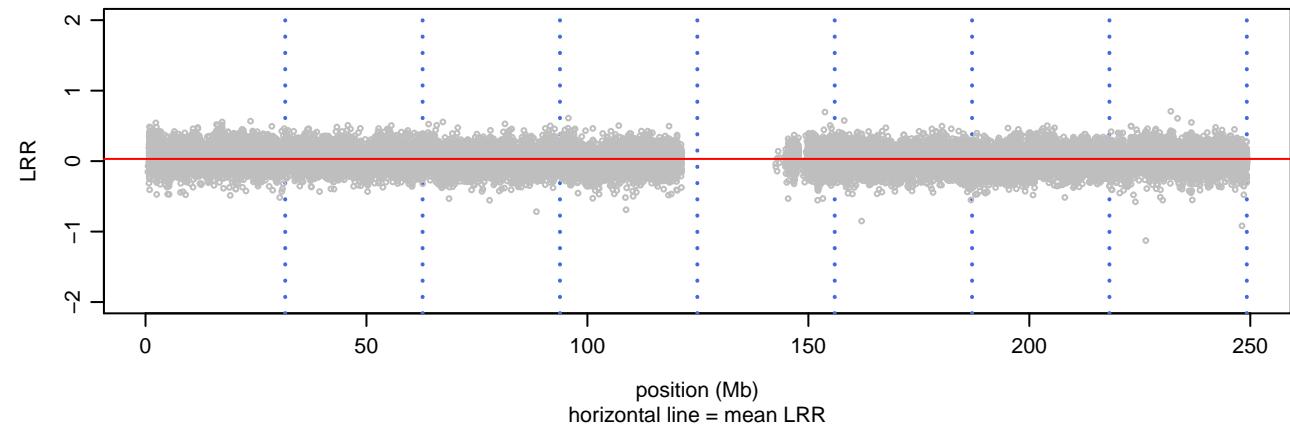
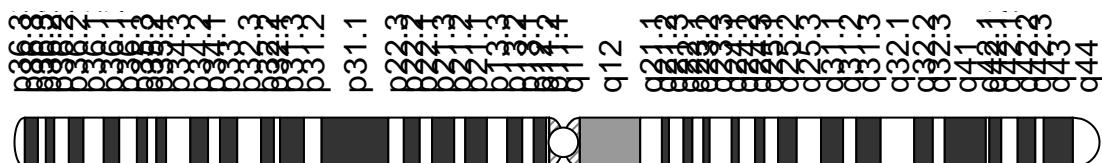
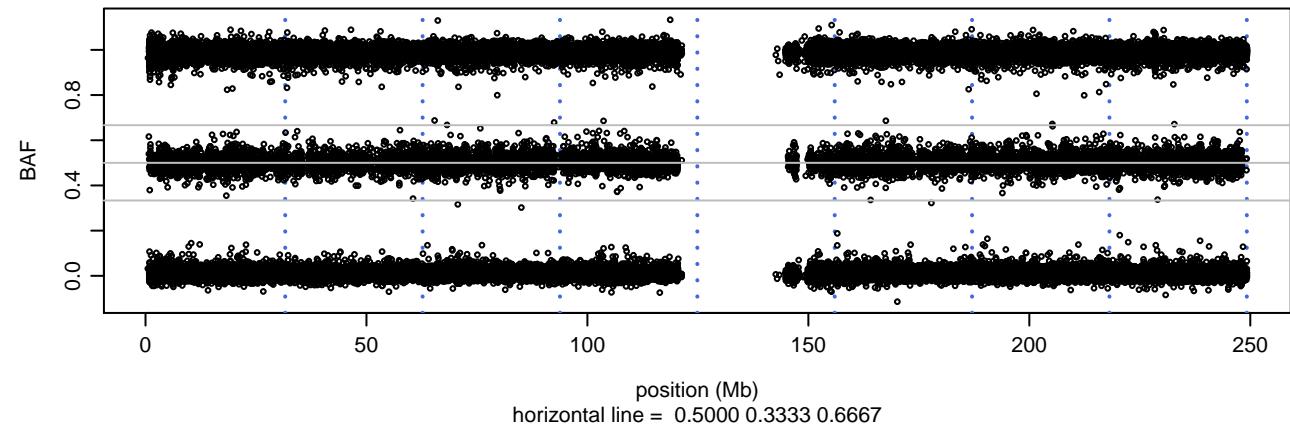


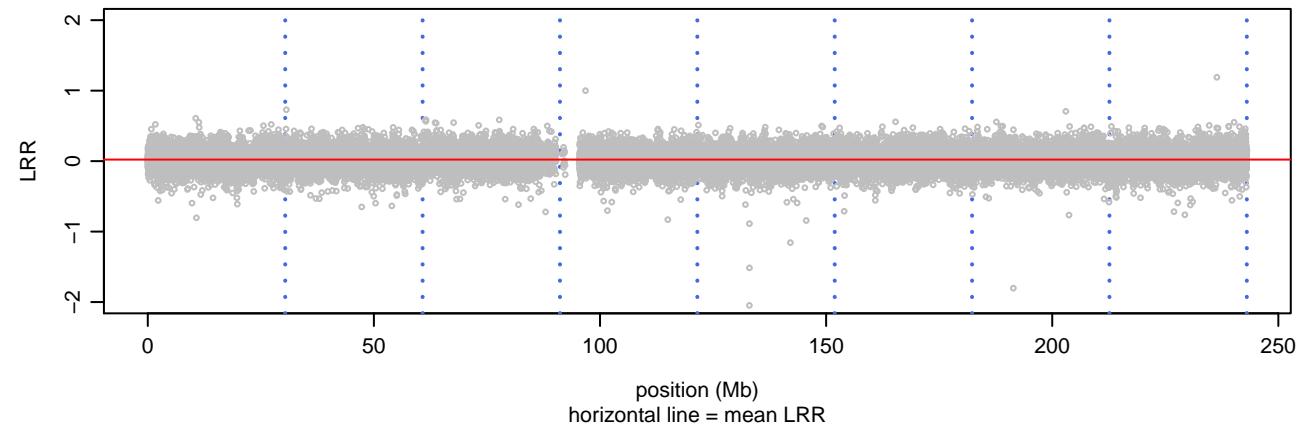
Scan 280 – Chromosome 1 – GBA_D448V_A07



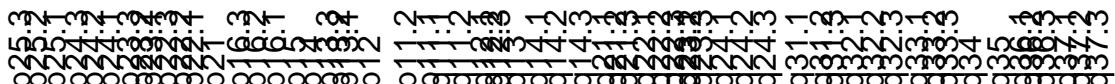
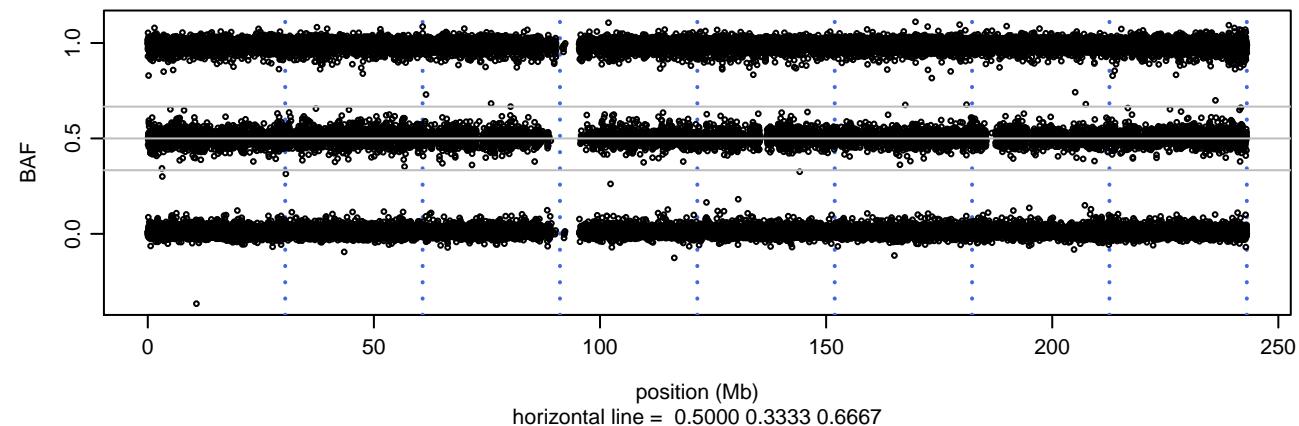
green=AA, orange=AB, purple=BB, black=missing



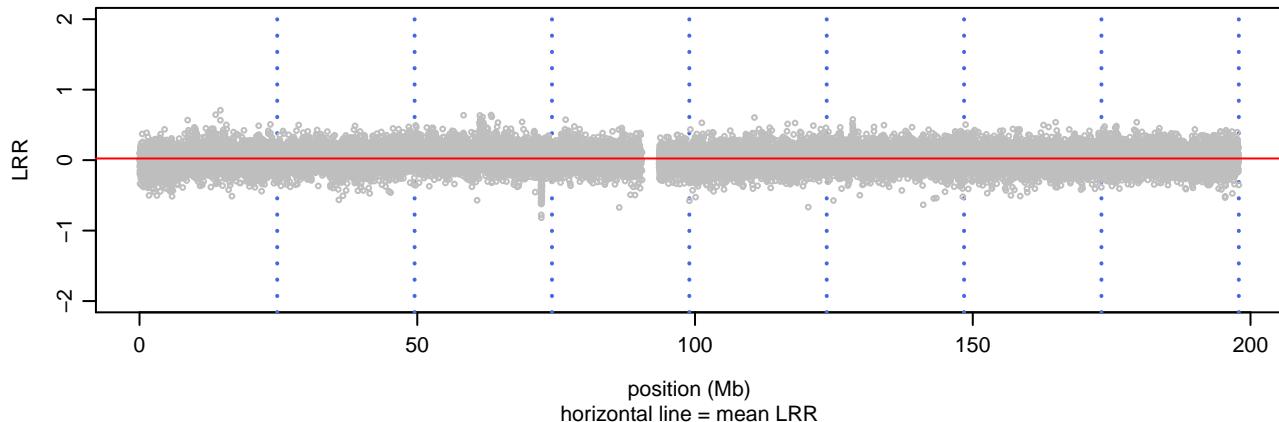
Scan 280 – Chromosome 2 – GBA_D448V_A07



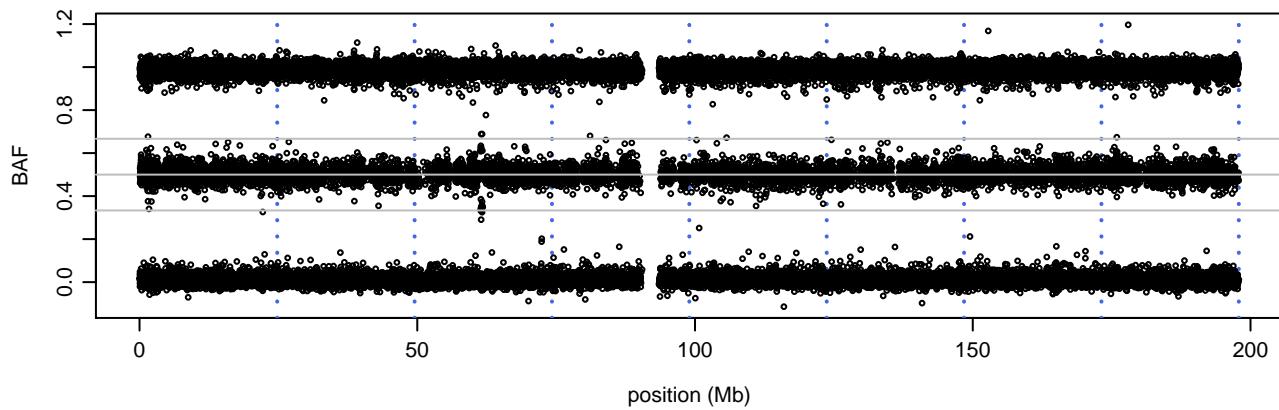
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 3 – GBA_D448V_A07



