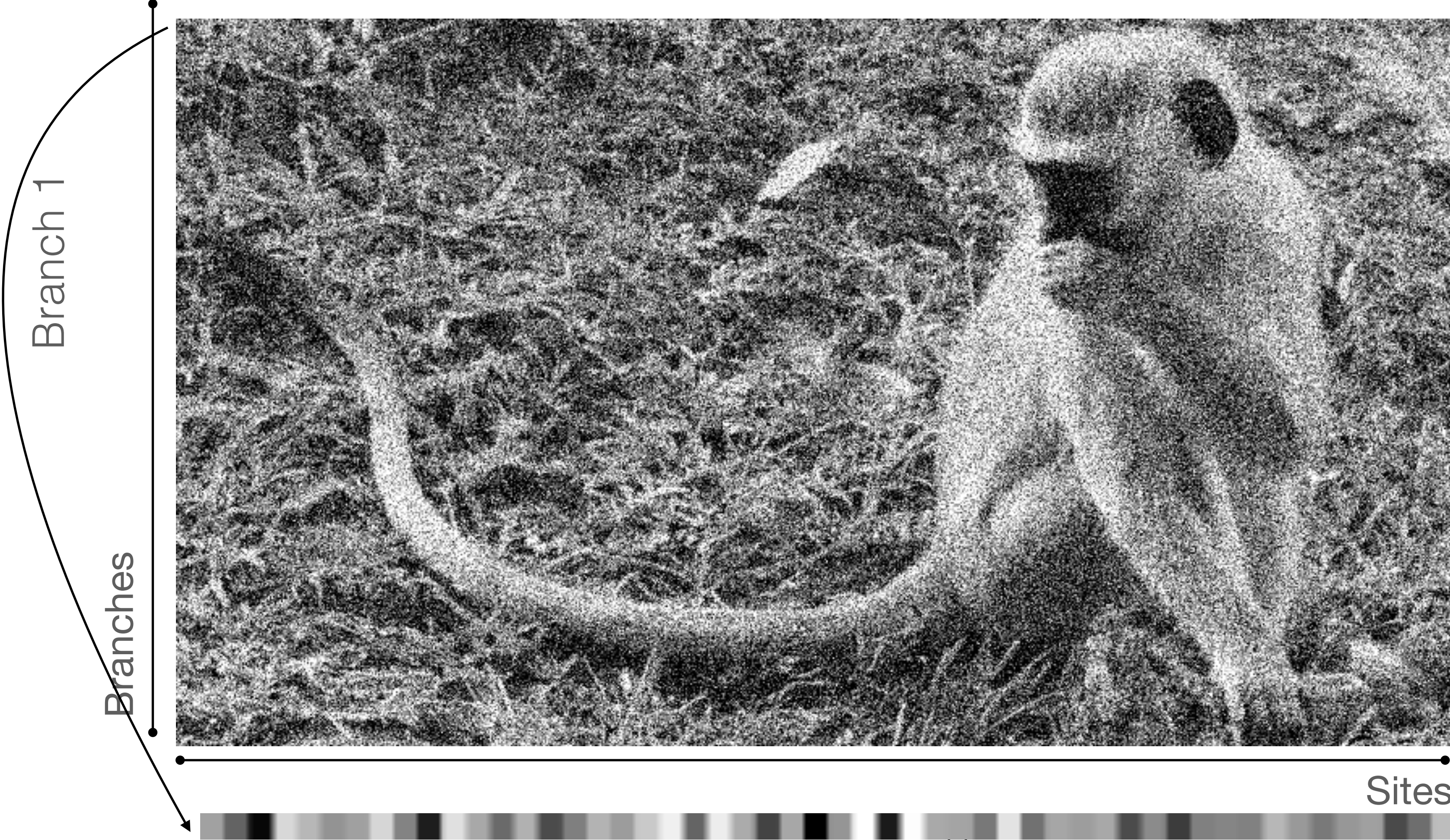


Which branches are under selection? (aBSREL)



