Annuus Ha412HOChr13 pos1 ANN_03 ANN_16 ANN_17 ANN_19 ANN_23 ANN_20 ANN_28 ANN_31 1000 distance 3000 distance 1000 distance Inversion genotype Same ANN_36 ANN_33 ANN_40 ANN_48 0 -ANN_49 MB

Annuus Ha412HOChr13 pos1 ANN_17 ANN_19 IBD[genotype == 2] – IBD[genotype == 0] 2000 ANN_31 -2000 normal inverted Genomic region IBD[genotype == different] - IBD[genotype == same] 3000 2000 Inversion Genotype ANN_48 1000 2 inverted normal Genomic region Population counts sign 0_derived 2_derived



