Resource Summary Report

Generated by NIF on May 8, 2025

PAMGO

RRID:SCR_000022
Type: Tool

Proper Citation

PAMGO (RRID:SCR_000022)

Resource Information

URL: http://bmcmicrobiol.biomedcentral.com/articles/10.1186/1471-2180-9-S1-S1

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented on June 10, 2016. A consortium that created universal descriptors to describe functionally similar gene products and their attributes across all organisms. In 2004, the PAMGO interest group joined the GO consortium to extend the GO to include terms describing various processes related to microbe-host interactions. The organization uses a controlled vocabulary to set a process in place to describe plant associated microbes and their interactions with their plant-hosts. These higher order terms can describe gene products of all types of symbionts (e.g. parasites, commensals, and mutualists), including prokaryotes and eukaryotes that associate with plant or animal hosts. This initiative is a multi-institutional collaborative effort to pool information and research in: the bacteria Dickeya dadantii, Pseudomonas syringae pv tomato and Agrobacterium tumefaciens, the fungus Magnaporthe grisea, the oomycetes Phytophthora sojae and Phytophthora ramorum, and the nematode Meloidogyne hapla.

Abbreviations: PAMGO

Synonyms: Plant-Associated Microbe Gene Ontology, Plant Associated Microbe Gene Ontology, PAMGO - Plant-Associated Microbe Gene Ontology

Resource Type: data or information resource, controlled vocabulary, ontology

Keywords: ontology, plant ontology, microbe-host, controlled vocabulary, symbiosis, parasite, mutualist, commensal

Funding: NSF 2005-35600-16370;
NSF EF-0523736

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: PAMGO

Resource ID: SCR_000022

Alternate IDs: nlx_92278

Record Creation Time: 20220129T080159+0000

Record Last Update: 20250506T060134+0000

Ratings and Alerts

No rating or validation information has been found for PAMGO.

No alerts have been found for PAMGO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Leonelli S, et al. (2011) How the gene ontology evolves. BMC bioinformatics, 12, 325.

Meng S, et al. (2009) Common processes in pathogenesis by fungal and oomycete plant pathogens, described with Gene Ontology terms. BMC microbiology, 9 Suppl 1(Suppl 1), S7.

Lindeberg M, et al. (2009) Gene Ontology annotation highlights shared and divergent pathogenic strategies of type III effector proteins deployed by the plant pathogen Pseudomonas syringae pv tomato DC3000 and animal pathogenic Escherichia coli strains. BMC microbiology, 9 Suppl 1(Suppl 1), S4.

Page GP, et al. (2008) Bioinformatic tools for inferring functional information from plant microarray data: tools for the first steps. International journal of plant genomics, 2008, 147563.

Xu Q, et al. (2008) GORouter: an RDF model for providing semantic query and inference services for Gene Ontology and its associations. BMC bioinformatics, 9 Suppl 1(Suppl 1),

S6.