

AFSPA	0	0	0	0	0	0	2.7	0	0	2.8	0	0	0	0	0.8	0.6	0.5	1	0	0.8	0	0.4	0.6	1.4	0	1.2	1.4	3.7	0.8	0	0	0	
FDPB03	0	0	0	0	0	0	2.7	0	0	0	0	0	0	0	0	0	0	0	1.5	0	0.2	0.1	0	0.3	0.2	1.4	0	0	0	0	0	0	
FZPB02	0	2	0	0	2.8	0	0	1.1	3.5	0	0.2	0	0.5	0.6	1.6	1.2	1.6	0	3	0	22.2	0.8	2.2	3.5	0.6	3.9	3.8	5.4	3.2	0.6	0	0	
PPPC6	0	2	1	0	2.8	0	0	2.3	0	0	0.2	0	0.3	0	0.4	0.6	0	0.22	2.2	0	0.2	0.3	1.1	0.3	1.3	1.5	3.1	3.9	2.3	7.8	0.3	0.7	
HRAS	0	0	17.3	0	0	10.6	0	0	0	0	4.1	0	1.6	0	0	0.6	0	0	0	0	6.7	0.7	1.7	0.7	0.6	5.2	0.7	2.1	2.3	3	0	0	
VHL	0	2	2.9	1	0	2.1	0	0	0	0	0	0	0	0.8	4.9	1.6	0	0	0.2	0.7	0.3	0.2	0.1	0.6	0	0.6	1	0.7	1.4	1.3	1.7	0	0
RAS2	0	0	1	1	0	0	0	1.1	1.8	0	0	0	0	0.5	0	0.4	0	0	0.2	2.2	0.3	0.4	0.1	0.4	0.3	0.6	0.2	1.4	5.2	1	1.3	0	0.2
RGD01	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.9	0.4	0	0.5	0.2	0	0	0	0.4	0.4	0.3	0.6	0.2	0.7	3.1	2.1	4.1	0.3	0.2	
CBFB	0	0	0	0	0	0	2.7	0	0	0	0	0	0	0	0	0	0.5	0	0	0	2.6	1.1	1.4	0.4	0.7	1.6	4.5	1.3	0.9	0.6	0.5	0	
CEBPA	0	0	0	1	0	0	0	0	1.1	0	0	0	0.9	0	0.4	0	0.22	0	0	0	0.2	0.1	0.4	1	0	0.7	0.5	2.1	1	0.4	0	0.2	
MGMT	0	0	0	0	0	0	0	0	0	4.2	0.2	0	0	0	0.4	0	0	0.2	1.5	1	1.4	0.4	0.2	0.3	0.9	0.5	1.4	1.9	0.5	3.5	0	0.5	
CDK4	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.4	0.6	0	0.6	2.2	0.3	1	0	0.6	1.7	0.7	1.5	0.9	3.5	1.3	5	0	0.5
PIW1	0	0	0	0	0	0	27	0	0	0	0.2	0.9	0	0	0	0	0	0.2	0.7	0.8	0.6	0.2	1.1	2.8	0.7	1	1.2	5.2	1.8	2.2	0.3	0.5	
CD70	0	0	0	0	0	0	10.8	0	0	0	0	0	0.5	0	0	0	0	0	0.2	0.7	0.3	0.4	0.3	1.1	0.3	1.1	1.2	0.9	2.1	2.4	0.6	0.2	
TCEB1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0.4	0.6	0	0.2	0.7	0	0.6	0.2	1	0.3	0.6	0.2	0.5	1.6	0.5	0.4	0.3	0.2	
RHEB	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0.8	0	0	1.5	0	0.4	0.1	0.6	0	0.7	0.7	0.7	3.1	1.3	1.3	0.6	0.5		
HIST1H1C	0	0	0	0	0	0	1.4	27	0	1.8	2.8	0.5	0	0.8	0	0	1.9	2.2	0.6	0	0.3	2.4	0.4	1.3	2.4	2.2	3.4	3.3	3.7	3.1	2.4	1.4	0.7
CD79B	0	0	0	0	0	1.4	13.5	0	0	0	0.2	0	0.5	0.6	0	1.2	0	0.2	0.7	0.3	0	0.6	1.3	1	0.6	0.5	0.5	3.1	0.8	3	0.6	0	
