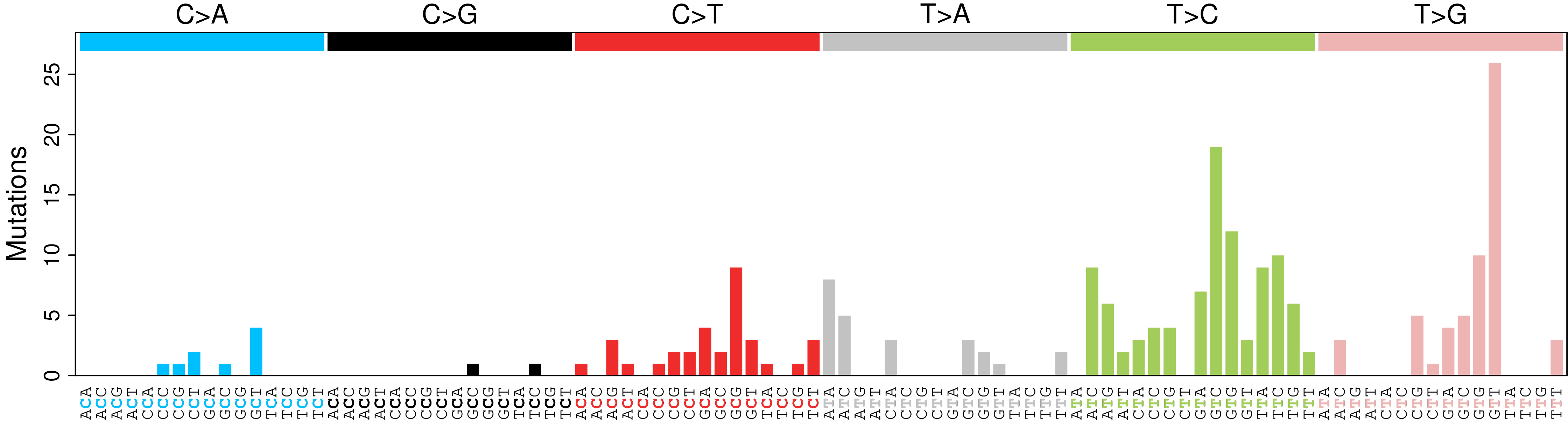
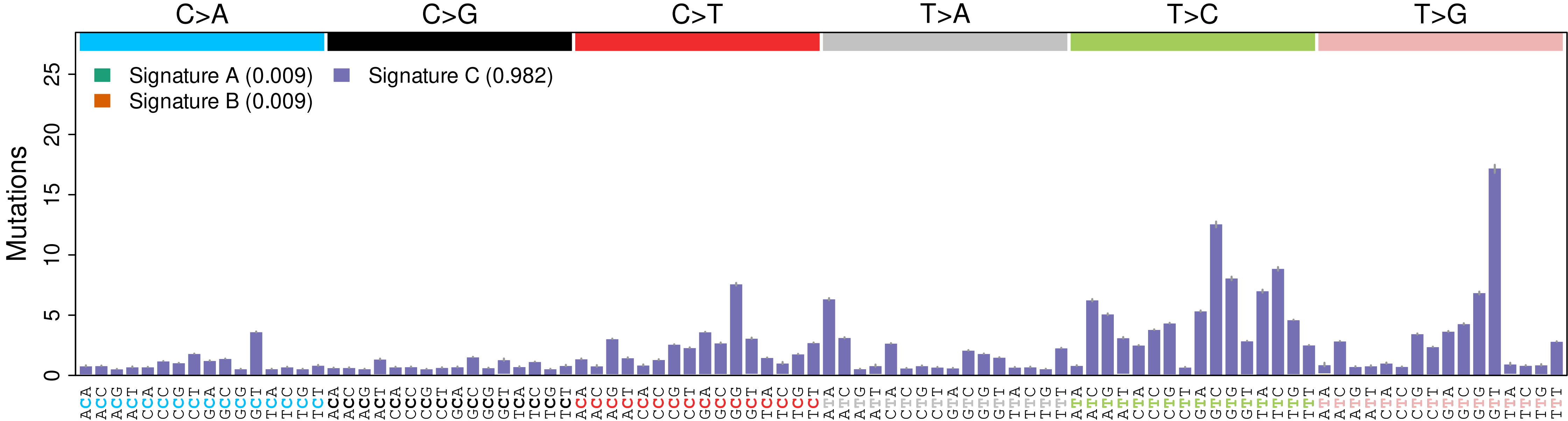


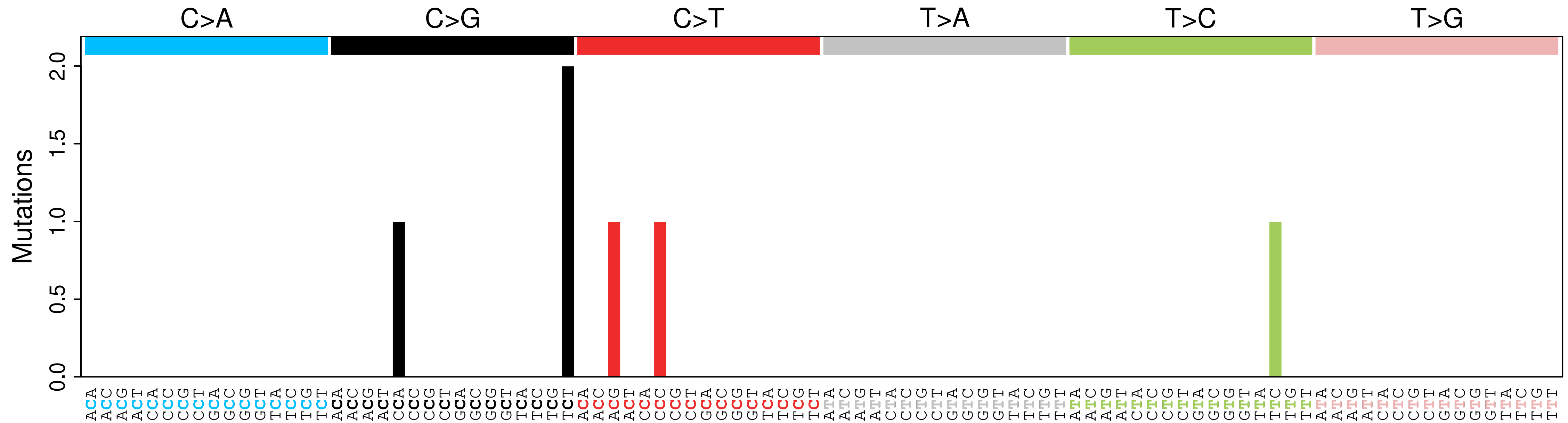
CATD0735a (221 mutations)



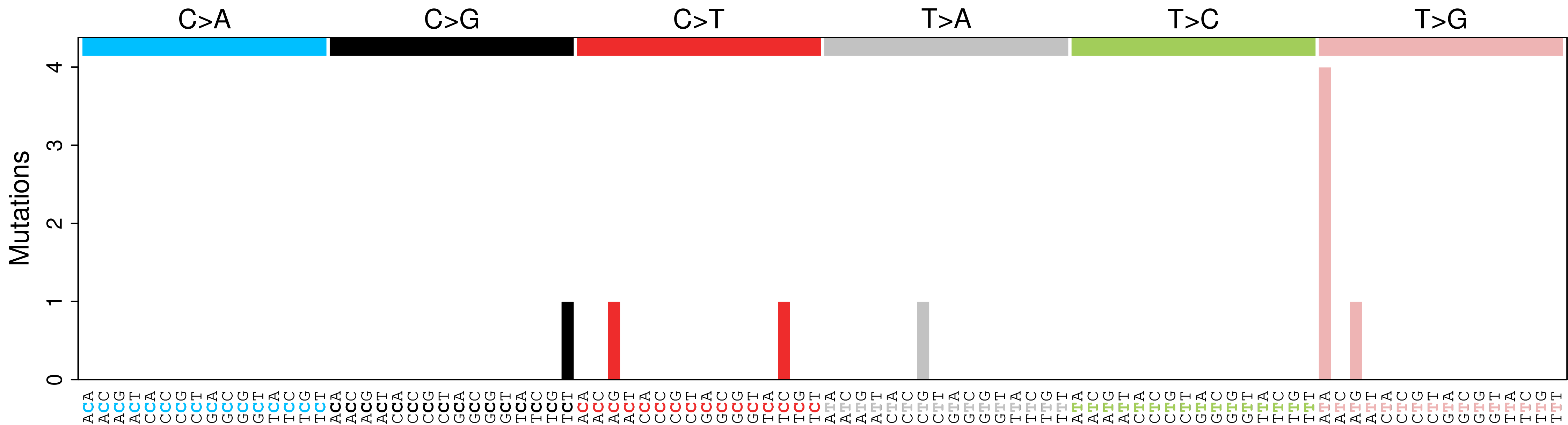
Reconstructed spectrum (cosine similarity = 0.973)



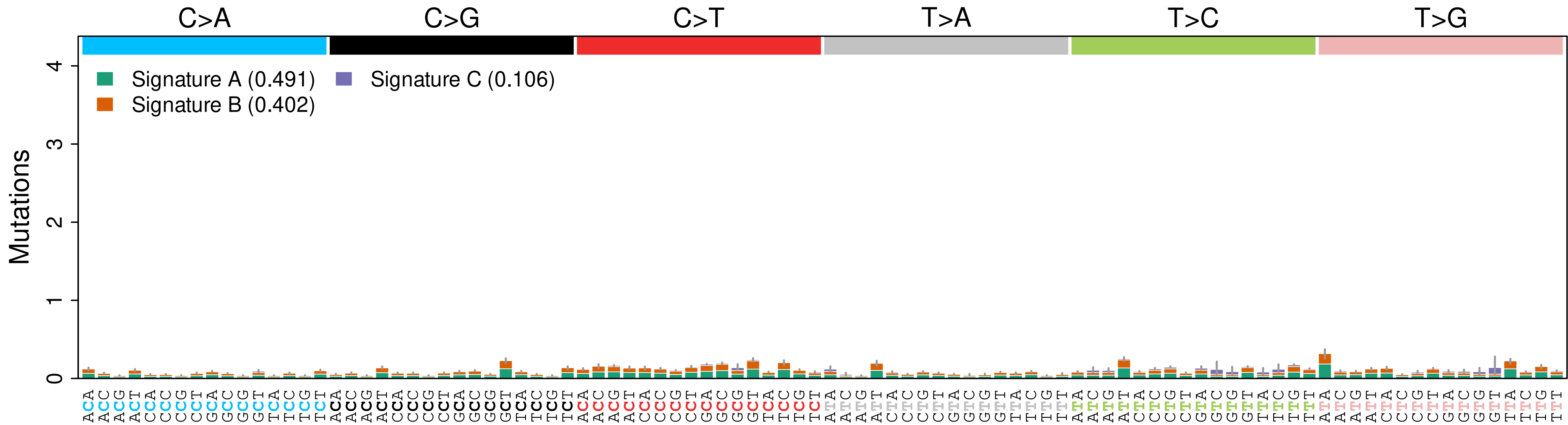
CATD0575a (6 mutations)



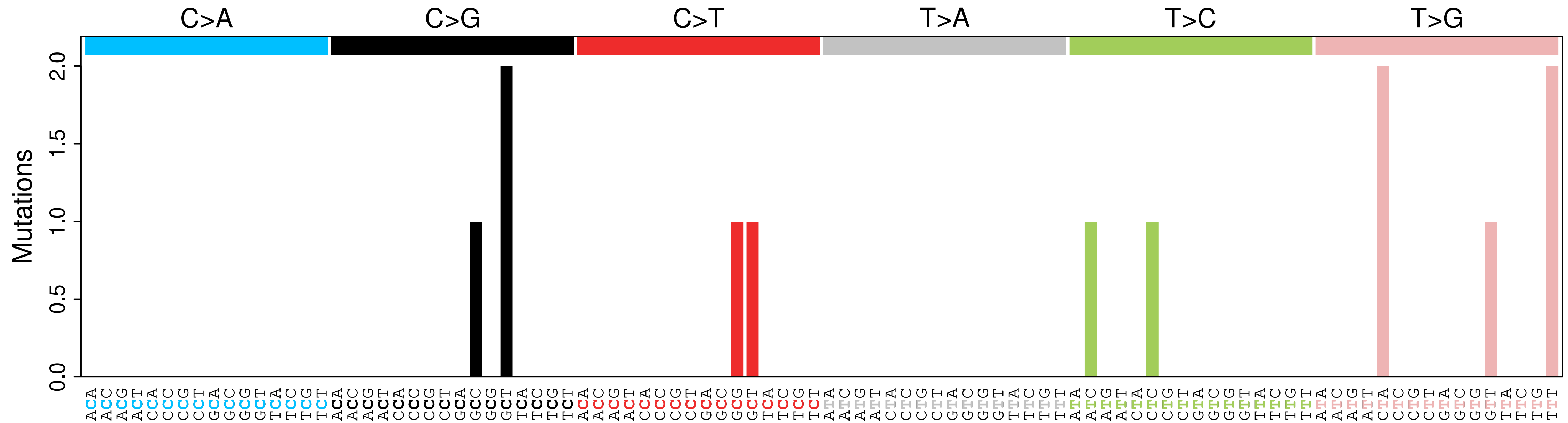
CATD0584a (9 mutations)



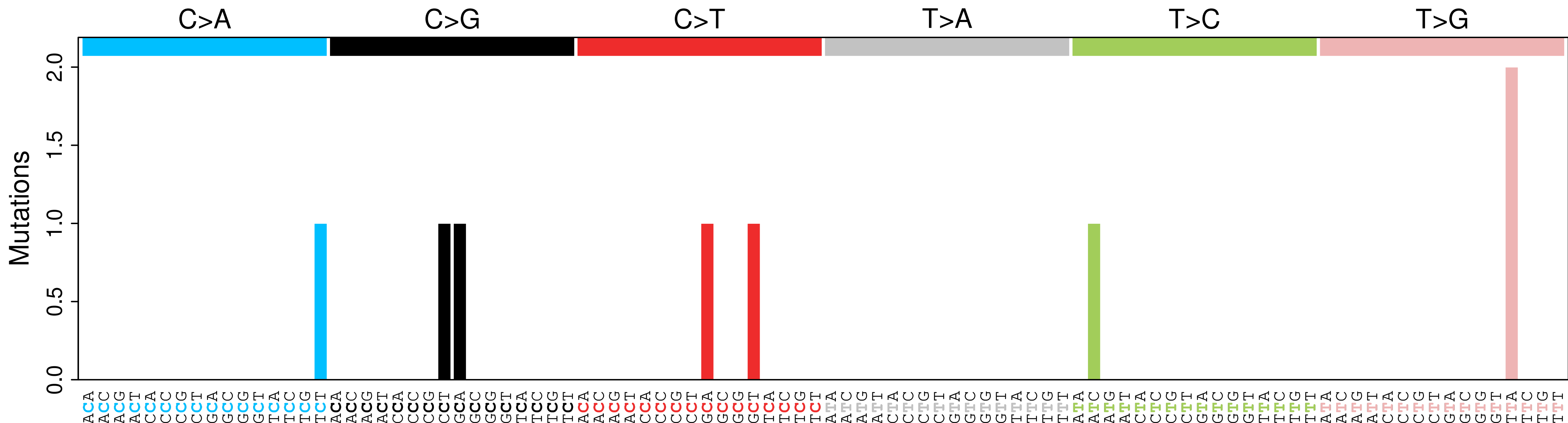
Reconstructed spectrum (cosine similarity = 0.375)



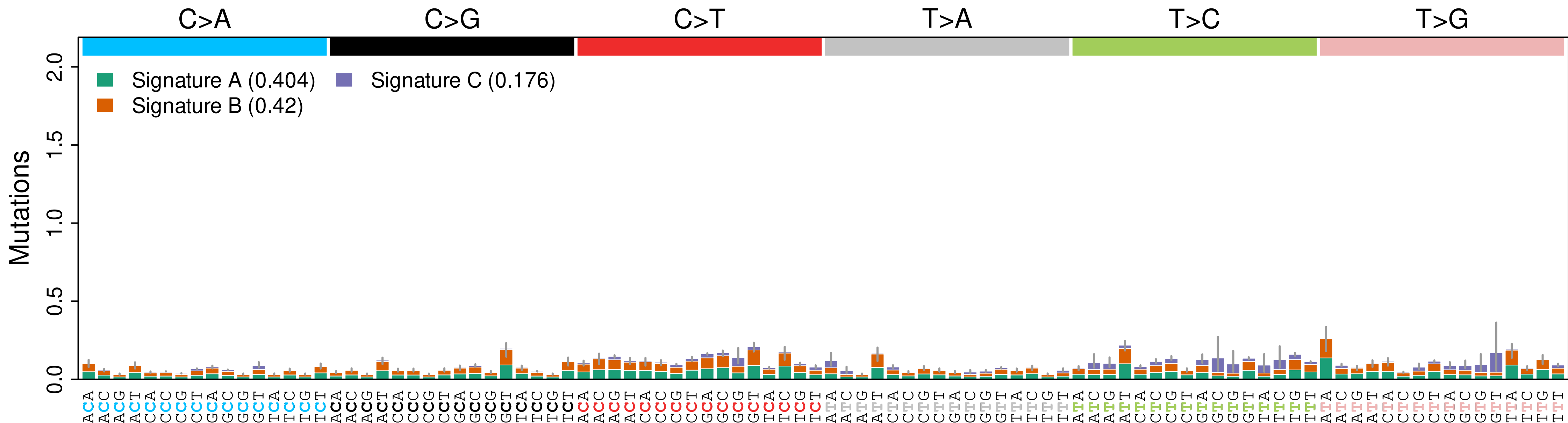
CATD0600a (12 mutations)



