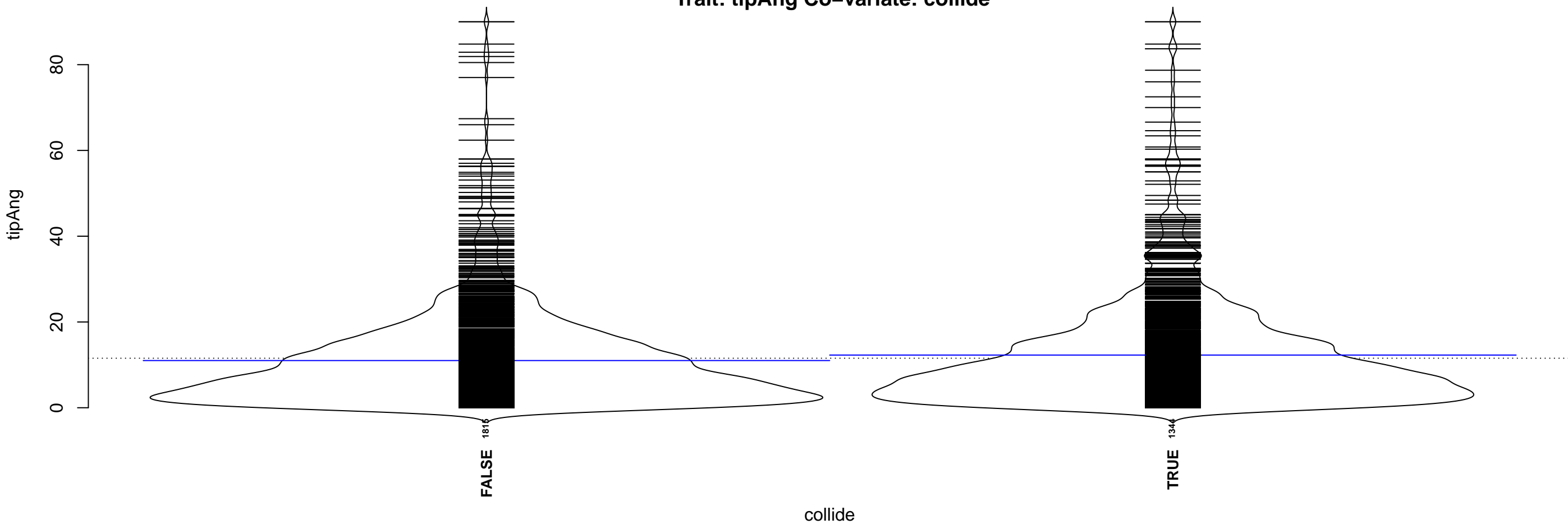
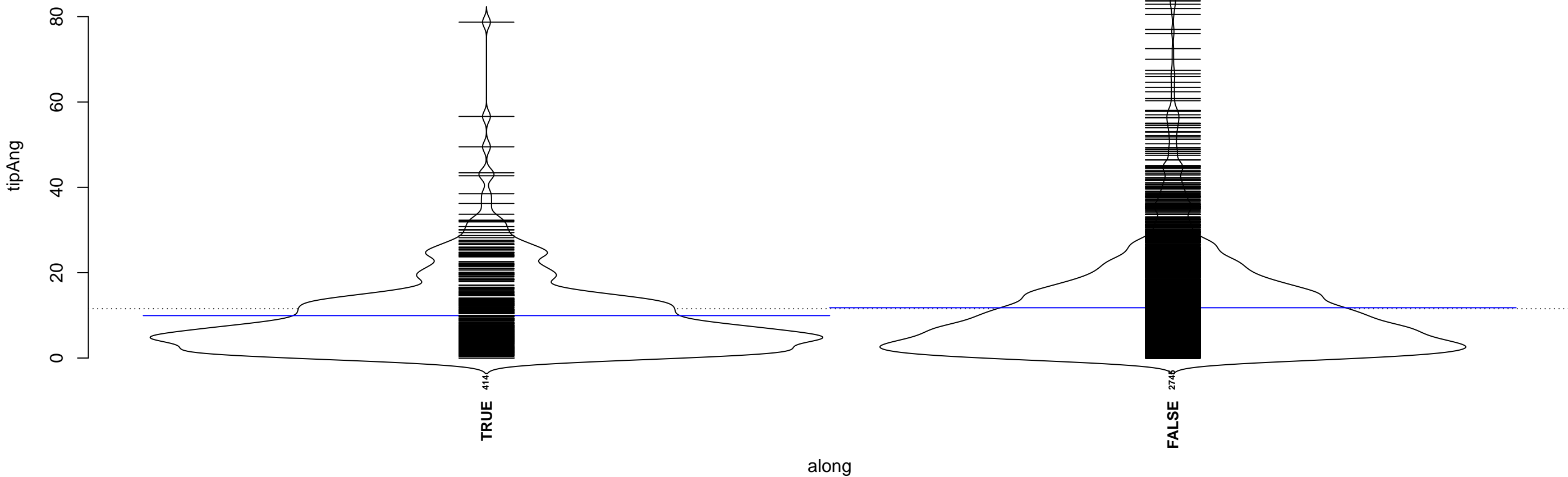
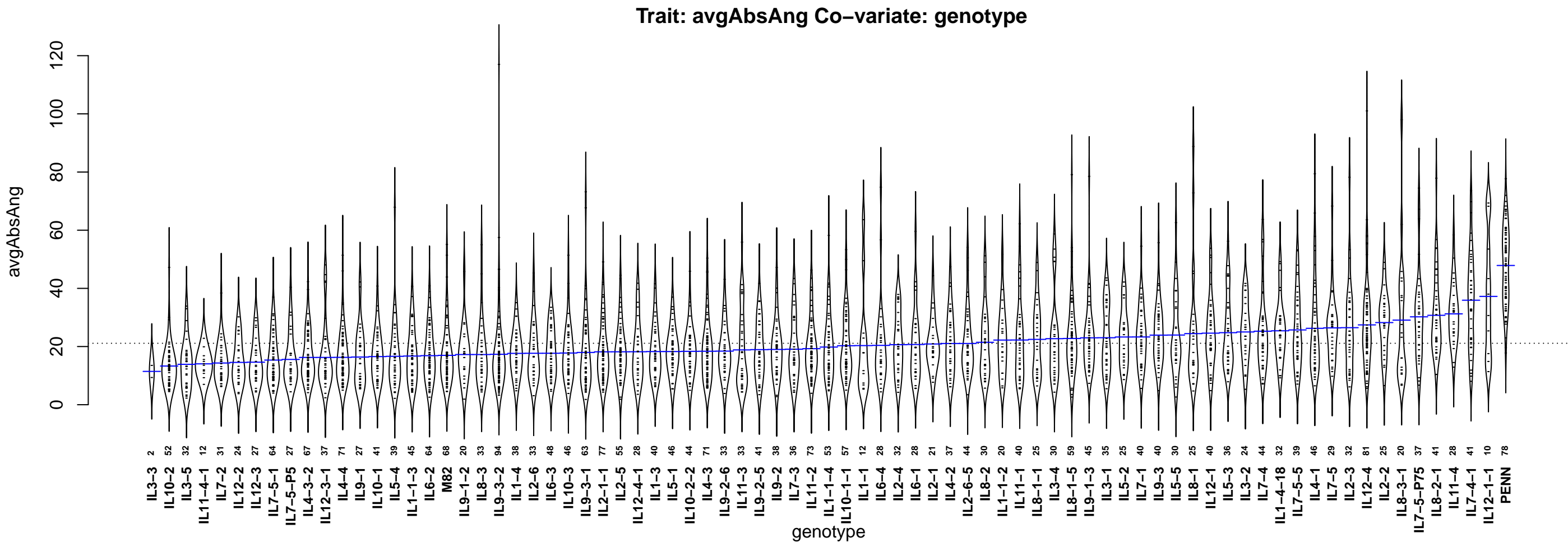


