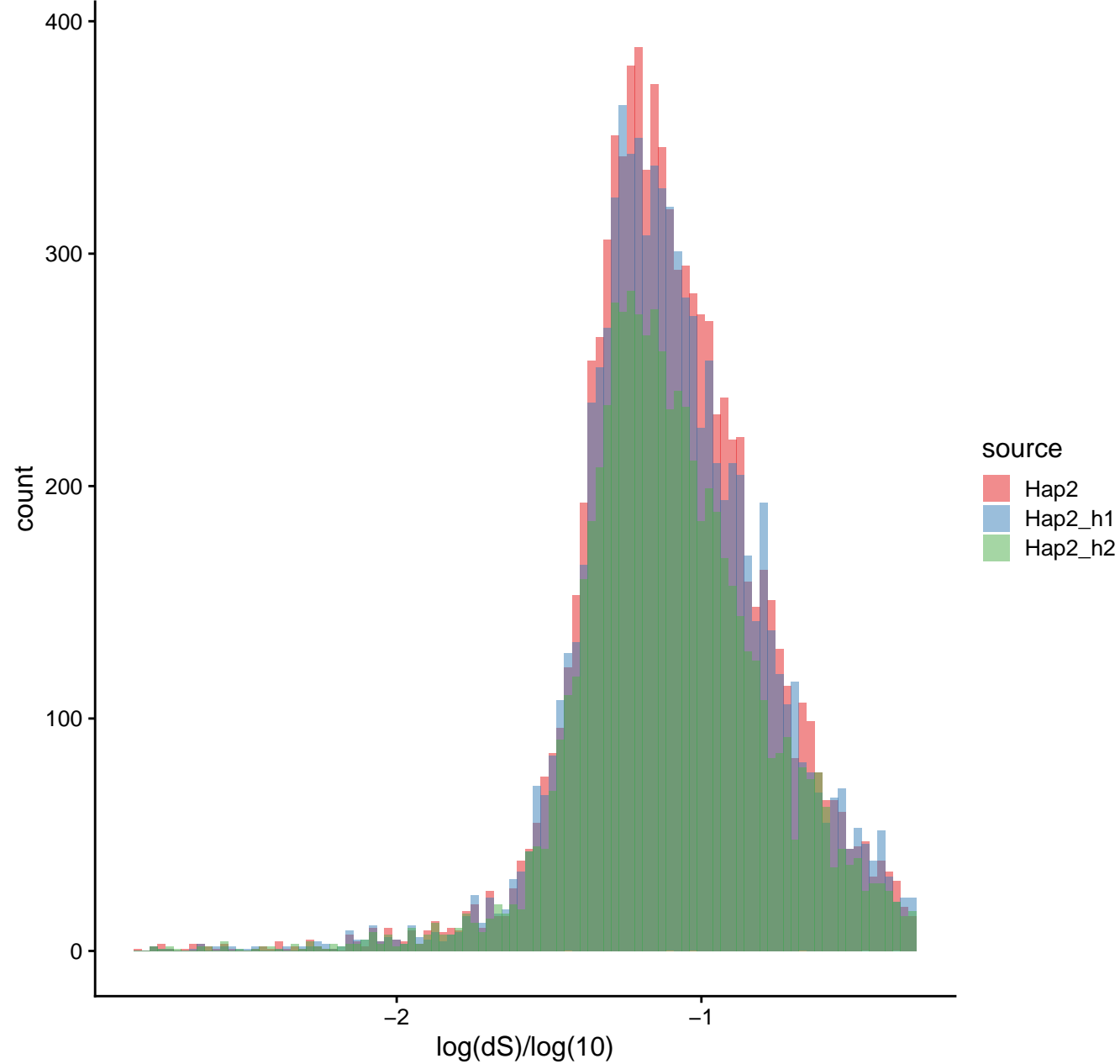
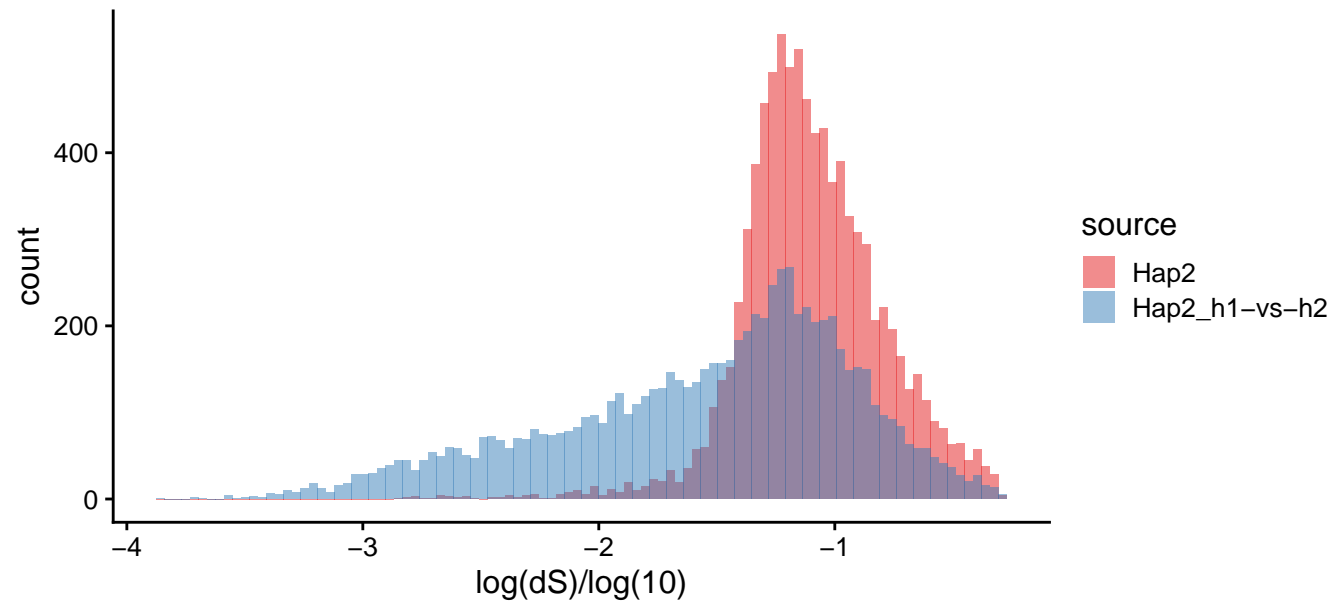


