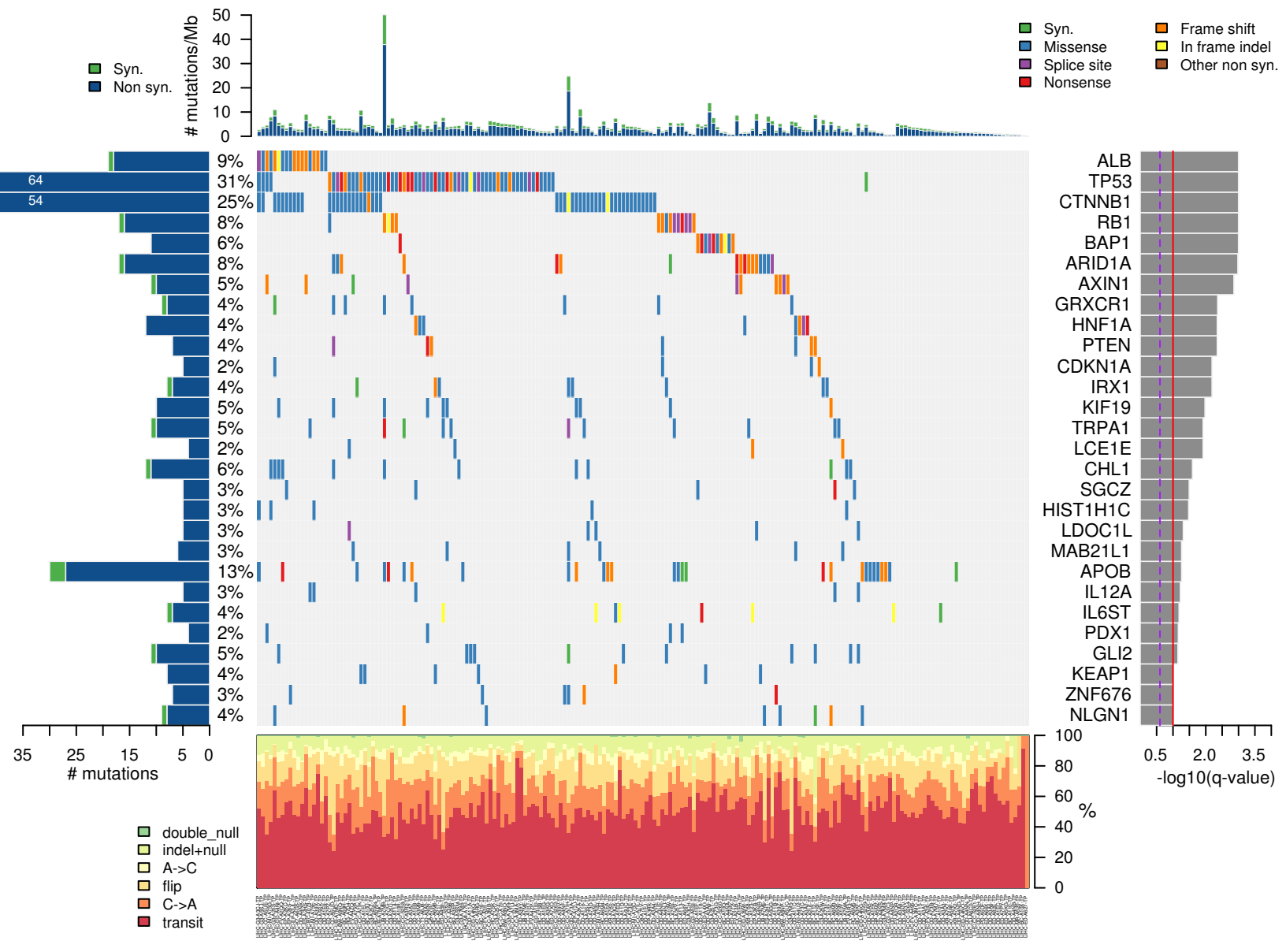
Syn.
Non syn.
mutations/Mb
50
40
30
20
10
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
64
54
9%
31%
25%
8%
6%
8%
5%
4%
4%
4%
2%
4%
5%
5%
2%
6%
3%
3%
3%
3%
13%
3%
4%
2%
5%
4%
3%
4%
ALB
TP53
CTNNB1
RB1
BAP1
ARID1A
AXIN1
GRXCR1
HNF1A
PTEN
CDKN1A
IRX1
KIF19
TRPA1
LCE1E
CHL1
SGCZ
HIST1H1C
LDOC1L
MAB21L1
APOB
IL12A
IL6ST
PDX1
GLI2
KEAP1
ZNF676
NLGN1
35
25
15
5
0
mutations
0.5
2.0
3.5
-log10(q-value)
double_null
indel+null
A->C
flip
C->A
transit
100
80
60
40
20
0
%