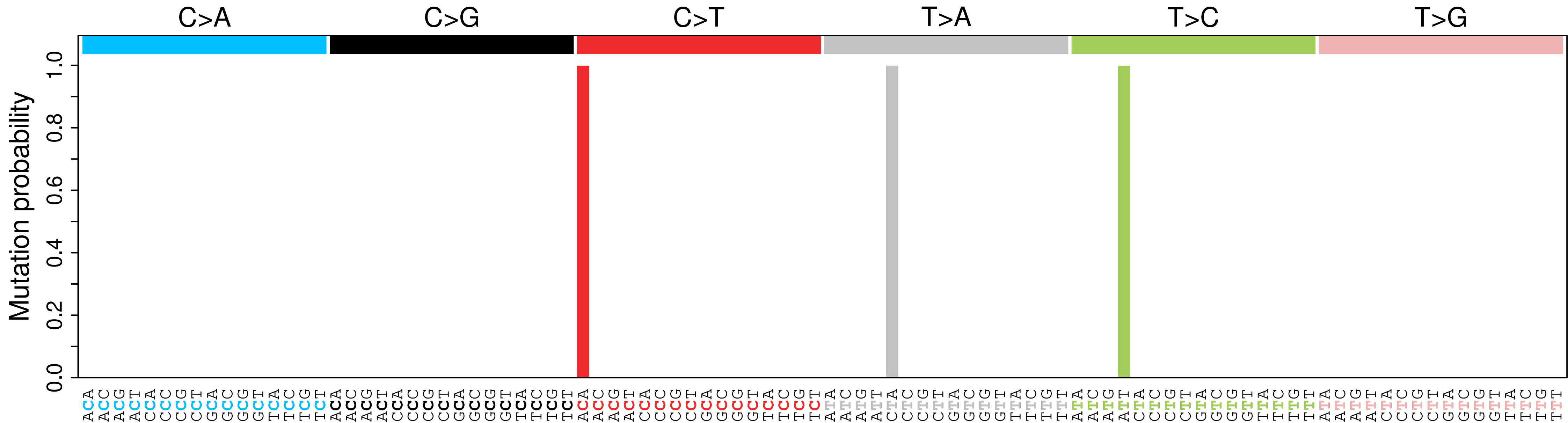
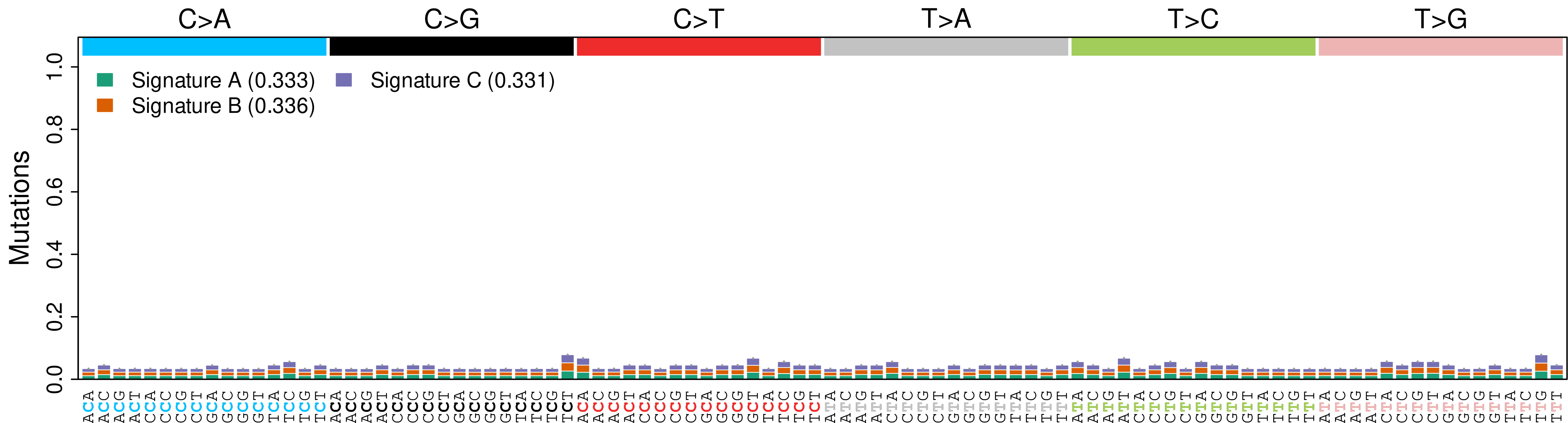


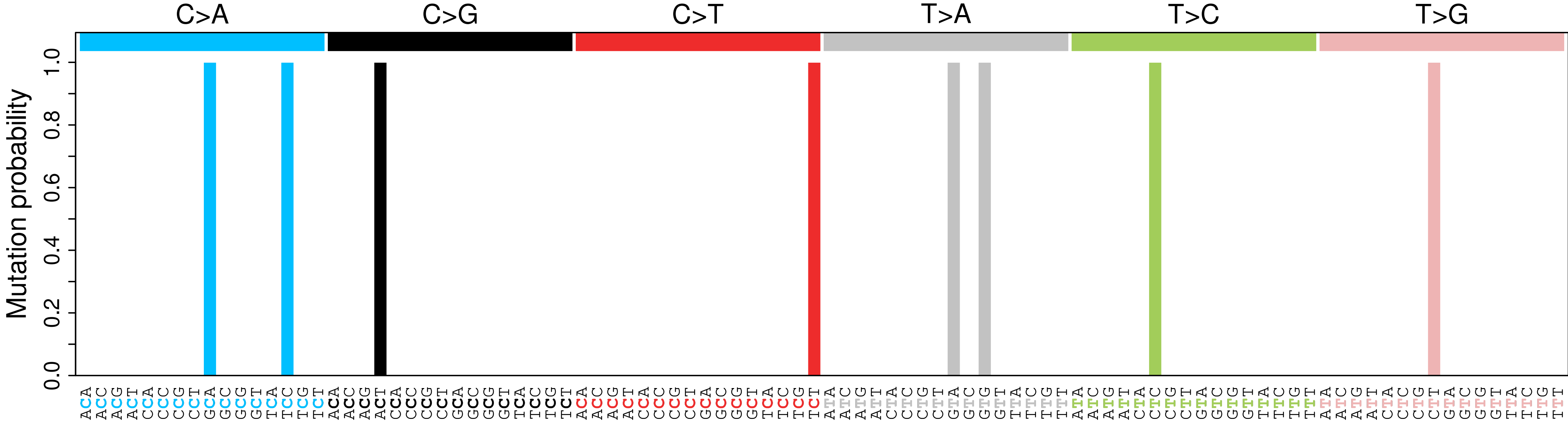
CATD343a



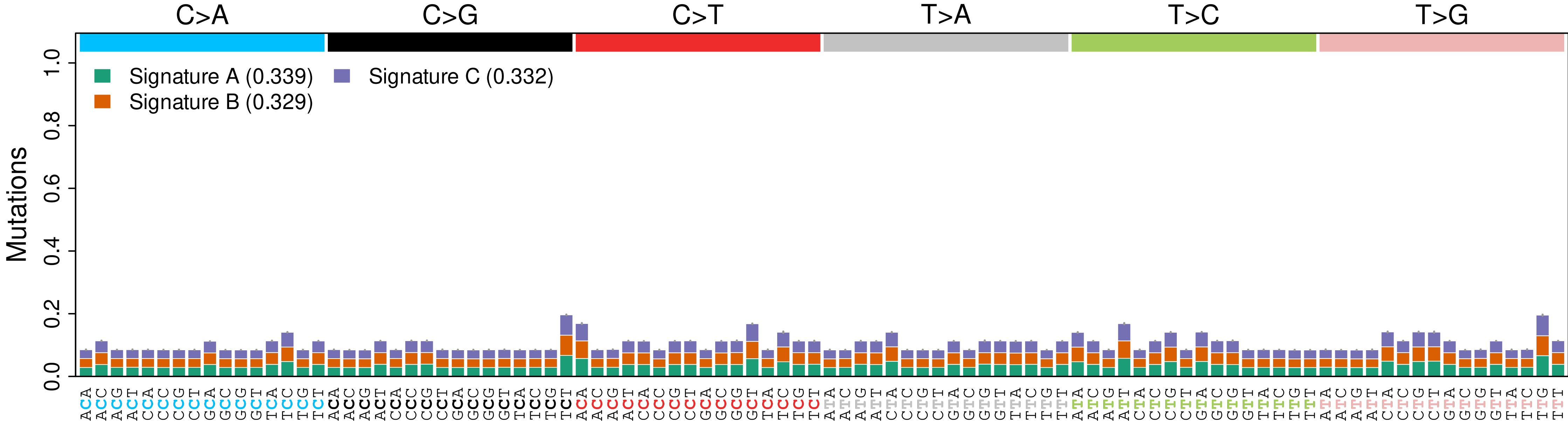
Reconstructed spectrum (cosine similarity = 0.262)



