

## Ontologies Loaded by Sanger IDs, Descriptions, Counts by Triple Type, and Size

Raymond LeClair

Working Copy of February 3, 2025

## Ontology IDs and Descriptions (1 of 2)

cl : Cell Ontology ... a structured controlled vocabulary for cell types in animals

pcl : Provisional Cell Ontology [describes] cell types that are provisionally defined by experimental techniques such as single cell or single nucleus transcriptomics rather than a straightforward & coherent set of properties

clm-kg: A data-linked knowledge graph for the Cell Ontology

go: Gene Ontology ... for describing the function of genes and gene products

uberon: Uberon multi-species anatomy ontology ... covering animals and bridging multiple species-specific ontologies

ncbitaxon: An ontology representation of the NCBI organismal taxonomy, the slim is intended to cover:

- Anything used in a taxon constraint in an ontology
- All UniProt Reference Proteomes
- Any taxon that has a non-IEA annotation in GO

## Ontology IDs and Descriptions (2 of 2)

mondo : Mondo Disease Ontology a global community effort to harmonize multiple disease resources to vield a coherent merged ontology

pato : Phenotype And Trait Ontology ... of phenotypic qualities (properties, attributes or characteristics)

hancestro: Human Ancestry Ontology ... provides a systematic description of the ancestry concepts used

in the NHGRI-EBI Catalog of published genome-wide association studies

mmusdv : Mouse Developmental Stages [describes] life cycle stages for Mus Musculus

hsapdv: Human Developmental Stages [describes] life cycle stages for Human

capo-base : Unknown

## Counts by Triple Type and Size (MB)

ID	UUU	UUB	UUL	BUU	BUB	BUL	MB
cl	60634	32563	141165	299574	43843	109339	54
pcl	474328	61001	719776	549945	108567	128188	173
clm-kg	127037	279	g46930	279518	1220	138556	42
go-plus	253343	119410	486680	1124050	142958	312045	196
uberon-base	52154	24543	163080	300330	24875	132317	56
taxslim	90300	0	176005	139368	0	34842	35
mondo-simple	264104	0	351417	1115995	0	761643	187
pato	28639	12014	63188	100065	15107	36775	20
hancestro	6190	2049	8189	7240	89	618	2
mmusdv	539	255	1470	1389	0	416	1
hsapdv	817	463	1995	2265	7	578	1
capo-base	244	6	111	70	20	19	1

U denotes URIRef, B denotes BNode, and L denotes Literal