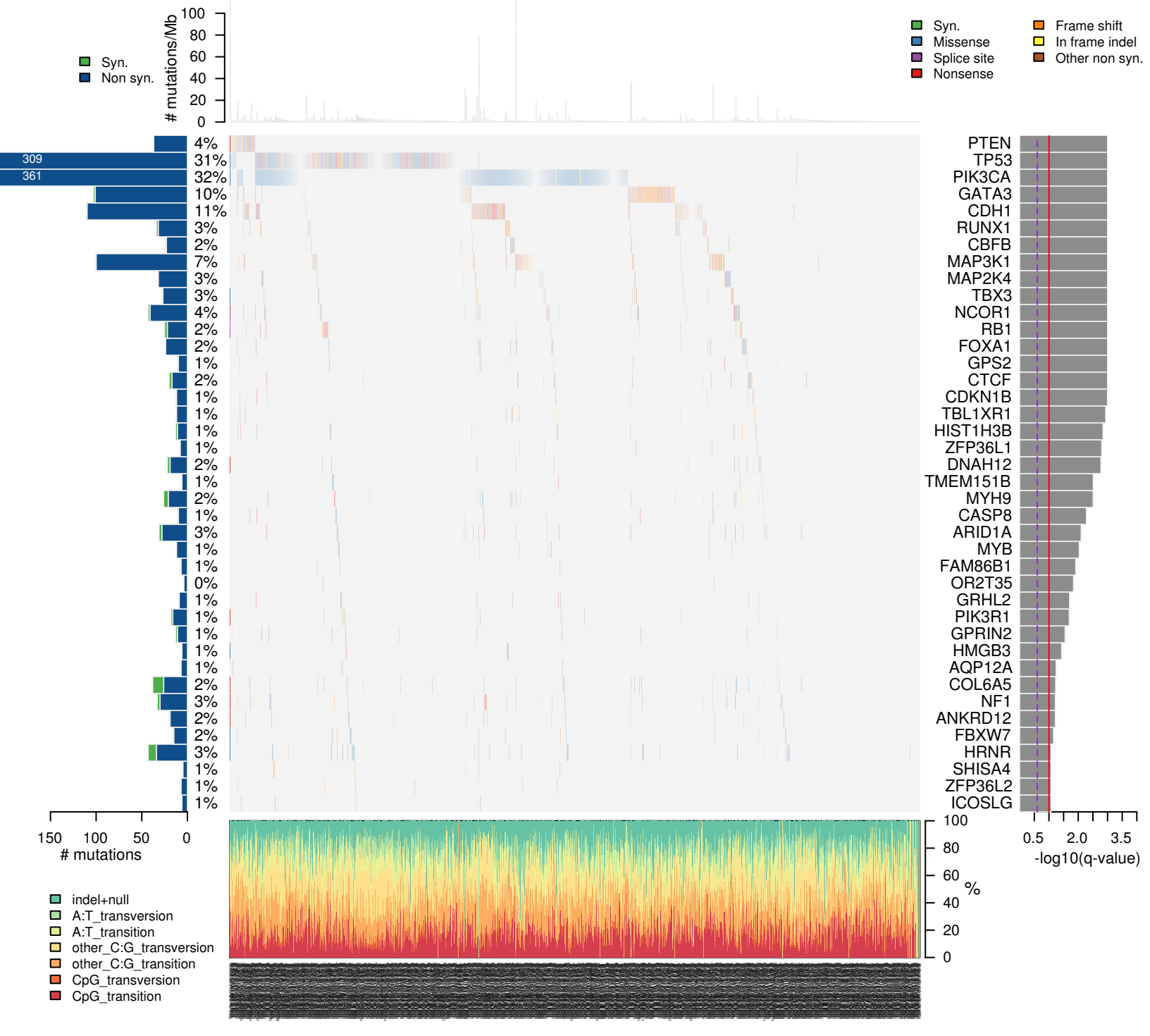
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
309
361
4%
31%
32%
10%
11%
3%
2%
7%
3%
3%
4%
2%
2%
1%
2%
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1%
PTEN
TP53
PIK3CA
GATA3
CDH1
RUNX1
CBFB
MAP3K1
MAP2K4
TBX3
NCOR1
RB1
FOXA1
GPS2
CTCF
CDKN1B
TBL1XR1
HIST1H3B
ZFP36L1
DNAH12
TMEM151B
MYH9
CASP8
ARID1A
MYB
FAM86B1
OR2T35
GRHL2
PIK3R1
GPRIN2
HMGB3
AQP12A
COL6A5
NF1
ANKRD12
FBXW7
HRNR
SHISA4
ZFP36L2
ICOSLG
150
100
50
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
indel+null
A:T_transversion
A:T_transition
other_C:G_transversion
other_C:G_transition
CpG_transversion
CpG_transition