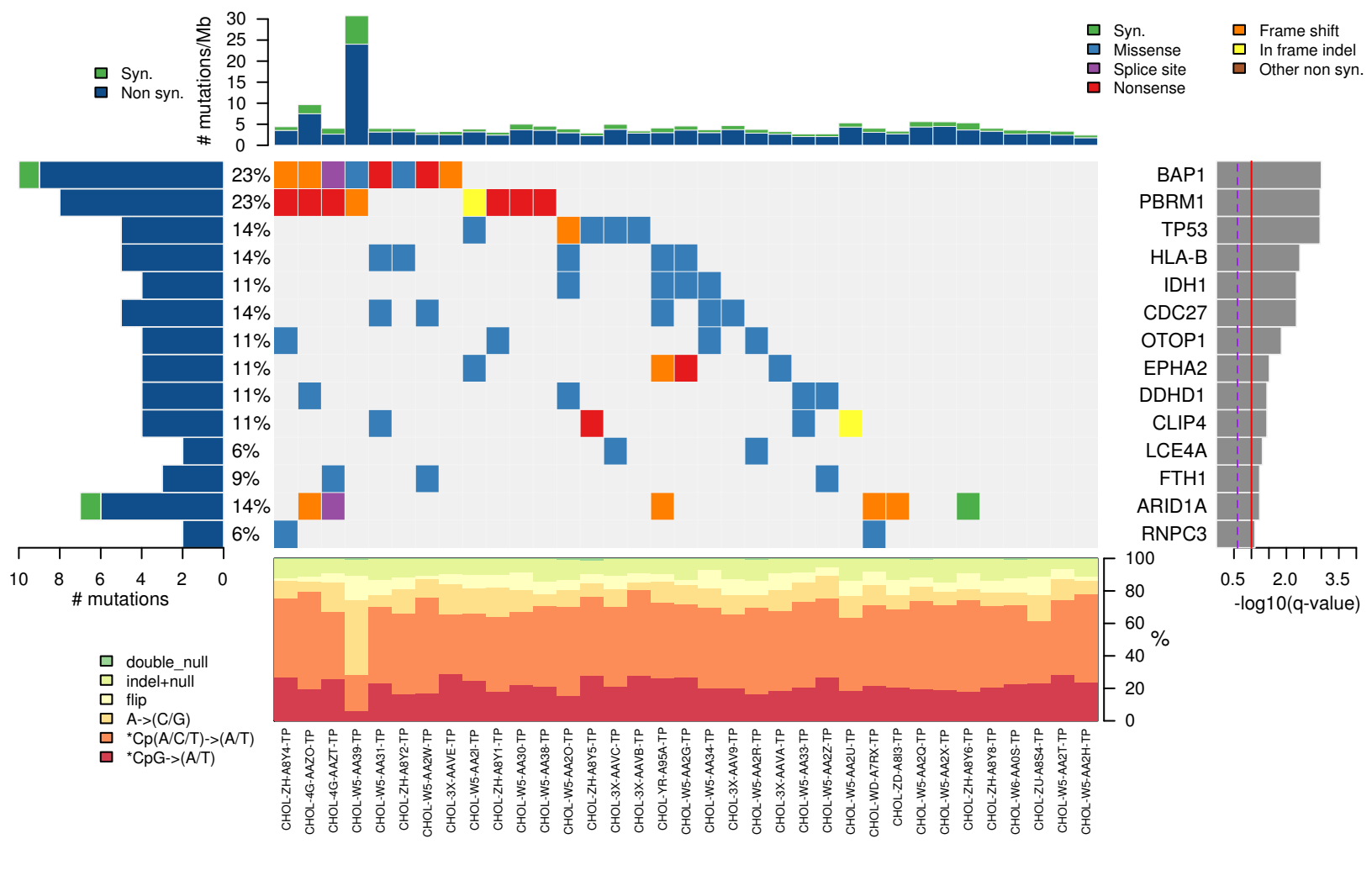
Syn.
Non syn.
mutations/Mb
30
25
20
15
10
5
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
23%
23%
14%
14%
11%
14%
11%
11%
11%
11%
6%
9%
14%
6%
10
8
6
4
2
0
mutations
BAP1
PBRM1
TP53
HLA-B
IDH1
CDC27
OTOP1
EPHA2
DDHD1
CLIP4
LCE4A
FTH1
ARID1A
RNPC3
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
double_null
indel+null
flip
A->(C/G)
*Cp(A/C/T)->(A/T)
*CpG->(A/T)
CHOL-ZH-A8Y4-TP
CHOL-4G-AAZO-TP
CHOL-4G-AAZT-TP
CHOL-W5-AA39-TP
CHOL-W5-AA31-TP
CHOL-ZH-A8Y2-TP
CHOL-W5-AA2W-TP
CHOL-3X-AAVE-TP
CHOL-W5-AA2I-TP
CHOL-ZH-A8Y1-TP
CHOL-W5-AA30-TP
CHOL-W5-AA38-TP
CHOL-W5-AA2O-TP
CHOL-ZH-A8Y5-TP
CHOL-3X-AAVC-TP
CHOL-3X-AAVB-TP
CHOL-YR-A95A-TP
CHOL-W5-AA2G-TP
CHOL-W5-AA34-TP
CHOL-3X-AAV9-TP
CHOL-W5-AA2R-TP
CHOL-3X-AAVA-TP
CHOL-W5-AA33-TP
CHOL-W5-AA2Z-TP
CHOL-W5-AA2U-TP
CHOL-WD-A7RX-TP
CHOL-ZD-A8I3-TP
CHOL-W5-AA2Q-TP
CHOL-W5-AA2X-TP
CHOL-ZH-A8Y6-TP
CHOL-ZH-A8Y8-TP
CHOL-W6-AA0S-TP
CHOL-ZU-A8S4-TP
CHOL-W5-AA2T-TP
CHOL-W5-AA2H-TP