Chromosome 5a 51950 SNPs pvaluesRightTail 1.5 1.0 0.5 0.0 0.3 PCA_Axis1 0.010 0.005 0.000 -0.005 PCA_Axis2 0.01 0.00 -0.01 PCA_Axis3 0.015 0.010 0.005 0.000 -0.005 20 35 40 10 15 25 30 45 50 55 Genome position (Mbp)