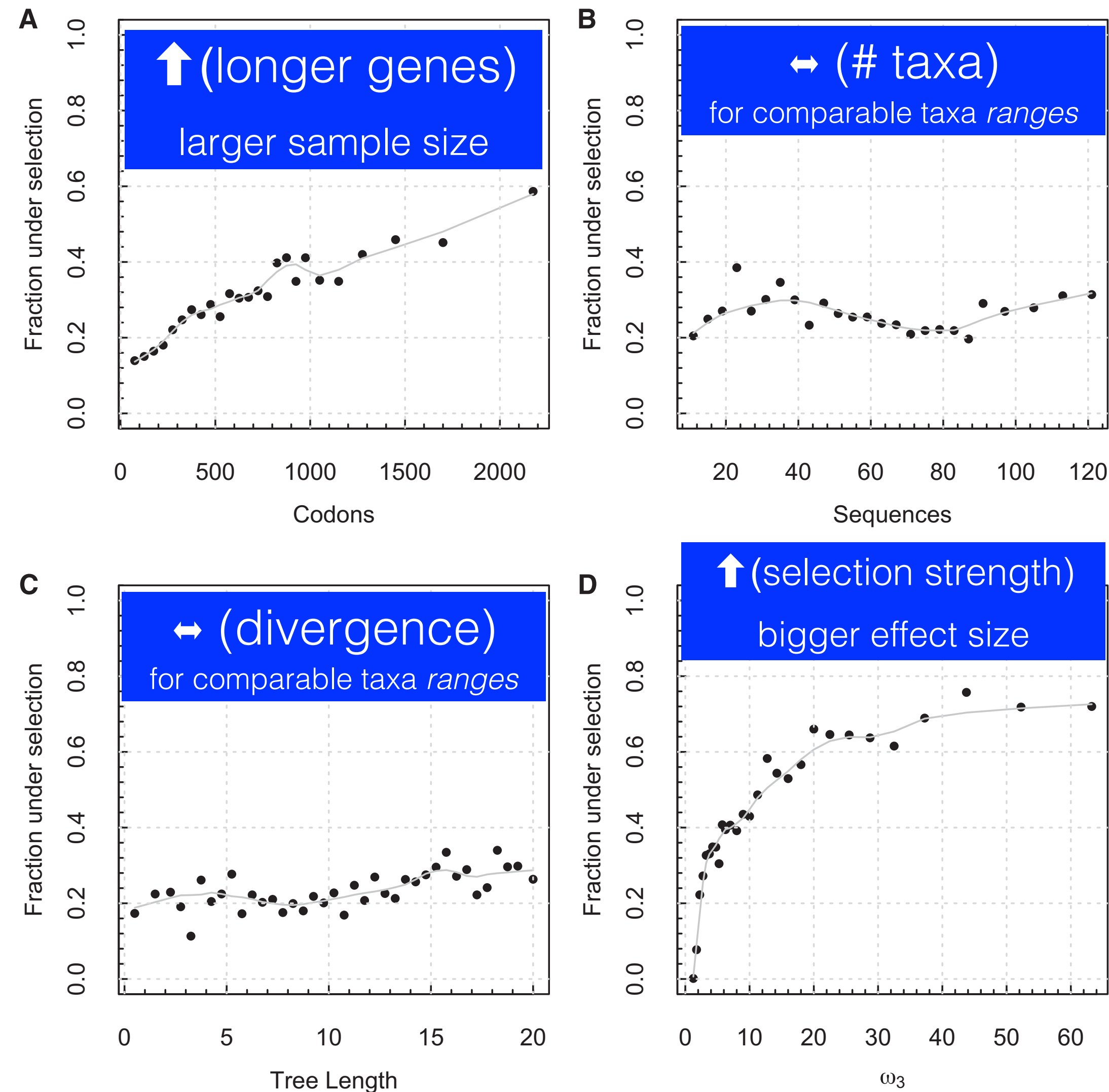
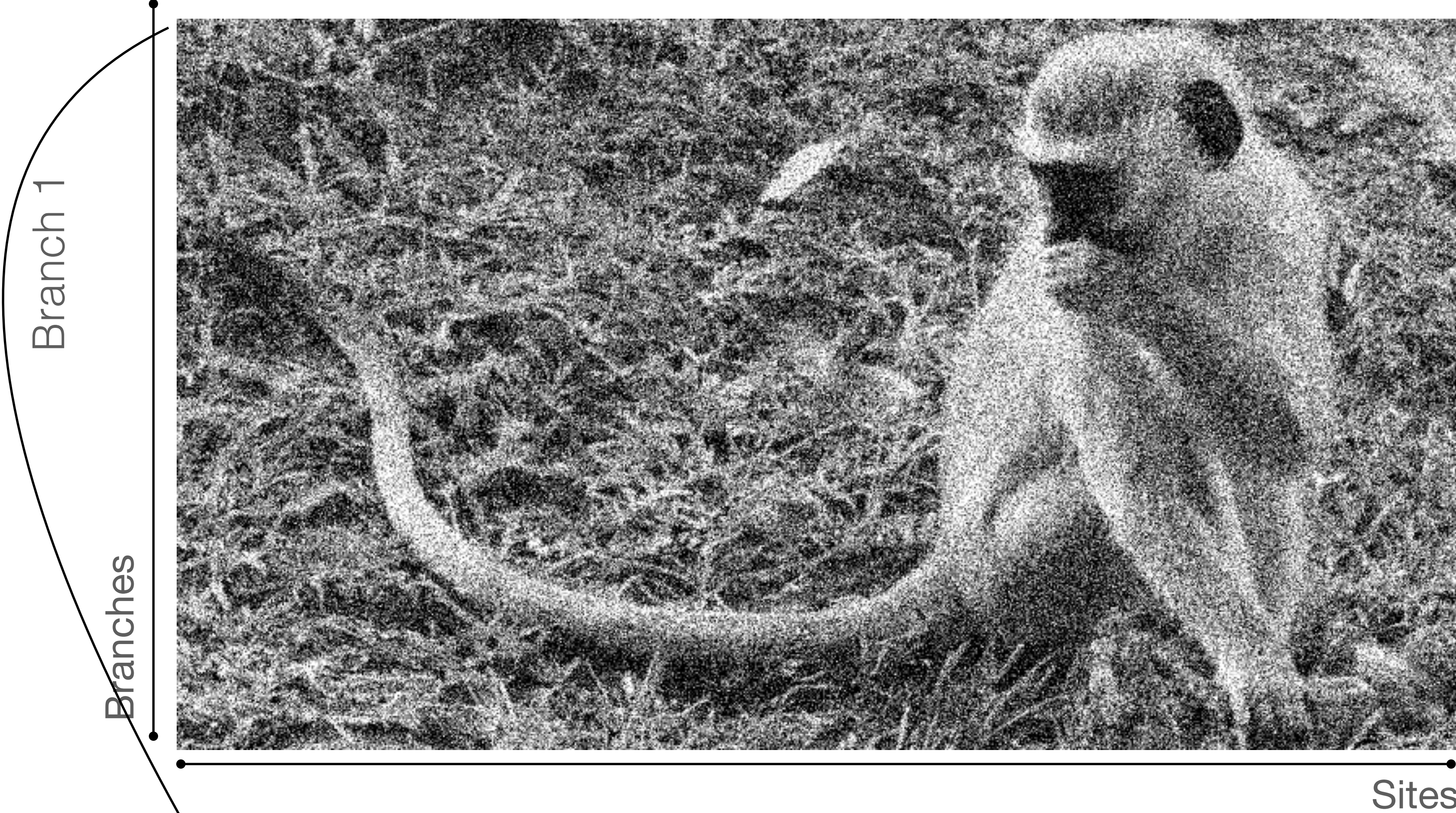


# Where does the power come from for BUSTED?

An analysis of ~9,000 curated gene alignments from *selectome.unil.ch*



# Which branches are under selection?



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.