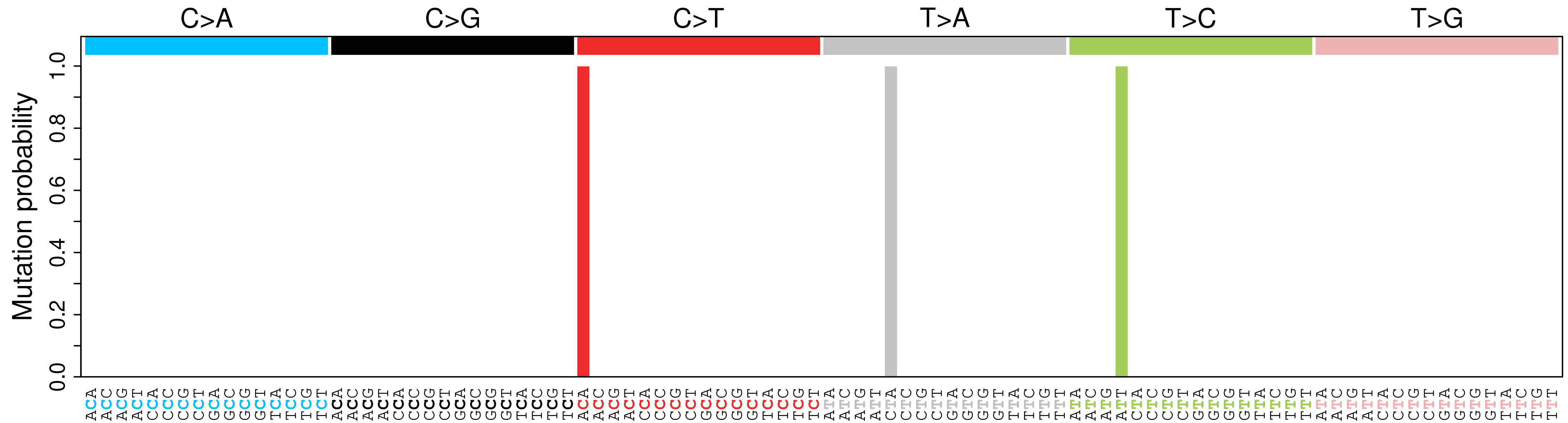
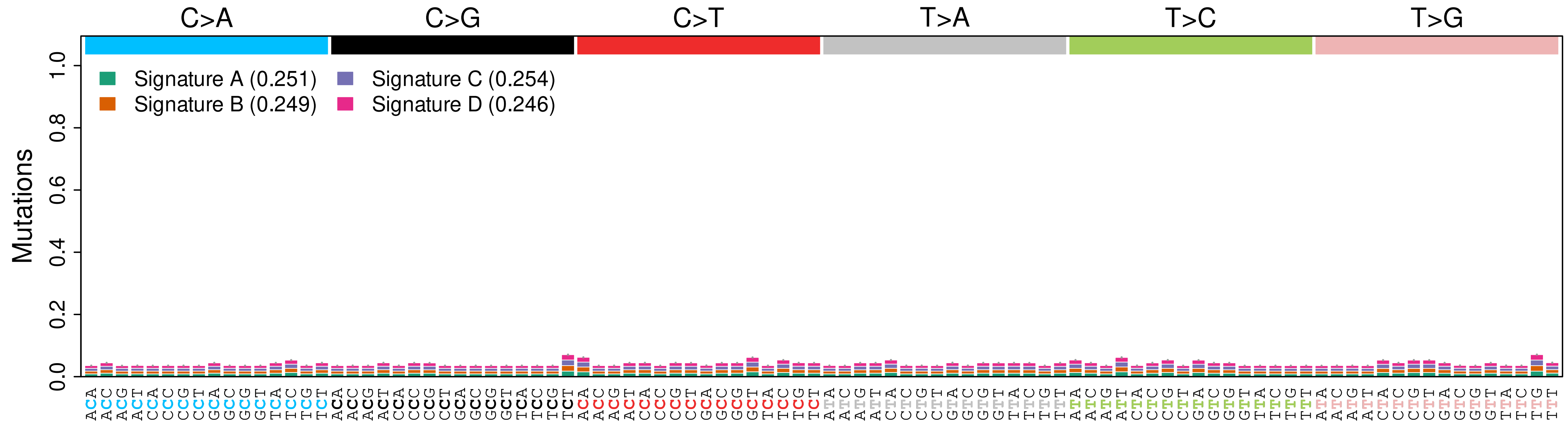


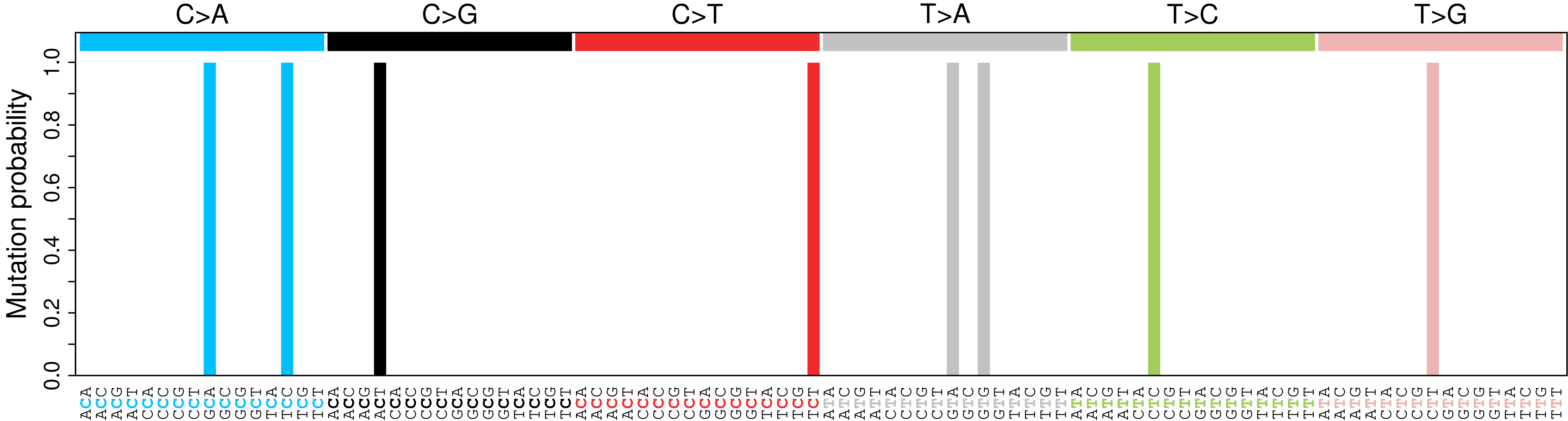
CATD343a



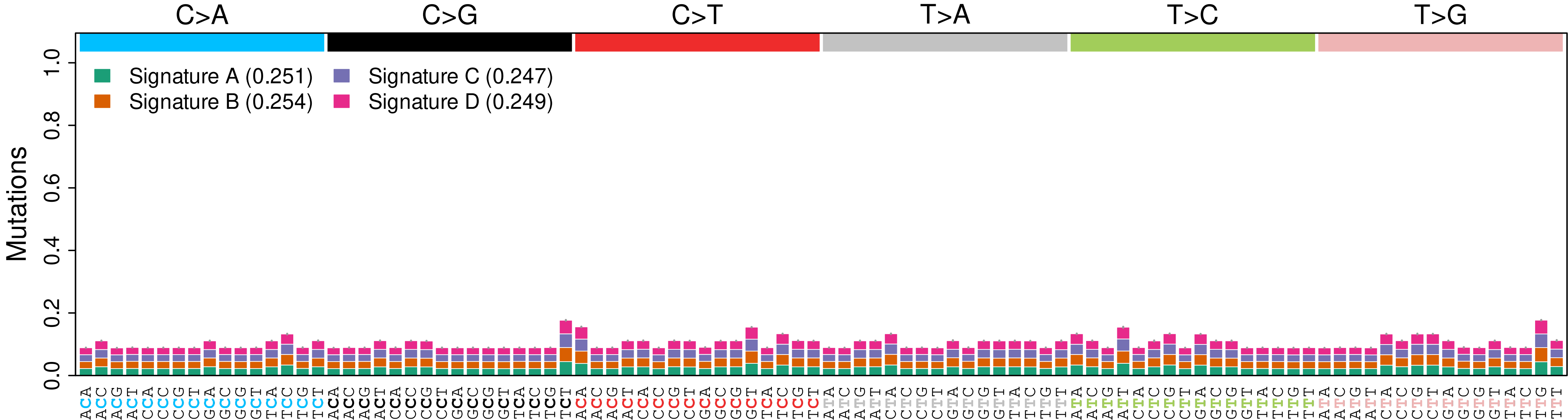
Reconstructed spectrum (cosine similarity = 0.246)

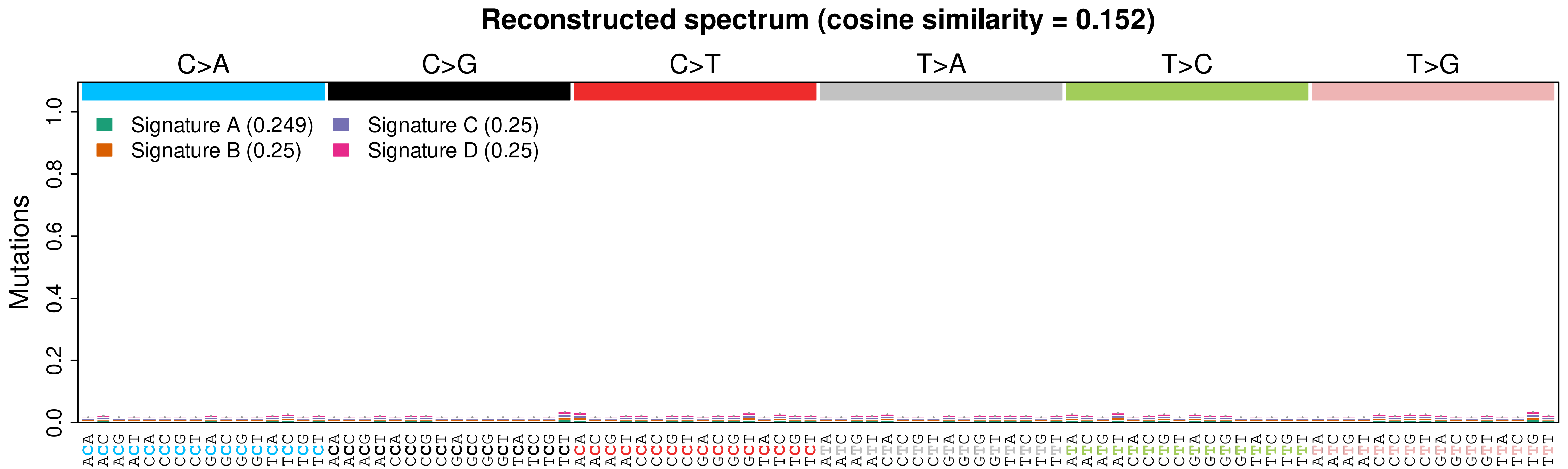
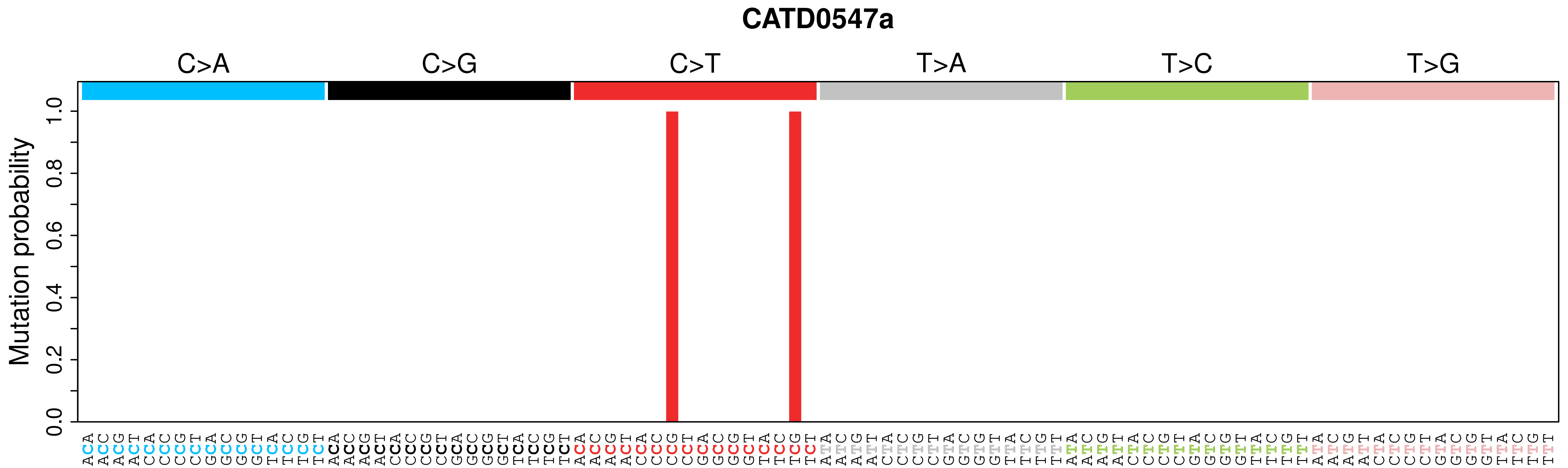


