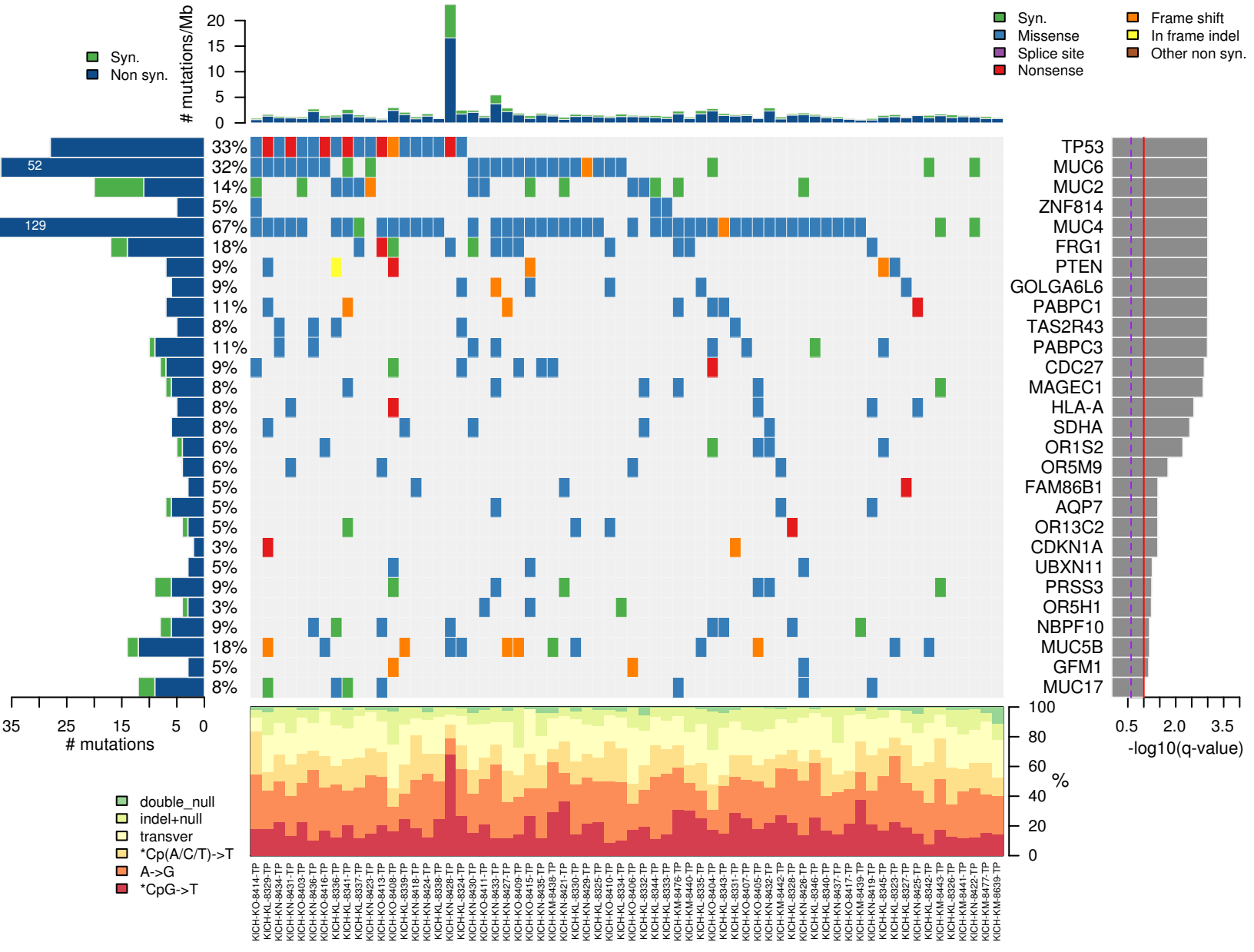
Syn.
Non syn.
mutations/Mb
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
33%
32%
14%
5%
67%
18%
9%
9%
11%
8%
11%
9%
8%
8%
8%
6%
6%
5%
5%
5%
3%
5%
9%
3%
9%
18%
5%
8%
52
129
TP53
MUC6
MUC2
ZNF814
MUC4
FRG1
PTEN
GOLGA6L6
PABPC1
TAS2R43
PABPC3
CDC27
MAGEC1
HLA-A
SDHA
OR1S2
OR5M9
FAM86B1
AQP7
OR13C2
CDKN1A
UBXN11
PRSS3
OR5H1
NBPF10
MUC5B
GFM1
MUC17
mutations
-log10(q-value)
double_null
indel+null
transver
*Cp(A/C/T)->T
A->G
*CpG->T
%