

KNT	28.7	3.7	2.1	0.8	0	1.2	0.2	1.3	5.1	10.7	0	0	0.8	0	0	9.3	3.2	0.3	1	2	0	0	1.4	0.1	0.8	0.7	2.3	0.8	0	0	6.2	2.9	1.4		
	7.7	5.2	3.2	2.5	2.8	2.5	2.4	4.9	3	5.3	0	0	1.2	0	0	0.5	1.1	0	0.21	0	2.8	0	3.7	1.2	1.9	1.8	3.5	0.4	0.3	1	21.6	0	1.4		
JF1	16.5	11.6	8.2	13	4.4	7.8	3.5	12.7	1.8	4.6	2.5	5.5	6.1	5.4	0	0.7	3.2	2.4	12	0	4.2	7.2	4	4.1	3.9	5.8	3.5	2.3	0.8	15.4	3.1	0	0		
CTCF	10.3	5.2	3.4	13.3	2.2	2.8	3.7	4.2	2.4	2.3	0	1.8	7.1	0	0	0	0	0.6	24.5	2	1.4	5.8	2.6	2.2	2.5	2.9	0	12	0.8	0	1	2.9	0		
EGFR	2.4	20.6	3.1	1.2	1.7	1.2	3.3	1.8	2.1	2.3	0	1.8	0.2	2.7	0	0.5	1.1	0.3	1	0	0.5	0	1.1	2.6	1.4	2.6	0	0.4	0.5	1	0	2.9	1.4		
ARID5B	7.2	14.4	2.1	2.7	3.3	1	2.9	2.7	1.5	3.1	0	0	0.2	8.1	0	0	0.6	0.5	4	1.4	1.4	2	0.9	1.9	1.5	0	2	0.8	0	1	0	2.8	0		
RPL21	1.2	10.3	0.3	0.4	0	0	0.2	0.6	0	1.2	0	0	0	0	0	0.2	0	0.6	0.3	0	0	2.9	0.9	0.3	1.7	0.4	0	0.8	0	0	0	0	0		
JAK1	5.3	1.2	1.8	2.7	1.1	0.5	1.6	0.9	1.5	0.6	0	0.4	0	1.2	0.5	0	1.2	0.8	0	0.5	1.4	2.8	1.2	1.7	0.7	0	1.2	1.1	0	0	0	0	0		
ACVR2A	2.6	10.1	0.8	1.2	1.7	0.2	0.4	0.9	4.8	2.3	1.2	0	0.4	0	0	0.2	1.1	0.6	0.3	0	0	0	3.1	1.2	5.3	2.6	1.2	2	0.5	0	1	0	0	0	
RNF43	4.8	12.9	0.8	1.4	1.3	1.5	0.6	1.8	4.2	2.3	6.2	3.6	0.6	0	2.5	0	0	1.5	1	2	0.9	0	0.9	0.8	4.2	1.8	0	0.8	0.8	0	0	0	0	0	
SPOP	2.6	10.3	2.1	0.4	2.2	0.5	1	0.7	0.9	0	0.6	7.3	0.4	2.7	0	0.2	1.1	0.3	0	0	0.5	1.4	0.6	0.9	0.3	1.5	0	0.4	14.6	0	0	0	0	0	
MAPK1	1.4	3.7	0.8	0.2	0.6	0.2	1.8	1.1	0	0	0	0	0.2	0	0	0	0	0.3	0.5	0	0.5	0	0.9	0.3	0.6	4.7	0	0.4	0.3	0	0	0	0	0	
AJUBA	1	1.7	1.8	0.8	2.2	0	6.5	1.6	0	0	0	0	0	0	0	0	0	0.9	0.3	0	0.5	1.4	0.6	0.2	0.8	2.6	0	0.8	0	0	0	0	1.4	0	
CUL3	2.4	4.5	2.1	1.7	1.7	1	3.7	4.7	2.1	0.8	0.6	0	0	0	0	0.2	0	1.8	0	0	0.5	1.4	0.6	0.9	0.3	1.8	0	3.9	1.3	0	1	2.9	0	0	
NUP133	4.5	3.7	2.3	2.3	1.7	1	1.2	4	2.1	1.5	0	0	0.2	0	0	0.5	0	1.5	0.8	0	0.5	0	4	0.8	1.4	1.1	0	2.7	1.1	0	0	0	0	0	
AXIN1	4.8	4.5	1.5	1.4	0.6	1.2	2.4	2.5	1.2	0.8	1.2	0	0.2	0	0	0.7	0	1.2	1.3	0	0.9	0	7.7	0.8	2.2	1.5	0	2.3	0.3	0	1	0	0	0	