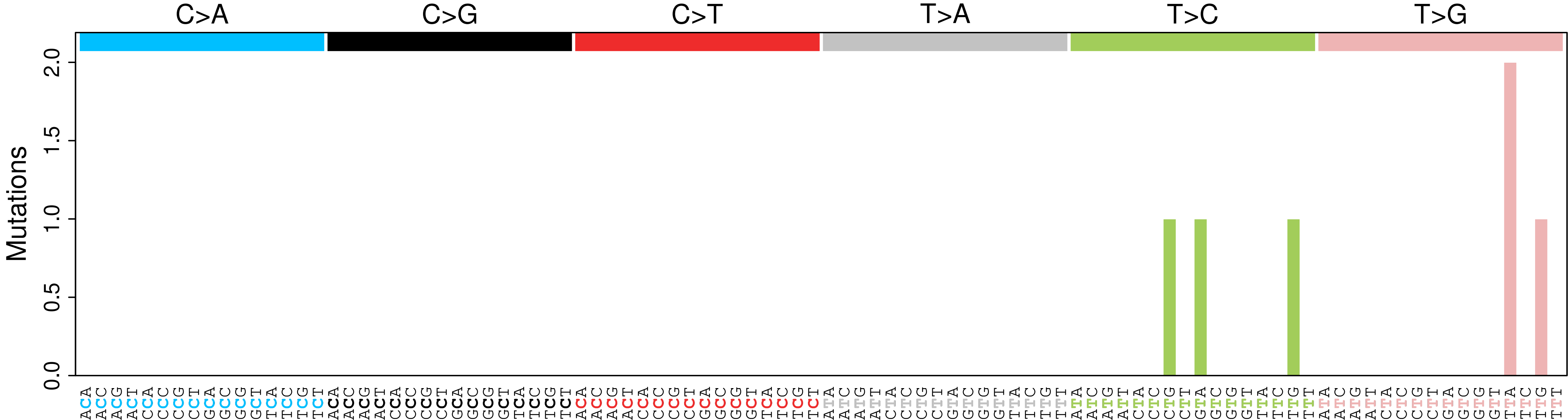
CATD0576a (8 mutations)



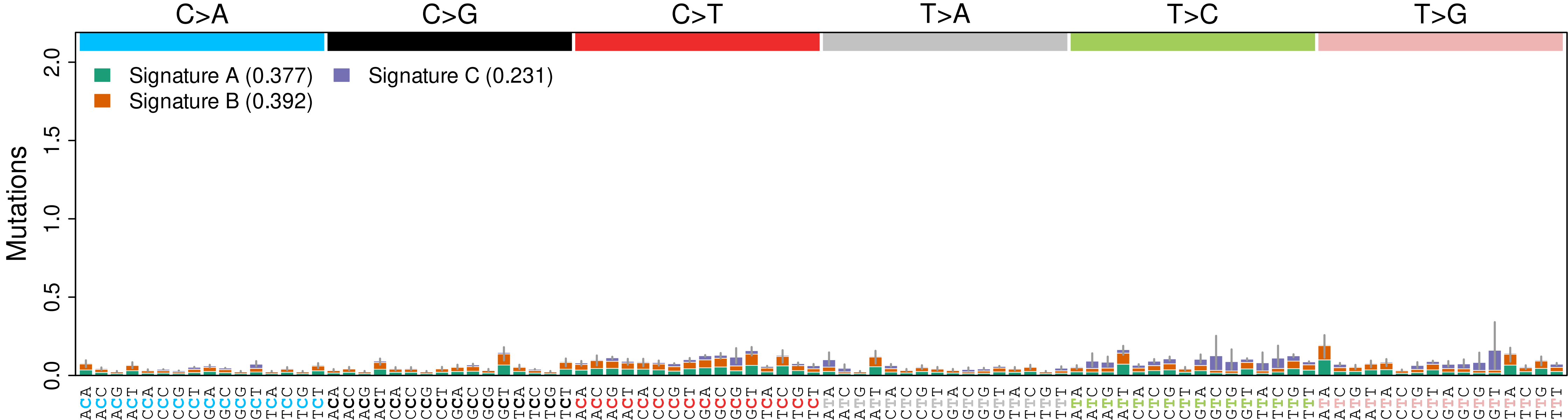
Reconstructed spectrum (cosine similarity = 0.336)



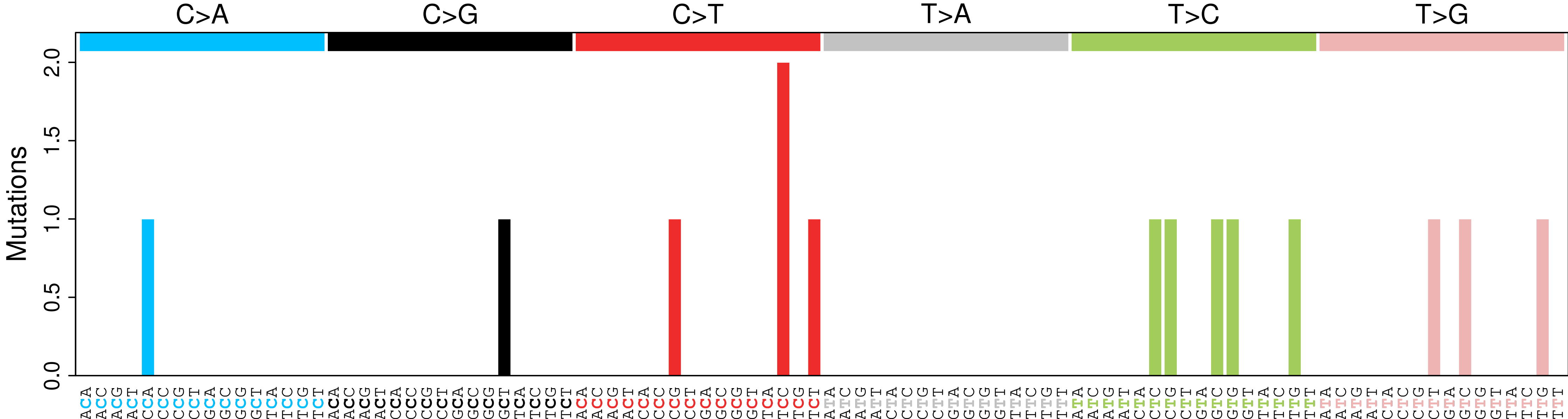
CATD0679a (6 mutations)



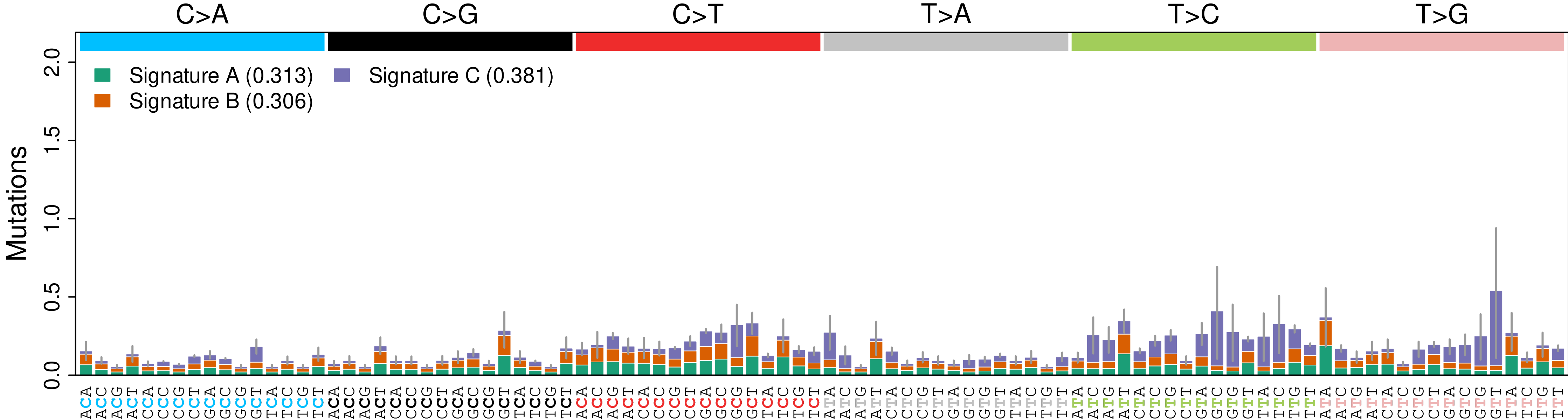
Reconstructed spectrum (cosine similarity = 0.317)



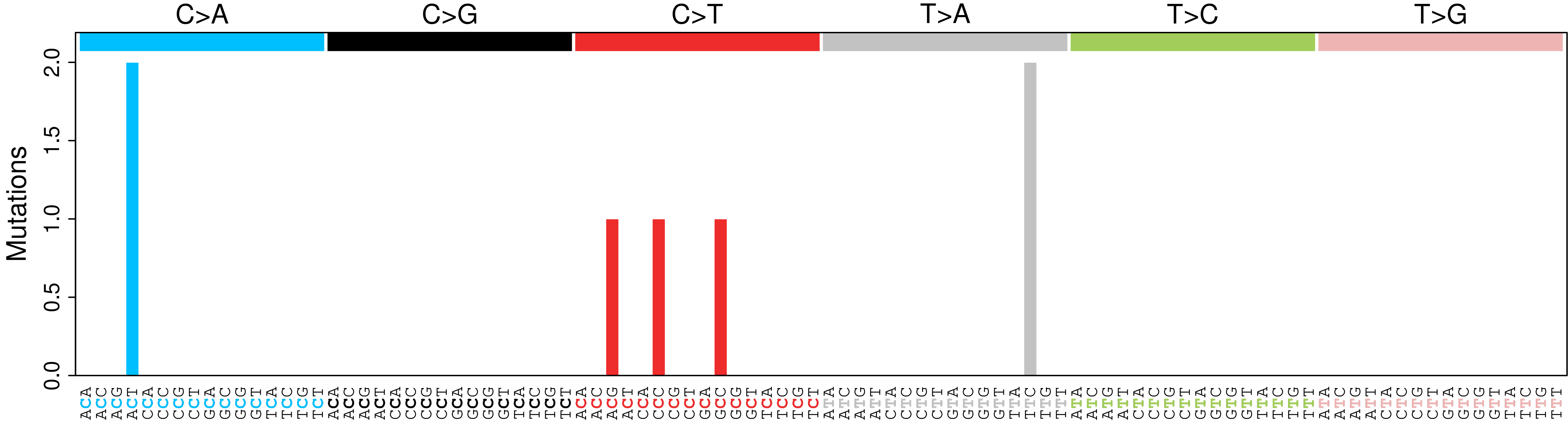
CATD0686a (14 mutations)



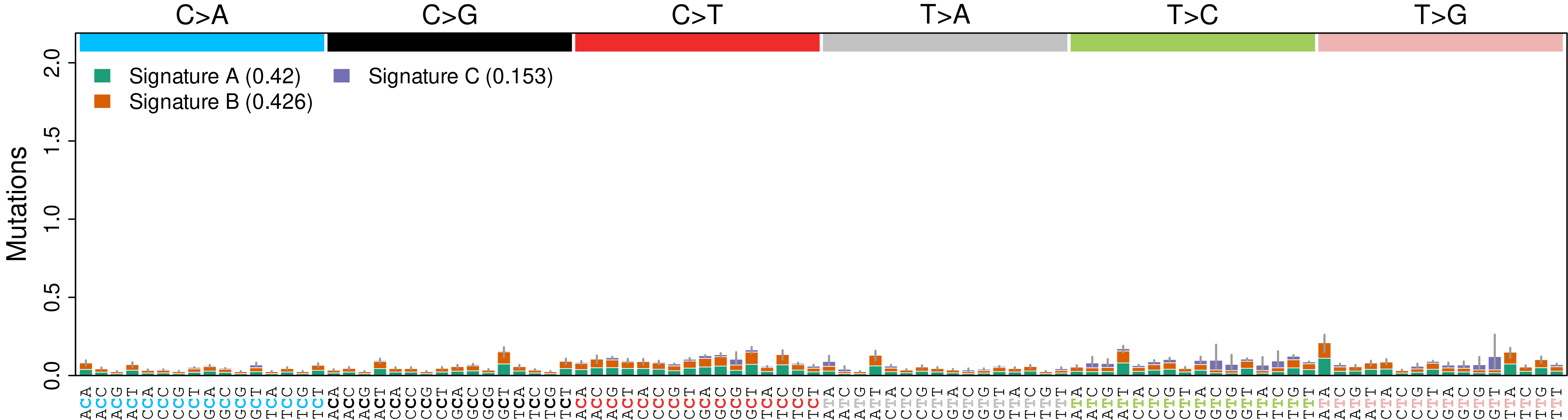
Reconstructed spectrum (cosine similarity = 0.434)



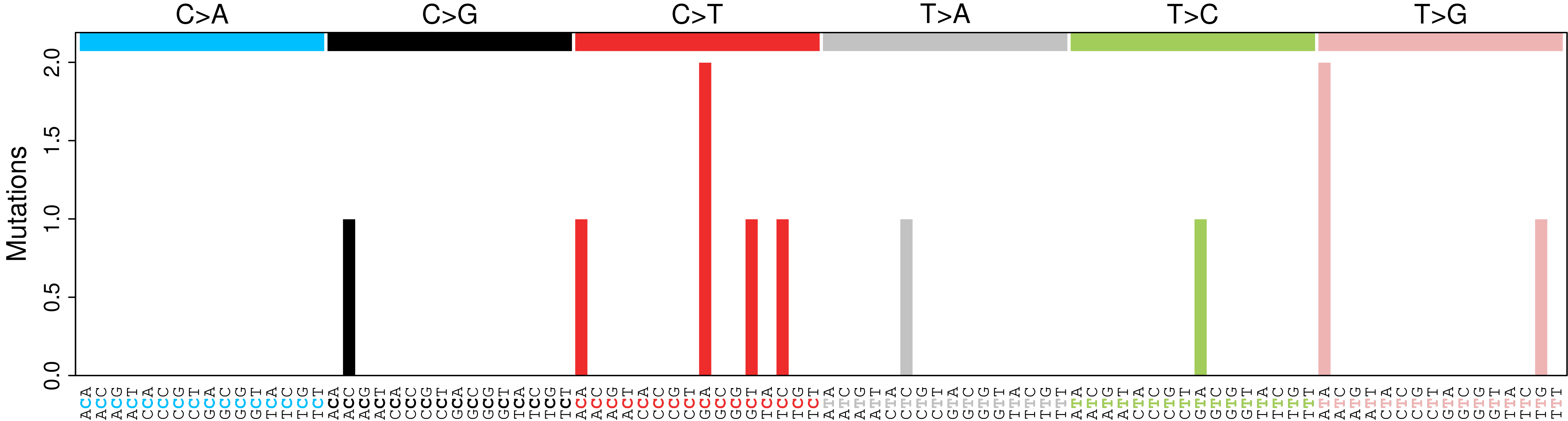
CATD0678a (7 mutations)



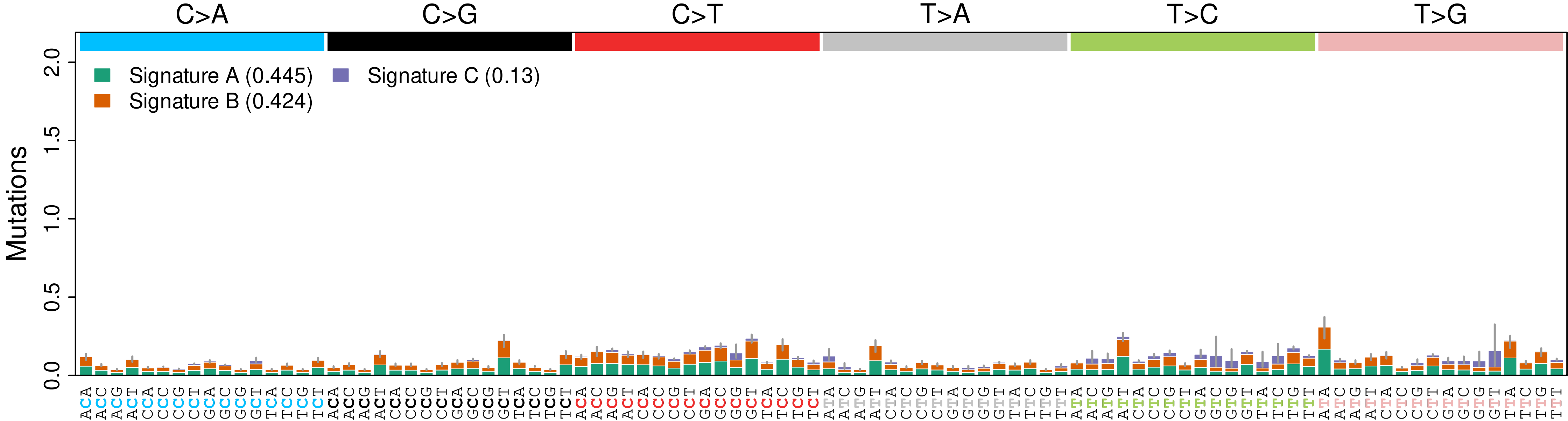
Reconstructed spectrum (cosine similarity = 0.227)



