

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

PASC

RRID:SCR_016642

Type: Tool

Proper Citation

PASC (RRID:SCR_016642)

Resource Information

URL: <https://www.ncbi.nlm.nih.gov/sutils/pasc/viridty.cgi>

Proper Citation: PASC (RRID:SCR_016642)

Description: Web tool for analysis of pairwise identity distribution within viral families. Used for virus sequence-based classification. Data in the system are updated every day to reflect changes in virus taxonomy and additions of new virus sequences to the public database.

Abbreviations: PASC

Synonyms: PAirwise Sequence Comparison

Resource Type: data or information resource, production service resource, web service, software resource, data access protocol, database, analysis service resource, service resource

Defining Citation: [PMID:25119676](#)

Keywords: analysis, pairwise, identity, distribution, viral, family, sequence, classification, data, taxonomy

Funding: National Library of Medicine

Availability: Free, Public

Resource Name: PASC

Resource ID: SCR_016642

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260808T190236+0000

Ratings and Alerts

No rating or validation information has been found for PASC .

No alerts have been found for PASC .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhou Q, et al. (2023) Genomic Analysis of a New Freshwater Cyanophage Lbo240-yong1 Suggests a New Taxonomic Family of Bacteriophages. *Viruses*, 15(4).

Cuypers LN, et al. (2022) Co-infection of mammarenaviruses in a wild mouse, Tanzania. *Virus evolution*, 8(2), veac065.

Qian M, et al. (2022) A Novel Freshwater Cyanophage, Mae-Yong924-1, Reveals a New Family. *Viruses*, 14(2).

Kondo H, et al. (2021) Identification of a Novel Quinvirus in the Family Betaflexiviridae That Infects Winter Wheat. *Frontiers in microbiology*, 12, 715545.

Bejerman N, et al. (2020) High-Throughput Sequencing for Deciphering the Virome of Alfalfa (*Medicago sativa* L.). *Frontiers in microbiology*, 11, 553109.

Tan Z, et al. (2019) Virome profiling of rodents in Xinjiang Uygur Autonomous Region, China: Isolation and characterization of a new strain of Wenzhou virus. *Virology*, 529, 122.