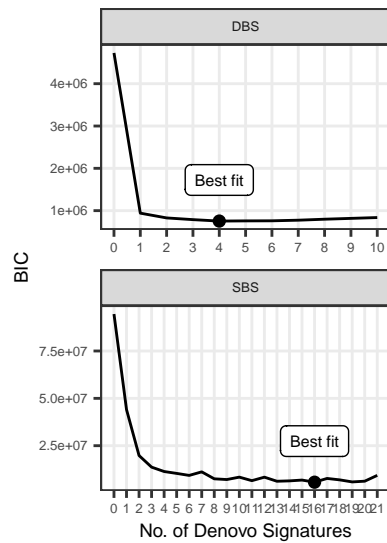


A

Model selection

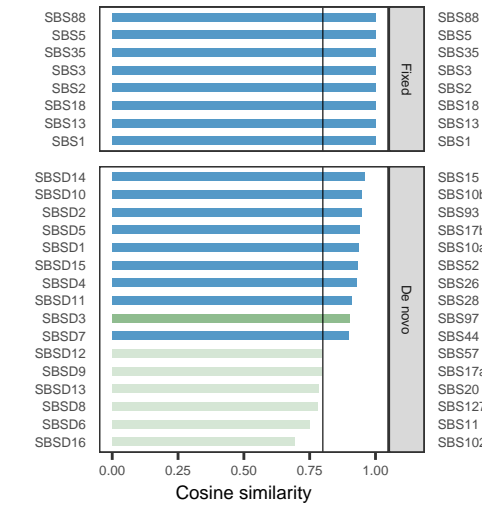
BIC of the tested bNMF models



B

Mapping of de novo signatures

De novo signatures mapped to known catalogue:

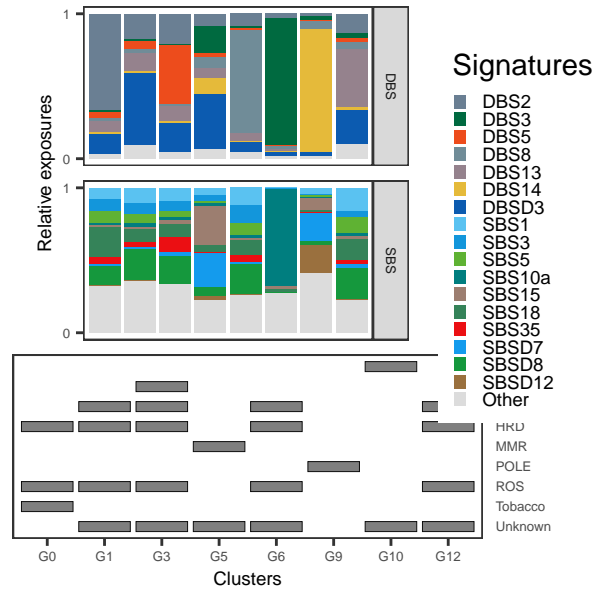


Catalogue ■ COSMIC v3.4 ■ Degasperi et al.

C

Relevant signatures in clusters

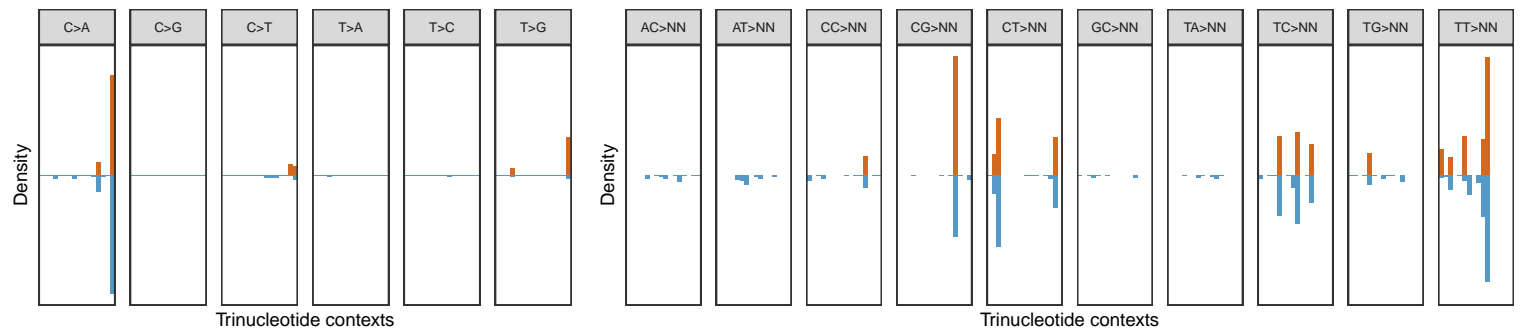
Prevalence and aetiology of relevant signatures in clusters



