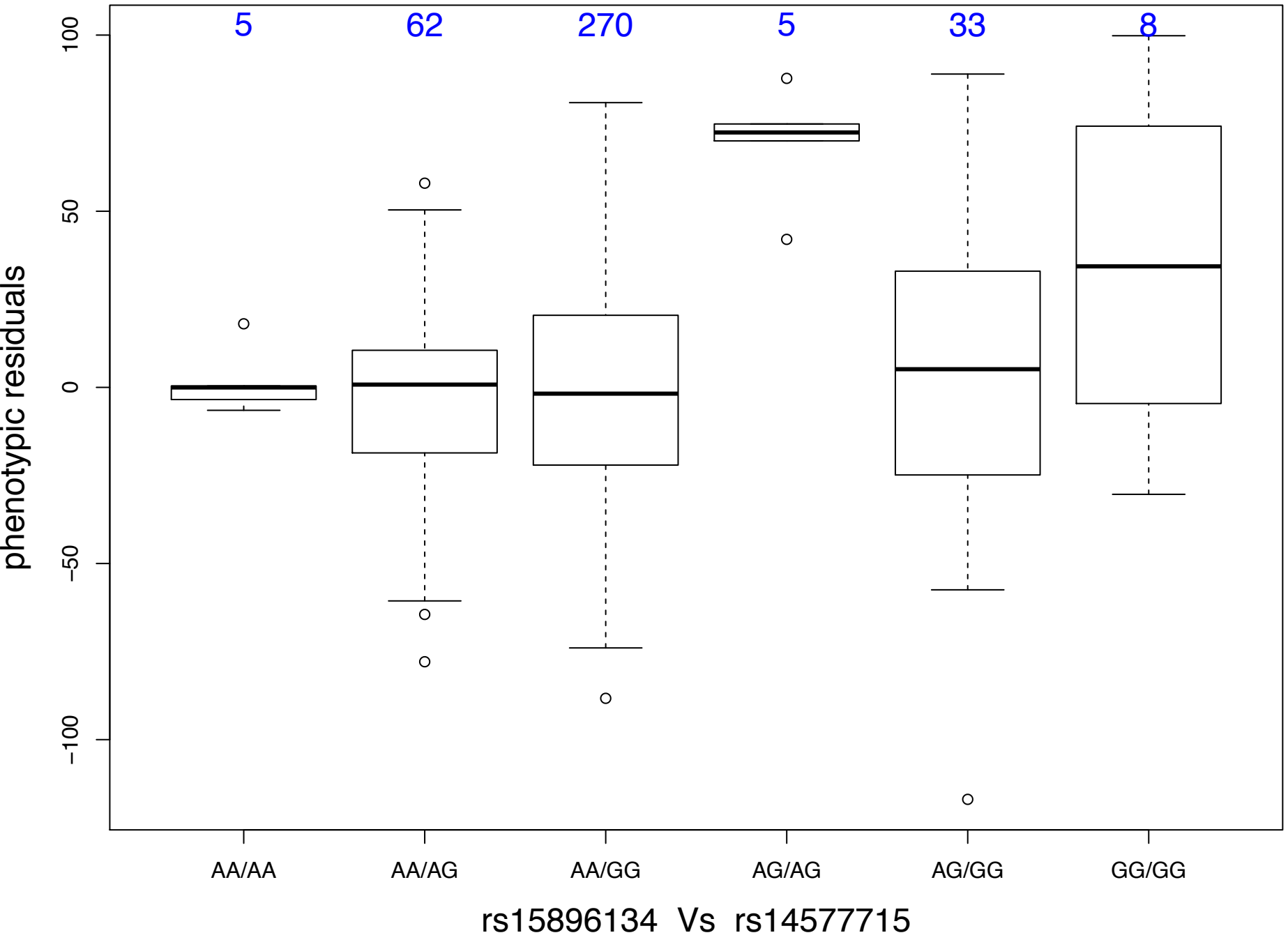

230
76
31
36
2
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AA
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GG/AA
rs15896134 Vs rs14680941

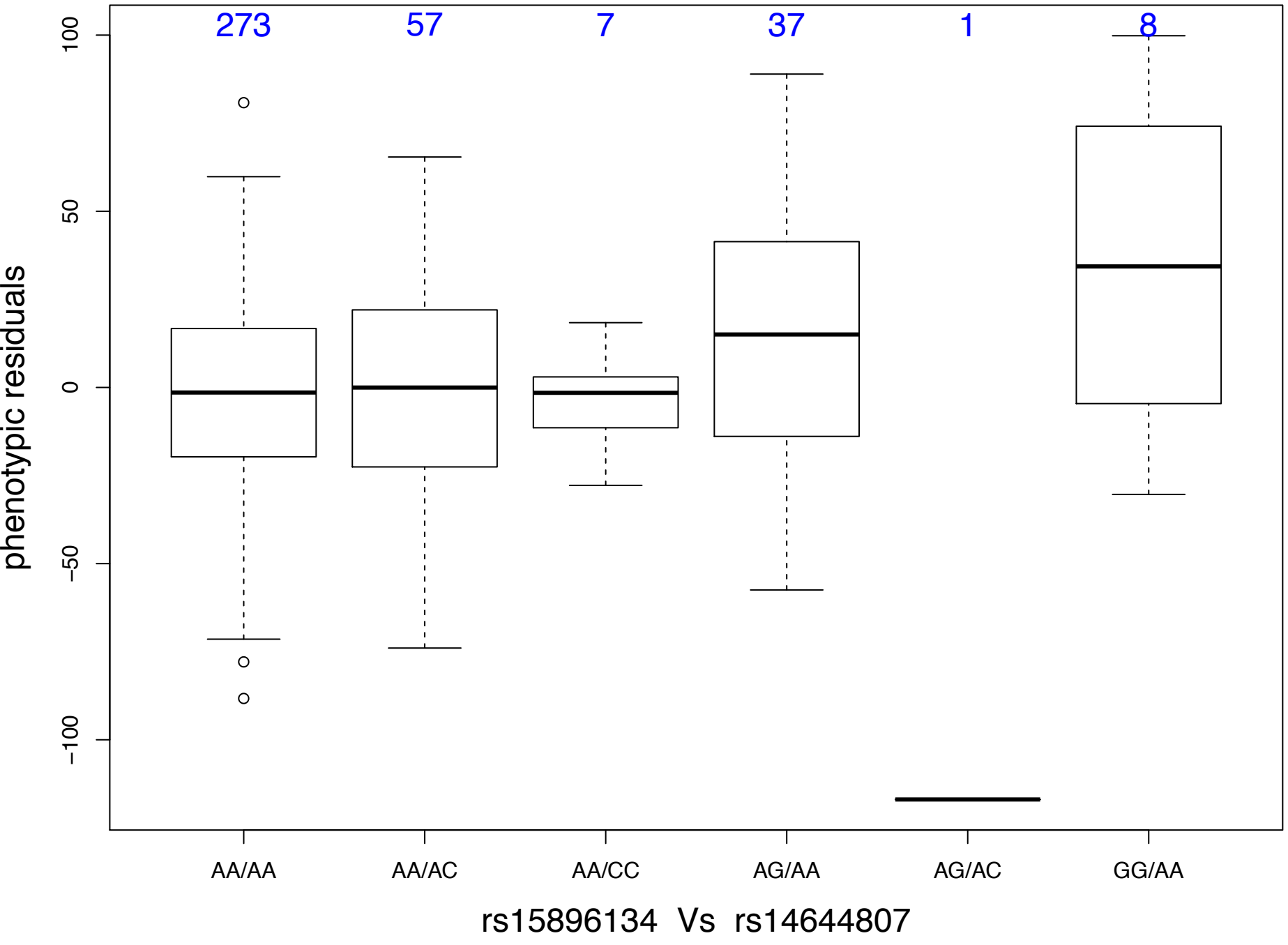

274
53
10
37
1
8
100
50
0
−50
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phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AA
AG/AG
GG/AA
rs15896134 Vs rs16281694

