

ZNF100	0	4.2	0.2	4.9	2.8	3.6	0	6.6	0.3	4	0	0.3	0.4	1.1	0.6	0.3	1.1	1.9	0	0.7	1.2	0	0.5	2.2	0	5	4	0	0.2	0	7.2	1.8	0	
ZNF133	0	2	0	0.6	1.7	0	2.6	0	0.5	1.3	0.8	2	0	0	1.1	0.2	0.3	2.2	1.7	0	3.2	0.6	0	0	0.7	1.4	8	3.3	0	0	3.9	1.8	0	
ZFY3M3	1.4	3.4	1.8	4.2	0	5.6	2.7	3.3	2.3	2.6	0	0.6	0.8	0	1.4	0.8	4.4	4.8	0	1.2	1.9	1	2.6	2.2	1.4	4	3.3	0	0.2	3.2	15.1	1.8	1.2	
ZFY3M2	1.4	3	1.8	2.4	2.8	4.9	2.7	3.3	0.8	1	0	2.1	0	0	1.2	1.4	1.7	1.5	0	1.7	0.6	0	0	5.9	1.4	3.9	4.7	1	0.2	0	14.4	0	0	
ZFP9B1	0	3.9	0.8	3.5	2.8	6.4	0	1.6	0	2.2	2	0.6	1.6	1.1	0	0.6	0.6	2.2	0	0	1.2	0	0	0.5	3	0	3.2	3.8	0	0.2	0	3.5	0	0
ZFH3K	1.4	10.1	1.6	6.6	2.8	4.1	2.7	2.2	0.3	1.6	0	0.9	1.2	2.3	0.4	2.3	3.7	3.2	0	1.2	0	0	0.8	0.7	2.3	4.3	1.9	0	0	1.1	10.5	3.5	0	
ZCCHC12	5.6	8.6	2.7	9	2.8	15.9	2.7	4.9	2.8	4.8	2	2.4	3.5	3.4	1.2	3.1	6.8	11	1.4	3.7	3.1	1	3.9	6.7	3.3	17.7	1.2	1	3.3	2.1	28.2	7	1.2	
ZC3H12A	1.4	1.2	0.7	0.7	0	1	0	0.5	1.6	1	0	0.3	0.4	0	1.8	0.6	4	2.4	0	1	0	0	0.8	2.2	1.4	5.4	1.2	0	0	0	7.6	0	0	
ZC3H12B	0	3	0.9	2.1	0	2.8	8.1	1.1	1	1	2	0.3	1.6	1.1	0.2	1.1	0.9	0.9	0	0.5	2.5	0	0.3	3.7	0.9	3	5.9	0	0.2	0	5.6	0	0	
ZBTB7B	1.4	3.2	0.5	0.7	0	3.1	0	1.3	0.5	1	0	0.6	2	1.1	0.2	1.4	2.2	2.4	0	0.5	0.6	0	0.8	0	0.5	5	3.1	0	0.2	0	9.1	10.5	1.2	
ZBTB20	1.4	2.7	1.1	3.8	0	8.2	8.1	2.7	2.3	2	0	0.6	1.2	1.1	4.7	0.8	4	5.8	2.8	1	0.6	0	0.8	2.2	0.9	6.3	12.9	0	0	0	12	1.8	0	
XP01	1.4	3	1.7	2.4	0	2.8	5.4	1.6	0.5	1.6	0	1.2	1.2	0	0	1.7	2.4	1.5	0	0.5	0.6	0	0.3	3.7	0.5	2.8	2.6	1	0	1.1	9.7	1.8	0	
WT1	2.8	1.7	0.9	2.4	0	6.4	2.7	4.9	0.8	1.2	0	0.6	0.4	3.4	0.2	2	4.4	5.4	1.4	0.7	0.6	1	0.3	3	0.9	8	4	0	0.5	0	8.2	1.8	0	
WHSC1	1.4	6.4	0.8	4.5	2.8	6.7	2.7	1.6	1.8	3	0	0.9	0.8	1.1	0.8	2.8	3.9	1.7	0	1.2	0.6	1	0.8	3.7	2.8	9.5	7.5	0	0.2	1.1	11.3	1.8	0	
VHL	0	1	0.1	0	0	1.3	0	0	0.3	0.2	2	0.9	1.6	0	0.2	0	0.6	0.6	0	0	0	2.9	0.8	0.7	0	1.7	0.7	1	0	2.1	1.4	0	0	
USP9X	2.8	4.4	3.5	4.2	5.6	9.2	5.4	3.3	2.8	5.6	3.9	0.9	2.3	2.3	1.6	1.4	5.1	5.8	2.8	1.7	1.2	1.9	1.6	5.2	0.9	12.3	6.3	0	1.7	2.1	19.4	3.5	0	