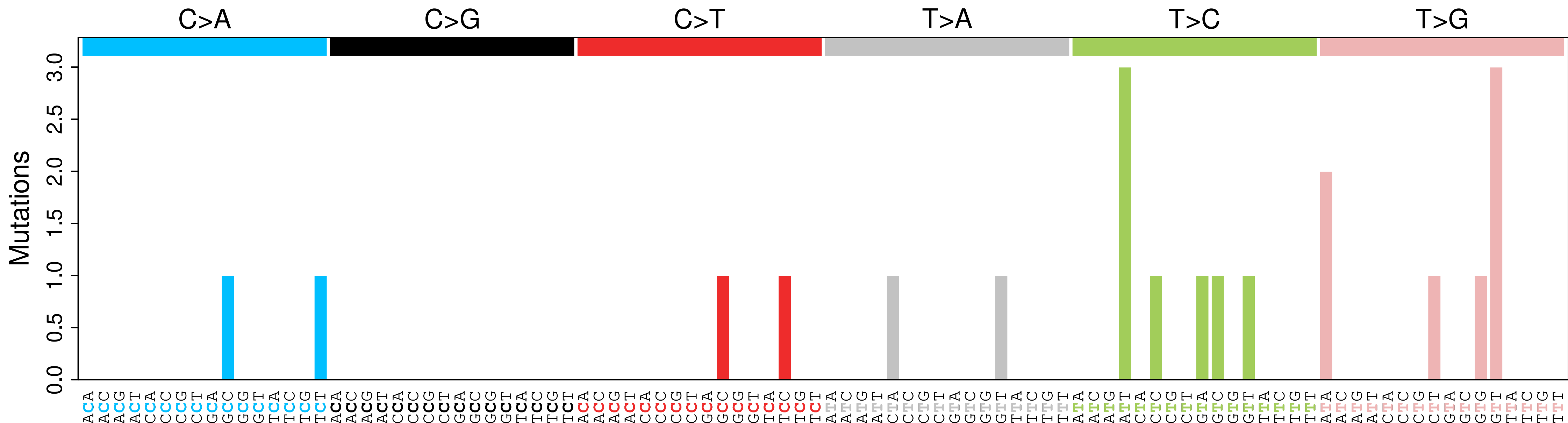
CATD0609a (11 mutations)



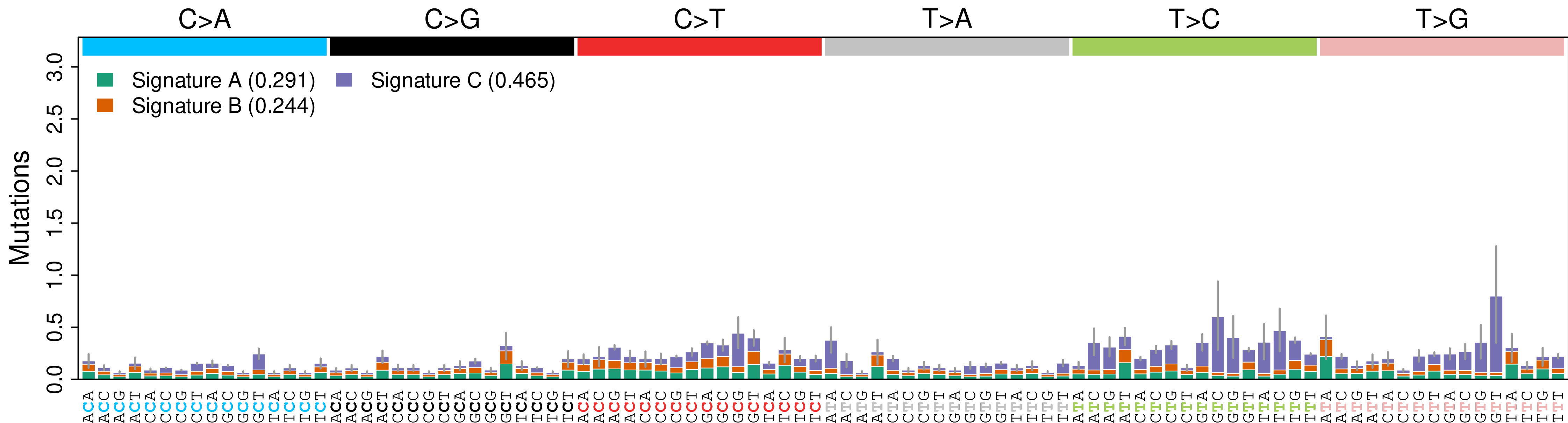
Reconstructed spectrum (cosine similarity = 0.443)



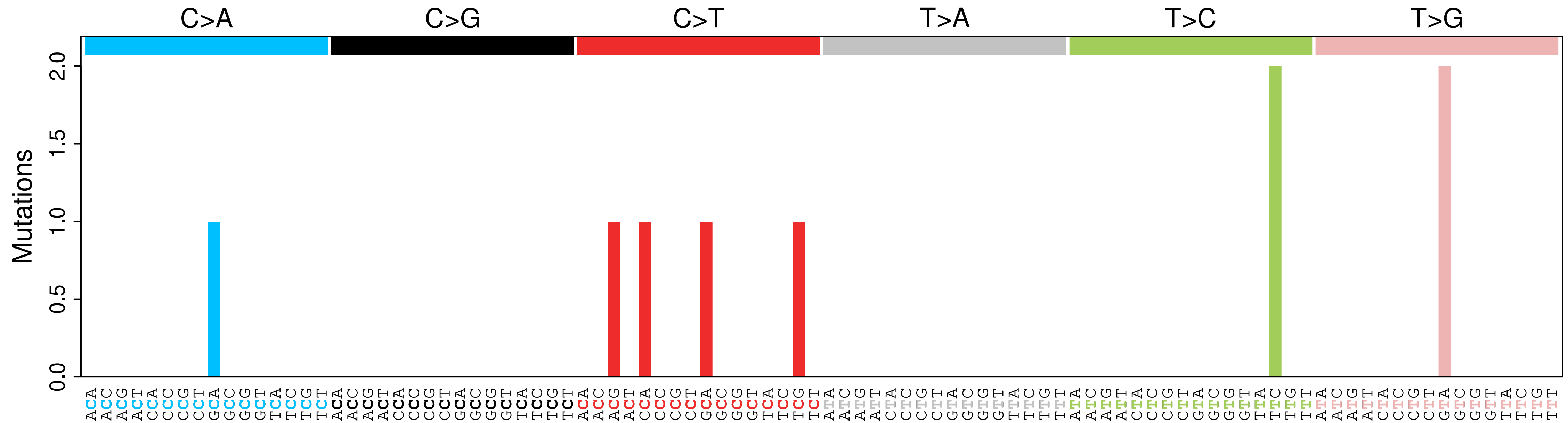
CATD0723a (20 mutations)



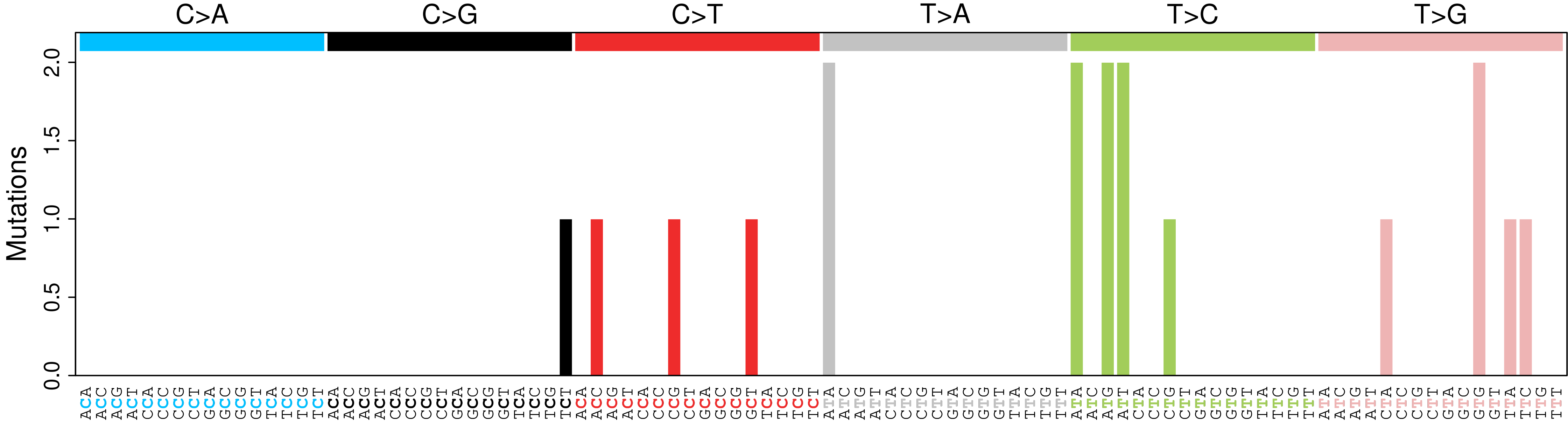
Reconstructed spectrum (cosine similarity = 0.563)



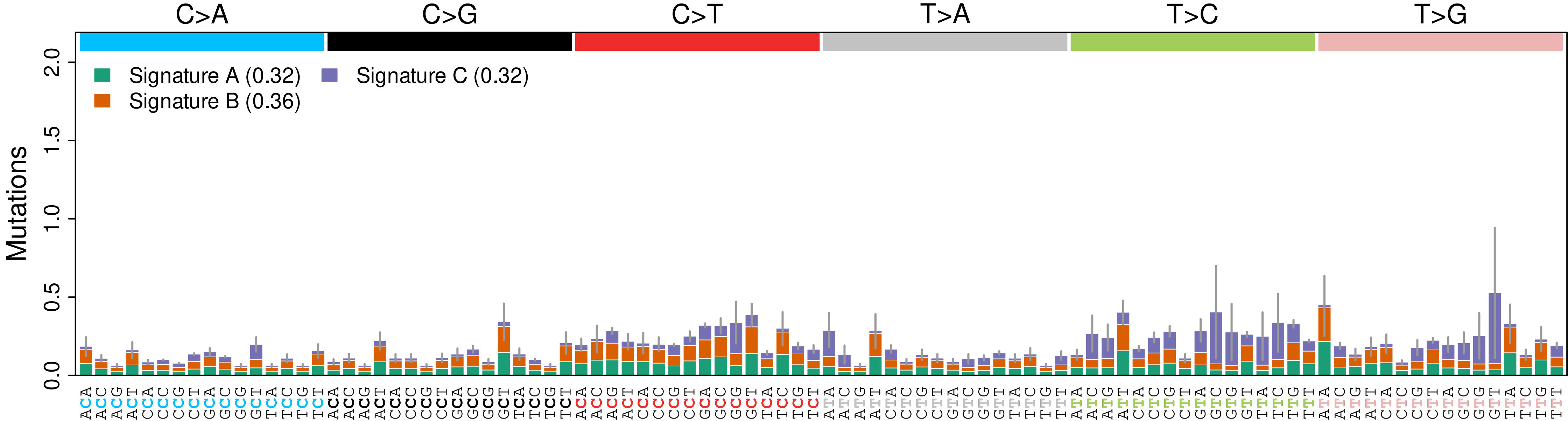
CATD0730a (9 mutations)



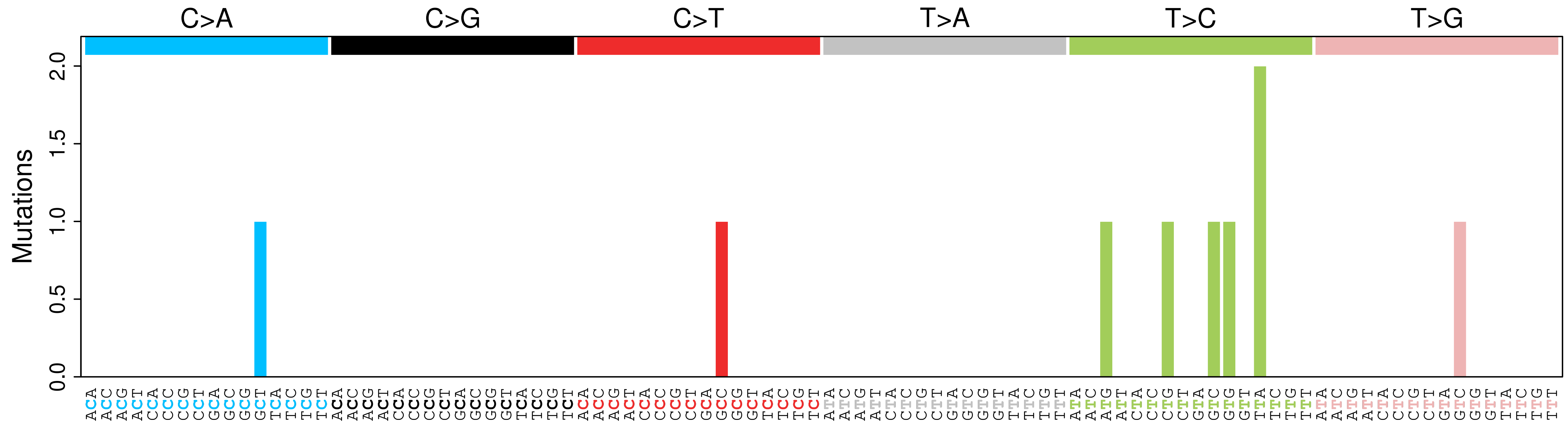
CATD0586a (18 mutations)



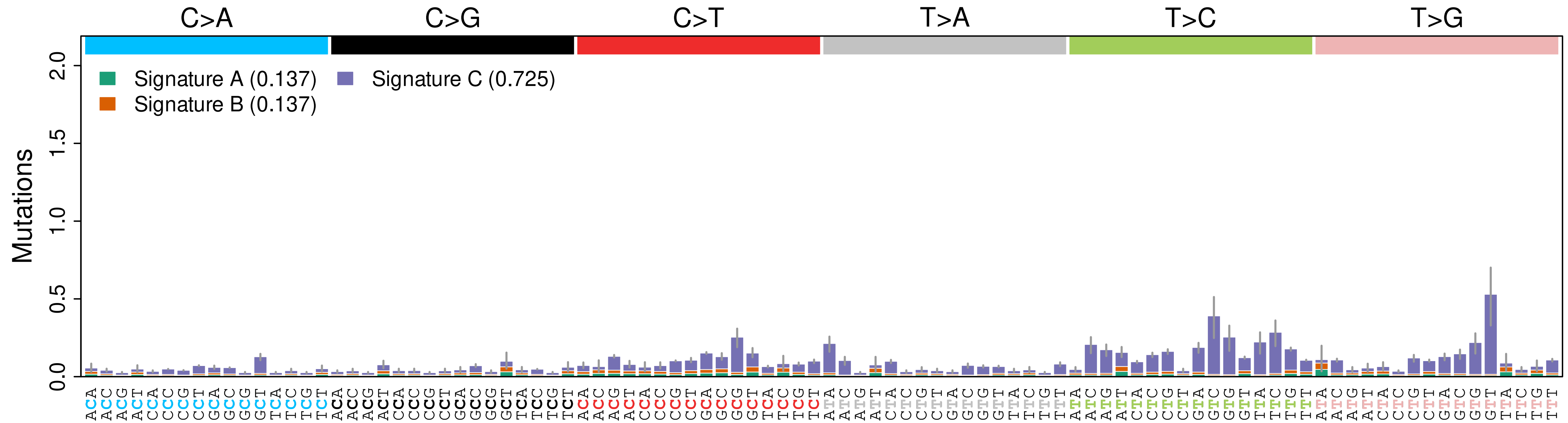
Reconstructed spectrum (cosine similarity = 0.421)



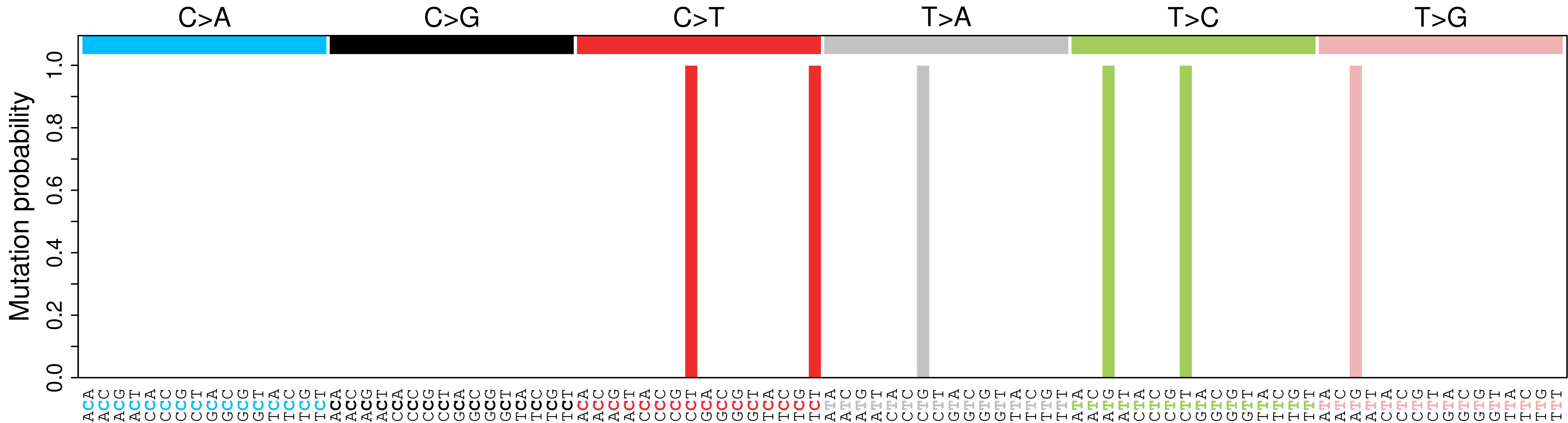
CATD0733a (9 mutations)



