GO analysis flow chart

Gene Ontology (GO) database

go_analysis

download_go

GO terms (obo)
- term descriptions
- hierarchy

EnsemblGenomes database

parse_go

get_annotation
-org

GO description (tsv)
- term ID
- alt ID
- name
- type

GO hierarchy (tsv)
- child node
- parent node

Annotation table (tsv)
- gene ID
- GO ID

expand
-org
-desc_file
-hierarchy_file
-annot_file

Expanded annotation table (tsv)
- gene ID
- GO ID