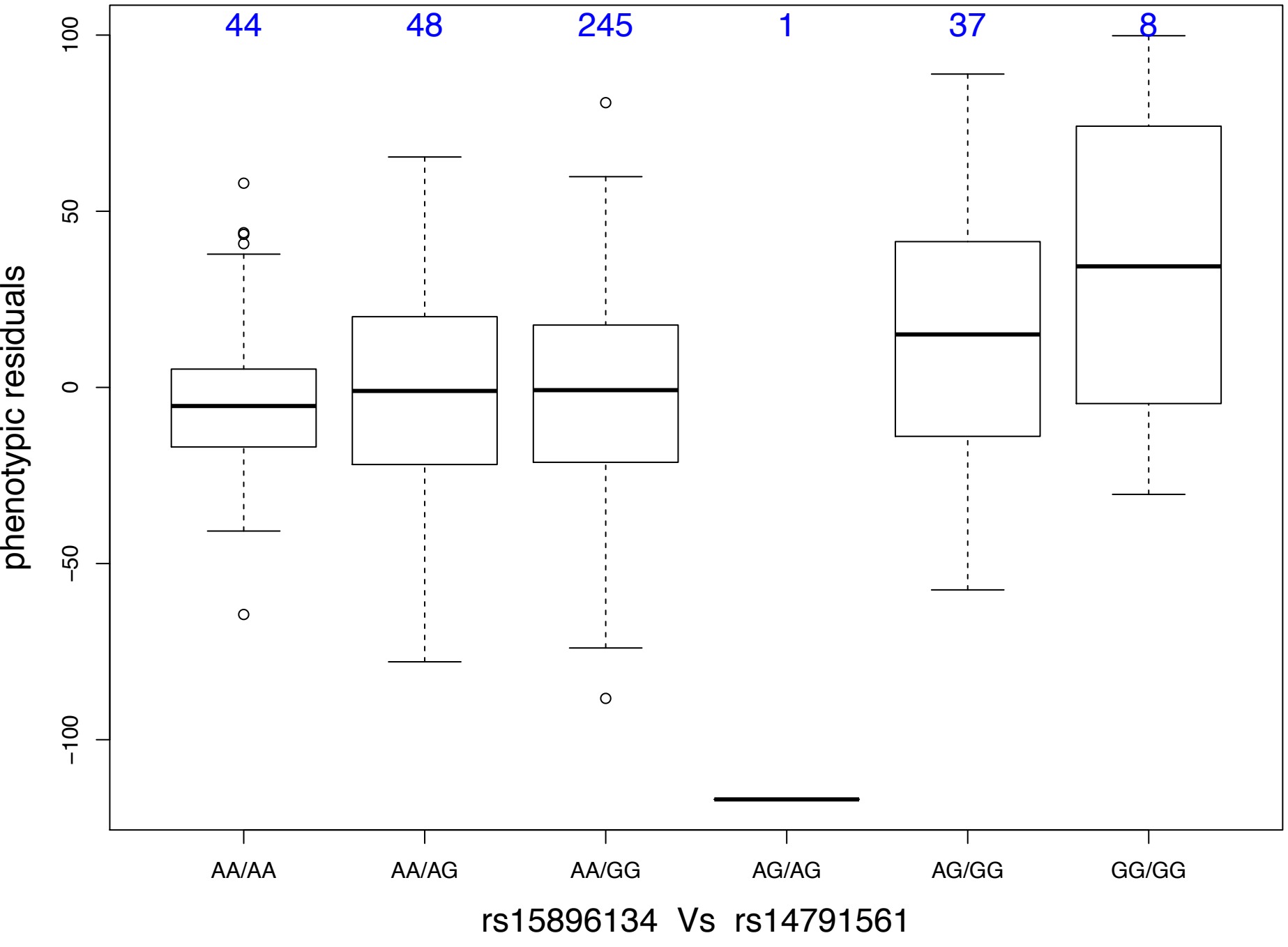

17
101
219
6
32
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs16543047

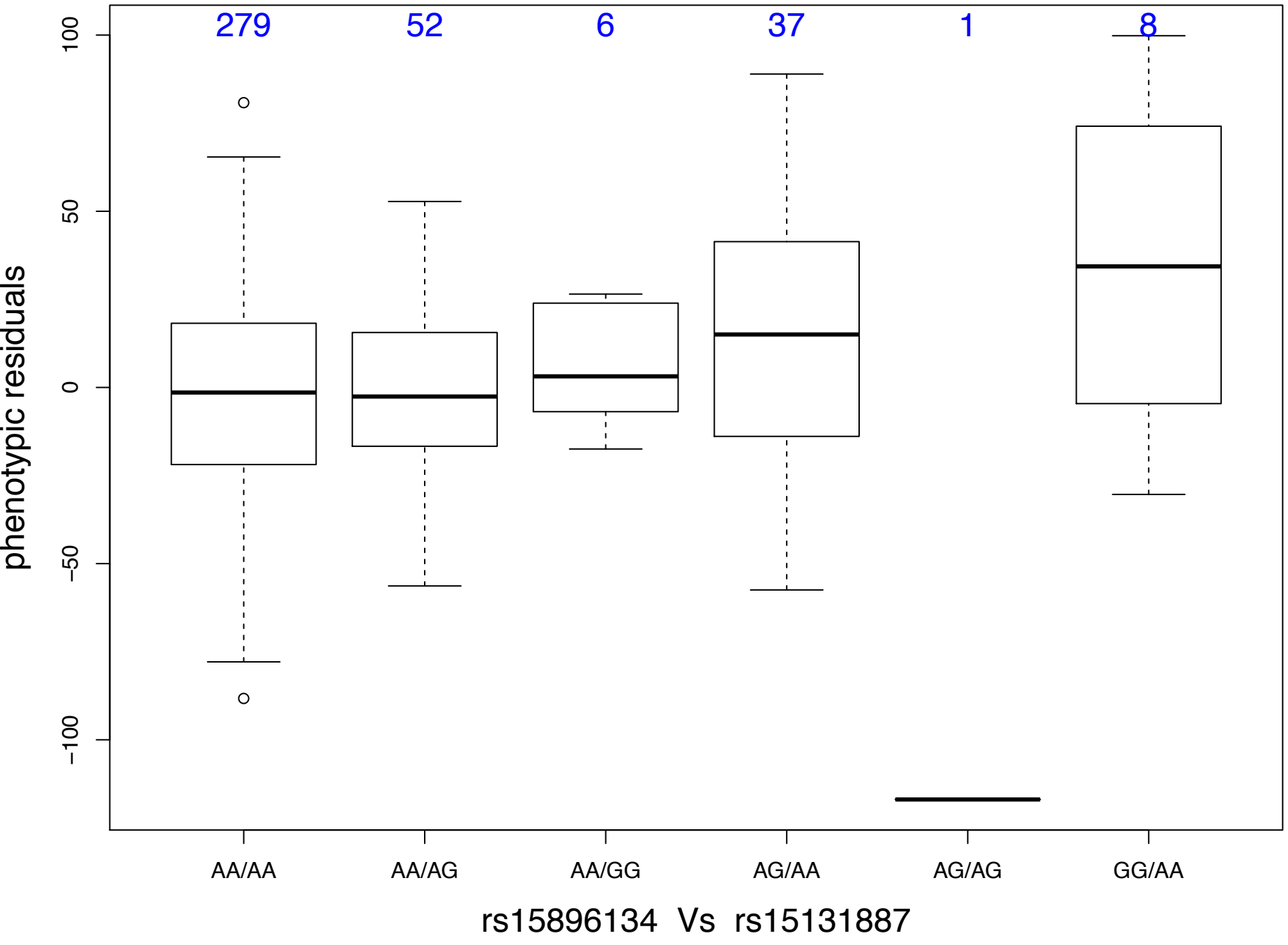

3
77
257
1
37
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs315703289

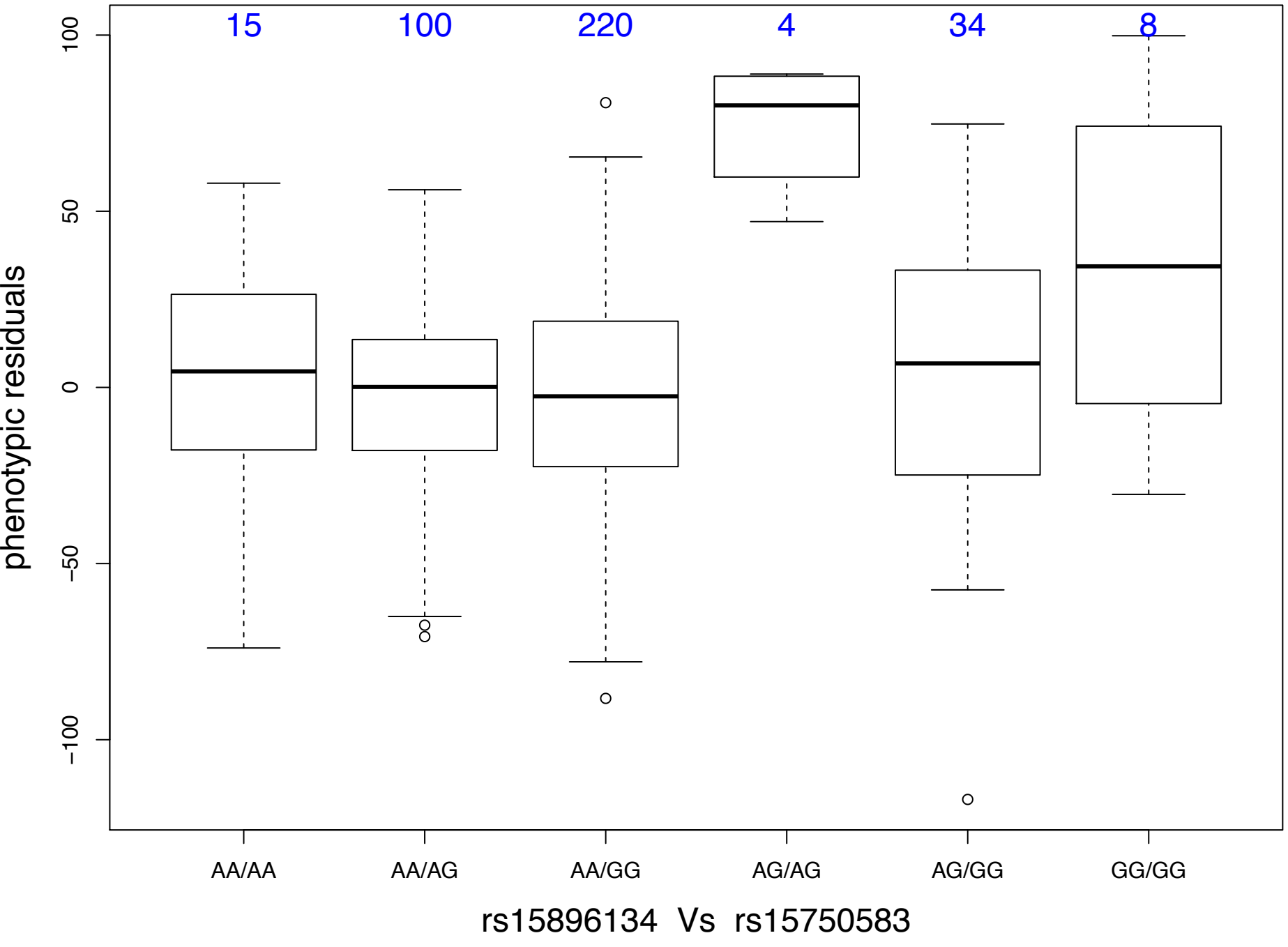

275
54
8
37
1
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AA
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GG/AA
rs15896134 Vs rs14483473

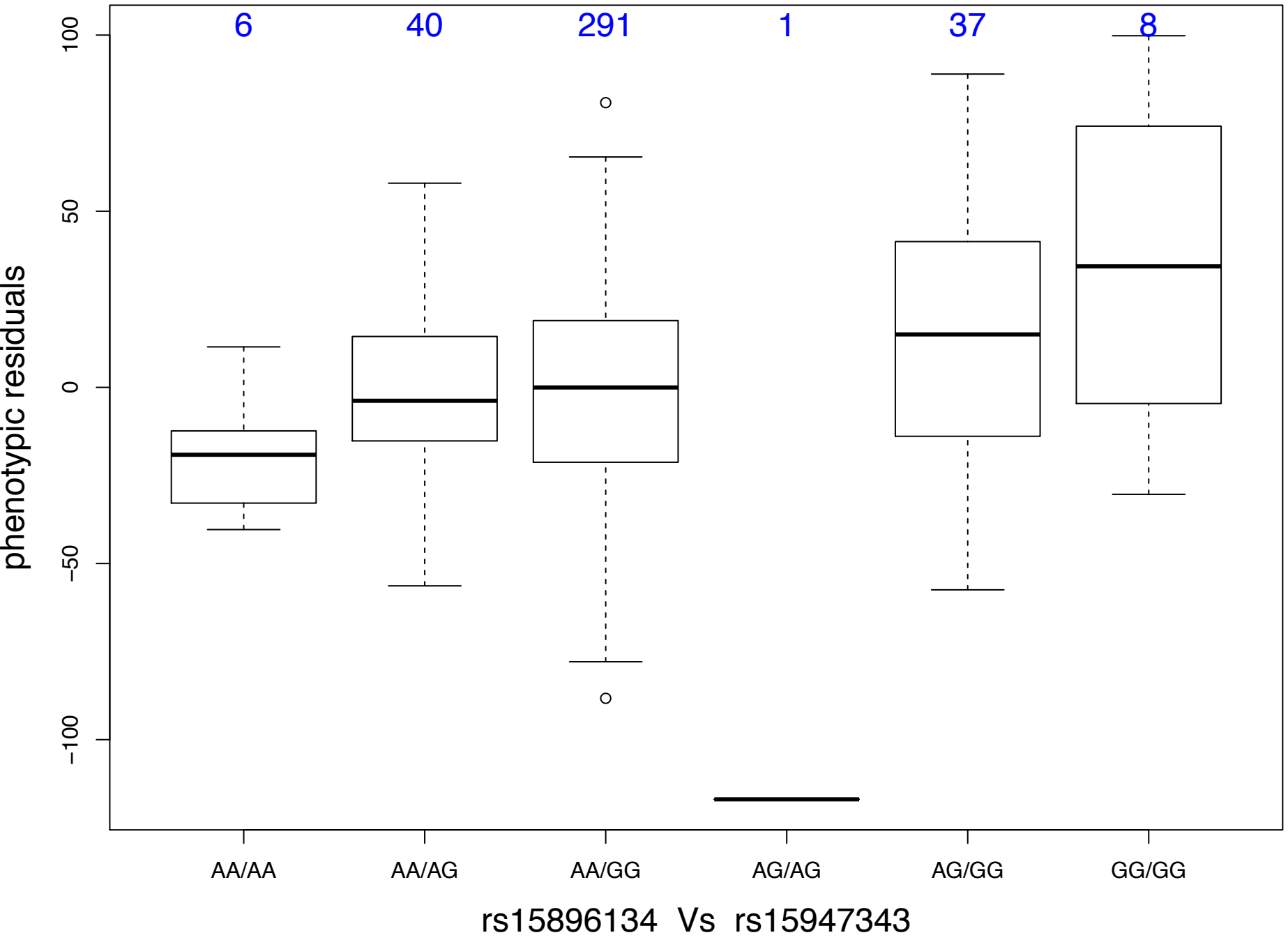

5
62
270
5
33
8
100
50
0
−50
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phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs14577715

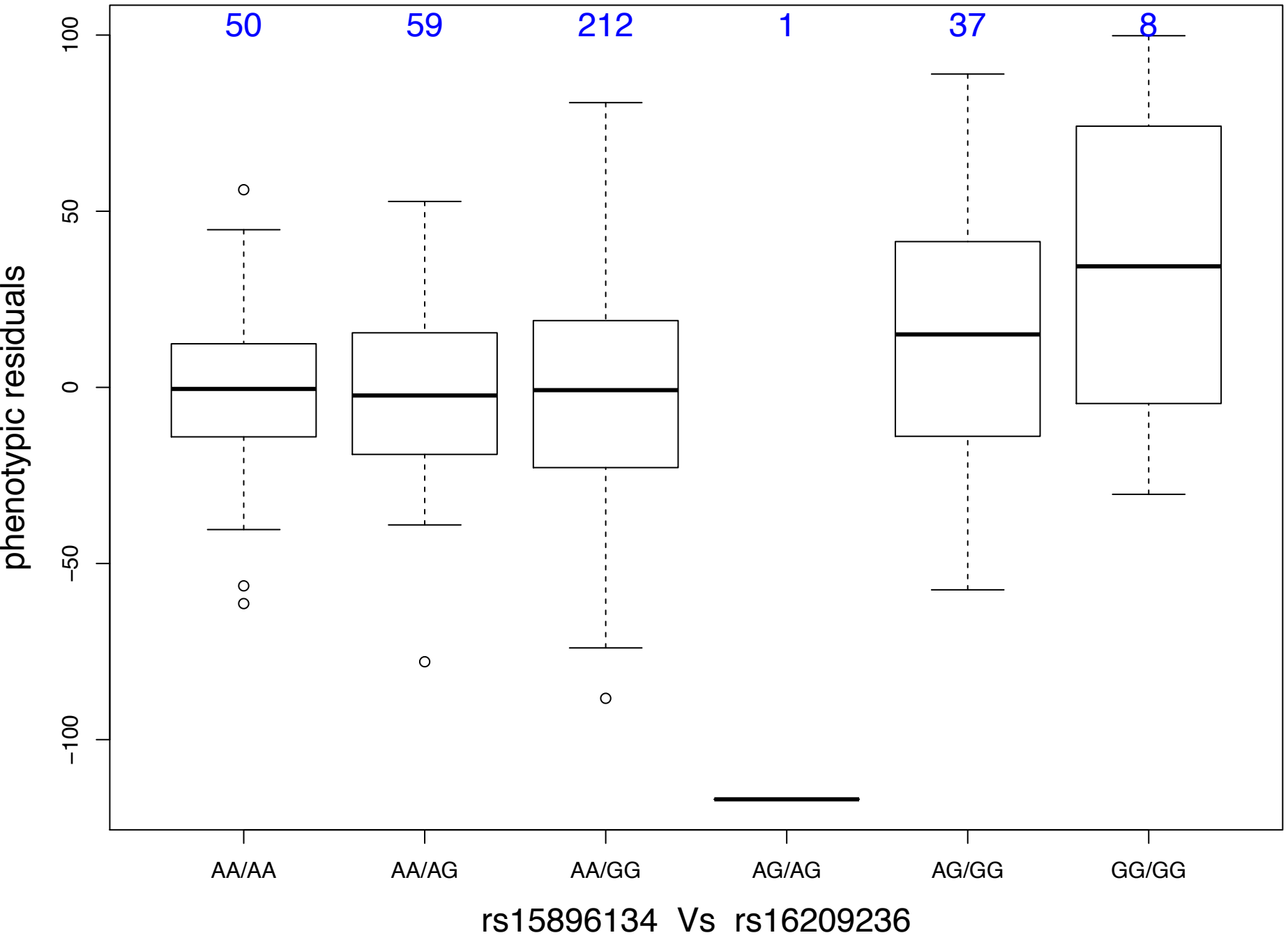

273
57
7
37
1
8
100
50
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−50
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phenotypic residuals
AA/AA
AA/AC
AA/CC
AG/AA
AG/AC
GG/AA
rs15896134 Vs rs14644807

