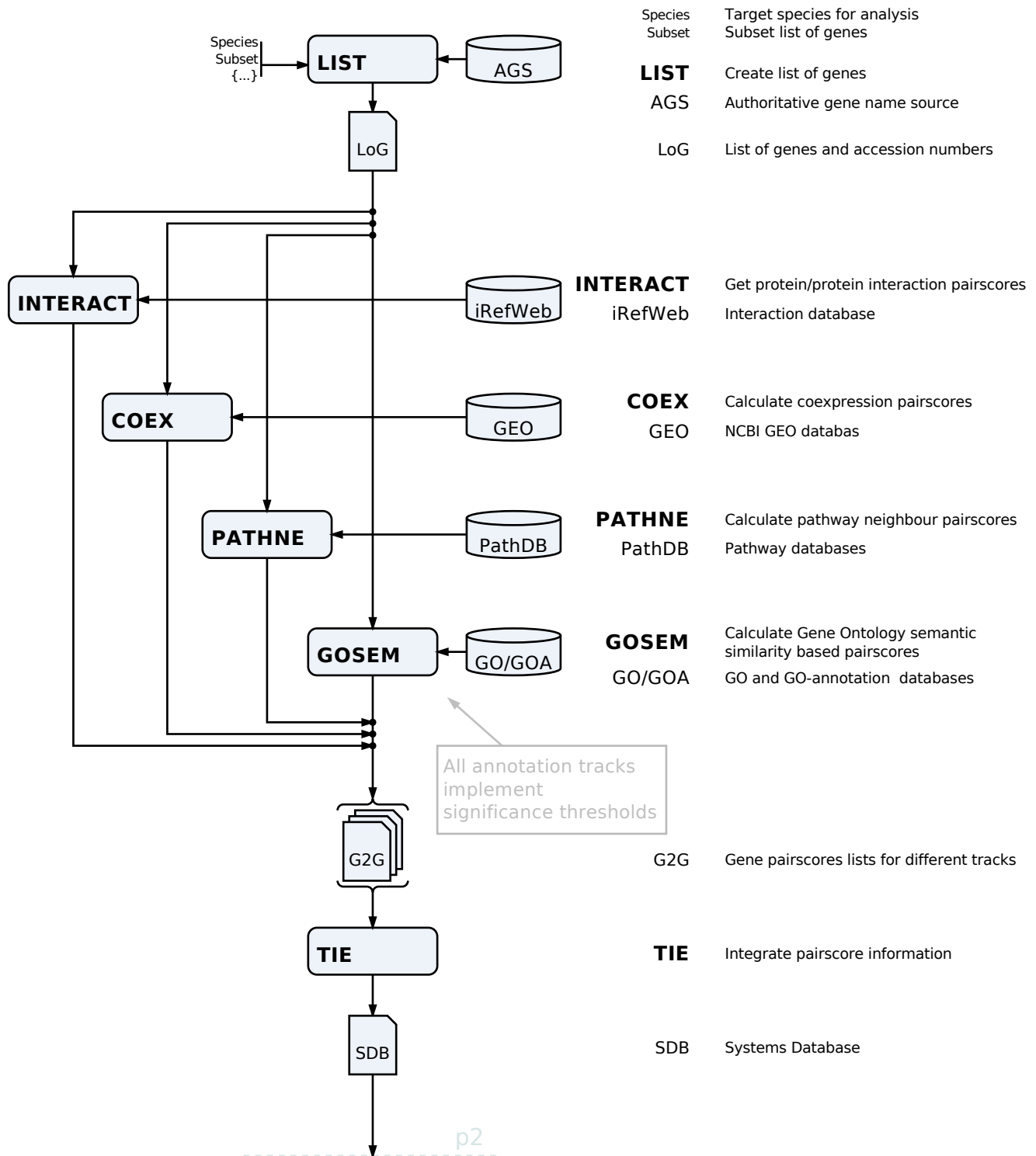
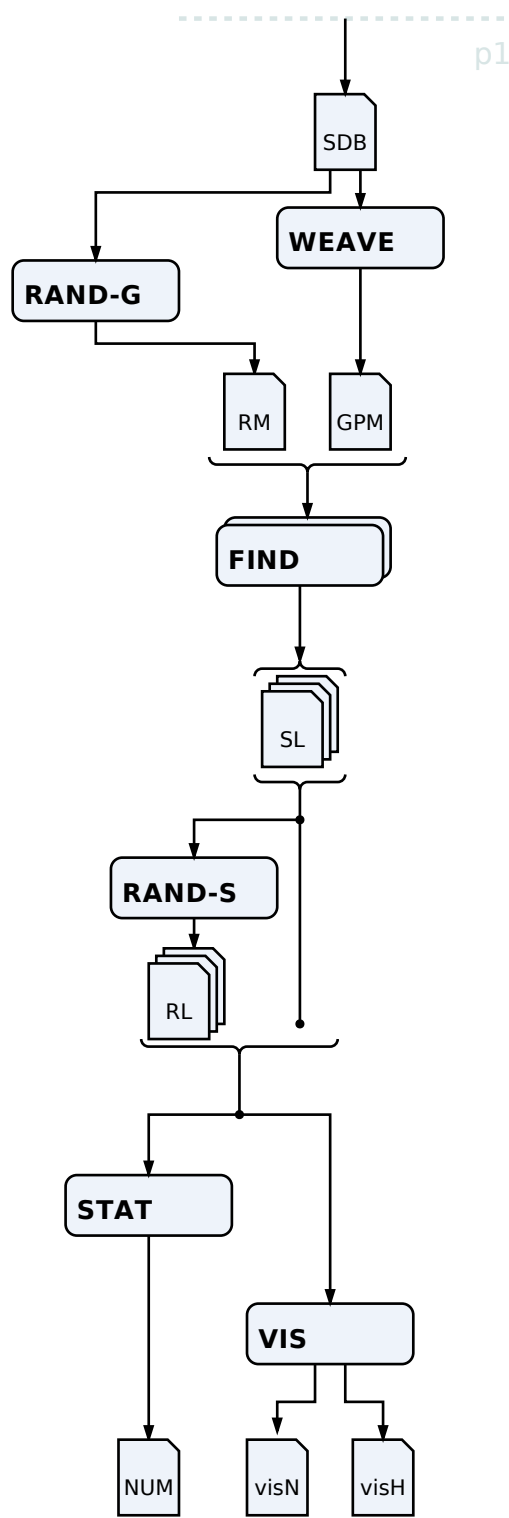


Systemikon is a systems discovery workflow that utilizes a variety of gene/gene relationships to infer a multigraph of functional relationships. Systems are discovered as sets of collaborating genes.





SDB Systems Database

WEAVE Build multigraph from pairscore data
GPM Gene Pairscore Multigraph

RAND-G First-principles random datasets and
RM edge-randomized sets
Randomized Multigraphs

FIND Discover systems via:
- multigraph clustering
- fusion clustering
- embedding clustering

SL Systems lists

RAND-S First principles random datasets
or edge-randomized sets

RL Randomized systems lists.

STAT Systems statistics

VIS Network and hierarchy analysis and
visualization

NUM Numerical/tabular analysis

visN Network visualization

visH Hierarchy visualization