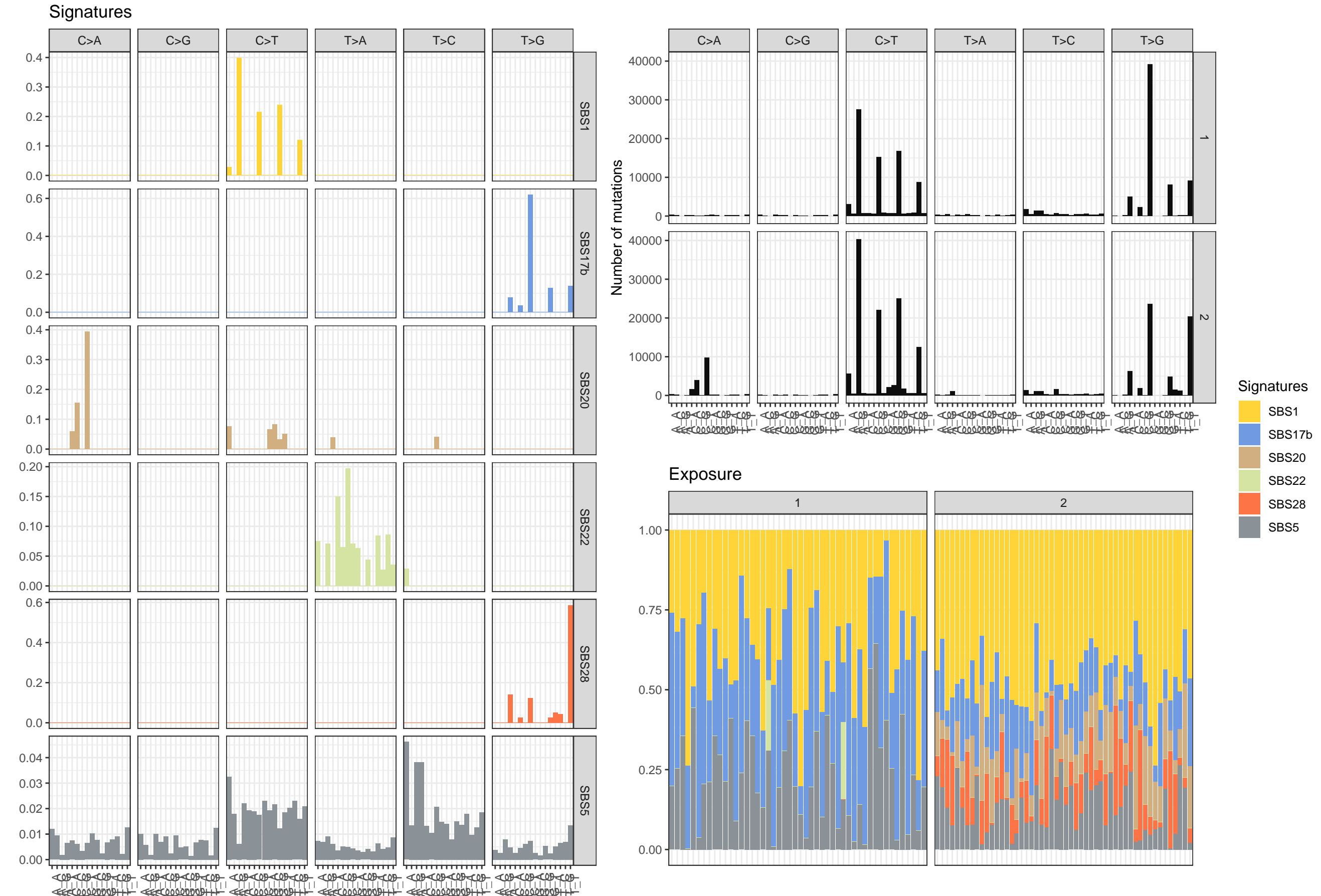
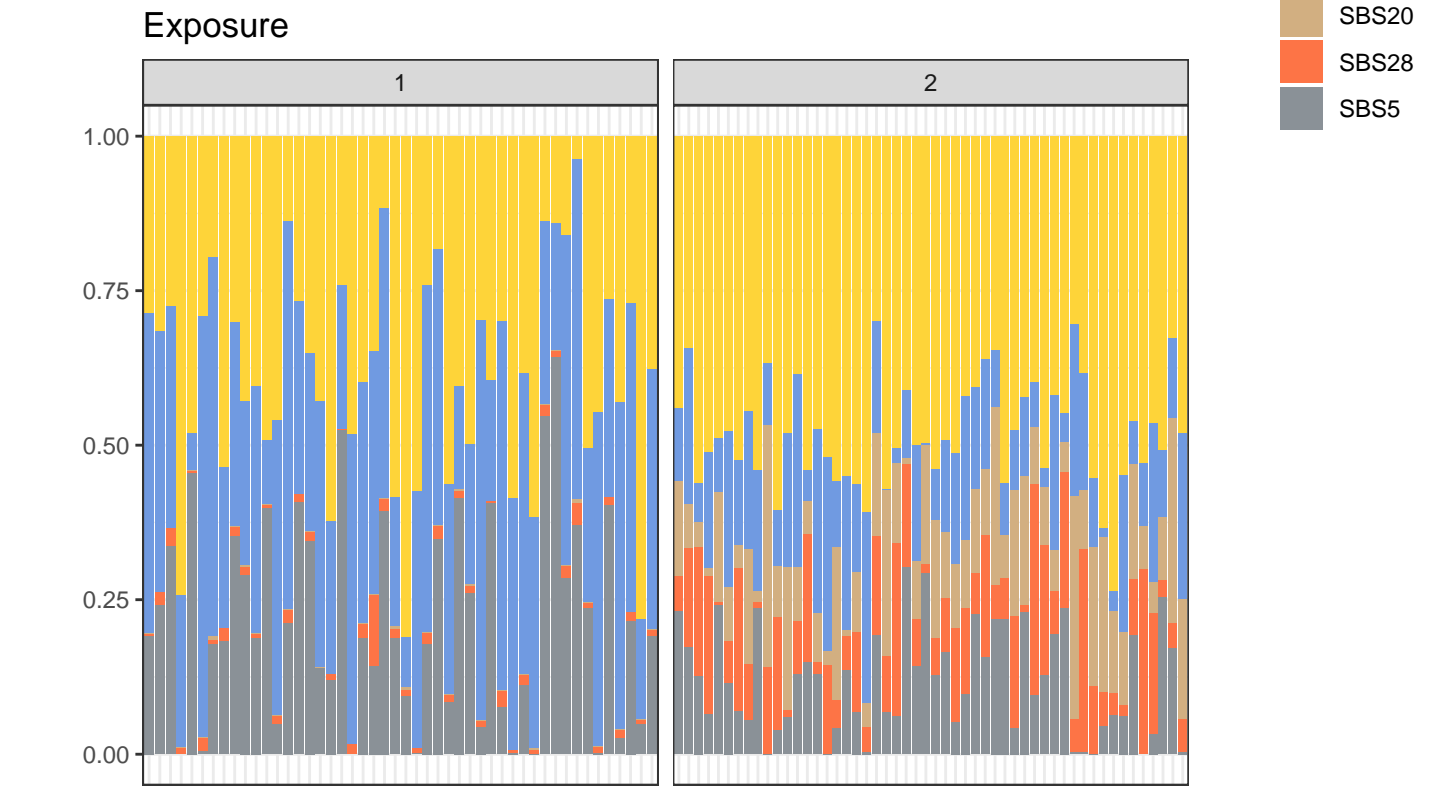