CATD336a

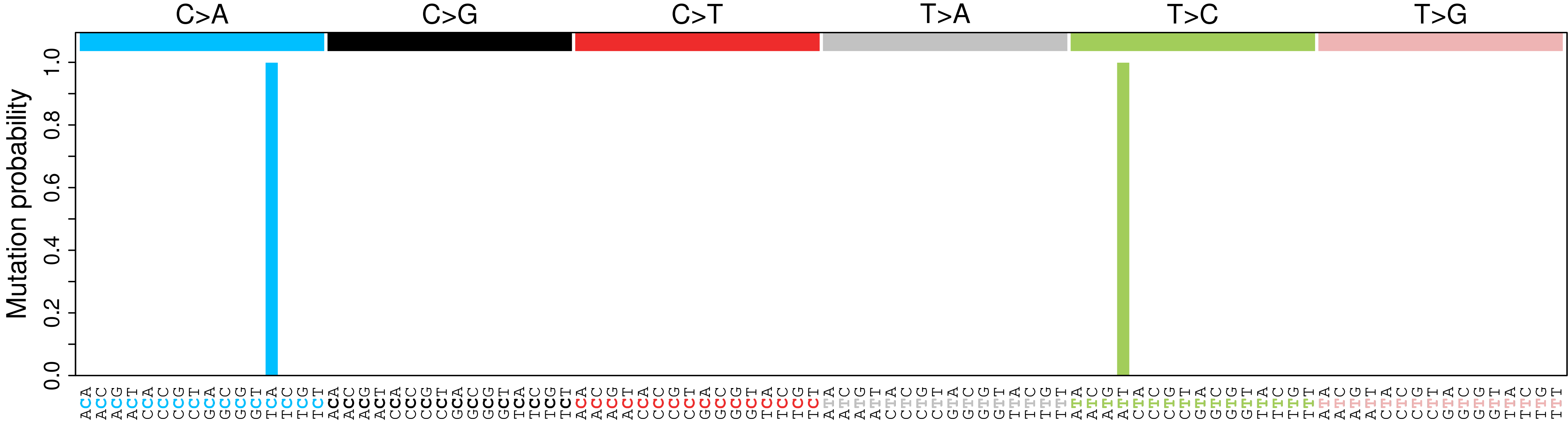


Reconstructed spectrum (cosine similarity = 0.317)

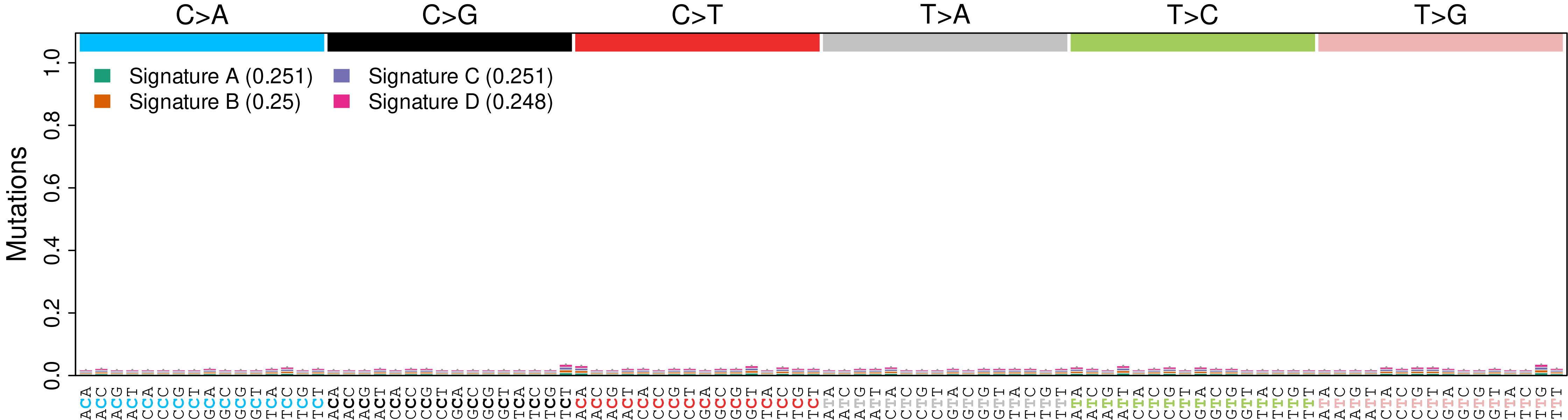




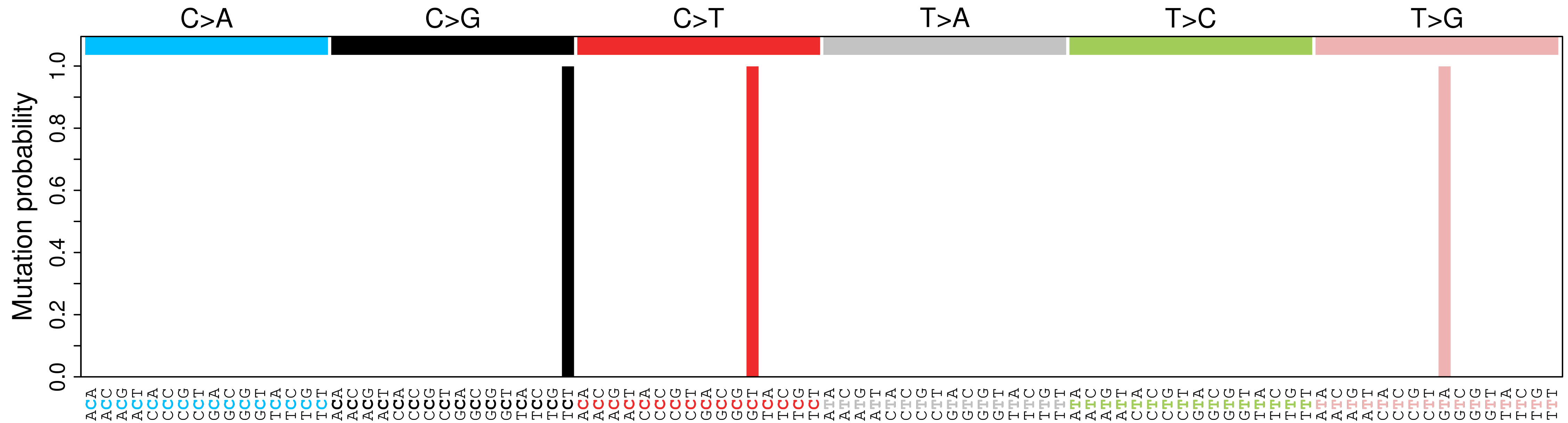
CATD0558a



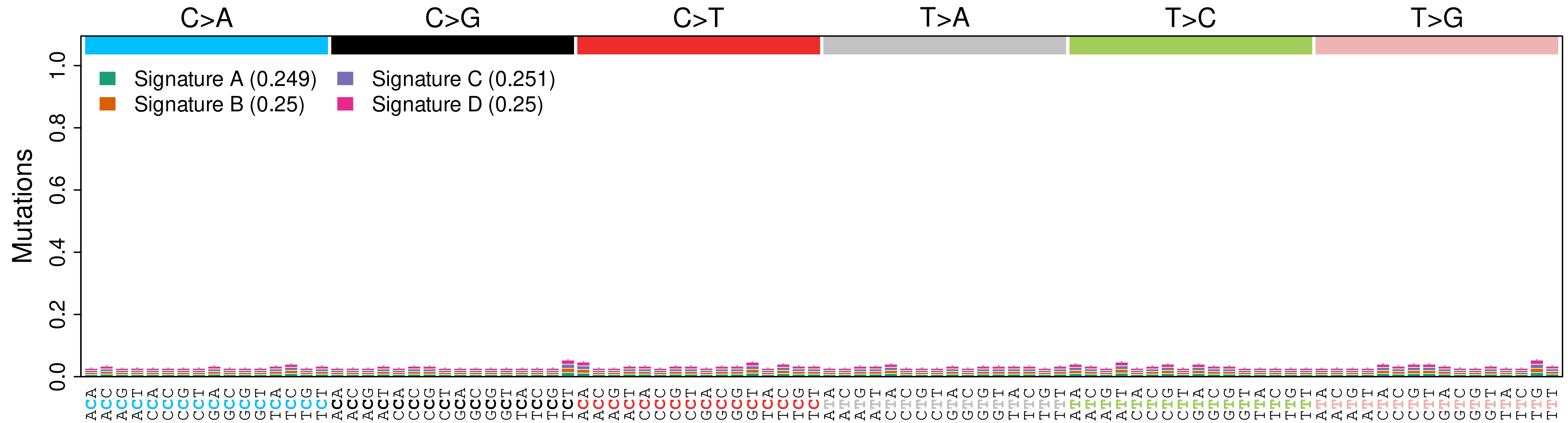
Reconstructed spectrum (cosine similarity = 0.181)



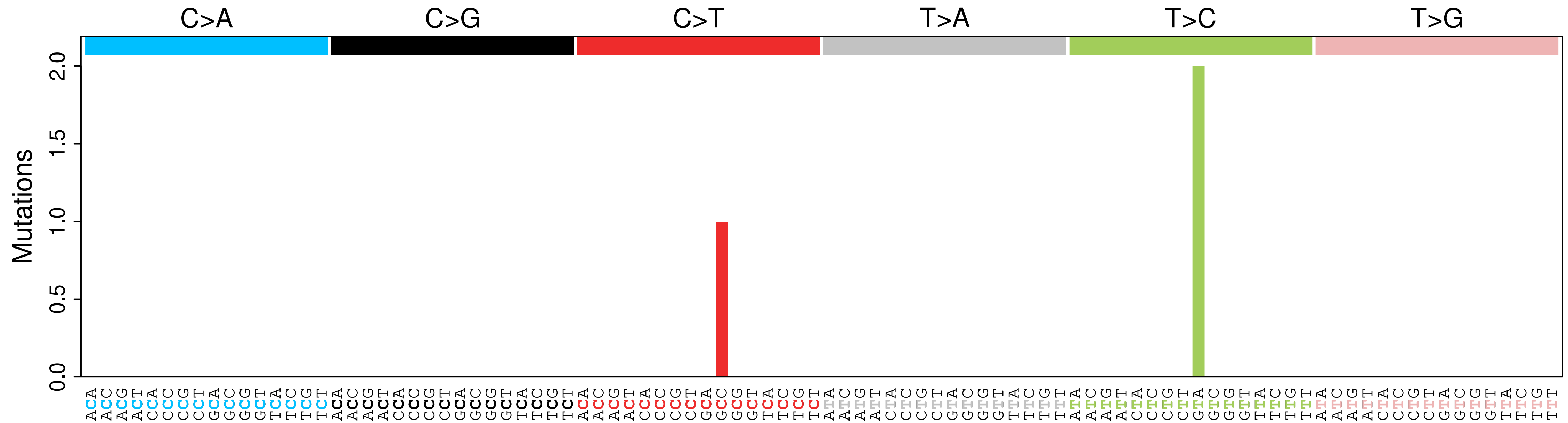
CATD337a



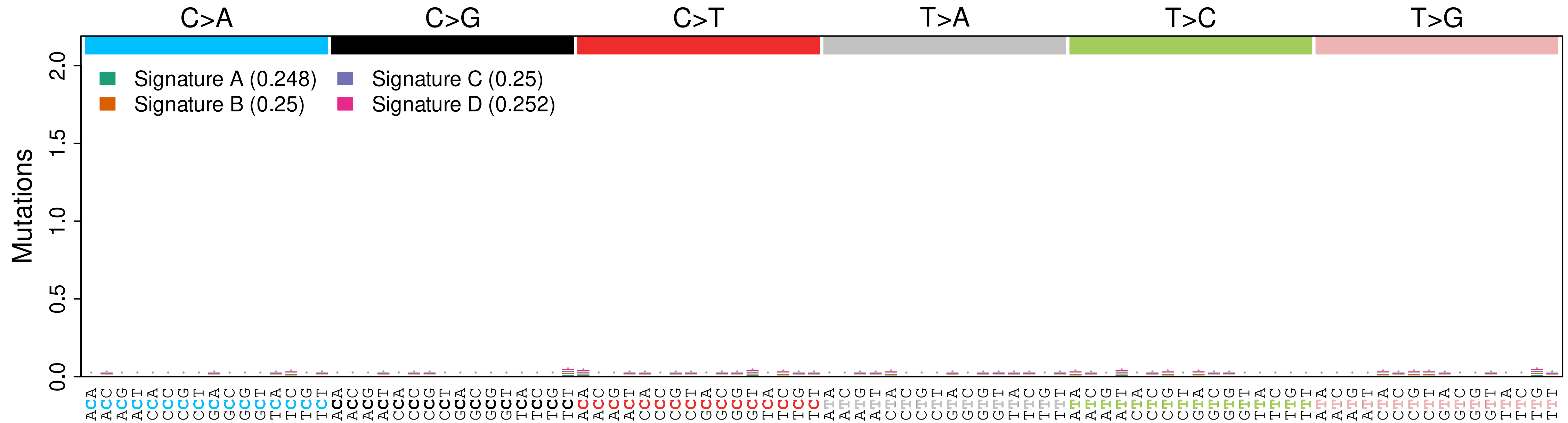
Reconstructed spectrum (cosine similarity = 0.246)



