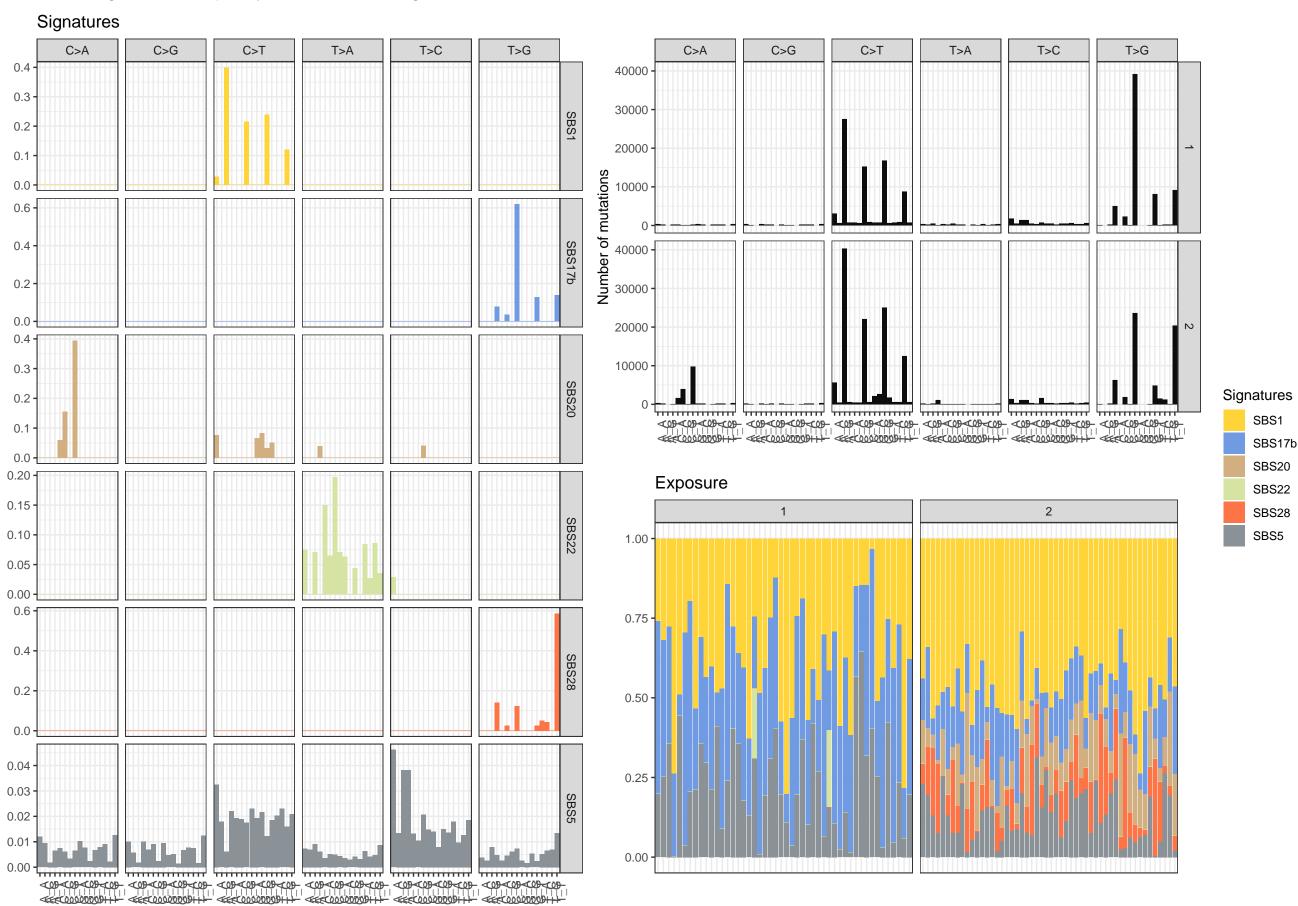
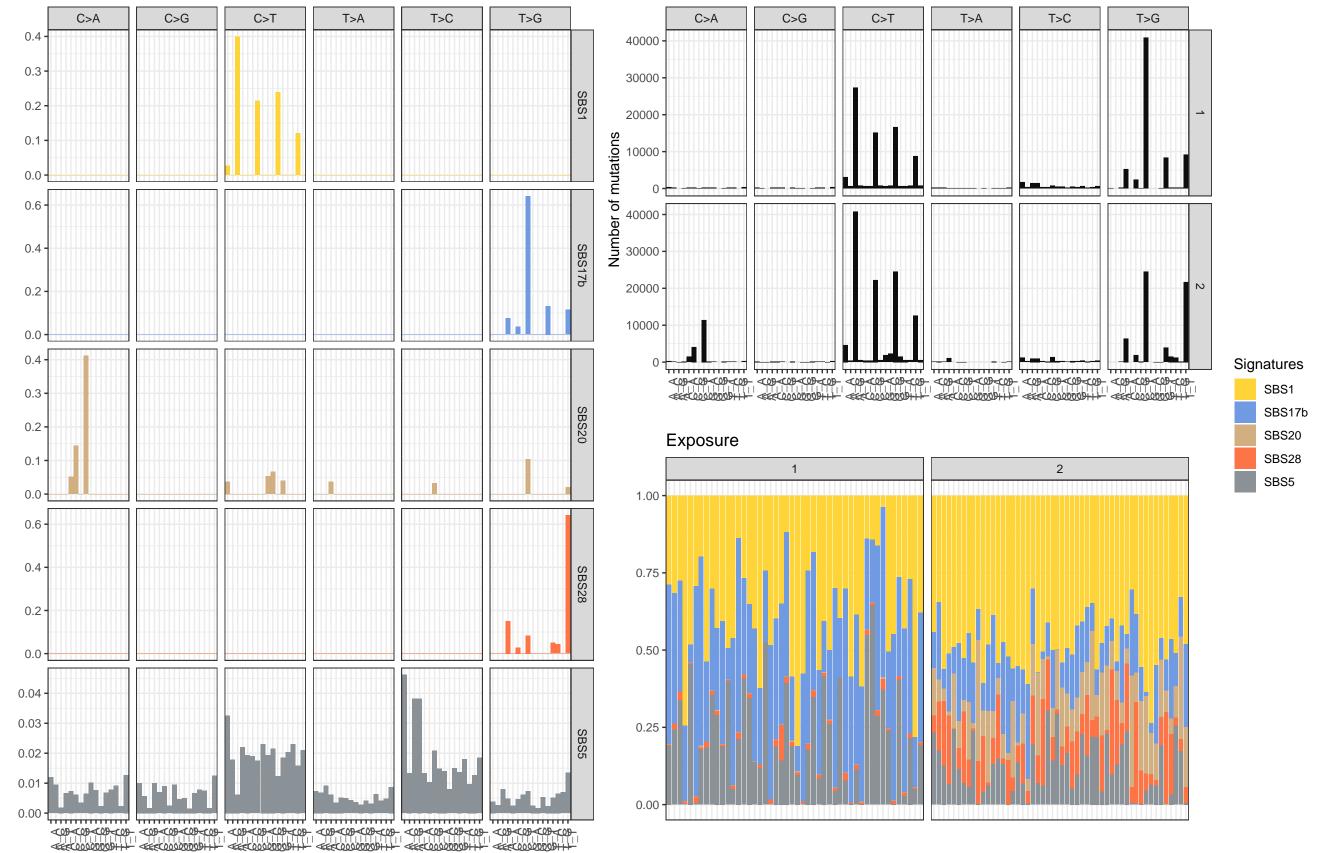
SIMUL: Rare sigs SBS22 frequency 0.05 – Common sigs SBS20



