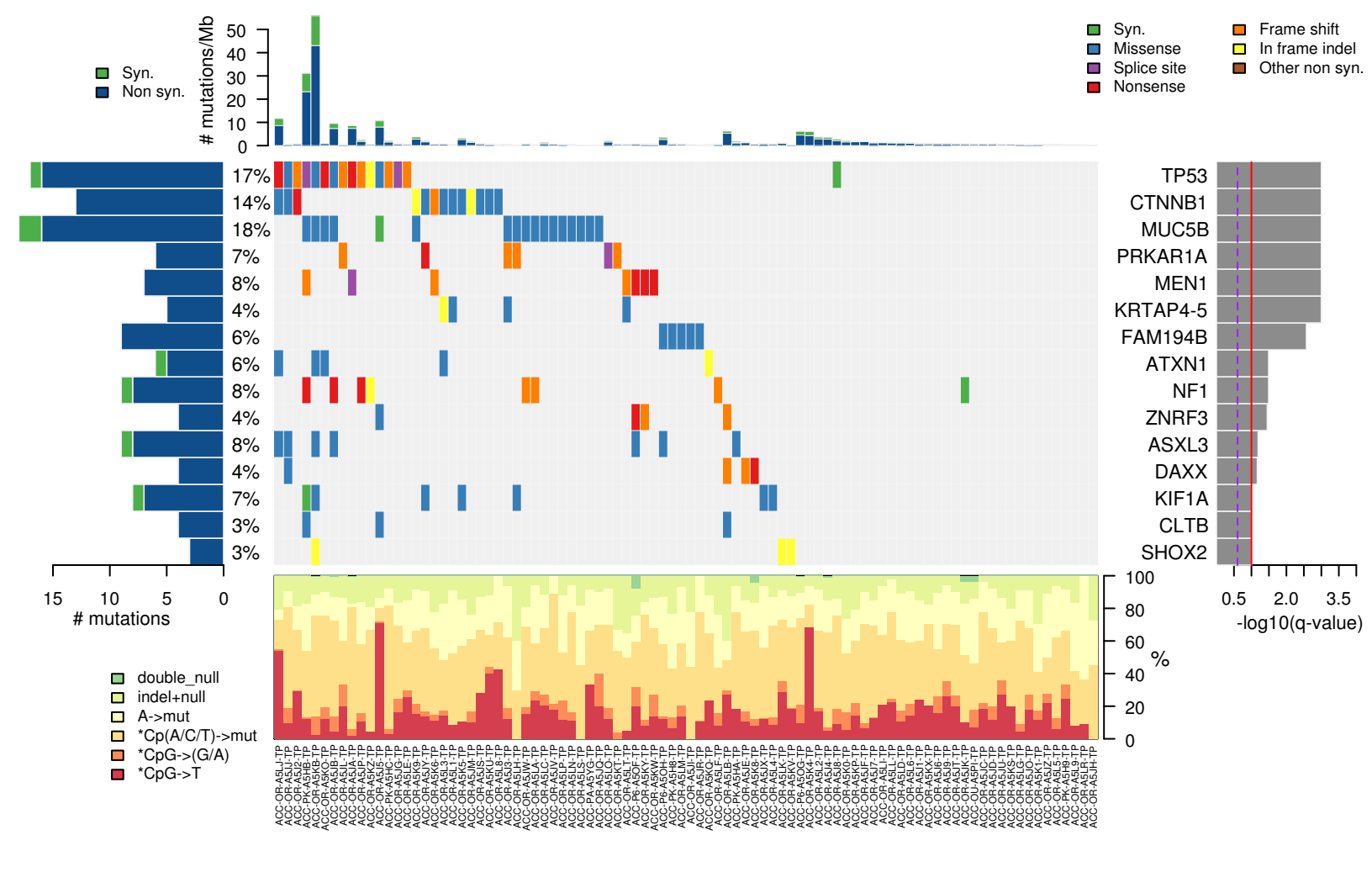
Syn.
Non syn.
mutations/Mb
50
40
30
20
10
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
17%
14%
18%
7%
8%
4%
6%
6%
8%
4%
8%
4%
7%
3%
3%
15
10
5
0
mutations
TP53
CTNNB1
MUC5B
PRKAR1A
MEN1
KRTAP4-5
FAM194B
ATXN1
NF1
ZNRF3
ASXL3
DAXX
KIF1A
CLTB
SHOX2
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
double_null
indel+null
A->mut
*Cp(A/C/T)->mut
*CpG->(G/A)
*CpG->T