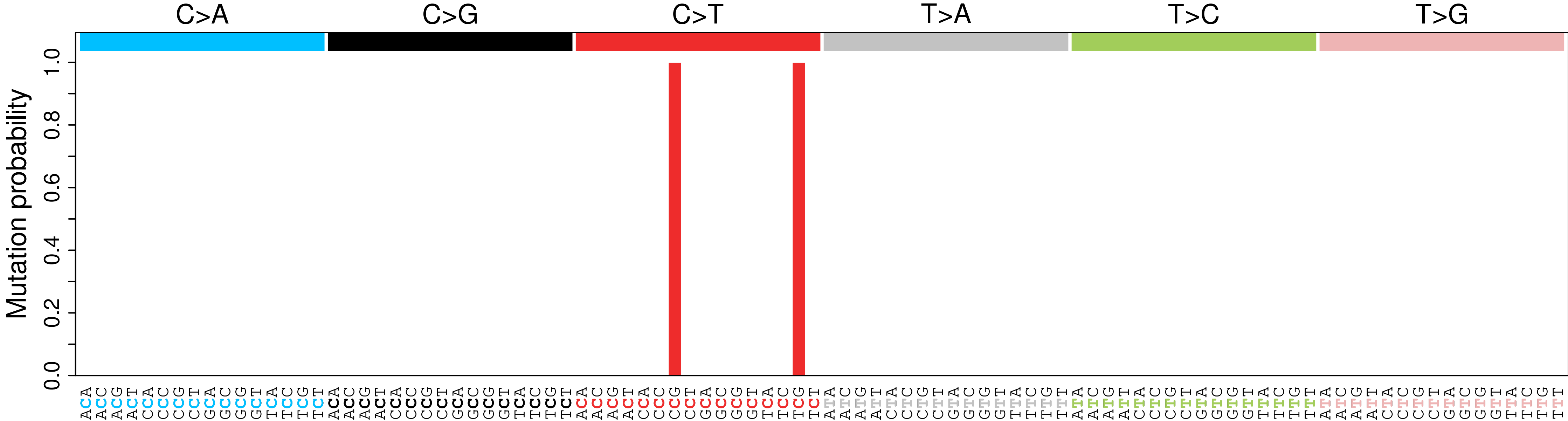
CATD336a



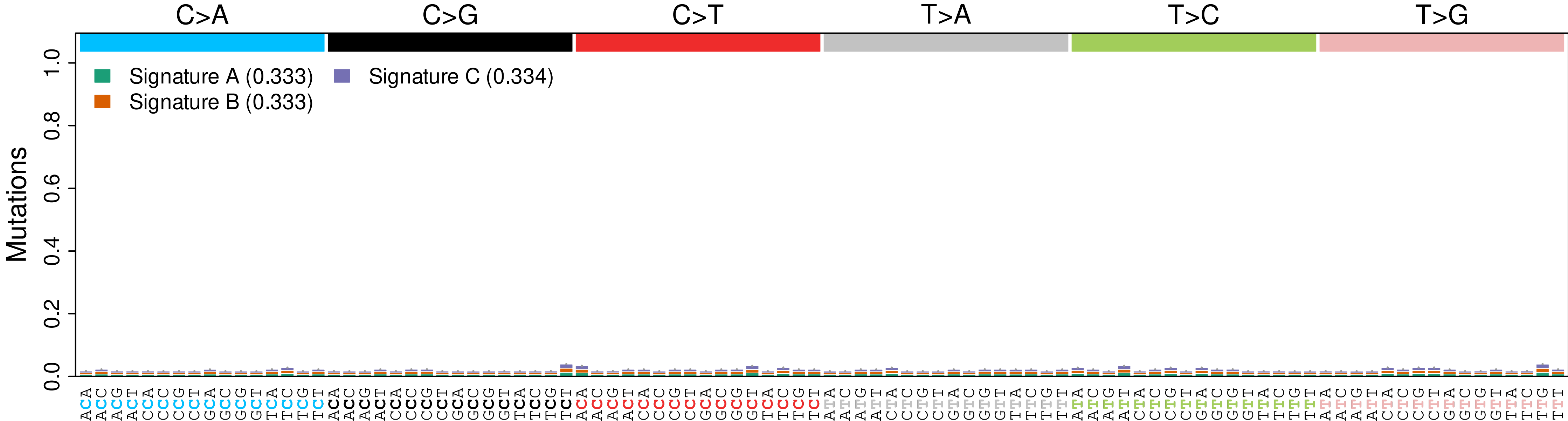
Reconstructed spectrum (cosine similarity = 0.323)



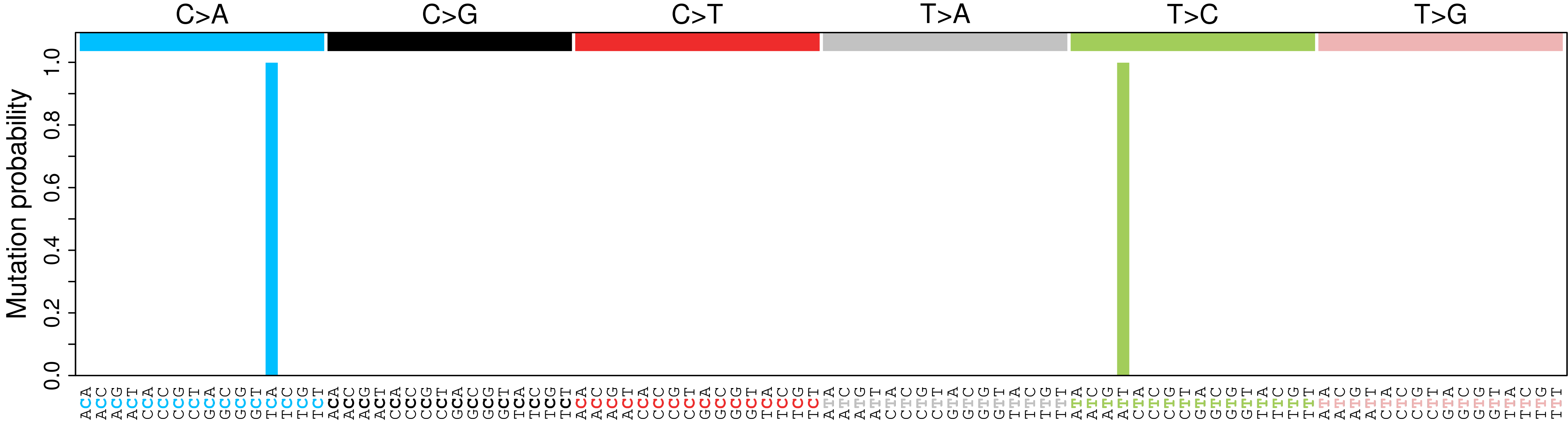
CATD0547a



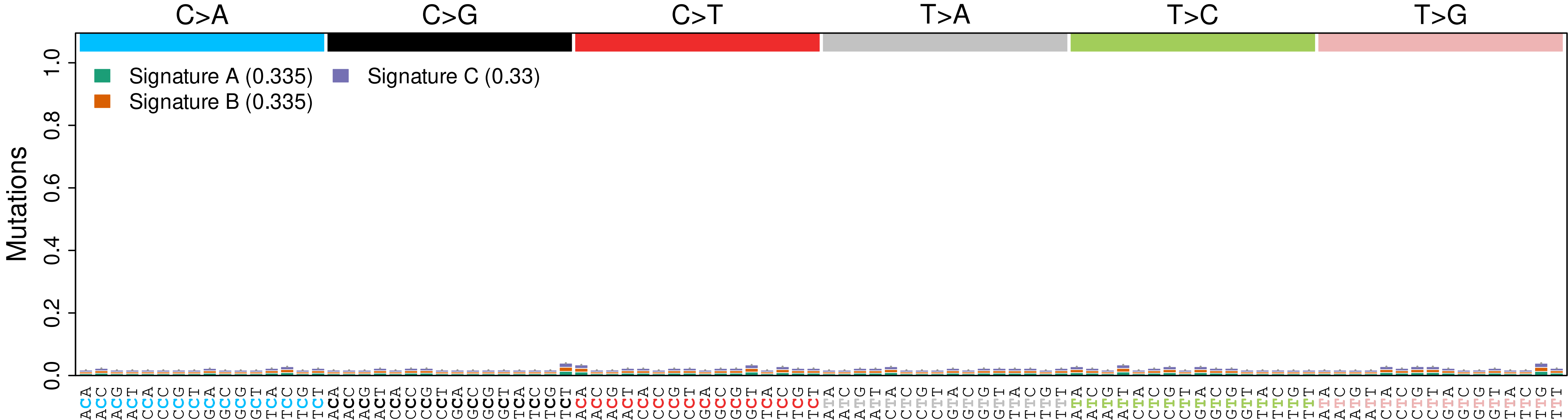
Reconstructed spectrum (cosine similarity = 0.152)



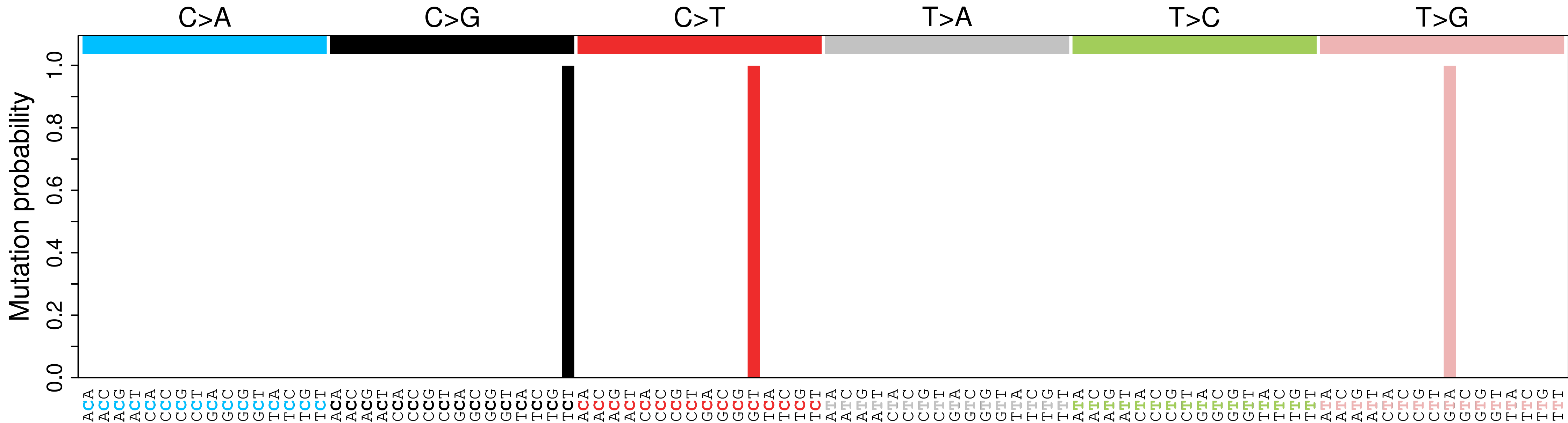
CATD0558a



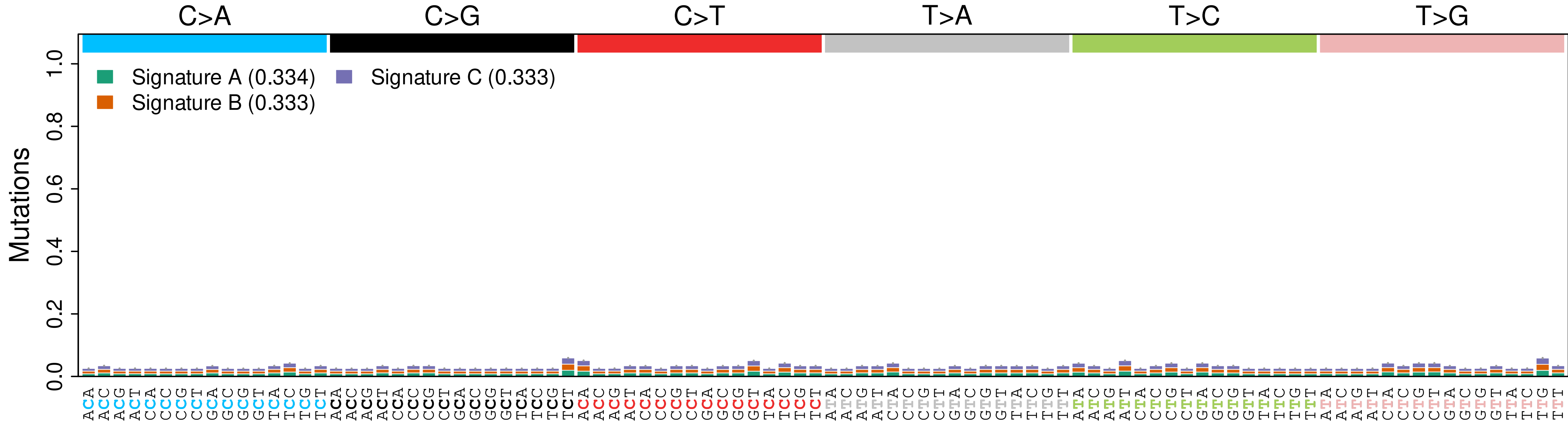
Reconstructed spectrum (cosine similarity = 0.189)



