Resource Summary Report

Generated by dkNET on Sep 10, 2026

BV-2

RRID:CVCL_0182
Type: Cell Line

Proper Citation

Ubigene Cat# YC-C035, RRID:CVCL_0182

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0182

Proper Citation: Ubigene Cat# YC-C035, RRID:CVCL_0182

Description: Cell line BV-2 is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Female

Defining Citation: PMID:2110186, PMID:19565166, PMID:21214938, PMID:21961028, PMID:22651808, PMID:26227174

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: BV-2

Synonyms: BV2

Cross References: BTO:BTO_0003350, EFO:EFO_0022792, MCCL:MCC:0000073, CLDB:cl7130, BCRJ:0356, BioGRID_ORCS_Cell_line:765, CCRID:1101MOU-PUMC000063, CCRID:4201MOU-CCTCC00311, CCTCC:GDC0311, ChEMBL-Cells:CHEMBL3307704, ChEMBL-Targets:CHEMBL614781, CLS:305156, GEO:GSM635468, GEO:GSM635469, GEO:GSM635470, GEO:GSM635471, ICLC:ATL03001, KCB:KCB 200770YJ, Lonza:118, PRIDE:PXD001597, PRIDE:PXD004984, PubChem_Cell_line:CVCL_0182, Ubigene:YC-C035, Wikidata:Q54798657

ID: CVCL_0182

Vendor: Ubigene

Catalog Number: YC-C035

Record Creation Time: 20250130T070635+0000

Record Last Update: 20260905T183956+0000

Ratings and Alerts

No rating or validation information has been found for BV-2.

No alerts have been found for BV-2.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 1029 mentions in open access literature.

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

Zhou H, et al. (2026) Cathepsin B overexpression and lysosomal leakage in inflammatory microglia promote neuroinflammation in olfactory dysfunction by triggering mitochondrial dysfunction and pyroptosis. Brain, behavior, and immunity, 132, 106188.

Zhang Y, et al. (2026) Bone Marrow Mesenchymal Stem Cell-Derived Exosomal Let-7b-5p Reduces High Glucose-Induced Microglial Activation and Inflammation Through TLR4/ATF4. Mediators of inflammation, 2026, 7251718.

Chen Q, et al. (2026) Diselenide-bridged dual-action nanoscavengers drive fasting-boosted BBB penetration and ROS-responsive resveratrol delivery for synergistic ischemic stroke therapy. Journal of nanobiotechnology, 24(1).

Hu S, et al. (2026) TREM2 activation suppresses central sensitisation by promoting autophagy in a chronic migraine model with recurrent nitroglycerin stimulation in mice. British journal of pharmacology, 183(11), 2803.

Li JY, et al. (2026) Lindenane Sesquiterpenoid Hetero- or Homo-Dimers From Sarcandra glabra and Their Anti-Neuroinflammatory Activities. Chemistry & biodiversity, 23(1), e03062.

Li T, et al. (2026) Pre-treatment with baicalein alleviates the diquat-induced microglial pyroptosis through gut microbiota-derived indole-3-propionic acid and DDX3X/G3BP1 pathway. Cell biology and toxicology, 42(1).

Su CY, et al. (2026) Physical activity-associated extracellular vesicles inhibit inflammagen-induced microglial activation. Brain, behavior, & immunity - health, 53, 101200.

Liao W, et al. (2026) Unveiling the Molecular Mechanism of Intestinal Metabolite para-Cresol in Modulating Neuroinflammation and Synaptic Dysfunction: Implications for Autism Spectrum Disorder. Journal of neurochemistry, 170(5), e70457.

Yin Q, et al. (2026) The complement C3-microglial axis in depression of Parkinson's disease: from mechanism to therapeutic intervention. EBioMedicine, 129, 106325.

Salaudeen MA, et al. (2026) Priming with interleukin-1?? and chemical hypoxia modulates the mesenchymal stem cell secretome to dampen microglial inflammation and promote neuroprotection. British journal of pharmacology, 183(17), 5355.

Wei J, et al. (2026) Tangeretin ameliorates sepsis-induced neurocognitive impairment in adult male mice by suppressing Akt-driven glycolytic reprogramming and neuroinflammation. British journal of pharmacology.

Chen X, et al. (2026) Fat mass and obesity-mediated N 6 -methyladenosine modification modulates neuroinflammatory responses after traumatic brain injury. Neural regeneration research, 21(2), 730.

Fang Y, et al. (2026) Spinal cord injury-derived exosomes exacerbate damage: miR-155-5p mediates inflammatory responses. Neural regeneration research, 21(6), 2514.

Fu Y, et al. (2026) A 3-N nose-to-brain urolithin a nanomotor targeting microglial mitophagy in neuroinflammation. Biomaterials, 333, 124162.

Chen JM, et al. (2026) Microbiota-derived IPA mitigates post-stroke neuroinflammation by inhibiting TREM2-dependent pyroptosis. Journal of neuroinflammation, 23(1), 47.

Mera-Reina C, et al. (2026) Therapeutic Targeting of Microglial Hexokinase-2 Recalibrates Inflammasome Activation and Improves Functional Recovery After Traumatic Brain Injury. bioRxiv : the preprint server for biology.

Wang Y, et al. (2026) Tithdiverolides A-C, New Terpene Lactones from Tithonia diversifolia. Chemistry & biodiversity, 23(3), e71090.

Li Y, et al. (2026) Gut microbiota-dependent 24-hydroxycholesterol metabolism contributes to capsaicin-induced amelioration of Alzheimer's disease-like pathology in mice. Nature communications, 17(1).

Xu W, et al. (2026) Ptbp2 Alleviates Neuroinflammation and Blood-brain Barrier Disruption via Modulating Microglial Polarization in Ischemic Stroke. Molecular neurobiology, 63(1), 408.

Zhao B, et al. (2026) Aspirin alleviates long-term high-fat diet-induced depressive-like behavior in male mice via suppressing arachidonic acid-mediated microglial activation and neuroinflammation. Molecular psychiatry.