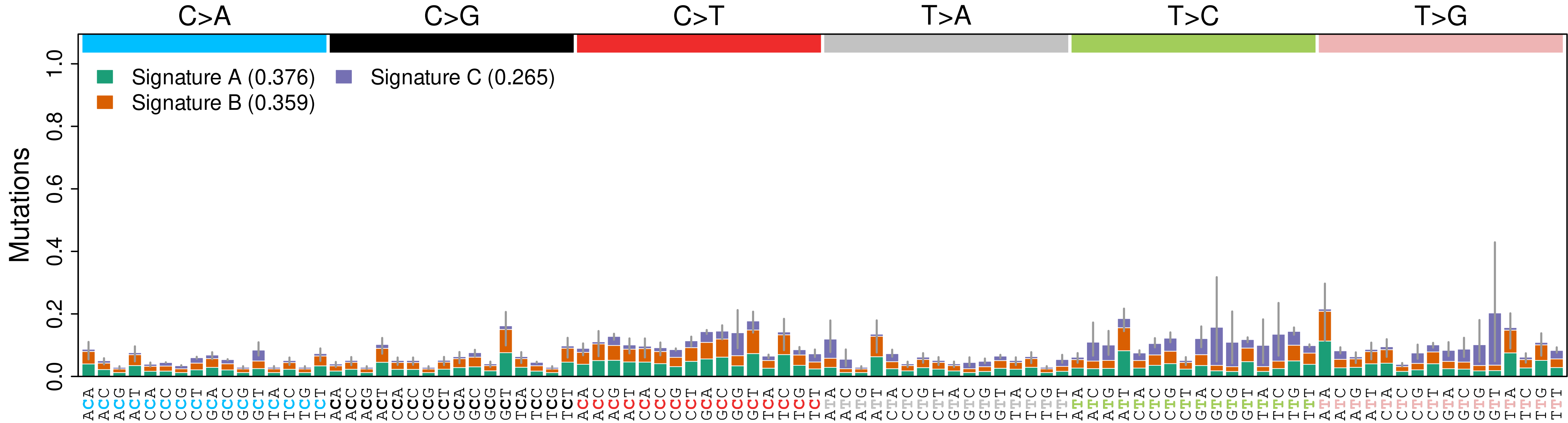
Reconstructed spectrum (cosine similarity = 0.457)



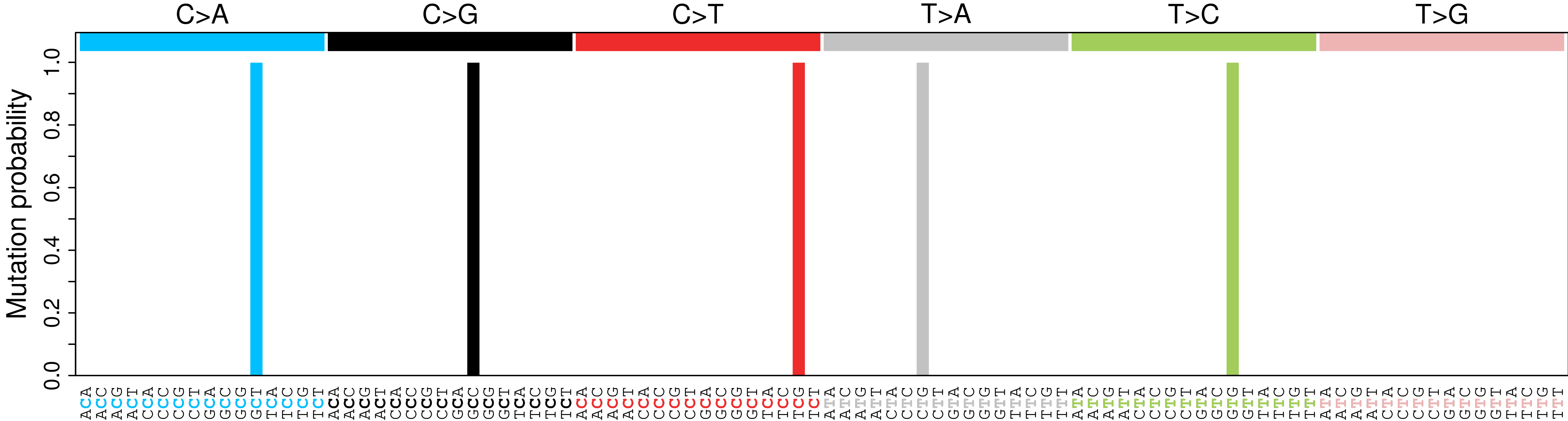
CATD0687a



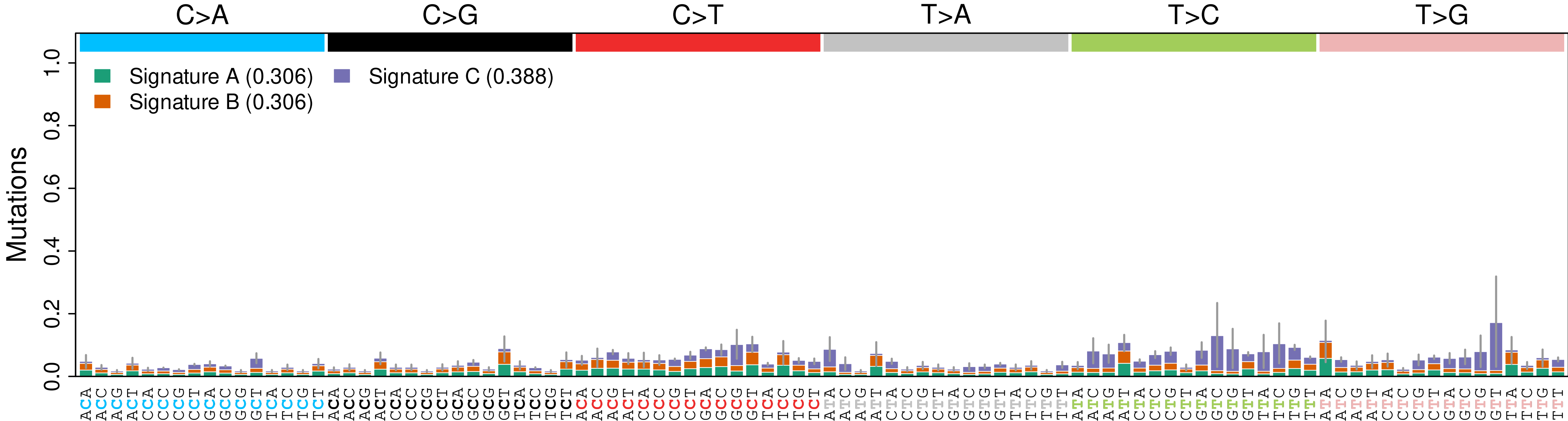
Reconstructed spectrum (cosine similarity = 0.207)



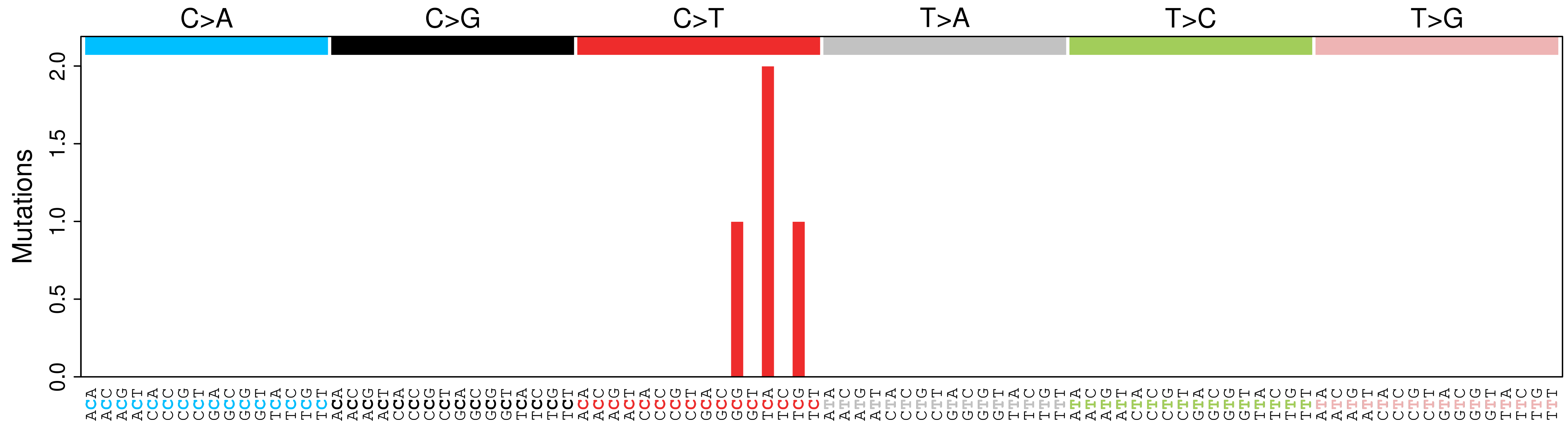
CATD0578a



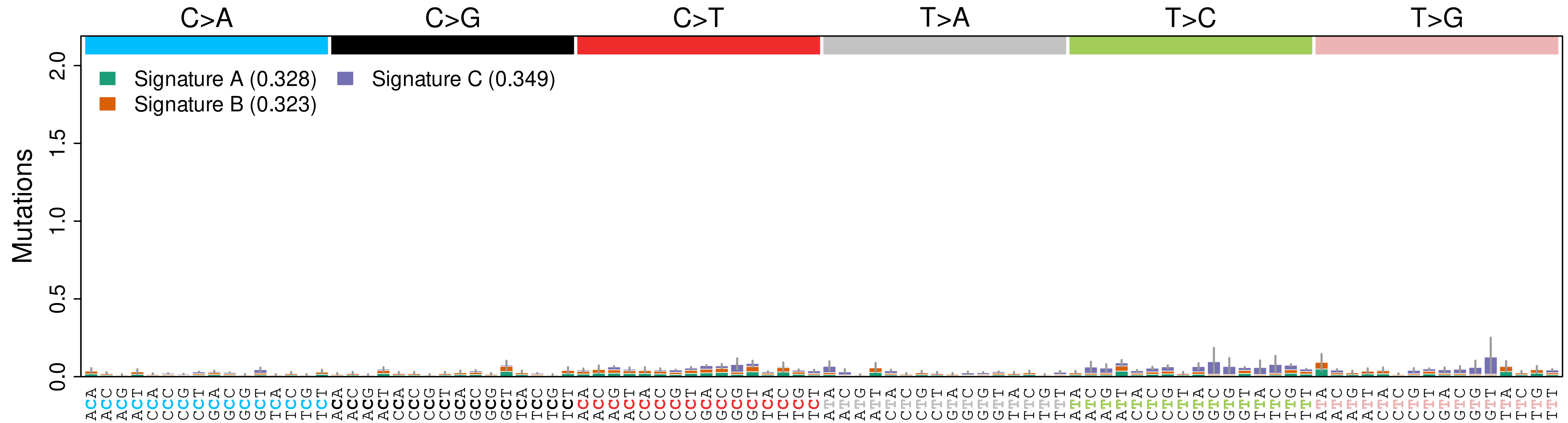
Reconstructed spectrum (cosine similarity = 0.212)



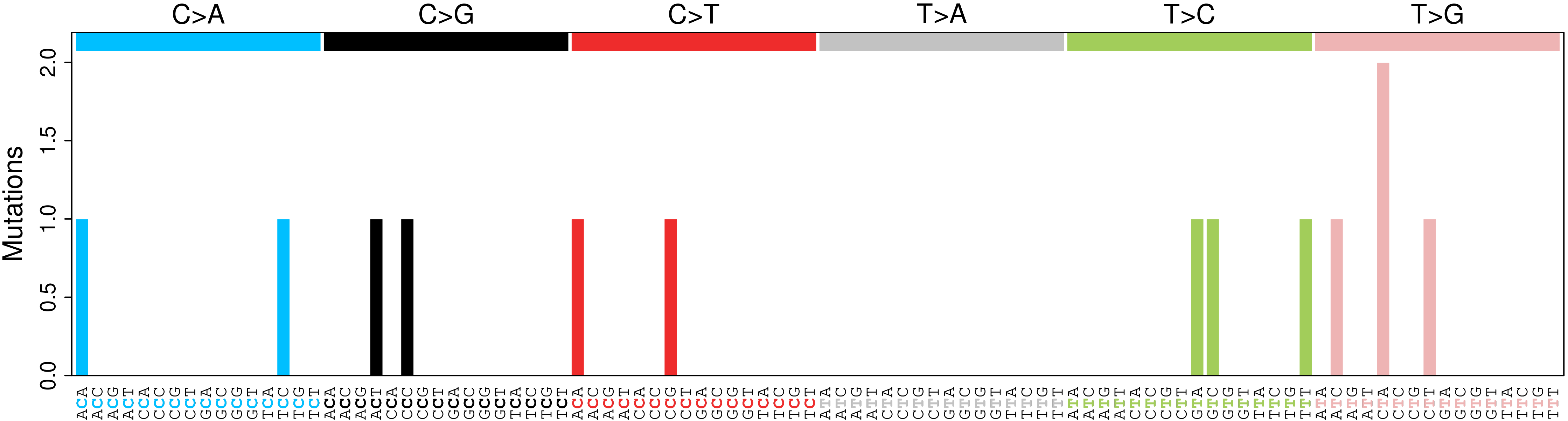
CATD0587a (4 mutations)



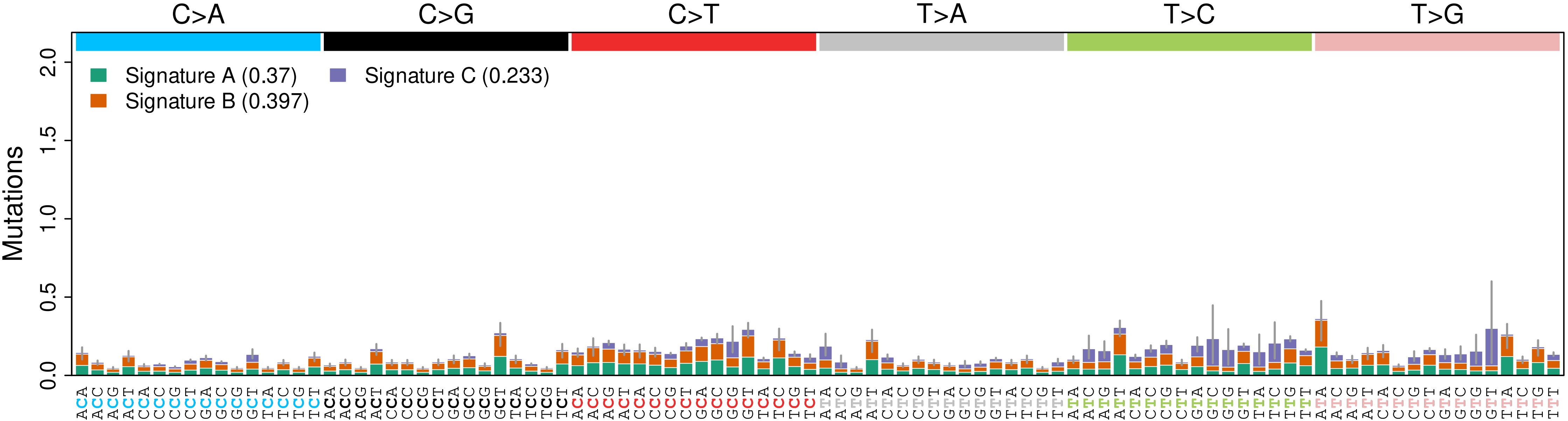
Reconstructed spectrum (cosine similarity = 0.161)



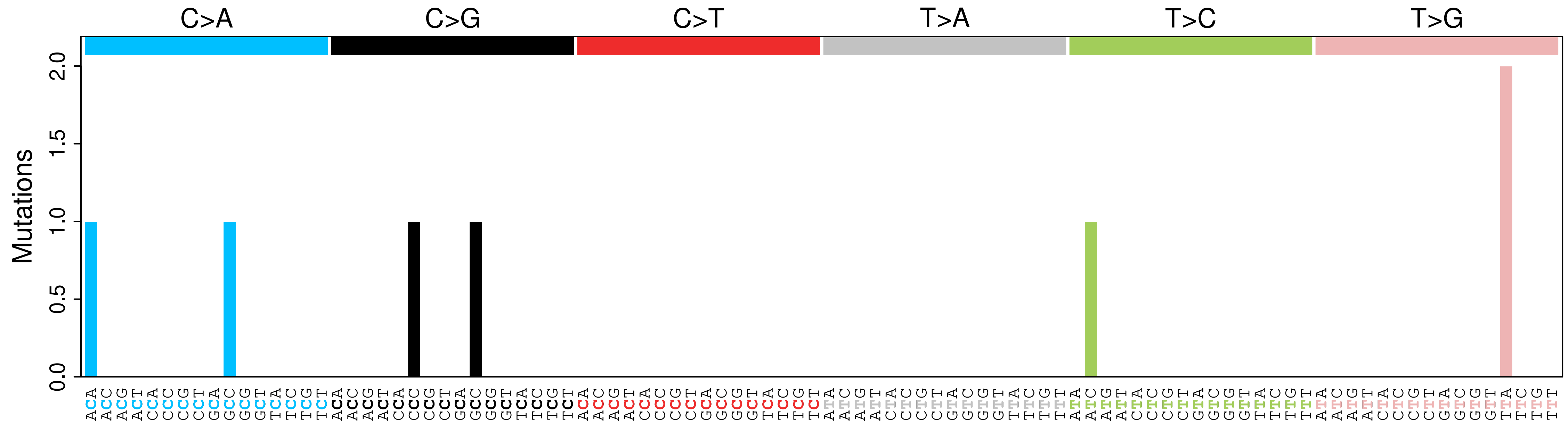
CATD0727a (13 mutations)