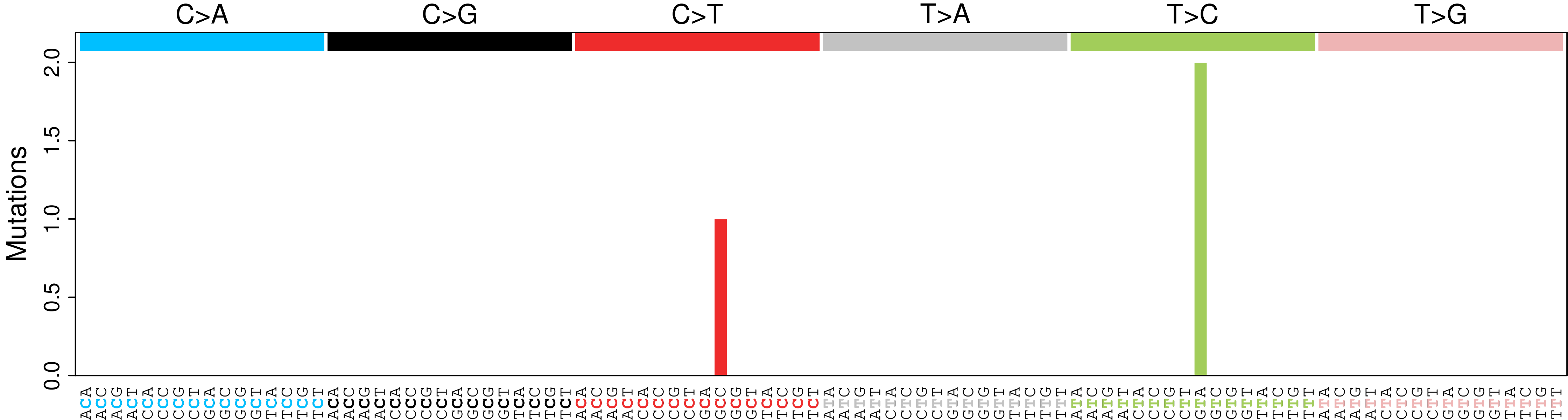
CATD337a



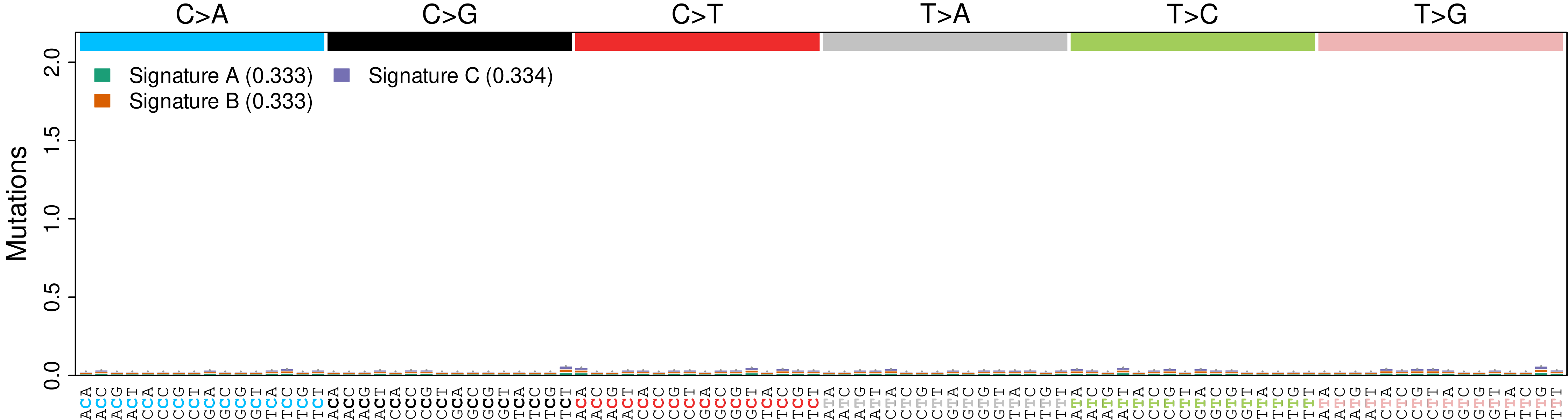
Reconstructed spectrum (cosine similarity = 0.262)



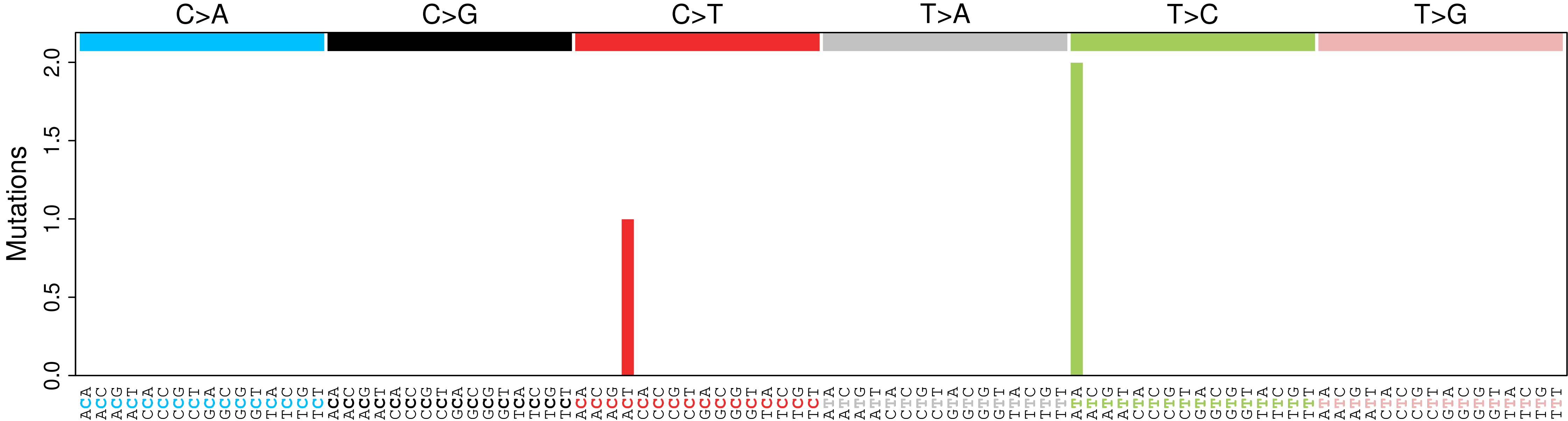
CATD331a (3 mutations)



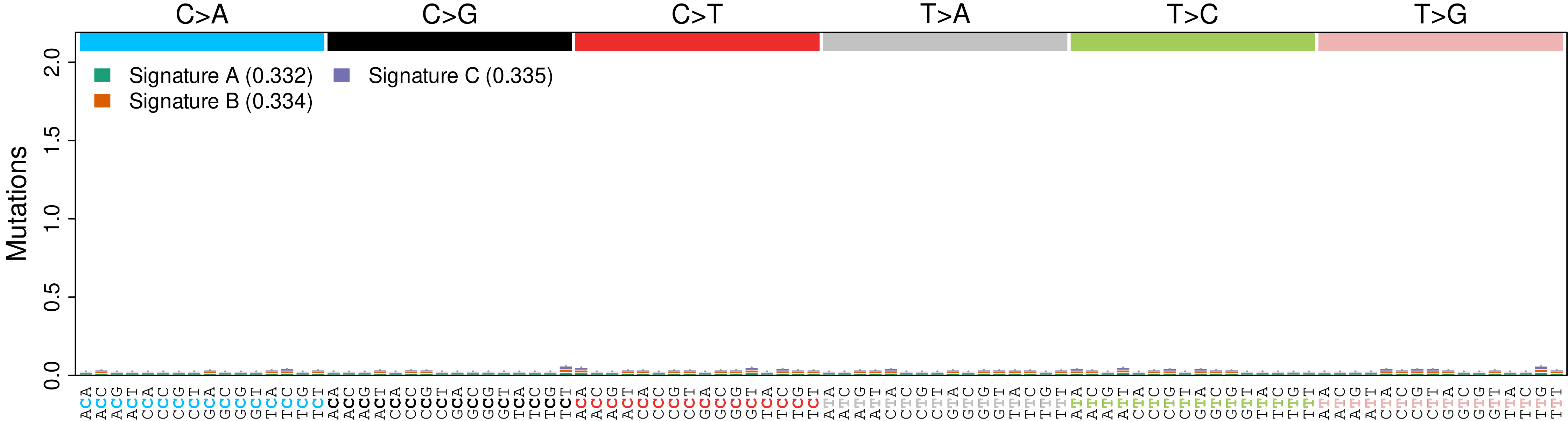
Reconstructed spectrum (cosine similarity = 0.168)



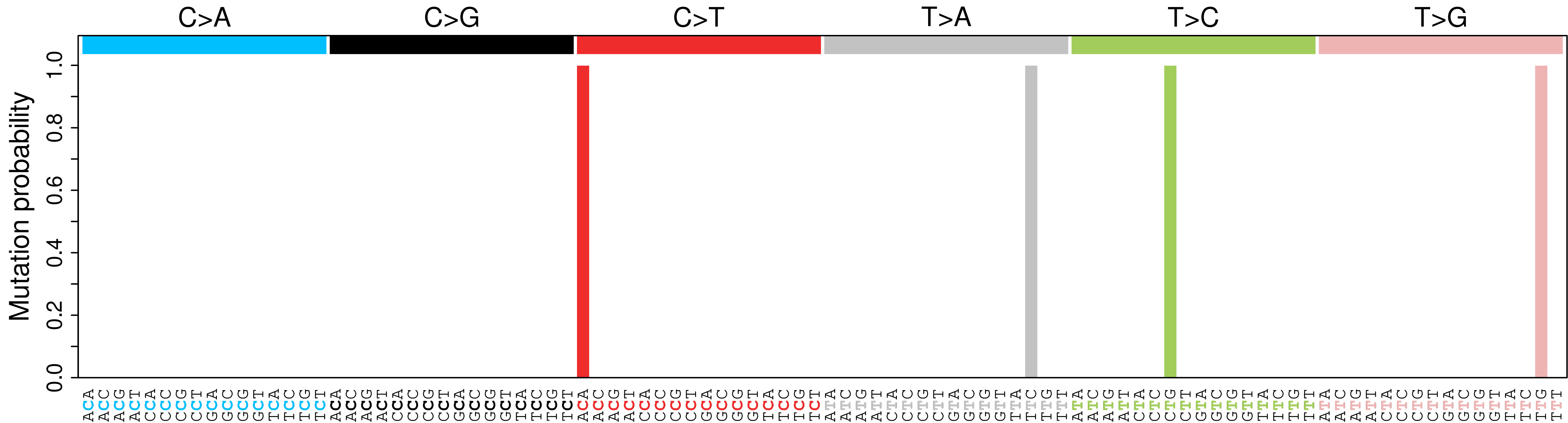
CATD0550a (3 mutations)



