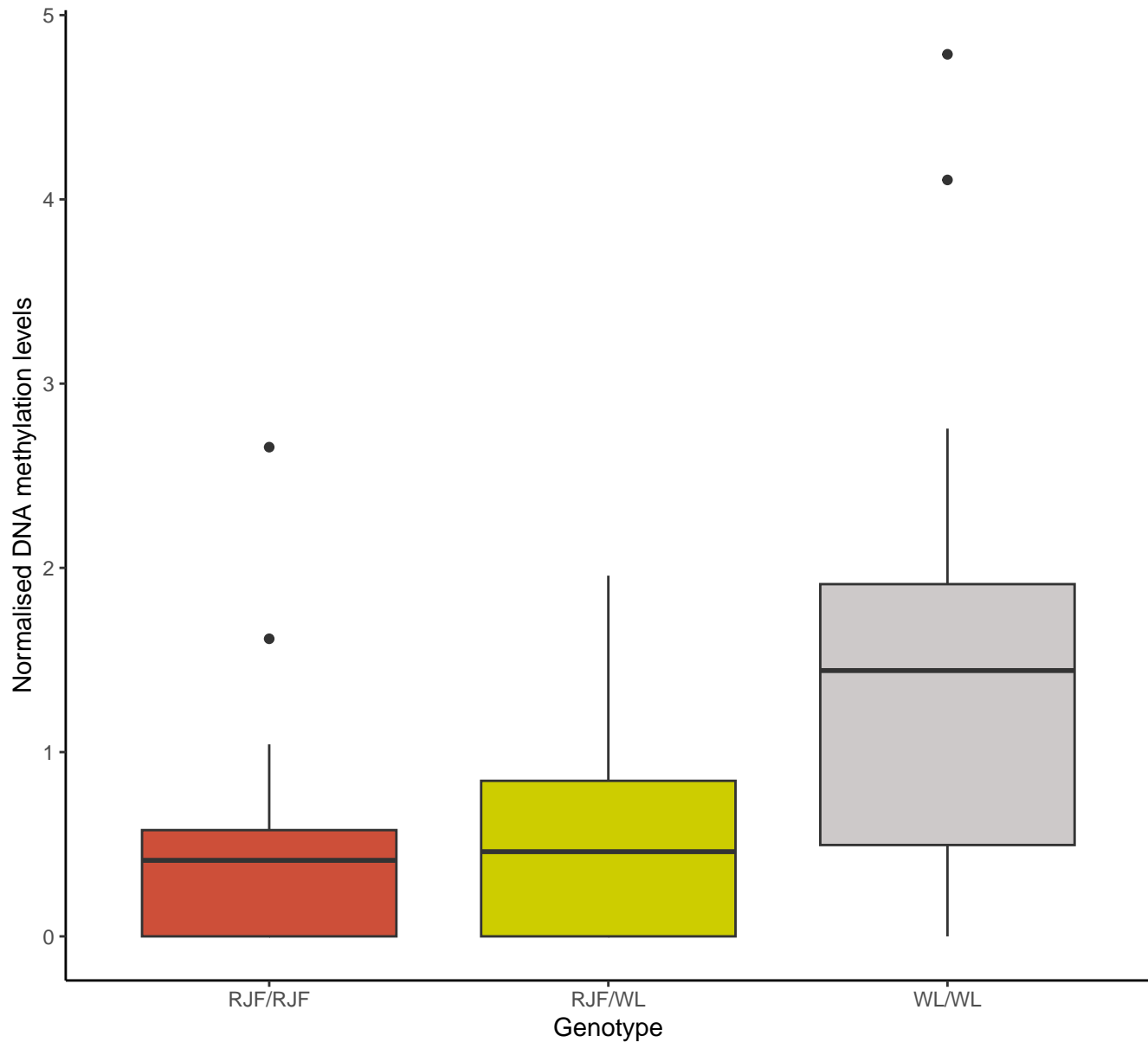


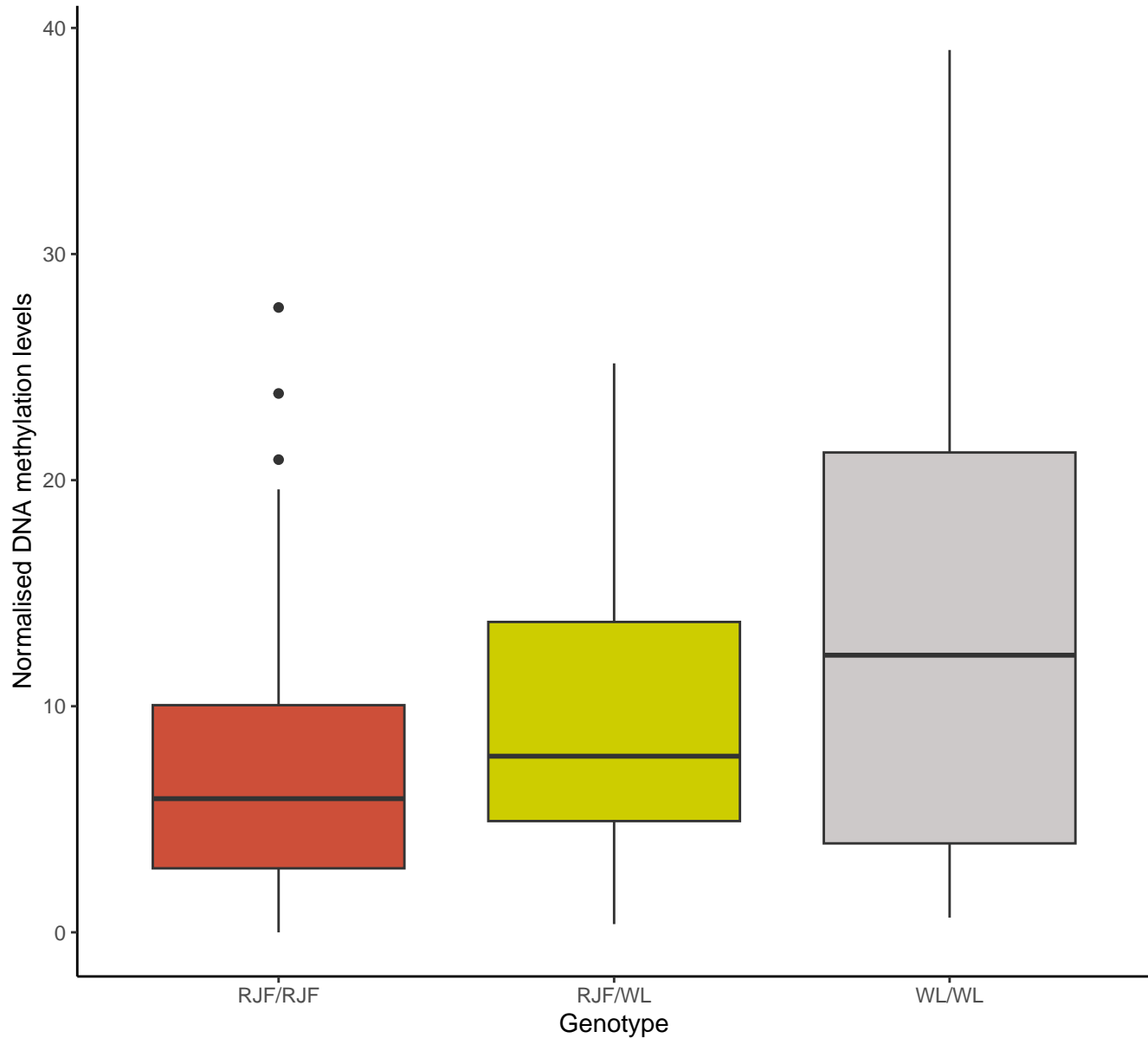
trans mQTL | chr2@1050.96cM | LOD: 7.35

Methbin: chrZ_25000 | marker:Gg_rs15154698

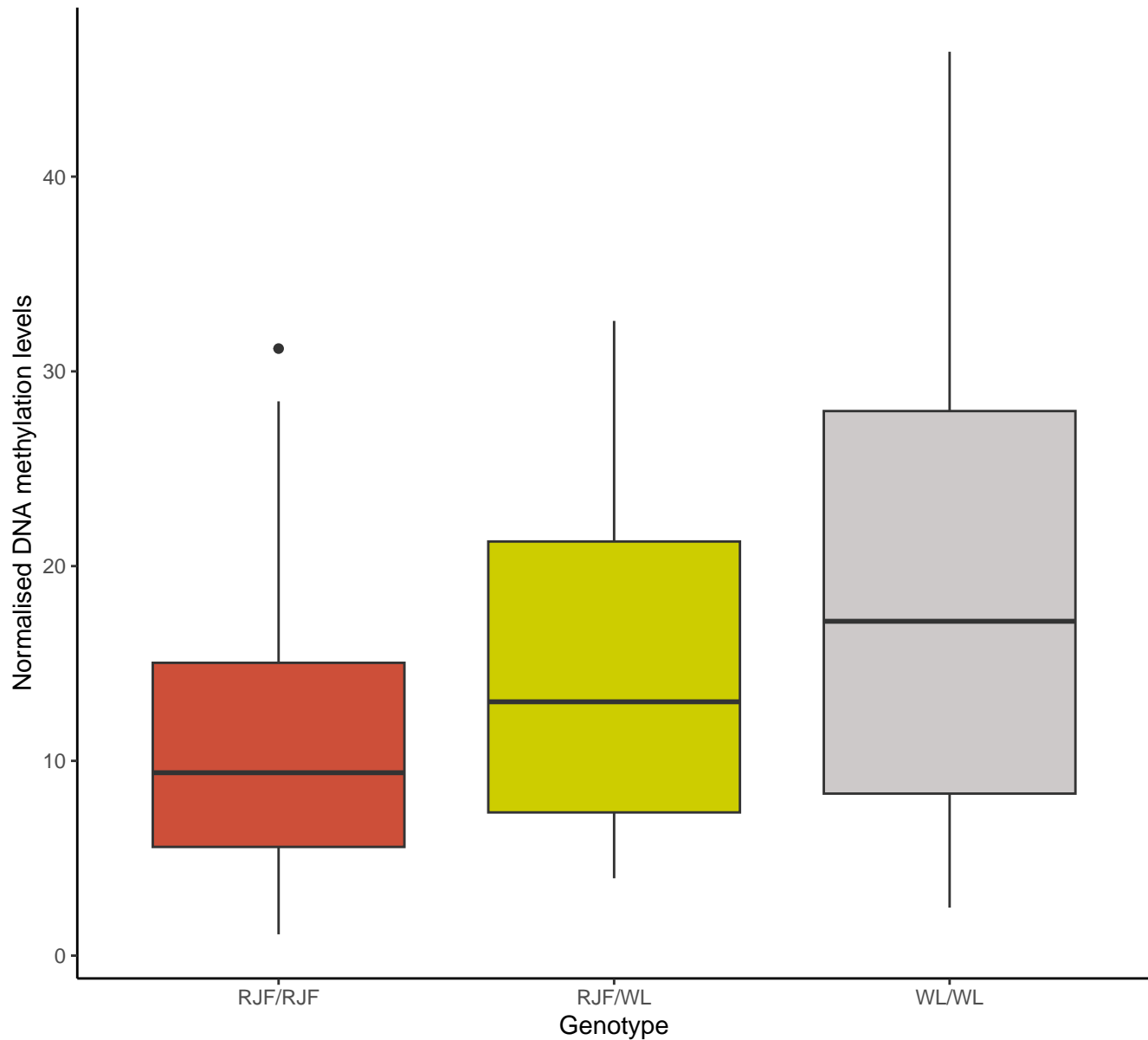
CI: chr2:1032.4–1118.56cM



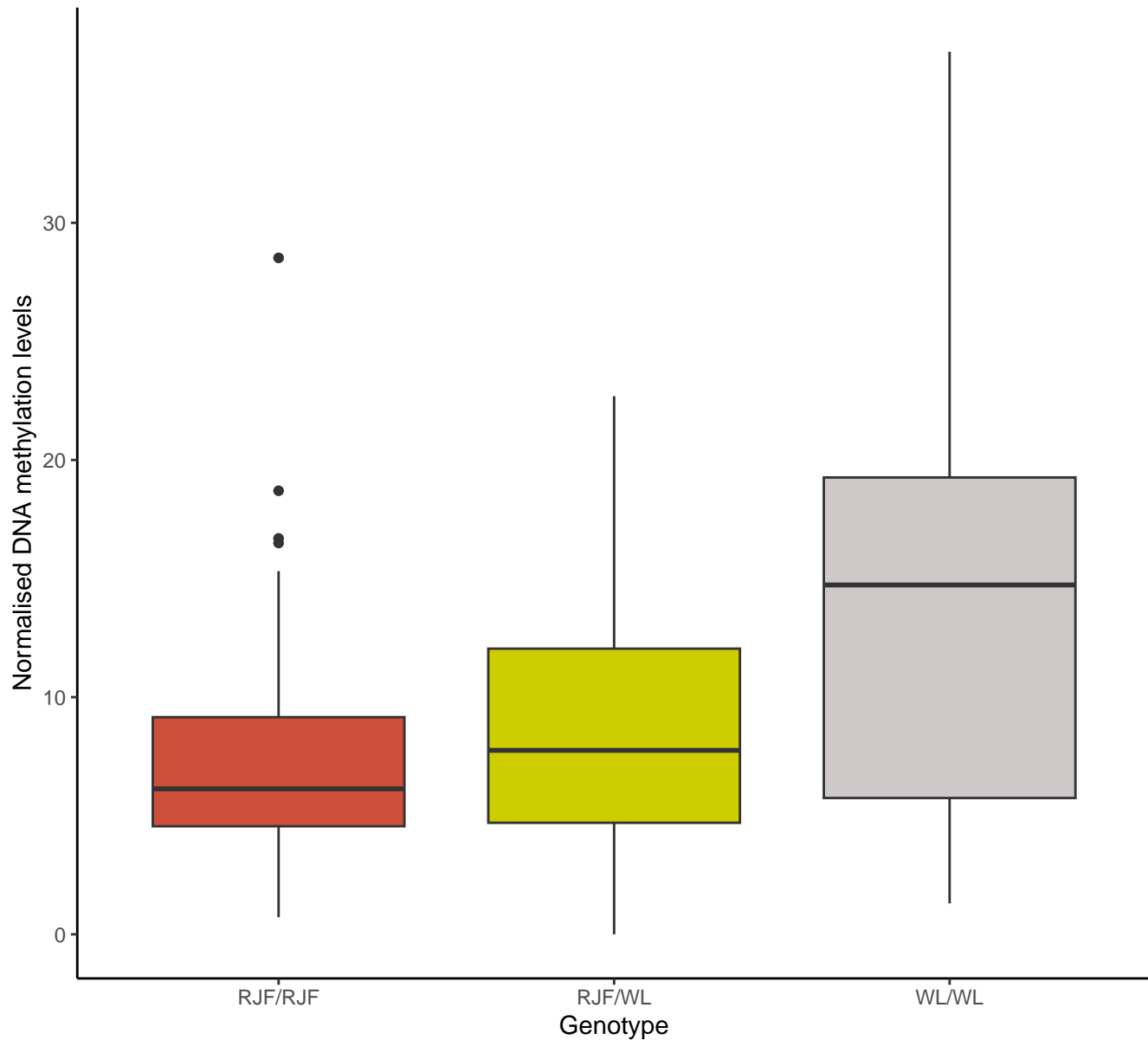
trans mQTL | chr3@219cM | LOD: 6.01
Methbin: chrZ_59000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 6.18
Methbin: chrZ_61000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



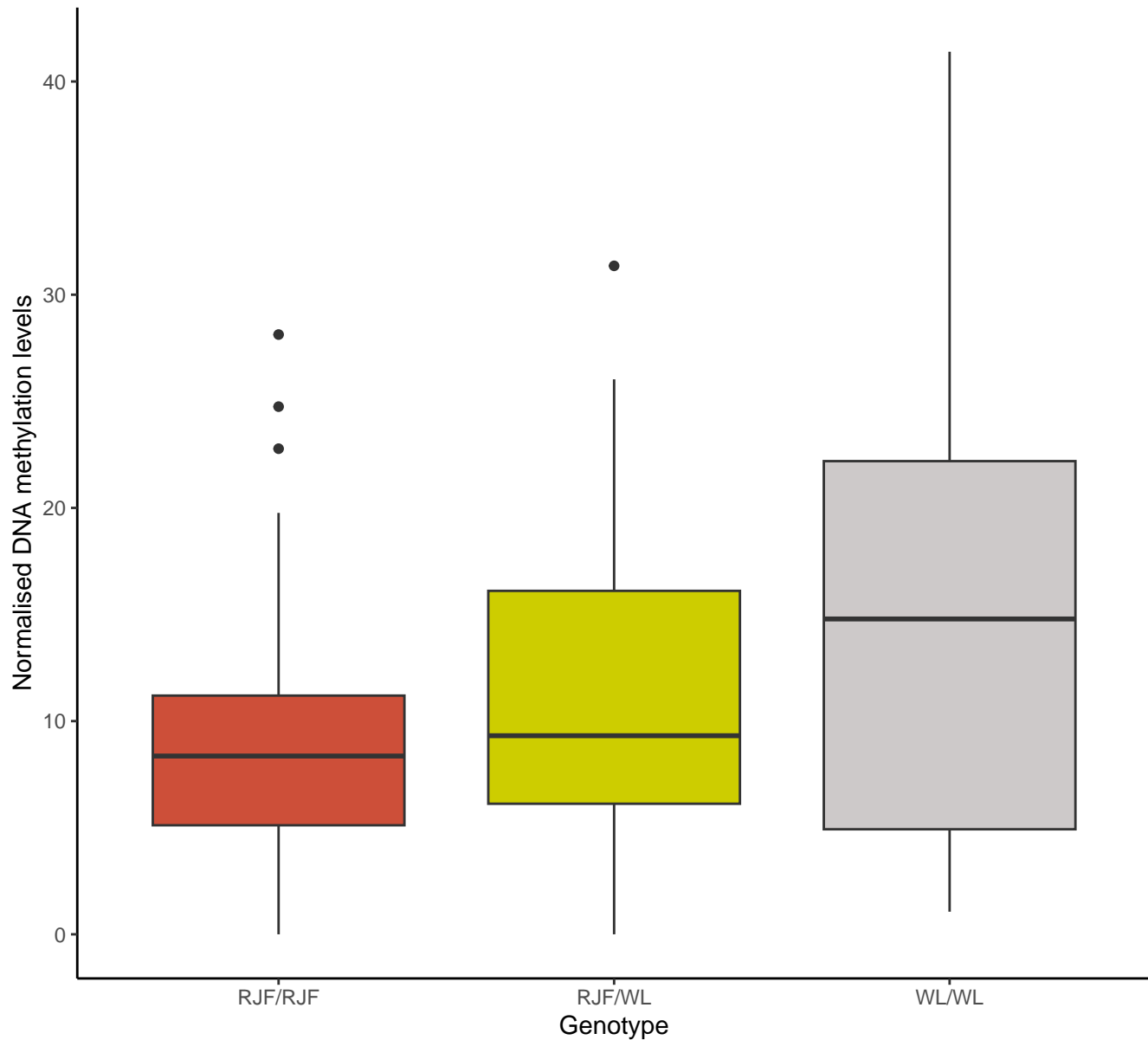
trans mQTL | chr3@219cM | LOD: 8.37
Methbin: chrZ_118000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 6.48

Methbin: chrZ_120000 | marker:Gg_rs15282380

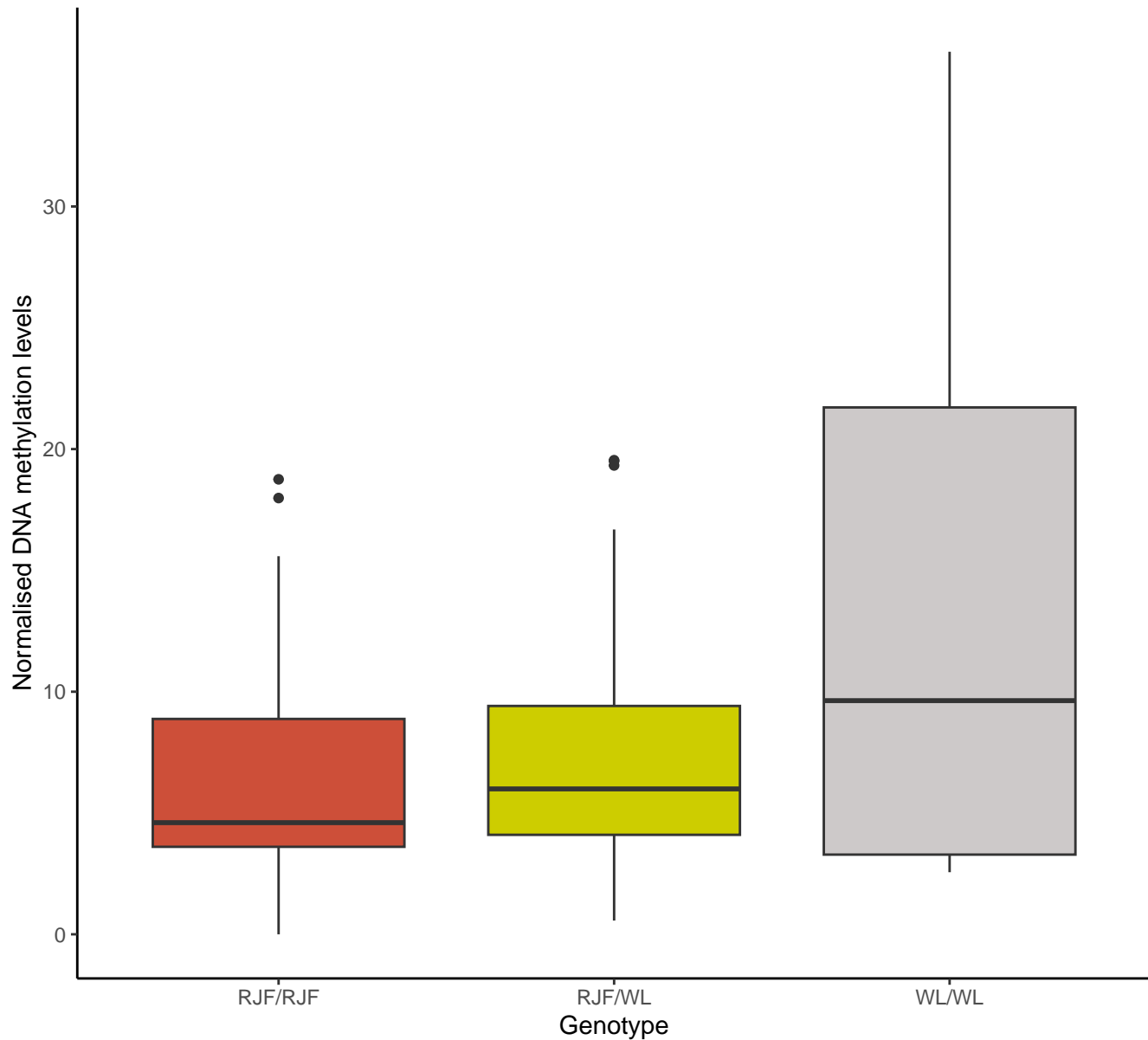
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 9.11

Methbin: chrZ_122000 | marker:Gg_rs15282380

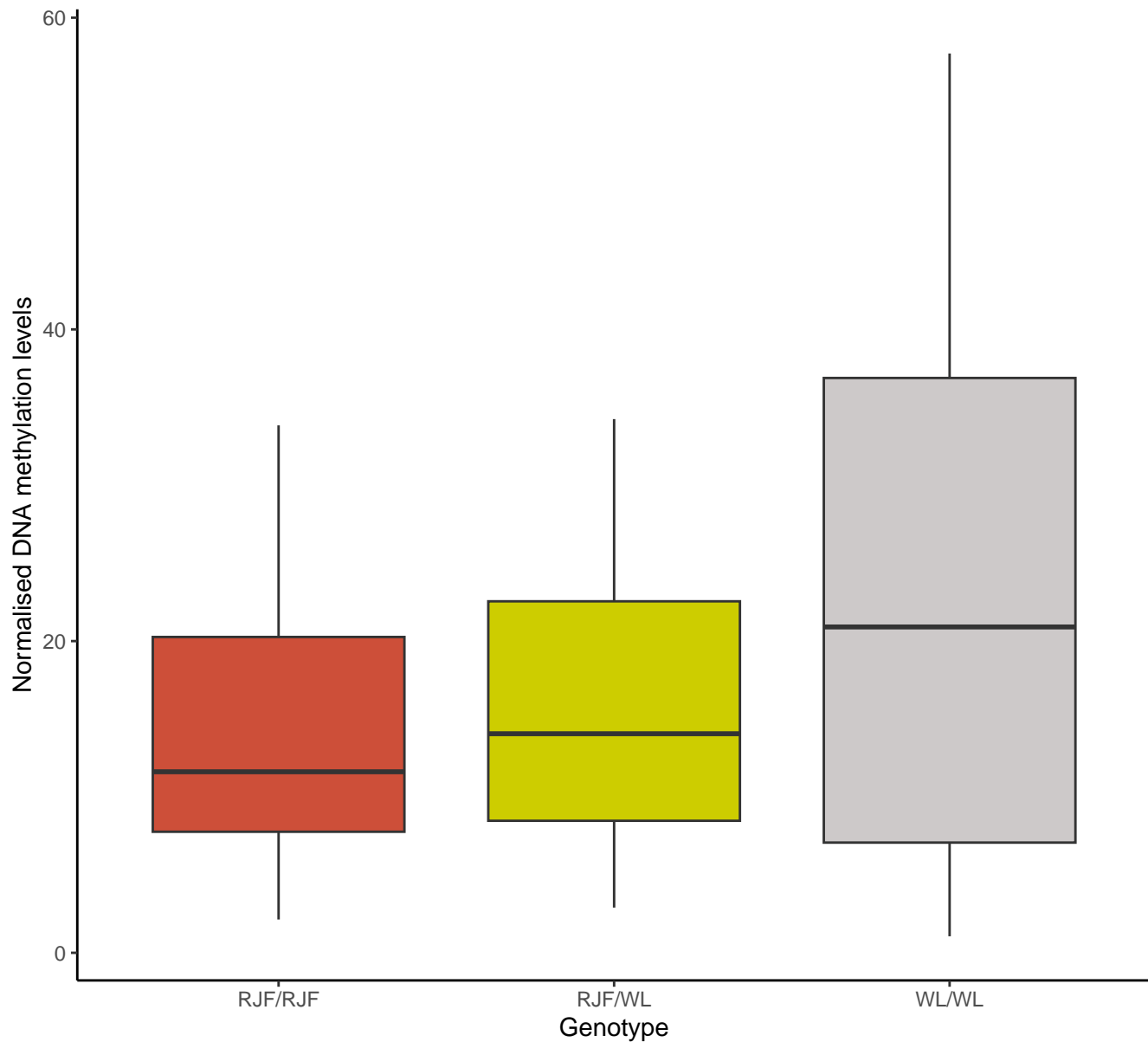
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.23

Methbin: chrZ_124000 | marker:Gg_rs15282380

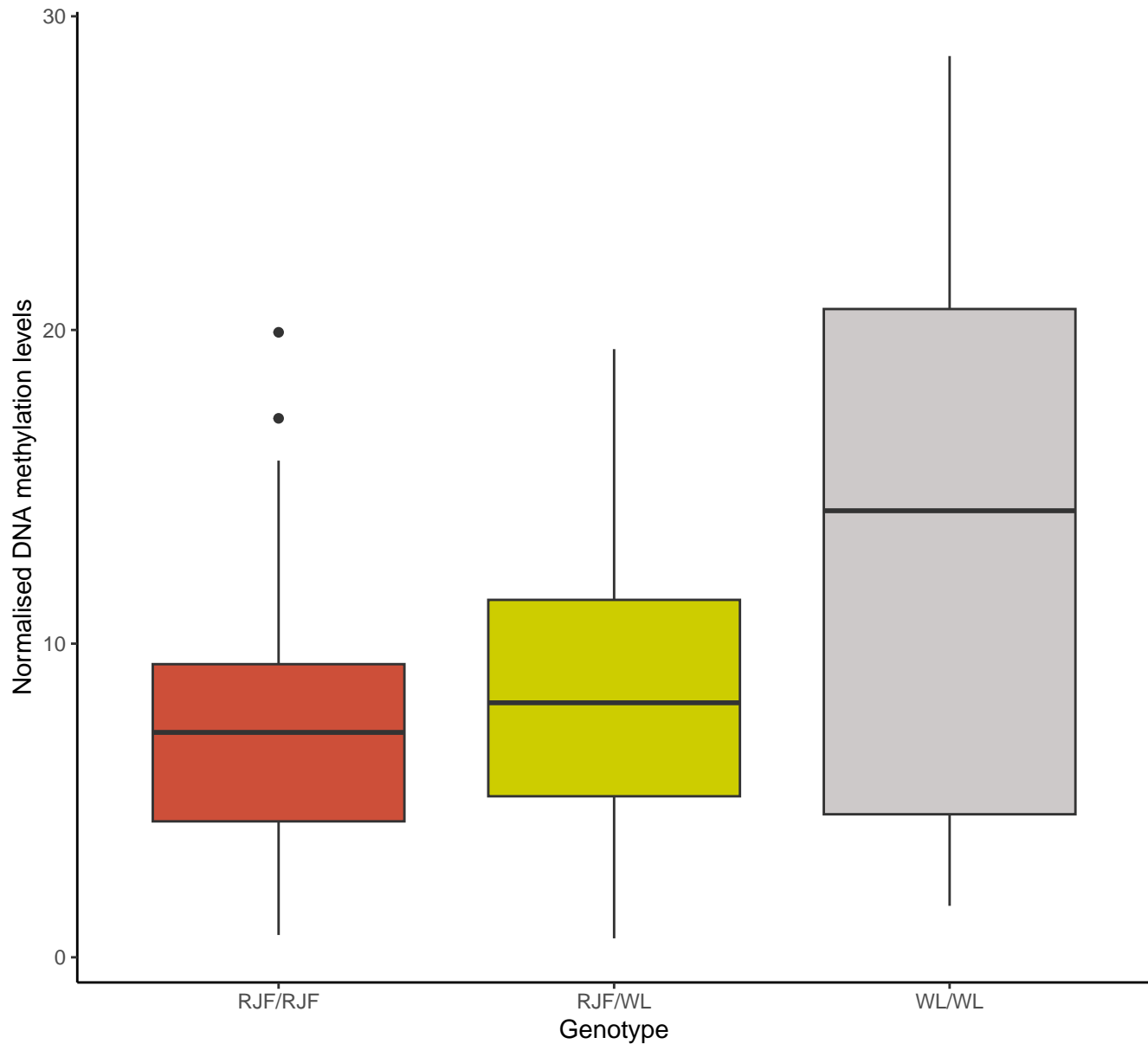
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 9.55

Methbin: chrZ_125000 | marker:Gg_rs15282380

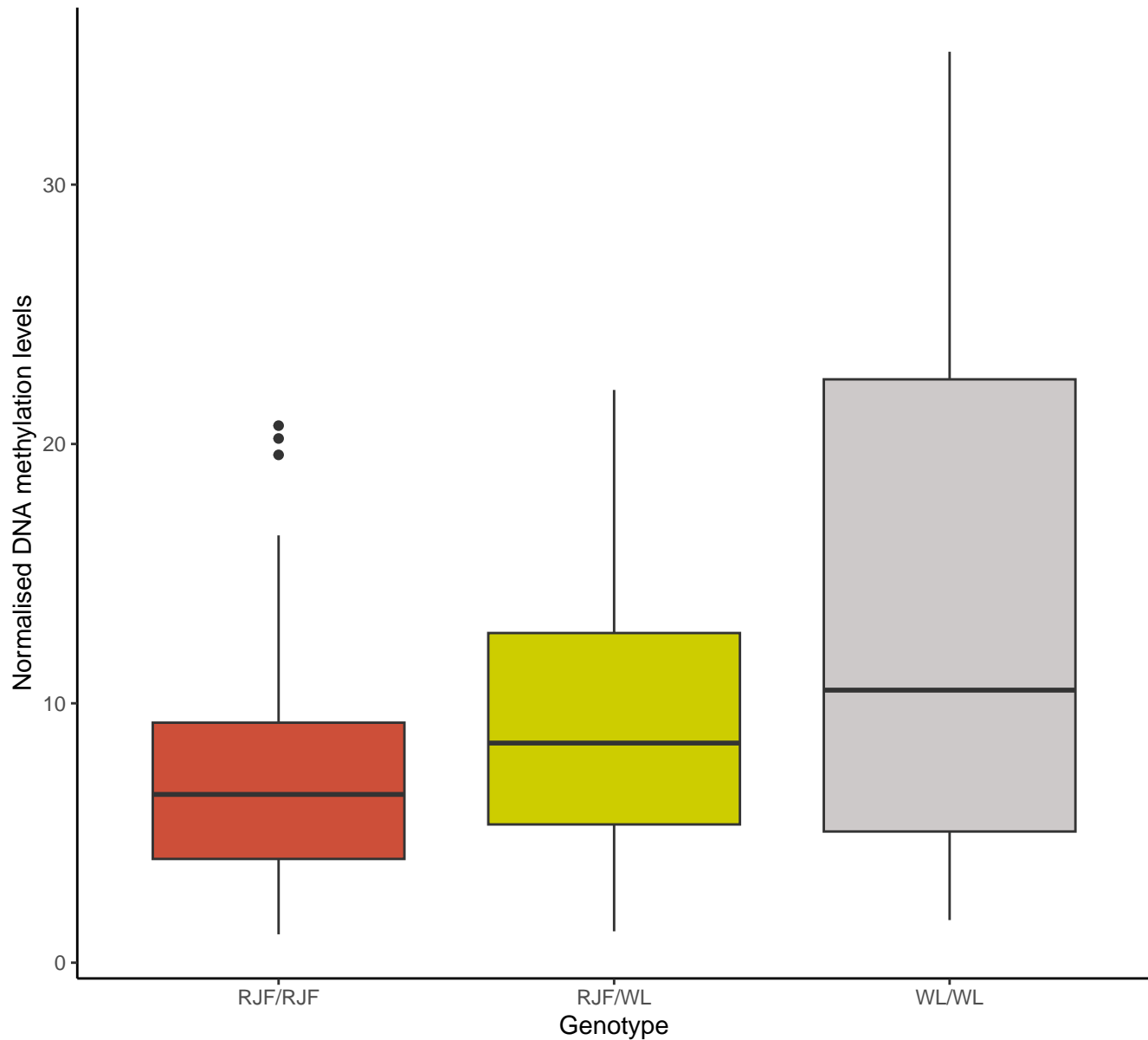
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 9.22

Methbin: chrZ_129000 | marker:Gg_rs15282380

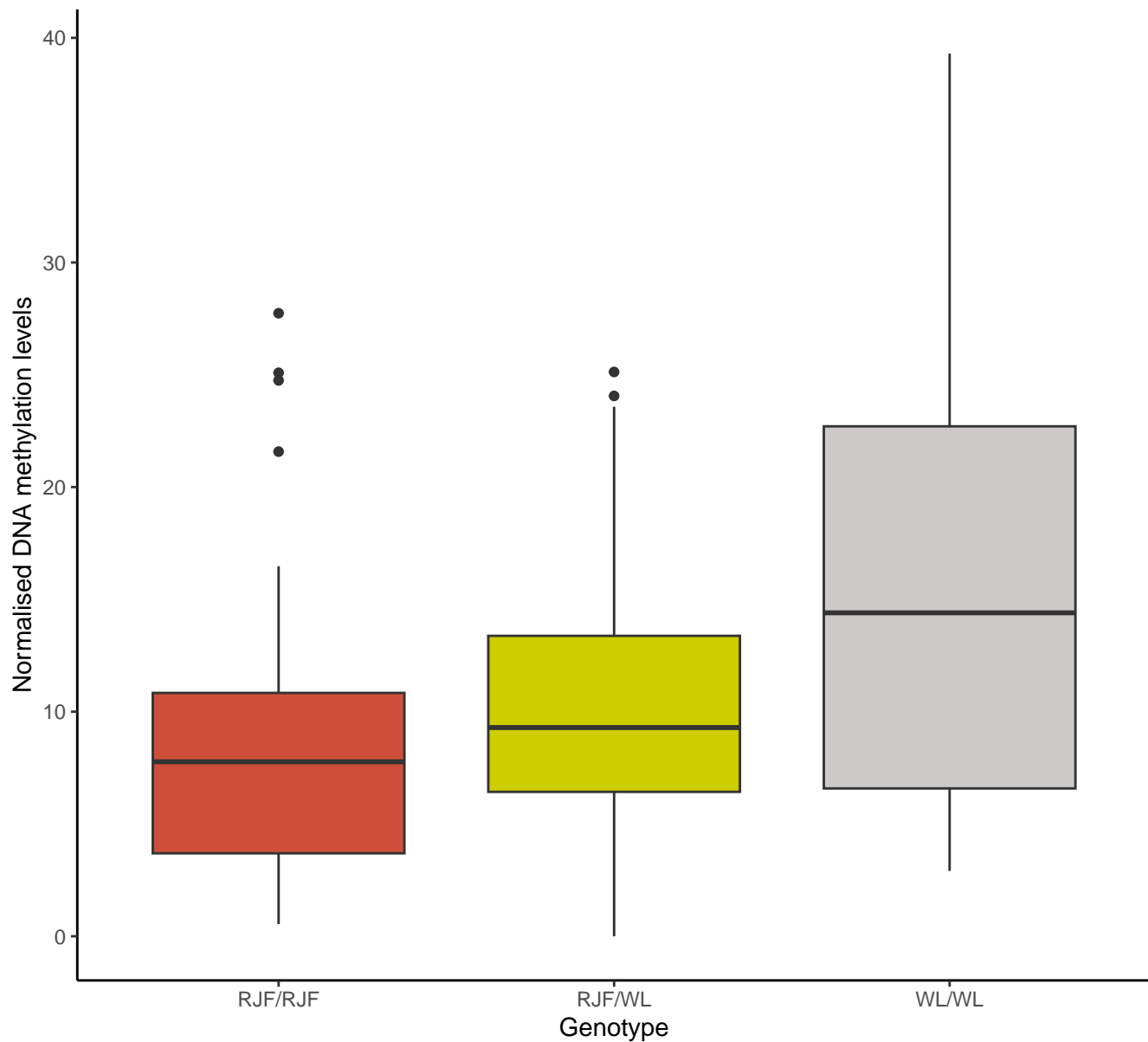
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.22

Methbin: chrZ_130000 | marker:Gg_rs15282380

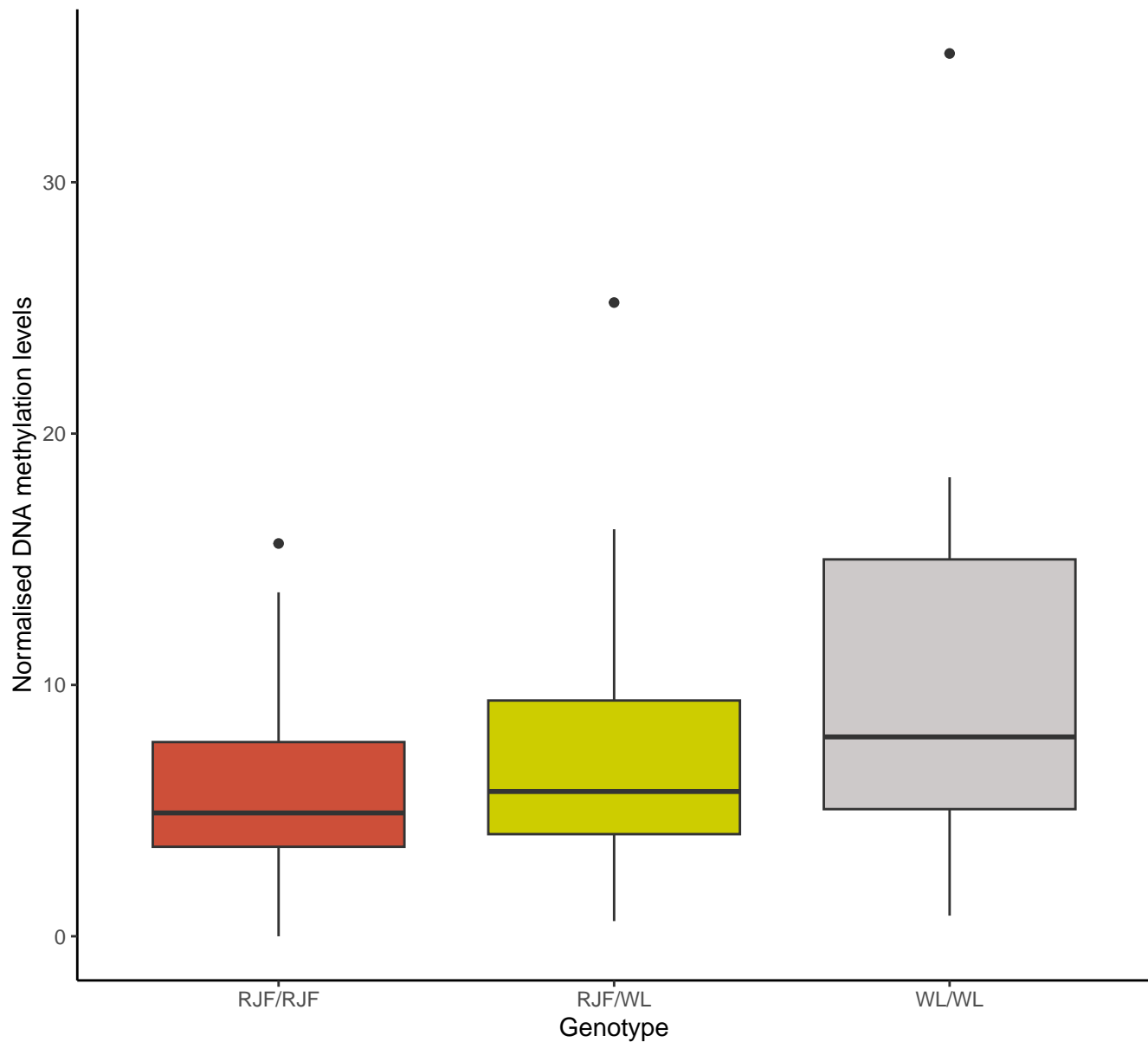
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 6.09

Methbin: chrZ_133000 | marker:Gg_rs15282380

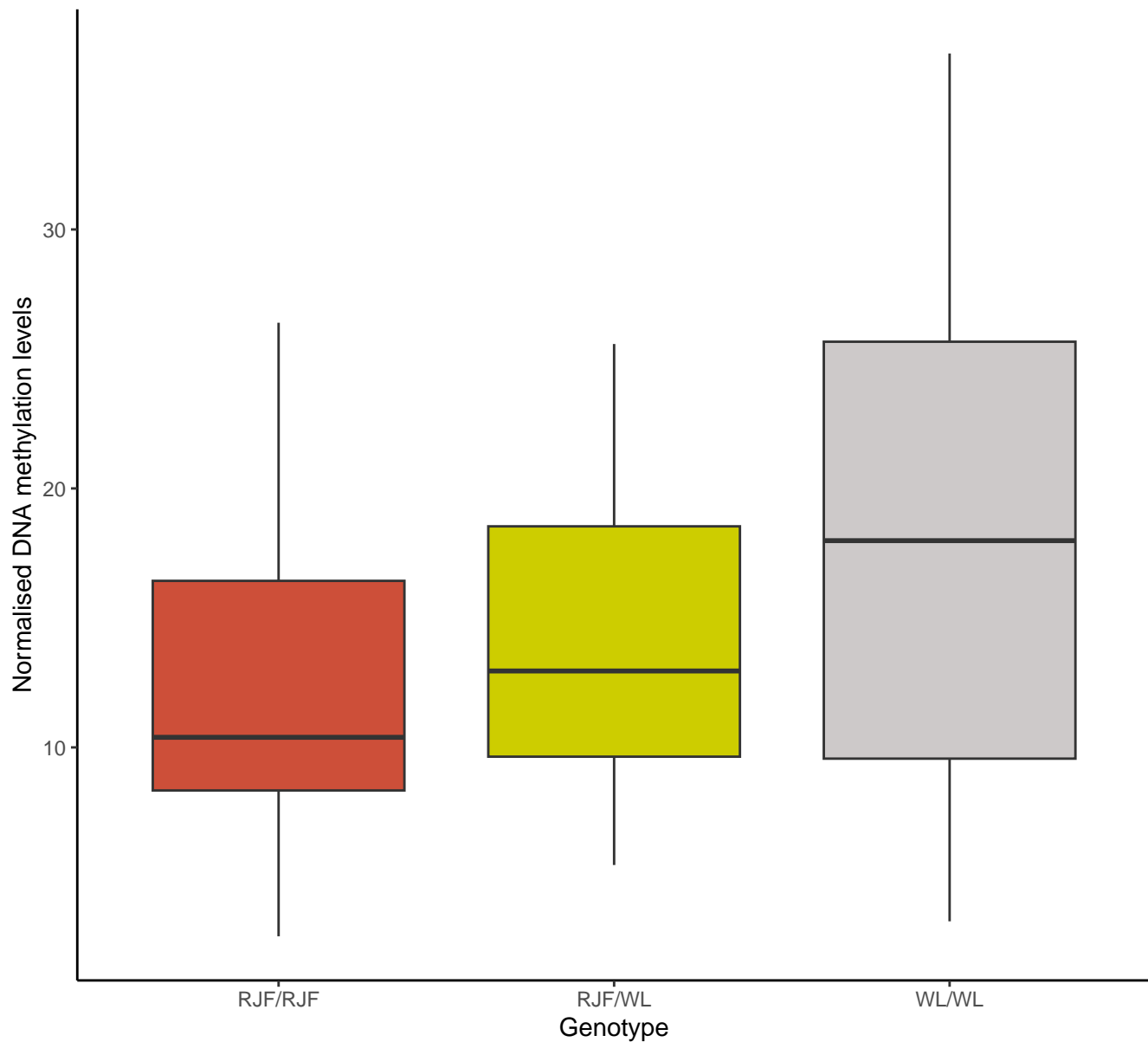
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 6.68

Methbin: chrZ_166000 | marker:Gg_rs15282380

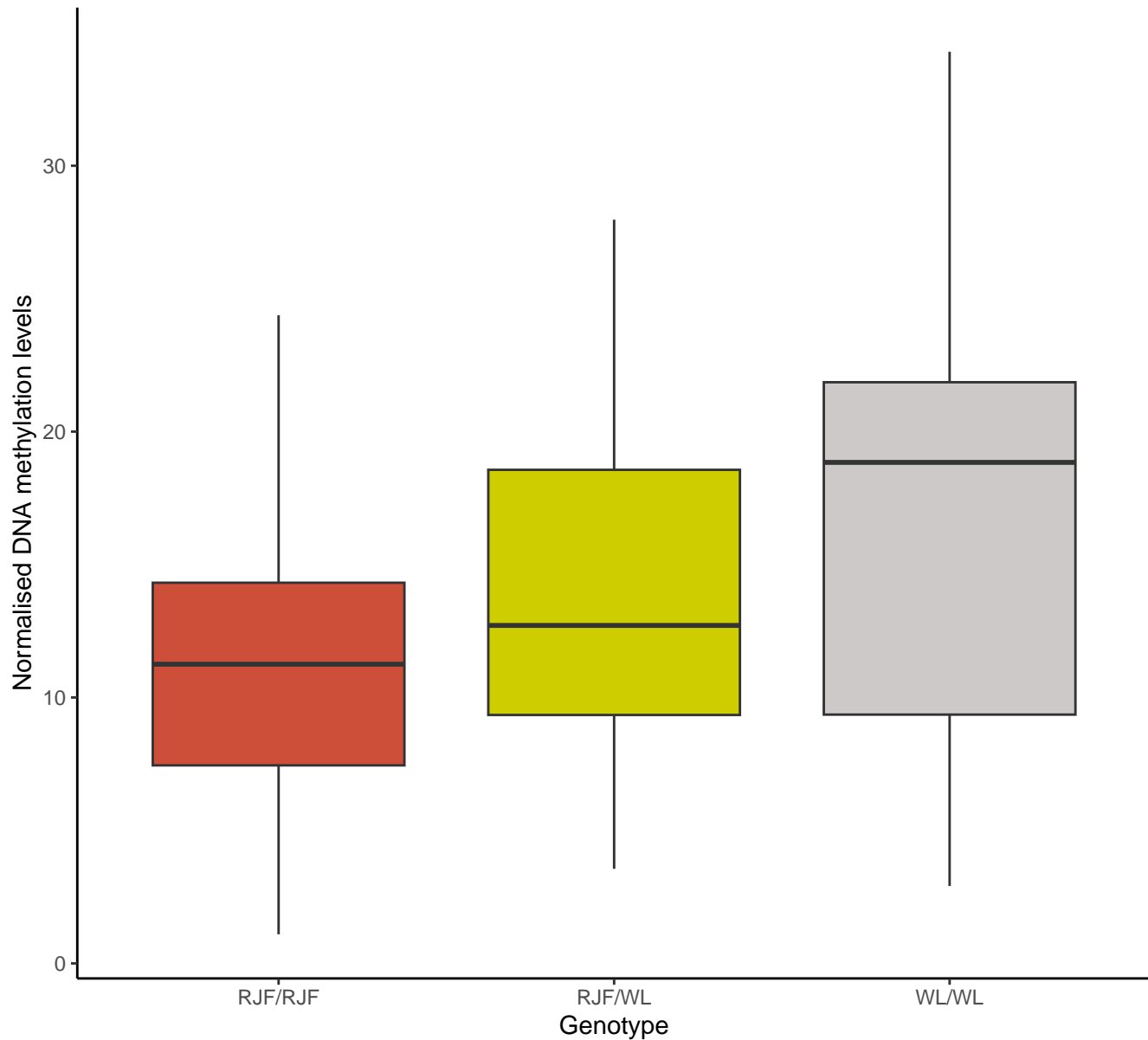
CI: chr3:181–270.84cM



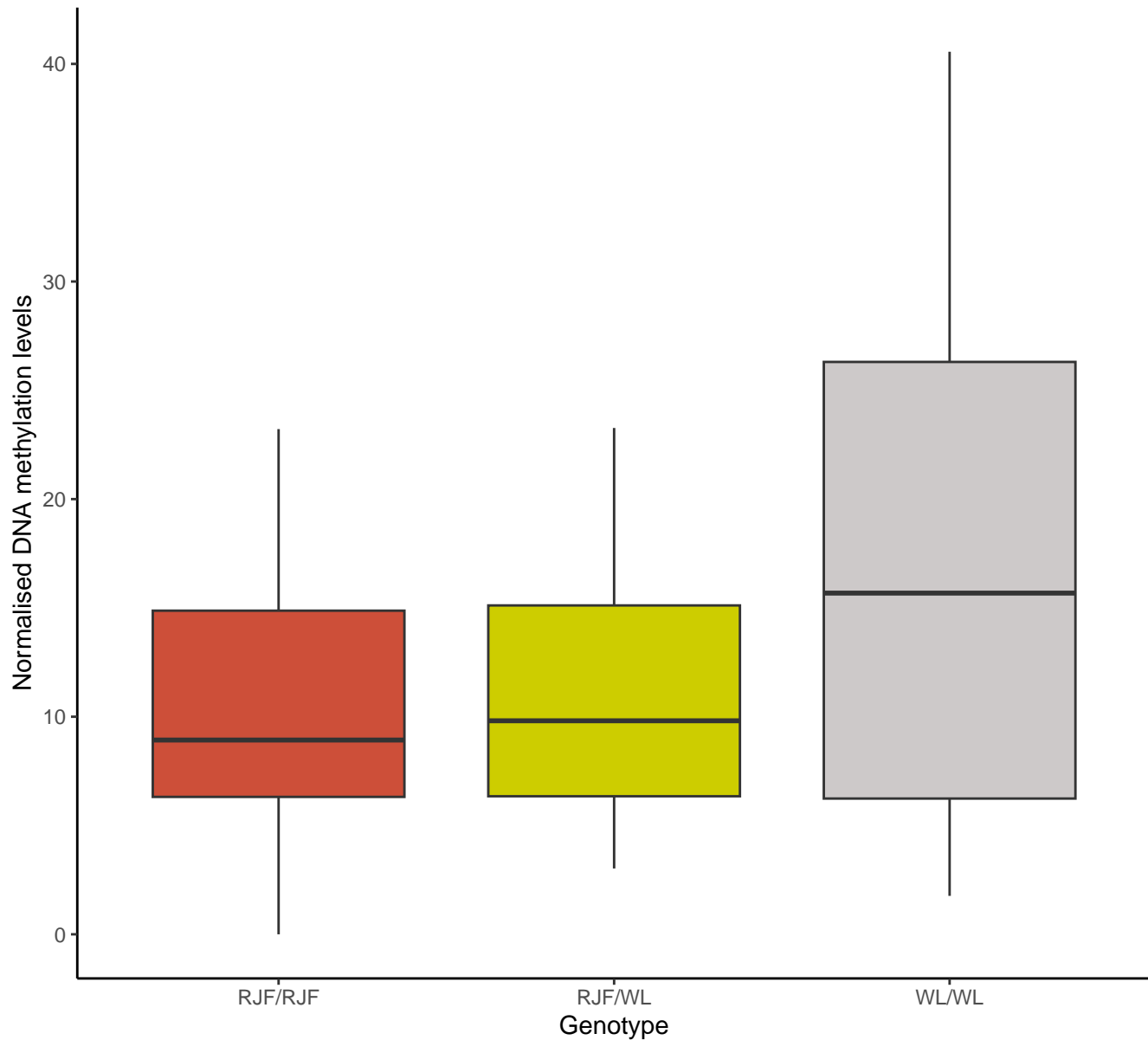
trans mQTL | chr3@219cM | LOD: 6.52

Methbin: chrZ_232000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



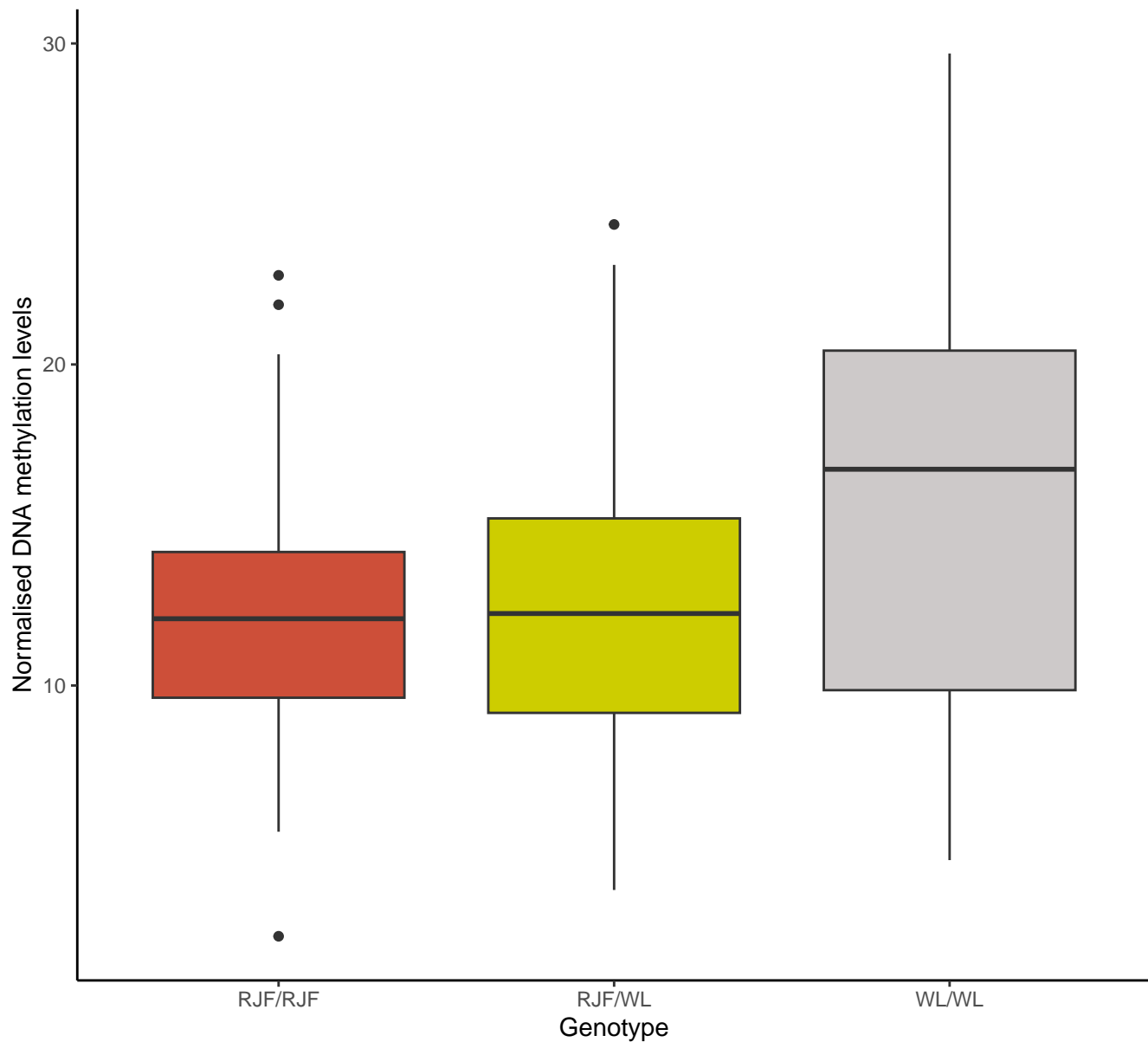
trans mQTL | chr3@219cM | LOD: 9.57
Methbin: chrZ_305000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 6.12

Methbin: chrZ_323000 | marker:Gg_rs15282380

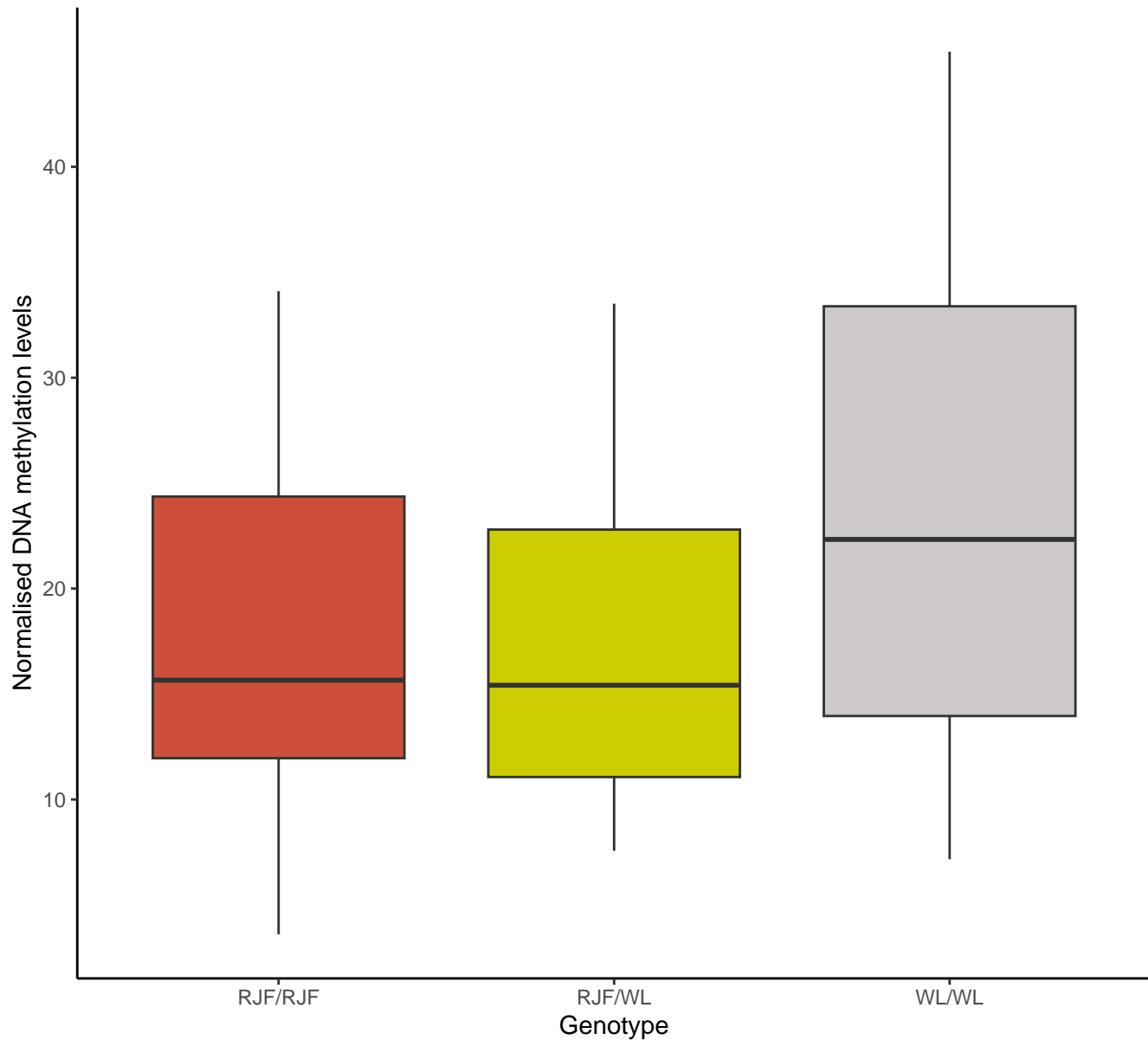
CI: chr3:181–270.84cM



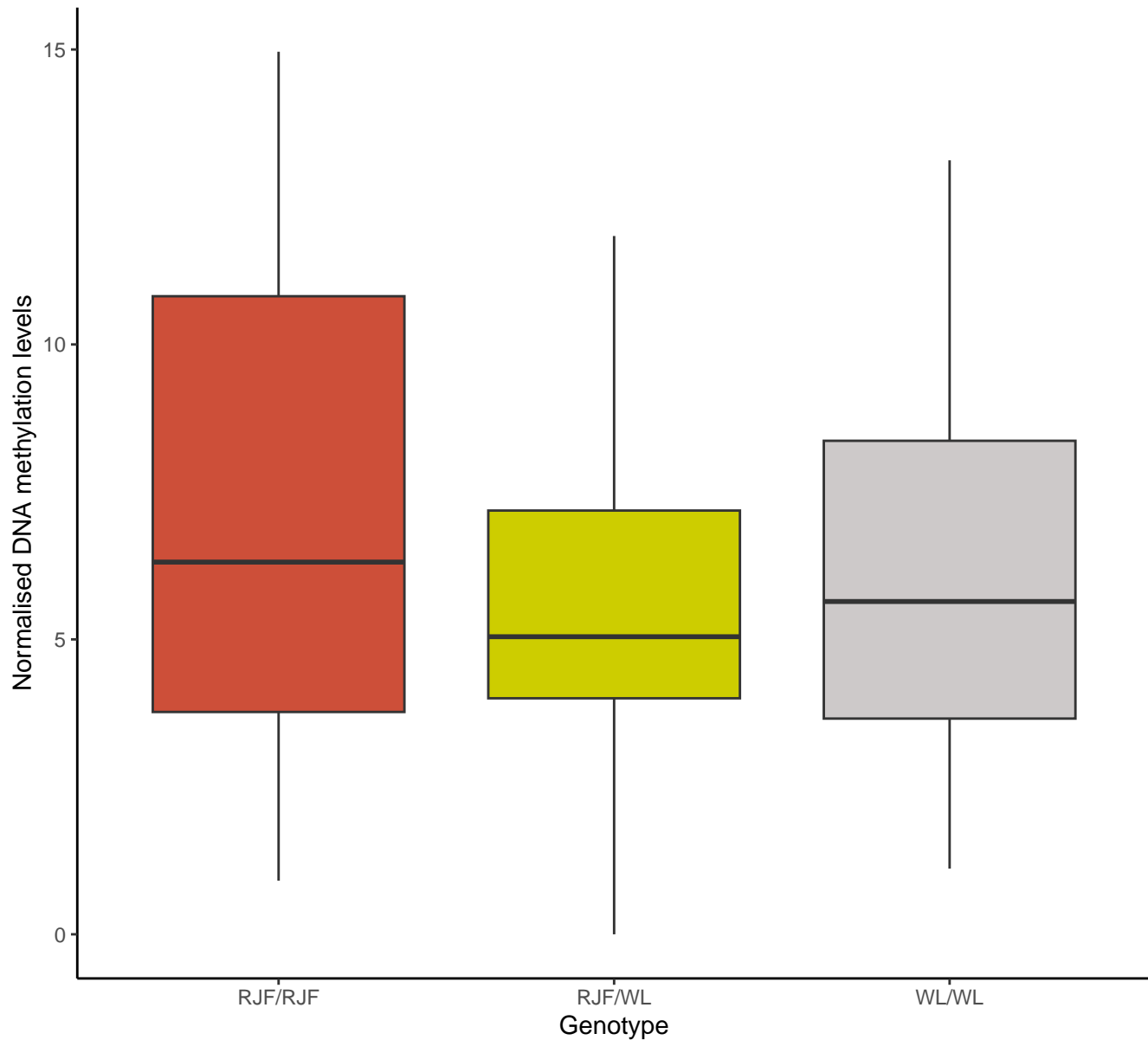
trans mQTL | chr3@219cM | LOD: 6.92

Methbin: chrZ_409000 | marker:Gg_rs15282380

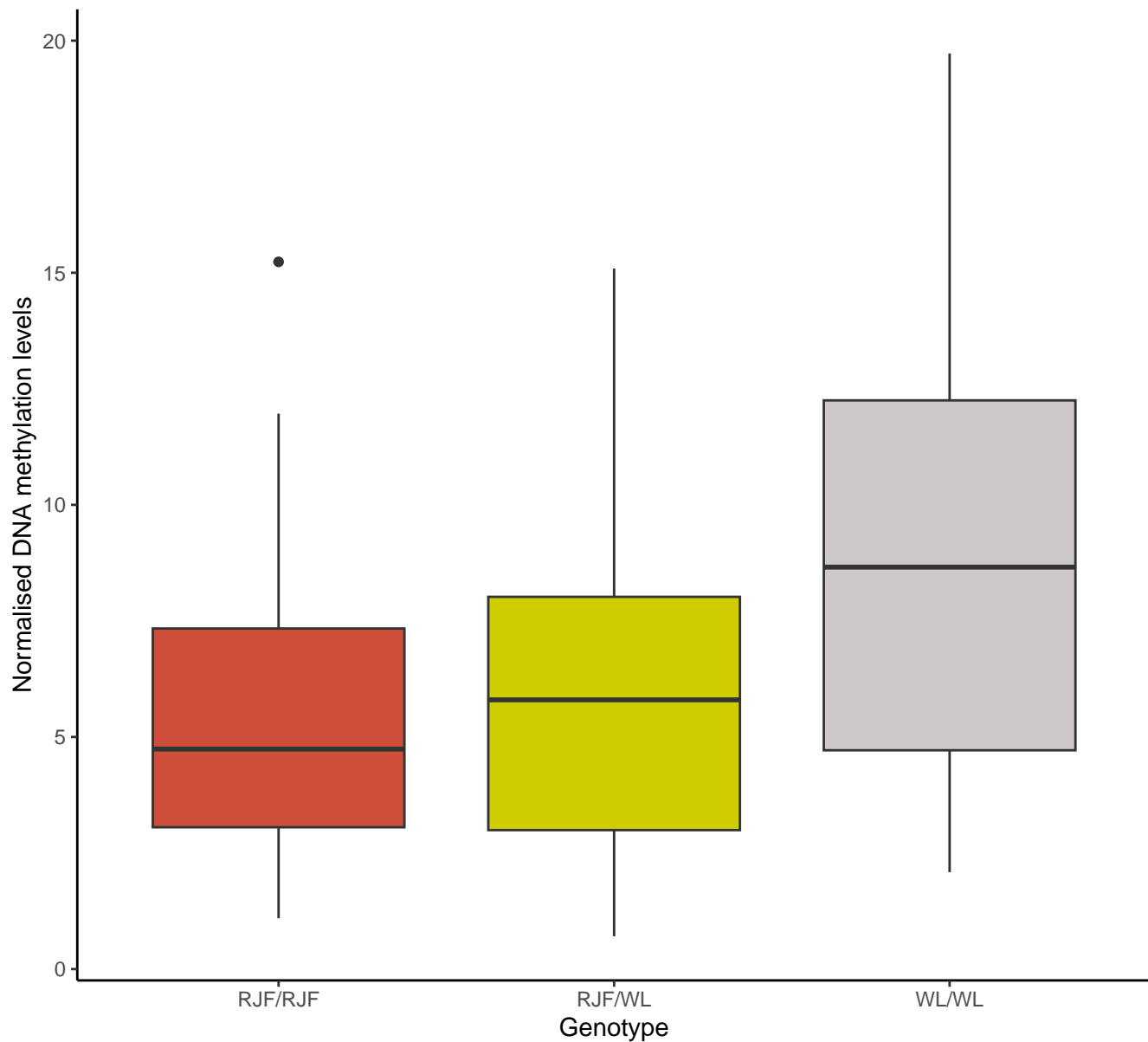
CI: chr3:181–270.84cM



trans mQTL | chr1@1409.38cM | LOD: 8.09
Methbin: chrZ_725000 | marker:Gg_rs13901810
CI: chr1:1393.29–1417.54cM



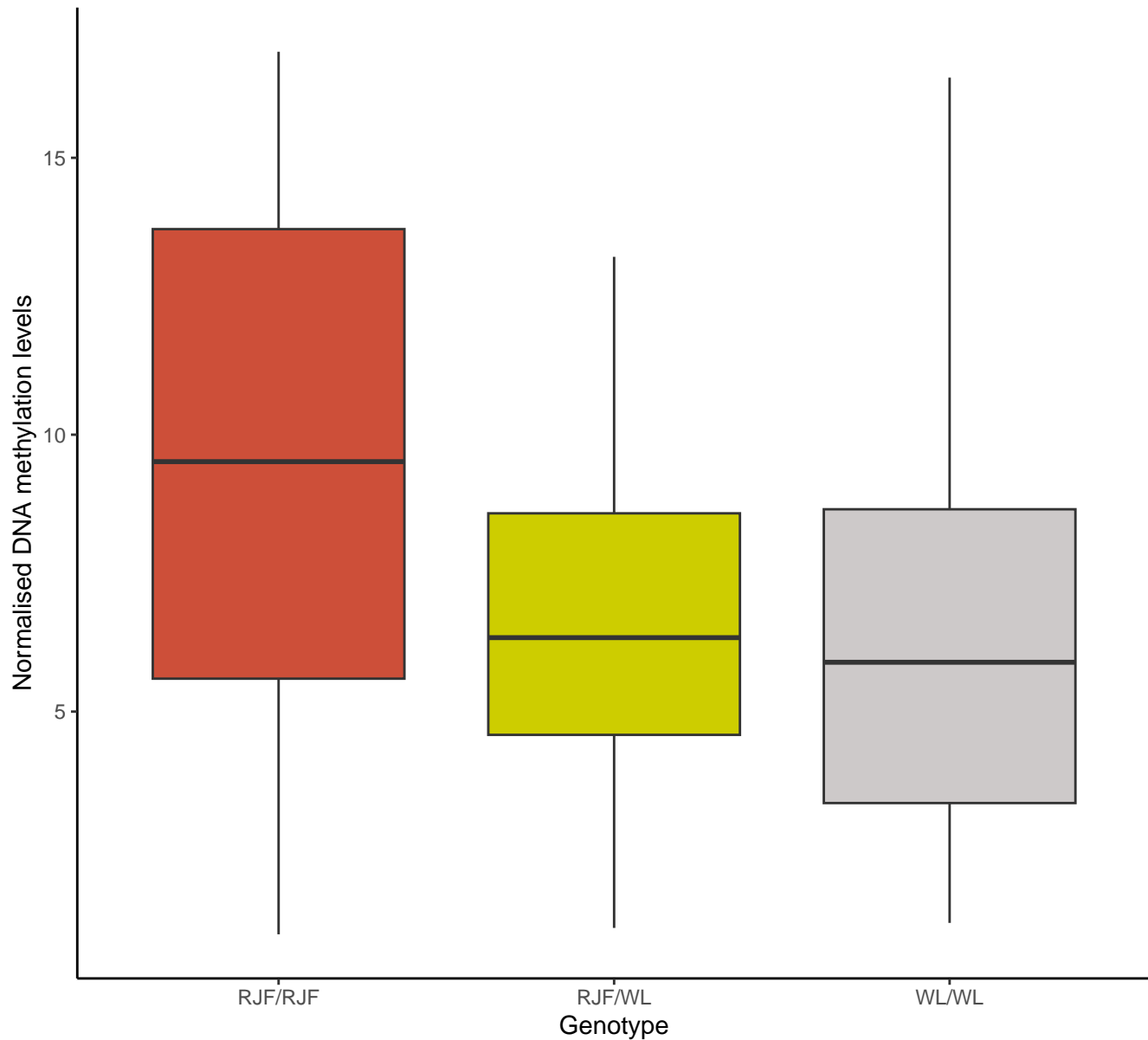
trans mQTL | chr1@1745.77cM | LOD: 6.92
Methbin: chrZ_878000 | marker:X1_134165693
CI: chr1:1728.57–1757.02cM



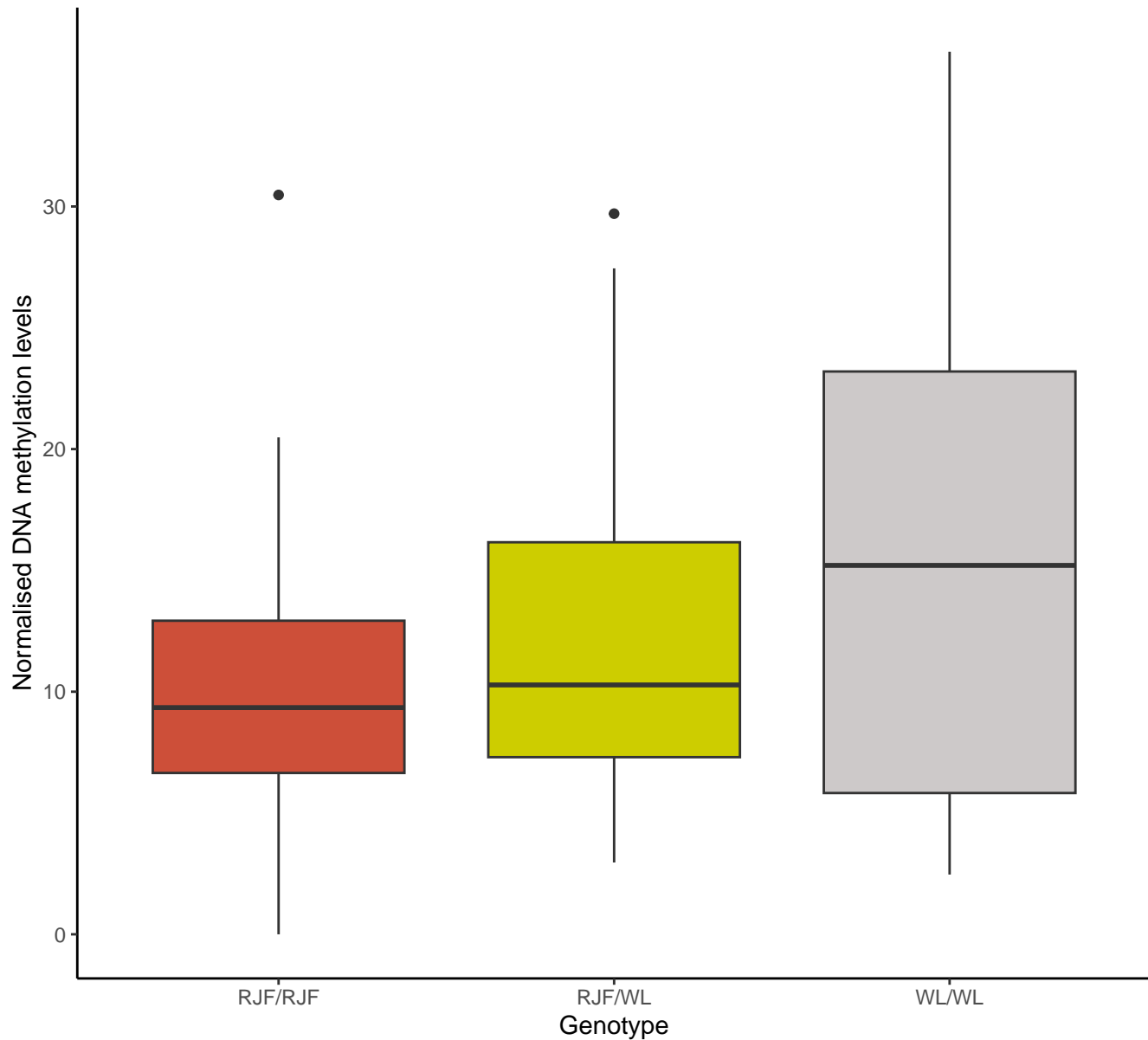
trans mQTL | chr21 @8.69cM | LOD: 8.91

Methbin: chrZ_1194000 | marker:GG_rs15181258

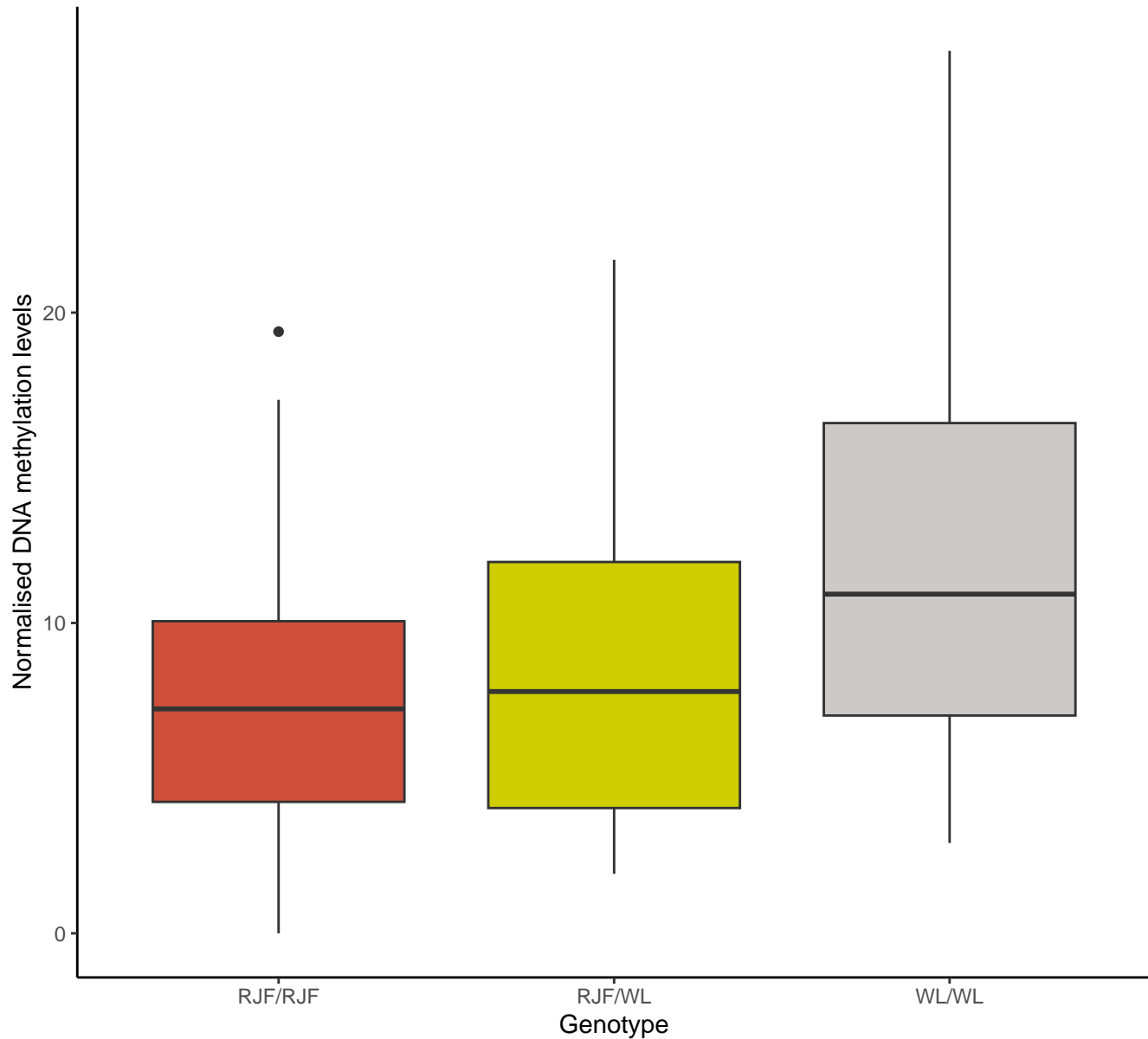
CI: chr21:0–16.35cM



trans mQTL | chr3@219cM | LOD: 5.92
Methbin: chrZ_1305000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



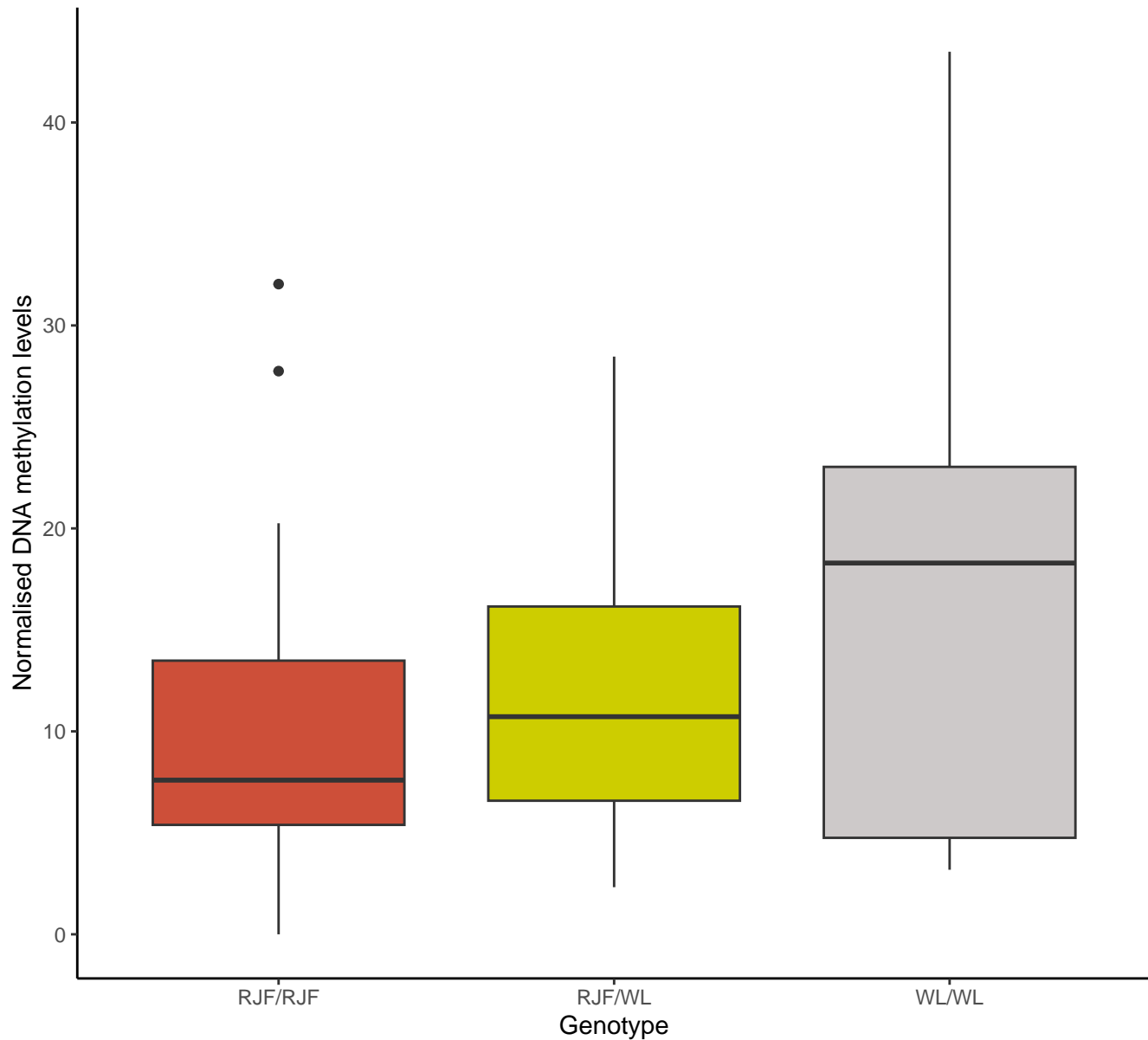
trans mQTL | chr3@219cM | LOD: 9.15
Methbin: chrZ_1344000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 8.98

Methbin: chrZ_1346000 | marker:Gg_rs15282380

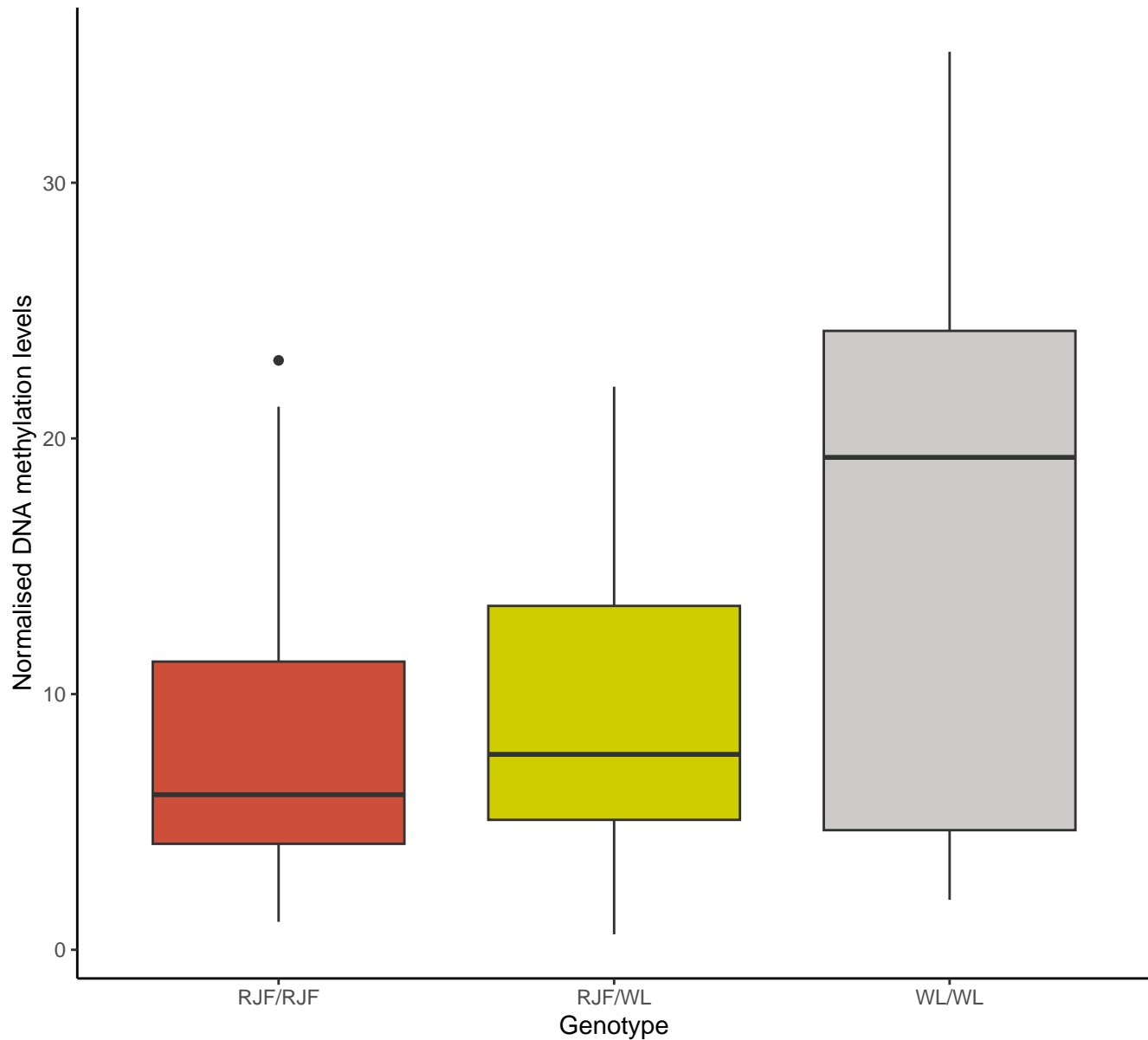
CI: chr3:181–270.84cM



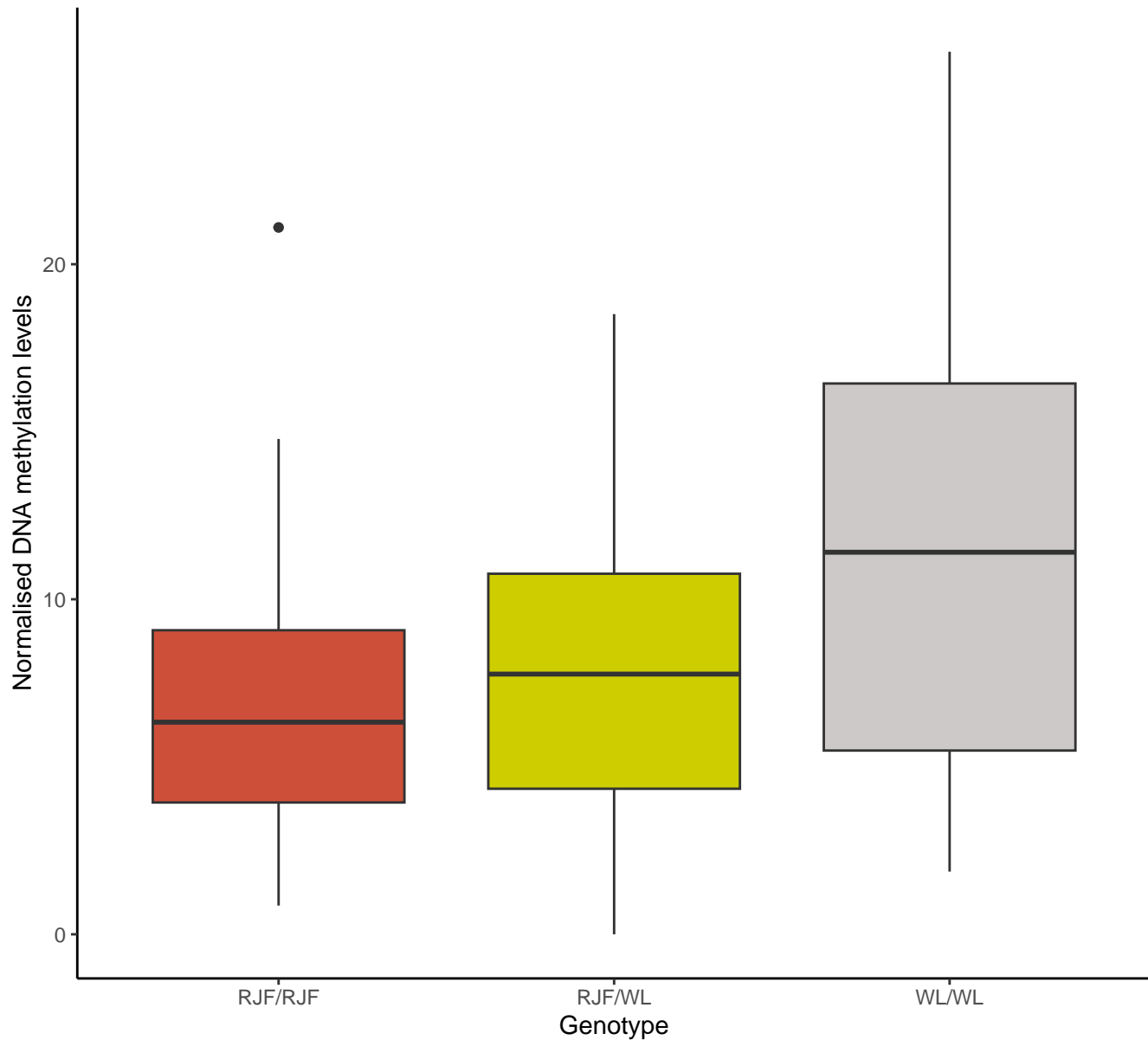
trans mQTL | chr3@219cM | LOD: 10.33

Methbin: chrZ_1347000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



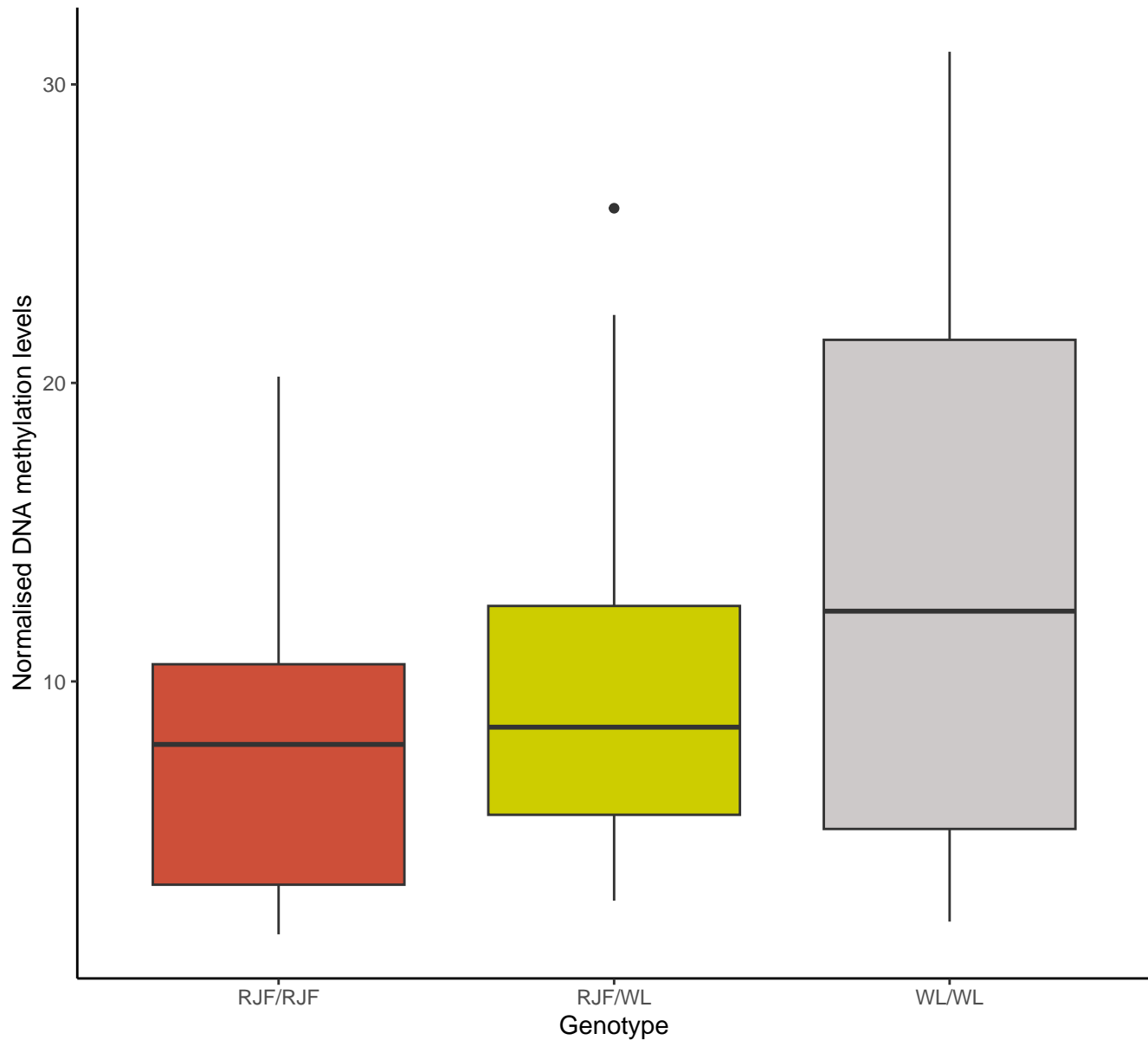
trans mQTL | chr3@219cM | LOD: 7.55
Methbin: chrZ_1348000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.72

Methbin: chrZ_1436000 | marker:Gg_rs15282380

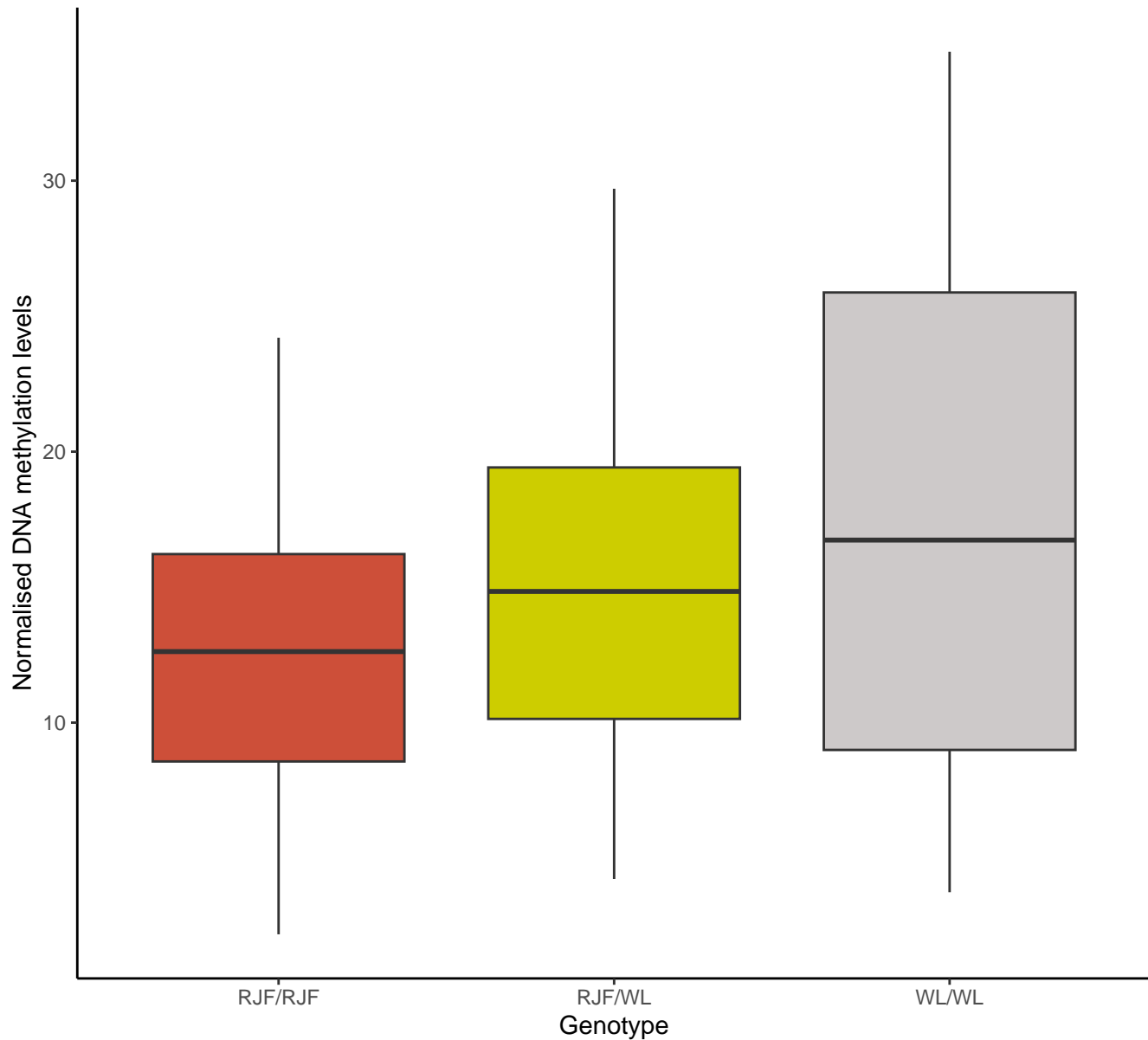
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 5.99

Methbin: chrZ_1438000 | marker:Gg_rs15282380

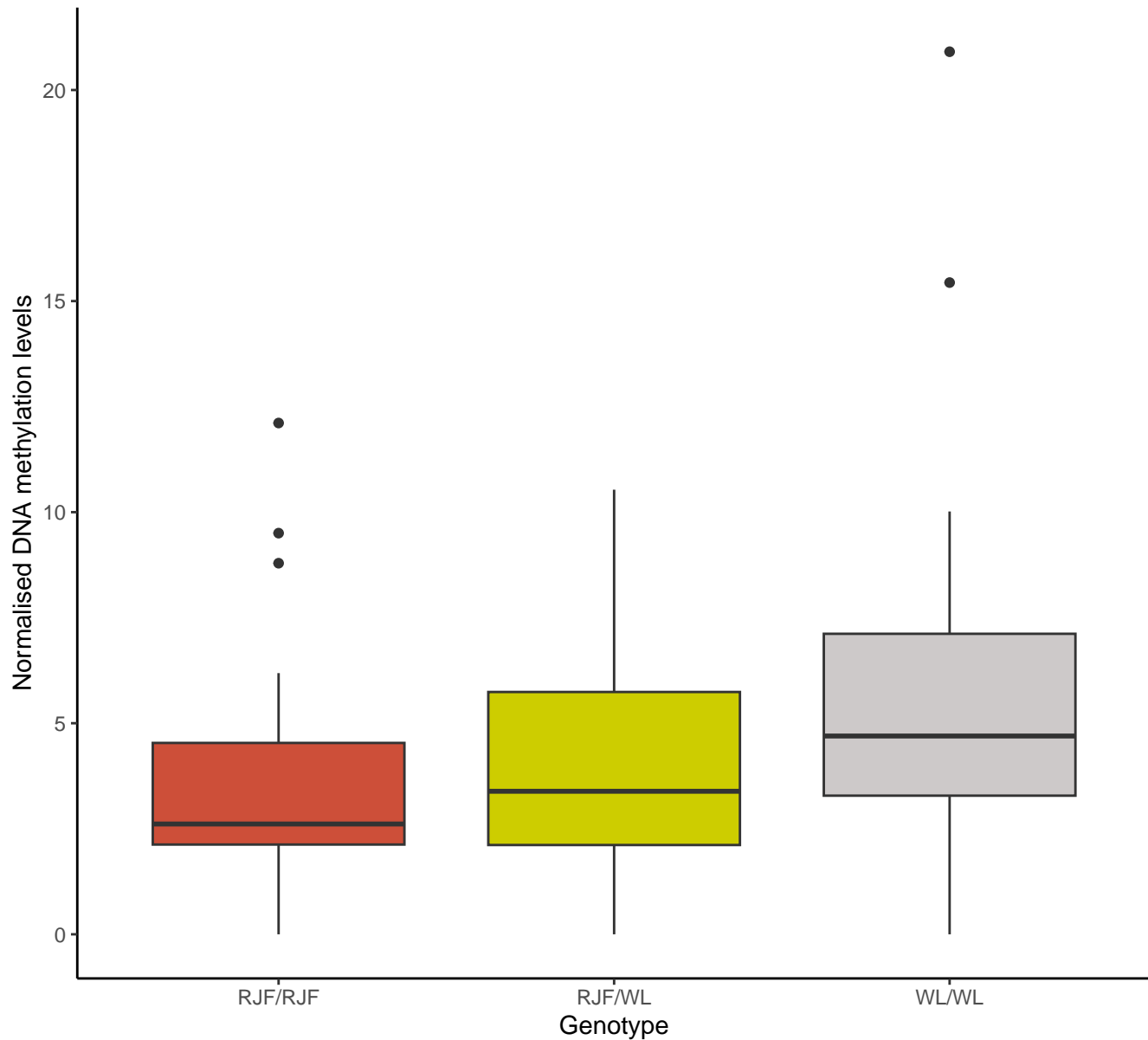
CI: chr3:181–270.84cM



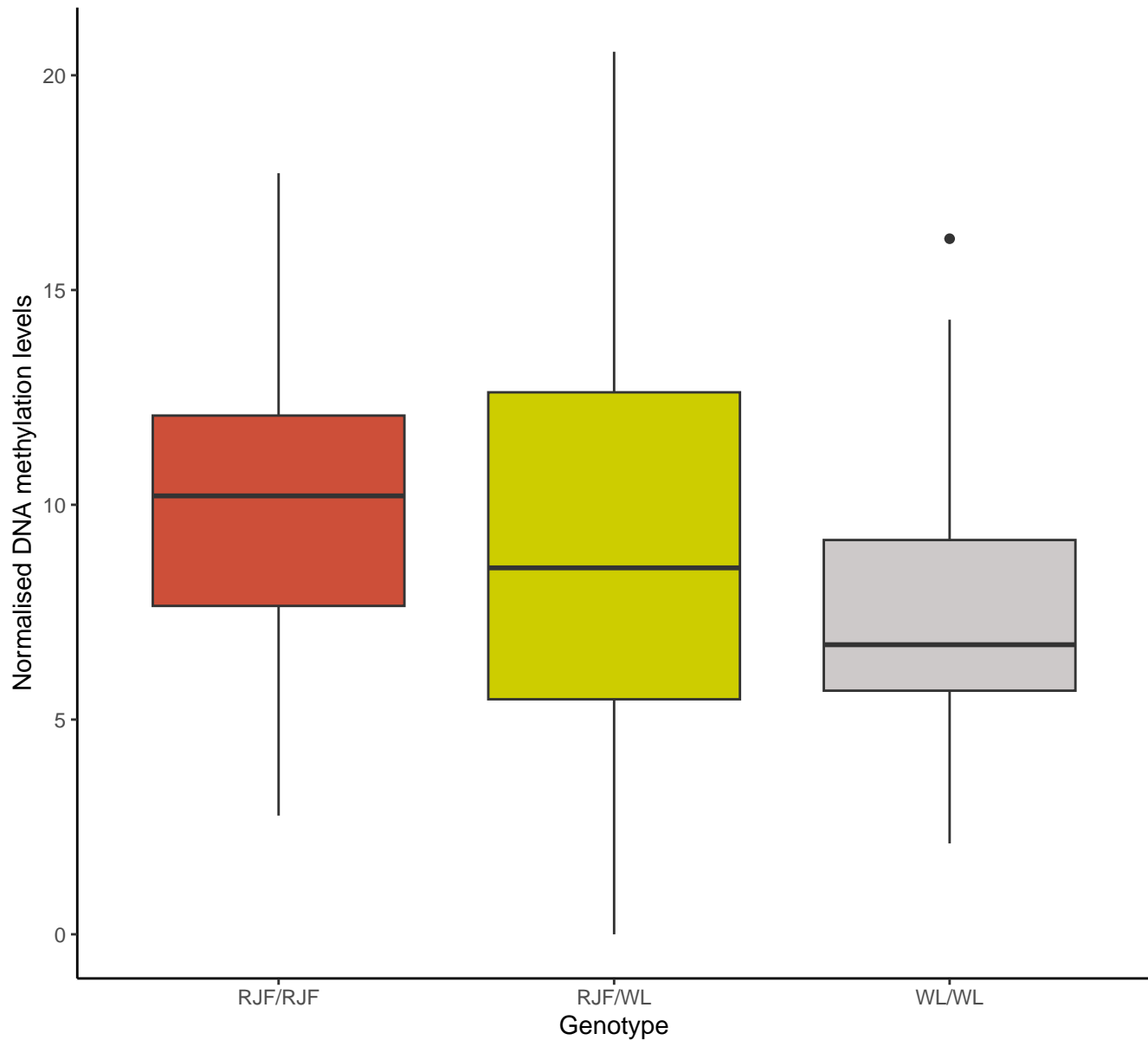
trans mQTL | chr3@219cM | LOD: 6.24

Methbin: chrZ_1459000 | marker:Gg_rs15282380

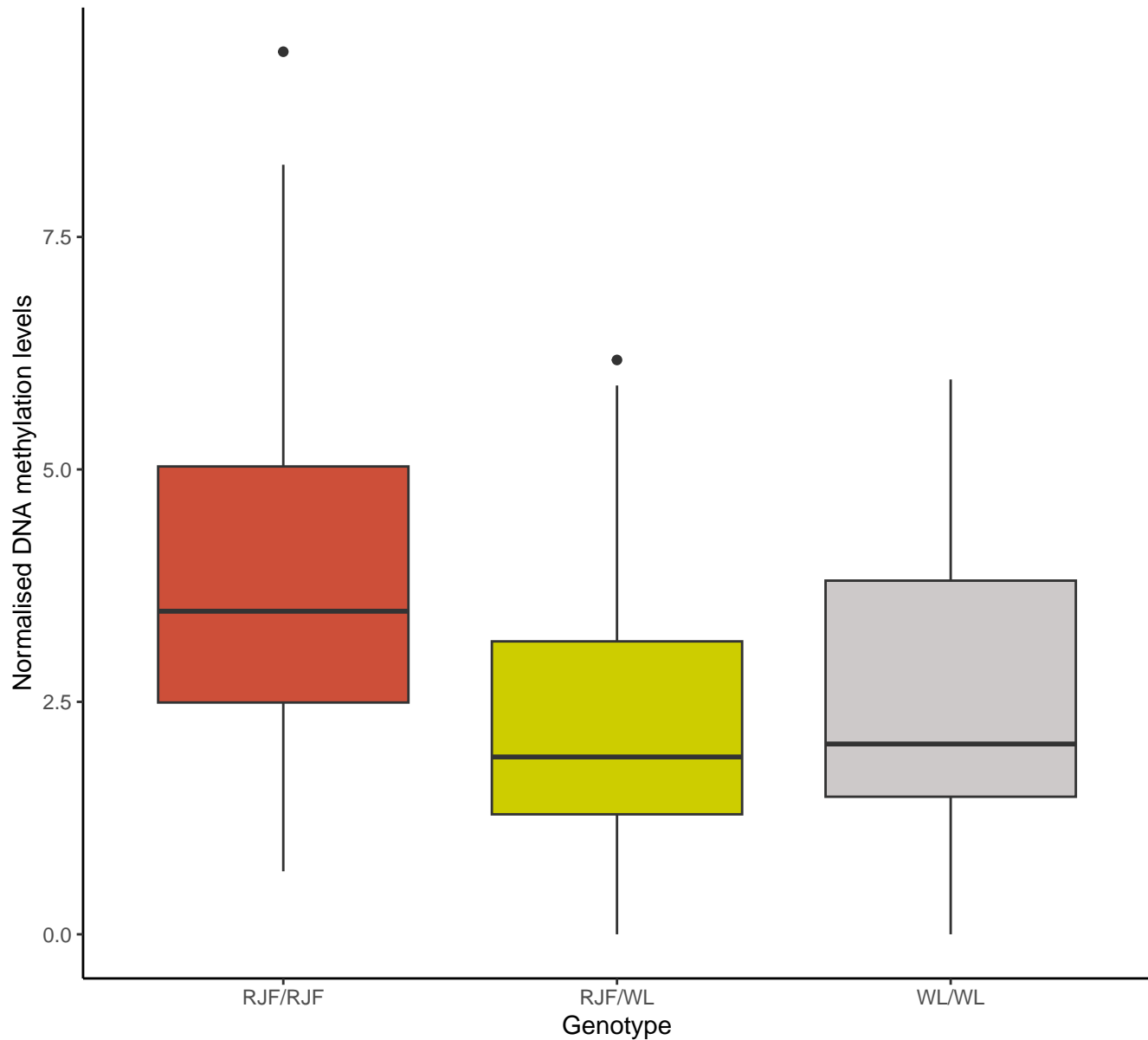
CI: chr3:181–270.84cM



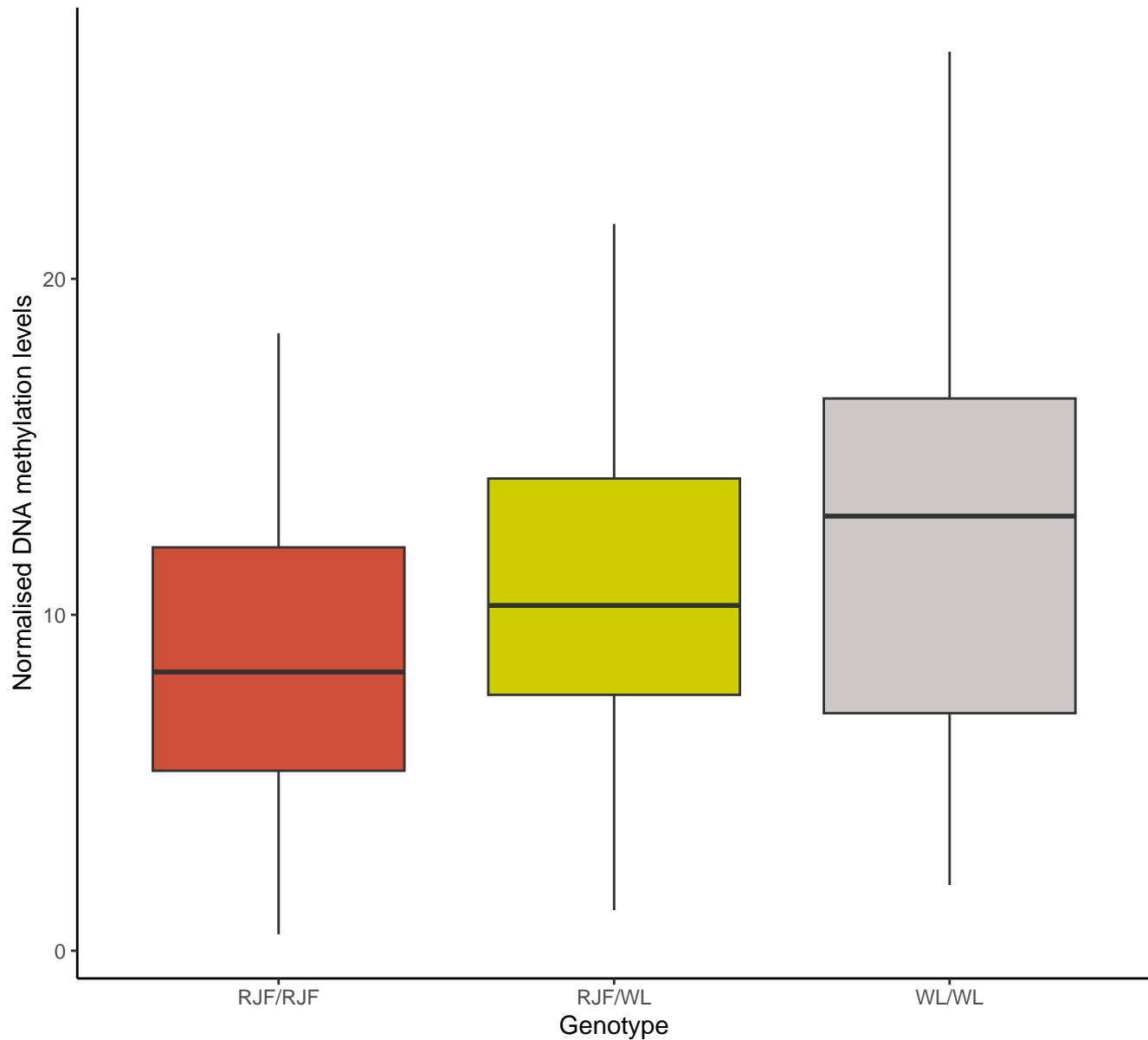
trans mQTL | chr5@318.36cM | LOD: 6.56
Methbin: chrZ_1540000 | marker:Gg_rs15718481
CI: chr5:310.49–357.54cM



trans mQTL | chr21 @8.69cM | LOD: 6.57
Methbin: chrZ_1560000 | marker:GG_rs15181258
CI: chr21:0–16.35cM



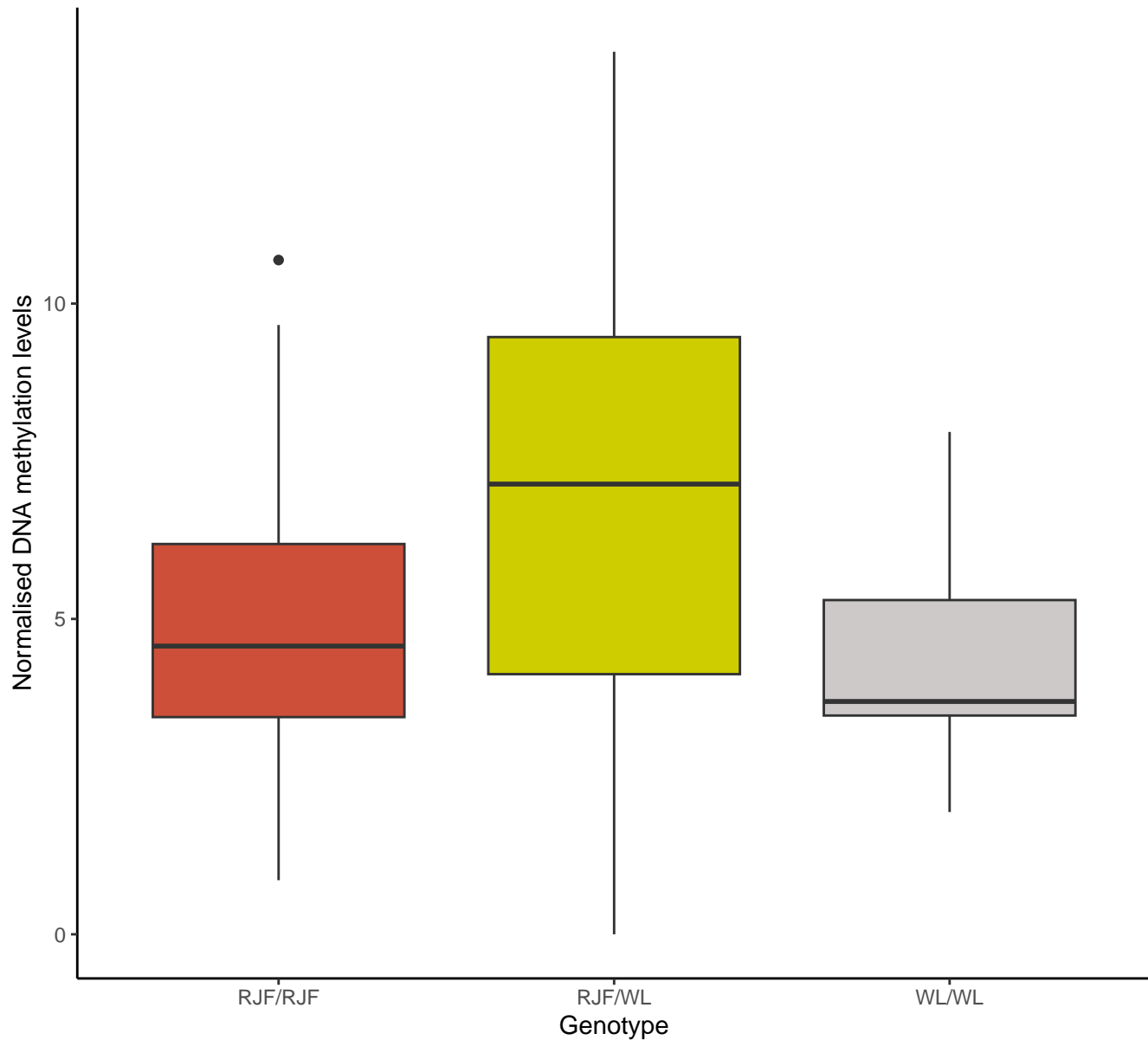
trans mQTL | chr3@219cM | LOD: 6.7
Methbin: chrZ_1681000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr9@102.34cM | LOD: 7.63

Methbin: chrZ_1771000 | marker:Gg_rs14671718

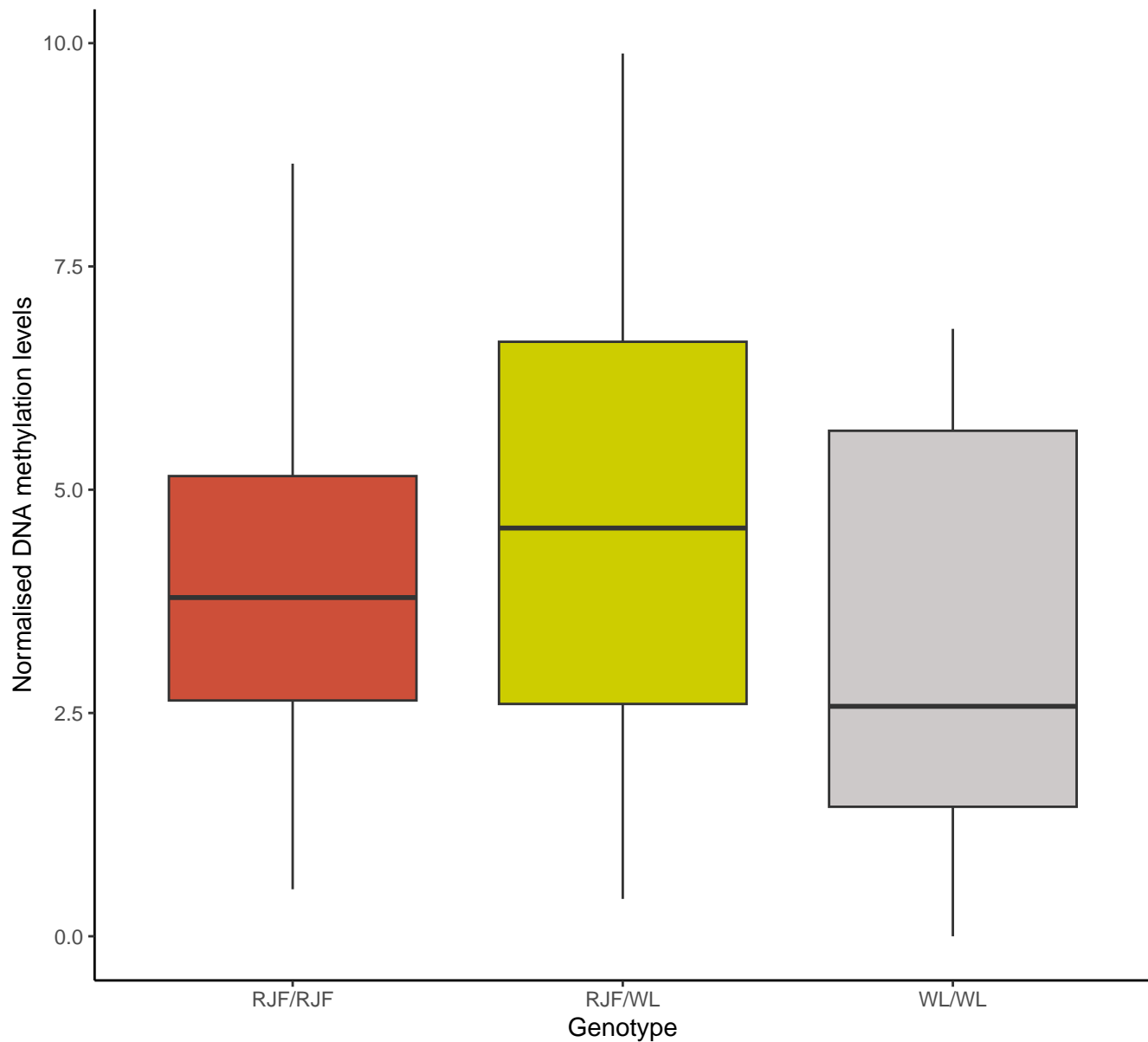
CI: chr9:86.7–105.32cM



trans mQTL | chr1@1688.09cM | LOD: 5.92

Methbin: chrZ_1820000 | marker:snp.146.19.59713.S.2

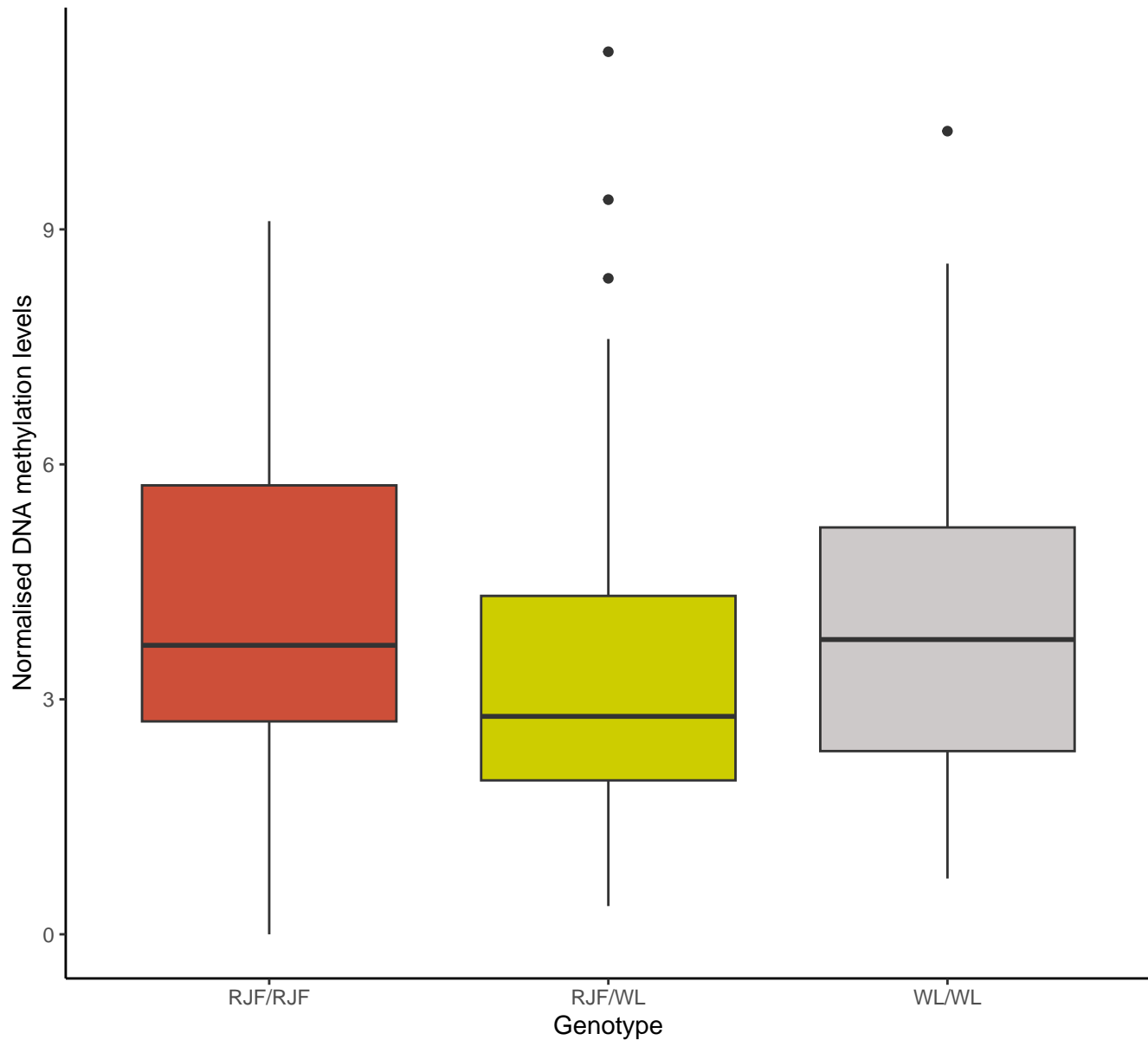
CI: chr1:1625.53–1728.49cM



trans mQTL | chr2@1cM | LOD: 6.13

Methbin: chrZ_1905000 | marker:Gg_rs14131525

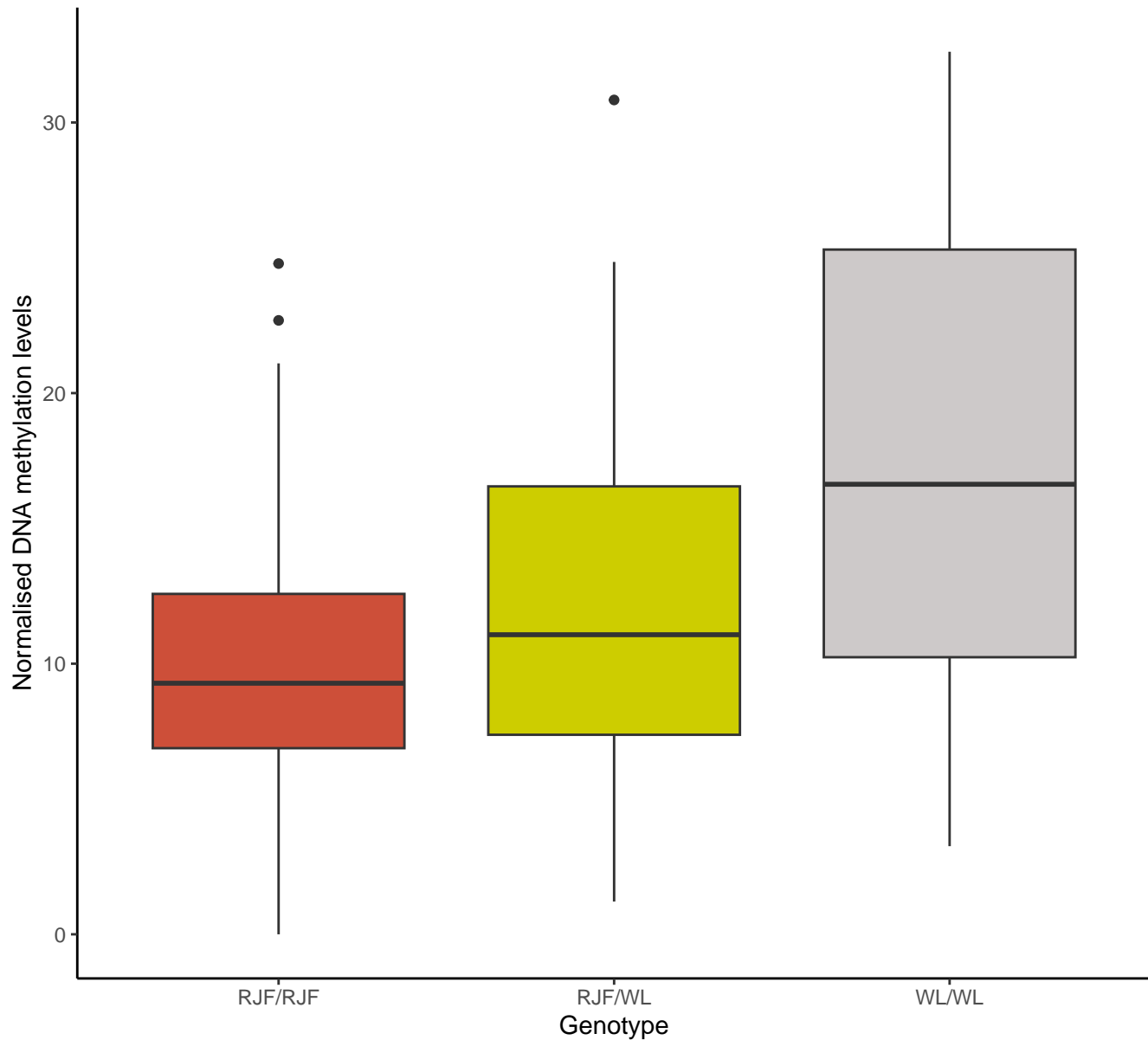
CI: chr2:1–41.4cM



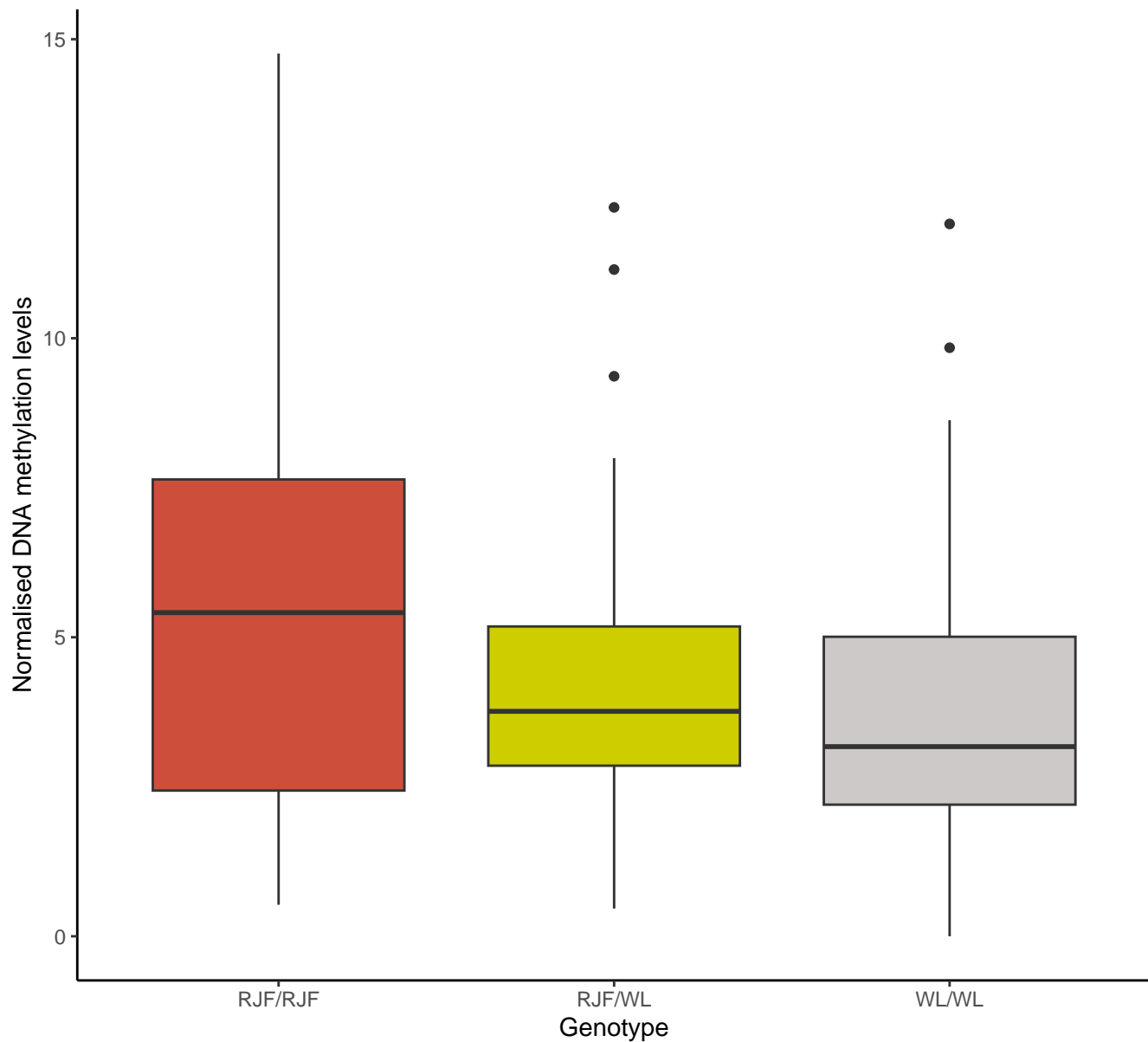
trans mQTL | chr3@219cM | LOD: 9.41

Methbin: chrZ_2046000 | marker:Gg_rs15282380

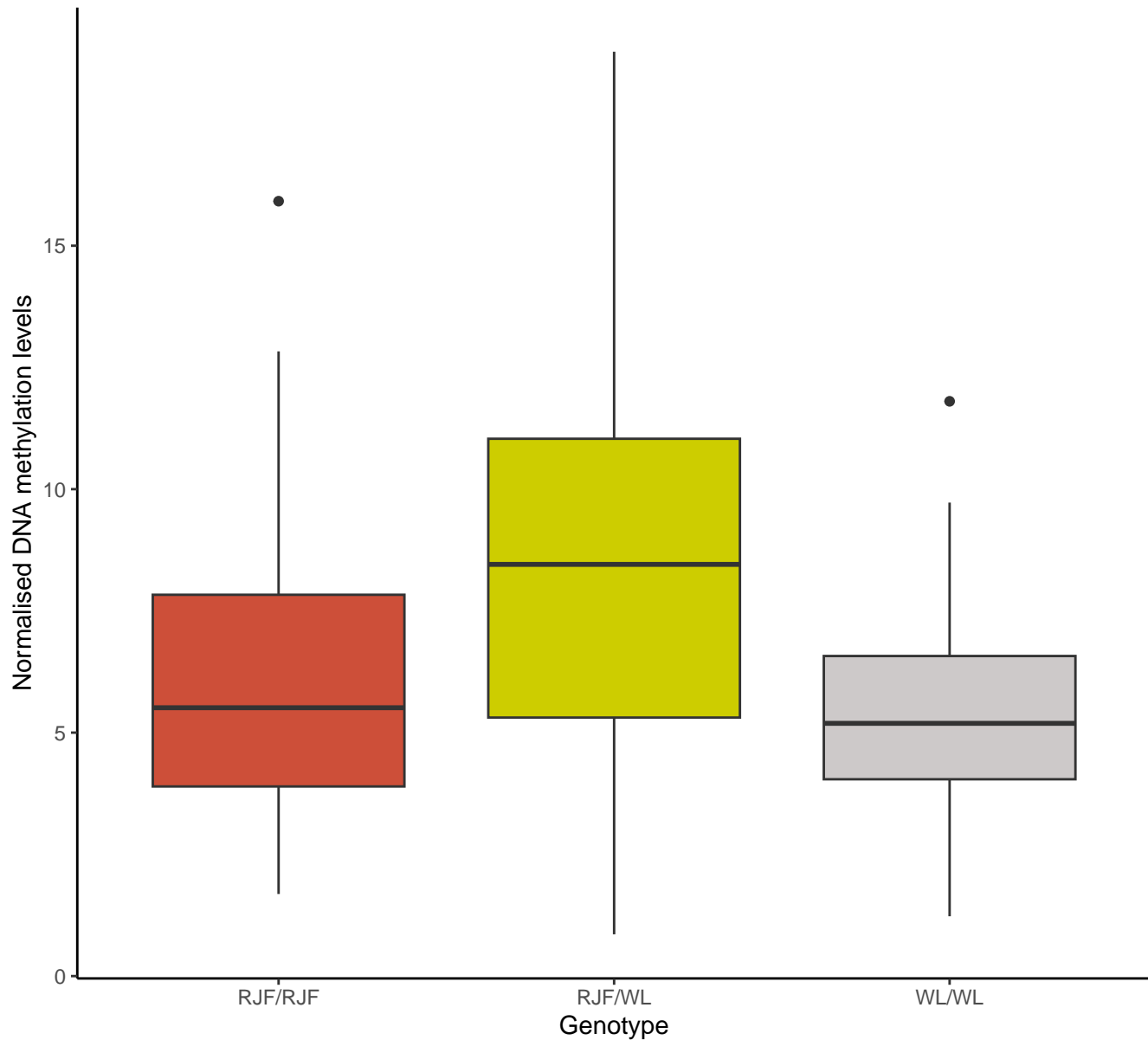
CI: chr3:181–270.84cM



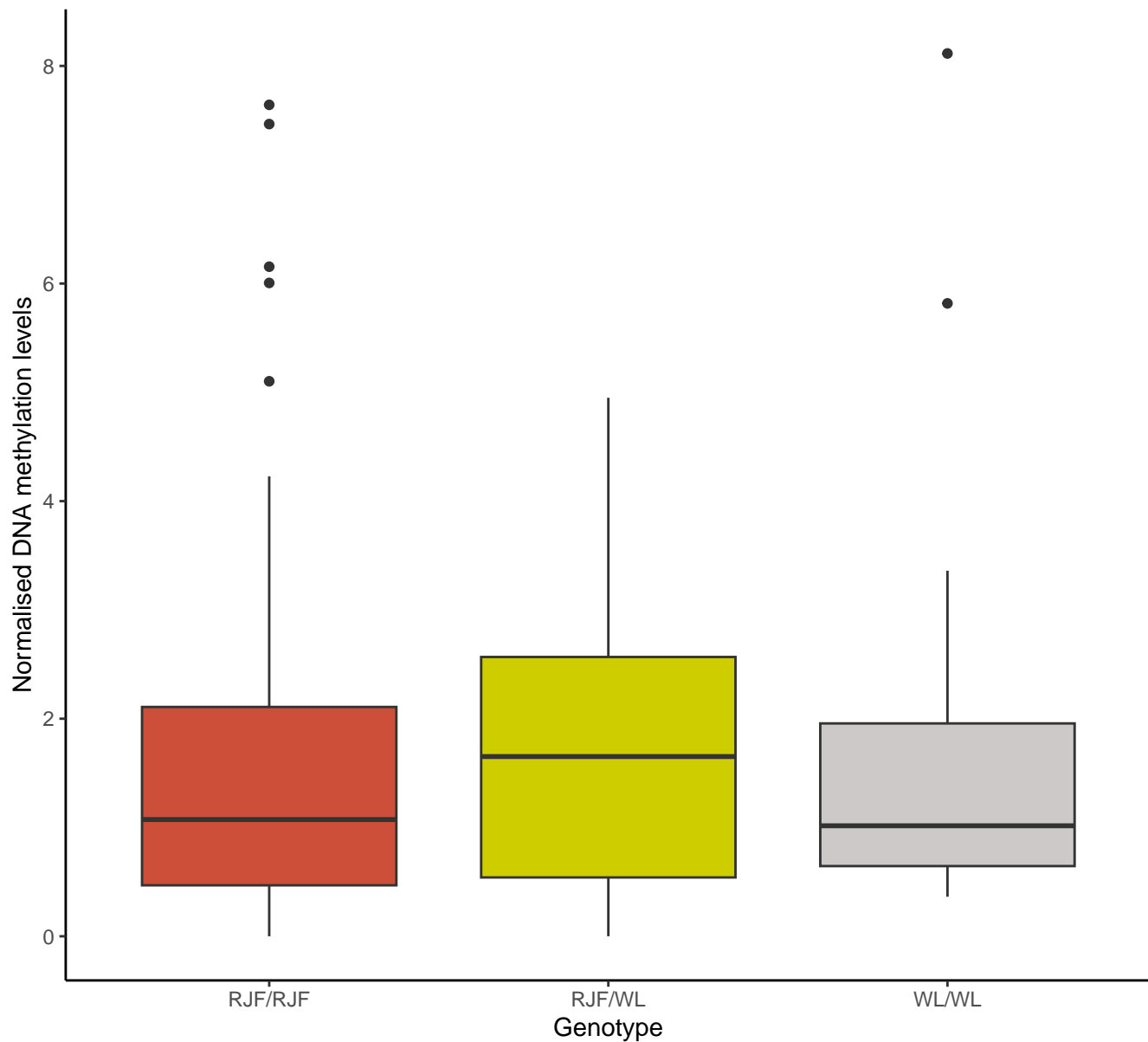
trans mQTL | chr1 @ 2210.81cM | LOD: 6.29
Methbin: chrZ_2324000 | marker:snp.317.20.11874.S.1
CI: chr1:2094.51–2334.16cM



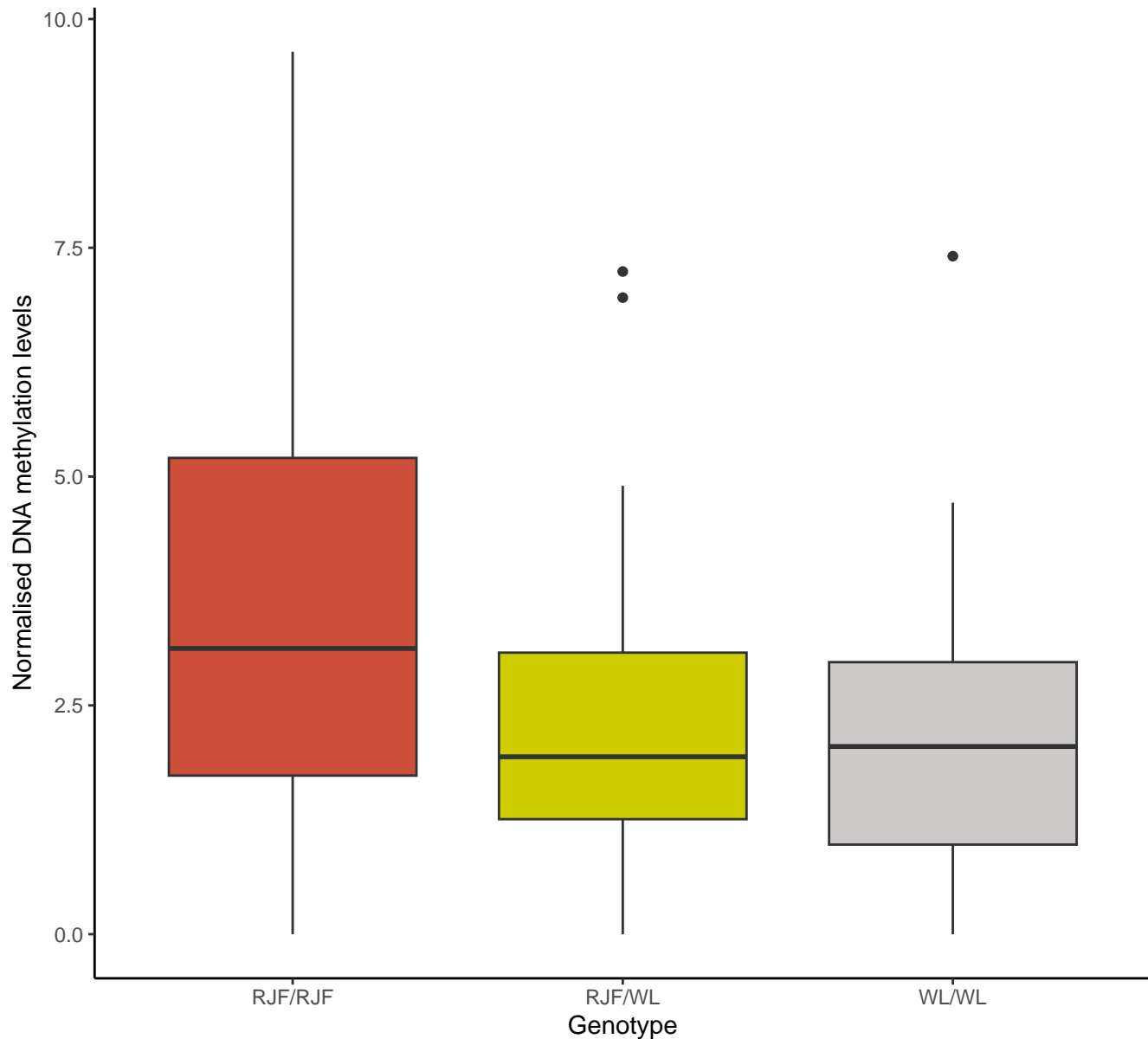
trans mQTL | chr7@212.26cM | LOD: 6.02
Methbin: chrZ_2621000 | marker:Gg_rs15865067
CI: chr7:176.48–225.14cM



trans mQTL | chr4@10cM | LOD: 6.67
Methbin: chrZ_2680000 | marker:Gg_rs13546113
CI: chr4:0–29.52cM



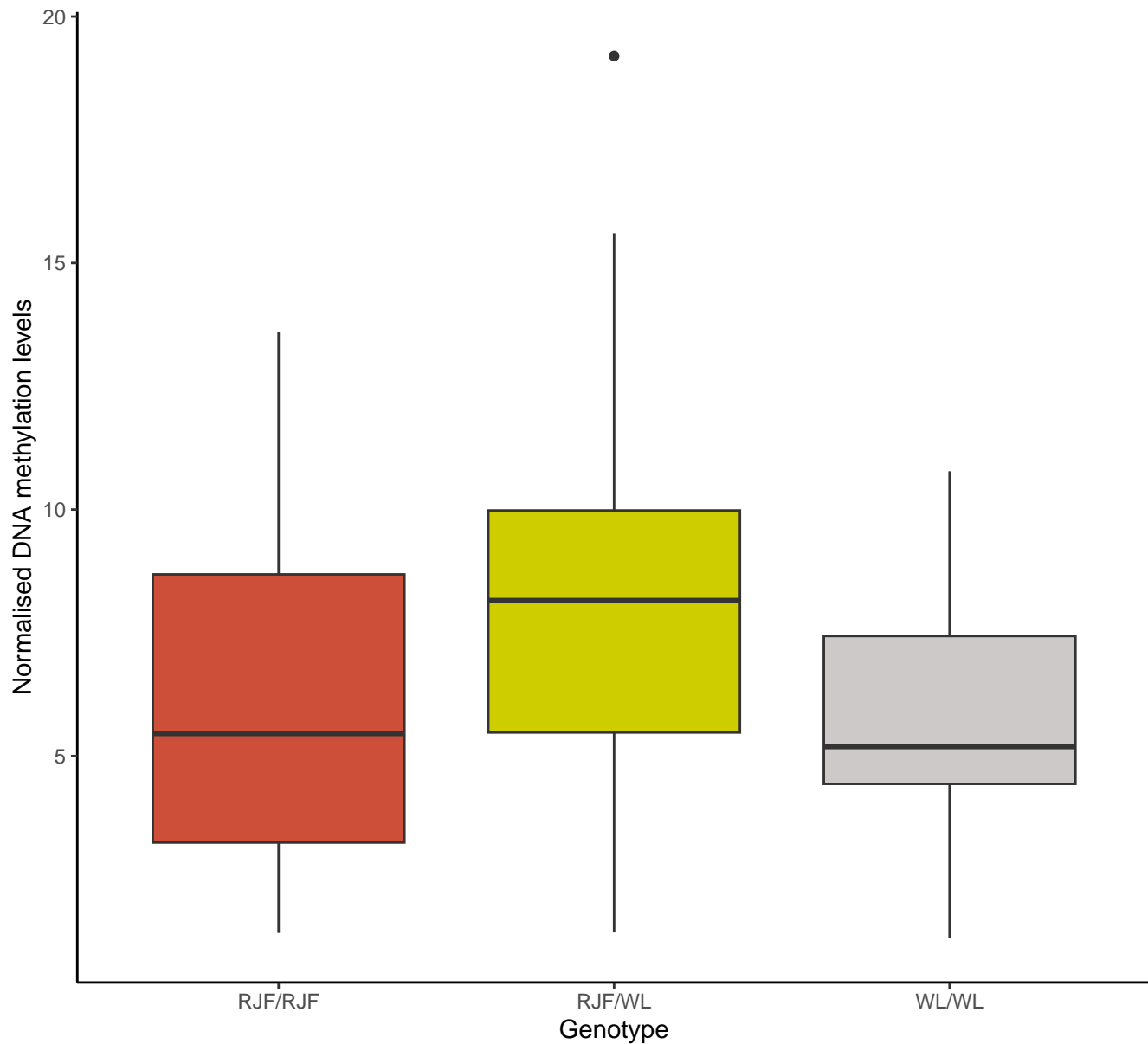
trans mQTL | chr1@1410.84cM | LOD: 6.39
Methbin: chrZ_3120000 | marker:Gg_rs14858437
CI: chr1:1408.1–1500.49cM



trans mQTL | chr7@10.48cM | LOD: 6.14

Methbin: chrZ_3139000 | marker:Gg_rs15828492

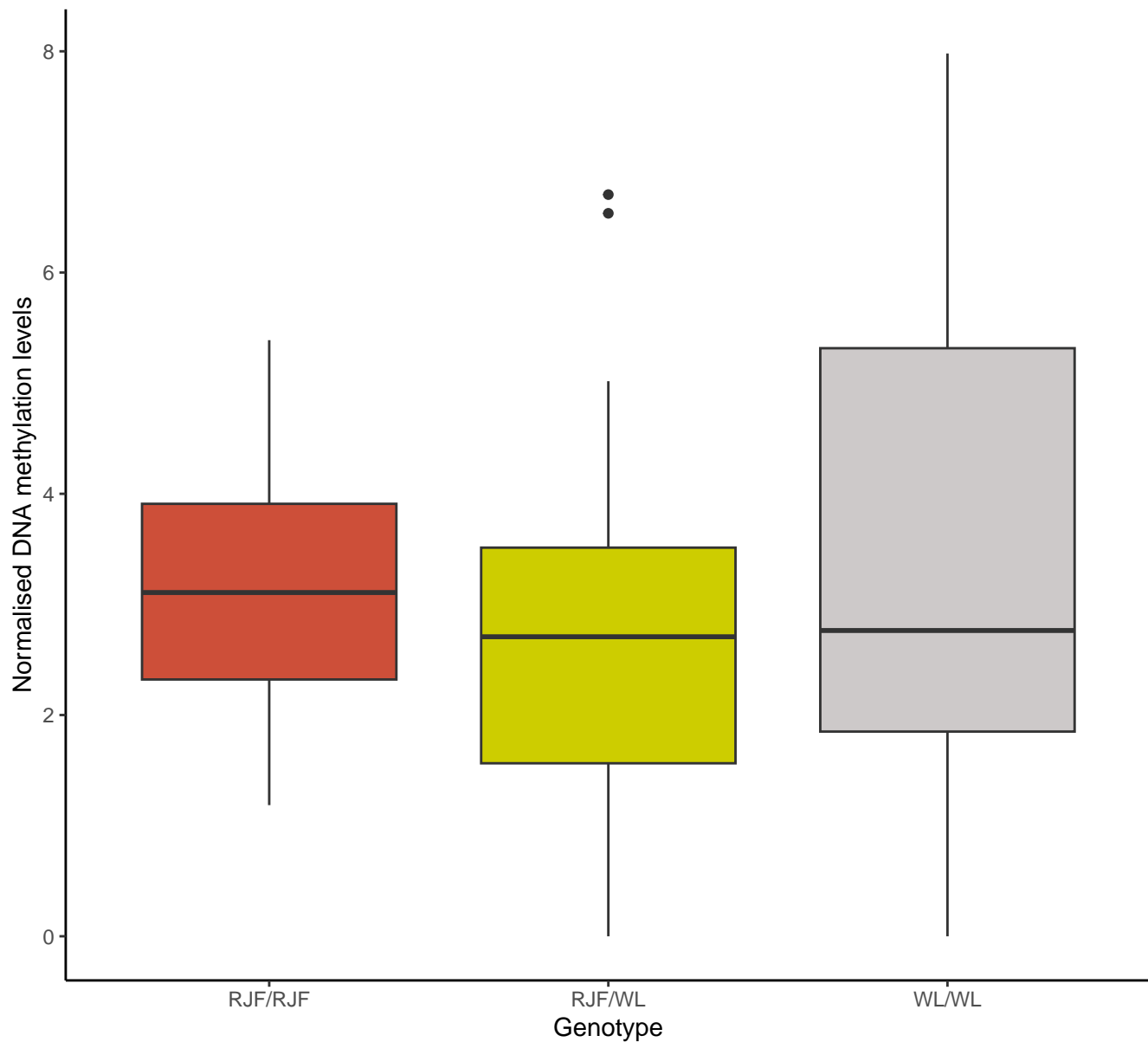
CI: chr7:0–58.22cM



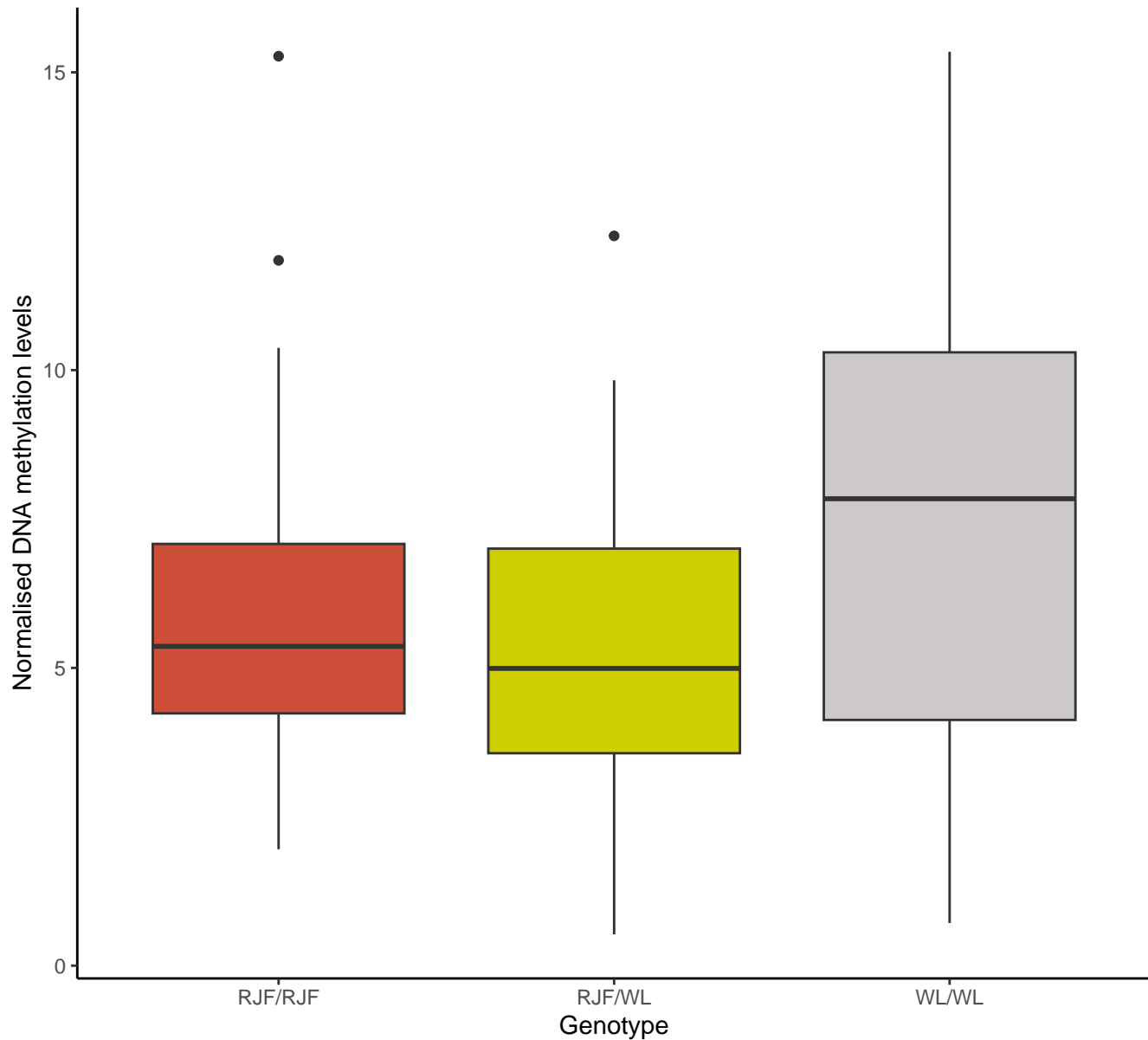
trans mQTL | chr4@261.06cM | LOD: 7.11

Methbin: chrZ_3287000 | marker:Gg_rs14445431

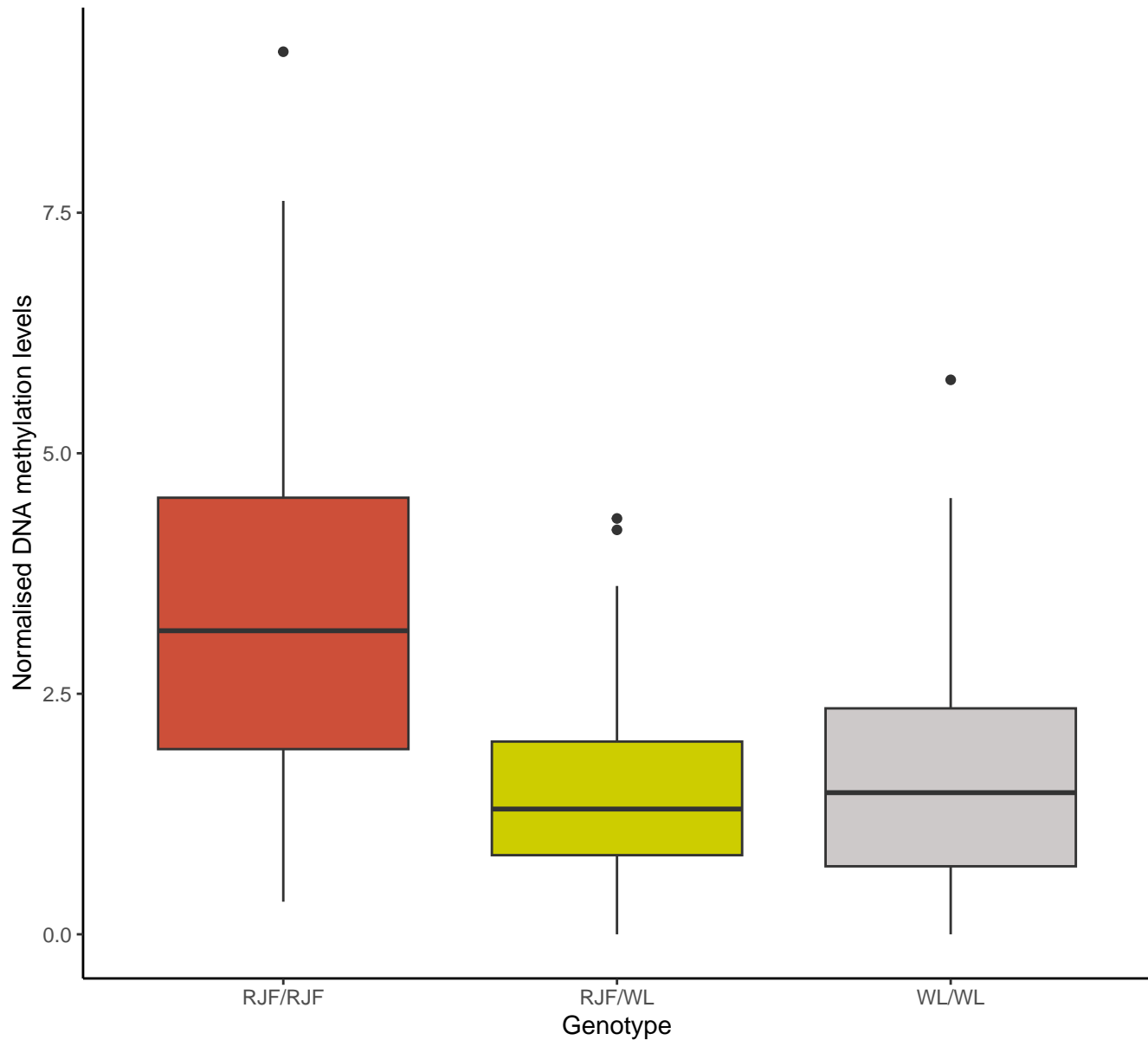
CI: chr4:242.06–276.05cM



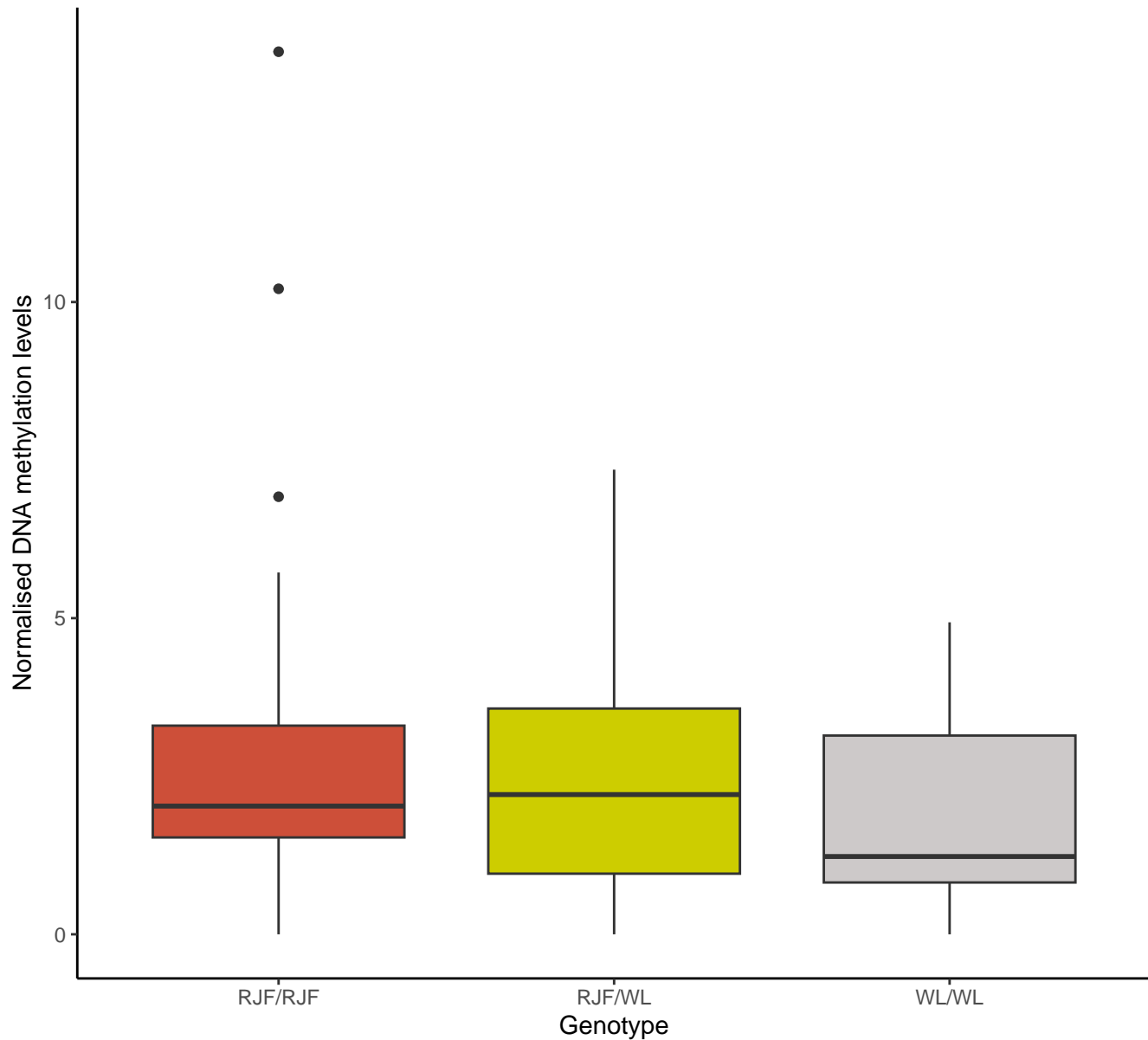
trans mQTL | chr24@0cM | LOD: 6.57
Methbin: chrZ_3357000 | marker:Gg_rs14292805
CI: chr24:0–14.08cM



trans mQTL | chr21@75.8cM | LOD: 6.36
Methbin: chrZ_3400000 | marker:Gg_rs15184205
CI: chr21:60.3–120.1cM



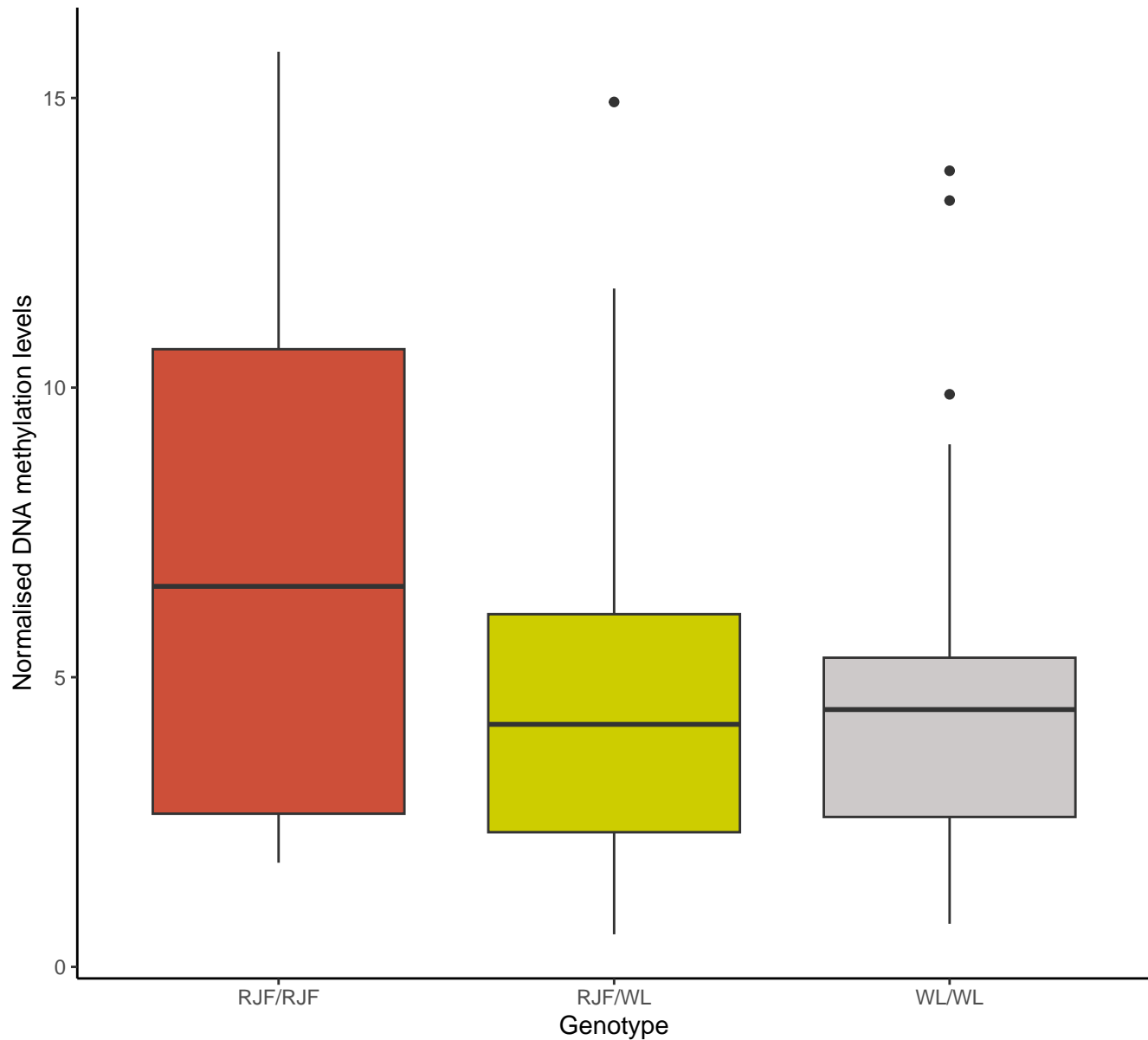
trans mQTL | chr1@1410.84cM | LOD: 6.61
Methbin: chrZ_3482000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



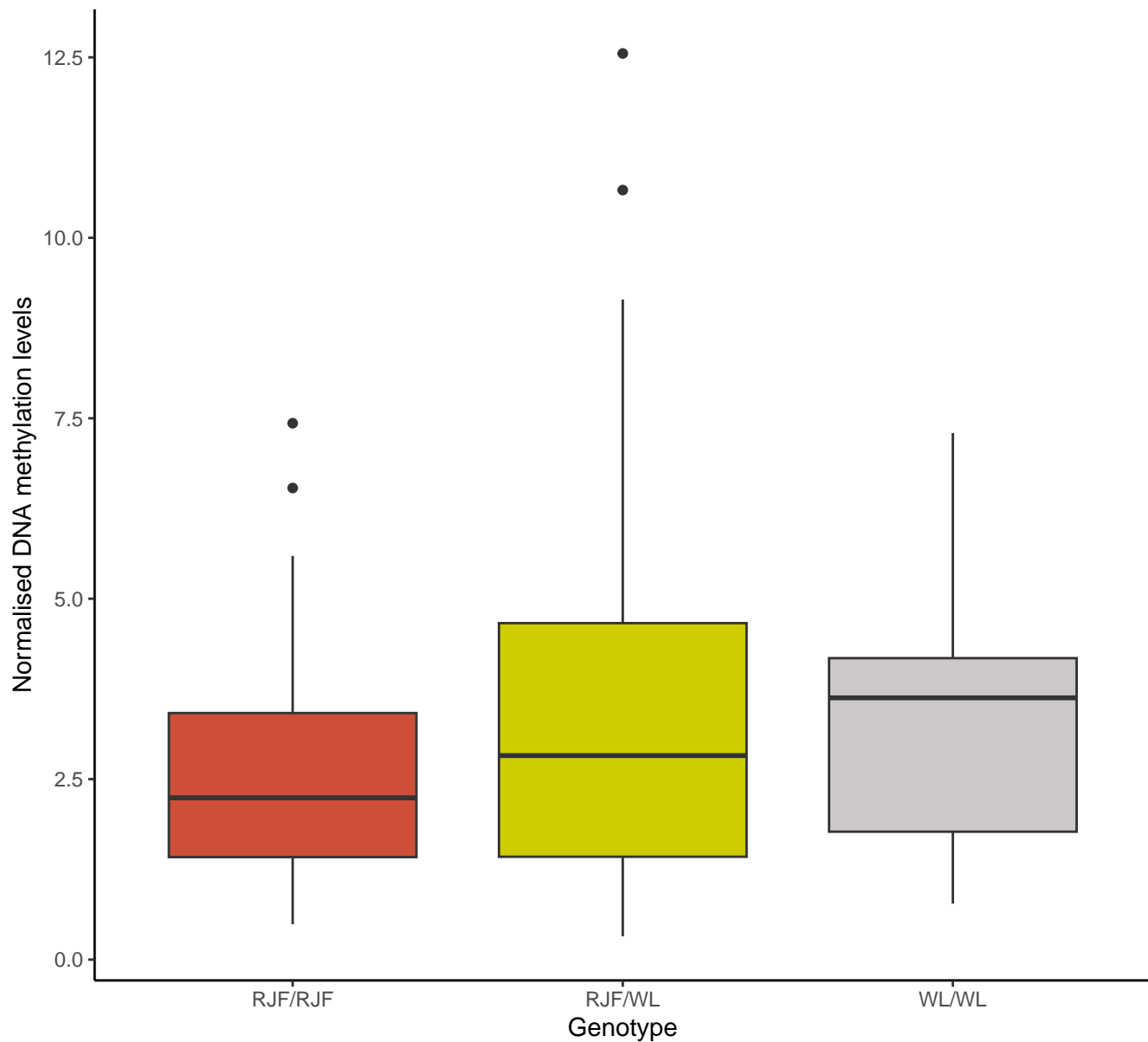
trans mQTL | chr12@57.81cM | LOD: 5.97

Methbin: chrZ_3529000 | marker:Gg_rs13609494

CI: chr12:34.82–85.17cM



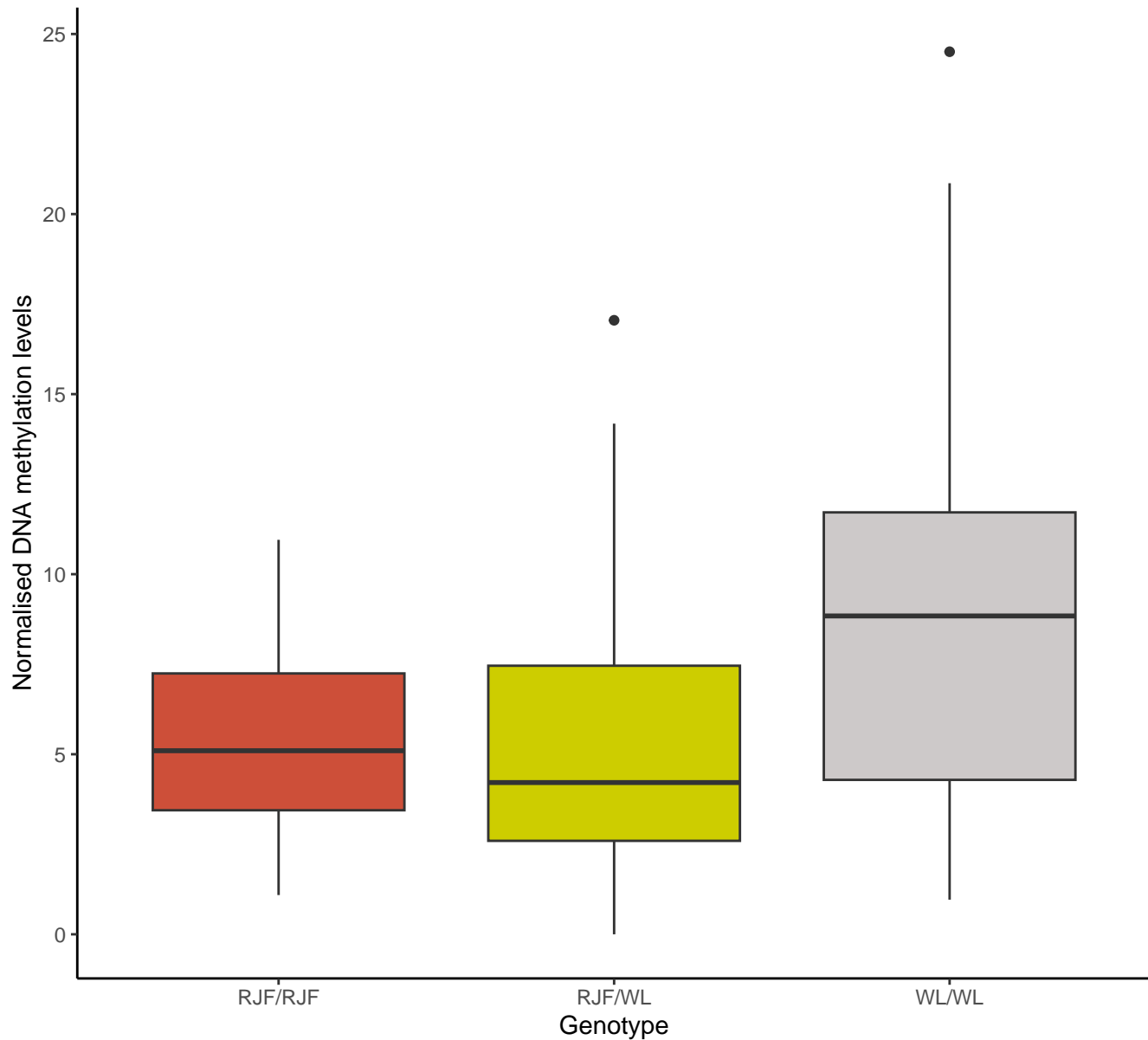
trans mQTL | chr4@568.94cM | LOD: 6.3
Methbin: chrZ_3566000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



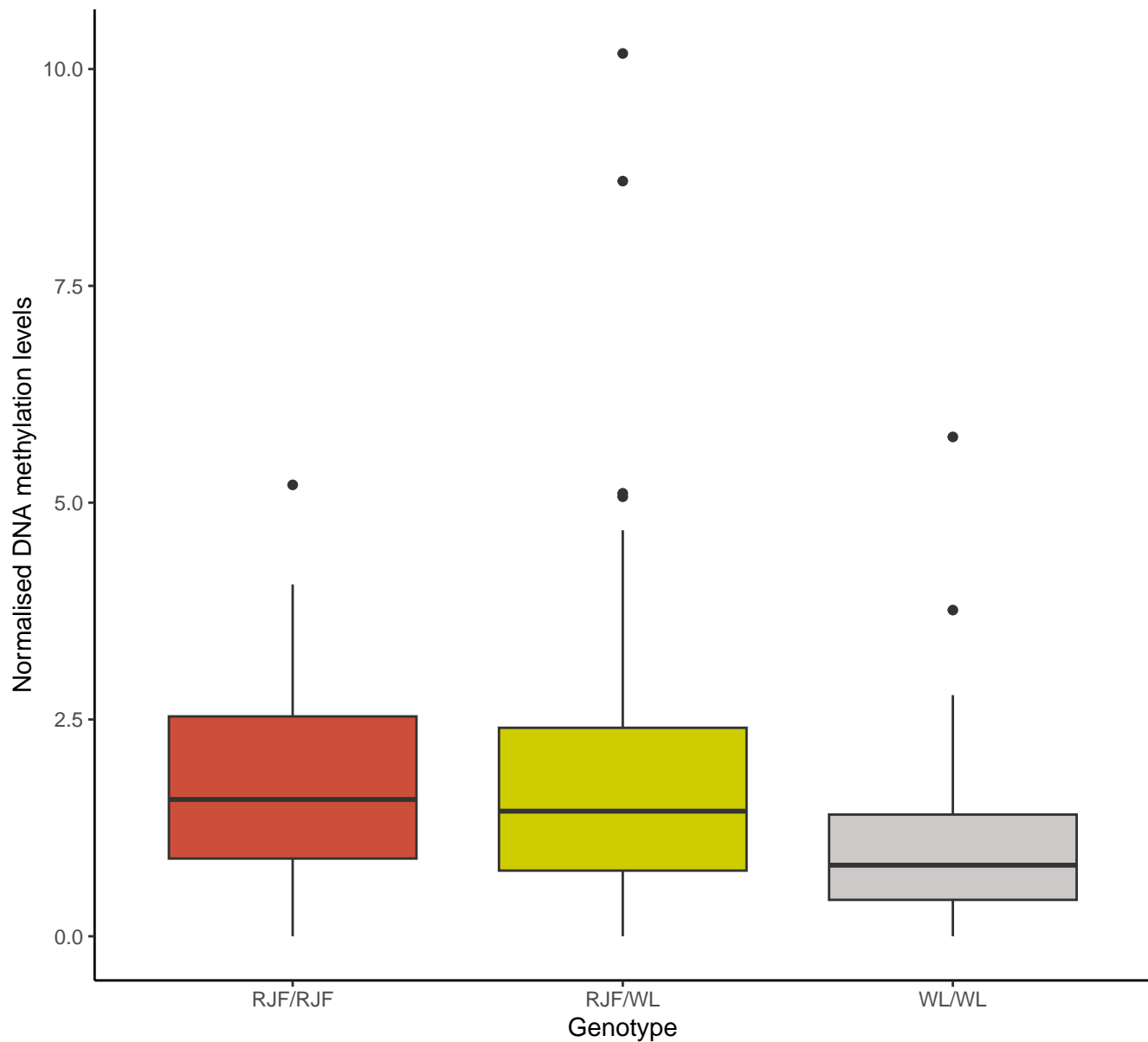
trans mQTL | chr11@16.53cM | LOD: 8.79

Methbin: chrZ_3644000 | marker:Gg_rs14019836

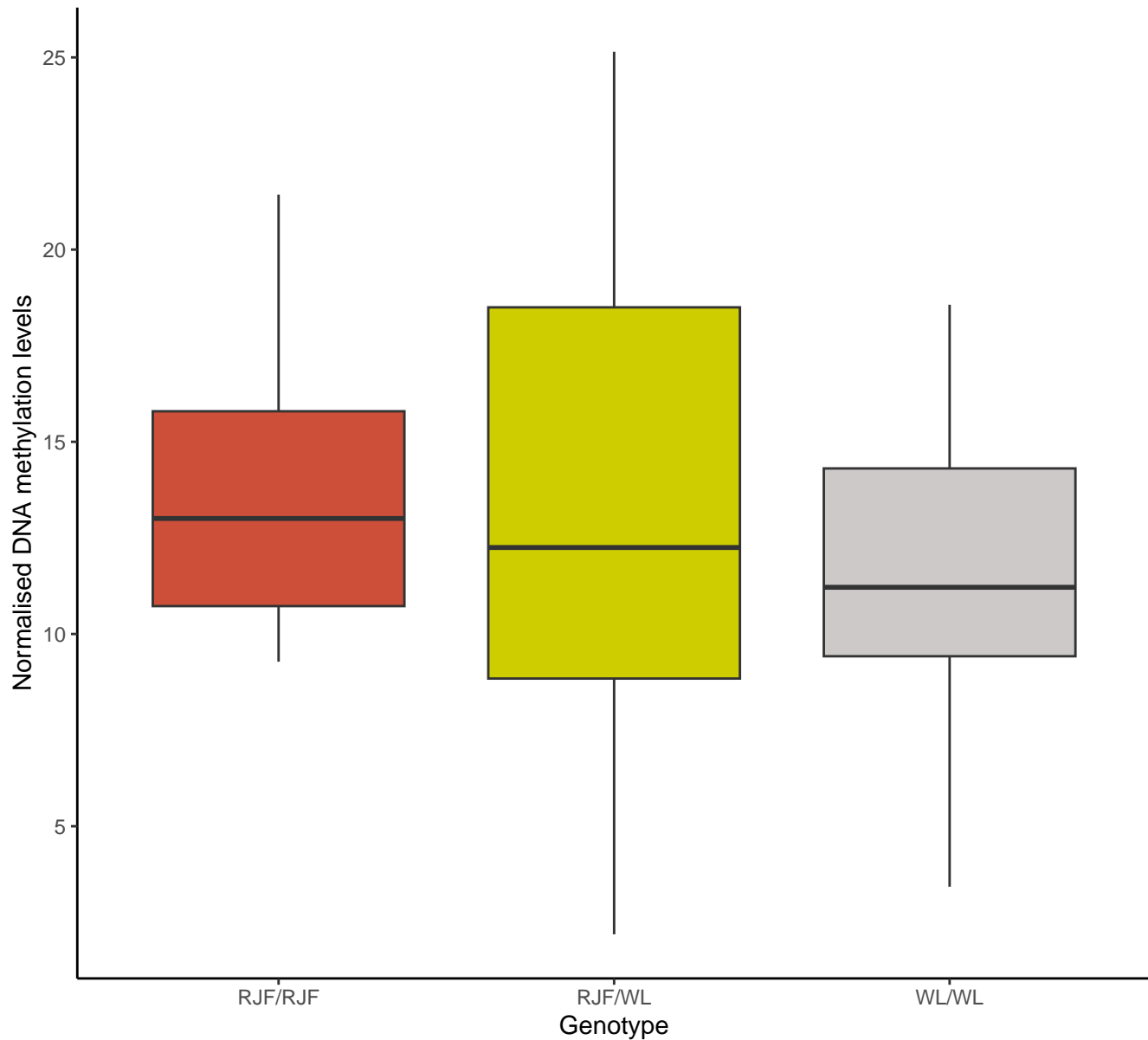
CI: chr11:0–35.84cM



trans mQTL | chr21@75.8cM | LOD: 7.01
Methbin: chrZ_3928000 | marker:Gg_rs15184205
CI: chr21:60.3–120.1cM



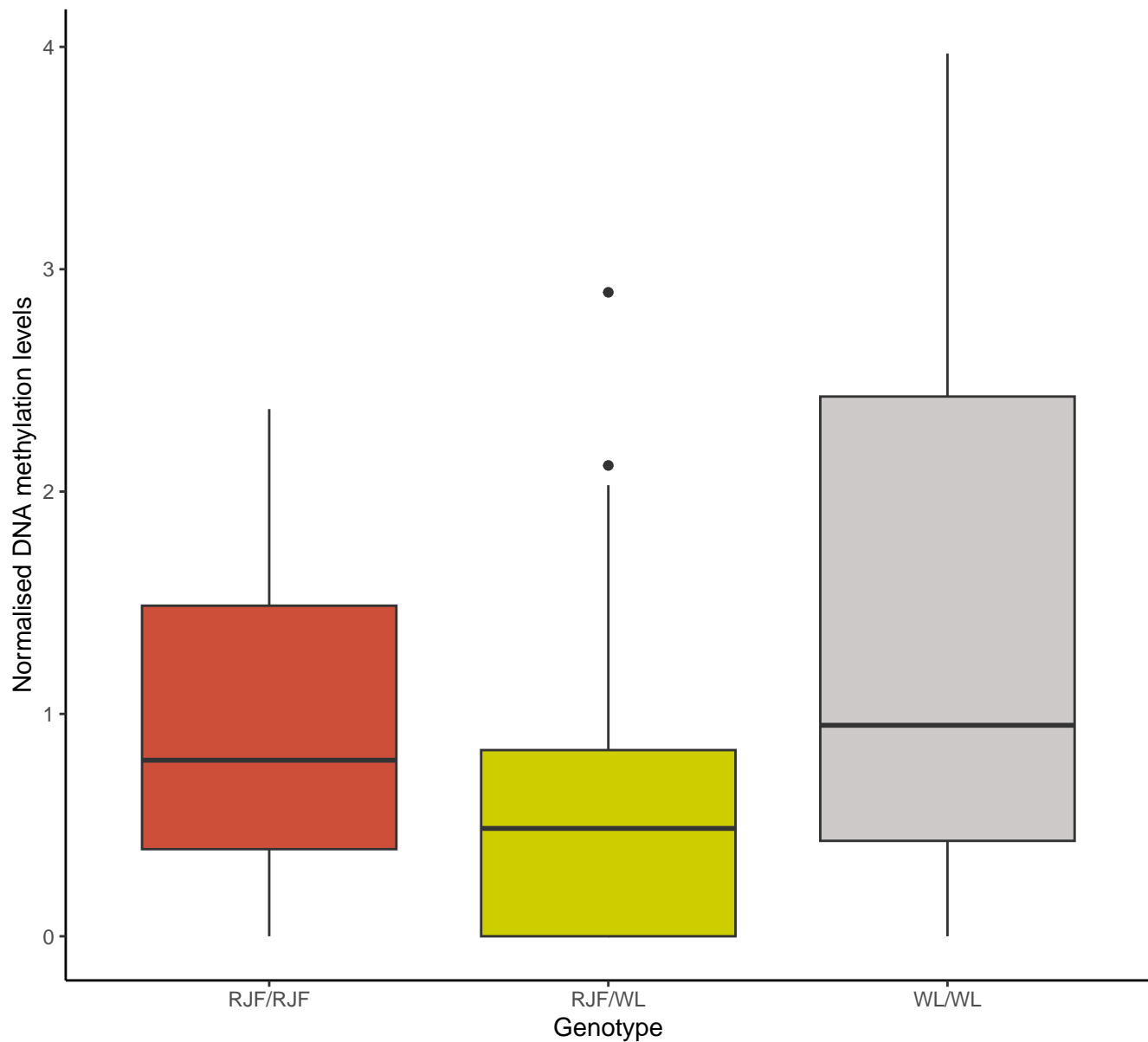
trans mQTL | chr13@212.95cM | LOD: 6.26
Methbin: chrZ_4108000 | marker:Gg_rs13505733
CI: chr13:205.02–212.95cM



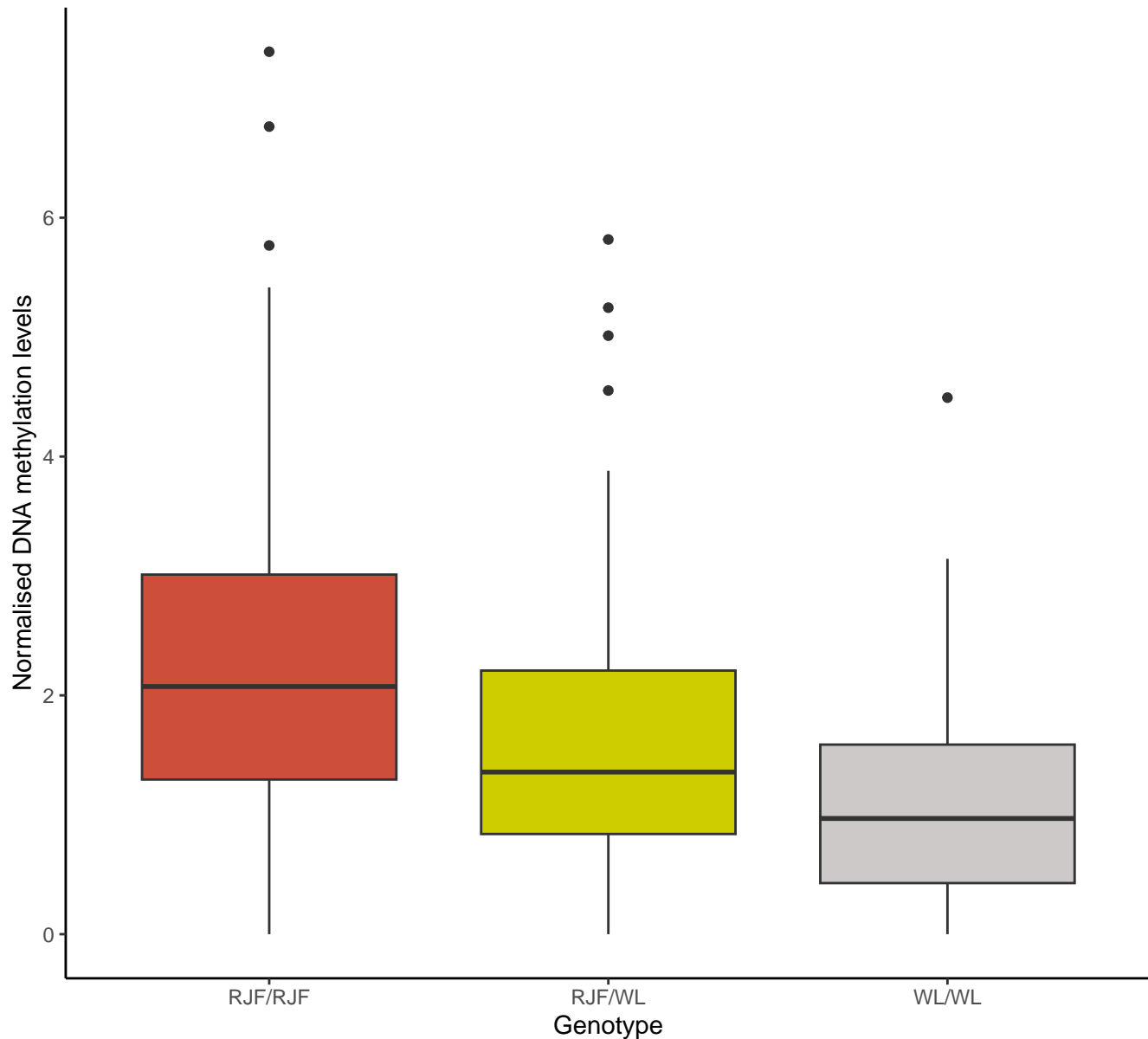
trans mQTL | chr6@105.16cM | LOD: 6.13

Methbin: chrZ_4528000 | marker:Gg_rs14568888

CI: chr6:86.33–126.7cM



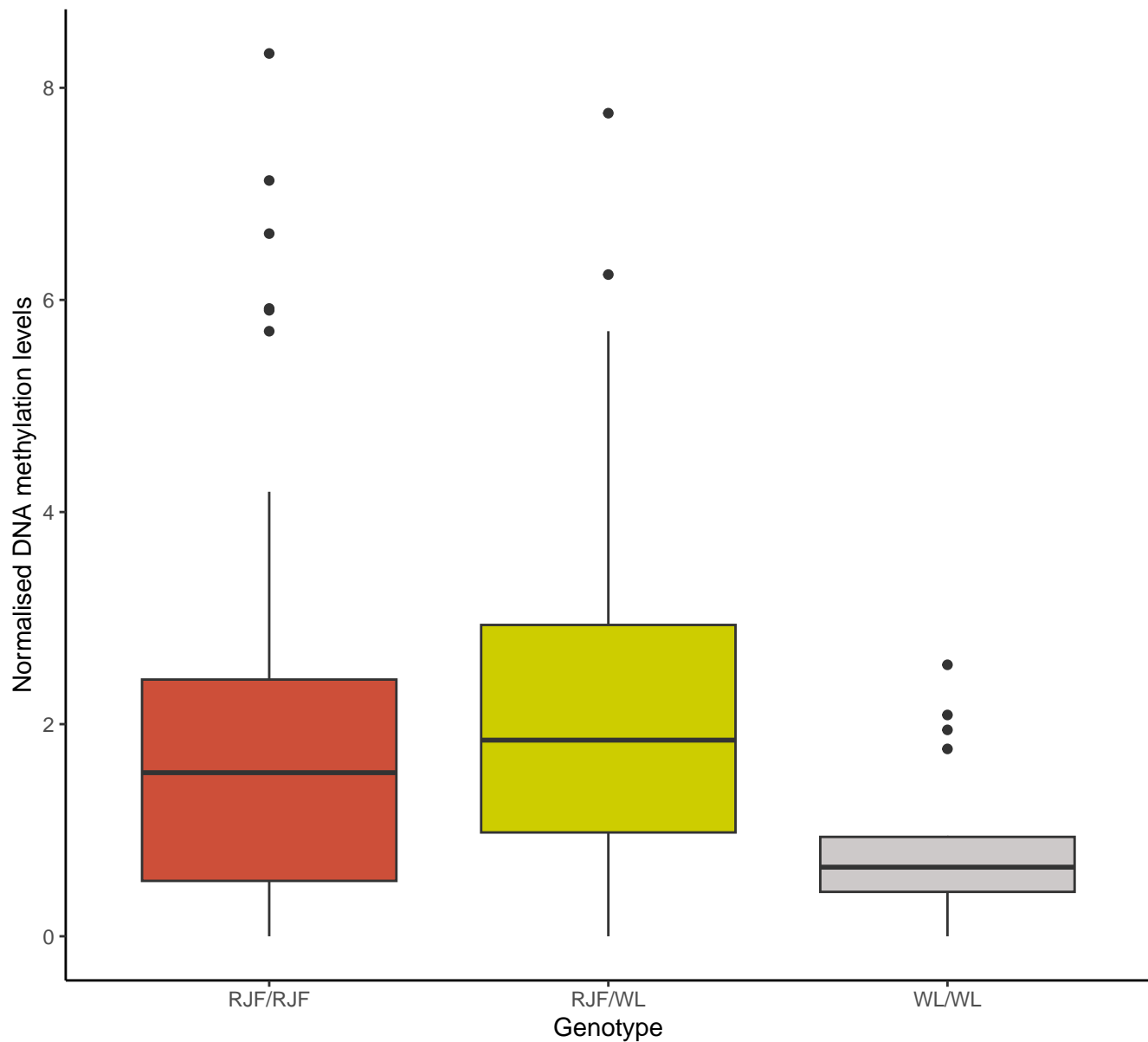
trans mQTL | chr1 @ 1410.38cM | LOD: 6.52
Methbin: chrZ_4948000 | marker: Gg_rs14858437
CI: chr1:1393.29–1417.54cM



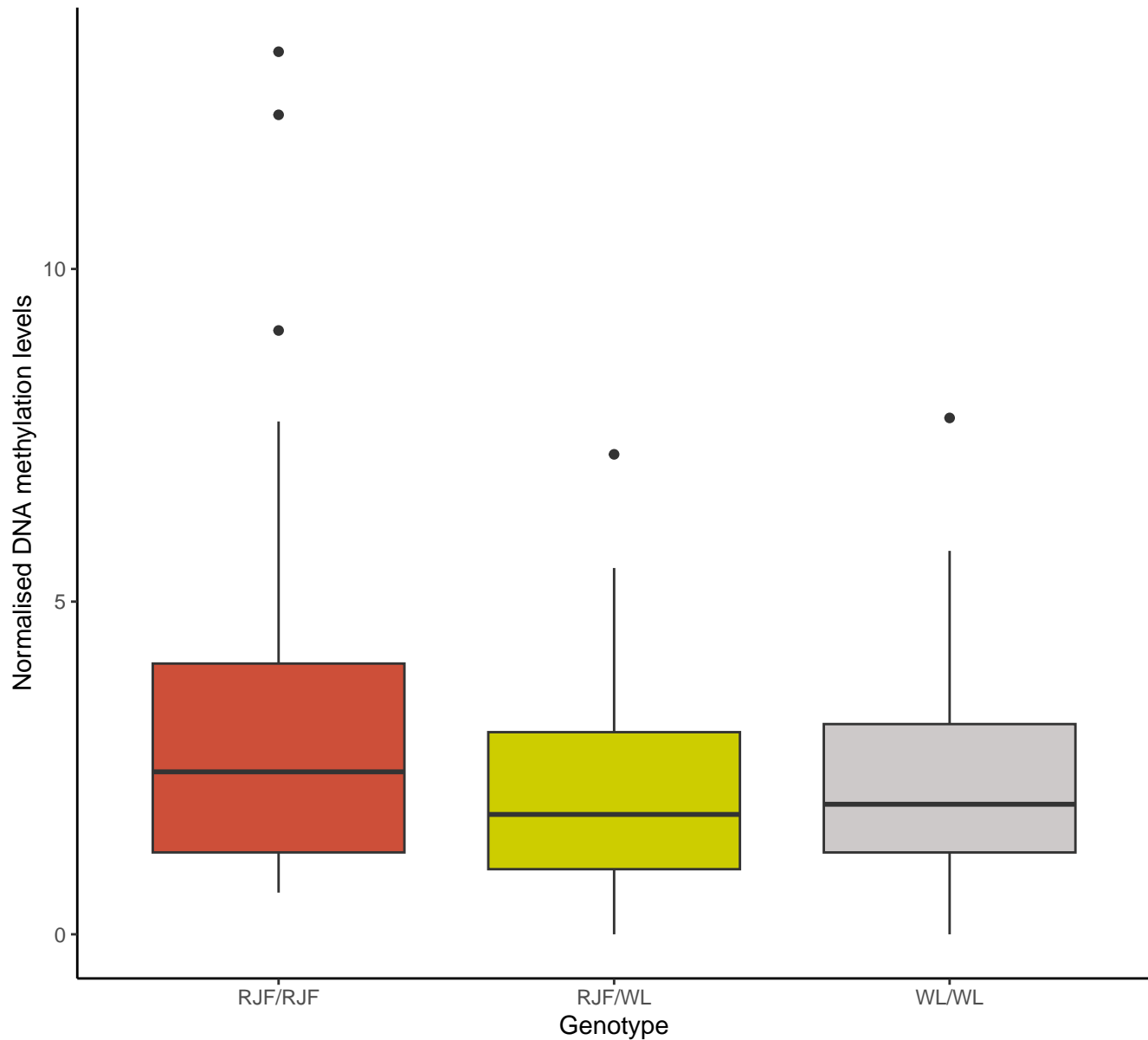
trans mQTL | chr3@219cM | LOD: 6.22

Methbin: chrZ_5006000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



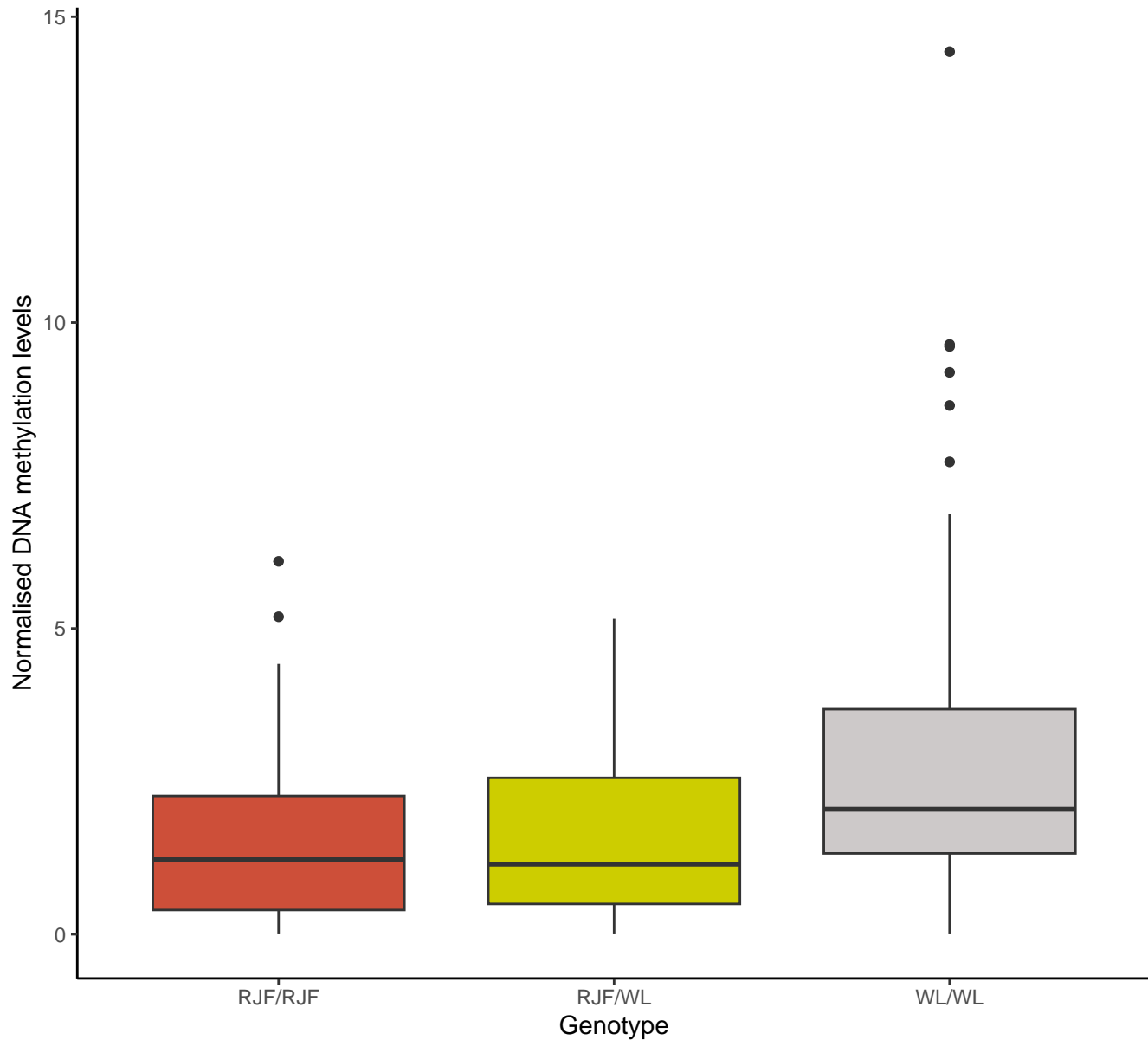
trans mQTL | chr1@1410.84cM | LOD: 6.04
Methbin: chrZ_5033000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



trans mQTL | chr6@112.27cM | LOD: 6.77

Methbin: chrZ_5587000 | marker:Gg_rs15773041

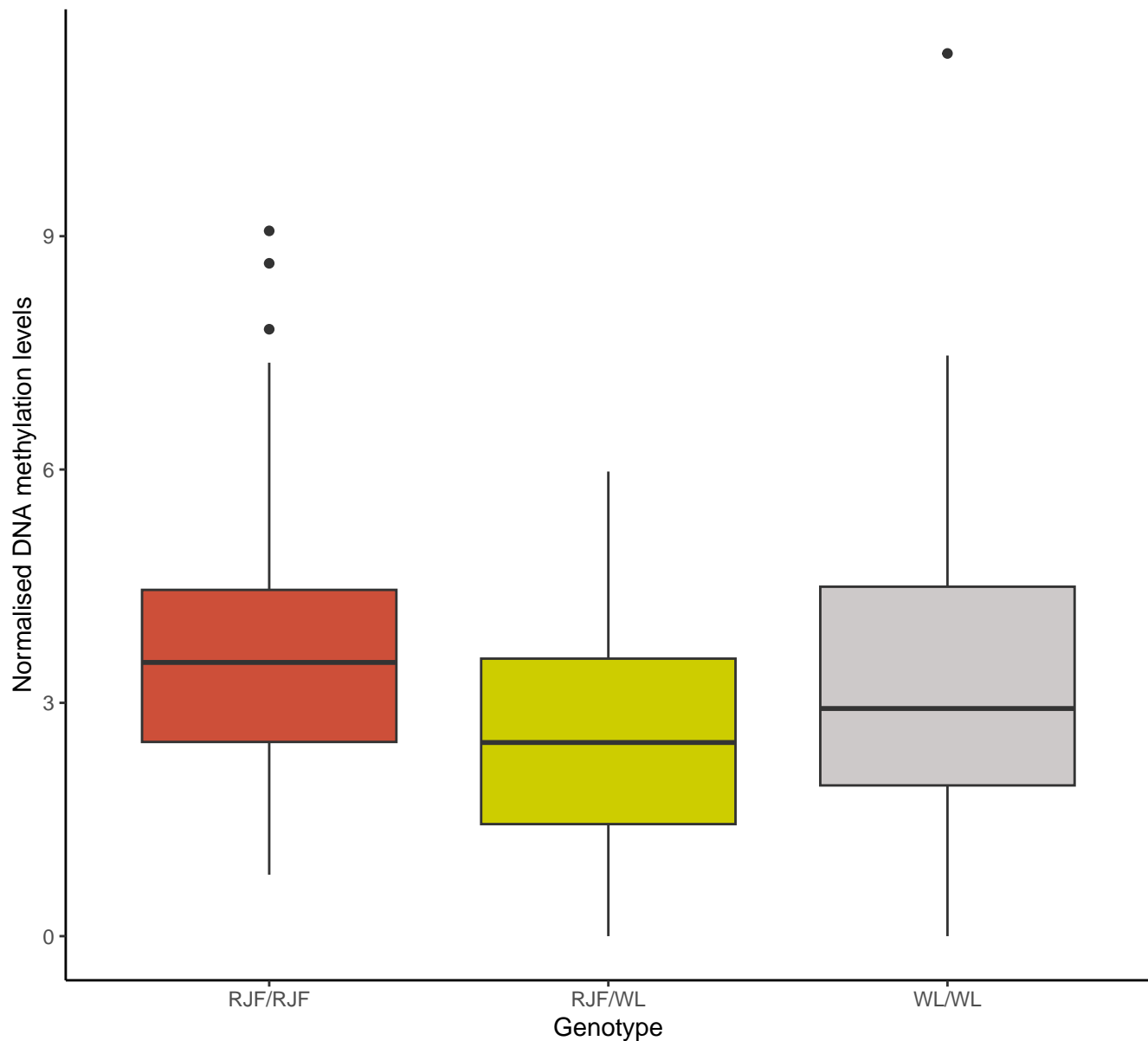
CI: chr6:105.16–126.7cM



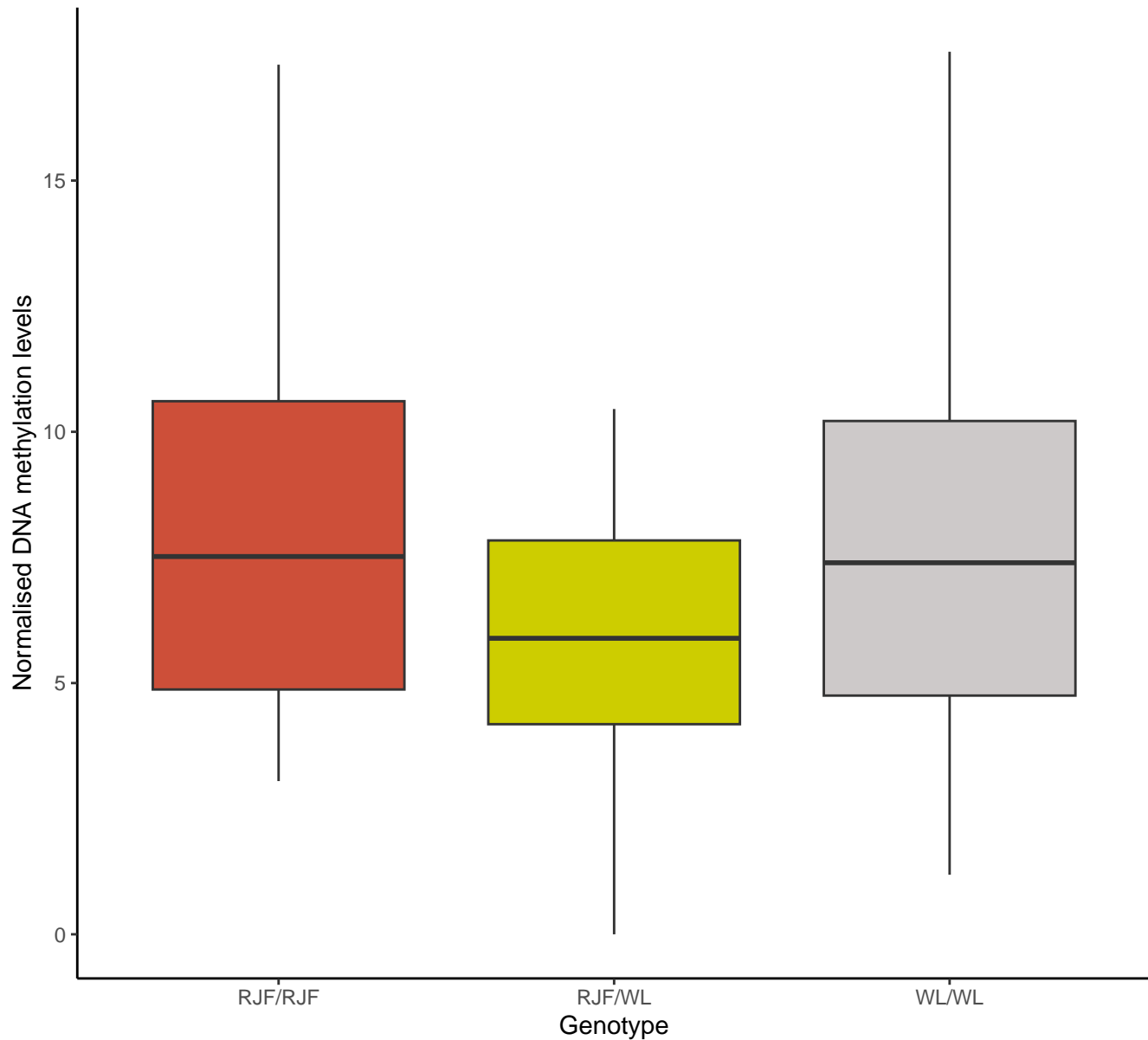
trans mQTL | chr1 @1410.84cM | LOD: 6.29

Methbin: chrZ_5700000 | marker:Gg_rs14858437

CI: chr1:1393.29–1759.79cM



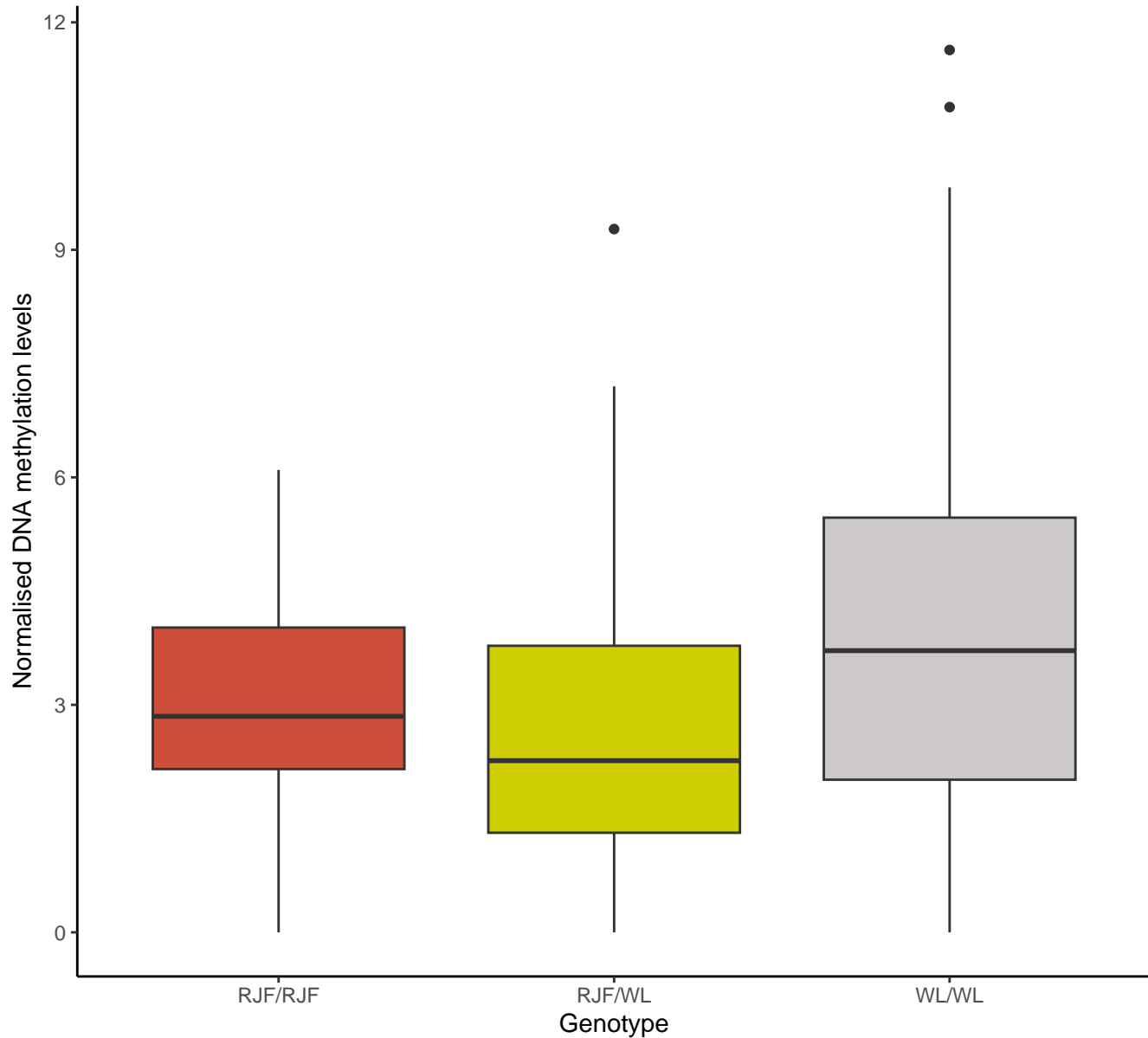
trans mQTL | chr1@281.94cM | LOD: 6.35
Methbin: chrZ_6067000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



trans mQTL | chr6@105.16cM | LOD: 6.27

Methbin: chrZ_6467000 | marker:Gg_rs14568888

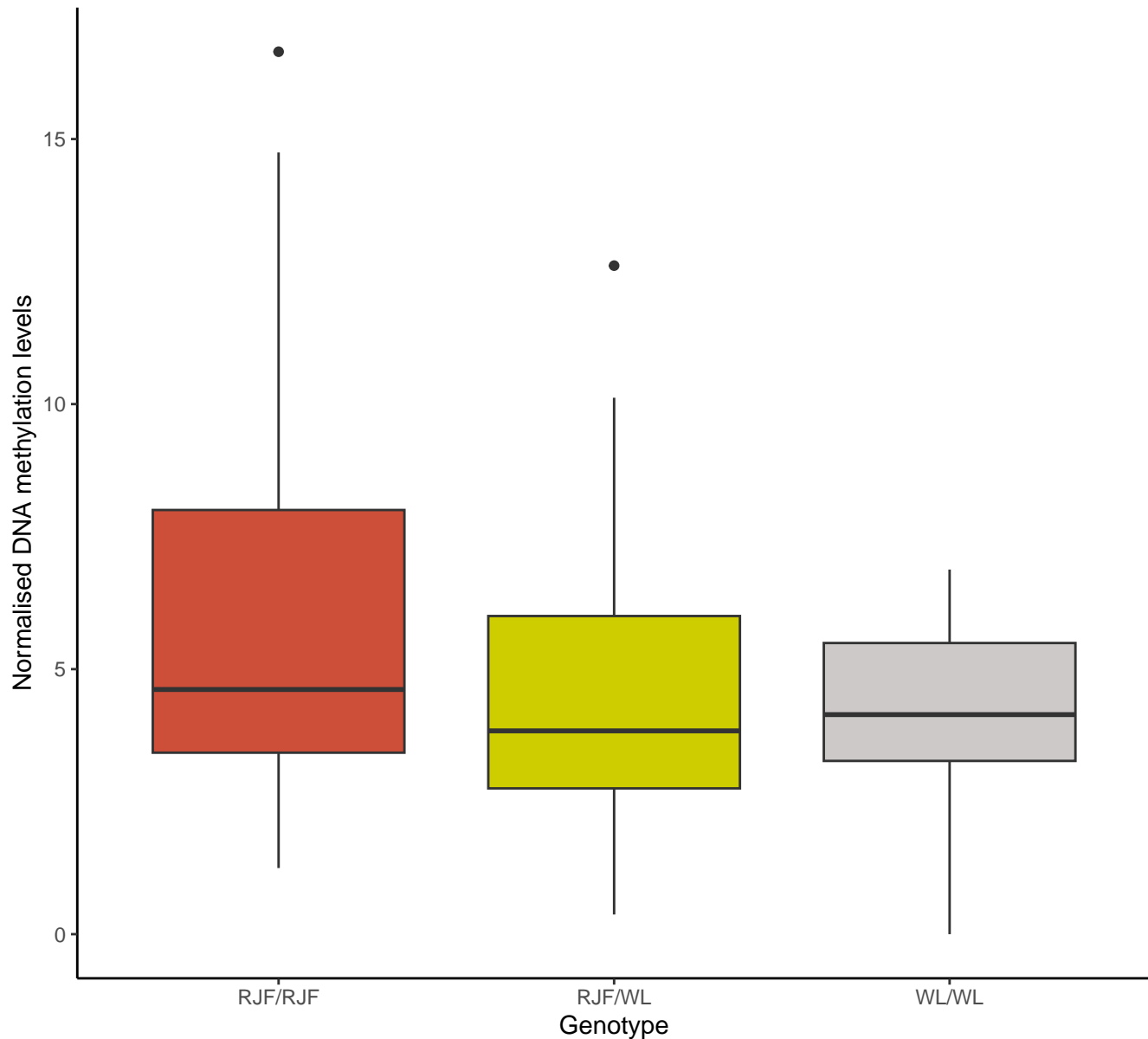
CI: chr6:86.33–126.7cM



trans mQTL | chr9@102cM | LOD: 6.29

Methbin: chrZ_6858000 | marker:Gg_rs14671718

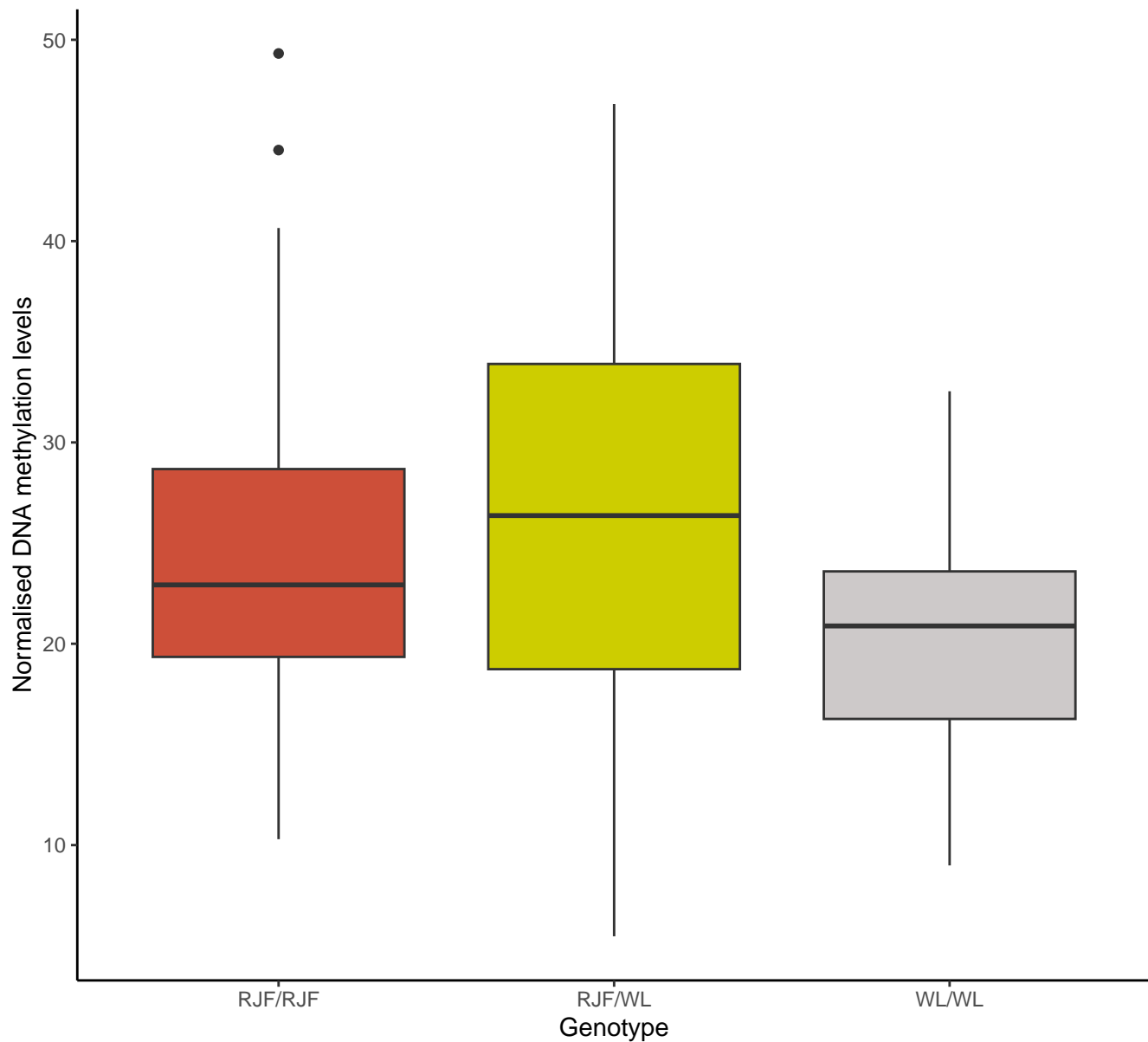
CI: chr9:86.7–105.32cM



trans mQTL | chr7@247.47cM | LOD: 6.41

Methbin: chrZ_7042000 | marker:Gg_rs14622507

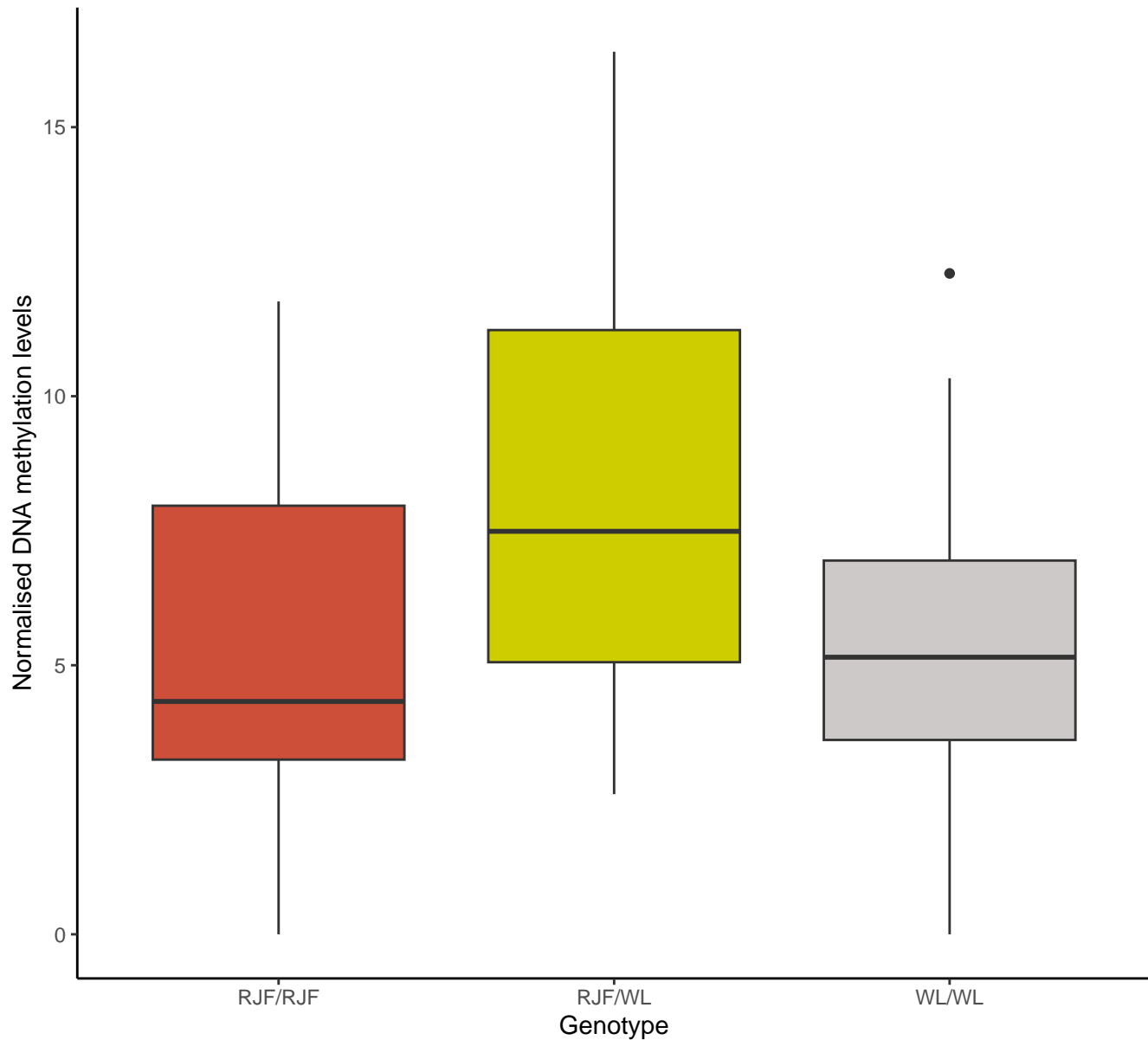
CI: chr7:236.01–262.16cM



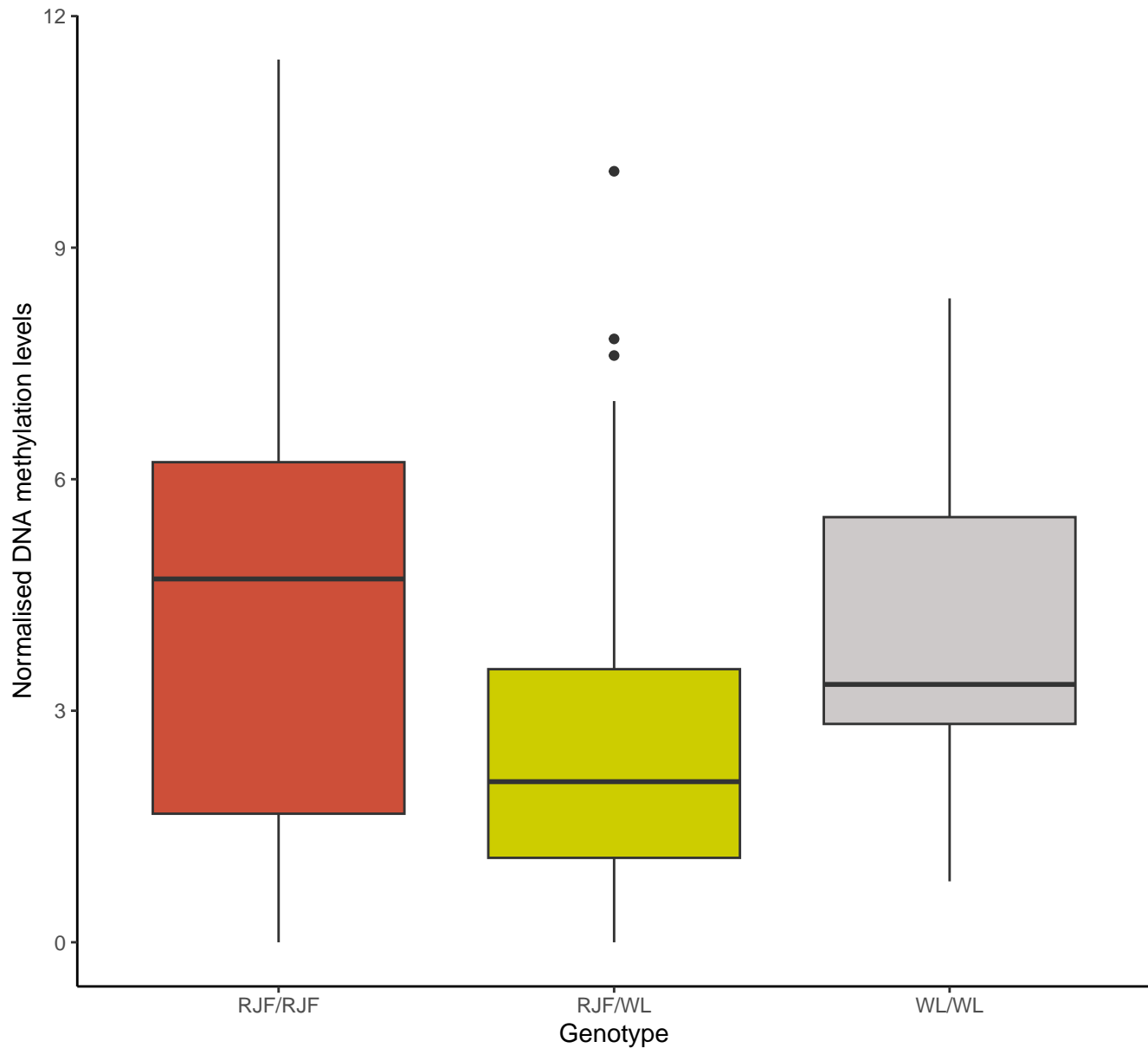
trans mQTL | chr7@10.48cM | LOD: 6.42

Methbin: chrZ_7064000 | marker:Gg_rs15828492

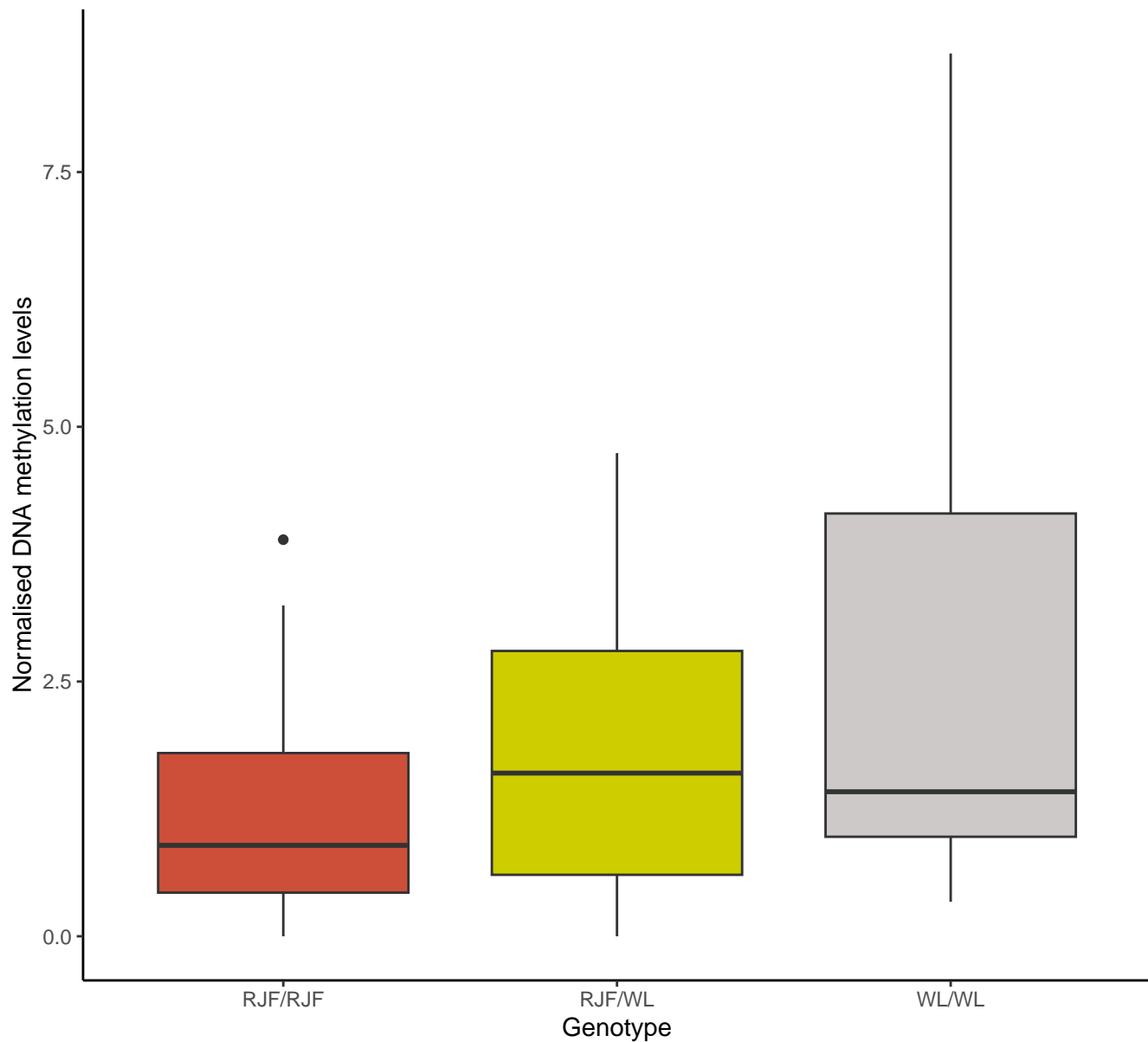
CI: chr7:0–58.22cM



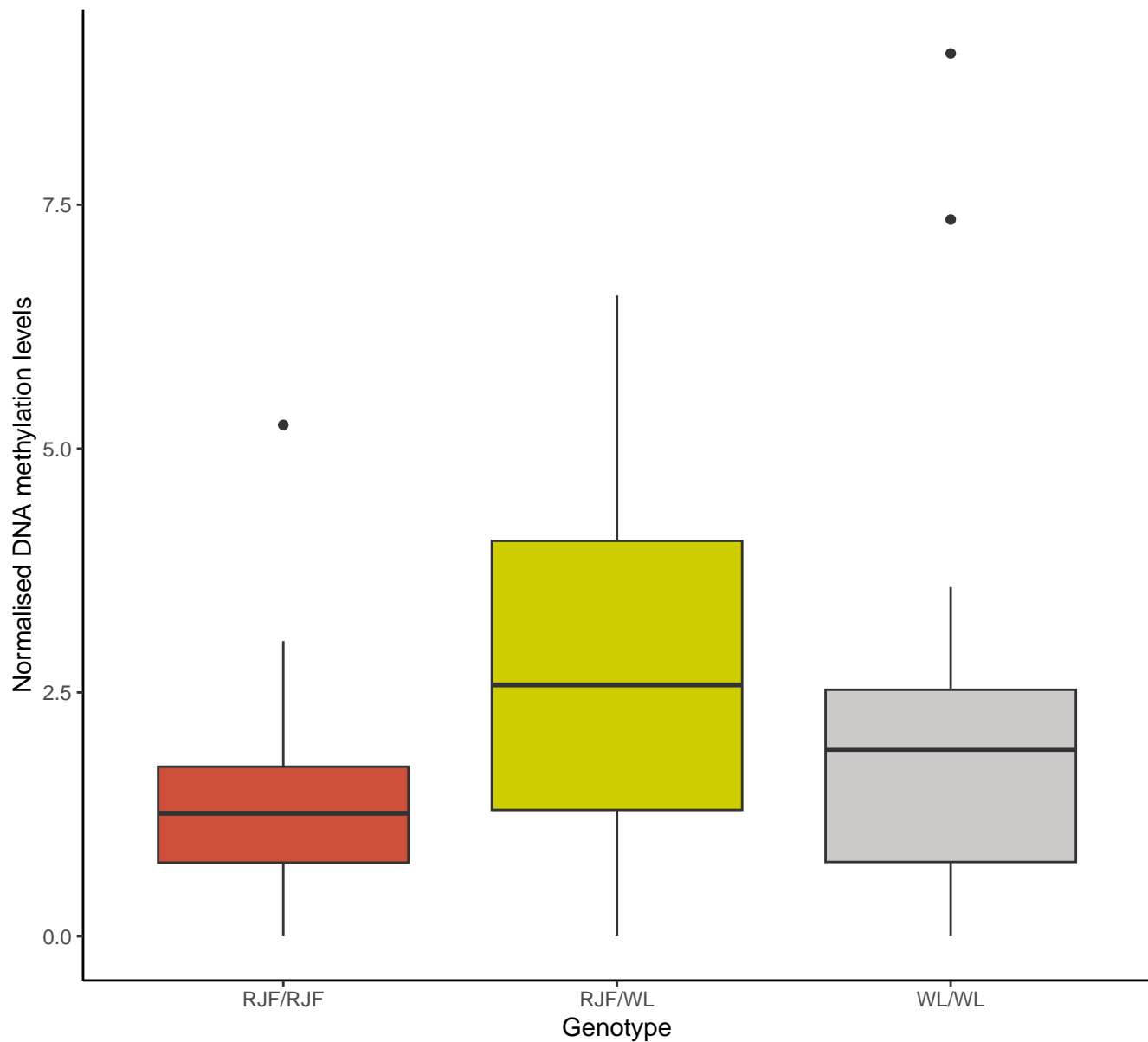
trans mQTL | chr3@354cM | LOD: 6.07
Methbin: chrZ_7142000 | marker:X3_36969573
CI: chr3:309.66–361.42cM



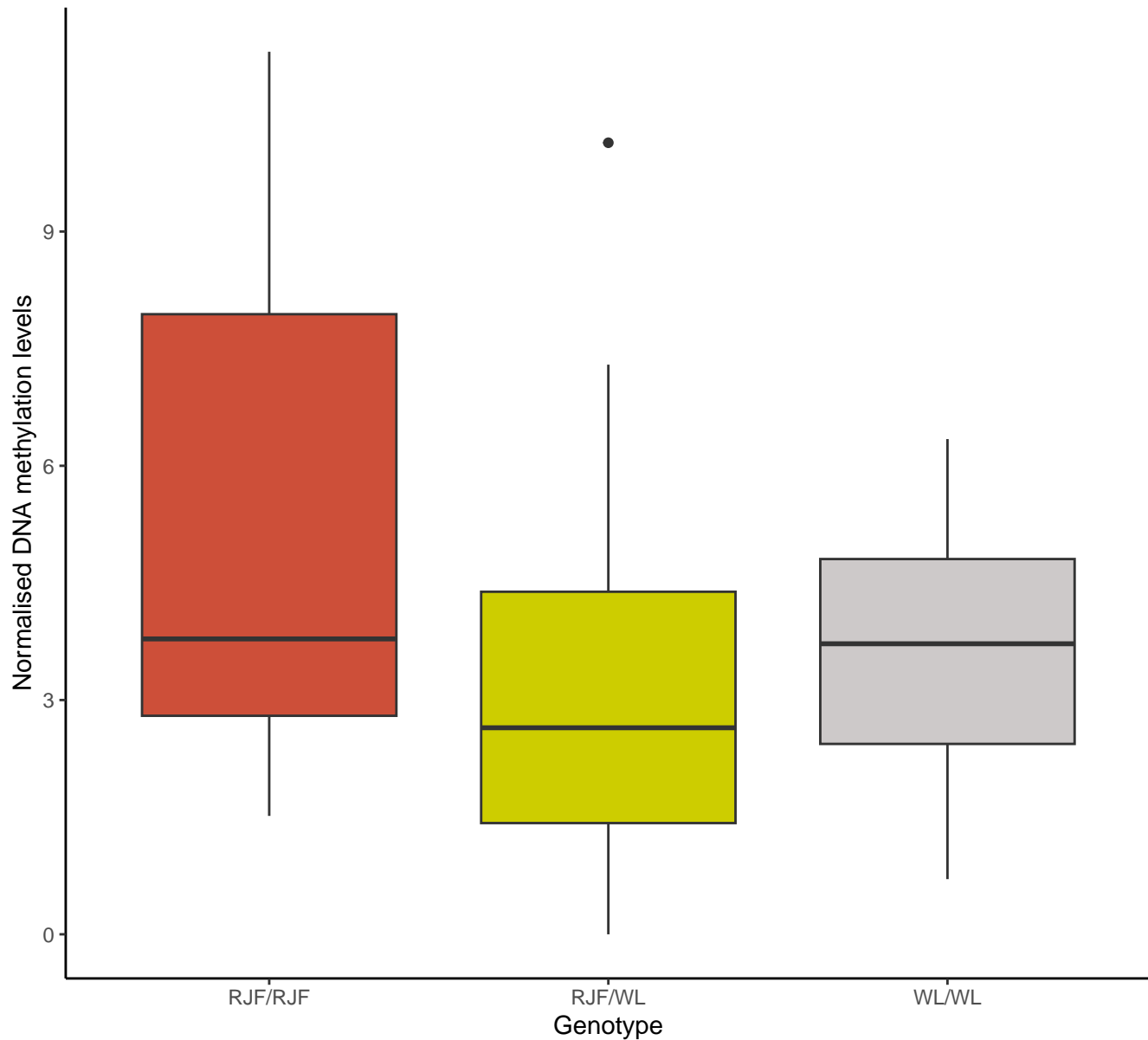
trans mQTL | chr14@265.73cM | LOD: 6.25
Methbin: chrZ_7304000 | marker:rb1871
CI: chr14:241.01–265.73cM



trans mQTL | chr14@265.73cM | LOD: 7.34
Methbin: chrZ_7557000 | marker:rb11871
CI: chr14:241.01–265.73cM



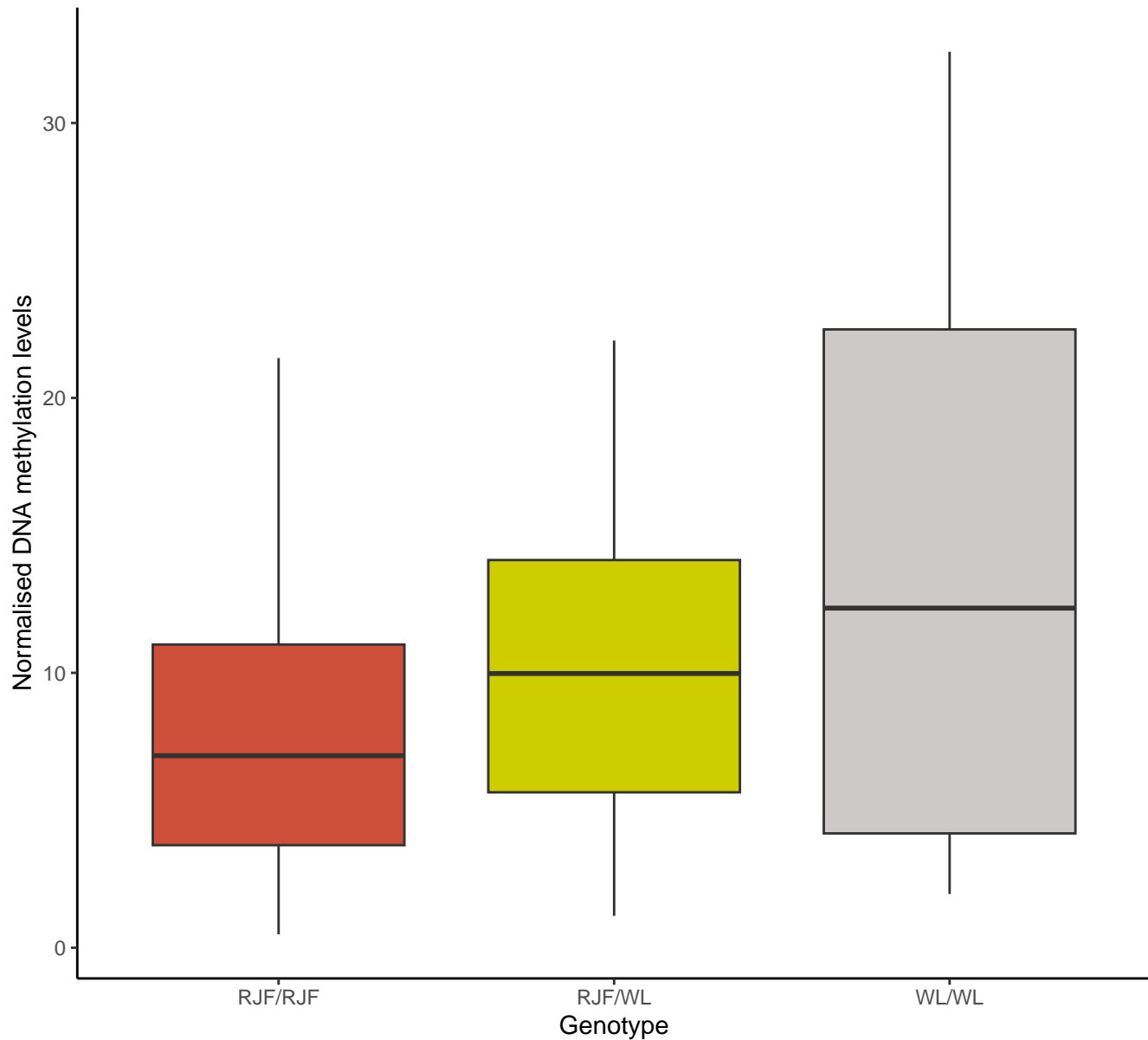
trans mQTL | chr3@577cM | LOD: 6.76
Methbin: chrZ_7573000 | marker:Gg_rs15416272
CI: chr3:557.74–610.92cM



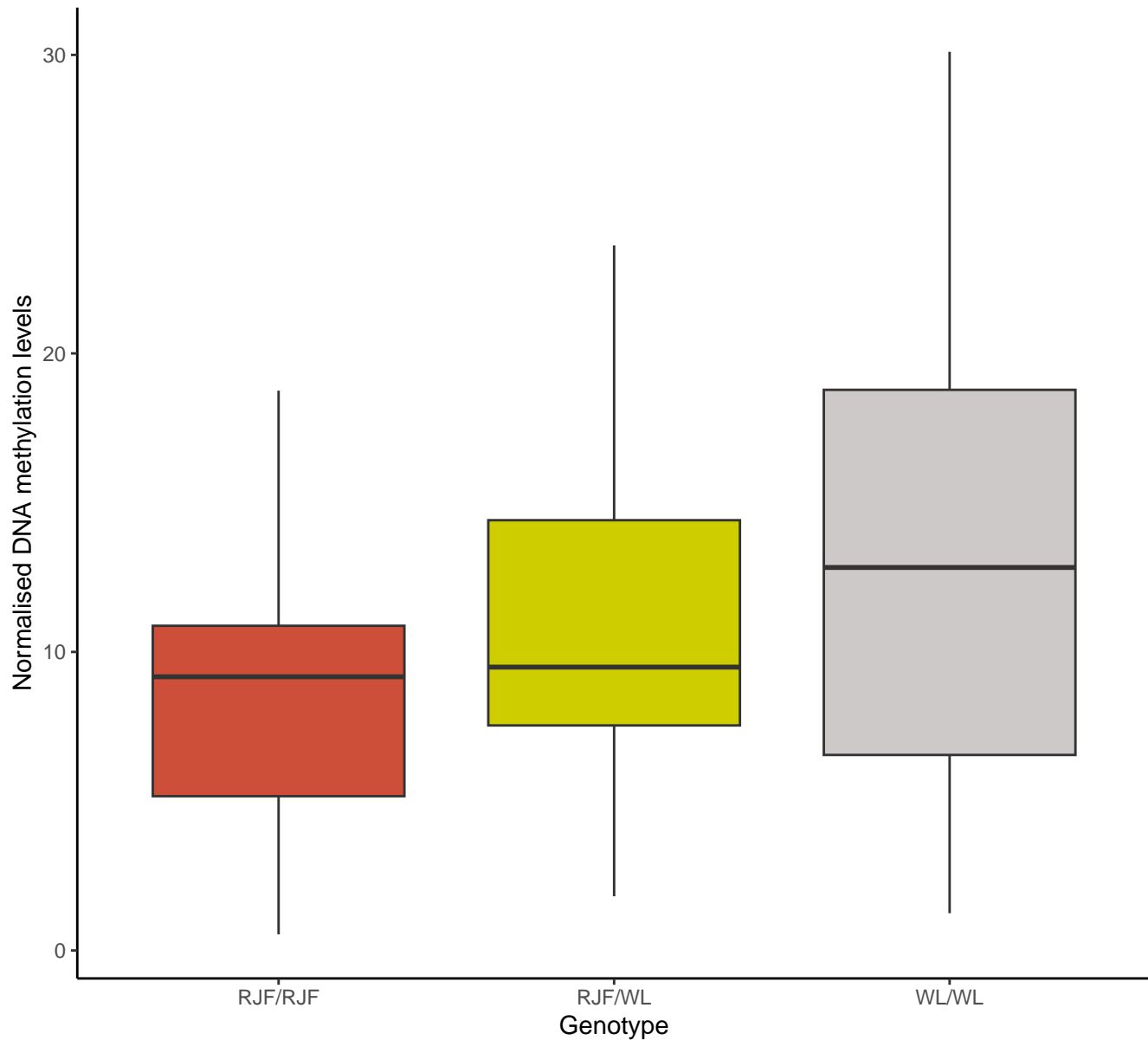
trans mQTL | chr3@219cM | LOD: 7.46

Methbin: chrZ_8087000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



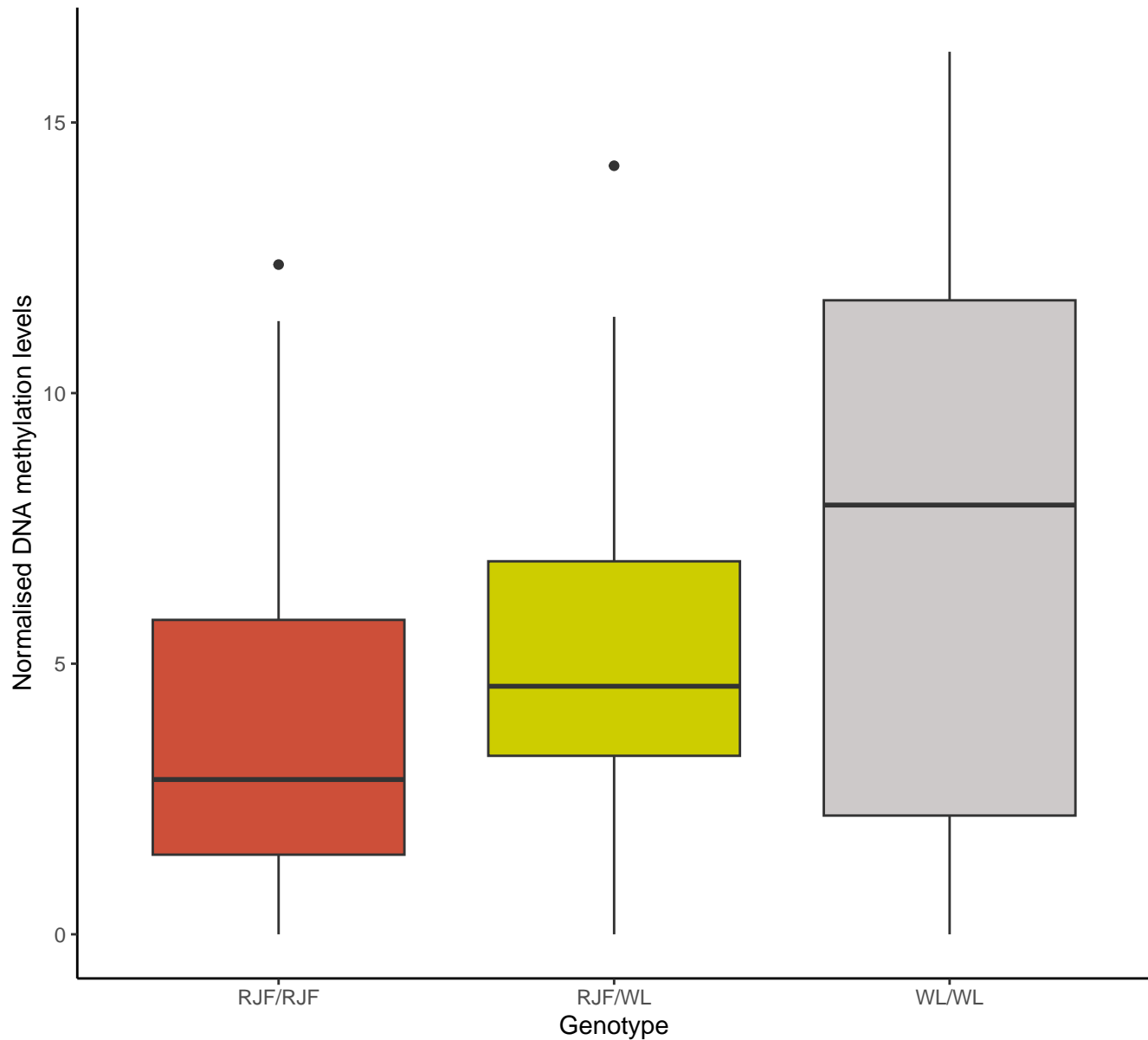
trans mQTL | chr3@219cM | LOD: 6.26
Methbin: chrZ_8196000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



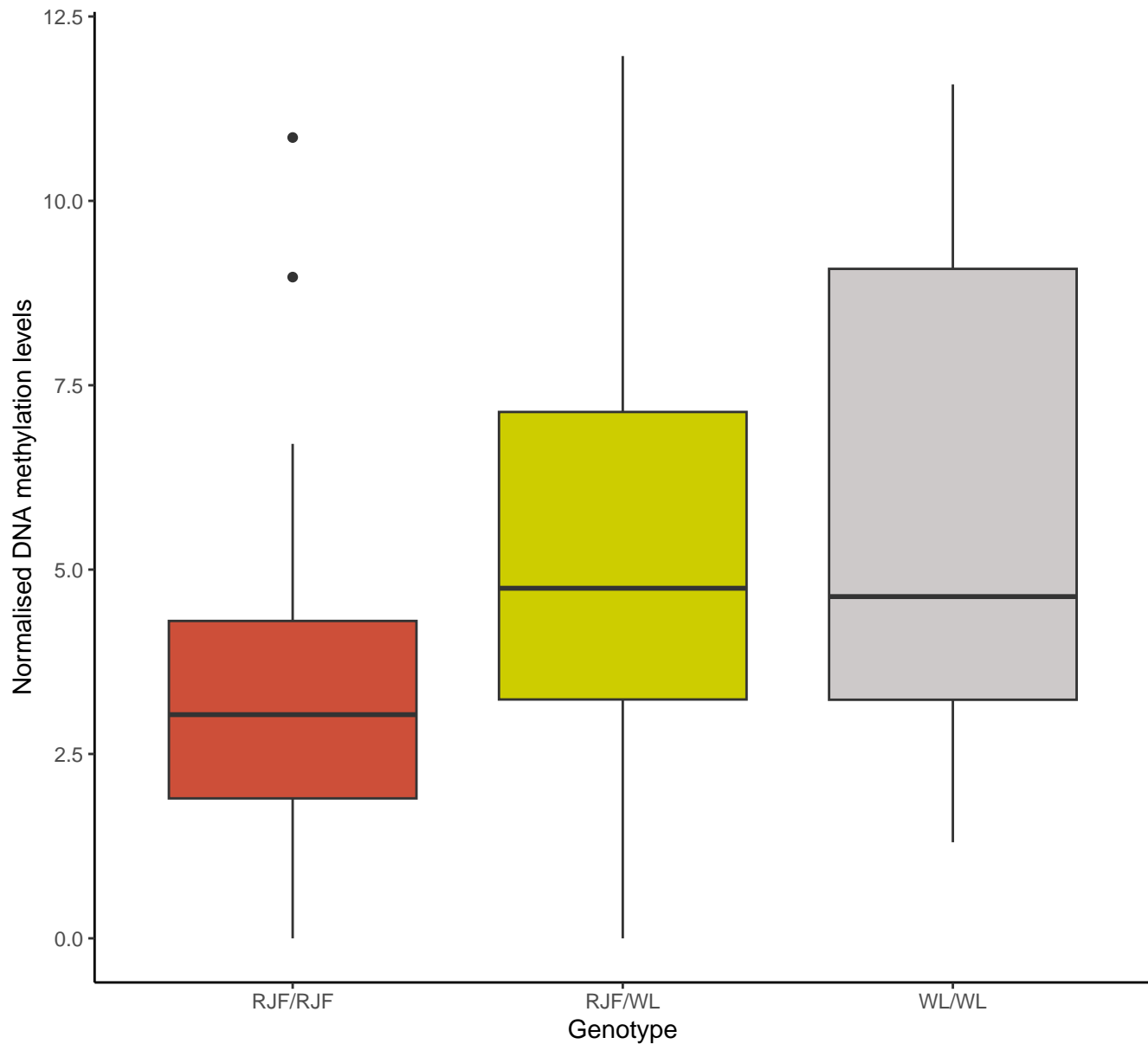
trans mQTL | chr3@219cM | LOD: 6.18

Methbin: chrZ_8233000 | marker:Gg_rs15282380

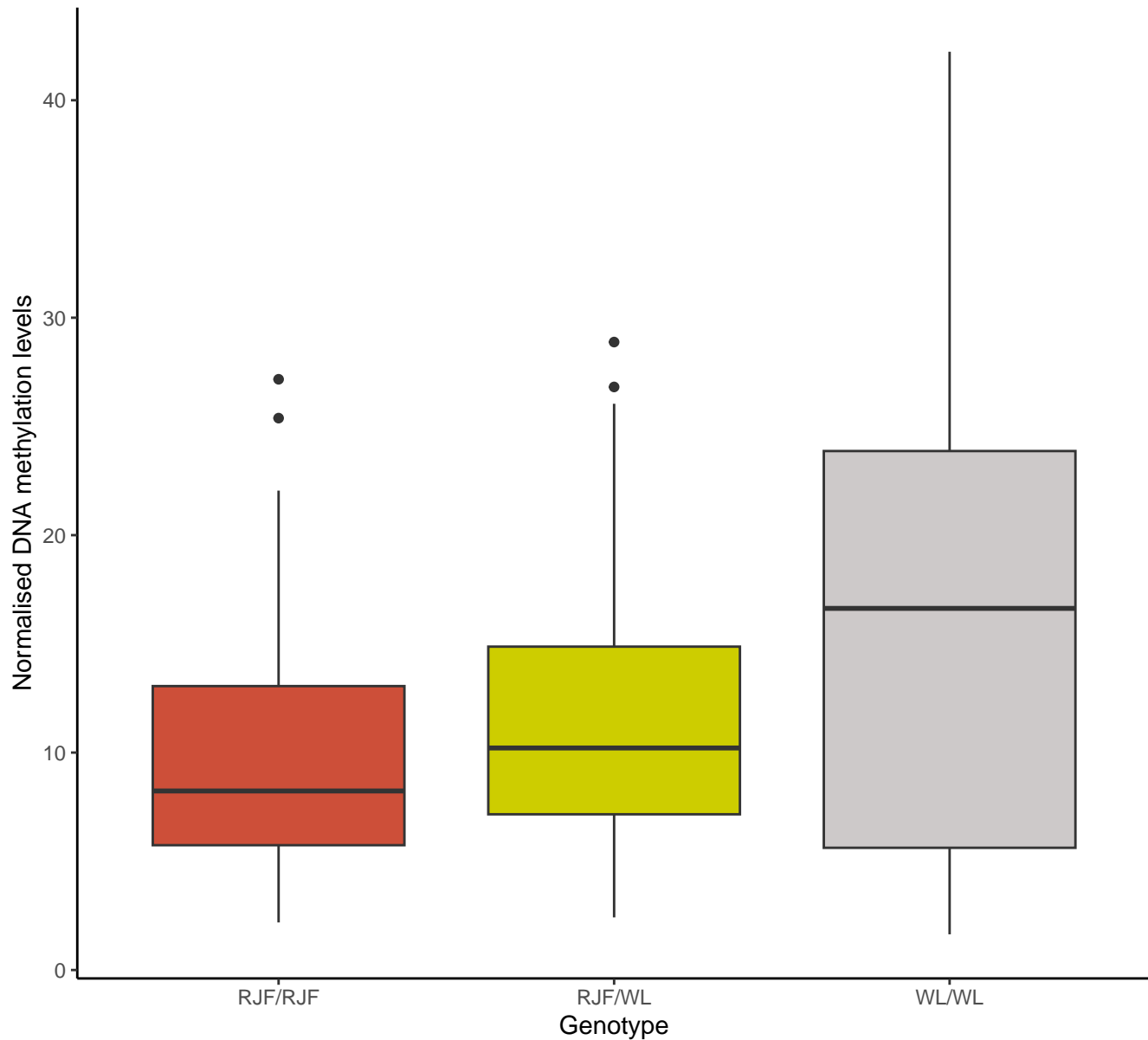
CI: chr3:181–270.84cM



trans mQTL | chr9@120.42cM | LOD: 6.12
Methbin: chrZ_8239000 | marker:Gg_rs13608395
CI: chr9:96.99–145.29cM



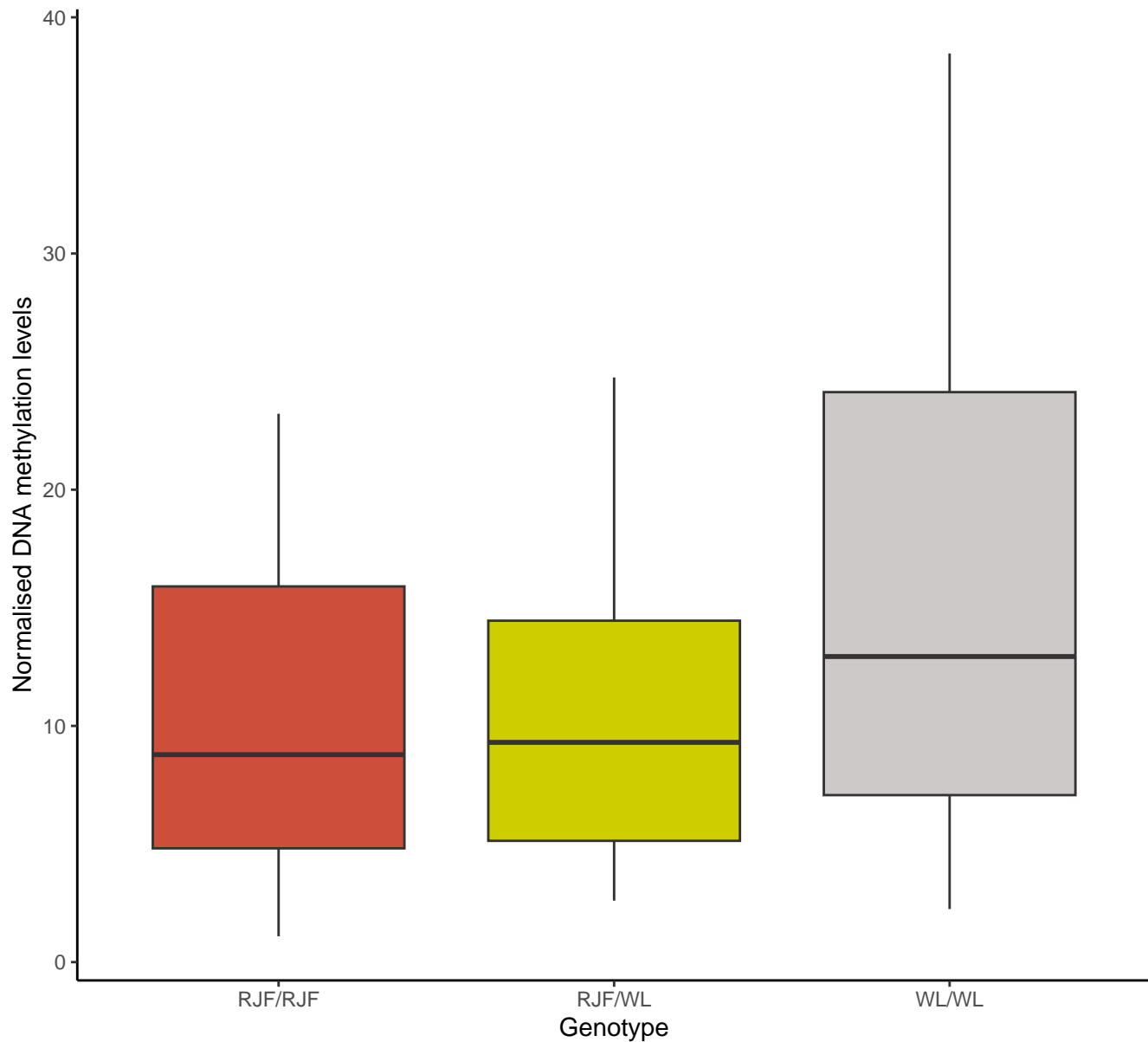
trans mQTL | chr3@219cM | LOD: 7.36
Methbin: chrZ_8274000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 6.61

Methbin: chrZ_8894000 | marker:Gg_rs15282380

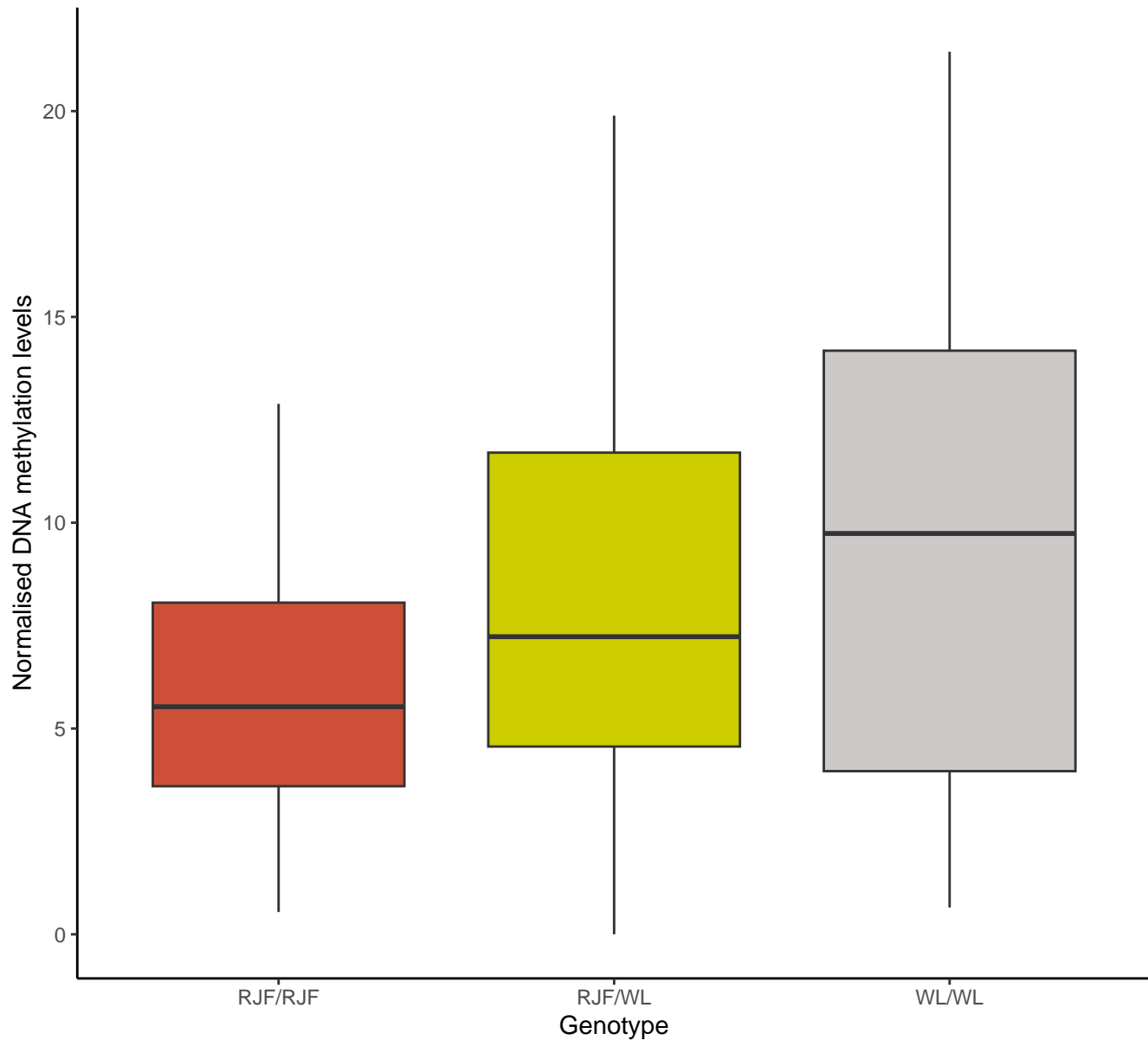
CI: chr3:181–270.84cM



trans mQTL | chr9@120.42cM | LOD: 7.65

Methbin: chrZ_8969000 | marker:Gg_rs13608395

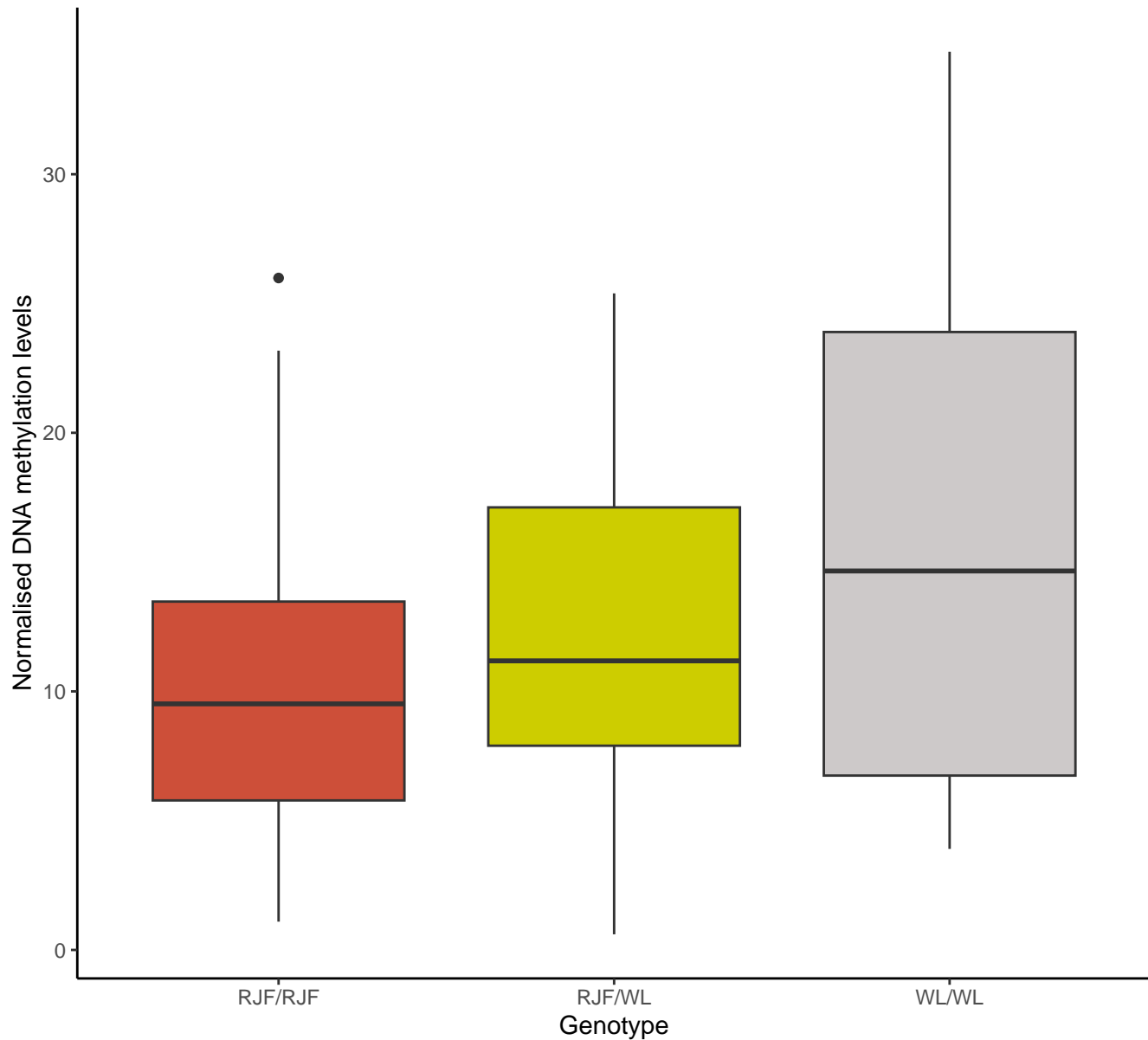
CI: chr9:96.99–145.29cM



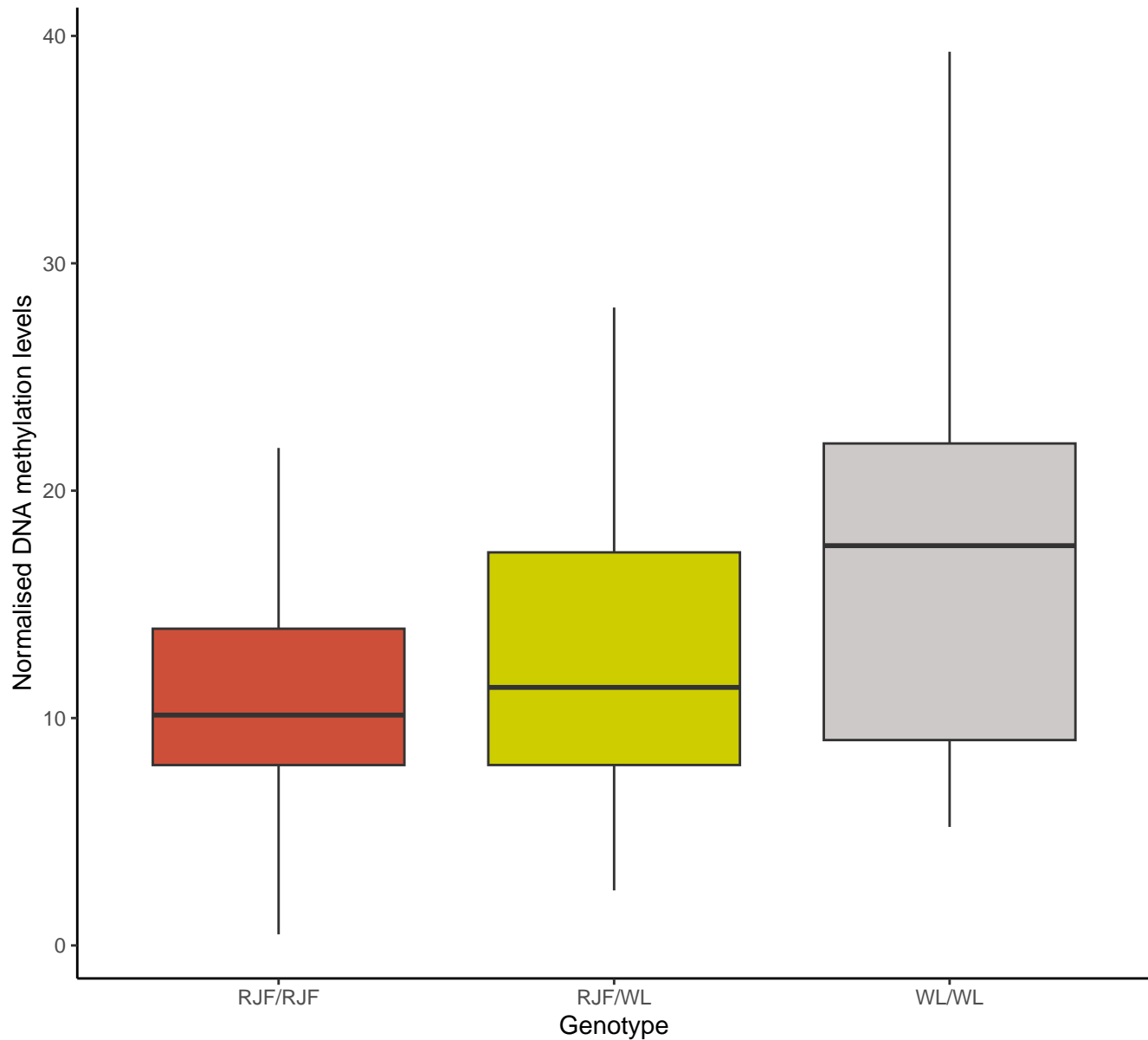
trans mQTL | chr3@219cM | LOD: 6.72

Methbin: chrZ_9484000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



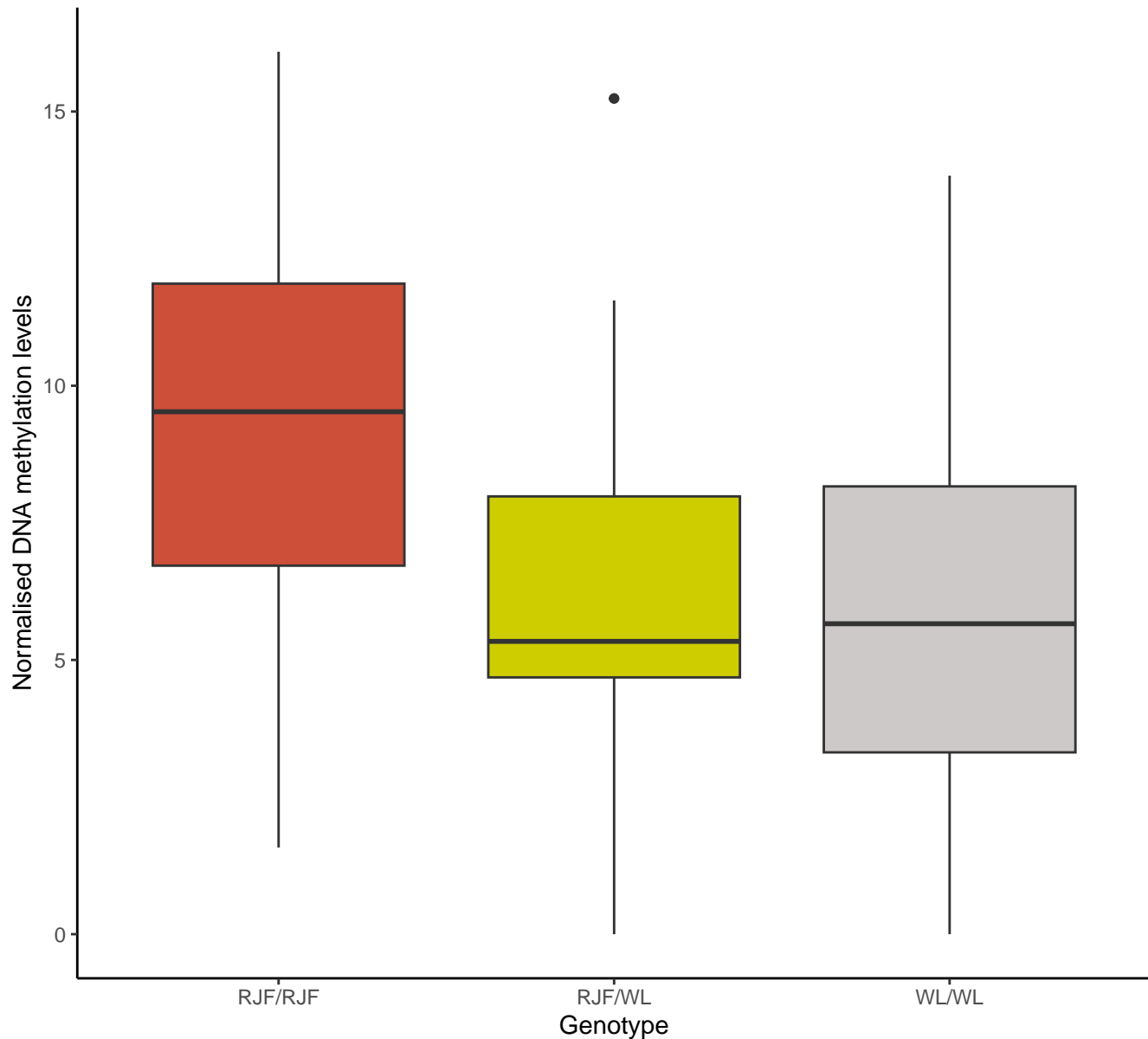
trans mQTL | chr3@219cM | LOD: 6.16
Methbin: chrZ_9573000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