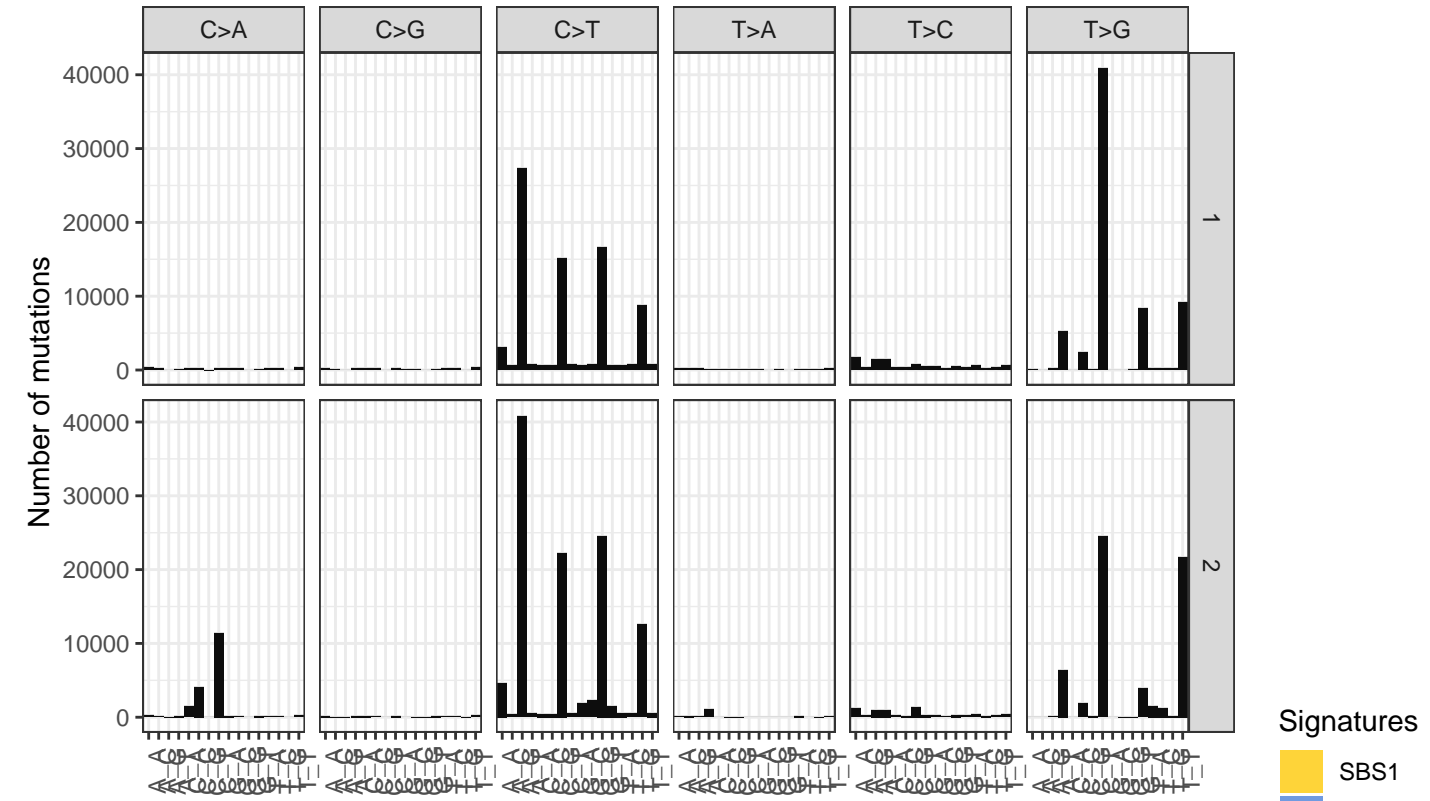
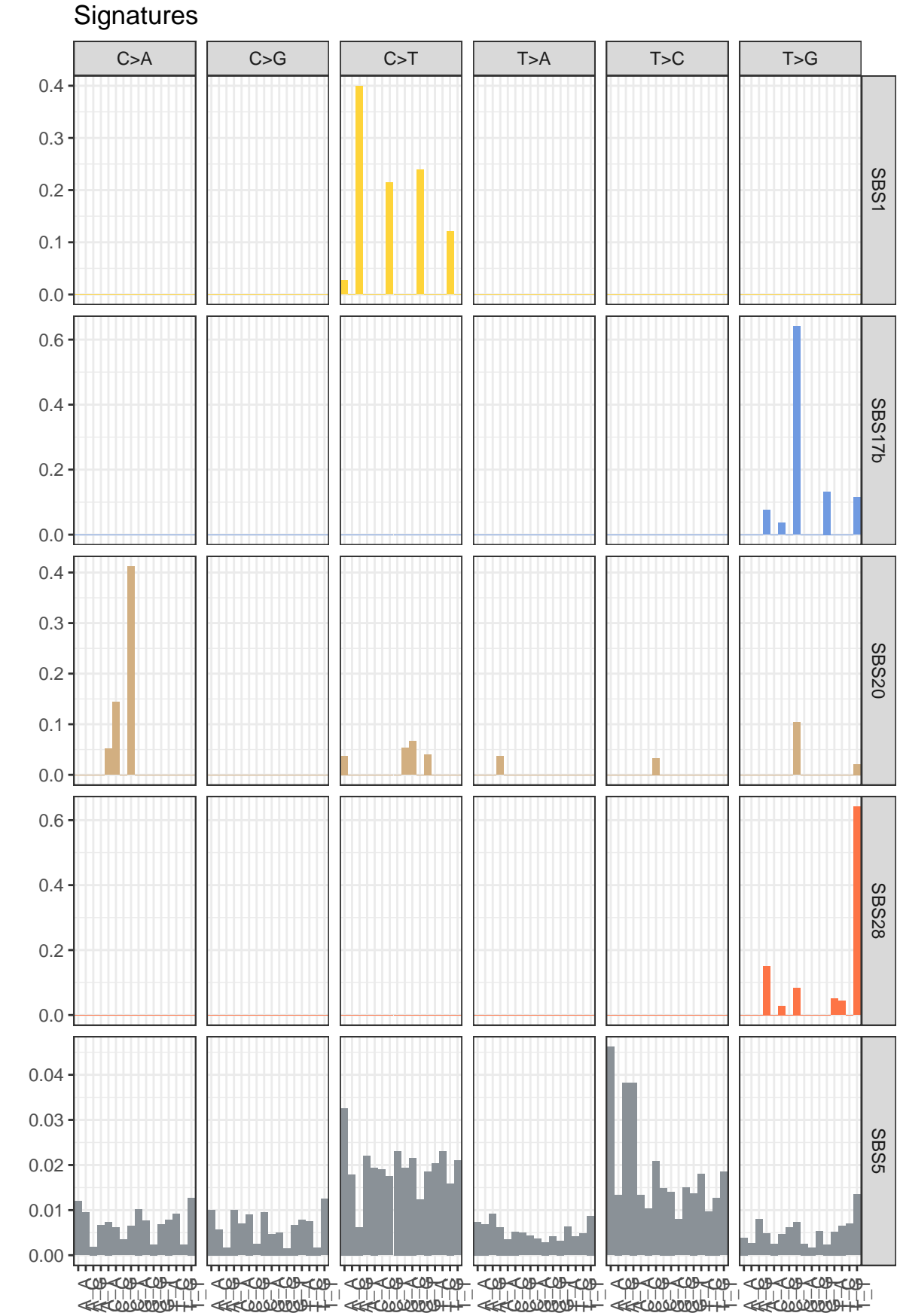


