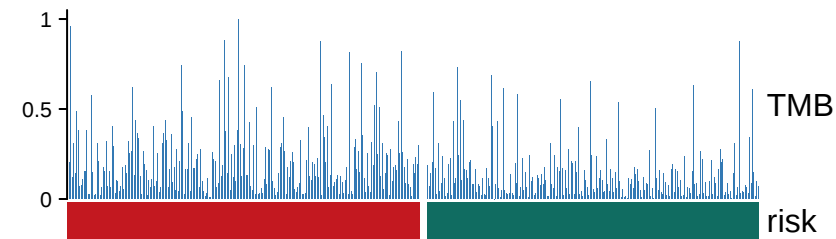


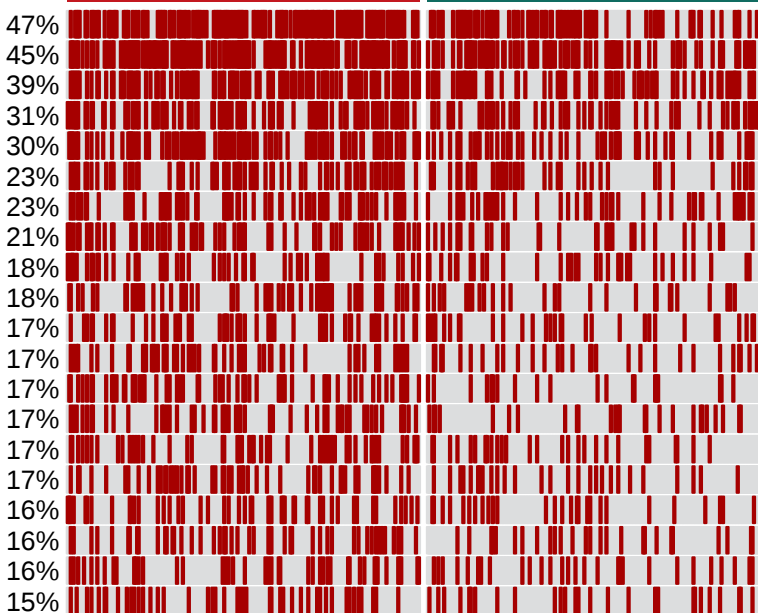
high

low

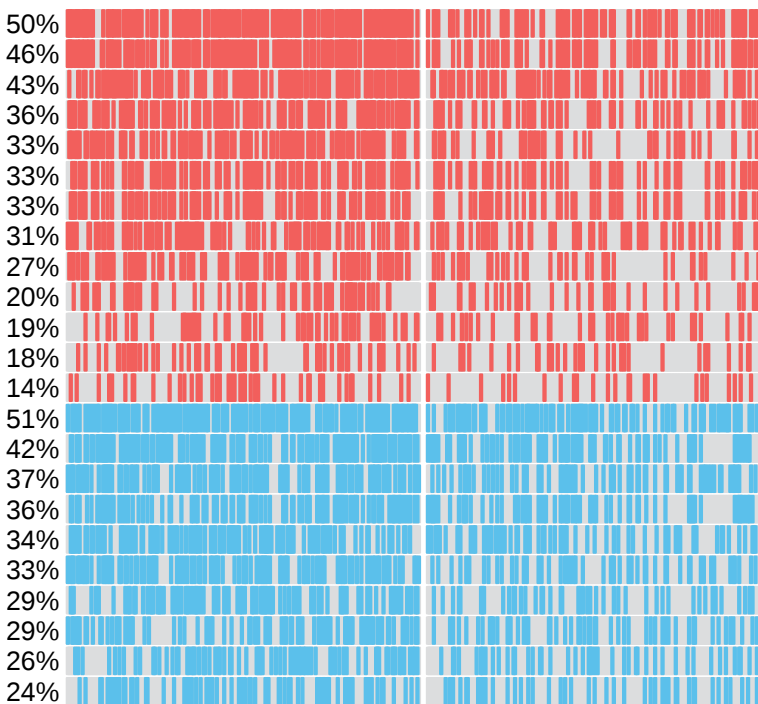


TMB

risk



TP53
TTN
CSMD3
ZFHX4
USH2A
XIRP2
FLG
SPTA1
FAT3
ADAMTS12
APOB
PCLO
RP1L1
PAPPA2
CDH10
MUC17
ADGRG4
RYSR3
ERICH3
ZNF804A



17q23.1-Amp
17q12-Amp
7q31.2-Amp
12p12.1-Amp
3q26.2-Amp
12q14.1-Amp
12q15-Amp
Xq28-Amp
19q12-Amp
18q11.2-Amp
4q12-Amp
22q11.22-Amp
13q33.3-Amp
8p23.2-Del
5q31.1-Del
16q24.3-Del
5q12.1-Del
21q11.2-Del
16q23.1-Del
11p15.5-Del
10q26.3-Del
20p13-Del
10p15.3-Del



risk

high
low

Alterations

Mutated

Alterations

Gain

Loss

Alterations

Gain

High_balanced_gain

Loss

High_balanced_loss

CNA (arm-level)

Gain

Loss

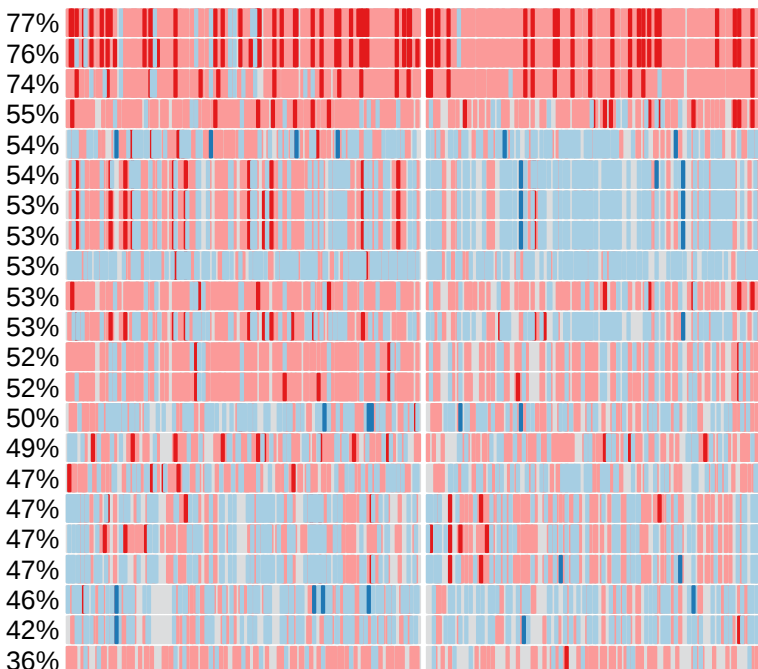
CNA (gene-level)

Gain

High_balanced_gain

Loss

High_balanced_loss



S100A16
S100A10
LAMC2
PSMD12
GAPDH
RFC4
PSMD2
AP2M1
AP2S1
NME1
ECT2
KRT19
TOP2A
PFKP
HMGA1
KRT8
ISG15
SLC2A1
ENO1
MKI67
ZWINT
TMSB10