3-rate fit



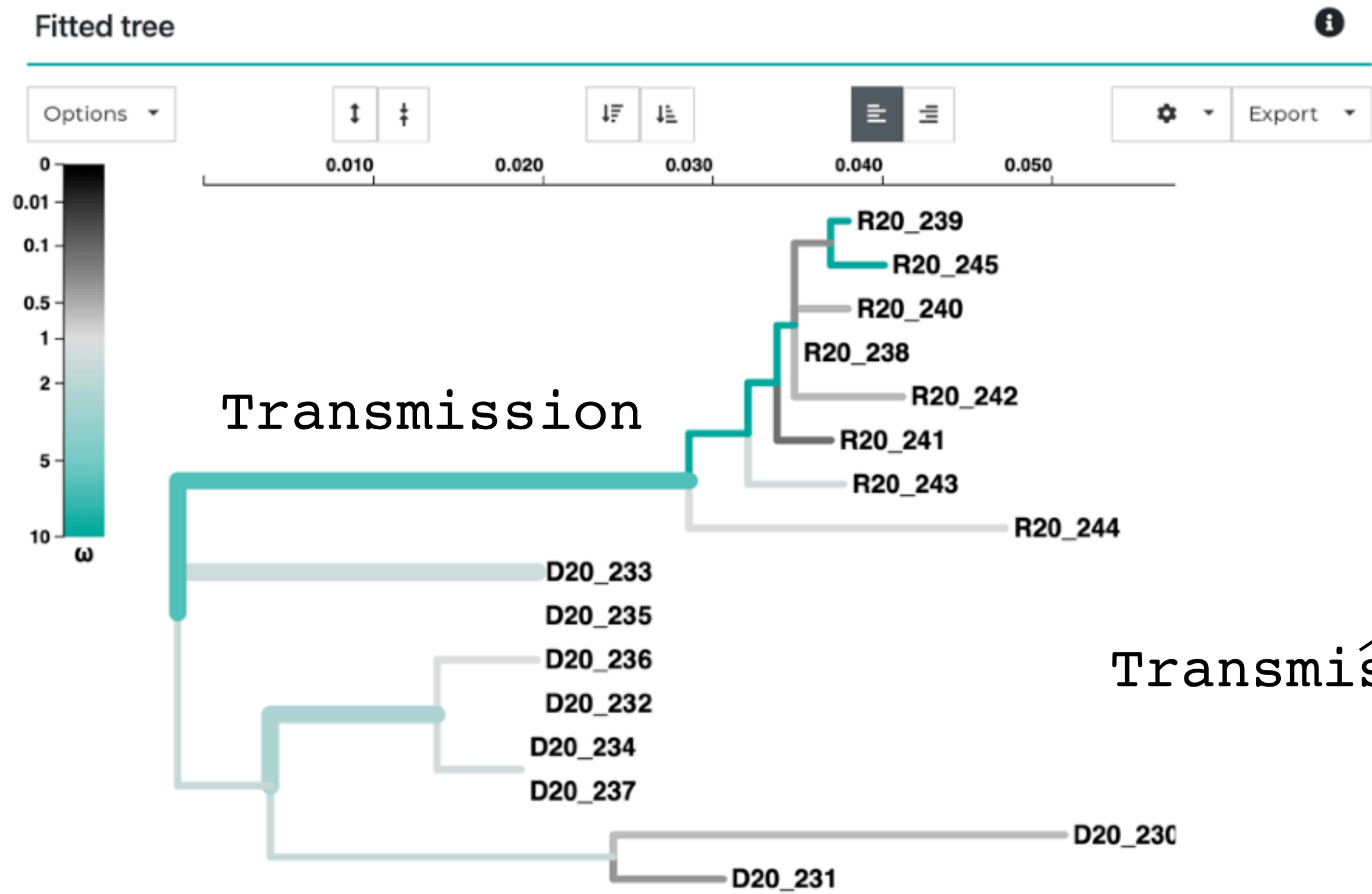
For each image **row**, is there a significant proportion of bright pixels, once the column has been reduced to **N** colors only?