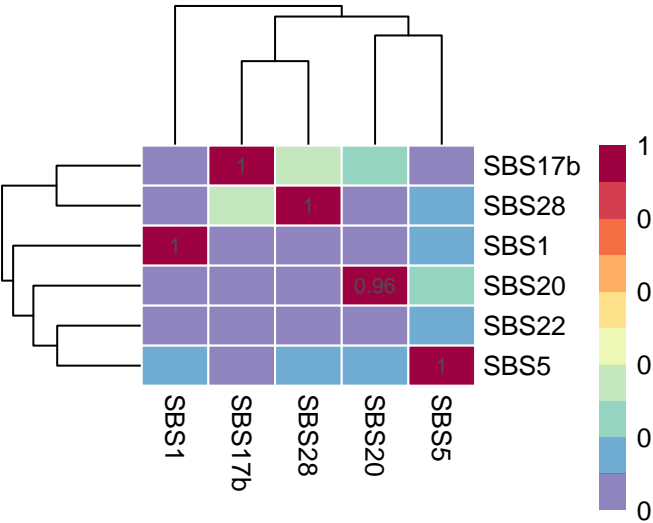
SIMUL: Rare sigs SBS22 frequency 0.05 – Common sigs SBS20



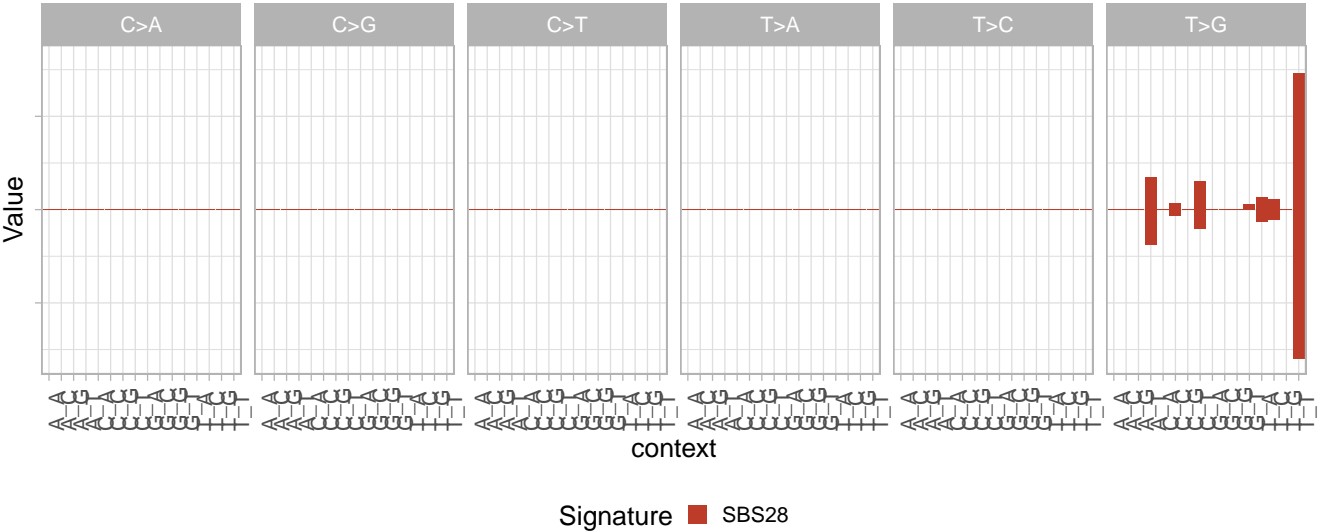
FIT: Rare sigs SBS22 frequency 0.05 – Common sigs SBS20