UNCX	0	0.7	0.3	1	0	0.5	0	1.1	0	0.4	0	0	0	0	0	0.2	0	1.8	0.2	0	0	0	0	0	0.5	1.7	2.3	0	0	0	0.6	0	0	
UZAF1	1.4	2.2	0.3	1.4	0	1.8	5.4	1.6	0.3	1	0	0.6	0	5.7	0.4	0	2.8	0.2	0	0.2	1.2	0	0.5	1.5	0.5	1.7	2.3	0	0.2	1.1	5.8	3.5	0	
TXNIP	1.4	4.7	1.2	3.1	0	2.1	0	0	0.8	0.4	0	1.2	2.3	1	0.2	0.3	1.3	1.1	1.4	1.2	0.6	0	1.3	1.5	0	1.5	1.2	0	0	0	1.3	0	0	
TSC2	1.4	5.2	1.5	6.9	2.8	5.4	2.7	4.4	1	1.8	3.9	1.8	3.1	0	0.8	3.7	2.6	4.3	1.4	1.7	1.2	1	1.3	1	2.8	11.5	6.3	0	0.2	1.1	9.3	0	0	
TSC1	1.4	9.9	1.1	3.8	2.8	5.6	0	3.3	1.3	0.6	3.9	0.9	2	0	0.4	2.3	2	3.2	1.4	1.7	0.6	0	0.3	2.2	1.9	7.1	3.1	0	0.2	1.1	11.5	1.8	0	
TRAF3	0	1.2	0.6	2.4	0	3.1	0	0.5	1.3	2	0	0	0.4	0	0.2	0.6	1.5	1.7	0	0.2	0.6	0	0	3	0.9	3.9	2.8	1	0	0	6.8	0	1.2	
TP53	25.4	50	35.6	8.7	11.1	56.4	13.5	88.9	33.2	72.2	43.1	3.5	2.3	10.2	50.7	31.9	54.2	88.1	19.7	92.8	66.7	1	15.5	77	41.6	16.5	50.5	1	0.5	4.3	39	91.2	0	0
TNFAIP3	0	2.5	0	1.4	0	2.6	16.2	1.1	1.3	1.4	0	0.3	0.8	0	0.4	0.6	2	2.6	0	1.2	1.2	1.9	0.3	3.7	0	4.8	3.5	0	0	1.1	5.8	1.8	0	
TMSB4P	0	0.7	0	0.7	0	0.5	18.9	0.5	0.3	0	0	0	0	0.2	0	0.2	0.6	1.4	0	0	0	0	1.5	0.5	0.6	0.2	0	0	0	0	4.3	0	0	
TLR4	4.2	2.7	1.9	1.7	0	2.8	5.4	3.8	0.5	4.2	0	1.2	0	1.1	0.8	1.7	14.5	10.8	0	2	0.6	1	1.3	2.2	0.9	19.7	8	0	0.2	0	8.7	1.8	0	
THRAP3	1.4	4.4	1	2.4	2.8	5.1	0	0	0.8	0.8	0	0.9	1.6	3.4	0.8	0.6	2.6	2.4	1.4	2	1.2	0	0.5	3	0.5	6.9	4	0	0	1.1	10.1	0	0	
TGIF1	0	2	0.3	1.7	0	5.6	5.4	1.1	0	1	0	0.3	0.8	1.1	0.4	0.3	0.6	1.3	0	0.7	0.6	0	0	5.2	0.5	2.4	1.9	1	0	0	6.4	1.8	0	
TGFBF3	2.8	2.2	0.8	3.5	5.6	5.9	0	6	0.8	5.2	0	1.4	1.1	0.6	0.3	1.5	3	1.4	1	4.9	0	0	0.7	0.9	4.5	4.9	0	0.2	1.1	7.2	0	0		
TFE2	5.6	3.2	1.7	6.9	2.8	10.5	10.8	4.9	1.3	2.2	2	0.5	1.6	0	1.2	3.7	2.6	4.3	1.4	0.5	0.6	0	0.5	6.7	3.3	10.4	4.2	0	0.2	1.1	13	3.5	0	
TCF7L2	2.8	1.7	0.9	2.1	2.8	13.3	0	1.1	0.8	0	0.6	0	1.1	1.4	0.8	2	1.7	0	0.7	0.6	0	0.5	12.6	0.9	3.9	4	0	0.2	0	9.7	5.3	0		
TCF12	0	2.5	1	2.1	0	4.9	2.7	3.3	1.6	0.6	0	1.2	0.8	4.5	2.9	0.3	1.8	1.7	1.4	1.2	0	0	0.5	3	0.9	4.5	3.5	0	0	1.1	8.5	0	0	