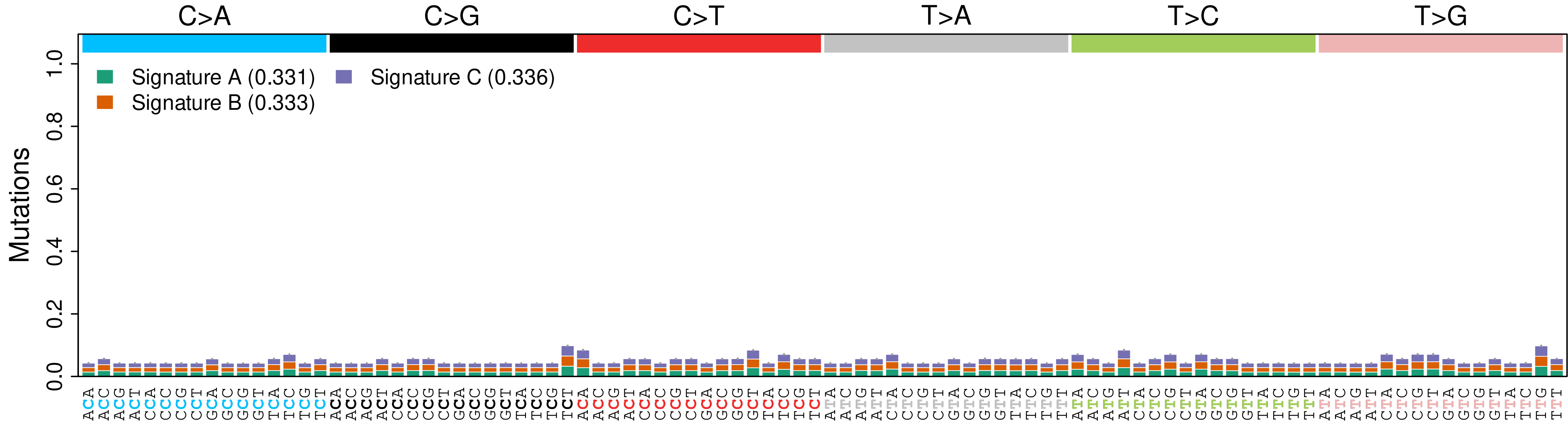
Reconstructed spectrum (cosine similarity = 0.168)



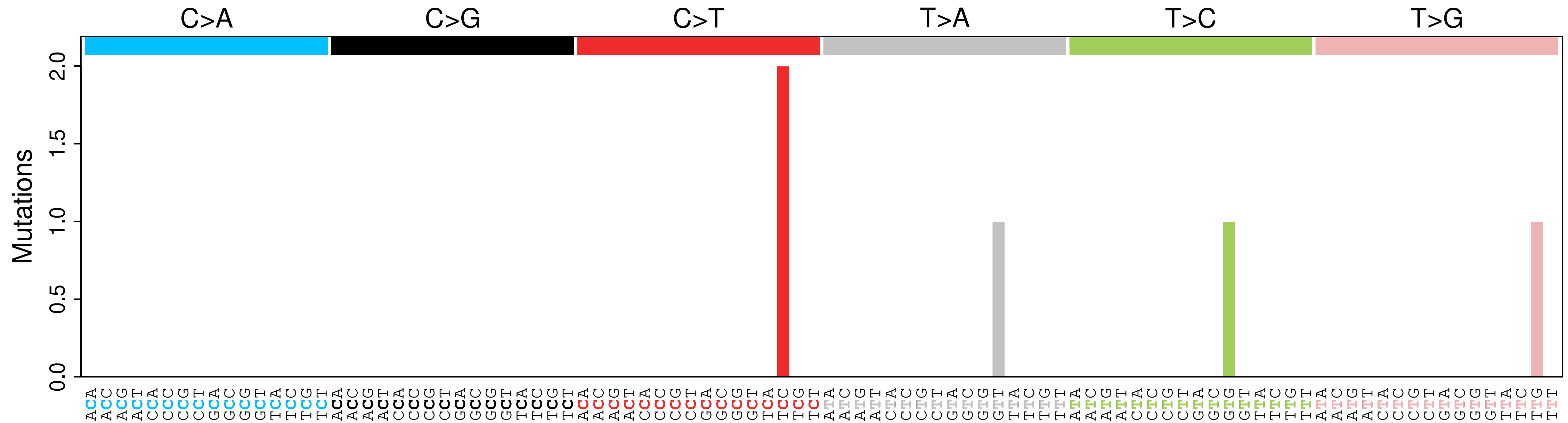
CATD334a



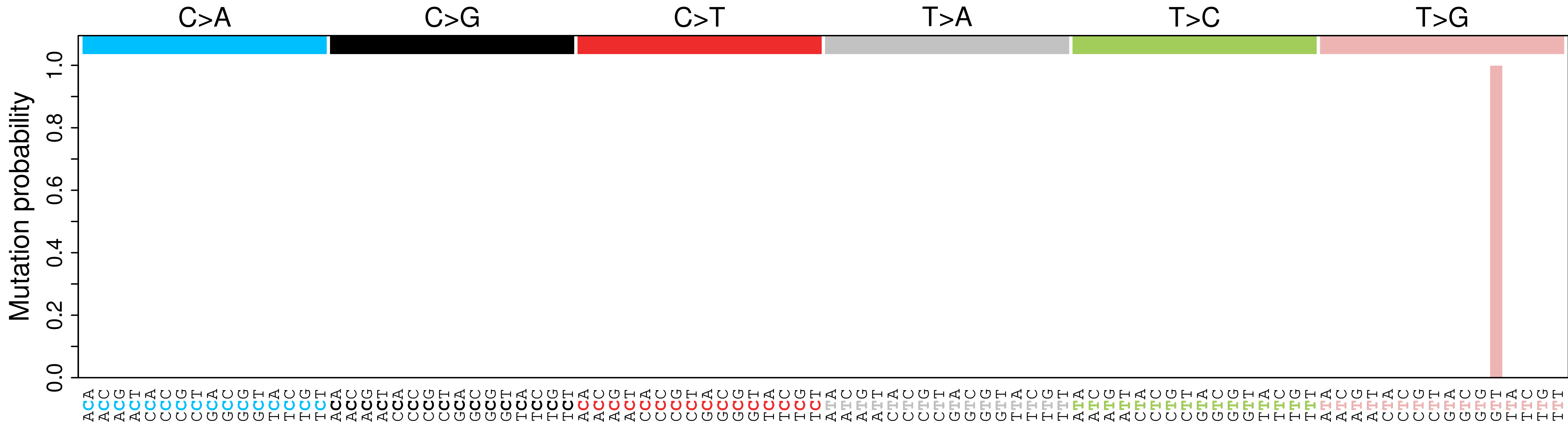
Reconstructed spectrum (cosine similarity = 0.294)



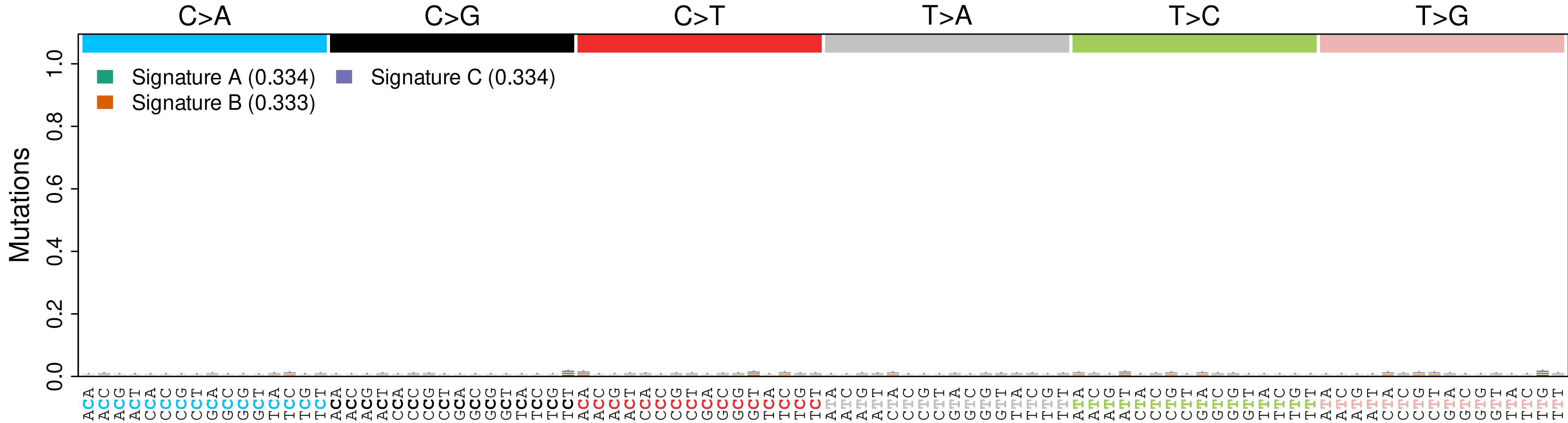
CATD0557a (5 mutations)