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	0.8	0	1.4	1.4	1.1	3.2	1.9	1.5	0	0.4	1.3	0	0	0	1.4	0	
MAP2K4	3.8	4.3	0.8	1.4	2.8	0.8	0.6	1.6	4.5	2.3	1.9	0	0	0	0	0	2.2	0	0	0	1.4	0	1.4	4.3	1.1	0.4	0	1.6	1.1	0	0	0	0	0	
ESR1	2.4	4.5	2.1	2.3	2.8	0.8	1.2	2.9	3	2.3	0.6	0	0.2	0	1.2	0.2	2.2	0.6	1.6	0	0.5	0	0.9	1.7	1.7	1.5	0	0.8	0.8	0	0	0	0	0	
CYLD	3.8	2.8	0.8	1.9	2.8	0.2	2.6	2.7	2.4	1.5	0.6	0	0	0	1.2	0.5	2.2	0.3	1.8	2	0.5	0	0.6	0.7	2.2	1.1	0	0.4	0	0	0	0	0	0	
ACVR1B	3.1	4.7	0.8	2.1	2.2	1	1.4	2	3.6	0.8	0.6	1.8	0.4	0	0	0.2	1.1	1.2	0.5	2	1.4	0	0.6	1.2	1.7	1.8	1.2	0.4	0.3	0	0	0	0	0	
ZFP96L1	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	0	2	0	0	0.6	0.6	1.7	2.2	1.2	1.6	0.3	0	0	0	0	0	
SMAD2	3.1	3	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	0.3	2	0.5	0	0	0.8	1.7	0.7	0	0.4	0.5	0	0	0	0	0	
PCBP1	1	0.9	2.6	1	0.6	0.2	0.8	1.1	4.2	6.1	0	0	0	0.4	0	0	0.2	0	0.3	0	0	0	1.4	1.1	0.7	1.2	0	1.2	0	0	0	0	0	1.4	
POLRMT	5.3	3.2	2.3	1.4	1.1	0.8	1	1.3	3	0.8	0.6	0	0.2	0	0	0	0	1.6	0	0	1.9	1.4	1.1	0.6	0.8	2.2	1.2	0.8	0	0	0	0	1.4	0	
GRIN2D	6.2	2.4	4.1	2.1	1.1	1	2.4	2.5	1.5	0	1.2	0.4	0	0	0	0.7	0	0	0.8	0	1.4	1.4	1.7	0.6	1.4	2.2	1.2	1.2	0	0	0	0	0	0	
SF1	3.8	3.2	2.8	3.1	0.6	0.2	1.6	1.3	1.8	0.8	0.6	0	0.2	0	0	0	1.1	0	0.5	2	2.8	0	0.6	0.9	1.4	1.5	1.2	0.4	0.3	0	0	0	1.4	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	0.5	0	0.5	1.4	0.6	0.9	0.8	2.2	3.5	1.6	0.5	0	6.2	0	1.4	0	
PIK3CG	2.4	3.7	3.1	1.9	1.7	1.8	1.6	4.2	0.9	3.1	0.6	0	0.2	0	0	0.2	0	0.6	2.1	0	2.4	0	1.1	0.9	1.7	0.4	2.3	1.2	0.8	1	1	0	0	0	
CUL1	2.6	3	4.9	2.1	0.6	0.8	2.4	2.5	1.5	1.5	1.2	0	0.2	2.7	0	0.2	0	0.9	1.3	0	2.9	0	0.6	0.7	1.1	2.6	2.3	1.2	0	1.9	0	0	0	0	
SOS1	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	1	0	0.9	0	2	0.7	1.7	2.9	0	0.8	0.5	0	1	0	1.4	0	
AXIN2	2.6	5.2	4.1	1.5	1.1	0.5	2	1.3	3	3.1	0	0	0.6	0	0	0.2	0	0.9	0.5	0	0	2.8	0.7	2.2	2.6	0	0	0.5	0	0	0	0	1.4	0	
