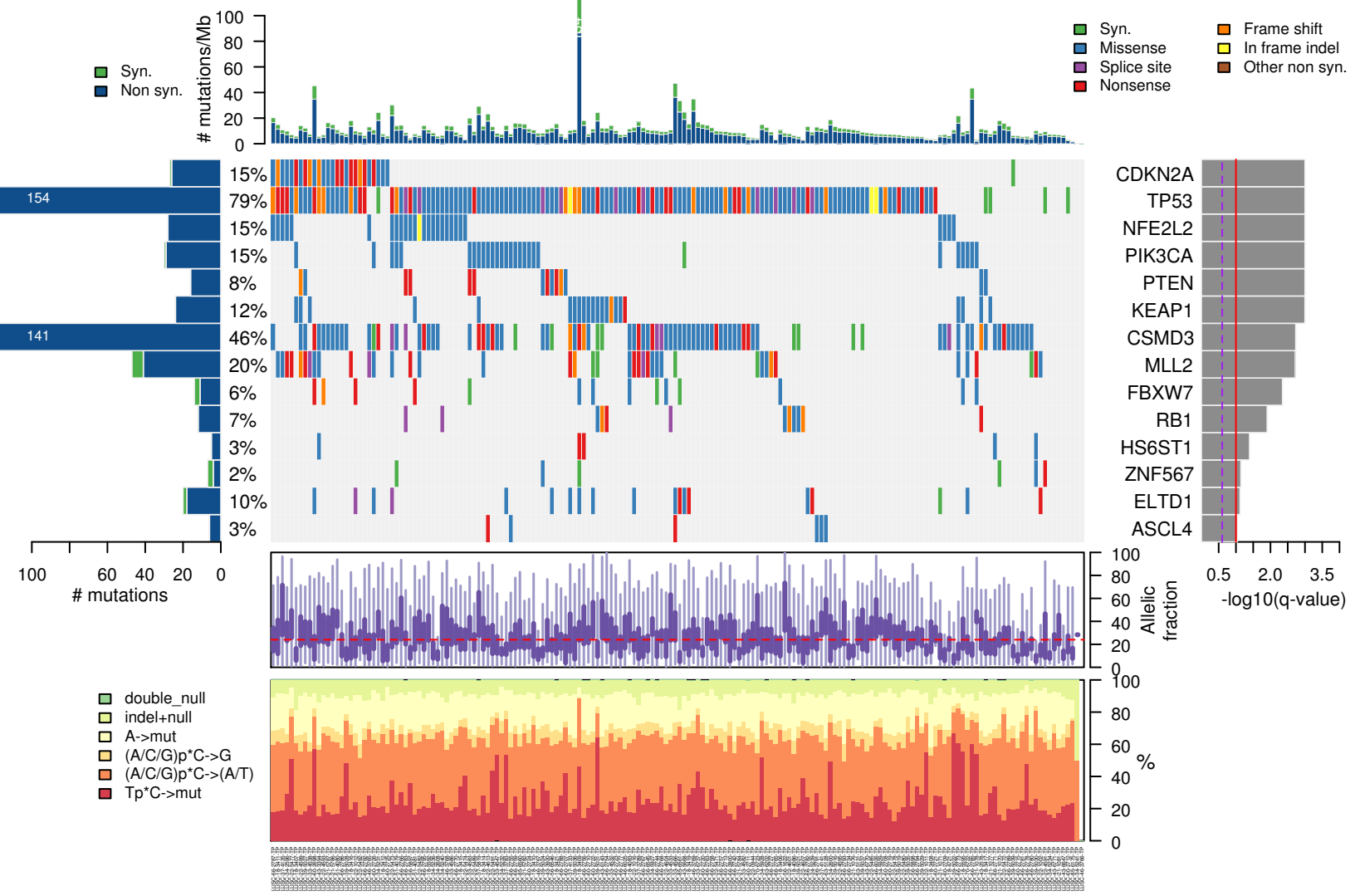
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
154
141
15%
79%
15%
15%
8%
12%
46%
20%
6%
7%
3%
2%
10%
3%
CDKN2A
TP53
NFE2L2
PIK3CA
PTEN
KEAP1
CSMD3
MLL2
FBXW7
RB1
HS6ST1
ZNF567
ELTD1
ASCL4
100
60
40
20
0
mutations
0.5
2.0
3.5
-log10(q-value)
Allelic fraction
double_null
indel+null
A->mut
(A/C/G)p*C->G
(A/C/G)p*C->(A/T)
Tp*C->mut
%