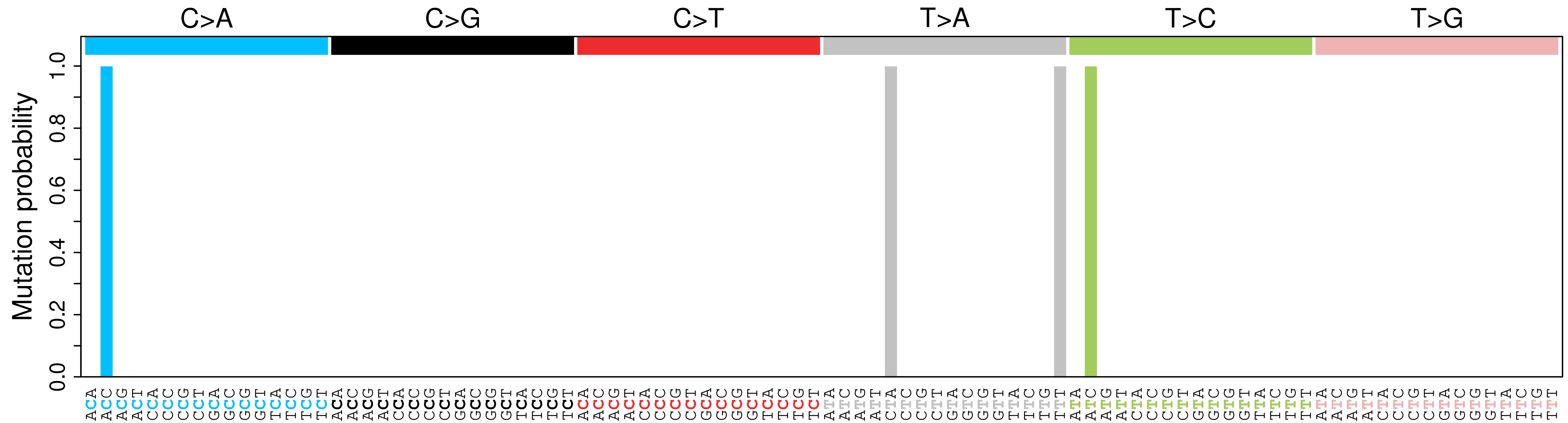
CATD344a



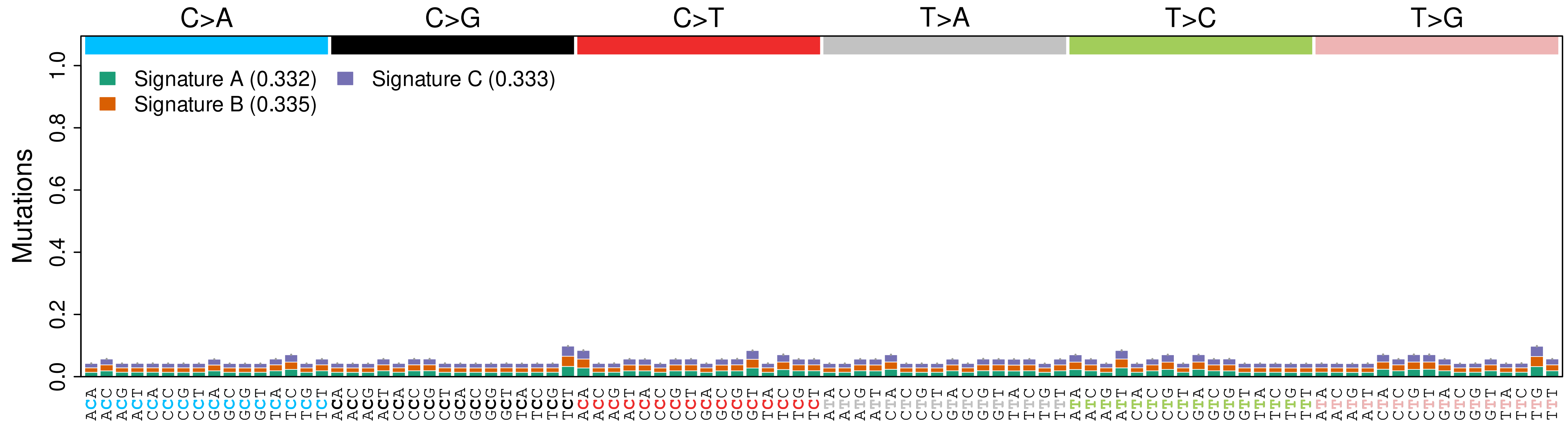
Reconstructed spectrum (cosine similarity = 0.107)



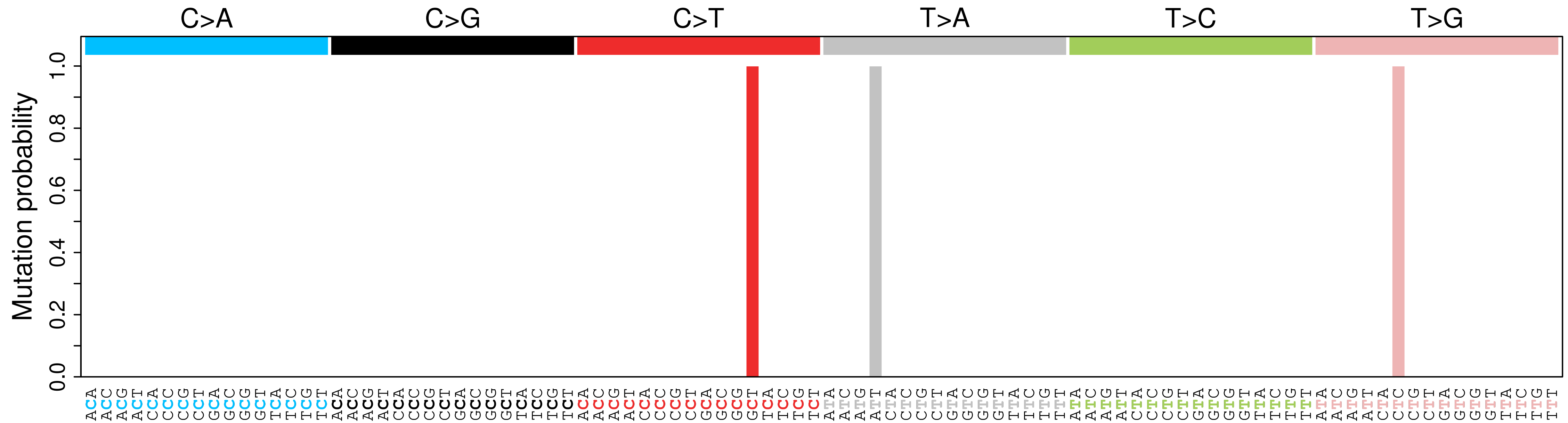
CATD0545a



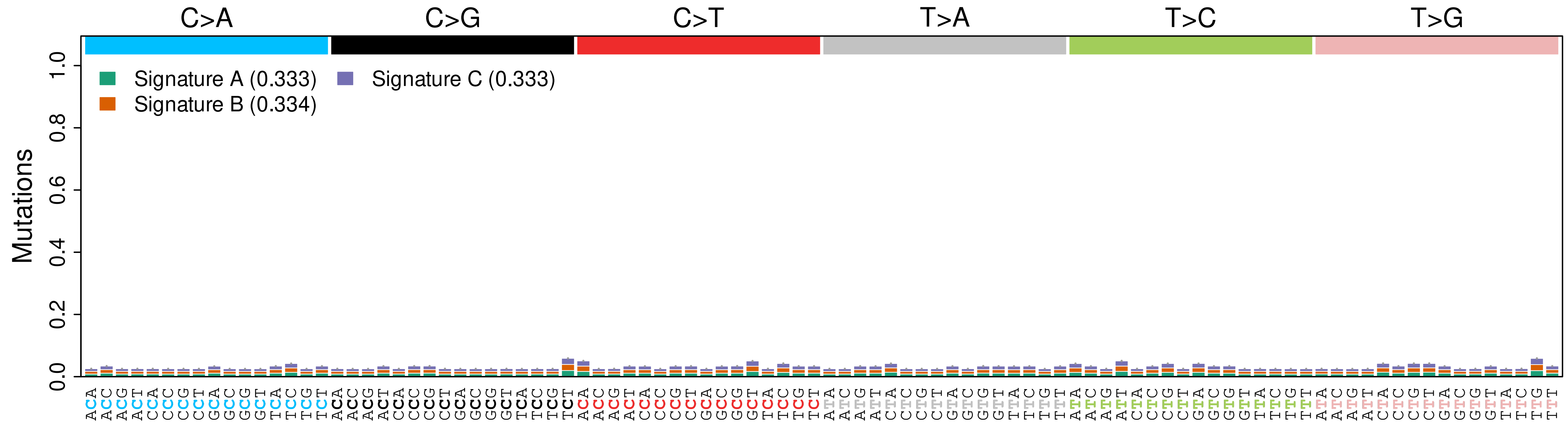
Reconstructed spectrum (cosine similarity = 0.228)



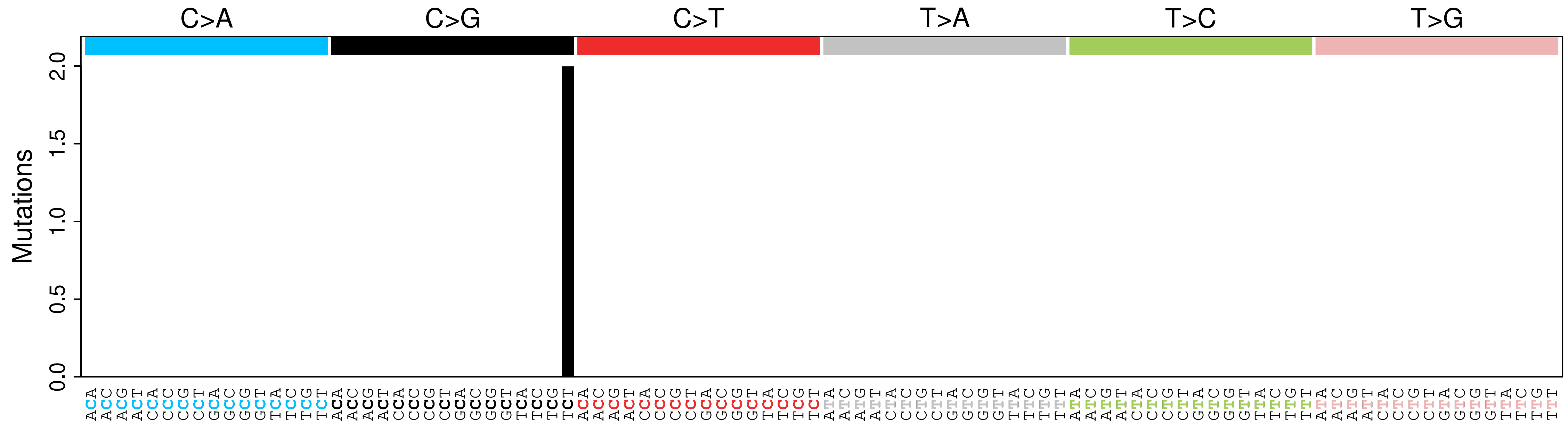
CATD0554a



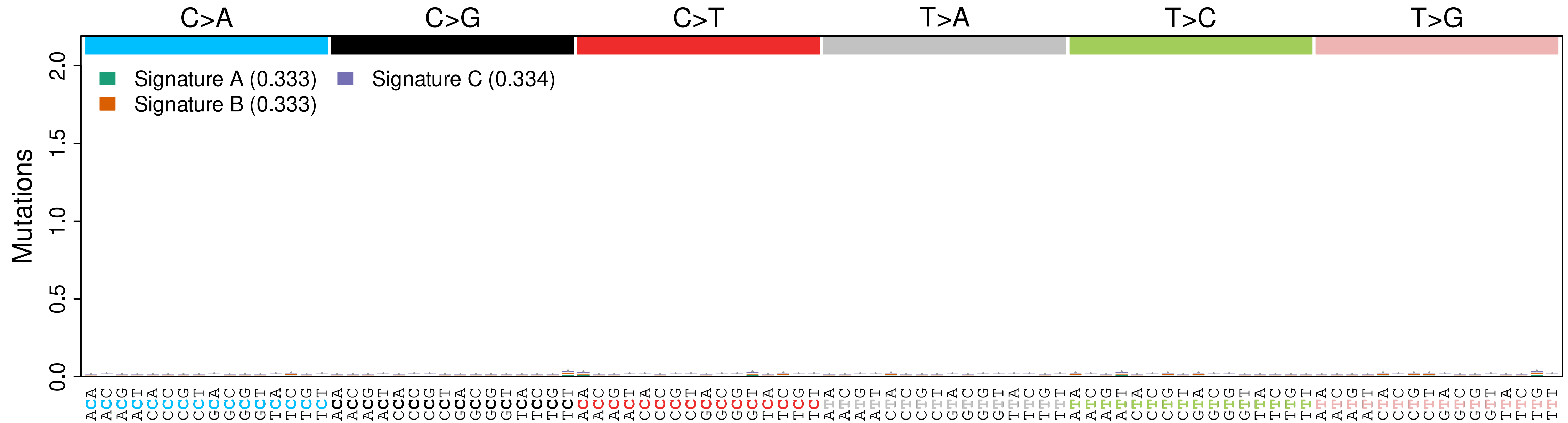
Reconstructed spectrum (cosine similarity = 0.216)



