

Resource Summary Report

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BHK-21 clone 13

RRID:CVCL_1915

Type: Cell Line

Proper Citation

(JCRB Cat# JCRB9020, RRID:CVCL_1915)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1915

Proper Citation: (JCRB Cat# JCRB9020, RRID:CVCL_1915)

Description: Cell line BHK-21 clone 13 is a Spontaneously immortalized cell line with a species of origin Mesocricetus auratus (Golden hamster)

Sex: Male

Defining Citation: [PMID:4370432](#), [PMID:9180260](#), [PMID:14468055](#), [PMID:14207308](#), [PMID:19941903](#), [PMID:33389257](#)

Comments: Derived from sampling site: Kidney., Doubling time: ~32-50 hours (DSMZ=ACC-61)., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Group: Patented cell line.

Category: Spontaneously immortalized cell line

Organism: Mesocricetus auratus (Golden hamster)

Name: BHK-21 clone 13

Synonyms: BHK 21 clone 13, BHK21 clone 13, BHK-21 (clone 13), BHK 21 (clone 13), BHK21 (clone-13), BHK-21 (C-13), BHK-21 [C-13], BHK-21(C-13), BHK-21(C13), BHK-21 C-13, BHK-21-C13, BHK-21/C13, BHK 21 CL13, BHK 21 C13, BHK21-C13, BHK-21 C 13, BHK 21/13, BHK21/C13, BHK21/13, BHK21 C13, BHK21C13, C13, BHK-21-ATCC

Cross References: CLO:CLO_0001957, CLO:CLO_0001958, CLO:CLO_0001959, CLO:CLO_0001965, CLO:CLO_0001966, CLO:CLO_0001967, CLO:CLO_0051403, CLDB:cl439, CLDB:cl444, CLDB:cl445, CLDB:cl446, CLDB:cl447, CLDB:cl448, ATCC:CCL-

10, BCRC:60041, BCRJ:0050, CCLV:CCLV-RIE 0179, CCLV:CCLV-RIE 0194, CCRID:1101HAM-PUMC000097, CCRID:1102HAM-NIFDC00033, CCRID:3101HAMGNHa10, CCRID:4201HAM-CCTCC00010, CCRID:5301HAM-KCB90020YJ, CCTCC:GDC0010, ChEMBL-Cells:ChEMBL3308360, ChEMBL-Targets:ChEMBL614527, CLS:603126, DSMZ:ACC-61, DSMZCellDive:ACC-61, ECACC:85011433, ECACC:93120815, FCS-free:46-8-47-1-8-9, FCS-free:46-8-338-1-16-3, IZSLER:BS CL 8, JCRB:JCRB9020, KCB:KCB 90020YJ, KCB:KCB 92005YJ, KCLB:10010, Lonza:762, NCBI_Iran:C107, PubChem_Cell_line:CVCL_1915, RCB:RCB1423, TKG:TKG 0308, TOKU-E:667, Wikidata:Q54796388

ID: CVCL_1915

Vendor: JCRB

Catalog Number: JCRB9020

Hierarchy: CVCL_1914

Ratings and Alerts

No rating or validation information has been found for BHK-21 clone 13.

Warning: Discontinued: ATCC; CL-10

Derived from sampling site: Kidney., Doubling time: ~32-50 hours (DSMZ=ACC-61).,

Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Group: Patented cell line.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 118 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Bruckman NG, et al. (2024) Sperm induction of somatic cell-cell fusion as a novel functional test. eLife, 13.

Mao L, et al. (2024) Olgotrelvir, a dual inhibitor of SARS-CoV-2 Mpro and cathepsin L, as a standalone antiviral oral intervention candidate for COVID-19. Med (New York, N.Y.), 5(1), 42.

Holmes AC, et al. (2024) Ly6C⁺ monocytes in the skin promote systemic alphavirus dissemination. *Cell reports*, 43(3), 113876.

Shin OS, et al. (2024) Crimean-Congo Hemorrhagic Fever Survivors Elicit Protective Non-Neutralizing Antibodies that Target 11 Overlapping Regions on Viral Glycoprotein GP38. *bioRxiv* : the preprint server for biology.

Theerawatanasirikul S, et al. (2024) Antiviral mechanisms of sorafenib against foot-and-mouth disease virus via c-RAF and AKT/PI3K pathways. *Veterinary research communications*, 48(1), 329.

Shizukuishi S, et al. (2024) Pneumococcal sialidase promotes bacterial survival by fine-tuning of pneumolysin-mediated membrane disruption. *Cell reports*, 43(3), 113962.

Zhang Y, et al. (2023) Activity-balanced GLP-1/GDF15 dual agonist reduces body weight and metabolic disorder in mice and non-human primates. *Cell metabolism*, 35(2), 287.

Mundhra S, et al. (2023) Higher replication potential of West Nile virus governs apoptosis induction in human neuroblastoma cells. *Apoptosis : an international journal on programmed cell death*, 28(7-8), 1113.

Okamura S, et al. (2023) Protocol to isolate temperature-sensitive SARS-CoV-2 mutants and identify associated mutations. *STAR protocols*, 4(2), 102352.

Li FS, et al. (2023) Species-specific MARCO-alphavirus interactions dictate chikungunya virus viremia. *Cell reports*, 42(5), 112418.

Larrieux A, et al. (2023) Cellular resistance to an oncolytic virus is driven by chronic activation of innate immunity. *iScience*, 26(1), 105749.

Kong J, et al. (2023) Alphavirus infection triggers antiviral RNAi immunity in mammals. *Cell reports*, 42(5), 112441.

Bruckman NG, et al. (2023) A novel function for the sperm adhesion protein IZUMO1 in cell-cell fusion. *The Journal of cell biology*, 222(2).

Thompson A, et al. (2023) Brain-wide circuit-specific targeting of astrocytes. *Cell reports methods*, 3(12), 100653.

Metzdorf K, et al. (2023) TMPRSS2 Is Essential for SARS-CoV-2 Beta and Omicron Infection. *Viruses*, 15(2).

Parham KA, et al. (2023) Monovalent and trivalent VSV-based COVID-19 vaccines elicit neutralizing antibodies and CD8⁺ T cells against SARS-CoV-2 variants. *iScience*, 26(4), 106292.

Li HH, et al. (2023) Mechanical transmission of dengue virus by *Aedes aegypti* may influence disease transmission dynamics during outbreaks. *EBioMedicine*, 94, 104723.

Lin YH, et al. (2023) Small intestine and colon tissue-resident memory CD8⁺ T cells exhibit molecular heterogeneity and differential dependence on Eomes. *Immunity*, 56(1), 207.

Prendergast AE, et al. (2023) CSF-contacting neurons respond to *Streptococcus pneumoniae* and promote host survival during central nervous system infection. *Current biology : CB*, 33(5), 940.

Liu H, et al. (2023) Two pan-SARS-CoV-2 nanobodies and their multivalent derivatives effectively prevent Omicron infections in mice. *Cell reports. Medicine*, 4(2), 100918.