Gene list
NSUN3
POLRMT
NLRX1
SFXN5
...

Kinases
NSUN3
POLRMT
NLRX1
SFXN5
...

TF-Enrichment
ChEA (ChIP Enrichment Analysis)

PPI Network Construction
G2N (Genes2Networks)

Kinase-Enrichment
KEA (Kinase Enrichment Analysis)

Parameter	Examples	# Opts
TF Sort	• P-value • Rank • Odds Ratio • Combined Score	4
Species	• Human • Mouse • Both	3
TF Databases	• ChEA • Transfac • Both	3
Top TFs	• 5 • 10 • 20	3

Parameter	Examples	# Opts
PPI Databases	• BIND, BIOCARTA, BIOGRID, DIP, FIGEYS, HPRD, INNATEDB, INTACT, KEGG, MINT, MIPS, MURPHY, PDZBASE, PPID, PREDICEDPPI, SNAVI, STELZL, VIDAL, and HUMAP	18
PPI Path Length	• 1 • 2	2

Parameter	Examples	# Opts
Kinase Sort	! P-value ! Rank ! Odds Ratio ! Combined Score	4
Kinase Interactome	! P ! KP	2
Top Kinases	! *Held constant at 20*	*1*