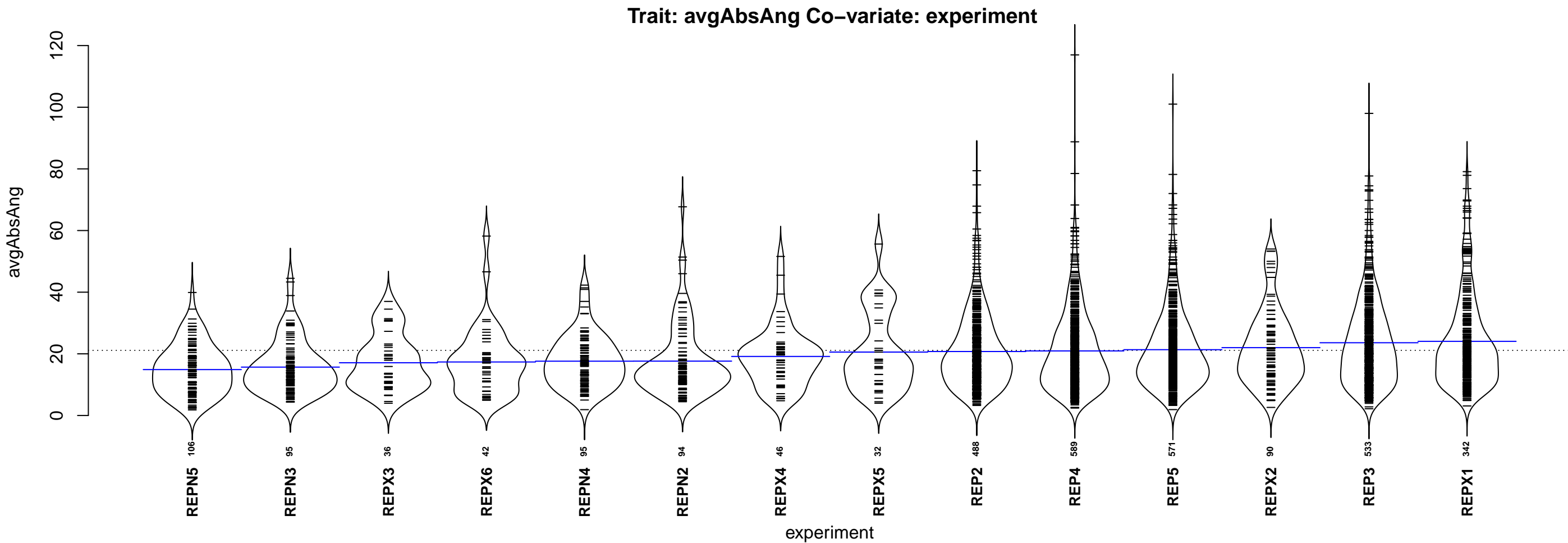
Trait: tipAng Co-variate: collide

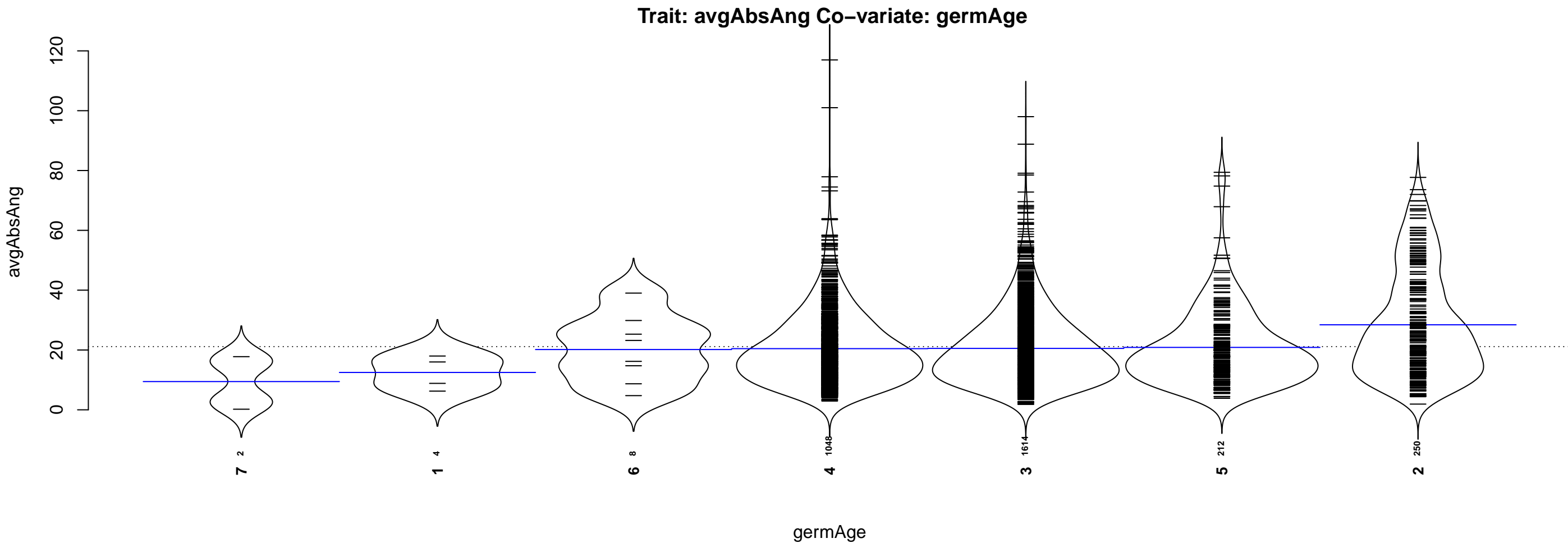


Trait: tipAng Co-variate: along

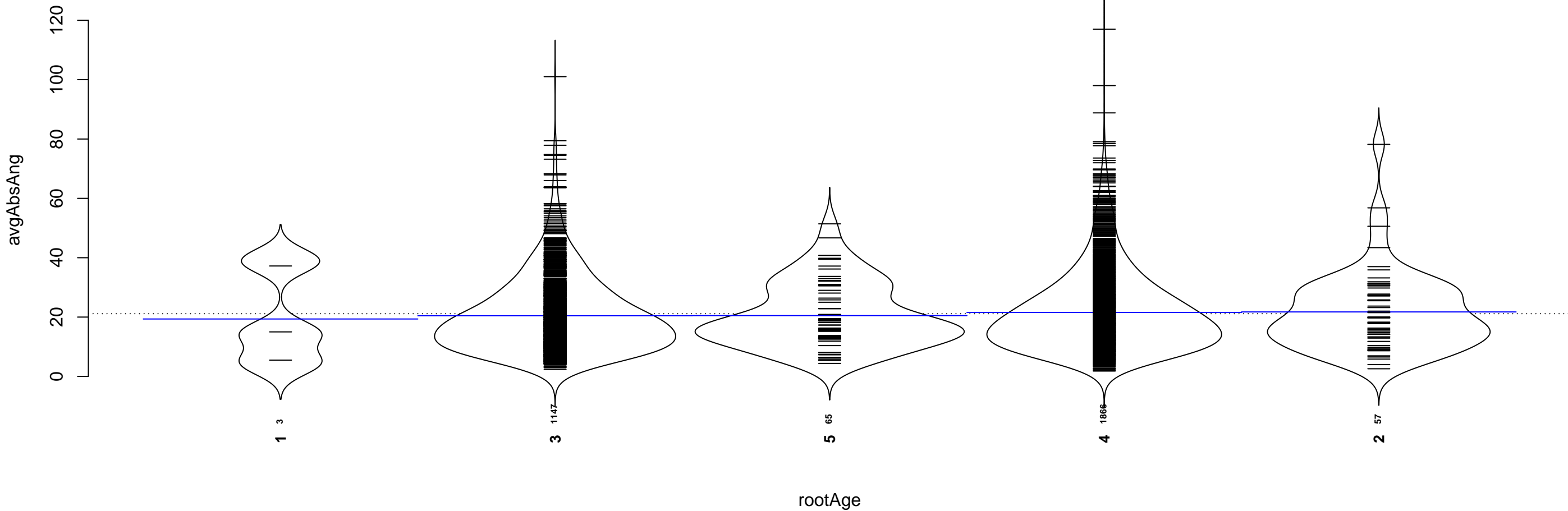


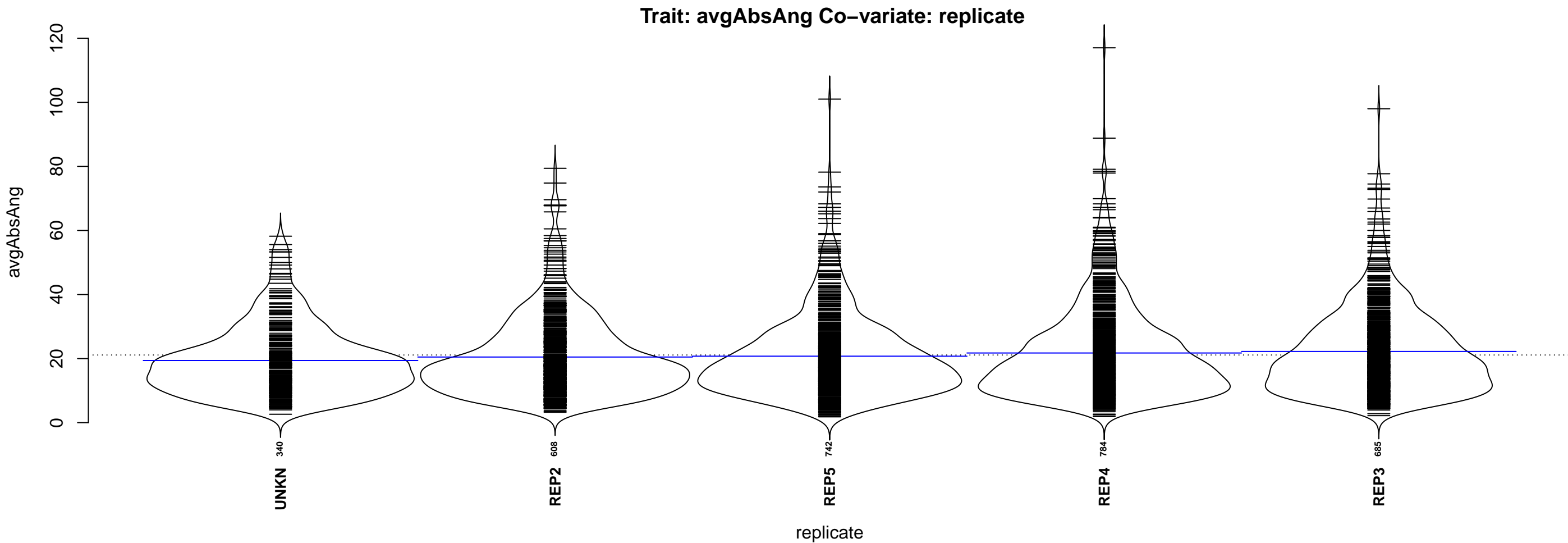


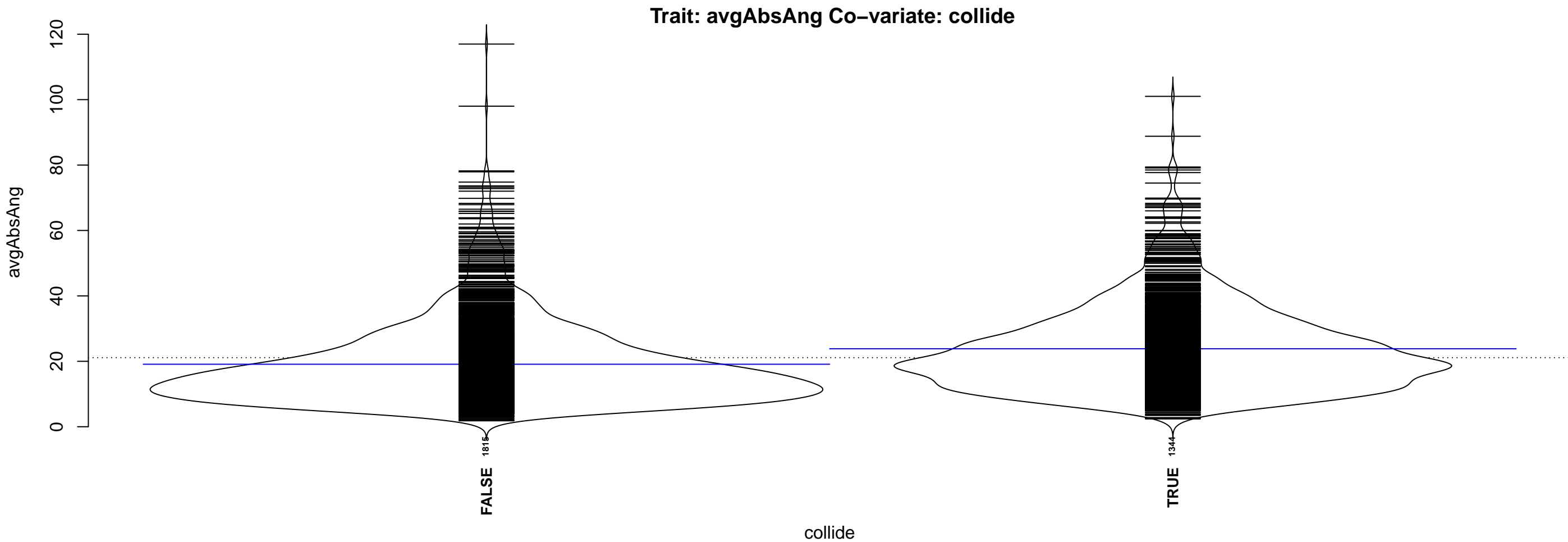


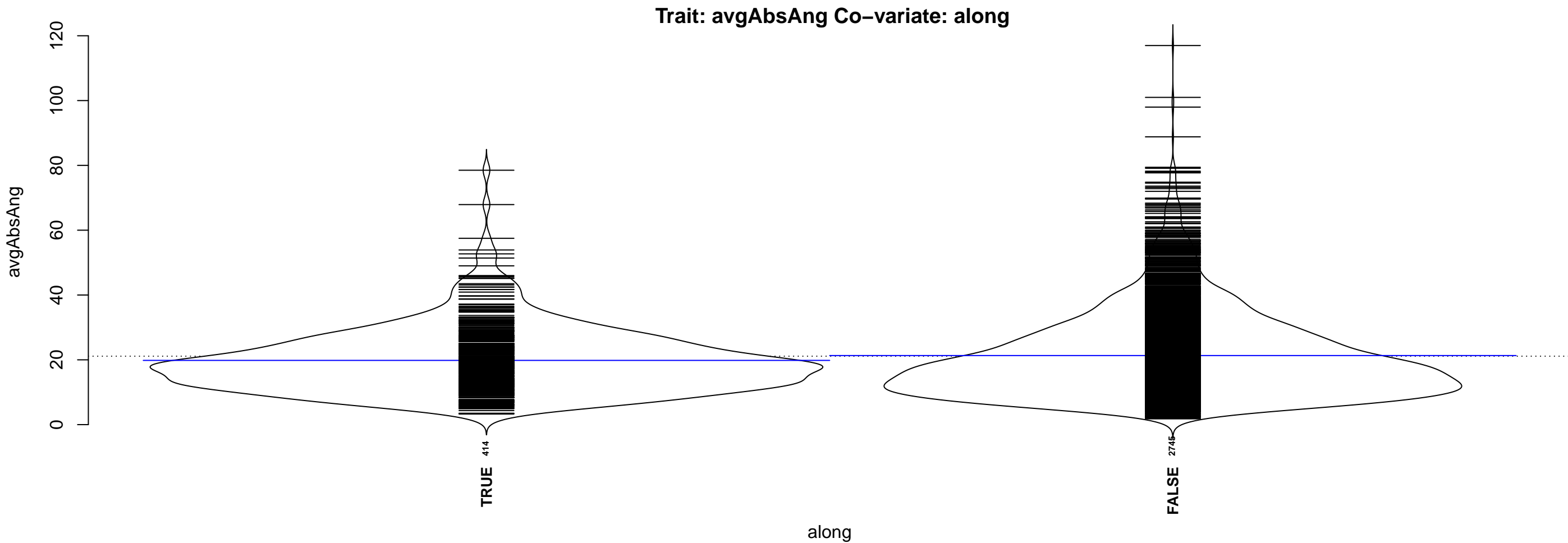


Trait: avgAbsAng Co-variate: rootAge









first3rdAng

200

150

100

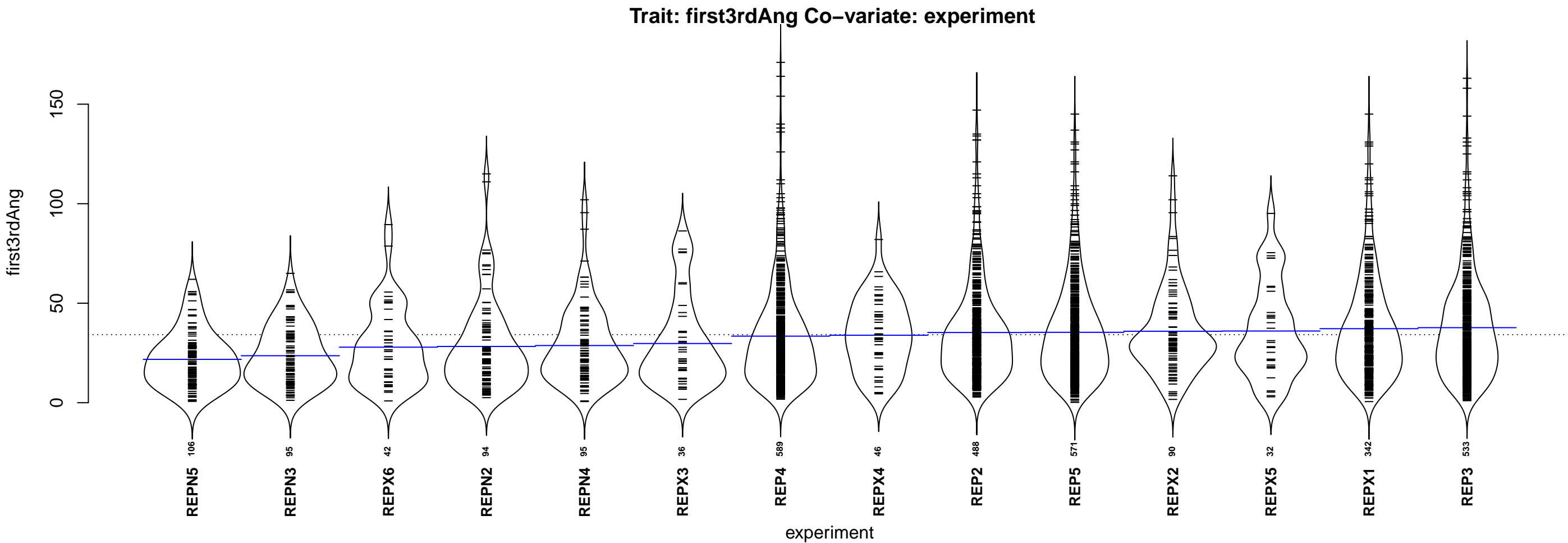
50

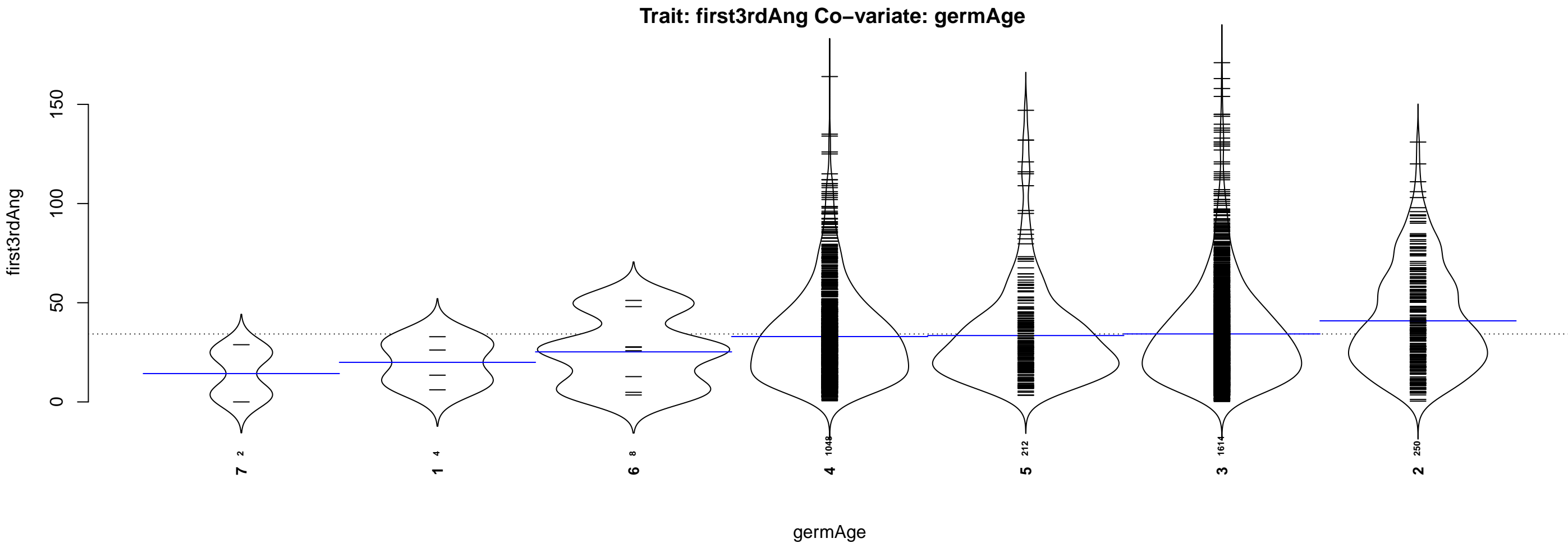
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Trait: first3rdAng Co-variate: genotype

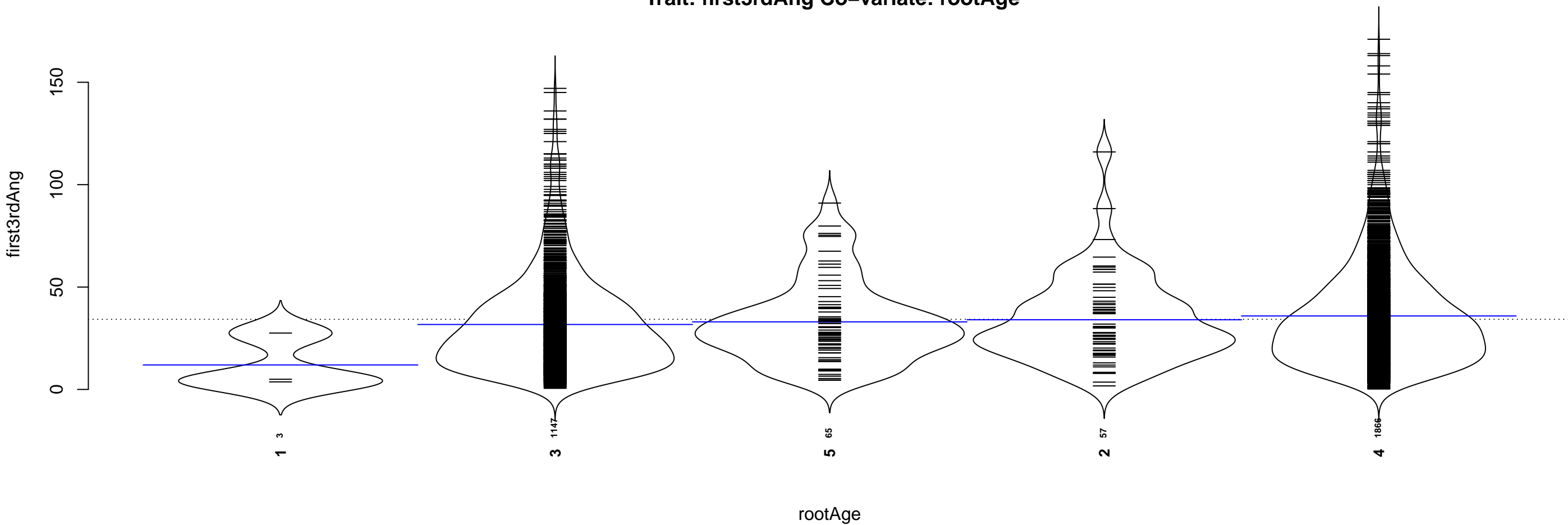
genotype

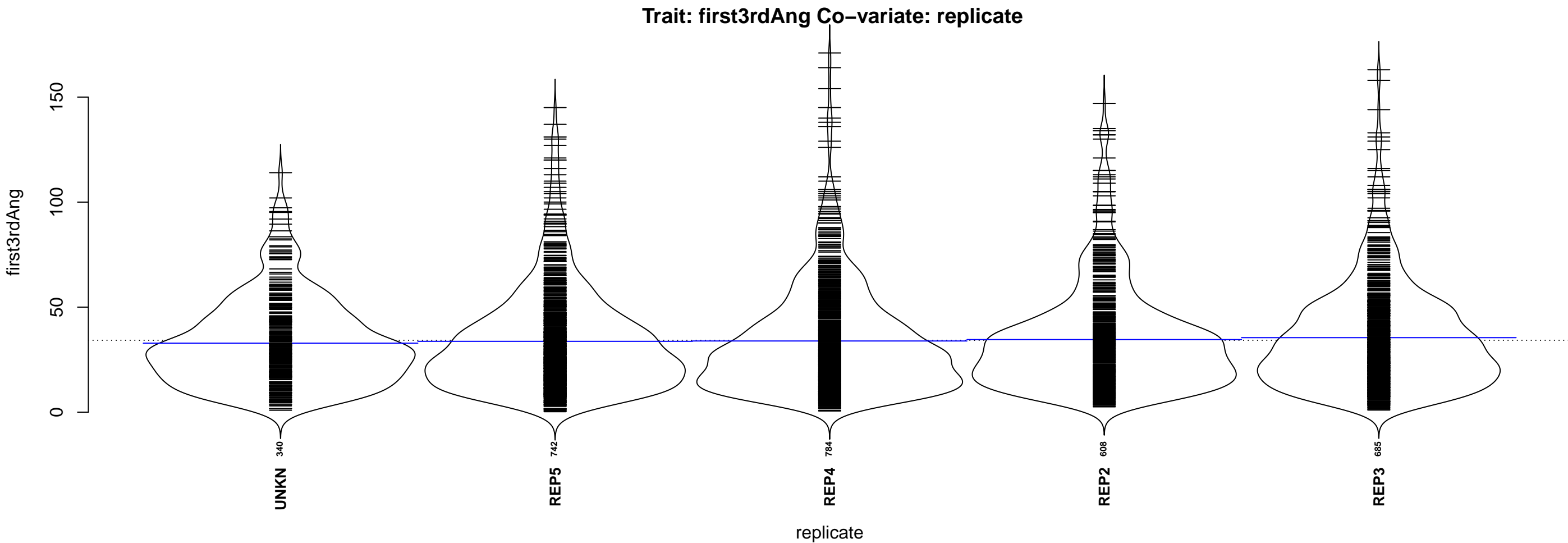
IL3-3 2
IL10-2 52
IL3-5 32
IL12-2 24
IL7-2 31
IL7-5-P5 27
IL12-3 27
IL11-4-1 12
IL9-1-2 20
IL6-2 64
IL9-1 27
IL9-3-1 63
IL1-1-3 45
IL2-5 55
IL7-5-1 64
IL12-3-1 37
IL4-3 71
IL2-6 33
IL9-2-6 33
IL1-3 40
IL4-3-2 67
IL10-1 41
IL6-3 48
IL4-4 71
IL2-1-1 77
IL7-3 36
IL7-5 29
IL1-4 38
IL2-4 32
IL5-4 39
IL11-2 73
IL9-3-2 94
IL8-3 33
M82 68
IL5-1 46
IL4-2 37
IL10-3 46
IL10-2-2 44
IL8-2 30
IL10-1-1 57
IL6-1 28
IL9-2 38
IL9-2-5 41
IL1-1-2 20
IL2-6-5 44
IL5-3 36
IL1-1 12
IL11-3 33
IL1-1-4 53
IL2-1 21
IL8-1-1 25
IL9-1-3 45
IL2-3 32
IL3-1 35
IL8-2-1 41
IL3-4 30
IL12-4-1 28
IL6-4 28
IL2-2 25
IL12-1 40
IL7-4 44
IL8-1-5 59
IL11-1 40
IL4-1 46
IL9-3 40
IL5-5 30
IL7-5-5 39
IL7-1 40
IL5-2 25
IL12-4 81
IL1-4-18 32
IL8-1 25
IL11-4 28
IL7-5-P75 37
IL7-4-1 41
IL3-2 24
IL8-3-1 20
PENN 78
IL12-1-1 10