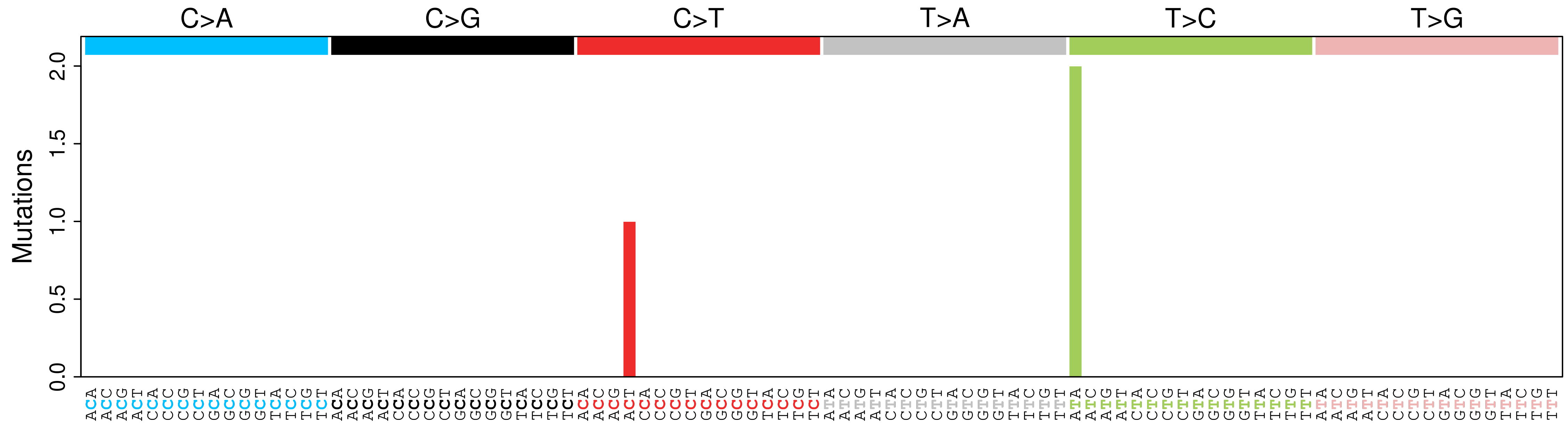
CATD331a (3 mutations)



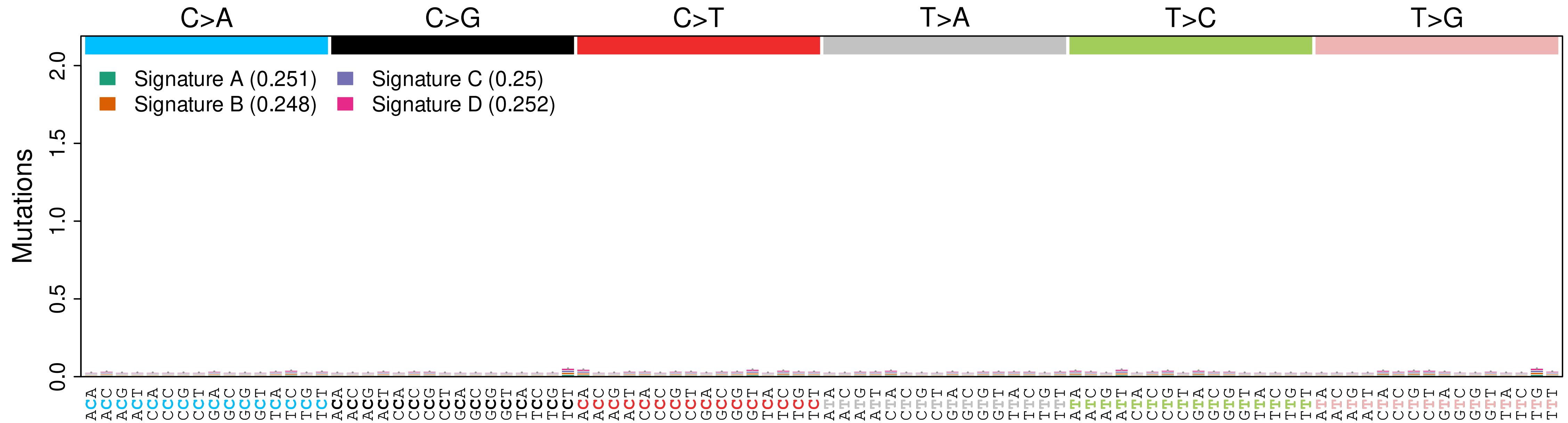
Reconstructed spectrum (cosine similarity = 0.162)



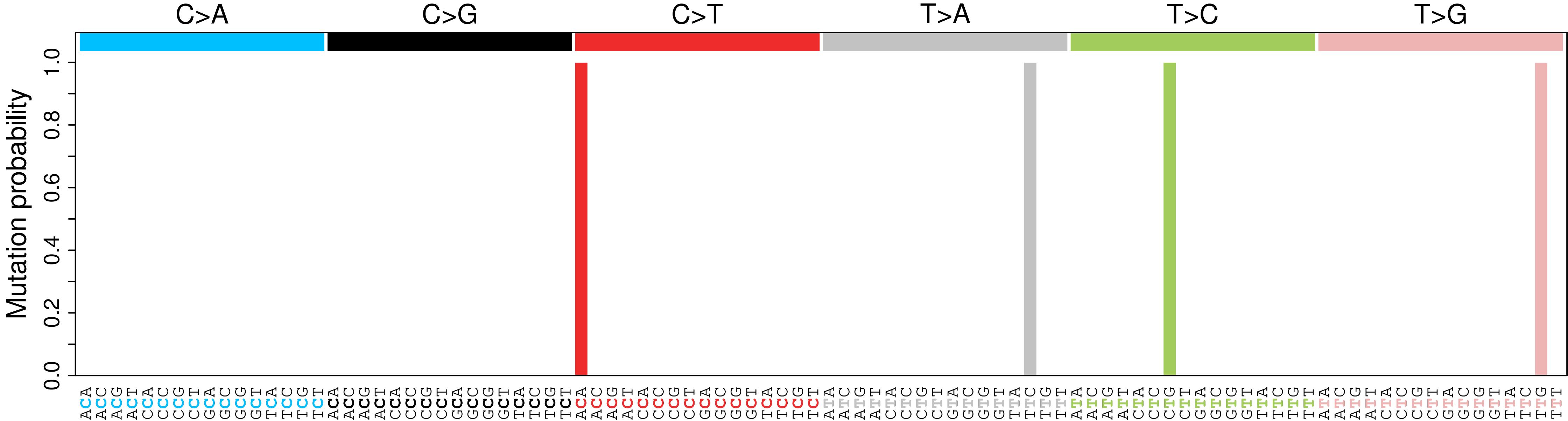
CATD0550a (3 mutations)



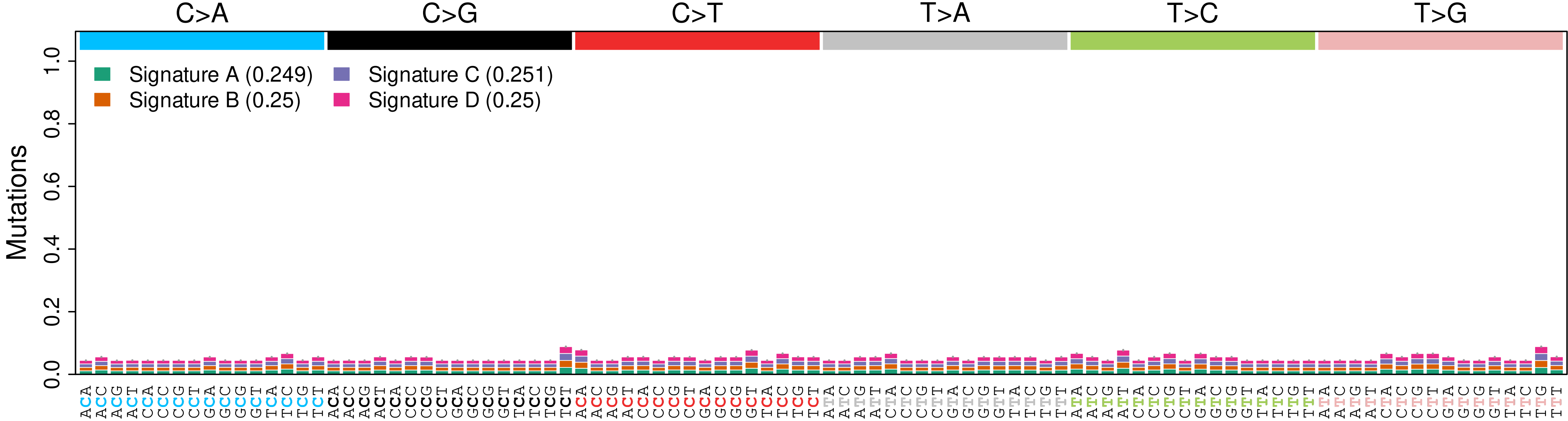
Reconstructed spectrum (cosine similarity = 0.163)



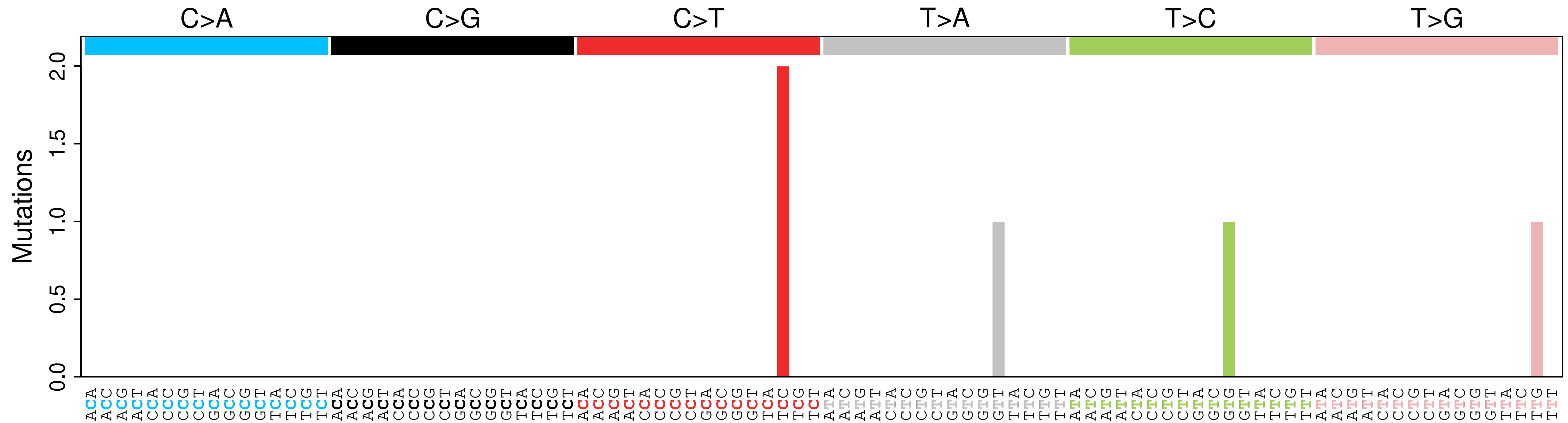
CATD334a



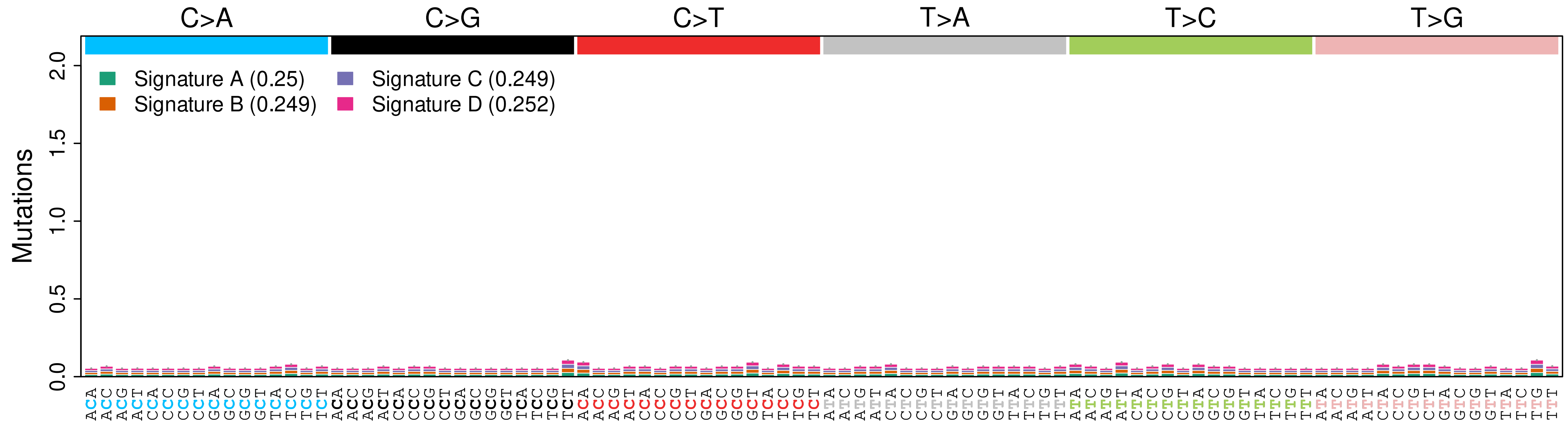
Reconstructed spectrum (cosine similarity = 0.277)



