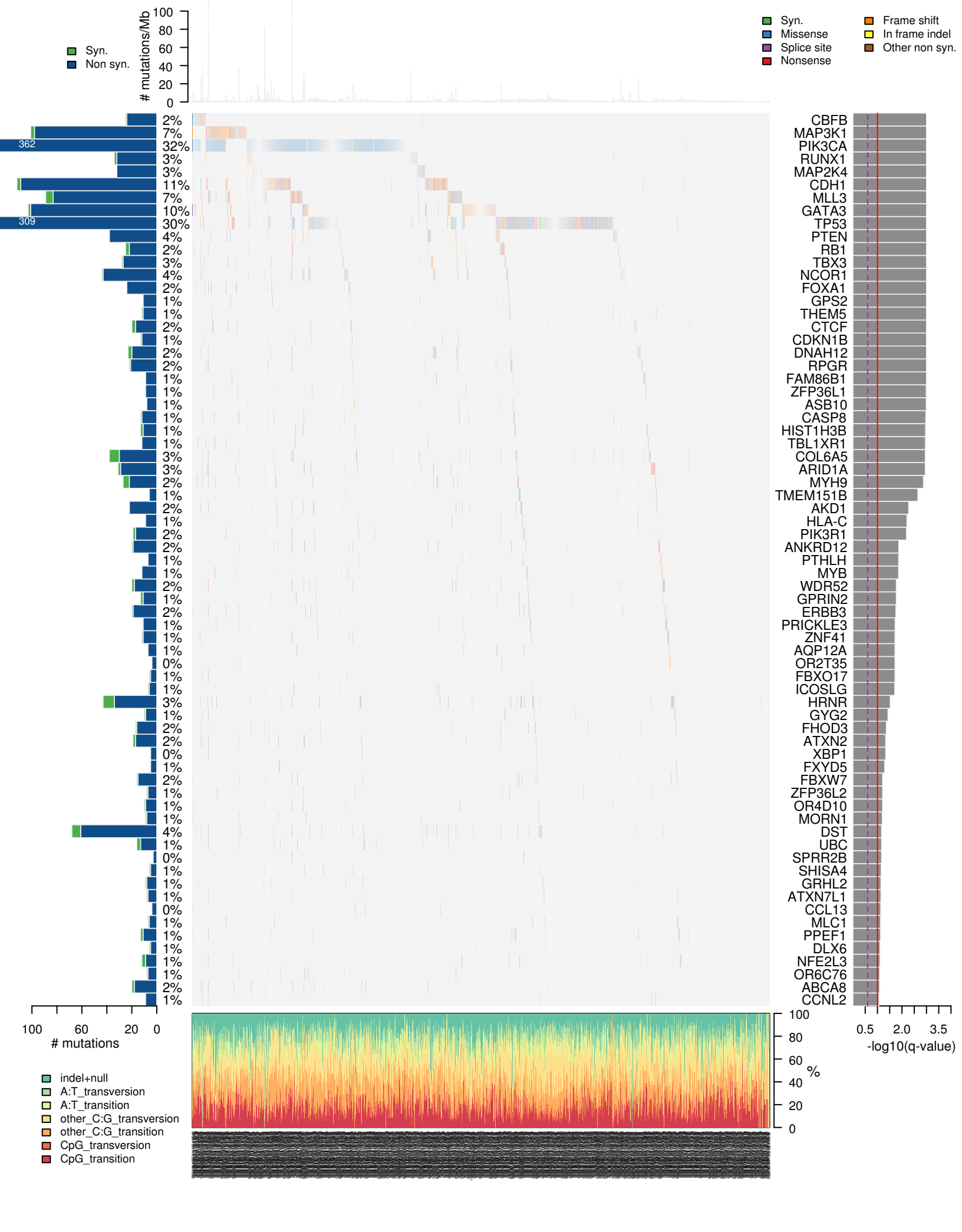
Syn.
Non syn.
# mutations/Mb
100
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
362
309
2%
7%
32%
3%
3%
11%
7%
10%
30%
4%
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2%
1%
CBFB
MAP3K1
PIK3CA
RUNX1
MAP2K4
CDH1
MLL3
GATA3
TP53
PTEN
RB1
TBX3
NCOR1
FOXA1
GPS2
THEM5
CTCF
CDKN1B
DNAH12
RPGR
FAM86B1
ZFP36L1
ASB10
CASP8
HIST1H3B
TBL1XR1
COL6A5
ARID1A
MYH9
TMEM151B
AKD1
HLA-C
PIK3R1
ANKRD12
PTHLH
MYB
WDR52
GPRIN2
ERBB3
PRICKLE3
ZNF41
AQP12A
OR2T35
FBXO17
ICOSLG
HRNR
GYG2
FHOD3
ATXN2
XBP1
FXYD5
FBXW7
ZFP36L2
OR4D10
MORN1
DST
UBC
SPRR2B
SHISA4
GRHL2
ATXN7L1
CCL13
MLC1
PPEF1
DLX6
NFE2L3
OR6C76
ABCA8
CCNL2
100
60
20
0
# mutations
0.5
2.0
3.5
-log10(q-value)
indel+null
A:T_transversion
A:T_transition
other_C:G_transversion
other_C:G_transition
CpG_transversion
CpG_transition
100
80
60
40
20
0
%