Missing sigs SBS22 – Added sigs

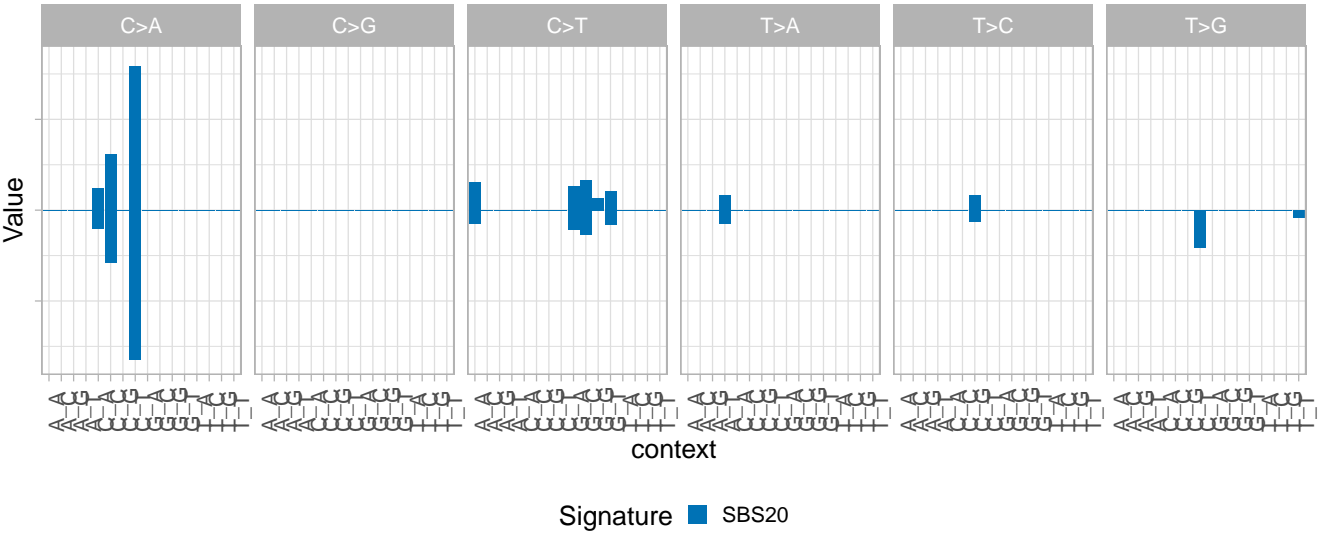




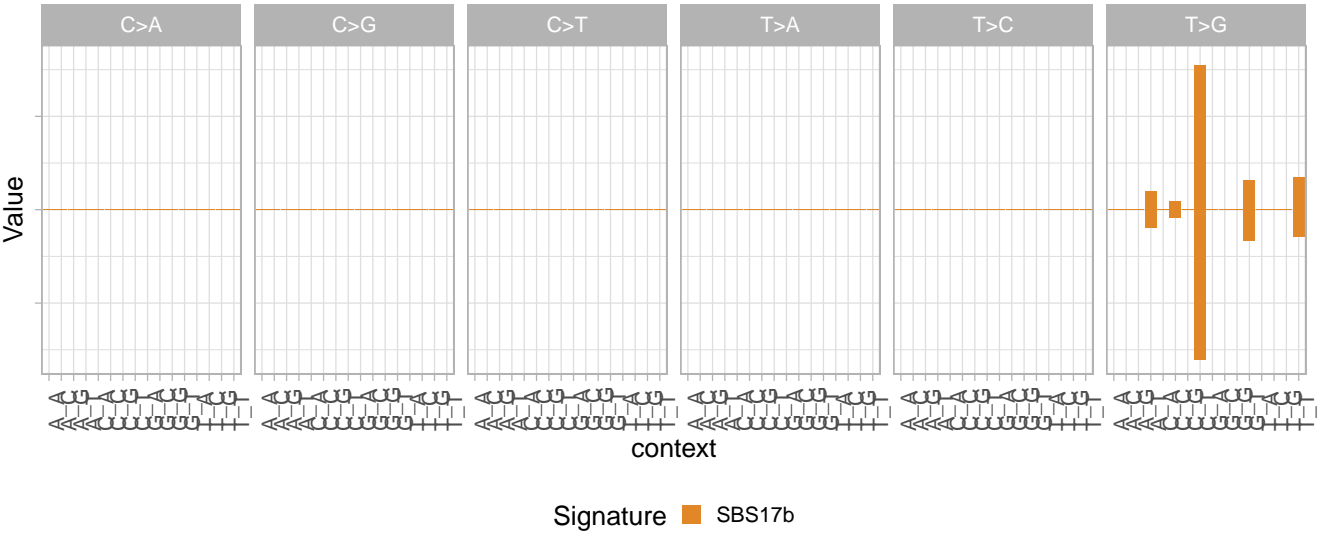
SBS28 vs SBS28 cosine similarity $\theta = 0.9962715$