D

Signatures SBSD1 and SBS10a

Signatures DBSD2 and DBS3

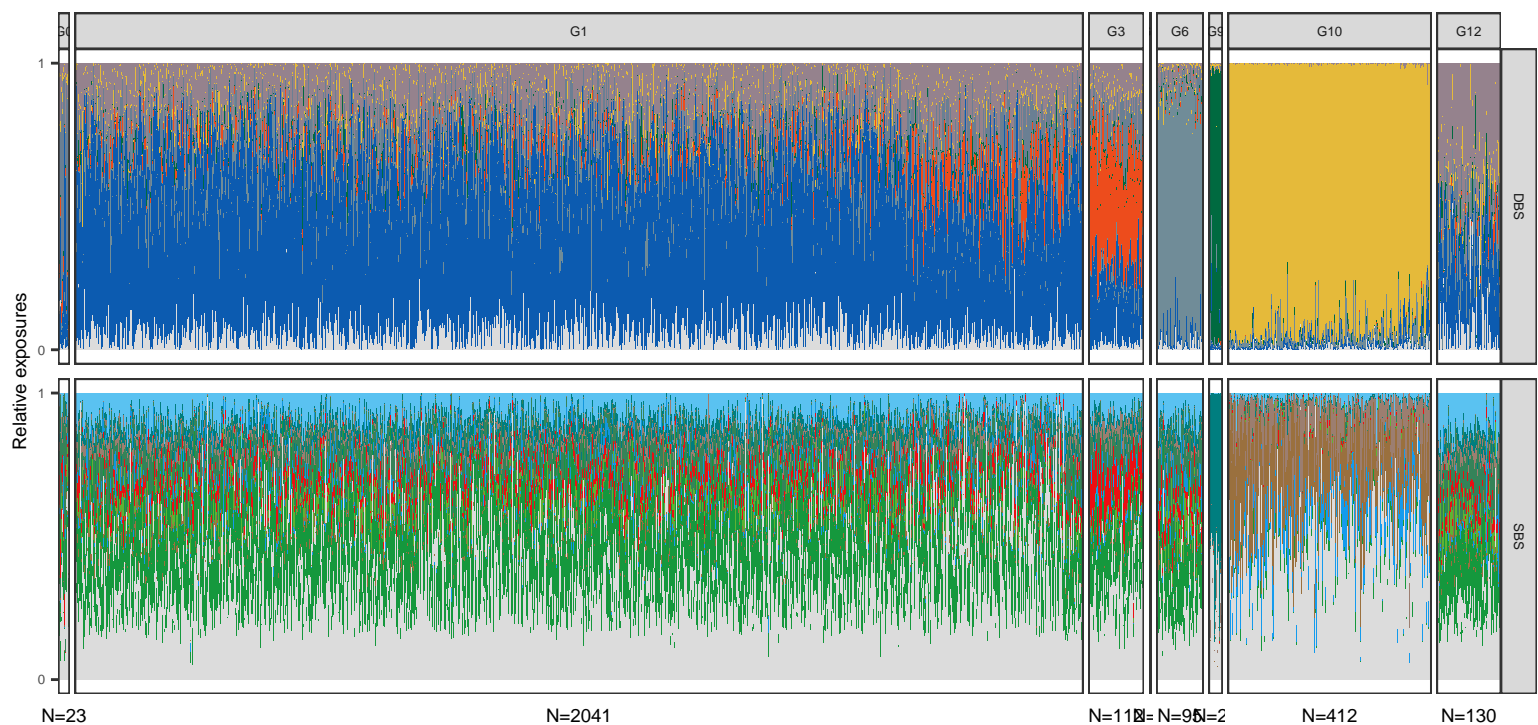


Catalogue ■ De novo ■ COSMIC v3.4 ■ Degasperi et al.

E

Samples exposures

Exposures to relevant signatures across all samples



Signatures ■ DBS2 ■ DBS3 ■ DBS5 ■ DBS8 ■ DBS13 ■ DBS25 ■ SBS1 ■ SBS3 ■ SBS5 ■ SBS10a ■ SBS18 ■ SBS44 ■ SBSD7 ■ SBSD8 ■ SBSD12 ■ Other