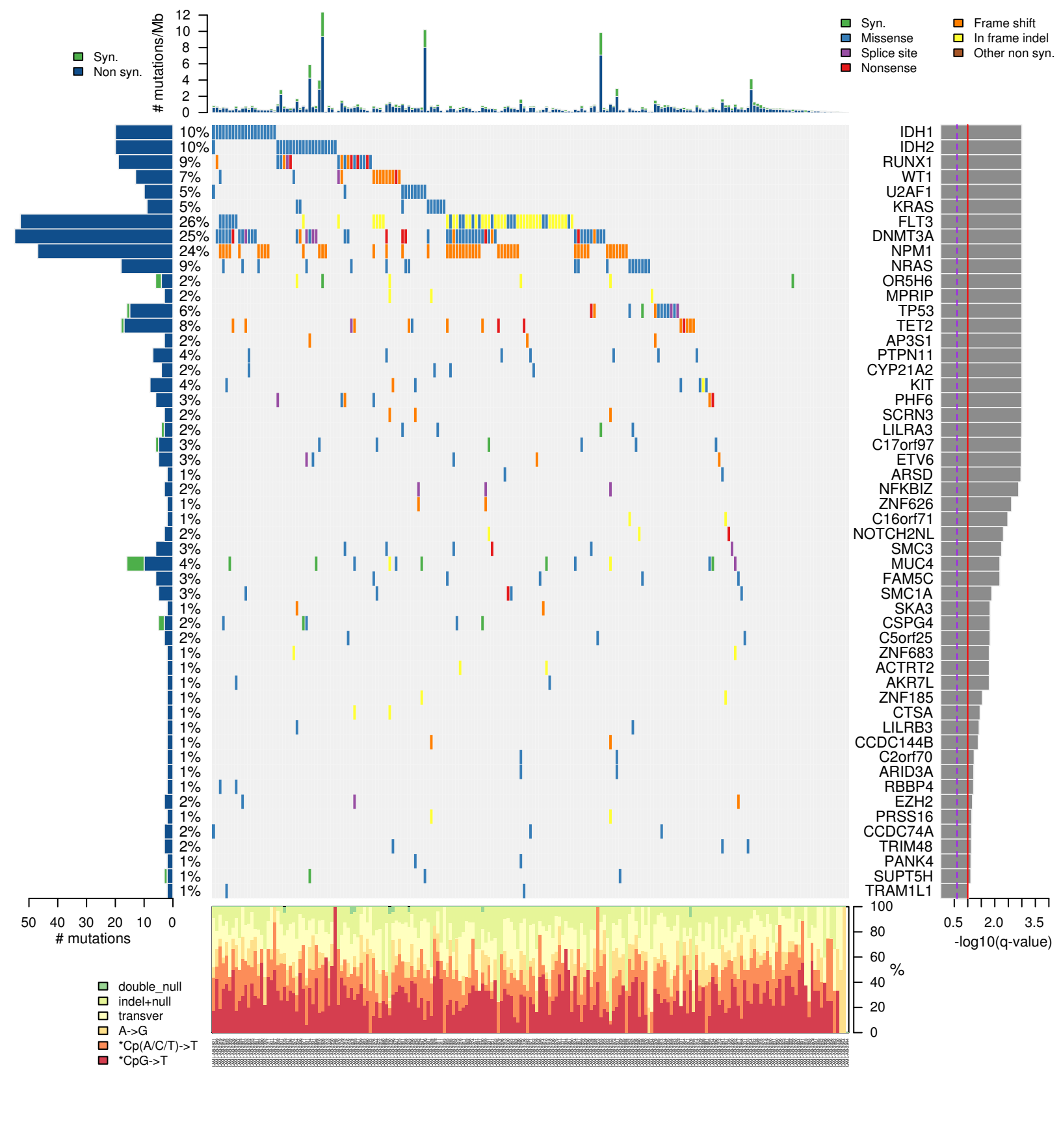
Syn.
Non syn.
mutations/Mb
0
2
4
6
8
10
12
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
10%
10%
9%
7%
5%
5%
26%
25%
24%
9%
2%
2%
6%
8%
2%
4%
2%
4%
3%
2%
2%
3%
3%
1%
2%
1%
1%
2%
3%
4%
3%
3%
1%
2%
2%
1%
1%
1%
1%
1%
1%
1%
1%
1%
2%
1%
2%
2%
1%
1%
1%
IDH1
IDH2
RUNX1
WT1
U2AF1
KRAS
FLT3
DNMT3A
NPM1
NRAS
OR5H6
MPRIP
TP53
TET2
AP3S1
PTPN11
CYP21A2
KIT
PHF6
SCRN3
LILRA3
C17orf97
ETV6
ARSD
NFKBIZ
ZNF626
C16orf71
NOTCH2NL
SMC3
MUC4
FAM5C
SMC1A
SKA3
CSPG4
C5orf25
ZNF683
ACTRT2
AKR7L
ZNF185
CTSA
LILRB3
CCDC144B
C2orf70
ARID3A
RBBP4
EZH2
PRSS16
CCDC74A
TRIM48
PANK4
SUPT5H
TRAM1L1
50
40
30
20
10
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
double_null
indel+null
transver
A->G
*Cp(A/C/T)->T
*CpG->T