SBS20 vs SBS20 cosine similarity $\theta = 0.9649326$

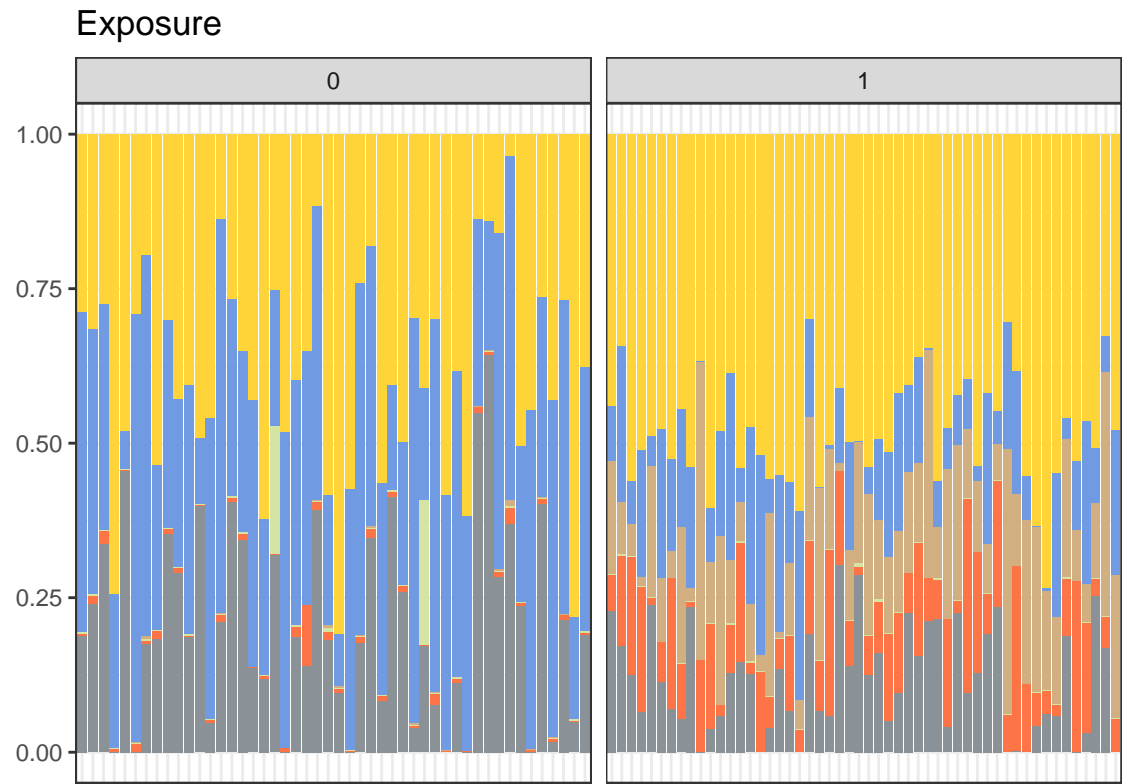
