Annuus Ha412HOChr17 neg2 ANN_16 ANN_28 ANN_29 ANN_14 5000 IBD[genotype == 2] – IBD[genotype == 0] 2000 4000 1000 3000 2000 1000 -2000 inverted normal Genomic region ANN_50 ANN_51 ANN_63 ANN_70 5000 IBD[genotype == different] - IBD[genotype == same] 4000 1000 IBD distance Inversion Genotype 1000 inverted normal IA1A MK1 MK3 MK8 Genomic region 5000 12.5 4000 10.0 -3000 Population counts sign 0_derived 2_derived 5.0 -1000 -2.5 **-**0.0 -0_derived 2_derived Genomic region Signal