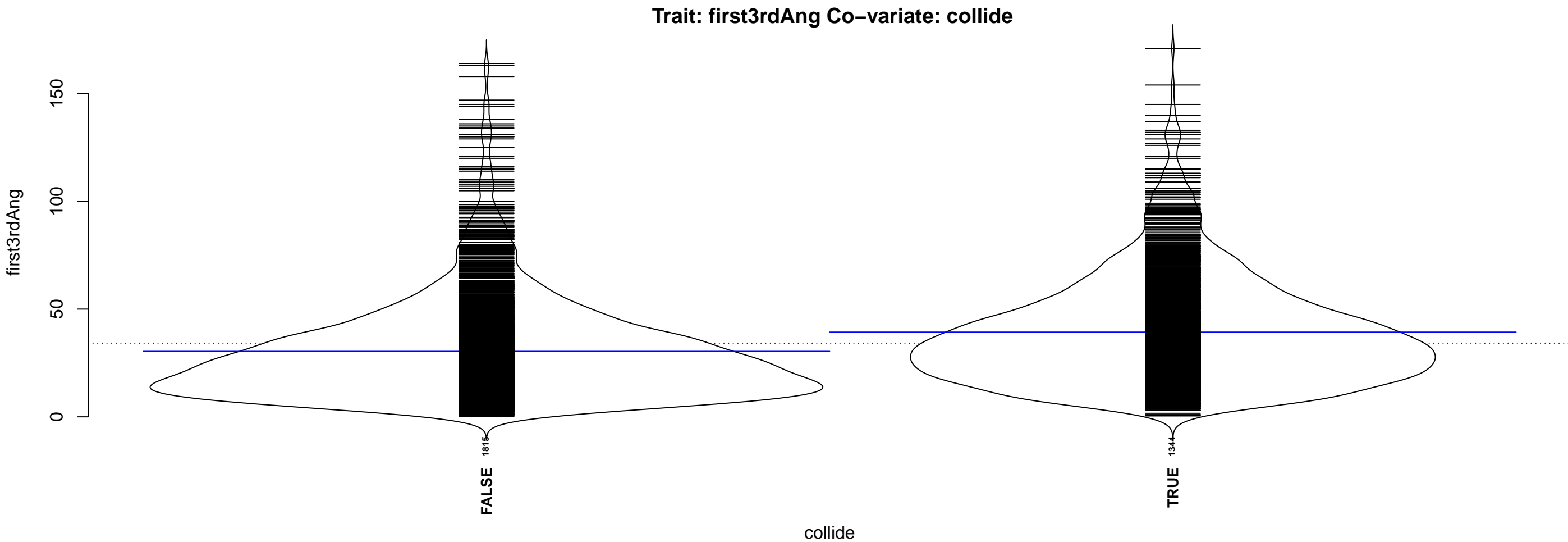




Trait: first3rdAng Co-variate: rootAge







Trait: first3rdAng Co-variate: along

first3rdAng

150
100
50
0

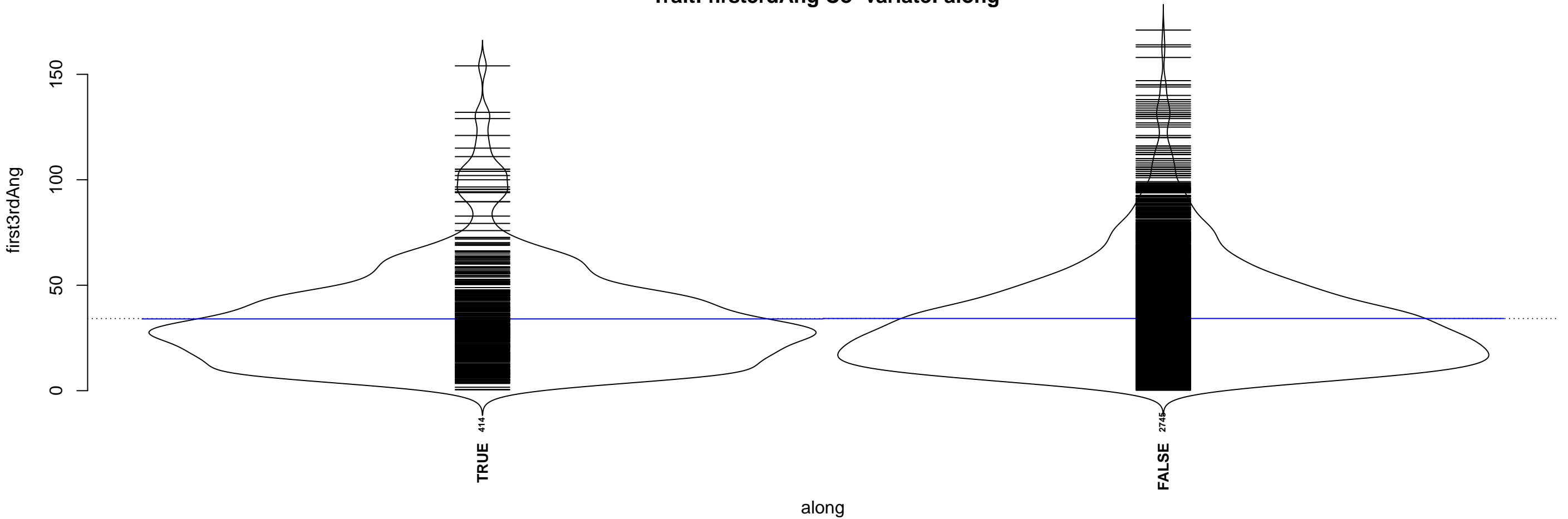
TRUE

414

FALSE

2745

along



mid3rdAng

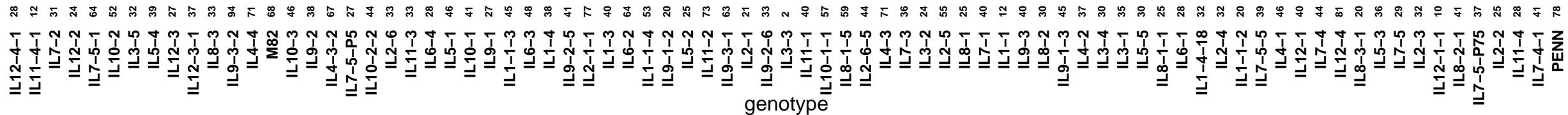
150

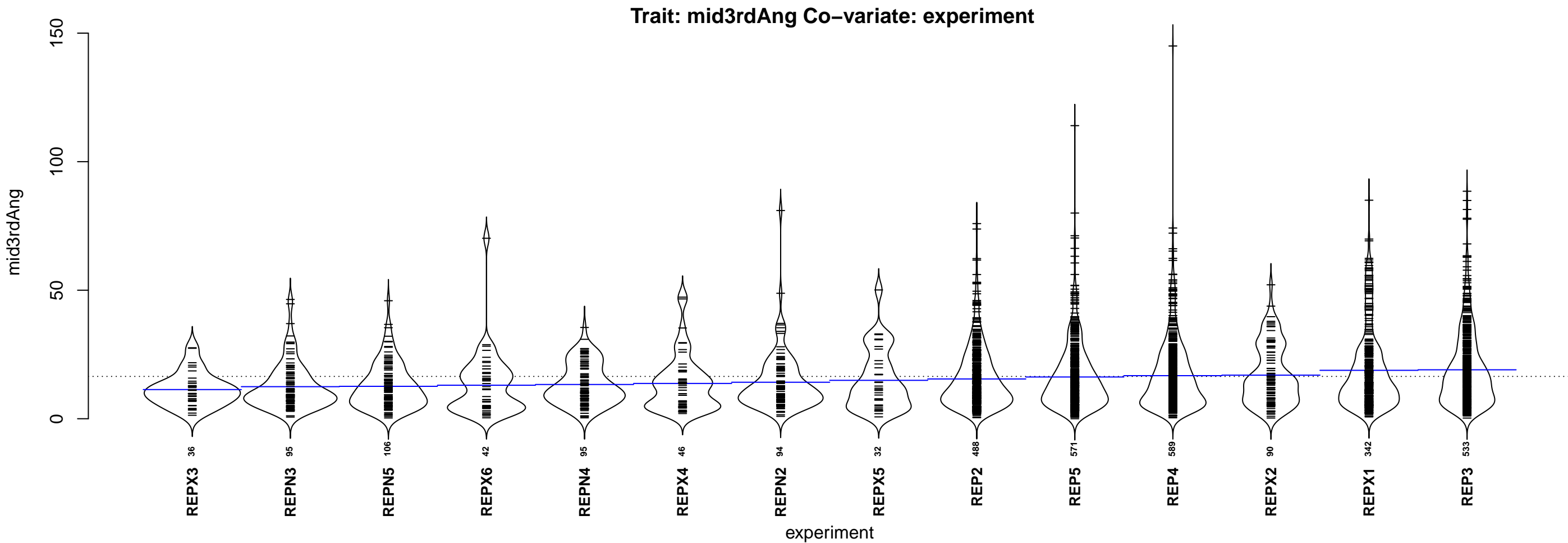
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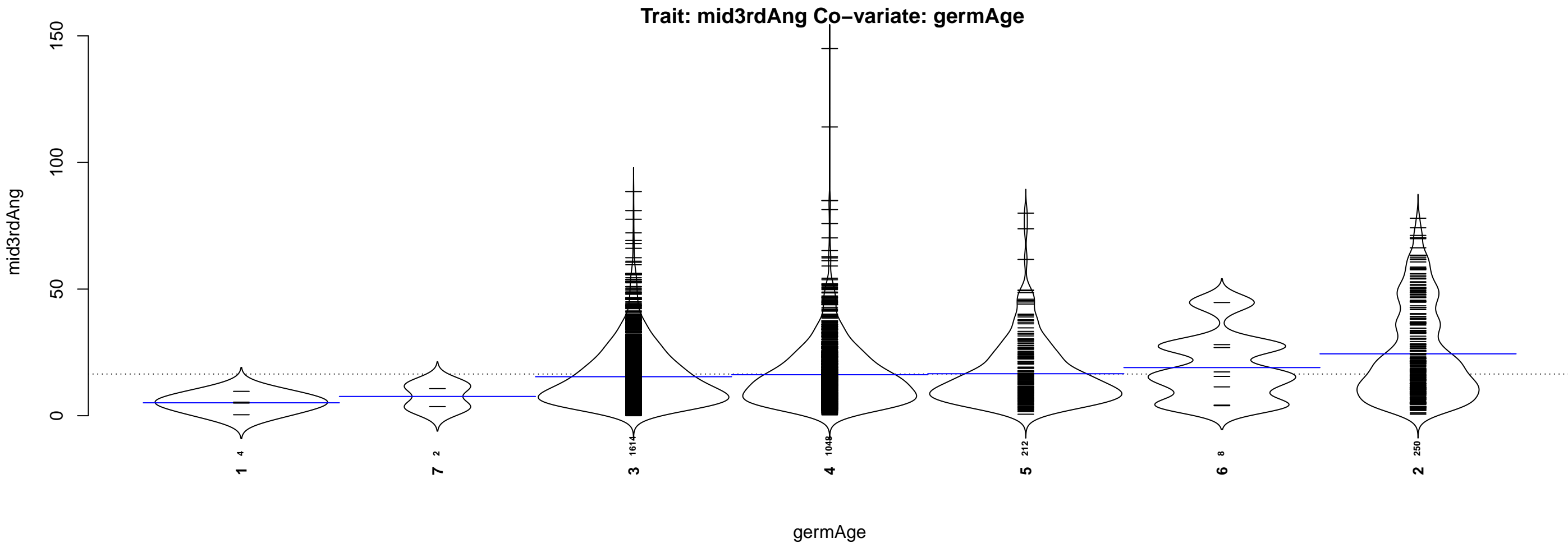
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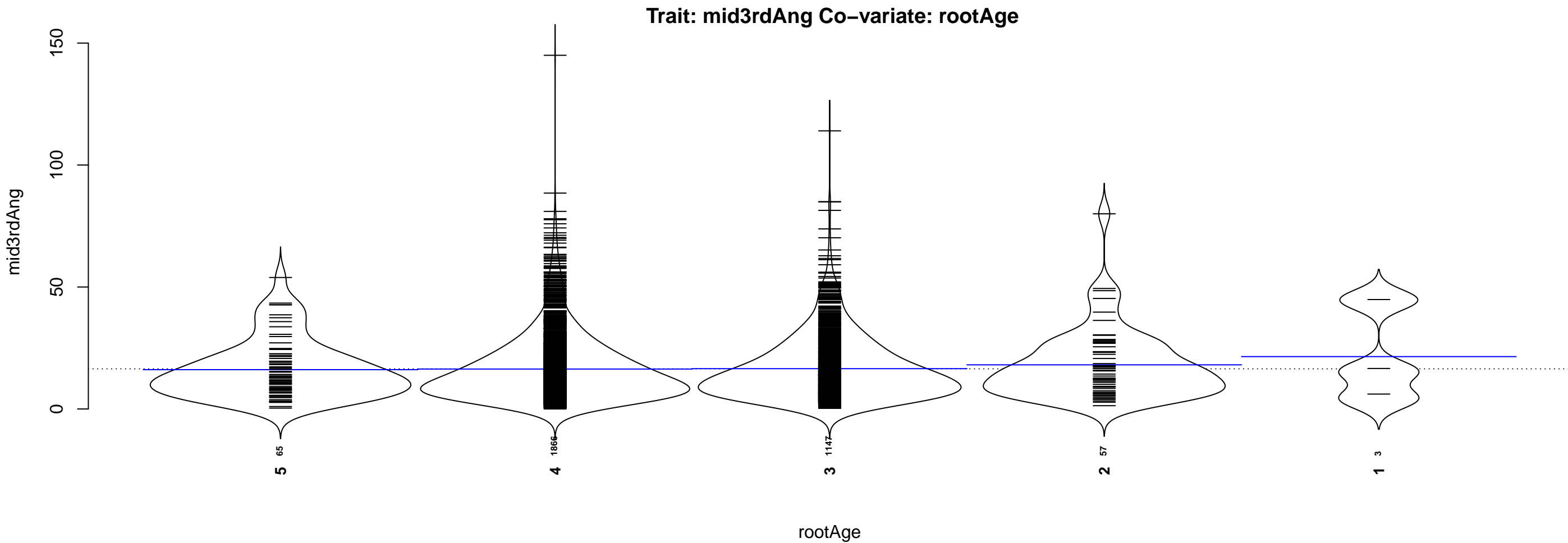
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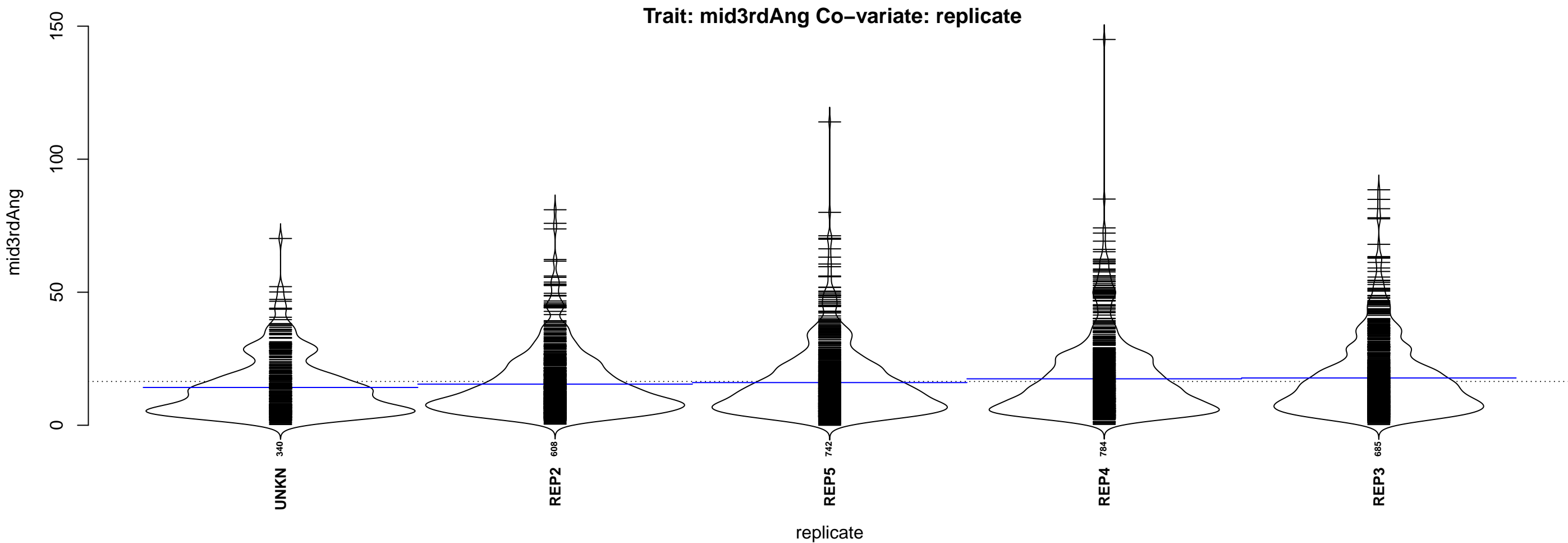
Trait: mid3rdAng Co-variate: genotype