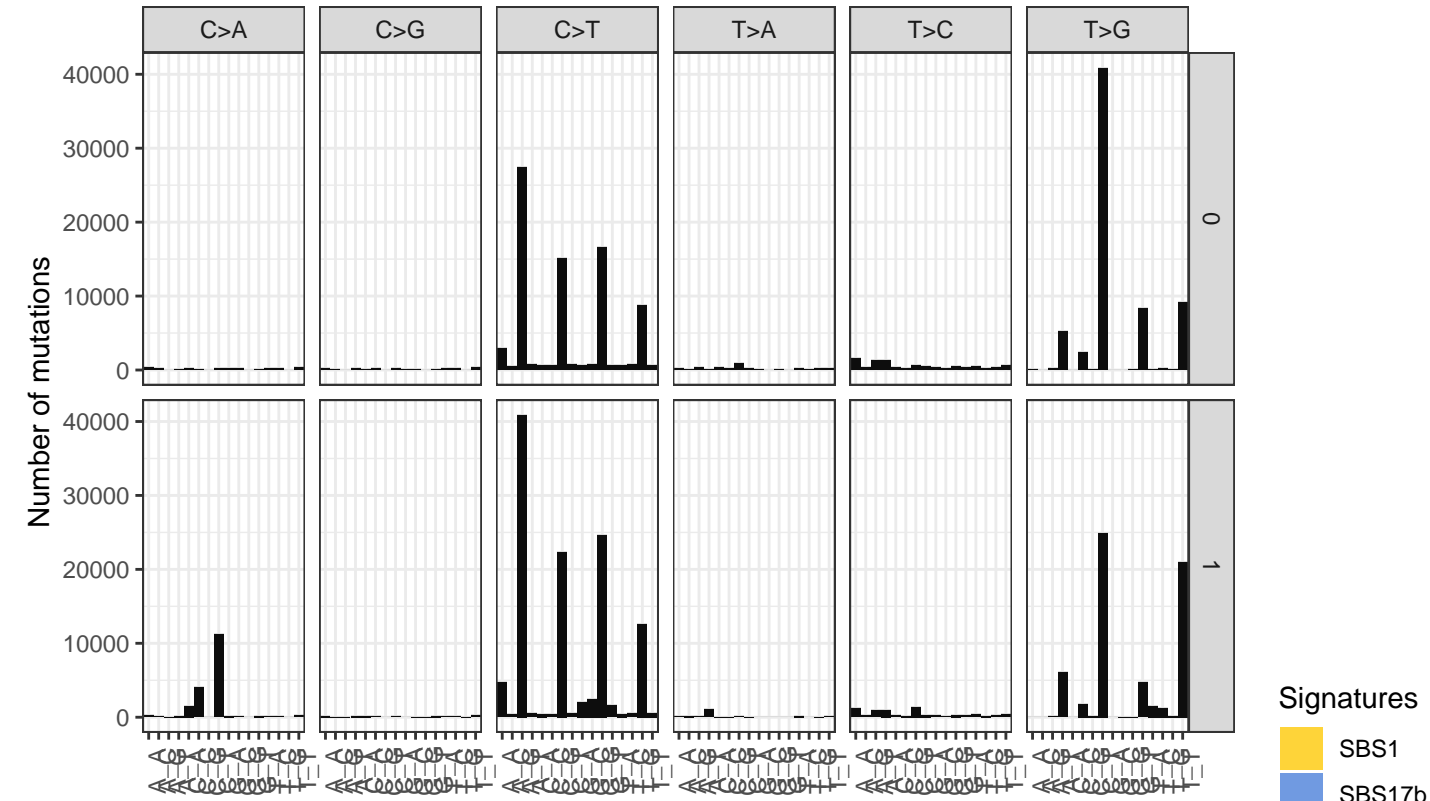
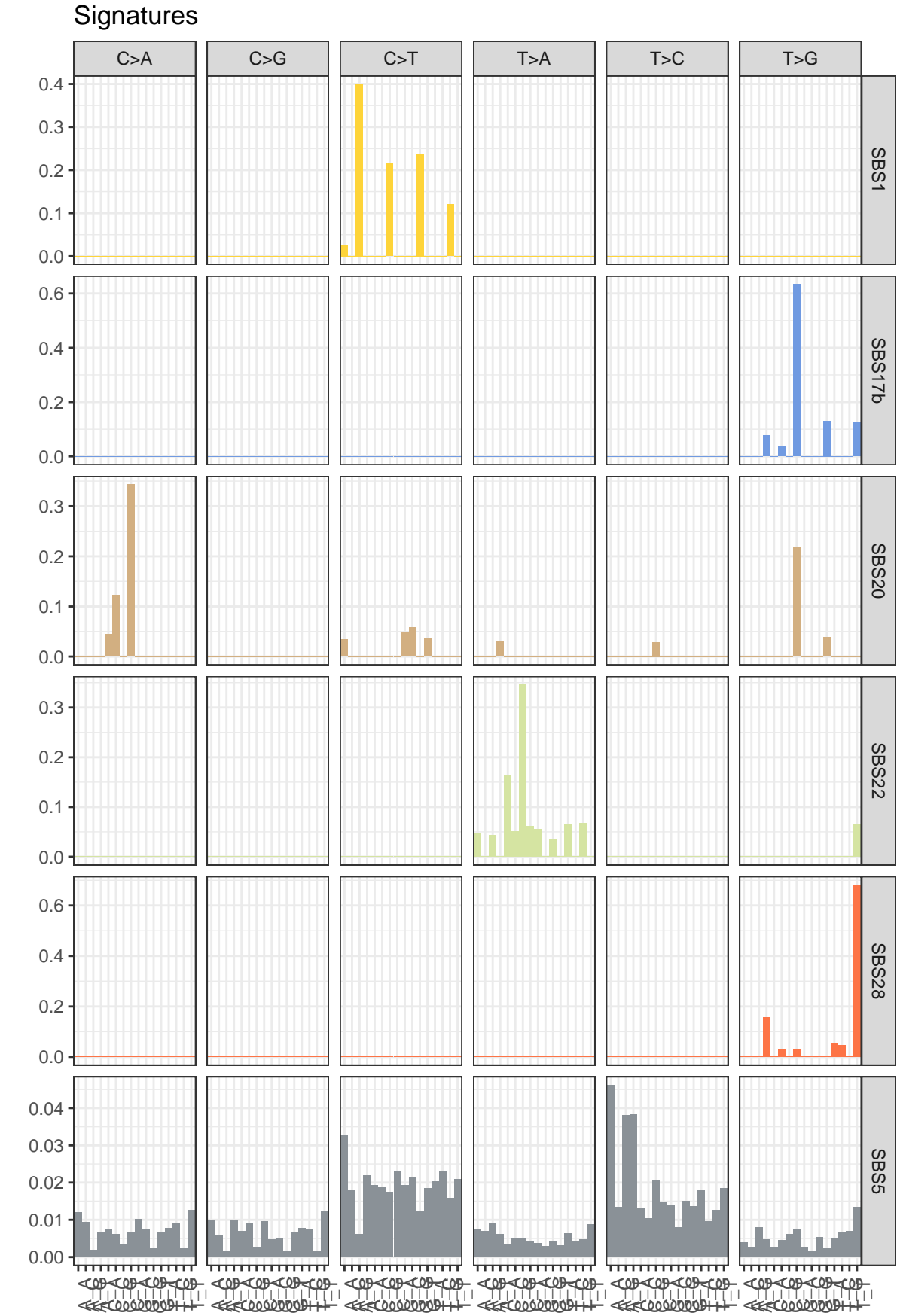