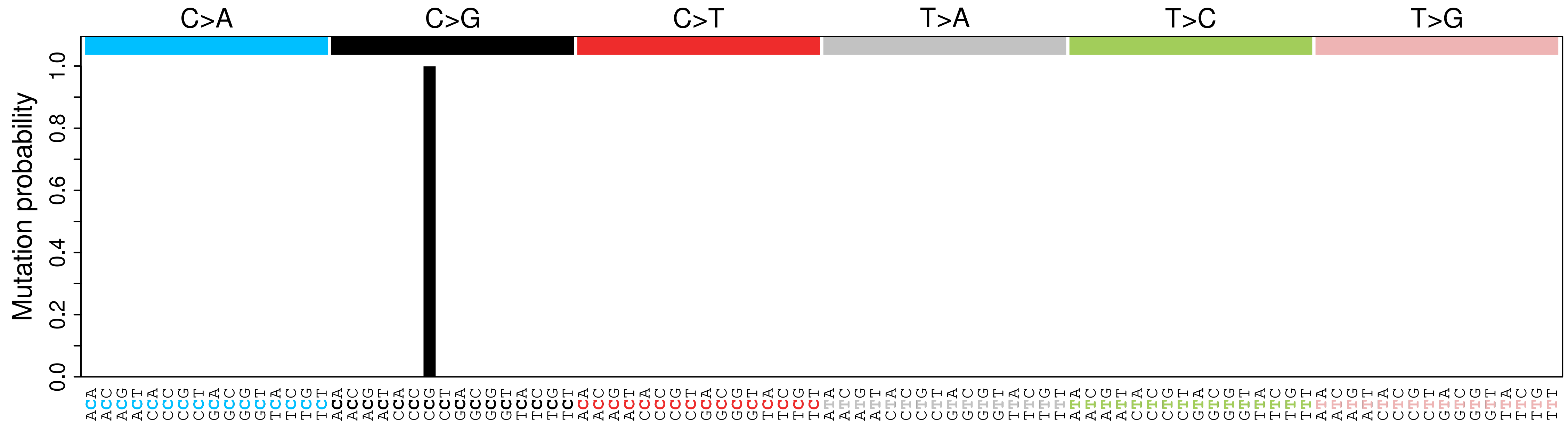
CATD0557a (5 mutations)



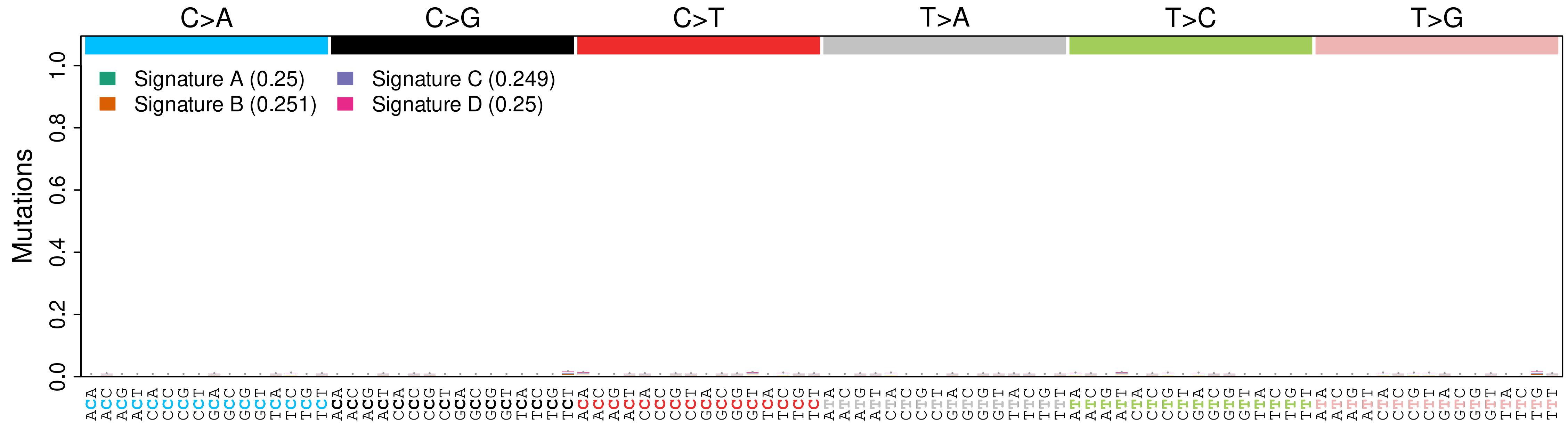
Reconstructed spectrum (cosine similarity = 0.242)



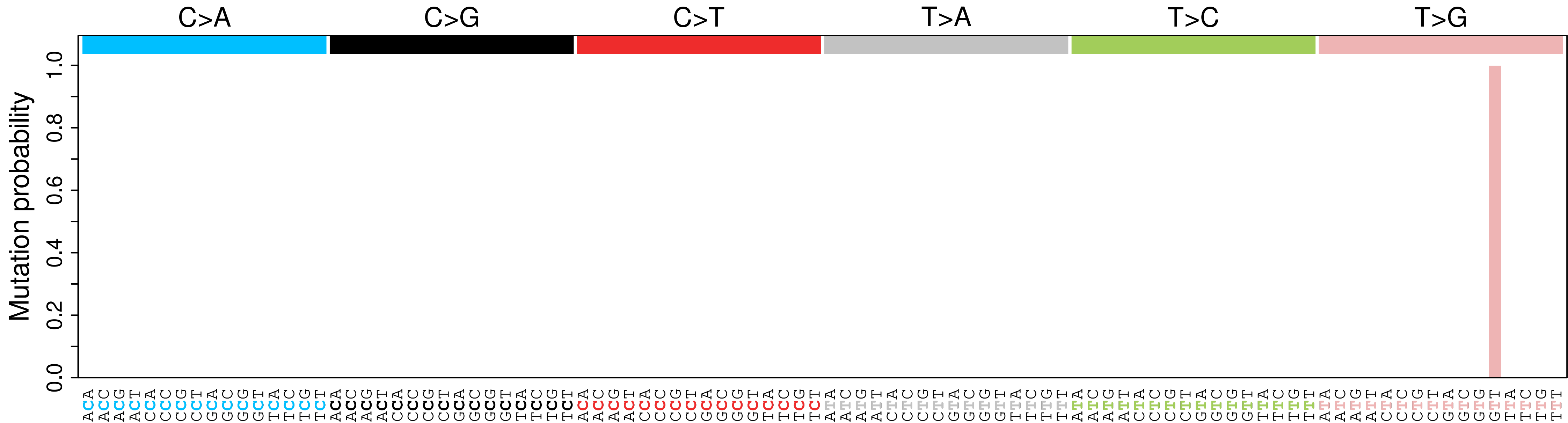
CATD0540a



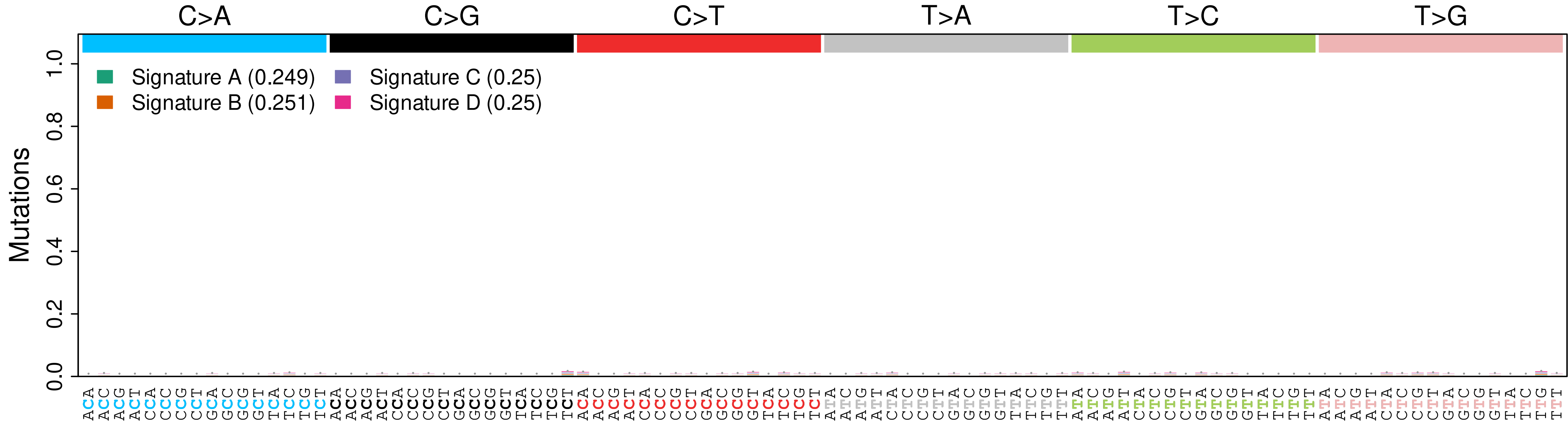
Reconstructed spectrum (cosine similarity = 0.106)



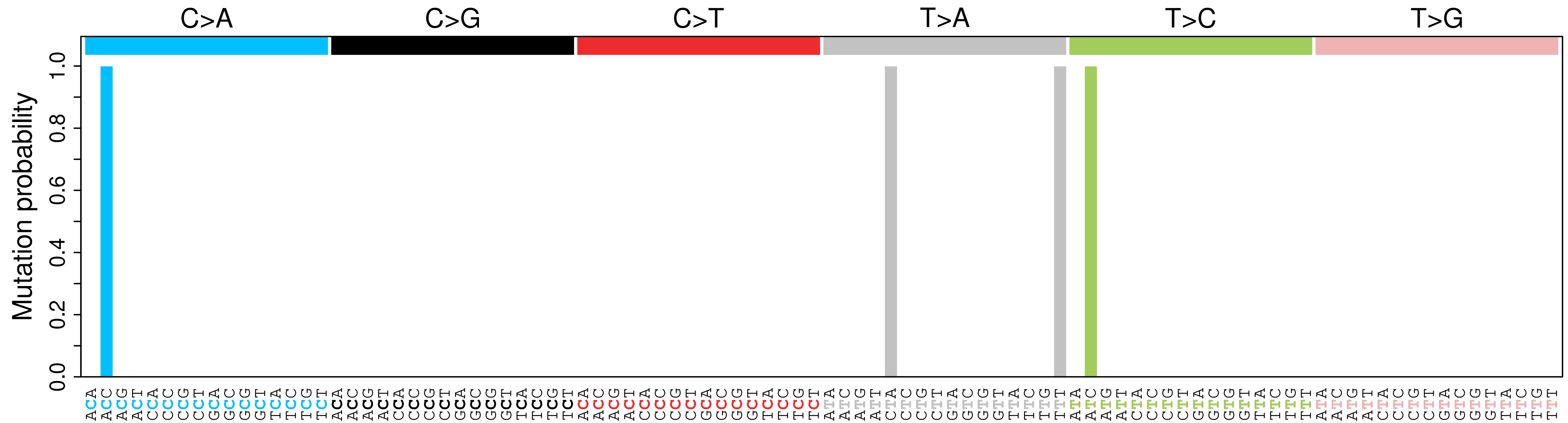
CATD344a



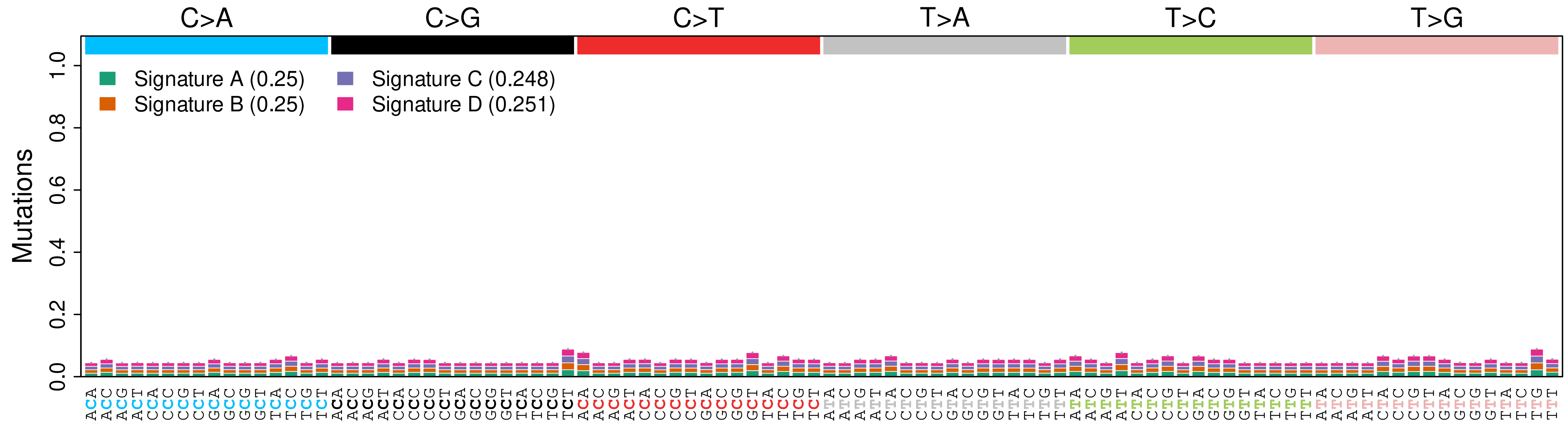
Reconstructed spectrum (cosine similarity = 0.107)