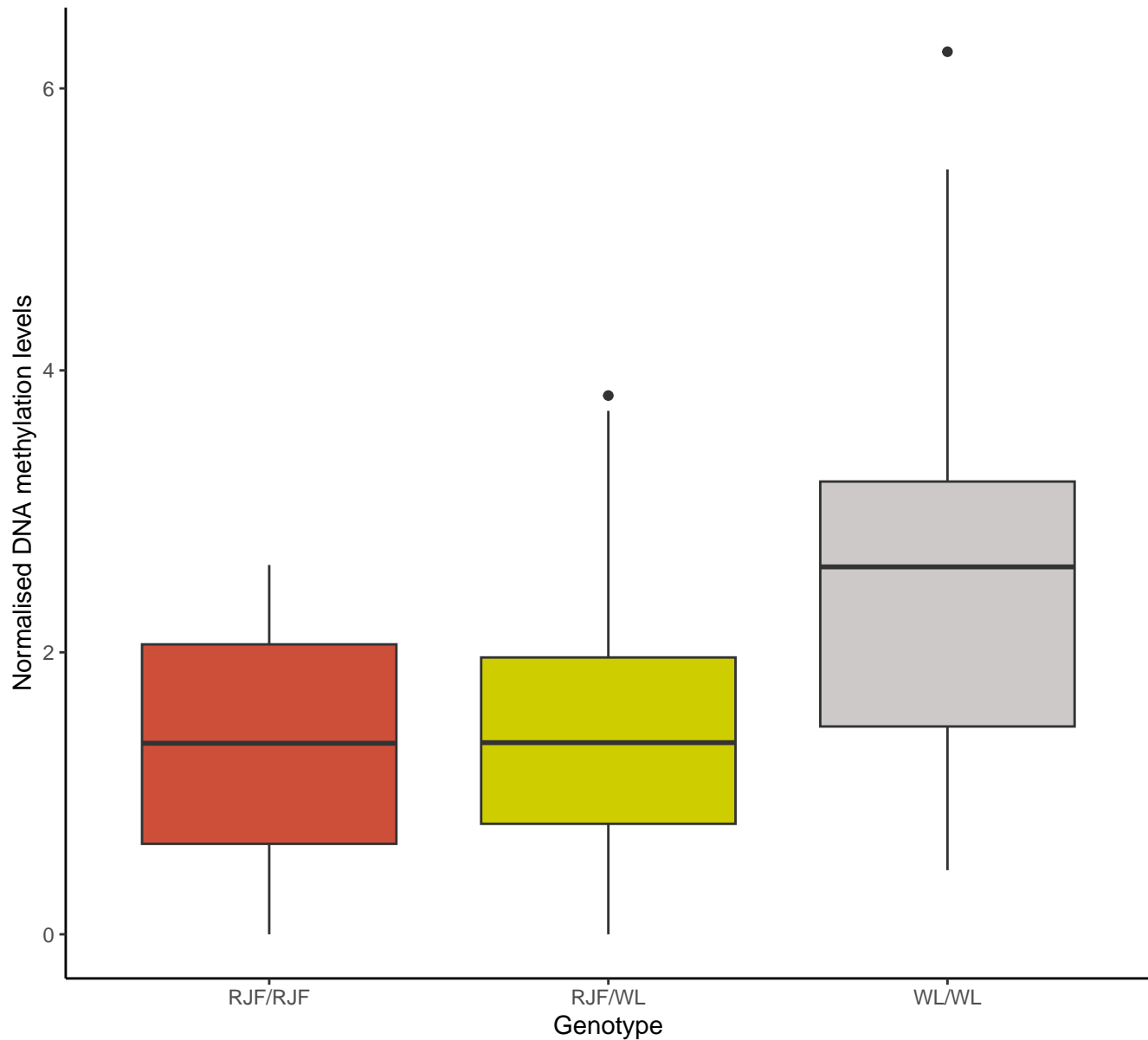
trans mQTL | chr5@95.63cM | LOD: 6.04

Methbin: chrZ_9621000 | marker:Gg_rs15666168

CI: chr5:92.14–131.24cM



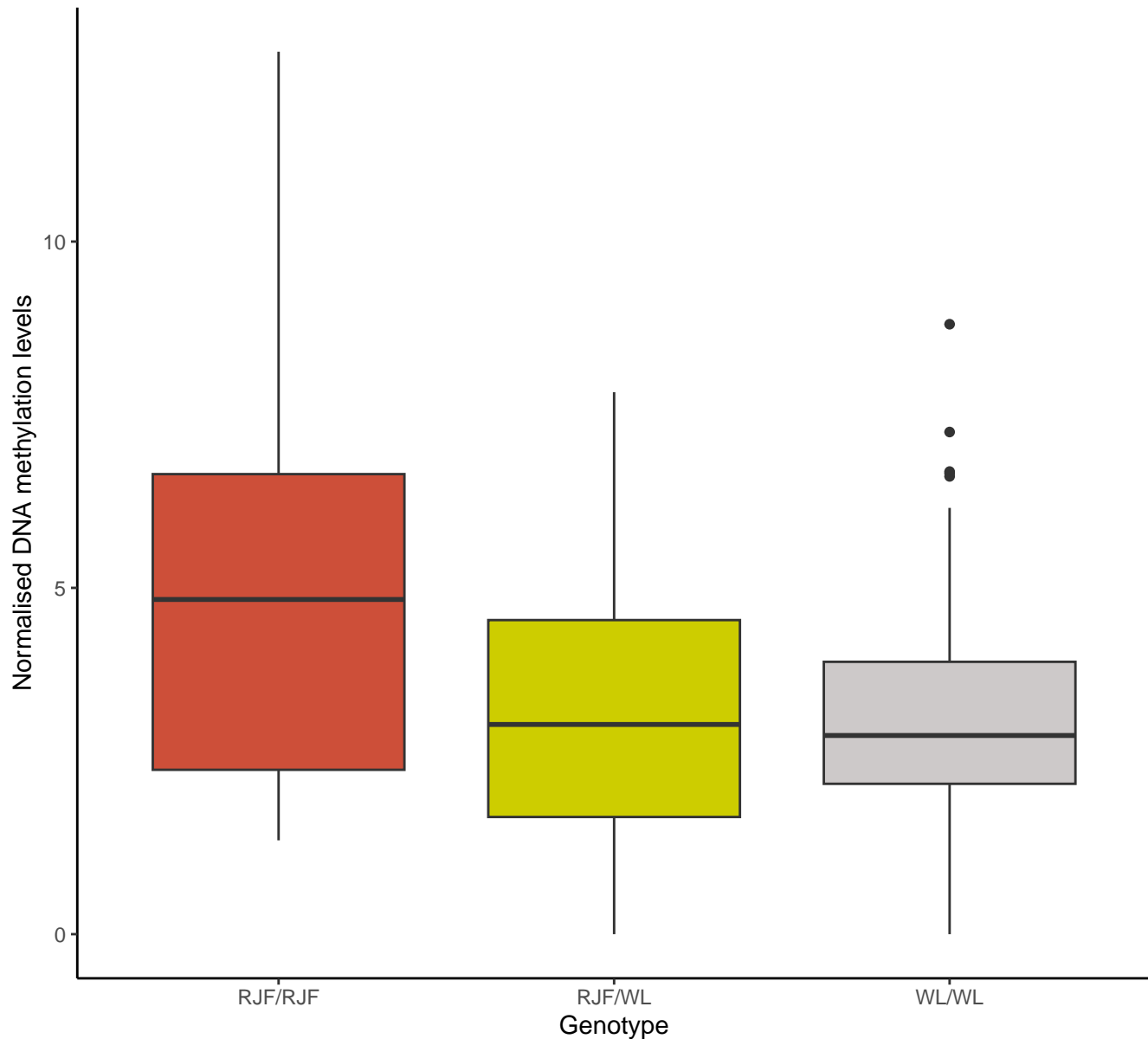
trans mQTL | chr2@97cM | LOD: 6.43
Methbin: chrZ_9648000 | marker:Gg_rs15060526
CI: chr2:41.4–145.68cM



trans mQTL | chr12@57.81cM | LOD: 6.76

Methbin: chrZ_9994000 | marker:Gg_rs13609494

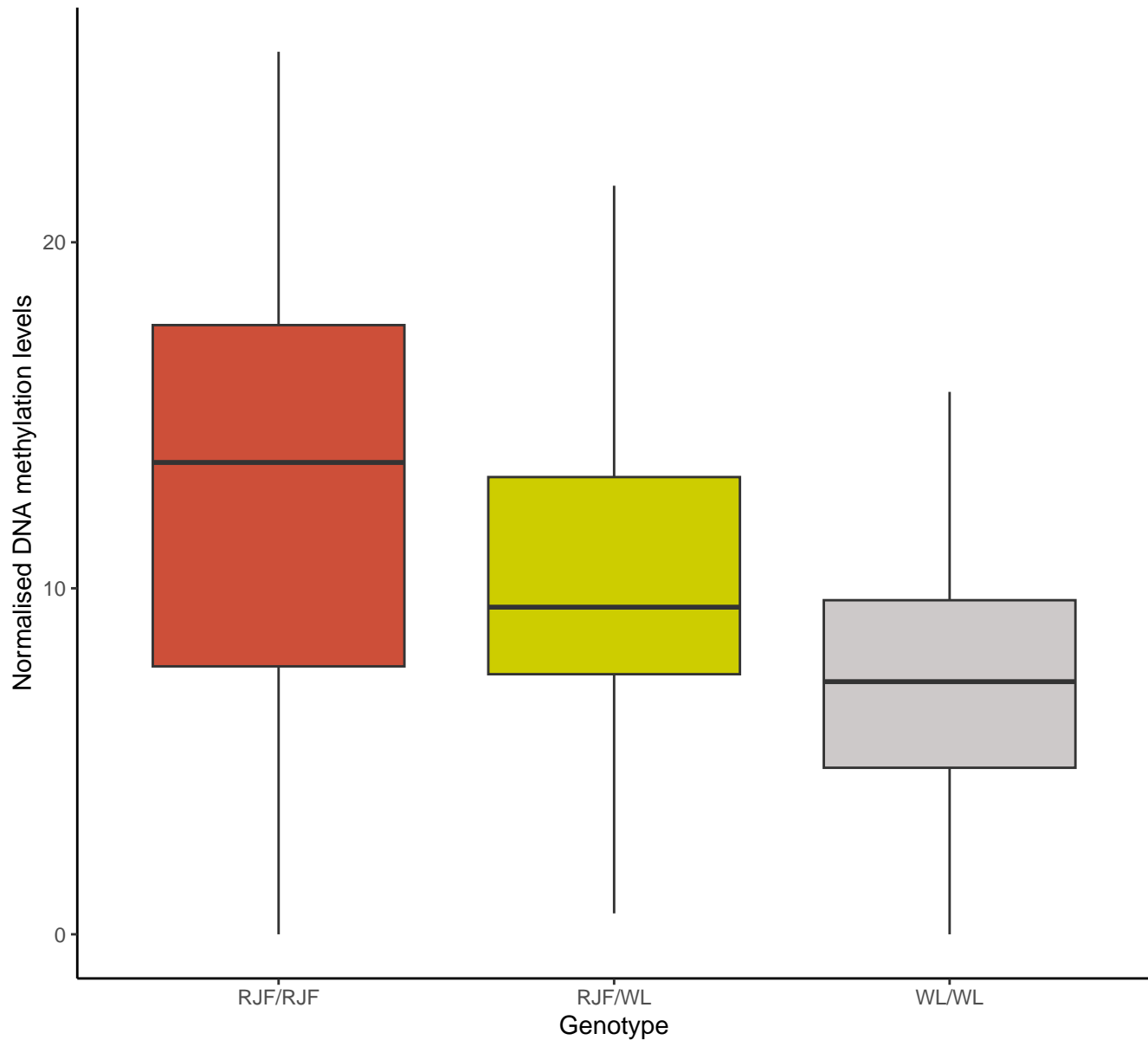
CI: chr12:34.82–85.17cM



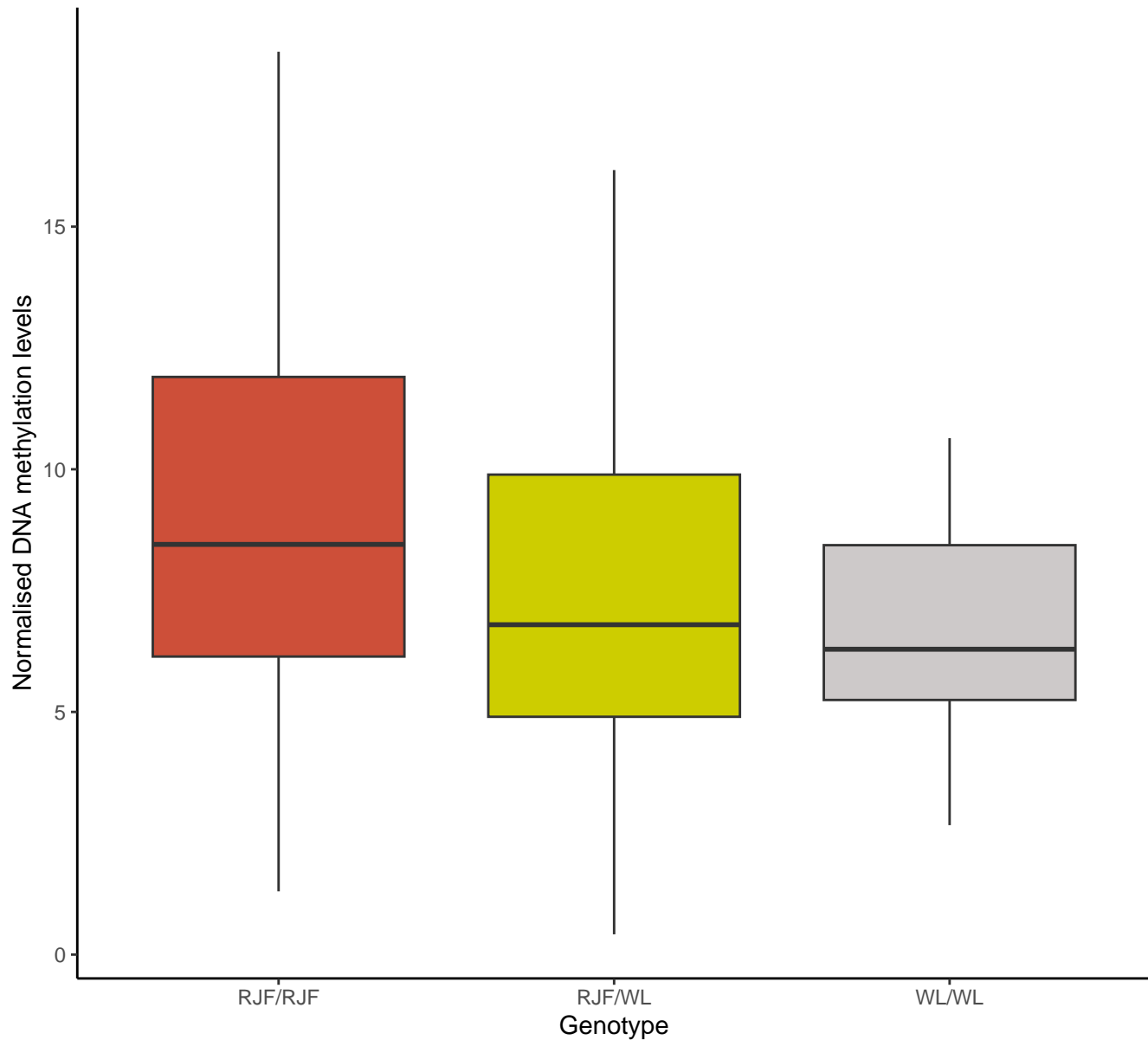
trans mQTL | chr17@58.07cM | LOD: 6.32

Methbin: chrZ_10114000 | marker:Gg_rs13744918

CI: chr17:15.5–81.37cM



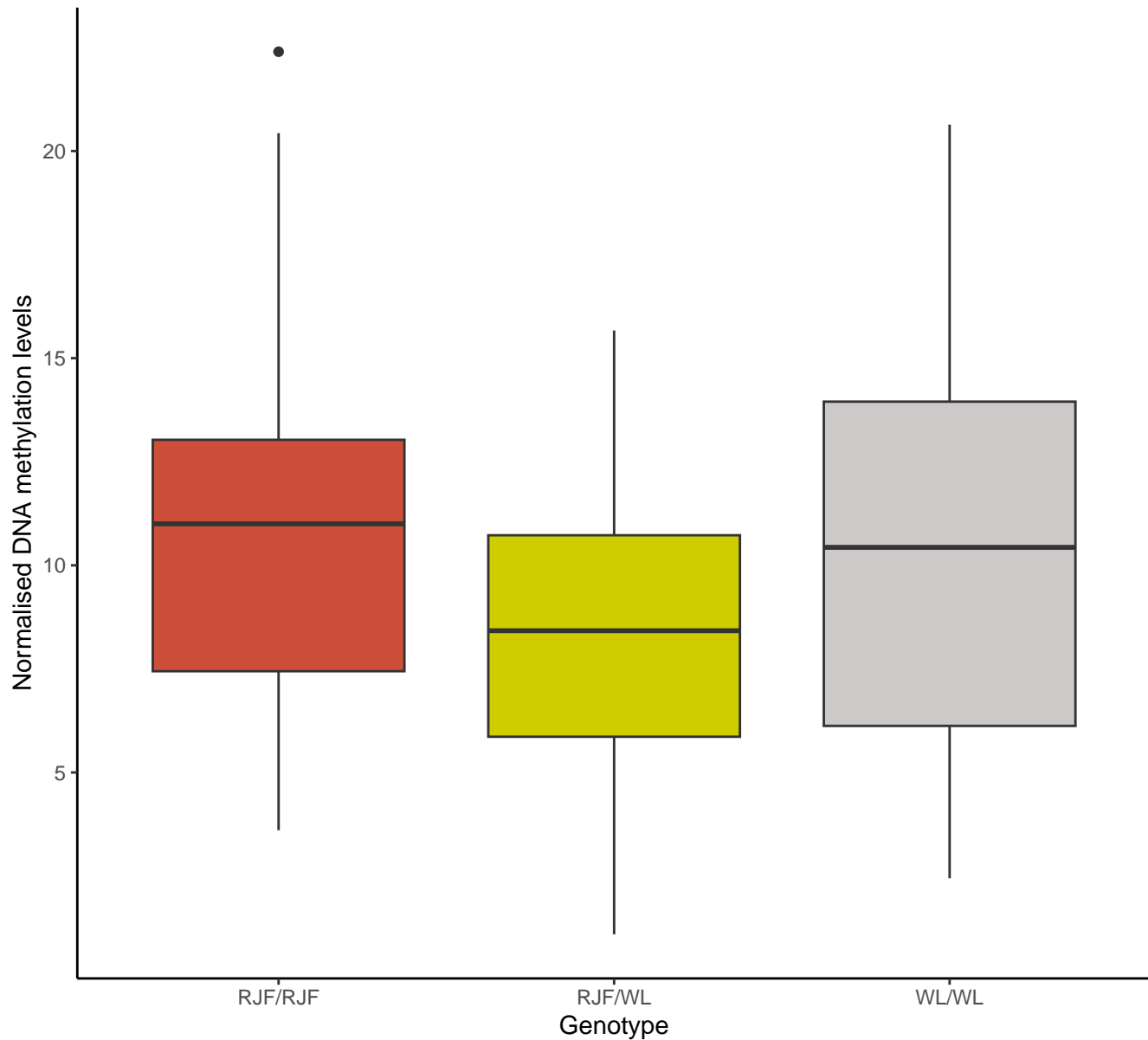
trans mQTL | chr8@103cM | LOD: 6.72
Methbin: chrZ_10232000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



trans mQTL | chr1@281.94cM | LOD: 6.79

Methbin: chrZ_10251000 | marker:Gg_rs14793763

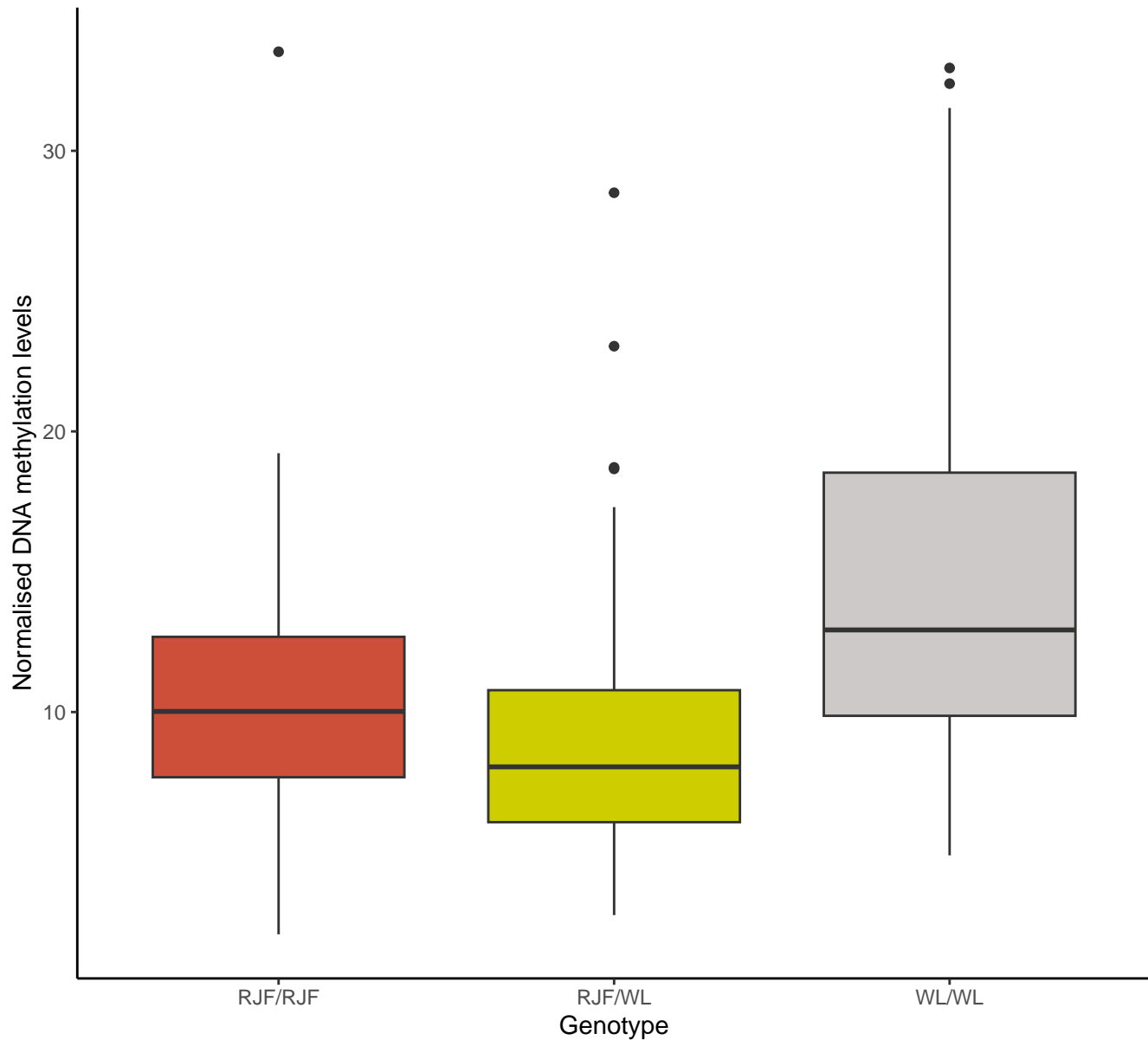
CI: chr1:269.61–296.72cM



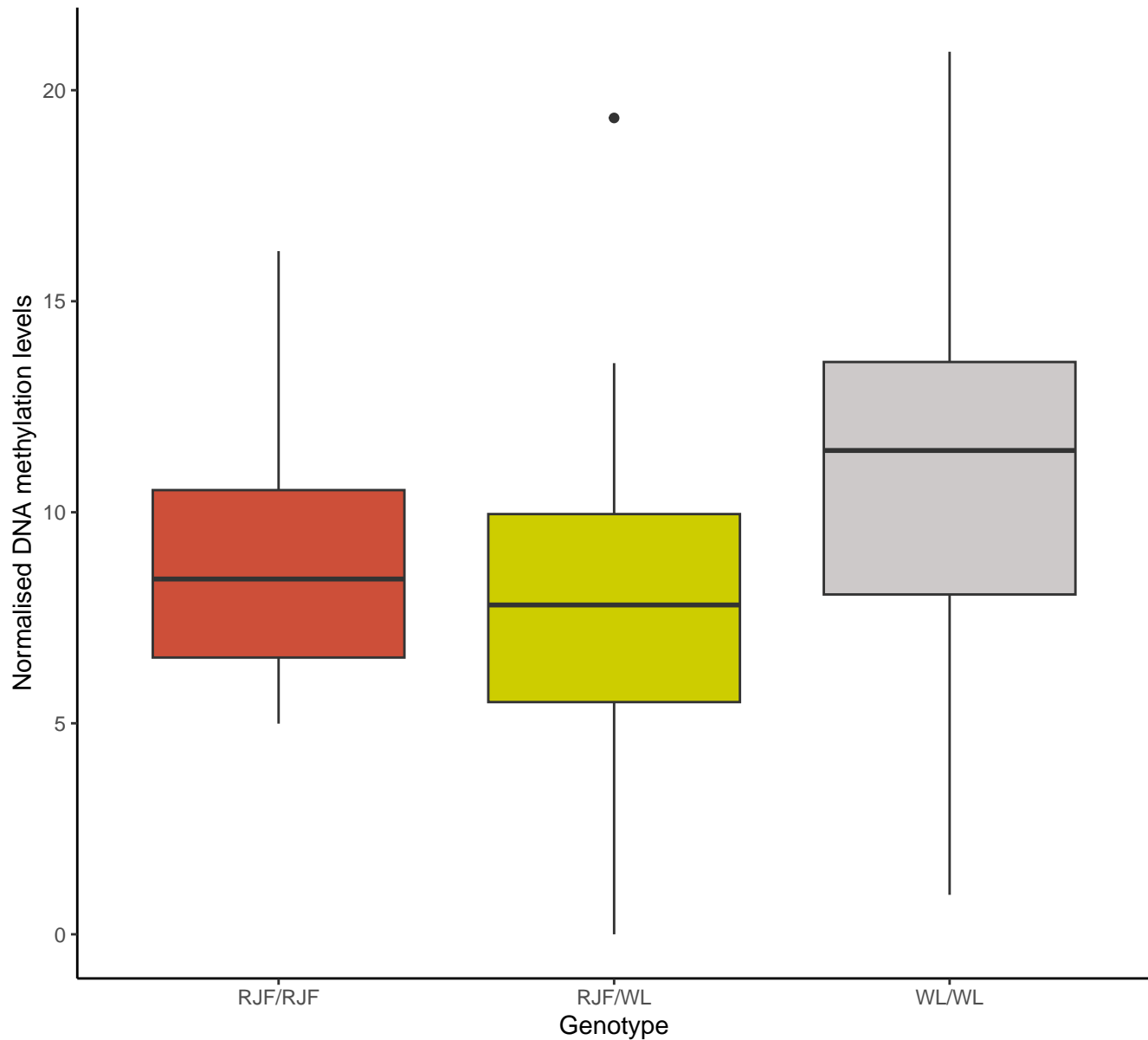
trans mQTL | chr2@98.38cM | LOD: 5.93

Methbin: chrZ_10309000 | marker:Gg_rs15060526

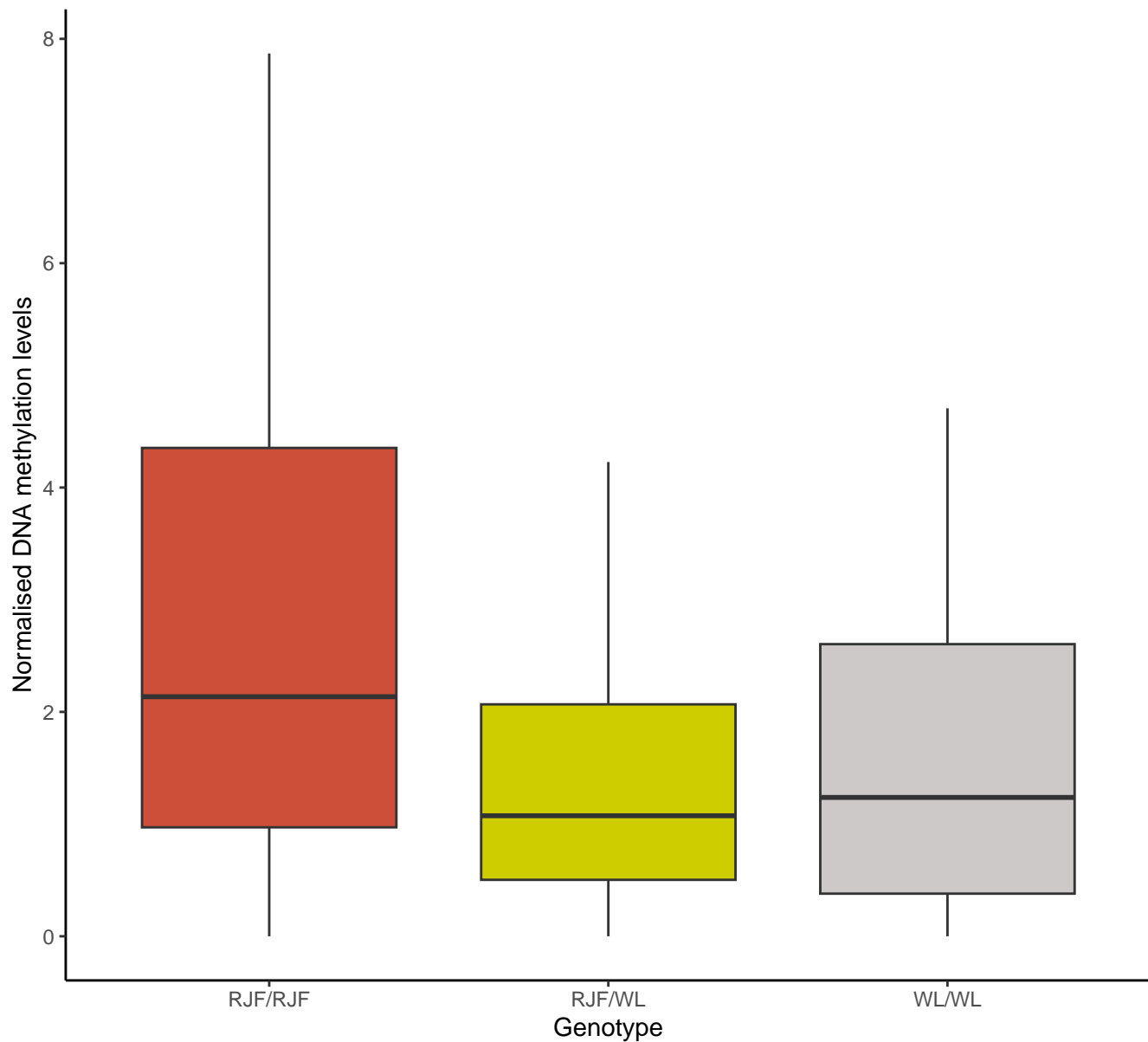
CI: chr2:90.91–145.68cM



trans mQTL | chr2@92cM | LOD: 6.43
Methbin: chrZ_10343000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



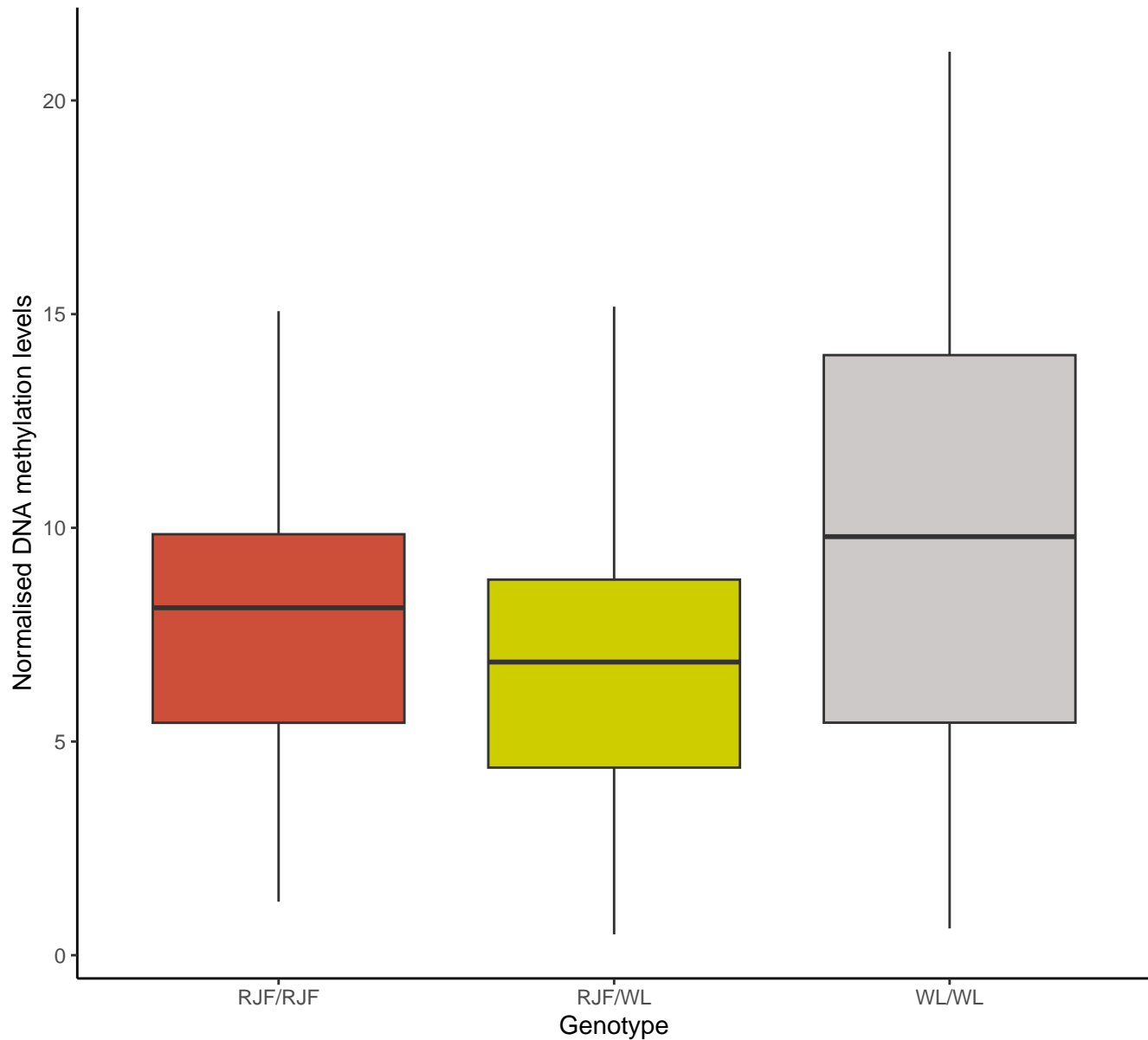
trans mQTL | chr2@1189.59cM | LOD: 8.25
Methbin: chrZ_10357000 | marker:Gg_rs13761539
CI: chr2:1184.59–1275.66cM



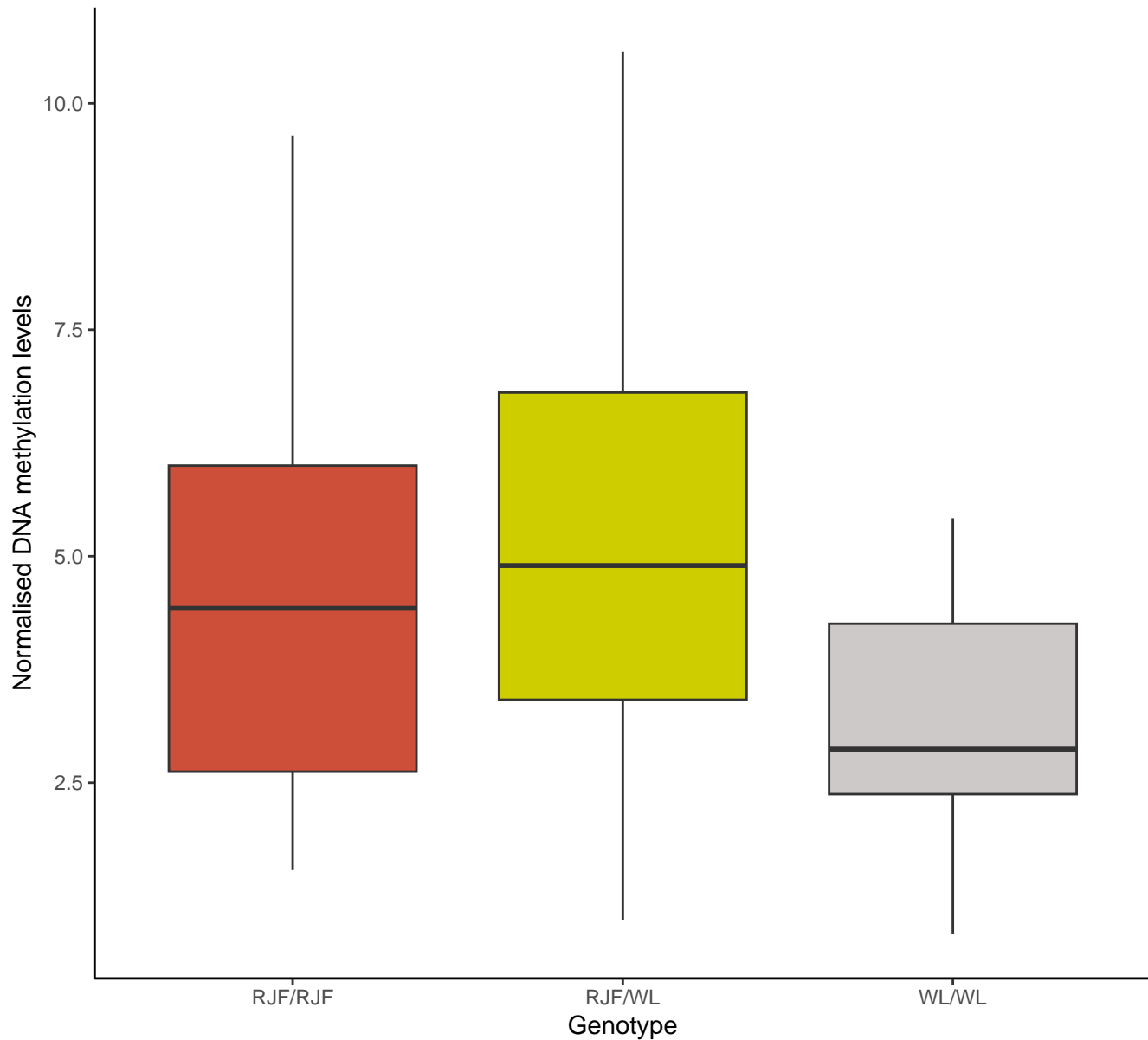
trans mQTL | chr3@571.83cM | LOD: 6.64

Methbin: chrZ_10493000 | marker:Gg_rs14386273

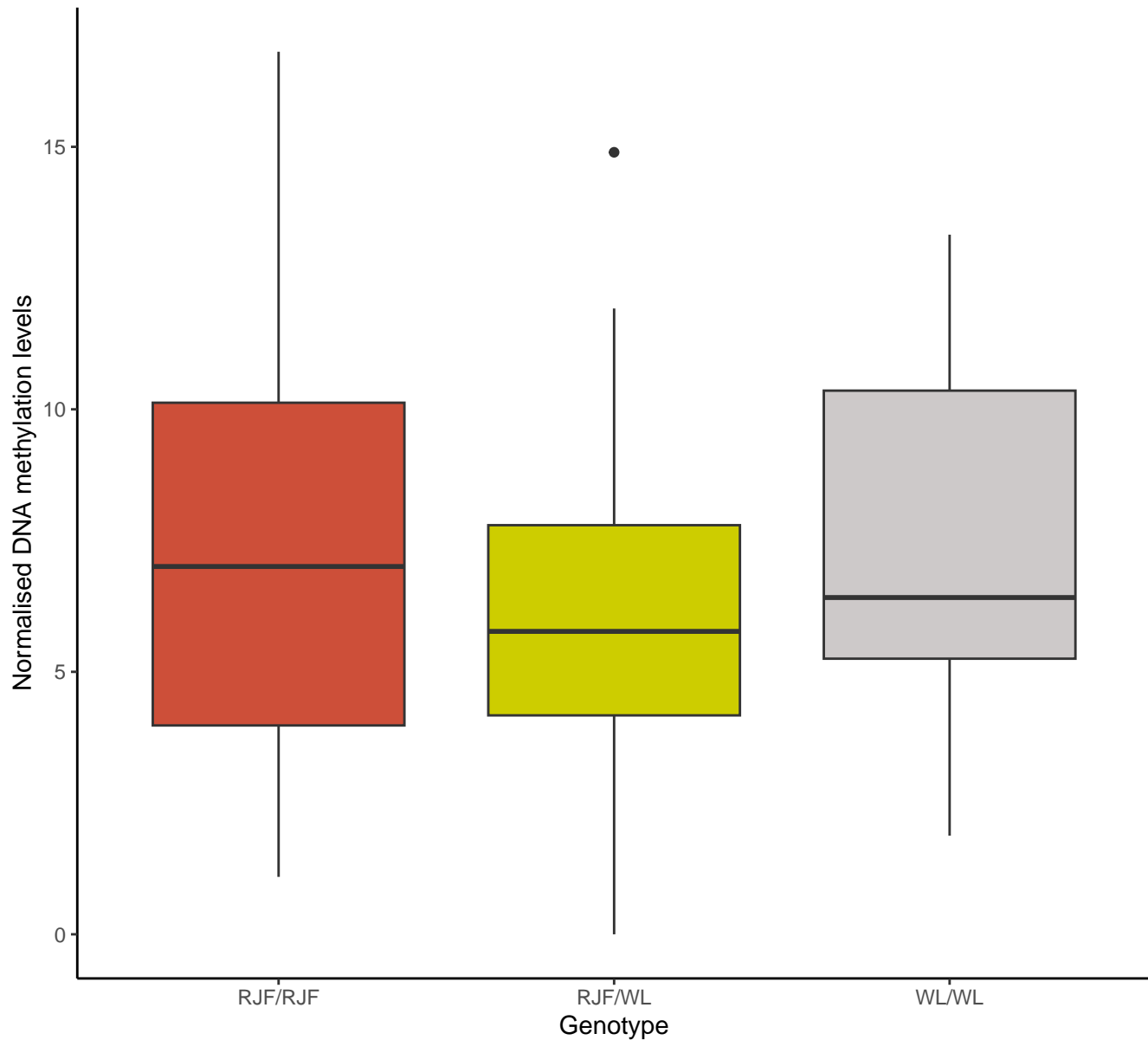
CI: chr3:557.74–578.5cM



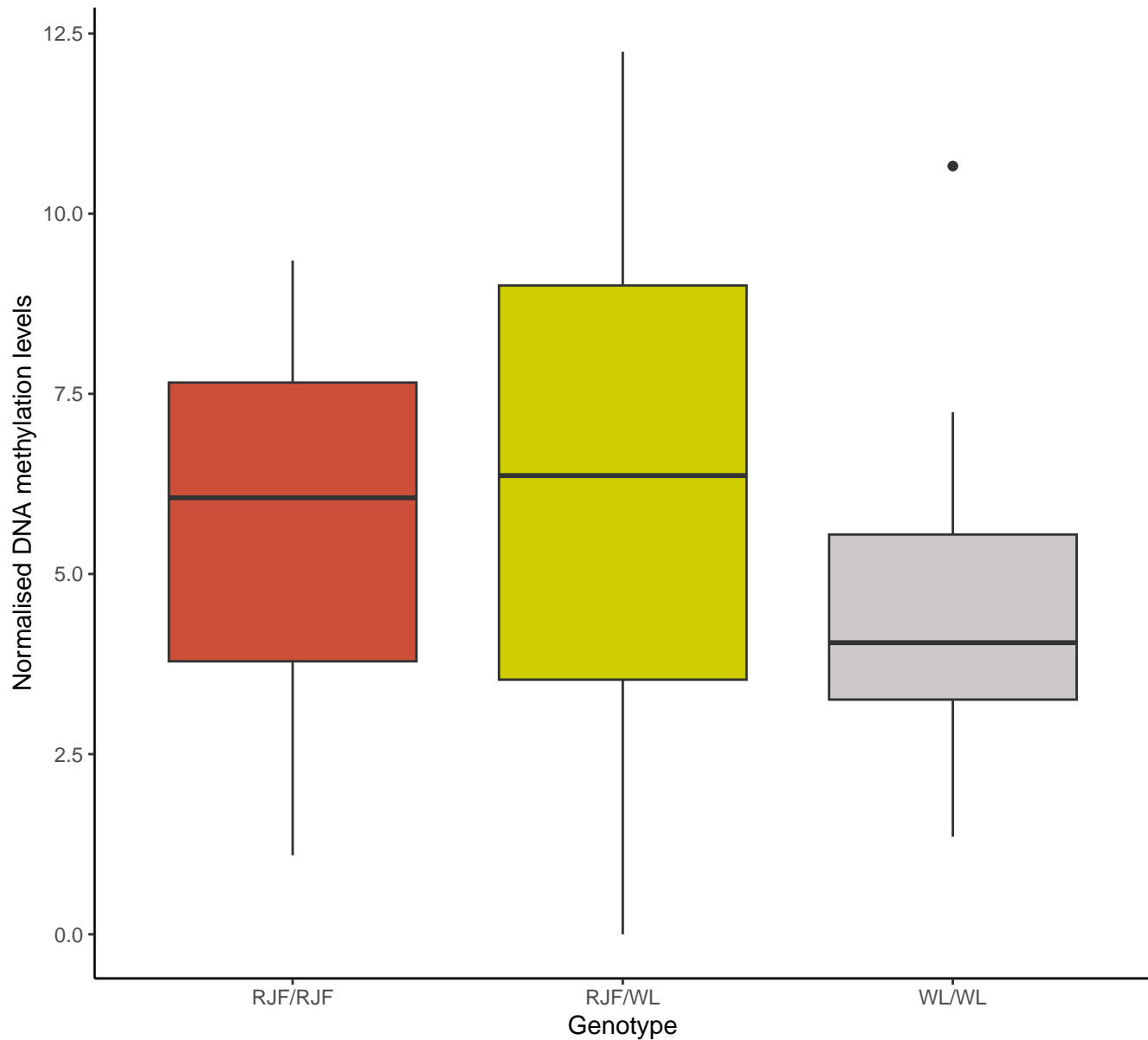
trans mQTL | chr9@96.99cM | LOD: 6.66
Methbin: chrZ_10793000 | marker:Gg_rs13764479
CI: chr9:86.7–117.55cM



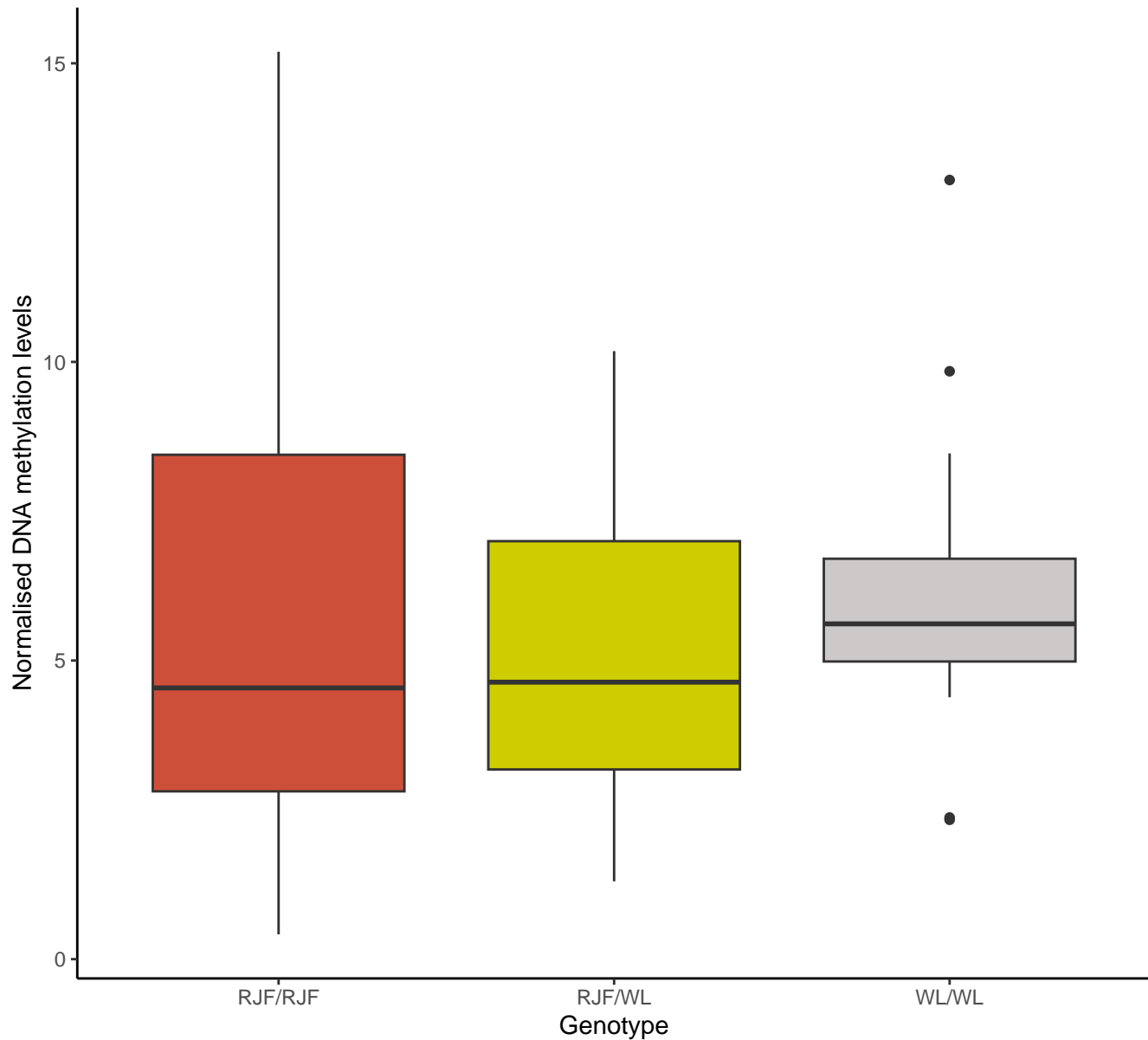
trans mQTL | chr2@1cM | LOD: 6.03
Methbin: chrZ_10917000 | marker:Gg_rs14131525
CI: chr2:1-98.38cM



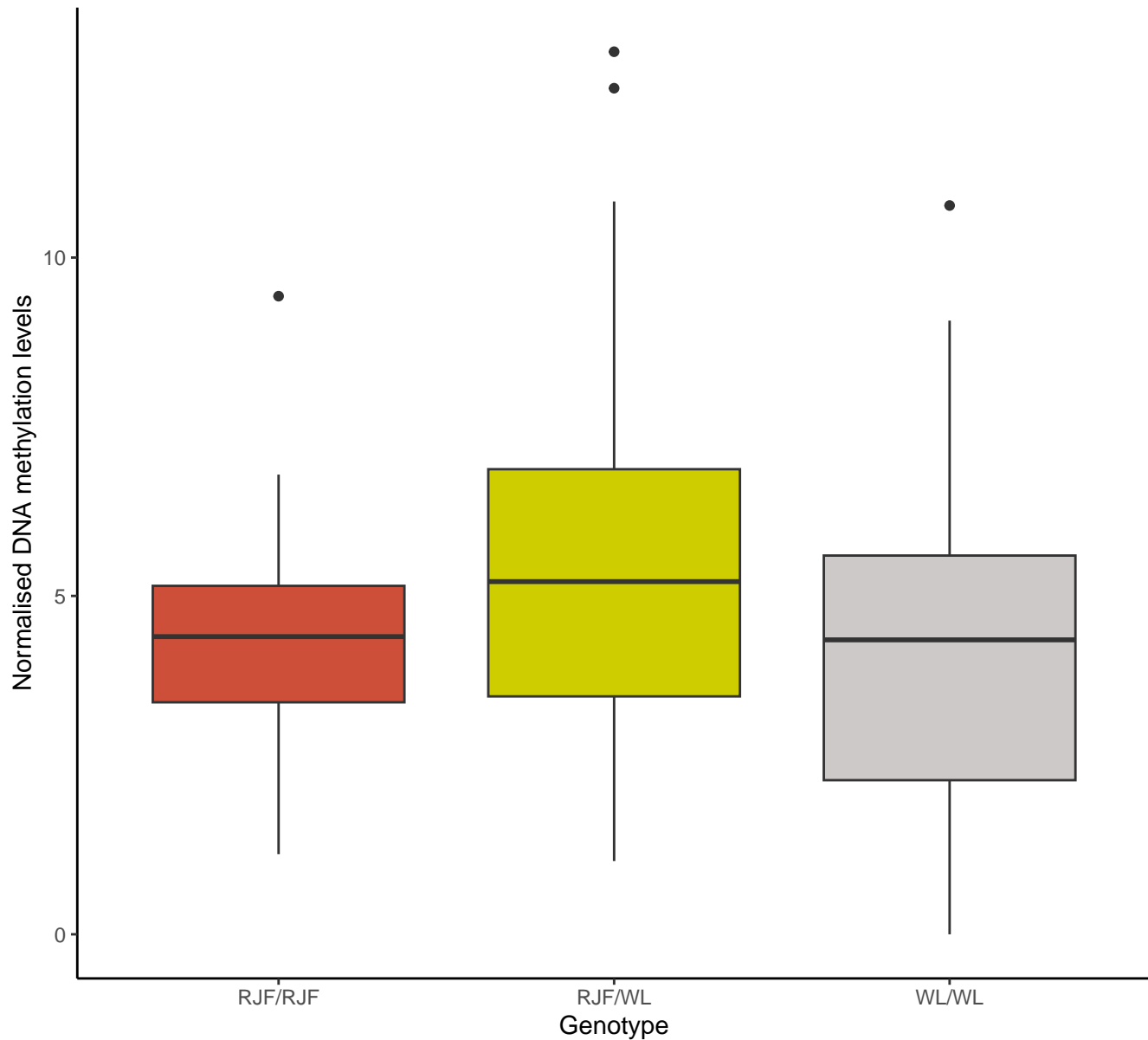
trans mQTL | chr1 @ 1625.53cM | LOD: 6.32
Methbin: chrZ_10978000 | marker: Gg_rs14877932
CI: chr1:1594.99–1688.09cM



trans mQTL | chr2@1cM | LOD: 6
Methbin: chrZ_11719000 | marker:Gg_rs14131525
CI: chr2:1-98.38cM



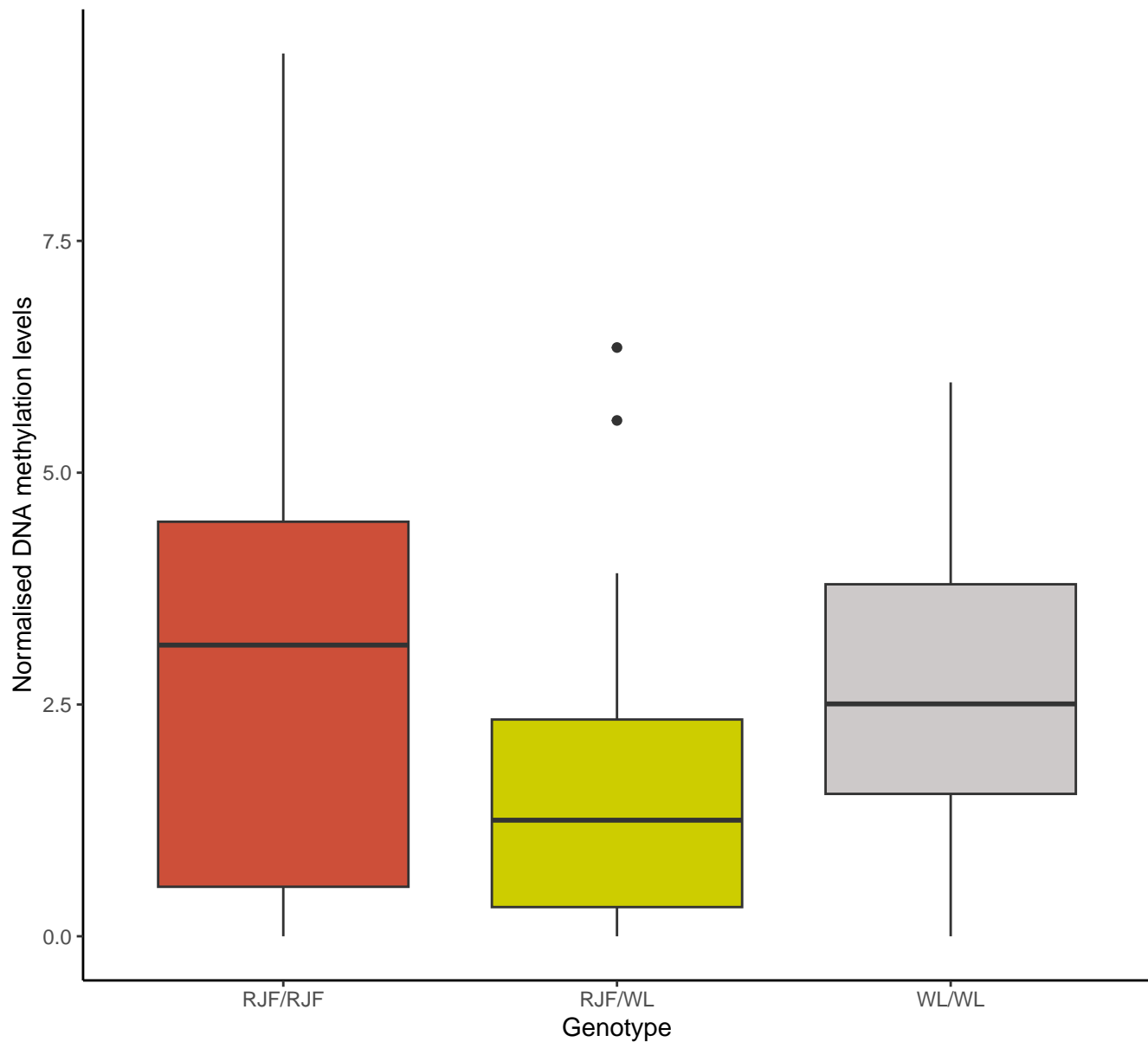
trans mQTL | chr4@568.94cM | LOD: 6.6
Methbin: chrZ_11723000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



trans mQTL | chr3@578.5cM | LOD: 6.39

Methbin: chrZ_11825000 | marker:Gg_rs15416272

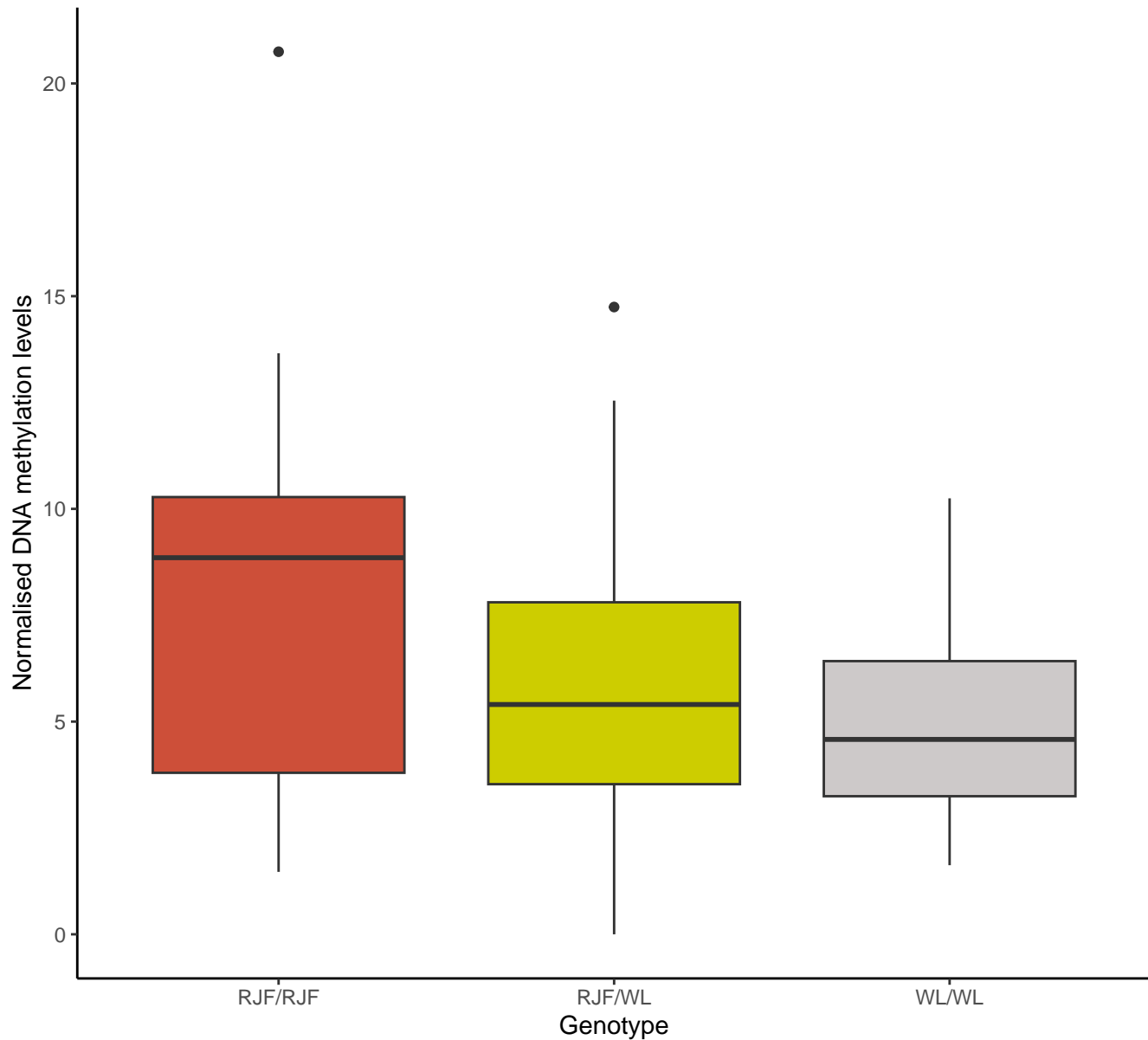
CI: chr3:571.83–610.92cM



trans mQTL | chr21@8.69cM | LOD: 7.15

Methbin: chrZ_11999000 | marker:GG_rs15181258

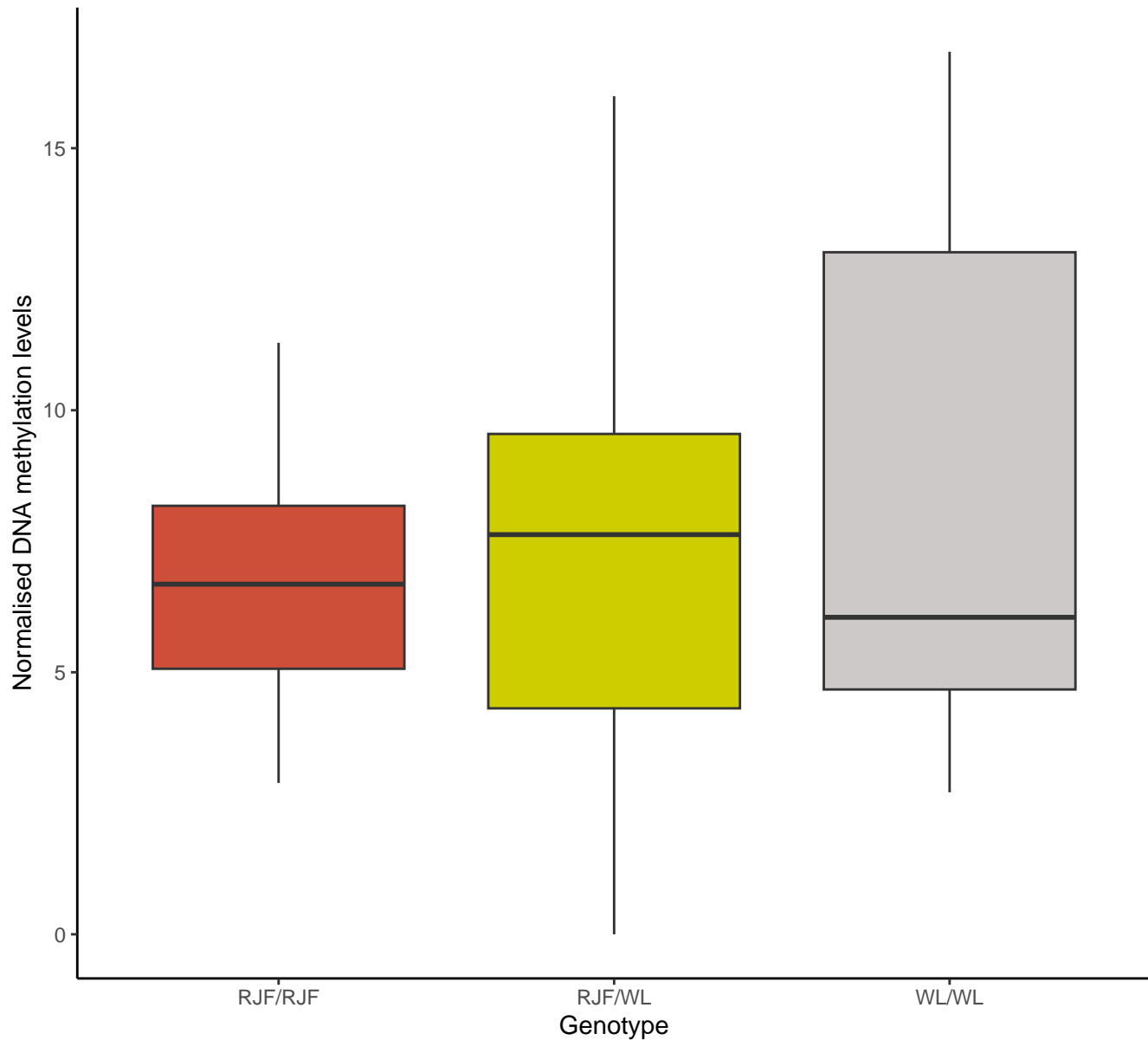
CI: chr21:0–16.35cM



trans mQTL | chr14@265.73cM | LOD: 6.19

Methbin: chrZ_12204000 | marker:rbl1871

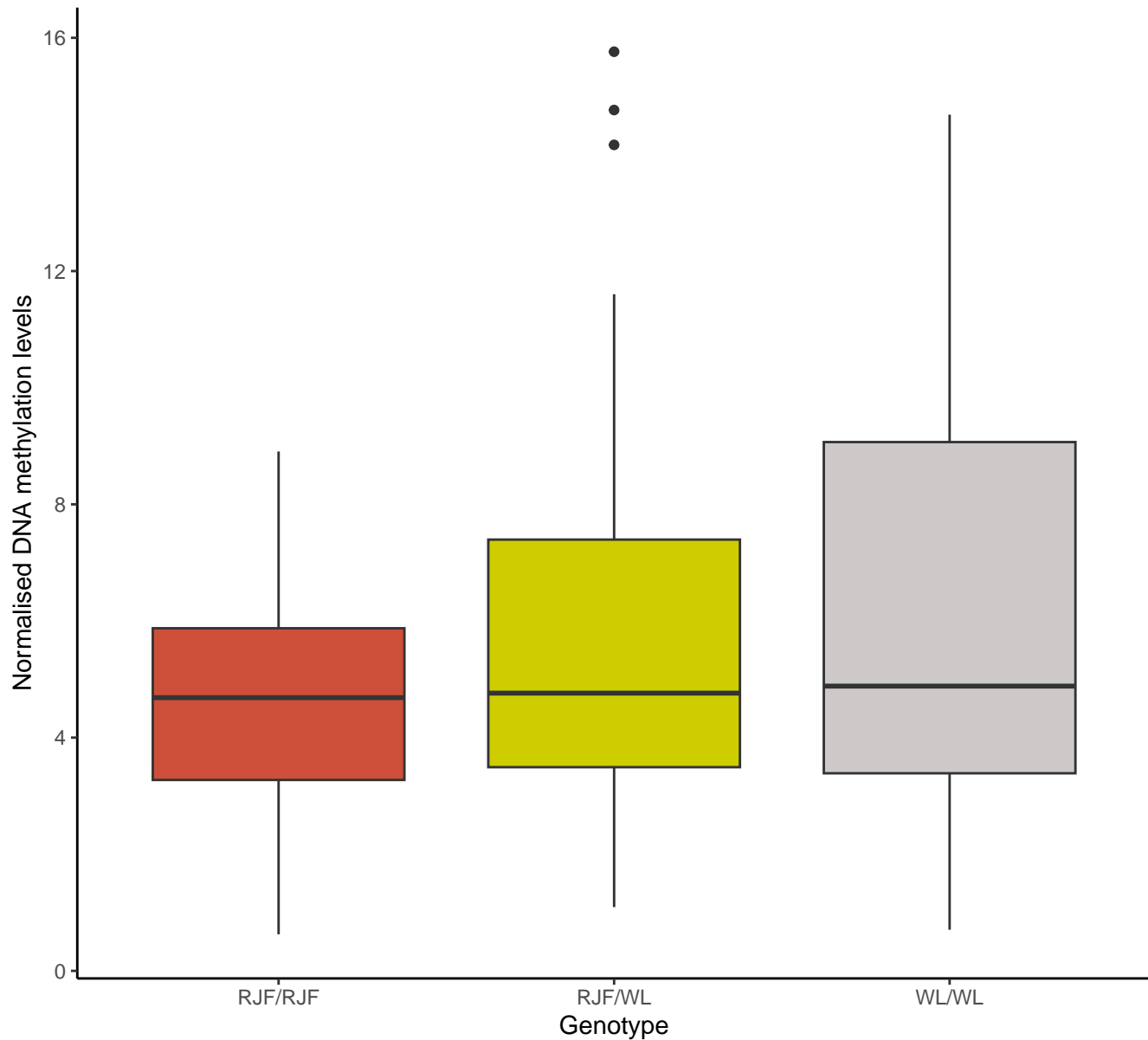
CI: chr14:241.01–265.73cM



trans mQTL | chr14@265.73cM | LOD: 5.93

Methbin: chrZ_12686000 | marker:rbl1871

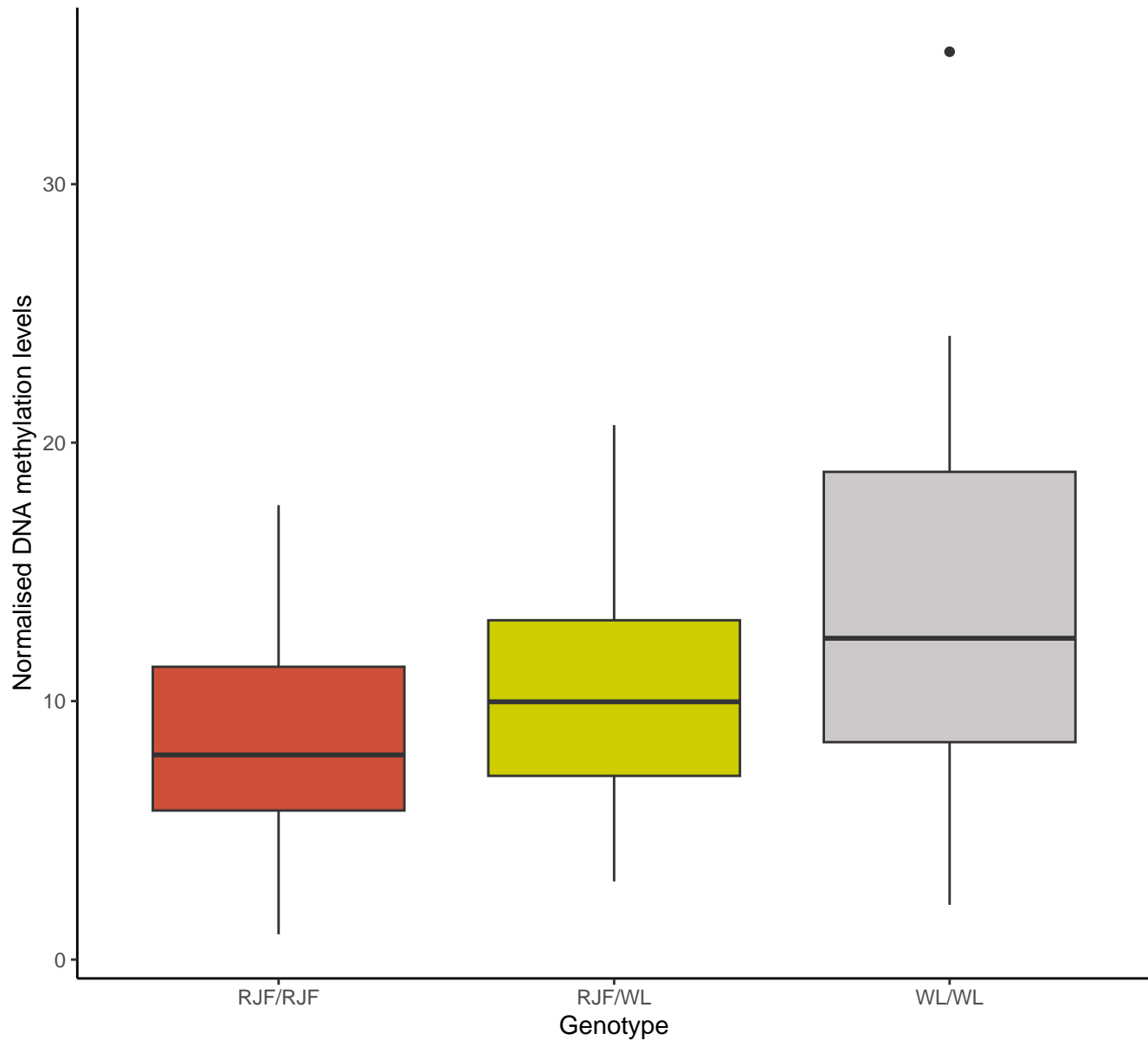
CI: chr14:21.54–265.73cM



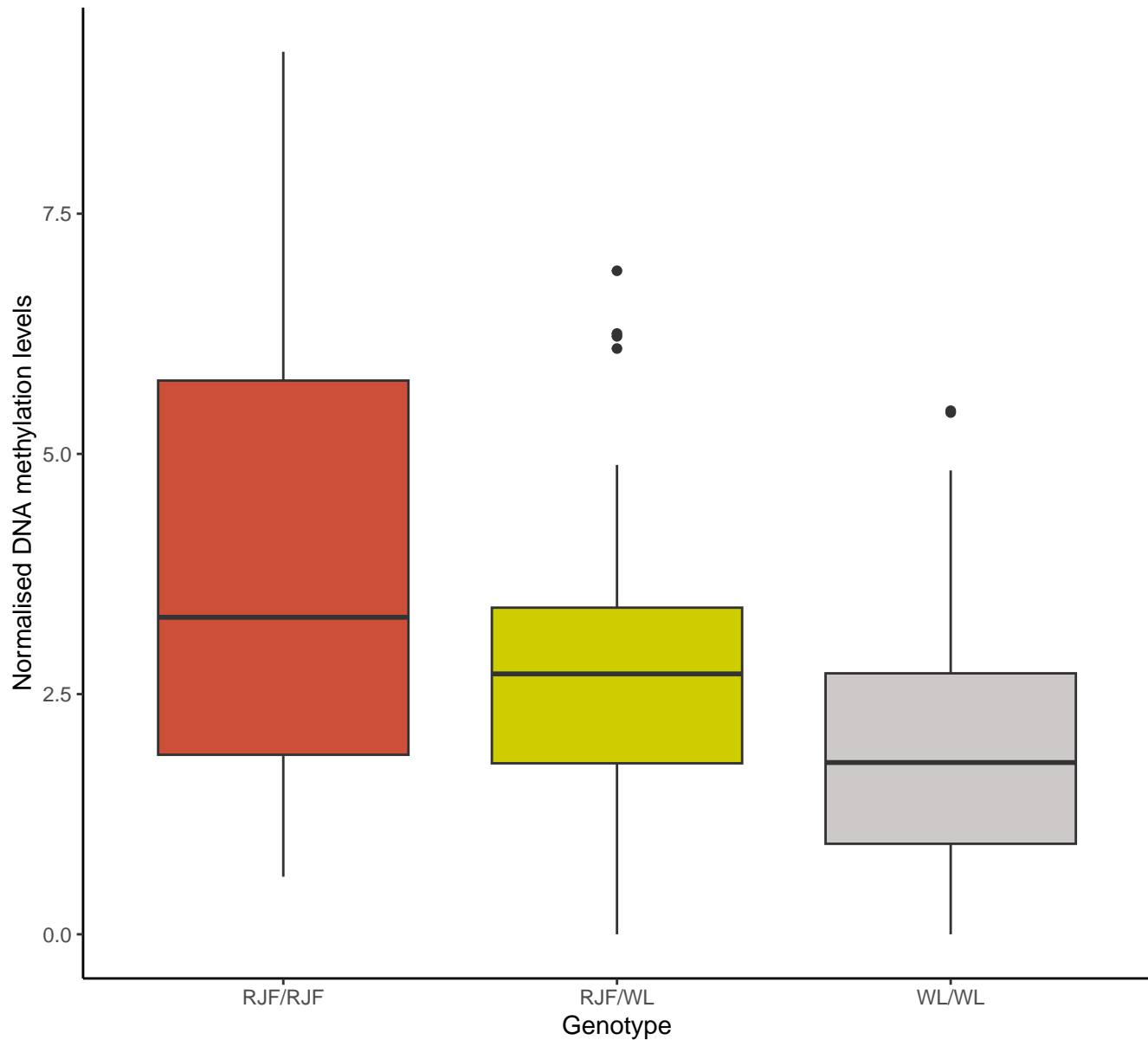
trans mQTL | chr3@219cM | LOD: 7.28

Methbin: chrZ_12843000 | marker:Gg_rs15282380

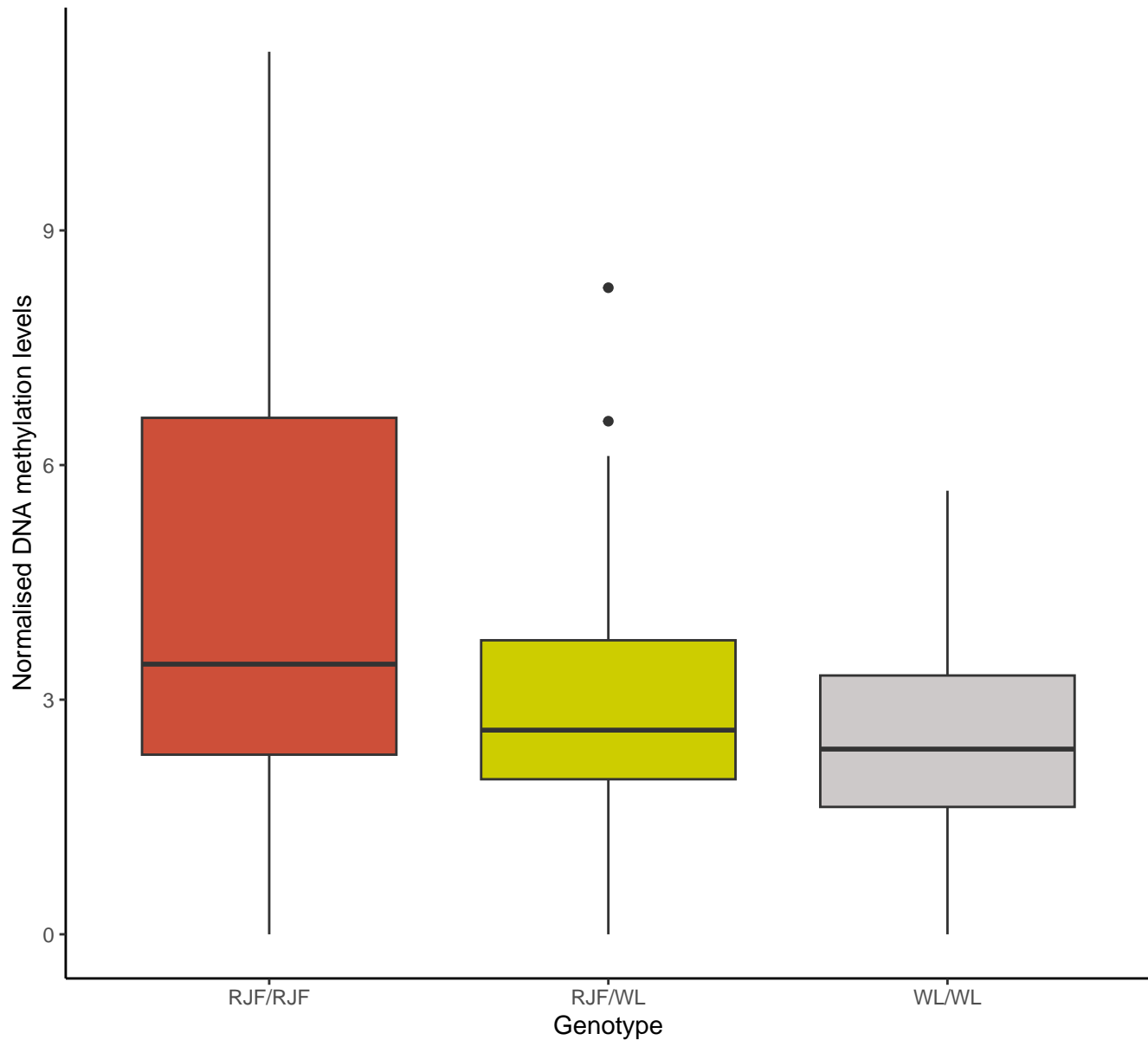
CI: chr3:181–270.84cM



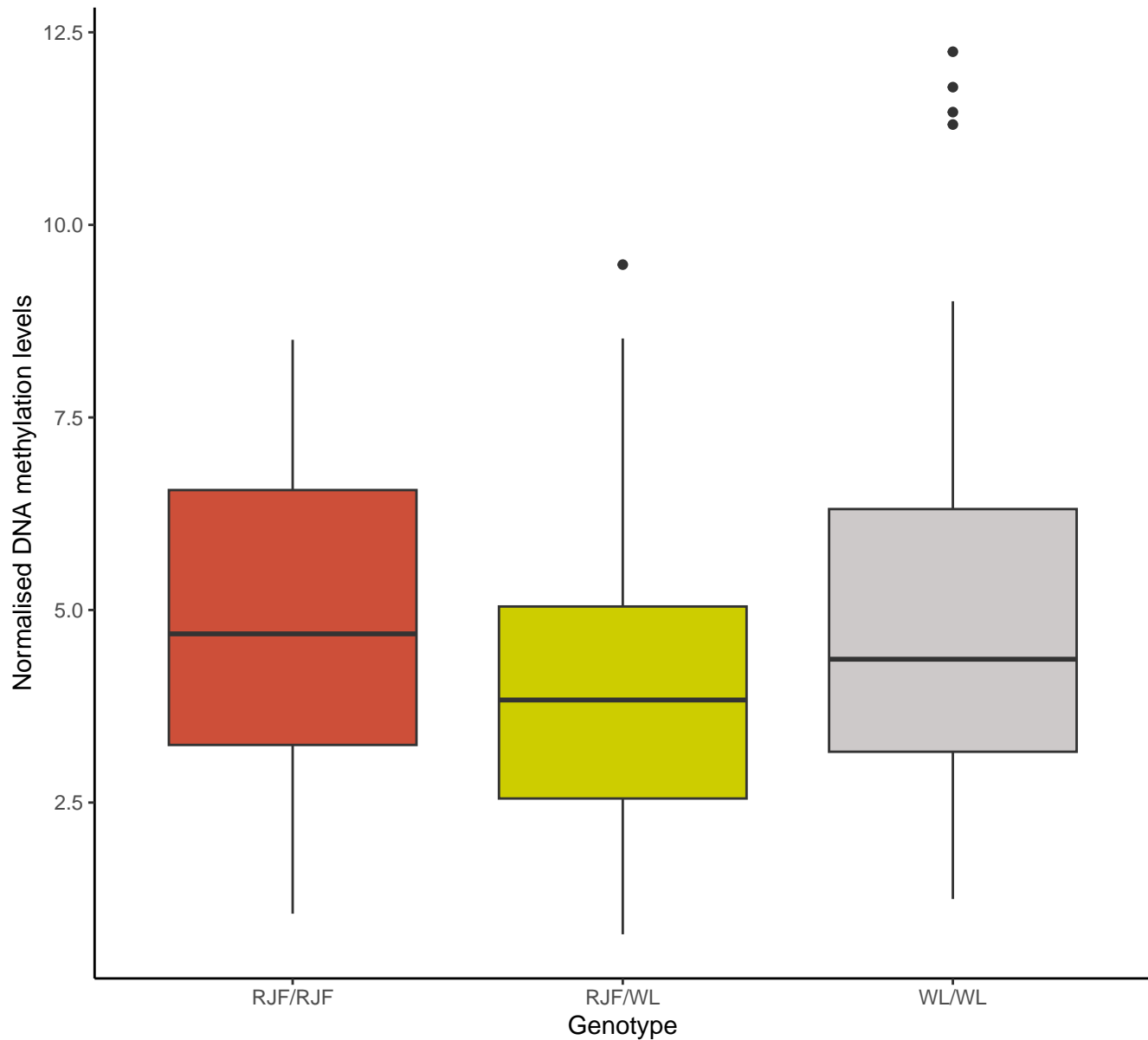
trans mQTL | chr12@27.32cM | LOD: 6.57
Methbin: chrZ_13158000 | marker:Gg_rs14971198
CI: chr12:3.4–34.82cM



trans mQTL | chr23@122.12cM | LOD: 7.07
Methbin: chrZ_13278000 | marker:Gg_rs15202059
CI: chr23:63.84–154.94cM



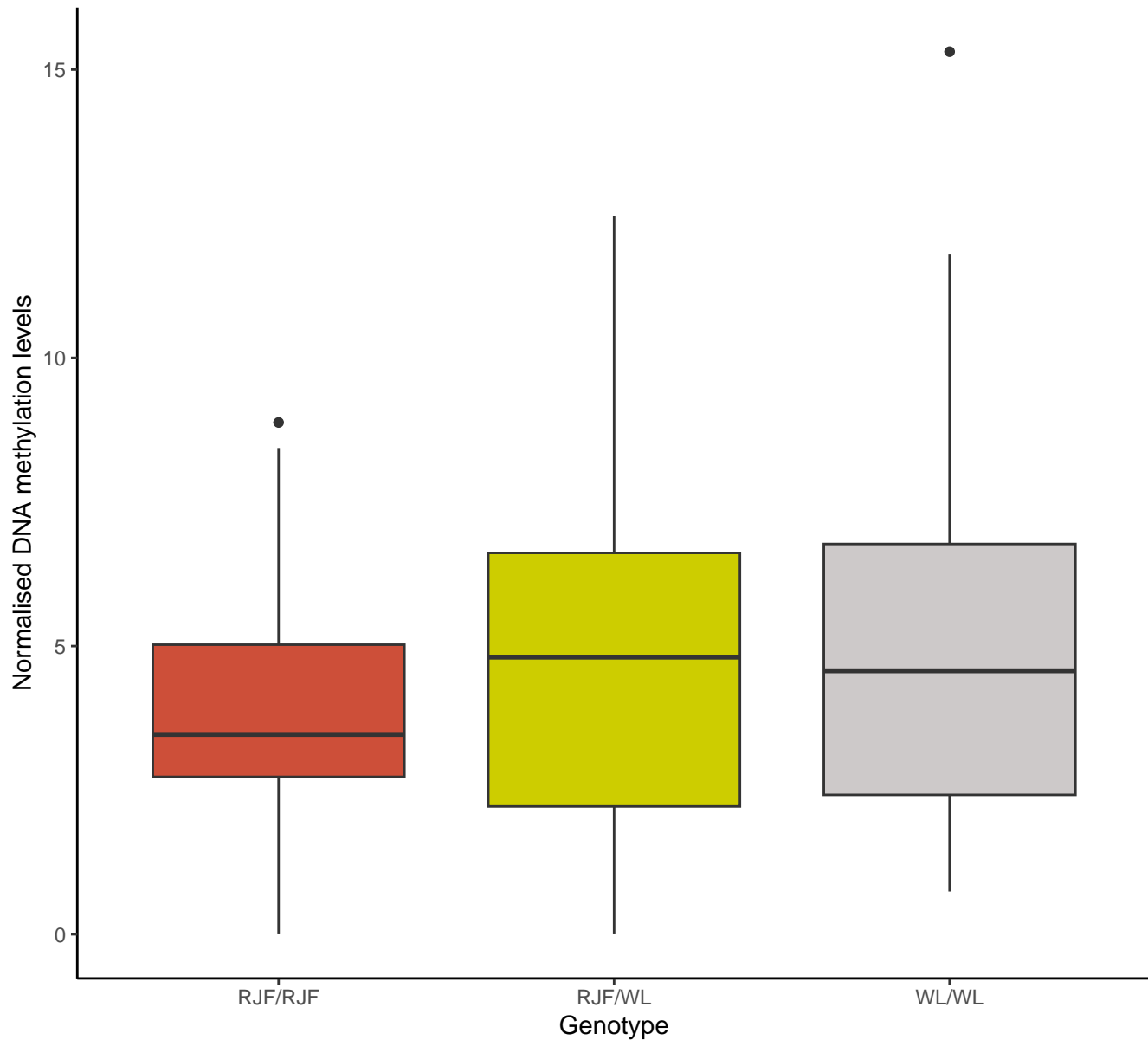
trans mQTL | chr28@54cM | LOD: 6.3
Methbin: chrZ_13335000 | marker:Gg_rs14306112
CI: chr28:26.97–107.33cM



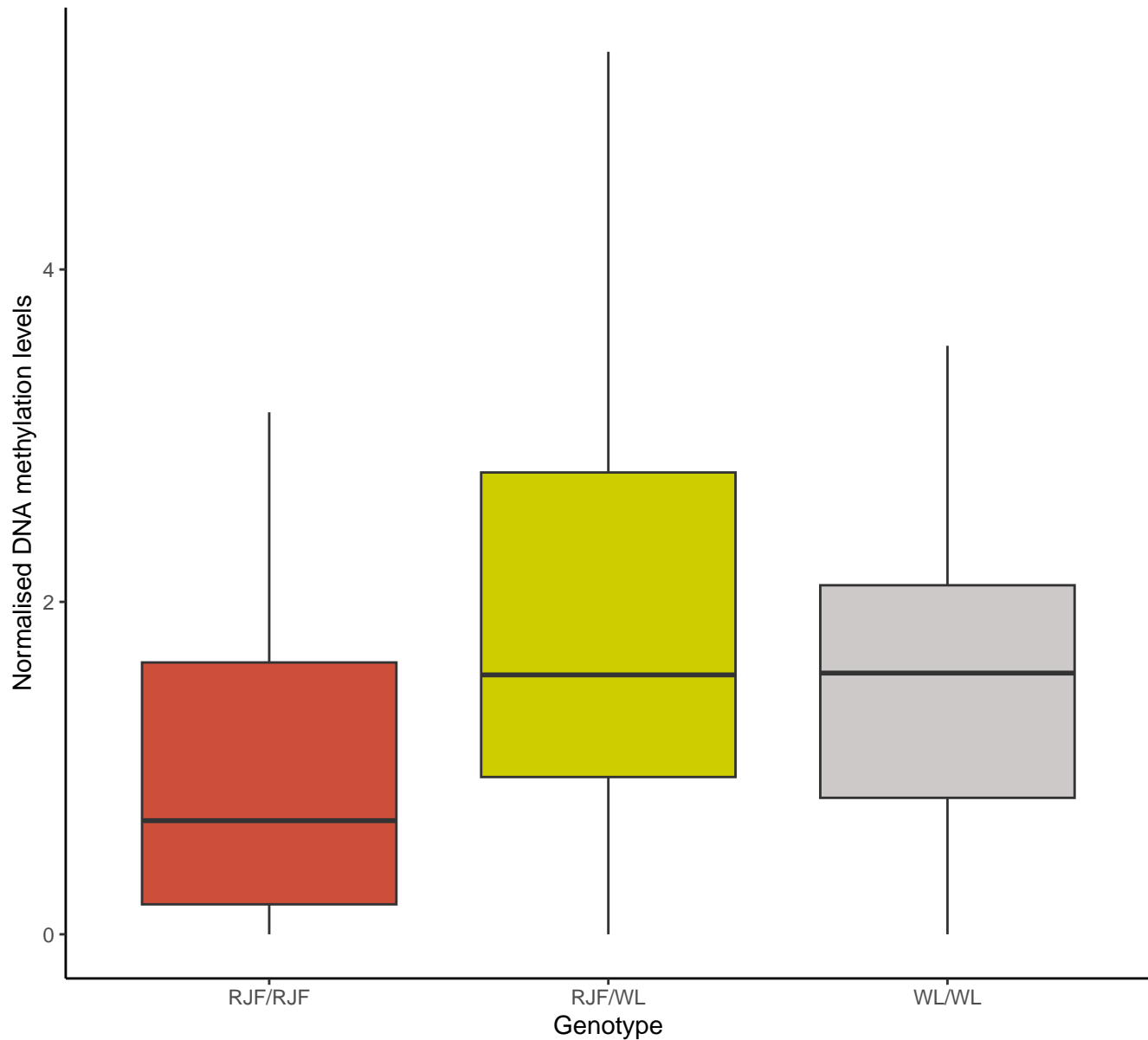
trans mQTL | chr14@265.73cM | LOD: 6.31

Methbin: chrZ_13375000 | marker:rb11871

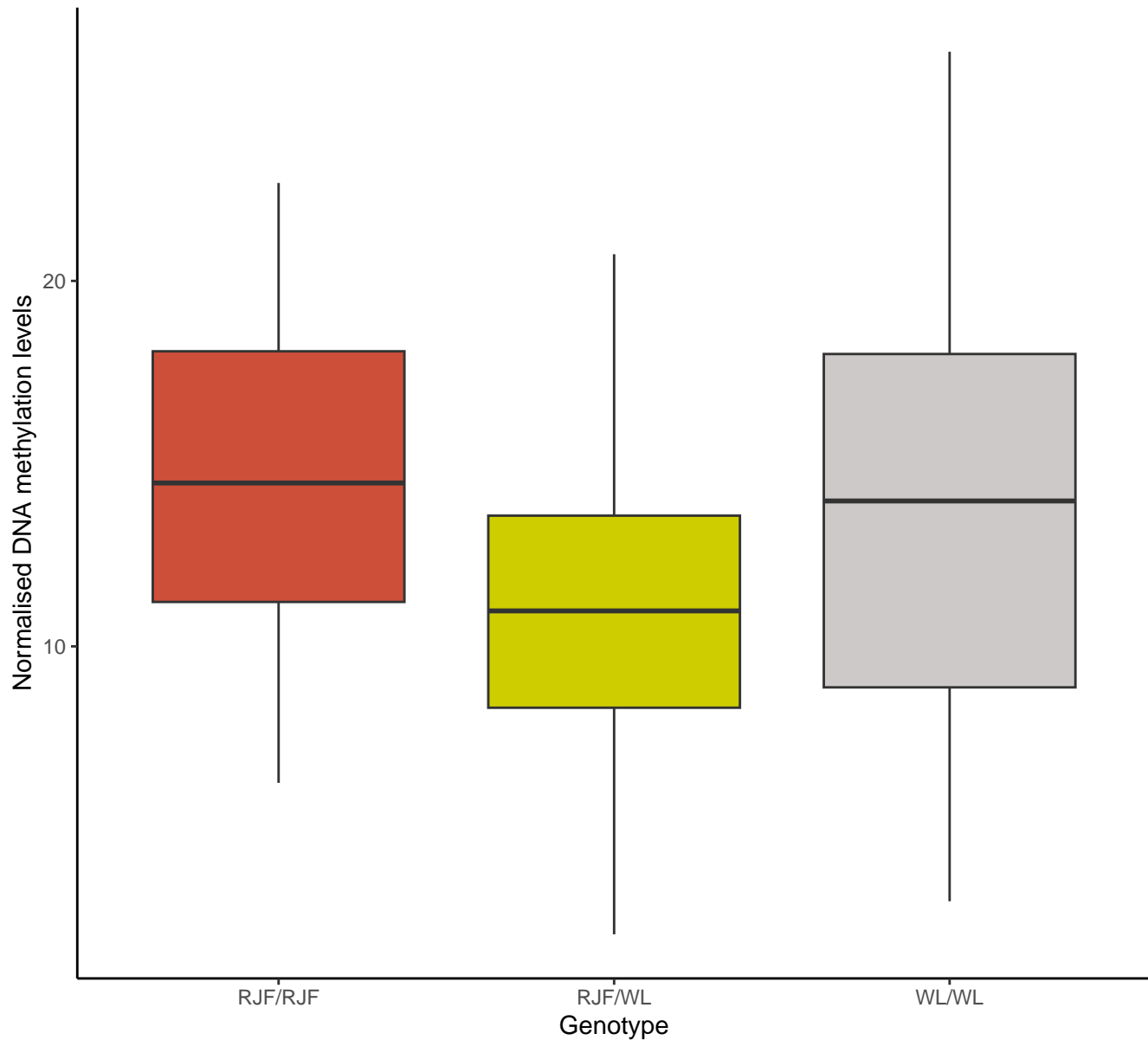
CI: chr14:241.01–265.73cM



trans mQTL | chr17@124cM | LOD: 6.13
Methbin: chrZ_13385000 | marker:Gg_rs14099860
CI: chr17:91.87–158.58cM



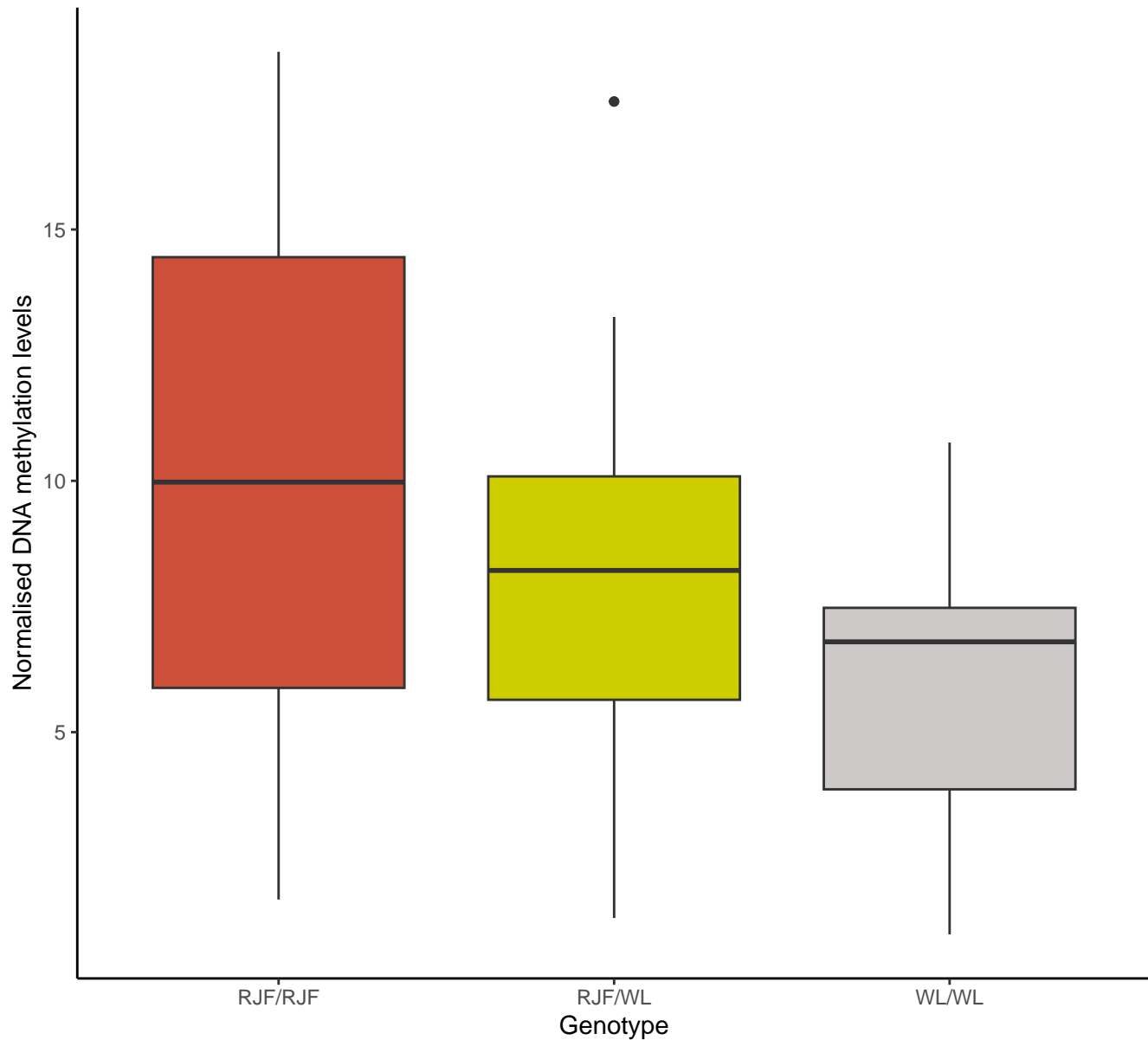
trans mQTL | chr1 @281.94cM | LOD: 6.35
Methbin: chrZ_13519000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



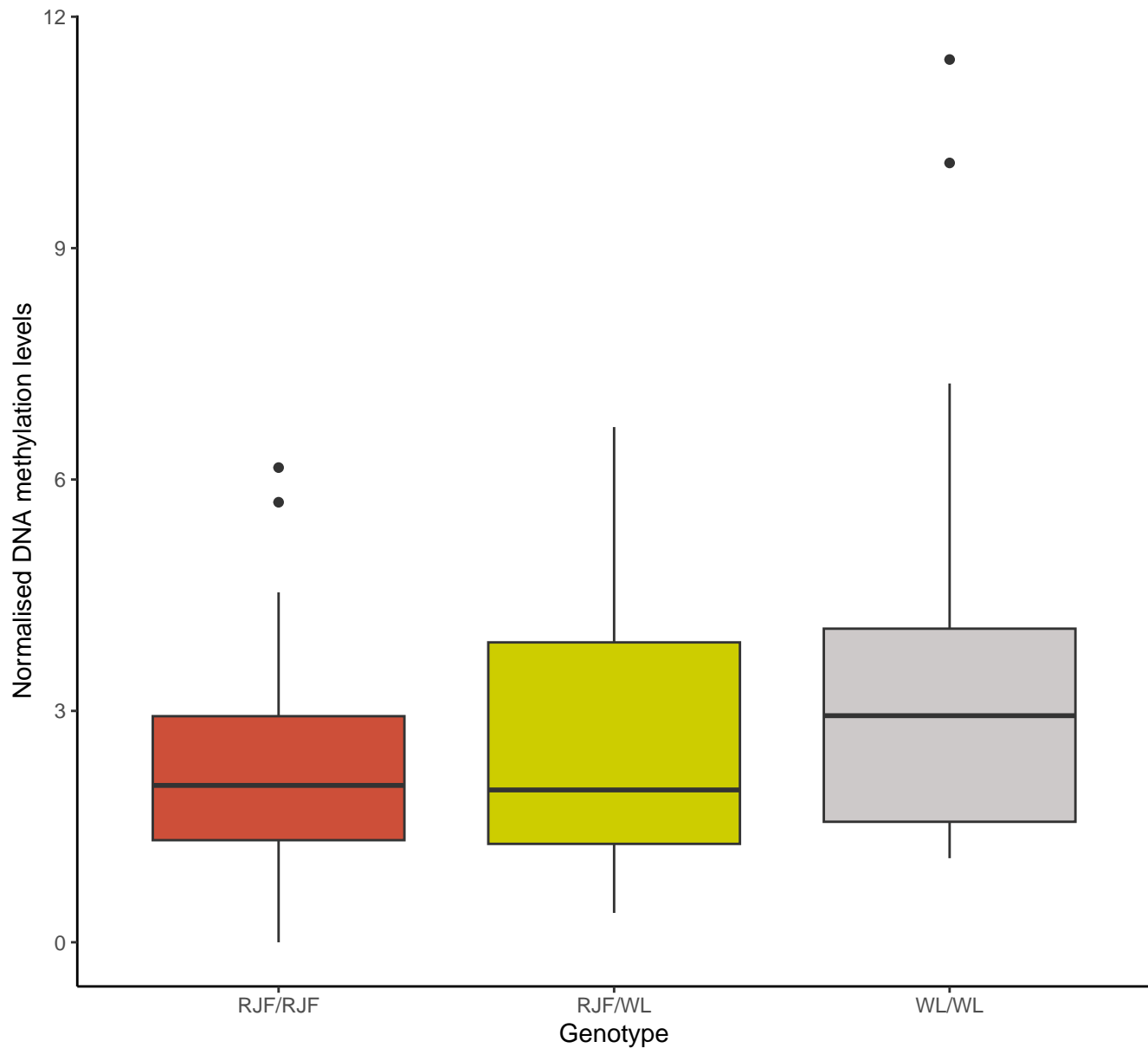
trans mQTL | chr17@58.07cM | LOD: 6.81

Methbin: chrZ_13553000 | marker:Gg_rs13744918

CI: chr17:15.5–81.37cM



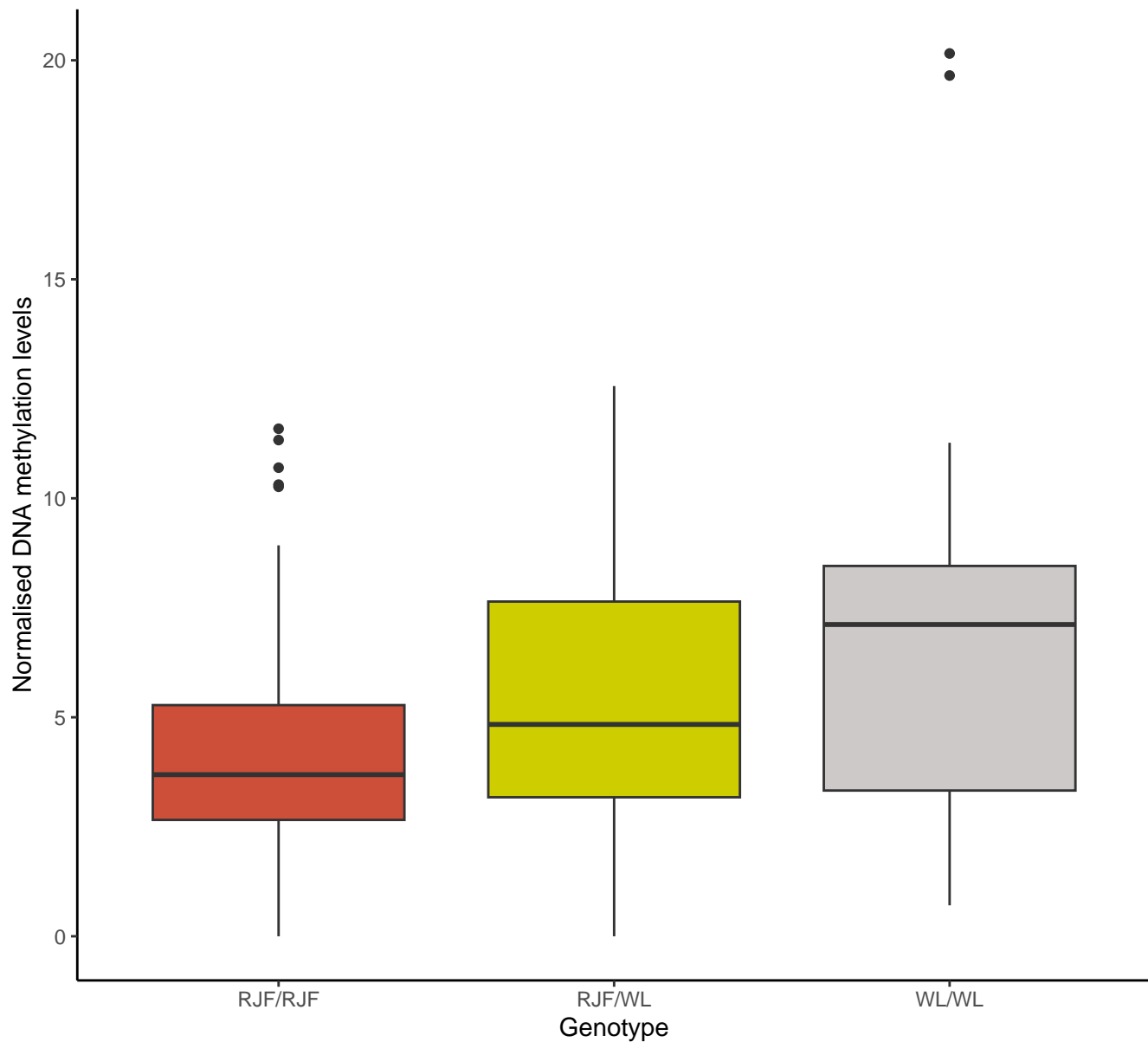
trans mQTL | chr4@0cM | LOD: 6.09
Methbin: chrZ_13607000 | marker:X4_1267185
CI: chr4:0–10.25cM



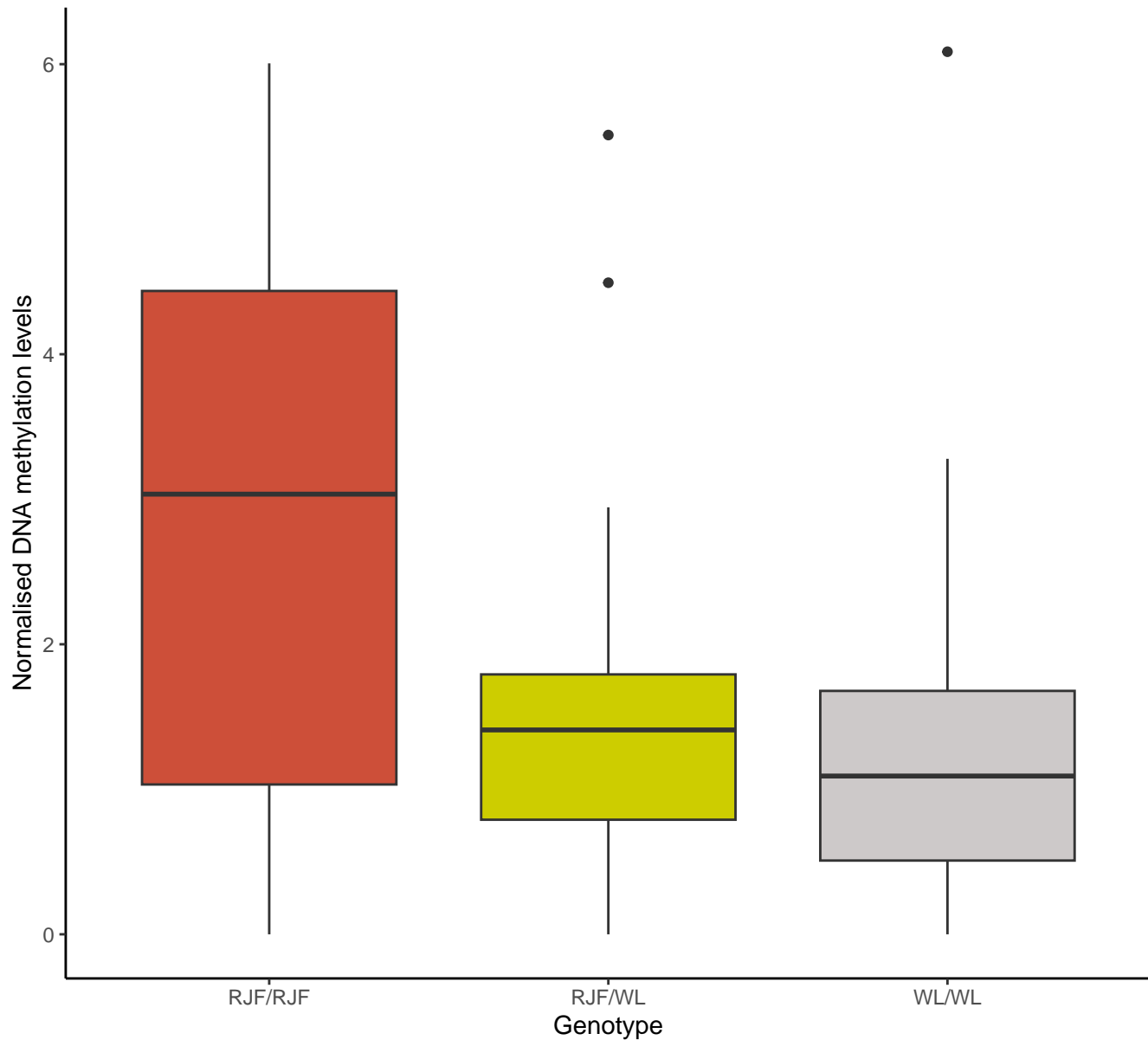
trans mQTL | chr3@219cM | LOD: 6.23

Methbin: chrZ_13640000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



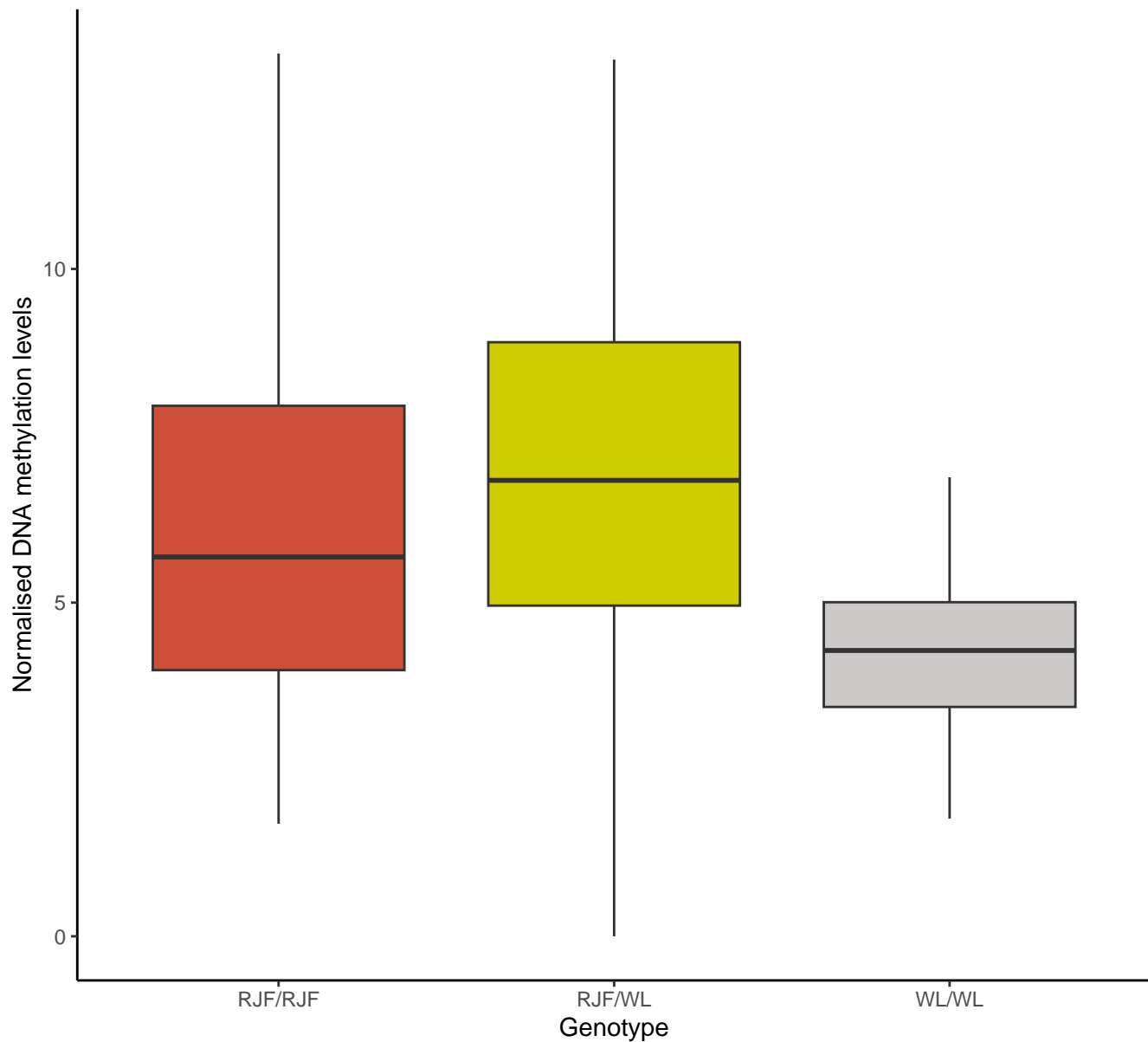
trans mQTL | chr5@182.4cM | LOD: 6.79
Methbin: chrZ_14090000 | marker:Gg_rs15679503
CI: chr5:131.24–200.39cM



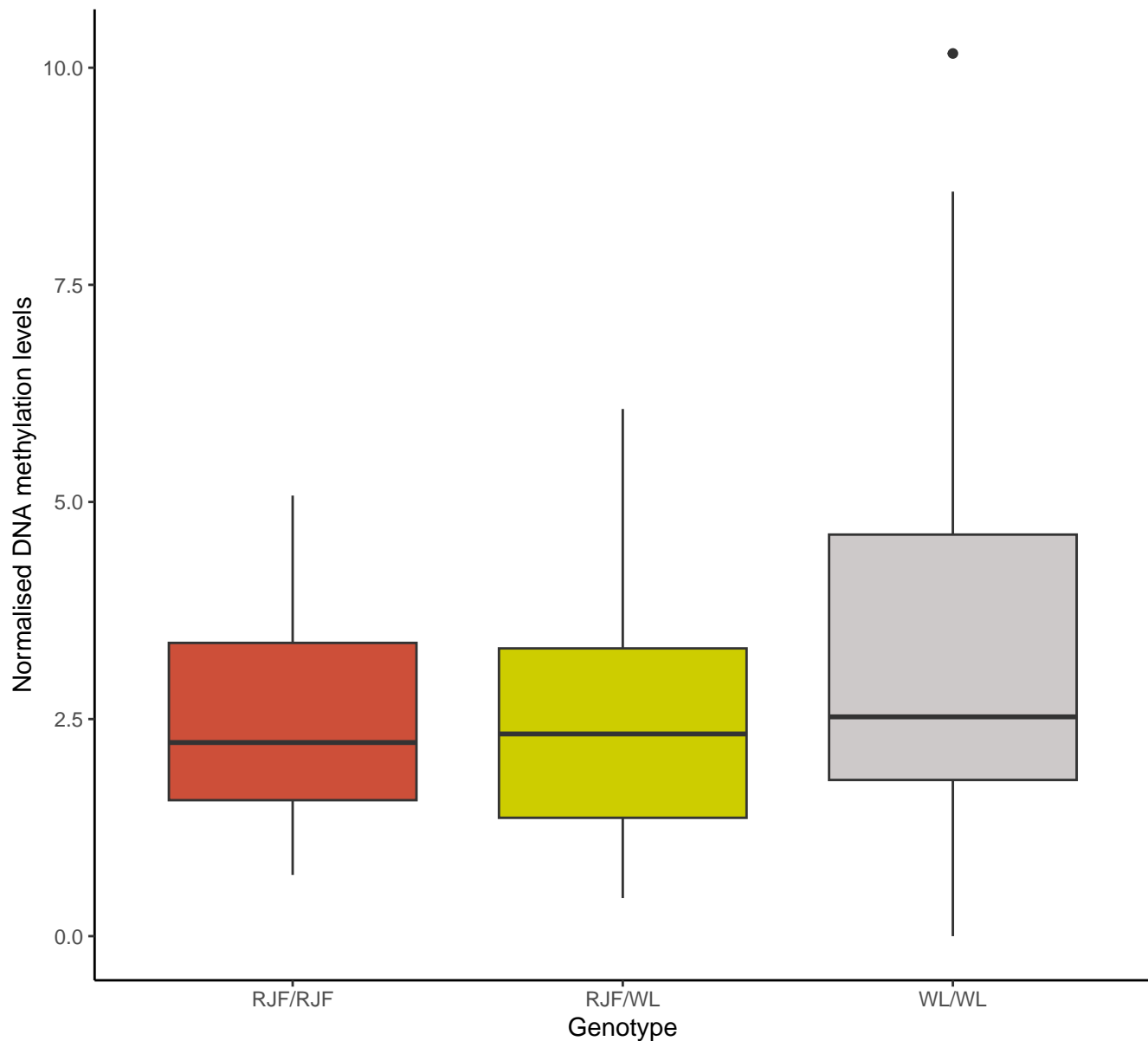
trans mQTL | chr9@102.34cM | LOD: 6.14

Methbin: chrZ_14094000 | marker:Gg_rs14671718

CI: chr9:86.7–117.55cM



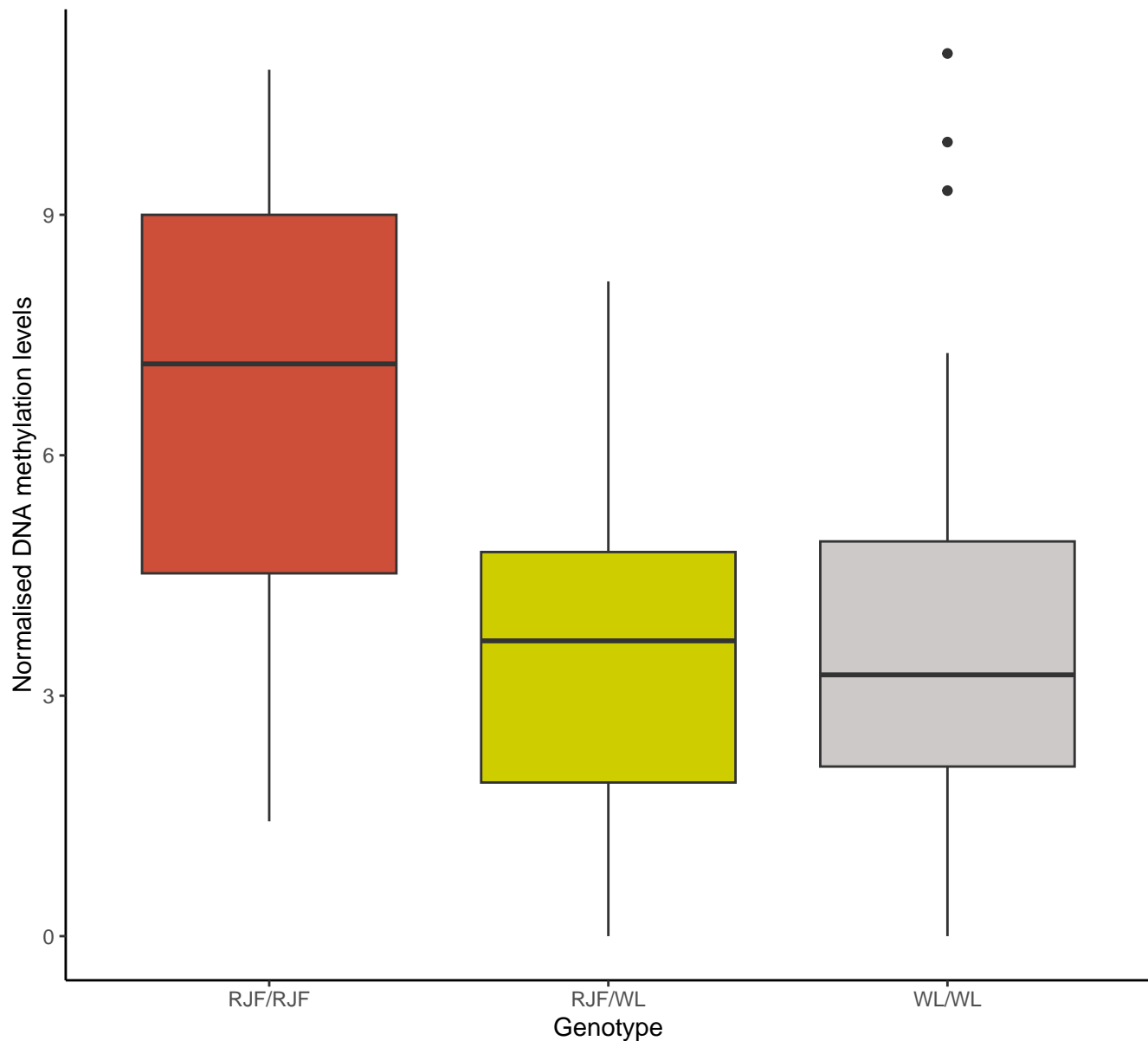
trans mQTL | chr28@52.38cM | LOD: 7.87
Methbin: chrZ_14407000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



trans mQTL | chr5@182.4cM | LOD: 6.84

Methbin: chrZ_14499000 | marker:Gg_rs15679503

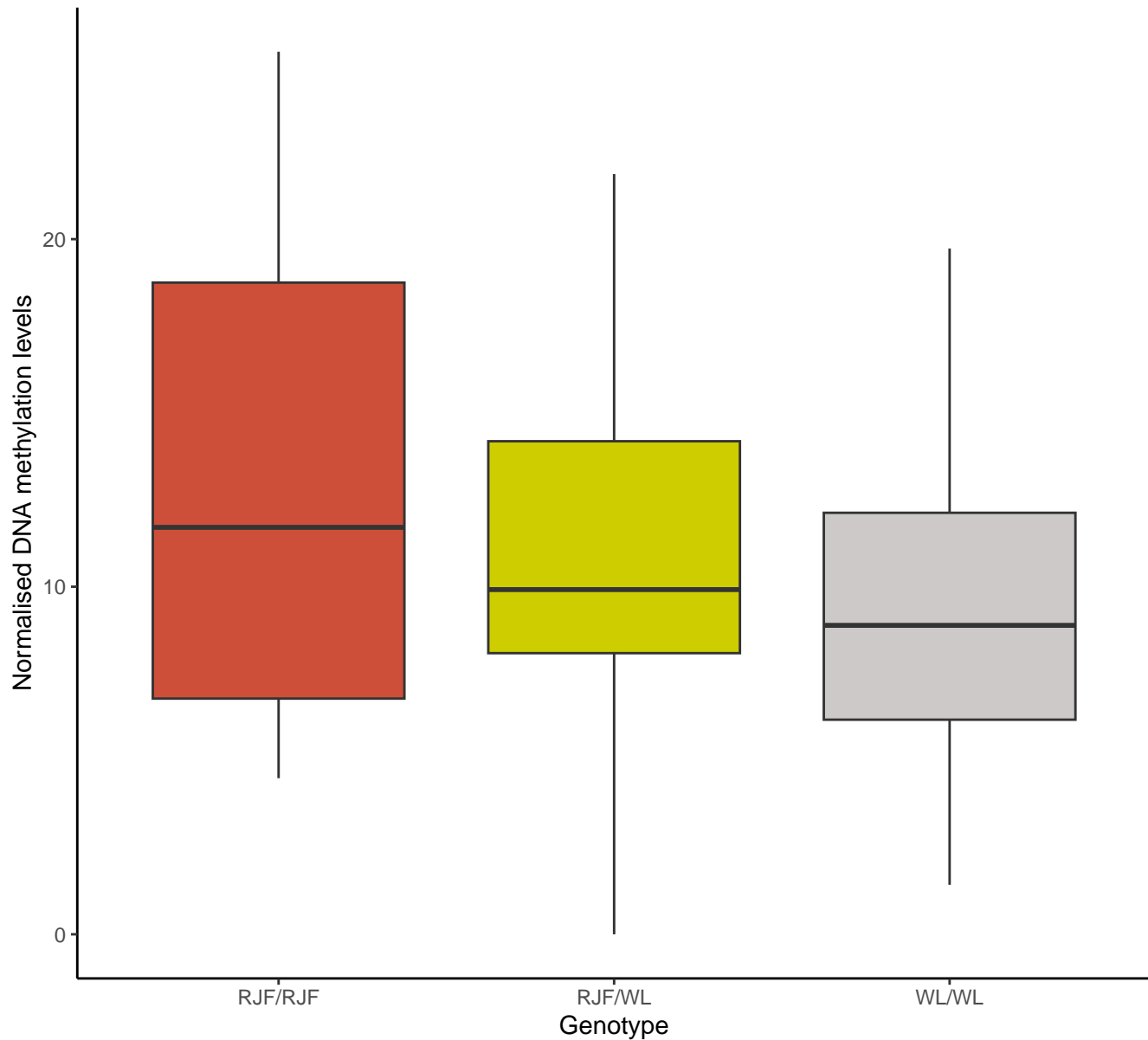
CI: chr5:131.24–200.39cM



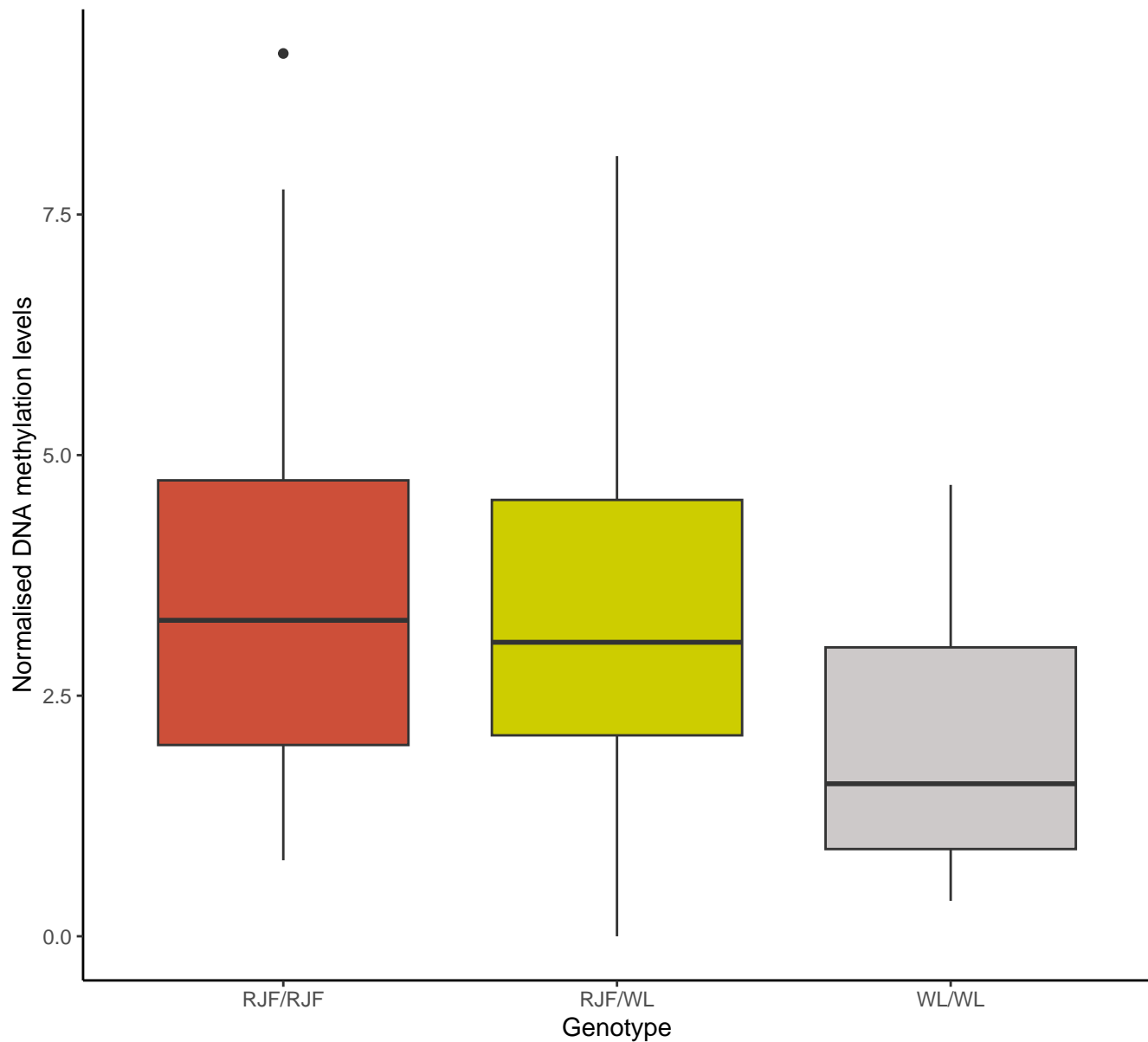
trans mQTL | chr18@49.31cM | LOD: 6.82

Methbin: chrZ_14808000 | marker:X18_4226902

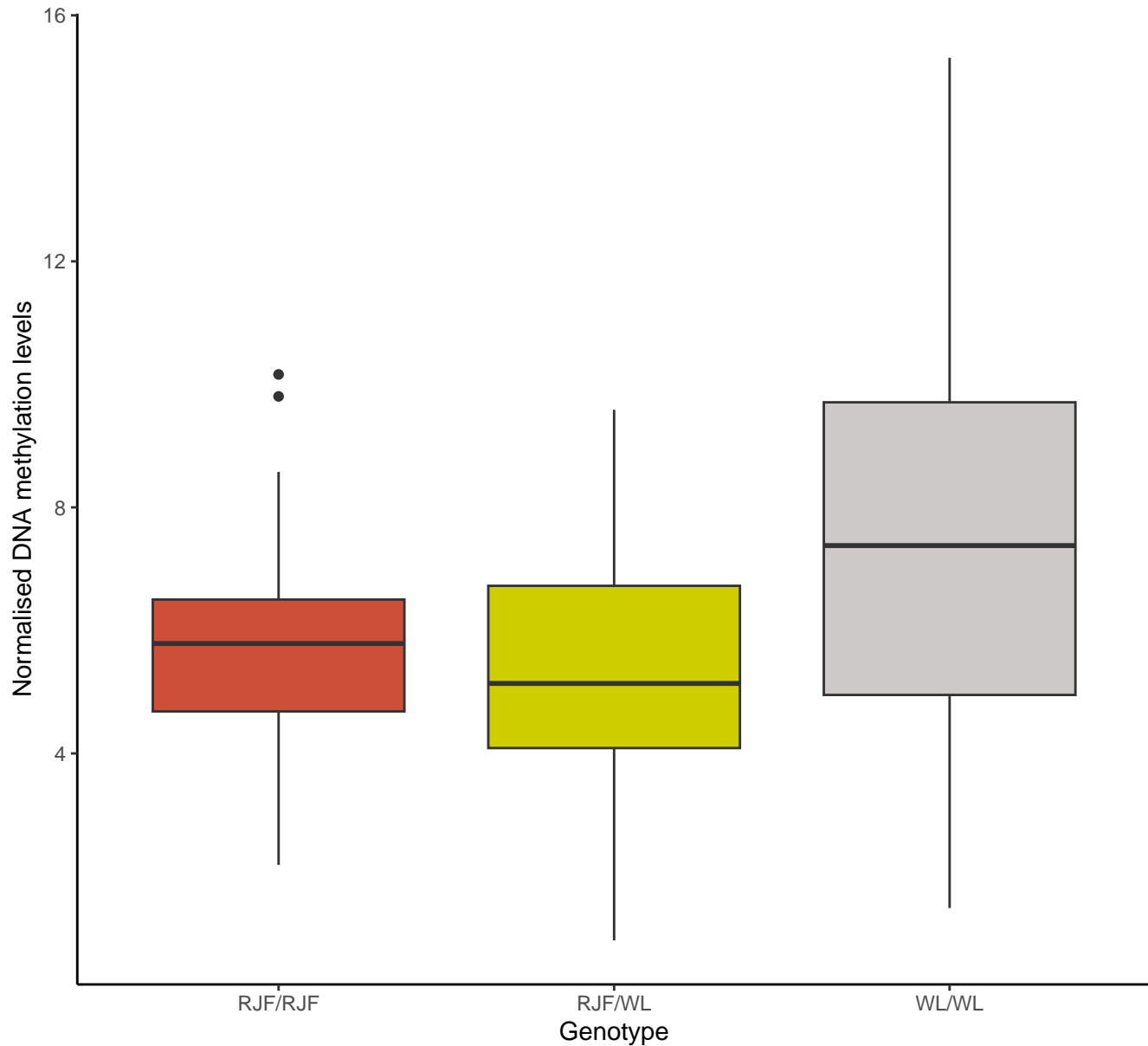
CI: chr18:49.31–73.42cM



trans mQTL | chr8@0cM | LOD: 6.41
Methbin: chrZ_15181000 | marker:RBL4827
CI: chr8:0–21.19cM



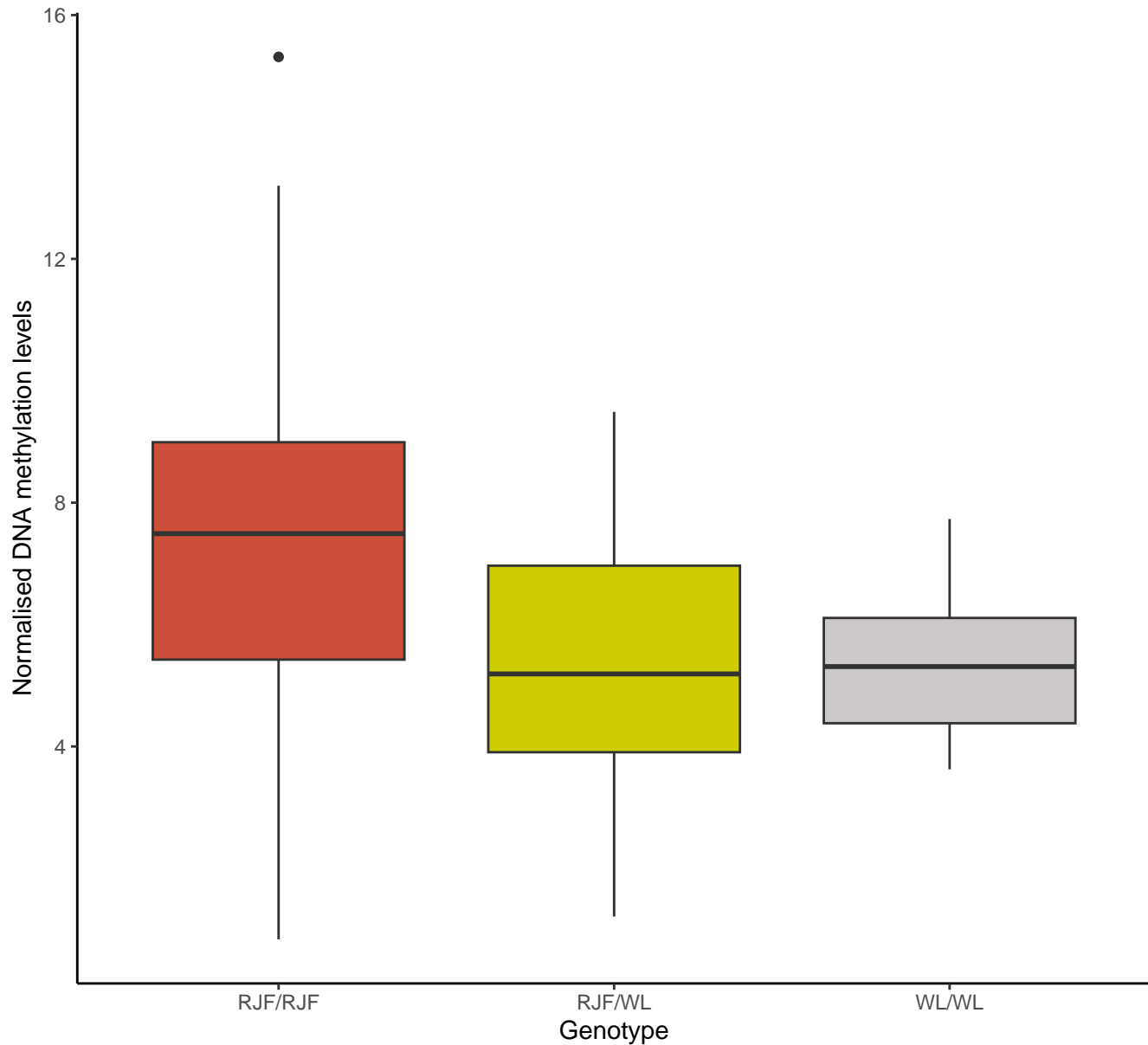
trans mQTL | chr6@112cM | LOD: 5.93
Methbin: chrZ_15332000 | marker:Gg_rs15773041
CI: chr6:86.33–126.7cM



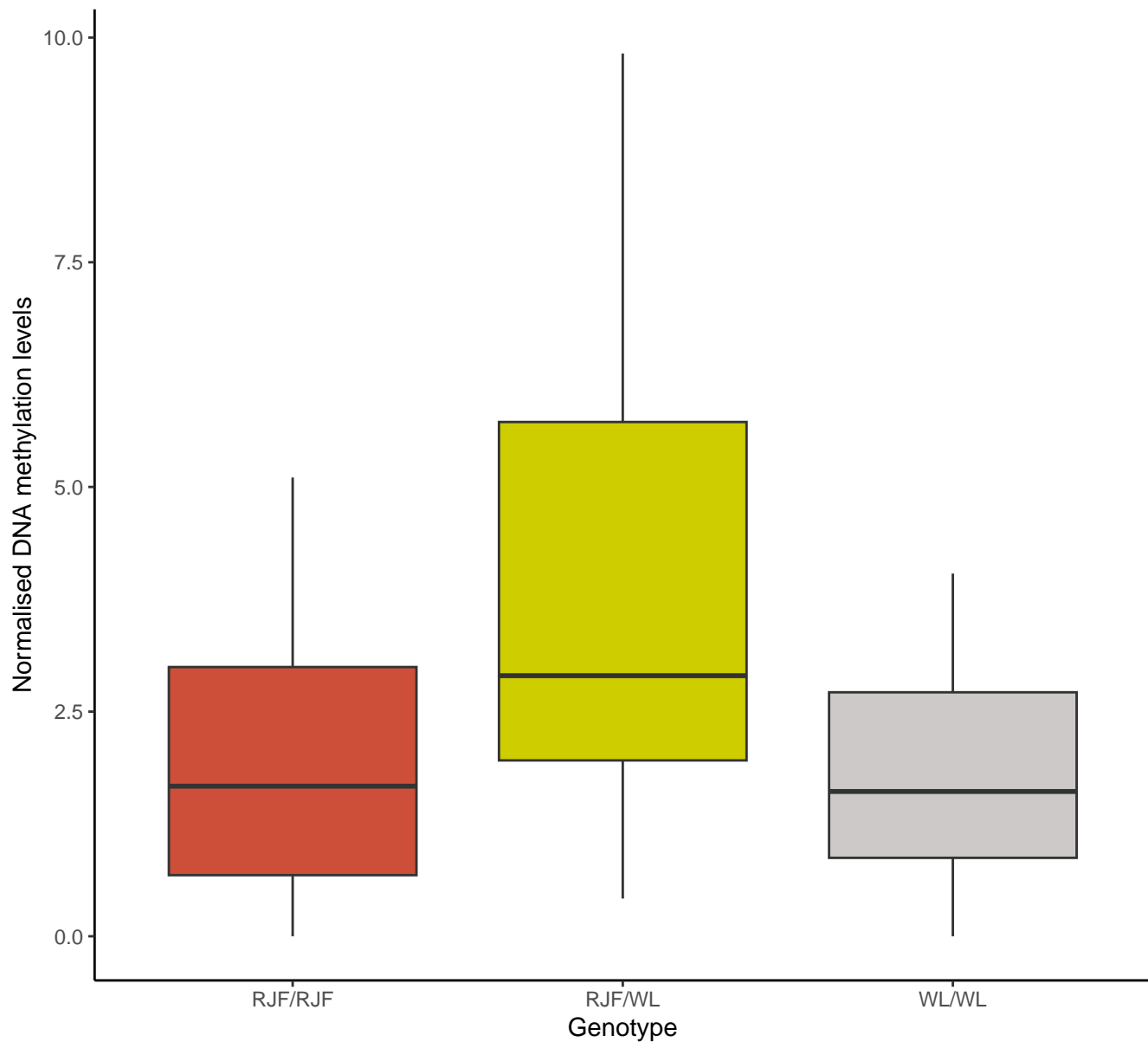
trans mQTL | chr17@58.07cM | LOD: 6.94

Methbin: chrZ_15548000 | marker:Gg_rs13744918

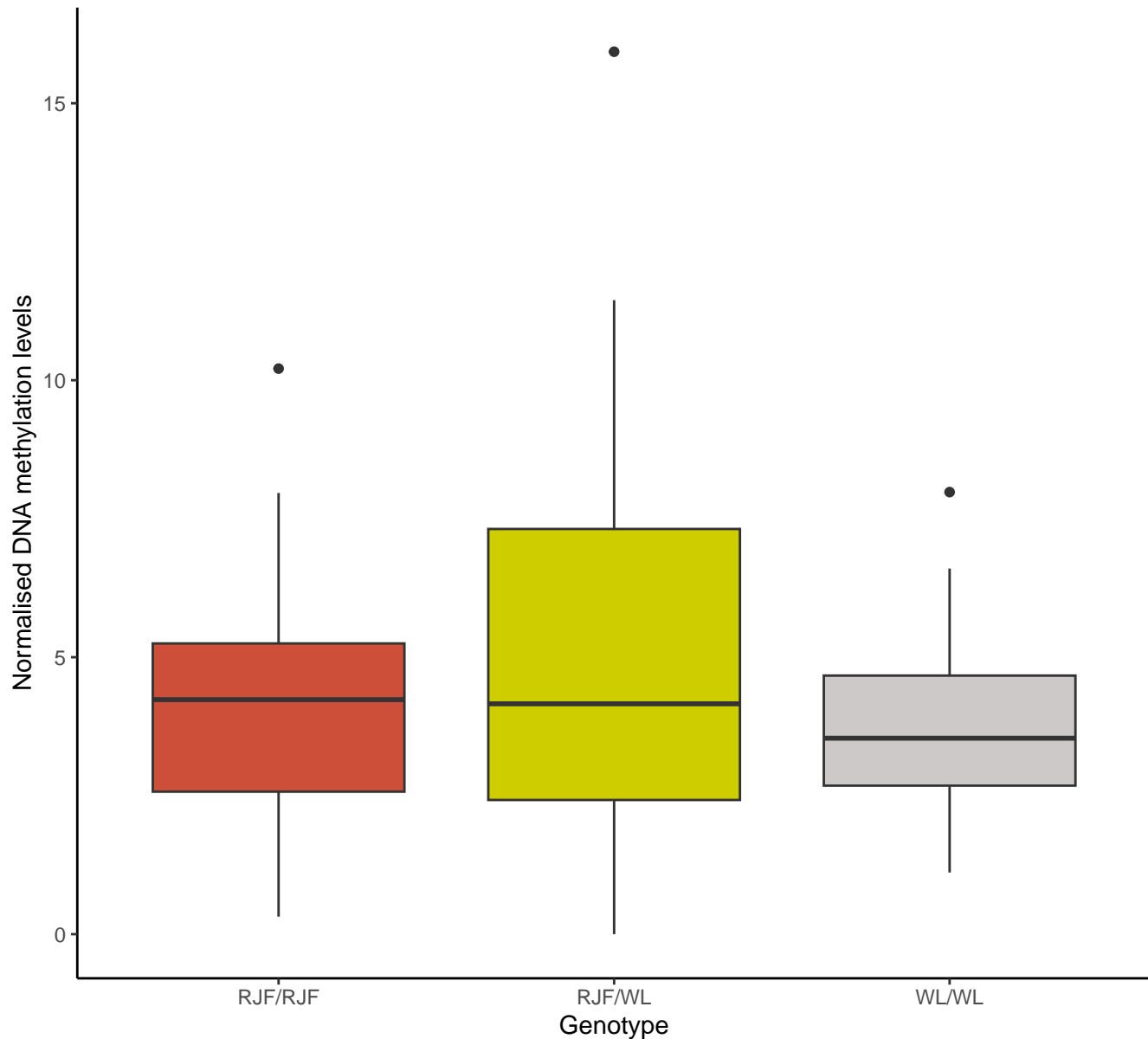
CI: chr17:15.5–81.37cM



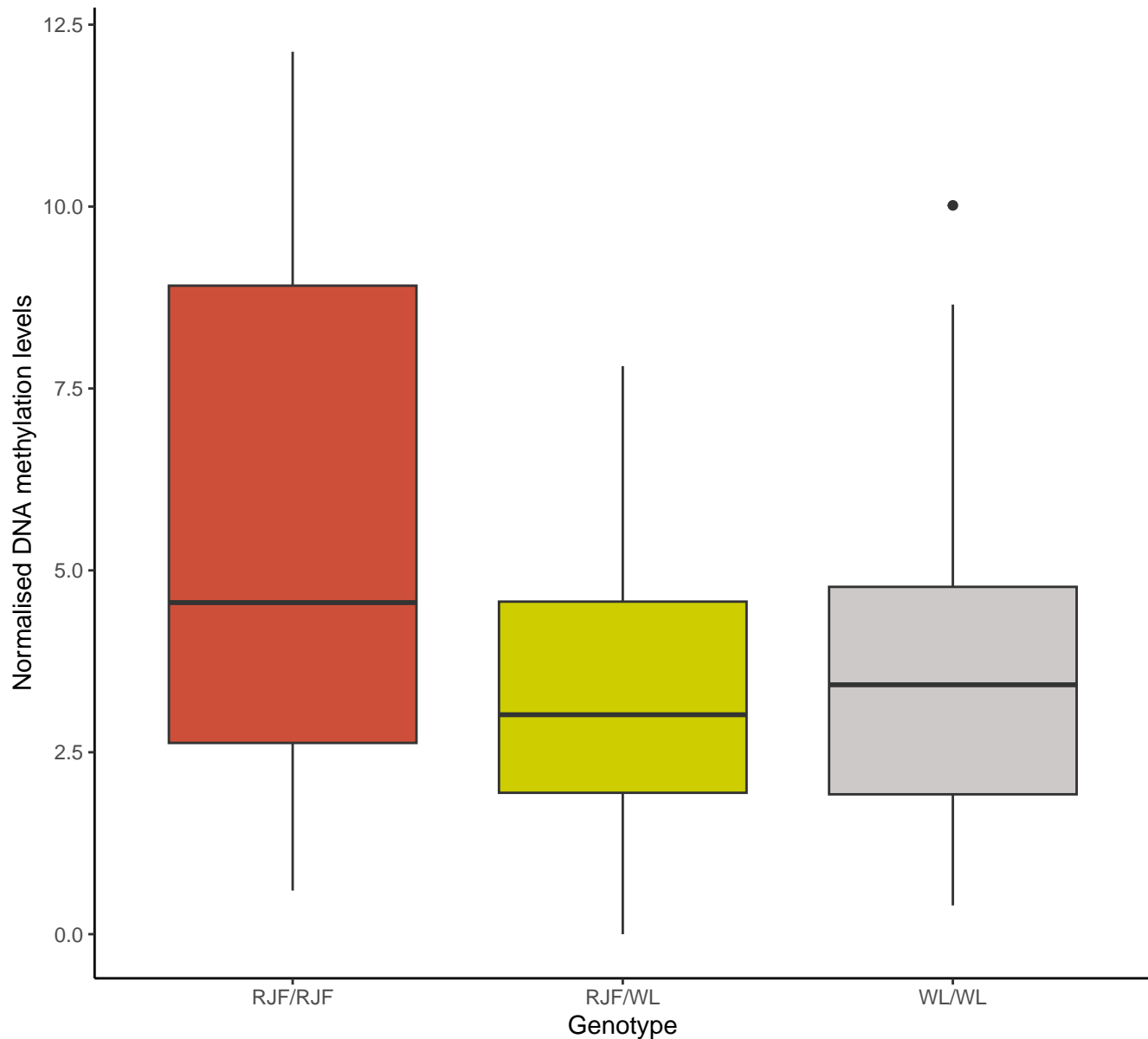
trans mQTL | chr5@95.63cM | LOD: 7.04
Methbin: chrZ_15658000 | marker:Gg_rs15666168
CI: chr5:92.14–131.24cM



trans mQTL | chr4@568.94cM | LOD: 5.98
Methbin: chrZ_15817000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



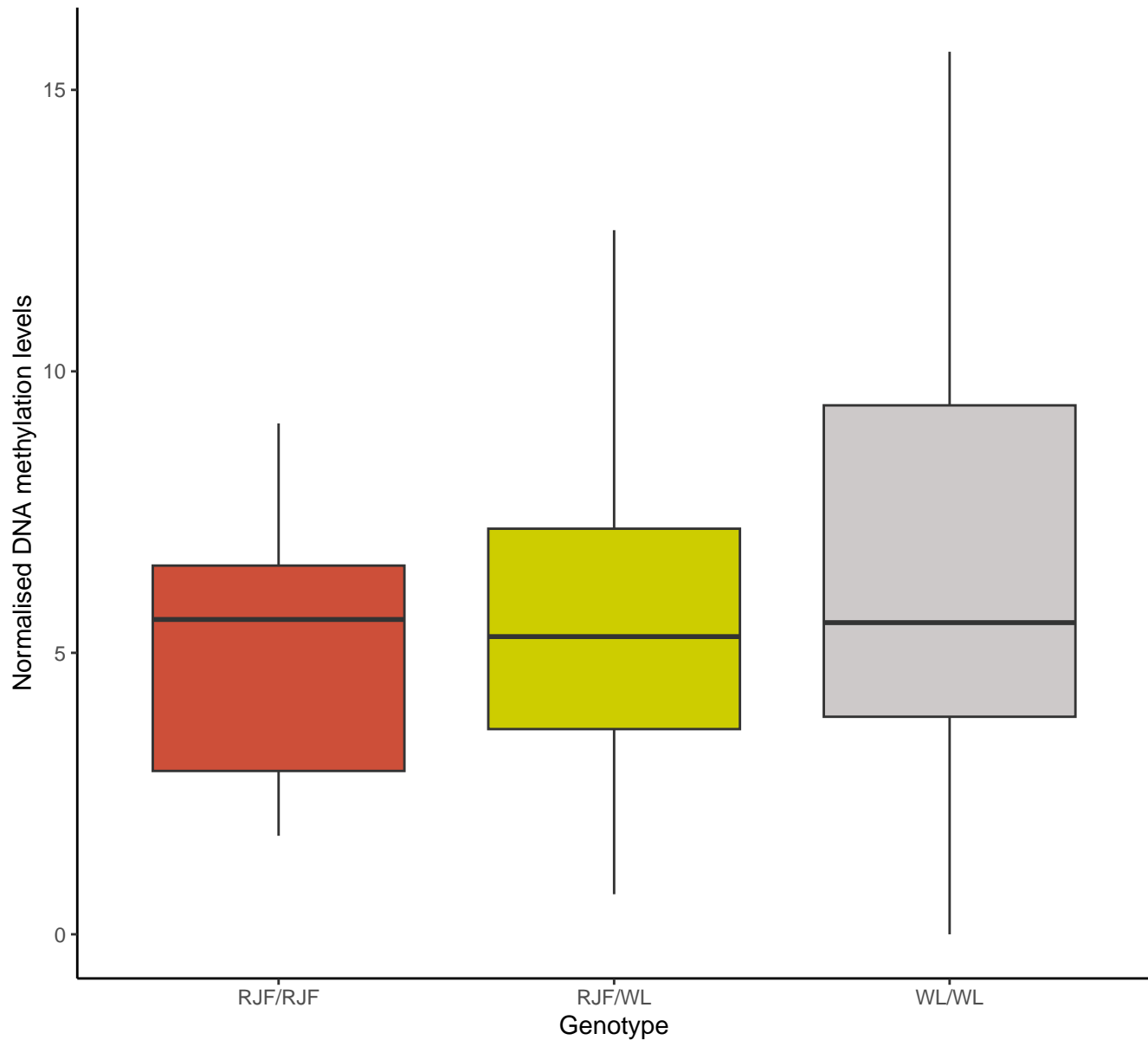
trans mQTL | chr12@57.81cM | LOD: 6.09
Methbin: chrZ_15863000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



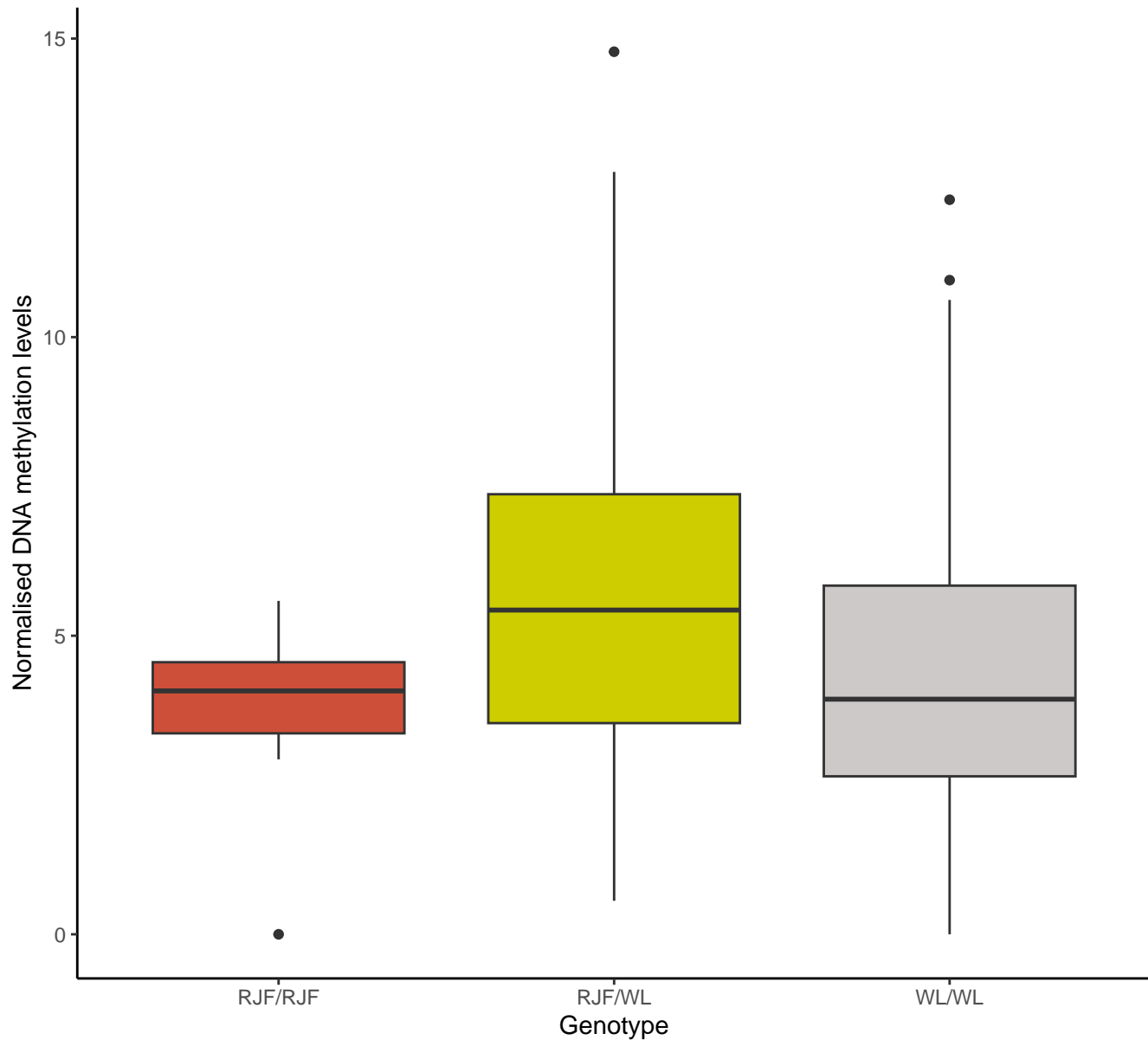
trans mQTL | chr12@1cM | LOD: 7.29

Methbin: chrZ_15870000 | marker:Gg_rs14031213

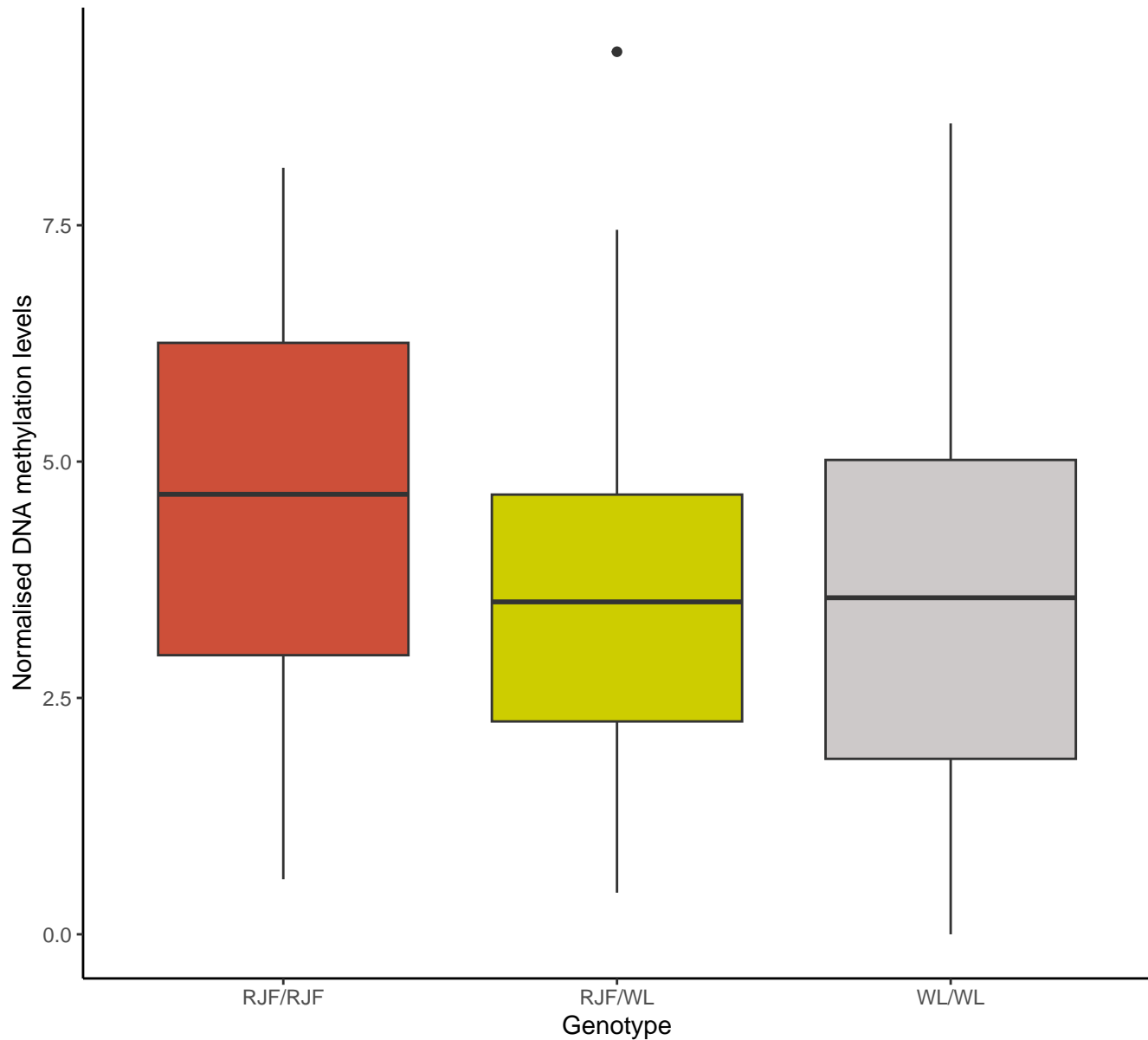
CI: chr12:0-27.32cM



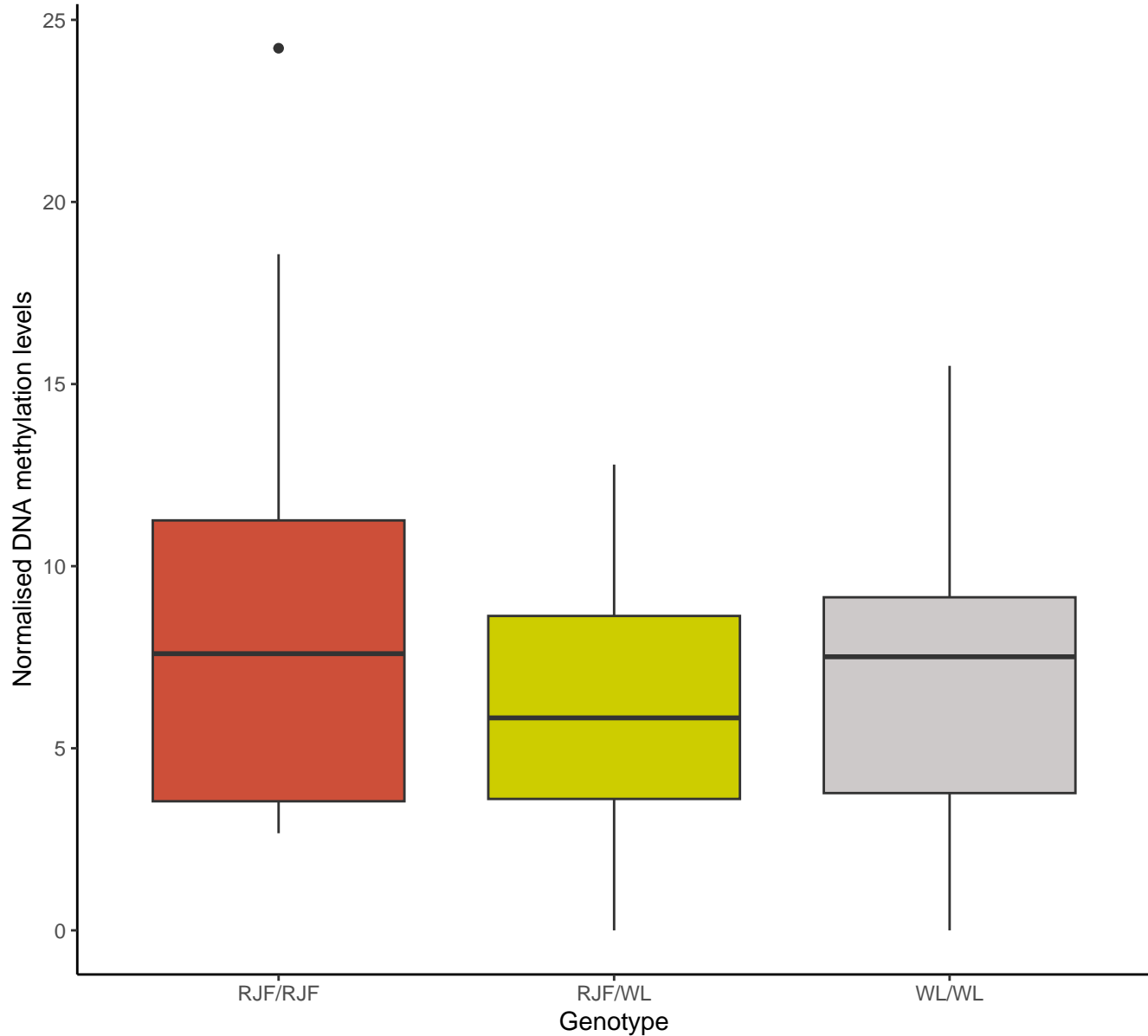
trans mQTL | chr20@0cM | LOD: 5.93
Methbin: chrZ_16115000 | marker:Gg_rs14267757
CI: chr20:0–14.97cM



trans mQTL | chr1@1410.84cM | LOD: 6
Methbin: chrZ_16488000 | marker:Gg_rs14858437
CI: chr1:1393.29–1417.54cM



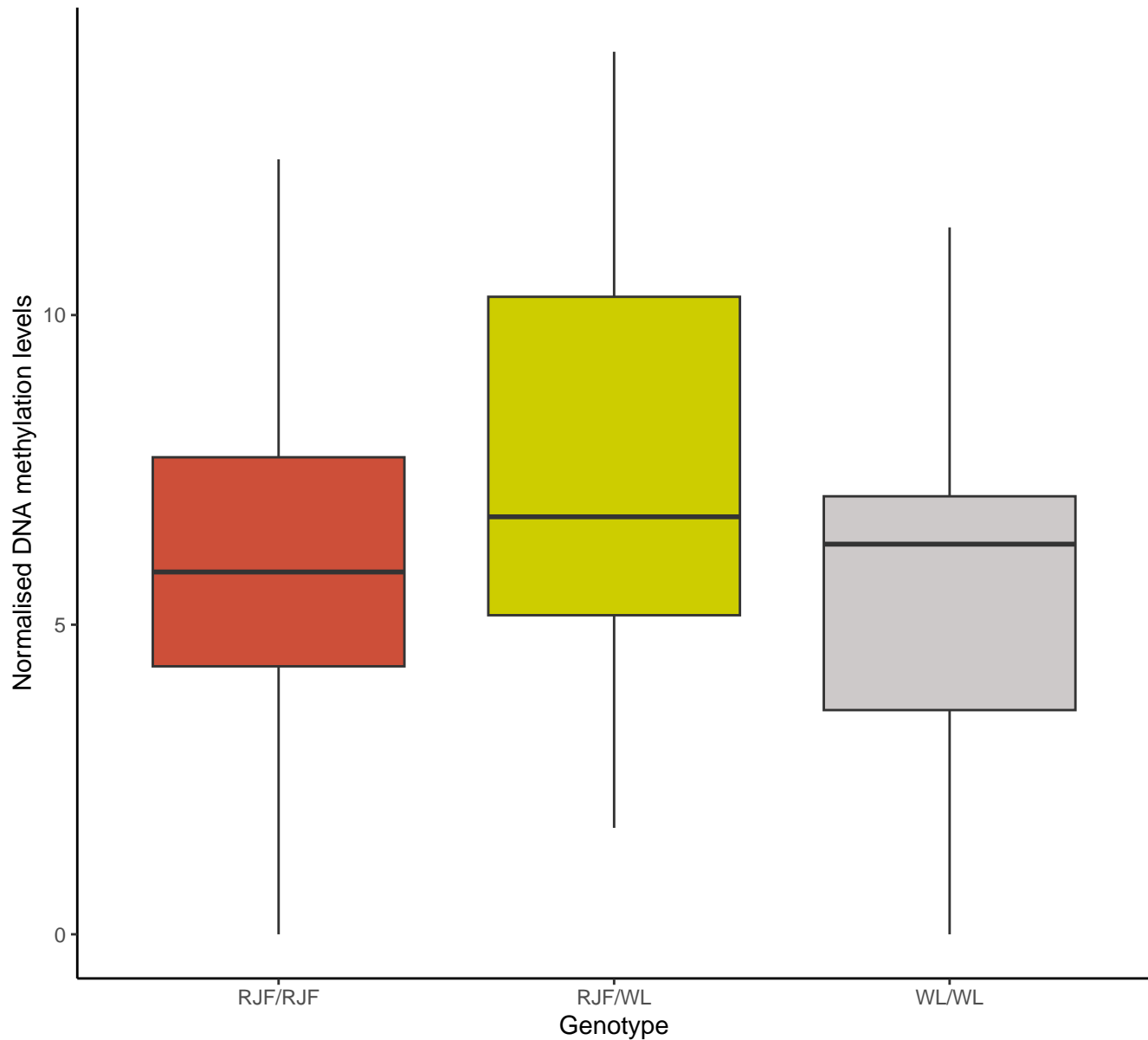
trans mQTL | chr12@106.91cM | LOD: 6.46
Methbin: chrZ_16510000 | marker:Gg_rs14038468
CI: chr12:85.17–150.26cM



trans mQTL | chr7@10.48cM | LOD: 6.63

Methbin: chrZ_16753000 | marker:Gg_rs15828492

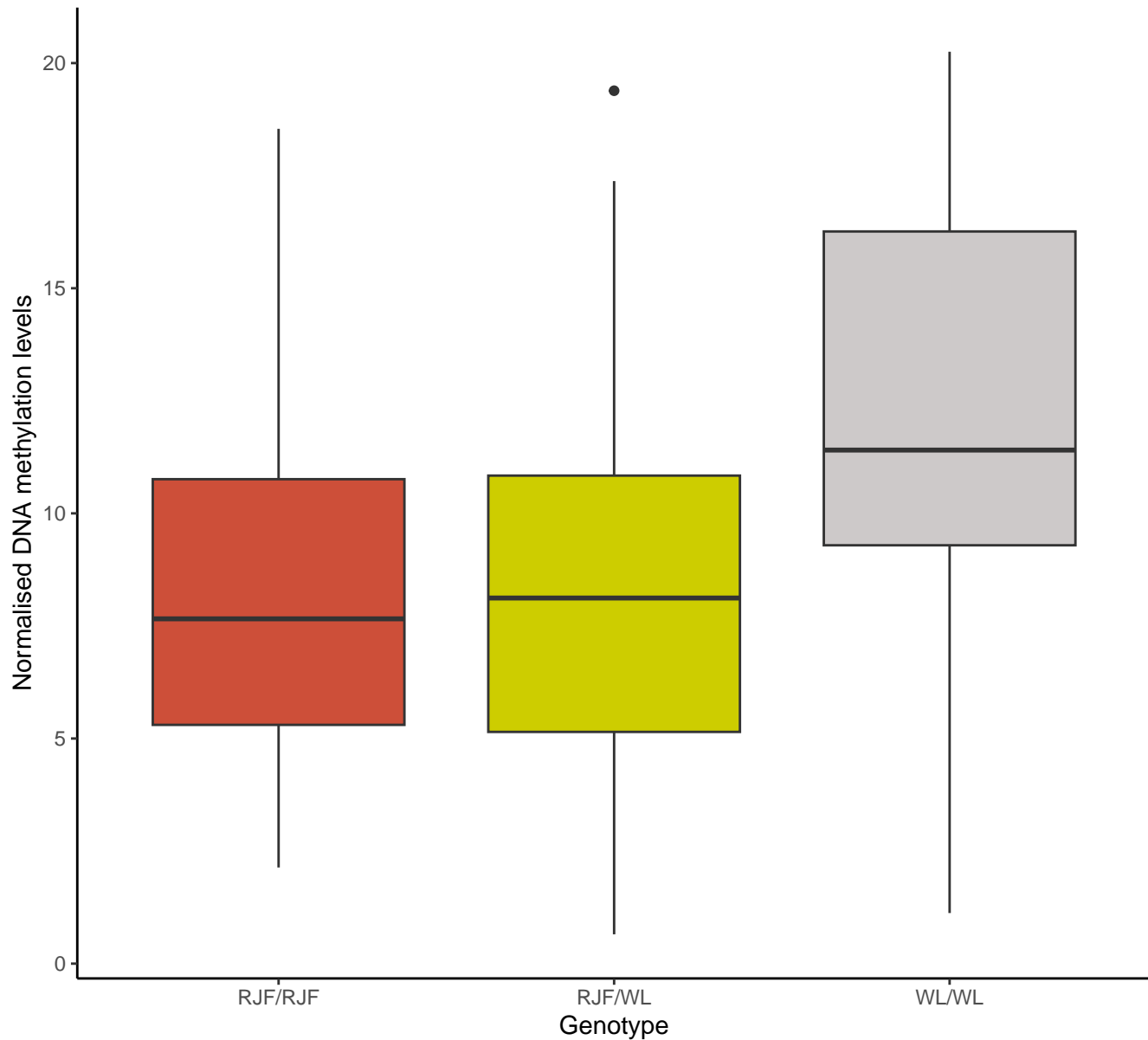
CI: chr7:0–58.22cM



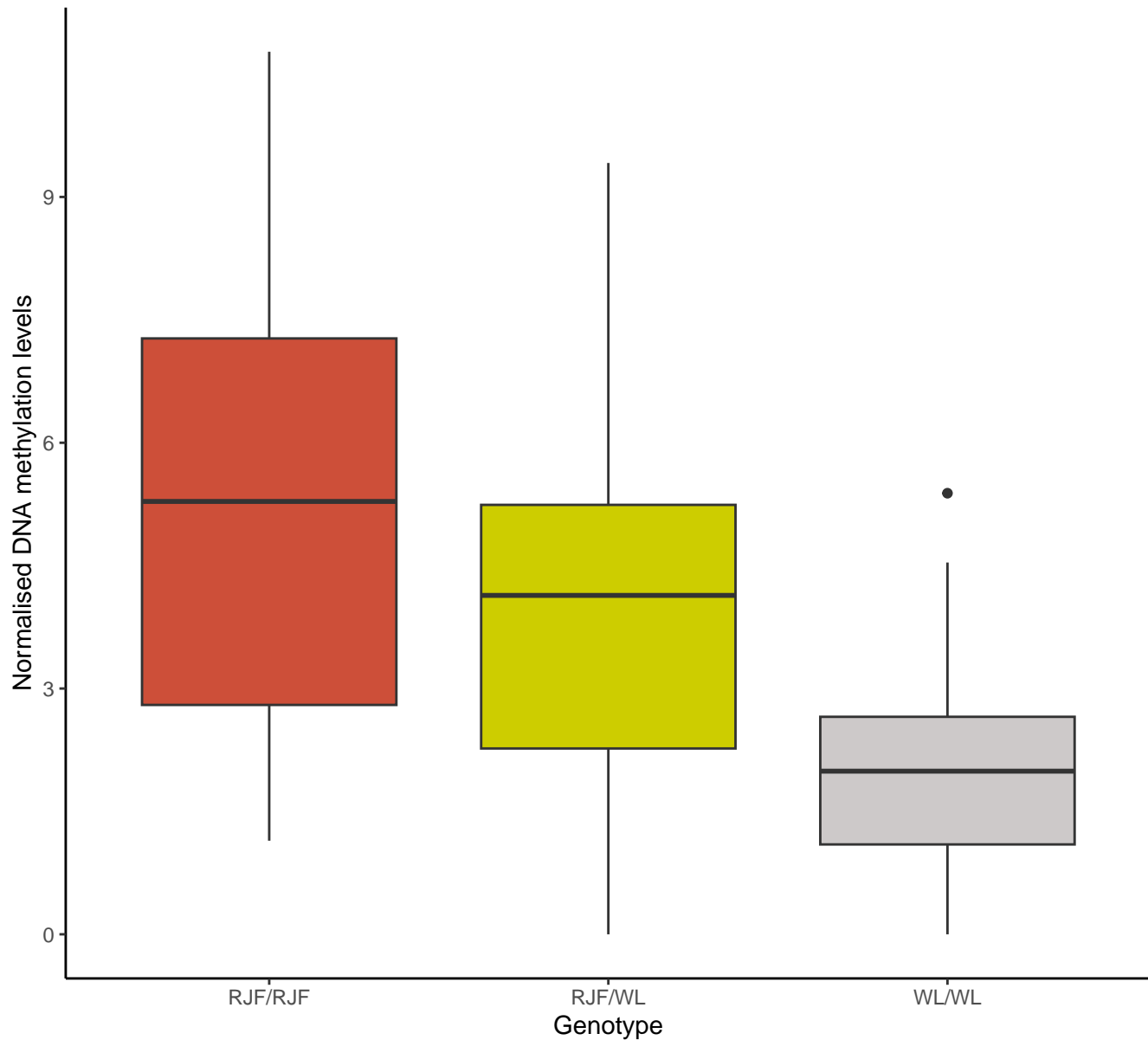
trans mQTL | chr2@730.39cM | LOD: 6.69

Methbin: chrZ_16800000 | marker:snp.12.170.1166.S.1

CI: chr2:712.97–771.22cM



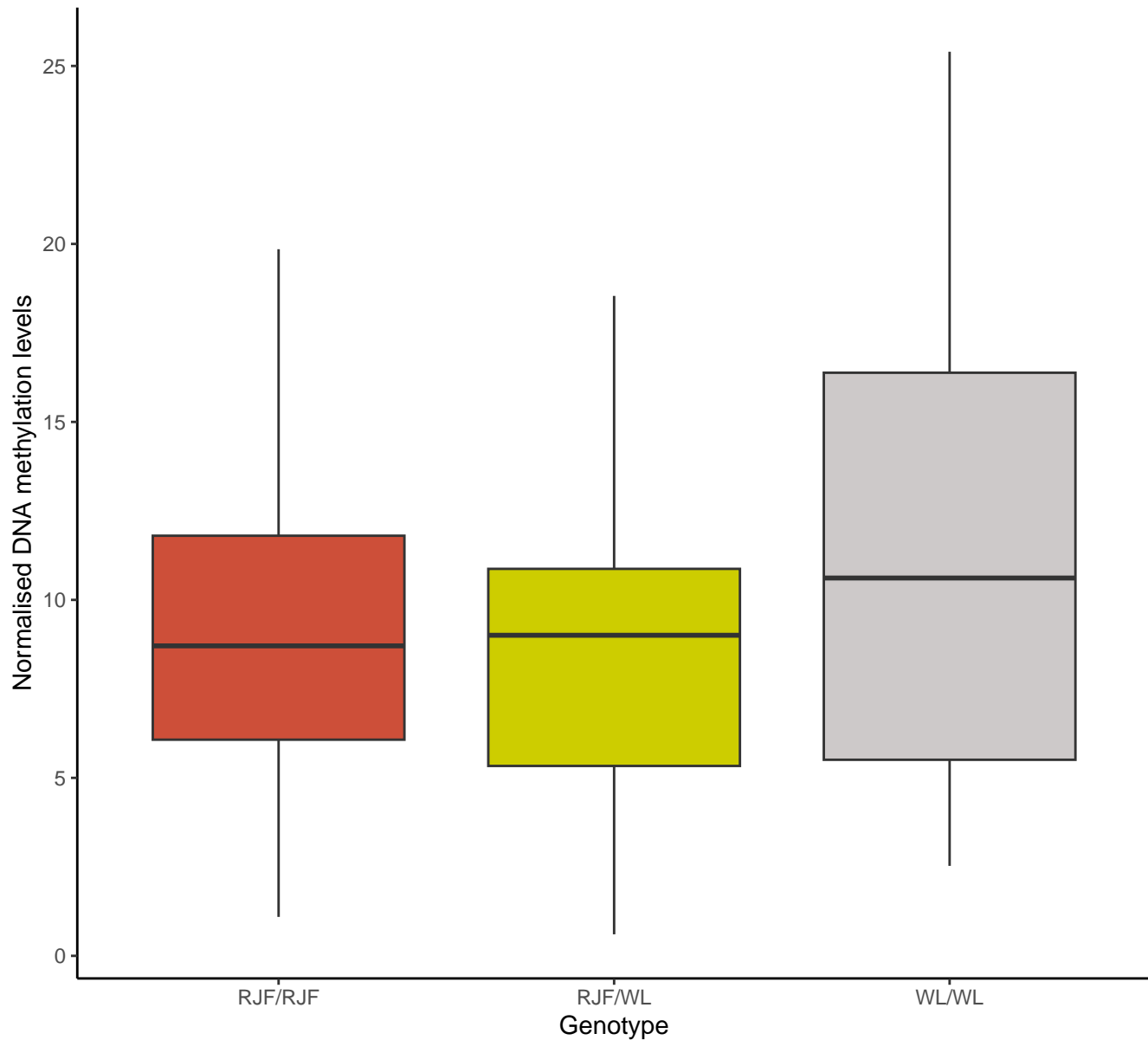
trans mQTL | chr17@58.07cM | LOD: 6.28
Methbin: chrZ_17365000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



trans mQTL | chr24@0cM | LOD: 6.58

Methbin: chrZ_17440000 | marker:Gg_rs14292805

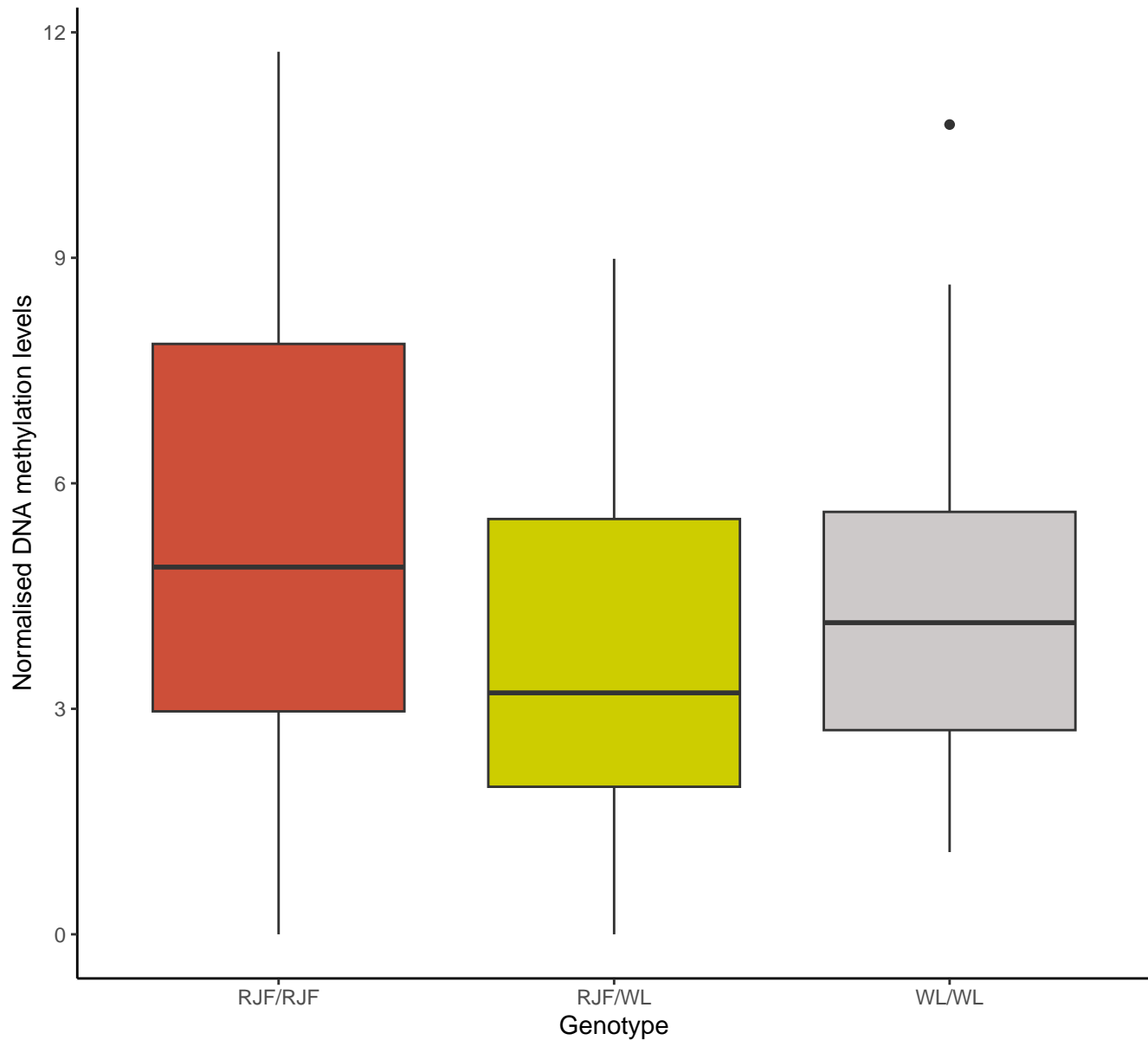
CI: chr24:0–14.08cM



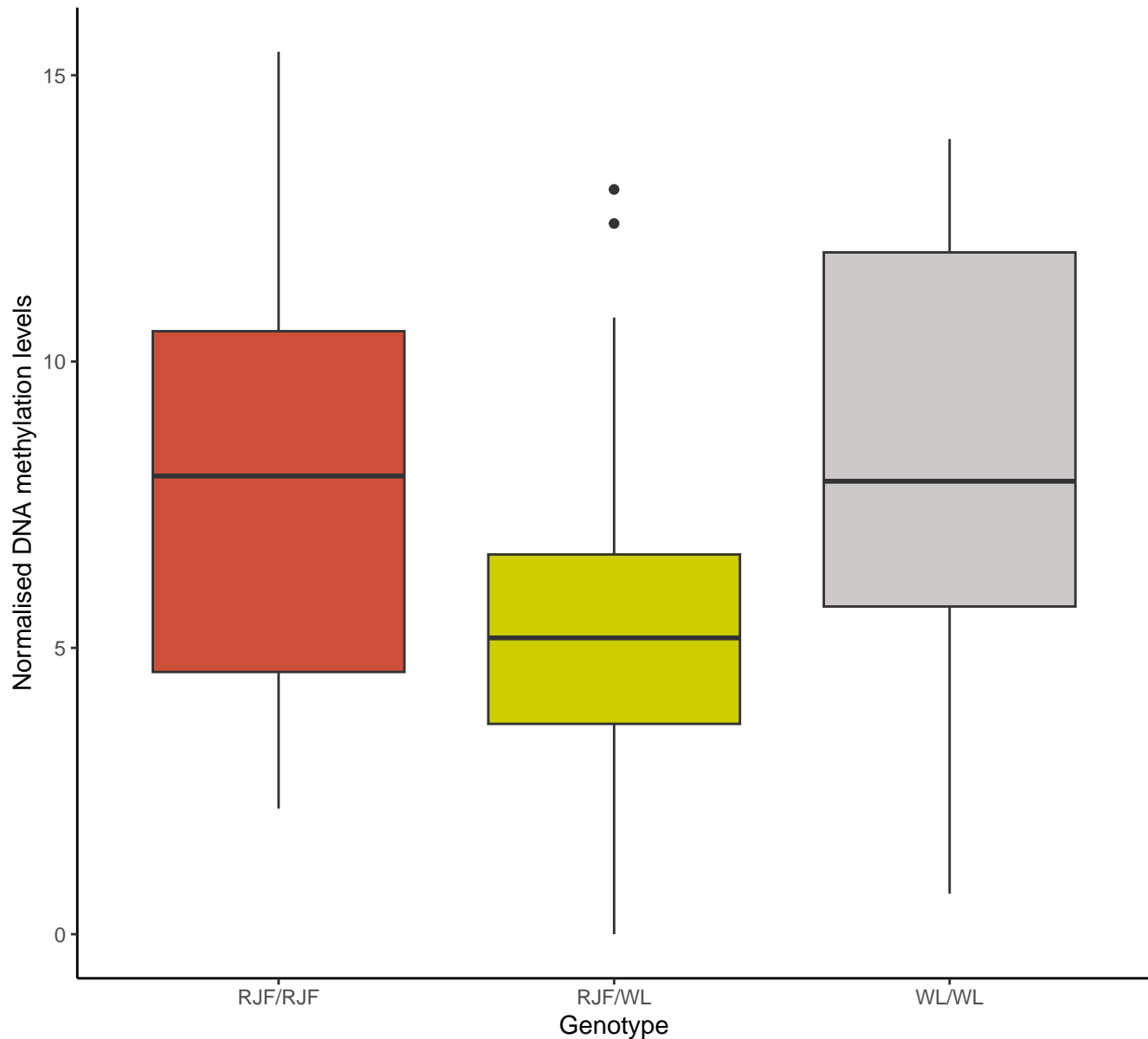
trans mQTL | chr20@48cM | LOD: 7.62

Methbin: chrZ_17559000 | marker:Gg_rs14270861

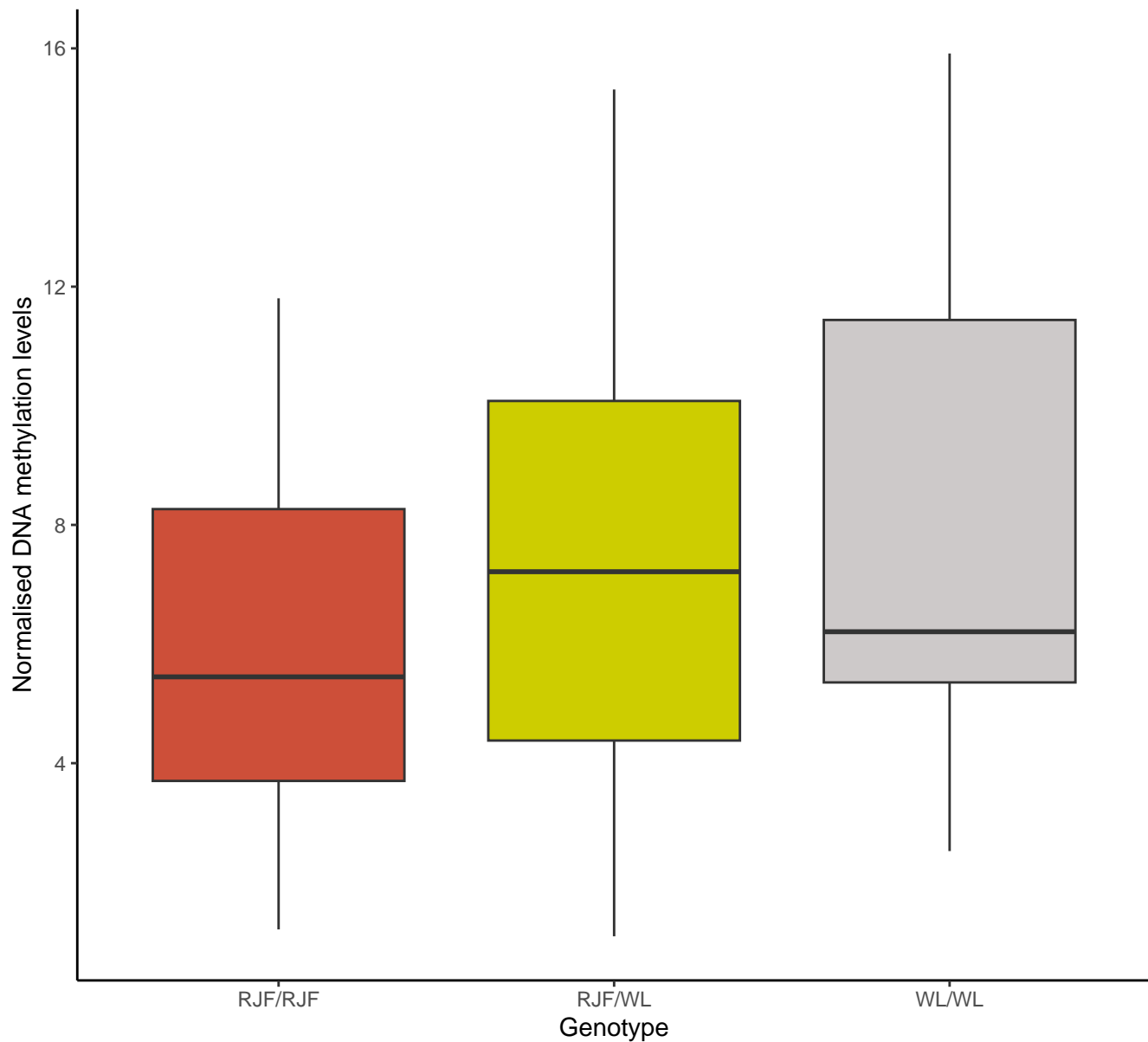
CI: chr20:14.97–108.34cM



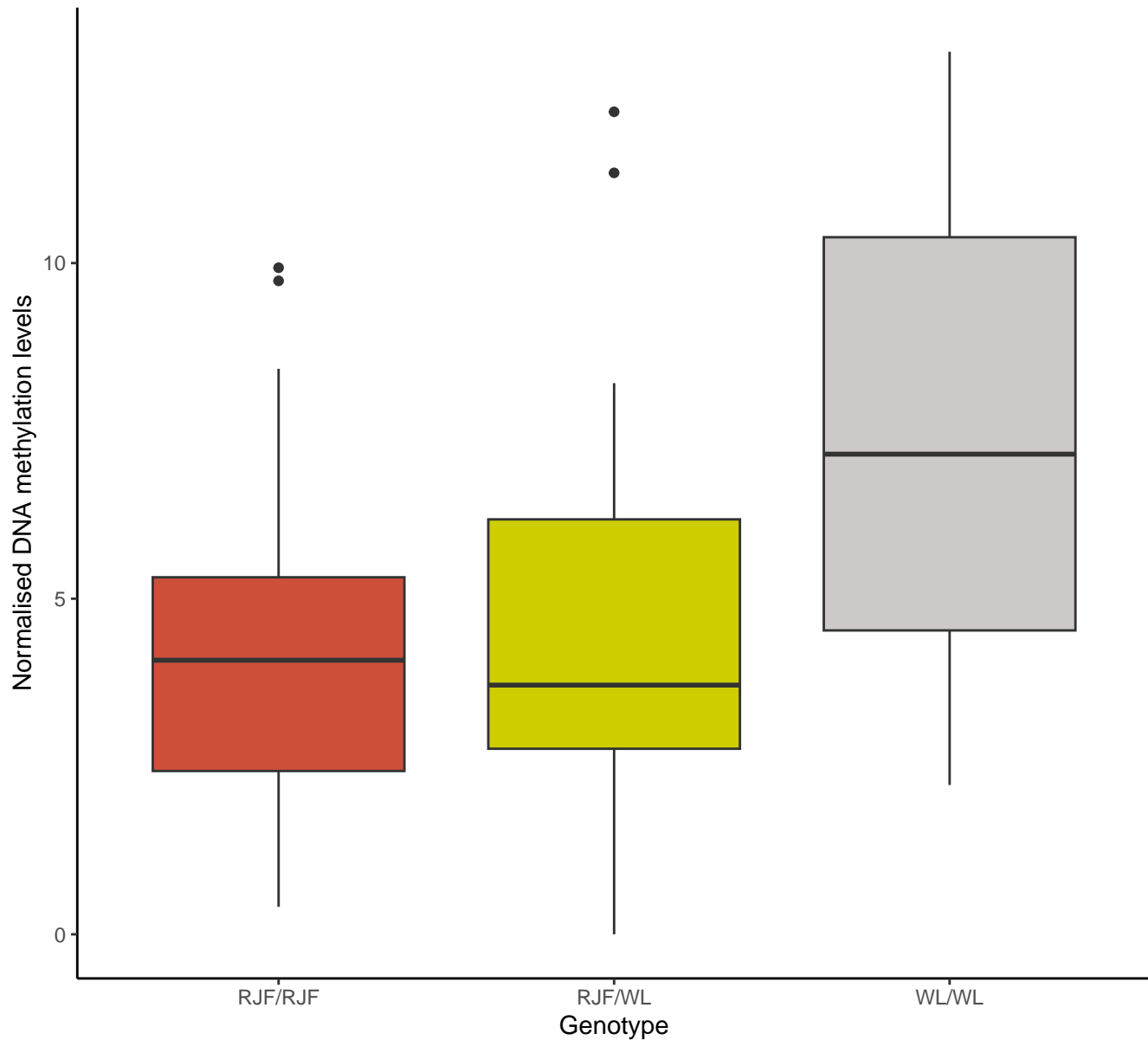
trans mQTL | chr3@577cM | LOD: 7.53
Methbin: chrZ_17592000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



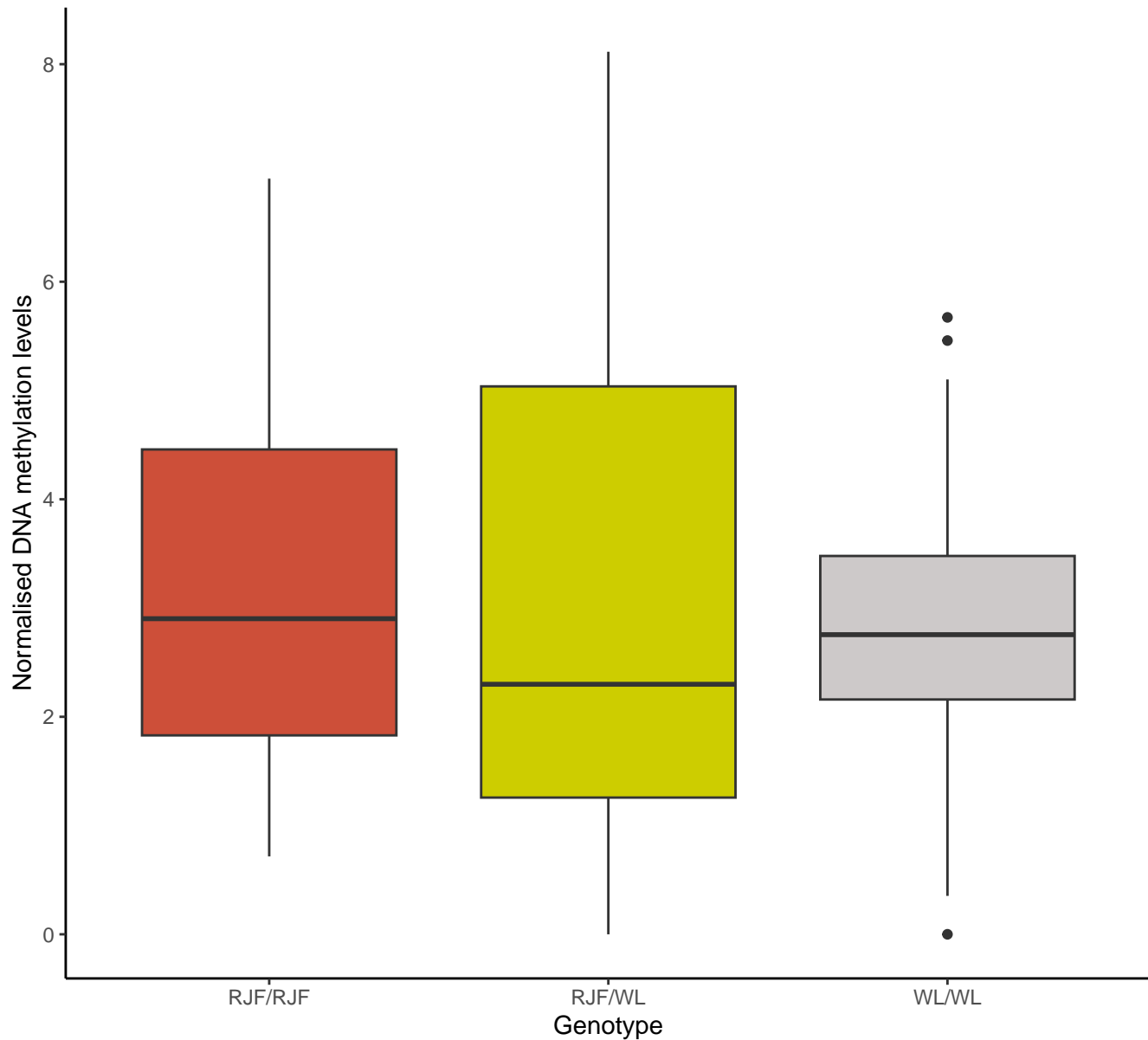
trans mQTL | chr13@133.48cM | LOD: 6.92
Methbin: chrZ_17595000 | marker:Gg_rs14995644
CI: chr13:110.85–198.44cM



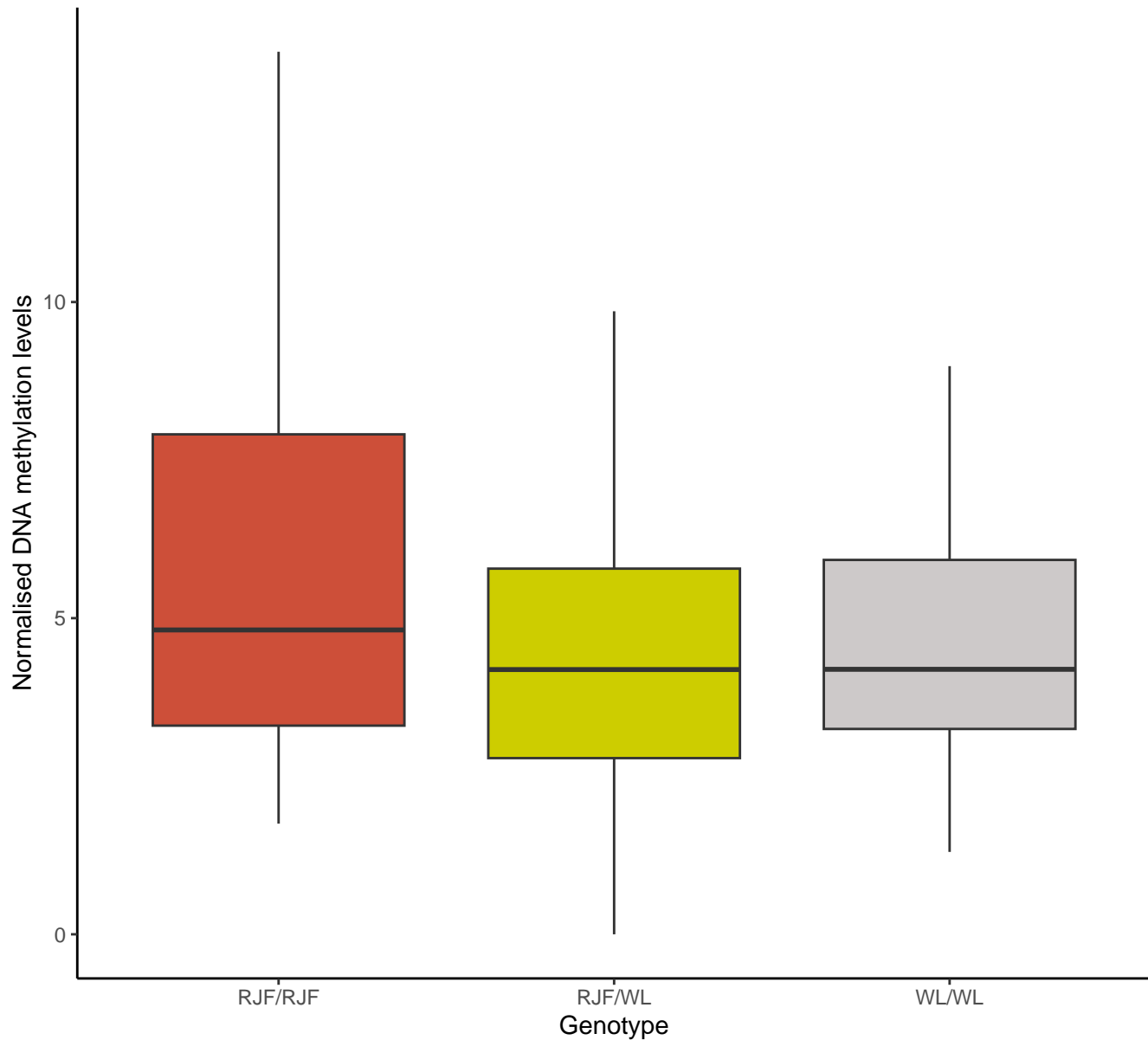
trans mQTL | chr1@2094.51cM | LOD: 6.07
Methbin: chrZ_17606000 | marker:X1_185988681
CI: chr1:2078.36–2210.81cM



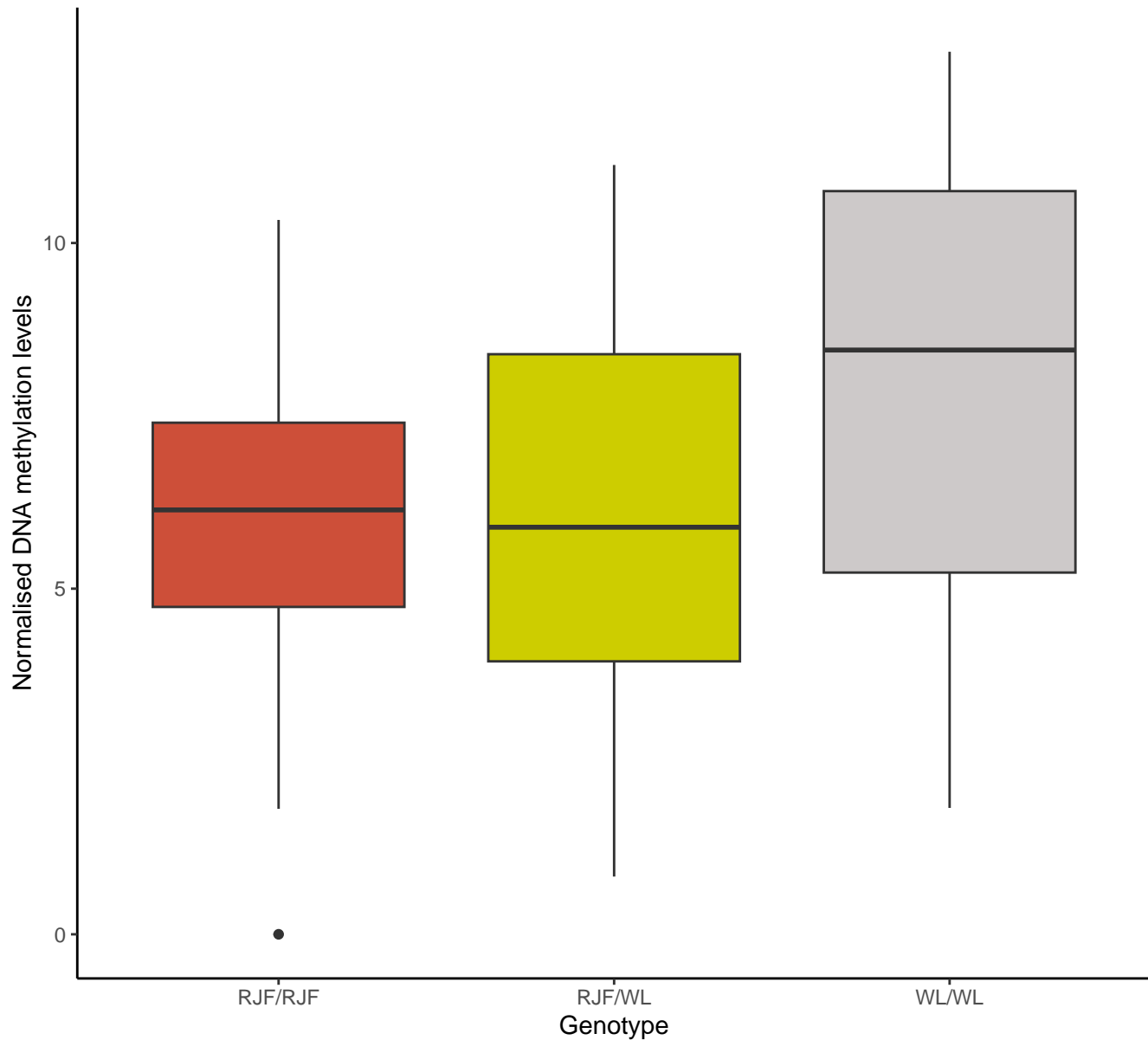
trans mQTL | chr21@60.3cM | LOD: 6.51
Methbin: chrZ_17912000 | marker:Gg_rs15183964
CI: chr21:20.95–75.8cM



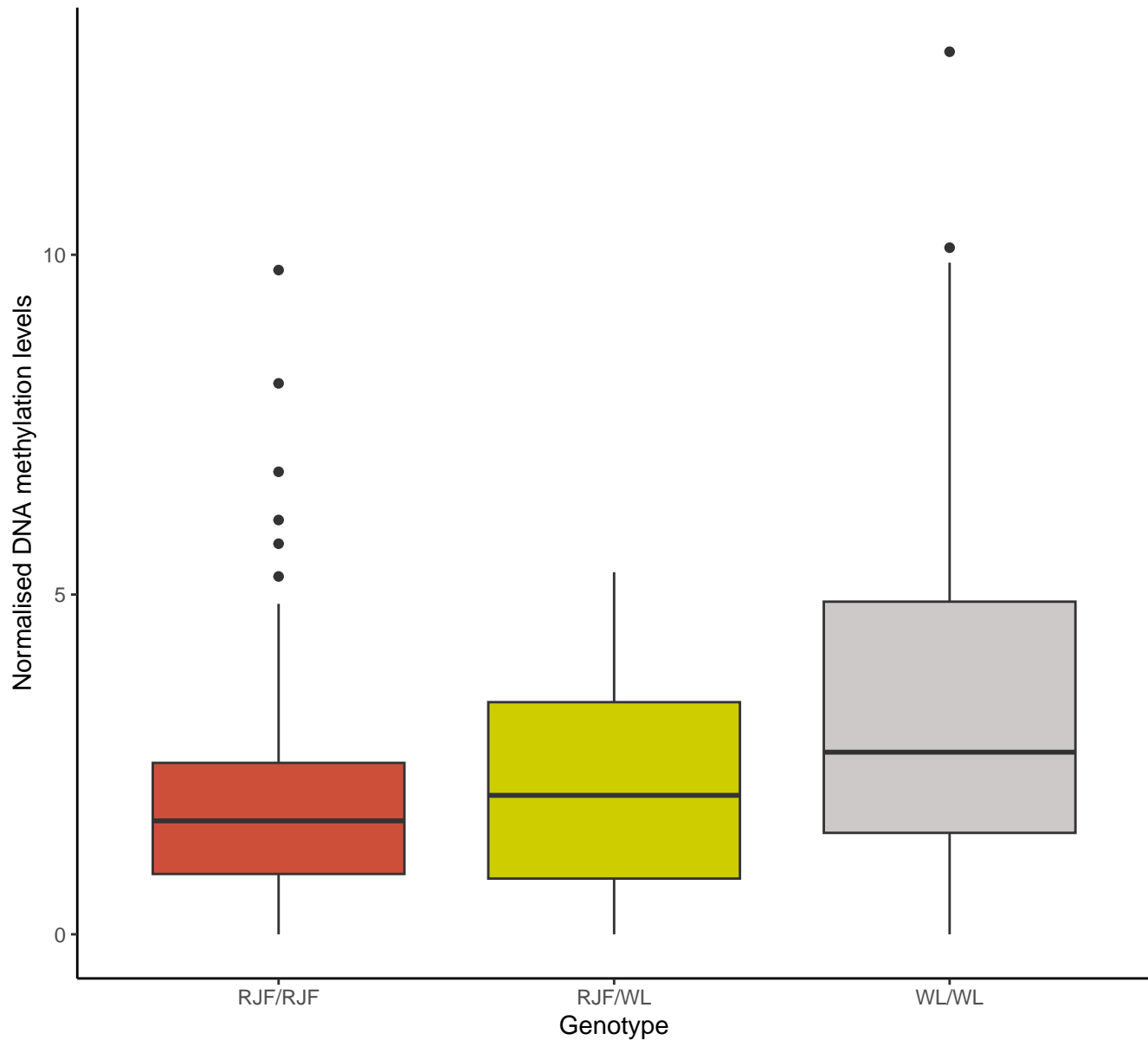
trans mQTL | chr1@1410.38cM | LOD: 6.07
Methbin: chrZ_17931000 | marker:Gg_rs14858437
CI: chr1:1393.29–1417.54cM



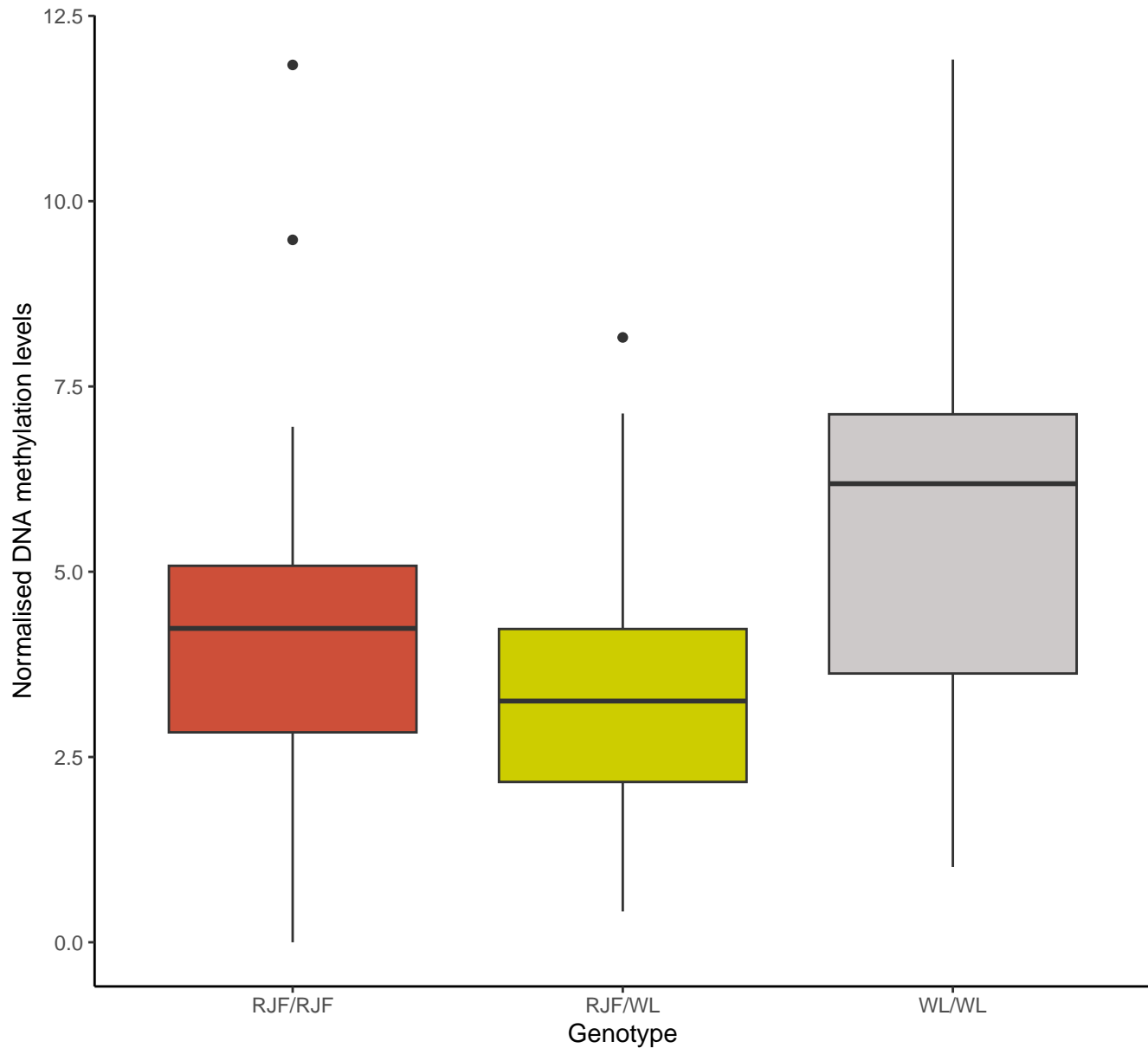
trans mQTL | chr2@145.68cM | LOD: 7.38
Methbin: chrZ_18044000 | marker:Gg_rs14139143
CI: chr2:98.38–162.05cM



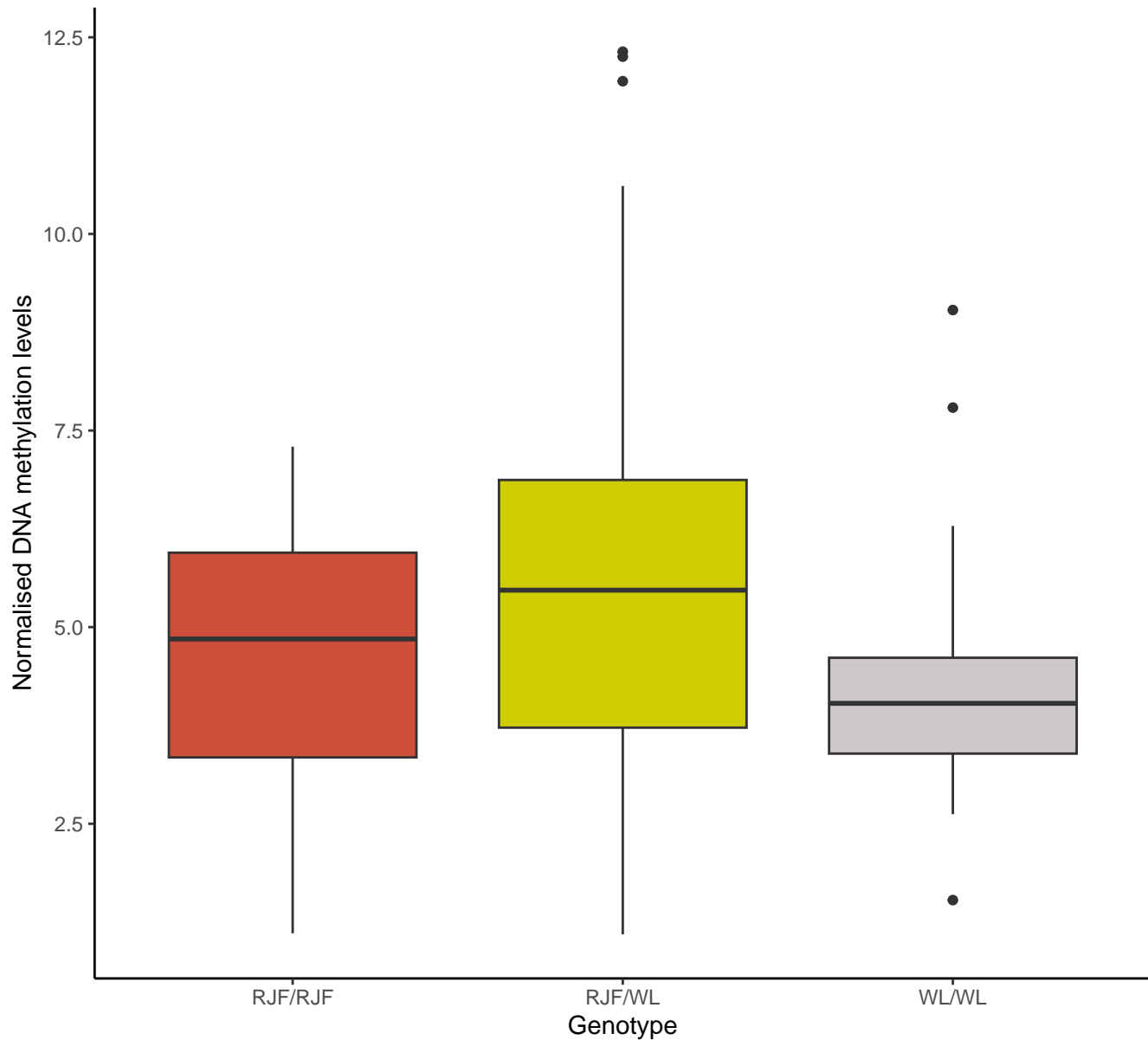
trans mQTL | chr4@0cM | LOD: 7.78
Methbin: chrZ_18049000 | marker:X4_1267185
CI: chr4:0–10.25cM



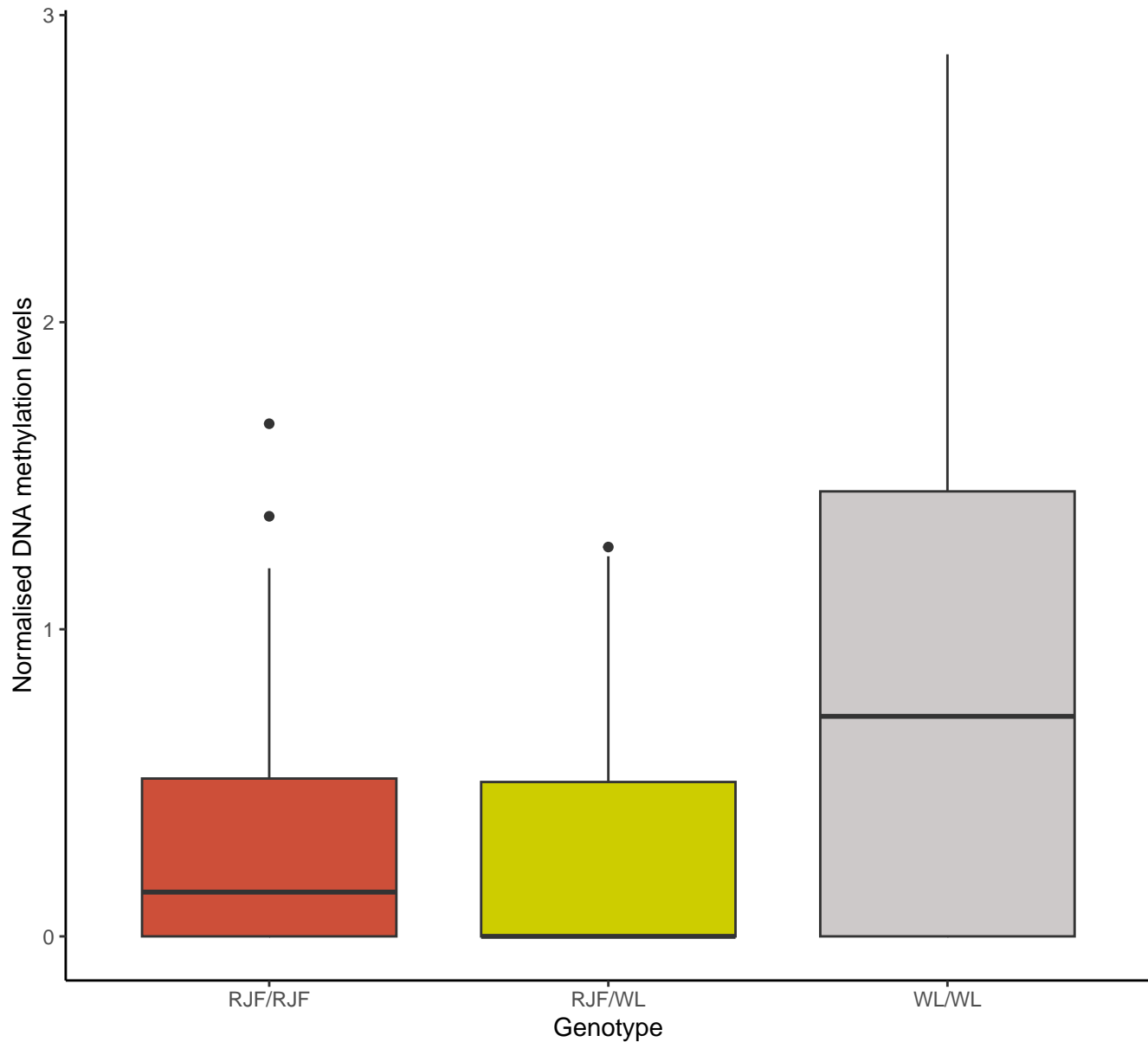
trans mQTL | chr8@68.59cM | LOD: 9.2
Methbin: chrZ_18293000 | marker:Gg_rs14638715
CI: chr8:21.19–89.31cM



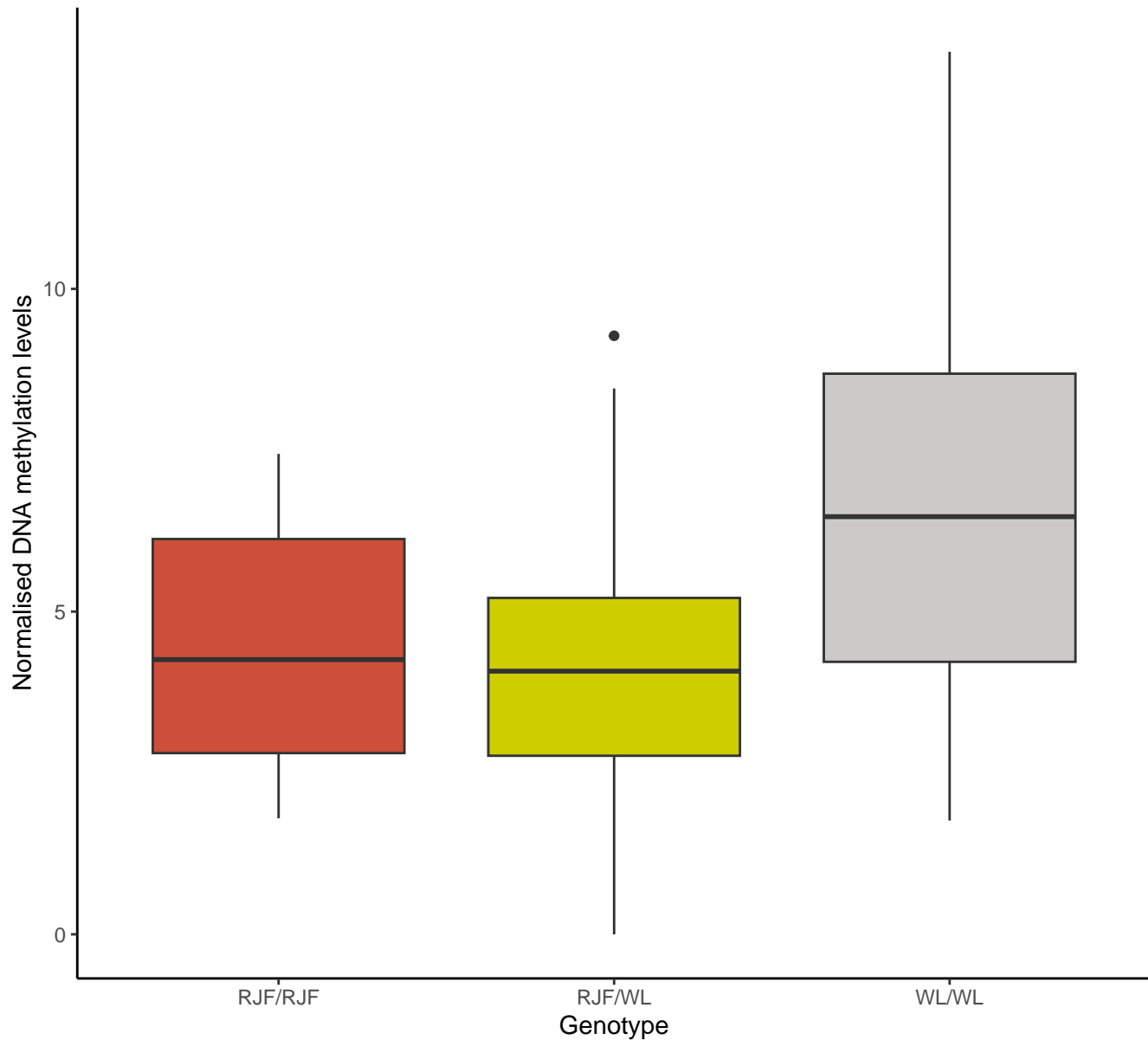
trans mQTL | chr4@568.94cM | LOD: 6.07
Methbin: chrZ_19089000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



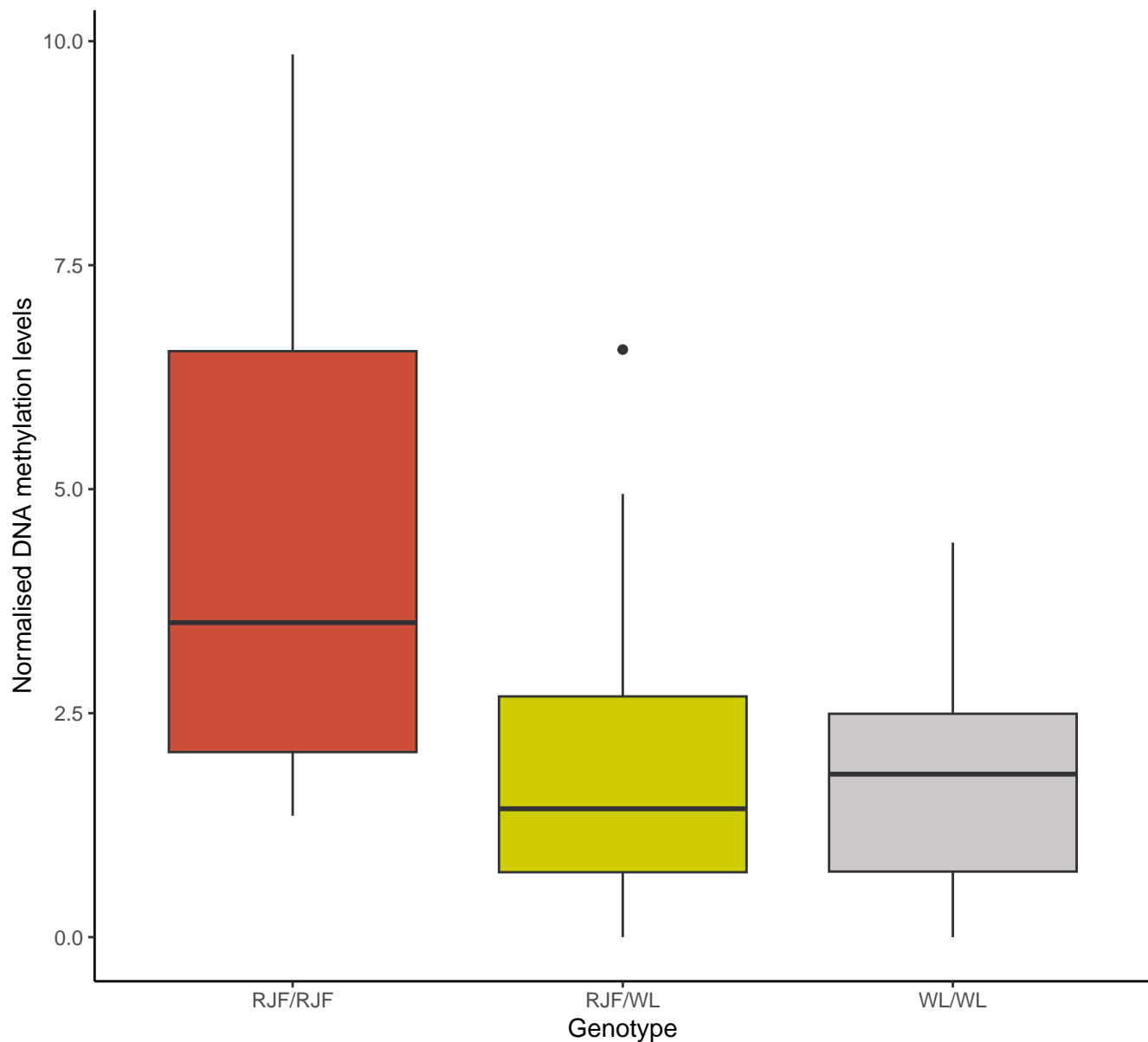
trans mQTL | chr12@152.5cM | LOD: 7.34
Methbin: chrZ_19128000 | marker:Gg_rs14040823
CI: chr12:106.91–165.49cM



trans mQTL | chr2@90.91cM | LOD: 8.28
Methbin: chrZ_19151000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



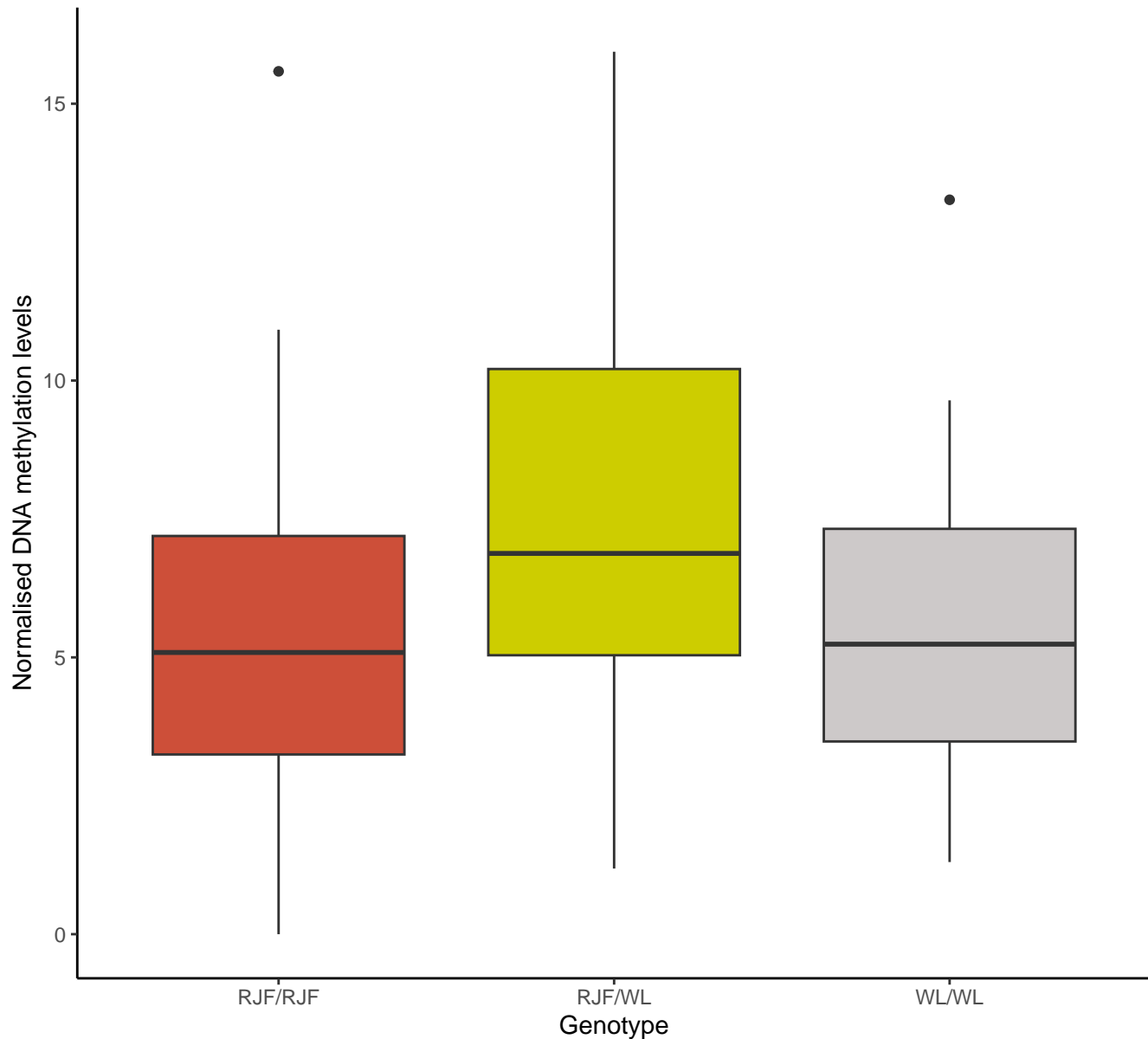
trans mQTL | chr12@57.81cM | LOD: 9.01
Methbin: chrZ_19184000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



trans mQTL | chr7@10.48cM | LOD: 6.34

Methbin: chrZ_19405000 | marker:Gg_rs15828492

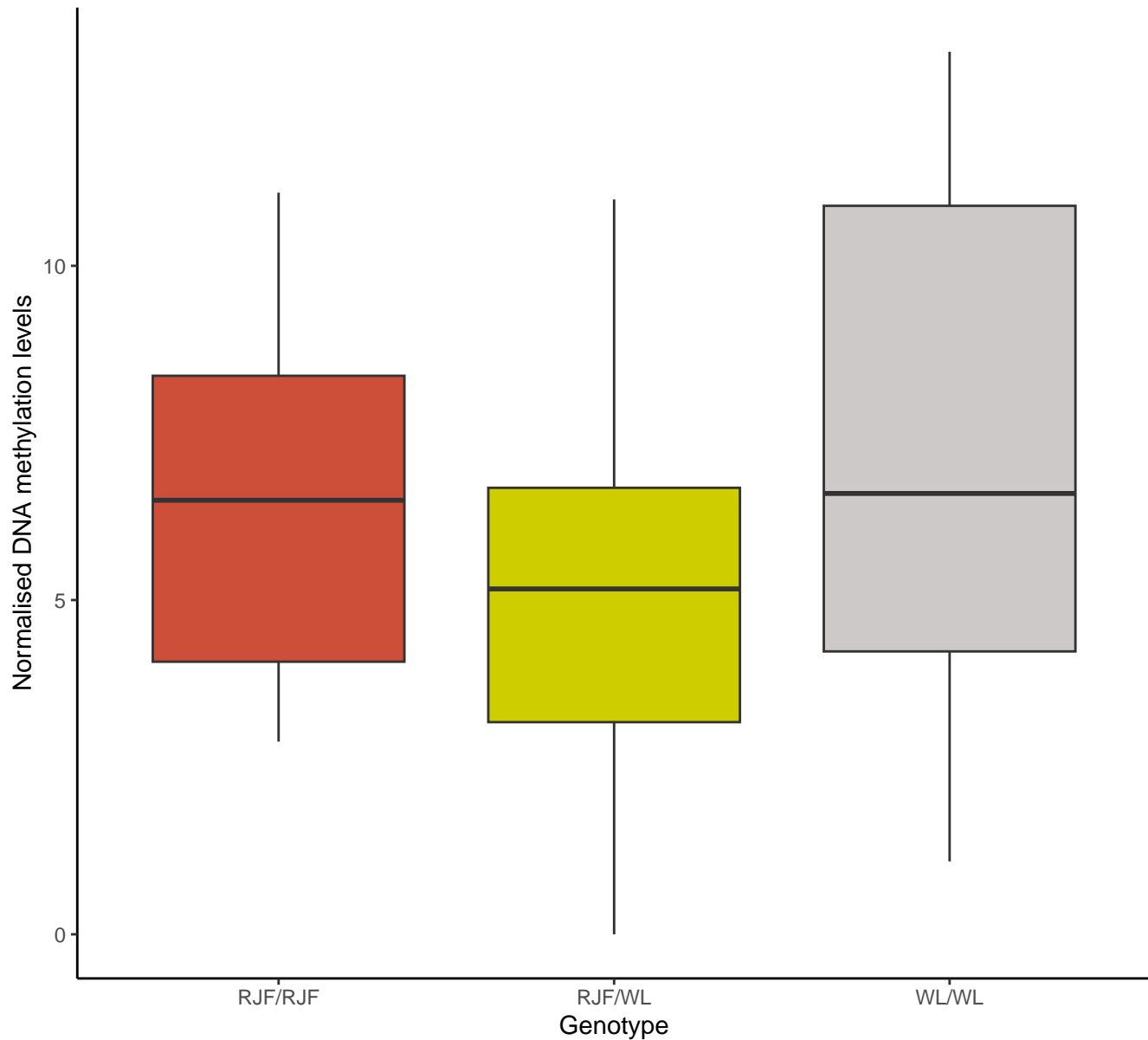
CI: chr7:0–58.22cM



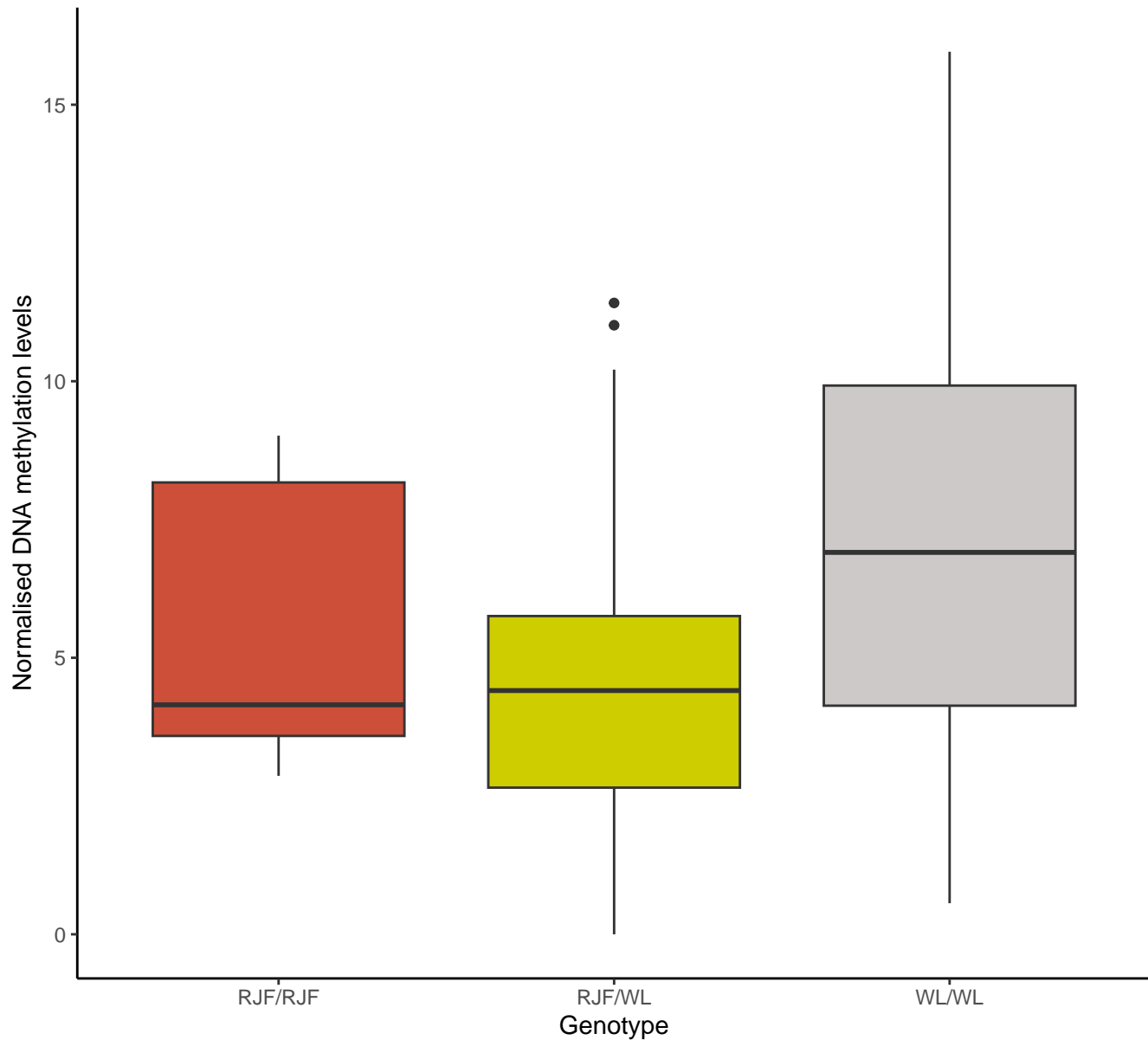
trans mQTL | chr2@745.11cM | LOD: 6.51

Methbin: chrZ_19557000 | marker:Gg_rs15126508

CI: chr2:733.11–771.22cM



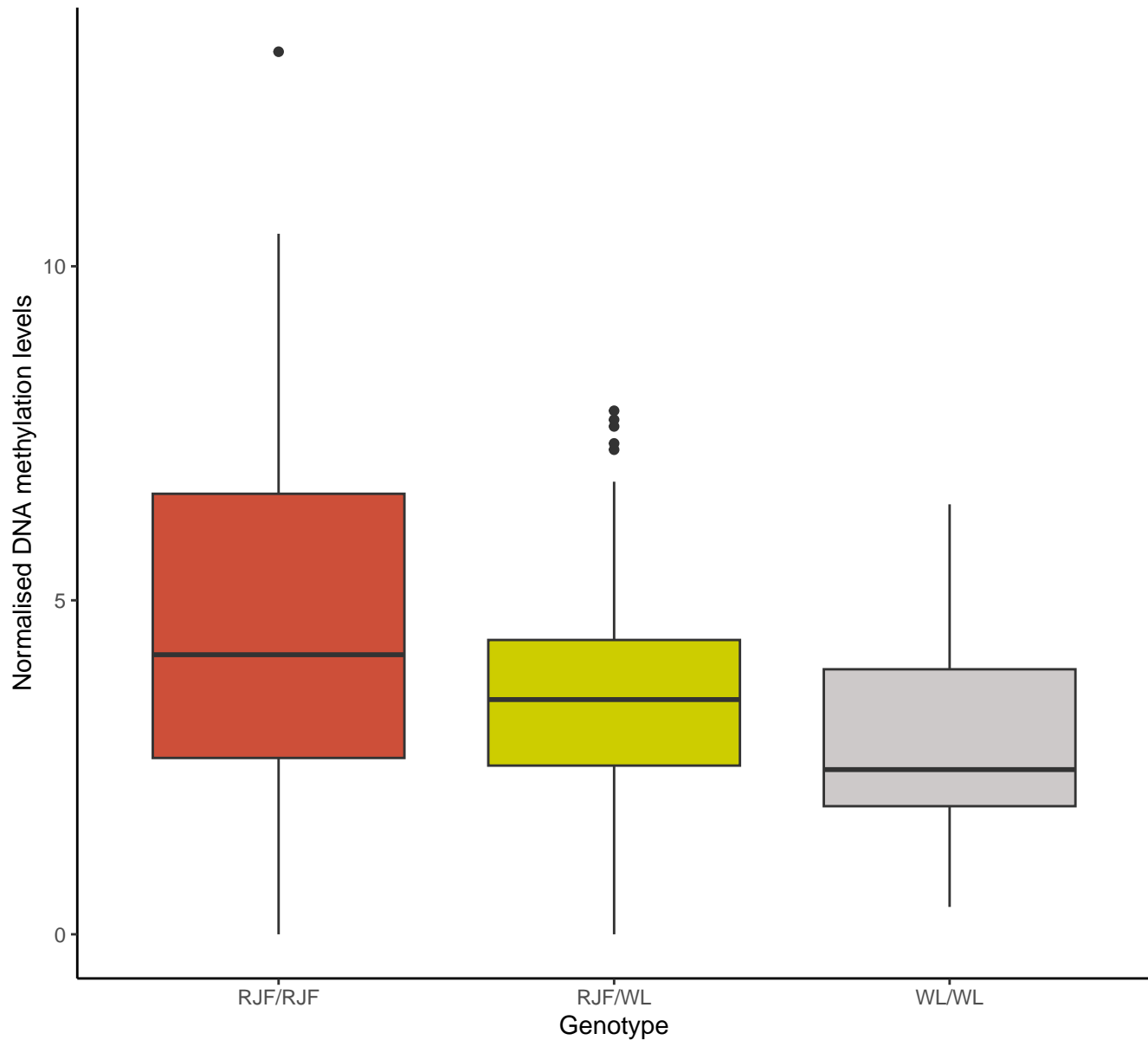
trans mQTL | chr2@97cM | LOD: 6.59
Methbin: chrZ_20239000 | marker:Gg_rs15060526
CI: chr2:90.91–145.68cM



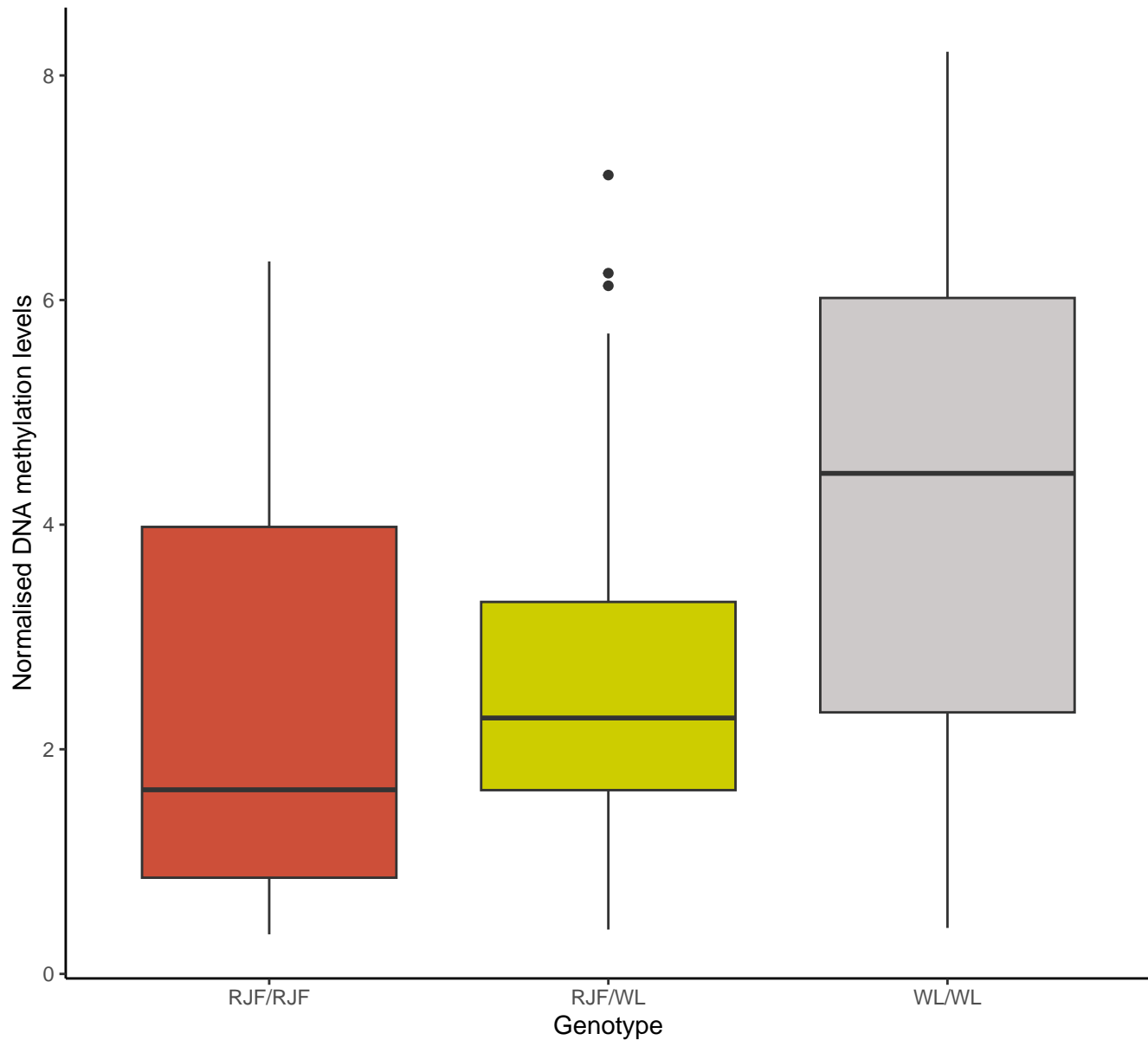
trans mQTL | chr8@100.5cM | LOD: 5.94

Methbin: chrZ_21125000 | marker:Gg_rs15919945

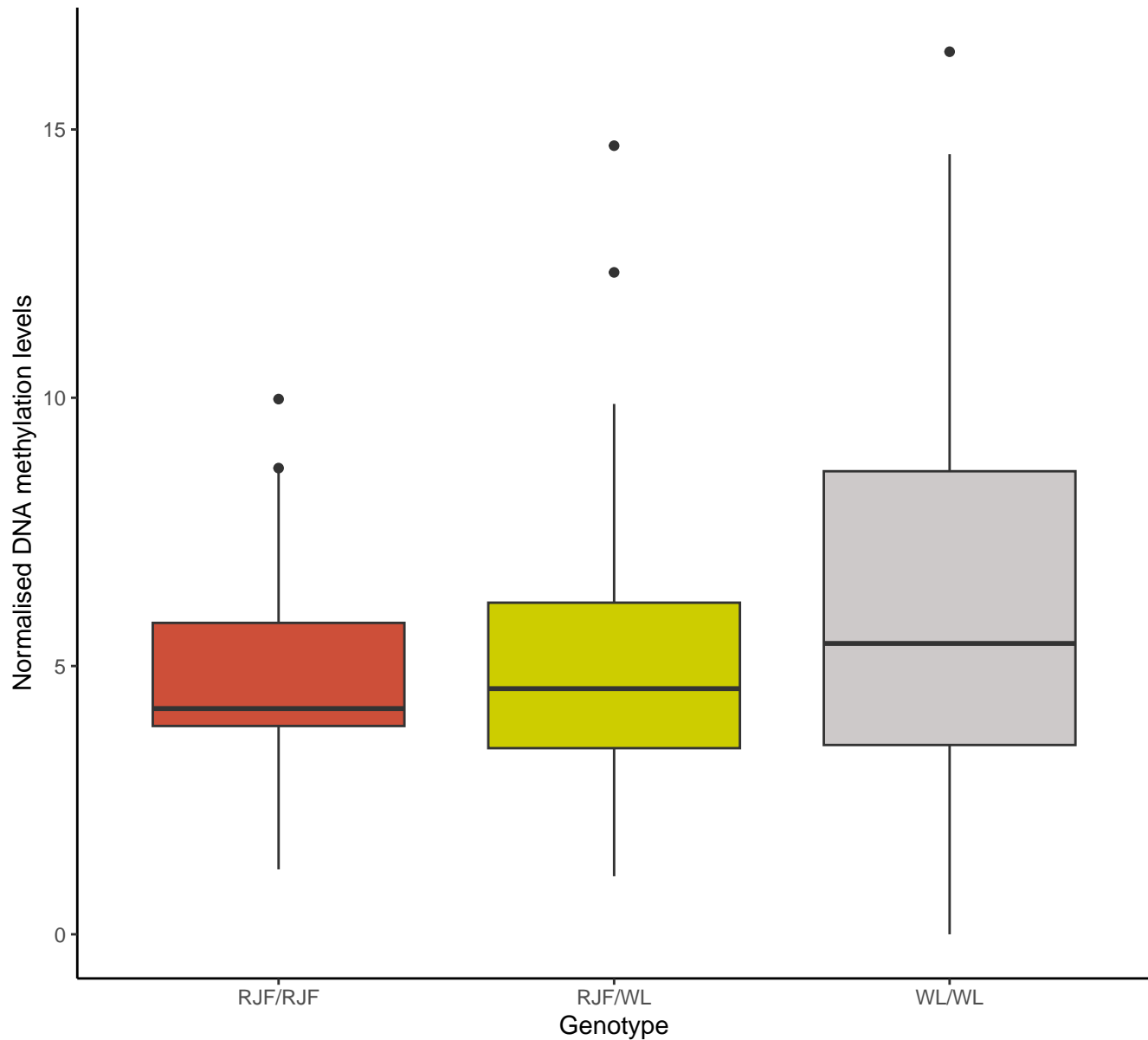
CI: chr8:91.83–138.8cM



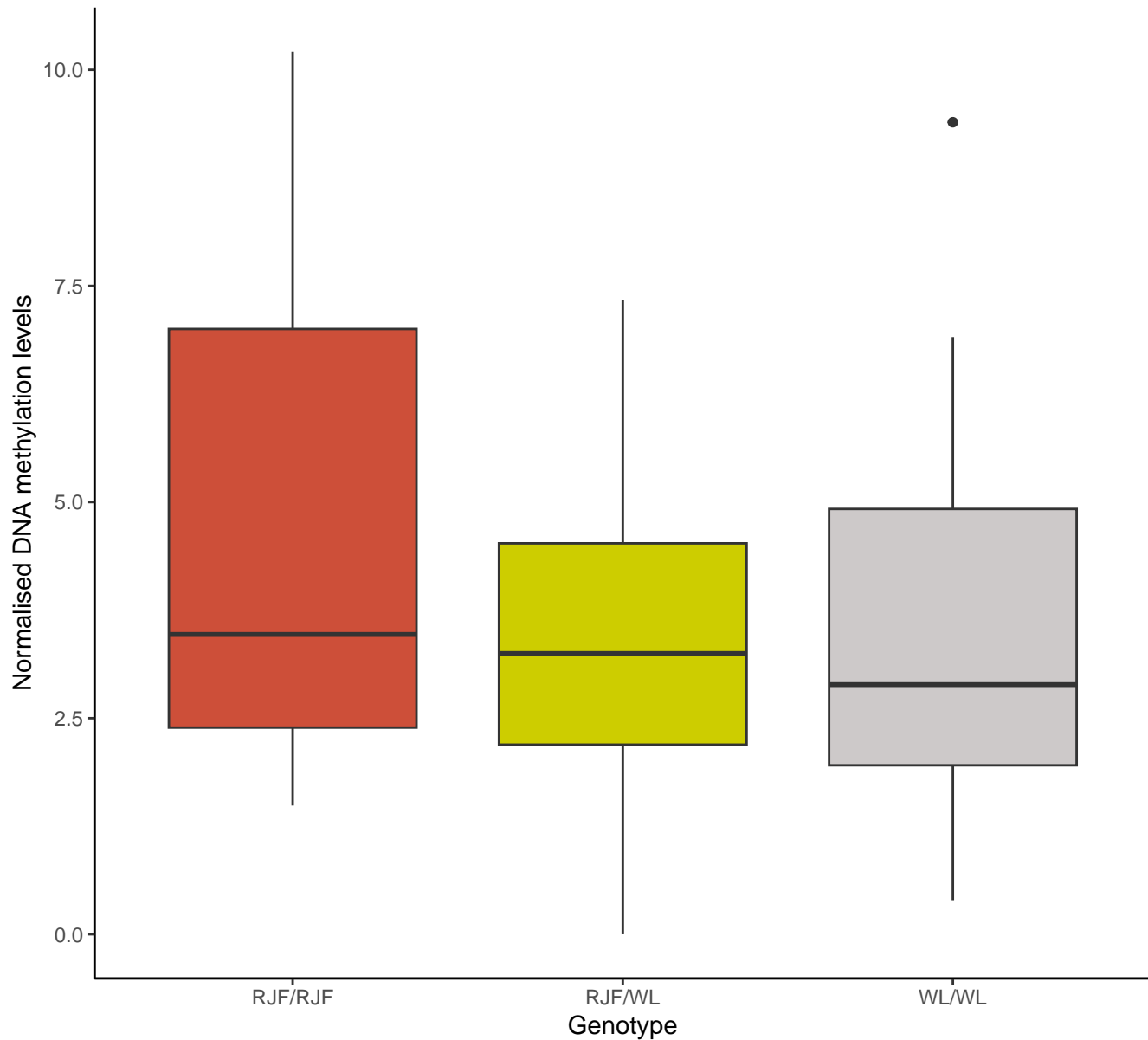
trans mQTL | chr2@712.87cM | LOD: 6.22
Methbin: chrZ_21226000 | marker:Gg_rs14206130
CI: chr2:693.4–724.04cM



trans mQTL | chr12@0cM | LOD: 6.67
Methbin: chrZ_21515000 | marker:Gg_rs14031213
CI: chr12:0–3.4cM



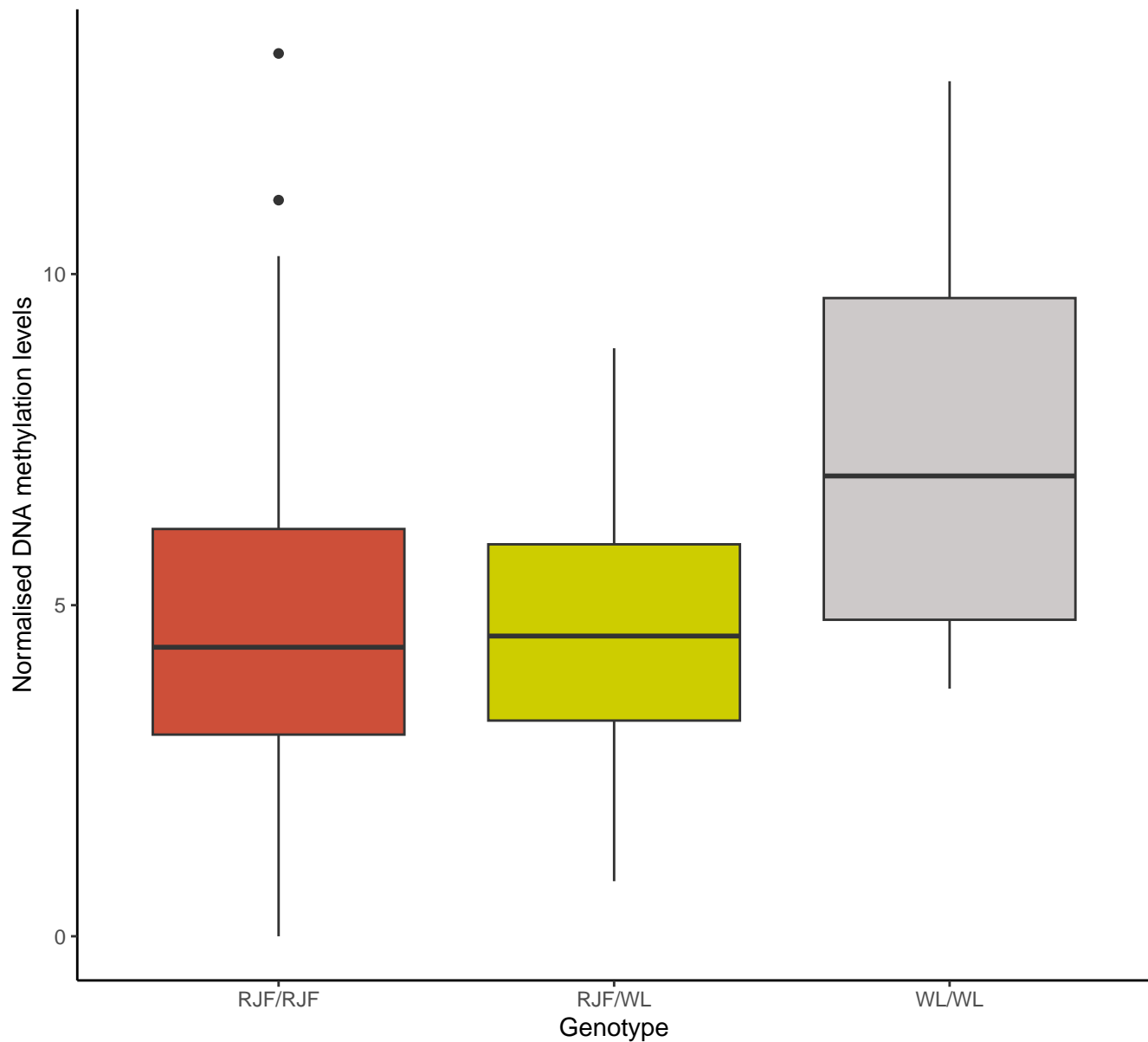
trans mQTL | chr1@1410.84cM | LOD: 6.23
Methbin: chrZ_21581000 | marker:Gg_rs14858437
CI: chr1:1393.29–1417.54cM



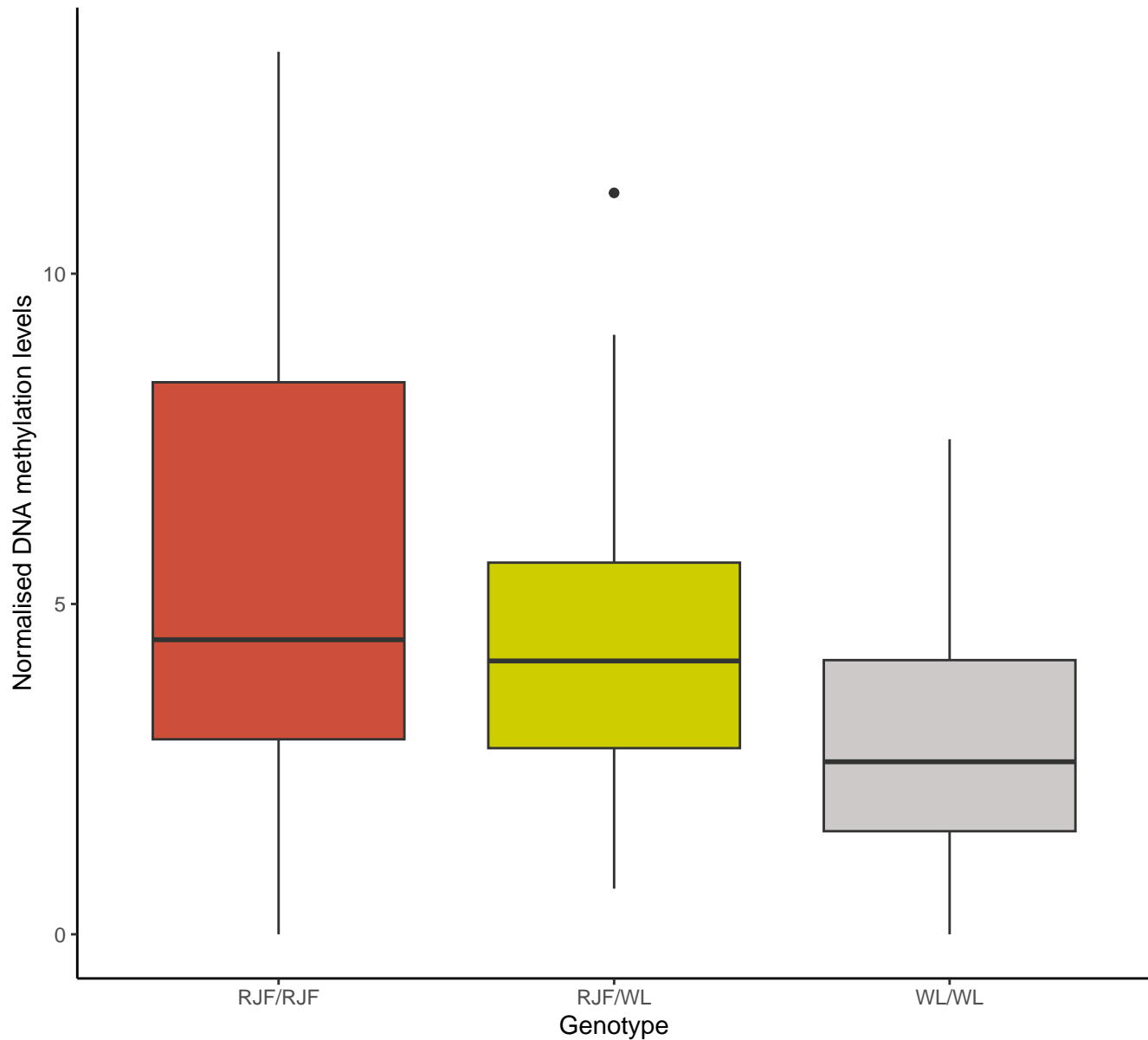
trans mQTL | chr8@172cM | LOD: 6.38

Methbin: chrZ_21699000 | marker:Gg_rs14652282

CI: chr8:138.8–219.11cM



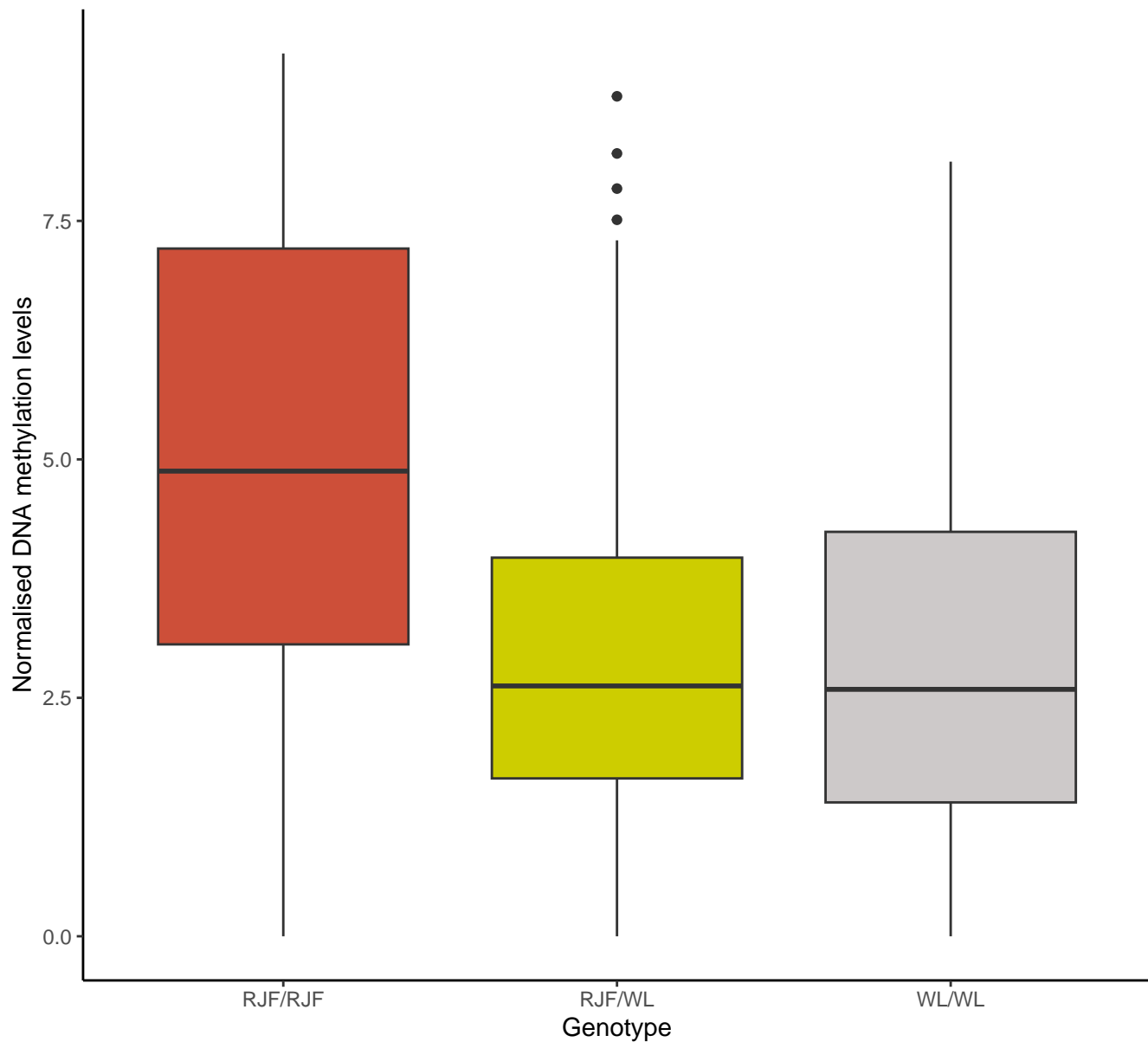
trans mQTL | chr8@100.5cM | LOD: 7.01
Methbin: chrZ_21719000 | marker:Gg_rs15919945
CI: chr8:91.83–138.8cM



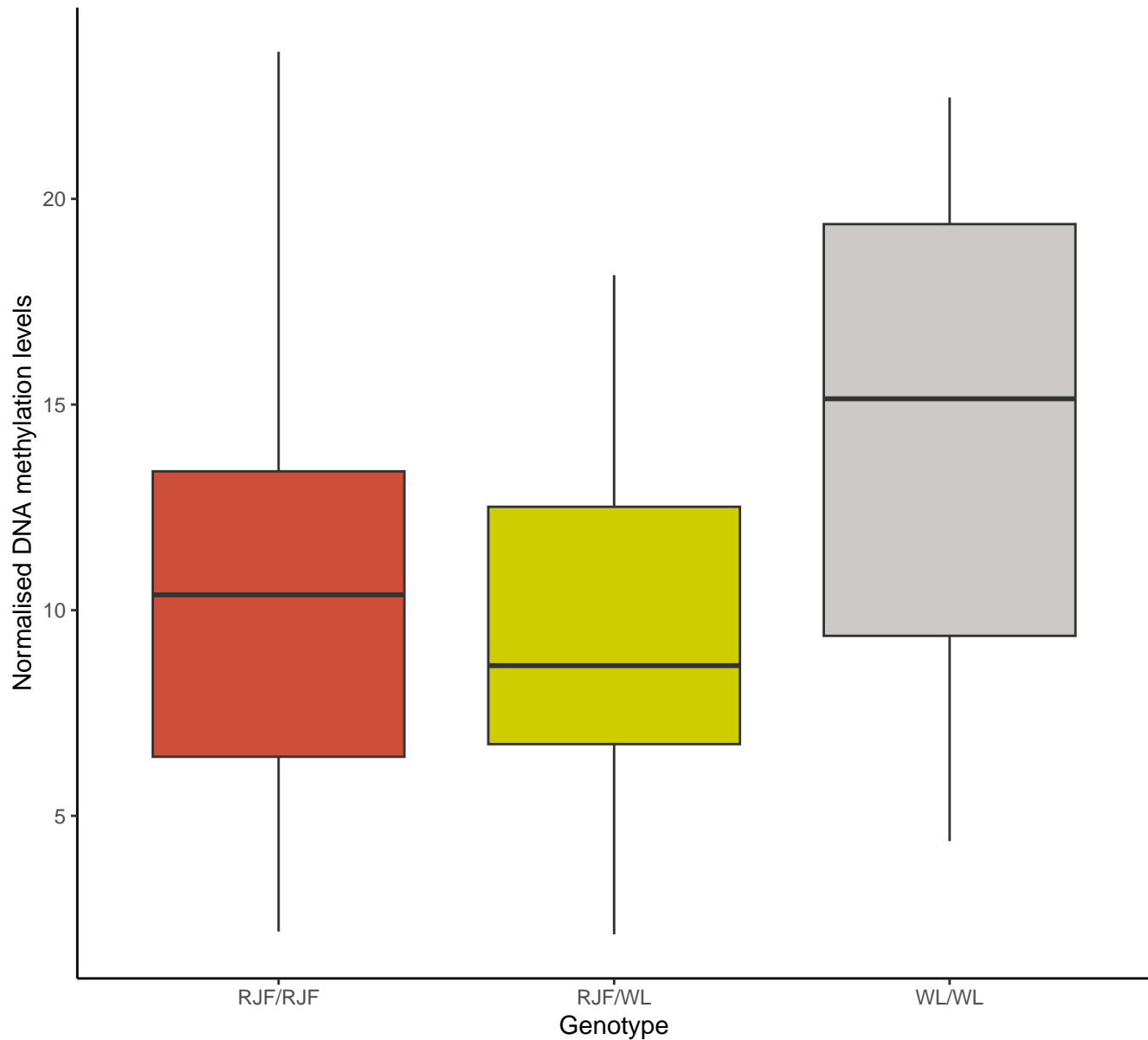
trans mQTL | chr21 @8.69cM | LOD: 5.93

Methbin: chrZ_21745000 | marker:GG_rs15181258

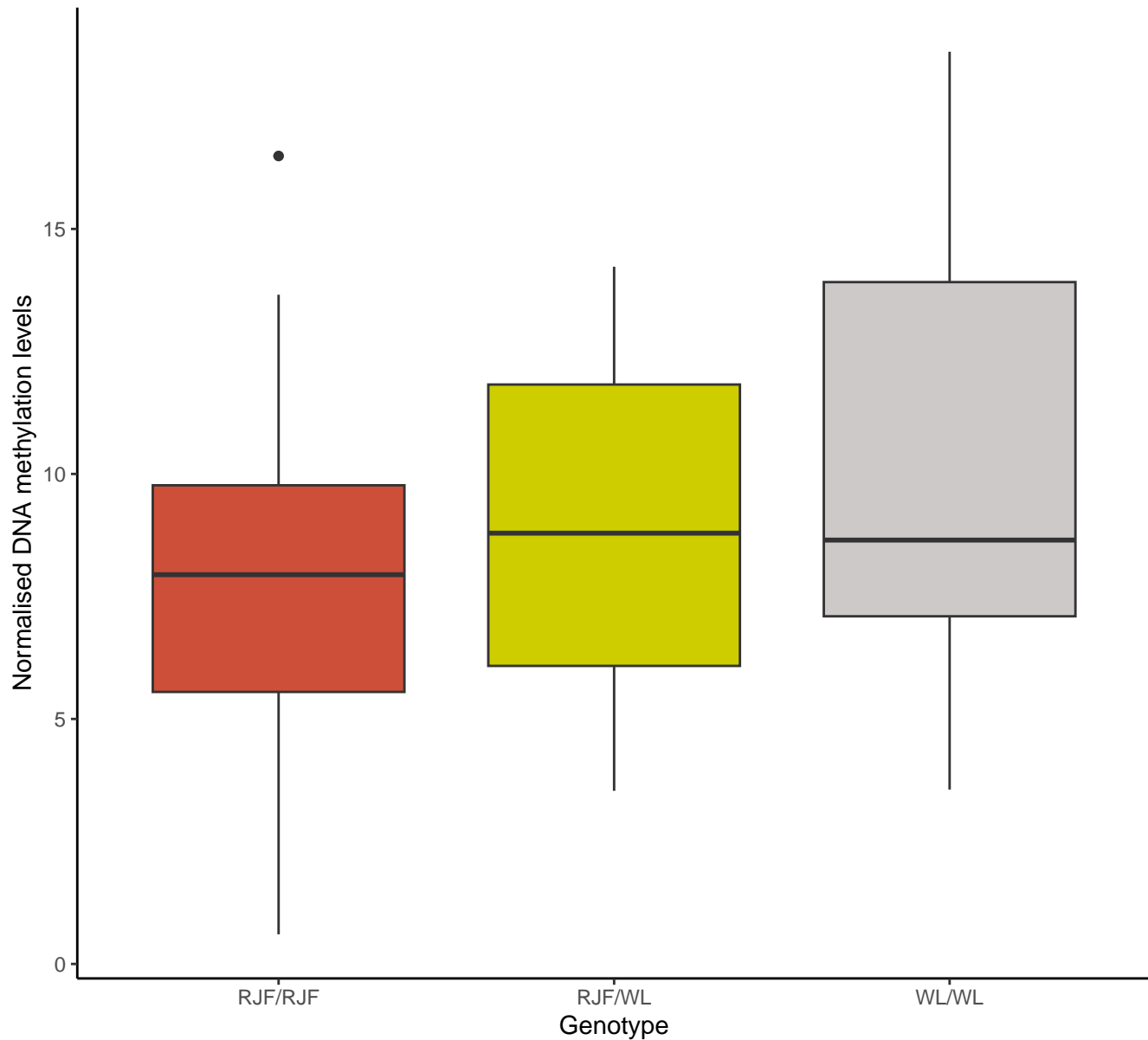
CI: chr21:0–60.3cM



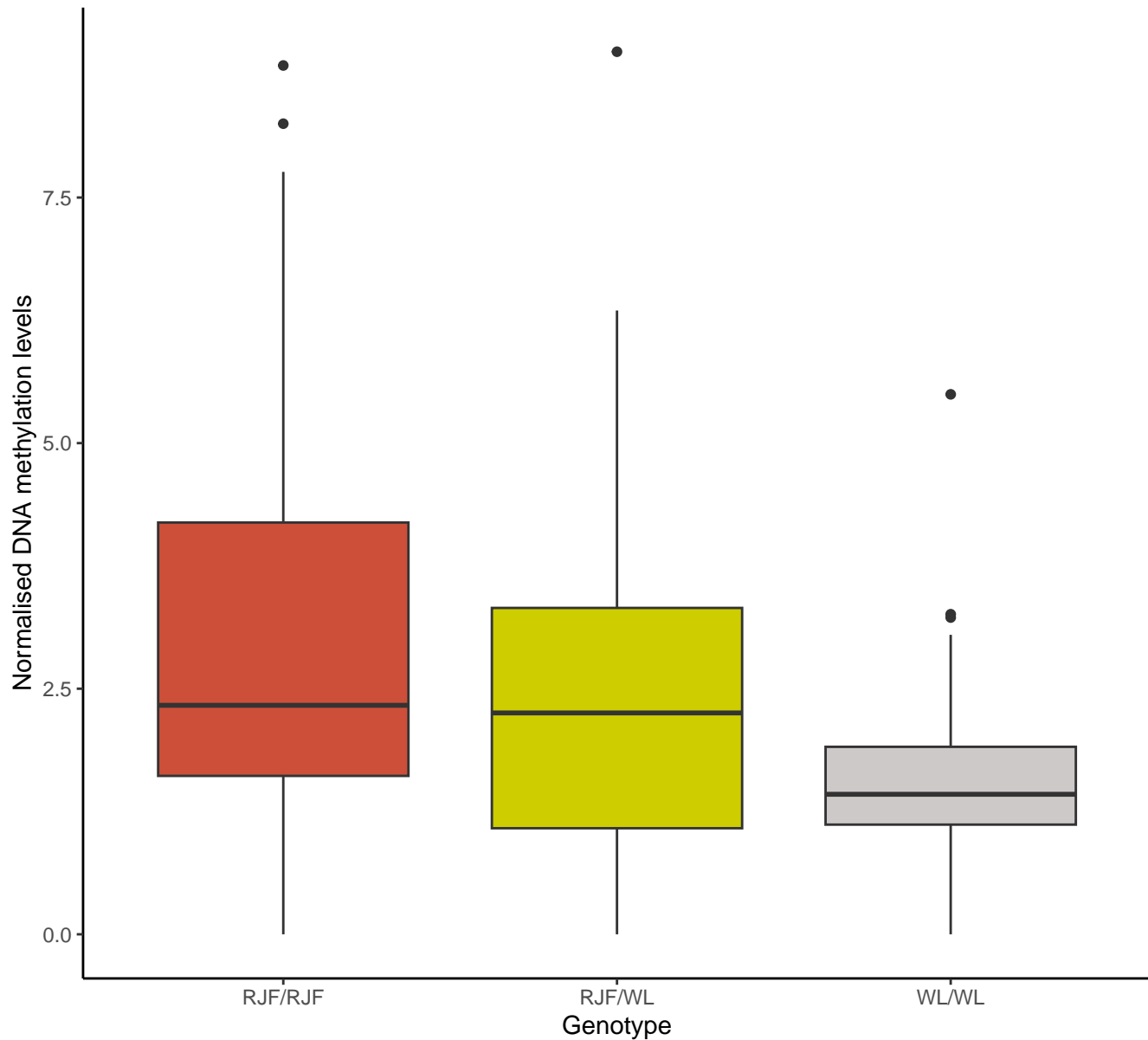
trans mQTL | chr2@288.45cM | LOD: 8.05
Methbin: chrZ_21777000 | marker:Gg_rs15078248
CI: chr2:225.48–347.93cM



trans mQTL | chr13@133.48cM | LOD: 7.05
Methbin: chrZ_21872000 | marker:Gg_rs14995644
CI: chr13:110.85–198.44cM



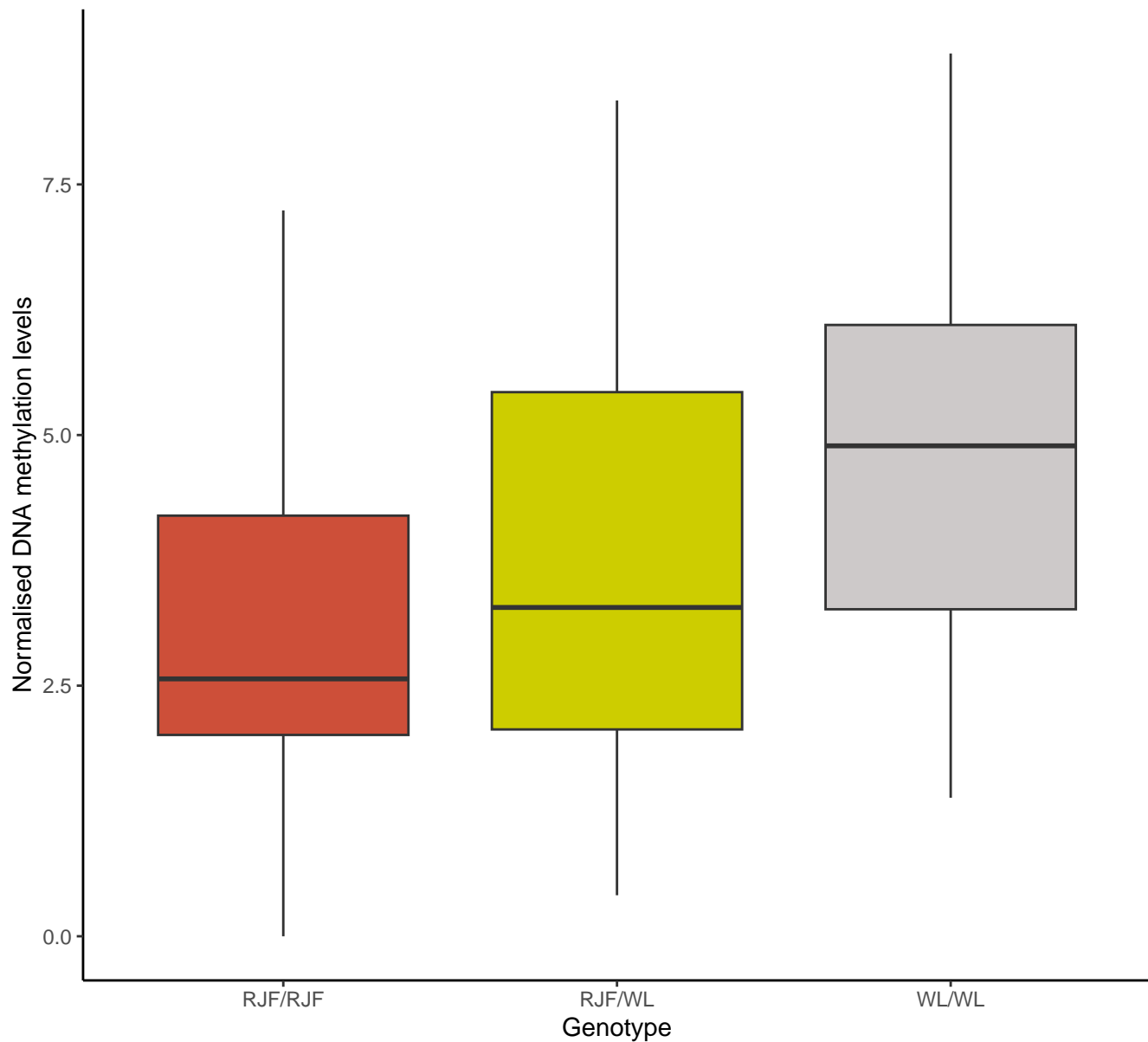
trans mQTL | chr9@35.47cM | LOD: 6.06
Methbin: chrZ_21924000 | marker:Gg_rs15966902
CI: chr9:7.75–40.23cM



