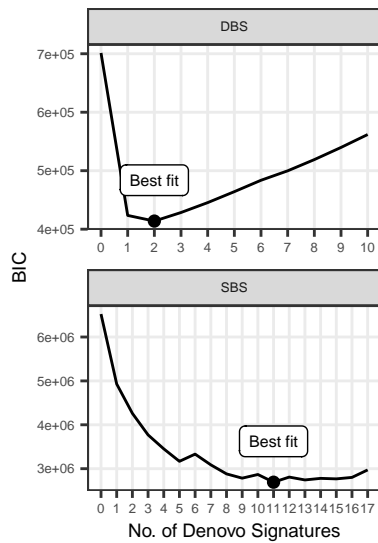


A

## Model selection

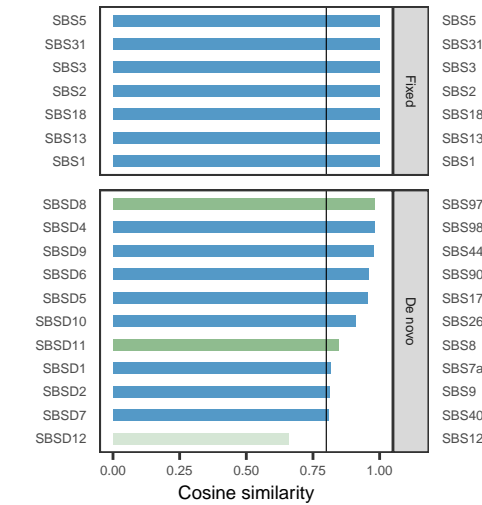
BIC of the tested bNMF models



B

## Mapping of de novo signatures

De novo signatures mapped to COSMIC v3.4 and

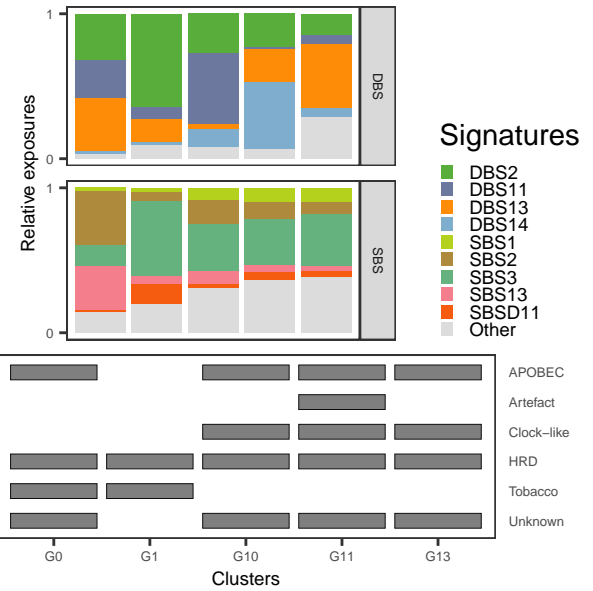


Catalogue ■ COSMIC v3.4 ■ Degasper et al.

C

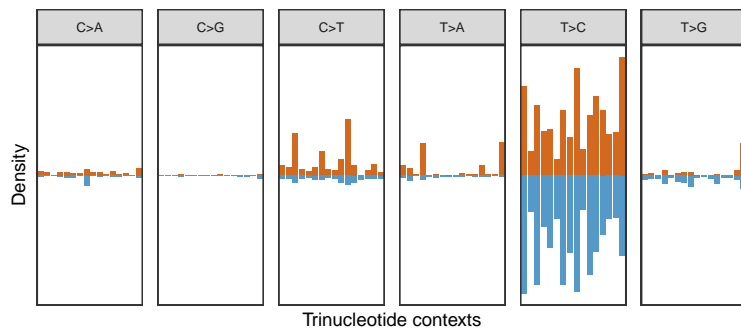
## Relevant signatures in clusters

Prevalence and aetiology of relevant signatures in clusters



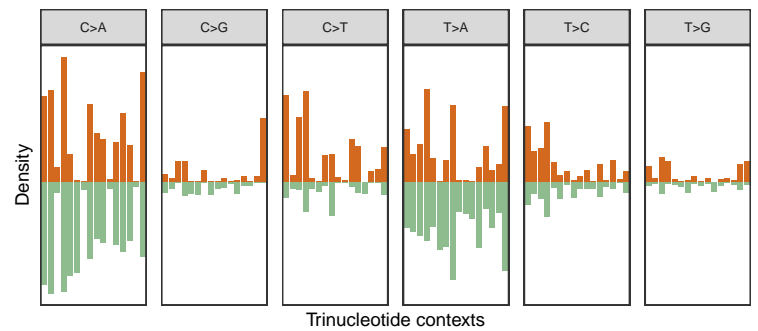
D

## Signatures SBSD10 and SBS26



Catalogue ■ De novo ■ COSMIC v3.4 ■ Degasper et al.

