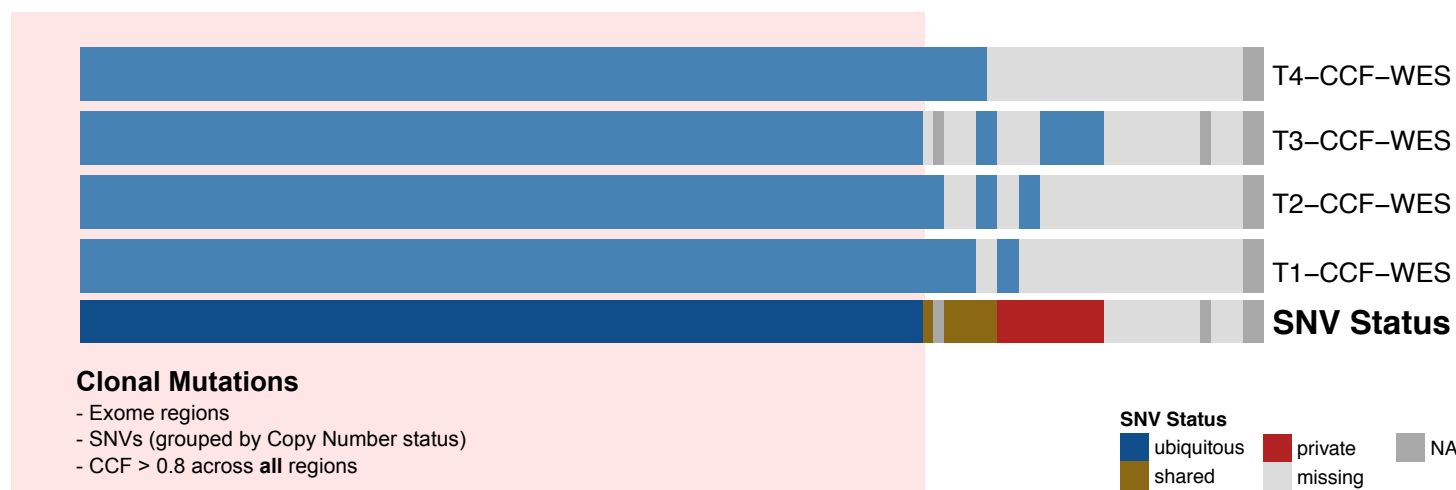
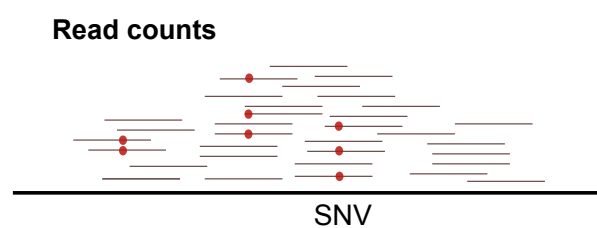


A

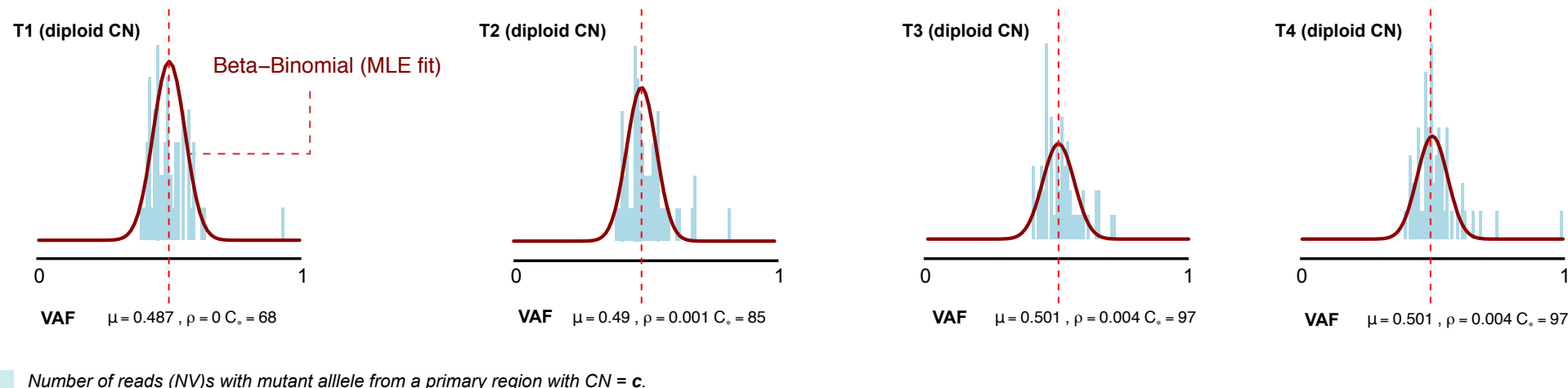
PATIENT 52

Cancer Cell Fractions (CCF) from Whole Exome Sequencing of 4 primary tumour regions



