

ZNF133	0	3.1	0.2	3.6	2.9	1.5	0	6.7	0	4.1	0	0.3	0.4	0	0.4	0.3	0.6	2	0	0.8	0.6	0	0.5	1.5	0	4.1	1.1	0	0.2	0	3.2	1.8	0	
ZNFY33	0	1.3	0.5	1.5	0	0.9	0	0.6	1	0.6	0	0	0	12	0.2	0.3	2.1	1.6	0	3.2	0	0	0	0.8	1.4	2.4	1.1	0	0	0	1.5	0	0	
ZFY33	1.4	2.8	1.6	2.9	0	3.6	2.7	2.8	1.8	2.4	0	0.6	0.8	0	1.2	0.9	4.1	4.7	0	1.2	1.2	1	2.1	1.5	1.4	7.2	1.7	0	0.2	3.2	7.5	0	1.2	
ZFY36L2	1.4	2.6	1.6	1.5	2.9	2.4	2.7	2.2	0.3	0.8	0	2.1	0	0	1	1.4	1.2	1.3	0	1.8	0	0	0	4.6	1.4	3.1	1.4	1	0.2	0	7.7	0	0	
ZFP36L1	0	2.6	0.6	2.2	0	3	0	1.7	0	2	2	0.6	1.6	1.2	0	0.6	0.6	2	0	0	0.6	0	0.3	2.3	0	3.1	1.7	0	0.2	0	2.2	1.8	0	
ZFP36L1	1.4	9.5	1.5	5.1	0	0.6	2.7	1.1	0.3	1.4	0	0.9	1.2	2.3	0.2	2	3.7	2.7	0	1	0	0	0.5	0.8	1.9	3.3	0	0	0	1.1	7.1	3.6	0	
ZCCHC12	2.9	8	2.4	6.9	0	7.6	2.7	3.9	2.1	4.5	0	2.4	3.5	3.5	1	3.1	6	10.5	1.4	3.5	2.5	1	3.4	3.8	2.4	12.9	3.9	1	3.3	1.1	21.7	3.6	1.2	
ZCCHC12	0	1	0.7	0.4	0	1.8	0	0.6	1	0.8	0	0.3	0.4	0	1.6	0.6	3.3	2.5	0	1	0	0	0.5	1.5	1.4	4.5	0	0	0	0	3	0	0	
ZC3H12A	0	2.6	0.8	1.5	0	0.6	8.1	1.1	0.5	1	2	0.3	1.6	1.2	0	1.1	0.8	0.9	0	0.5	1.9	0	0.3	3.1	0.9	2.6	2.2	0	0.2	0	2.4	0	0	
ZBTB78	0	2.6	0.3	0	0	0.9	0	2.8	0.3	1	0	0.6	2	1.2	0	1.4	2.1	2.5	0	0.5	0	0	0.5	0	0.5	4.1	0.6	0	0.2	0	5.4	10.9	1.2	
ZBTB20	1.4	2.3	0.9	2.6	0	2.7	8.1	1.7	1.8	1.8	0	0.6	1.2	1.2	4.5	0.6	3.3	6	2.8	1	0	0	0.3	2.3	0.5	5	4.7	0	0	0	7.5	0	0	
XP01	1.4	2.1	1.4	2.6	0	0.6	5.4	1.7	0	1.6	0	1.2	1.2	0	0	1.7	1.9	1.1	0	0.5	0	0	0.3	2.3	0.5	3.1	1.1	1	0	1.1	4.1	0	0	
WT1	1.4	1.8	0.8	1.8	0	2.4	2.7	5	0.8	1.2	0	0.6	0.4	3.5	0	2	3.7	4.7	1.4	0.5	0	1	0	0.3	1.5	6.2	1.9	0	0.5	0	2.4	1.8	0	
WHSC1	1.4	5.7	0.6	2.2	2.9	3	2.7	1.7	1.3	2.9	0	0.9	0.8	0	0.6	2.6	3.3	1.6	0	1.2	0	1	0.5	2.3	2.8	7.4	2.2	0	0.2	1.1	4.9	1.8	0	
VHL	0	0.8	0	0	0	0.6	0	0	0.3	0.2	2	49.8	1.6	0	0.2	0	0.4	0.7	0	0	0	2.9	0.5	0.8	0	1.2	0.3	1	0	2.2	0.6	0	0	
USP9X	1.4	3.9	3.2	3.3	5.7	5.4	5.4	2.8	2.3	5.5	4	0.9	2.3	2.3	1.4	1.4	4.4	5.1	2.8	1.8	0.6	1.9	1.3	4.6	0.9	12	2.8	0	1.7	2.2	11.6	1.8	0	