GNAQ	50	0	0	0	1	2.8	0	2.7	0	1.8	1.4	0	0	0.3	0	0	0.6	0.5	0.2	0.7	0.2	0.4	0.9	0.7	1.1	1.2	1.8	6.2	2.1	4.3	0.3	0	
EGFR	0	0	0	0	1	2.8	0	1.4	0	1.1	1.8	1.4	0	0.5	0.3	0	0.6	1.6	0.2	2.2	1.3	0	0.7	1.3	0.7	1.1	1.2	3.8	8.3	4.1	3.2	0.6	0
B2M	0	0	0	0	2.8	0	24.3	0	0	0	0	0	0.5	0.3	0.6	0.8	0	1.1	0	4.4	0.8	1.8	0.3	2.2	2.1	2.6	1.2	6.3	4.9	5.6	2.4	0.8	0.5
ATXN8	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.3	0	0.8	0	0.5	0	0.7	0.3	1.2	0.7	1.1	0.3	0.4	2.2	1.2	4.9	1	1.1	0.3	0.2
RPS6K3	0	0	0	0	5.6	0	0	0	0	0	0	0	0.5	0.5	0	0.4	0	0	0.6	3.7	1.3	0.8	1.6	2.4	3.1	1.3	2.5	1.9	10.7	1.5	3.2	4.5	0.5
SOX9	0	0	0	0	2.8	0	0	0	1.8	0	0.2	0.5	0.3	0.9	1.2	0	1.6	0	6.7	1.3	2.2	0.8	0.6	1.4	2.6	1.5	3.8	9.5	14.4	3.7	1.1	0	
RARA	0	2	0	0	2.8	0	1.4	0	0	0	0.2	0.5	0.3	0.9	1.2	0	1.1	0	0.7	1	1	0.7	1.3	0.7	1.5	1.5	2.6	4.7	3.1	3.5	0.6	0.5	
RHOB	0	0	0	0	2.8	1.1	0	5.4	0	0	1.4	0	0	0.3	0.6	0.8	0	0	1.5	0.3	0.4	0.6	0.4	1	0.6	6.2	0.9	3.3	3.1	1.9	1.1	0.5	
NF2	0	0	0	0	5.6	1.1	28.2	0	0	1.4	0	1.4	0	1.4	0.5	2.1	3.5	0	0	2.2	0.3	1.6	0.7	1.9	3.8	1.1	6.2	1.7	5.4	3.7	3	1.7	0.5
CDKN1B	0	0	0	0	0	0	0	1.1	0	0	0.2	0	1.6	0	0	0	0	0	0.4	0.7	0.8	1	1.3	0.2	0.7	0.9	1.5	1.2	6.2	2.3	1.3	1.4	1
AXIN2	0	0	0	0	2.8	0	1.4	0	1.1	0	0	0.2	0	0.8	0.9	0	0.6	1.6	0.8	3.7	0.8	2.2	0.9	1.7	3.1	1.5	4.9	5.9	10.5	7.2	3.8	2.8	0.5
RIT1	0	0	0	0	2.8	0	0	0	1.1	0	0	0	0.5	0.5	0	0	0.6	0	0	2.2	0.5	0.4	0.7	0.9	2.1	2.2	0.5	0.7	1.5	1.1	0.3	0	
RHOA	0	0	0	0	2.8	1.1	0	5.4	0	0	0	0	0.5	0.5	0.3	0	1.2	2.2	0.7	0.3	2.2	0.8	0.6	2.1	1.1	4.7	5.2	1.3	2.2	0.3	0.5		
H3F3C	0	0	0	0	2.8	1.1	0	0	0	0	0	0.9	0.5	0.3	0	0.6	1.6	0.4	1.5	0.5	0.4	0.2	2.8	1.4	0.9	1	1.4	4.5	2.1	3.9	0	0.2	
IDH1	0	0	1	0	13.9	1.1	0	5.7	0	0	0	0	0.9	1.3	0.6	0	0.6	0.5	79.5	1.5	6.7	0.8	0.7	1.1	0	1.1	2.2	0.9	6.6	2.3	6.5	2.3	0.2
GNA11	45	0	0	0	0	1.1	0	0	0	0	0	0	0.5	0.3	0.3	0	0.6	0	0.2	0.7	0.3	0.6	0.7	0.2	1.7	0.7	1.6	3.9	2.3	5	0.3	1	
MAP2K1	0	0	1	0	2.8	1.1	0	0	0	0	0.2	0.5	0	0	0	0	0.6	2.2	0	2.2	0.3	1.2	0.6	1.7	2.4	1.8	0.5	1.9	4.3	3.1	7.1	1.4	0.5