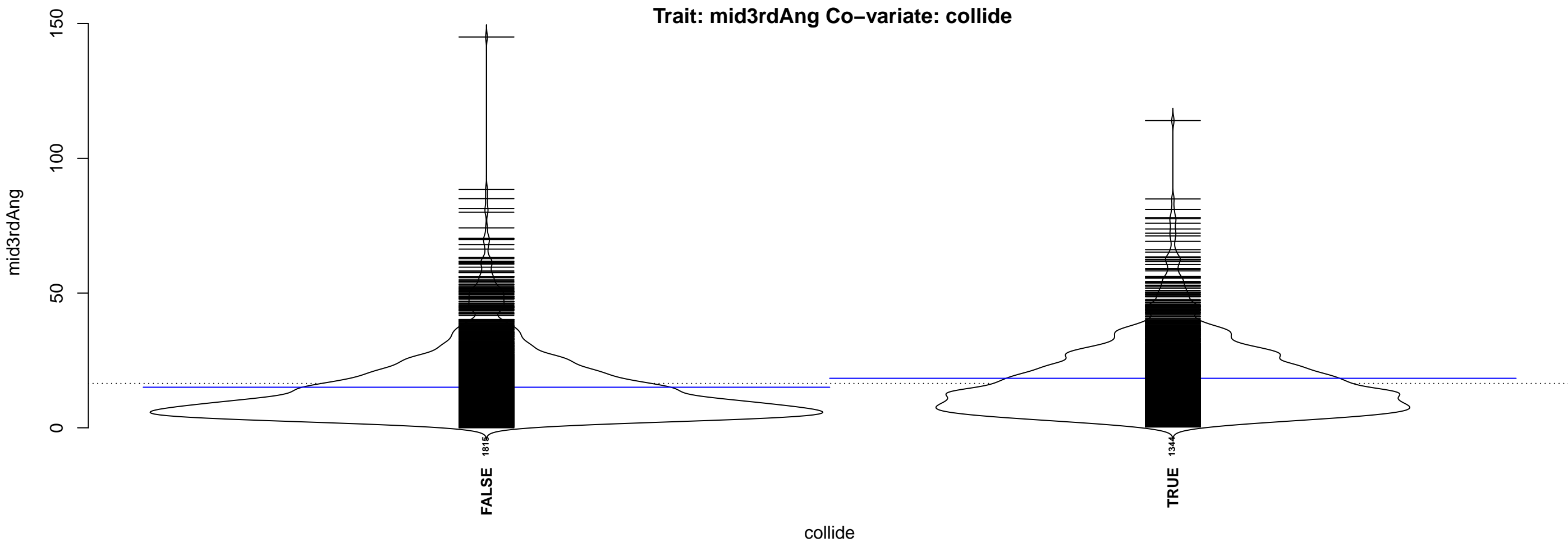


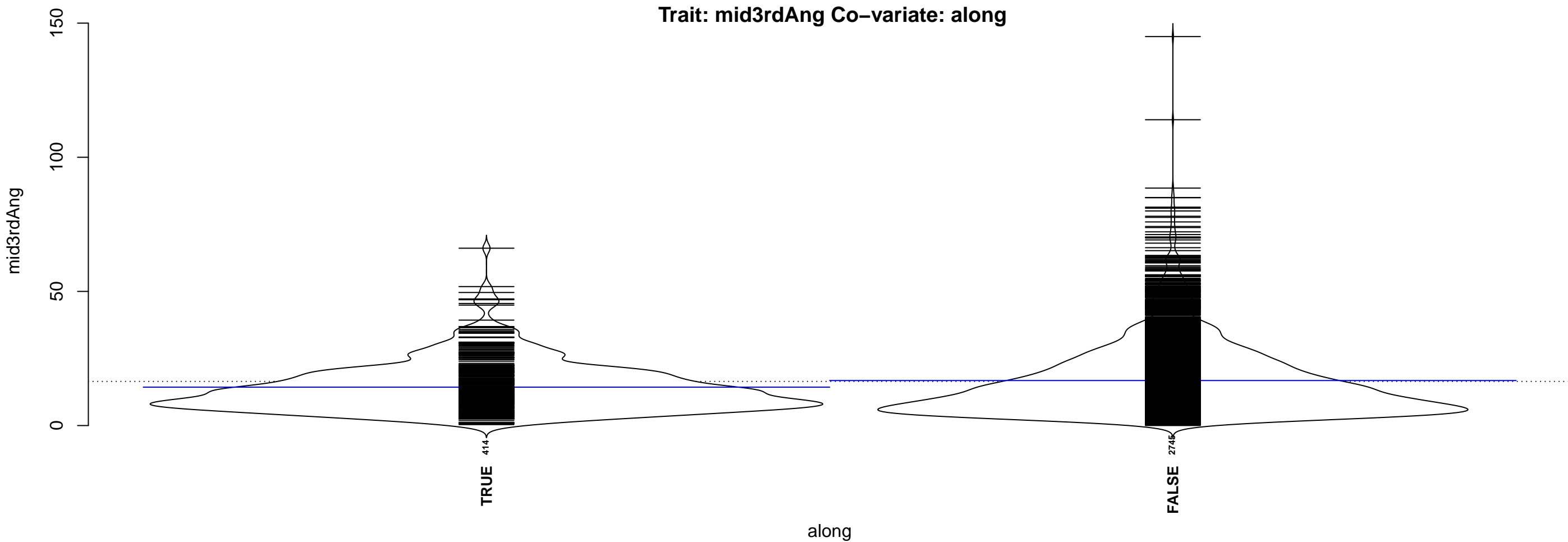


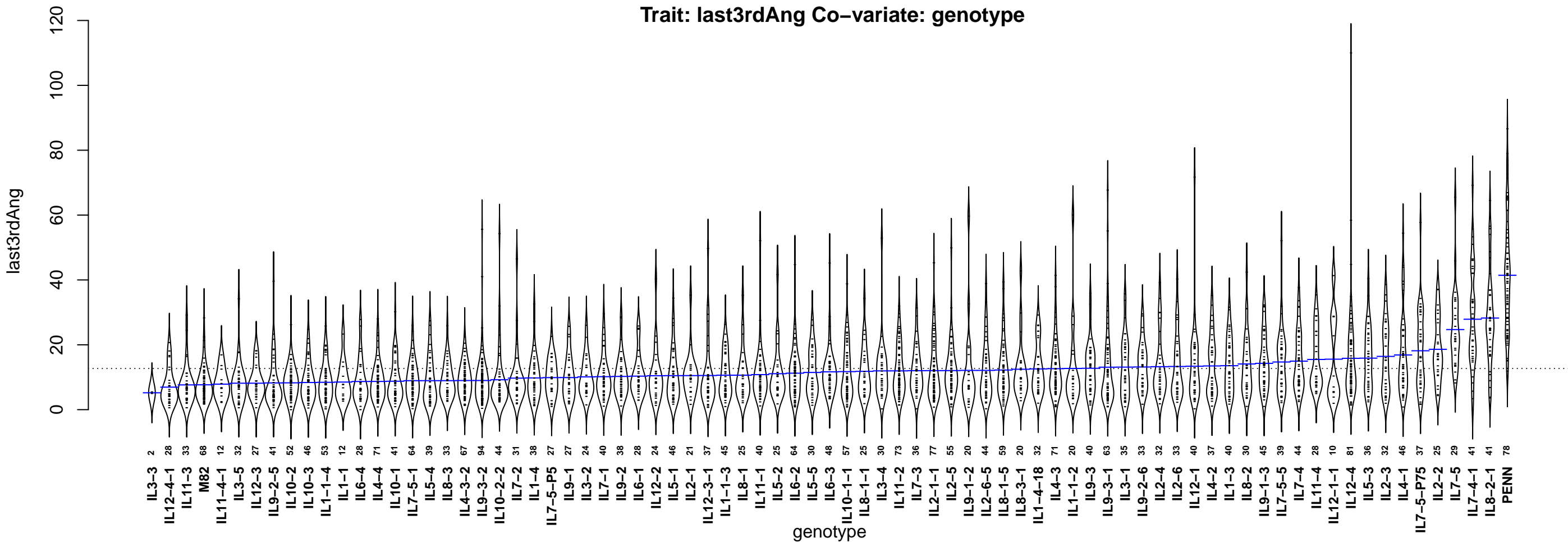


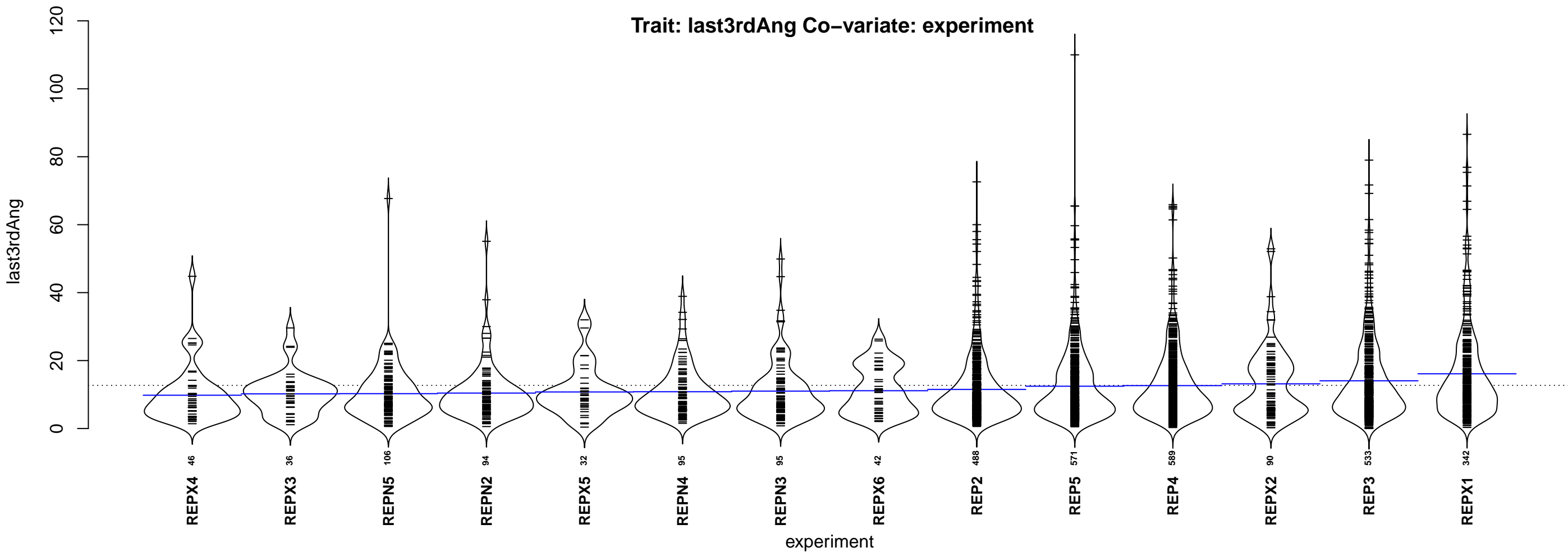


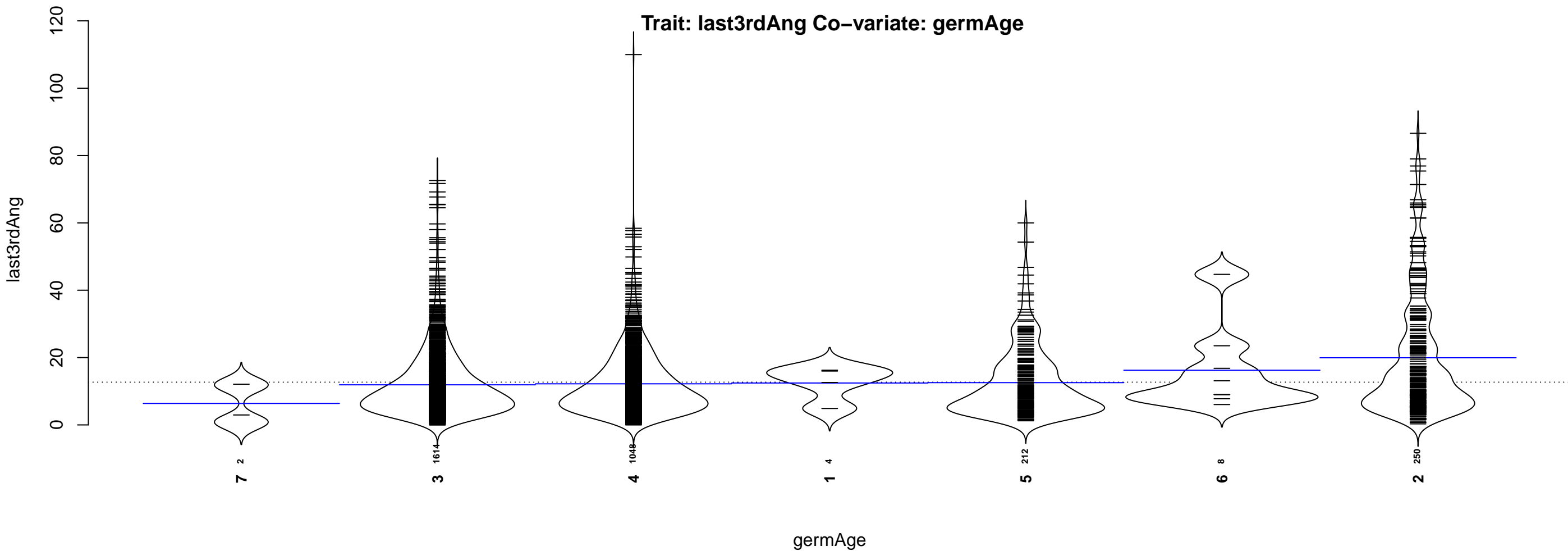


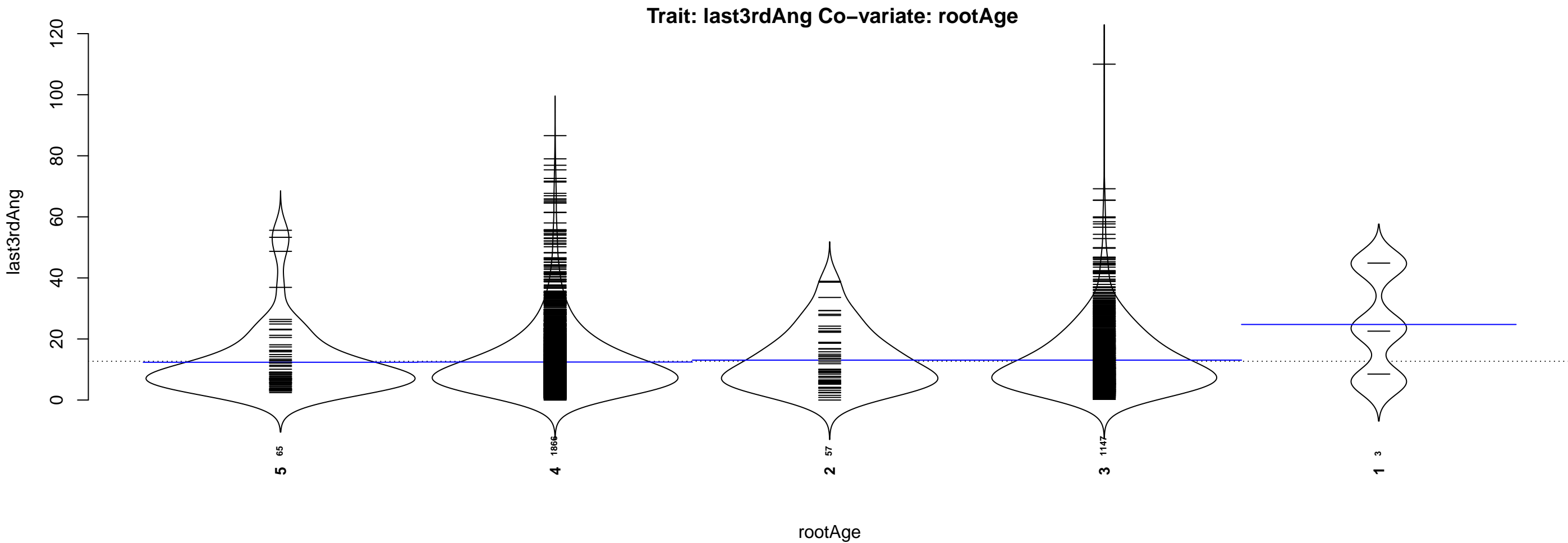


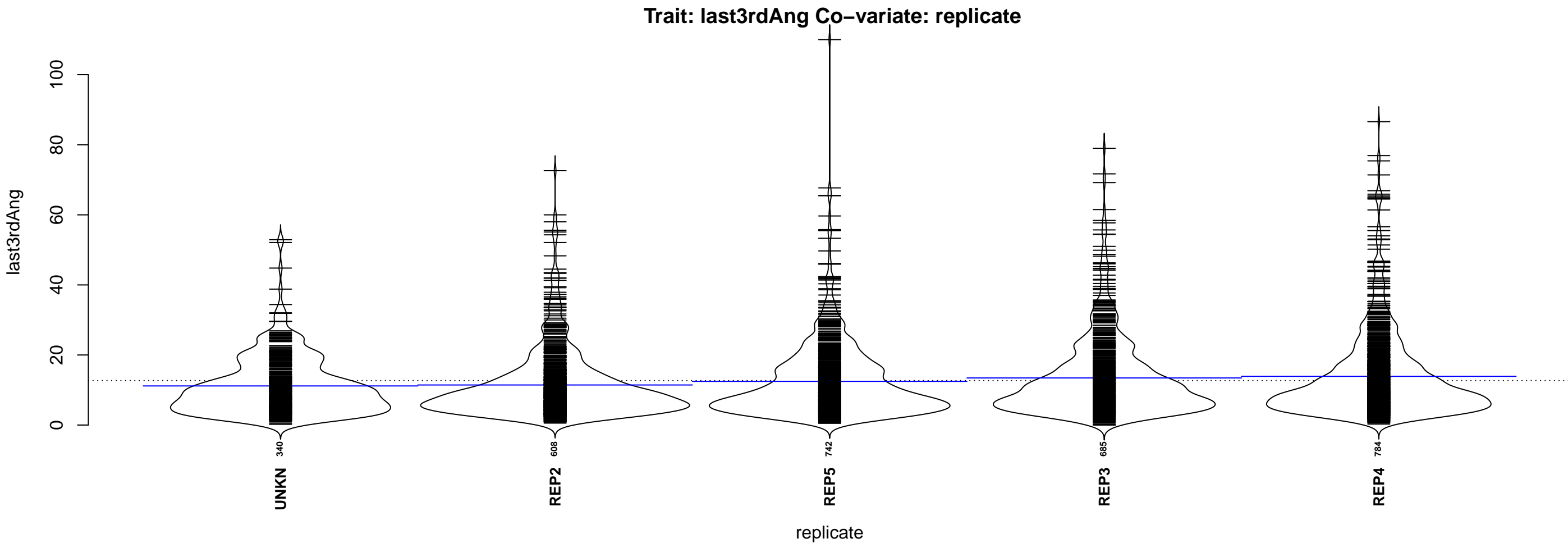




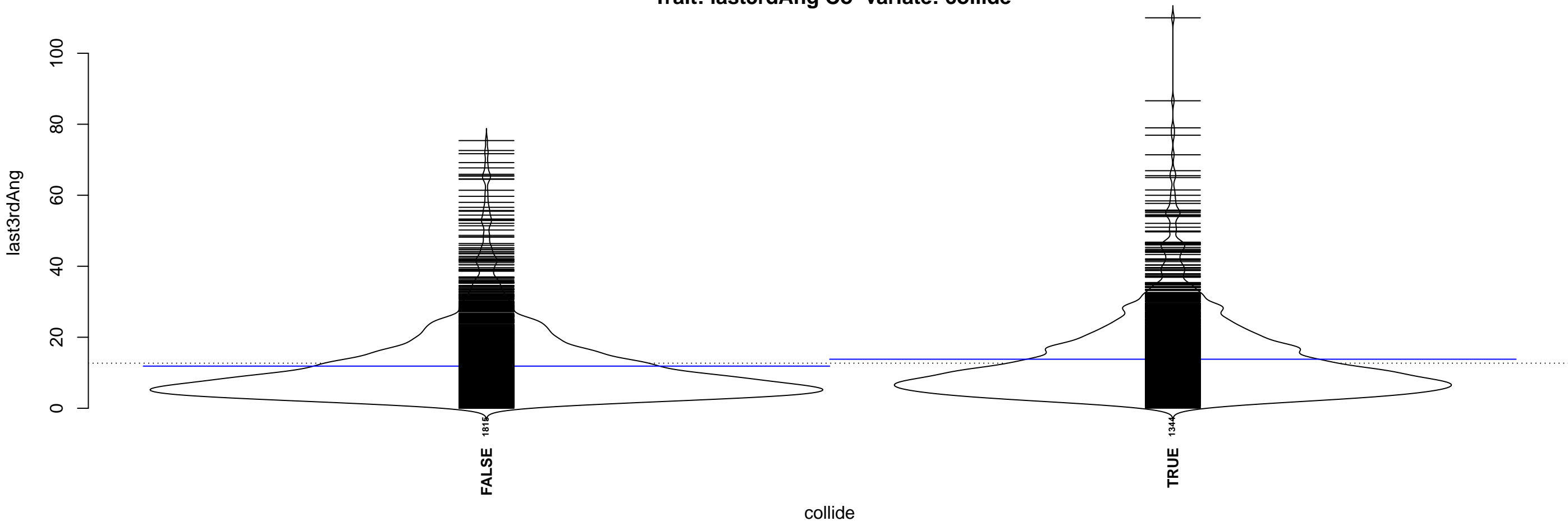




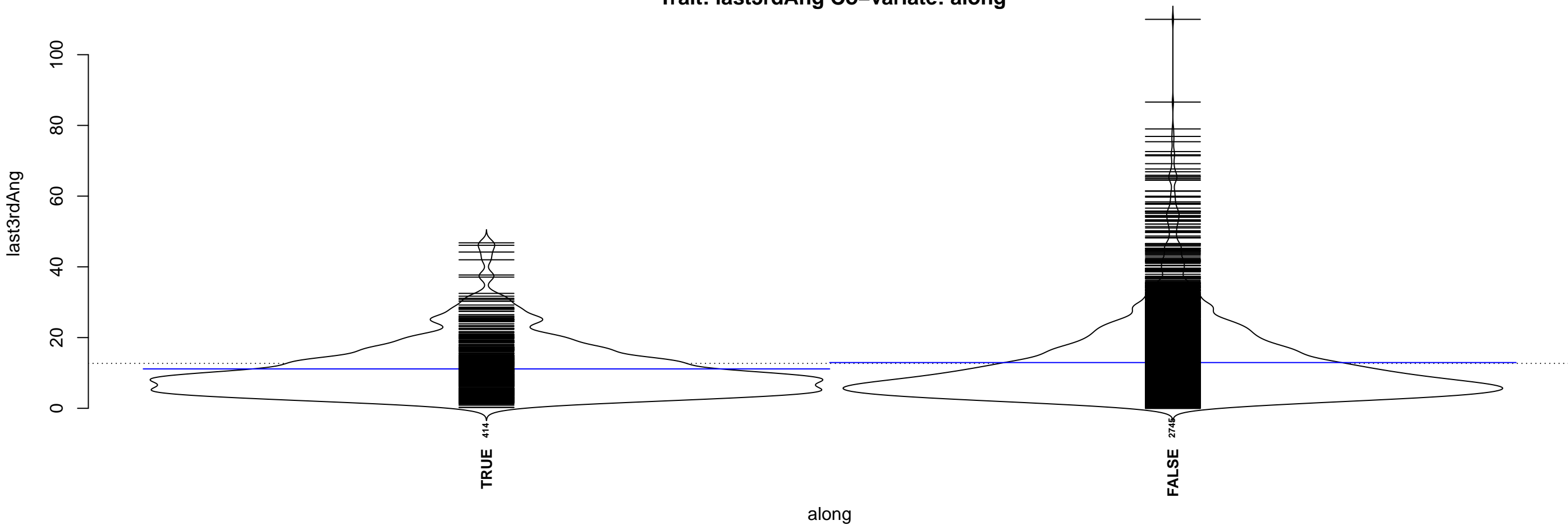




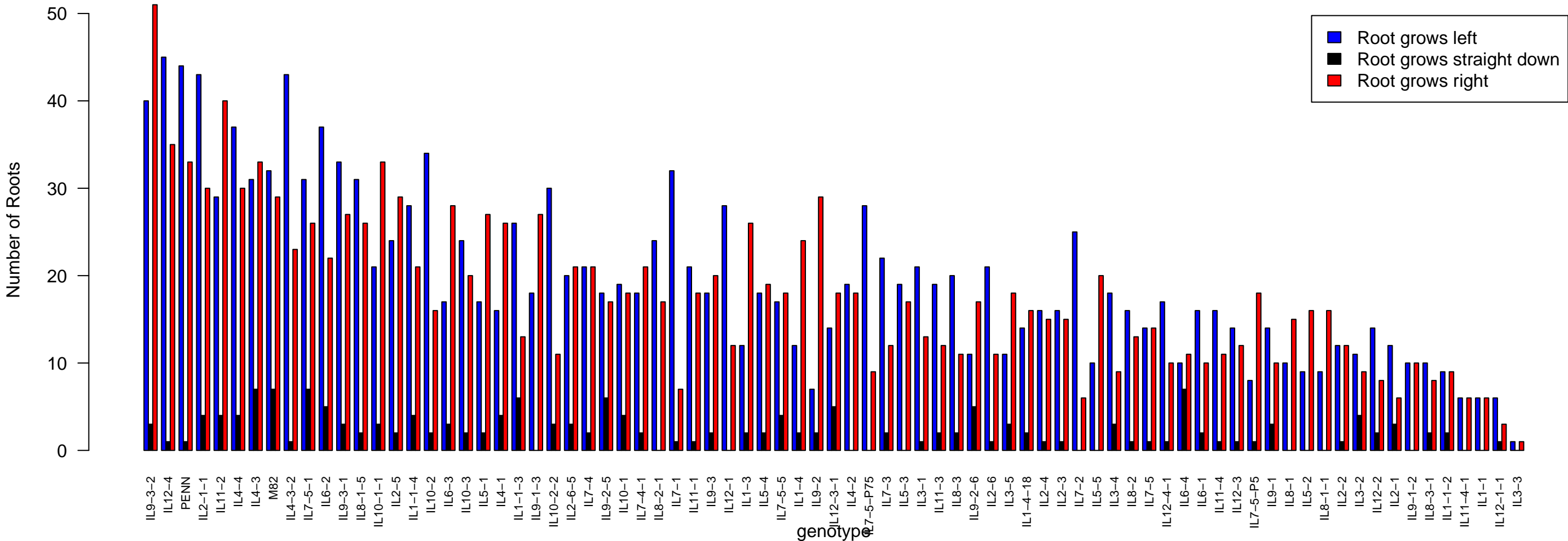
Trait: last3rdAng Co-variate: collide



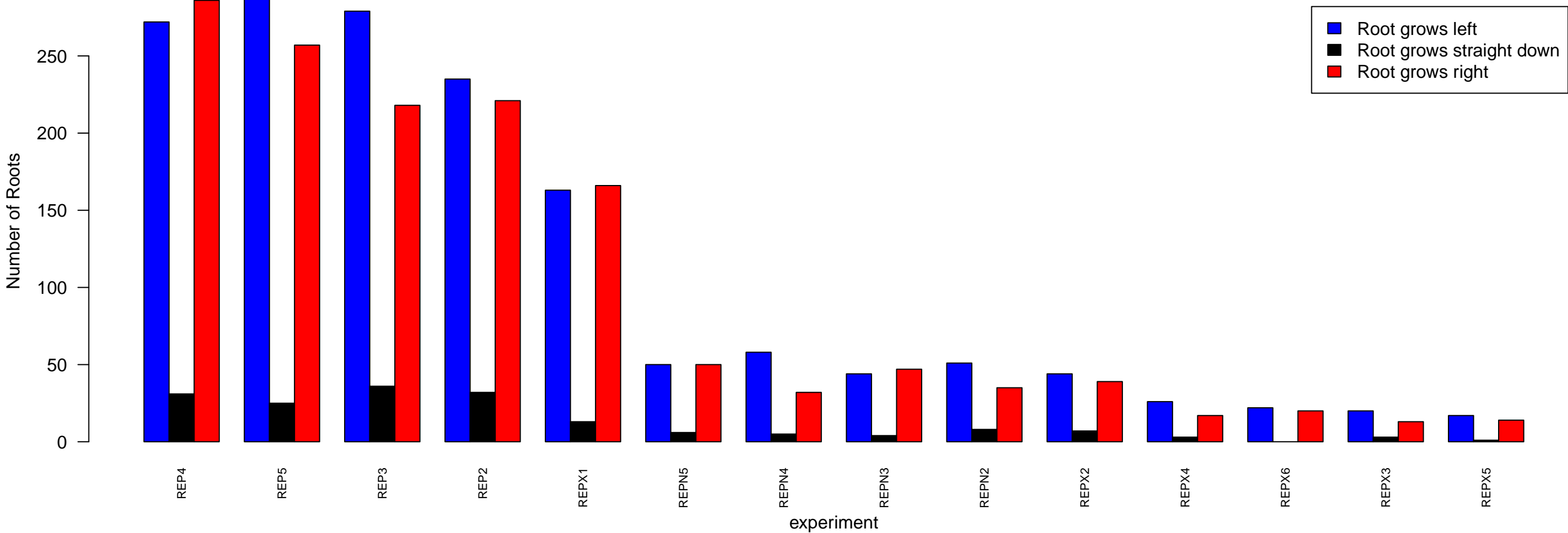
Trait: last3rdAng Co-variate: along



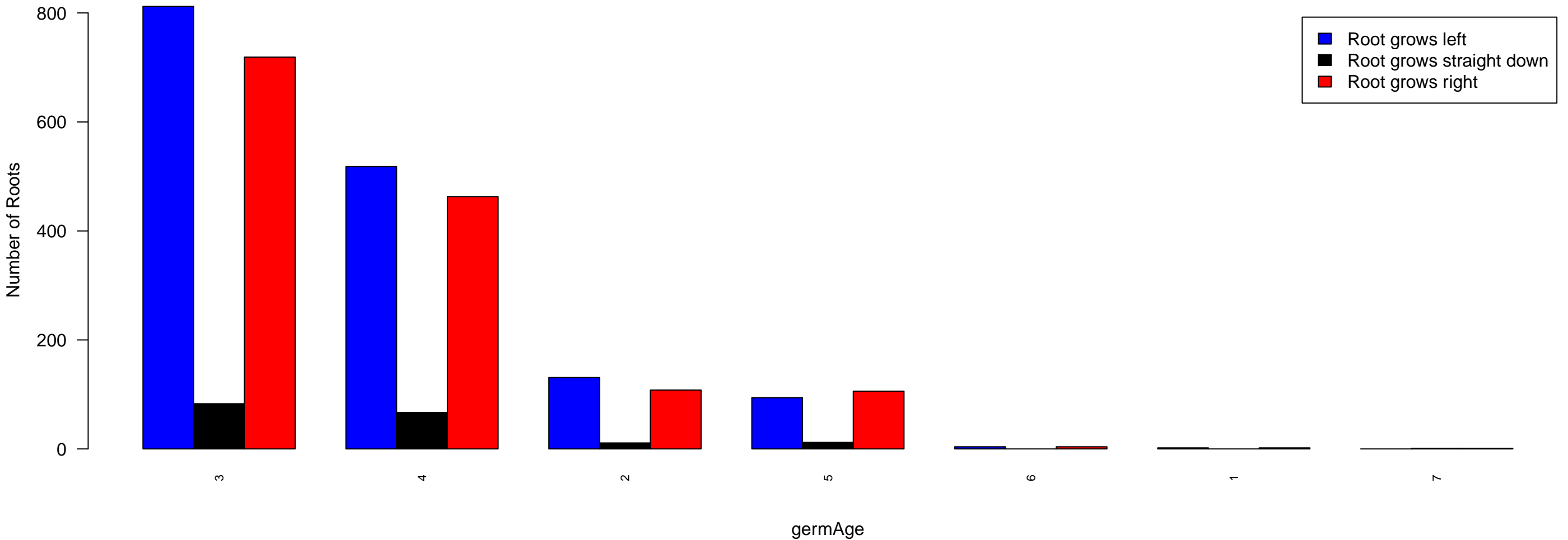
Trait: tipAngSign Co-variate: genotype



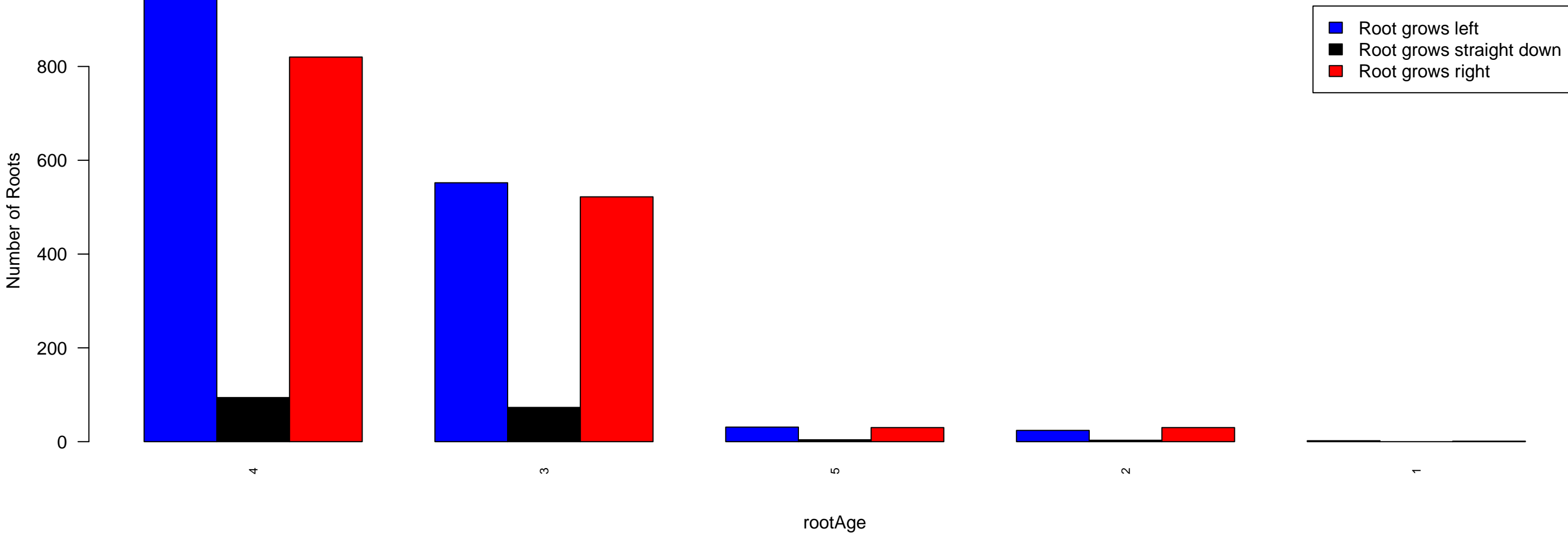
Trait: tipAngSign Co-variate: experiment



