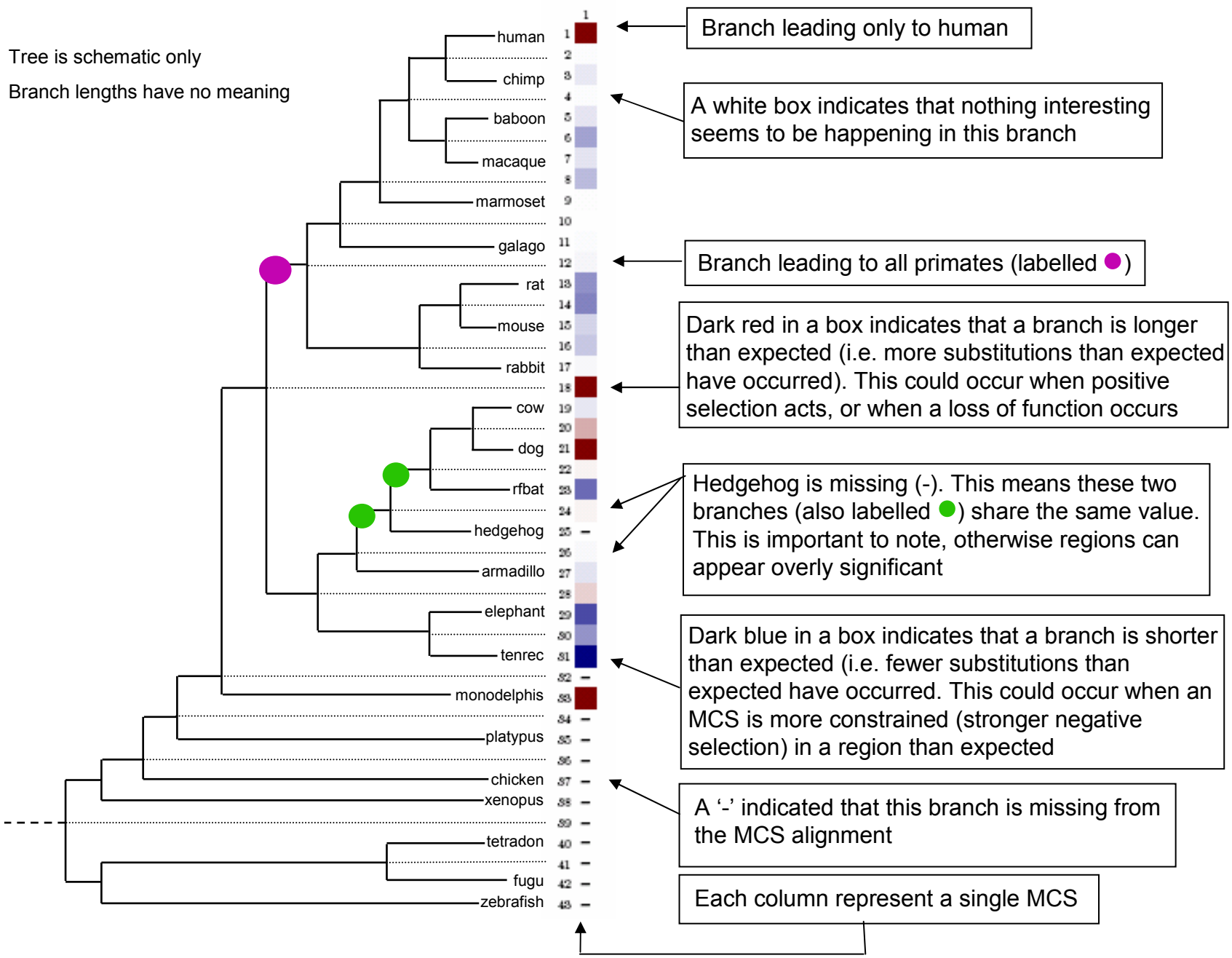
Tree is schematic only
Branch lengths have no meaning
human
chimp
baboon
macaque
marmoset
galago
rat
mouse
rabbit
cow
dog
rfbat
hedgehog
armadillo
elephant
tenrec
monodelphis
platypus
chicken
xenopus
tetradon
fugu
zebrafish
Branch leading only to human
A white box indicates that nothing interesting seems to be happening in this branch
Branch leading to all primates (labelled ●)
Dark red in a box indicates that a branch is longer than expected (i.e. more substitutions than expected have occurred). This could occur when positive selection acts, or when a loss of function occurs
Hedgehog is missing (-). This means these two branches (also labelled ●) share the same value. This is important to note, otherwise regions can appear overly significant
Dark blue in a box indicates that a branch is shorter than expected (i.e. fewer substitutions than expected have occurred. This could occur when an MCS is more constrained (stronger negative selection) in a region than expected
A '-' indicated that this branch is missing from the MCS alignment
Each column represent a single MCS