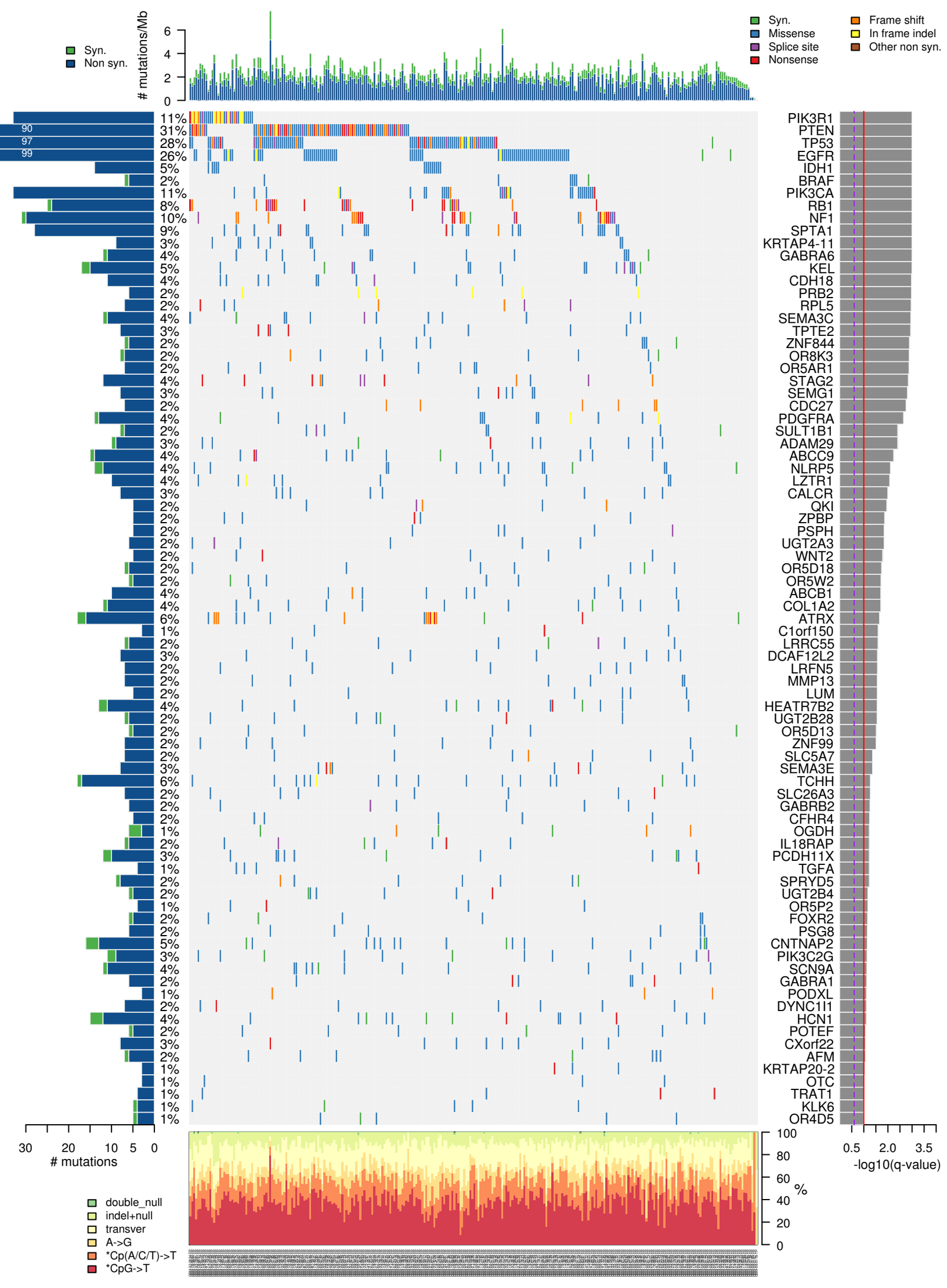
Syn.
Non syn.
mutations/Mb
6
4
2
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
11%
31%
28%
26%
5%
2%
11%
8%
10%
9%
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1%
90
97
99
PIK3R1
PTEN
TP53
EGFR
IDH1
BRAF
PIK3CA
RB1
NF1
SPTA1
KRTAP4-11
GABRA6
KEL
CDH18
PRB2
RPL5
SEMA3C
TPTE2
ZNF844
OR8K3
OR5AR1
STAG2
SEMG1
CDC27
PDGFRA
SULT1B1
ADAM29
ABCC9
NLRP5
LZTR1
CALCR
QKI
ZPBP
PSPH
UGT2A3
WNT2
OR5D18
OR5W2
ABCB1
COL1A2
ATRX
C1orf150
LRRC55
DCAF12L2
LRFN5
MMP13
LUM
HEATR7B2
UGT2B28
OR5D13
ZNF99
SLC5A7
SEMA3E
TCHH
SLC26A3
GABRB2
CFHR4
OGDH
IL18RAP
PCDH11X
TGFA
SPRYD5
UGT2B4
OR5P2
FOXR2
PSG8
CNTNAP2
PIK3C2G
SCN9A
GABRA1
PODXL
DYNC1I1
HCN1
POTEF
CXorf22
AFM
KRTAP20-2
OTC
TRAT1
KLK6
OR4D5
30
20
10
5
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