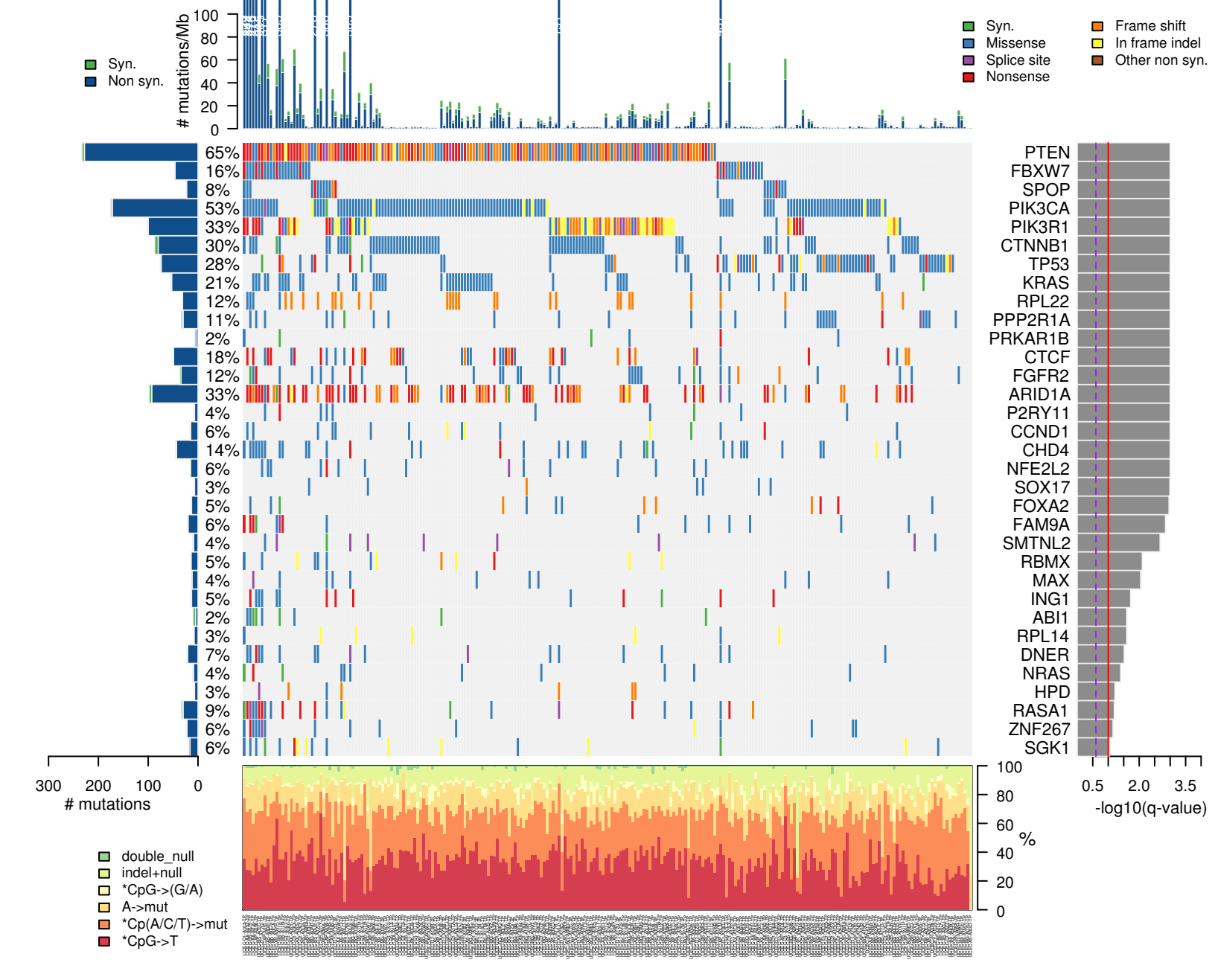
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
65%
16%
8%
53%
33%
30%
28%
21%
12%
11%
2%
18%
12%
33%
4%
6%
14%
6%
3%
5%
6%
4%
5%
4%
5%
2%
3%
7%
4%
3%
9%
6%
6%
PTEN
FBXW7
SPOP
PIK3CA
PIK3R1
CTNNB1
TP53
KRAS
RPL22
PPP2R1A
PRKAR1B
CTCF
FGFR2
ARID1A
P2RY11
CCND1
CHD4
NFE2L2
SOX17
FOXA2
FAM9A
SMTNL2
RBMX
MAX
ING1
ABI1
RPL14
DNER
NRAS
HPD
RASA1
ZNF267
SGK1
300
200
100
0
mutations
0.5
2.0
3.5
-log10(q-value)
double_null
indel+null
*CpG->(G/A)
A->mut
*Cp(A/C/T)->mut
*CpG->T
100
80
60
40
20
0
%