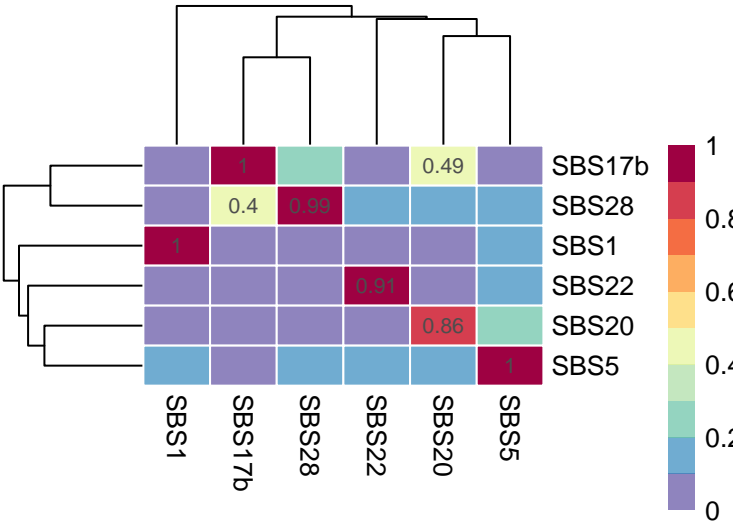
SBS17b vs SBS17b cosine similarity $\theta = 0.9992301$



