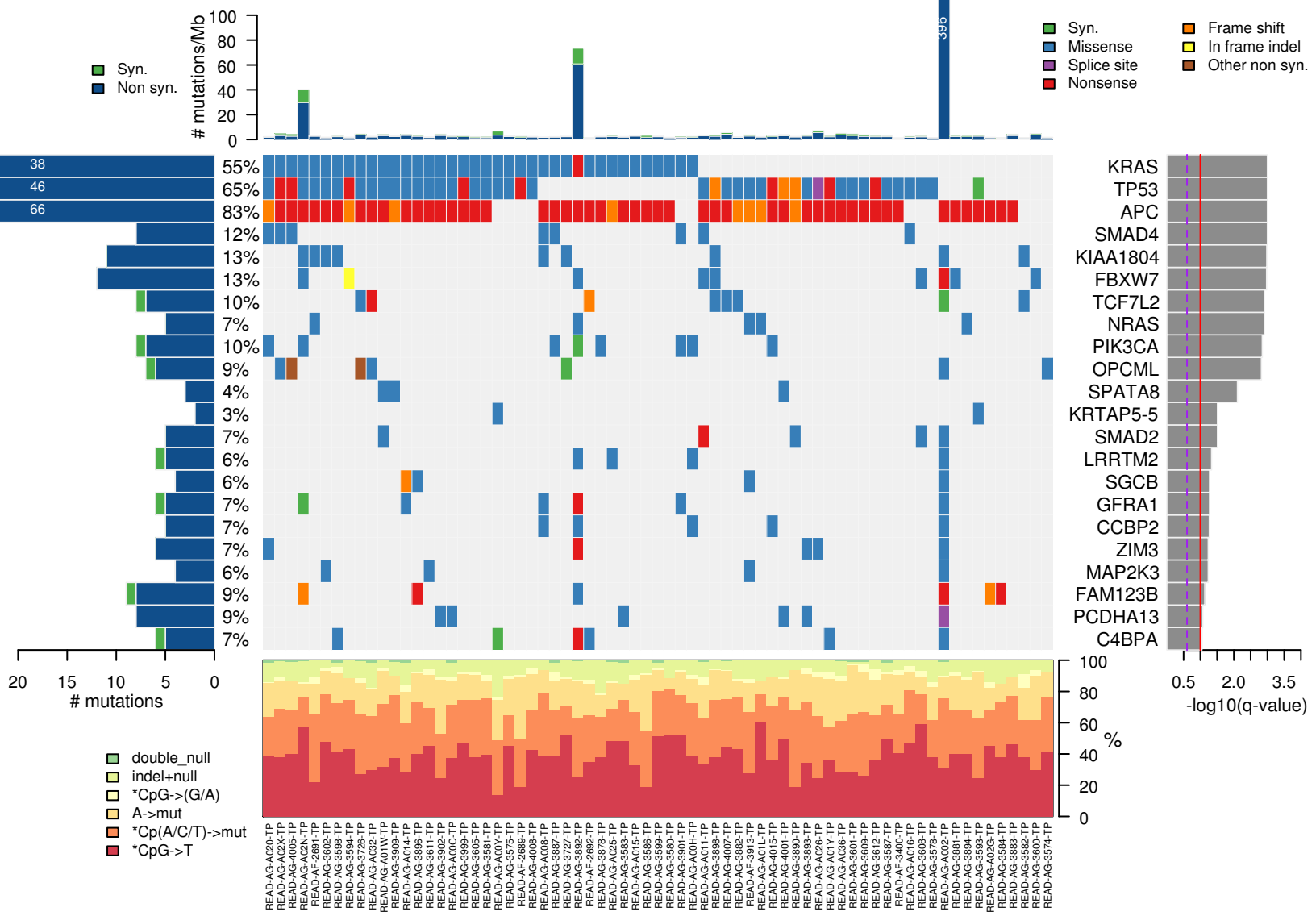
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
396
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
38
46
66
55%
65%
83%
12%
13%
13%
10%
7%
10%
9%
4%
3%
7%
6%
6%
7%
7%
7%
6%
9%
9%
7%
KRAS
TP53
APC
SMAD4
KIAA1804
FBXW7
TCF7L2
NRAS
PIK3CA
OPCML
SPATA8
KRTAP5-5
SMAD2
LRRTM2
SGCB
GFRA1
CCBP2
ZIM3
MAP2K3
FAM123B
PCDHA13
C4BPA
20
15
10
5
0
mutations
0.5
2.0
3.5
-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
%
READ-AG-A020-TP
READ-AG-A02X-TP
READ-AG-A005-TP
READ-AG-A02N-TP
READ-AF-2691-TP
READ-AG-3602-TP
READ-AG-3598-TP
READ-AG-3594-TP
READ-AG-3726-TP
READ-AG-A032-TP
READ-AG-A01W-TP
READ-AG-3909-TP
READ-AG-A014-TP
READ-AG-3896-TP
READ-AG-3611-TP
READ-AG-3902-TP
READ-AG-A00C-TP
READ-AG-3999-TP
READ-AG-3605-TP
READ-AG-3581-TP
READ-AG-A00Y-TP
READ-AG-3575-TP
READ-AF-2689-TP
READ-AG-4008-TP
READ-AG-3887-TP
READ-AG-3727-TP
READ-AG-3892-TP
READ-AF-2692-TP
READ-AG-3878-TP
READ-AG-A025-TP
READ-AG-3583-TP
READ-AG-A015-TP
READ-AG-3586-TP
READ-AG-3599-TP
READ-AG-3580-TP
READ-AG-3901-TP
READ-AG-A00H-TP
READ-AG-A011-TP
READ-AG-3898-TP
READ-AG-4007-TP
READ-AF-3913-TP
READ-AG-3882-TP
READ-AG-A01L-TP
READ-AG-4015-TP
READ-AG-4001-TP
READ-AG-3890-TP
READ-AG-3893-TP
READ-AG-A026-TP
READ-AG-A01Y-TP
READ-AG-A036-TP
READ-AG-3601-TP
READ-AG-3609-TP
READ-AG-3612-TP
READ-AG-3587-TP
READ-AF-3400-TP
READ-AG-A016-TP
READ-AG-3608-TP
READ-AG-3578-TP
READ-AG-A002-TP
READ-AG-3881-TP
READ-AG-3894-TP
READ-AG-3593-TP
READ-AG-A02G-TP
READ-AG-3584-TP
READ-AG-3883-TP
READ-AG-3582-TP
READ-AG-3600-TP
READ-AG-3574-TP