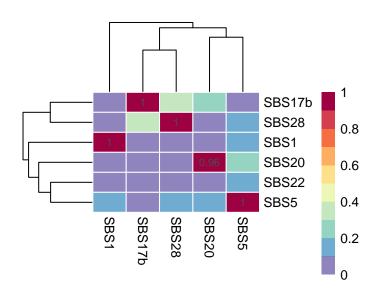
FIT: Rare sigs SBS22 frequency 0.05 – Common sigs SBS20

Missing sigs SBS22 - Added sigs

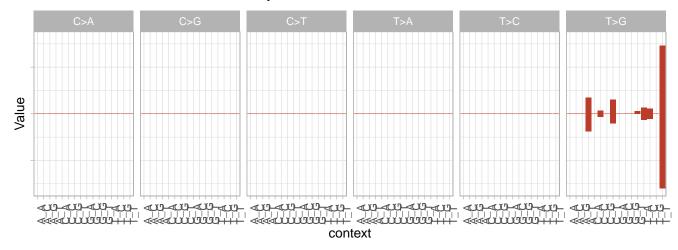




FIT: Rare sigs SBS22 frequency 0.05 - Common sigs SBS20

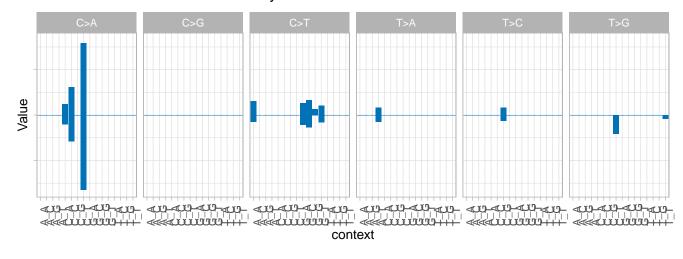


SBS28 vs SBS28 cosine similarity $\theta = 0.9962715$



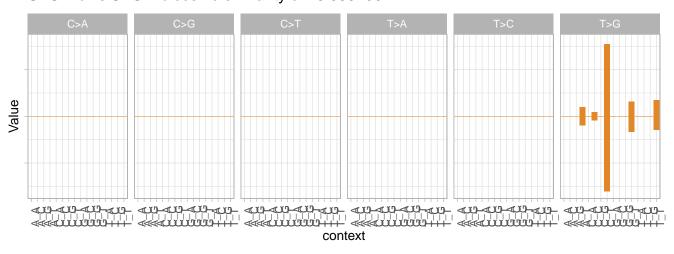
Signature SBS28

SBS20 vs SBS20 cosine similarity $\theta = 0.9649326$



Signature SBS20

SBS17b vs SBS17b cosine similarity $\theta = 0.9992301$

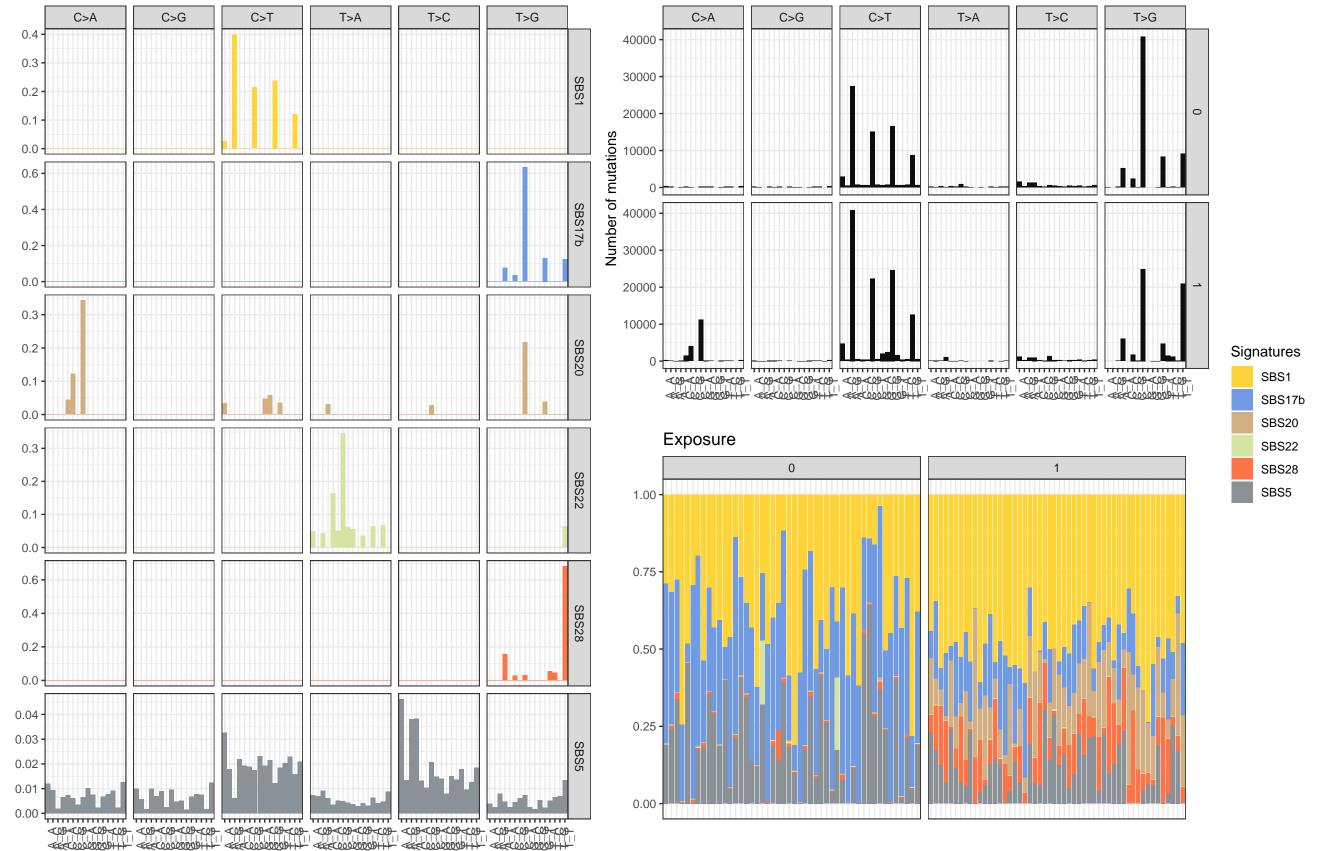


Signature SBS17b

