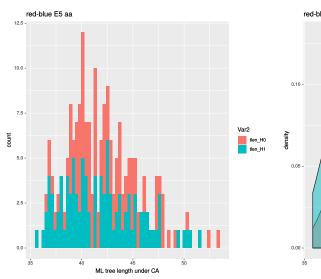
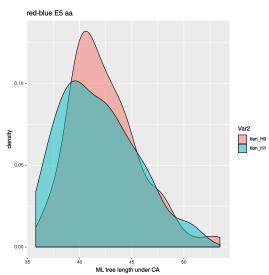
## **Random Permutation Test**

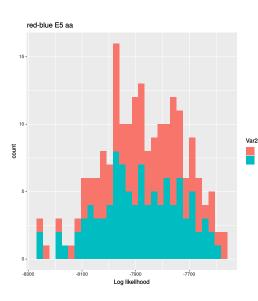
E5 ORF within AlphaPVs and Delta-ZetaPVs amino acids

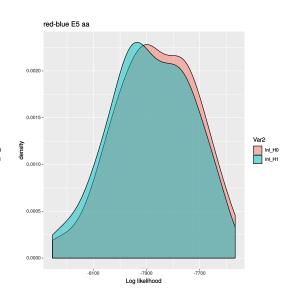
H0: (red-blue) H1: red + blue





Kruskal-Wallis rank sum test on ML tree length chi-squared = 1.8191, df = 1, p-value = 0.1774





Kruskal-Wallis rank sum test on the Log likelihood chi-squared = 0.84853, df = 1, p-value = 0.357