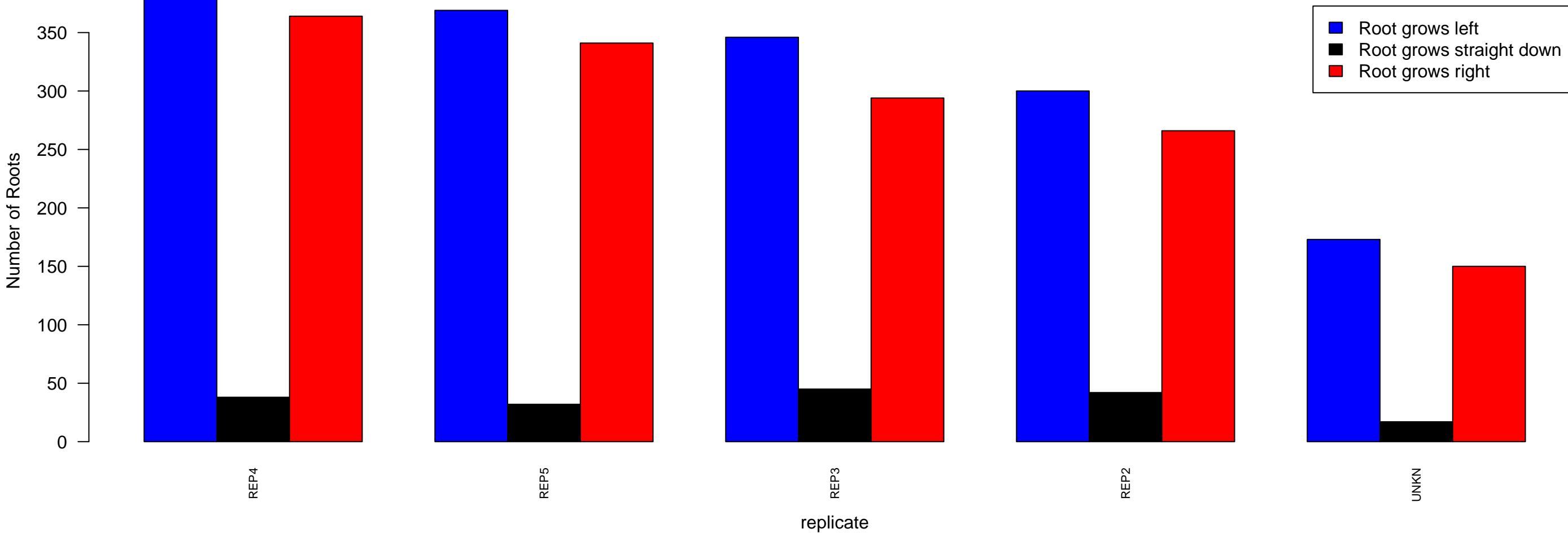
Trait: tipAngSign Co-variate: germAge



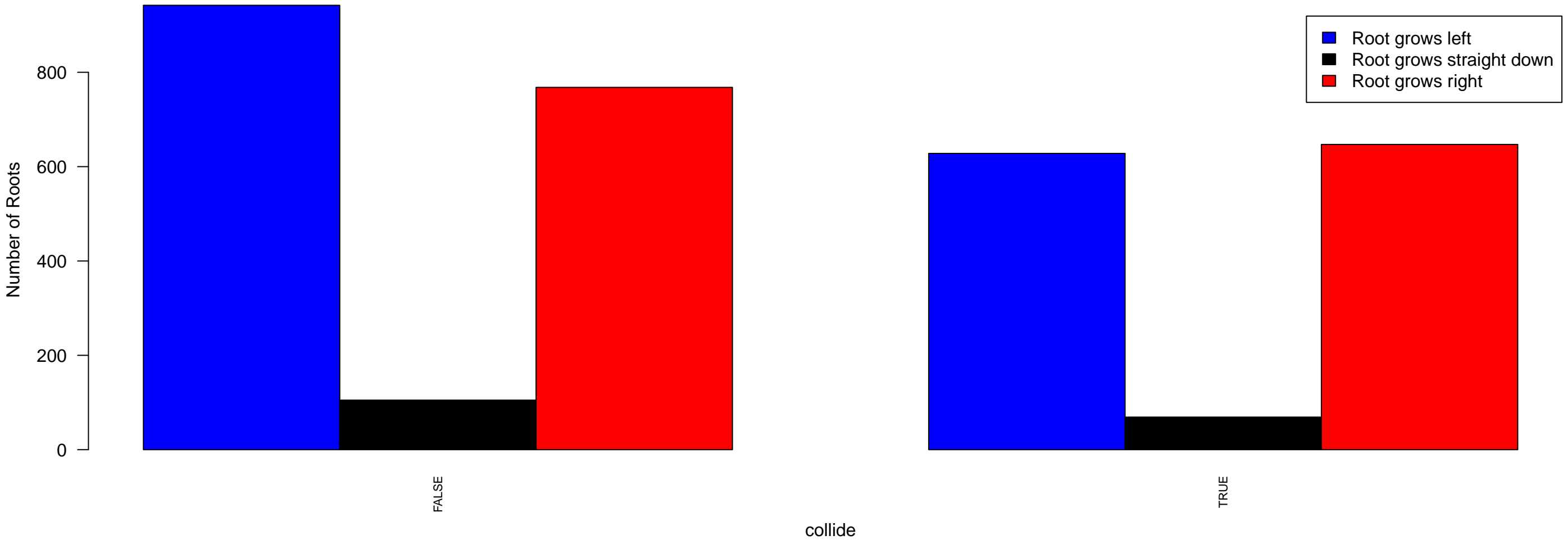
Trait: tipAngSign Co-variate: rootAge



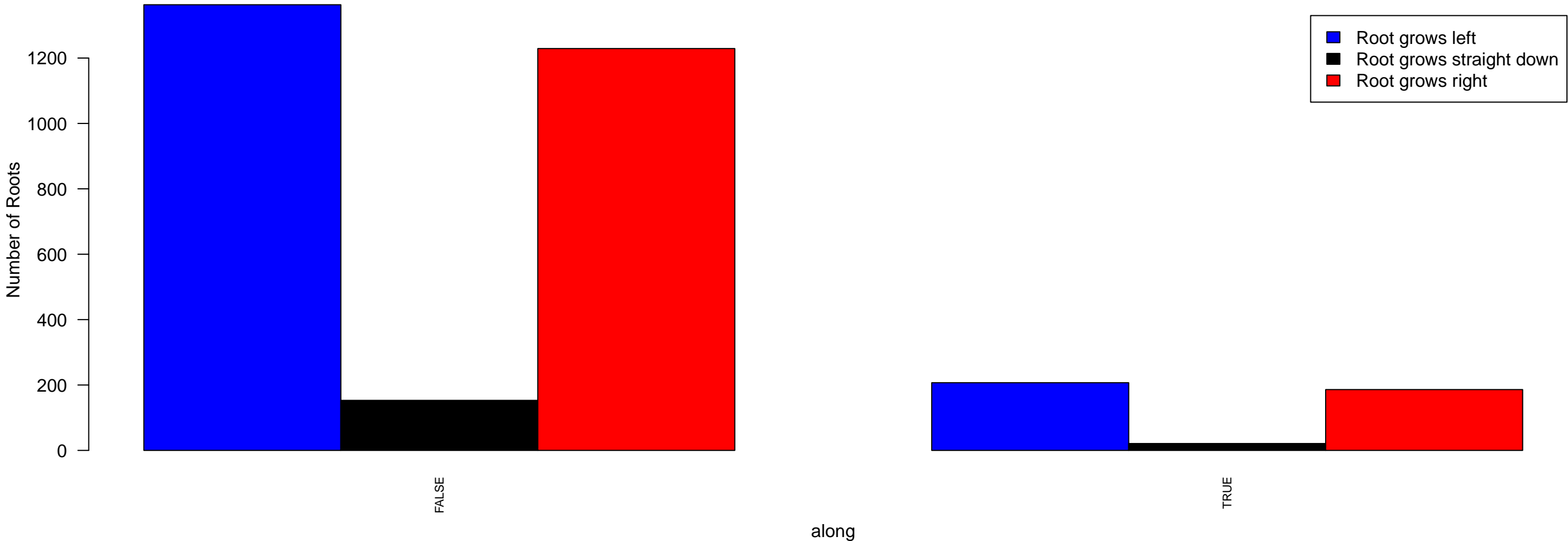
Trait: tipAngSign Co-variate: replicate



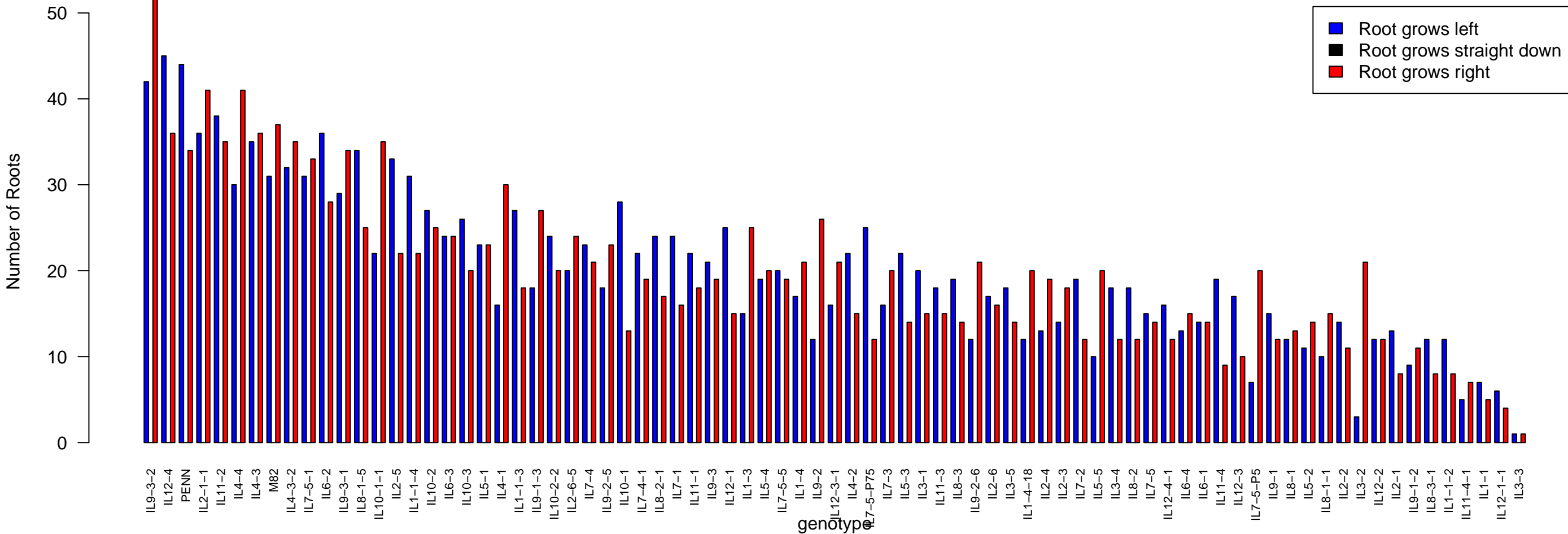
Trait: tipAngSign Co-variate: collide



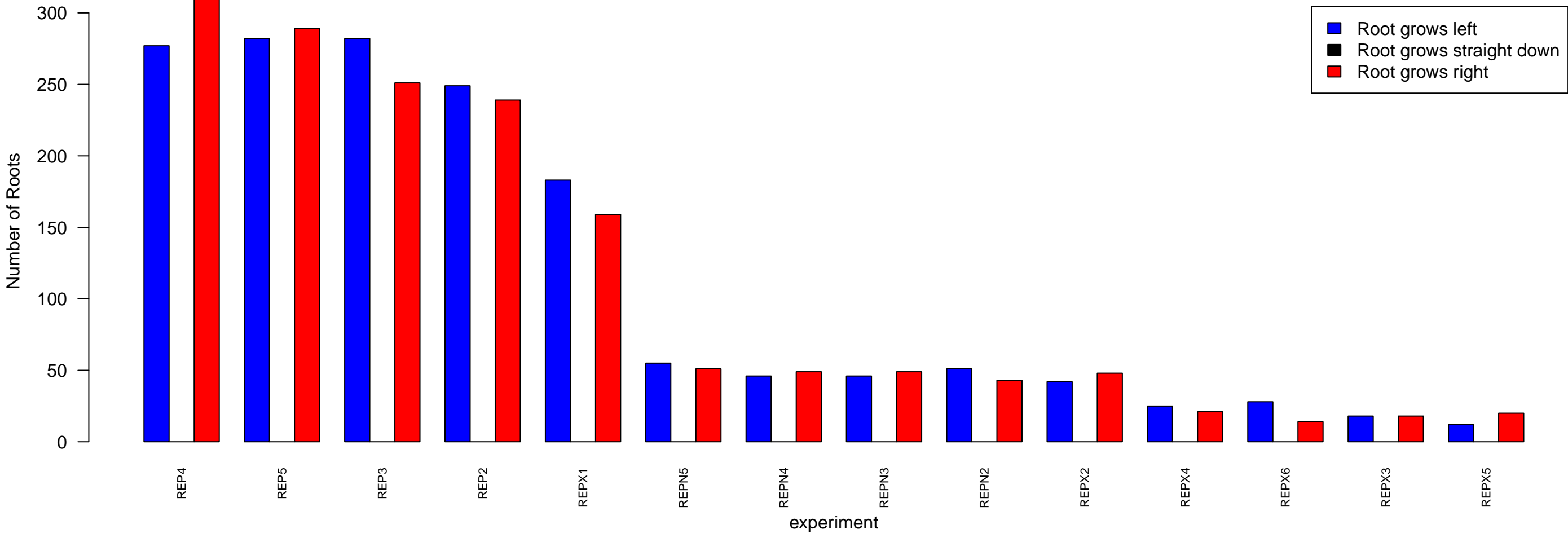
Trait: tipAngSign Co-variate: along



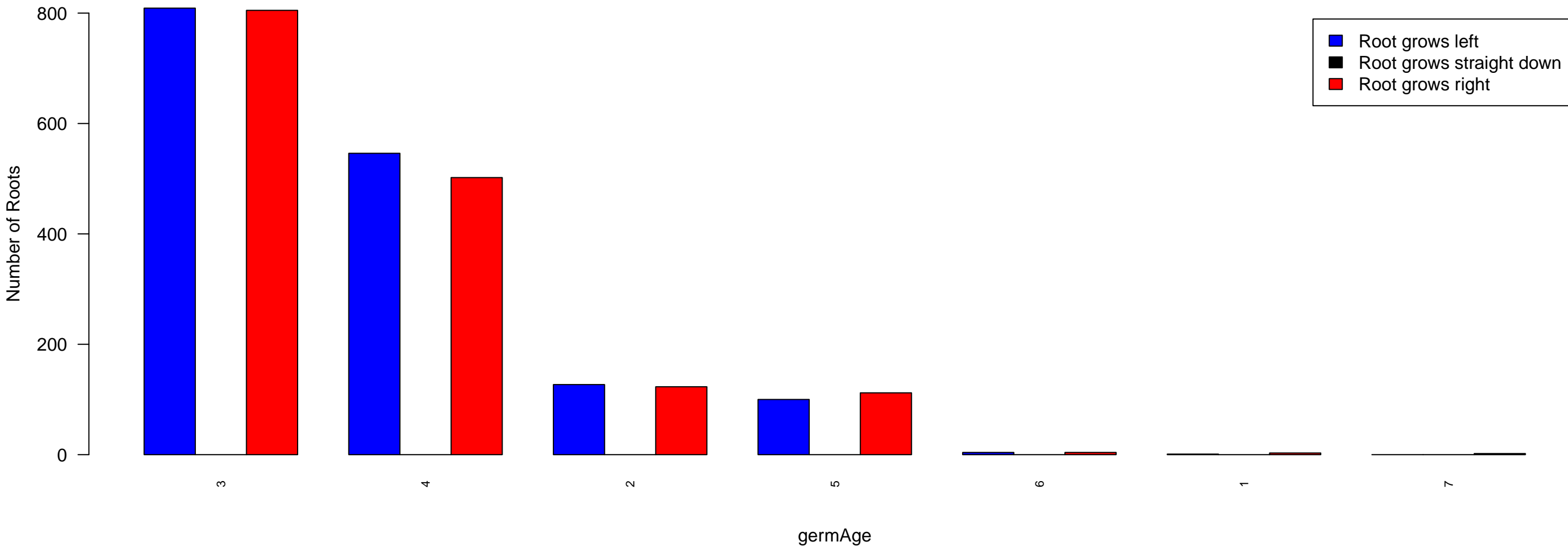
Trait: avgAngSign Co-variate: genotype



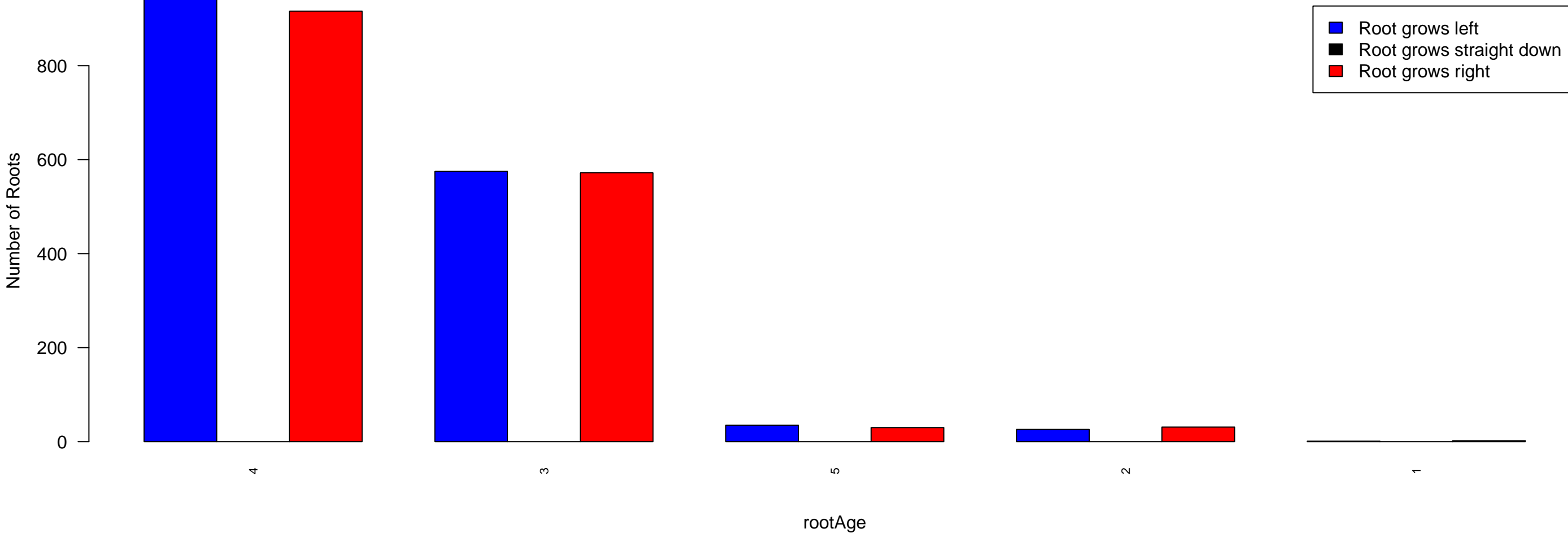
Trait: avgAngSign Co-variate: experiment