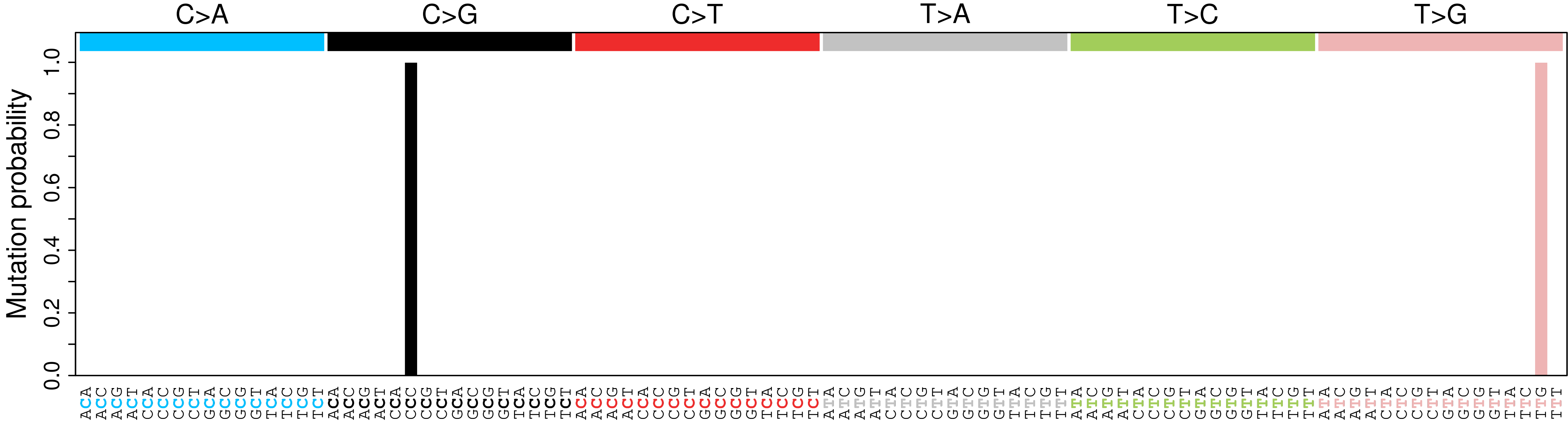
CATD0541a (2 mutations)



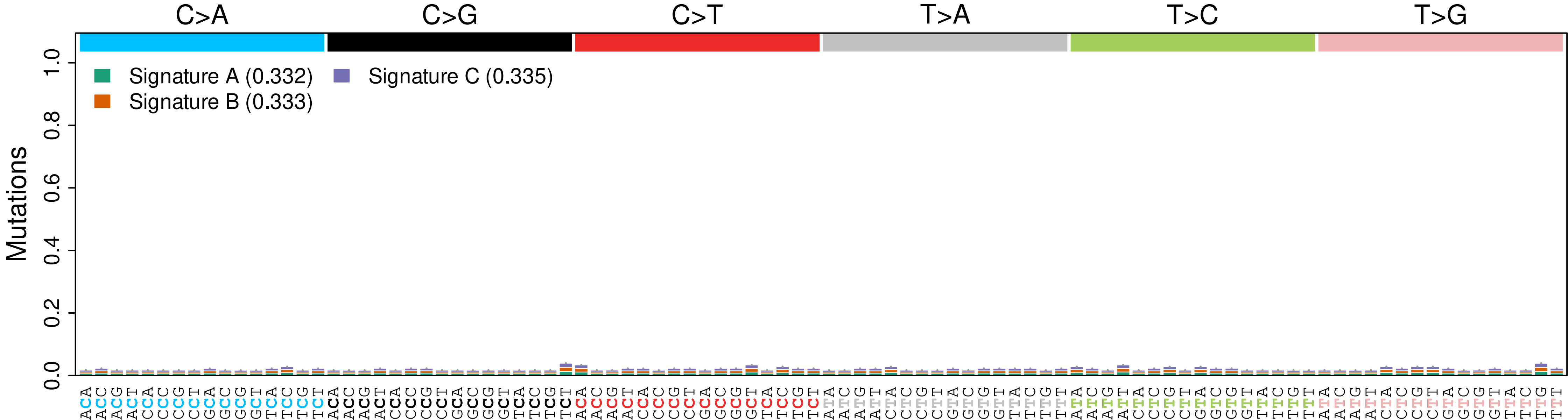
Reconstructed spectrum (cosine similarity = 0.187)



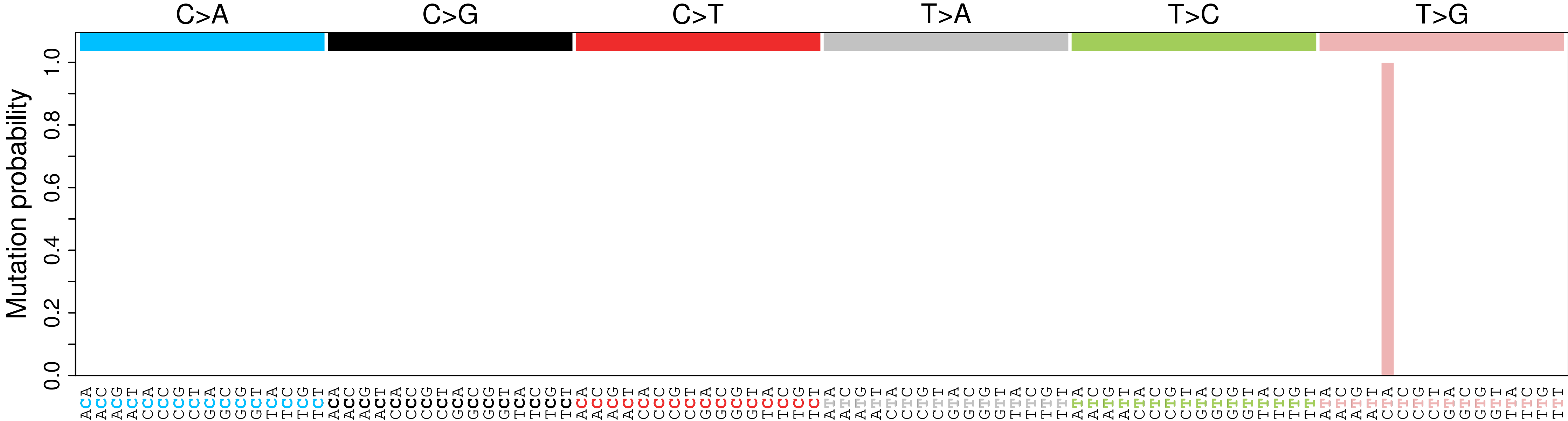
CATD0556a



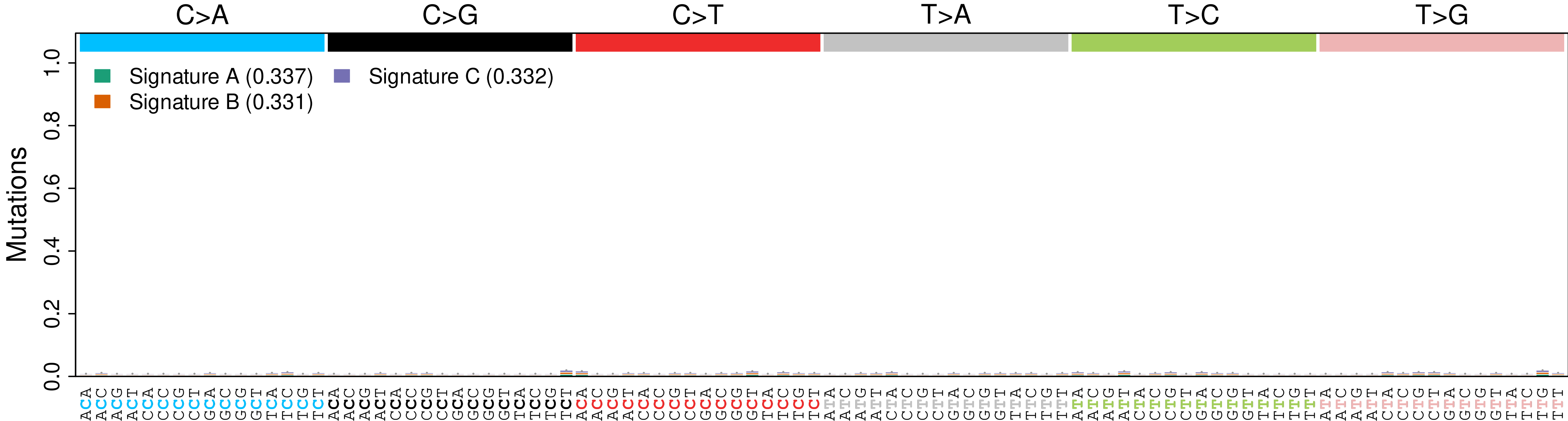
Reconstructed spectrum (cosine similarity = 0.208)