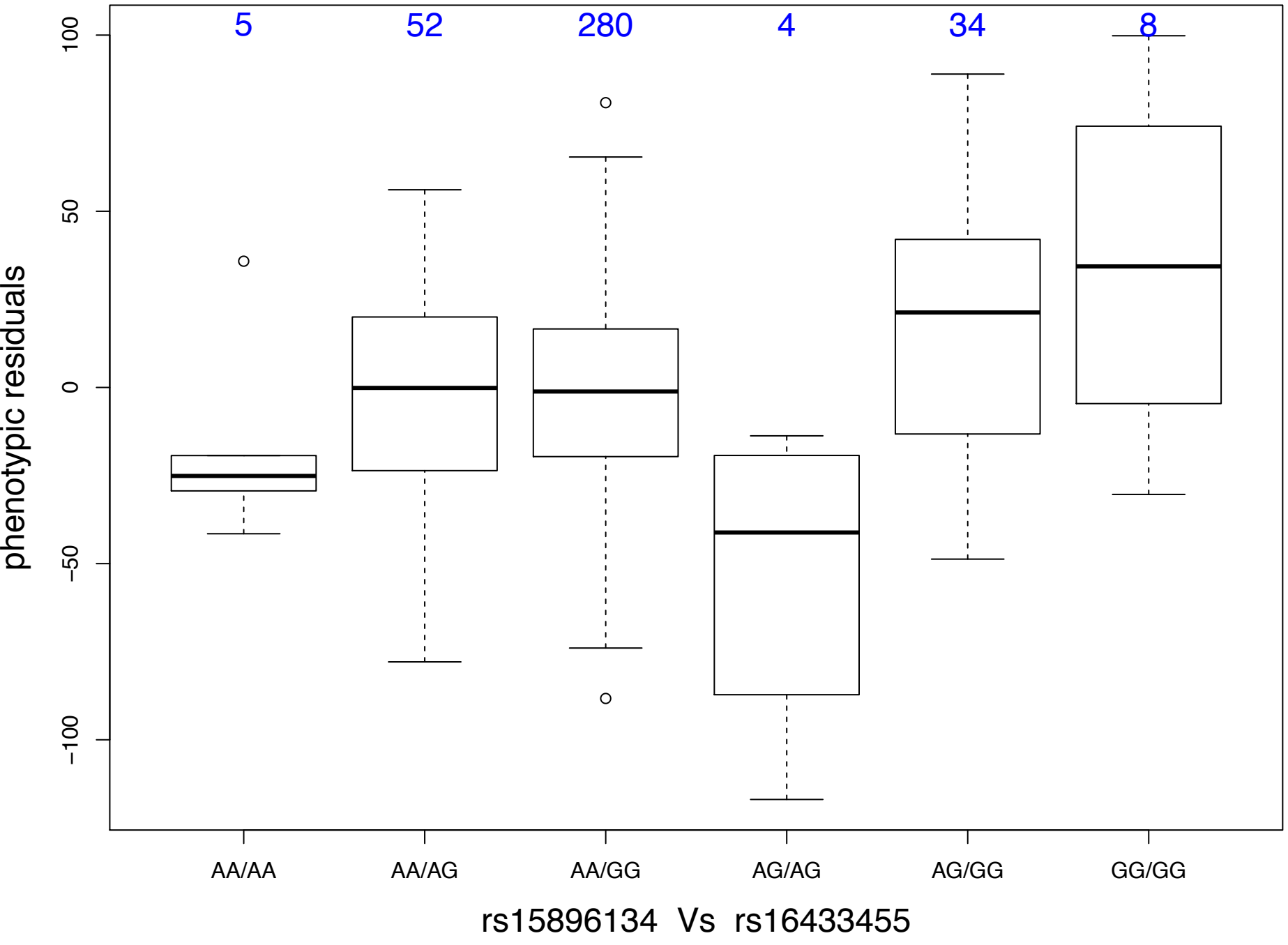

44
48
245
1
37
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs14791561

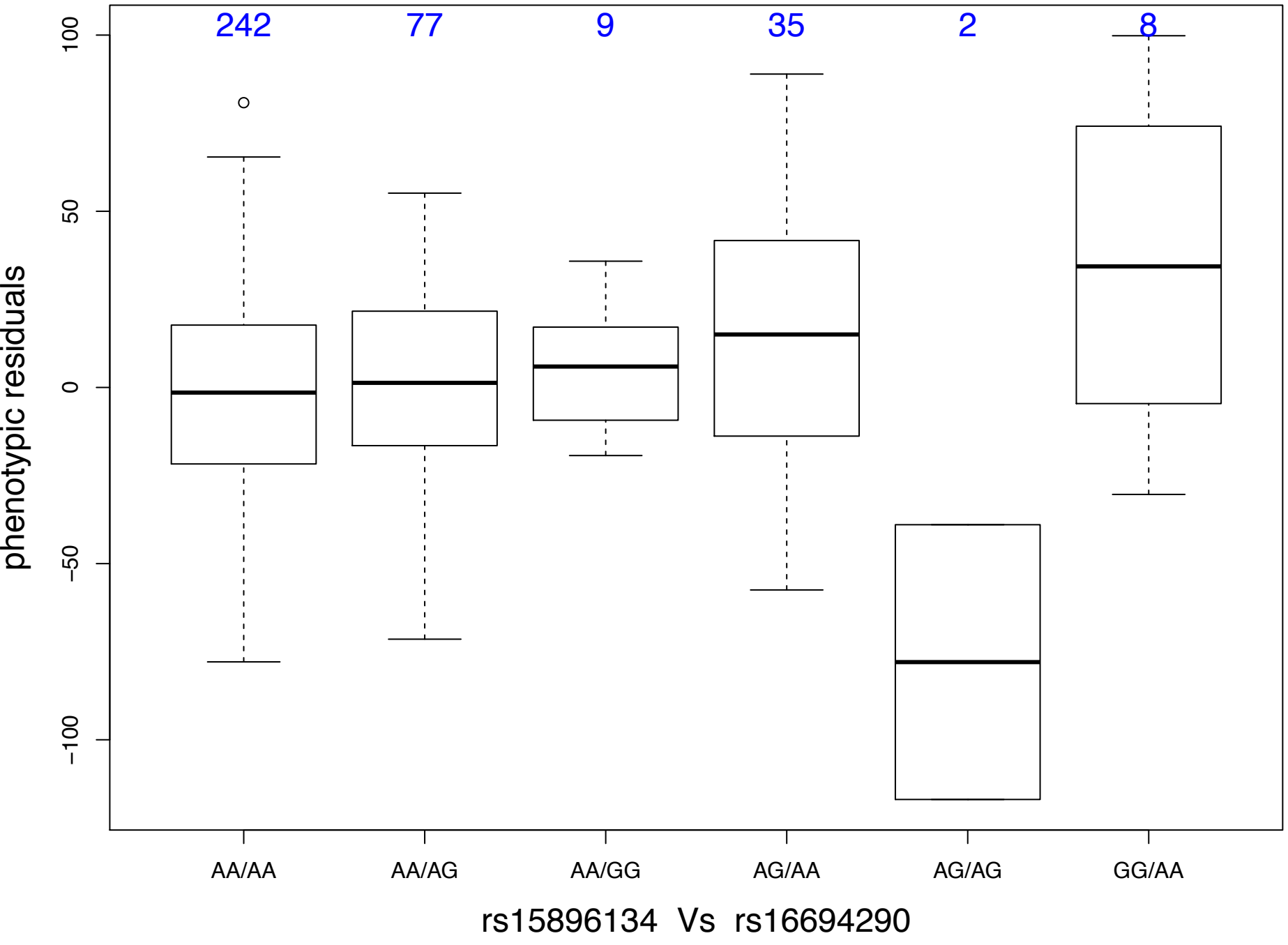

279
52
6
37
1
8
100
50
0
−50
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phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AA
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GG/AA
rs15896134 Vs rs15131887

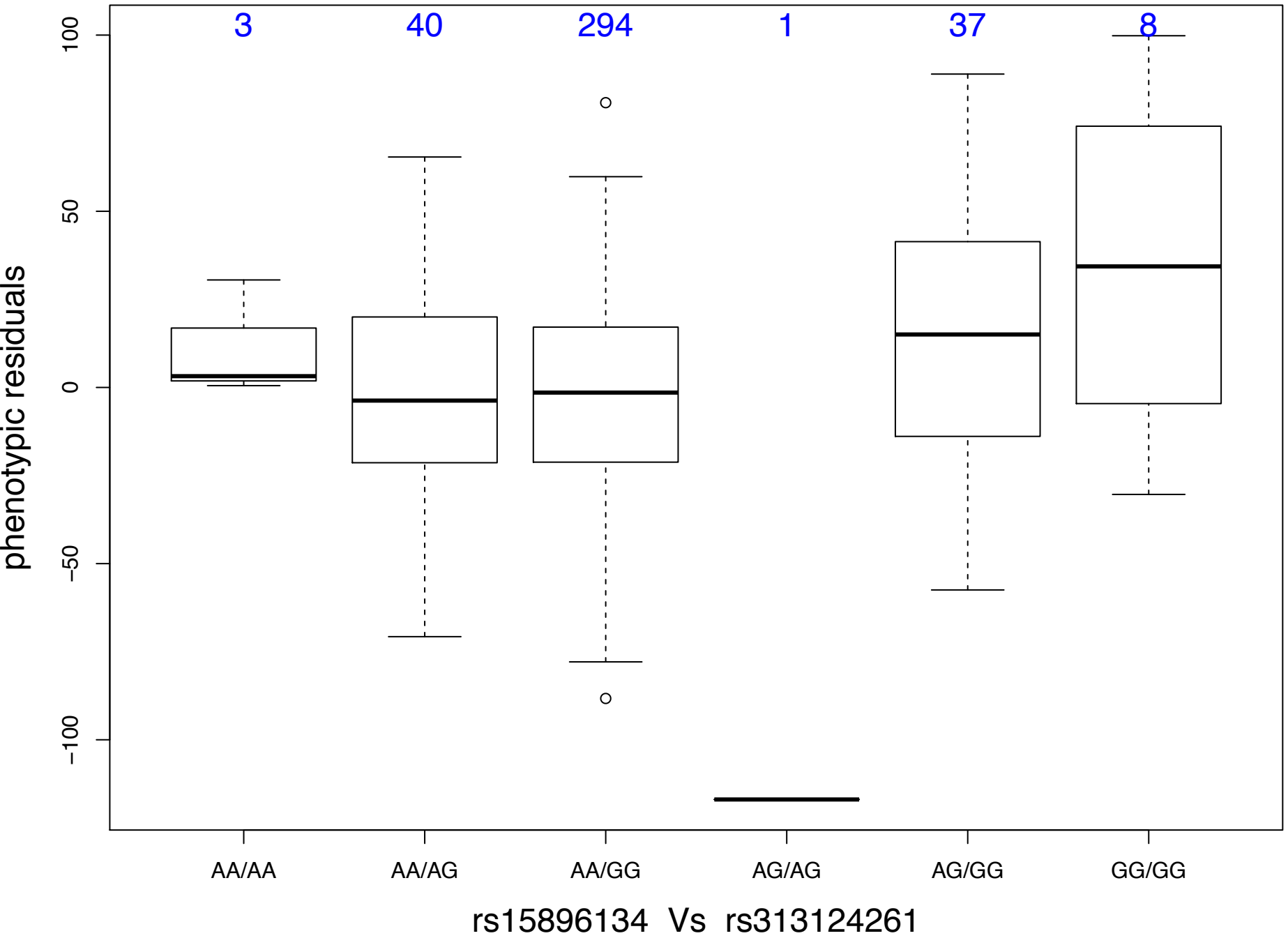

15
100
220
4
34
8
100
50
0
−50
−100
phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
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GG/GG
rs15896134 Vs rs15750583

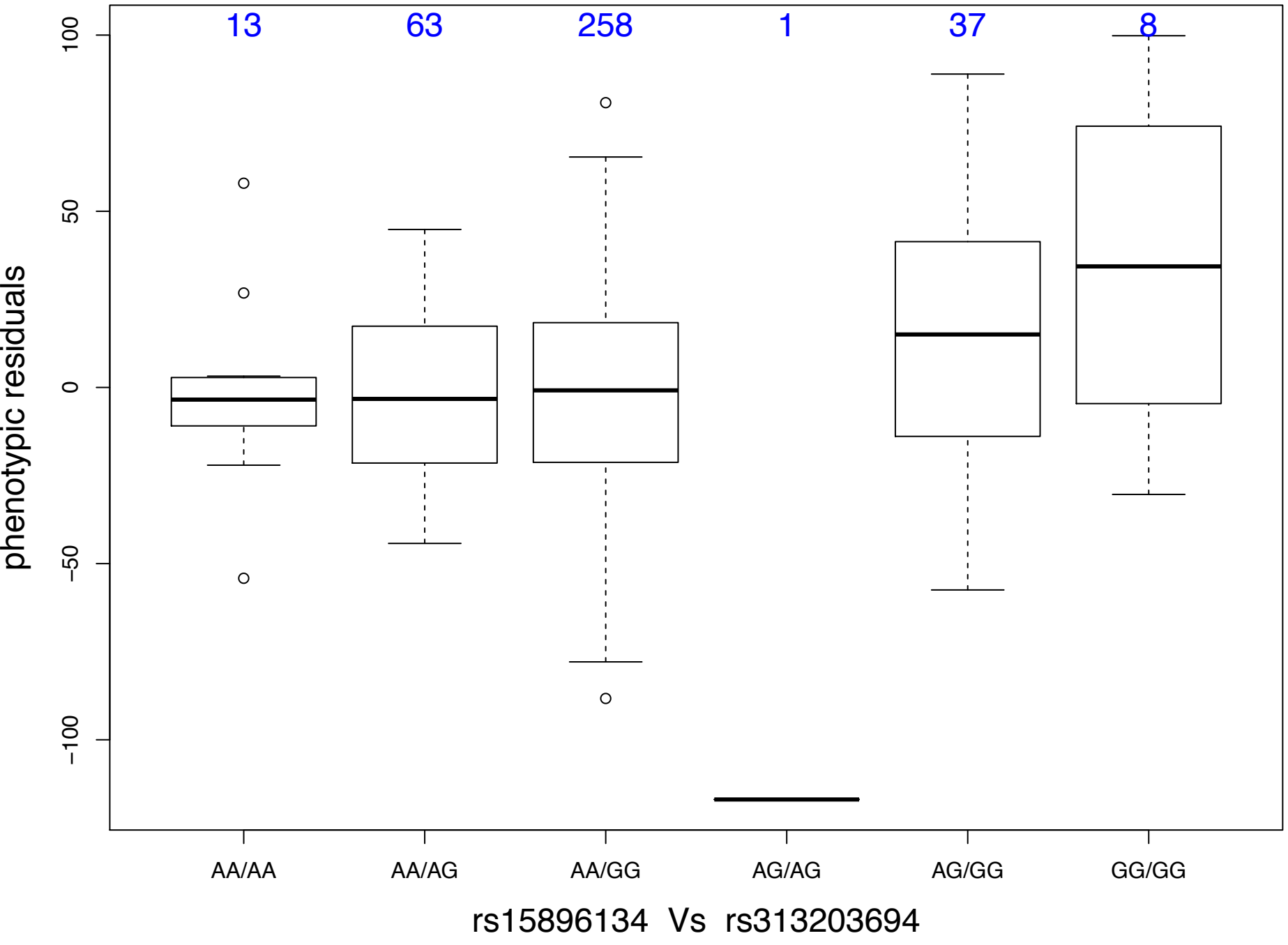

6
40
291
1
37
8
100
50
0
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phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs15947343