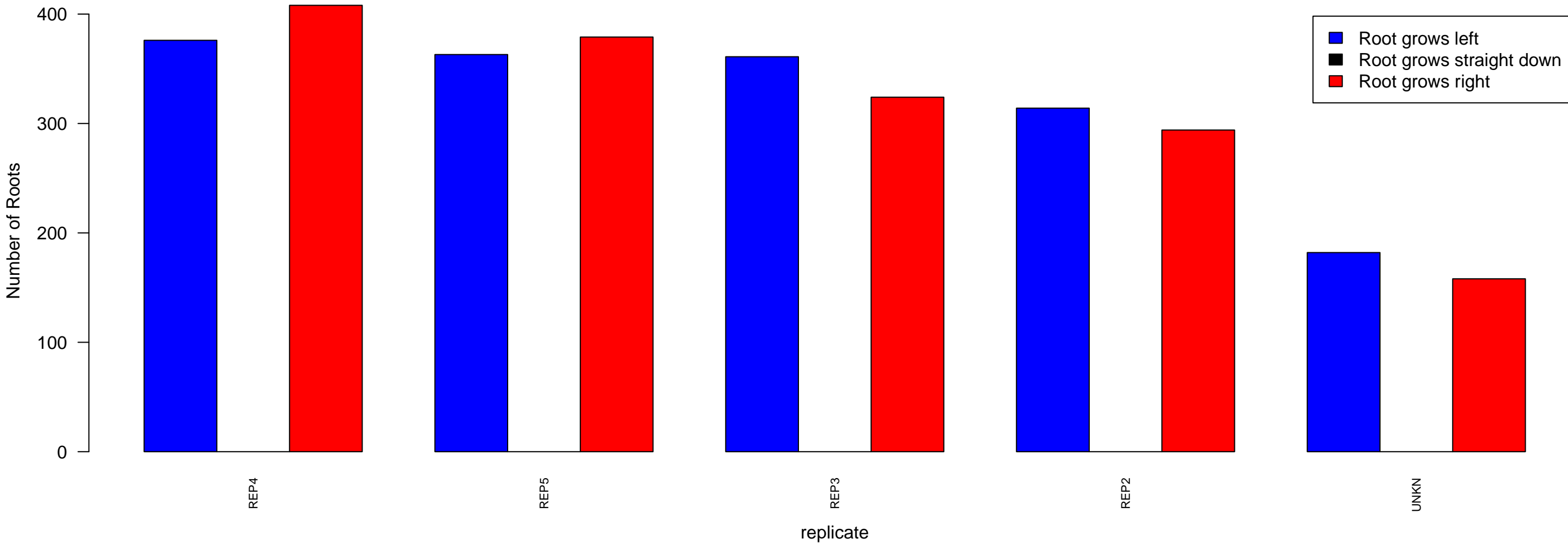
Trait: avgAngSign Co-variate: germAge



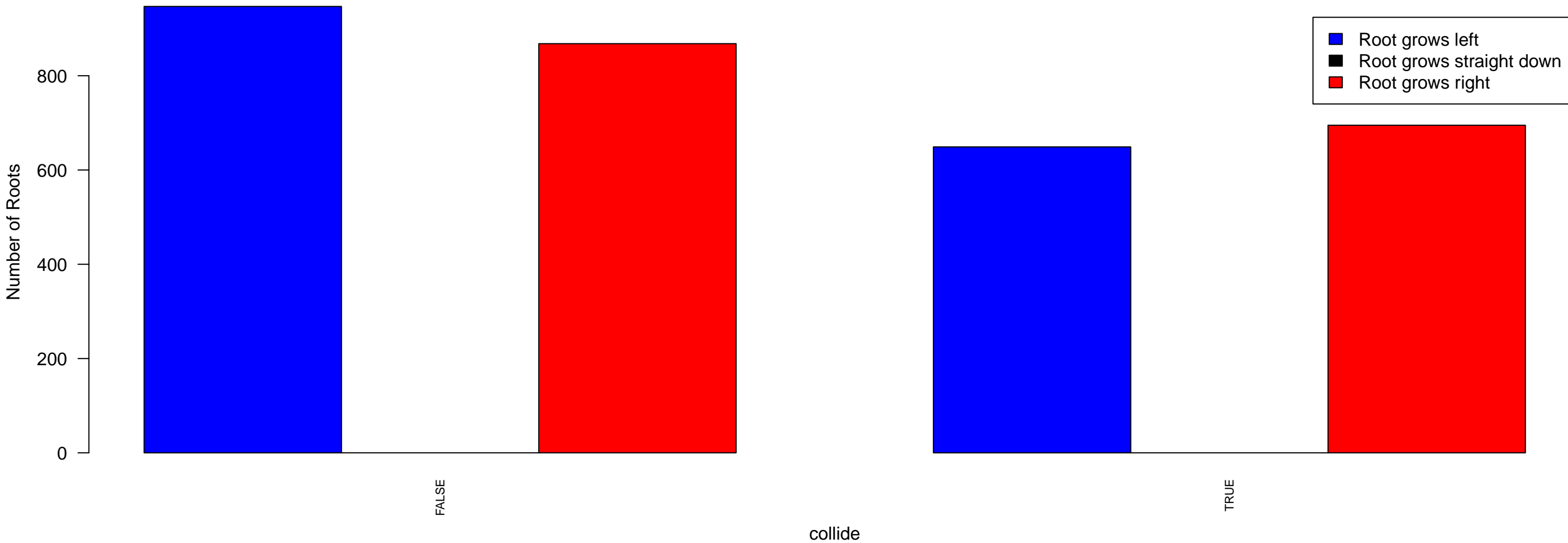
Trait: avgAngSign Co-variate: rootAge



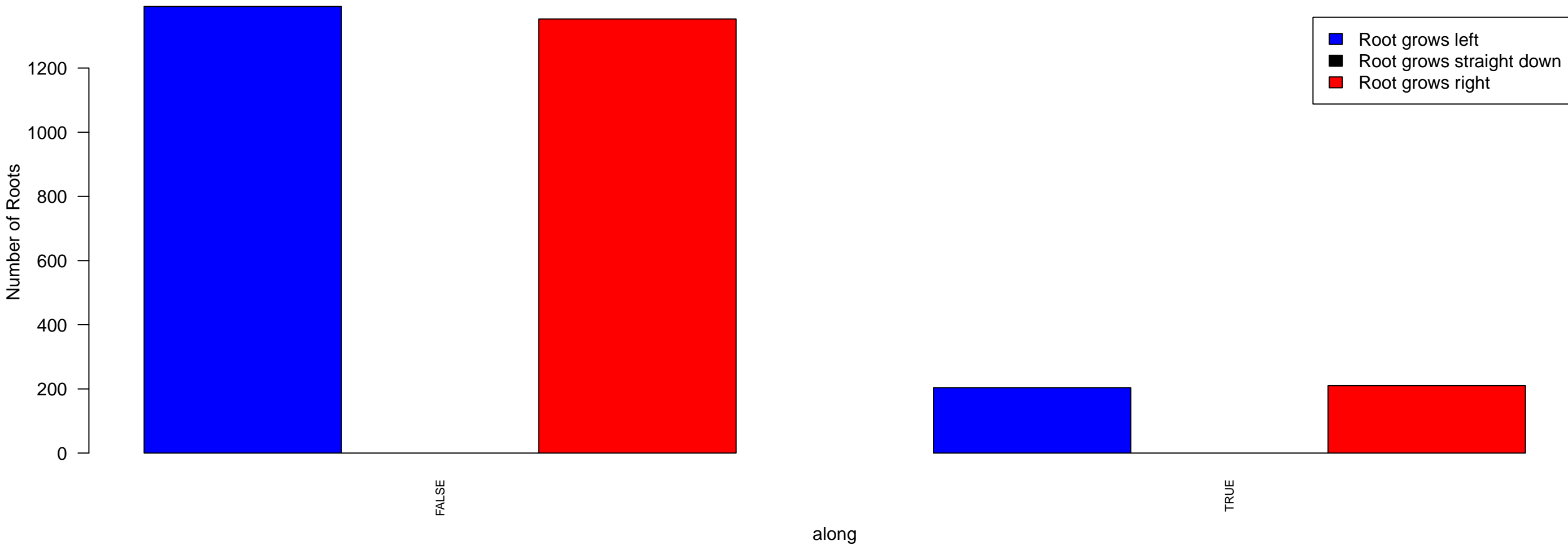
Trait: avgAngSign Co-variate: replicate



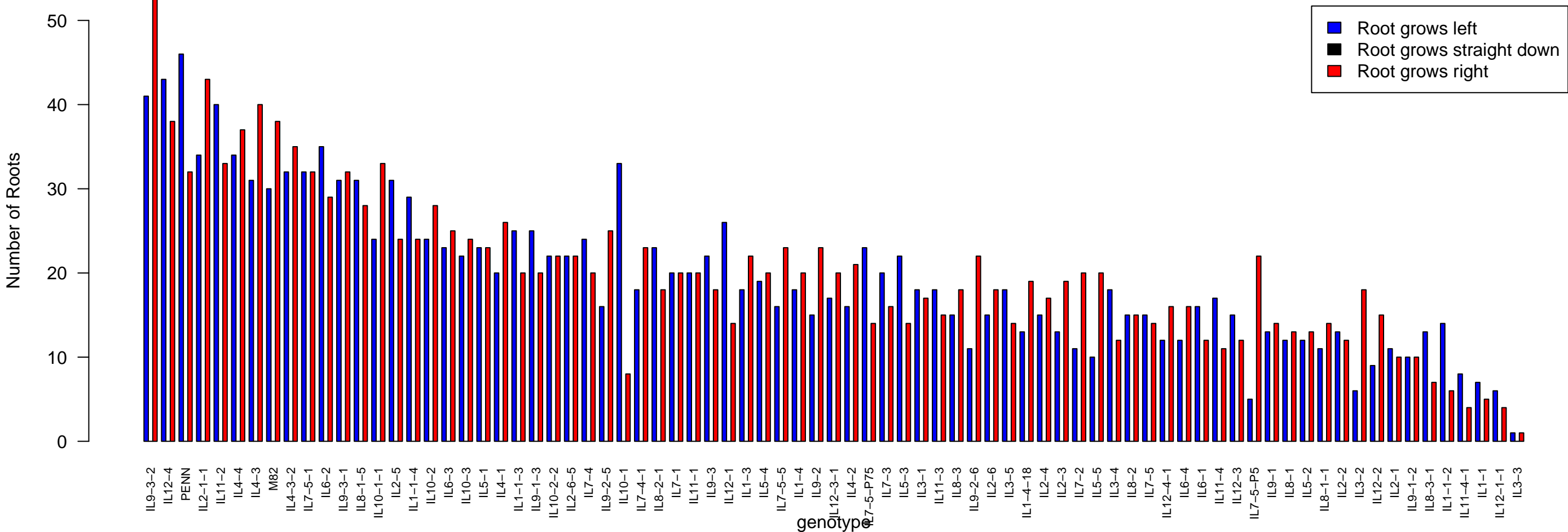
Trait: avgAngSign Co-variate: collide



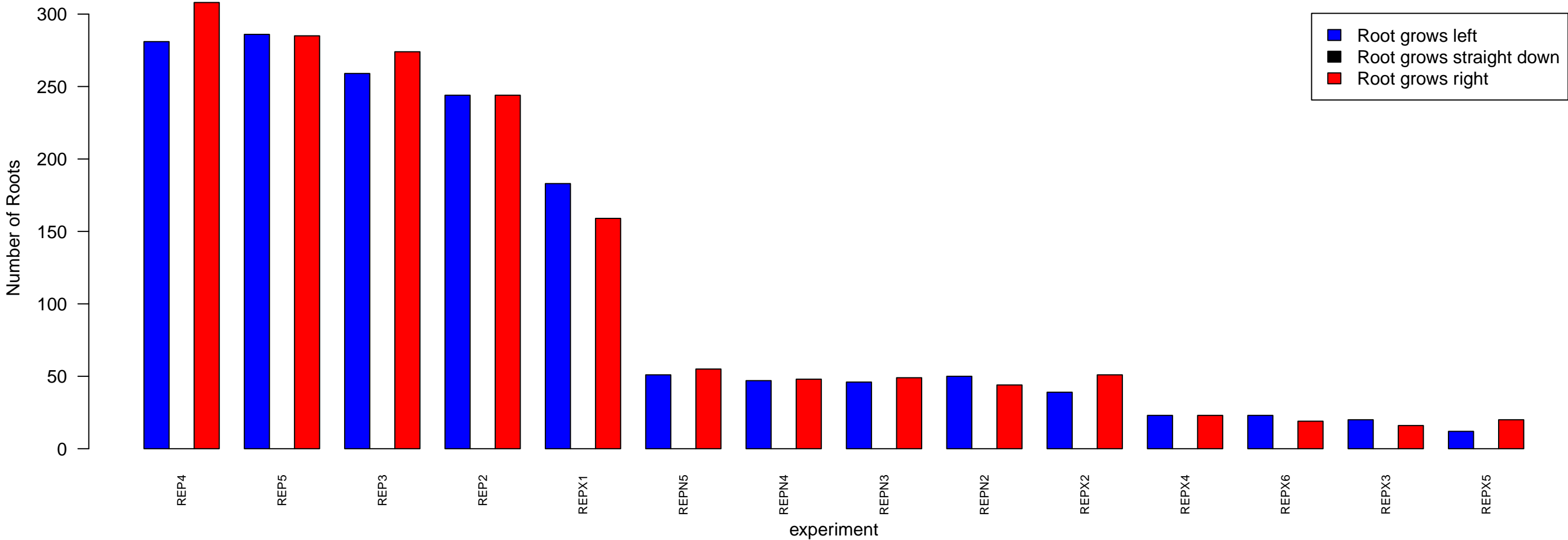
Trait: avgAngSign Co-variate: along



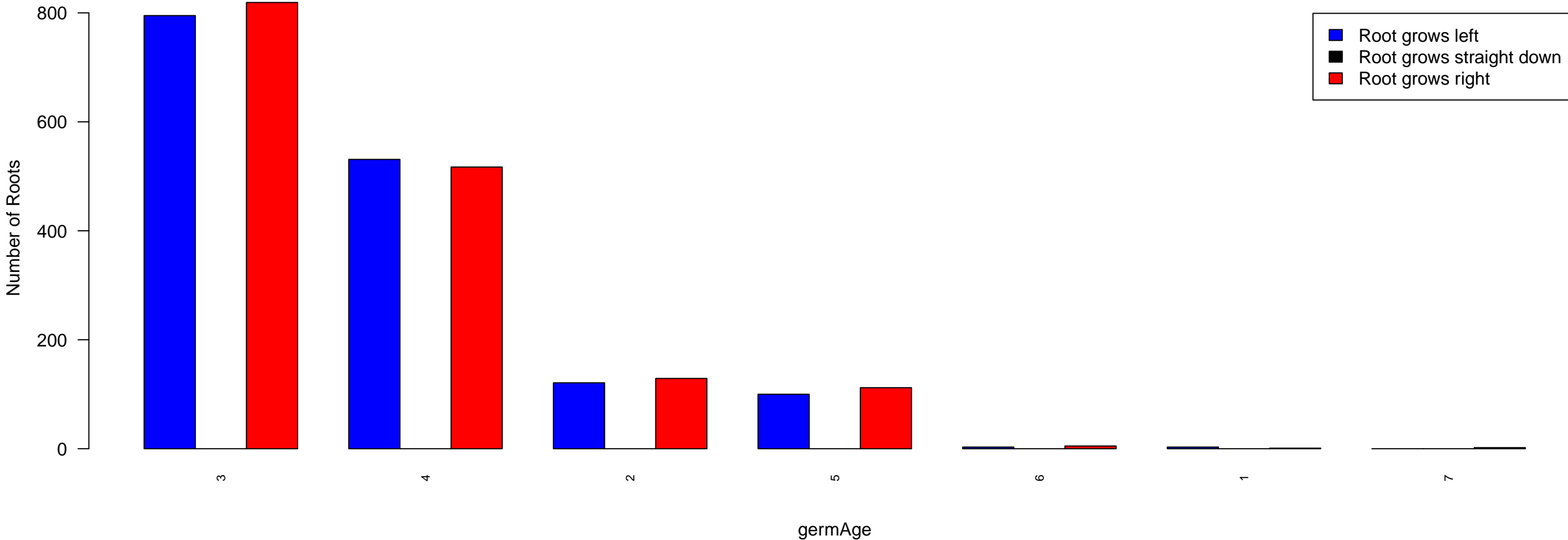
Trait: first3rdAngSign Co-variate: genotype



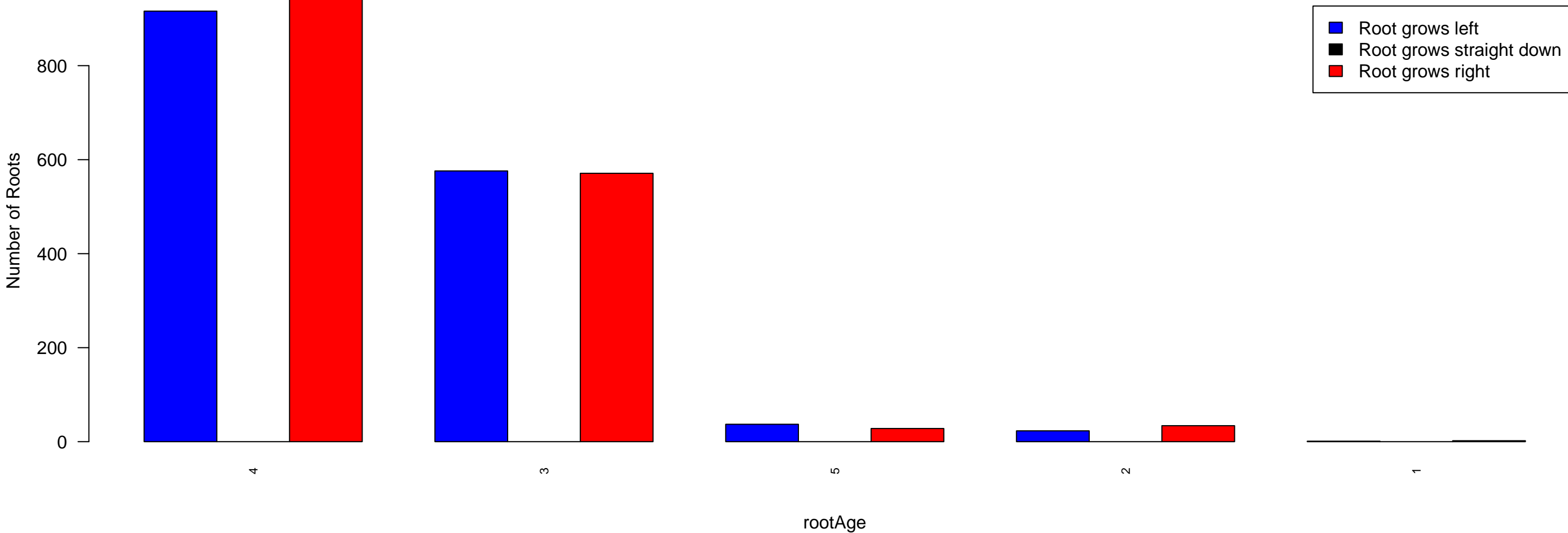
Trait: first3rdAngSign Co-variate: experiment



