



### mod

- Cell fate: apoptosis, senescence, differentiation
- Extracellular matrix organization, coagulation and lipoprotein metabolism
- GPCR signaling: Wnt, metabotropic receptors, cytokine receptors
- Interferon stimulated genes: interleukins and antigen presentation
- Neurotransmission
- NFkB mediated inflammation induced by TLRs, TCRs and BCRs
- NOTCH and FOXO mediated gene expression
- Response against viruses via TGF-SMAD signaling
- Response to stress: autophagy, mitophagy, heatshock response
- Signal transduction upon growth factor stimulation
- Unfolded protein response (UPR)

### degree

- 1000
- 2000
- 3000

### log(weight)