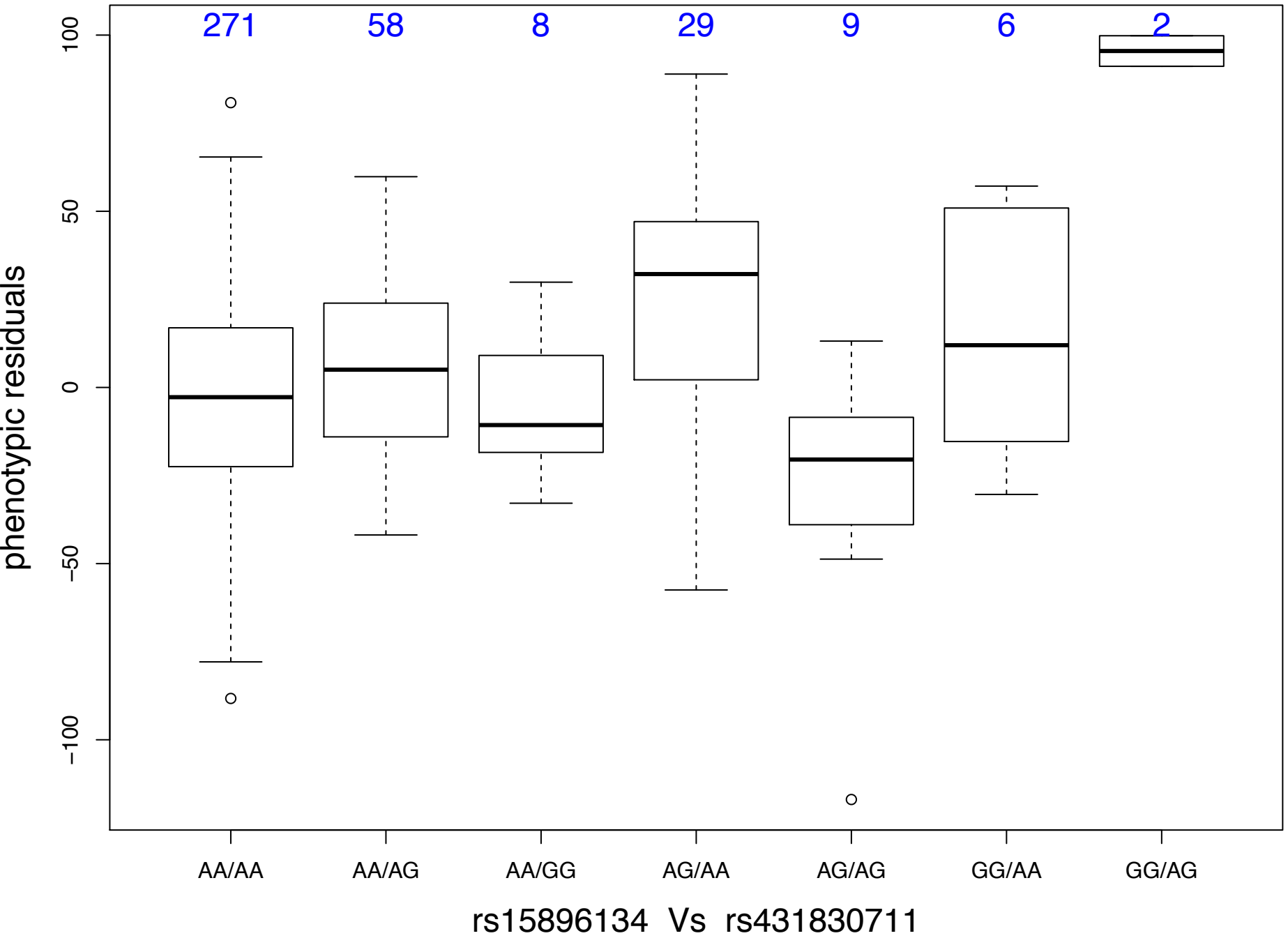

50
59
212
1
37
8
100
50
0
−50
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AA/AA
AA/AG
AA/GG
AG/AG
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GG/GG
rs15896134 Vs rs16209236

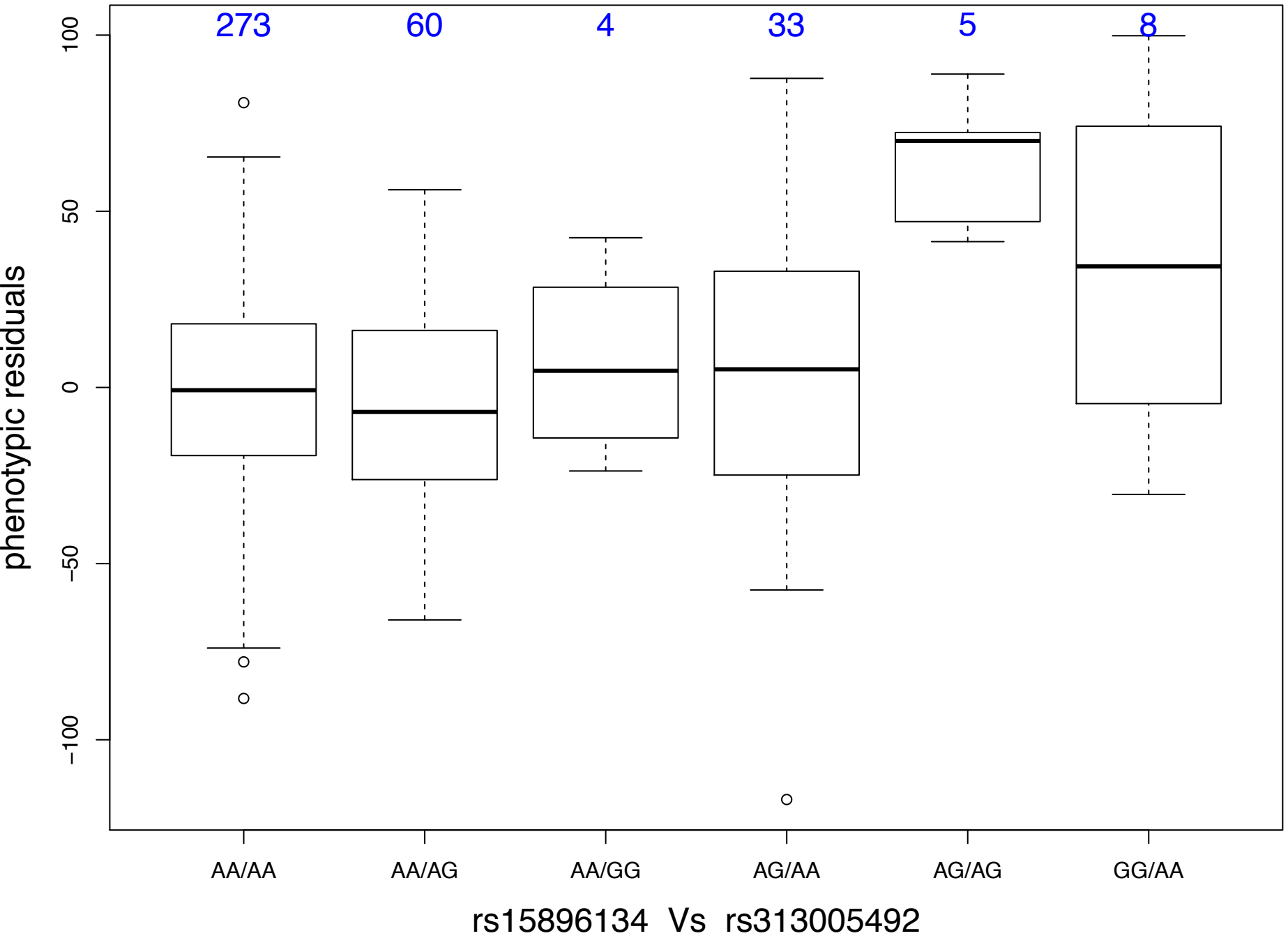

5
52
280
4
34
8
100
50
0
−50
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phenotypic residuals
AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs16433455

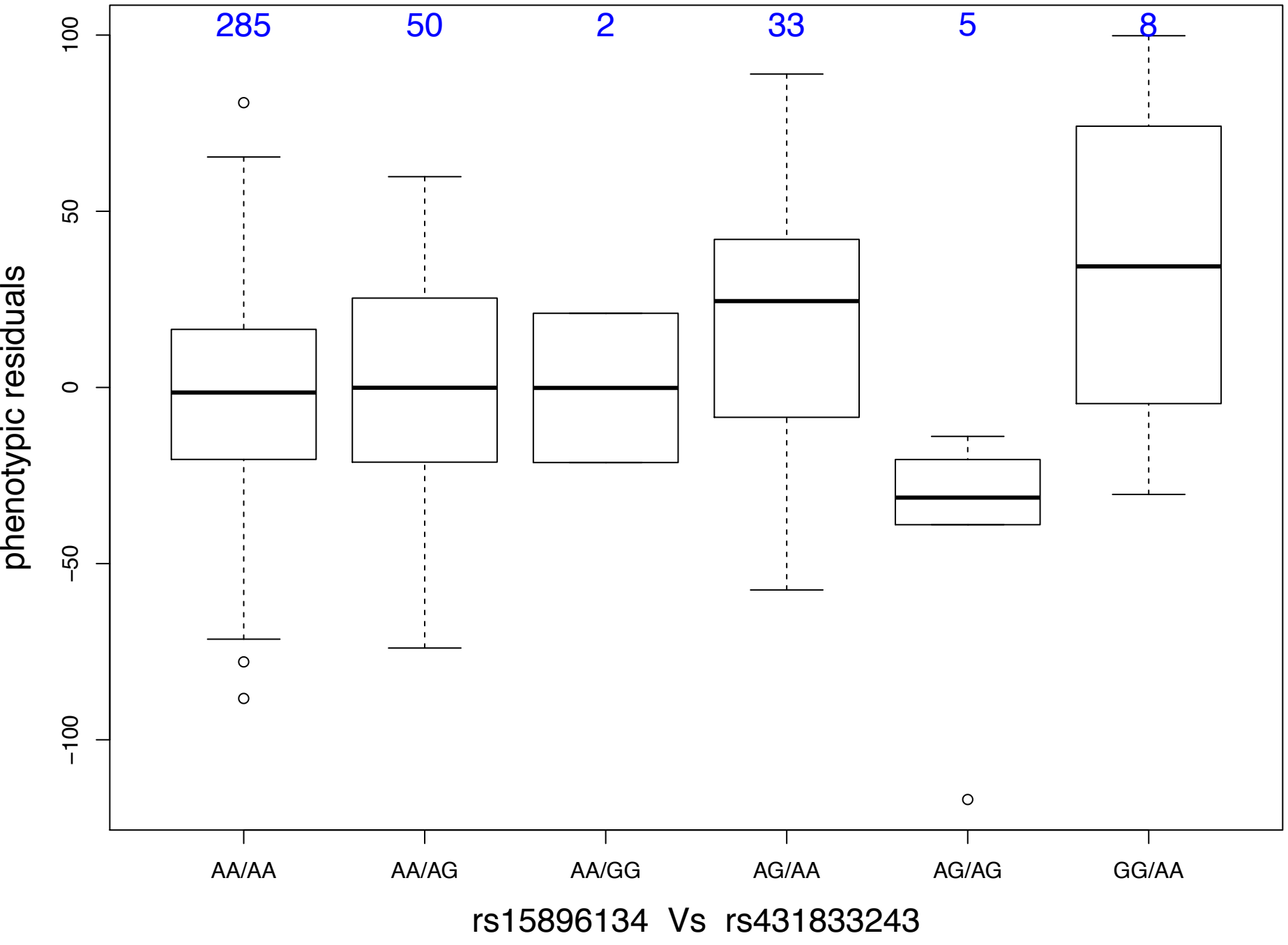

242
77
9
35
2
8
100
50
0
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AA/AA
AA/AG
AA/GG
AG/AA
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GG/AA
rs15896134 Vs rs16694290

