

1	4.1	3.2	3.1	0.6	6.7	0.8	4.1	2	1.5	1.5	0.6	1.8	0.4	0	0	0.2	0	0.3	0	0	0.4	0.5	2.9	0	3.6	0	0	0	0	0.3	0.2	1.1		
1NF333	2.4	1.5	1.3	2.1	0.6	3.2	0.6	1.6	0.9	0.8	0	0	0.2	0	0	0	0	0	1.2	0	0	0	0	0	1.5	1	0	0	1.4	0	0.3	0.5	1.1	
ZMYM3	7.2	7.7	2.6	4.1	2.2	1.8	2.4	4.7	3.6	1.5	1.2	0	1.2	2.7	1.2	0.2	3.2	0.6	0	0	1	0.8	2.1	0	2.9	1.8	0	1.4	1.4	0.9	1.6	1.7		
ZMYM2	3.1	7.7	2.8	1.2	2.8	1.2	0.8	1.3	2.4	4.6	0	0	1	2.7	0	0.2	0	2.1	0	1	0	0	2.9	0	1.5	0.3	0	1.4	1.4	1.6	1.4			
ZFP36L2	3.1	2.2	2.6	0.6	1.7	0	2	2	3	2.3	0.6	1.8	0	0	0	0.2	0	0.6	1.2	0	0	1.6	0.3	0	0	2.2	0	2	0	0	0.6	0.6	1.7	
ZFP36L1	3.1	7.1	9.5	3.7	1.1	1	1.4	2.7	0.6	0.8	0	3.6	0.2	2.7	0	0	1.1	0.9	2.3	0	0	1.2	0.5	0	5.1	0.3	0	1.9	1.4	2	1.5	0		
ZPH3K3	12.9	21.7	8	6	3.9	3.5	4.5	10.5	7.6	3.8	2.5	3.6	1	2.7	1.2	3.3	1.1	2.4	3.5	1	1	3.5	0.4	0	1.4	6.9	2.1	0	2.4	2.9	3.1	2.4	3.9	
ZCCHC12	4.5	3	1	3.3	0.6	1	0.8	2.5	1.8	1.5	0	0	1.6	0	0	0	0	0.3	0	0	0	0.4	0.5	0	0	0.4	1.6	0	1.4	0	0.6	0.7	0	
ZC3H12A	2.6	2.4	2.6	0.8	1.1	0.5	1	0.9	0.6	3.1	1.9	0	0	0.8	1	0	0.2	0	0.3	1.2	0	0	1.6	0.3	0	0	1.5	0.5	2	0.9	0	1.1	0.8	2.2
ZBTB7B	4.1	5.4	2.6	2.1	2.8	0.5	1	2.5	0.9	0	0	10.9	0	0	1.2	0.2	0	0.6	1.2	0	0	2	0.5	0	0	0	0.3	0	0.5	0	1.4	0.3	0.6	
ZBTB20	5	7.5	2.3	3.3	1.7	1	1.8	6	2.7	2.3	0	0	4.5	8.1	0	0	0	0.6	1.2	0	0	1.2	0.3	0	2.8	2.6	1.8	0	0.5	1.4	0.6	0.9	4.7	
XP01	3.1	4.1	2.1	1.9	1.7	0.5	1.6	1.1	0.6	2.3	0	0	0	5.4	0	0	0	1.1	1.2	0	1	0	1.2	0.3	0	0	2.6	0	0	0.5	1.4	1.7	1.4	1.1
WT1	6.2	2.4	1.8	3.7	5	0.5	1.2	4.7	2.4	3.1	0	1.8	0	2.7	0	0.5	0	0.6	3.5	0	1	0.4	0	0	1.4	1.8	0.8	0	0.5	1.4	2	0.8	1.9	
WHSC1	7.4	4.9	5.7	3.3	1.7	1.2	2.9	1.6	3	2.3	0	1.8	0.6	2.7	0	0.2	1.1	0.9	0	0	1	0.8	0.5	2.9	0	2.2	1.3	0	2.8	1.4	2.6	0.6	2.2	
VHL	1.2	0.6	0.8	0.4	0	0	0.2	0.7	0.6	0.8	0	0	0.2	0	0	0	2.2	49	0	1	2.9	1.6	0.5	0	0	0	0.3	2	0	0	0	0	0.3	
USP9S	12.2	11.6	3.9	4.4	2.8	1.8	0.5	5.1	5.4	4.6	0.6	1.8	1.4	5.4	0	1.7	2.2	0.9	2.3	0	1.9	2.3	1.3	5.7	2.8	3.3	2.3	4	0.9	1.4	1.4	3.2	2.8	
