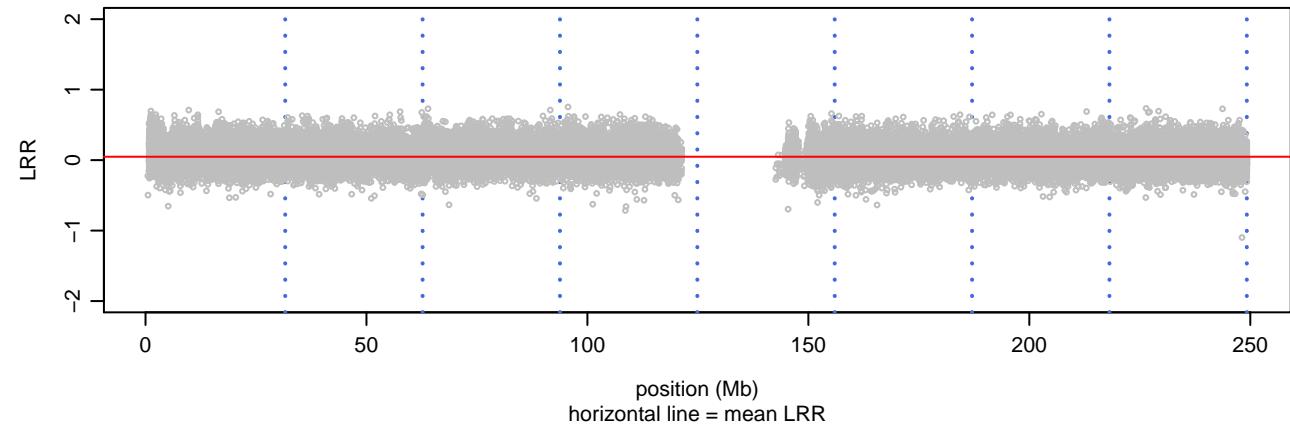
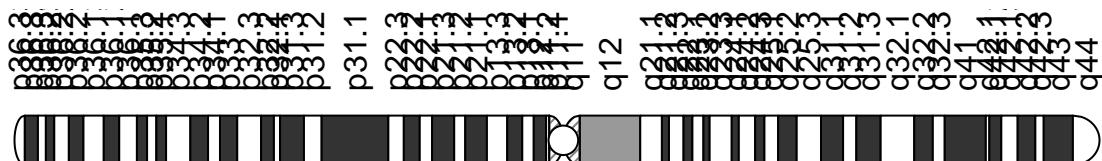
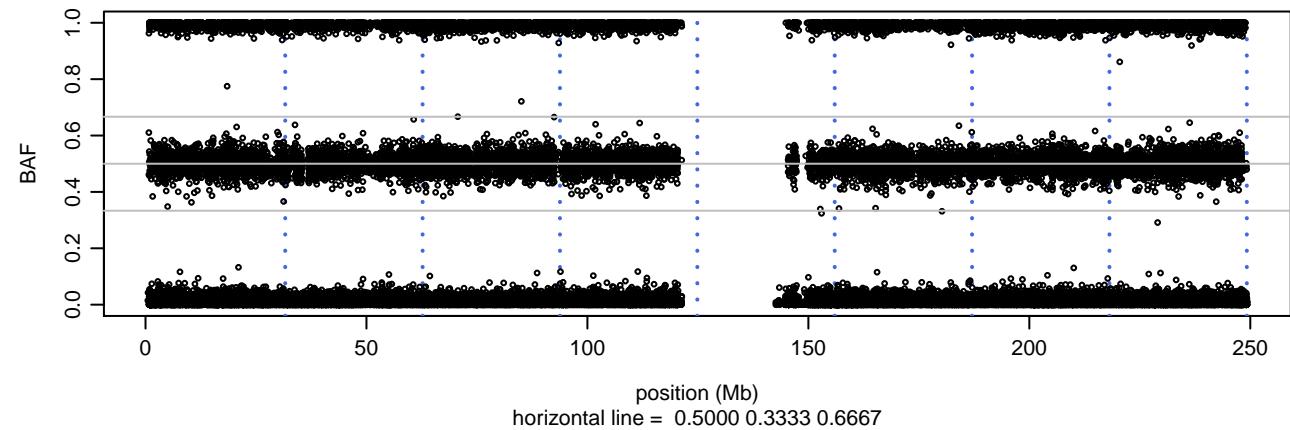


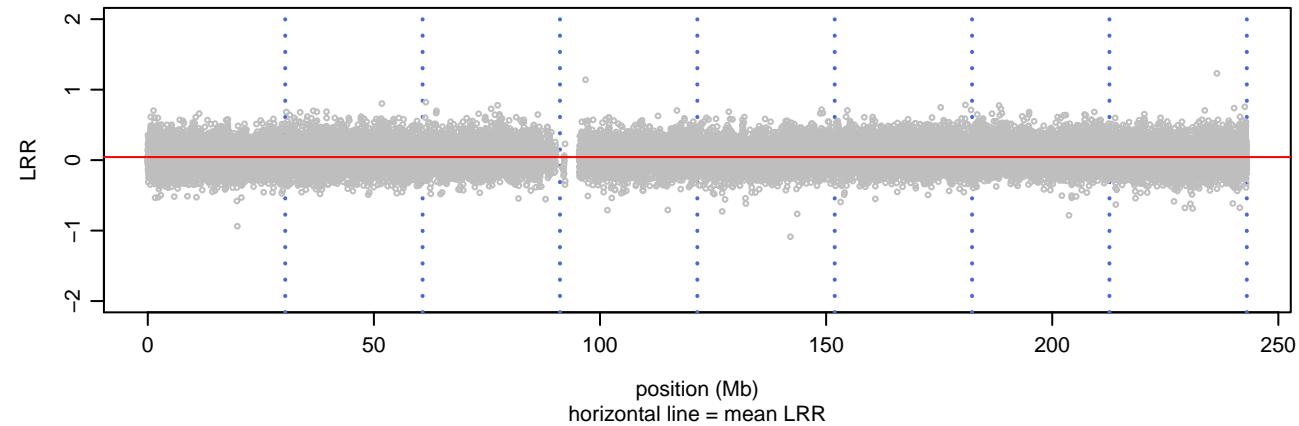
Scan 280 – Chromosome 1 – ANG_K41I_A04



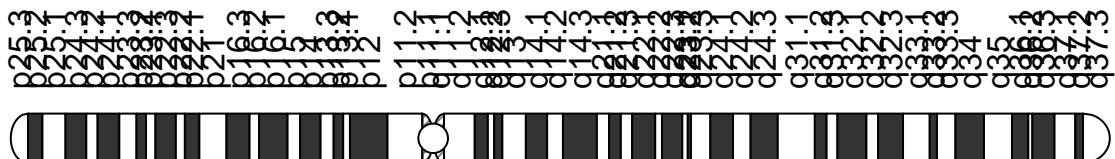
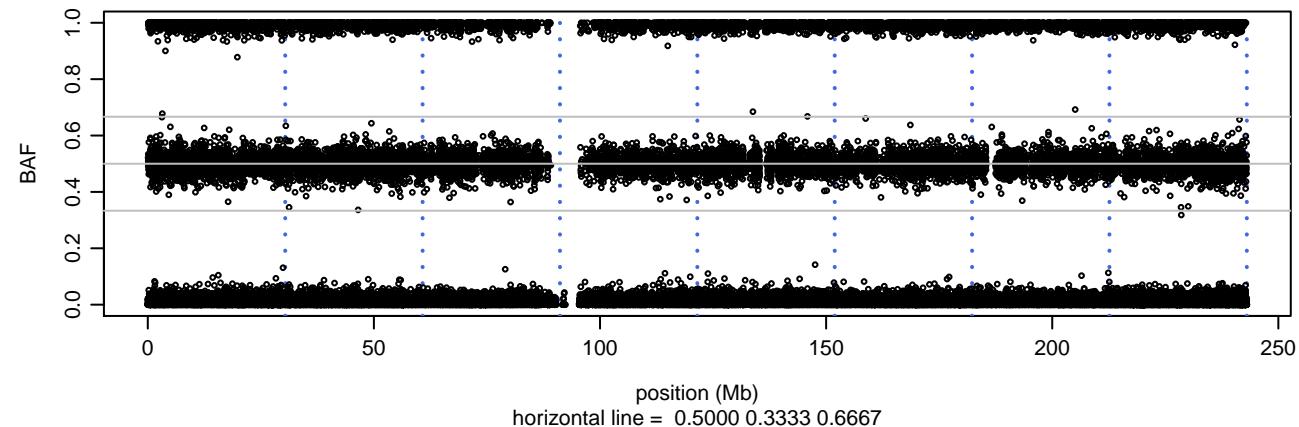
green=AA, orange=AB, purple=BB, black=missing



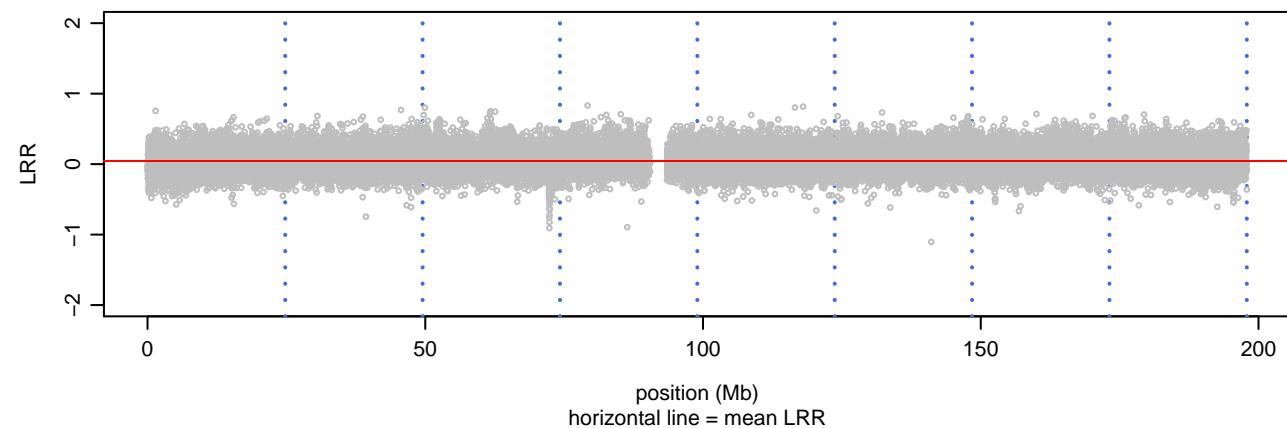
Scan 280 – Chromosome 2 – ANG_K41I_A04



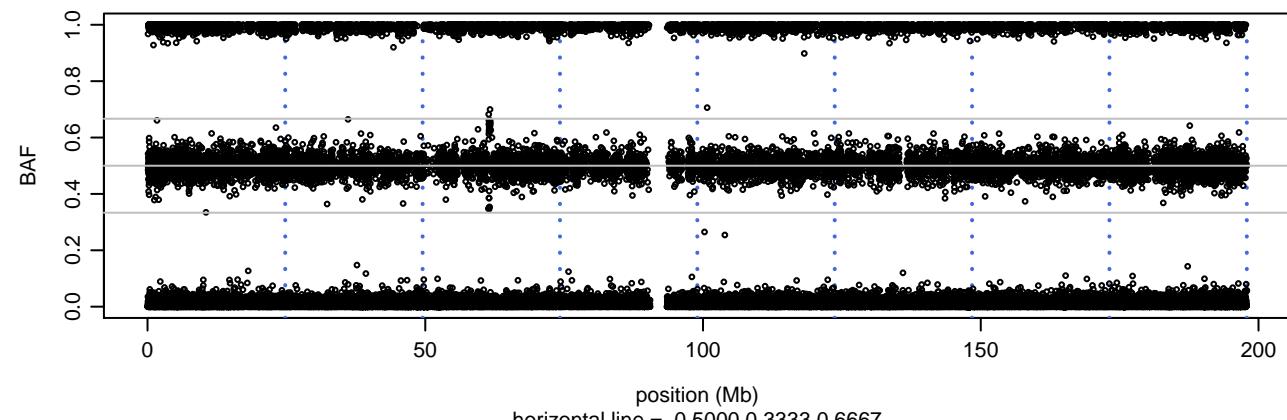
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 3 – ANG_K41I_A04



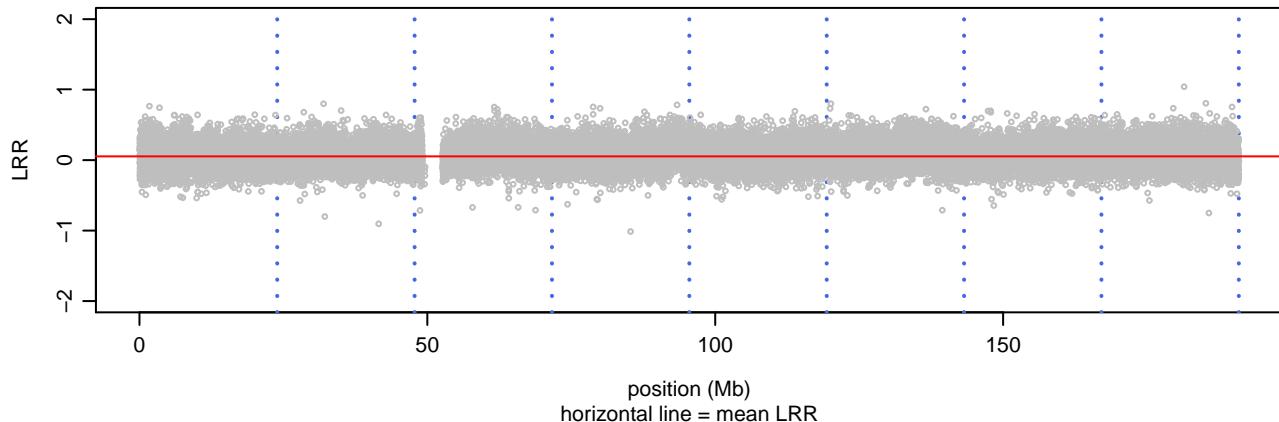
green=AA, orange=AB, purple=BB, black=missing