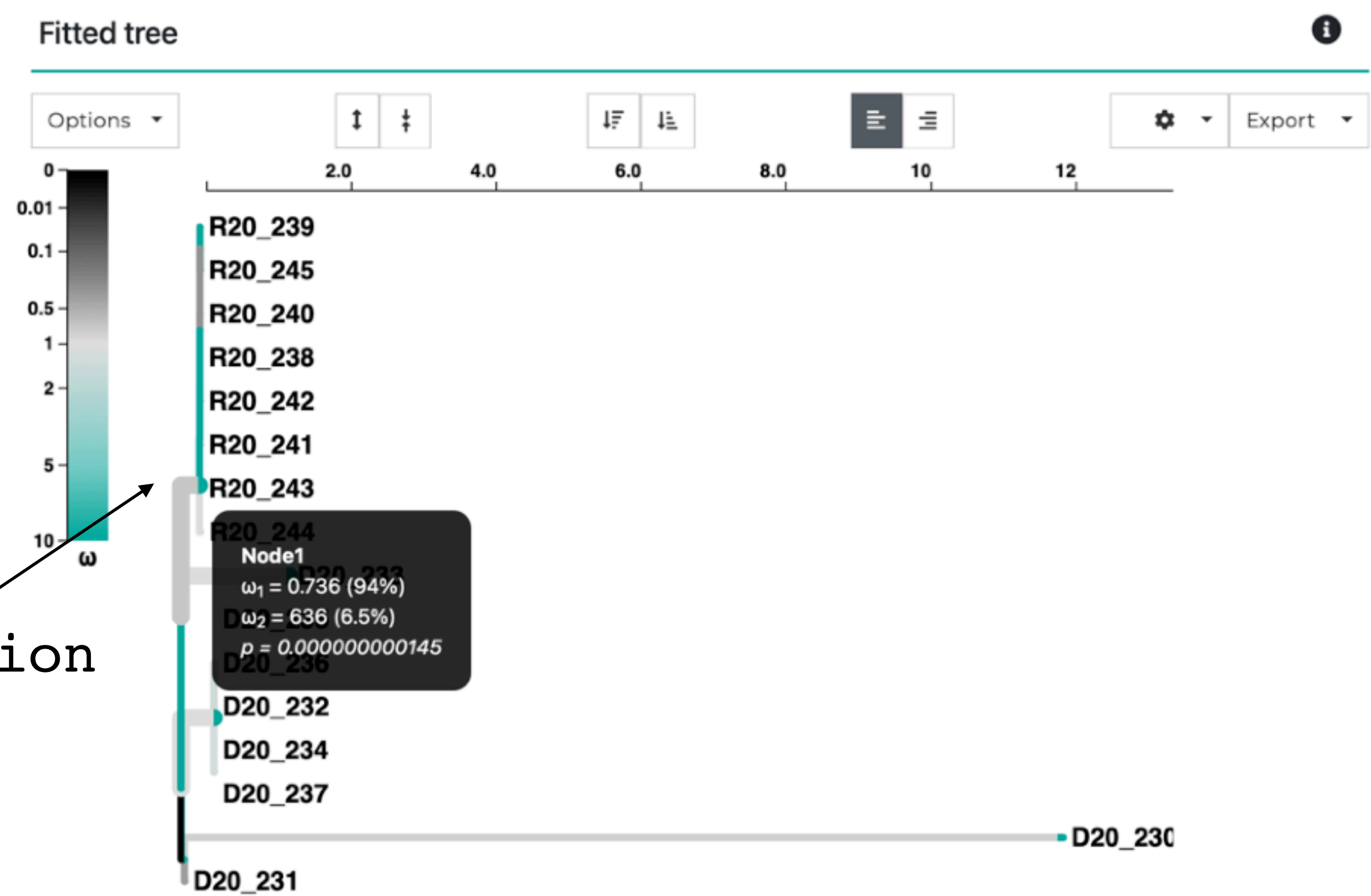
[aBSREL]: at a given branch, each site is a draw from an N-bin ( $dN/dS$ ) distribution, which is inferred from all data for the branch. Test if there is a proportion of sites with  $dN/dS > 1$  (LRT). **N** is derived adaptively from the data.



HIV-1 env



One dN/dS per branch



Adaptive dN/dS per branch