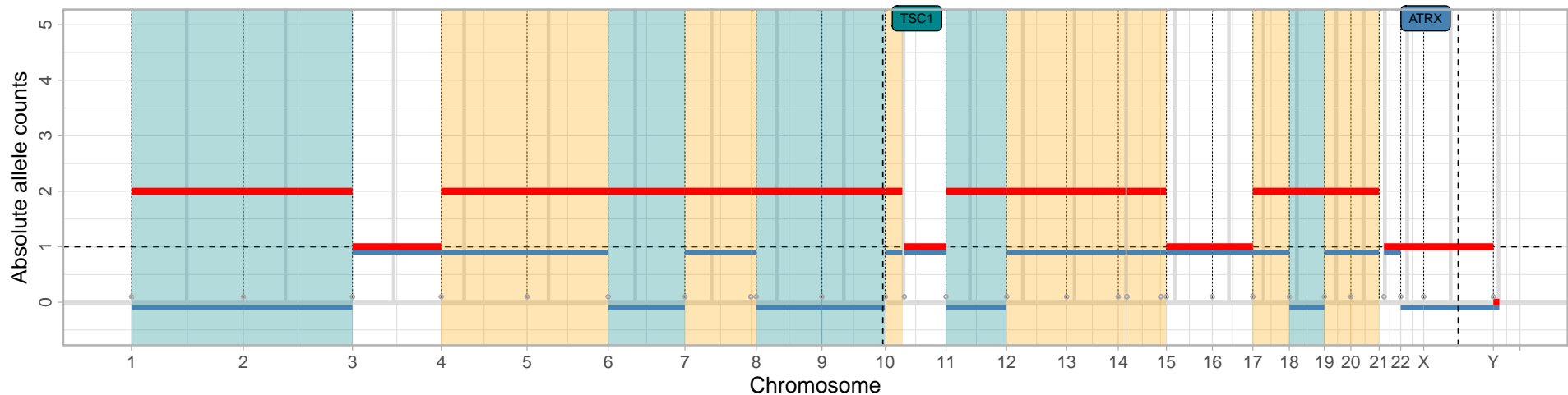
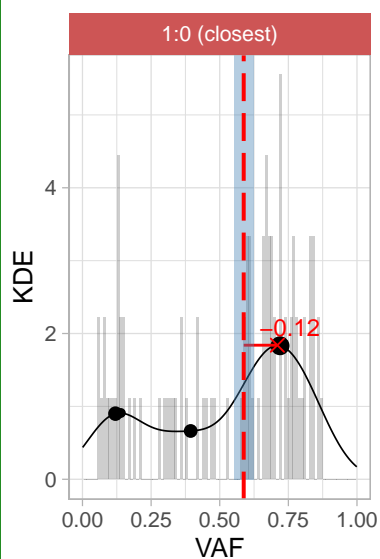


Chromosomal timing sample

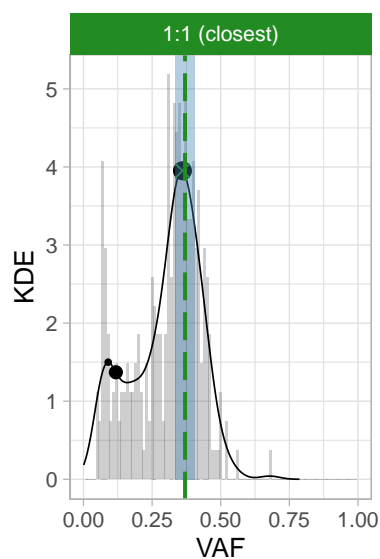


Major allele minor allele 1:0 2:0 2:1
 Ploidy 2; Purity 0.74; n = 1927 mutations in 31 segments; 10 fragmented arms

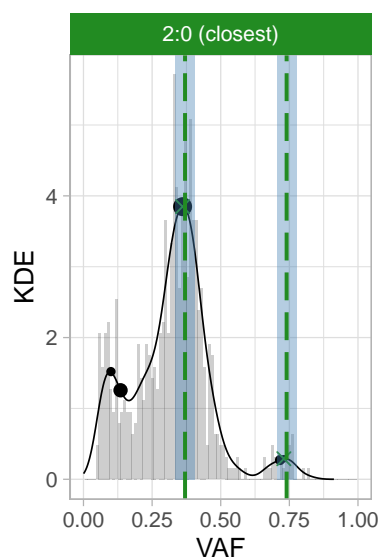
1:0 (n = 90, 4.7%)



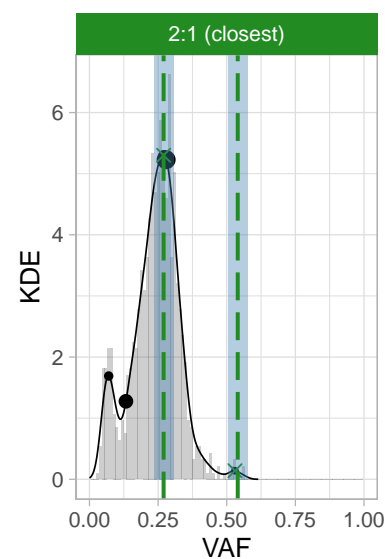
1:1 (n = 270, 14%)



2:0 (n = 630, 32.7%)

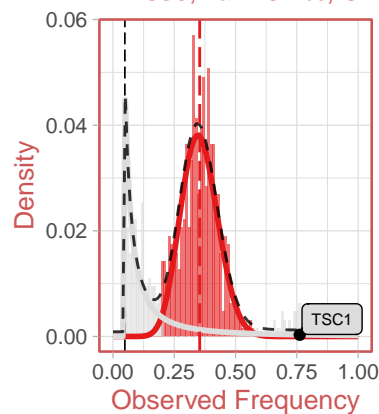


2:1 (n = 936, 48.6%)



QC FAIL $p_{\text{PASS}} = 0$

n = 630; Tail 28.4%, C1

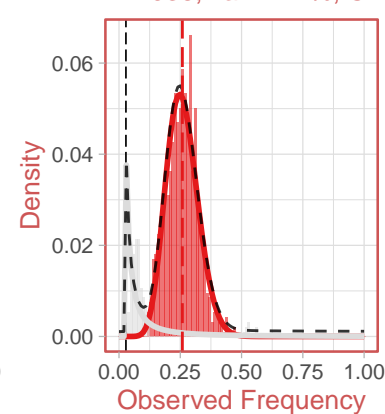


Cluster C1 Tail

MM (49 steps; $\epsilon = 4\text{e-}09$, $z_{nk} > 0$)

QC FAIL $p_{\text{PASS}} = 0$

n = 936; Tail 14.7%, C1



Cluster C1 Tail

MM (47 steps; $\epsilon = 5\text{e-}09$, $z_{nk} > 0$)