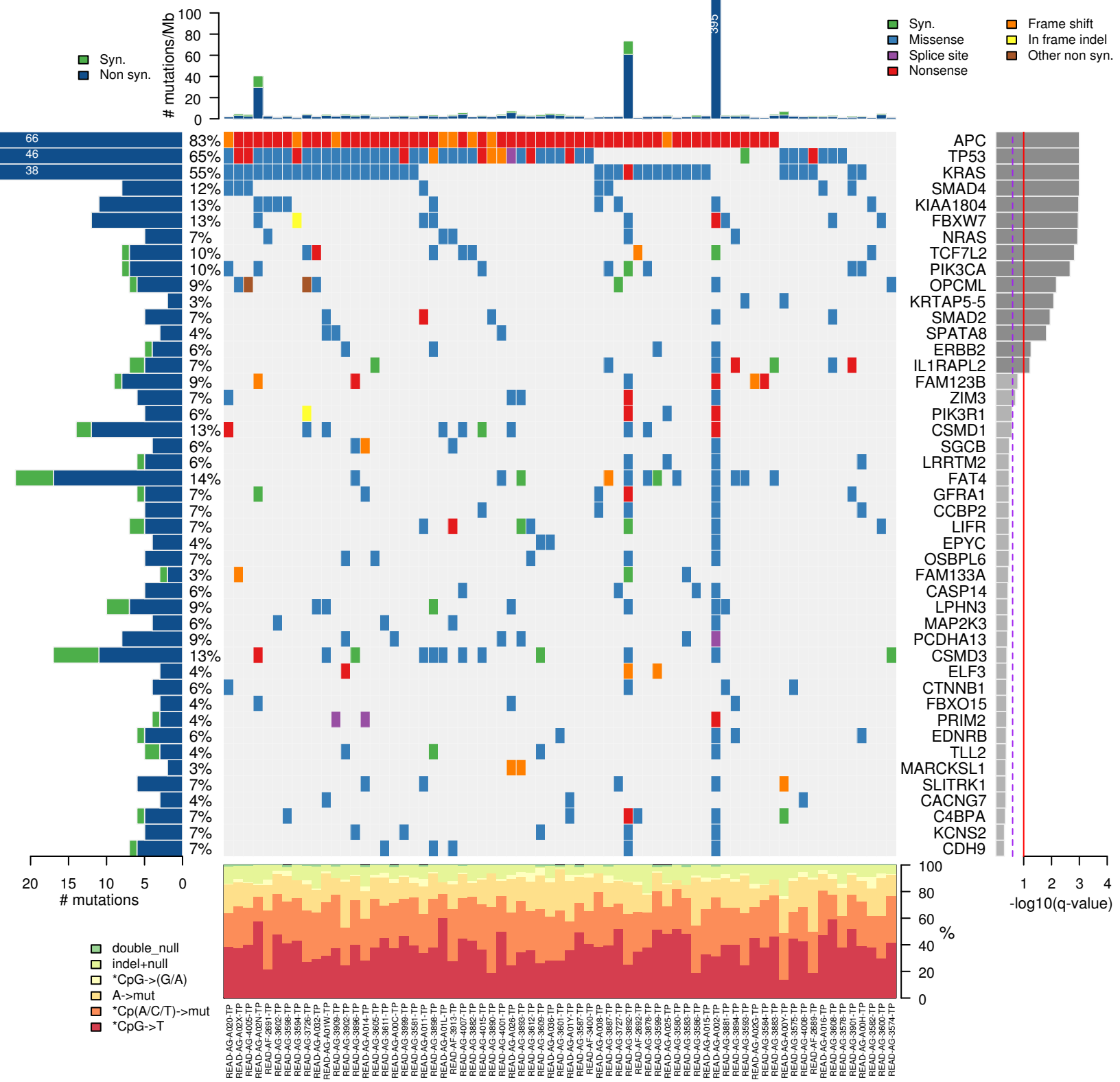
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
395
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
66
46
38
83%
65%
55%
12%
13%
13%
7%
10%
10%
9%
3%
7%
4%
6%
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14%
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7%
7%
7%
APC
TP53
KRAS
SMAD4
KIAA1804
FBXW7
NRAS
TCF7L2
PIK3CA
OPCML
KRTAP5-5
SMAD2
SPATA8
ERBB2
IL1RAPL2
FAM123B
ZIM3
PIK3R1
CSMD1
SGCB
LRRTM2
FAT4
GFRA1
CCBP2
LIFR
EPYC
OSBPL6
FAM133A
CASP14
LPHN3
MAP2K3
PCDHA13
CSMD3
ELF3
CTNNB1
FBXO15
PRIM2
EDNRB
TLL2
MARCKSL1
SLITRK1
CACNG7
C4BPA
KCNS2
CDH9
20
15
10
5
0
mutations
1
2
3
4
-log10(q-value)
double_null
indel+null
*CpG->(G/A)
A->mut
*Cp(A/C/T)->mut
*CpG->T
100
80
60
40
20
0
%