TCEB1	0	0.2	0.2	0.3	0	0.5	0	0	0	0.6	0	0.9	0.4	0	0.2	0.3	0.6	0	0	0.2	0.6	0	0	0.7	0	0.4	0.5	0	0	0	1.6	0	0	
TBX3	2.8	2.2	3.4	2.1	2.8	5.6	2.7	1.1	1.3	0.8	0	0	0.4	0	0	1.1	3.9	4.1	1.4	1.5	1.2	0	1.3	2.2	1.4	4.8	3.3	0	0.2	1.1	7.6	0	0	
TBL1XR1	0	2.5	1.2	4.2	0	3.1	8.1	5.5	0.3	1.2	0	0.9	1.6	1.1	0.6	0.6	1.1	2.4	0	0.5	0	0	1.5	1.5	0.9	2.4	3.1	0	0	0	1.1	1.7	0	0
TAF1	4.2	0.3	2.7	6.9	0	5.4	0	1.1	2.8	3	2	2.1	3.5	2.3	1.4	2.8	5.3	5.6	0	3.2	1.9	1	0.8	3.7	1.4	12.6	5.2	2.1	0.5	0.1	21.2	5.3	0	
STK11	2.8	0.5	0.3	4.9	2.8	2.6	2.7	2.7	0	1.2	0	0.3	0.8	0	0	0.6	14.2	1.5	0	0	2.5	0	0.3	0	0.9	3	1.4	0	0.2	0	3.9	0	0	
STAG2	1.4	16	2.4	5.2	5.6	4.1	2.7	2.2	4.9	1.8	0	2.7	3.9	2.3	1	2	4	3.2	2.8	1.2	1.2	1.9	0.3	3	0.9	4.5	3.5	1	0.2	1.1	1.4	1.8	0	
SRSF2	0	1.7	0.6	2.8	0	1.3	0	1.6	0.3	1	2	0.3	0	3.4	0.2	0.3	1.5	0.9	0	0.5	0	0	0.5	1.5	1.4	1.1	1.2	0	0	0	3.5	0	3.8	
SPTAN1	2.8	14.5	1.8	5.6	2.8	6.9	0	3.3	2.1	4.2	2	1.2	2.7	0	0.4	2.5	5	3.9	1.4	3	1.2	0	1.1	8.1	2.3	11.9	8.2	1	0.2	3.2	14.6	1.8	0	
SPTA1	7	12.8	7.1	6.6	2.8	16.4	2.7	13.1	11.1	9.1	3.9	2.4	2.3	2.3	1.6	8.2	31.1	26.6	2.8	4.2	4.3	2.9	7.6	17	3.3	37	20.9	1	1.9	2.1	19.4	7	2.5	
SPO1	1.4	2.2	0.9	1.7	0	1.5	2.7	0.2	1	0	1	0.3	0.4	0	0.6	0.8	0.4	0.6	0	0.5	0.6	0	14.5	0.7	0.5	3	1.2	0	0.2	0	1.4	7	0	
SOX9	0	2	0.8	1.4	2.8	14.4	0	1.6	1.3	2.2	0	0.9	1.2	0	0	1.1	2.6	0.6	0	0	0	0	0.3	6.7	0.5	3.7	3.8	0	0.2	0	9.5	1.8	0	
SOX17	0	1.7	0	0.7	0	2.8	2.7	2.2	0.3	1.2	0	0	0.4	0	0.6	0.3	0.7	1.5	0	0	1.2	0	0.5	0.7	1.4	3.2	4.7	0	0	0	6.8	1.8	0	
SOS1	0	6.2	0.8	3.5	0	4.6	0	0.5	1.6	2	0	2.1	0.8	0	0.4	2	3.5	3.7	1.4	0.7	0.6	0	0.8	4.4	0.9	5.2	3.8	1	0.5	0	11.1	0	0	
SMC3	5.6	2.2	1.4	1.4	2.8	4.1	0	0.5	1.6	1.4	0	1.8	1.2	2.3	0.8	1.7	3.5	1.7	0	1.7	0.6	0	0	3	0.9	3.9	4	2.1	0.2	0	8.7	1.8	0	
SMC1A	7	4.2	1.8	4.5	0	5.4	2.7	0	2.6	1	0	1.2	1.6	4.5	1.1	1.1	2.2	1.5	0	3	0.6	0	0.3	1.5	0	5.2	3.1	0	0.5	0	12.8	1.8	1.2	
SMARCB1	0	1.5	0.4	2.8	0	3.6	2.7	0.5	0	0.4	3.9	0.6	2.3	0	1	0.3	0.9	5.4	1.4	0.2	0.6	0	0.3	0.7	0.5	2.6	4	0	0	0	5	0	0	
SMARCA4	4.2	7.1	1.9	5.9	0	9</																												