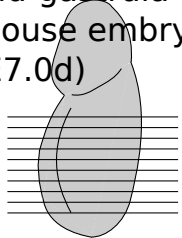
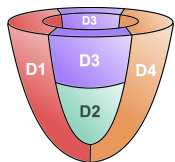


Peng et al.
Developmental Cell, **36**,
681-697 (2016)

Mid-gastrula
mouse embryo
(E7.0d)



Domain
structure



RNA-seq

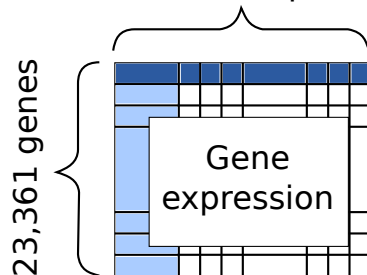
Download
GSE65924



[https://
www.ncbi.nlm.nih.gov/geo/](https://www.ncbi.nlm.nih.gov/geo/)

23,361 genes

41 cell samples



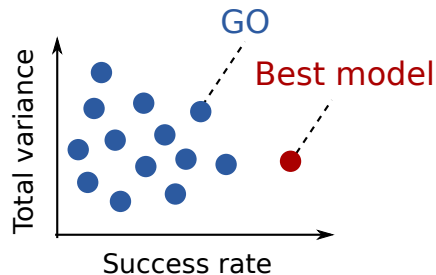
Gene Ontology
(17,940 categories)

Feature gene
selection

**Stochastic-
SOM**

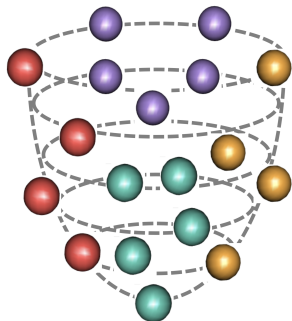
Learning

Evaluation



Select the
best model

Visualization



3D reconstructed model