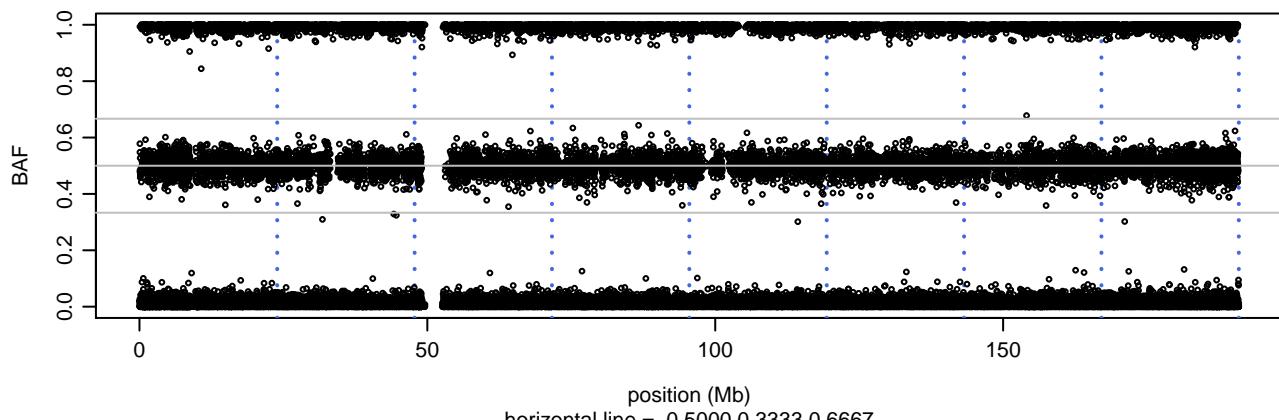
horizontal line = 0.5000 0.3333 0.6667



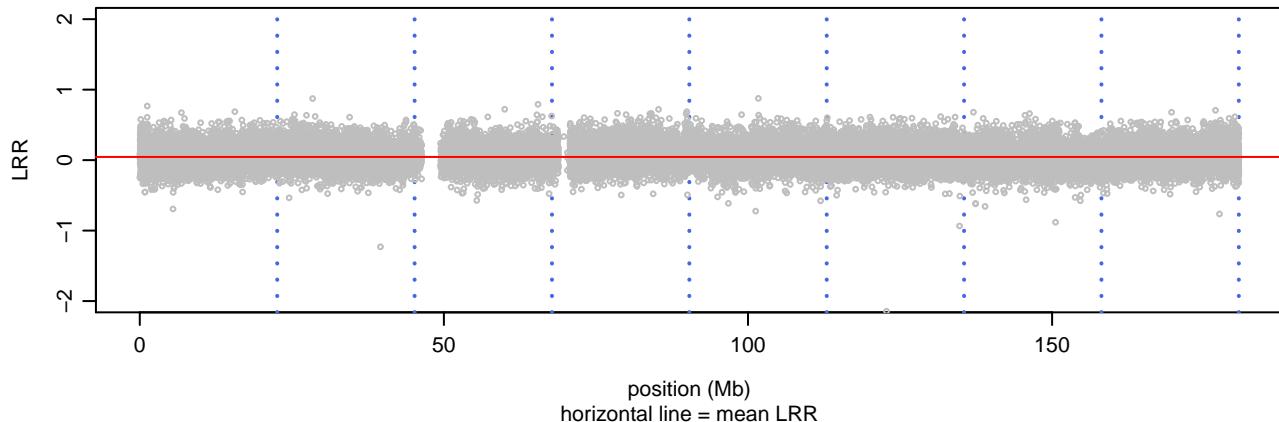
Scan 280 – Chromosome 4 – ANG_K41I_A04



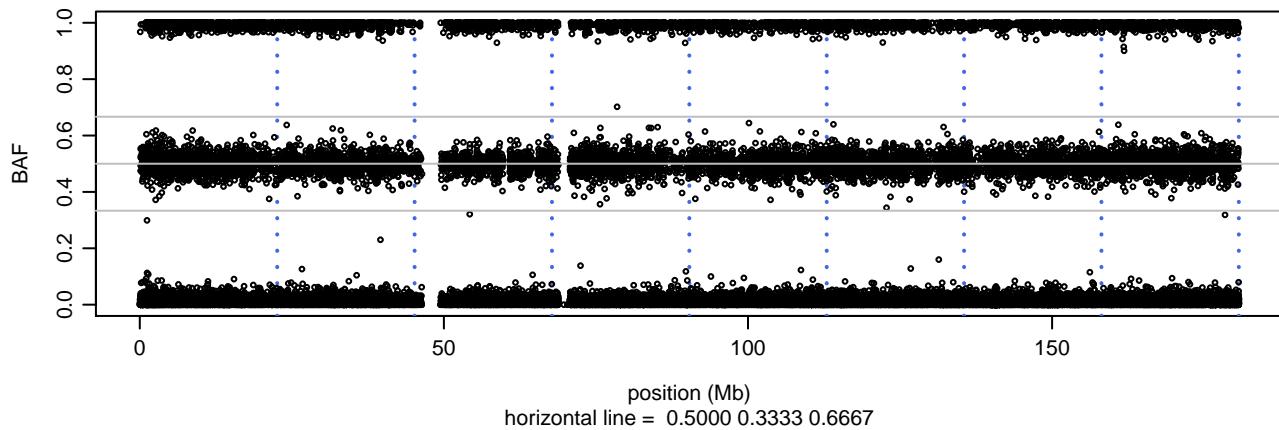
green=AA, orange=AB, purple=BB, black=missing



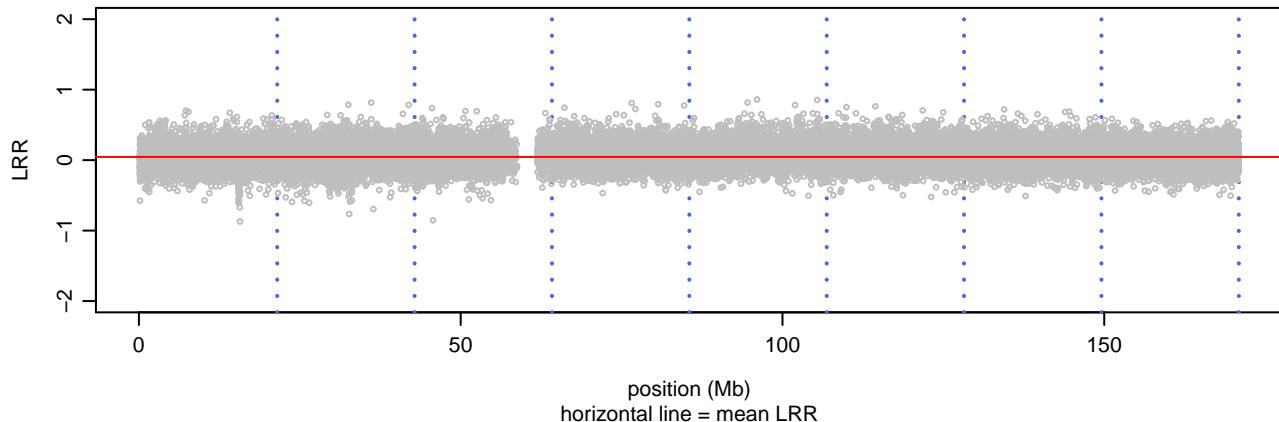
Scan 280 – Chromosome 5 – ANG_K41I_A04



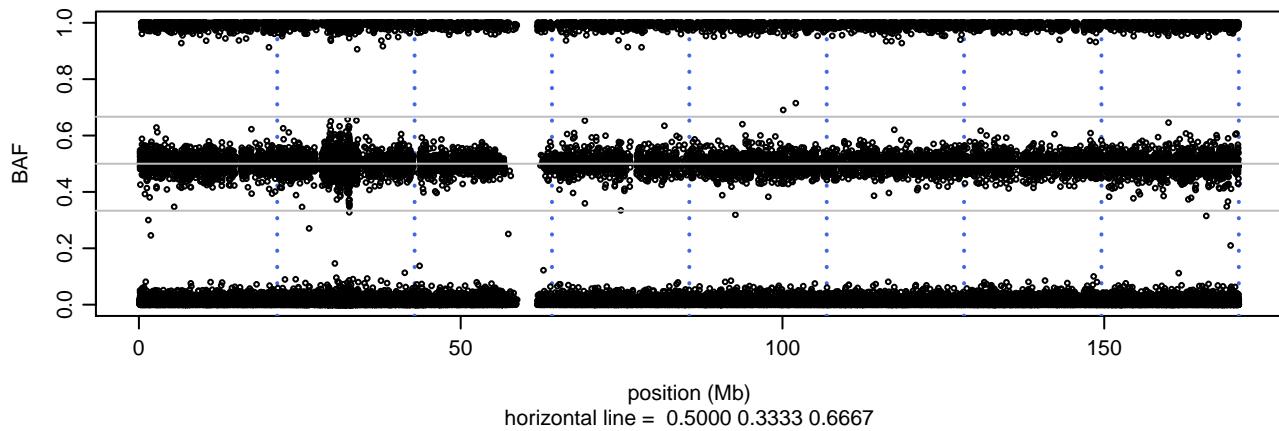
green=AA, orange=AB, purple=BB, black=missing



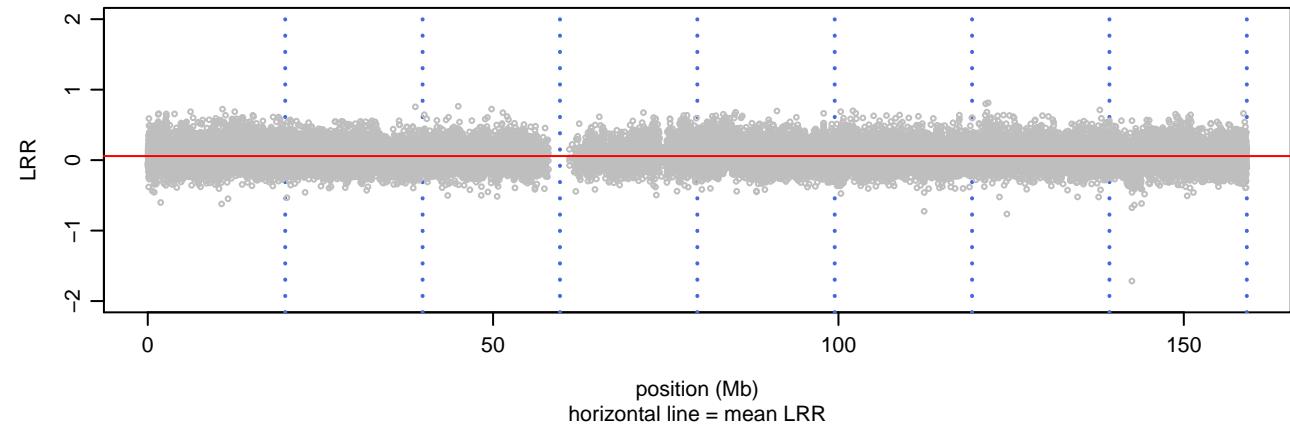
Scan 280 – Chromosome 6 – ANG_K41I_A04



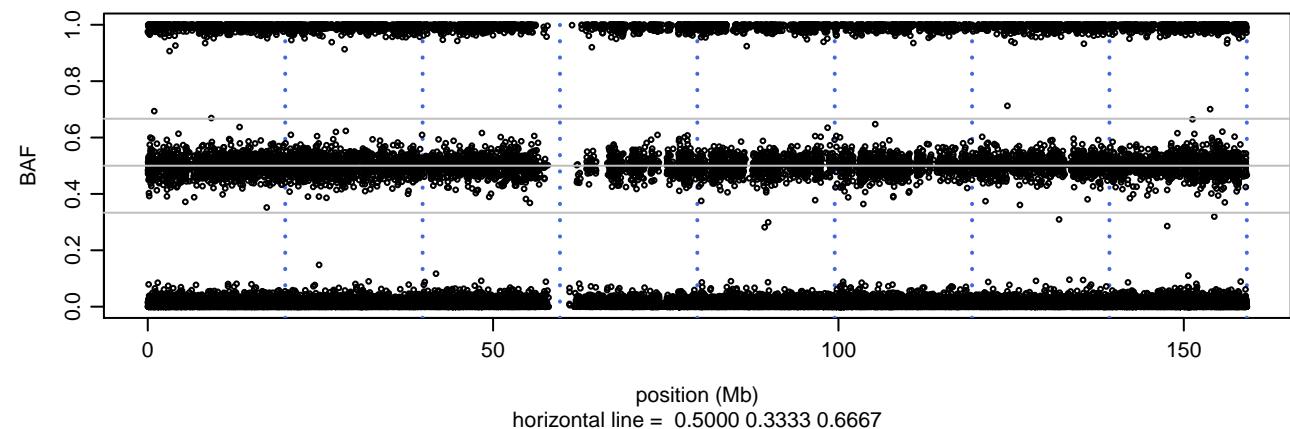
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 7 – ANG_K41I_A04



