

Resource Summary Report

Generated by [RRID](#) on Sep 18, 2026

[PaVE](#)

RRID:SCR_016599

Type: Tool

Proper Citation

PaVE (RRID:SCR_016599)

Resource Information

URL: <https://pave.niaid.nih.gov>

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Description: Collection of curated papillomavirus genomic sequences, accompanied by web-based sequence analysis tools. Database and web applications support the storage, annotation, analysis, and exchange of information.

Abbreviations: PaVE

Synonyms: PapillomaVirus Episteme, Papillomavirus Episteme

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

Defining Citation: [PMID:28053164](#)

Keywords: data, curated, papilloma, virus, genomic, sequence, analysis, storage, annotation, FASEB list

Funding: NIAID ZIA AI001071

Availability: Open source

Resource Name: PaVE

Resource ID: SCR_016599

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260912T195842+0000

Ratings and Alerts

No rating or validation information has been found for PaVE.

No alerts have been found for PaVE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 156 mentions in open access literature.

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

Aldana-Caballero A, et al. (2026) A LAMP-Assay for the Detection and Genotyping of HPV Causing Plantar Warts From Skin Scrapes Samples. *Journal of medical virology*, 98(5), e70975.

Wang Z, et al. (2026) Development and clinical validation of an ERA-CRISPR/Cas12a assay for the rapid detection of 14 high-risk HPV types. *Microbiology spectrum*, 14(2), e0303625.

Shadang M, et al. (2026) The R2TP complex stabilises E7 to drive human papillomavirus-mediated pathogenesis in cellular models of cervical cancer. *Virology journal*, 23(1).

Talpe-Nunes V, et al. (2026) GATA3 Inhibits the Expression of Viral E6/E7 Genes, and Its Expression Is Compromised During HPV-Mediated Cervical Carcinogenesis. *Journal of medical virology*, 98(7), e71034.

Nakamura H, et al. (2026) Prevalence and genotype distribution of human papillomavirus in cervical cancer and precancer in Japan between 2012 and 2025: a retrospective single-center study. *Frontiers in public health*, 14, 1857364.

Smith NJ, et al. (2025) Differentiation signals induce APOBEC3A expression via GRHL3 in squamous epithelia and squamous cell carcinoma. *The EMBO journal*, 44(1), 1.

Munabi IG, et al. (2025) Nanopore sequencing of non-oncogenic oral Papillomaviruses from people living with HIV. *Research square*.

Koul M, et al. (2025) VITALdb: to select the best viroinformatics tools for a desired virus or application. *Briefings in bioinformatics*, 26(2).

Parida P, et al. (2025) Precise identification of viral-host integration events in HPV-positive cervical cancers by targeted long-read sequencing. *Tumour virus research*, 20, 200325.

Intan NS, et al. (2025) Urinary detection of high-risk HPV DNA to enhance cervical cancer screening in developing countries. *Microbiology spectrum*, 13(9), e0193824.

Baranda-??vila N, et al. (2025) Translational regulation of human papillomavirus mRNAs in carcinogenesis: old questions and new insights. *Frontiers in cell and developmental*

biology, 13, 1676001.

Lyu Y, et al. (2025) Skin microbiome engineering: Challenges and opportunities in skin diseases treatment. *iMetaOmics*, 2(2), e70012.

Jiang X, et al. (2025) Depletion of Effector Regulatory T Cells Associates with Major Response to Induction Dual Immune Checkpoint Blockade. *Cancer discovery*, 15(8), 1569.

Dervenis V, et al. (2025) The Role of HPV in the Development of Cutaneous Squamous Cell Carcinoma-Friend or Foe? *Cancers*, 17(7).

Munday JS, et al. (2025) First Detection and Genetic Characterization of *Felis catus* Papillomavirus Type 11, the First Treisetapapillomavirus Type to Infect Domestic Cats. *Animals : an open access journal from MDPI*, 15(10).

Liu H, et al. (2025) The long noncoding RNA lnc-FANCI-2 intrinsically restricts RAS signaling in human papillomavirus type 16-infected cervical cancer cells. *eLife*, 13.

Liu H, et al. (2025) High-Throughput Targeted Sequencing Identifies an HPV Methylation Panel for Detecting Cervical Lesion Progression. *Journal of medical virology*, 97(12), e70739.

Khan N, et al. (2025) Human Papillomavirus Integration Induces Oncogenic Host Gene Fusions in Oropharyngeal Cancers. *Cancer discovery*, 15(9), 1927.

Porter VL, et al. (2025) Rearrangements of viral and human genomes at human papillomavirus integration events and their allele-specific impacts on cancer genome regulation. *Genome research*, 35(4), 653.

Sasivimolrattana T, et al. (2025) Virome capture sequencing for comprehensive HPV genotyping in cervical samples. *Science progress*, 108(2), 368504251334515.