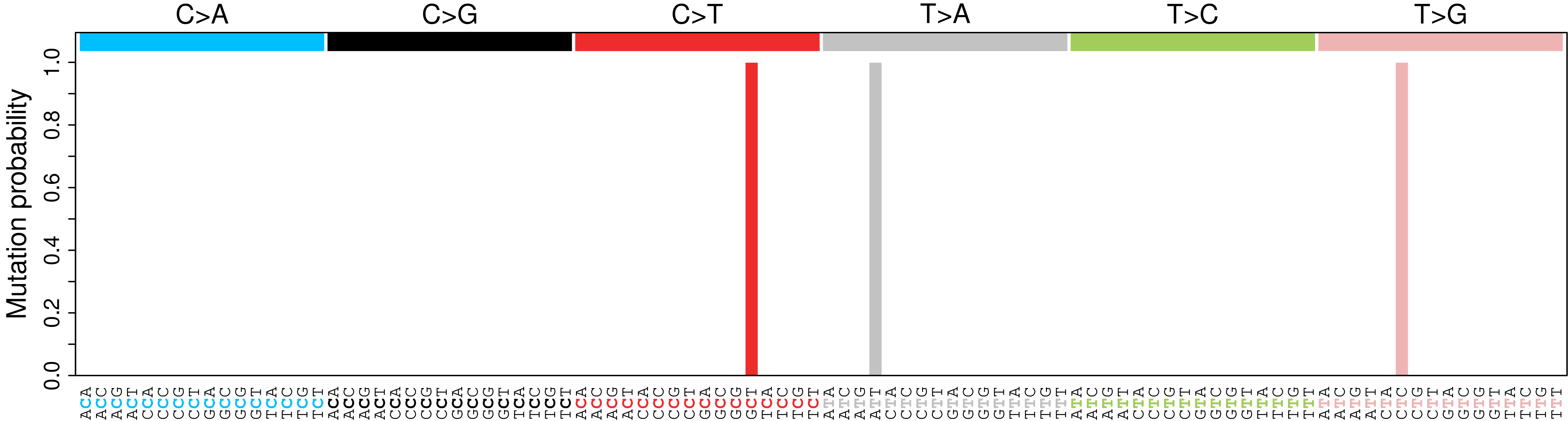
CATD0545a



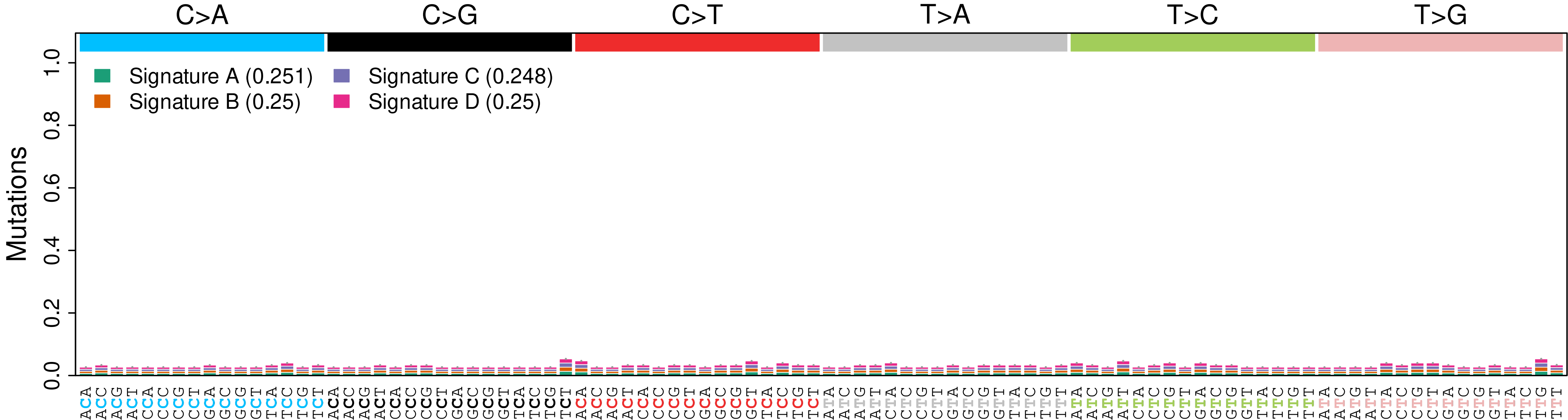
Reconstructed spectrum (cosine similarity = 0.225)



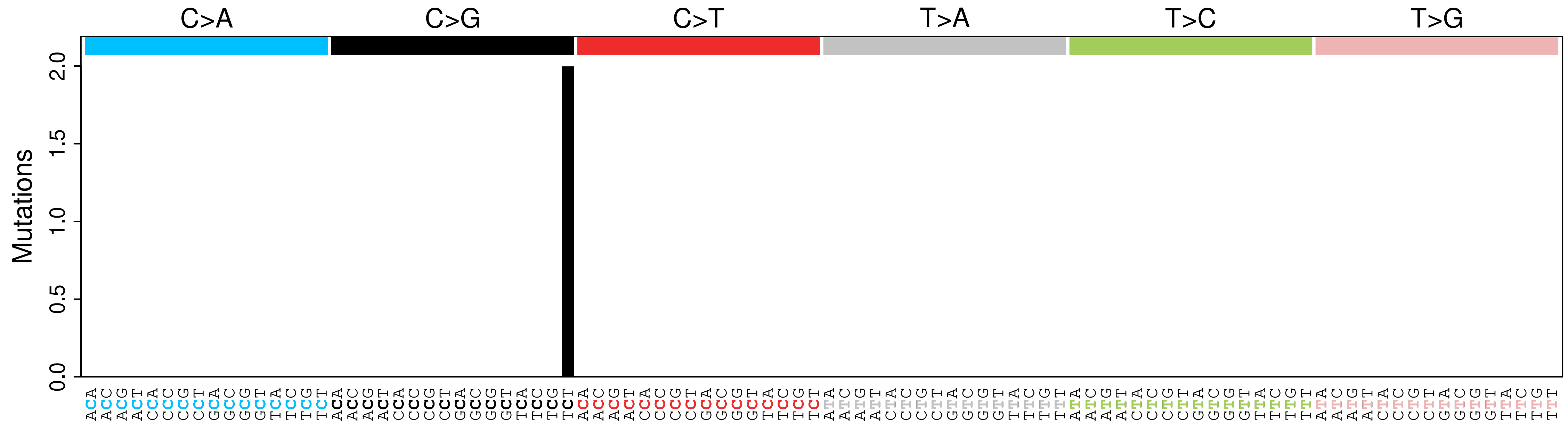
CATD0554a



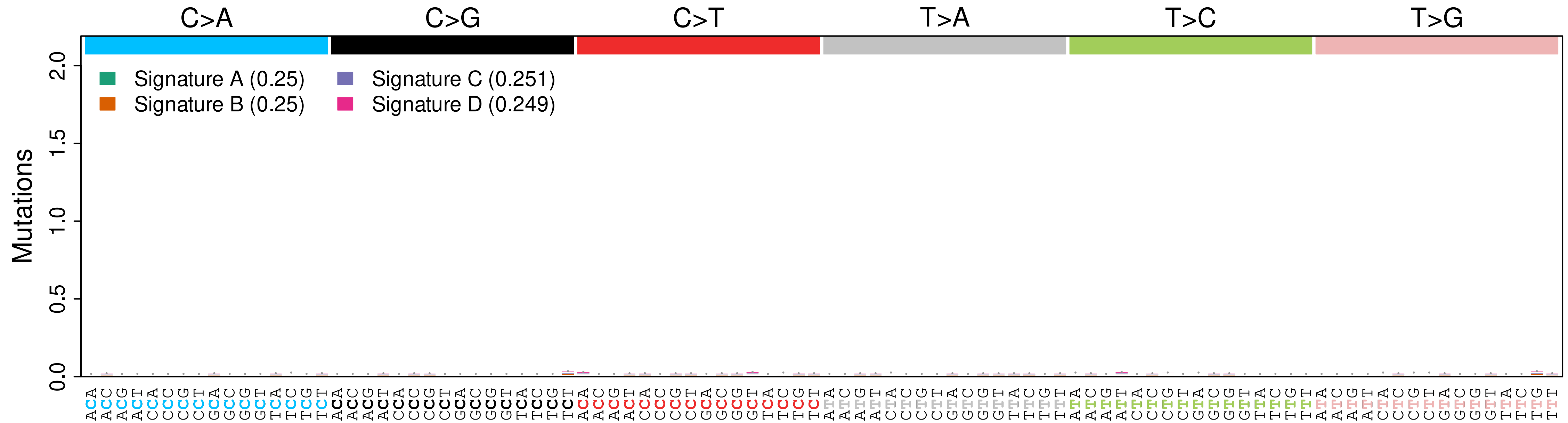
Reconstructed spectrum (cosine similarity = 0.209)



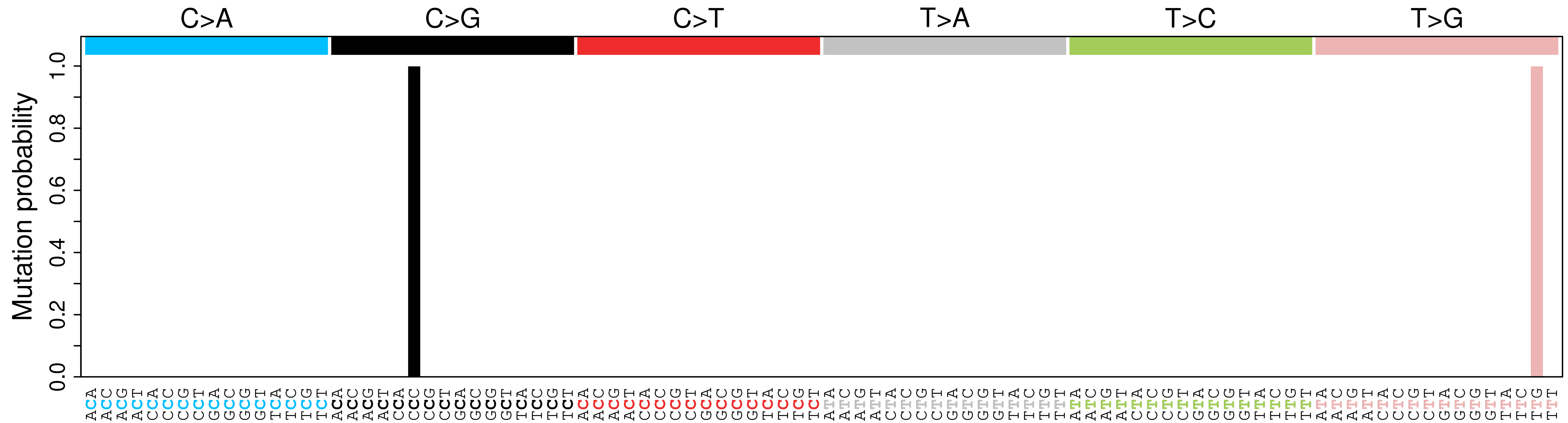
CATD0541a (2 mutations)



