## Chromosome 3a 691187 SNPs pvaluesRightTail 1.2 0.9 0.6 0.3 0.1 0.0 -0.1 0.3 0.2 PCA\_Axis1 0.001 0.000 -0.001 PCA\_Axis2 0.002 0.001 0.000 -0.001 -0.002 PCA\_Axis3 0.001 0.000 -0.001 -0.002 -0.003 \(\frac{1}{2}\) 25 30 65 70 10 15 20 35 45 50 55 60 Genome position (Mbp) — Coding Regions\_Severn — Coding Regions\_Tenterfield — Non-coding Regions\_Severn — Non-coding Regions\_Tenterfield