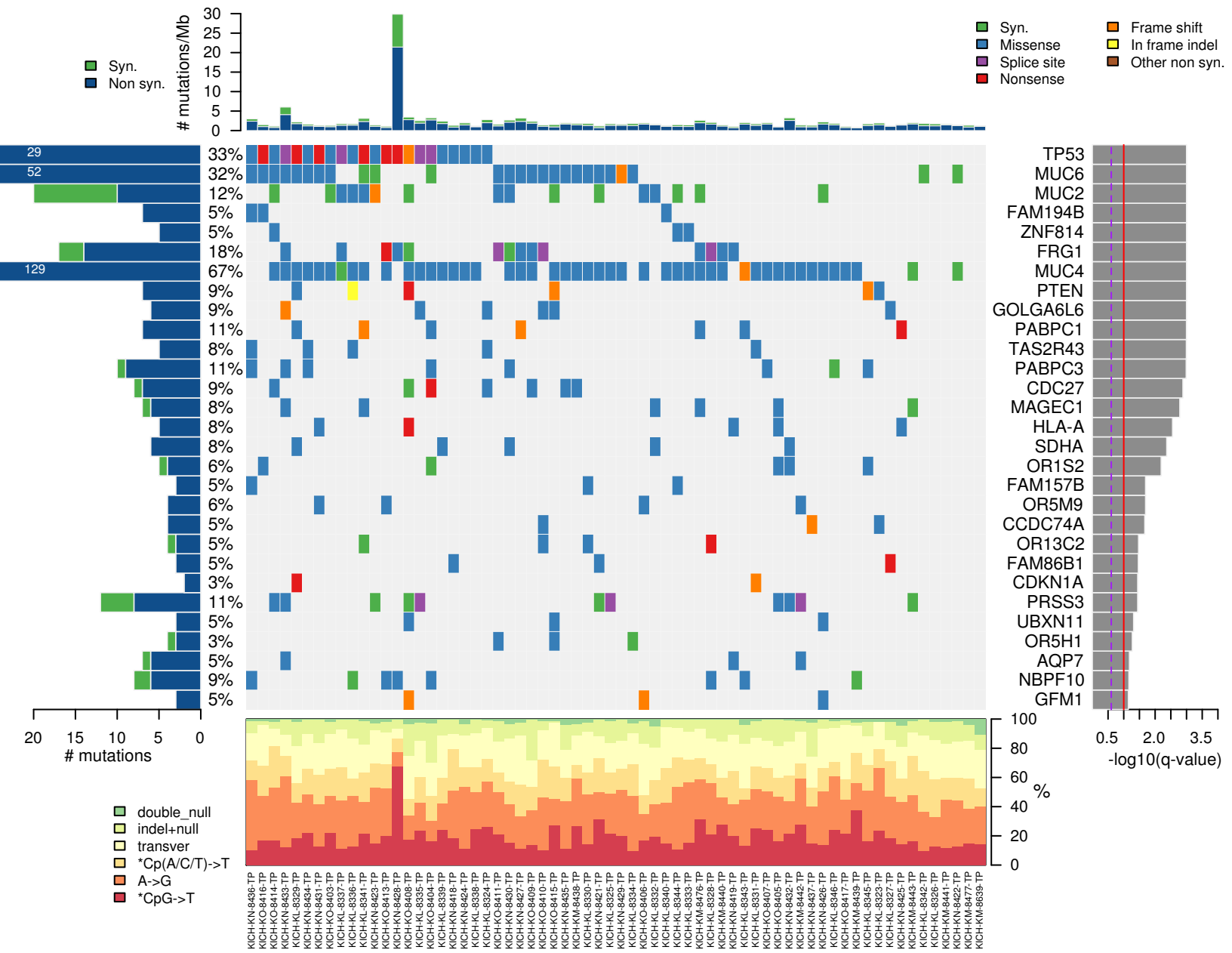
Syn.
Non syn.
mutations/Mb
30
25
20
15
10
5
0
Syn.
Missense
Splice site
Nonsense
Frame shift
In frame indel
Other non syn.
29
52
129
33%
32%
12%
5%
5%
18%
67%
9%
9%
11%
8%
11%
9%
8%
8%
8%
6%
5%
6%
5%
5%
5%
3%
11%
5%
3%
5%
9%
5%
TP53
MUC6
MUC2
FAM194B
ZNF814
FRG1
MUC4
PTEN
GOLGA6L6
PABPC1
TAS2R43
PABPC3
CDC27
MAGEC1
HLA-A
SDHA
OR1S2
FAM157B
OR5M9
CCDC74A
OR13C2
FAM86B1
CDKN1A
PRSS3
UBXN11
OR5H1
AQP7
NBPF10
GFM1
20
15
10
5
0
mutations
0.5
2.0
3.5
-log10(q-value)
100
80
60
40
20
0
%
double_null
indel+null
transver
*Cp(A/C/T)->T
A->G
*CpG->T
KICH-KN-8436-TP
KICH-KO-8416-TP
KICH-KO-8414-TP
KICH-KN-8433-TP
KICH-KL-8329-TP
KICH-KN-8434-TP
KICH-KN-8431-TP
KICH-KO-8403-TP
KICH-KL-8337-TP
KICH-KL-8336-TP
KICH-KL-8341-TP
KICH-KN-8423-TP
KICH-KO-8413-TP
KICH-KN-8428-TP
KICH-KO-8408-TP
KICH-KL-8335-TP
KICH-KO-8404-TP
KICH-KL-8339-TP
KICH-KN-8418-TP
KICH-KN-8424-TP
KICH-KL-8338-TP
KICH-KL-8324-TP
KICH-KO-8411-TP
KICH-KN-8430-TP
KICH-KN-8427-TP
KICH-KO-8409-TP
KICH-KO-8410-TP
KICH-KO-8415-TP
KICH-KN-8435-TP
KICH-KM-8438-TP
KICH-KL-8330-TP
KICH-KN-8421-TP
KICH-KL-8325-TP
KICH-KN-8429-TP
KICH-KL-8334-TP
KICH-KO-8406-TP
KICH-KL-8332-TP
KICH-KL-8340-TP
KICH-KL-8344-TP
KICH-KL-8333-TP
KICH-KM-8476-TP
KICH-KL-8328-TP
KICH-KM-8440-TP
KICH-KN-8419-TP
KICH-KL-8343-TP
KICH-KL-8331-TP
KICH-KO-8407-TP
KICH-KO-8405-TP
KICH-KN-8432-TP
KICH-KM-8442-TP
KICH-KN-8437-TP
KICH-KN-8426-TP
KICH-KL-8346-TP
KICH-KO-8417-TP
KICH-KM-8439-TP
KICH-KL-8345-TP
KICH-KL-8323-TP
KICH-KL-8327-TP
KICH-KN-8425-TP
KICH-KM-8443-TP
KICH-KL-8342-TP
KICH-KL-8326-TP
KICH-KM-8441-TP
KICH-KN-8422-TP
KICH-KM-8477-TP
KICH-KM-8639-TP