UNCX	1.4	0	0.5	1.7	1.1	0	0.2	0.2	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0.5	0	0	0.2	0.6	
U2AF1	1.7	3.7	2.3	2.9	1.1	0.2	1	0.2	0.9	0.8	1.2	3.6	0.2	5.4	0	0.2	0	0.6	5.8	0	0	0	0.5	0	0	0.7	0	0	0.5	1.4	0	0.3	1.4	
TXNIP	1.4	2.8	4.1	0.8	0	1.2	0.2	1.1	0.6	0.8	0	0	0	0	0	0	1.1	1.2	1.2	0	0	2.3	1	0	1.4	2.9	0.8	0	0	1.4	0.3	1	0.8	
TSC2	10.3	5.2	4.9	1.9	3.3	1.8	1.8	4	2.1	2.3	0.6	0	0.6	2.7	0	0.2	1.1	1.8	0	0	1	3.1	0.8	2.9	1.4	4.7	0.8	4	2.8	1.4	3.7	1.2	2.5	
TSC1	6	5.8	9.3	1.9	2.2	1.8	0.4	2.9	1.8	0.8	0	0	0.2	0	0	0.2	1.1	0.9	0	0	0	2	0.3	2.9	1.4	2.2	0.8	4	1.9	0	2	0.9	0.6	
TRAF3	3.3	3.4	1	1.5	0.6	1.2	1.6	1.8	1.2	3.1	0.6	0	0	0	1.2	0	0	0	0	0	1	0.4	0	0	0	2.2	0.8	0	0.9	0	0.6	0.6	1.7	
TP53	12.7	38.5	49.7	52.4	87.8	93	71.9	88.6	61.3	76.3	67.1	92.7	50.6	13.5	0	0.5	3.2	3.5	10.5	1	1	2.3	15.3	11.4	19.7	7.3	32.6	42	41	23.2	31.6	35.7	53.3	
TNFAIP3	3.8	3.4	2.8	2.1	0.6	1.2	1	2.5	0.9	2.3	0.6	1.8	0.4	16.2	0	0	1.1	0.3	0	0	1.9	0.8	0.3	0	0	1.1	0.8	0	0	0	0.6	0.9	0.6	
TMSB4X	0.7	1.7	0.5	0.2	0.6	0	0	0.7	0.3	1.5	0	0	0.2	18.9	0	0	0	0	0	0	0	0	0	0	1.4	0.7	0	0	0.5	0	0	0	0	
THRAP3	5	5.6	3.6	2.3	0	1.8	0.6	2	2.1	1.5	0.6	0	0.6	0	0	0	0	0.9	3.5	0	0	1.6	0.5	0	0	2.2	0.5	0	0.5	1.4	0.6	0.9	0.8	
TGIF1	2.4	3	1.3	0.4	1.1	0.8	1	1.1	4.5	3.8	0.6	0	0.2	5.4	0	0	0	0.3	1.2	1	0	0.8	0	0	0	1.1	0	0	0.5	0	0.3	0.2	1.1	
TGFBF12	3.8	2.8	2.3	1.5	5.6	0.8	5.1	3.1	3.3	0.8	4.3	0	0	0	0	0.2	1.1	0	0	0	0	0.4	0	2.9	1.4	3.3	0.5	0	0.9	1.4	0.3	0.8	4.4	
TCF7L2	3.1	6	1.3	1.9	0.6	0.8	0.8	1.8	9.7	11.5	0	1.8	1.2	0	0	0.2	0	0.6	0	0	0	0	0.3	2.9	0	1.5	0.5	0	0.9	1.4	0.6	0.7	1.9	
TCF12	3.3	3.4	1.8	1.5	2.2	1	0.6	1.6	1.5	2.3	0	0	2.9	2.7	0	0	0	1.2	4.7	0	0	0.8	0.5	0	1.4	1.1	1.3	0	0.9	0	0.3	0.7	1.4	
TCEB1	0.2	0.2	0.3	0.4	0	0.2	0.4	0	0	0.8	0	0	0.2	0	0	0	0	0.9	0	0	0	0.4	0	0	0	0	0	0	0	0	0.3	0.2	0.3	
TBX3	3.6	2.8	1.3	3.5	1.1	1.5	0.8	3.8	3.3	1.5	0.6	0	0	2.7	0	0.2	1.1	0	0	0	0	0.4	1.3	0	1.4	1.5	0.8	0	1.4	1.4	1.1	3.2	1.9	
TAF1	11.7	13.5	2.8	4.8	1.1	3	3.1	5.4	2.4	3.8	1.2	5.5	1.2	0	0	0.5	1.1	2.1	1.2	2.1	1	3.5	0.5	0	0	5.8	2.6	2	1.4	4.3	2.8	2.6	1.9	
