

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

BHK-21

RRID:CVCL_1914

Type: Cell Line

Proper Citation

ATCC Cat# CRL-6282, RRID:CVCL_1914

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1914

Proper Citation: ATCC Cat# CRL-6282, RRID:CVCL_1914

Description: Cell line BHK-21 is a Spontaneously immortalized cell line with a species of origin Mesocricetus auratus (Golden hamster)

Sex: Male

Defining Citation: [PMID:1263417](#), [PMID:6298990](#), [PMID:14207308](#), [PMID:25903999](#), [PMID:34737324](#)

Comments: Miscellaneous: Not distributed parent cell line., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Category: Spontaneously immortalized cell line

Organism: Mesocricetus auratus (Golden hamster)

Name: BHK-21

Synonyms: BHK 21, BHK21, Baby Hamster Kidney-21, Baby Hamster Kidney 21, Baby Hamster Kidney from litter No. 21, BHK

Cross References: EFO:EFO_0022747, ATCC:CRL-6281, ATCC:CRL-6282, CLS:603126, Ubigene:YC-A049, Wikidata:Q4838438

ID: CVCL_1914

Vendor: ATCC

Catalog Number: CRL-6282

Record Creation Time: 20220427T215400+0000

Record Last Update: 20260726T002643+0000

Ratings and Alerts

No rating or validation information has been found for BHK-21.

Warning: Discontinued: ATCC; CRL-6282

Miscellaneous: Not distributed parent cell line., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Warning: Discontinued: ATCC; CRL-6281

Miscellaneous: Not distributed parent cell line., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 3869 mentions in open access literature.

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

Louloudes-Lázaro A, et al. (2025) Double-stranded RNA orbivirus disrupts the DNA-sensing cGAS-sting axis to prevent type I IFN induction. Cellular and molecular life sciences : CMLS, 82(1), 55.

Shao R, et al. (2025) ZAP inhibits double-stranded RNA virus infection by degrading negative-strand RNA and blocking the elongation phase of viral protein synthesis. Cell reports, 45(1), 116742.

Scott MC, et al. (2025) Deep profiling deconstructs features associated with memory CD8+ T cell tissue residence. Immunity, 58(1), 162.

Martínez-Pérez M, et al. (2025) A Fluorescent Reporter Virus Toolkit for Interrogating Enterovirus Biology and Host Interactions. Viruses, 17(6).

De Leeuw I, et al. (2025) Influence of inoculation dose and route on EHDV-8 distribution and the induced immune response in experimentally infected cattle. Veterinary research, 56(1), 222.

Shirasaka Y, et al. (2025) A 20-amino-acid Cardiovirus protein exhibits cytokine-mimicry activity to regulate viral replication. Cell reports, 45(1), 116740.

Zhao H, et al. (2025) Evolution of a fuzzy ribonucleoprotein complex in viral assembly. eLife, 14.

Zhao H, et al. (2025) Evolution of a fuzzy ribonucleoprotein complex in viral assembly. *bioRxiv : the preprint server for biology*.

Wang X, et al. (2025) DENV-2 3'UTR dumbbell structure is a critical factor for viral infection and dissemination in *Aedes* mosquito. *Journal of virology*, 99(8), e0075825.

Li W, et al. (2025) Comparative Function Analysis of Self-Amplifying mRNA and Self-Amplifying DNA. *Chembiochem : a European journal of chemical biology*, 26(13), e202500110.

Liu C, et al. (2025) Boosting mRNA Therapeutics: pHLIP Enhances Endosomal Escape and Gene Expression in Lipid Nanoparticle. *Advanced healthcare materials*, e02567.

Xia X, et al. (2024) RNA genome packaging and capsid assembly of bluetongue virus visualized in host cells. *Cell*, 187(9), 2236.

Liu S, et al. (2024) Evaluating the mosquito vector range for two orthobunyaviruses: Oya virus and Ebinur Lake virus. *Parasites & vectors*, 17(1), 204.

Ávila-Ramírez ML, et al. (2023) Differential Gene Expression Pattern of Importin β 3 and NS5 in C6/36 Cells Acutely and Persistently Infected with Dengue Virus 2. *Pathogens (Basel, Switzerland)*, 12(2).

Liu HY, et al. (2023) Single-virus tracking with quantum dots in live cells. *Nature protocols*, 18(2), 458.

Sun K, et al. (2023) Oncolytic Viral Therapy for Glioma by Recombinant Sindbis Virus. *Cancers*, 15(19).

Zhou S, et al. (2023) Conessine inhibits enveloped viruses replication through up-regulating cholesterol level. *Virus research*, 338, 199234.

Tsai SK, et al. (2023) Antigenicity and immunogenicity of chikungunya virus-like particles from mosquito cells. *Applied microbiology and biotechnology*, 107(1), 219.

McKellar J, et al. (2023) An evolutionarily conserved N-terminal leucine is essential for MX1 GTPase antiviral activity against different families of RNA viruses. *The Journal of biological chemistry*, 299(1), 102747.

Treffers EE, et al. (2023) The alphavirus nonstructural protein 2 NTPase induces a host translational shut-off through phosphorylation of eEF2 via cAMP-PKA-eEF2K signaling. *PLoS pathogens*, 19(2), e1011179.