

DISEASE2GENES	DISEASEONTOLOGY
SOURCE: http://www.disgenet.org/web/DisGeNET/menu/downloads OLDNAME: curatedAndBefree_gene_disease_associations_<DATE>.csv	SOURCE: https://github.com/DiseaseOntology/HumanDiseaseOntology/tree/master/src/ontology OLDNAME: doid_<DATE>.txt
UMLS	DROID
geneId (entrez)	UMLS
score	ICD9
geneName (entrez Symbol)	ICD10
description	MESH
diseaseName	UMLS
sourceId	MEDDRA
NofPmids	name
NofSnps	

DisGeNet_prep.R
join_DisOnt_disGenNet.R

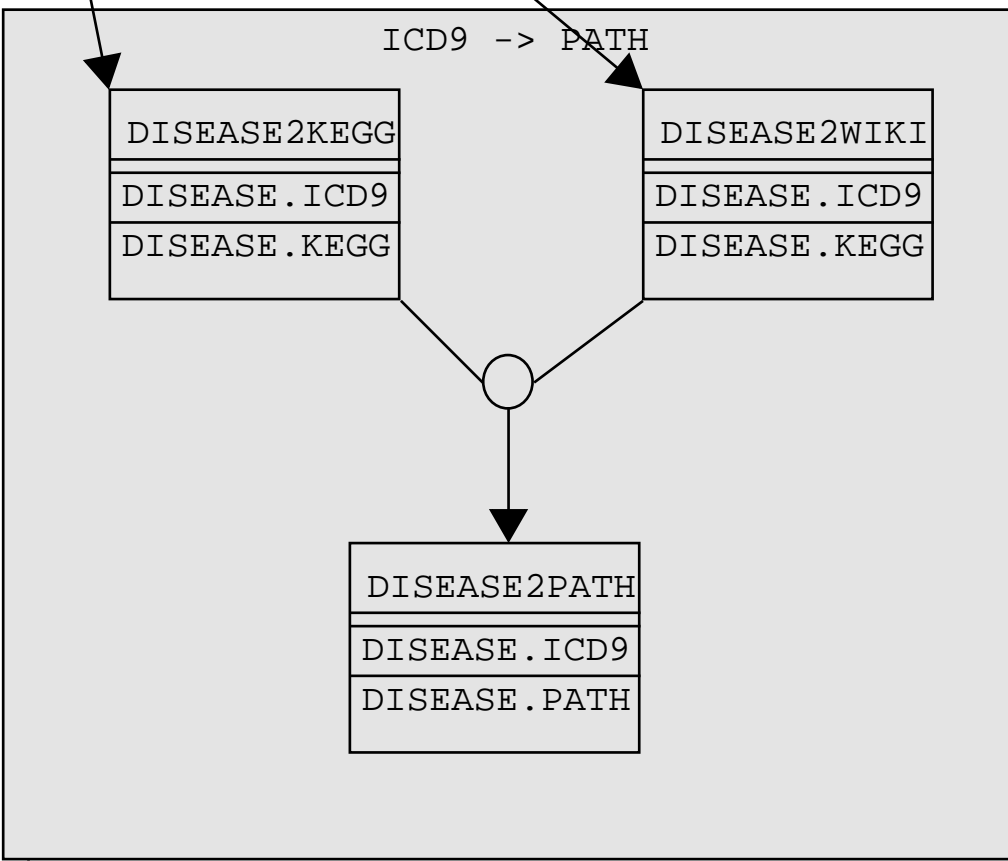
DISEASE2GENES
geneId (entrez)
geneName (Symbol)
ICD9

subset filter by "score" and "NofPmids"

DISEASE2GENES
geneId (entrez)
ICD9

enrichtment analysis

DISEASE2GO
DISEASE.ICD9
DISEASE.GO



MESH2ICD9
SOURCE: https://github.com/DiseaseOntology/HumanDiseaseOntology/tree/master/src/ontology OLDNAME: doid_MESH2ICD9_<DATE>.csv
id
mesh
icd9

DISEASE2MESH
DISEASE.ICD9
DISEASE.MESHDISEASE

ICD9GROUPING
SOURCE: https://medschool.vanderbilt.edu/phewas-phenome-wide-association-studies-0 OLDNAME: ICD9code_translation_updated
ICD9
ICD9_STRING
PHEWAS_CODE
PHEWAS_STRING

DISEASE2PHEWAS
DISEASE.ICD9
DISEASE.PHEWAS

DISEASE2PHEWASHL
DISEASE.ICD9
DISEASE.PHEWAS_HL

DISEASE2SYMPTOMS
SOURCE: http://www.nature.com/ncomms/2014/140626/ncomms5212/full/ncomms5212 OLDNAME: Disease2Symptoms.txt
MESH_SYMPTOM_TERM
MESH_DISEASE_TERM
PUBMED_OCCURRENCE
TFIDF_SCORE

DISEASE2SYMPTOMS
DISEASE.ICD9
DISEASE.MESHSYMPOM

DISEASE2BIOMARKER
SOURCE: Therapeutic Target Database (TTD) OLDNAME: biomarker-diseases.txt
BIOMARKER_REC_ID
BIOMARKERNAME
DISEASE
ICD9

parse ICD9

DISEASE2BIOMARKER
DISEASE.ICD9
DISEASE.BIOMARKER_REC_ID

PATIENTS
SOURCE: Truven
OLDNAME: Table04
ENROLID
STARTDT
ENDDT
EVIDATE
DAYS
MHSAFL

DISEASES
SOURCE: PATIENTS
DISEASE.ICD9 (n = 12214)

DISEASEDESCRIPTORS
DISEASE.ICD9
DISEASE.PHEWAS
DISEASE.BIOMARKER_REC_ID
DISEASE.MESHDISEASE
DISEASE.MESHSYMPOM
DISEASE.ENTREZ
DISEASE.GO
DISEASE.KEGG

to-do