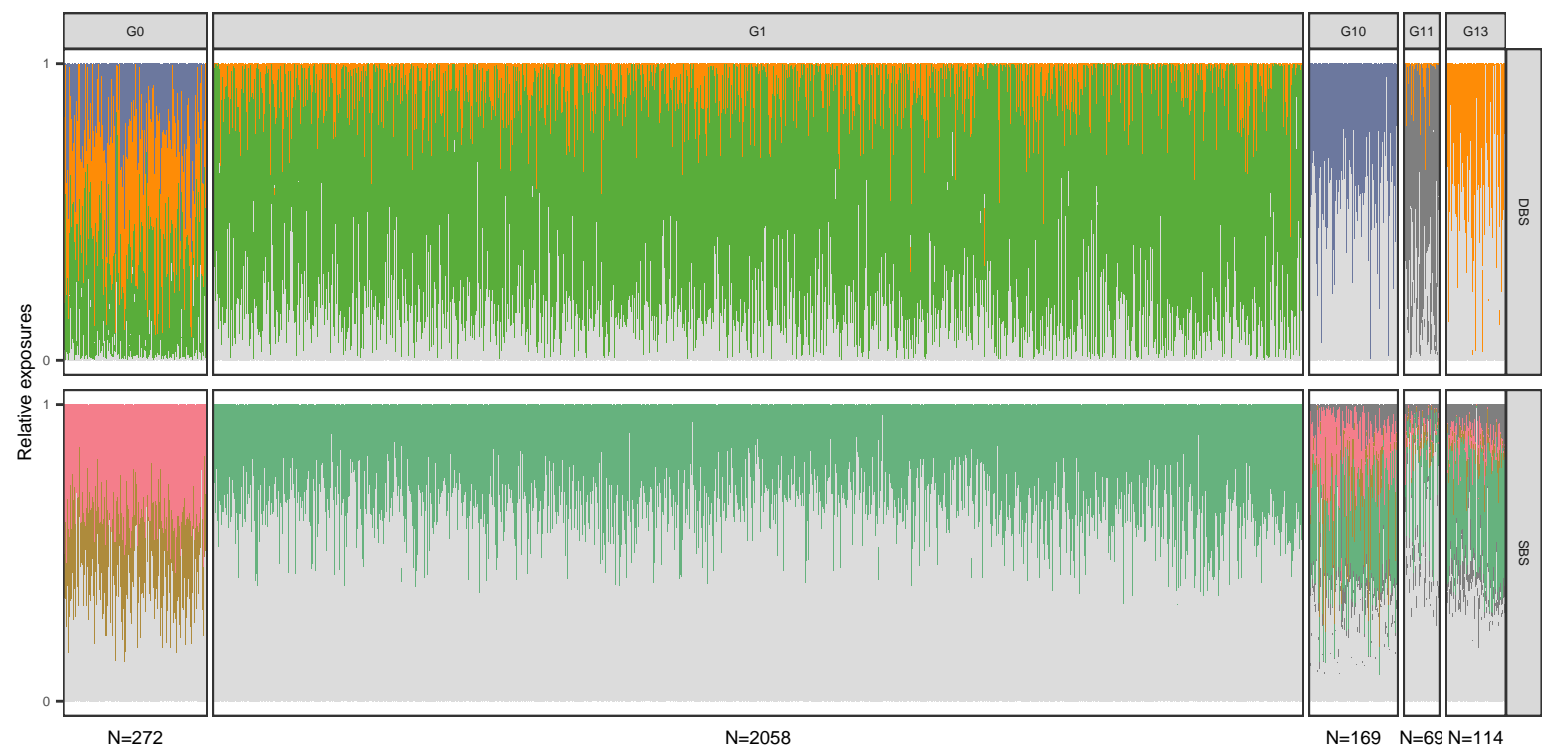
## Signatures SBSD11 and SBS8



E

## Samples exposures

Exposures to relevant signatures across all samples



Signatures ■ DBS2 ■ DBS11 ■ DBS13 ■ SBS2 ■ SBS3 ■ SBS13 ■ Other