

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

Oomycetes Soybean EST Database

RRID:SCR_005883

Type: Tool

Proper Citation

Oomycetes Soybean EST Database (RRID:SCR_005883)

Resource Information

URL: <http://phytophthora.vbi.vt.edu>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented on July 15, 2013. An integrated resource hosting combined EST data from Oomycetes. It also separates Soybean ESTs from compatible *P.sojae* infection libraries. Public soybean unigenes and publicly available soybean infection libraries are also part of this database. Currently in this database we have placed 10 libraries from *P.sojae*(SHA,SHB,sMA,sML,sMY,sMC,sZG,sZO,sZS,iMY) having 33350 raw sequences. Additionally, there are 99,320 EST sequences from *P.infestans* from NCBI. For *P.infestans* sequences cleaning information is not available. These sequences are clustered and assembled and data analysis was performed by us. We have separated Soybean ESTs from *P.sojae* libraries using insillico methods. The soybean libraries are named as gHA and gHB based on their origin from SHA or SHB. All publicly available soybean unigenes(37,465) are added to this database. For public soybean sequences we did not perform any cleaning or assembly. The unigenes were annotated prior to storing. Recently, we added 37492 ESTs from *Hyaloperonospora parasitica*. All the ESTs are clustered into unigenes and annotated using blastx to nr database, interproscan, TMHMM and SignalP. Annotations are updated every 3 months.

Abbreviations: OSESTDB

Synonyms: Oomycetes Soybean EST DB, Oomycetes and Soybean EST Database, Oomycetes Soybean Database

Resource Type: data or information resource, database

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Oomycetes Soybean EST Database

Resource ID: SCR_005883

Alternate IDs: nif-0000-03623

Record Creation Time: 20220129T080233+0000

Record Last Update: 20260729T044122+0000

Ratings and Alerts

No rating or validation information has been found for Oomycetes Soybean EST Database.

No alerts have been found for Oomycetes Soybean EST Database.

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 [SPARC SAWG](#) .

Limenitakis J, et al. (2013) The 2-methylcitrate cycle is implicated in the detoxification of propionate in *Toxoplasma gondii*. *Molecular microbiology*, 87(4), 894.