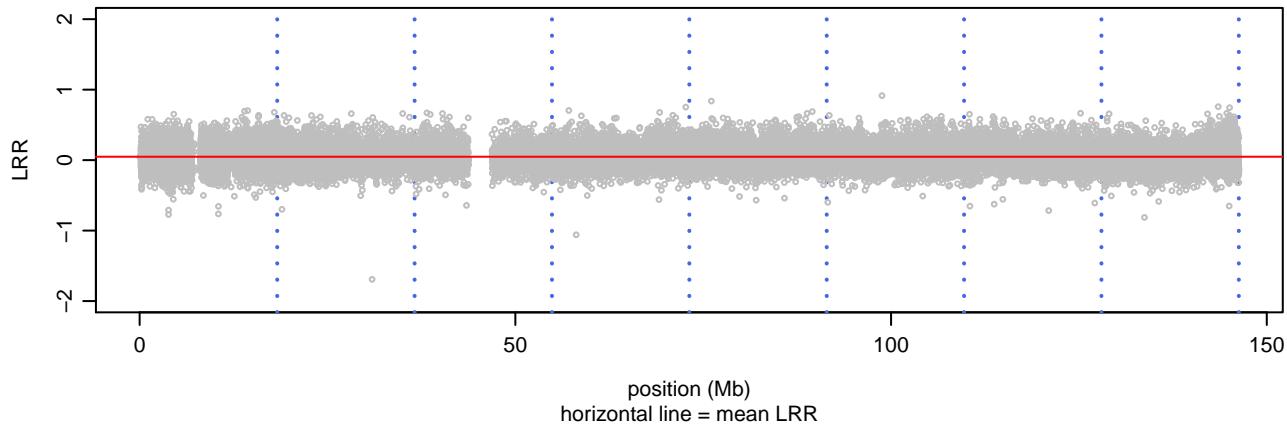
green=AA, orange=AB, purple=BB, black=missing



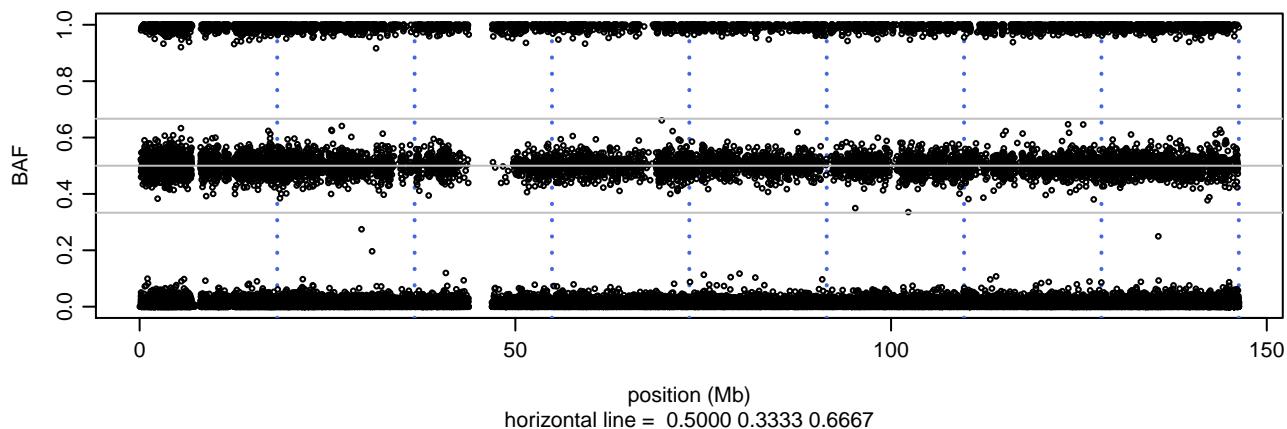
q34 q32.1 q32.4-q32.1 q34-q34.1 q34.1-q34.2 q34.2-q34.3 q34.3-q34.4 q34.4-q34.5 q34.5-q34.6 q34.6-q34.7 q34.7-q34.8 q34.8-q34.9 q34.9-q35 q35-q35.1 q35.1-q35.2 q35.2-q35.3 q35.3-q35.4 q35.4-q35.5 q35.5-q35.6 q35.6-q35.7 q35.7-q35.8 q35.8-q35.9 q35.9-q36 q36-q36.1 q36.1-q36.2 q36.2-q36.3 q36.3-q36.4 q36.4-q36.5 q36.5-q36.6 q36.6-q36.7 q36.7-q36.8 q36.8-q36.9 q36.9-q37 q37-q37.1 q37.1-q37.2 q37.2-q37.3 q37.3-q37.4 q37.4-q37.5 q37.5-q37.6 q37.6-q37.7 q37.7-q37.8 q37.8-q37.9 q37.9-q38 q38-q38.1 q38.1-q38.2 q38.2-q38.3 q38.3-q38.4 q38.4-q38.5 q38.5-q38.6 q38.6-q38.7 q38.7-q38.8 q38.8-q38.9 q38.9-q39 q39-q39.1 q39.1-q39.2 q39.2-q39.3 q39.3-q39.4 q39.4-q39.5 q39.5-q39.6 q39.6-q39.7 q39.7-q39.8 q39.8-q39.9 q39.9-q40 q40-q40.1 q40.1-q40.2 q40.2-q40.3 q40.3-q40.4 q40.4-q40.5 q40.5-q40.6 q40.6-q40.7 q40.7-q40.8 q40.8-q40.9 q40.9-q41 q41-q41.1 q41.1-q41.2 q41.2-q41.3 q41.3-q41.4 q41.4-q41.5 q41.5-q41.6 q41.6-q41.7 q41.7-q41.8 q41.8-q41.9 q41.9-q42 q42-q42.1 q42.1-q42.2 q42.2-q42.3 q42.3-q42.4 q42.4-q42.5 q42.5-q42.6 q42.6-q42.7 q42.7-q42.8 q42.8-q42.9 q42.9-q43 q43-q43.1 q43.1-q43.2 q43.2-q43.3 q43.3-q43.4 q43.4-q43.5 q43.5-q43.6 q43.6-q43.7 q43.7-q43.8 q43.8-q43.9 q43.9-q44 q44-q44.1 q44.1-q44.2 q44.2-q44.3 q44.3-q44.4 q44.4-q44.5 q44.5-q44.6 q44.6-q44.7 q44.7-q44.8 q44.8-q44.9 q44.9-q45 q45-q45.1 q45.1-q45.2 q45.2-q45.3 q45.3-q45.4 q45.4-q45.5 q45.5-q45.6 q45.6-q45.7 q45.7-q45.8 q45.8-q45.9 q45.9-q46 q46-q46.1 q46.1-q46.2 q46.2-q46.3 q46.3-q46.4 q46.4-q46.5 q46.5-q46.6 q46.6-q46.7 q46.7-q46.8 q46.8-q46.9 q46.9-q47 q47-q47.1 q47.1-q47.2 q47.2-q47.3 q47.3-q47.4 q47.4-q47.5 q47.5-q47.6 q47.6-q47.7 q47.7-q47.8 q47.8-q47.9 q47.9-q48 q48-q48.1 q48.1-q48.2 q48.2-q48.3 q48.3-q48.4 q48.4-q48.5 q48.5-q48.6 q48.6-q48.7 q48.7-q48.8 q48.8-q48.9 q48.9-q49 q49-q49.1 q49.1-q49.2 q49.2-q49.3 q49.3-q49.4 q49.4-q49.5 q49.5-q49.6 q49.6-q49.7 q49.7-q49.8 q49.8-q49.9 q49.9-q50 q50-q50.1 q50.1-q50.2 q50.2-q50.3 q50.3-q50.4 q50.4-q50.5 q50.5-q50.6 q50.6-q50.7 q50.7-q50.8 q50.8-q50.9 q50.9-q51 q51-q51.1 q51.1-q51.2 q51.2-q51.3 q51.3-q51.4 q51.4-q51.5 q51.5-q51.6 q51.6-q51.7 q51.7-q51.8 q51.8-q51.9 q51.9-q52 q52-q52.1 q52.1-q52.2 q52.2-q52.3 q52.3-q52.4 q52.4-q52.5 q52.5-q52.6 q52.6-q52.7 q52.7-q52.8 q52.8-q52.9 q52.9-q53 q53-q53.1 q53.1-q53.2 q53.2-q53.3 q53.3-q53.4 q53.4-q53.5 q53.5-q53.6 q53.6-q53.7 q53.7-q53.8 q53.8-q53.9 q53.9-q54 q54-q54.1 q54.1-q54.2 q54.2-q54.3 q54.3-q54.4 q54.4-q54.5 q54.5-q54.6 q54.6-q54.7 q54.7-q54.8 q54.8-q54.9 q54.9-q55 q55-q55.1 q55.1-q55.2 q55.2-q55.3 q55.3-q55.4 q55.4-q55.5 q55.5-q55.6 q55.6-q55.7 q55.7-q55.8 q55.8-q55.9 q55.9-q56 q56-q56.1 q56.1-q56.2 q56.2-q56.3 q56.3-q56.4 q56.4-q56.5 q56.5-q56.6 q56.6-q56.7 q56.7-q56.8 q56.8-q56.9 q56.9-q57 q57-q57.1 q57.1-q57.2 q57.2-q57.3 q57.3-q57.4 q57.4-q57.5 q57.5-q57.6 q57.6-q57.7 q57.7-q57.8 q57.8-q57.9 q57.9-q58 q58-q58.1 q58.1-q58.2 q58.2-q58.3 q58.3-q58.4 q58.4-q58.5 q58.5-q58.6 q58.6-q58.7 q58.7-q58.8 q58.8-q58.9 q58.9-q59 q59-q59.1 q59.1-q59.2 q59.2-q59.3 q59.3-q59.4 q59.4-q59.5 q59.5-q59.6 q59.6-q59.7 q59.7-q59.8 q59.8-q59.9 q59.9-q60 q60-q60.1 q60.1-q60.2 q60.2-q60.3 q60.3-q60.4 q60.4-q60.5 q60.5-q60.6 q60.6-q60.7 q60.7-q60.8 q60.8-q60.9 q60.9-q61 q61-q61.1 q61.1-q61.2 q61.2-q61.3 q61.3-q61.4 q61.4-q61.5 q61.5-q61.6 q61.6-q61.7 q61.7-q61.8 q61.8-q61.9 q61.9-q62 q62-q62.1 q62.1-q62.2 q62.2-q62.3 q62.3-q62.4 q62.4-q62.5 q62.5-q62.6 q62.6-q62.7 q62.7-q62.8 q62.8-q62.9 q62.9-q63 q63-q63.1 q63.1-q63.2 q63.2-q63.3 q63.3-q63.4 q63.4-q63.5 q63.5-q63.6 q63.6-q63.7 q63.7-q63.8 q63.8-q63.9 q63.9-q64 q64-q64.1 q64.1-q64.2 q64.2-q64.3 q64.3-q64.4 q64.4-q64.5 q64.5-q64.6 q64.6-q64.7 q64.7-q64.8 q64.8-q64.9 q64.9-q65 q65-q65.1 q65.1-q65.2 q65.2-q65.3 q65.3-q65.4 q65.4-q65.5 q65.5-q65.6 q65.6-q65.7 q65.7-q65.8 q65.8-q65.9 q65.9-q66 q66-q66.1 q66.1-q66.2 q66.2-q66.3 q66.3-q66.4 q66.4-q66.5 q66.5-q66.6 q66.6-q66.7 q66.7-q66.8 q66.8-q66.9 q66.9-q67 q67-q67.1 q67.1-q67.2 q67.2-q67.3 q67.3-q67.4 q67.4-q67.5 q67.5-q67.6 q67.6-q67.7 q67.7-q67.8 q67.8-q67.9 q67.9-q68 q68-q68.1 q68.1-q68.2 q68.2-q68.3 q68.3-q68.4 q68.4-q68.5 q68.5-q68.6 q68.6-q68.7 q68.7-q68.8 q68.8-q68.9 q68.9-q69 q69-q69.1 q69.1-q69.2 q69.2-q69.3 q69.3-q69.4 q69.4-q69.5 q69.5-q69.6 q69.6-q69.7 q69.7-q69.8 q69.8-q69.9 q69.9-q70 q70-q70.1 q70.1-q70.2 q70.2-q70.3 q70.3-q70.4 q70.4-q70.5 q70.5-q70.6 q70.6-q70.7 q70.7-q70.8 q70.8-q70.9 q70.9-q71 q71-q71.1 q71.1-q71.2 q71.2-q71.3 q71.3-q71.4 q71.4-q71.5 q71.5-q71.6 q71.6-q71.7 q71.7-q71.8 q71.8-q71.9 q71.9-q72 q72-q72.1 q72.1-q72.2 q72.2-q72.3 q72.3-q72.4 q72.4-q72.5 q72.5-q72.6 q72.6-q72.7 q72.7-q72.8 q72.8-q72.9 q72.9-q73 q73-q73.1 q73.1-q73.2 q73.2-q73.3 q73.3-q73.4 q73.4-q73.5 q73.5-q73.6 q73.6-q73.7 q73.7-q73.8 q73.8-q73.9 q73.9-q74 q74-q74.1 q74.1-q74.2 q74.2-q74.3 q74.3-q74.4 q74.4-q74.5 q74.5-q74.6 q74.6-q74.7 q74.7-q74.8 q74.8-q74.9 q74.9-q75 q75-q75.1 q75.1-q75.2 q75.2-q75.3 q75.3-q75.4 q75.4-q75.5 q75.5-q75.6 q75.6-q75.7 q75.7-q75.8 q75.8-q75.9 q75.9-q76 q76-q76.1 q76.1-q76.2 q76.2-q76.3 q76.3-q76.4 q76.4-q76.5 q76.5-q76.6 q76.6-q76.7 q76.7-q76.8 q76.8-q76.9 q76.9-q77 q77-q77.1 q77.1-q77.2 q77.2-q77.3 q77.3-q77.4 q77.4-q77.5 q77.5-q77.6 q77.6-q77.7 q77.7-q77.8 q77.8-q77.9 q77.9-q78 q78-q78.1 q78.1-q78.2 q78.2-q78.3 q78.3-q78.4 q78.4-q78.5 q78.5-q78.6 q78.6-q78.7 q78.7-q78.8 q78.8-q78.9 q78.9-q79 q79-q79.1 q79.1-q79.2 q79.2-q79.3 q79.3-q79.4 q79.4-q79.5 q79.5-q79.6 q79.6-q79.7 q79.7-q79.8 q79.8-q79.9 q79.9-q80 q80-q80.1 q80.1-q80.2 q80.2-q80.3 q80.3-q80.4 q80.4-q80.5 q80.5-q80.6 q80.6-q80.7 q80.7-q80.8 q80.8-q80.9 q80.9-q81 q81-q81.1 q81.1-q81.2 q81.2-q81.3 q81.3-q81.4 q81.4-q81.5 q81.5-q81.6 q81.6-q81.7 q81.7-q81.8 q81.8-q81.9 q81.9-q82 q82-q82.1 q82.1-q82.2 q82.2-q82.3 q82.3-q82.4 q82.4-q82.5 q82.5-q82.6 q82.6-q82.7 q82.7-q82.8 q82.8-q82.9 q82.9-q83 q83-q83.1 q83.1-q83.2 q83.2-q83.3 q83.3-q83.4 q83.4-q83.5 q83.5-q83.6 q83.6-q83.7 q83.7-q83.8 q83.8-q83.9 q83.9-q84 q84-q84.1 q84.1-q84.2 q84.2-q84.3 q84.3-q84.4 q84.4-q84.5 q84.5-q84.6 q84.6-q84.7 q84.7-q84.8 q84.8-q84.9 q84.9-q85 q85-q85.1 q85.1-q85.2 q85.2-q85.3 q85.3-q85.4 q85.4-q85.5 q85.5-q85.6 q85.6-q85.7 q85.7-q85.8 q85.8-q85.9 q85.9-q86 q86-q86.1 q86.1-q86.2 q86.2-q86.3 q86.3-q86.4 q86.4-q86.5 q86.5-q86.6 q86.6-q86.7 q86.7-q86.8 q86.8-q86.9 q86.9-q87 q87-q87.1 q87.1-q87.2 q87.2-q87.3 q87.3-q87.4 q87.4-q87.5 q87.5-q87.6 q87.6-q87.7 q87.7-q87.8 q87.8-q87.9 q87.9-q88 q88-q88.1 q88.1-q88.2 q88.2-q88.3 q88.3-q88.4 q88.4-q88.5 q88.5-q88.6 q88.6-q88.7 q88.7-q88.8 q88.8-q88.9 q88.9-q89 q89-q89.1 q89.1-q89.2 q89.2-q89.3 q89.3-q89.4 q89.4-q89.5 q89.5-q89.6 q89.6-q89.7 q89.7-q89.8 q89.8-q89.9 q89.9-q90 q90-q90.1 q90.1-q90.2 q90.2-q90.3 q90.3-q90.4 q90.4-q90.5 q90.5-q90.6 q90.6-q90.7 q90.7-q90.8 q90.8-q90.9 q90.9-q91 q91-q91.1 q91.1-q91.2 q91.2-q91.3 q91.3-q91.4 q91.4-q91.5 q91.5-q91.6 q91.6-q91.7 q91.7-q91.8 q91.8-q91.9 q91.9-q92 q92-q92.1 q92.1-q92.2 q92.2-q92.3 q92.3-q92.4 q92.4-q92.5 q92.5-q92.6 q92.6-q92.7 q92.7-q92.8 q92.8-q92.9 q92.9-q93 q93-q93.1 q93.1-q93.2 q93.2-q93.3 q93.3-q93.4 q93.4-q93.5 q93.5-q93.6 q93.6-q93.7 q93.7-q93.8 q93.8-q93.9 q93.9-q94 q94-q94.1 q94.1-q94.2 q94.2-q94.3 q94.3-q94.4 q94.4-q94.5 q94.5-q94.6 q94.6-q94.7 q94.7-q94.8 q94.8-q94.9 q94.9-q95 q95-q95.1 q95.1-q95.2 q95.2-q95.3 q95.3-q95.4 q95.4-q95.5 q95.5-q95.6 q95.6-q95.7 q95.7-q95.8 q95.8-q95.9 q95.9-q96 q96-q96.1 q96.1-q96.2 q96.2-q96.3 q96.3-q96.4 q96.4-q96.5 q96.5-q96.6 q96.6-q96.7 q96.7-q96.8 q96.8-q96.9 q96.9-q97 q97-q97.1 q97.1-q97.2 q97.2-q97.3 q97.3-q97.4 q97.4-q97.5 q97.5-q97.6 q97.6-q97.7 q97.7-q97.8 q97.8-q97.9 q97.9-q98 q98-q98.1 q98.1-q98.2 q98.2-q98.3 q98.3-q98.4 q98.4-q98.5 q98.5-q98.6 q98.6-q98.7 q98.7-q98.8 q98.8-q98.9 q98.9-q99 q99-q99.1 q99.1-q99.2 q99.2-q99.3 q99.3-q99.4 q99.4-q99.5 q99.5-q99.6 q99.6-q99.7 q99.7-q99.8 q99.8-q99.9 q99.9-q100



