Petiolaris Ha412HOChr14 neg1 PET_15 5000 4000 3000 2000 1000 PET_18 5000 4000 IBD distance Inversion genotype Same 1000 PET_28 5000 4000 3000 2000 -1000 -150 MB

Petiolaris Ha412HOChr14 neg1 PET_28 PET_15 PET_18 6000 IBD[genotype == 2] - IBD[genotype == 0] 1000 • inverted normal Genomic region 4000 IBD[genotype == different] – IBD[genotype == same] IBD distance Inversion Genotype 2000 inverted normal Genomic region 2.0 1.5 Population counts sign 0_derived 2_derived 0.5 -0.0 0_derived 2_derived Signal Genomic region

