

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

BRL-3A

RRID:CVCL_0606

Type: Cell Line

Proper Citation

RRID:CVCL_0606

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0606

Proper Citation: RRID:CVCL_0606

Description: Cell line BRL-3A is a Spontaneously immortalized cell line with a species of origin Rattus norvegicus (Rat)

Category: Spontaneously immortalized cell line

Organism: Rattus norvegicus (Rat)

Name: BRL-3A

Synonyms: BRL3A, BRL 3A, Buffalo Rat Liver-3A

Cross References: BTO:BTO_0000154, CLO:CLO_0002029, CLO:CLO_0002031, EFO:EFO_0022728, CLDB:cl481, CLDB:cl482, CLDB:cl4989, ATCC:CRL-1442, BCRC:60218, CCRID:3101RATGNR10, CCRID:3101RATSCSP5434, CCRID:5301RAT-KCB92013YJ, CLS:500129, ECACC:85111503, ICLC:AL00002, JCRB:JCRB0025, JCRB:JCRB9114, KCB:KCB 92013YJ, TOKU-E:688, Wikidata:Q54798280

ID: CVCL_0606

Record Creation Time: 20220427T215413+0000

Record Last Update: 20260905T185043+0000

Ratings and Alerts

No rating or validation information has been found for BRL-3A.

No alerts have been found for BRL-3A.

Data and Source Information

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Patel M, et al. (2026) Synergistic Effect of Sodium Acetate and Sodium Butyrate in Ameliorating Ethanol-Induced Hepatic Inflammation Through Modulation of the NF- κ B Signaling Pathway. *Mediators of inflammation*, 2026(1), e5835567.

Mi H, et al. (2025) High-resolution quantitative mapping of extracellular pH by ratiometric MRI with iron chelates in a tumor mouse model. *La Radiologia medica*, 130(8), 1231.

Tian Y, et al. (2024) 17 β -Estradiol protects female rats from bilateral oophorectomy-induced nonalcoholic fatty liver disease induced by improving linoleic acid metabolism alteration and gut microbiota disturbance. *Heliyon*, 10(7), e29013.

Zhang M, et al. (2023) Elafibranor upregulates the EMT-inducer S100A4 via PPAR γ . *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 167, 115623.

Rang FJ, et al. (2022) Single-cell profiling of transcriptome and histone modifications with EpiDamID. *Molecular cell*, 82(10), 1956.

Yang B, et al. (2021) Acute acrylonitrile exposure inhibits endogenous H₂S biosynthesis in rat brain and liver: The role of CBS/3-MPST-H₂S pathway in its astrocytic toxicity. *Toxicology*, 451, 152685.

Song L, et al. (2019) Pterostilbene prevents hepatocyte epithelial-mesenchymal transition in fructose-induced liver fibrosis through suppressing miR-34a/Sirt1/p53 and TGF- β 1/Smads signalling. *British journal of pharmacology*, 176(11), 1619.