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

Missing sigs - Added sigs

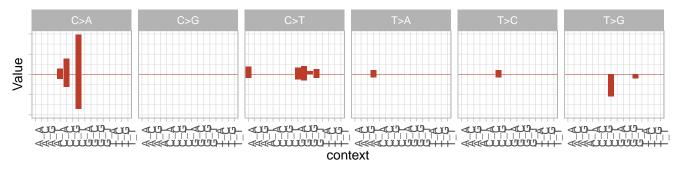




HIER FIT: Rare sigs SBS22 frequency 0.05 - Common sigs SBS20

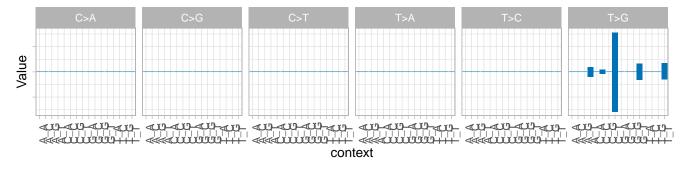


SBS20 vs SBS20 cosine similarity $\theta = 0.8590452$



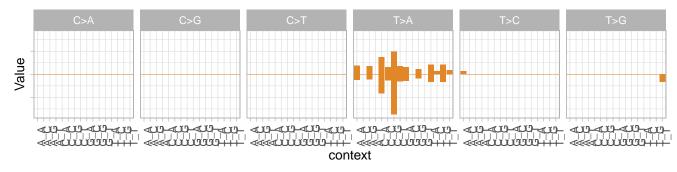
Signature SBS20

SBS17b vs SBS17b cosine similarity $\theta = 0.9996767$



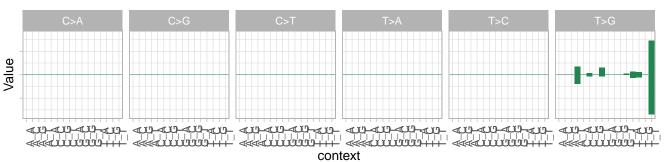
Signature SBS17b

SBS22 vs SBS22 cosine similarity $\theta = 0.914031$



Signature SBS22

SBS28 vs SBS28 cosine similarity $\theta = 0.9868981$



Signature SBS28