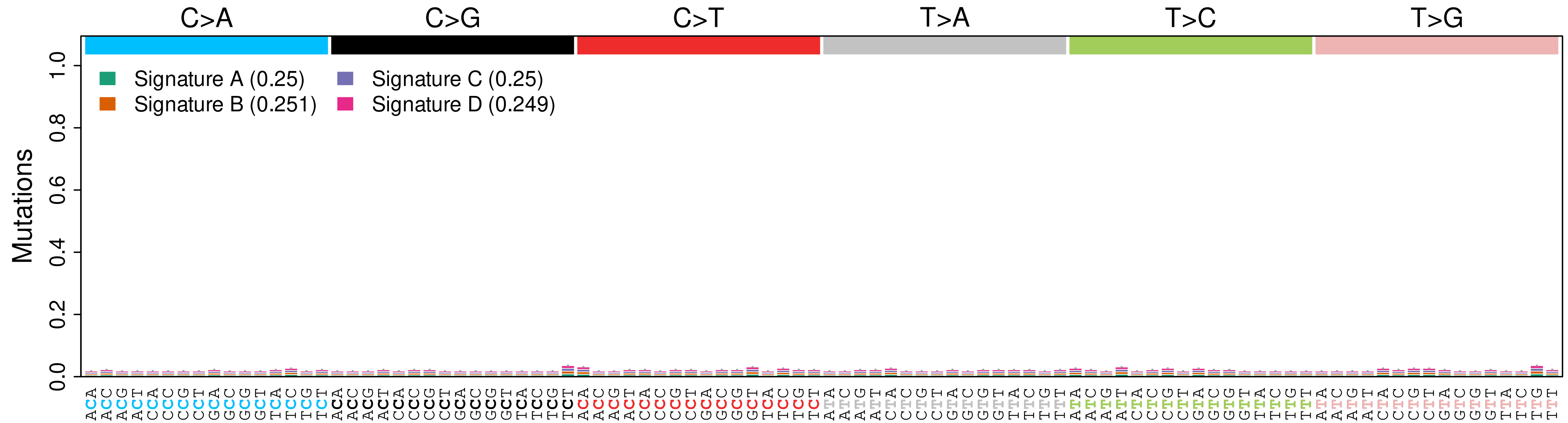
Reconstructed spectrum (cosine similarity = 0.17)



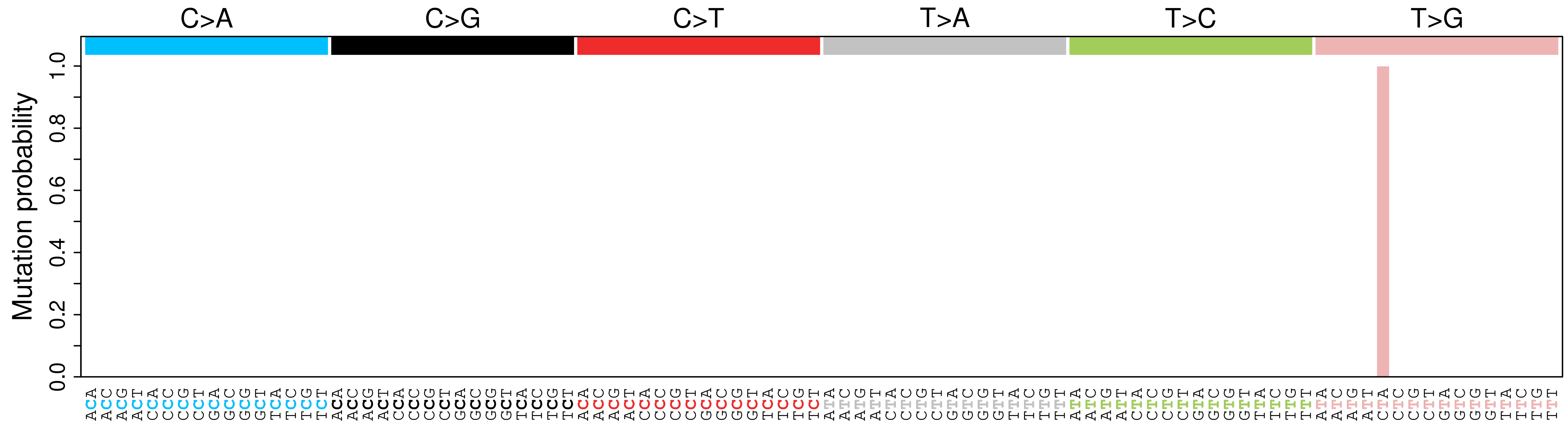
CATD0556a



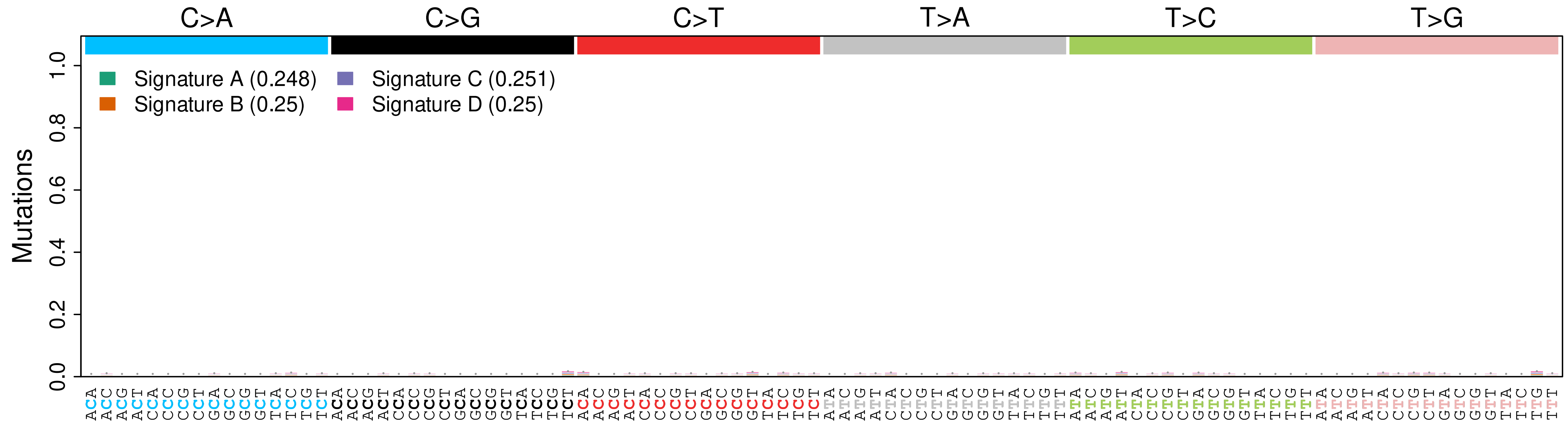
Reconstructed spectrum (cosine similarity = 0.196)



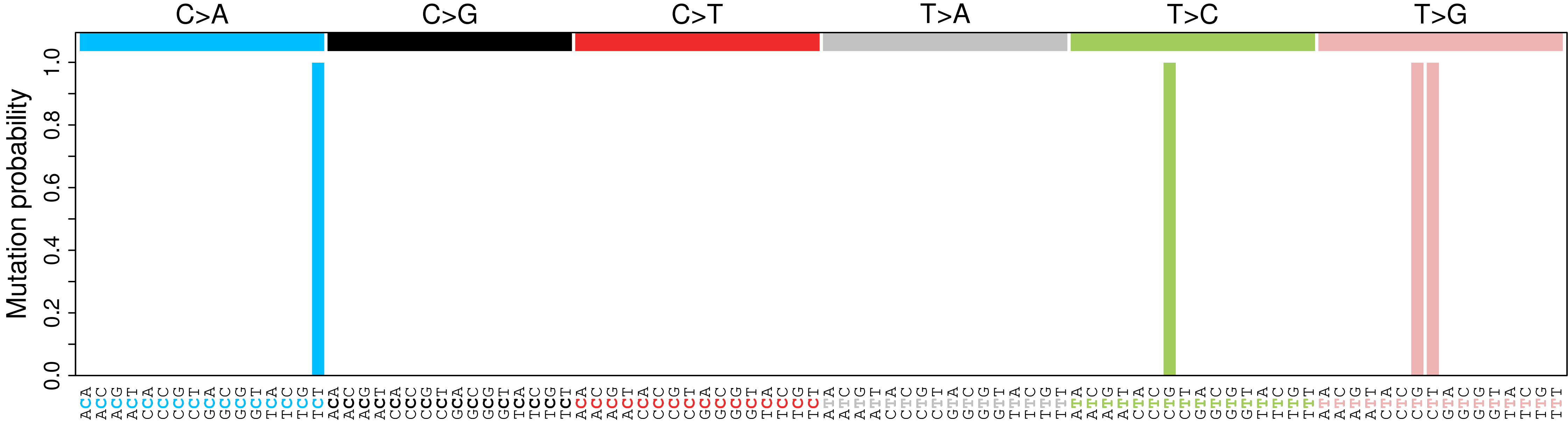
CATD335a



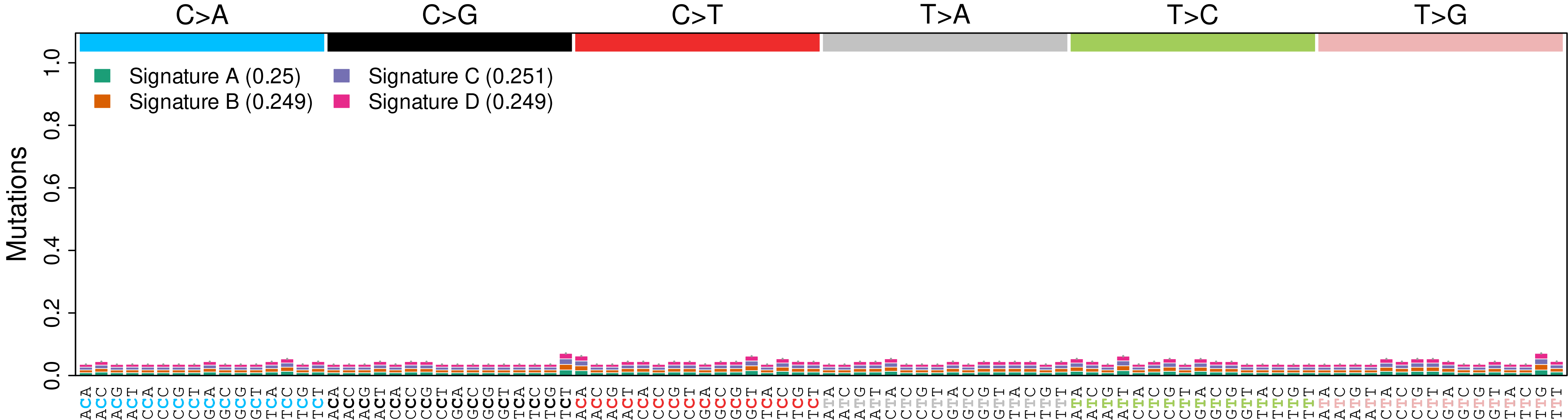
Reconstructed spectrum (cosine similarity = 0.128)



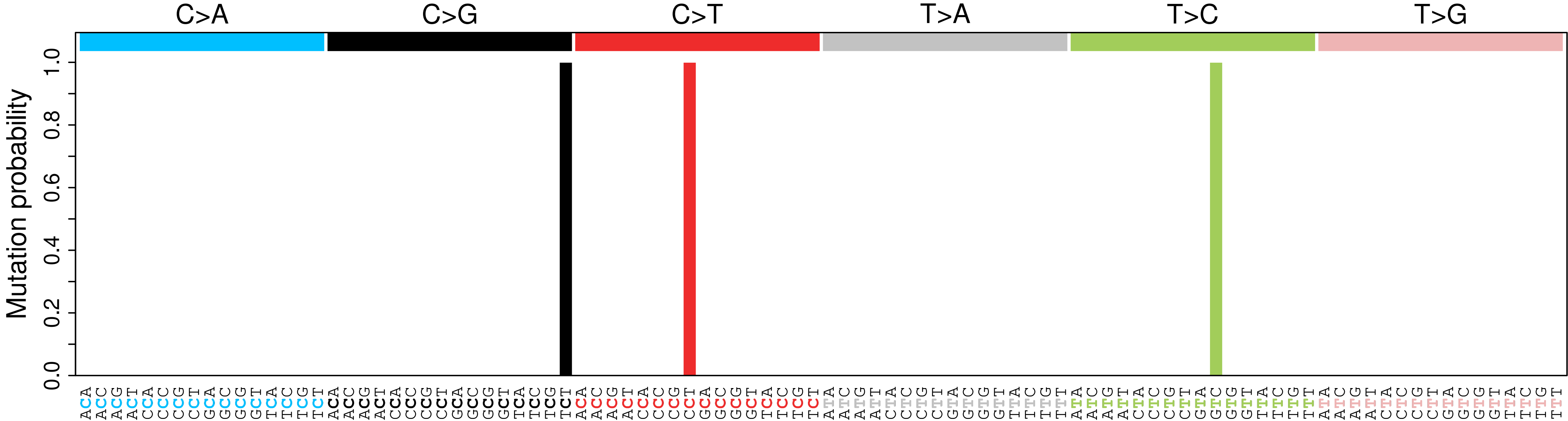
CATD0546a



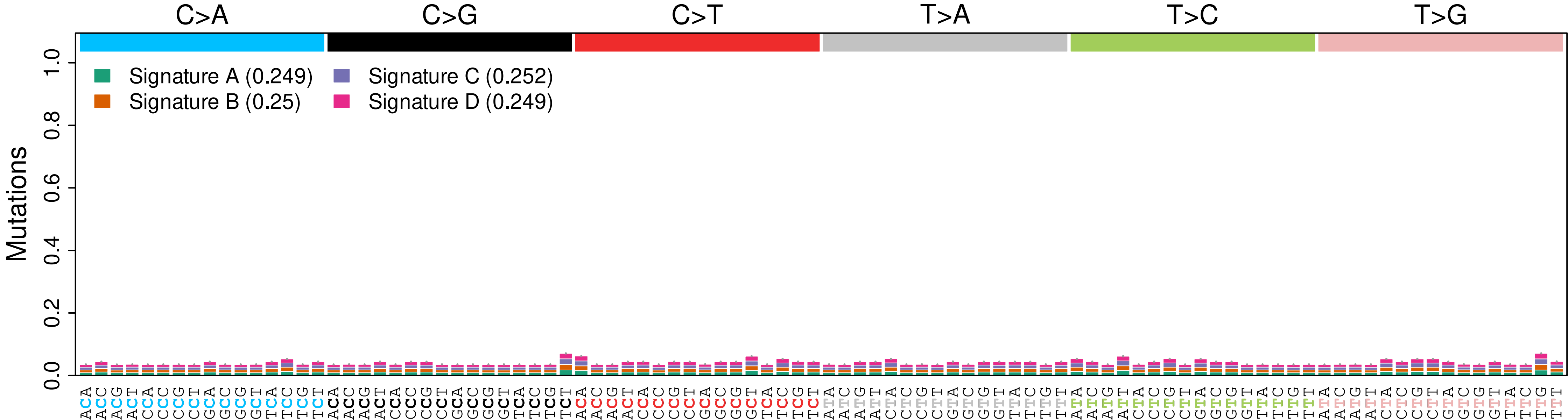
Reconstructed spectrum (cosine similarity = 0.246)