green=AA, orange=AB, purple=BB, black=missing

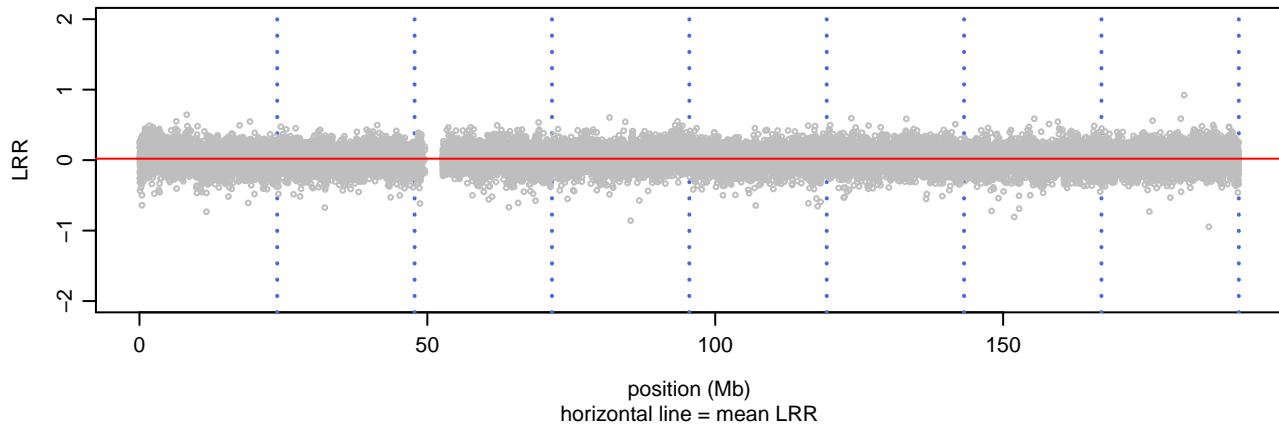


horizontal line = 0.5000 0.3333 0.6667

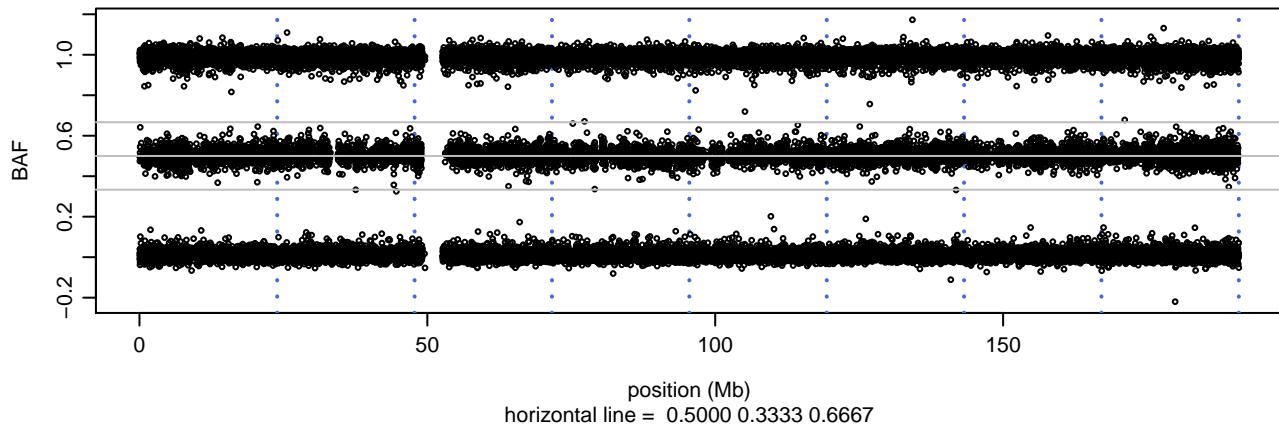
2014-2015 3.21 2014-2015 3.22
2014-2015 4.1 2014-2015 4.2
2014-2015 4.3 2014-2015 4.4
2014-2015 4.5 2014-2015 4.6
2014-2015 4.7 2014-2015 4.8
2014-2015 4.9 2014-2015 4.10
2014-2015 4.11 2014-2015 4.12
2014-2015 4.13 2014-2015 4.14
2014-2015 4.15 2014-2015 4.16
2014-2015 4.17 2014-2015 4.18
2014-2015 4.19 2014-2015 4.20
2014-2015 4.21 2014-2015 4.22
2014-2015 4.23 2014-2015 4.24
2014-2015 4.25 2014-2015 4.26
2014-2015 4.27 2014-2015 4.28
2014-2015 4.29 2014-2015 4.30
2014-2015 4.31 2014-2015 4.32
2014-2015 4.33 2014-2015 4.34
2014-2015 4.35 2014-2015 4.36
2014-2015 4.37 2014-2015 4.38
2014-2015 4.39 2014-2015 4.40
2014-2015 4.41 2014-2015 4.42
2014-2015 4.43 2014-2015 4.44
2014-2015 4.45 2014-2015 4.46
2014-2015 4.47 2014-2015 4.48
2014-2015 4.49 2014-2015 4.50
2014-2015 4.51 2014-2015 4.52
2014-2015 4.53 2014-2015 4.54
2014-2015 4.55 2014-2015 4.56
2014-2015 4.57 2014-2015 4.58
2014-2015 4.59 2014-2015 4.60
2014-2015 4.61 2014-2015 4.62
2014-2015 4.63 2014-2015 4.64
2014-2015 4.65 2014-2015 4.66
2014-2015 4.67 2014-2015 4.68
2014-2015 4.69 2014-2015 4.70
2014-2015 4.71 2014-2015 4.72
2014-2015 4.73 2014-2015 4.74
2014-2015 4.75 2014-2015 4.76
2014-2015 4.77 2014-2015 4.78
2014-2015 4.79 2014-2015 4.80
2014-2015 4.81 2014-2015 4.82
2014-2015 4.83 2014-2015 4.84
2014-2015 4.85 2014-2015 4.86
2014-2015 4.87 2014-2015 4.88
2014-2015 4.89 2014-2015 4.90
2014-2015 4.91 2014-2015 4.92
2014-2015 4.93 2014-2015 4.94
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2014-2015 4.97 2014-2015 4.98
2014-2015 4.99 2014-2015 4.100



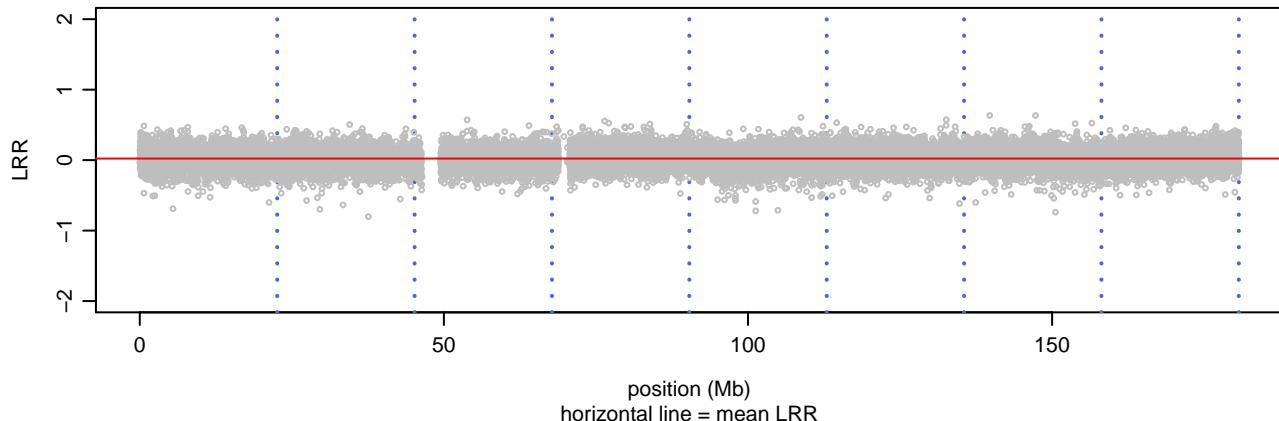
Scan 280 – Chromosome 4 – GBA_D448V_A07



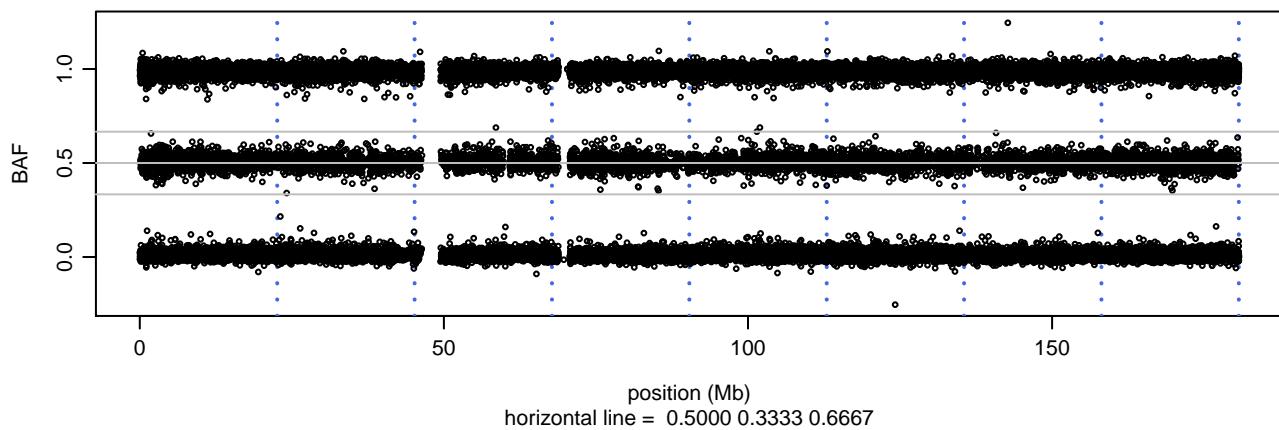
green=AA, orange=AB, purple=BB, black=missing



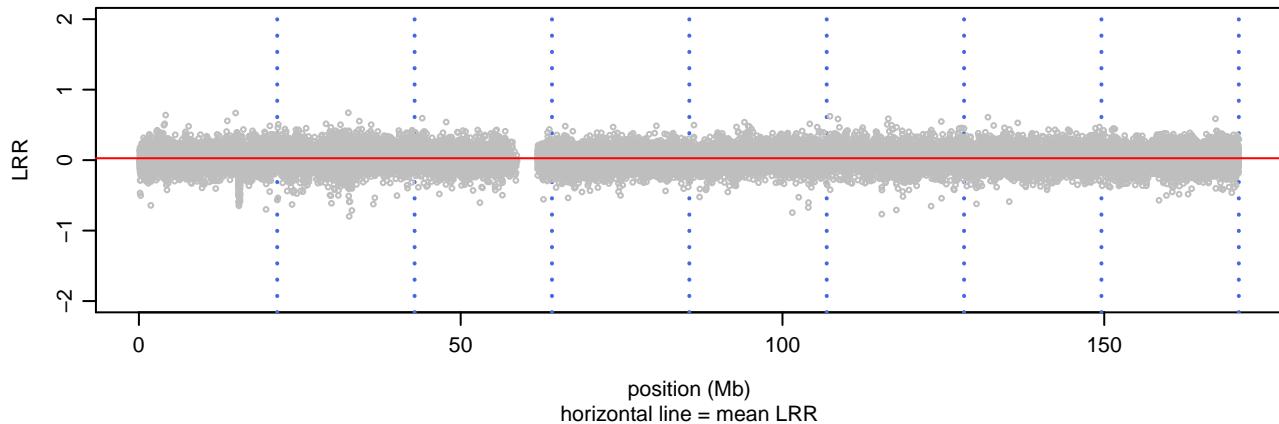
Scan 280 – Chromosome 5 – GBA_D448V_A07



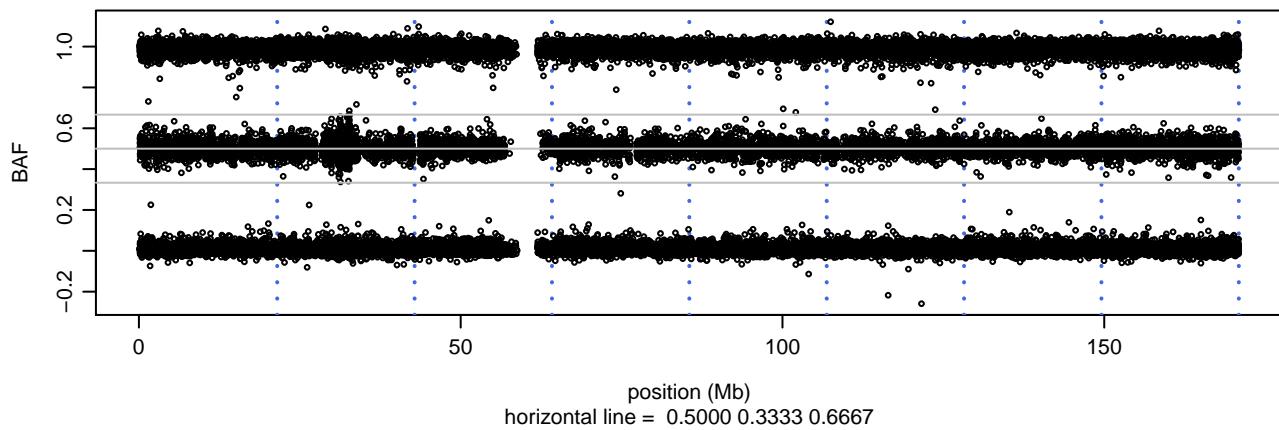
green=AA, orange=AB, purple=BB, black=missing



