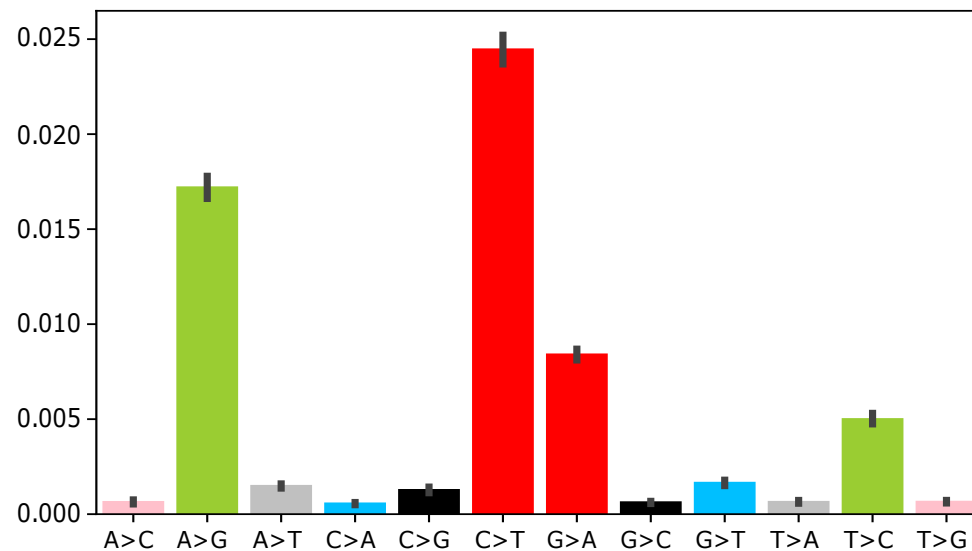


**A.****Vertebrate 12 component mutational spectrum****B.****Vertebrate 192 component mutational spectrum**