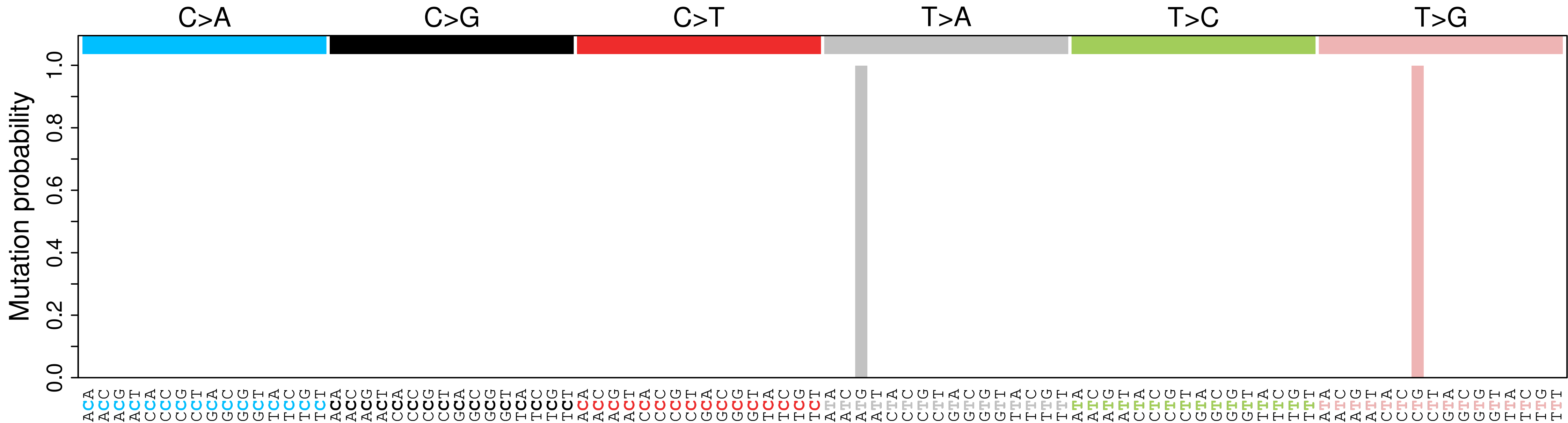
CATD0542a



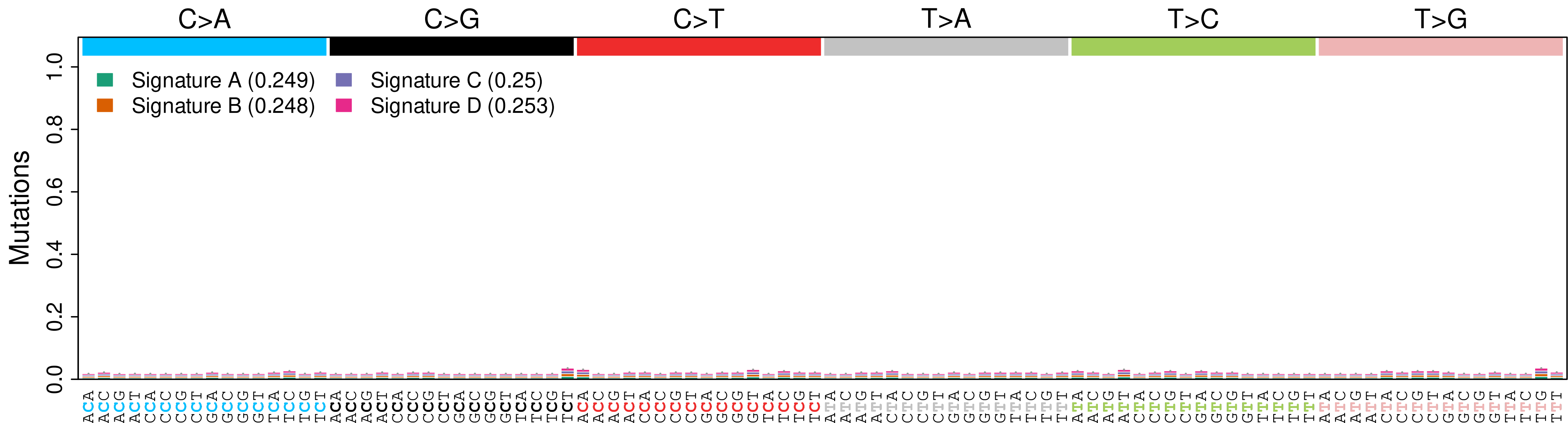
Reconstructed spectrum (cosine similarity = 0.221)



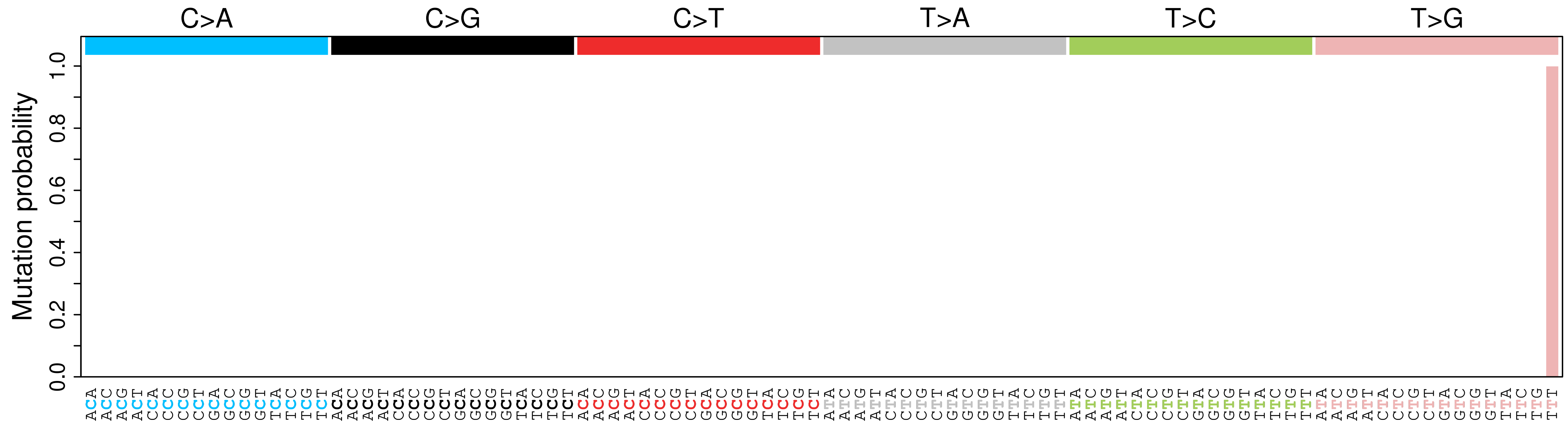
CATD338a



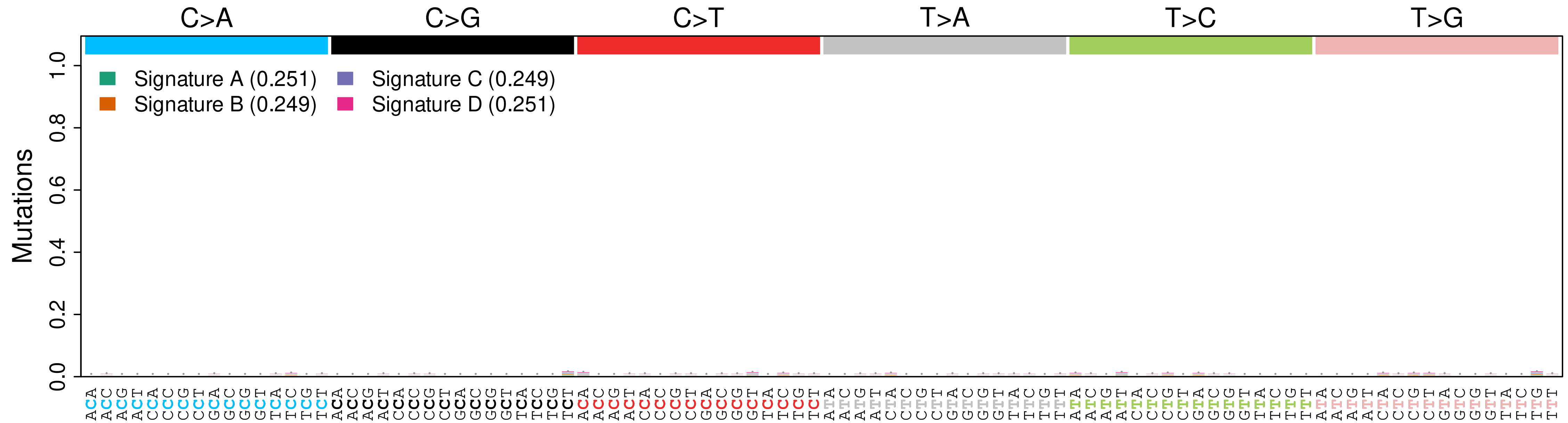
Reconstructed spectrum (cosine similarity = 0.166)



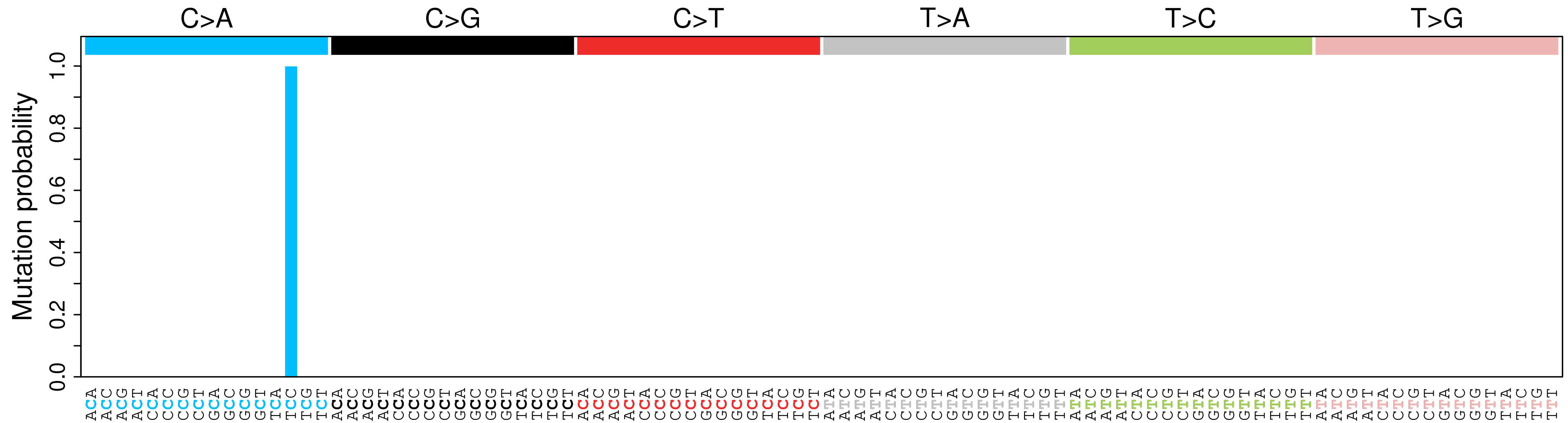
CATD332a



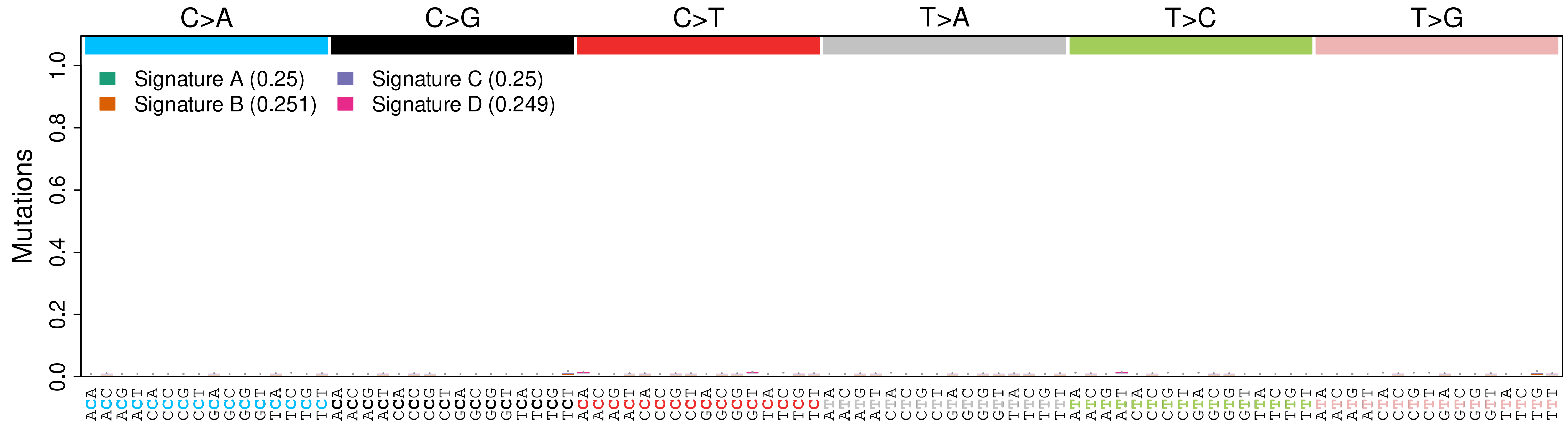
Reconstructed spectrum (cosine similarity = 0.108)



