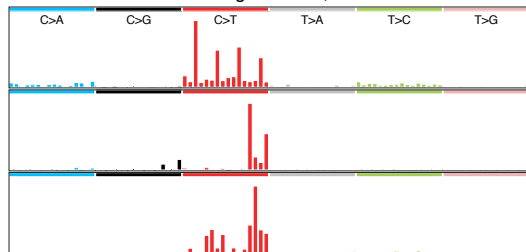
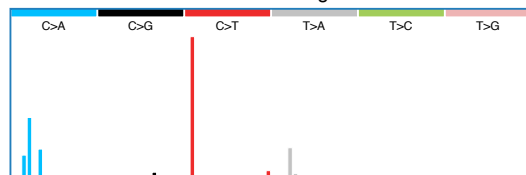


**A**

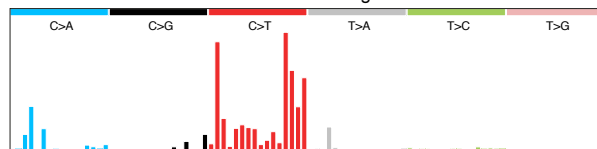
COSMIC signatures 1, 2 and 7



Simulated novel signature

**B**

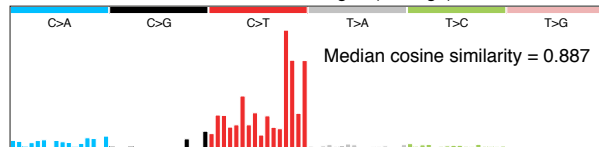
Simulated catalogue



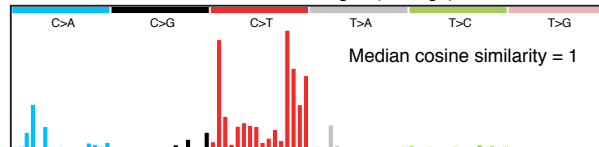
Fit COSMIC signatures

Fit-Ext: fit COSMIC signatures and  
extract additional signature

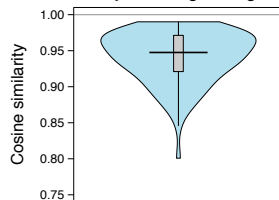
Reconstructed catalogue (average)



Reconstructed catalogue (average)

**C**

Similarity with original signature



Extracted novel signature (average)