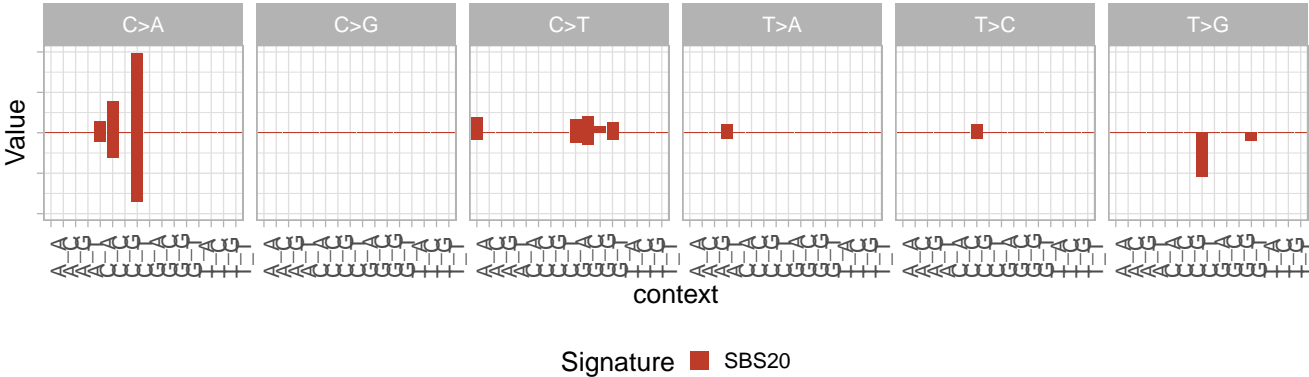
HIER FIT: Rare sigs SBS22 frequency 0.05 – Common sigs SBS20

Missing sigs – Added sigs

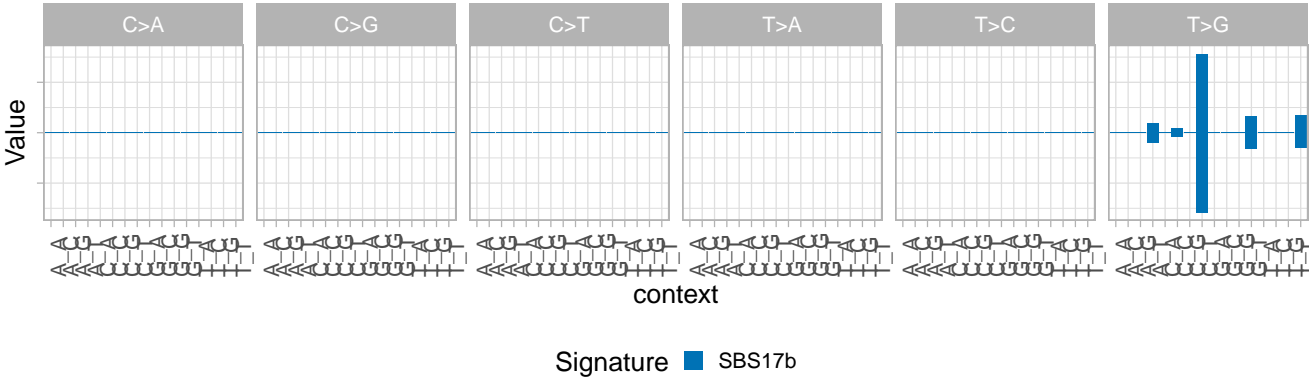




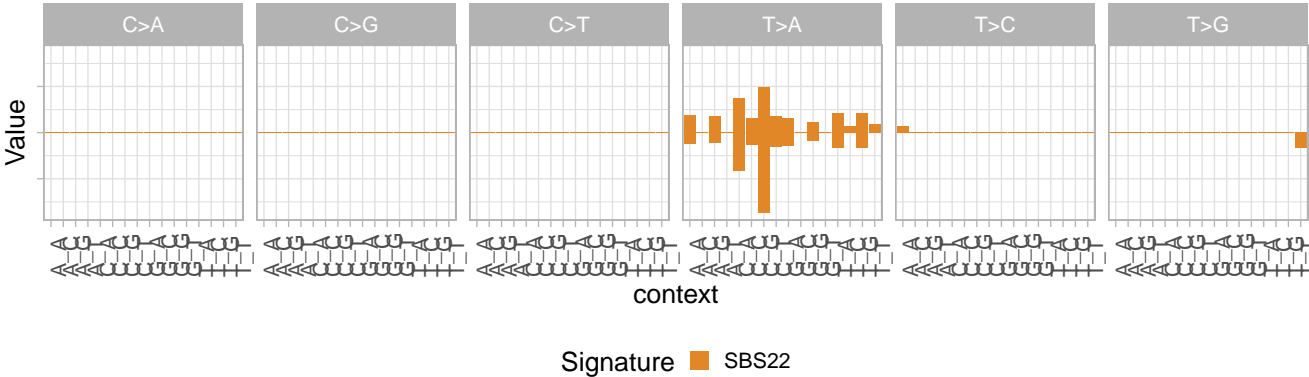
SBS20 vs SBS20 cosine similarity $\theta = 0.8590452$



SBS17b vs SBS17b cosine similarity $\theta = 0.9996767$



SBS22 vs SBS22 cosine similarity $\theta = 0.914031$



SBS28 vs SBS28 cosine similarity $\theta = 0.9868981$