UNCX	0	0.5	0.2	0.4	0	0	0	1.1	0	0.2	0	0	0	0	0	0.2	0	1.7	0.2	0	0	0	0	0	0.5	1.4	0.6	0	0	0	0	0	0	
UZAF1	1.4	2.3	0.3	0.7	0	0.9	5.4	1.1	0	1	0	0.6	0	5.8	0.2	0	2.9	0.2	0	0.2	1.2	0	0.5	0.8	0.5	1.7	1.4	0	0.2	0	3.7	3.6	0	
TXNIP	1.4	4.1	1	2.9	0	0.6	0	0	0.8	0.2	0	1.2	2.3	1.2	0	0.3	0.8	1.1	1.4	1.2	0.6	0	1.1	0.8	0	1.4	0.8	0	0	1.1	2.8	0	0	
TSC2	1.4	4.9	1.2	4.7	2.9	2.1	2.7	3.3	0.8	1.8	4	1.8	3.1	0	0.6	3.7	1.9	4	1.4	1.8	0.6	1	0.8	2.3	2.8	10.3	2.5	0	0.2	1.1	5.2	0	0	
TSC1	0	9.3	0.9	2.2	2.9	1.8	0	2.2	0.8	0.4	4	0.9	2	0	0.2	2	1.9	2.9	1.4	1.8	0	0	0.3	0.8	1.9	6	0.6	0	0.2	1.1	5.8	0	0	
TRAF3	0	1	0.6	2.2	0	1.2	0	0.6	0.8	1.6	0	0	0.4	0	0	0.6	1.5	1.8	0	0.2	0.6	0	0	3.1	0.9	3.3	1.7	1	0	0	3.4	0	1.2	
TP53	23.2	49.7	35.7	7.3	11.4	61.3	13.5	67.8	32.6	71.9	42	3.5	2.3	10.5	50.6	31.6	52.4	88.6	19.7	89	67.1	1	15.3	76.3	41	12.7	53.3	1	0.5	3.2	38.5	92.7	0	0
TNFAIP3	0	2.8	0.9	1.1	0	0.9	16.2	0.8	1	0	0.3	0.8	0	0.4	0.6	2.1	2.5	0	1.2	0.6	1.9	0.3	2.3	0.3	0.8	0.6	0	0	1.1	3.4	1.8	0	0	
TNFSB4X	0	0.5	0	0.7	0	0.3	18.9	0.6	0	0	0	0	0	0.2	0	0.2	0.7	1.4	0	0	0	0	1.5	0.5	0.7	0	0	0	0	1.7	0	0	0	
TLR4	2.9	2.8	1.7	1.1	0	0.9	5.4	3.3	0.5	3.9	0	1.2	0	1.2	0.6	1.4	13	10.5	0	2	0.6	1	1.1	0.8	0.9	14.1	7.2	0	0.2	0	2.8	0	0	0
THRAP3	1.4	3.6	0.9	2.2	0	2.1	0	0	0.5	0.6	0	0.9	1.6	3.5	0.6	0.6	2.3	2	1.4	1.8	0.6	0	0.5	1.5	0.5	5	0.8	0	0	0	5.6	0	0	
TGIF1	0	1.3	0.2	1.1	0	4.5	5.4	1.1	0	1	0	0.3	0.8	1.2	0.2	0.3	0.4	1.1	0	0.8	0.6	0	0	3.8	0.5	2.4	1.1	1	0	0	3	0	0	
TGFBP1	1.4	2.3	0.8	3.3	2.9	3.3	0	5.6	0.5	5.1	0	0	0.4	0	0.4	0.3	1.5	3.1	1.4	0.8	4.3	0	0	0.8	0.9	3.8	4.4	0	0.2	1.1	2.8	0	0	
TFE2	4.3	2.8	1.3	5.5	2.9	3	10.8	3.9	0.8	2.2	2	1.5	1.6	0	1	3.7	2.5	3.8	1.4	0.5	0	0	0.3	4.6	3.3	8.4	1.4	0	0.2	1.1	6.9	1.8	0	
TCF7L2	1.4	1.3	0.7	1.5	2.9	9.7	0	0.6	0.5	0.8	0	0.6	0	0	1.2	0.6	1.9	1.8	0	0.8	0	0	0.3	11.5	0.9	3.1	1.9	0	0.2	0	6	1.8	0	
TCF12	0	1.8	0.7	1.1	0	1.5	2.7	2.2	1.3	0.6	0	1.2	0.8	4.7	0.2	0.3	1.5	1.6	1.4	1	0	0	0.5	2.3	0.9	3.3	1.4	0	0	0	3.4	0	0	
TCEB1	0	0.3	0.2	0	0	0	0	0	0	0.4	0	0.9	0.4	0	0.2	0.3	0.4	0	0	0.2	0	0	0	0.8	0	0.2	0.3	0	0	0	0.2	0	0	