LATS1	3.1	3.4	3.9	2.7	1.1	2.2	1.4	5.4	1.5	2.3	1.2	0	0.4	0	0	0.5	2.2	0.6	0.5	0	0.5	0	1.7	0.9	1.9	3.6	0	2	0	0	0	0	2.8	0	
TXNIP	1.4	2.8	4.1	0.8	0	1.2	0.2	1.1	0.6	0.8	0.6	0	0	0	0	0	1.1	1.2	0.8	0	0	1.4	0.3	1	0.8	2.9	1.2	2.3	1.1	0	0	0	1.4	0	
RXRRA	3.8	3.2	6.7	0.4	1.1	0.2	0.4	1.6	0.3	0.8	0.6	0	0.8	0	0	0.2	1.1	0.3	1.3	0	0.9	1.4	1.1	0.7	1.4	0.7	0	1.6	0.3	1	0	0	0	0	
RAD21	2.4	3.7	4.1	1.9	2.8	0.8	1	2.7	1.8	2.3	0.6	0	0.4	0	0	0	0.6	0.5	0	0.5	0	0.3	0.7	0	4.4	0	0	0.8	0	0	1	0	1.4	0	
KLF5	1.7	2.4	5.4	0.6	2.8	0.2	0.6	2.7	1.8	1.5	0.6	1.8	0.4	0	0	0.2	0	0	0.3	0	0.5	1.4	0.3	0.2	1.1	3.3	0	0.4	0.5	0	0	2.9	0	0	
PIK3R2	3.3	4.7	1.5	1.2	1.1	1.5	1	2.7	1.2	0	0	0	0.2	0	0	0.2	0	1.2	1.6	0	0.9	1.4	0.6	0.3	0.8	0.7	1.2	1.2	0.8	0	0	0	0	0	
MSH3	3.8	5.2	2.1	2.1	1.1	0.5	1.2	2.2	0.6	0.8	0	0	0.4	0	0	0.2	0	0.3	0.8	2	0.9	0	0.3	0.7	1.4	0.7	1.2	2	1.1	0	0	0	1.4	0	
EEF2	4.1	5.8	2.3	2.1	2.8	0.5	1.6	1.6	2.1	0.8	1.9	0	0.4	0	0	0	0.3	0.3	0	0	0.9	1.4	0.9	0.9	1.7	1.1	1.2	0.8	0.8	0	0	0	0	0	
NUP93	2.6	4.3	2.6	1.2	1.7	0.5	2.4	1.8	1.5	0.8	0	1.8	0.4	0	0	1	0	0.3	0	1.4	0	0.9	0.6	0.8	0.7	2.3	0.8	0	0	0	0	0	0	0	
CND01	1.9	7.1	2.1	0.8	0.6	0.5	0.8	1.1	0.3	0	0	0	0.6	0	0	0	0	0	0.5	0	0	0.6	0.3	0.6	1.1	0	0	0	0	0	0	0	1.4	0	
ACVR1	3.6	6	1	1.4	0.6	0.5	1	1.6	0.6	1.5	0	1.8	0	0	0	0	0.6	0.5	0	0	1.4	0.6	0.2	1.1	0.4	0	0	0.3	0	0	0	0	1.4	0	
MAX	1	4.9	0.3	2.1	1.7	0.5	0.2	0.2	2.1	0	0	0	0.8	0	0	0	0	1.8	1	2	0.5	0	0.6	0.3	0.3	0	0	0	0	0	0	0	0	0	0
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	0.3	0	0	1.4	0	0.3	0	2.2	0.4	0	0.4	0.5	0	0	0	0	0	0
DAP2K1	3.6	6	1.5	1.4	0.6	0.5	0.4	1.1	0.6	0	0.6	0	0	2.7	0	0	1.1	0.3	0	0	0	0	1.4	0.5	0.3	2.6	0	2.3	0	0	0	0	0	0	
SMARCB1	2.2	2.8	1	0.8	0.6	0.2	0.4	0.7	0.9	0	0	0	0.8	2.7	0	0	0	0.6	0	2	0.5	0	0.3	0.2	1.4	2.2	0	2.3	0.3	0	0	0	1.4	0	
IRF2	2.4	3.7	2.3	0.4	0	1.2	1.6	1.3	1.8	0	0.6	0	0	2.7	0	0	0	0.3	0.5	0	0	2.9	1.4	0.2	1.9	1.1	1.2	0.4	0.3	0	0	0	0	0	0
CHEK2	1.4</																																		