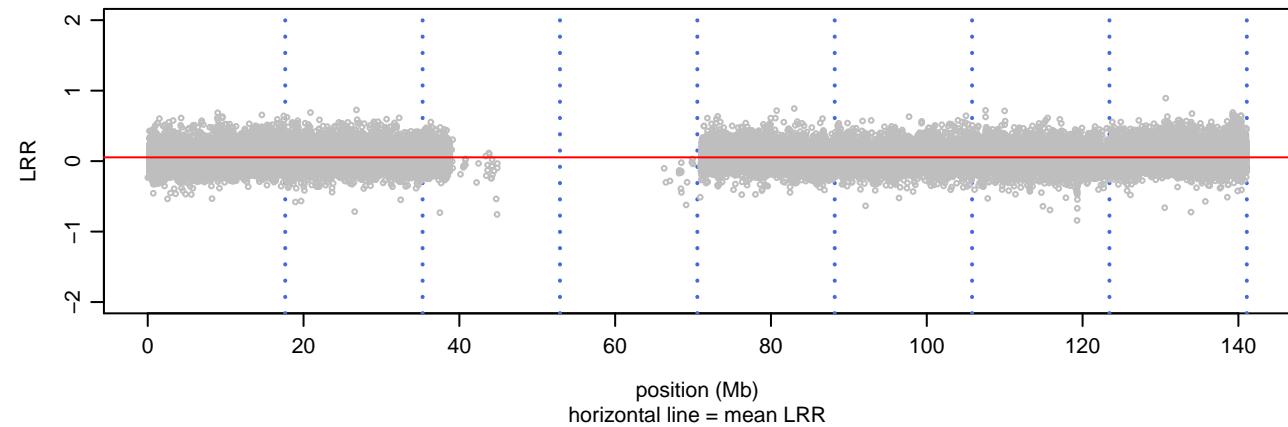
Scan 280 – Chromosome 8 – ANG_K41I_A04



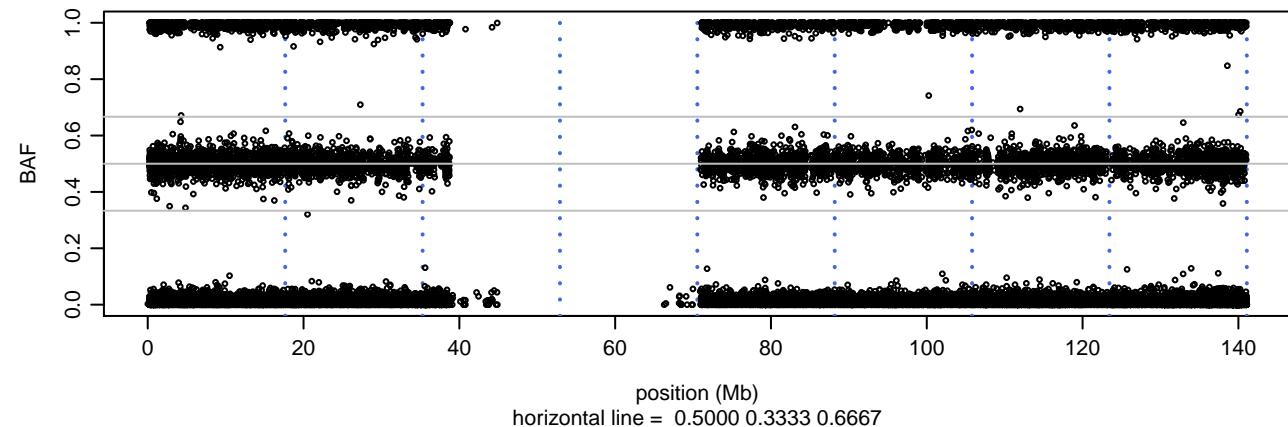
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 9 – ANG_K41I_A04



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



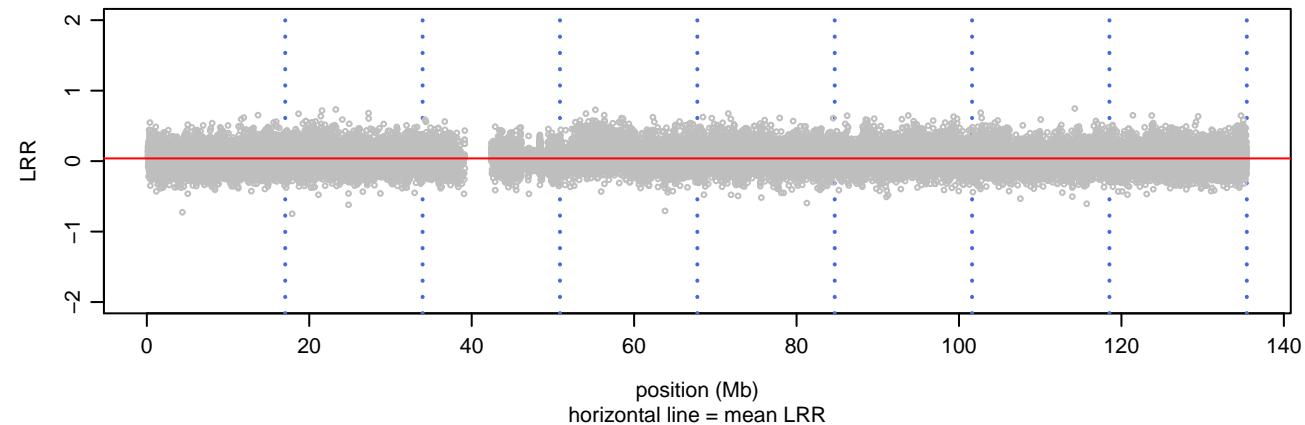
p24.3
p24.1
p23.3
p23.2
p21.3
p21.2
p21.1
p13.3
p12.1

q11

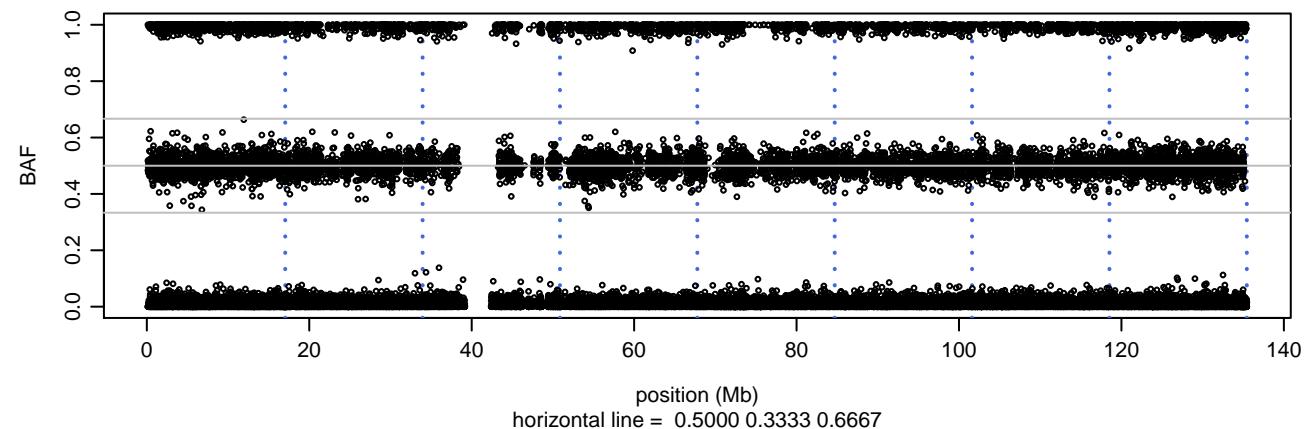
q12
q13
q14
q15
q16
q17
q18
q19
q20
q21
q22
q23
q24
q25
q26
q27
q28
q29
q30
q31.1
q31.2
q31.3
q32.1
q32.2
q33.1
q33.2
q33.3
q34.1
q34.2
q34.3



Scan 280 – Chromosome 10 – ANG_K41I_A04



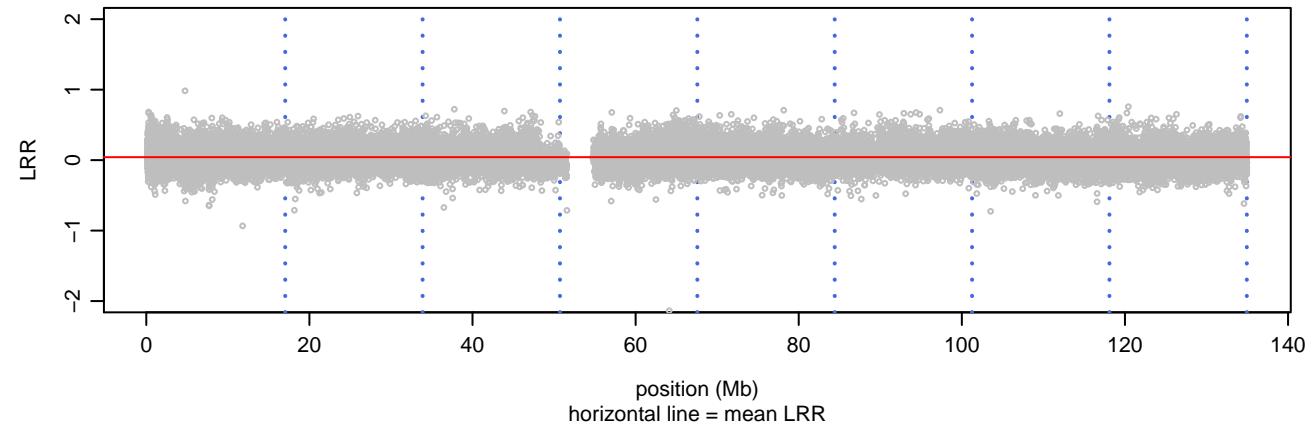
green=AA, orange=AB, purple=BB, black=missing