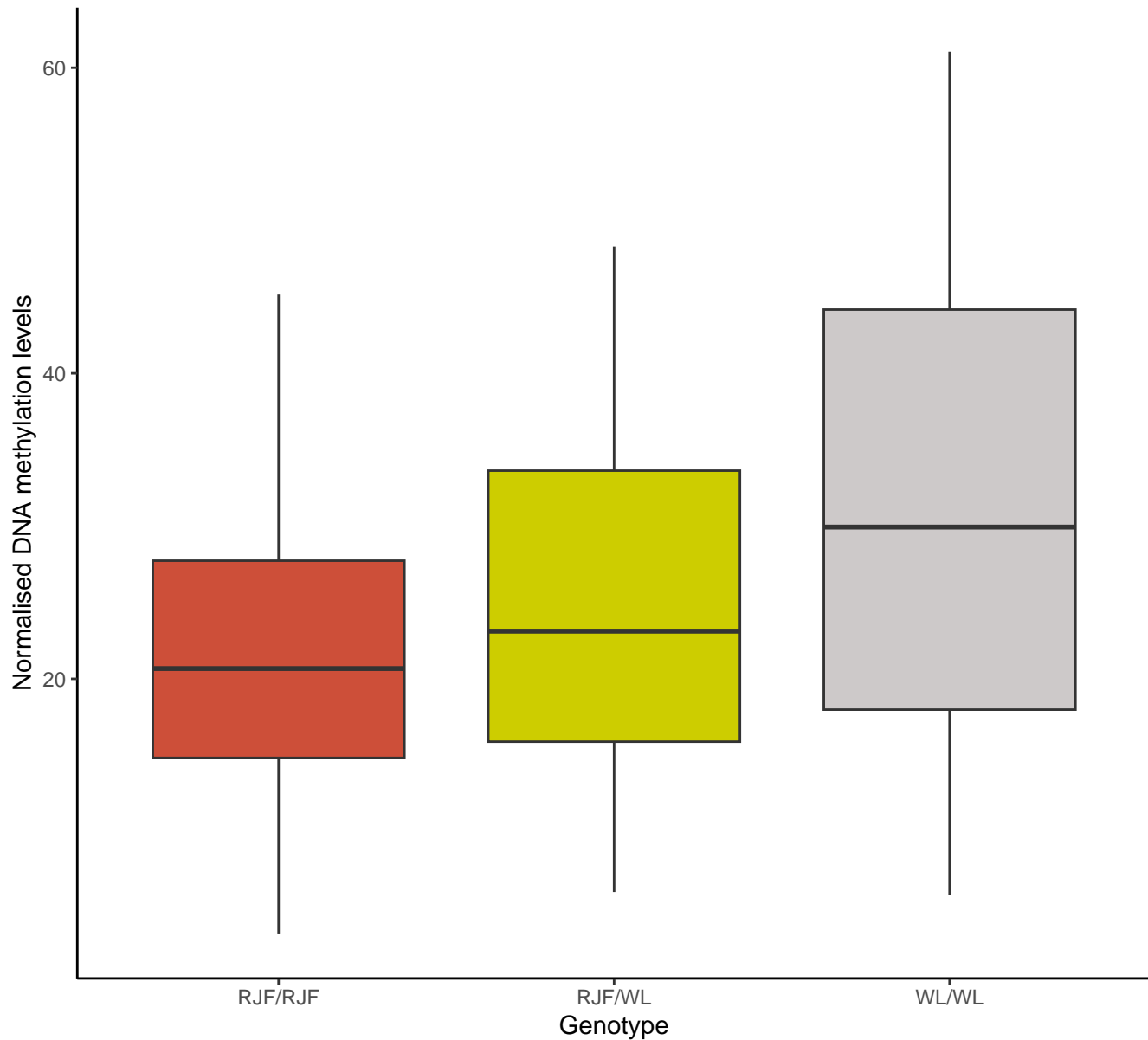
trans mQTL | chr11@137.22cM | LOD: 5.93

Methbin: chrZ_22084000 | marker:Gg_rs14966910

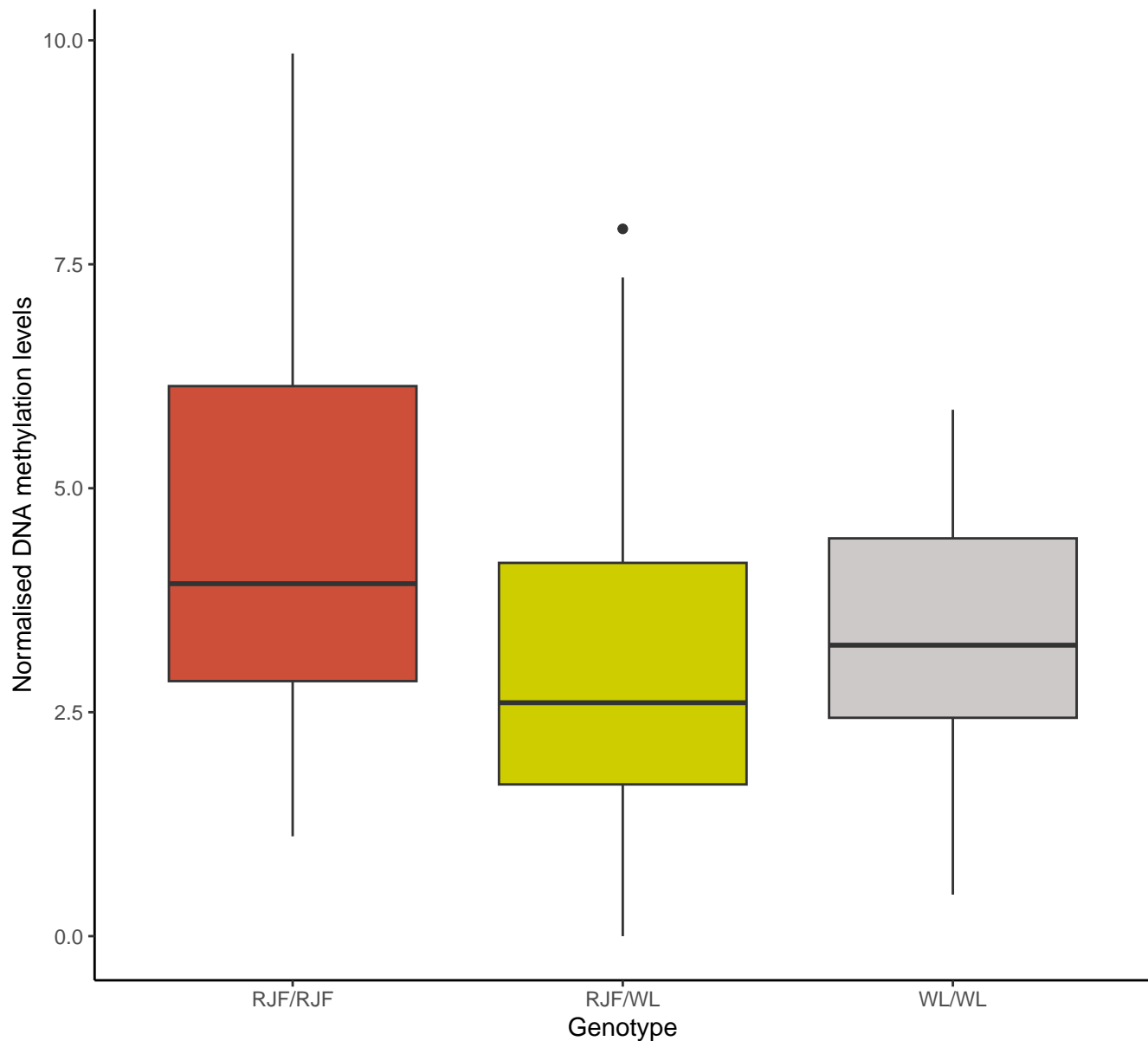
CI: chr11:125.47–189.14cM



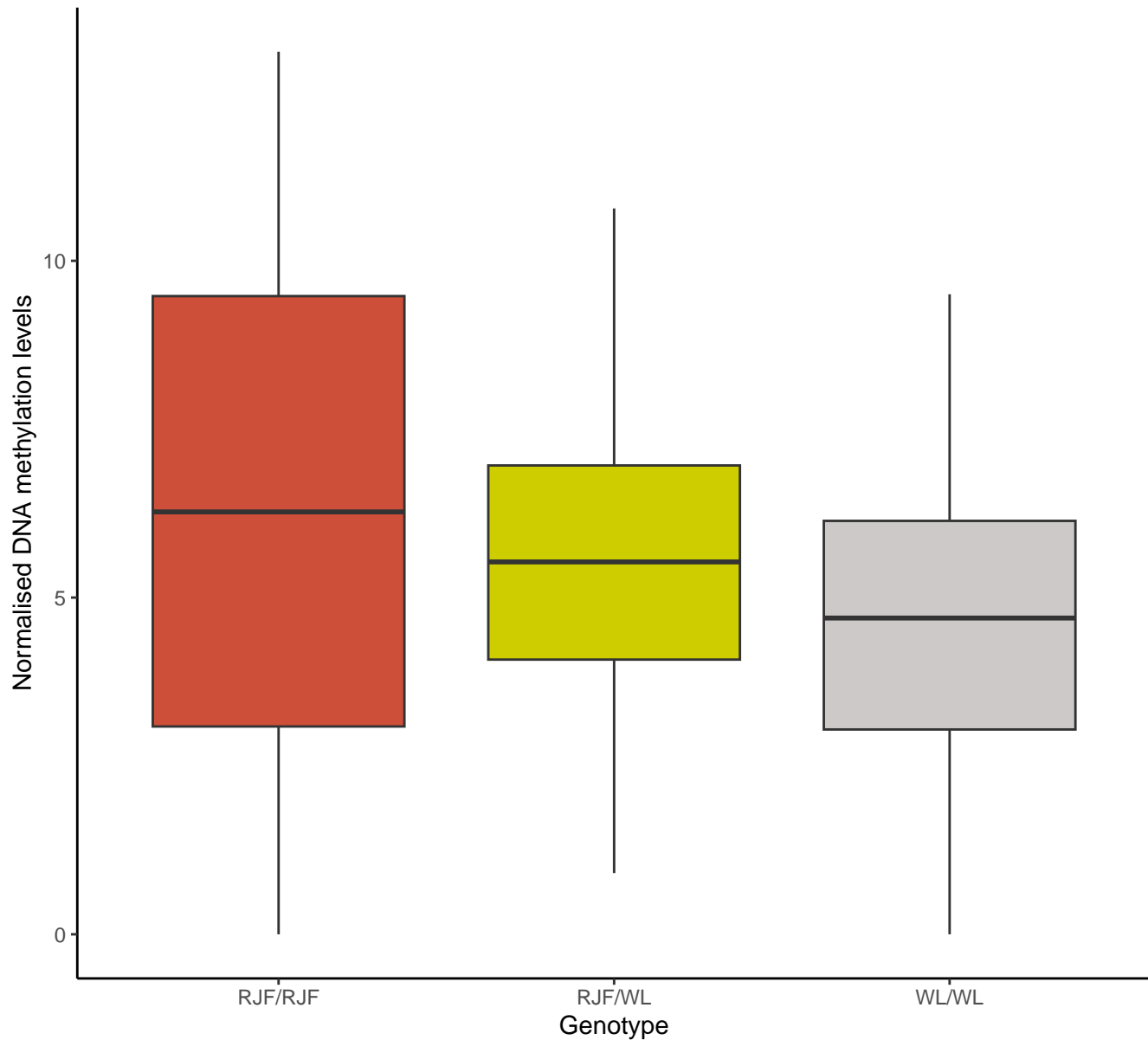
trans mQTL | chr3@219cM | LOD: 7.9
Methbin: chrZ_22338000 | marker:Gg_rs15282380
CI: chr3:181-270.84cM



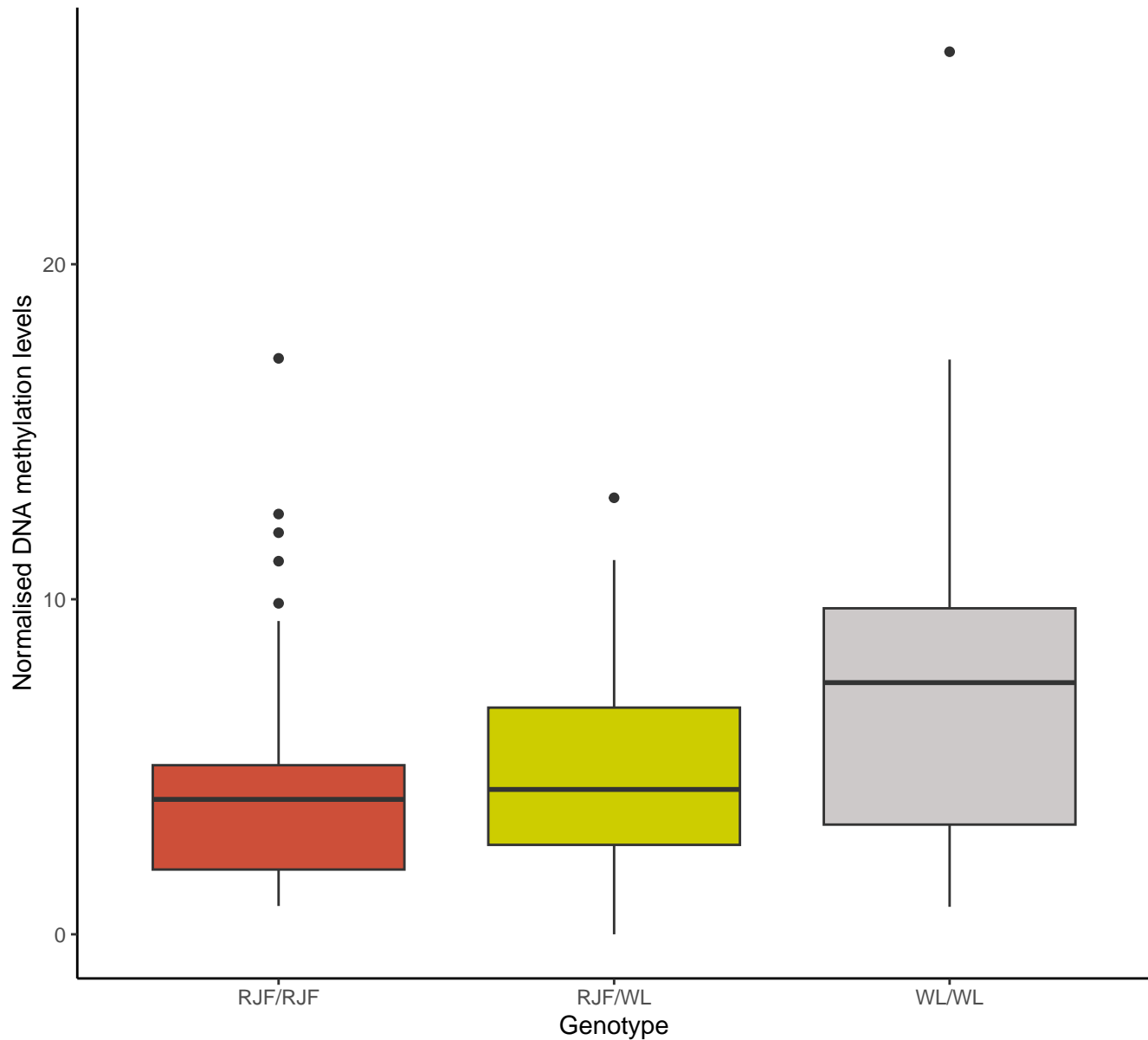
trans mQTL | chr3@578.5cM | LOD: 6.63
Methbin: chrZ_22494000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



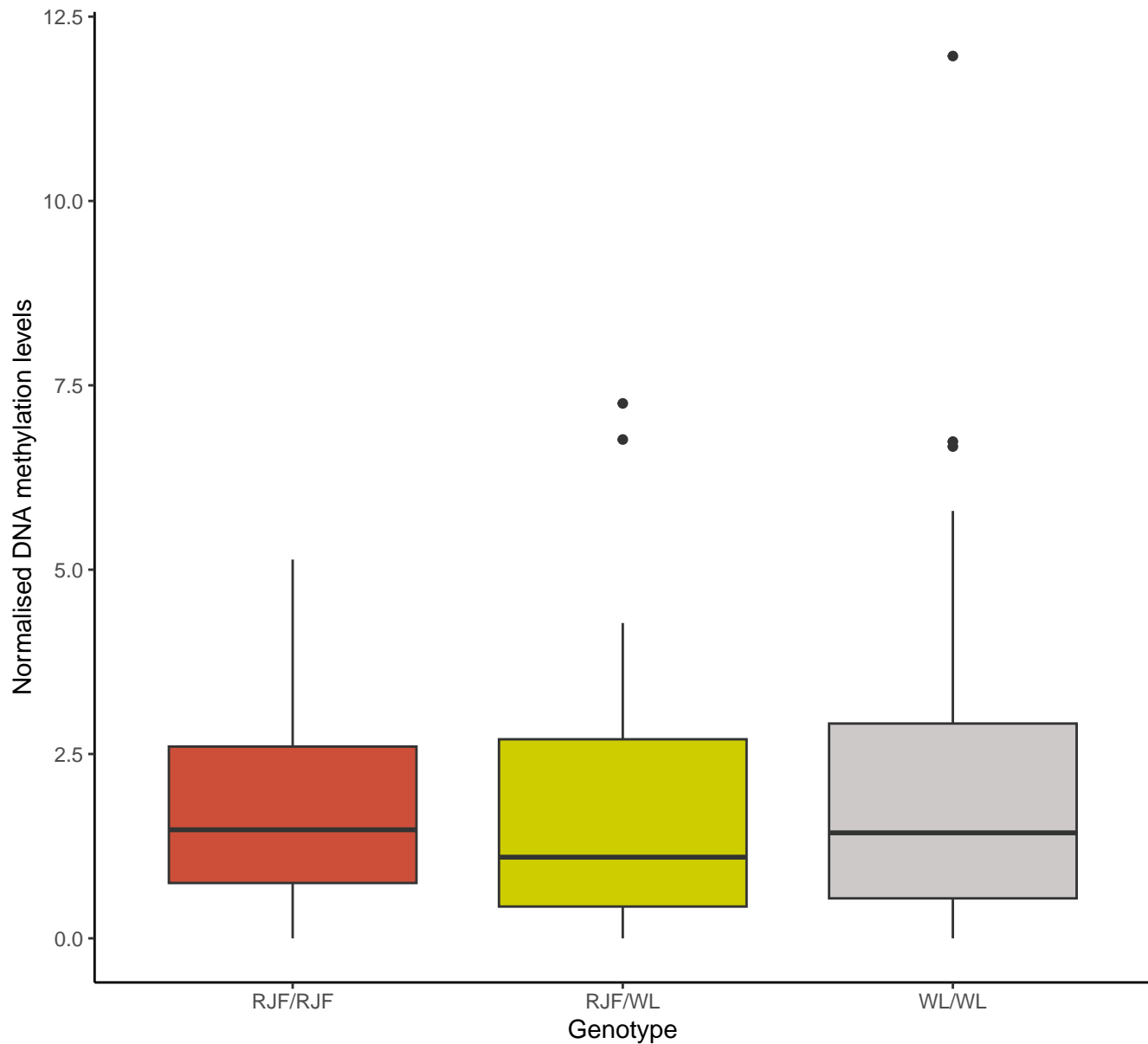
trans mQTL | chr9@7cM | LOD: 5.99
Methbin: chrZ_22623000 | marker:Gg_rs14660358
CI: chr9:0–35.47cM



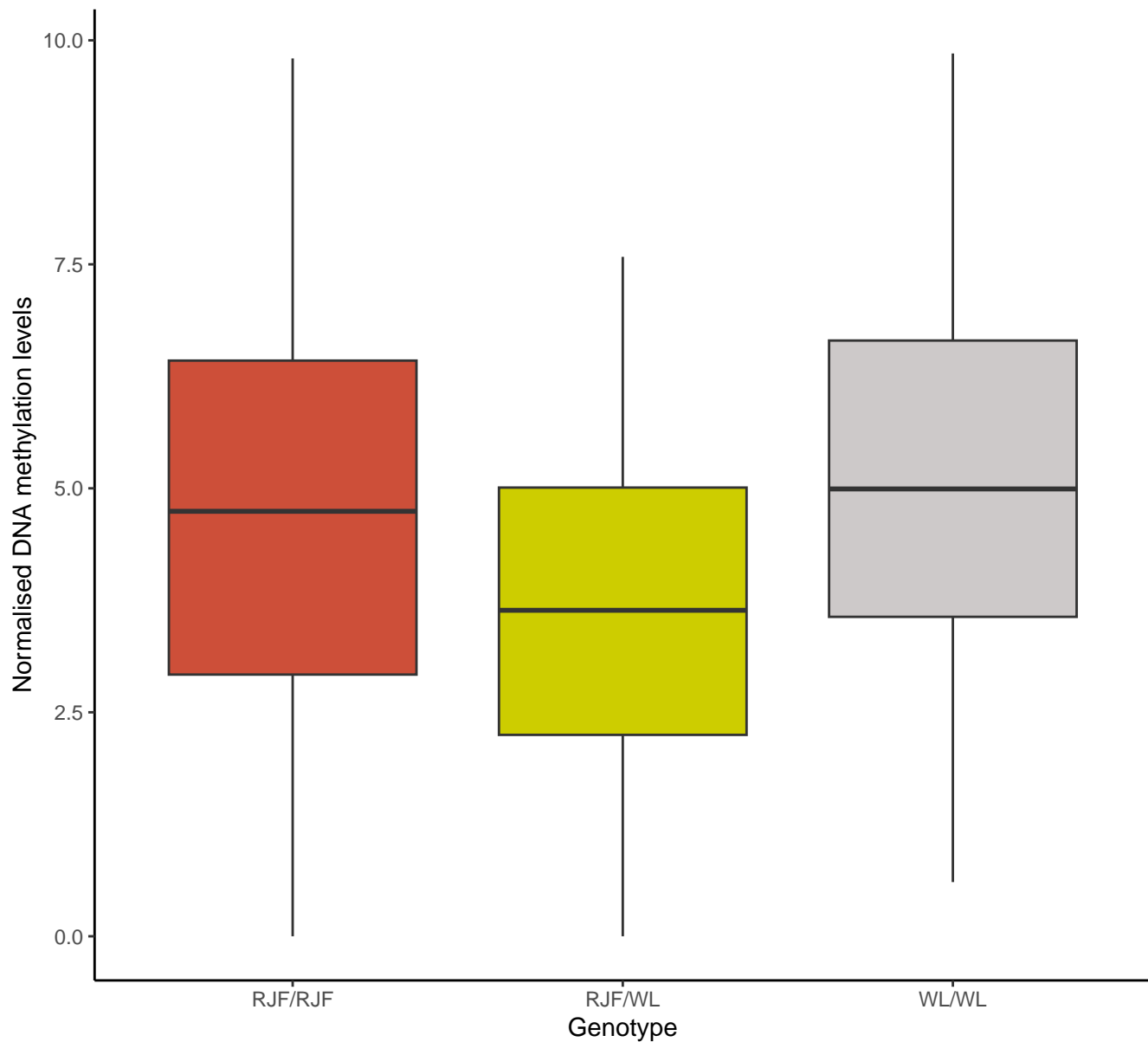
trans mQTL | chr3@219cM | LOD: 6.29
Methbin: chrZ_22703000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



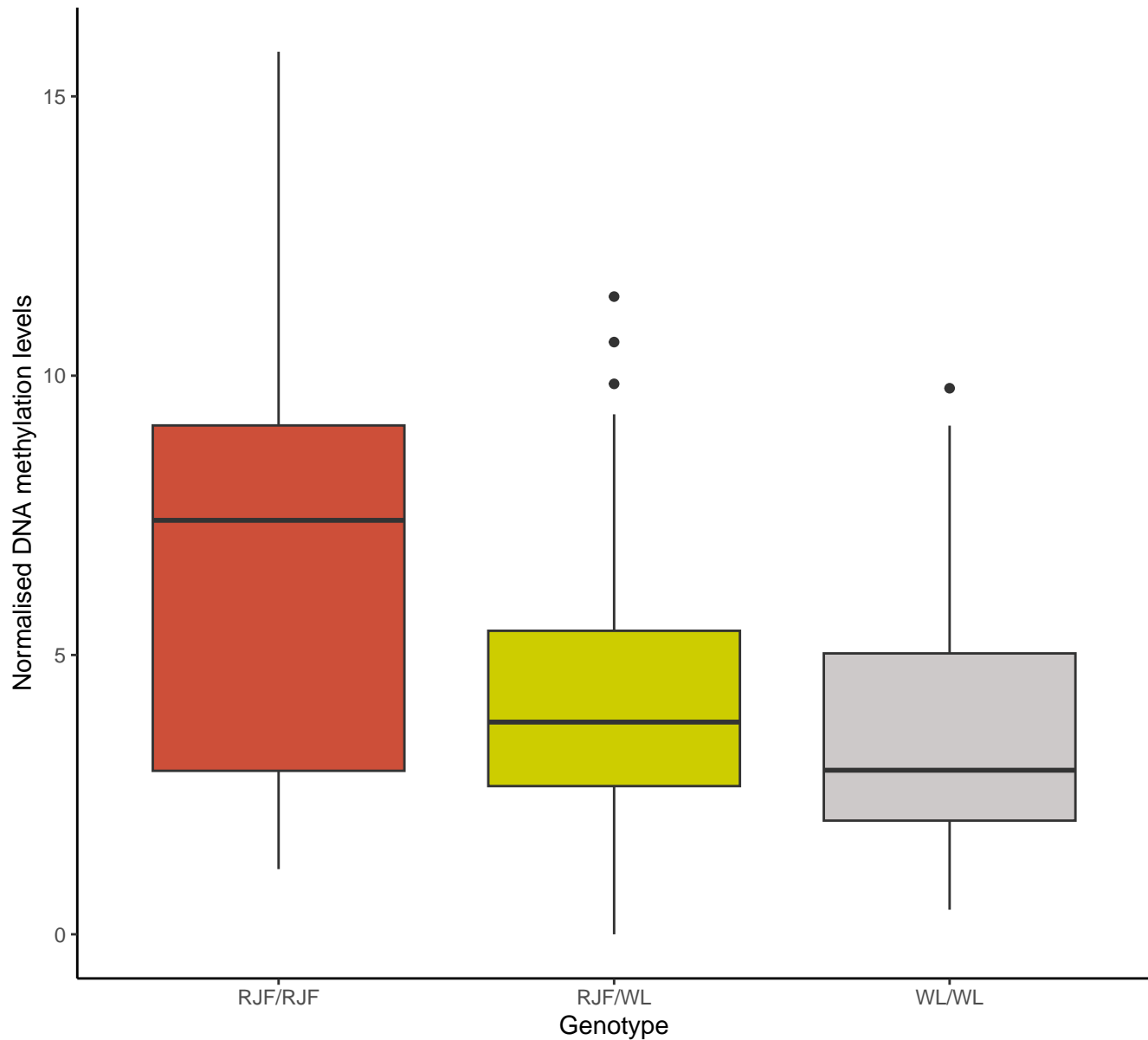
trans mQTL | chr4@0cM | LOD: 6.2
Methbin: chrZ_22823000 | marker:X4_1267185
CI: chr4:0–10.25cM



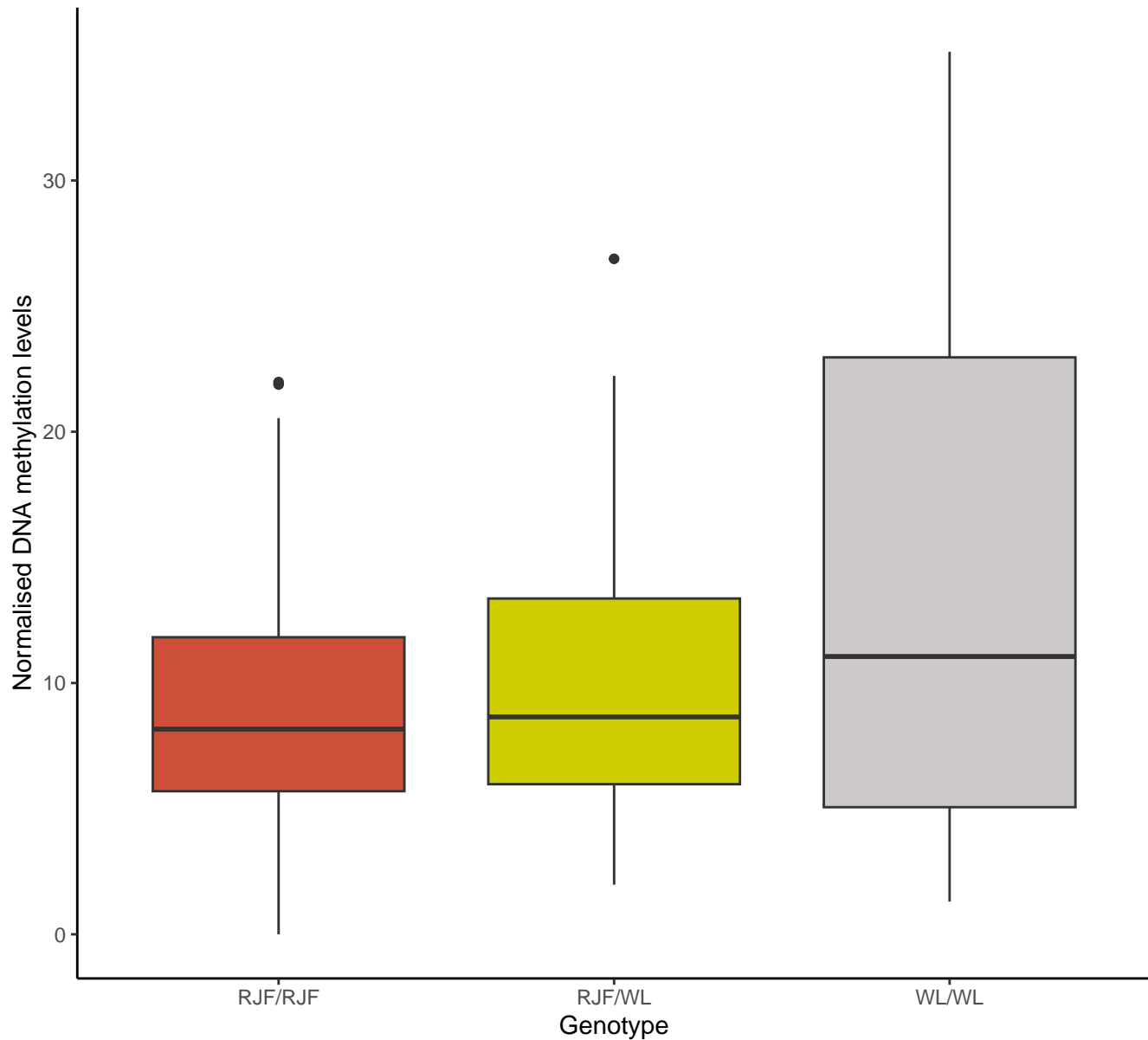
trans mQTL | chr2@584.26cM | LOD: 6.18
Methbin: chrZ_23013000 | marker:snp.20.141.70769.S.1
CI: chr2:574.4–590.98cM



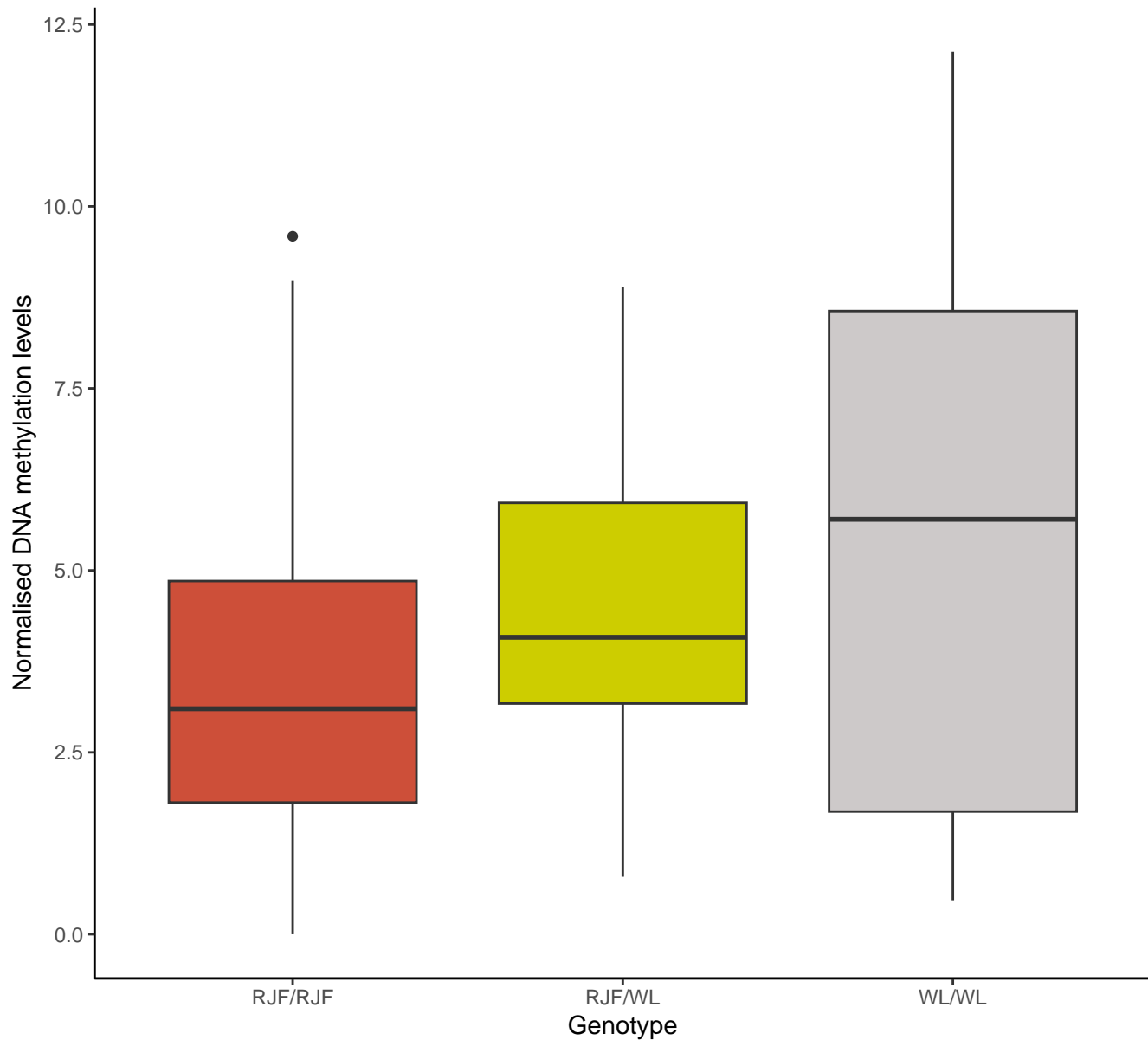
trans mQTL | chr12@58cM | LOD: 7.2
Methbin: chrZ_23273000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



trans mQTL | chr3@219cM | LOD: 6.66
Methbin: chrZ_23573000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



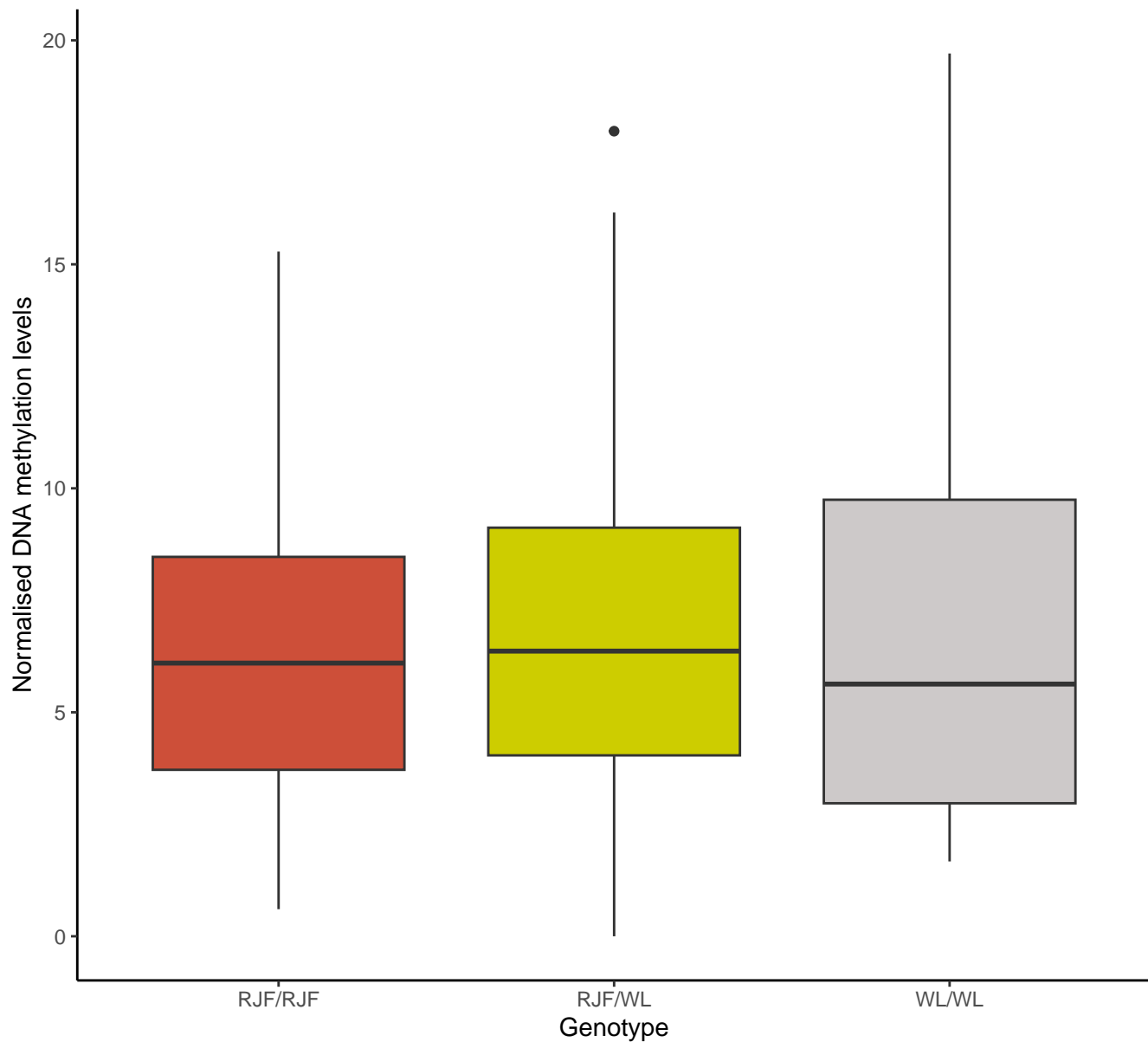
trans mQTL | chr3@219cM | LOD: 7.54
Methbin: chrZ_23689000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr4@10.25cM | LOD: 6.14

Methbin: chrZ_23705000 | marker:Gg_rs13546113

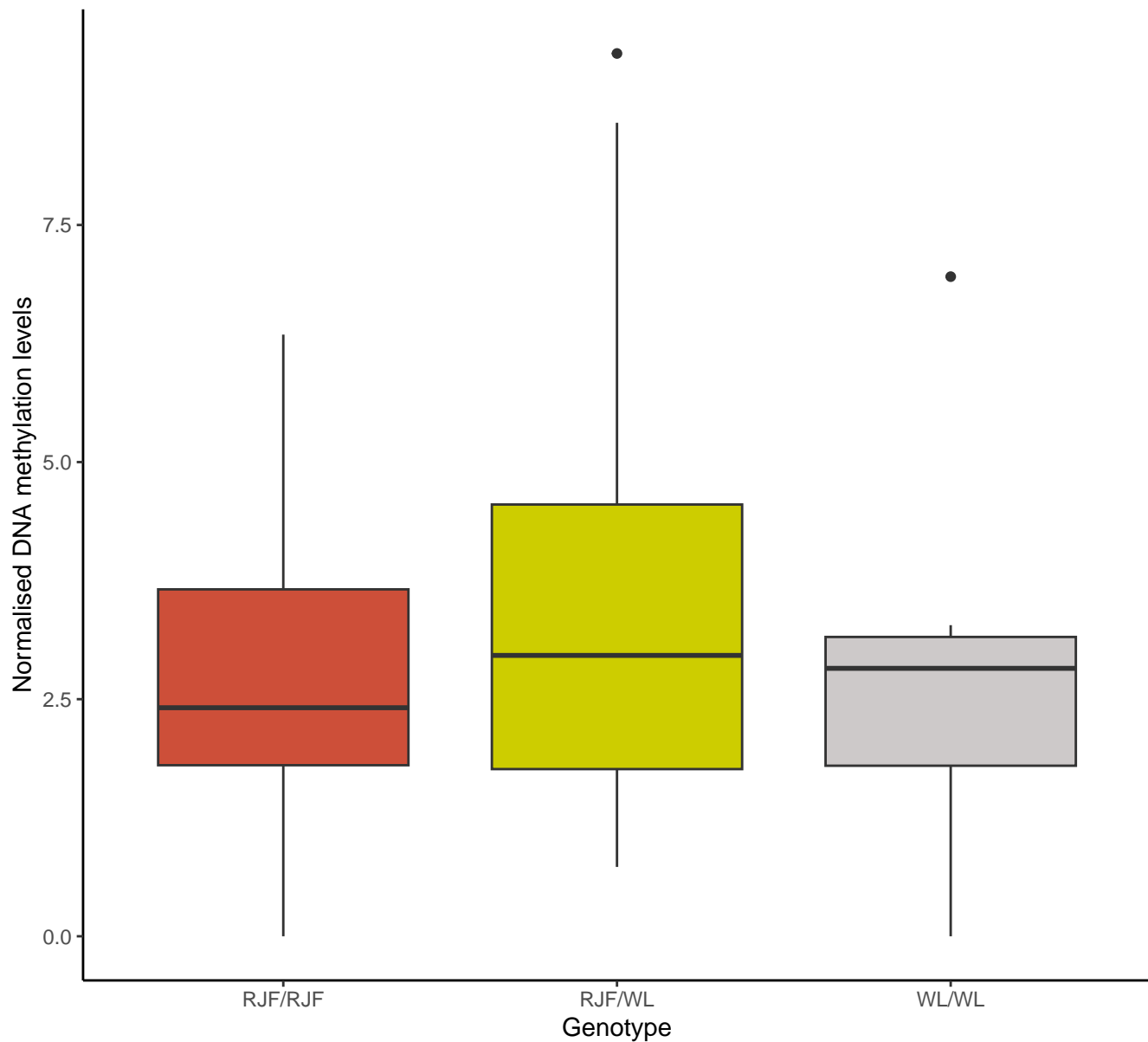
CI: chr4:0–29.52cM



trans mQTL | chr1@1688.09cM | LOD: 6.42

Methbin: chrZ_23706000 | marker:snp.146.19.59713.S.2

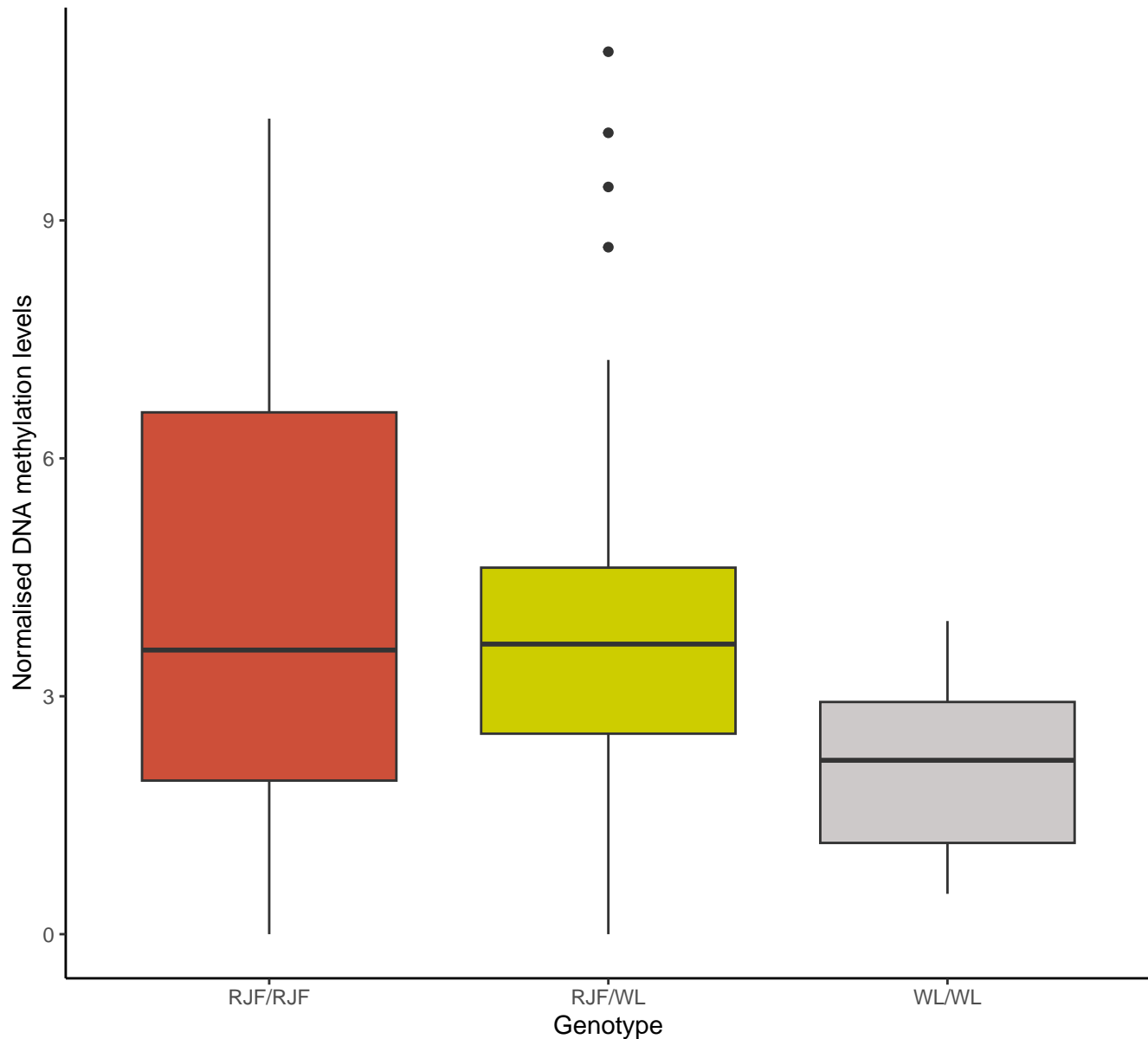
CI: chr1:1625.53–1728.49cM



trans mQTL | chr8@100.5cM | LOD: 6.79

Methbin: chrZ_23928000 | marker:Gg_rs15919945

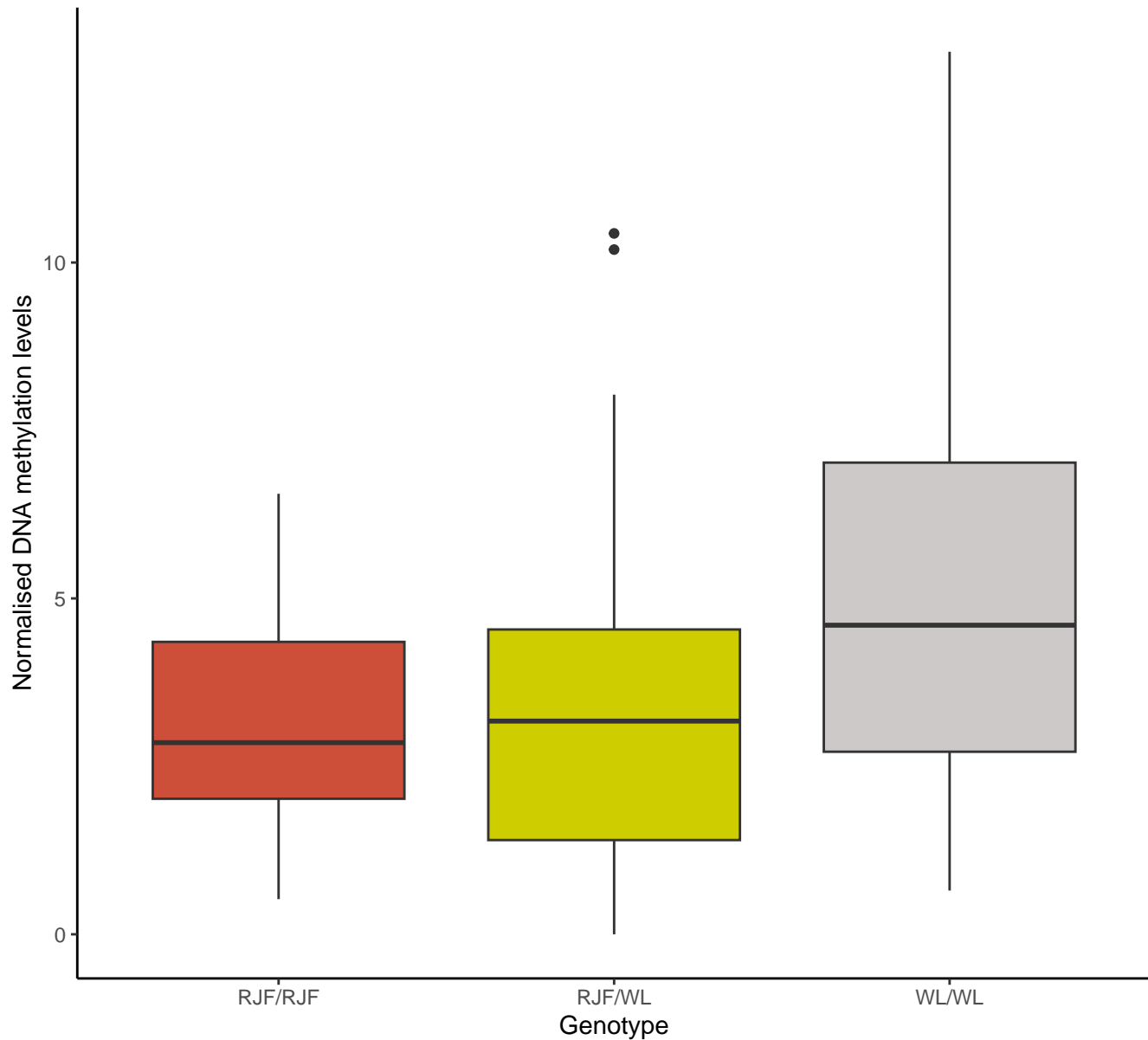
CI: chr8:91.83–138.8cM



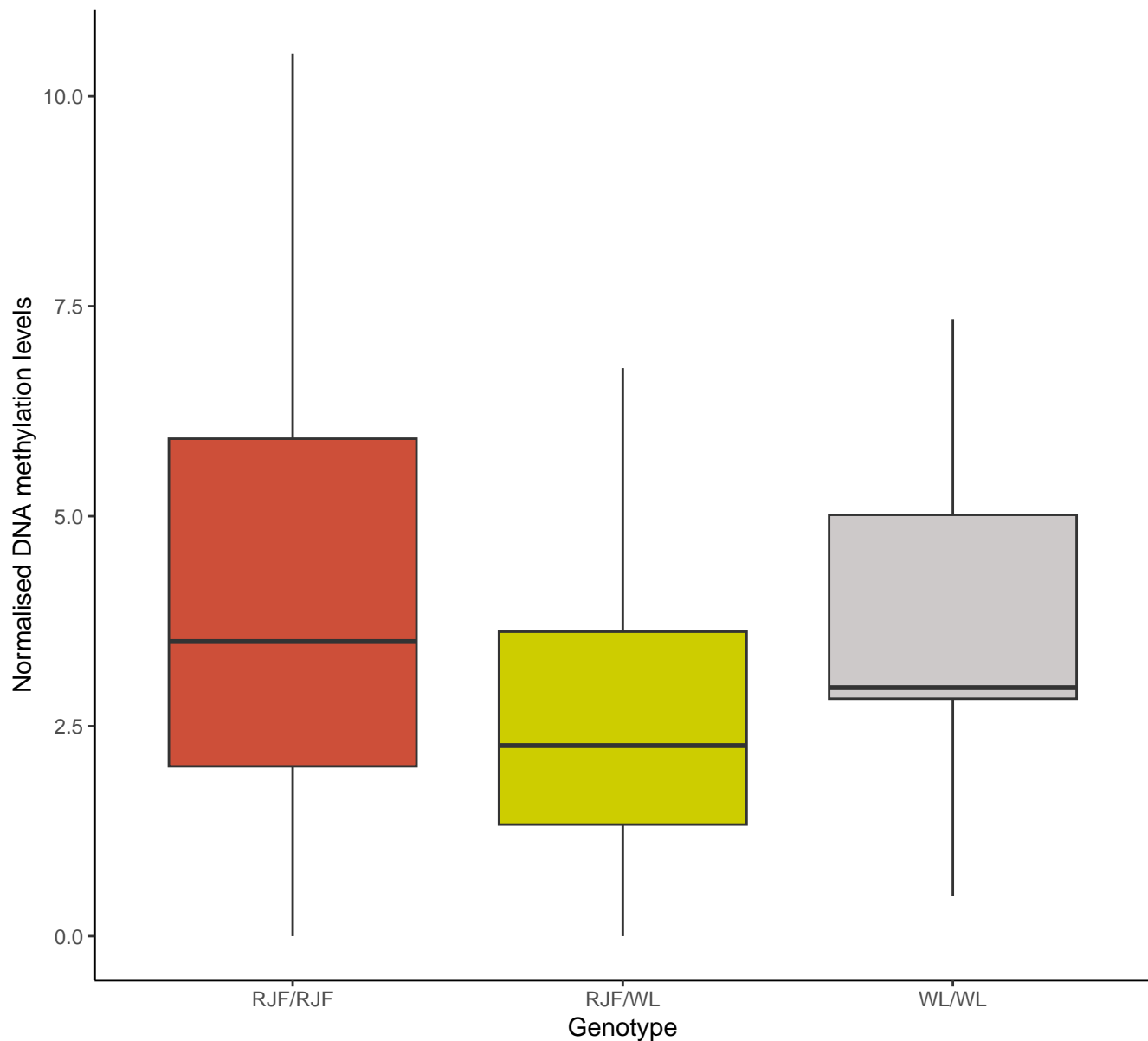
trans mQTL | chr2@98cM | LOD: 5.94

Methbin: chrZ_24181000 | marker:Gg_rs15060526

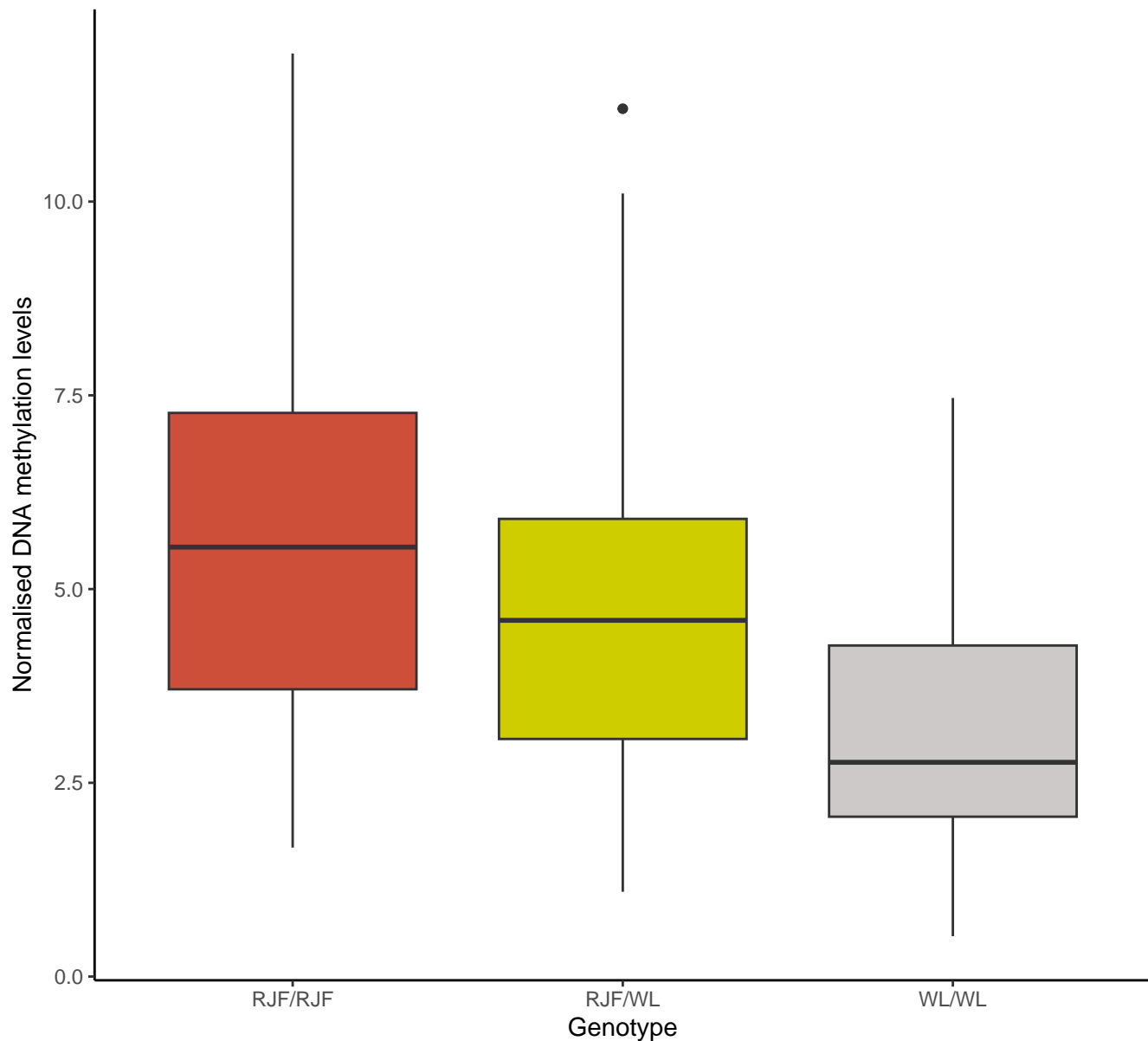
CI: chr2:41.4–145.68cM



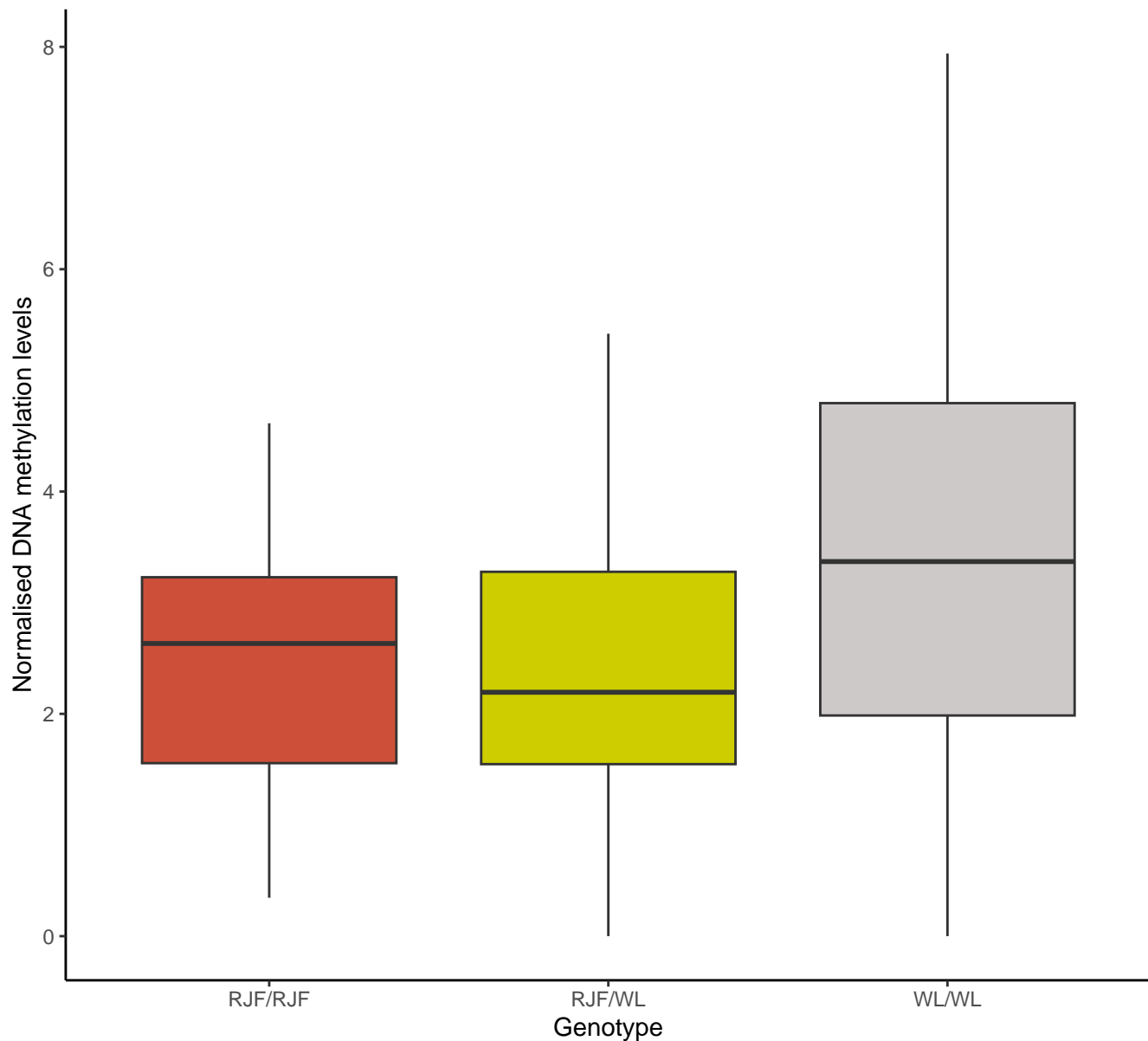
trans mQTL | chr3@573cM | LOD: 6.27
Methbin: chrZ_24184000 | marker:Gg_rs14386273
CI: chr3:557.74–610.92cM



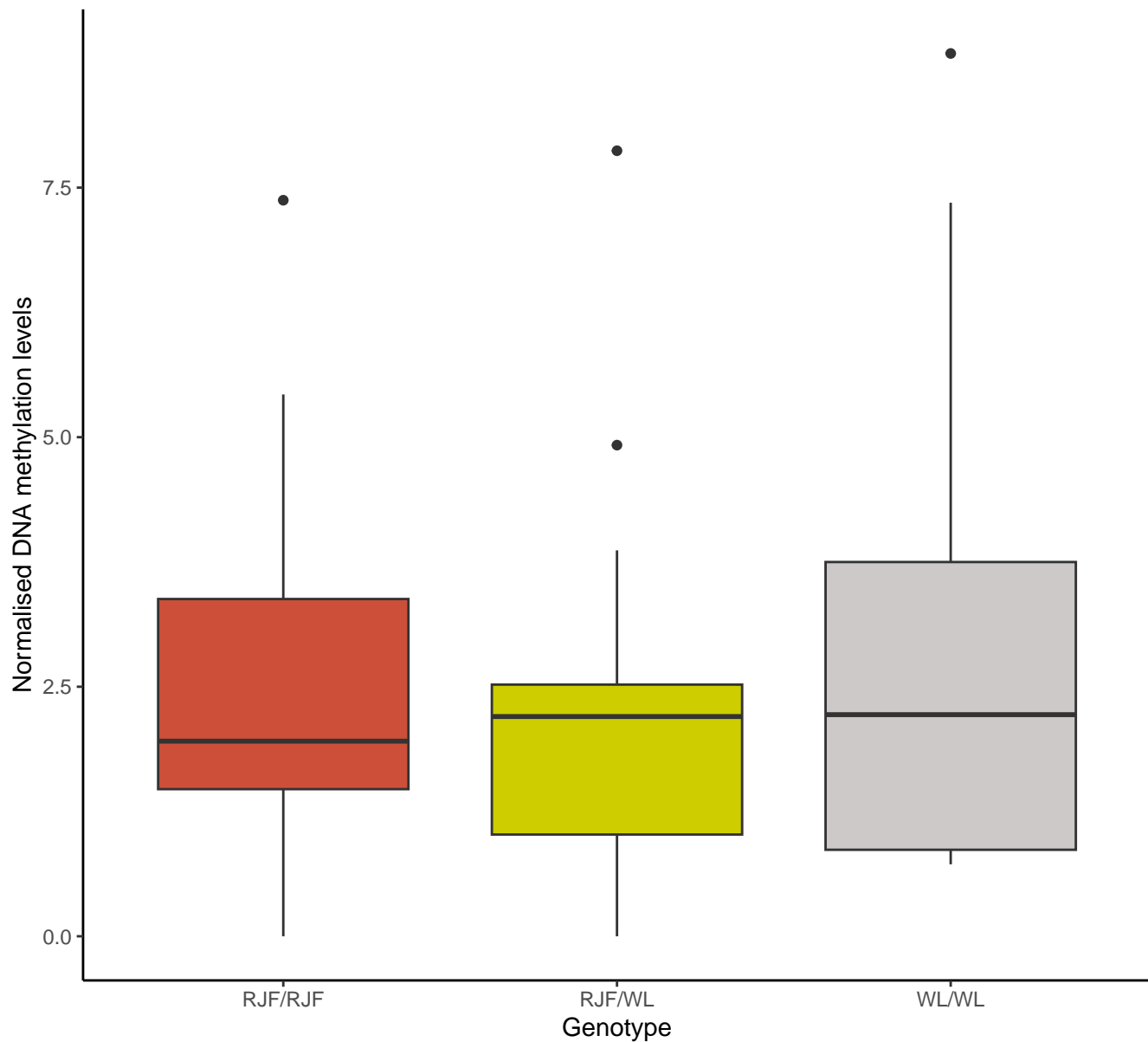
trans mQTL | chr1@1410.84cM | LOD: 6.57
Methbin: chrZ_24334000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



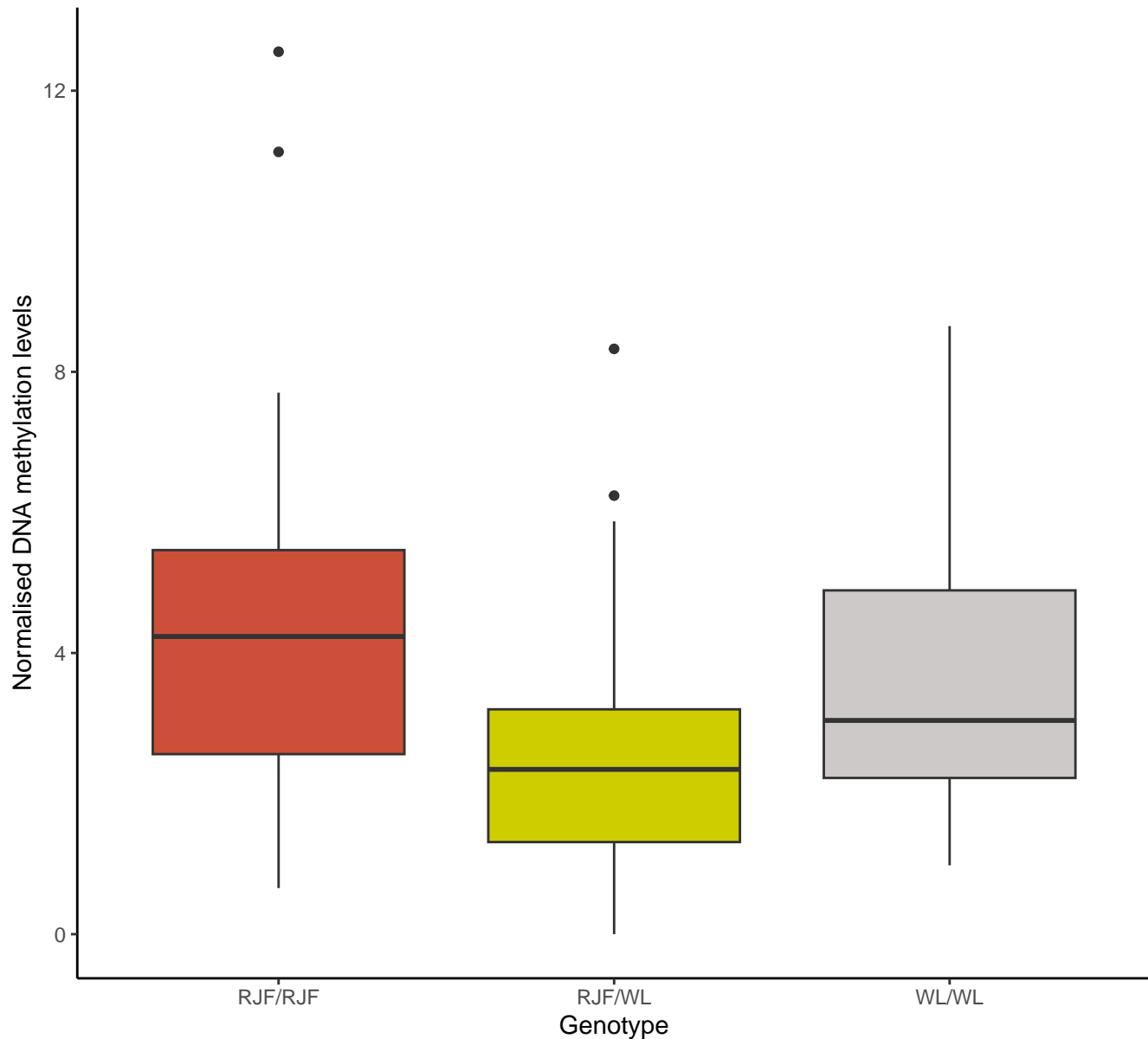
trans mQTL | chr26@120.25cM | LOD: 5.97
Methbin: chrZ_24482000 | marker:Gg_rs13606603
CI: chr26:90.95–140.9cM



trans mQTL | chr4@0cM | LOD: 6.06
Methbin: chrZ_24495000 | marker:X4_1267185
CI: chr4:0–10.25cM



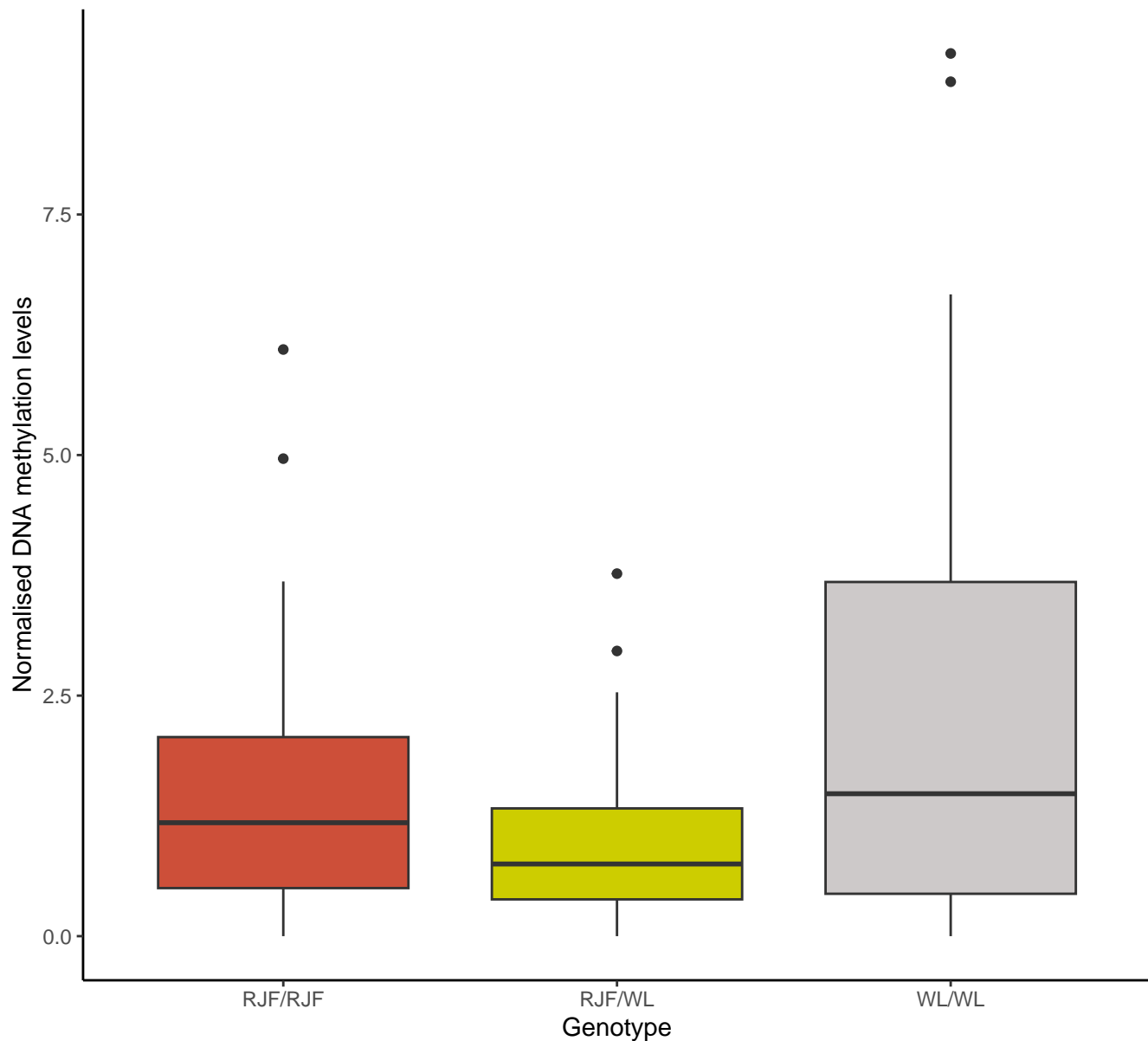
trans mQTL | chr3@578.5cM | LOD: 6.35
Methbin: chrZ_24600000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



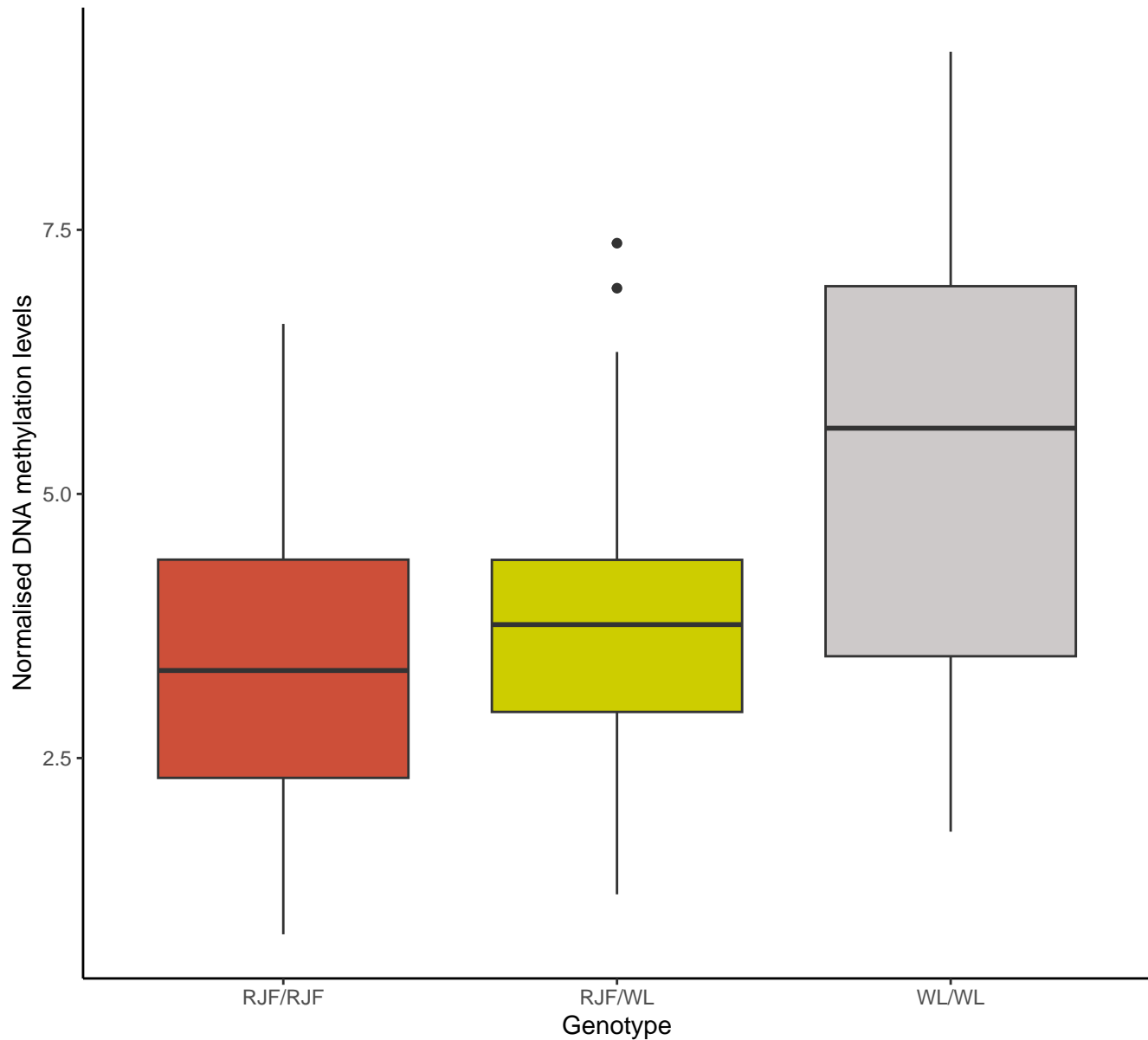
trans mQTL | chr6@106cM | LOD: 7.45

Methbin: chrZ_25092000 | marker:Gg_rs14568888

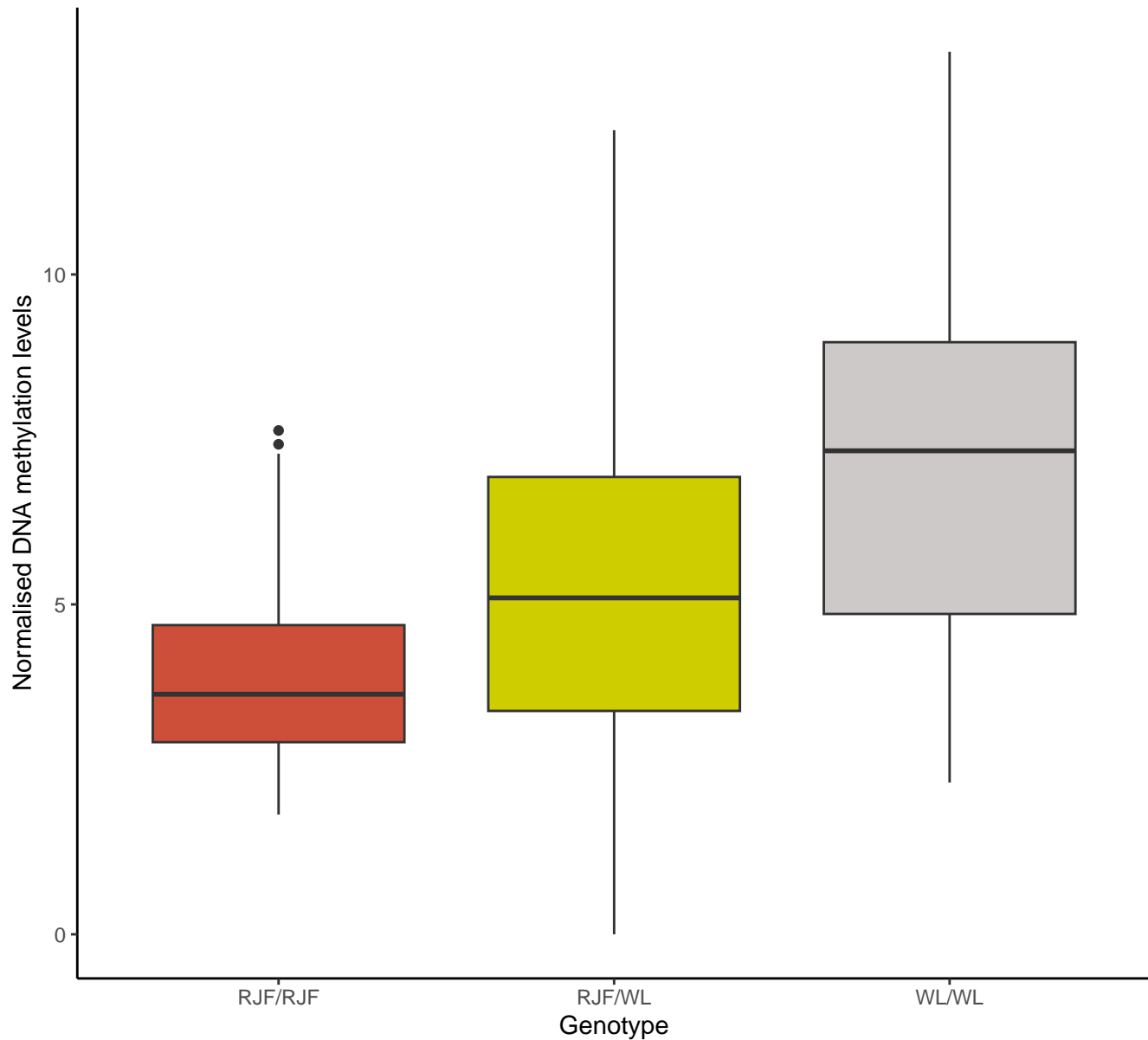
CI: chr6:86.33–112.27cM



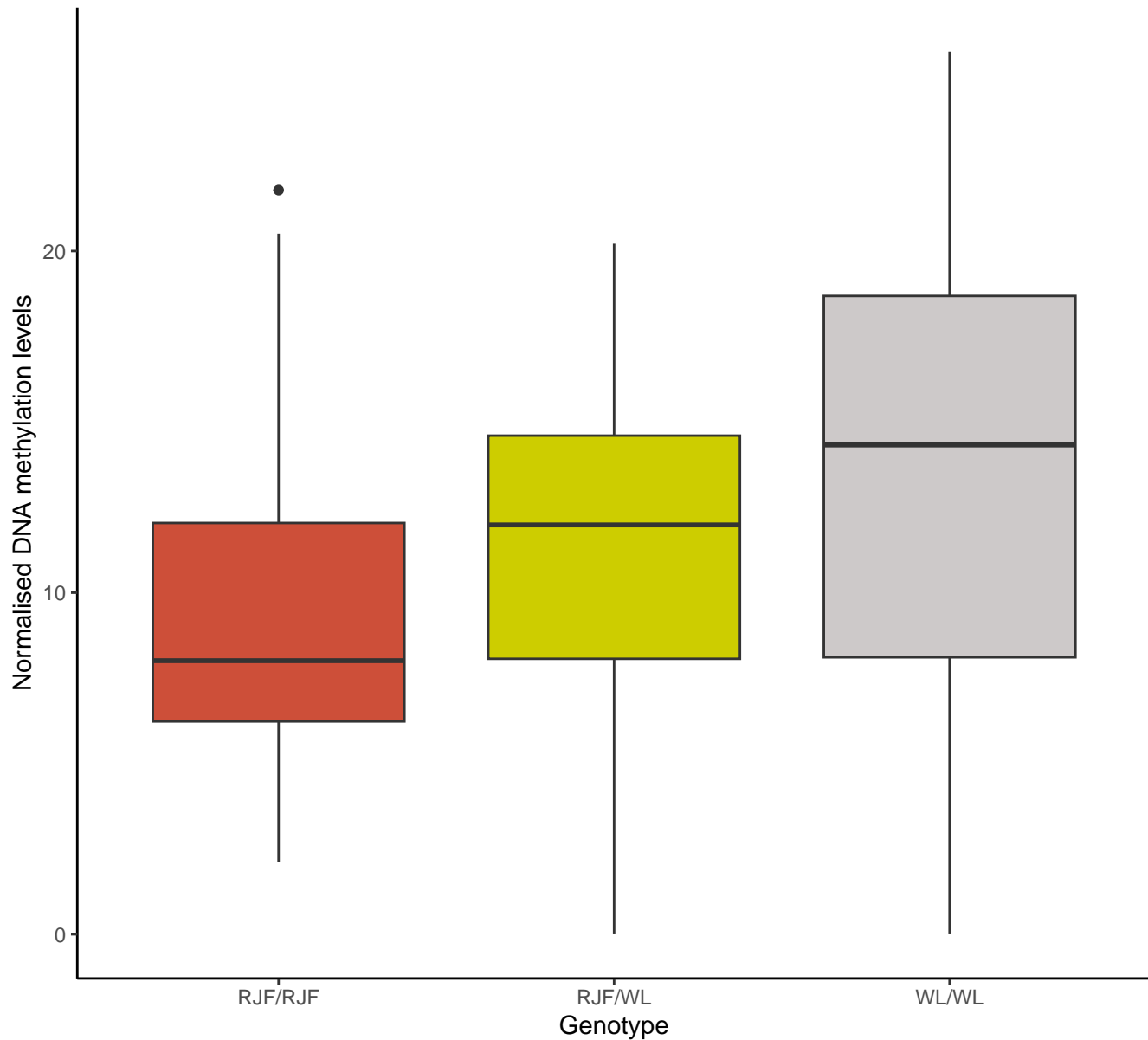
trans mQTL | chr1@2094.51cM | LOD: 6.66
Methbin: chrZ_25123000 | marker:X1_185988681
CI: chr1:2078.36–2210.81cM



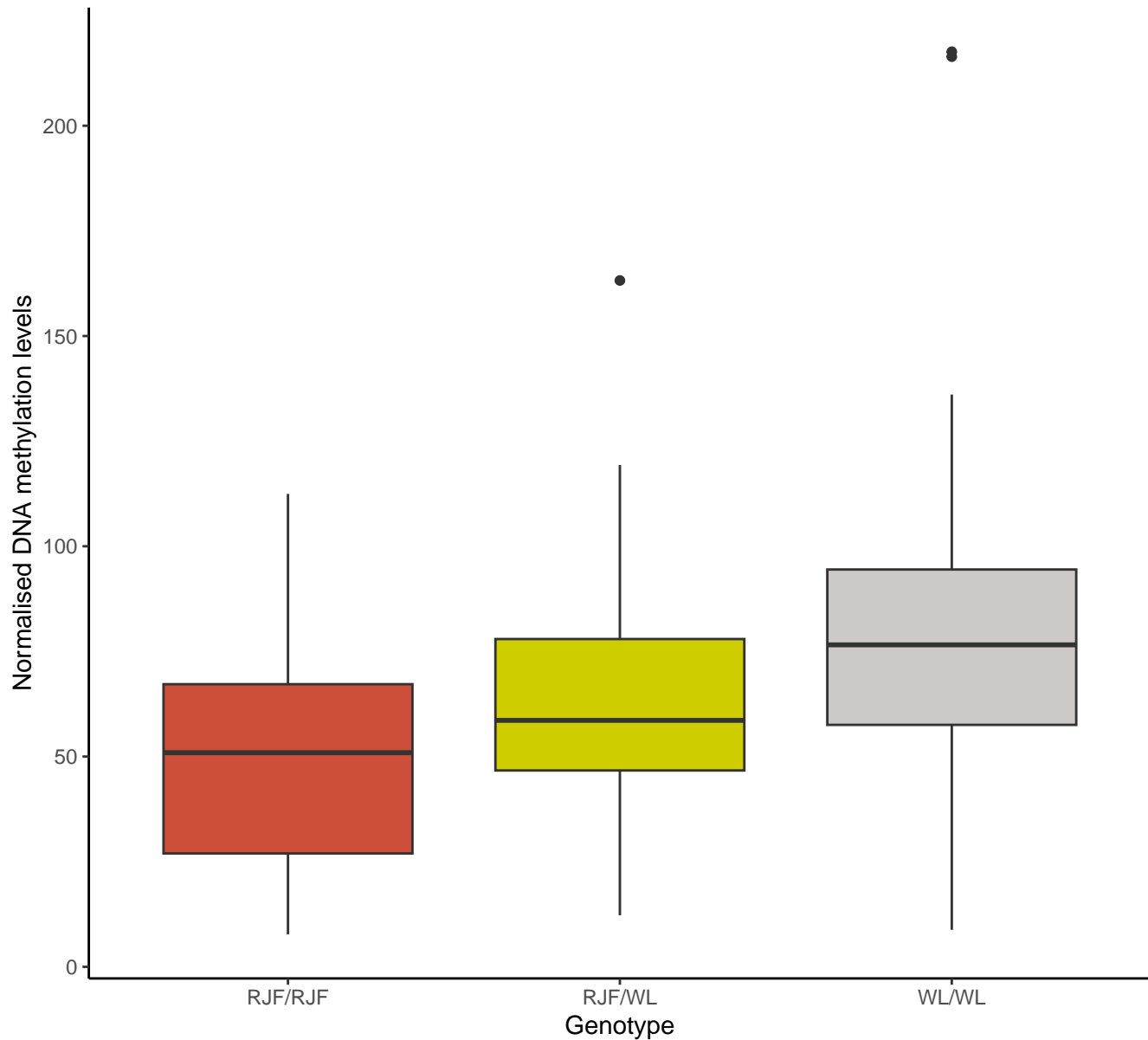
trans mQTL | chr28@131.36cM | LOD: 7.13
Methbin: chrZ_25490000 | marker:Gg_rs15252823
CI: chr28:107.33–131.36cM



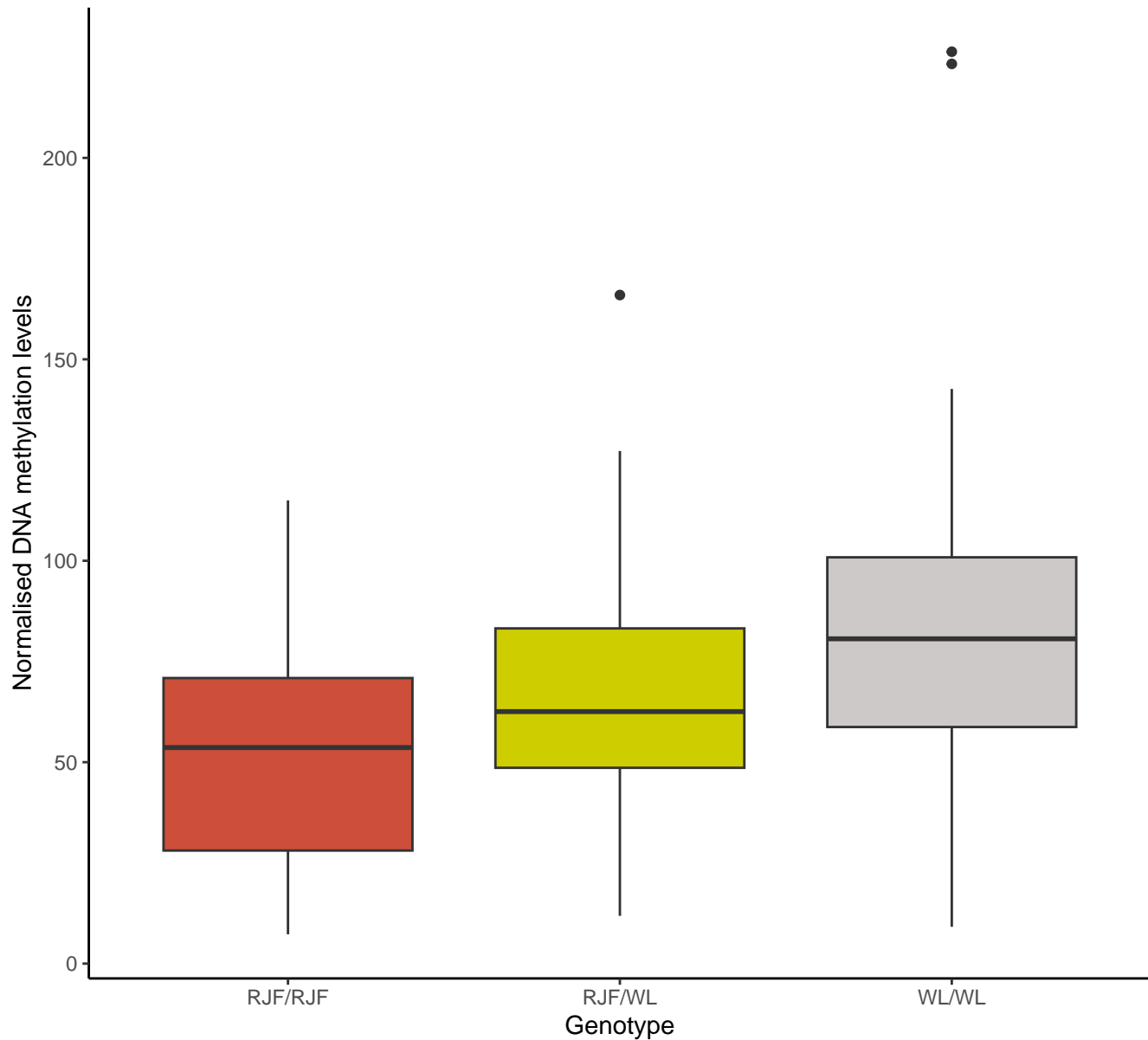
trans mQTL | chr9@120.42cM | LOD: 6.19
Methbin: chrZ_25492000 | marker:Gg_rs13608395
CI: chr9:117.55–145.29cM



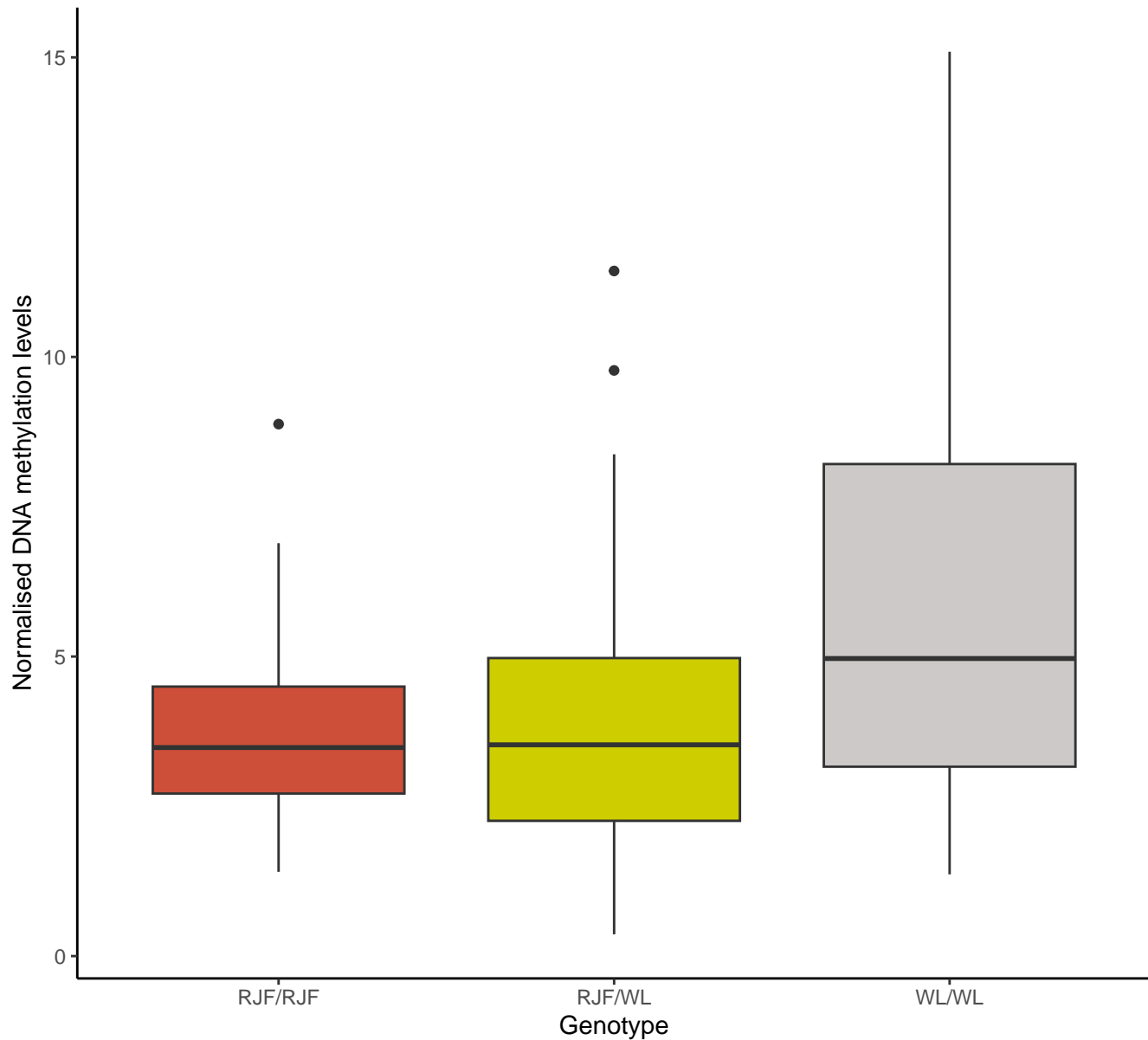
trans mQTL | chr1 @ 1625.53cM | LOD: 6.25
Methbin: chrZ_25671000 | marker:Gg_rs14877932
CI: chr1:269.61–1688.09cM



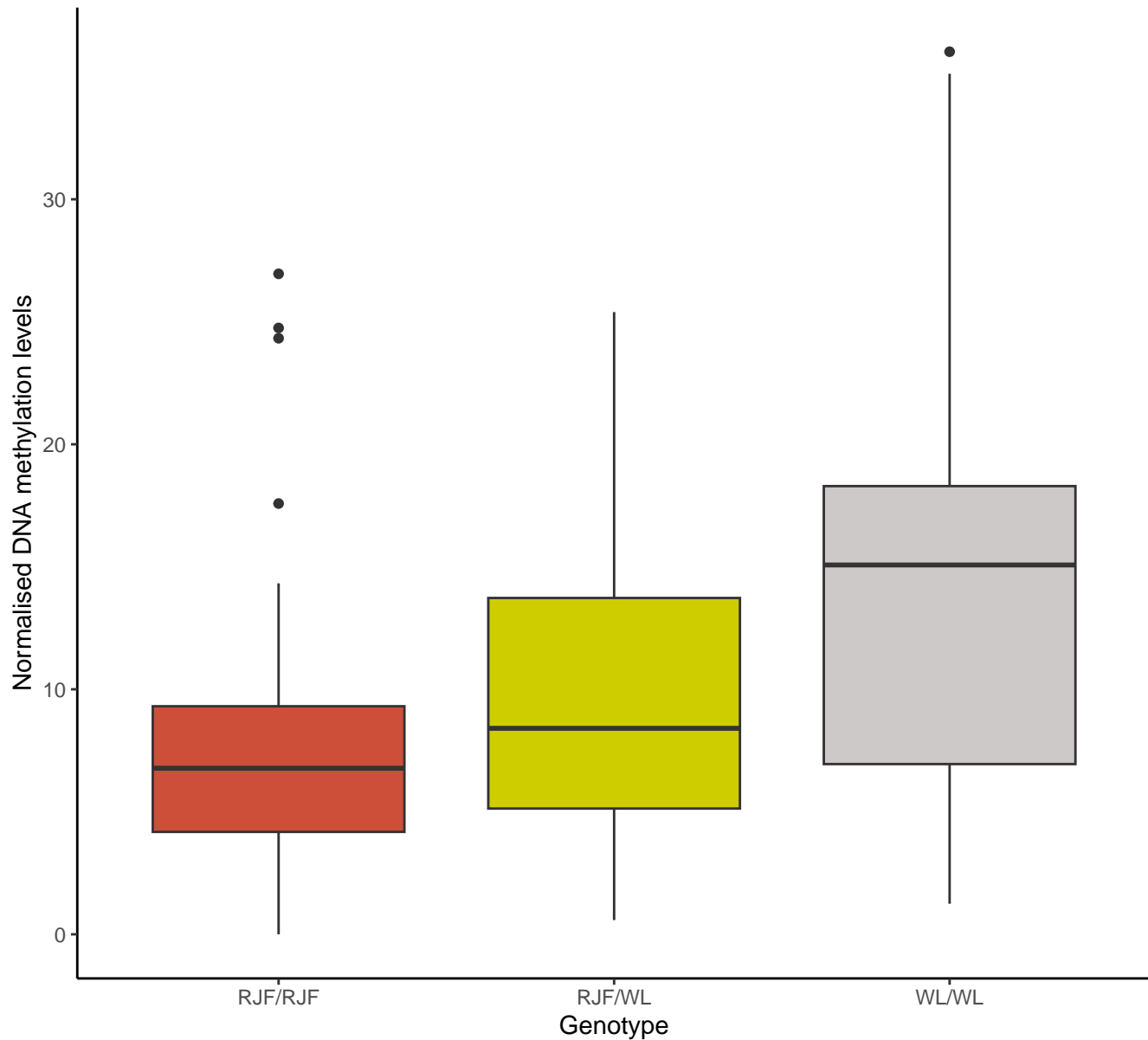
trans mQTL | chr1 @ 1625.53cM | LOD: 6.13
Methbin: chrZ_25682000 | marker:Gg_rs14877932
CI: chr1:269.61–1688.09cM



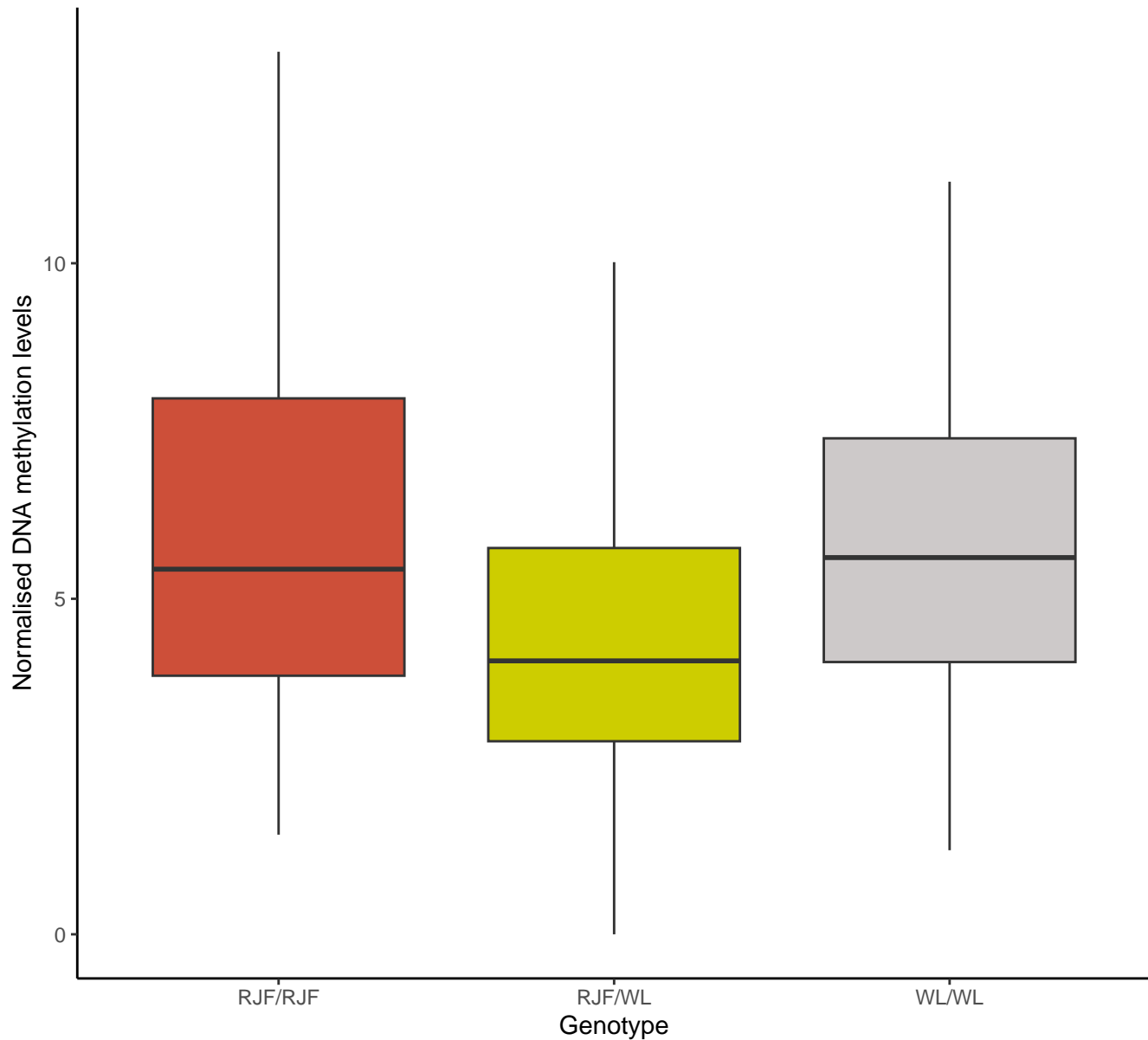
trans mQTL | chr6@105.16cM | LOD: 7.61
Methbin: chrZ_25758000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



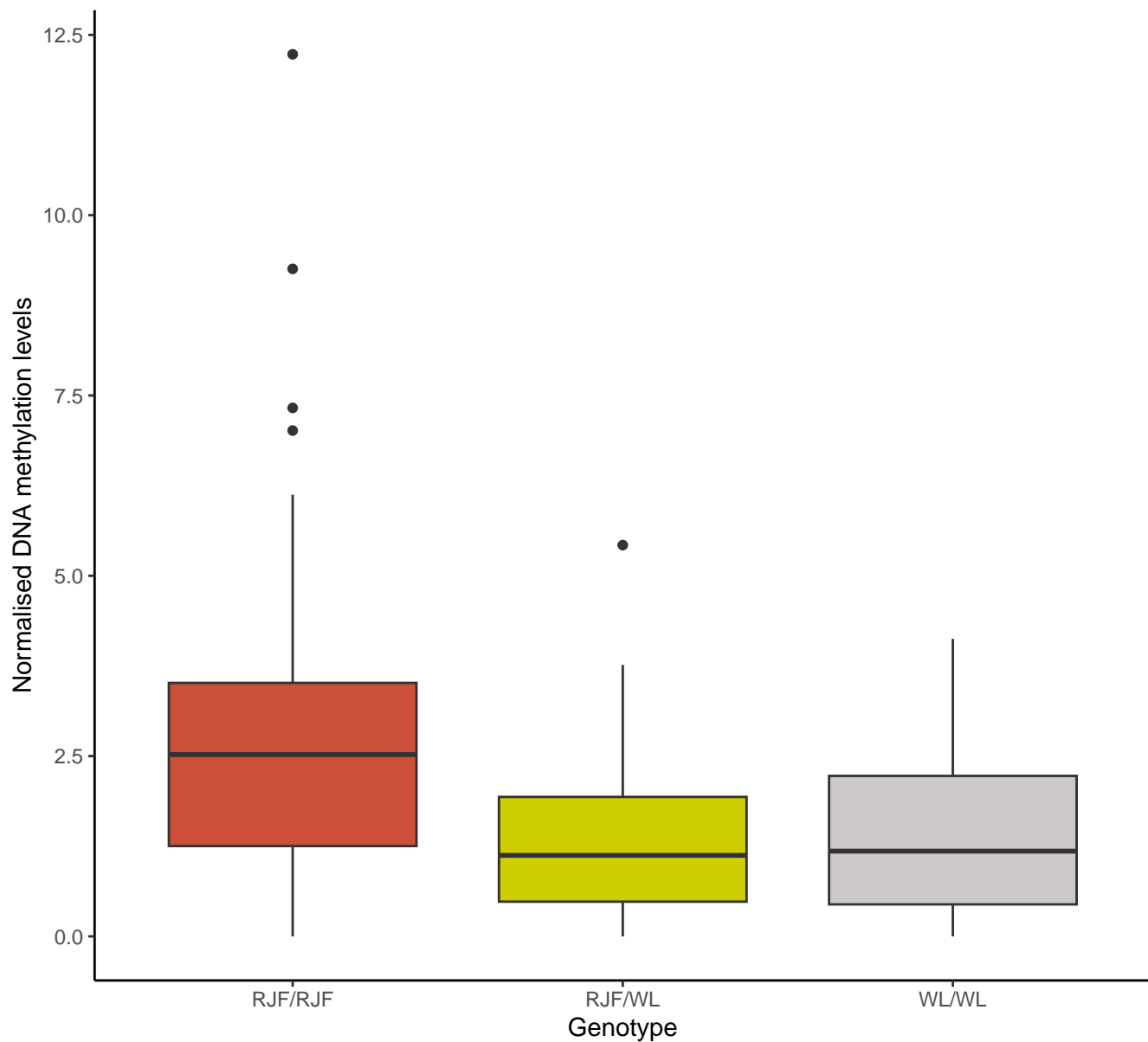
trans mQTL | chr3@219cM | LOD: 6.45
Methbin: chrZ_25910000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



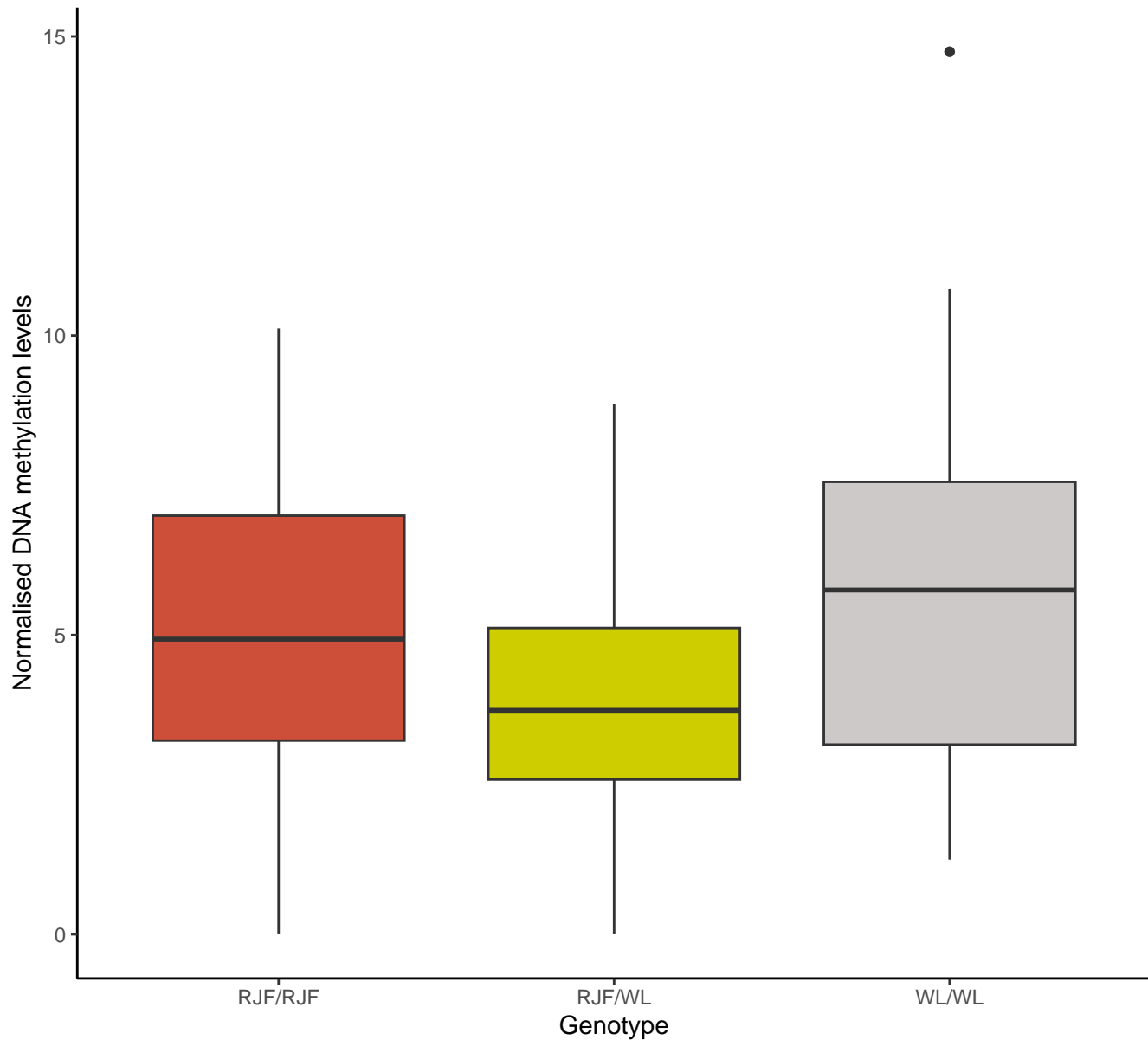
trans mQTL | chr3@578.5cM | LOD: 6.22
Methbin: chrZ_25982000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



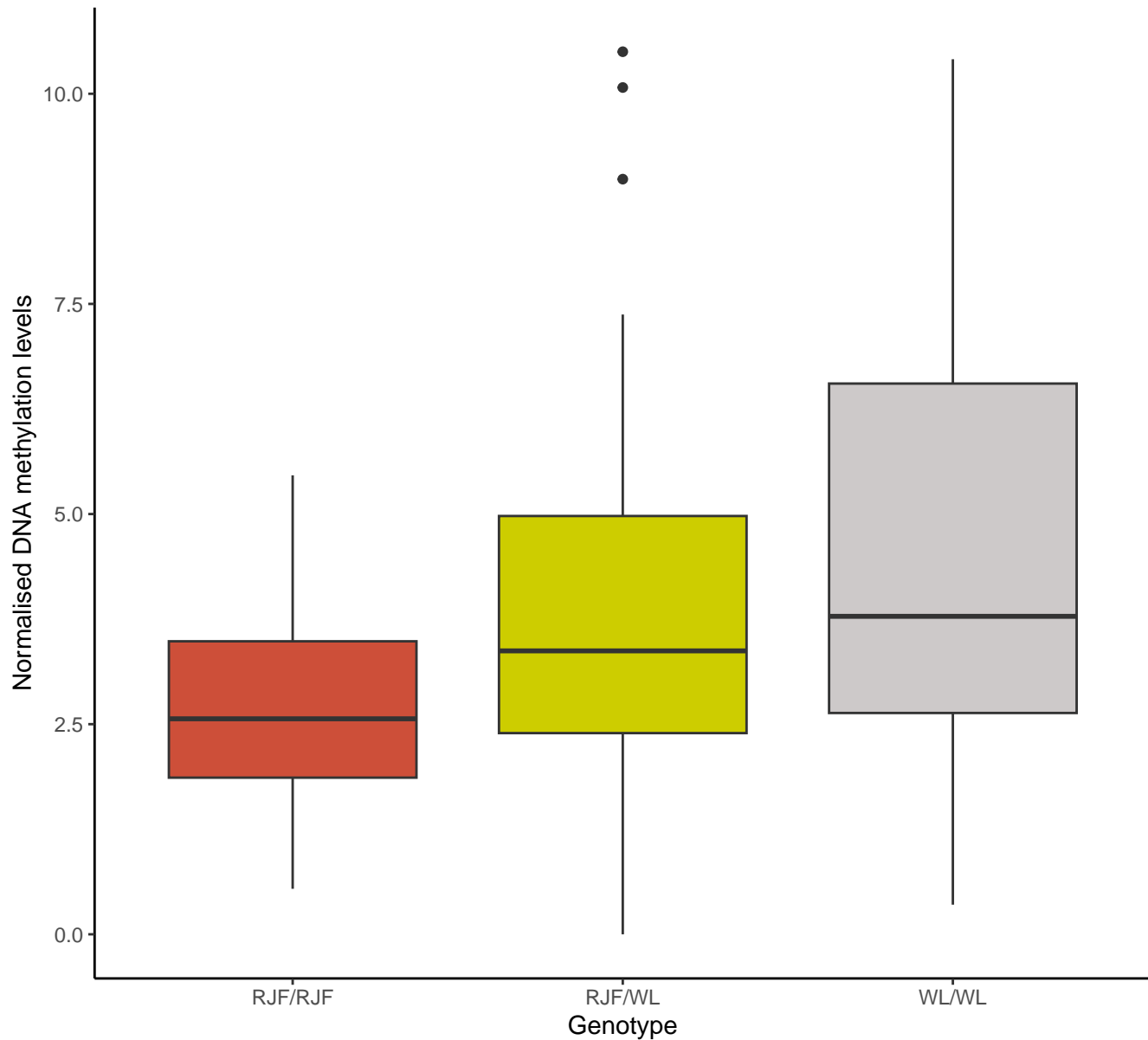
trans mQTL | chr3@361.42cM | LOD: 7.51
Methbin: chrZ_26008000 | marker:Gg_rs14342633
CI: chr3:351.44–375.03cM



trans mQTL | chr6@86cM | LOD: 6.53
Methbin: chrZ_26035000 | marker:Gg_rs15765462
CI: chr6:69.3–105.16cM



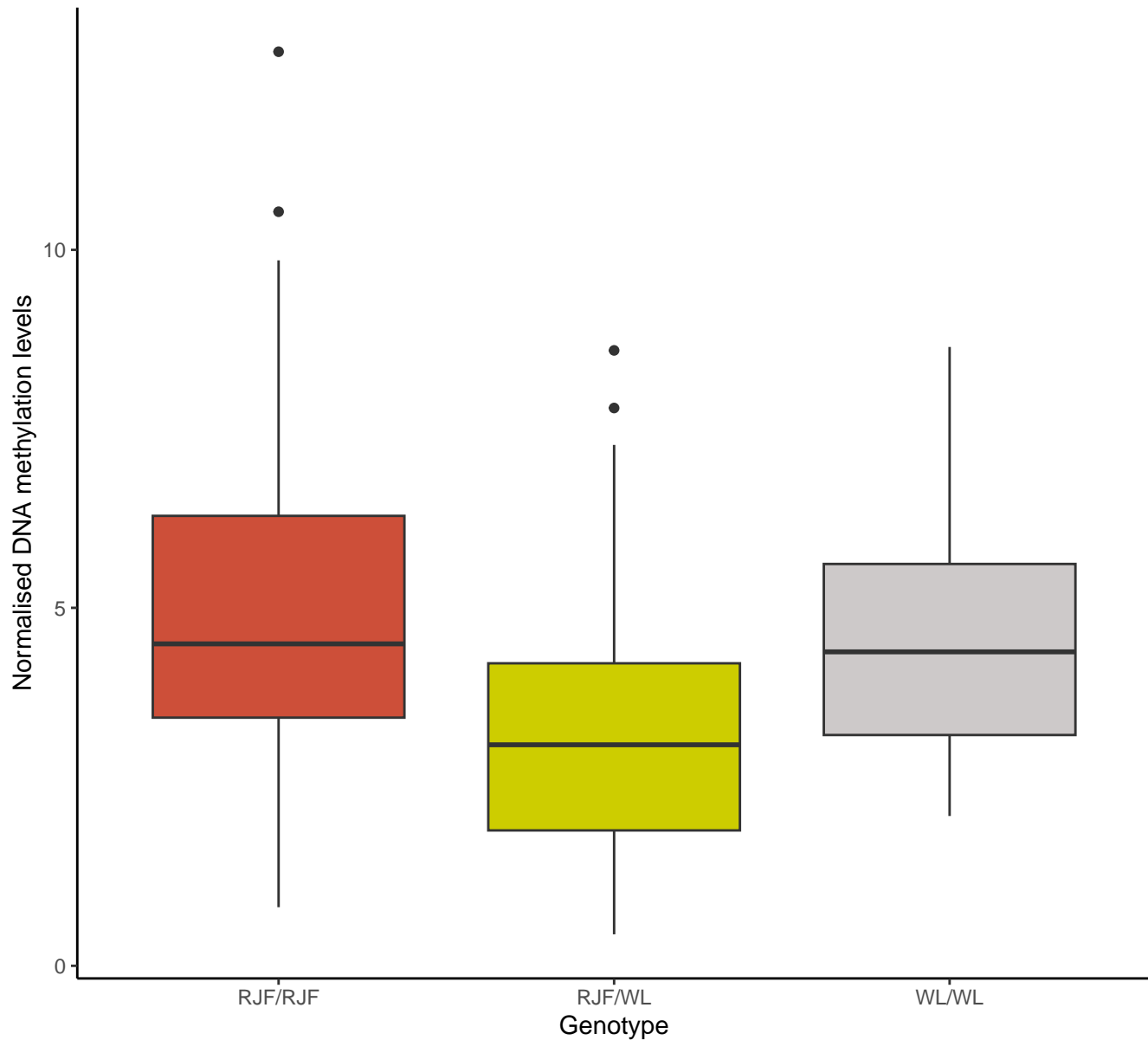
trans mQTL | chr14@265.73cM | LOD: 8.13
Methbin: chrZ_26287000 | marker:rbl1871
CI: chr14:241.01–265.73cM



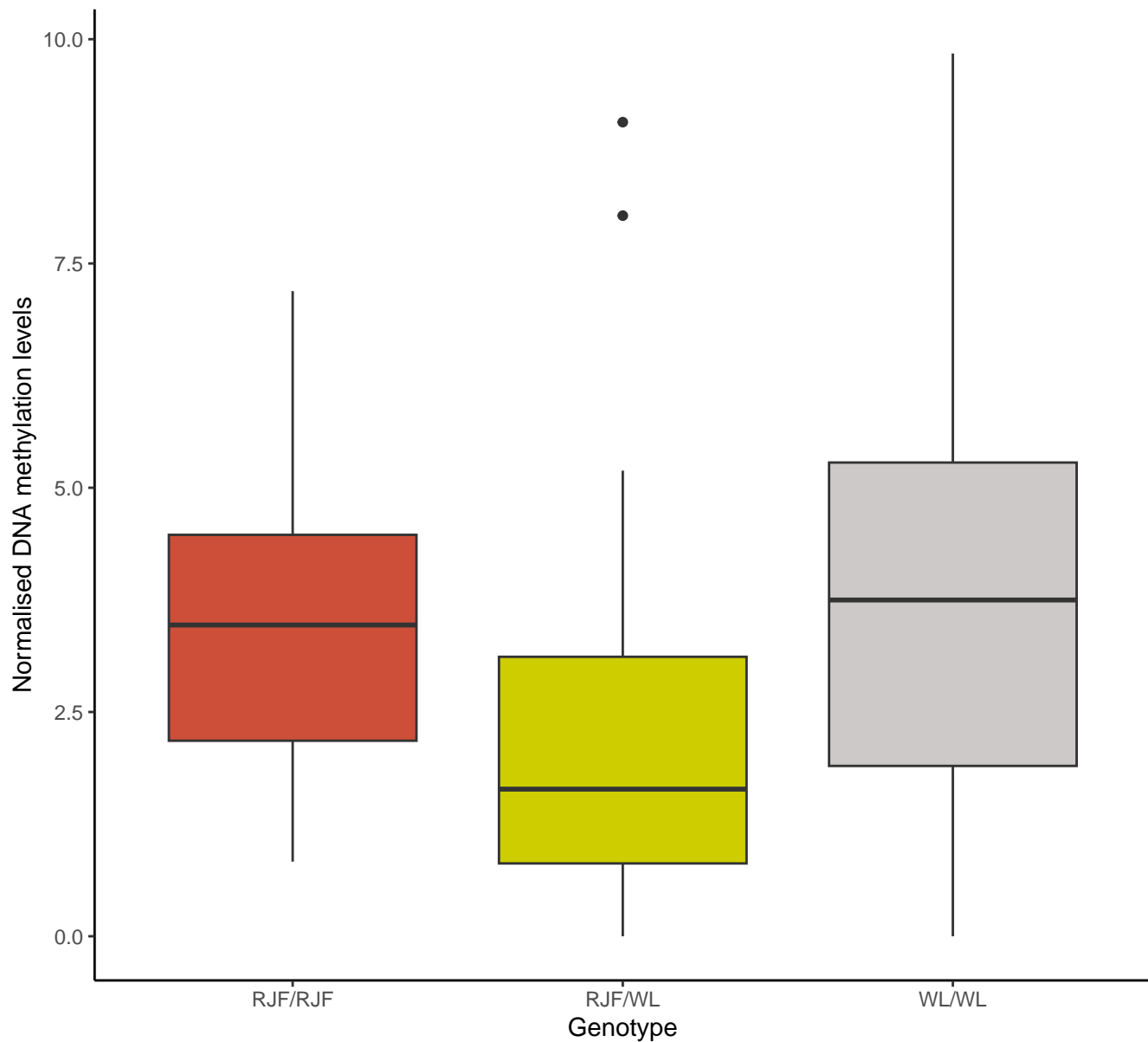
trans mQTL | chr26@4.21cM | LOD: 6.24

Methbin: chrZ_26422000 | marker:Gg_rs13724644

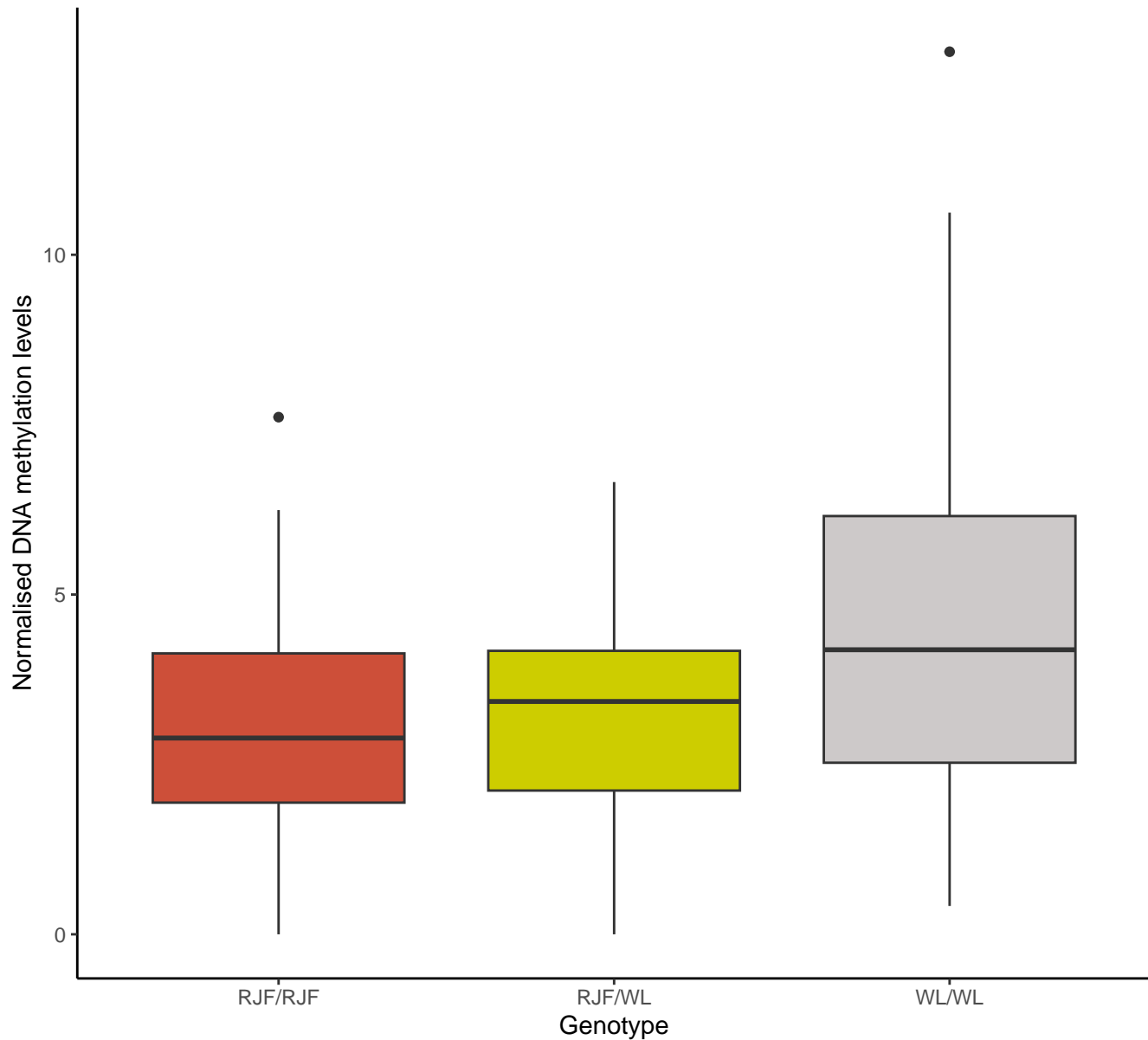
CI: chr26:4.21–16.83cM



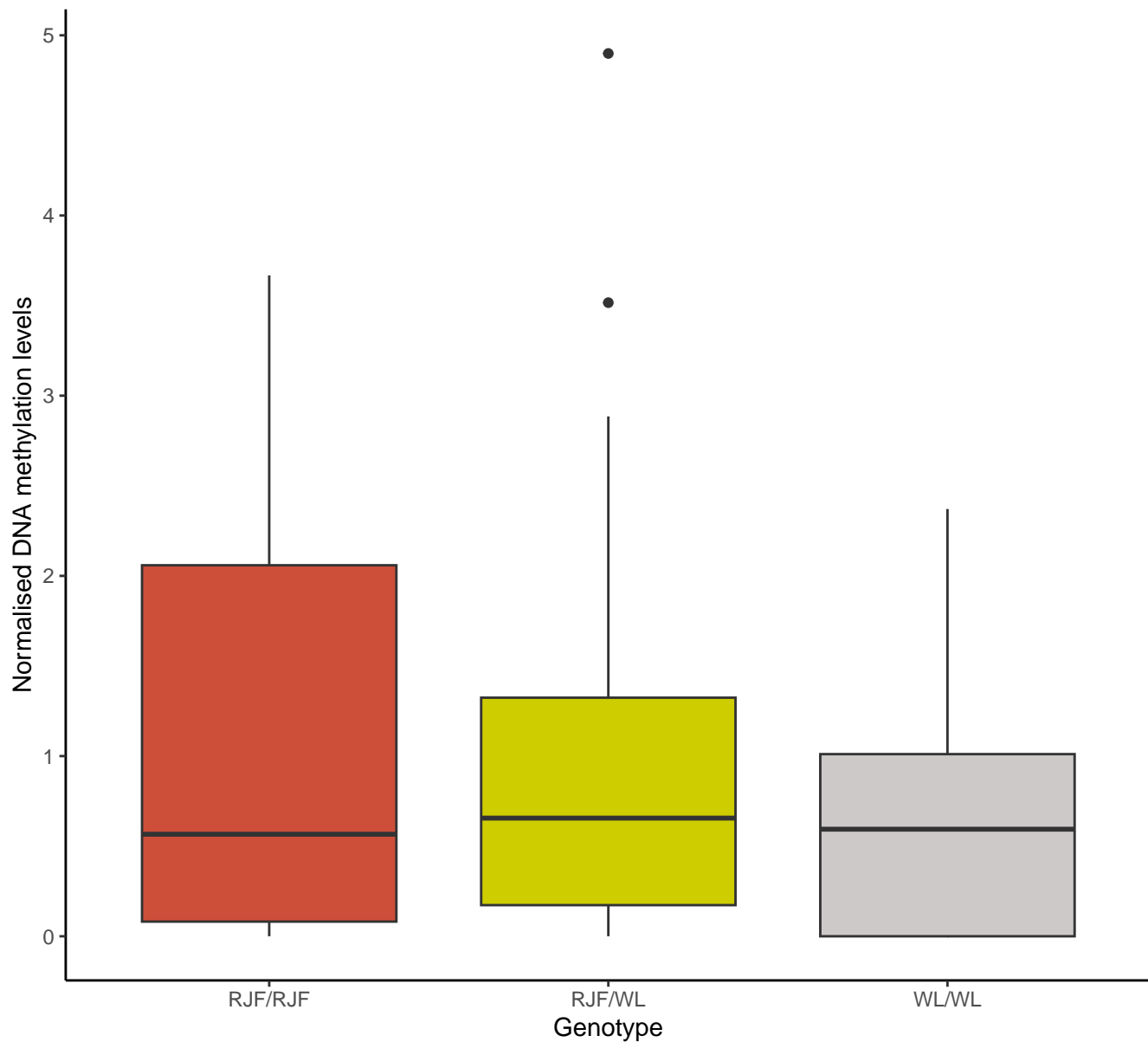
trans mQTL | chr2@97cM | LOD: 6.32
Methbin: chrZ_26625000 | marker:Gg_rs15060526
CI: chr2:90.91–145.68cM



trans mQTL | chr11@0cM | LOD: 6.21
Methbin: chrZ_26728000 | marker:Gg_rs14957923
CI: chr11:0–16.53cM



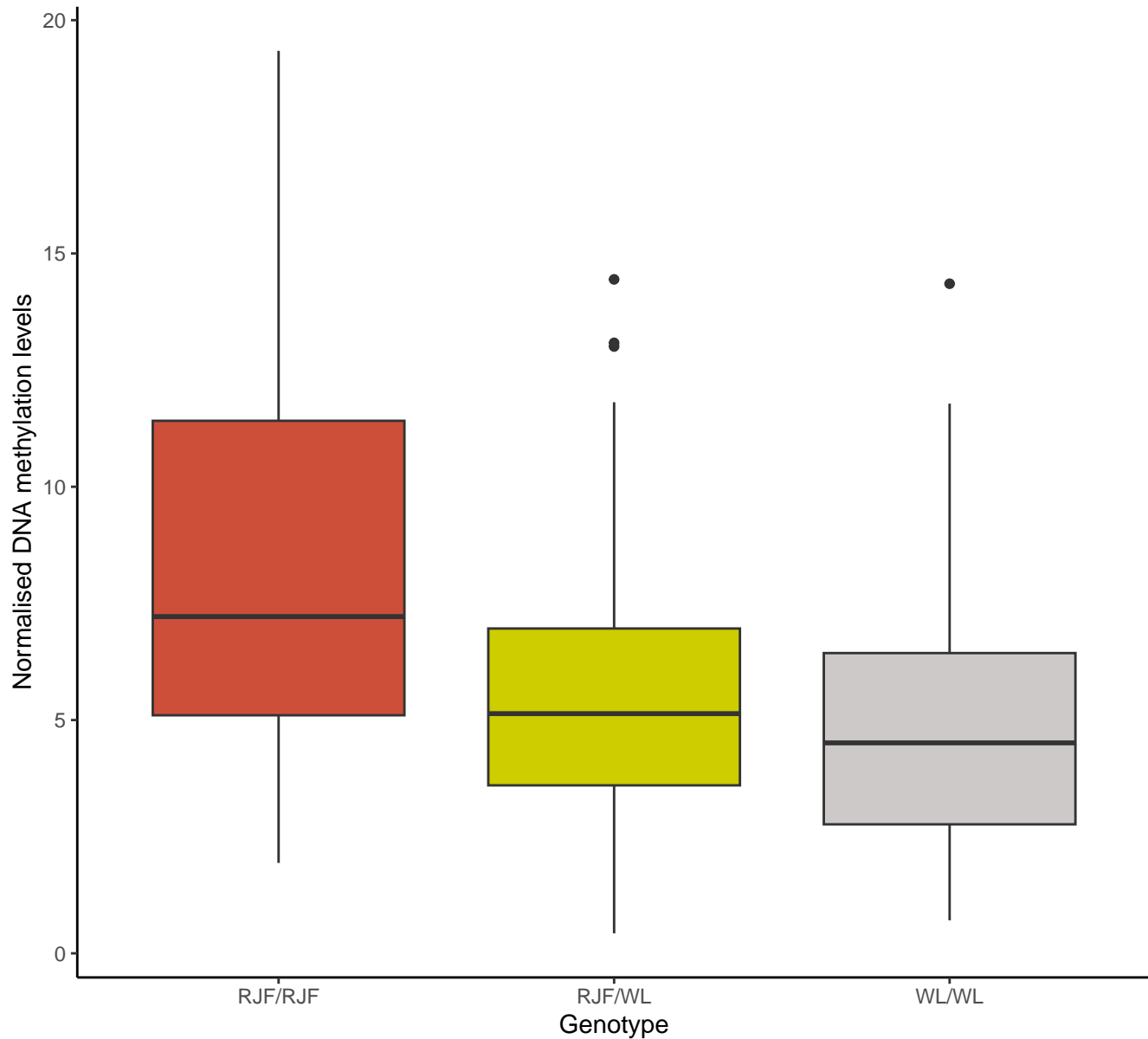
trans mQTL | chr2@41.4cM | LOD: 6.05
Methbin: chrZ_27445000 | marker:Gg_rs14132382
CI: chr2:1-90.91cM



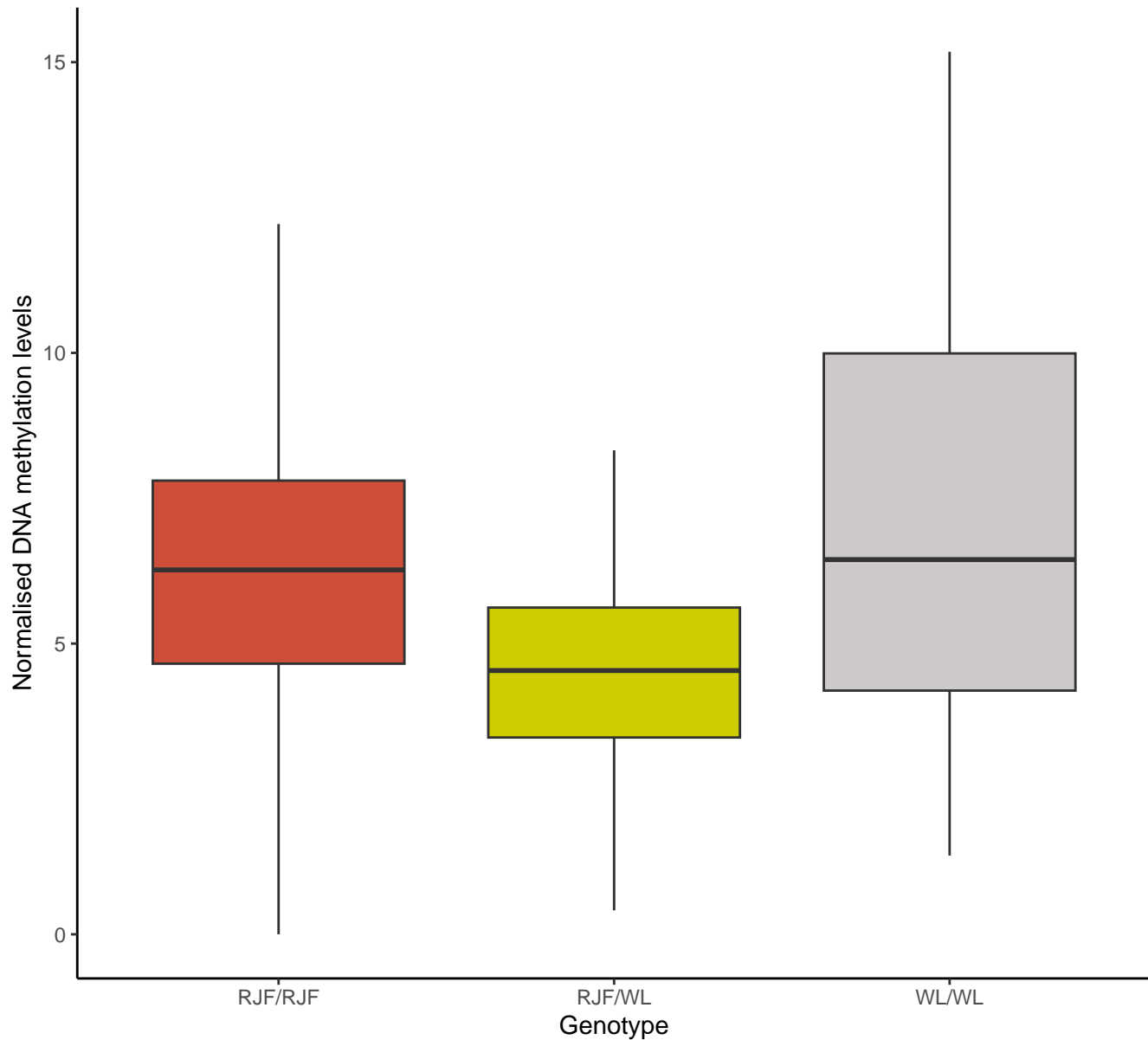
trans mQTL | chr1@2210.81cM | LOD: 5.95

Methbin: chrZ_27451000 | marker:snp.317.20.11874.S.1

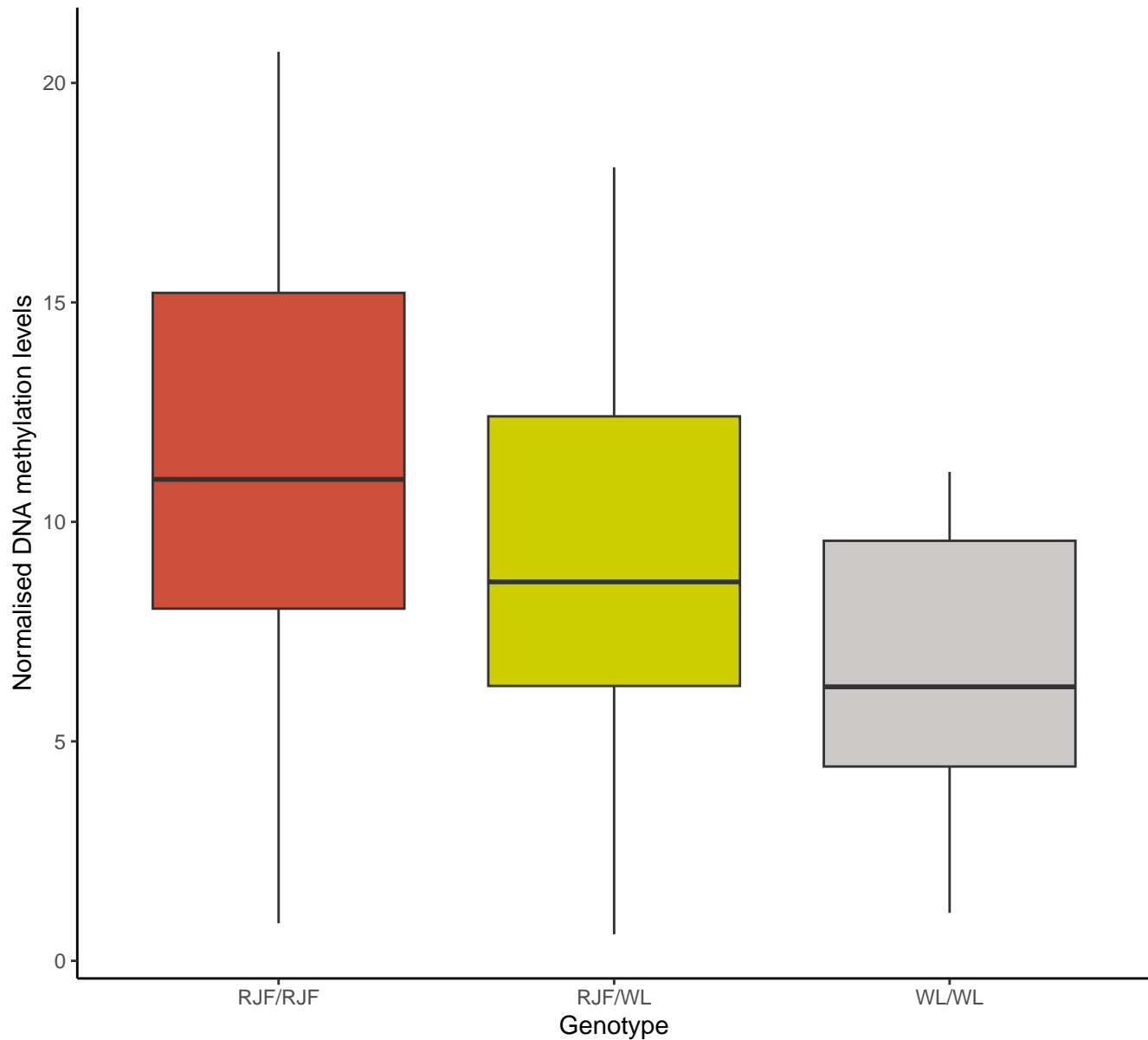
CI: chr1:2094.51–2334.16cM



trans mQTL | chr24@0cM | LOD: 7.03
Methbin: chrZ_27509000 | marker:Gg_rs14292805
CI: chr24:0–14.08cM



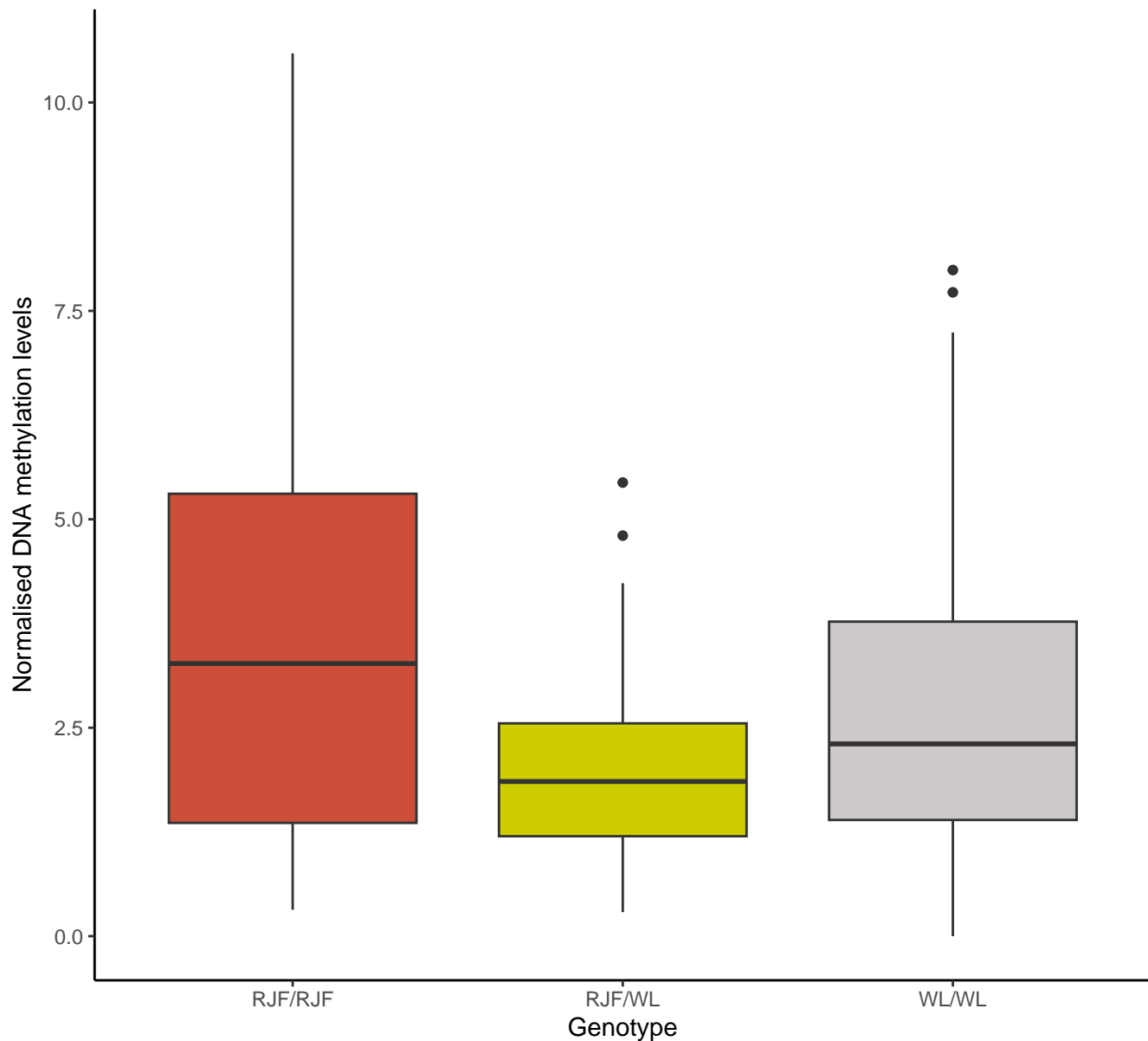
trans mQTL | chr17@58.07cM | LOD: 6.56
Methbin: chrZ_27778000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



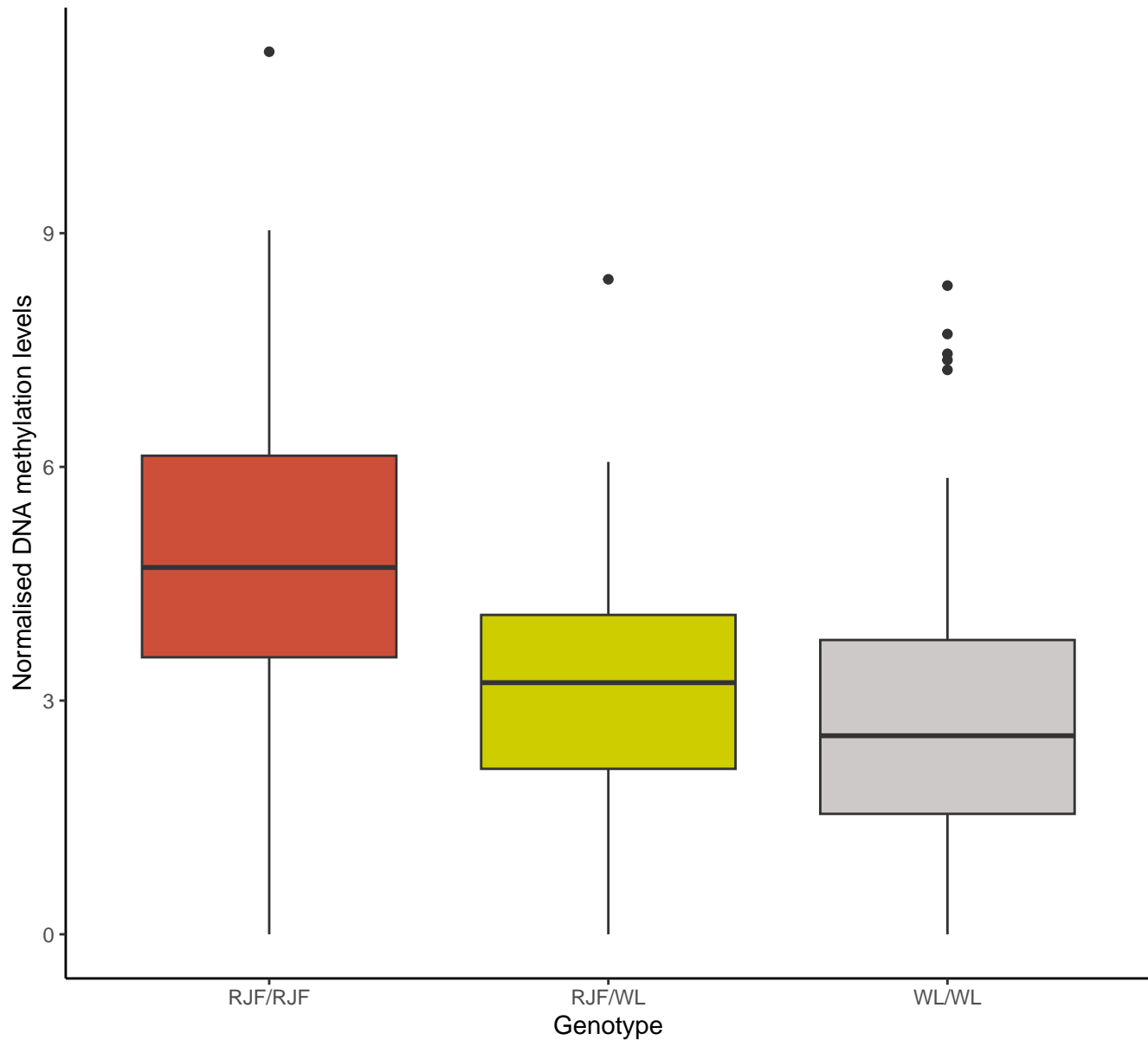
trans mQTL | chr2@1193cM | LOD: 6.74

Methbin: chrZ_28019000 | marker:Gg_rs14258054

CI: chr2:1184.59–1275.66cM



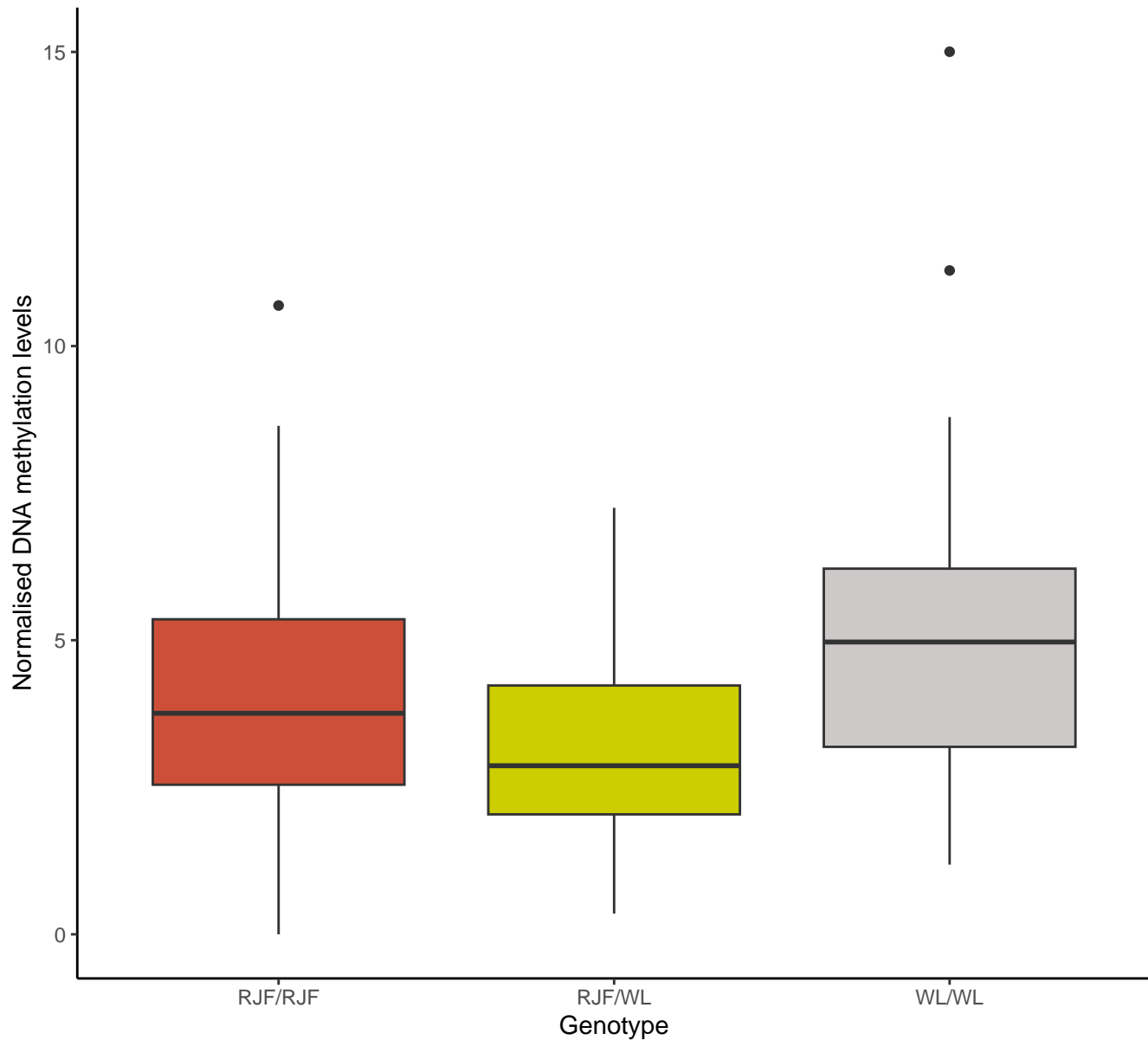
trans mQTL | chr2@1192.91cM | LOD: 6.31
Methbin: chrZ_28090000 | marker:Gg_rs14258054
CI: chr2:1184.59–1275.66cM



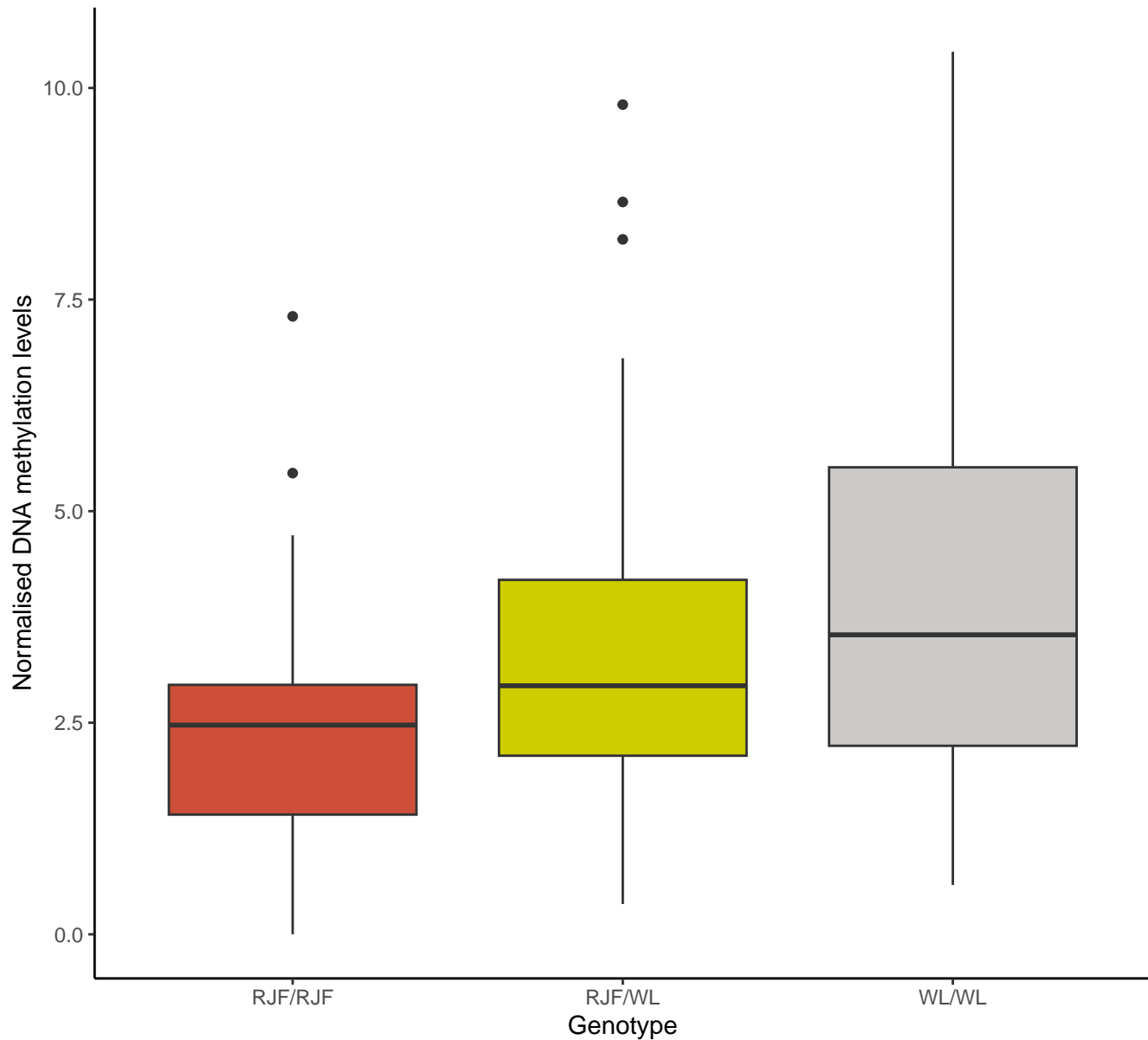
trans mQTL | chr24@0cM | LOD: 5.98

Methbin: chrZ_28092000 | marker:Gg_rs14292805

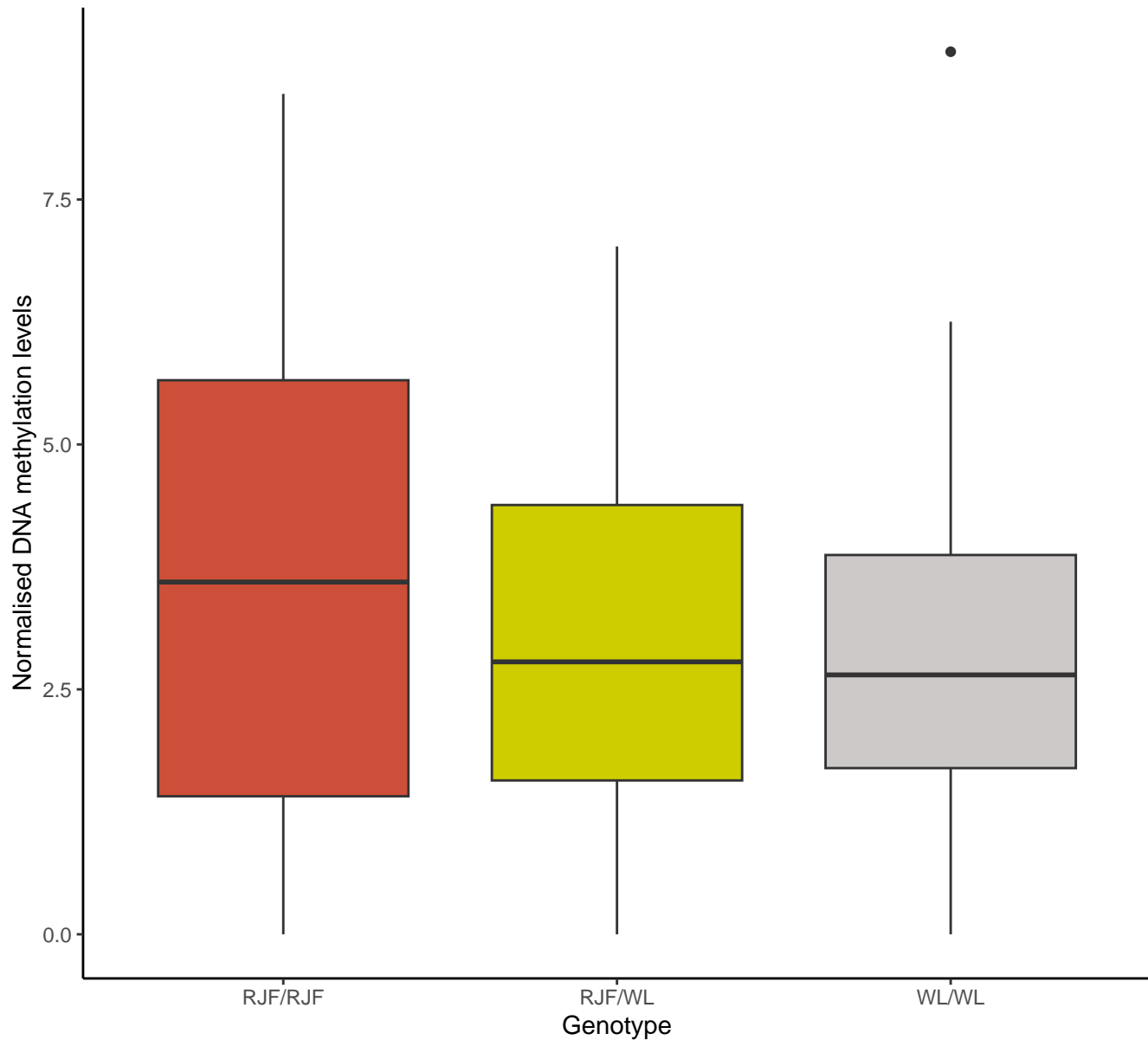
CI: chr24:0–14.08cM



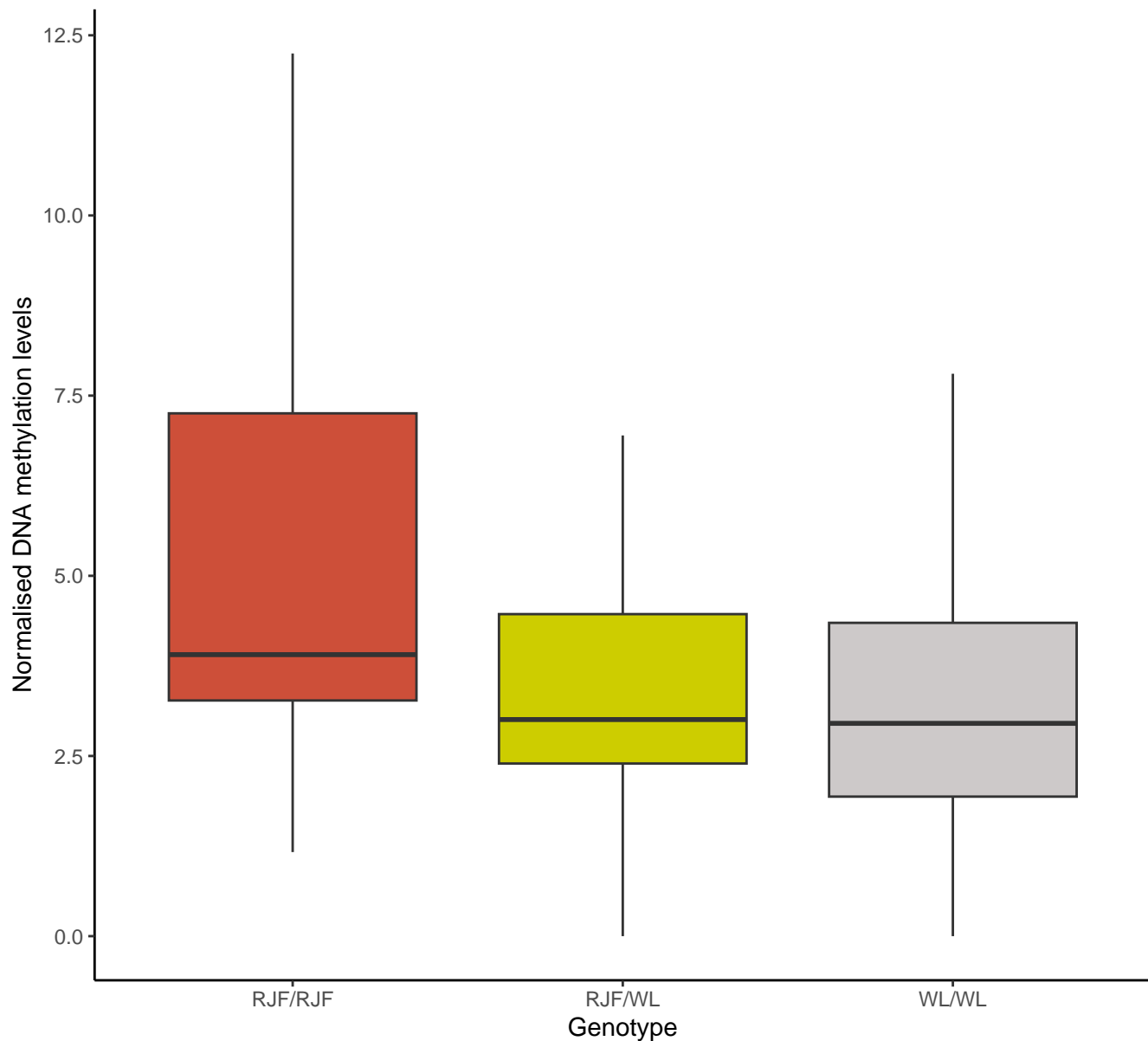
trans mQTL | chr14@265.73cM | LOD: 6.95
Methbin: chrZ_28170000 | marker:rbl1871
CI: chr14:241.01–265.73cM



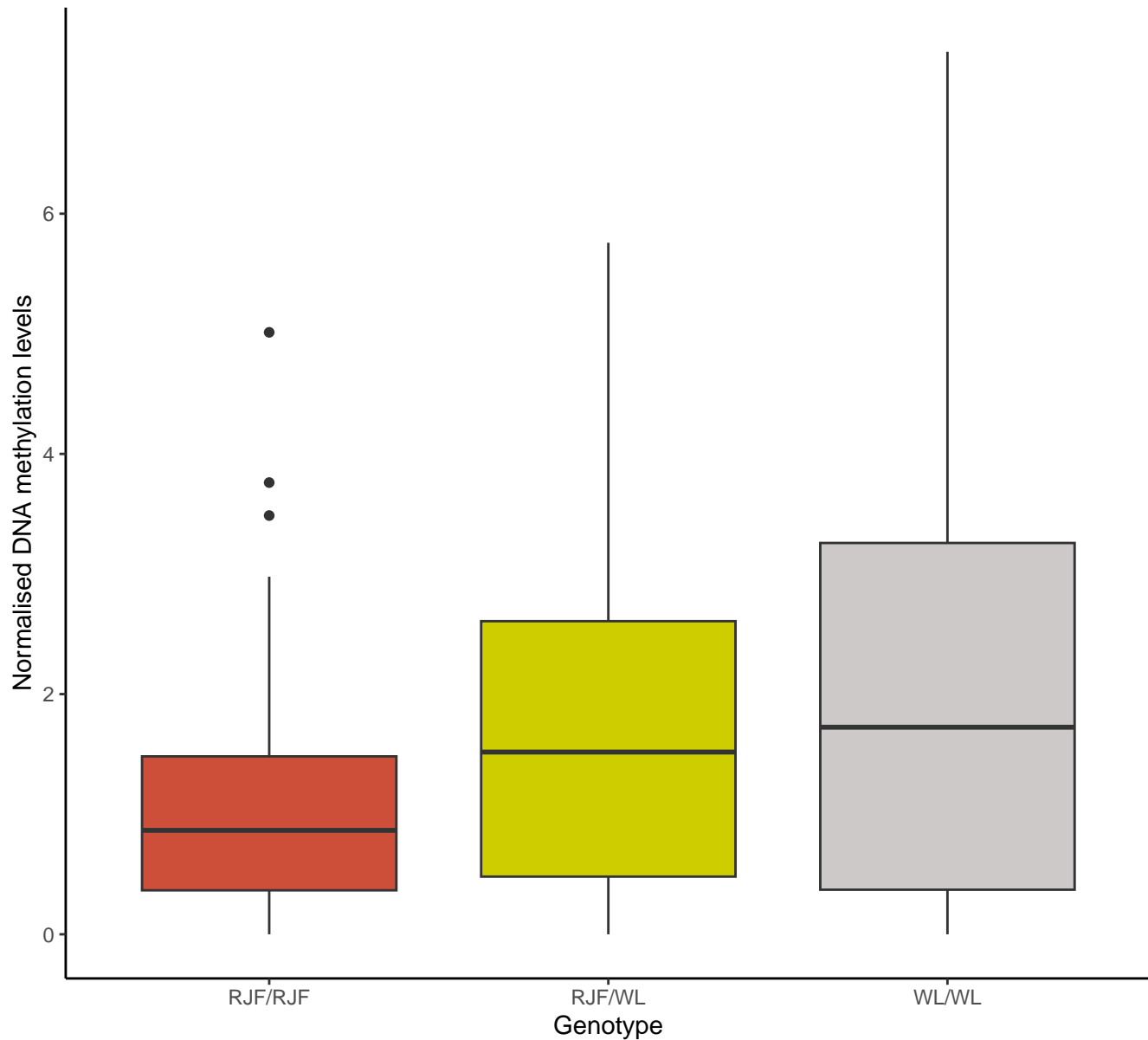
trans mQTL | chr5@379.54cM | LOD: 6.23
Methbin: chrZ_28348000 | marker:GG_rs14549581
CI: chr5:369.14–424.2cM



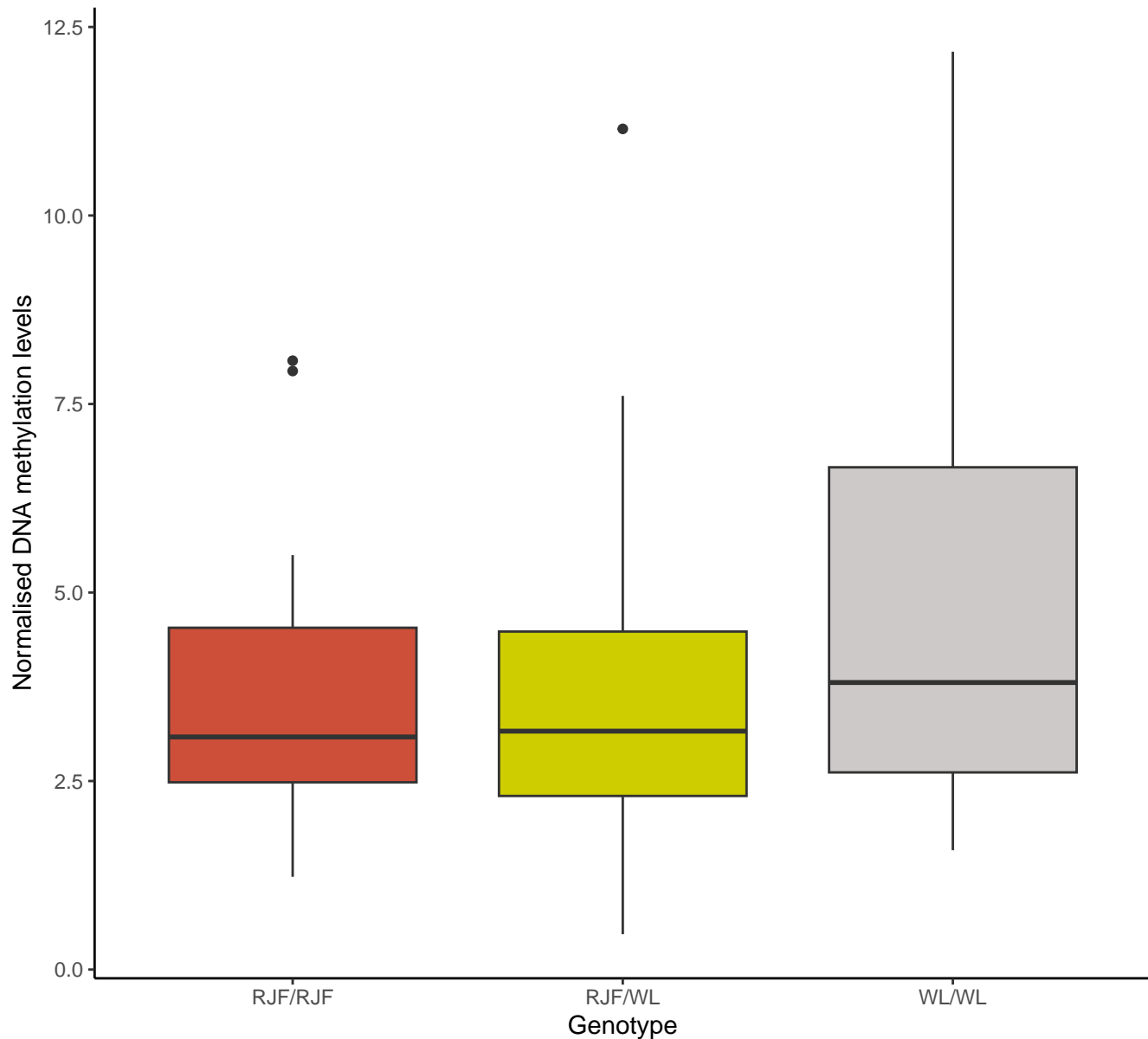
trans mQTL | chr12@57.81cM | LOD: 6.99
Methbin: chrZ_28423000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



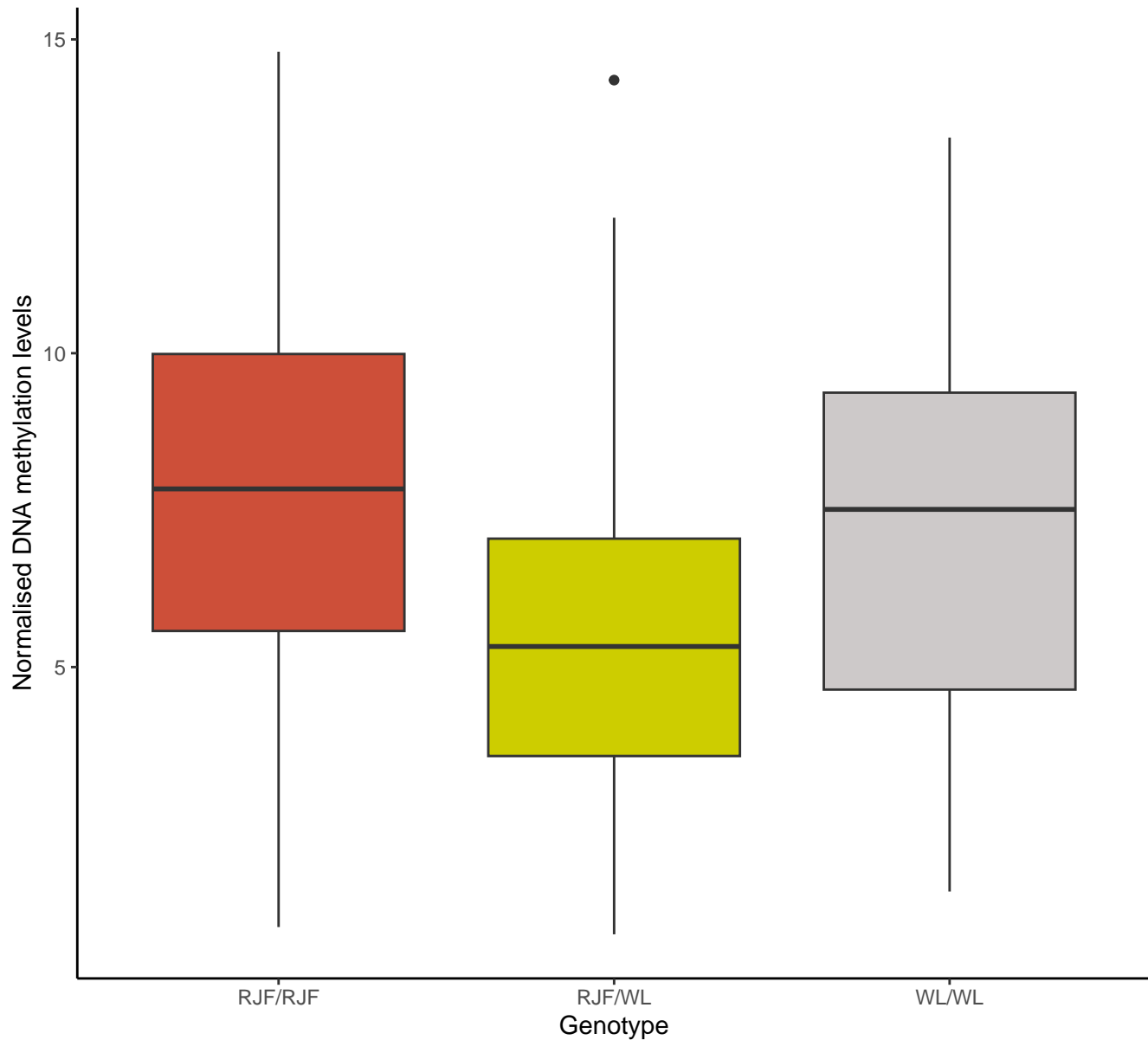
trans mQTL | chr14@265.73cM | LOD: 6.04
Methbin: chrZ_28779000 | marker:rb1871
CI: chr14:241.01–265.73cM



trans mQTL | chr28@52.38cM | LOD: 6.51
Methbin: chrZ_29145000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



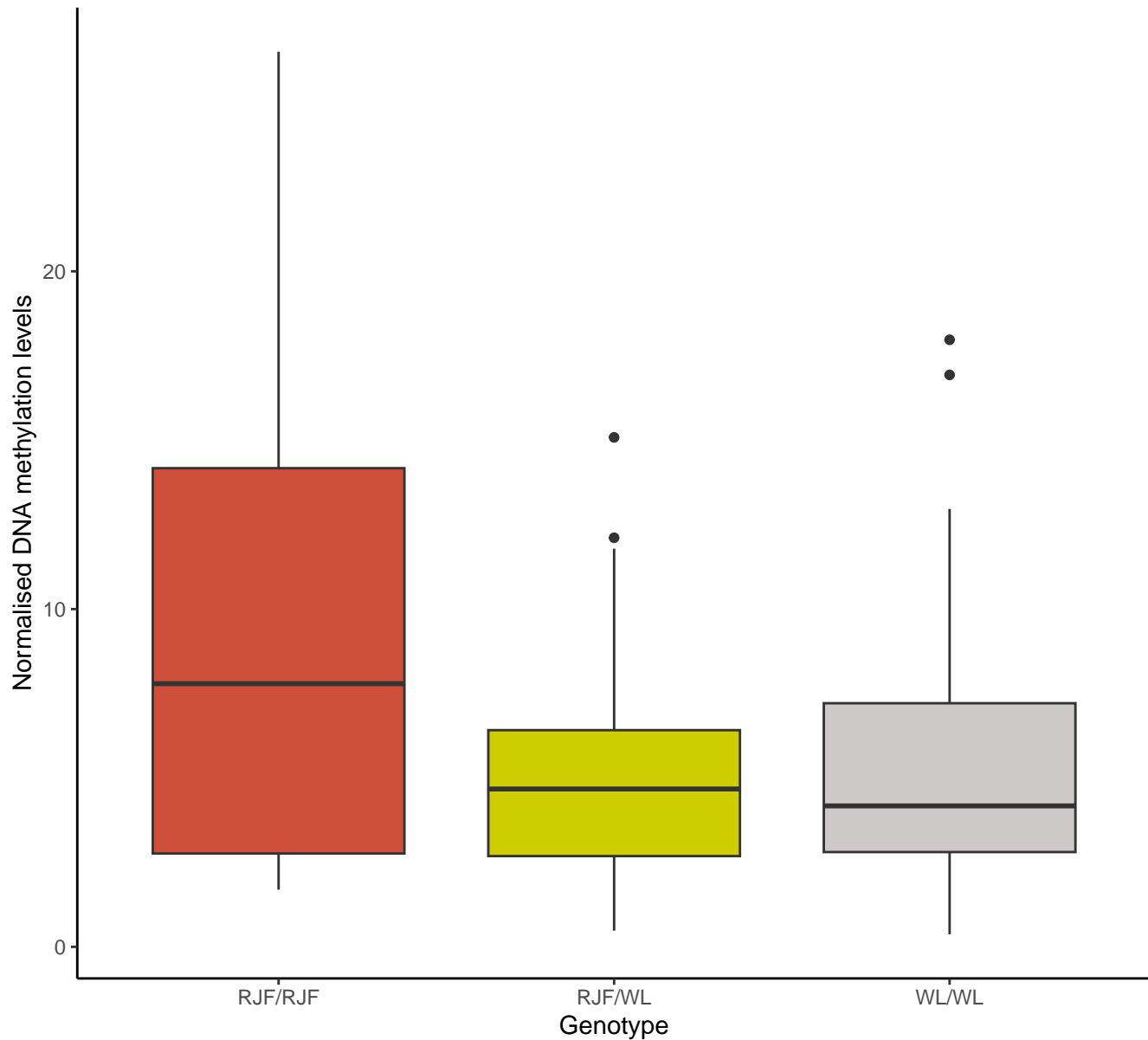
trans mQTL | chr3@436cM | LOD: 6.86
Methbin: chrZ_29426000 | marker:Gg_rs15361114
CI: chr3:419.42–439.57cM



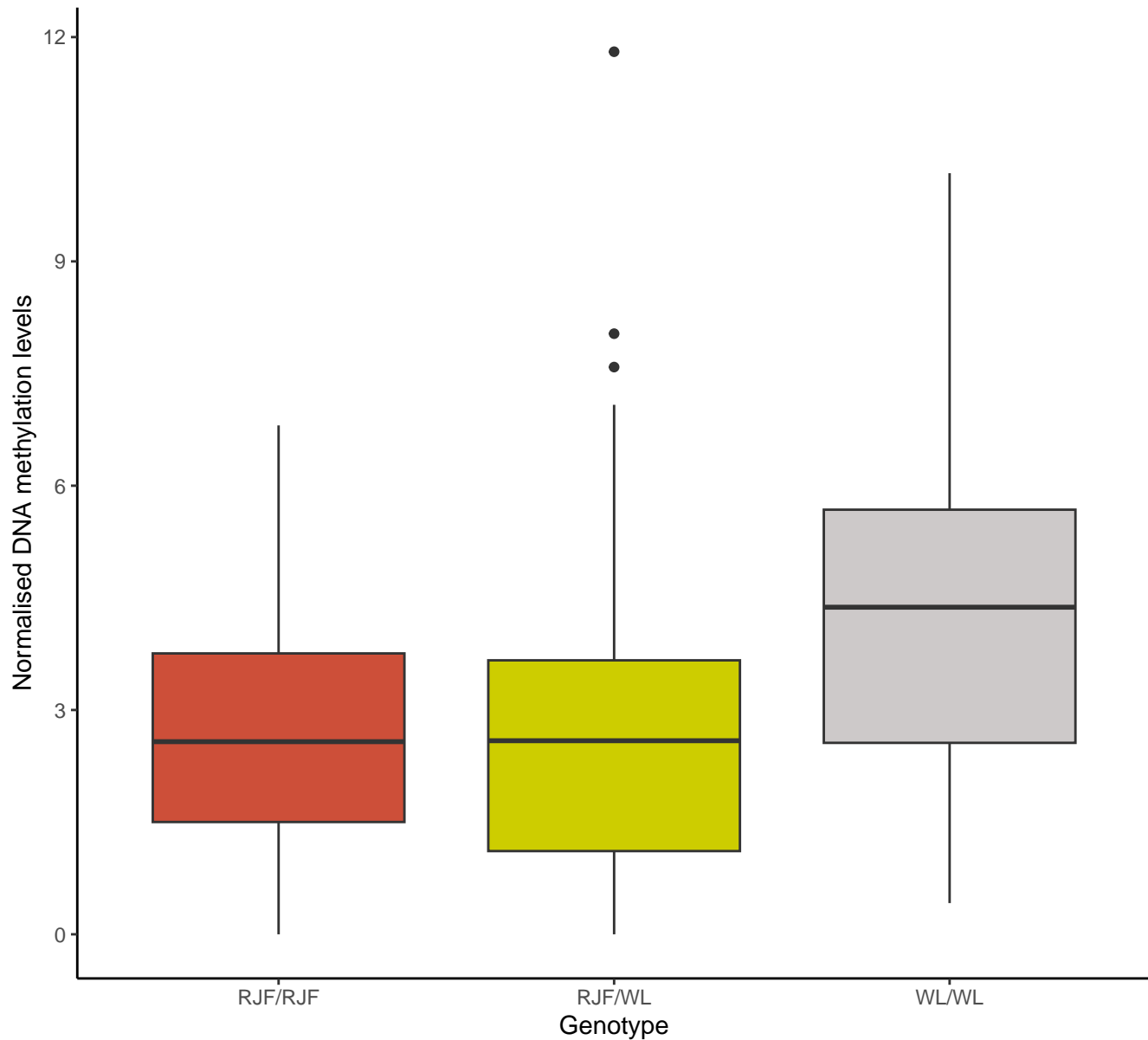
trans mQTL | chr12@57.81cM | LOD: 5.97

Methbin: chrZ_29543000 | marker:Gg_rs13609494

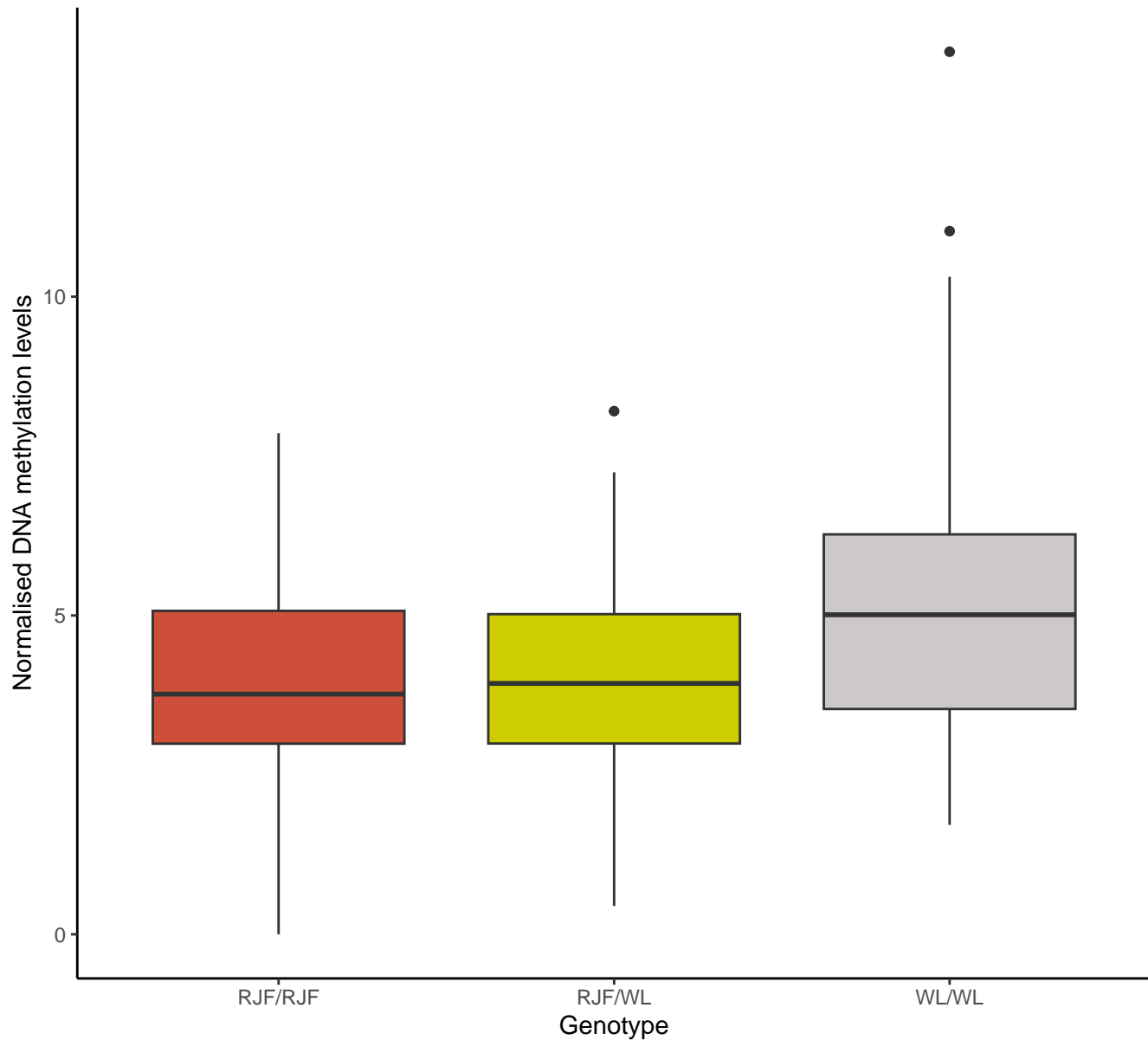
CI: chr12:34.82–85.17cM



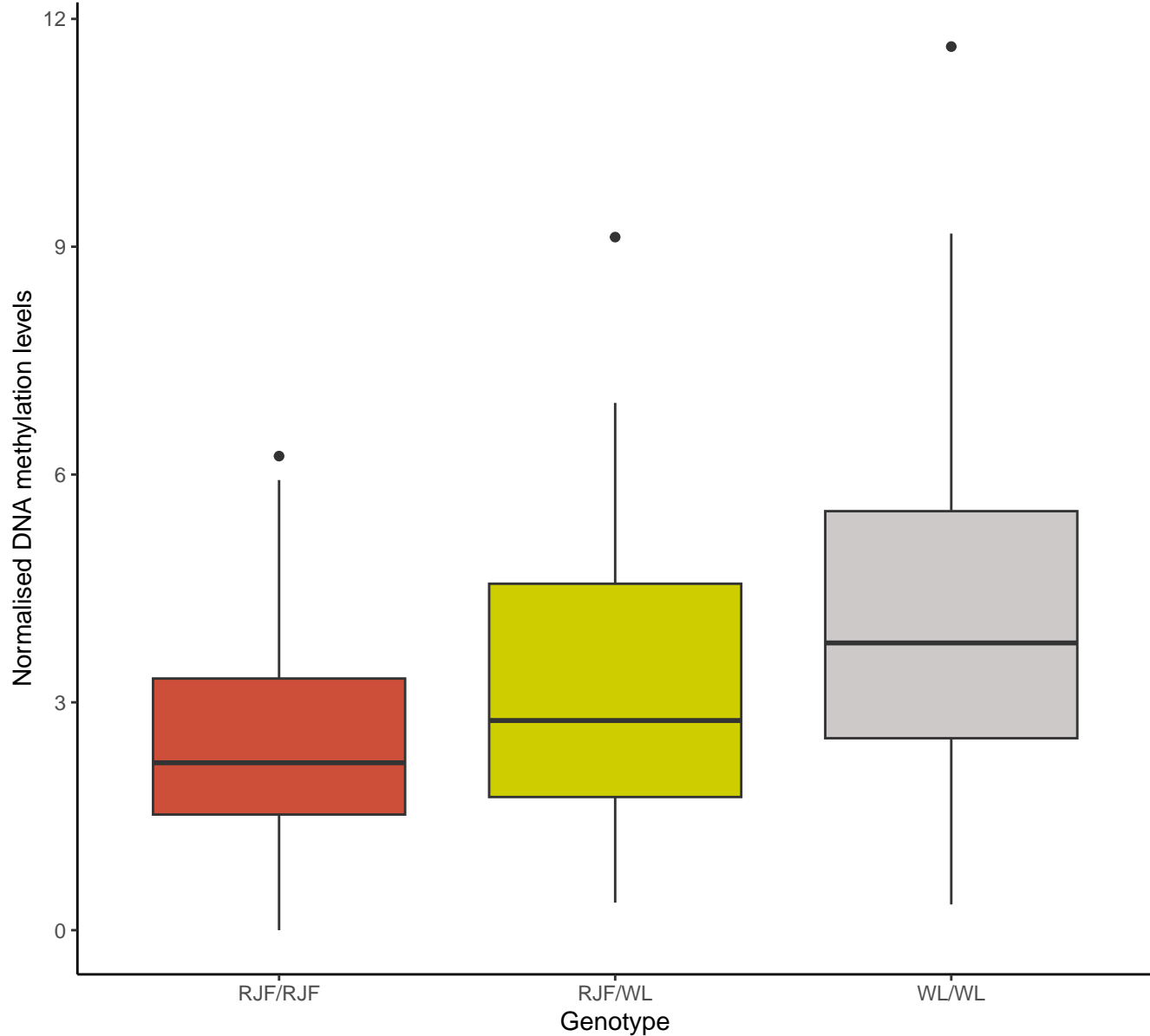
trans mQTL | chr4@0cM | LOD: 6.1
Methbin: chrZ_29551000 | marker:X4_1267185
CI: chr4:0–10.25cM



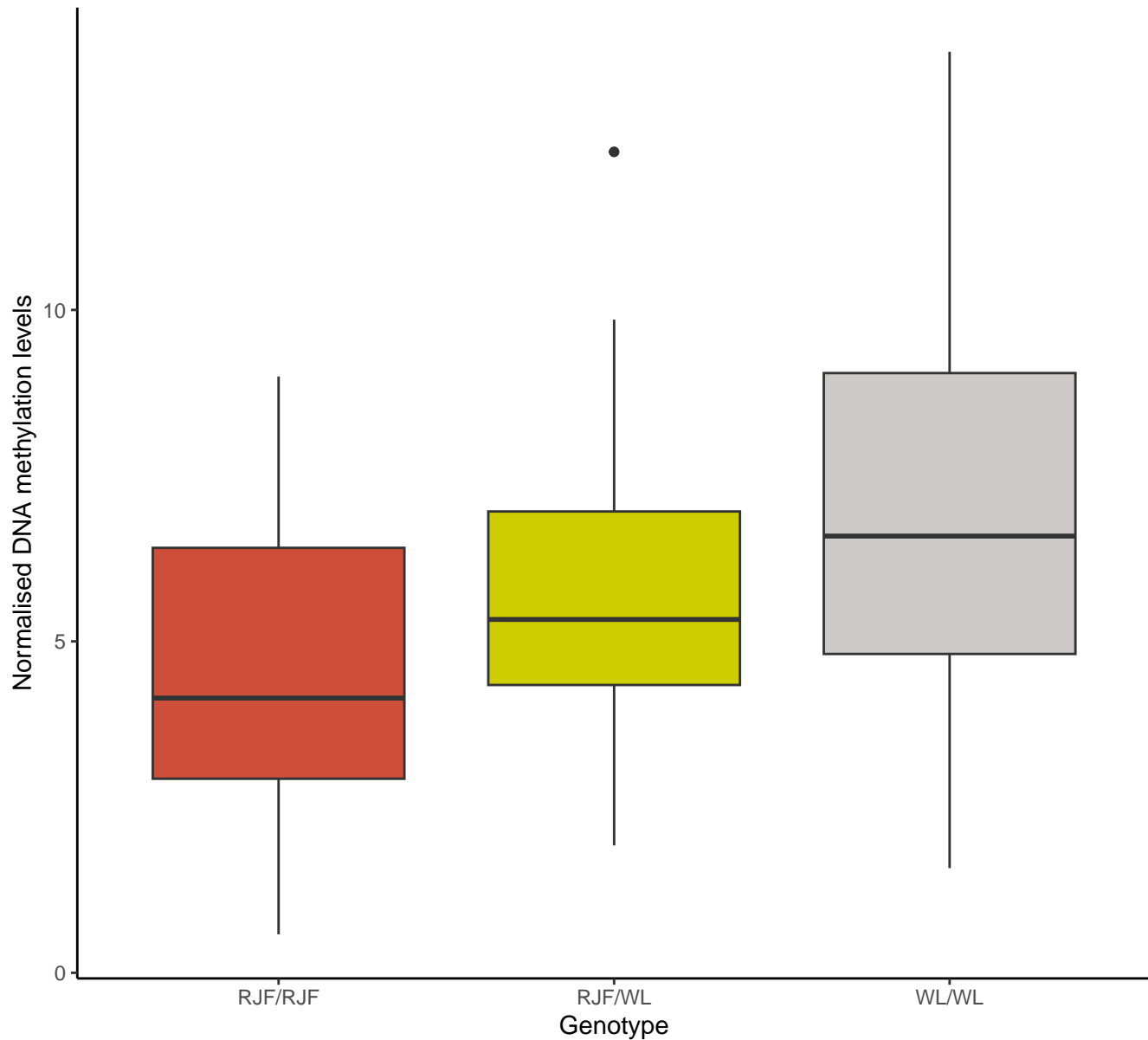
trans mQTL | chr24@60.71cM | LOD: 7.29
Methbin: chrZ_30003000 | marker:Gg_rs13604720
CI: chr24:22.37–72.66cM



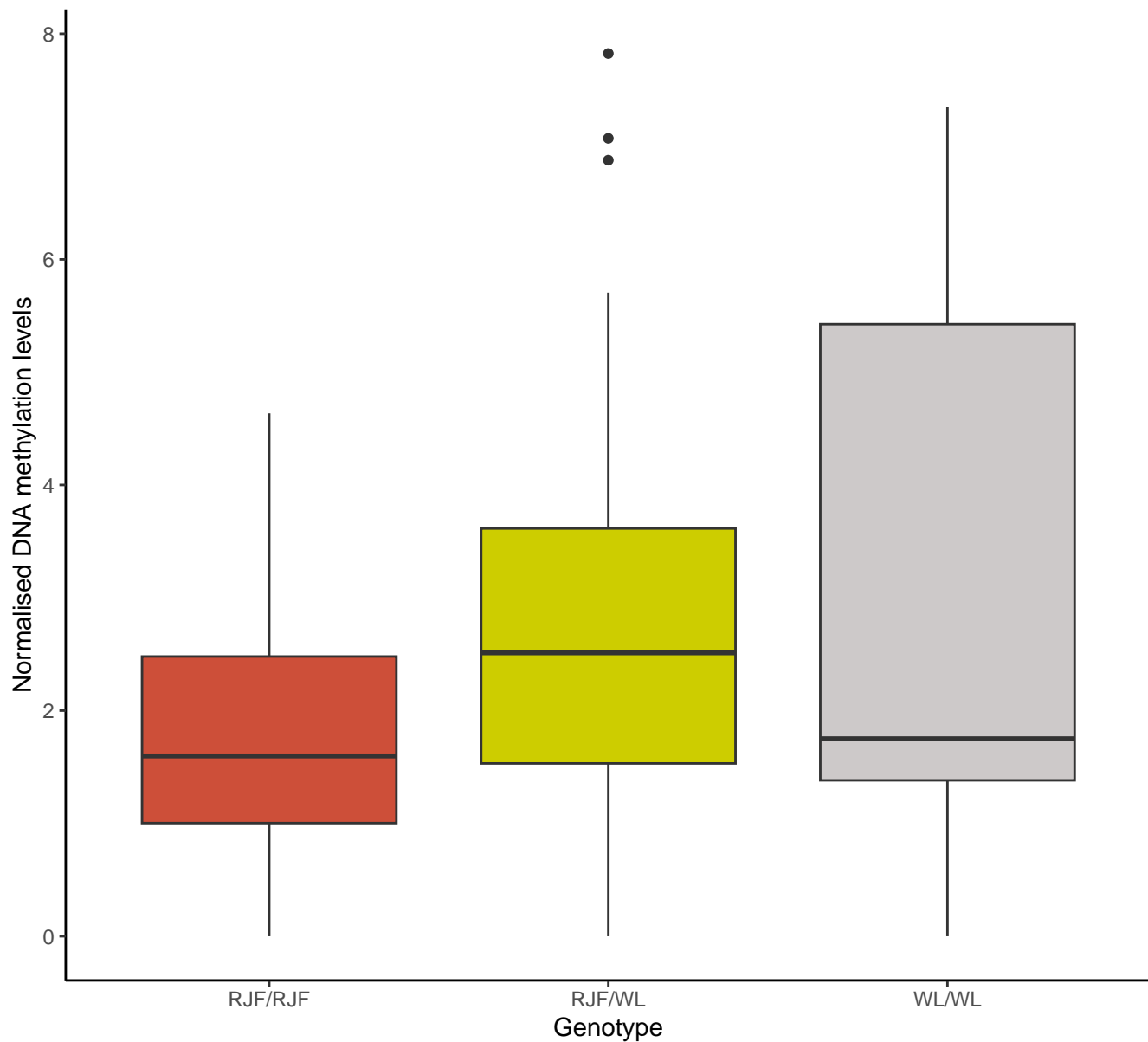
trans mQTL | chr14@265.73cM | LOD: 8.1
Methbin: chrZ_30083000 | marker:rbl1871
CI: chr14:241.01–265.73cM



trans mQTL | chr28@52.38cM | LOD: 6.71
Methbin: chrZ_30086000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



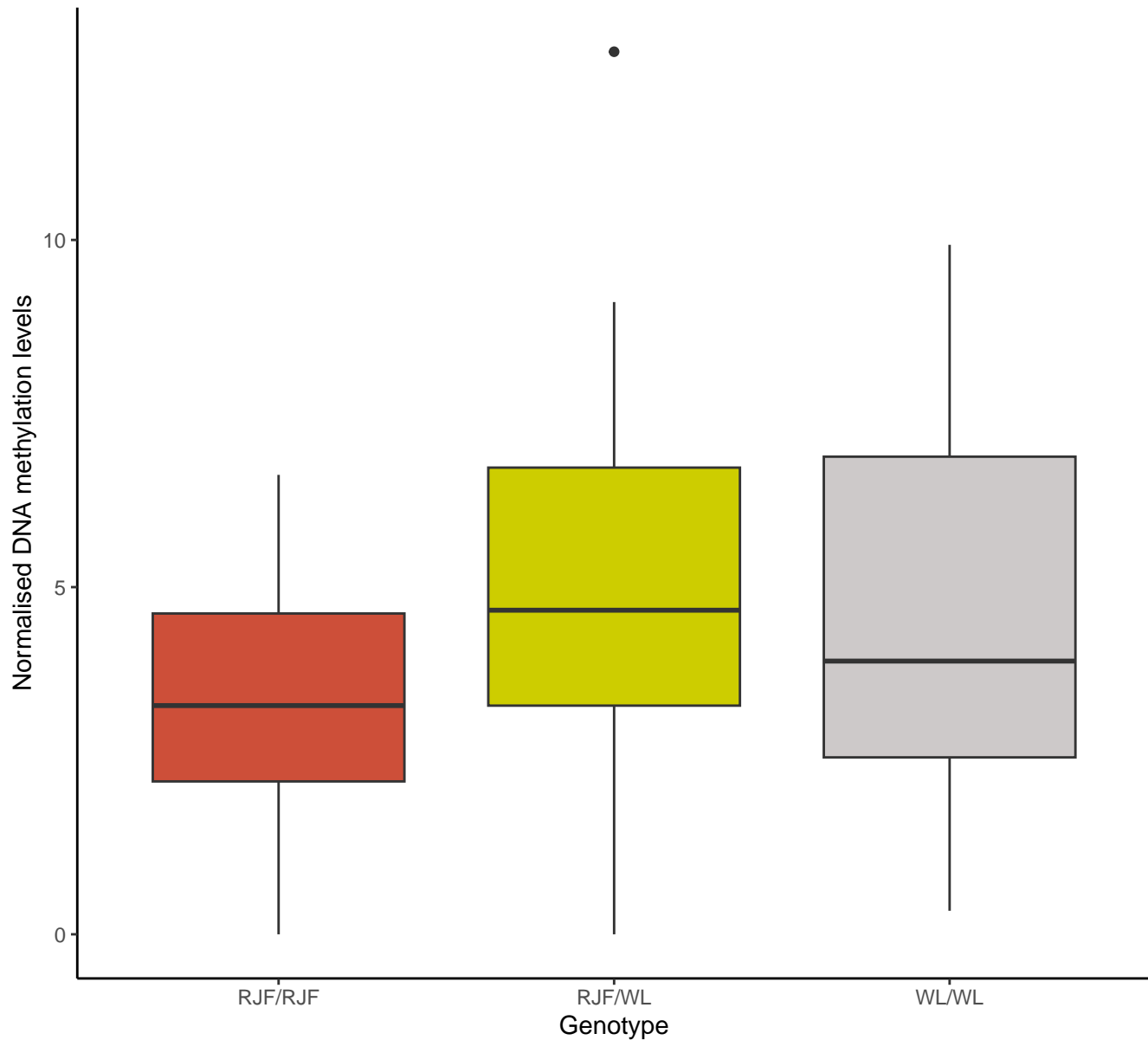
trans mQTL | chr14@265.73cM | LOD: 6.35
Methbin: chrZ_30293000 | marker:rbl1871
CI: chr14:241.01–265.73cM



trans mQTL | chr14@265.73cM | LOD: 6.37

Methbin: chrZ_30404000 | marker:rbl1871

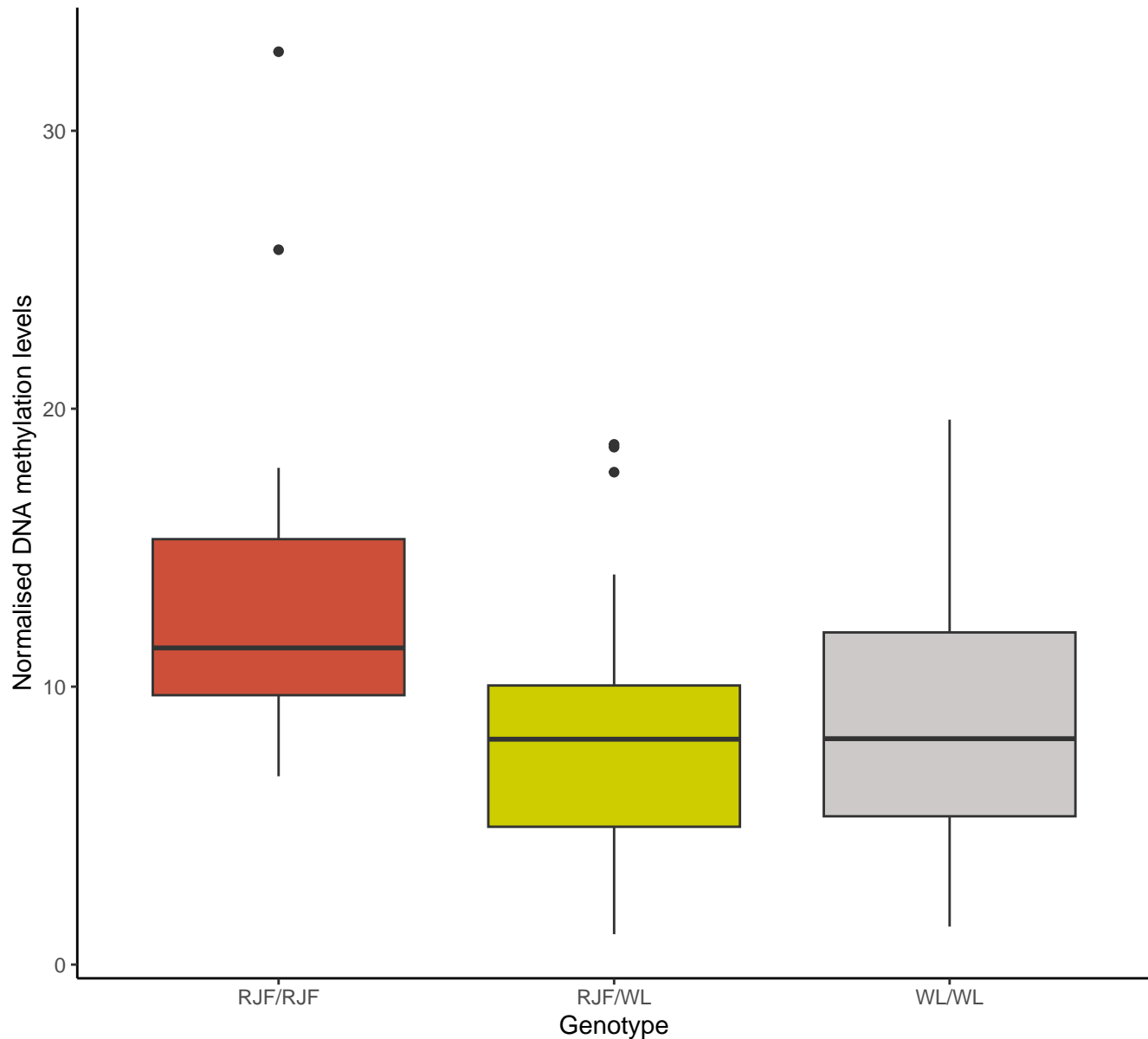
CI: chr14:241.01–265.73cM



trans mQTL | chr12@57.81cM | LOD: 6.21

Methbin: chrZ_30521000 | marker:Gg_rs13609494

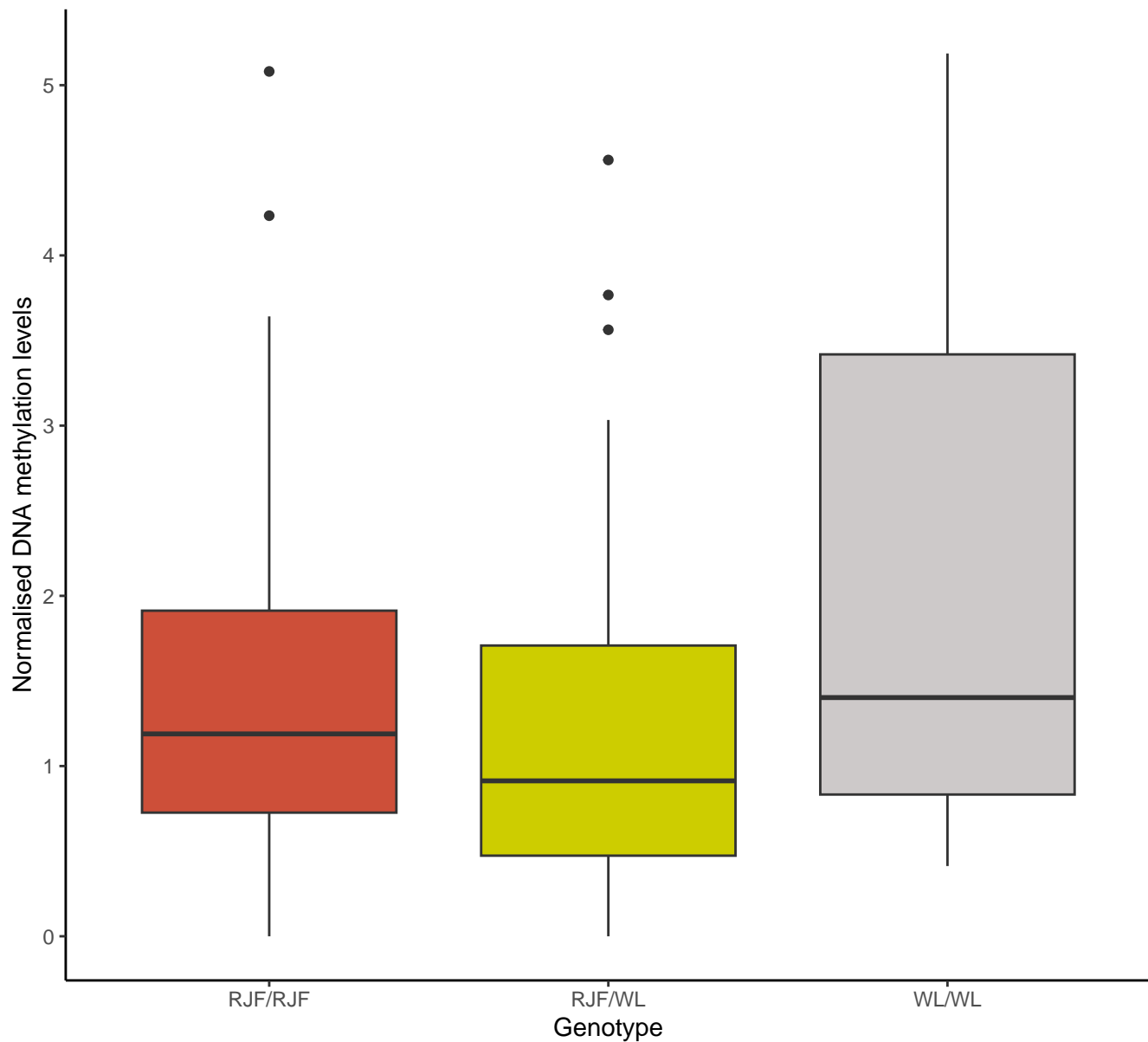
CI: chr12:34.82–85.17cM



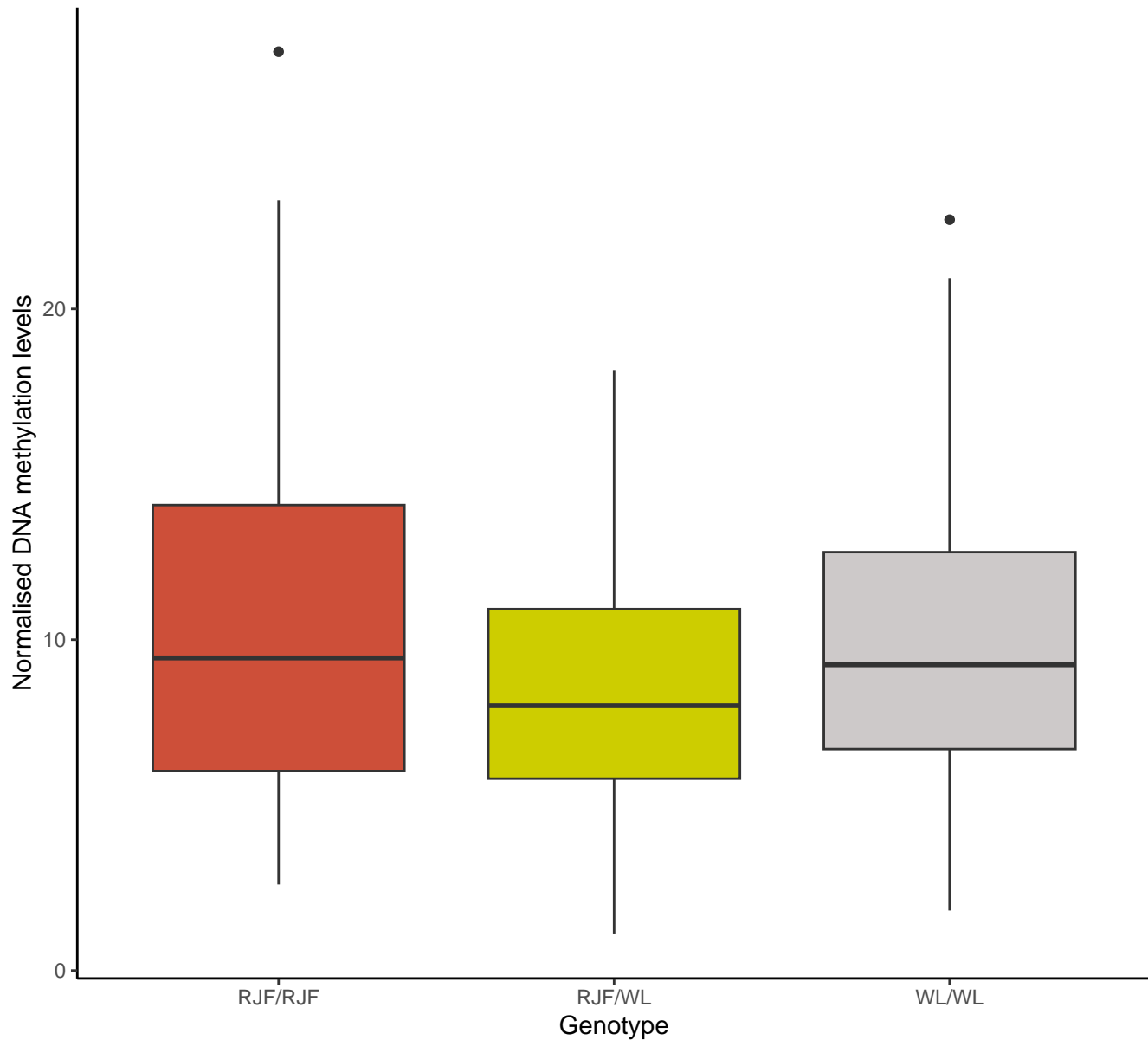
trans mQTL | chr6@105.16cM | LOD: 6.25

Methbin: chrZ_30590000 | marker:Gg_rs14568888

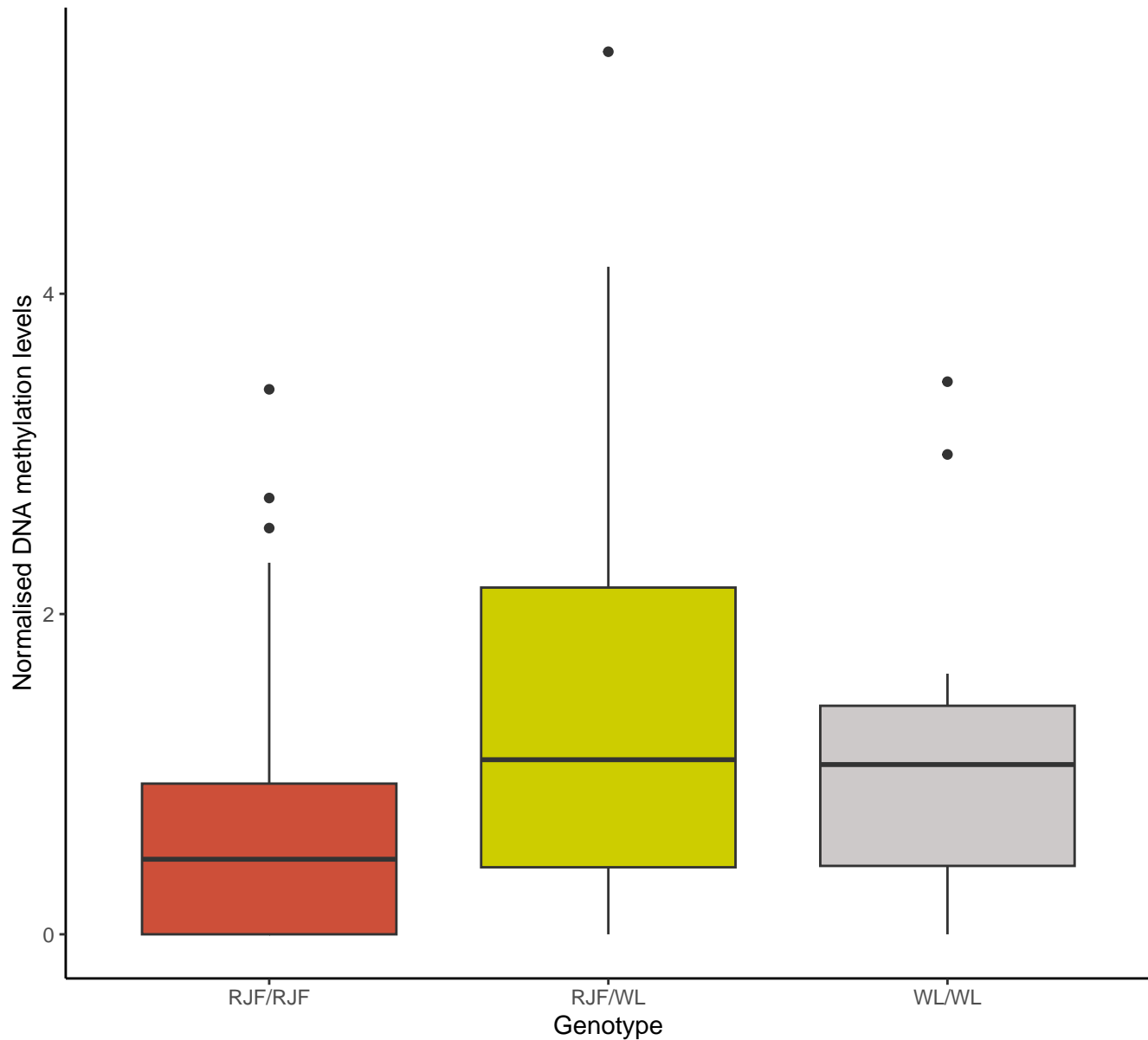
CI: chr6:86.33–126.7cM



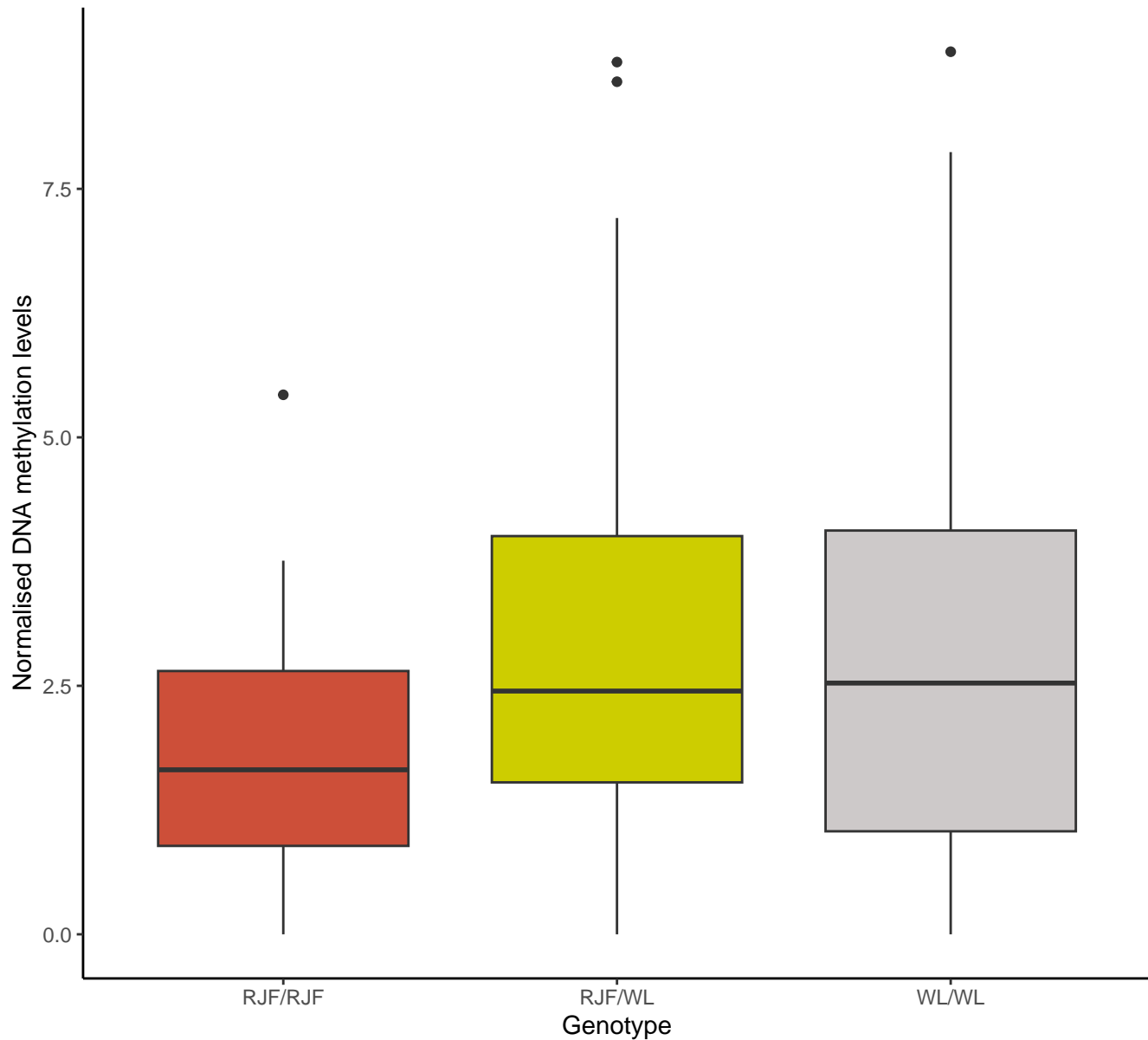
trans mQTL | chr23@122.12cM | LOD: 6.04
Methbin: chrZ_30603000 | marker:Gg_rs15202059
CI: chr23:63.84–154.94cM



trans mQTL | chr1 @ 1688.09cM | LOD: 6.79
Methbin: chrZ_30614000 | marker:snp.146.19.59713.S.2
CI: chr1:1625.53–1728.49cM



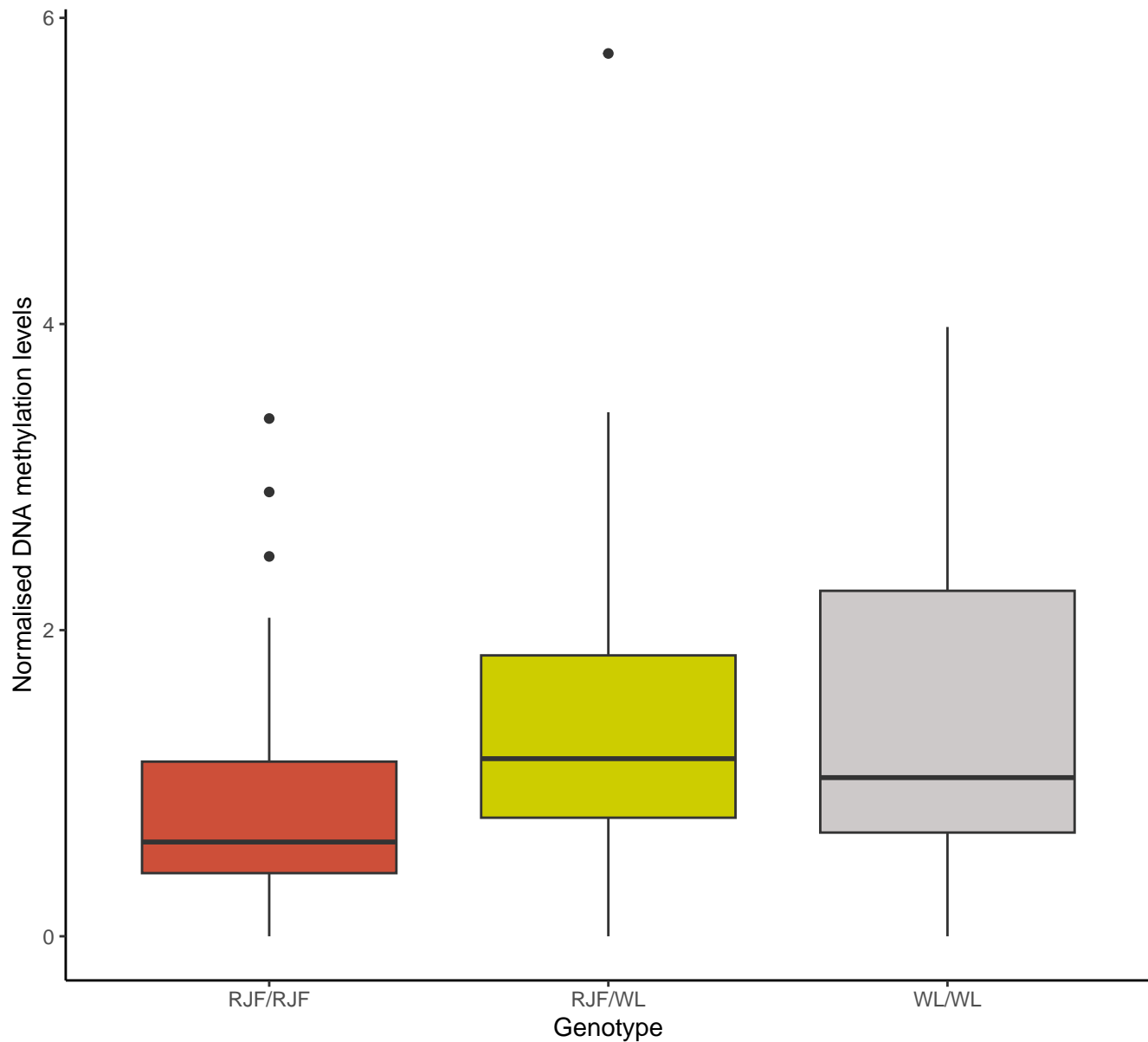
trans mQTL | chr14@265.73cM | LOD: 6.03
Methbin: chrZ_30804000 | marker:rb1871
CI: chr14:241.01–265.73cM



trans mQTL | chr14@265.73cM | LOD: 5.96

Methbin: chrZ_30896000 | marker:rb1871

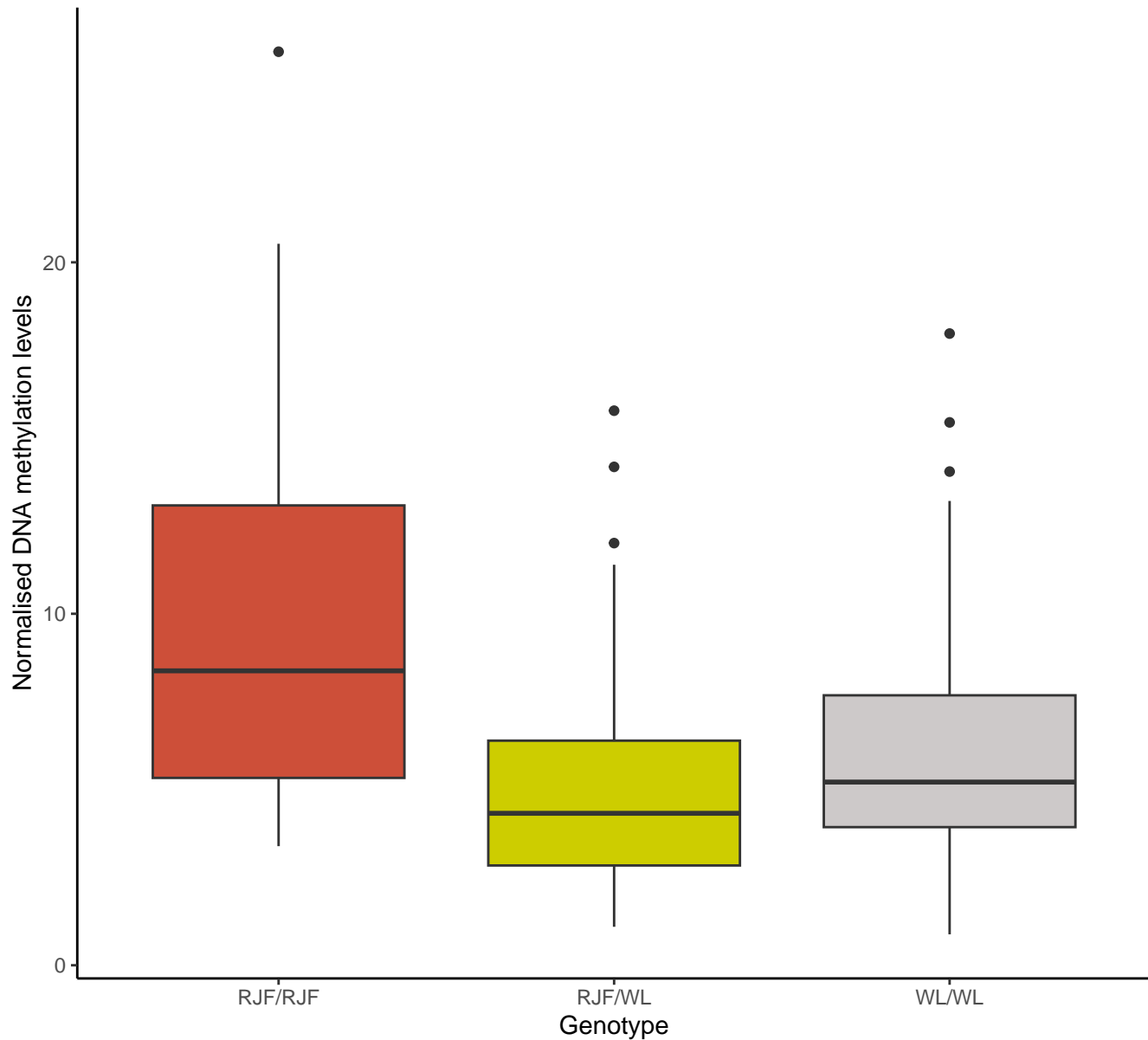
CI: chr14:241.01–265.73cM



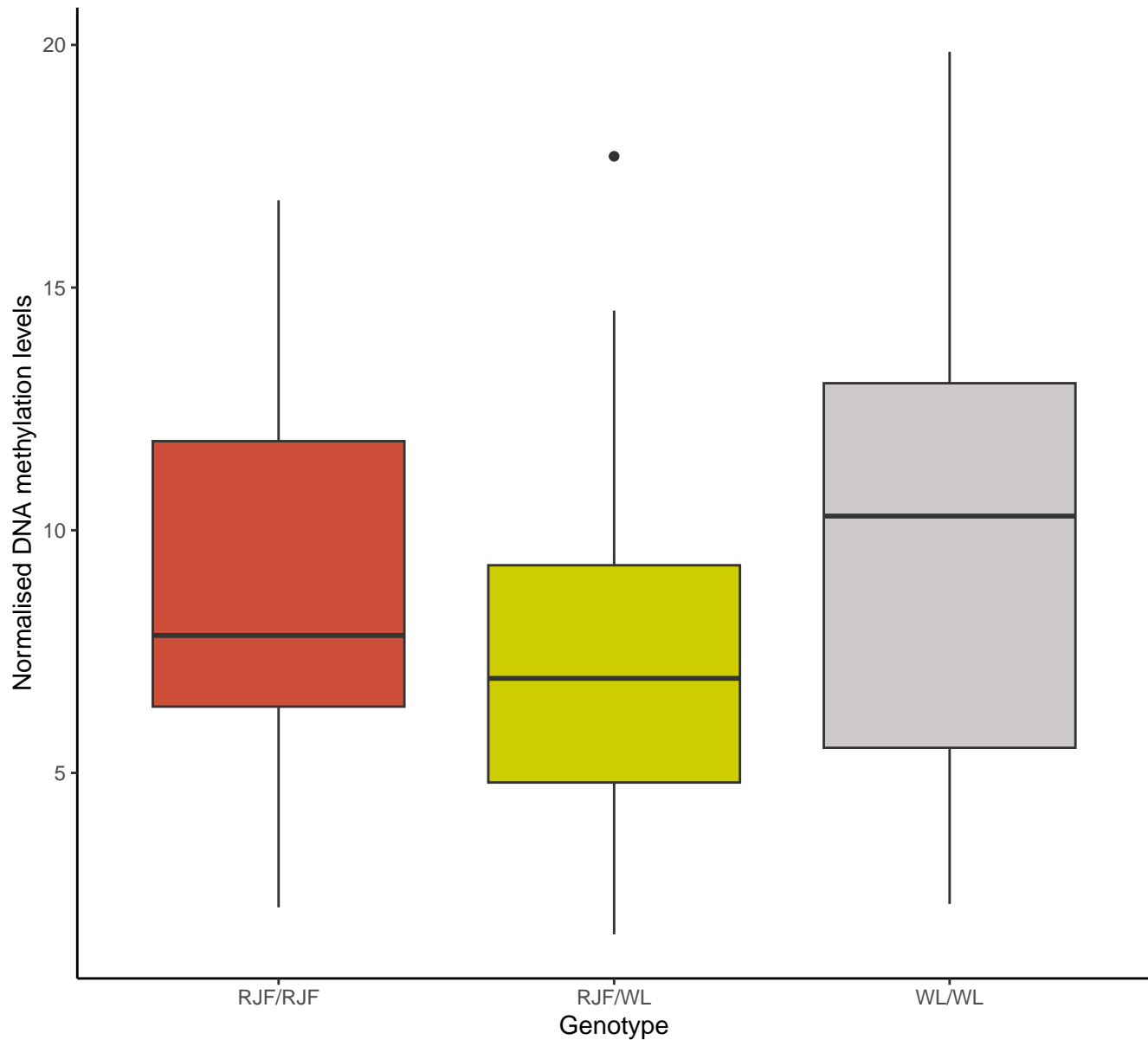
trans mQTL | chr12@57.81cM | LOD: 6.27

Methbin: chrZ_31021000 | marker:Gg_rs13609494

CI: chr12:34.82–85.17cM



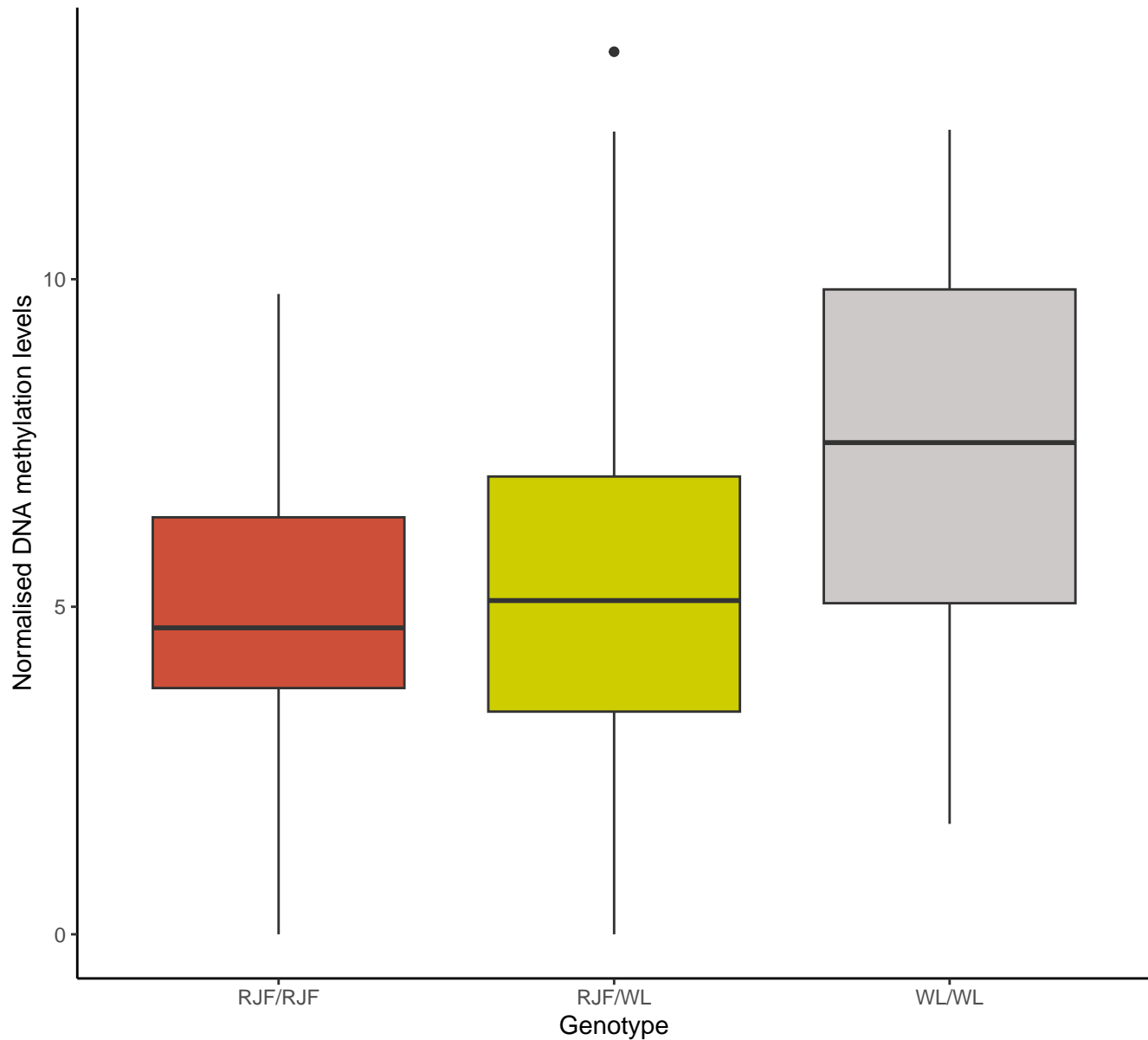
trans mQTL | chr24@0cM | LOD: 6.21
Methbin: chrZ_31038000 | marker:Gg_rs14292805
CI: chr24:0-14.08cM



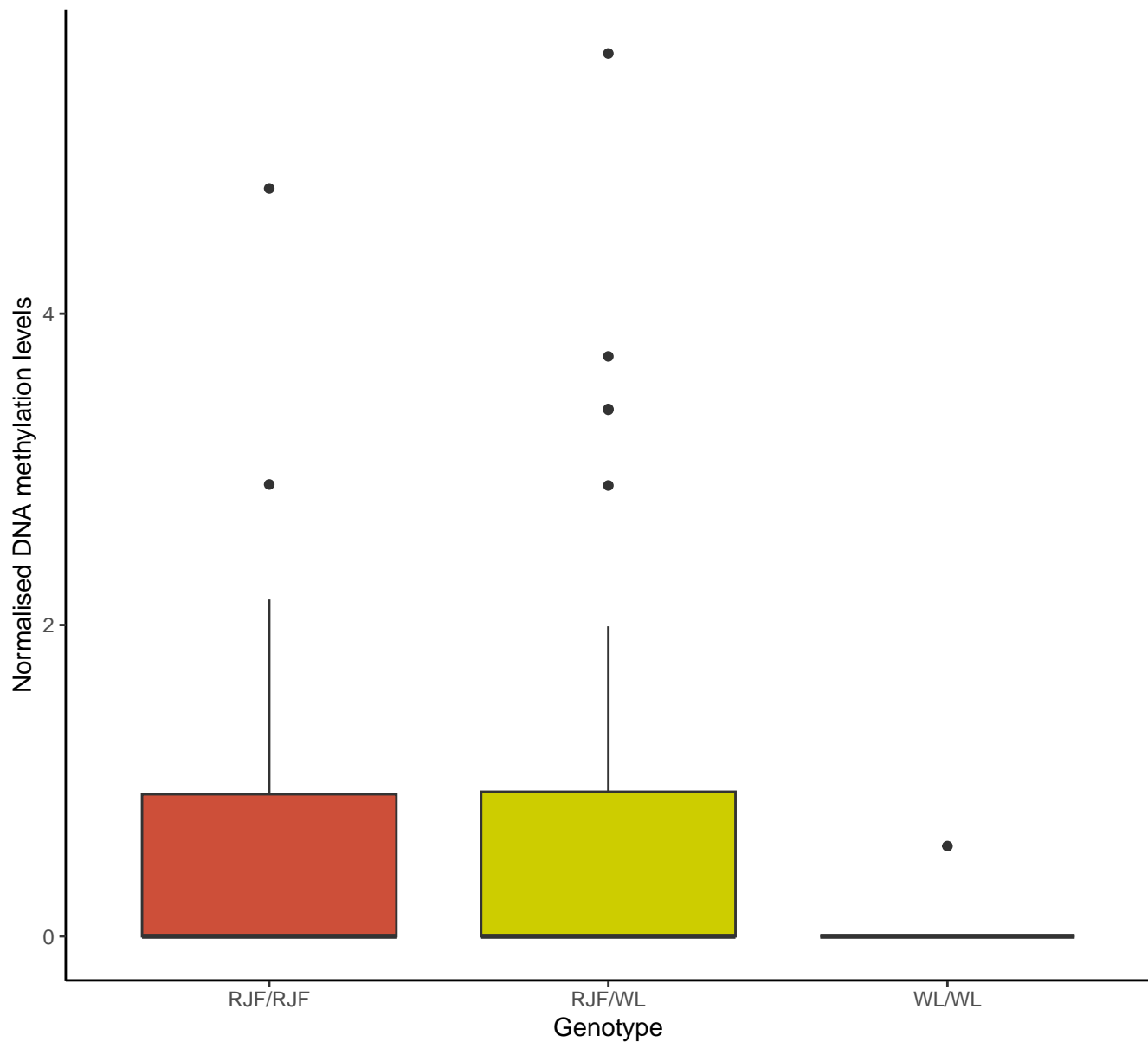
trans mQTL | chr2@733.11cM | LOD: 6.34

Methbin: chrZ_31165000 | marker:Gg_rs15123125

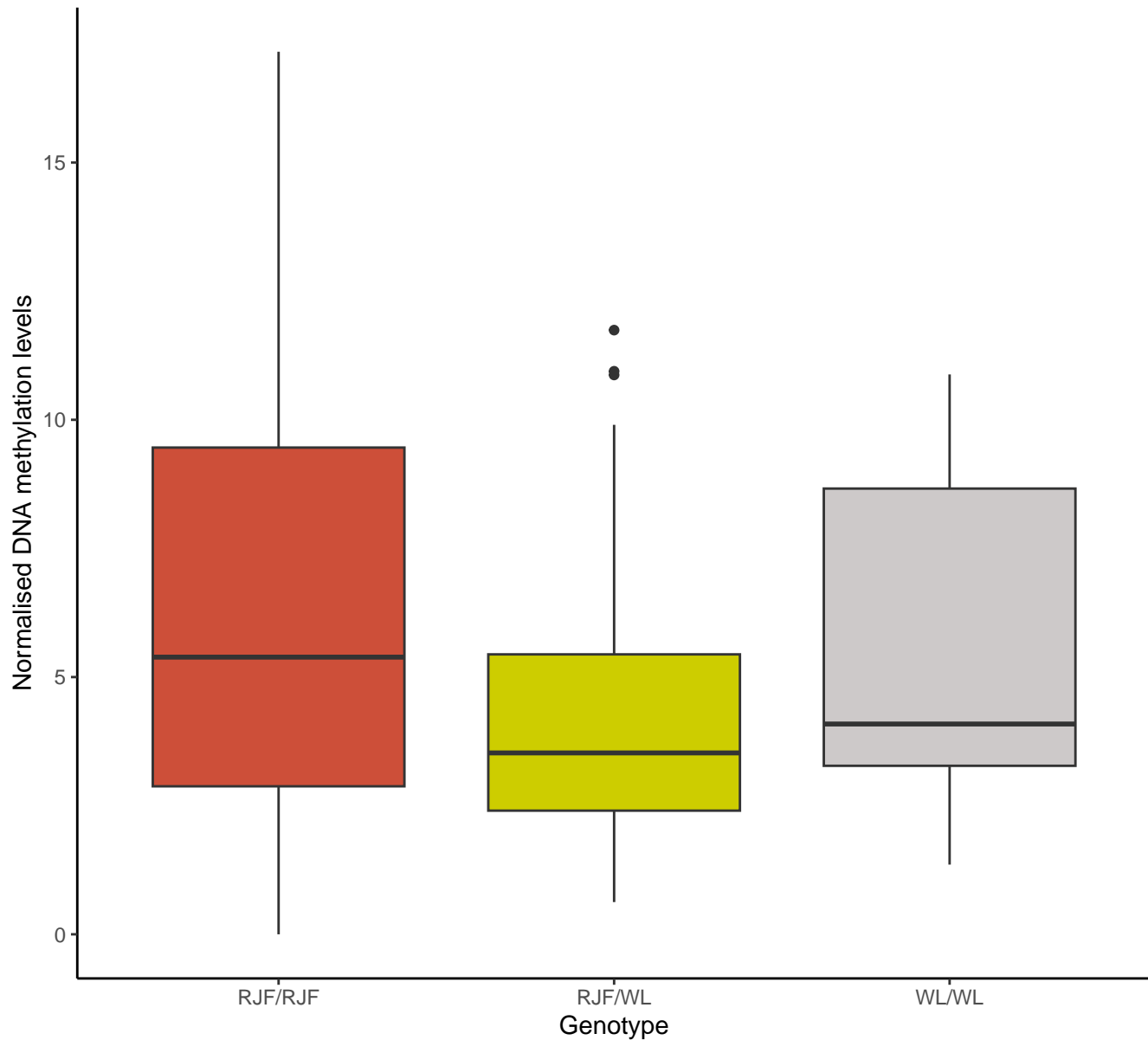
CI: chr2:712.97–740.86cM



trans mQTL | chr2@1139.07cM | LOD: 6.25
Methbin: chrZ_31234000 | marker:Gg_rs14253602
CI: chr2:1130.68–1162.46cM



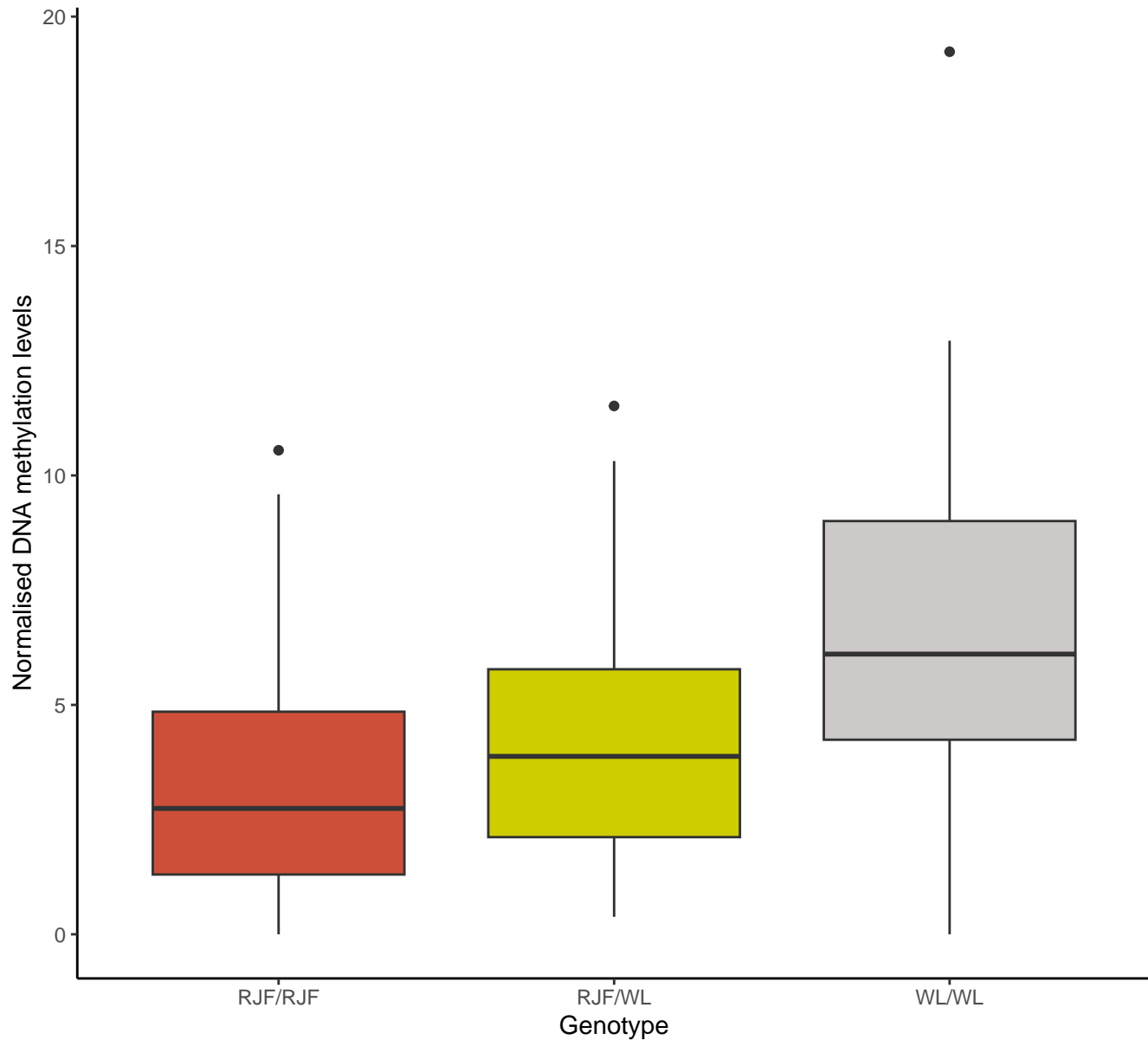
trans mQTL | chr3@359cM | LOD: 8.06
Methbin: chrZ_31549000 | marker:Gg_rs15326621
CI: chr3:351.44–375.03cM



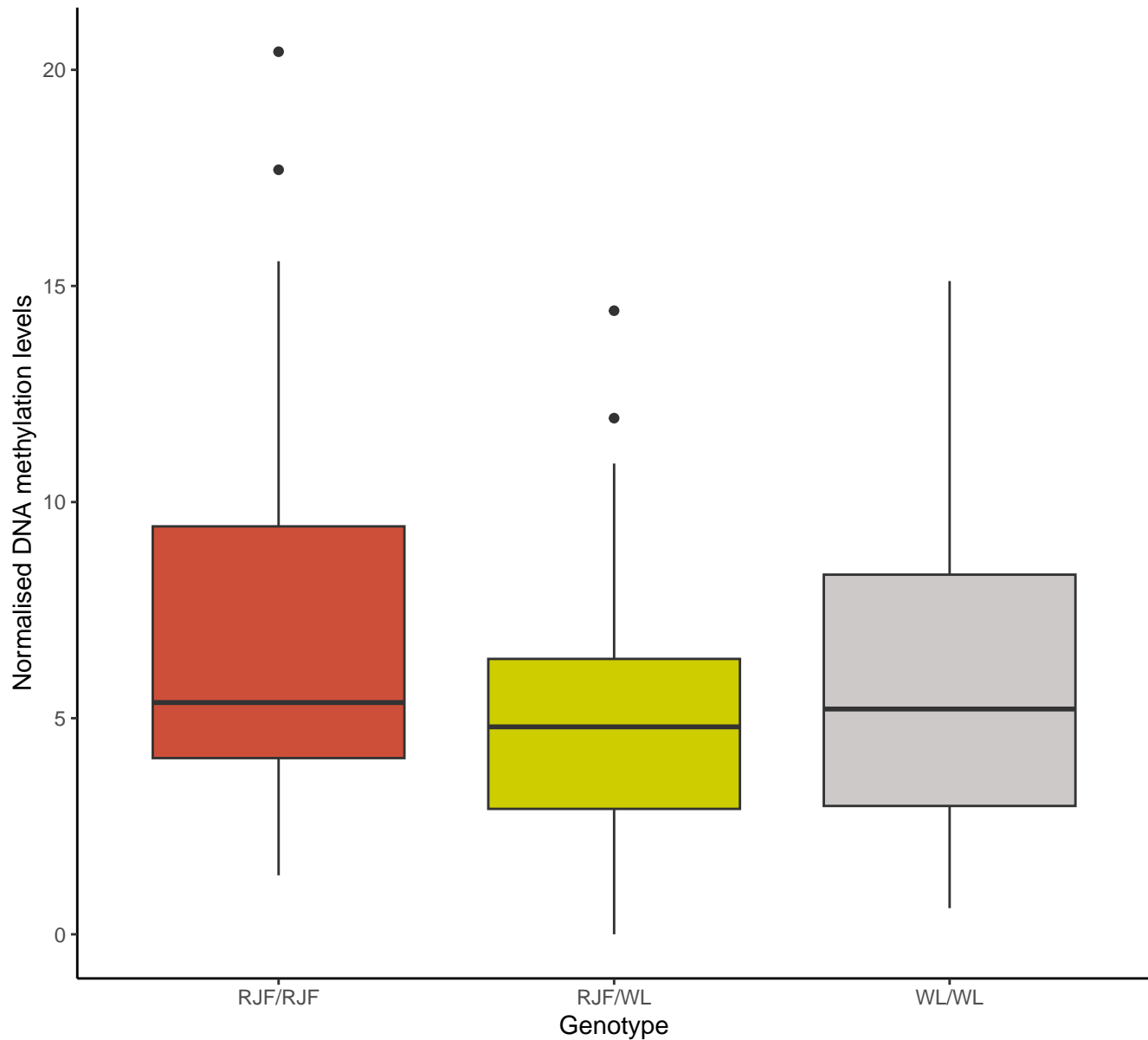
trans mQTL | chr3@219cM | LOD: 6.64

Methbin: chrZ_31557000 | marker:Gg_rs15282380

CI: chr3:181–270.84cM



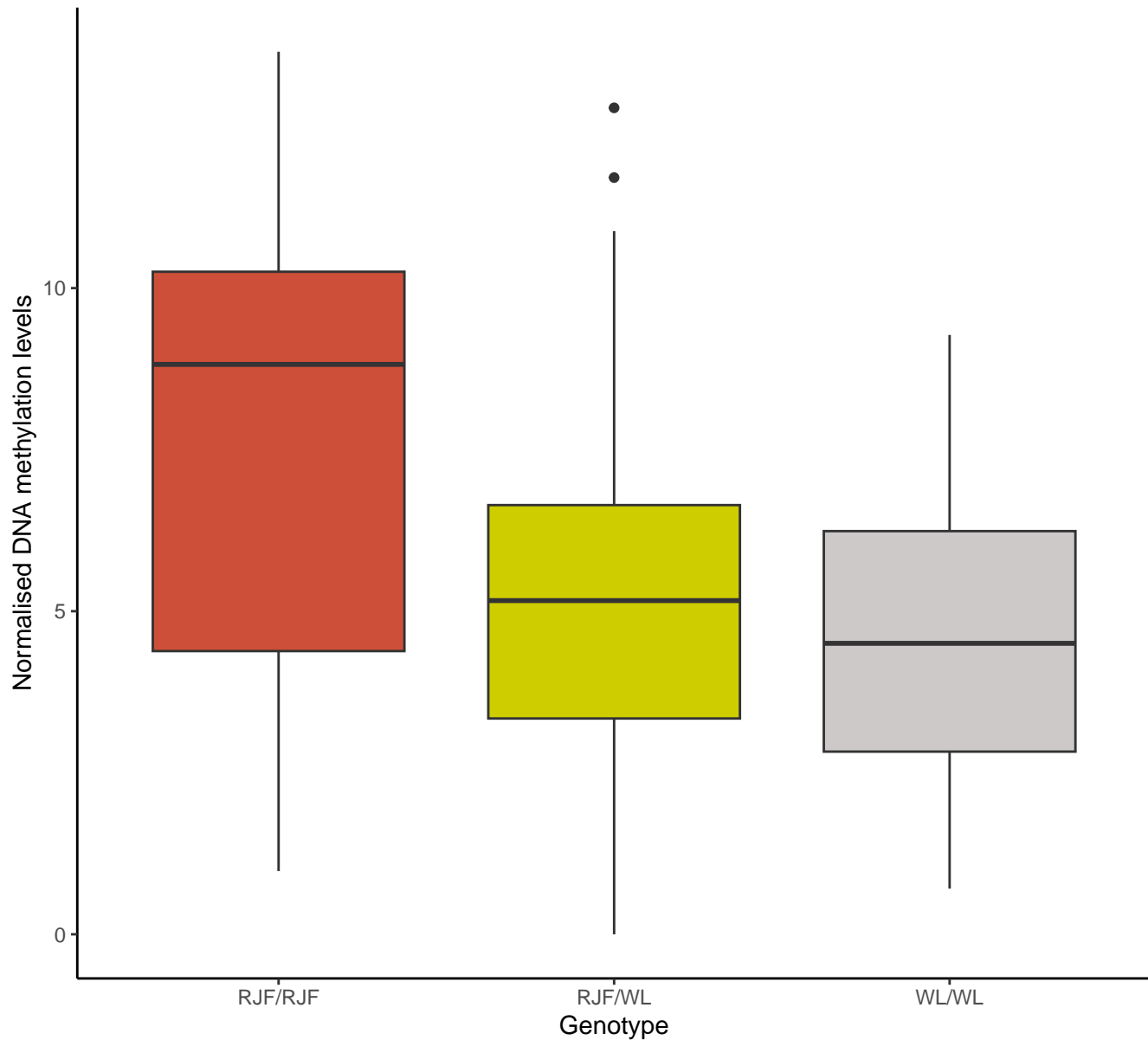
trans mQTL | chr1@1410.84cM | LOD: 7.94
Methbin: chrZ_31580000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



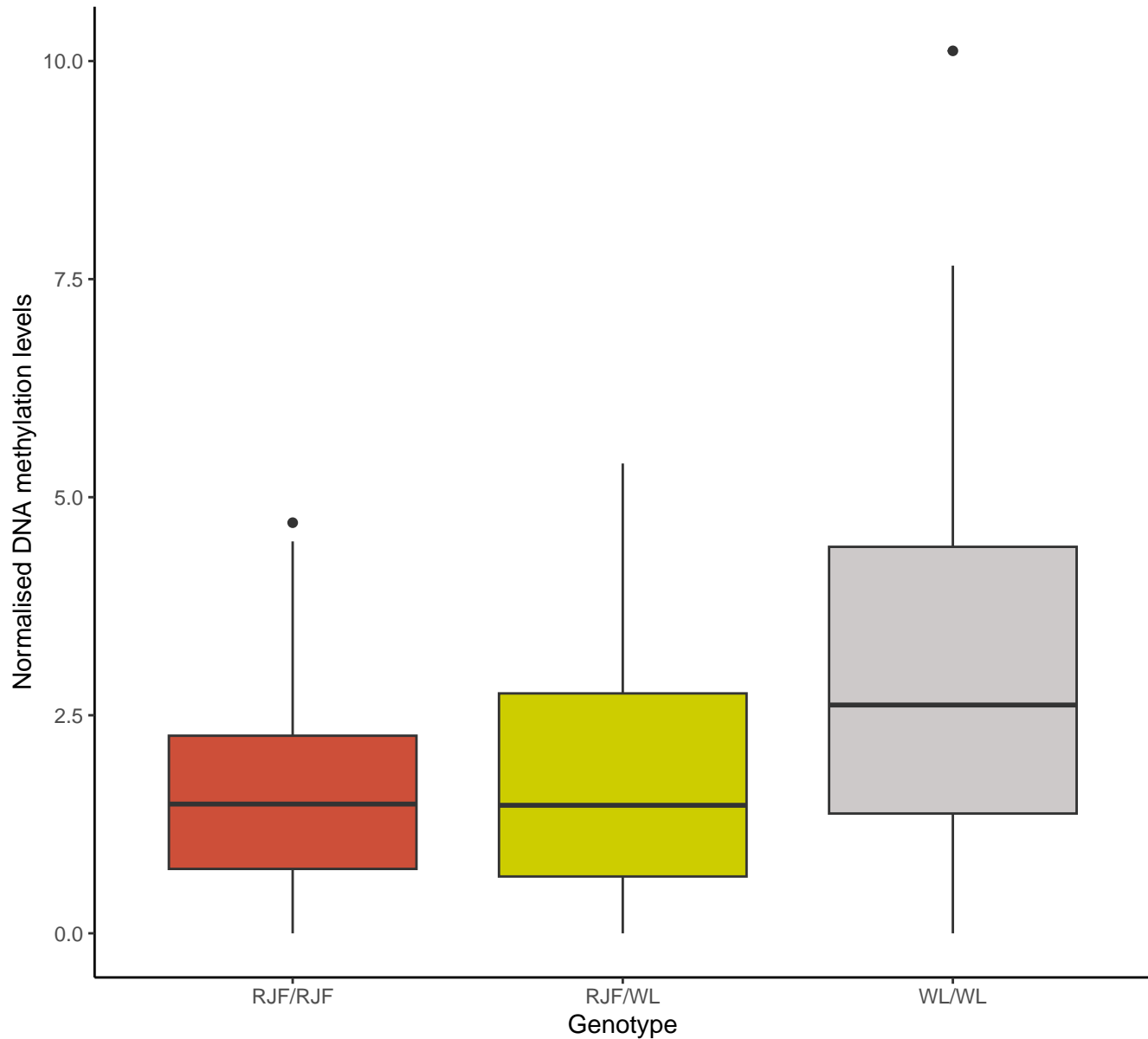
trans mQTL | chr21 @8.69cM | LOD: 6.97

Methbin: chrZ_31751000 | marker:GG_rs15181258

CI: chr21:0–16.35cM



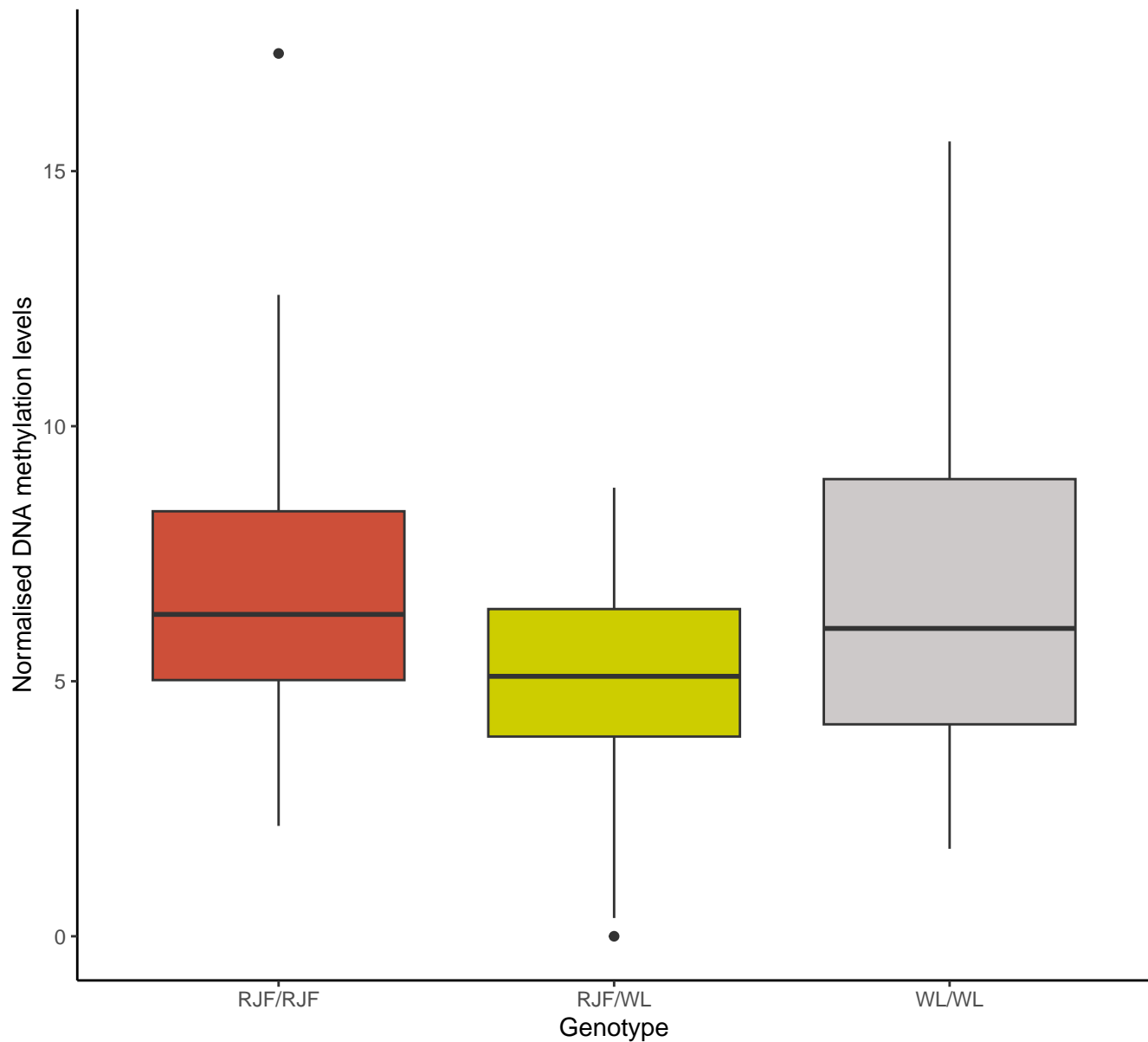
trans mQTL | chr3@745.46cM | LOD: 7.65
Methbin: chrZ_31943000 | marker:Gg_rs14413960
CI: chr3:733.93–745.46cM



trans mQTL | chr1@281.94cM | LOD: 5.99

Methbin: chrZ_32044000 | marker:Gg_rs14793763

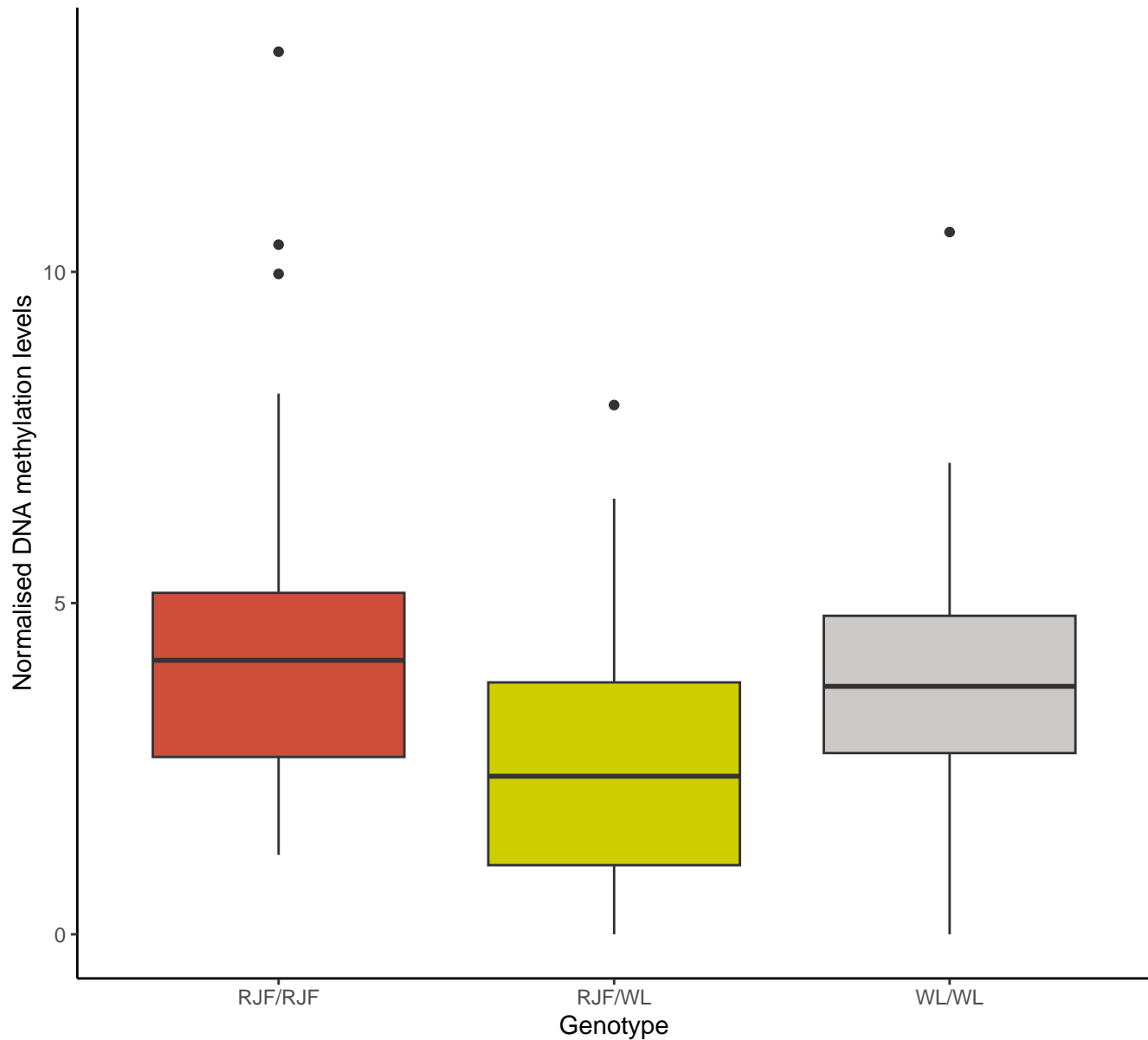
CI: chr1:269.61–296.72cM



trans mQTL | chr3@571.83cM | LOD: 6.74

Methbin: chrZ_32063000 | marker:Gg_rs14386273

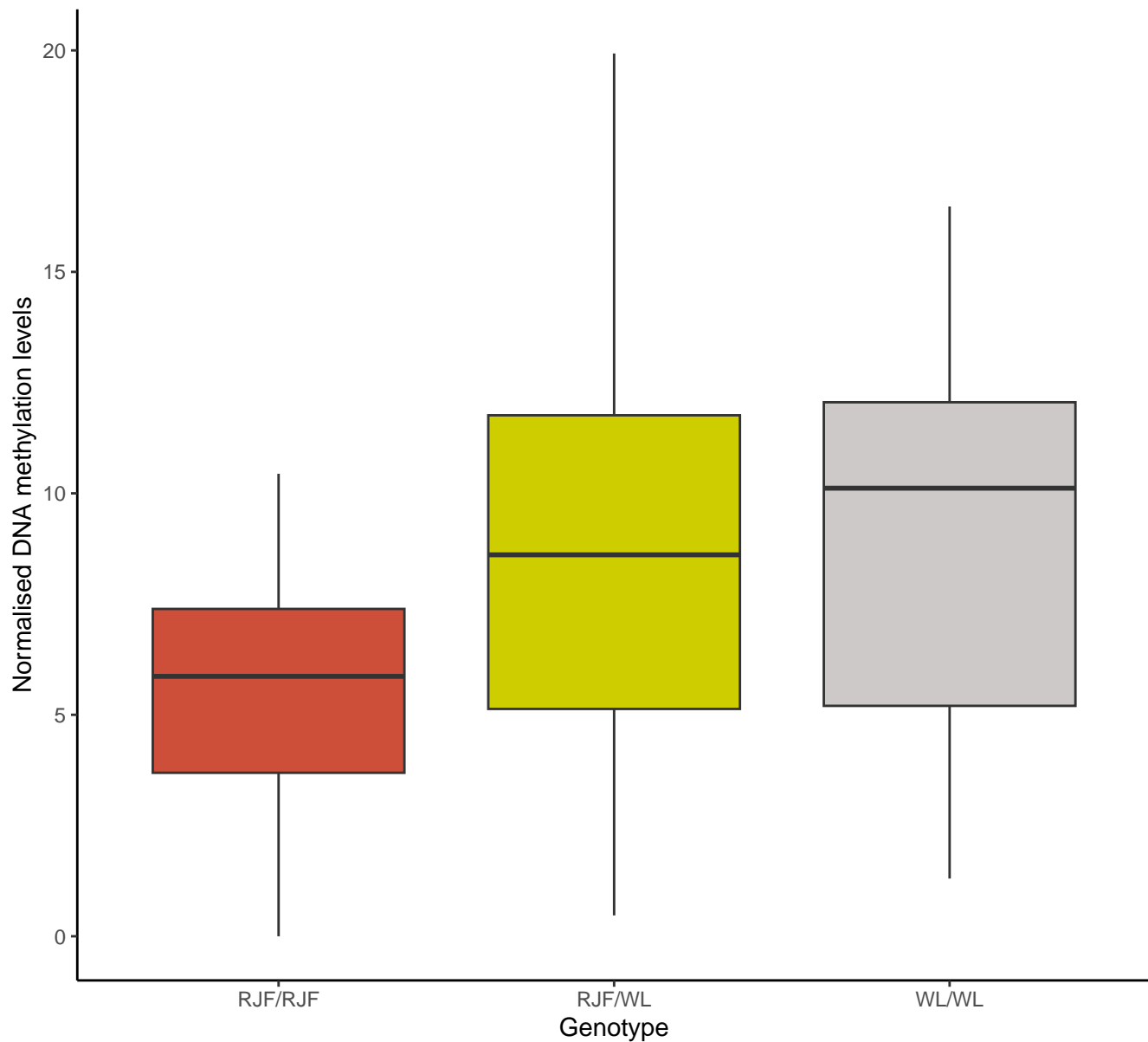
CI: chr3:557.74–578.5cM



trans mQTL | chr6@324.93cM | LOD: 6.41

Methbin: chrZ_32095000 | marker:Gg_rs15817738

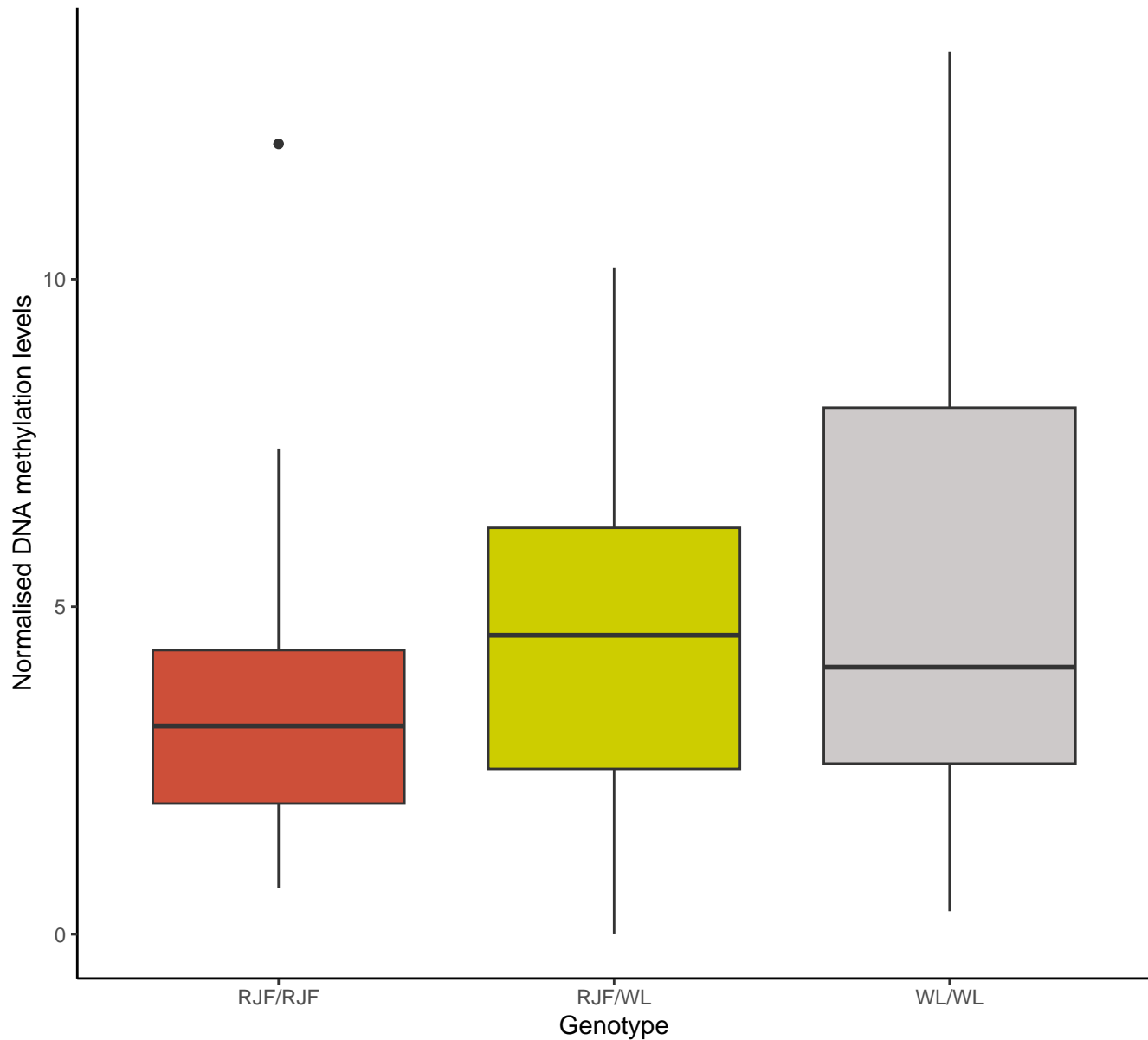
CI: chr6:299.59–324.93cM



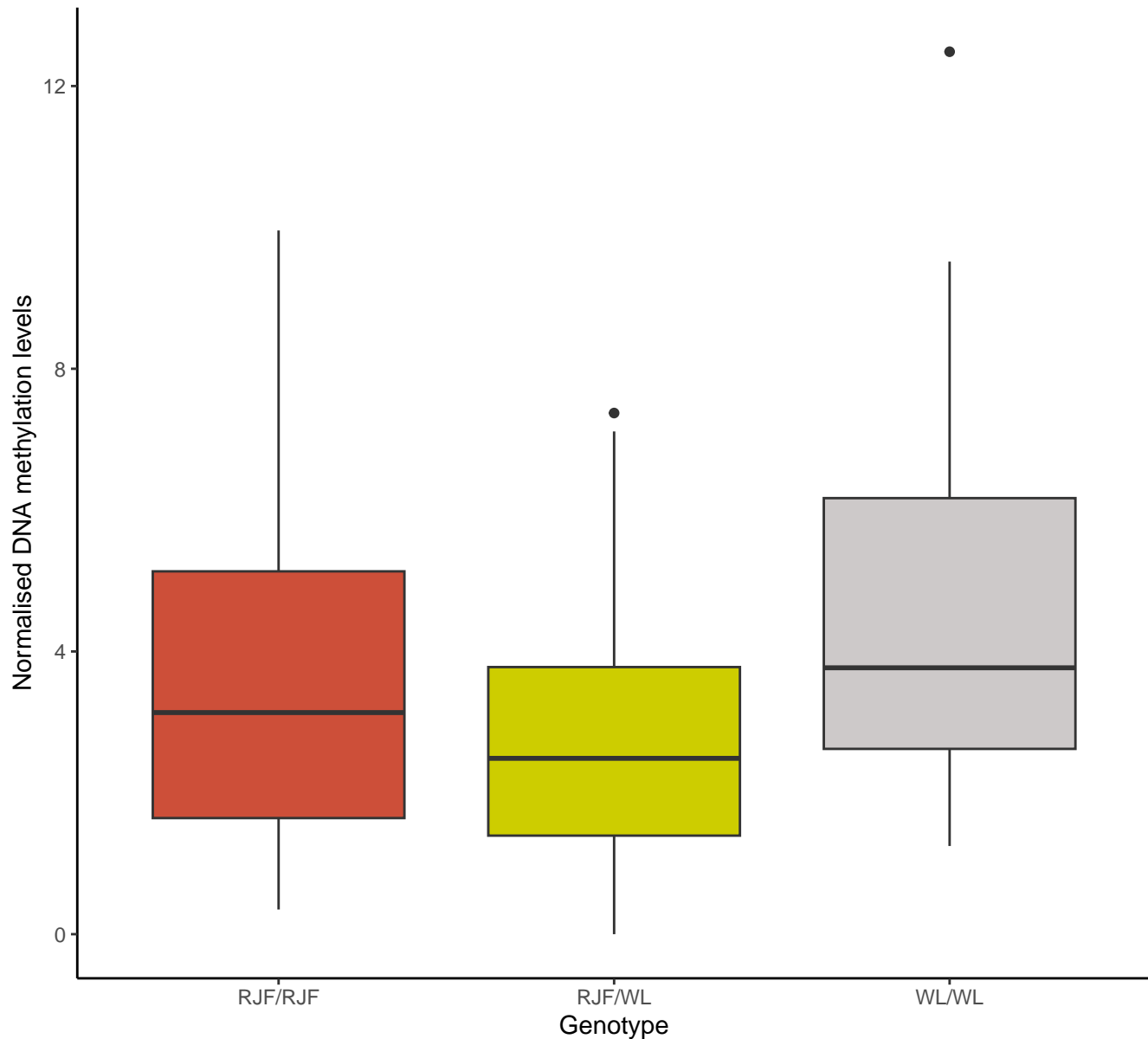
trans mQTL | chr14@265.73cM | LOD: 6.21

Methbin: chrZ_32106000 | marker:rb11871

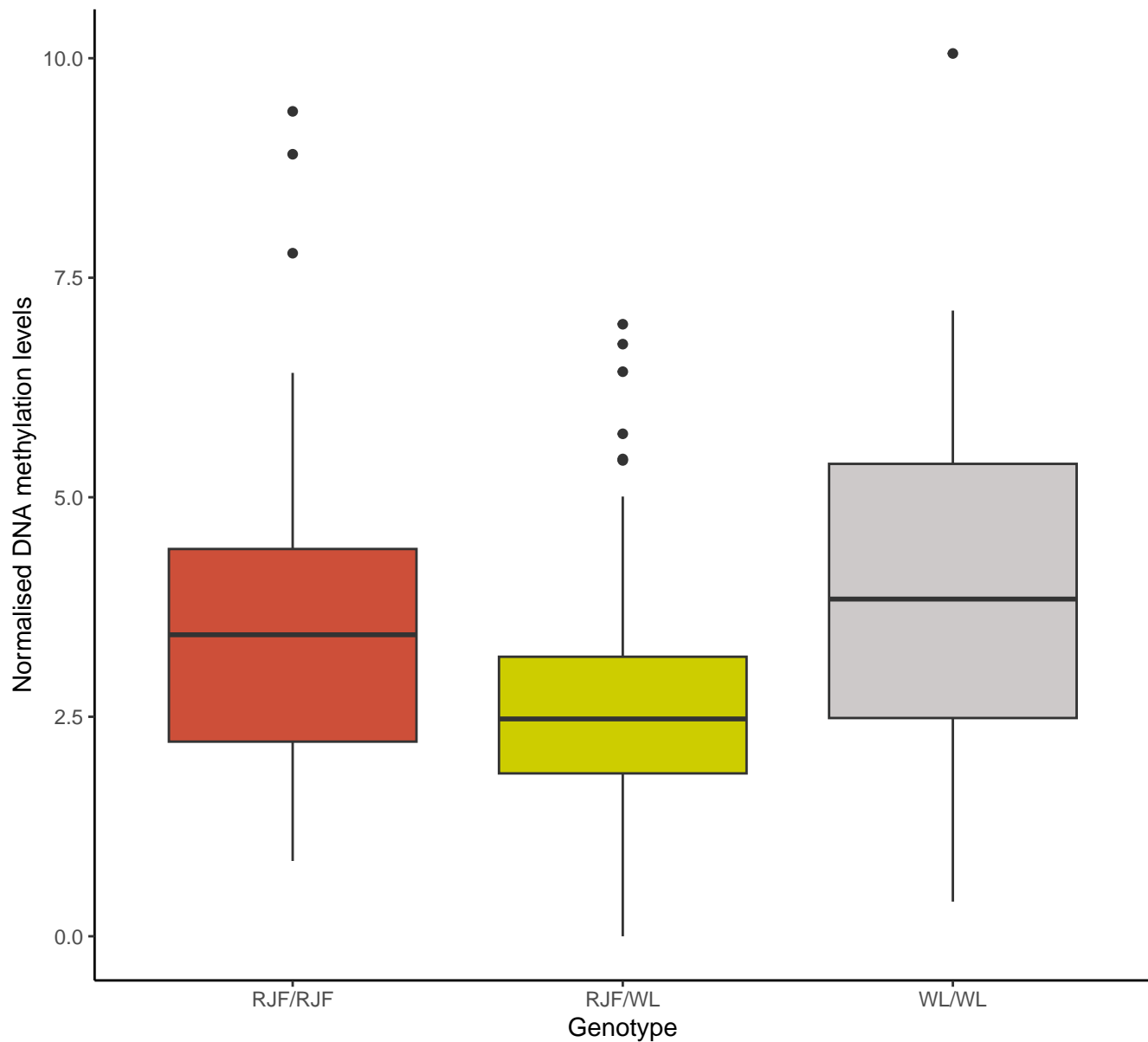
CI: chr14:241.01–265.73cM



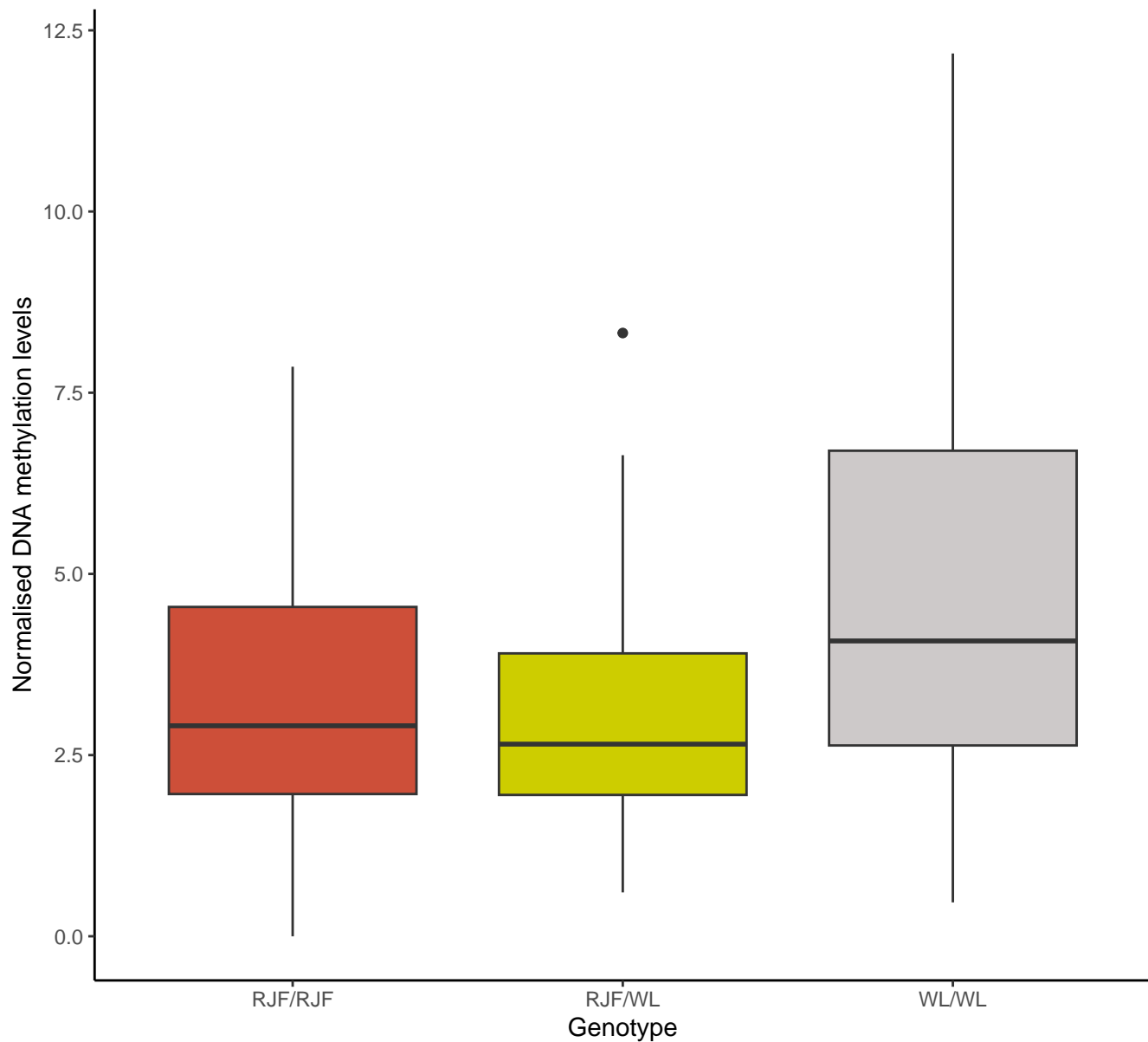
trans mQTL | chr2@961.05cM | LOD: 6.82
Methbin: chrZ_32174000 | marker:rb12524
CI: chr2:942.45–980.09cM



