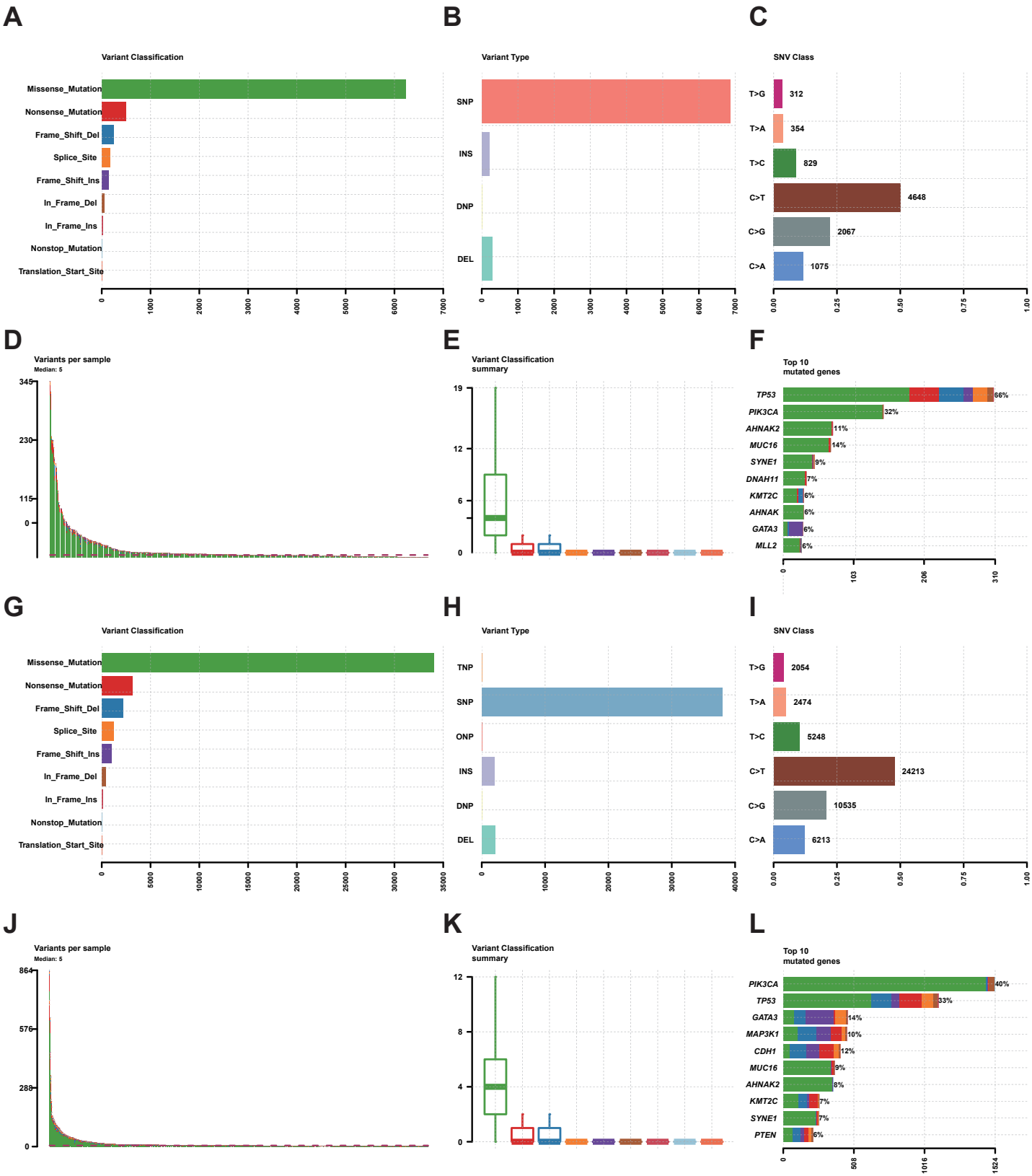
Figure S3


A
Variant Classification
Missense_Mutation
Nonsense_Mutation
Frame_Shift_Del
Splice_Site
Frame_Shift_Ins
In_Frame_Del
In_Frame_Ins
Nonstop_Mutation
Translation_Start_Site
0
1000
2000
3000
4000
5000
6000
7000
B
Variant Type
SNP
INS
DNP
DEL
0
1000
2000
3000
4000
5000
6000
7000
C
SNV Class
T>G
312
T>A
354
T>C
829
C>T
4648
C>G
2067
C>A
1075
0.00
0.25
0.50
0.75
1.00
D
Variants per sample
Median: 5
345
230
115
0
E
Variant Classification summary
19
12
6
0
F
Top 10 mutated genes
TP53
66%
PIK3CA
32%
AHNAK2
11%
MUC16
14%
SYNE1
9%
DNAH11
7%
KMT2C
6%
AHNAK
6%
GATA3
6%
MLL2
6%
0
103
206
310
G
Variant Classification
Missense_Mutation
Nonsense_Mutation
Frame_Shift_Del
Splice_Site
Frame_Shift_Ins
In_Frame_Del
In_Frame_Ins
Nonstop_Mutation
Translation_Start_Site
0
5000
10000
15000
20000
25000
30000
35000
H
Variant Type
TNP
SNP
ONP
INS
DNP
DEL
0
10000
20000
30000
40000
I
SNV Class
T>G
2054
T>A
2474
T>C
5248
C>T
24213
C>G
10535
C>A
6213
0.00
0.25
0.50
0.75
1.00
J
Variants per sample
Median: 5
864
576
288
0
K
Variant Classification summary
12
8
4
0
L
Top 10 mutated genes
PIK3CA
40%
TP53
33%
GATA3
14%
MAP3K1
10%
CDH1
12%
MUC16
9%
AHNAK2
8%
KMT2C
7%
SYNE1
7%
PTEN
6%
0
508
1016
1524