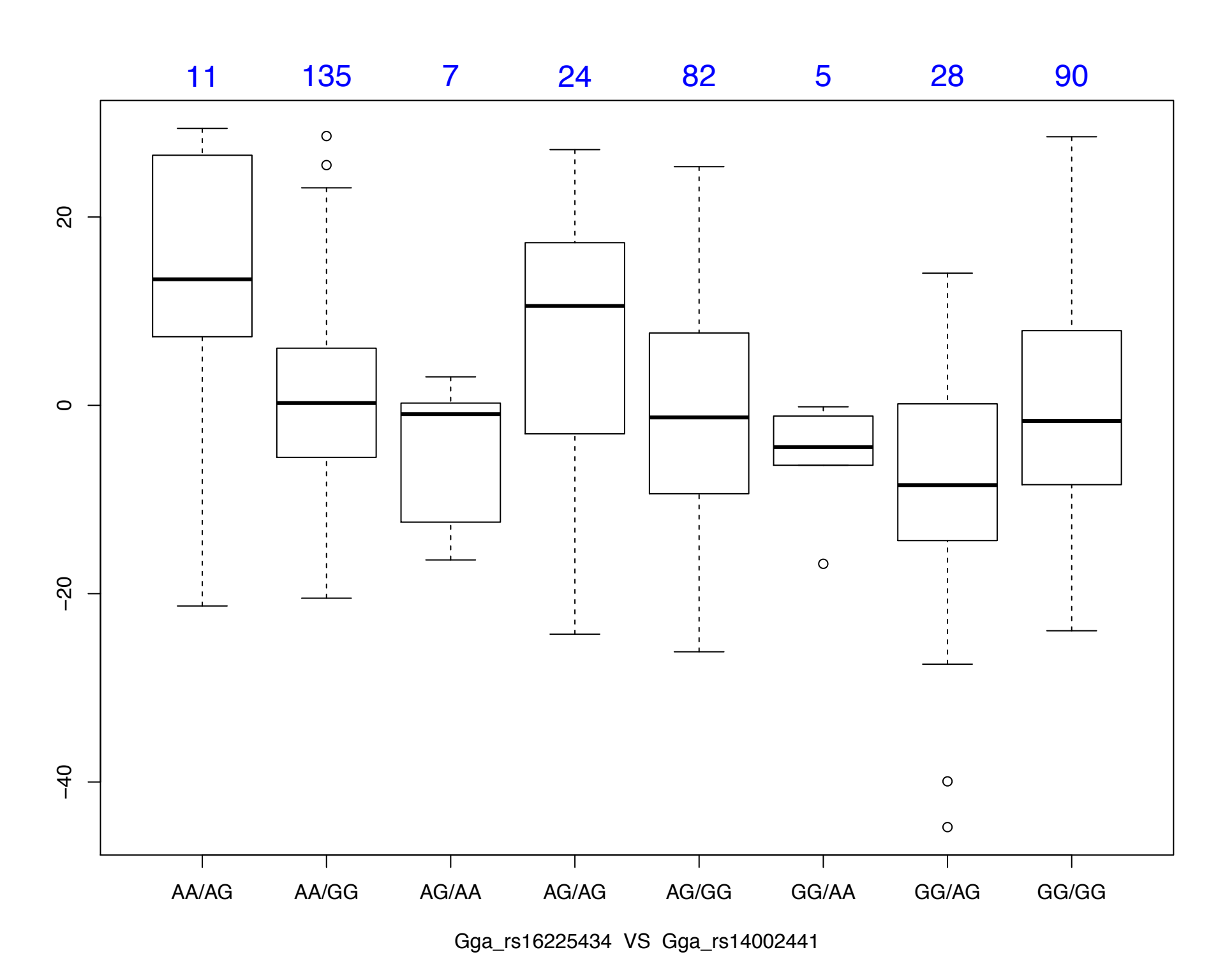

3
40
294
1
37
8
100
50
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AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs313124261

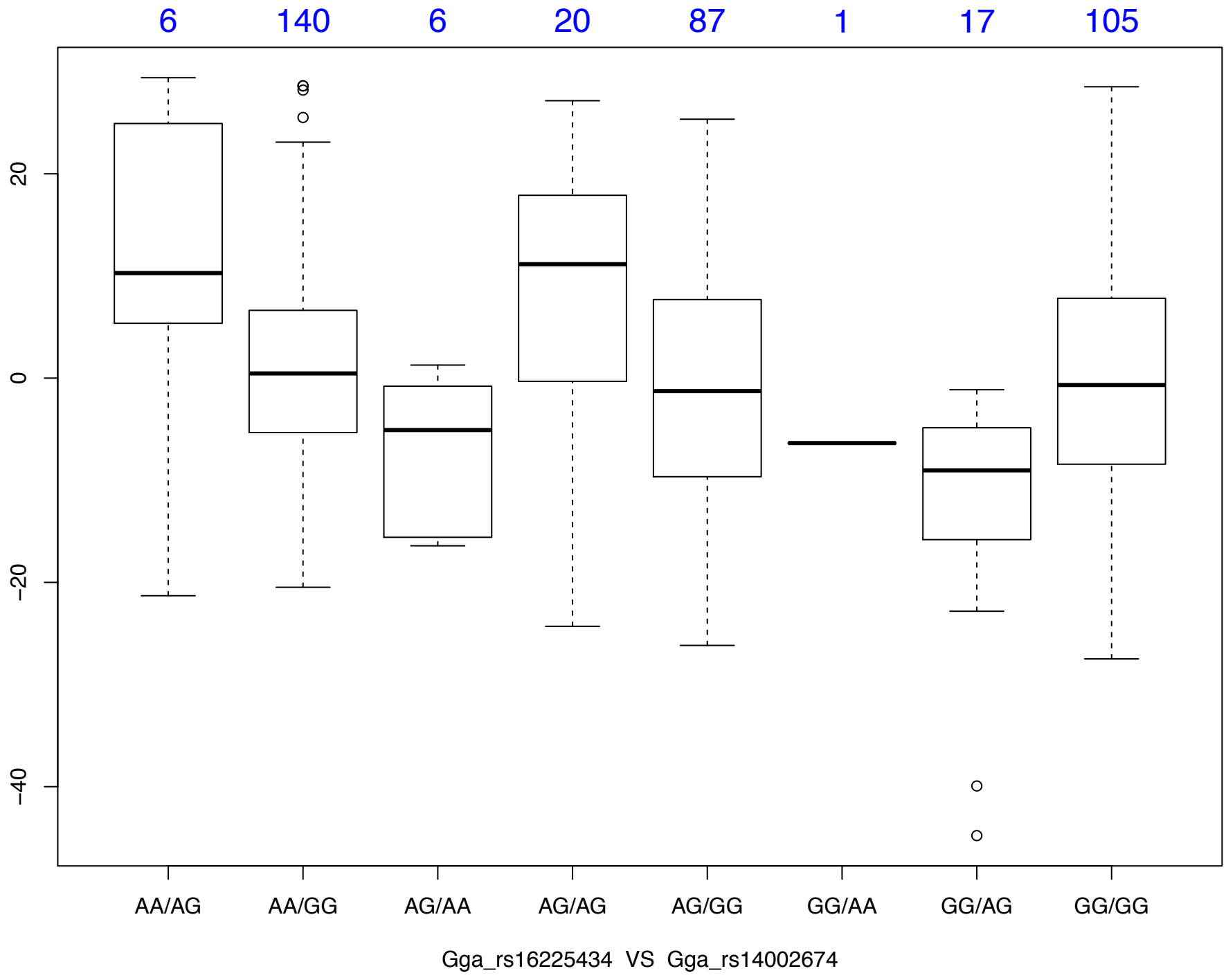

13
63
258
1
37
8
100
50
0
−50
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AA/AA
AA/AG
AA/GG
AG/AG
AG/GG
GG/GG
rs15896134 Vs rs313203694

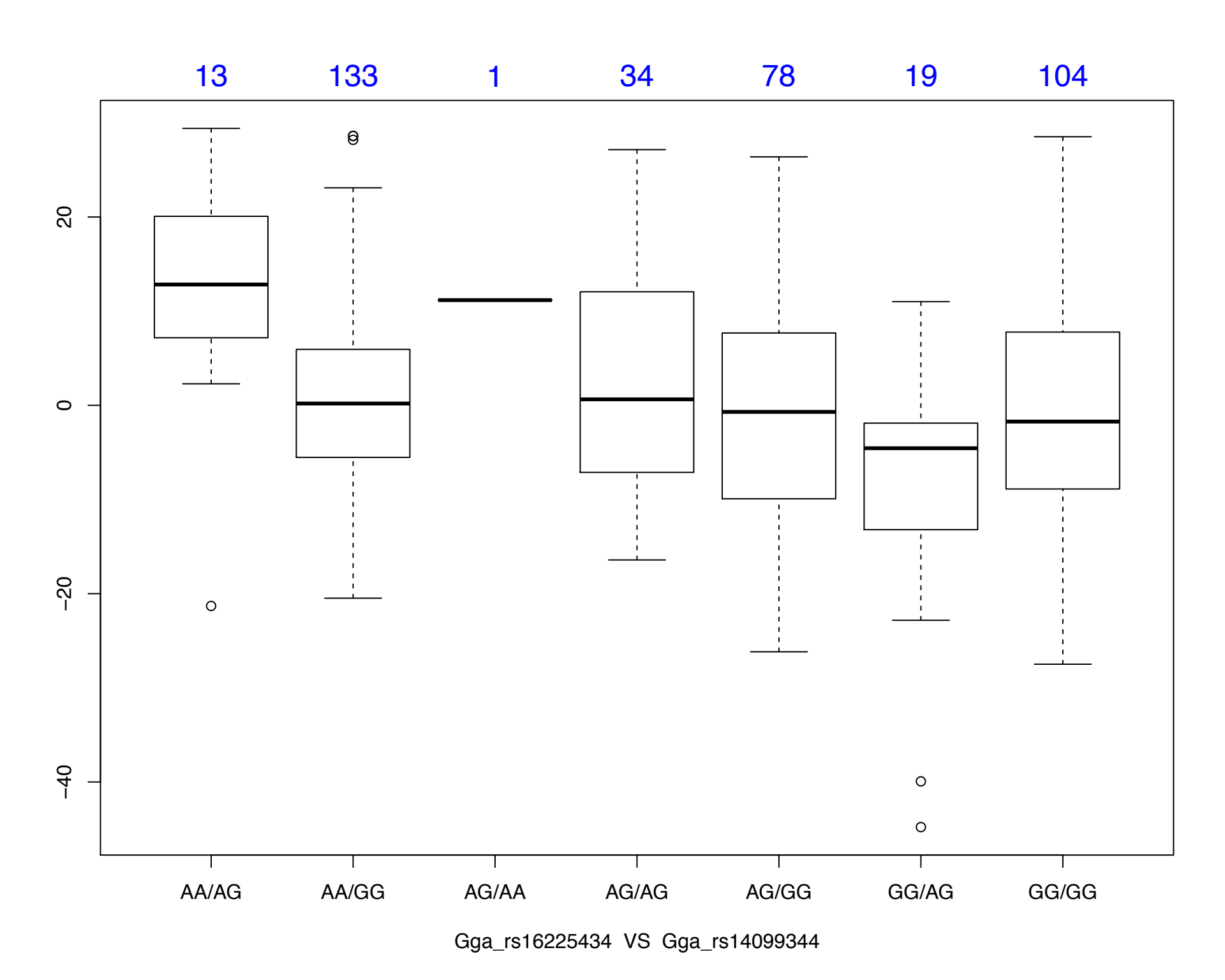

271
58
8
29
9
6
2
100
50
0
−50
−100
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AA/AA
AA/AG
AA/GG
AG/AA
AG/AG
GG/AA
GG/AG
rs15896134 Vs rs431830711