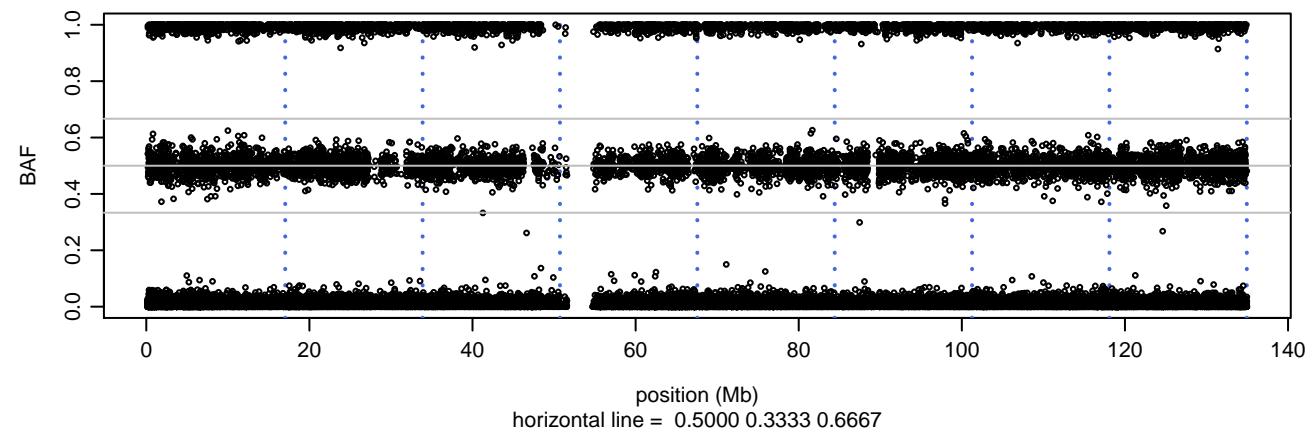
q15.3	q13.3	q12.2	q12.1	q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q21.1
q13.3	q12.2	q12.1	q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q21.2	q21.3
q12.2	q12.1	q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q22.1	q22.2
q12.1	q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q22.2	q22.3
q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q23.1	q23.2
q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q23.2	q23.3
q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q23.3	q23.4
q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q23.4	q23.5
q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q25.1	q25.2
q11.1	q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q25.2	q25.3
q11.2	q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q26.1	q26.2
q11.1	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q11.1	q11.2	q26.2	q26.3



Scan 280 – Chromosome 11 – ANG_K41I_A04



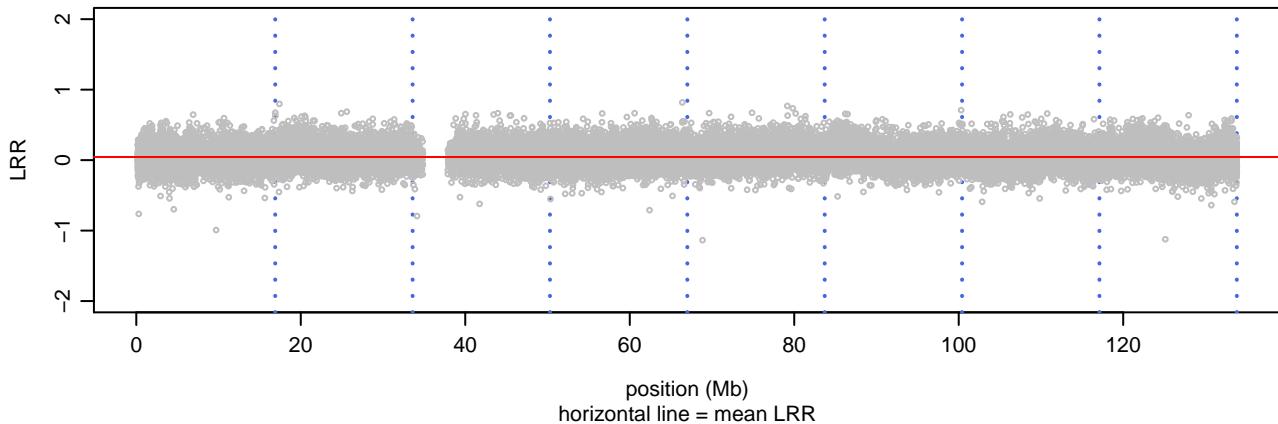
green=AA, orange=AB, purple=BB, black=missing



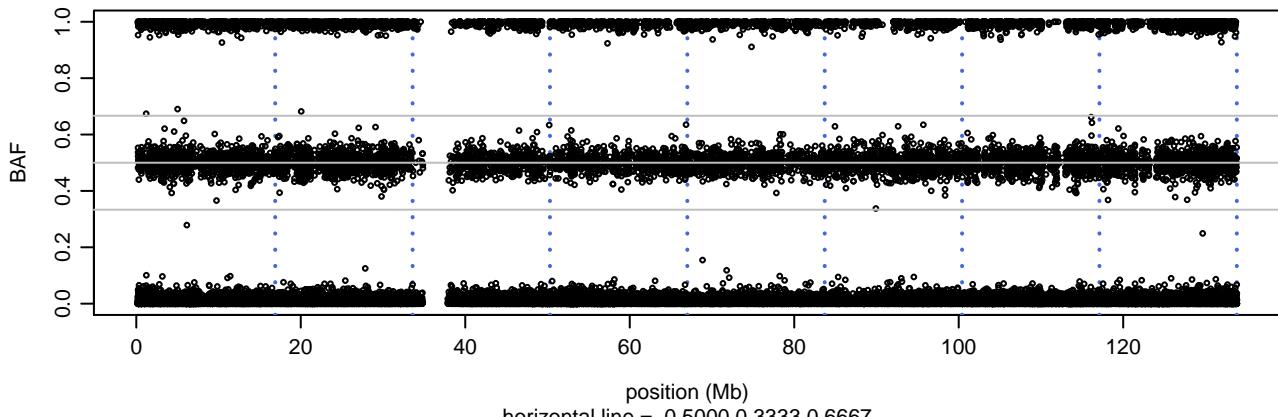
p15.5
p15.4
p15.3
p15.1
p14.3
p14.1
p13
p12
p11.2
p11.1
p11.1
p11.1
p11.1
p11.1
p11.1
p11.1
q14.1
q14.2
q14.3
q21
q22.1
q22.2
q22.3
q23.1
q23.2
q23.3
q24.1
q24.2
q24.3
q25



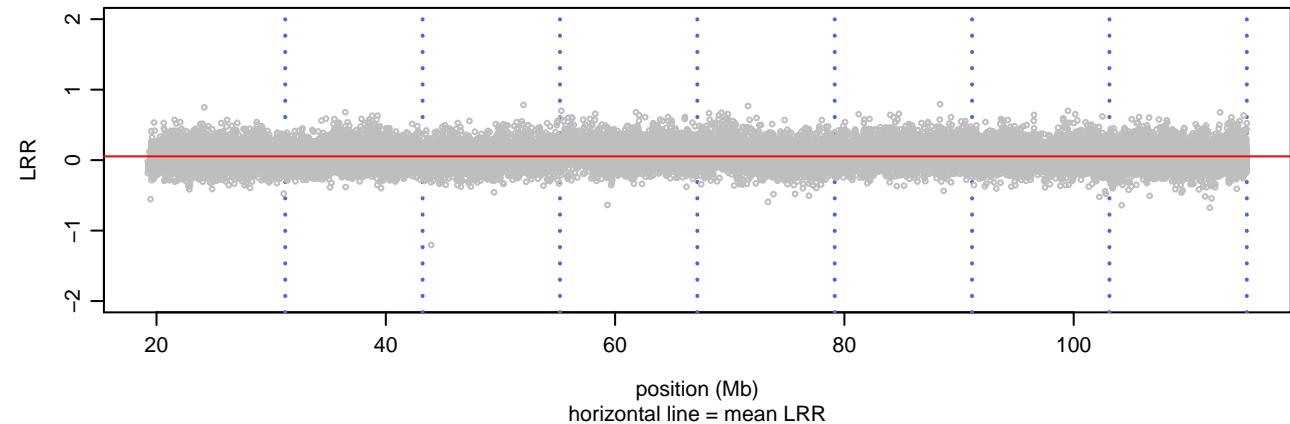
Scan 280 – Chromosome 12 – ANG_K41I_A04



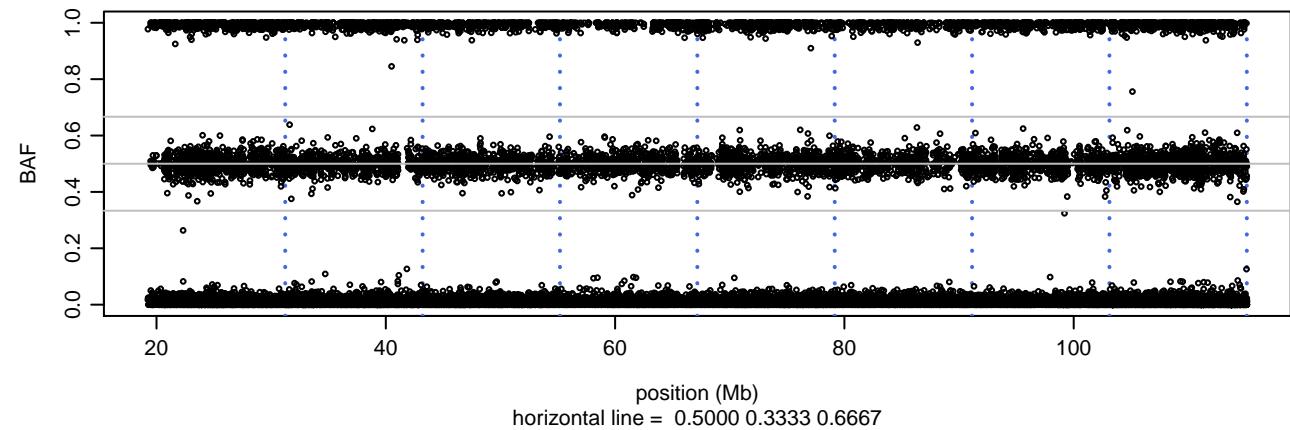
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 13 – ANG_K41I_A04



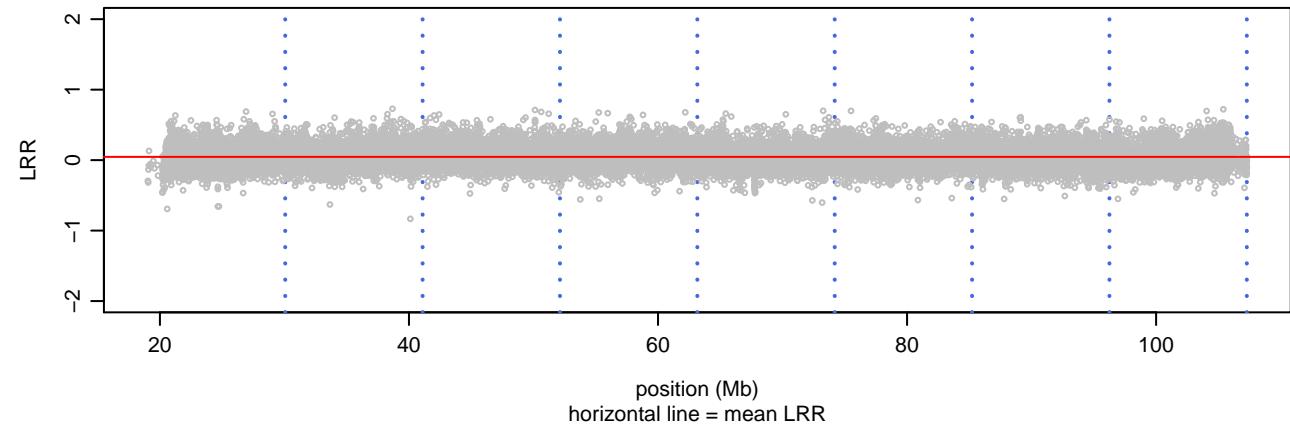
green=AA, orange=AB, purple=BB, black=missing



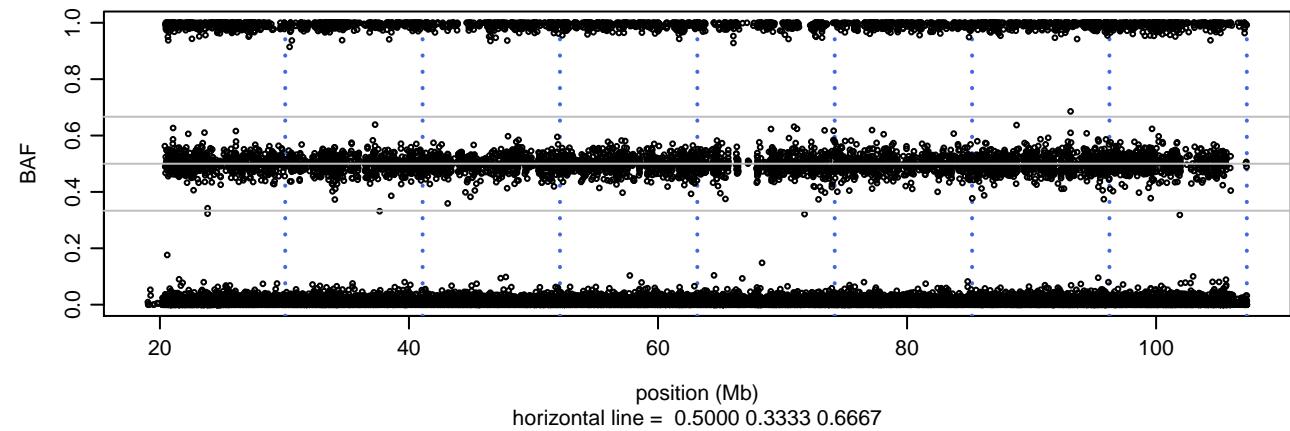
q11
q12.1
q12.2
q12.3
q13.1
q13.2
q13.3
q14.1
q14.1
q14.2
q14.3
q21.1
q21.2
q21.3
q21.3
q22.1
q22.3
q31.1
q31.2
q31.3
q32.1
q32.2
q32.3
q33.1
q33.2
q33.3
q34