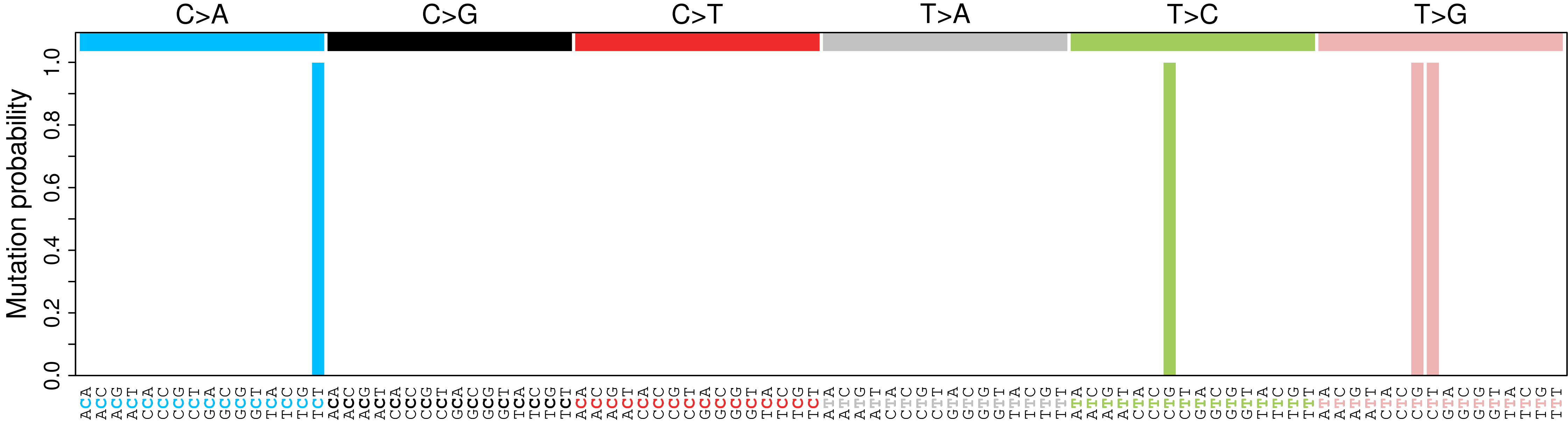
CATD335a



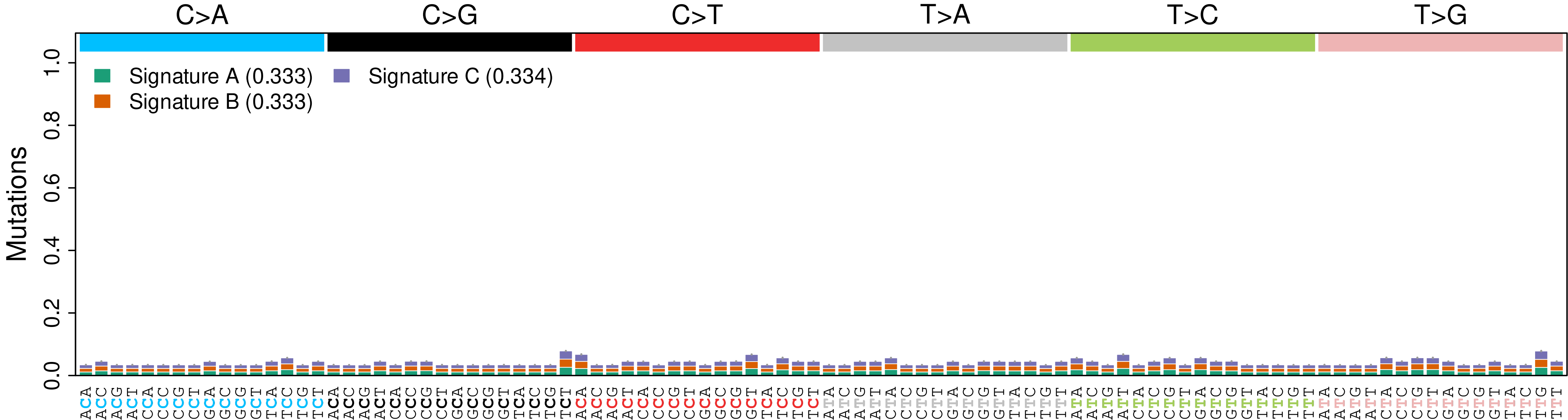
Reconstructed spectrum (cosine similarity = 0.135)



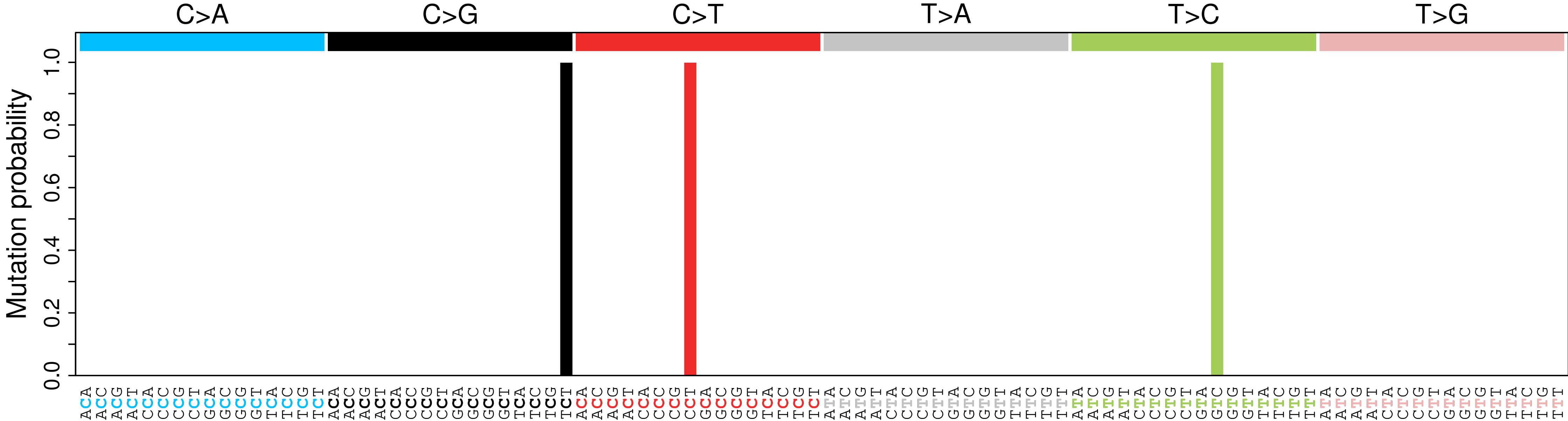
CATD0546a



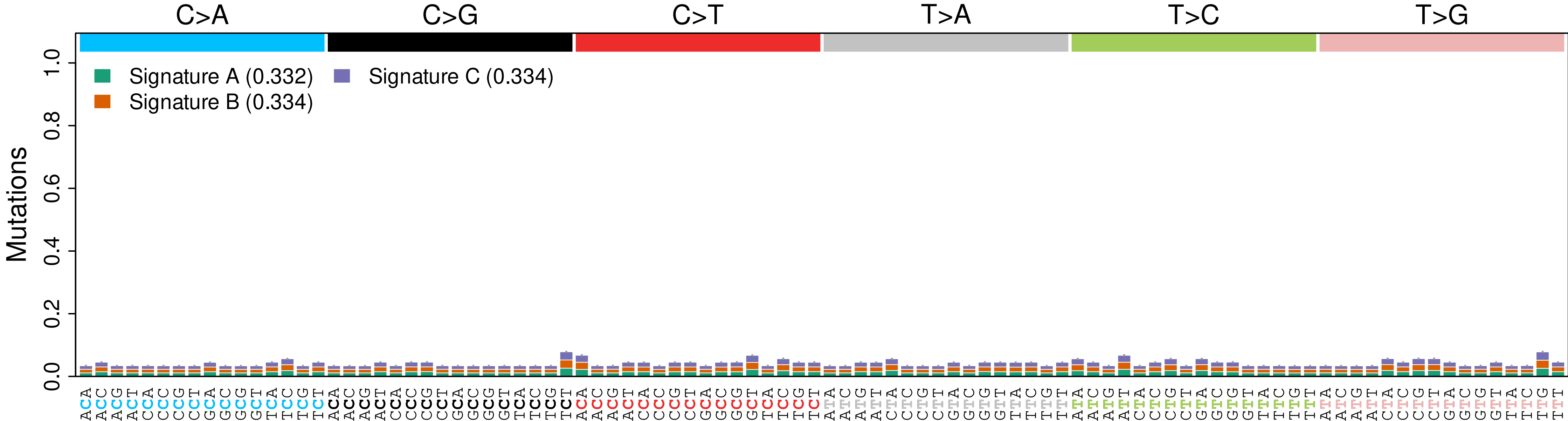
Reconstructed spectrum (cosine similarity = 0.255)



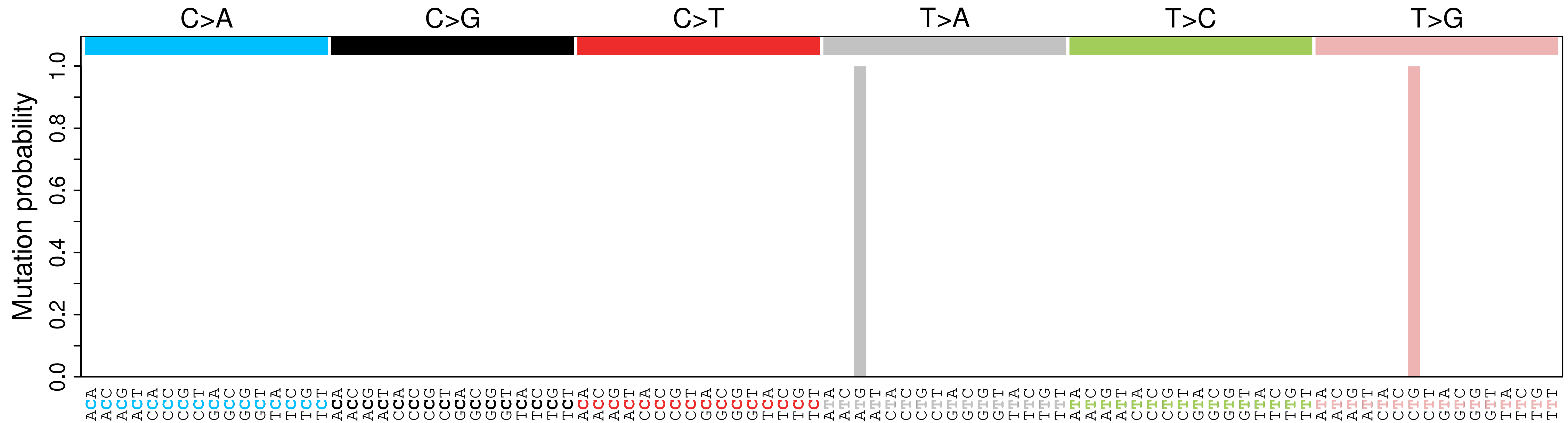
CATD0542a



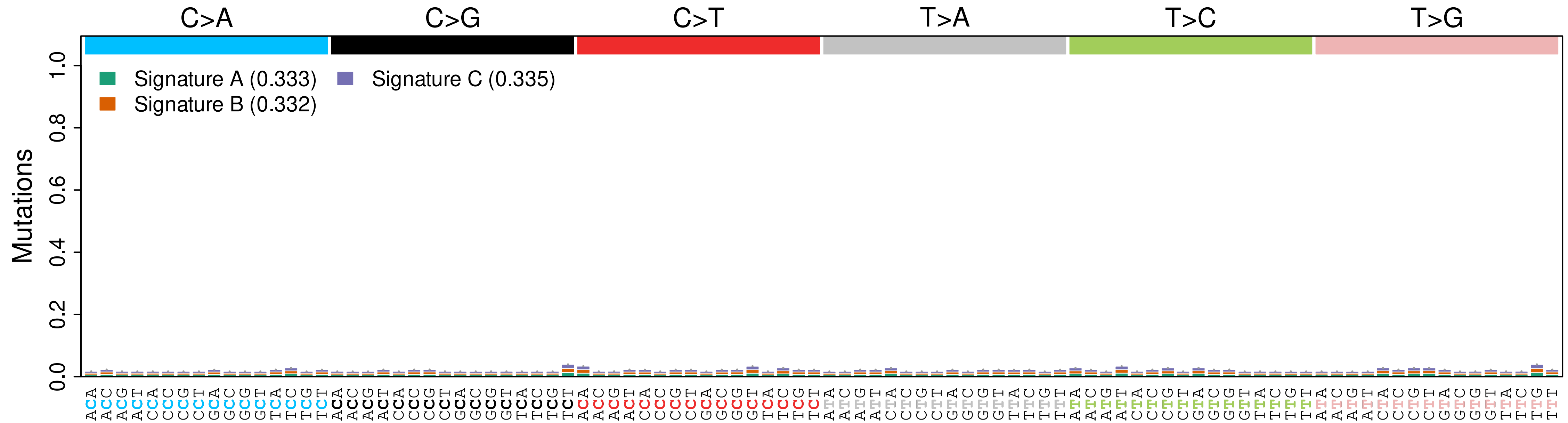
Reconstructed spectrum (cosine similarity = 0.232)