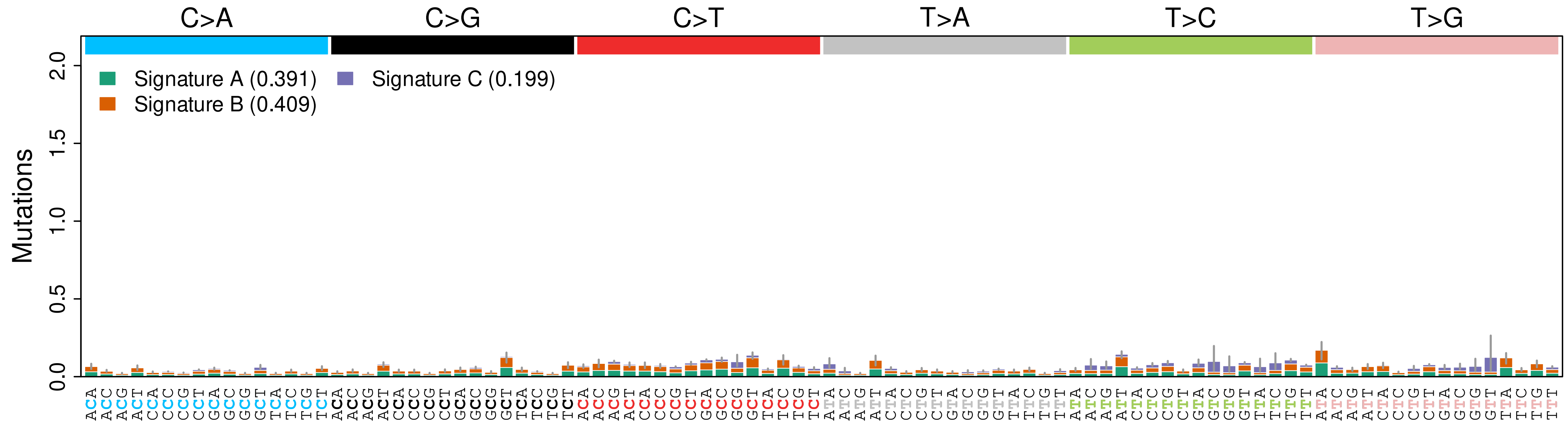
Reconstructed spectrum (cosine similarity = 0.344)



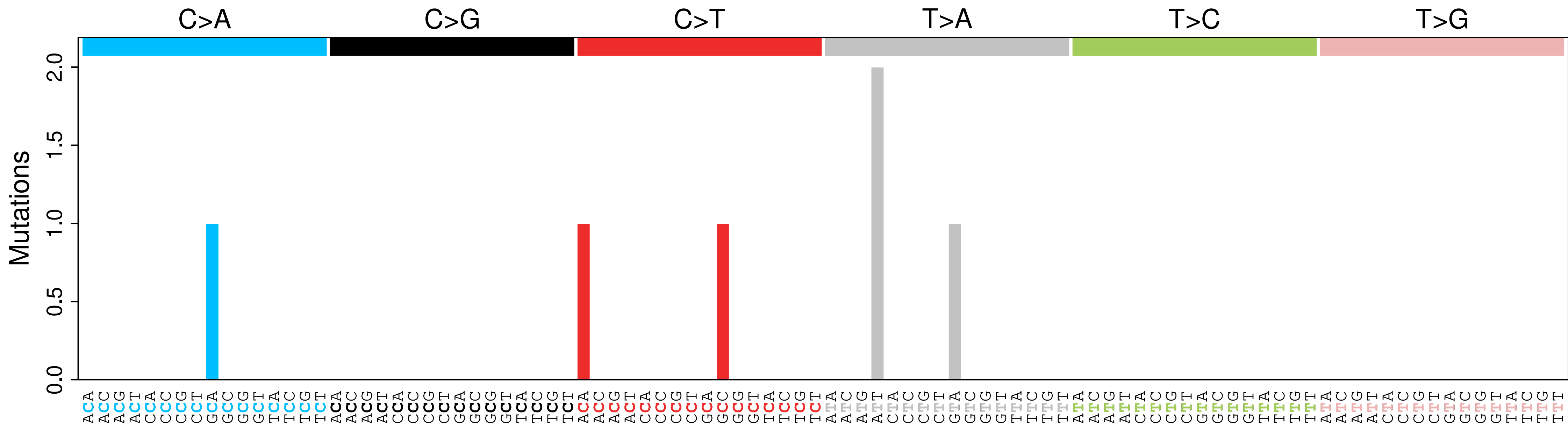
CATD0583a (7 mutations)



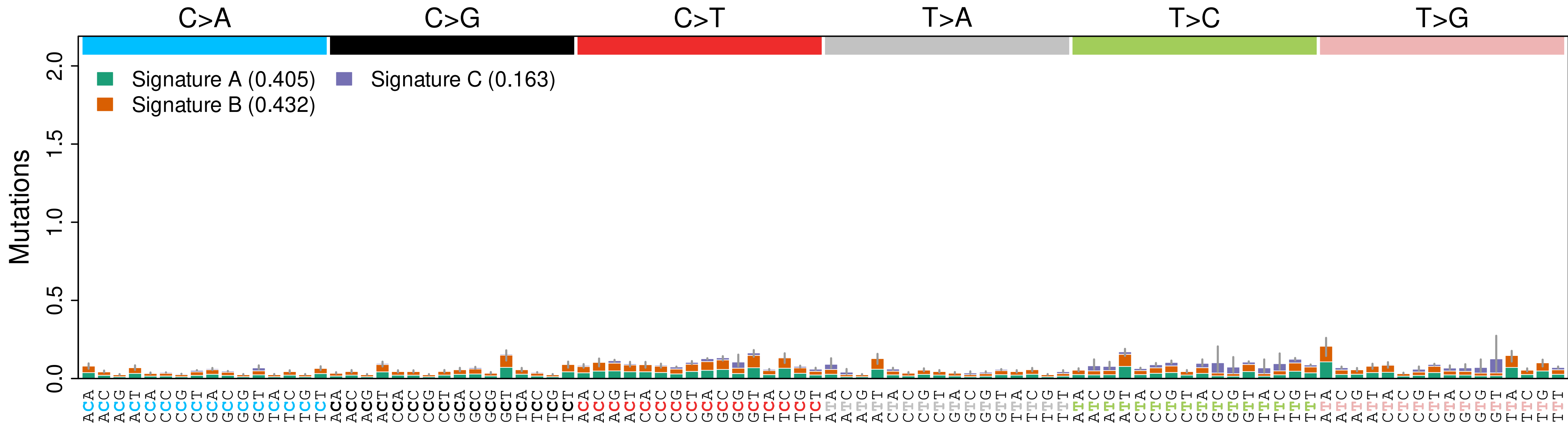
Reconstructed spectrum (cosine similarity = 0.26)



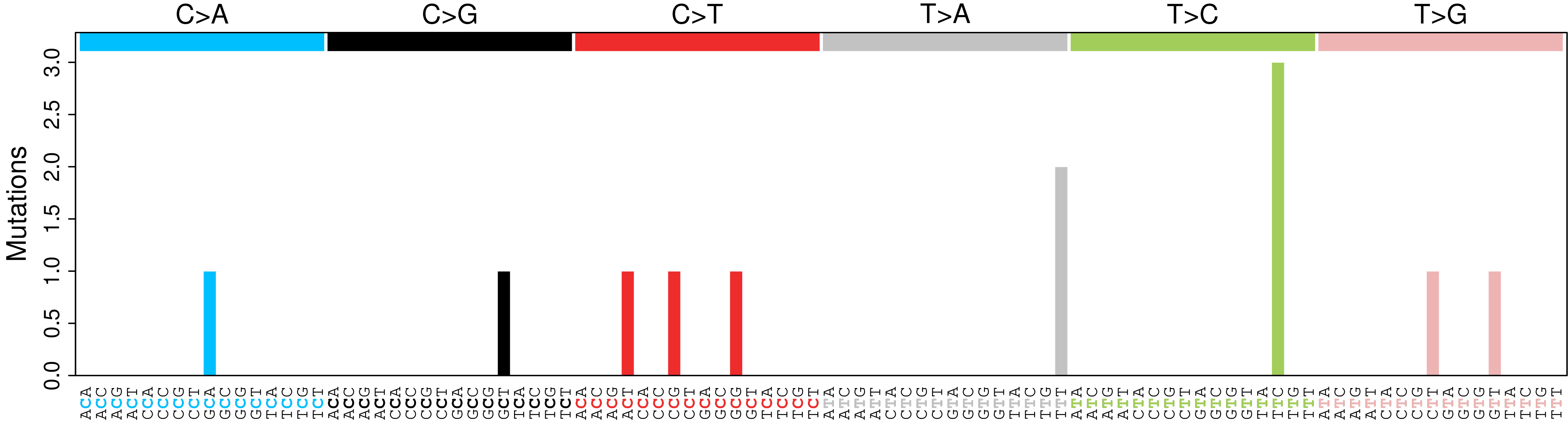
CATD0732a (6 mutations)



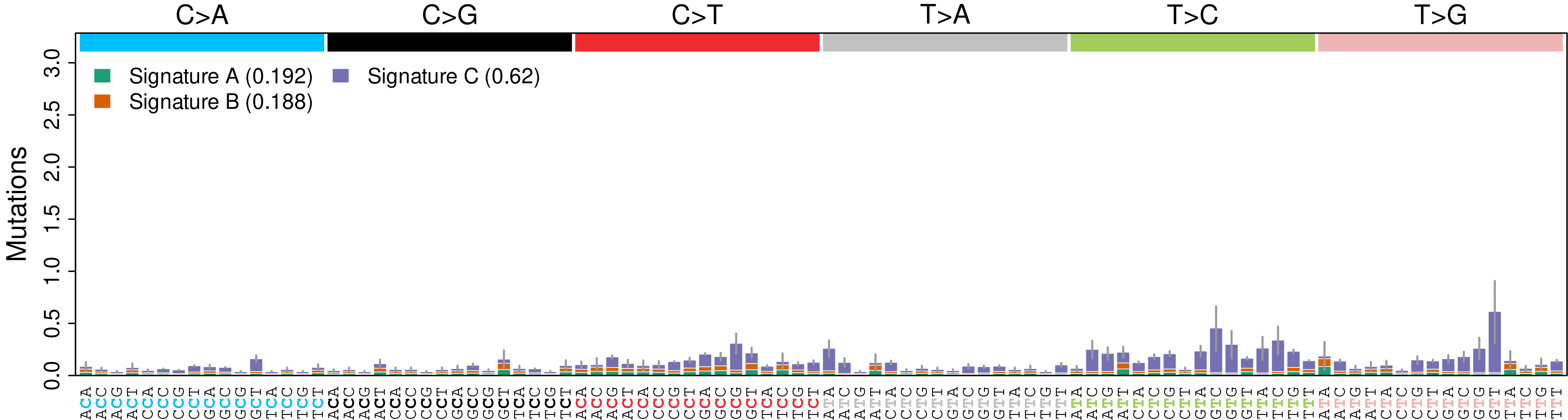
Reconstructed spectrum (cosine similarity = 0.257)



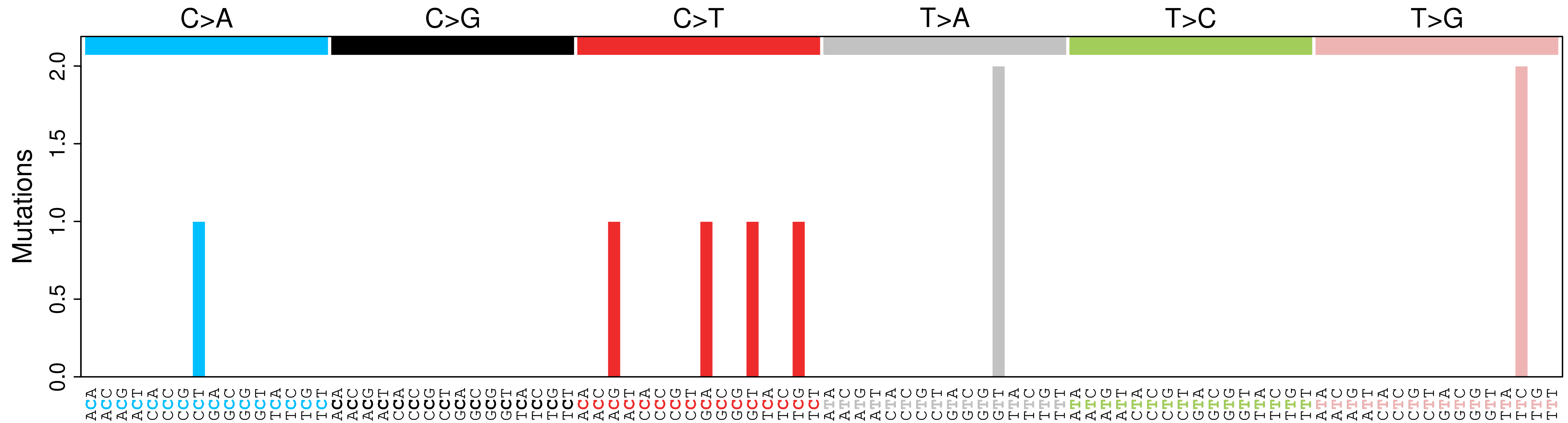
CATD0725a (12 mutations)



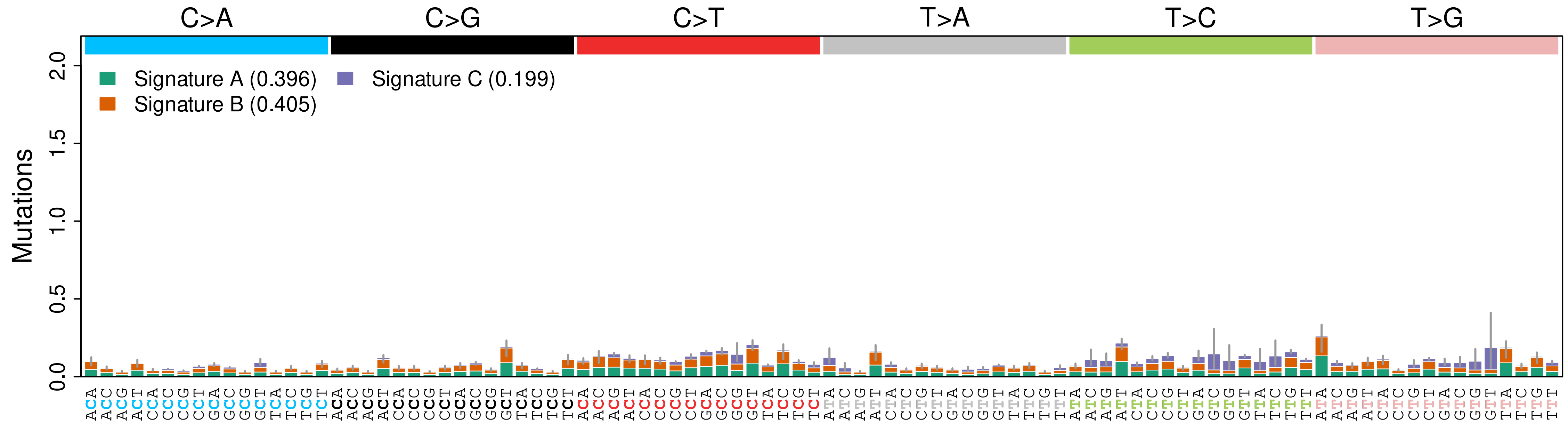
Reconstructed spectrum (cosine similarity = 0.407)



