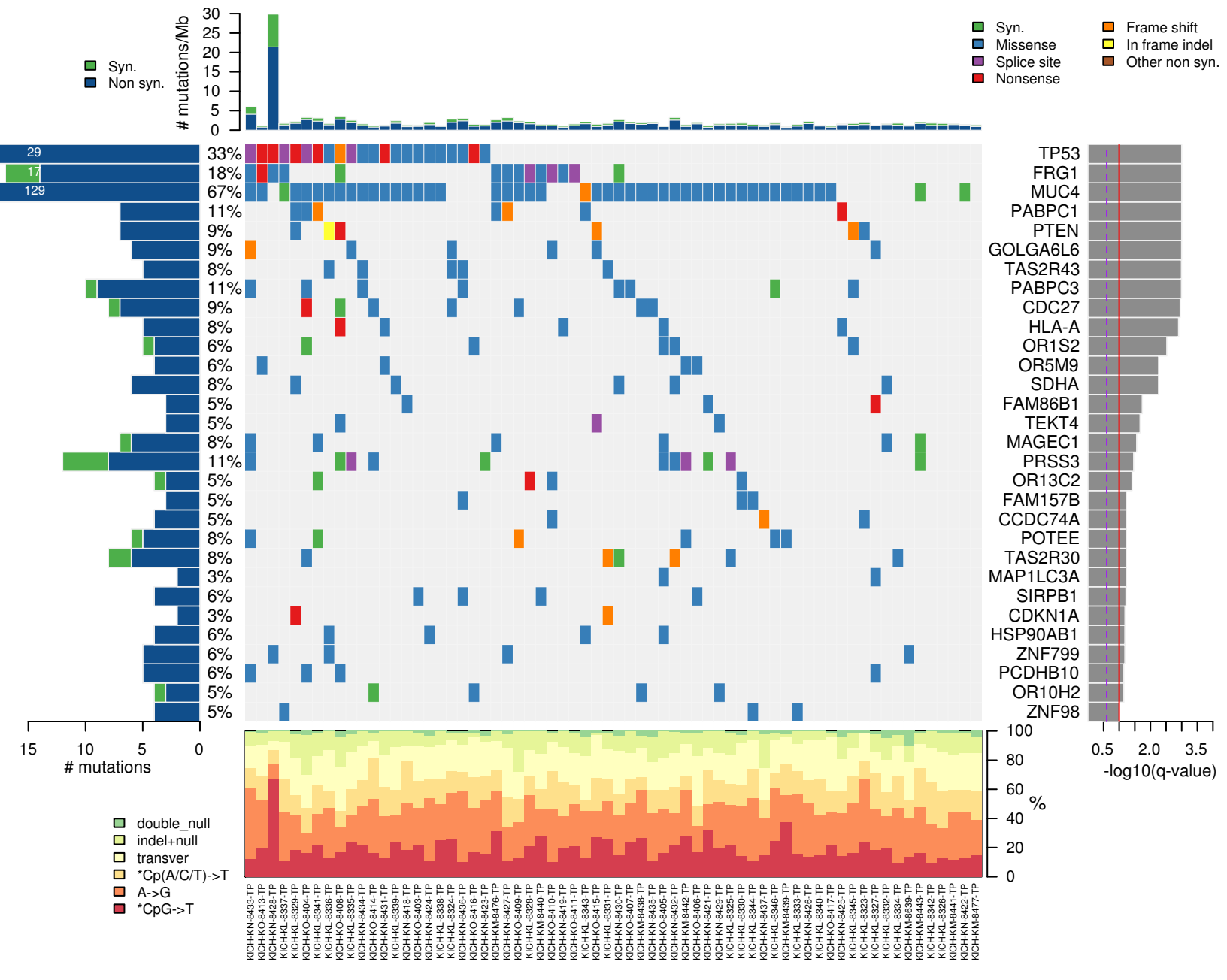
Syn.
Non syn.
mutations/Mb
30
25
20
15
10
5
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
29
17
129
33%
18%
67%
11%
9%
9%
8%
11%
9%
8%
6%
6%
8%
5%
5%
8%
11%
5%
5%
5%
8%
8%
3%
6%
3%
6%
6%
6%
5%
5%
TP53
FRG1
MUC4
PABPC1
PTEN
GOLGA6L6
TAS2R43
PABPC3
CDC27
HLA-A
OR1S2
OR5M9
SDHA
FAM86B1
TEKT4
MAGEC1
PRSS3
OR13C2
FAM157B
CCDC74A
POTEE
TAS2R30
MAP1LC3A
SIRPB1
CDKN1A
HSP90AB1
ZNF799
PCDHB10
OR10H2
ZNF98
15
10
5
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
double_null
indel+null
transver
*Cp(A/C/T)->T
A->G
*CpG->T