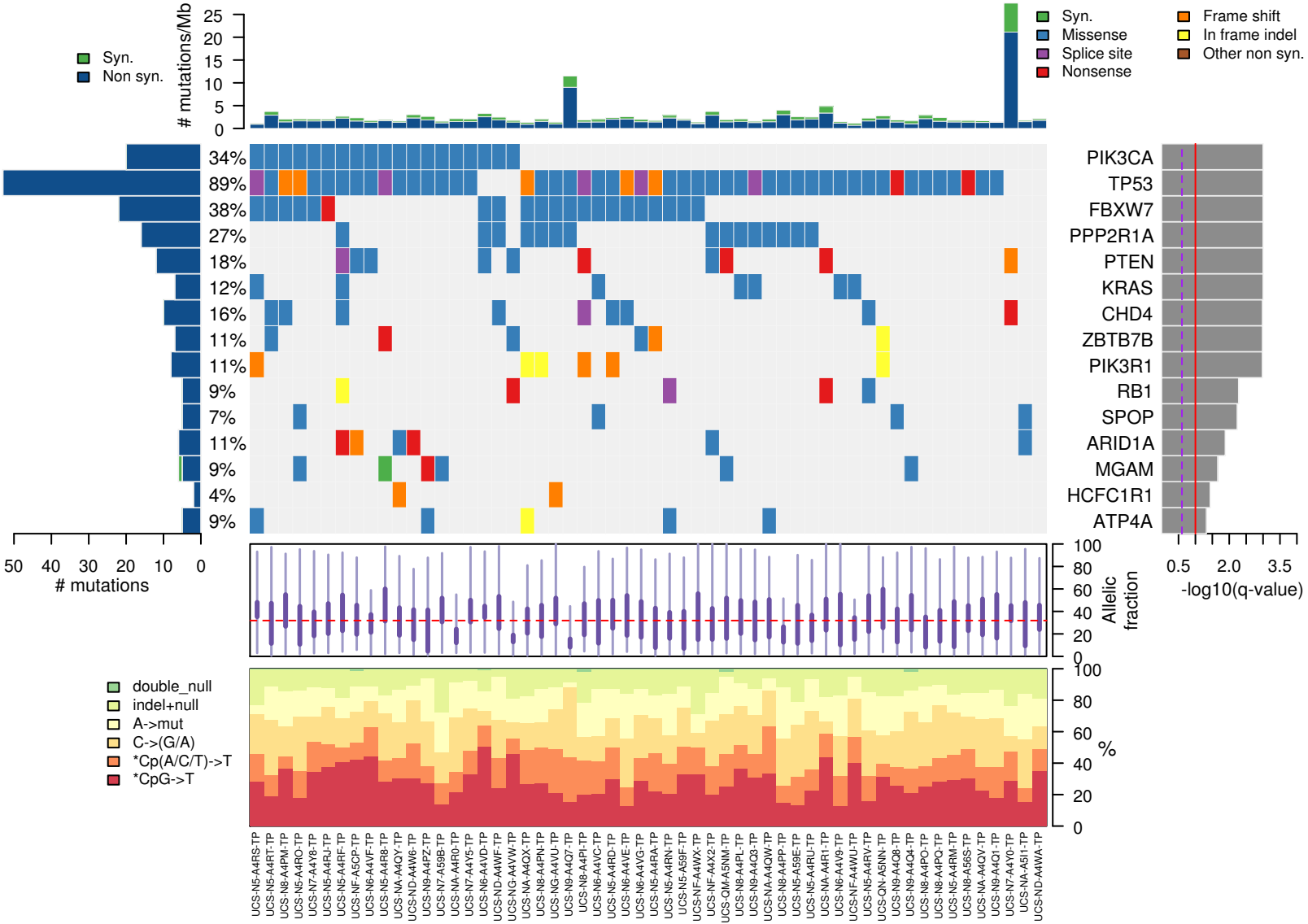
Syn.
Non syn.
mutations/Mb
25
20
15
10
5
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
34%
89%
38%
27%
18%
12%
16%
11%
11%
9%
7%
11%
9%
4%
9%
PIK3CA
TP53
FBXW7
PPP2R1A
PTEN
KRAS
CHD4
ZBTB7B
PIK3R1
RB1
SPOP
ARID1A
MGAM
HCFC1R1
ATP4A
50 40 30 20 10 0
mutations
0.5 2.0 3.5
-log10(q-value)
Allelic fraction
100
80
60
40
20
0
double_null
indel+null
A->mut
C->(G/A)
*Cp(A/C/T)->T
*CpG->T
%
UCS-N5-A4RS-TP
UCS-N5-A4RT-TP
UCS-N8-A4PM-TP
UCS-N5-A4RQ-TP
UCS-N7-A4Y9-TP
UCS-N5-A4RJ-TP
UCS-N5-A4RF-TP
UCS-NF-A5CP-TP
UCS-N6-A4VF-TP
UCS-N5-A4R8-TP
UCS-NA-A4QY-TP
UCS-ND-A4W6-TP
UCS-N9-A4PZ-TP
UCS-N7-A59B-TP
UCS-NA-A4R0-TP
UCS-N7-A4Y5-TP
UCS-N6-A4VD-TP
UCS-ND-A4WF-TP
UCS-NG-A4VW-TP
UCS-NA-A4QX-TP
UCS-N8-A4PN-TP
UCS-NG-A4VU-TP
UCS-N9-A4Q7-TP
UCS-N8-A4PI-TP
UCS-N6-A4VC-TP
UCS-N5-A4RD-TP
UCS-N6-A4VE-TP
UCS-N6-A4VG-TP
UCS-N5-A4RA-TP
UCS-N5-A4RN-TP
UCS-N5-A59F-TP
UCS-NF-A4WX-TP
UCS-NF-A4X2-TP
UCS-QM-A5NM-TP
UCS-N8-A4PL-TP
UCS-N9-A4Q3-TP
UCS-NA-A4QW-TP
UCS-N8-A4PP-TP
UCS-N5-A59E-TP
UCS-N5-A4RU-TP
UCS-NA-A4R1-TP
UCS-N6-A4V9-TP
UCS-NF-A4WU-TP
UCS-N5-A4RV-TP
UCS-QN-A5NN-TP
UCS-N9-A4Q8-TP
UCS-N9-A4Q4-TP
UCS-N8-A4PO-TP
UCS-N8-A4PQ-TP
UCS-N5-A4RM-TP
UCS-N8-A56S-TP
UCS-NA-A4QV-TP
UCS-N9-A4Q1-TP
UCS-N7-A4Y0-TP
UCS-NA-A5I1-TP
UCS-ND-A4WA-TP