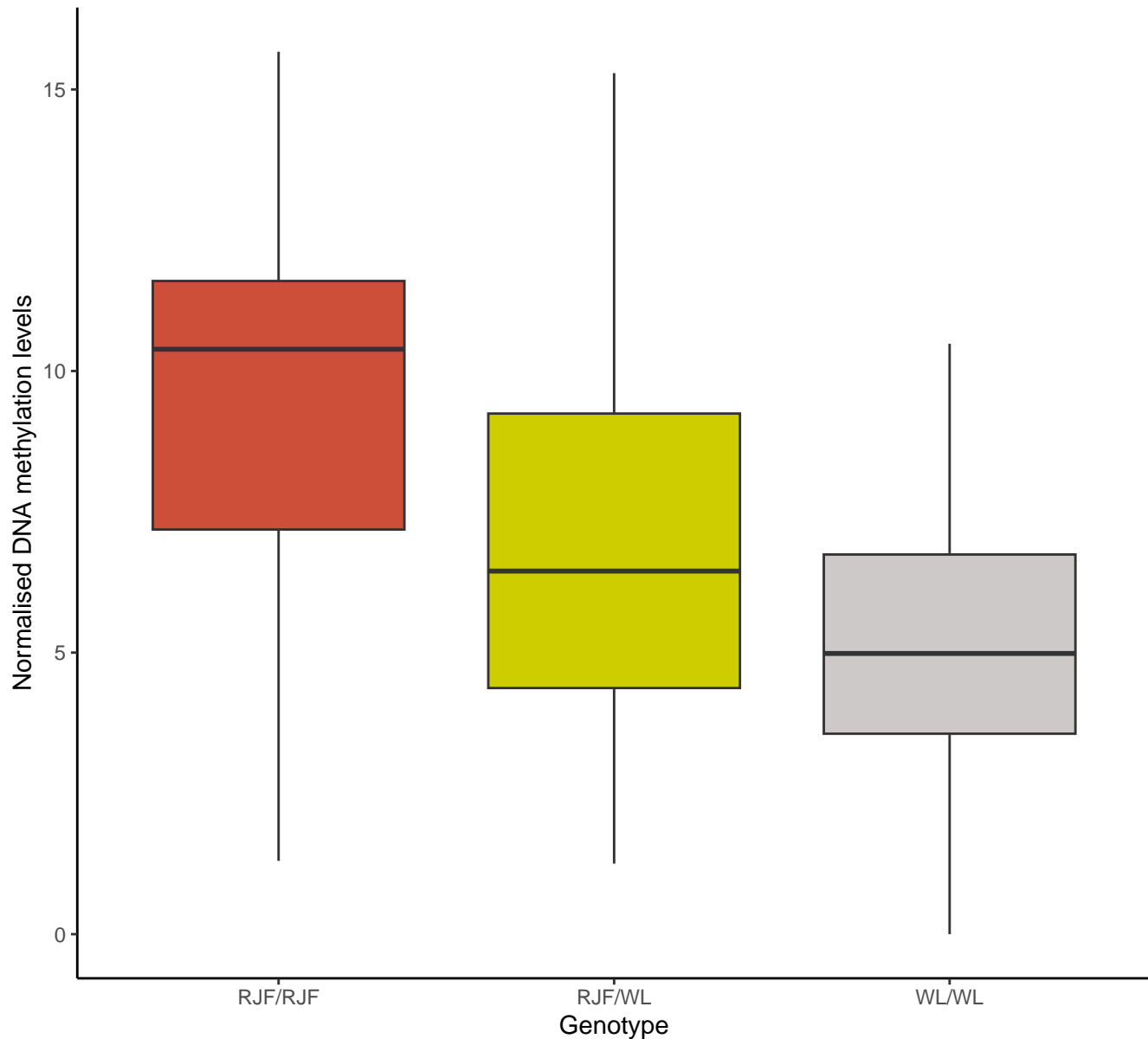
trans mQTL | chr23@154.94cM | LOD: 6.46
Methbin: chrZ_32195000 | marker:Gg_rs15205981
CI: chr23:122.12–154.94cM



trans mQTL | chr19@62.01cM | LOD: 9.1
Methbin: chrZ_32323000 | marker:Gg_rs14119166
CI: chr19:27.2–76.97cM



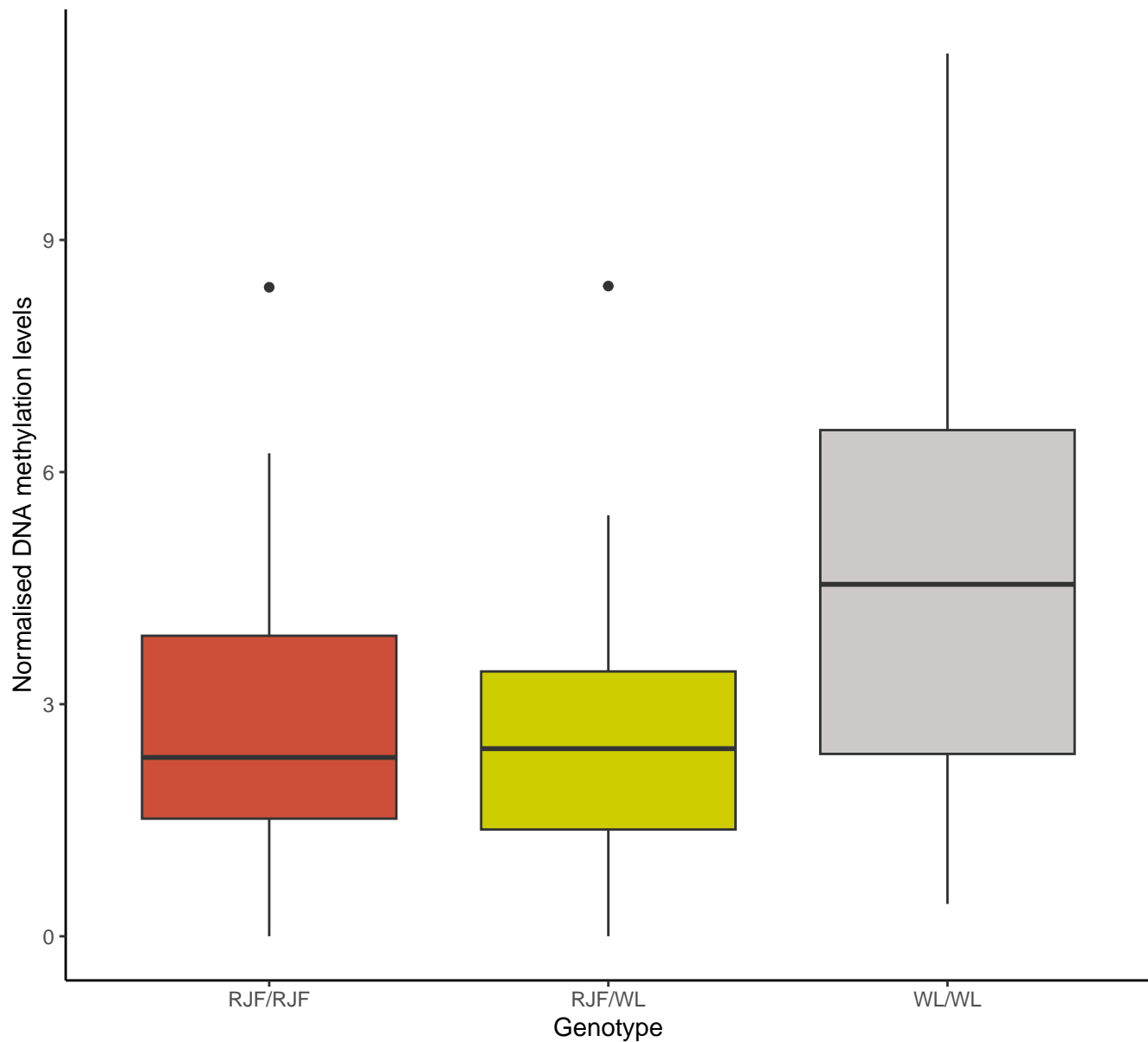
trans mQTL | chr22@62.4cM | LOD: 6.26
Methbin: chrZ_32781000 | marker:Gg_rs15187890
CI: chr22:50.52–62.4cM



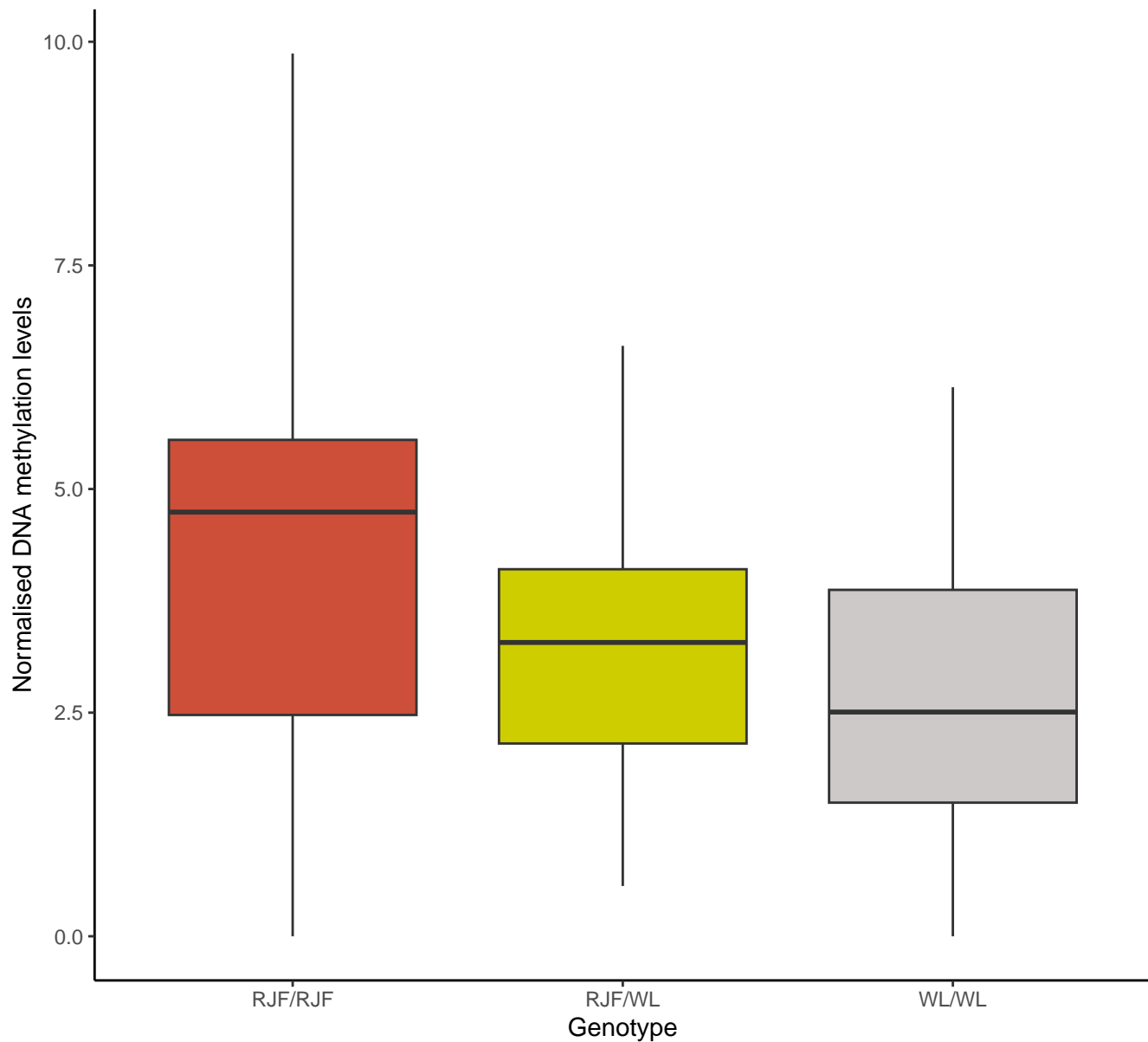
trans mQTL | chr6@105.16cM | LOD: 7.54

Methbin: chrZ_33273000 | marker:Gg_rs14568888

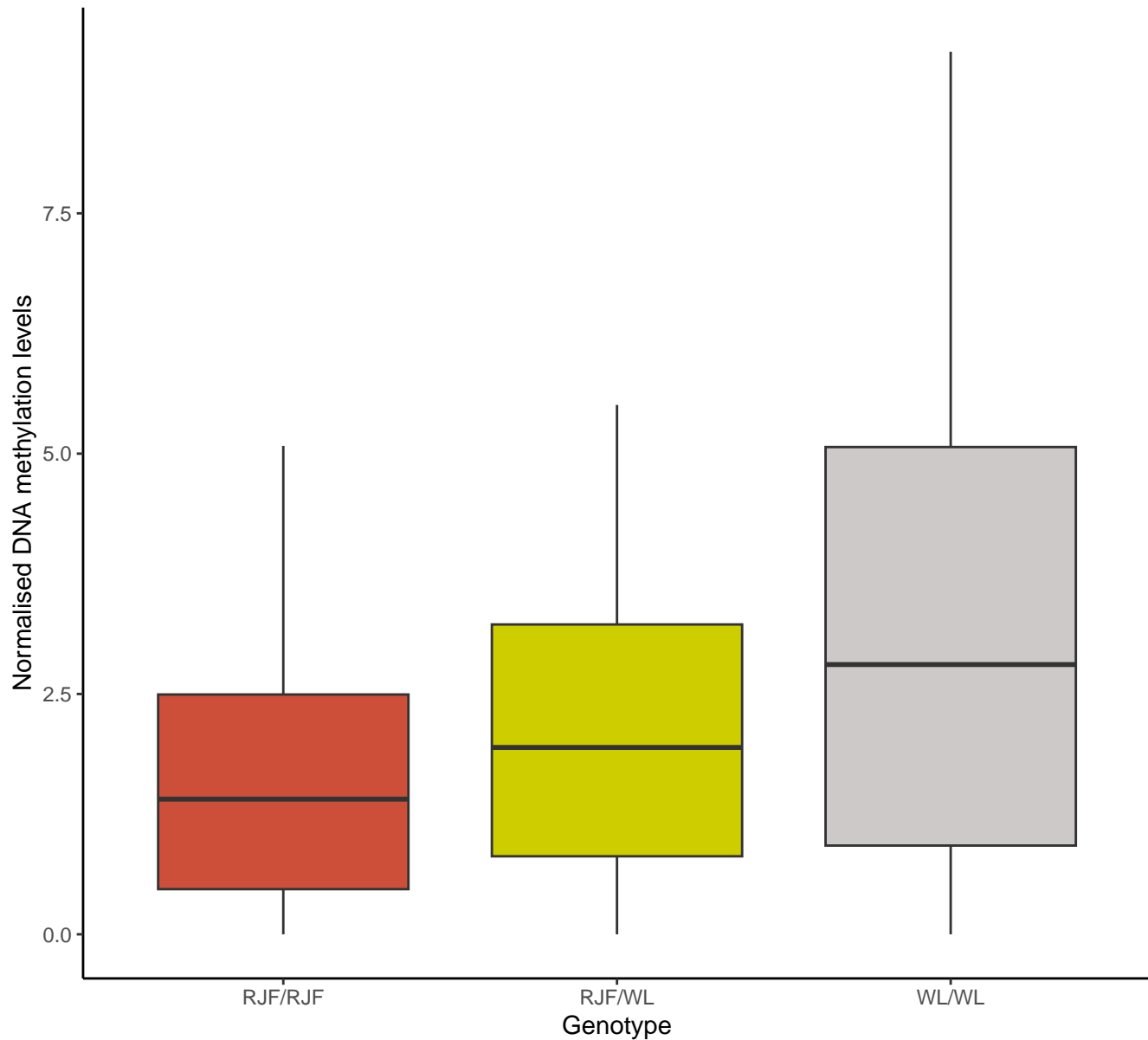
CI: chr6:86.33–112.27cM



trans mQTL | chr9@0cM | LOD: 6.07
Methbin: chrZ_33351000 | marker:Gg_rs15944485
CI: chr9:0–35.47cM



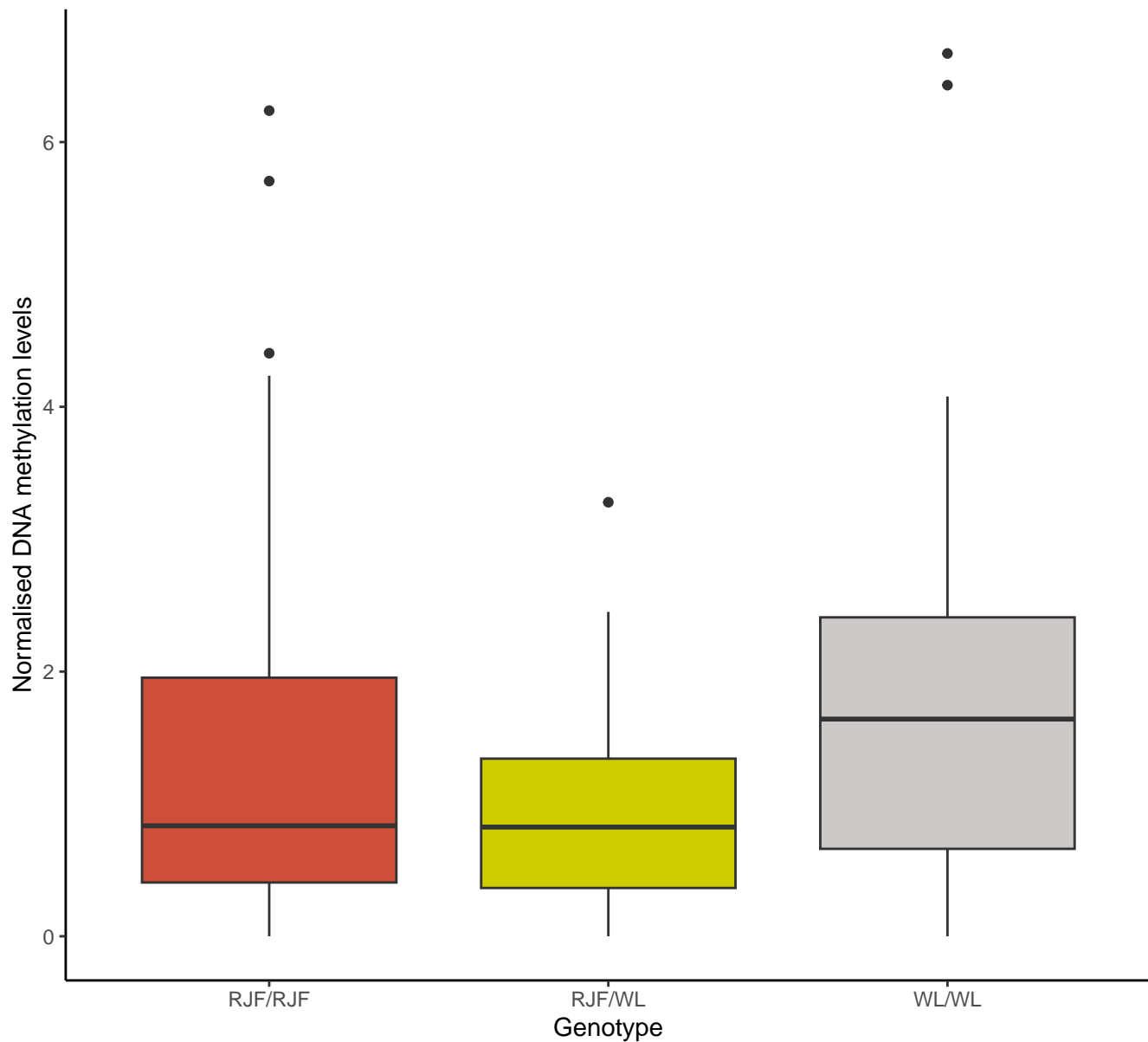
trans mQTL | chr6@112.27cM | LOD: 6.93
Methbin: chrZ_33415000 | marker:Gg_rs15773041
CI: chr6:105.16–126.7cM



trans mQTL | chr4@0cM | LOD: 6.68

Methbin: chrZ_33432000 | marker:X4_1267185

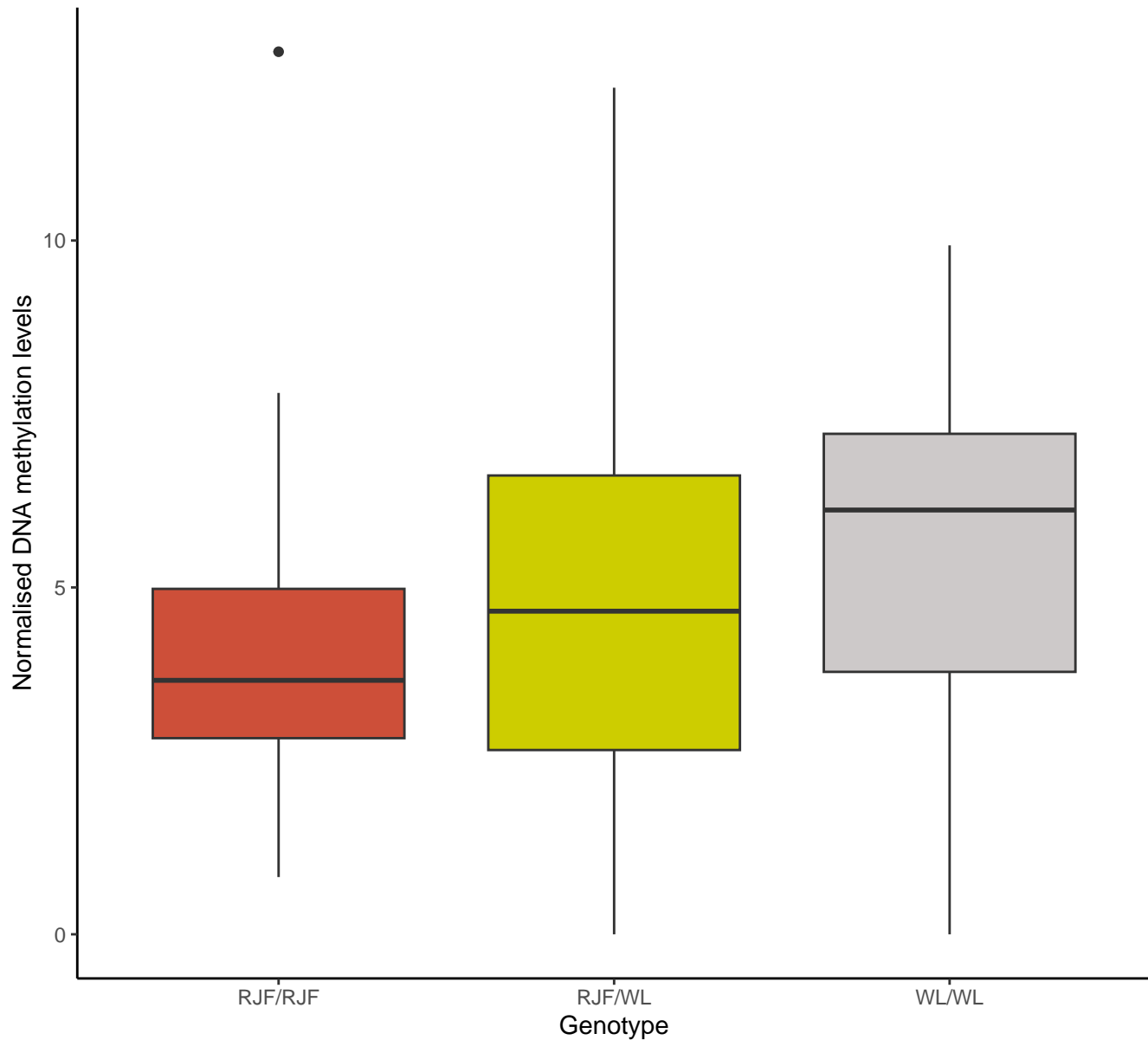
CI: chr4:0-10.25cM



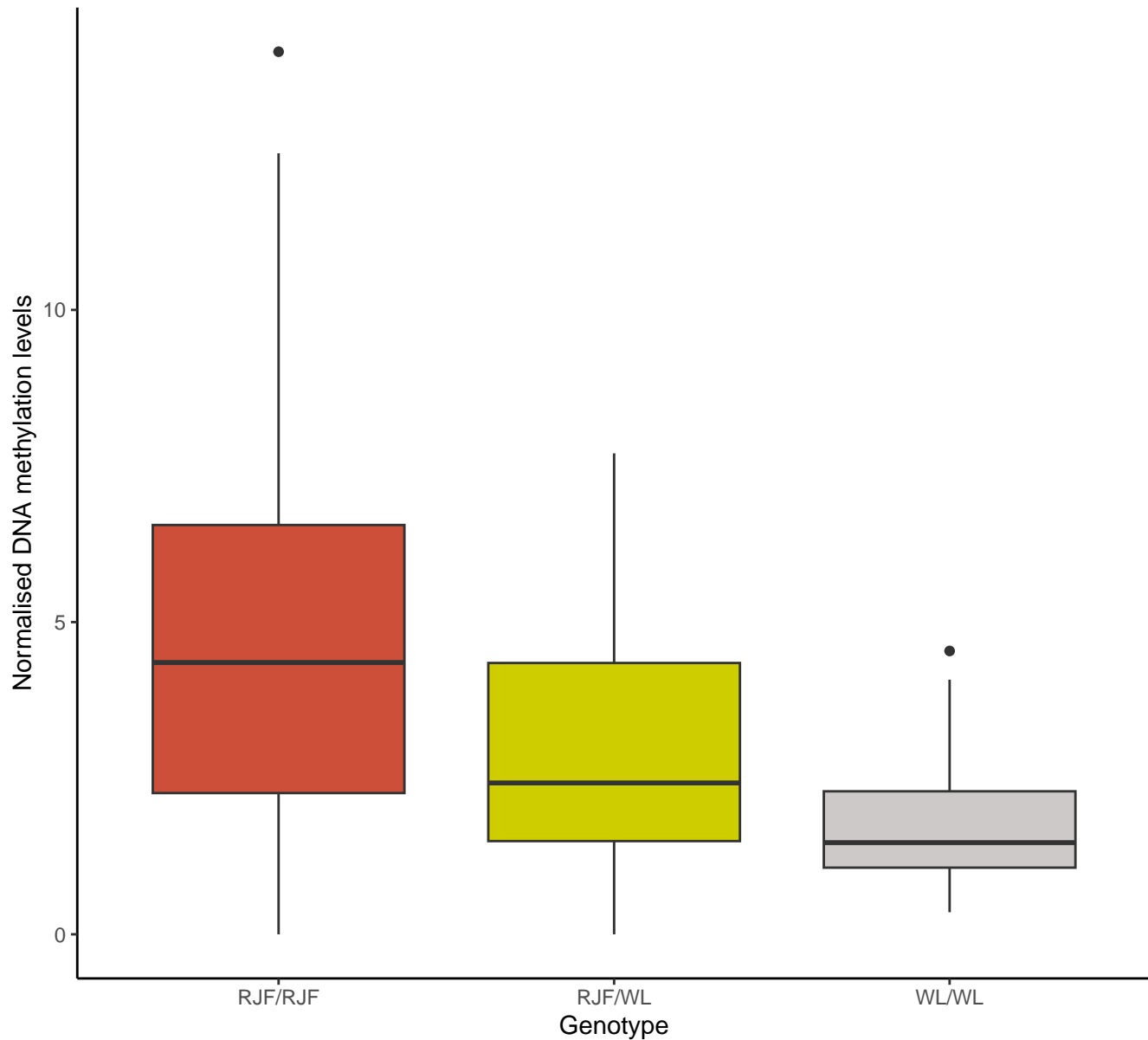
trans mQTL | chr14@265.73cM | LOD: 6.19

Methbin: chrZ_33527000 | marker:rbl1871

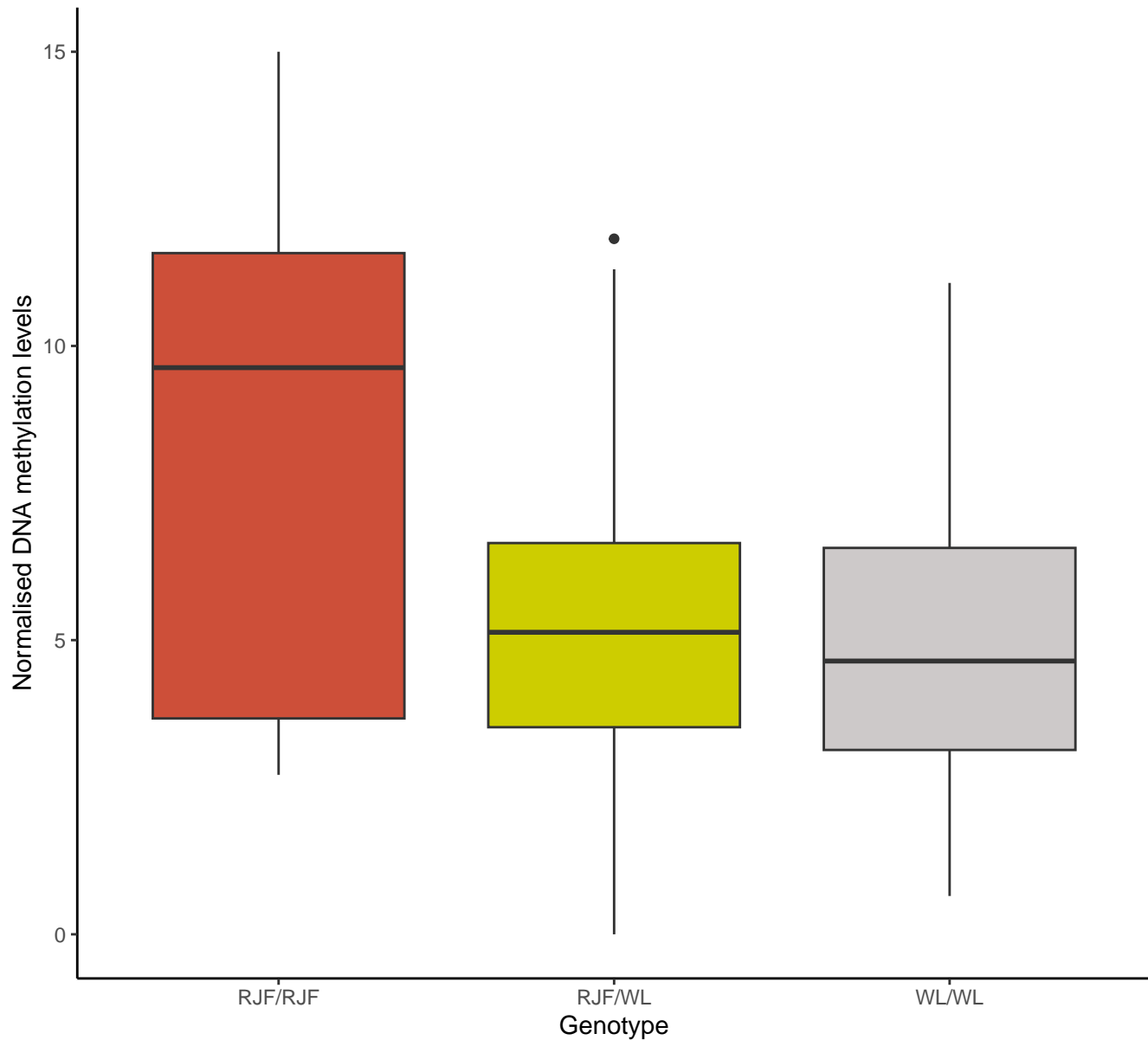
CI: chr14:241.01–265.73cM



trans mQTL | chr17@58.07cM | LOD: 6.11
Methbin: chrZ_33539000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



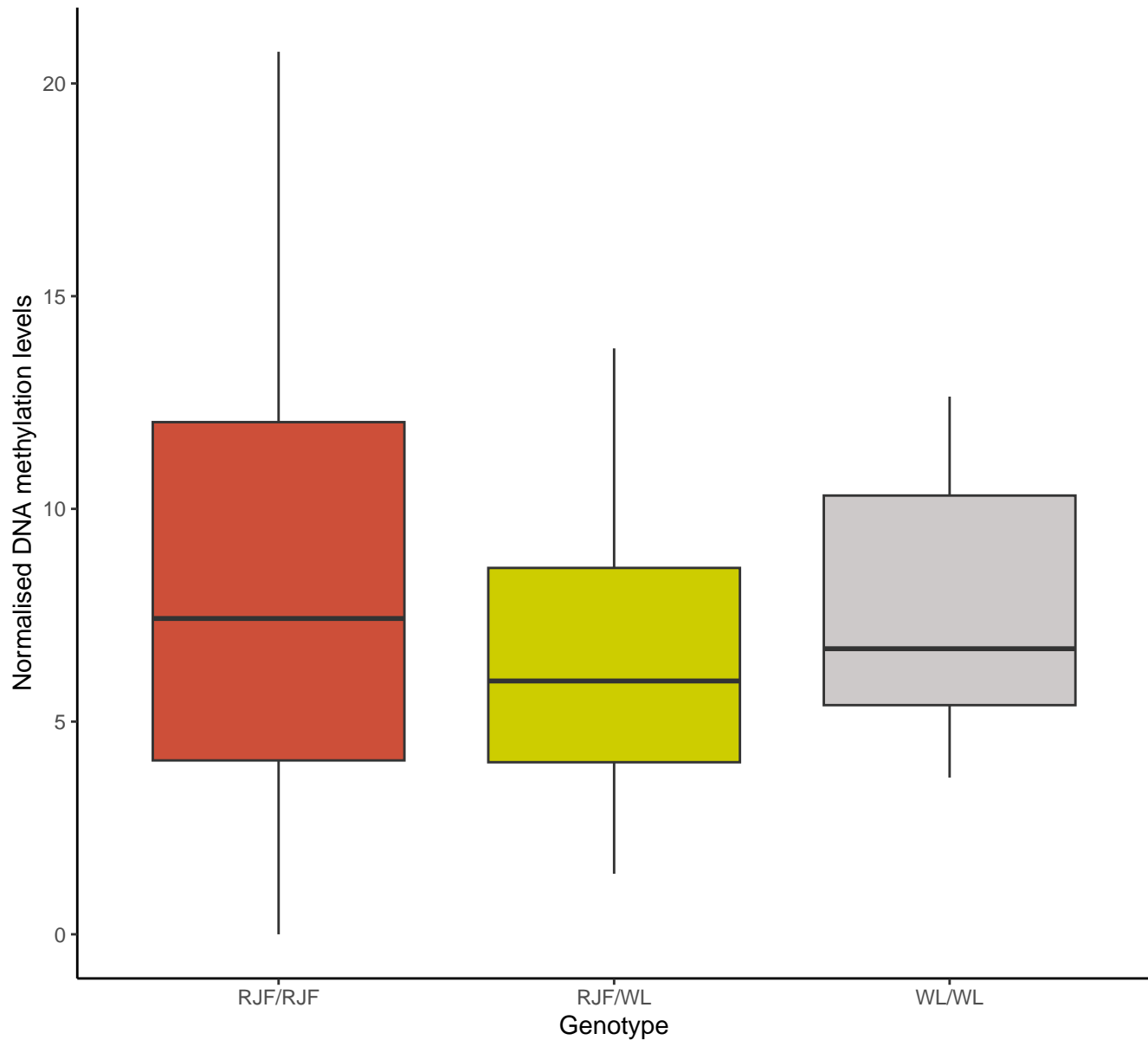
trans mQTL | chr12@57.81cM | LOD: 7.63
Methbin: chrZ_33705000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



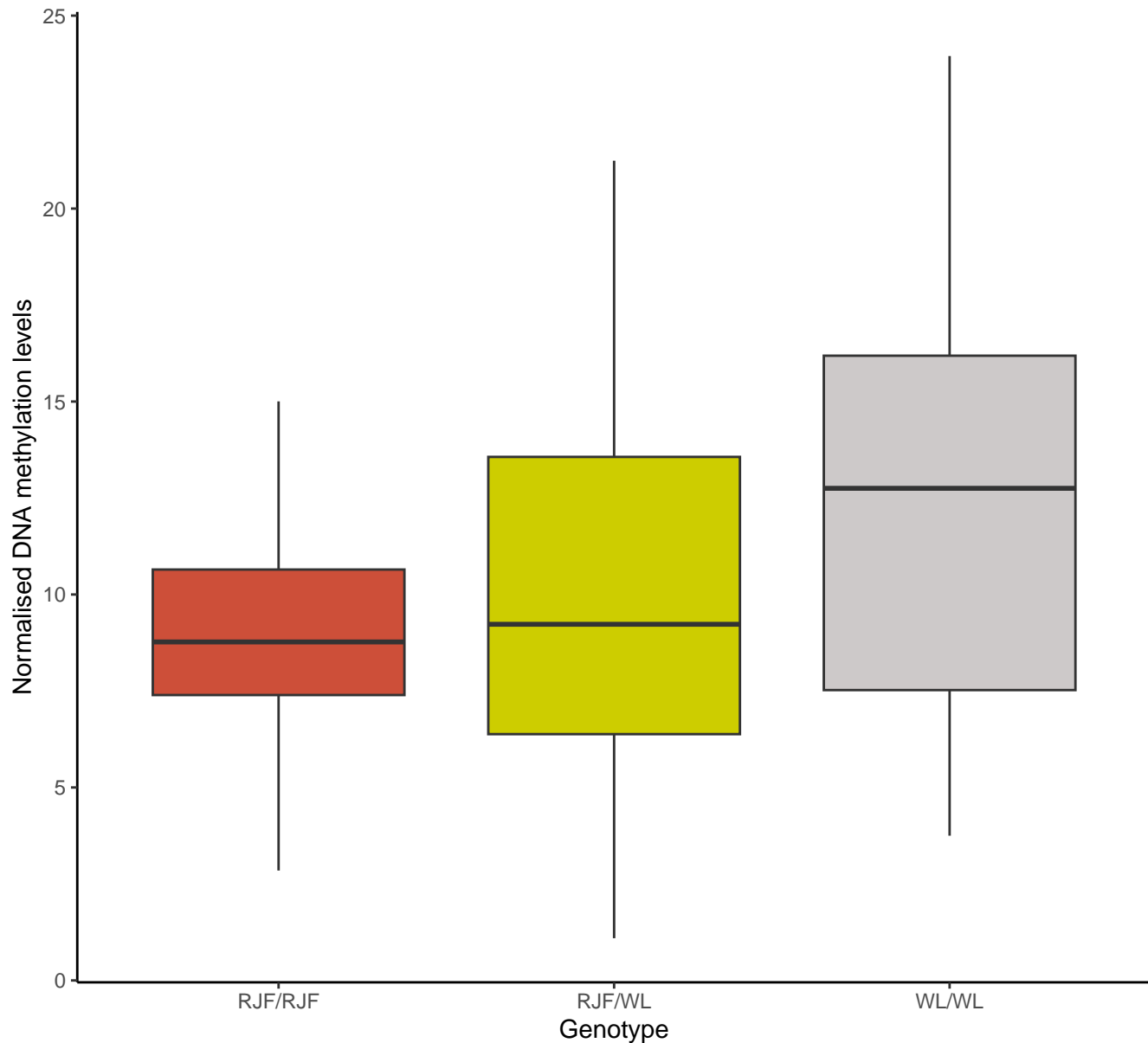
trans mQTL | chr3@359cM | LOD: 6.12

Methbin: chrZ_33737000 | marker:Gg_rs15326621

CI: chr3:309.66–375.03cM



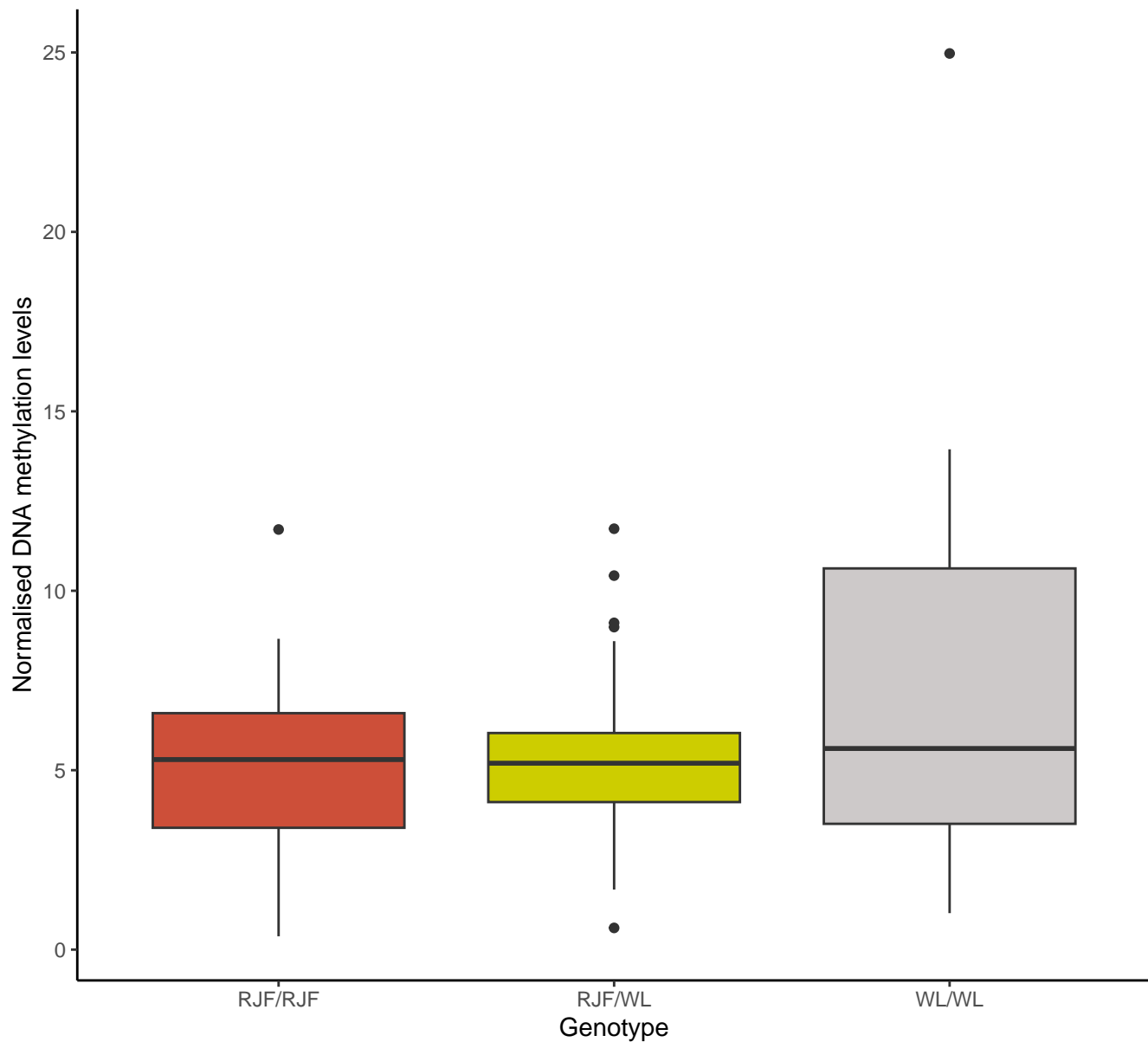
trans mQTL | chr17@118.81cM | LOD: 6.38
Methbin: chrZ_33988000 | marker:Gg_rs15030463
CI: chr17:91.87–123.02cM



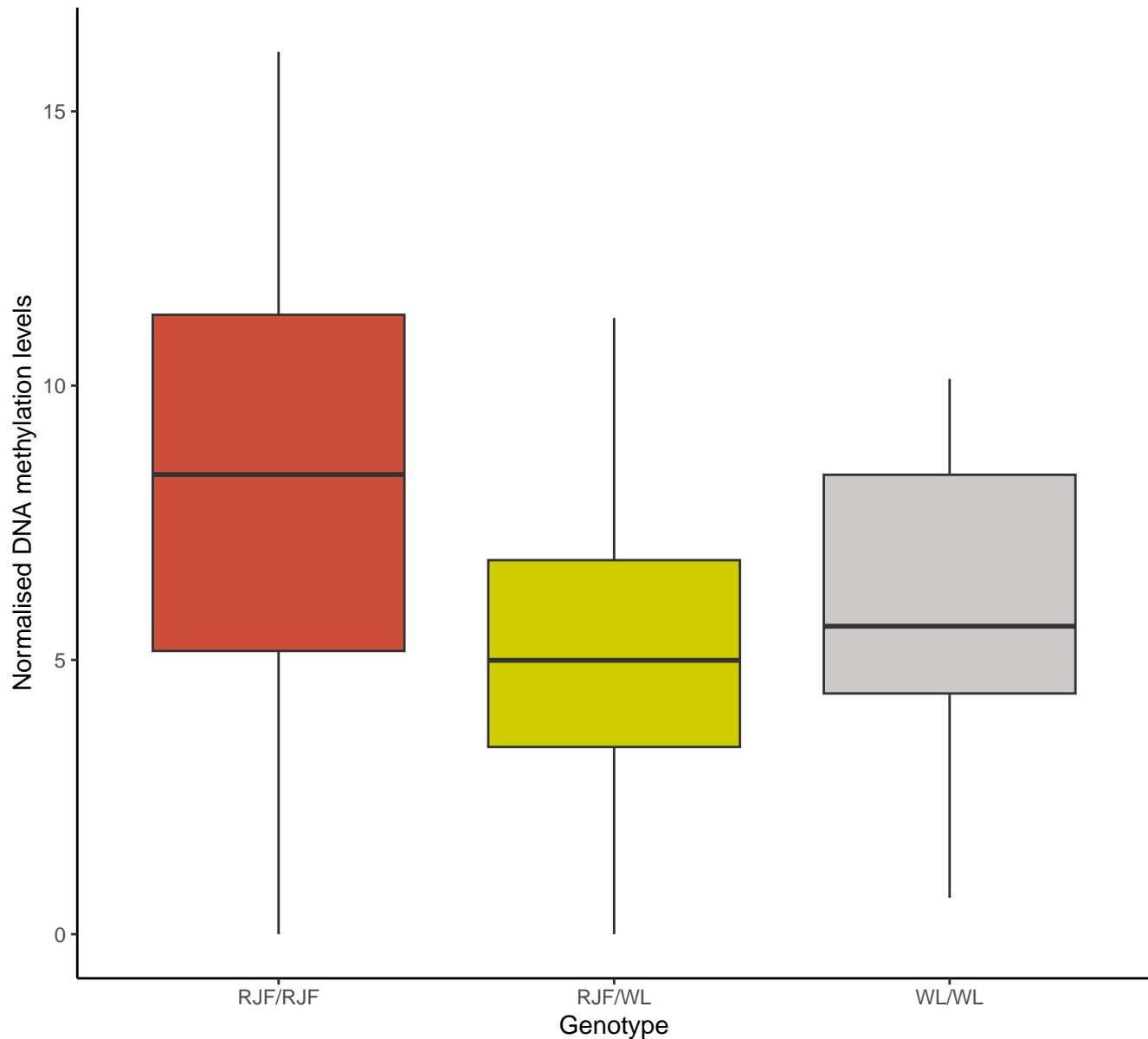
trans mQTL | chr24@0cM | LOD: 6.86

Methbin: chrZ_34225000 | marker:Gg_rs14292805

CI: chr24:0–60.71cM



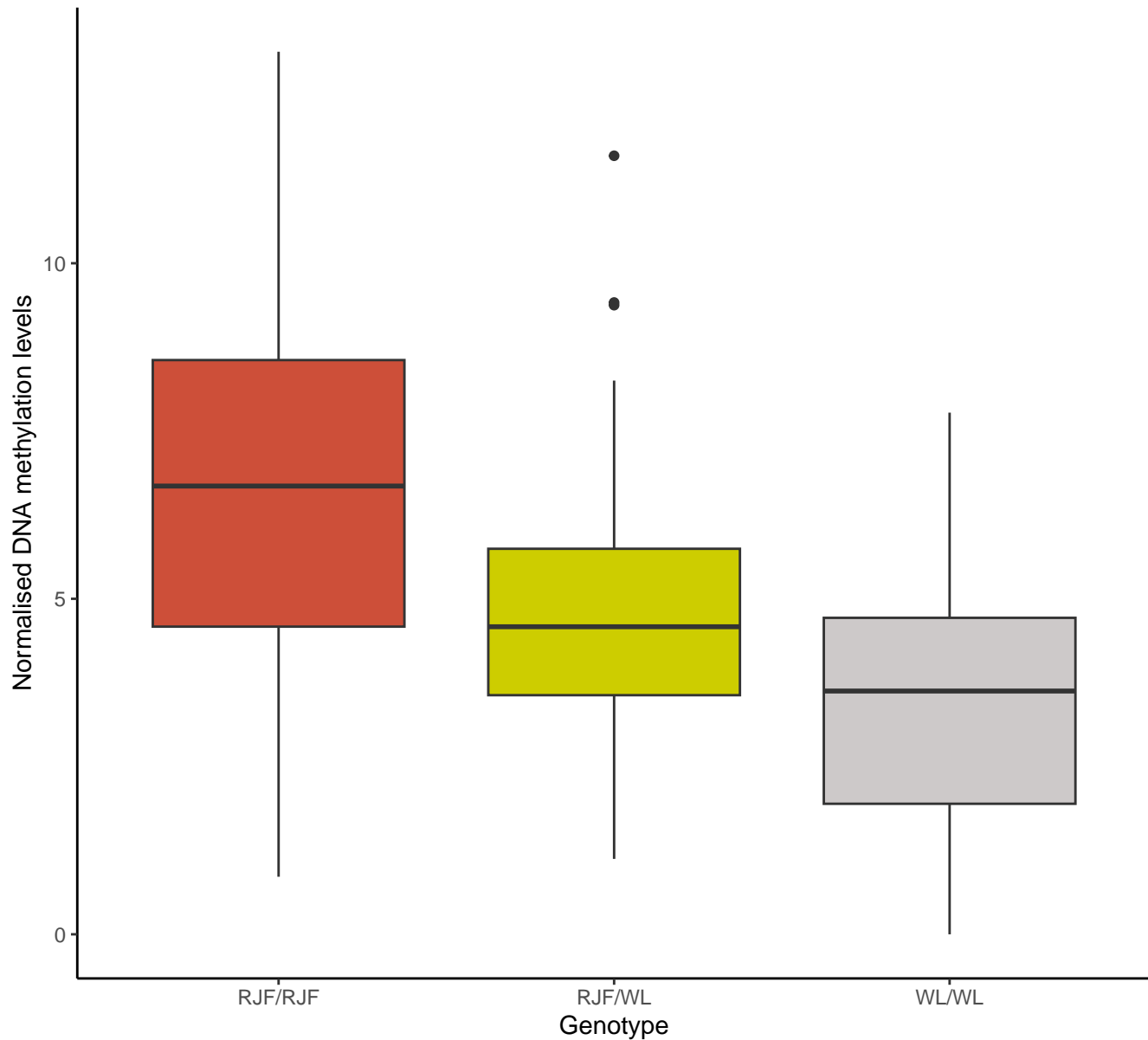
trans mQTL | chr19@76.97cM | LOD: 6.49
Methbin: chrZ_34280000 | marker:Gg_rs15047011
CI: chr19:27.2–76.97cM



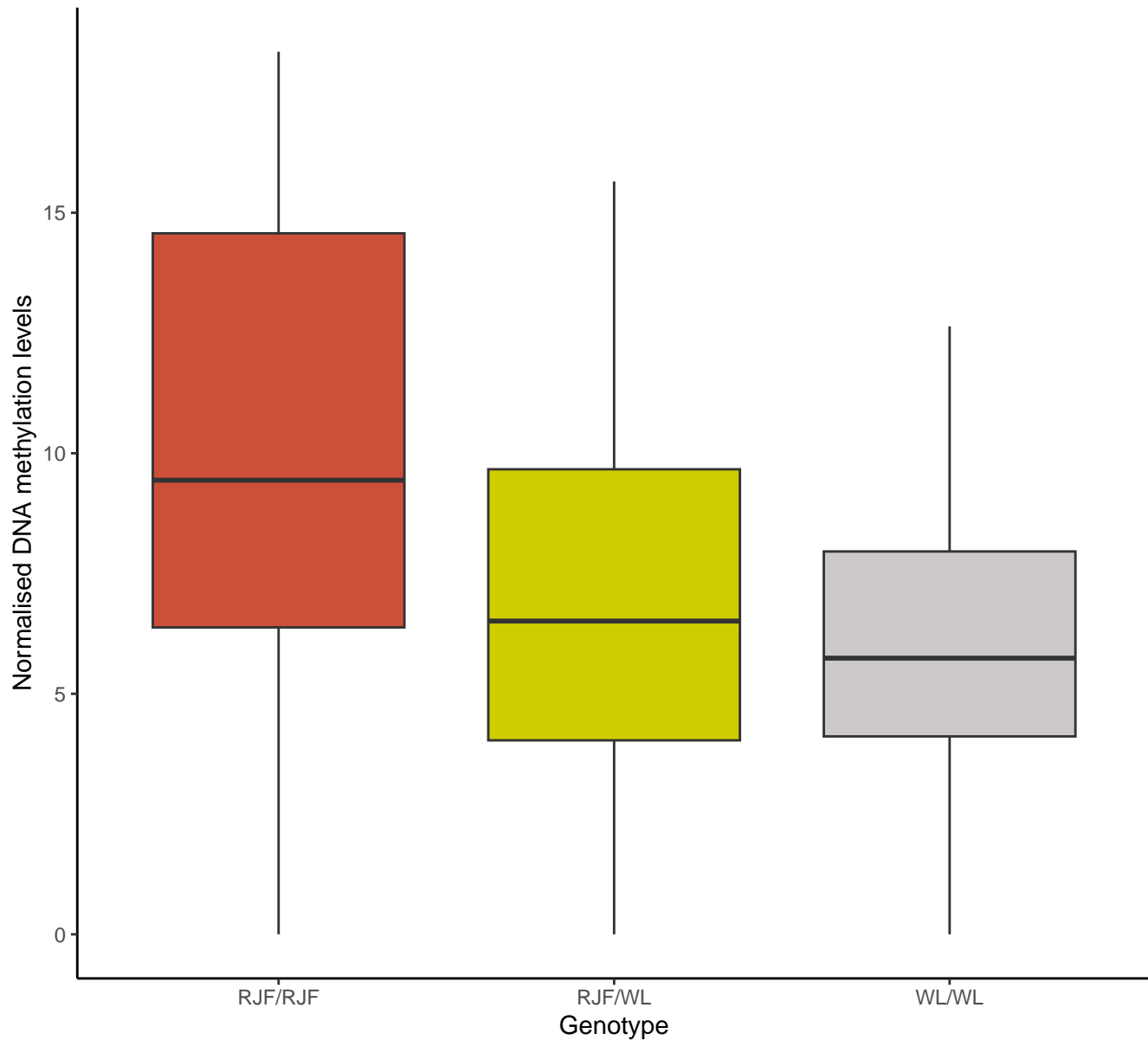
trans mQTL | chr17@58.07cM | LOD: 7.57

Methbin: chrZ_34562000 | marker:Gg_rs13744918

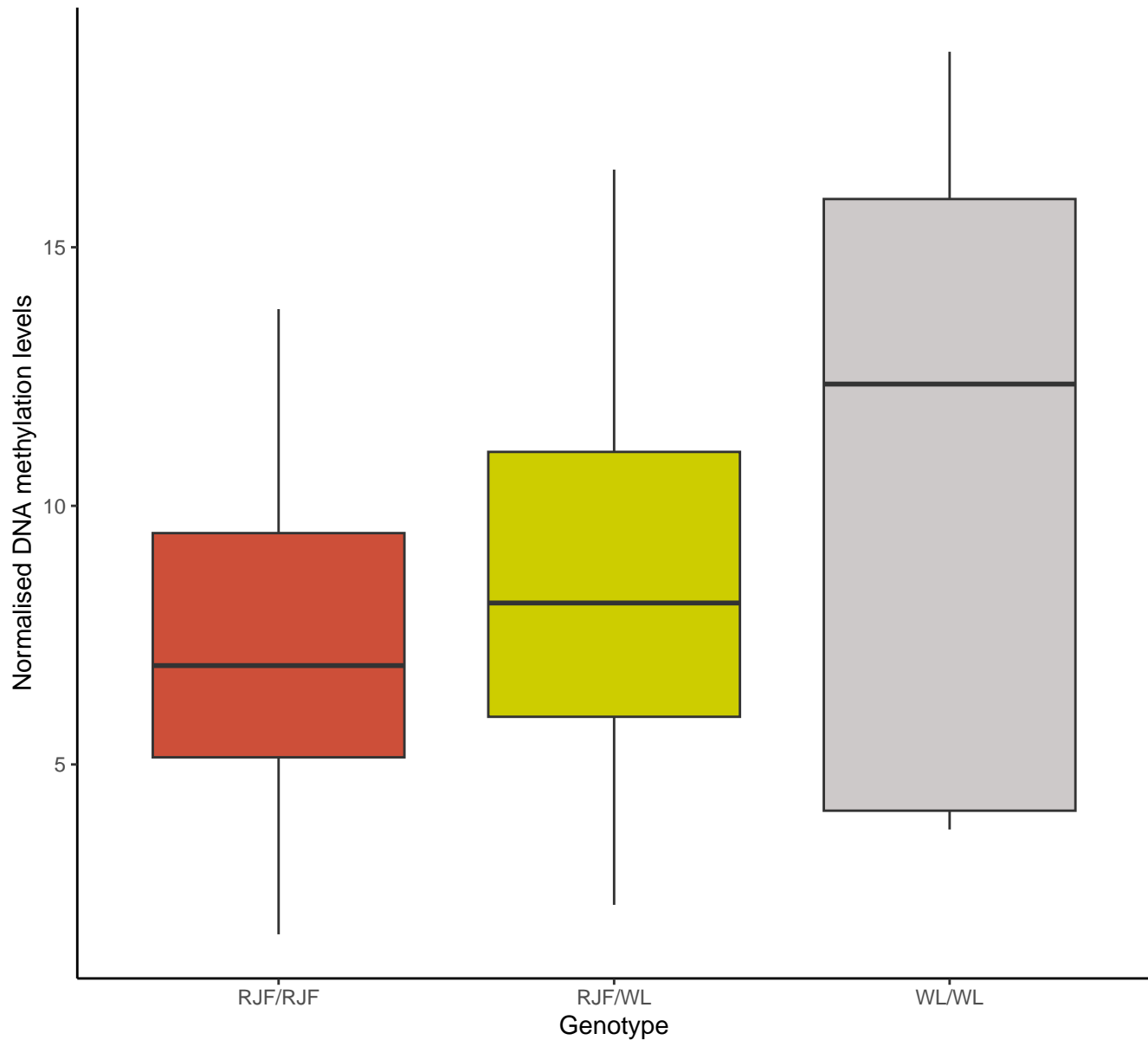
CI: chr17:15.5–81.37cM



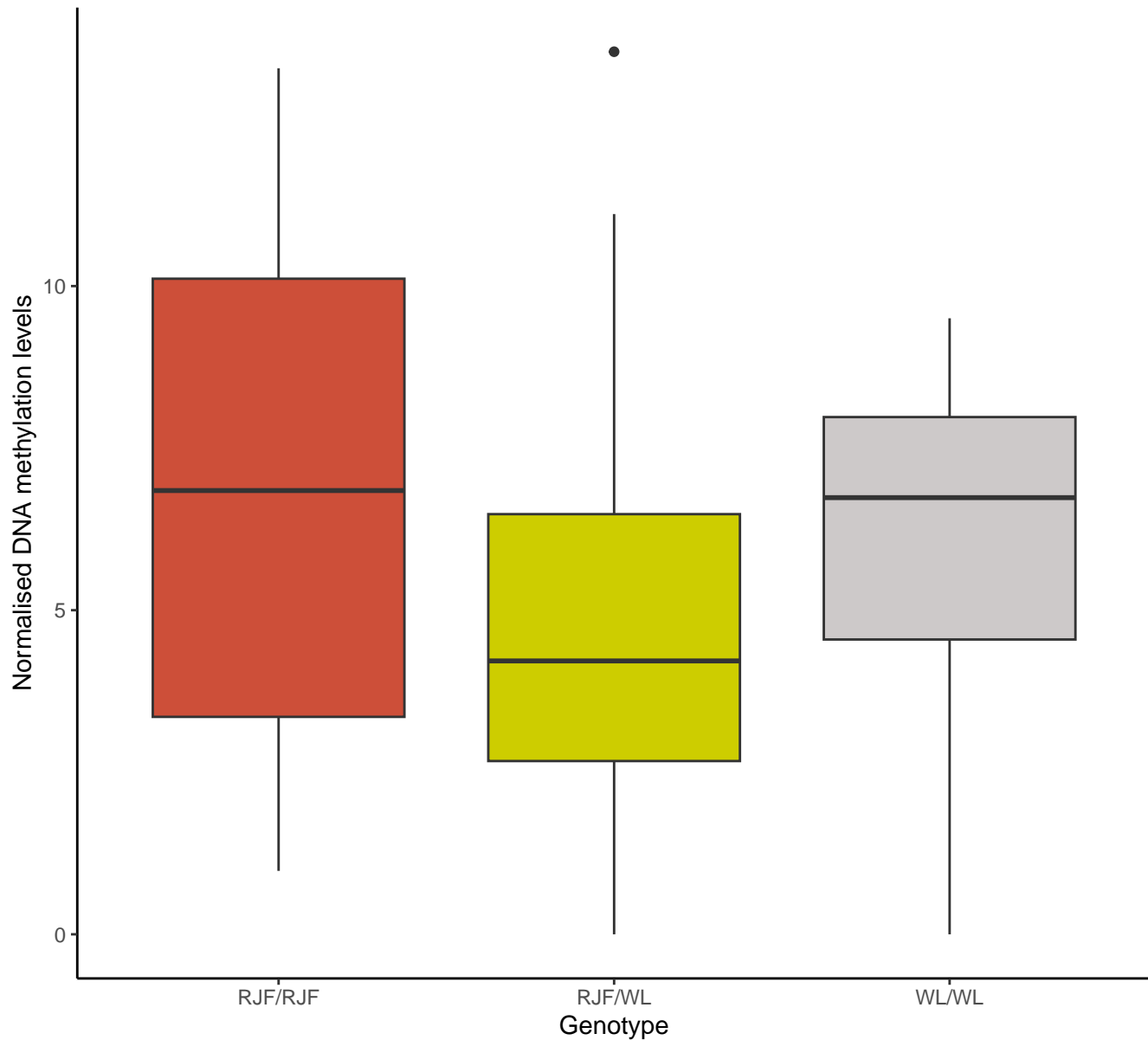
trans mQTL | chr12@57.81cM | LOD: 7.39
Methbin: chrZ_34572000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



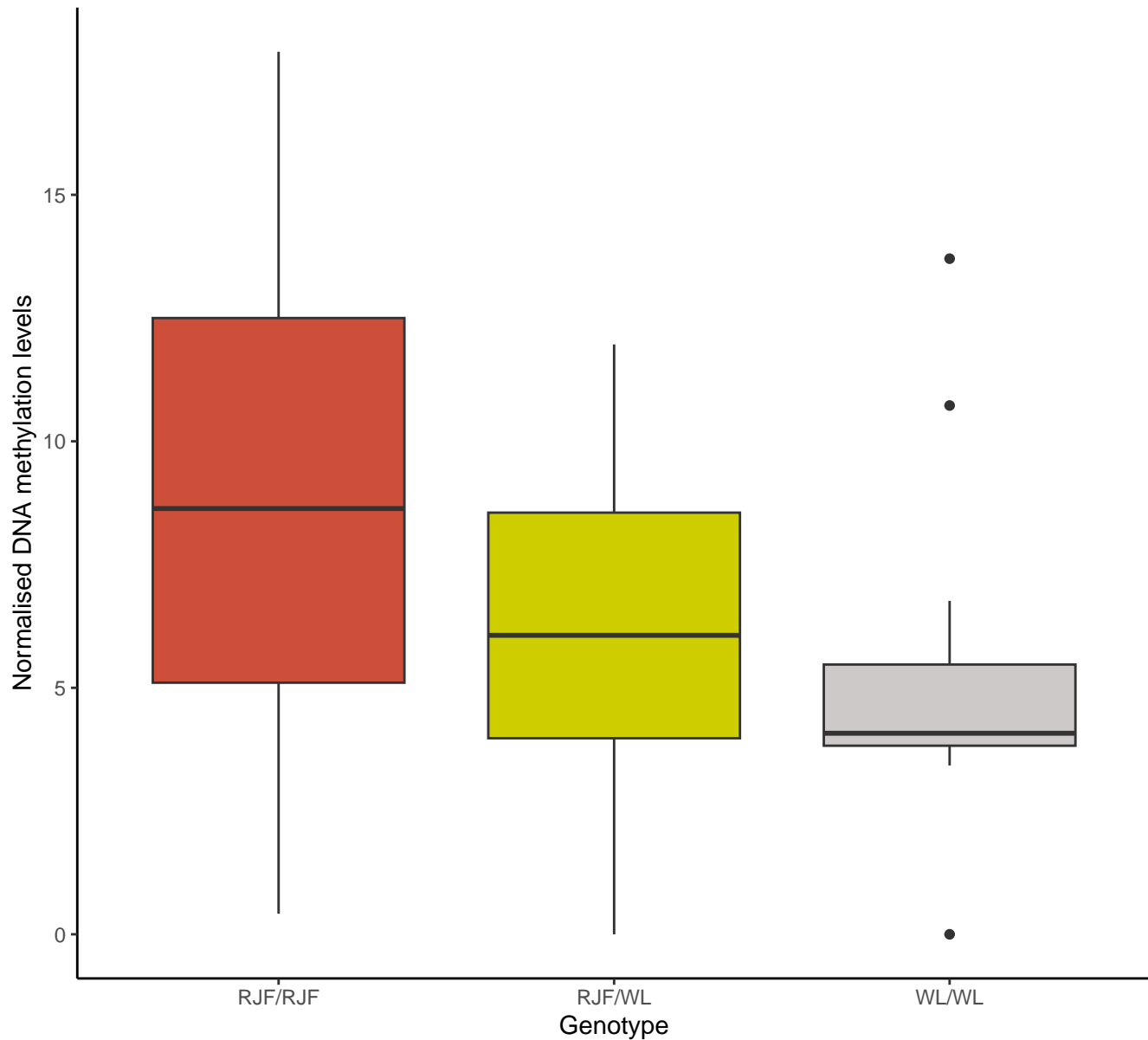
trans mQTL | chr3@219cM | LOD: 6.57
Methbin: chrZ_34601000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr26@120.25cM | LOD: 6.04
Methbin: chrZ_34656000 | marker:Gg_rs13606603
CI: chr26:90.95–140.9cM



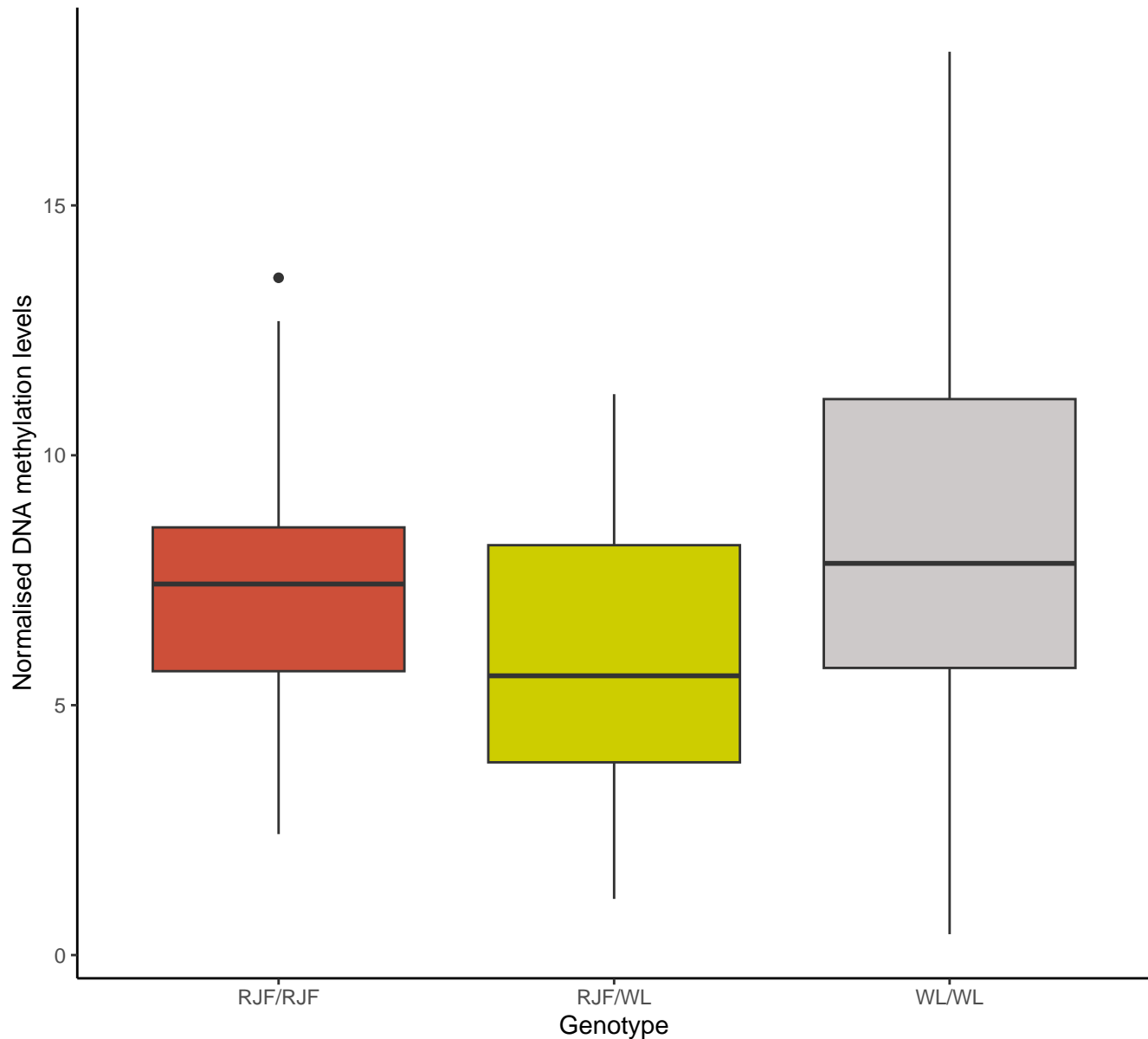
trans mQTL | chr17@58.07cM | LOD: 5.98
Methbin: chrZ_35056000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



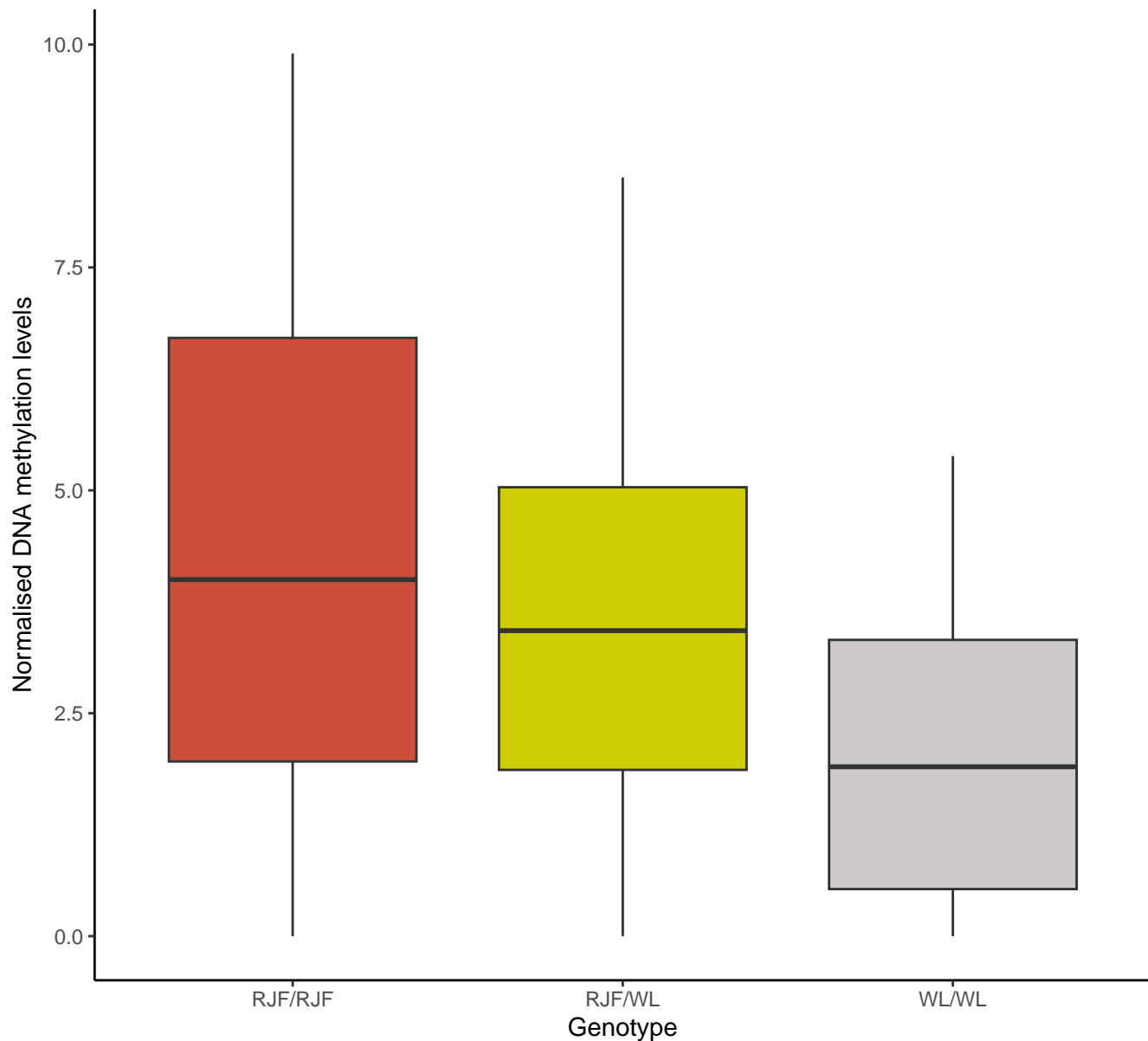
trans mQTL | chr6@105.16cM | LOD: 6.24

Methbin: chrZ_35097000 | marker:Gg_rs14568888

CI: chr6:86.33–112.27cM



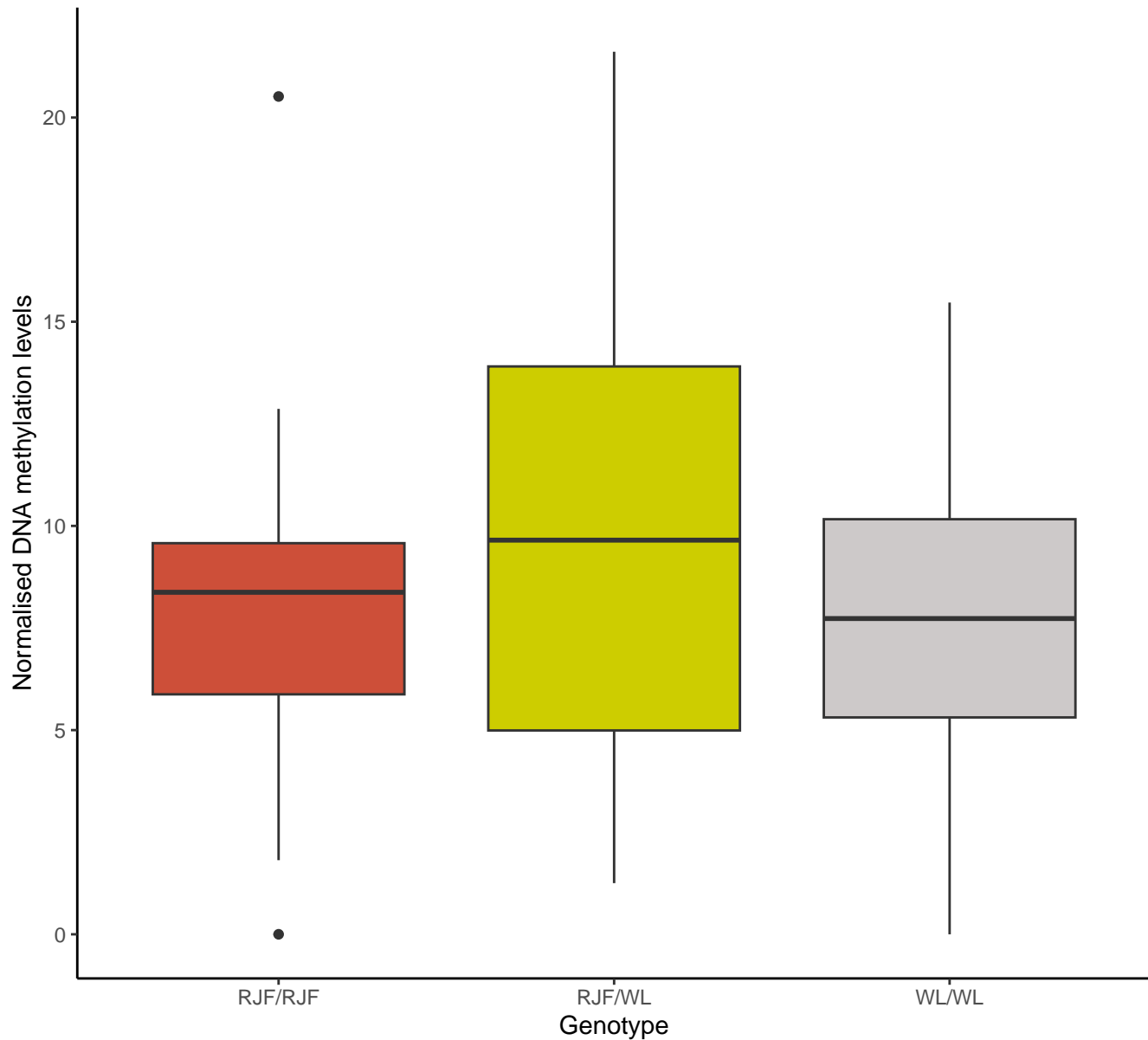
trans mQTL | chr17@58.07cM | LOD: 6.56
Methbin: chrZ_35134000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



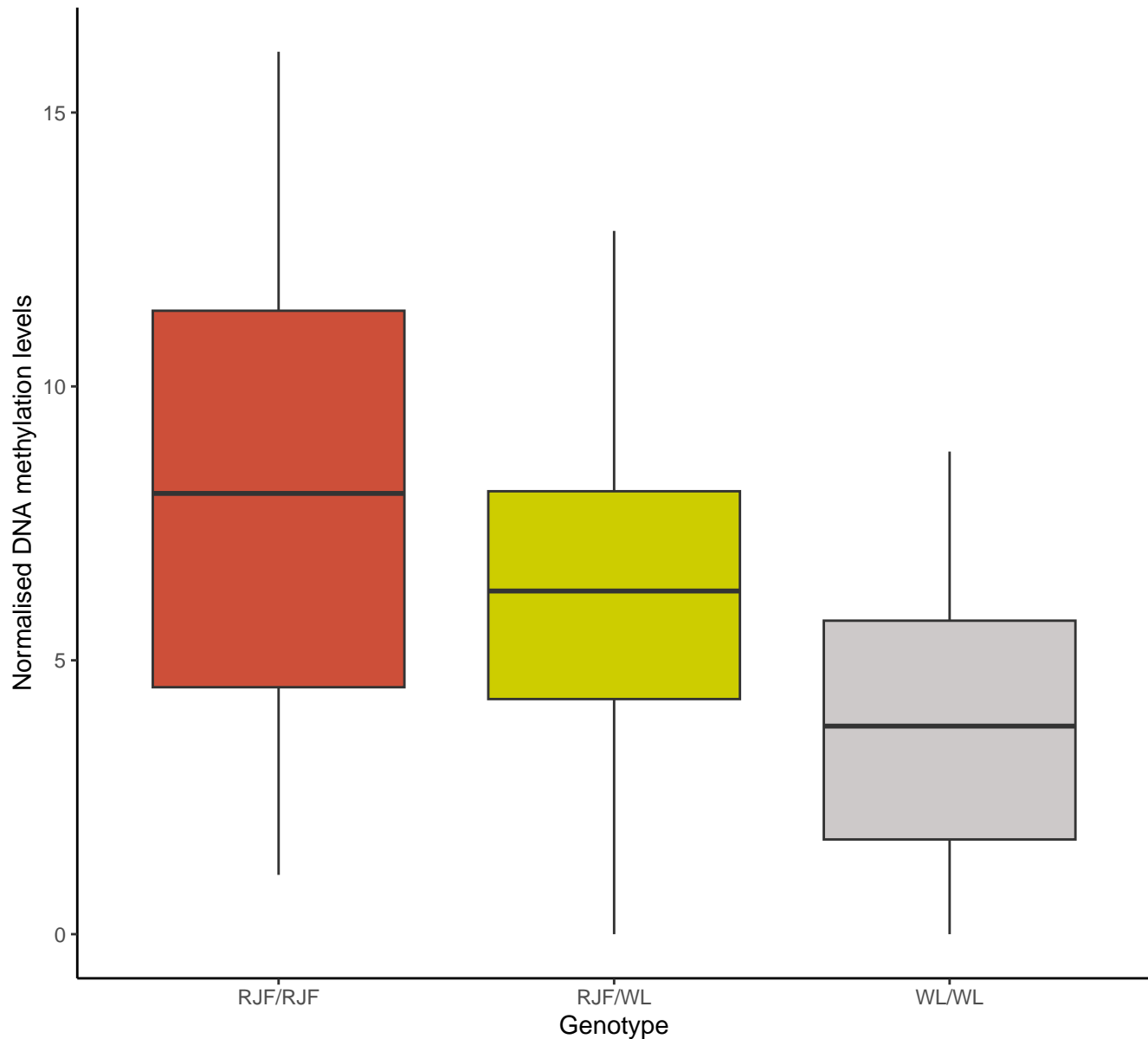
trans mQTL | chr7@277.9cM | LOD: 6.42

Methbin: chrZ_35161000 | marker:Gg_rs15880841

CI: chr7:262.16–311.53cM



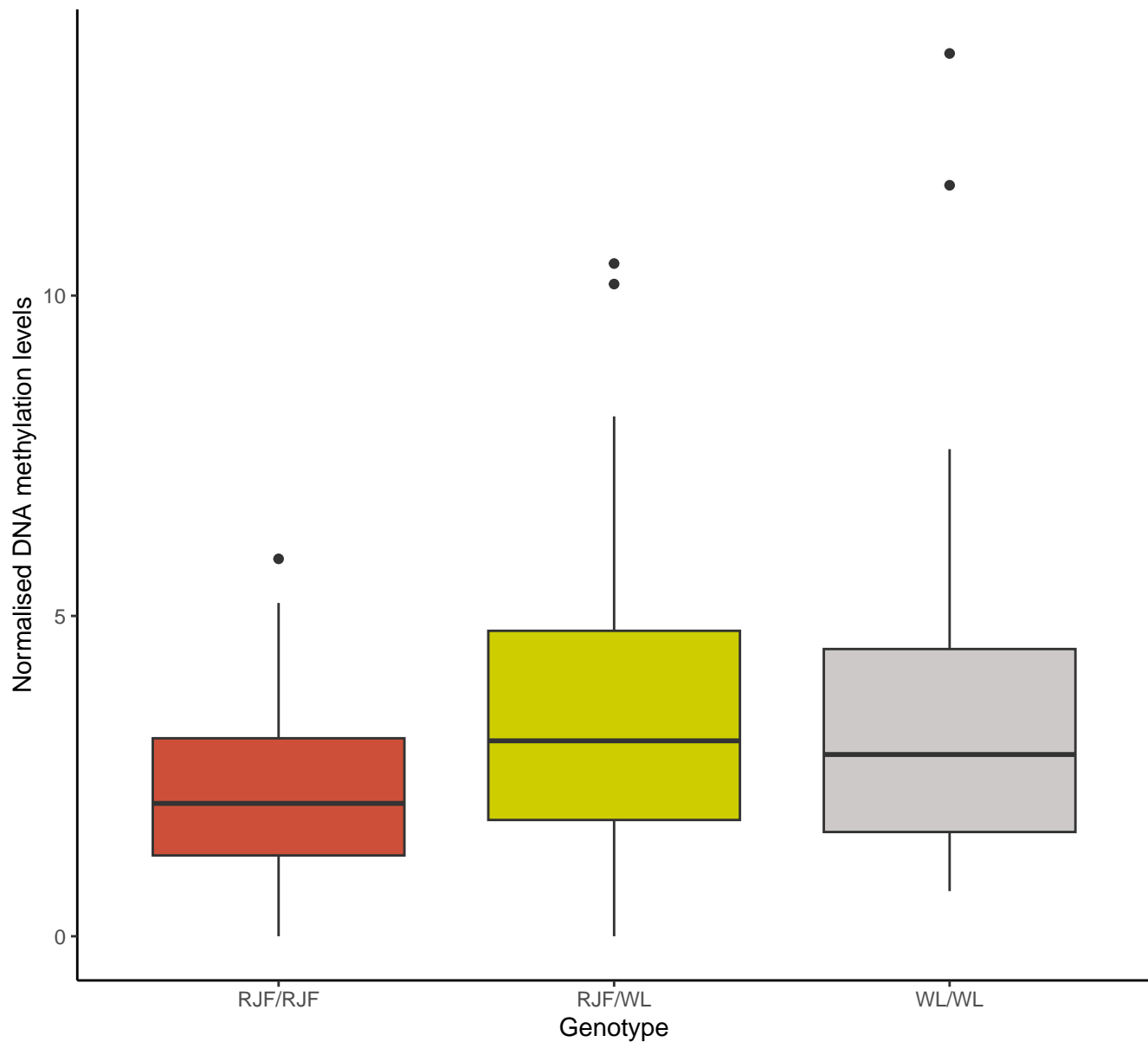
trans mQTL | chr17@58.07cM | LOD: 6.56
Methbin: chrZ_35205000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



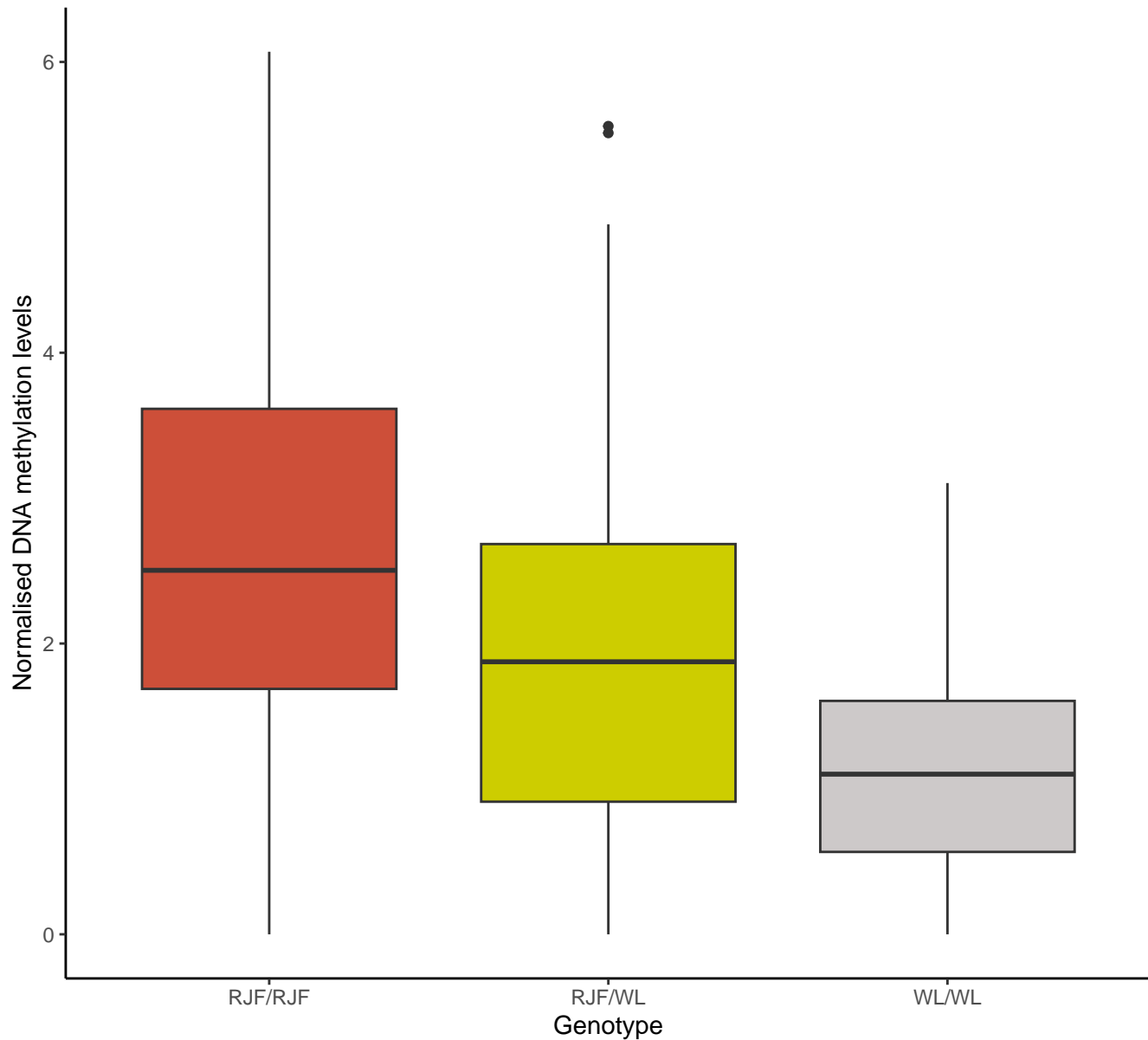
trans mQTL | chr14@265.73cM | LOD: 6.34

Methbin: chrZ_35445000 | marker:rbl1871

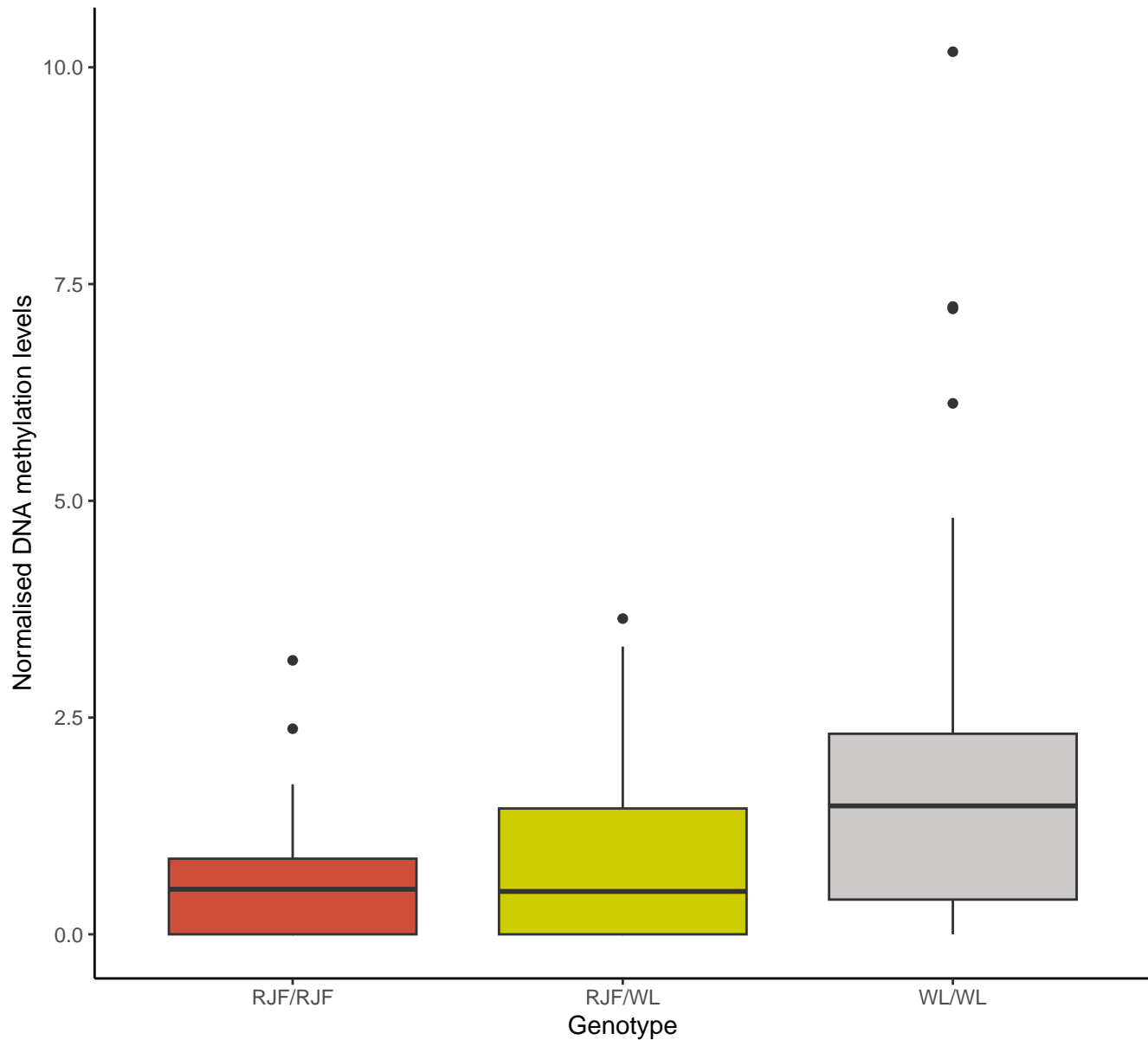
CI: chr14:241.01–265.73cM



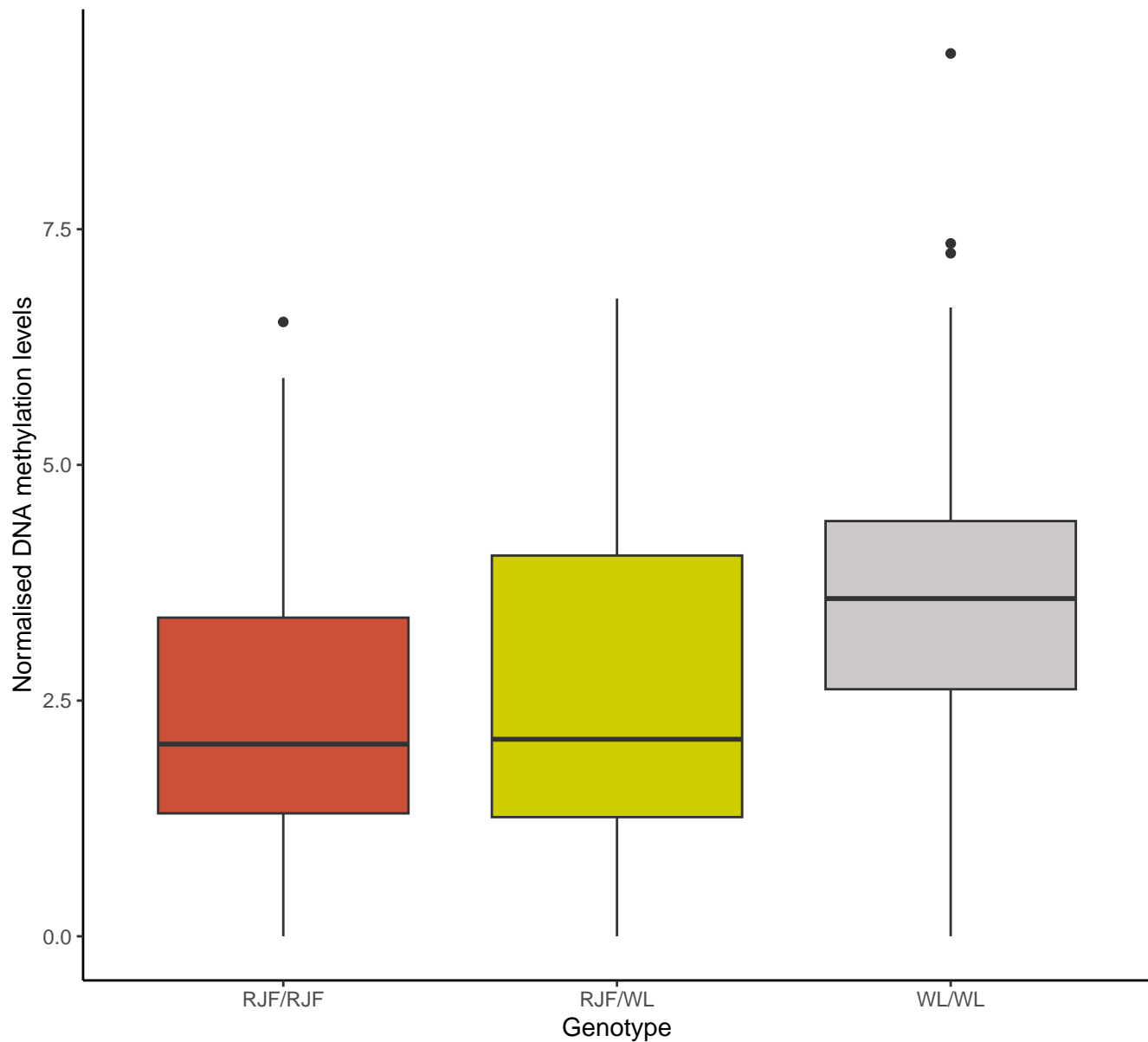
trans mQTL | chr27@118.06cM | LOD: 6.54
Methbin: chrZ_35777000 | marker:GG_rs14304199
CI: chr27:68.23–118.06cM



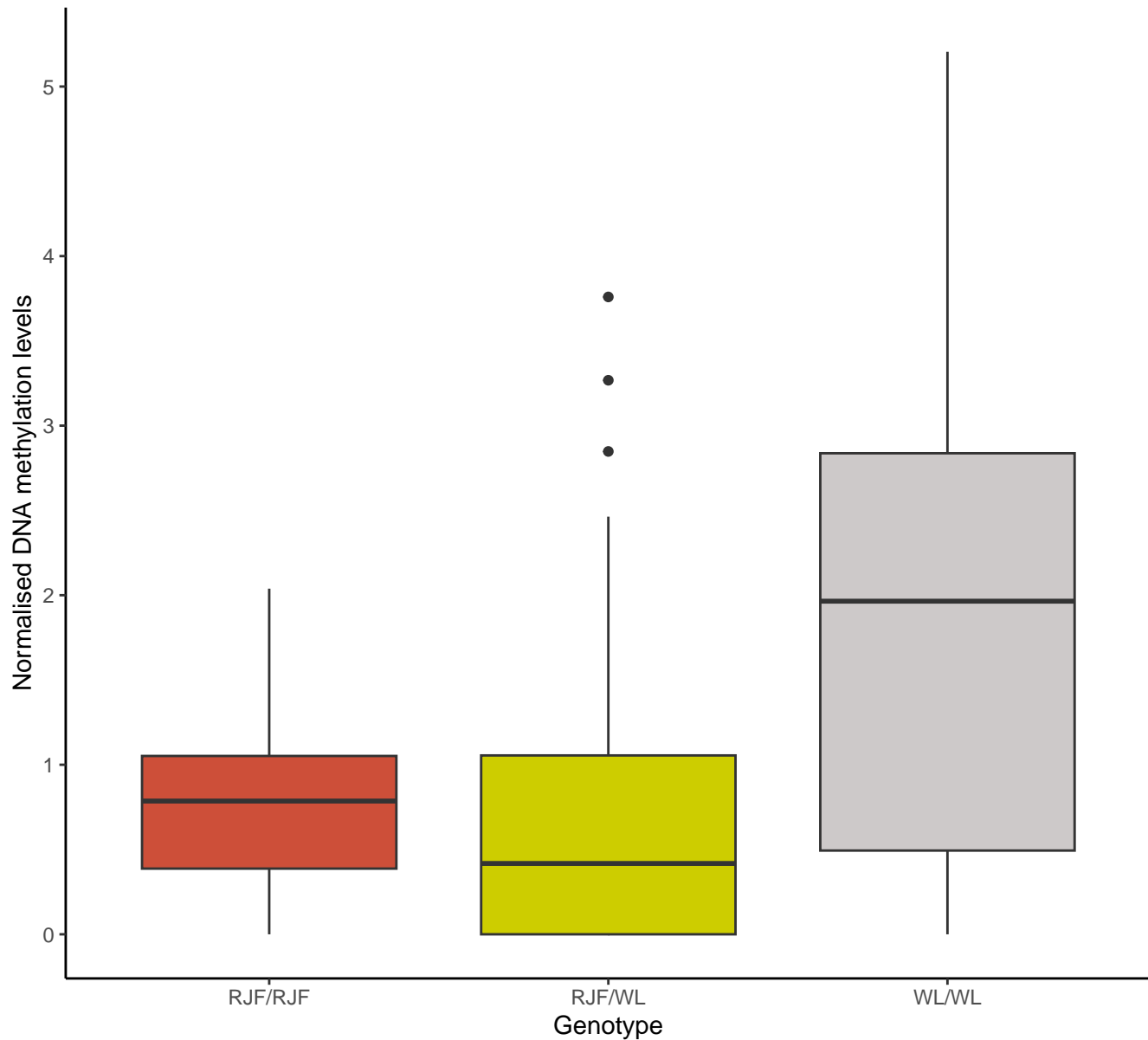
trans mQTL | chr6@112.27cM | LOD: 6.52
Methbin: chrZ_36161000 | marker:Gg_rs15773041
CI: chr6:105.16–126.7cM



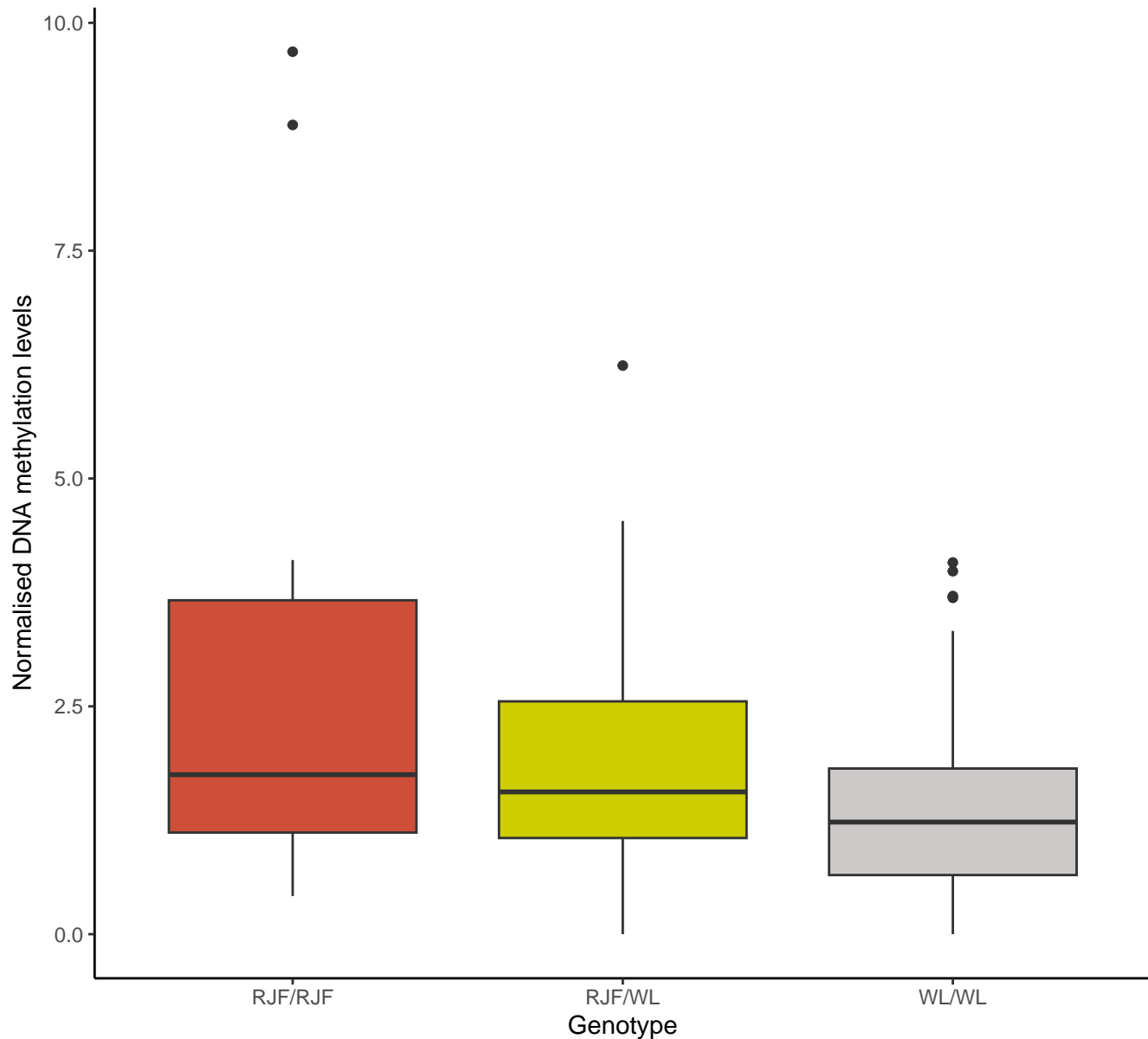
trans mQTL | chr4@0cM | LOD: 5.93
Methbin: chrZ_36304000 | marker:X4_1267185
CI: chr4:0–10.25cM



trans mQTL | chr1 @2087.79cM | LOD: 8.92
Methbin: chrZ_36342000 | marker:X1_183897945
CI: chr1:2078.36–2210.81cM



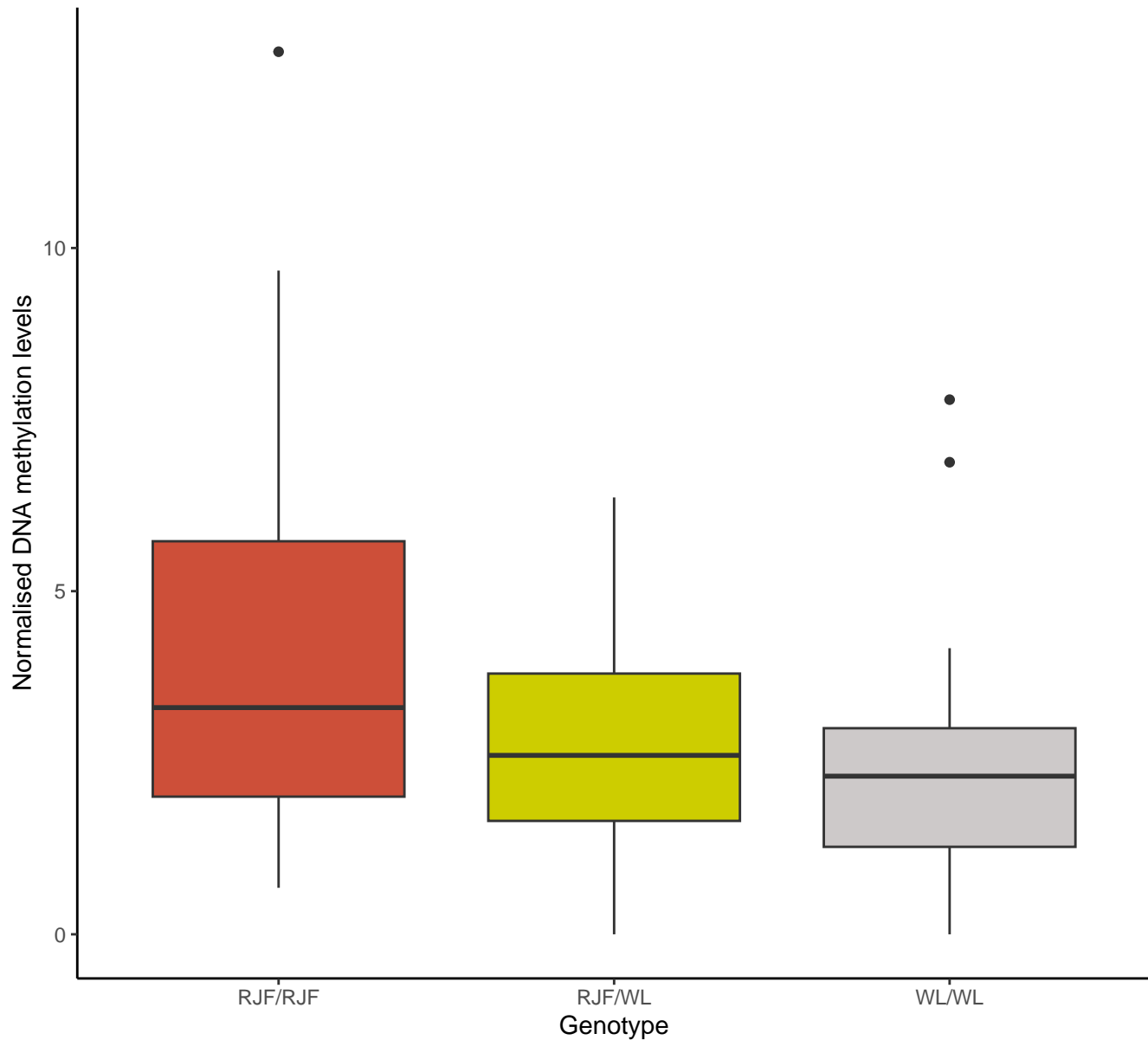
trans mQTL | chr12@57.81cM | LOD: 6.29
Methbin: chrZ_36492000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



trans mQTL | chr9@102.34cM | LOD: 7.19

Methbin: chrZ_36506000 | marker:Gg_rs14671718

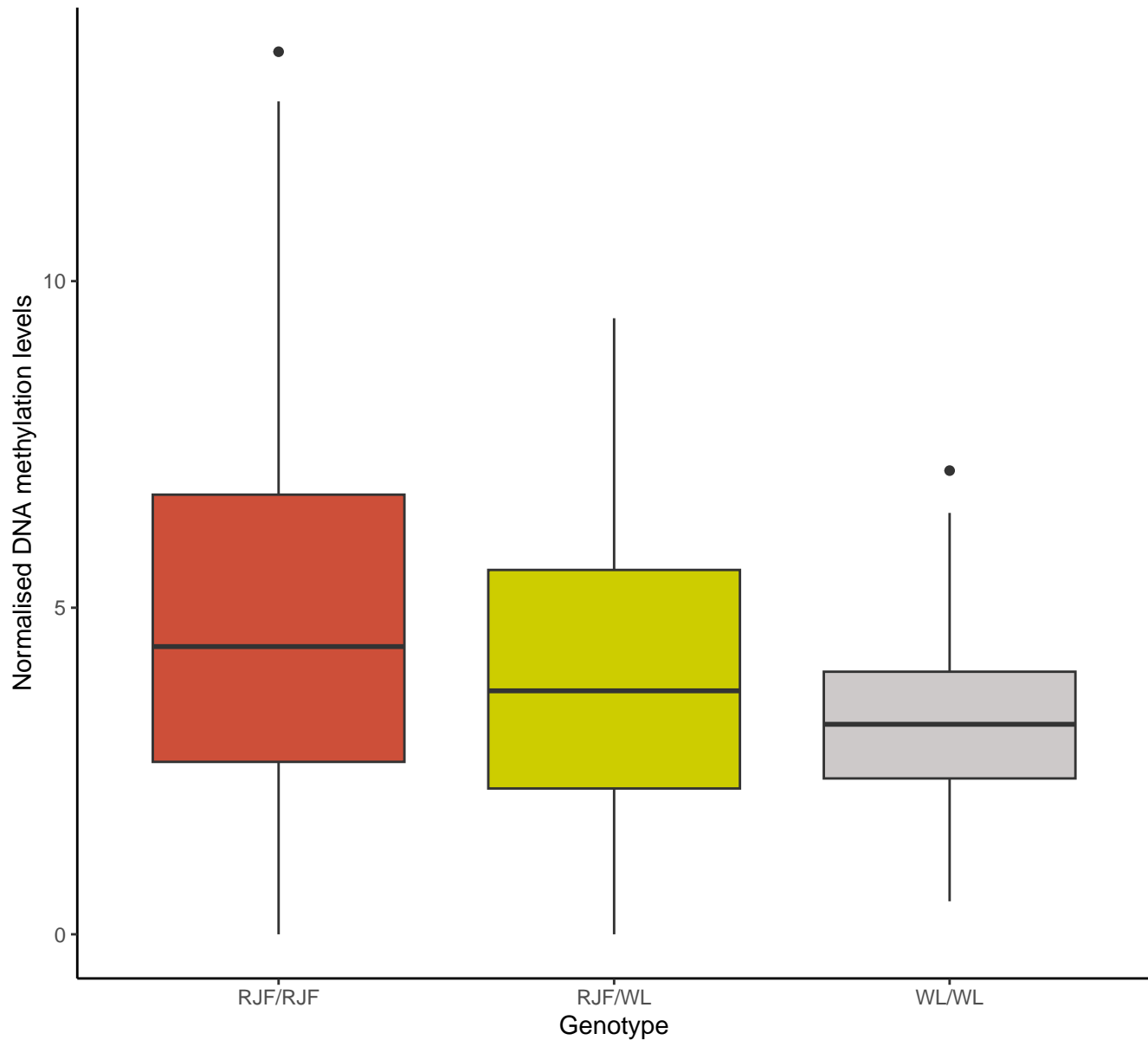
CI: chr9:86.26–117.55cM



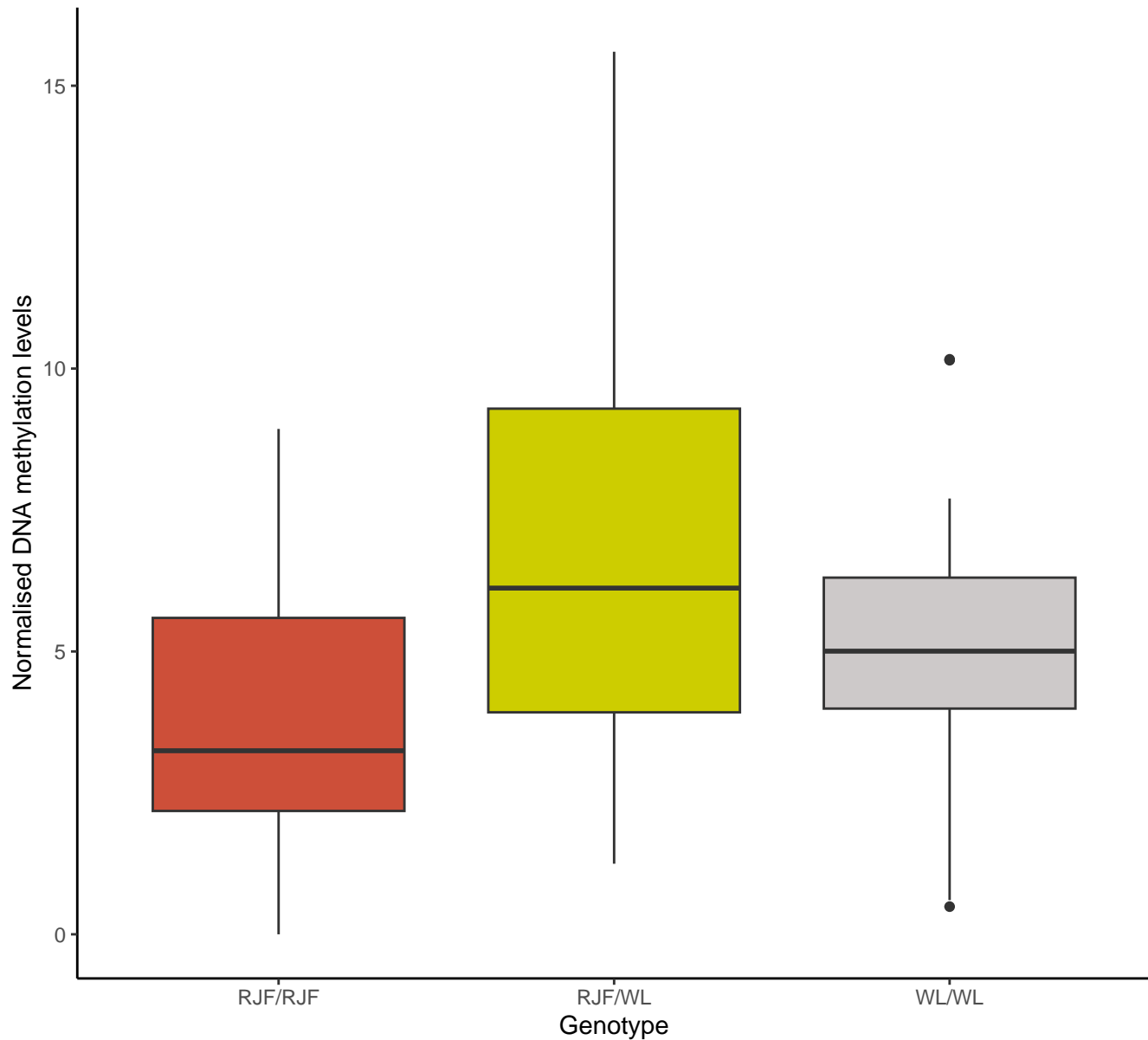
trans mQTL | chr8@104.94cM | LOD: 6.09

Methbin: chrZ_36543000 | marker:Gg_rs14647568

CI: chr8:91.83–138.8cM



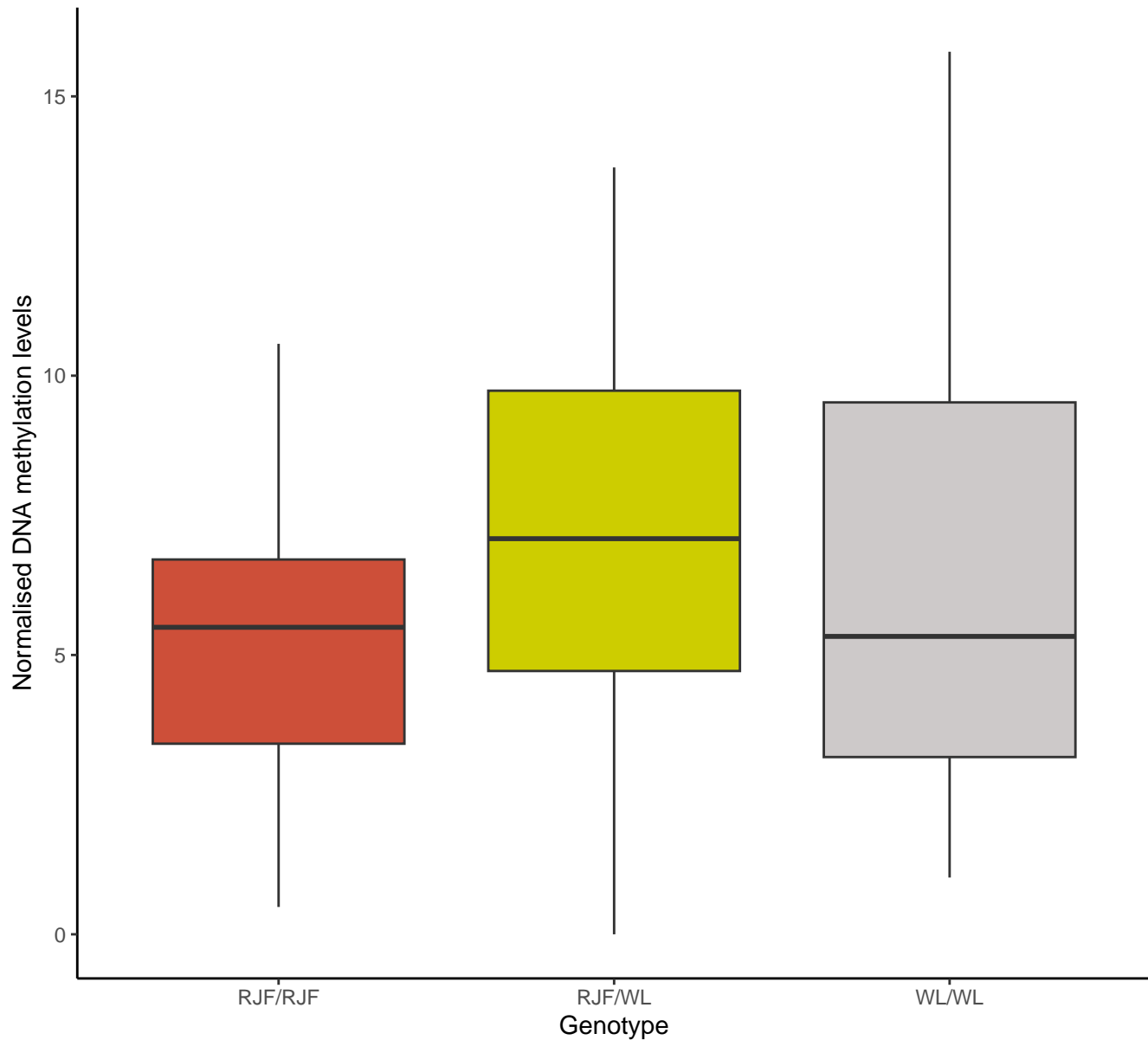
trans mQTL | chr7@10.48cM | LOD: 8.06
Methbin: chrZ_36568000 | marker:Gg_rs15828492
CI: chr7:0–58.22cM



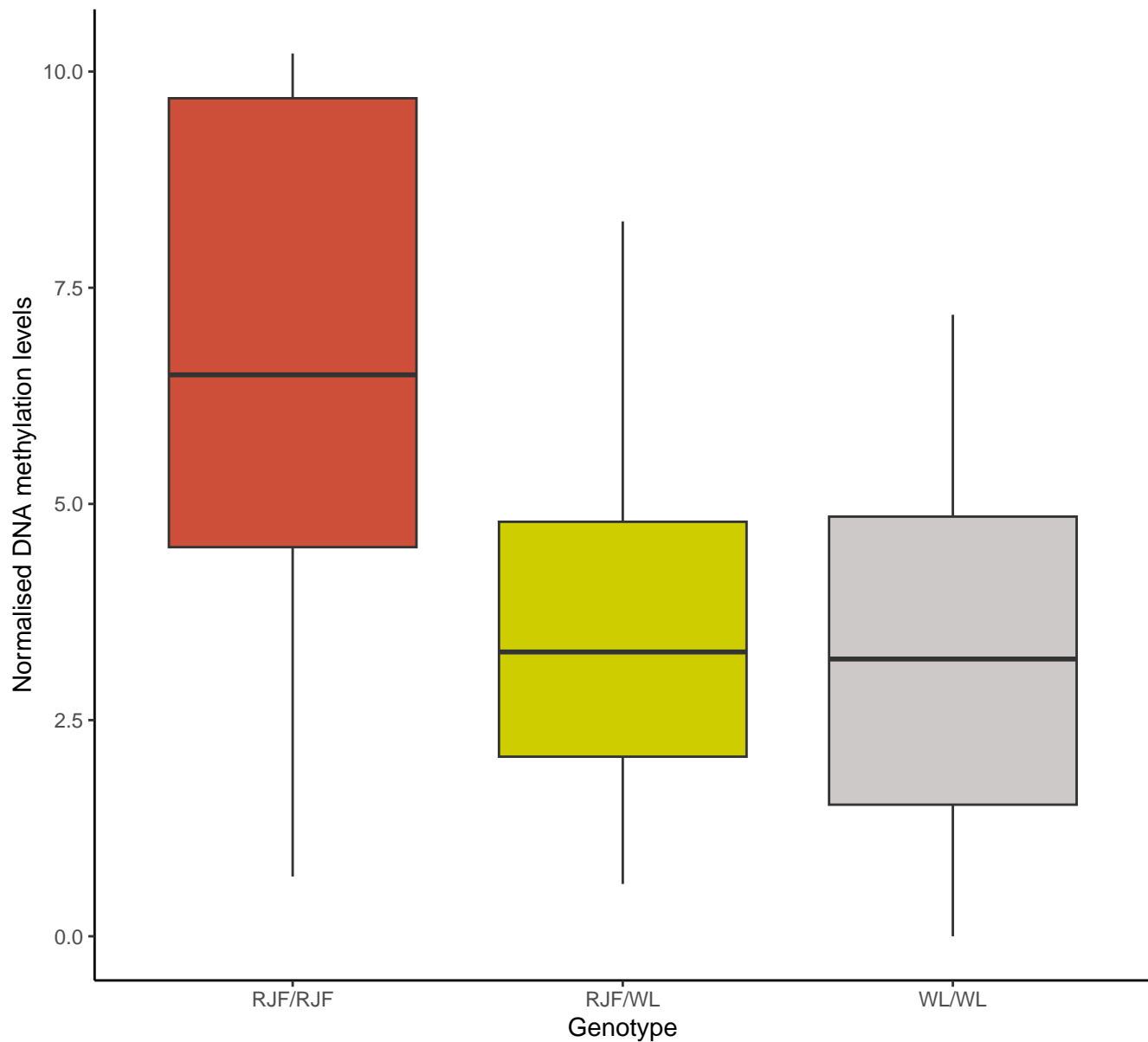
trans mQTL | chr14@265.73cM | LOD: 6.31

Methbin: chrZ_36731000 | marker:rb11871

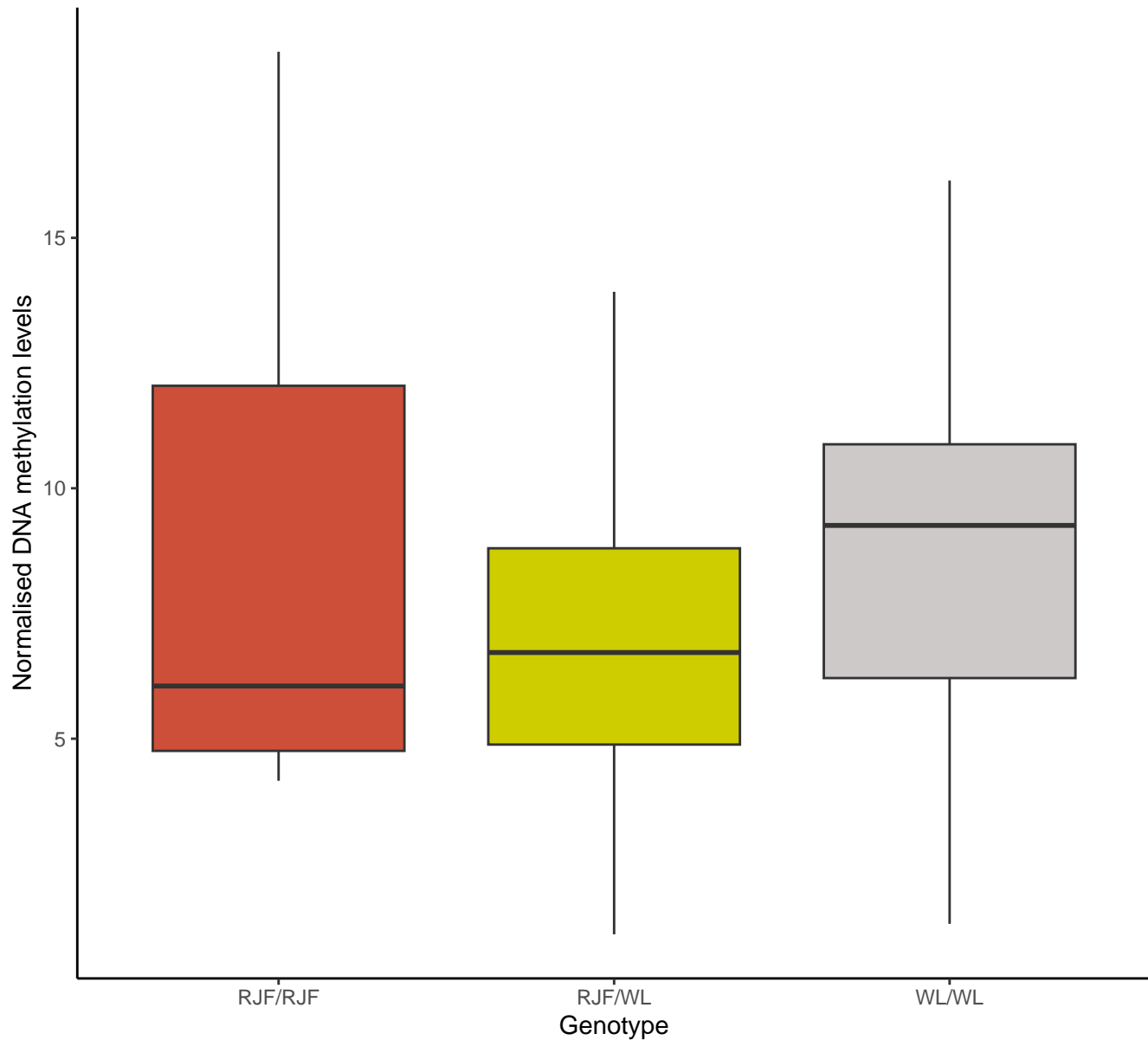
CI: chr14:241.01–265.73cM



trans mQTL | chr5@182.4cM | LOD: 7.59
Methbin: chrZ_36747000 | marker:Gg_rs15679503
CI: chr5:131.24–200.39cM



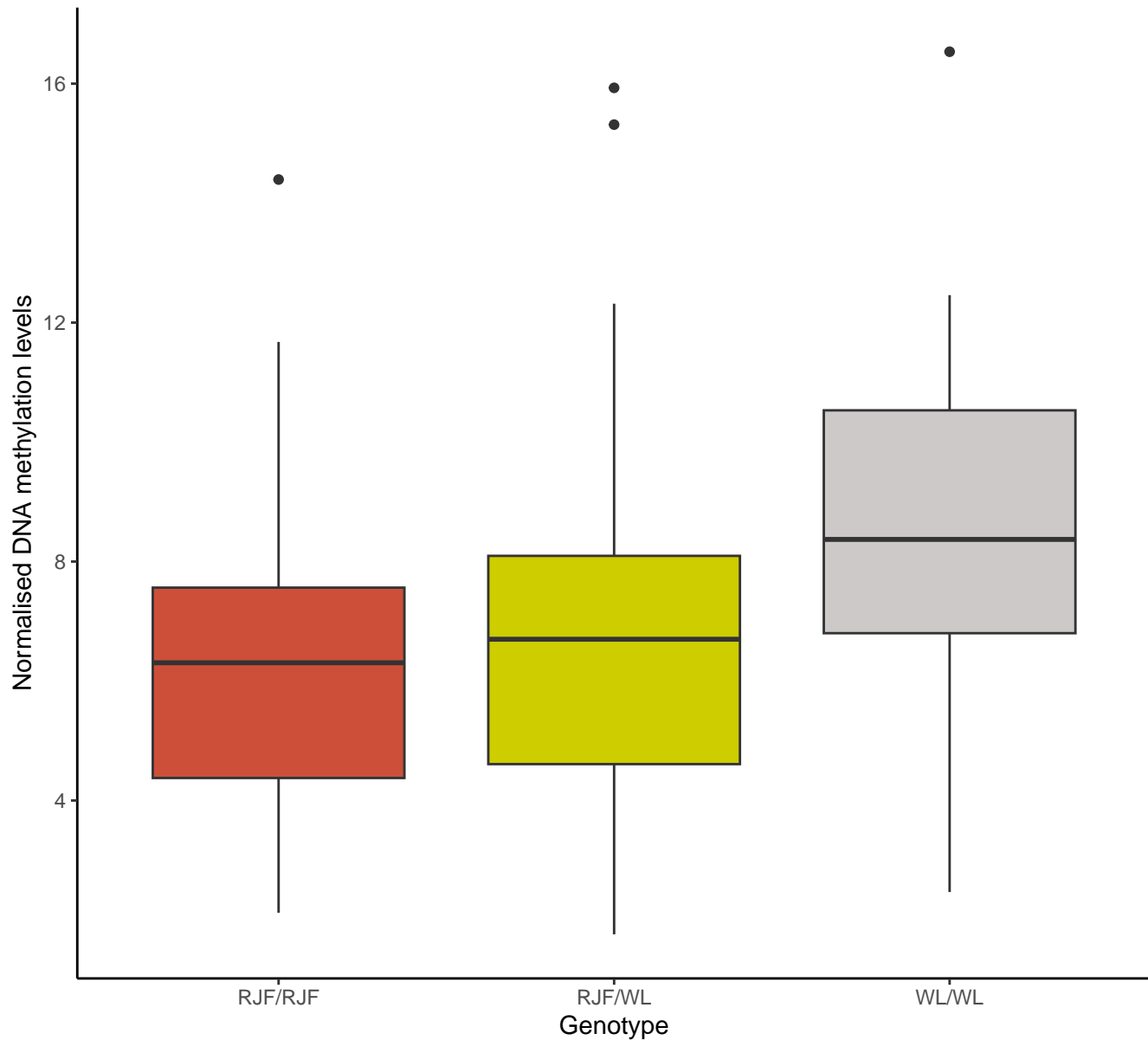
trans mQTL | chr2@90.91cM | LOD: 6.51
Methbin: chrZ_36748000 | marker:Gg_rs14133982
CI: chr2:41.4–1031.5cM



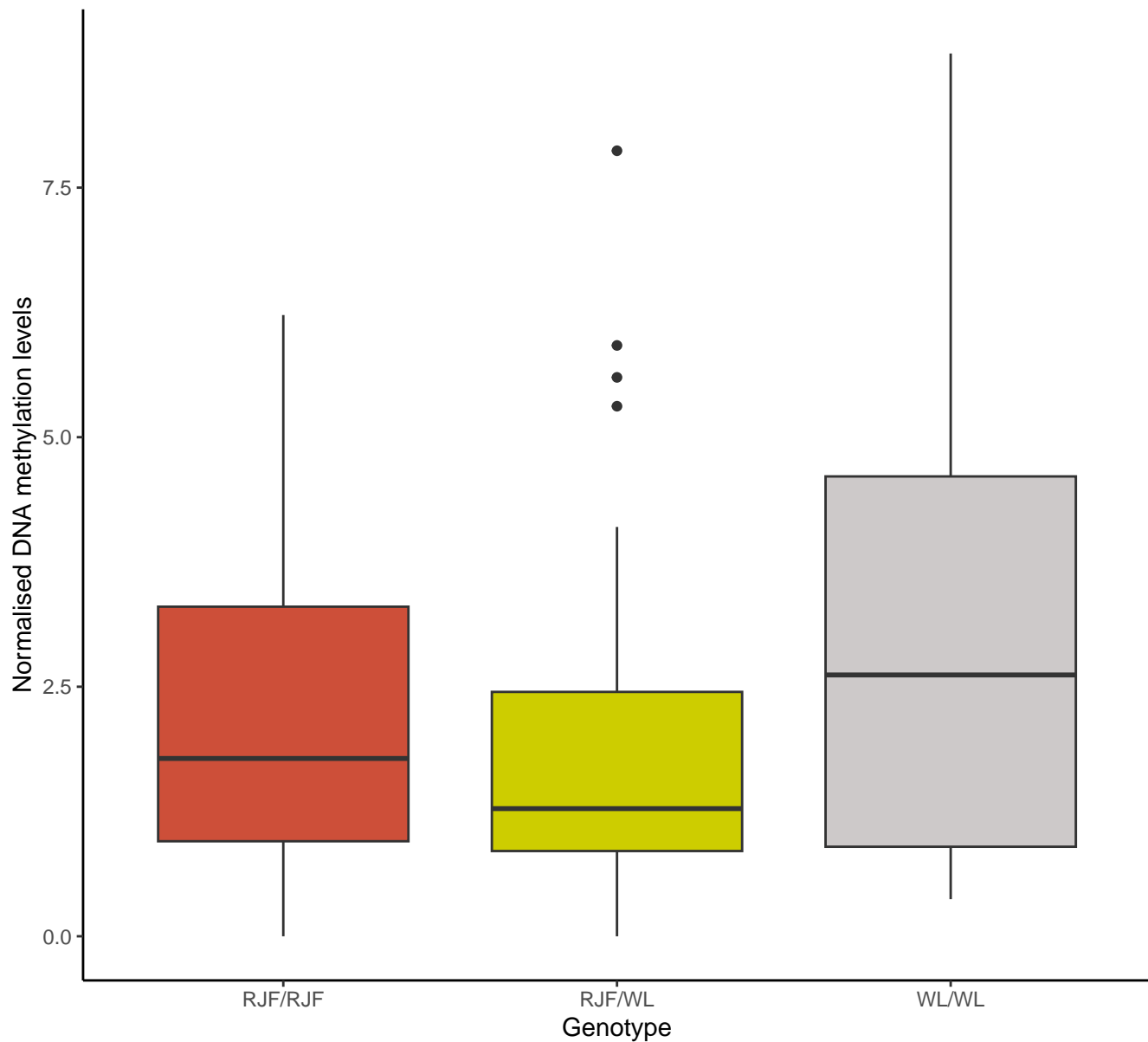
trans mQTL | chr14@265.73cM | LOD: 6.06

Methbin: chrZ_36844000 | marker:rb11871

CI: chr14:241.01–265.73cM



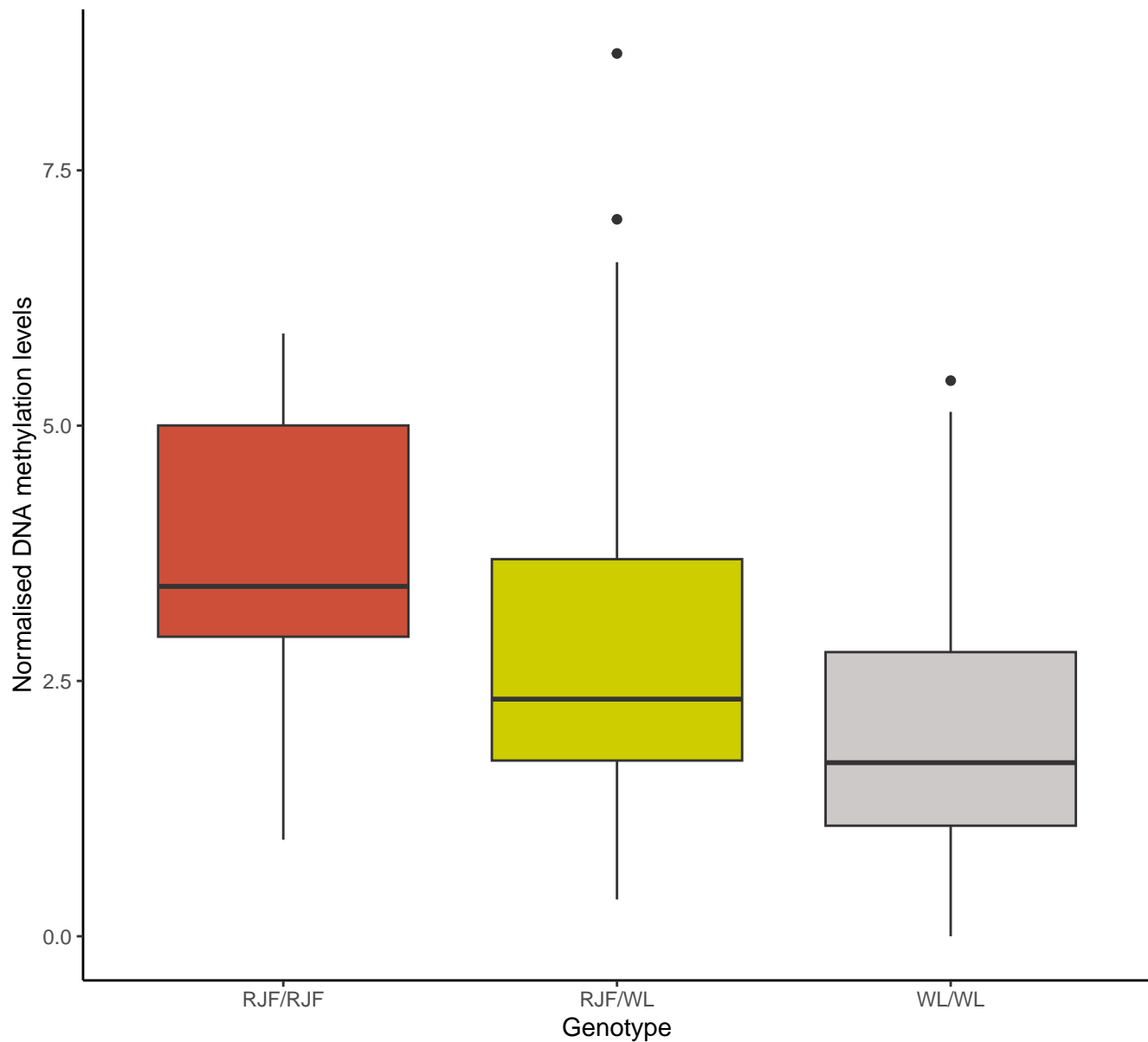
trans mQTL | chr4@0cM | LOD: 7.84
Methbin: chrZ_36886000 | marker:X4_1267185
CI: chr4:0–10.25cM



trans mQTL | chr21 @75.8cM | LOD: 6.05

Methbin: chrZ_37072000 | marker:Gg_rs15184205

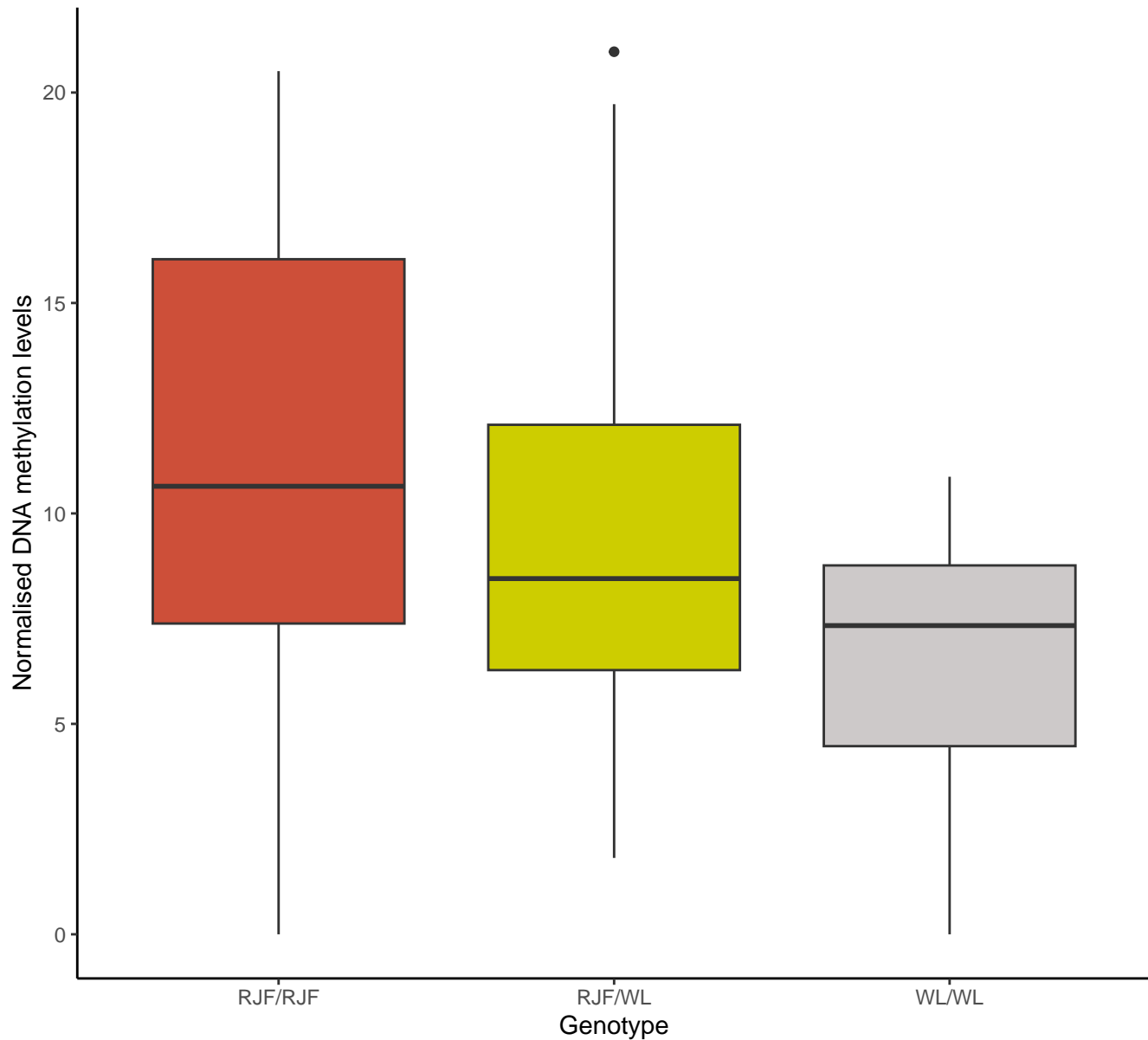
CI: chr21:60.3–120.1cM



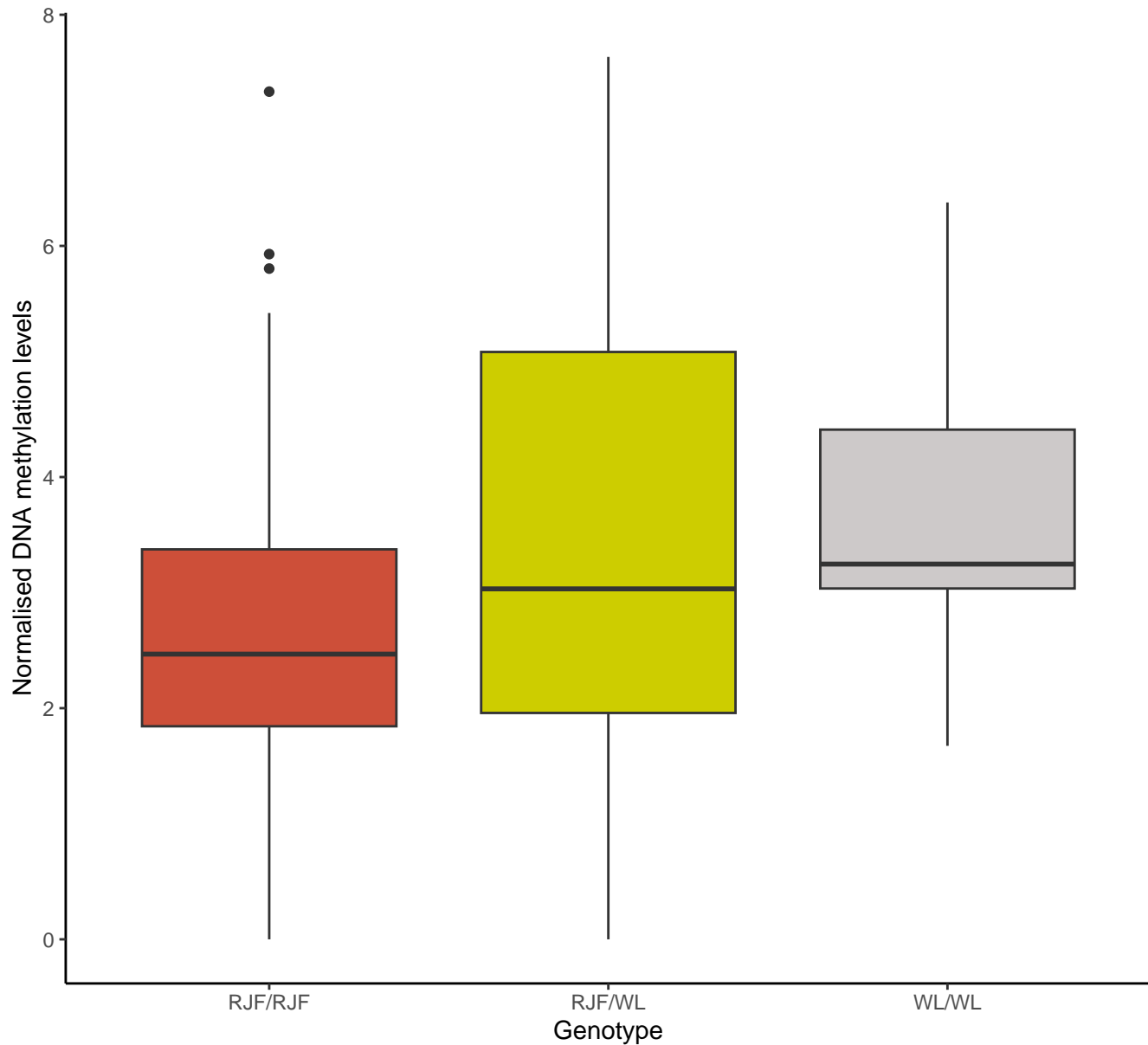
trans mQTL | chr17@58.07cM | LOD: 6.01

Methbin: chrZ_37179000 | marker:Gg_rs13744918

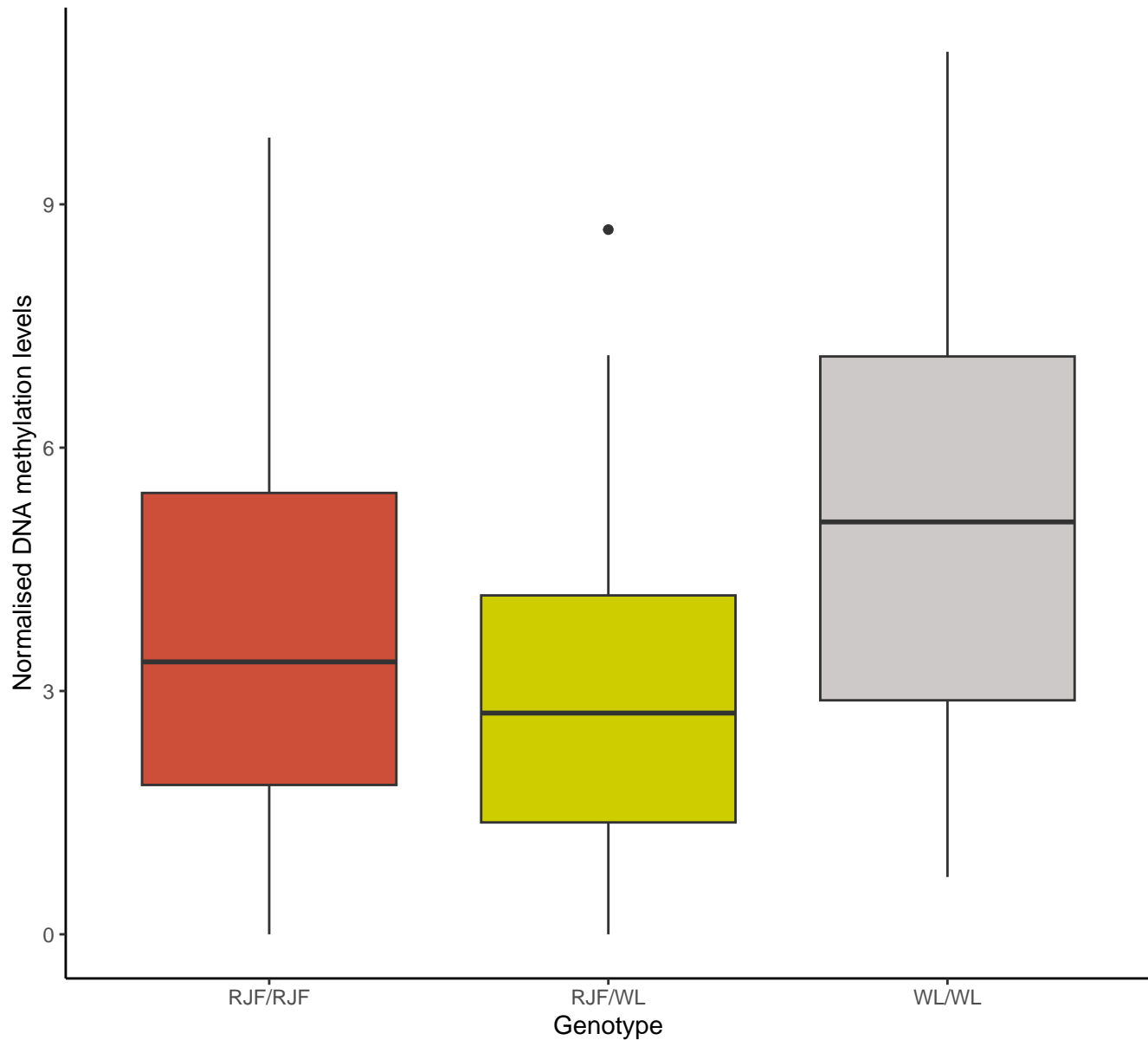
CI: chr17:15.5–81.37cM



trans mQTL | chr13@133.48cM | LOD: 6.49
Methbin: chrZ_37316000 | marker:Gg_rs14995644
CI: chr13:110.85–198.44cM



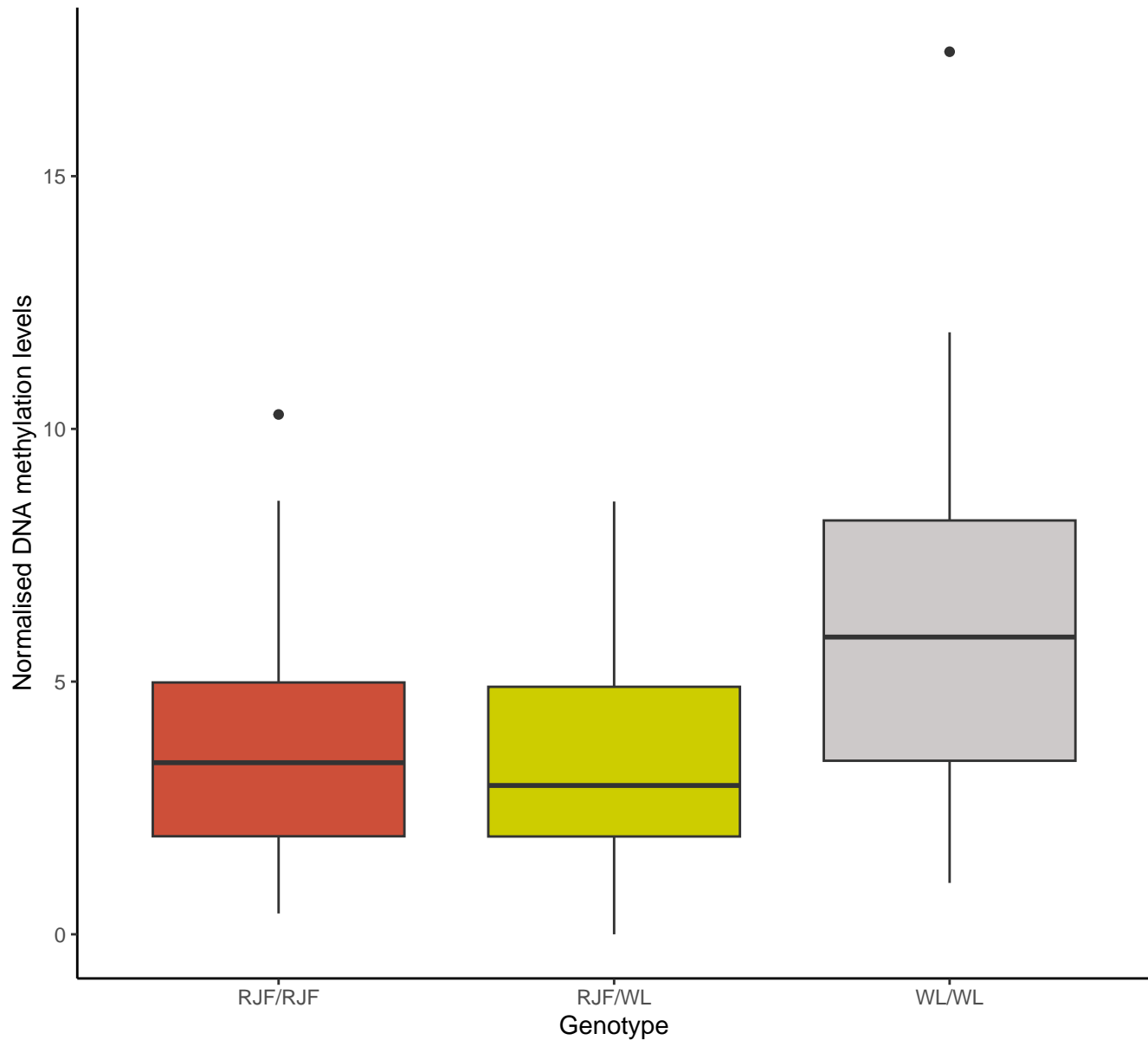
trans mQTL | chr3@571.83cM | LOD: 7.51
Methbin: chrZ_37326000 | marker:Gg_rs14386273
CI: chr3:557.74–578.5cM



trans mQTL | chr8@104cM | LOD: 6.48

Methbin: chrZ_37607000 | marker:Gg_rs14647568

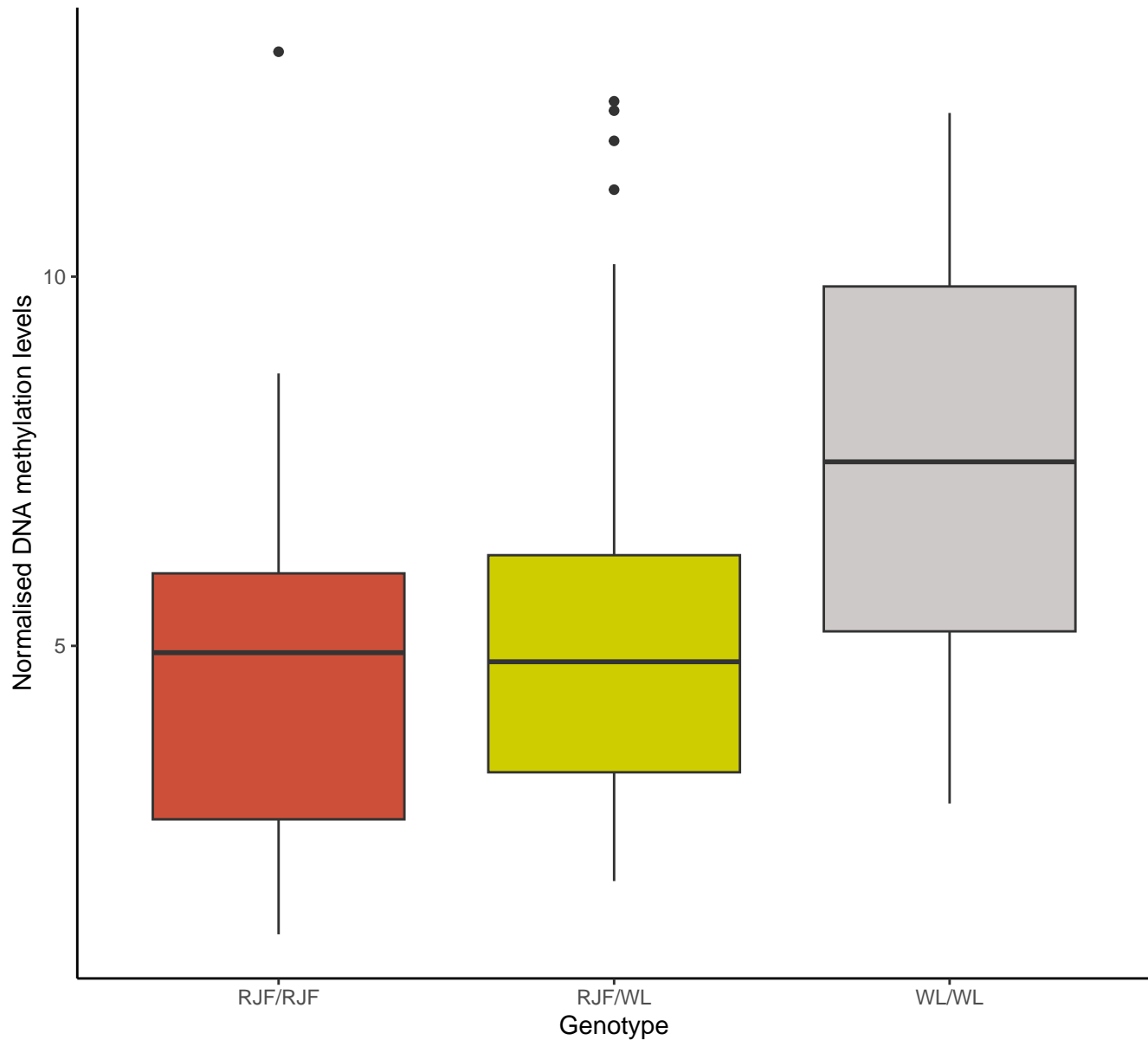
CI: chr8:91.83–138.8cM



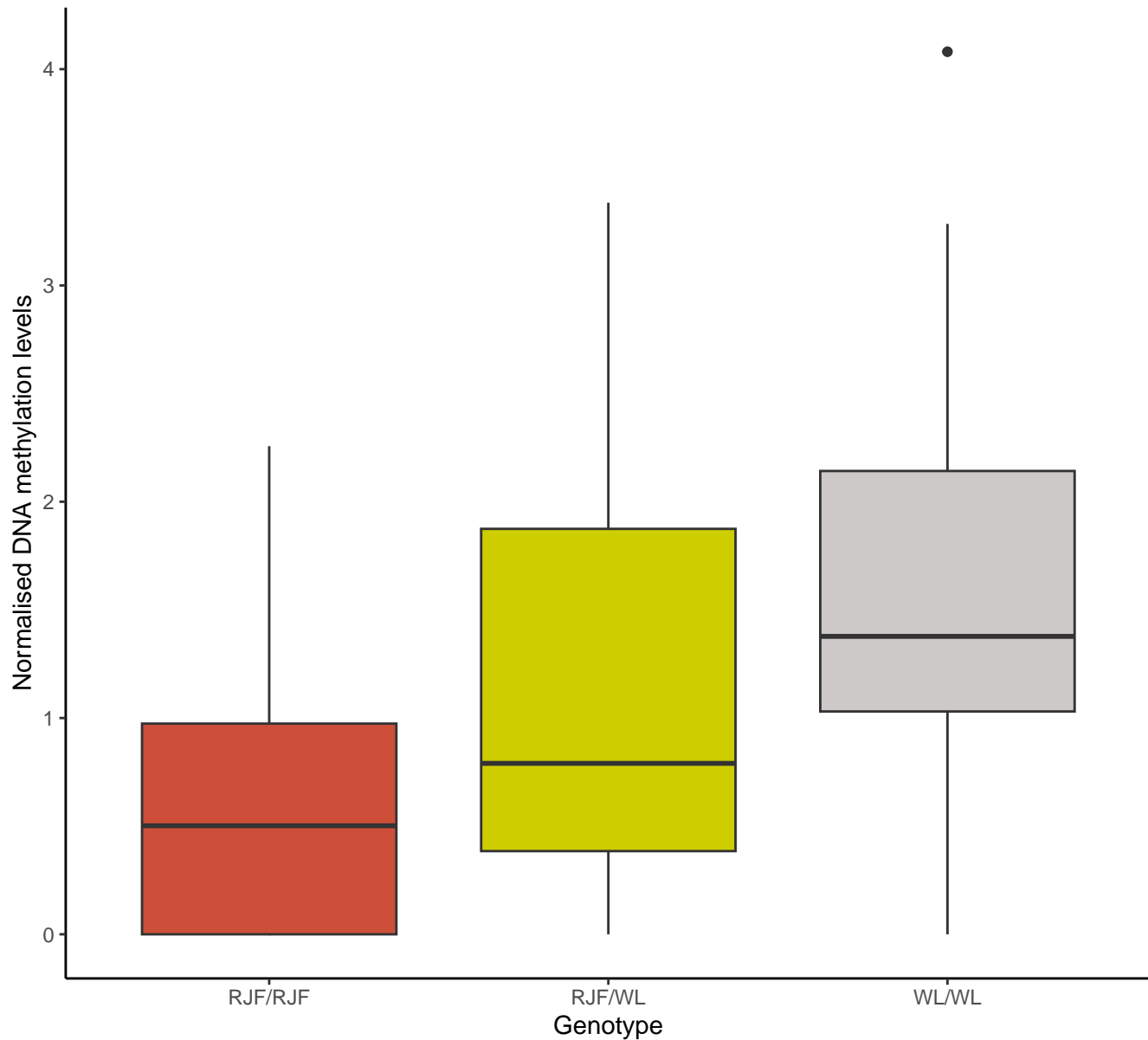
trans mQTL | chr2@730cM | LOD: 6.38

Methbin: chrZ_37825000 | marker:snp.12.170.1166.S.1

CI: chr2:712.97–740.86cM



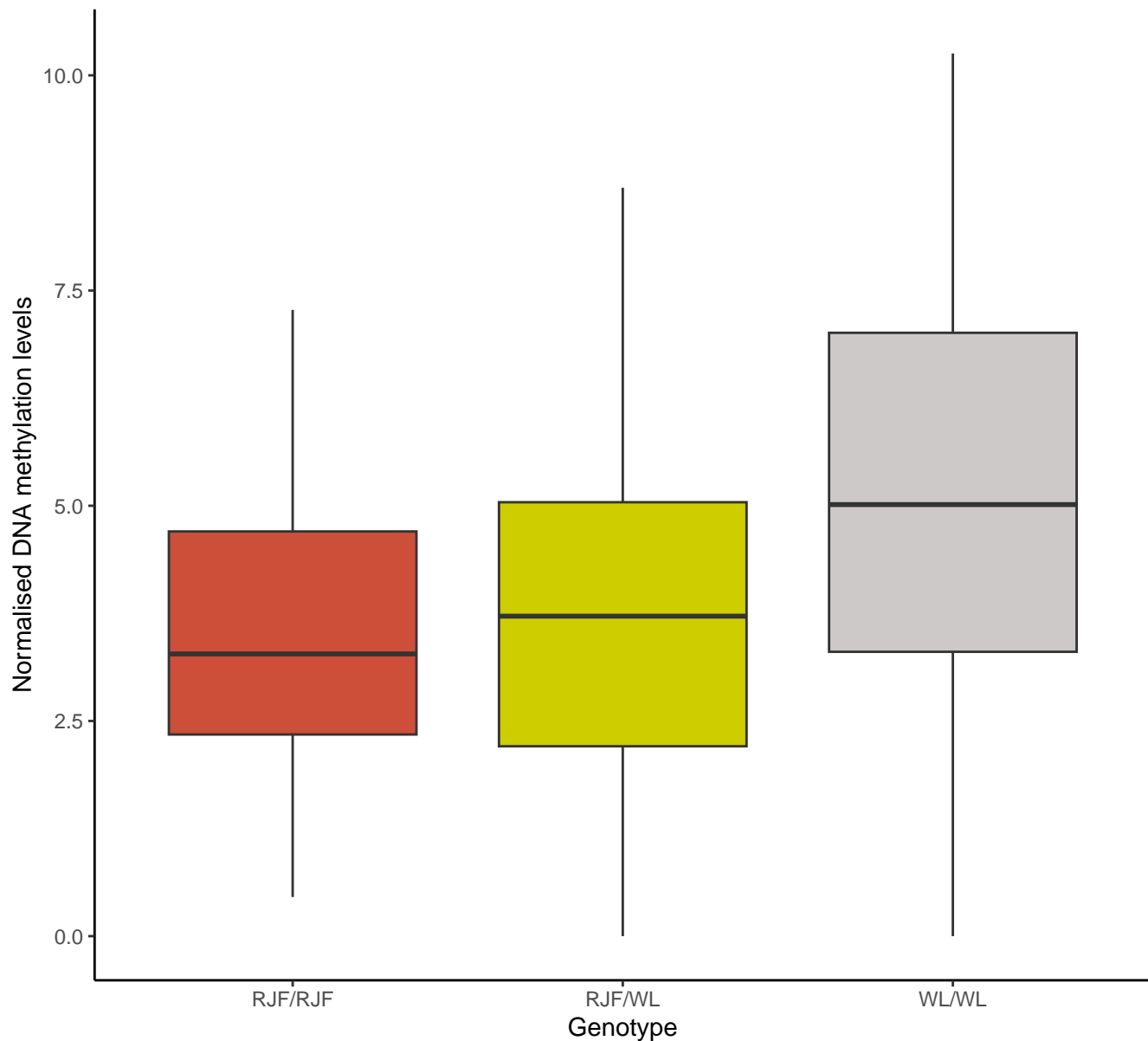
trans mQTL | chr2@1032cM | LOD: 6.53
Methbin: chrZ_37870000 | marker:Gg_rs14248701
CI: chr2:994.21–1050.96cM



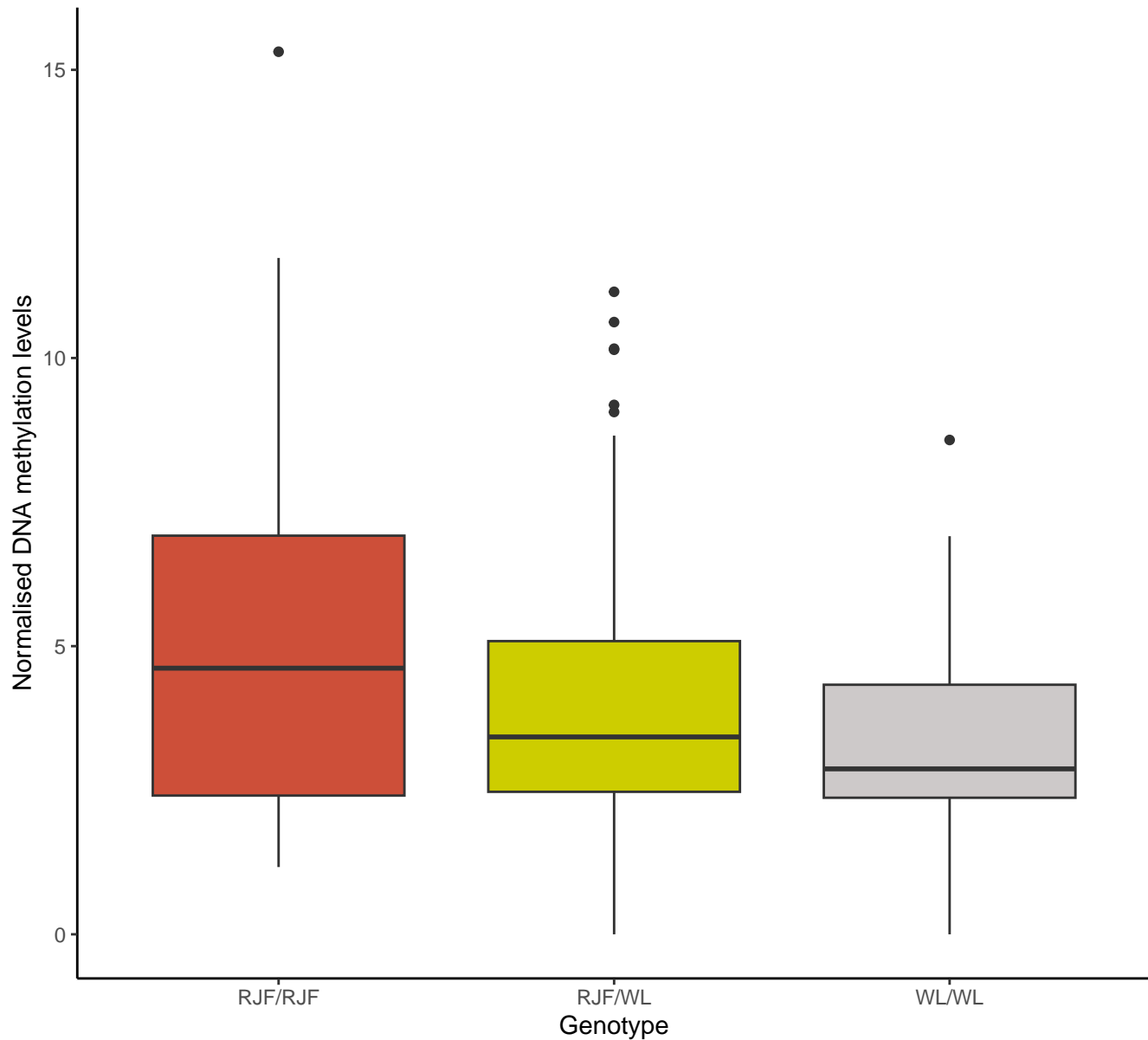
trans mQTL | chr14@25cM | LOD: 6.24

Methbin: chrZ_37993000 | marker:Gg_rs13531123

CI: chr14:4.68–36.05cM



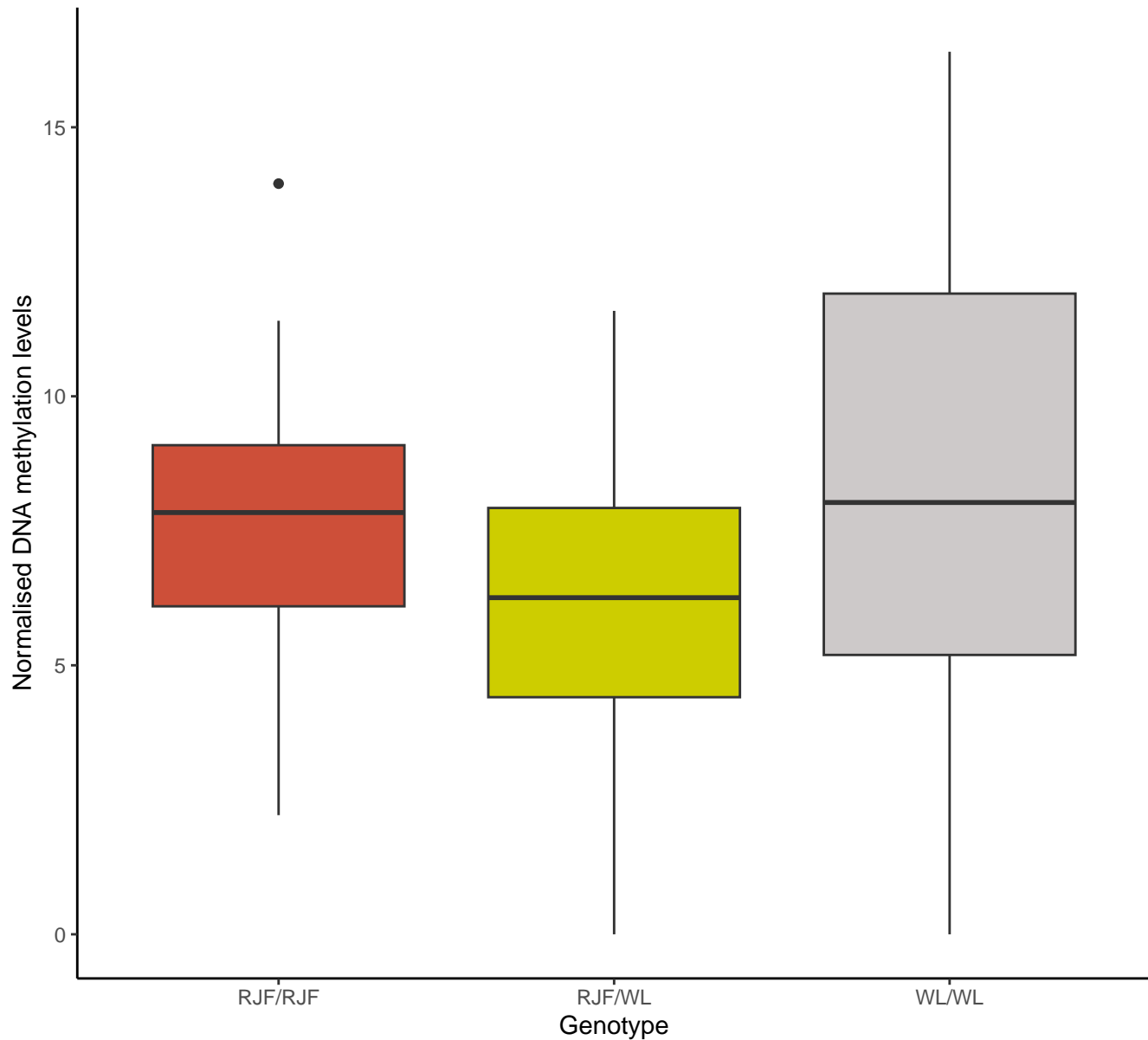
trans mQTL | chr1@1411.38cM | LOD: 5.93
Methbin: chrZ_38015000 | marker:Gg_rs14858437
CI: chr1:1393.29–1500.49cM



trans mQTL | chr11@0cM | LOD: 5.99

Methbin: chrZ_38090000 | marker:Gg_rs14957923

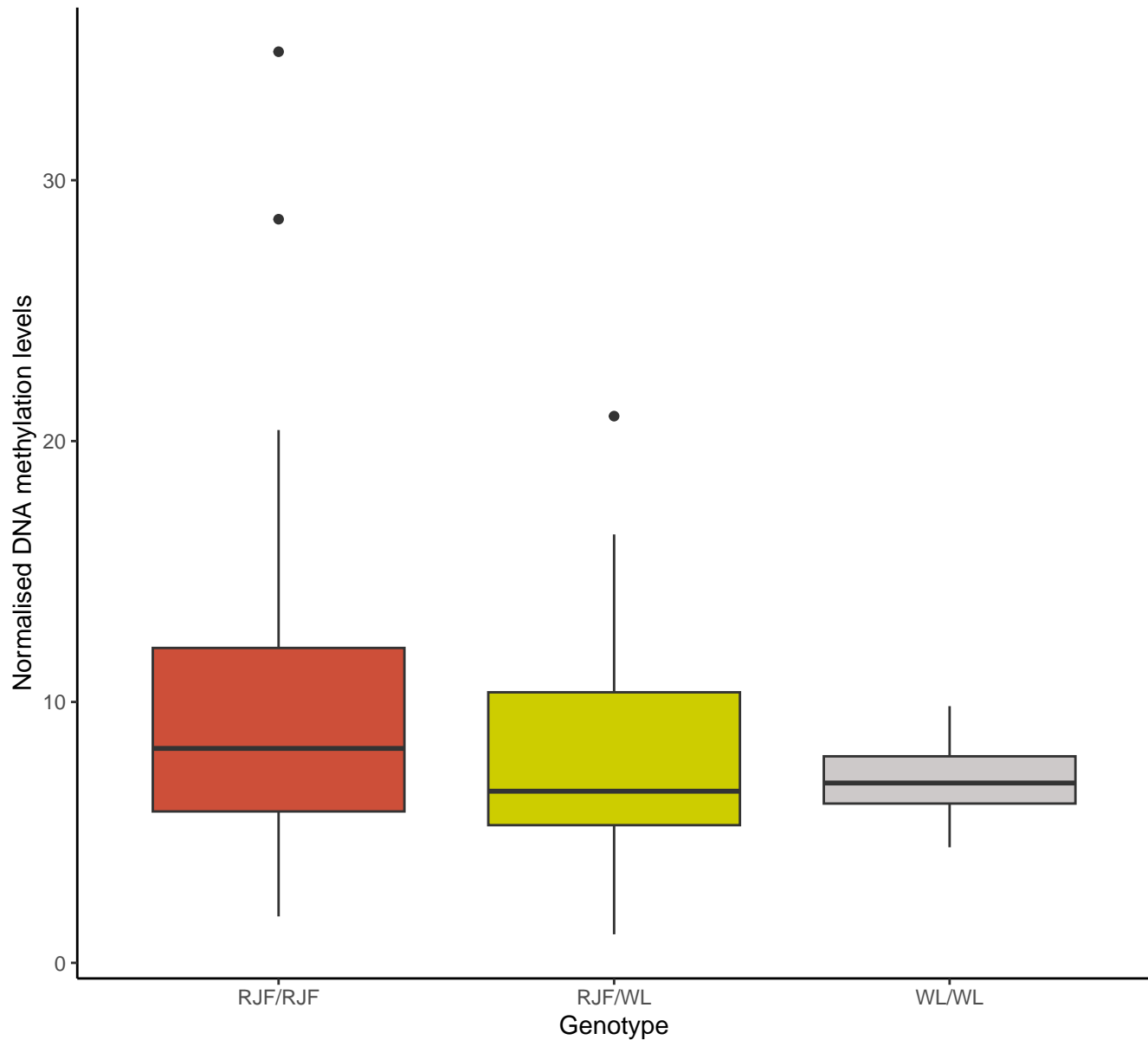
CI: chr11:0–70.37cM



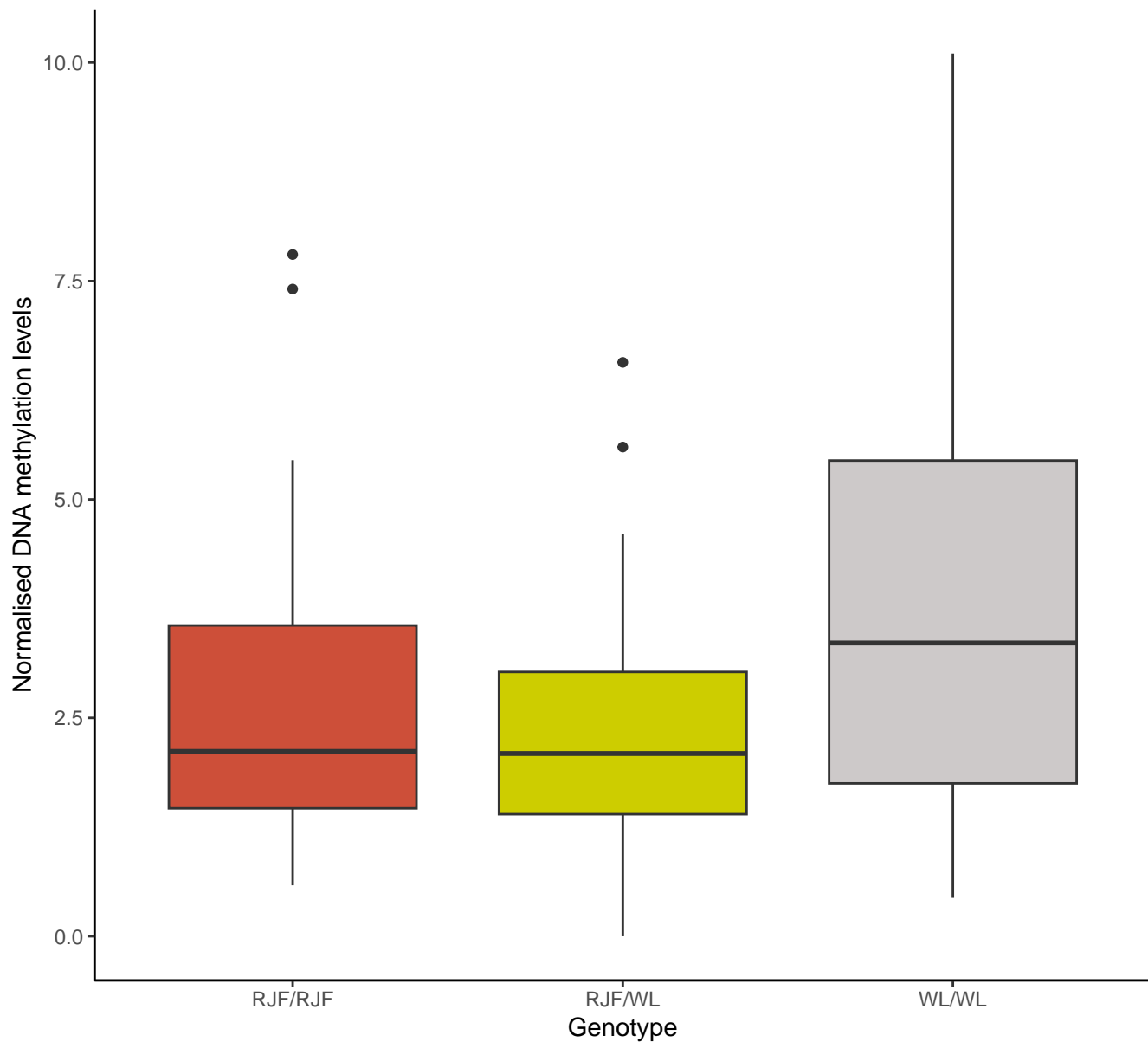
trans mQTL | chr9@102.34cM | LOD: 6.01

Methbin: chrZ_38212000 | marker:Gg_rs14671718

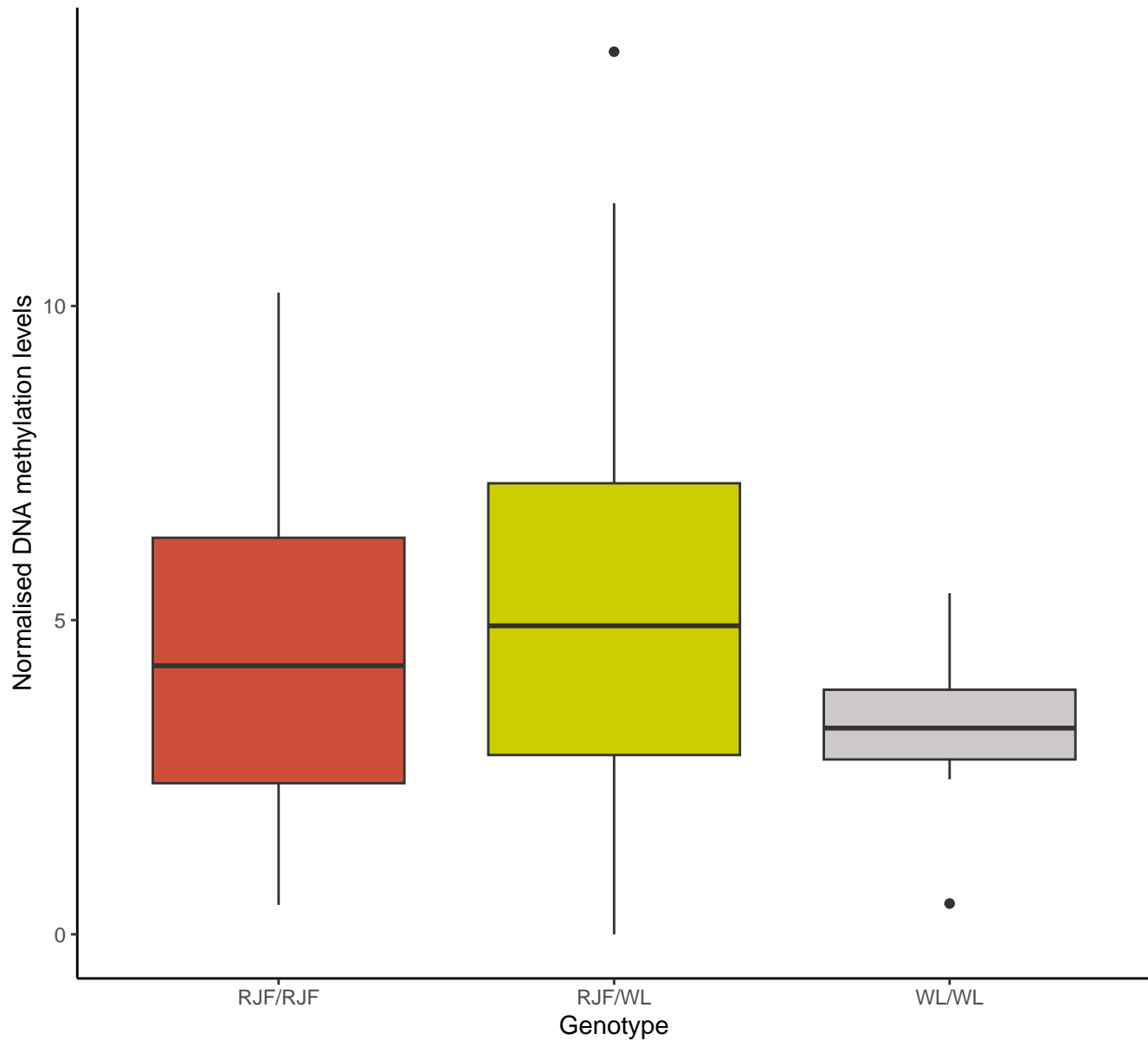
CI: chr9:51.07–117.55cM



trans mQTL | chr6@105.16cM | LOD: 6.67
Methbin: chrZ_38263000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



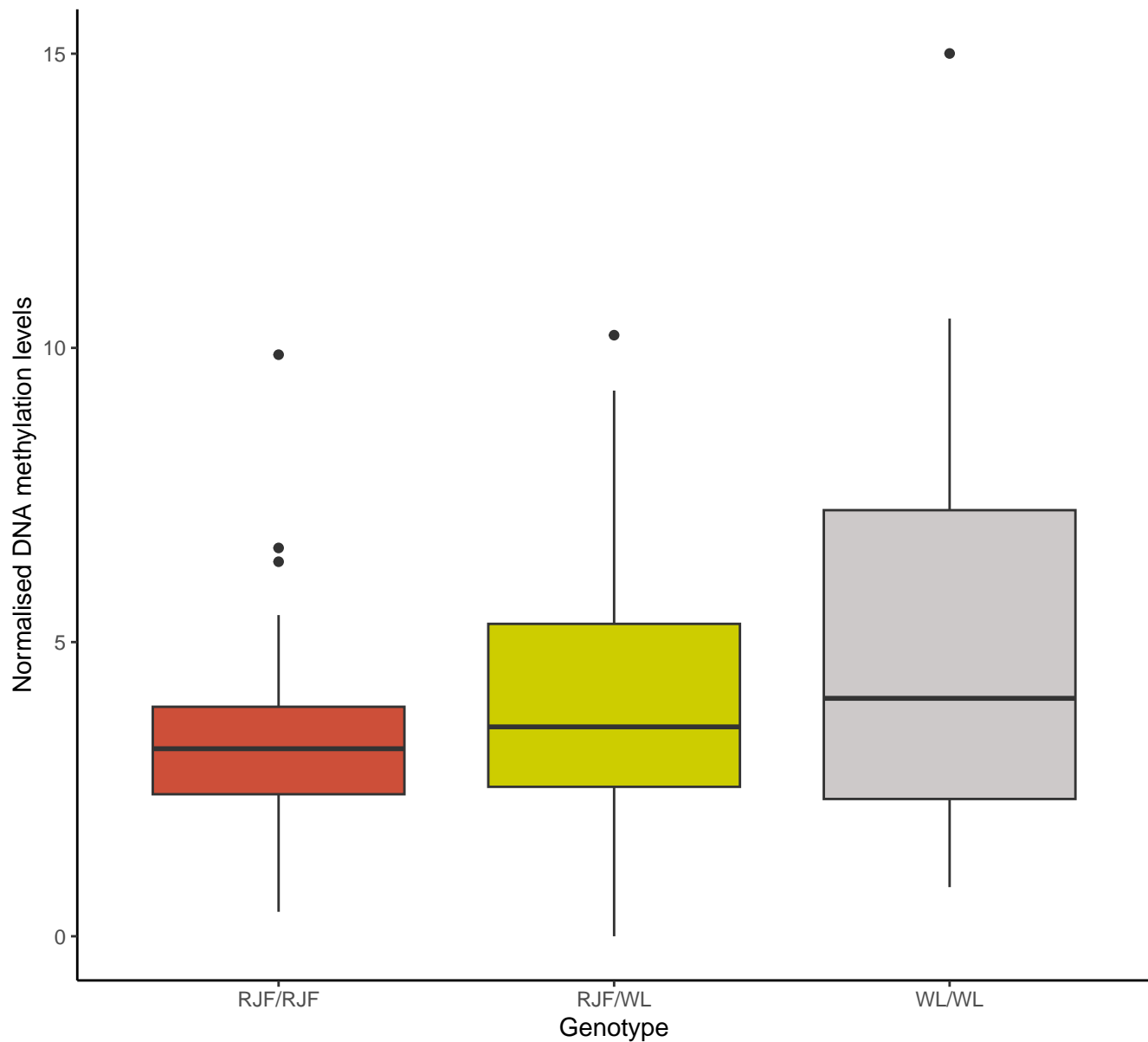
trans mQTL | chr8@0cM | LOD: 6.03
Methbin: chrZ_38656000 | marker:RBL4827
CI: chr8:0–21.19cM



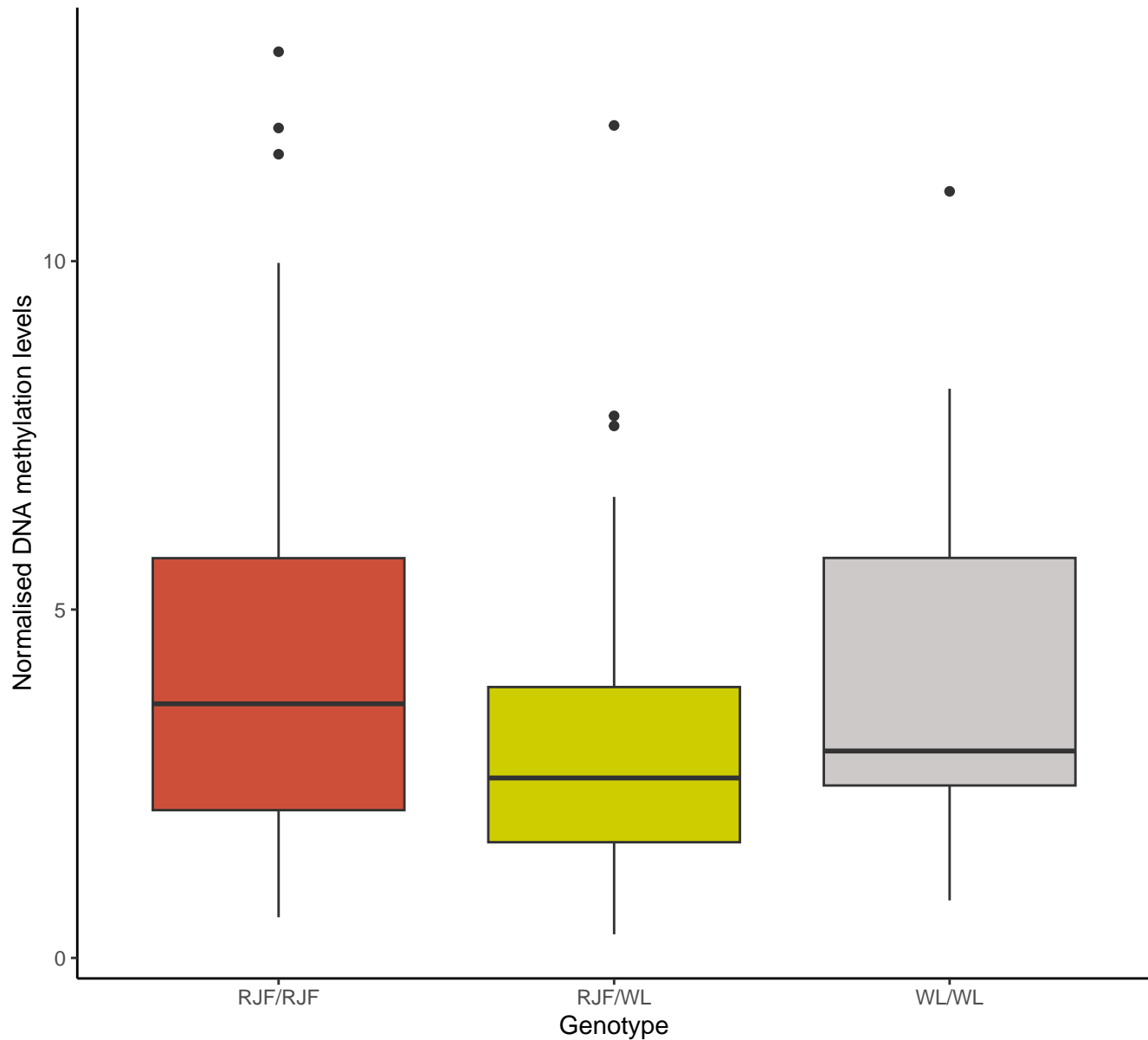
trans mQTL | chr14@265.73cM | LOD: 6.71

Methbin: chrZ_38856000 | marker:rb11871

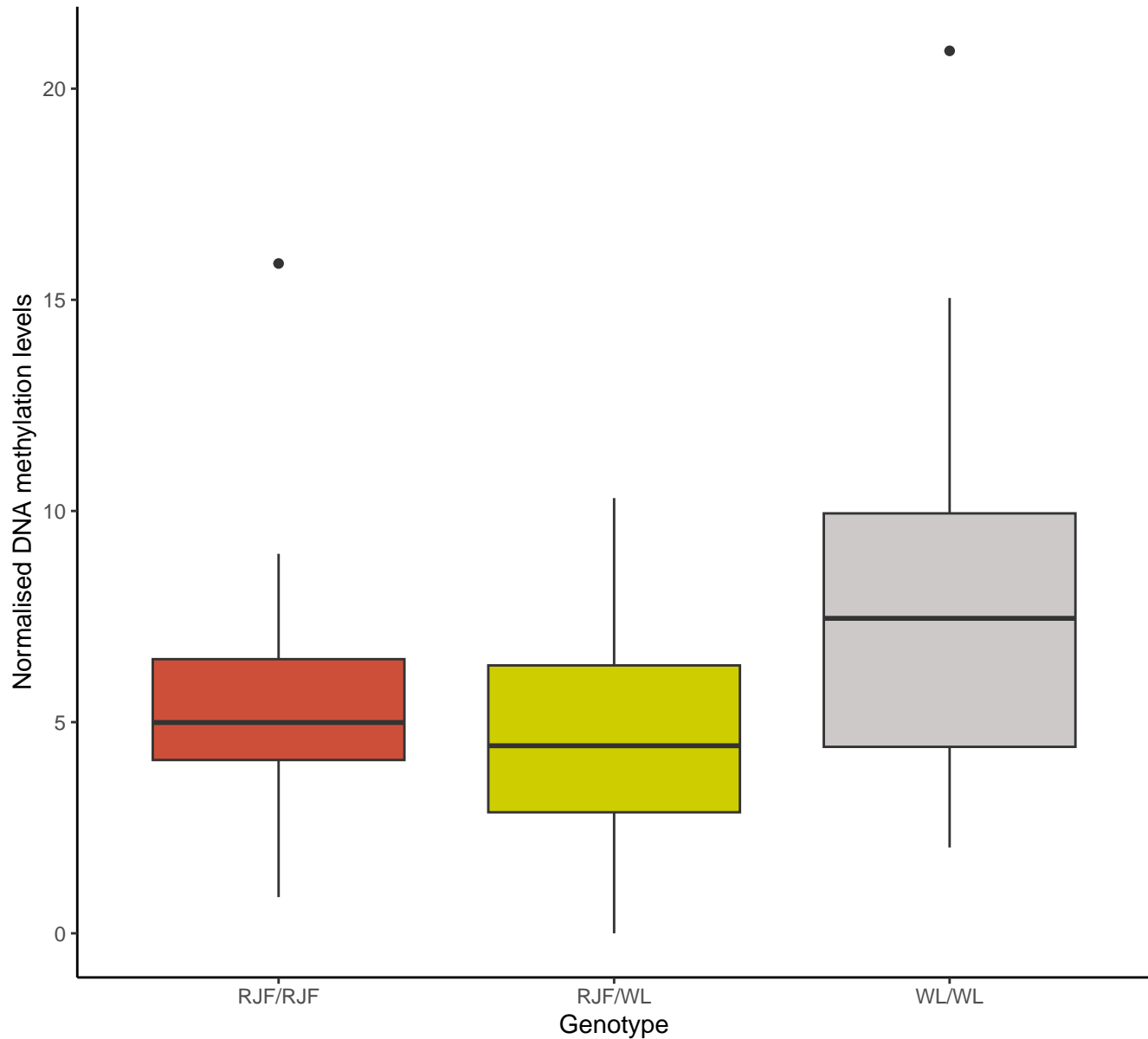
CI: chr14:241.01–265.73cM



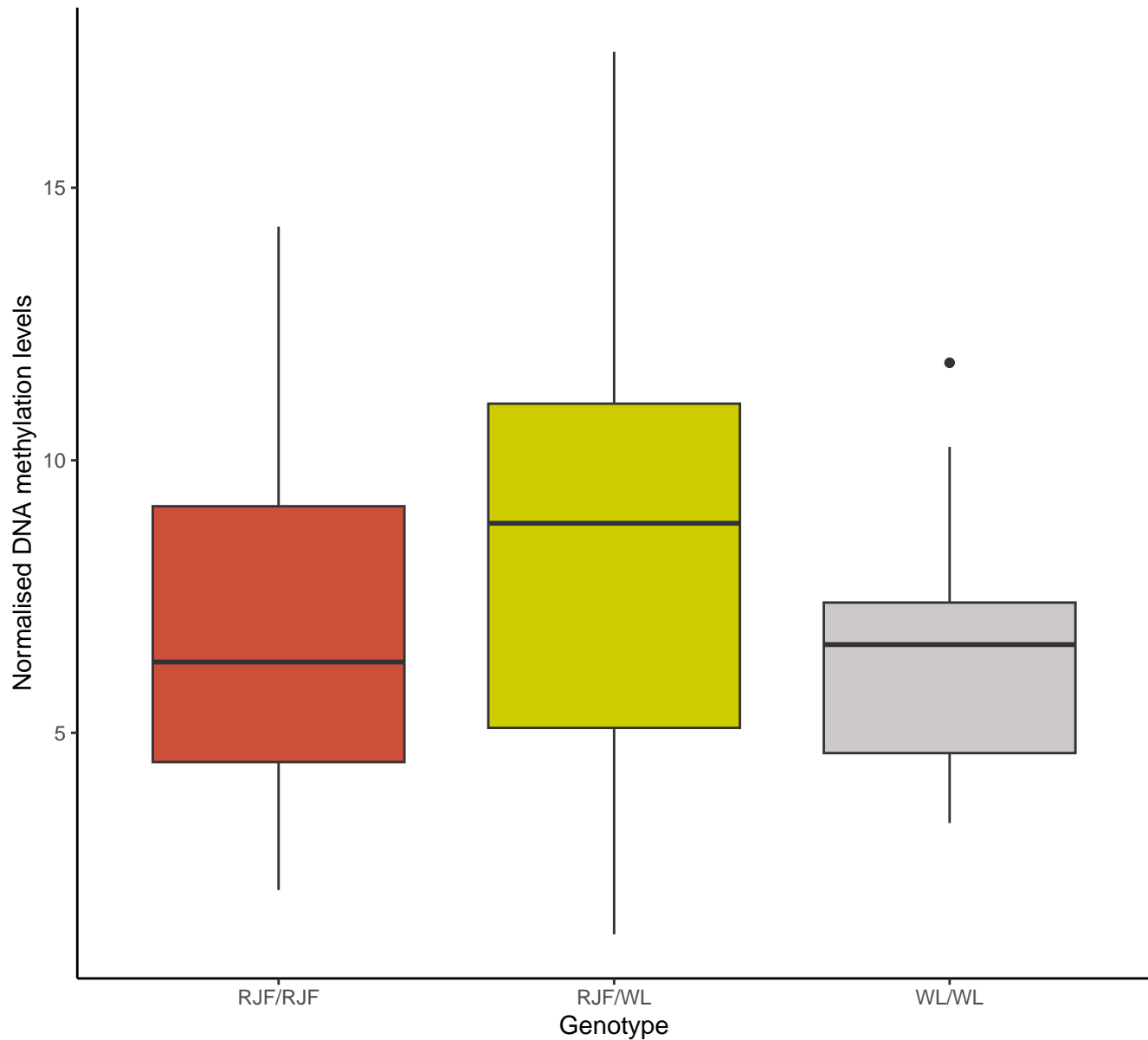
trans mQTL | chr1@1410.84cM | LOD: 6.7
Methbin: chrZ_38953000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



trans mQTL | chr3@745.46cM | LOD: 6.66
Methbin: chrZ_39169000 | marker:Gg_rs14413960
CI: chr3:733.93–745.46cM



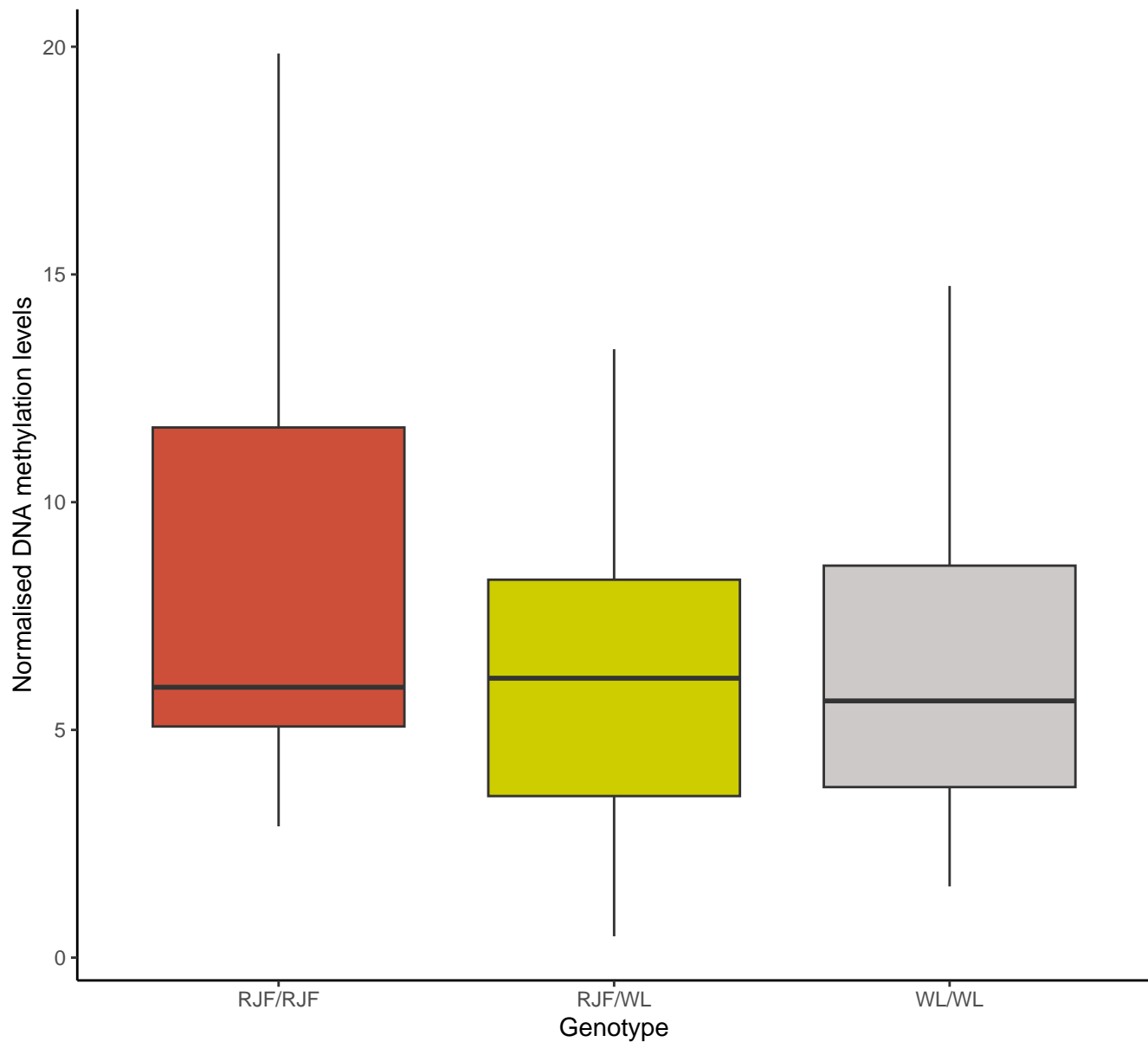
trans mQTL | chr7@212.26cM | LOD: 6.9
Methbin: chrZ_39273000 | marker:Gg_rs15865067
CI: chr7:176.48–225.14cM



trans mQTL | chr1@2210.81cM | LOD: 6.15

Methbin: chrZ_39275000 | marker:snp.317.20.11874.S.1

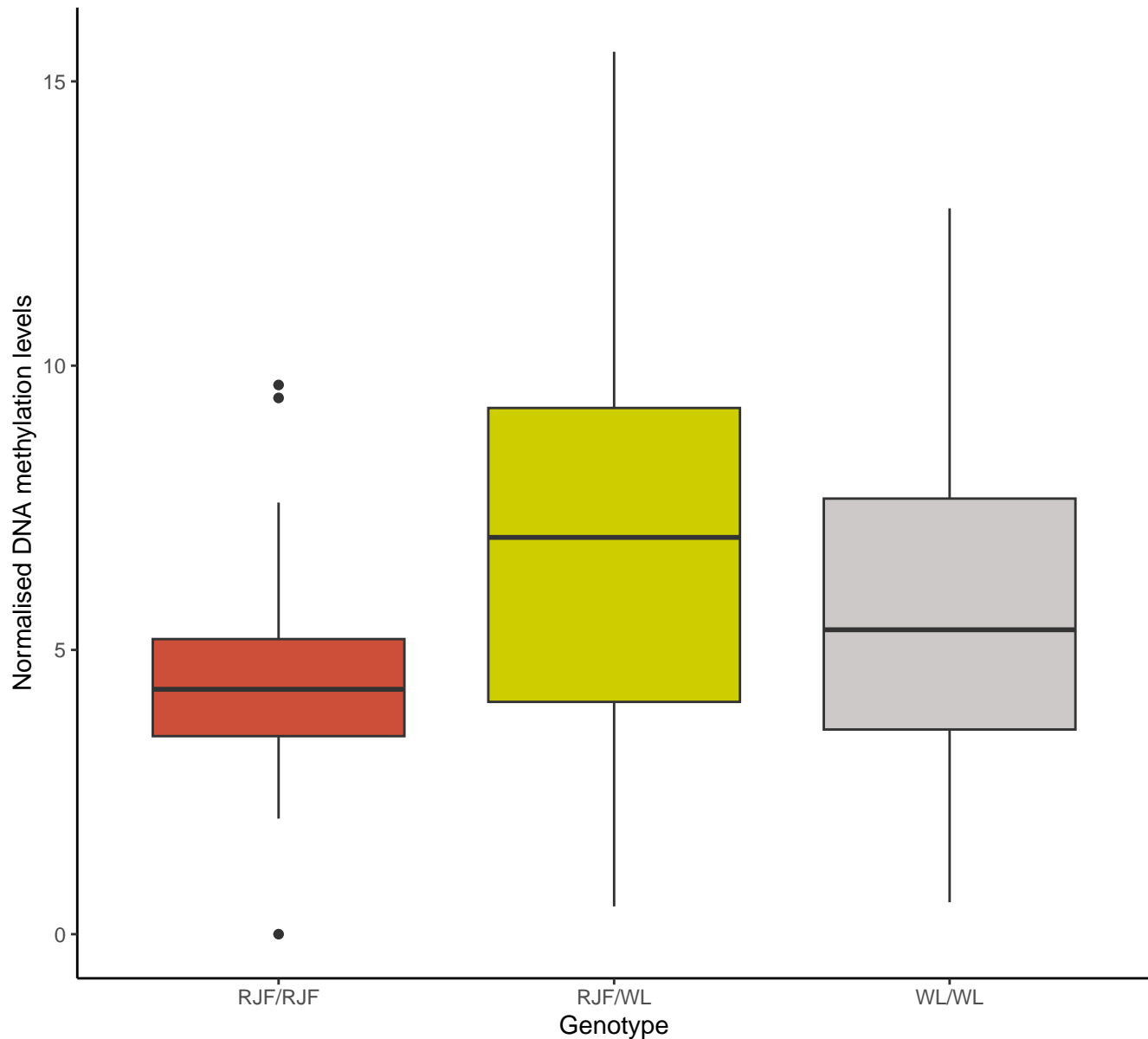
CI: chr1:2094.51–2334.16cM



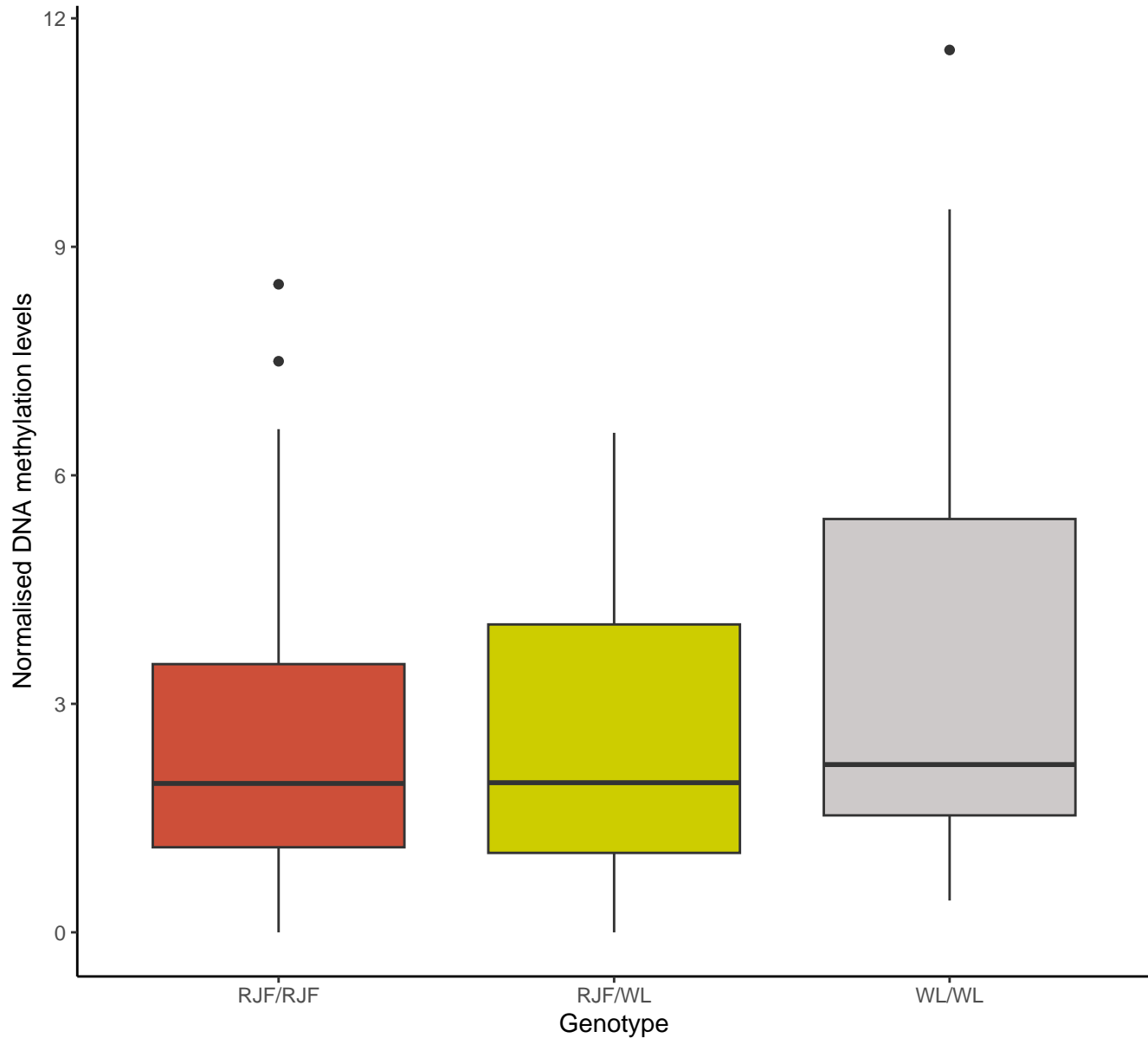
trans mQTL | chr2@179.78cM | LOD: 7.29

Methbin: chrZ_39341000 | marker:Gg_rs15067636

CI: chr2:162.05–202.85cM



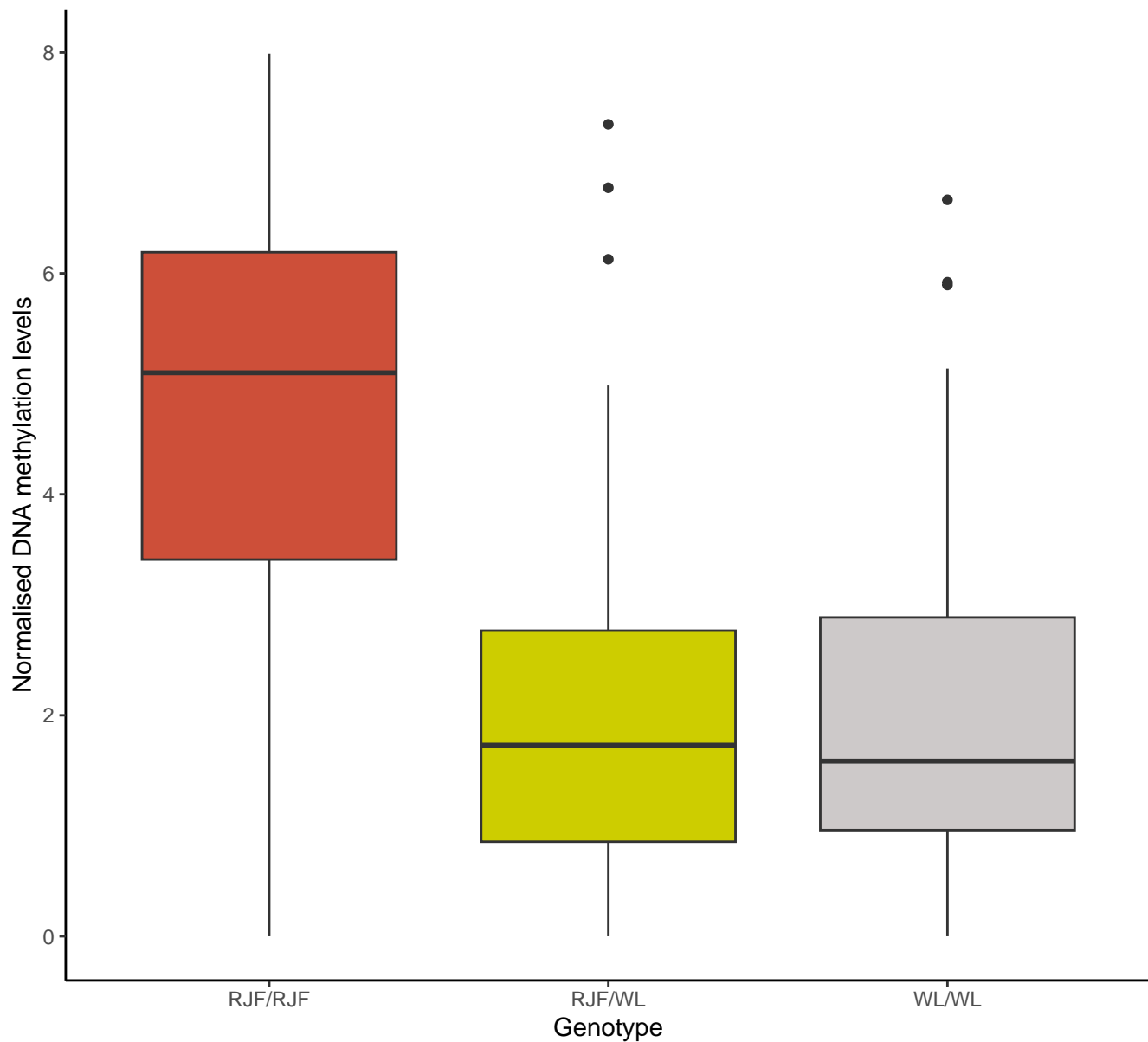
trans mQTL | chr4@0cM | LOD: 7.41
Methbin: chrZ_39408000 | marker:X4_1267185
CI: chr4:0–10.25cM



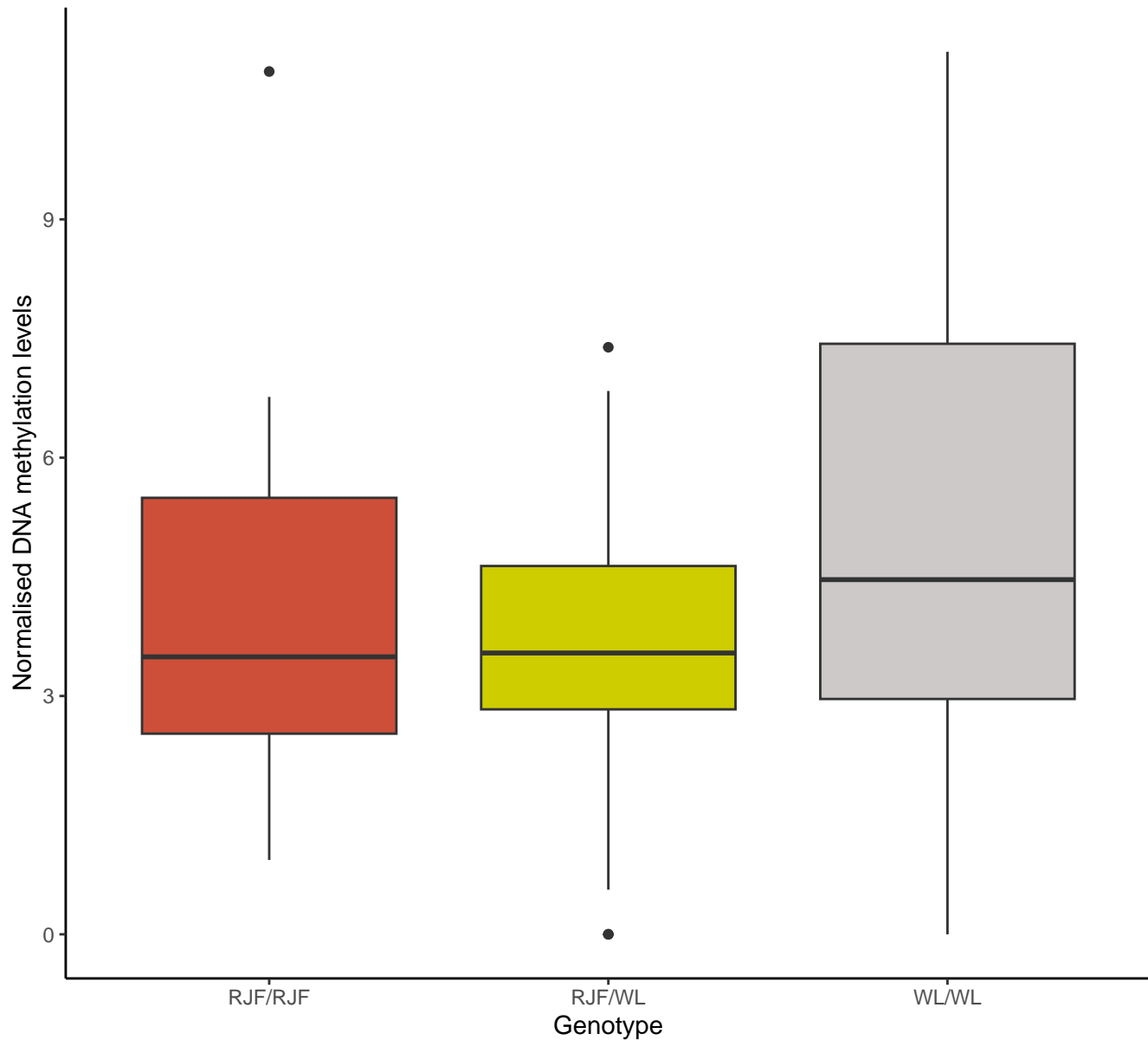
trans mQTL | chr5@182.4cM | LOD: 6.98

Methbin: chrZ_39664000 | marker:Gg_rs15679503

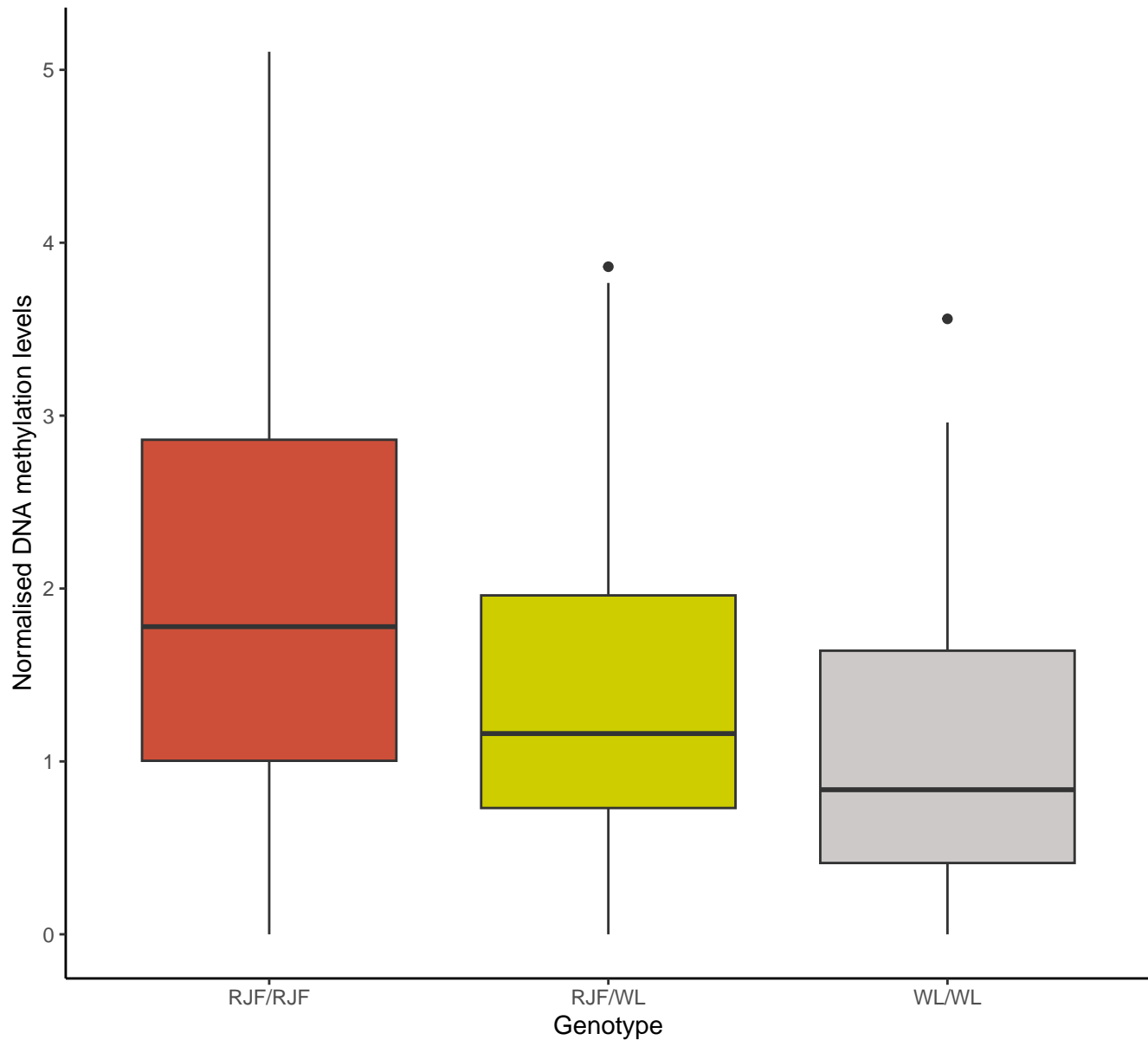
CI: chr5:131.24–200.39cM



trans mQTL | chr28@52.38cM | LOD: 8.78
Methbin: chrZ_39720000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



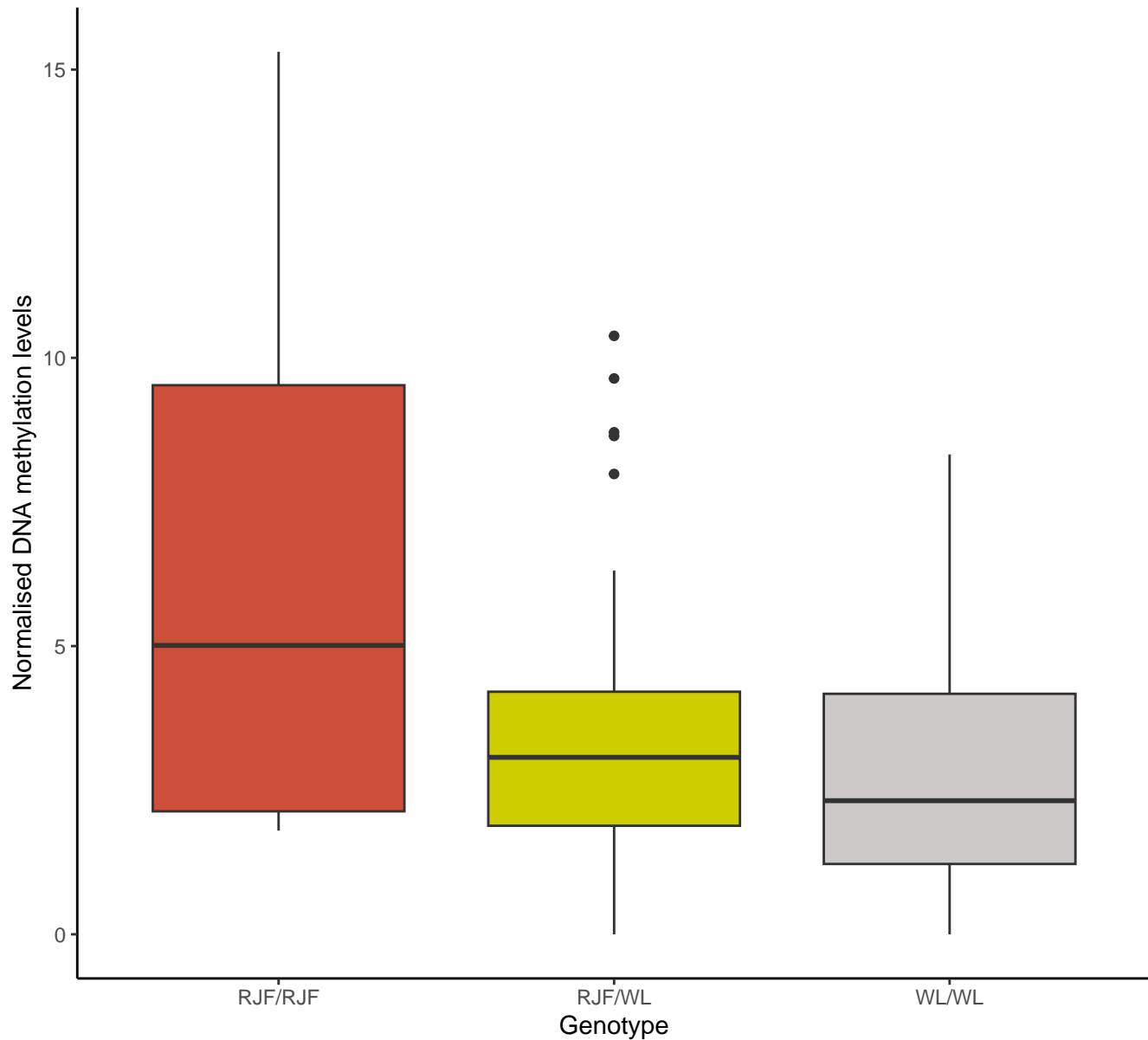
trans mQTL | chr1 @ 1411.38cM | LOD: 6.91
Methbin: chrZ_39968000 | marker: Gg_rs14858437
CI: chr1:1408.1–1500.49cM



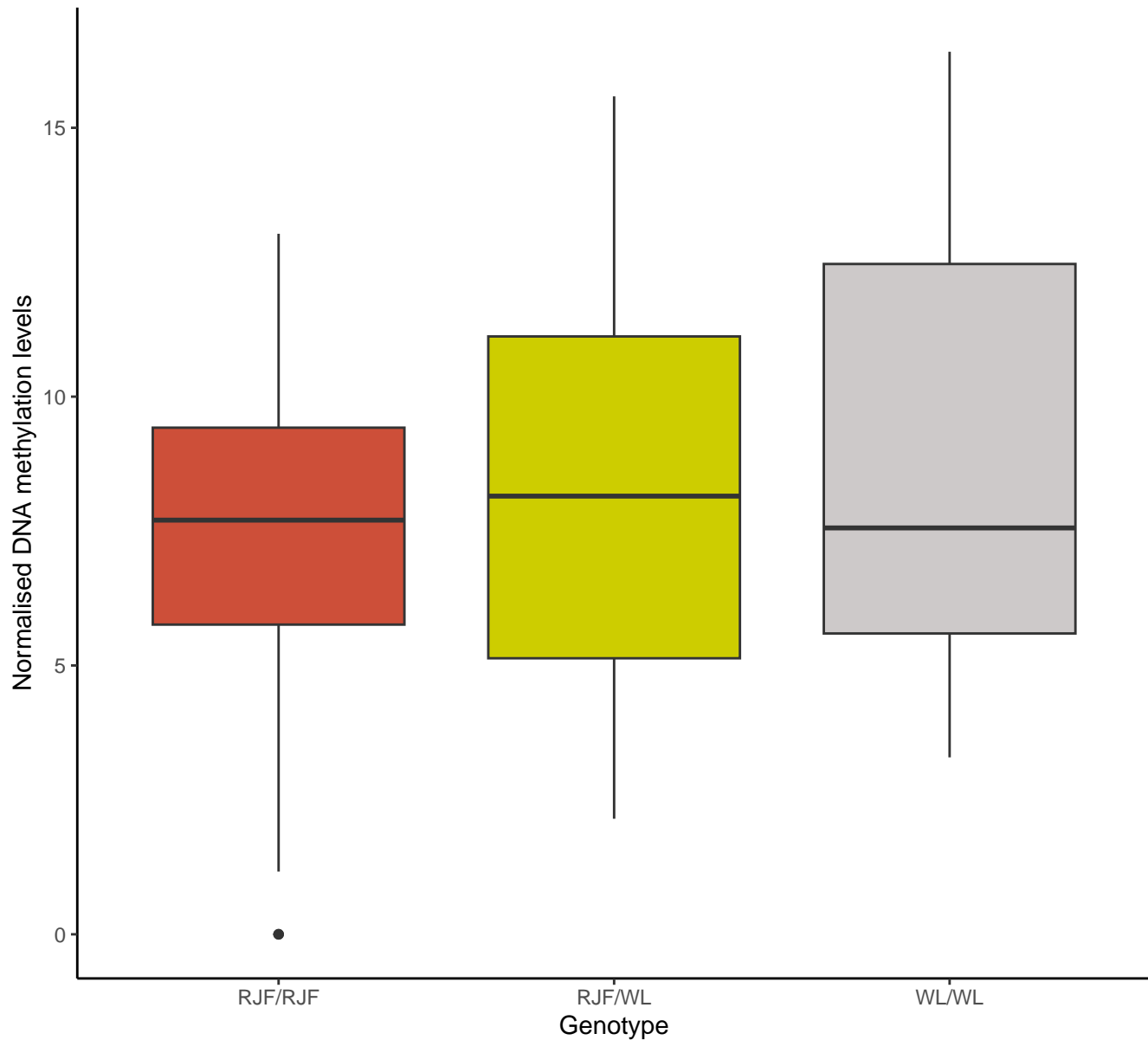
trans mQTL | chr12@57.81cM | LOD: 6.21

Methbin: chrZ_40021000 | marker:Gg_rs13609494

CI: chr12:34.82–85.17cM



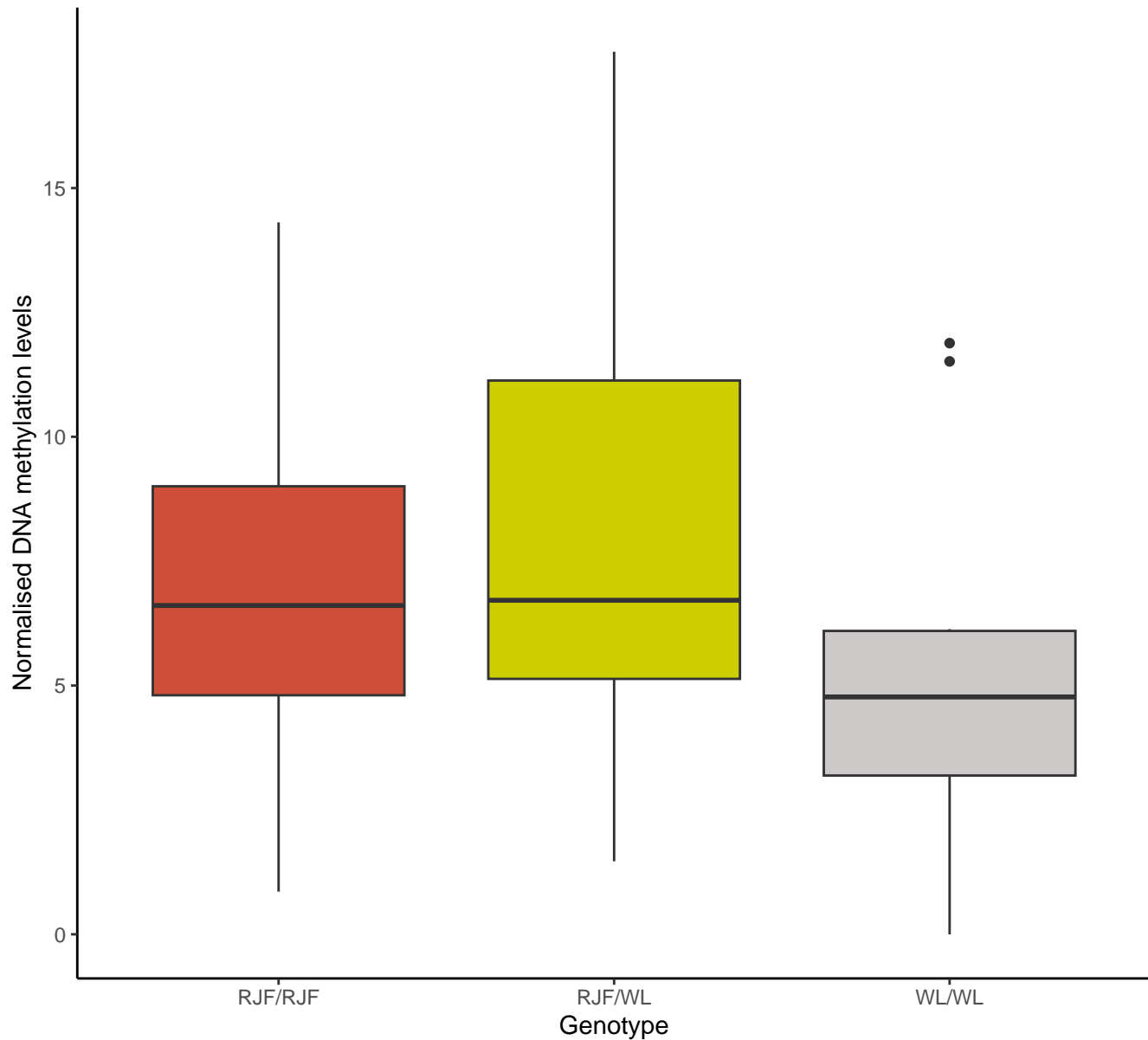
trans mQTL | chr2@146cM | LOD: 6.17
Methbin: chrZ_40150000 | marker:Gg_rs14139246
CI: chr2:98.38–162.05cM



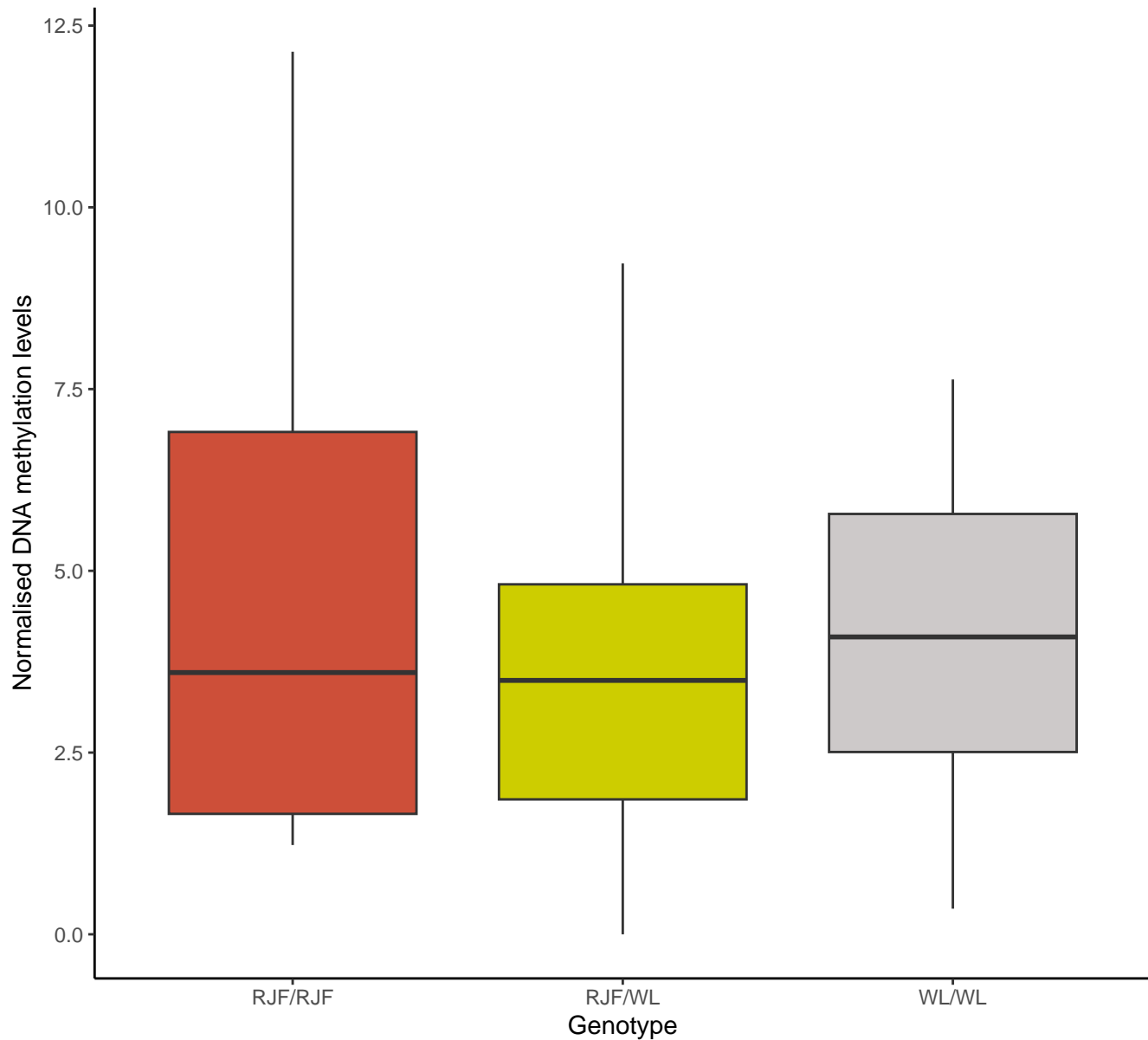
trans mQTL | chr1 @ 1688.09cM | LOD: 6.35

Methbin: chrZ_40191000 | marker:snp.146.19.59713.S.2

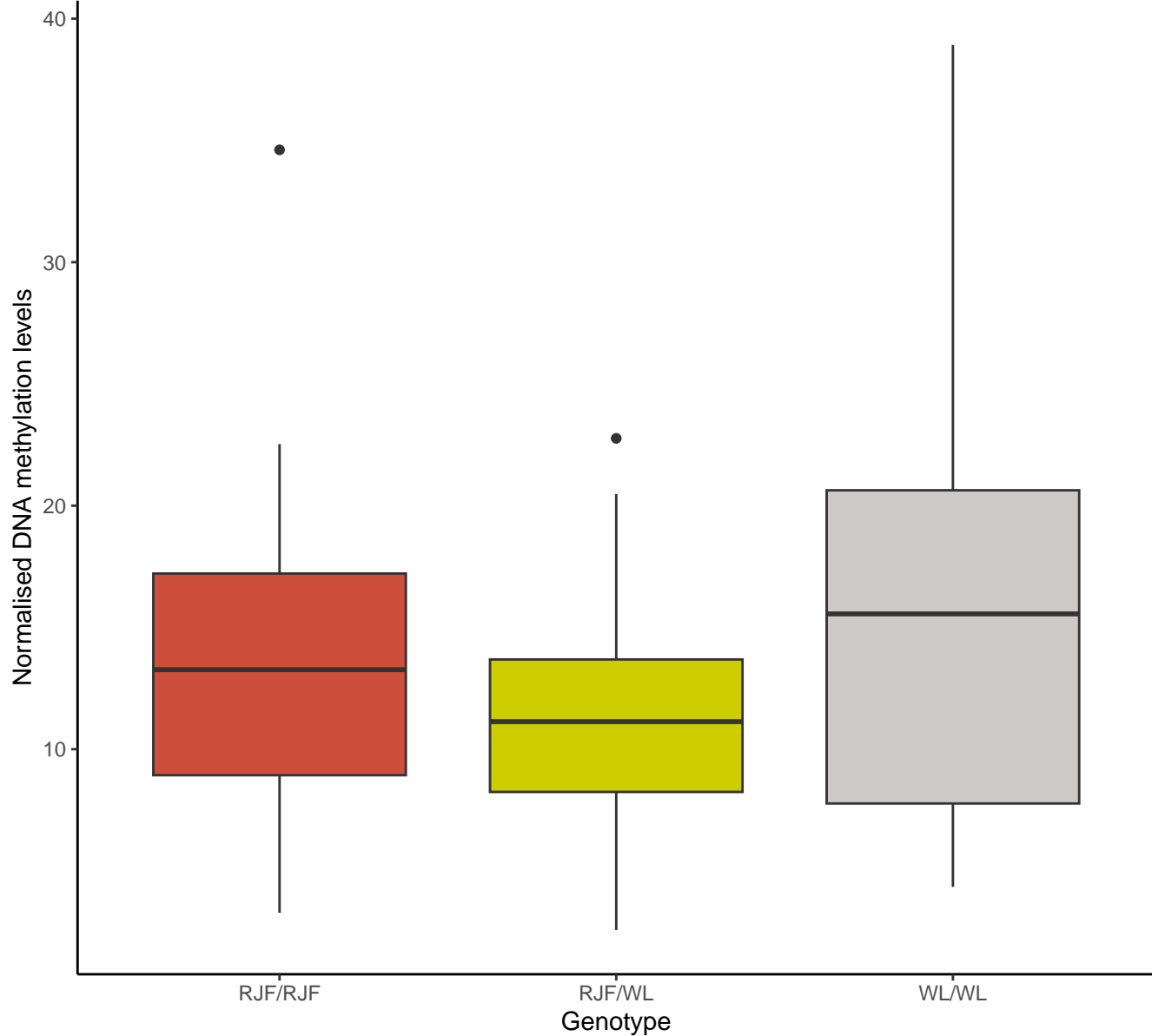
CI: chr1:1625.53–1728.49cM



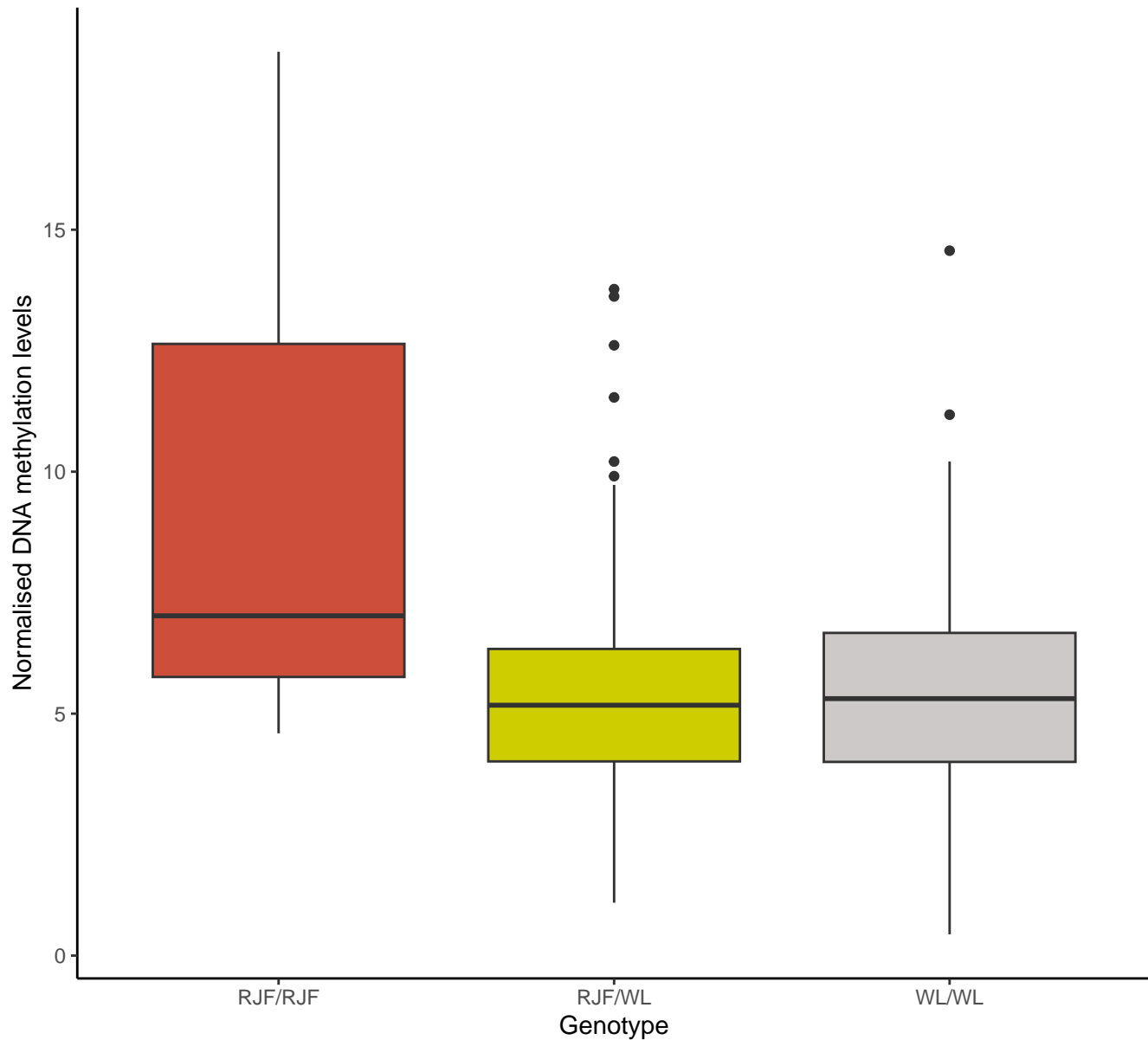
trans mQTL | chr2@90.91cM | LOD: 6.5
Methbin: chrZ_40210000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



trans mQTL | chr24@0cM | LOD: 6.5
Methbin: chrZ_40353000 | marker:Gg_rs14292805
CI: chr24:0–14.08cM



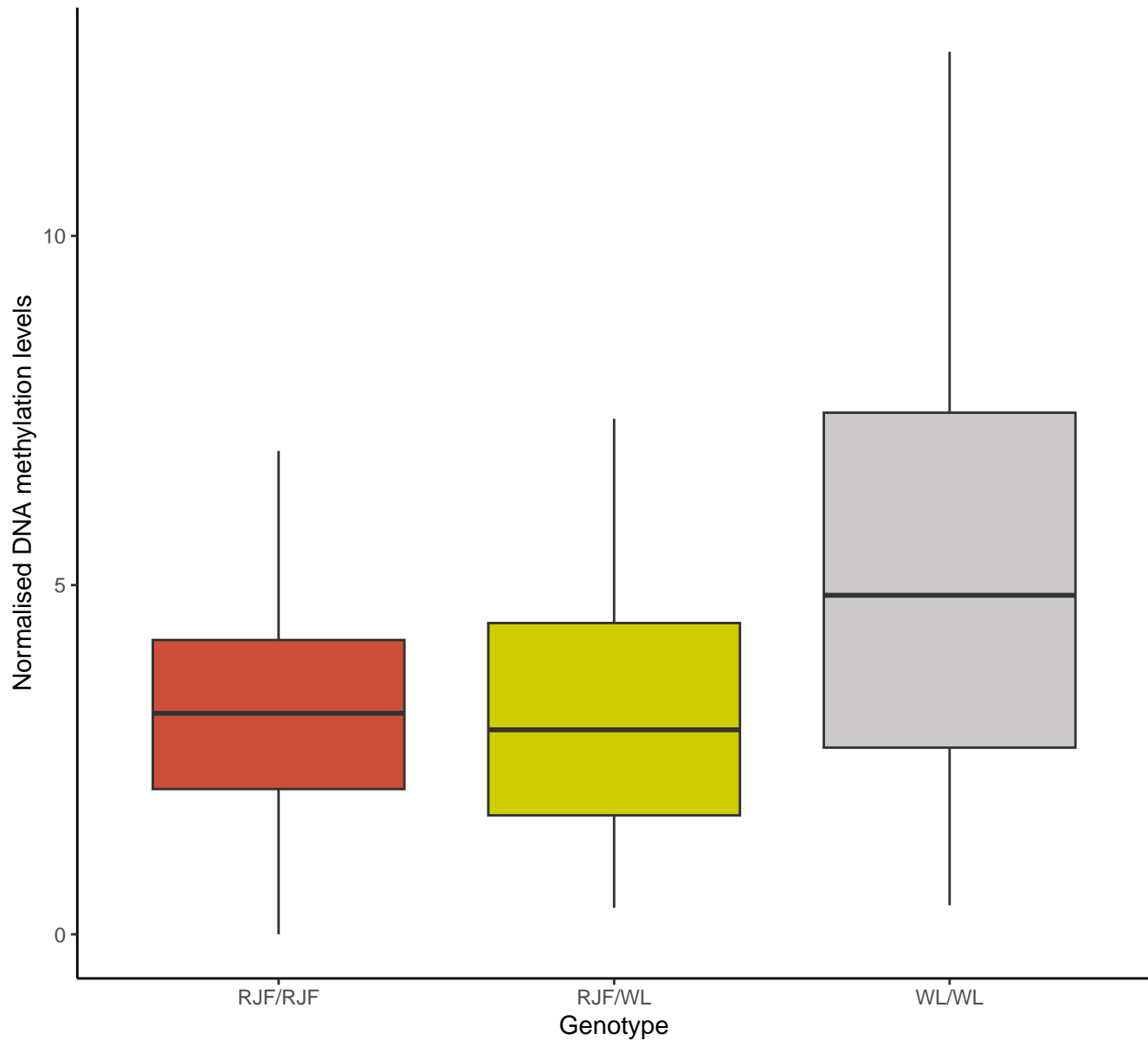
trans mQTL | chr12@57.81cM | LOD: 6.03
Methbin: chrZ_40611000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



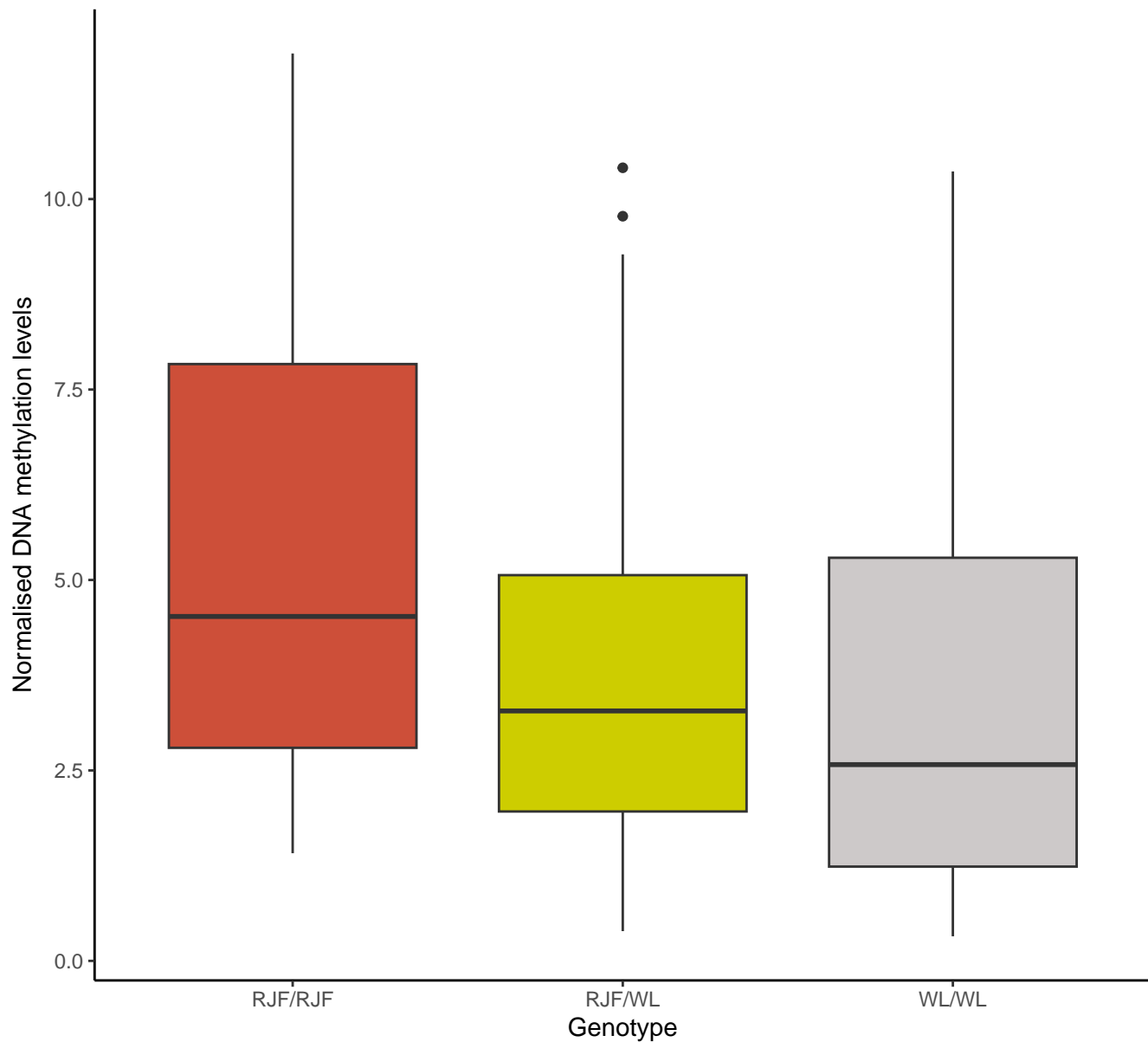
trans mQTL | chr6@105.16cM | LOD: 6.2

Methbin: chrZ_40791000 | marker:Gg_rs14568888

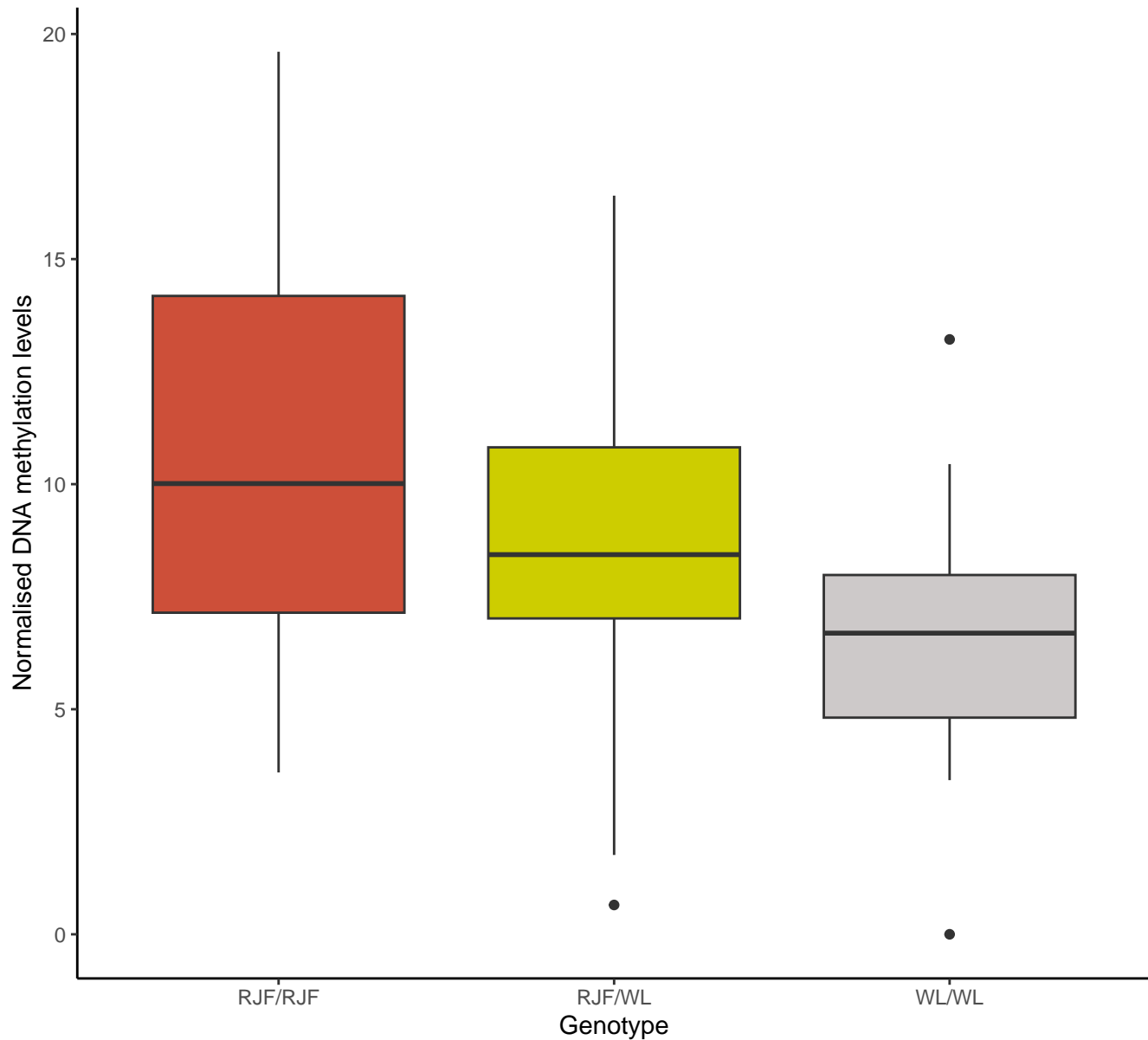
CI: chr6:86.33–112.27cM



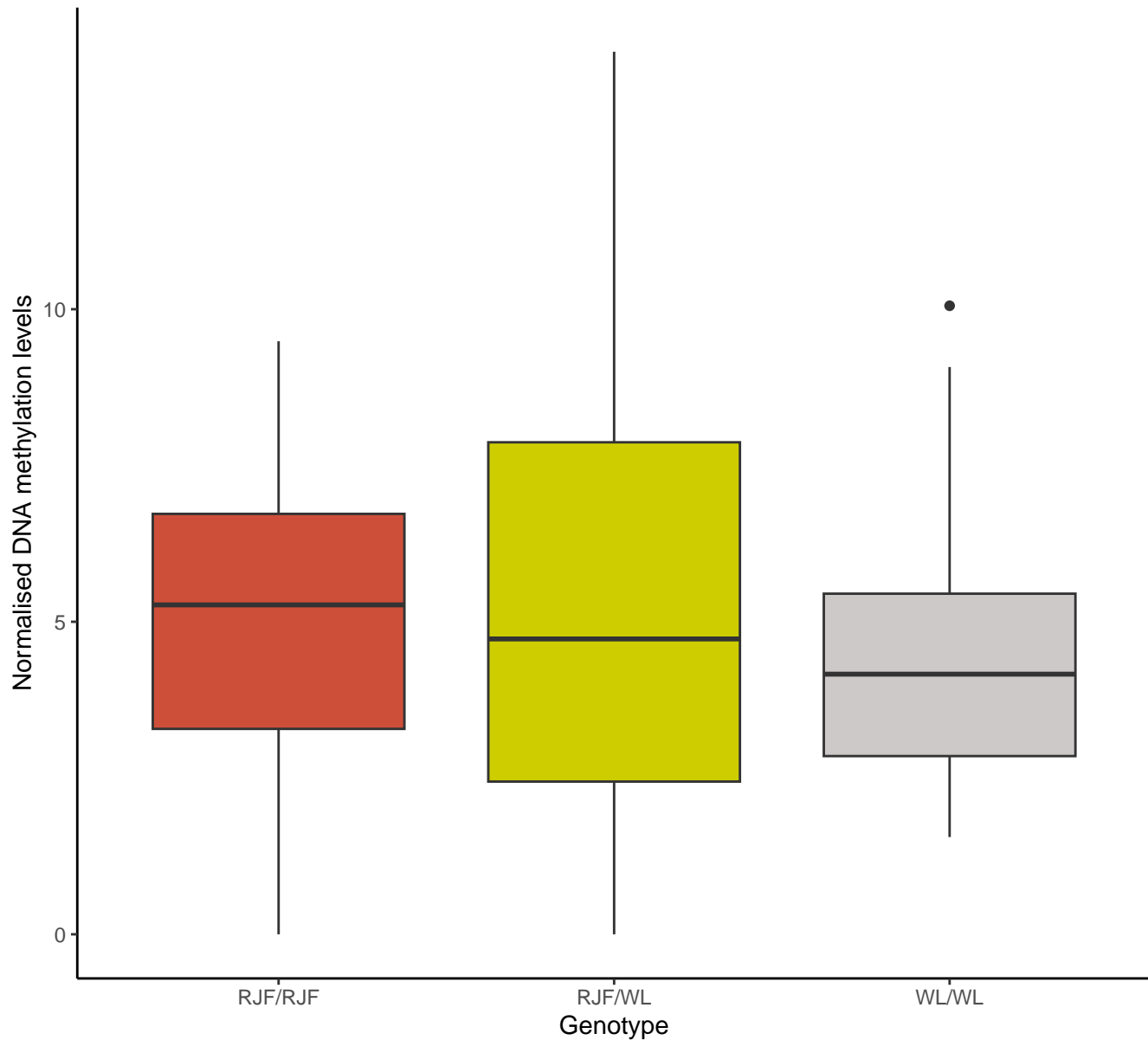
trans mQTL | chr1@1410.84cM | LOD: 6.72
Methbin: chrZ_40794000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



trans mQTL | chr17@58.07cM | LOD: 6.7
Methbin: chrZ_40901000 | marker:Gg_rs13744918
CI: chr17:15.5–81.37cM



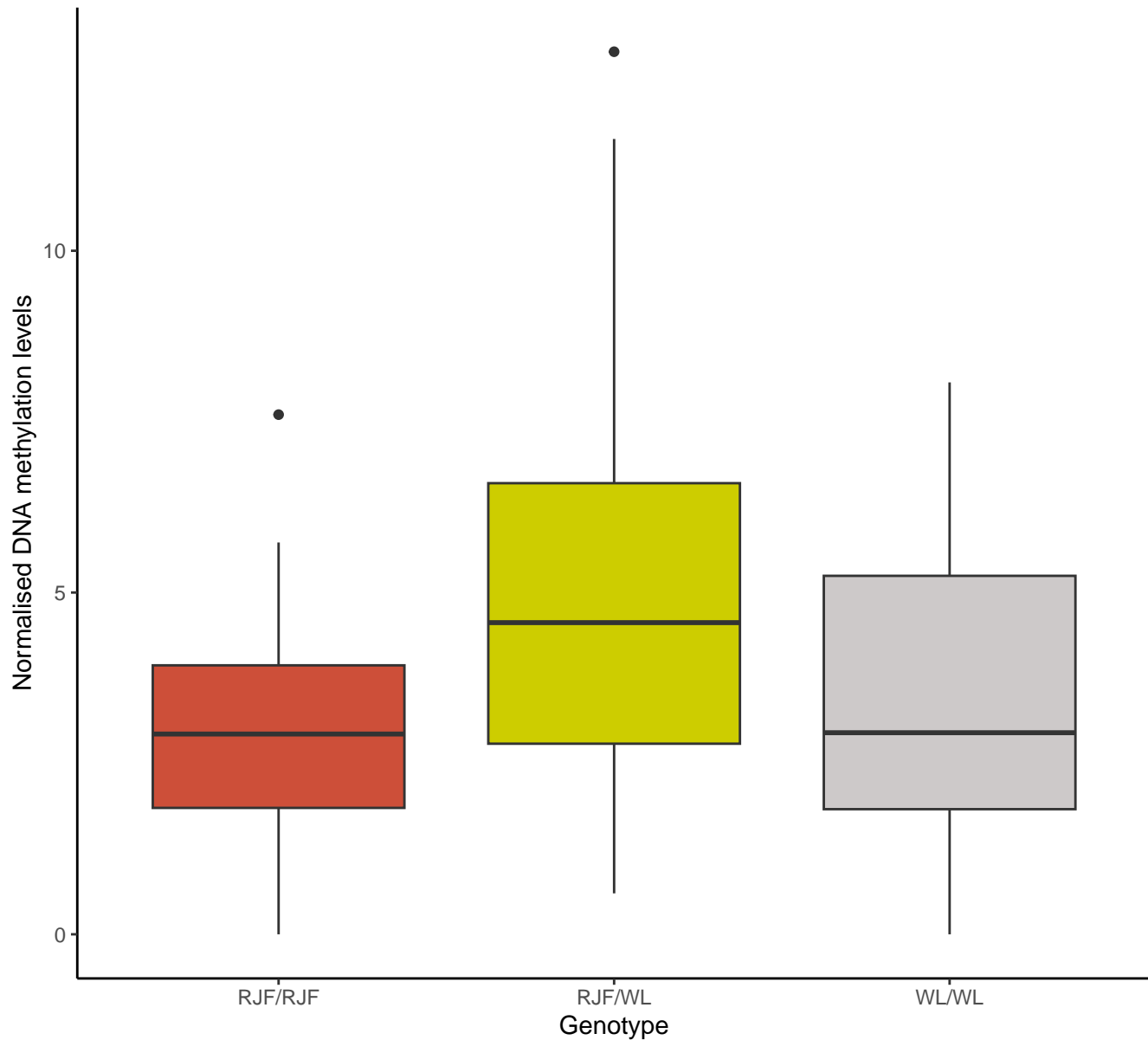
trans mQTL | chr5@318.36cM | LOD: 6.33
Methbin: chrZ_41179000 | marker:Gg_rs15718481
CI: chr5:310.49–357.54cM