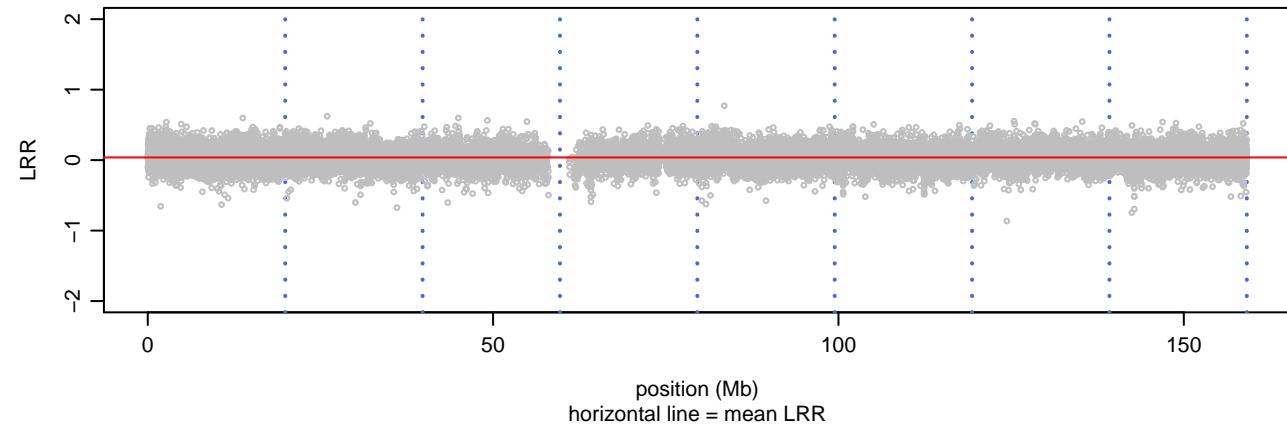
Scan 280 – Chromosome 6 – GBA_D448V_A07



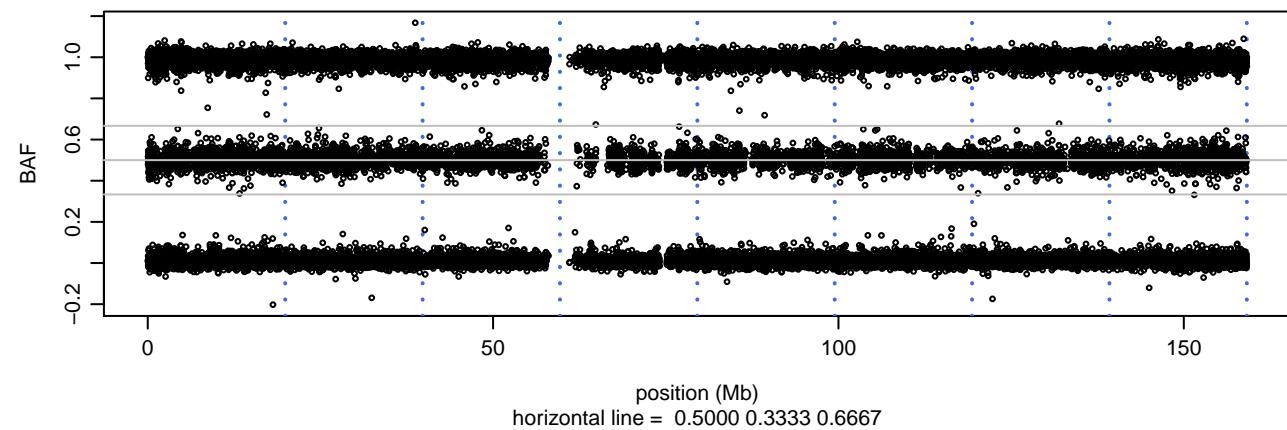
green=AA, orange=AB, purple=BB, black=missing



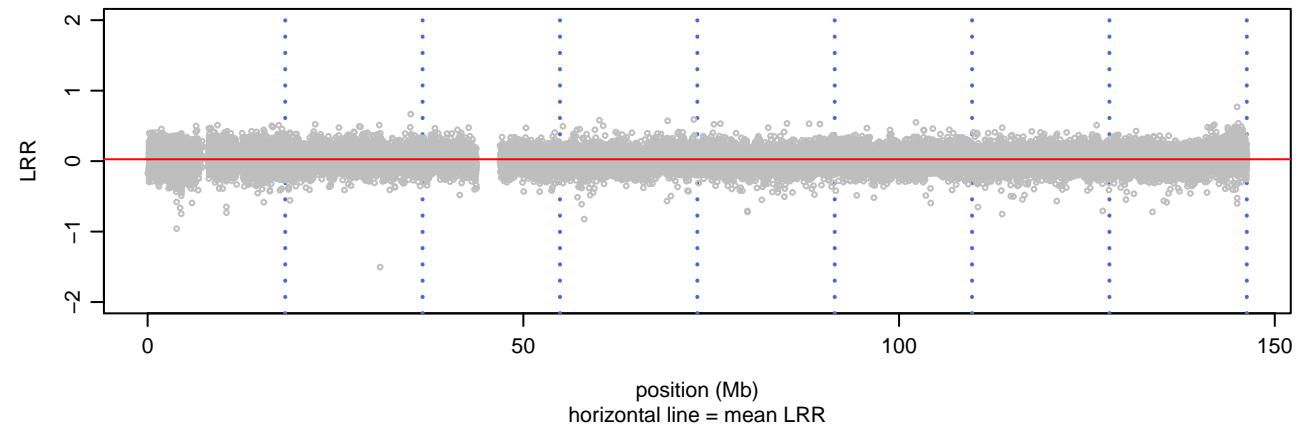
Scan 280 – Chromosome 7 – GBA_D448V_A07



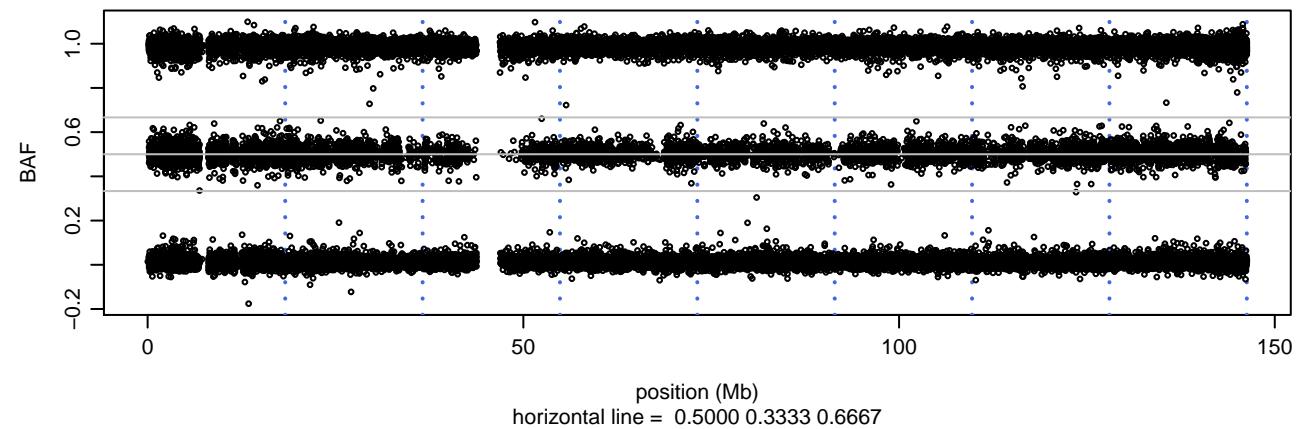
green=AA, orange=AB, purple=BB, black=missing



