Annuus Ha412HOChr16 pos2 ANN_17 3000 2000 1000 ANN_20 3000 2000 1000 IBD distance Inversion genotype ANN_23 Same 3000 2000 1000 ANN_57 3000 200

Annuus Ha412HOChr16 pos2 ANN_17 ANN_20 • IBD[genotype == 2] - IBD[genotype == 0] inverted normal Genomic region 3000 IBD[genotype == different] - IBD[genotype == same] Inversion Genotype ANN_57 ANN_23 1000 2 -1000 normal inverted Genomic region Population counts sign 0_derived 2_derived 0 -

0_derived

2_derived

Signal

5000

4000

3000

2000

1000

IBD distance

4000

3000

2000

1000

Genomic region

