

4-MAT_xxxx_yy_yy

main()

1

Setting_functions

time_count() ←
settings() ←
globalGenePool() ←
anchorGenePools() ←
linkageDictionary() ←

KNN_RBH_functions

KNN_clustering_1() →
KNN_clustering_2() →
RBH_filtering_1() →
RBH_filtering_2() →
apply_version() ← 3
dictionary_intersection_1() ←
dictionary_intersection_2() ←
cleanGraph() ←
saveNetwork() ←

2

PCEIN_functions

time_count() →
buildPearsonCoExpressionIntersectedNetwork() ←
saveNetwork() ←
saveNetworkData() ←
loadPearsonCoExpressionIntersectedNetwork() ←
dynamic_filtering() ←
neighborhood_filtering() ←

4

NPC_functions

indices_recovery() →
overall_normalize() →
createGraph() →
cleanGraphDistance() →
cleanGraph() →
dynamicCleanGraph() →
countNeighbors() ←
listNeighbors() ←
getCliquesInfo() ←
getEdgesData() ←
rankingNodes() →
saveRankedNodes() →
sortCandidates() →
candidateVectorsOfInterest() →
sortSpecialNeighbors() →
saveFinalCandidates() →
saveNetwork() →

5

ClusterPath_functions

time_count() ←
KMeans_1D() →
clusterPathing() →
commonPath() →
regroupPaths() →
concatenatePath() →
savePaths() →
deviationPathing() →
saveDeviantPaths() →
saveNetwork() →

6

Consensus_functions

assoc_redundancy() →
saveAnchorConsensusData() →
saveResultByAnchor() →
saveResultByCandidates() →
builtConsensusNetwork() →
saveNetwork() →