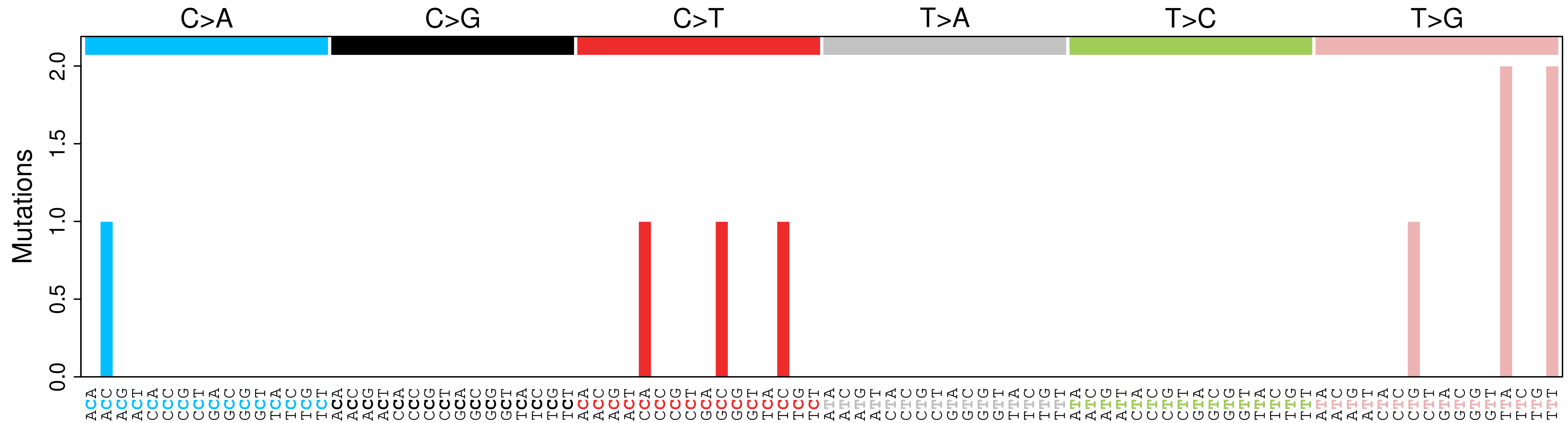
CATD0606a (9 mutations)



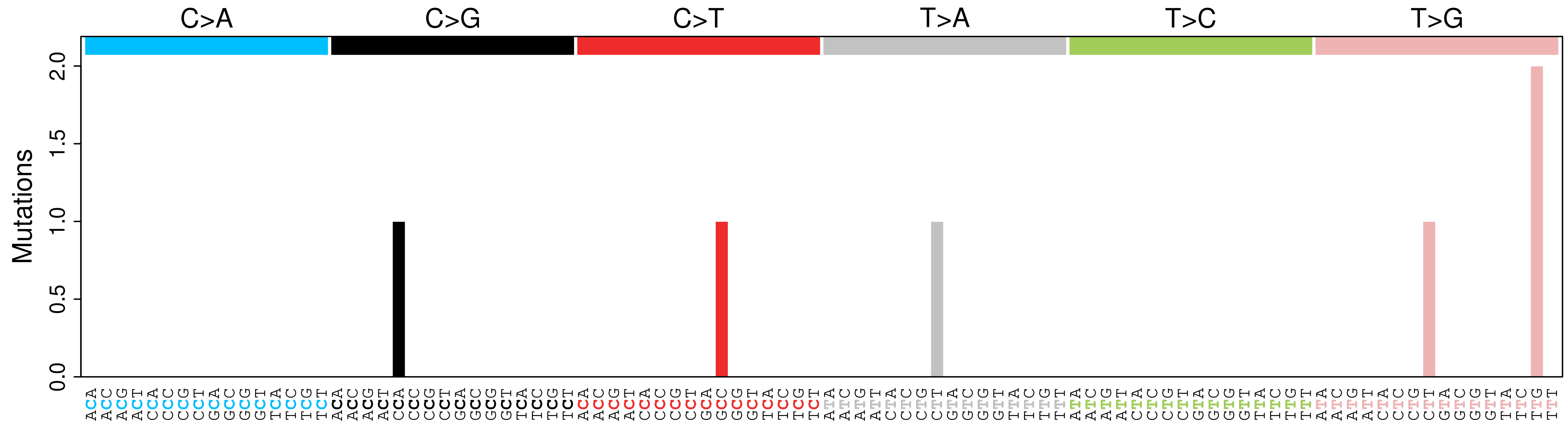
Reconstructed spectrum (cosine similarity = 0.263)



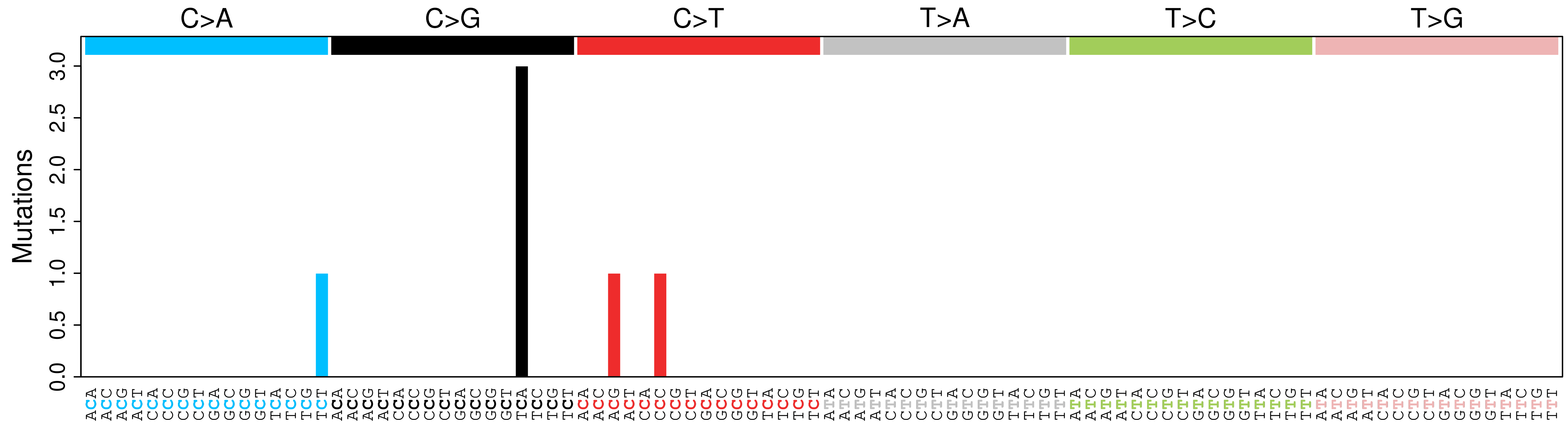
CATD0588a (9 mutations)



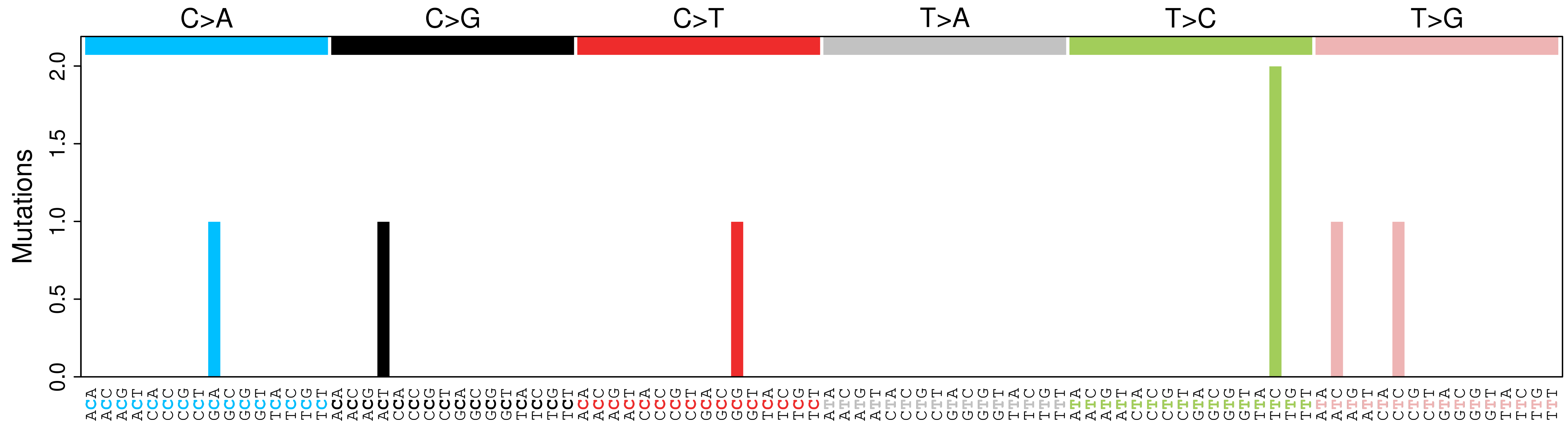
CATD0572a (6 mutations)



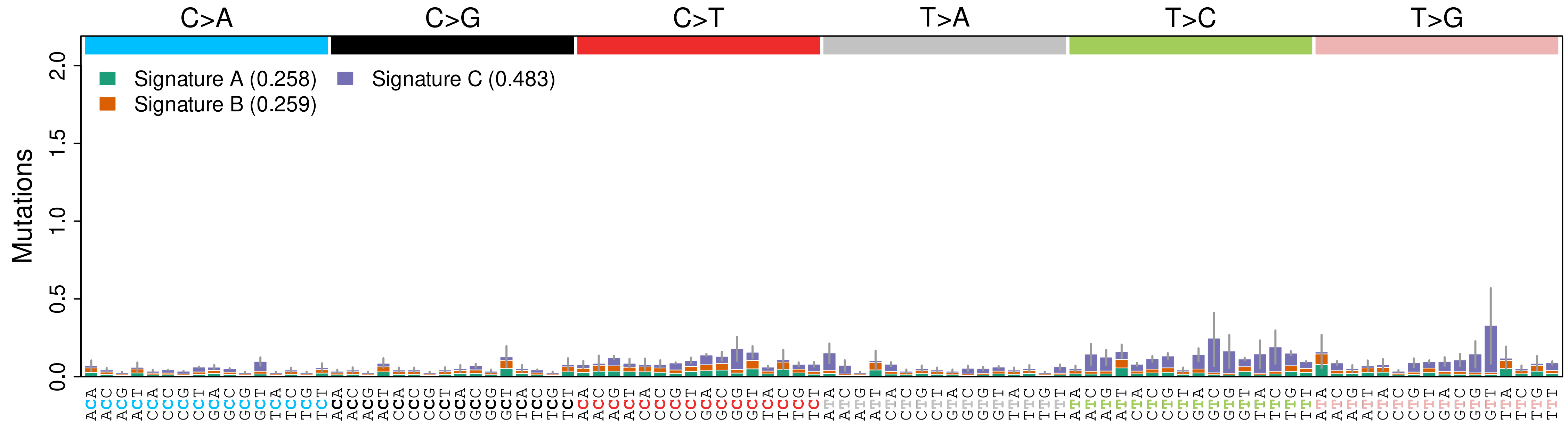
CATD0592a (6 mutations)



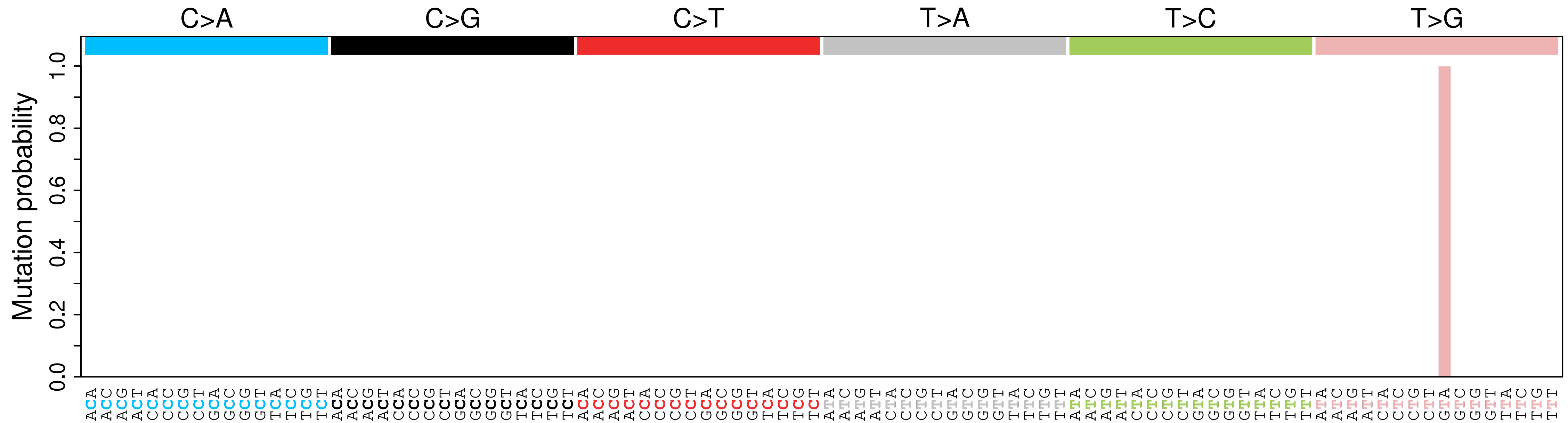
CATD0603a (7 mutations)



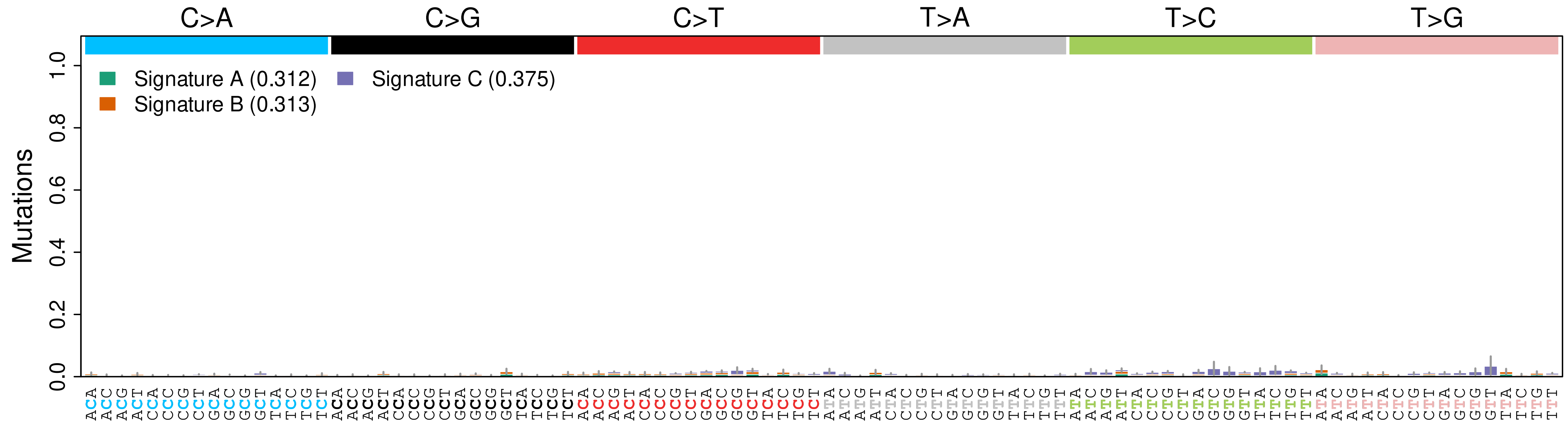
Reconstructed spectrum (cosine similarity = 0.289)



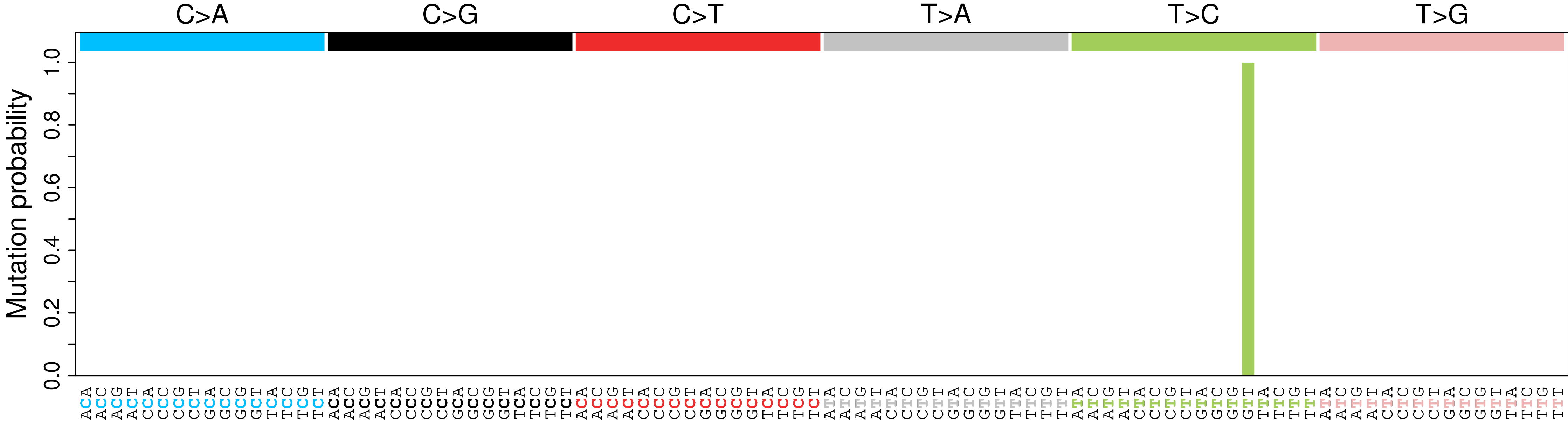
CATD0722a



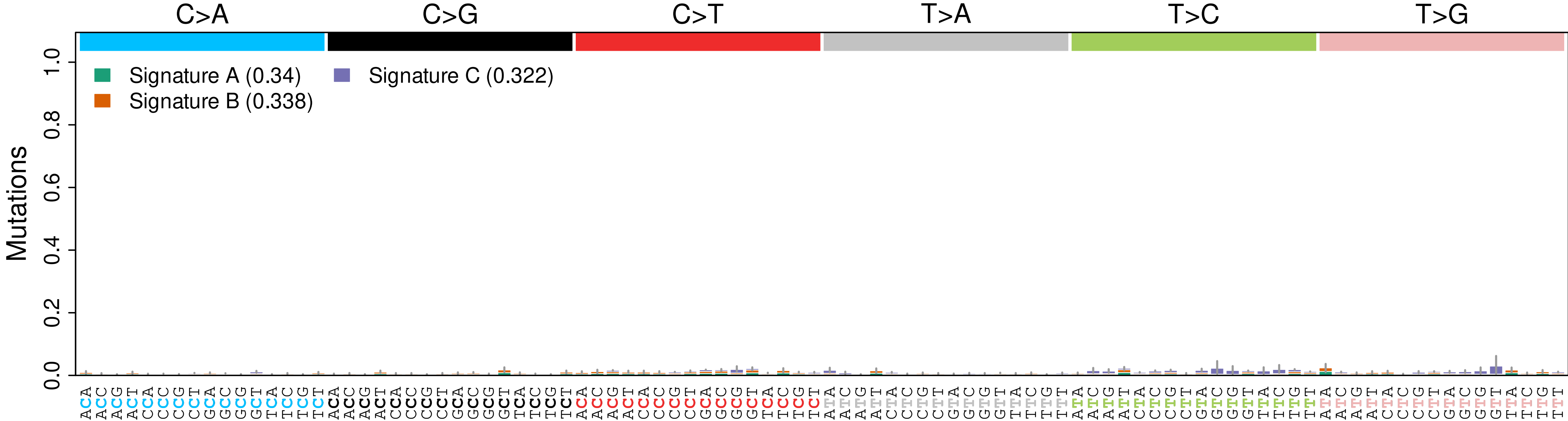
Reconstructed spectrum (cosine similarity = 0.098)