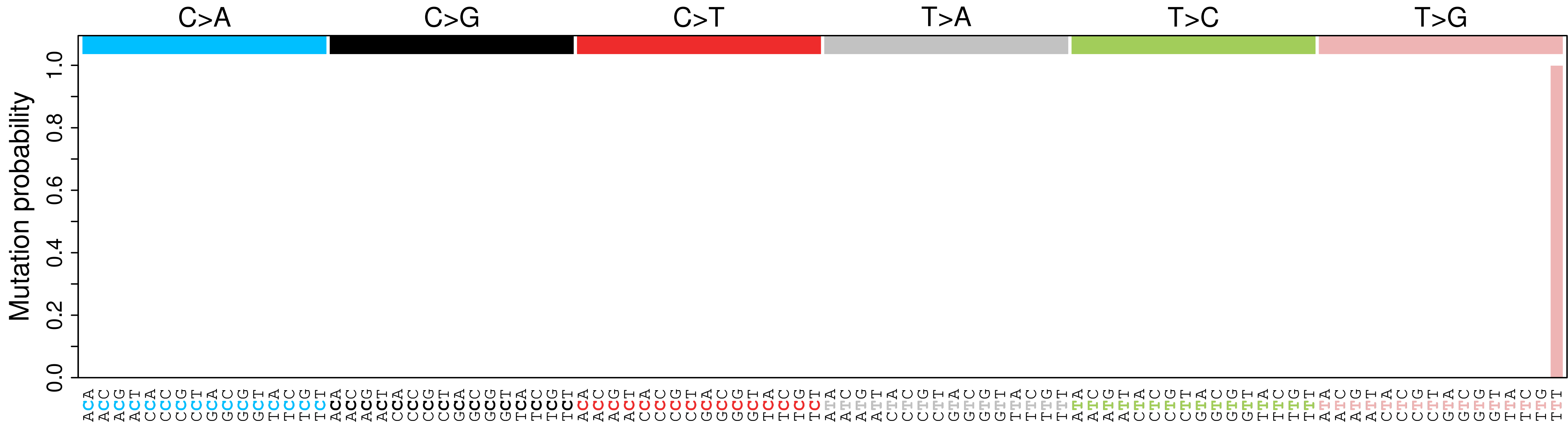
CATD338a



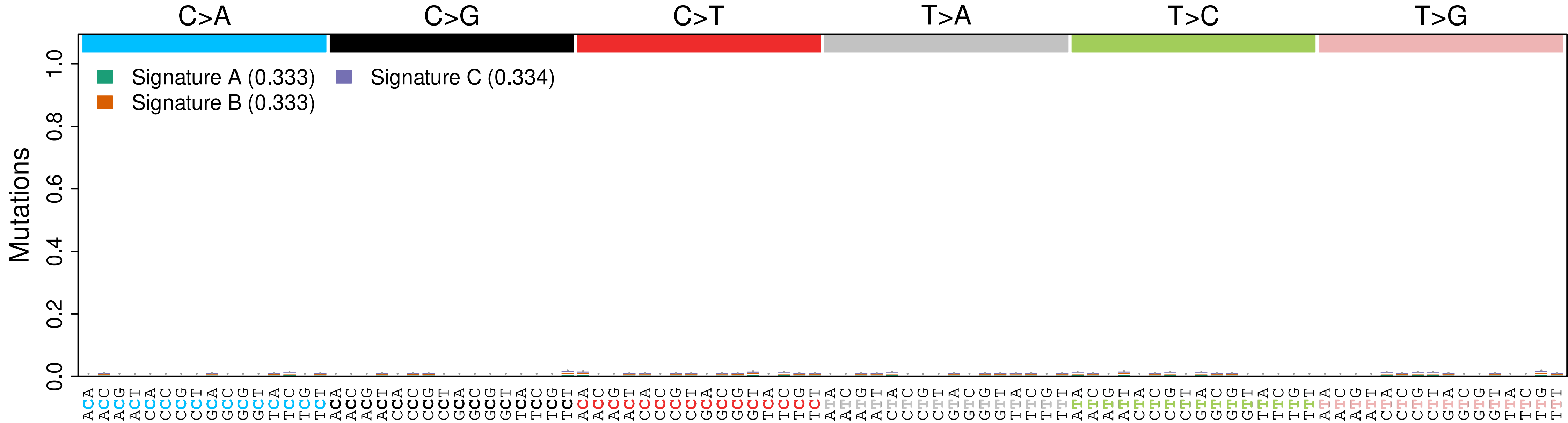
Reconstructed spectrum (cosine similarity = 0.171)



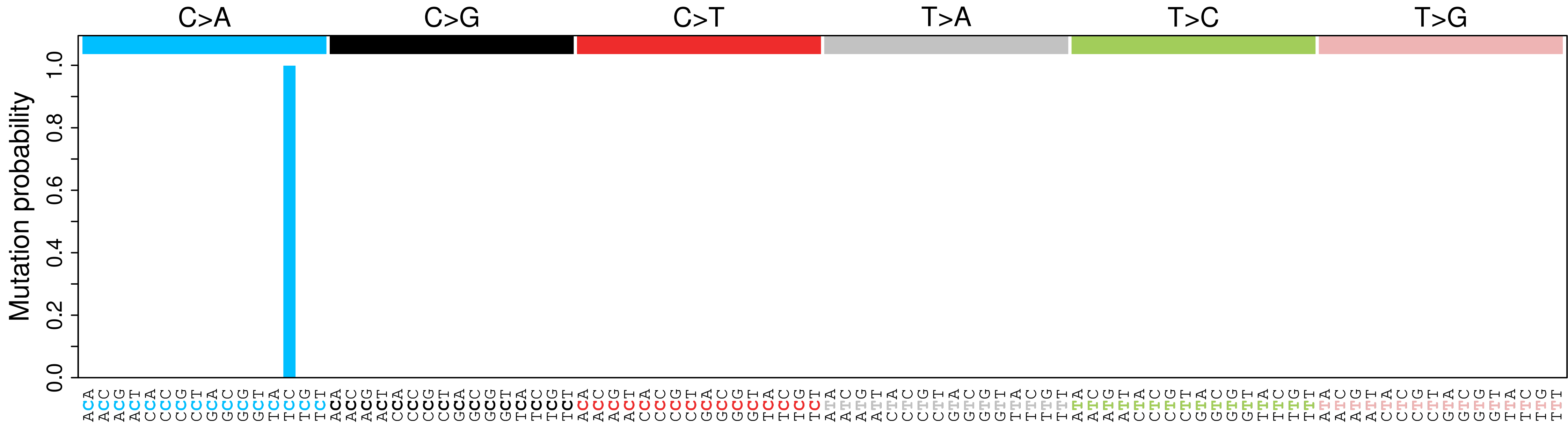
CATD332a



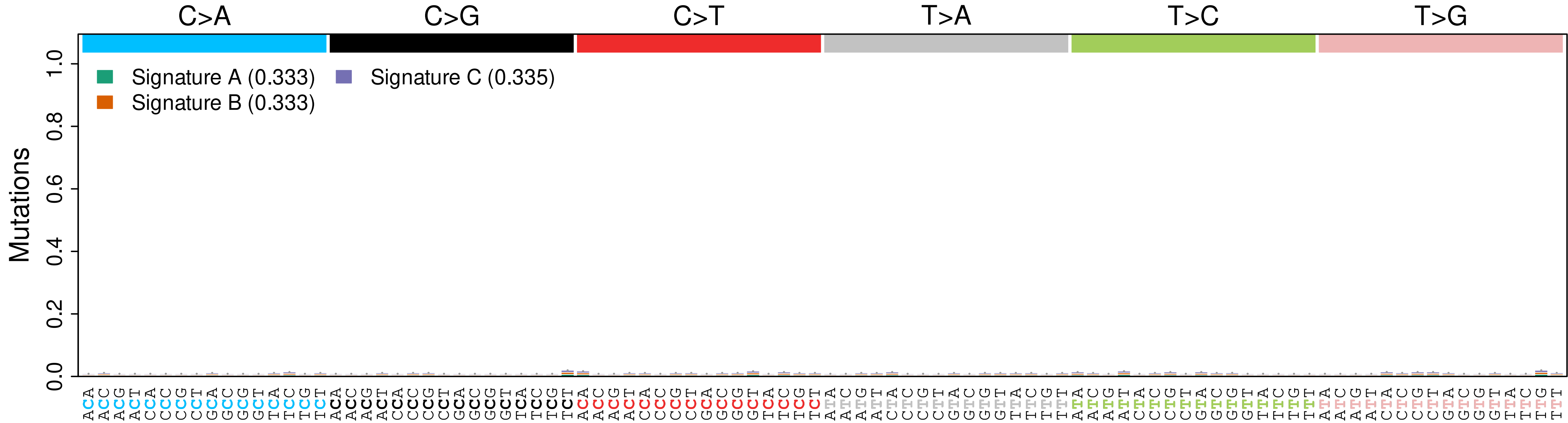
Reconstructed spectrum (cosine similarity = 0.108)



CATD339a



Reconstructed spectrum (cosine similarity = 0.134)



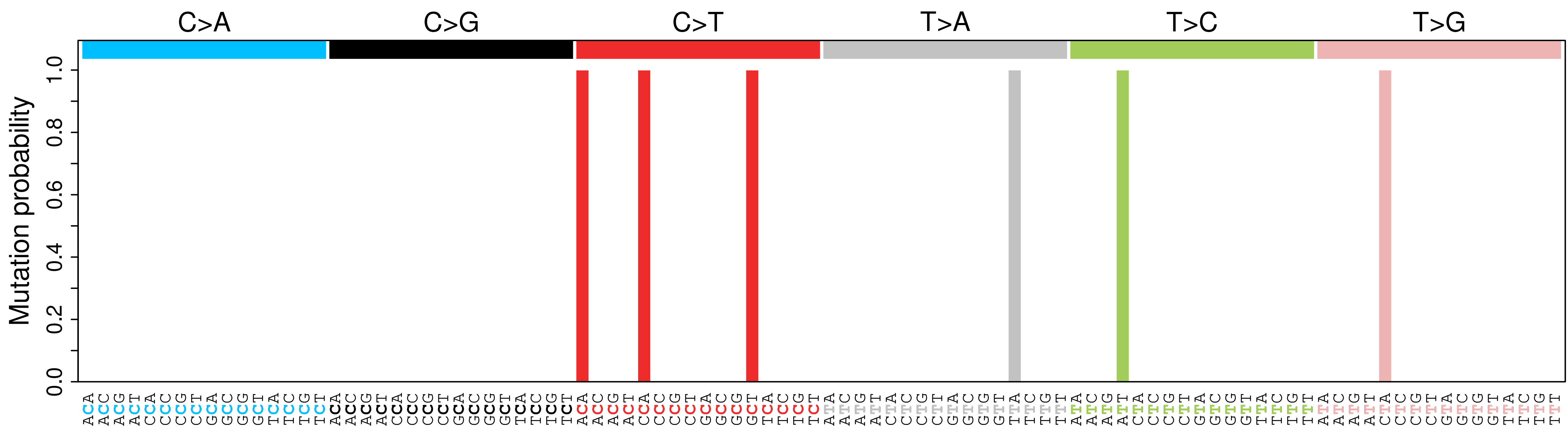
CATD0555a



Reconstructed spectrum (cosine similarity = 0.186)



CATD345a



Reconstructed spectrum (cosine similarity = 0.338)

