A
OT1 OT20 OT11 OT18 OT3 OT9 OT40 OT34 OT22 OT37 OT6 OT23 OT50 OT43 OT28 OT38 OT49 OT42 OT12 OT21 OT25 OT24 OT27 OT55 OT46 OT32 OT53 OT14 OT51 OT30 OT54 OT2 OT10 OT19 OT4 OT8 OT17 OT41 OT26 OT7 OT33 OT45 OT52 OT29 OT48 OT47 OT31 OT44
Age >50 <=50
Gender M F
Smoking Y N NA
Alcohol Y N NA
Chewing Y N NA
HPV P N NA
DFS L M H NA
Grade WD MD PD NA
Recurrence Y N M
Stage E L
Node P N
B
Somatic mutation frequency / MB
50
25
0
C
D
Frequency Gene
38 TP53
8 RASA1
8 CASP8
6 CDNK2A
4 NOTCH2
4 NOTCH1
4 DMD
4 PIK3CA
2 OBSCN
2 FAT1
2 HLA-A
2 AJUBA
2 ANK3
2 ING1
2 KEAP1
2 MLL2
2 NFE2L2
2 TTK
2 U2AF1
E
F
Chr
6
7
8
9
11
14
16
17
20
X
13
# cancer-associated genes
3
6
mutations
indel
insertion
deletion
insertion & deletion