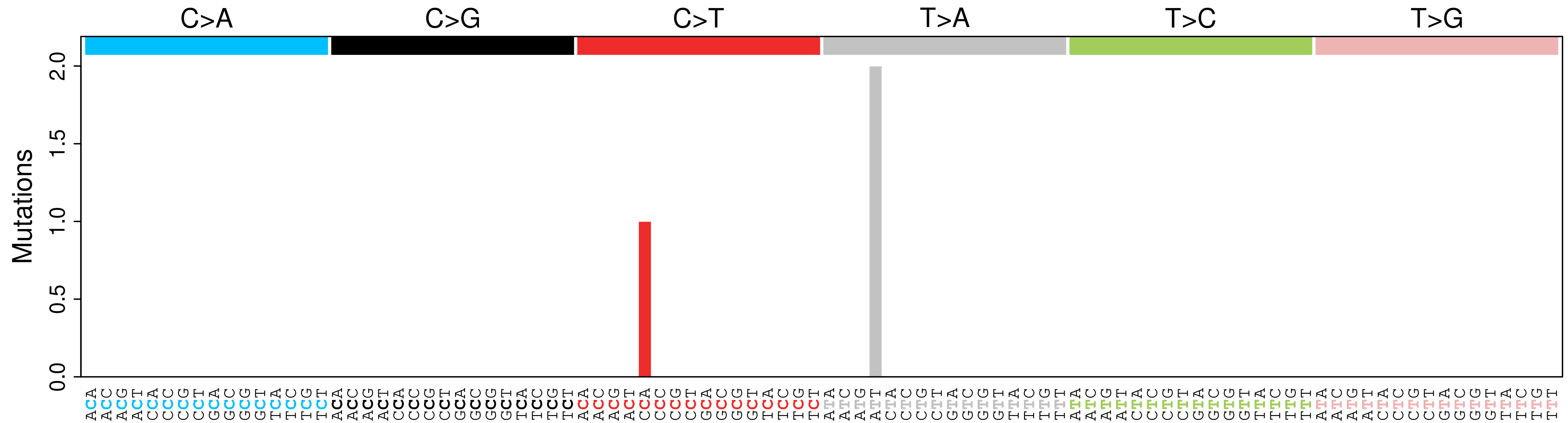
CATD0582a



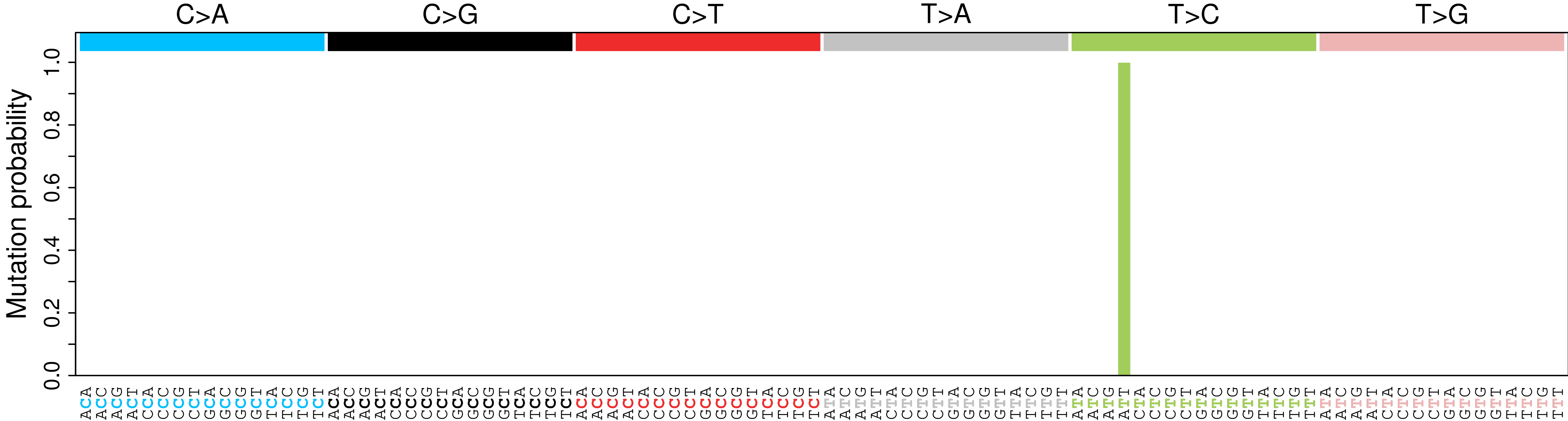
Reconstructed spectrum (cosine similarity = 0.127)



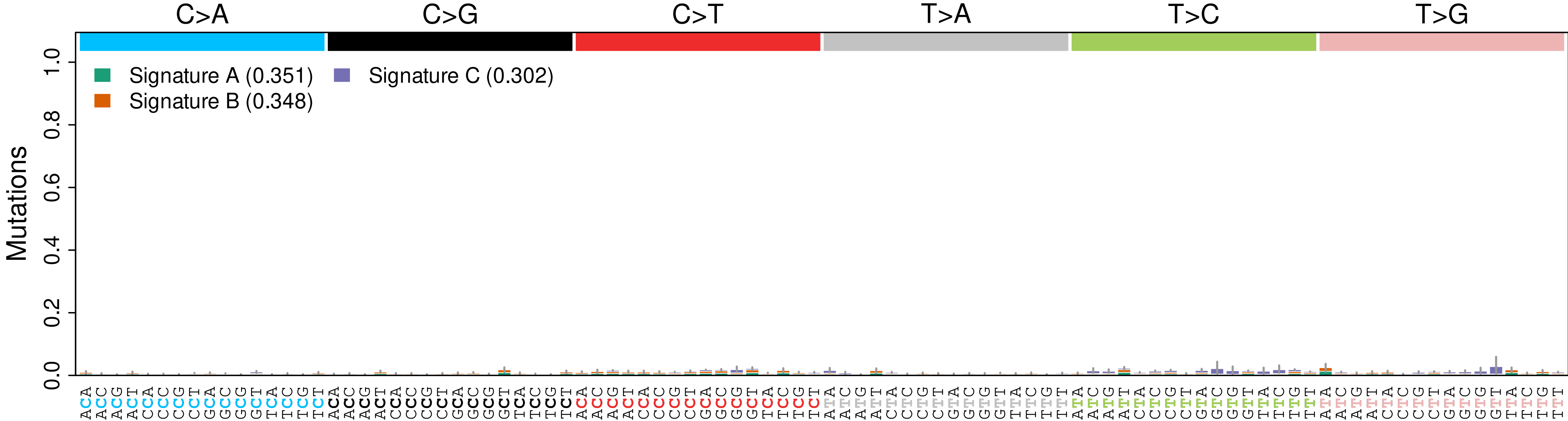
CATD0585a (3 mutations)



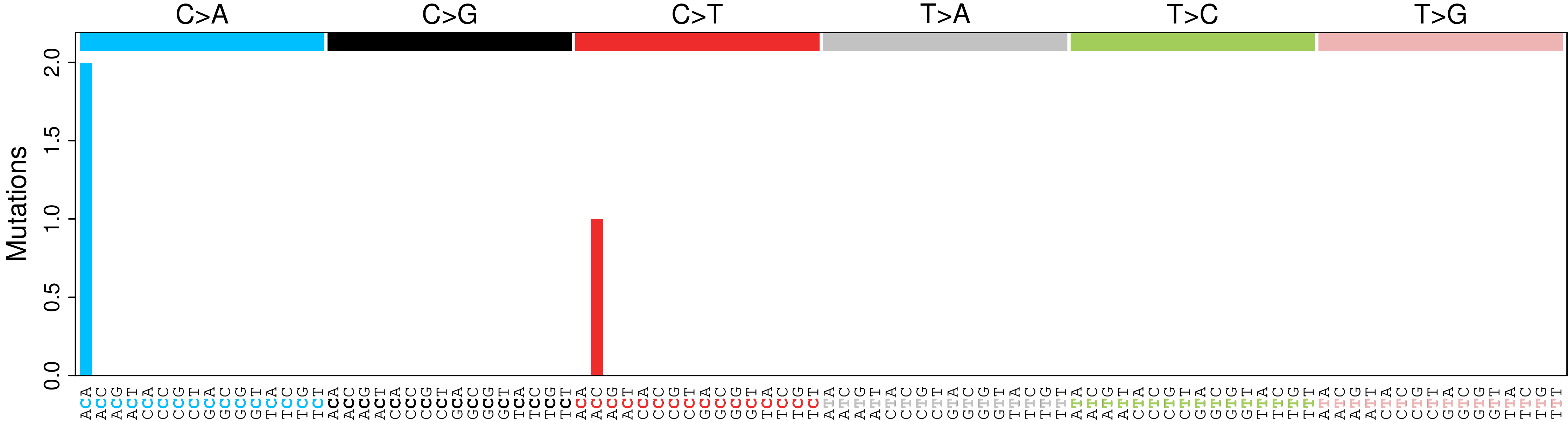
CATD0593a



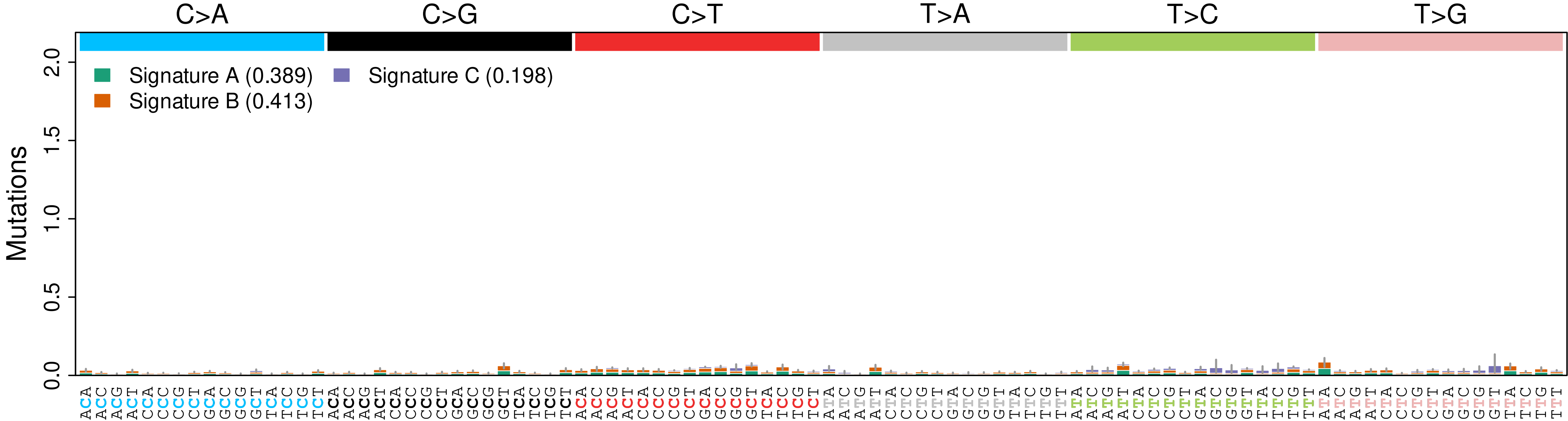
Reconstructed spectrum (cosine similarity = 0.198)



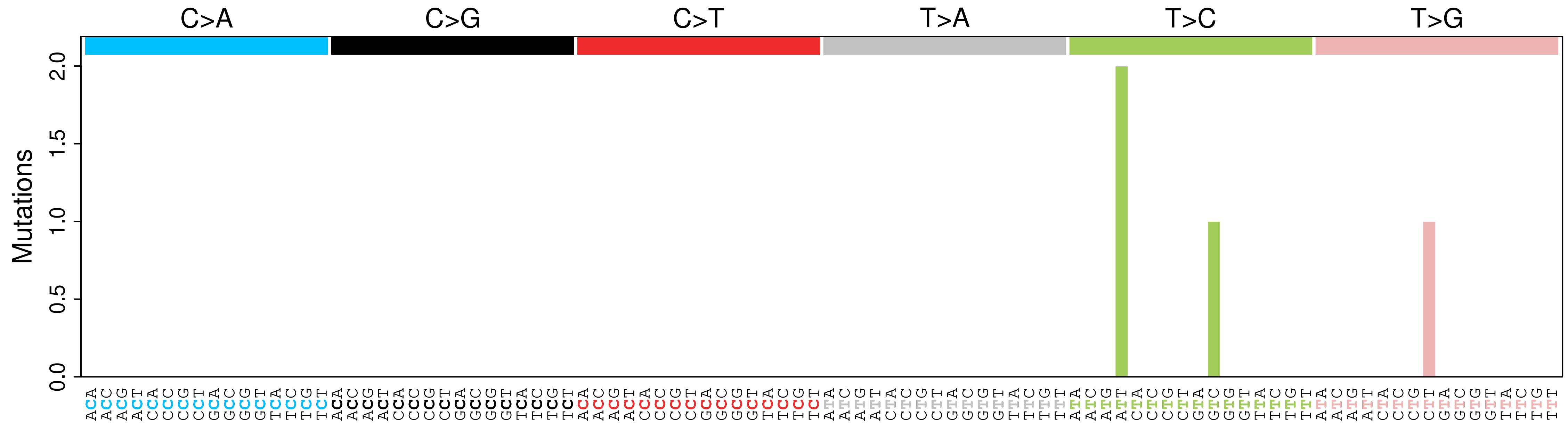
CATD0581a (3 mutations)



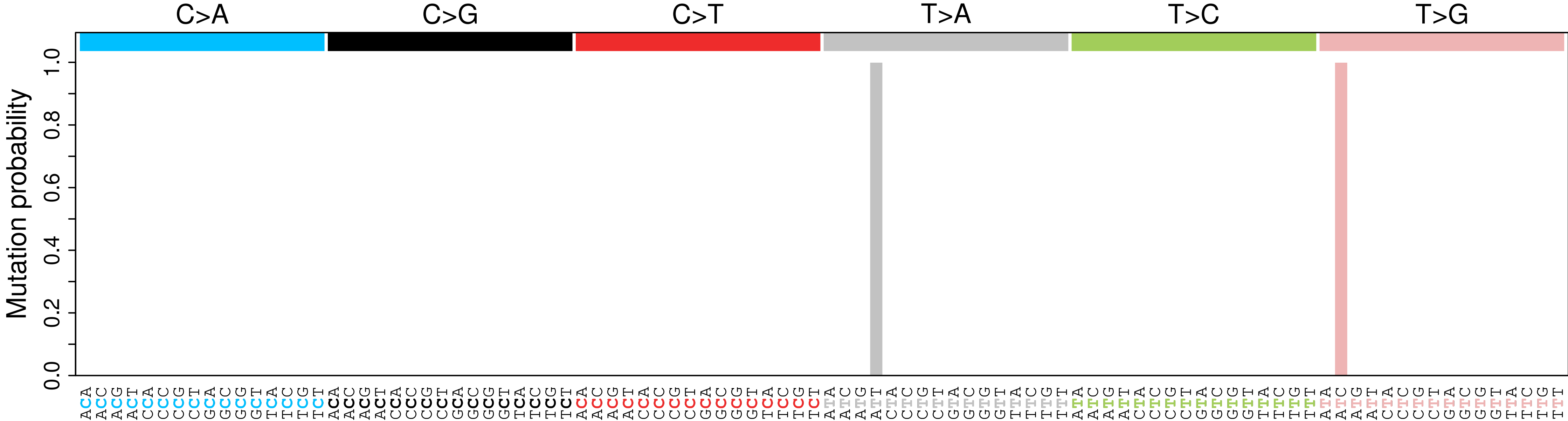
Reconstructed spectrum (cosine similarity = 0.149)