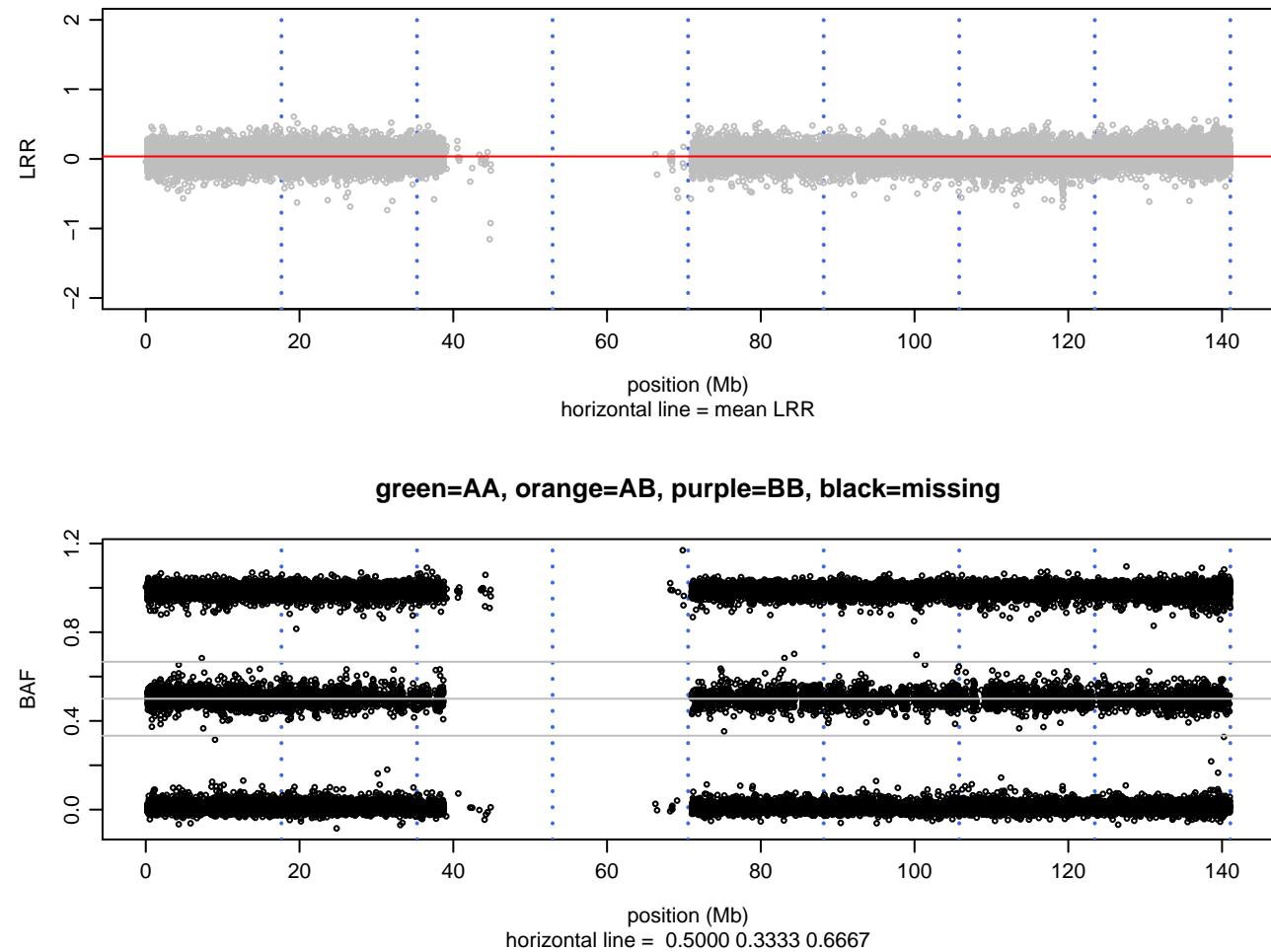
Scan 280 – Chromosome 8 – GBA_D448V_A07



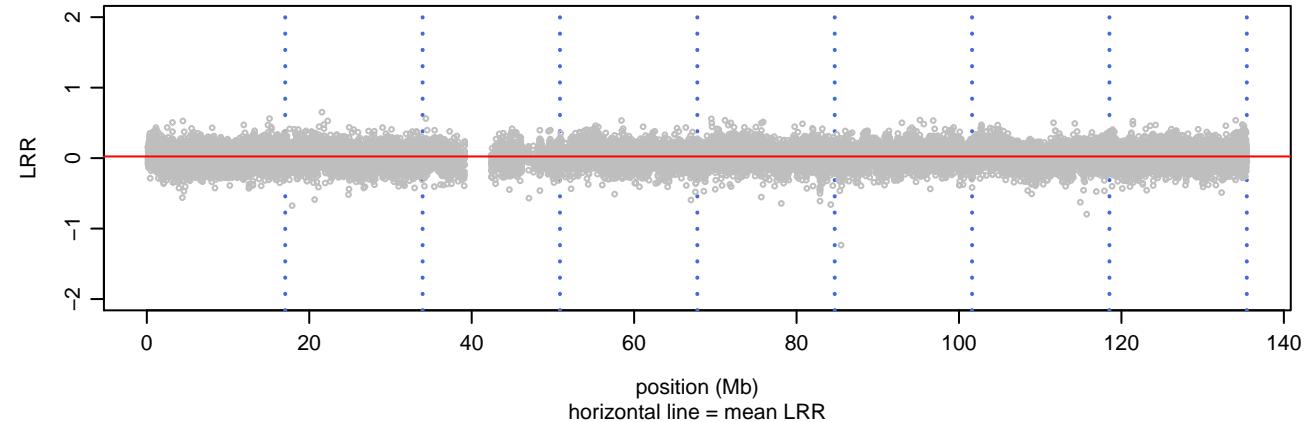
green=AA, orange=AB, purple=BB, black=missing



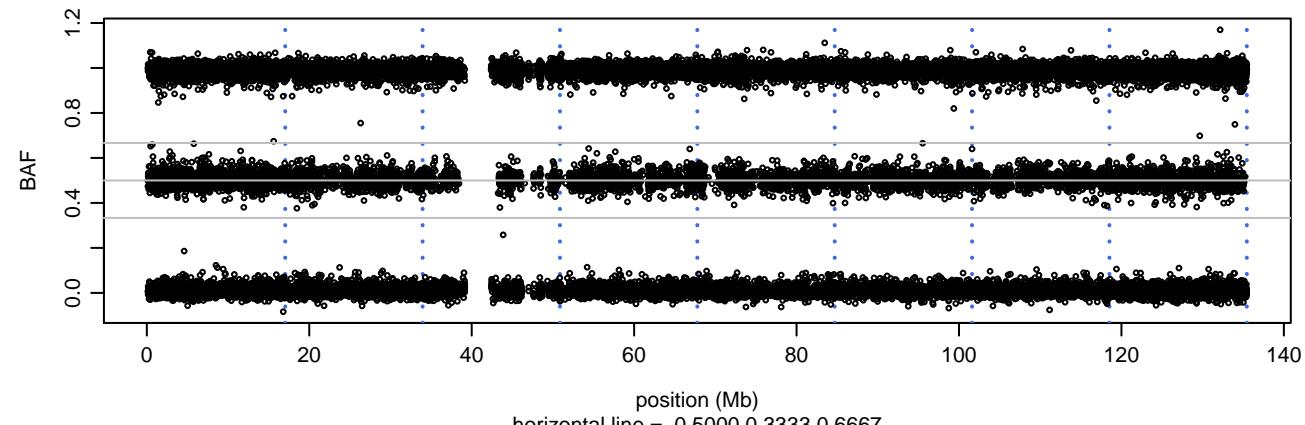
Scan 280 – Chromosome 9 – GBA_D448V_A07



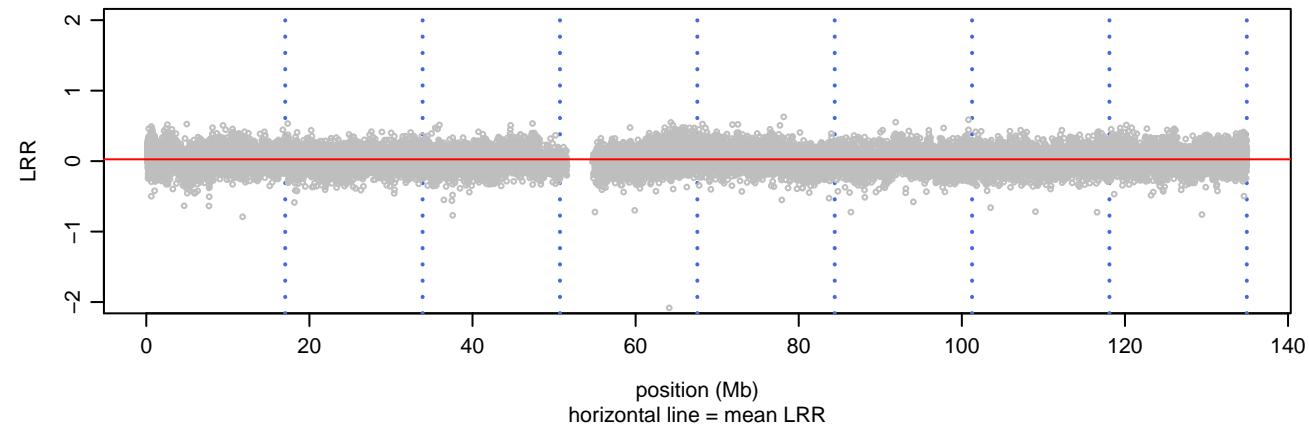
Scan 280 – Chromosome 10 – GBA_D448V_A07



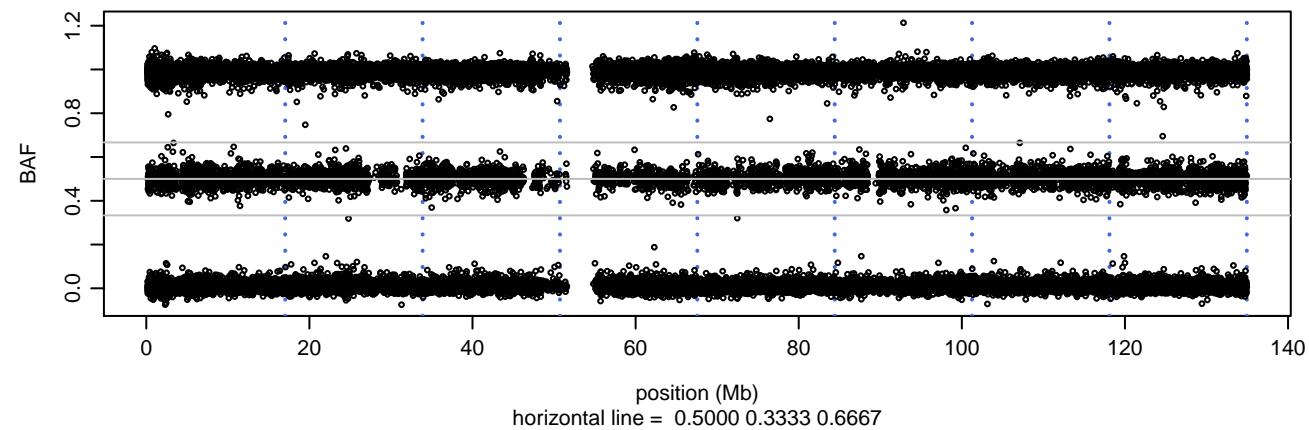
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 11 – GBA_D448V_A07



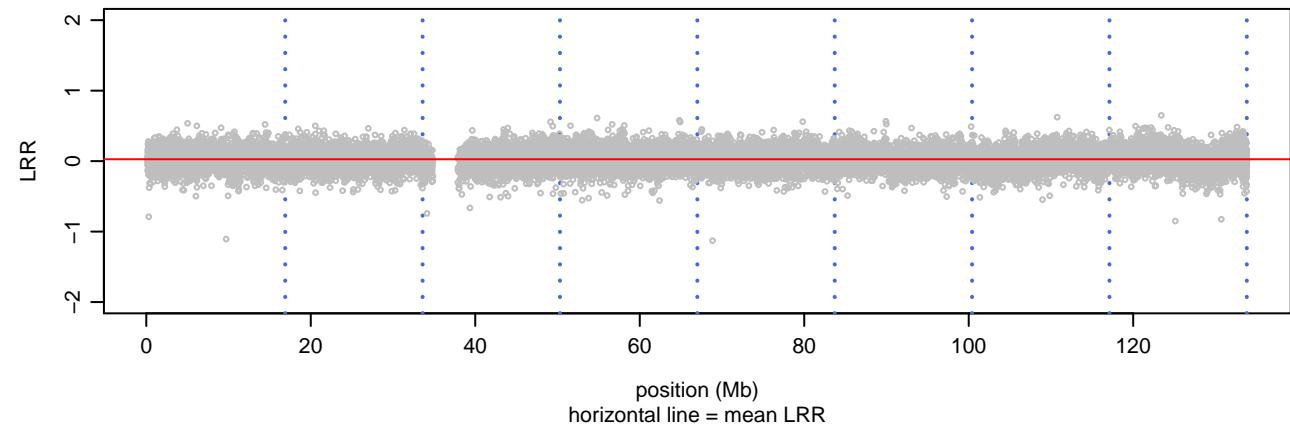
green=AA, orange=AB, purple=BB, black=missing



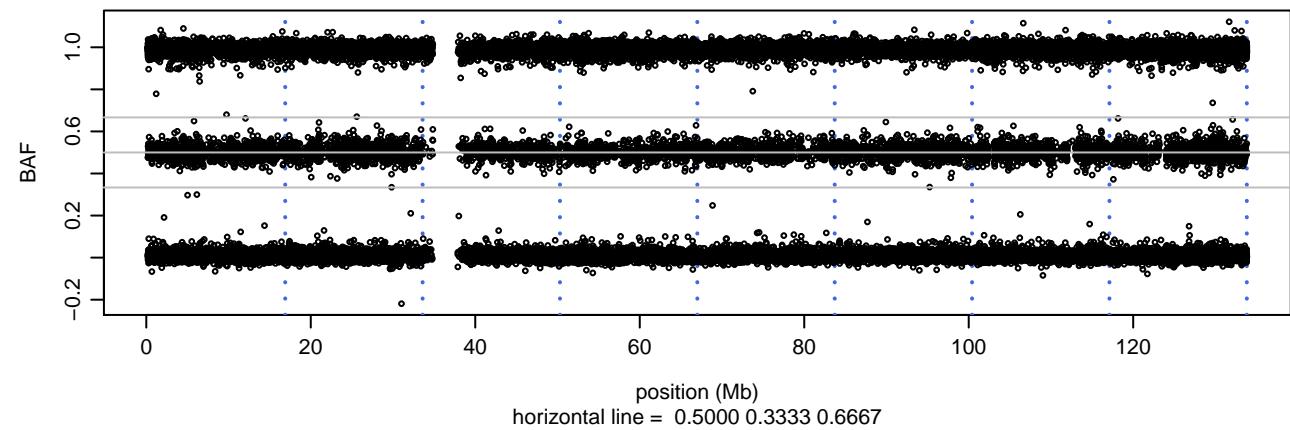
p15.5
p15.4
p15.3
p15.2
p15.1
p14.3
p14.2
p13
p12
p11.2
p11.1
p11.0
q14.1
q14.2
q14.3
q21
q22.1
q22.2
q22.3
q23.1
q23.2
q23.3
q24.1
q24.2
q24.3
q25



