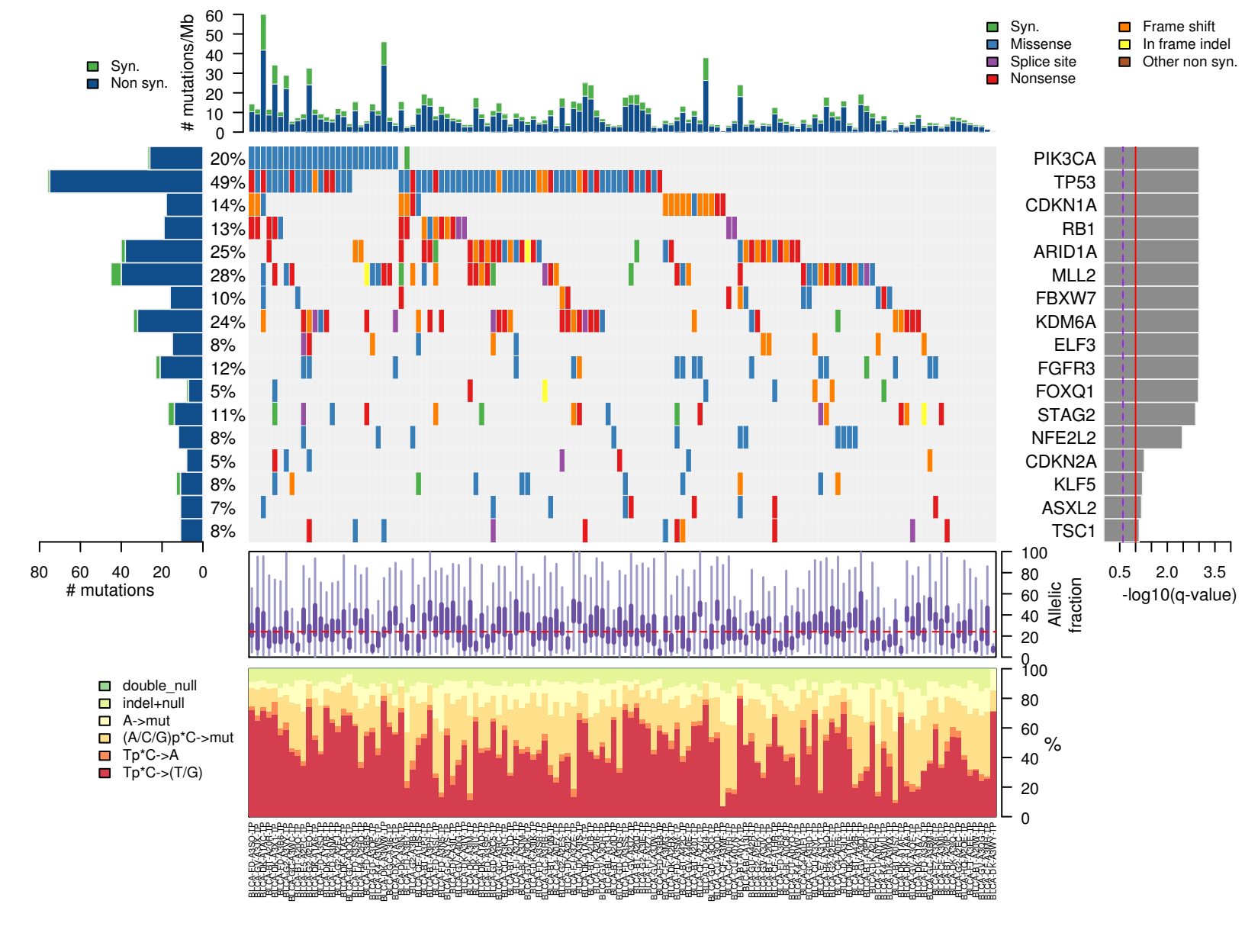
Syn.
Non syn.
mutations/Mb
60
50
40
30
20
10
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
20%
49%
14%
13%
25%
28%
10%
24%
8%
12%
5%
11%
8%
5%
8%
7%
8%
PIK3CA
TP53
CDKN1A
RB1
ARID1A
MLL2
FBXW7
KDM6A
ELF3
FGFR3
FOXQ1
STAG2
NFE2L2
CDKN2A
KLF5
ASXL2
TSC1
80
60
40
20
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
Allelic fraction
double_null
indel+null
A->mut
(A/C/G)p*C->mut
Tp*C->A
Tp*C->(T/G)
100
80
60
40
20
0
%