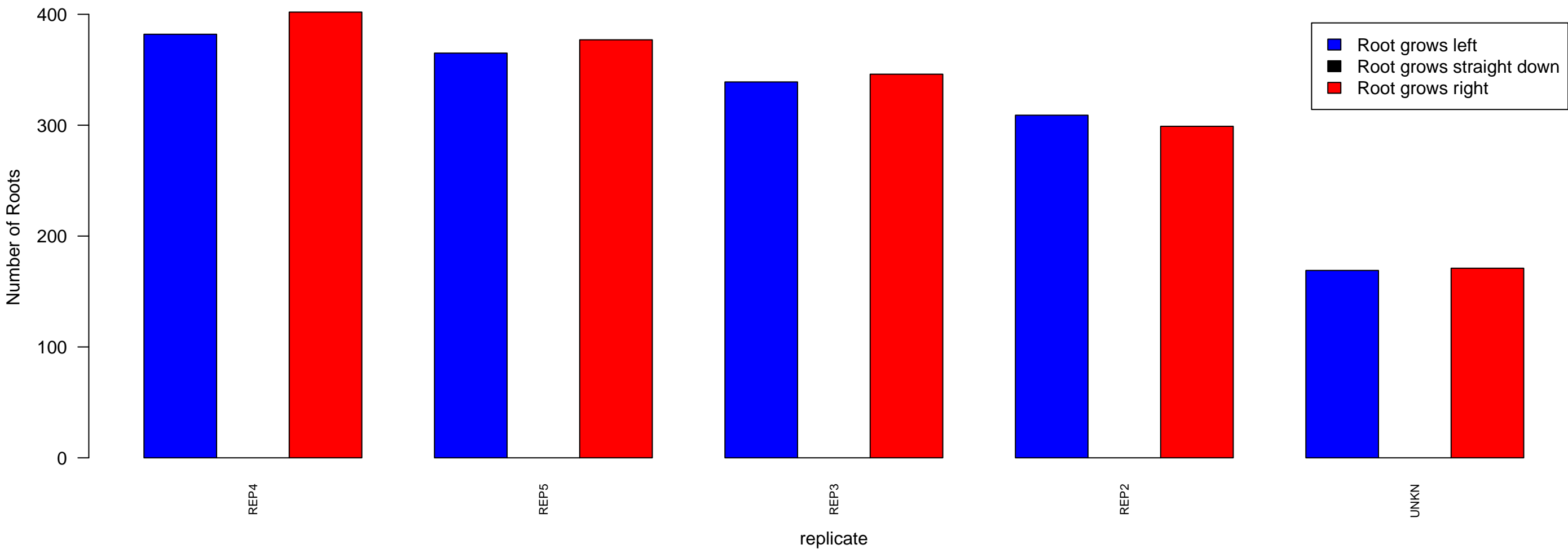
Trait: first3rdAngSign Co-variate: germAge



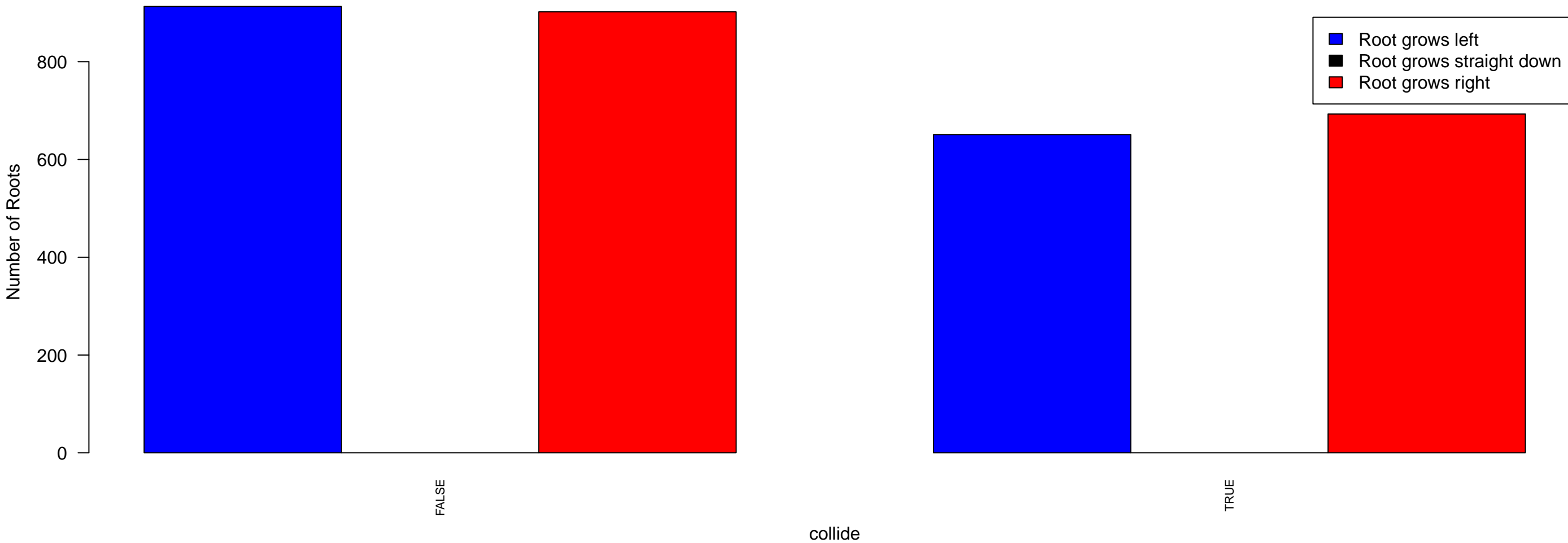
Trait: first3rdAngSign Co-variate: rootAge



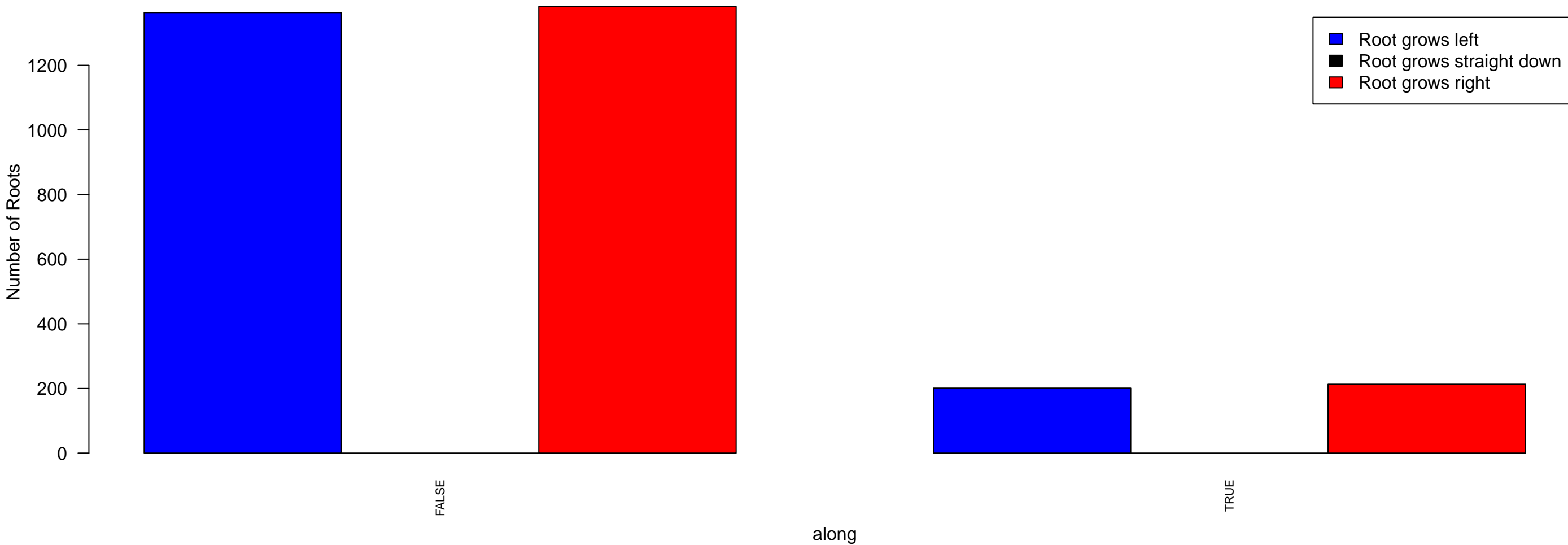
Trait: first3rdAngSign Co-variate: replicate



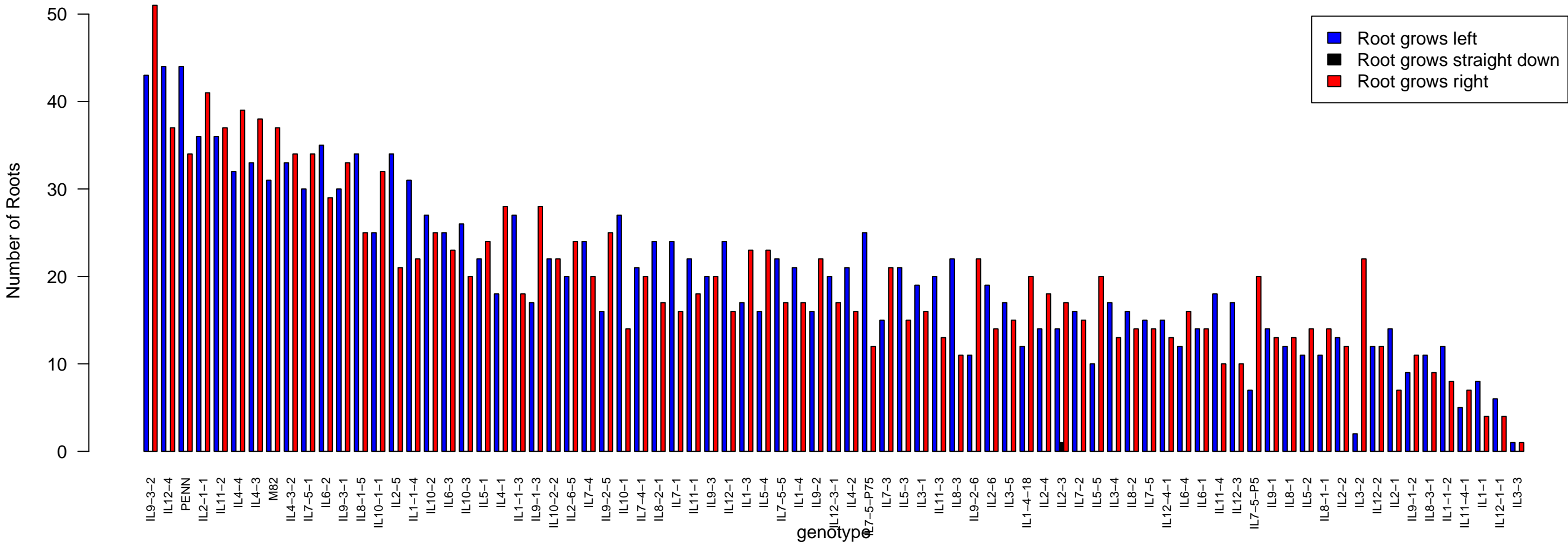
Trait: first3rdAngSign Co-variate: collide



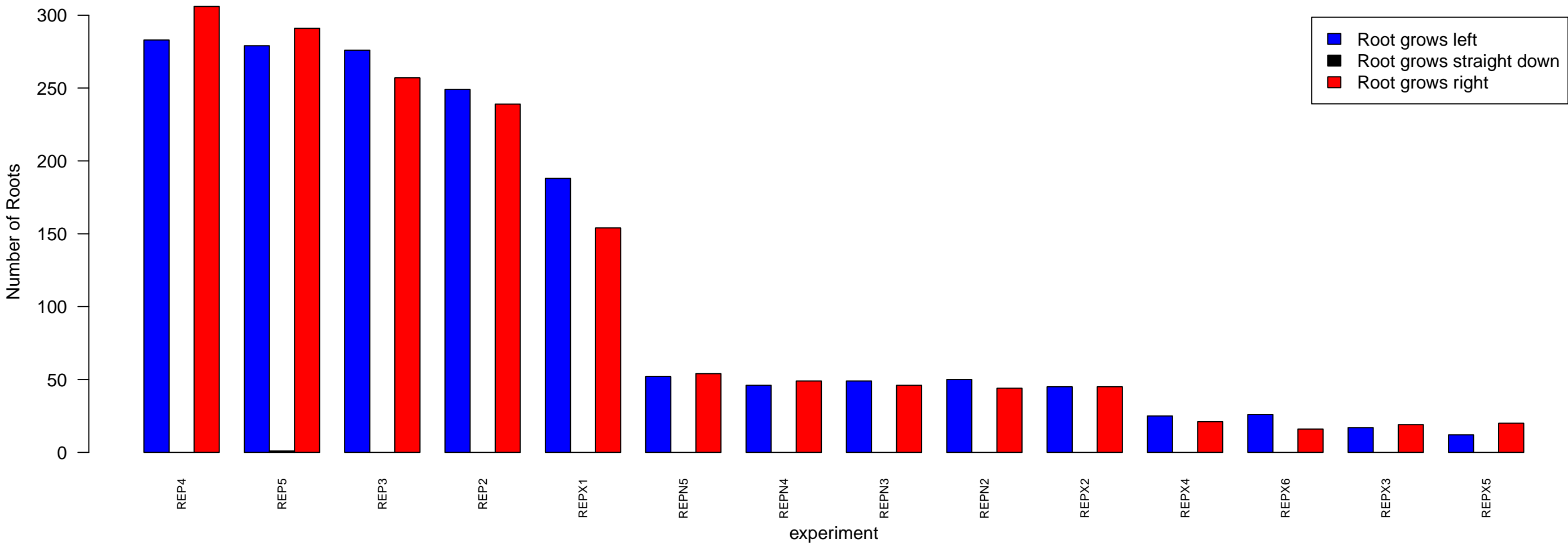
Trait: first3rdAngSign Co-variate: along



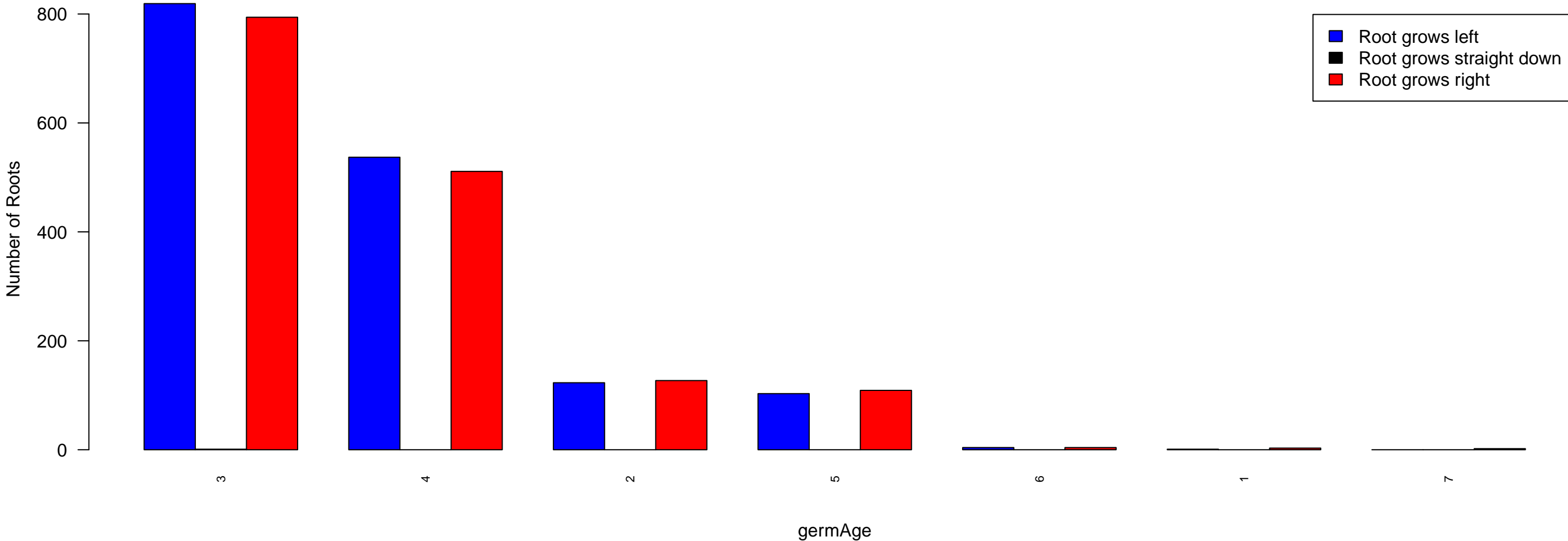
Trait: mid3rdAngSign Co-variate: genotype



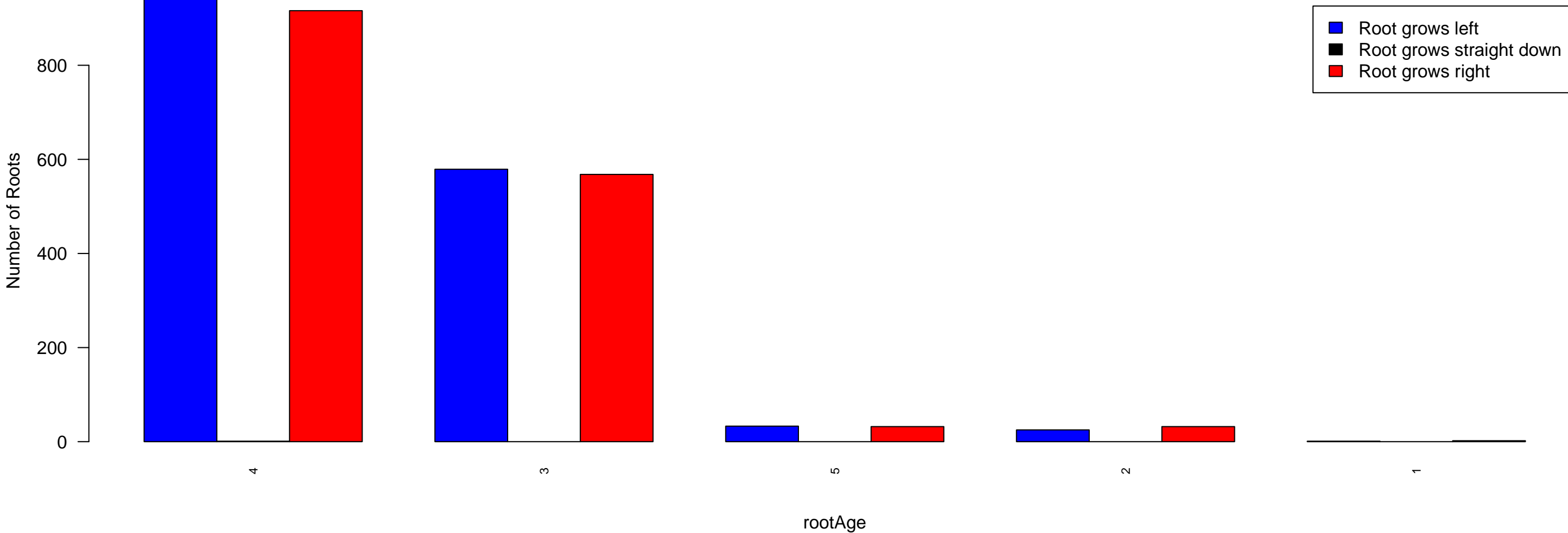
Trait: mid3rdAngSign Co-variate: experiment



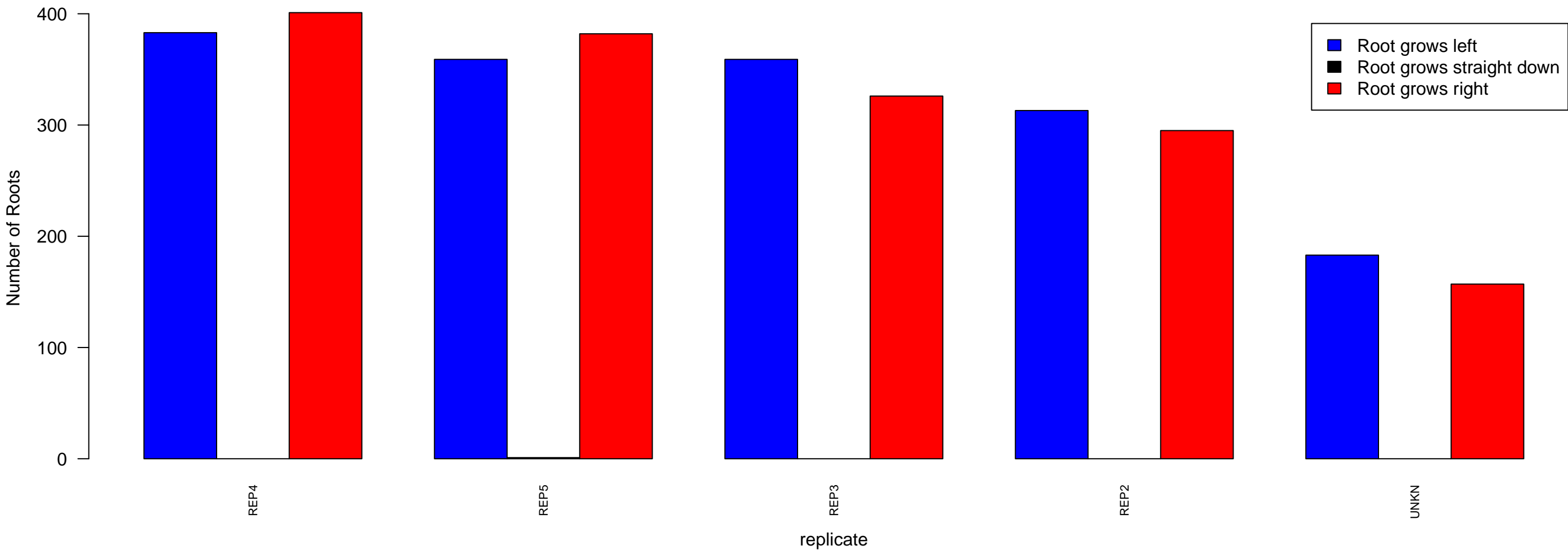
Trait: mid3rdAngSign Co-variate: germAge