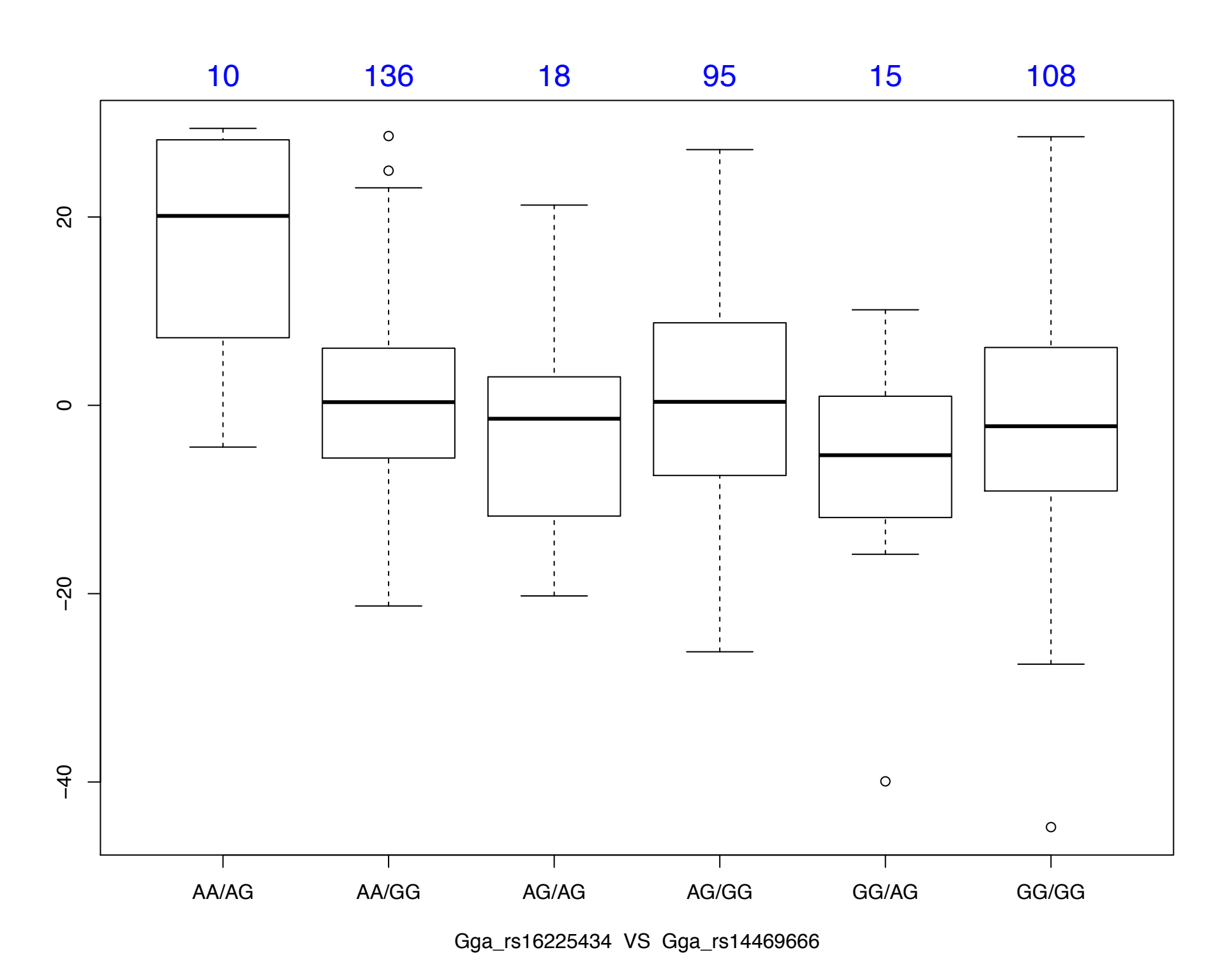

273
60
4
33
5
8
100
50
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AA/AG
AA/GG
AG/AA
AG/AG
GG/AA
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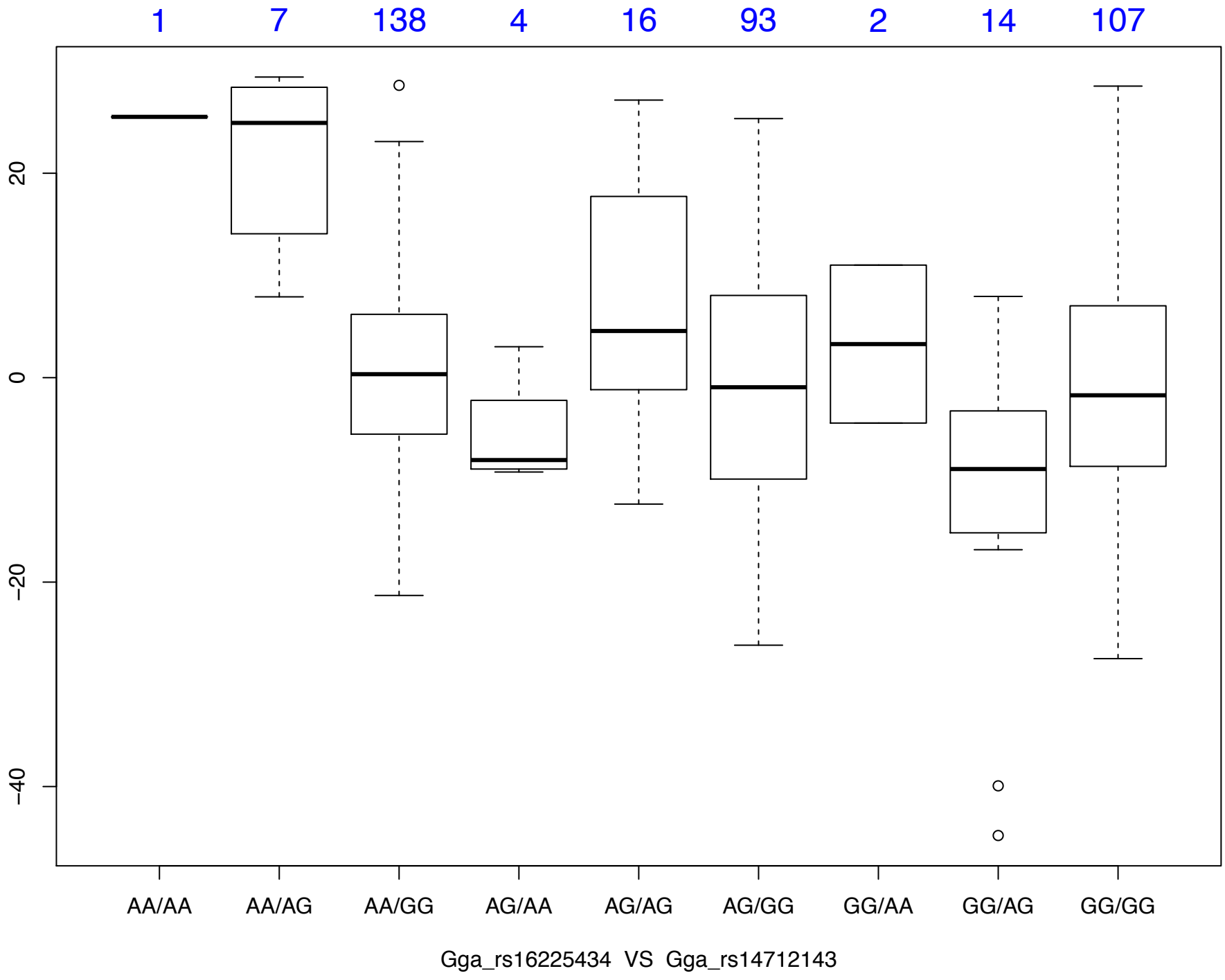

285
50
2
33
5
8
100
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AA/AA
AA/AG
AA/GG
AG/AA
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GG/AA
rs15896134 Vs rs431833243

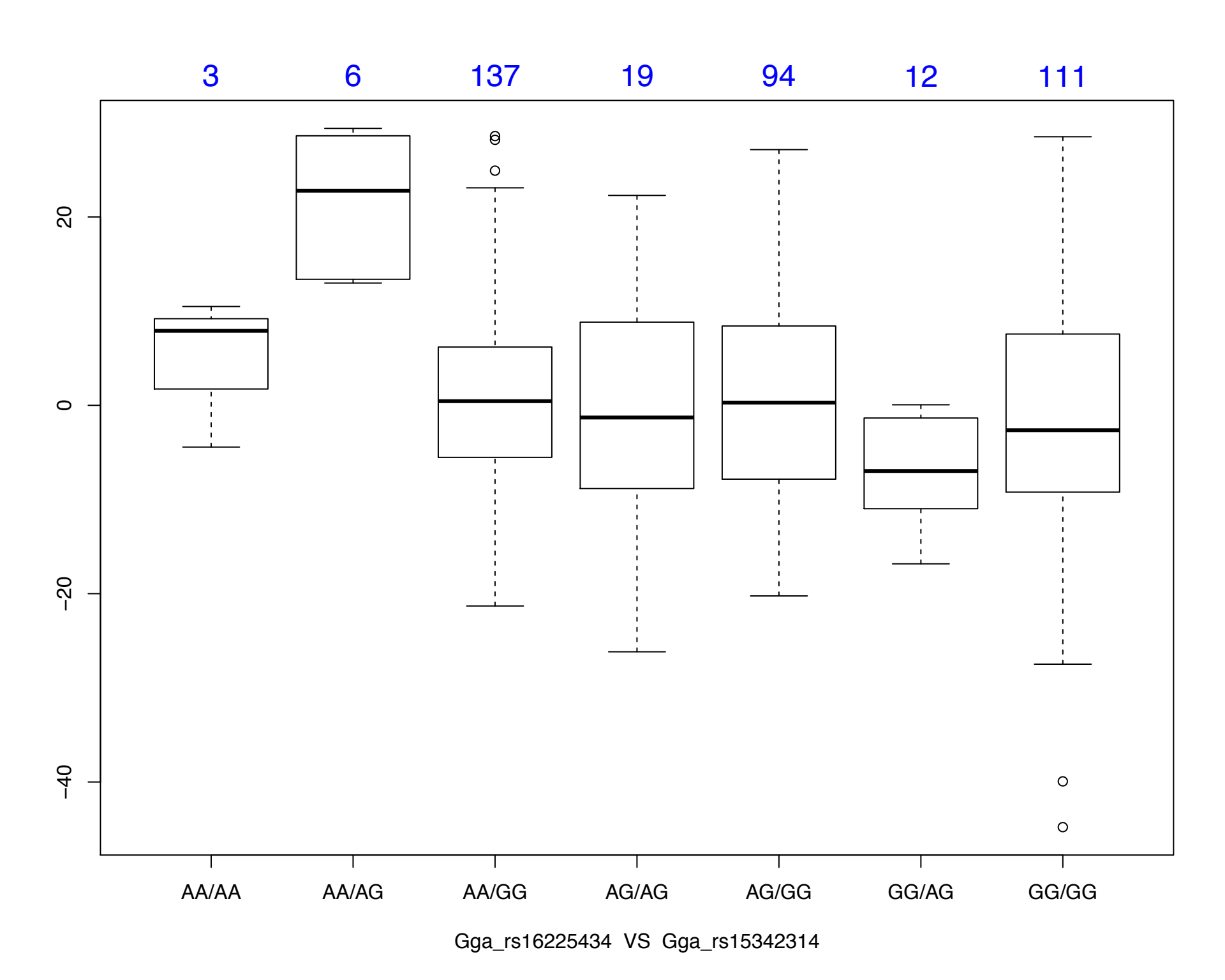

11
135
7
24
82
5
28
90
20
0
−20
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AA/AG
AA/GG
AG/AA
AG/AG
AG/GG
GG/AA
GG/AG
GG/GG
Gga_rs16225434 VS Gga_rs14002441

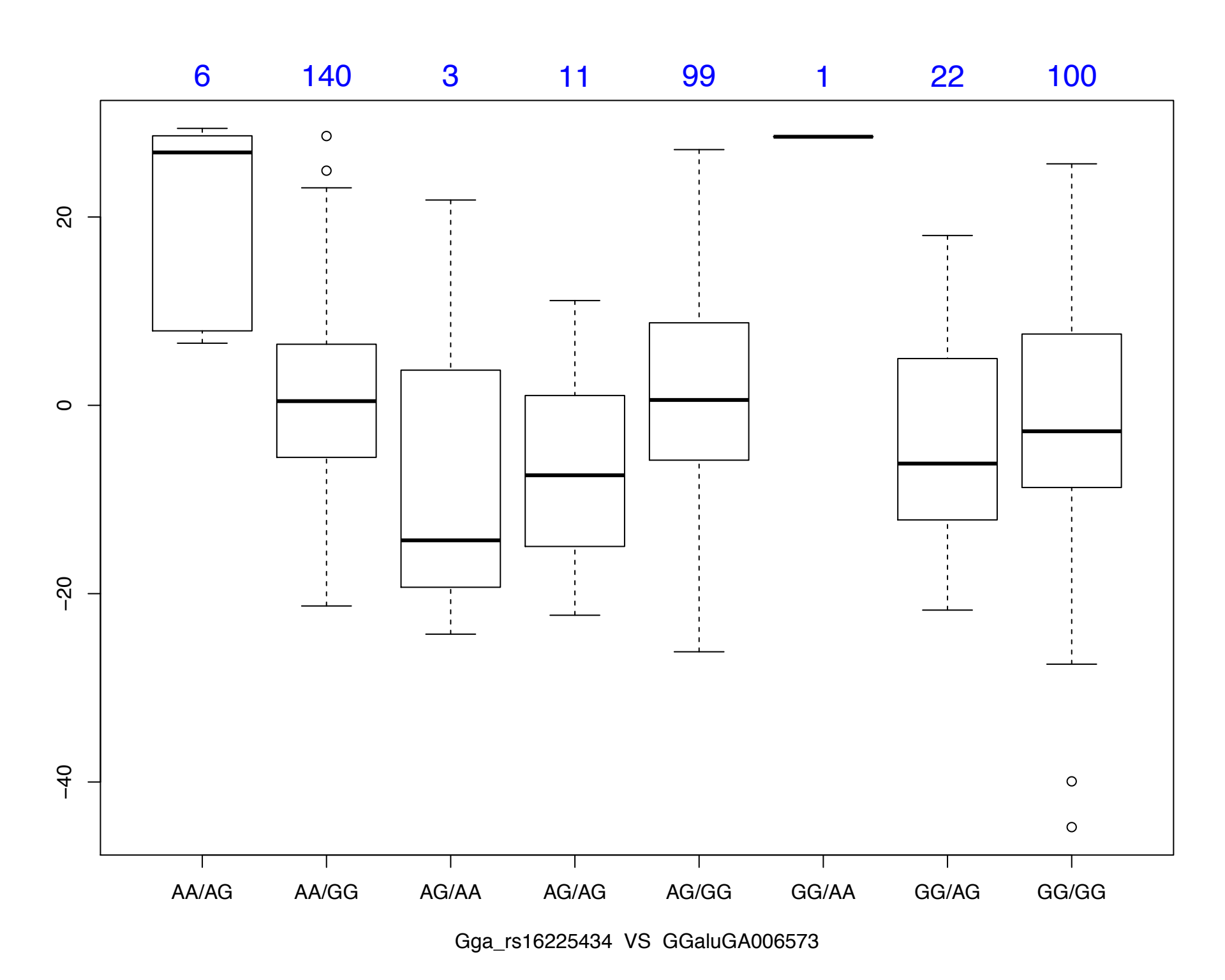

6
140
6
20
87
1
17
105
20
0
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AG/AA
AG/AG
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Gga_rs16225434 VS Gga_rs14002674