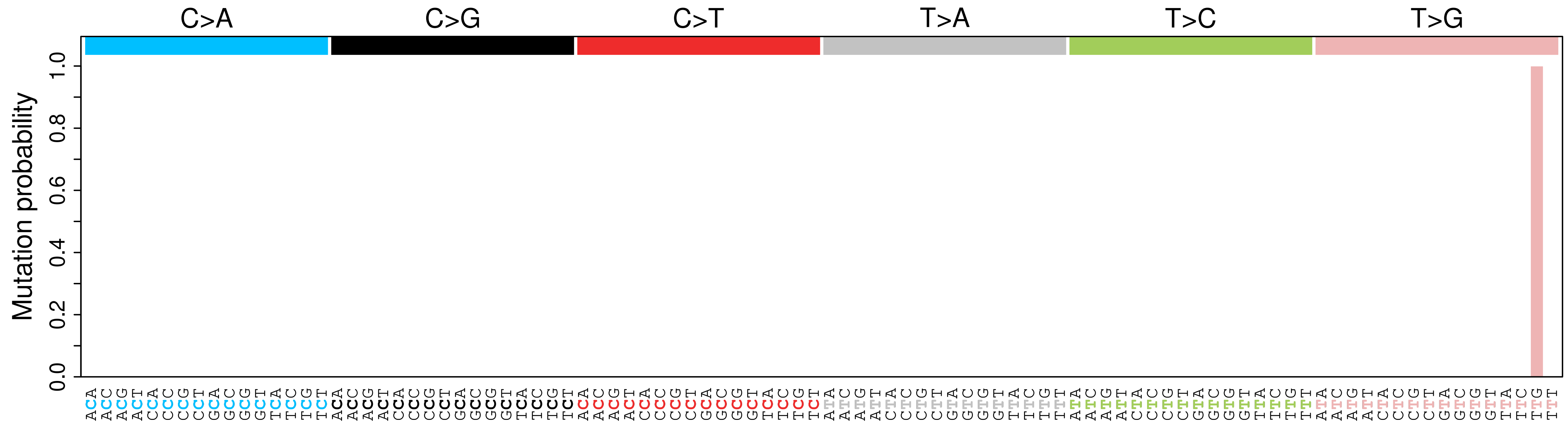
CATD339a



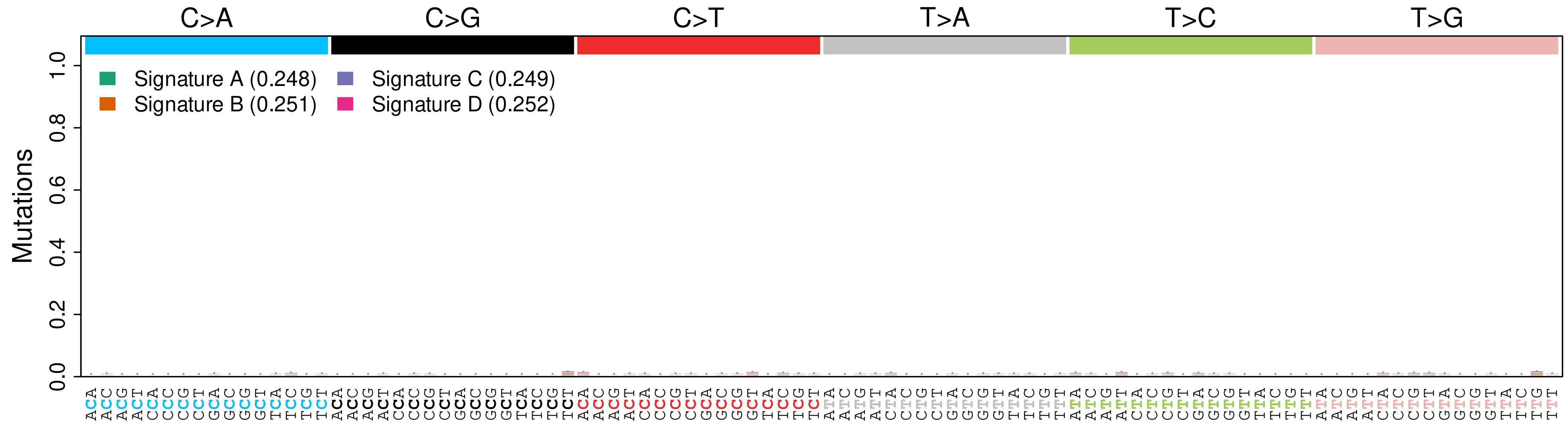
Reconstructed spectrum (cosine similarity = 0.128)

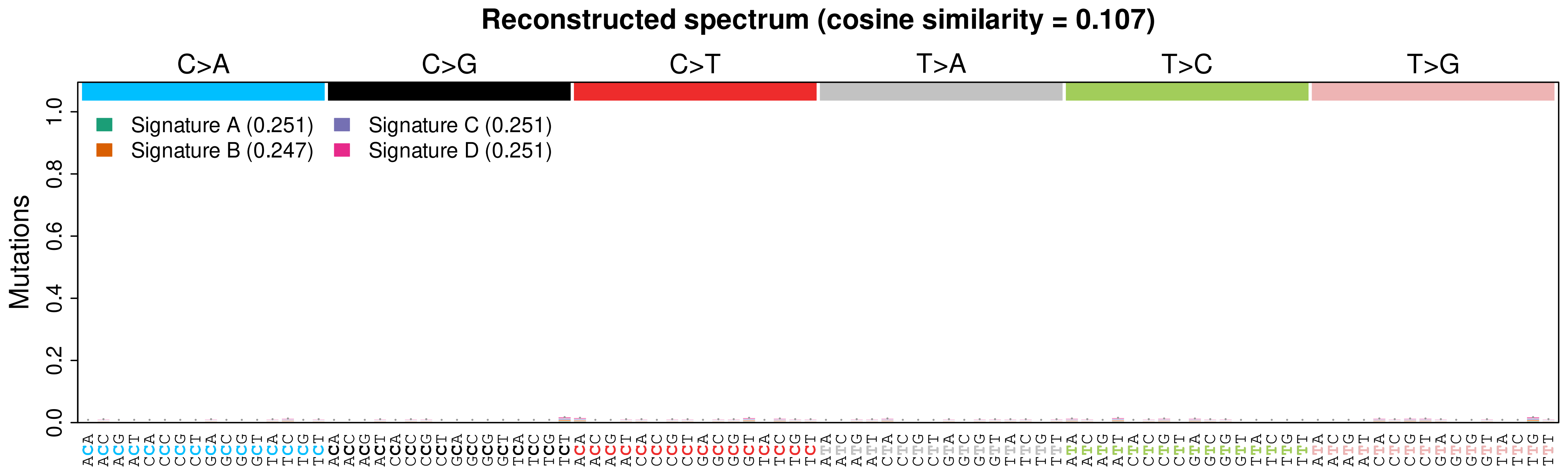
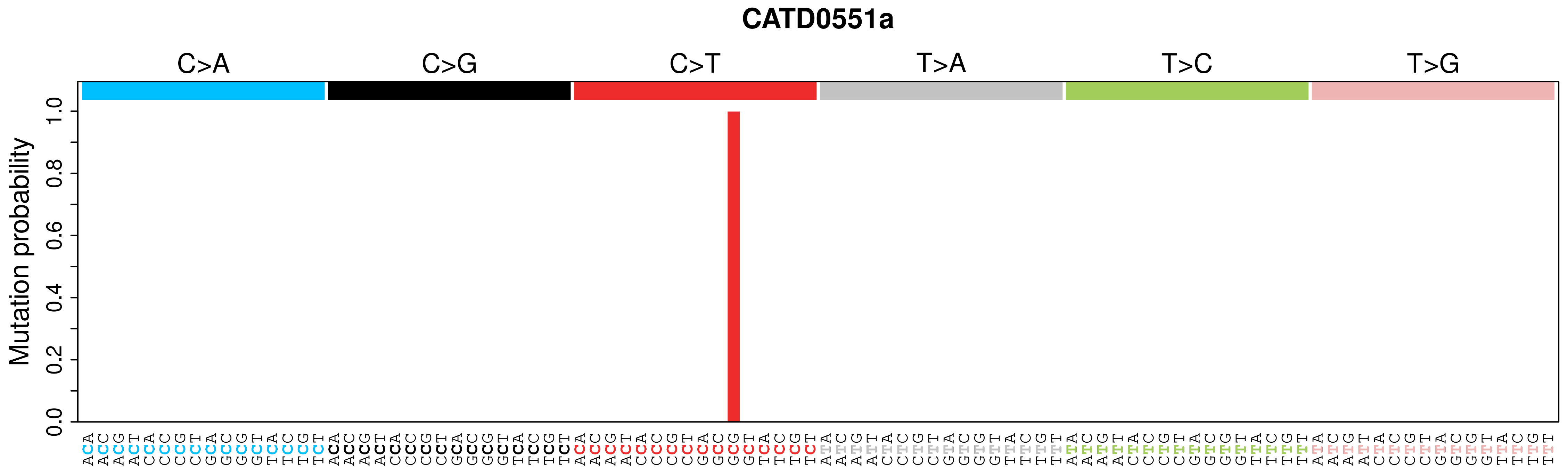


CATD0555a

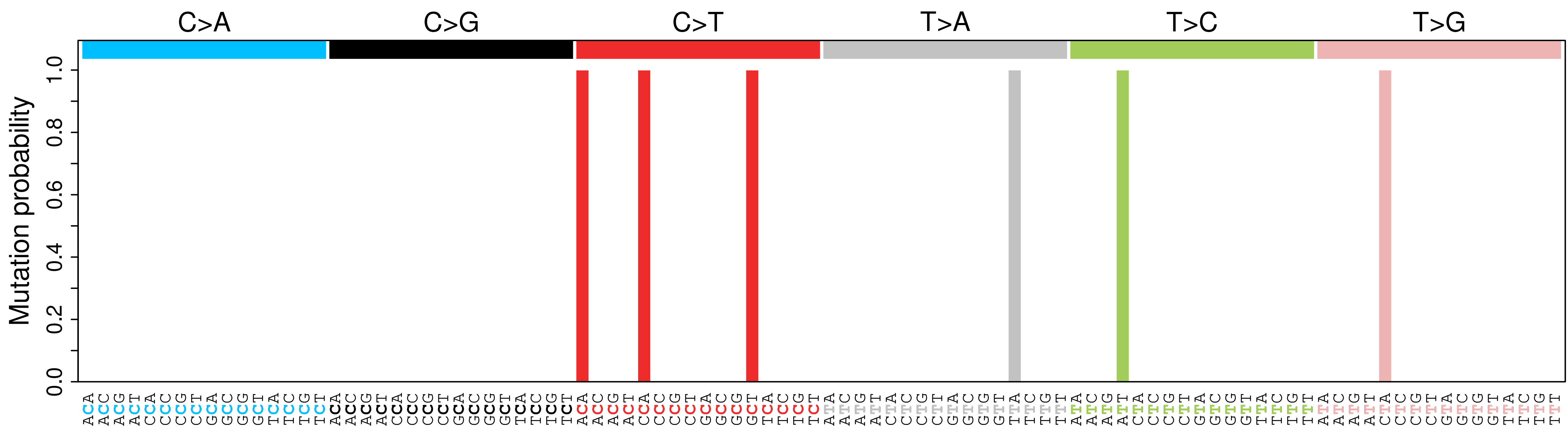


Reconstructed spectrum (cosine similarity = 0.17)





CATD345a



Reconstructed spectrum (cosine similarity = 0.322)