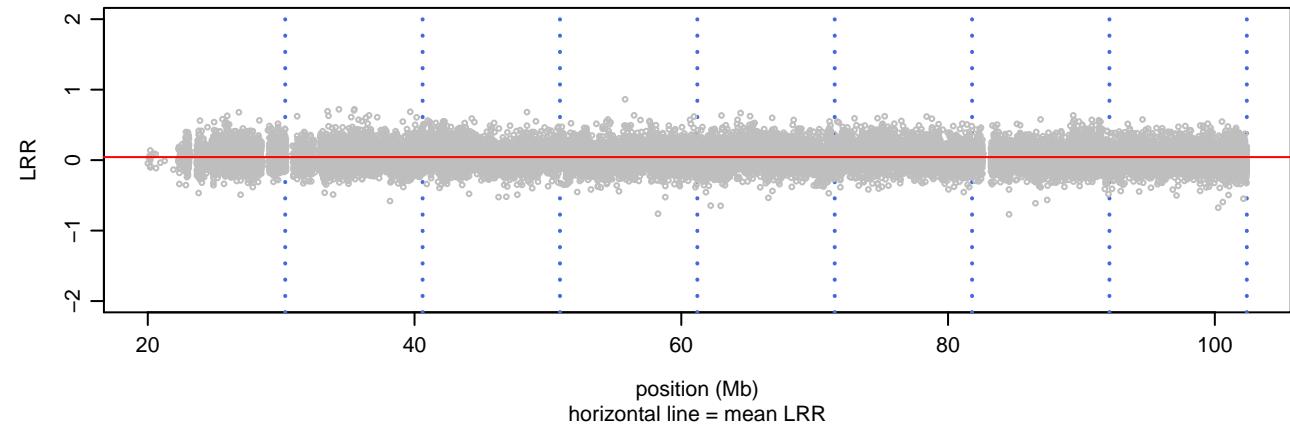
Scan 280 – Chromosome 14 – ANG_K41I_A04



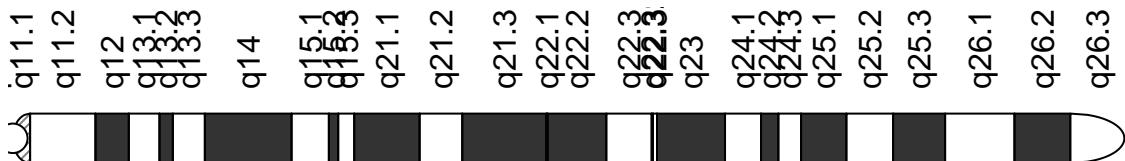
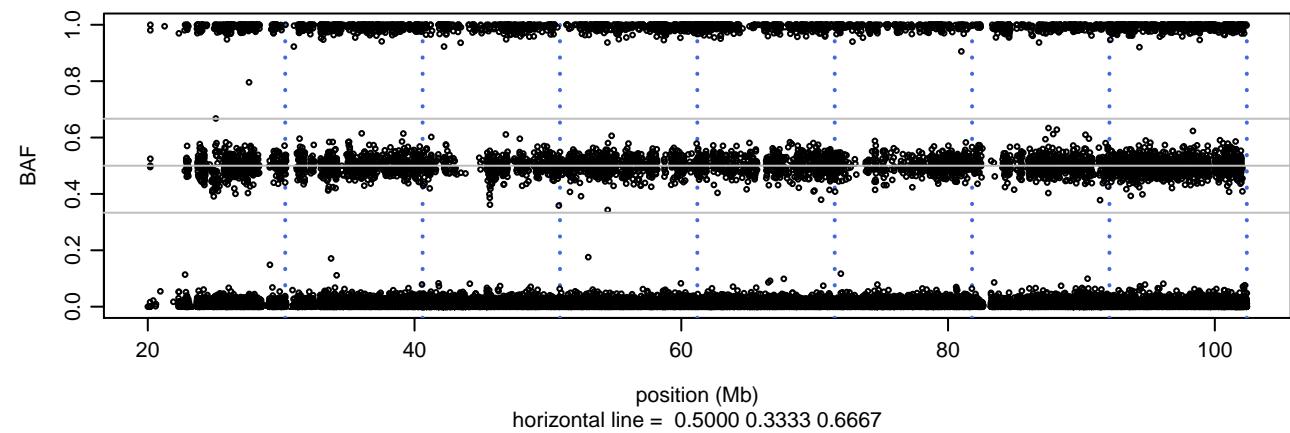
green=AA, orange=AB, purple=BB, black=missing



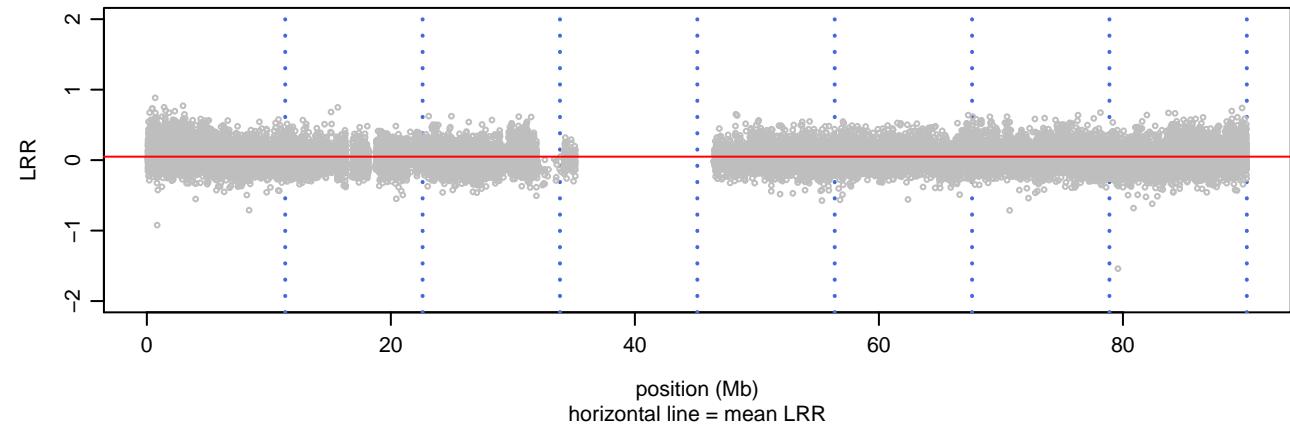
Scan 280 – Chromosome 15 – ANG_K41I_A04



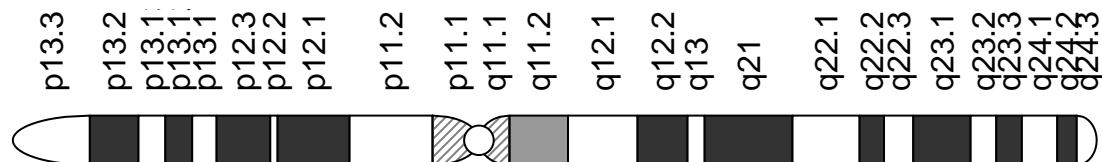
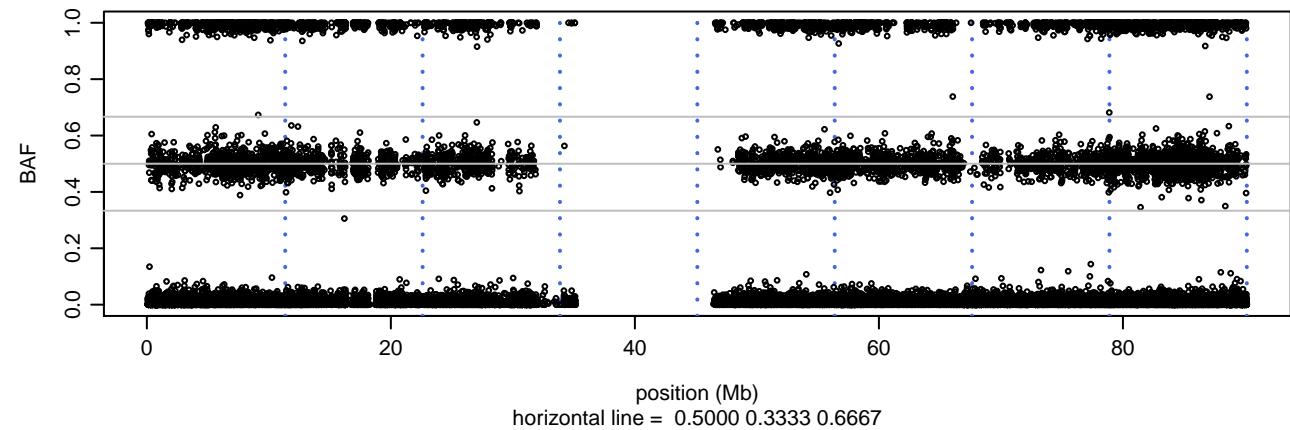
green=AA, orange=AB, purple=BB, black=missing



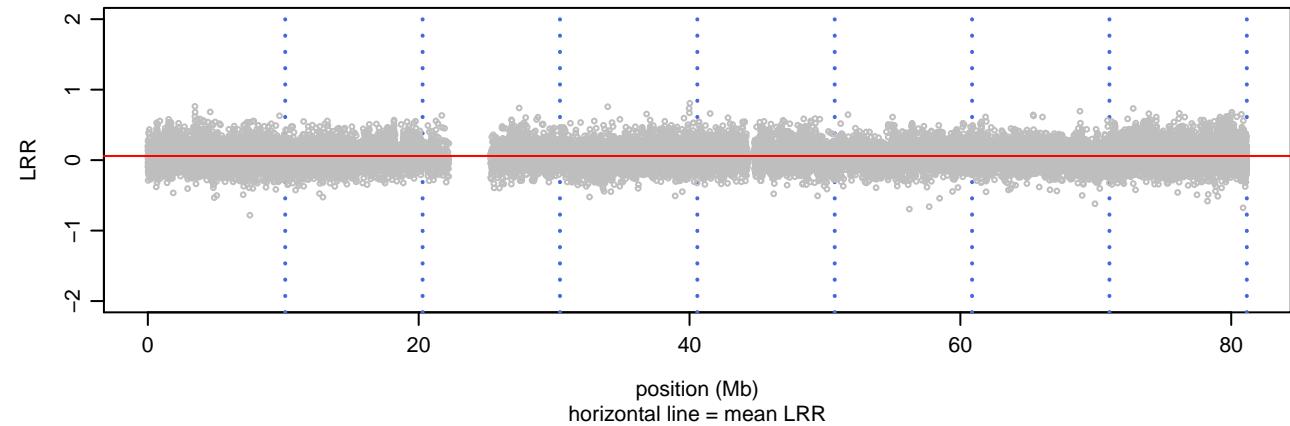
Scan 280 – Chromosome 16 – ANG_K41I_A04



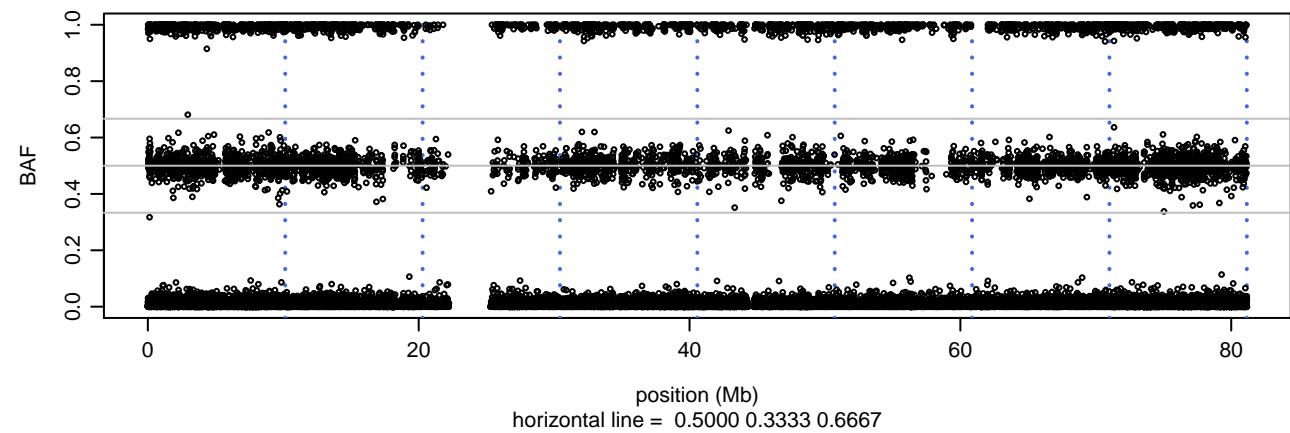
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 17 – ANG_K41I_A04