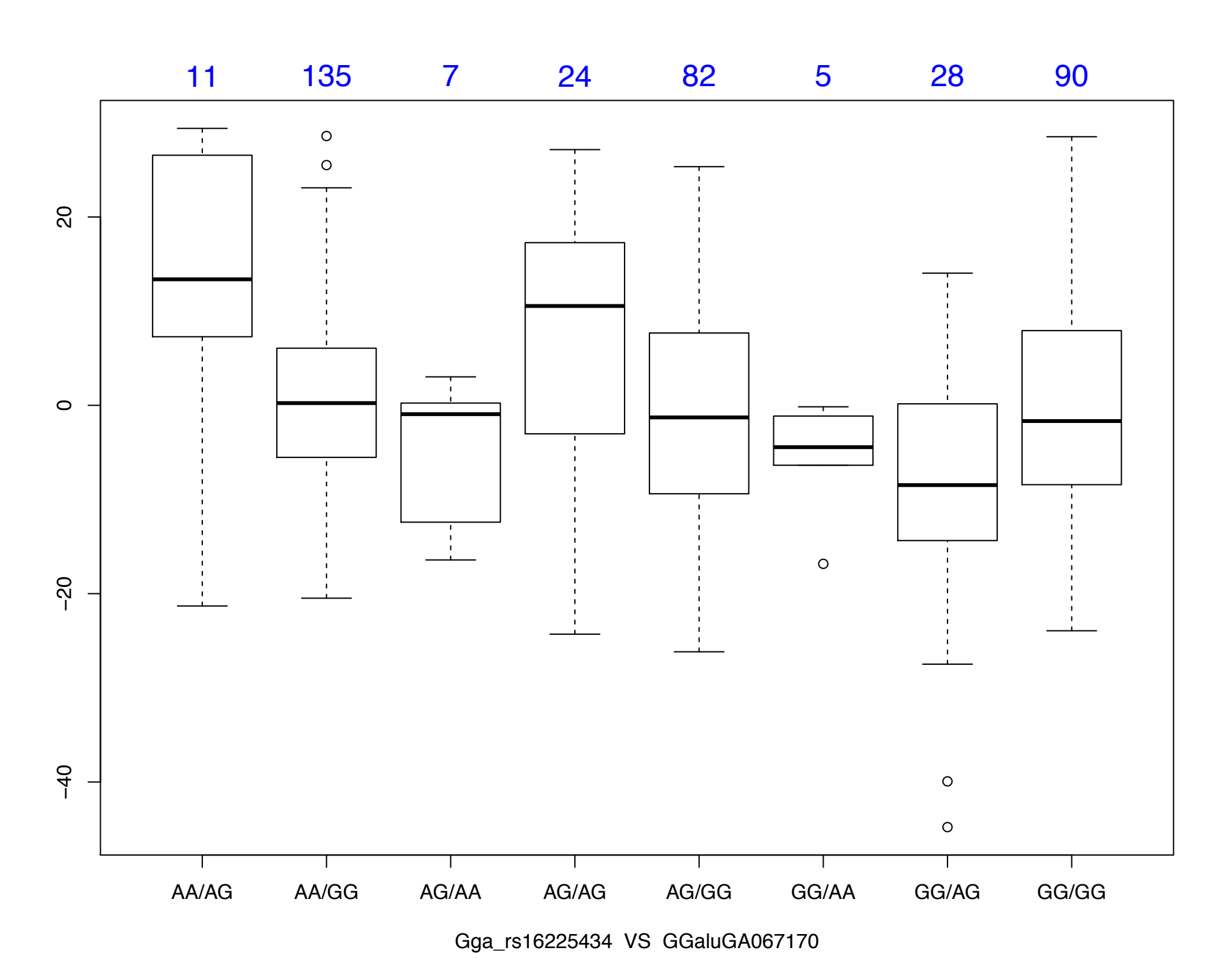

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1
34
78
19
104
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AA/GG
AG/AA
AG/AG
AG/GG
GG/AG
GG/GG
Gga_rs16225434 VS Gga_rs14099344

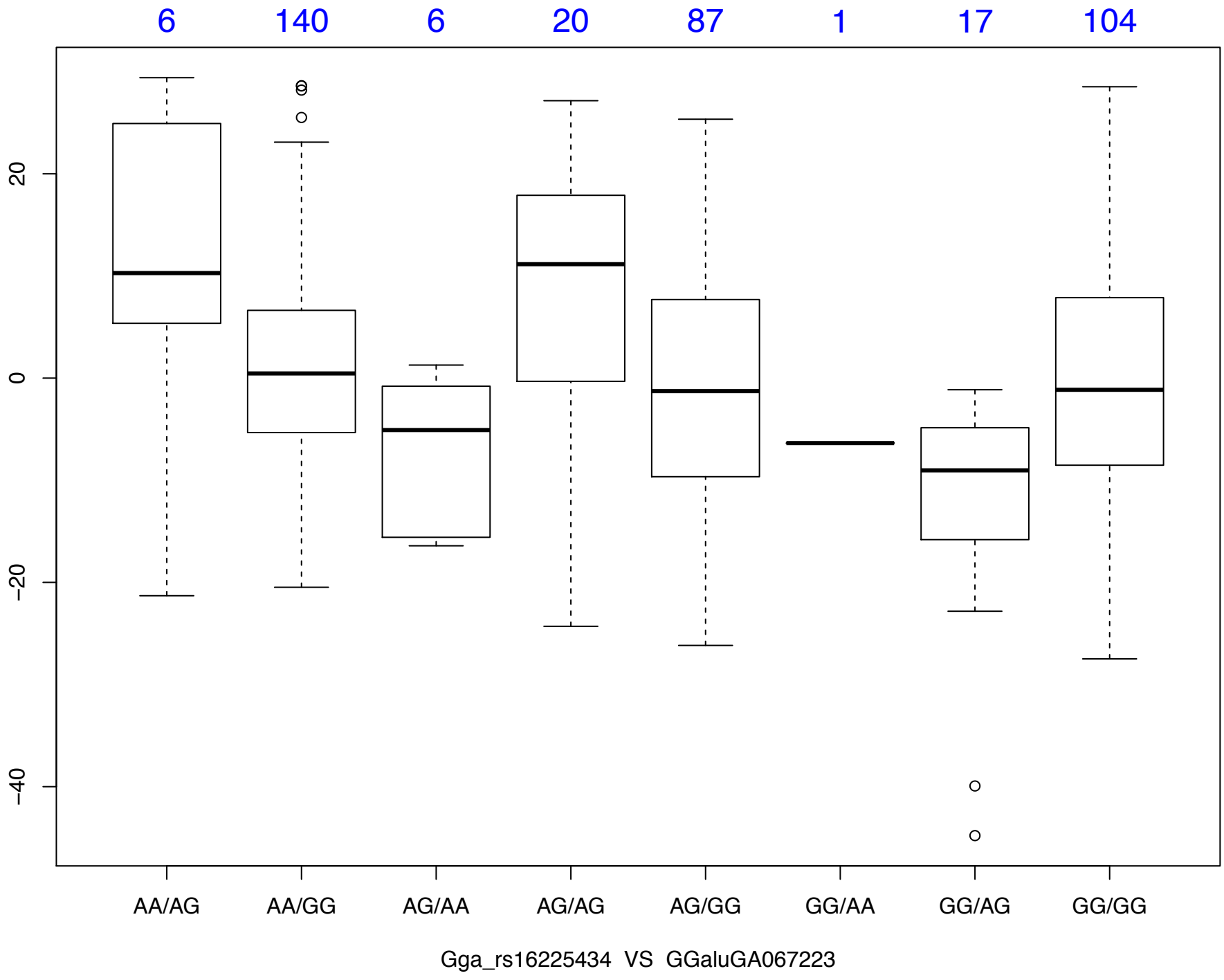

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136
18
95
15
108
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AA/AG
AA/GG
AG/AG
AG/GG
GG/AG
GG/GG
Gga_rs16225434 VS Gga_rs14469666

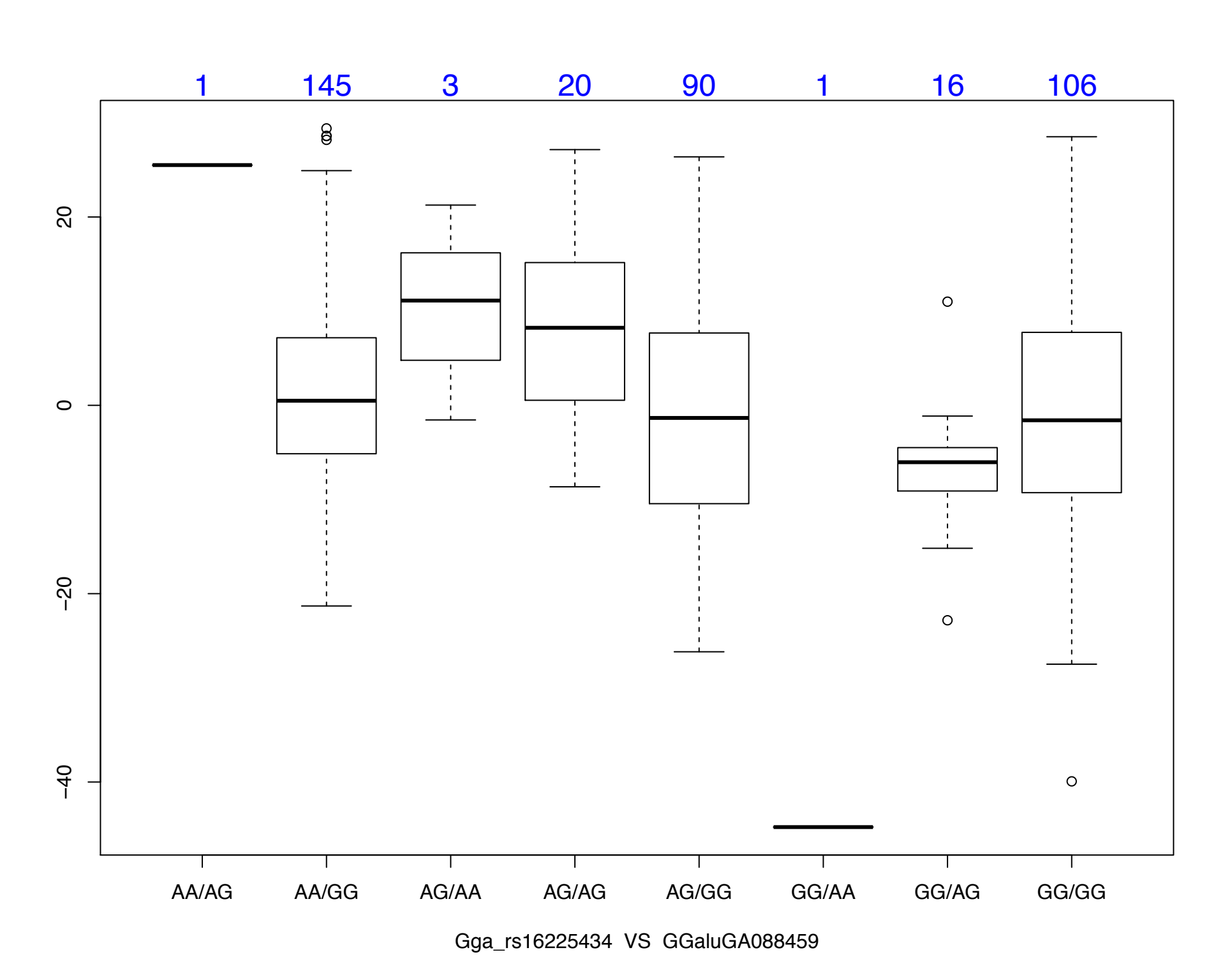

1
7
138
4
16
93
2
14
107
20
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−20
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AA/AG
AA/GG
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Gga_rs16225434 VS Gga_rs14712143

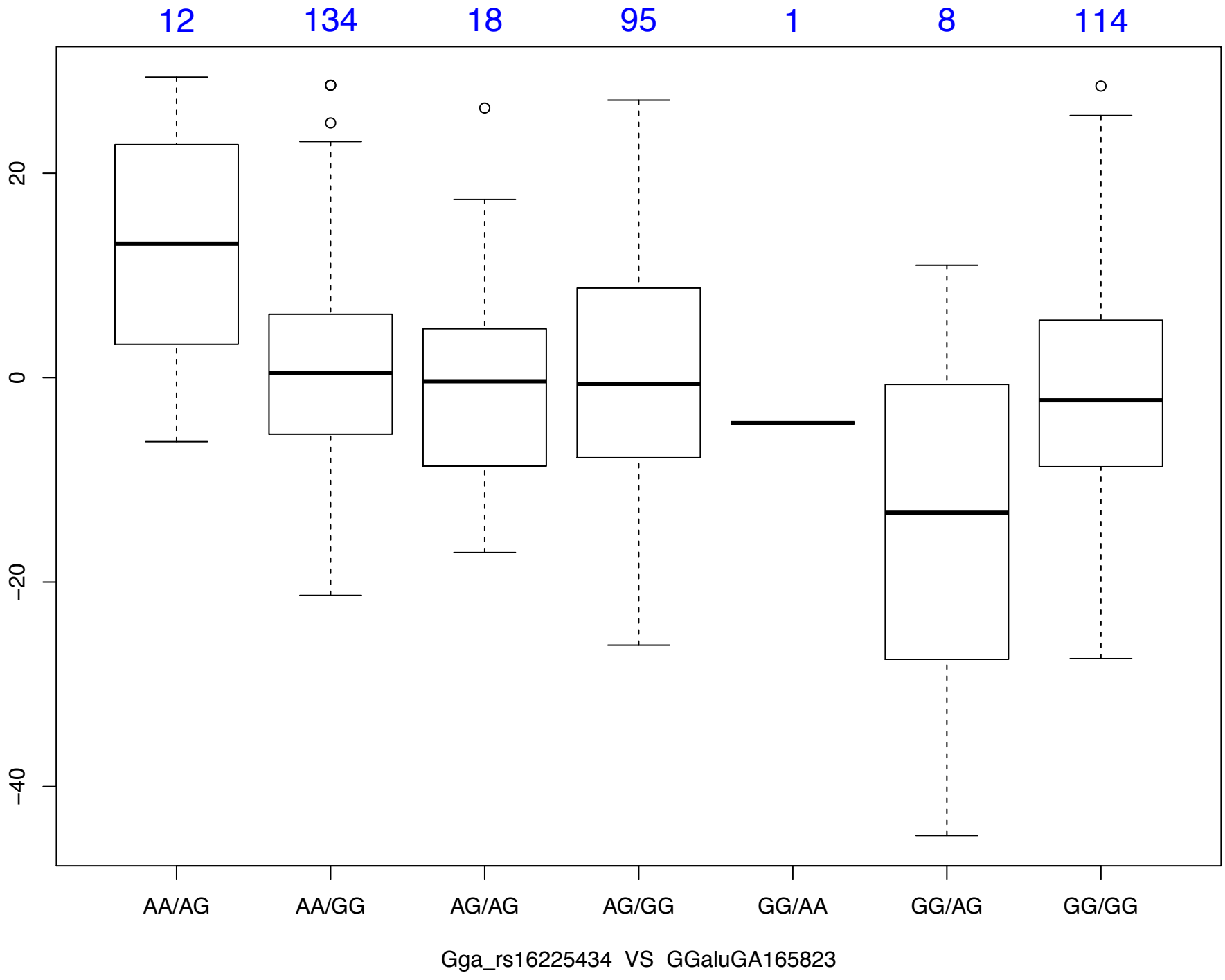

3
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137
19
94
12
111
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0
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AA/AG
AA/GG
AG/AG
AG/GG
GG/AG
GG/GG
Gga_rs16225434 VS Gga_rs15342314

