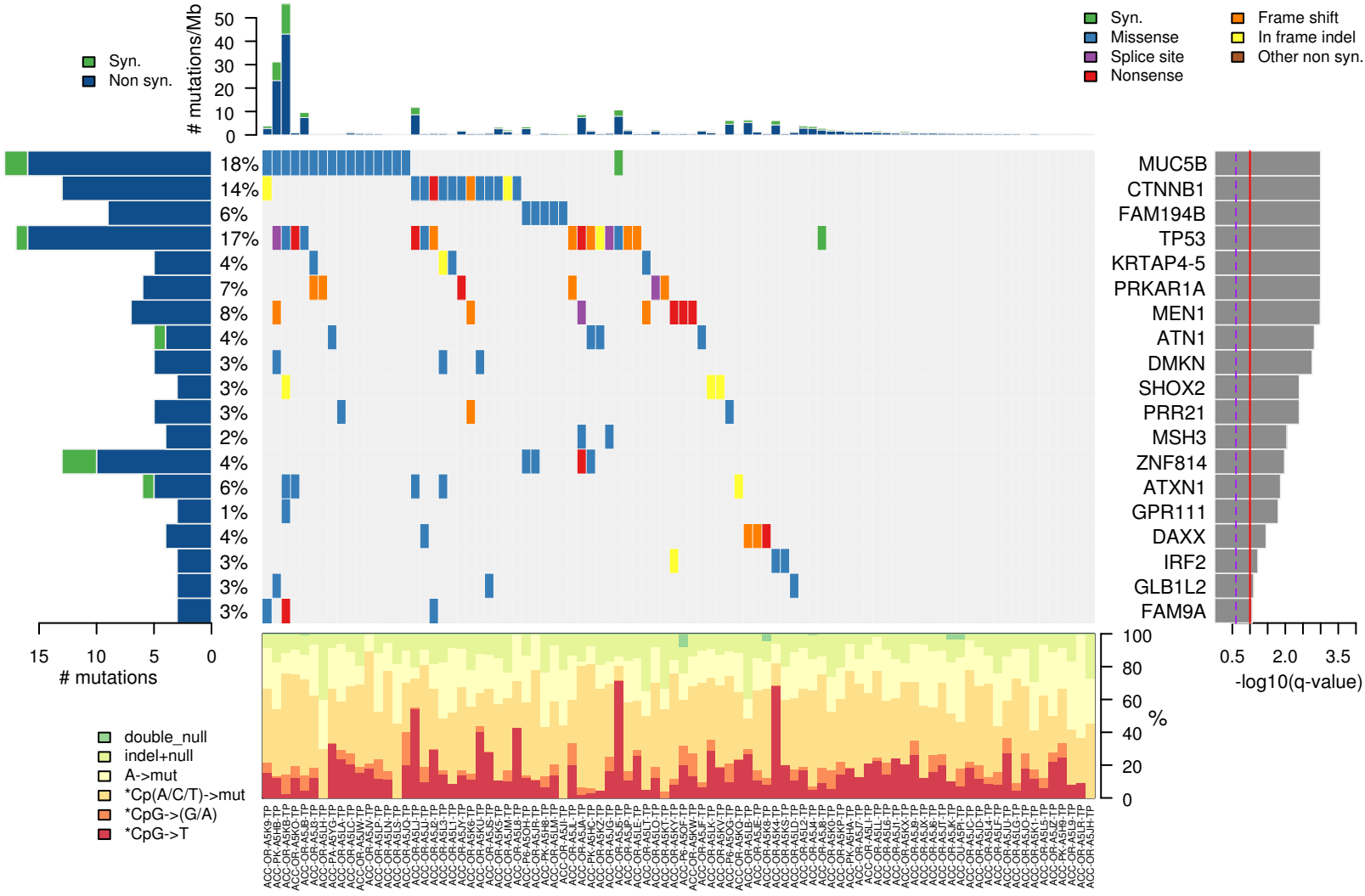
Syn.
Non syn.
mutations/Mb
50
40
30
20
10
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
18%
14%
6%
17%
4%
7%
8%
4%
3%
3%
3%
2%
4%
6%
1%
4%
3%
3%
3%
MUC5B
CTNNB1
FAM194B
TP53
KRTAP4-5
PRKAR1A
MEN1
ATN1
DMKN
SHOX2
PRR21
MSH3
ZNF814
ATXN1
GPR111
DAXX
IRF2
GLB1L2
FAM9A
15
10
5
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
double_null
indel+null
A->mut
*Cp(A/C/T)->mut
*CpG->(G/A)
*CpG->T