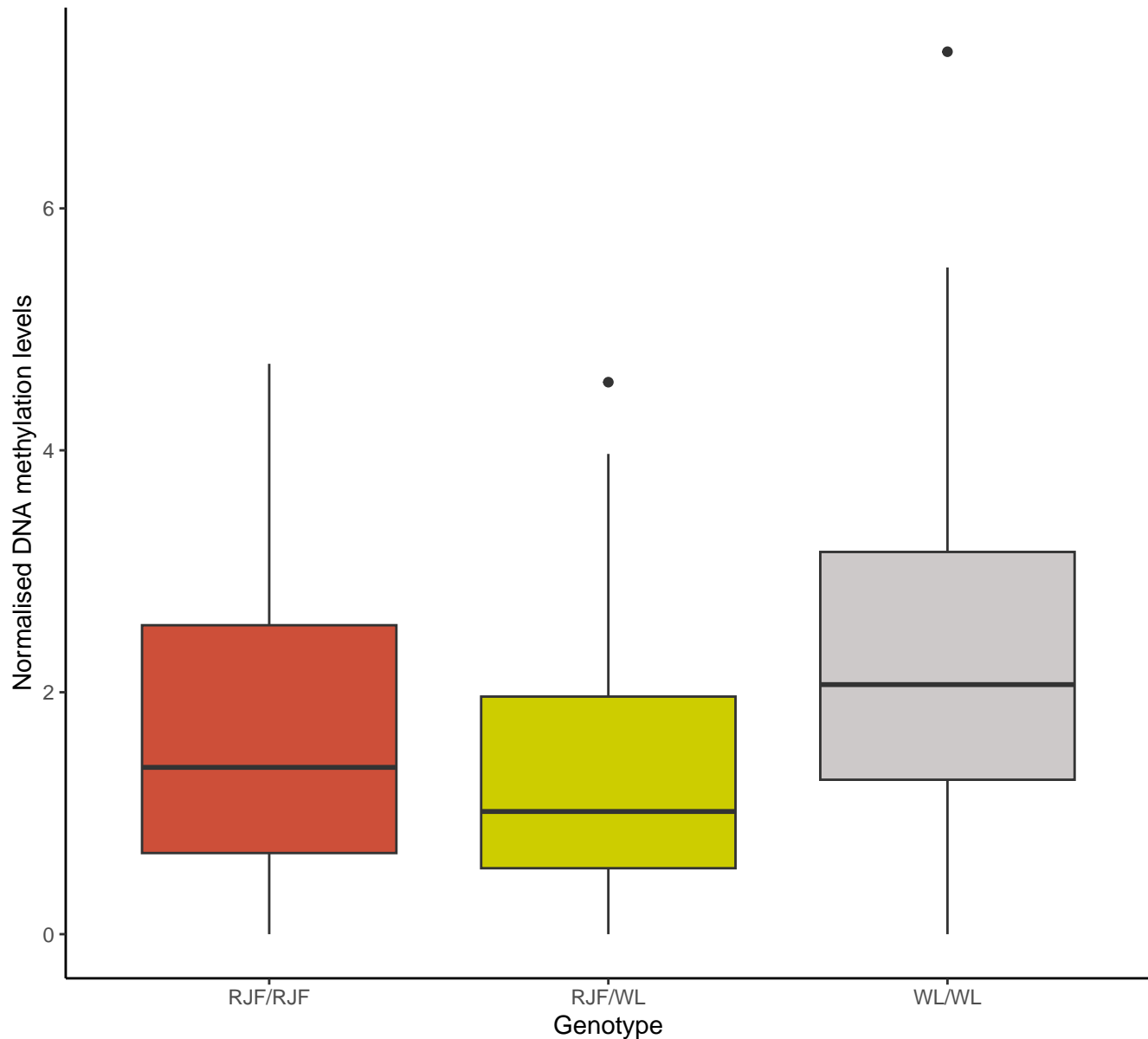
trans mQTL | chr7@10.48cM | LOD: 5.92

Methbin: chrZ_41321000 | marker:Gg_rs15828492

CI: chr7:0–58.22cM



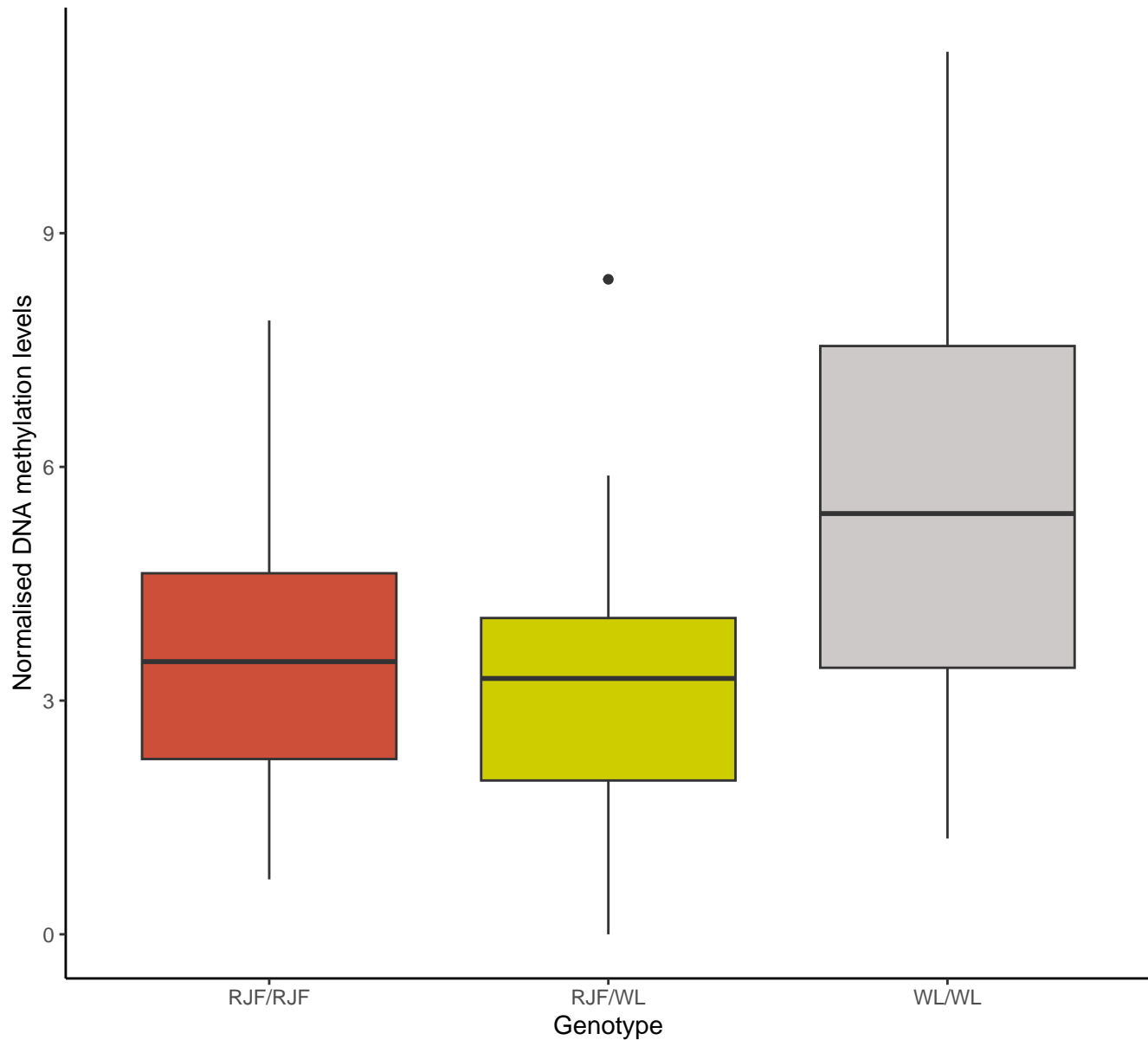
trans mQTL | chr28@54cM | LOD: 7.63
Methbin: chrZ_41898000 | marker:Gg_rs14306112
CI: chr28:26.97–107.33cM



trans mQTL | chr1 @2094.51cM | LOD: 7.28

Methbin: chrZ_41927000 | marker:X1_185988681

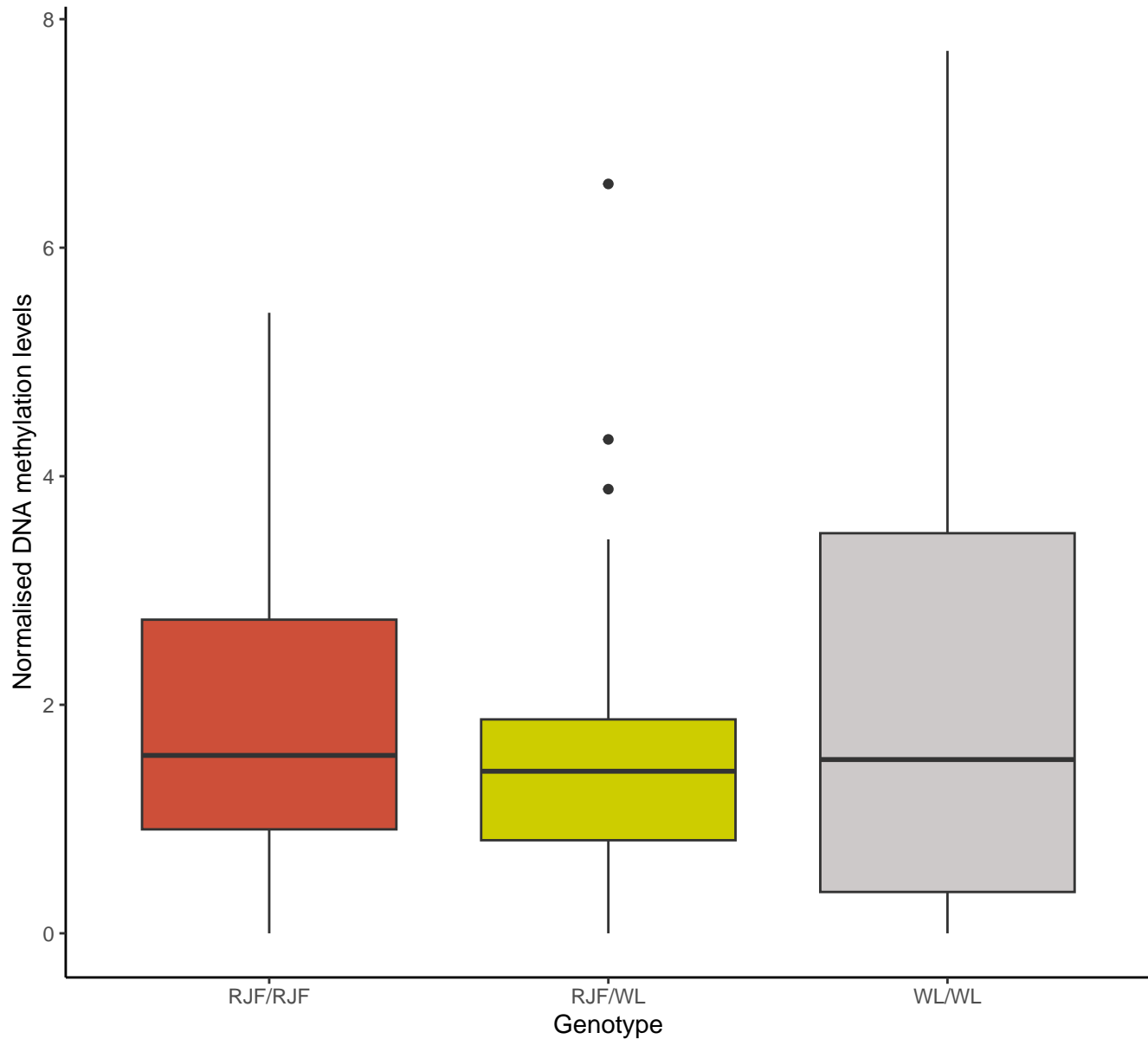
CI: chr1:2065.57–2210.81cM



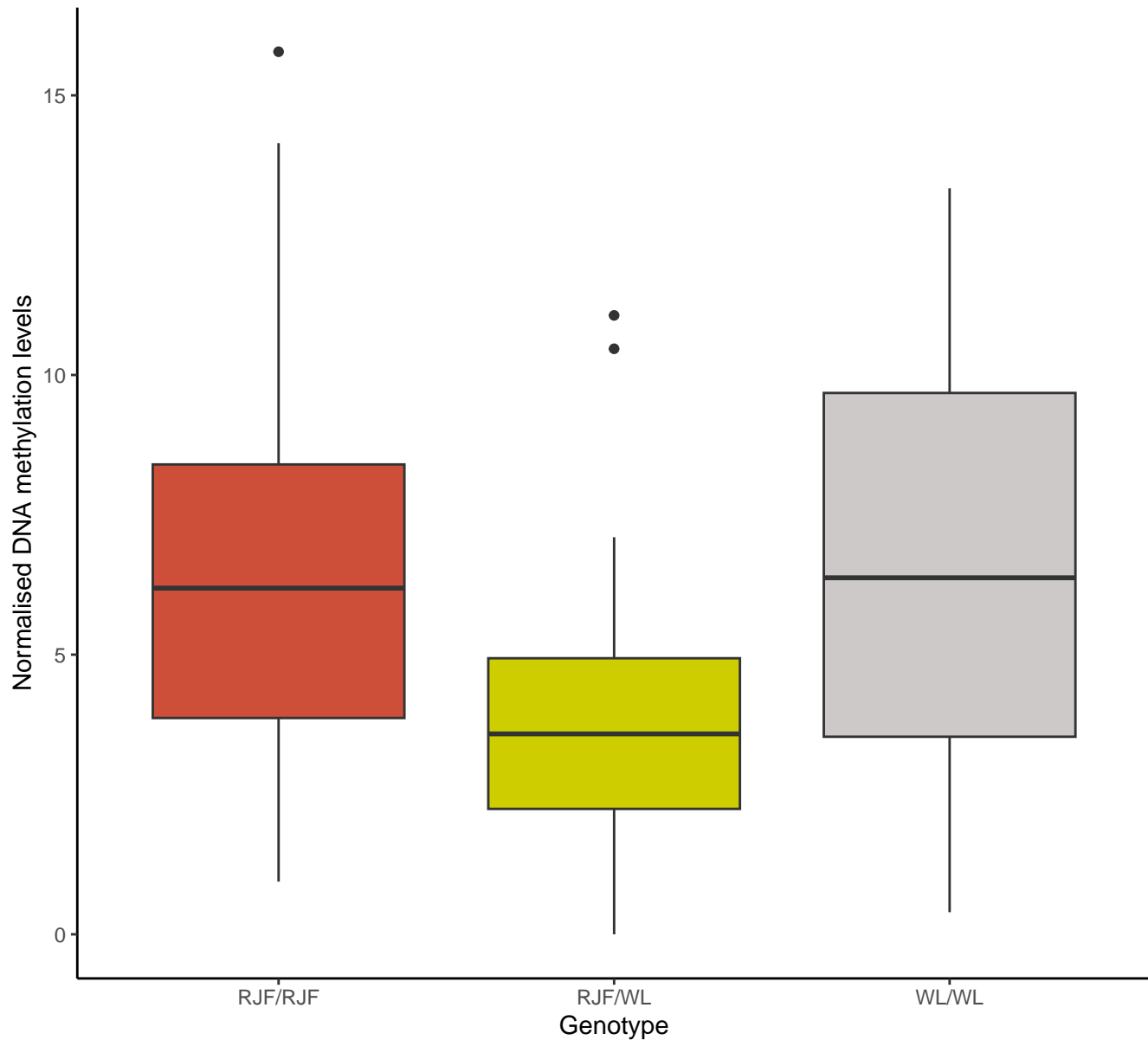
trans mQTL | chr4@0cM | LOD: 6.32

Methbin: chrZ_42327000 | marker:X4_1267185

CI: chr4:0–10.25cM



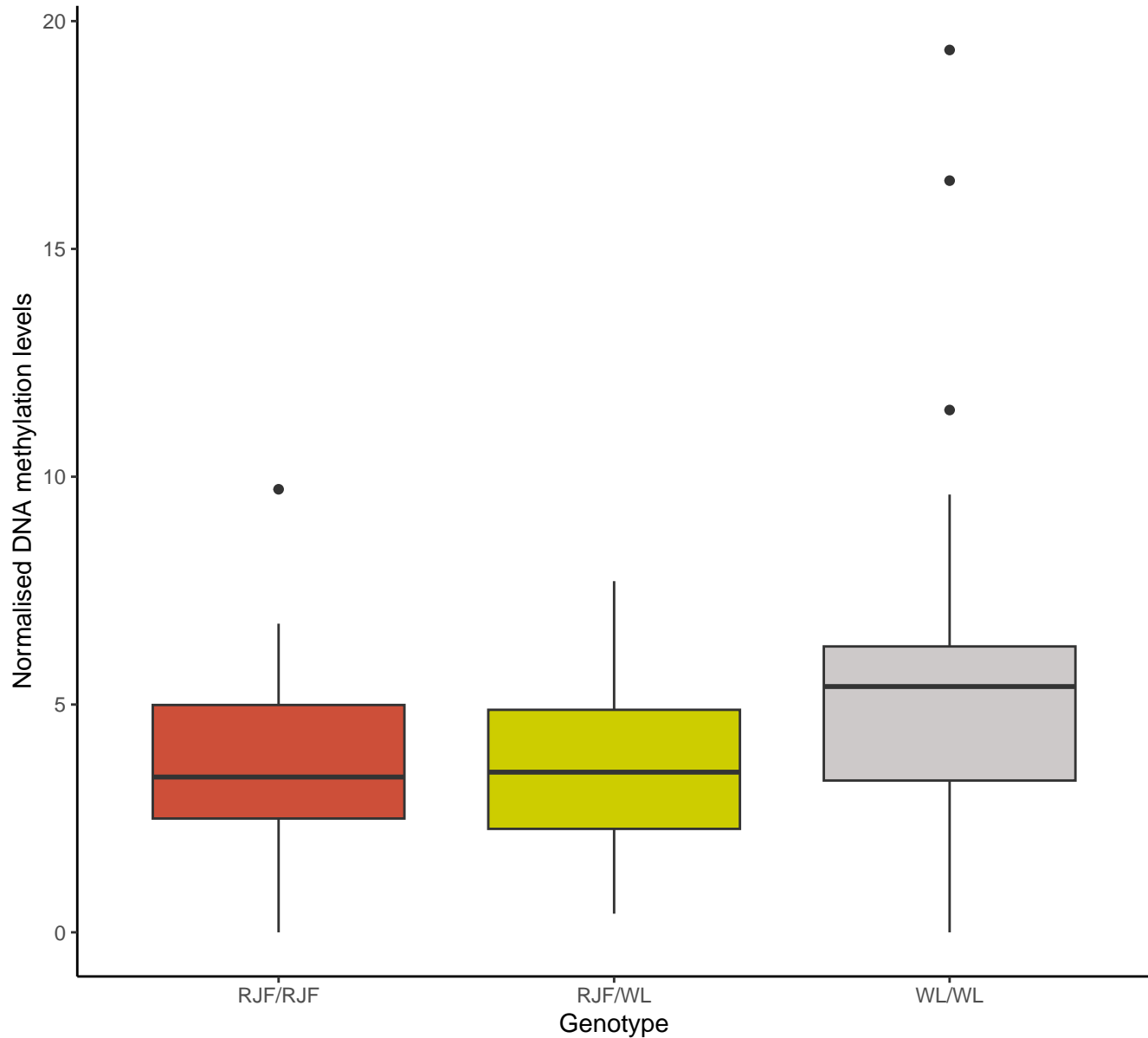
trans mQTL | chr1@281.94cM | LOD: 7.59
Methbin: chrZ_42463000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



trans mQTL | chr6@105.16cM | LOD: 8.76

Methbin: chrZ_42484000 | marker:Gg_rs14568888

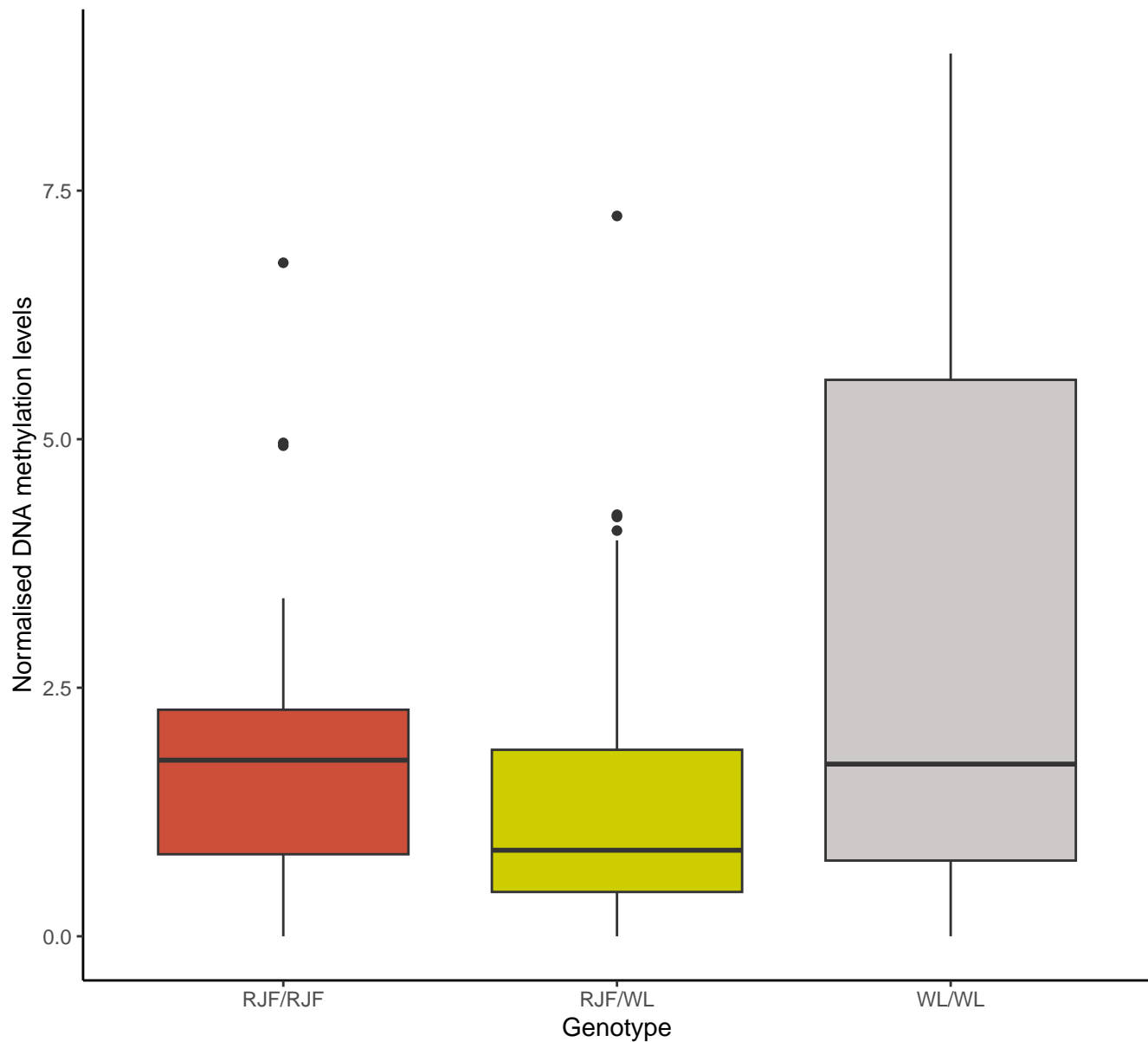
CI: chr6:86.33–112.27cM



trans mQTL | chr6@105.16cM | LOD: 6.09

Methbin: chrZ_42867000 | marker:Gg_rs14568888

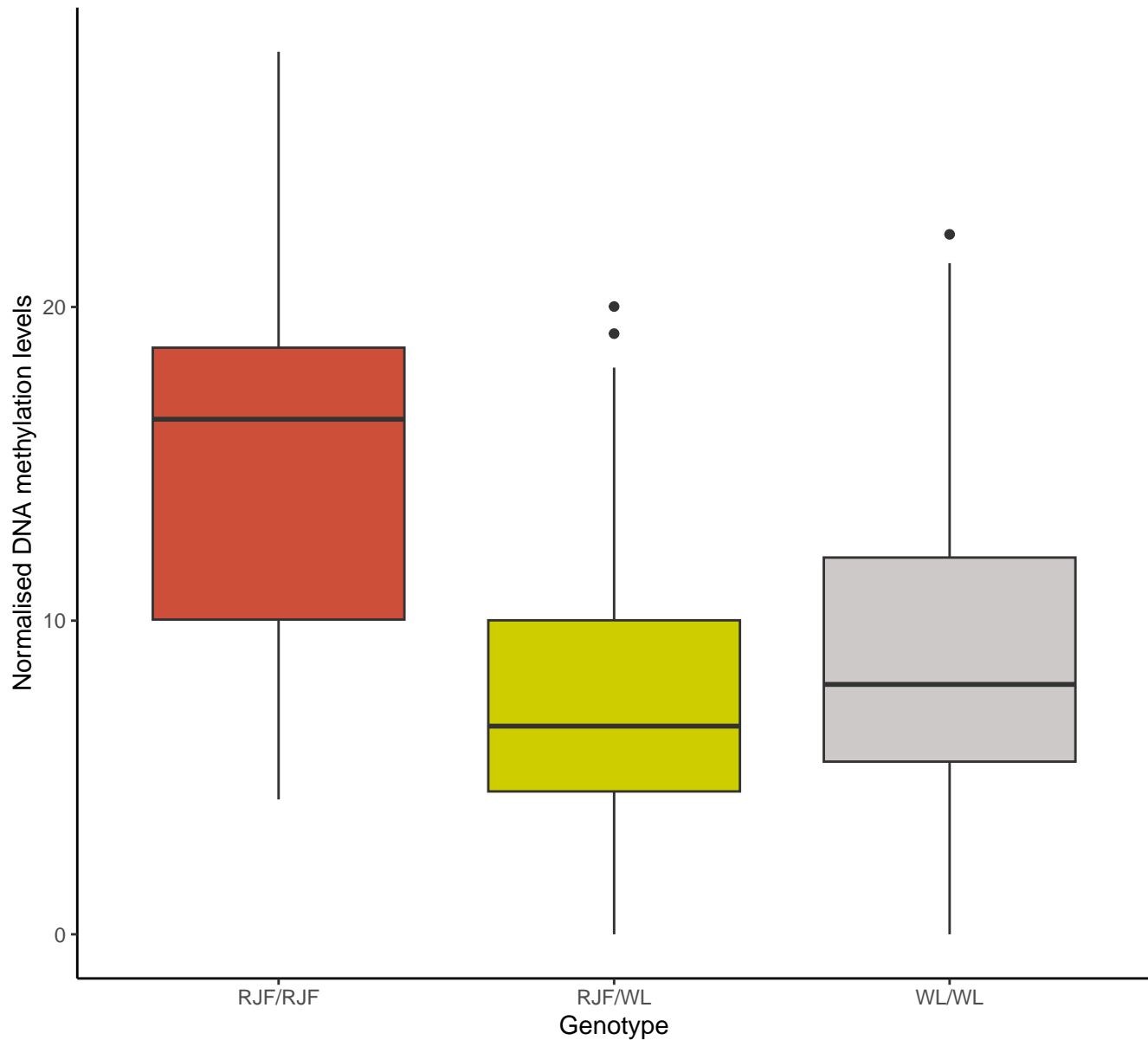
CI: chr6:86.33–126.7cM



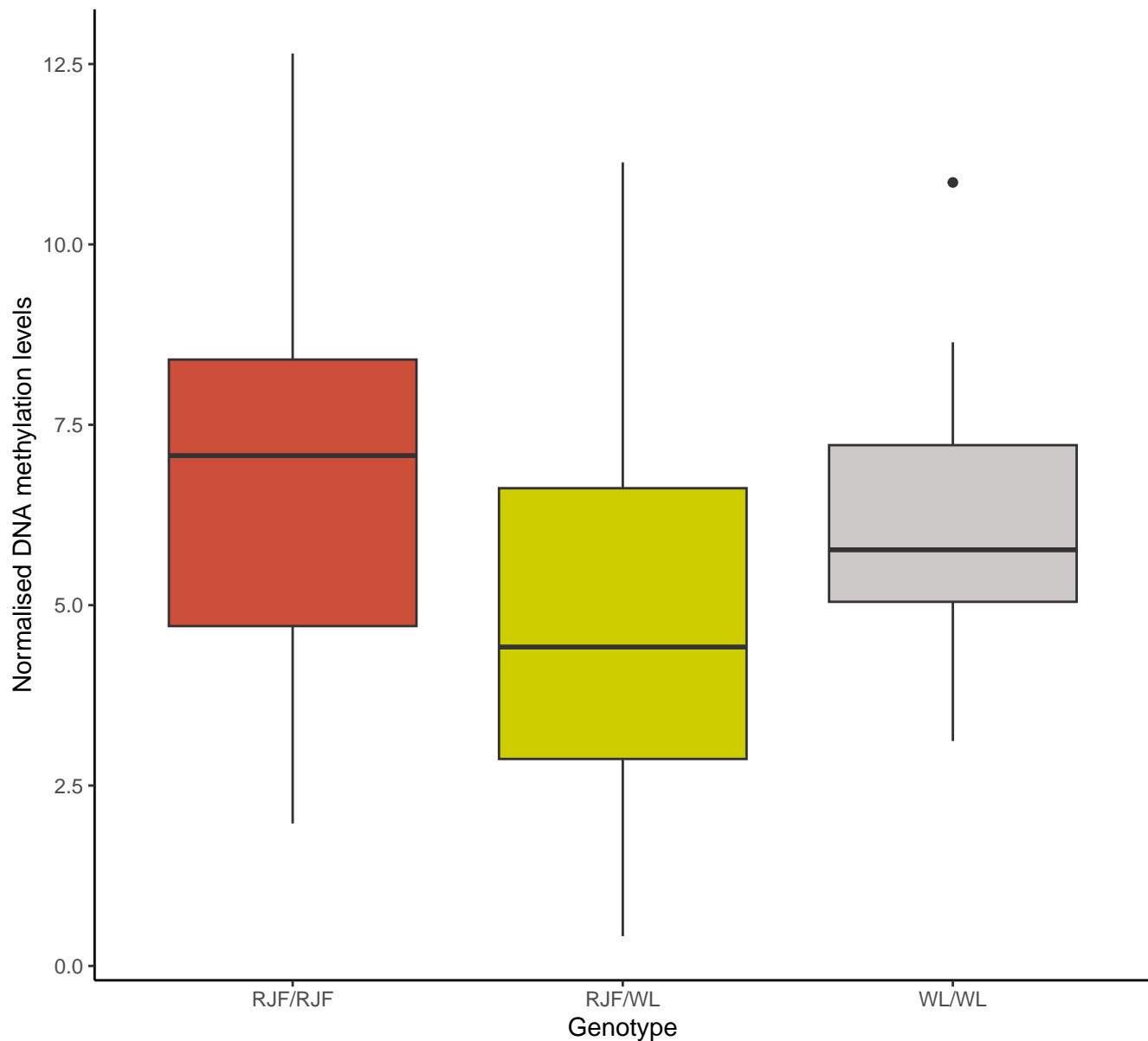
trans mQTL | chr5@182.4cM | LOD: 6.37

Methbin: chrZ_42923000 | marker:Gg_rs15679503

CI: chr5:131.24–200.39cM



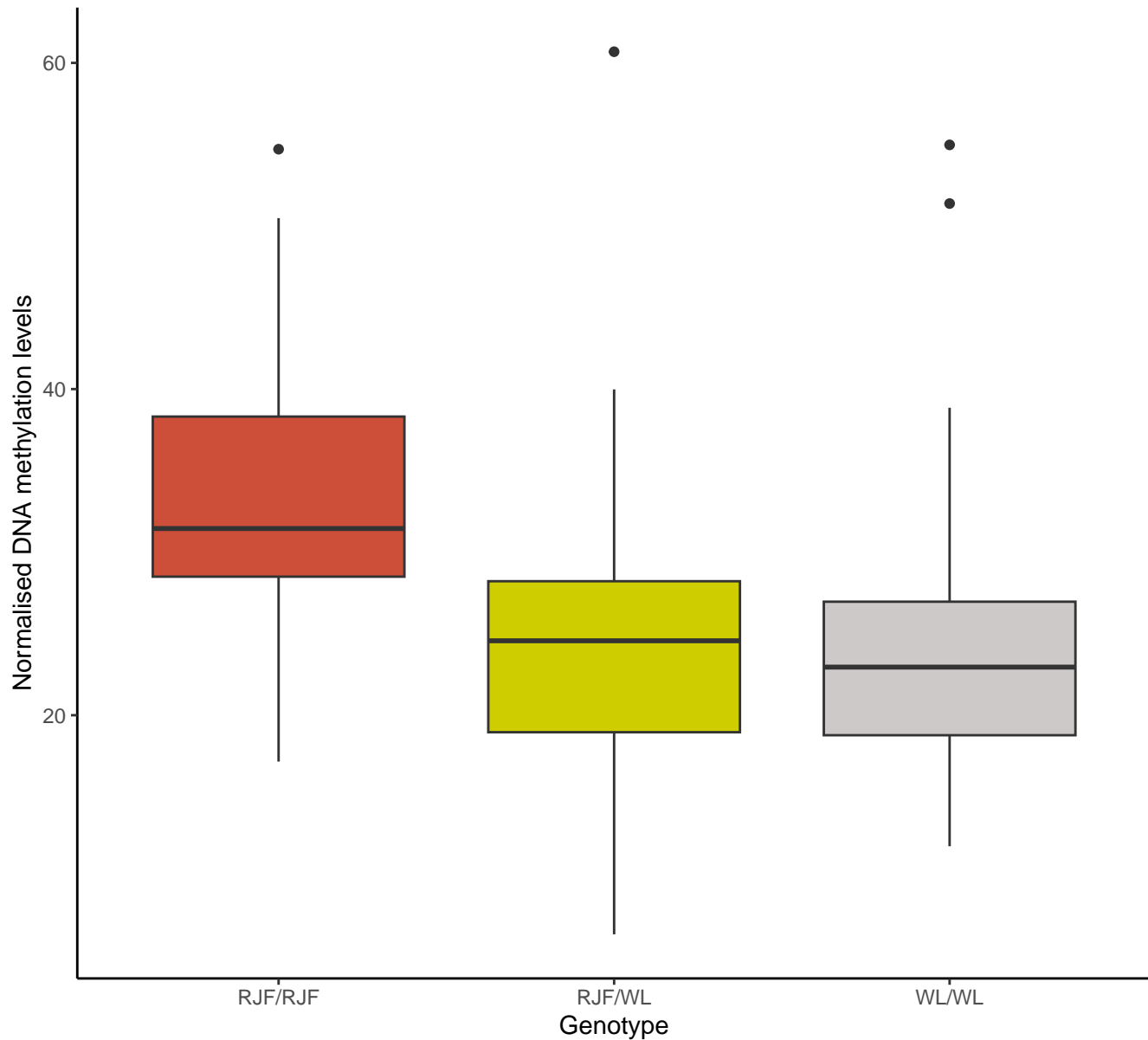
trans mQTL | chr3@578.5cM | LOD: 6.1
Methbin: chrZ_43050000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



trans mQTL | chr26@11.02cM | LOD: 5.98

Methbin: chrZ_43264000 | marker:Gg_rs15466096

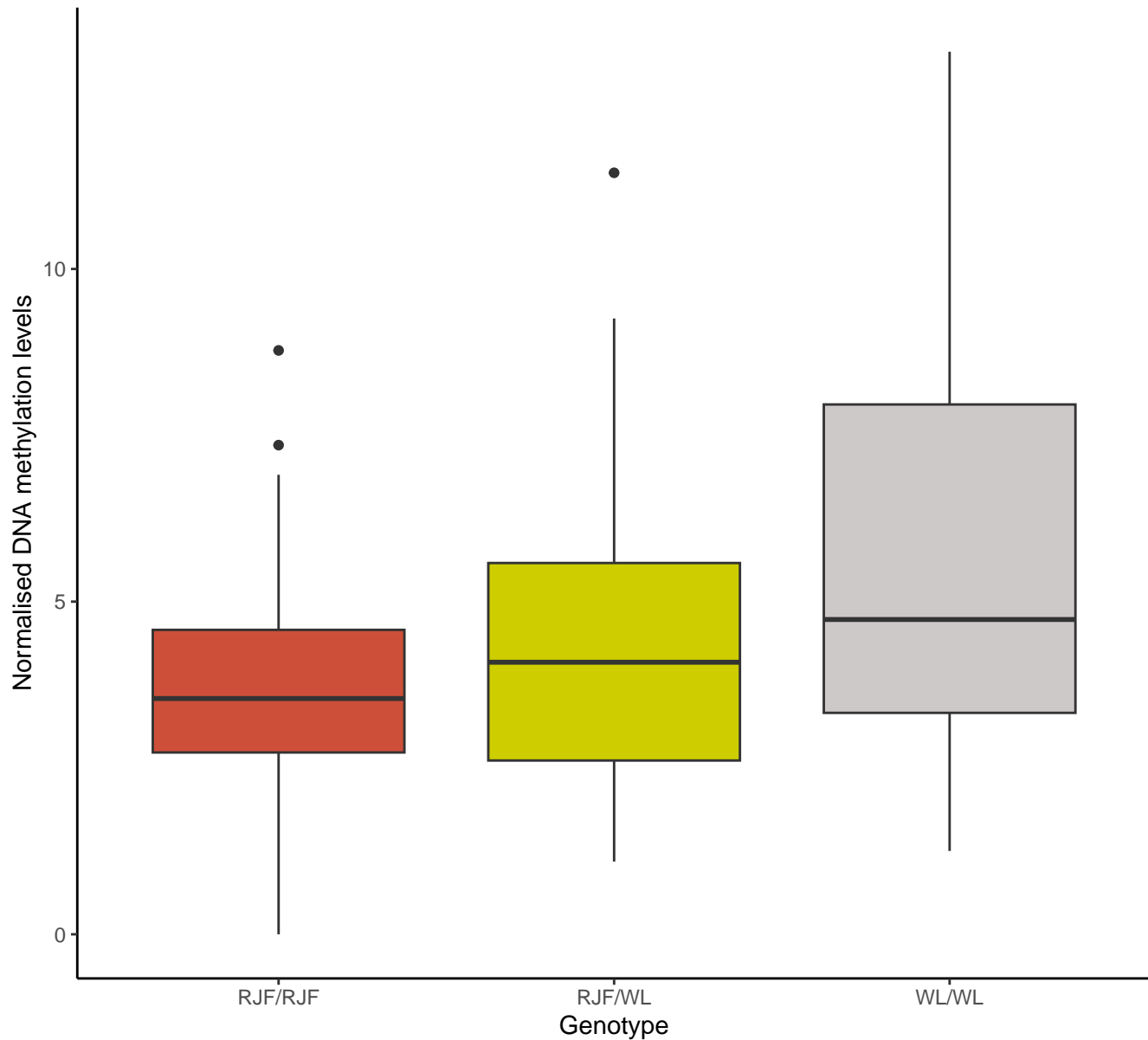
CI: chr26:4.21–16.83cM



trans mQTL | chr8@104.94cM | LOD: 6.35

Methbin: chrZ_43404000 | marker:Gg_rs14647568

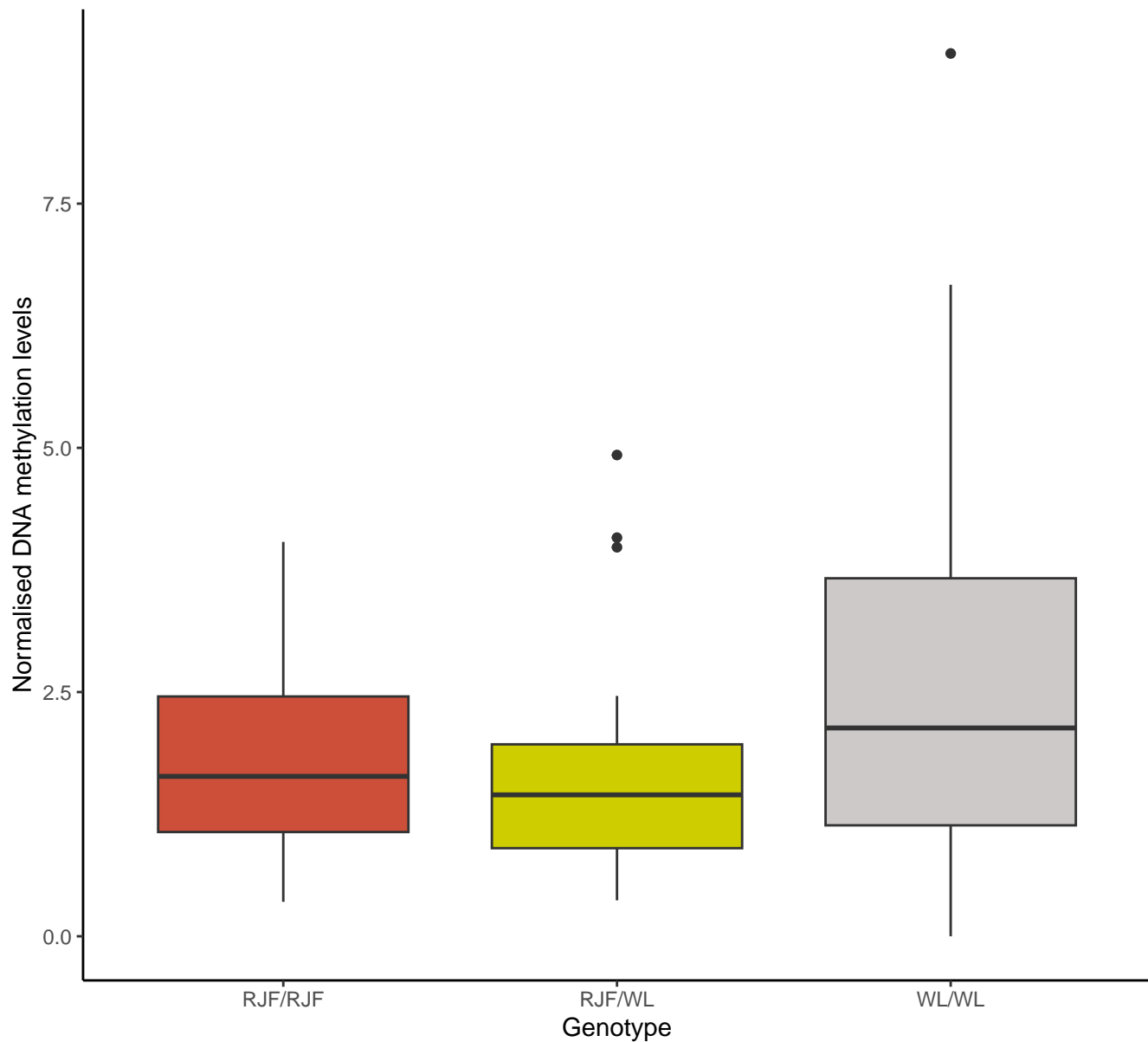
CI: chr8:91.83–138.8cM



trans mQTL | chr6@105.16cM | LOD: 6.6

Methbin: chrZ_43433000 | marker:Gg_rs14568888

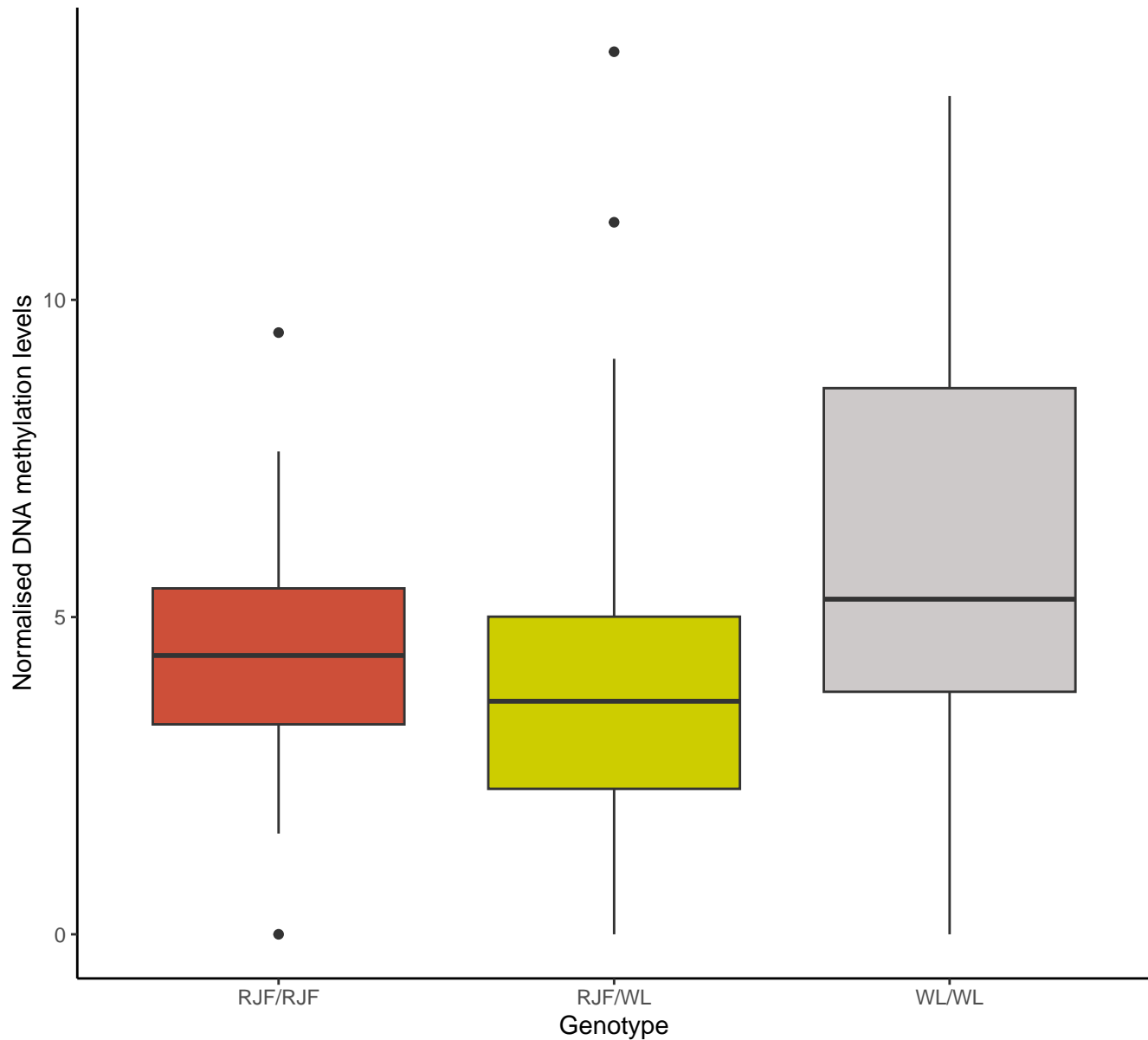
CI: chr6:86.33–112.27cM



trans mQTL | chr6@106cM | LOD: 5.95

Methbin: chrZ_43497000 | marker:Gg_rs14568888

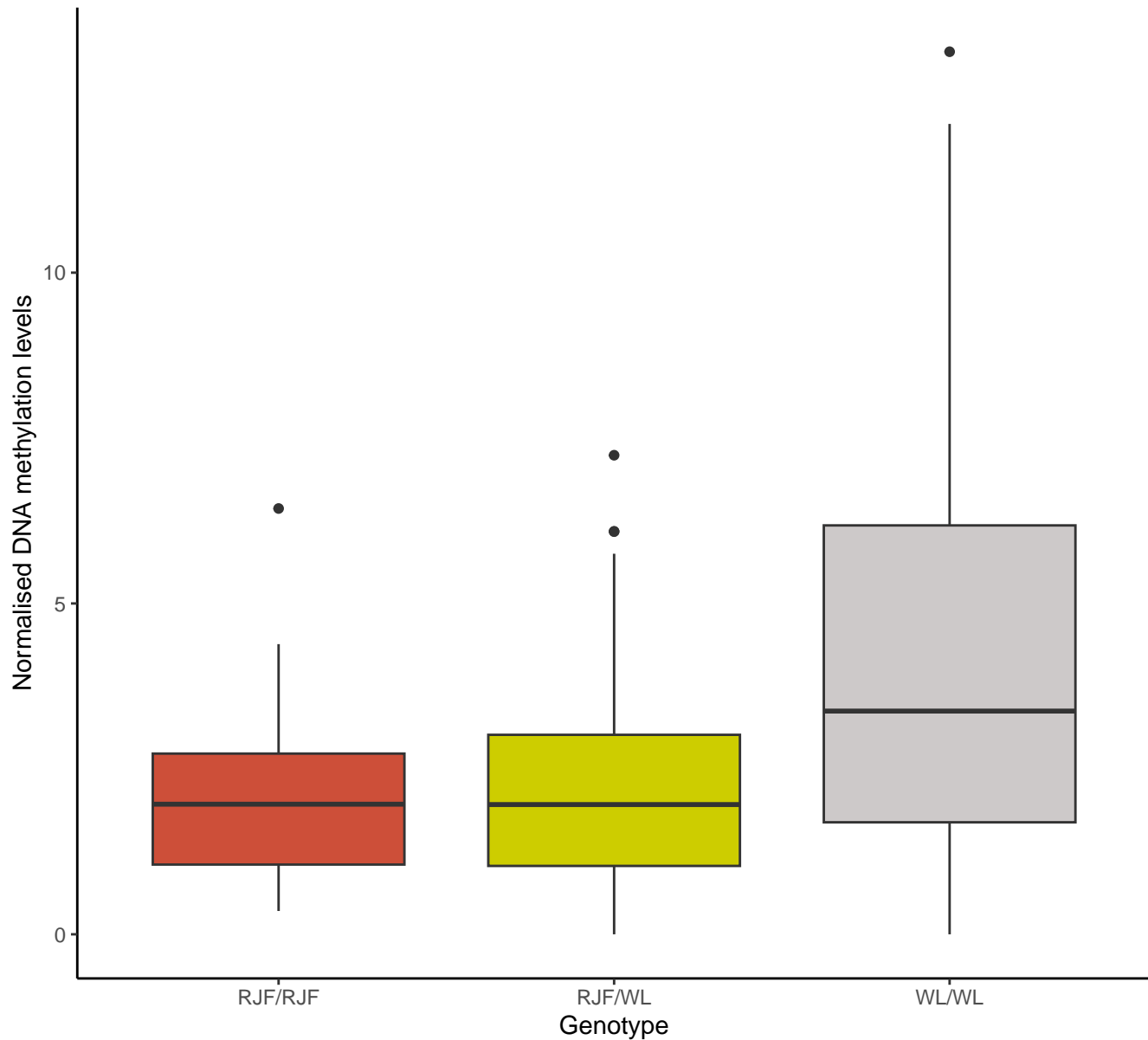
CI: chr6:86.33–126.7cM



trans mQTL | chr6@105.16cM | LOD: 6.46

Methbin: chrZ_43510000 | marker:Gg_rs14568888

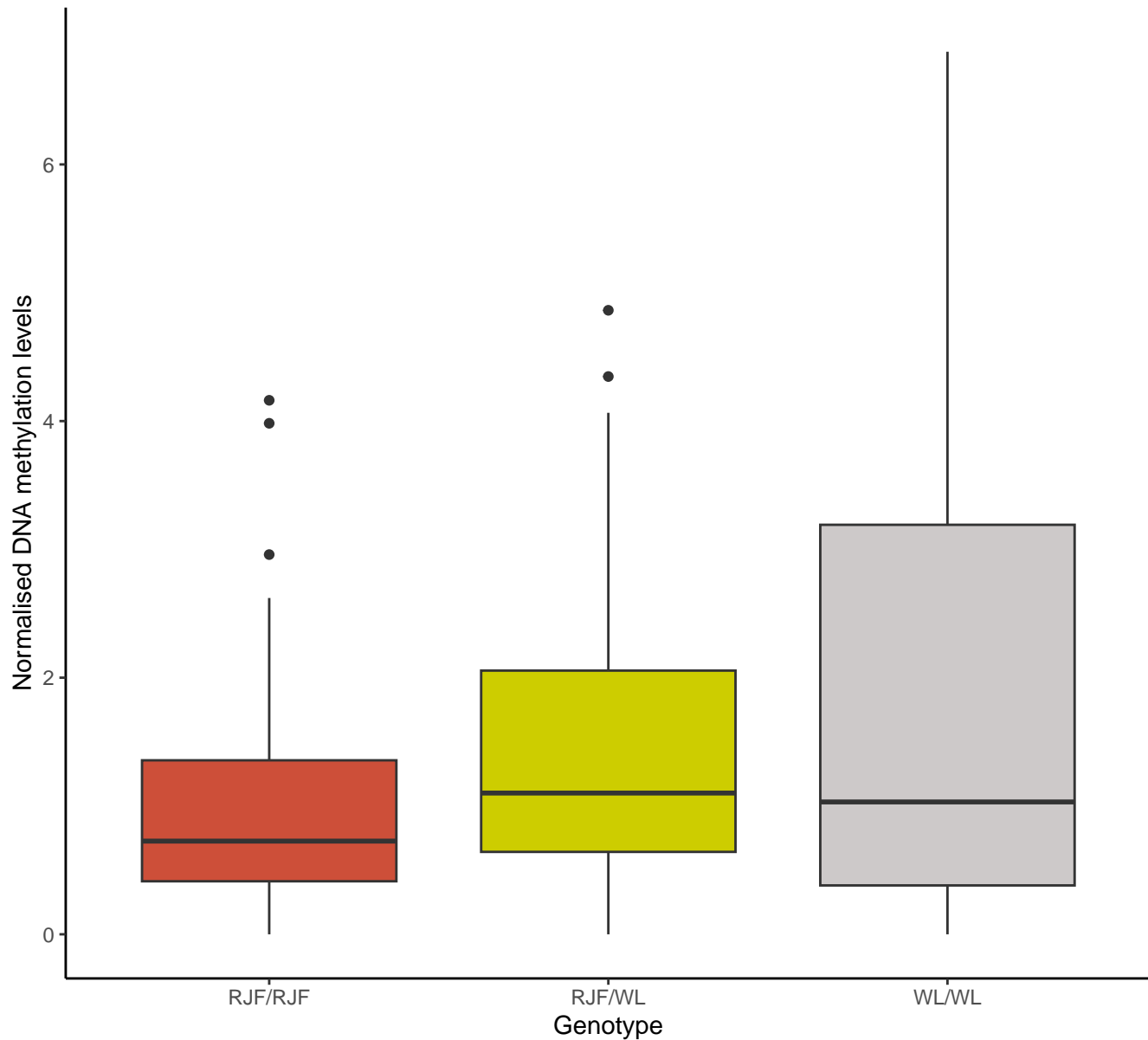
CI: chr6:86.33–112.27cM



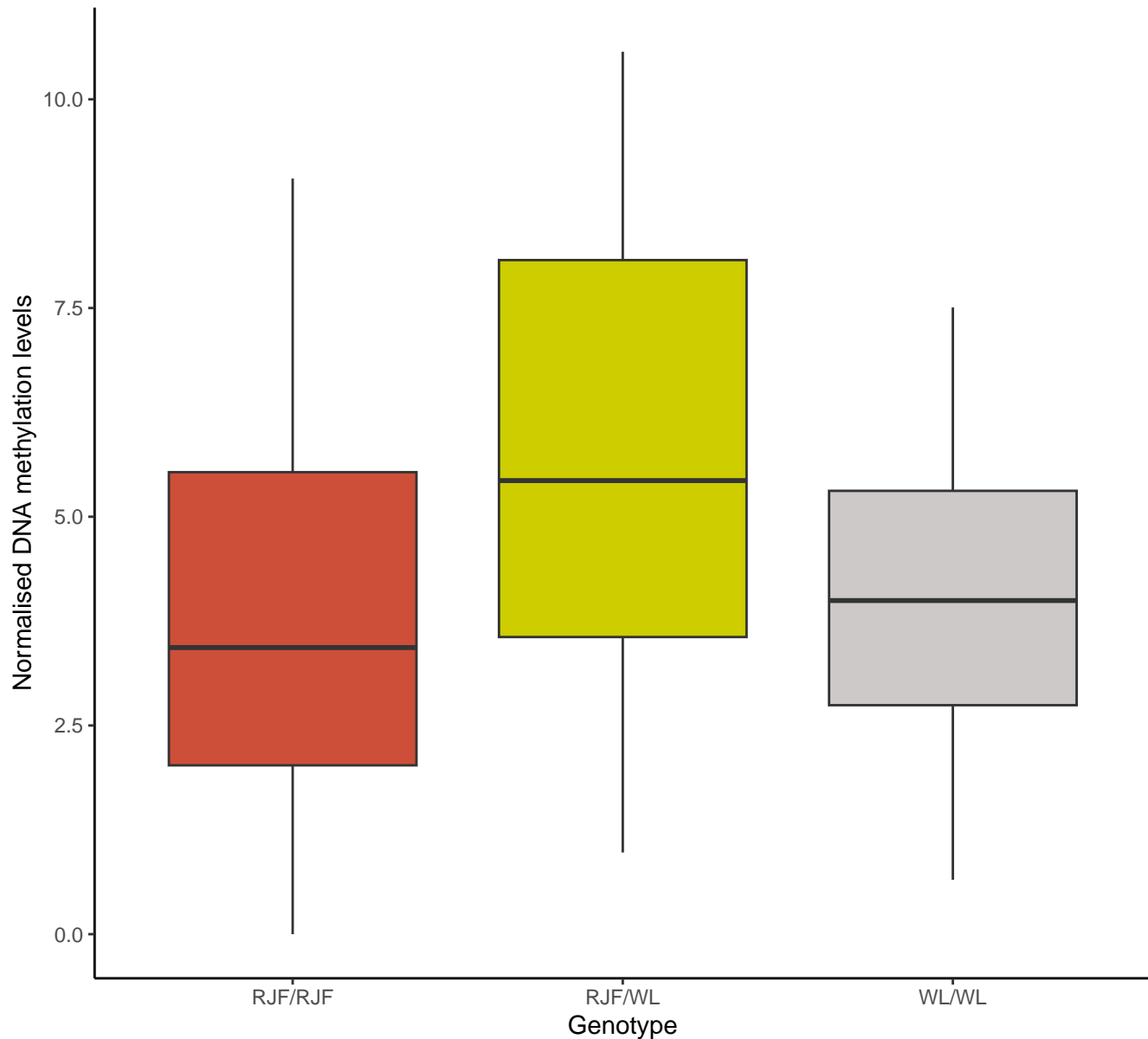
trans mQTL | chr14@265.73cM | LOD: 6.38

Methbin: chrZ_43939000 | marker:rb1871

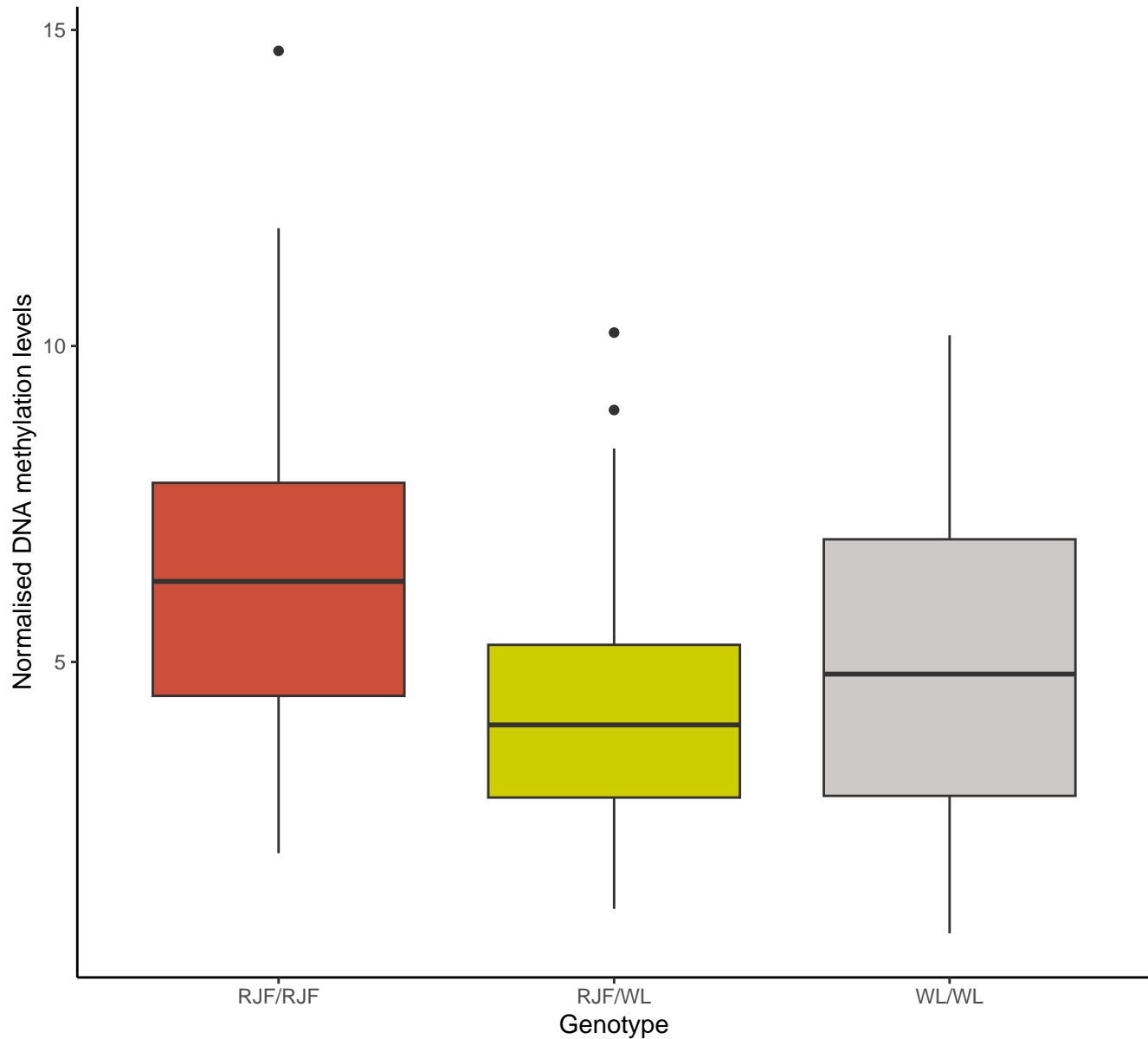
CI: chr14:241.01–265.73cM



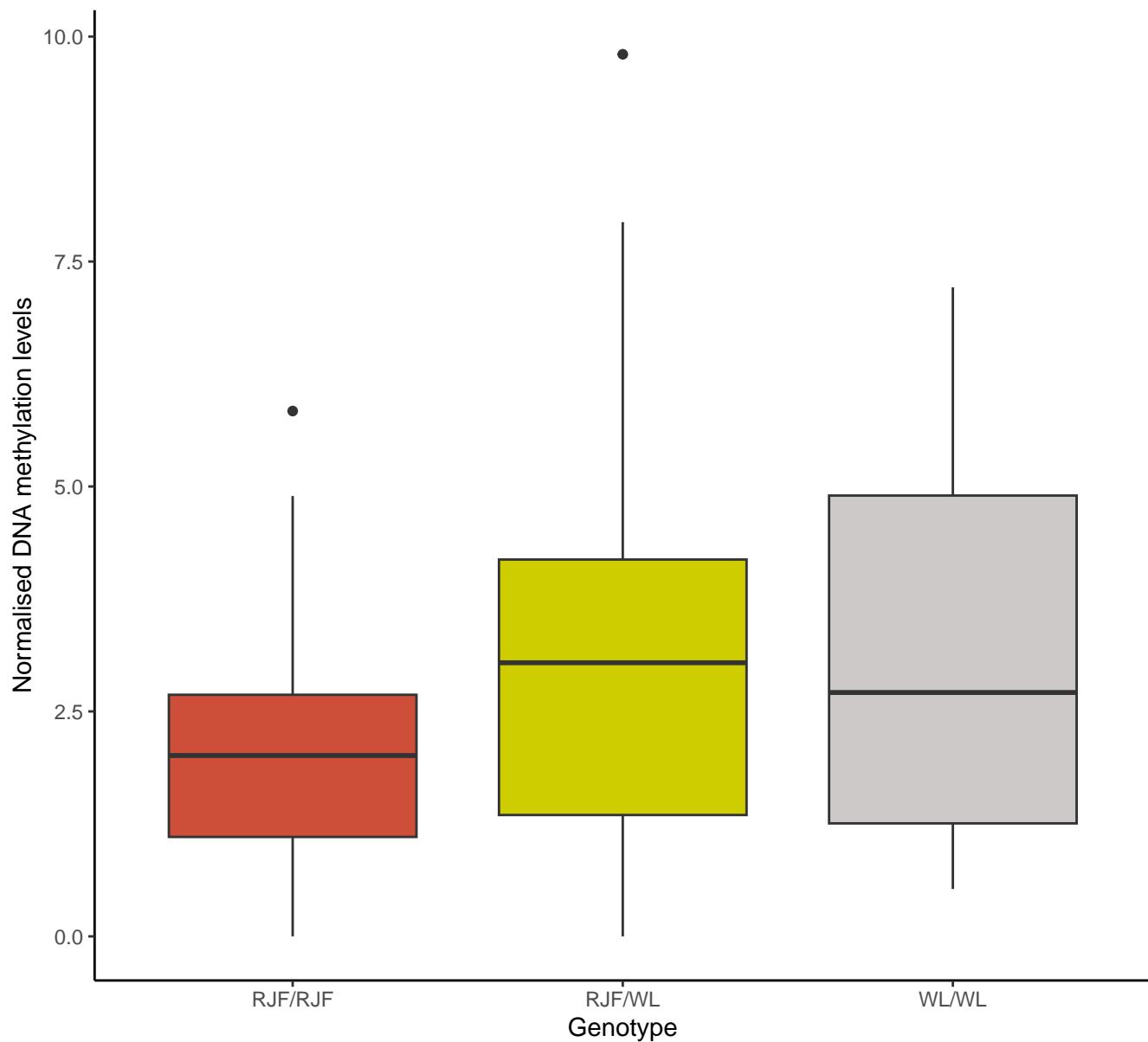
trans mQTL | chr2@179.78cM | LOD: 5.92
Methbin: chrZ_44050000 | marker:Gg_rs15067636
CI: chr2:162.05–590.98cM



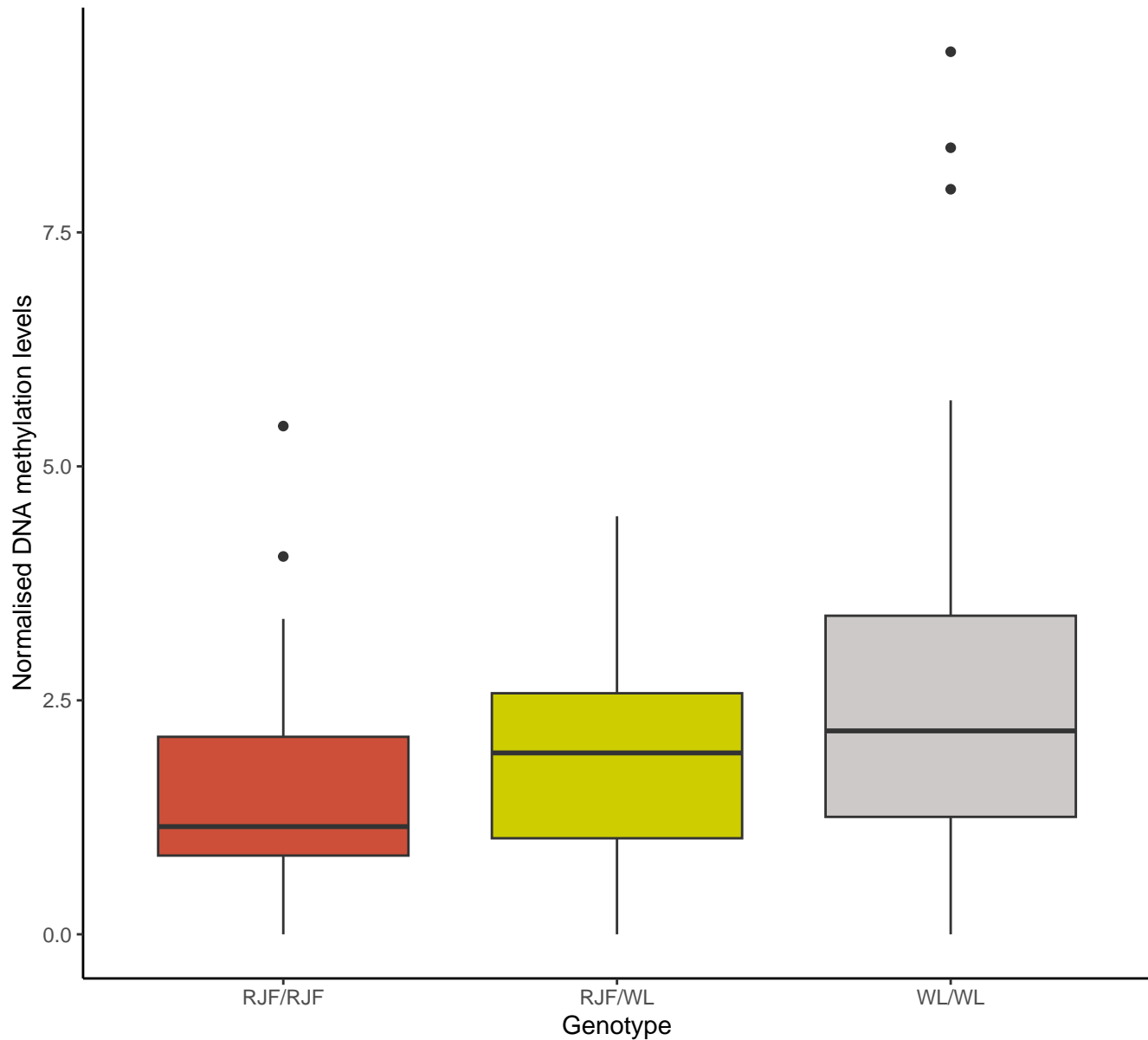
trans mQTL | chr3@578.5cM | LOD: 6.56
Methbin: chrZ_44123000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



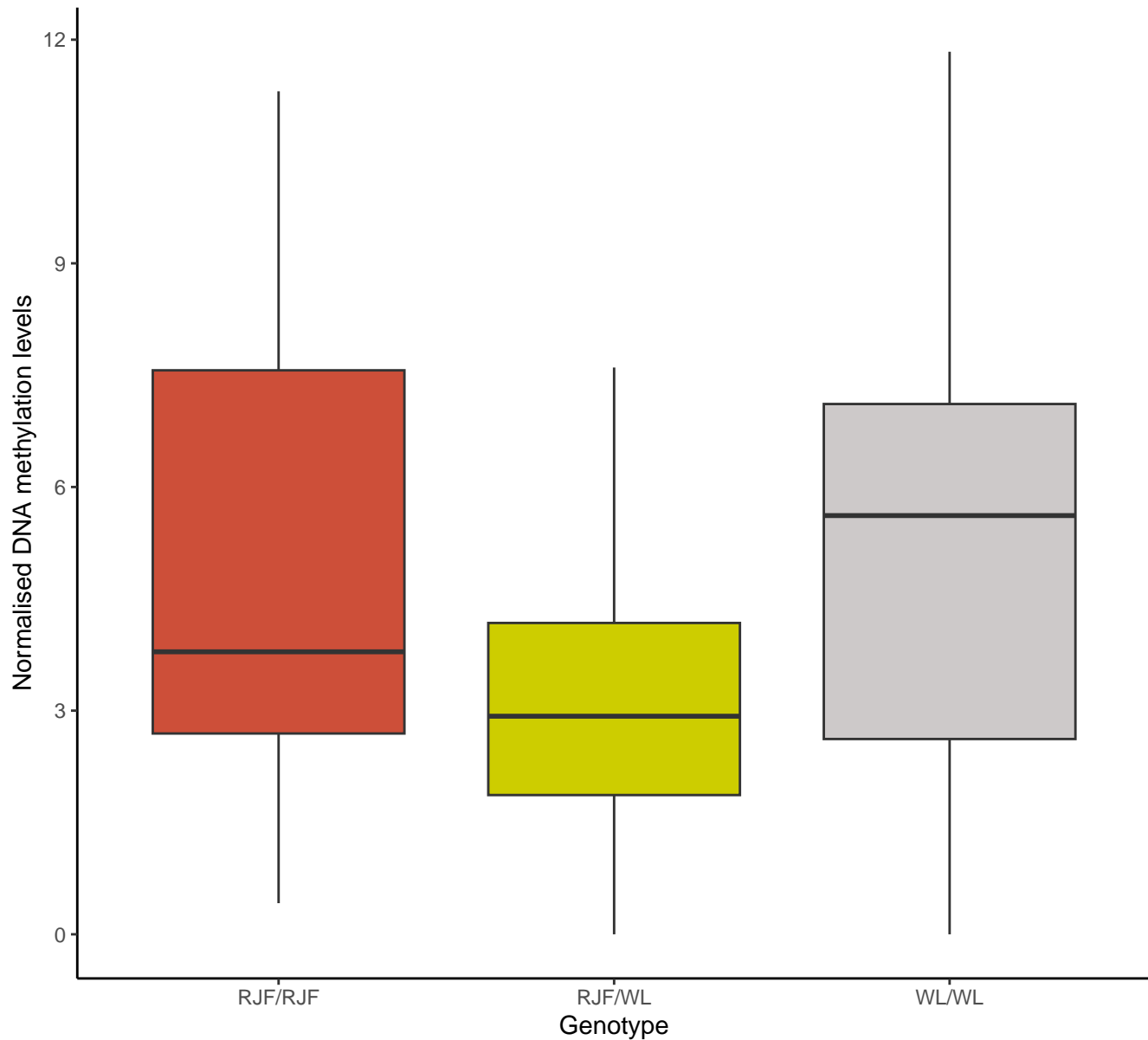
trans mQTL | chr14@265.73cM | LOD: 6.29
Methbin: chrZ_44321000 | marker:rbl1871
CI: chr14:241.01–265.73cM



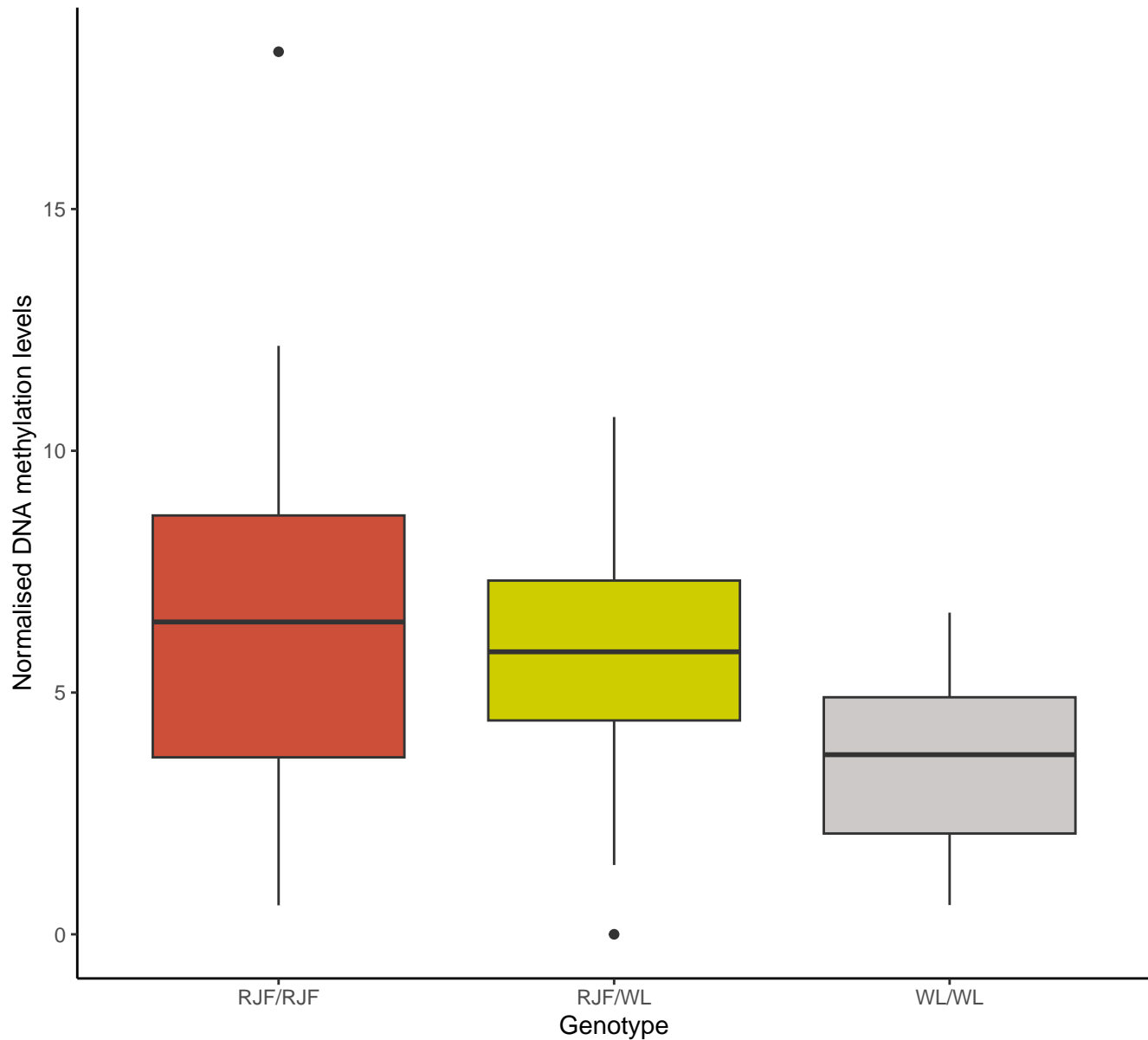
trans mQTL | chr28@52.38cM | LOD: 6.15
Methbin: chrZ_44430000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



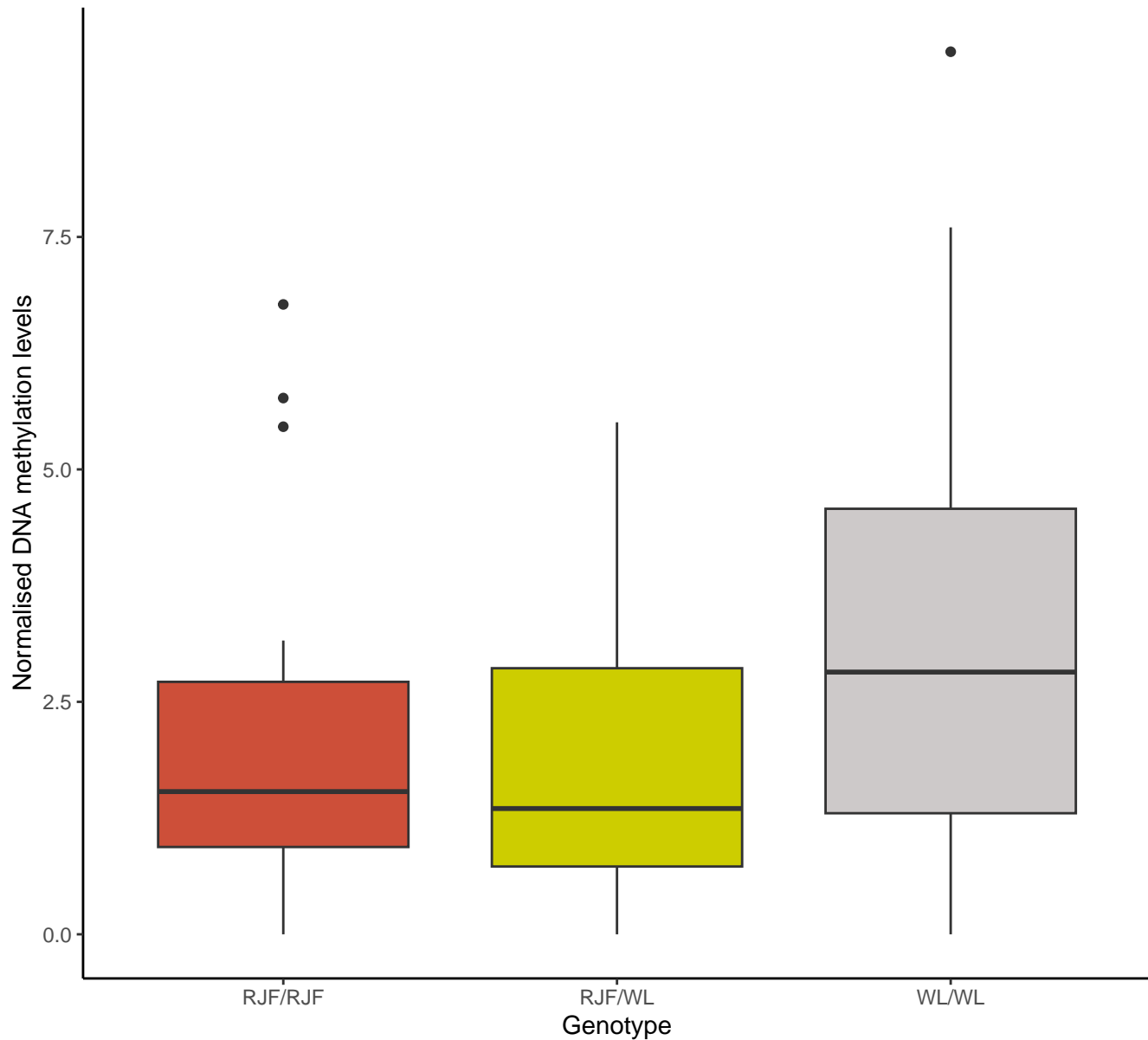
trans mQTL | chr26@120.25cM | LOD: 6.26
Methbin: chrZ_44489000 | marker:Gg_rs13606603
CI: chr26:90.95–140.9cM



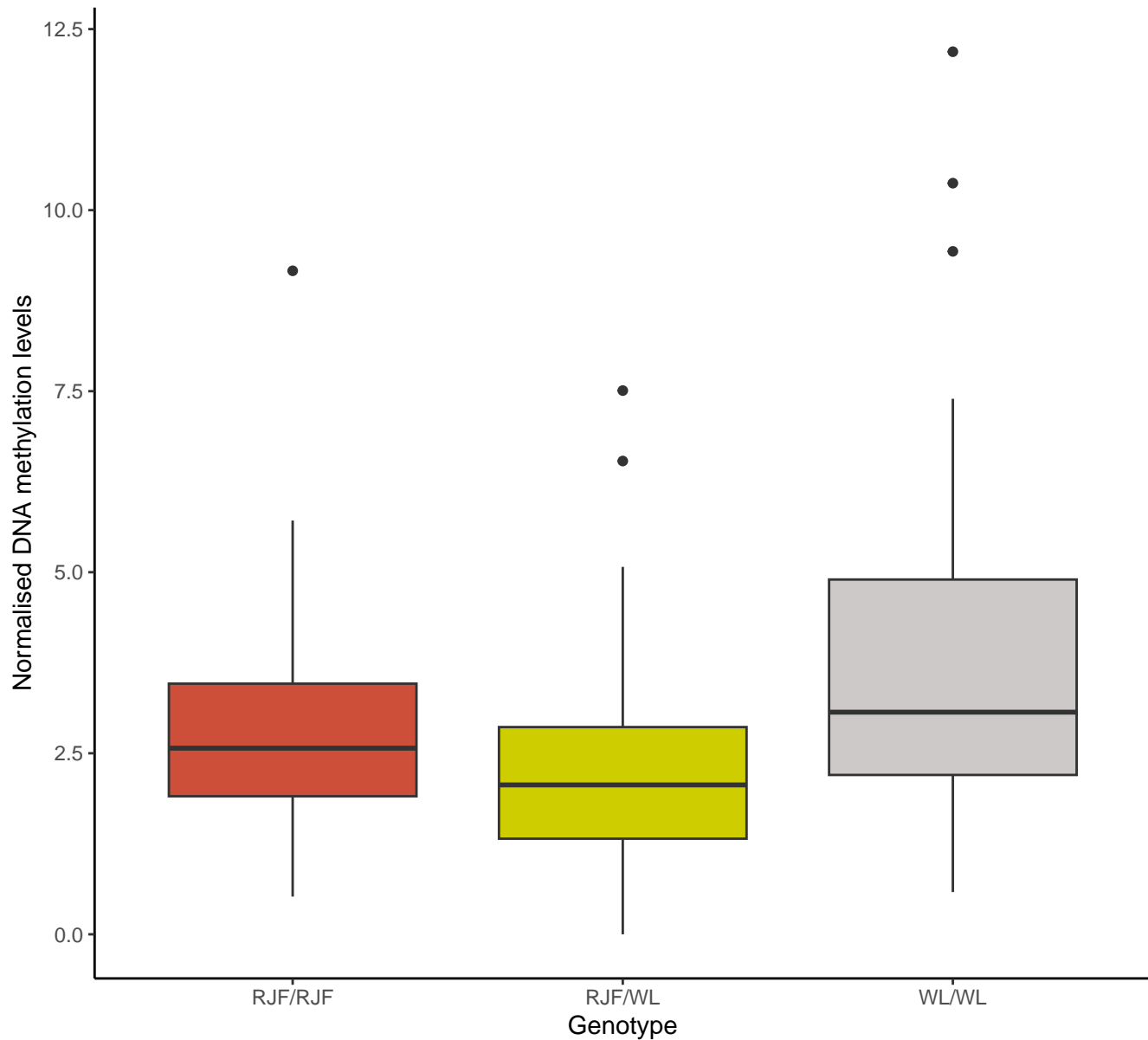
trans mQTL | chr9@120cM | LOD: 6.26
Methbin: chrZ_44656000 | marker:Gg_rs13608395
CI: chr9:105.32–145.29cM



trans mQTL | chr6@112.27cM | LOD: 6.21
Methbin: chrZ_44786000 | marker:Gg_rs15773041
CI: chr6:105.16–126.7cM



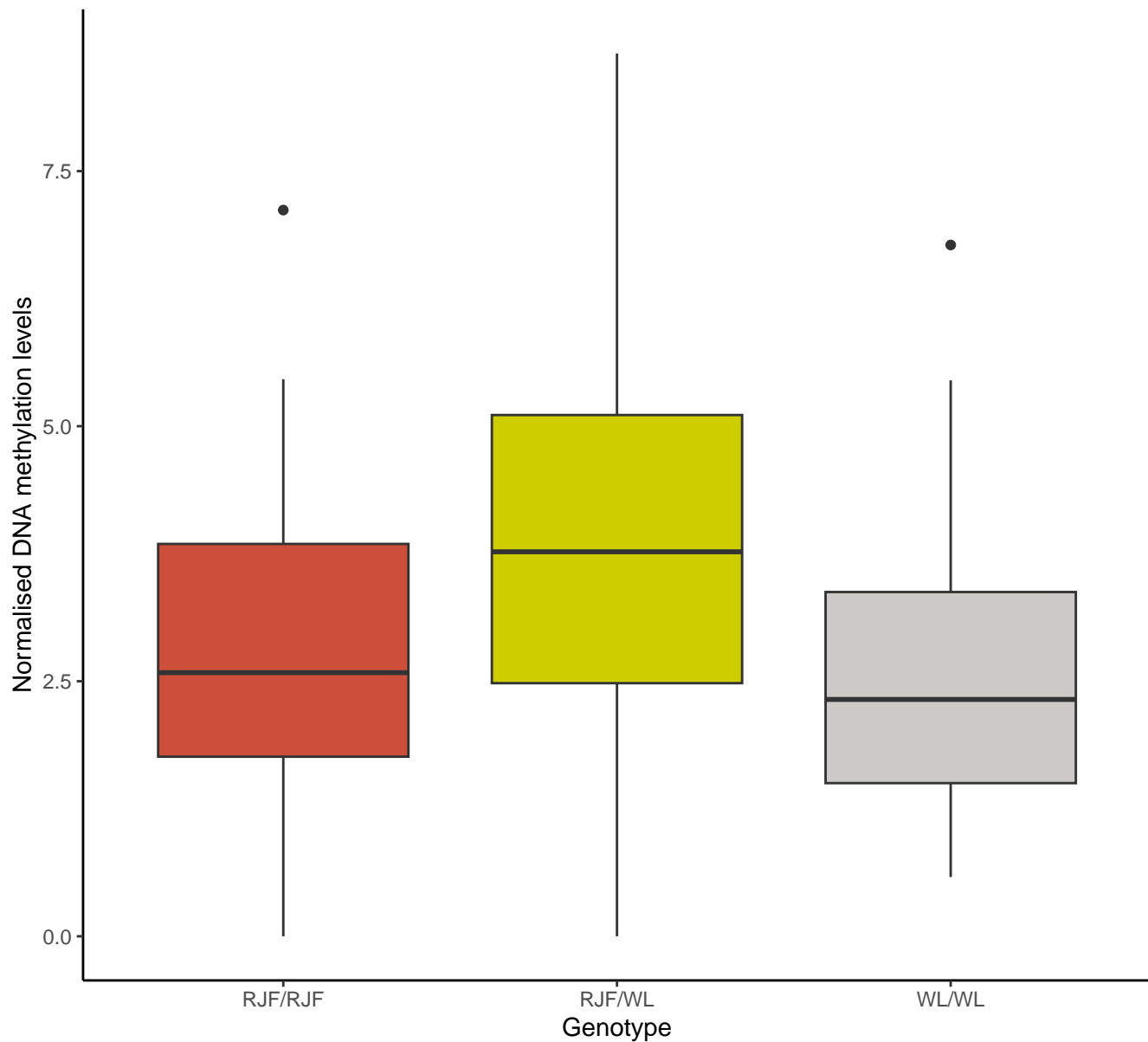
trans mQTL | chr24@0cM | LOD: 5.94
Methbin: chrZ_44839000 | marker:Gg_rs14292805
CI: chr24:0-60.71cM



trans mQTL | chr7@10.48cM | LOD: 6.33

Methbin: chrZ_45005000 | marker:Gg_rs15828492

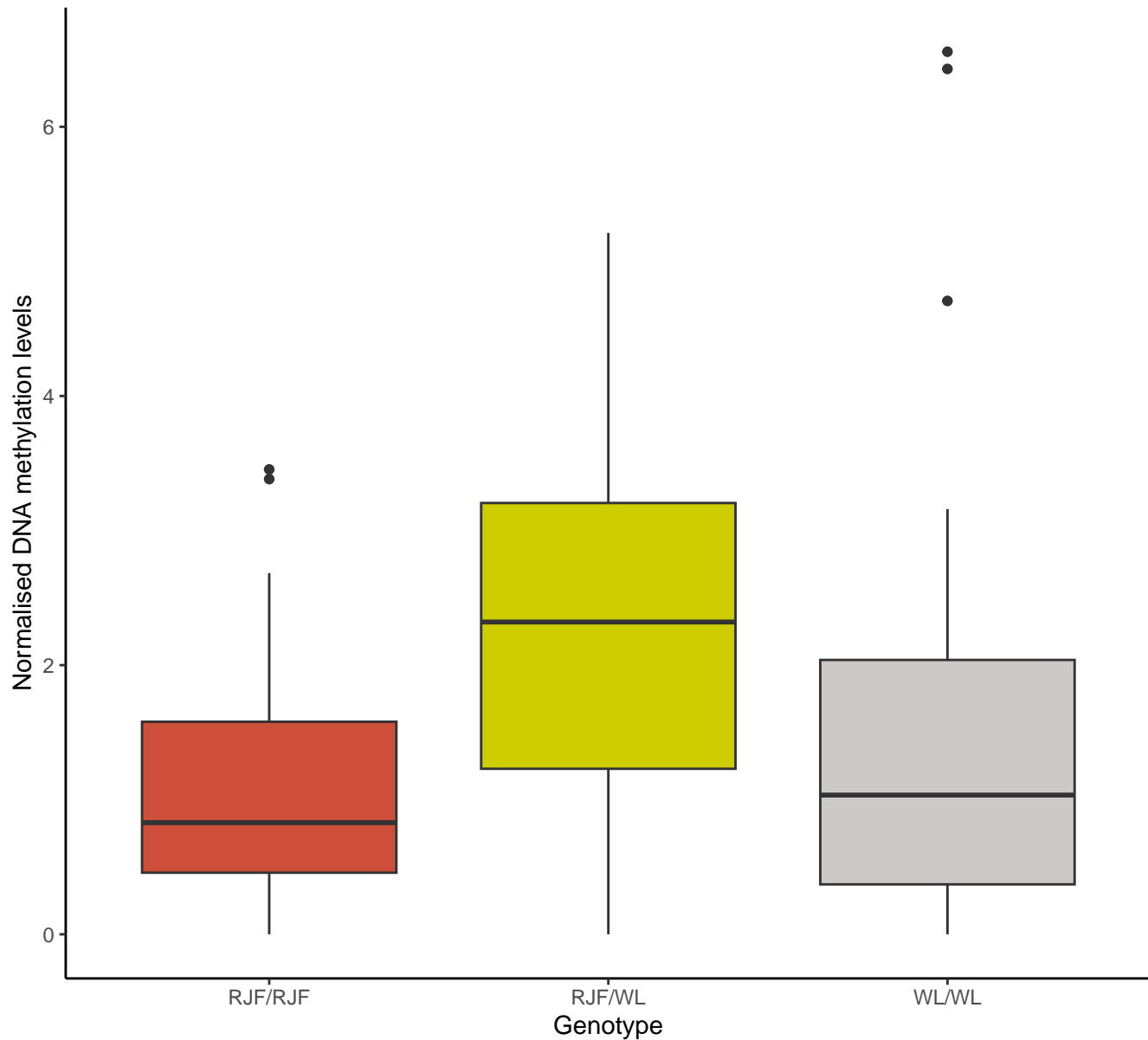
CI: chr7:0–58.22cM



trans mQTL | chr14@265.73cM | LOD: 6.71

Methbin: chrZ_45152000 | marker:rb11871

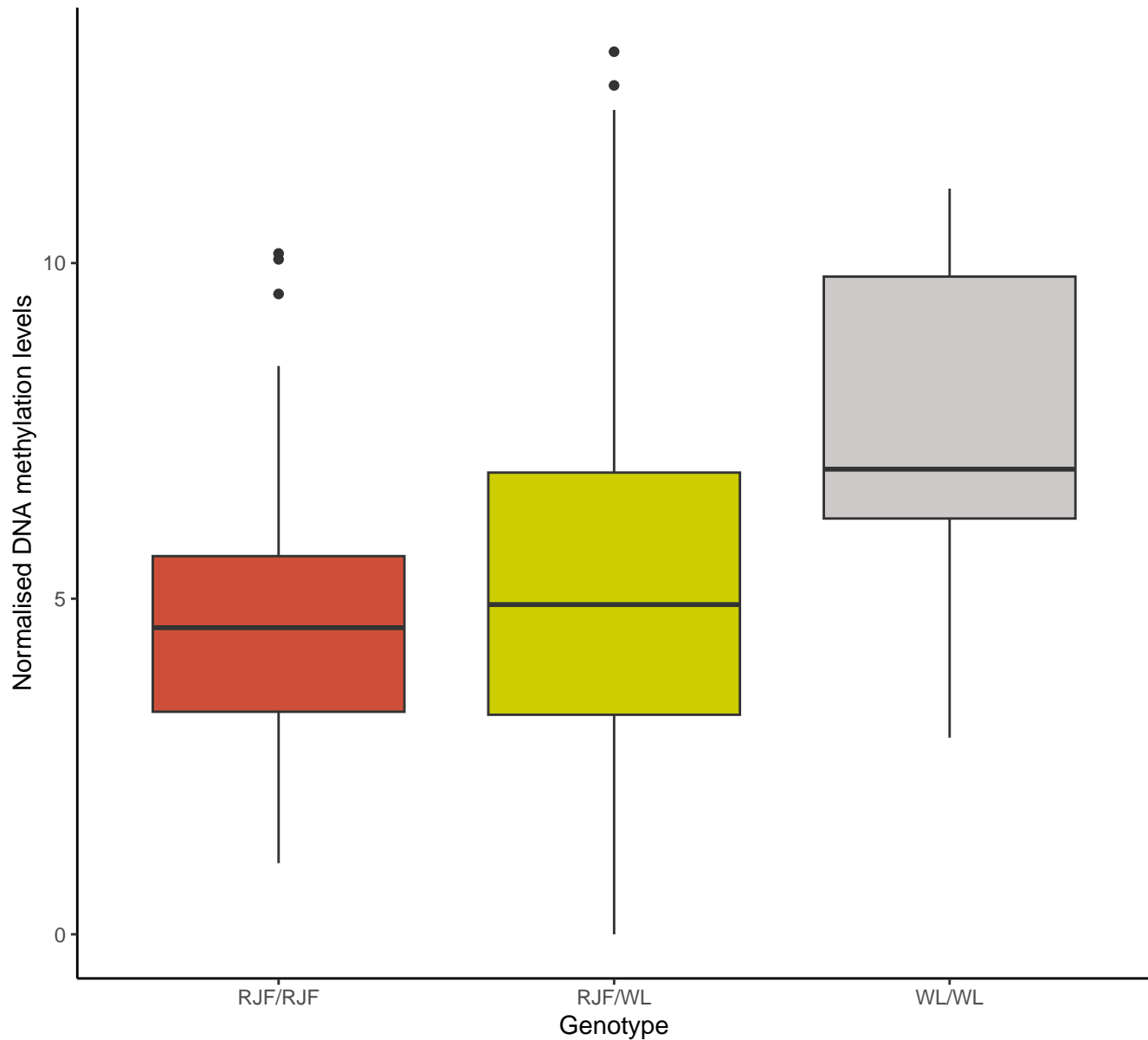
CI: chr14:241.01–265.73cM



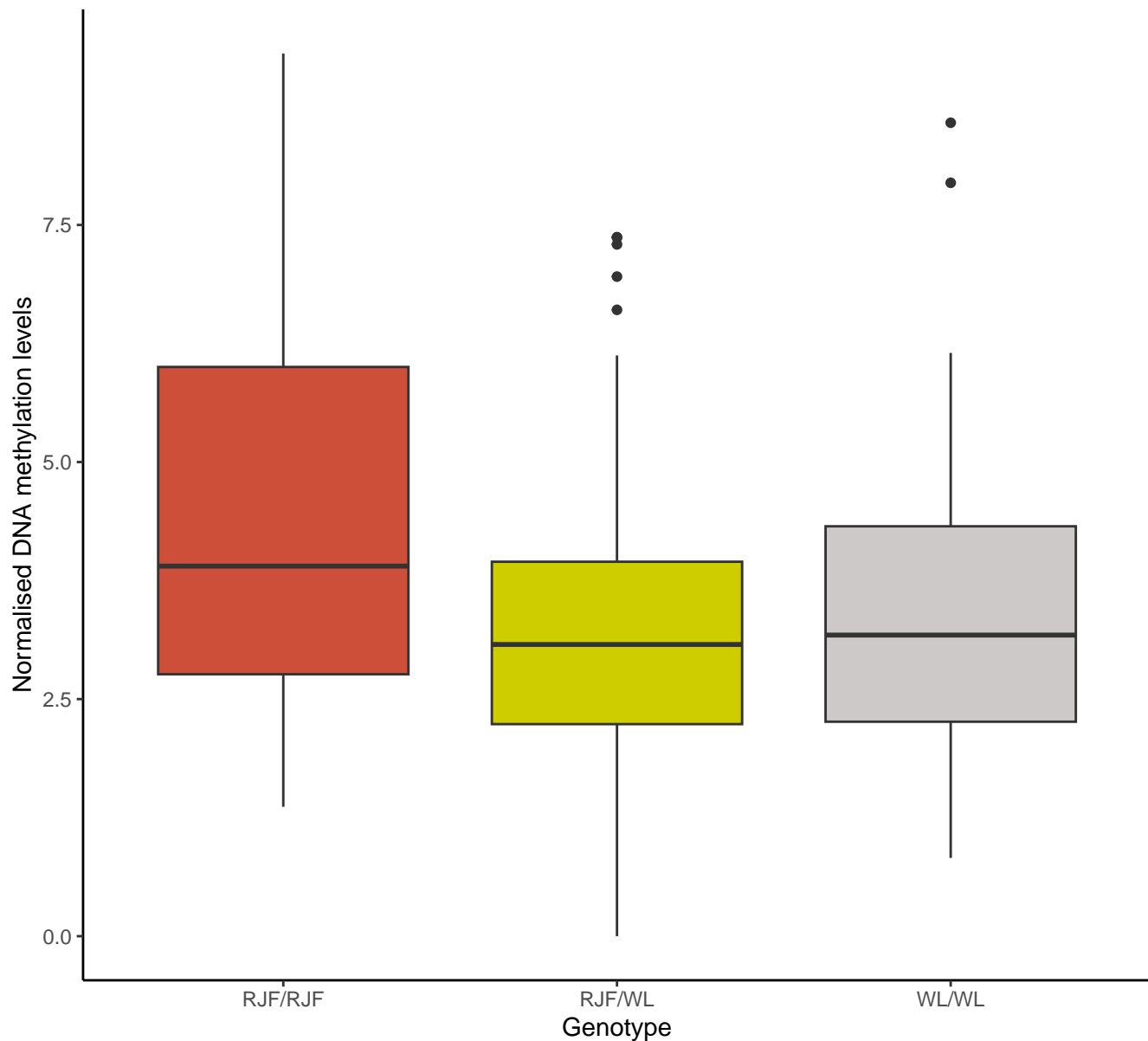
trans mQTL | chr8@172cM | LOD: 6.79

Methbin: chrZ_45495000 | marker:Gg_rs14652282

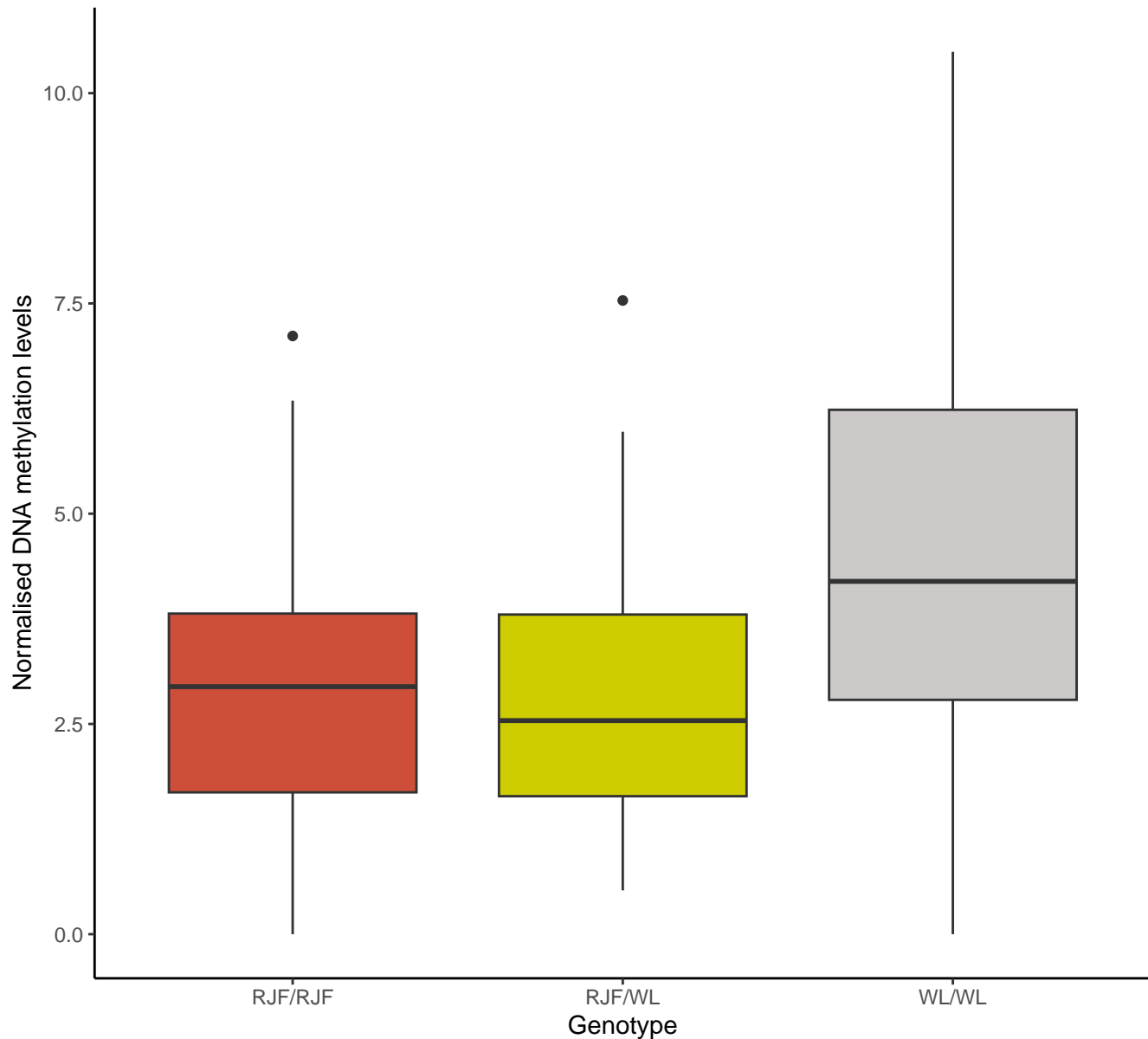
CI: chr8:138.8–219.11cM



trans mQTL | chr1@1411.38cM | LOD: 6.04
Methbin: chrZ_45666000 | marker:Gg_rs14858437
CI: chr1:1393.29–1500.49cM



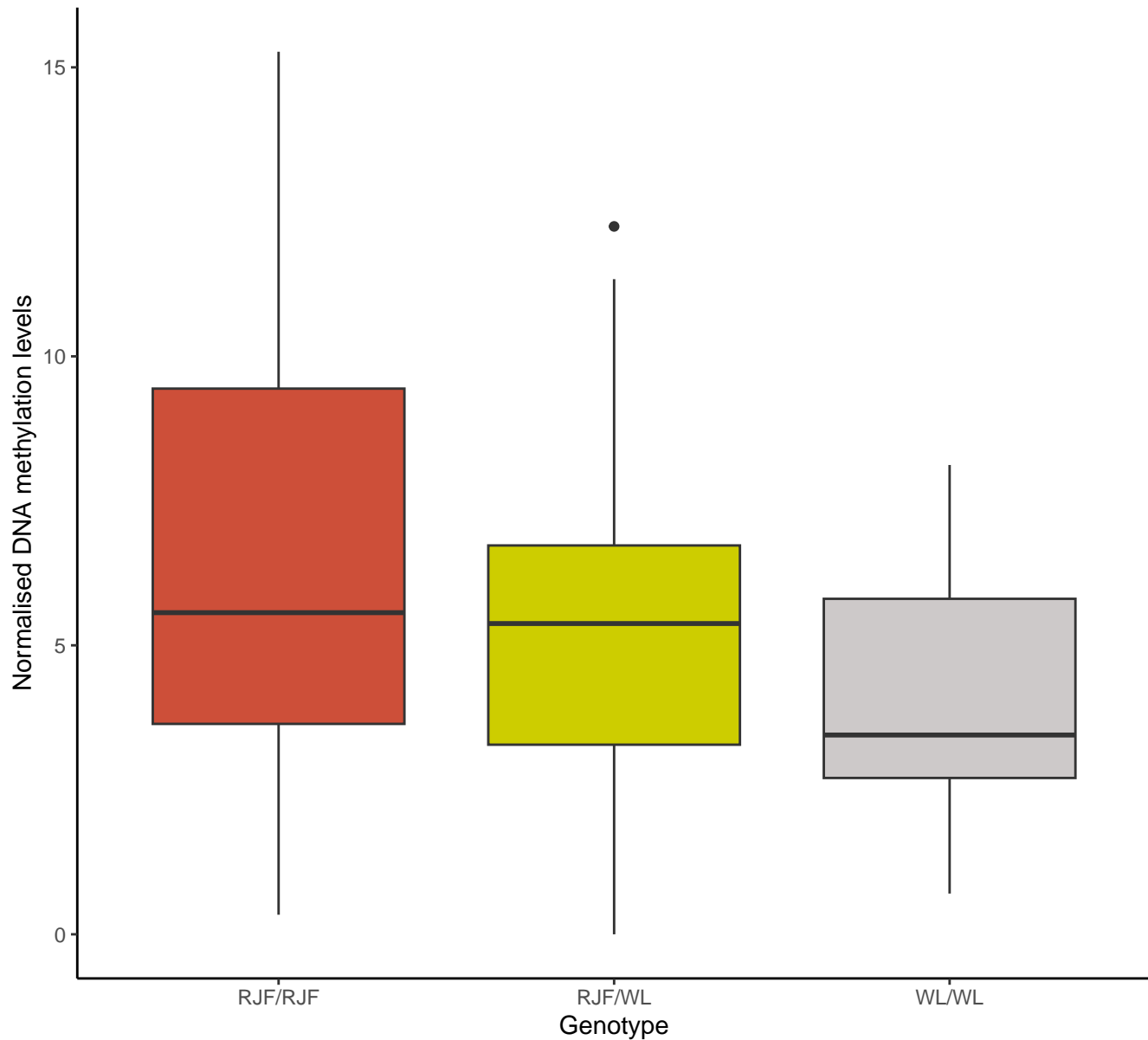
trans mQTL | chr6@111cM | LOD: 6.38
Methbin: chrZ_46204000 | marker:Gg_rs15773041
CI: chr6:86.33–126.7cM



trans mQTL | chr9@120cM | LOD: 7.02

Methbin: chrZ_46211000 | marker:Gg_rs13608395

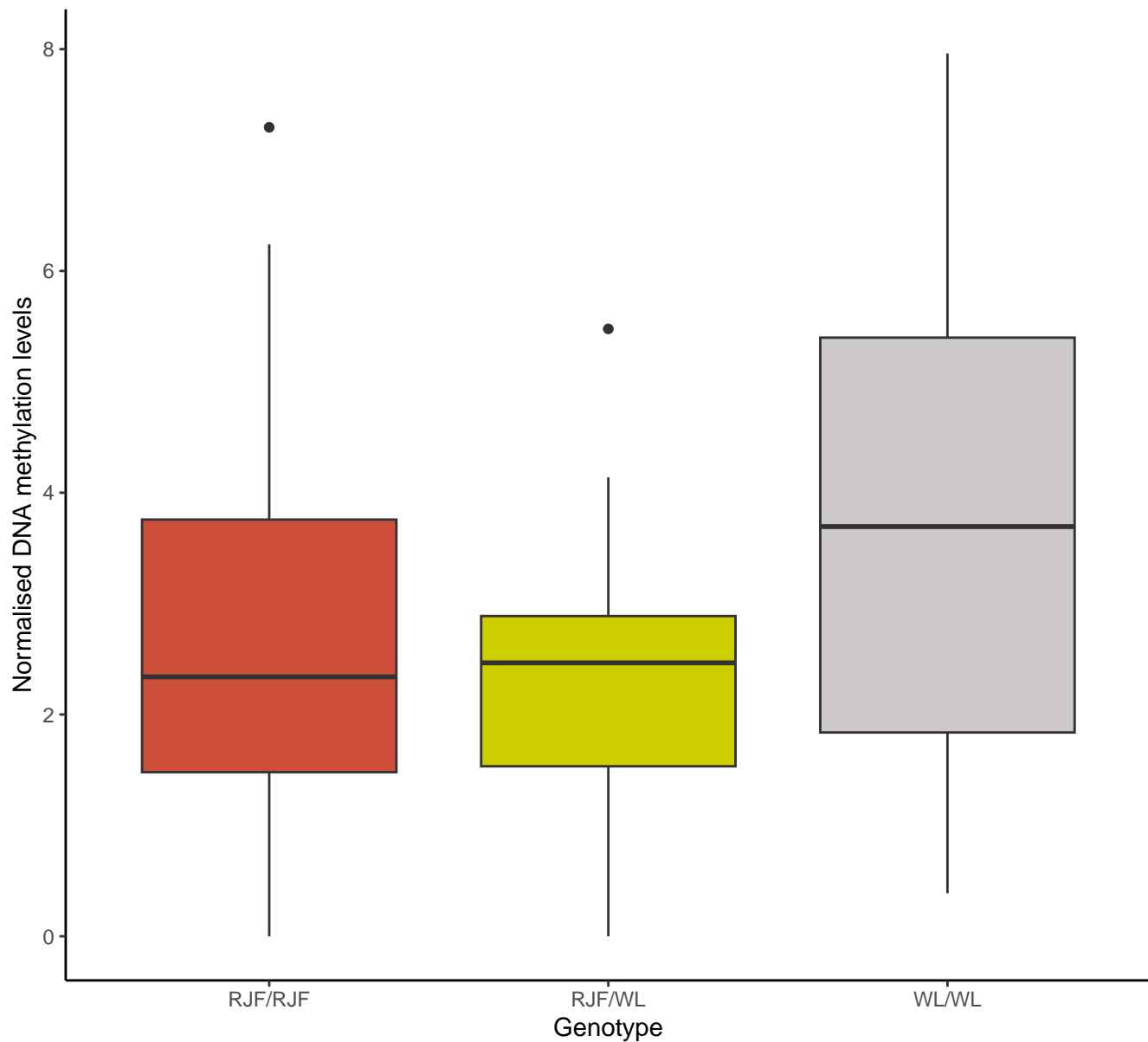
CI: chr9:105.32–145.29cM



trans mQTL | chr4@0cM | LOD: 8.14

Methbin: chrZ_46408000 | marker:X4_1267185

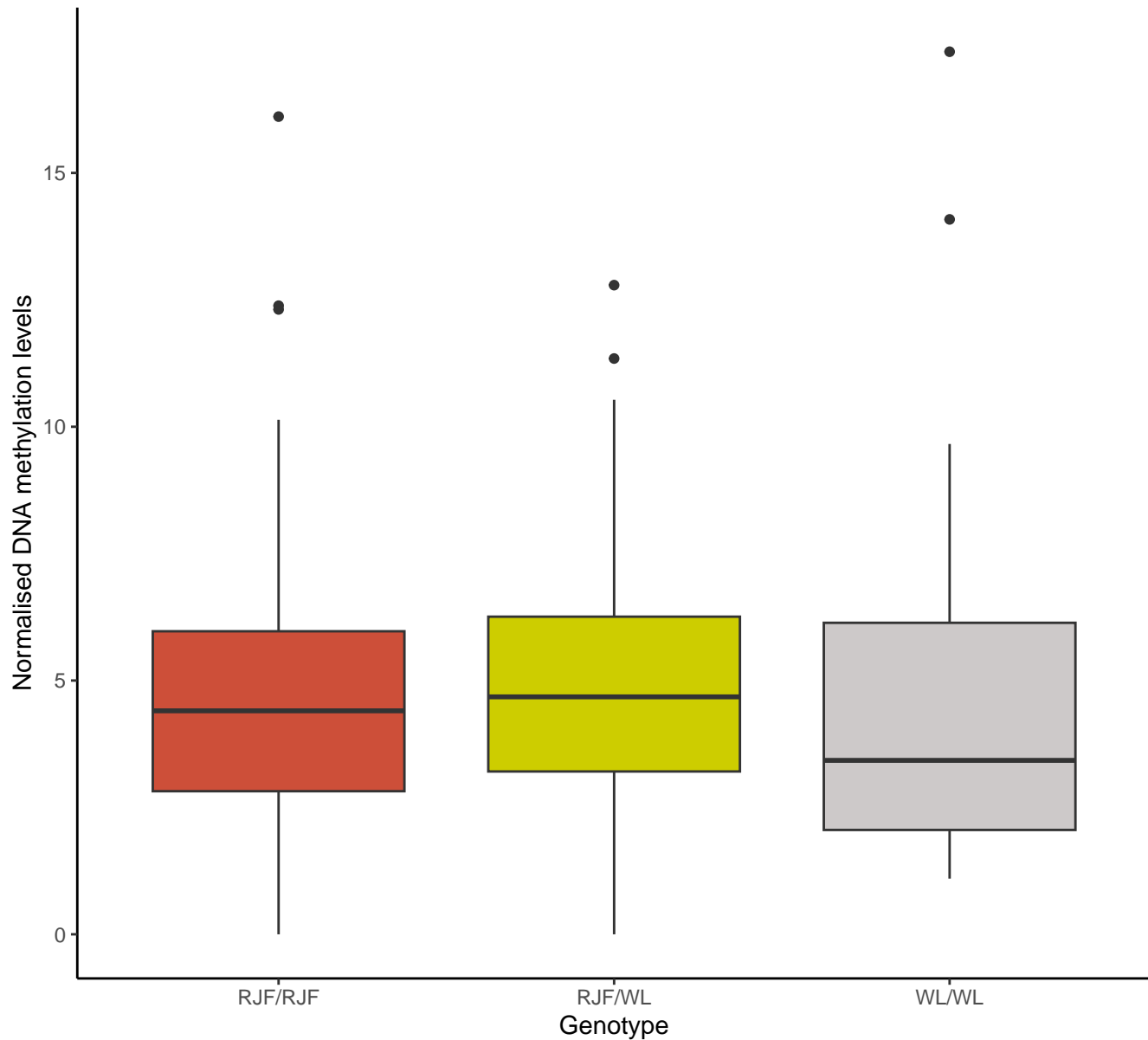
CI: chr4:0–10.25cM



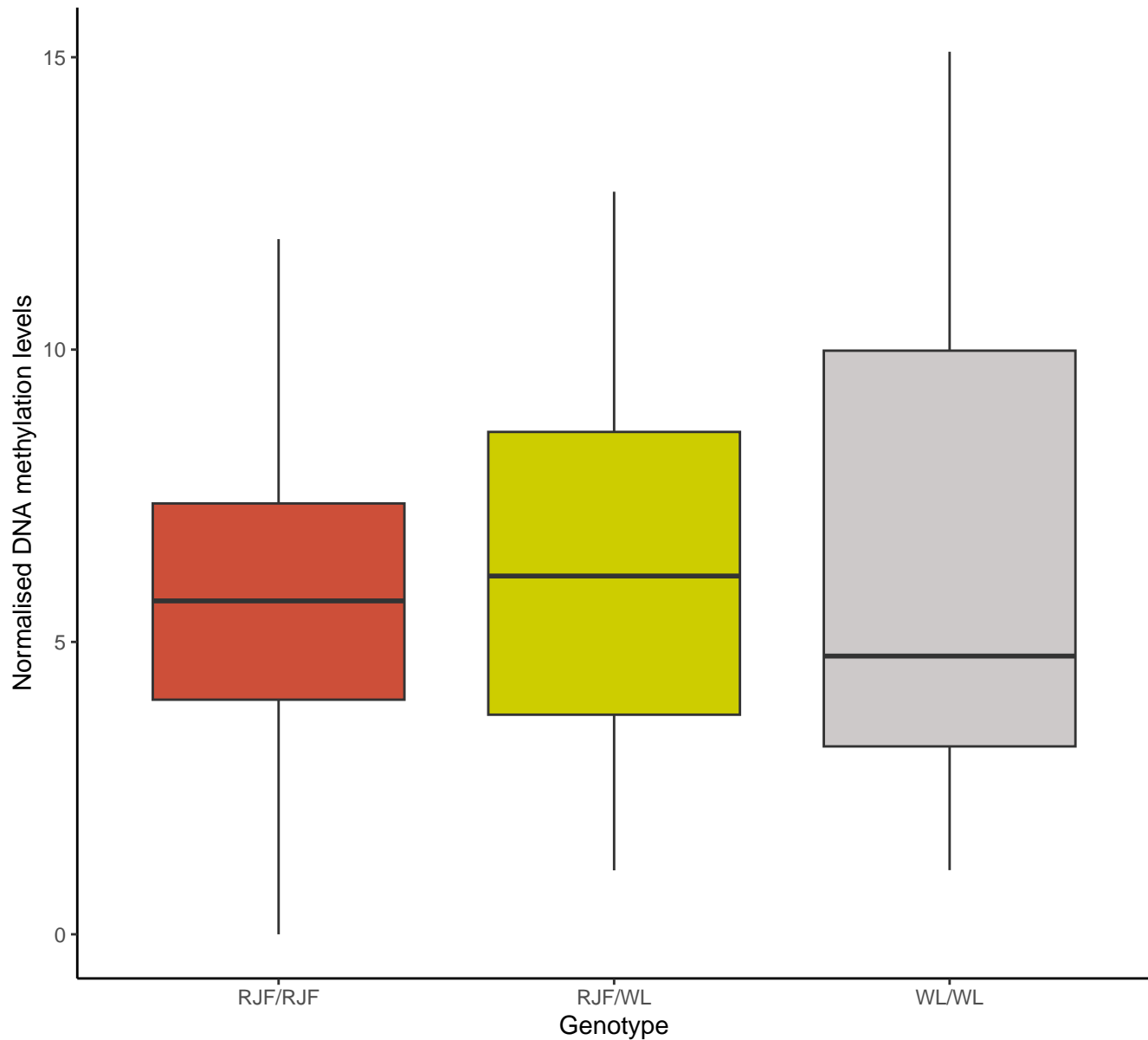
trans mQTL | chr4@10cM | LOD: 6.88

Methbin: chrZ_46542000 | marker:Gg_rs13546113

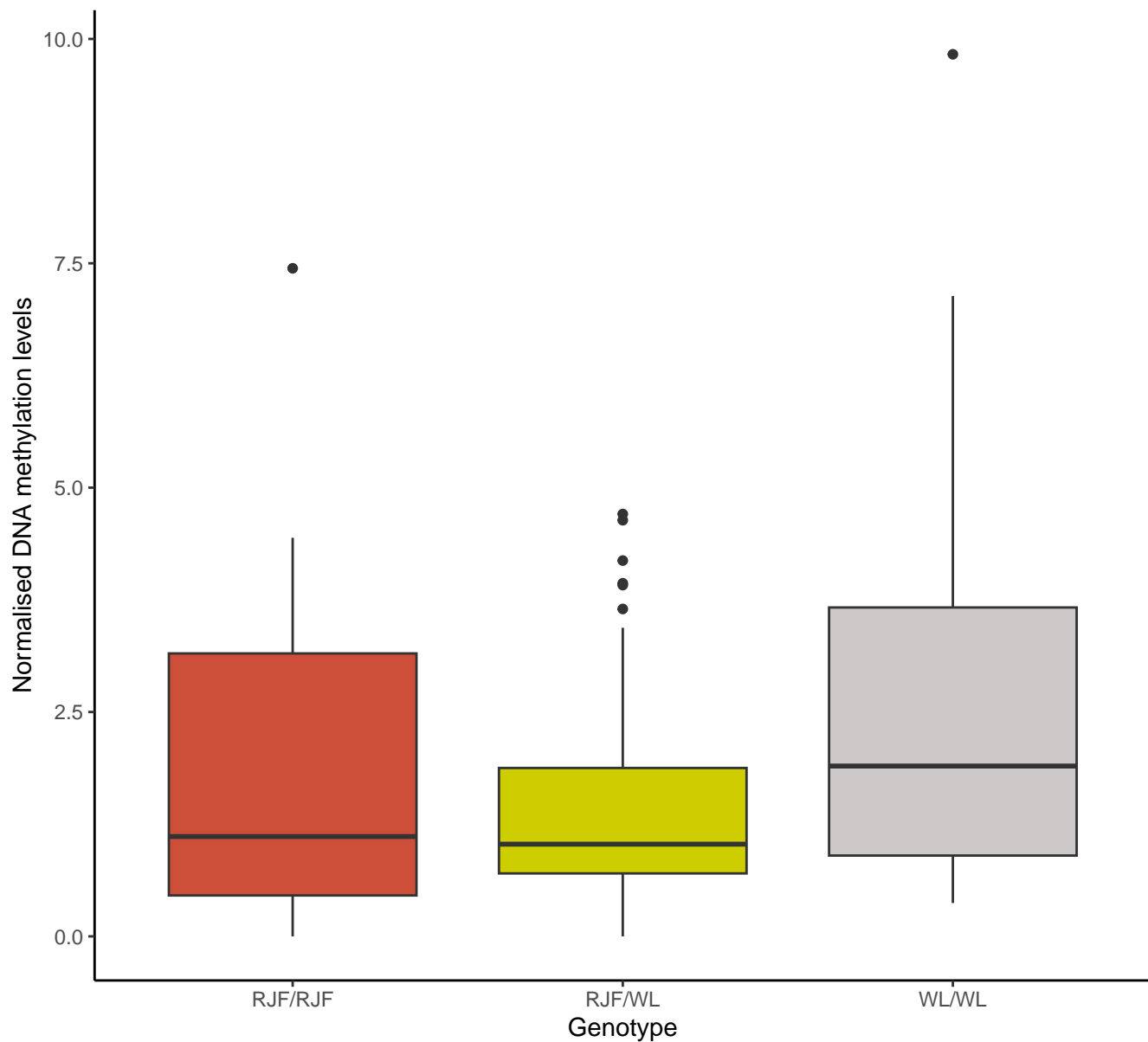
CI: chr4:0–29.52cM



trans mQTL | chr4@0cM | LOD: 5.99
Methbin: chrZ_46598000 | marker:X4_1267185
CI: chr4:0–10.25cM



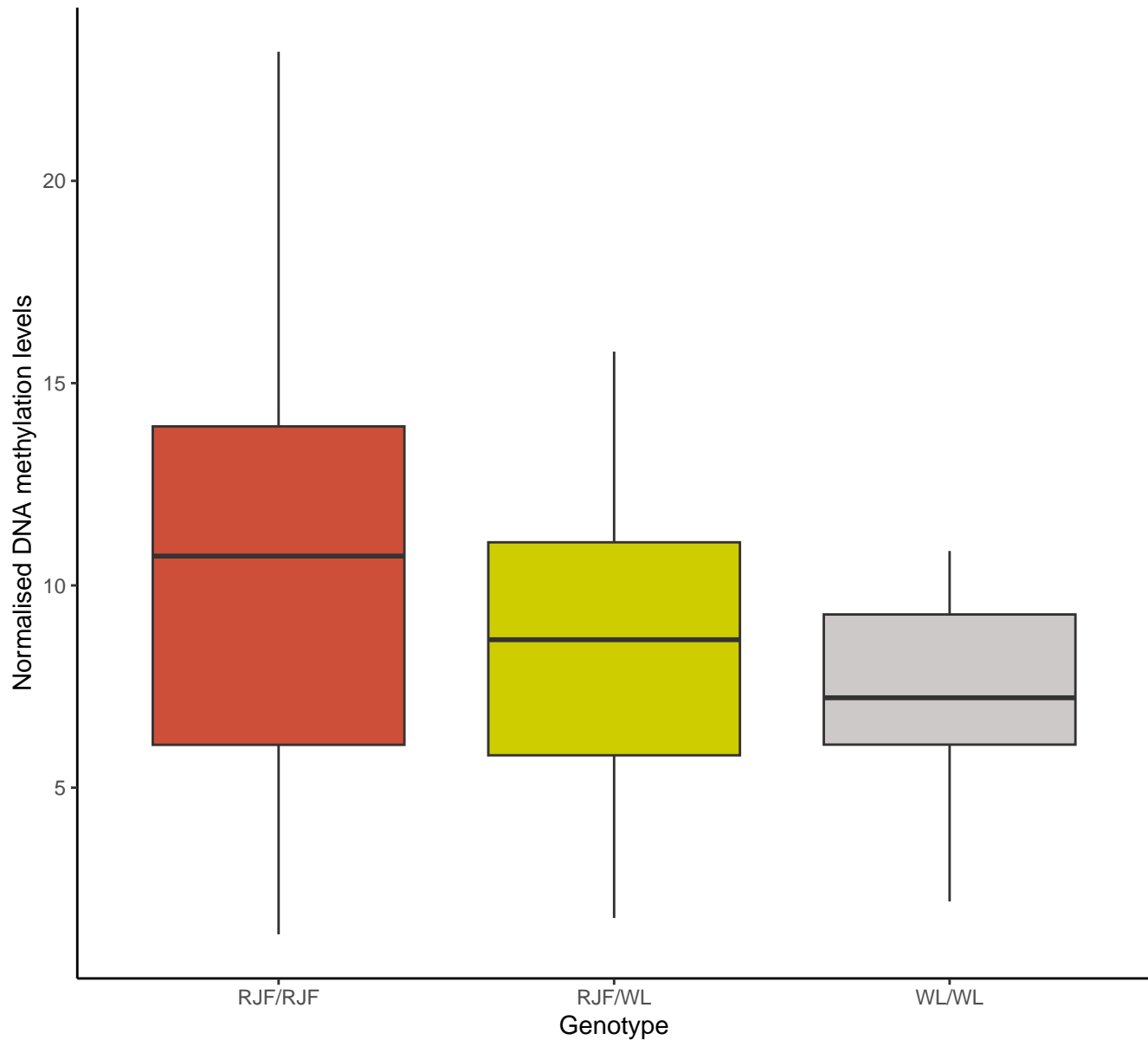
trans mQTL | chr6@106cM | LOD: 6.66
Methbin: chrZ_46707000 | marker:Gg_rs14568888
CI: chr6:86.33–126.7cM



trans mQTL | chr3@432cM | LOD: 6.12

Methbin: chrZ_46902000 | marker:snp.17.141.24973.S.1

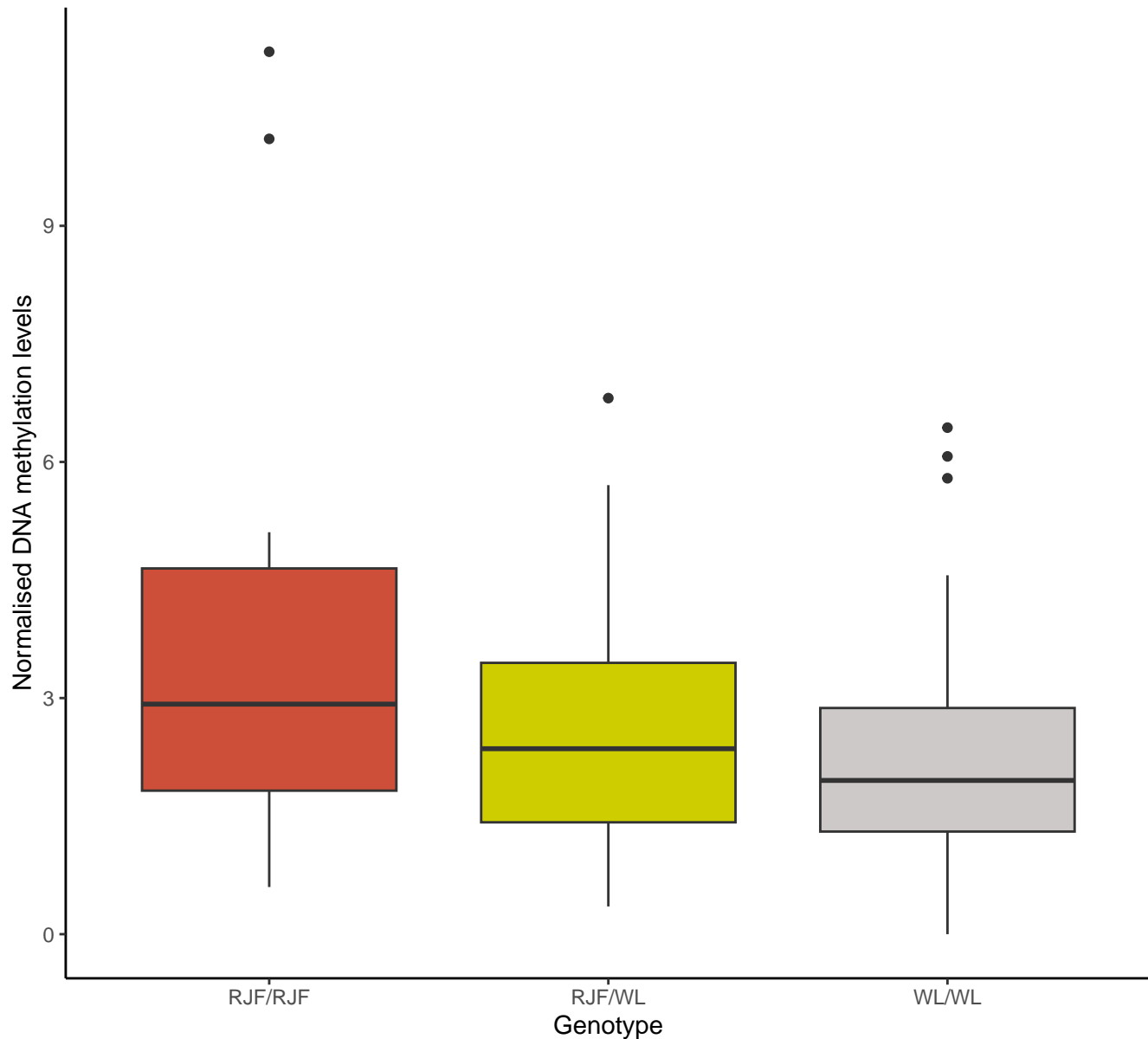
CI: chr3:419.42–457.17cM



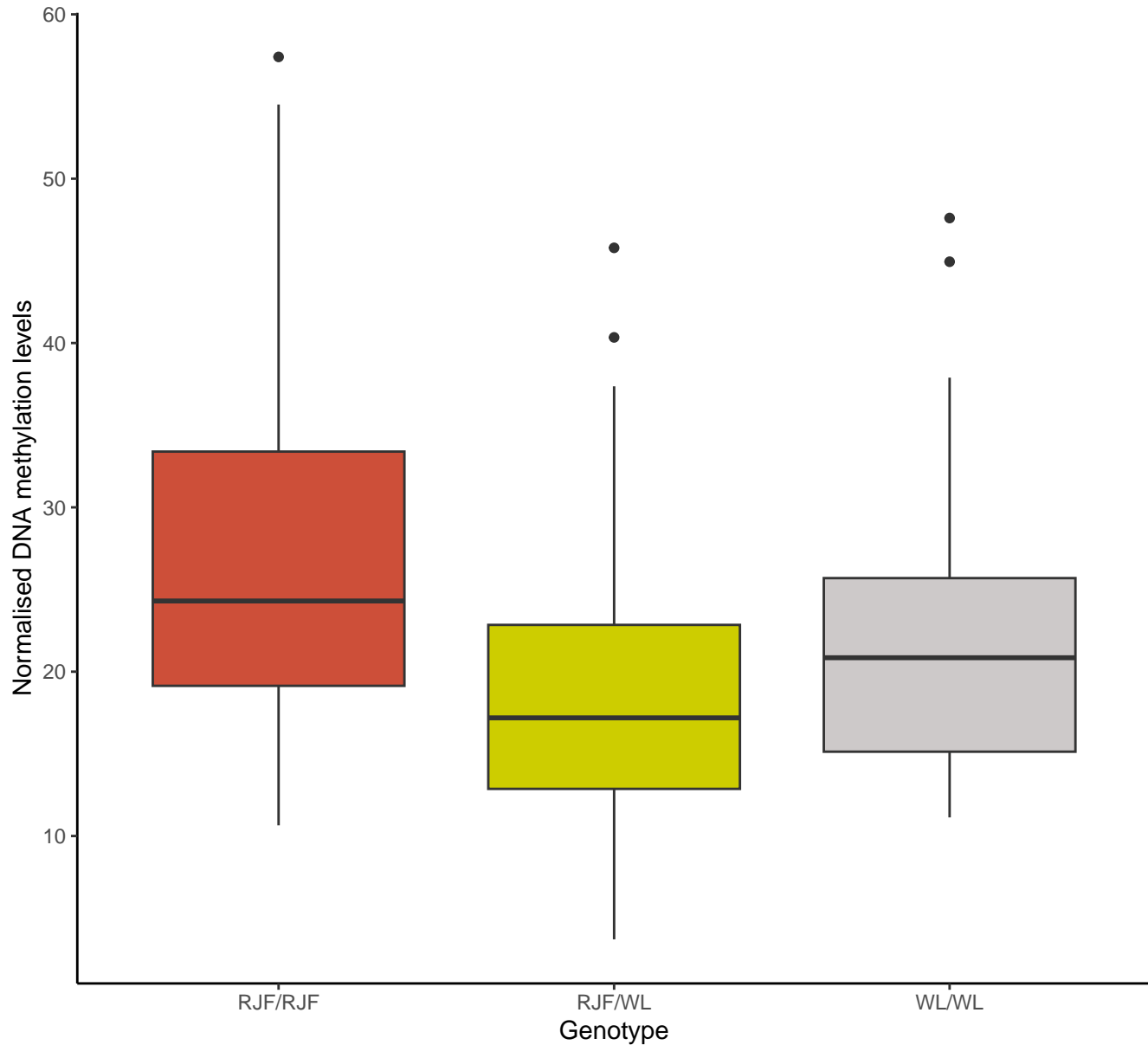
trans mQTL | chr12@57.81cM | LOD: 6.28

Methbin: chrZ_46950000 | marker:Gg_rs13609494

CI: chr12:34.82–85.17cM



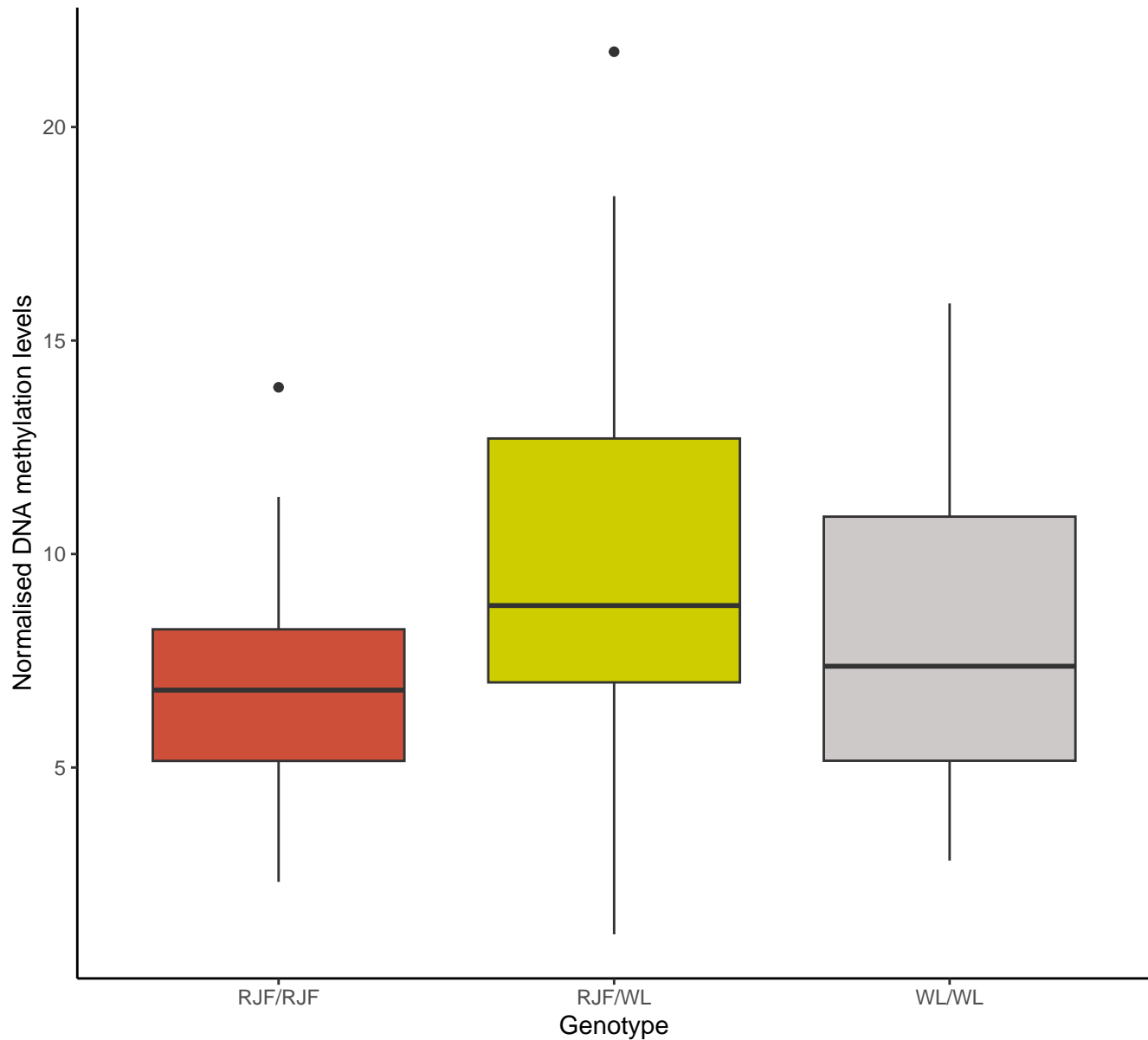
trans mQTL | chr3@578.5cM | LOD: 6.19
Methbin: chrZ_47091000 | marker:Gg_rs15416272
CI: chr3:557.74–610.92cM



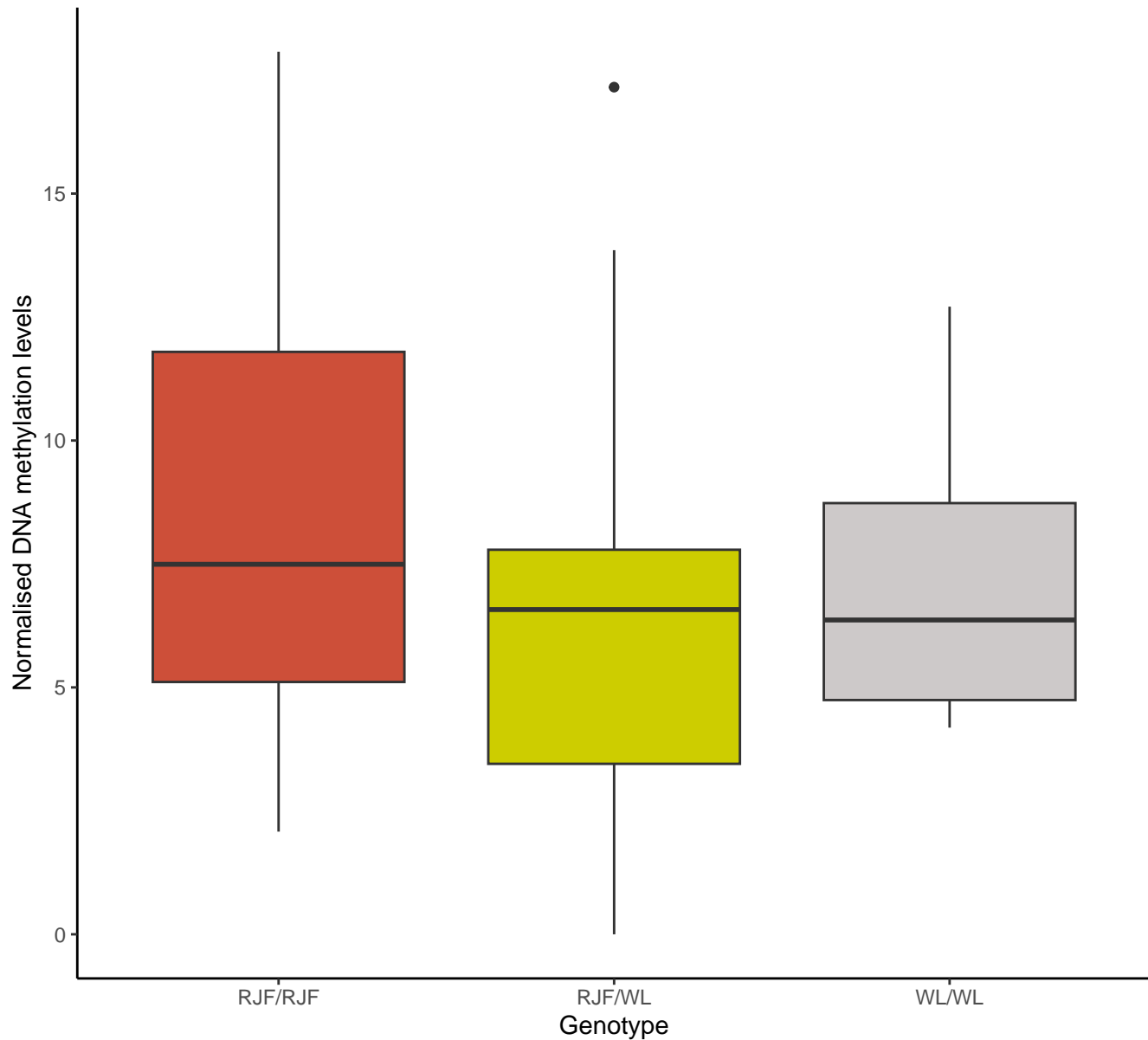
trans mQTL | chr14@265.73cM | LOD: 6.41

Methbin: chrZ_47257000 | marker:rb1871

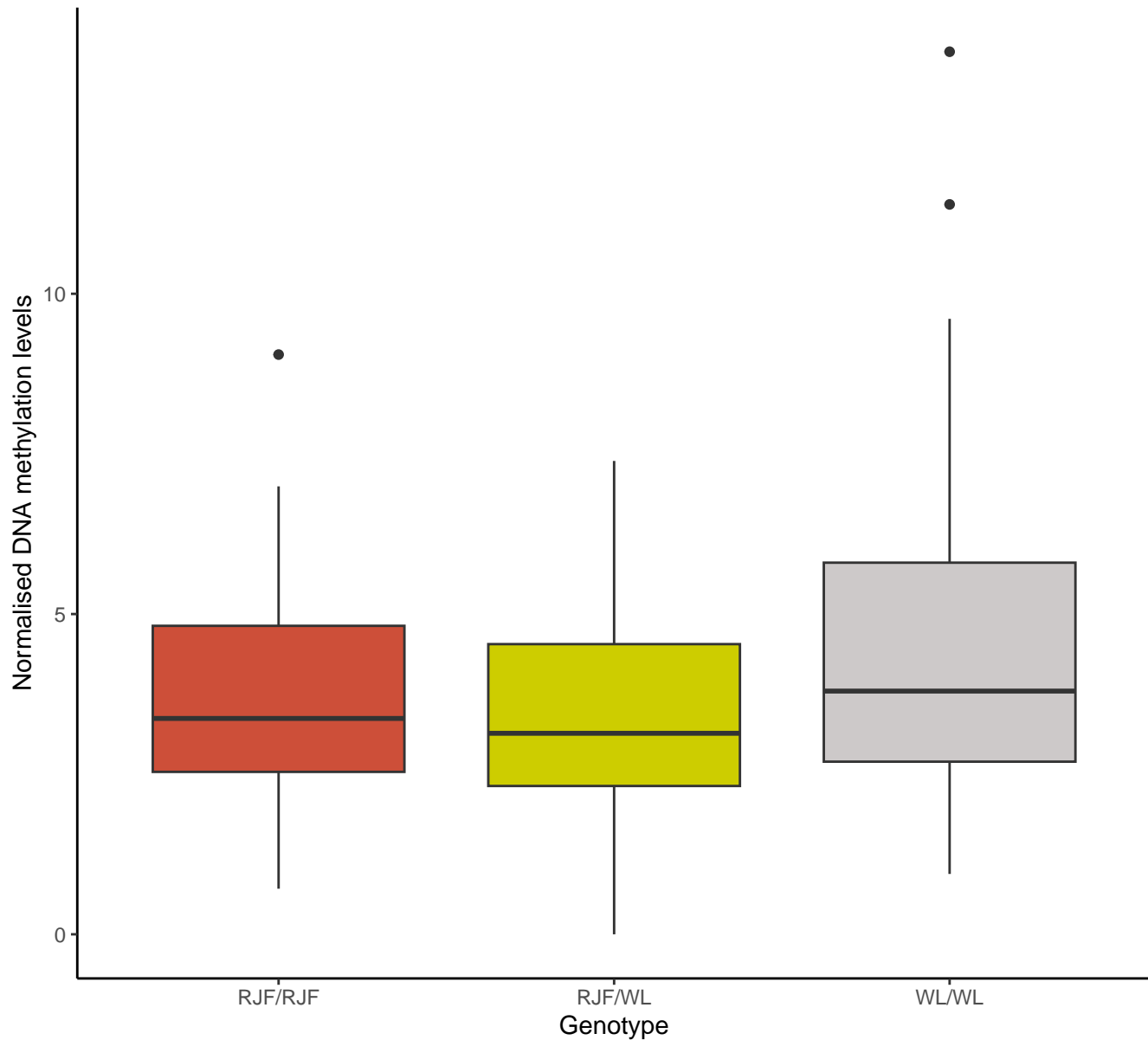
CI: chr14:241.01–265.73cM



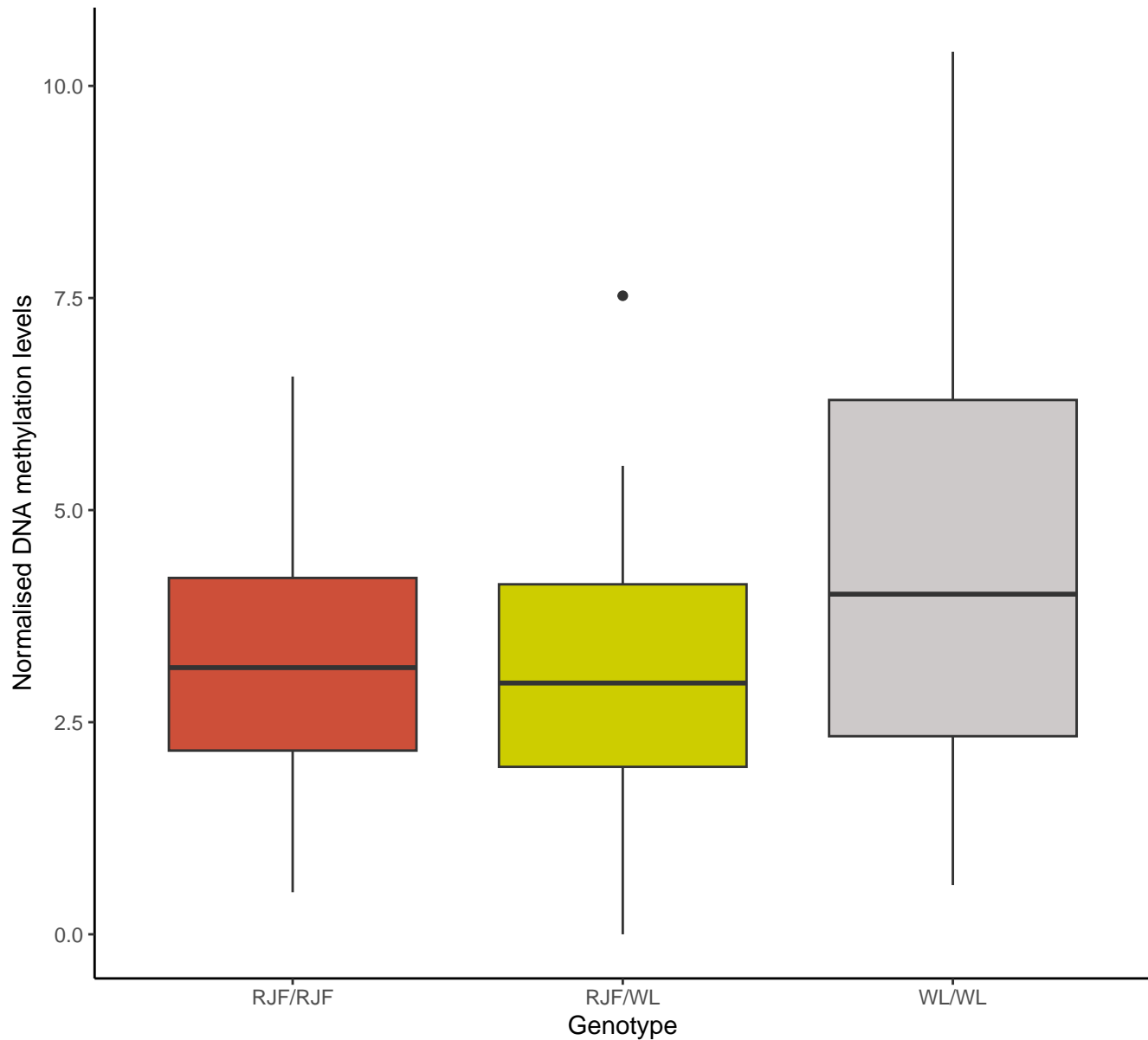
trans mQTL | chr3@578.5cM | LOD: 6.15
Methbin: chrZ_47272000 | marker:Gg_rs15416272
CI: chr3:375.03–610.92cM



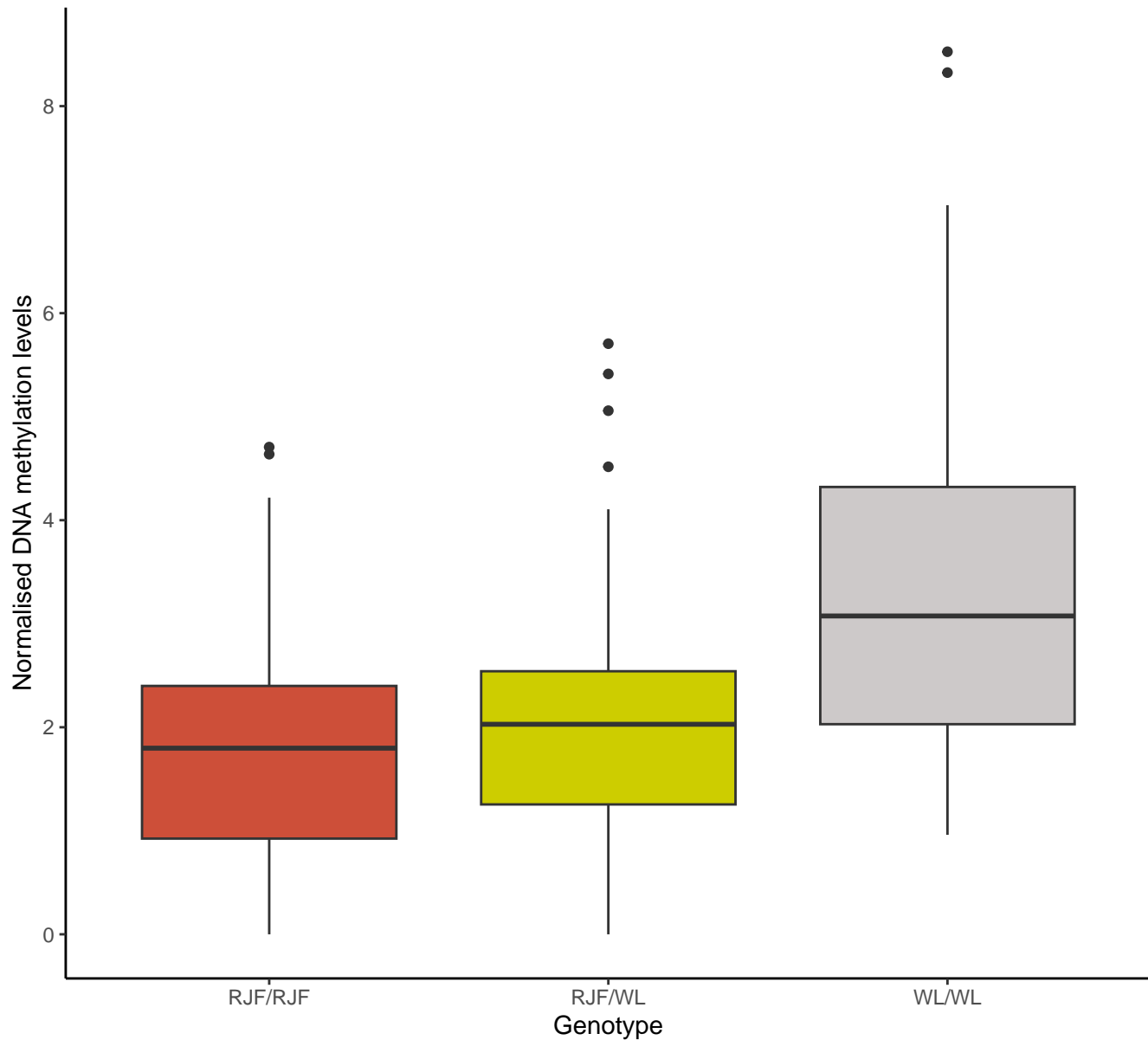
trans mQTL | chr28@54.89cM | LOD: 6.4
Methbin: chrZ_47378000 | marker:Gg_rs14306112
CI: chr28:26.97–107.33cM



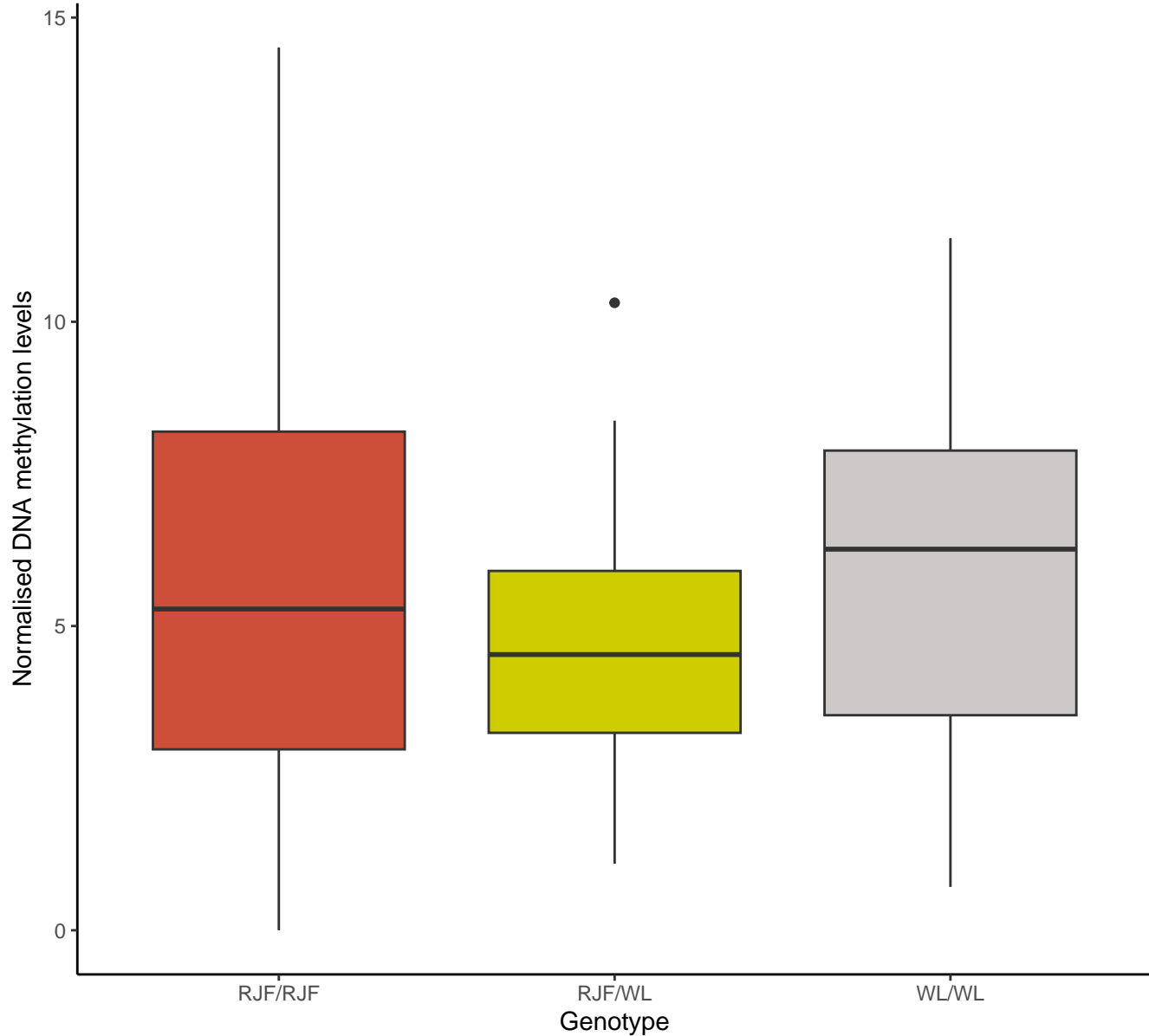
trans mQTL | chr1 @281.94cM | LOD: 6.28
Methbin: chrZ_47430000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



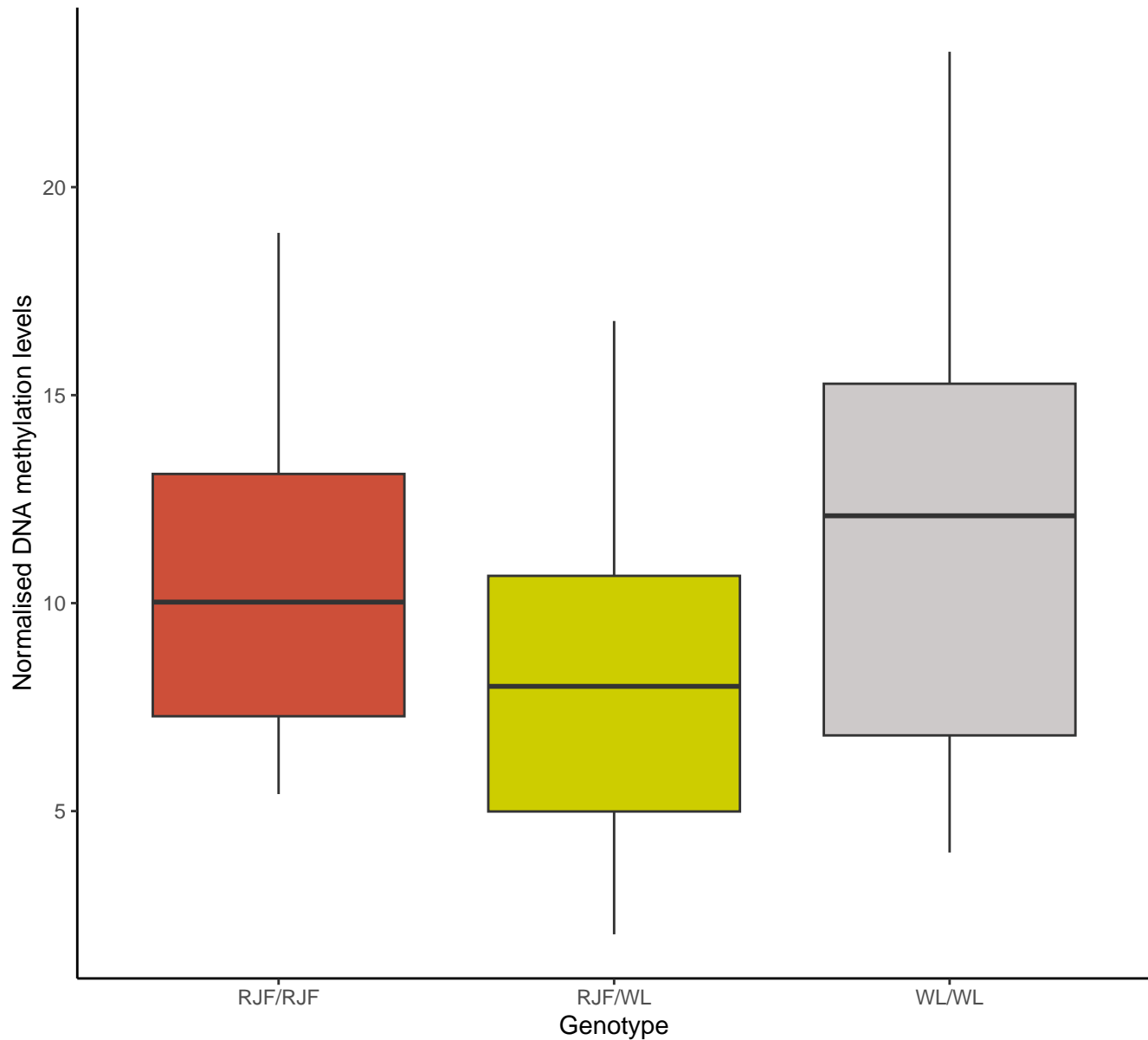
trans mQTL | chr1 @2094.51cM | LOD: 6.43
Methbin: chrZ_47479000 | marker:X1_185988681
CI: chr1:2065.57–2210.81cM



trans mQTL | chr8@89.31cM | LOD: 6.41
Methbin: chrZ_47513000 | marker:Gg_rs16625881
CI: chr8:68.59–91.83cM



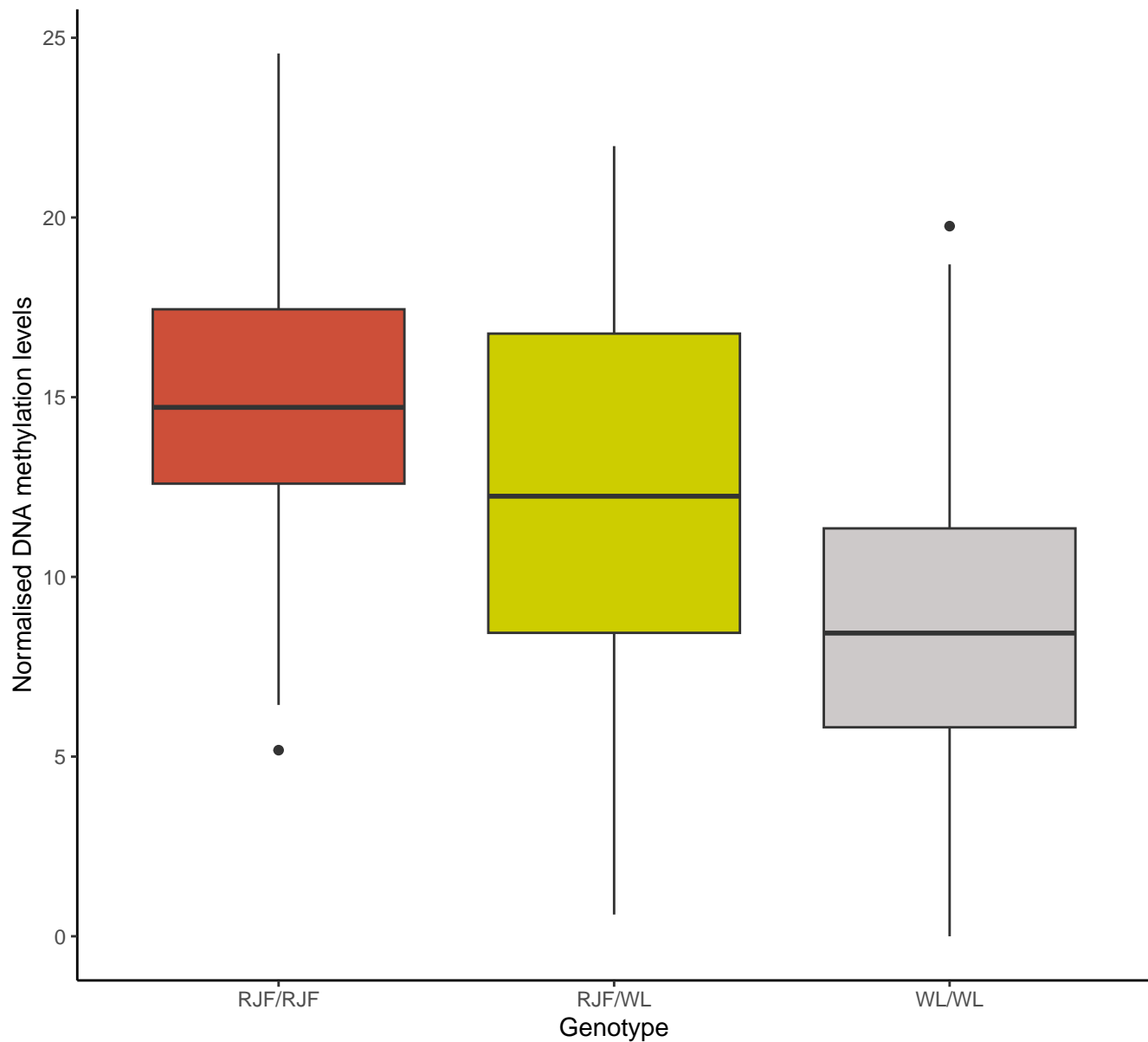
trans mQTL | chr1@281.94cM | LOD: 6.1
Methbin: chrZ_47537000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



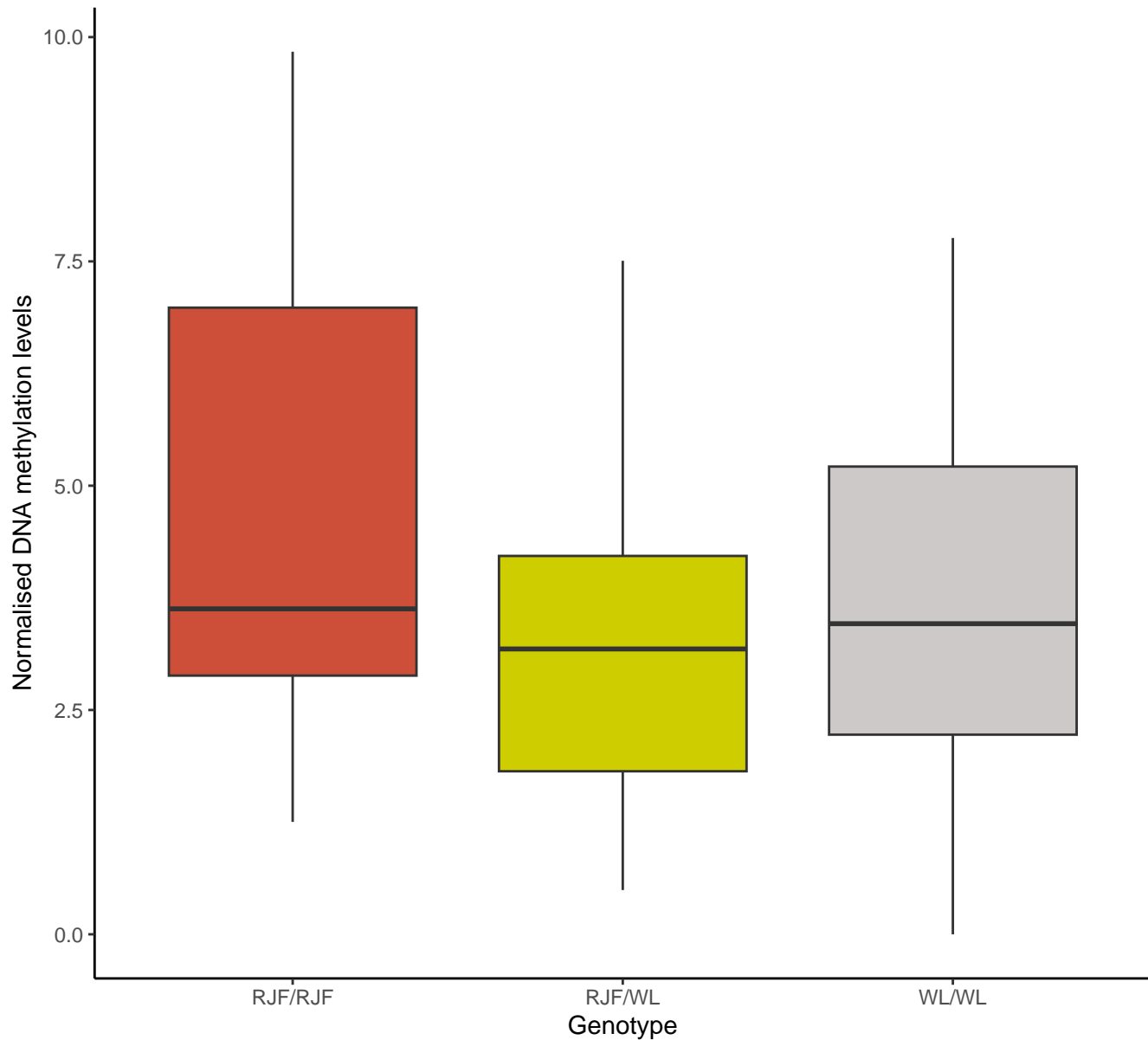
trans mQTL | chr22@62.4cM | LOD: 6.02

Methbin: chrZ_47552000 | marker:Gg_rs15187890

CI: chr22:50.52–62.4cM



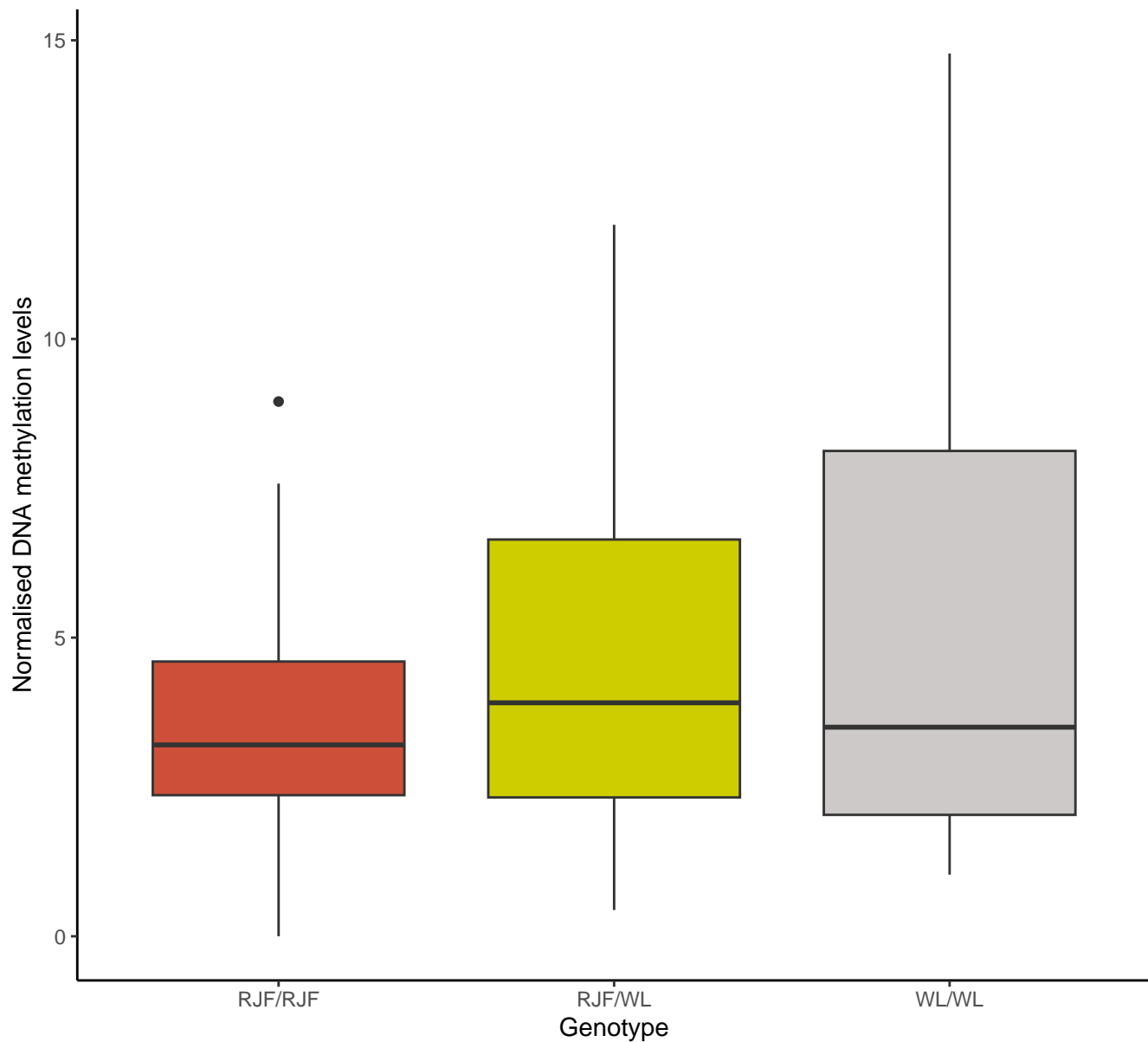
trans mQTL | chr2@1191cM | LOD: 6.6
Methbin: chrZ_47704000 | marker:Gg_rs13761539
CI: chr2:1184.59–1275.66cM



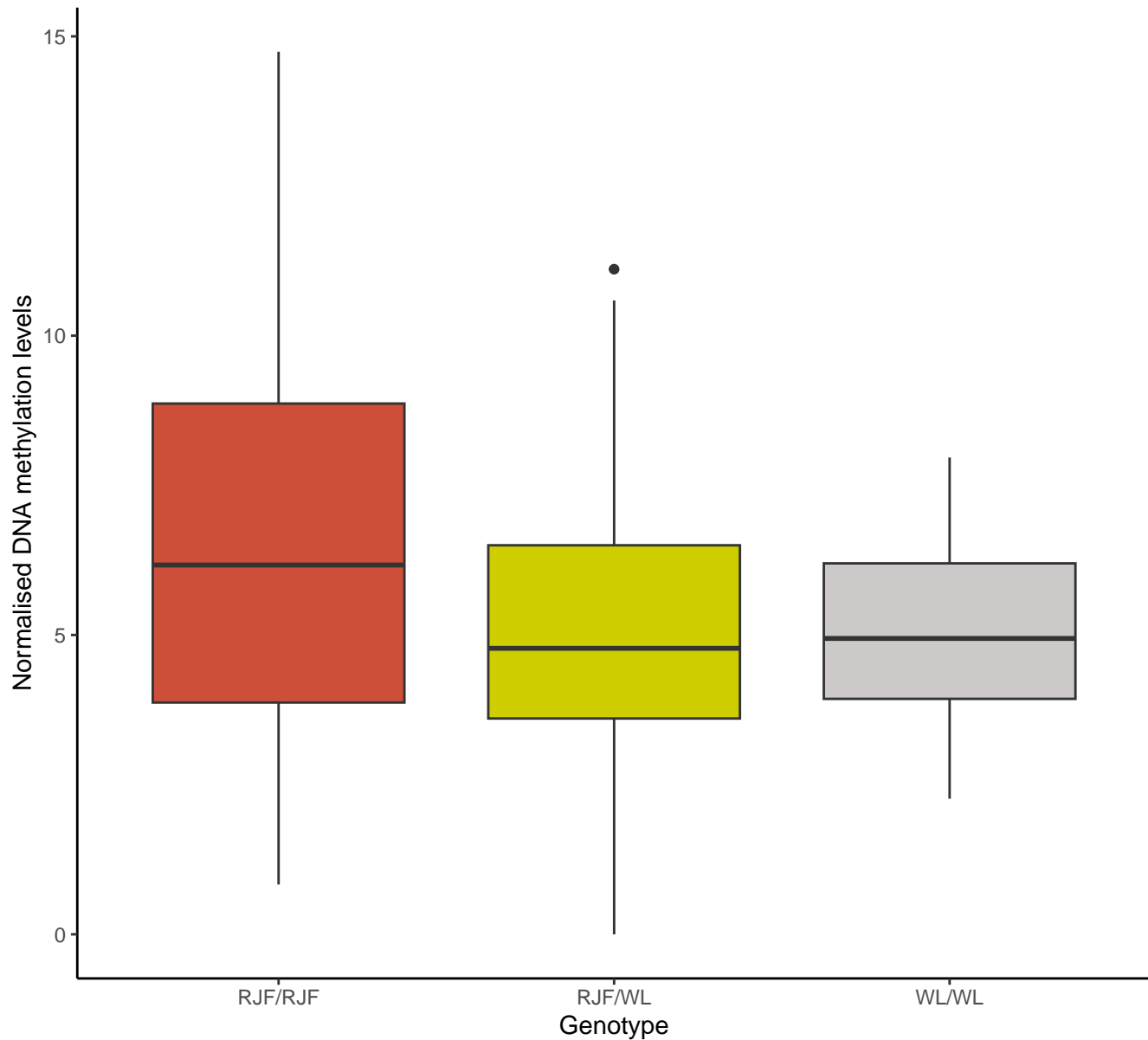
trans mQTL | chr14@265.73cM | LOD: 6.14

Methbin: chrZ_47728000 | marker:rbl1871

CI: chr14:241.01–265.73cM



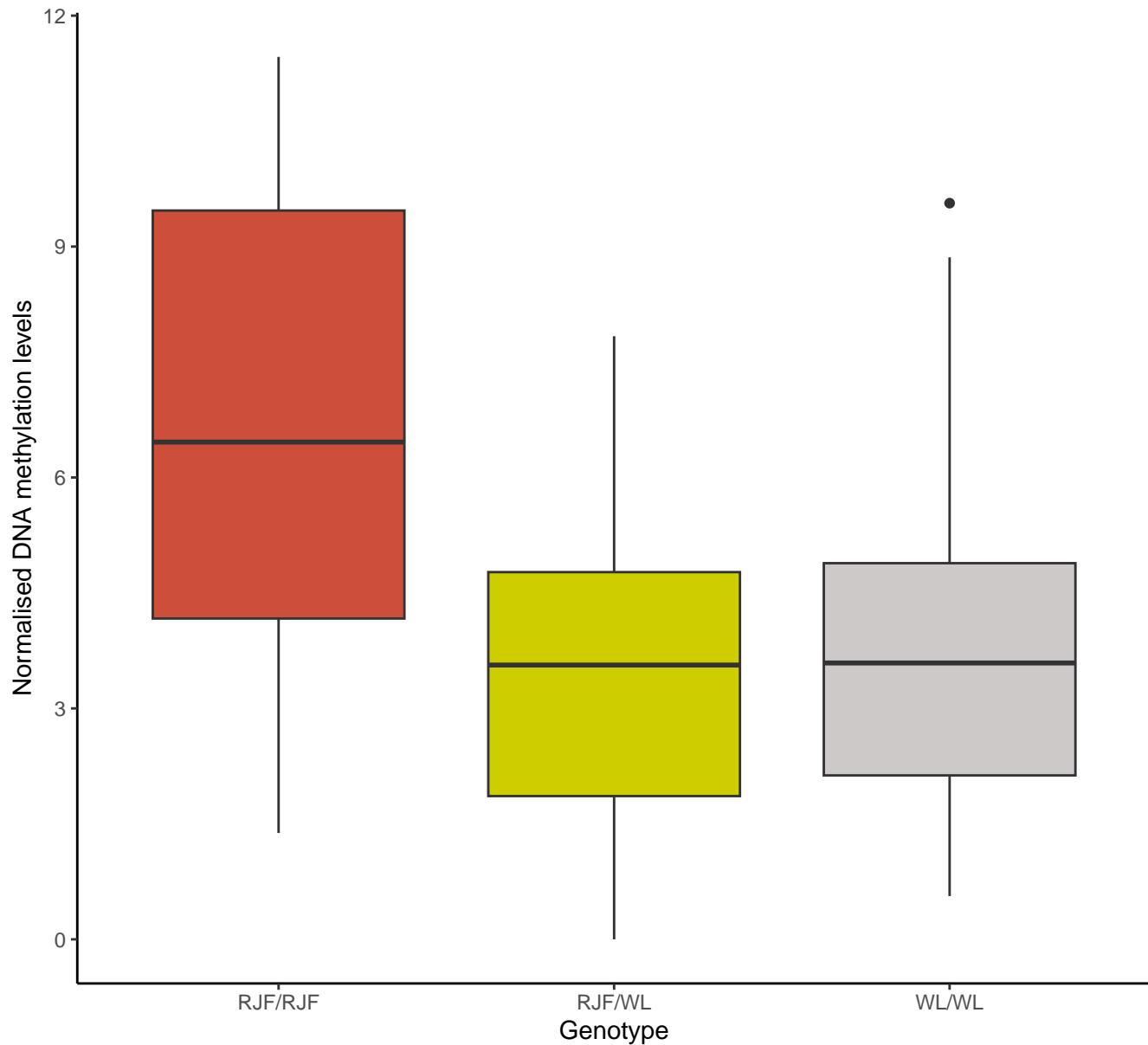
trans mQTL | chr9@102cM | LOD: 7.47
Methbin: chrZ_47812000 | marker:Gg_rs14671718
CI: chr9:86.7–117.55cM



trans mQTL | chr5@182.4cM | LOD: 6.16

Methbin: chrZ_47877000 | marker:Gg_rs15679503

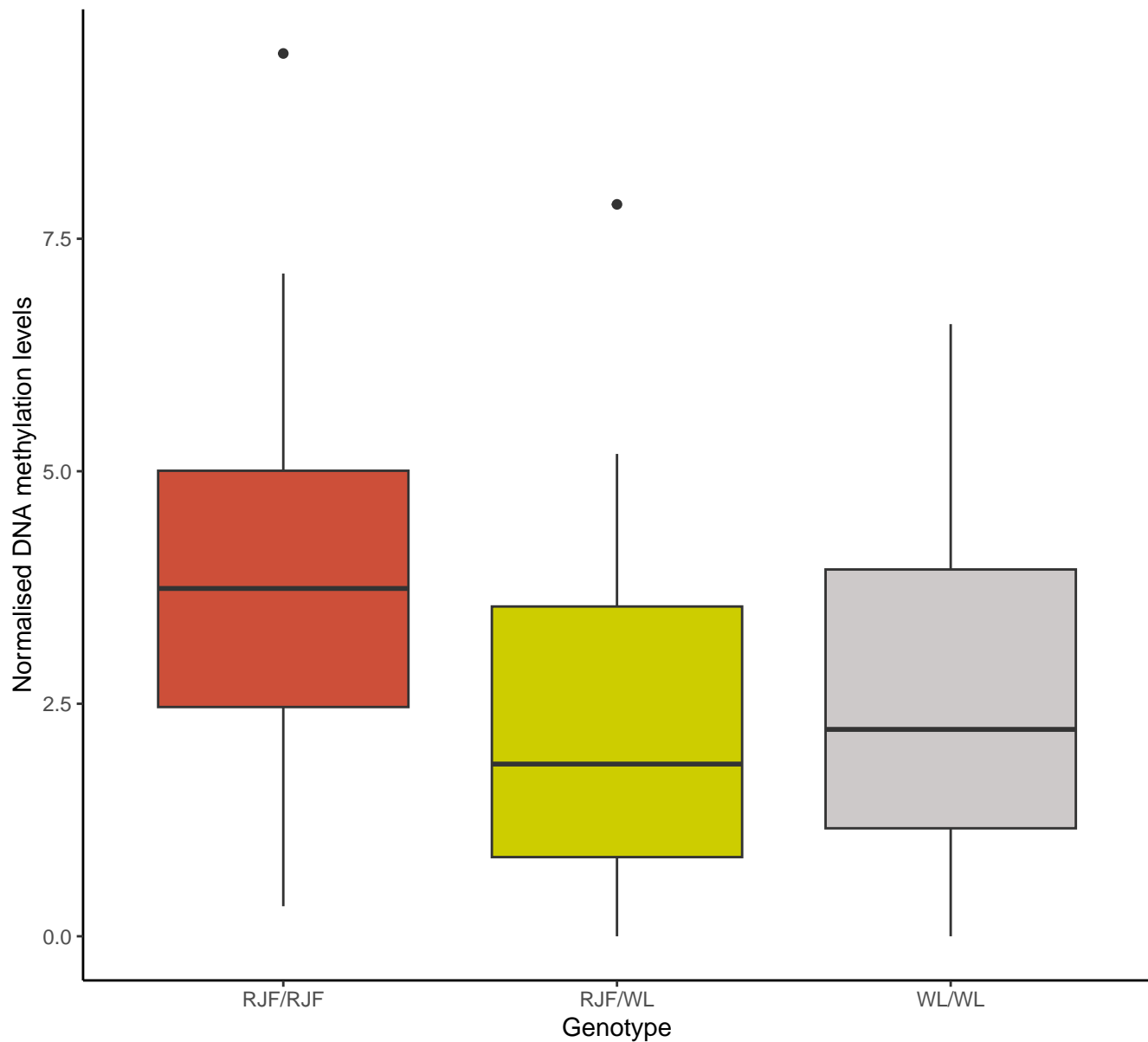
CI: chr5:131.24–200.39cM



trans mQTL | chr1@2210.81cM | LOD: 5.99

Methbin: chrZ_47895000 | marker:snp.317.20.11874.S.1

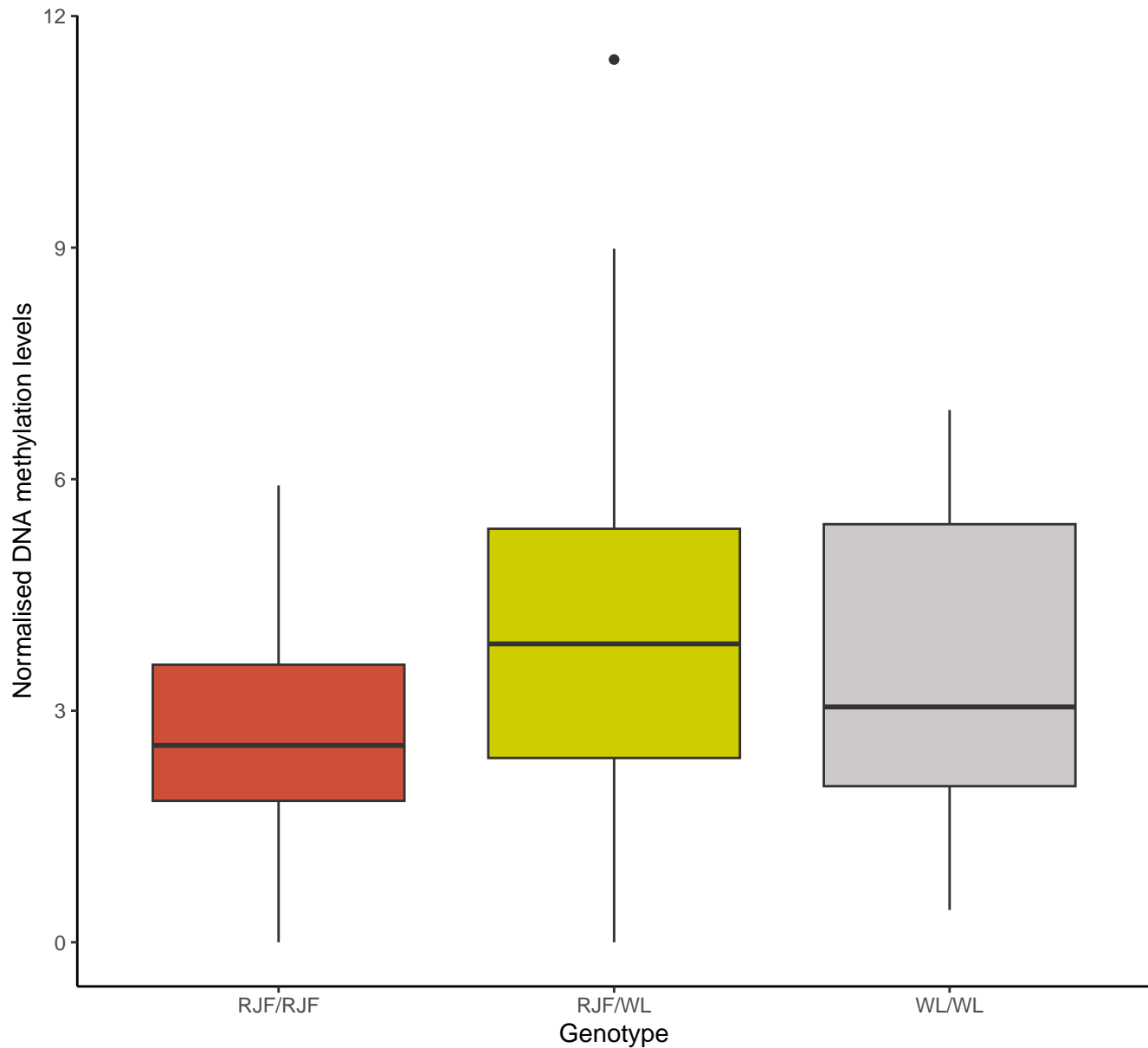
CI: chr1:2094.51–2334.16cM



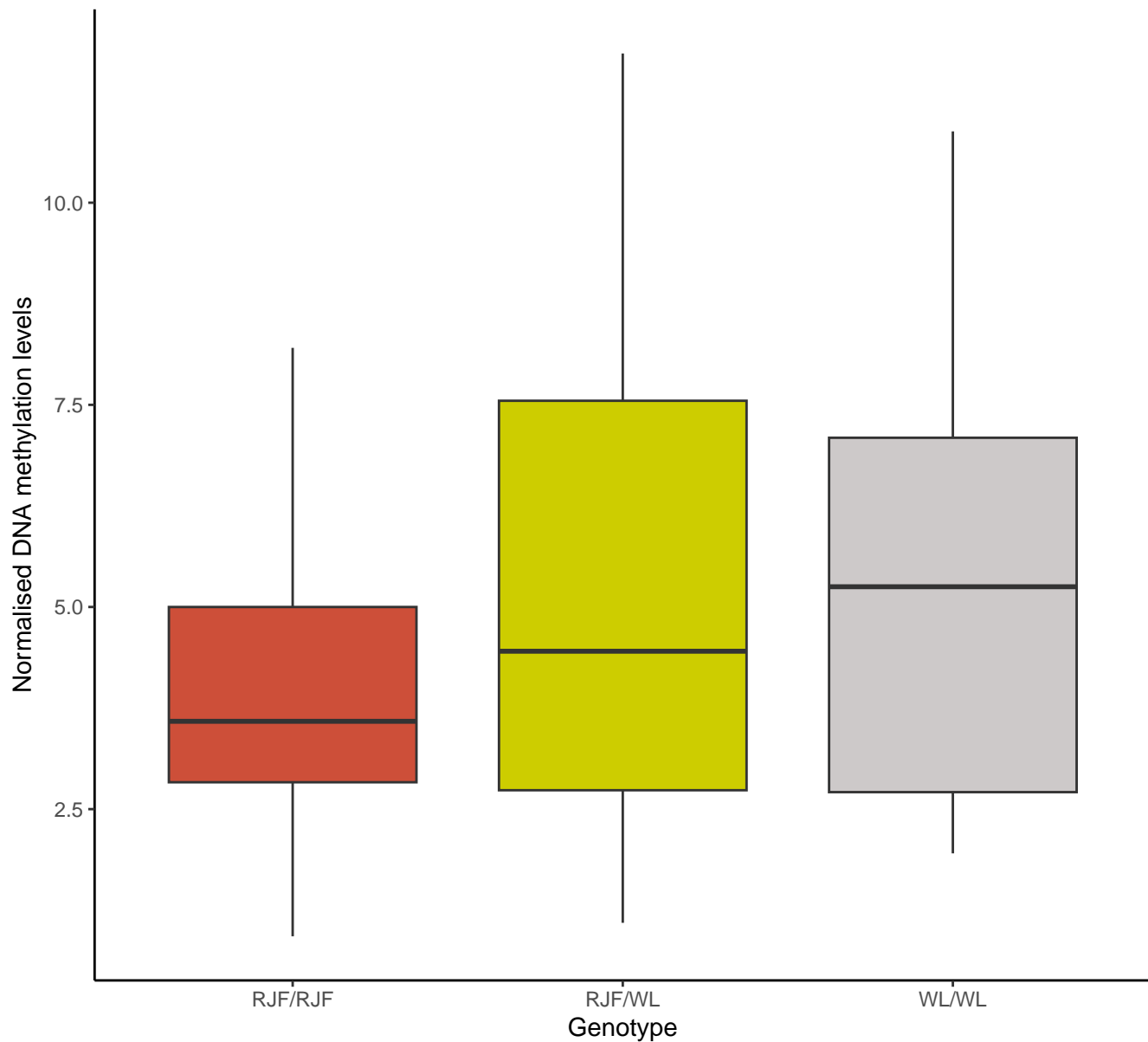
trans mQTL | chr14@265.73cM | LOD: 7.15

Methbin: chrZ_47949000 | marker:rbl1871

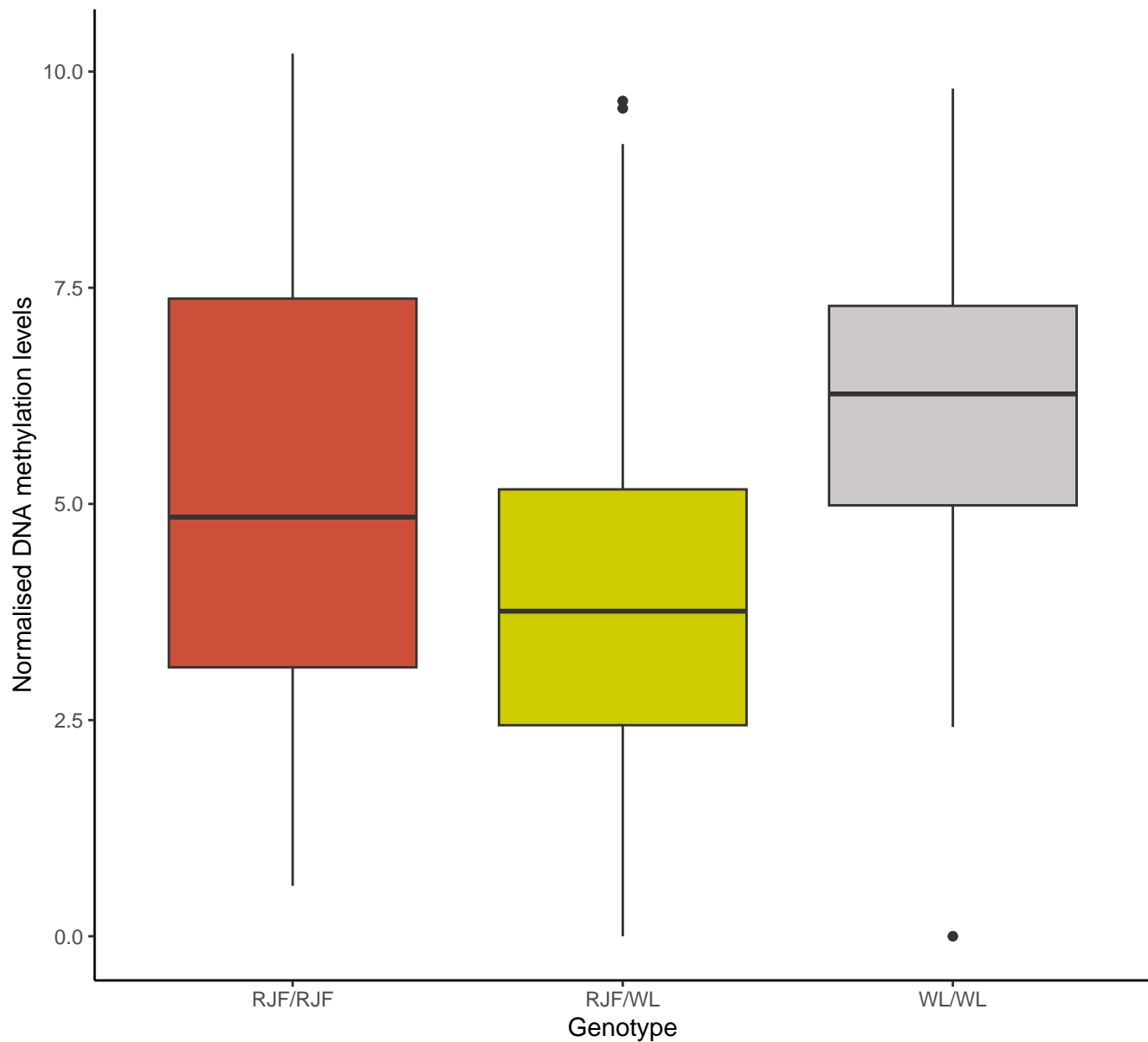
CI: chr14:241.01–265.73cM



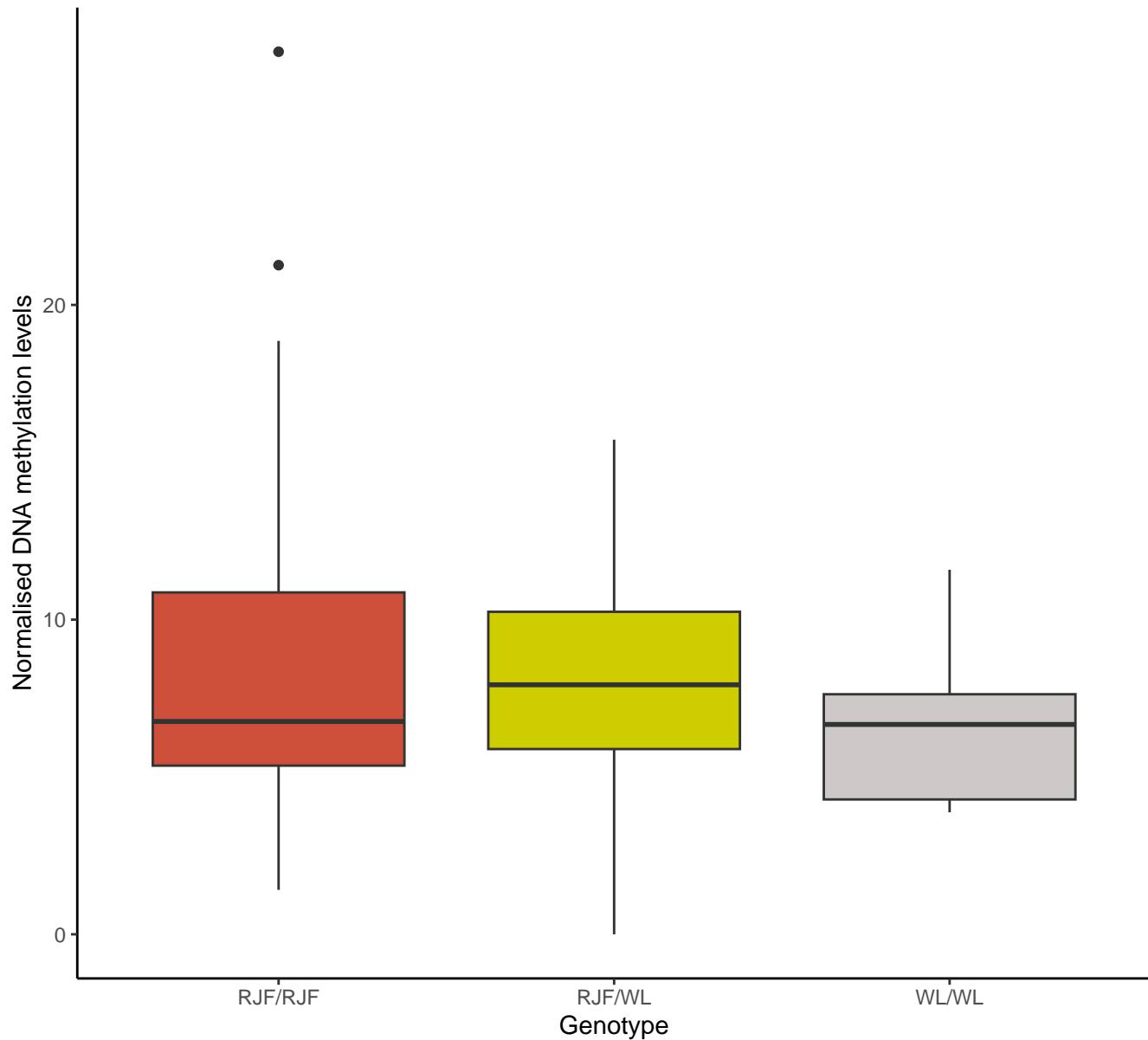
trans mQTL | chr14@265.73cM | LOD: 7.13
Methbin: chrZ_48058000 | marker:rb11871
CI: chr14:241.01–265.73cM



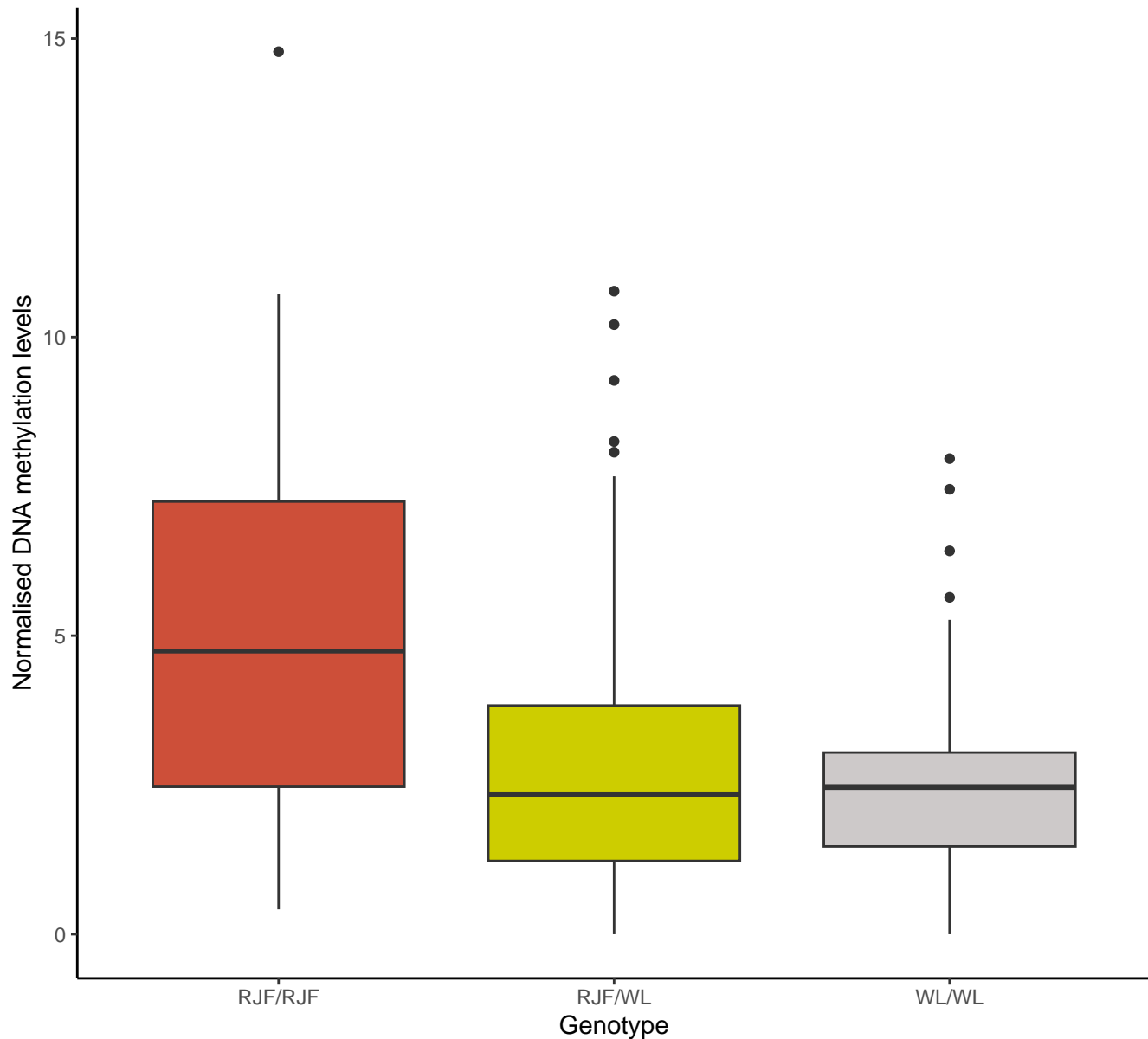
trans mQTL | chr1@1410.84cM | LOD: 6.42
Methbin: chrZ_48074000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



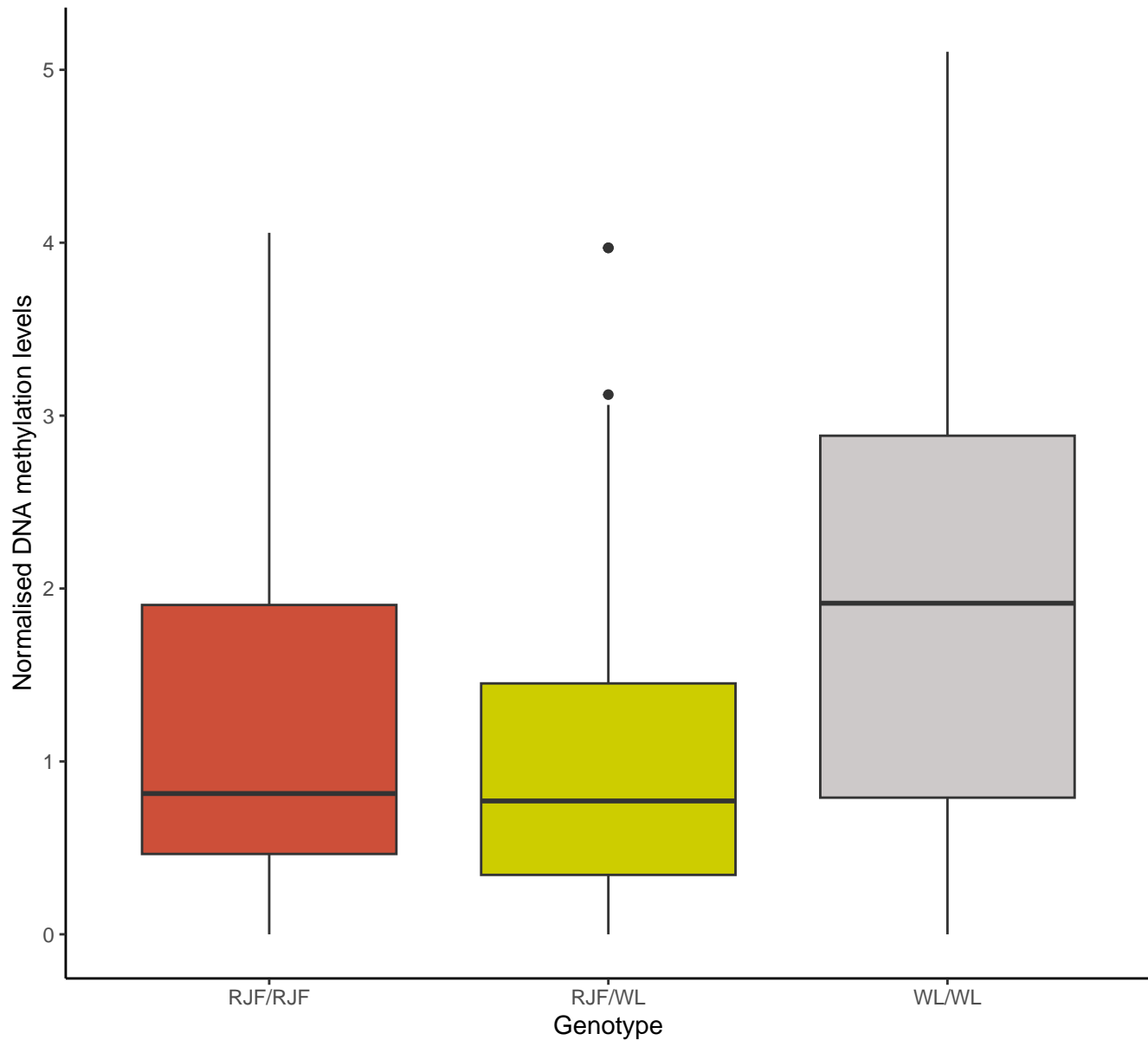
trans mQTL | chr9@117.55cM | LOD: 6.16
Methbin: chrZ_48127000 | marker:Gg_rs15973318
CI: chr9:105.32–120.42cM



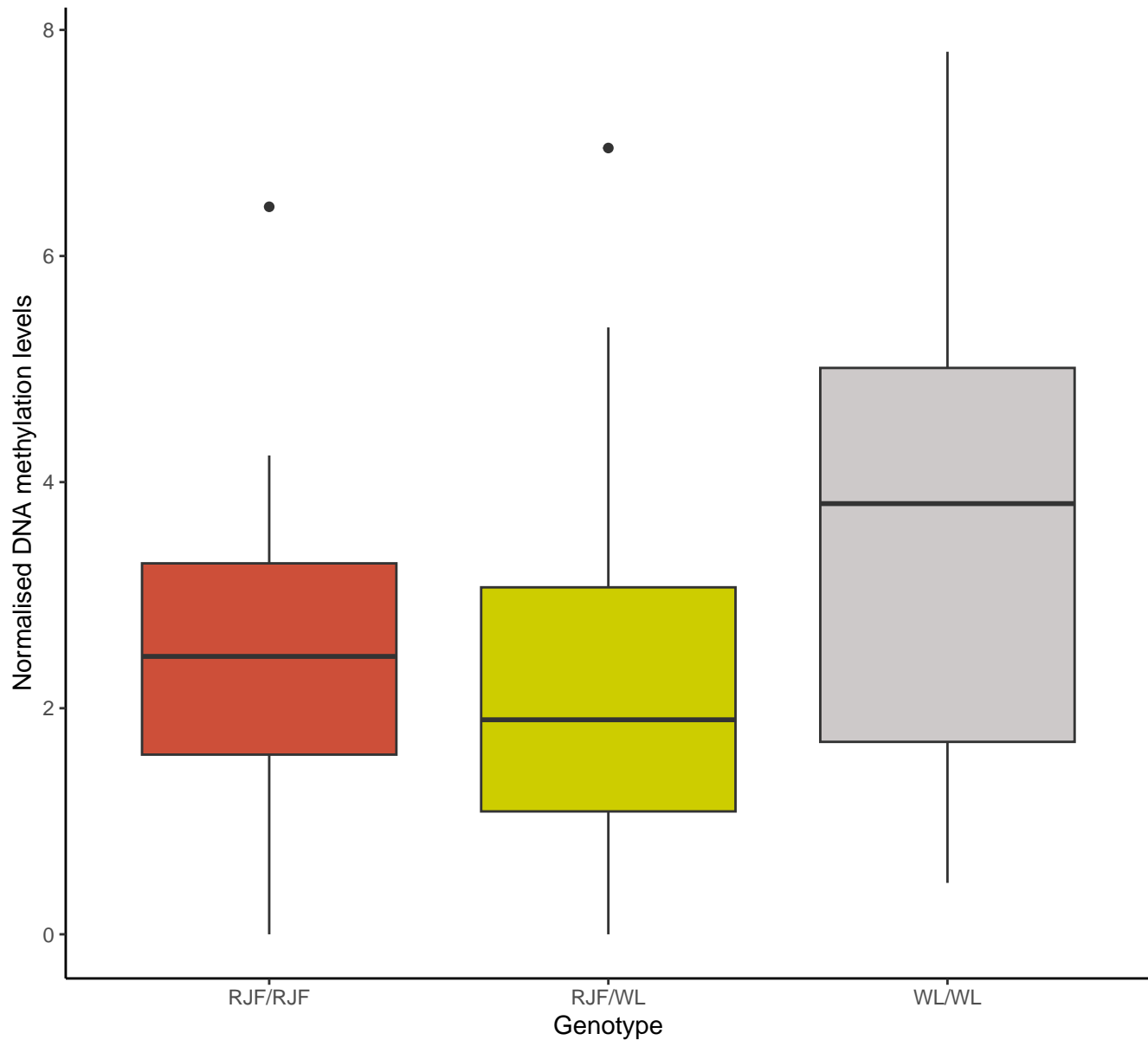
trans mQTL | chr12@57.81cM | LOD: 5.95
Methbin: chrZ_48658000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



trans mQTL | chr23@154.94cM | LOD: 6.15
Methbin: chrZ_48686000 | marker:Gg_rs15205981
CI: chr23:122.12–154.94cM



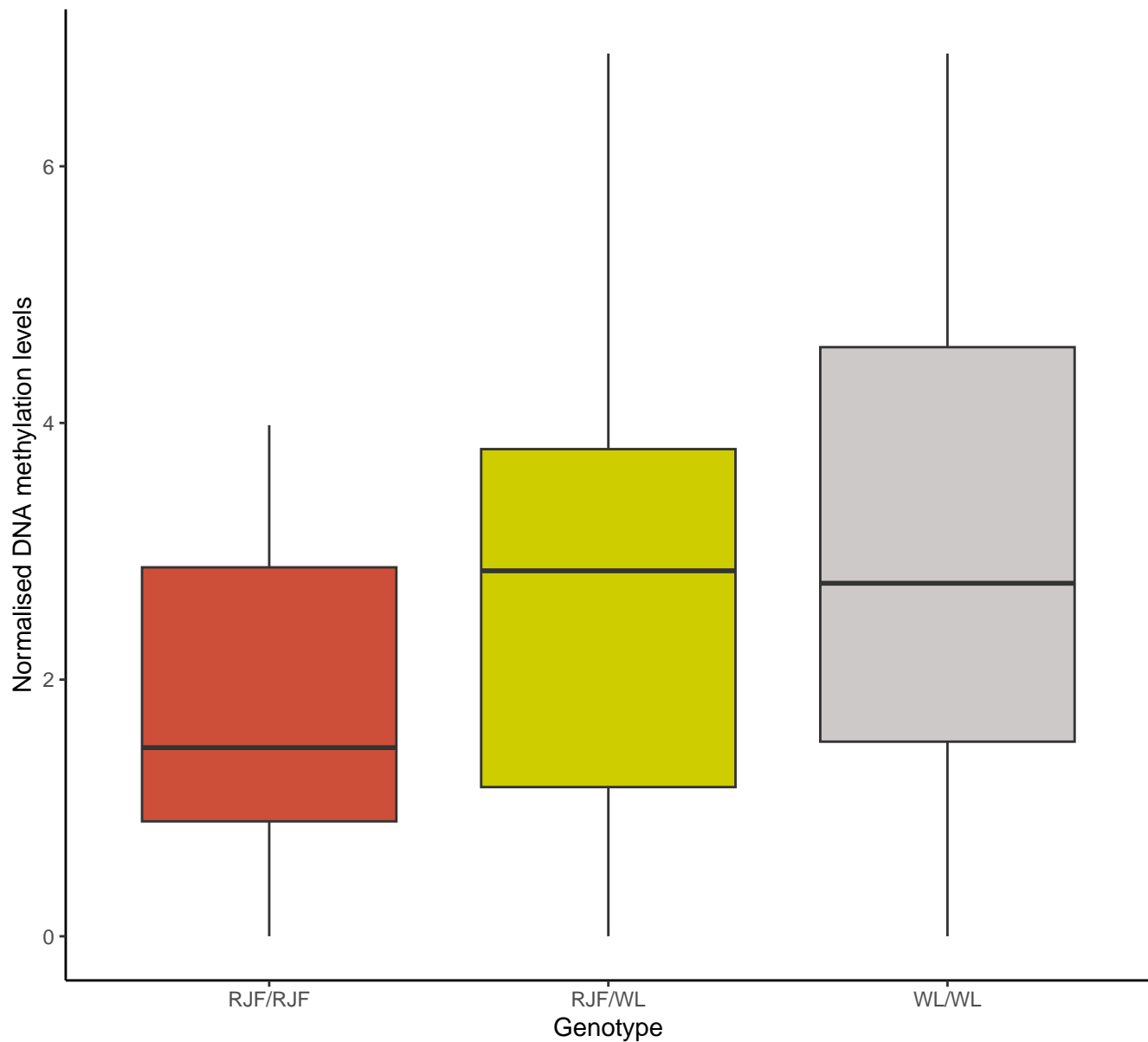
trans mQTL | chr6@106cM | LOD: 6.3
Methbin: chrZ_48698000 | marker:Gg_rs14568888
CI: chr6:86.33–126.7cM



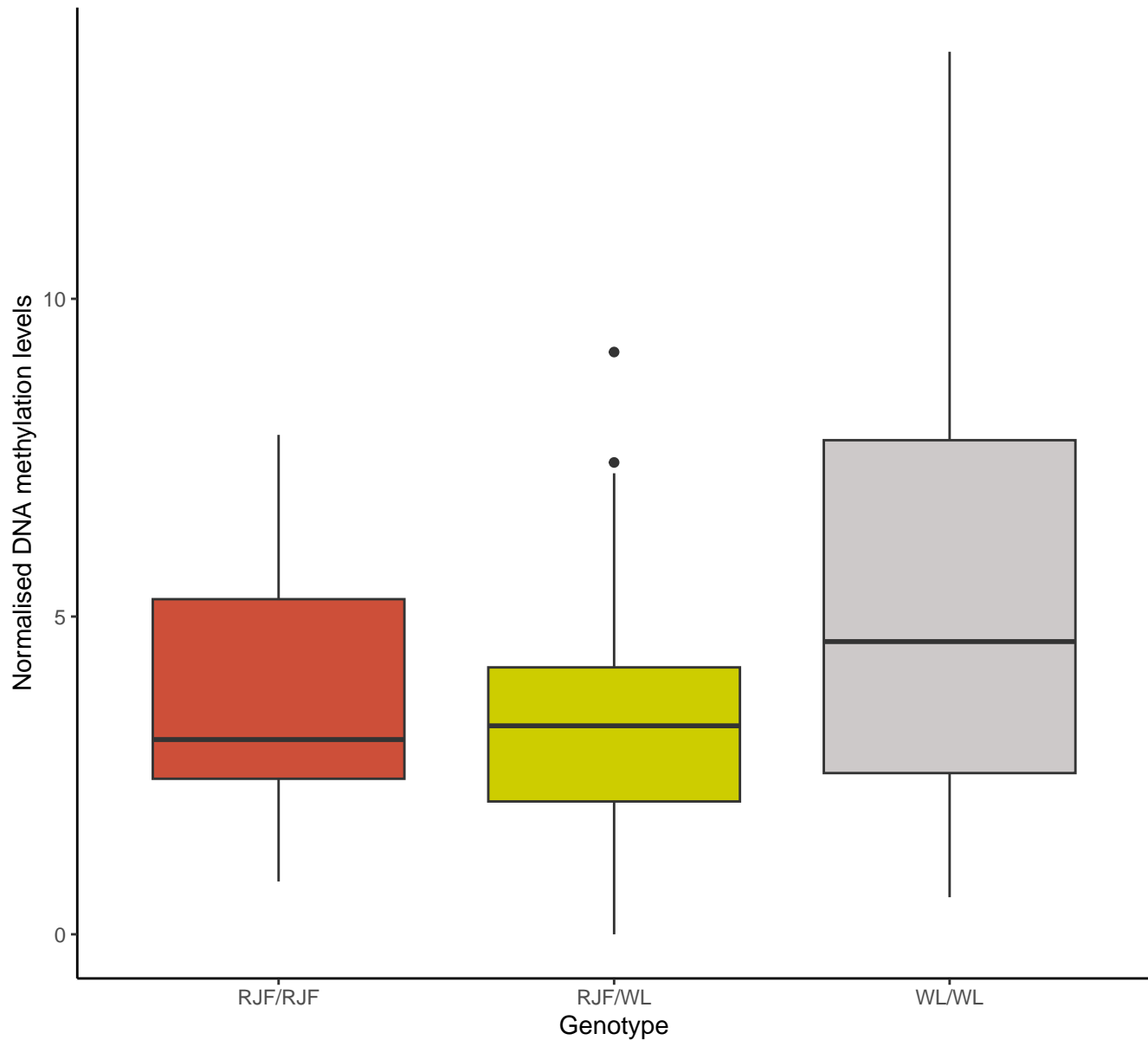
trans mQTL | chr14@265.73cM | LOD: 10.13

Methbin: chrZ_48853000 | marker:rb1871

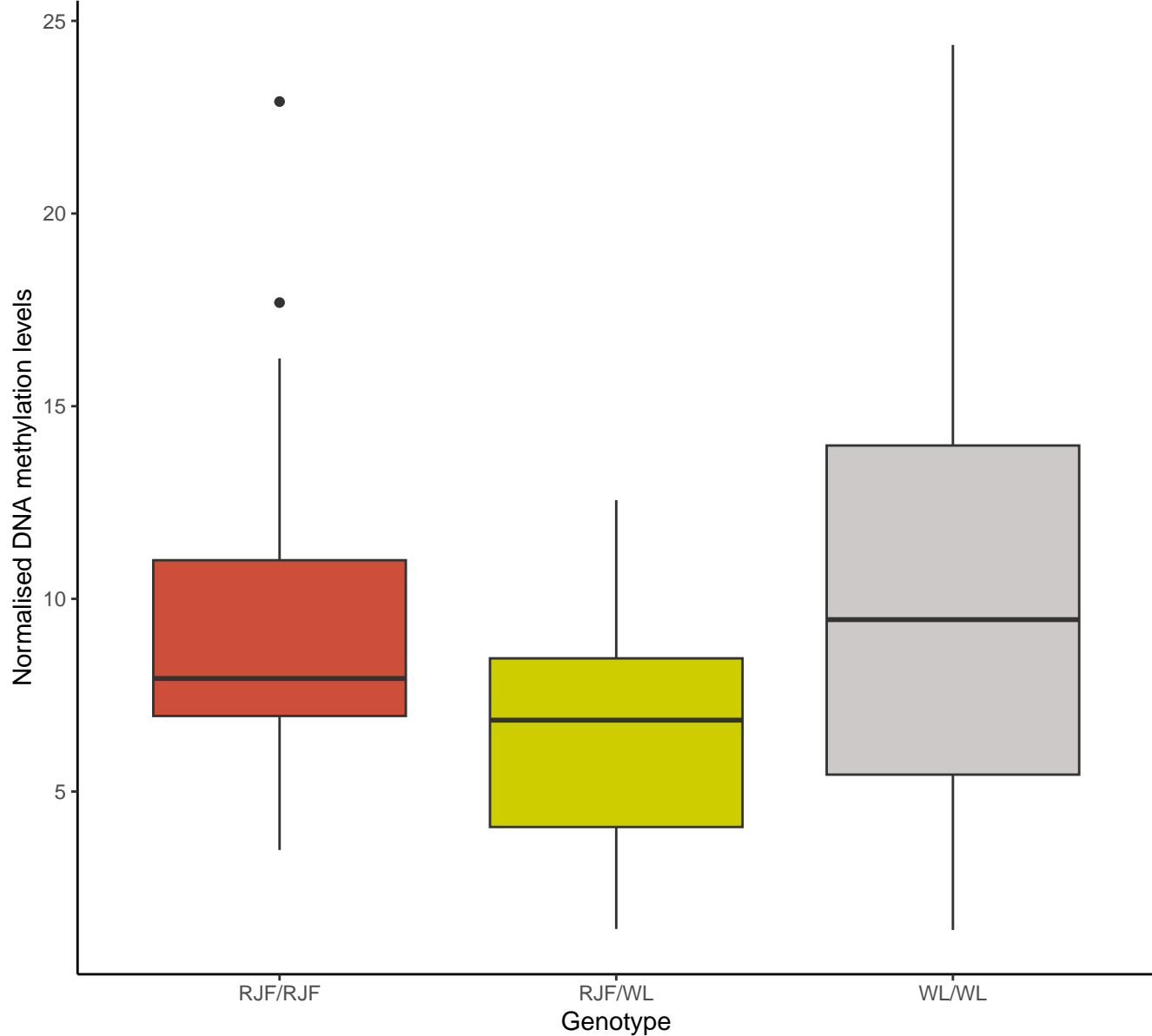
CI: chr14:241.01–265.73cM



trans mQTL | chr2@98cM | LOD: 6.06
Methbin: chrZ_48878000 | marker:Gg_rs15060526
CI: chr2:90.91–145.68cM



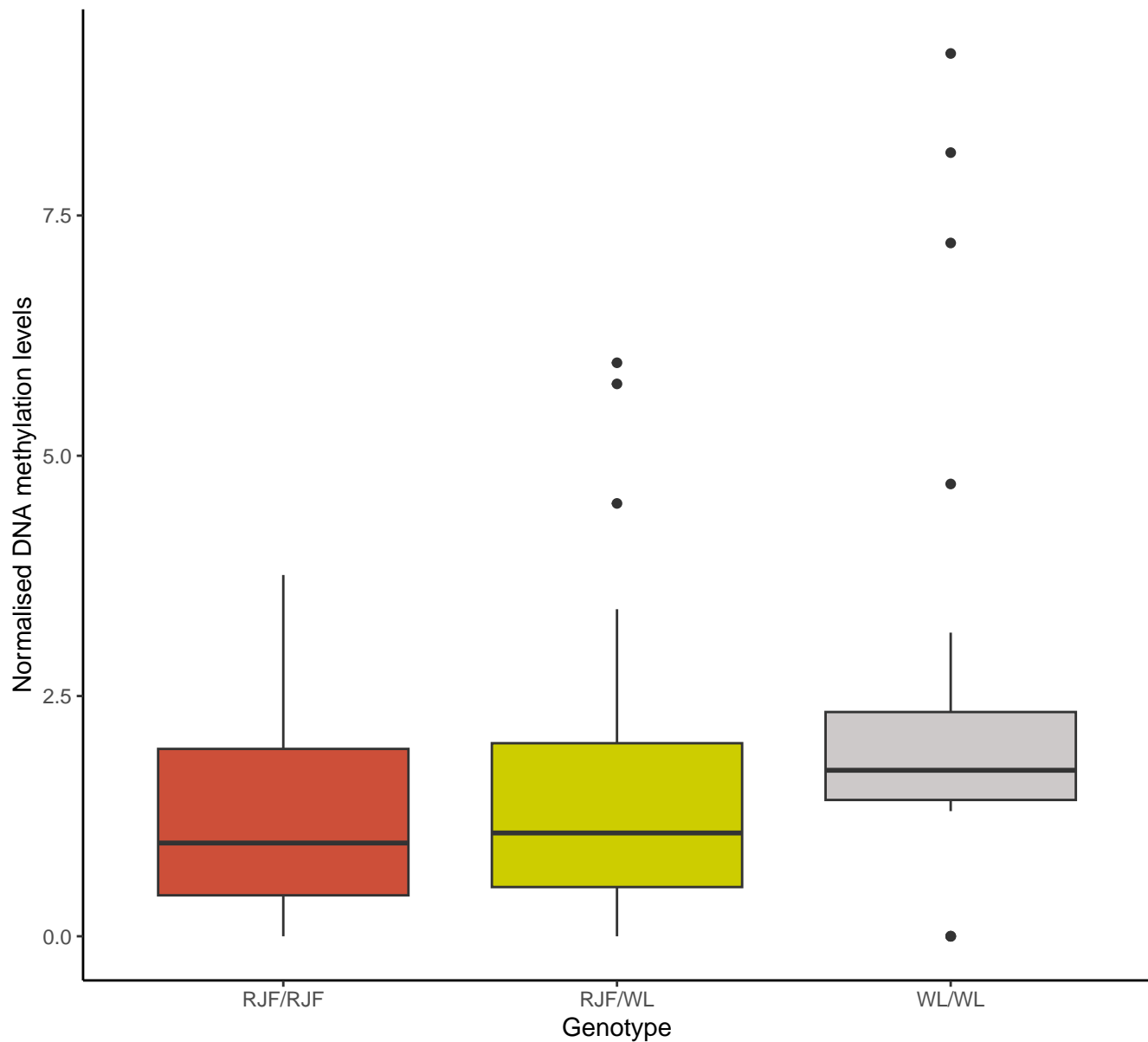
trans mQTL | chr1@281.94cM | LOD: 7.69
Methbin: chrZ_48918000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



trans mQTL | chr14@265.73cM | LOD: 6.58

Methbin: chrZ_49059000 | marker:rb1871

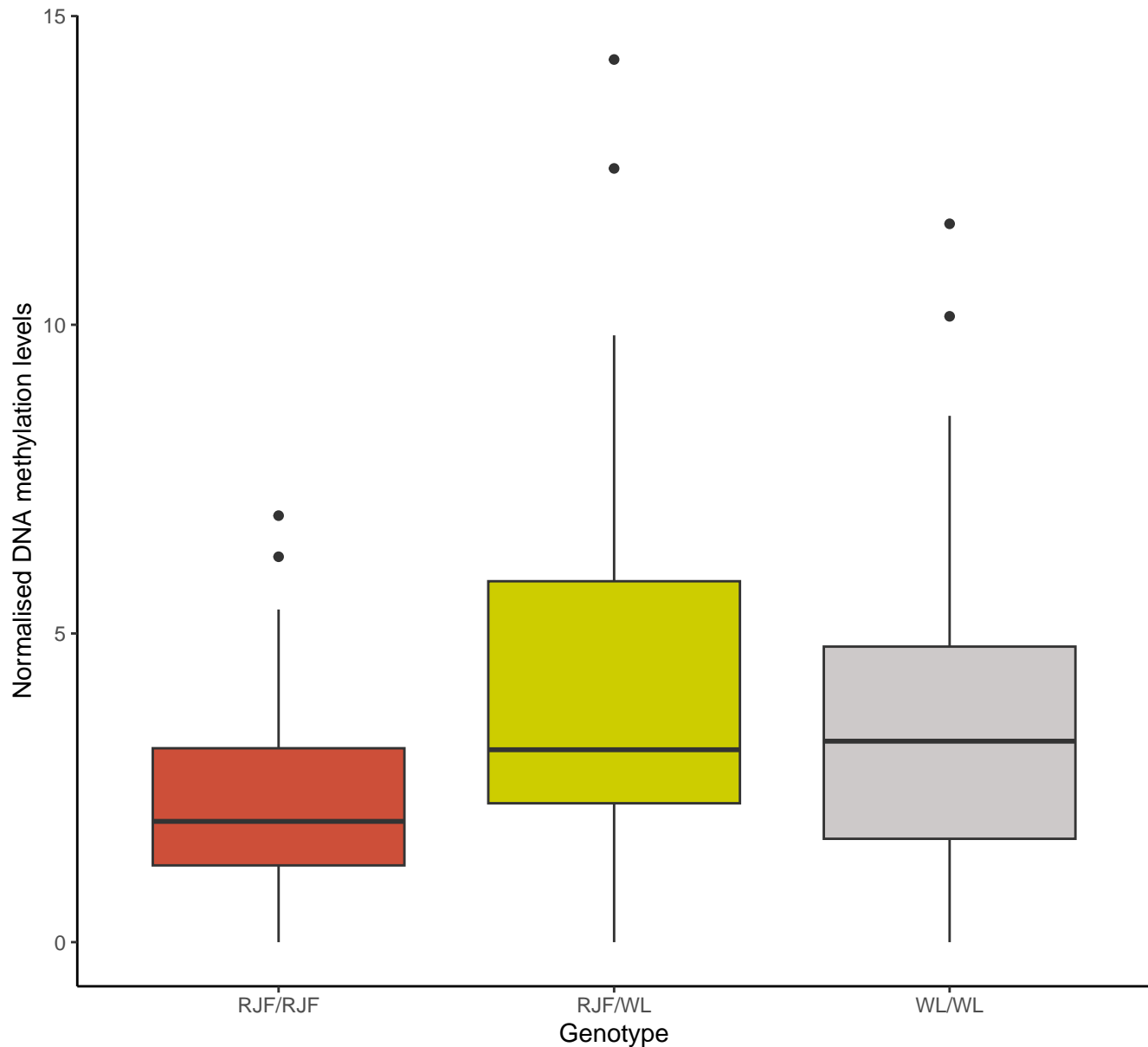
CI: chr14:241.01–265.73cM



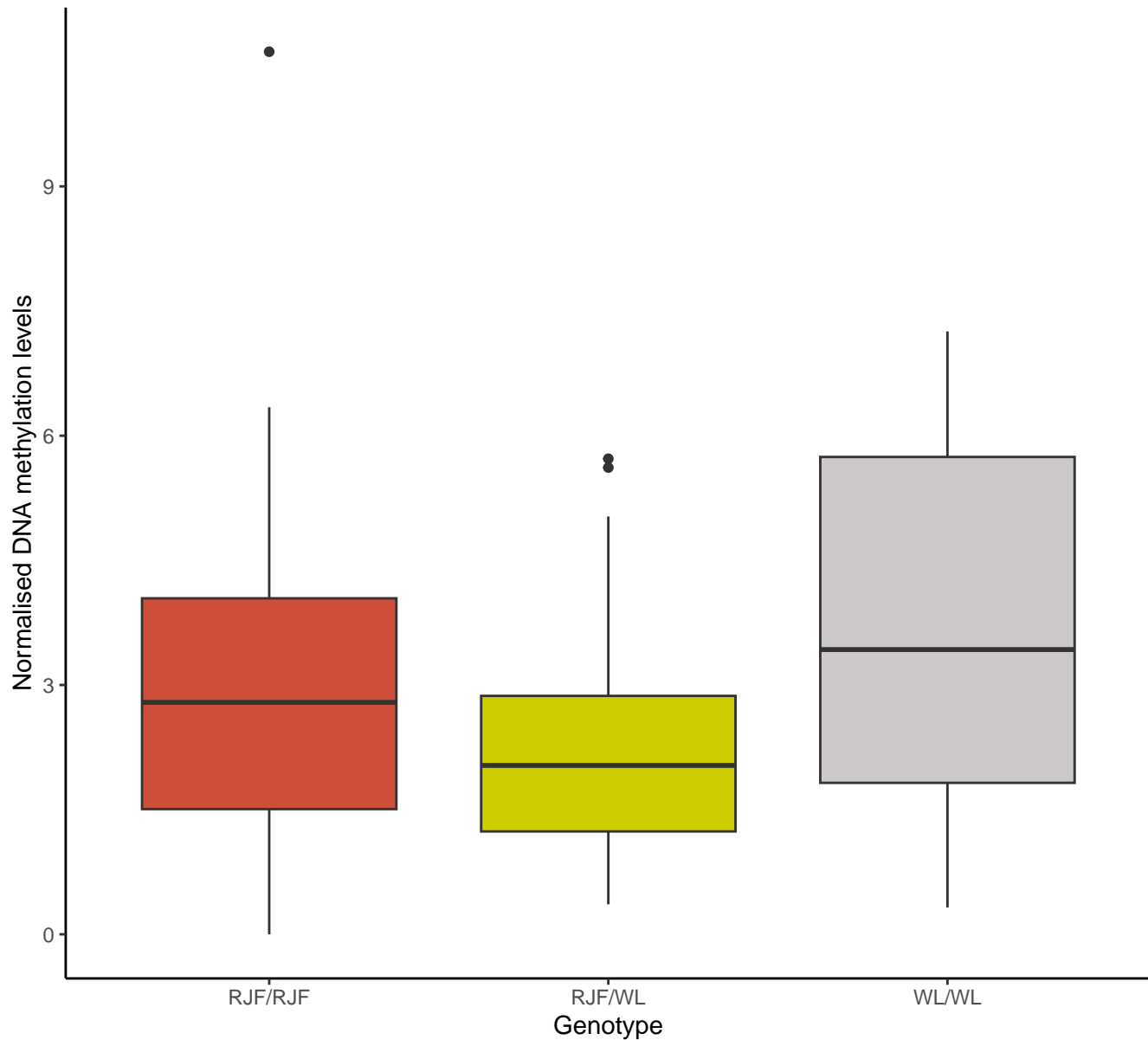
trans mQTL | chr14@265.73cM | LOD: 6.58

Methbin: chrZ_49097000 | marker:rb11871

CI: chr14:241.01–265.73cM



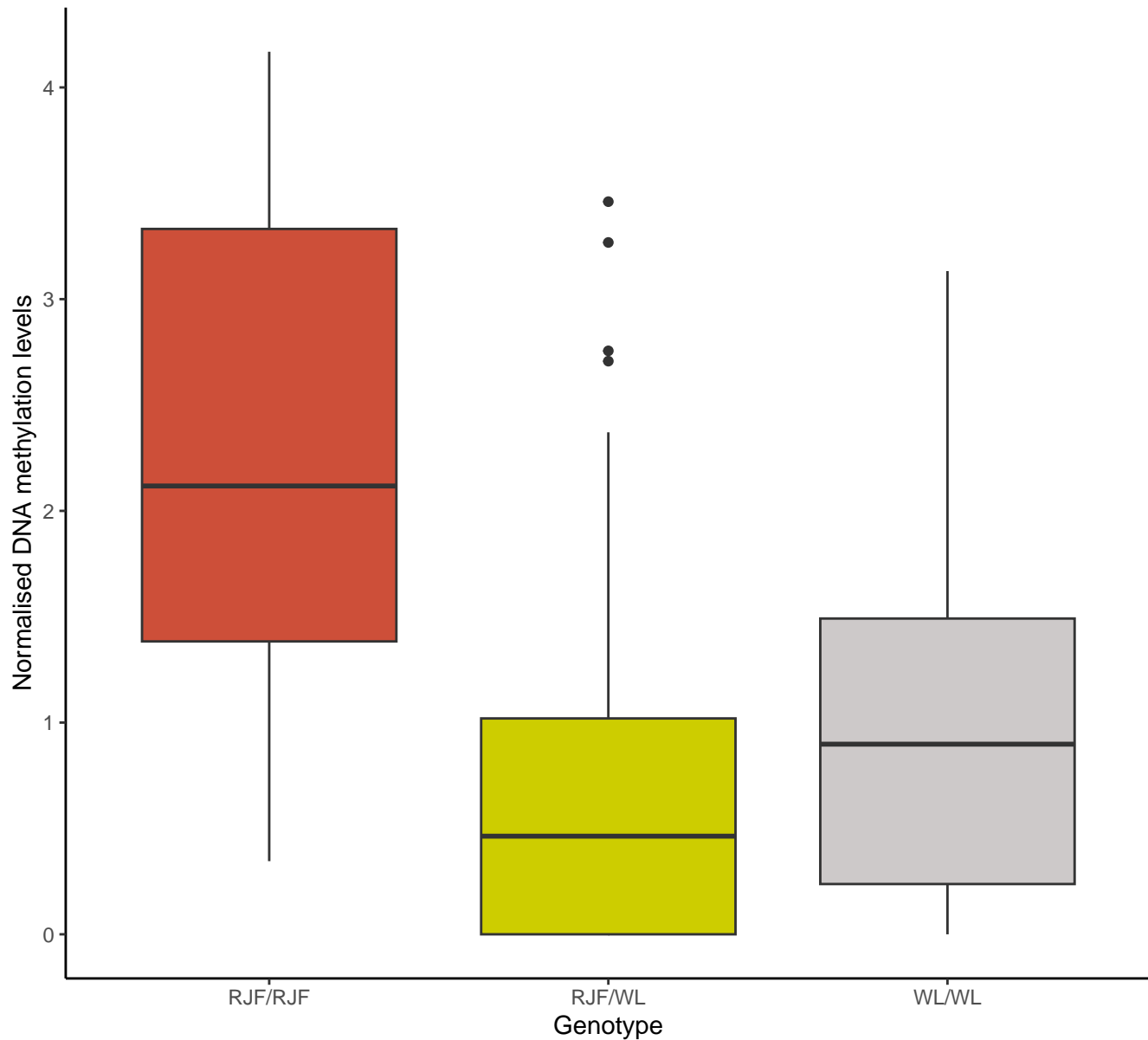
trans mQTL | chr23@154.94cM | LOD: 6.19
Methbin: chrZ_49272000 | marker:Gg_rs15205981
CI: chr23:122.12–154.94cM



trans mQTL | chr5@182.4cM | LOD: 6.21

Methbin: chrZ_49326000 | marker:Gg_rs15679503

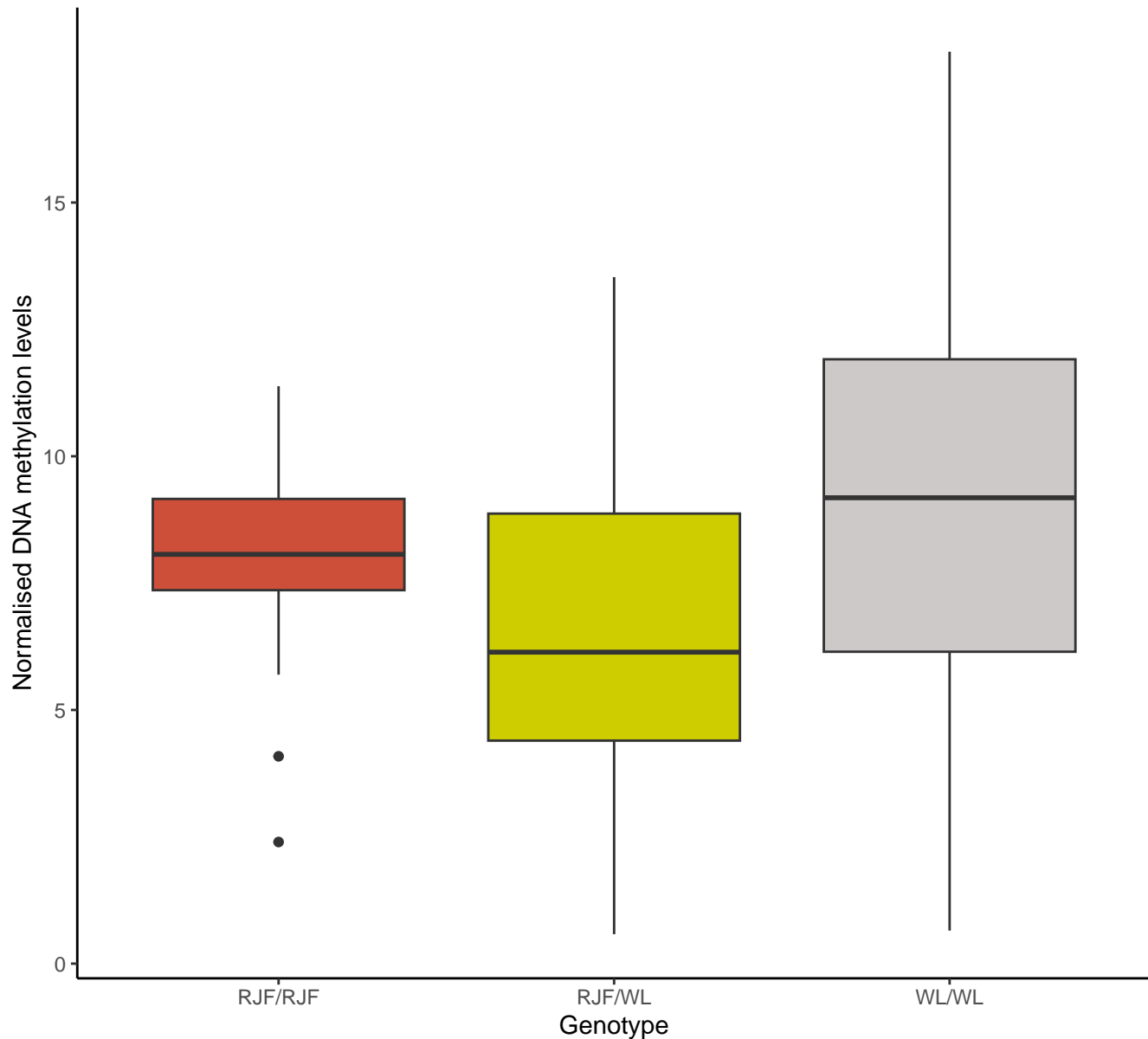
CI: chr5:131.24–200.39cM



trans mQTL | chr2@98.38cM | LOD: 6.32

Methbin: chrZ_49665000 | marker:Gg_rs15060526

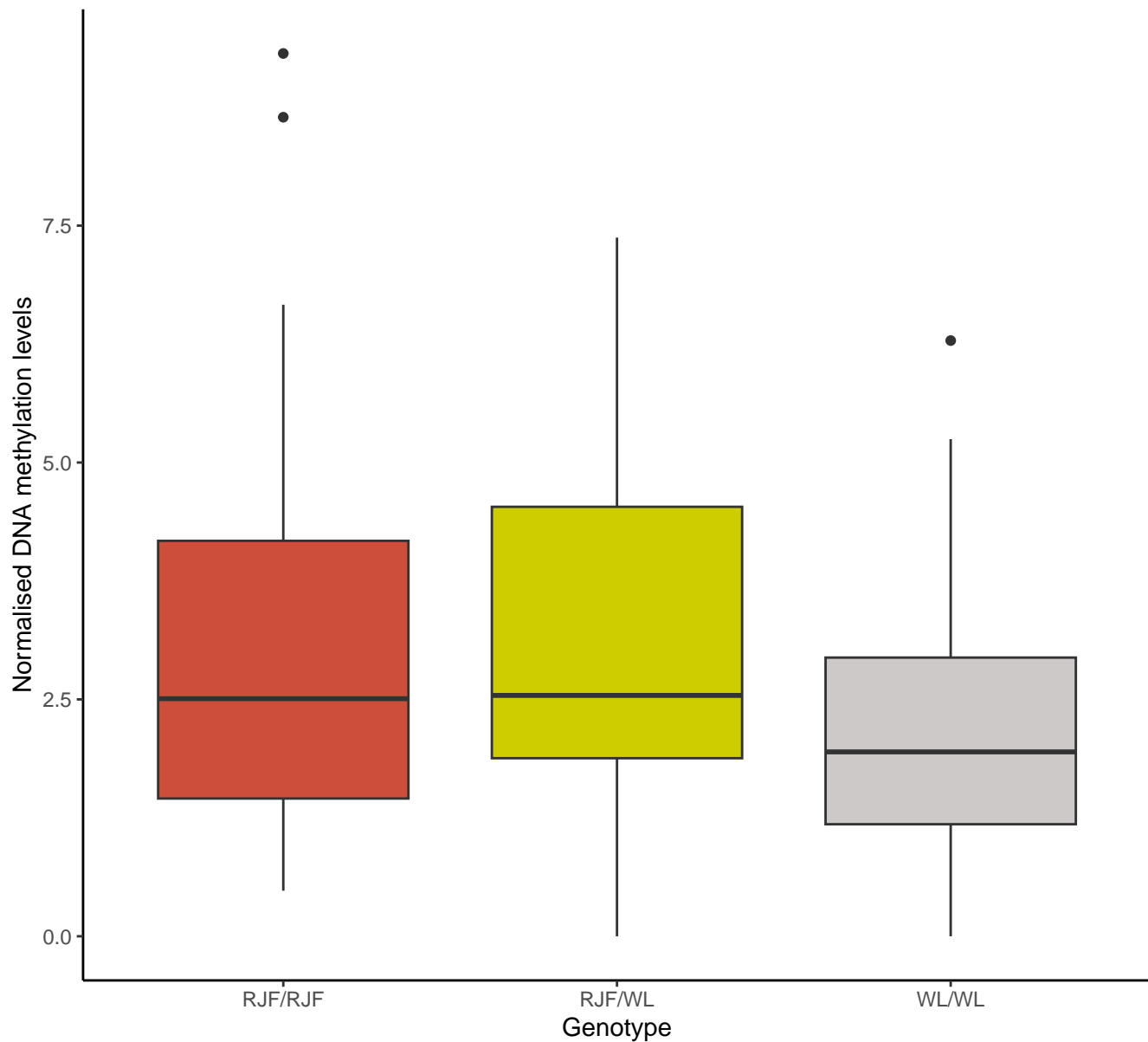
CI: chr2:90.91–145.68cM



trans mQTL | chr1@1809.72cM | LOD: 5.99

Methbin: chrZ_49820000 | marker:Gg_rs14895423

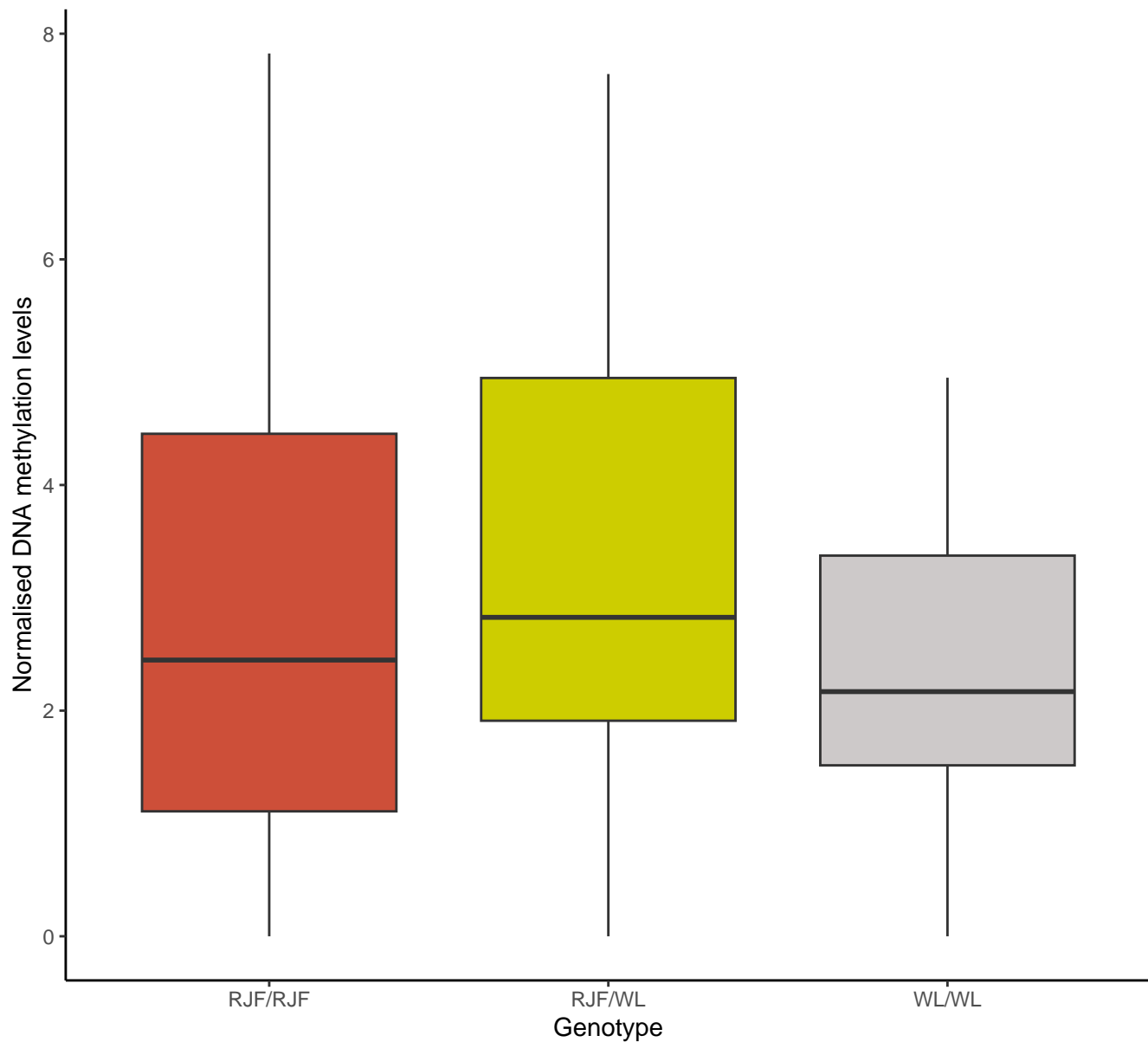
CI: chr1:1775.49–1842.69cM



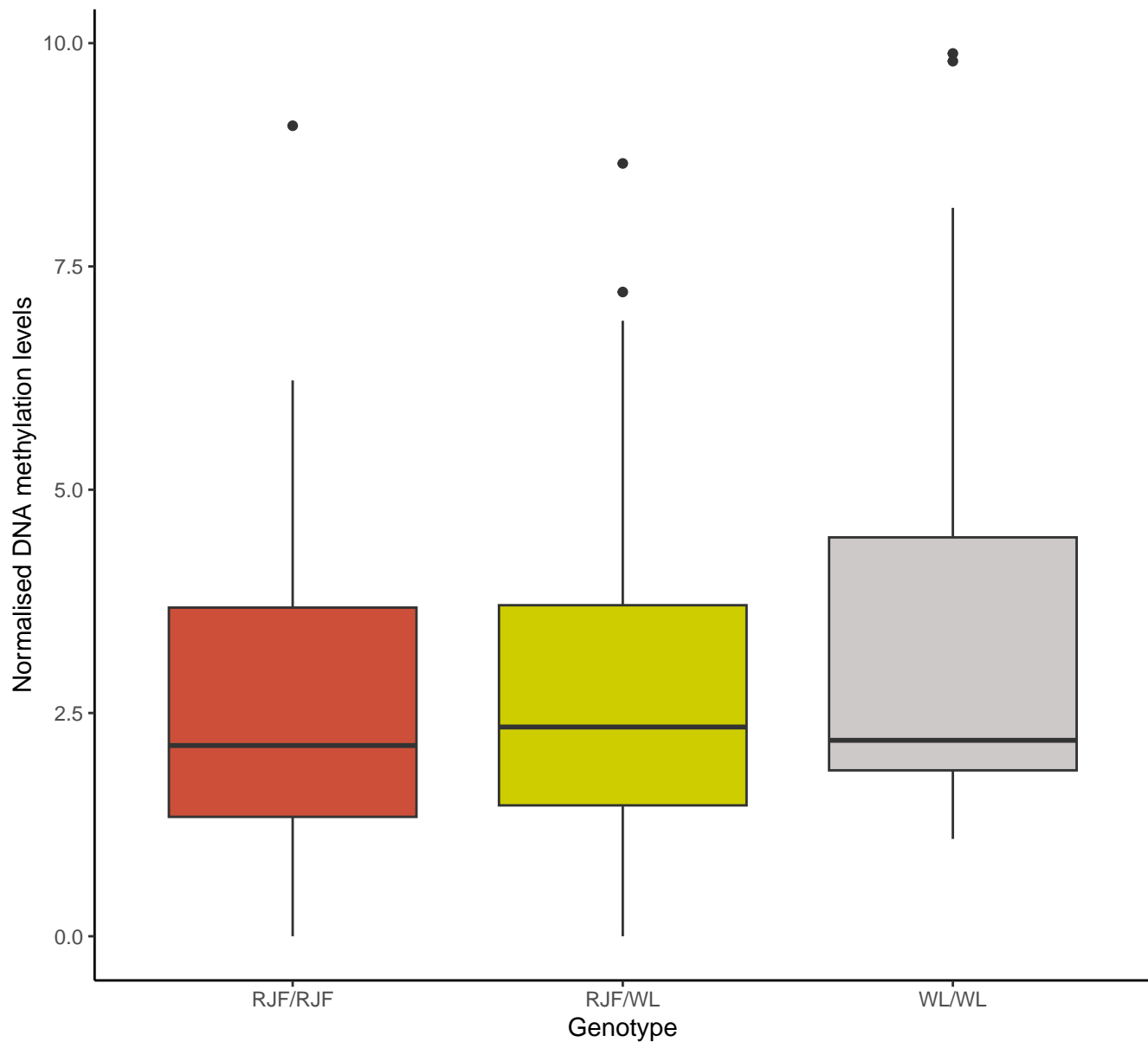
trans mQTL | chr26@11.02cM | LOD: 6.53

Methbin: chrZ_49868000 | marker:Gg_rs15466096

CI: chr26:4.21–16.83cM



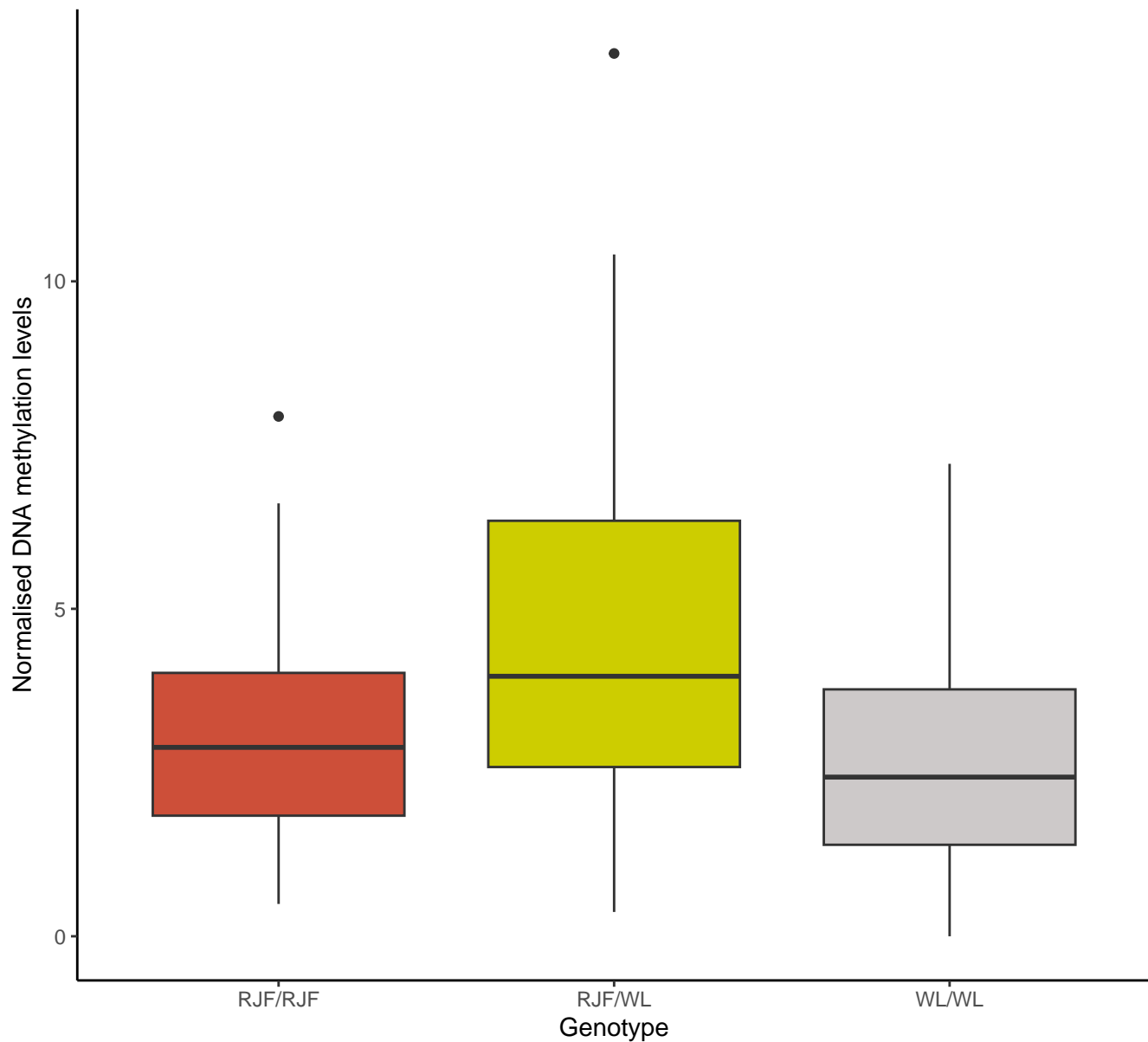
trans mQTL | chr4@0cM | LOD: 6.38
Methbin: chrZ_50453000 | marker:X4_1267185
CI: chr4:0–10.25cM



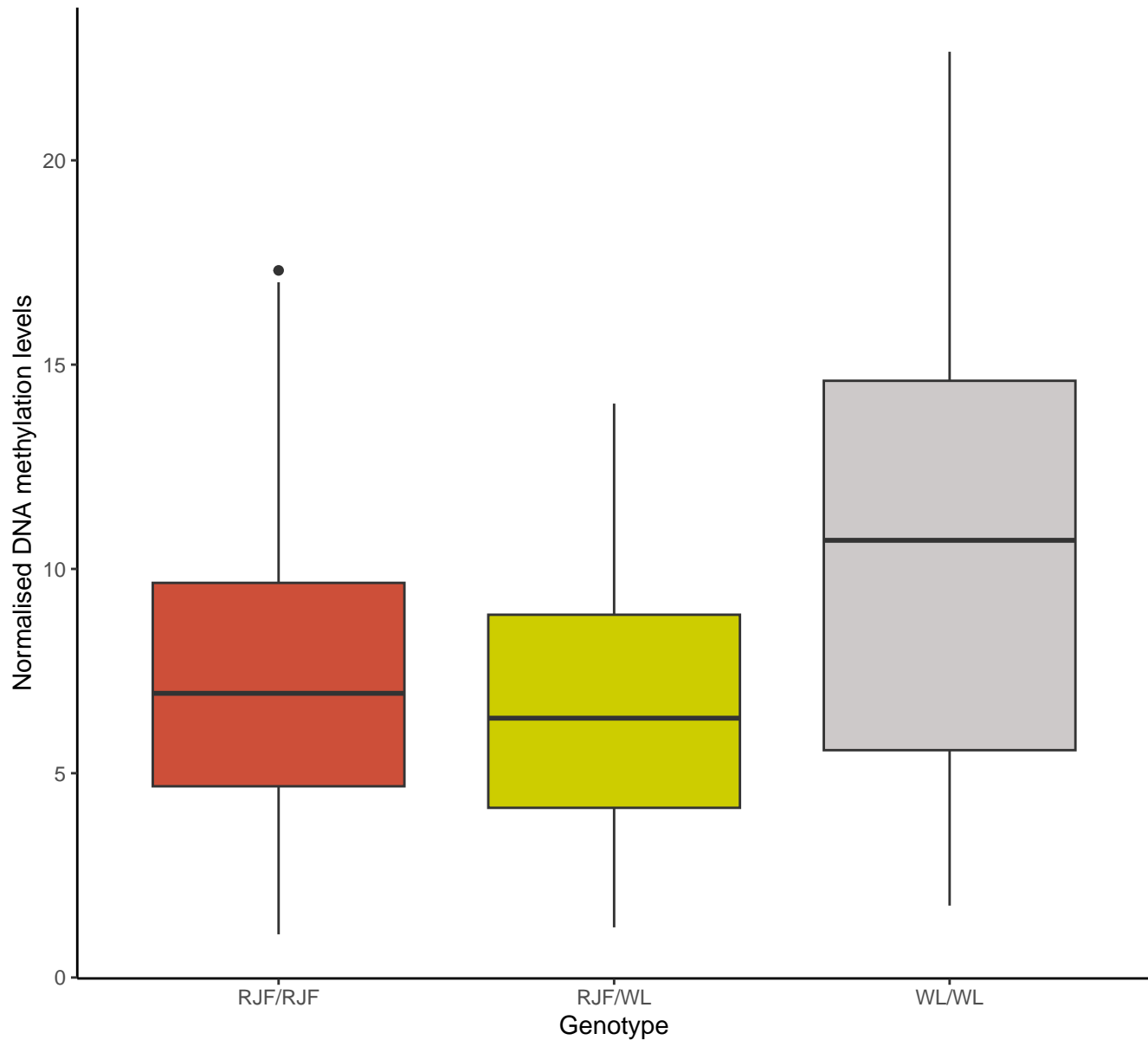
trans mQTL | chr5@95.63cM | LOD: 6.09

Methbin: chrZ_50602000 | marker:Gg_rs15666168

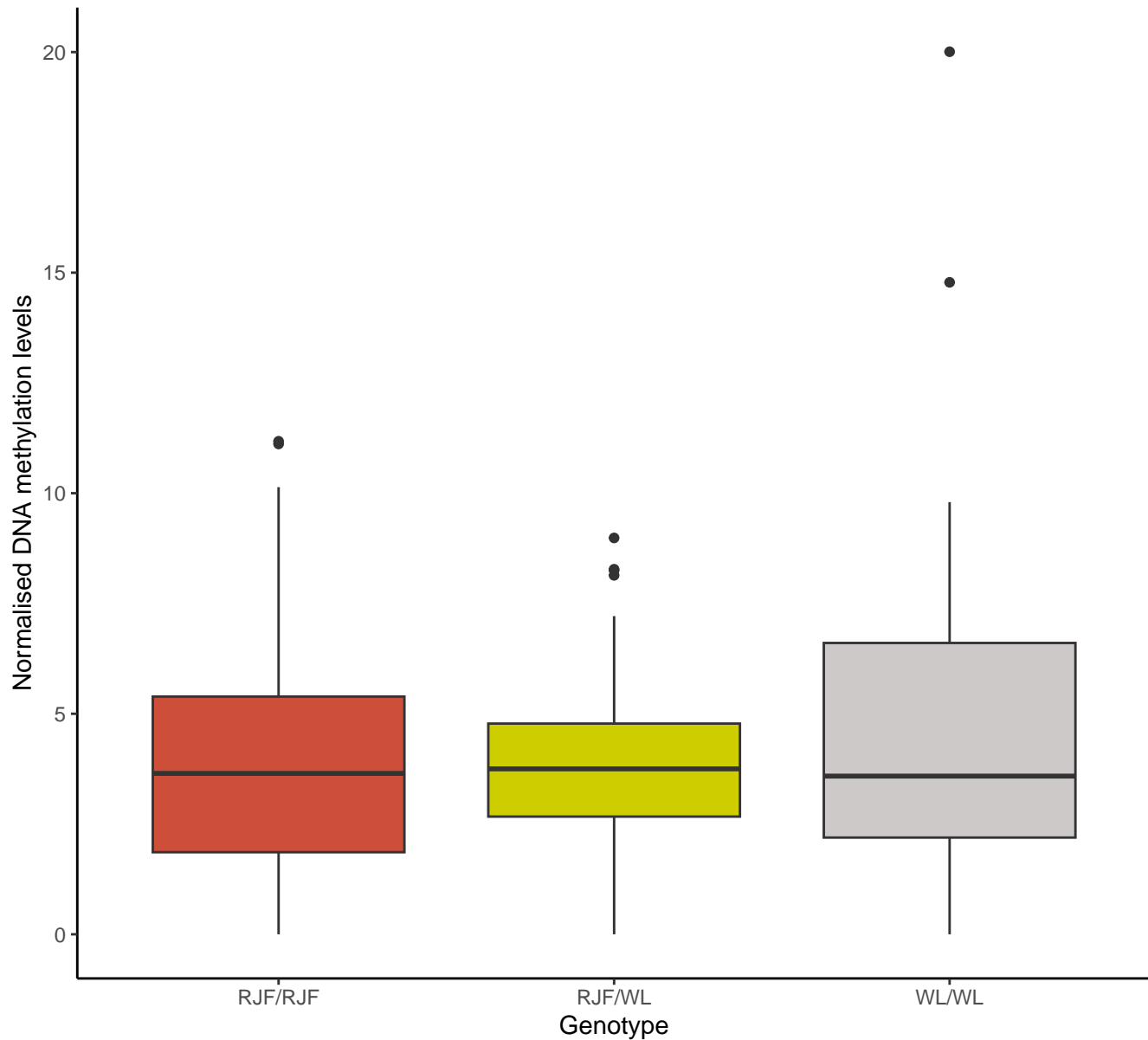
CI: chr5:92.14–131.24cM



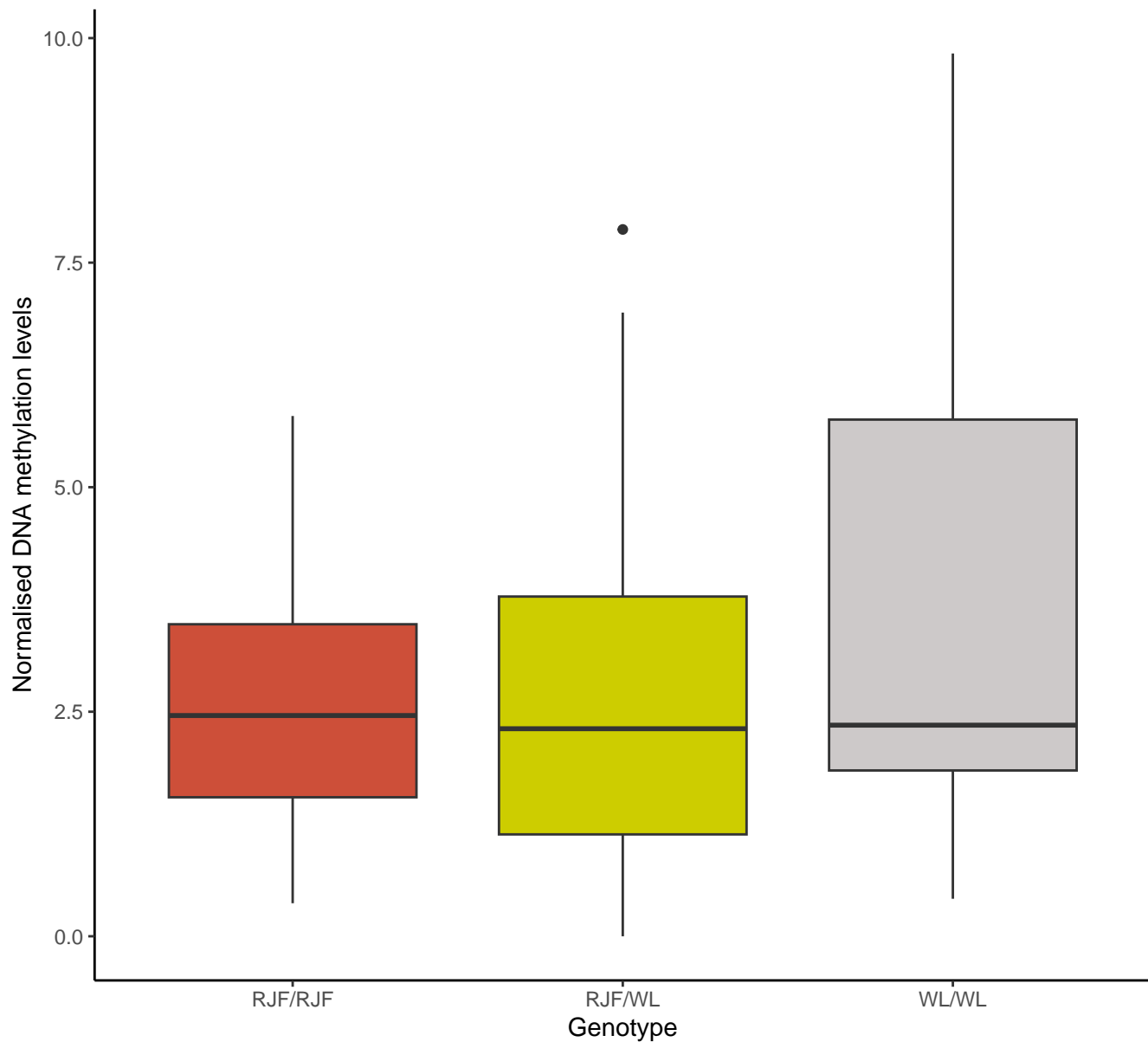
trans mQTL | chr24@0cM | LOD: 6.11
Methbin: chrZ_50675000 | marker:Gg_rs14292805
CI: chr24:0–60.71cM



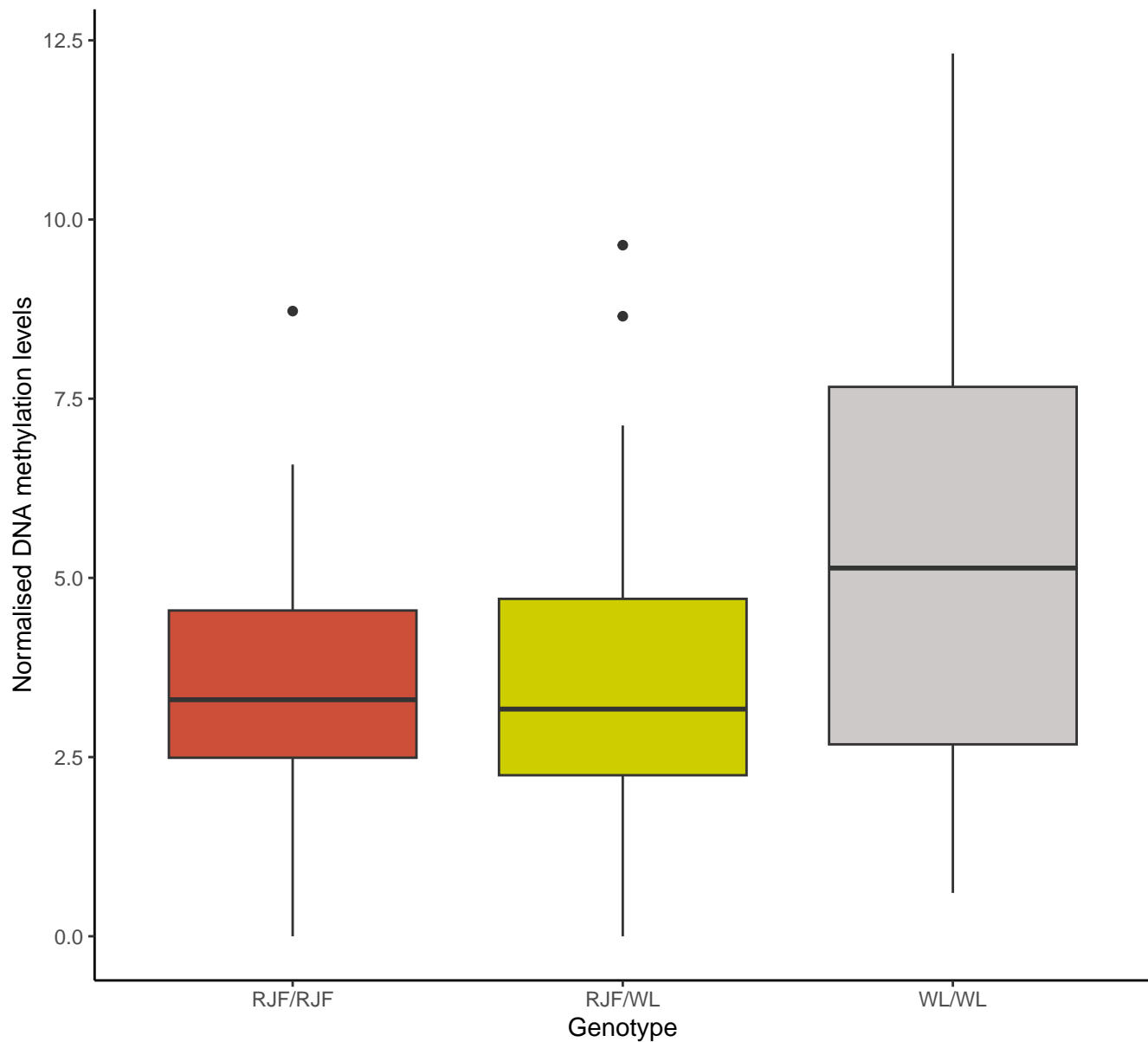
trans mQTL | chr4@0cM | LOD: 6.08
Methbin: chrZ_50946000 | marker:X4_1267185
CI: chr4:0–10.25cM



trans mQTL | chr4@0cM | LOD: 7.6
Methbin: chrZ_50996000 | marker:X4_1267185
CI: chr4:0–10.25cM



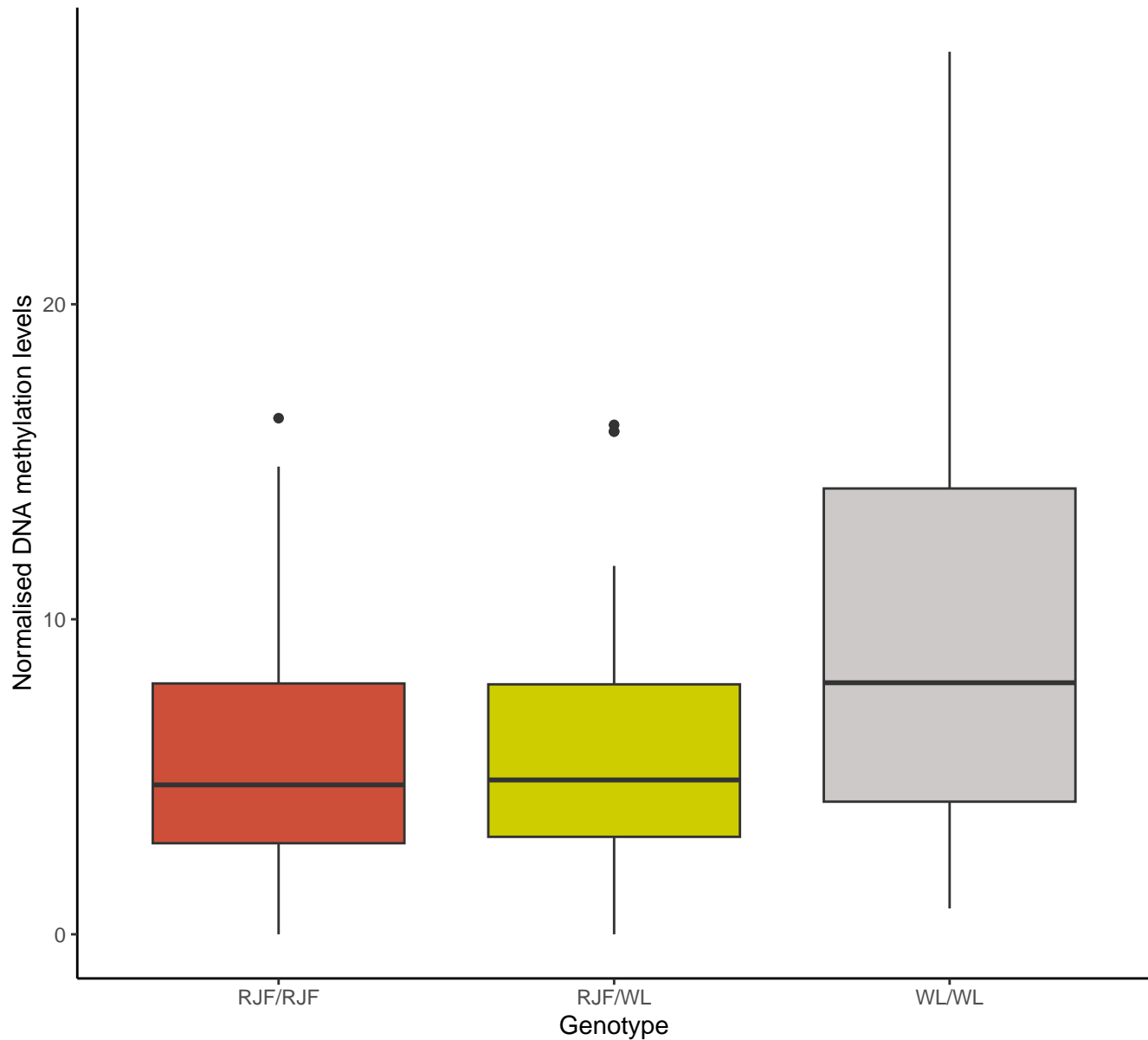
trans mQTL | chr11@0cM | LOD: 6.24
Methbin: chrZ_51096000 | marker:Gg_rs14957923
CI: chr11:0–16.53cM



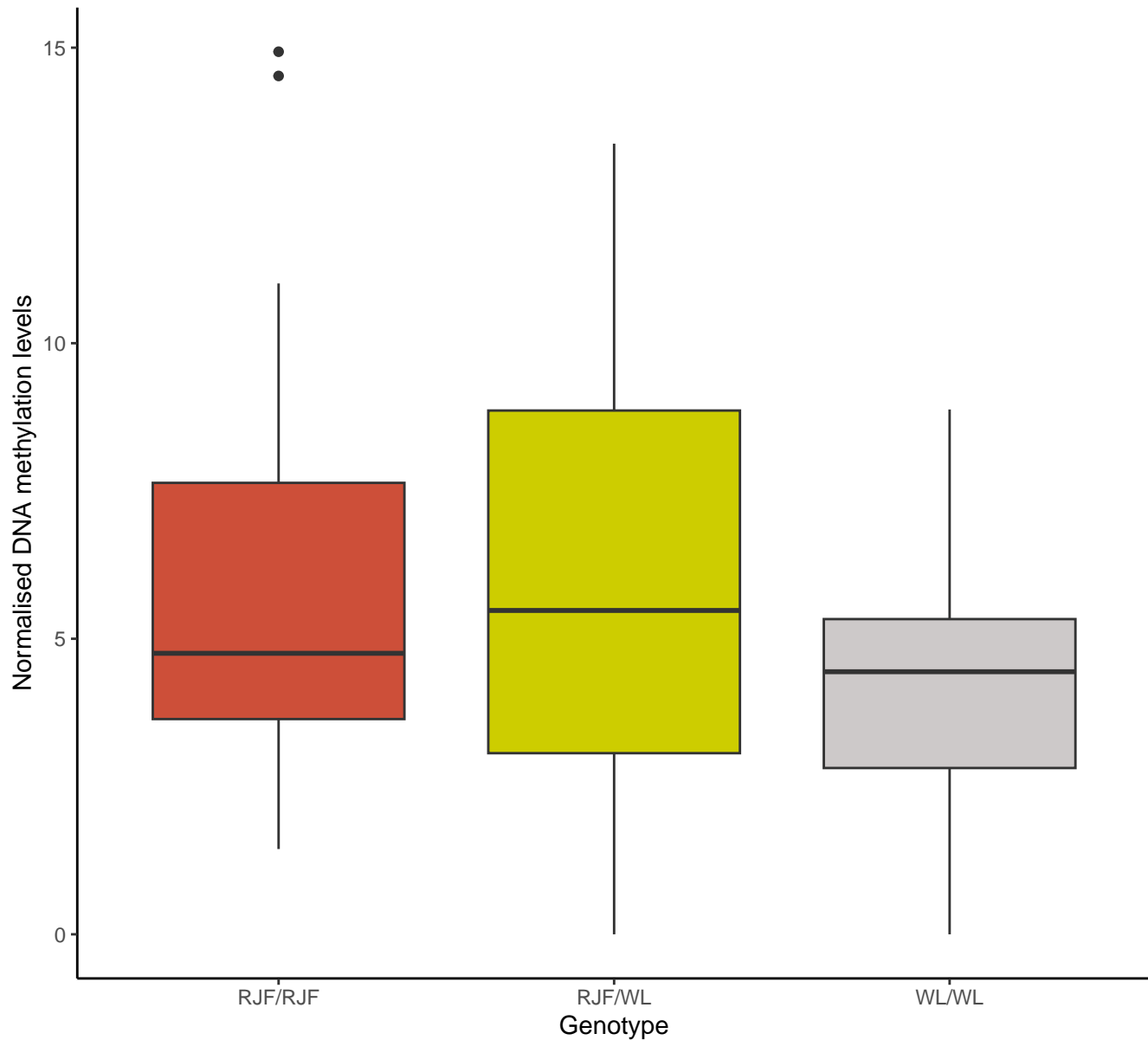
trans mQTL | chr3@219cM | LOD: 5.94

Methbin: chrZ_51147000 | marker:Gg_rs15282380

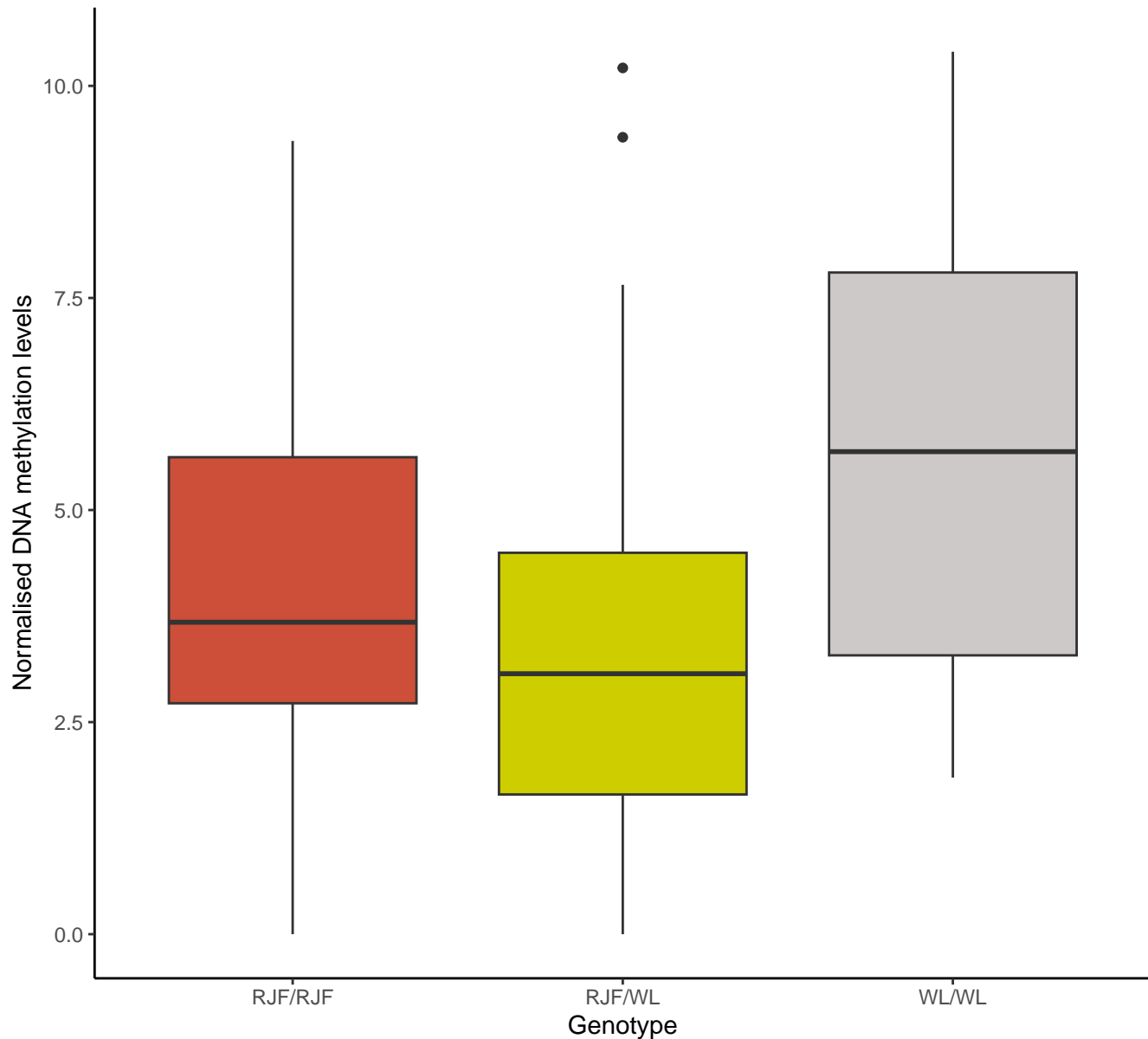
CI: chr3:181–270.84cM



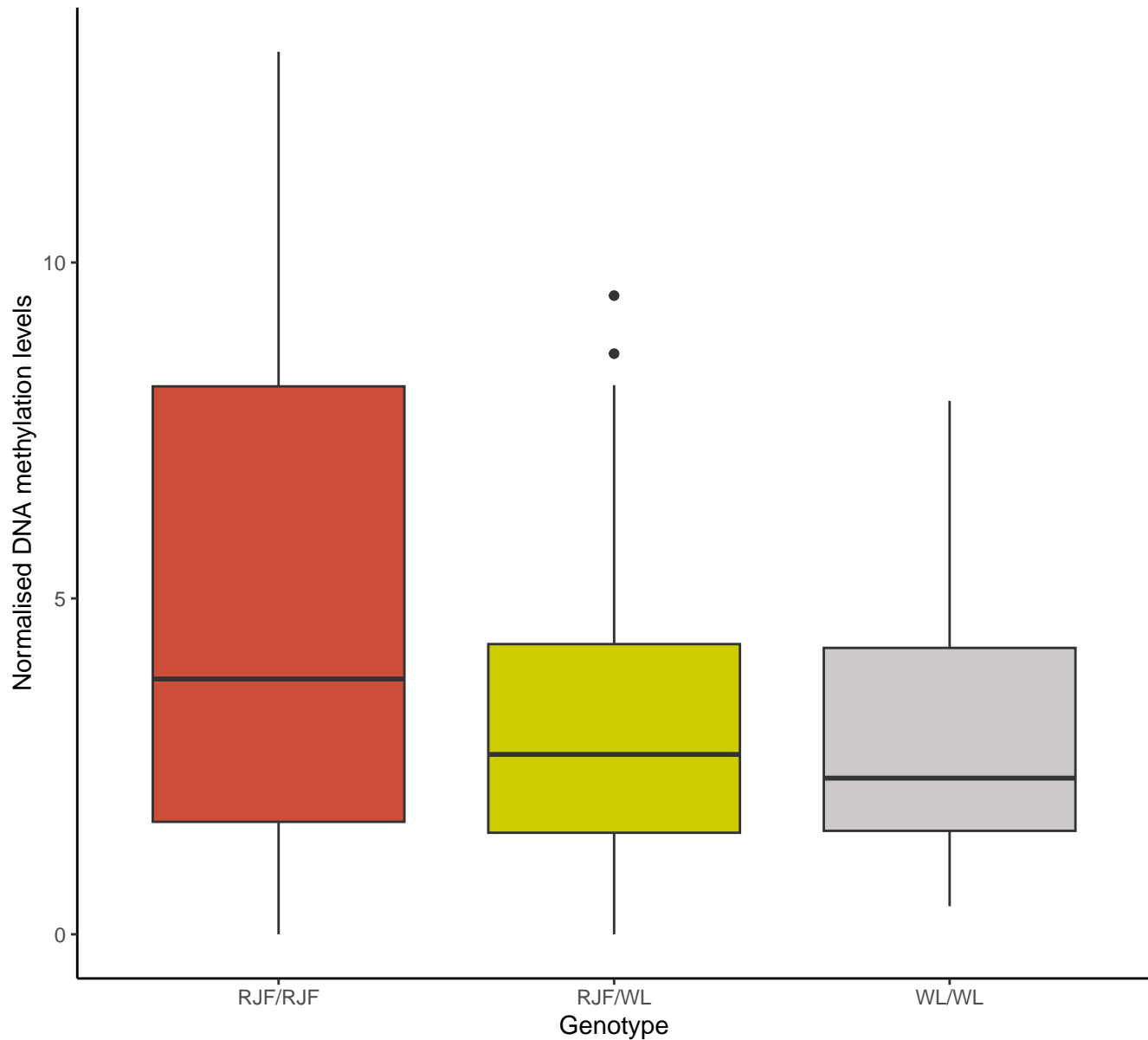
trans mQTL | chr8@0cM | LOD: 6.31
Methbin: chrZ_51367000 | marker:RBL4827
CI: chr8:0–21.19cM



trans mQTL | chr2@724.04cM | LOD: 7.03
Methbin: chrZ_51388000 | marker:Gg_rs14208289
CI: chr2:712.97–740.86cM



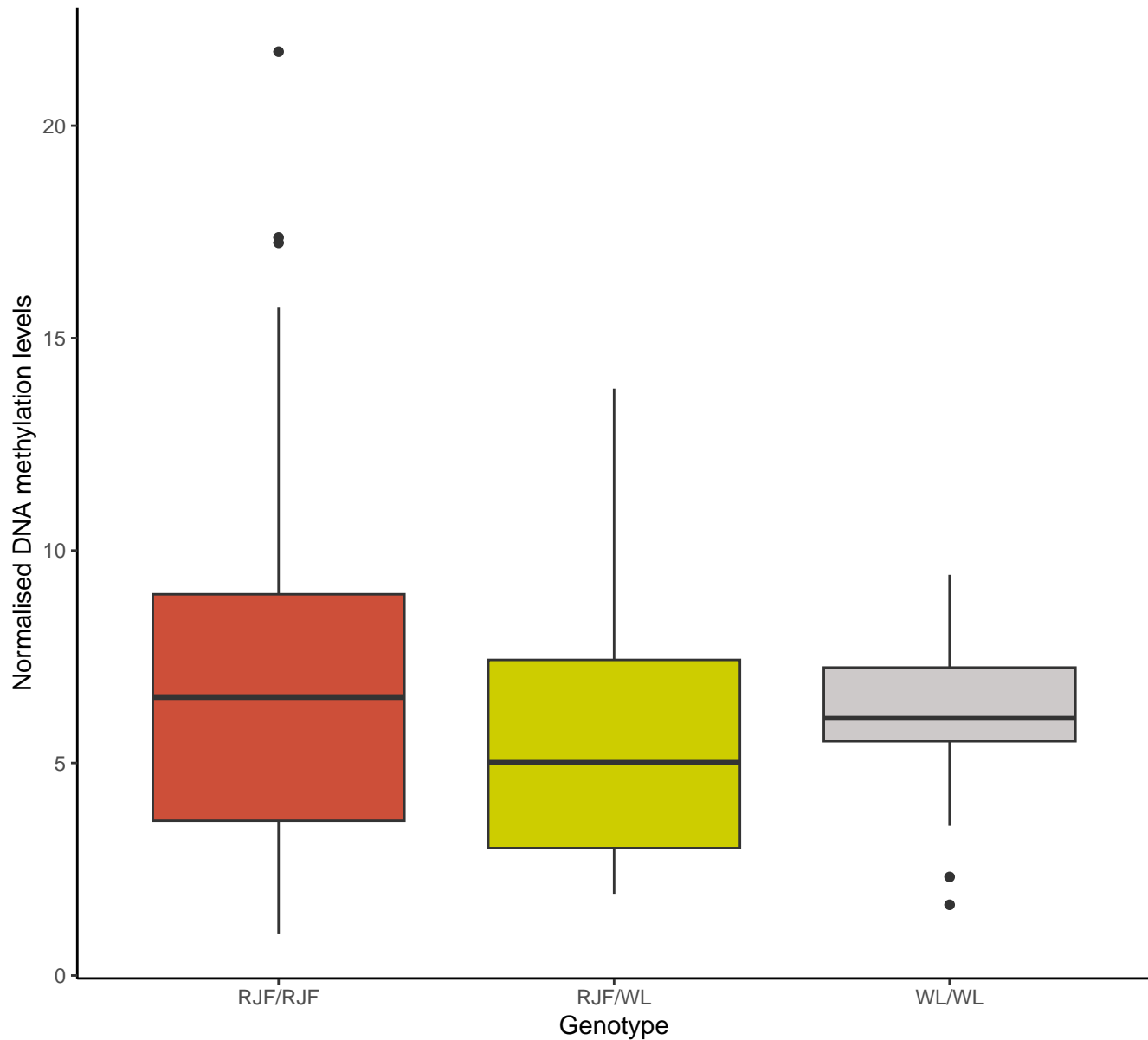
trans mQTL | chr6@324.93cM | LOD: 5.94
Methbin: chrZ_51459000 | marker:Gg_rs15817738
CI: chr6:299.59–324.93cM



trans mQTL | chr8@138.8cM | LOD: 6.03

Methbin: chrZ_51510000 | marker:X8_21627386

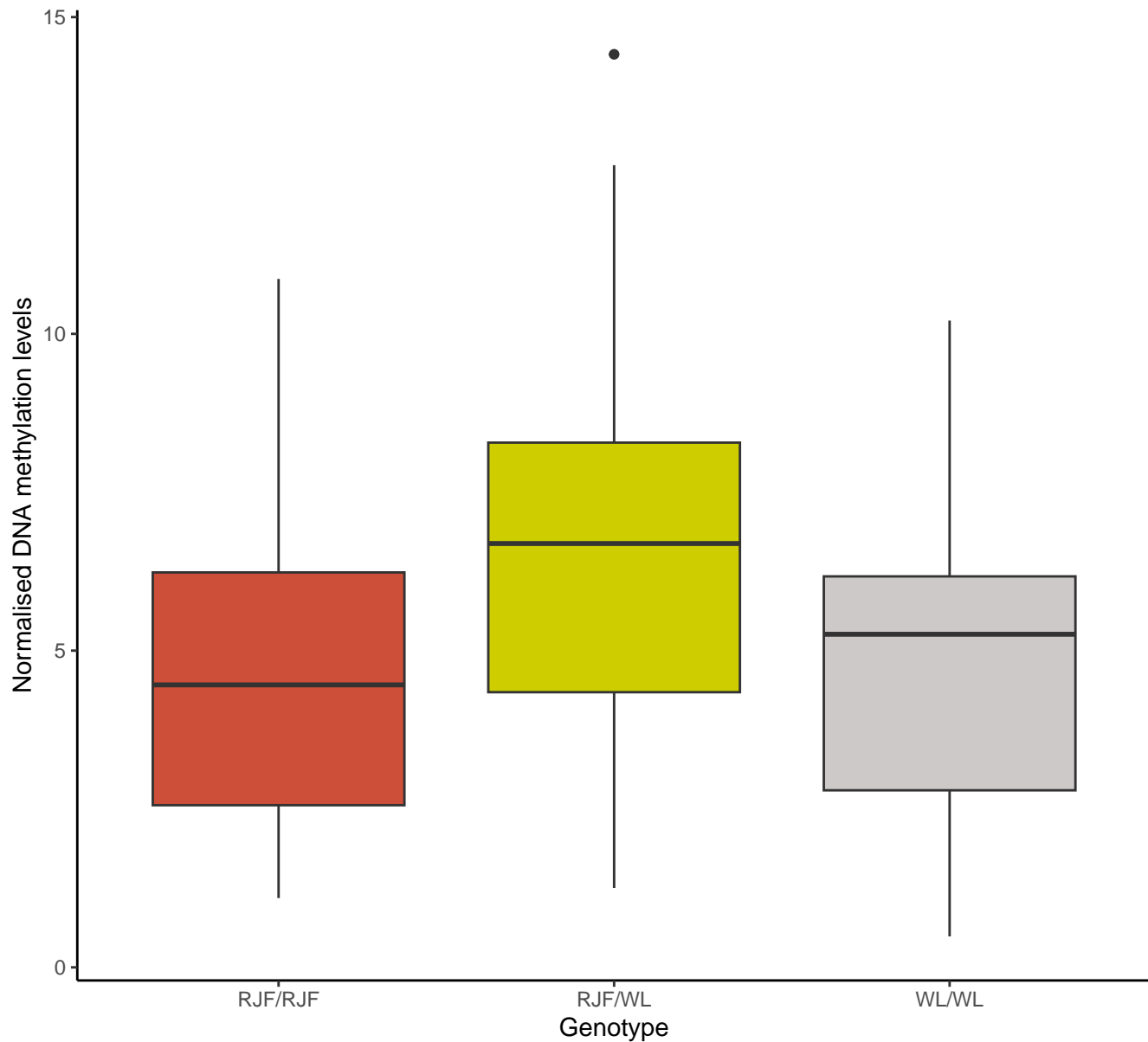
CI: chr8:104.94–172cM



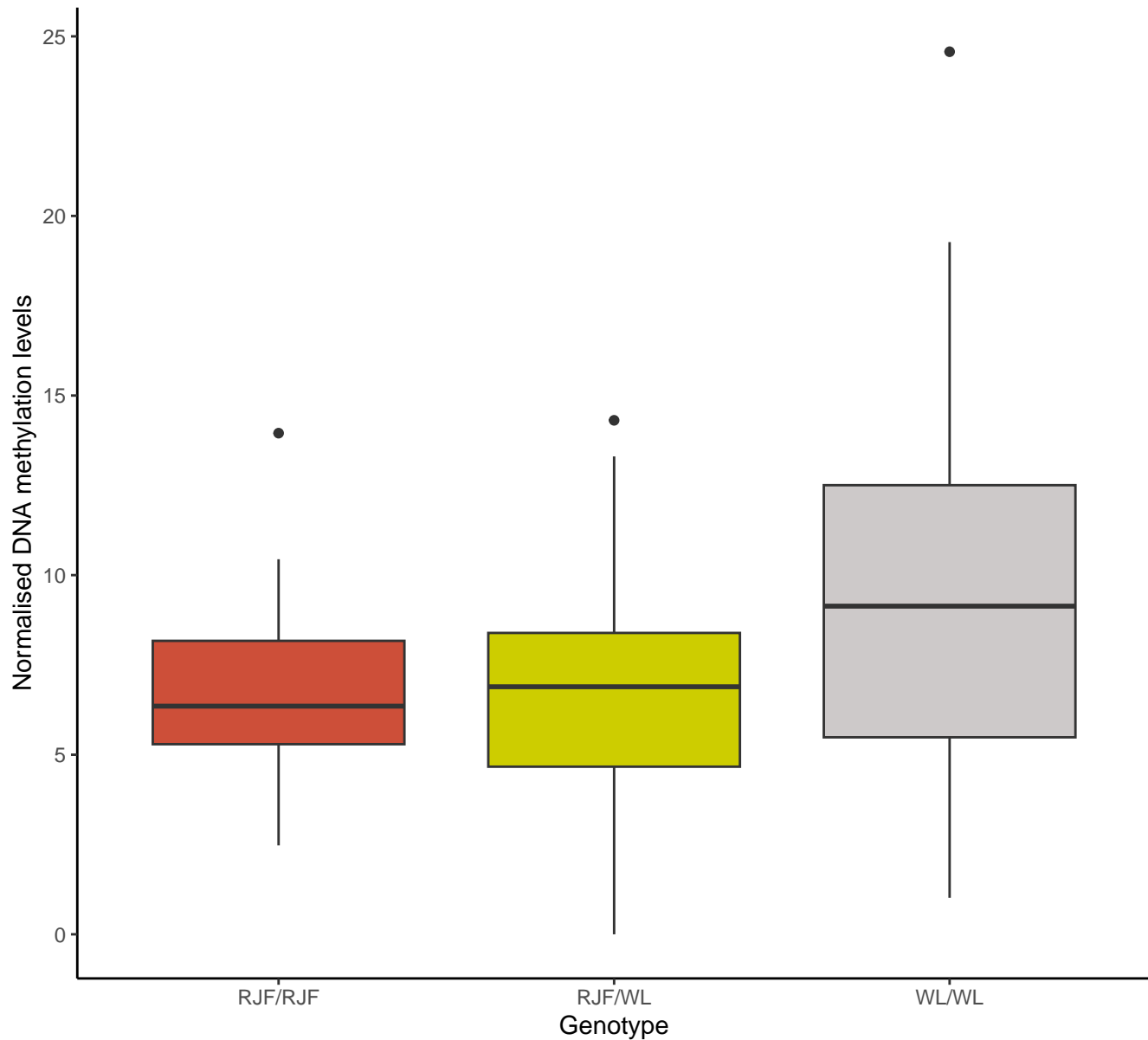
trans mQTL | chr7@10.48cM | LOD: 6.52

Methbin: chrZ_51559000 | marker:Gg_rs15828492

CI: chr7:0–58.22cM



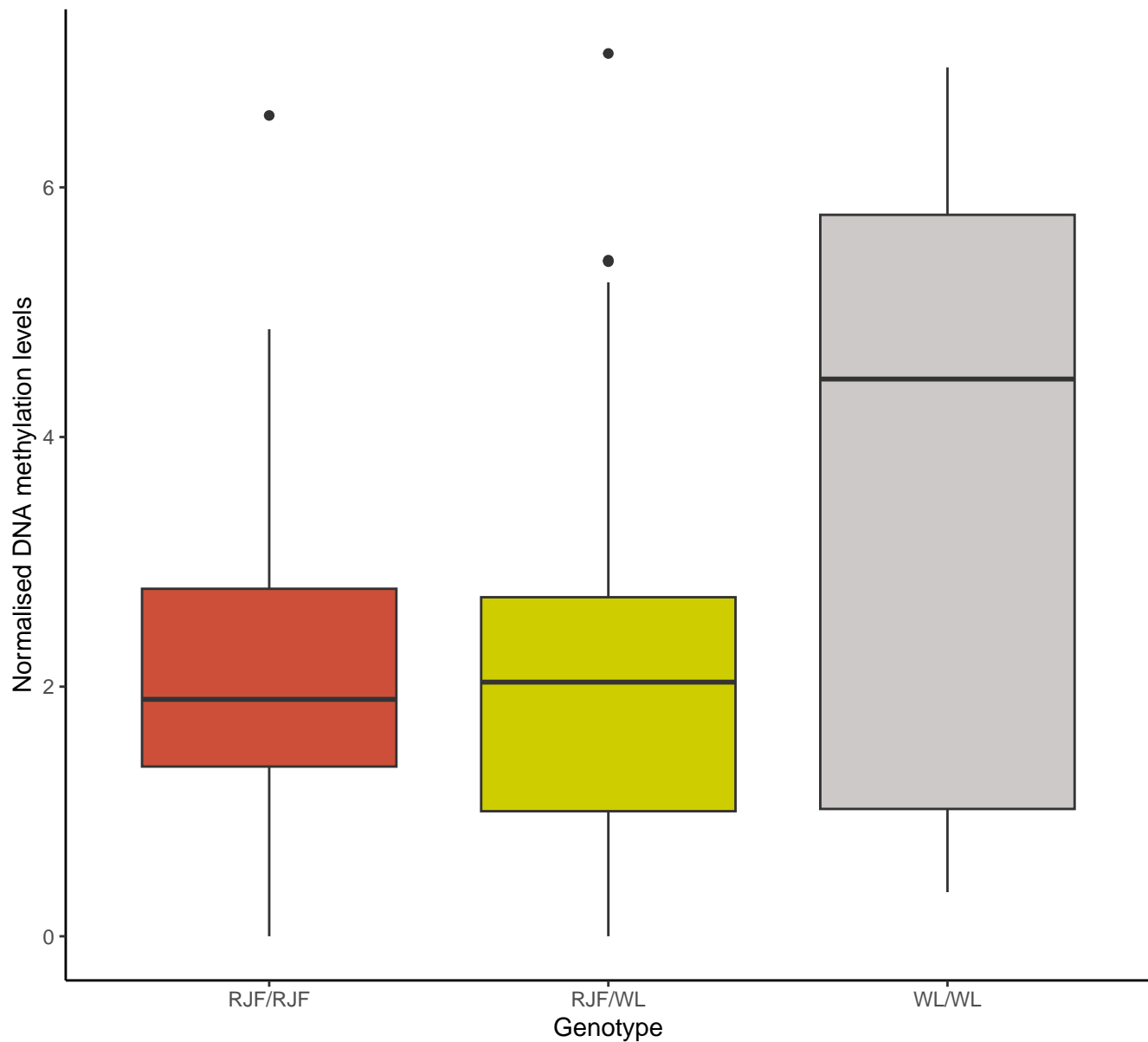
trans mQTL | chr11@0cM | LOD: 7.1
Methbin: chrZ_51596000 | marker:Gg_rs14957923
CI: chr11:0–16.53cM