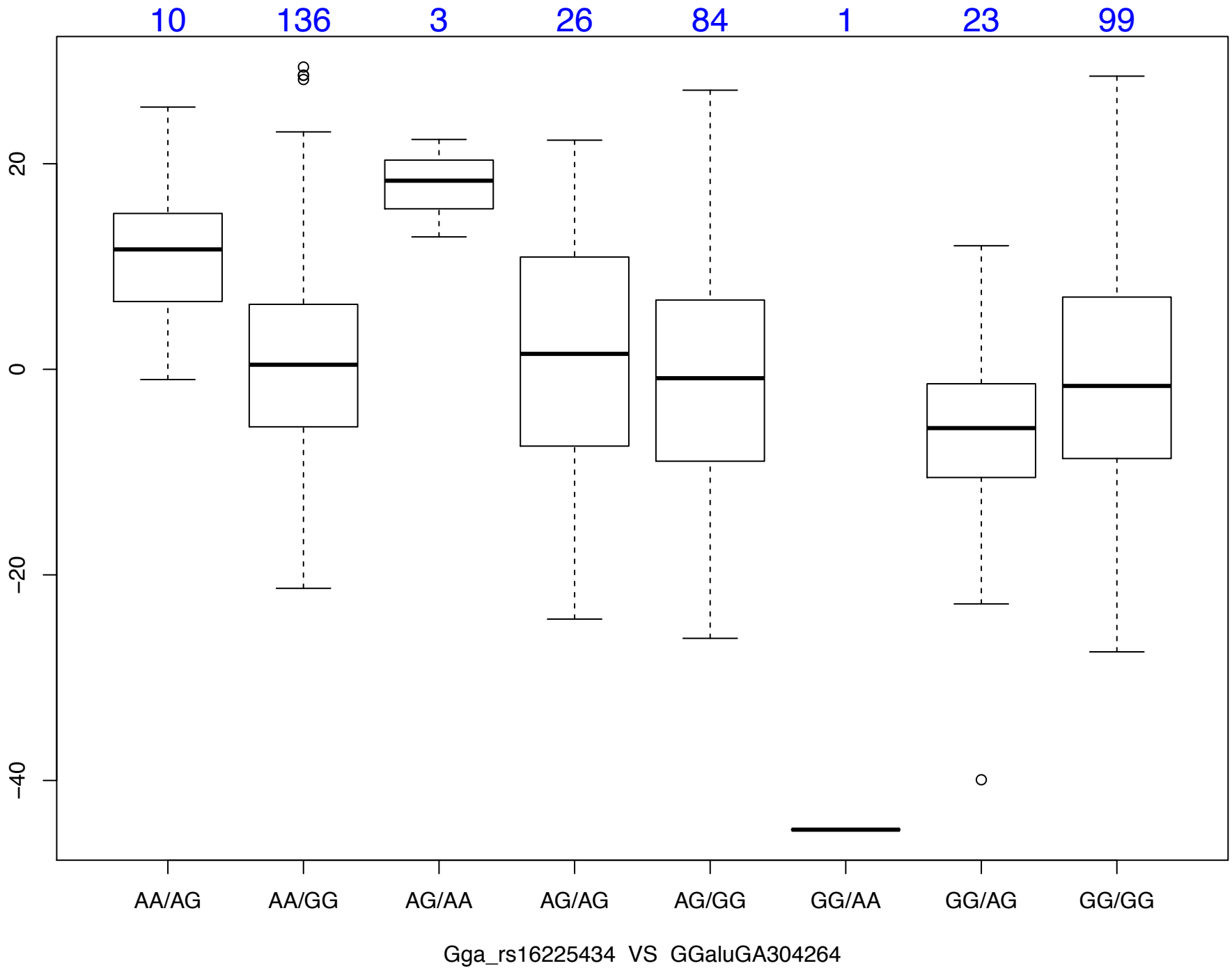

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99
1
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20
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−20
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AA/AG
AA/GG
AG/AA
AG/AG
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Gga_rs16225434 VS GGaluGA006573

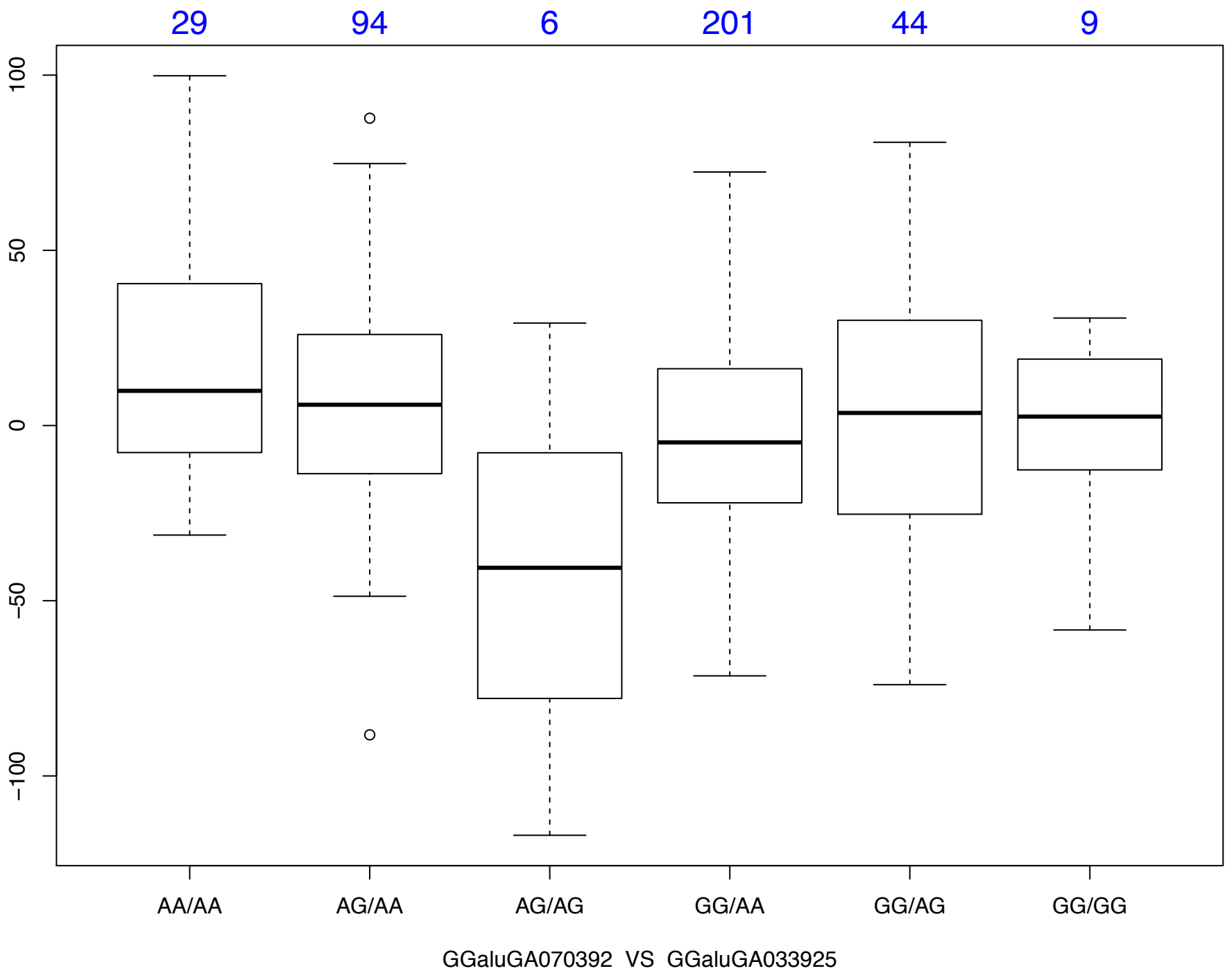

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135
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AA/GG
AG/AA
AG/AG
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Gga_rs16225434 VS GGaluGA067170

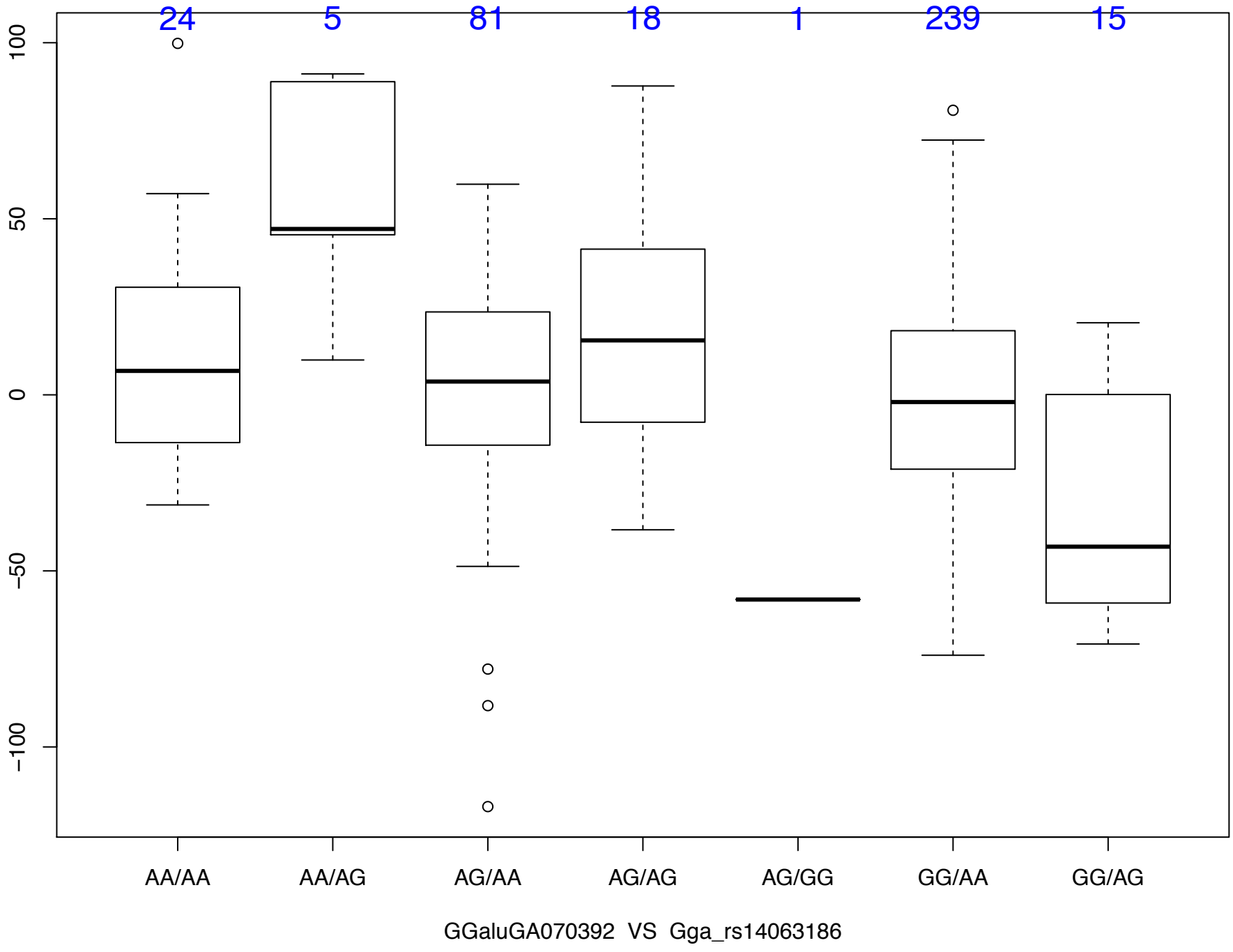

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AA/GG
AG/AA
AG/AG
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GG/AA
GG/AG
GG/GG
Gga_rs16225434 VS GGaluGA067223


1
145
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90
1
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106
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−40
AA/AG
AA/GG
AG/AA
AG/AG
AG/GG
GG/AA
GG/AG
GG/GG
Gga_rs16225434 VS GGaluGA088459


12
134
18
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AA/GG
AG/AG
AG/GG
GG/AA
GG/AG
GG/GG
Gga_rs16225434 VS GGaluGA165823


10
136
3
26
84
1
23
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AA/AG
AA/GG
AG/AA
AG/AG
AG/GG
GG/AA
GG/AG
GG/GG
Gga_rs16225434 VS GGaluGA304264


29
94
6
201
44
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AA/AA
AG/AA
AG/AG
GG/AA
GG/AG
GG/GG
GGaluGA070392 VS GGaluGA033925


24
5
81
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239
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AA/AA
AA/AG
AG/AA
AG/AG
AG/GG
GG/AA
GG/AG
GGaluGA070392 VS Gga_rs14063186