Resource Summary Report

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Human Adenovirus Type Classification

RRID:SCR_005753
Type: Tool

Proper Citation

Human Adenovirus Type Classification (RRID:SCR_005753)

Resource Information

URL: http://hadvwg.gmu.edu/

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Description: The Human Adenovirus Type Classification coordinates the naming of candidate new types, prior to manuscript submission for peer review. This resource contains a method of submitting candidate HAdV, criteria for a new HAdV type, and a Serotyping tool, which displays all potential types corresponding to the query serotype entered by a user. The criteria are based on discussions at the International Adenovirus Meeting (Dobog??k, Hungary; 26-30 April, 2009) and the NIH Human Adenovirus Working Group Workshop (Bethesda, MD. USA; 3 February 2011), which are summarized in a Letter to the Editor.

Abbreviations: HAdV Type Classification

Resource Type: production service resource, analysis service resource, service resource, knowledge environment

Keywords: hadv, human adenovirus, adenovirus, classification, serotyping, genotyping, genome, nucleotide sequence, human adenovirus working group, serotype

Related Condition: Adenovirus

Funding:

Resource Name: Human Adenovirus Type Classification

Resource ID: SCR_005753

Alternate IDs: nlx_149215

Record Creation Time: 20220129T080232+0000

Record Last Update: 20250517T055719+0000

Ratings and Alerts

No rating or validation information has been found for Human Adenovirus Type Classification.

No alerts have been found for Human Adenovirus Type Classification.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 108 mentions in open access literature.

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

Liu Z, et al. (2025) Human adenovirus species B knob proteins as immunogens for inducing cross-neutralizing antibody responses. mSphere, 10(1), e0064424.

Liang Y, et al. (2025) Immunological pathogenesis and treatment progress of adenovirus pneumonia in children. Italian journal of pediatrics, 51(1), 4.

Wang F, et al. (2024) High-Frequency Recombination of Human Adenovirus in Children with Acute Respiratory Tract Infections in Beijing, China. Viruses, 16(6).

Scarsella L, et al. (2024) Advances of Recombinant Adenoviral Vectors in Preclinical and Clinical Applications. Viruses, 16(3).

Liu Z, et al. (2024) The short fiber knobs of human adenovirus in species F elicit cross-neutralizing antibody responses. Heliyon, 10(15), e35783.

Wang J, et al. (2024) Human adenovirus type 4 (HAdV-4) associated acute respiratory tract infection in children & genetic characteristics of HAdV-4 in China: a prospective multicenter study. BMC infectious diseases, 24(1), 936.

Dawson LM, et al. (2024) Role of homologous recombination/recombineering on human adenovirus genome engineering: Not the only but the most competent solution. Engineering microbiology, 4(1), 100140.

Cantelli CP, et al. (2024) Assessment of Gastroenteric Viruses in Marketed Bivalve Mollusks in the Tourist Cities of Rio de Janeiro, Brazil, 2022. Viruses, 16(3).

Rahman MA, et al. (2024) Mutated Adenovirus Attacks in West Bengal, India: Risk Evaluation of Multi-Country Outbreaks and Mitigation Strategies. Nursing open, 11(10), e70065.

Gomez-Gonzalez A, et al. (2024) Stepwise virus assembly in the cell nucleus revealed by spatiotemporal click chemistry of DNA replication. Science advances, 10(43), eadq7483.

Wu L, et al. (2024) Development of monoclonal antibodies targeting the conserved fragment of hexon protein to detect different serotypes of human adenovirus. Microbiology spectrum, 12(4), e0181623.

Becken BA, et al. (2024) A Fulminant Case of Adenovirus Genotype C108 Infection in a Pediatric Stem Cell Transplant Recipient with x-Linked Lymphoproliferative Syndrome Type 1. Viruses, 16(1).

Cao Y, et al. (2024) Detection and complete genome sequence analysis of human adenovirus in children with acute diarrhea in Yunnan, China, 2015-2021. Archives of virology, 169(2), 34.

Lambisia AW, et al. (2024) Multispecies Cocirculation of Adenoviruses Identified by Next-Generation Sequencing During an Acute Gastroenteritis Outbreak in Coastal Kenya in 2023. Open forum infectious diseases, 11(9), ofae505.

Fang B, et al. (2024) Hybrid sequencing for detailed genetic characterization of human adenoviruses. Scientific reports, 14(1), 29490.

Zhang Q, et al. (2024) Higher affinities of fibers with cell receptors increase the infection capacity and virulence of human adenovirus type 7 and type 55 compared to type 3. Microbiology spectrum, 12(1), e0109023.

Kolb AW, et al. (2024) Phylogenetic and Recombination Analysis of Clinical Vitreous Humor-Derived Adenovirus Isolates Reveals Discordance Between Serotype and Phylogeny. Investigative ophthalmology & visual science, 65(2), 12.

Kurskaya OG, et al. (2024) Genetic Diversity of the Human Adenovirus C Isolated from Hospitalized Children in Russia (2019-2022). Viruses, 16(3).

Wang S, et al. (2024) Genotypes and Phylogenetic Analysis of Human Adenovirus in Hospitalized Pneumonia and Influenza-Like Illness Patients in Jiangsu Province, China (2013-2021). Infection and drug resistance, 17, 2199.

Biškup UG, et al. (2023) Molecular Typing of Mastadenoviruses in Simultaneously Collected Nasopharyngeal Swabs and Stool Samples from Children Hospitalized for Acute Bronchiolitis, Acute Gastroenteritis, and Febrile Seizures. Microorganisms, 11(3).