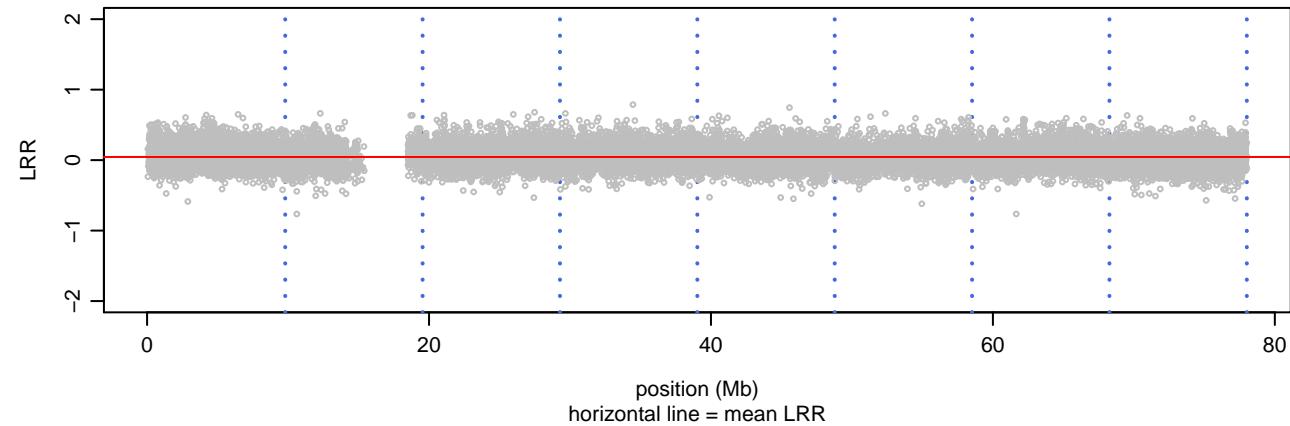
green=AA, orange=AB, purple=BB, black=missing



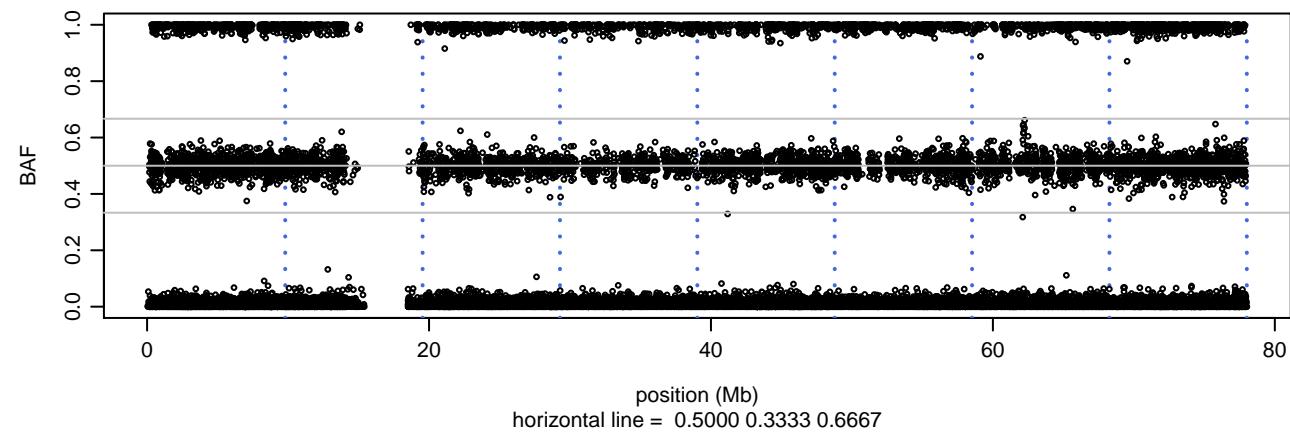
p13.3
p13.2
p13.1
p12
p11.2
q11.1
q11.2
q12
q21.1
q21.2
q21.3
q21.3
q21.3
q22
q23.1
q23.2
q23.3
q24.1
q24.2
q24.3
q25.1
q25.2
q25.3



Scan 280 – Chromosome 18 – ANG_K41I_A04



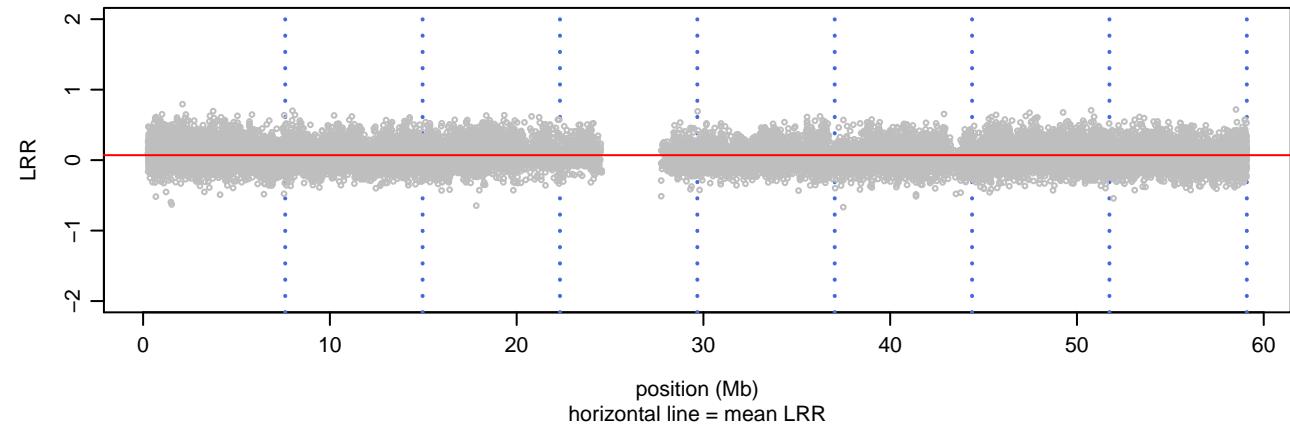
green=AA, orange=AB, purple=BB, black=missing



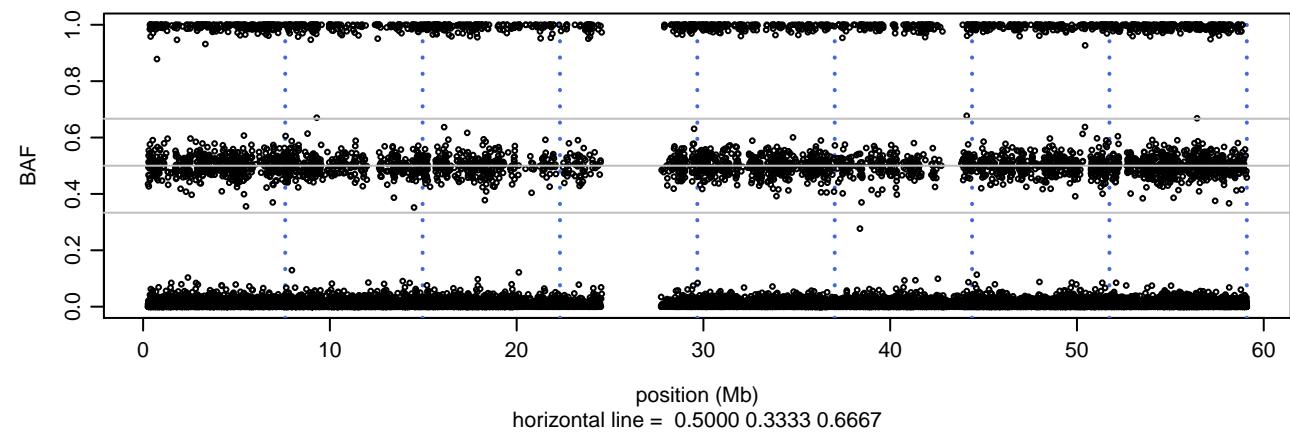
p11.3
p11.3
p11.2
p11.2
q11.1
q11.2
q12.1
q12.2
q12.3
q21.1
q21.2
q21.3
q21.3
q21.3
q22.1
q22.2
q22.3
q23



Scan 280 – Chromosome 19 – ANG_K41I_A04



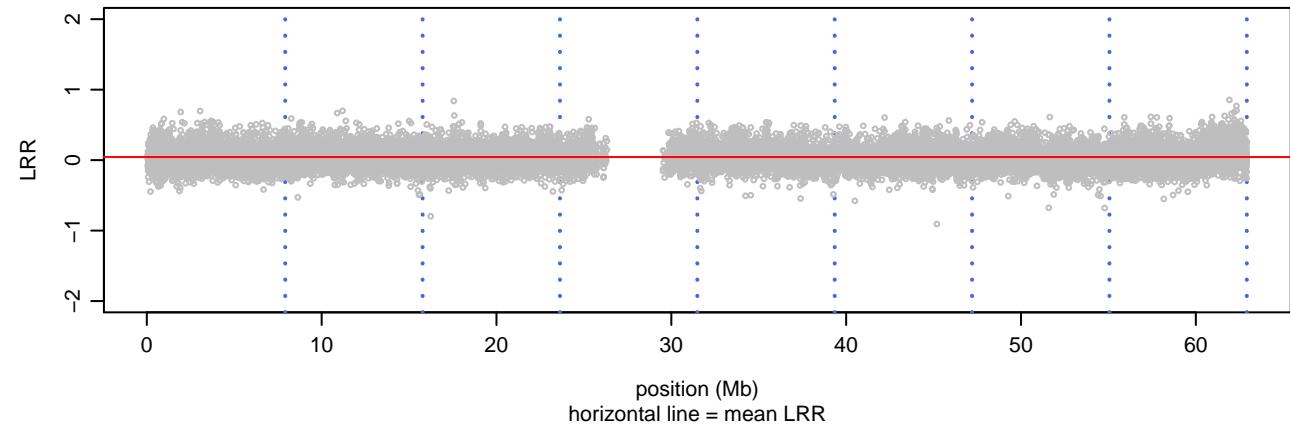
green=AA, orange=AB, purple=BB, black=missing



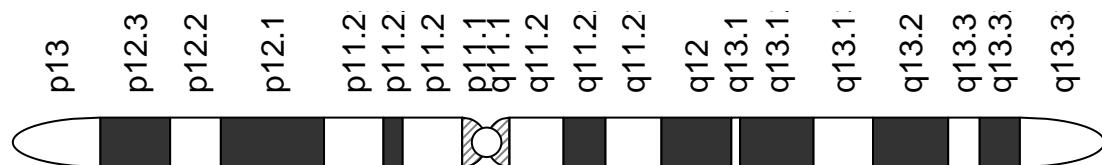
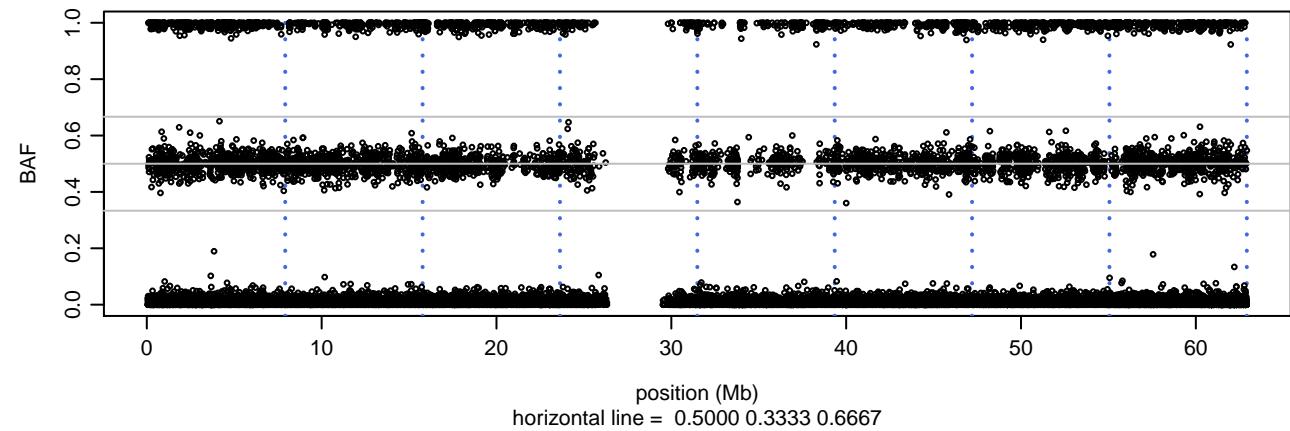
p13.3 p13.2 p13.1 p13.1 p13.1 p12 p11 q11 q12 q13.1 q13.1 q13.1 q13.2 q13.3 q13.3 q13.3 q13.4 q13.4



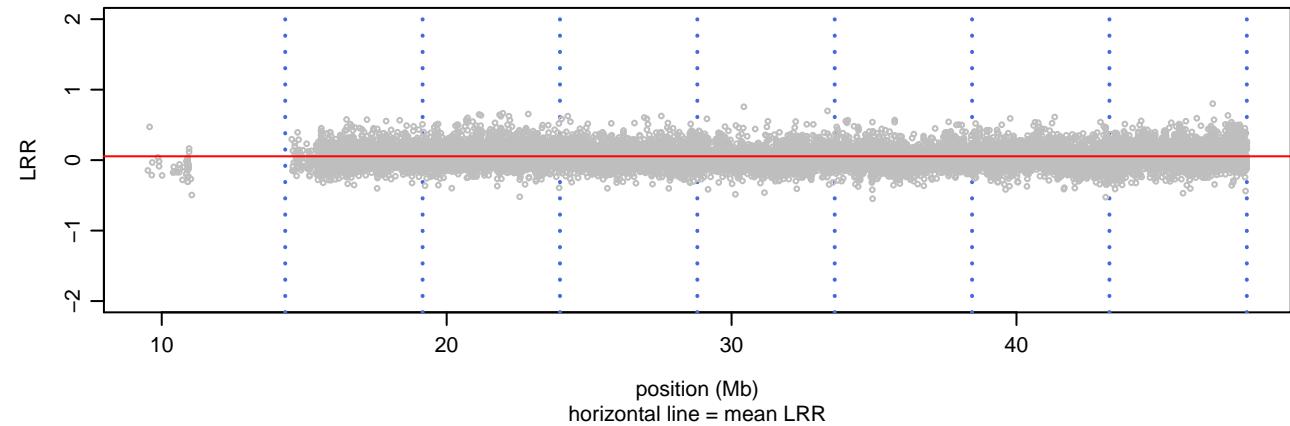
Scan 280 – Chromosome 20 – ANG_K41I_A04



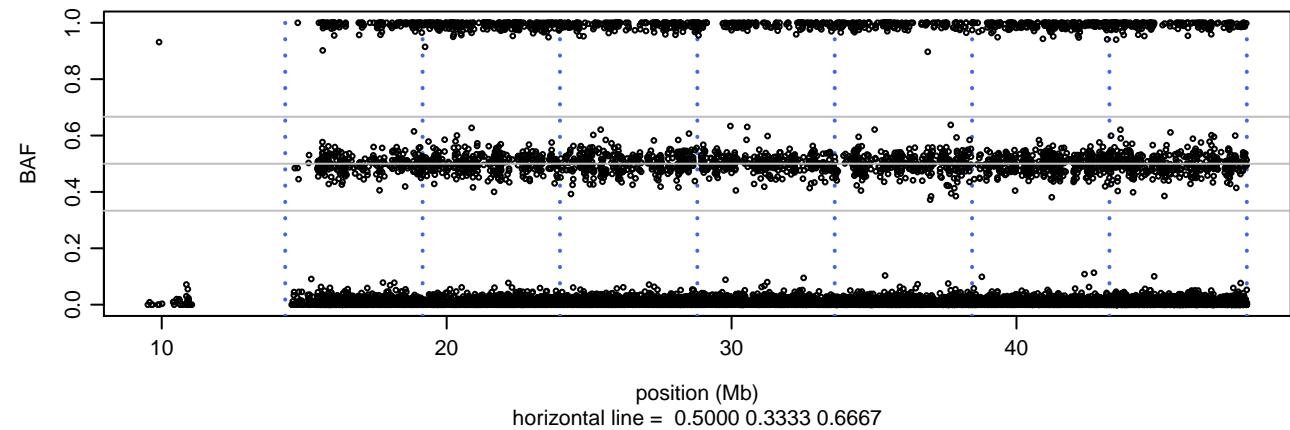
green=AA, orange=AB, purple=BB, black=missing