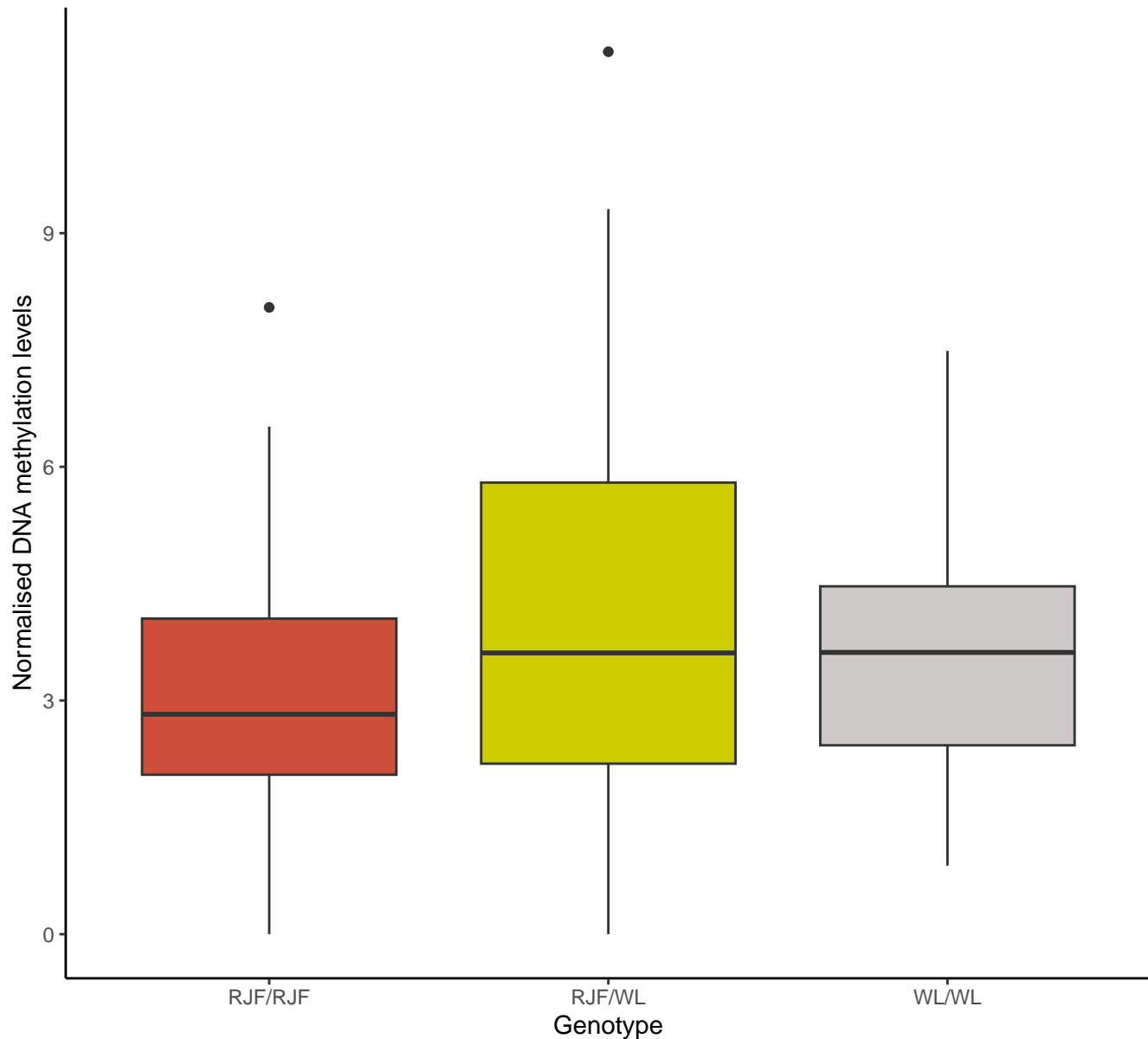
trans mQTL | chr1 @801.64cM | LOD: 6.44

Methbin: chrZ_51683000 | marker:Gg_rs13858621

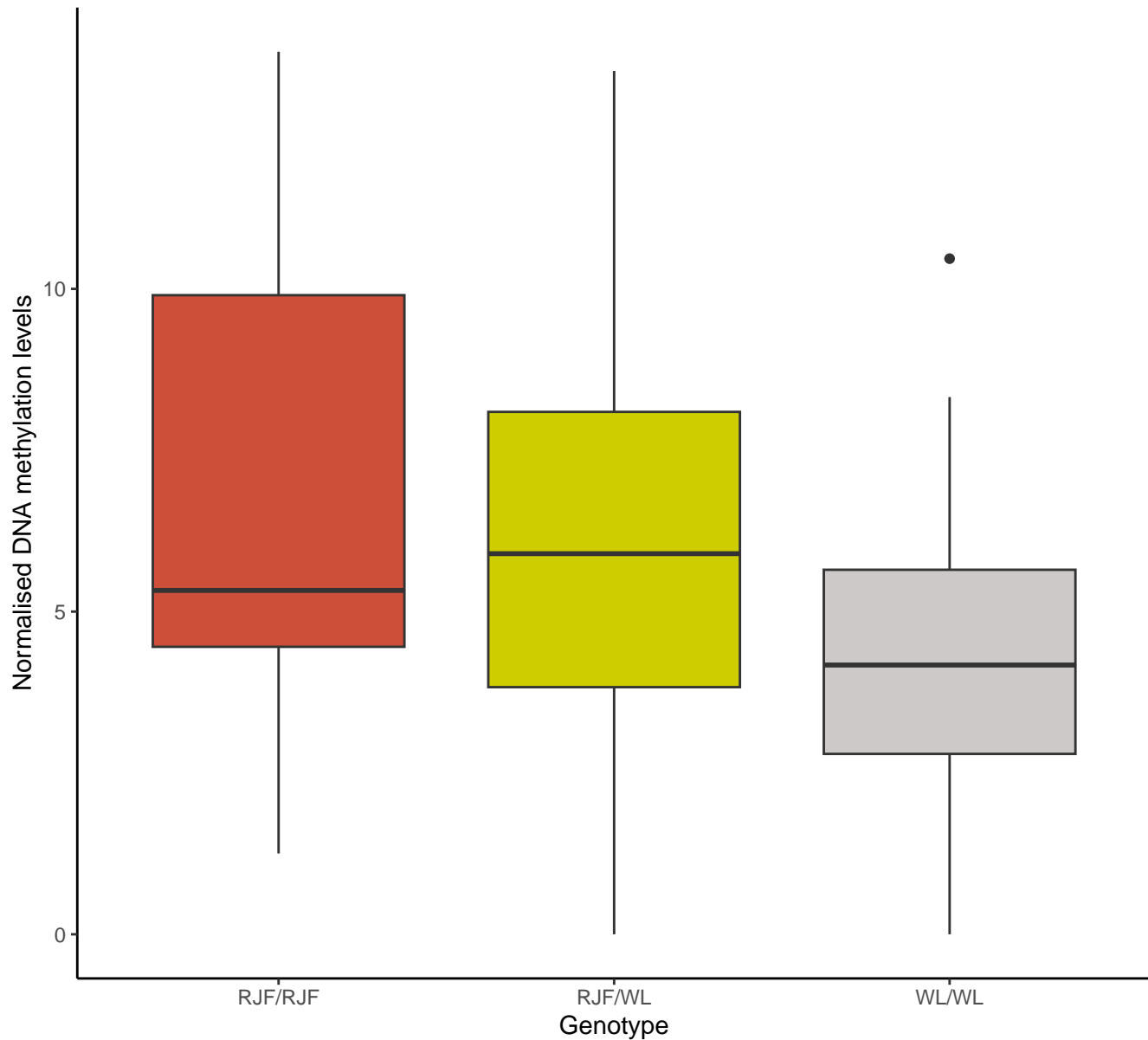
CI: chr1:442.43–884.13cM



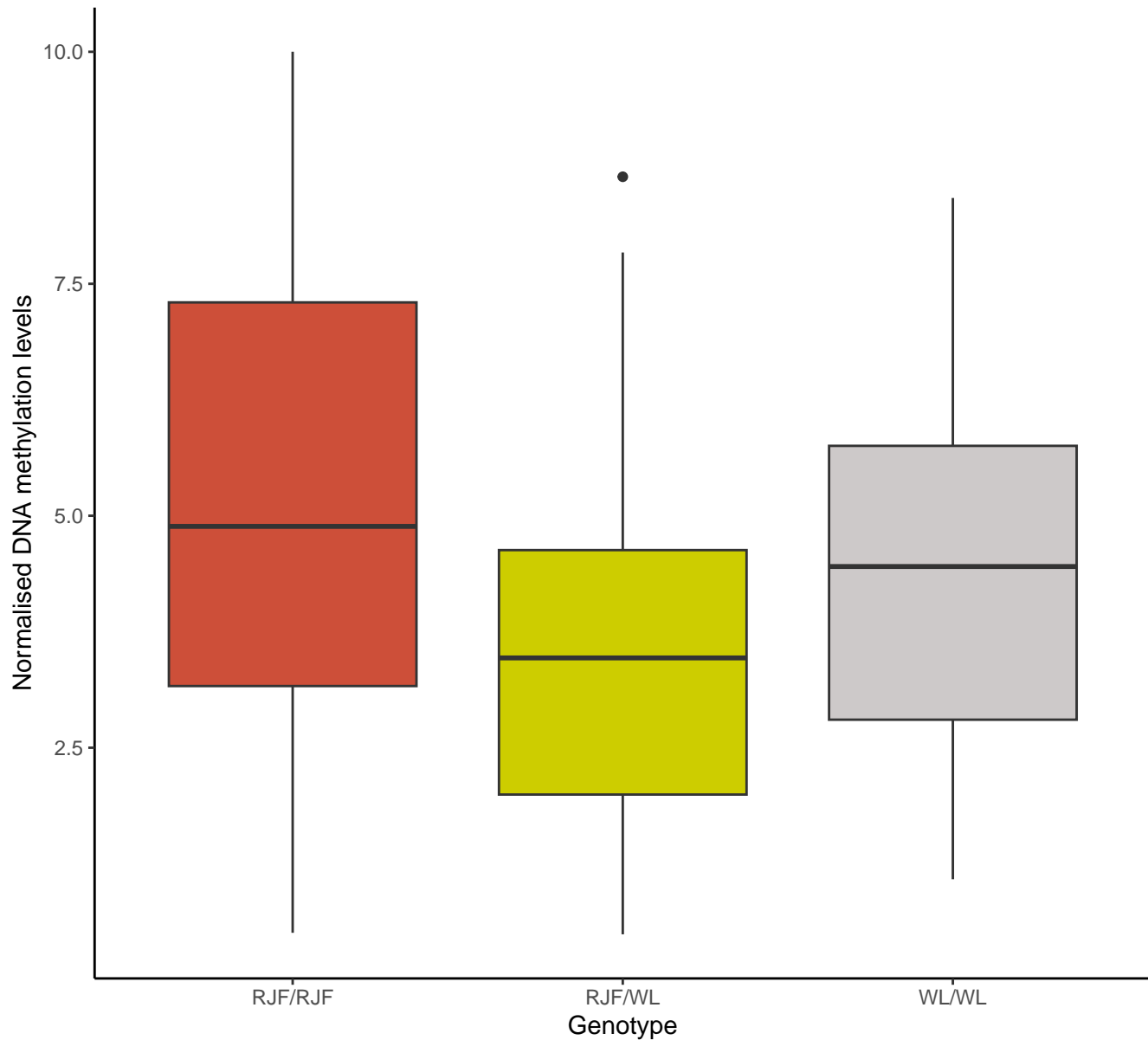
trans mQTL | chr4@568.94cM | LOD: 6.09
Methbin: chrZ_51695000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



trans mQTL | chr23@0cM | LOD: 5.96
Methbin: chrZ_51736000 | marker:Gg_rs14287506
CI: chr23:0–8.8cM



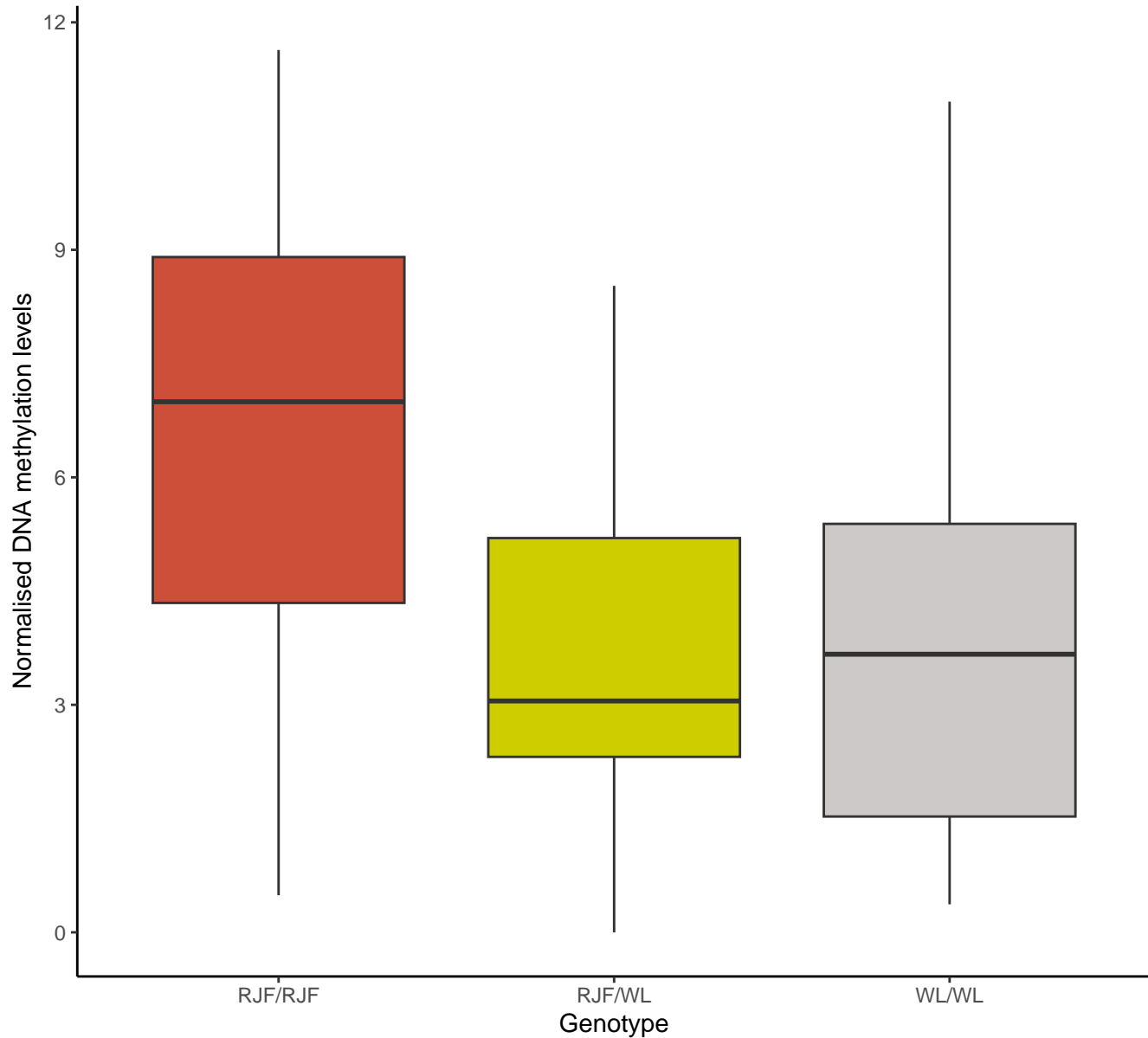
trans mQTL | chr3@578.5cM | LOD: 6.08
Methbin: chrZ_51816000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



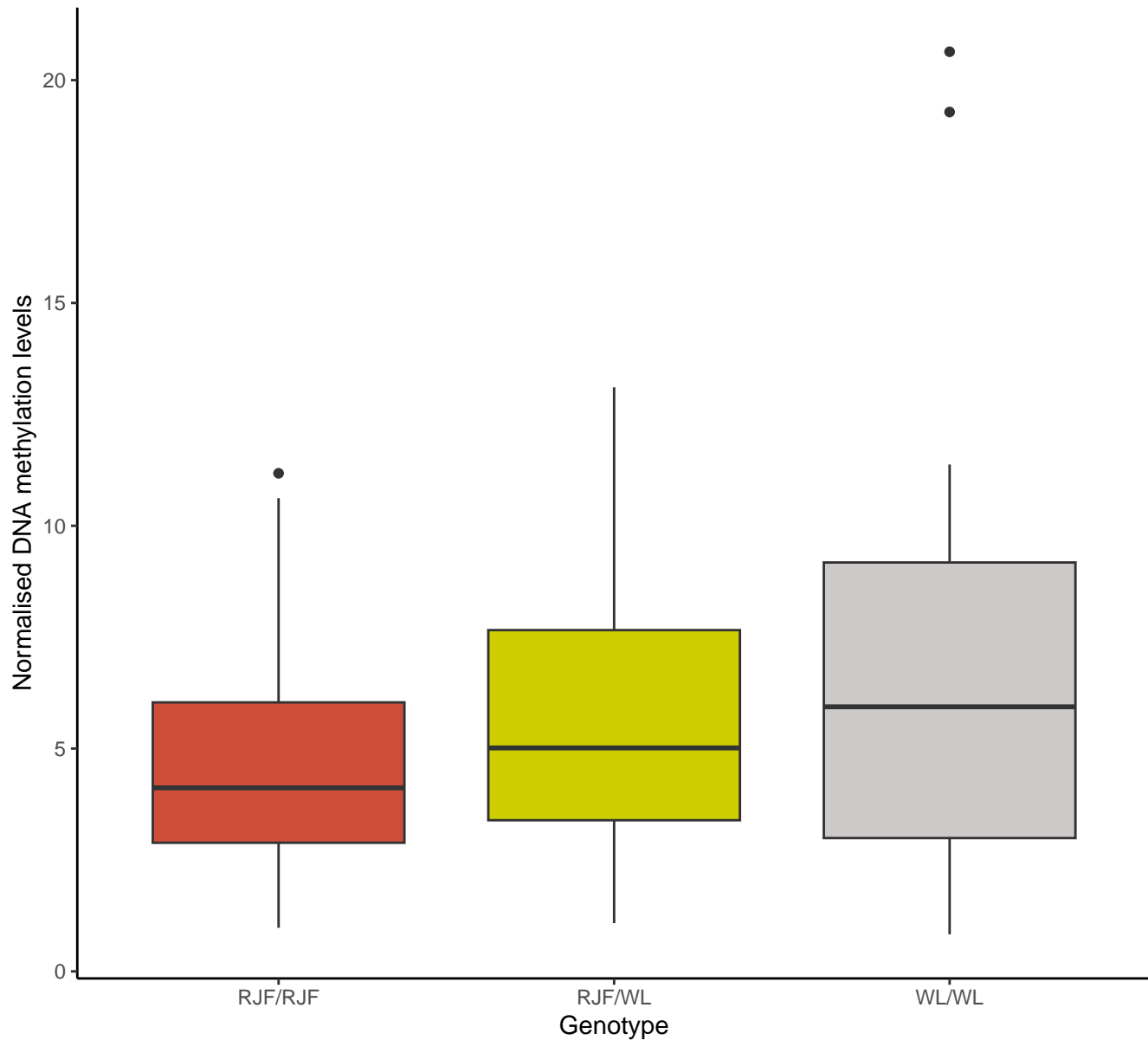
trans mQTL | chr21 @8.69cM | LOD: 9.87

Methbin: chrZ_52020000 | marker:GG_rs15181258

CI: chr21:0–16.35cM



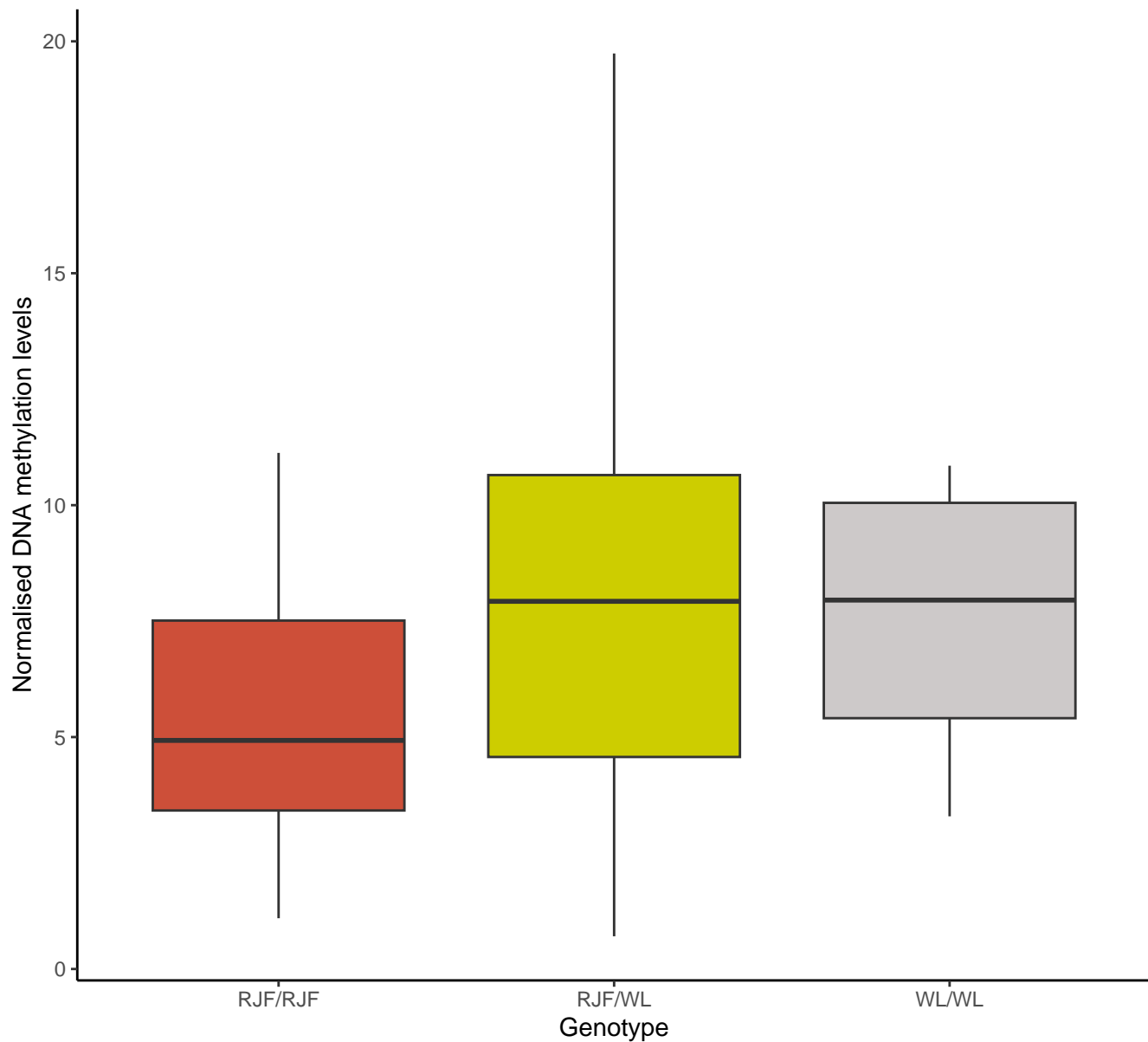
trans mQTL | chr8@104.94cM | LOD: 6.7
Methbin: chrZ_52426000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



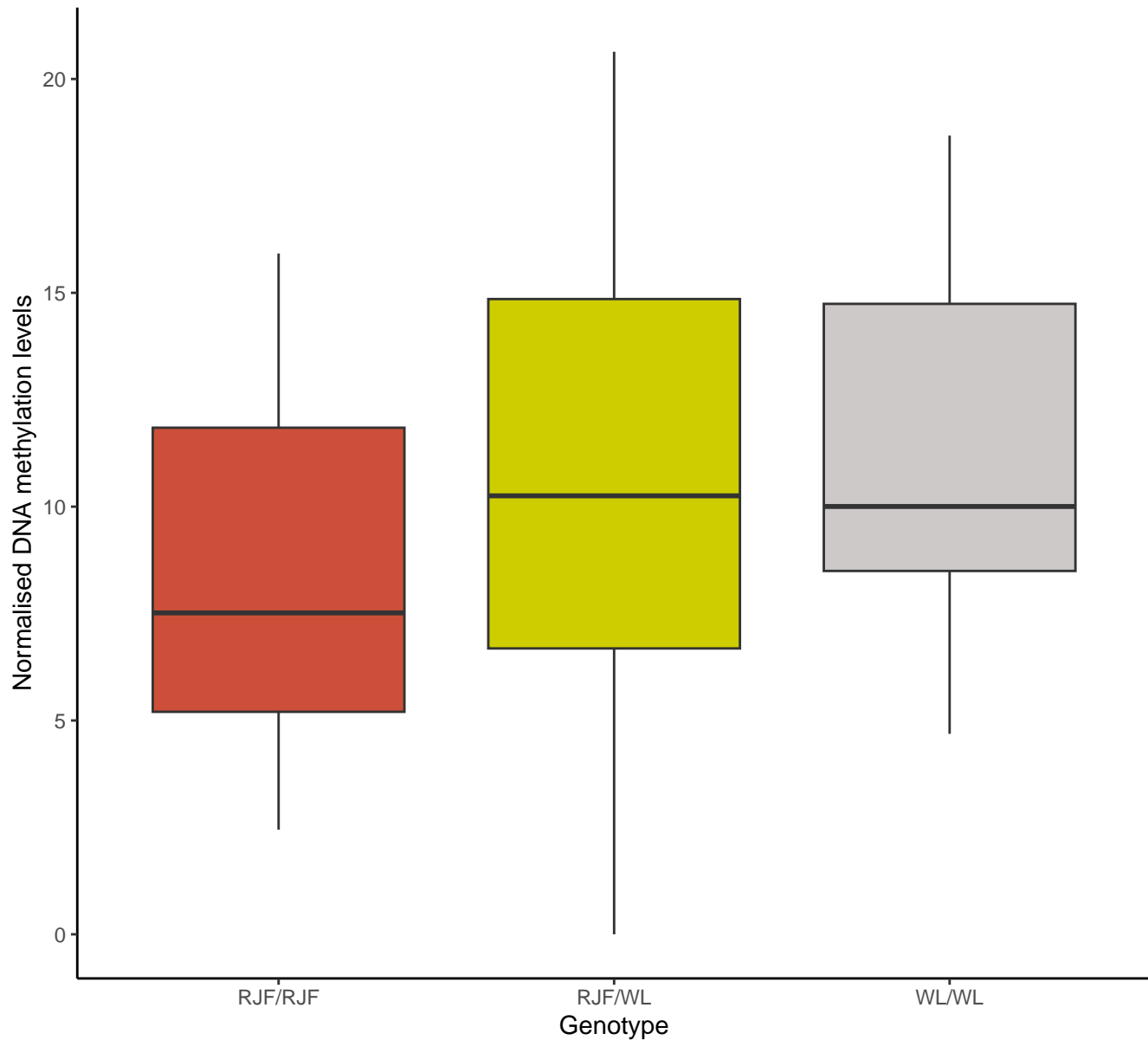
trans mQTL | chr3@219cM | LOD: 7.29

Methbin: chrZ_52440000 | marker:Gg_rs15282380

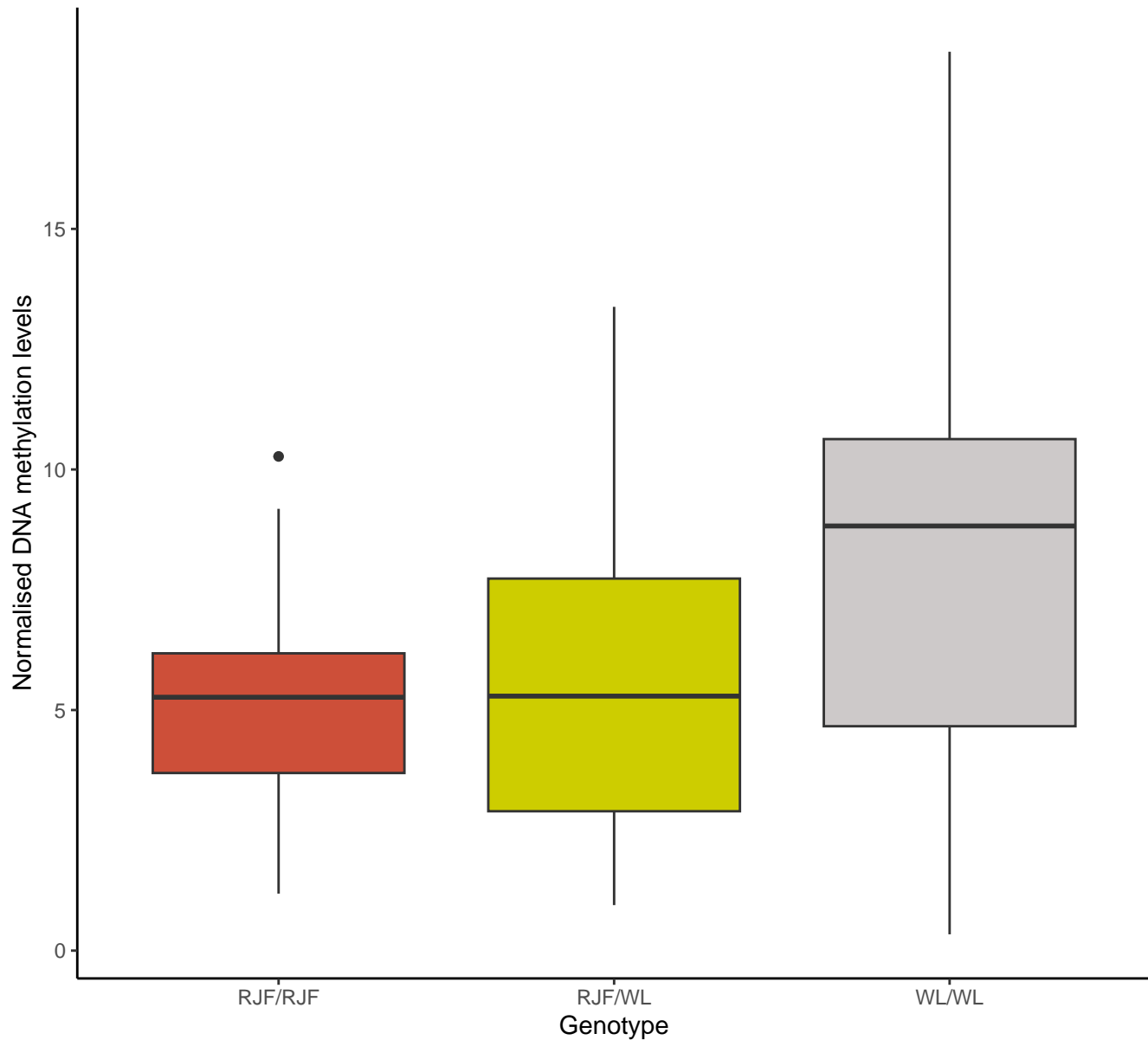
CI: chr3:181–270.84cM



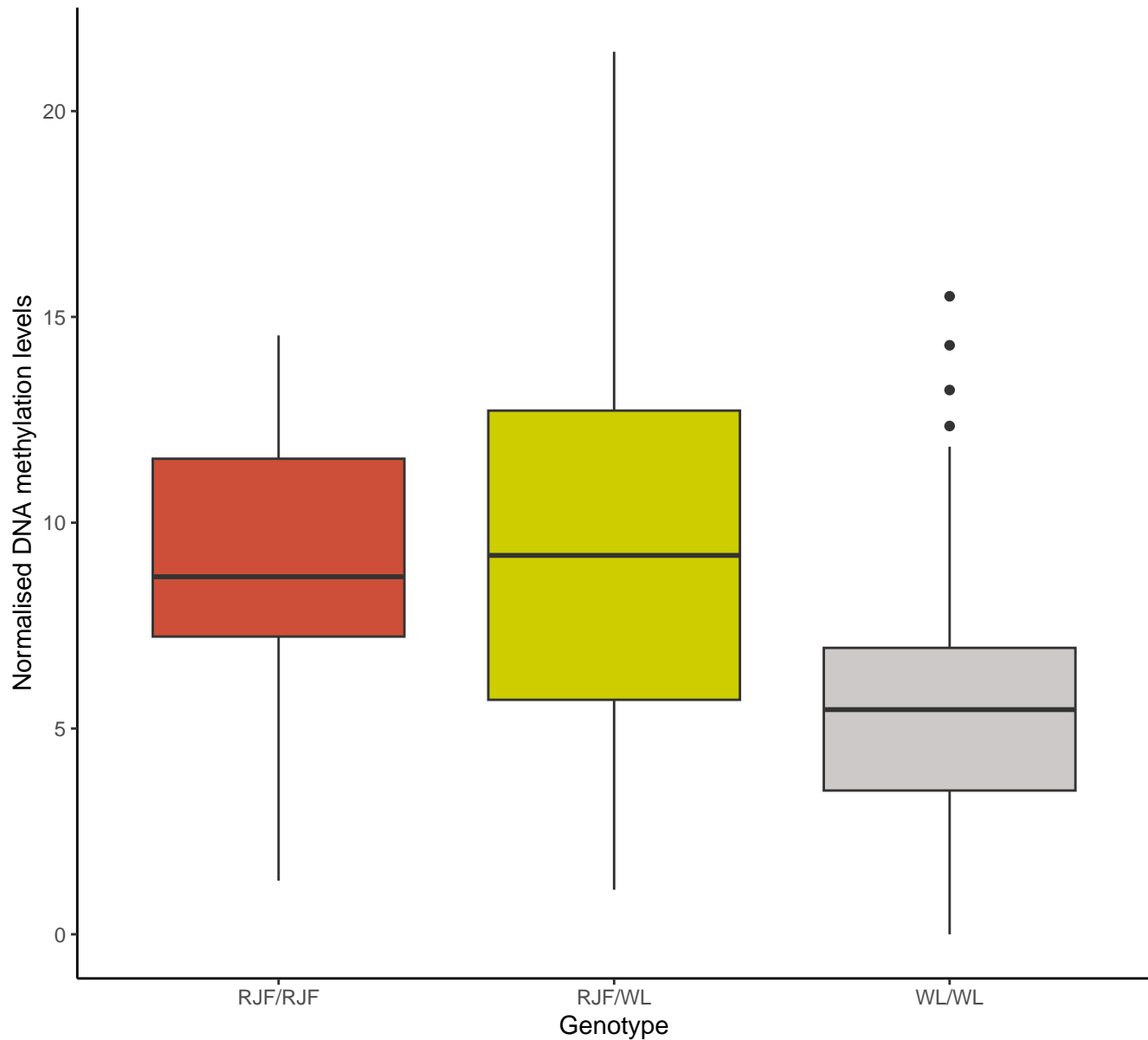
trans mQTL | chr4@320.93cM | LOD: 6.47
Methbin: chrZ_52480000 | marker:Gg_rs14457643
CI: chr4:276.05–371.61cM



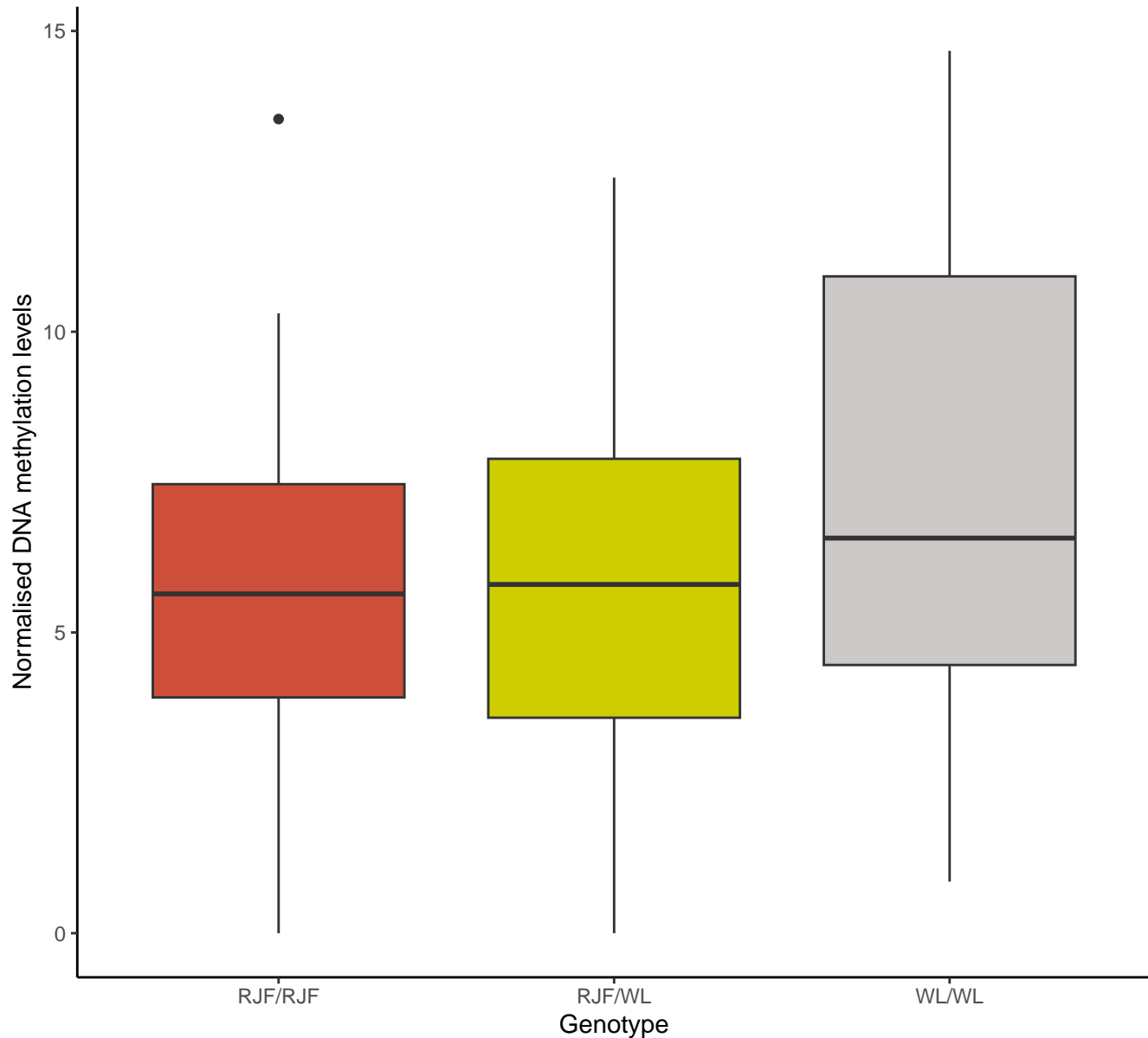
trans mQTL | chr3@745.46cM | LOD: 6.14
Methbin: chrZ_52629000 | marker:Gg_rs14413960
CI: chr3:733.93–745.46cM



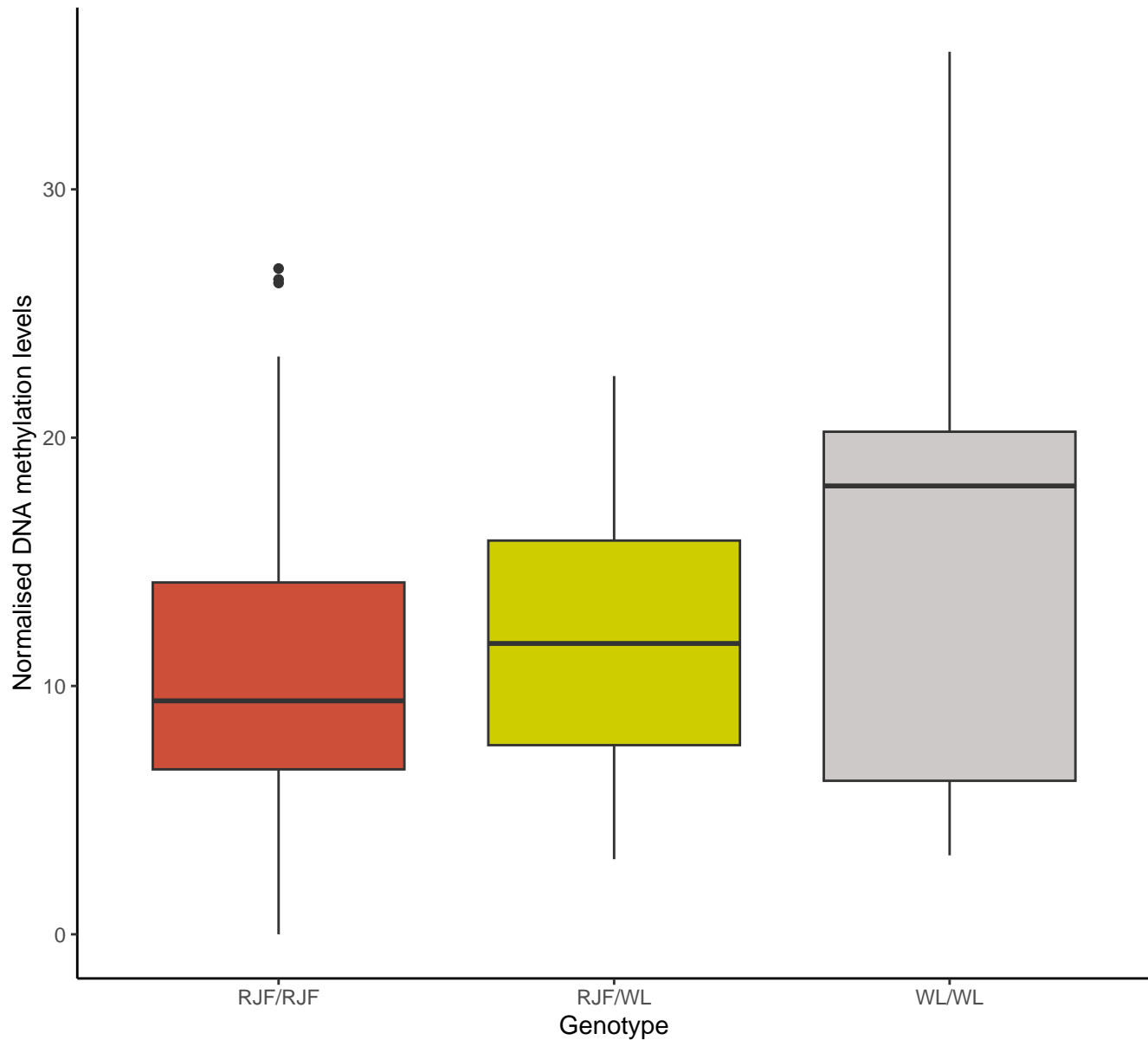
trans mQTL | chr22@62.4cM | LOD: 6.27
Methbin: chrZ_52801000 | marker:Gg_rs15187890
CI: chr22:50.52–62.4cM



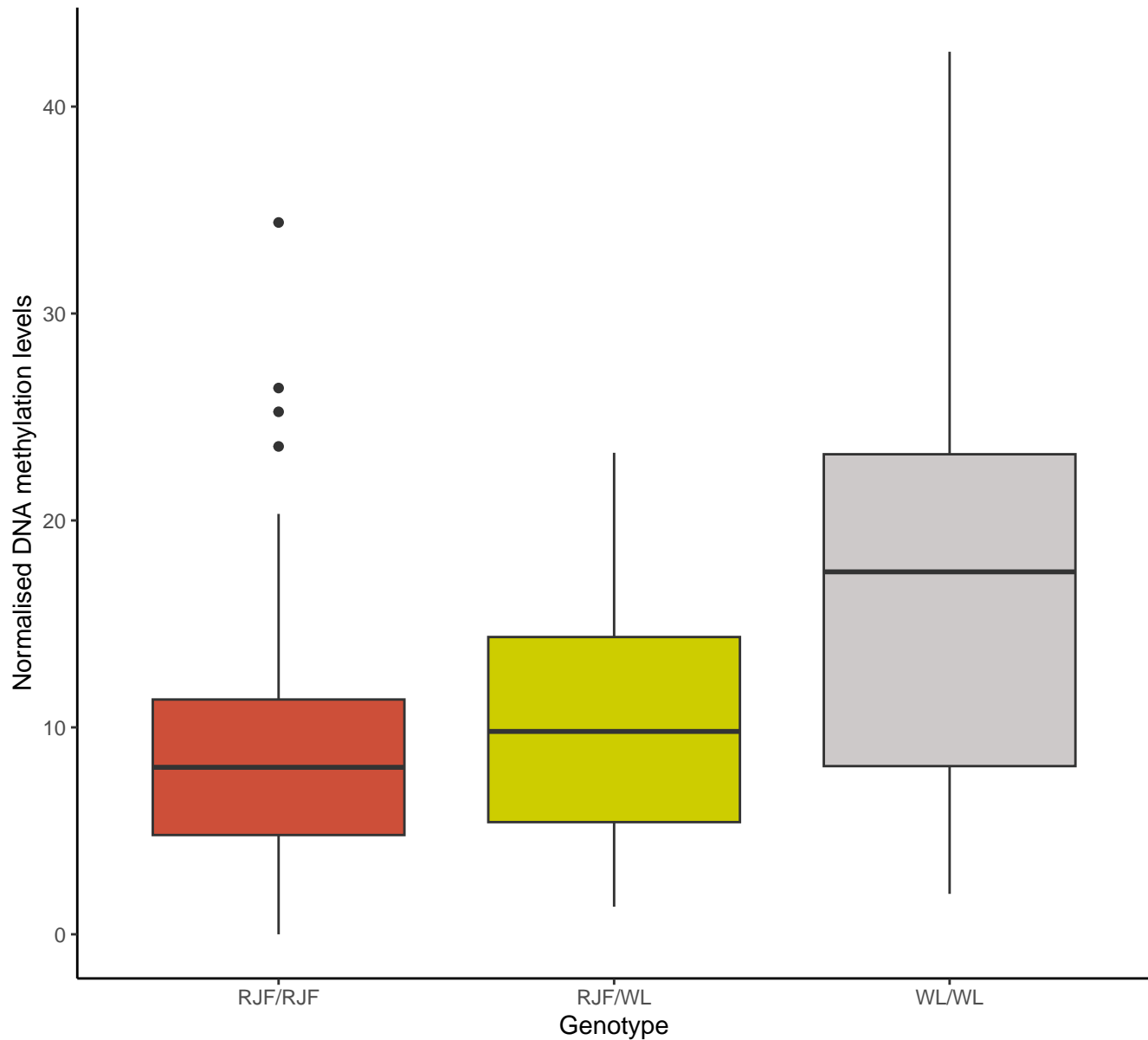
trans mQTL | chr4@46.11cM | LOD: 6.31
Methbin: chrZ_53040000 | marker:Gg_rs14421644
CI: chr4:29.52–77.49cM



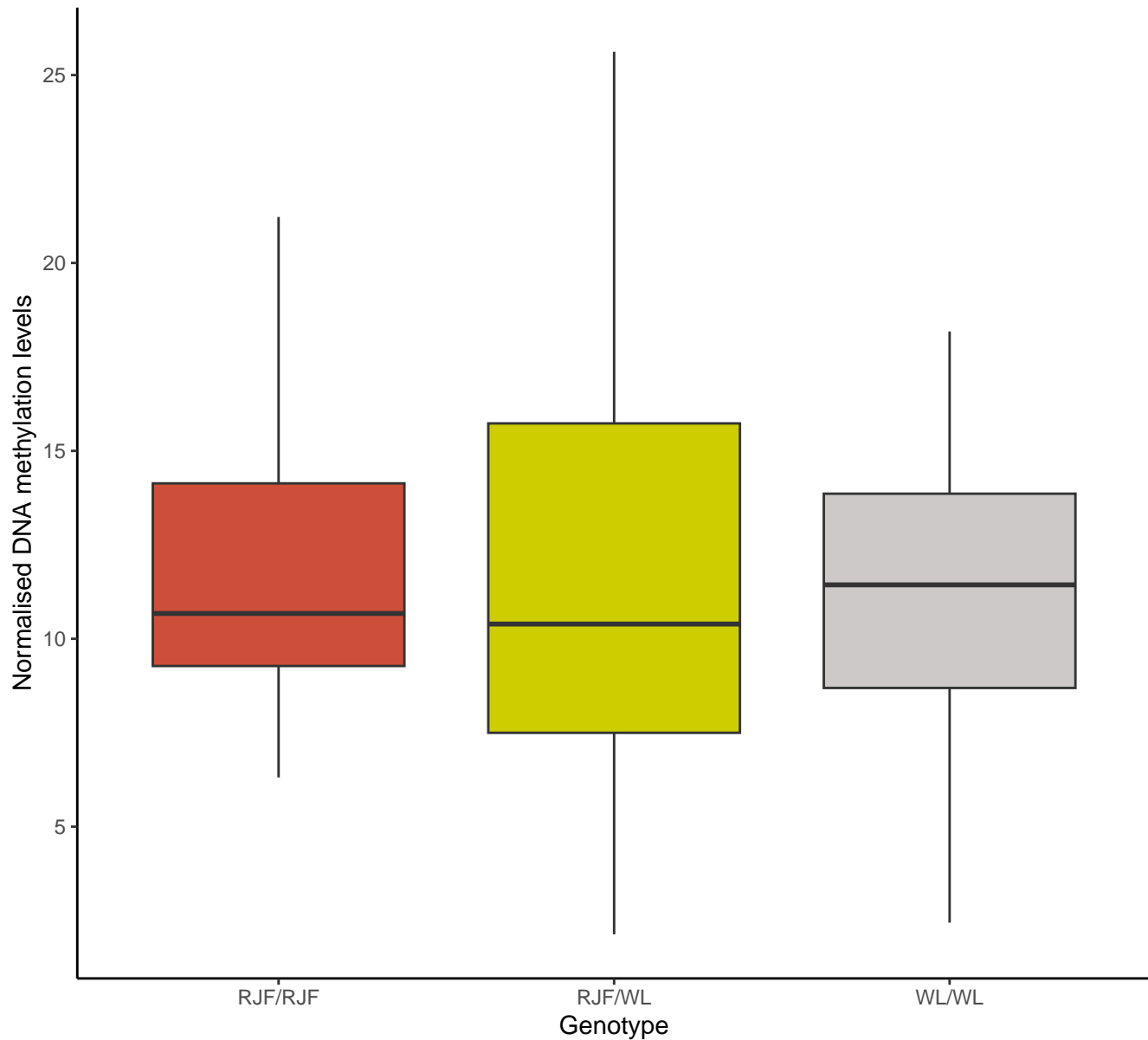
trans mQTL | chr3@219cM | LOD: 6.87
Methbin: chrZ_53253000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



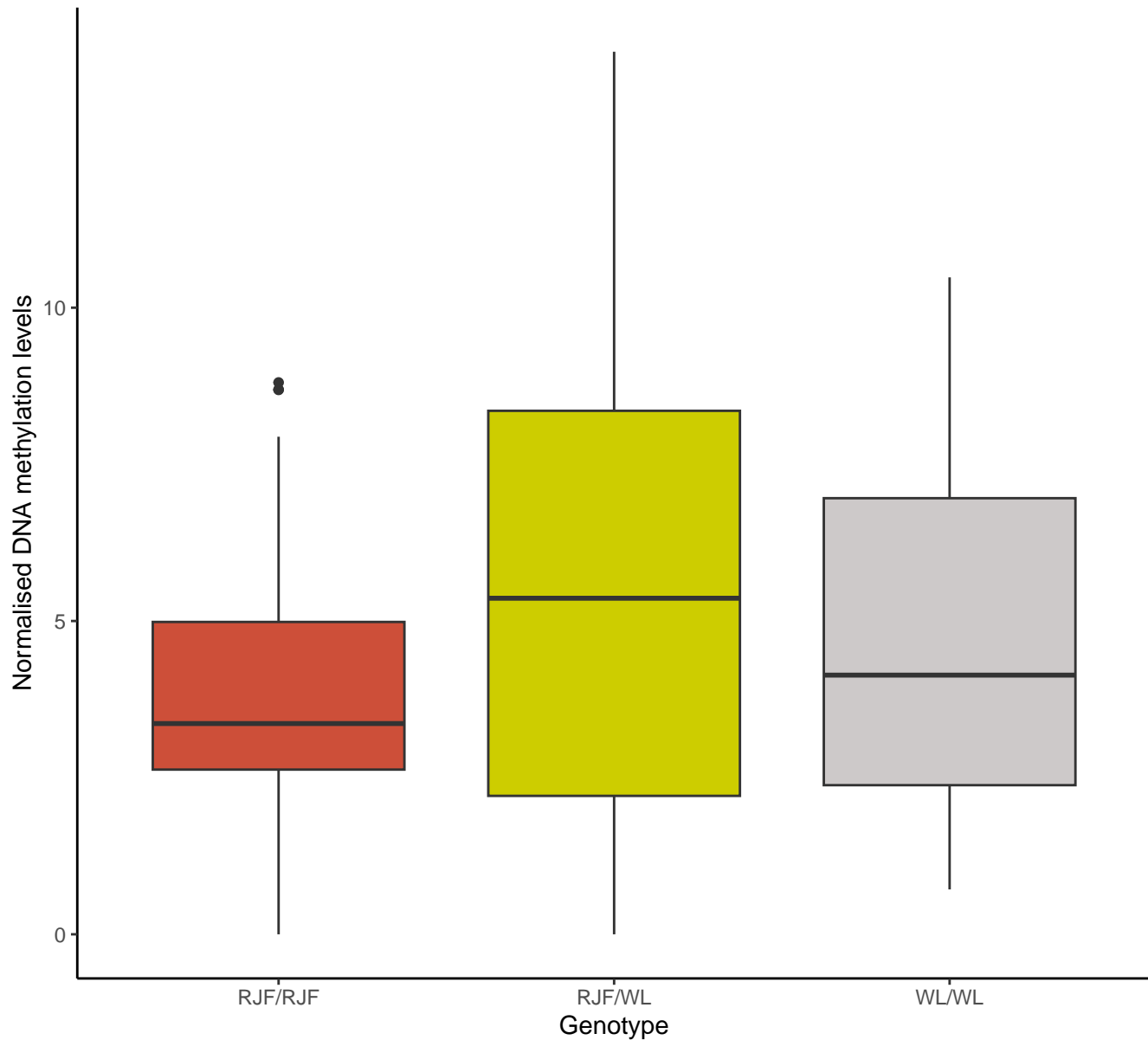
trans mQTL | chr3@219cM | LOD: 6.16
Methbin: chrZ_53320000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



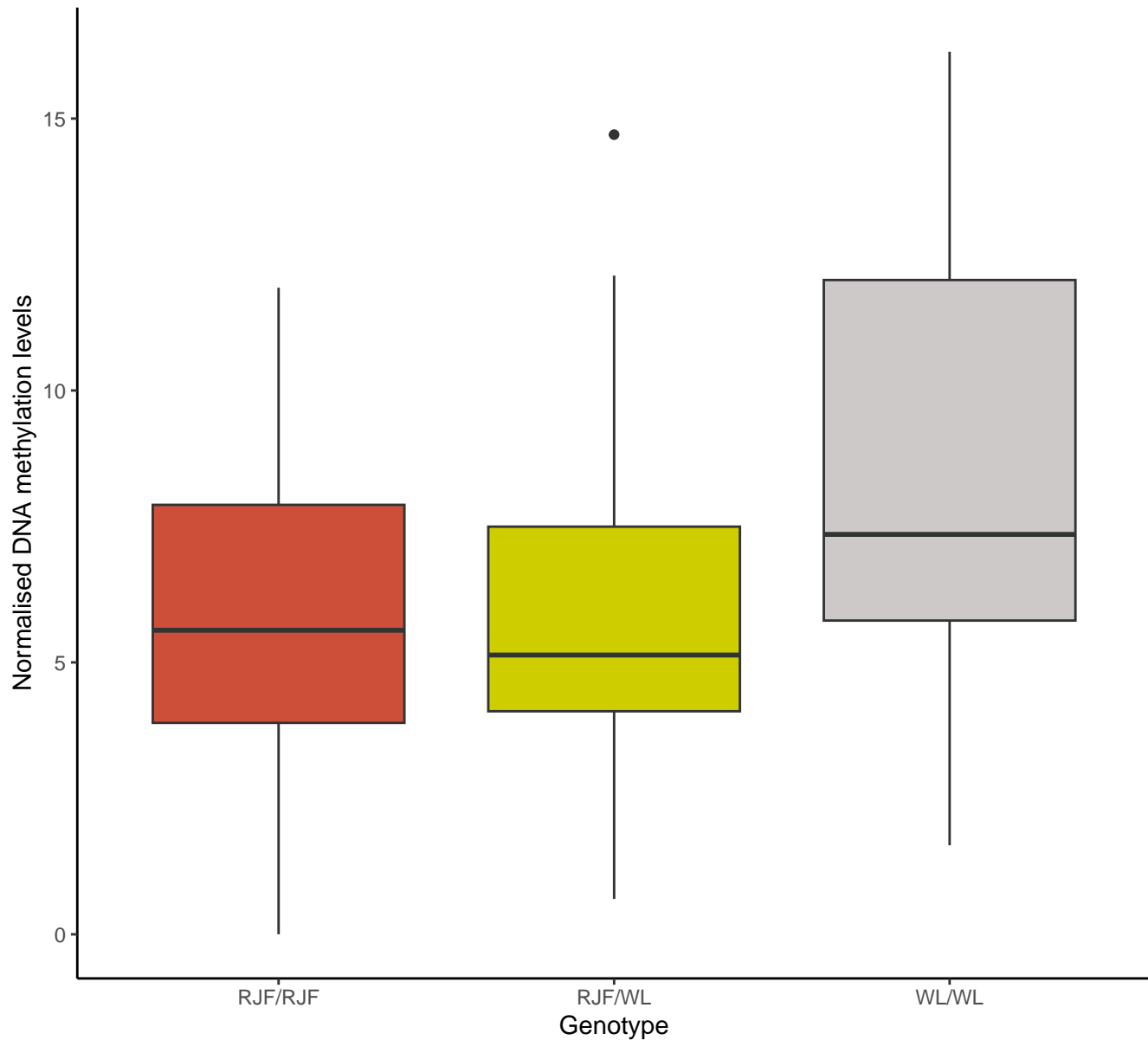
trans mQTL | chr13@212.95cM | LOD: 6.08
Methbin: chrZ_53333000 | marker:Gg_rs13505733
CI: chr13:205.02–212.95cM



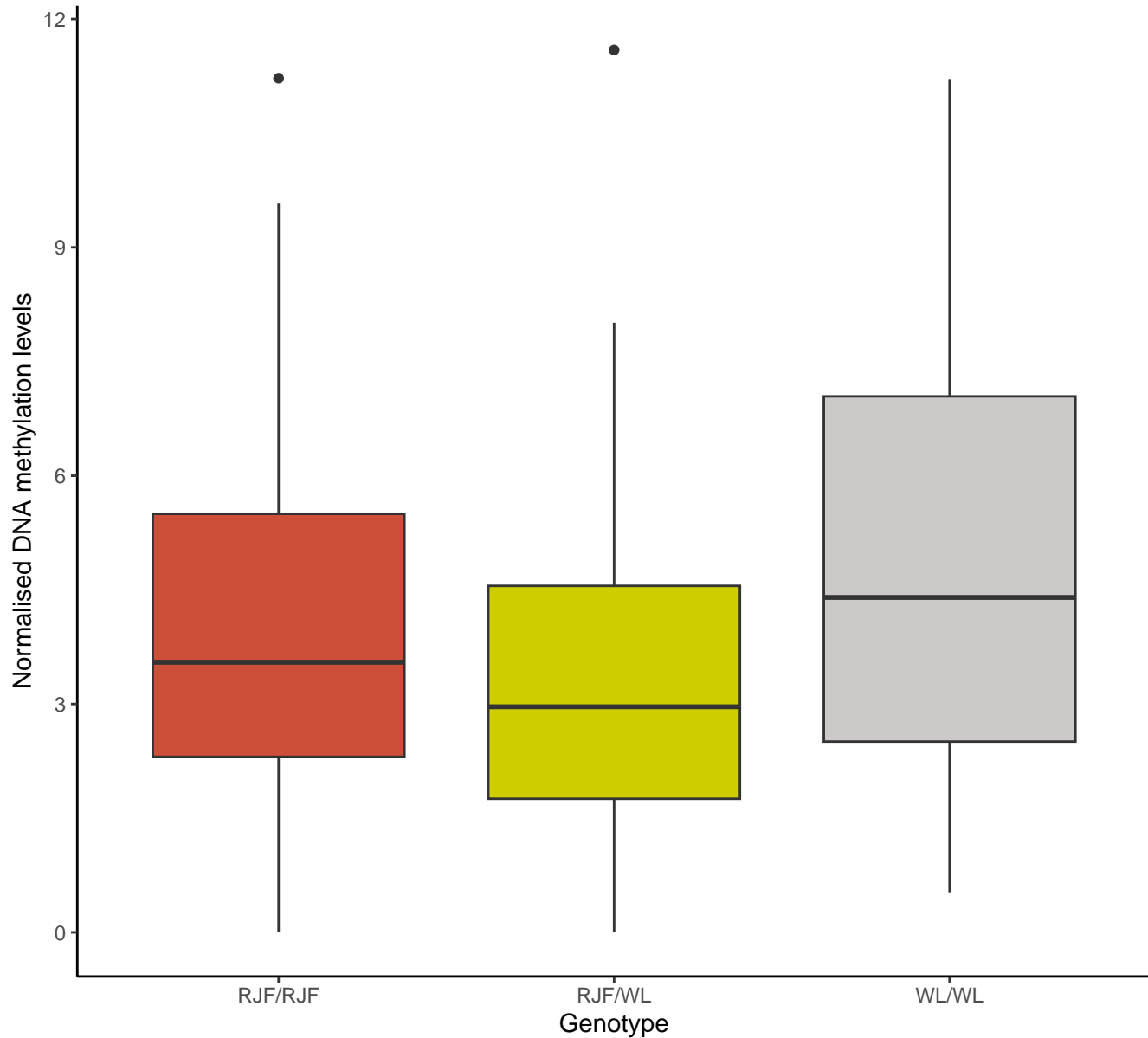
trans mQTL | chr4@568.94cM | LOD: 7.01
Methbin: chrZ_53485000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



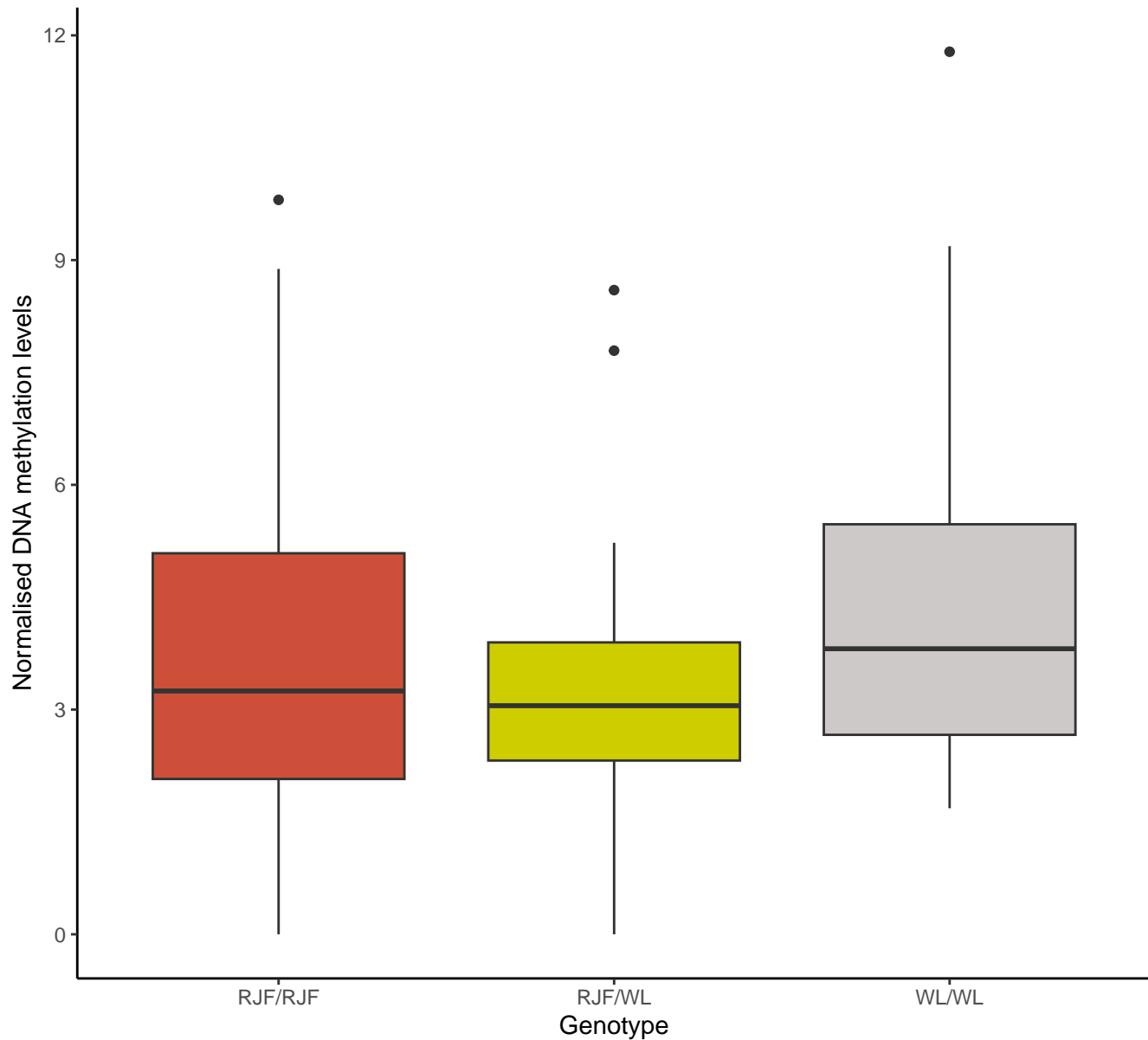
trans mQTL | chr2@725cM | LOD: 6.05
Methbin: chrZ_53505000 | marker:Gg_rs14208289
CI: chr2:712.97–771.22cM



trans mQTL | chr14@241.01cM | LOD: 6.98
Methbin: chrZ_53690000 | marker:Gg_rs15002638
CI: chr14:194.23–265.73cM



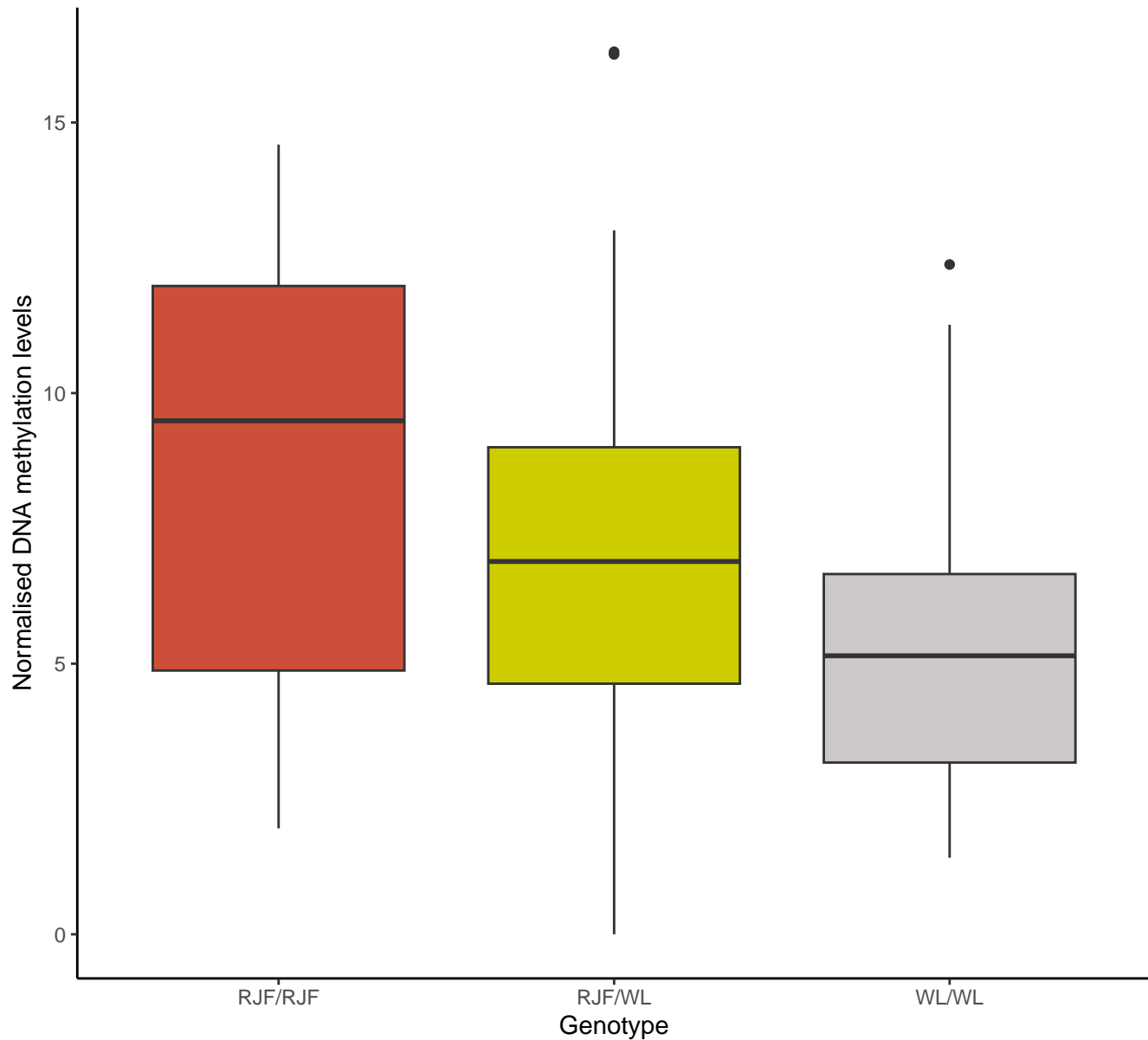
trans mQTL | chr4@0cM | LOD: 6.85
Methbin: chrZ_54038000 | marker:X4_1267185
CI: chr4:0–10.25cM



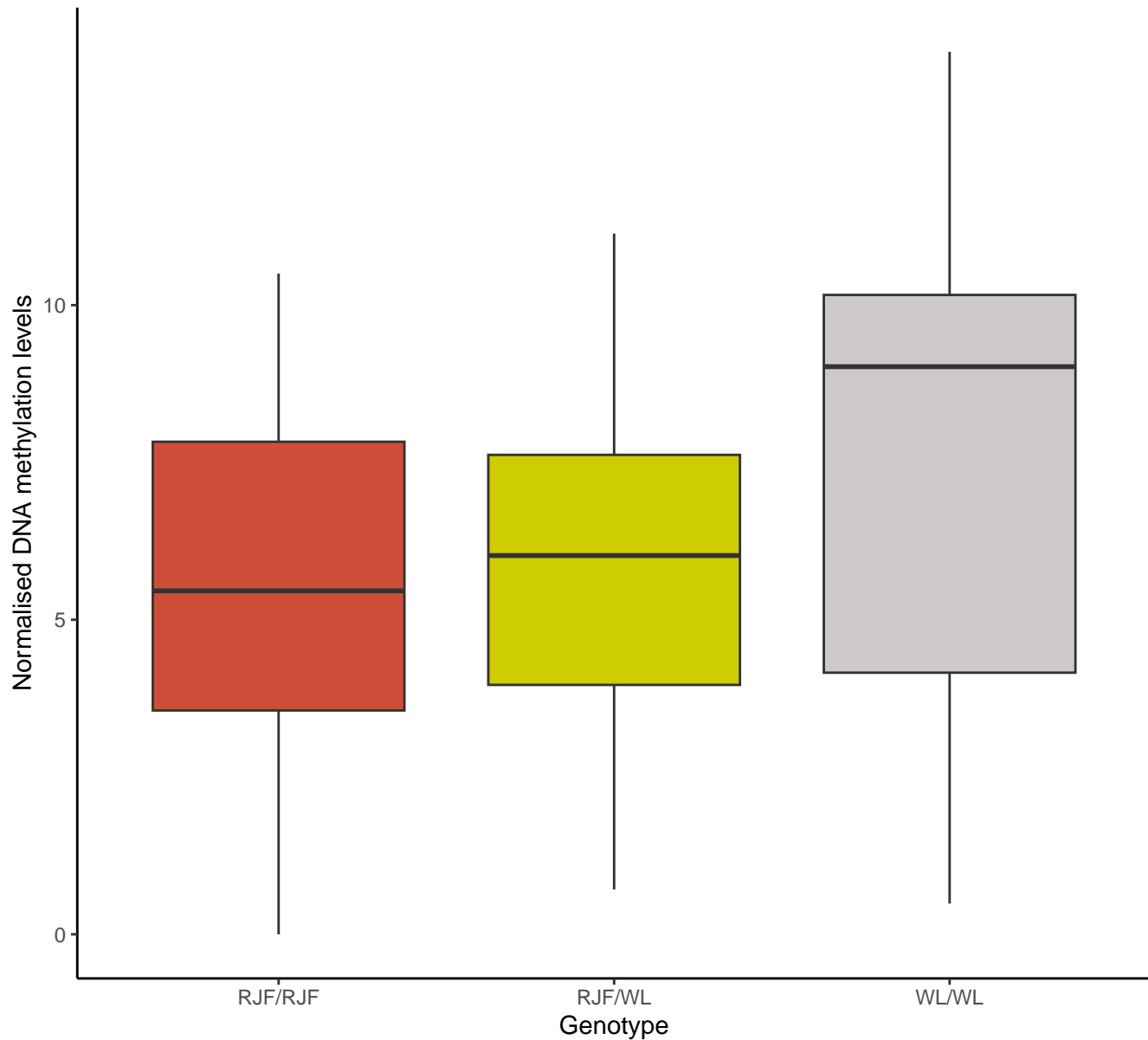
trans mQTL | chr21@8.69cM | LOD: 6.44

Methbin: chrZ_54119000 | marker:GG_rs15181258

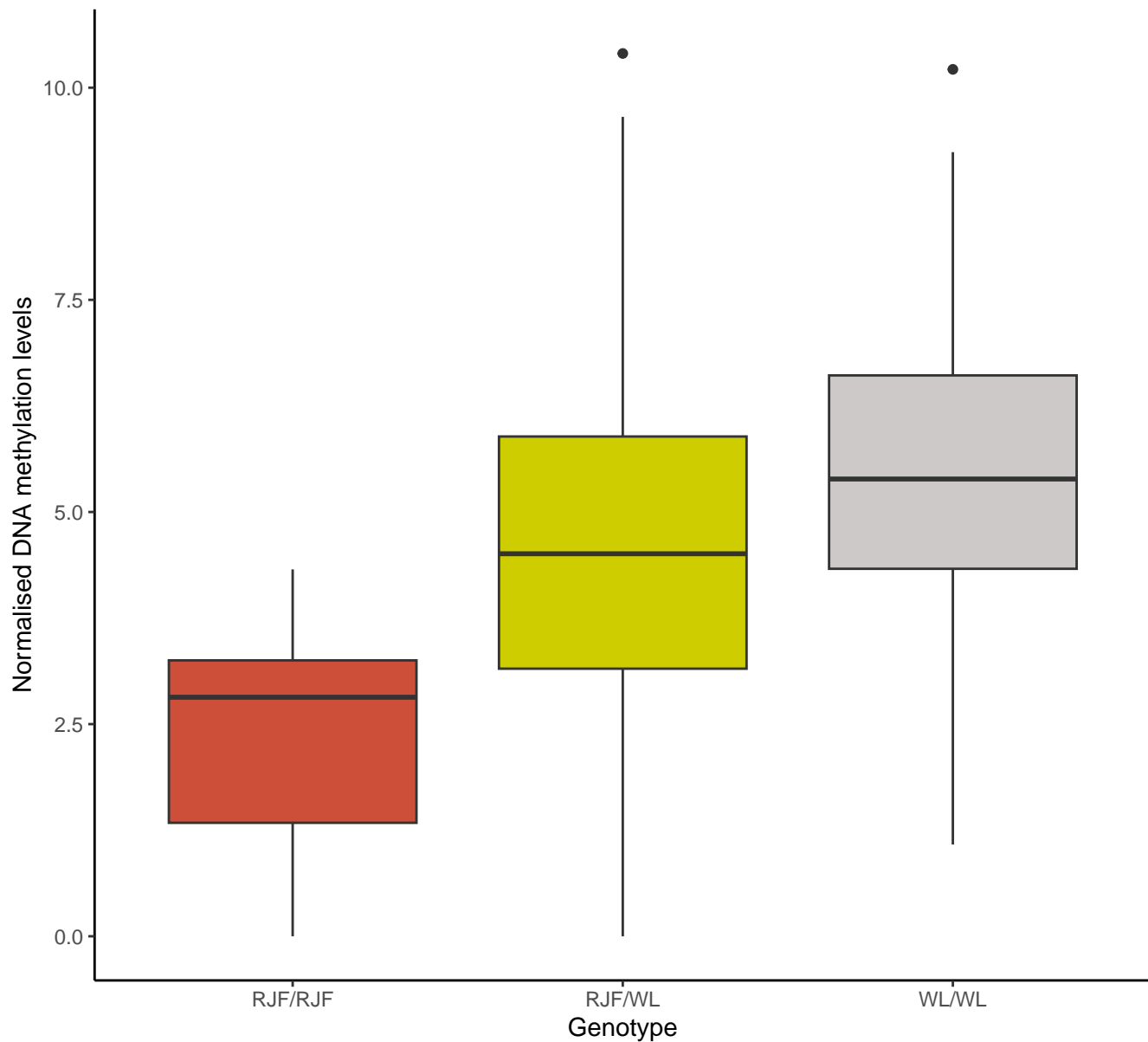
CI: chr21:0-16.35cM



trans mQTL | chr3@181cM | LOD: 6.42
Methbin: chrZ_54224000 | marker:X3_16300000
CI: chr3:146.84–219cM



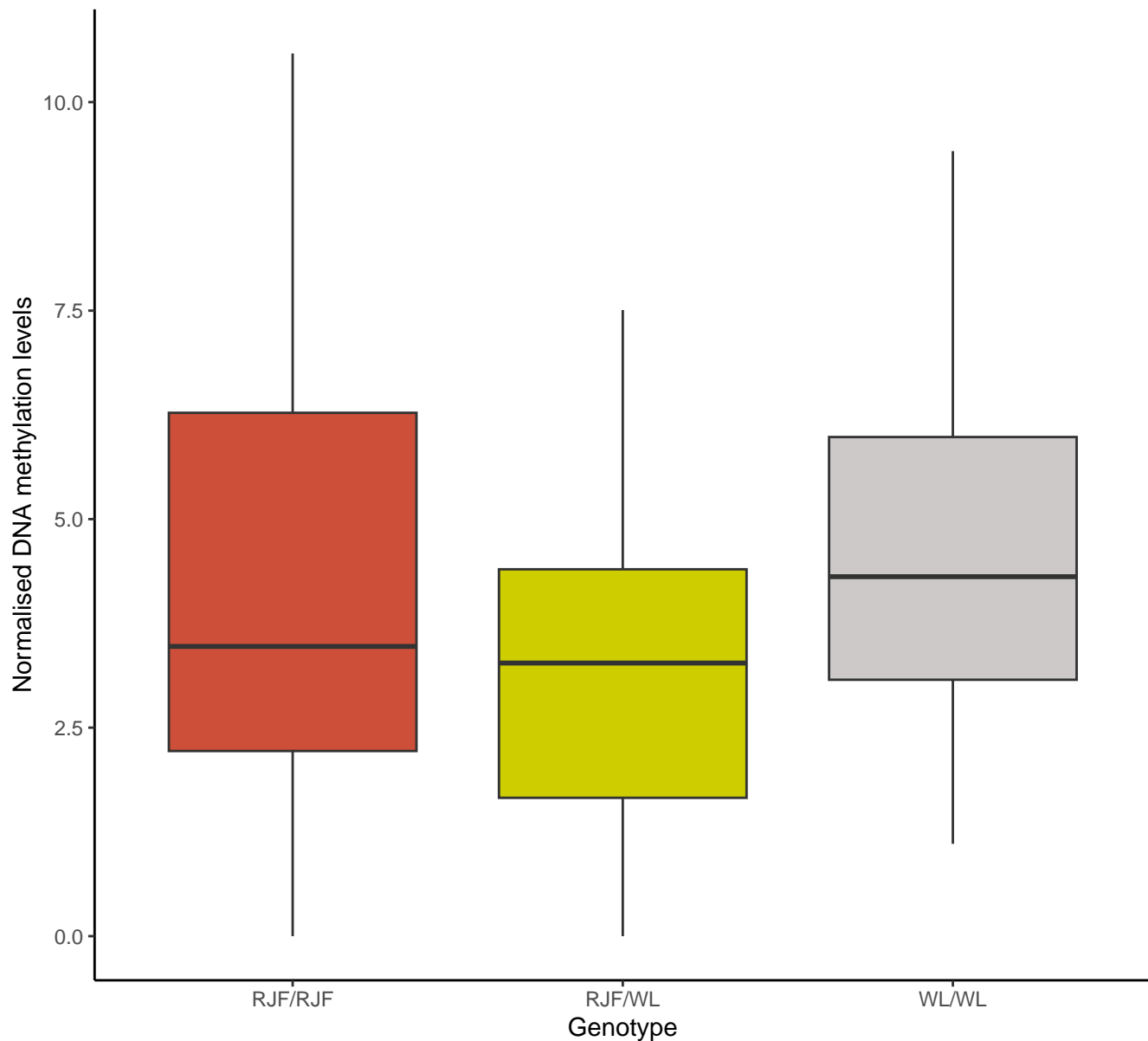
trans mQTL | chr1@1027.32cM | LOD: 6.16
Methbin: chrZ_54331000 | marker:Gg_rs14832321
CI: chr1:970.31–1050.74cM



trans mQTL | chr9@101cM | LOD: 6.03

Methbin: chrZ_54477000 | marker:Gg_rs14671718

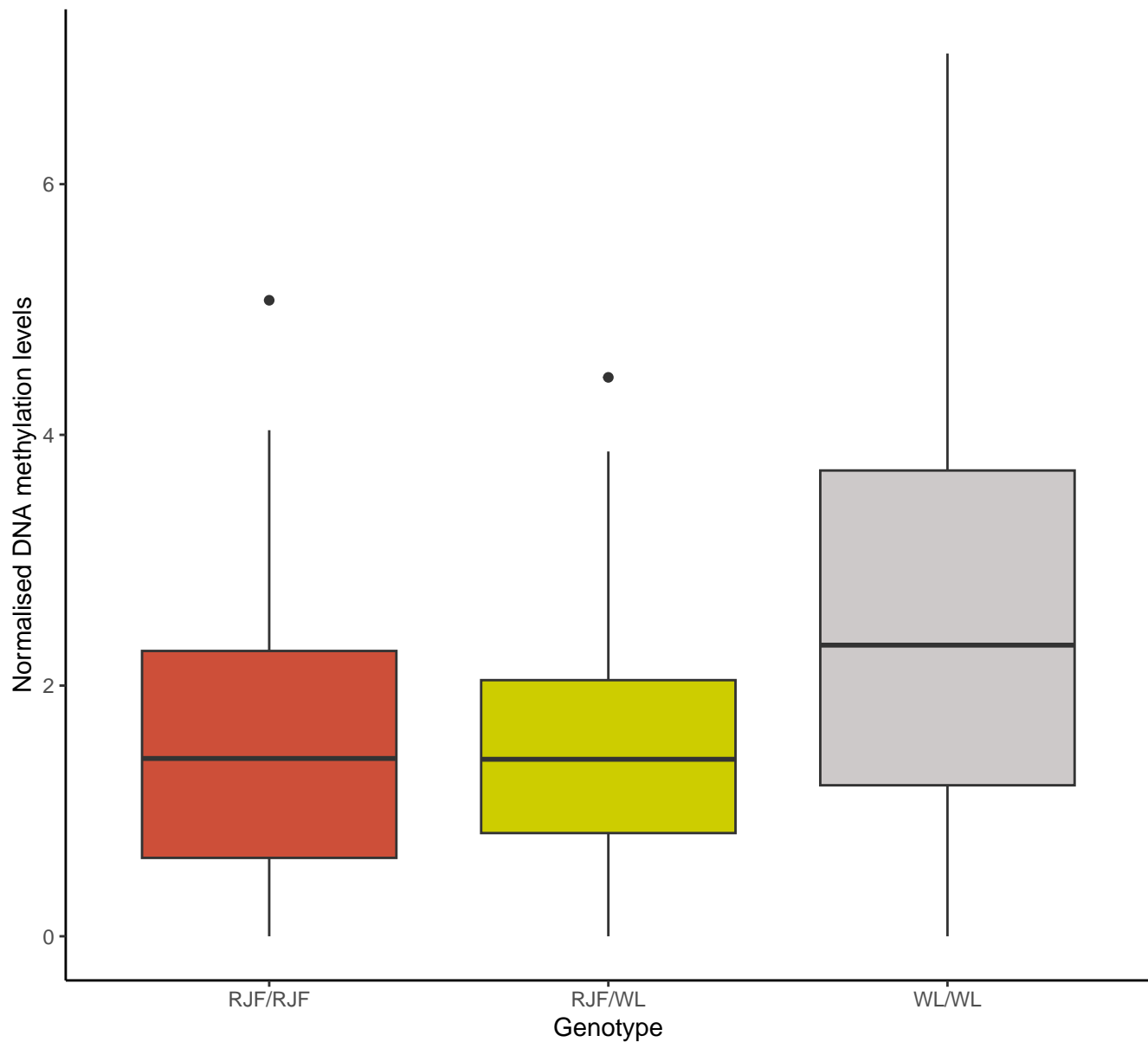
CI: chr9:86.7–117.55cM



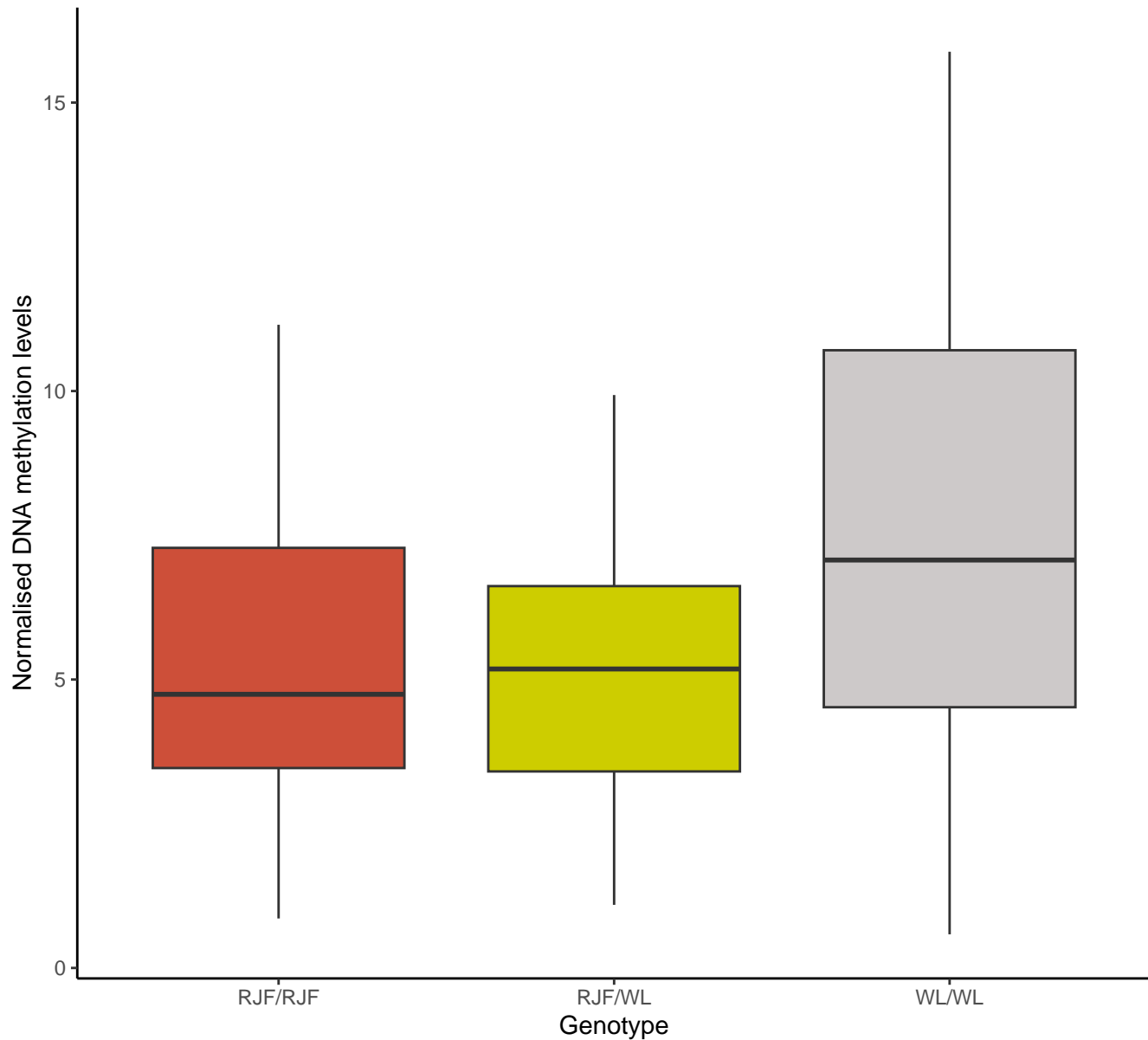
trans mQTL | chr6@112.27cM | LOD: 6.59

Methbin: chrZ_54543000 | marker:Gg_rs15773041

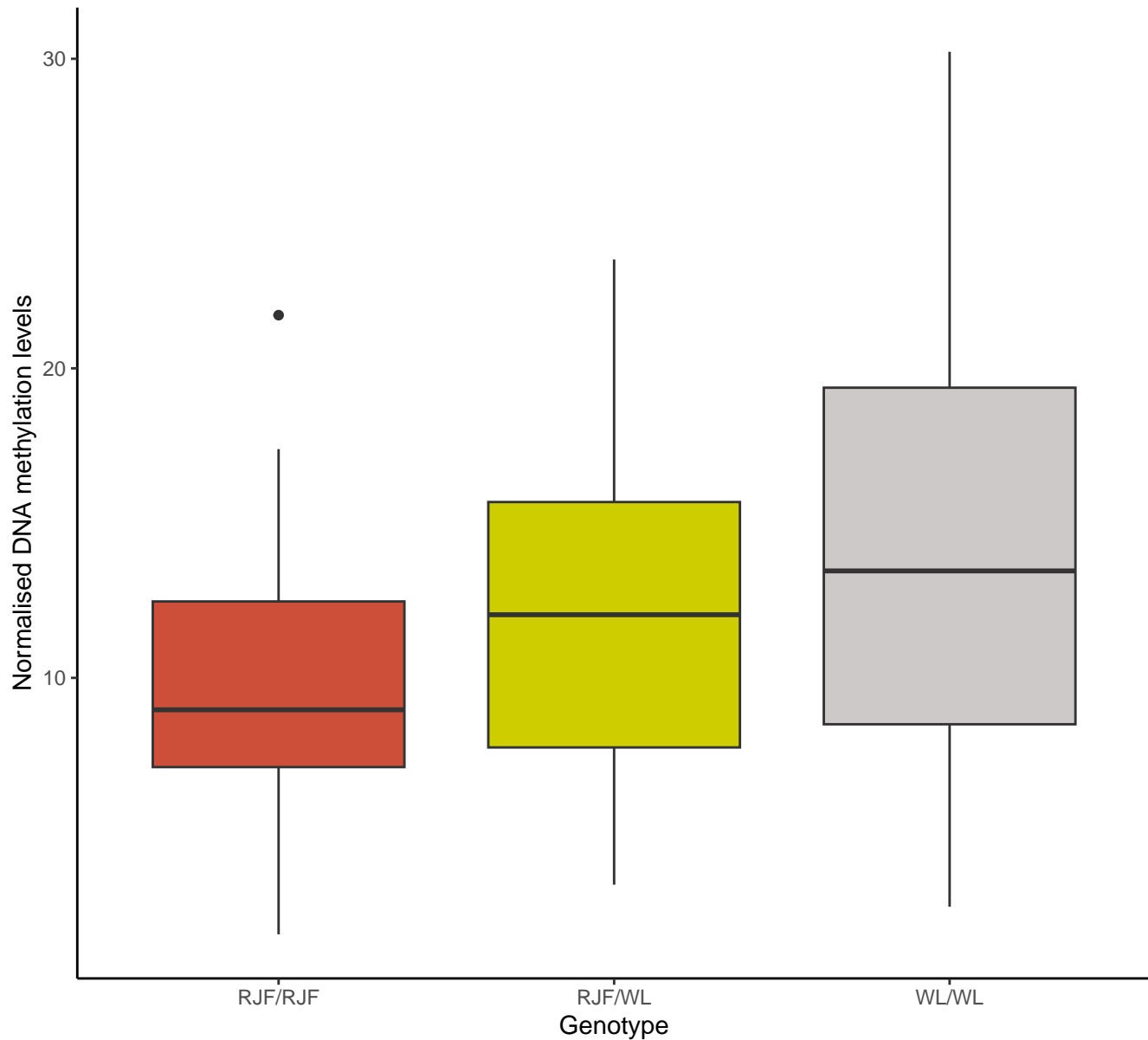
CI: chr6:105.16–126.7cM



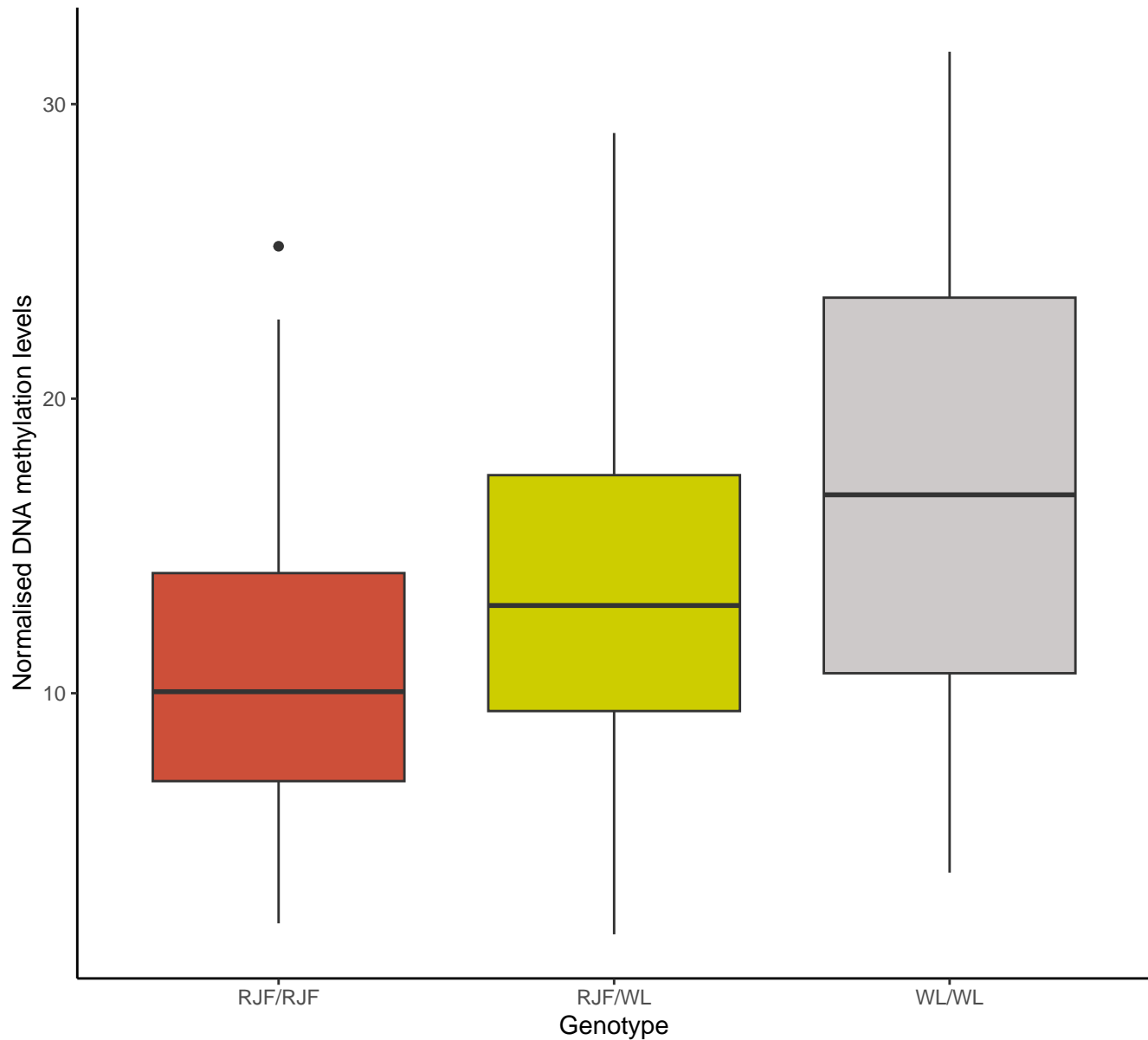
trans mQTL | chr8@103cM | LOD: 6.65
Methbin: chrZ_54561000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



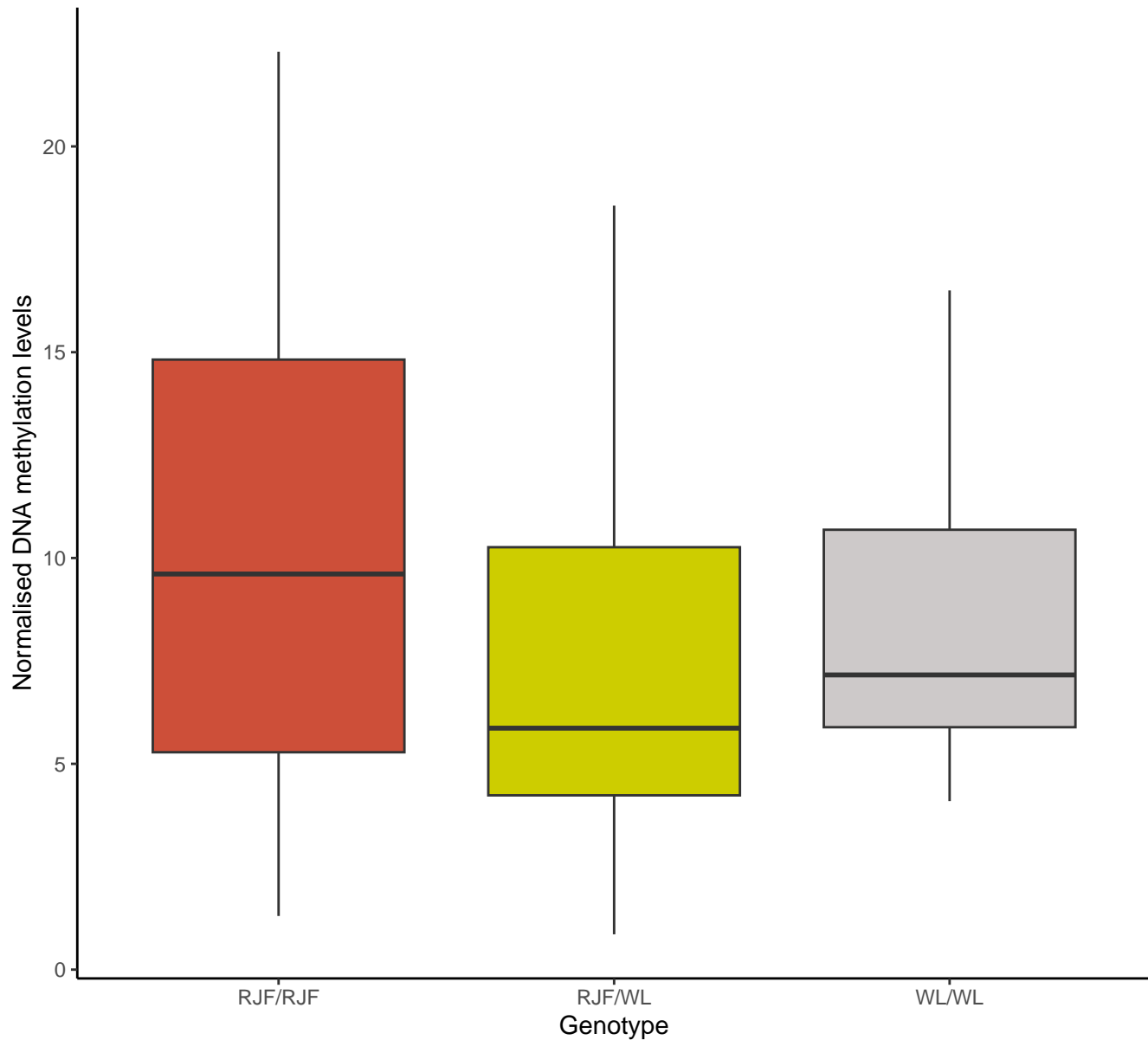
trans mQTL | chr9@120cM | LOD: 6
Methbin: chrZ_54665000 | marker:Gg_rs13608395
CI: chr9:96.99–145.29cM



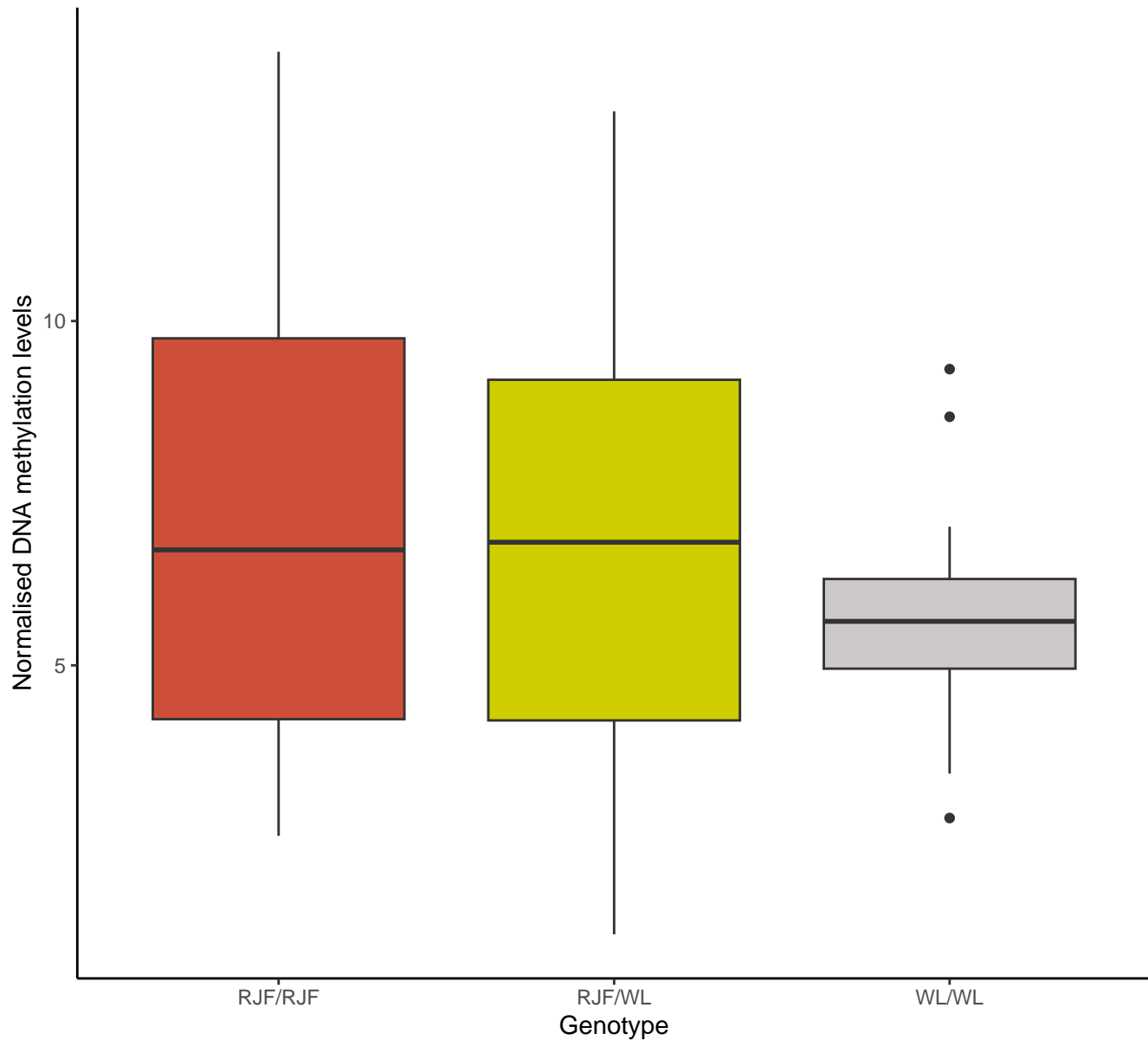
trans mQTL | chr3@219cM | LOD: 7.67
Methbin: chrZ_55776000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



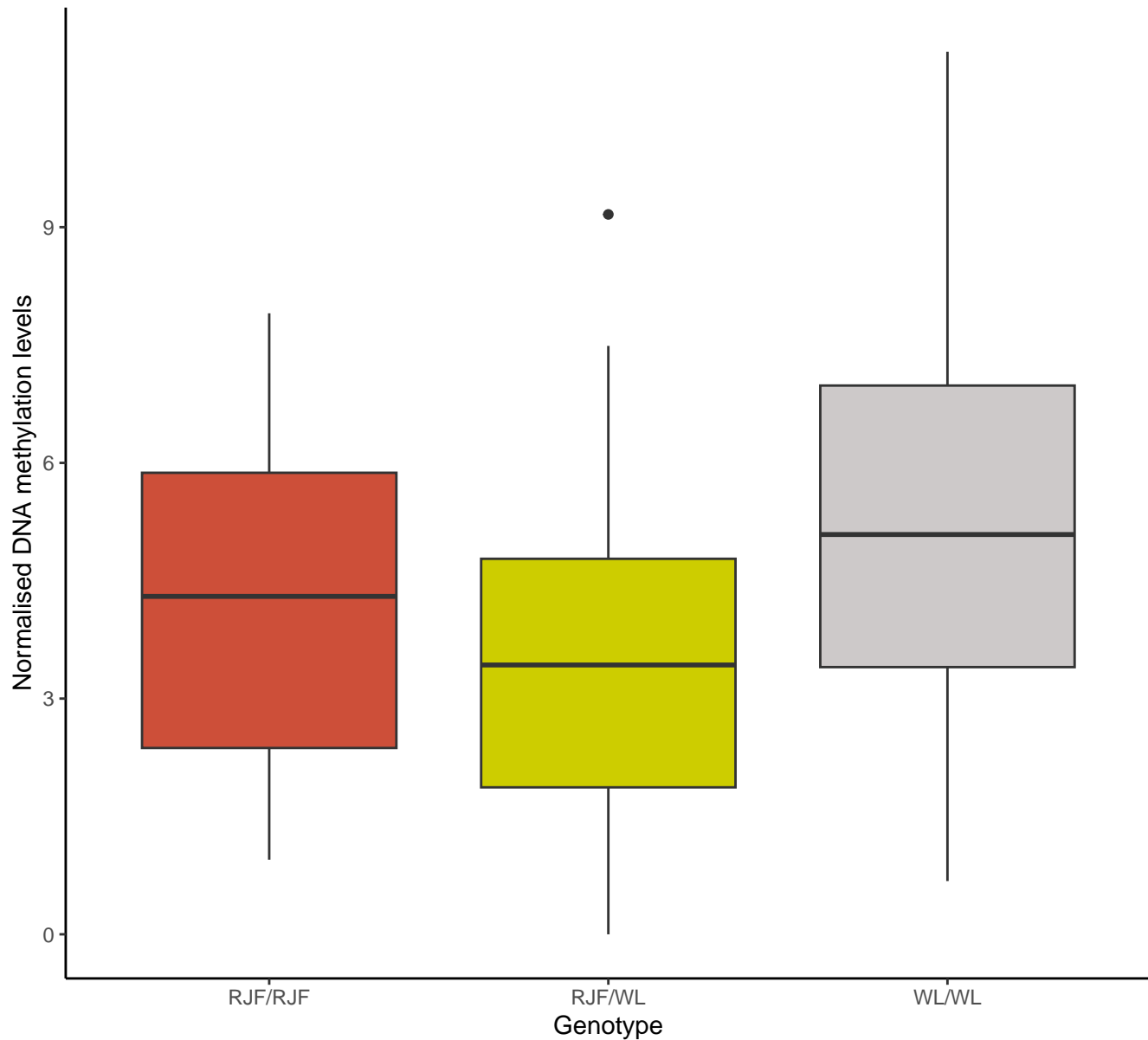
trans mQTL | chr3@355.2cM | LOD: 7
Methbin: chrZ_55832000 | marker:X3_36969573
CI: chr3:351.44–361.42cM



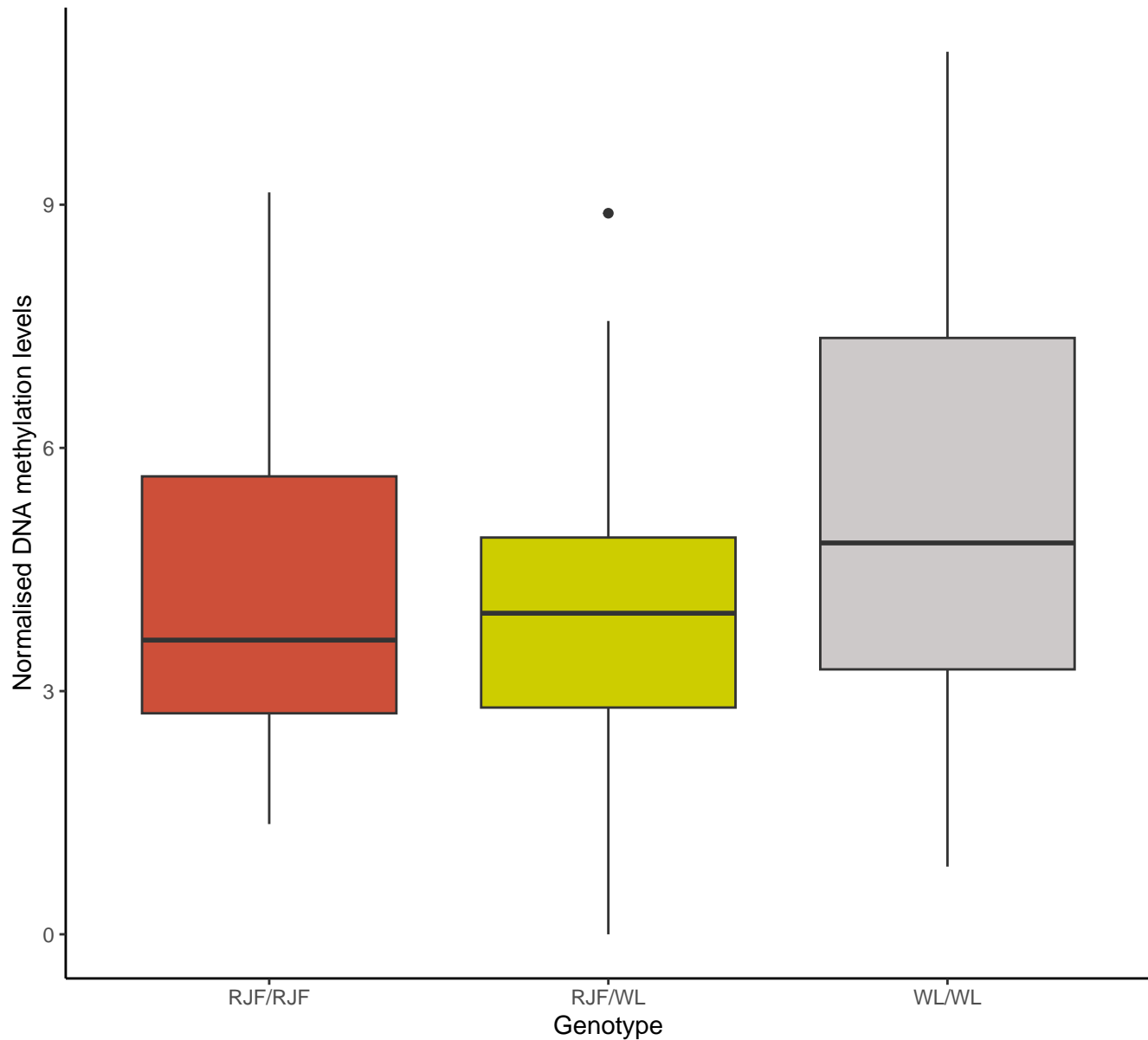
trans mQTL | chr8@0cM | LOD: 6.88
Methbin: chrZ_55912000 | marker:RBL4827
CI: chr8:0–21.19cM



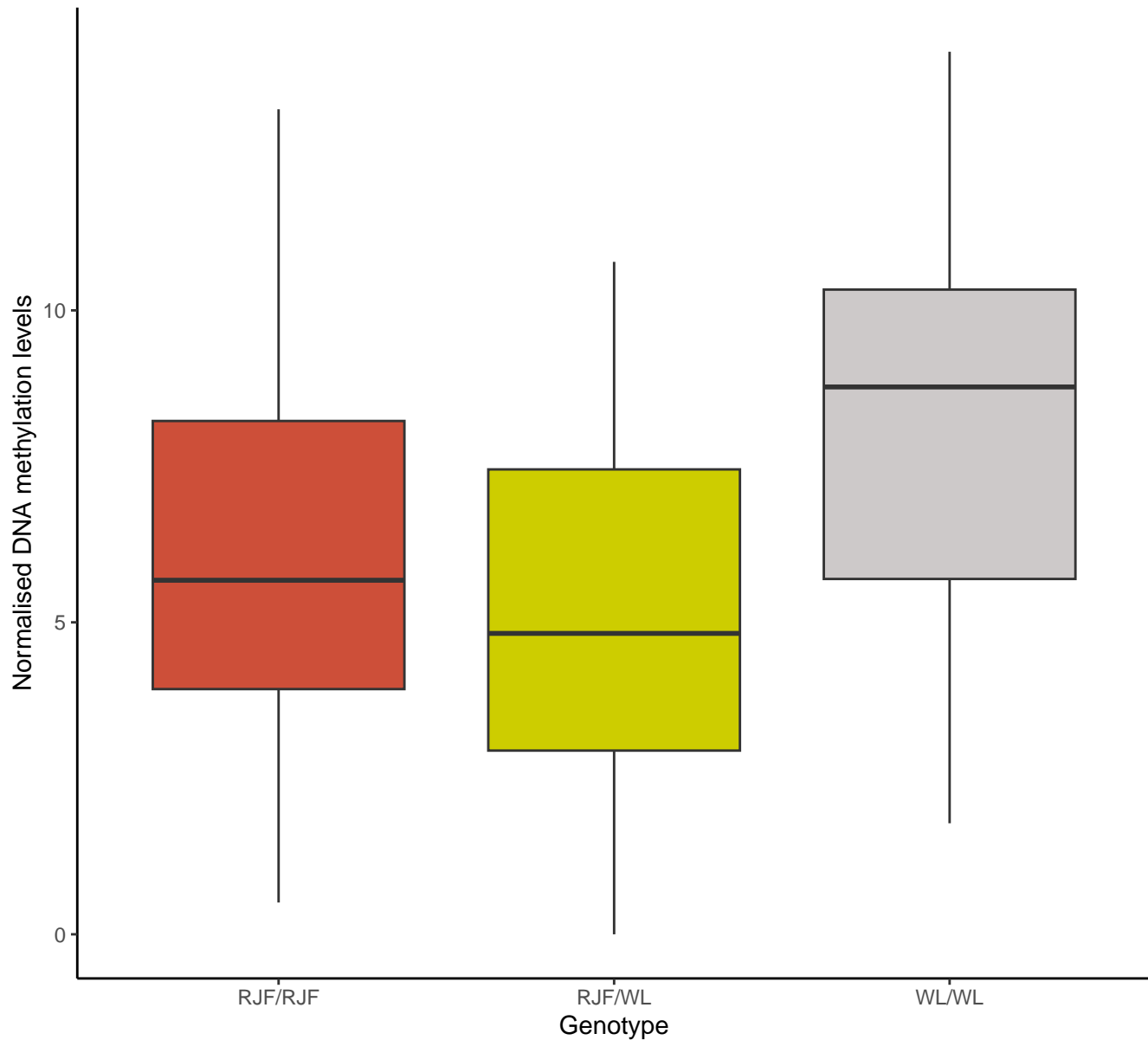
trans mQTL | chr2@98cM | LOD: 6.52
Methbin: chrZ_56730000 | marker:Gg_rs15060526
CI: chr2:90.91–145.68cM



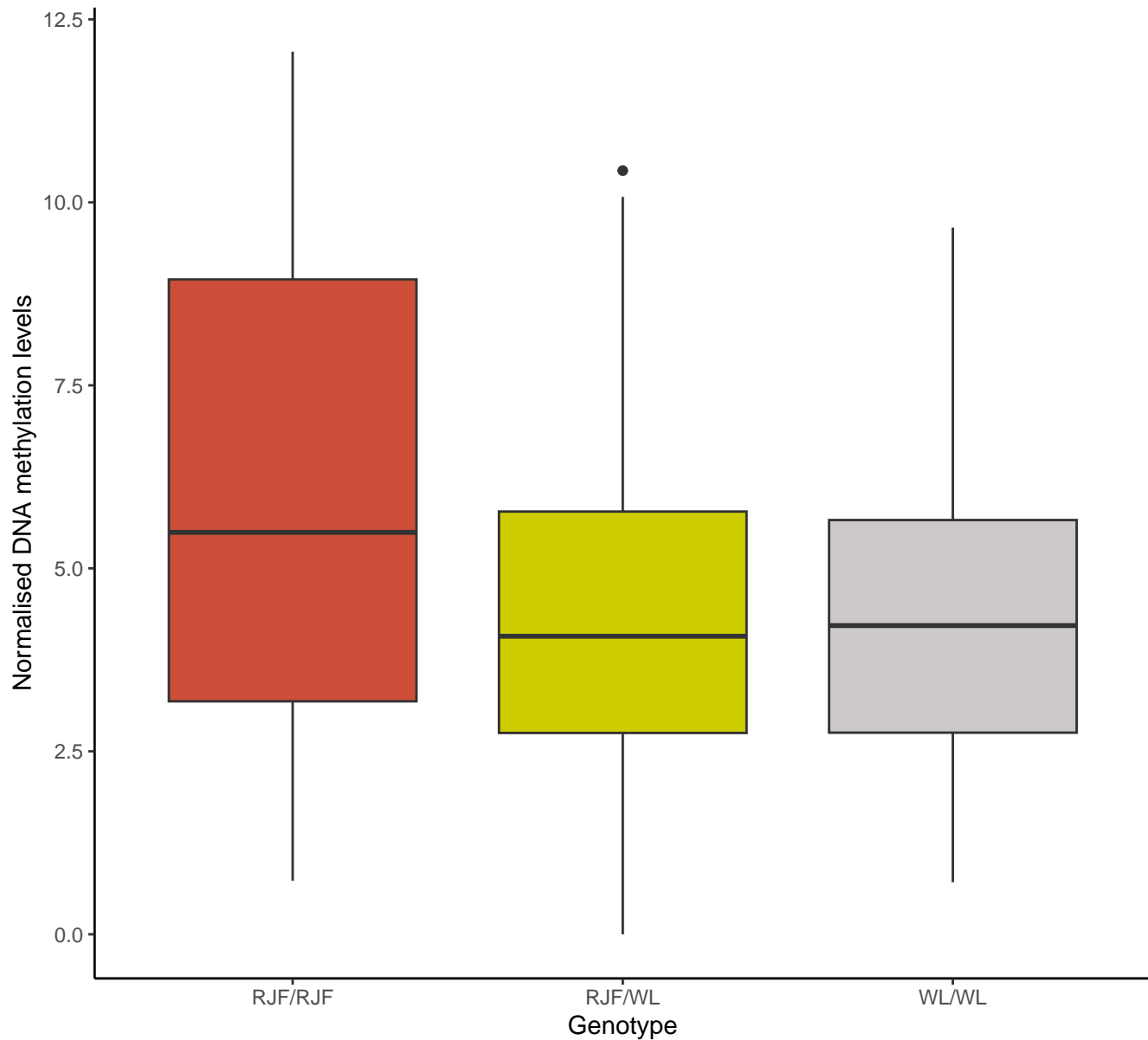
trans mQTL | chr2@90.91cM | LOD: 5.95
Methbin: chrZ_56737000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



trans mQTL | chr2@724.04cM | LOD: 6.07
Methbin: chrZ_57003000 | marker:Gg_rs14208289
CI: chr2:693.4–740.86cM



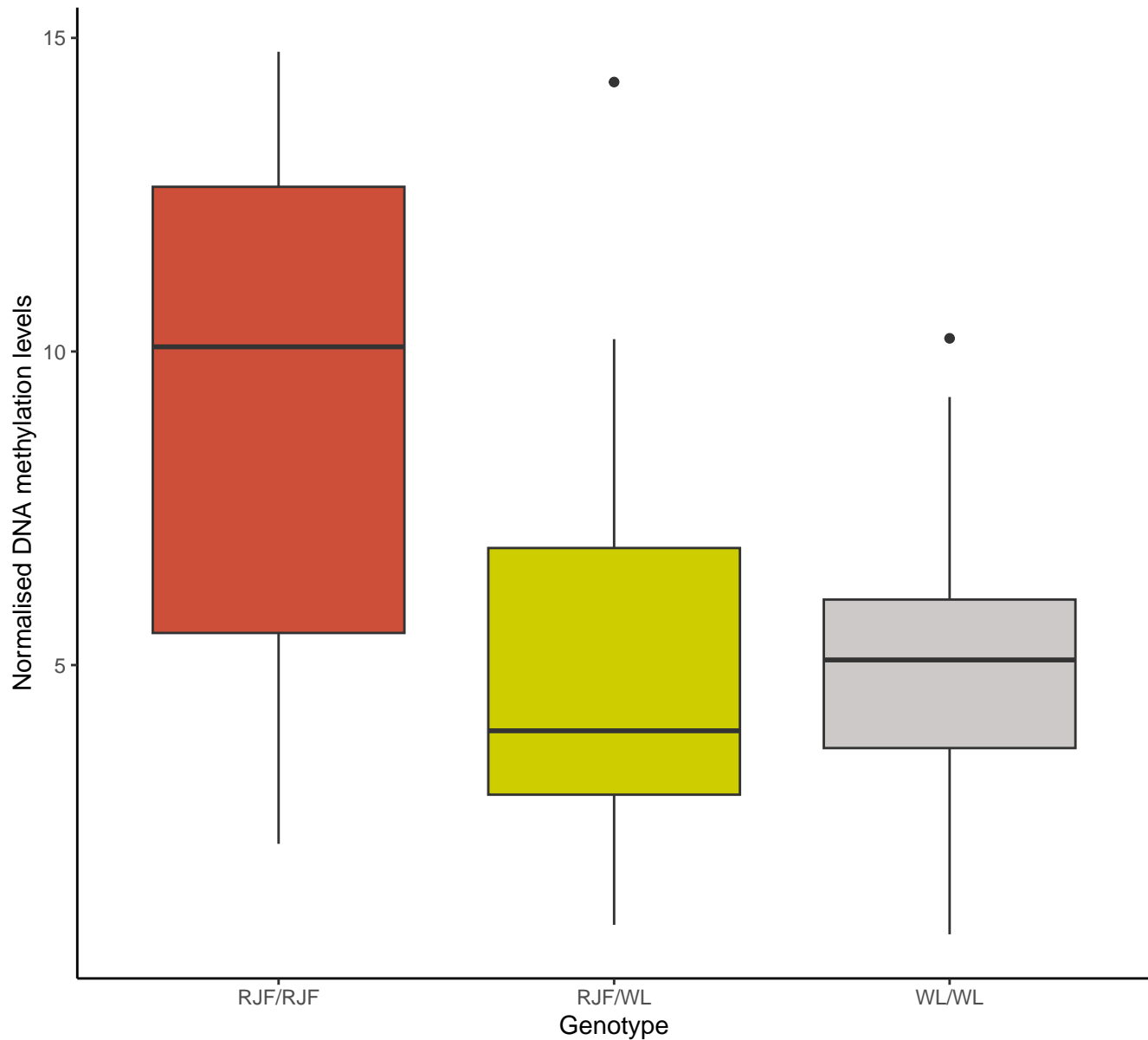
trans mQTL | chr18@49.31cM | LOD: 6.18
Methbin: chrZ_57312000 | marker:X18_4226902
CI: chr18:49.31–73.42cM



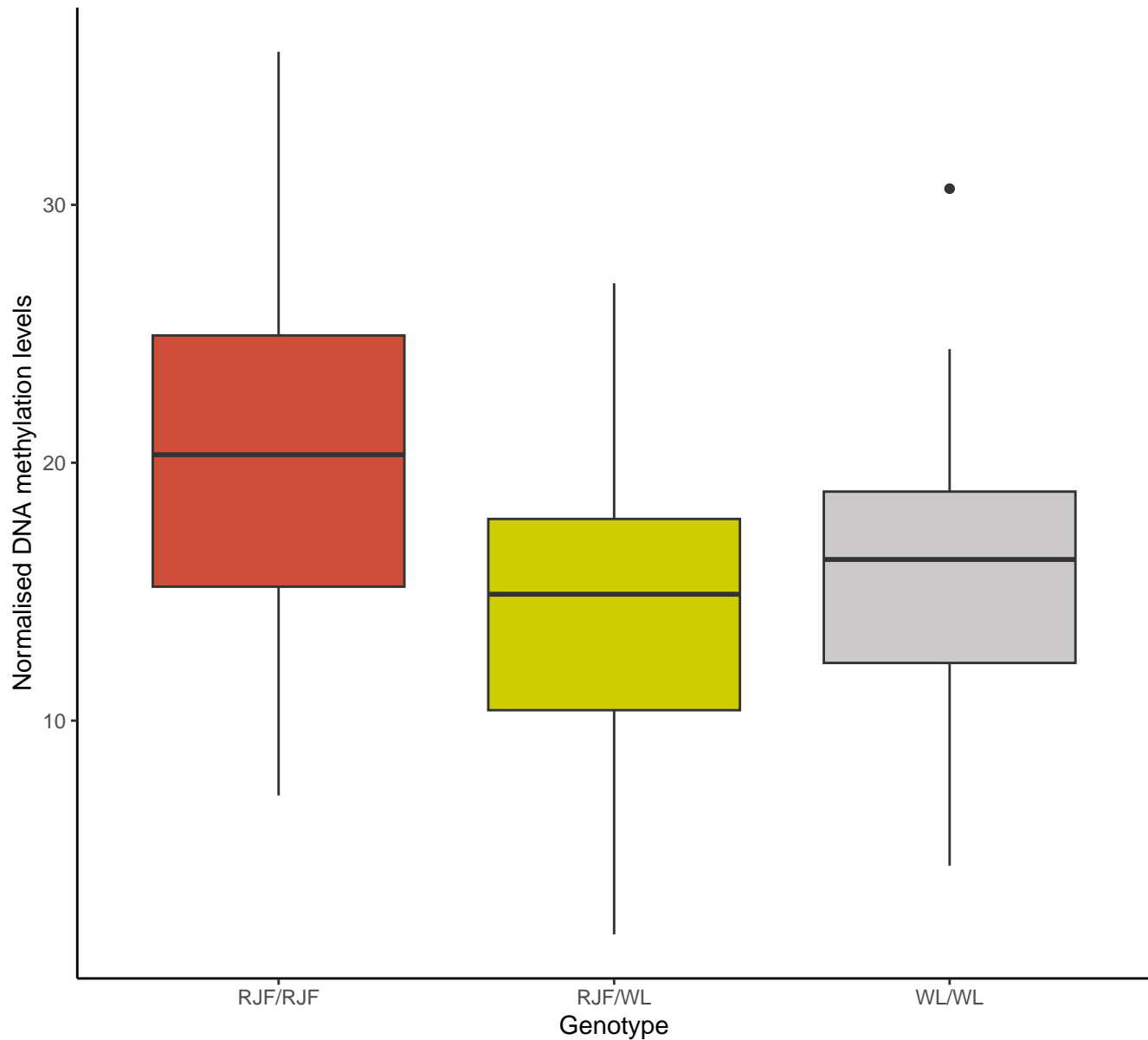
trans mQTL | chr5@182.4cM | LOD: 8.78

Methbin: chrZ_58074000 | marker:Gg_rs15679503

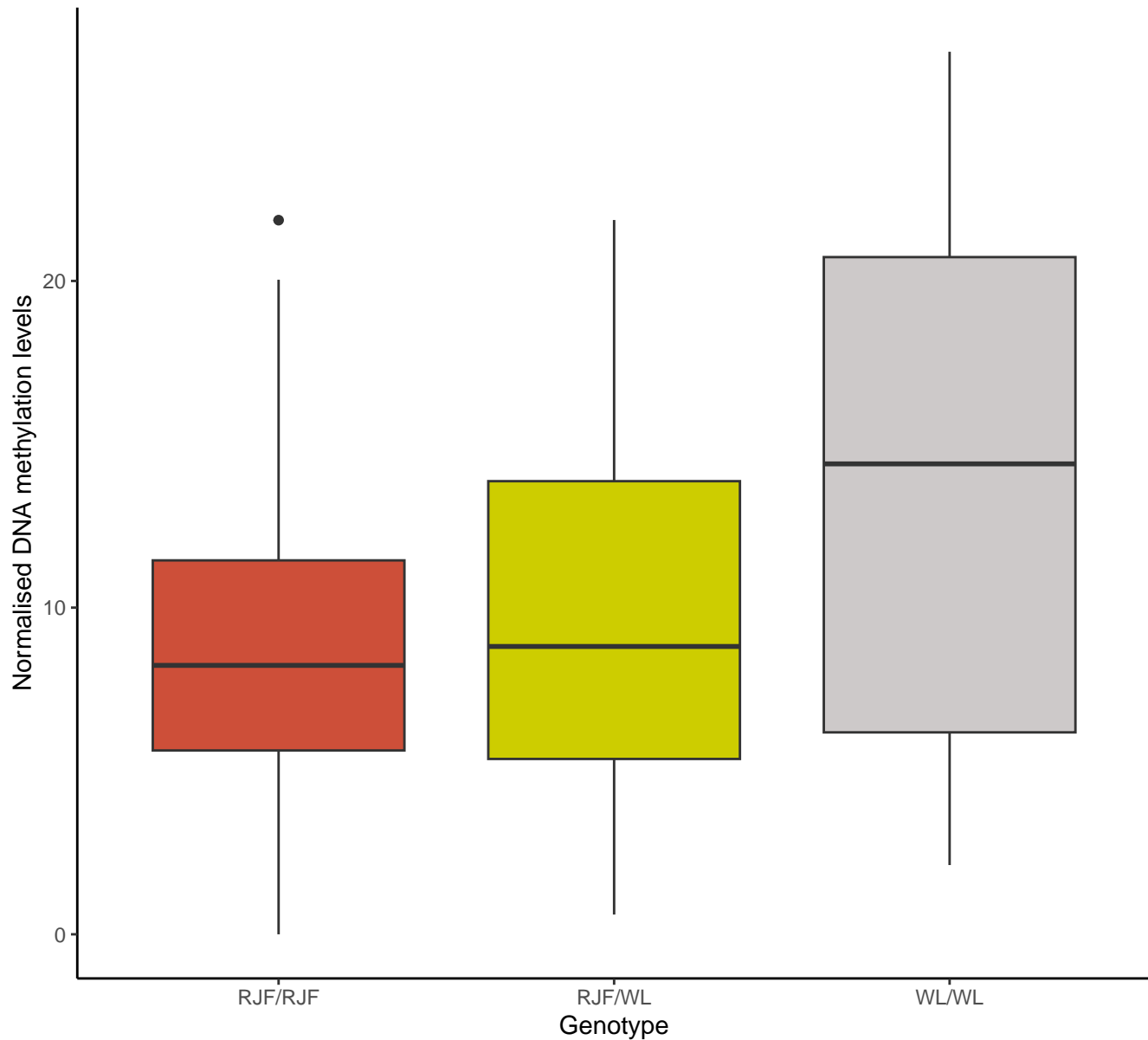
CI: chr5:131.24–200.39cM



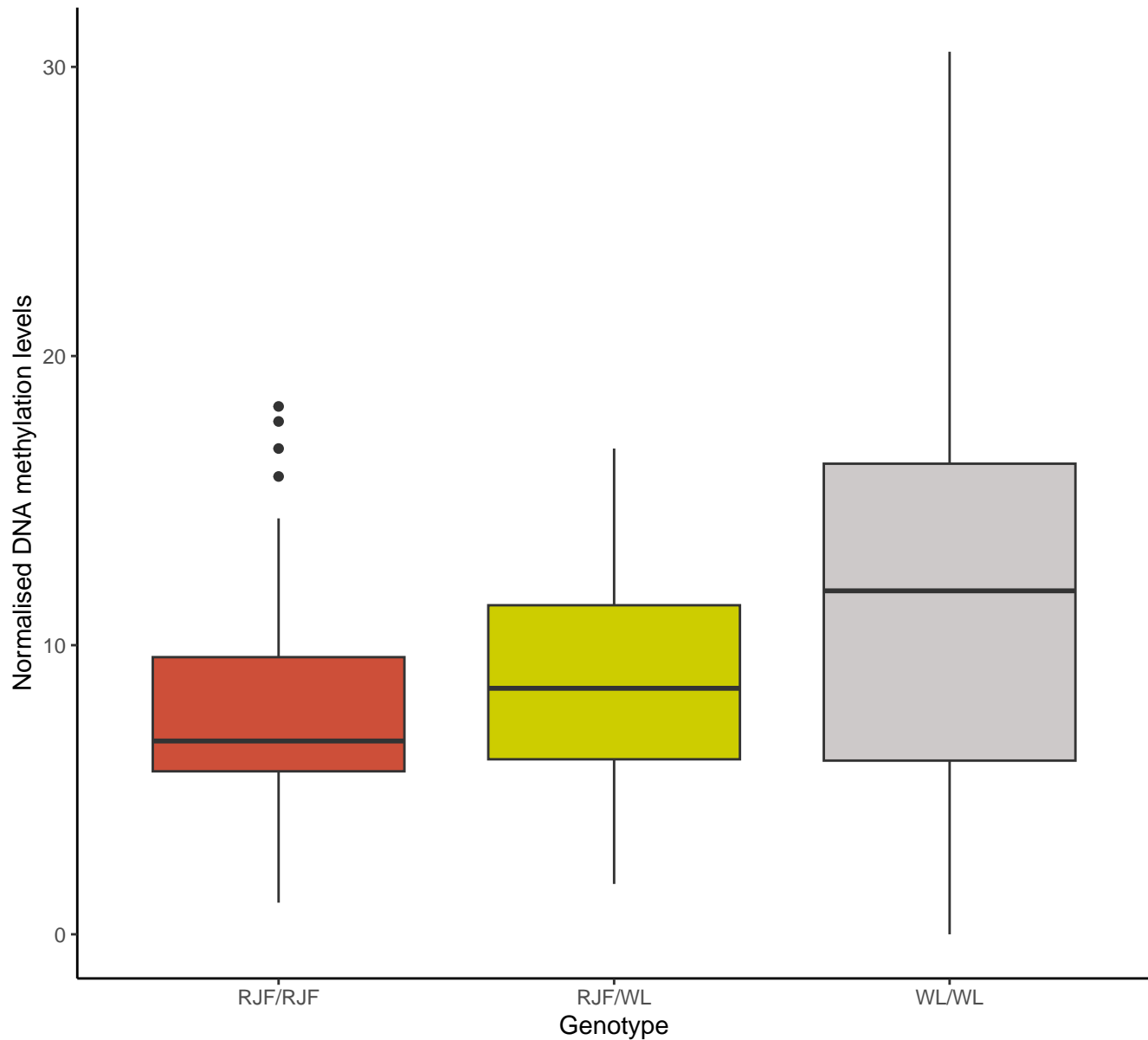
trans mQTL | chr2@1162.46cM | LOD: 6.09
Methbin: chrZ_58127000 | marker:Gg_rs16155378
CI: chr2:1139.07–1184.59cM



trans mQTL | chr3@219cM | LOD: 7.12
Methbin: chrZ_58555000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



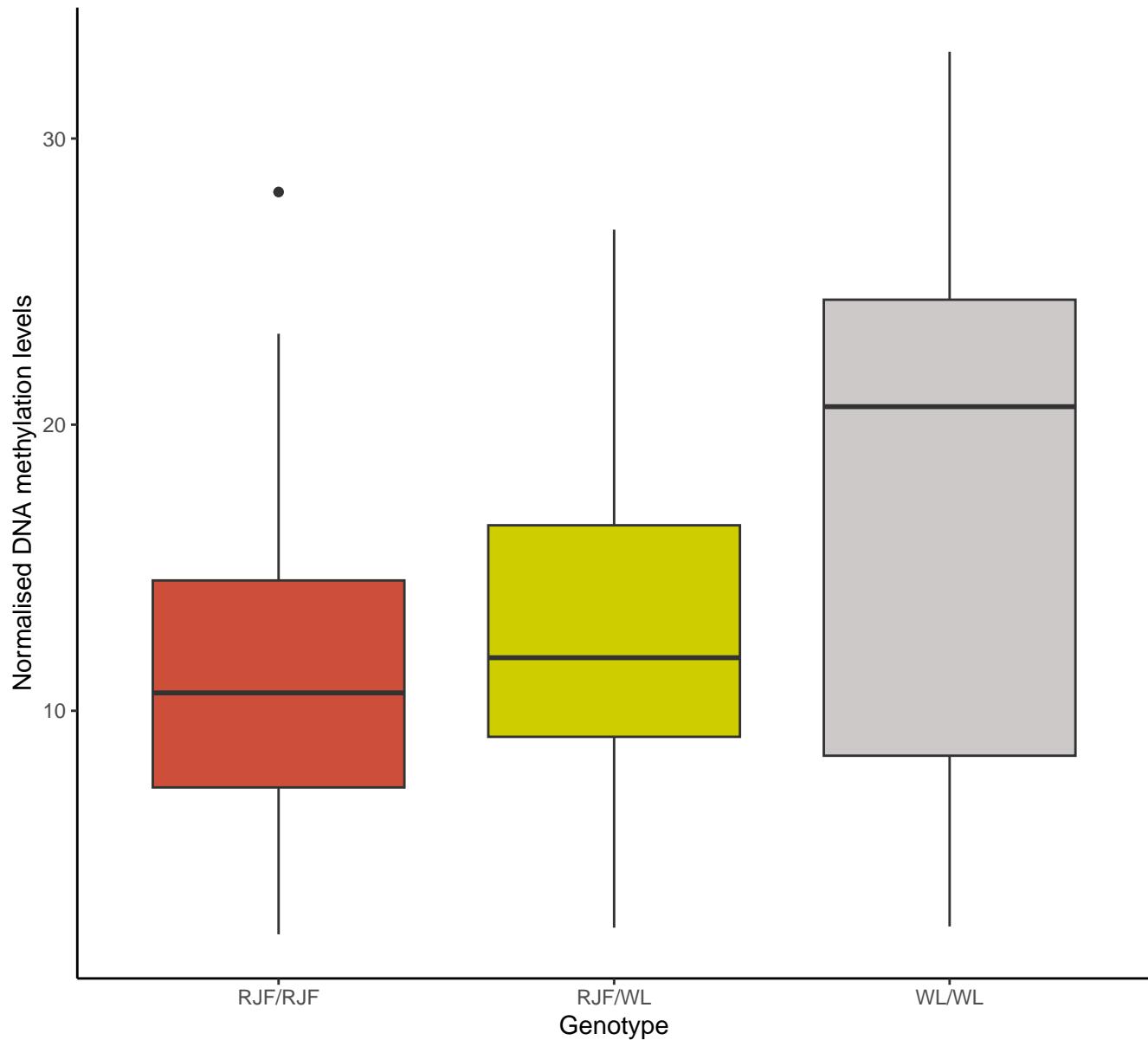
trans mQTL | chr3@219cM | LOD: 6.09
Methbin: chrZ_58558000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.08

Methbin: chrZ_58559000 | marker:Gg_rs15282380

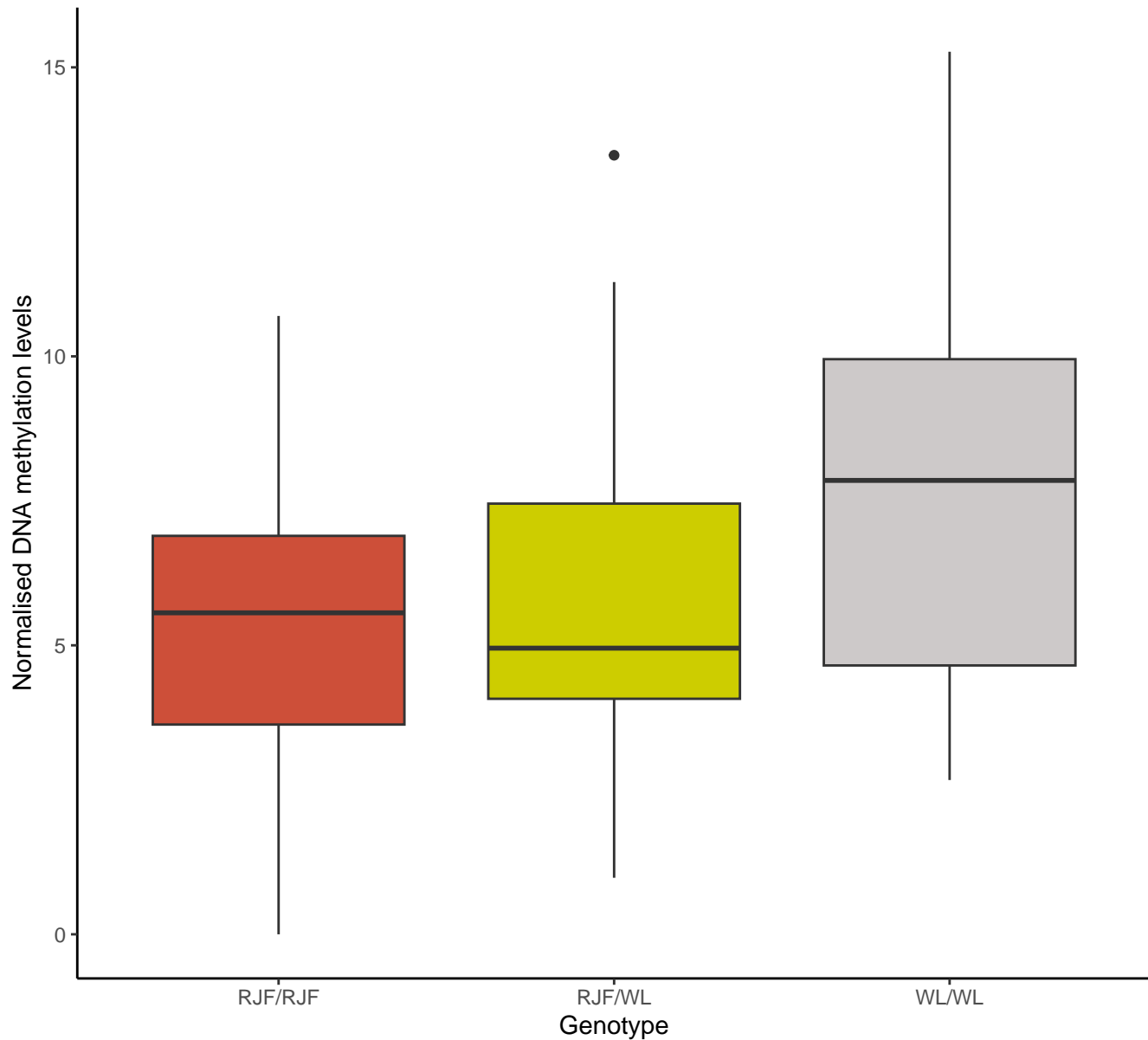
CI: chr3:181–270.84cM



trans mQTL | chr2@730.39cM | LOD: 7.36

Methbin: chrZ_58638000 | marker:snp.12.170.1166.S.1

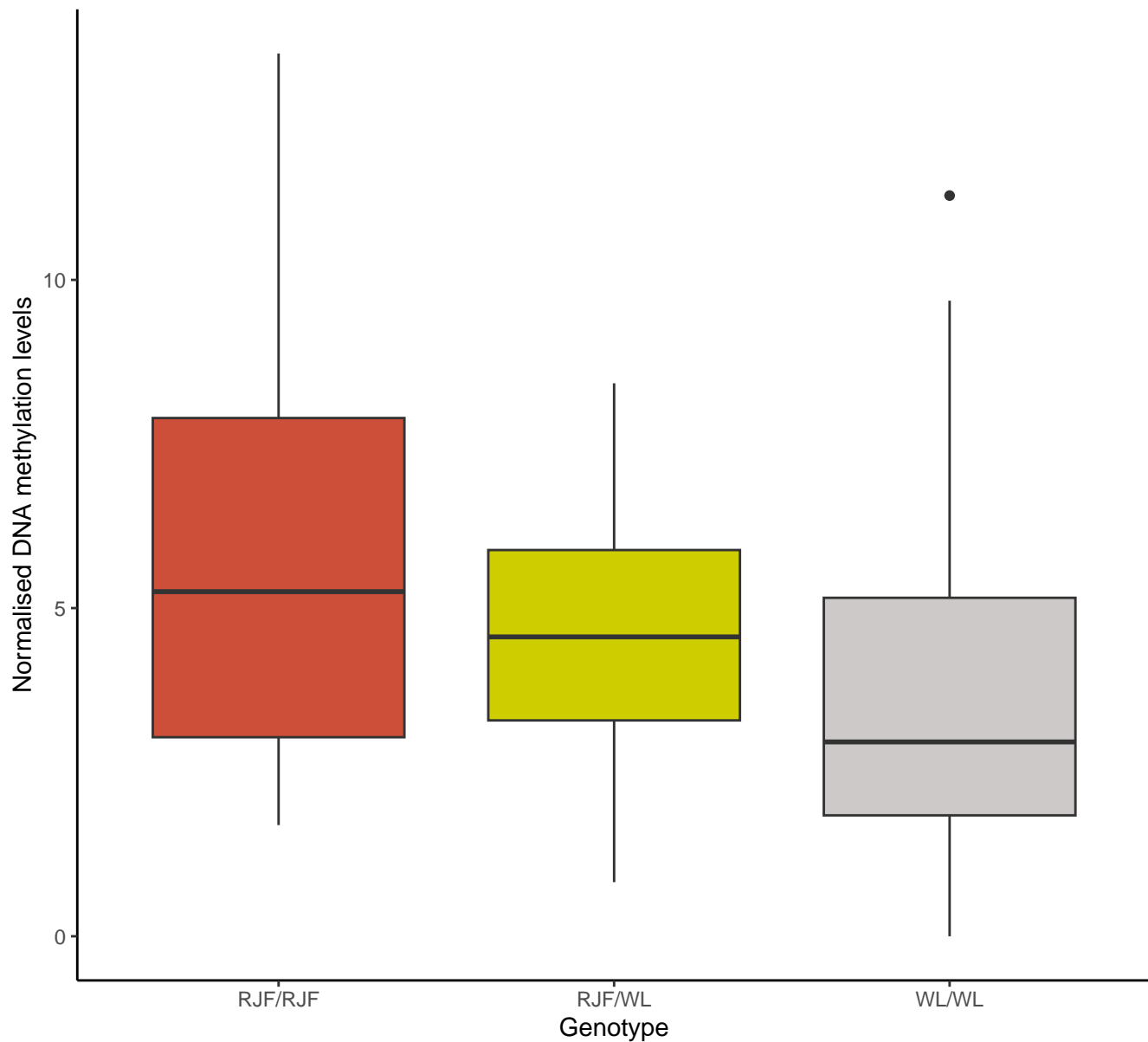
CI: chr2:712.97–740.86cM



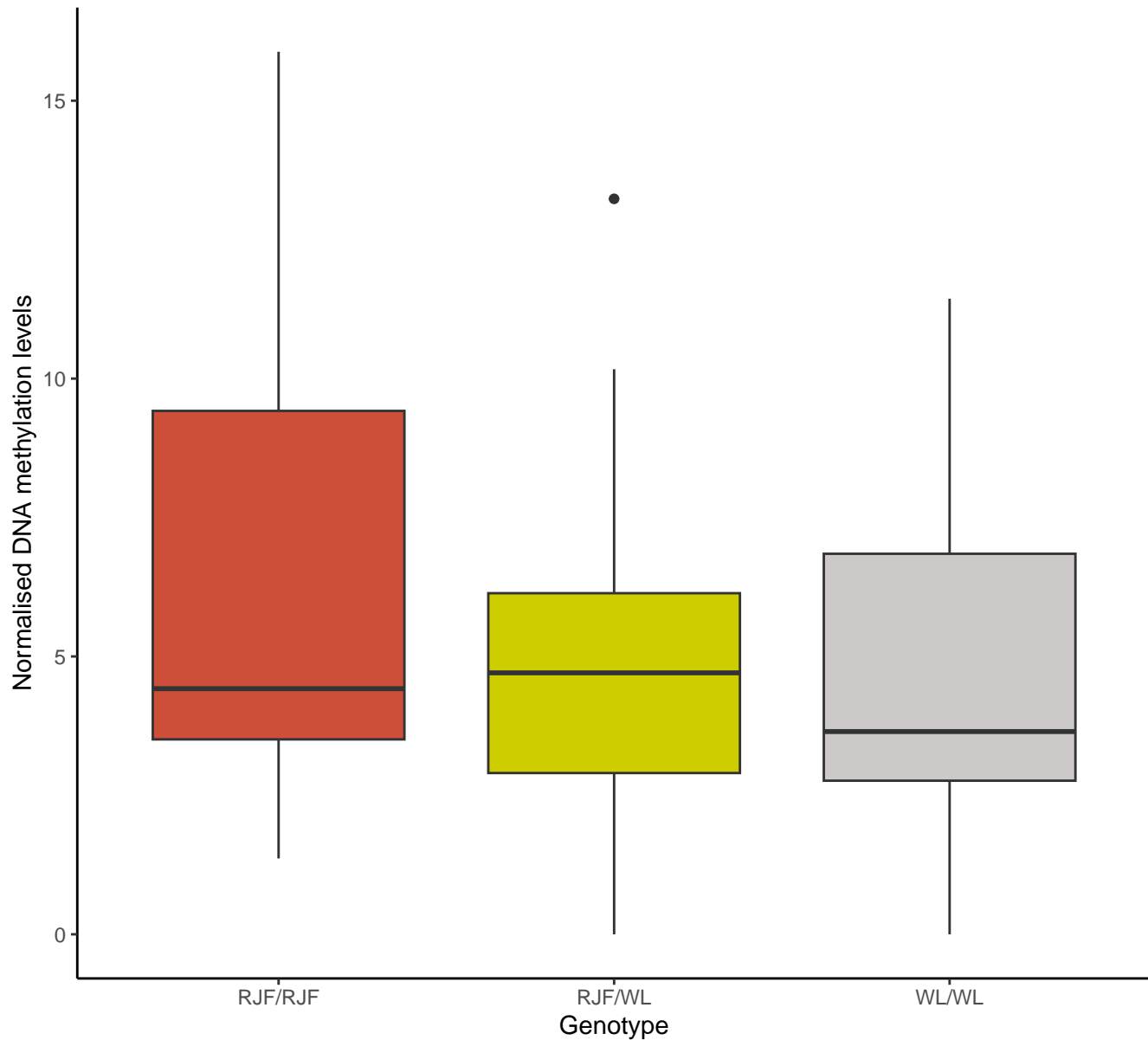
trans mQTL | chr1 @ 1509.38cM | LOD: 6.87

Methbin: chrZ_59081000 | marker:snp.26.313.24162.S.2

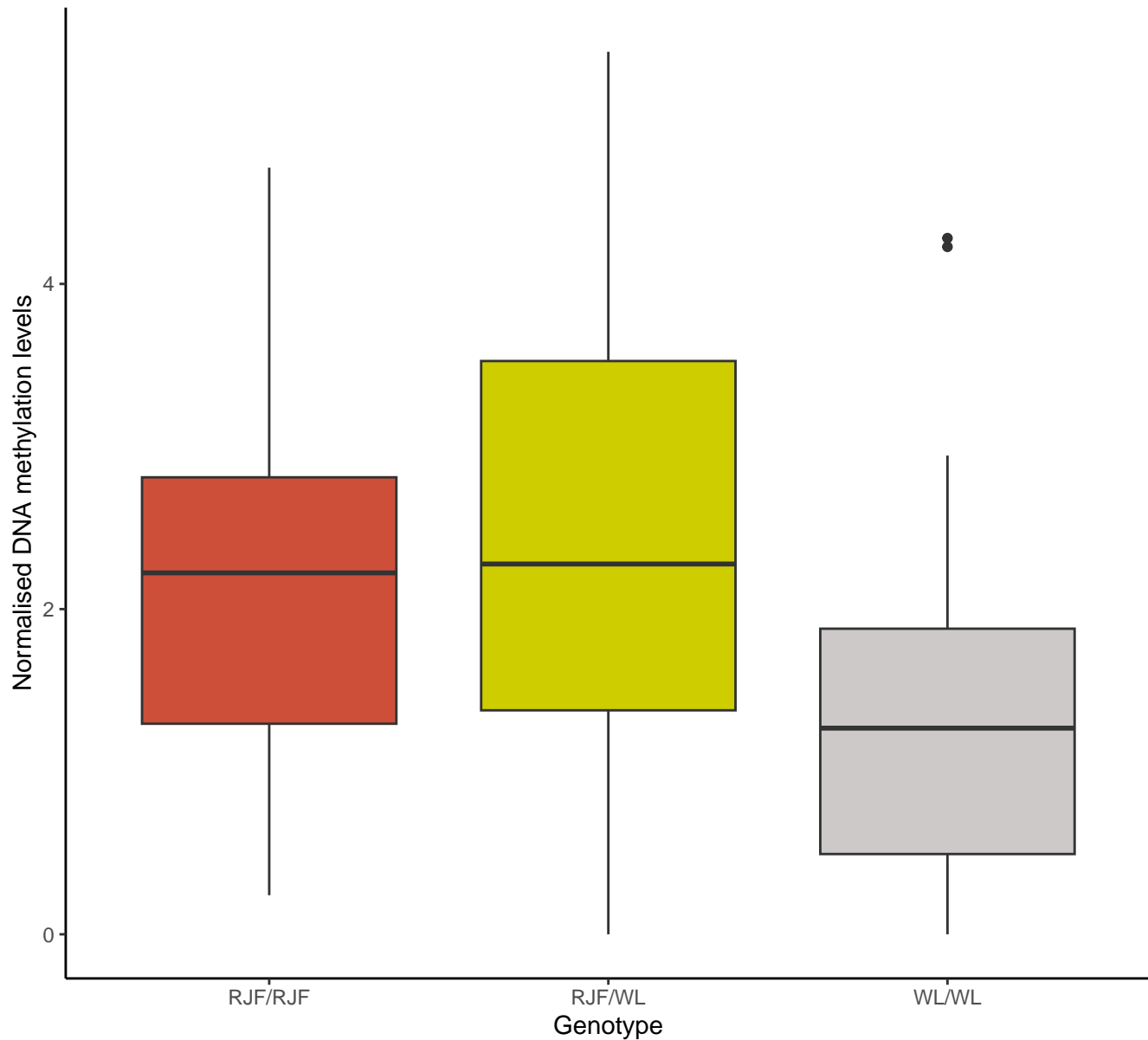
CI: chr1:1417.54–1594.82cM



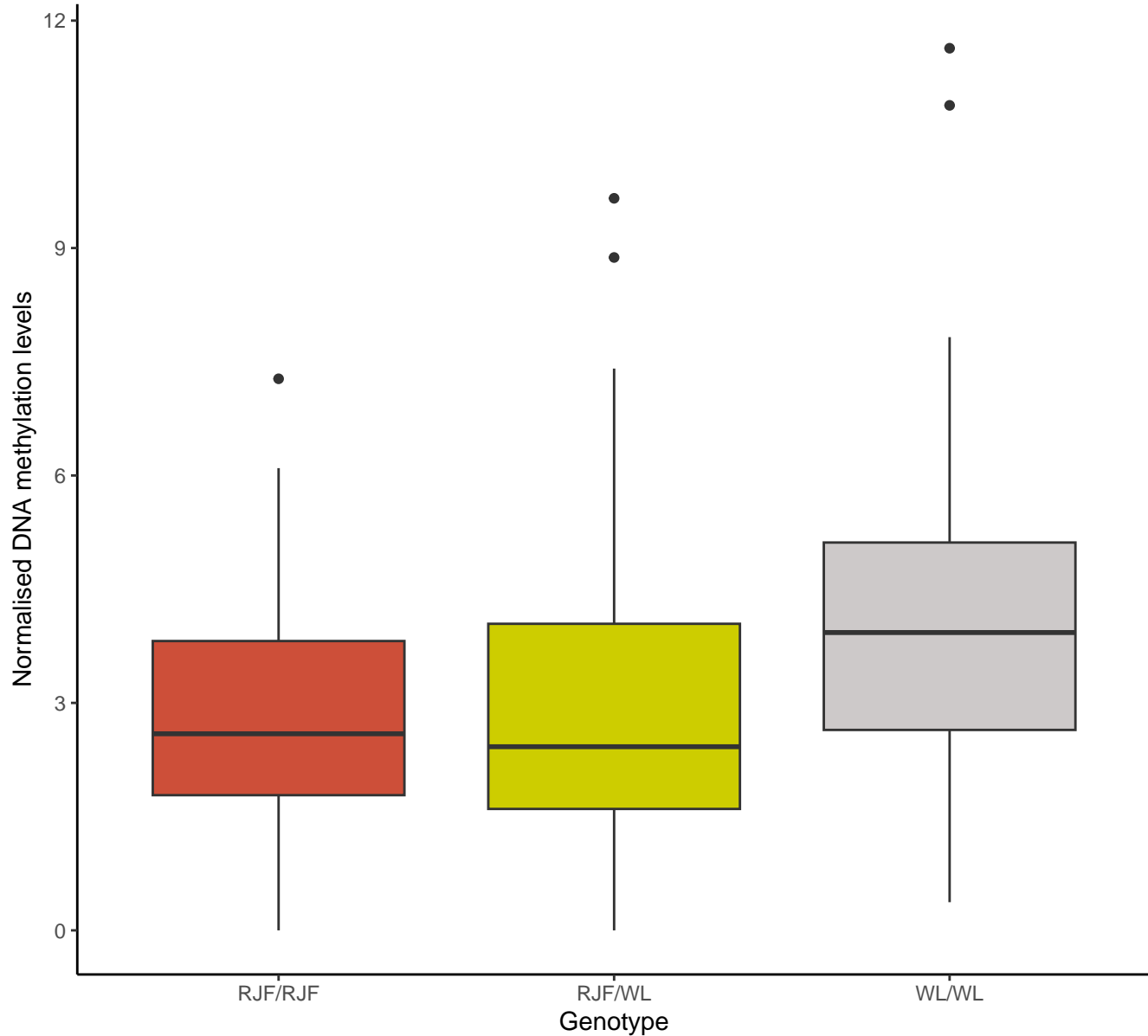
trans mQTL | chr1@1410.84cM | LOD: 6.15
Methbin: chrZ_59454000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



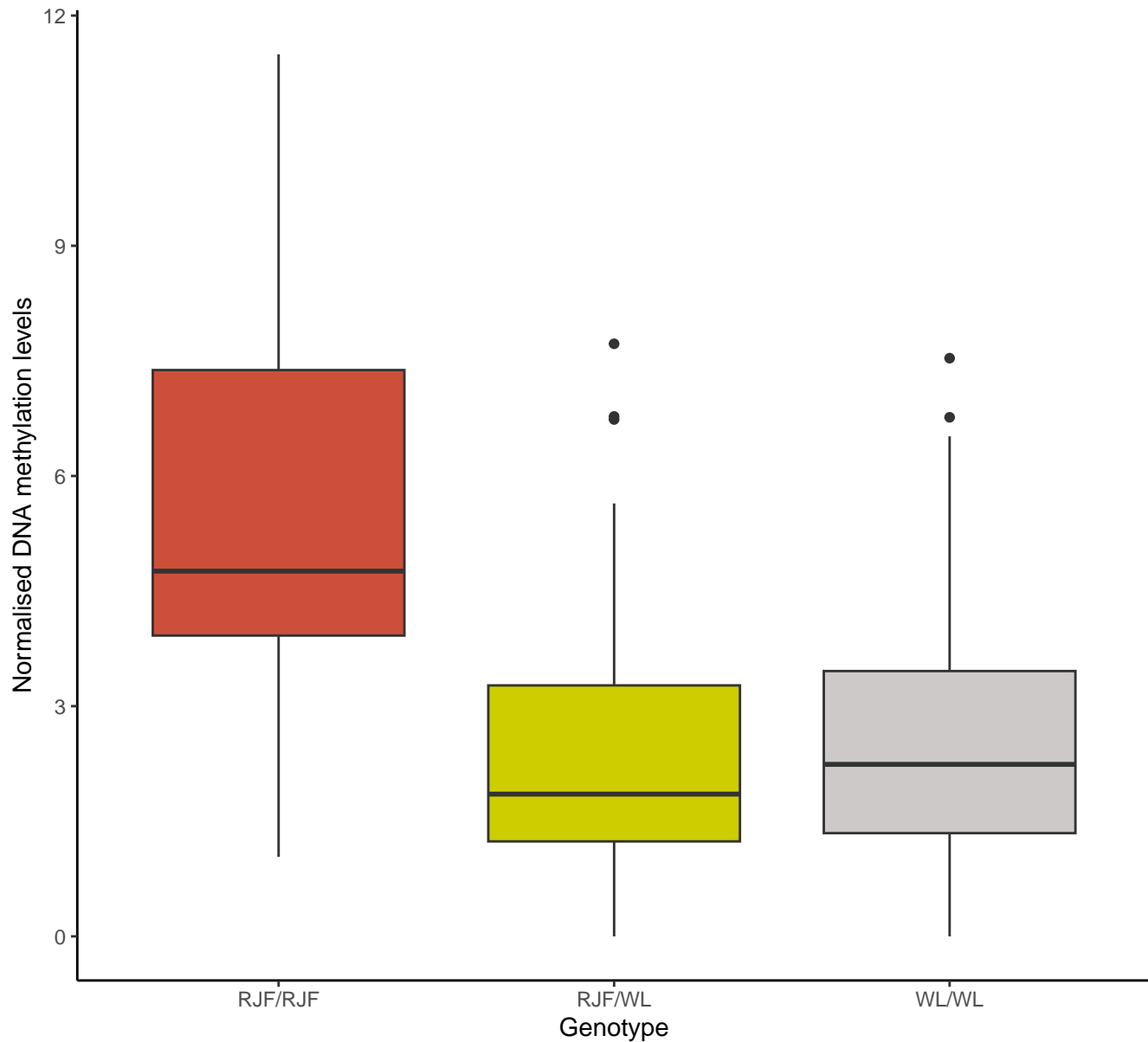
trans mQTL | chr8@0cM | LOD: 6.15
Methbin: chrZ_59478000 | marker:RBL4827
CI: chr8:0–21.19cM



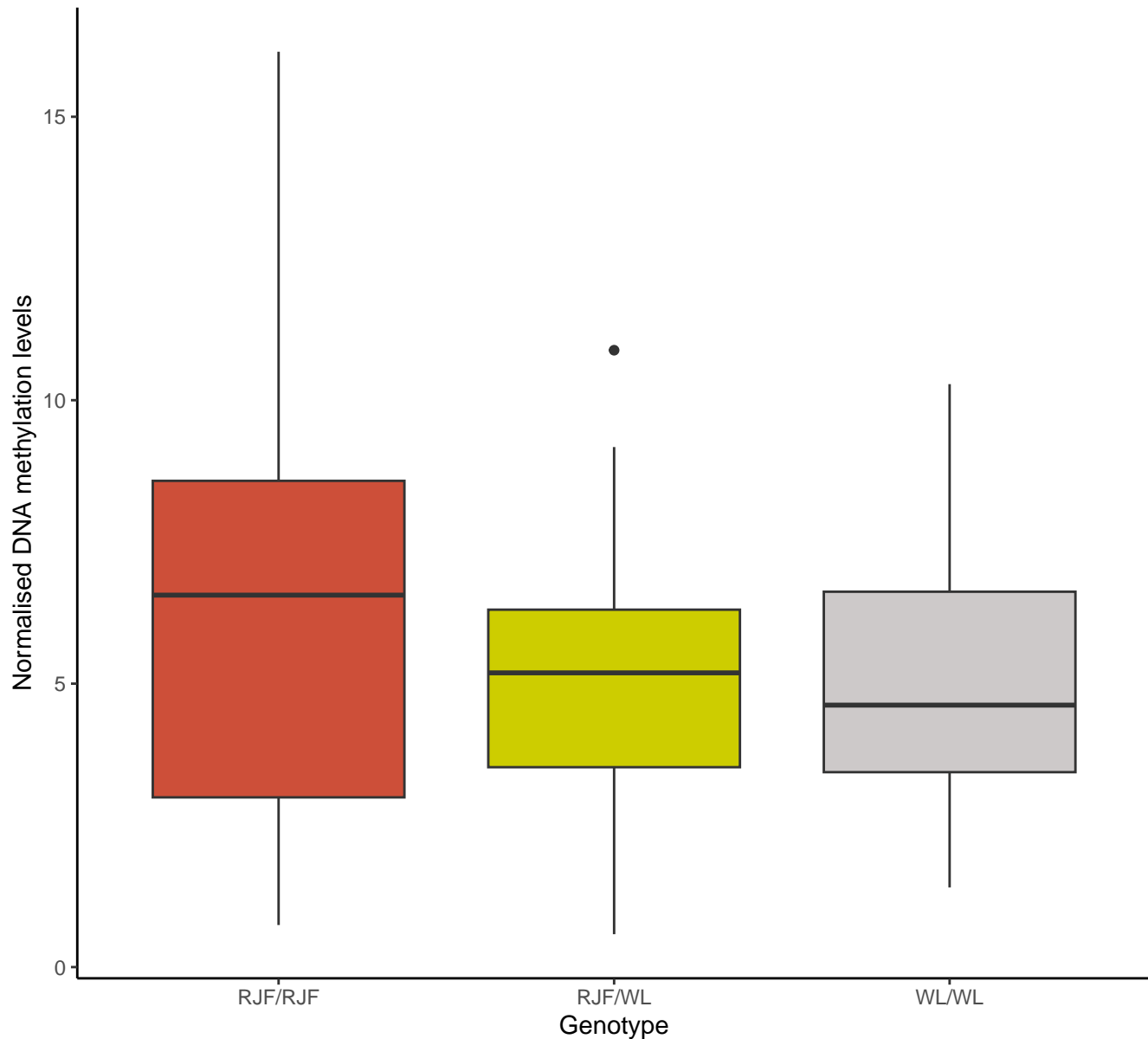
trans mQTL | chr4@0cM | LOD: 6.02
Methbin: chrZ_59493000 | marker:X4_1267185
CI: chr4:0-447.89cM



trans mQTL | chr5@182.4cM | LOD: 7.67
Methbin: chrZ_59786000 | marker:Gg_rs15679503
CI: chr5:131.24–200.39cM



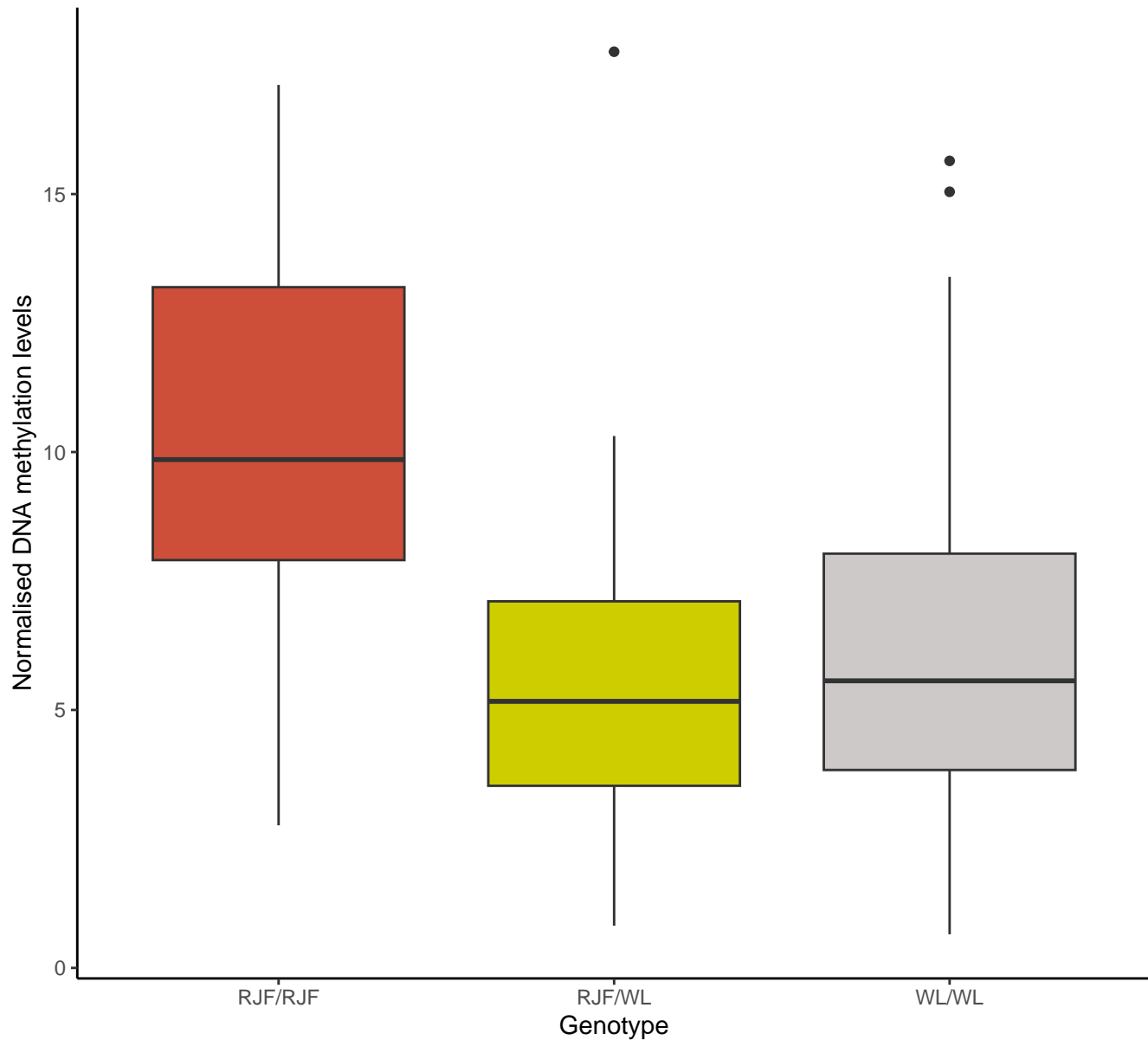
trans mQTL | chr3@375.03cM | LOD: 6.08
Methbin: chrZ_59968000 | marker:Gg_rs13675715
CI: chr3:351.44–400.93cM



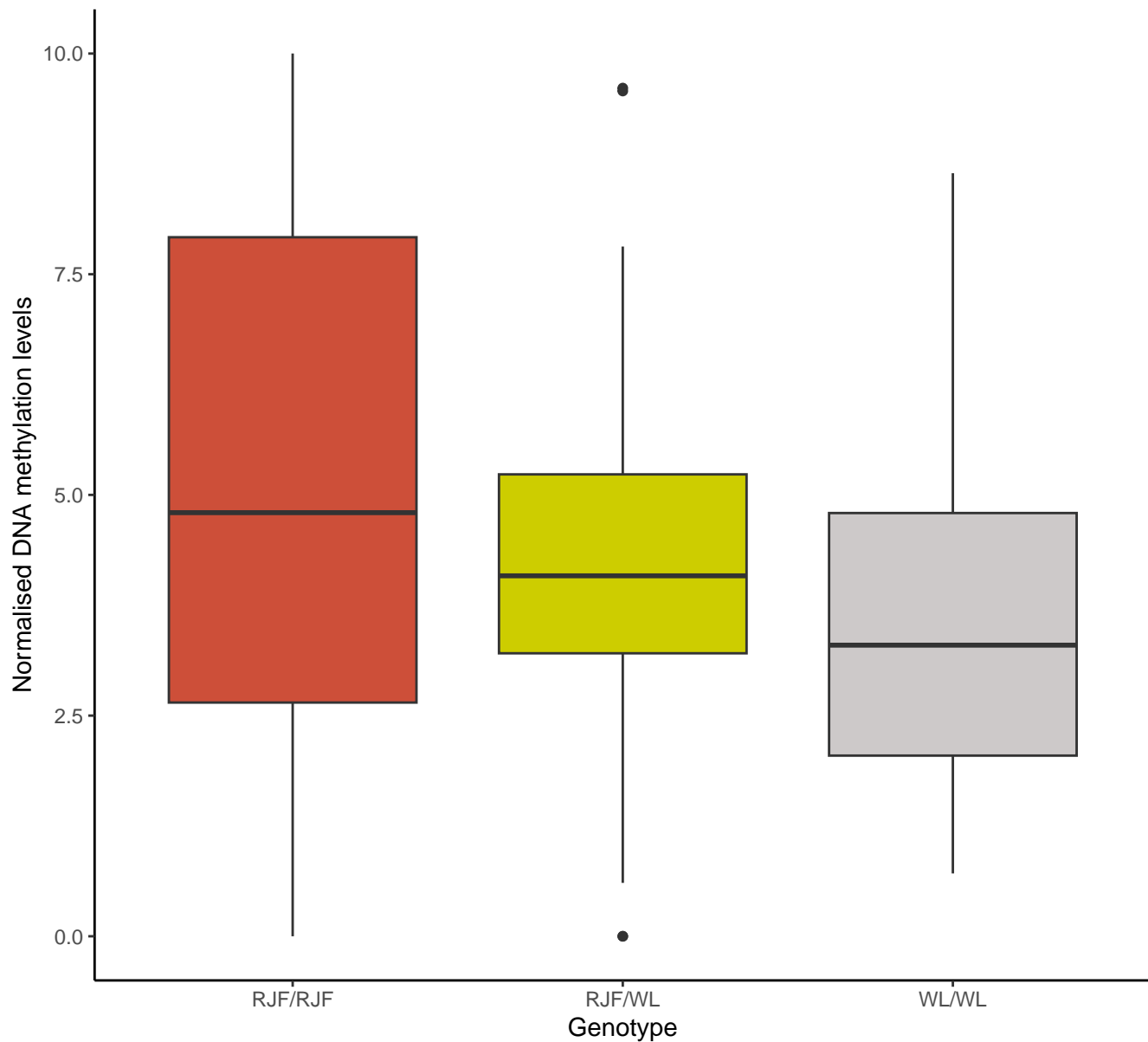
trans mQTL | chr5@182.4cM | LOD: 5.92

Methbin: chrZ_60127000 | marker:Gg_rs15679503

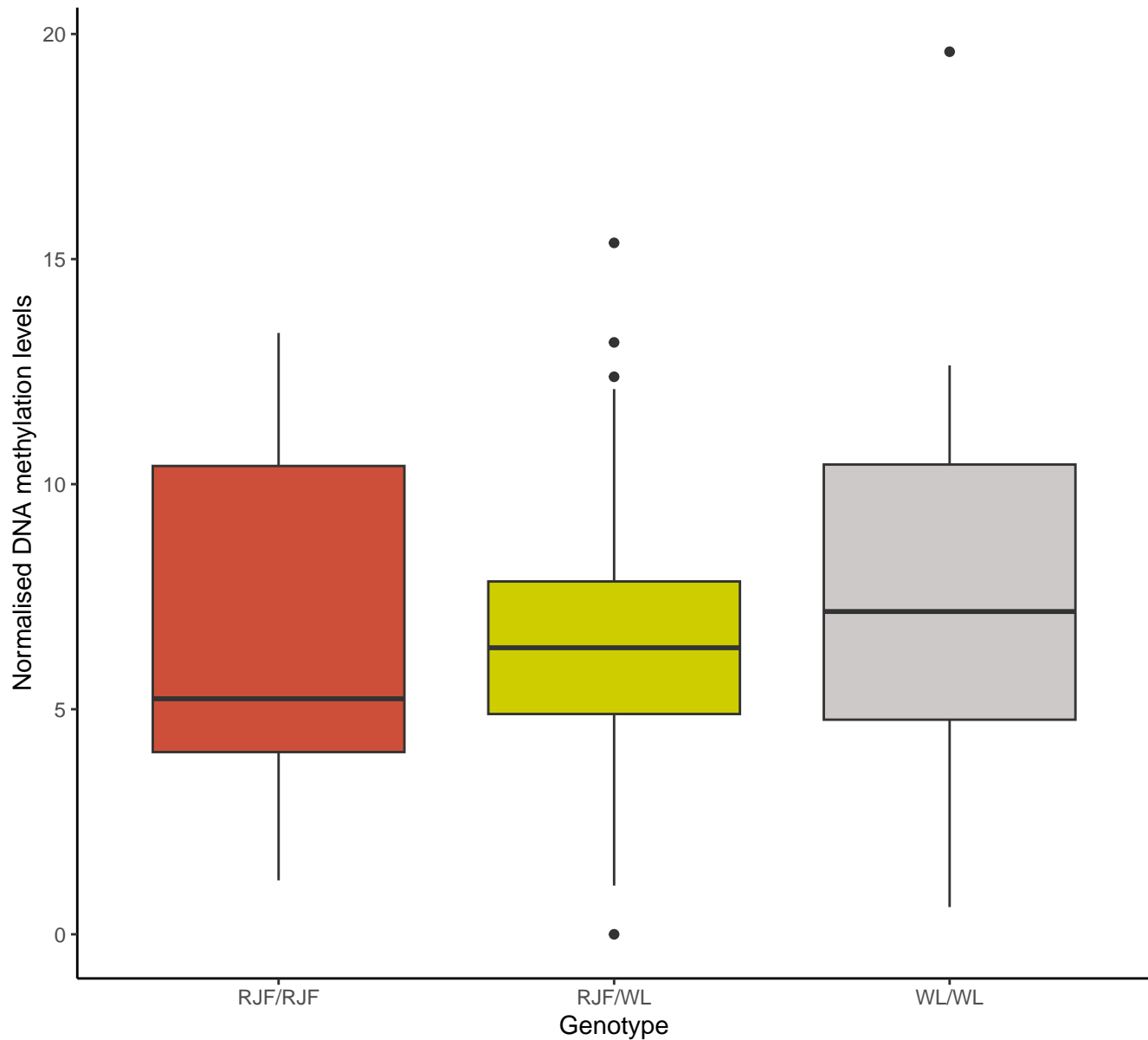
CI: chr5:131.24–200.39cM



trans mQTL | chr21@8.69cM | LOD: 6.34
Methbin: chrZ_60163000 | marker:GG_rs15181258
CI: chr21:0–16.35cM



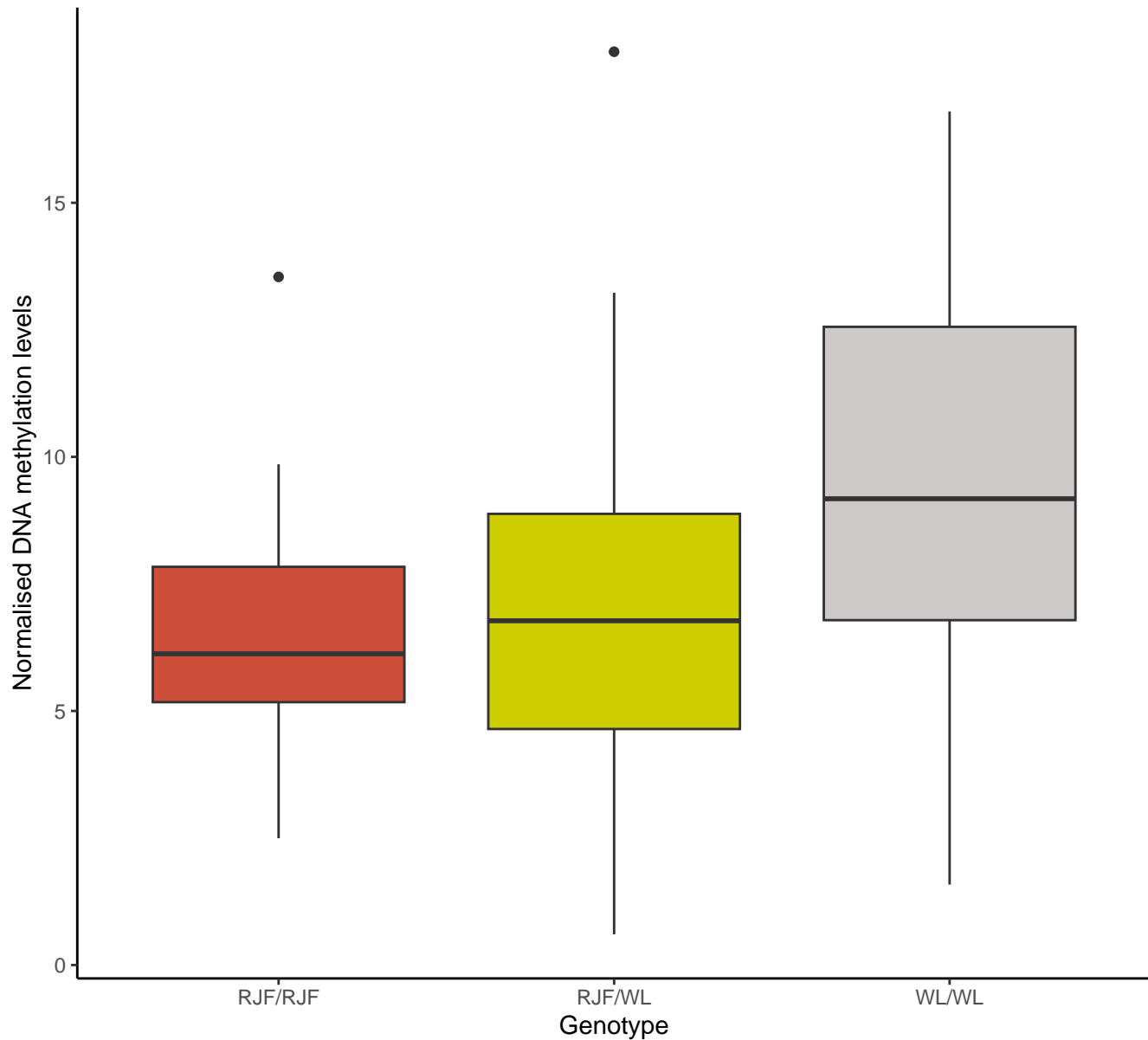
trans mQTL | chr27@118.06cM | LOD: 6.05
Methbin: chrZ_60221000 | marker:GG_rs14304199
CI: chr27:68.23–118.06cM



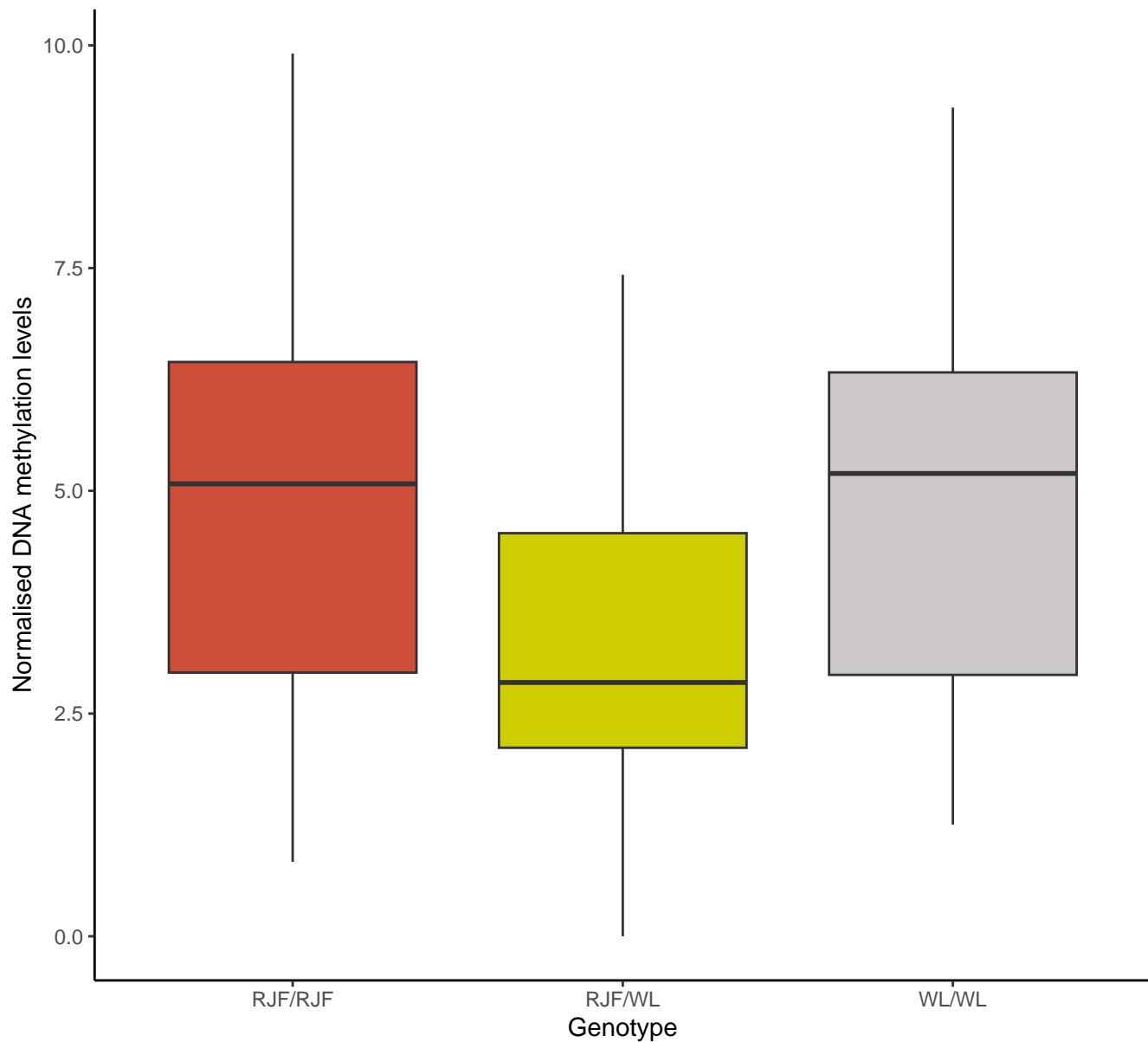
trans mQTL | chr1 @2094.38cM | LOD: 6.08

Methbin: chrZ_60378000 | marker:X1_185988681

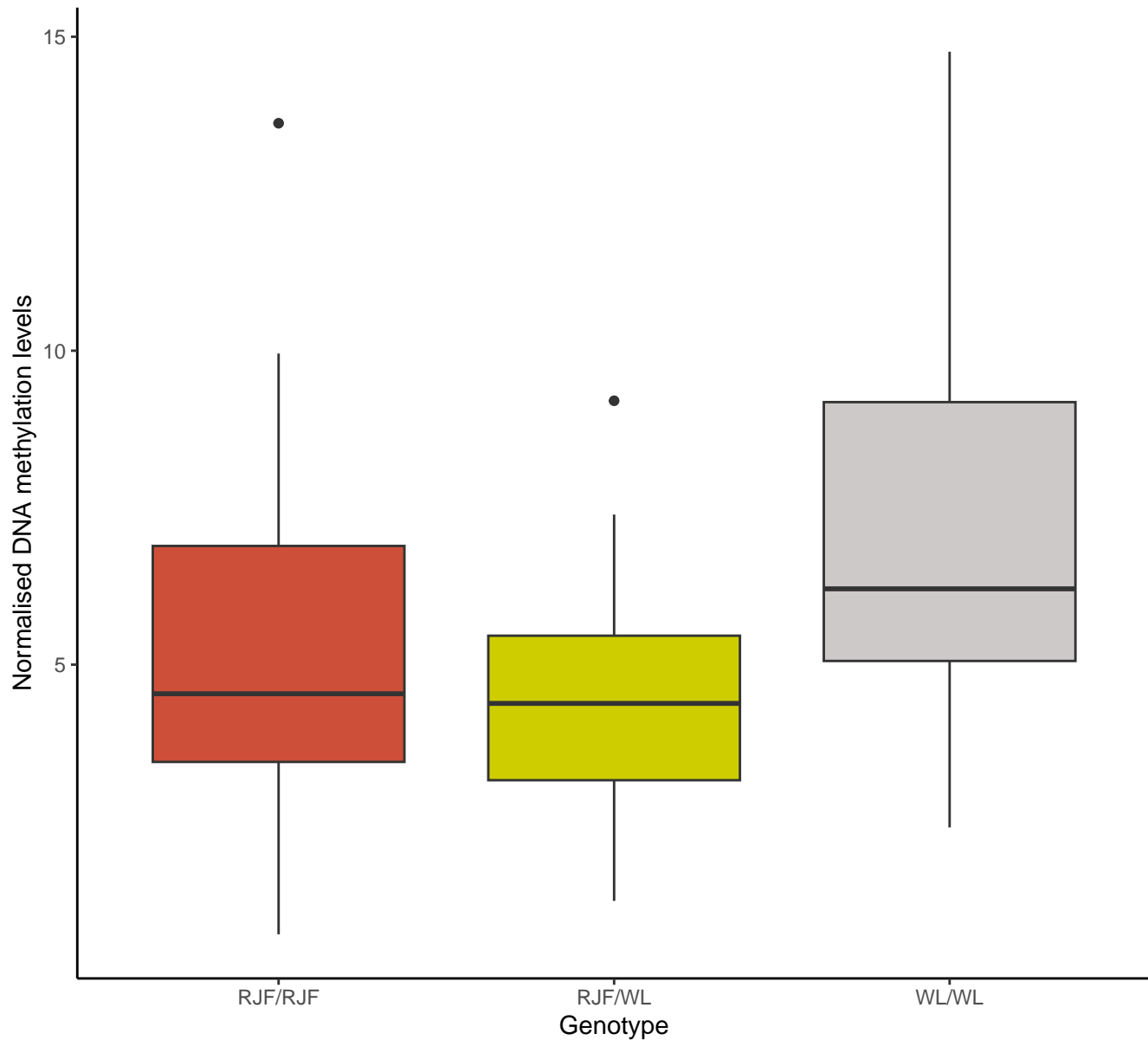
CI: chr1:2078.36–2210.81cM



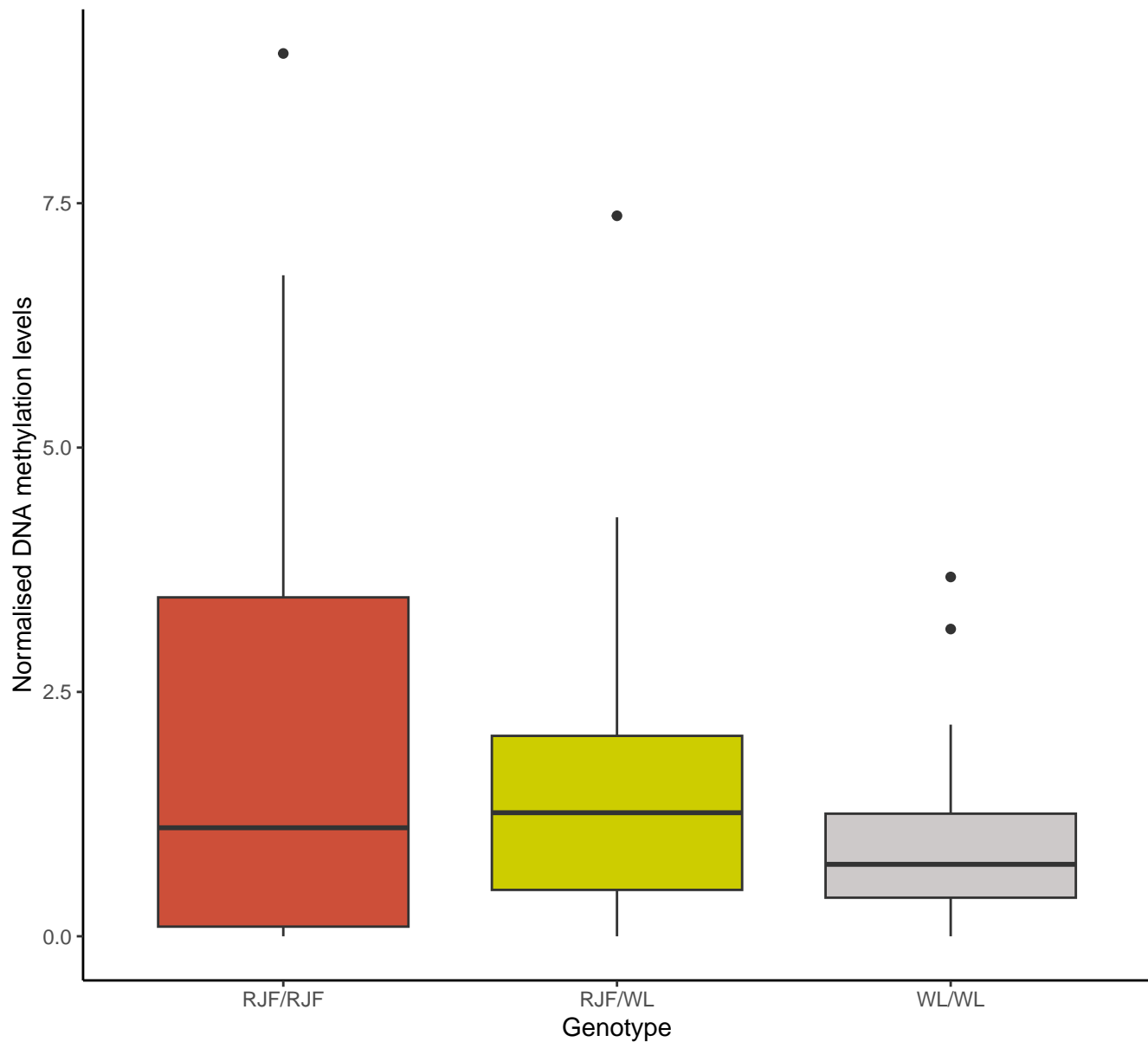
trans mQTL | chr3@578.5cM | LOD: 6.62
Methbin: chrZ_60439000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



trans mQTL | chr1 @2087.79cM | LOD: 7.37
Methbin: chrZ_60943000 | marker:X1_183897945
CI: chr1:2078.36–2210.81cM



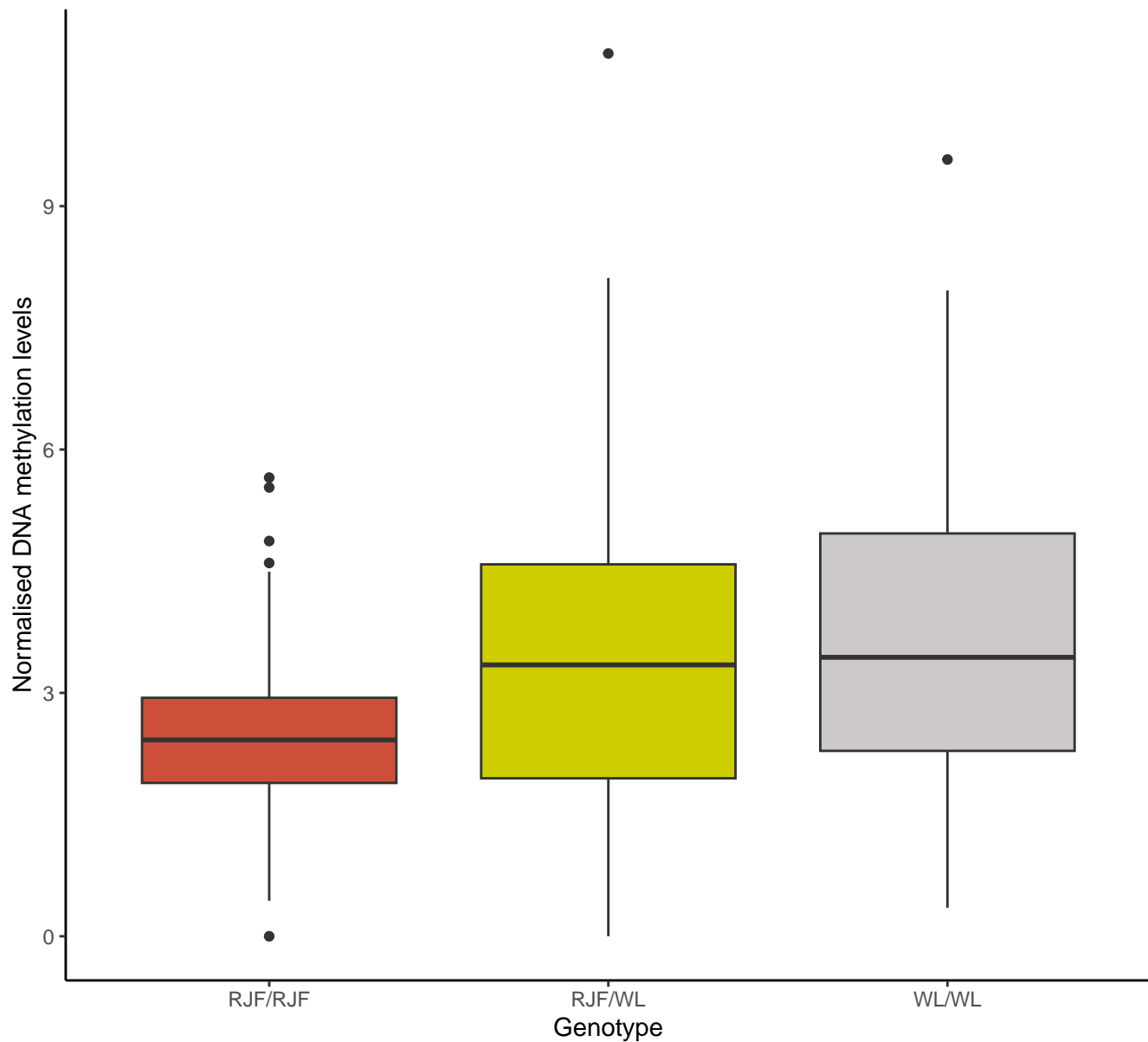
trans mQTL | chr1@1410.84cM | LOD: 6.34
Methbin: chrZ_61433000 | marker:Gg_rs14858437
CI: chr1:1393.29–1417.54cM



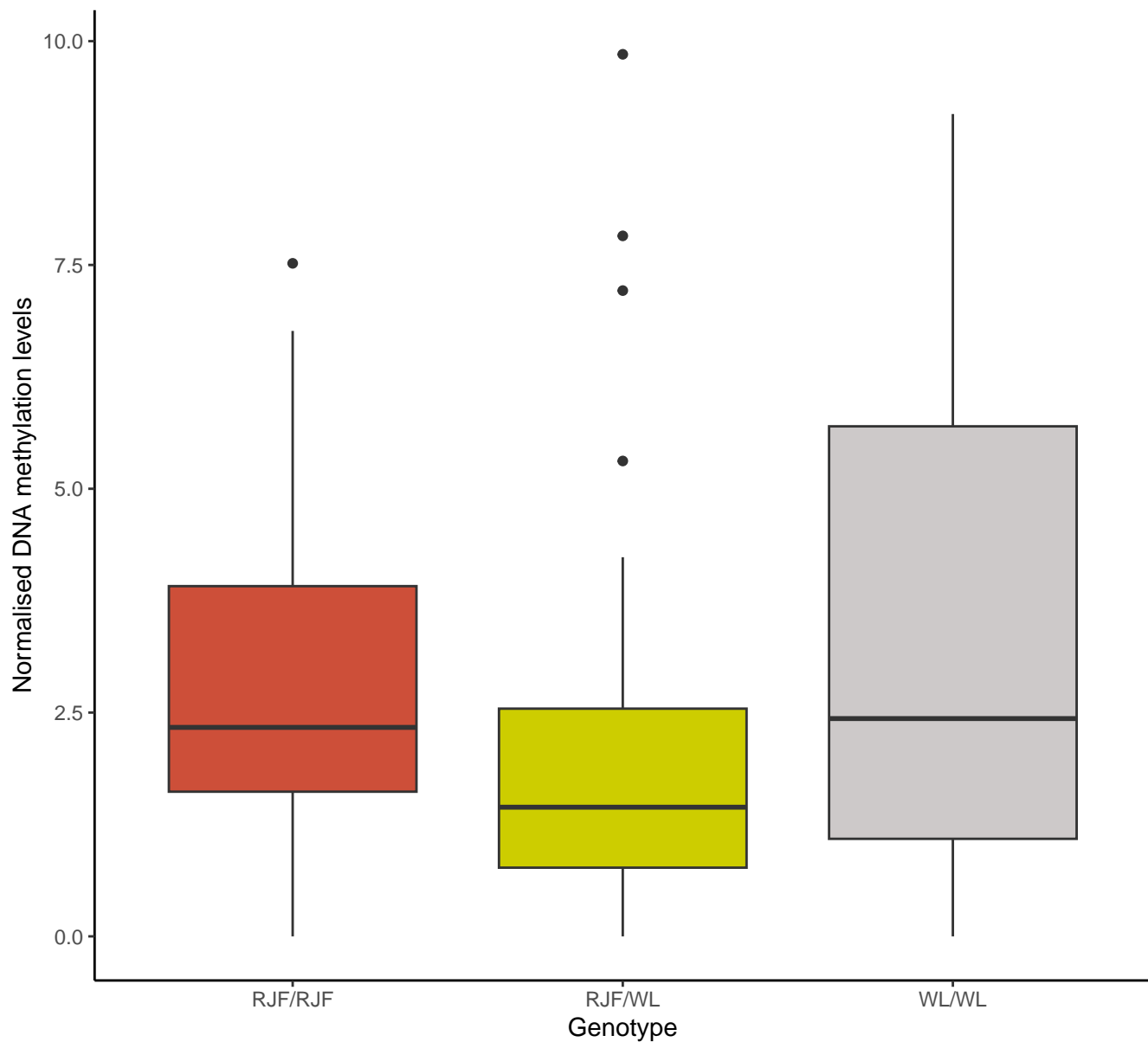
trans mQTL | chr14@265.73cM | LOD: 7.68

Methbin: chrZ_61638000 | marker:rb11871

CI: chr14:241.01–265.73cM



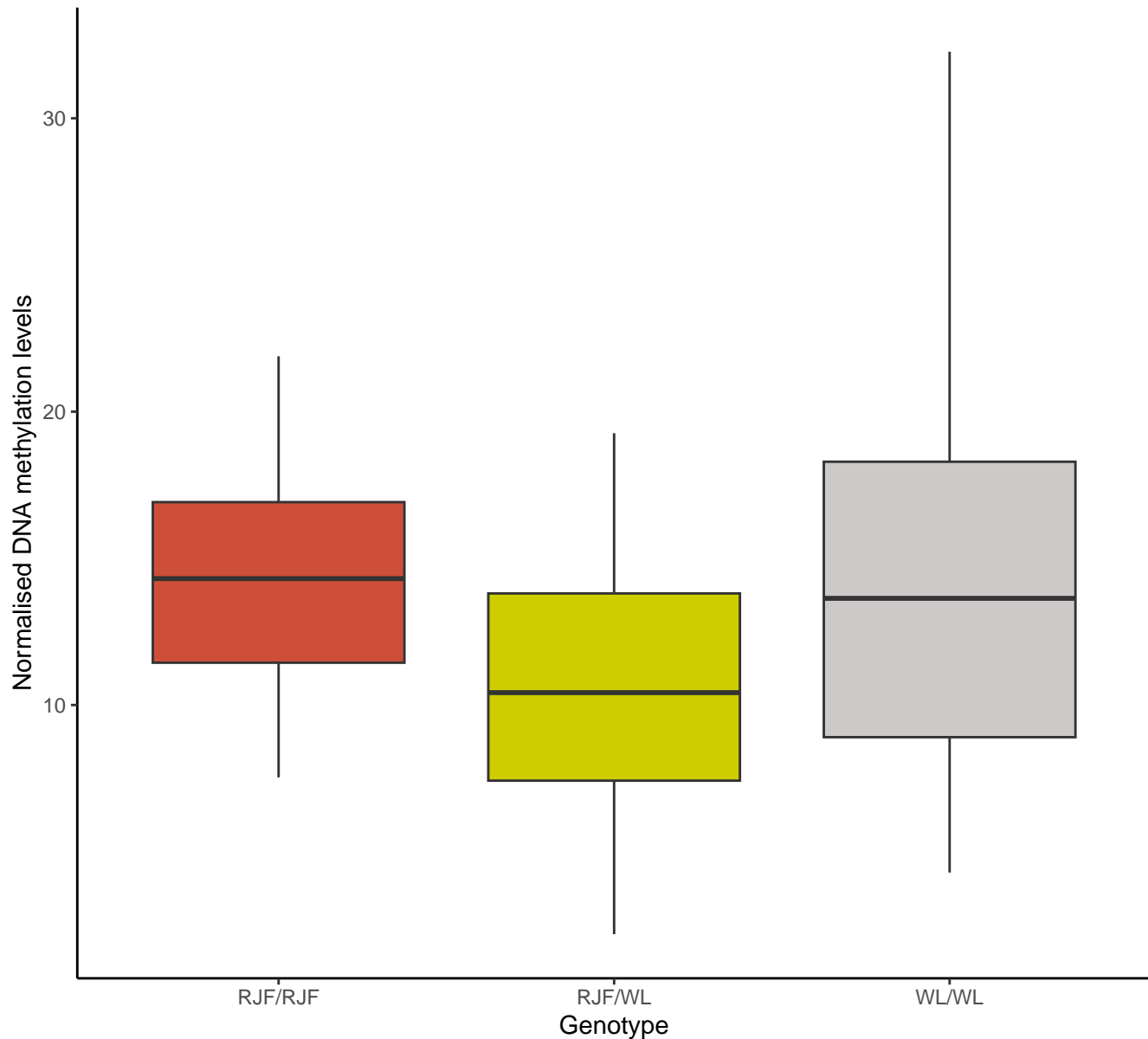
trans mQTL | chr6@105.16cM | LOD: 6.1
Methbin: chrZ_61641000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



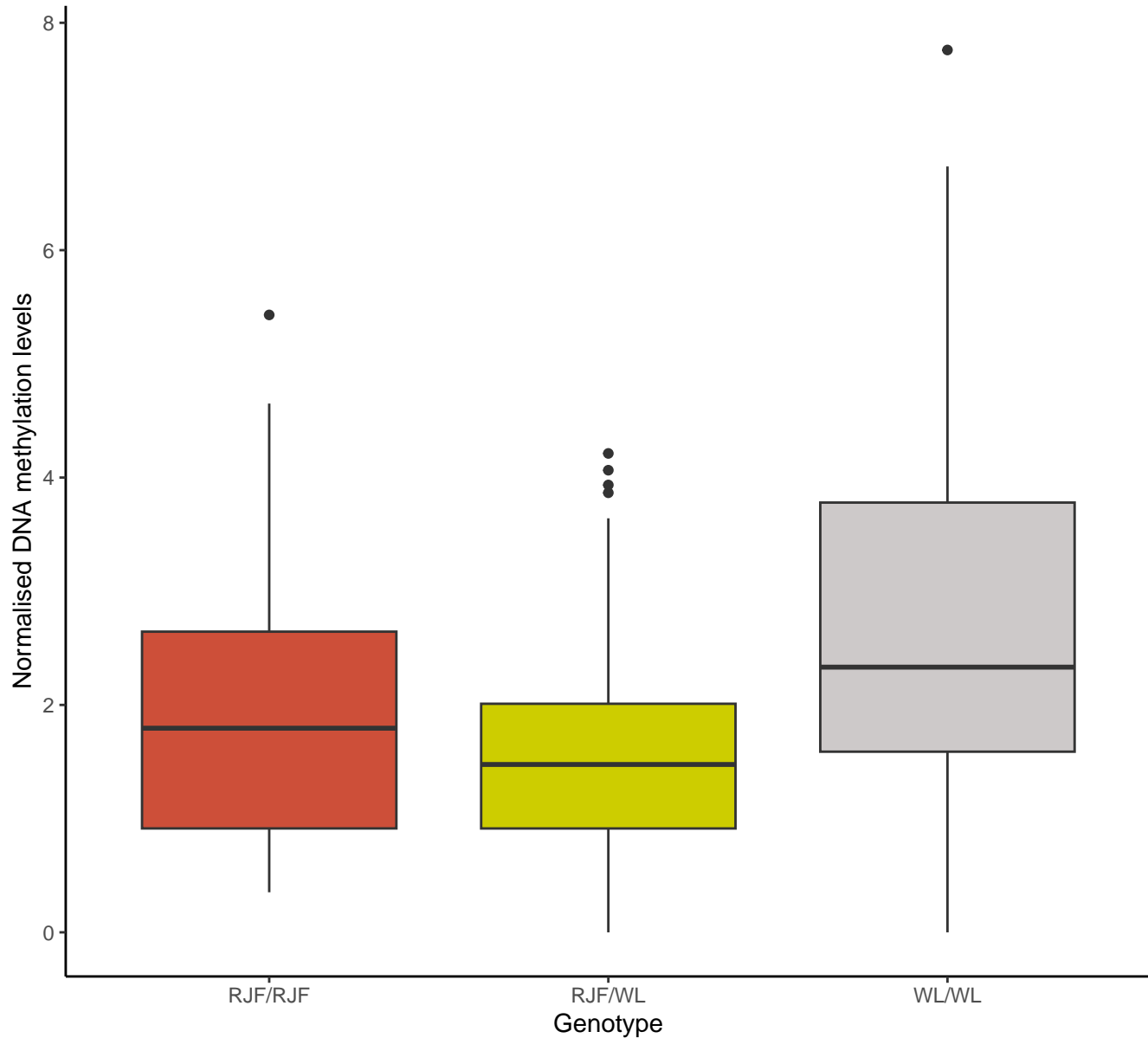
trans mQTL | chr1@281.94cM | LOD: 6.02

Methbin: chrZ_62161000 | marker:Gg_rs14793763

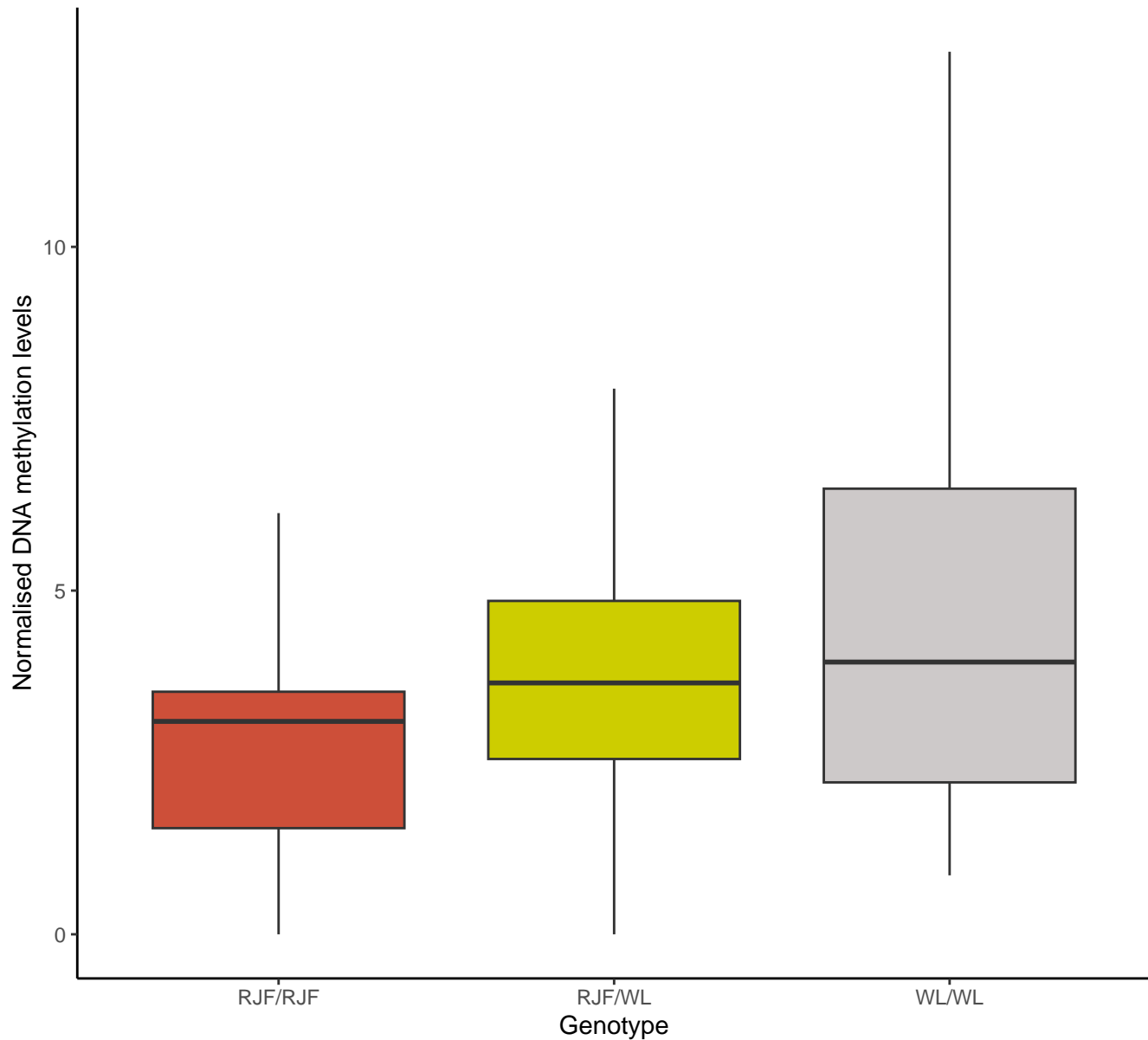
CI: chr1:269.61–296.72cM



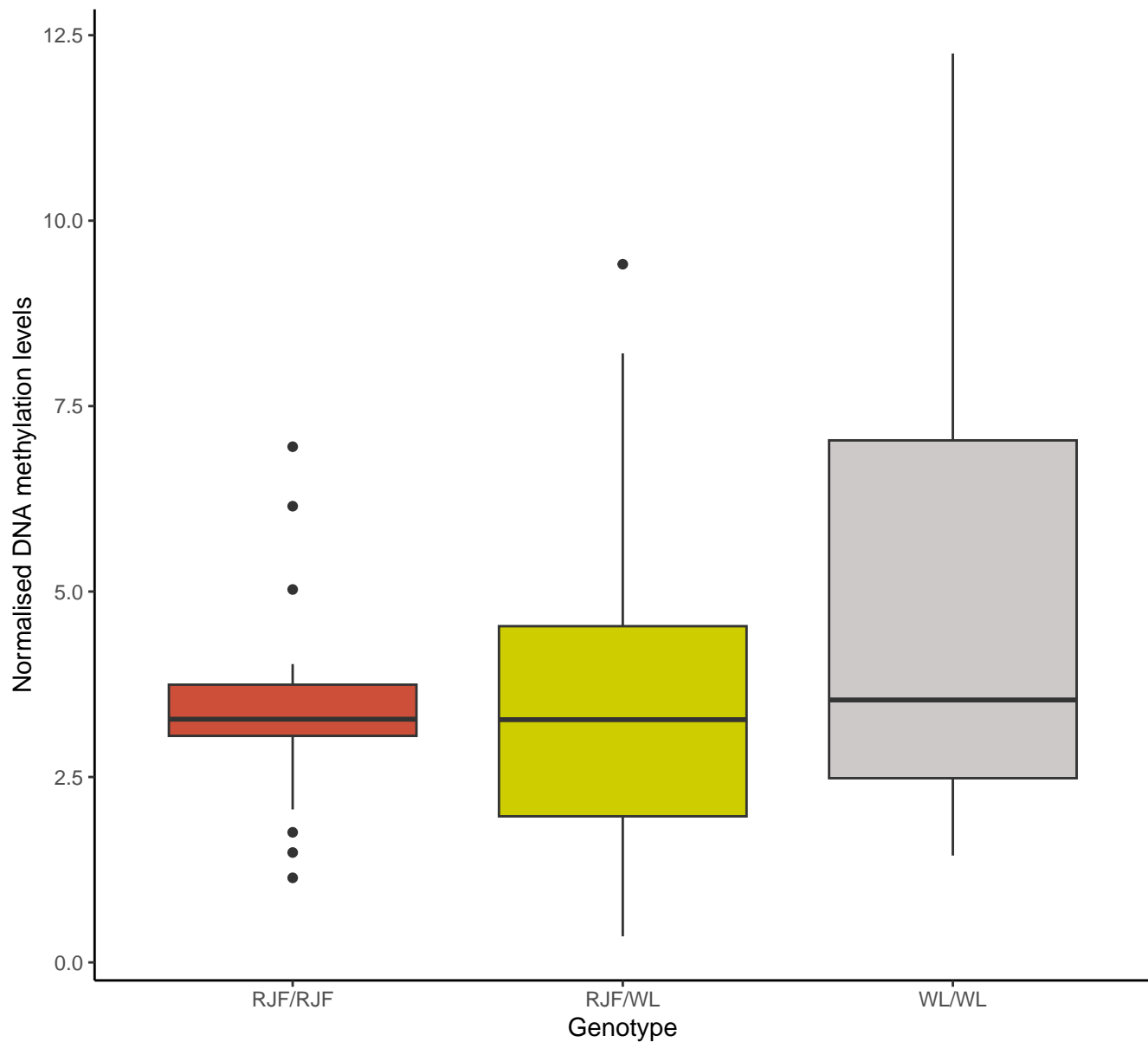
trans mQTL | chr28@52.38cM | LOD: 6.38
Methbin: chrZ_62206000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



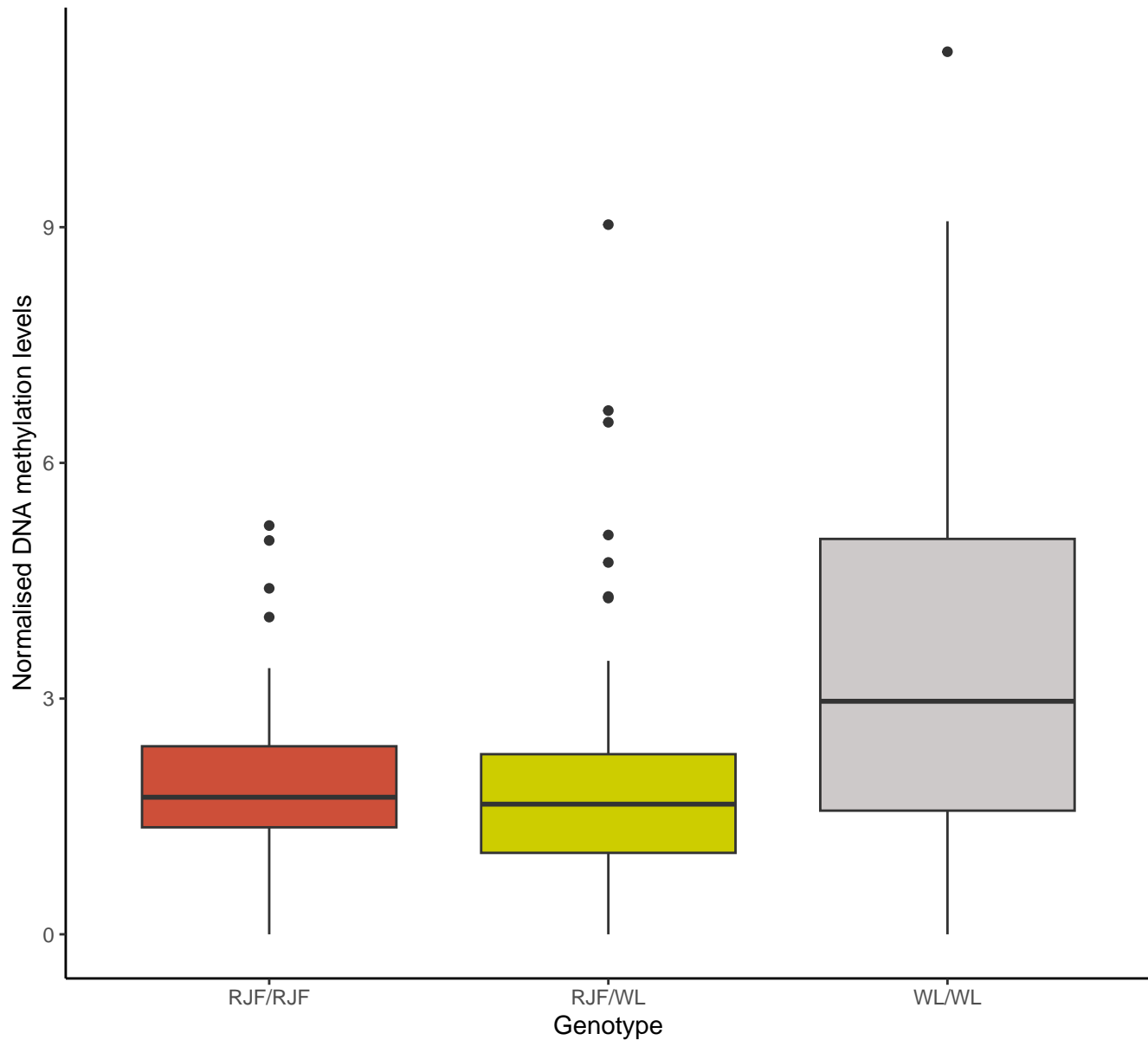
trans mQTL | chr3@59cM | LOD: 6.97
Methbin: chrZ_62382000 | marker:Gg_rs15273962
CI: chr3:59–134.31cM



trans mQTL | chr20@249cM | LOD: 7.5
Methbin: chrZ_62710000 | marker:Gg_rs16175731
CI: chr20:237.3–252.29cM



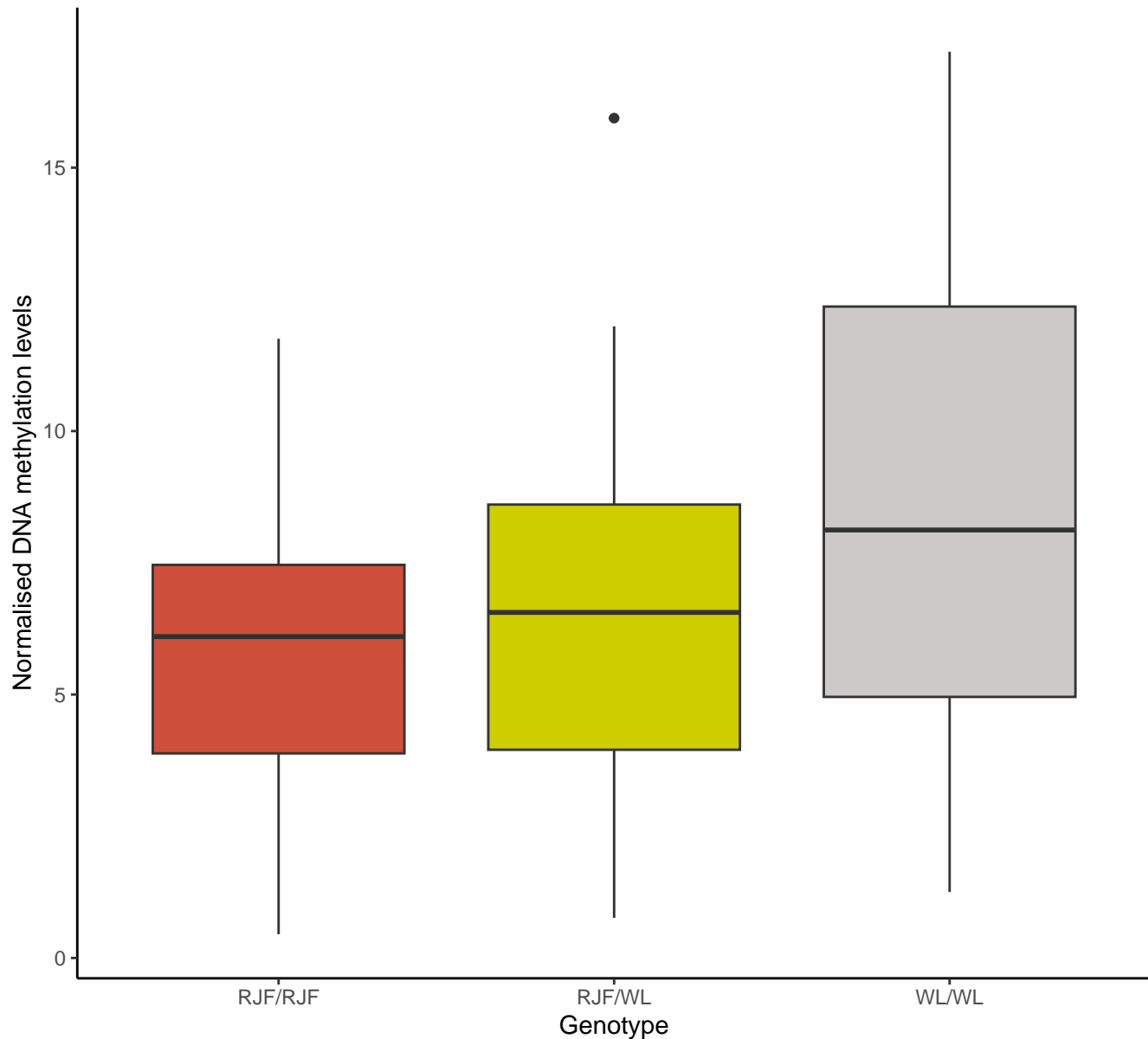
trans mQTL | chr6@105cM | LOD: 6.58
Methbin: chrZ_62736000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



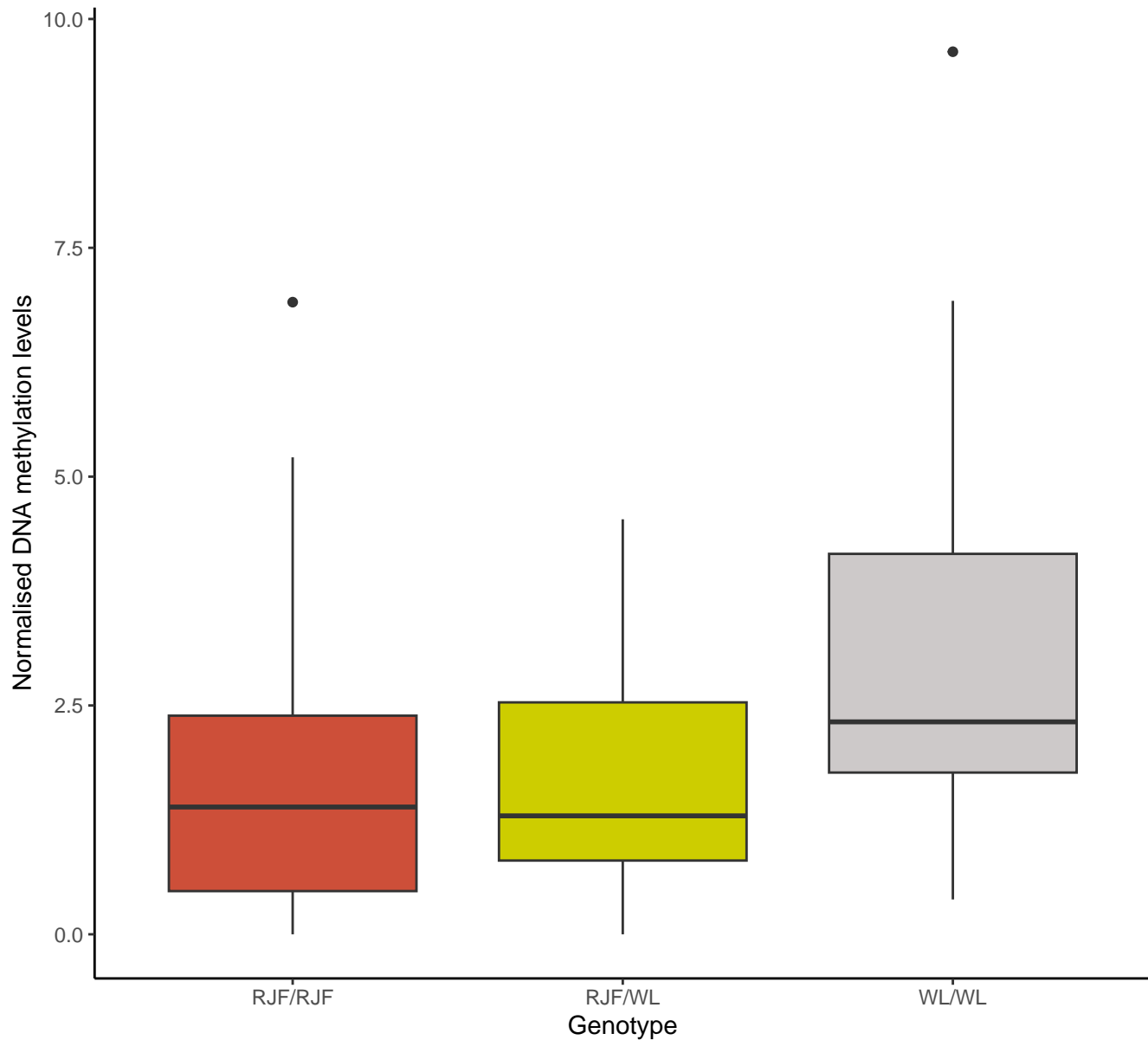
trans mQTL | chr6@105.16cM | LOD: 7.18

Methbin: chrZ_62914000 | marker:Gg_rs14568888

CI: chr6:86.33–126.7cM



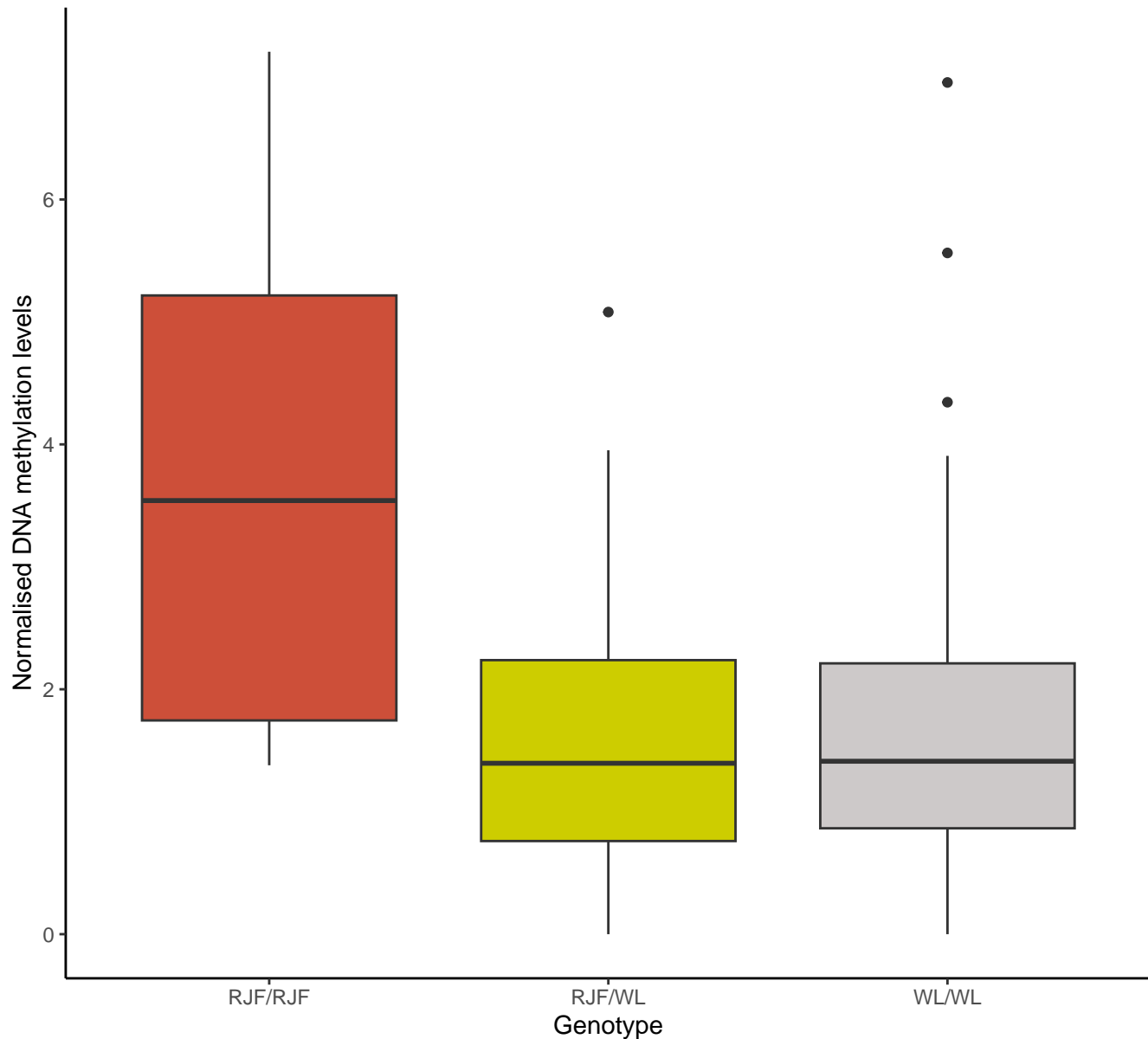
trans mQTL | chr8@104.94cM | LOD: 6.35
Methbin: chrZ_63295000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



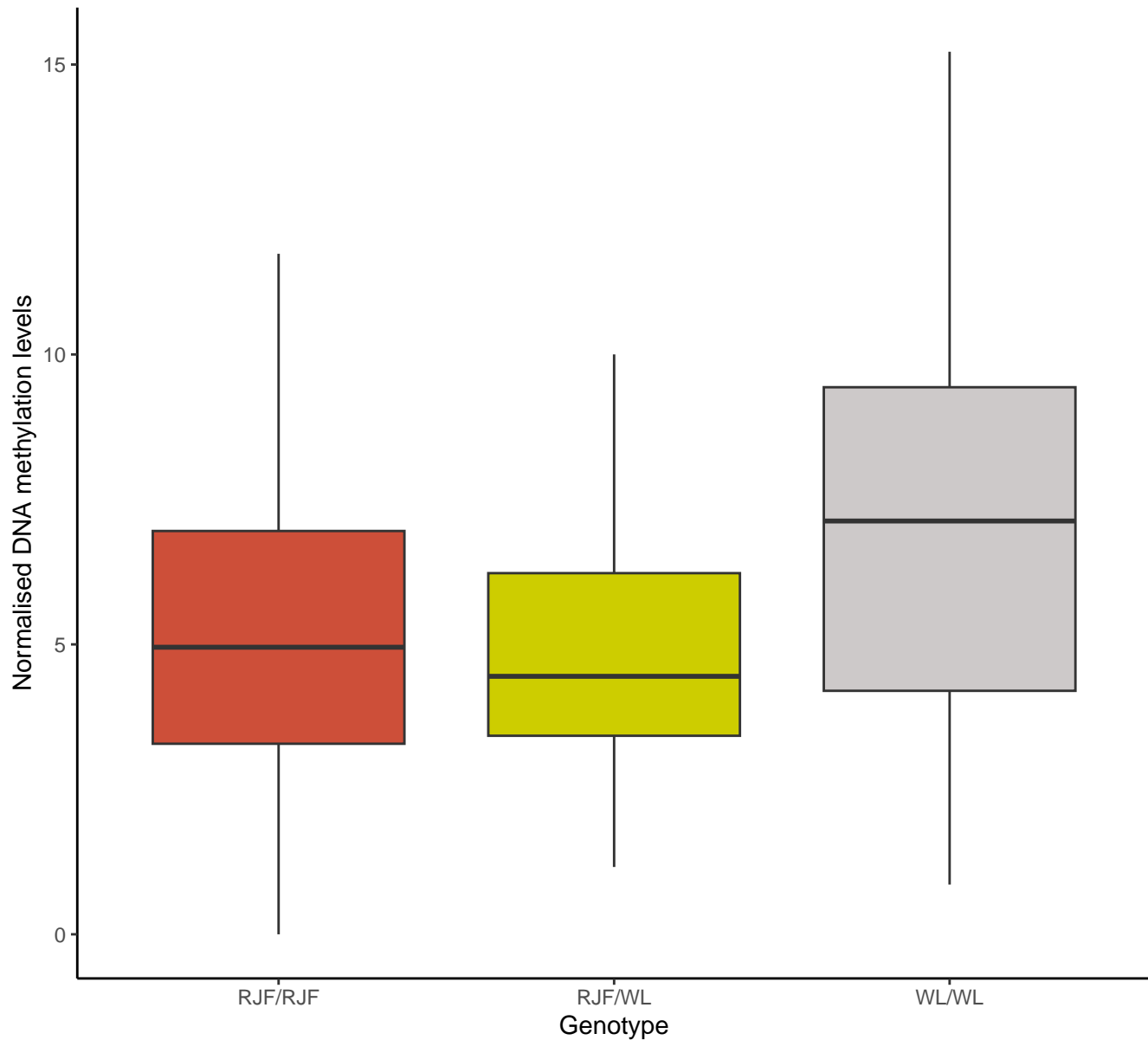
trans mQTL | chr5@182.4cM | LOD: 7.03

Methbin: chrZ_63312000 | marker:Gg_rs15679503

CI: chr5:131.24–200.39cM



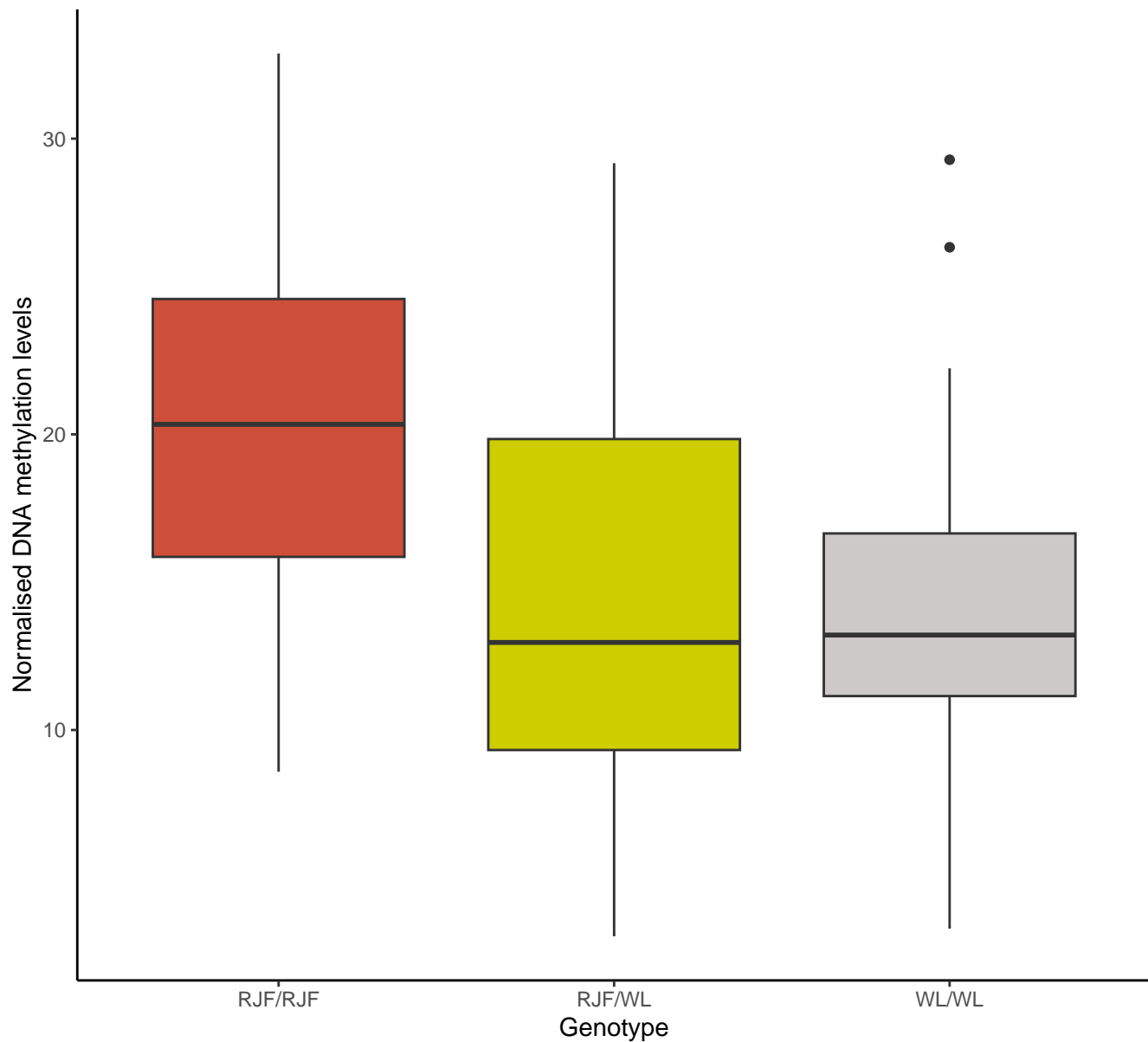
trans mQTL | chr1@241.81cM | LOD: 7.05
Methbin: chrZ_63615000 | marker:RBL4976
CI: chr1:234.41–249.9cM



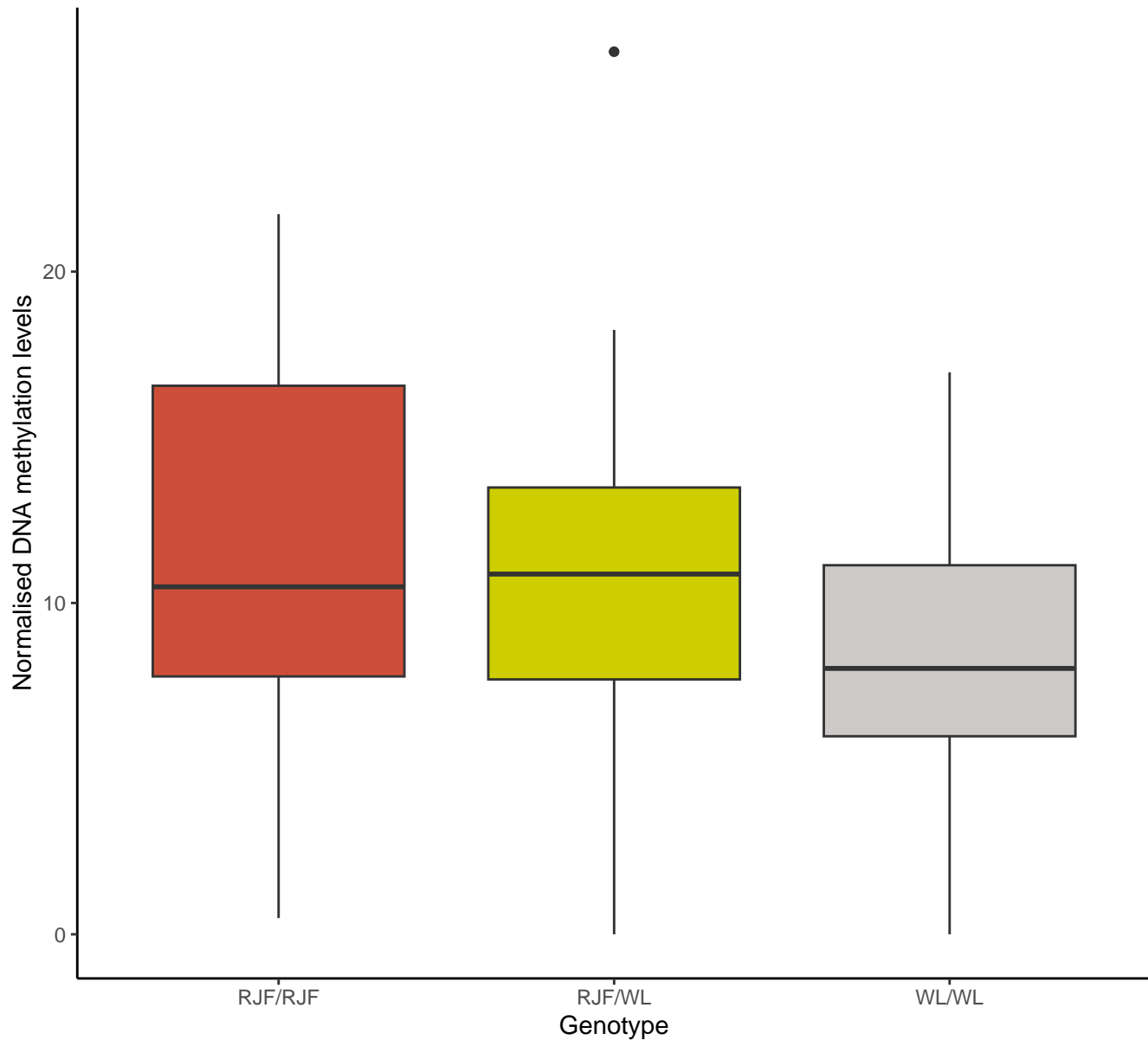
trans mQTL | chr20@14.97cM | LOD: 7.03

Methbin: chrZ_63675000 | marker:Gg_rs15169731

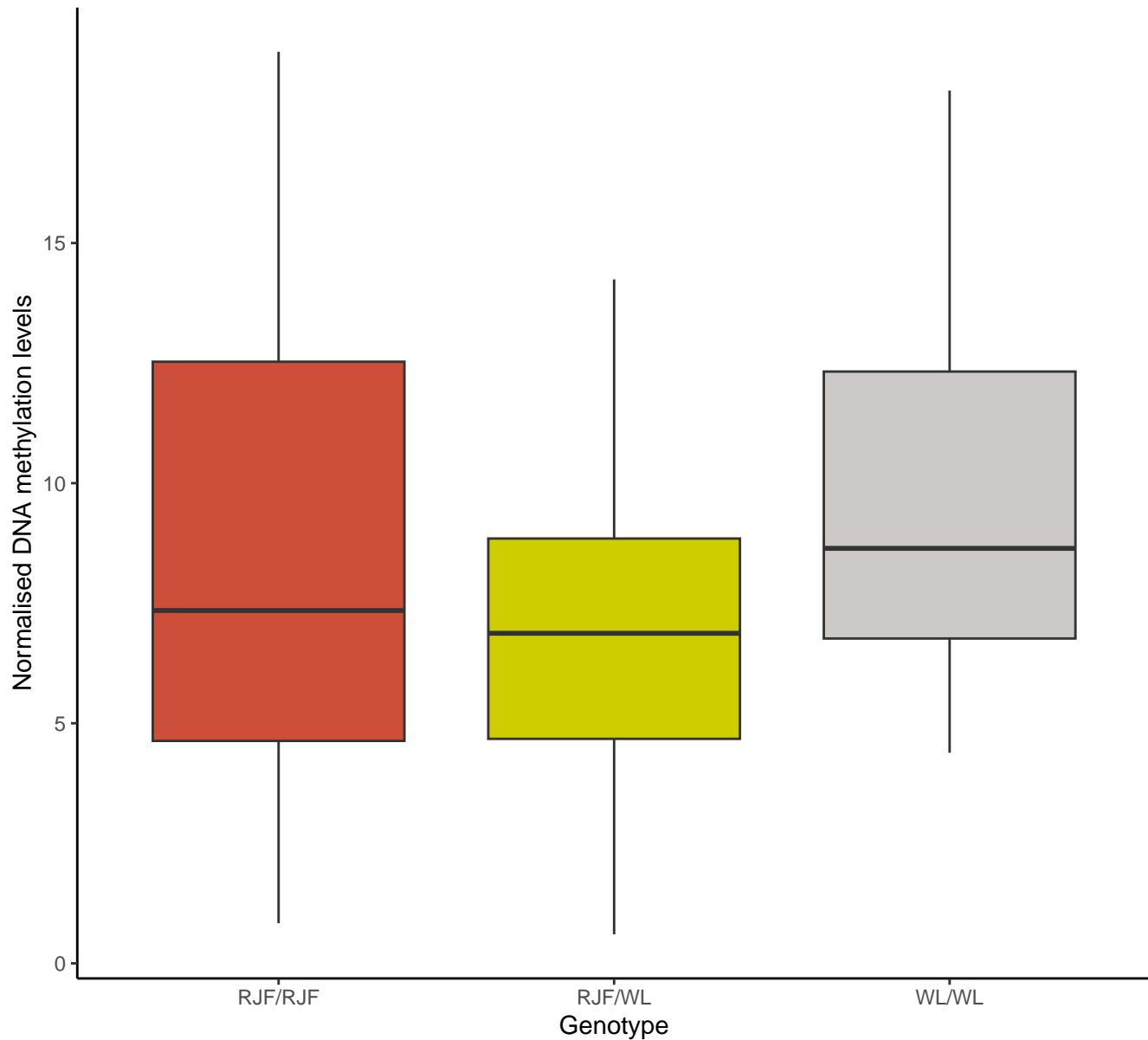
CI: chr20:0.43–47.98cM



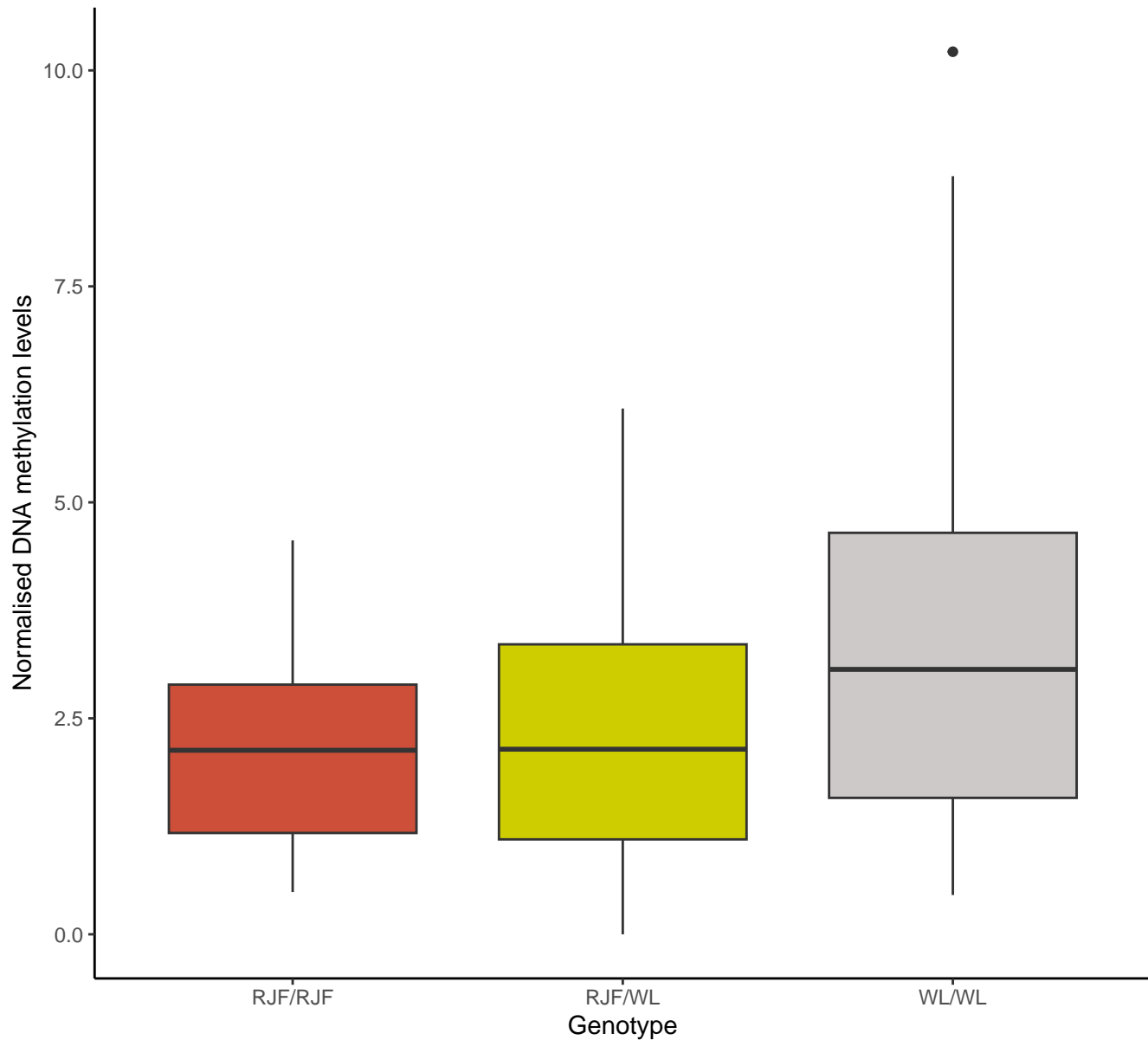
trans mQTL | chr8@103cM | LOD: 6.37
Methbin: chrZ_63879000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



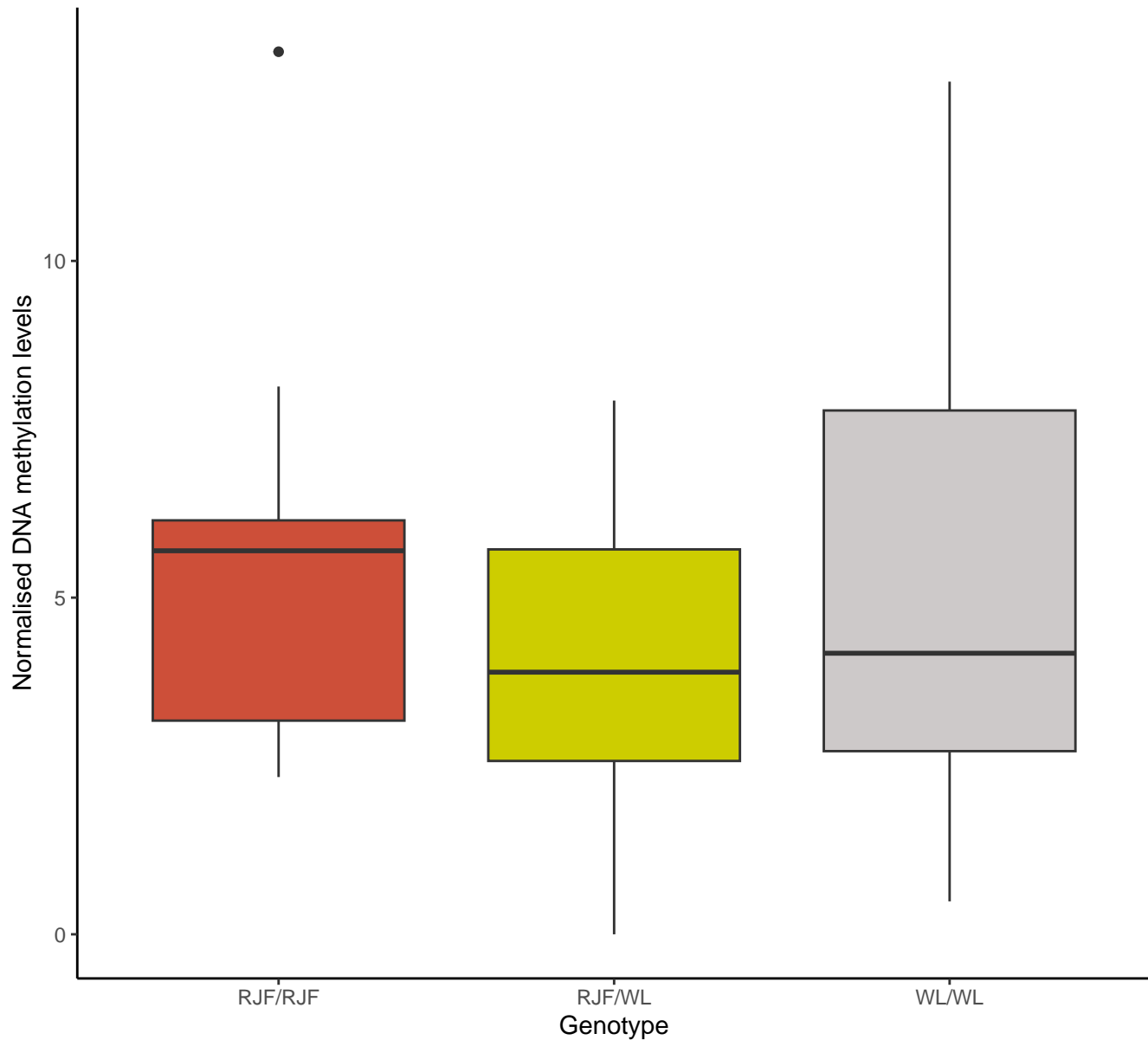
trans mQTL | chr3@577cM | LOD: 6.55
Methbin: chrZ_63973000 | marker:Gg_rs15416272
CI: chr3:557.74–610.92cM



trans mQTL | chr6@105.16cM | LOD: 6.88
Methbin: chrZ_64218000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



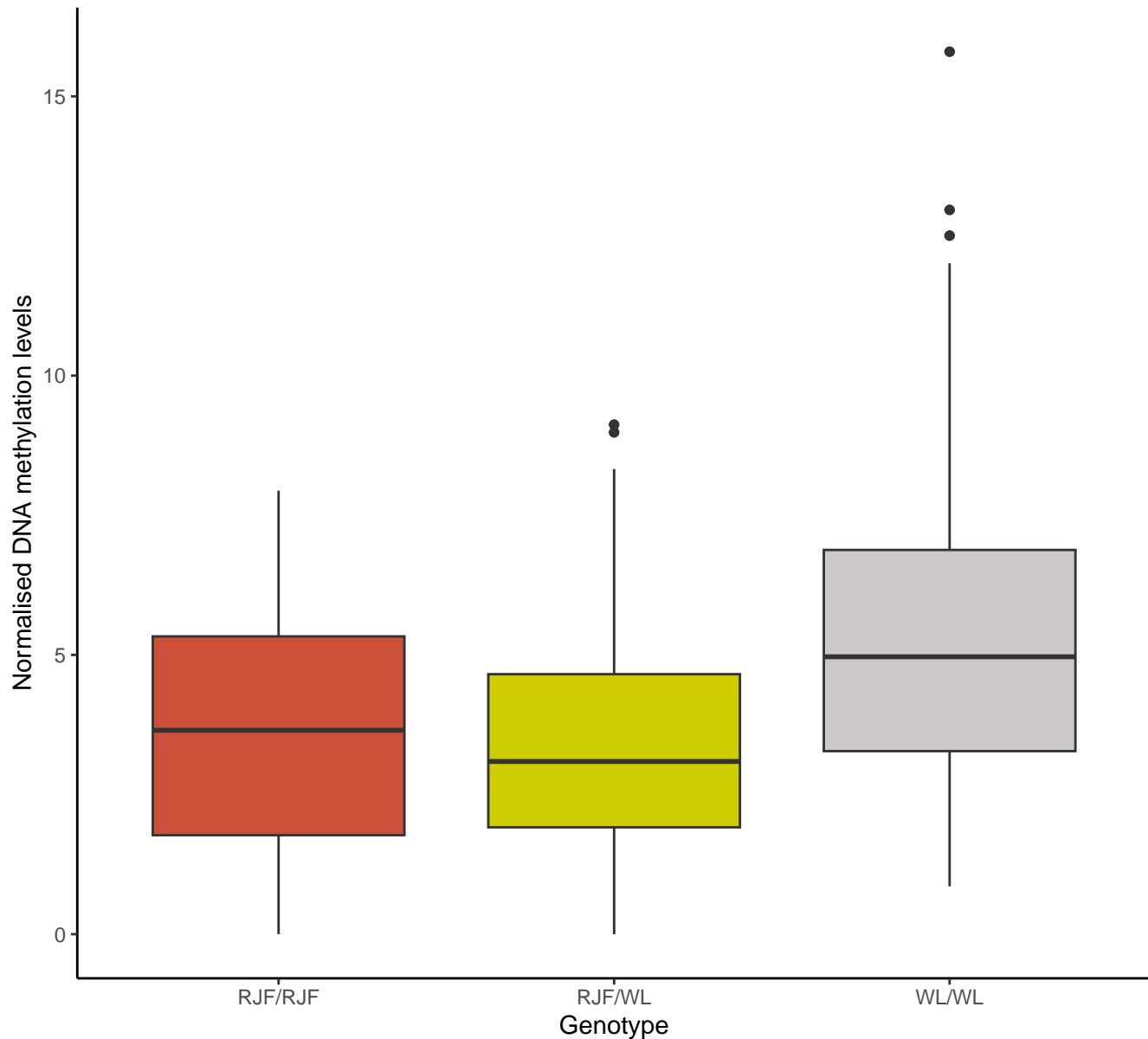
trans mQTL | chr28@53cM | LOD: 5.97
Methbin: chrZ_64220000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



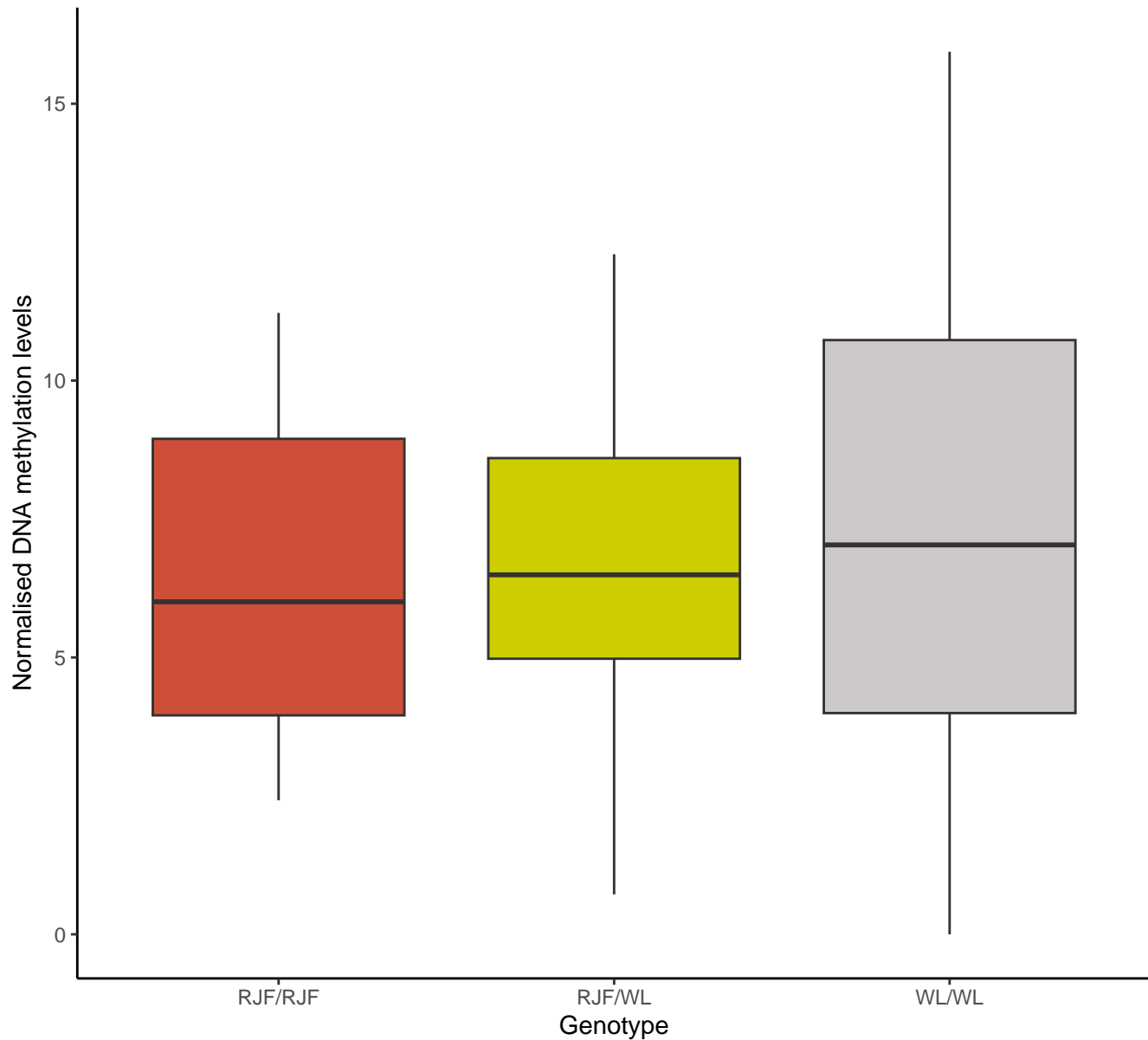
trans mQTL | chr6@106cM | LOD: 7.84

Methbin: chrZ_64293000 | marker:Gg_rs14568888

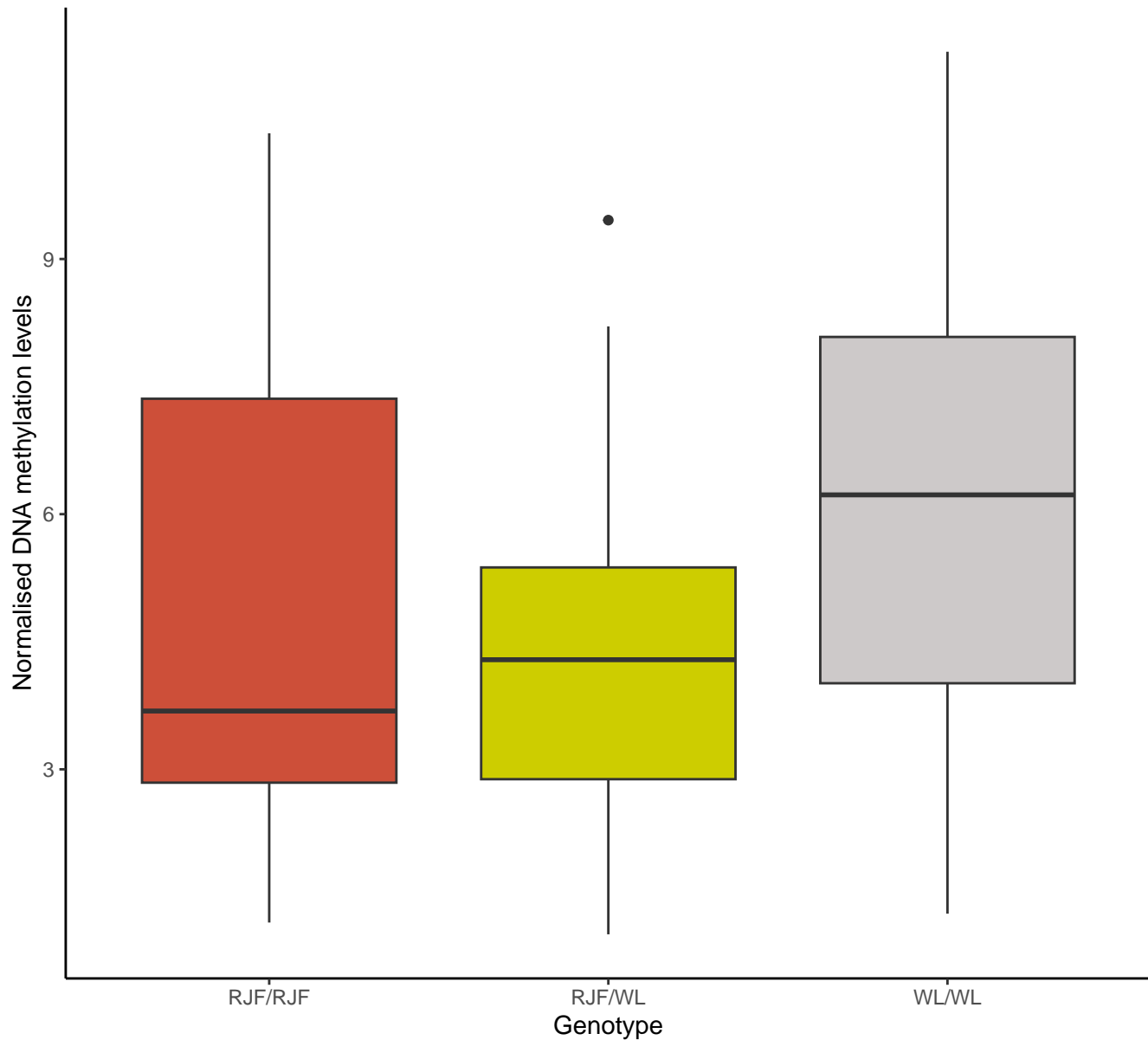
CI: chr6:86.33–112.27cM



trans mQTL | chr12@0cM | LOD: 6.11
Methbin: chrZ_64294000 | marker:Gg_rs14031213
CI: chr12:0–3.4cM



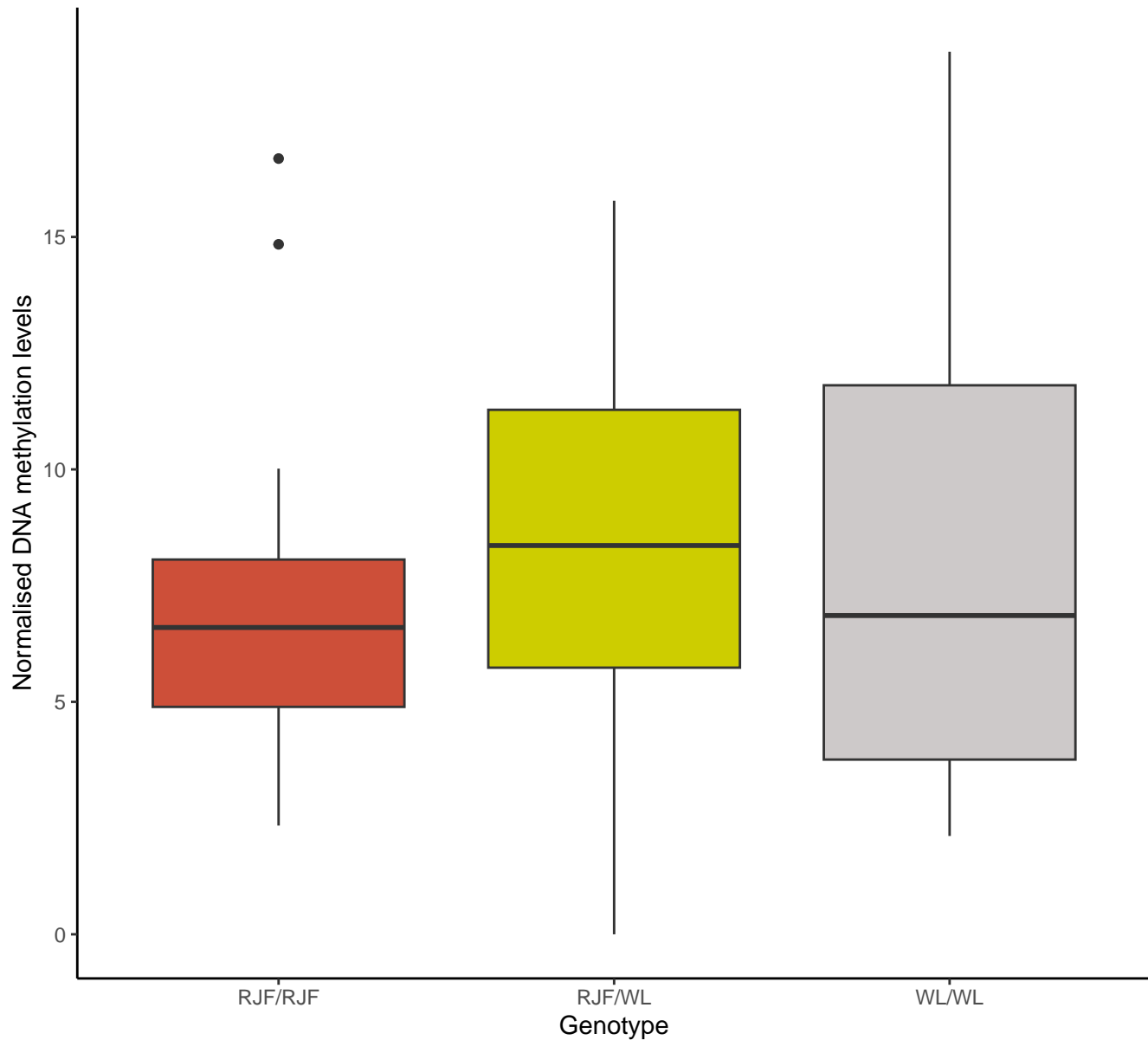
trans mQTL | chr2@92cM | LOD: 6.6
Methbin: chrZ_64365000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



trans mQTL | chr14@265.73cM | LOD: 6.05

Methbin: chrZ_64469000 | marker:rb11871

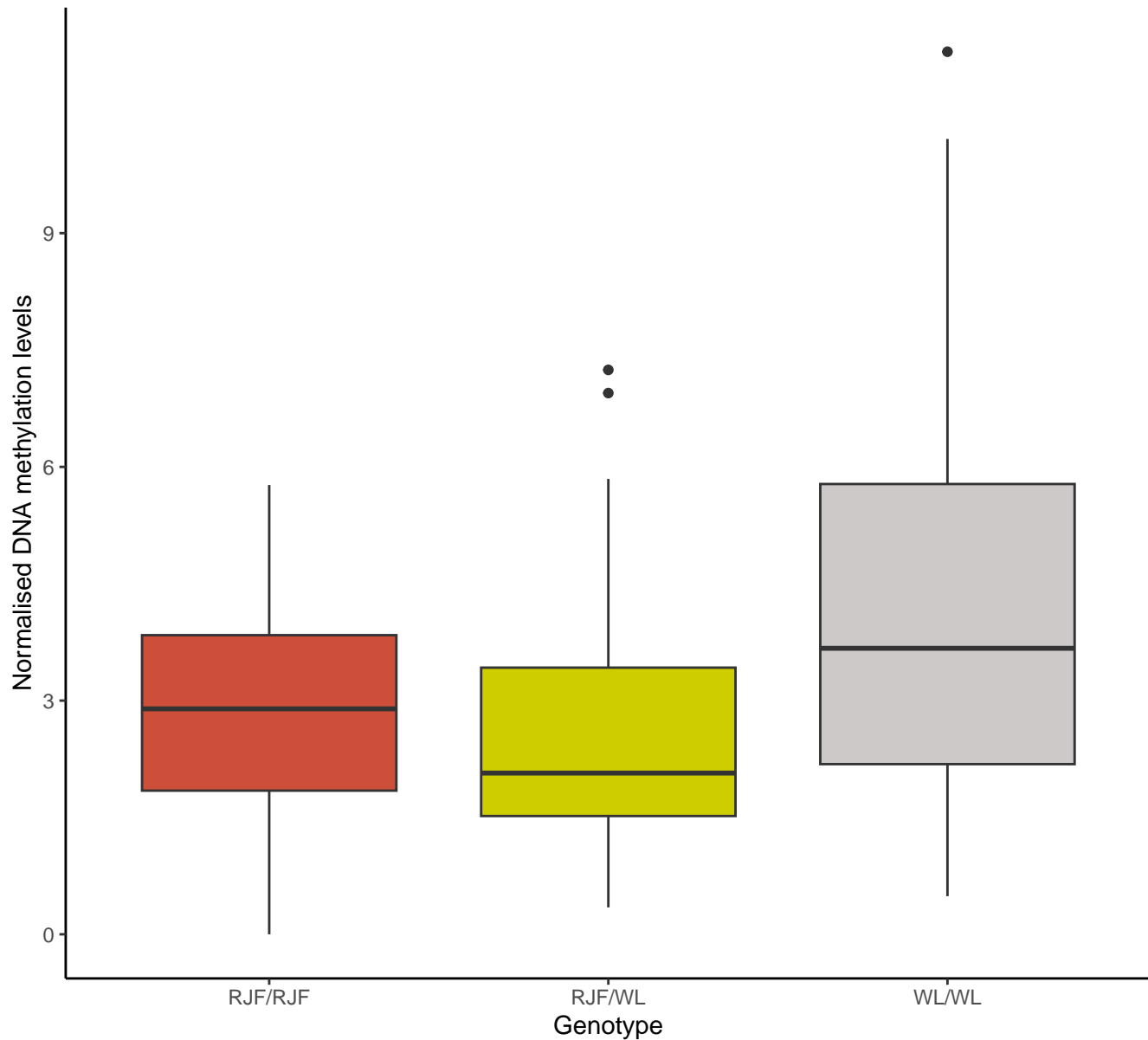
CI: chr14:194.23–265.73cM



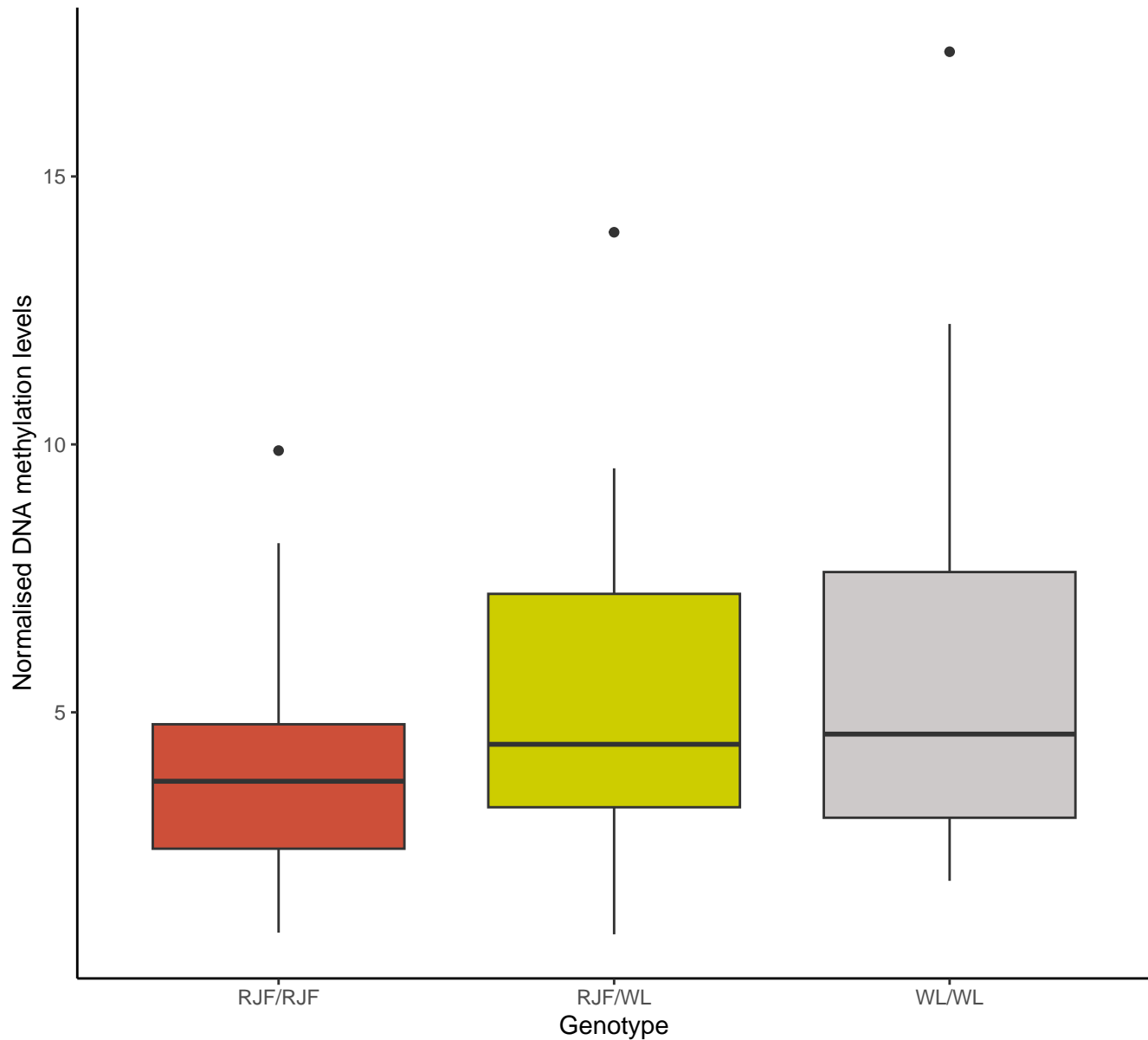
trans mQTL | chr6@112.27cM | LOD: 6.18

Methbin: chrZ_64674000 | marker:Gg_rs15773041

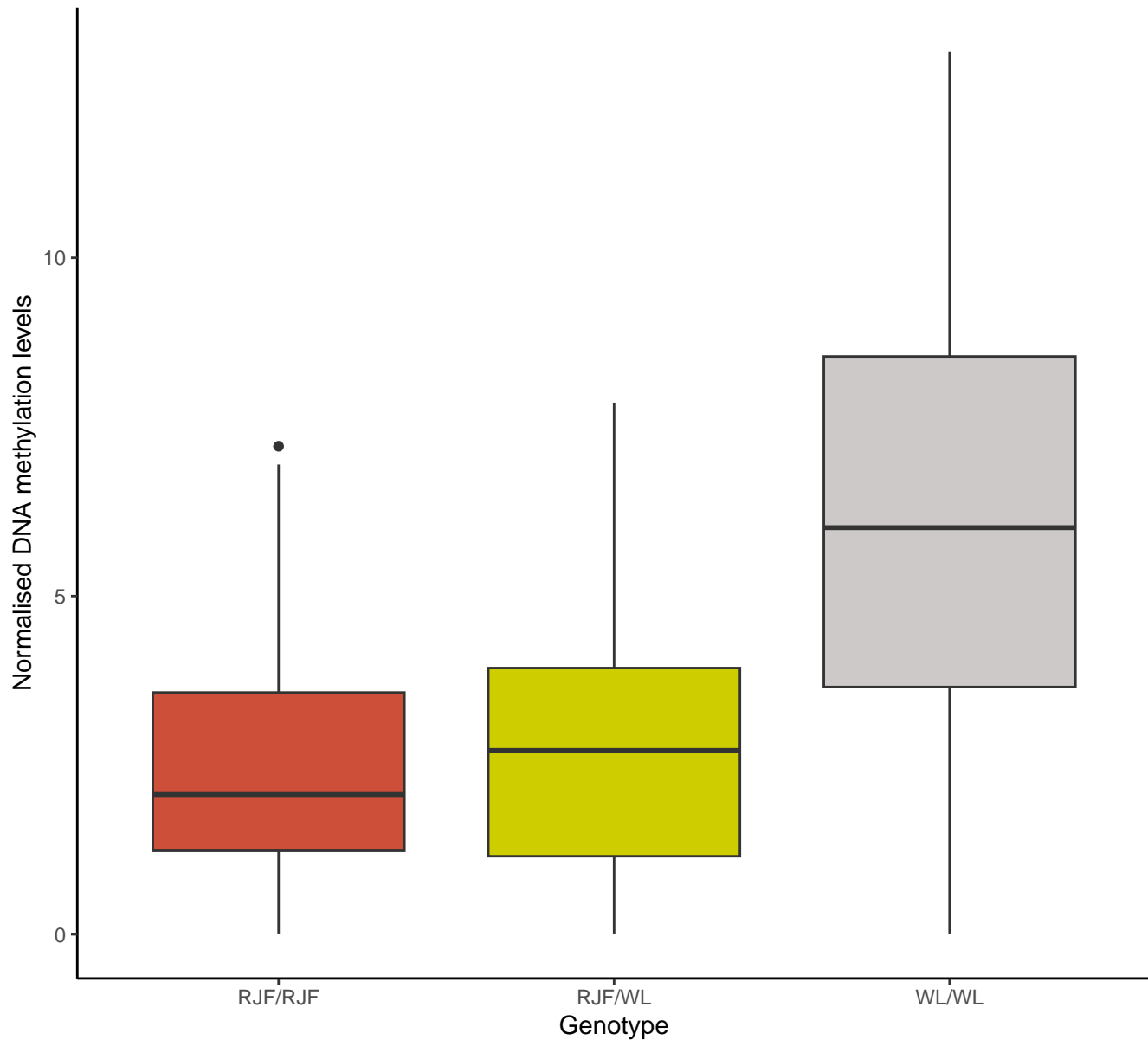
CI: chr6:86.33–126.7cM



trans mQTL | chr14@265.73cM | LOD: 8
Methbin: chrZ_64761000 | marker:rbl1871
CI: chr14:241.01–265.73cM