Scan 280 – Chromosome 12 – GBA_D448V_A07



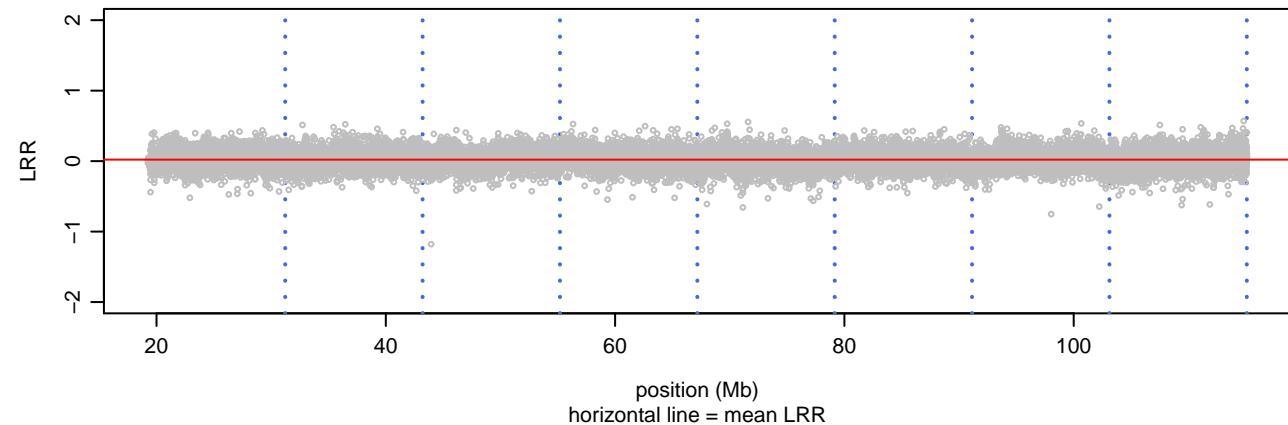
green=AA, orange=AB, purple=BB, black=missing



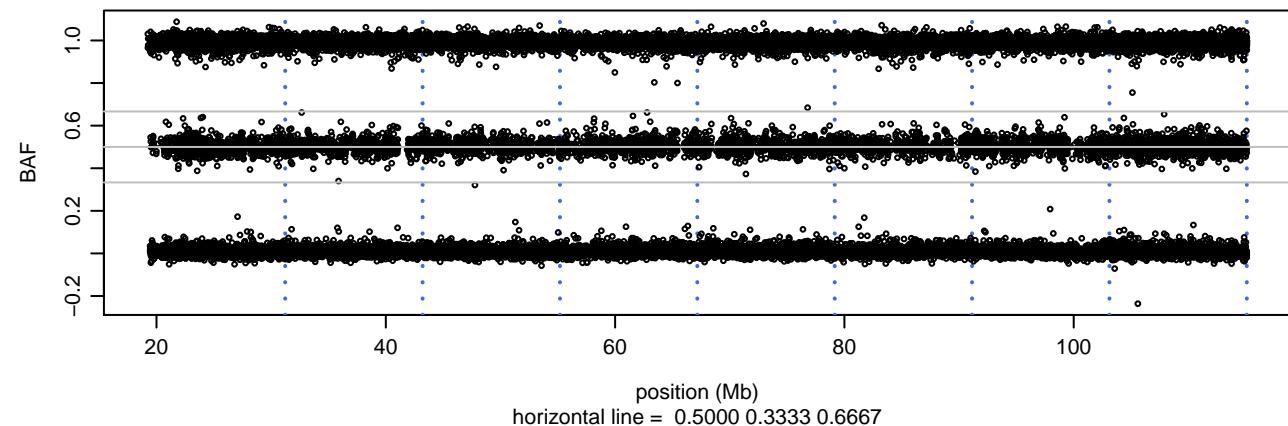
033333213212121
0333332122111112
012121212222222222
000000000000000000
q12 q11 q10 q9 q8 q7
033333444444444444
033333444444444444
000000000000000000
000000000000000000
q15 q14 q13 q12 q11
q21.1 q21.2 q21.3 q21.3
q22 q23.1 q23.2 q23.3
q23.2 q24.1 q24.2 q24.3
q24.3 q24.3 q24.3 q24.3



Scan 280 – Chromosome 13 – GBA_D448V_A07



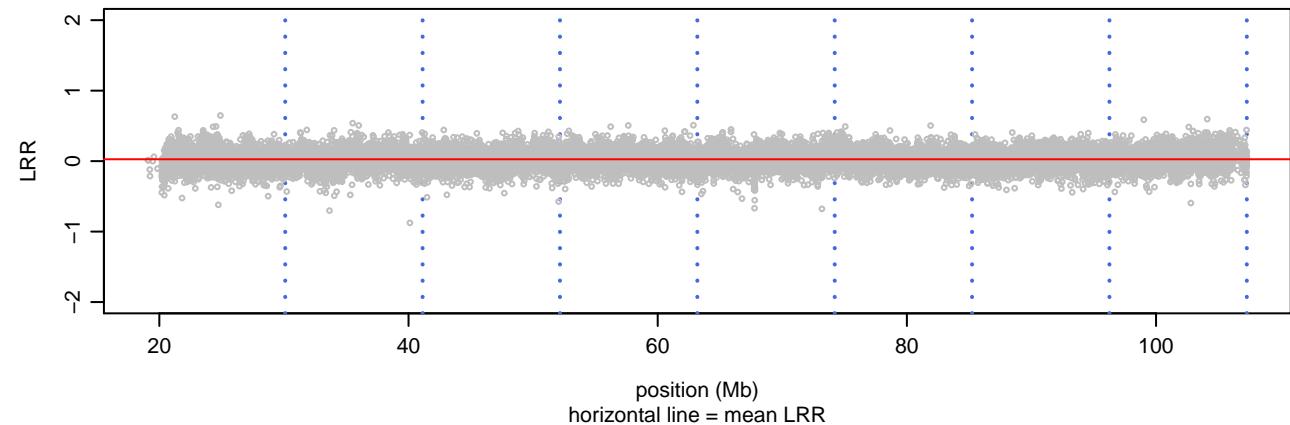
green=AA, orange=AB, purple=BB, black=missing



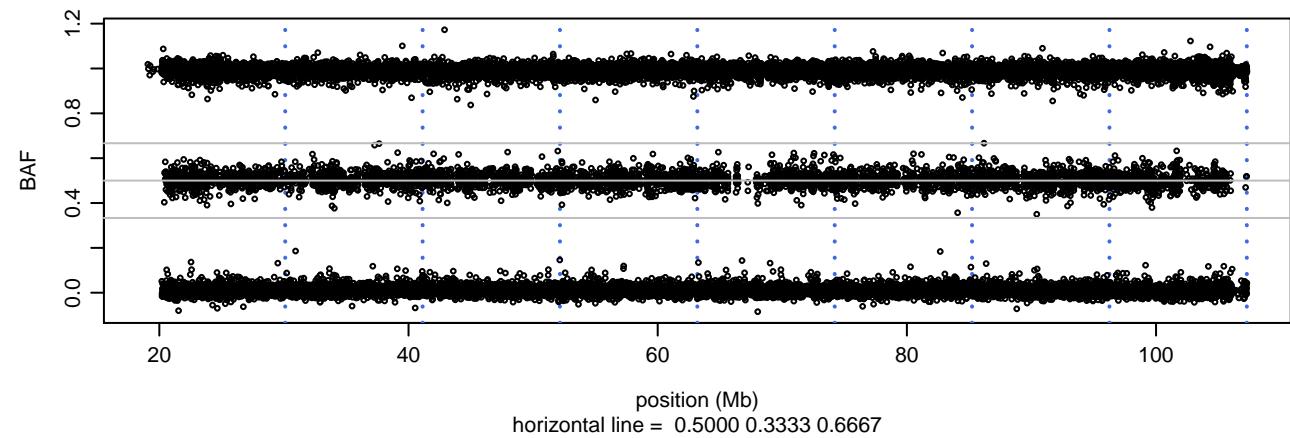
q11
q12.1
q12.2
q12.3
q13.1
q13.2
q13.3
q14.1
q14.2
q14.3
q21.1
q21.2
q21.3
q21.3
q22.1
q22.3
q31.1
q31.2
q31.3
q32.1
q32.2
q33.1
q33.2
q33.3
q34



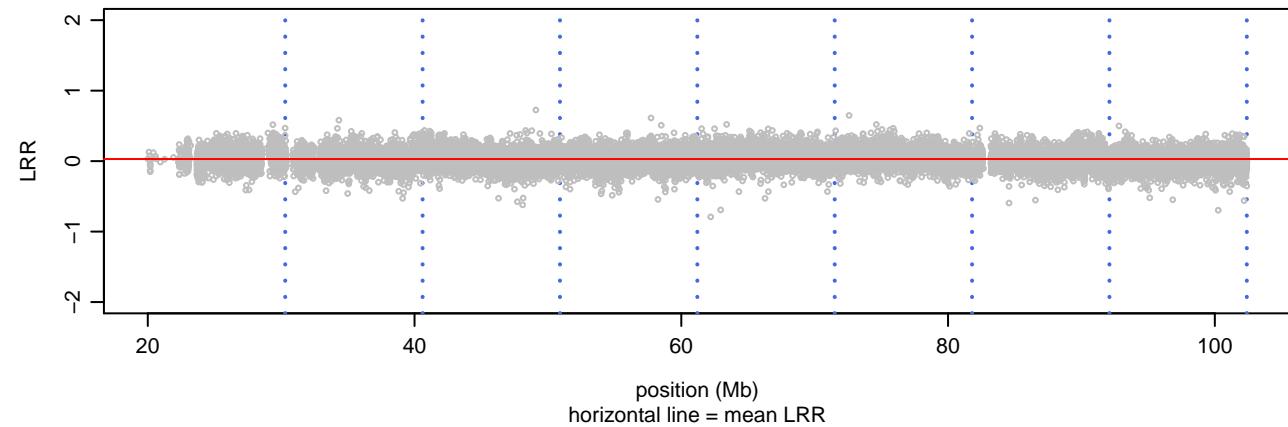
Scan 280 – Chromosome 14 – GBA_D448V_A07



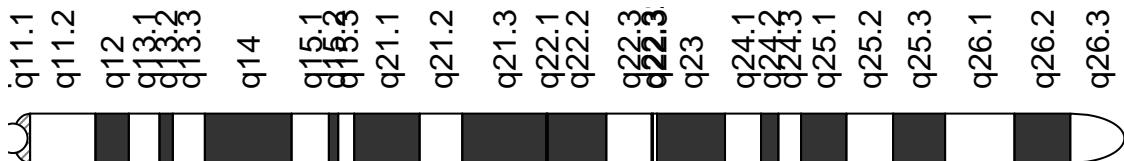
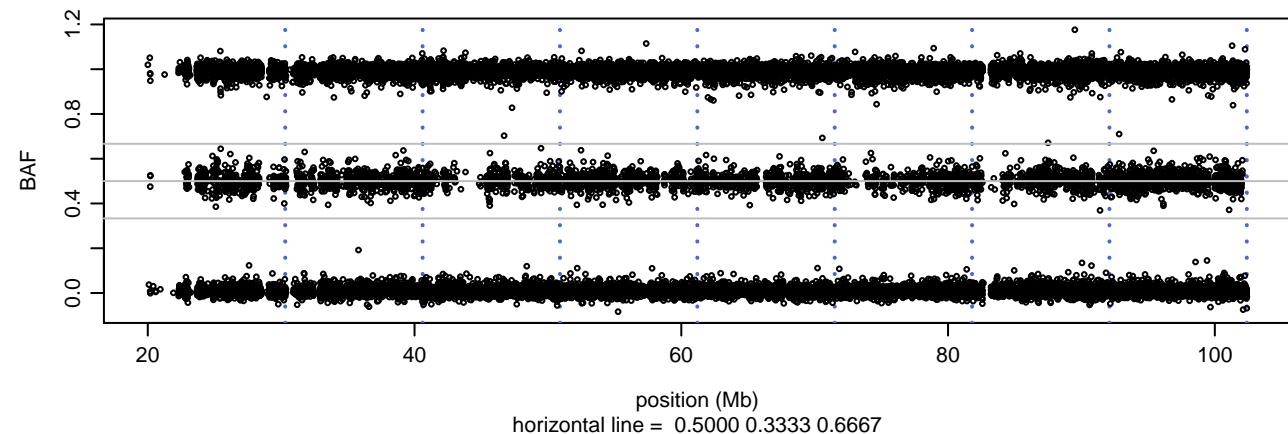
green=AA, orange=AB, purple=BB, black=missing