Scan 280 – Chromosome 21 – ANG_K41I_A04



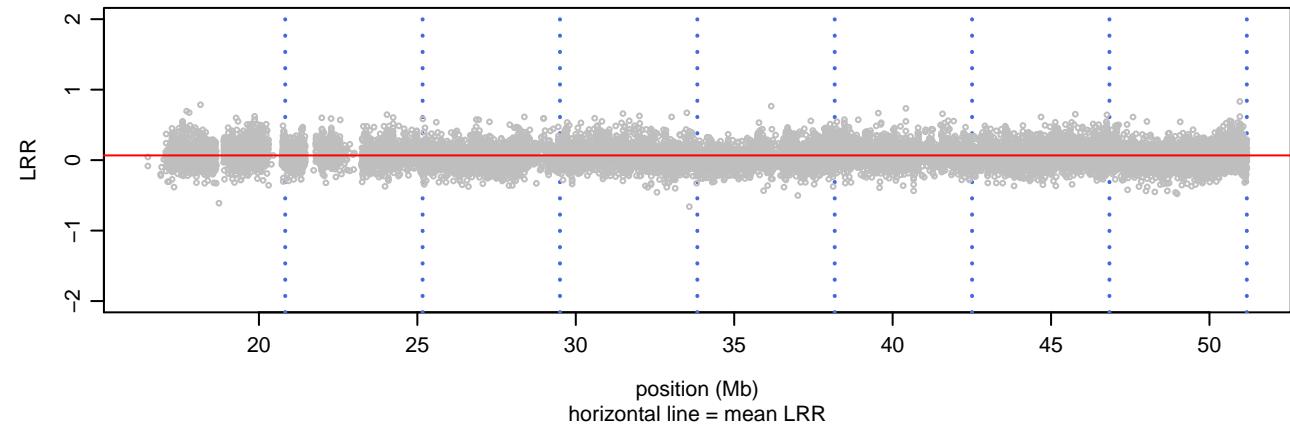
green=AA, orange=AB, purple=BB, black=missing



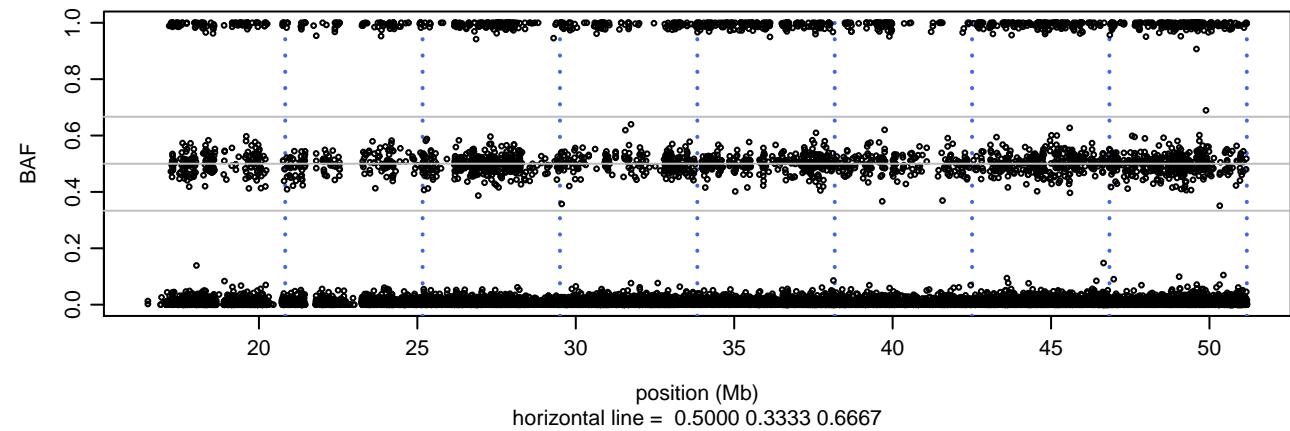
p11.2
p11.1
q11.1
q11.2
q21.1
q21.2
q21.3
q22.1
q22.1
q22.2
q22.3



Scan 280 – Chromosome 22 – ANG_K41I_A04



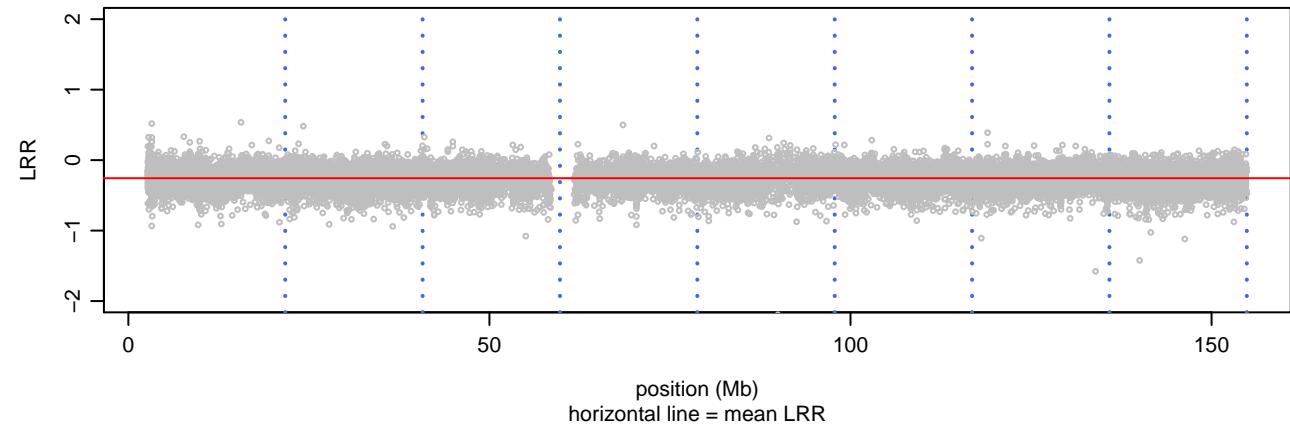
green=AA, orange=AB, purple=BB, black=missing



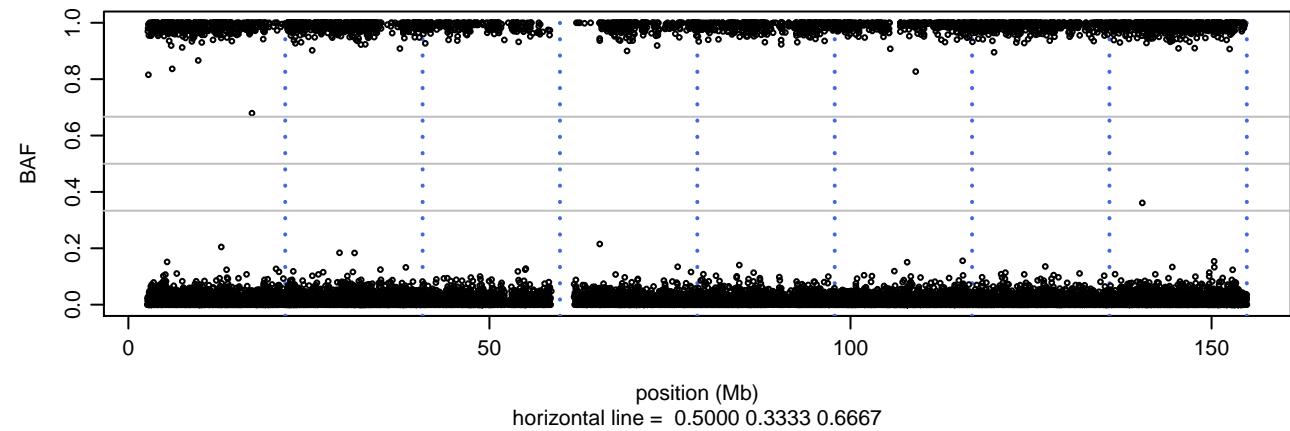
q11.2 q11.2 q11.2 q12.1 q12.2 q12.3 q13.1 q13.2 q13.3 q13.3



Scan 280 – Chromosome X – ANG_K41I_A04



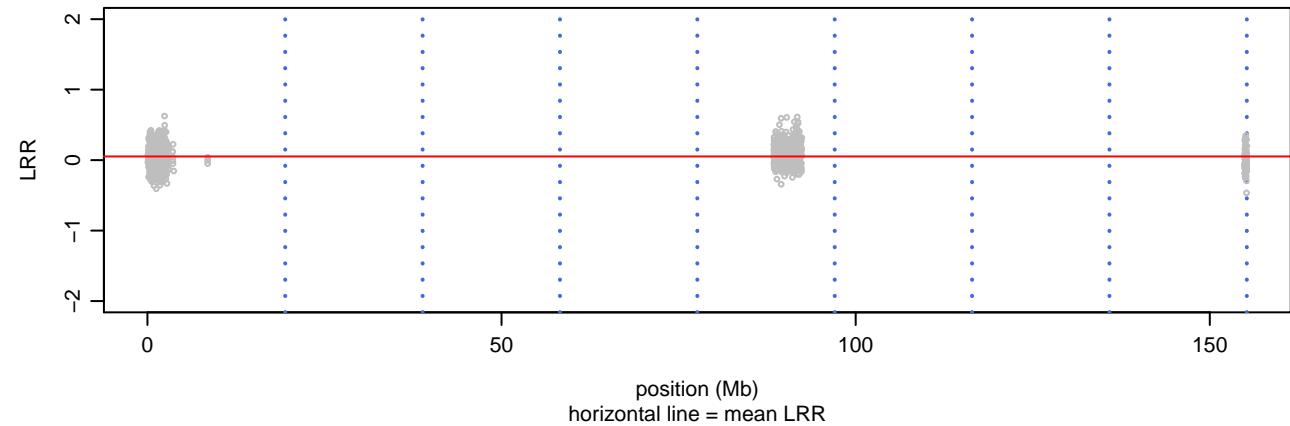
green=AA, orange=AB, purple=BB, black=missing



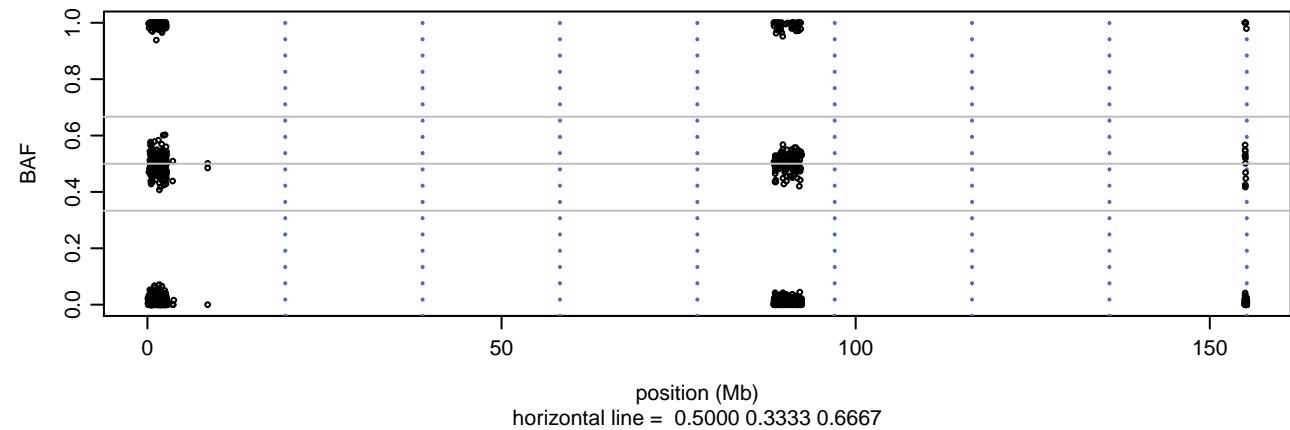
p22.3
p22.2
p22.1
p22.3
p21.1
p21.4
p11.3
p11.2
p11.1
p11.1
q21.1
q21.2
q21.3
q21.1
q21.2
q22.3
q23
q24
q25
q26.1
q26.3
q27.3
q27.1
q28



Scan 280 – Chromosome Y – ANG_K41I_A04



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



q12