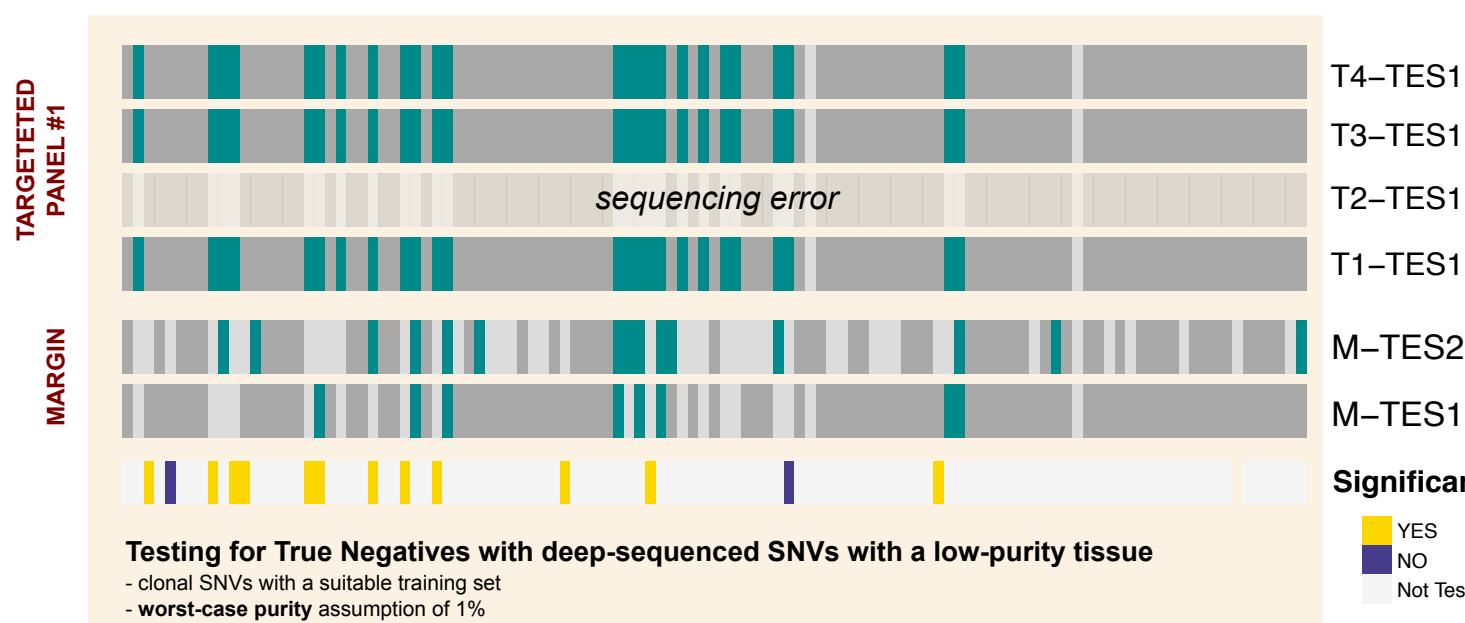
B

Training model. Expected read counts harbouring a variant allele, for a clonal SNV (adjusted for Copy Number)



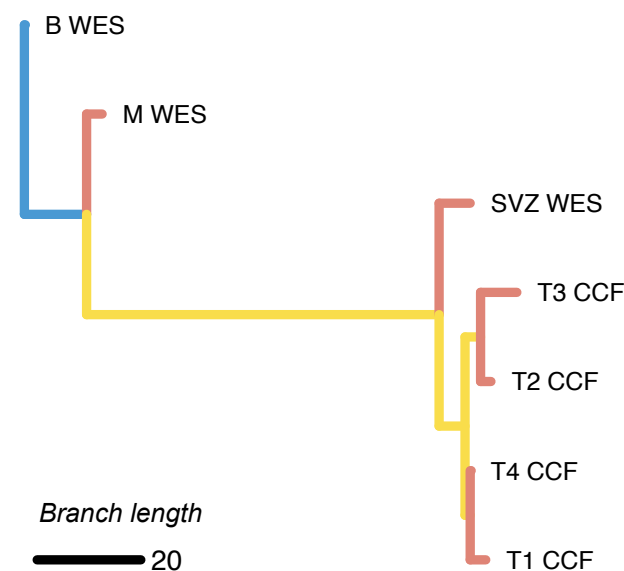
C

Test data. Deep Sequencing reveals clonal SNVs in the primary tumour that are missing in the margin samples.



D

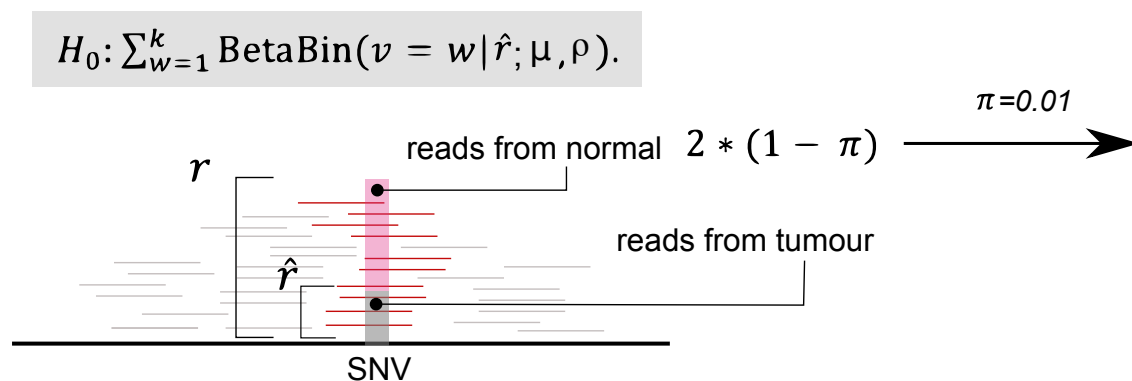
Phylogenetic analysis. The tree supports margin samples being ancestral to primary tumour regions.



E

Deep-resolution clonal SNVs (~3000x)

$NV < k$ in M ; tested with read coverage from tumour (NR).



Test power for $\mu = 0.5$ and $\rho = 5 \times 10^{-2}$ at significance level $\alpha = 0.05$