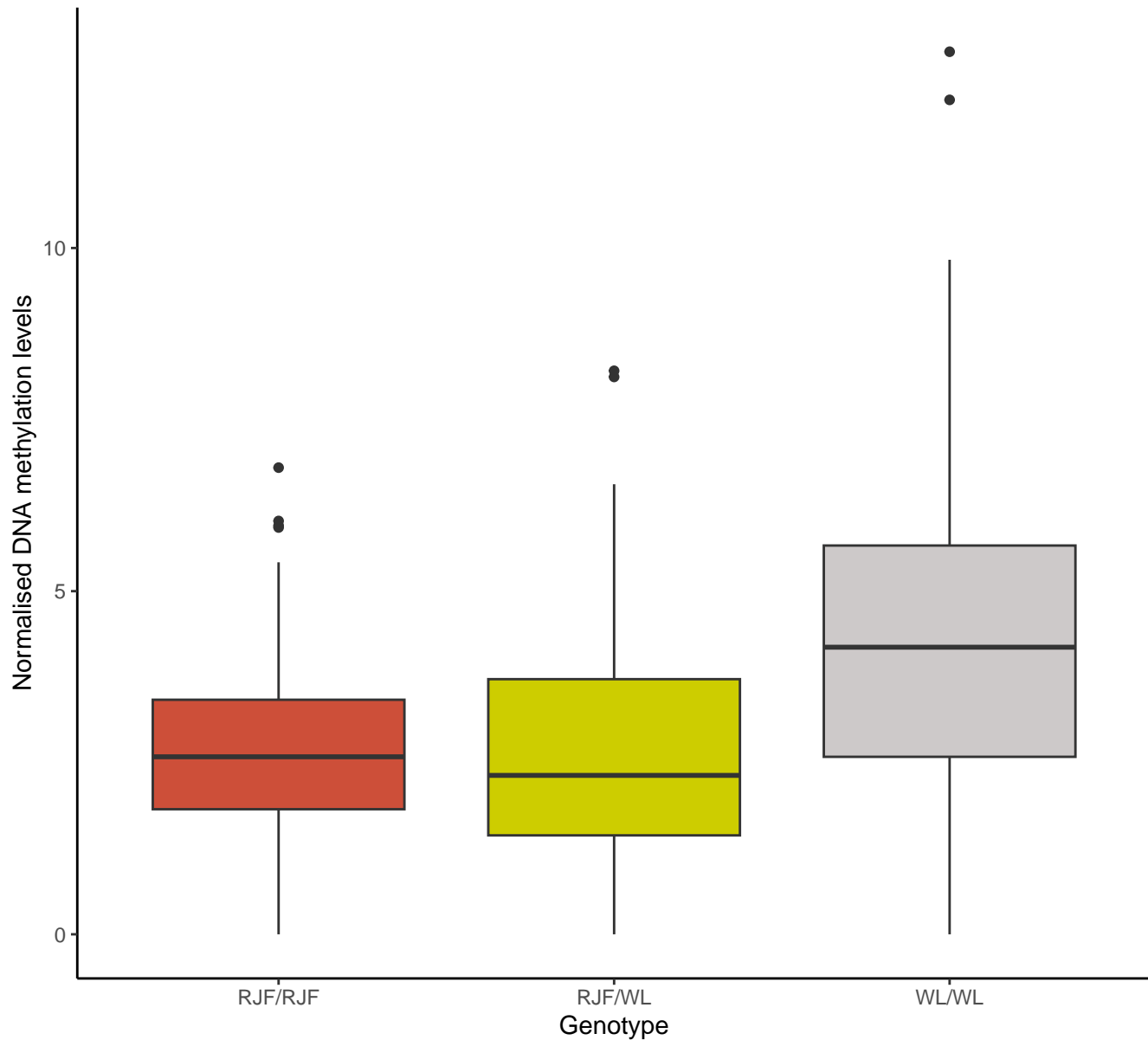
trans mQTL | chr8@104cM | LOD: 7.36
Methbin: chrZ_64839000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



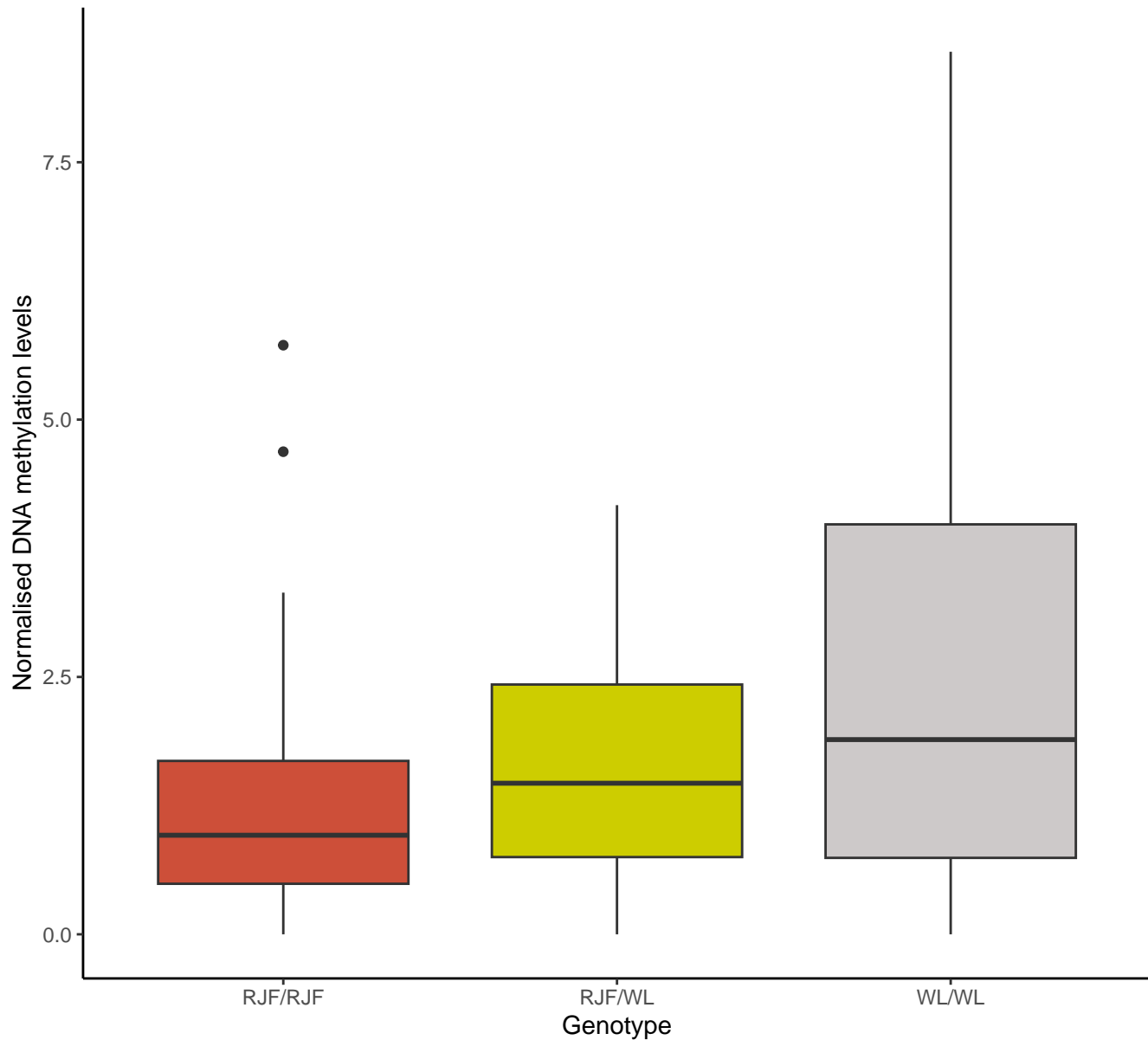
trans mQTL | chr6@105.16cM | LOD: 8.91

Methbin: chrZ_64954000 | marker:Gg_rs14568888

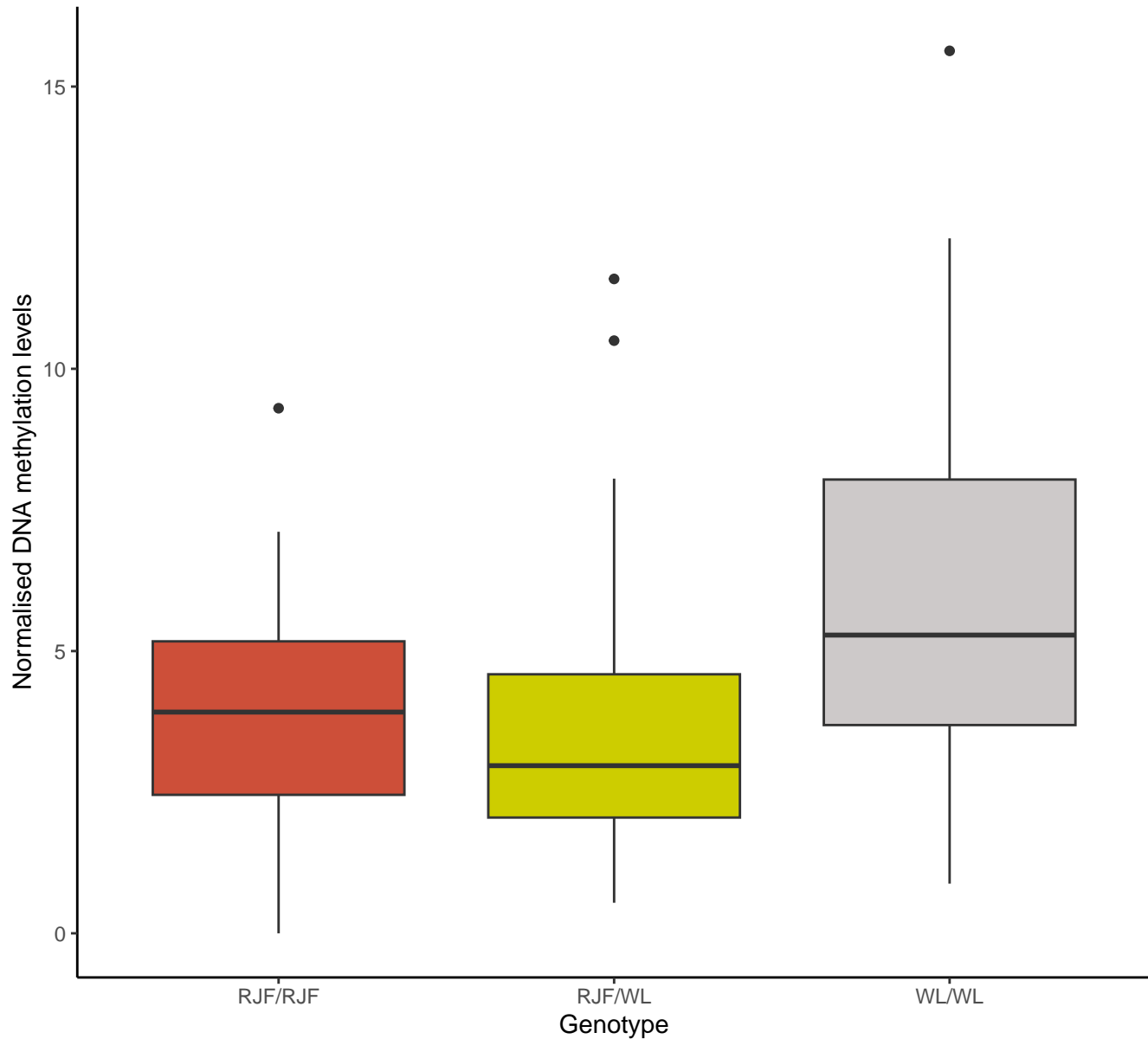
CI: chr6:86.33–112.27cM



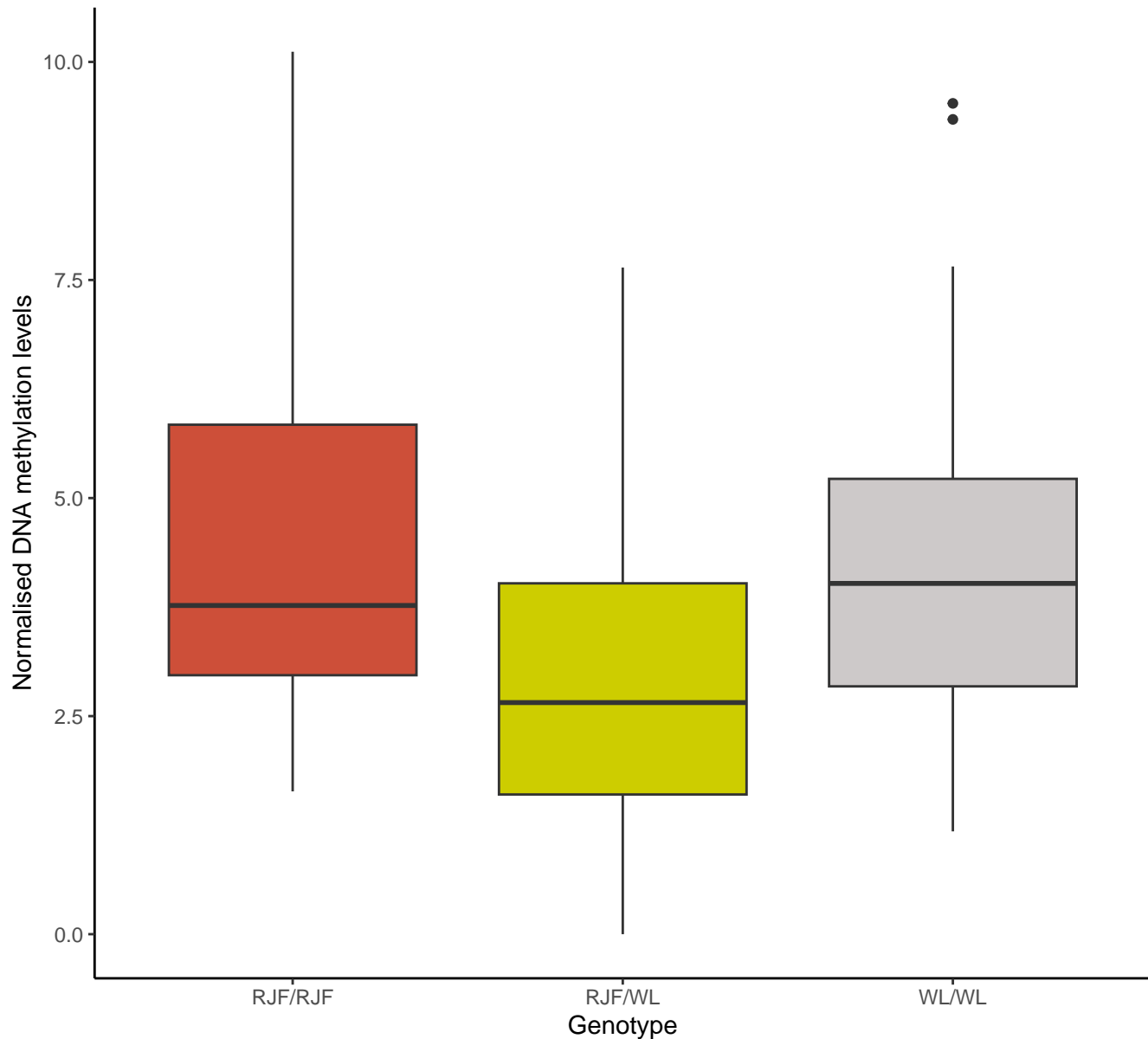
trans mQTL | chr14@265.73cM | LOD: 8.47
Methbin: chrZ_65053000 | marker:rb1871
CI: chr14:241.01–265.73cM



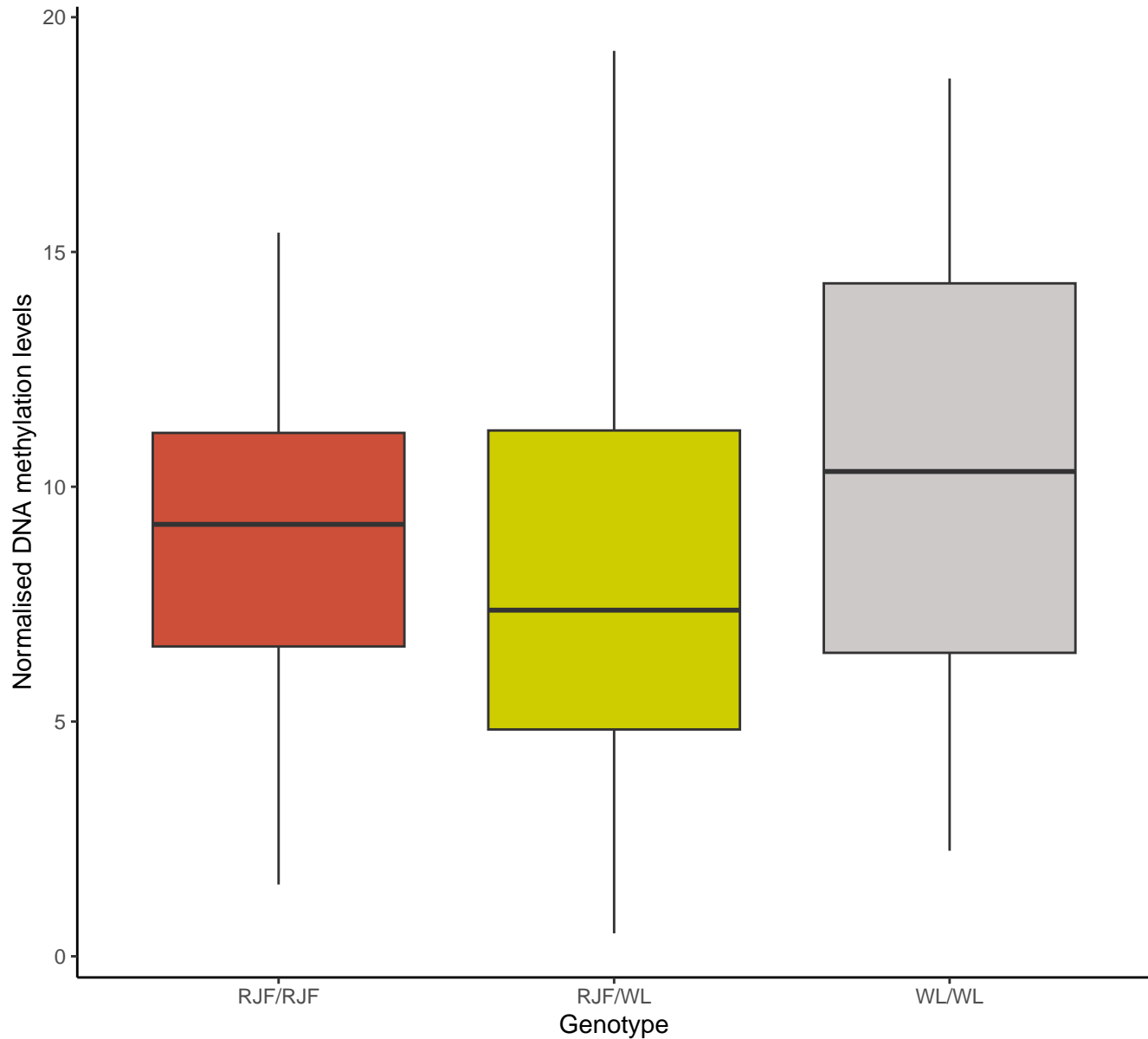
trans mQTL | chr6@105.16cM | LOD: 5.94
Methbin: chrZ_65345000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



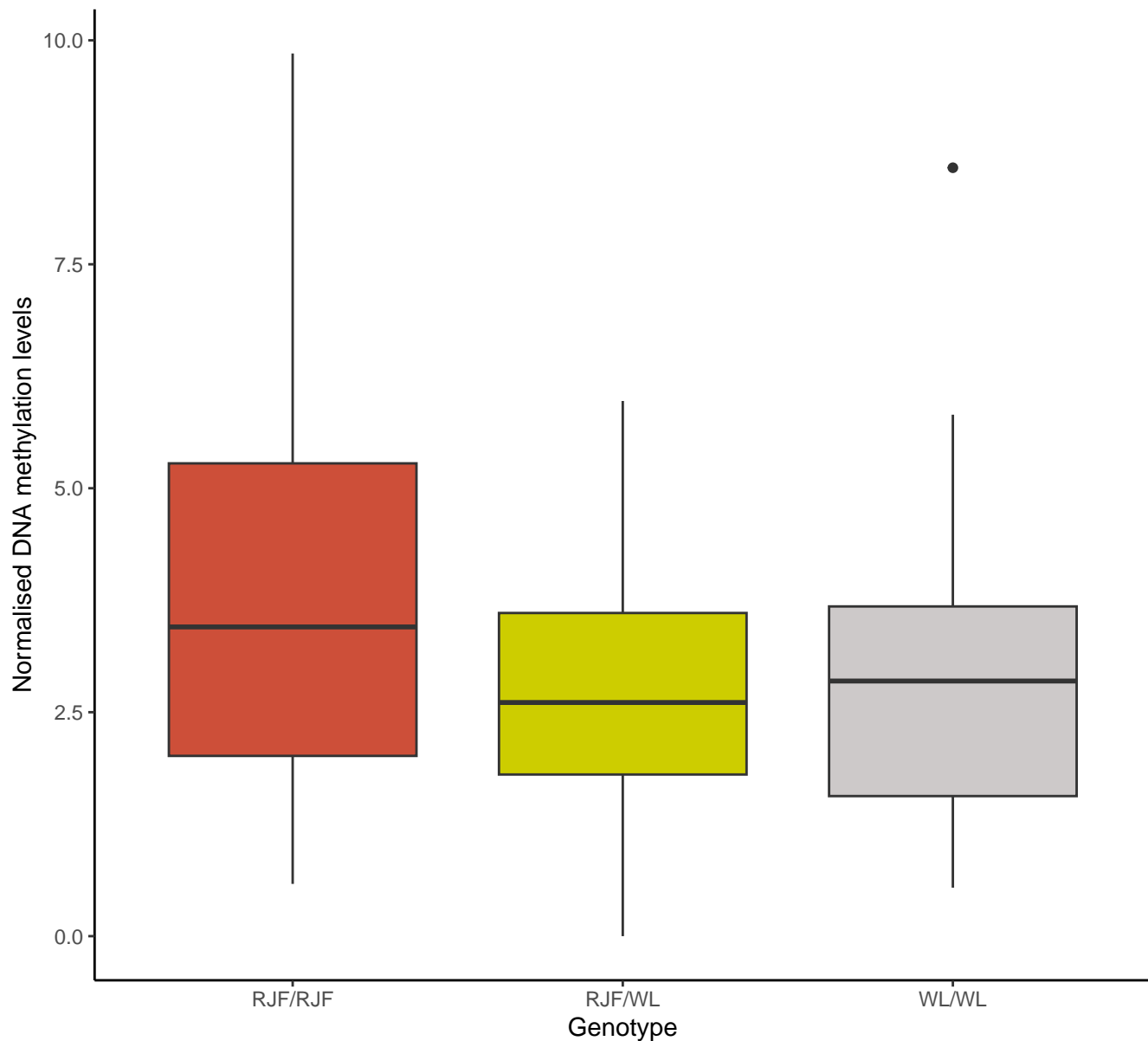
trans mQTL | chr2@90.91cM | LOD: 6.76
Methbin: chrZ_65368000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



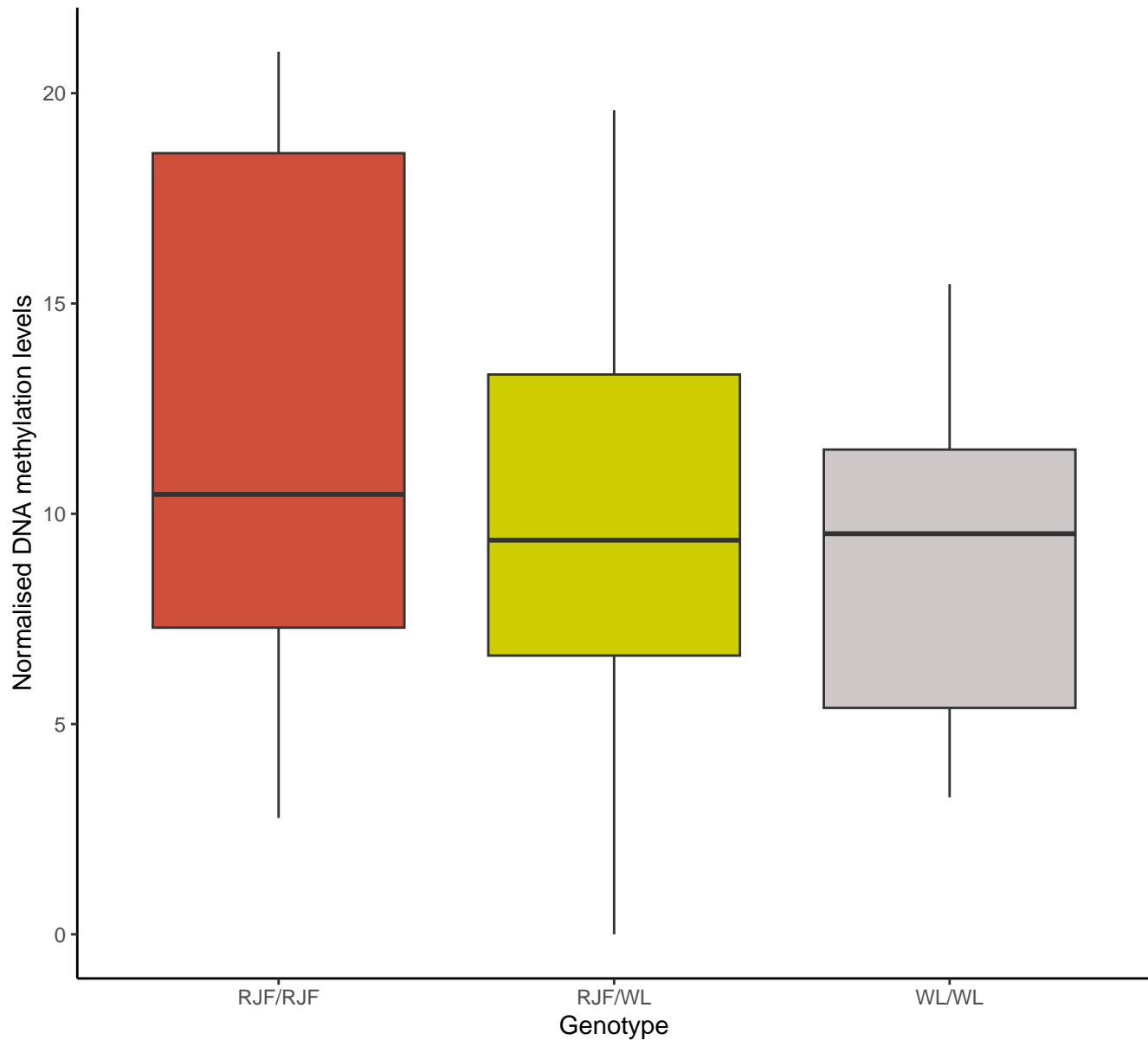
trans mQTL | chr2@745.11cM | LOD: 7.19
Methbin: chrZ_65423000 | marker:Gg_rs15126508
CI: chr2:733.11–771.22cM



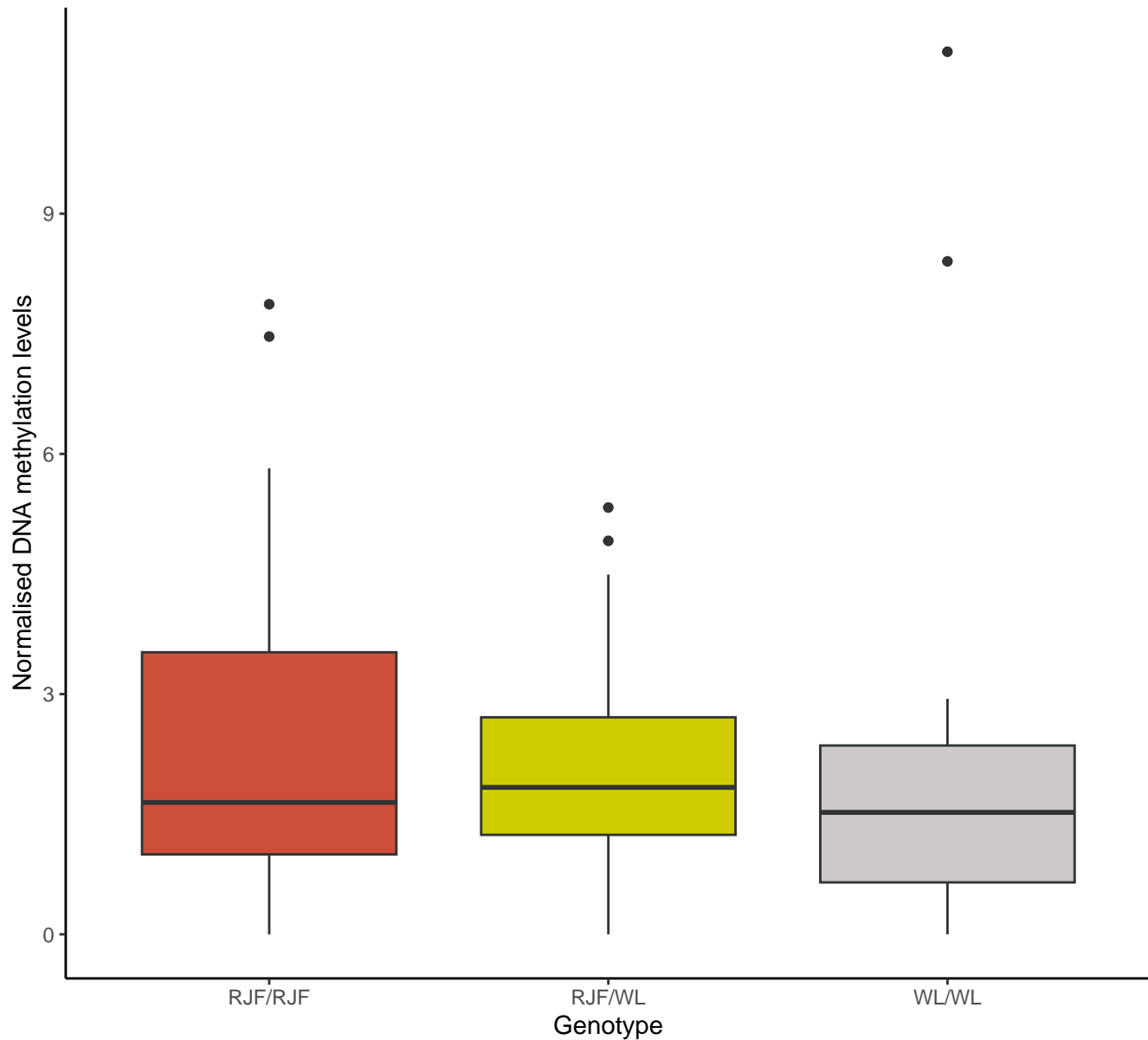
trans mQTL | chr1@1410.84cM | LOD: 6.31
Methbin: chrZ_65617000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



trans mQTL | chr1@1410.84cM | LOD: 6.27
Methbin: chrZ_65687000 | marker:Gg_rs14858437
CI: chr1:1326.88–1417.54cM



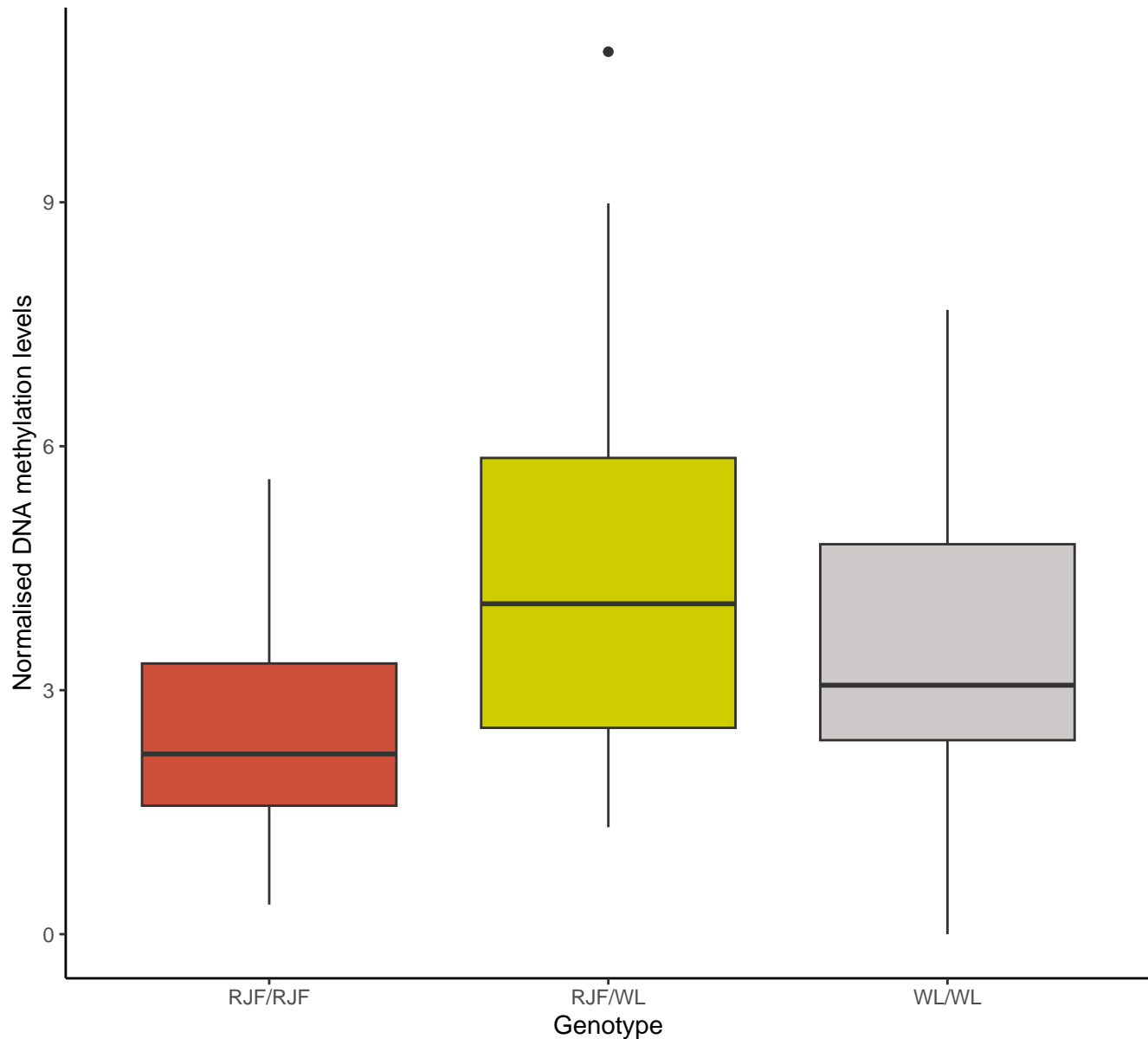
trans mQTL | chr4@10cM | LOD: 6.81
Methbin: chrZ_65724000 | marker:Gg_rs13546113
CI: chr4:0–29.52cM



trans mQTL | chr7@10.48cM | LOD: 6.25

Methbin: chrZ_65799000 | marker:Gg_rs15828492

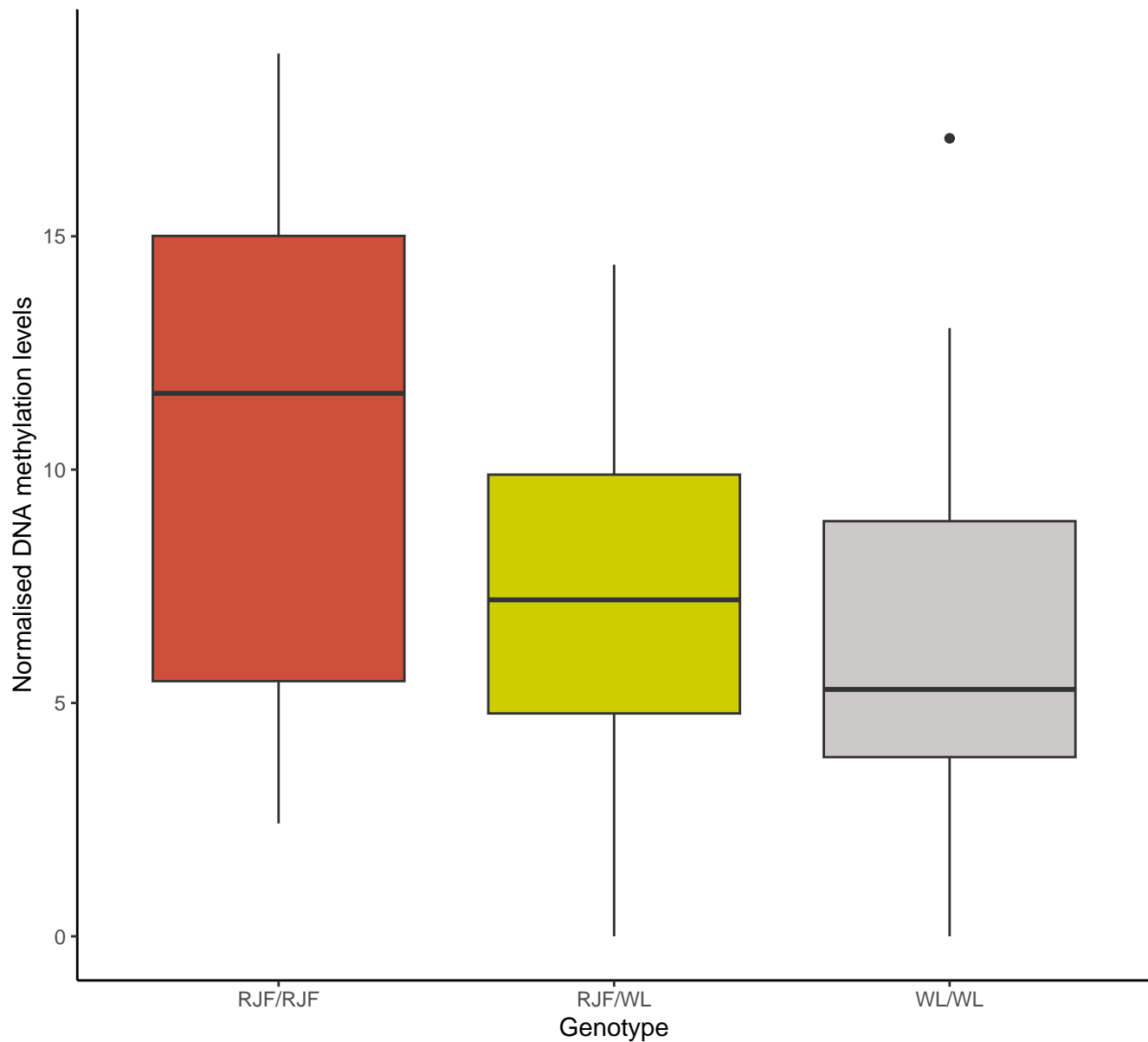
CI: chr7:0–58.22cM



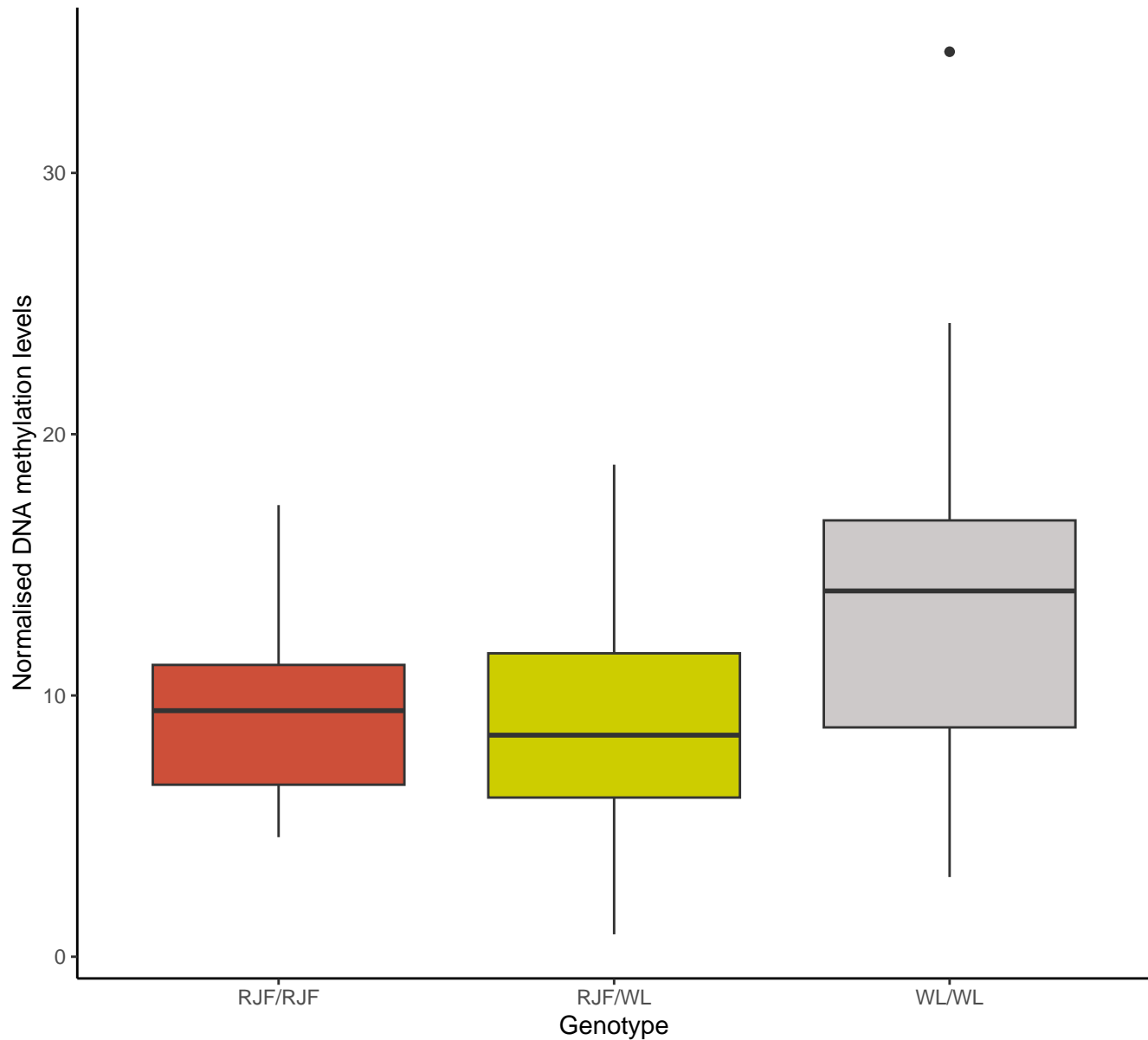
trans mQTL | chr5@182.4cM | LOD: 5.95

Methbin: chrZ_65997000 | marker:Gg_rs15679503

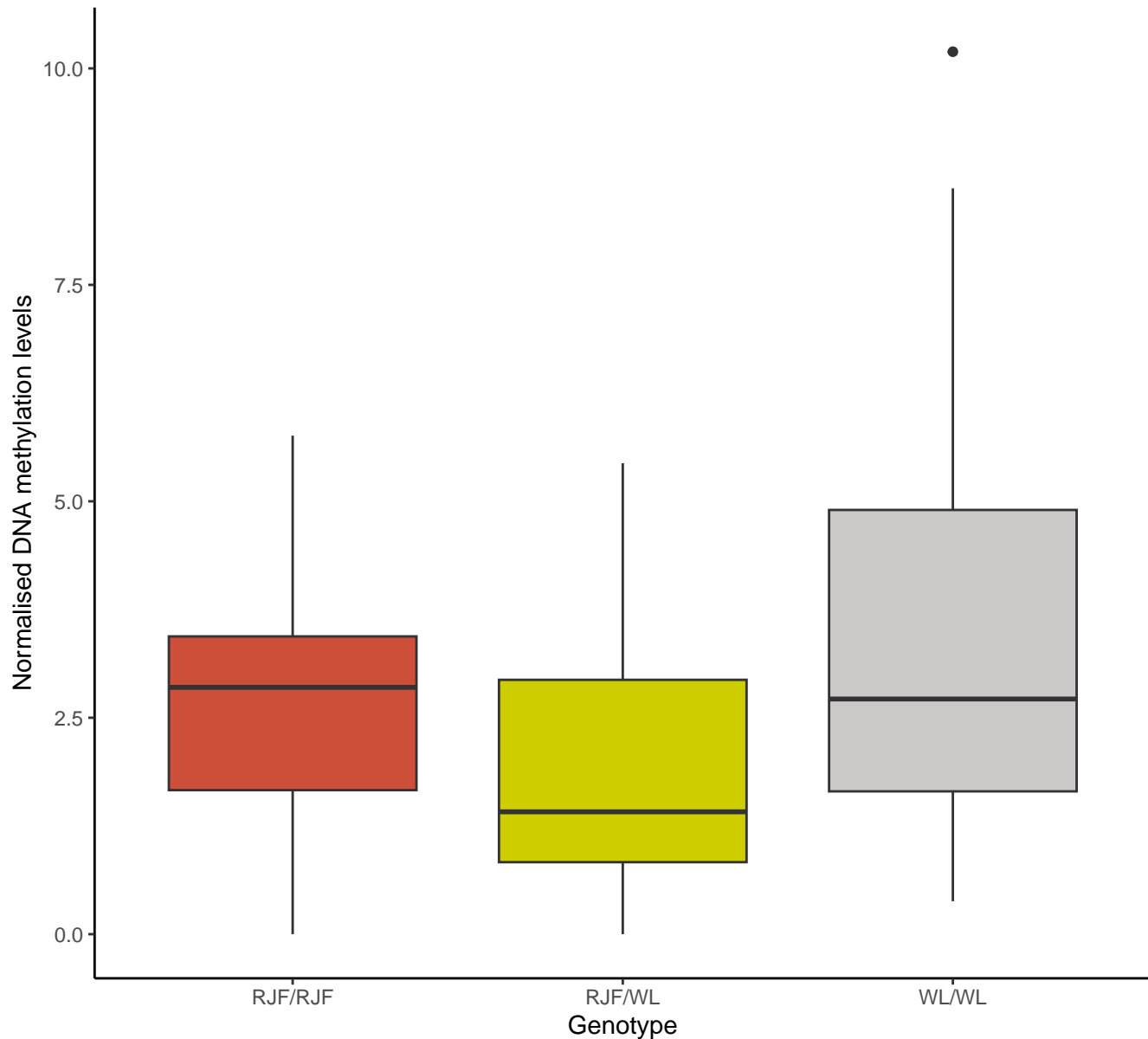
CI: chr5:131.24–200.39cM



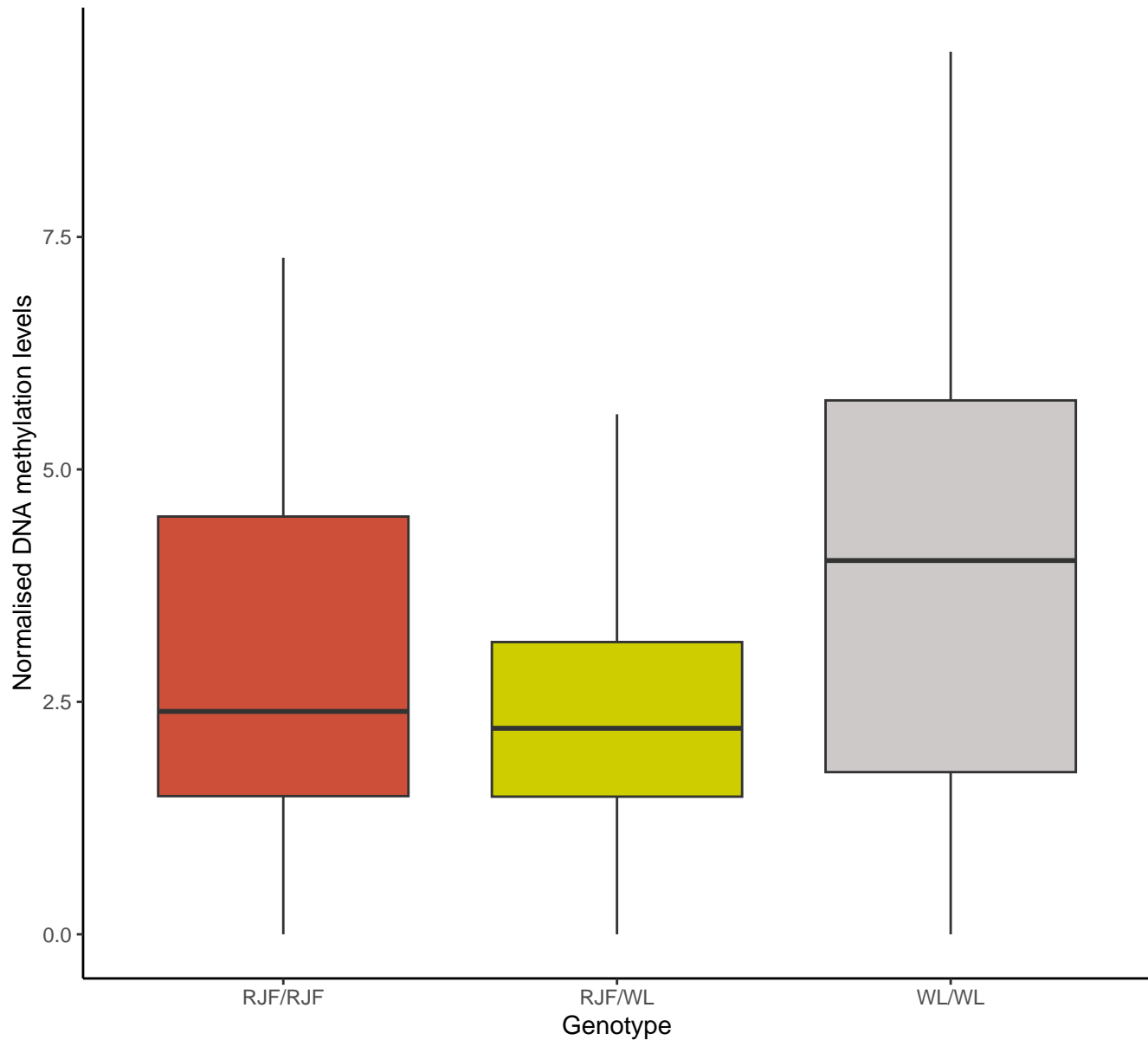
trans mQTL | chr2@98.38cM | LOD: 6.36
Methbin: chrZ_66043000 | marker:Gg_rs15060526
CI: chr2:90.91–145.68cM



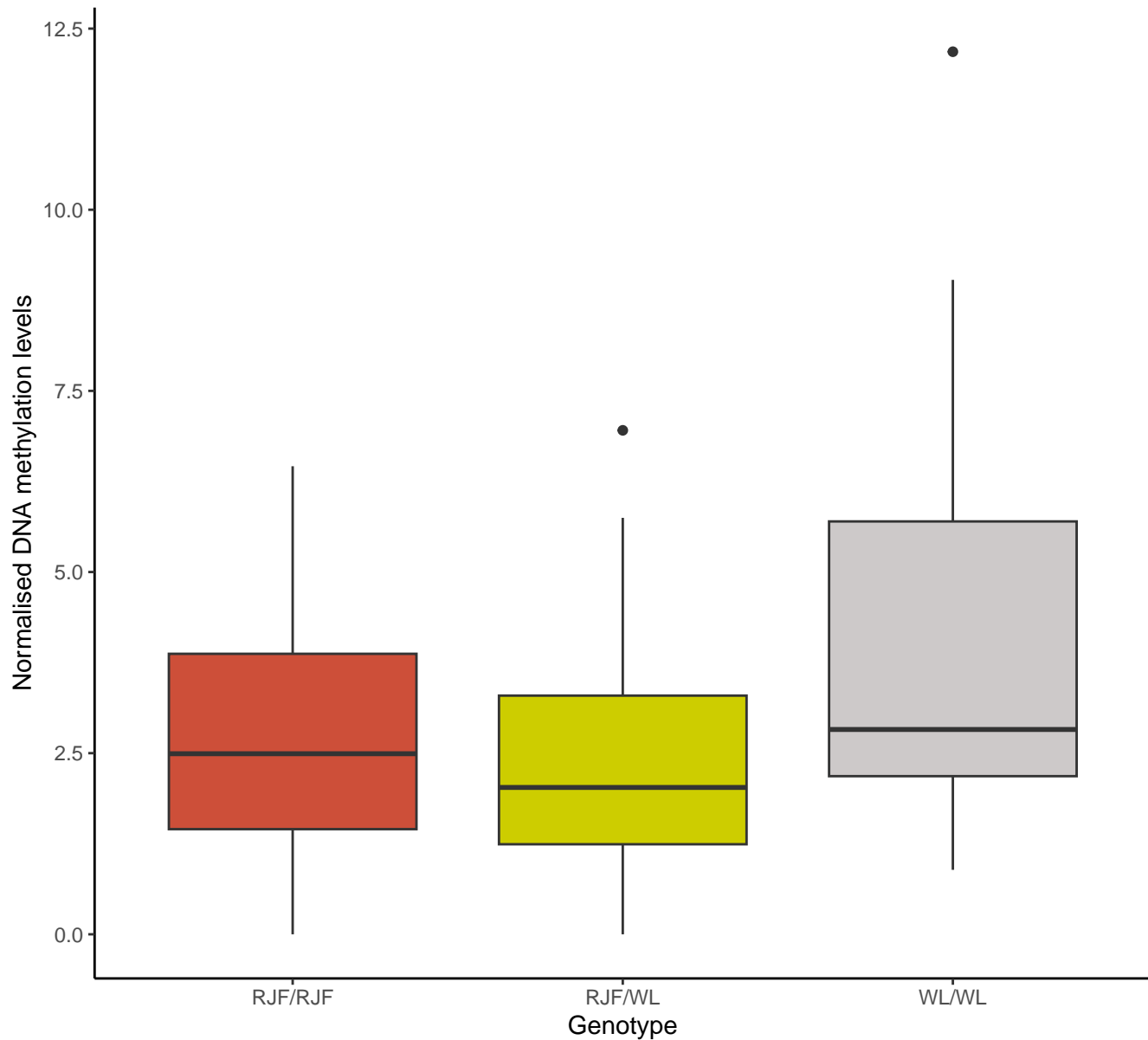
trans mQTL | chr14@23cM | LOD: 6.29
Methbin: chrZ_66231000 | marker:Gg_rs13530937
CI: chr14:4.68–36.05cM



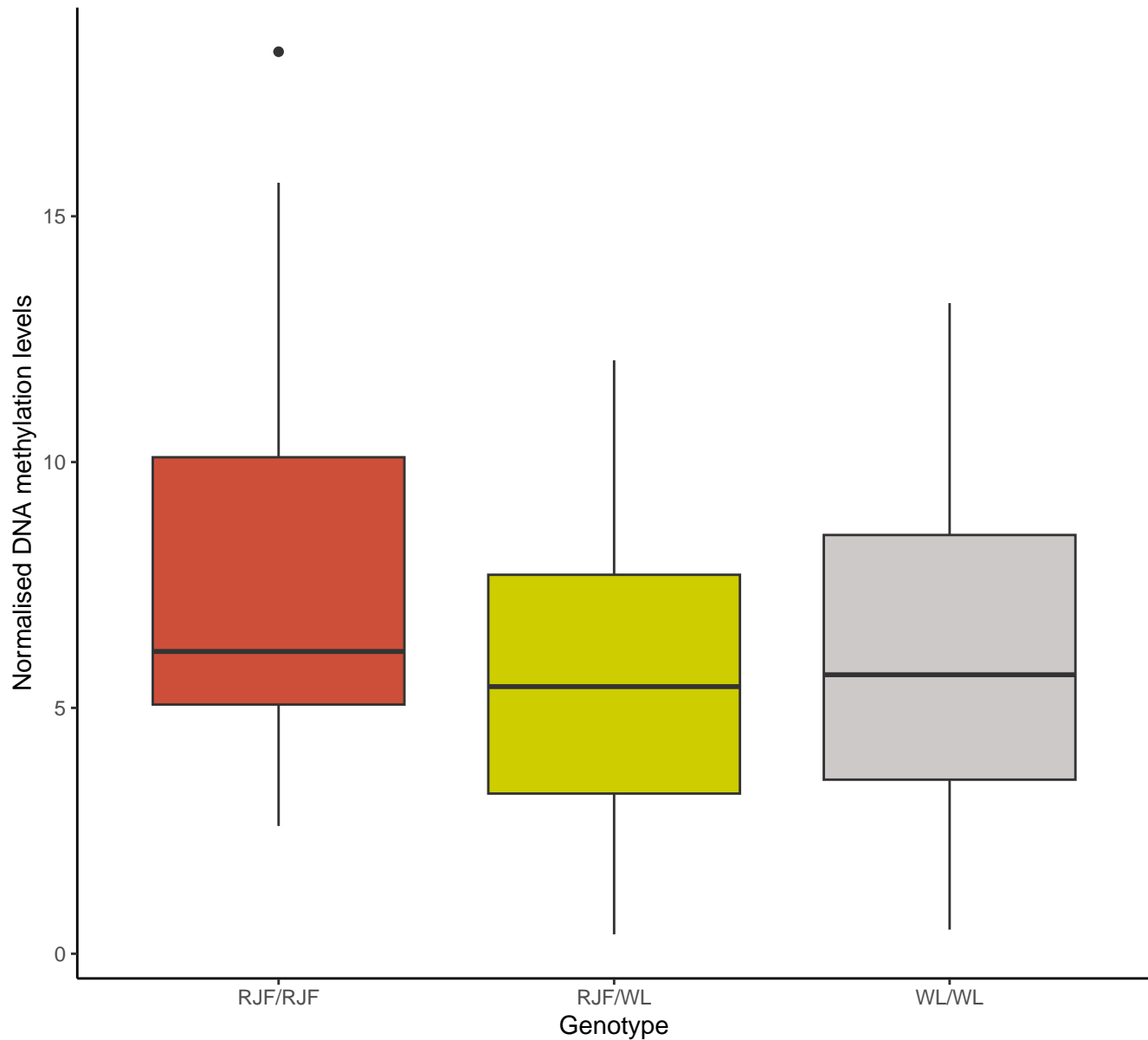
trans mQTL | chr3@745cM | LOD: 6.63
Methbin: chrZ_66516000 | marker:Gg_rs14413960
CI: chr3:733.93–745.46cM



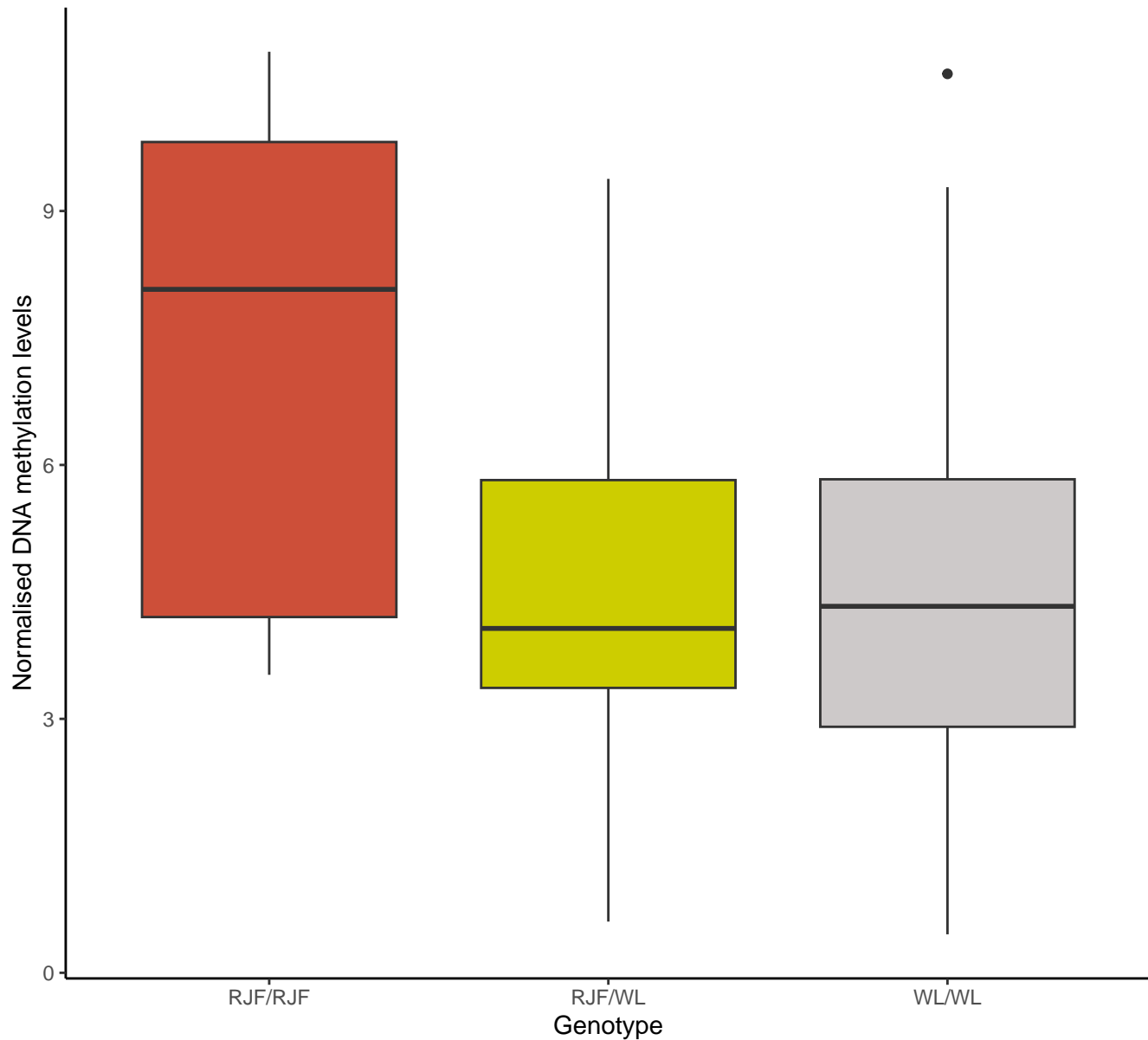
trans mQTL | chr6@105.16cM | LOD: 7.5
Methbin: chrZ_66580000 | marker:Gg_rs14568888
CI: chr6:86.33–112.27cM



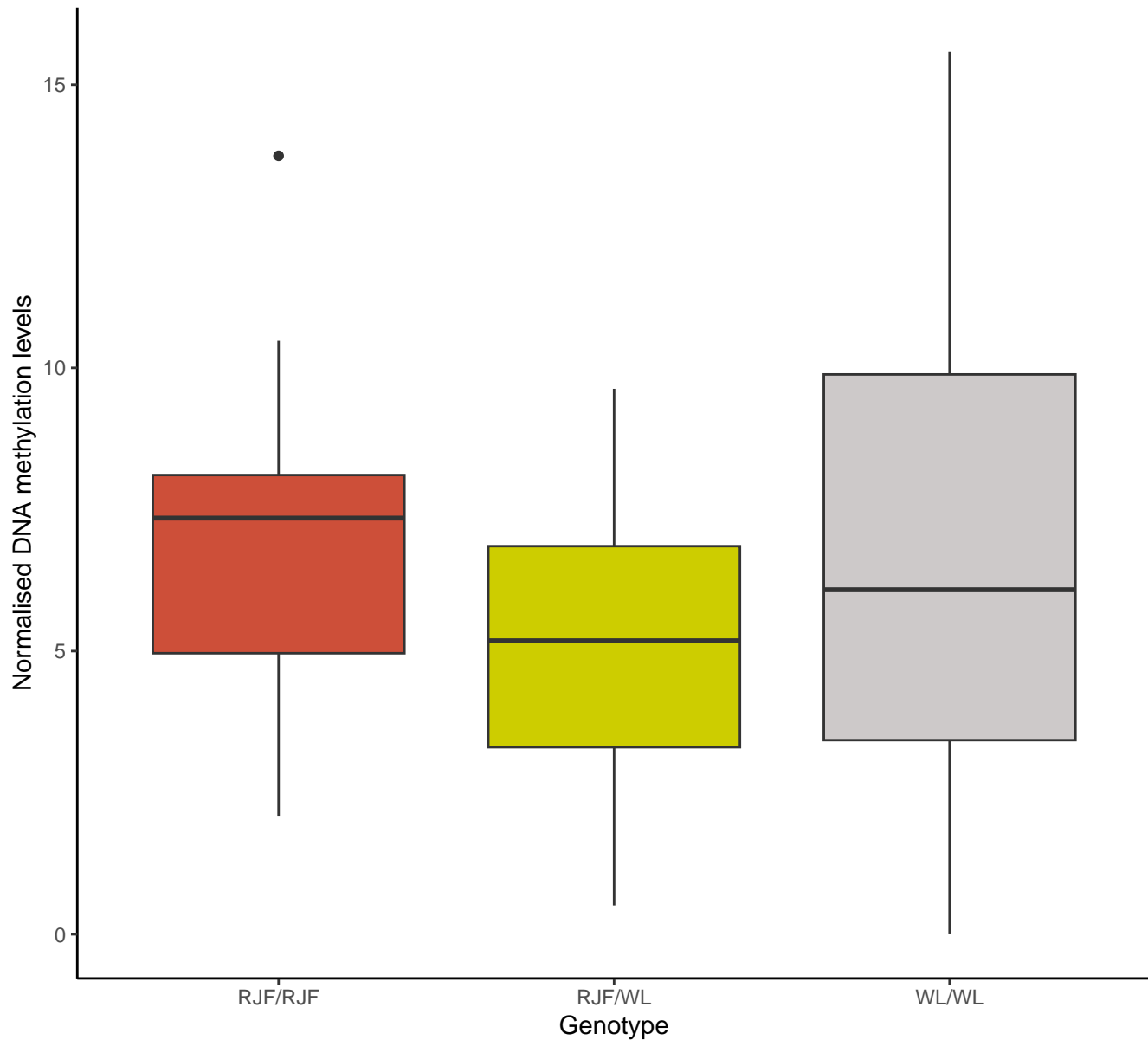
trans mQTL | chr10@117.88cM | LOD: 6.26
Methbin: chrZ_67193000 | marker:Gg_rs14003134
CI: chr10:99.18–138.66cM



trans mQTL | chr12@27.32cM | LOD: 6.3
Methbin: chrZ_67328000 | marker:Gg_rs14971198
CI: chr12:3.4–34.82cM



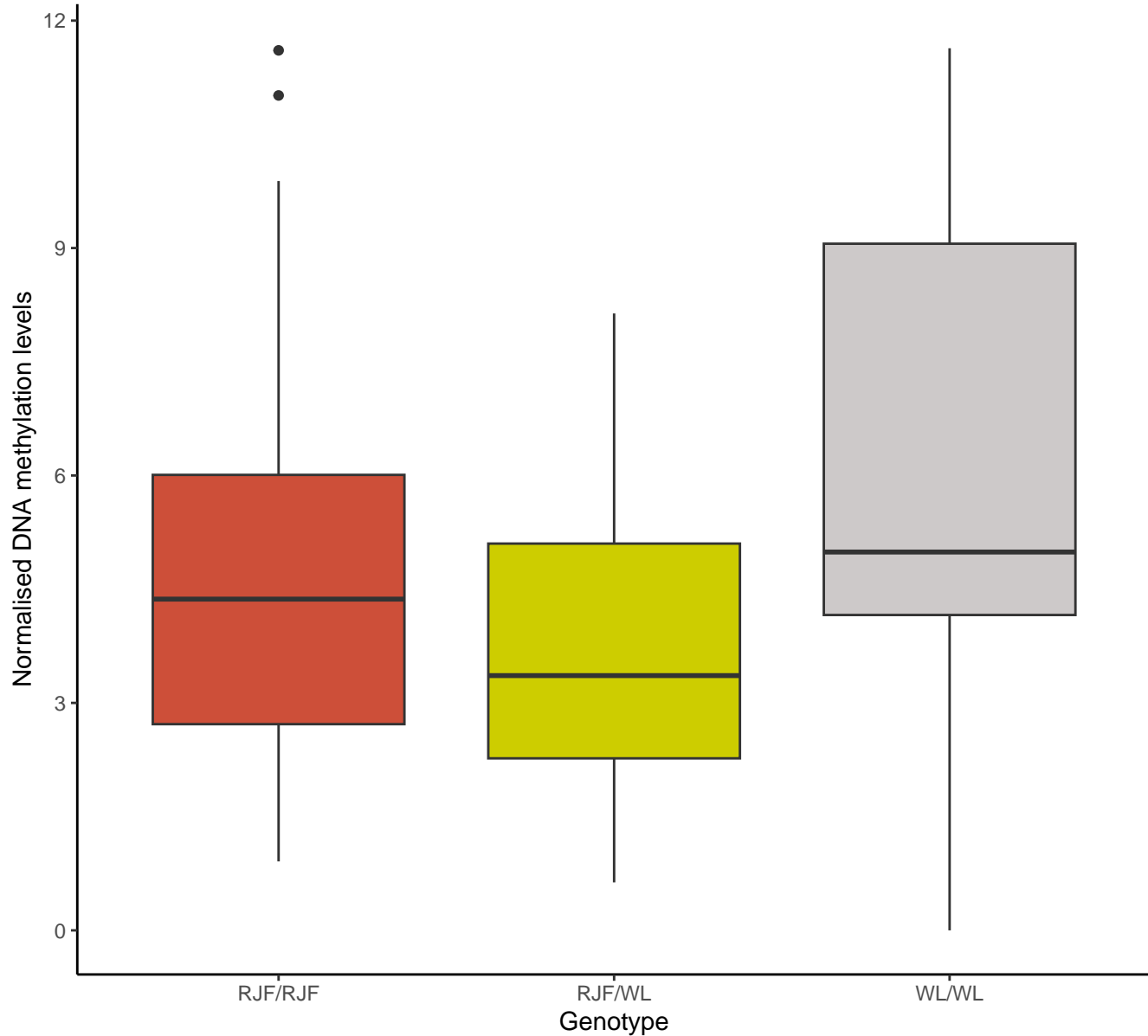
trans mQTL | chr1@281.94cM | LOD: 6.38
Methbin: chrZ_67552000 | marker:Gg_rs14793763
CI: chr1:269.61–2334.16cM



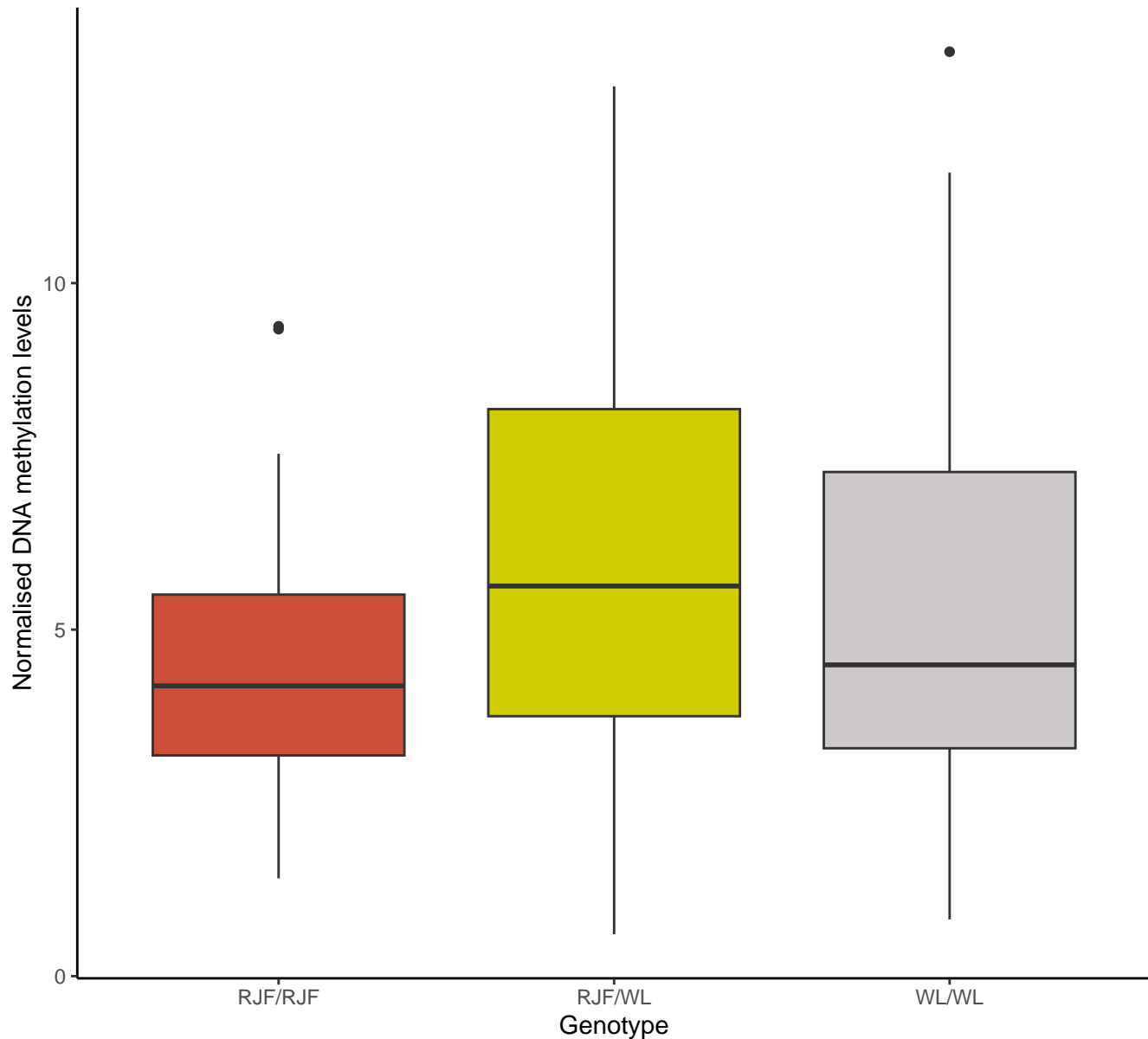
trans mQTL | chr2@693.4cM | LOD: 6.11

Methbin: chrZ_67584000 | marker:Gg_rs15115408

CI: chr2:687.14–712.87cM



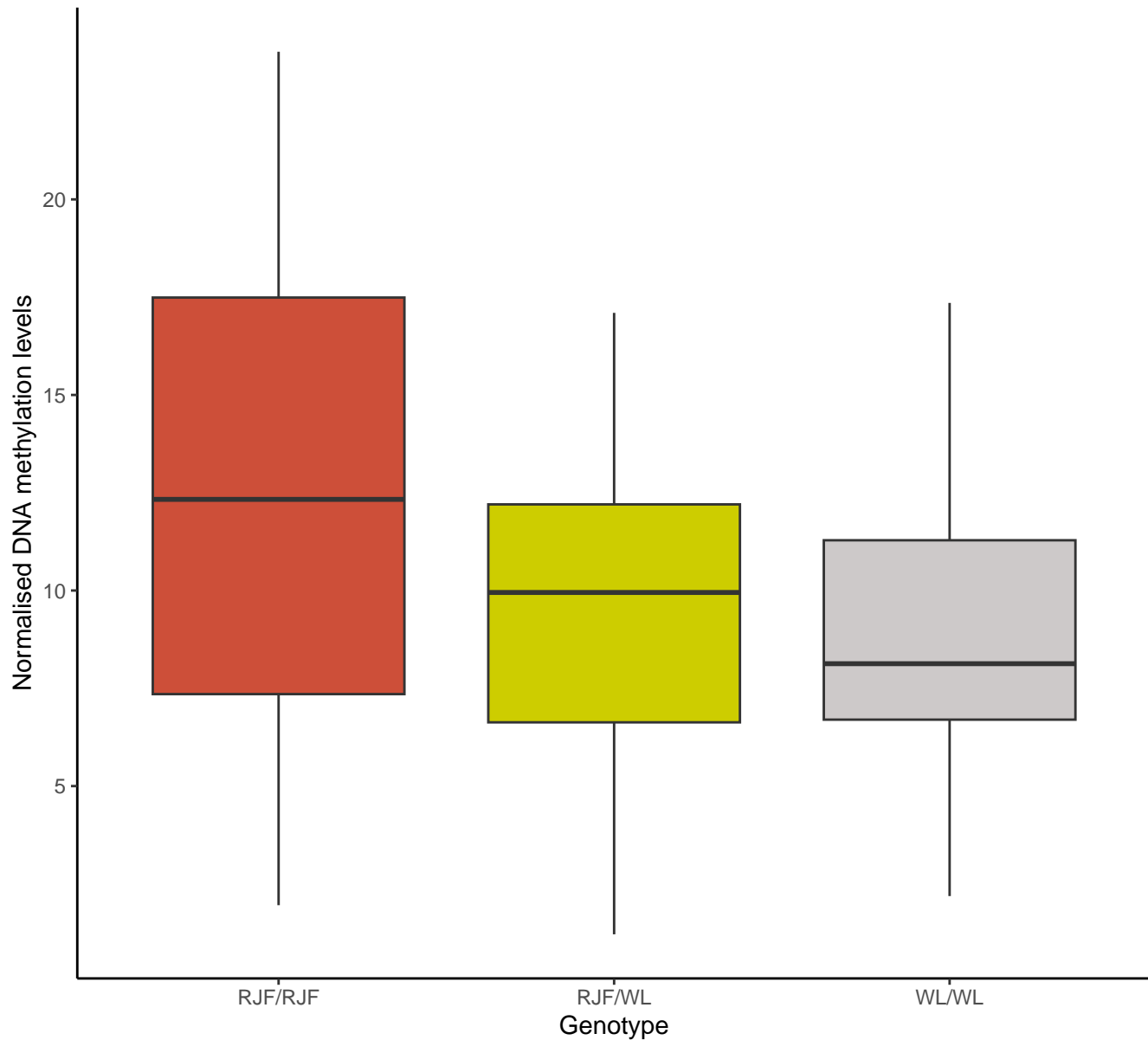
trans mQTL | chr2@1031.5cM | LOD: 6.1
Methbin: chrZ_67612000 | marker:Gg_rs15152687
CI: chr2:994.21–1050.96cM



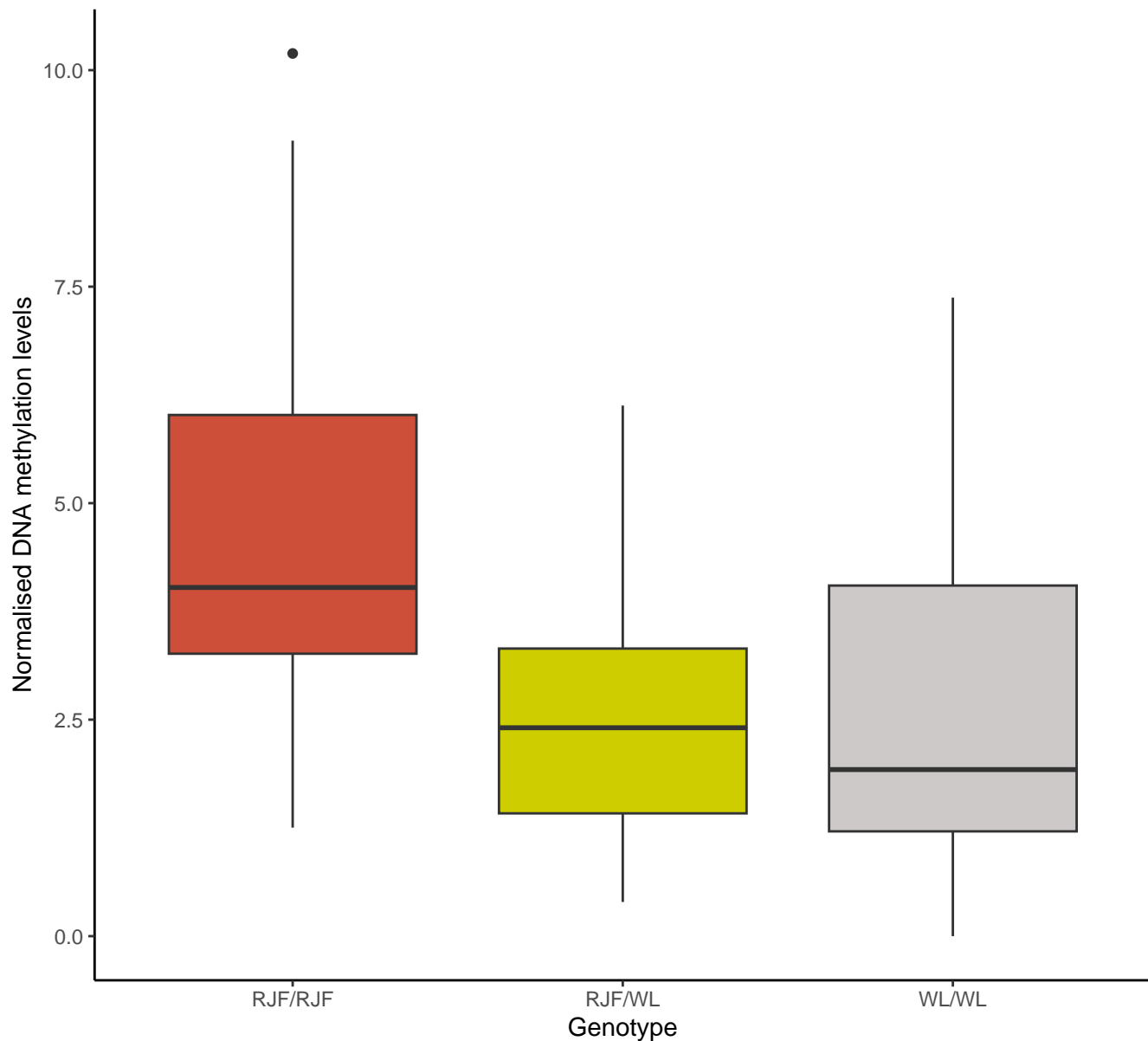
trans mQTL | chr21 @120.81cM | LOD: 6.54

Methbin: chrZ_67631000 | marker:rb12878

CI: chr21:75.8–120.81cM



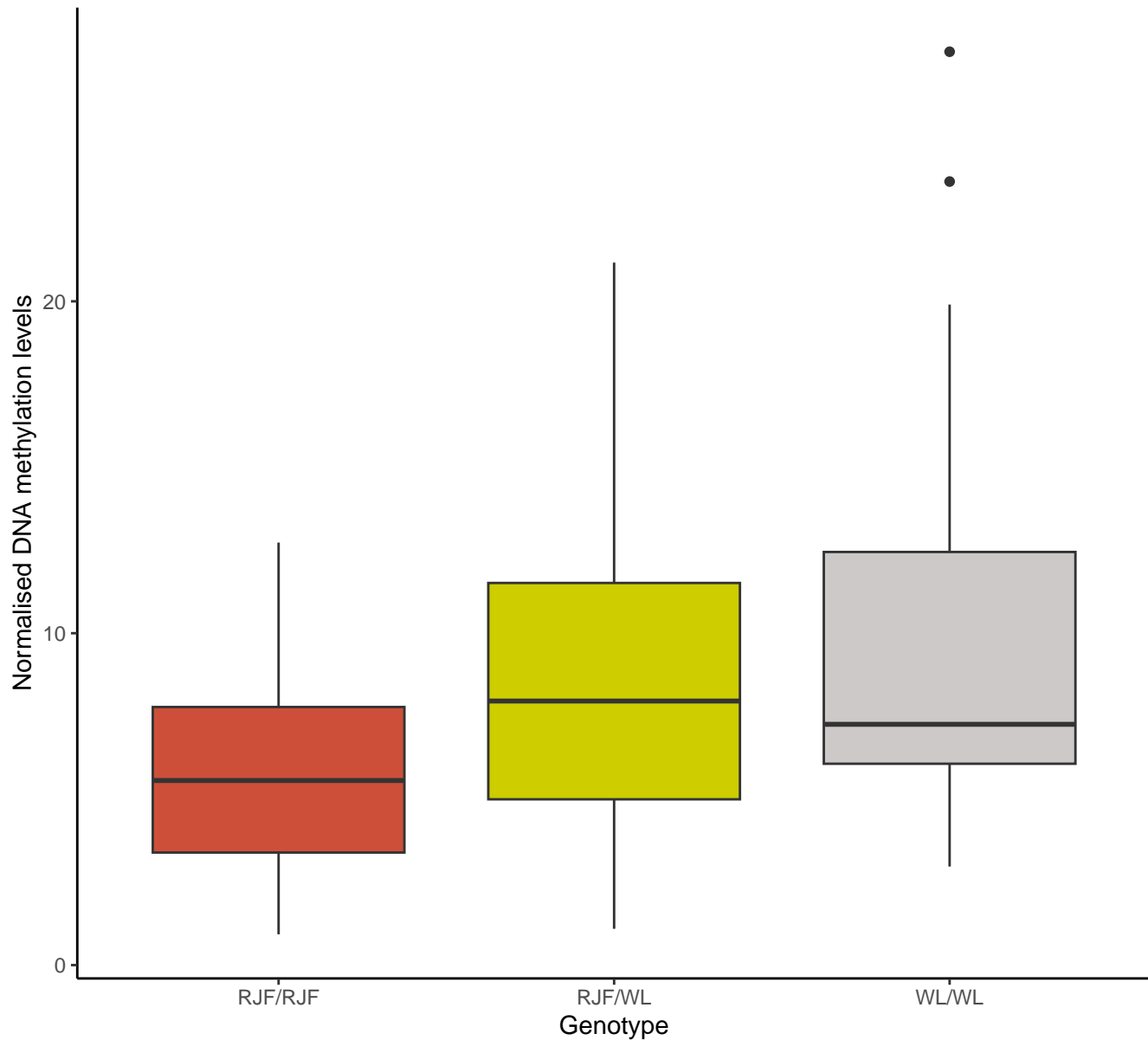
trans mQTL | chr25@191.4cM | LOD: 6.7
Methbin: chrZ_68367000 | marker:Gg_rs16682367
CI: chr25:100.4–191.4cM



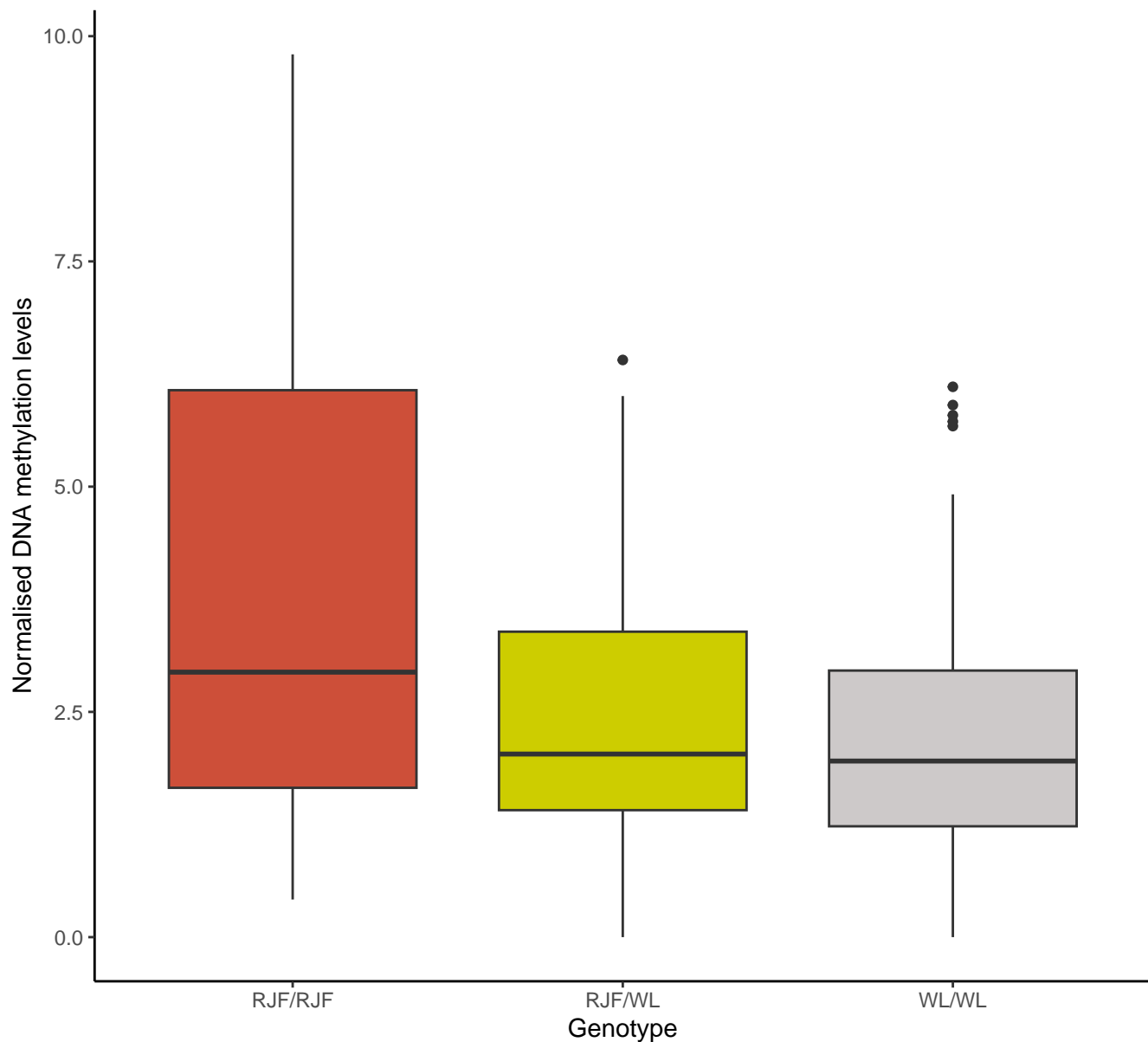
trans mQTL | chr14@265.73cM | LOD: 7.91

Methbin: chrZ_68385000 | marker:rbl1871

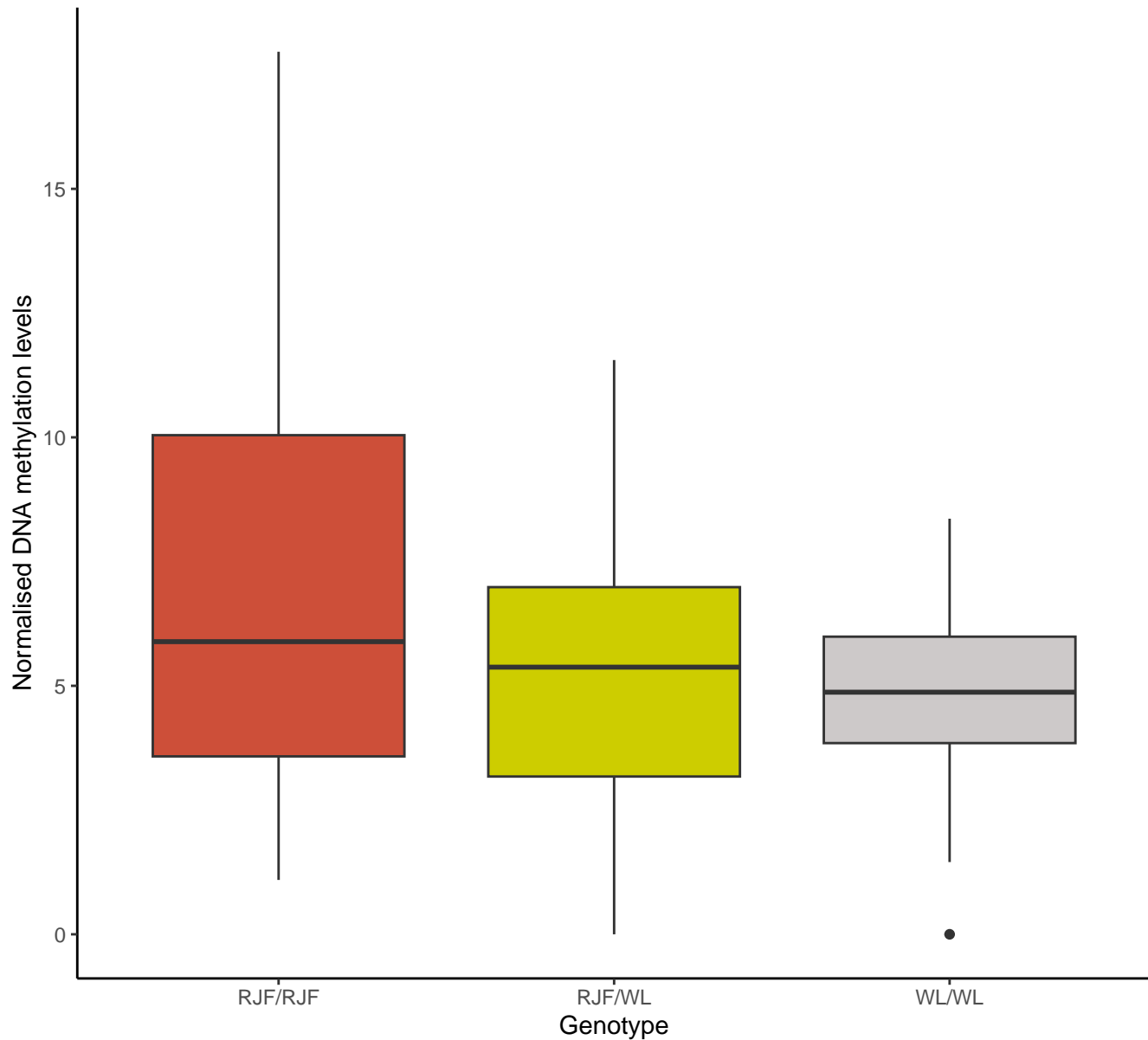
CI: chr14:241.01–265.73cM



trans mQTL | chr2@1189.59cM | LOD: 6.98
Methbin: chrZ_68449000 | marker:Gg_rs13761539
CI: chr2:1184.59–1275.66cM



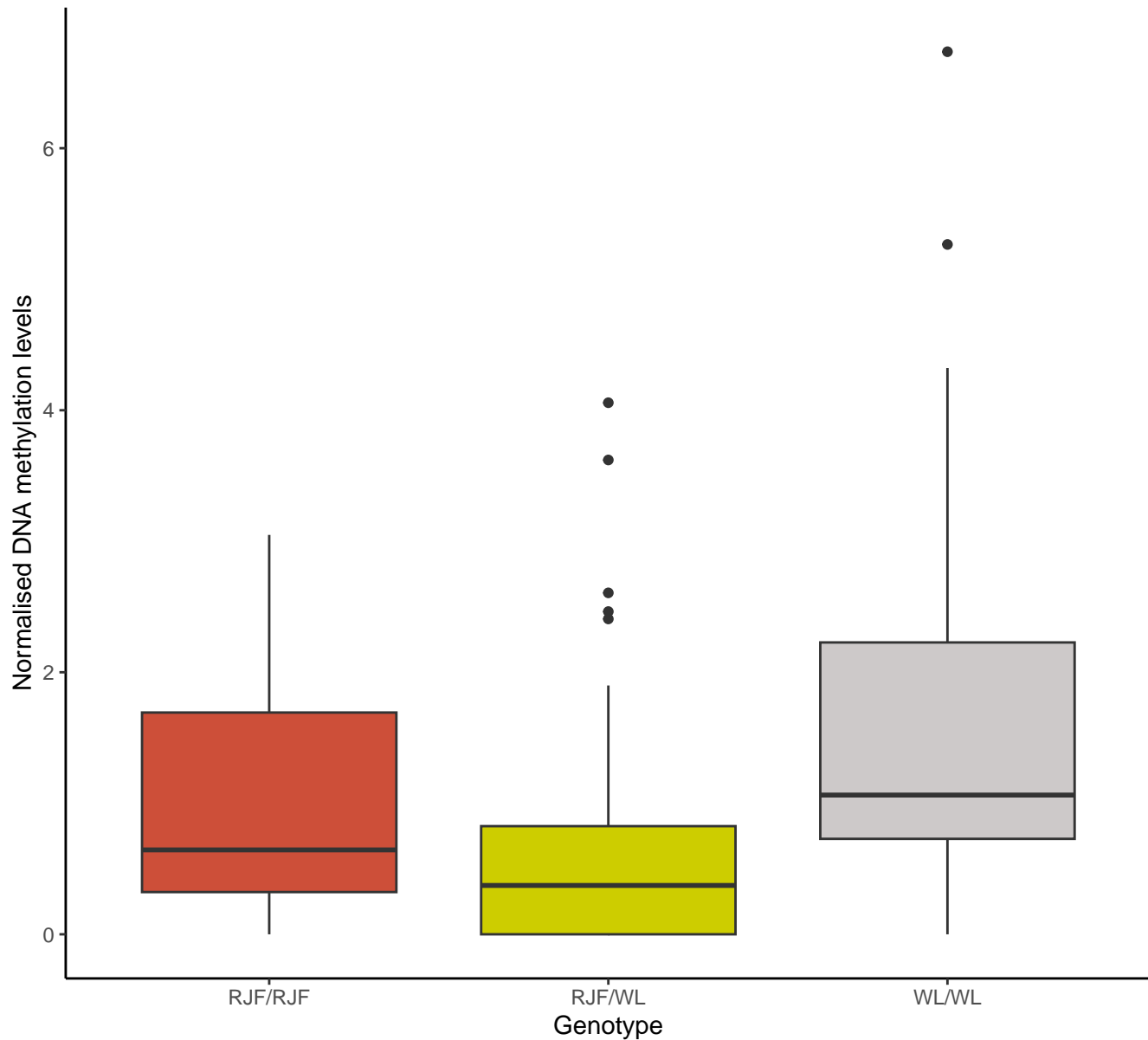
trans mQTL | chr20@114.81cM | LOD: 6.52
Methbin: chrZ_68709000 | marker:Gg_rs15174465
CI: chr20:108.34–191.78cM



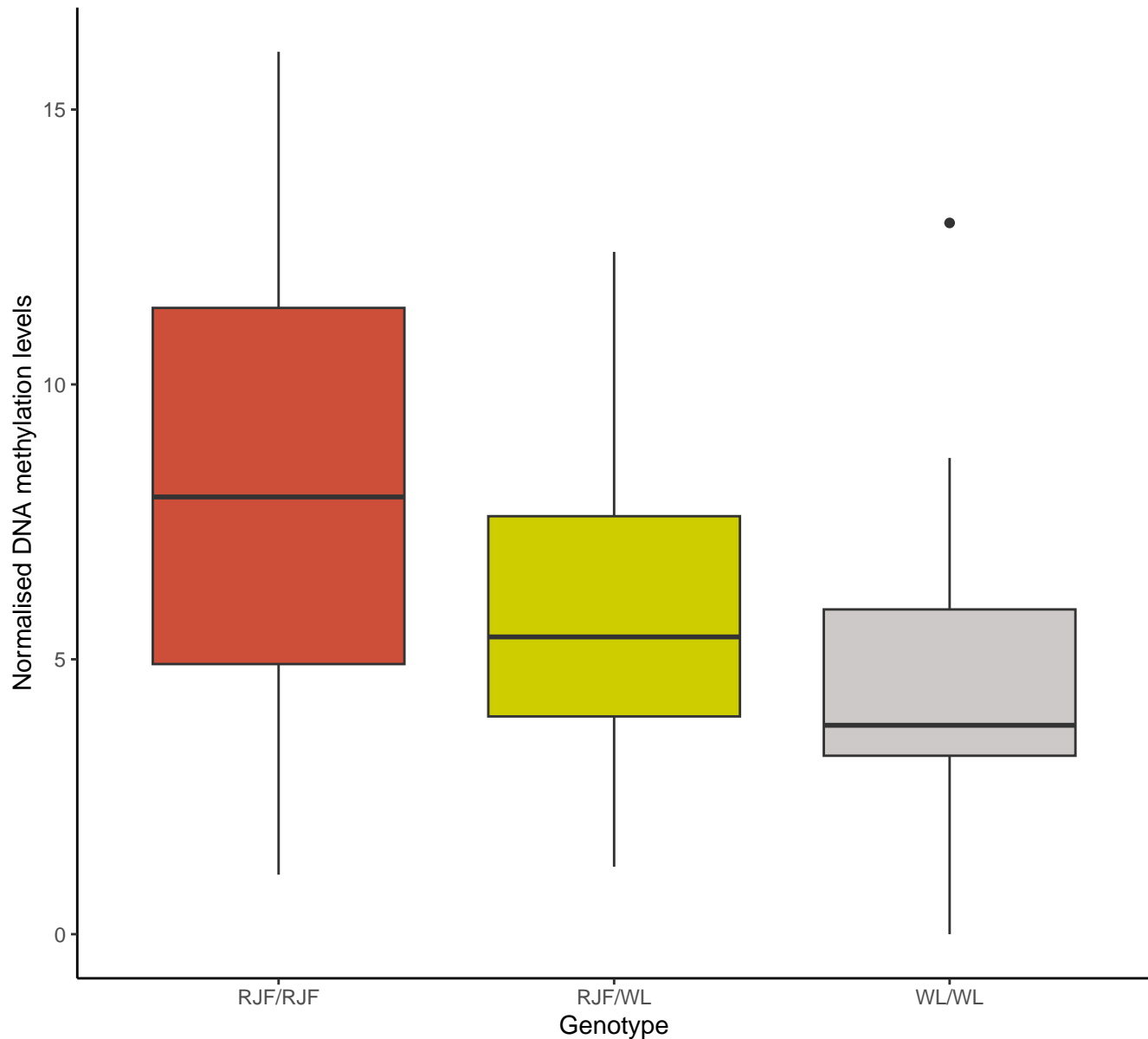
trans mQTL | chr6@105.16cM | LOD: 6.89

Methbin: chrZ_68941000 | marker:Gg_rs14568888

CI: chr6:86.33–112.27cM



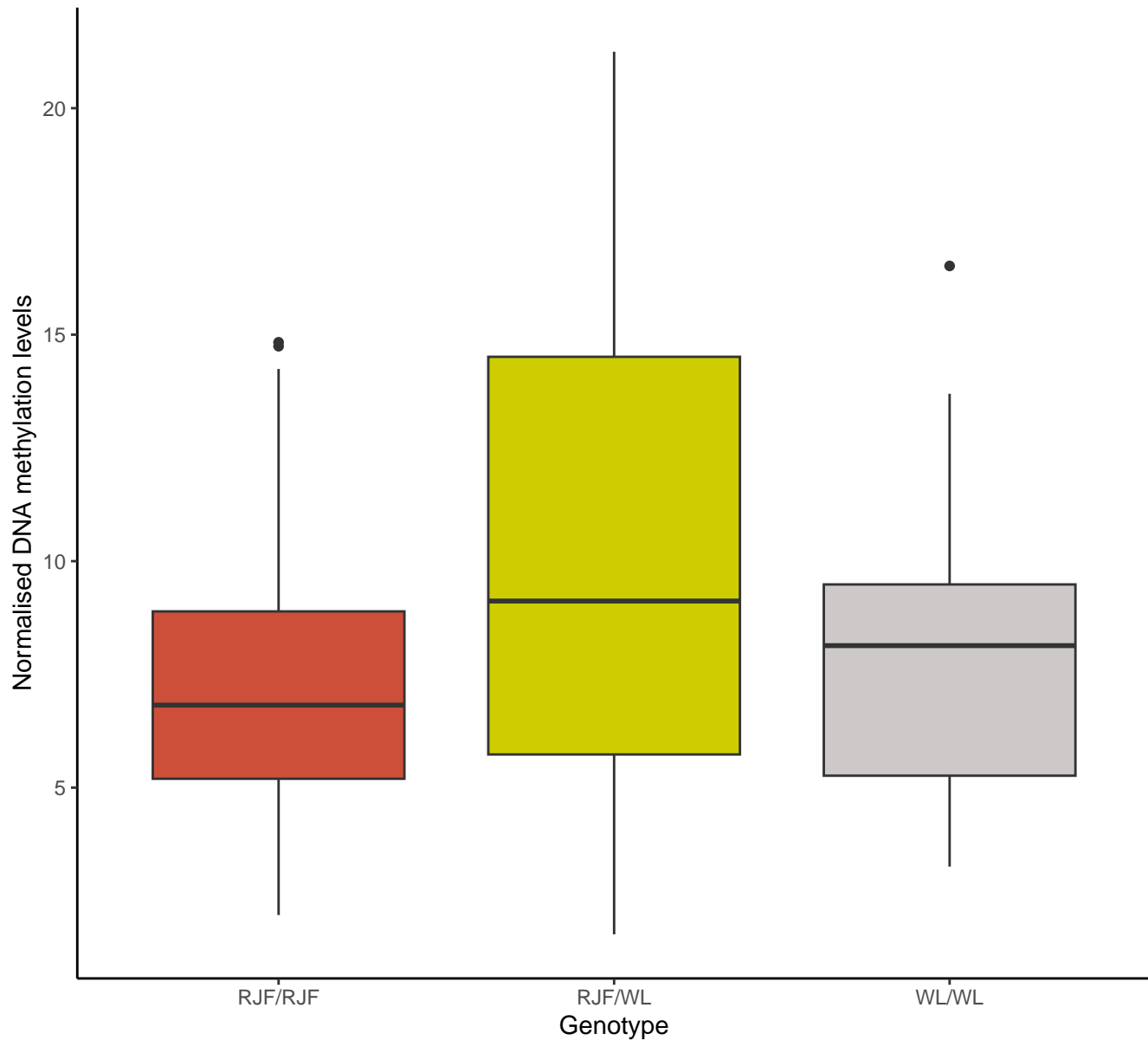
trans mQTL | chr3@441cM | LOD: 5.97
Methbin: chrZ_69100000 | marker:Gg_rs16281414
CI: chr3:437.05–578.5cM



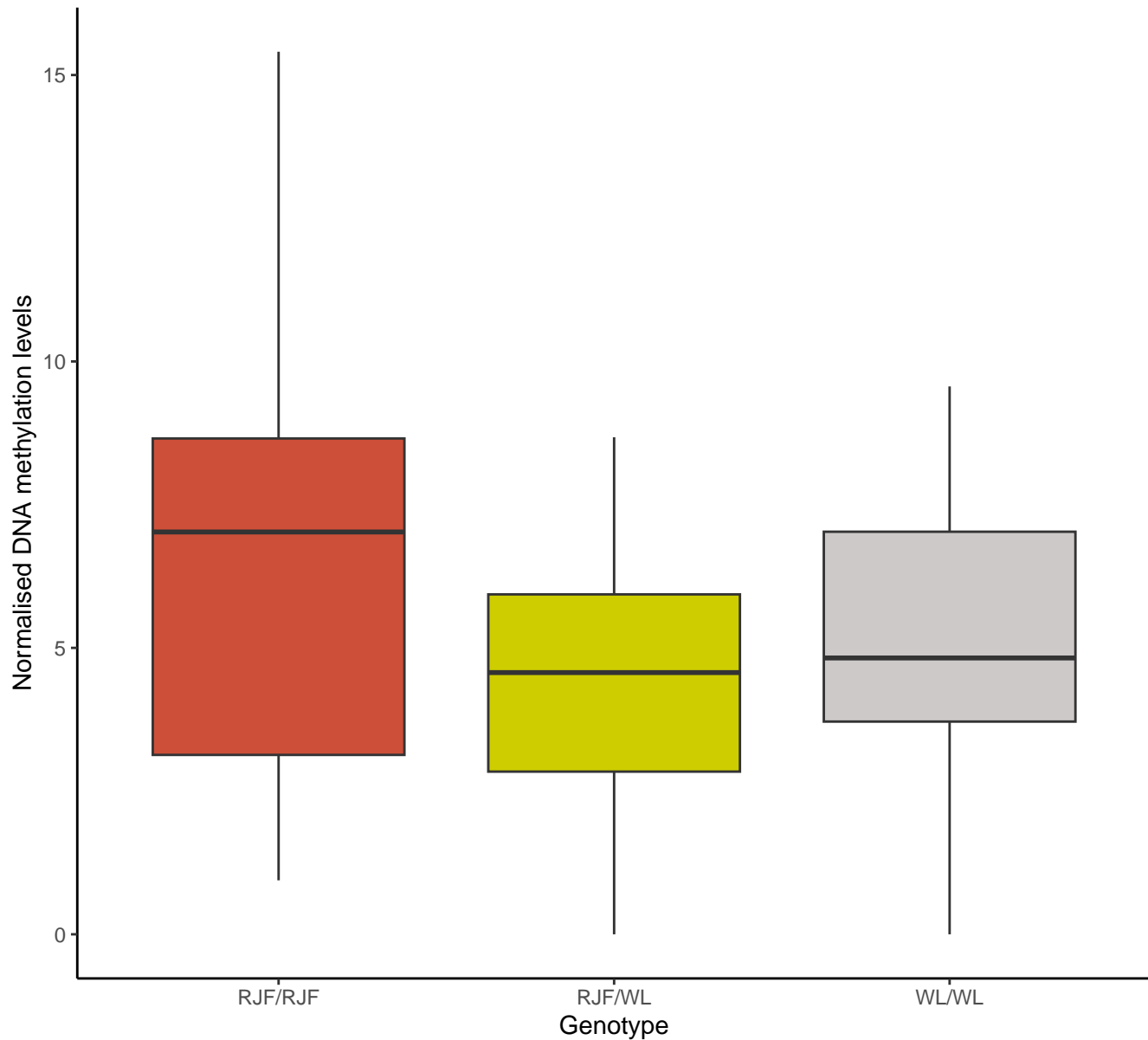
trans mQTL | chr7@10.48cM | LOD: 6.44

Methbin: chrZ_69194000 | marker:Gg_rs15828492

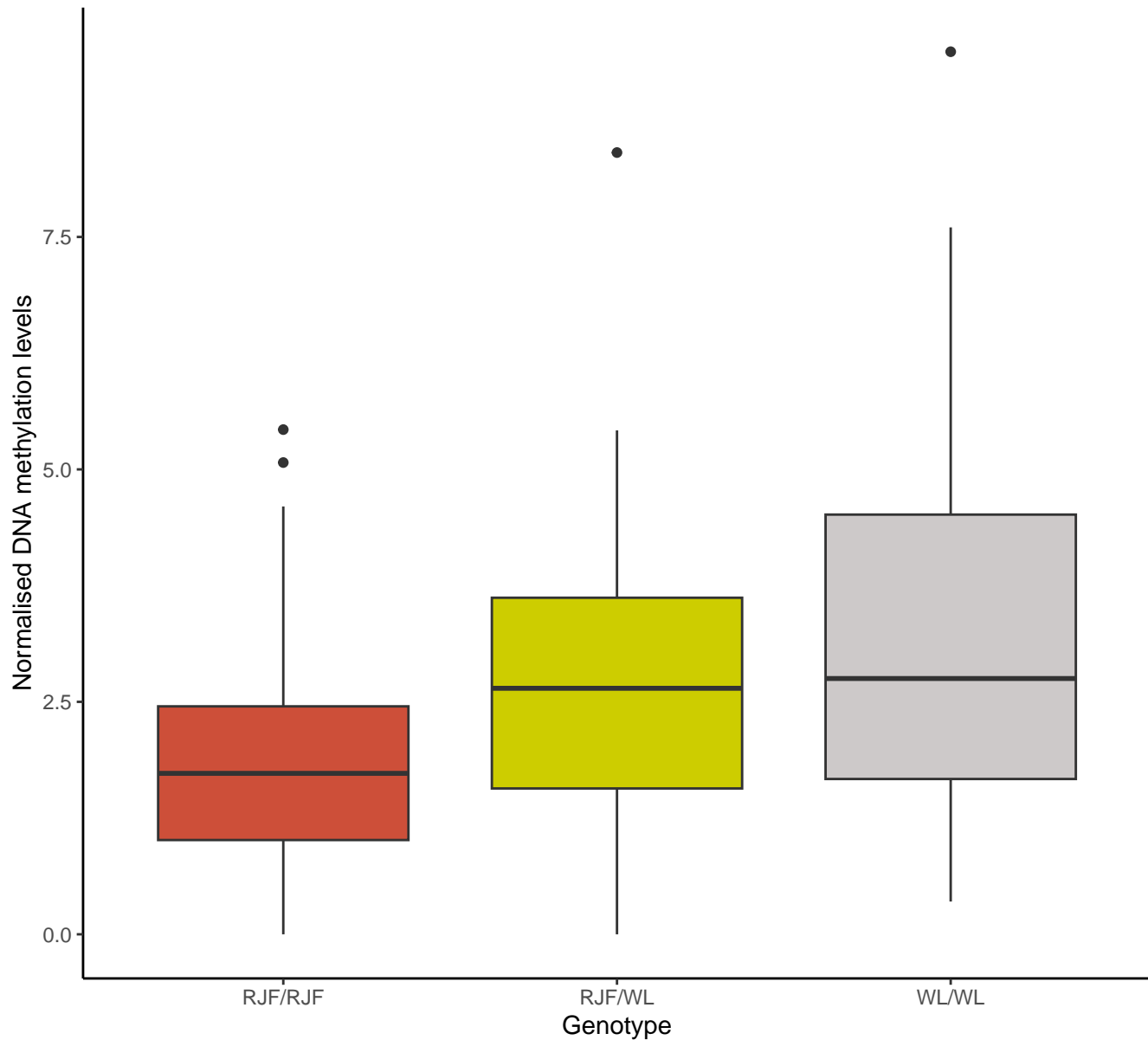
CI: chr7:0–58.22cM



trans mQTL | chr22@50.52cM | LOD: 6.95
Methbin: chrZ_69253000 | marker:Gg_rs15190690
CI: chr22:50.52–62.4cM



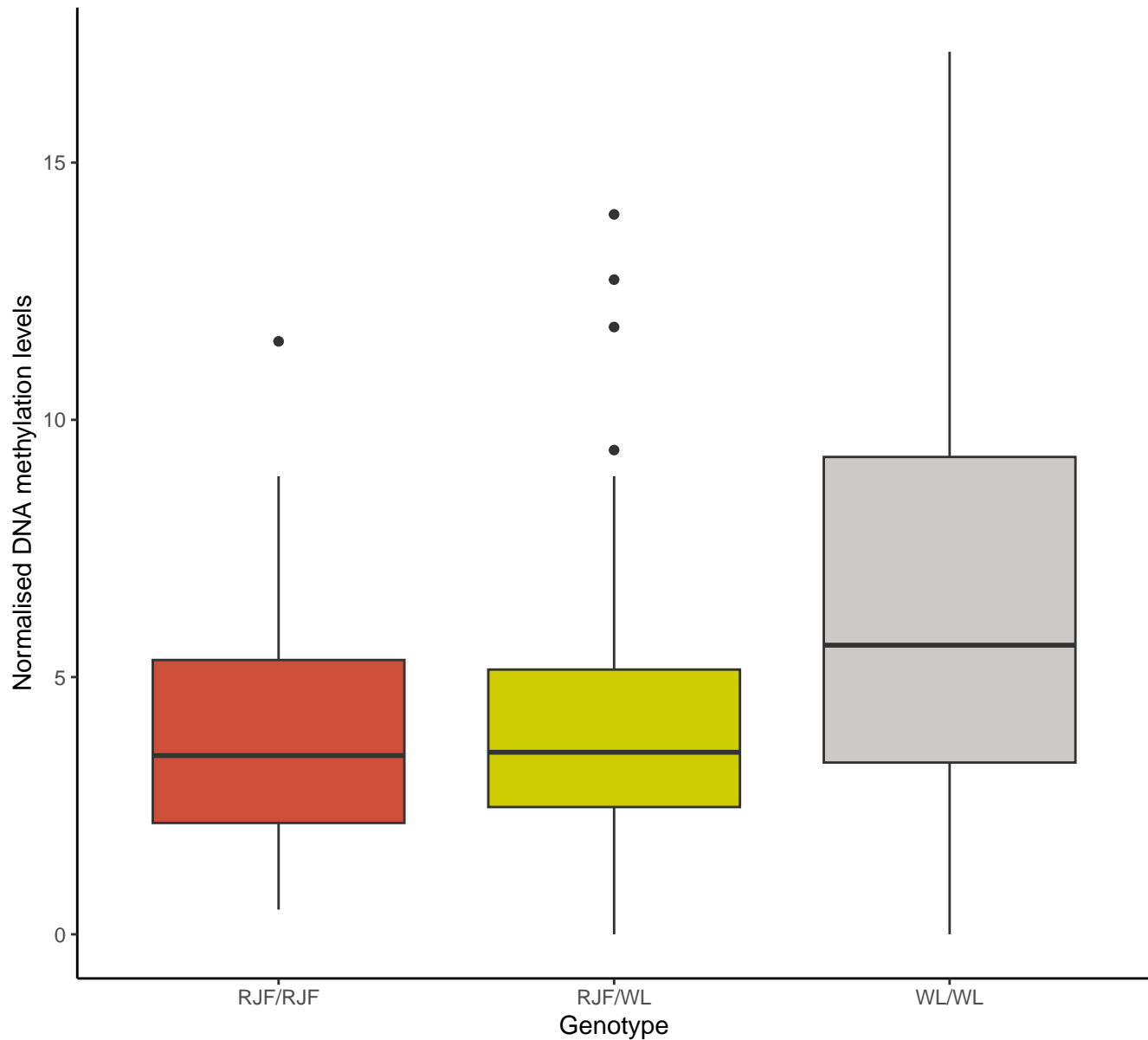
trans mQTL | chr14@265.73cM | LOD: 6.15
Methbin: chrZ_69507000 | marker:rb11871
CI: chr14:241.01–265.73cM



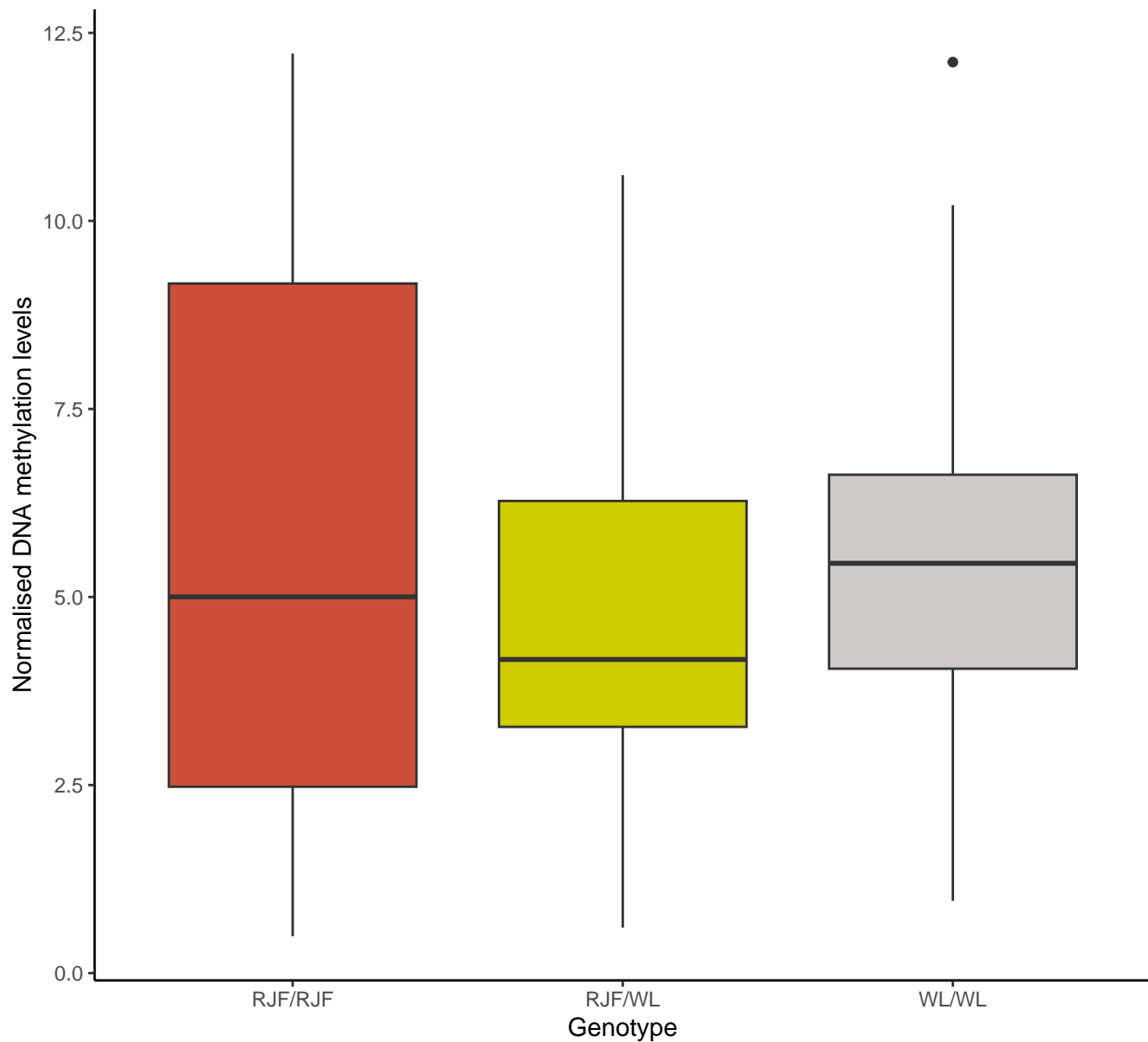
trans mQTL | chr11@0cM | LOD: 6.02

Methbin: chrZ_70094000 | marker:Gg_rs14957923

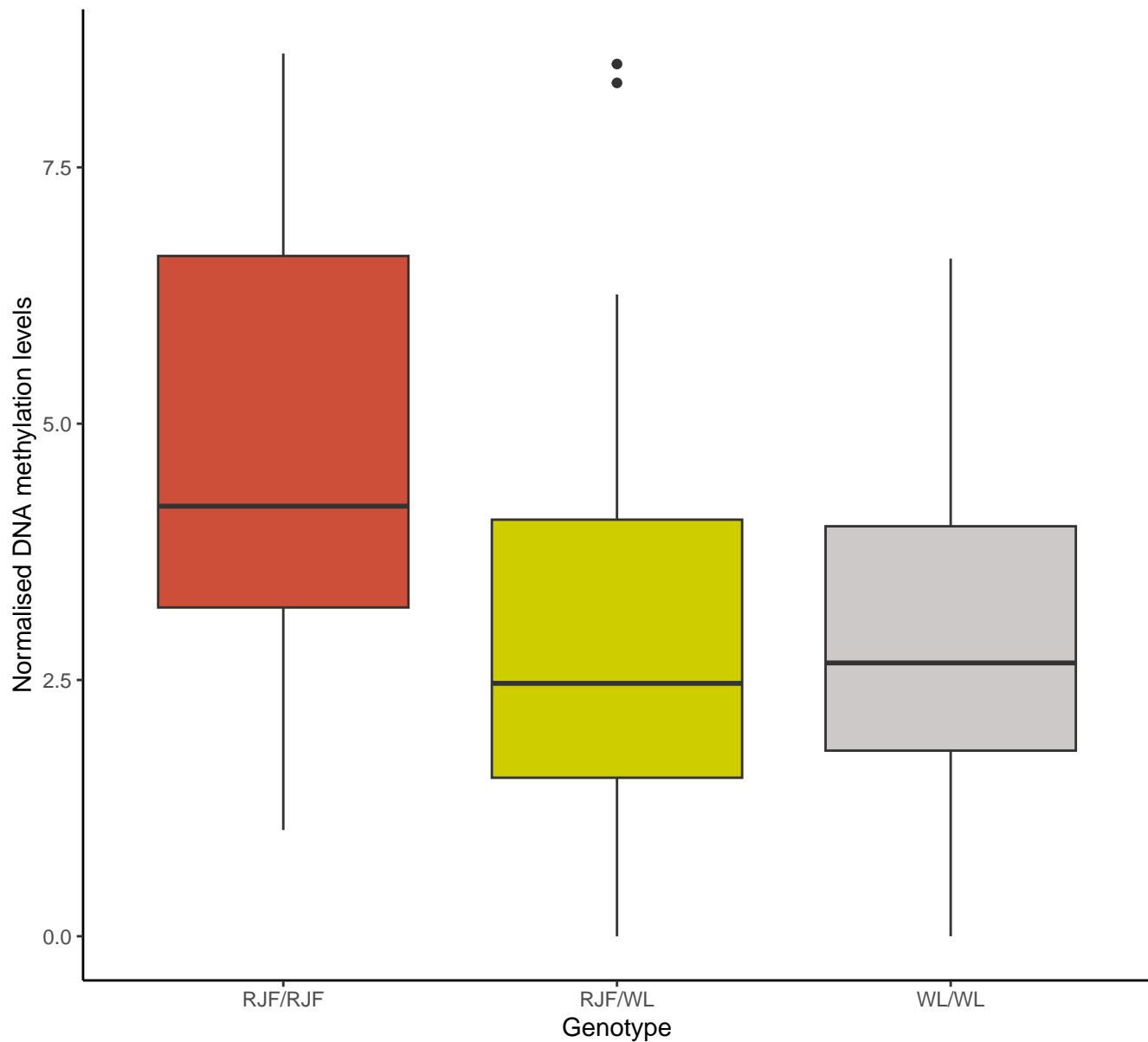
CI: chr11:0–16.53cM



trans mQTL | chr26@4.21cM | LOD: 6.28
Methbin: chrZ_70111000 | marker:Gg_rs13724644
CI: chr26:4.21–49.46cM



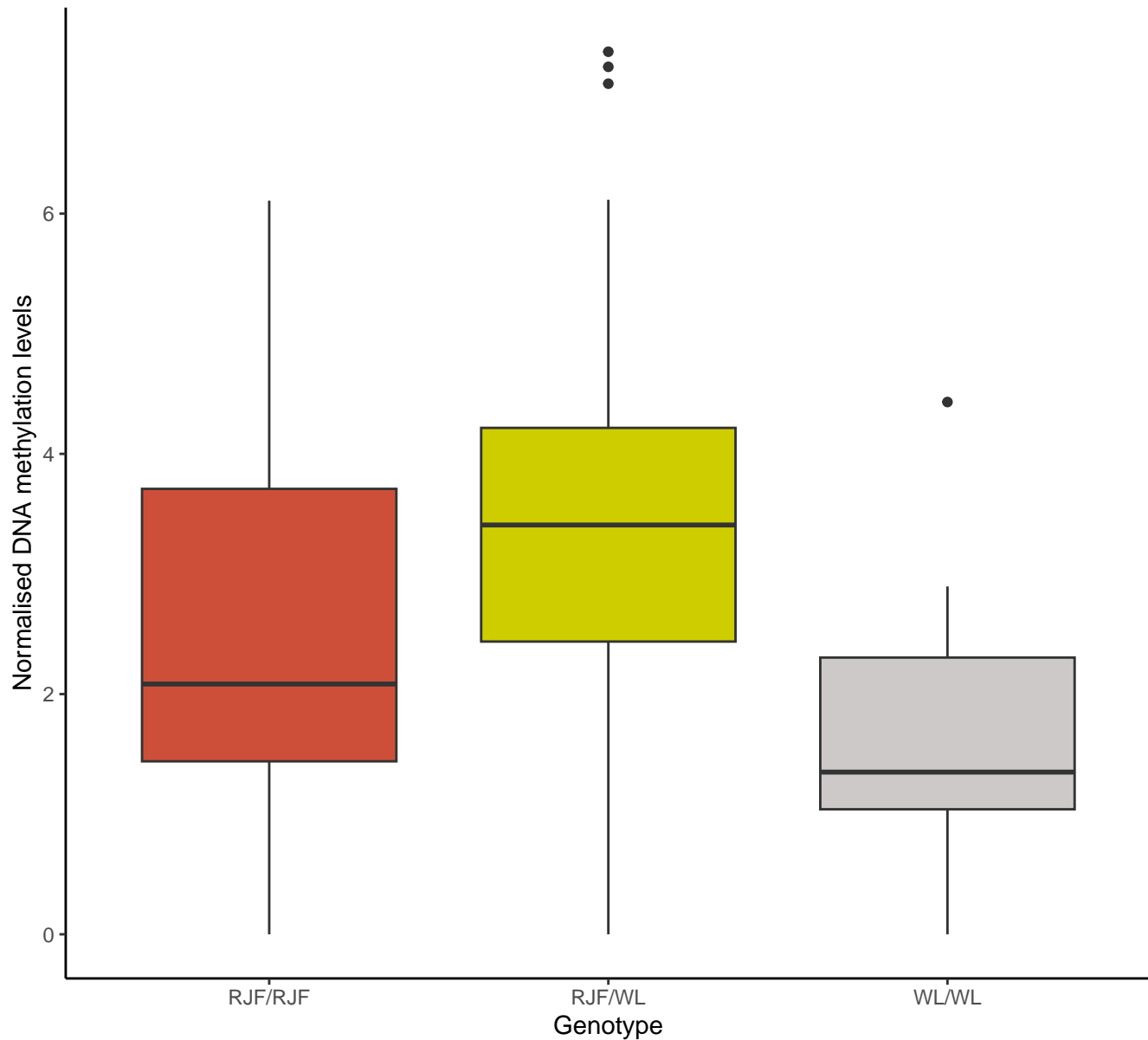
trans mQTL | chr3@578.5cM | LOD: 6.75
Methbin: chrZ_70220000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



trans mQTL | chr9@102.34cM | LOD: 6.33

Methbin: chrZ_70515000 | marker:Gg_rs14671718

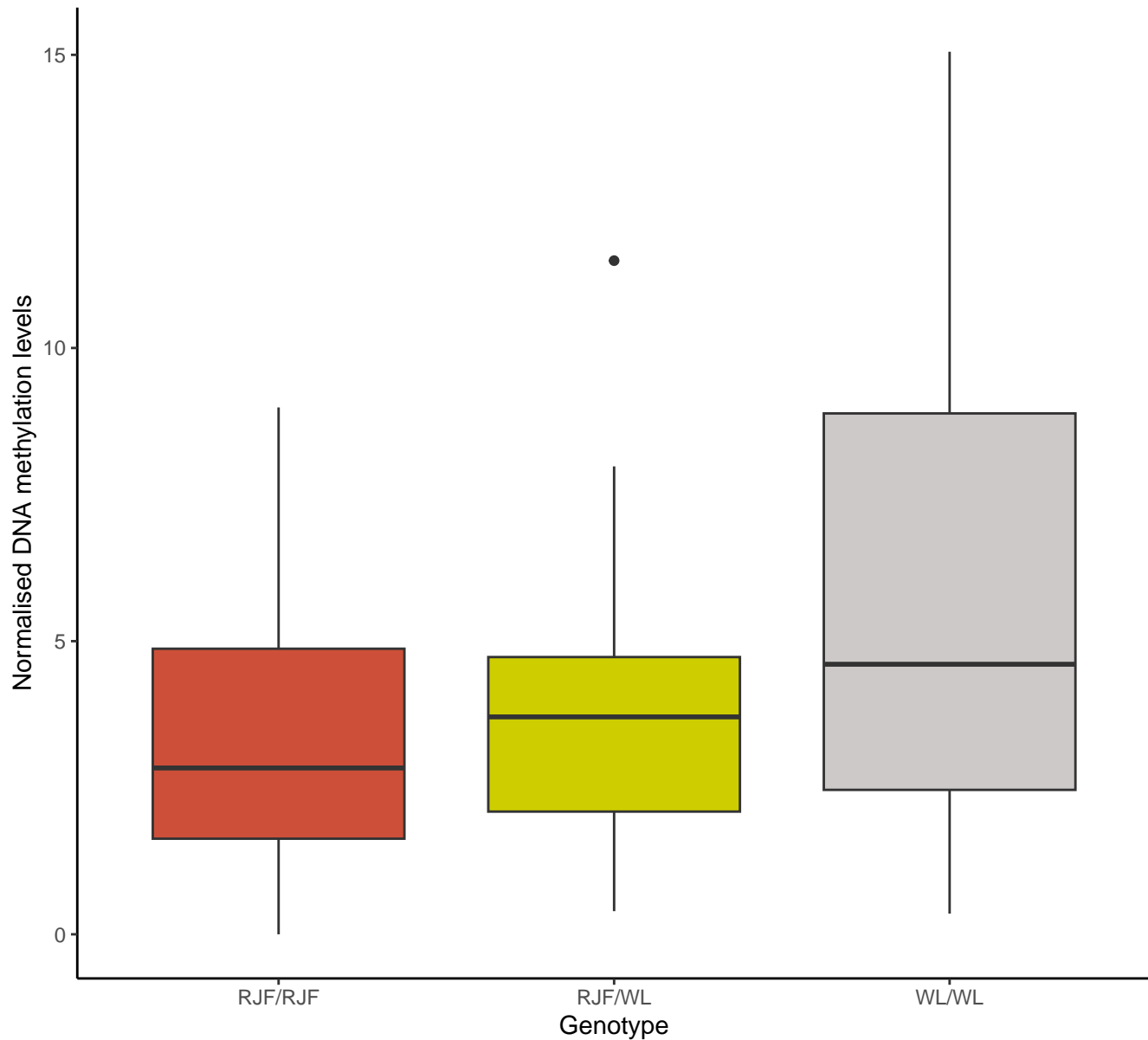
CI: chr9:96.99–117.55cM



trans mQTL | chr3@219cM | LOD: 6.72

Methbin: chrZ_70725000 | marker:Gg_rs15282380

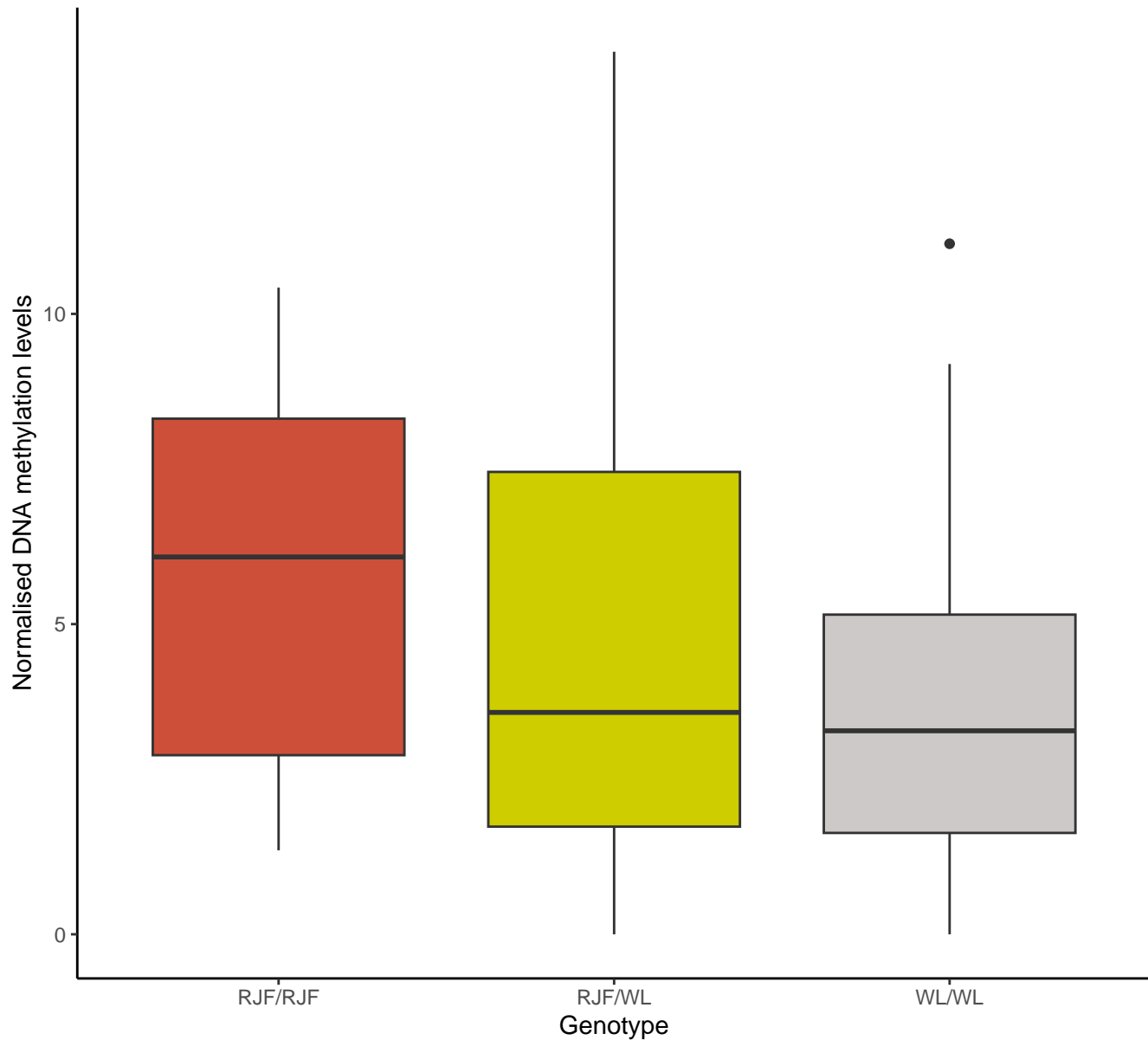
CI: chr3:181–270.84cM



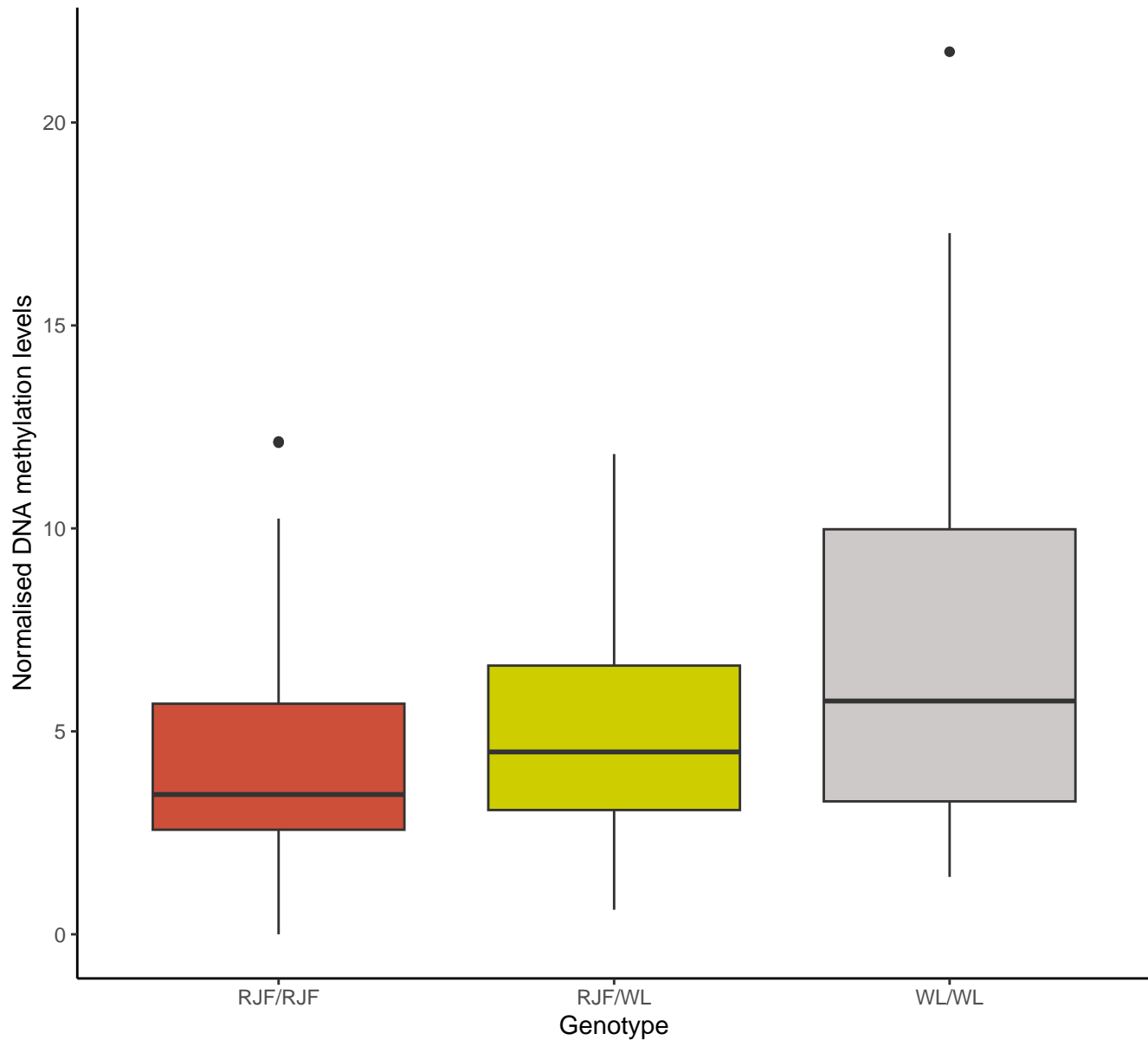
trans mQTL | chr5@318.36cM | LOD: 6.24

Methbin: chrZ_70807000 | marker:Gg_rs15718481

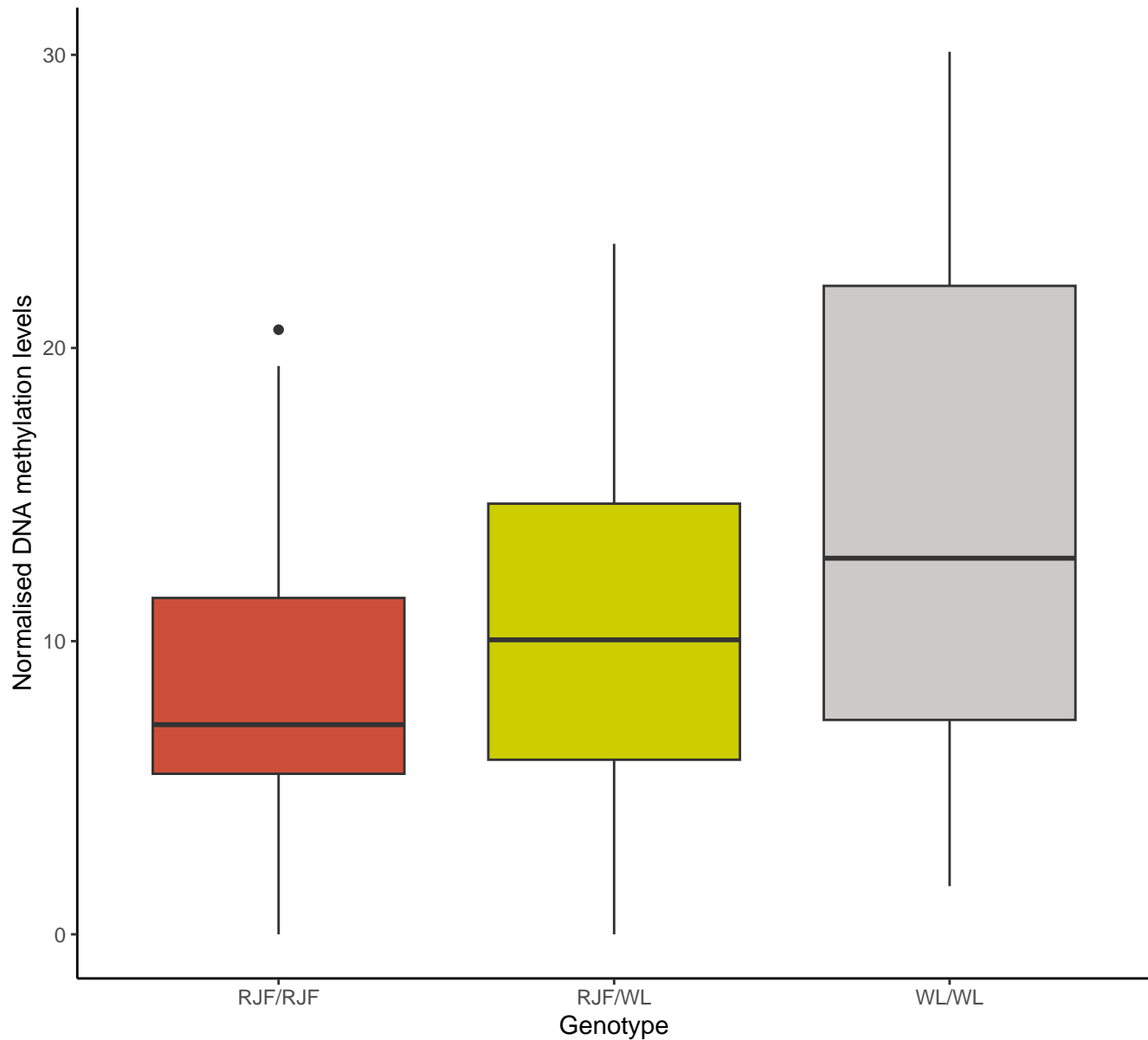
CI: chr5:235.21–357.54cM



trans mQTL | chr3@219cM | LOD: 7.29
Methbin: chrZ_70836000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



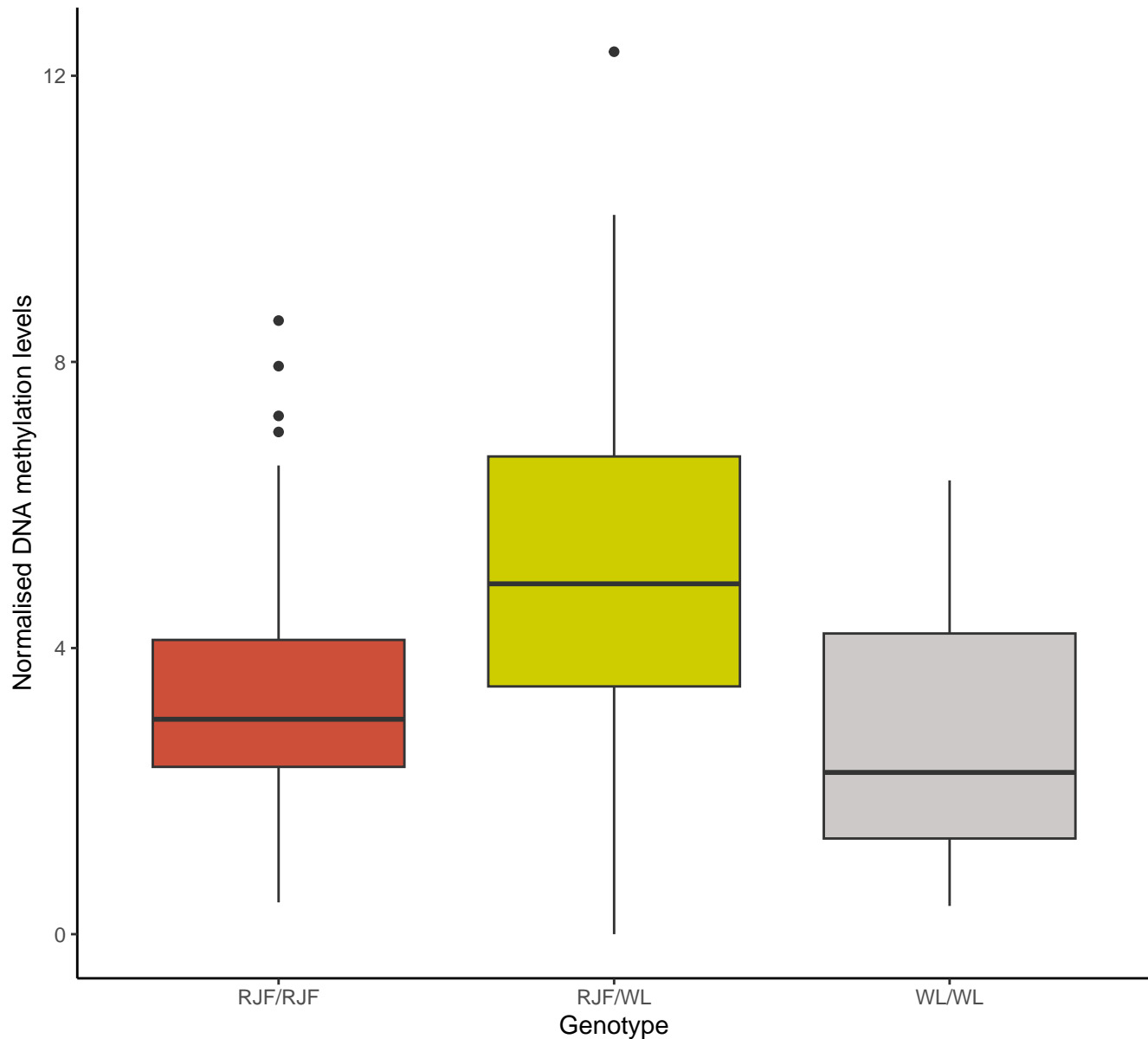
trans mQTL | chr3@219cM | LOD: 6.89
Methbin: chrZ_70869000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



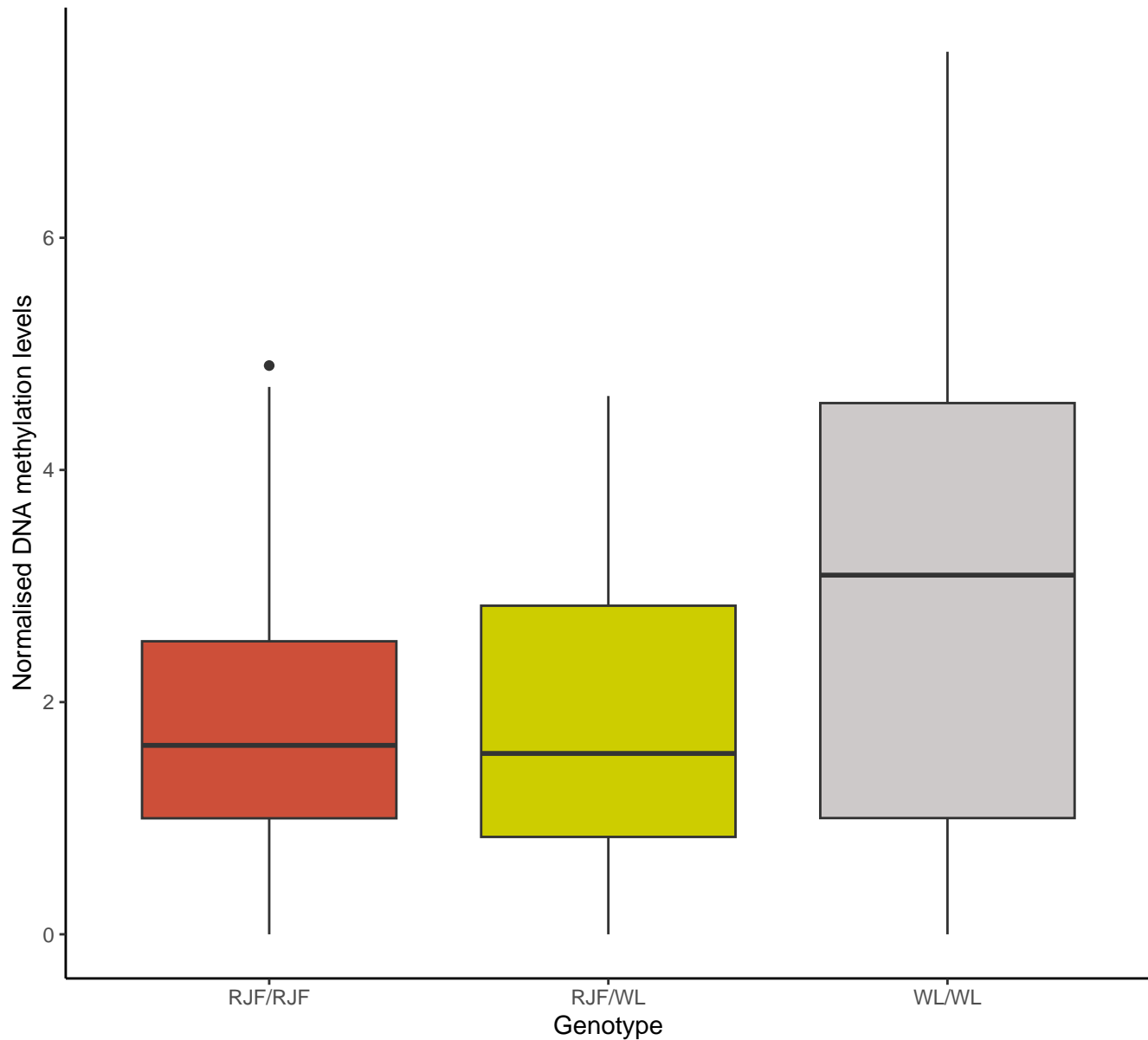
trans mQTL | chr9@105.32cM | LOD: 6.81

Methbin: chrZ_71036000 | marker:Gg_rs16667467

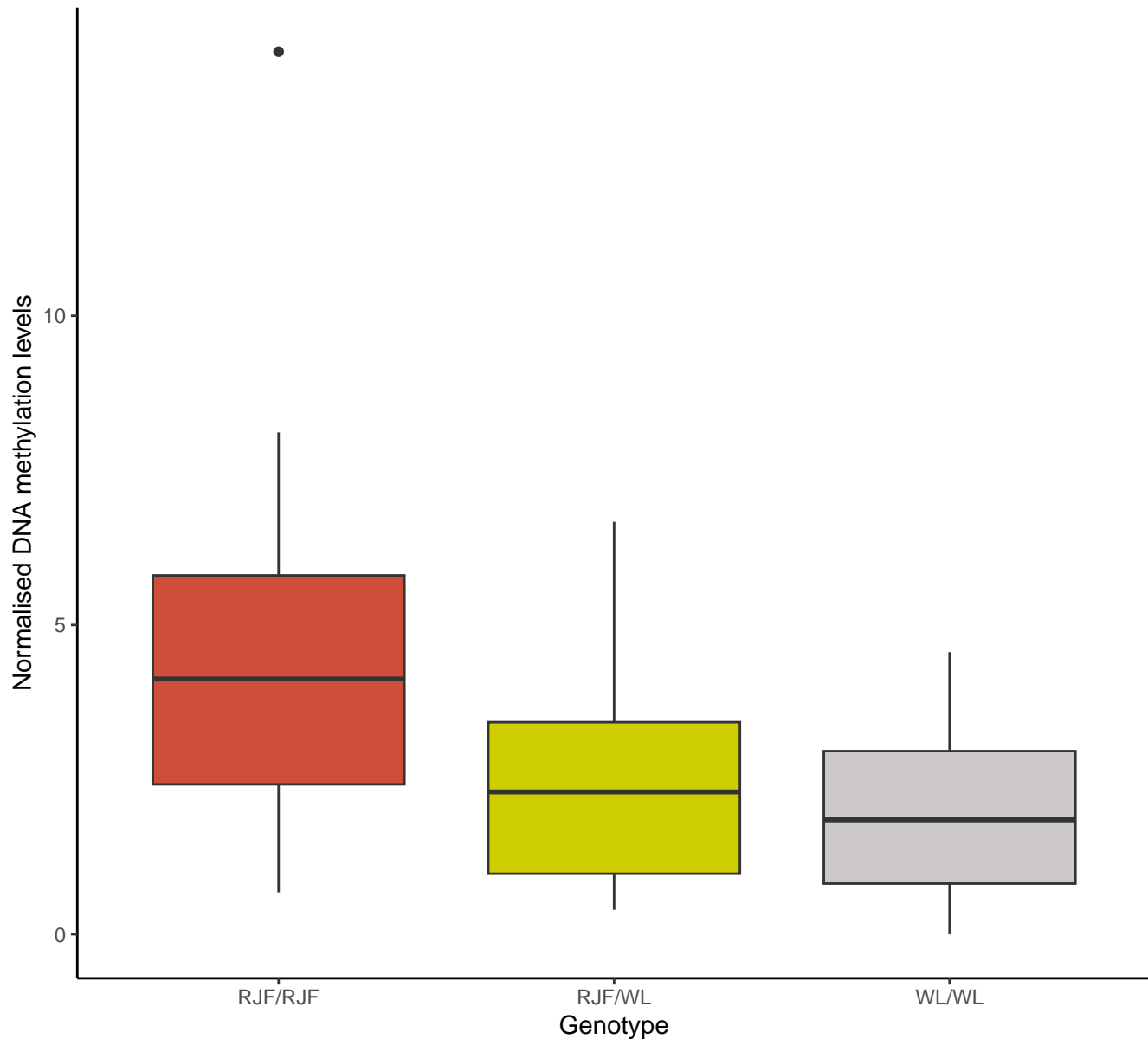
CI: chr9:96.99–117.55cM



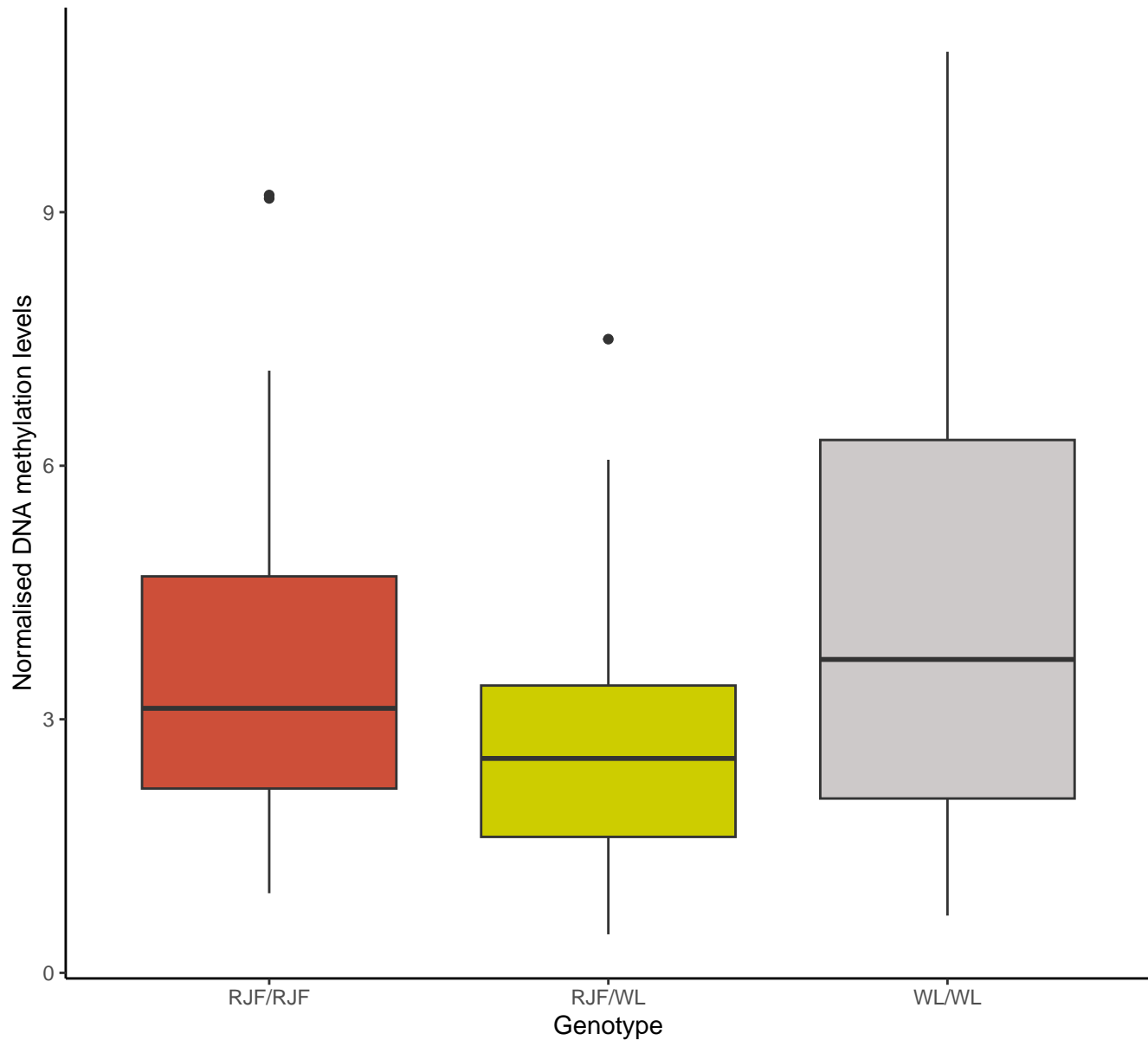
trans mQTL | chr3@418cM | LOD: 7.63
Methbin: chrZ_71059000 | marker:Gg_rs14355077
CI: chr3:410.78–431.09cM



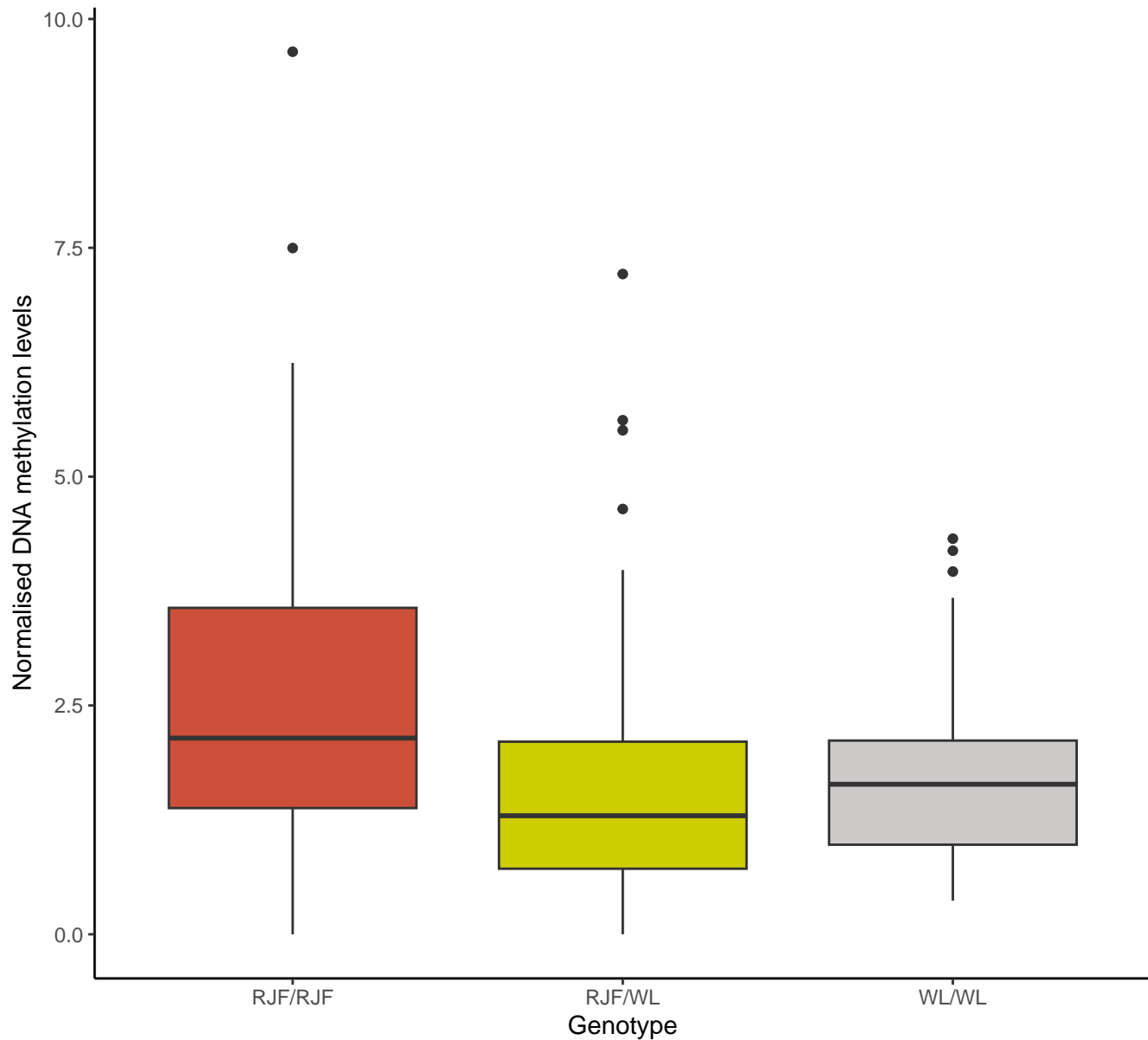
trans mQTL | chr21 @75.8cM | LOD: 7.55
Methbin: chrZ_71181000 | marker:Gg_rs15184205
CI: chr21:60.3–120.1cM



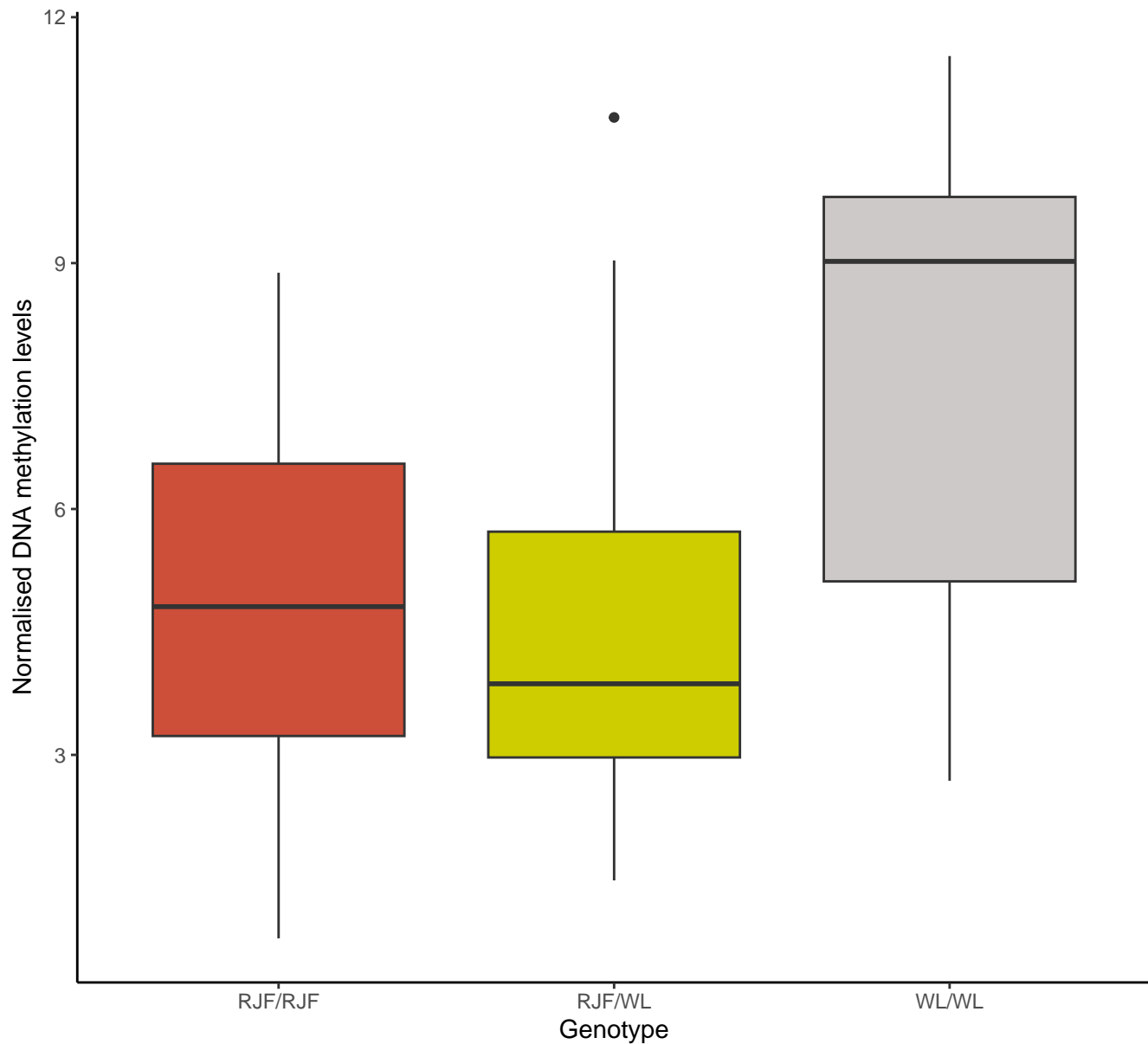
trans mQTL | chr24@0cM | LOD: 6.58
Methbin: chrZ_71440000 | marker:Gg_rs14292805
CI: chr24:0–14.08cM



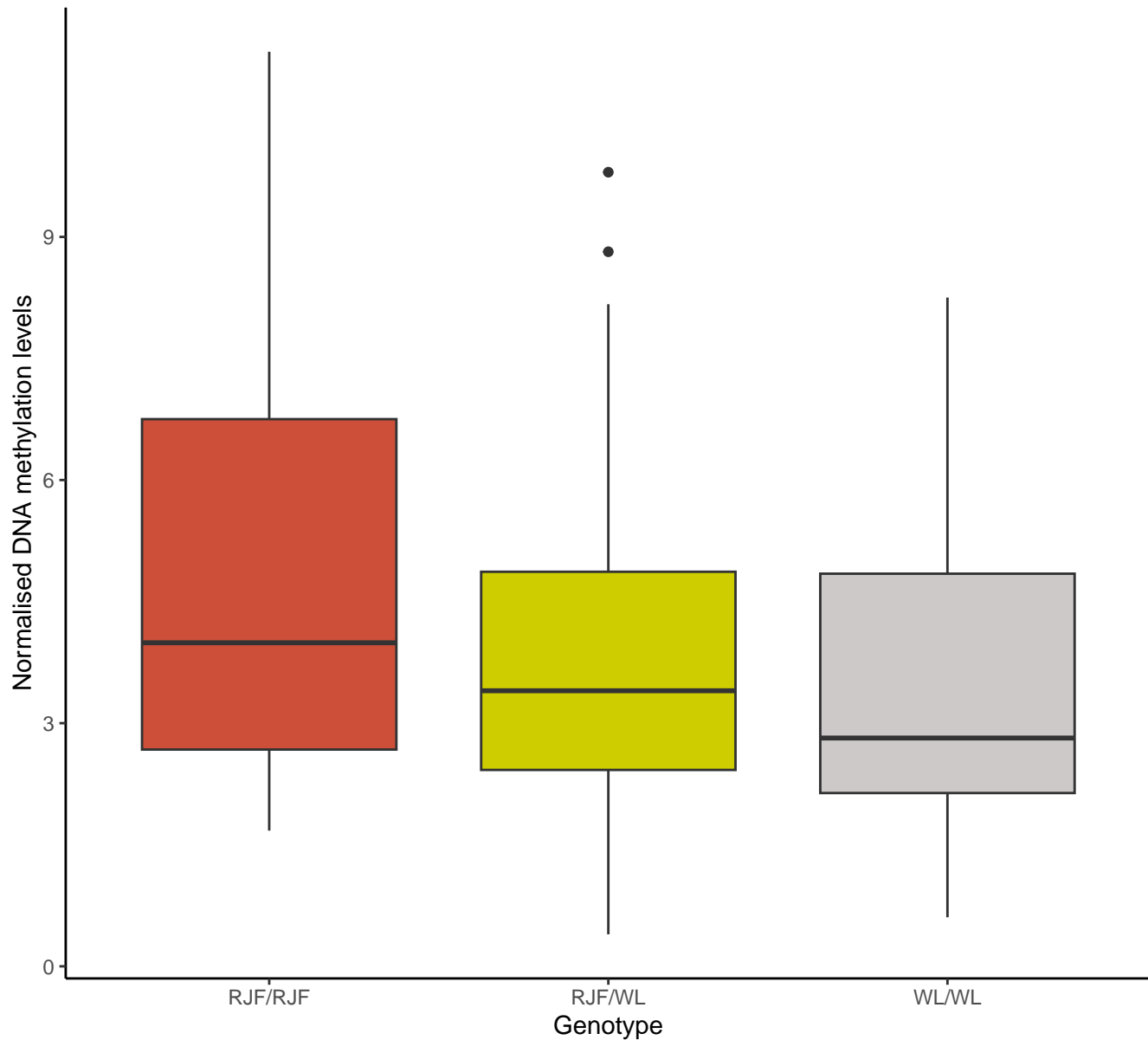
trans mQTL | chr1@1410.84cM | LOD: 5.94
Methbin: chrZ_71464000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



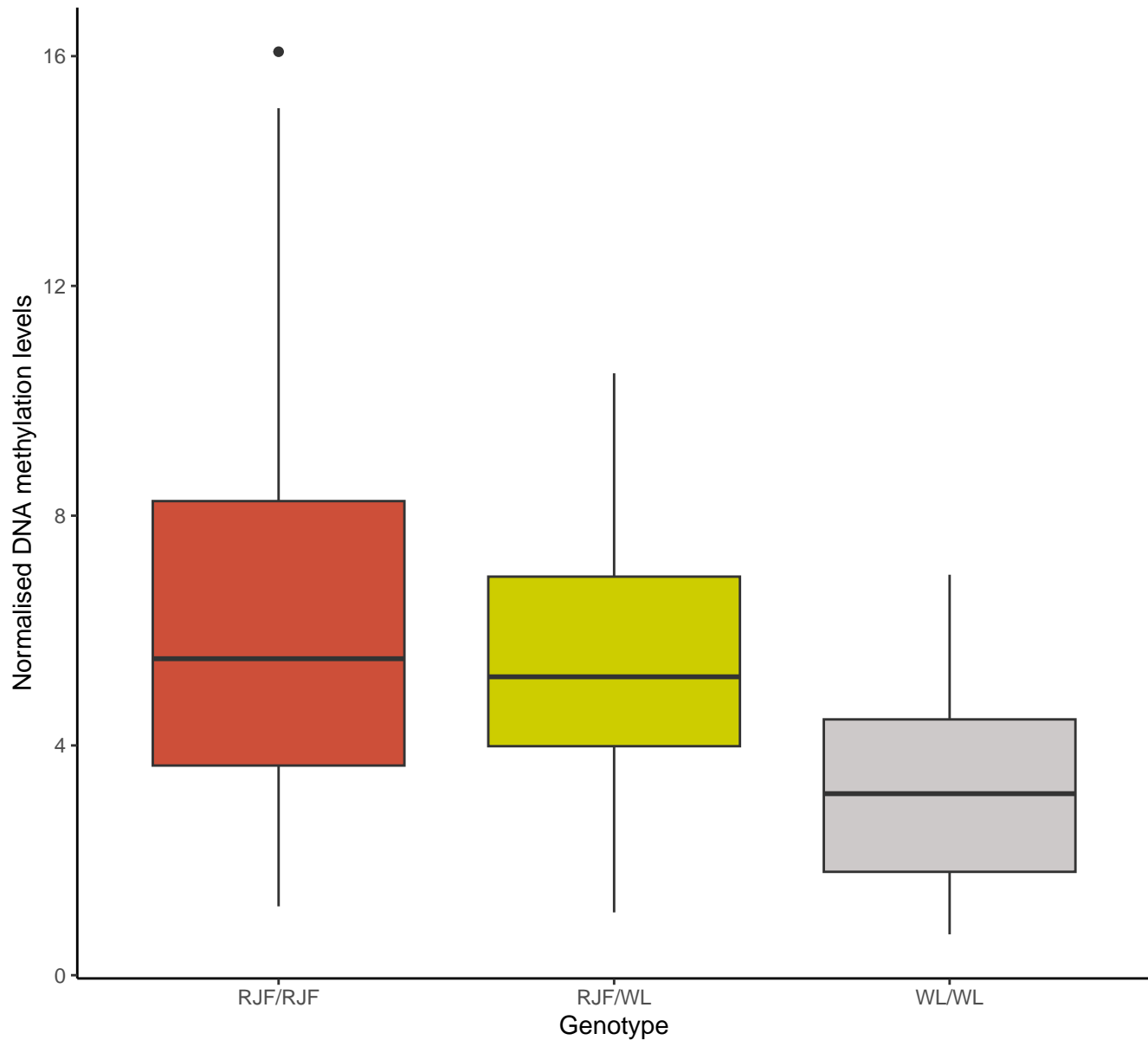
trans mQTL | chr2@560cM | LOD: 6.6
Methbin: chrZ_71502000 | marker:GG_rs15099683
CI: chr2:548.53–574.18cM



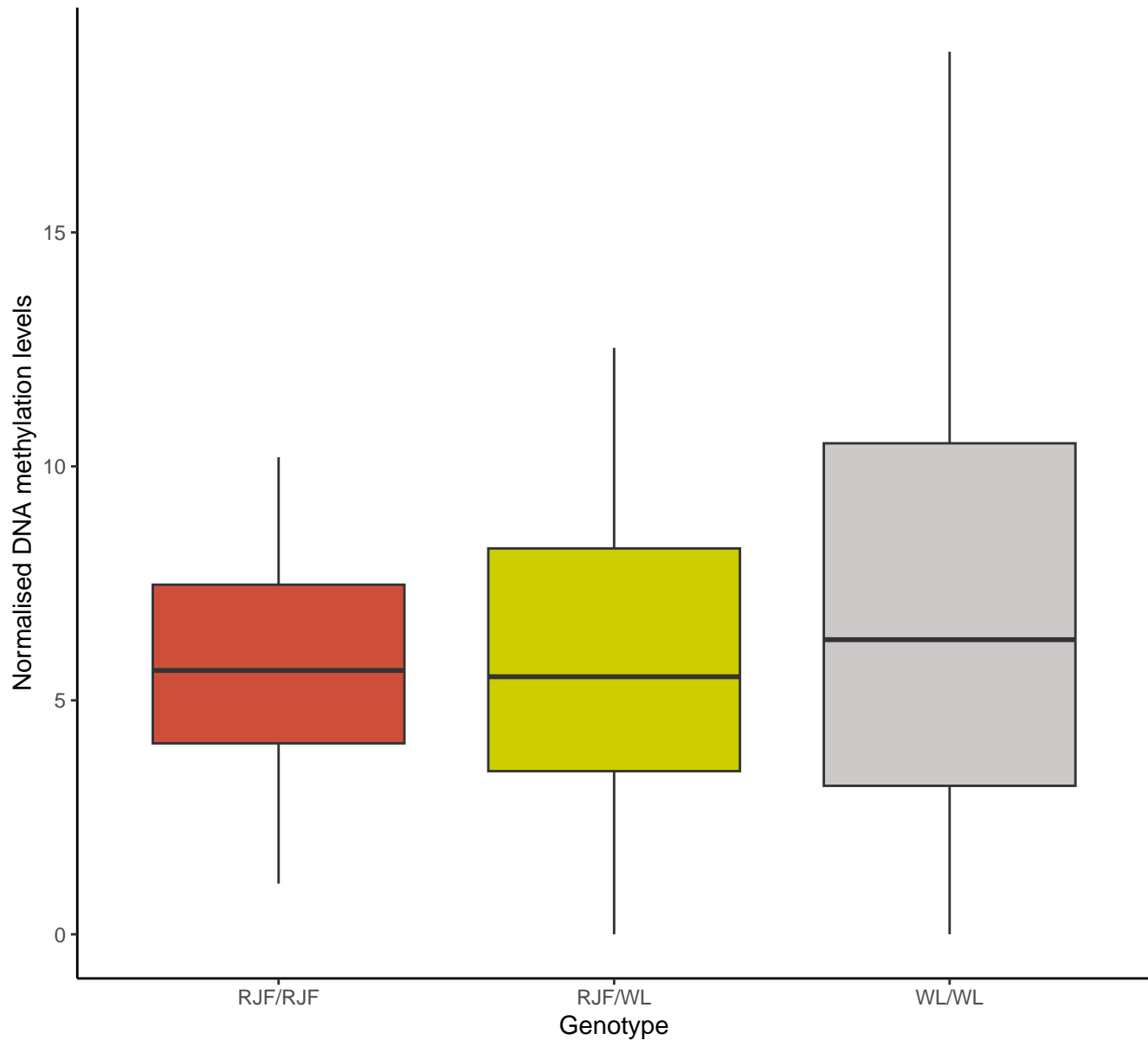
trans mQTL | chr1 @1408.38cM | LOD: 6.15
Methbin: chrZ_71556000 | marker:Gg_rs13901810
CI: chr1:1393.29–1417.54cM



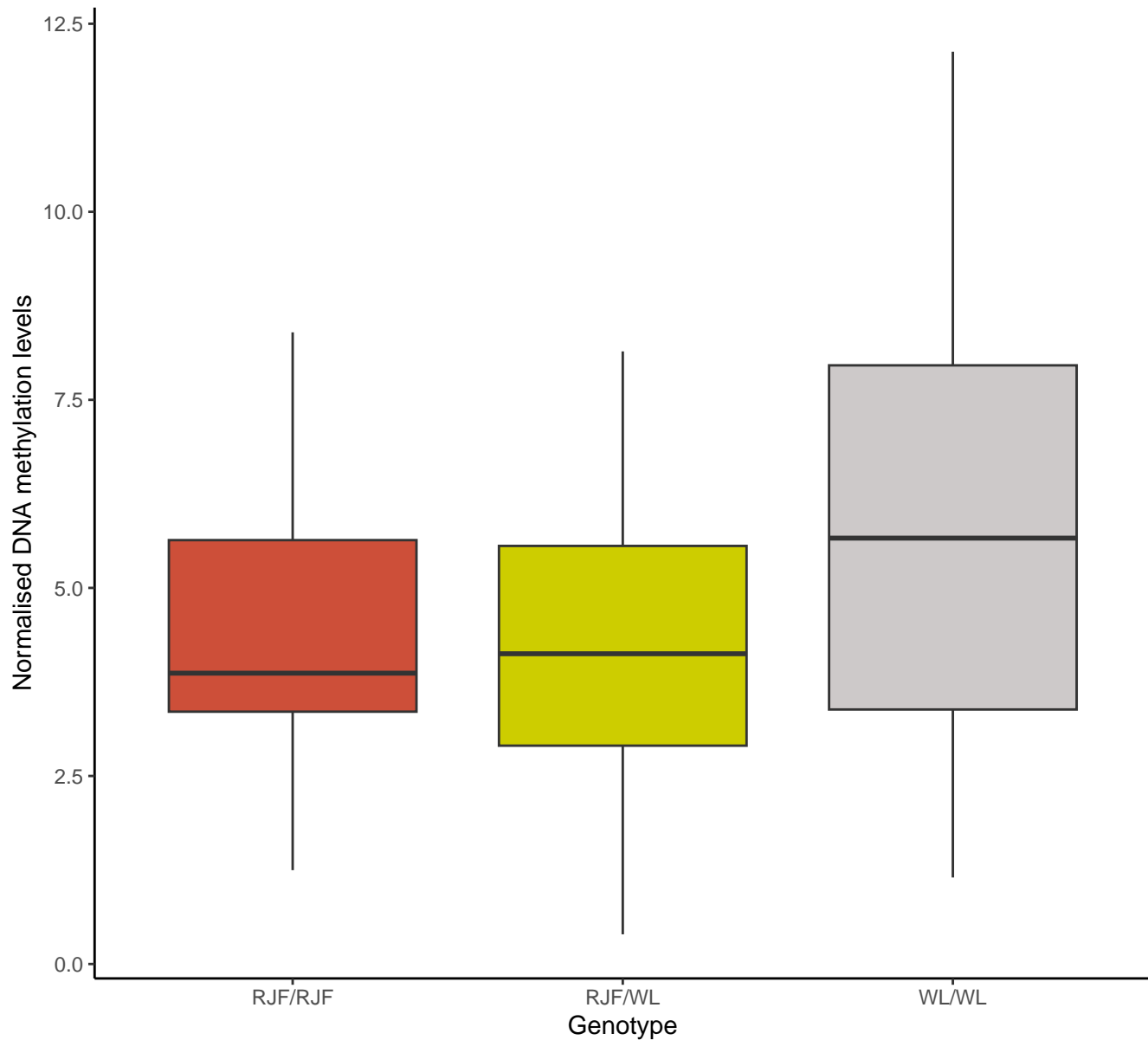
trans mQTL | chr8@103cM | LOD: 6.89
Methbin: chrZ_71908000 | marker:Gg_rs14647568
CI: chr8:91.83–138.8cM



trans mQTL | chr28@54.89cM | LOD: 6.55
Methbin: chrZ_71920000 | marker:Gg_rs14306112
CI: chr28:26.97–107.33cM



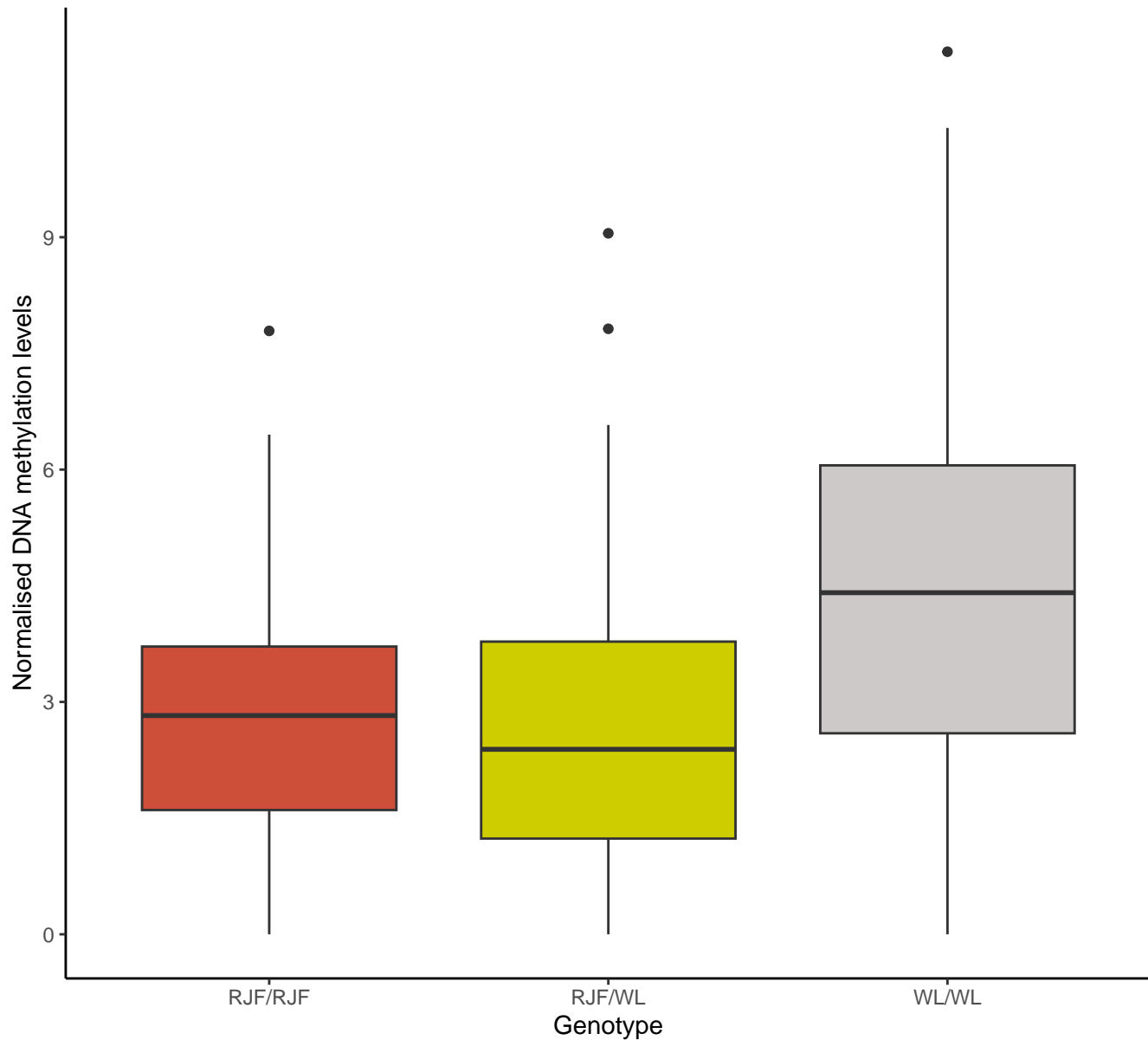
trans mQTL | chr2@92cM | LOD: 6.27
Methbin: chrZ_72058000 | marker:Gg_rs14133982
CI: chr2:41.4–98.38cM



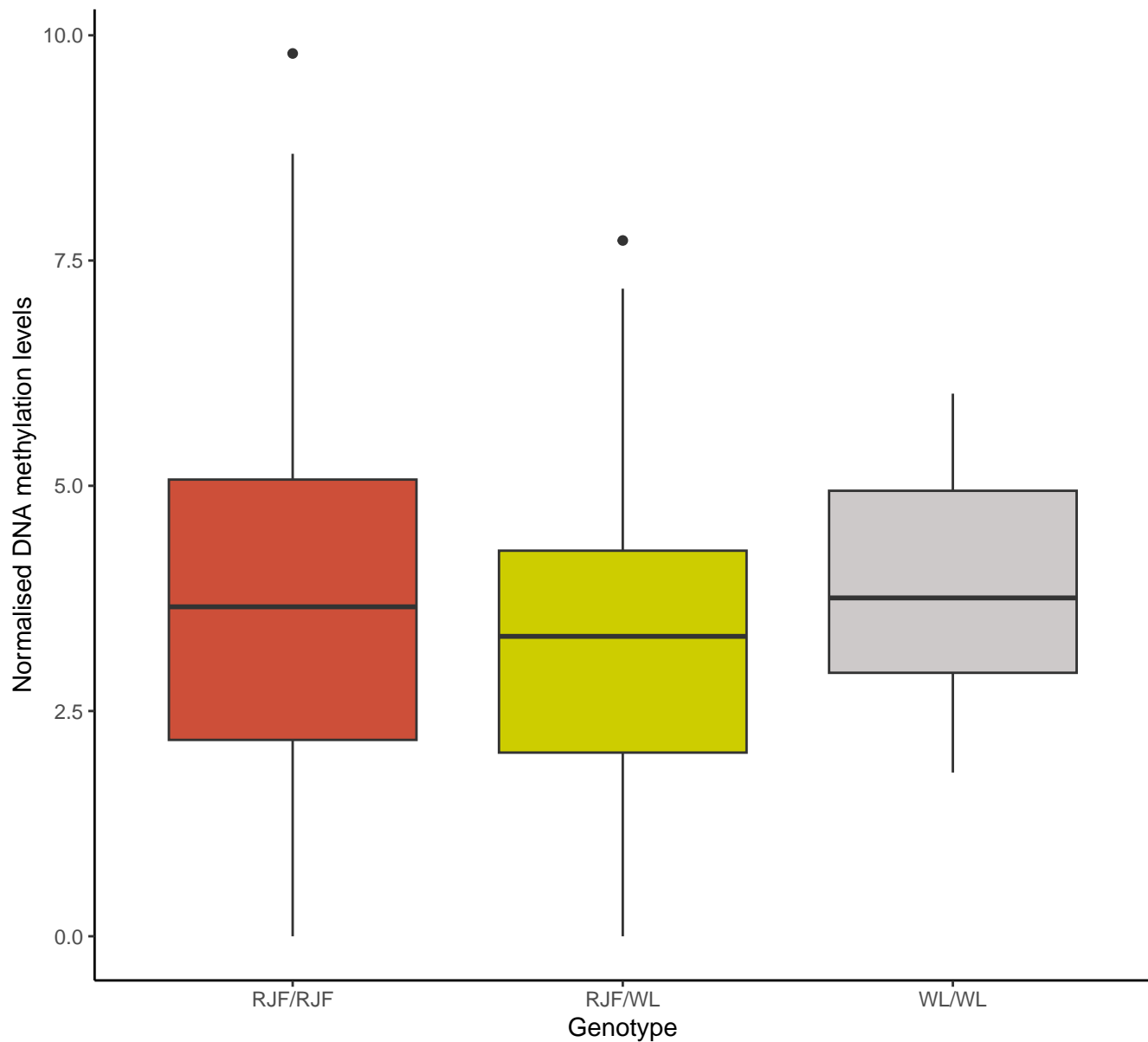
trans mQTL | chr6@105.16cM | LOD: 6.21

Methbin: chrZ_72099000 | marker:Gg_rs14568888

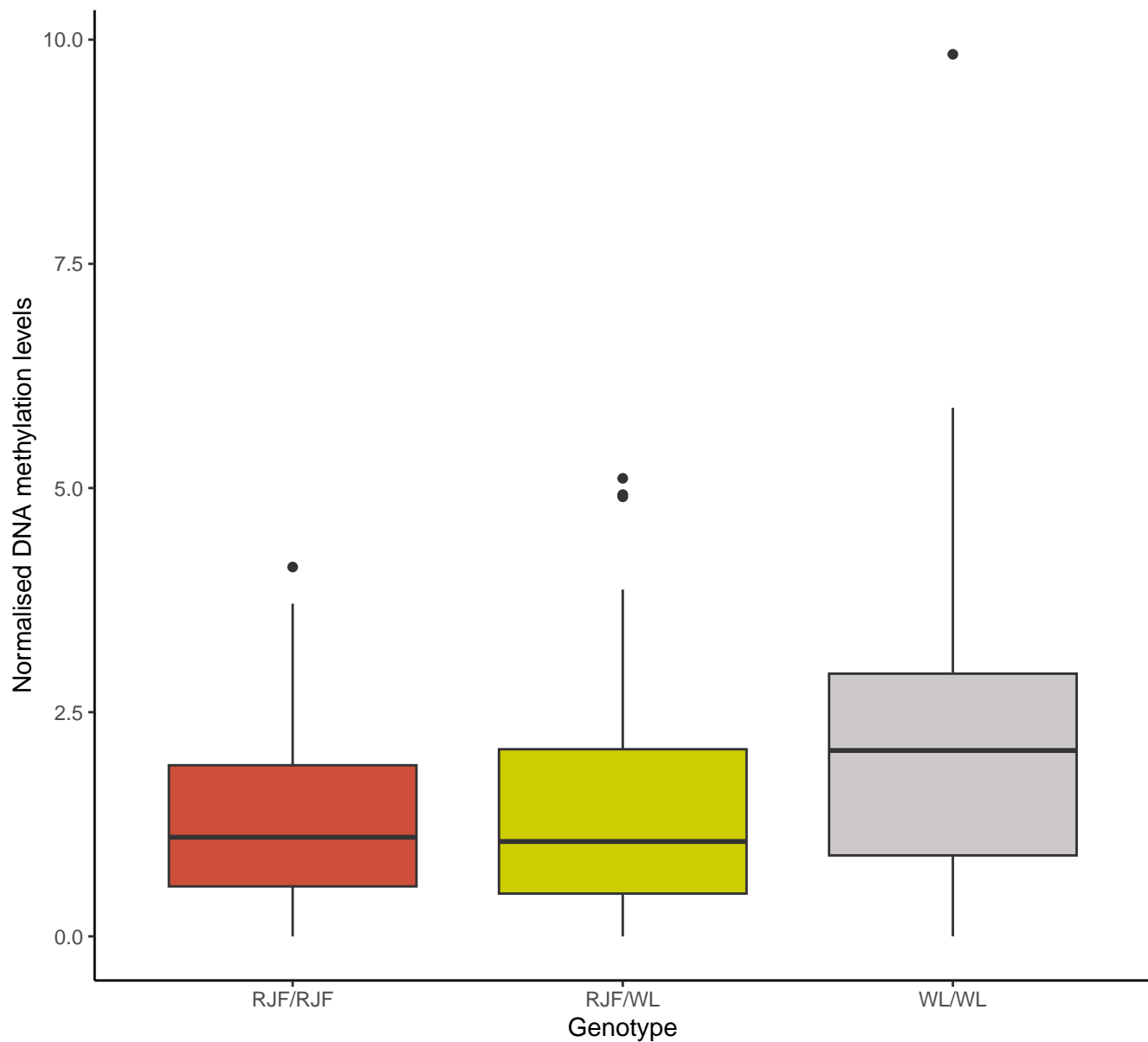
CI: chr6:86.33–126.7cM



trans mQTL | chr8@138.8cM | LOD: 6.42
Methbin: chrZ_72211000 | marker:X8_21627386
CI: chr8:104.94–172cM



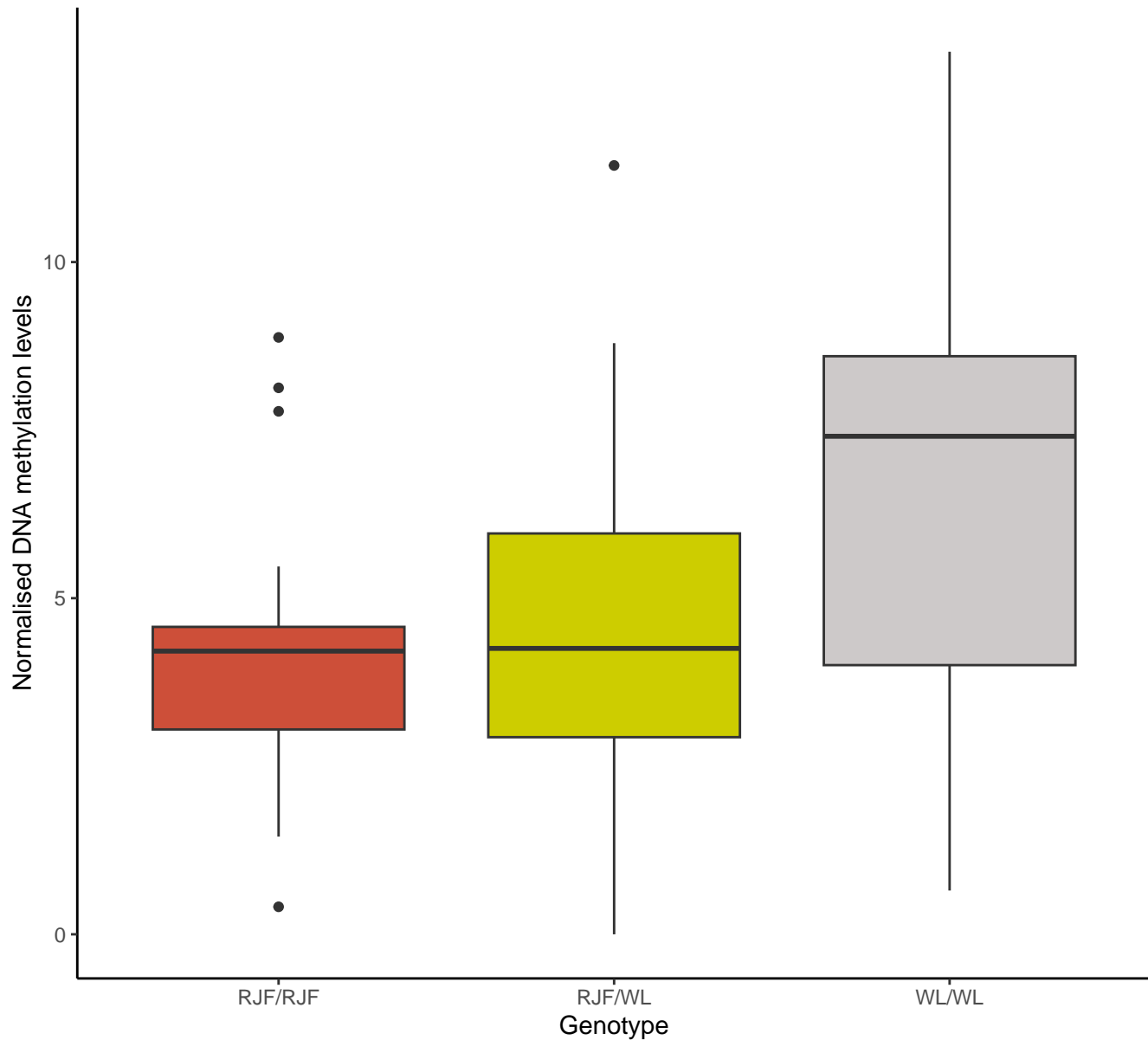
trans mQTL | chr14@265.73cM | LOD: 6.29
Methbin: chrZ_72344000 | marker:rbl1871
CI: chr14:194.23–265.73cM



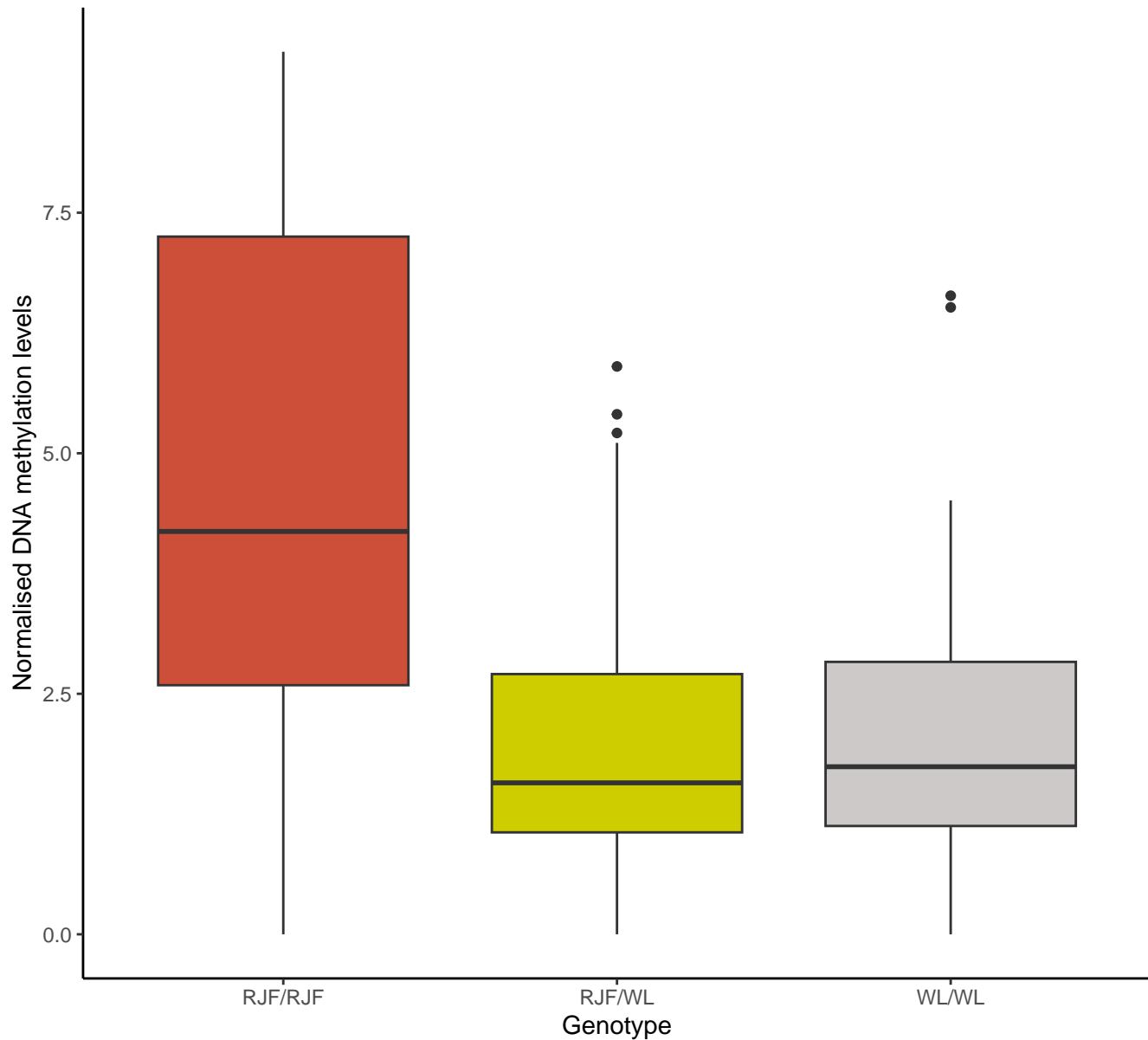
trans mQTL | chr17@118.81cM | LOD: 7.1

Methbin: chrZ_72367000 | marker:Gg_rs15030463

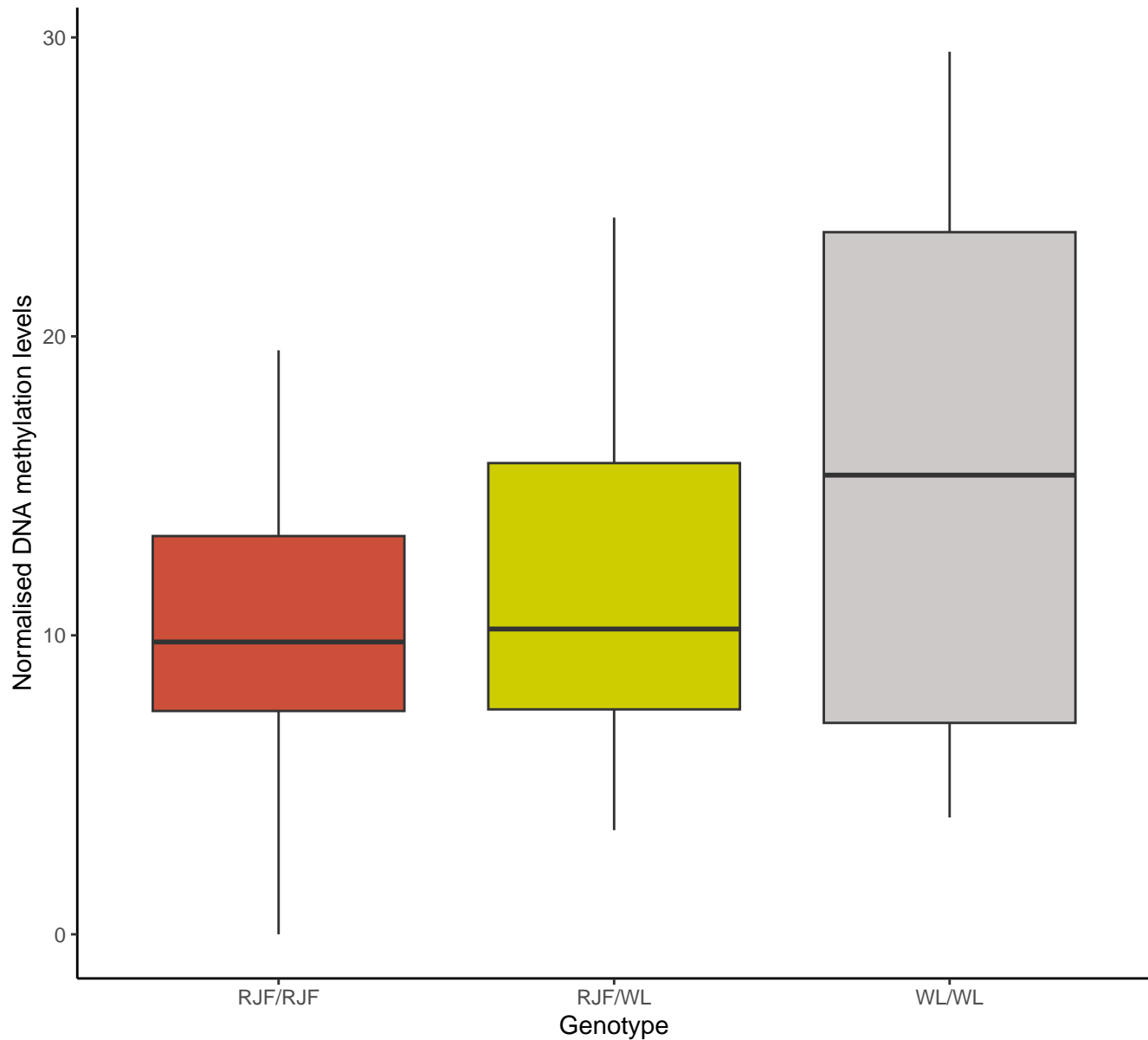
CI: chr17:91.87–126.01cM



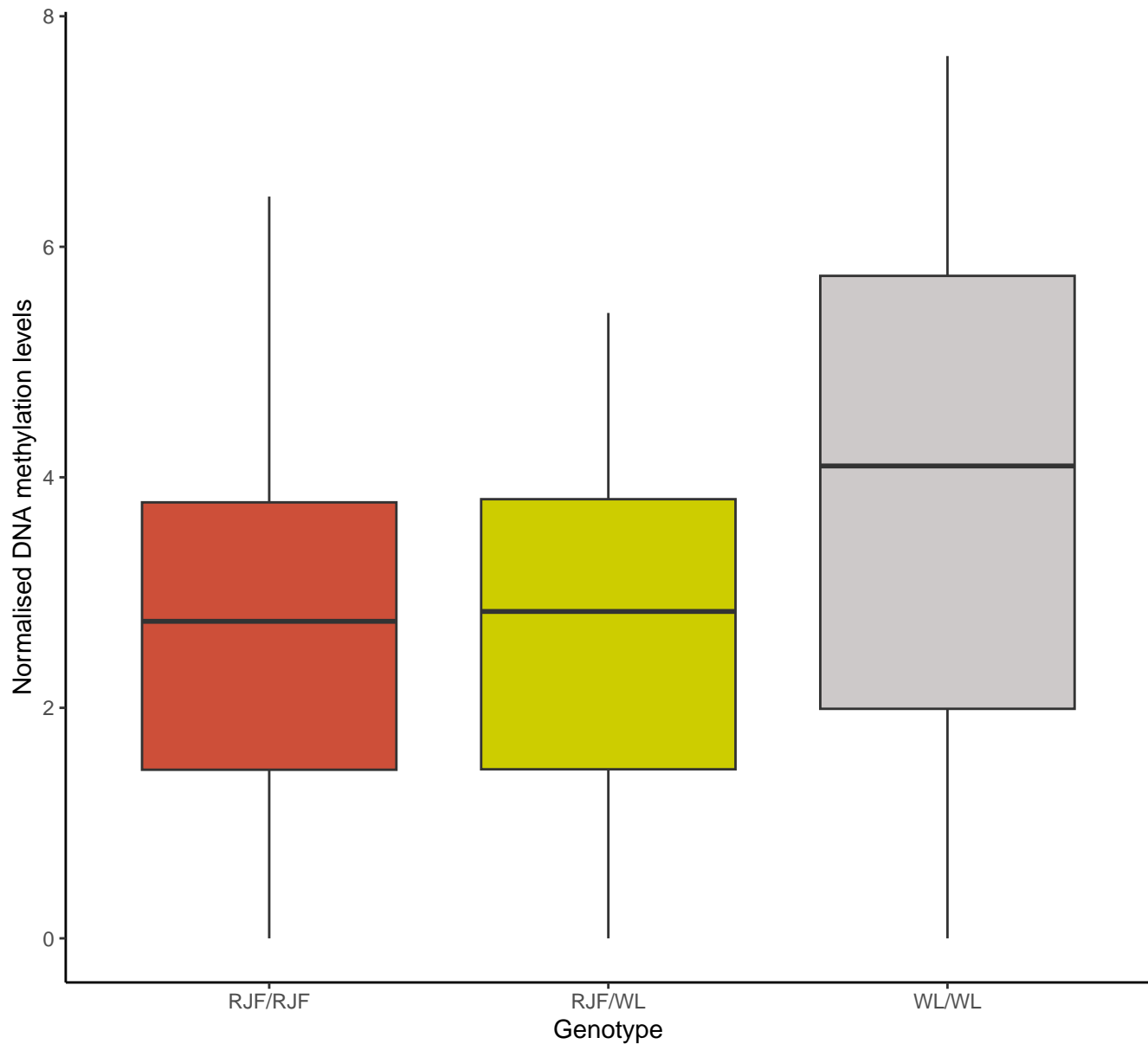
trans mQTL | chr12@57.81cM | LOD: 6.45
Methbin: chrZ_72370000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



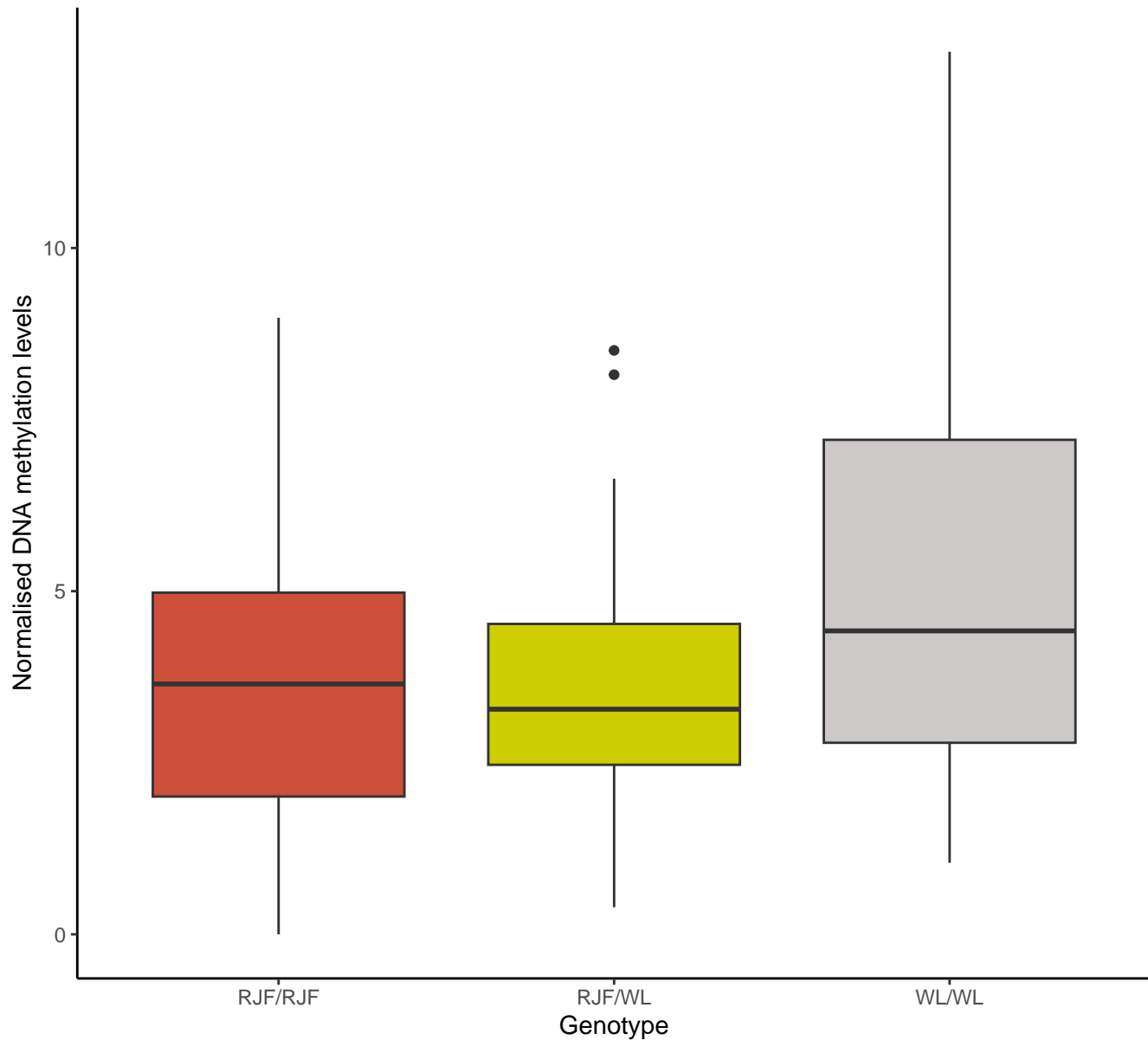
trans mQTL | chr3@219cM | LOD: 8.13
Methbin: chrZ_72878000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



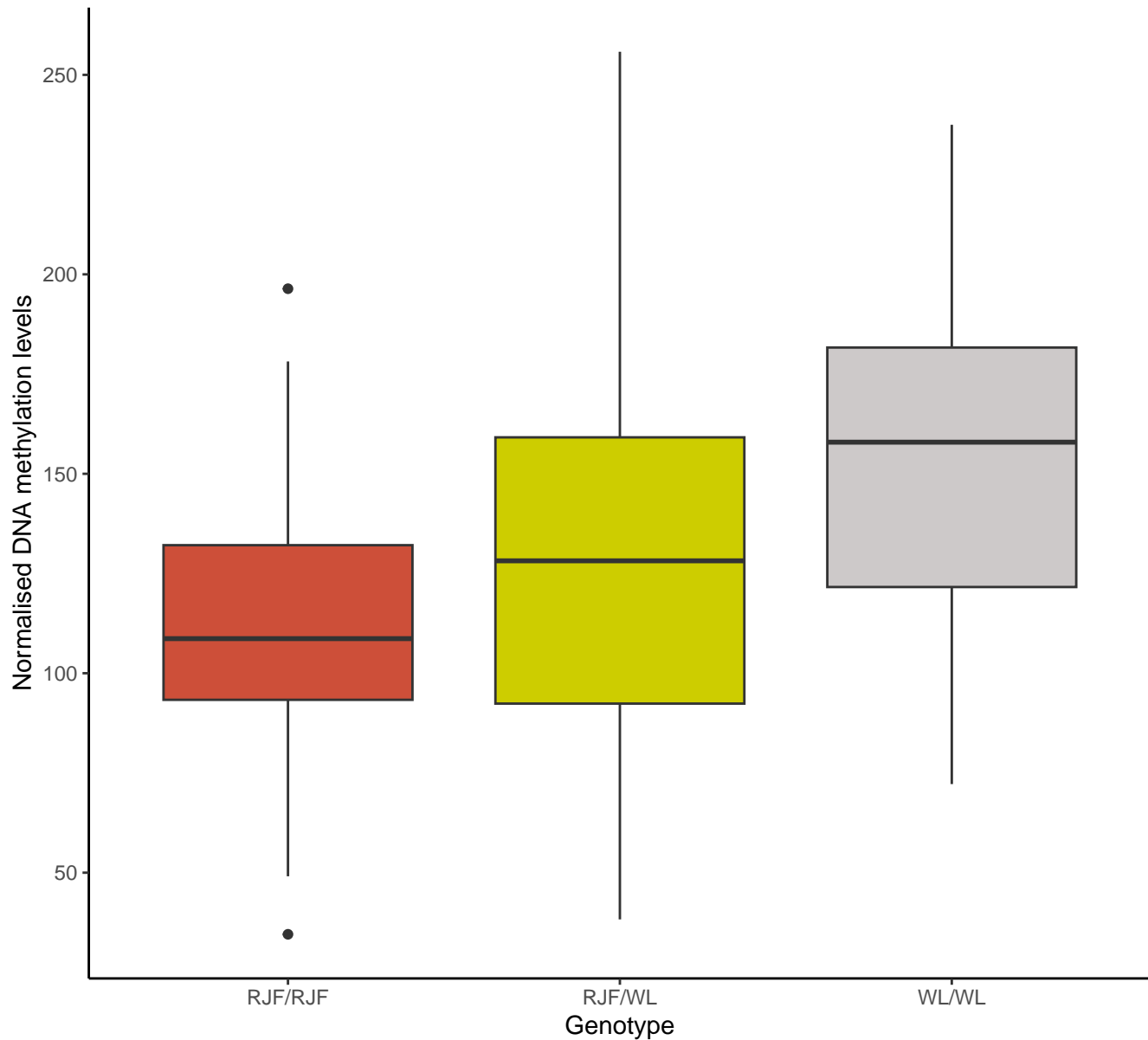
trans mQTL | chr1 @2334.16cM | LOD: 6.08
Methbin: chrZ_72965000 | marker:rb11360
CI: chr1:2210.81–2351.76cM



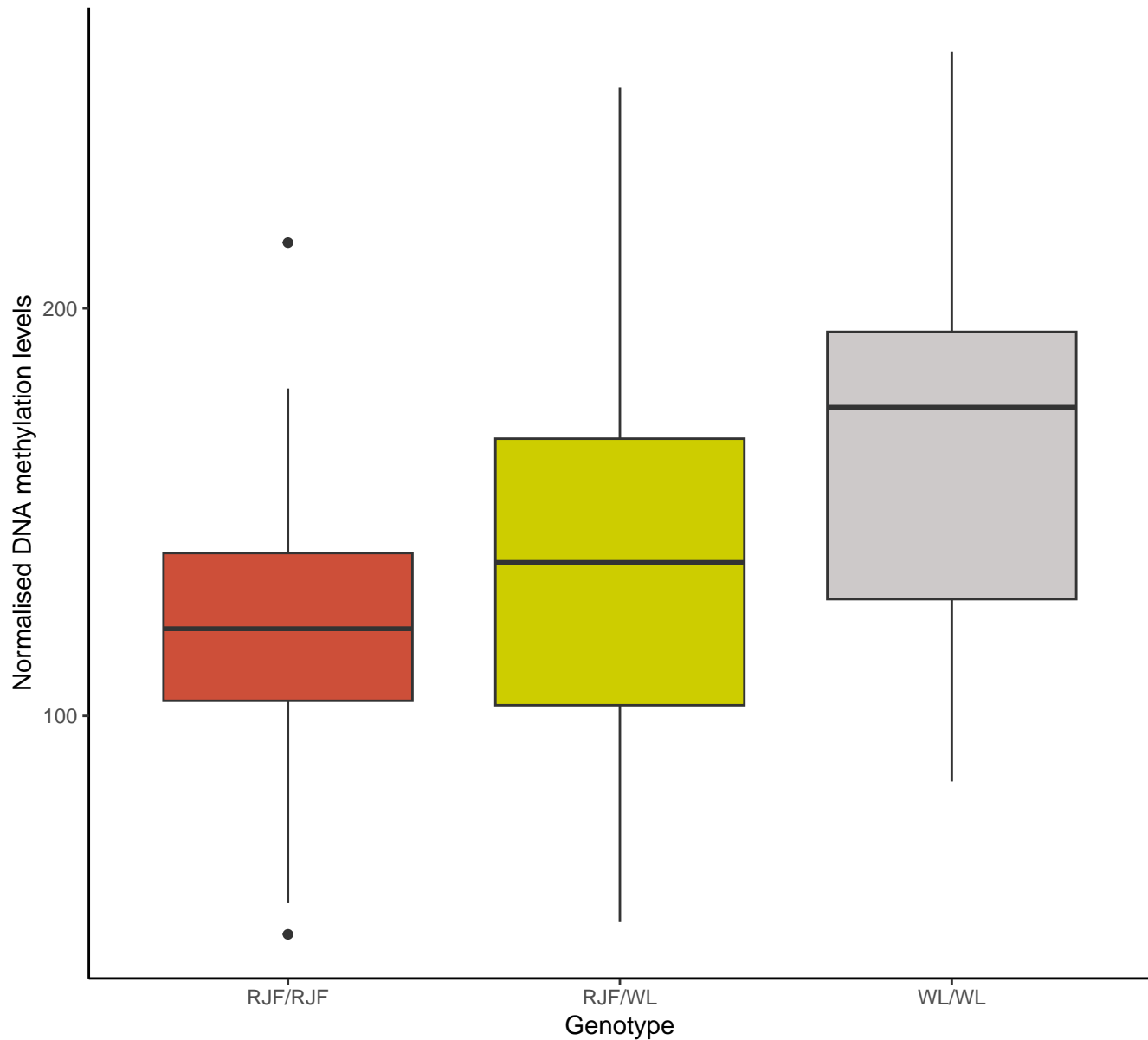
trans mQTL | chr8@68.59cM | LOD: 6.53
Methbin: chrZ_73436000 | marker:Gg_rs14638715
CI: chr8:21.19–89.31cM



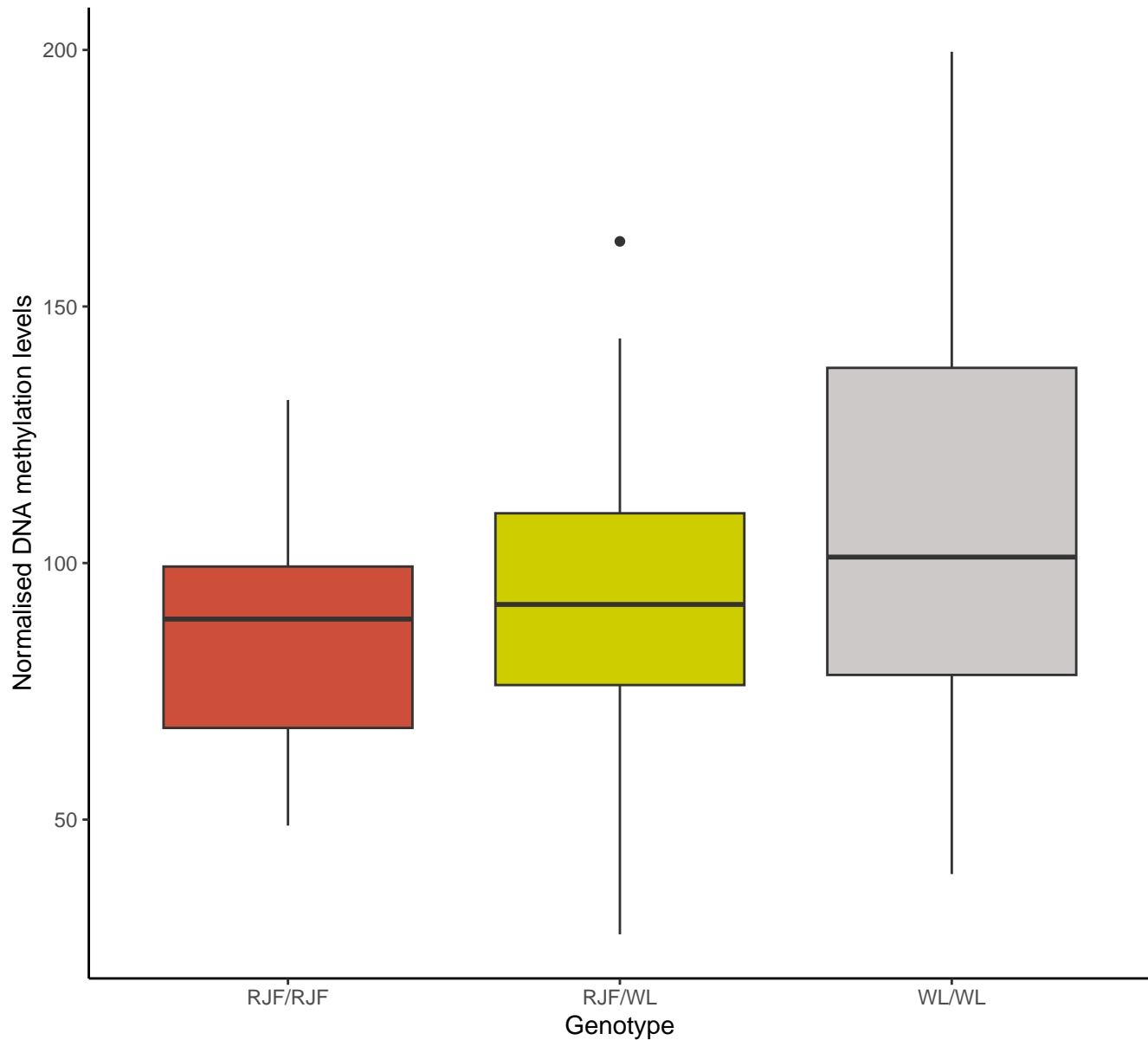
trans mQTL | chr16@1cM | LOD: 6.04
Methbin: chrZ_73925000 | marker:Gg_rs14096699
CI: chr16:1-1cM



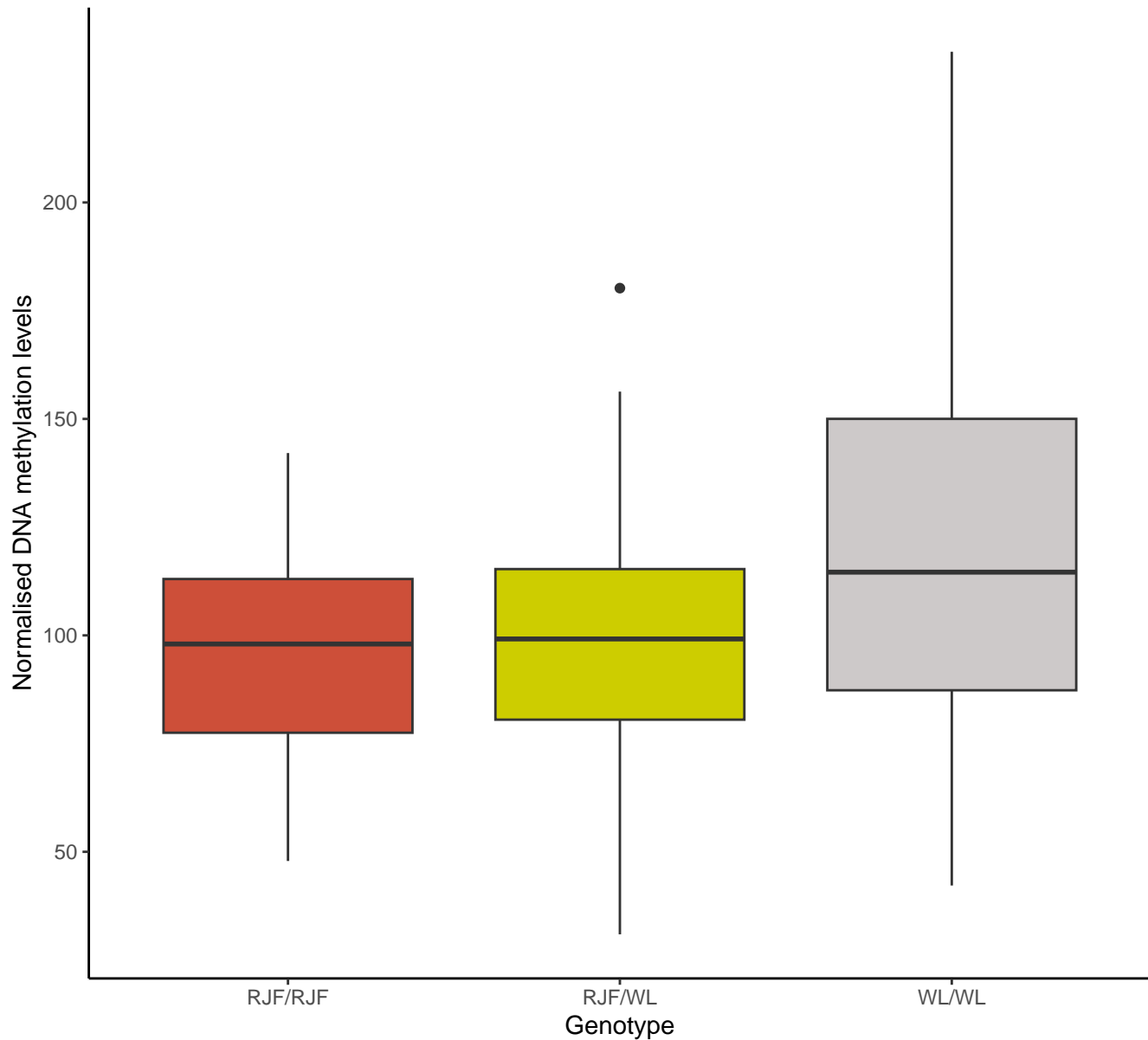
trans mQTL | chr16@1cM | LOD: 6.12
Methbin: chrZ_75683000 | marker:Gg_rs14096699
CI: chr16:1-1cM



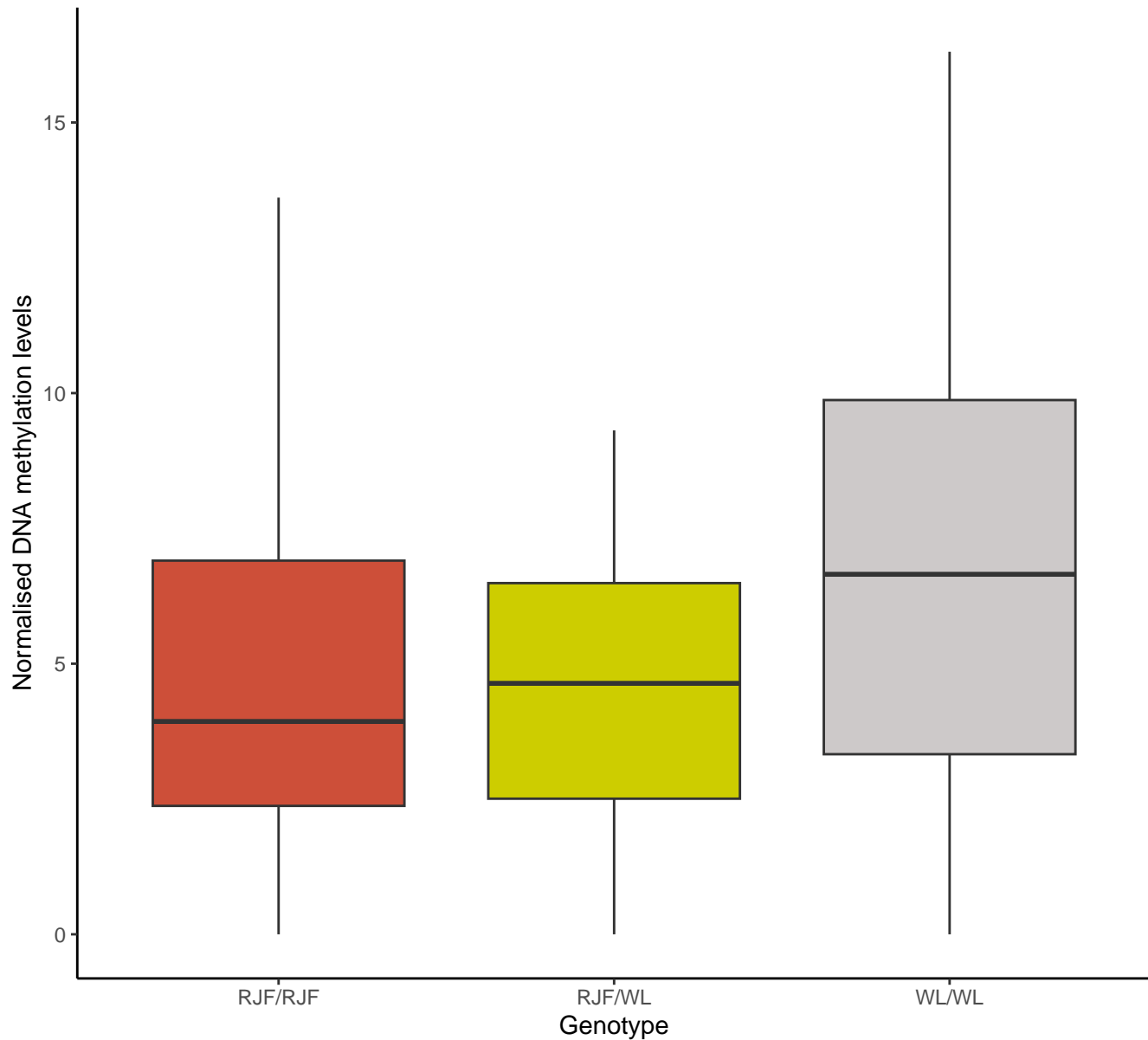
trans mQTL | chr20@14.97cM | LOD: 5.96
Methbin: chrZ_76091000 | marker:Gg_rs15169731
CI: chr20:0.43–47.98cM



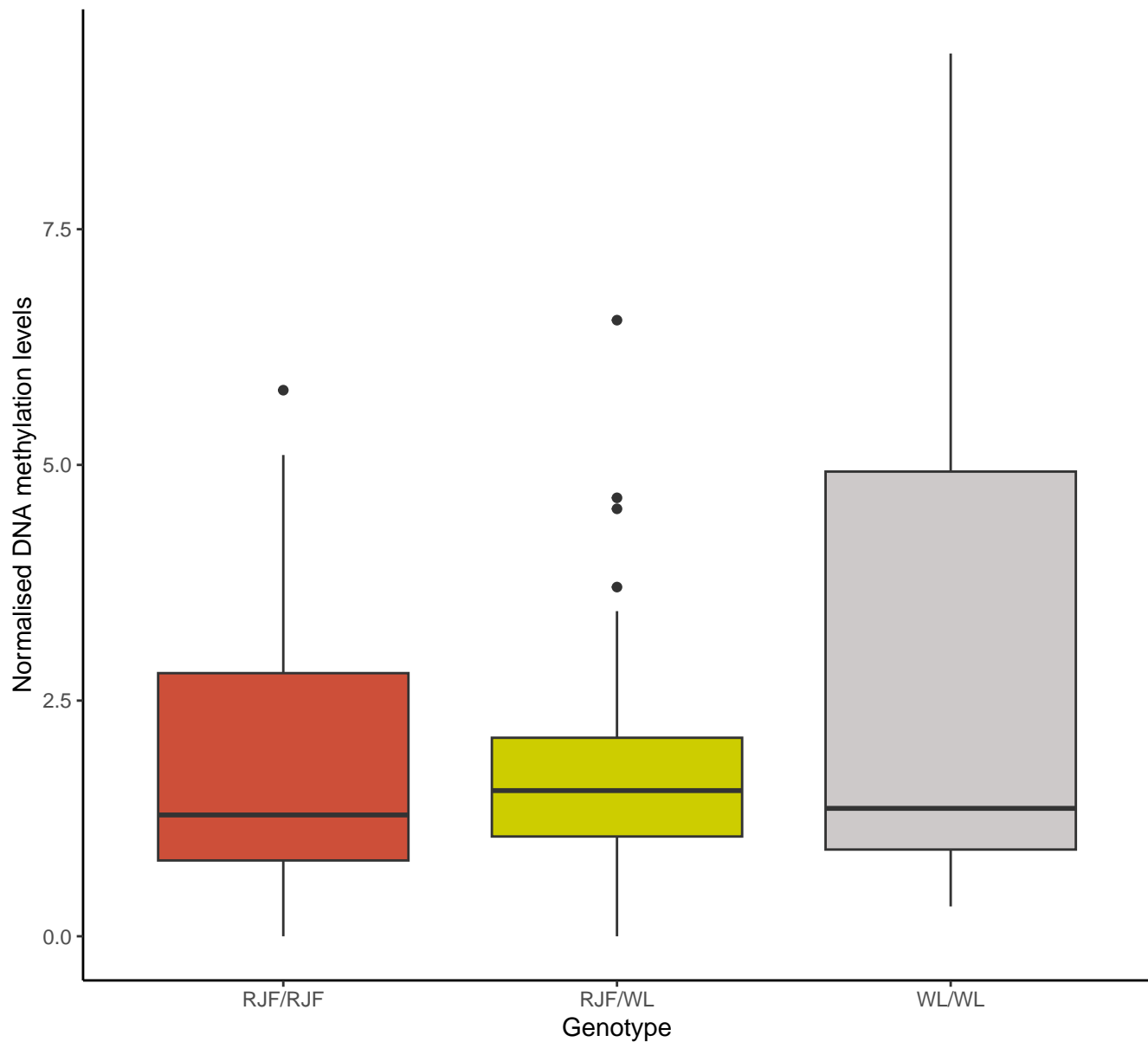
trans mQTL | chr20@14.97cM | LOD: 6.07
Methbin: chrZ_76217000 | marker:Gg_rs15169731
CI: chr20:0.43–47.98cM



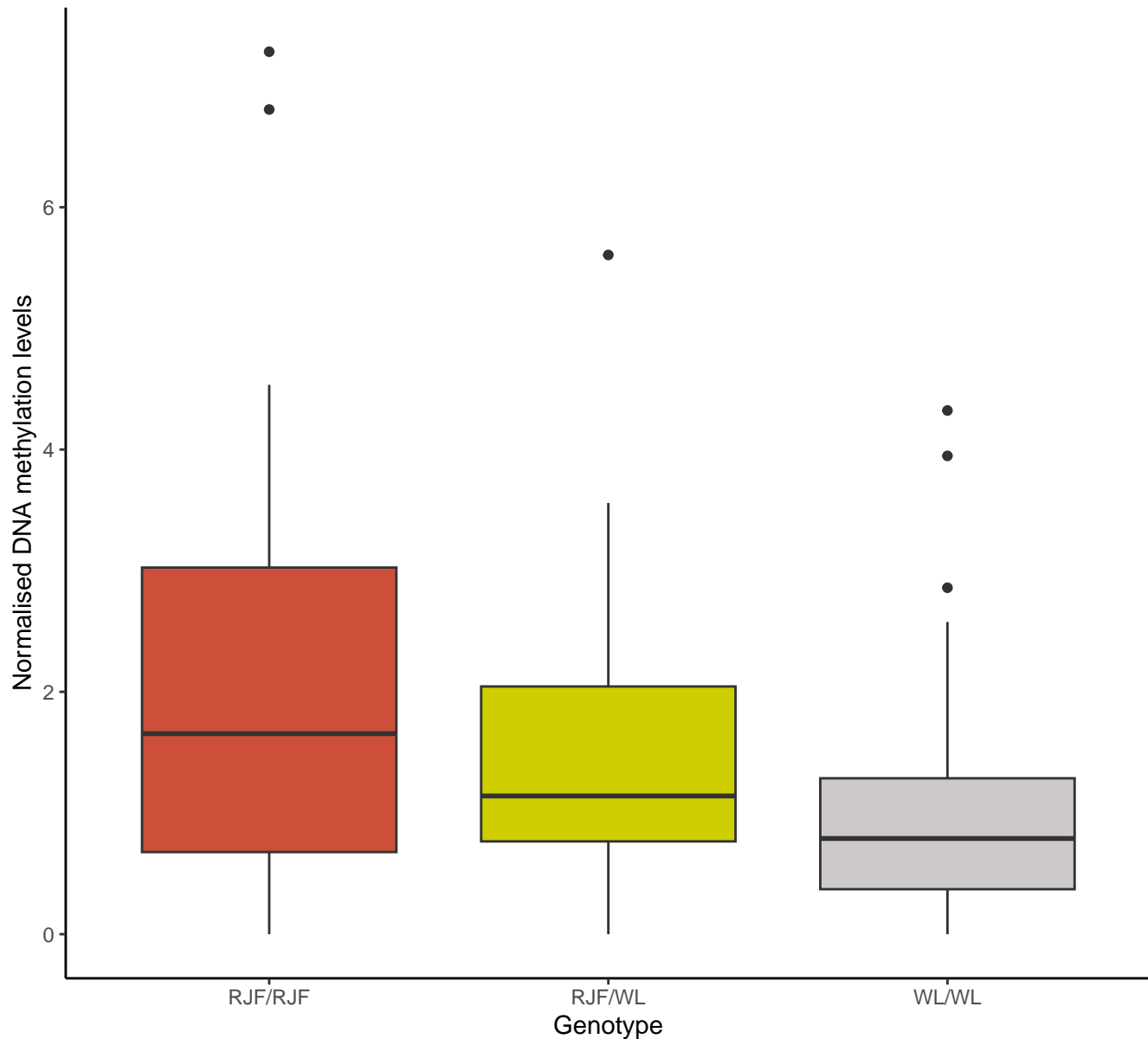
trans mQTL | chr3@219cM | LOD: 6.39
Methbin: chrZ_79088000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



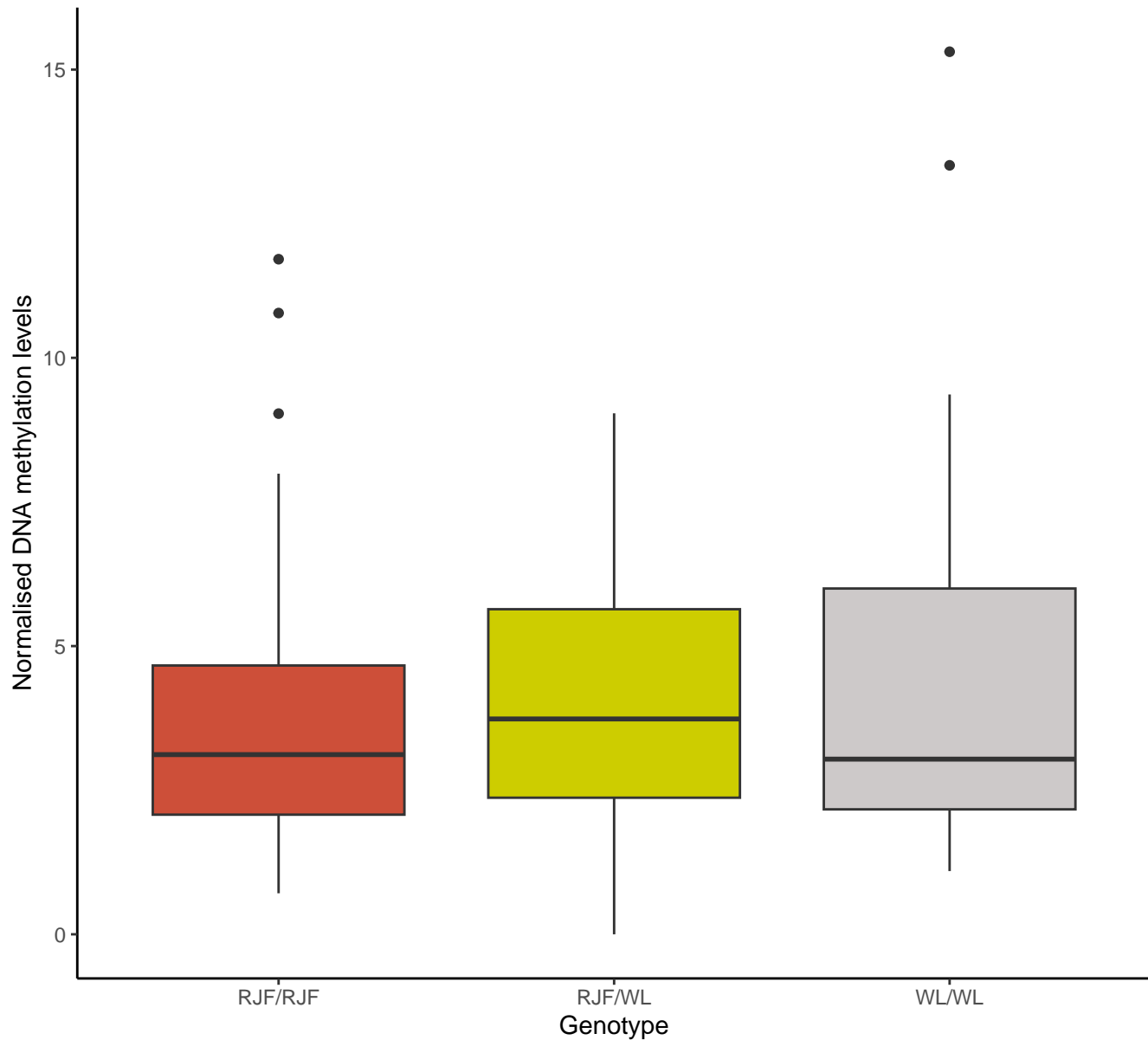
trans mQTL | chr4@0cM | LOD: 6.49
Methbin: chrZ_79125000 | marker:X4_1267185
CI: chr4:0–10.25cM



trans mQTL | chr1 @1410.84cM | LOD: 7.18
Methbin: chrZ_79243000 | marker:Gg_rs14858437
CI: chr1:1408.1–1417.54cM



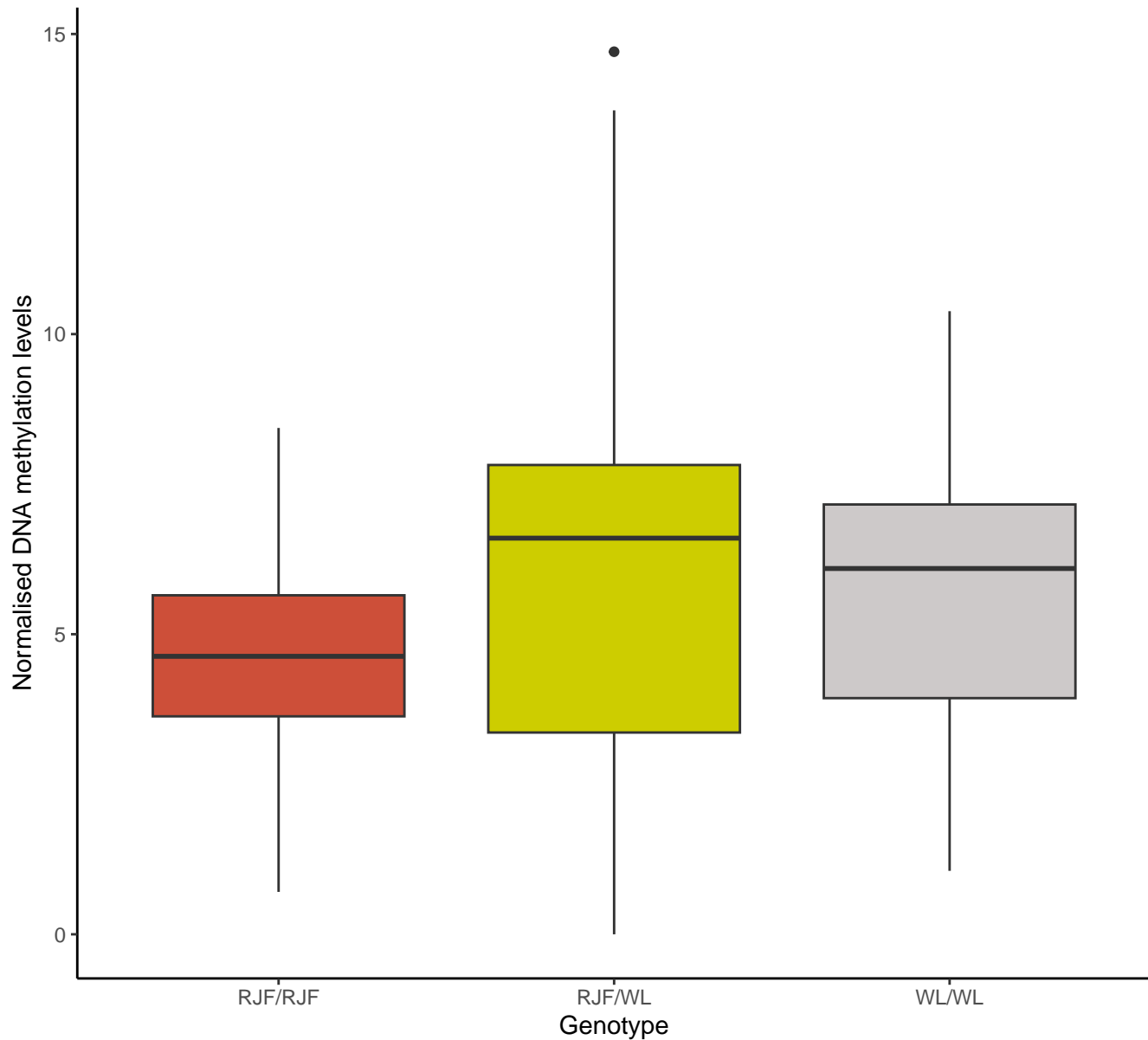
trans mQTL | chr4@0cM | LOD: 6.01
Methbin: chrZ_79371000 | marker:X4_1267185
CI: chr4:0–10.25cM



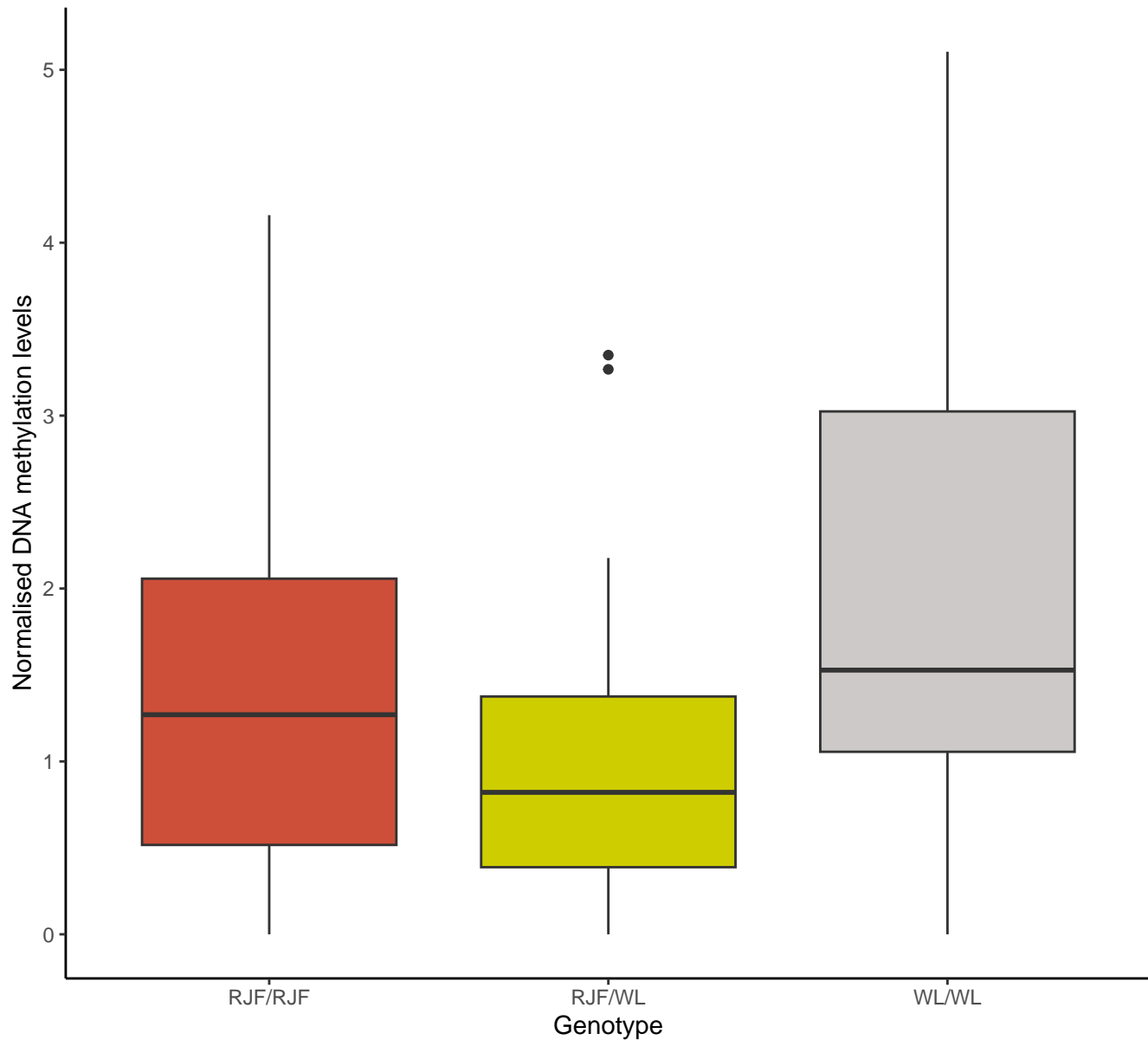
trans mQTL | chr14@265.73cM | LOD: 7.35

Methbin: chrZ_79384000 | marker:rbl1871

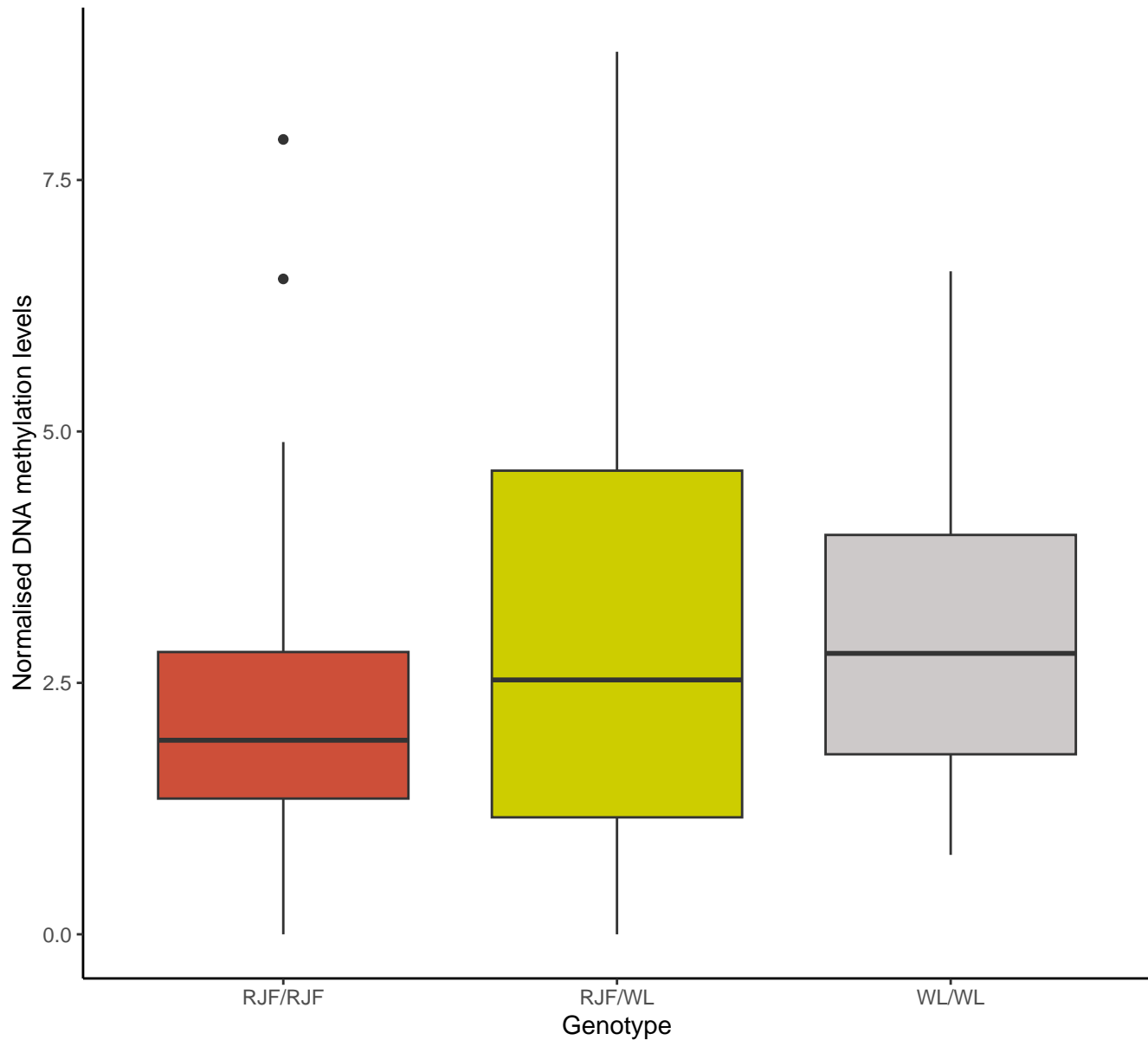
CI: chr14:241.01–265.73cM



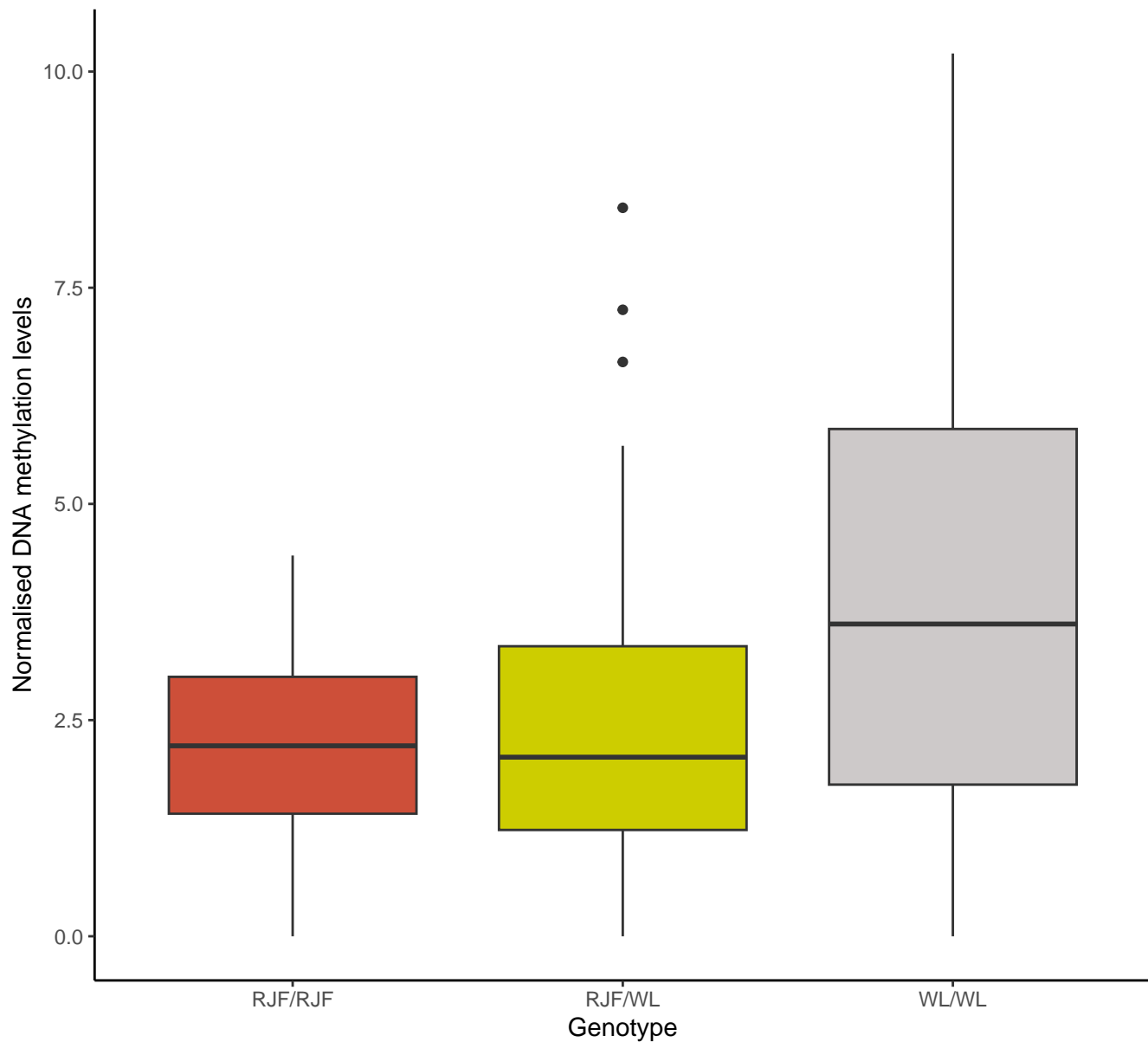
trans mQTL | chr2@693.4cM | LOD: 6.76
Methbin: chrZ_79706000 | marker:Gg_rs15115408
CI: chr2:687.14–712.87cM



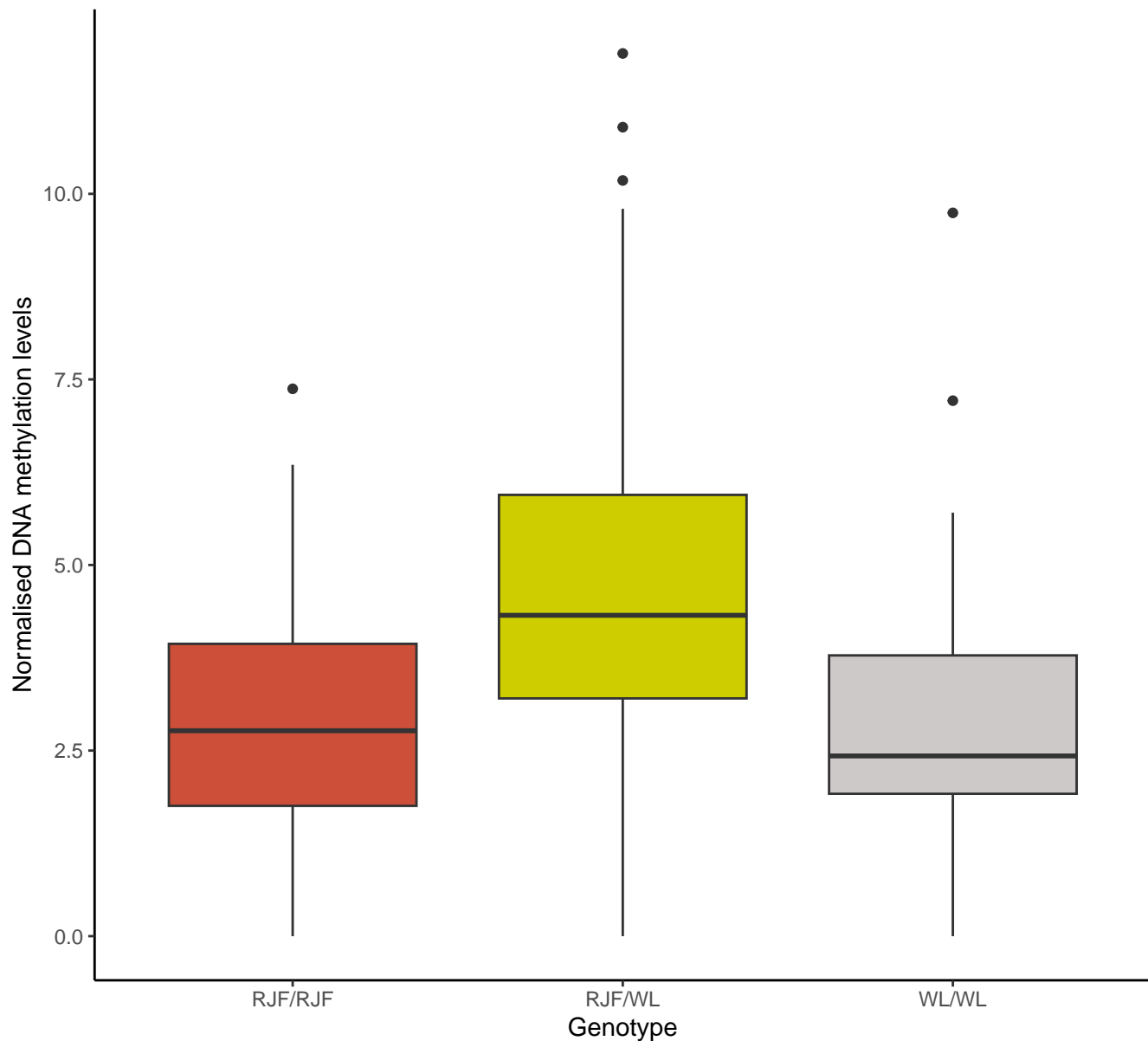
trans mQTL | chr4@568.94cM | LOD: 8.11
Methbin: chrZ_79867000 | marker:Gg_rs14500265
CI: chr4:541.29–568.94cM



trans mQTL | chr11@125.47cM | LOD: 6.22
Methbin: chrZ_79877000 | marker:RBL3647
CI: chr11:104.83–137.22cM



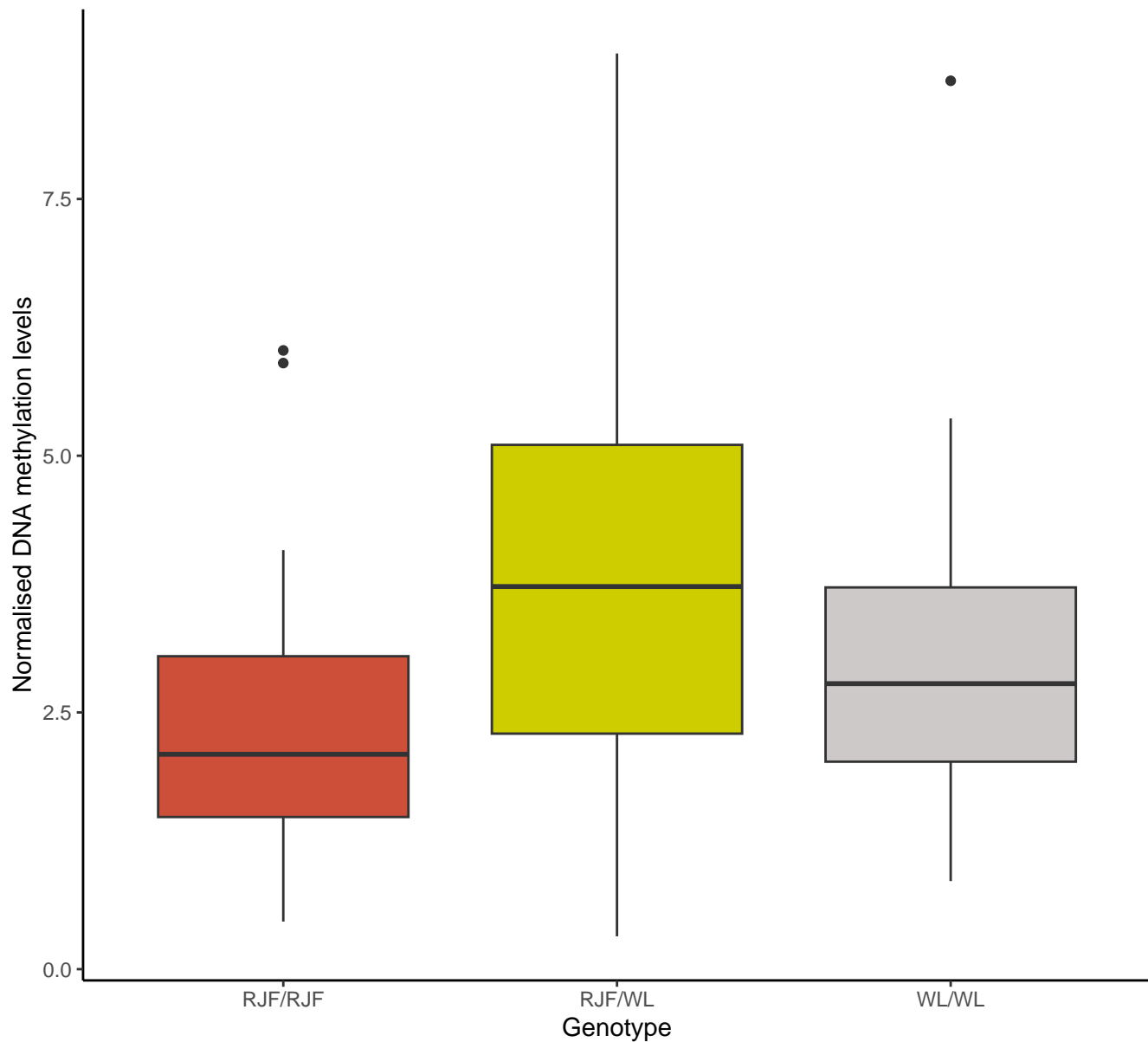
trans mQTL | chr5@95.63cM | LOD: 5.99
Methbin: chrZ_80082000 | marker:Gg_rs15666168
CI: chr5:37.43–131.24cM



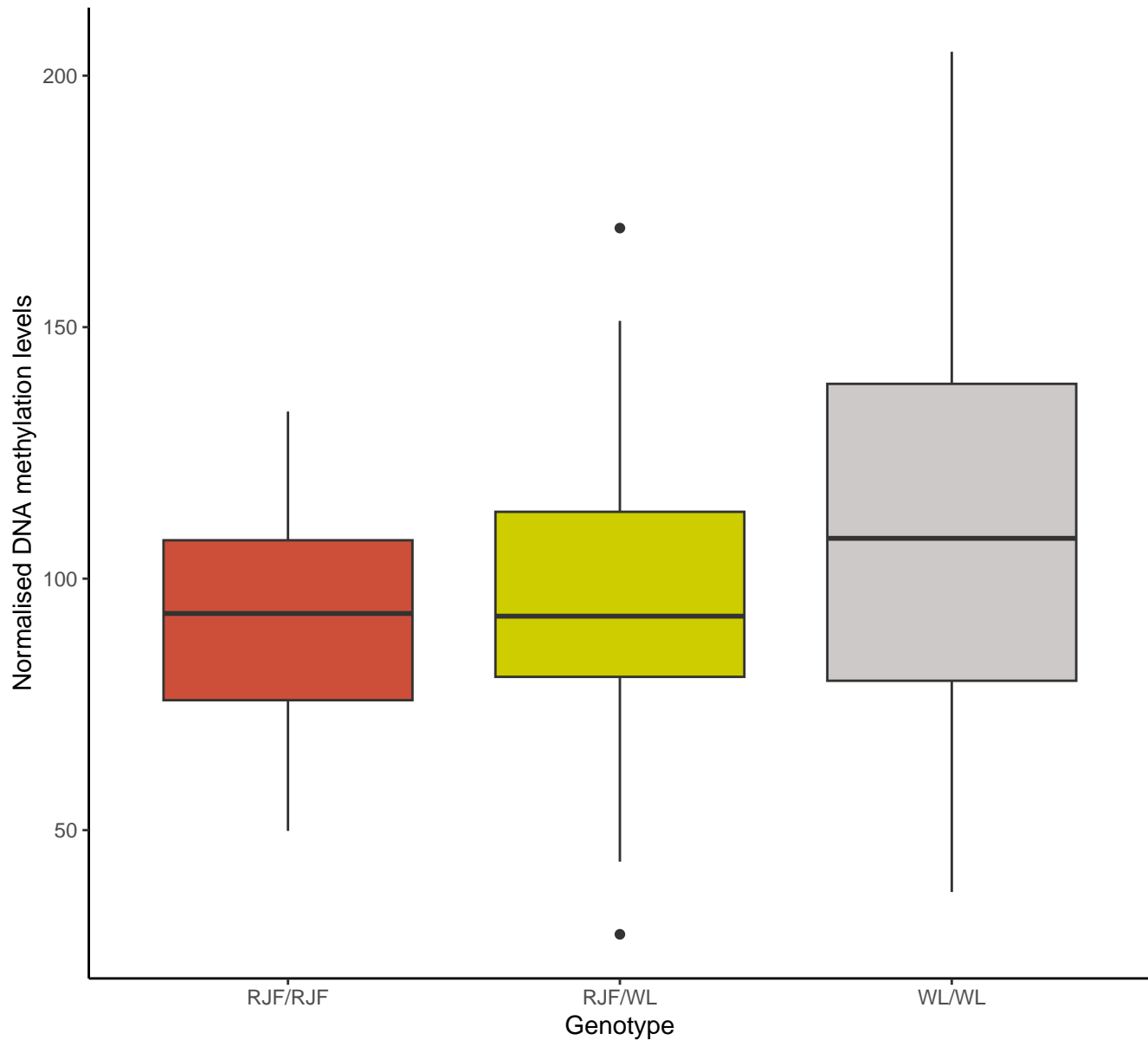
trans mQTL | chr7@10.48cM | LOD: 6.48

Methbin: chrZ_80248000 | marker:Gg_rs15828492

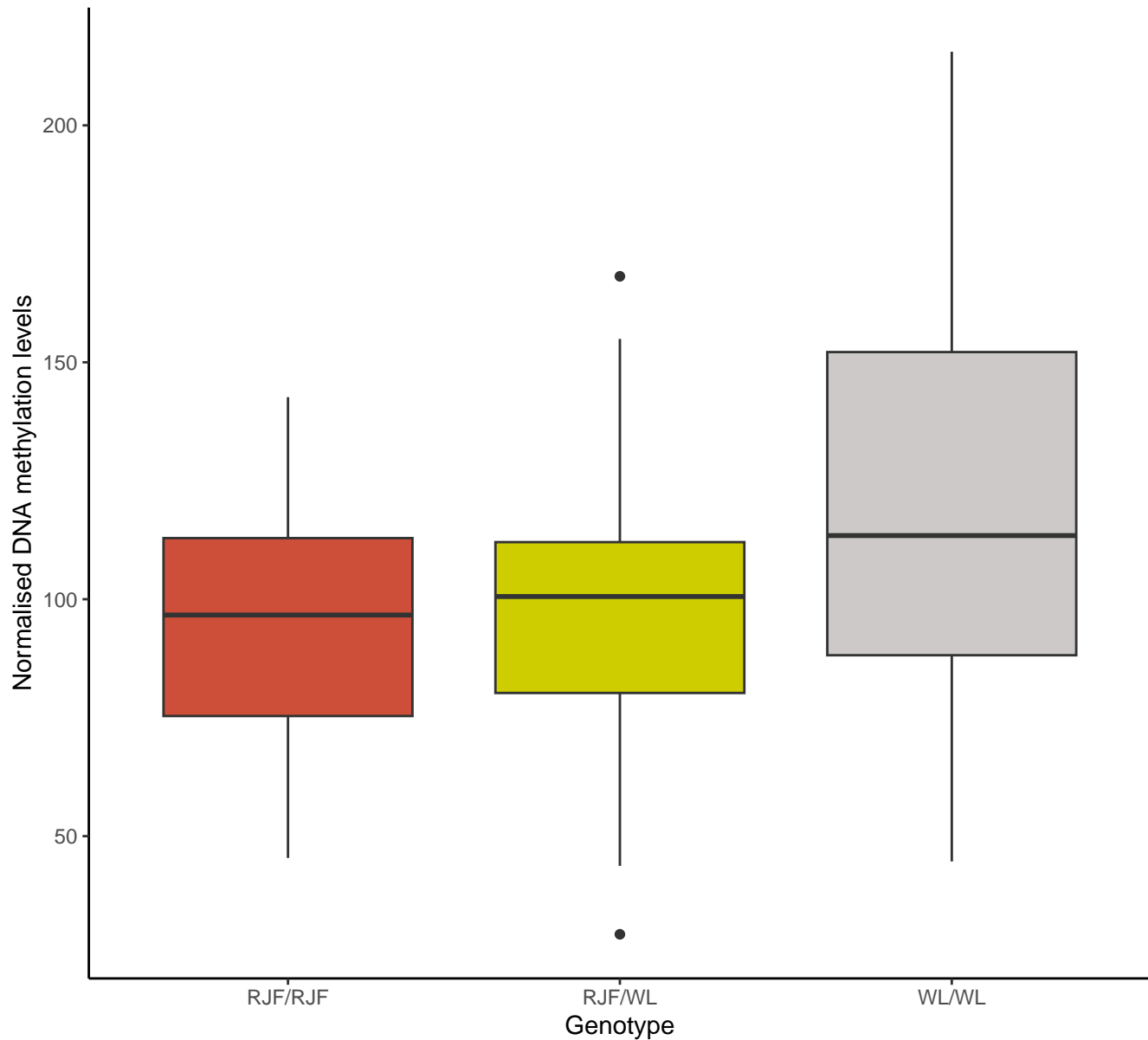
CI: chr7:0–58.22cM



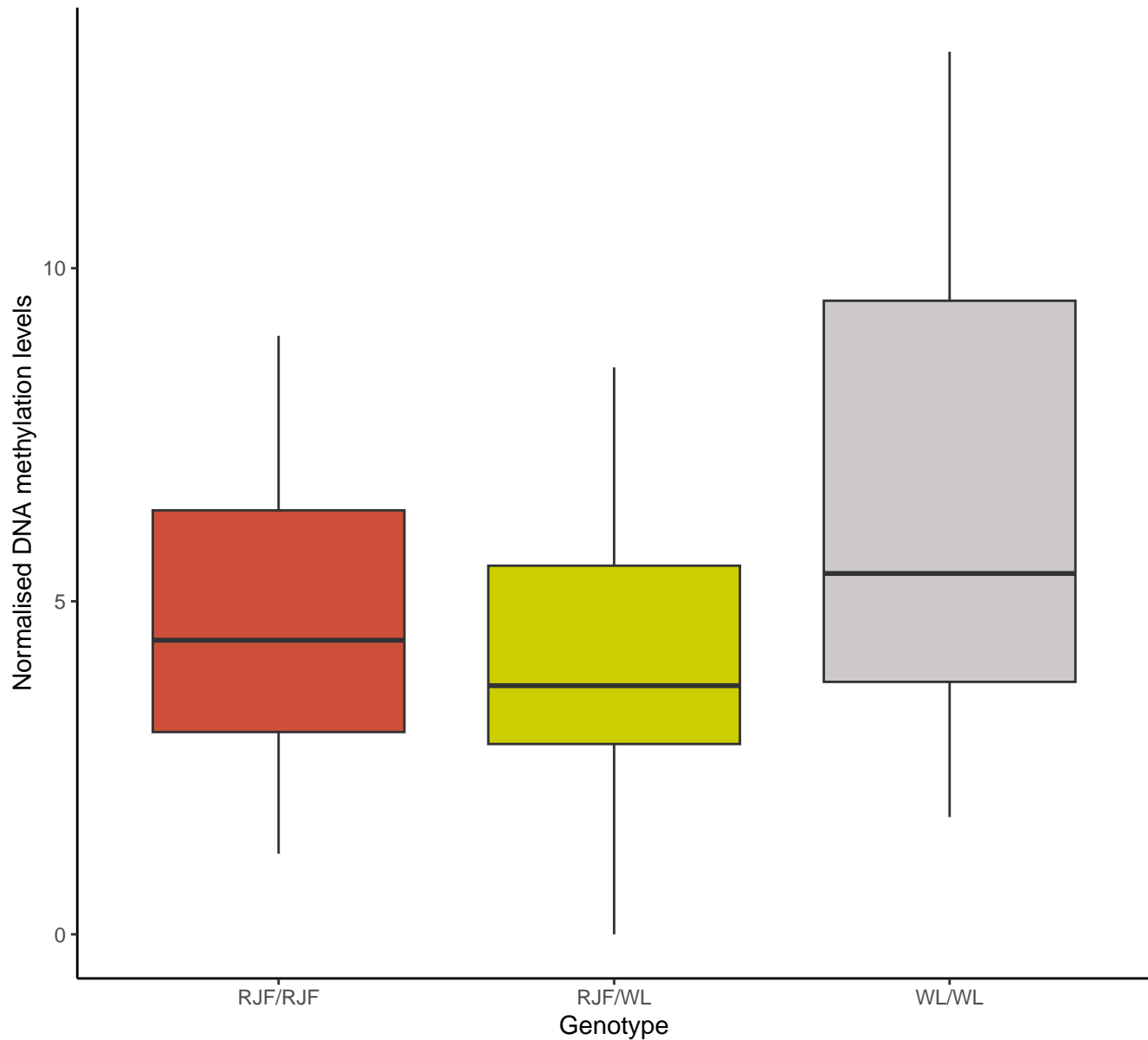
trans mQTL | chr20@14.97cM | LOD: 5.97
Methbin: chrZ_80974000 | marker:Gg_rs15169731
CI: chr20:0.43–47.98cM



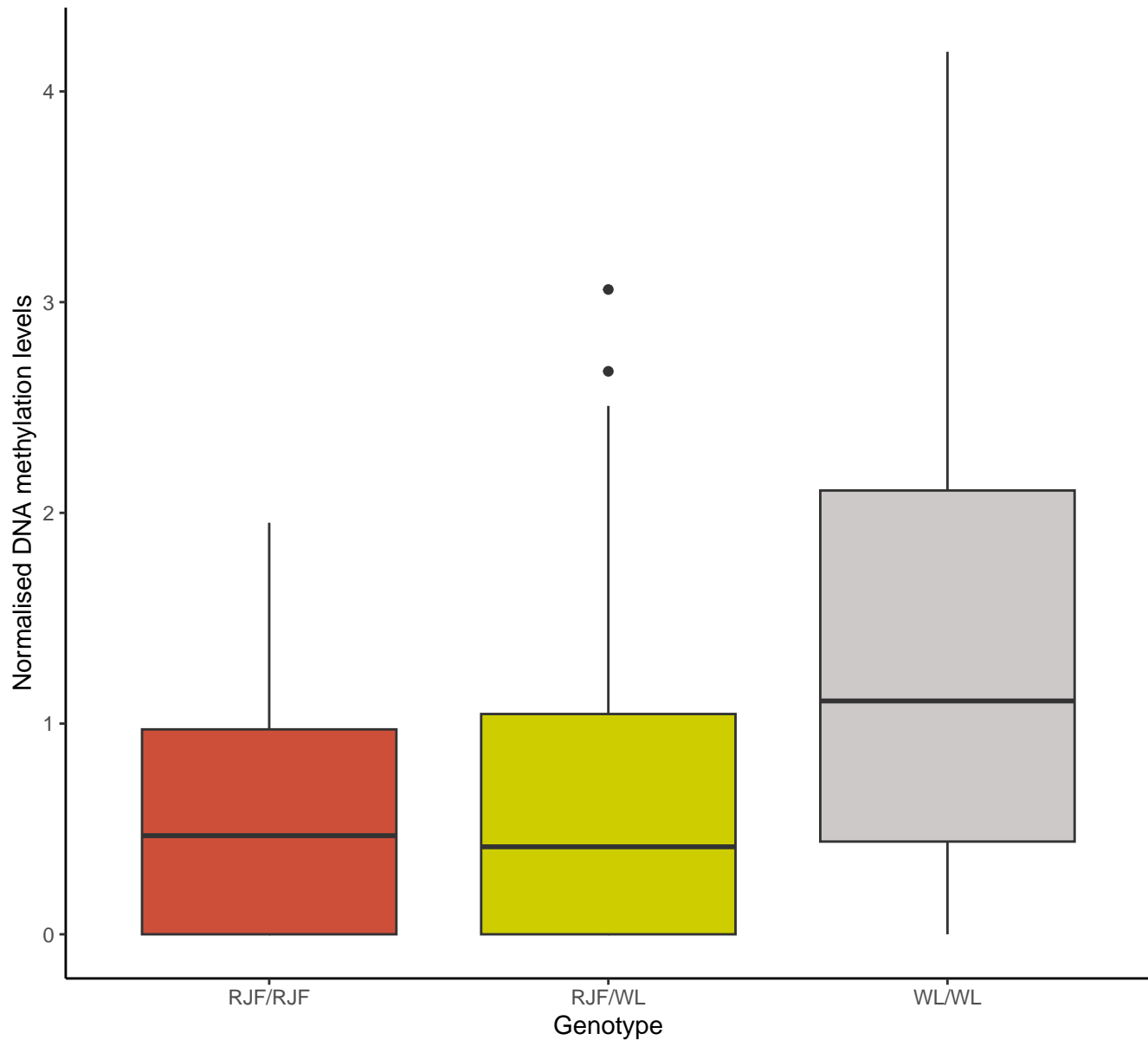
trans mQTL | chr20@14.97cM | LOD: 6.07
Methbin: chrZ_81011000 | marker:Gg_rs15169731
CI: chr20:0.43–47.98cM



