

Resource Summary Report

Generated by [ASWG](#) on Aug 23, 2026

Phenex

RRID:SCR_021748

Type: Tool

Proper Citation

Phenex (RRID:SCR_021748)

Resource Information

URL: <http://phenex.phenoscape.org/>

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Description: Software application for annotating character matrix files with ontology terms. Character states can be annotated using Entity-Quality syntax, where entity, quality, and possibly related entities are drawn from requisite ontologies. In addition, taxa (the rows of a character matrix) can be annotated with identifiers from taxonomy ontology. Phenex saves ontology annotations alongside original free text character matrix data using new NeXML format standard for evolutionary data.

Resource Type: software resource

Defining Citation: [DOI:10.1371/journal.pone.0010500](https://doi.org/10.1371/journal.pone.0010500)

Keywords: phenotype, ontology, taxonomy ontology, taxa, ontology annotations, free text character matrix data, NeXML, evolutionary data

Funding: NHGRI HG002659;
NSF DBI 0641025;
NSF EF0423641

Availability: Free, Available for download, Freely available

Resource Name: Phenex

Resource ID: SCR_021748

Alternate URLs: <https://github.com/phenoscape/Phenex/wiki#download--installation>

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260821T194203+0000

Ratings and Alerts

No rating or validation information has been found for Phenex.

No alerts have been found for Phenex.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Montanaro G, et al. (2024) Computable species descriptions and nanopublications: applying ontology-based technologies to dung beetles (Coleoptera, Scarabaeinae). Biodiversity data journal, 12, e121562.