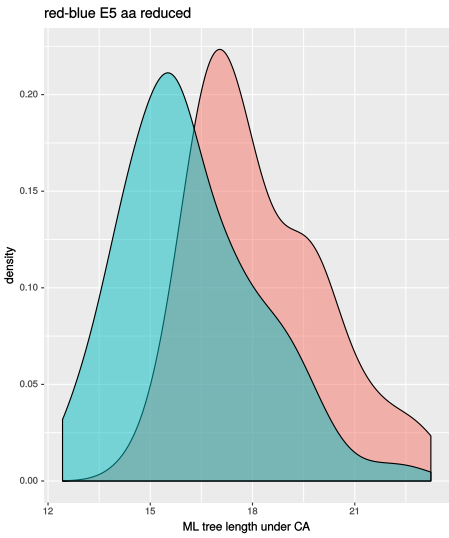
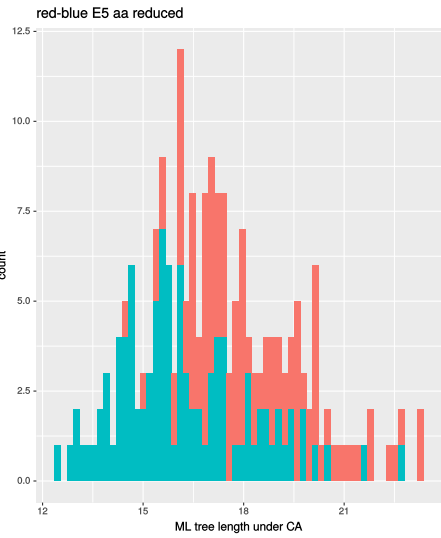


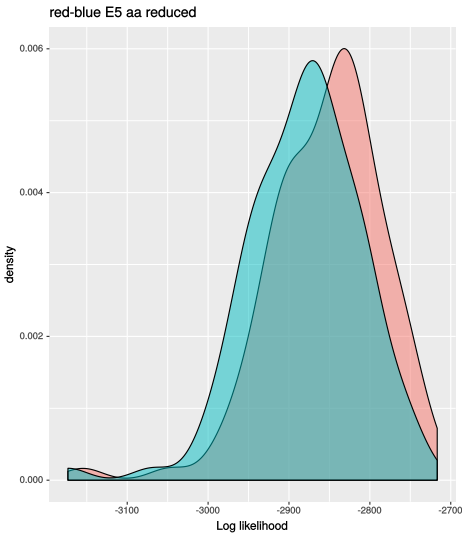
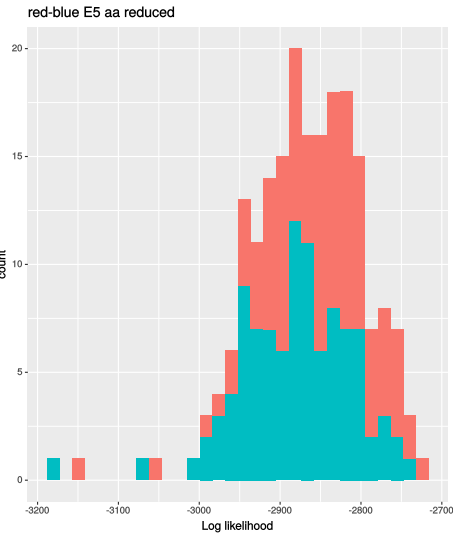
Random Permutation Test

E5 ORF within AlphaPVs and Delta-ZetaPVs amino acids

H0: (red-blue)
H1: red + blue



Kruskal-Wallis rank sum test on ML tree length
chi-squared = 44.17, df = 1, p-value = 3.011e-11



Kruskal-Wallis rank sum test on the Log likelihood
chi-squared = 8.3269, df = 1, p-value = 0.003906

