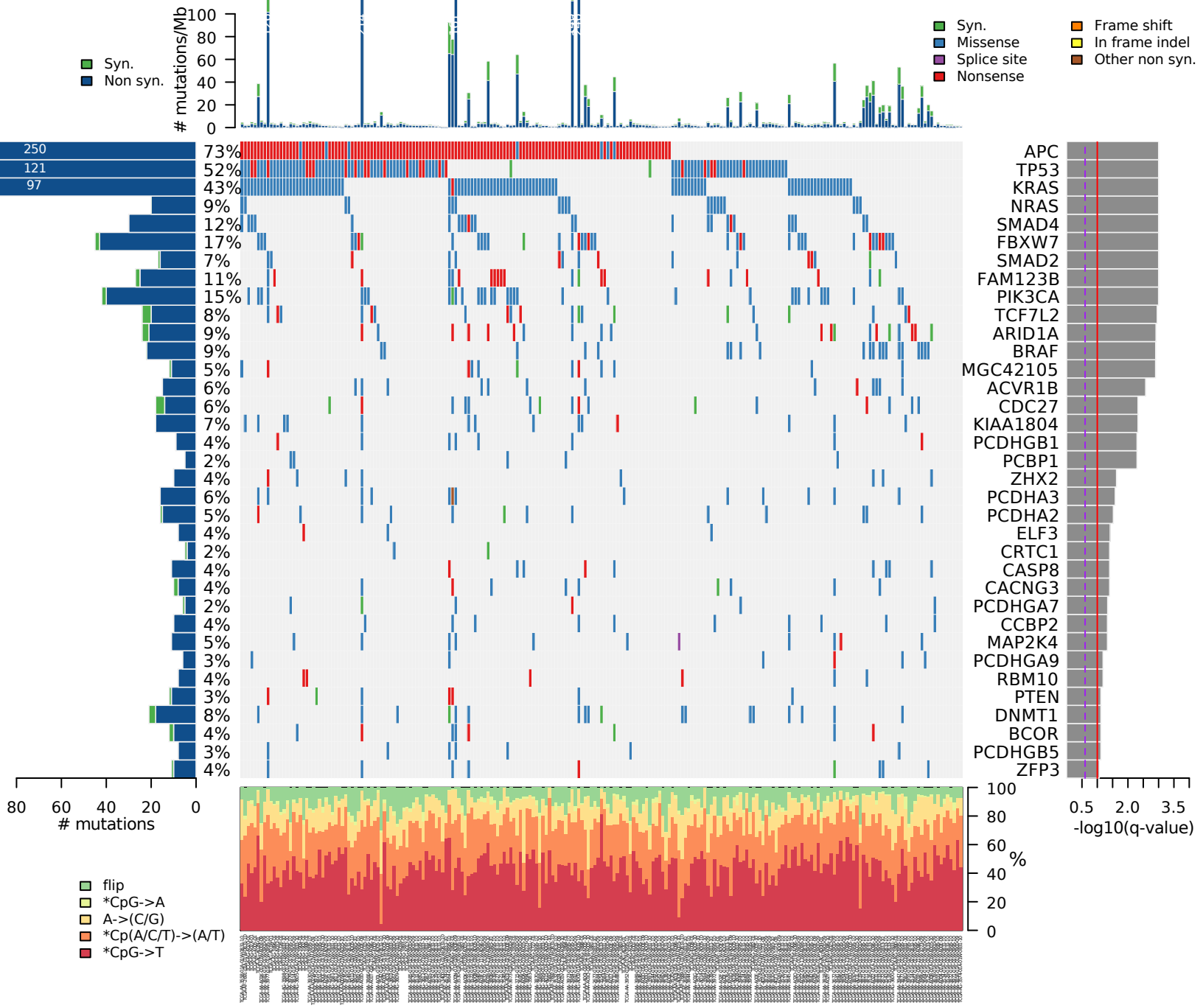
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
250
121
97
73%
52%
43%
9%
12%
17%
7%
11%
15%
8%
9%
9%
5%
6%
6%
7%
4%
2%
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4%
2%
4%
5%
3%
4%
3%
8%
4%
3%
4%
APC
TP53
KRAS
NRAS
SMAD4
FBXW7
SMAD2
FAM123B
PIK3CA
TCF7L2
ARID1A
BRAF
MGC42105
ACVR1B
CDC27
KIAA1804
PCDHGB1
PCBP1
ZHX2
PCDHA3
PCDHA2
ELF3
CRTC1
CASP8
CACNG3
PCDHGA7
CCBP2
MAP2K4
PCDHGA9
RBM10
PTEN
DNMT1
BCOR
PCDHGB5
ZFP3
80
60
40
20
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
flip
*CpG->A
A->(C/G)
*Cp(A/C/T)->(A/T)
*CpG->T