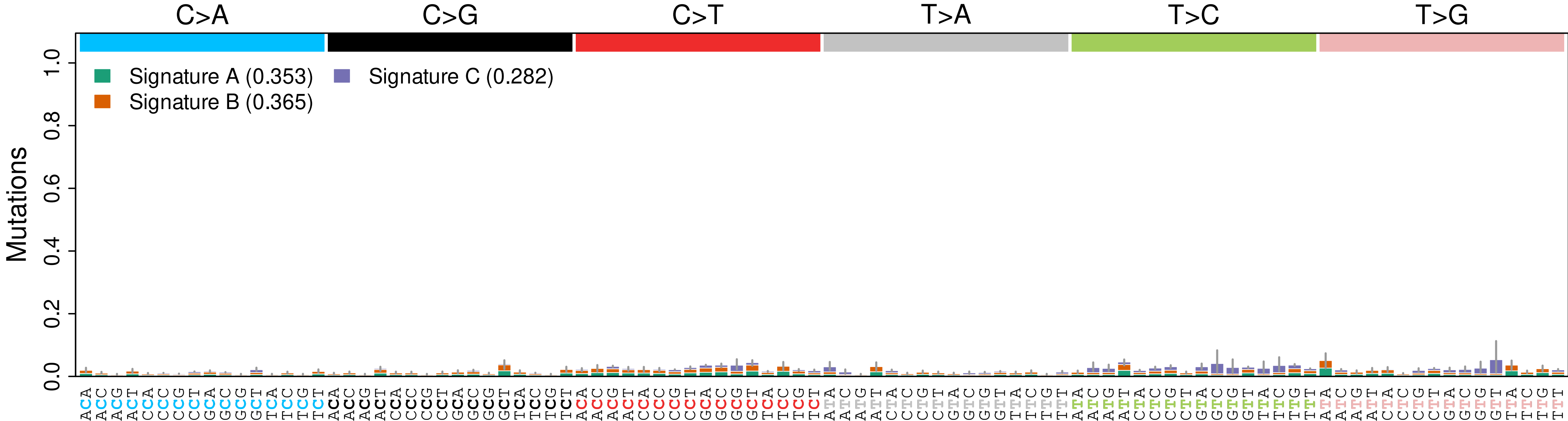
CATD0736a (4 mutations)



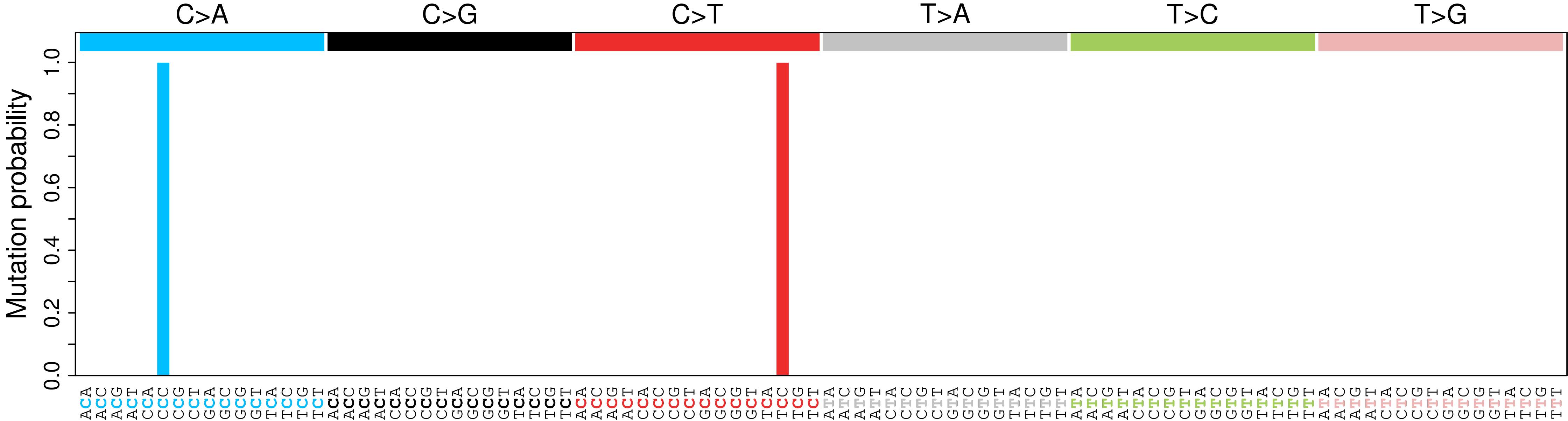
CATD0596a



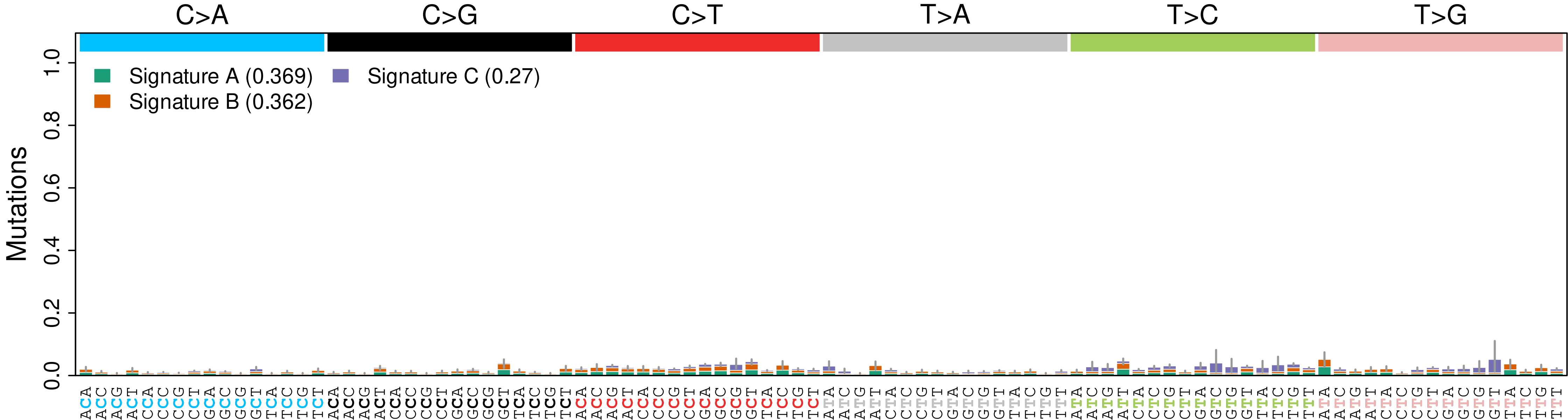
Reconstructed spectrum (cosine similarity = 0.166)

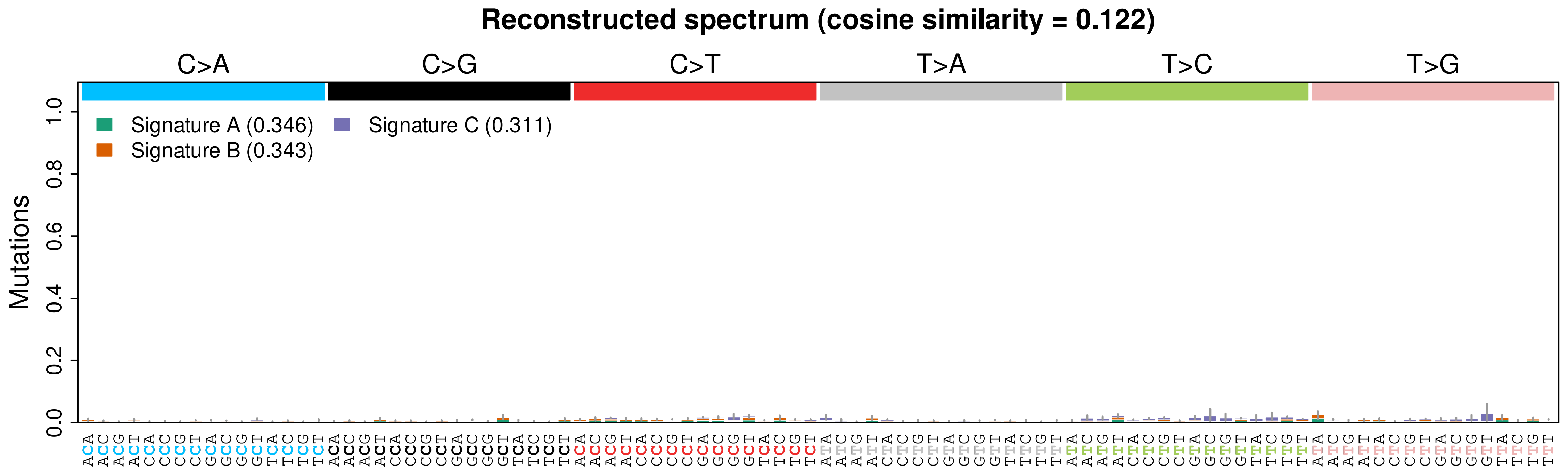
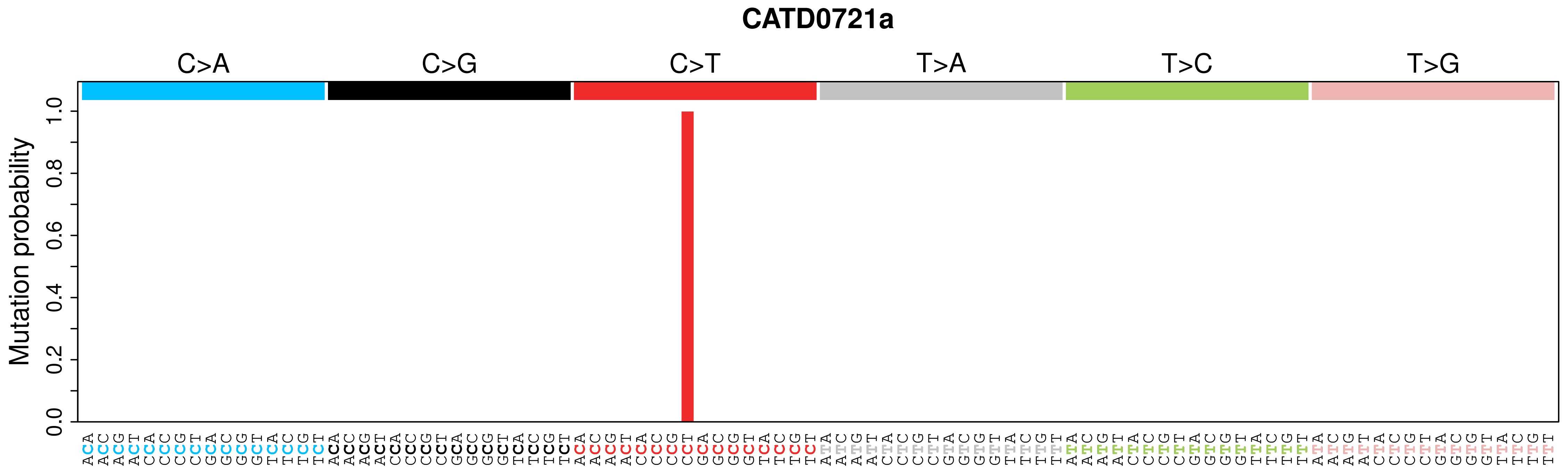


CATD0719a

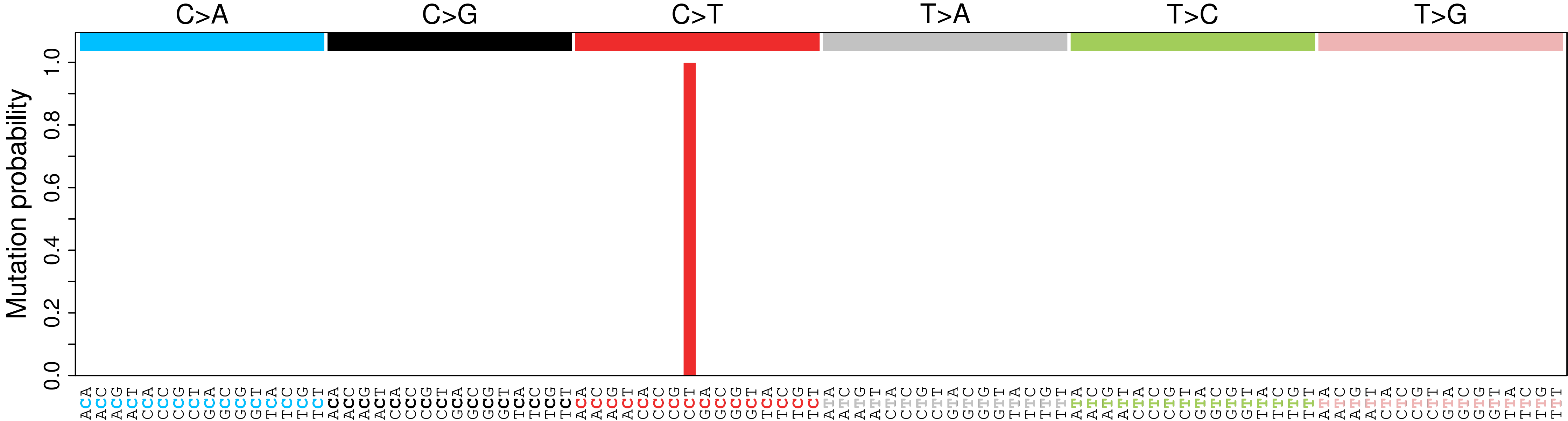


Reconstructed spectrum (cosine similarity = 0.144)

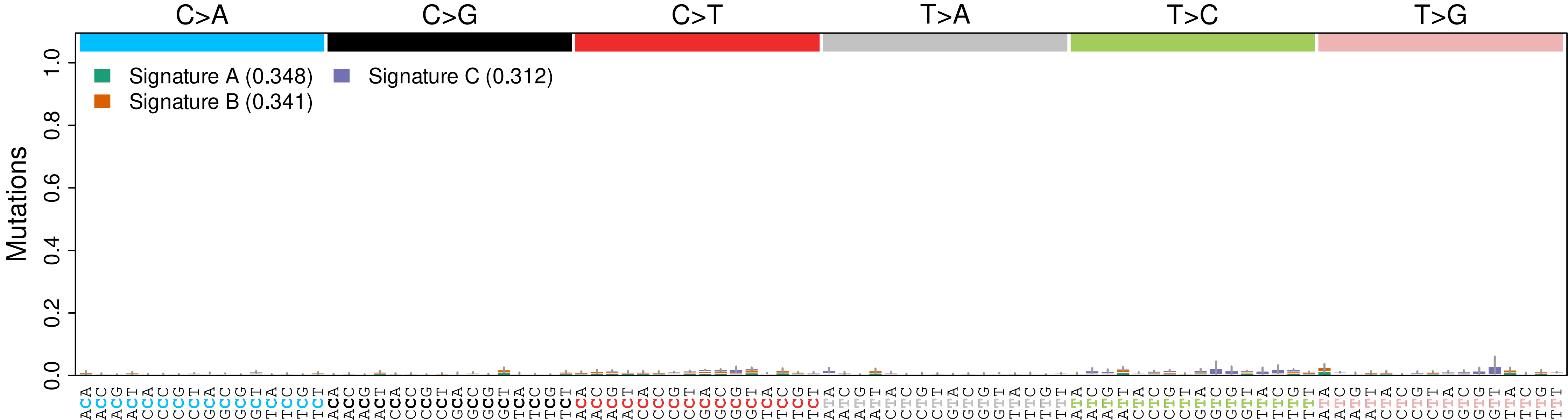




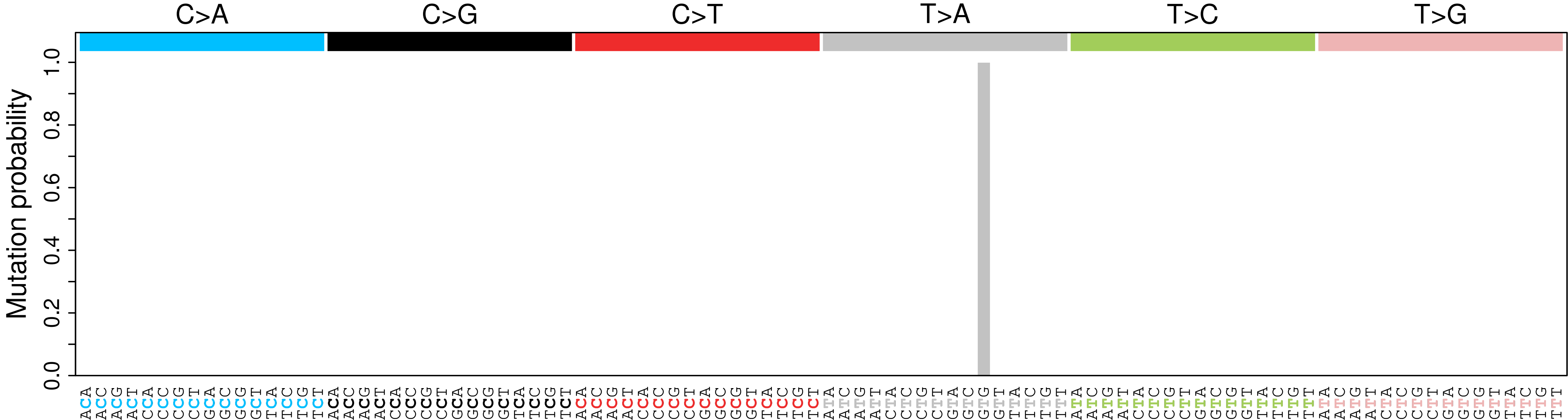
CATD0604a



Reconstructed spectrum (cosine similarity = 0.122)



CATD0682a



Reconstructed spectrum (cosine similarity = 0.055)

