Biological Process (BP) Semantic Clustering and Family Grouping

Clustering used k=5. Family label is the most significant term in the cluster.

Family 3: transmembrane transport

Family 1: regulation of endocytosis

Family 5: mitochondrion organization

Family 4: lipoprotein metabolic process

Family 2: cell part morphogenesis

Semantic Y Coordinate (MDS)

0.25

0.00

−0.25

Semantic X Coordinate (MDS)

−0.2   0.0   0.2   0.4

GO Family (Cluster)   1 2 3 4 5

−Log10(p−value)   1.5 2.0 2.5

Enrichment Factor (Significant / Annotated)   0.028   0.105   0.181   0.200