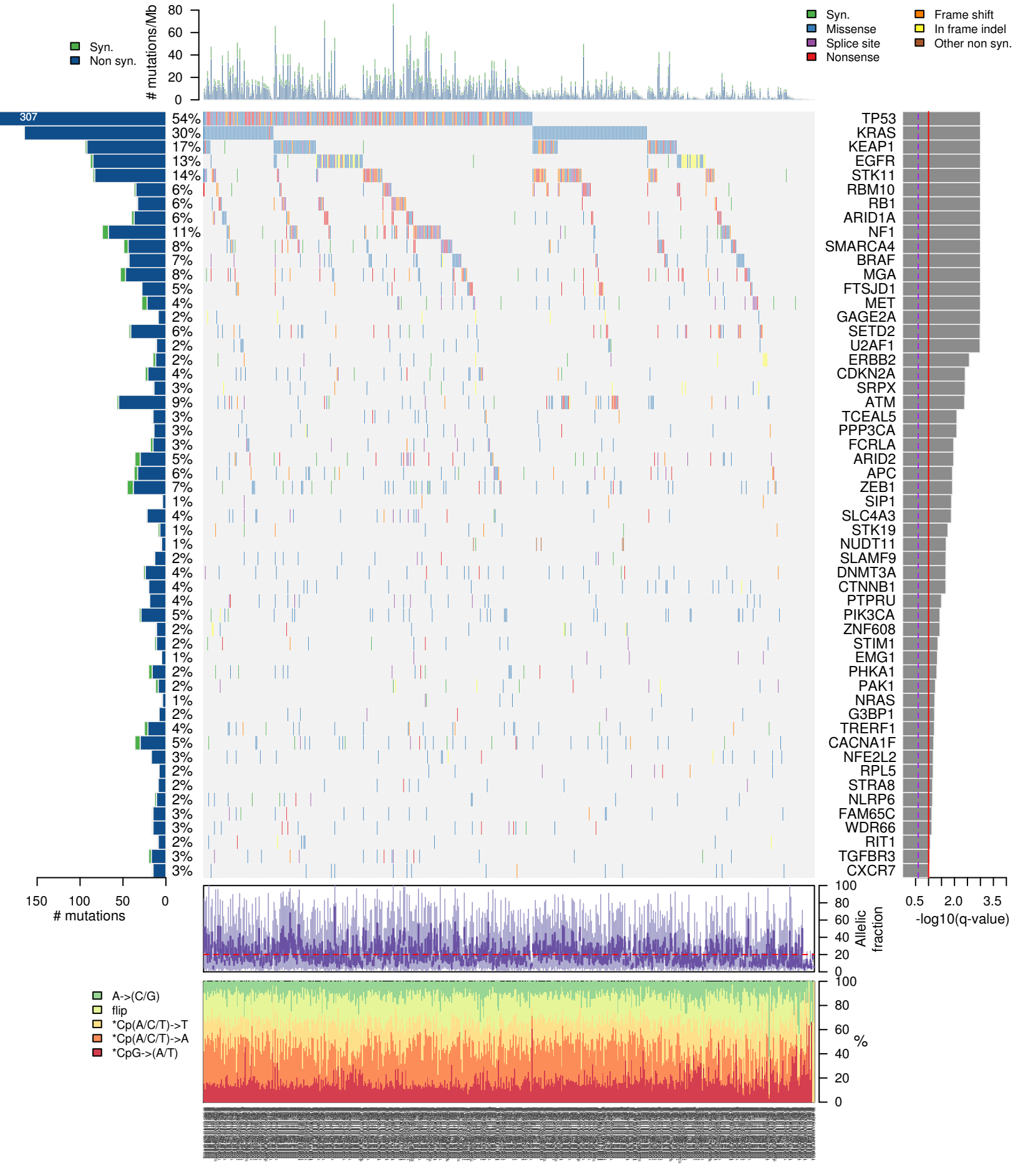
Syn.
Non syn.
mutations/Mb
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
307
54%
30%
17%
13%
14%
6%
6%
6%
11%
8%
7%
8%
5%
4%
2%
6%
2%
2%
4%
3%
9%
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5%
6%
7%
1%
4%
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3%
2%
3%
3%
TP53
KRAS
KEAP1
EGFR
STK11
RBM10
RB1
ARID1A
NF1
SMARCA4
BRAF
MGA
FTSJD1
MET
GAGE2A
SETD2
U2AF1
ERBB2
CDKN2A
SRPX
ATM
TCEAL5
PPP3CA
FCRLA
ARID2
APC
ZEB1
SIP1
SLC4A3
STK19
NUDT11
SLAMF9
DNMT3A
CTNNB1
PTPRU
PIK3CA
ZNF608
STIM1
EMG1
PHKA1
PAK1
NRAS
G3BP1
TRERF1
CACNA1F
NFE2L2
RPL5
STRA8
NLRP6
FAM65C
WDR66
RIT1
TGFBR3
CXCR7
150
100
50
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
Allelic fraction
A->(C/G)
flip
*Cp(A/C/T)->T
*Cp(A/C/T)->A
*CpG->(A/T)
100
80
60
40
20
0
%