TBX3	1.4	1.3	3.2	1.5	0	3.3	2.7	1.1	0.8	0.8	0	0	0.4	0	0	1.1	3.5	3.8	1.4	1.5	0.6	0	1.3	1.5	1.4	3.6	1.9	0	0.2	1.1	2.8	0	0	
TBL1XR1	0	2.3	1	3.6	0	0.9	8.1	3.9	0.3	1	0	0.9	1.6	0	0.4	0.6	0.8	2.2	0	0.5	0	0	0.5	0.8	0.5	1.9	0.3	0	0	1.1	5.6	0	0	
TAF1	1.4	2.8	2.6	5.8	0	2.4	0	1.1	2.6	3.1	2	2.1	3.5	1.2	1.2	2.8	4.8	5.4	0	3	1.2	1	0.5	3.8	1.4	11.7	1.9	2.1	0.5	1.1	13.5	5.5	0	
STK11	4.3	0.3	0.3	5.1	2.9	0.3	2.7	1.7	0	1.2	0	0.3	0.8	0	0	0.3	14.3	1.3	0	0	1.9	0	0	0.5	2.9	1.1	0	0.2	0	0	1.5	0	0	
STAG2	0	15.7	2.1	4.4	2.9	0.9	2.7	2.2	4.4	1.6	0	2.7	3.9	2.3	0.8	2	3.7	2.9	2.8	1.2	1.2	1.9	0.3	2.3	0.5	4.1	0.6	1	0.2	1.1	6.9	0	0	
SRSF2	0	1	0.5	1.1	0	0	0	1.1	0.3	0.8	2	0.3	0	3.5	0.2	0.3	1.2	0.7	0	2.5	0	0	0.5	1.5	1.4	1	0	0	0	0	1.3	0	3.8	
SPTAN1	0	13.4	1.5	2.9	2.9	1.2	0	3.3	1.8	4.1	0	1.2	2.7	0	0.4	2.6	4.3	3.6	1.4	2.8	0.6	0	0.8	6.9	1.9	10.8	3.9	1	0.2	3.2	8	1.8	0	
SPTA1	5.8	11.6	6.7	5.1	2.9	10.3	2.7	12.2	10.4	8.6	4	2.4	2.3	1.2	1.4	7.7	28.2	25.2	2.8	4.2	3.7	2.9	7.4	14.5	3.3	30.6	17.2	1	1.9	2.2	12.5	5.5	2.5	
SPOP	1.4	2.1	0.9	1.5	0	0.9	2.7	2.2	0	1	0	0.3	0.4	0	0	0.4	0.6	0.7	0	0.5	0.6	0	14.6	0	0.5	2.6	0.3	0	0.2	1.1	10.3	7.3	0	
SOX9	0	1.8	0.7	0.4	0	13	0	1.1	2	0	0.9	1.2	0	0	1	1.1	2.1	0.4	0	0	0	0	0.3	6.9	0.5	3.1	2.2	0	0.2	0	4.9	1.8	0	
SOX17	0	1.8	0	0.4	0	1.5	2.7	1.7	0.3	1	0	0	0.4	0	0.6	0.3	0.8	1.6	0	0	1.2	0	0.5	0.8	1.4	2.2	2.2	0	0	0	5.6	0	0	
SOS1	0	5.7	0.7	2.9	0	2.7	0	0.6	1	2	0	2.1	0.8	0	0.2	2	3.3	3.6	1.4	0.8	0	0	0.5	3.1	0.9	3.8	1.7	1	0.5	0	5.4	0	0	
SMC3	5.8	1.8	0.5	0.7	2.9	1.8	0	0.6	1.3	1.4	0	1.8	1.2	1.2	0.6	1.4	2.9	1.8	0	1.8	0	0	0	1.5	0.9	3.8	1.9	2.1	0.2	0	3	0	0	
SMC1A	5.8	3.6	1.4	3.3	0	2.1	2.7	0	2.1	1	0	1.2	1.6	4.7	0.8	1.1	2.1	1.3	0	3	0	0	0.3	1.5	0	4.8	1.1	0	0.5	0	6	1.8	1.2	
SMARCB1	0	1	0.2	2.2	0	0.9	2.7	0.6	0	0.4	2	0.6	2.3	0	0.8	0.3	0.8	0.7	1.4	0.2	0	0	0.3	0	0.5	2.2	1.4	0	0	0	2.8	0	0	
SMARCA4	1.4	7	1.6	4.4	0	4.5	2.7	6.1	2.1	4.5	0	3.5	4.7	0	4.9	2.8	7.7	4.5	1															