

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

GeneCup

RRID:SCR_021281

Type: Tool

Proper Citation

GeneCup (RRID:SCR_021281)

Resource Information

URL: <https://genecup.org>

Proper Citation: GeneCup (RRID:SCR_021281)

Description: Literature mining web service that searches all PubMed abstracts for user provided gene symbols in conjunction with set of custom keywords organized into customized ontology, as well as results from human genome wide association studies (GWAS). Searches gene symbols against list of keywords in PubMed to extract sentences that contain at least one gene and one keyword. Used to mine PubMed for gene relationships using custom ontology and deep learning.

Resource Type: web service, data access protocol, software resource

Defining Citation: [DOI:10.1101/2020.09.17.297358](https://doi.org/10.1101/2020.09.17.297358)

Keywords: literature mining web service, PubMed abstracts search, user provided gene symbols, customized ontology,

Availability: Free, Freely Available

Resource Name: GeneCup

Resource ID: SCR_021281

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260728T043618+0000

Ratings and Alerts

No rating or validation information has been found for GeneCup.

No alerts have been found for GeneCup.

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 [SPARC SAWG](#) .

Gunturkun MH, et al. (2022) GeneCup: mining PubMed and GWAS catalog for gene-keyword relationships. G3 (Bethesda, Md.), 12(5).

Parks C, et al. (2021) Genetic Modulation of Initial Sensitivity to Δ^9 -Tetrahydrocannabinol (THC) Among the BXD Family of Mice. Frontiers in genetics, 12, 659012.