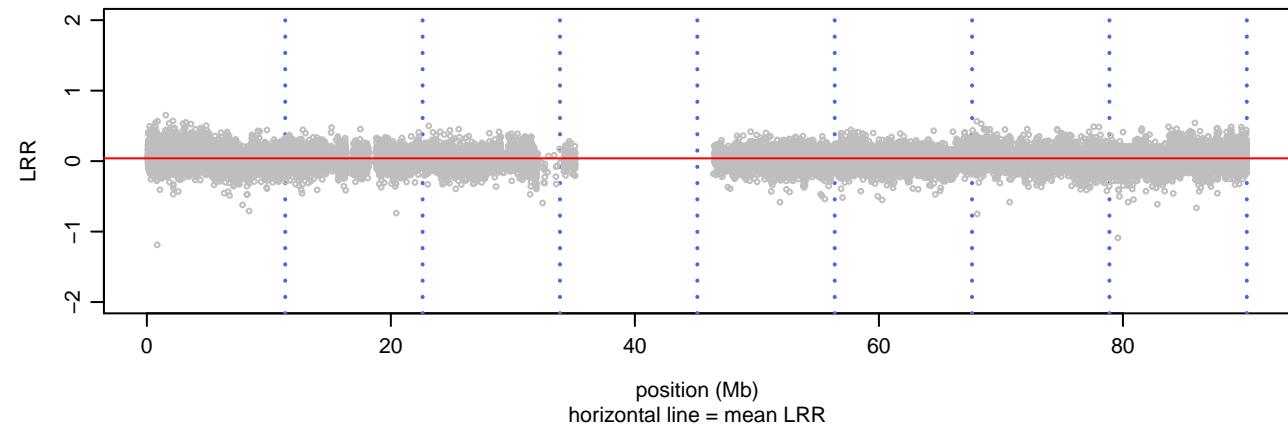
Scan 280 – Chromosome 15 – GBA_D448V_A07



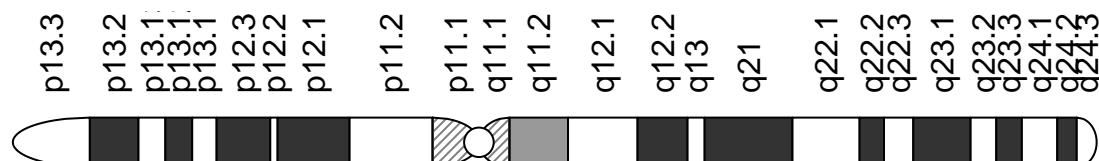
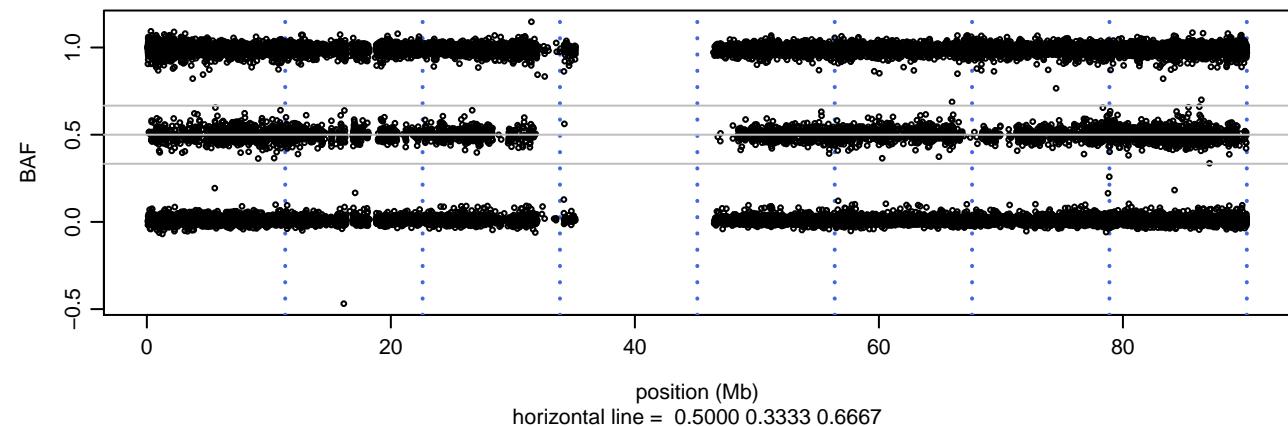
green=AA, orange=AB, purple=BB, black=missing



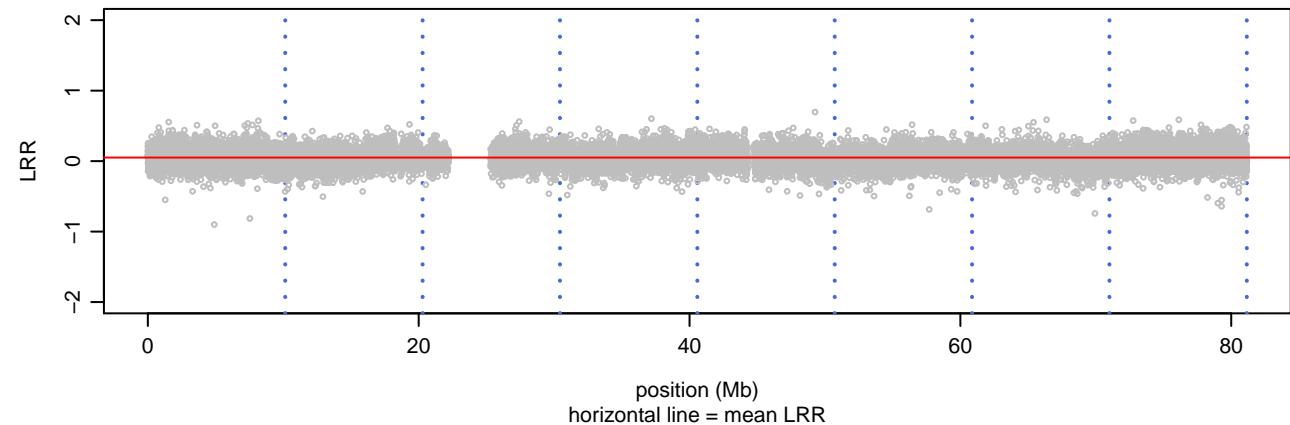
Scan 280 – Chromosome 16 – GBA_D448V_A07



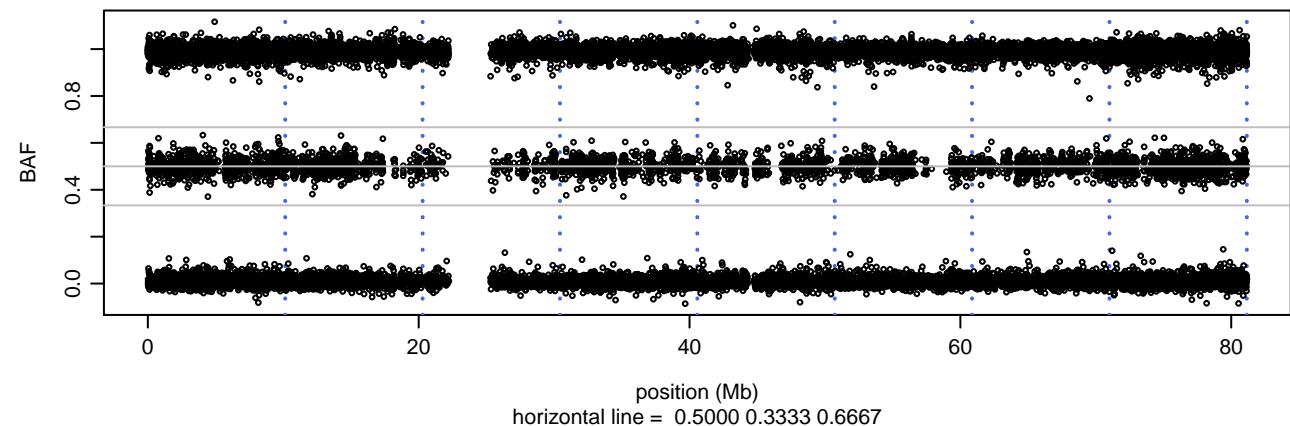
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 17 – GBA_D448V_A07



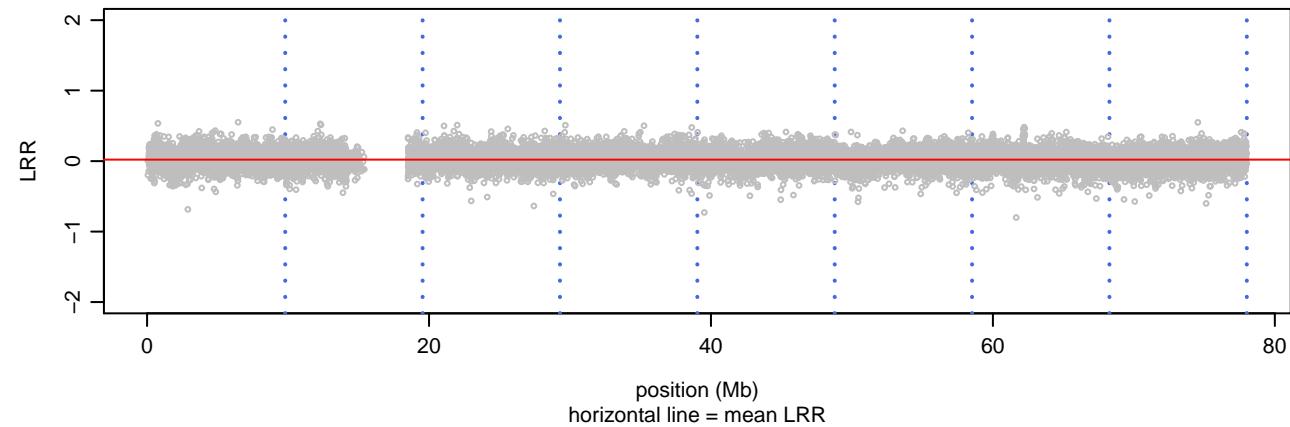
green=AA, orange=AB, purple=BB, black=missing



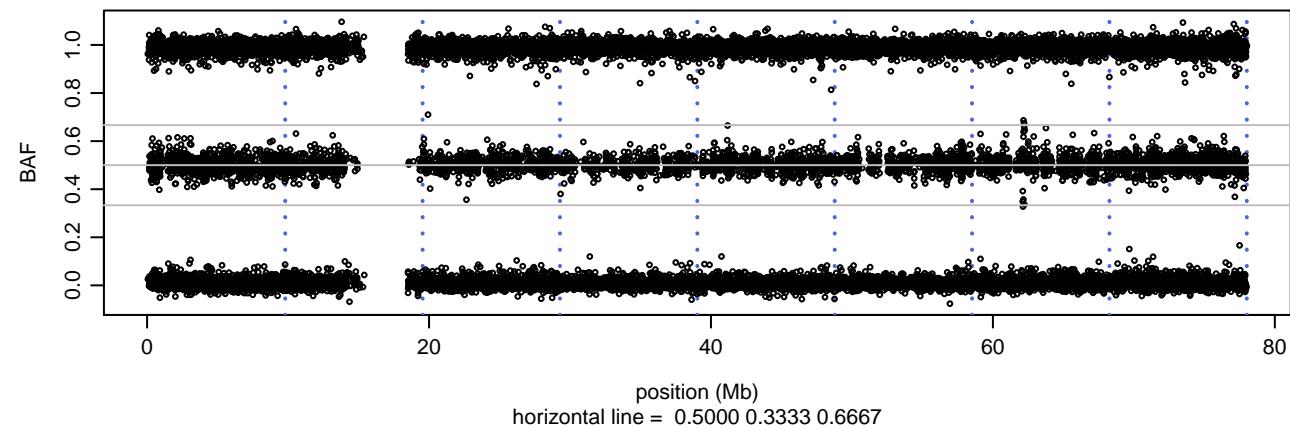
p13.3
p13.2
p13.1
p12
p11.2
q11.1
q11.2
q12
q21.1
q21.2
q21.3
q21.3
q21.3
q22
q23.1
q23.2
q23.3
q24.1
q24.2
q24.3
q25.1
q25.2
q25.3



