Resource Summary Report

Generated by NIF on Apr 25, 2025

PhenoGO

RRID:SCR_013646
Type: Tool

Proper Citation

PhenoGO (RRID:SCR_013646)

Resource Information

URL: http://www.phenogo.org

Proper Citation: PhenoGO (RRID:SCR_013646)

Description: PhenoGO is a computed database designed for high throughput mining that provides phenotypic and experimental context - such as the cell type, disease, tissue, and organ - to existing annotations between gene products and Gene Ontology (GO) terms, as specified in the Gene Ontology Annotations (GOA) for multiple model organisms. Phenotypic and Experimental (P&E) contexts to identifiers are computationally mapped to general biological ontologies, including: the Cell Ontology (CO), phenotypes from the Unified Medical Language System (UMLS), species from Taxonomy of the National Center for Biotechnology Information (NCBI) taxonomy, and specialized ontologies such as Mammalian Phenotype Ontology (MP) and Mouse Anatomy (MA).

Synonyms: Phenotype Context Database for Gene Ontology Annotations

Resource Type: database, data or information resource

Funding:

Availability: Available to the research community, Acknowledgement requested

Resource Name: PhenoGO

Resource ID: SCR_013646

Alternate IDs: nlx_152722

Alternate URLs: www.phenogo.org

Record Creation Time: 20220129T080317+0000

Record Last Update: 20250425T060003+0000

Ratings and Alerts

No rating or validation information has been found for PhenoGO.

No alerts have been found for PhenoGO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Yu H, et al. (2017) CODA: Integrating multi-level context-oriented directed associations for analysis of drug effects. Scientific reports, 7(1), 7519.

Sam LT, et al. (2009) PhenoGO: an integrated resource for the multiscale mining of clinical and biological data. BMC bioinformatics, 10 Suppl 2(Suppl 2), S8.