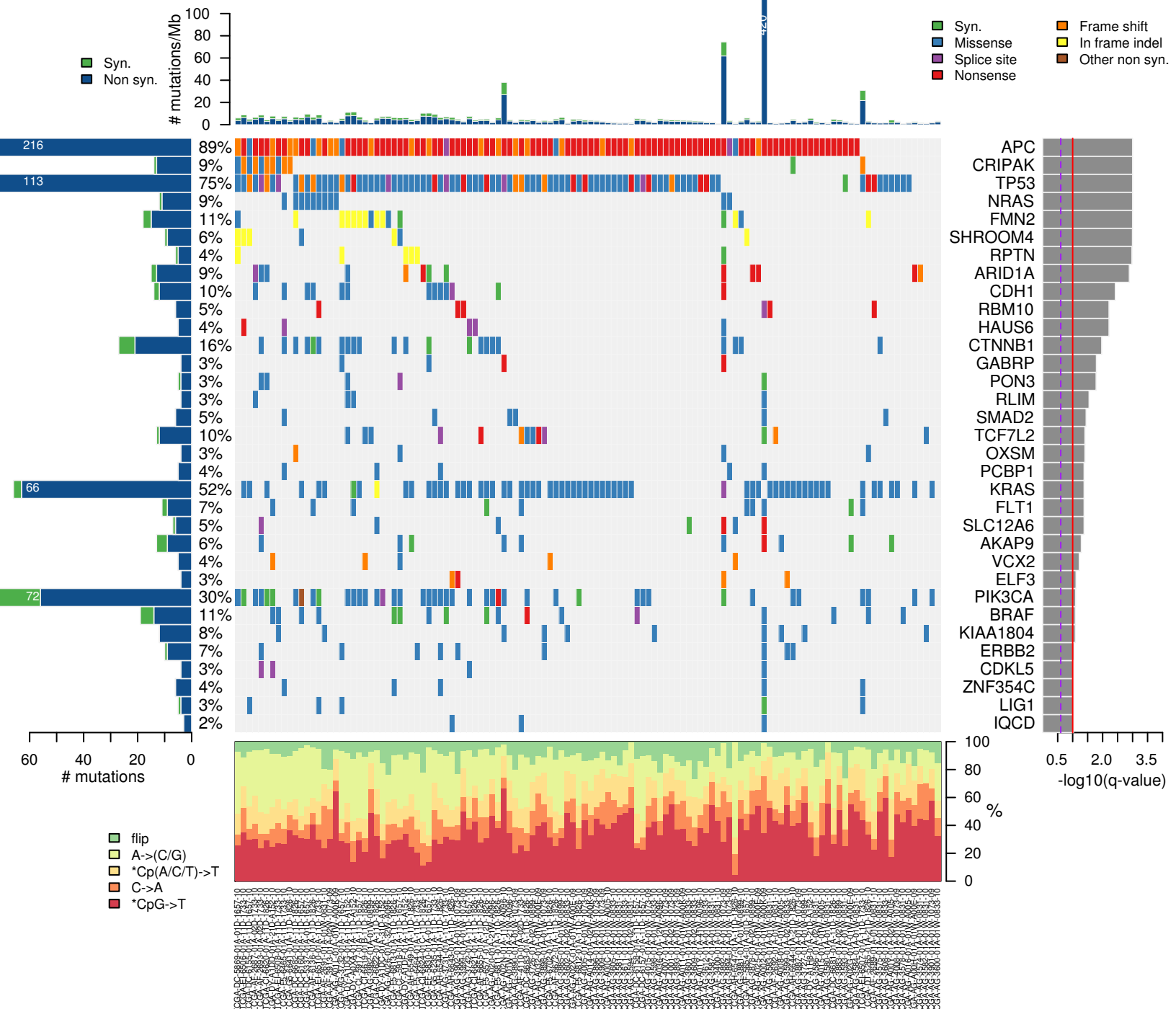
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
420
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
216
89%
9%
113
75%
9%
11%
6%
4%
9%
10%
5%
4%
16%
3%
3%
3%
5%
10%
3%
4%
66
52%
7%
5%
6%
4%
3%
72
30%
11%
8%
7%
3%
4%
3%
2%
APC
CRIPAK
TP53
NRAS
FMN2
SHROOM4
RPTN
ARID1A
CDH1
RBM10
HAUS6
CTNNB1
GABRP
PON3
RLIM
SMAD2
TCF7L2
OXSM
PCBP1
KRAS
FLT1
SLC12A6
AKAP9
VCX2
ELF3
PIK3CA
BRAF
KIAA1804
ERBB2
CDKL5
ZNF354C
LIG1
IQCD
60
40
20
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
flip
A->(C/G)
*Cp(A/C/T)->T
C->A
*CpG->T