STK11	2.9	1.5	0.3	14.3	1.7	0	12	1.3	0.3	0	1.9	0	0	2.7	0	0.2	0	0.3	0	0	0	0.8	0	2.9	0	5.1	0	0	0.5	1.4	0.3	0.3	1.1	
STAG2	4.1	6.9	15.7	3.7	2.2	1.2	1.6	2.9	0.9	2.3	1.2	0	0.8	2.7	0	0.2	1.1	2.7	2.3	1	1.9	3.9	0.3	2.9	2.8	4.4	4.4	0	0.5	0	2	2.1	0.6	
SRSF2	1	1.3	1	1.2	1.1	0.5	0.8	0.7	0	1.5	0	0	0.2	0	0.2	0	0	0.3	3.5	0	0	0	0.5	0	0	1.1	0.3	2	1.4	0	0.3	0.5	0	
SPTAN1	10.8	8	13.4	4.3	3.3	2.8	4.1	3.6	1.2	6.9	0.6	1.8	0.4	0	0	0.2	3.2	1.2	0	1	0	2.7	0.8	2.9	1.4	2.9	1.8	0	1.9	0	2.6	1.5	3.9	
SPTA1	30.6	12.5	11.6	28.2	12.2	4.2	8.6	25.2	10.3	14.5	3.7	5.5	1.4	2.7	2.5	1.9	2.2	2.4	1.2	1	2.9	2.3	7.4	2.9	2.8	5.1	10.4	4	3.3	5.8	7.7	17.2		
SPOP	2.6	10.3	2.1	0.4	2.2	0.5	1	0.9	0.9	0	0.6	7.3	0.4	2.7	0	0.2	1.1	0.3	0	0	0	0.4	14.6	0	0	1.5	0	0	0.5	1.4	0.6	0.9	0.3	
SOX9	3.1	4.9	1.8	2.1	1.1	0	2	0.4	13	6.9	0	1.8	0	0	0	0.2	0	0.9	0	0	0	1.2	0.3	0	0	0.4	1	0	0.5	0	1.1	0.7	2.2	
SOX17	2.2	5.6	1.8	0.8	1.7	0	1	1.6	1.5	0.8	1.2	0	0.6	2.7	0	0	0	0	0	0	0	0.4	0.5	0	0	0.4	0.3	0	1.4	0	0.3	0	2.2	
SOB1	3.8	5.4	5.7	3.3	0.6	0.8	2	3.6	2.7	3.1	0	0	0.2	0	0	0.5	0	2.1	0	1	0	0.8	0.5	0	1.4	2.9	1	0	0.9	0	2	0.7	1.7	
SMC1A	4.8	6	3.6	2.1	0	3	1	1.3	2.1	1.5	0	1.8	0.8	2.7	1.2	0.5	0	1.2	4.7	0	0	1.6	0.3	0	0	3.3	2.1	0	0	5.8	1.1	1.4	1.1	
SMARCB1	2.2	2.8	1	0.8	0.6	1.2	0.4	0.7	0.9	0	0	0	0.8	2.7	0	0	0	0.6	0	0	0	2.3	0.3	0	1.4	2.2	0	2	0.5	0	0.3	0.2	1.4	
SMARCA4	11.2	9	7	7.7	6.1	1.8	4.5	4.5	3.1	0.6	1.8	4.9	2.7	1.2	1.2	2.2	3.5	0	0	0	4.7	0.3	0	1.4	4.4	2.1	0	1.9	1.4	2.8	1.6	2.5		
SMARCA1	5.7	6.2	3.4	4.3	1.1	1	0.8	2.2	2.1	6.9	0.6	0	0.6	0	0	0.2	0	0	0	1	0	1.2	2.4	0	0	1.5	1	0	0.5	0	1.1	1.3	1.4	
SMA04	2.2	2.6	2.1	4.4	6.7	0.8	3.1	2.7	12.1	14.5	22.4	1.8	0	0	0	0	0	0	0	0	0	1.2	1.1	0	0	3.6	0.5	0	0.9	0	1.1	1.1	7.8	
SMA02	3	1	1.3	1.5	1.7	0.2	1	0.9	4.8	5.3	0.6	0	0.2	0	0	0.2	0	0.9	0	0	0	0.4	0.5	0	0	0.7	0.3	0	0.5	0	0	0.8	1.7	
SIN3A	6	8.8	2.6	2.5	3.3	1	1.6	3.3	2.7	5.3	0.6	1.8	0.6	5.4	0	0	2.2	0.3	2.3	0	0	2	0	0	0	2.2	0.8	0	1.9</					