FAM46D	0	0	1	0	0	1.1	0	0	0	0	0.2	1.4	0	0.6	0	0.6	6.6	0.2	3	0.8	1.8	0.6	1.7	1.7	3.5	1	2.6	11.1	6.9	2.3	0.2	0.2	
UNCX	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	1.1	0.2	0	0	0.4	0.3	0.2	1	1.8	0.7	2.3	0.6	0.5	1.7	0	0	
CCND1	0	0	0	0	0	0	1.4	0	0	1.8	0	0	0.5	0	0	0	0	0.5	0.8	0	0.8	0.3	1.3	1.4	1.1	2.5	1.4	9.5	1	2.6	0.6	0.5	
KRT22	0	0	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0.5	0.4	2.2	1	0.4	0.5	0.4	0.7	0.4	1.5	1.4	2.9	2.3	4.1	0	0
TMSB4X	0	0	0	0	0	1.4	18.9	0	0	0	0	0.5	0	0	0	0	0.5	0.2	1.5	0.3	0	0	0.6	0.7	0.2	0.5	0.2	4.3	0.5	0.6	0	0	
PGR	0	2	1	1	0	0	5.4	0	3.5	0	0.2	0.5	0.8	0.6	0.8	0.6	3.3	1	3	2.8	0.8	0.7	4.8	1.7	4.2	2	6.3	7.4	5.9	9.5	2.5	0.5	
LATS2	1.2	2	1	0	0	0	11.3	5.4	0	1.8	0	0.2	3.7	0.3	0.9	0.4	1.2	2.2	1.6	2.2	0.8	1.8	0.7	2.2	2.4	3.1	2.2	5.2	12.4	4.4	7.6	1.1	0.5
MYH9	1.2	2	1	1	2.8	2.1	1.4	0	3.5	0	0	3.3	1.3	0.9	2	1.9	3.3	0.8	3	1.8	5.6	3.8	8.2	6.2	4.2	10.6	9.4	10.5	10.8	14.7	2	2.7	
MED12	1.2	0	1	0	2.8	0	1.4	5.4	5.7	7	2.8	0.2	2.3	1.8	1.2	2.3	0.6	1.6	1.8	5.9	3.9	3.8	3.9	6.9	7.3	9	6.7	5.4	20.4	9.2	1.3	2.3	2.7
BCOR	1.2	0	1.9	0	8.3	4.3	2.8	8.1	0	3.5	2.8	0.5	1.9	1.8	0.3	3.5	1.9	3.3	4.1	2.2	3.1	2.2	1.7	4.1	6.9	5.3	4.2	9.4	19	7.9	12.1	1.1	2
USP9X	0	3.9	1.9	0	5.6	2.1	2.8	5.4	2.3	3.5	2.8	1.7	0.9	1.6	0.9	2.3	1.2	1.3	1.6	5.2	2.8	5.6	3.5	5.8	4.2	5.1	4.4	6.3	19.4	9.2	13.4	1.7	
POLE	0	2	1	0	2.8	1.1	1.4	2.7	2.3	3.5	2.8	0.2	2.3	1.3	2.1	0.8	1.2	6	0.8	4.4	2.1	3	1.8	1.7	4.2	6.8	6.9	8.5	16.9	9.5	14.1	1.4	0.7
PTPR	2.5	3.9	1.9	0	0	3.2	1.4	2.7	2.3	5.3	7	1	1.4	1.8	0.3	2.7	1.2	10.9	1.6	5.2	2.6	6.2	3.8	9.5	8.3	2.0	6.4	11.7	18.6	7.4	29.2	2.5	3
SETD2	1.2	3.2	2.9	0	2.8	1.1	11.3	0	2.3	1.8	2.8	0.7	1.4	2.1	14.7	7.4	1.2	1.6	2.3	6.7	2.8	2.6	2.6	4.1	6.2	7.2	6.7	5.4	17.7	8.2	5.1	2.5	
FGFR2	1.2	0	1	0	8.3	1.1	0	2.7	1.1	1.8	1.4	0.5	0.9	0.8	0.9	0.8	0	1.6	0.4	2.2	1.3	1	1.8	3.2	3.5	2.8	3.7	5.2	18.4	4.6	12.6	2	1.5
BRCA2	1.2	0	1	0	2.8	1.1	0	2.7	2.3	5.3	0	0.5	2.3																				