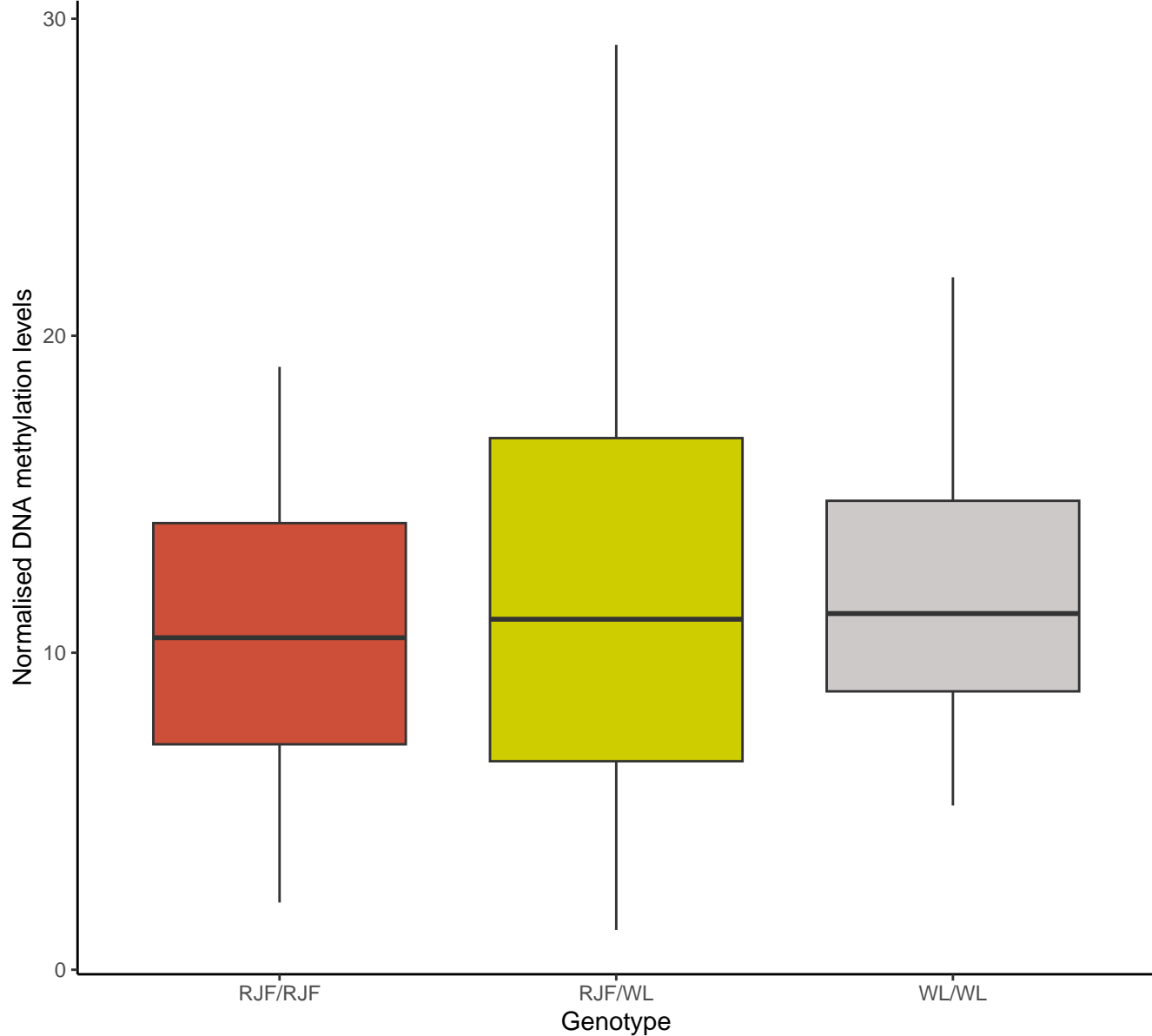
trans mQTL | chr6@105.16cM | LOD: 6.61
Methbin: chrZ_81156000 | marker:Gg_rs14568888
CI: chr6:86.33–126.7cM



trans mQTL | chr1 @ 1027.32cM | LOD: 6.86
Methbin: chrZ_81296000 | marker: Gg_rs14832321
CI: chr1:970.31–1050.74cM



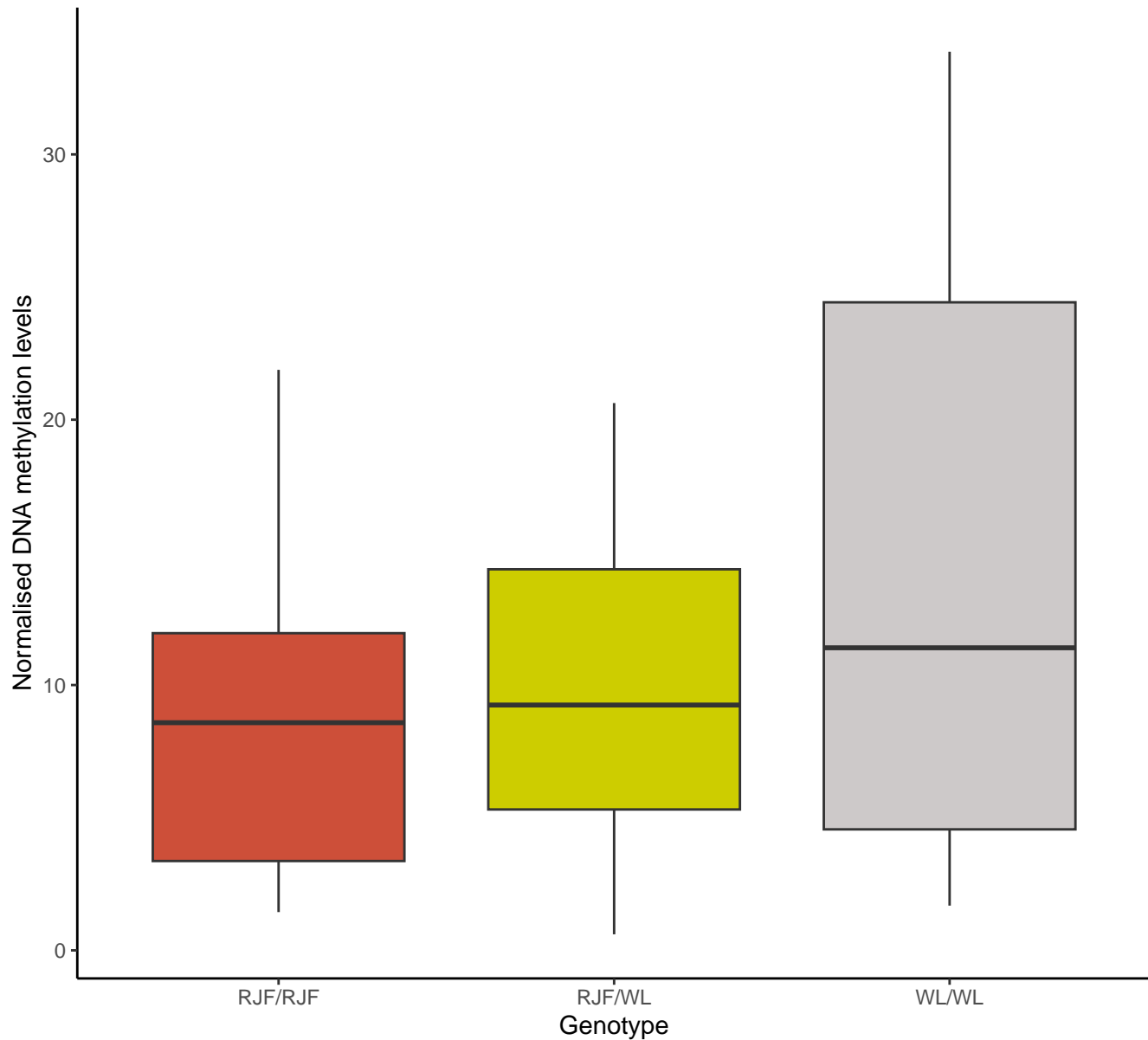
trans mQTL | chr2@1032cM | LOD: 7.65
Methbin: chrZ_81361000 | marker:Gg_rs14248701
CI: chr2:994.21–1050.96cM



trans mQTL | chr3@219cM | LOD: 8.31

Methbin: chrZ_81613000 | marker:Gg_rs15282380

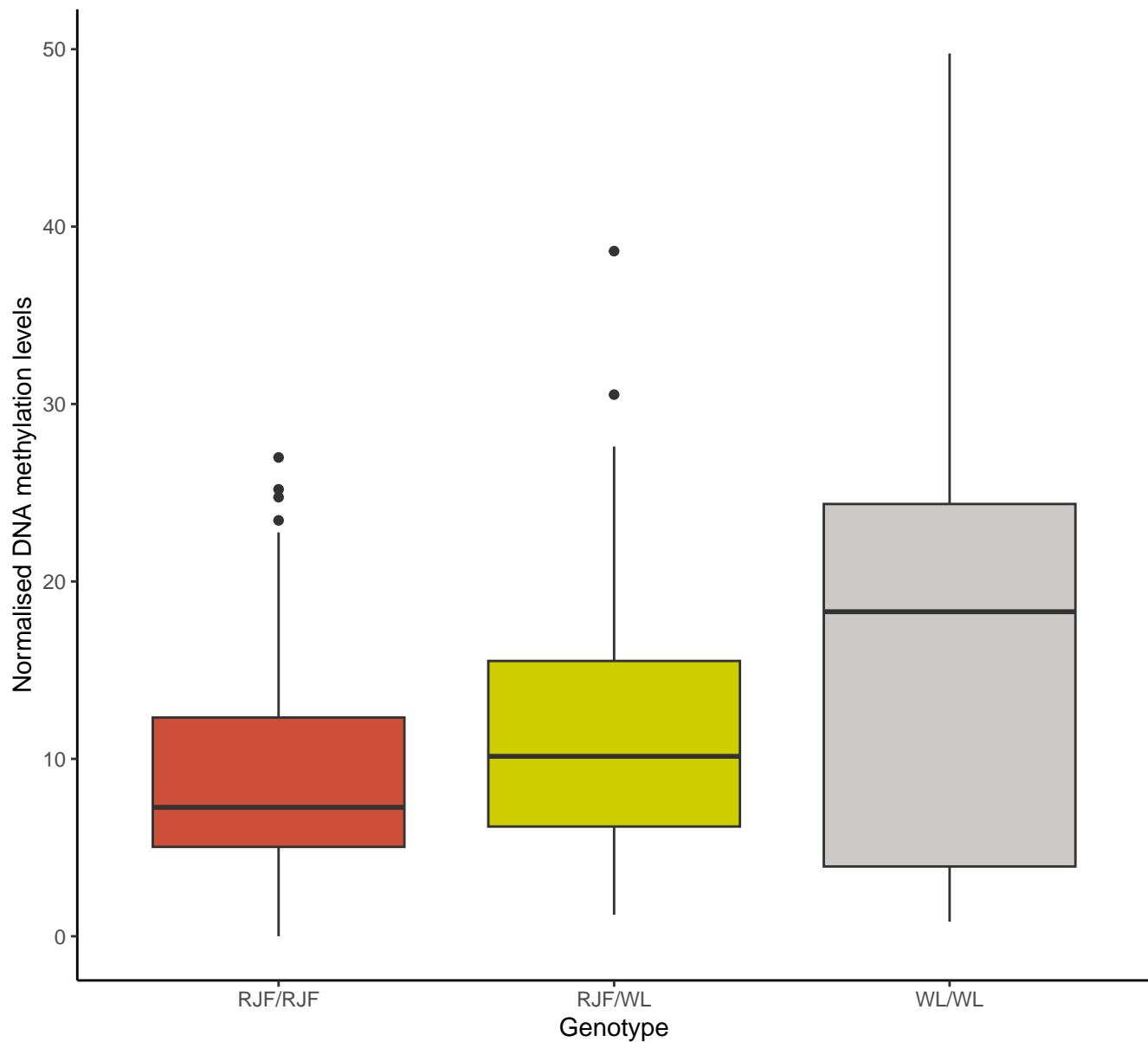
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.41

Methbin: chrZ_81771000 | marker:Gg_rs15282380

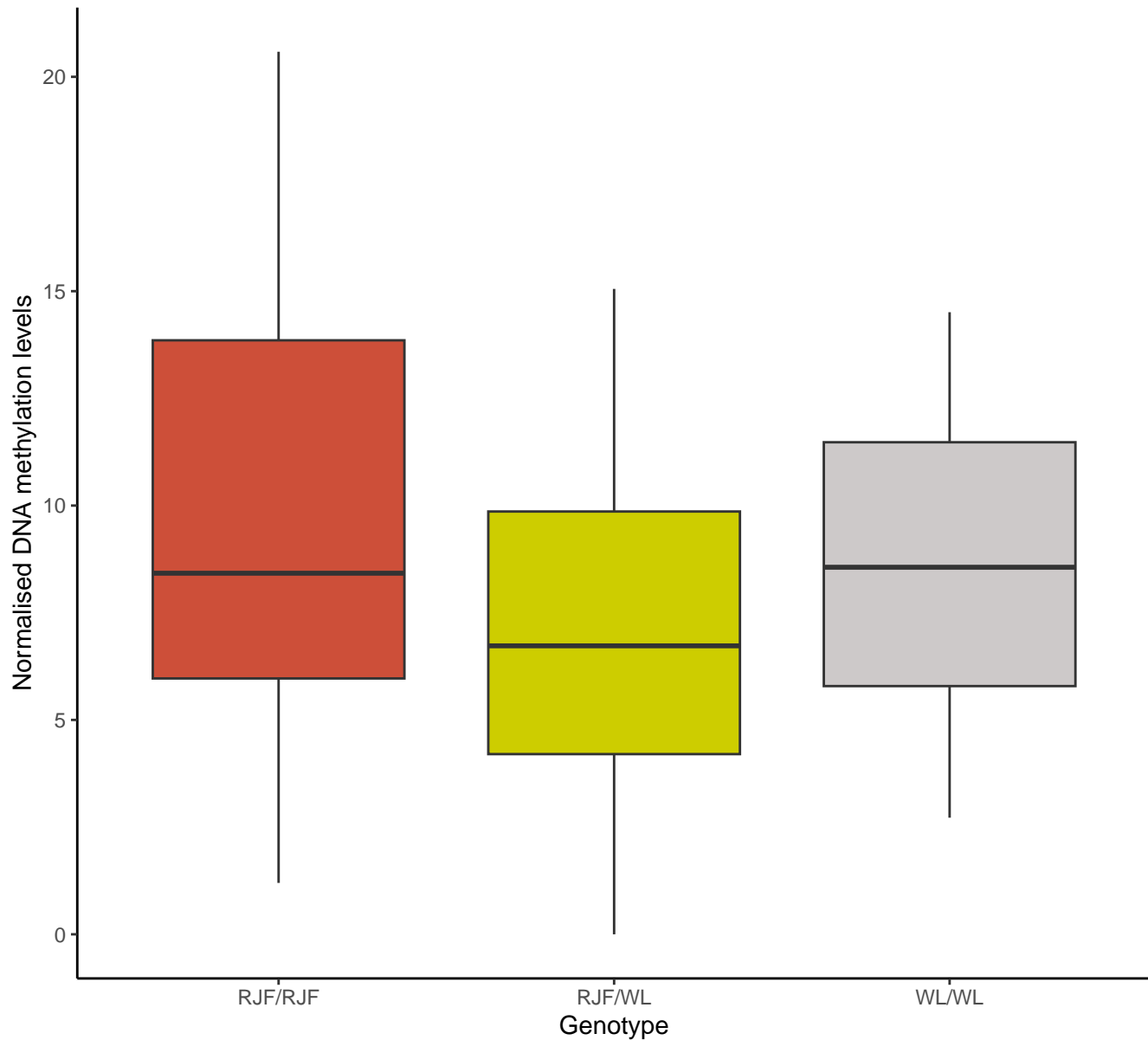
CI: chr3:181–270.84cM



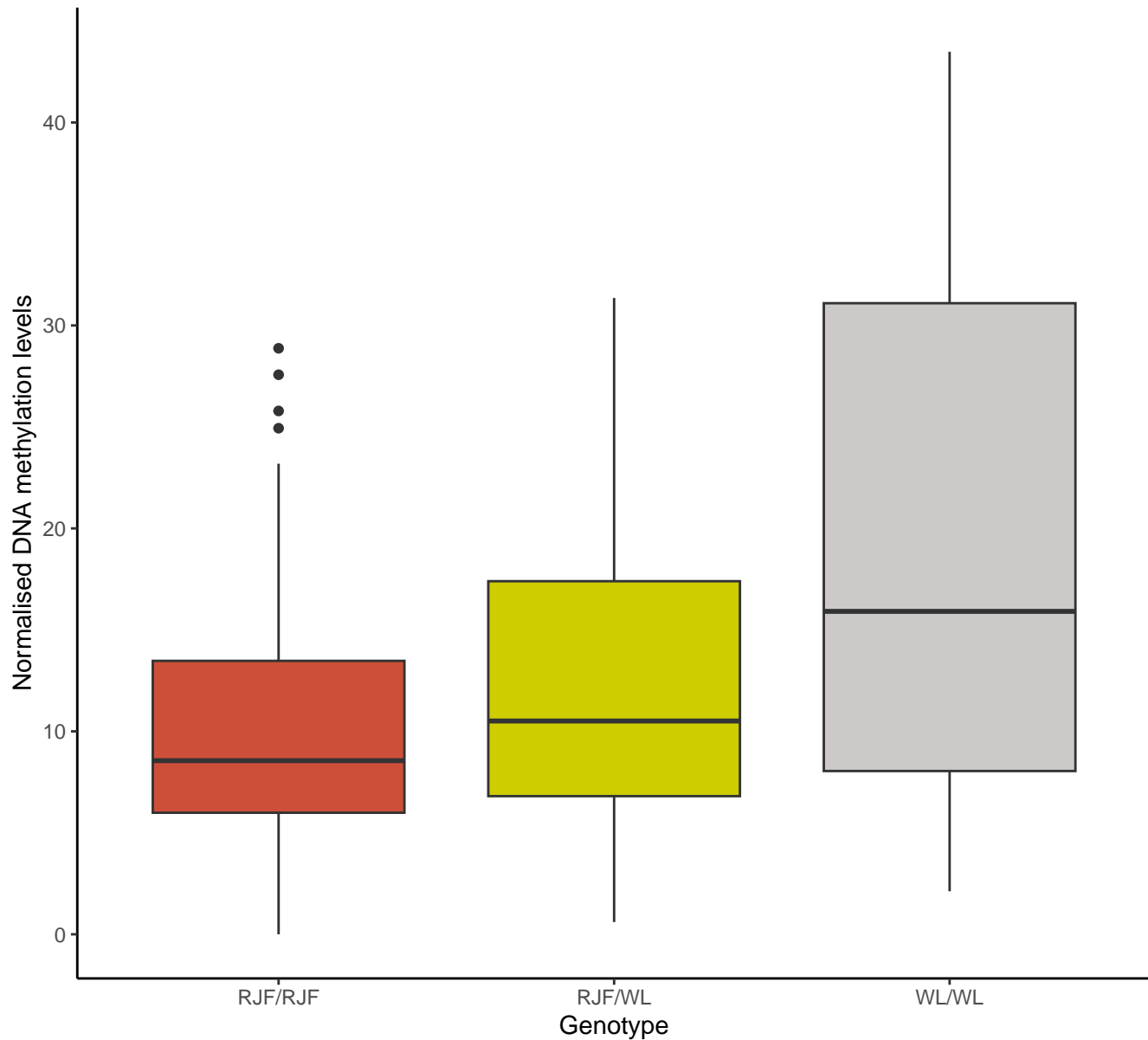
trans mQTL | chr3@355.2cM | LOD: 5.98

Methbin: chrZ_81840000 | marker:X3_36969573

CI: chr3:351.44–361.42cM



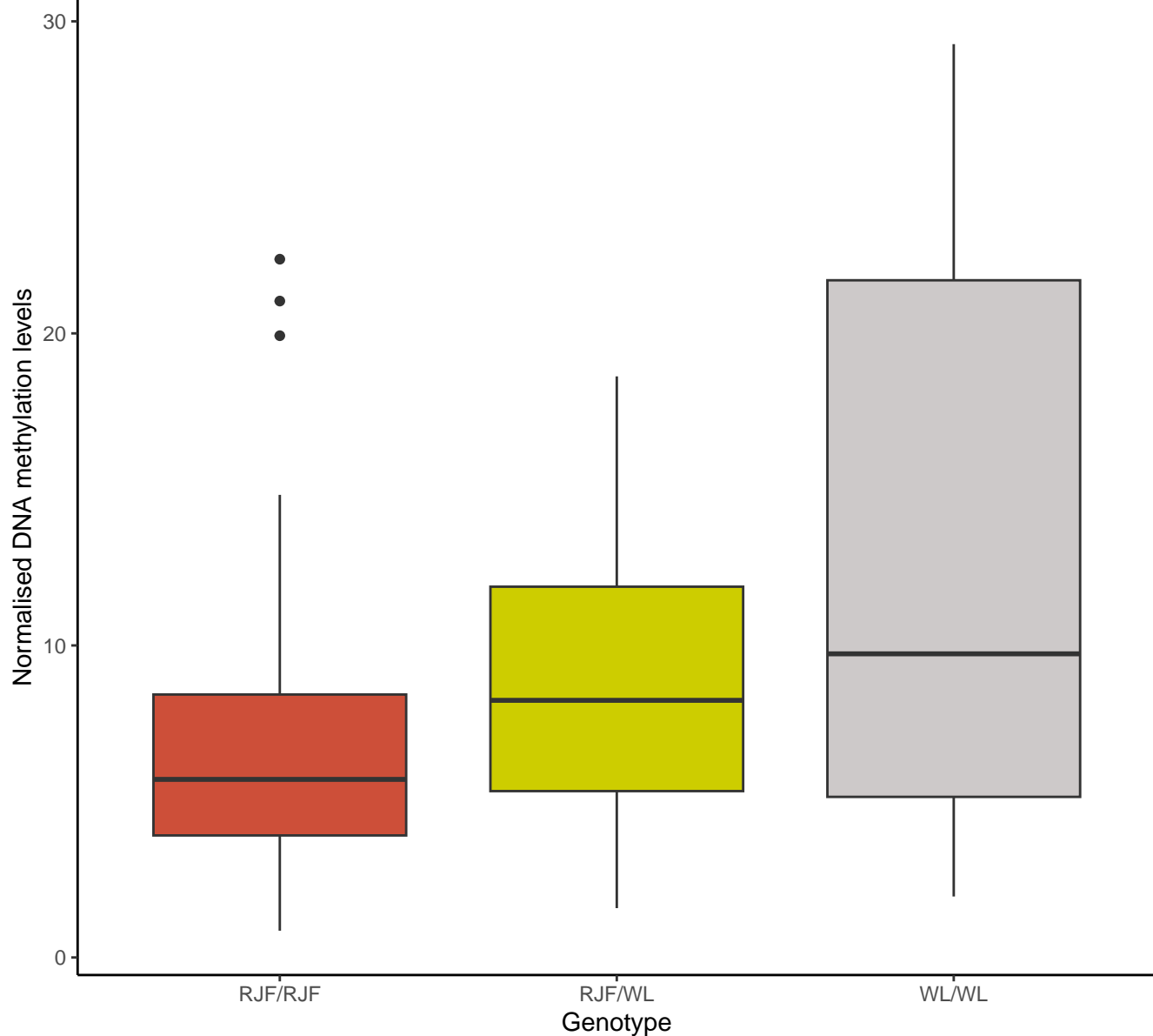
trans mQTL | chr3@219cM | LOD: 6.77
Methbin: chrZ_81894000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.83

Methbin: chrZ_81895000 | marker:Gg_rs15282380

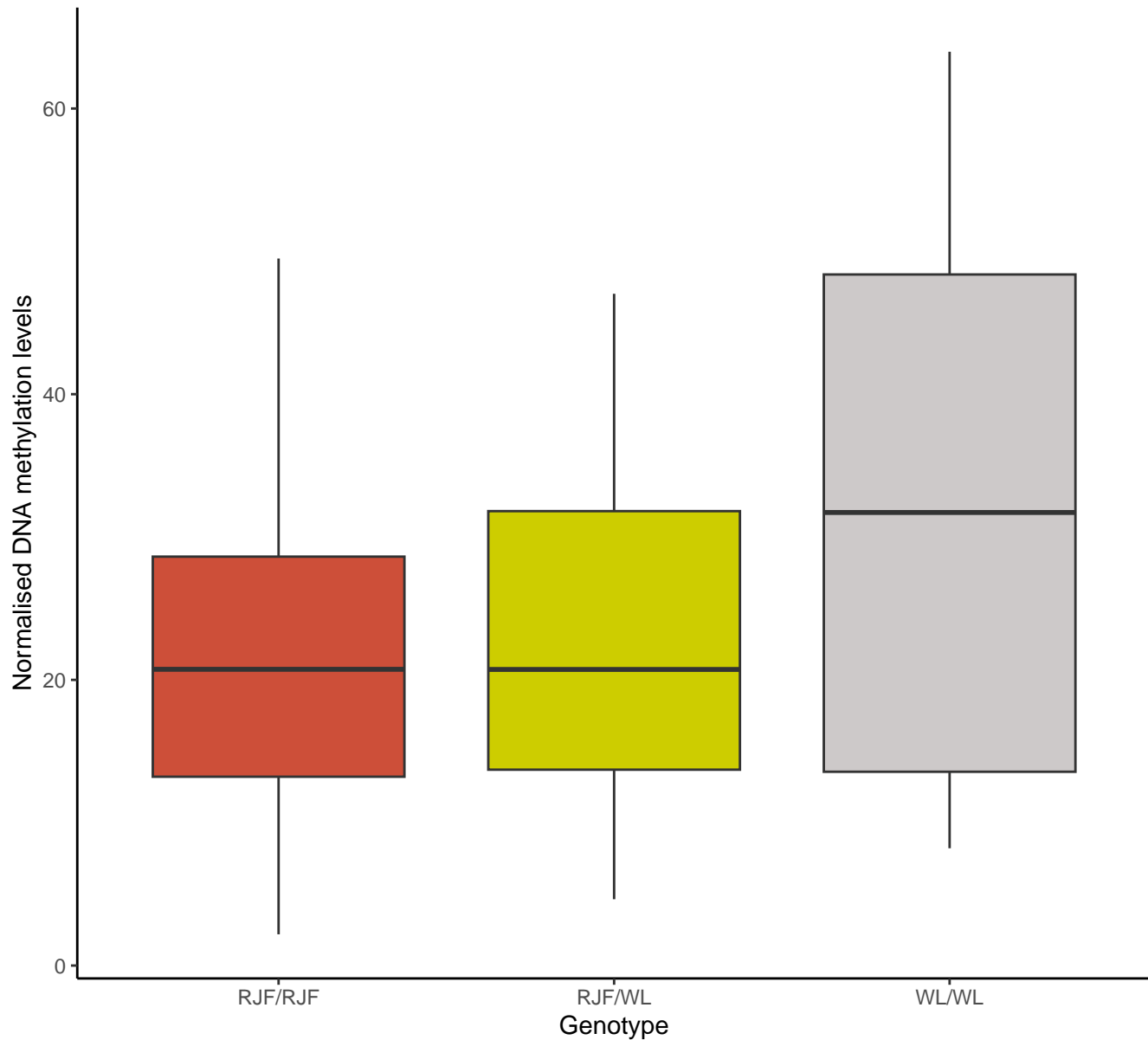
CI: chr3:181–270.84cM



trans mQTL | chr3@219cM | LOD: 7.62

Methbin: chrZ_81897000 | marker:Gg_rs15282380

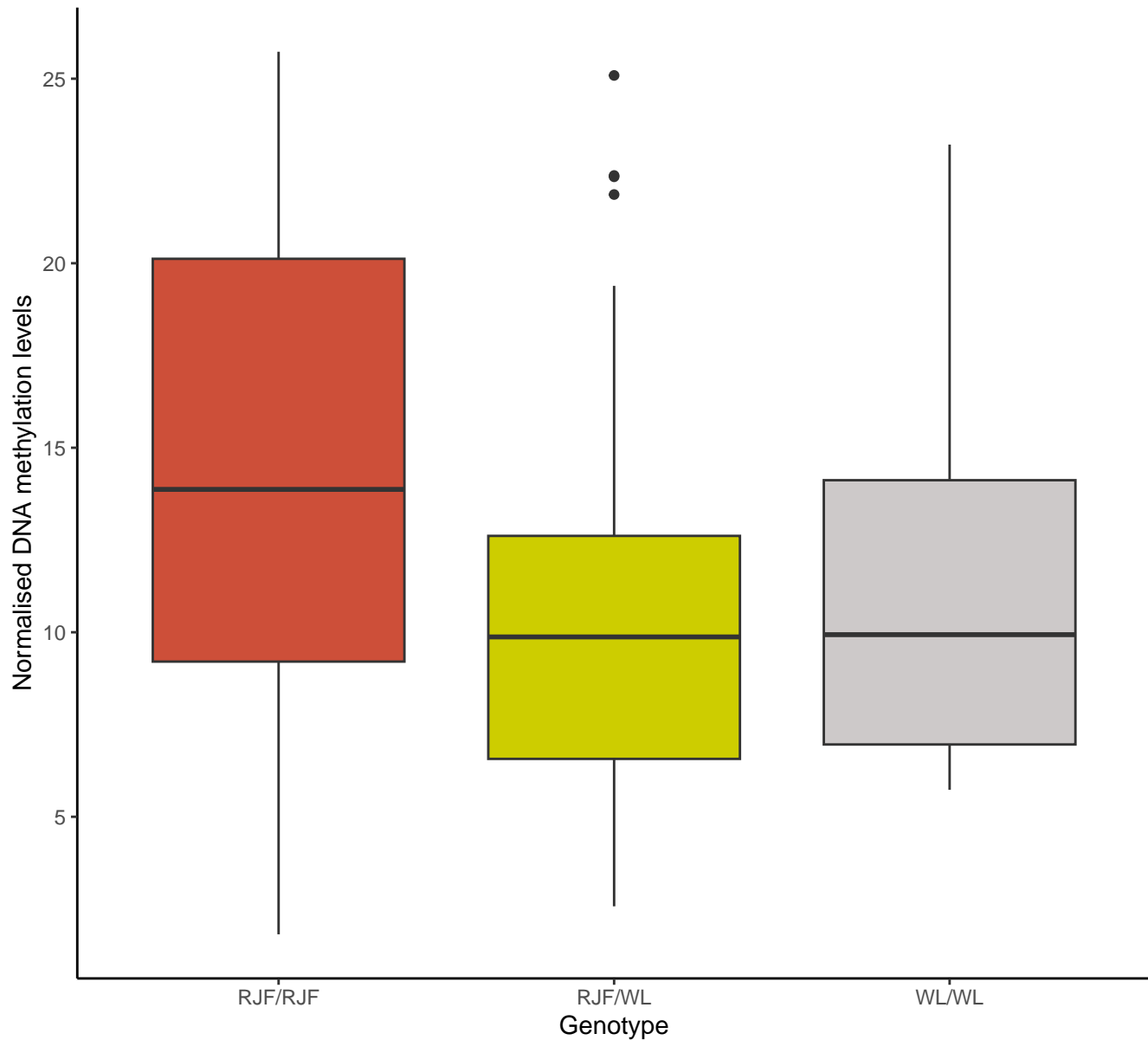
CI: chr3:181–270.84cM



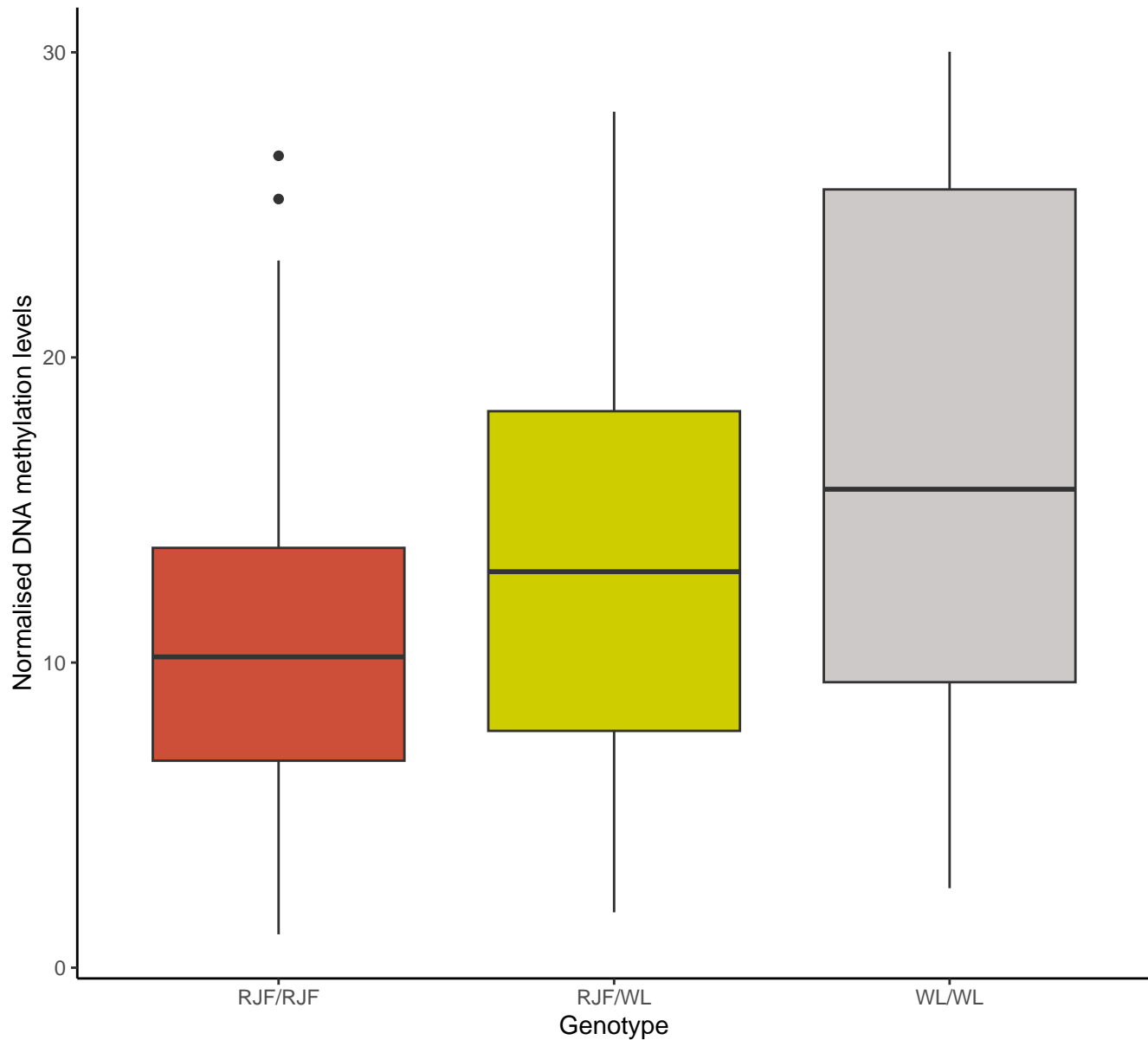
trans mQTL | chr3@354cM | LOD: 6.09

Methbin: chrZ_81945000 | marker:X3_36969573

CI: chr3:309.66–361.42cM



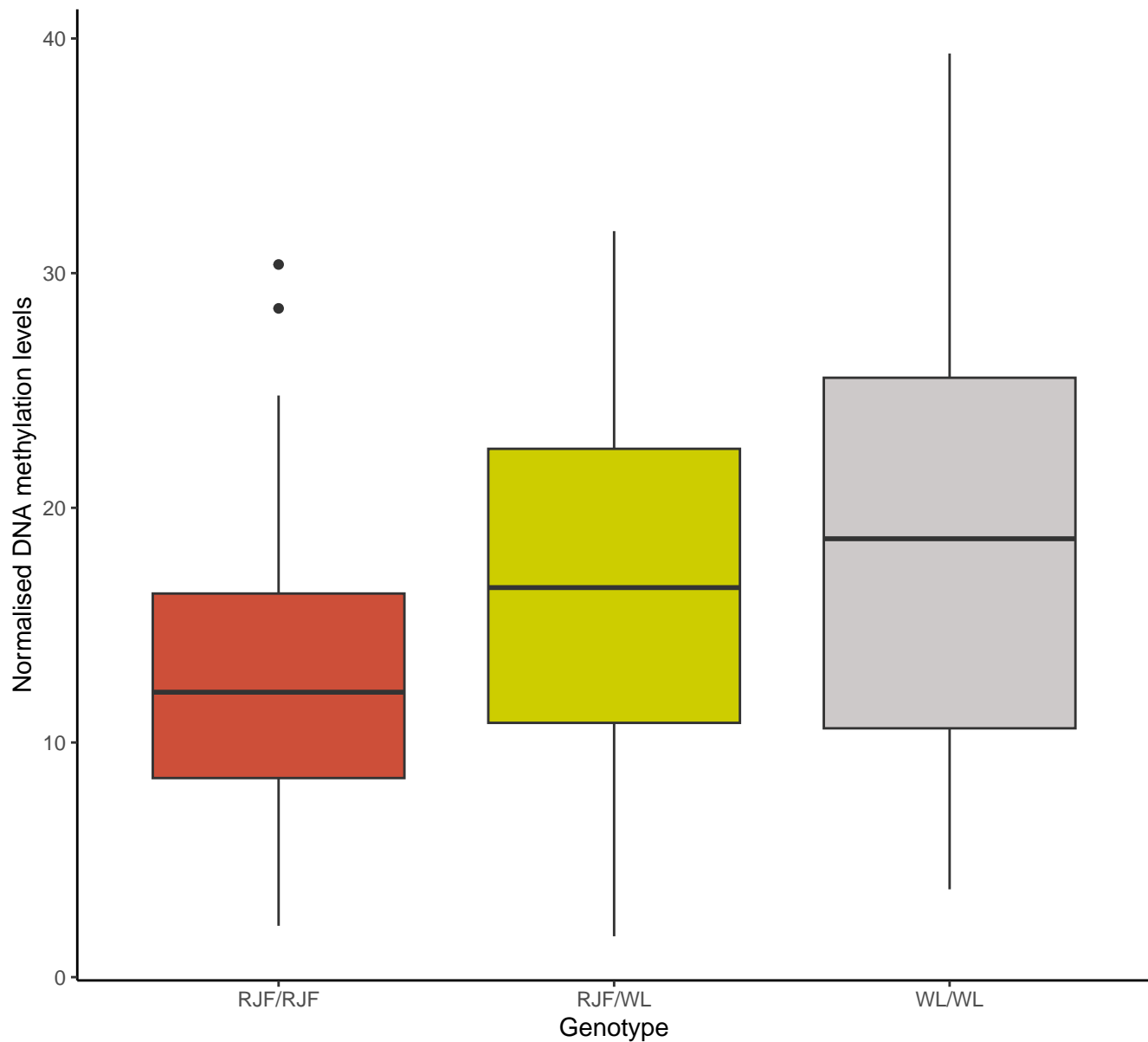
trans mQTL | chr3@219cM | LOD: 7.7
Methbin: chrZ_81949000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



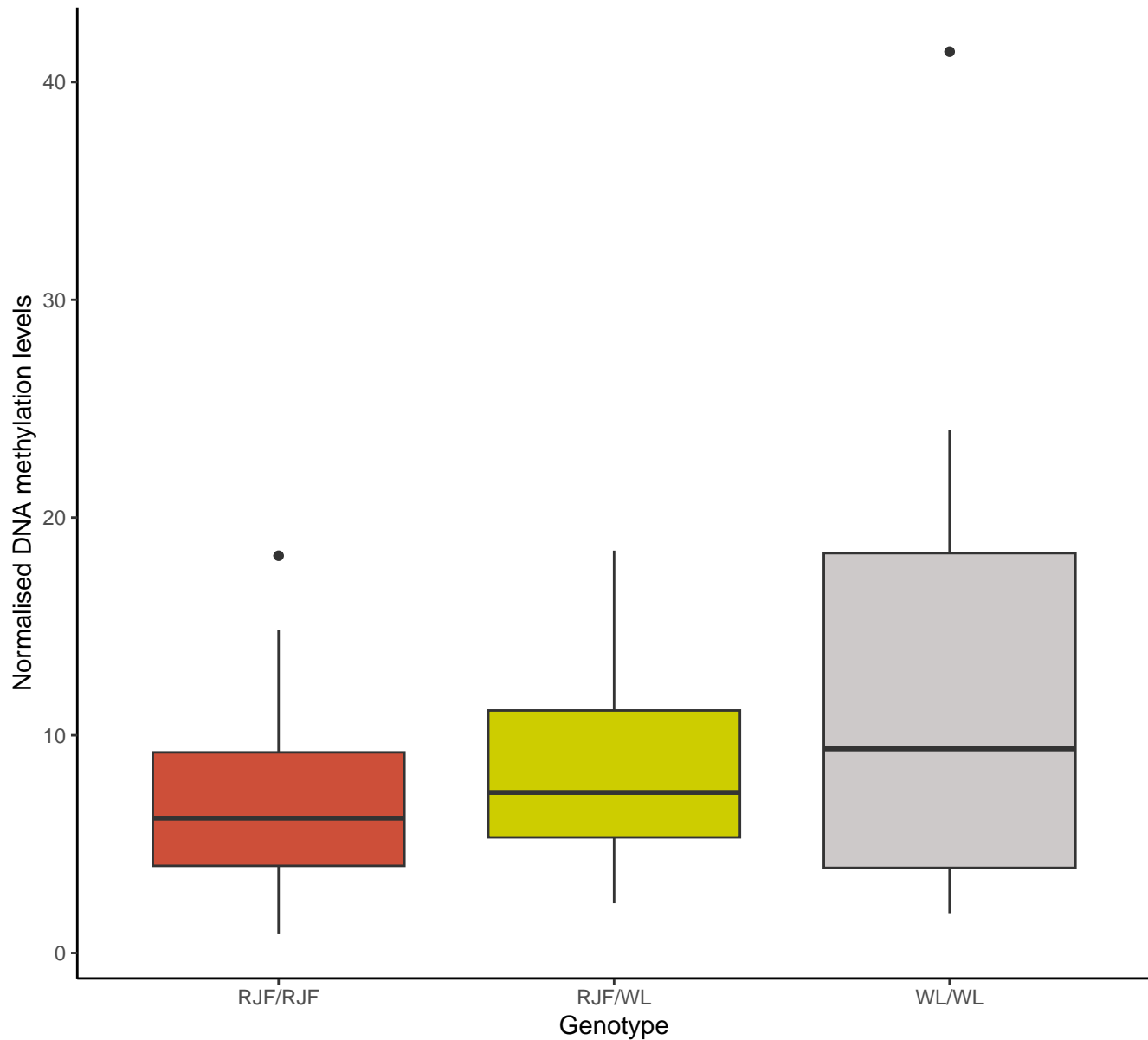
trans mQTL | chr3@219cM | LOD: 6.12

Methbin: chrZ_81959000 | marker:Gg_rs15282380

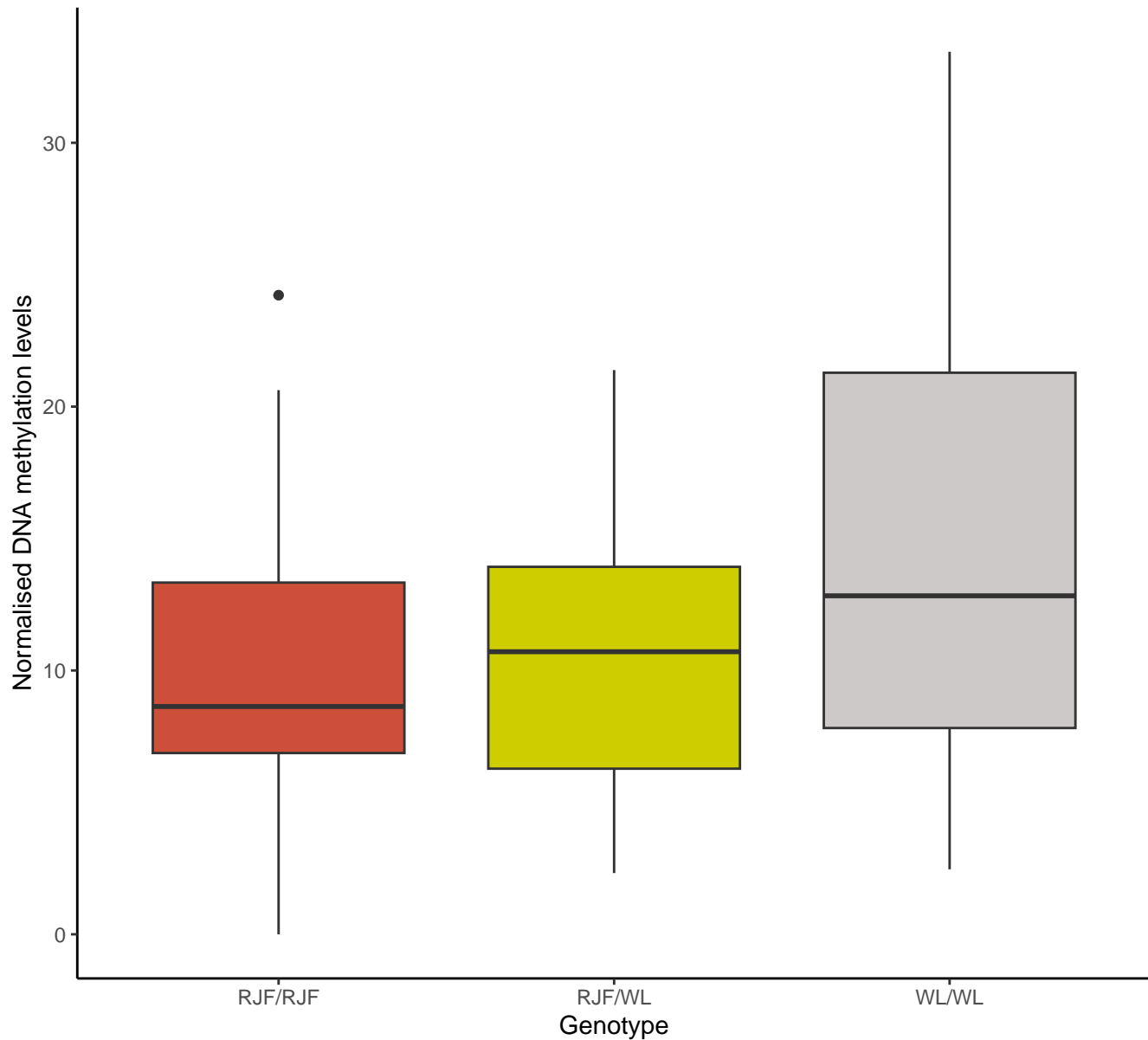
CI: chr3:181–270.84cM



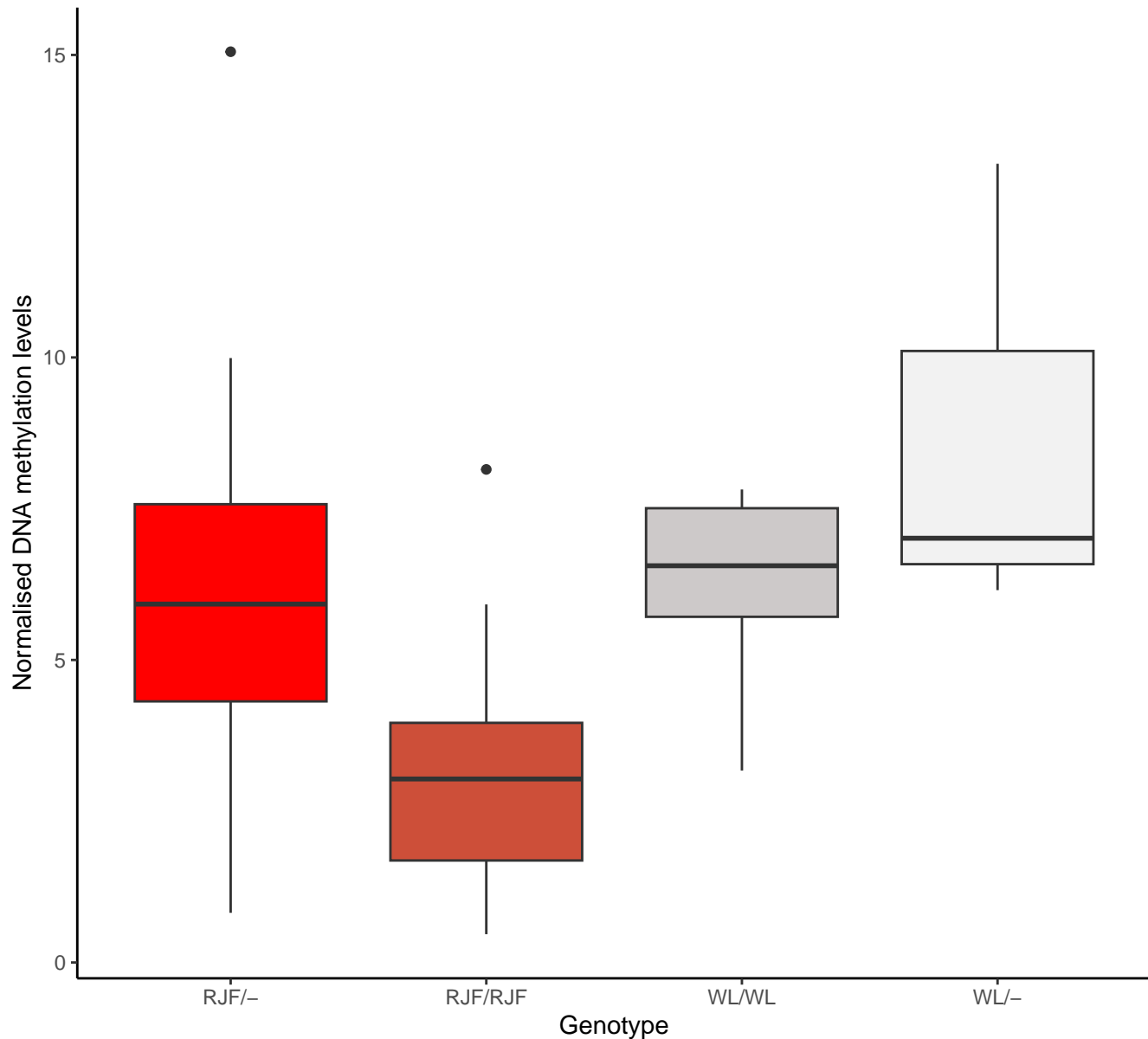
trans mQTL | chr3@219cM | LOD: 9.1
Methbin: chrZ_81997000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



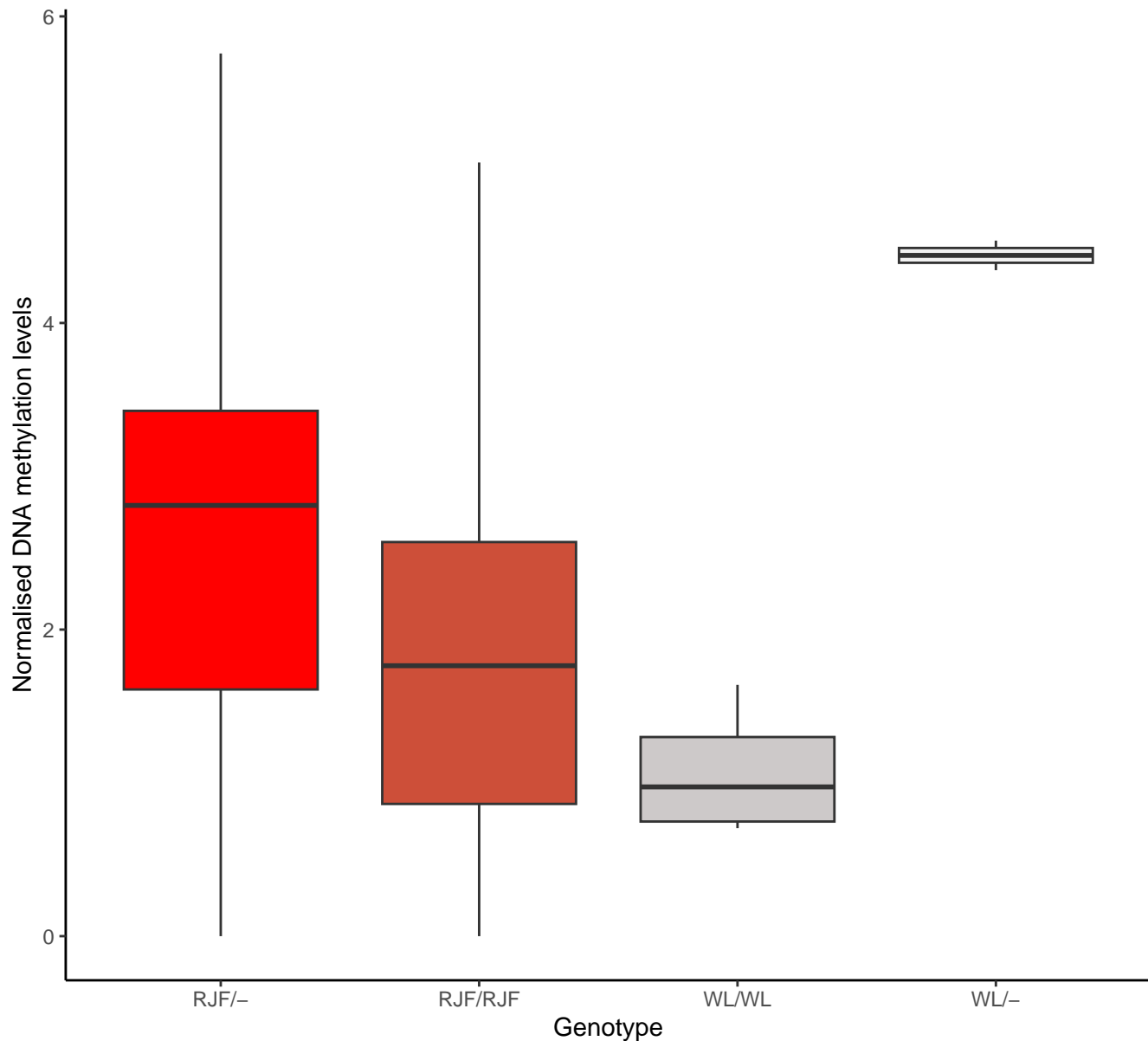
trans mQTL | chr3@219cM | LOD: 5.95
Methbin: chrZ_82018000 | marker:Gg_rs15282380
CI: chr3:181–270.84cM



cis mQTL | chrX@337cM | LOD: 3.98
Methbin: chrZ_8007000 | marker:Gg_rs16131926
CI: chrX:66.27–353.15cM



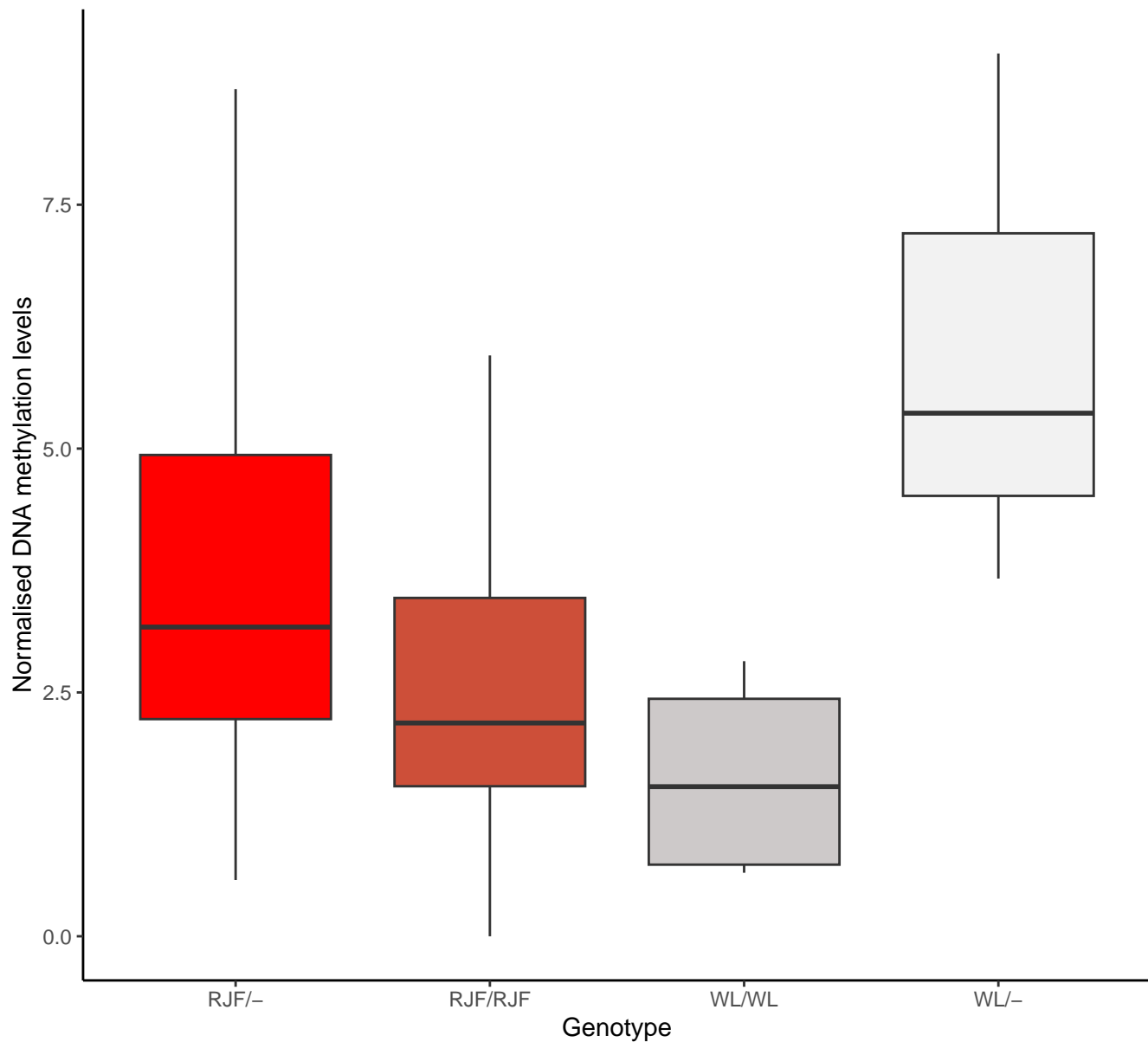
cis mQTL | chrX@317.15cM | LOD: 3.82
Methbin: chrZ_24776000 | marker:Gg_rs16768340
CI: chrX:227.36–408.11cM



cis mQTL | chrX@351cM | LOD: 4.5

Methbin: chrZ_25866000 | marker:GG_rs14016786

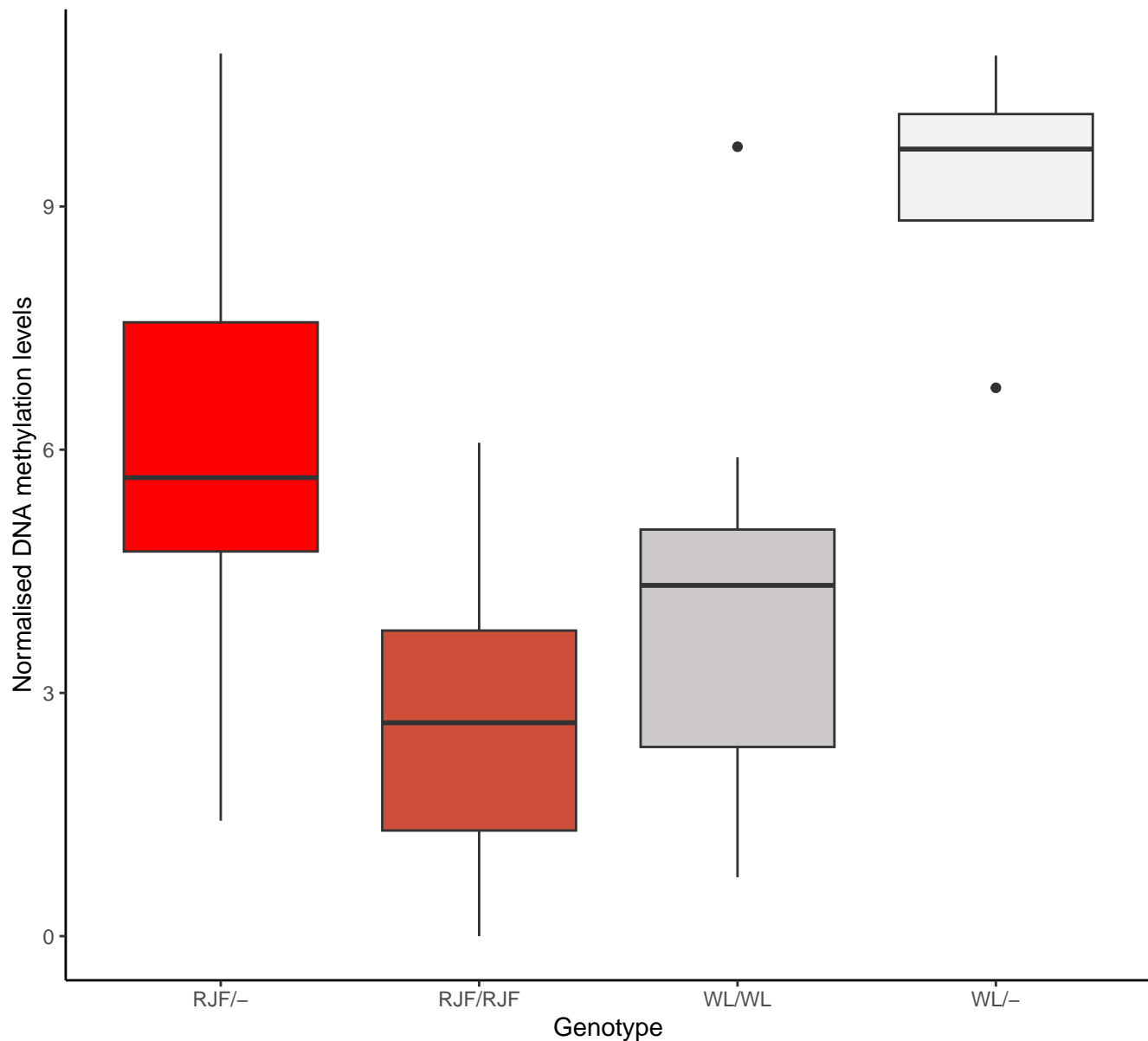
CI: chrX:227.36–408.11cM



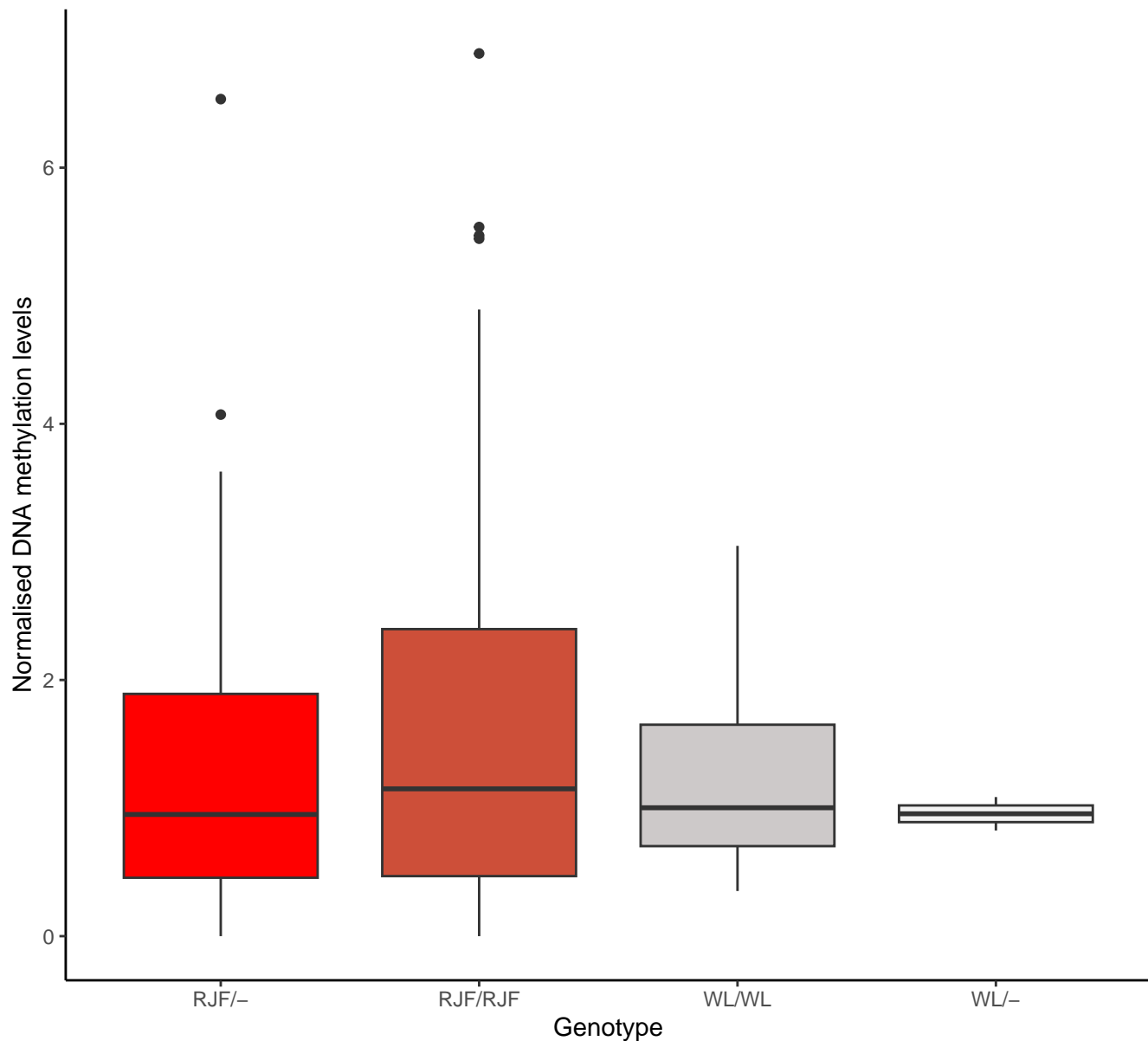
cis mQTL | chrX@302cM | LOD: 4.1

Methbin: chrZ_28042000 | marker:Gg_rs16110306

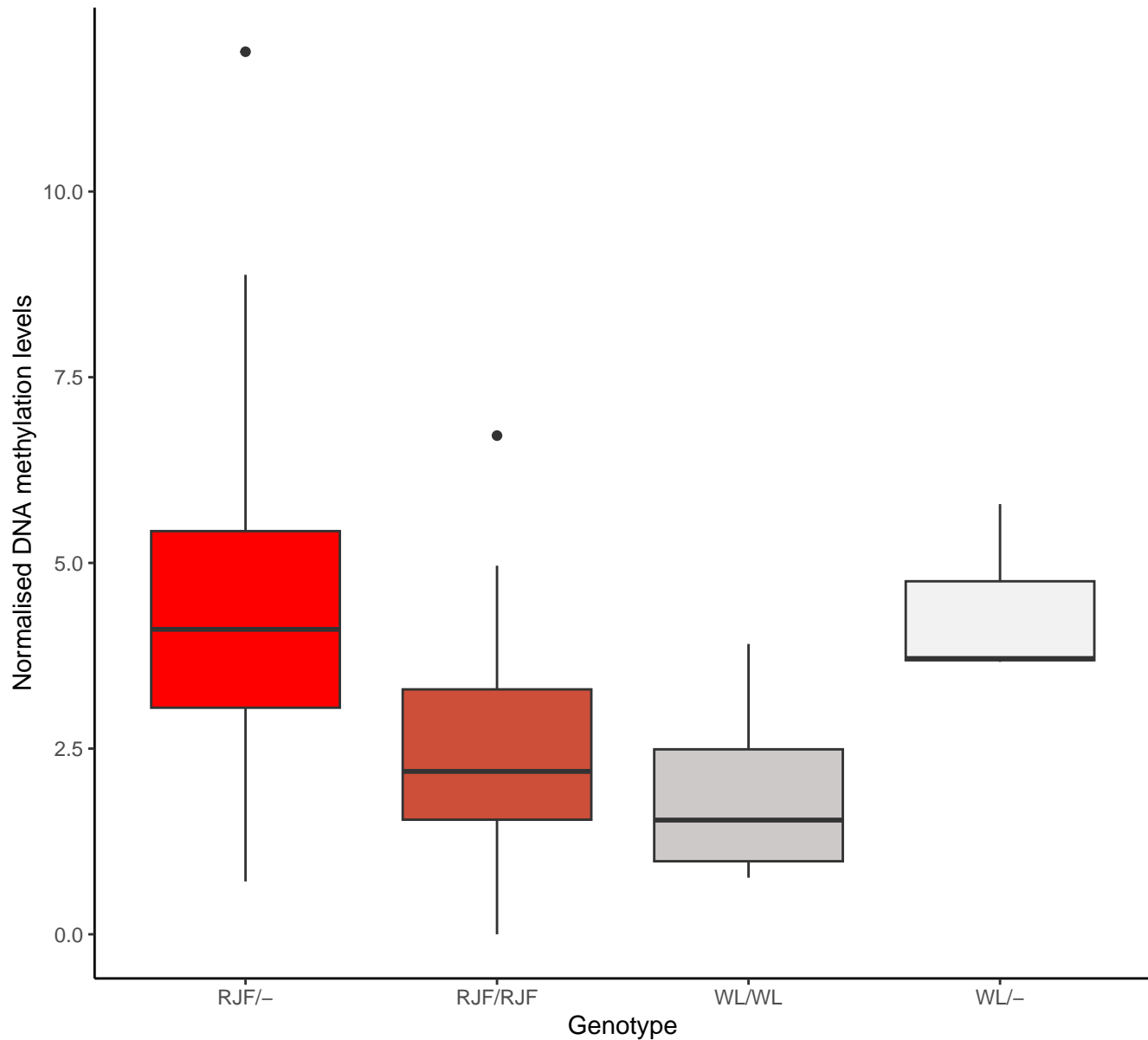
CI: chrX:227.36–335.14cM



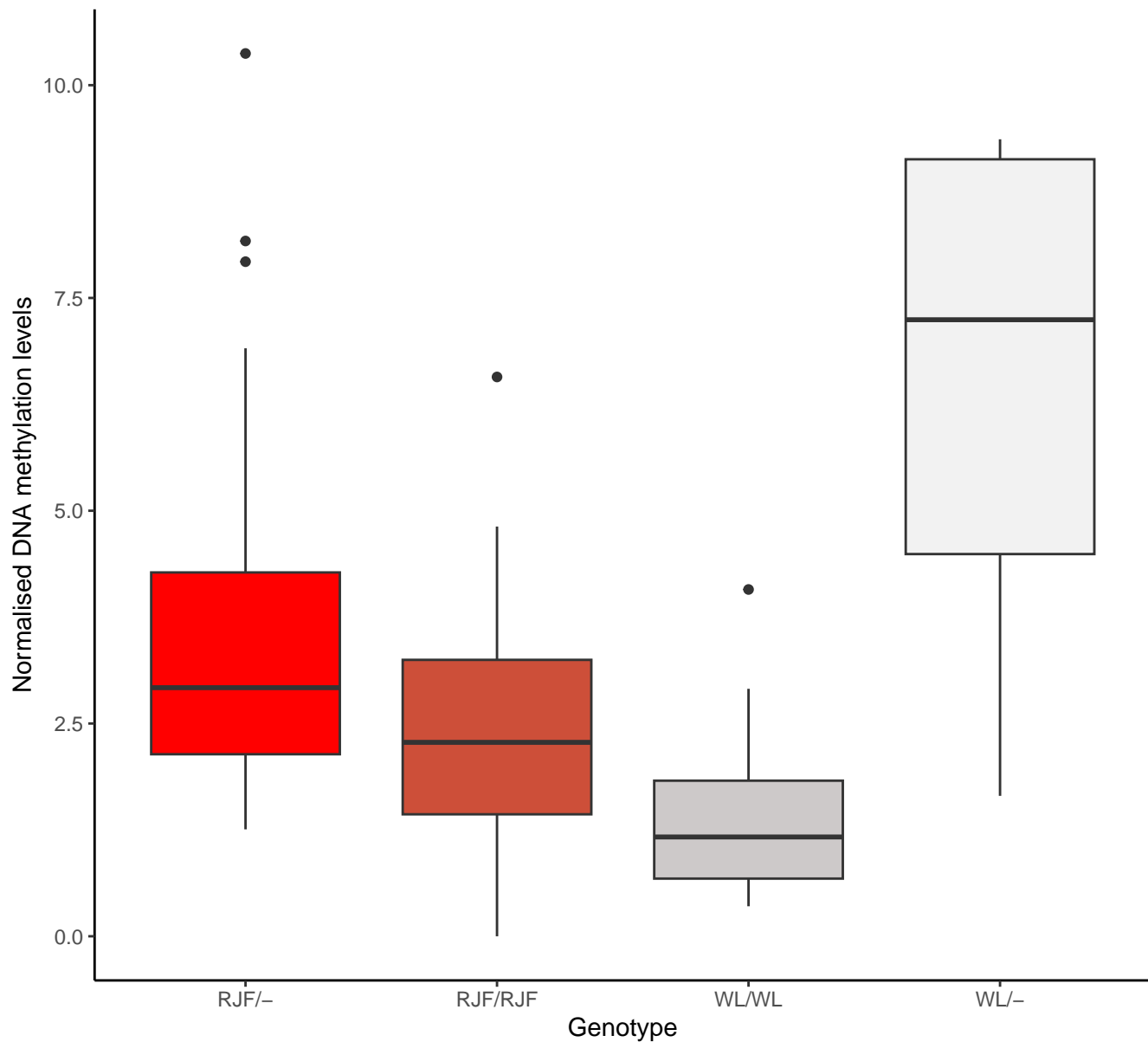
cis mQTL | chrX@327cM | LOD: 4.03
Methbin: chrZ_29446000 | marker:Gg_rs16131926
CI: chrX:0–335.14cM



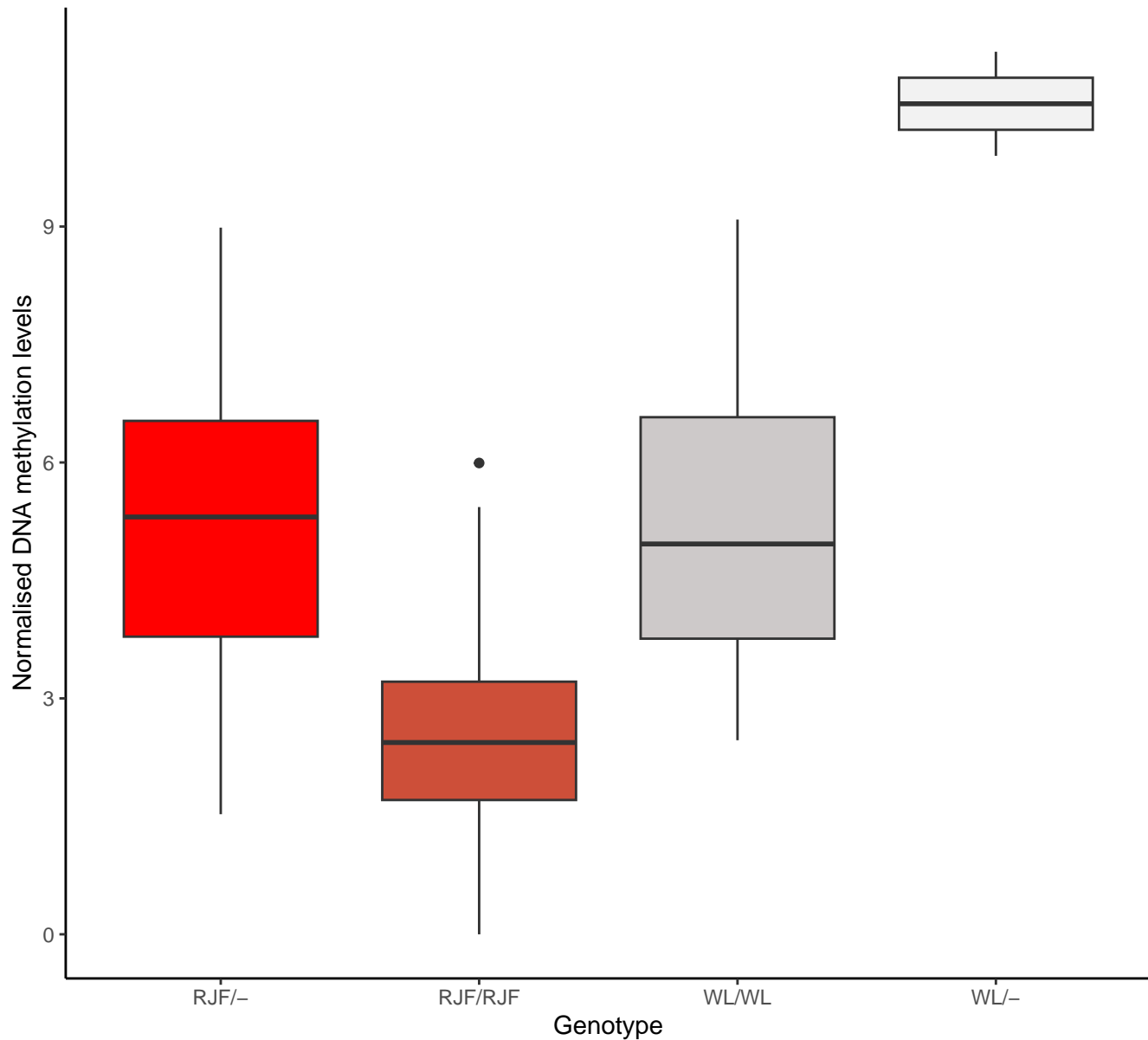
cis mQTL | chrX@351cM | LOD: 3.96
Methbin: chrZ_35074000 | marker:GG_rs14016786
CI: chrX:146.67–353.15cM



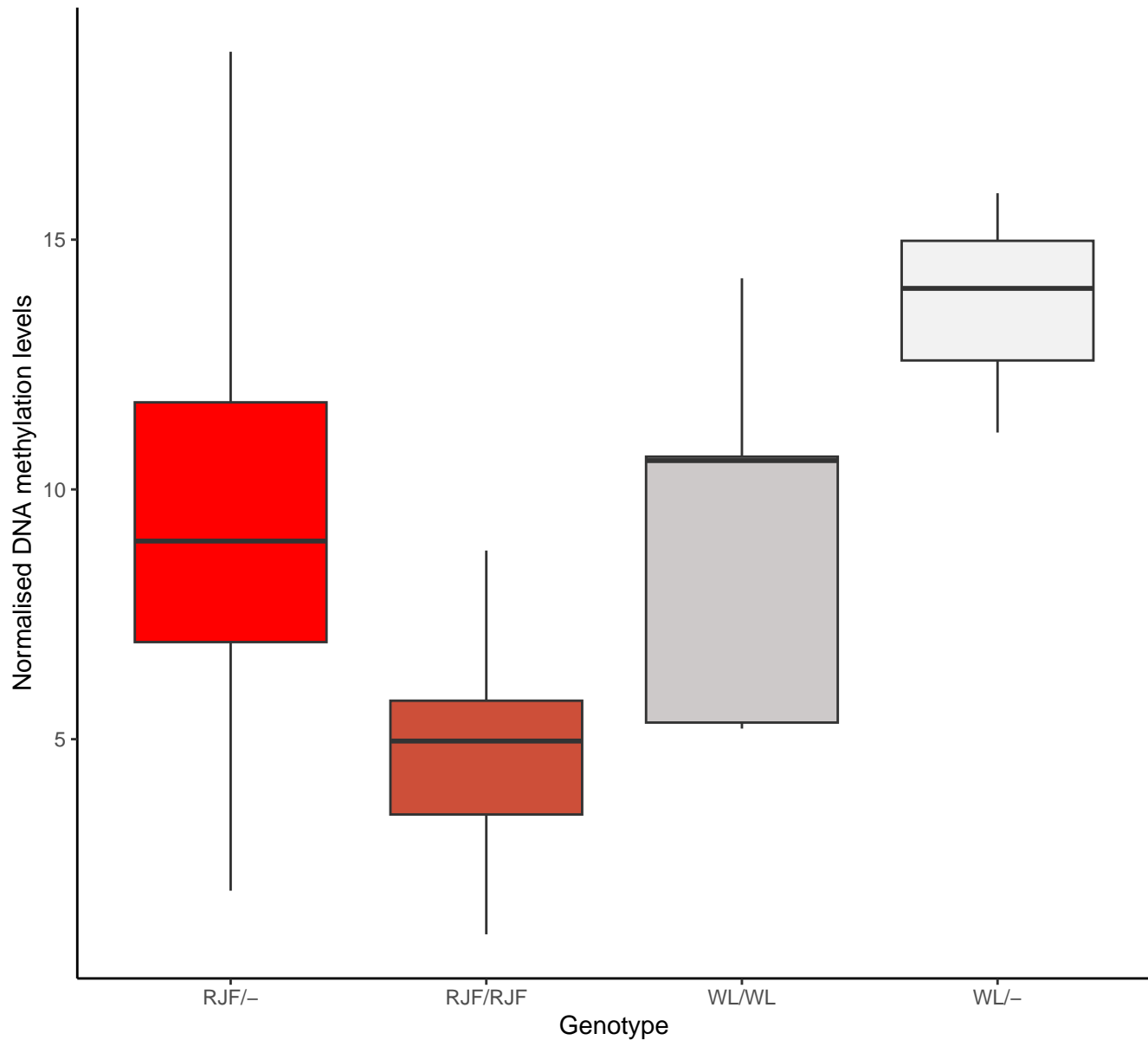
cis mQTL | chrX@301.72cM | LOD: 3.62
Methbin: chrZ_36246000 | marker:Gg_rs16110306
CI: chrX:100.15–454.29cM



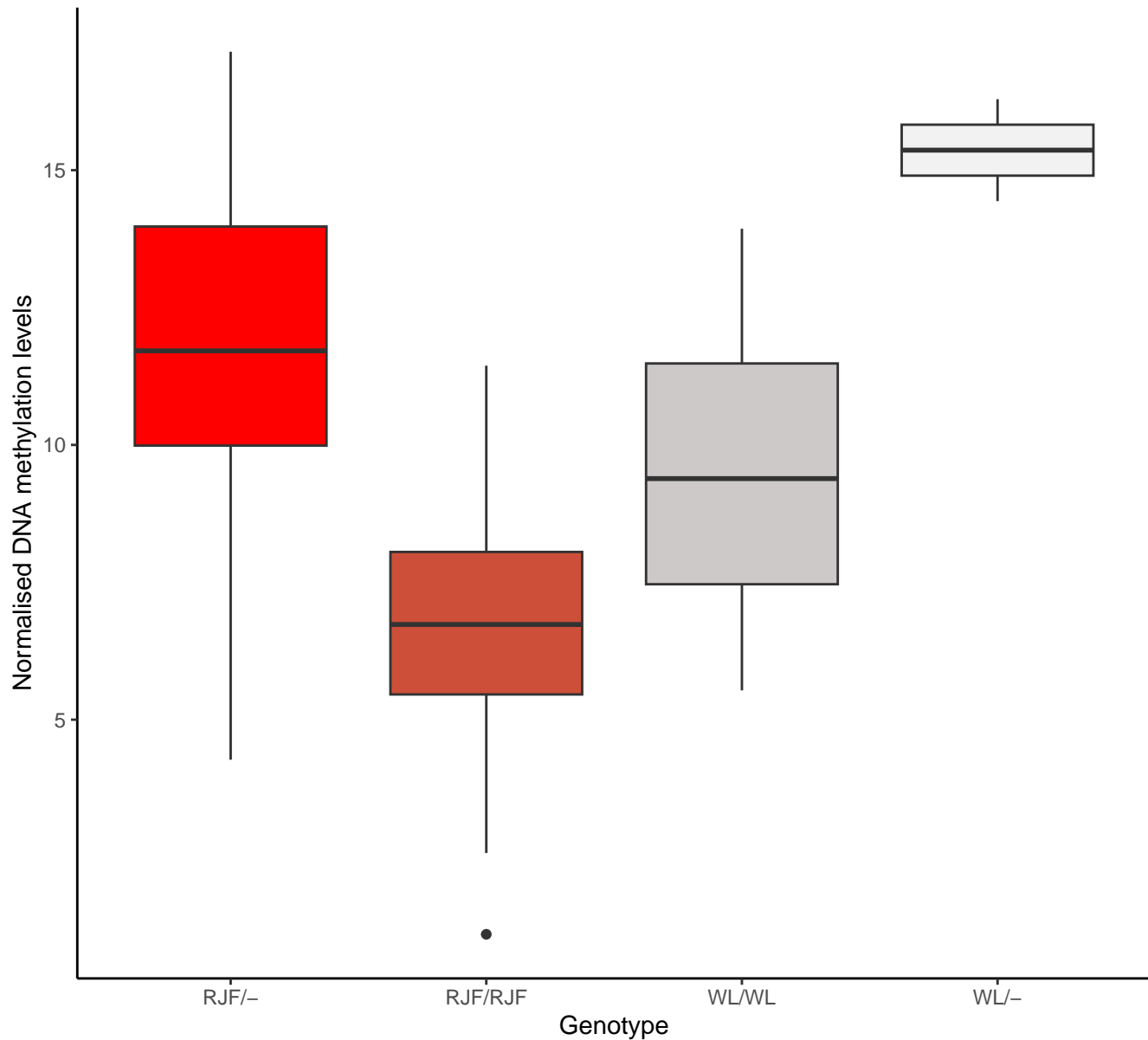
cis mQTL | chrX@319cM | LOD: 3.65
Methbin: chrZ_36981000 | marker:Gg_rs16768340
CI: chrX:301.72–348.56cM



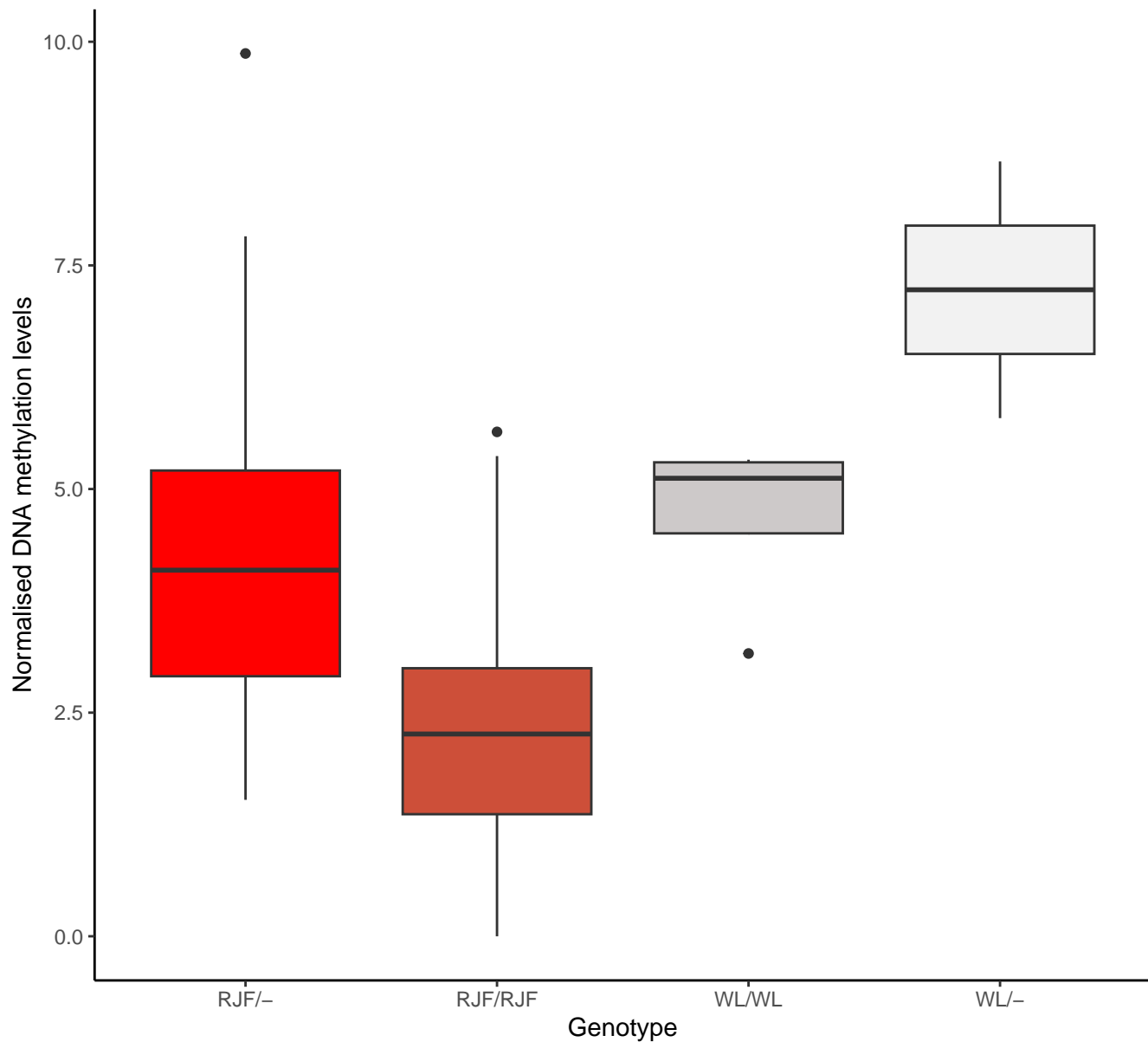
cis mQTL | chrX@334cM | LOD: 4.01
Methbin: chrZ_37105000 | marker:Gg_rs16131926
CI: chrX:301.72–353.15cM



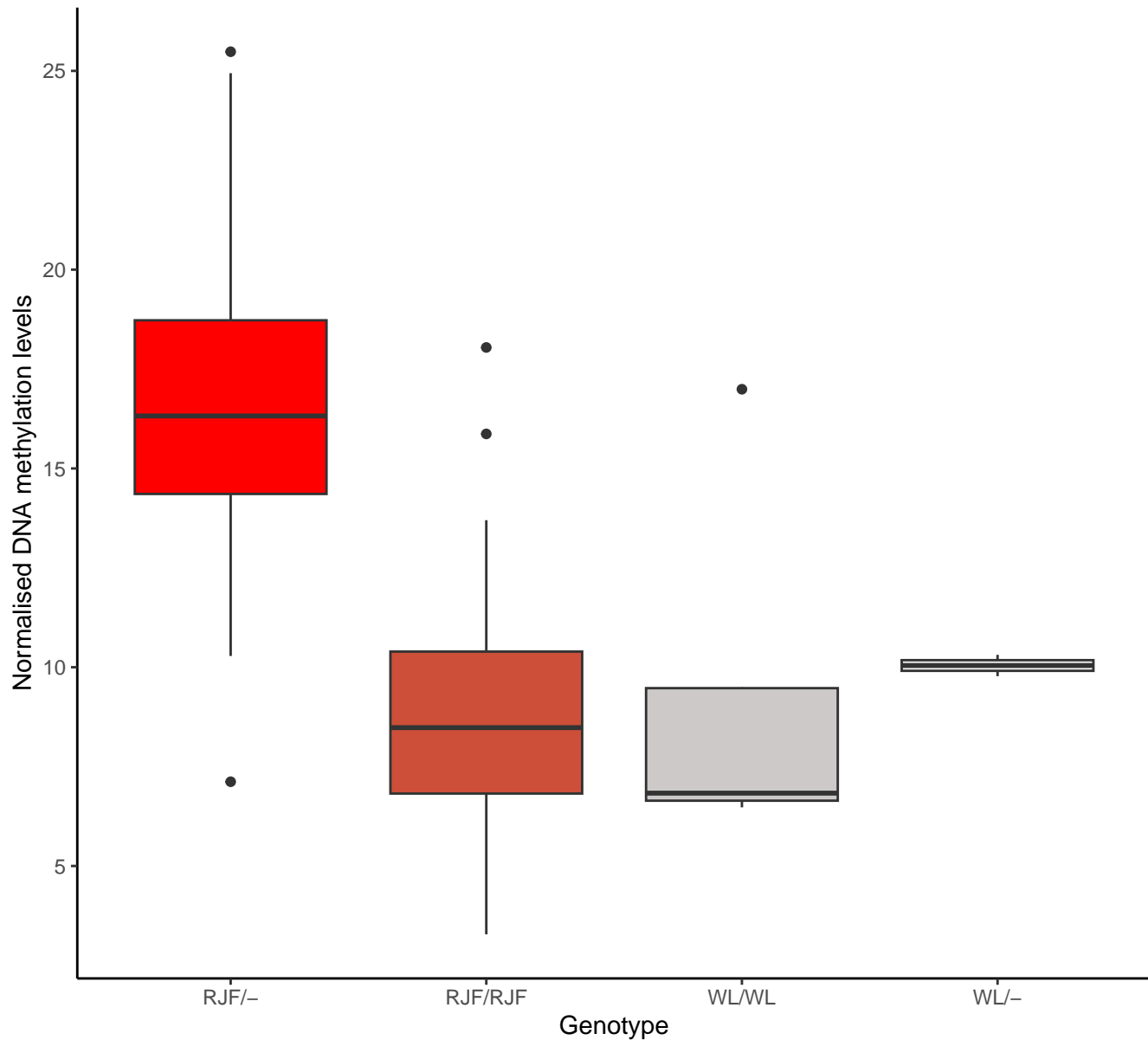
cis mQTL | chrX@321cM | LOD: 4.28
Methbin: chrZ_37266000 | marker:Gg_rs16768340
CI: chrX:301.72–348.56cM



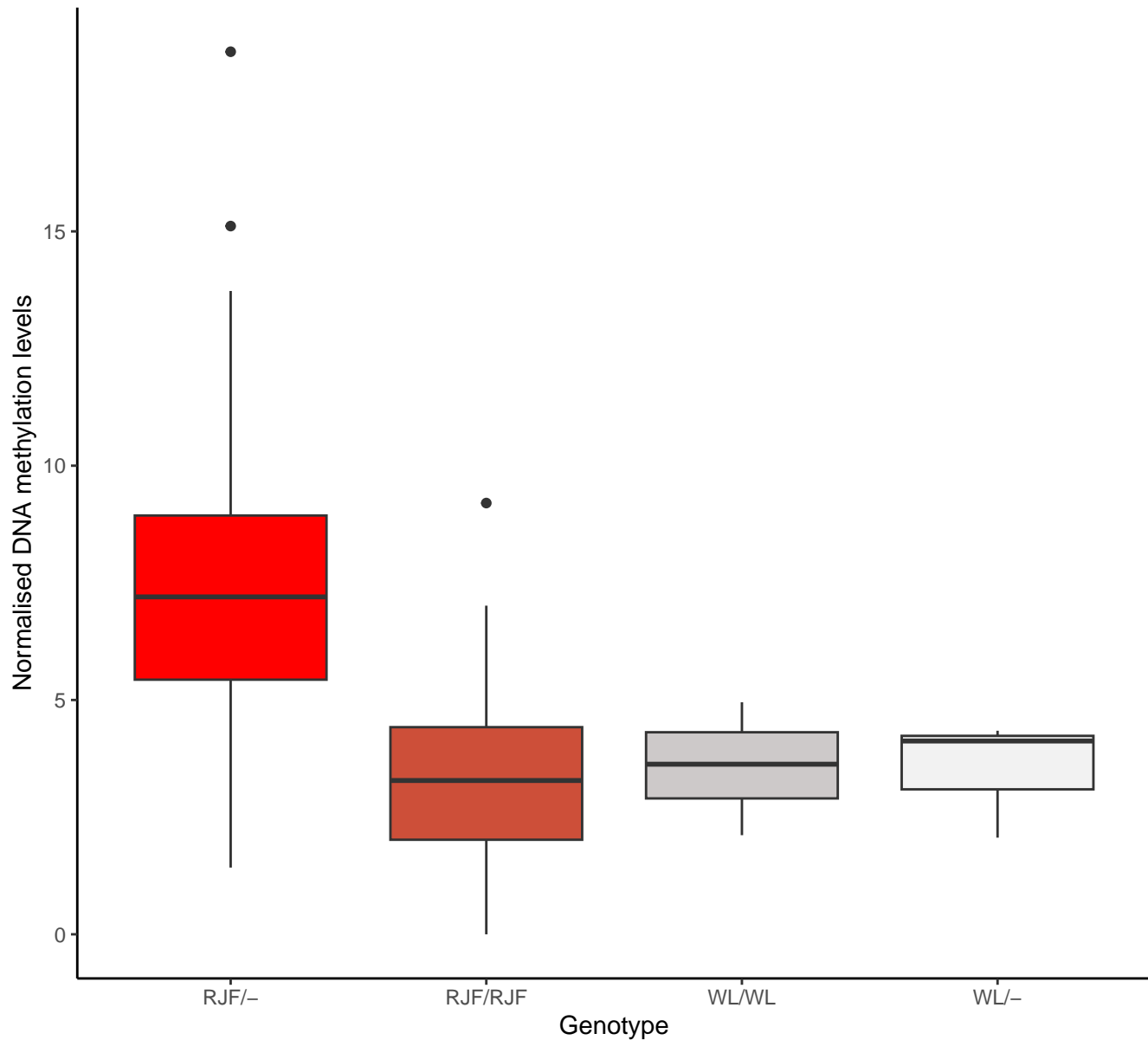
cis mQTL | chrX@320cM | LOD: 5.51
Methbin: chrZ_37875000 | marker:Gg_rs16768340
CI: chrX:301.72–335.14cM



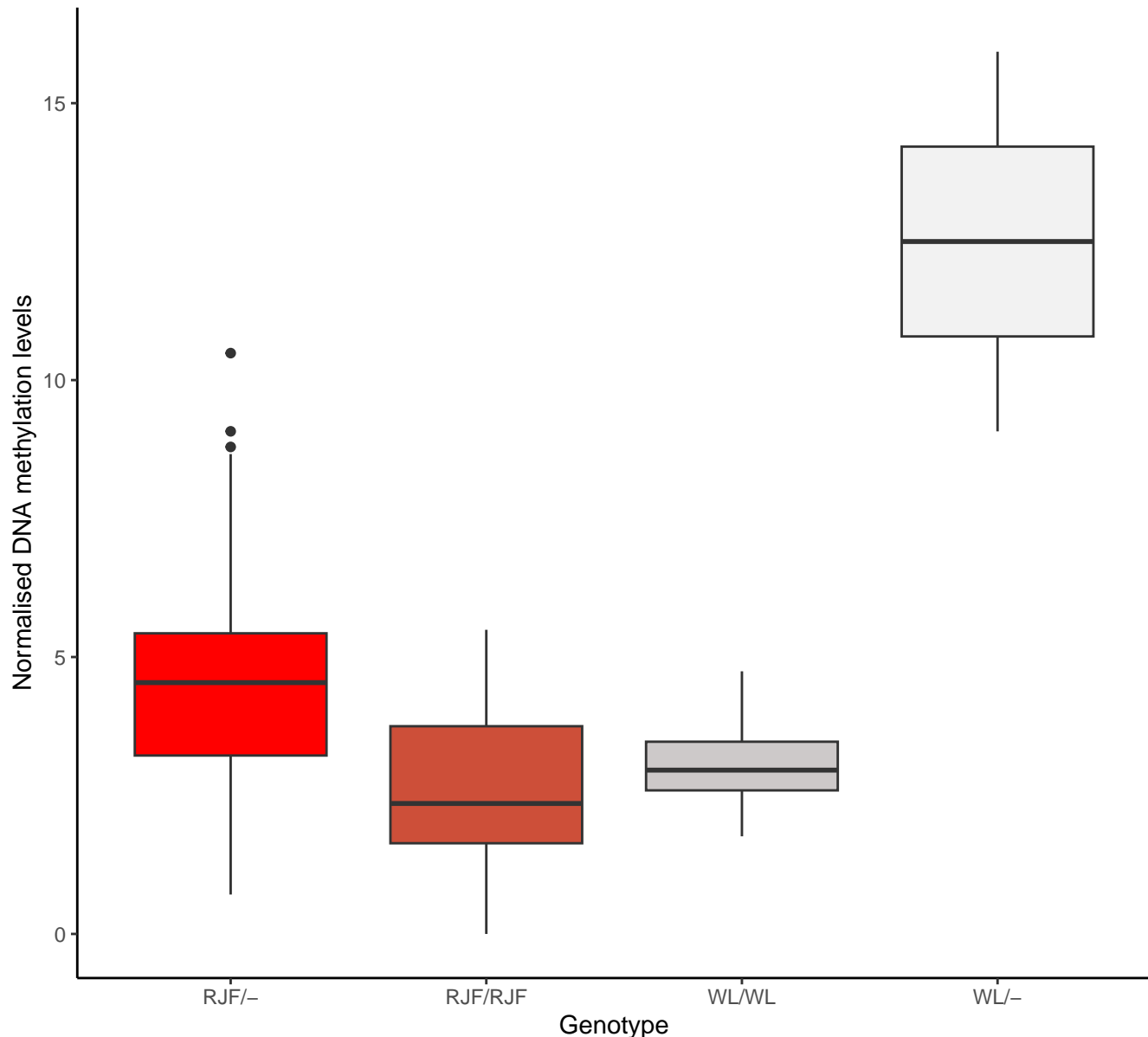
cis mQTL | chrX@321cM | LOD: 4.08
Methbin: chrZ_37974000 | marker:Gg_rs16768340
CI: chrX:0–344.27cM



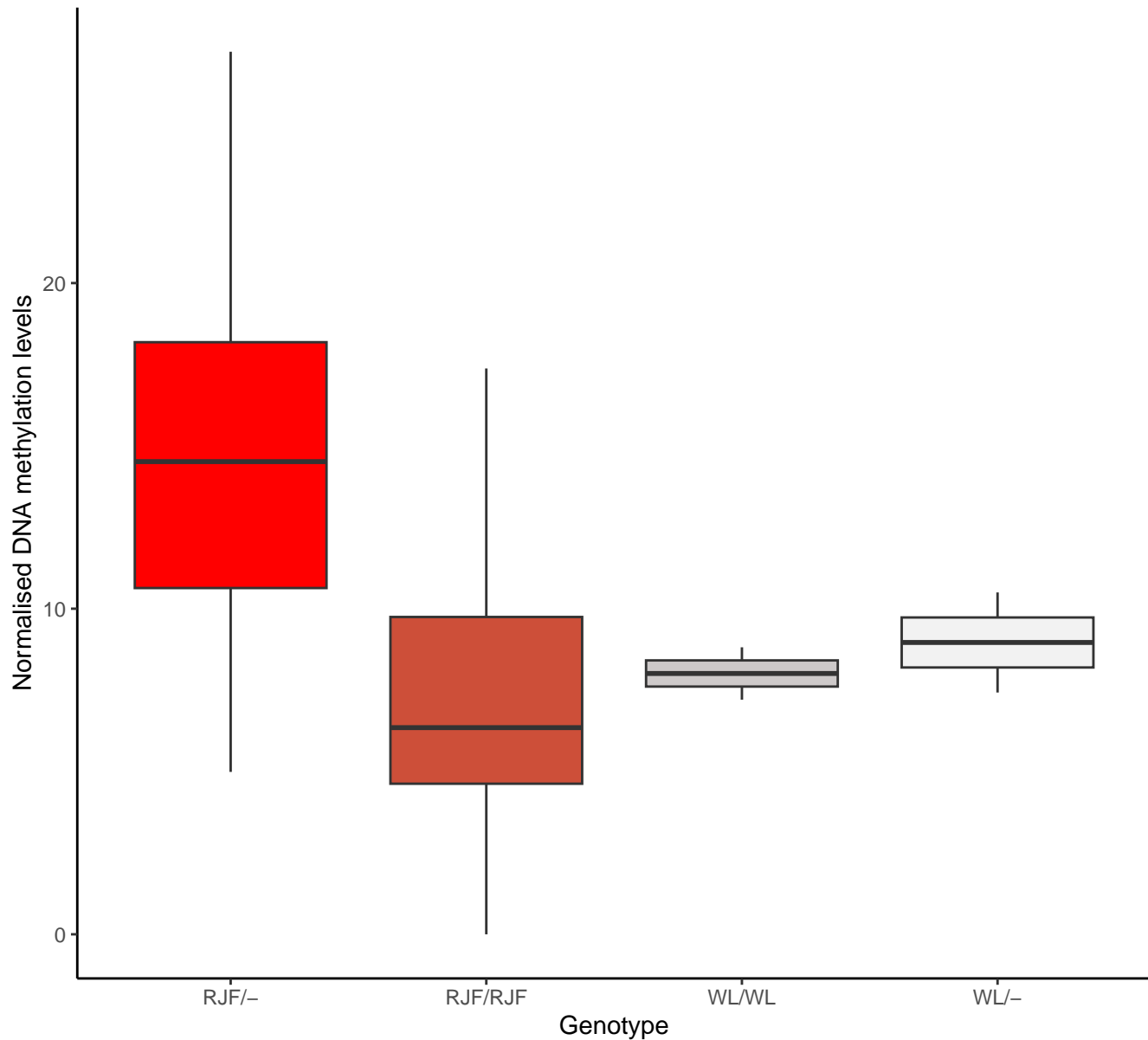
cis mQTL | chrX@333cM | LOD: 3.95
Methbin: chrZ_38155000 | marker:Gg_rs16131926
CI: chrX:0-477.07cM



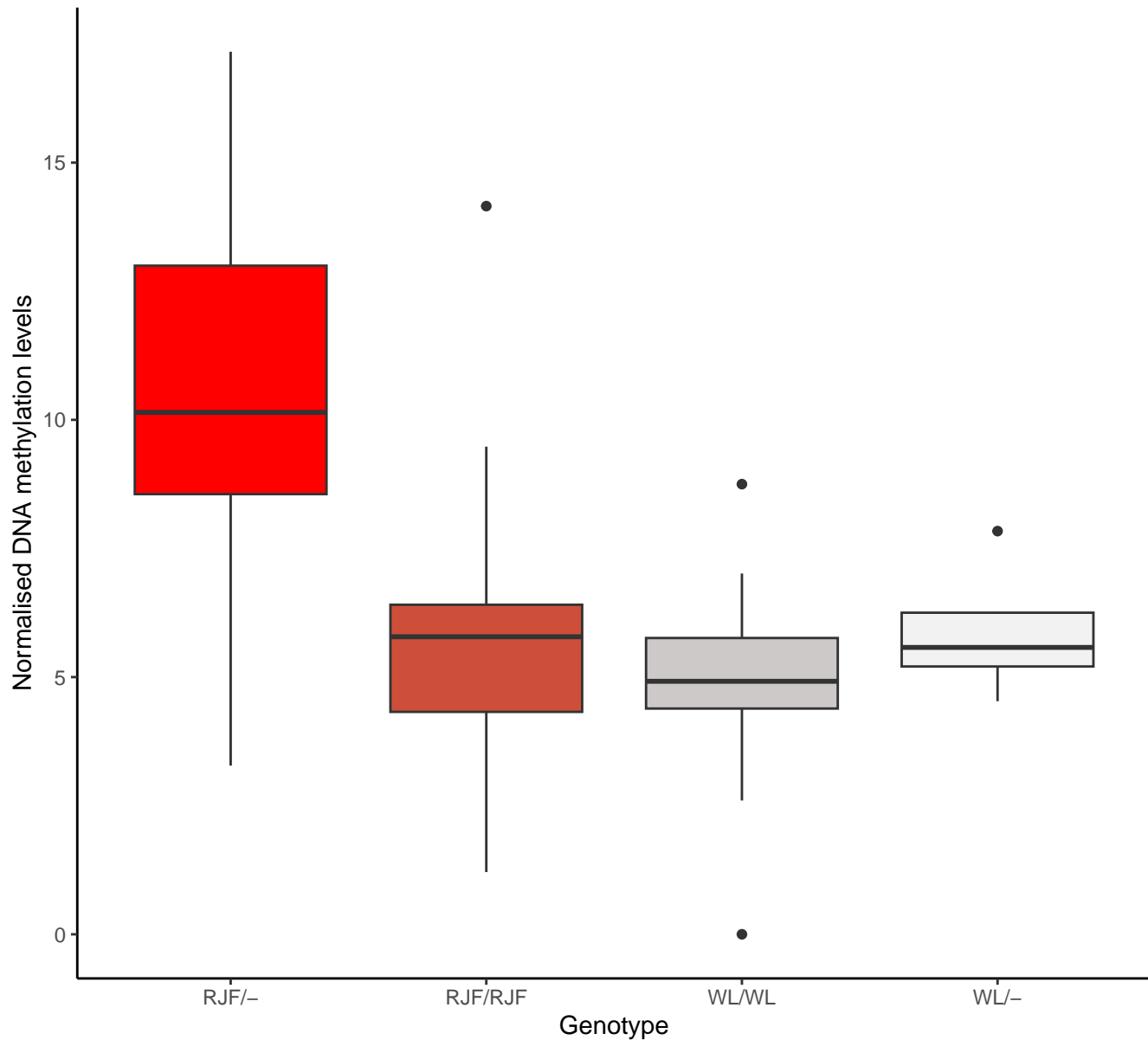
cis mQTL | chrX@320cM | LOD: 4.29
Methbin: chrZ_39390000 | marker:Gg_rs16768340
CI: chrX:301.72–408.11cM



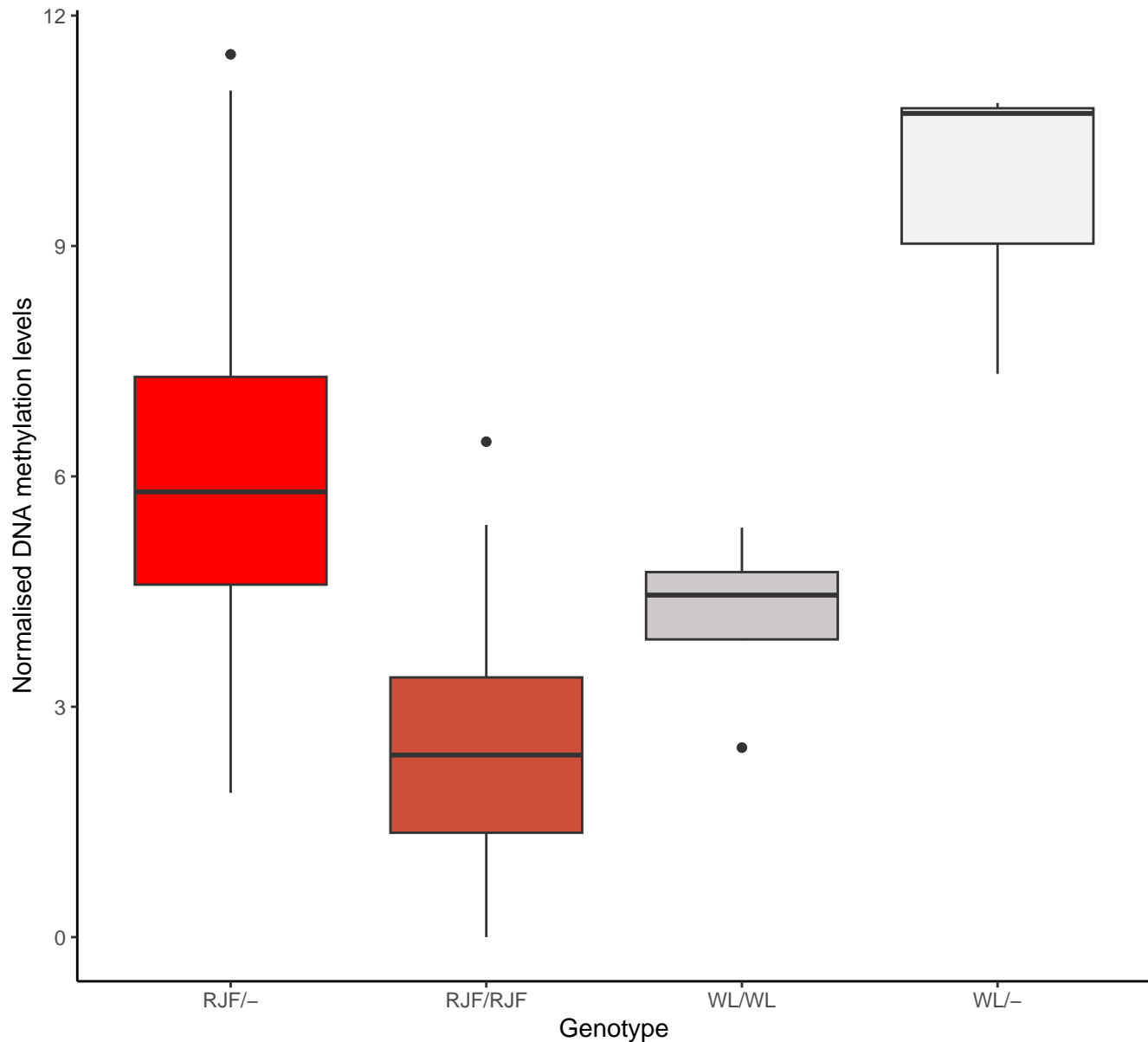
cis mQTL | chrX@363cM | LOD: 3.58
Methbin: chrZ_39884000 | marker:Gg_rs16114279
CI: chrX:0-408.11cM



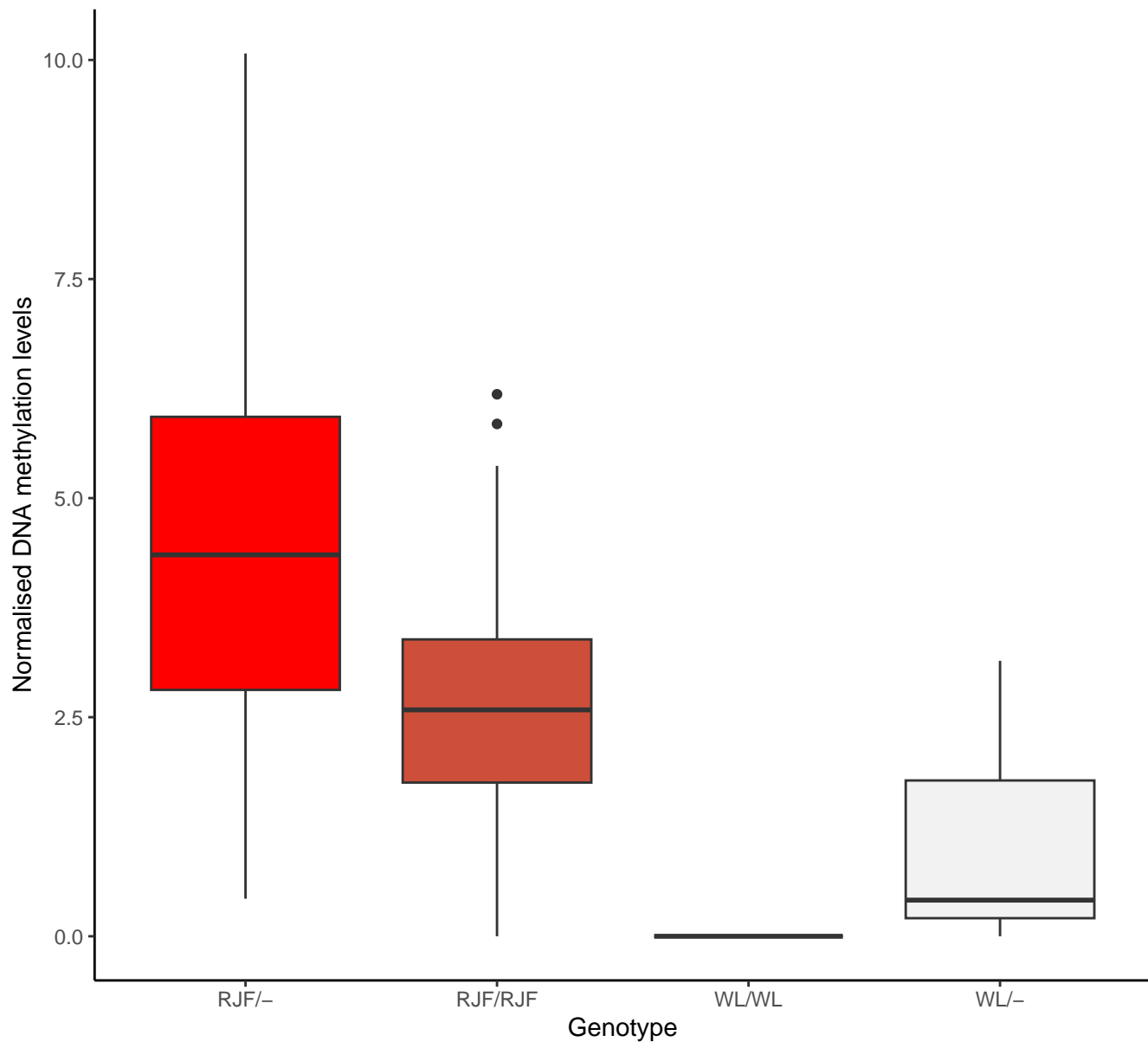
cis mQTL | chrX@302cM | LOD: 4.57
Methbin: chrZ_41597000 | marker:Gg_rs16110306
CI: chrX:282.51–344.27cM



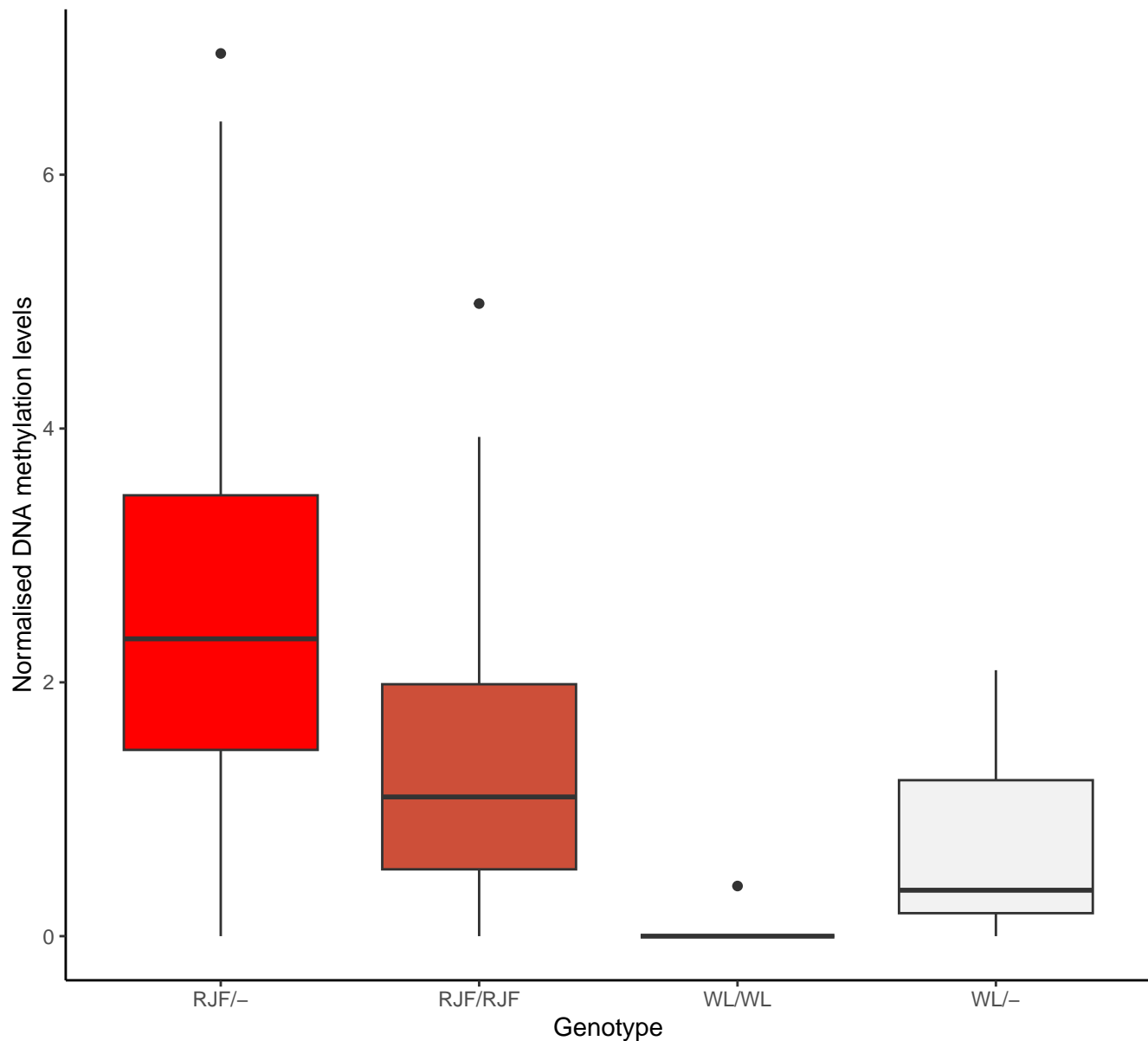
cis mQTL | chrX@346cM | LOD: 3.69
Methbin: chrZ_41613000 | marker:GG_rs16782623
CI: chrX:317.15–360.02cM



cis mQTL | chrX@344.27cM | LOD: 6.16
Methbin: chrZ_43720000 | marker:GG_rs16782623
CI: chrX:317.15–353.15cM



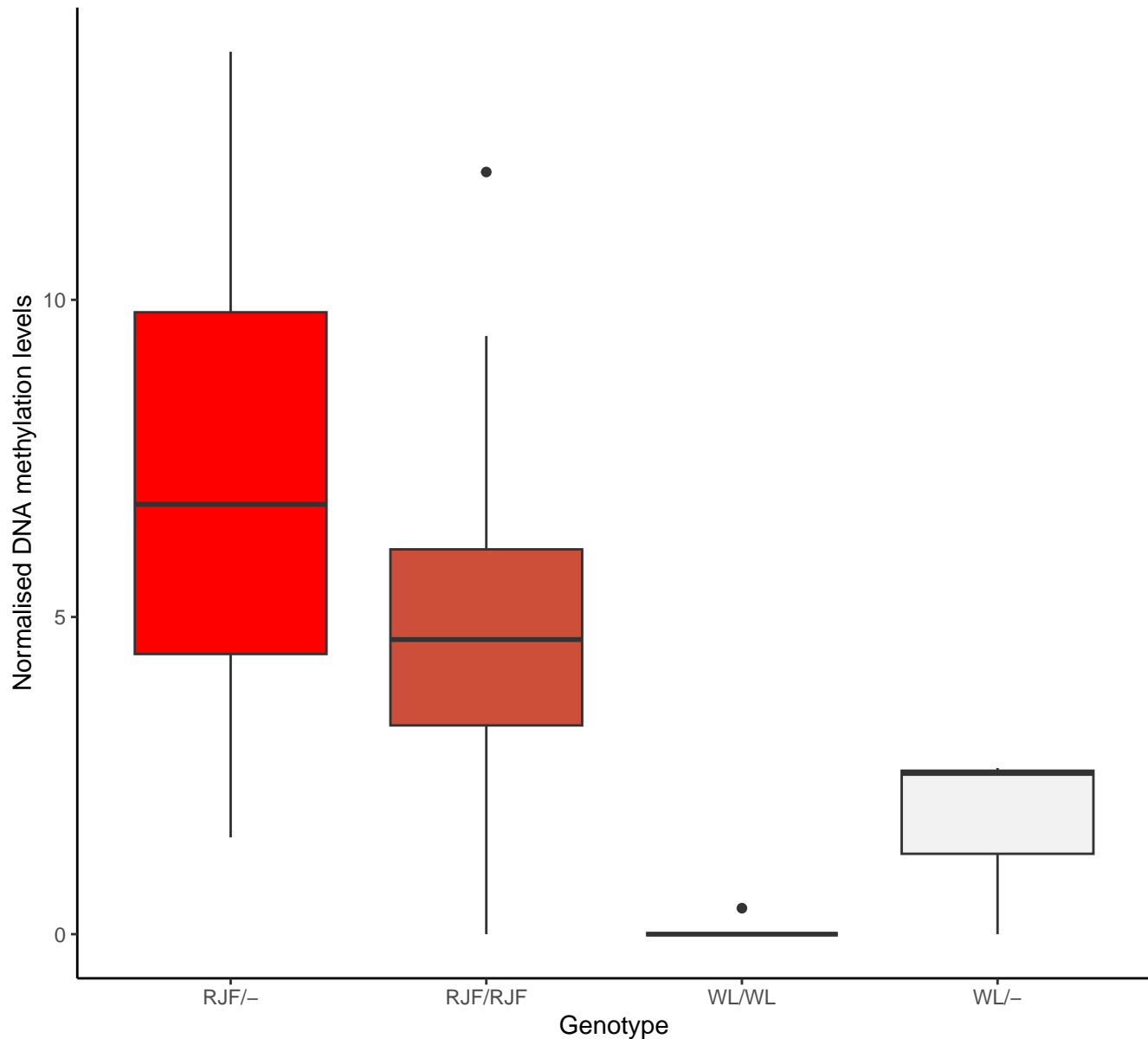
cis mQTL | chrX@344.27cM | LOD: 4.49
Methbin: chrZ_43721000 | marker:GG_rs16782623
CI: chrX:301.72–360.02cM



cis mQTL | chrX@344.27cM | LOD: 7.59

Methbin: chrZ_43860000 | marker:GG_rs16782623

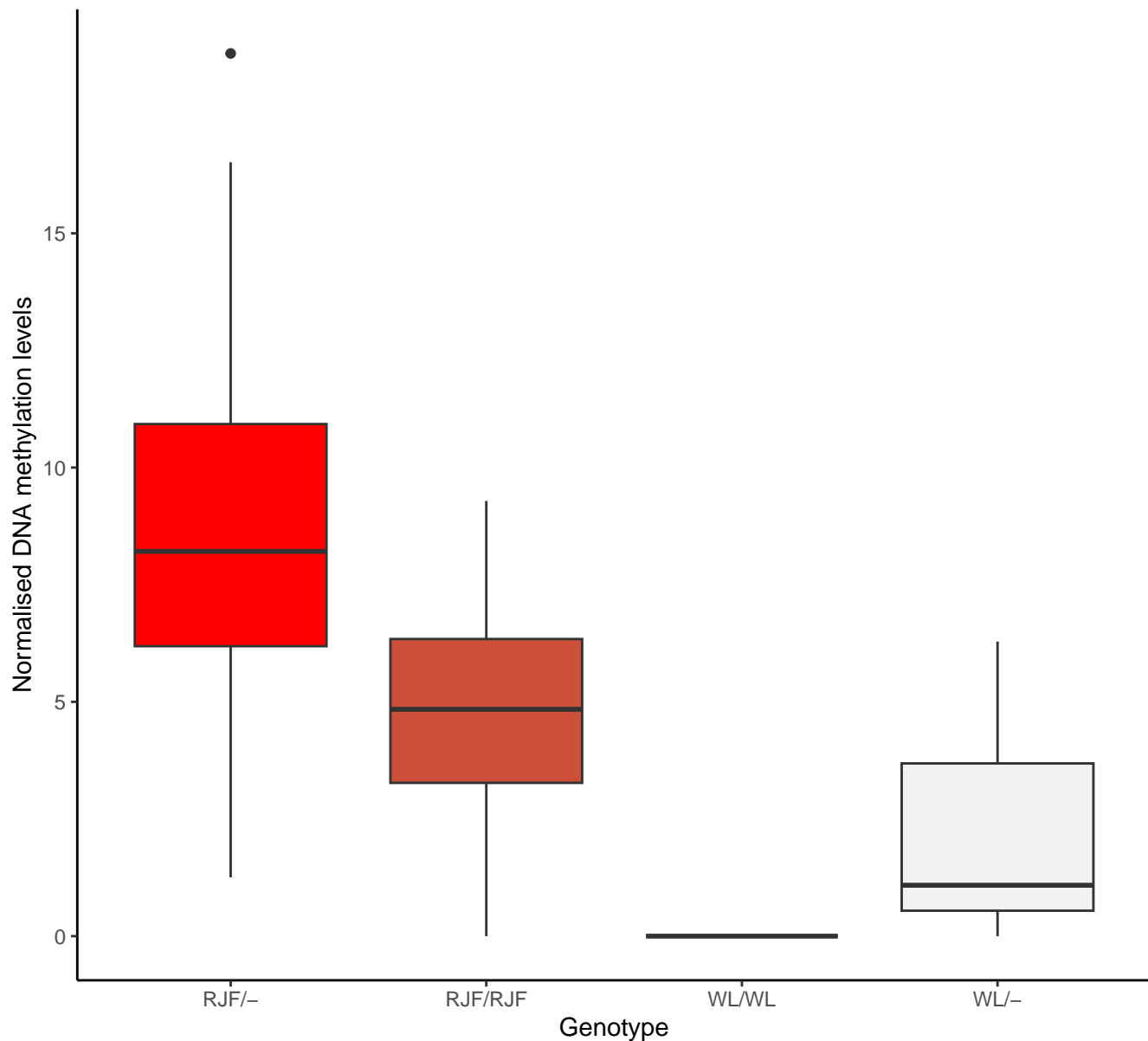
CI: chrX:335.14–353.15cM



cis mQTL | chrX@344.27cM | LOD: 8.52

Methbin: chrZ_43861000 | marker:GG_rs16782623

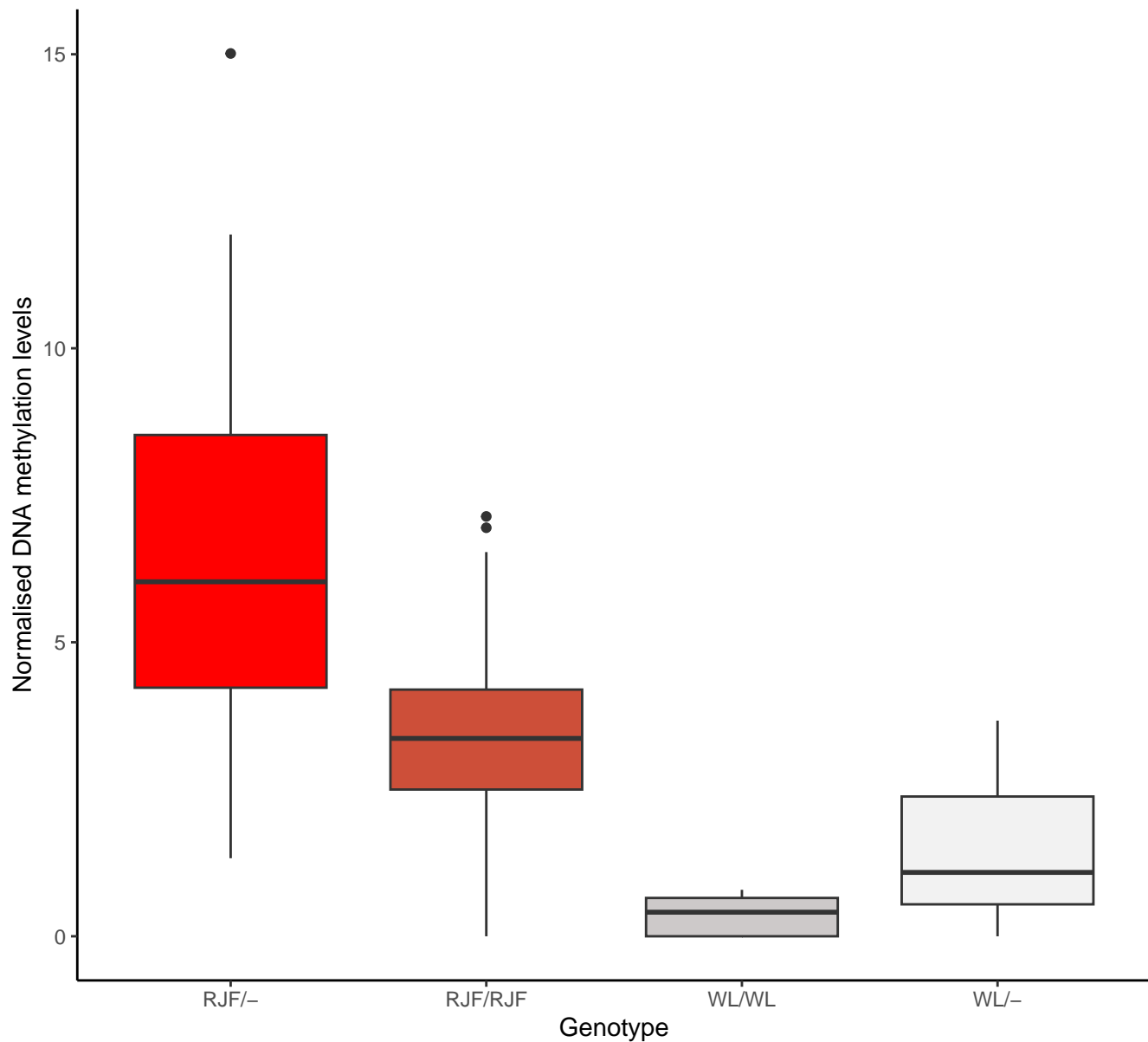
CI: chrX:335.14–348.56cM



cis mQTL | chrX@344.27cM | LOD: 7.21

Methbin: chrZ_43862000 | marker:GG_rs16782623

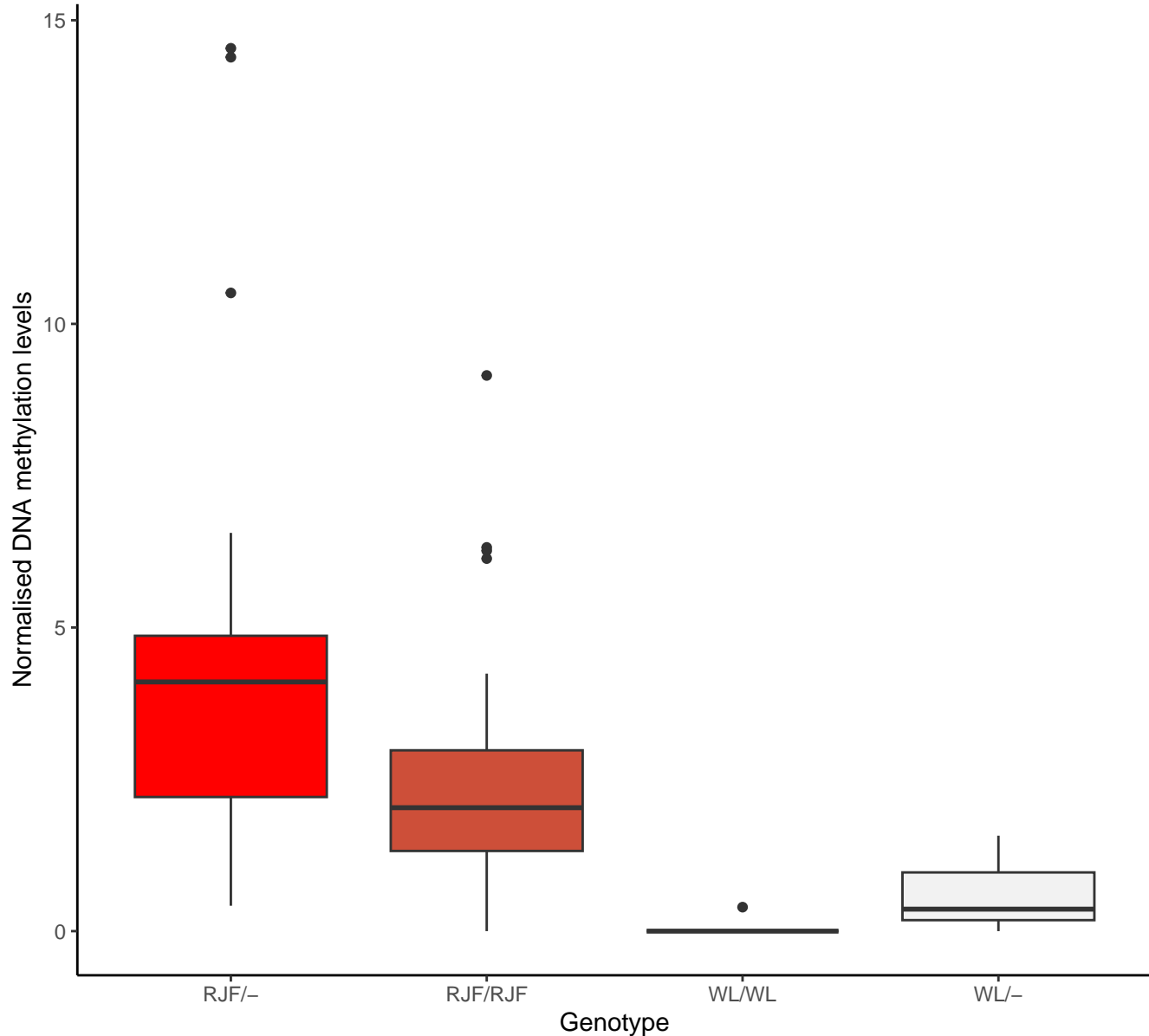
CI: chrX:0–353.15cM



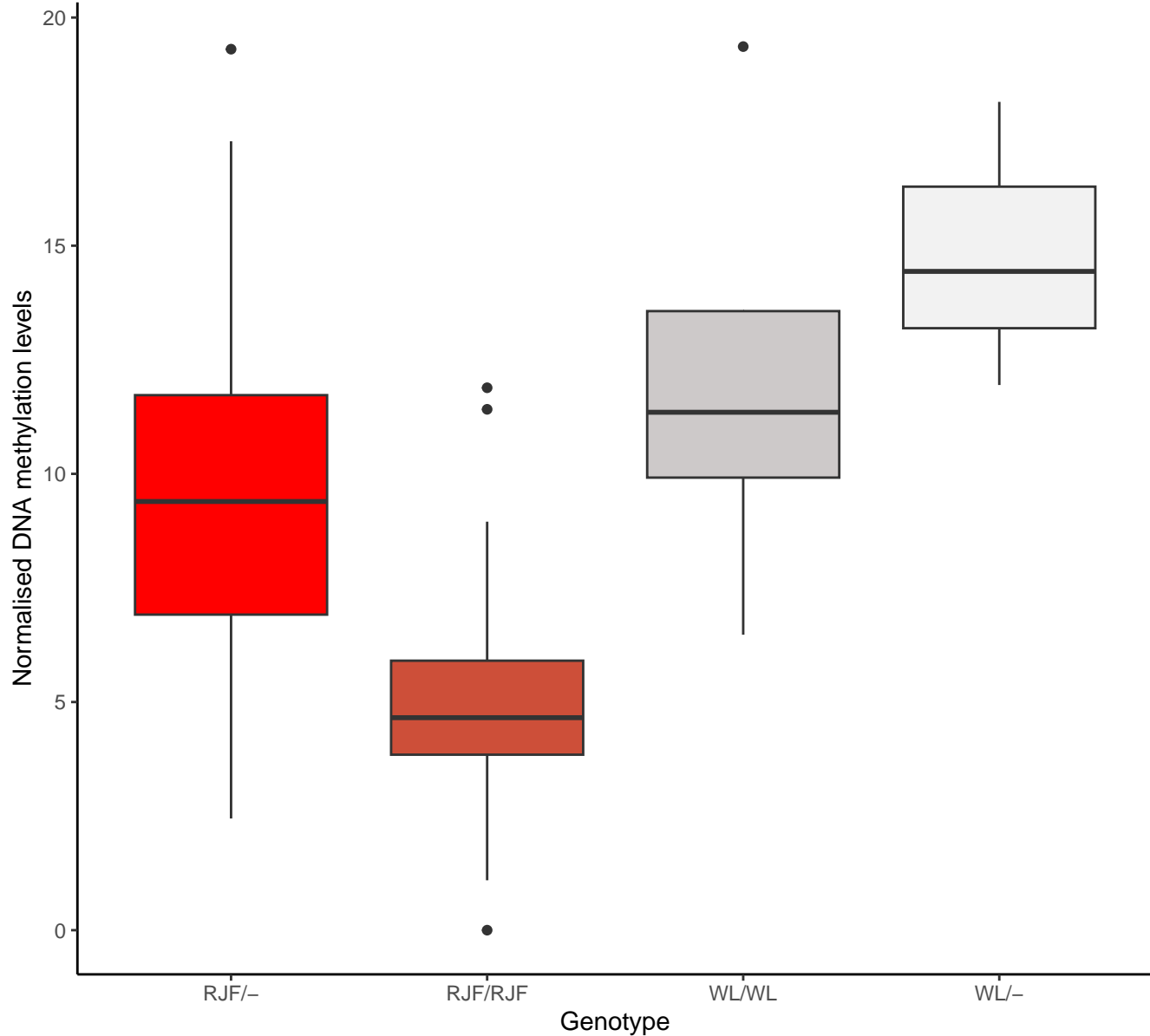
cis mQTL | chrX@344.27cM | LOD: 4.19

Methbin: chrZ_43863000 | marker:GG_rs16782623

CI: chrX:0-408.11cM



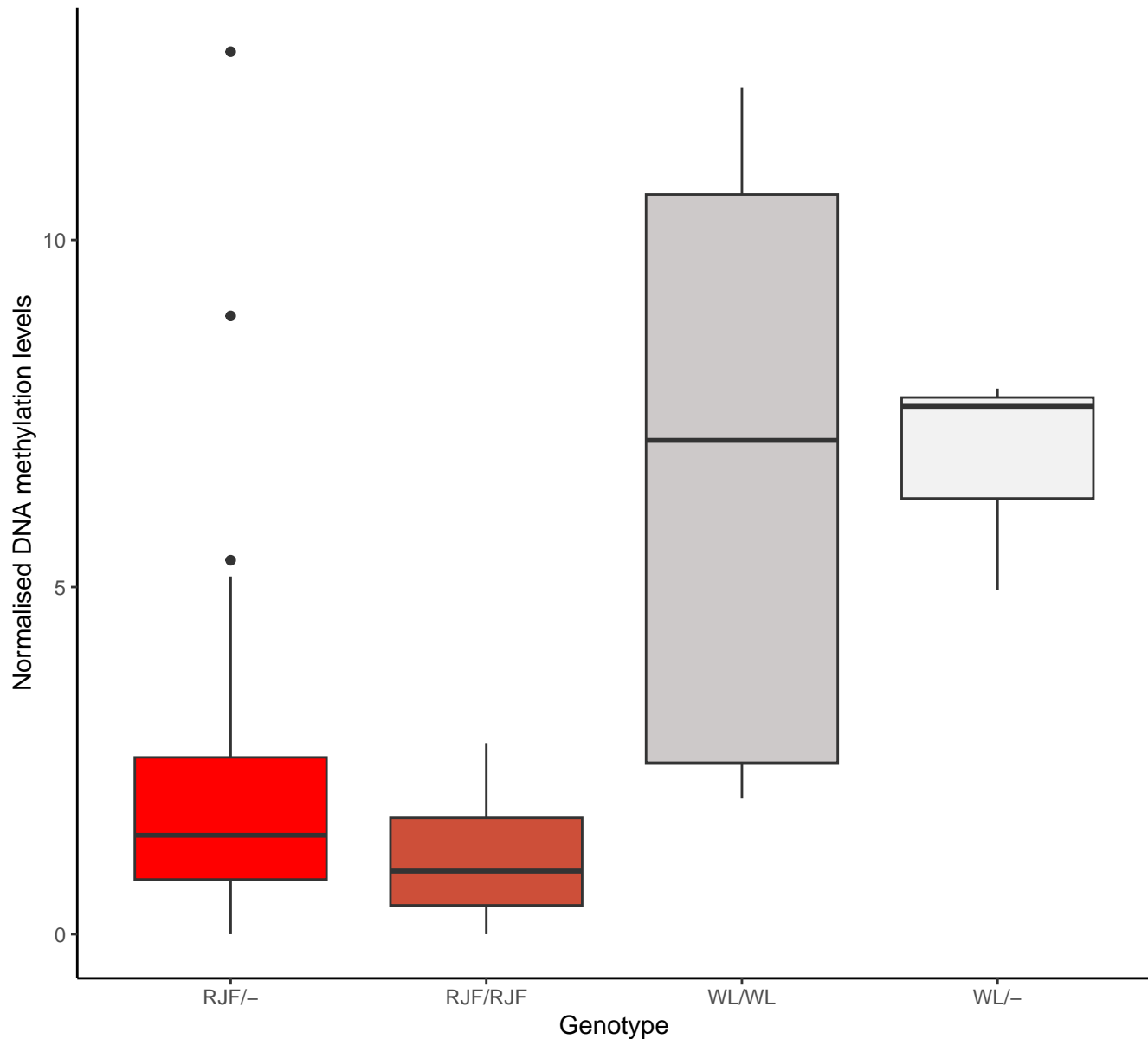
cis mQTL | chrX@333cM | LOD: 4.29
Methbin: chrZ_44389000 | marker:Gg_rs16131926
CI: chrX:301.72–353.15cM



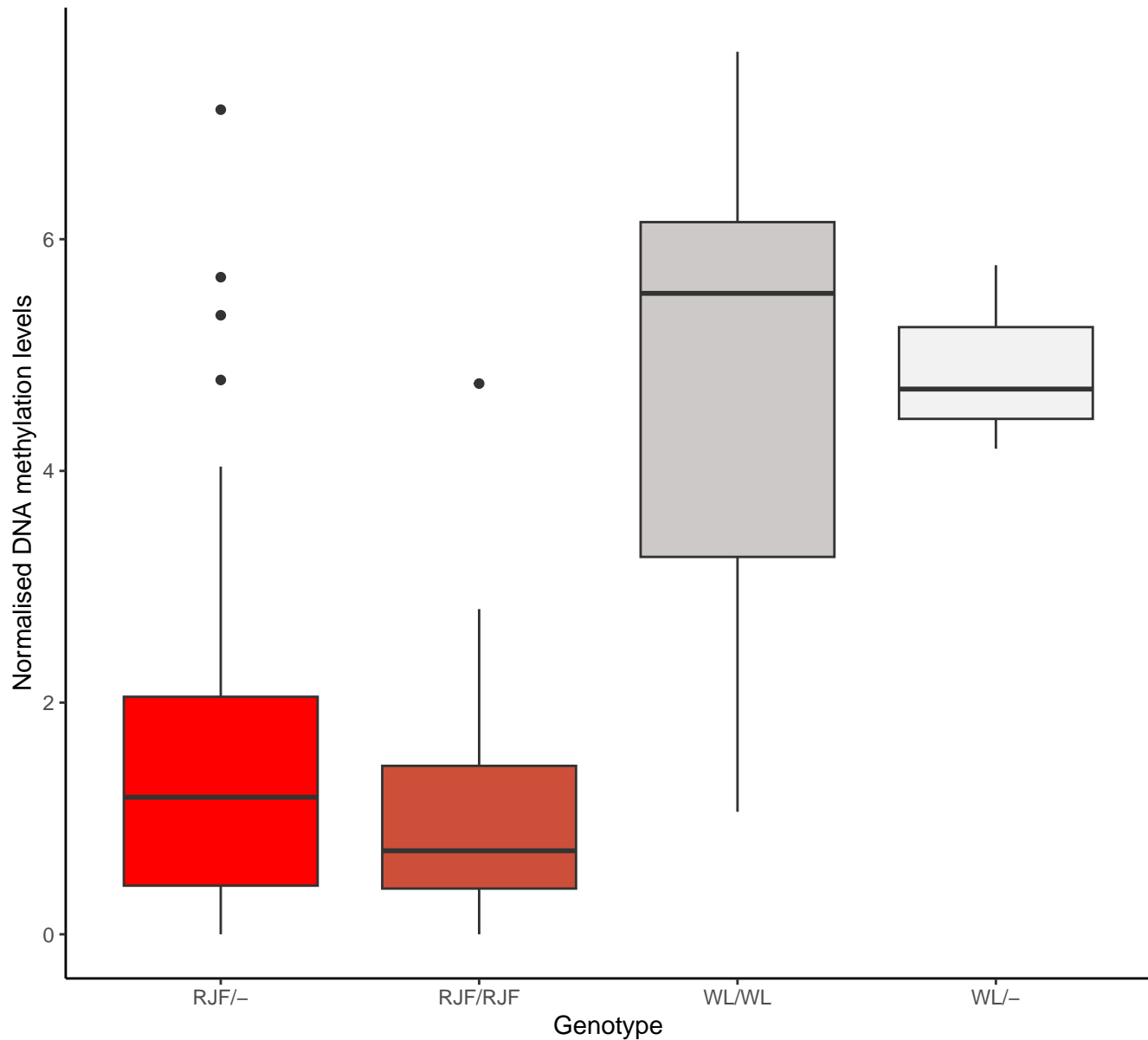
cis mQTL | chrX@344.27cM | LOD: 12.49

Methbin: chrZ_45163000 | marker:GG_rs16782623

CI: chrX:317.15–348.56cM



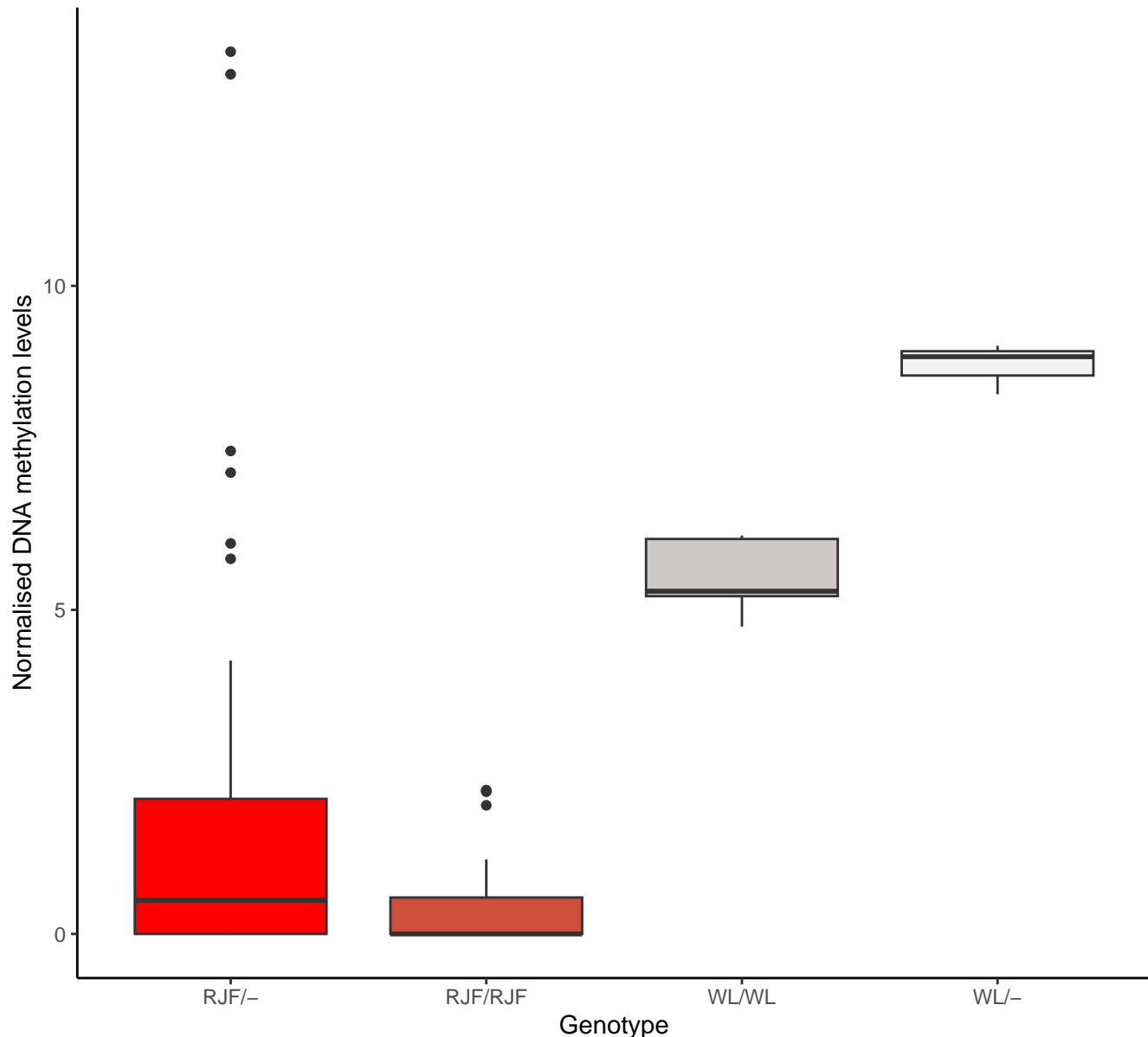
cis mQTL | chrX@344.27cM | LOD: 12.1
Methbin: chrZ_45164000 | marker:GG_rs16782623
CI: chrX:335.14–348.56cM



cis mQTL | chrX@344.27cM | LOD: 15.33

Methbin: chrZ_45165000 | marker:GG_rs16782623

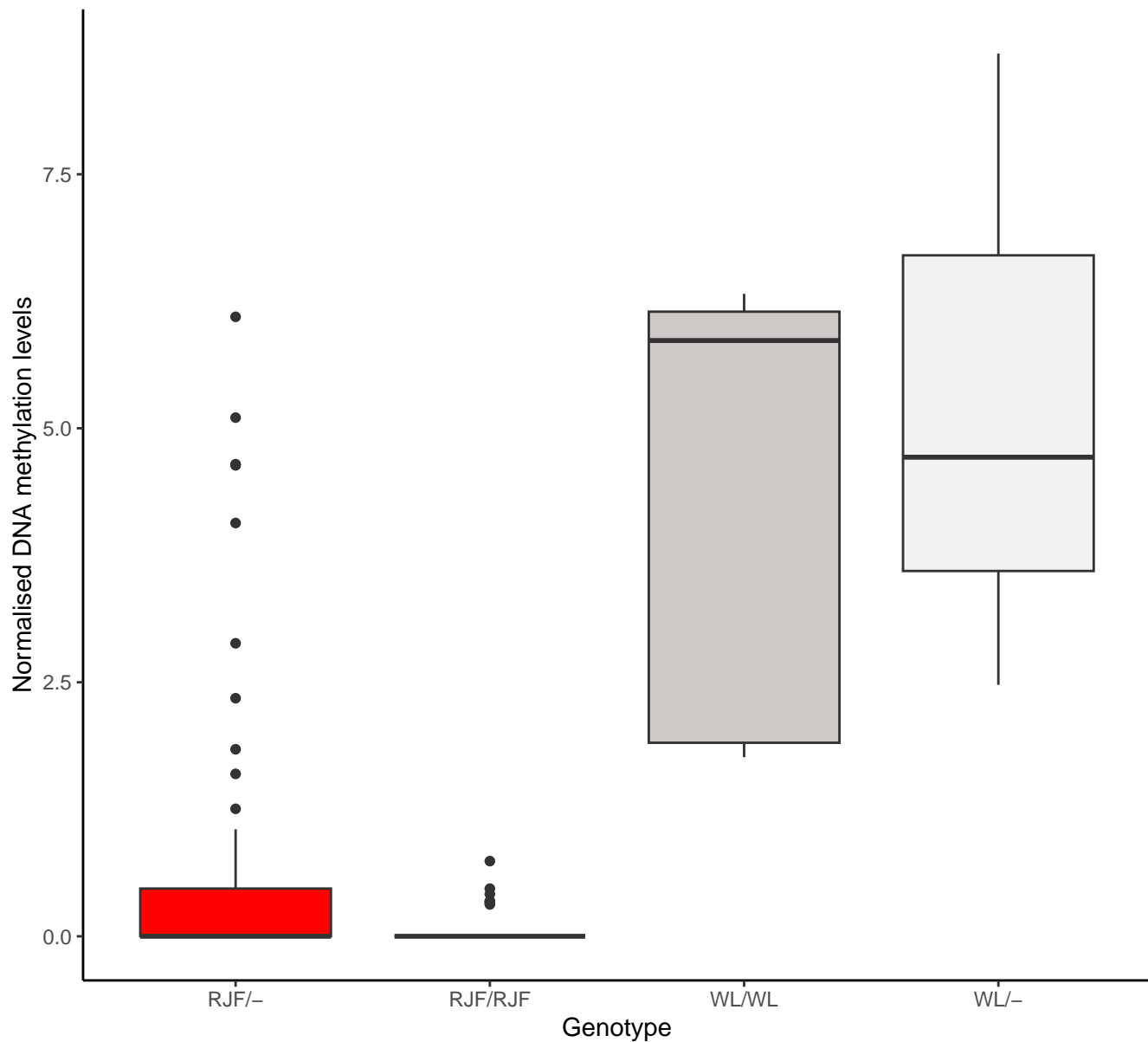
CI: chrX:335.14–348.56cM



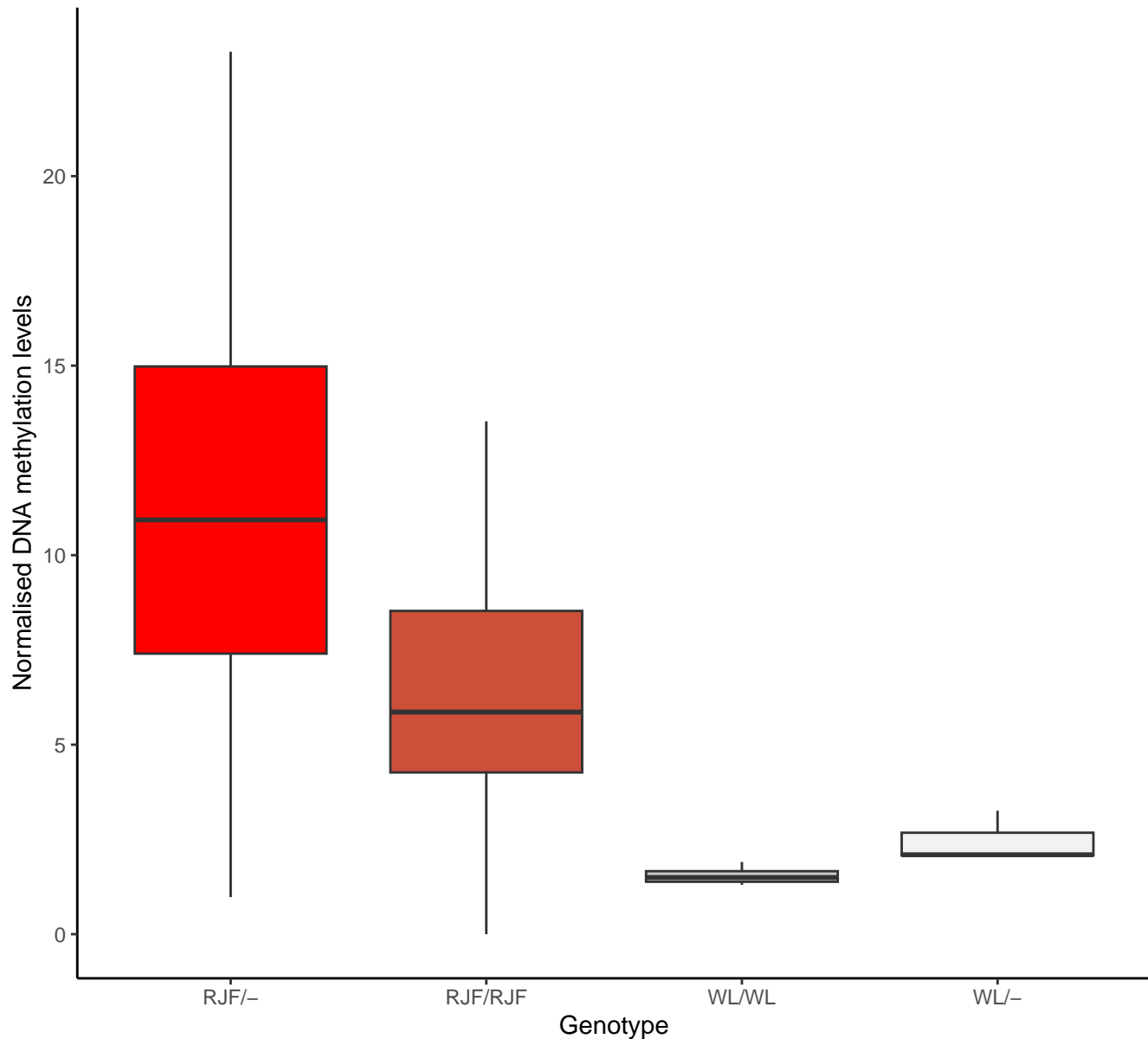
cis mQTL | chrX@344.27cM | LOD: 16.88

Methbin: chrZ_45166000 | marker:GG_rs16782623

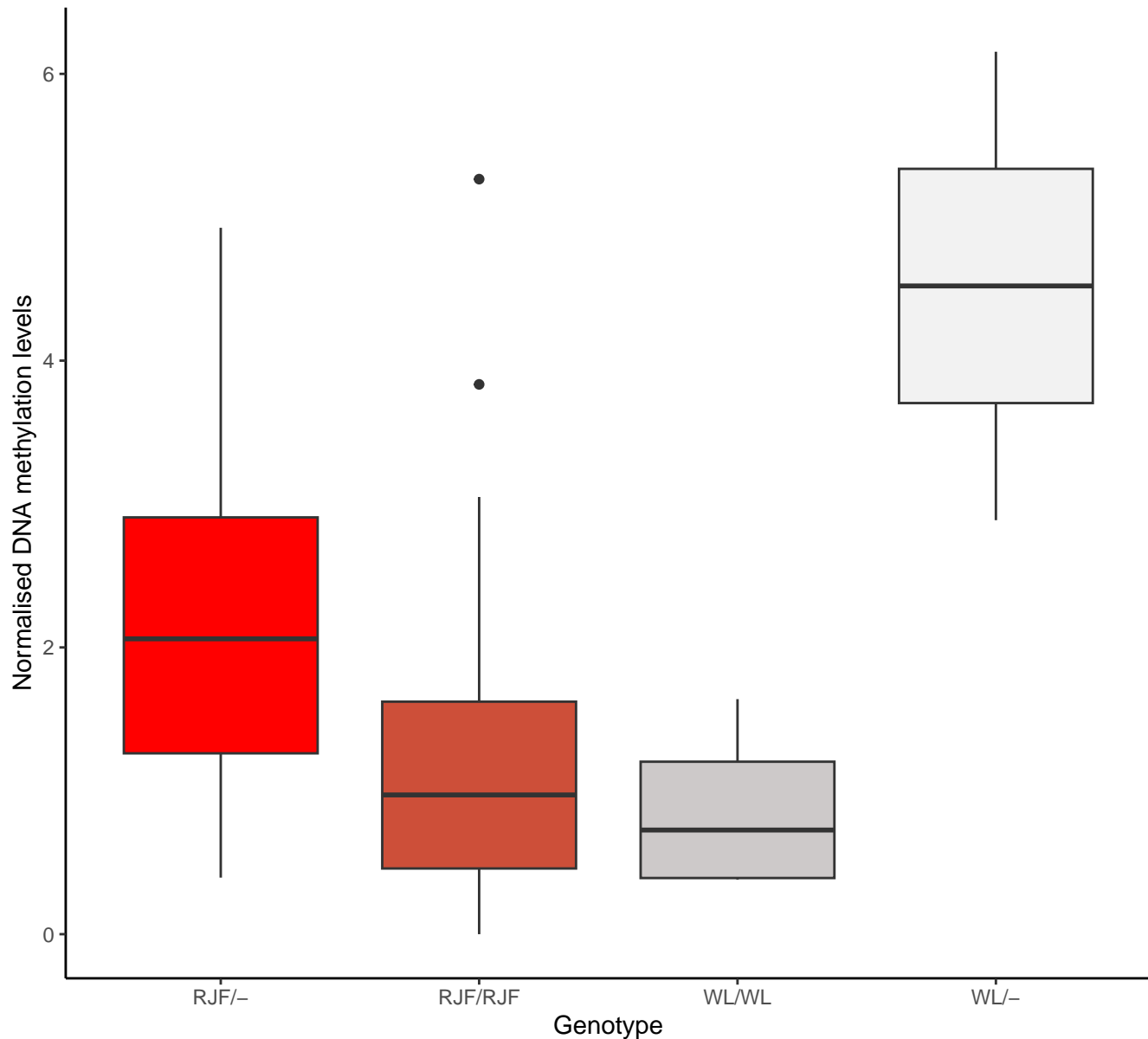
CI: chrX:335.14–348.56cM



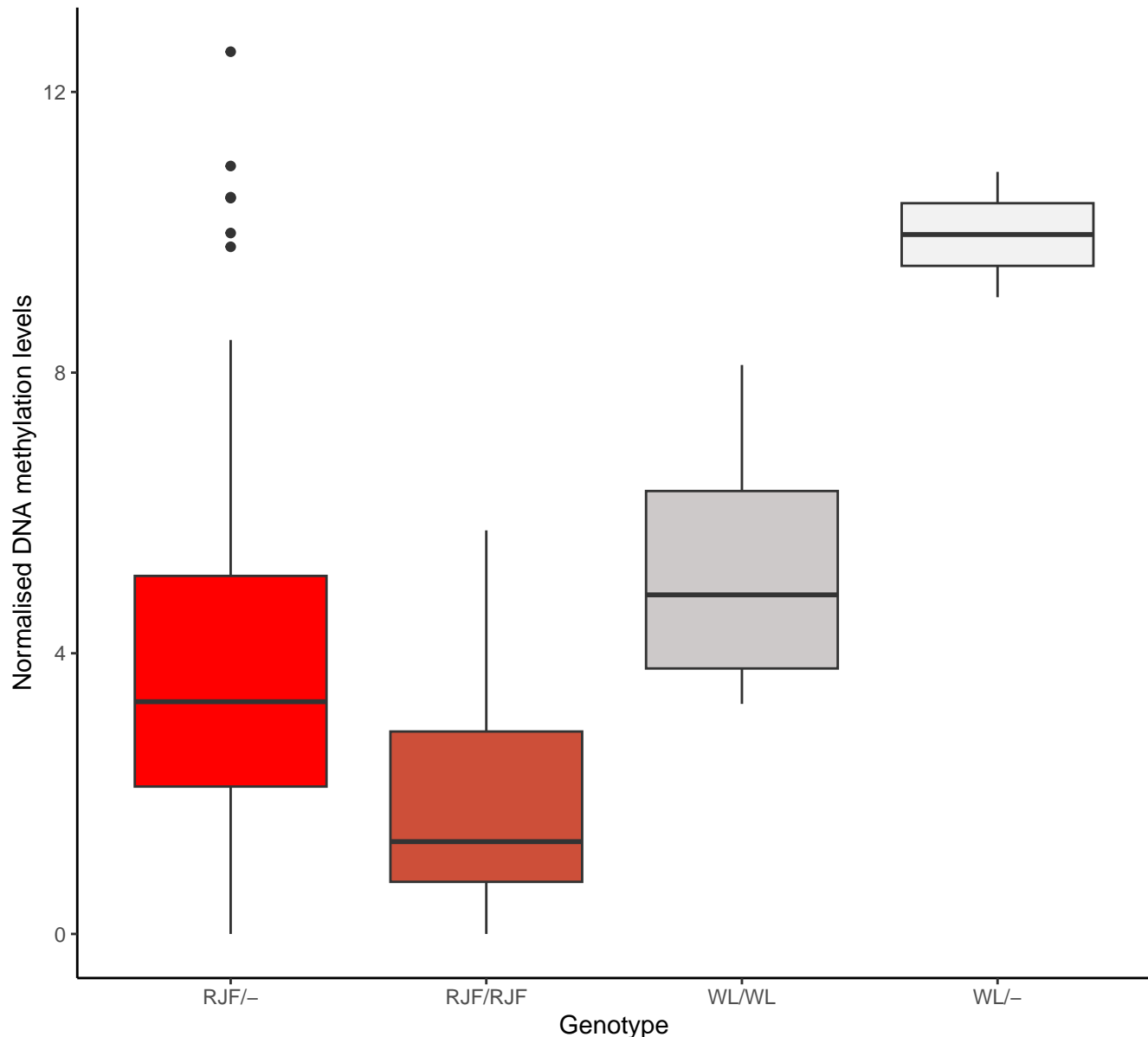
cis mQTL | chrX@346cM | LOD: 6.72
Methbin: chrZ_45809000 | marker:GG_rs16782623
CI: chrX:317.15–408.11cM



cis mQTL | chrX@316cM | LOD: 4.06
Methbin: chrZ_46414000 | marker:Gg_rs16768340
CI: chrX:227.36–408.11cM



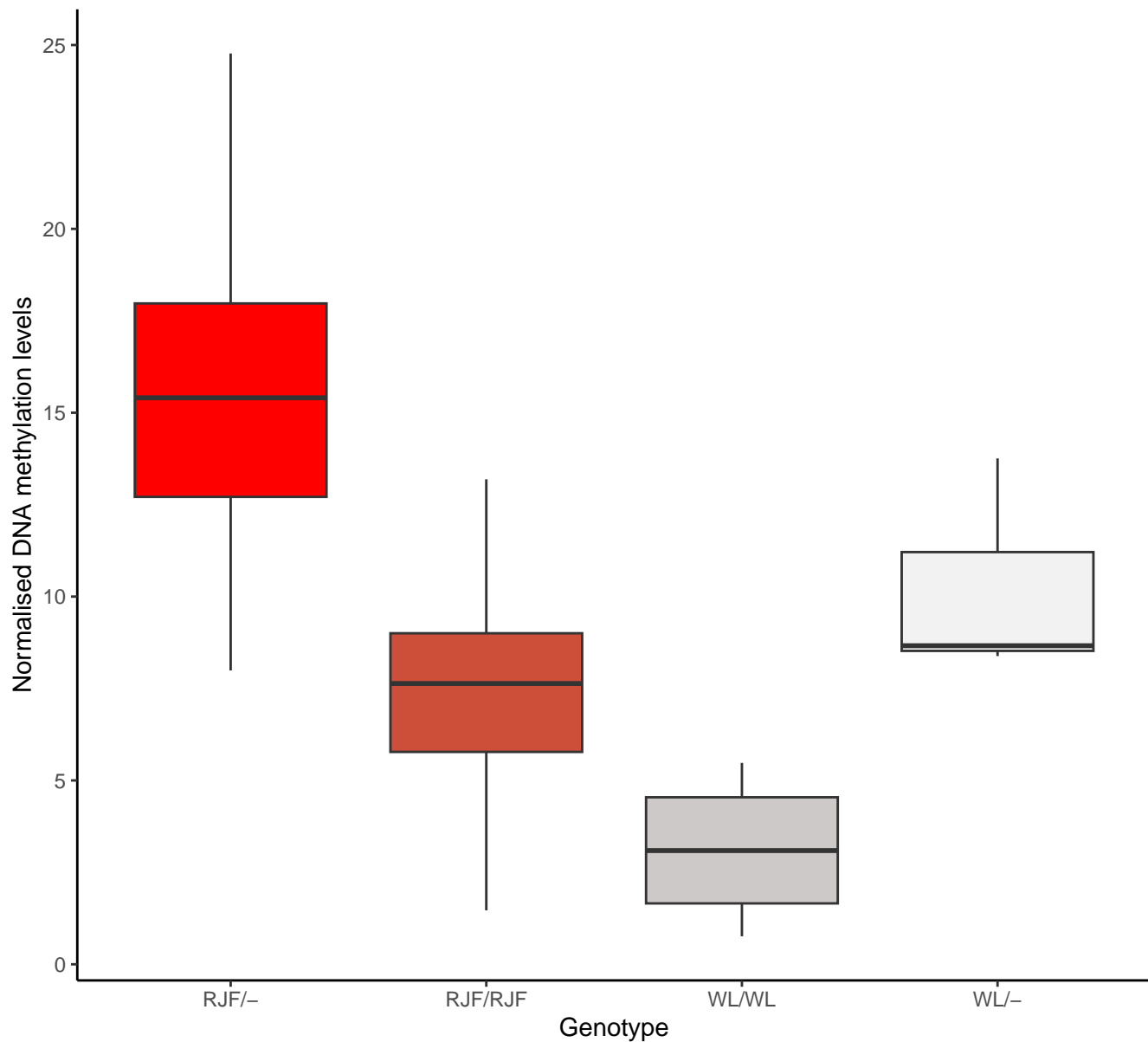
cis mQTL | chrX@329cM | LOD: 6.08
Methbin: chrZ_46808000 | marker:Gg_rs16131926
CI: chrX:301.72–408.11cM



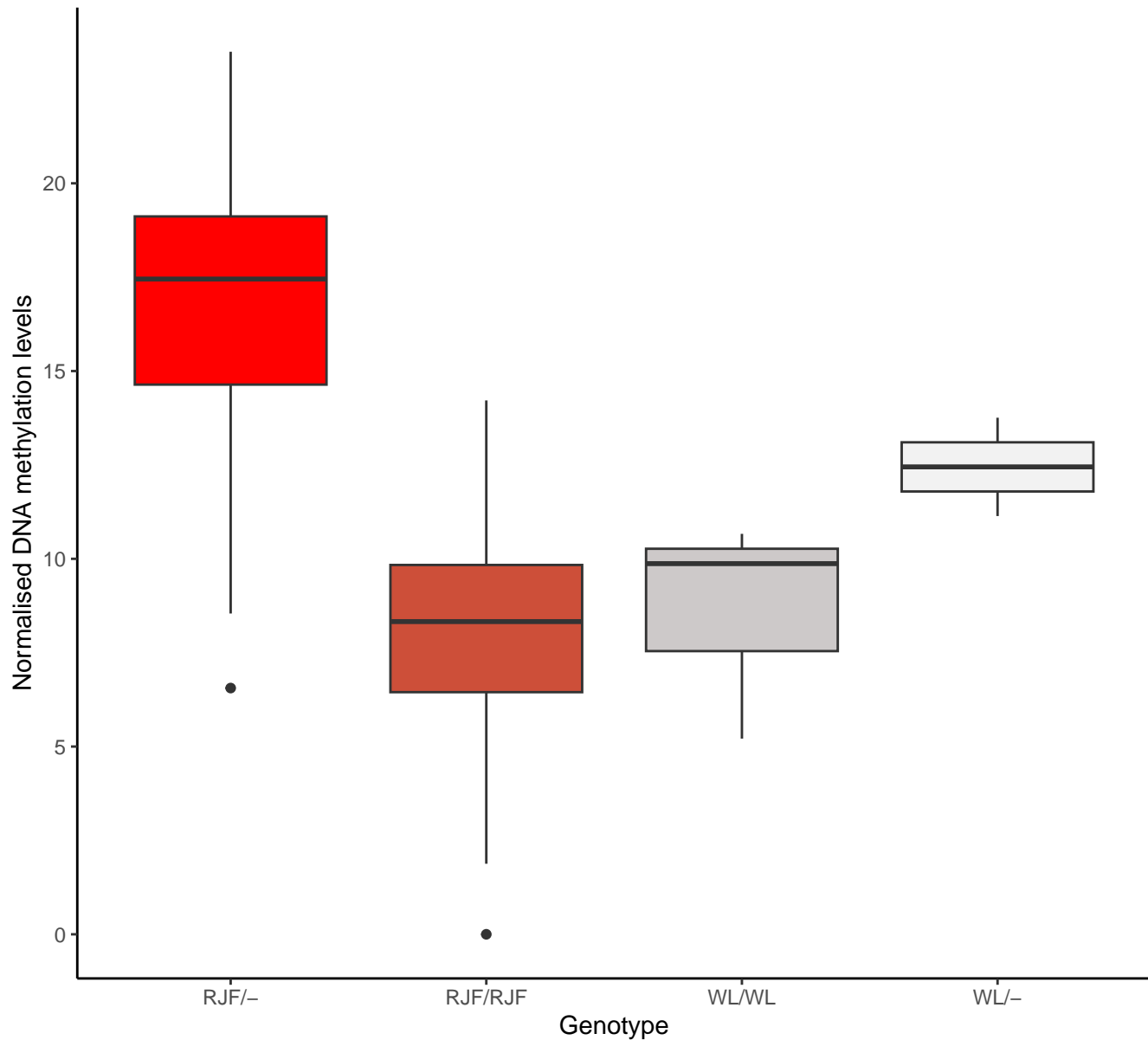
cis mQTL | chrX@353.15cM | LOD: 4.08

Methbin: chrZ_46826000 | marker:GG_rs14016786

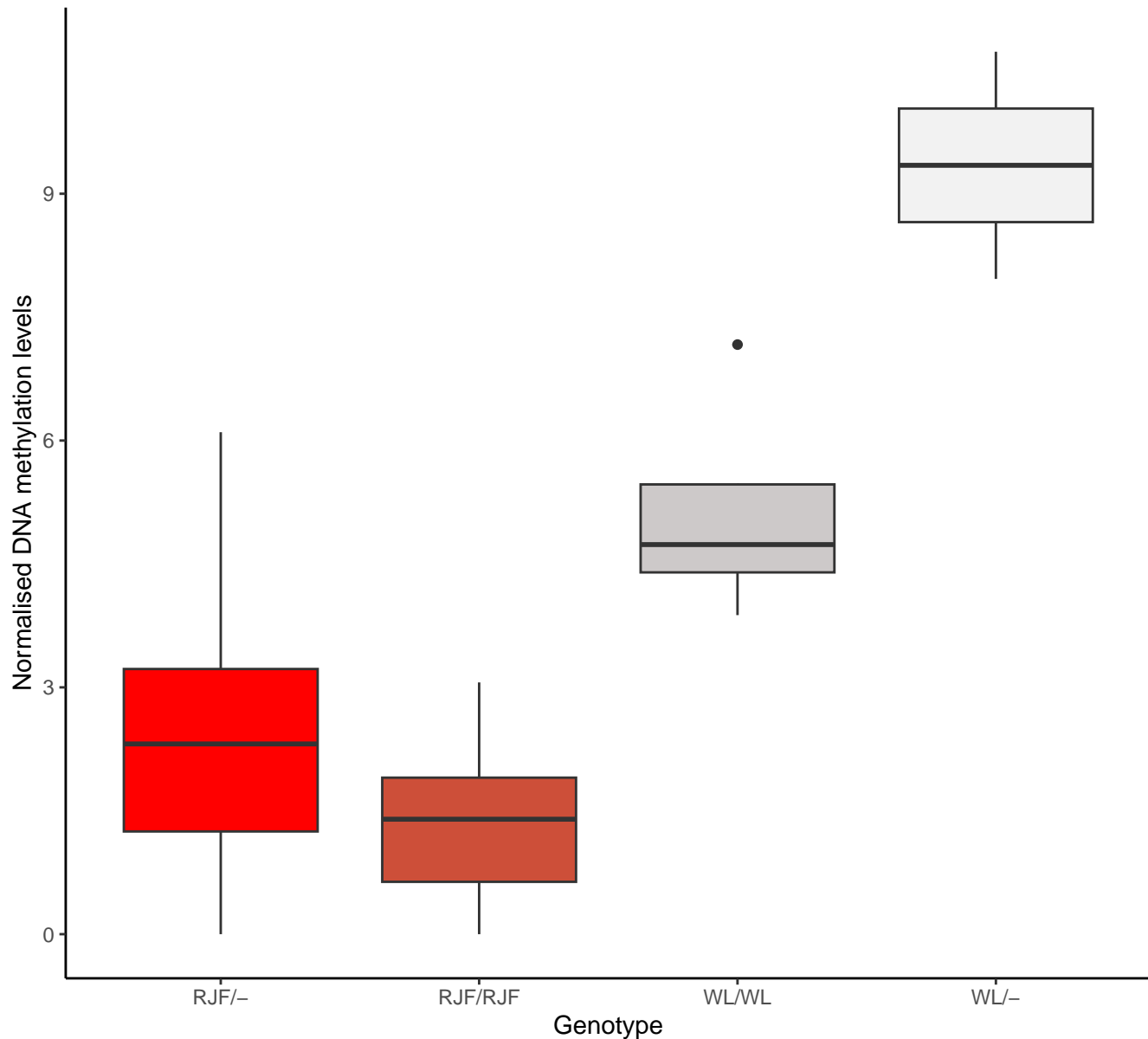
CI: chrX:0-408.11cM



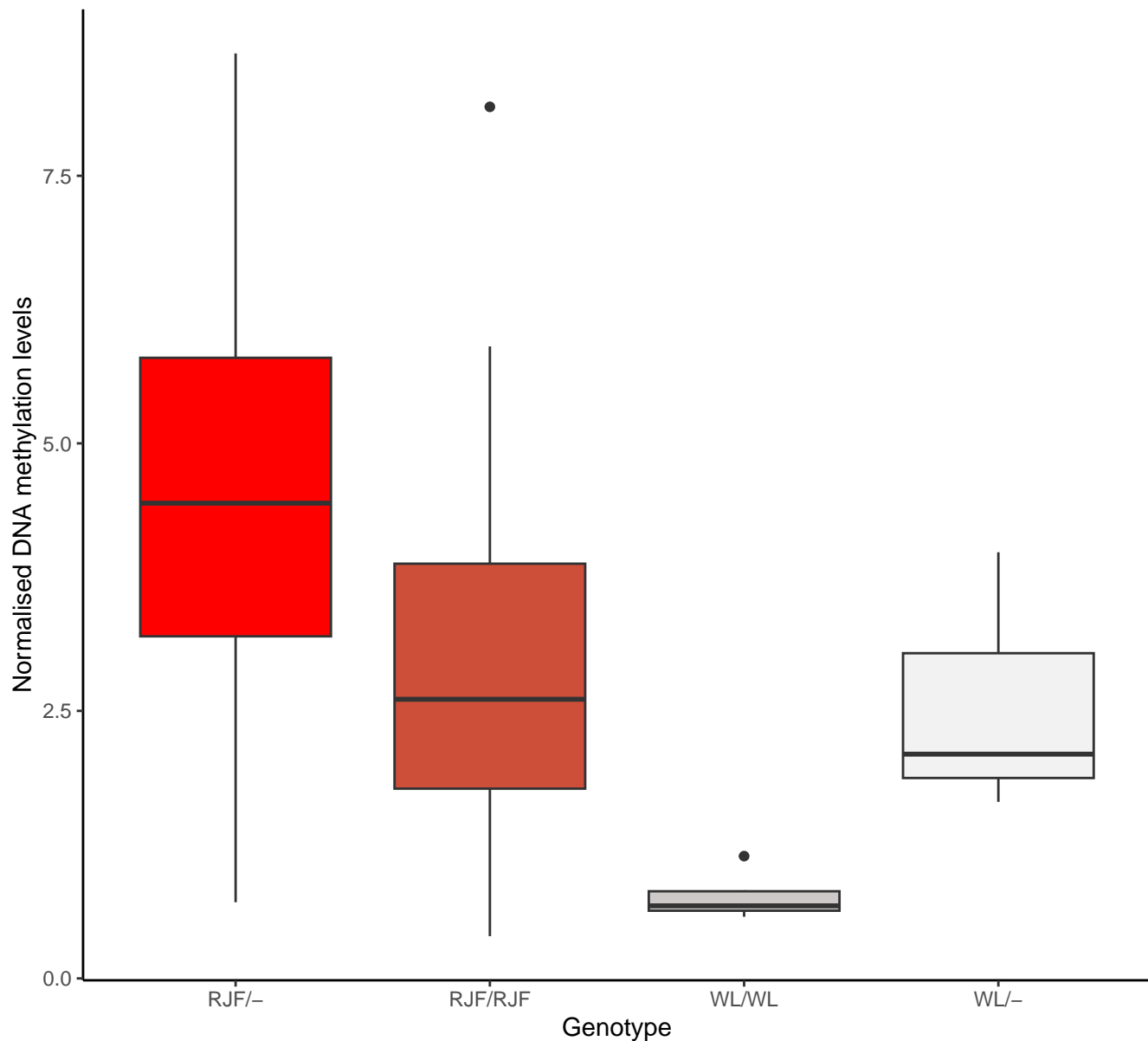
cis mQTL | chrX@361cM | LOD: 4.02
Methbin: chrZ_47130000 | marker:Gg_rs16114279
CI: chrX:287.24–408.11cM



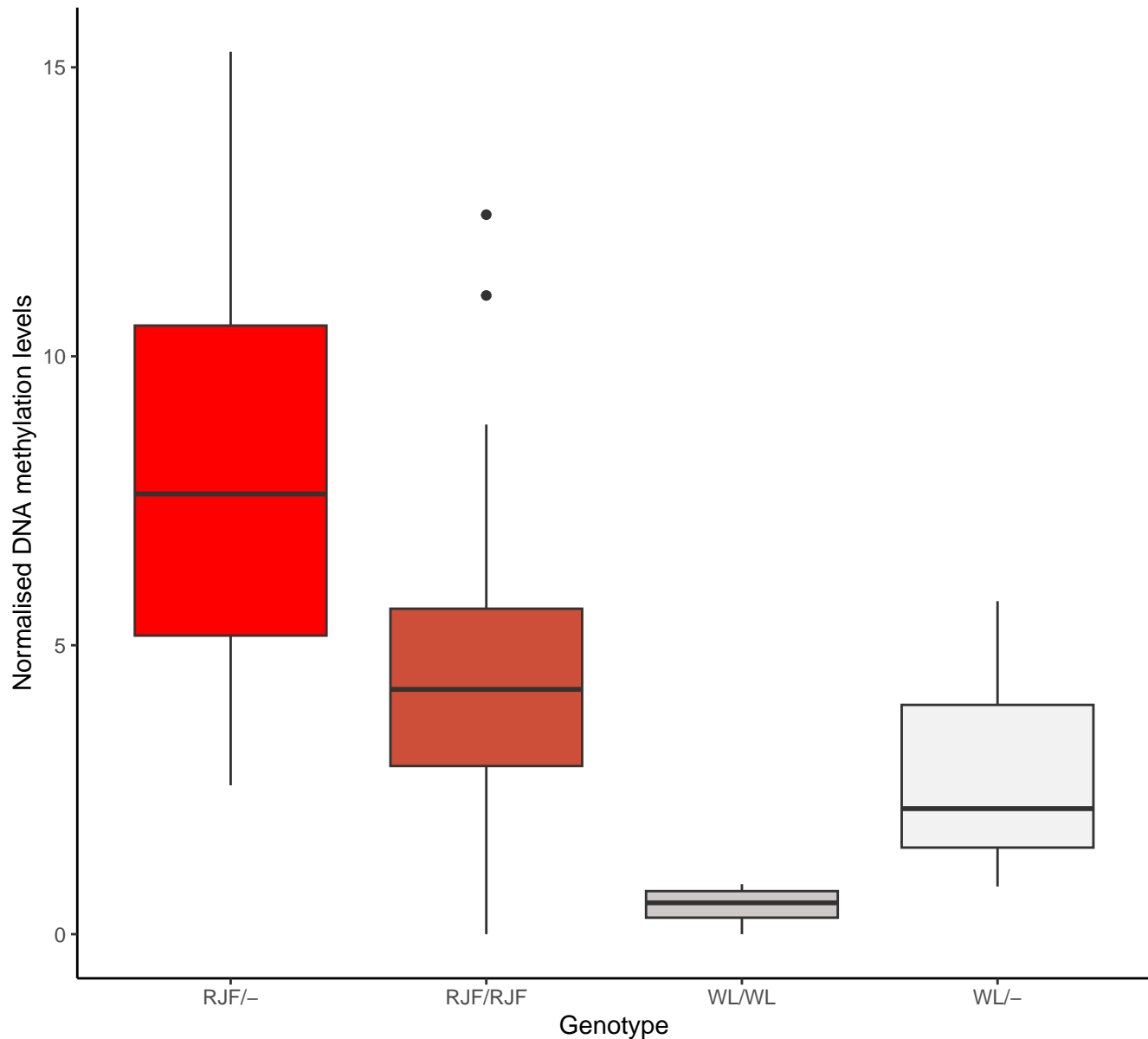
cis mQTL | chrX@358cM | LOD: 19.76
Methbin: chrZ_47304000 | marker:Gg_rs16112880
CI: chrX:348.56–360.02cM



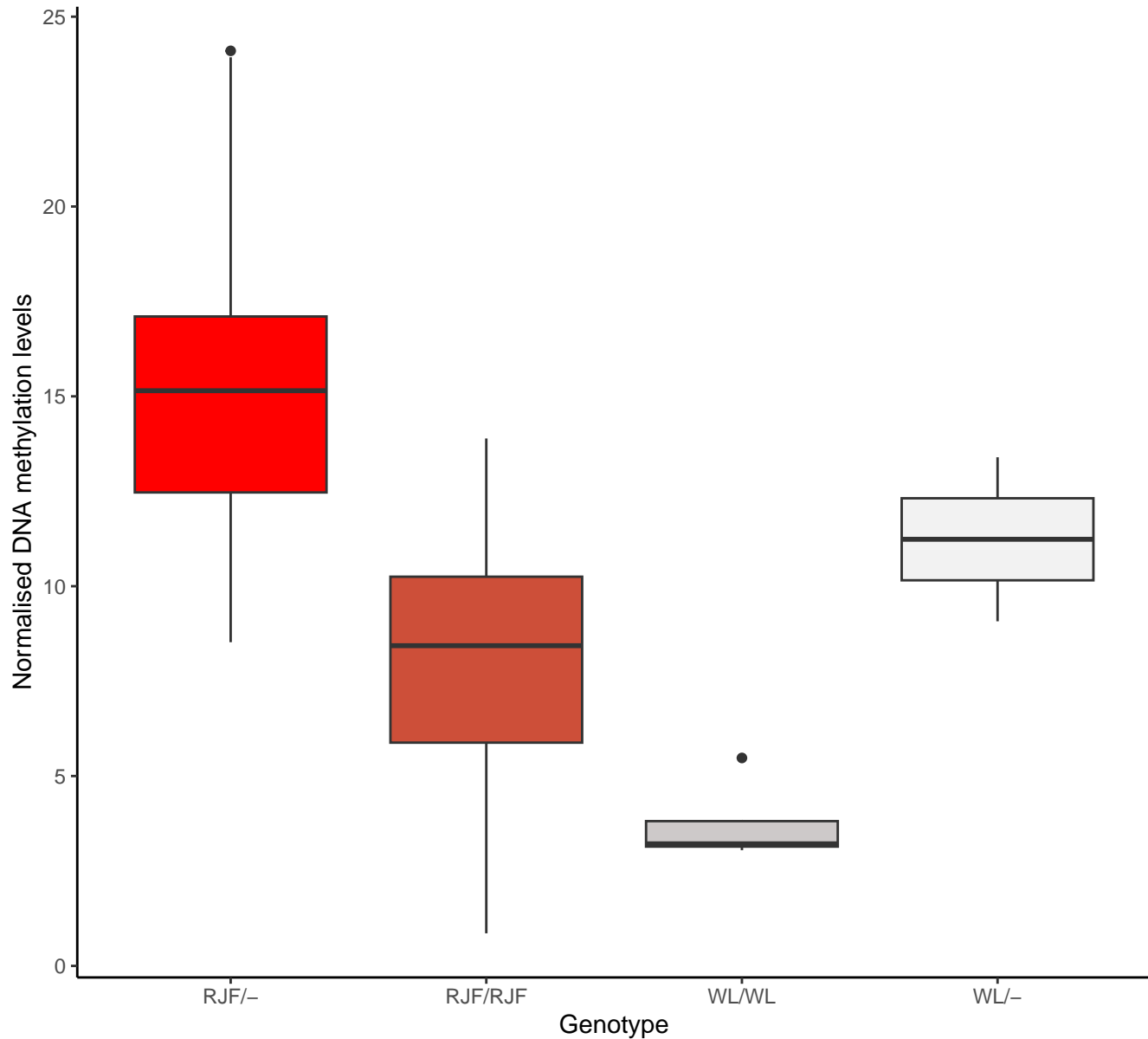
cis mQTL | chrX@352cM | LOD: 3.99
Methbin: chrZ_47415000 | marker:GG_rs14016786
CI: chrX:344.27–408.11cM



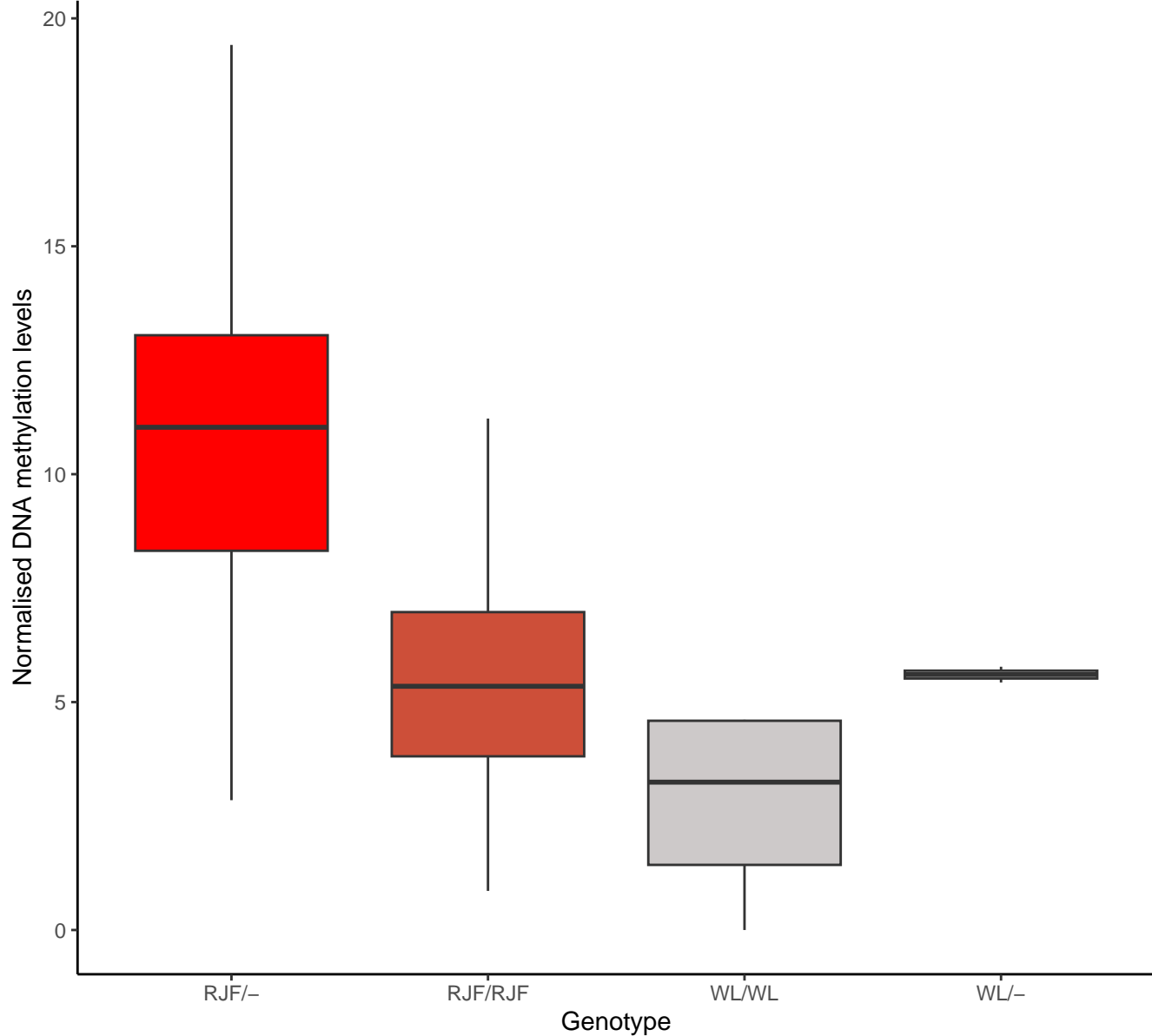
cis mQTL | chrX@353cM | LOD: 7.01
Methbin: chrZ_49662000 | marker:GG_rs14016786
CI: chrX:335.14–408.11cM



cis mQTL | chrX@358cM | LOD: 4.68
Methbin: chrZ_50881000 | marker:Gg_rs16112880
CI: chrX:272.54–408.11cM



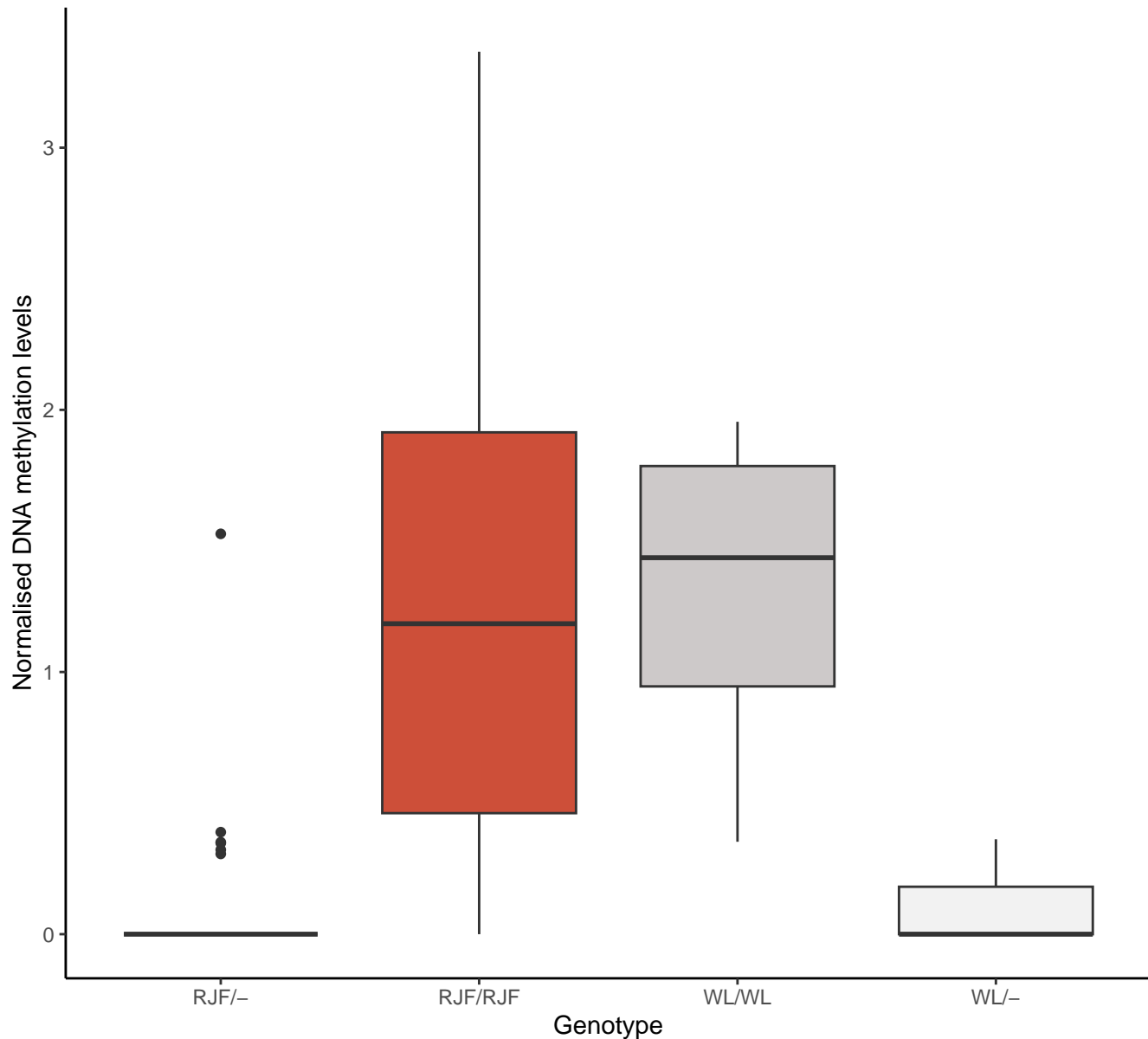
cis mQTL | chrX@357.86cM | LOD: 4.86
Methbin: chrZ_51577000 | marker:Gg_rs16112880
CI: chrX:317.15–408.11cM



trans mQTL | chrX@351cM | LOD: 8.15

Methbin: chrW_3733000 | marker:GG_rs14016786

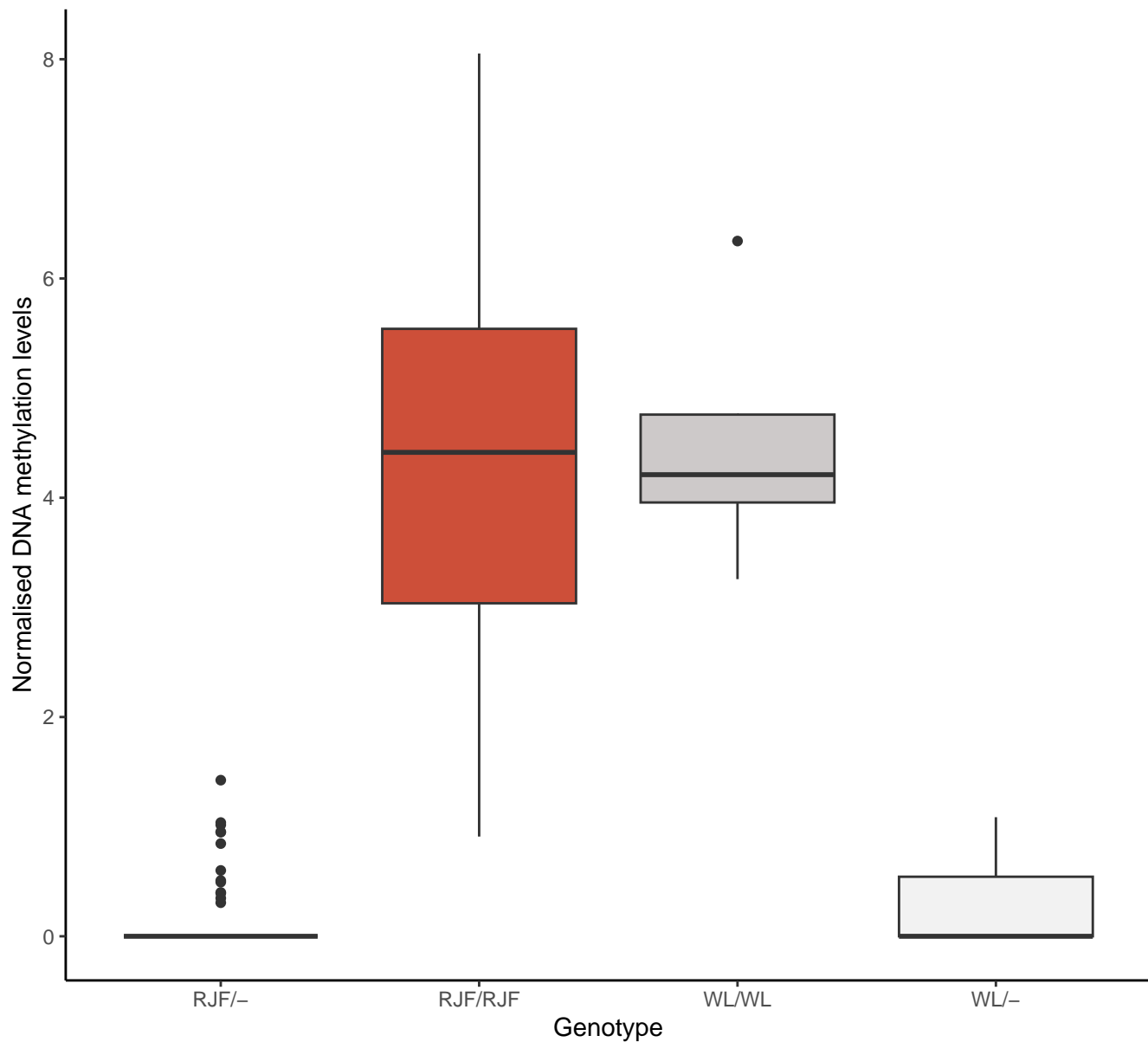
CI: chrX:348.56–353.15cM



trans mQTL | chrX@351cM | LOD: 9.63

Methbin: chrW_4213000 | marker:GG_rs14016786

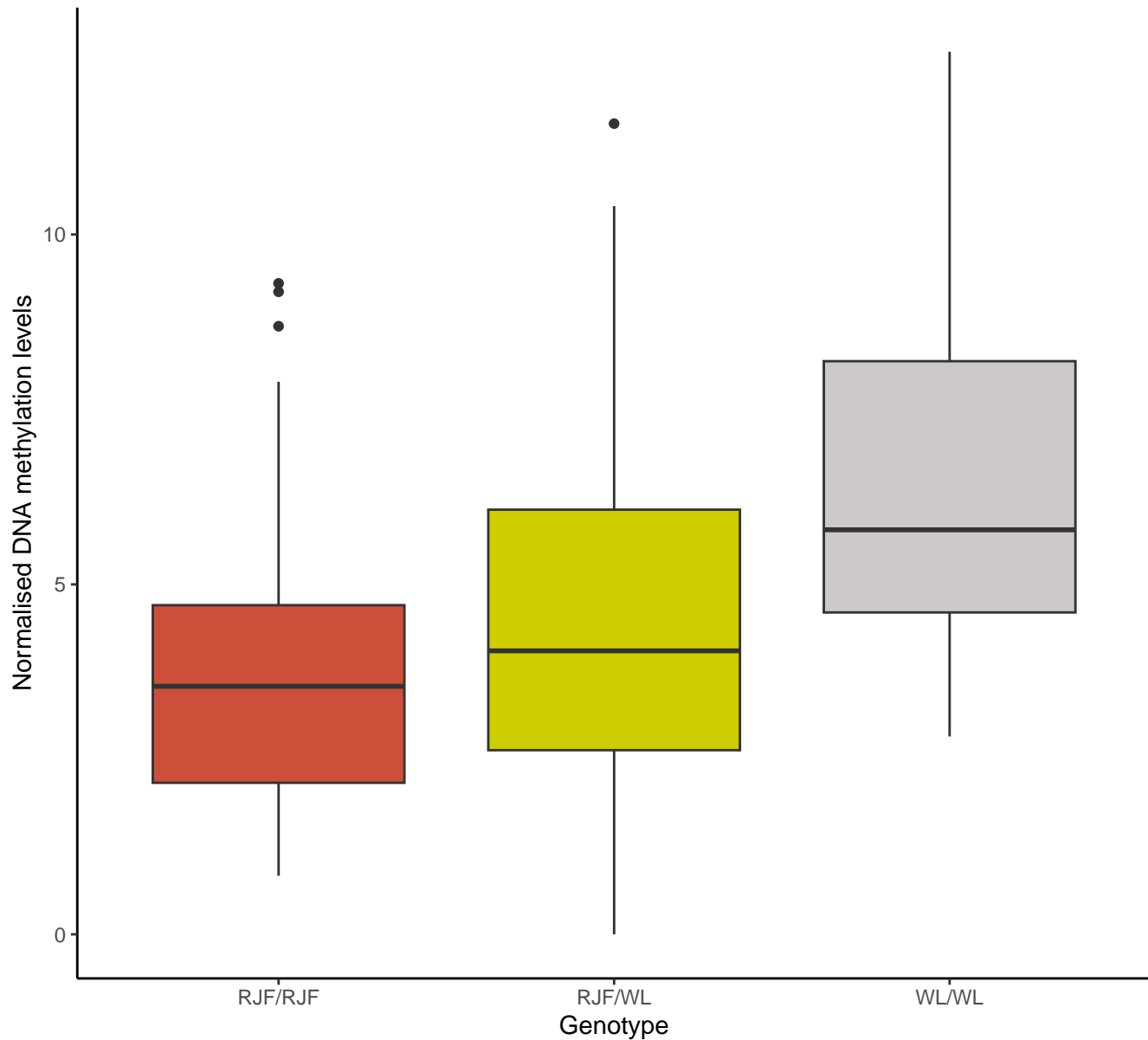
CI: chrX:348.56–353.15cM



trans mQTL | chr13@133cM | LOD: 6.13

Methbin: chrZ_715000 | marker:Gg_rs14995644

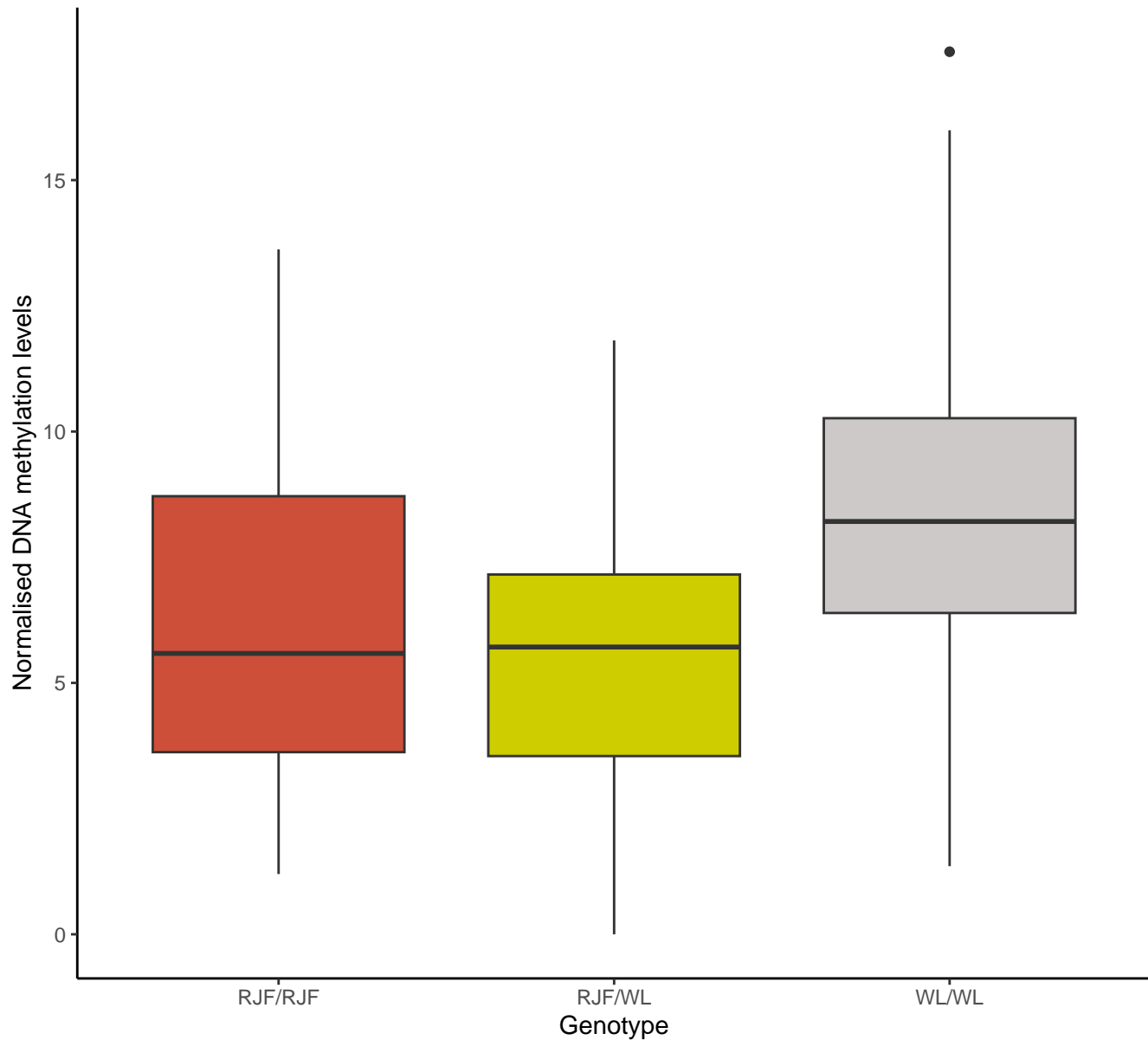
CI: chr13:110.85–198.44cM



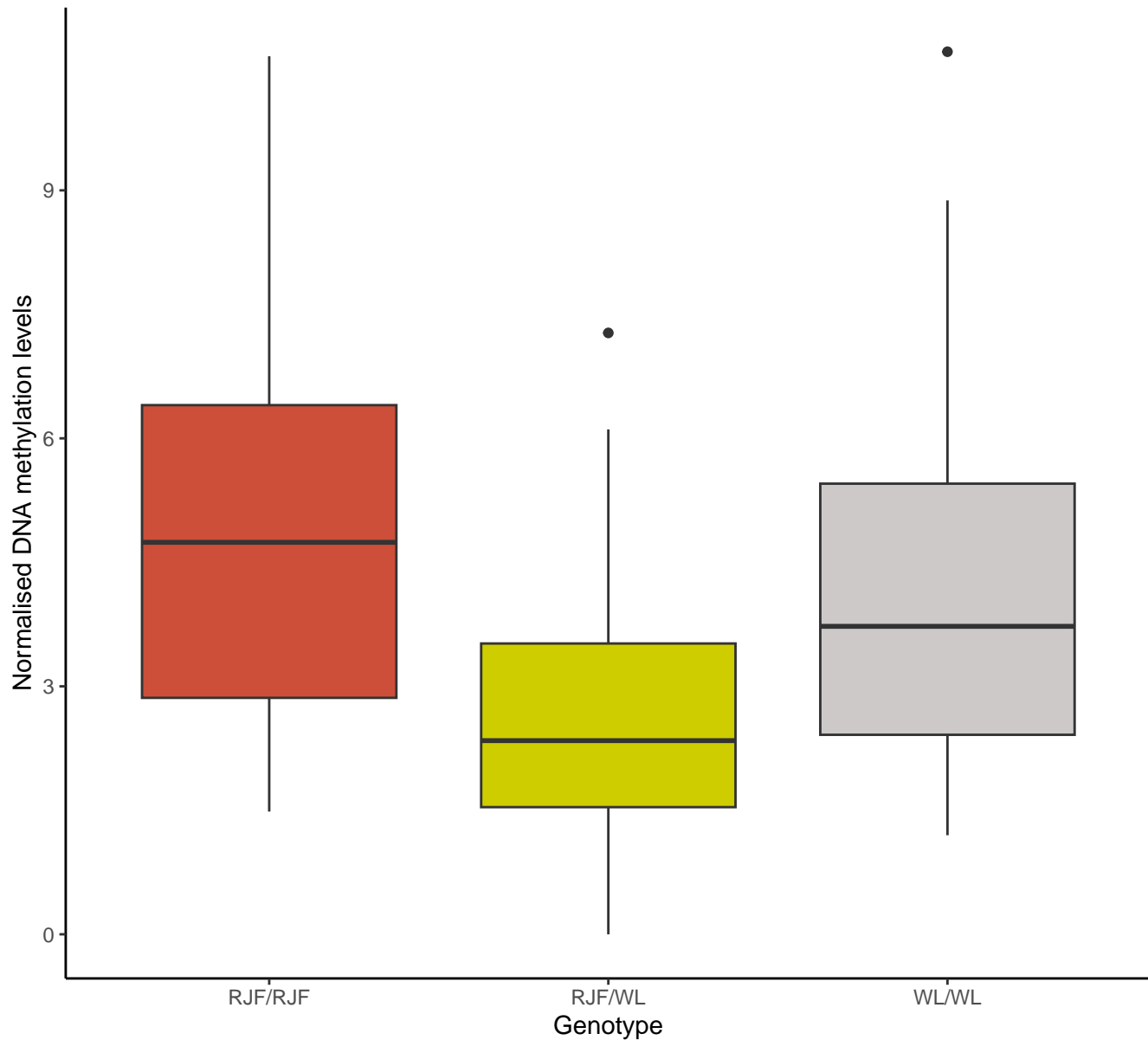
trans mQTL | chr2@98.38cM | LOD: 6.19

Methbin: chrZ_2043000 | marker:Gg_rs15060526

CI: chr2:90.91–145.68cM



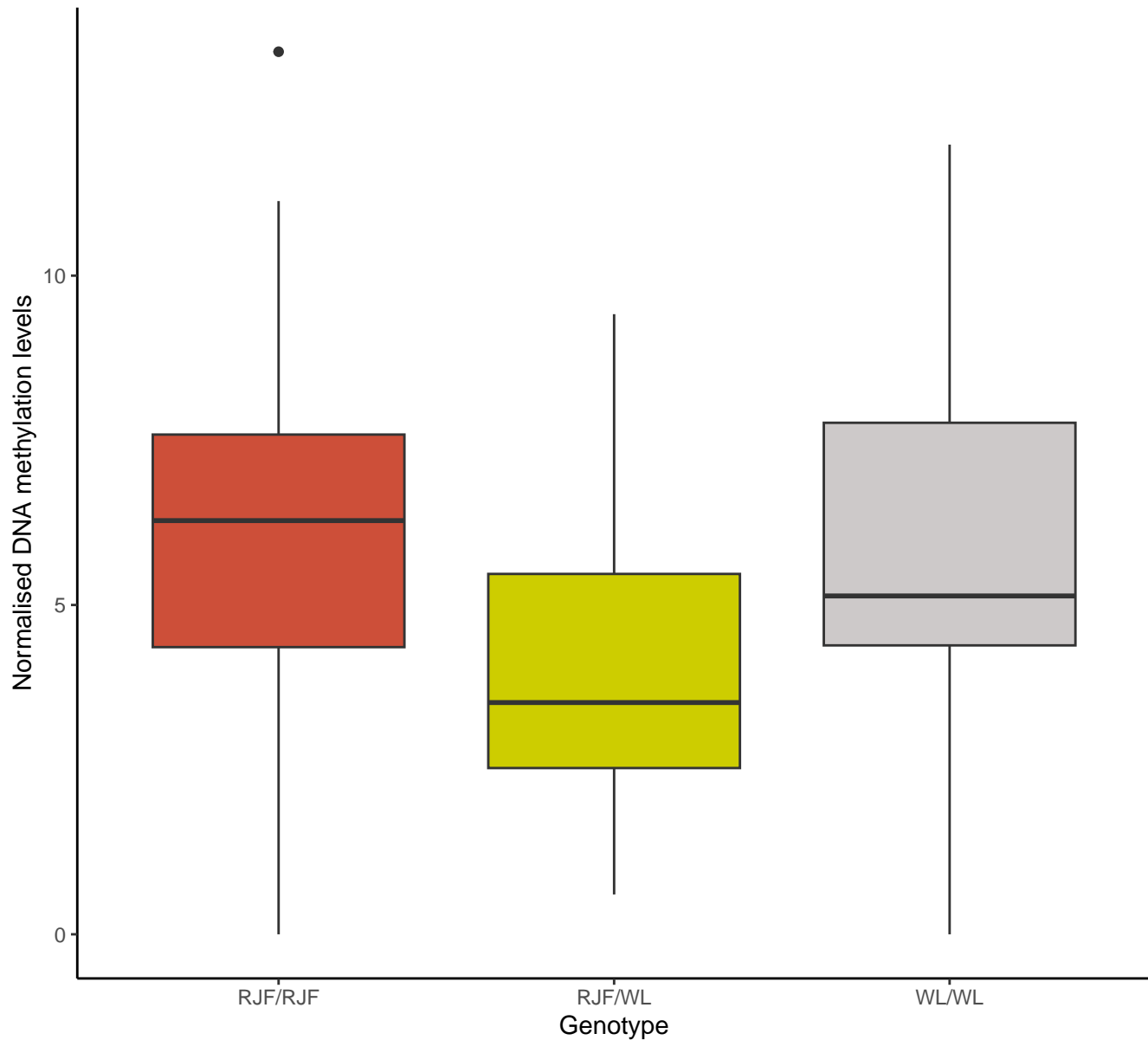
trans mQTL | chr3@578.5cM | LOD: 7.36
Methbin: chrZ_5101000 | marker:Gg_rs15416272
CI: chr3:571.83–610.92cM



trans mQTL | chr3@431.09cM | LOD: 6.32

Methbin: chrZ_8888000 | marker:snp.17.141.24973.S.1

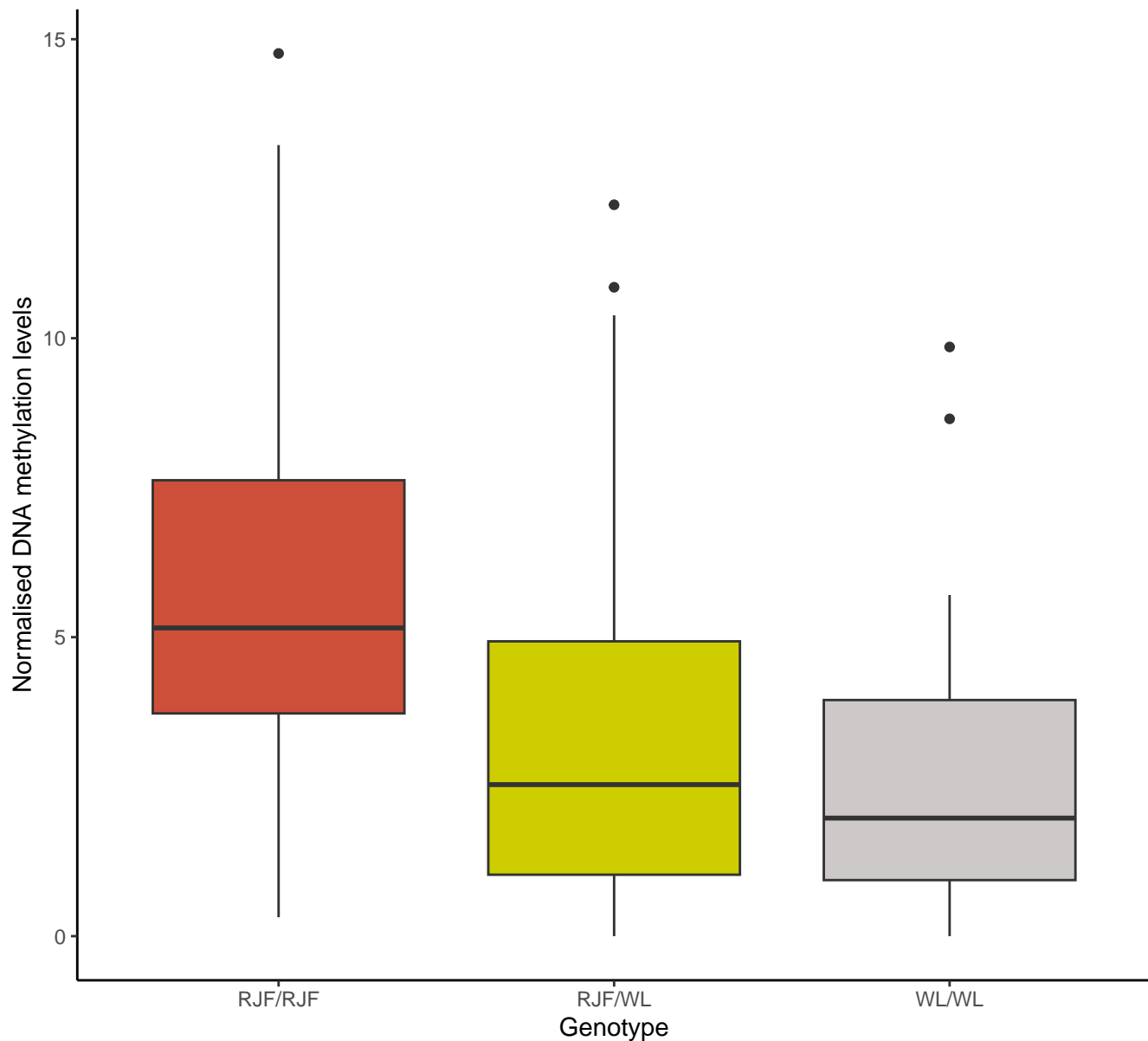
CI: chr3:419.42–437.05cM



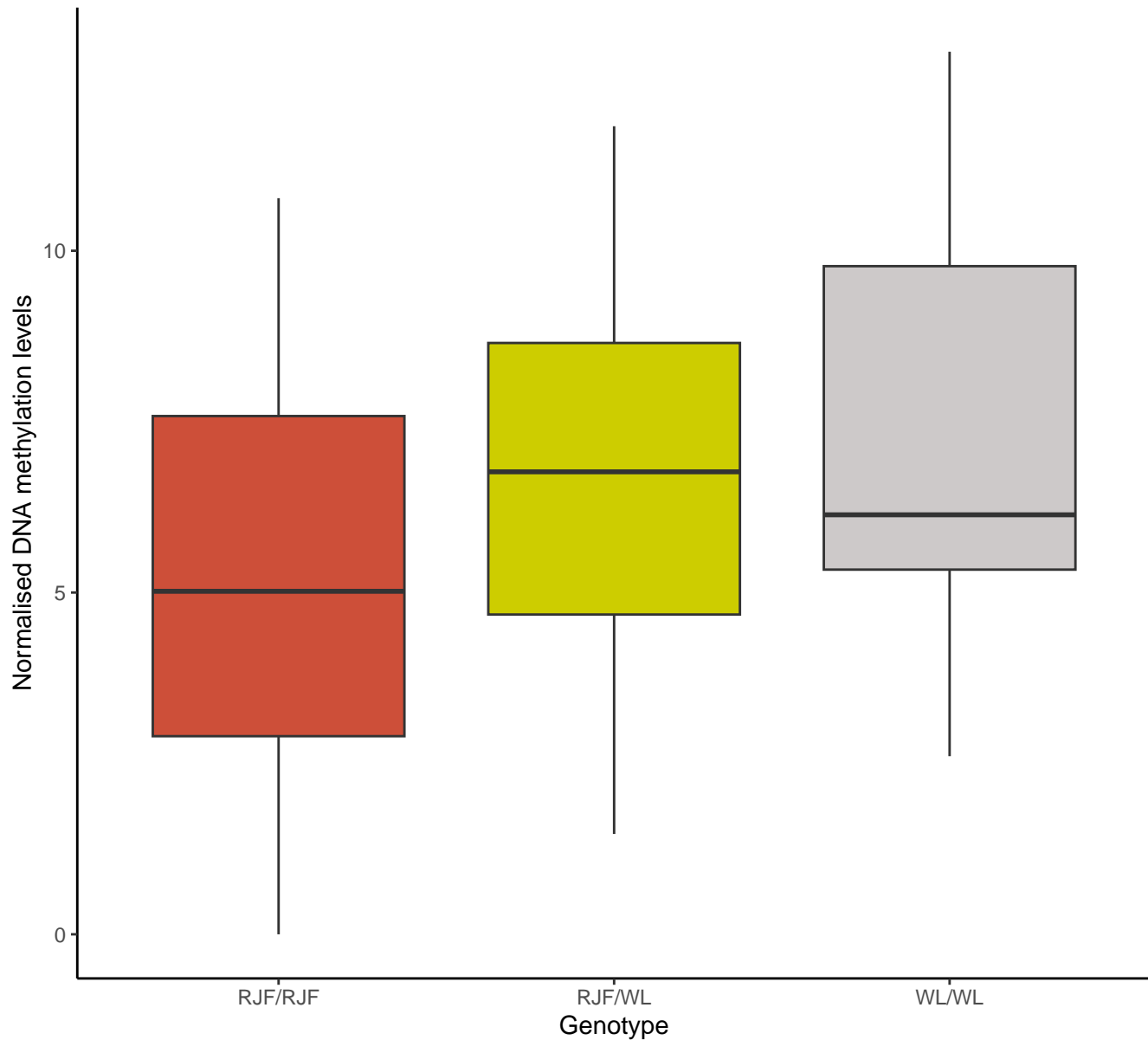
trans mQTL | chr1@2210.81cM | LOD: 8.01

Methbin: chrZ_13970000 | marker:snp.317.20.11874.S.1

CI: chr1:2094.51–2334.16cM



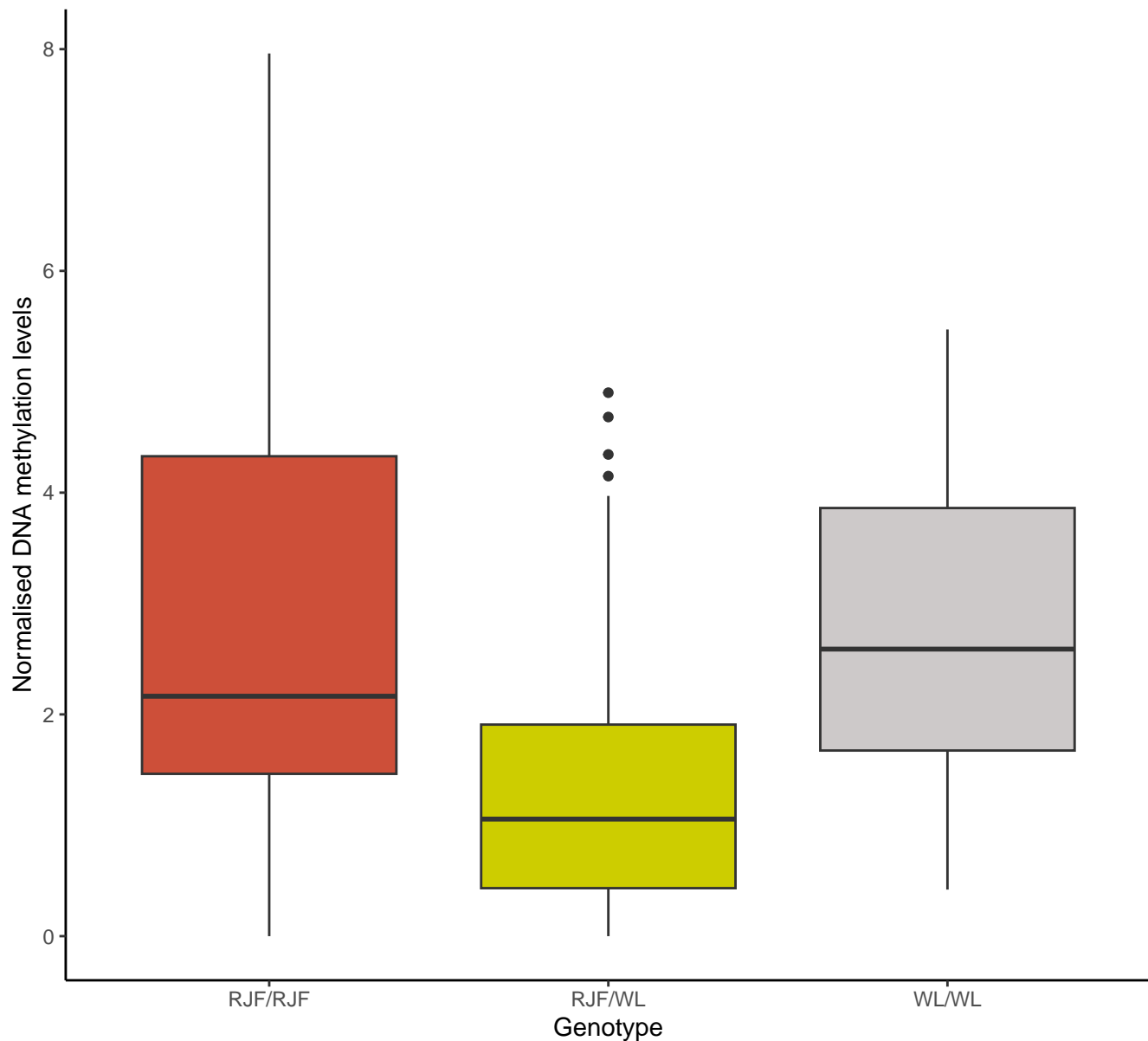
trans mQTL | chr2@179.78cM | LOD: 6.18
Methbin: chrZ_18477000 | marker:Gg_rs15067636
CI: chr2:162.05–202.85cM



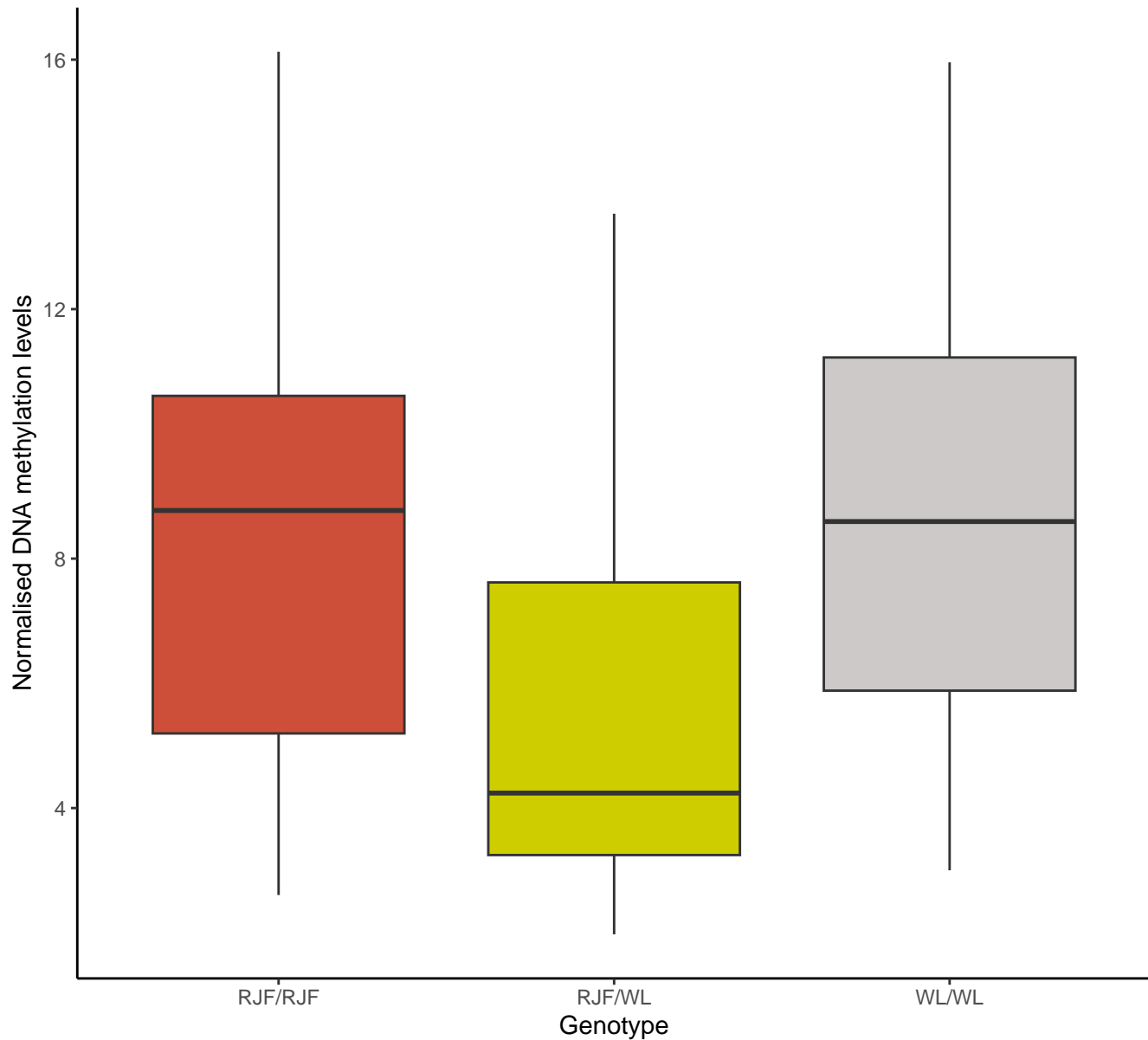
trans mQTL | chr3@571.83cM | LOD: 6.24

Methbin: chrZ_20672000 | marker:Gg_rs14386273

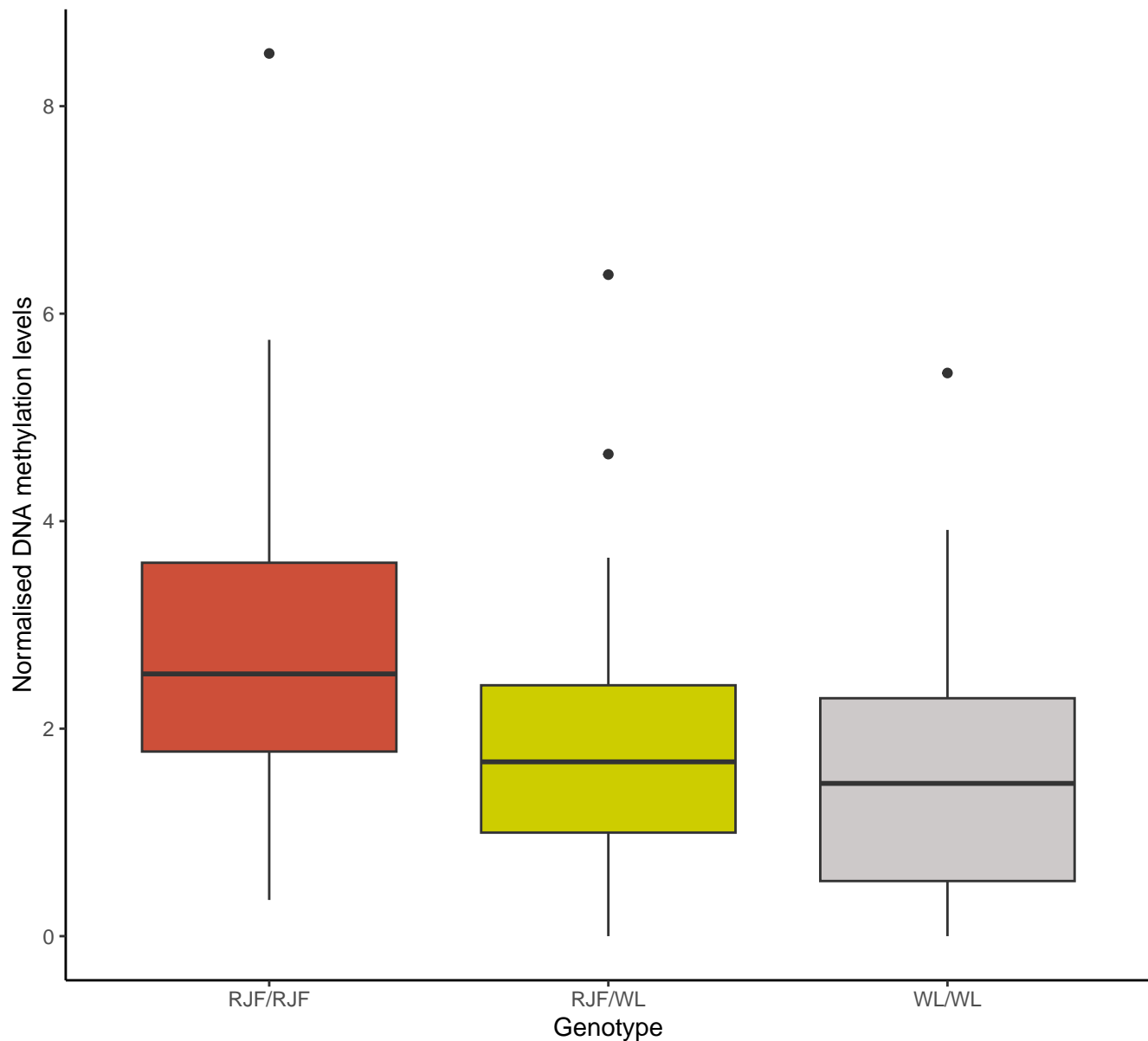
CI: chr3:557.74–578.5cM



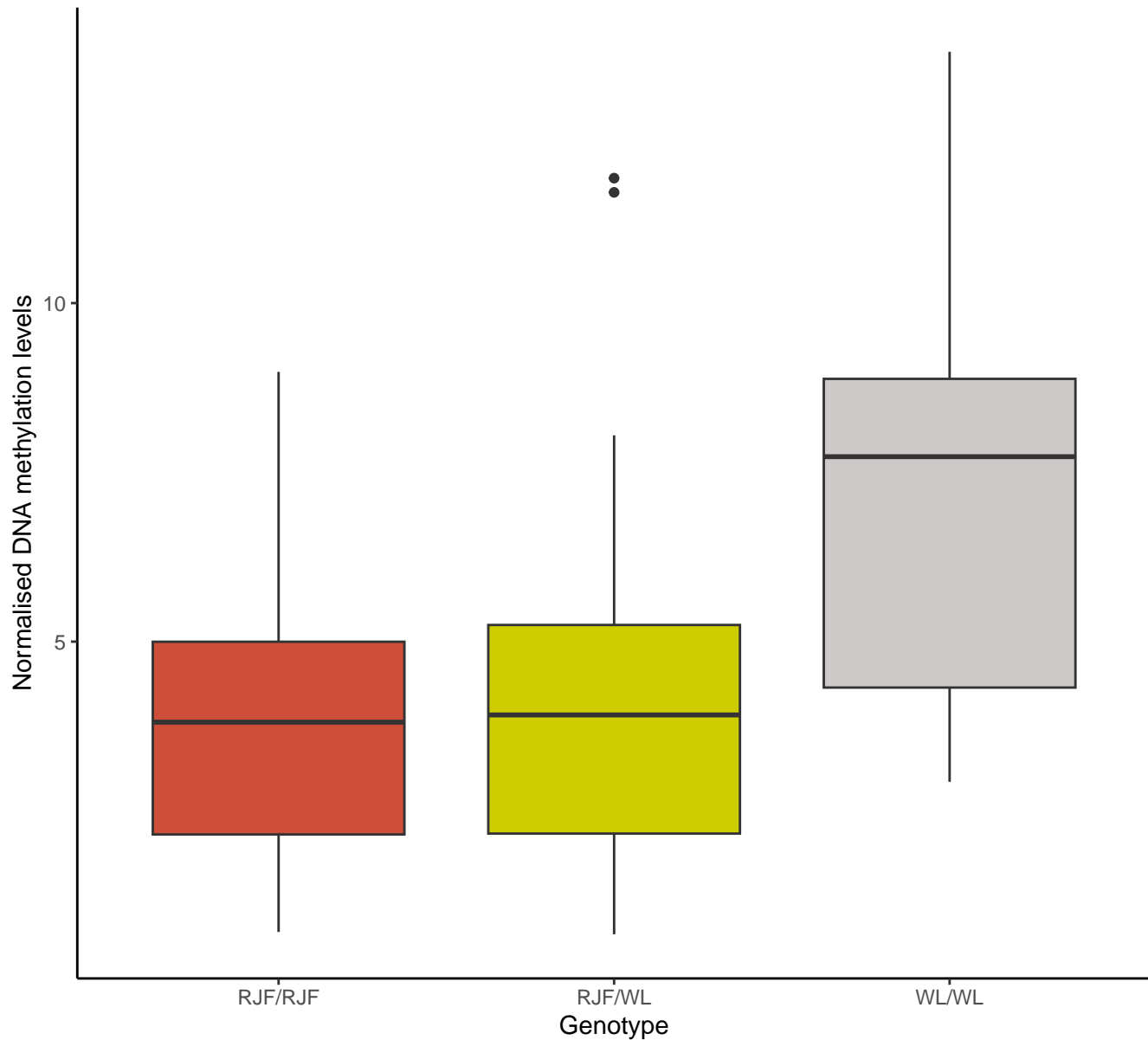
trans mQTL | chr1@281.94cM | LOD: 5.98
Methbin: chrZ_24770000 | marker:Gg_rs14793763
CI: chr1:269.61–296.72cM



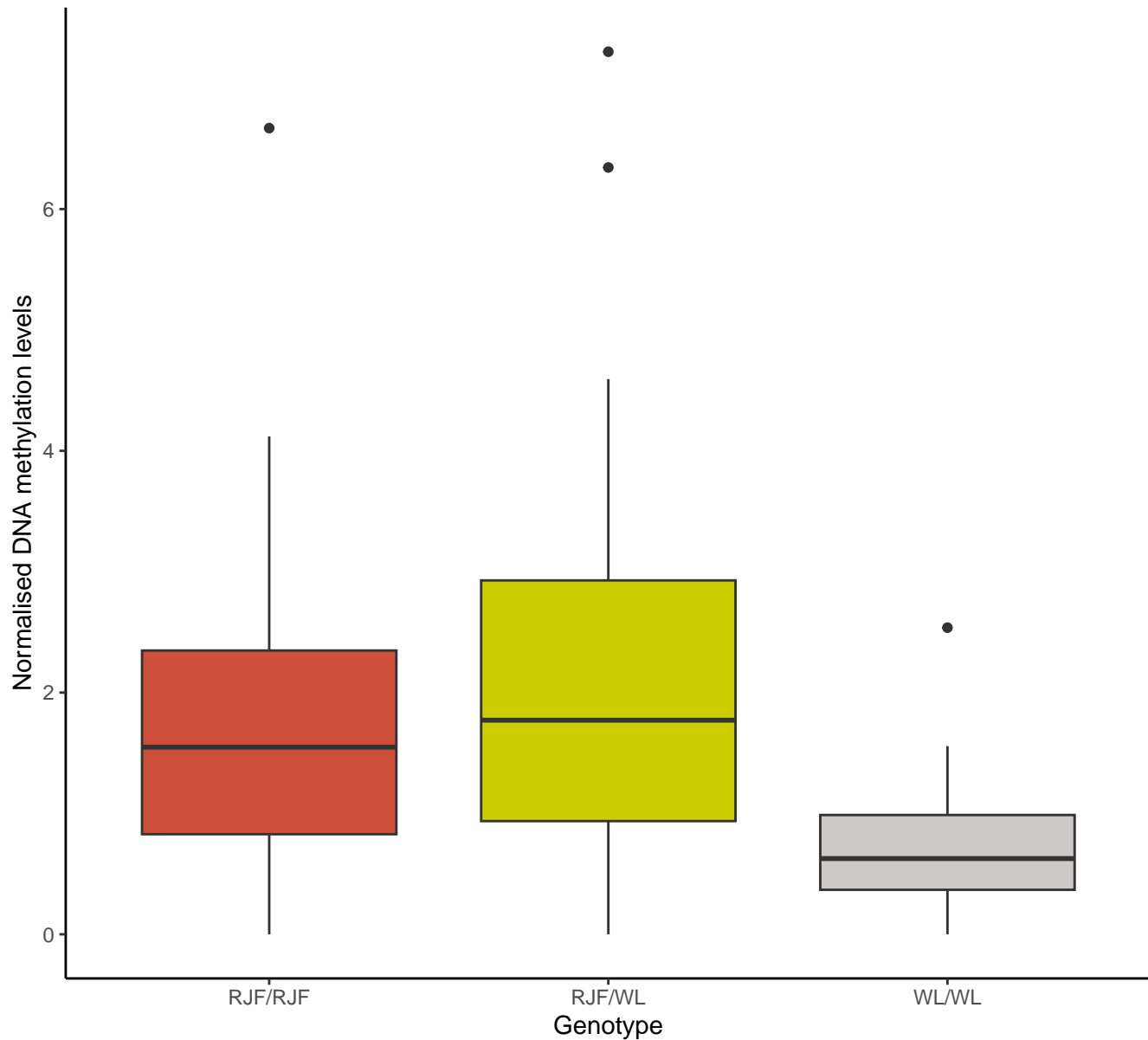
trans mQTL | chr1 @ 1412.38cM | LOD: 6.2
Methbin: chrZ_28705000 | marker: Gg_rs14858437
CI: chr1:1408.1–1500.49cM



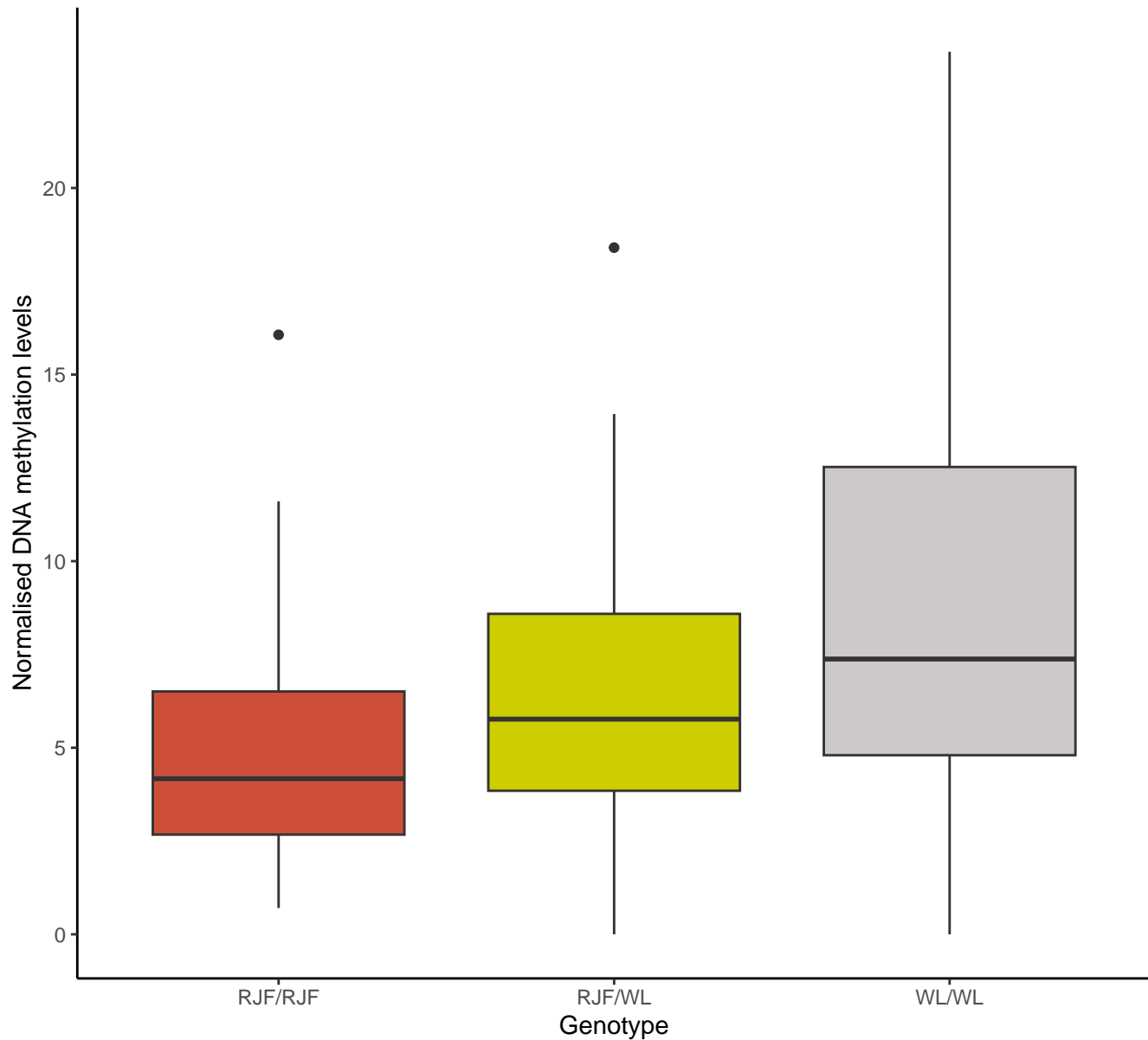
trans mQTL | chr8@172cM | LOD: 5.99
Methbin: chrZ_30057000 | marker:Gg_rs14652282
CI: chr8:138.8–219.11cM



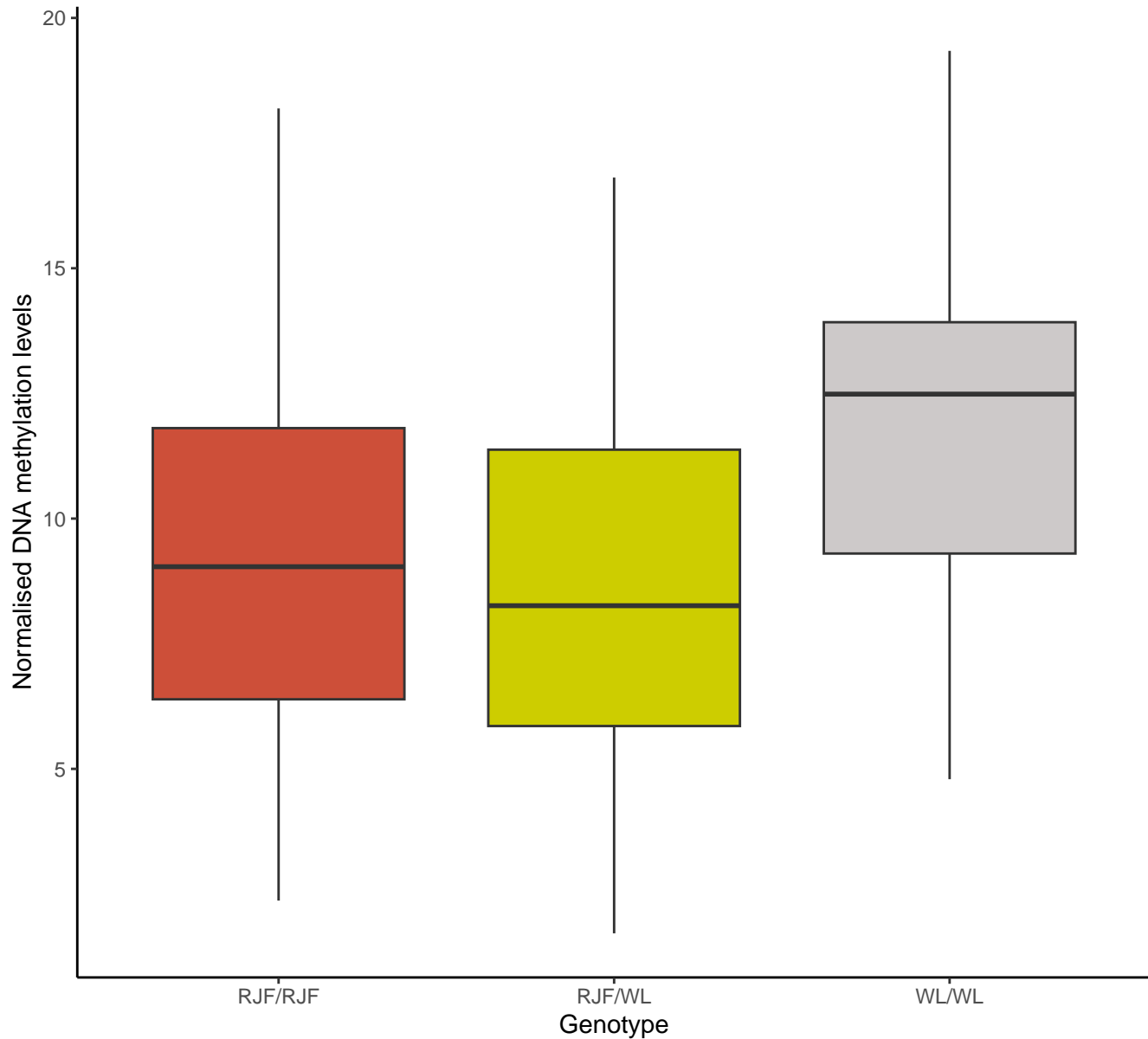
trans mQTL | chr8@0cM | LOD: 6.01
Methbin: chrZ_36352000 | marker:RBL4827
CI: chr8:0–21.19cM



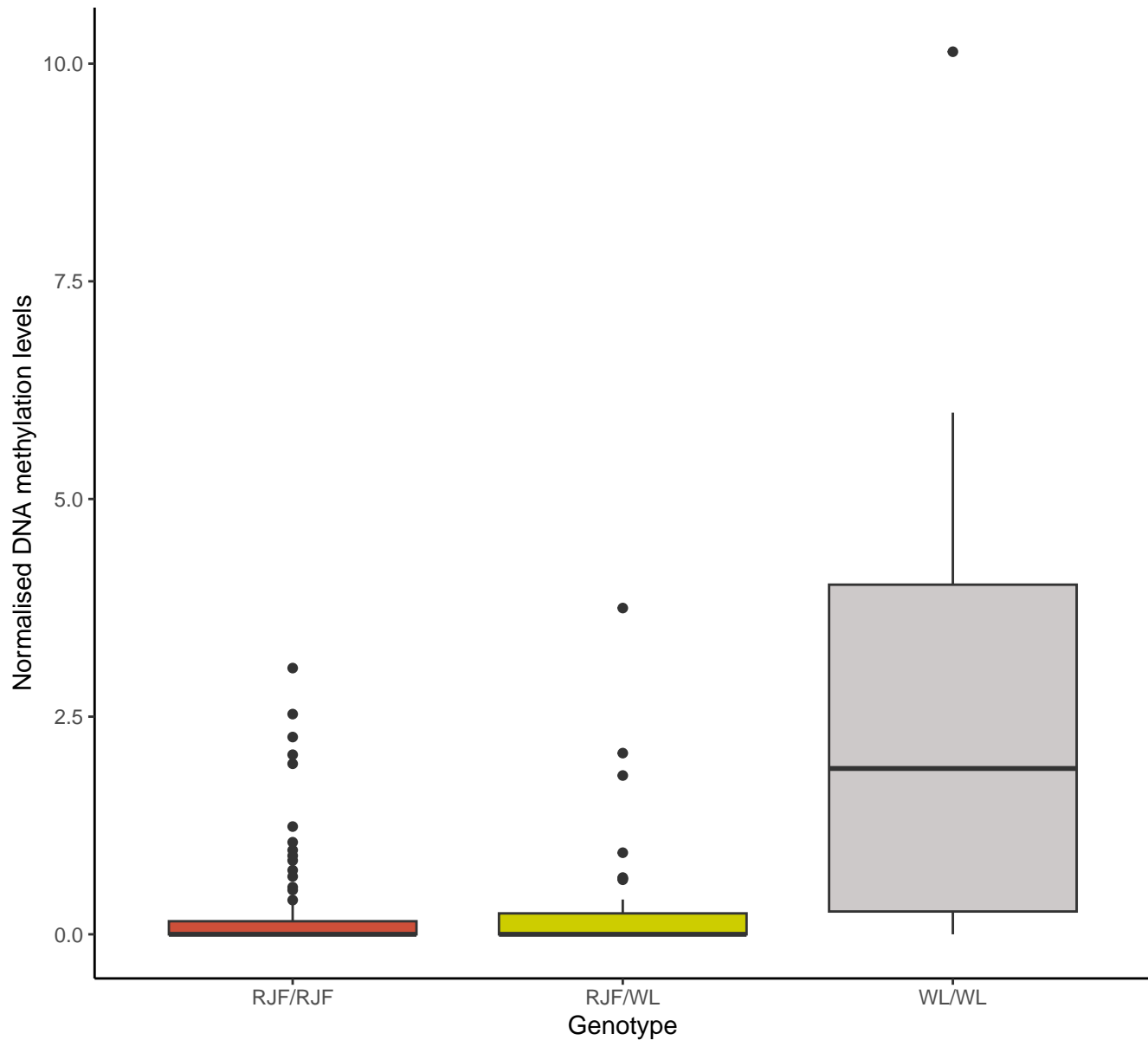
trans mQTL | chr28@52.38cM | LOD: 6.63
Methbin: chrZ_42922000 | marker:Gg_rs15247667
CI: chr28:26.97–107.33cM



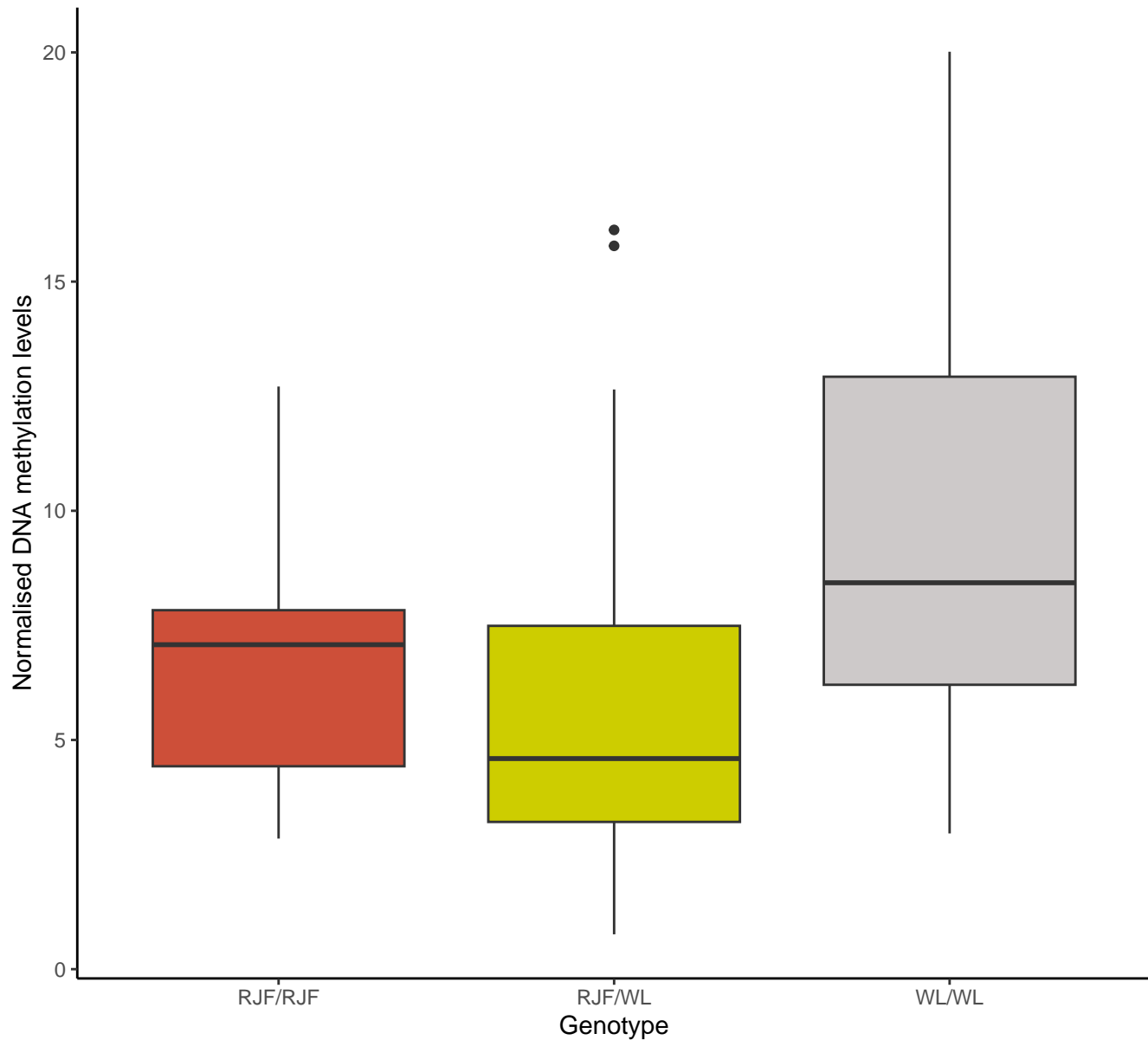
trans mQTL | chr5@318.36cM | LOD: 5.96
Methbin: chrZ_45381000 | marker:Gg_rs15718481
CI: chr5:310.49–357.54cM



trans mQTL | chr3@416cM | LOD: 8.92
Methbin: chrZ_47302000 | marker:Gg_rs14355077
CI: chr3:410.78–431.09cM



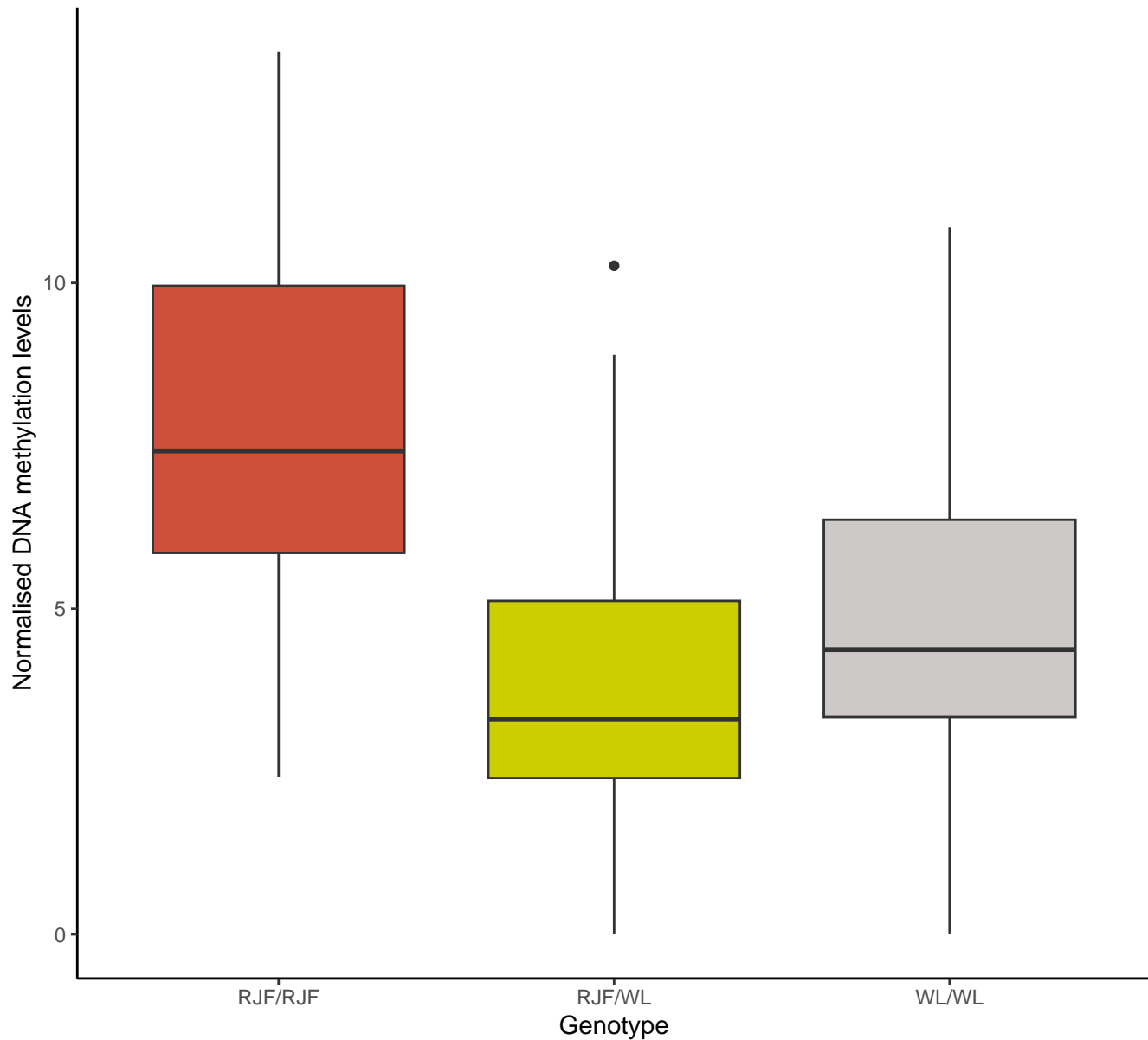
trans mQTL | chr2@98.38cM | LOD: 6.18
Methbin: chrZ_48892000 | marker:Gg_rs15060526
CI: chr2:90.91–145.68cM



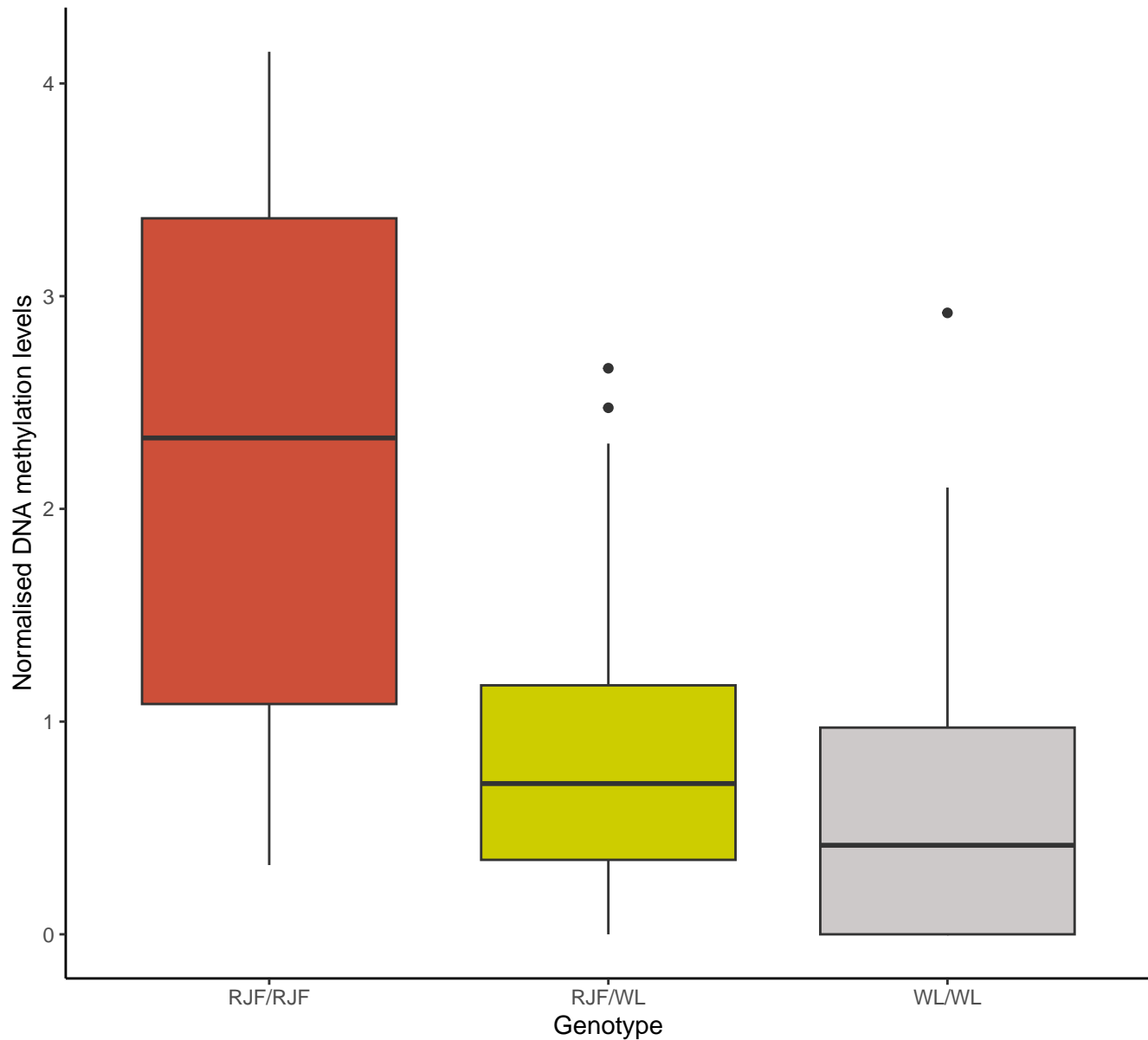
trans mQTL | chr5@182.4cM | LOD: 7.43

Methbin: chrZ_54306000 | marker:Gg_rs15679503

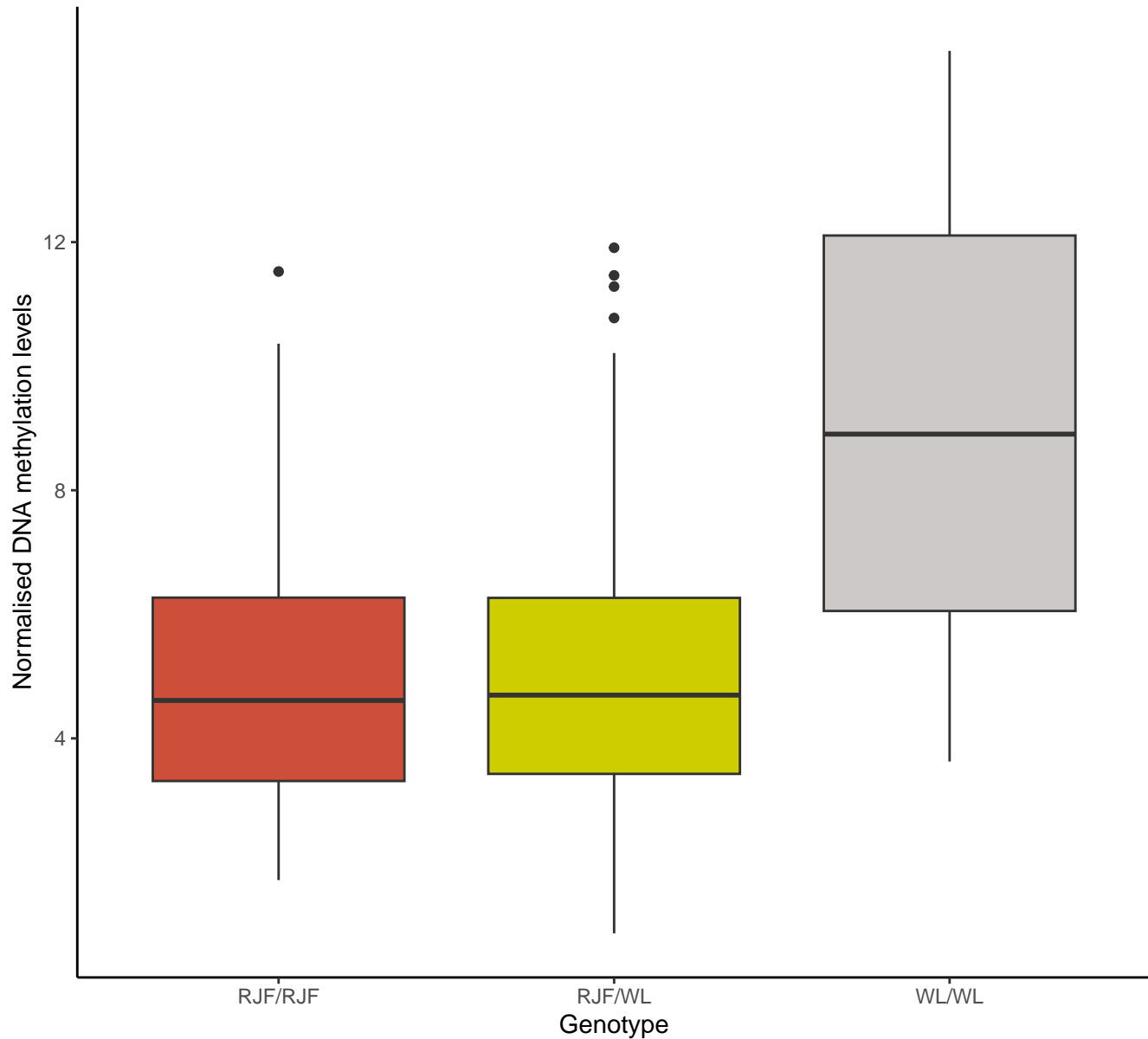
CI: chr5:131.24–200.39cM



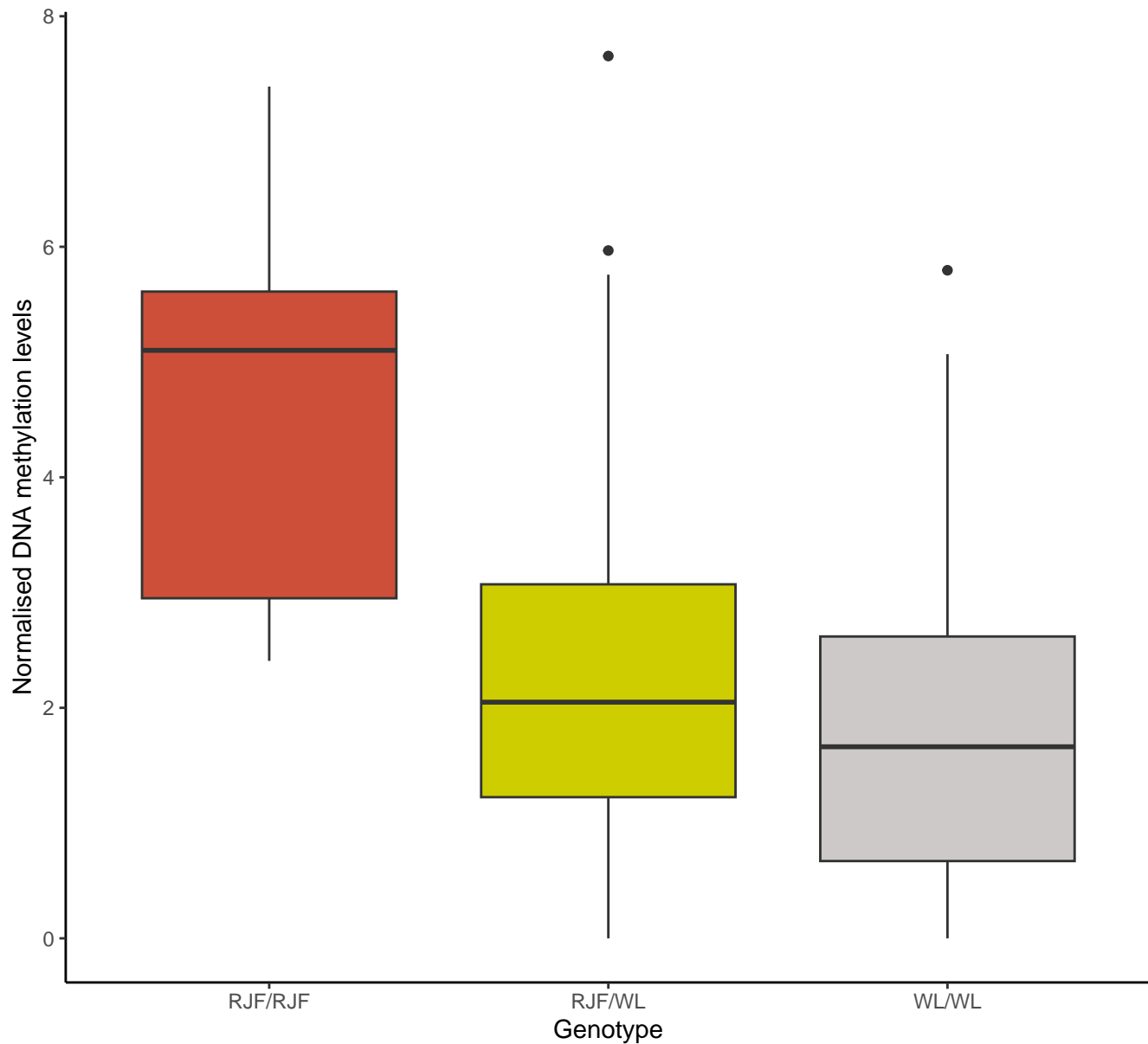
trans mQTL | chr12@57.81cM | LOD: 8.61
Methbin: chrZ_56418000 | marker:Gg_rs13609494
CI: chr12:34.82–85.17cM



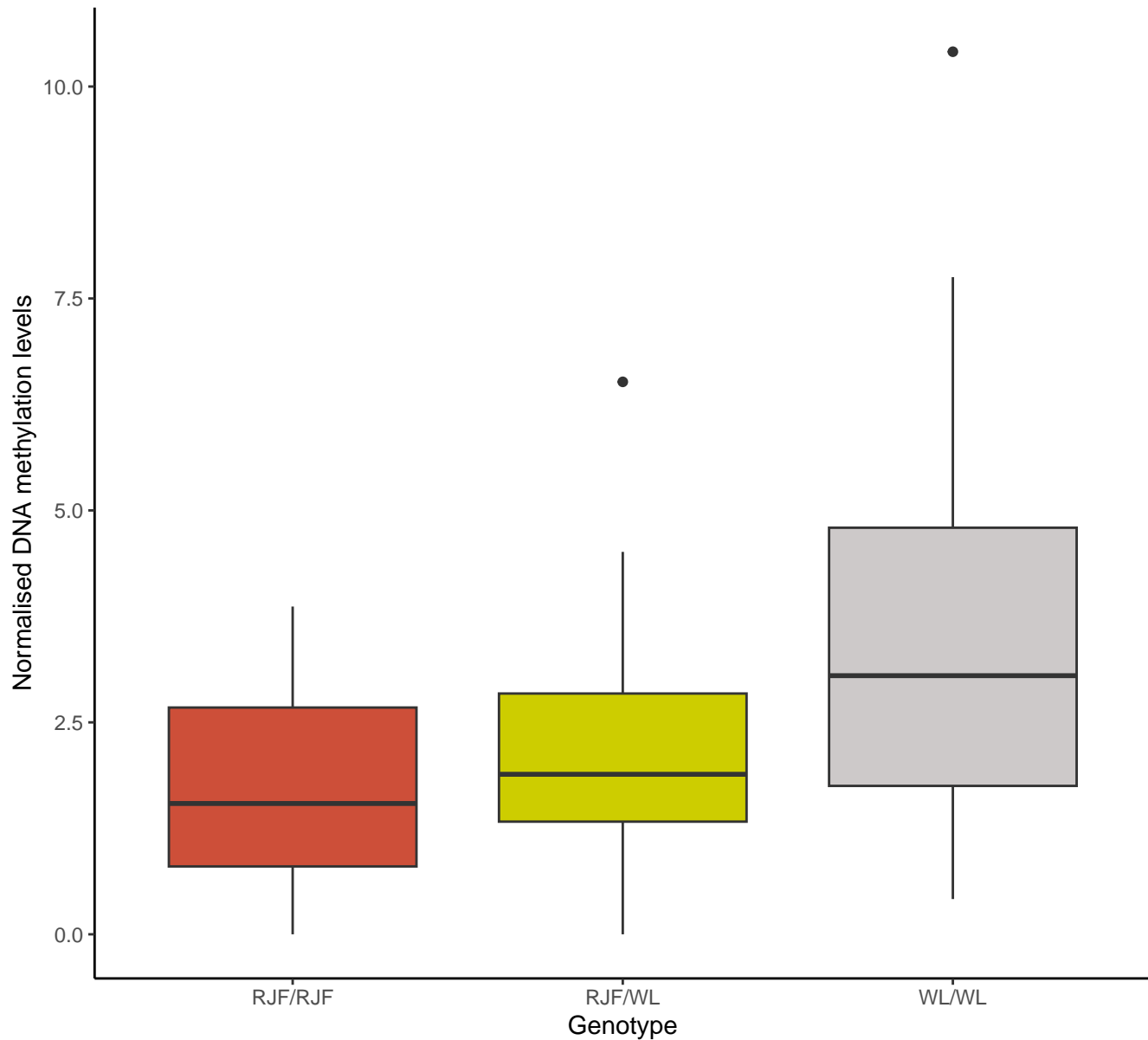
trans mQTL | chr1 @2094.38cM | LOD: 6.76
Methbin: chrZ_58916000 | marker:X1_185988681
CI: chr1:2078.36–2210.81cM



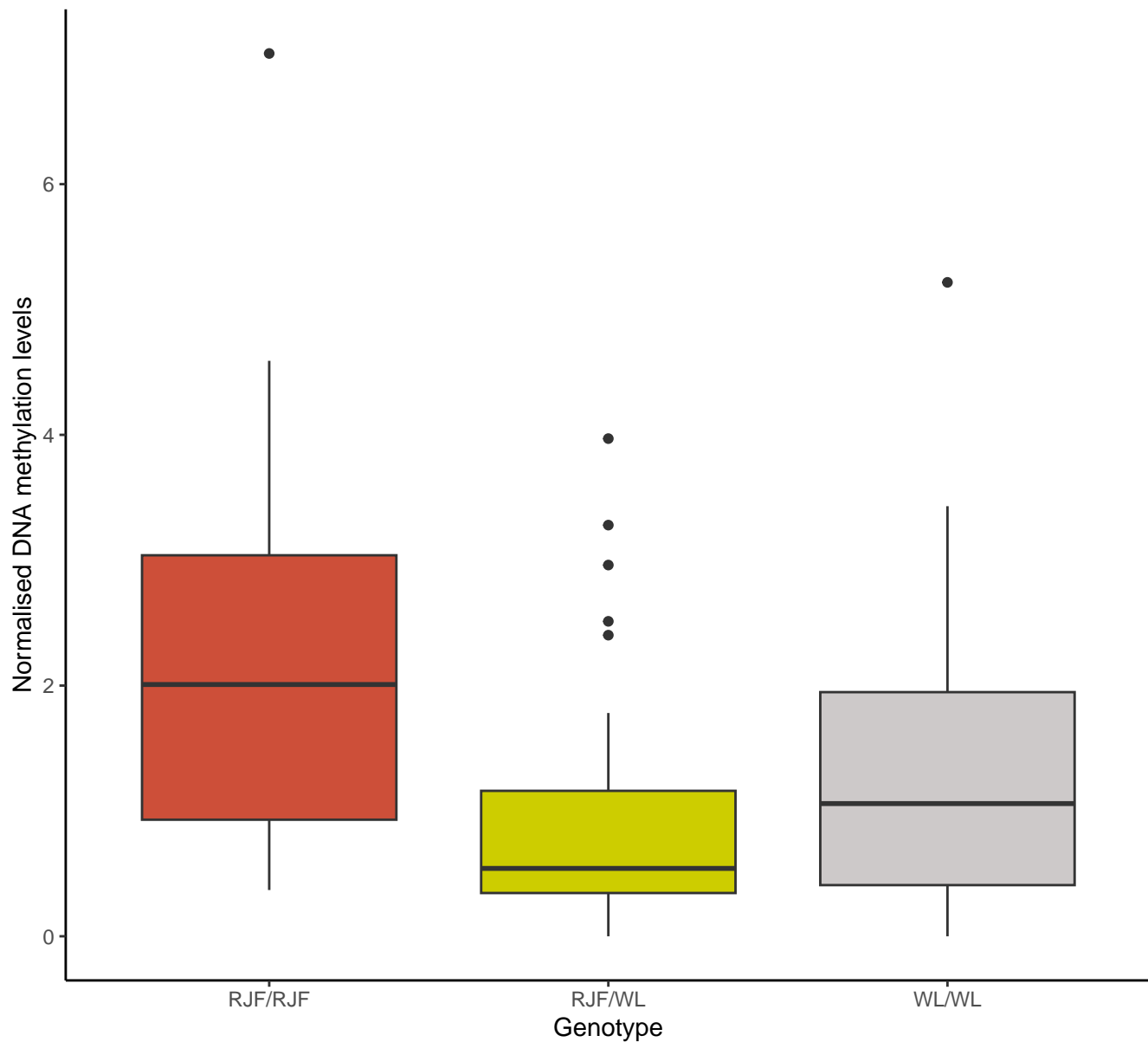
trans mQTL | chr5@182.4cM | LOD: 6.56
Methbin: chrZ_59368000 | marker:Gg_rs15679503
CI: chr5:131.24–200.39cM



trans mQTL | chr11@17cM | LOD: 6.78
Methbin: chrZ_60668000 | marker:Gg_rs14019836
CI: chr11:0–35.84cM



trans mQTL | chr2@1192.91cM | LOD: 6.19
Methbin: chrZ_71505000 | marker:Gg_rs14258054
CI: chr2:1189.59–1275.66cM



trans mQTL | chr3@577cM | LOD: 6.4
Methbin: chrZ_72948000 | marker:Gg_rs15416272
CI: chr3:431.09–610.92cM

