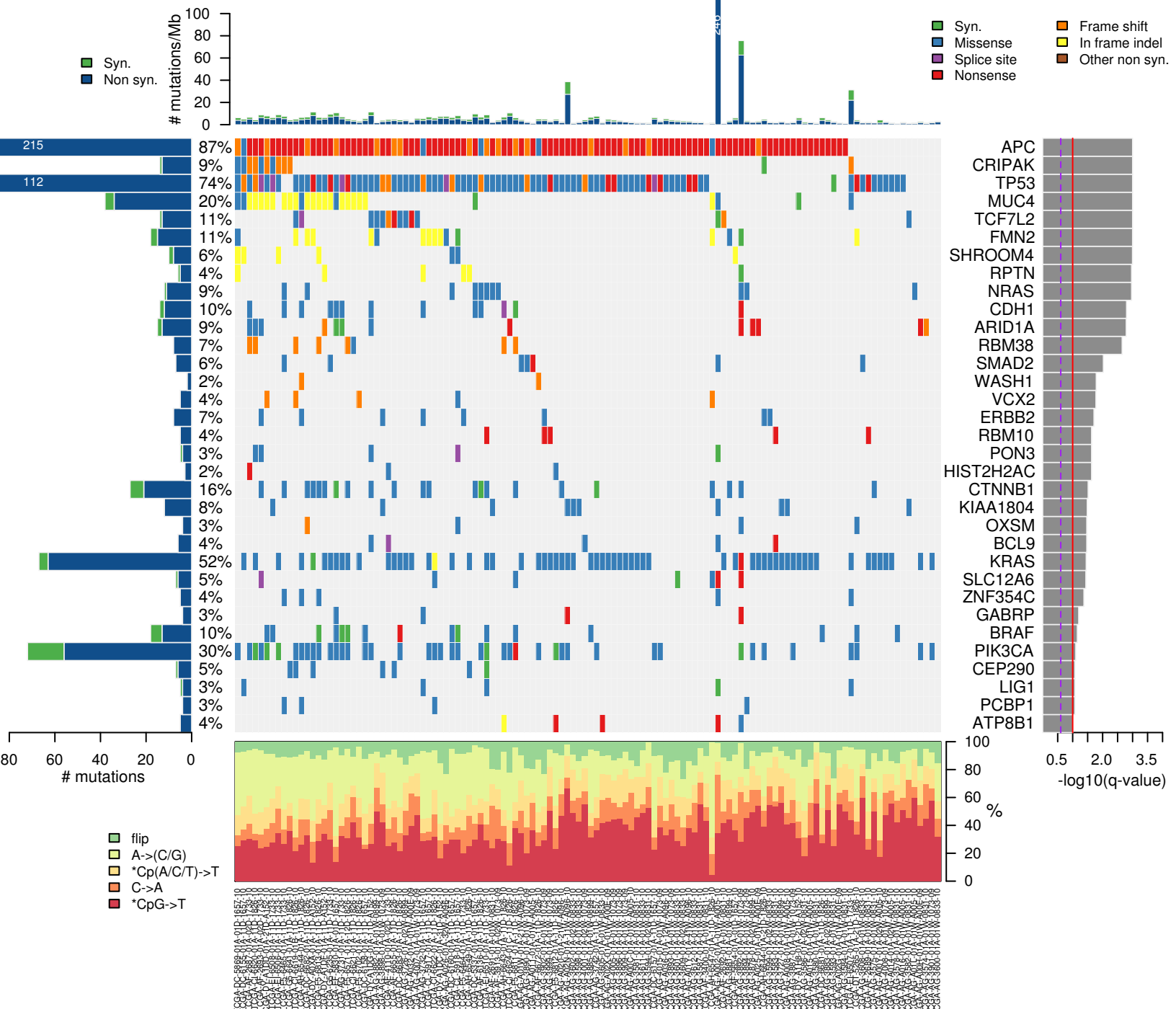
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
240
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
215
112
87%
9%
74%
20%
11%
11%
6%
4%
9%
10%
9%
7%
6%
2%
4%
7%
4%
3%
2%
16%
8%
3%
4%
52%
5%
4%
3%
10%
30%
5%
3%
3%
4%
APC
CRIPAK
TP53
MUC4
TCF7L2
FMN2
SHROOM4
RPTN
NRAS
CDH1
ARID1A
RBM38
SMAD2
WASH1
VCX2
ERBB2
RBM10
PON3
HIST2H2AC
CTNNB1
KIAA1804
OXSM
BCL9
KRAS
SLC12A6
ZNF354C
GABRP
BRAF
PIK3CA
CEP290
LIG1
PCBP1
ATP8B1
80
60
40
20
0
mutations
0.5
2.0
3.5
-log10(q-value)
flip
A->(C/G)
*Cp(A/C/T)->T
C->A
*CpG->T
100
80
60
40
20
0
%