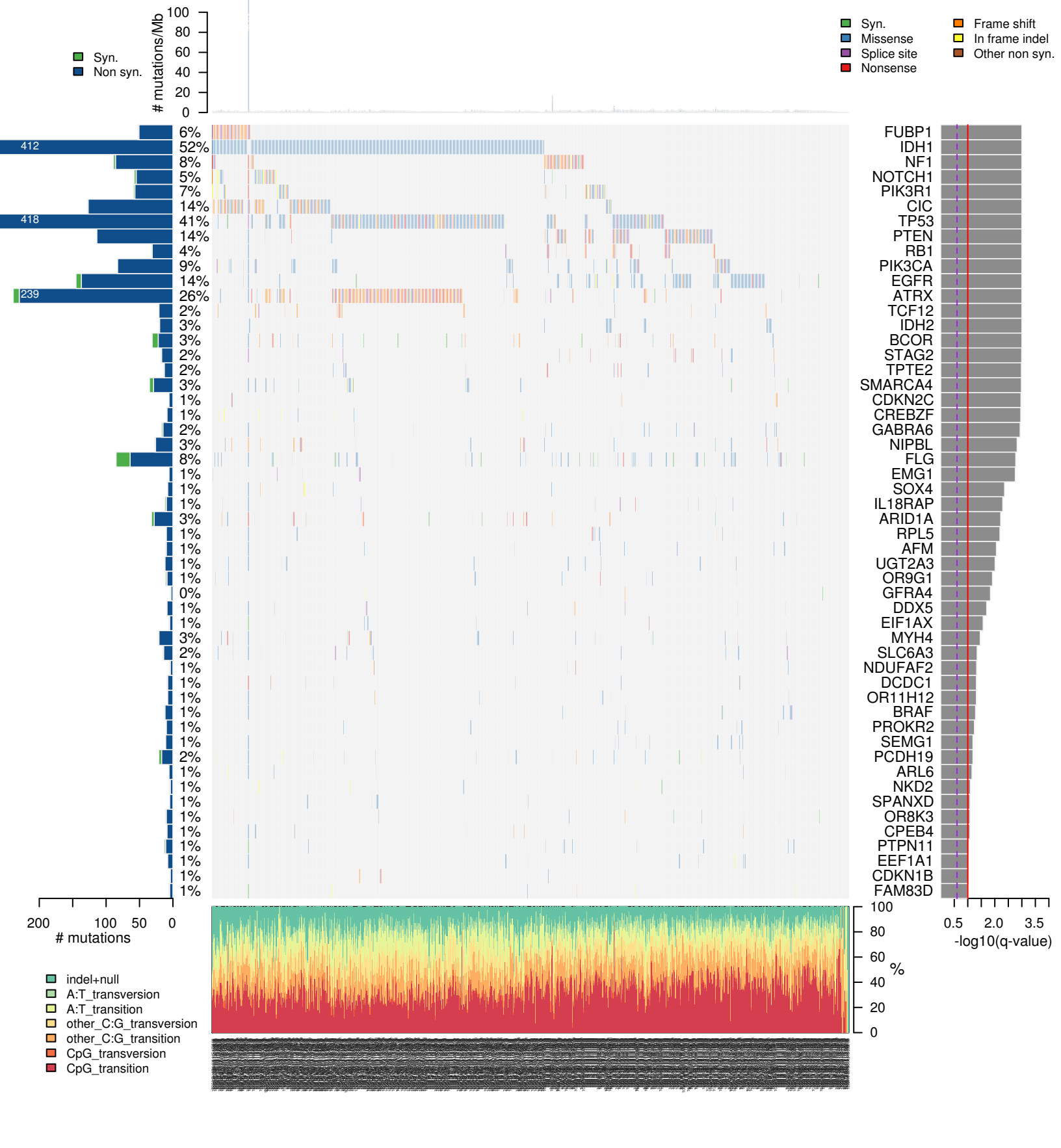
Syn.
Non syn.
mutations/Mb
100
80
60
40
20
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
412
418
239
6%
52%
8%
5%
7%
14%
41%
14%
4%
9%
14%
26%
2%
3%
3%
2%
2%
3%
1%
1%
2%
3%
8%
1%
1%
1%
3%
1%
1%
1%
1%
0%
1%
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3%
2%
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1%
1%
1%
FUBP1
IDH1
NF1
NOTCH1
PIK3R1
CIC
TP53
PTEN
RB1
PIK3CA
EGFR
ATRX
TCF12
IDH2
BCOR
STAG2
TPTE2
SMARCA4
CDKN2C
CREBZF
GABRA6
NIPBL
FLG
EMG1
SOX4
IL18RAP
ARID1A
RPL5
AFM
UGT2A3
OR9G1
GFRA4
DDX5
EIF1AX
MYH4
SLC6A3
NDUFAF2
DCDC1
OR11H12
BRAF
PROKR2
SEMG1
PCDH19
ARL6
NKD2
SPANXD
OR8K3
CPEB4
PTPN11
EEF1A1
CDKN1B
FAM83D
200
100
50
0
mutations
0.5
2.0
3.5
-log10(q-value)
indel+null
A:T_transversion
A:T_transition
other_C:G_transversion
other_C:G_transition
CpG_transversion
CpG_transition
100
80
60
40
20
0
%