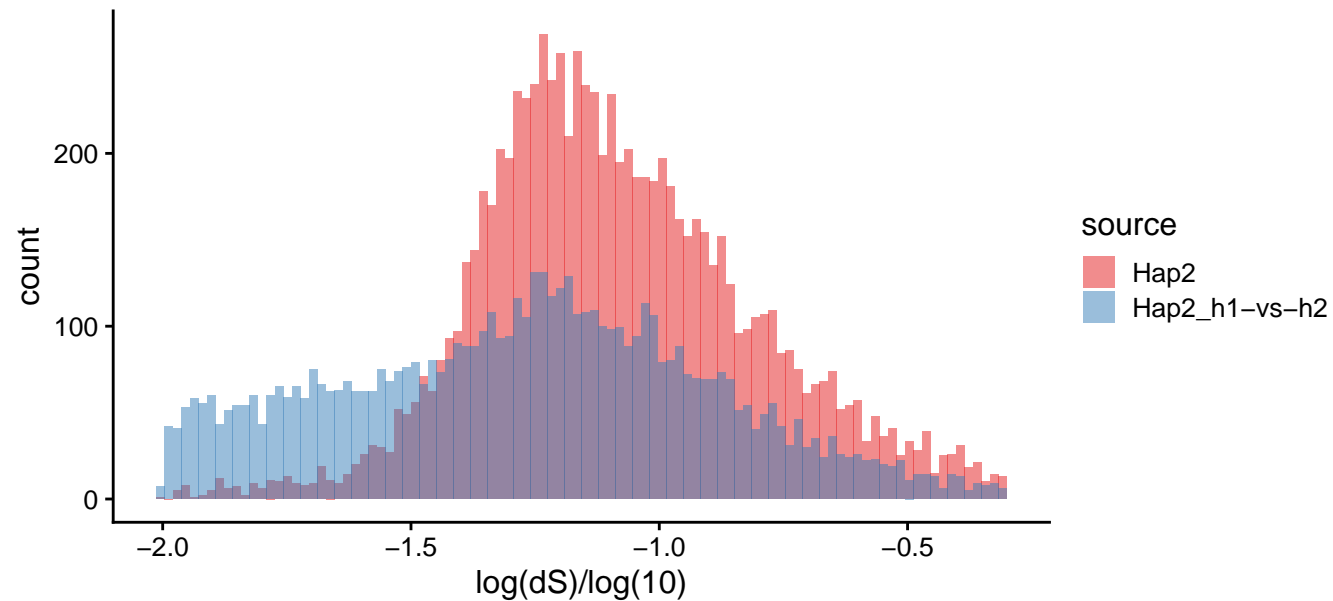
# dS within-strain/haplotype pairwise Paralogs



### dS pairwise (Ortholog vs Paralog)



### dS pairwise (Ortholog vs Paralog) (bigger than 0.01)



# dN/dS pairwise