Scan 280 – Chromosome 18 – GBA_D448V_A07



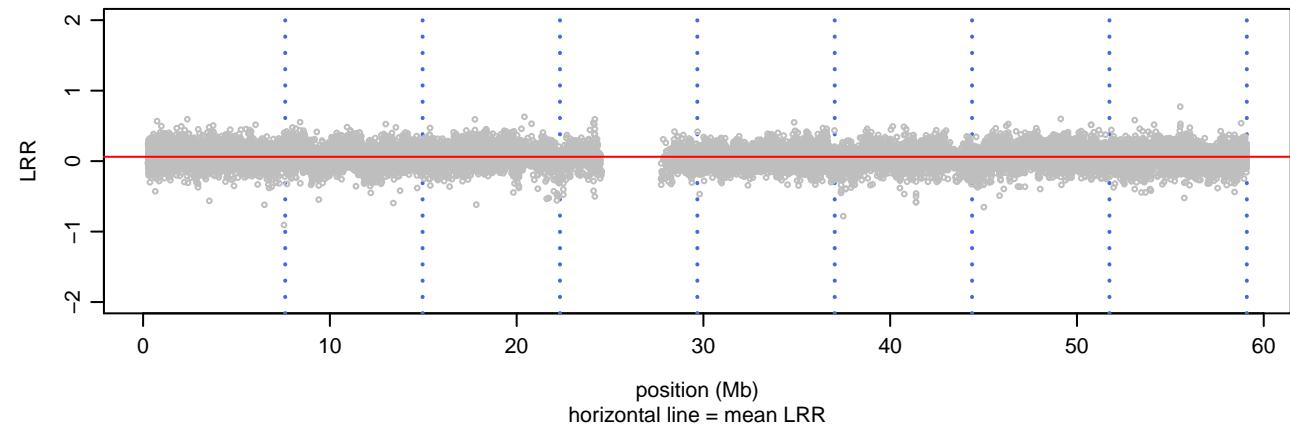
green=AA, orange=AB, purple=BB, black=missing



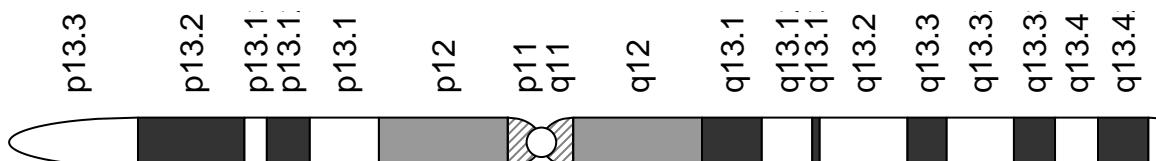
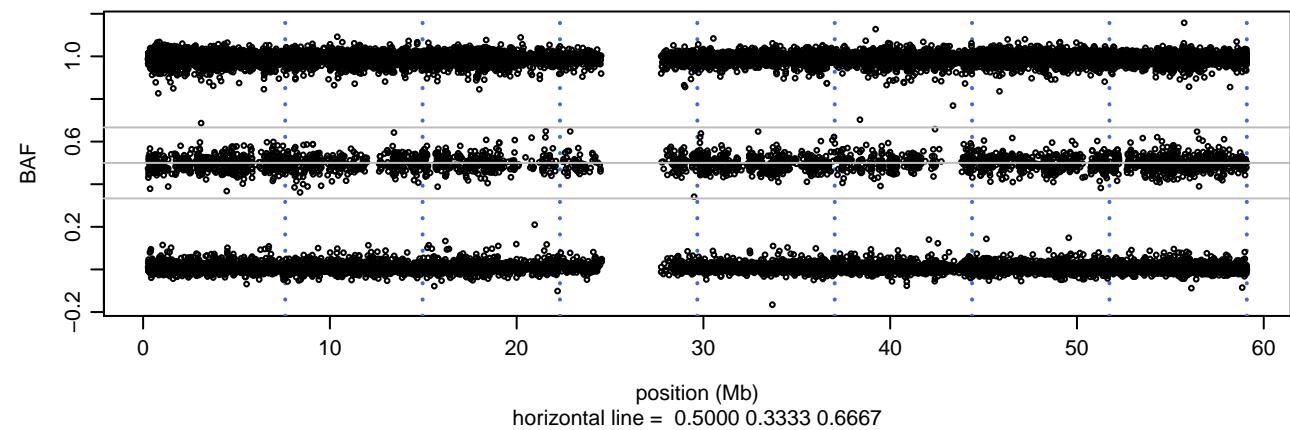
p11.3
p11.3
p11.2
p11.2
q11.1
q11.2
q12.1
q12.2
q12.3
q21.1
q21.2
q21.3
q21.3
q21.3
q22.1
q22.2
q22.3
q23



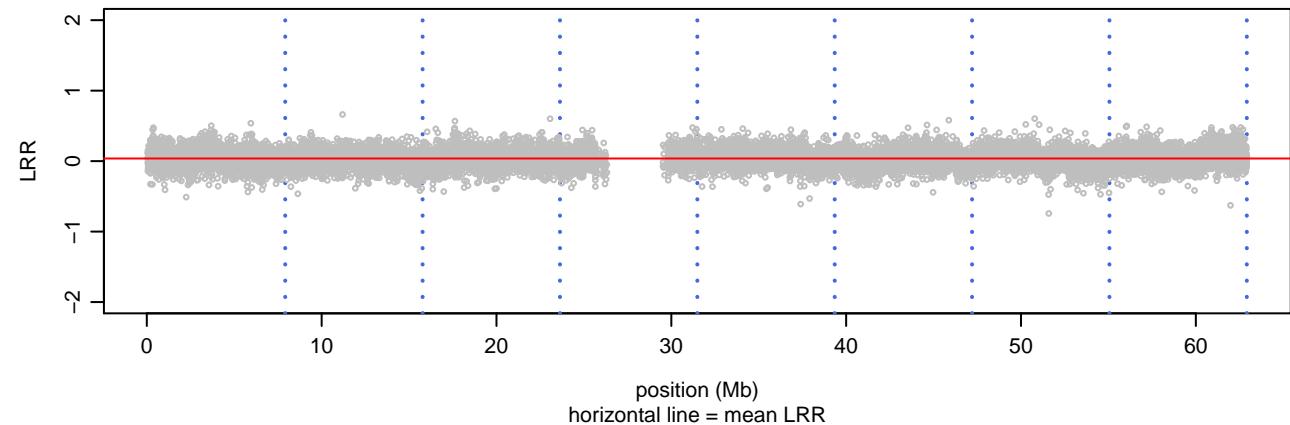
Scan 280 – Chromosome 19 – GBA_D448V_A07



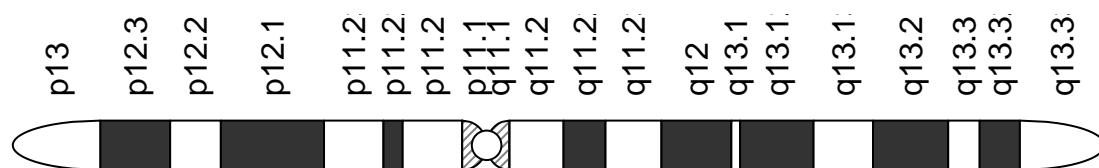
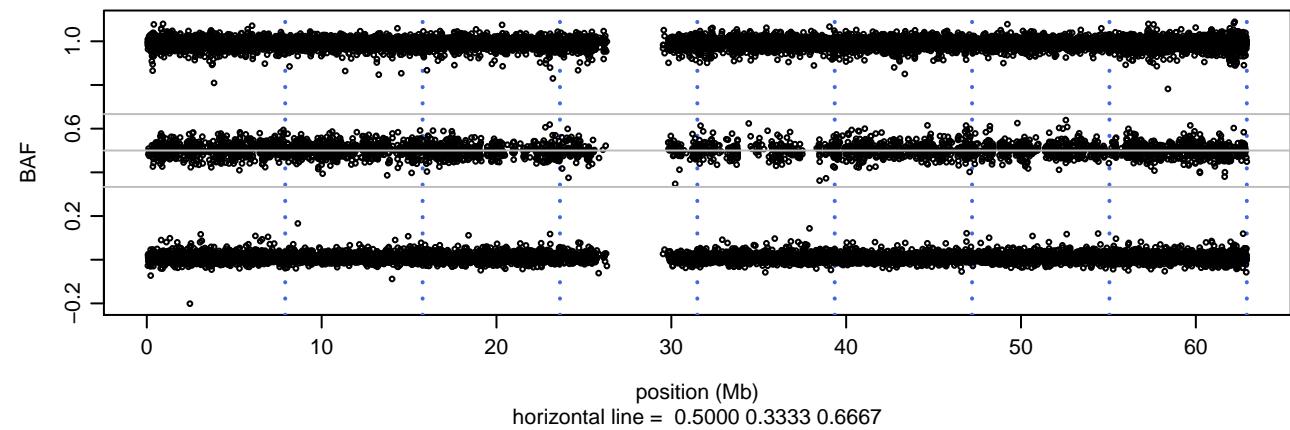
green=AA, orange=AB, purple=BB, black=missing



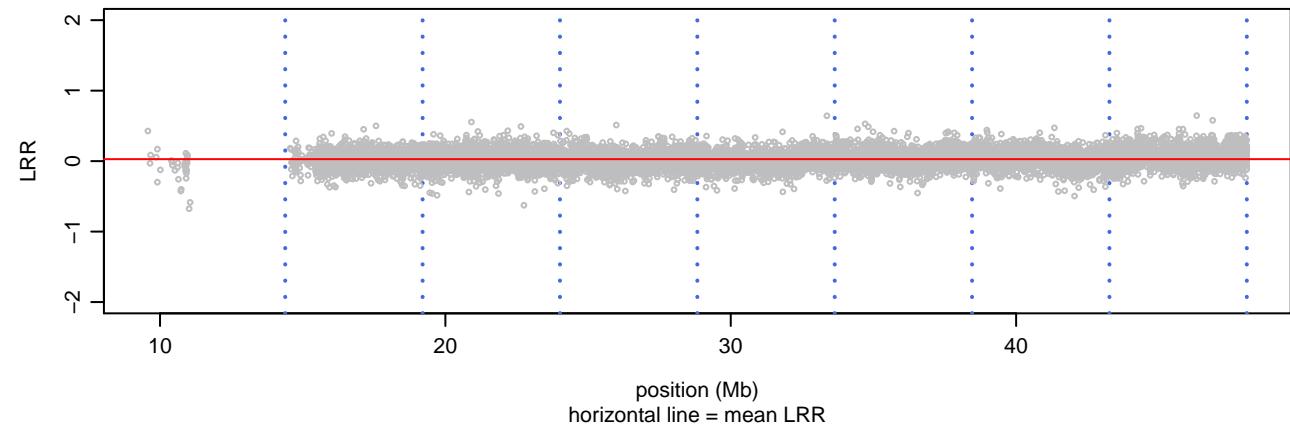
Scan 280 – Chromosome 20 – GBA_D448V_A07



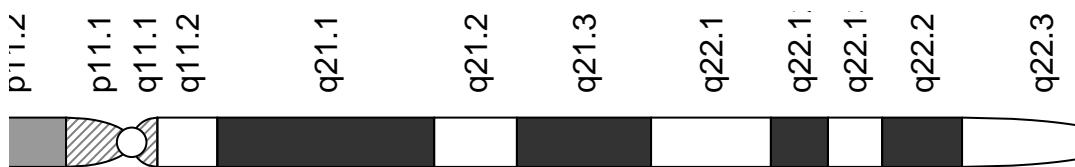
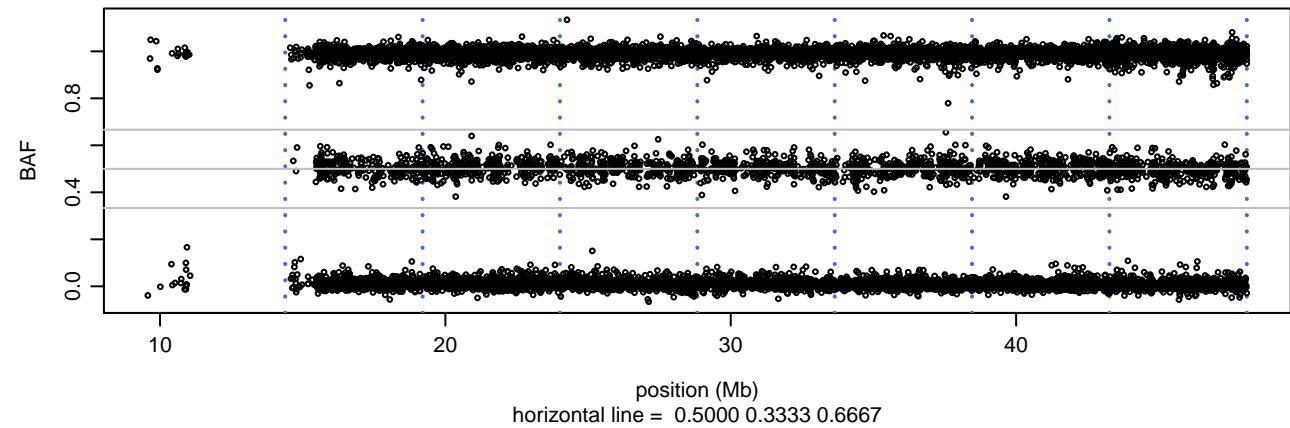
green=AA, orange=AB, purple=BB, black=missing



