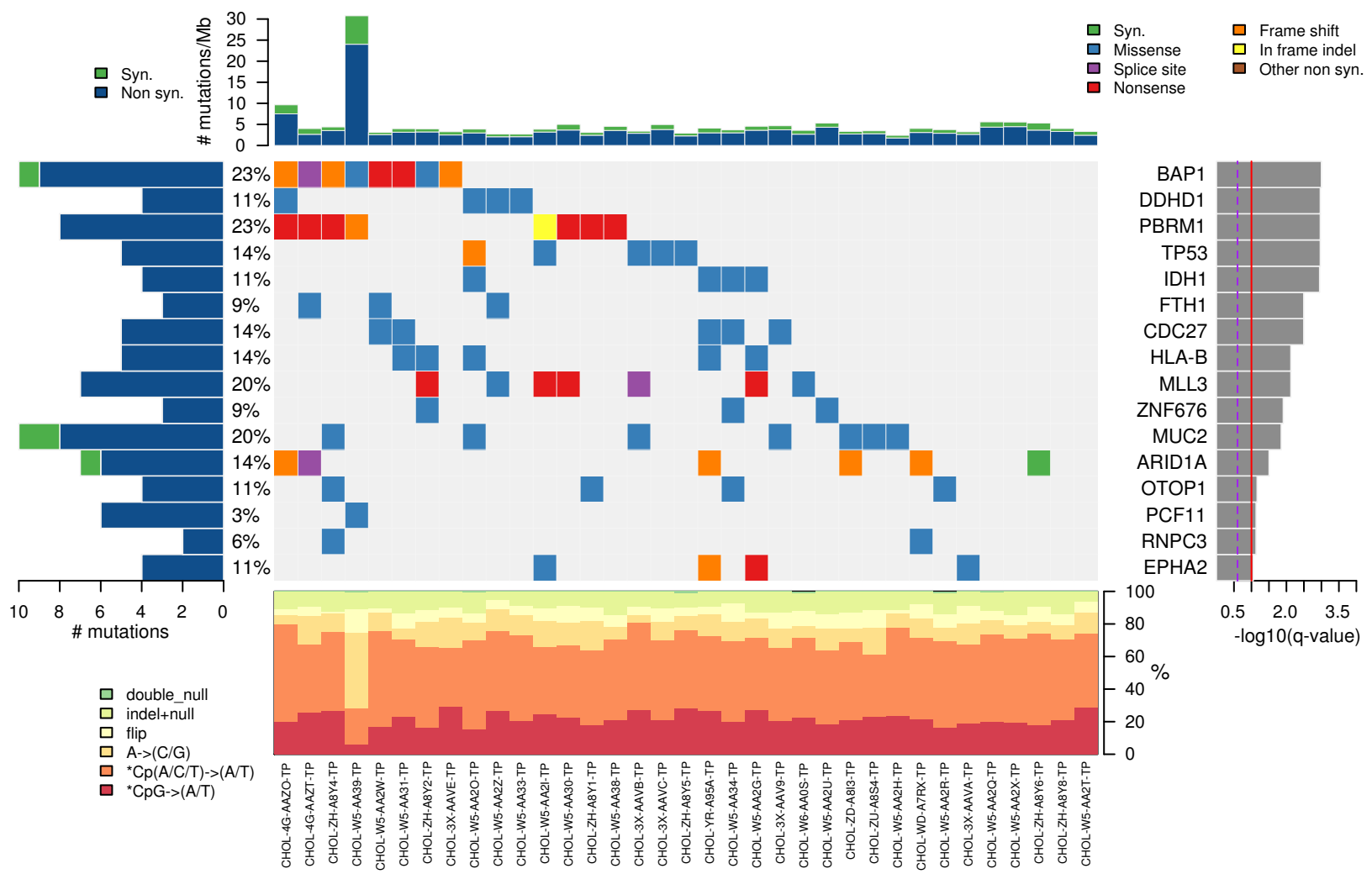
Syn.
Non syn.
mutations/Mb
30
25
20
15
10
5
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
23%
11%
23%
14%
11%
9%
14%
14%
20%
9%
20%
14%
11%
3%
6%
11%
BAP1
DDHD1
PBRM1
TP53
IDH1
FTH1
CDC27
HLA-B
MLL3
ZNF676
MUC2
ARID1A
OTOP1
PCF11
RNPC3
EPHA2
10
8
6
4
2
0
mutations
0.5
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-4G-AAZO-TP
CHOL-4G-AAZT-TP
CHOL-ZH-A8Y4-TP
CHOL-W5-AA39-TP
CHOL-W5-AA2W-TP
CHOL-W5-AA31-TP
CHOL-ZH-A8Y2-TP
CHOL-3X-AAVE-TP
CHOL-W5-AA2O-TP
CHOL-W5-AA2Z-TP
CHOL-W5-AA33-TP
CHOL-W5-AA2I-TP
CHOL-W5-AA30-TP
CHOL-ZH-A8Y1-TP
CHOL-W5-AA38-TP
CHOL-3X-AAVB-TP
CHOL-3X-AAVC-TP
CHOL-ZH-A8Y5-TP
CHOL-YR-A95A-TP
CHOL-W5-AA34-TP
CHOL-W5-AA2G-TP
CHOL-3X-AAV9-TP
CHOL-W6-AA0S-TP
CHOL-W5-AA2U-TP
CHOL-ZD-A8I3-TP
CHOL-ZU-A8S4-TP
CHOL-W5-AA2H-TP
CHOL-WD-A7RX-TP
CHOL-W5-AA2R-TP
CHOL-3X-AAVA-TP
CHOL-W5-AA2Q-TP
CHOL-W5-AA2X-TP
CHOL-ZH-A8Y6-TP
CHOL-ZH-A8Y8-TP
CHOL-W5-AA2T-TP