

hsp27	99.0	0.0	0.0	0.0	0.0	0.0	100.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ikb	4.0	0.0	0.0	9.0	100.0	2.0	7.0	0.0	6.0	4.0	0.0	5.0	0.0	21.0	1.0	14.0	0.0
jnk12	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	100.0	0.0	0.0	0.0
tnfa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
tgfa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0
il1a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
igf1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
akt	0.0	1.0	4.0	4.0	0.0	40.0	0.0	11.0	97.0	0.0	62.0	0.0	34.0	4.0	0.0	0.0	0.0
pi3k	0.0	0.0	0.0	0.0	1.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0
erk12	10.0	99.0	0.0	6.0	1.0	10.0	0.0	0.0	2.0	8.0	0.0	7.0	25.0	0.0	7.0	0.0	2.0
p38	100.0	1.0	2.0	100.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	1.0	1.0	0.0	0.0
ras	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	5.0	100.0	0.0	5.0	0.0	0.0
ikk	100.0	0.0	95.0	11.0	3.0	1.0	1.0	0.0	0.0	95.0	1.0	1.0	0.0	44.0	0.0	0.0	0.0
mkk4	100.0	0.0	98.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	1.0	99.0	2.0	0.0	0.0
map3k1	0.0	1.0	1.0	1.0	0.0	96.0	0.0	0.0	96.0	0.0	1.0	100.0	1.0	3.0	0.0	0.0	1.0
mek12	18.0	0.0	12.0	6.0	0.0	100.0	2.0	1.0	93.0	93.0	14.0	17.0	20.0	1.0	18.0	0.0	0.0
map3k7	0.0	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	1.0	2.0	100.0	1.0	27.0	0.0	0.0	0.0
map3k7	mek12	map3k1	mkk4	ikk	ras	p38	erk12	pi3k	akt	igf1	il1a	tgfa	tnfa	jnk12	ikb	hsp27	