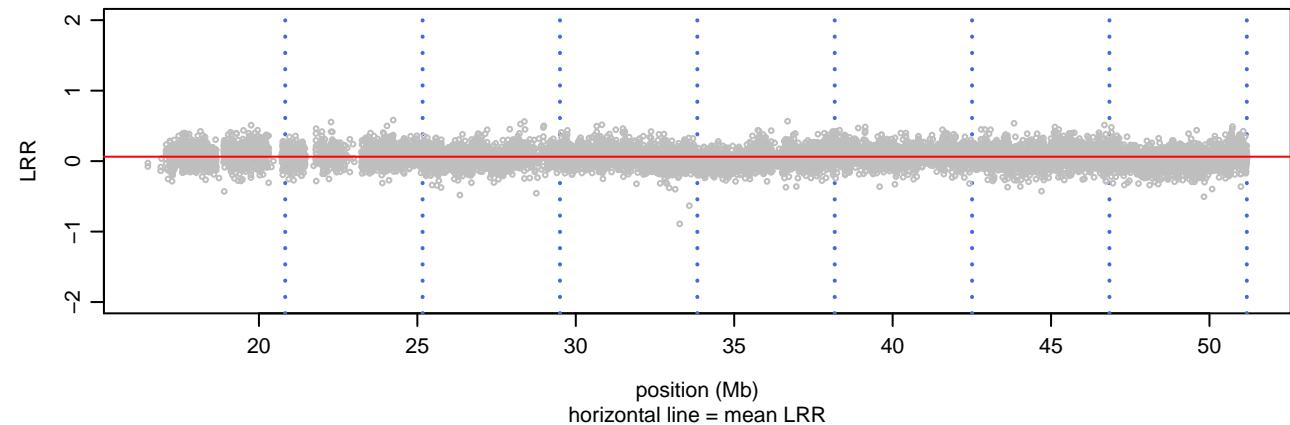
Scan 280 – Chromosome 21 – GBA_D448V_A07



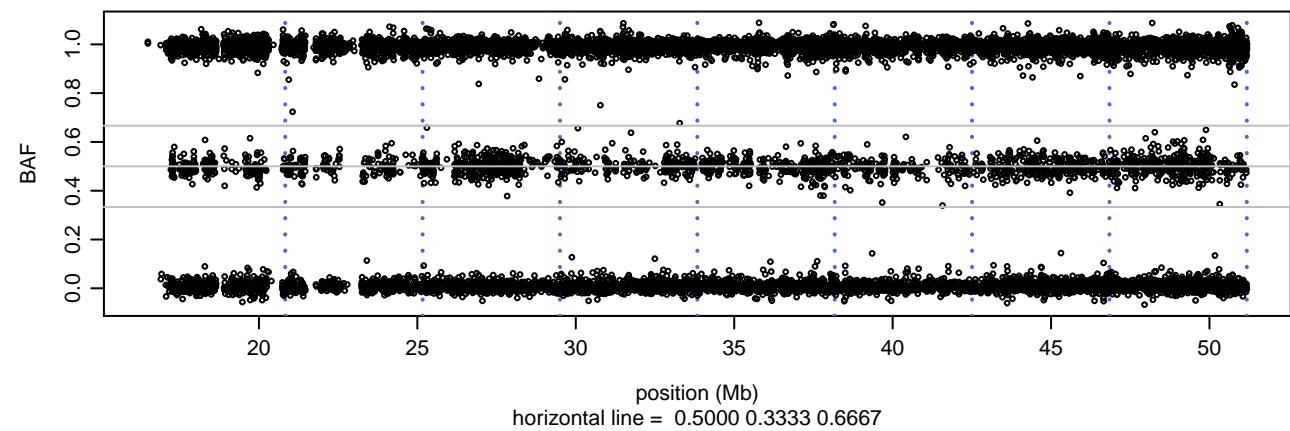
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 22 – GBA_D448V_A07



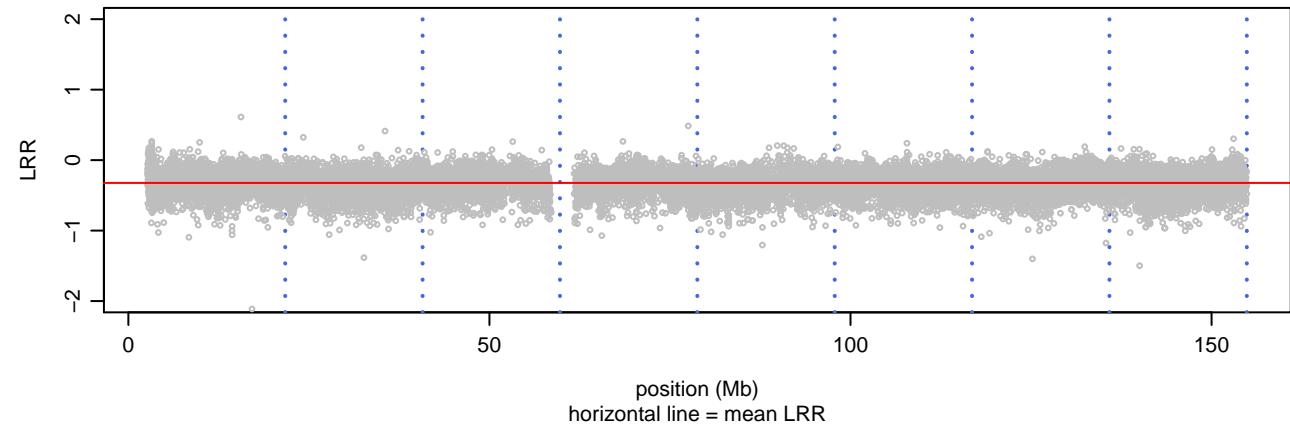
green=AA, orange=AB, purple=BB, black=missing



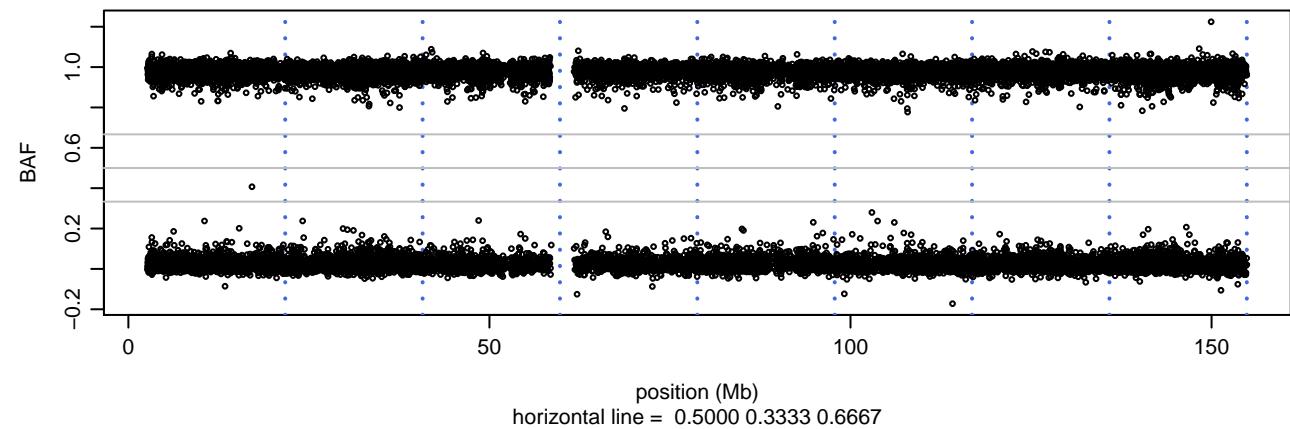
q11.2
q11.2
q11.2
q12.1
q12.2
q12.3
q13.1
q13.2
q13.3
q13.3



Scan 280 – Chromosome X – GBA_D448V_A07



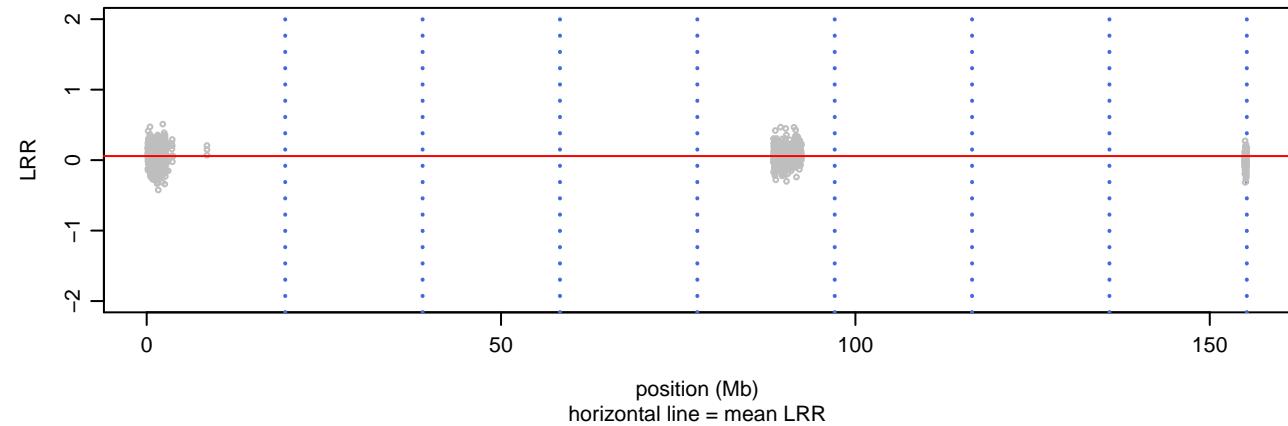
green=AA, orange=AB, purple=BB, black=missing



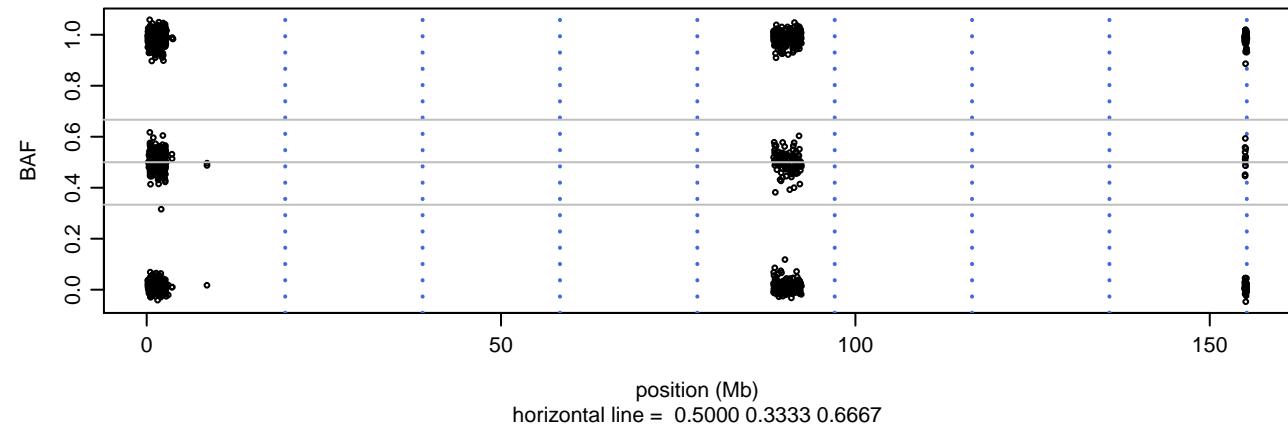
p22.3 p22.2 p22.1 p22.1 p21.3 p21.2 p21.1 p21.1 p11.3 p11.2 p11.1 p11.1 q21.3 q21.2 q21.1 q21.1 q21.1 q21.1 q22.3 q23 q24 q25 q26.1 q26.2 q26.3 q27.1 q27.2 q27.3 q28



Scan 280 – Chromosome Y – GBA_D448V_A07



green=AA, orange=AB, purple=BB, black=missing



q12