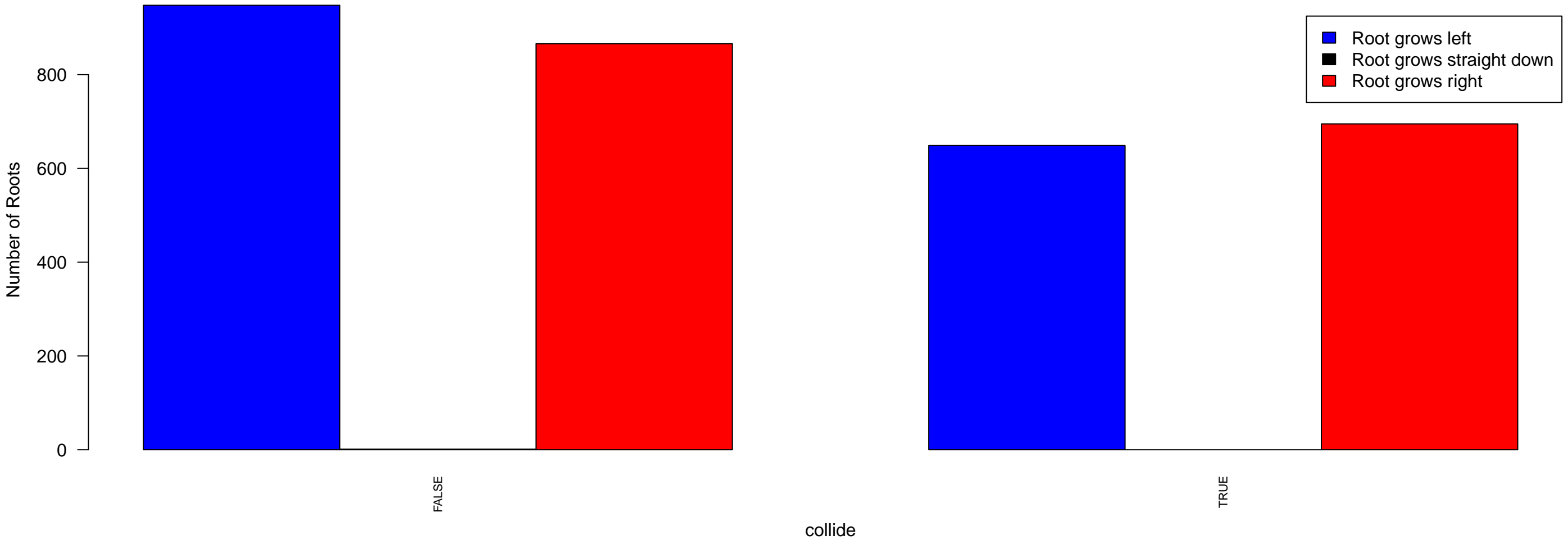
Trait: mid3rdAngSign Co-variate: rootAge



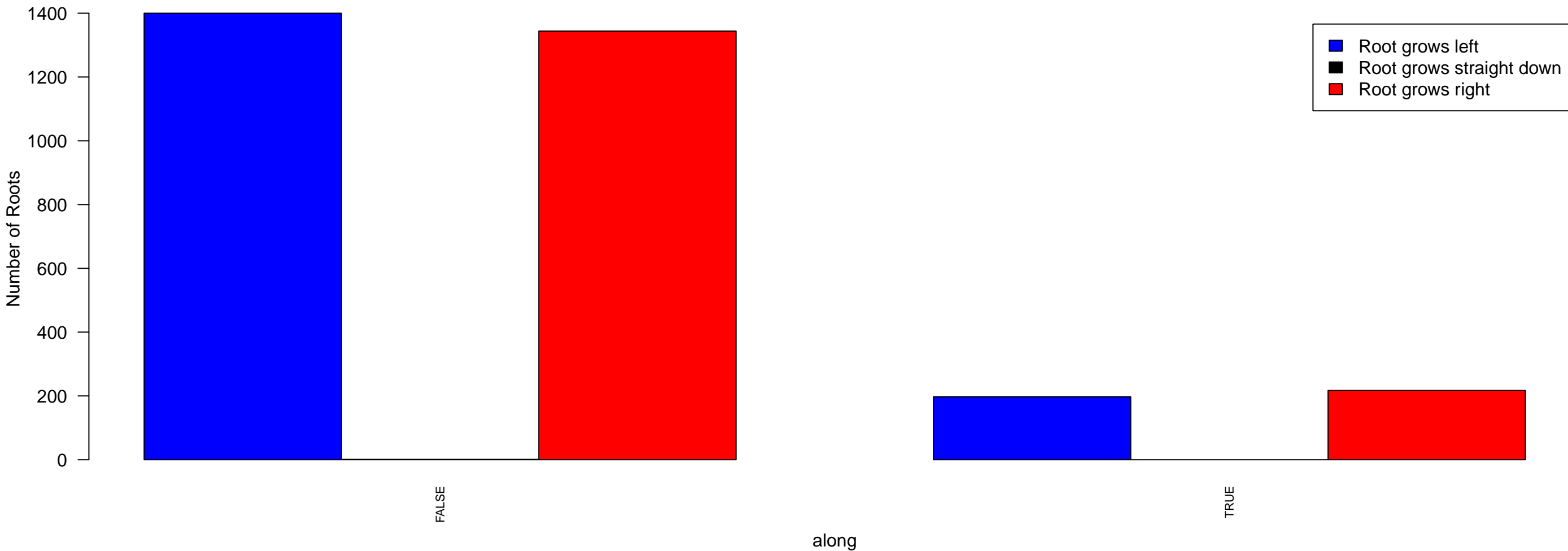
Trait: mid3rdAngSign Co-variate: replicate



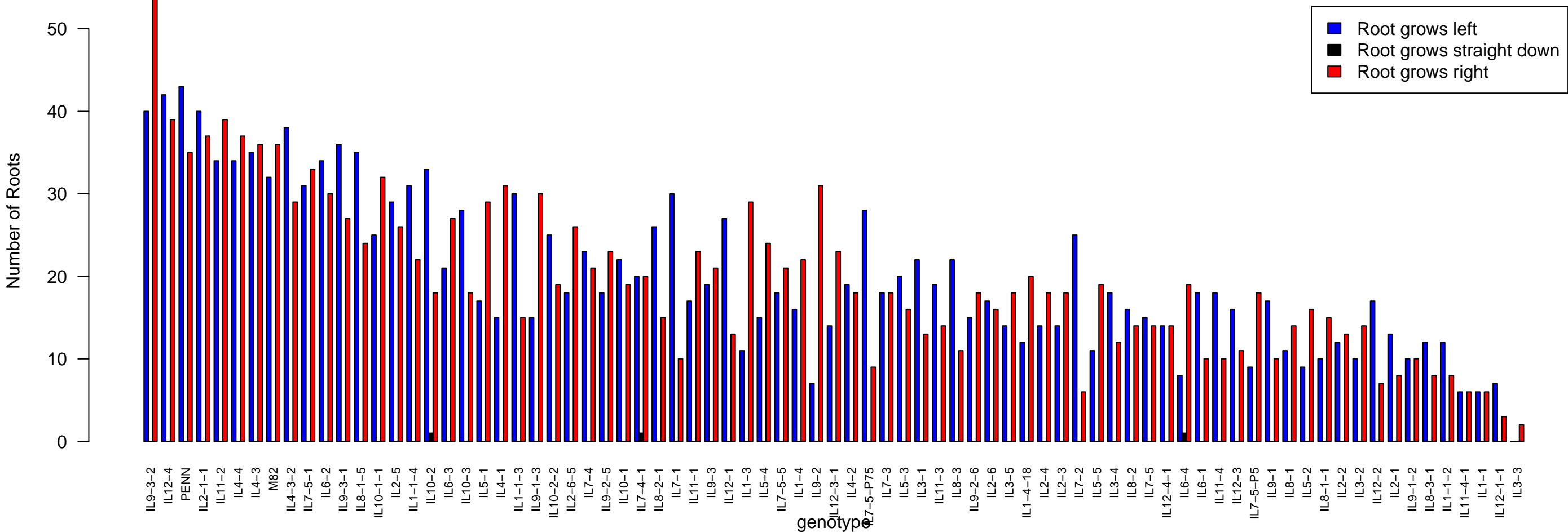
Trait: mid3rdAngSign Co-variate: collide



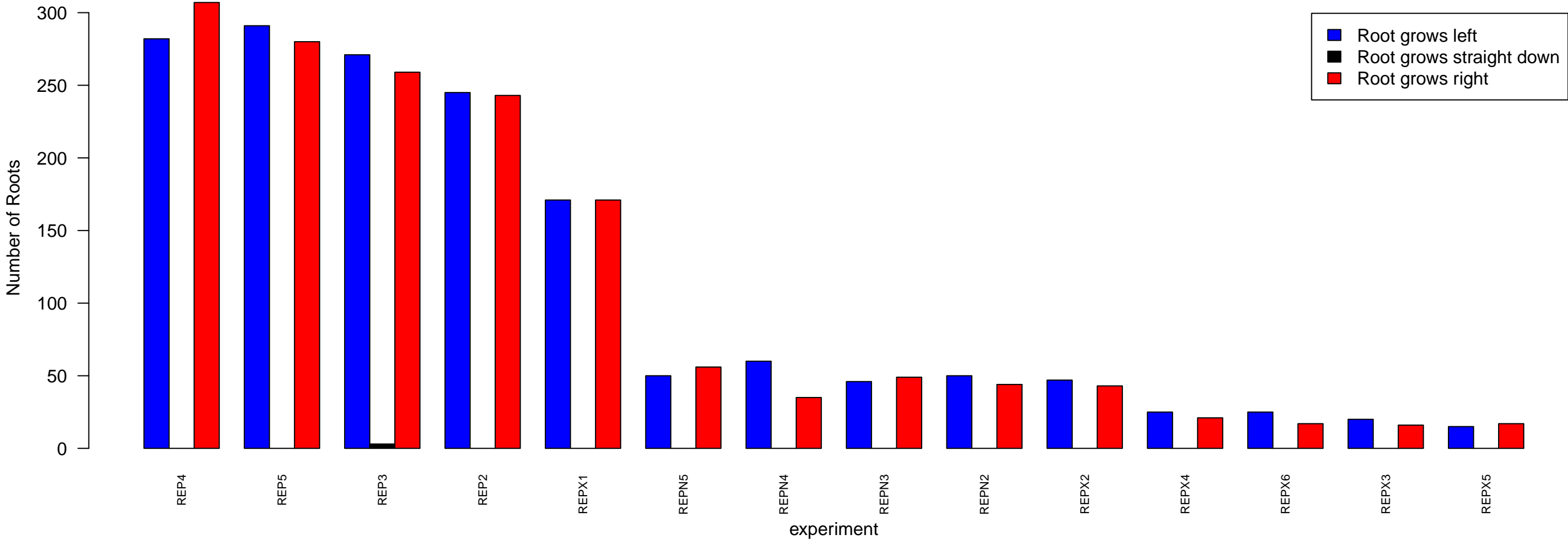
Trait: mid3rdAngSign Co-variate: along



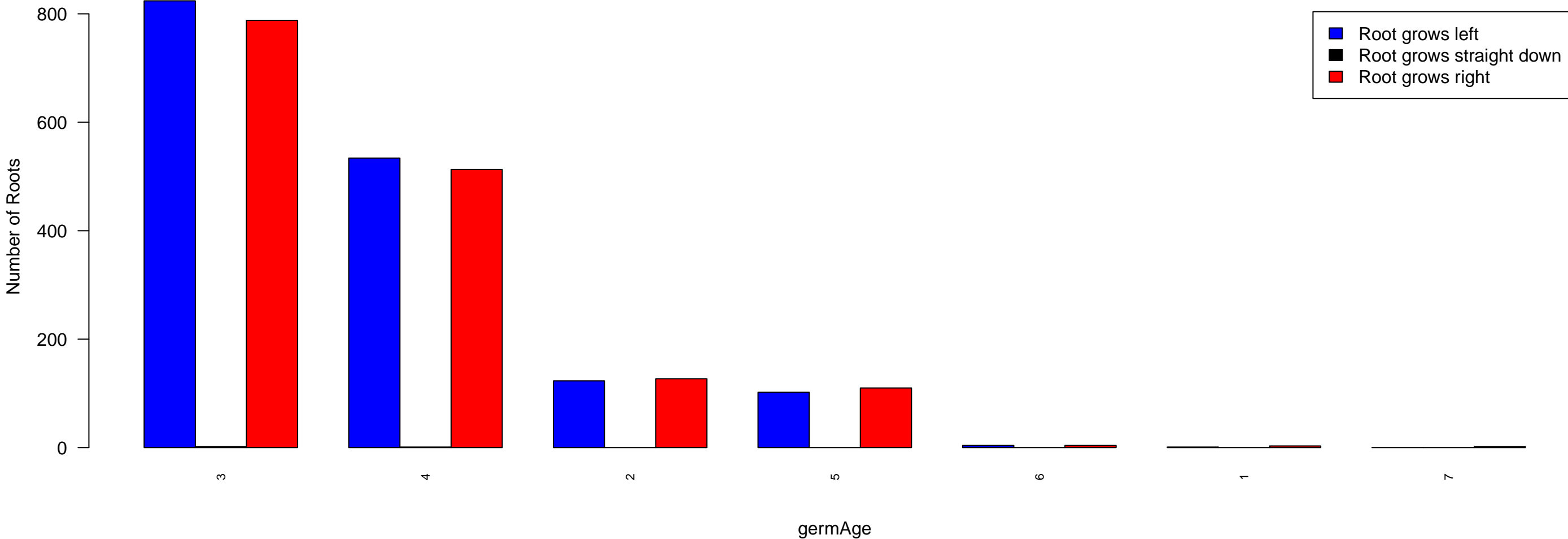
Trait: last3rdAngSign Co-variate: genotype



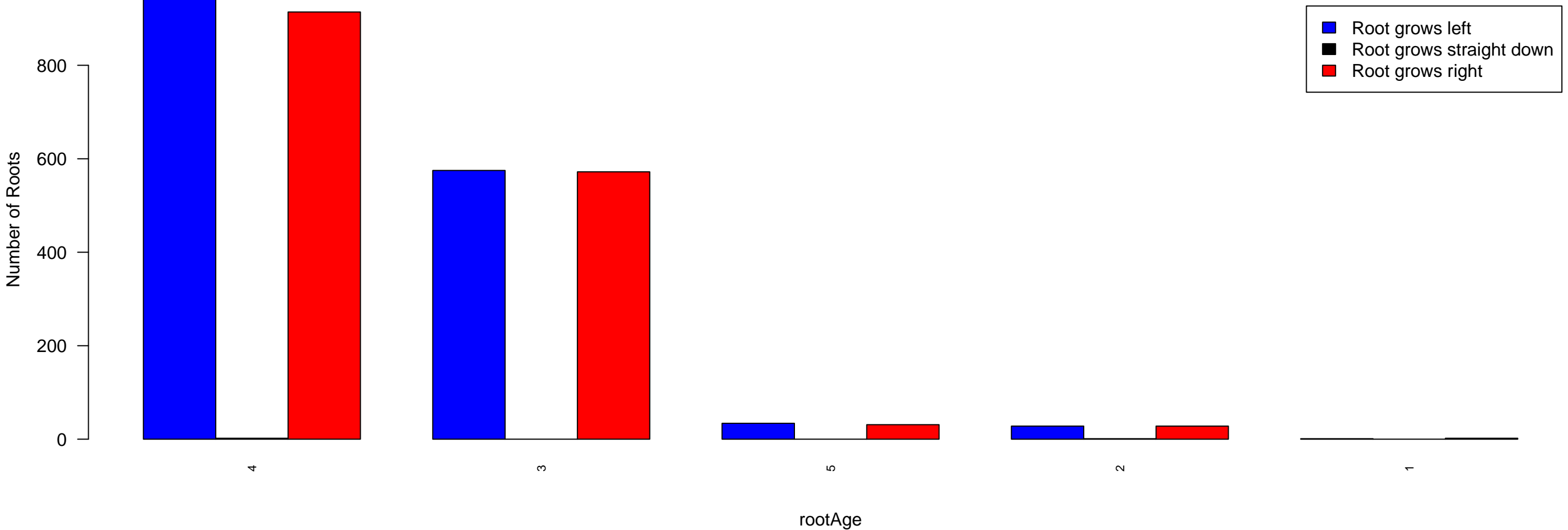
Trait: last3rdAngSign Co-variate: experiment



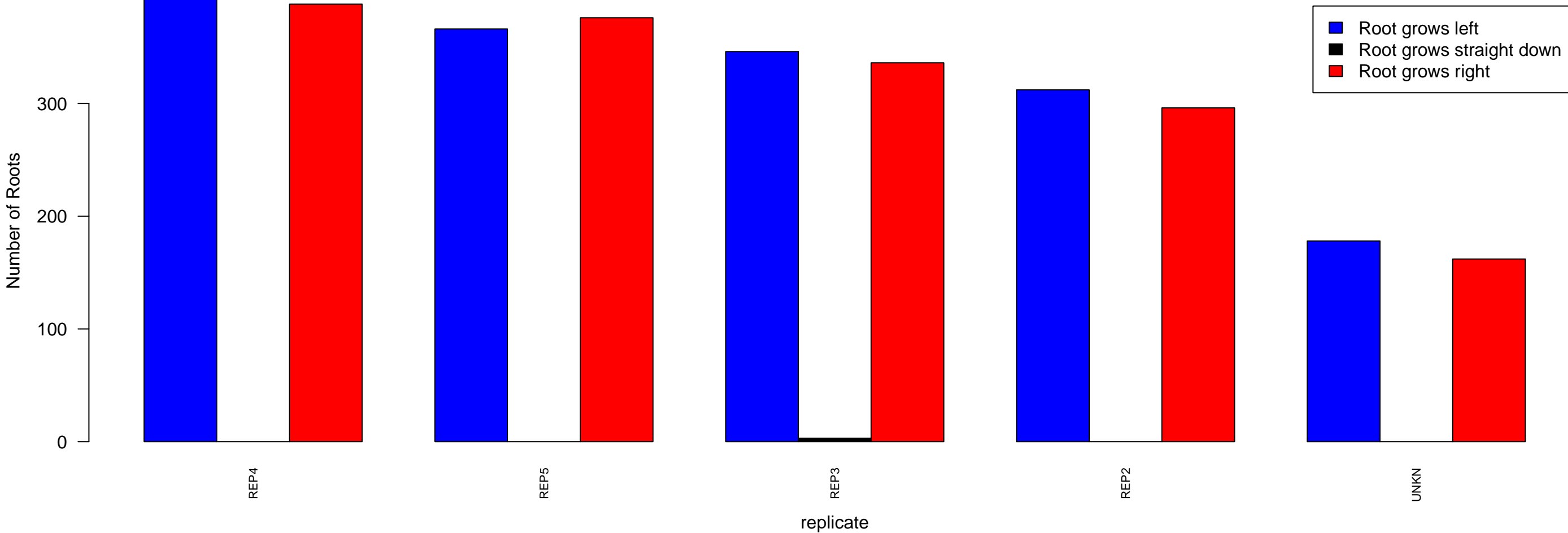
Trait: last3rdAngSign Co-variate: germAge



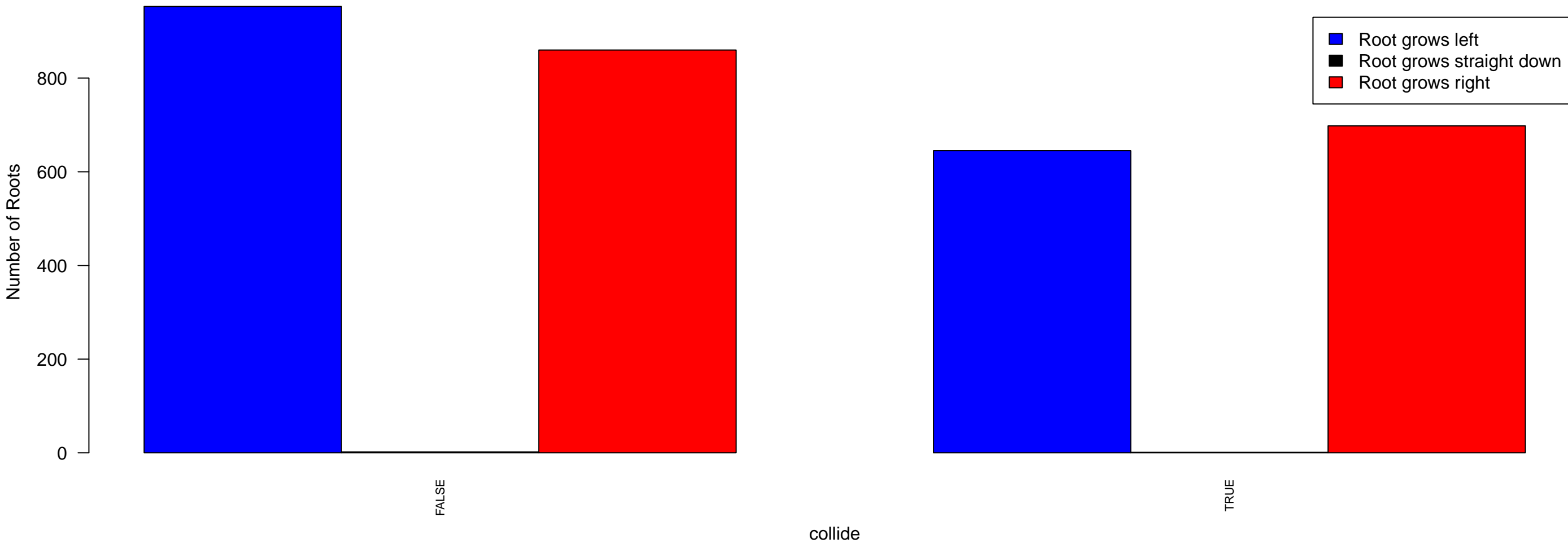
Trait: last3rdAngSign Co-variate: rootAge



Trait: last3rdAngSign Co-variate: replicate



Trait: last3rdAngSign Co-variate: collide



Trait: last3rdAngSign Co-variate: along

