

Resource Summary Report

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B16-F1

RRID:CVCL_0158

Type: Cell Line

Proper Citation

(BCRJ Cat# 0045, RRID:CVCL_0158)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0158

Proper Citation: (BCRJ Cat# 0045, RRID:CVCL_0158)

Sex: Male

Defining Citation: [PMID:210294](#), [PMID:1109790](#), [PMID:6498800](#), [PMID:6539703](#), [PMID:11833741](#), [PMID:22797548](#), [PMID:25277546](#), [PMID:31220119](#), [PMID:33596583](#)

Comments: Omics: SNP array analysis., Omics: Array-based CGH., Karyotypic information: Near tetraploid karyotype (PubMed=33596583)., Characteristics: Has a low metastatic potential., Characteristics: Obtained from the pulmonary melanoma module of the 1st serial passage of the B16-F0 parent cell line in C57BL/6 mice.

Category: Cancer cell line

Name: B16-F1

Synonyms: B16/F1, B16 F1, B16F1

Cross References: BTO:BTO_0003853, CLO:CLO_0001793, CLO:CLO_0050764, EFO:EFO_0022821, MCCL:MCC:0000050, CLDB:cl337, CLDB:cl338, ATCC:CRL-6323, BCRC:60030, BCRJ:0045, BioSample:SAMN11397654, CCRID:1101MOU-PUMC000365, CCRID:4201MOU-CCTCC00039, CCTCC:GDC0039, ChEMBL-Cells:ChEMBL4295385, ChEMBL-Targets:ChEMBL4296402, CLS:400122, ECACC:92101203, KCLB:80007, Lonza:1278, NCI-DTP:B16F1, PRIDE:PXD018083, PubChem_Cell_line:CVCL_0158, RCB:RCB2649, TKG:TKG 0347, TOKU-E:581, Wikidata:Q54752433

ID: CVCL_0158

Vendor: BCRJ

Catalog Number: 0045

Record Creation Time: 20250131T193953+0000

Record Last Update: 20250131T194218+0000

Ratings and Alerts

No rating or validation information has been found for B16-F1.

No alerts have been found for B16-F1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 484 mentions in open access literature.

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

Huang YH, et al. (2024) Discovery of a mu-opioid receptor modulator that in combination with morphinan antagonists induces analgesia. Cell chemical biology.

Trimaglio G, et al. (2024) The C-type lectin DCIR contributes to the immune response and pathogenesis of colorectal cancer. Scientific reports, 14(1), 7199.

Hernandez-Franco JF, et al. (2024) Intradermal vaccination with a phytoglycogen nanoparticle and STING agonist induces cytotoxic T lymphocyte-mediated antitumor immunity. NPJ vaccines, 9(1), 149.

Hunt EG, et al. (2024) Acetyl-CoA carboxylase obstructs CD8+ T cell lipid utilization in the tumor microenvironment. Cell metabolism.

Gaeta IM, et al. (2023) BioID2 screening identifies KIAA1671 as an EPS8 proximal factor that marks sites of microvillus growth. Molecular biology of the cell, 34(4), ar31.

Jesus ANB, et al. (2023) Increased Expression of the ?133p53? Isoform Enhances Brain Metastasis. International journal of molecular sciences, 24(2).

Dej-Adisai S, et al. (2023) In Vitro, In Vivo, and In Silico Analyses of Molecular Anti-Pigmentation Mechanisms of Selected Thai Rejuvenating Remedy and Bioactive Metabolites. *Molecules* (Basel, Switzerland), 28(3).

Fäßler F, et al. (2023) ArpC5 isoforms regulate Arp2/3 complex-dependent protrusion through differential Ena/VASP positioning. *Science advances*, 9(3), eadd6495.

Pokrant T, et al. (2023) Ena/VASP clustering at microspike tips involves lamellipodin but not I-BAR proteins, and absolutely requires unconventional myosin-X. *Proceedings of the National Academy of Sciences of the United States of America*, 120(2), e2217437120.

Sancho-Albero M, et al. (2023) X-ray Photoelectron Spectroscopy (XPS) Analysis of Nitrogen Environment in Small Extracellular Vesicle Membranes: A Potential Novel Technique with Application for Cancer Screening. *Cancers*, 15(9).

Polajžer T, et al. (2023) Immunogenic Cell Death in Electroporation-Based Therapies Depends on Pulse Waveform Characteristics. *Vaccines*, 11(6).

Wang Y, et al. (2023) PPP2R1A regulates migration persistence through the NHL1-containing WAVE Shell Complex. *Nature communications*, 14(1), 3541.

Haarer EL, et al. (2023) Genomic instability caused by Arp2/3 complex inactivation results in micronucleus biogenesis and cellular senescence. *PLoS genetics*, 19(1), e1010045.

Böröczky T, et al. (2023) Impact of Experimental Conditions on Extracellular Vesicles' Proteome: A Comparative Study. *Life* (Basel, Switzerland), 13(1).

He S, et al. (2023) Distinct dynein complexes defined by DYNLRB1 and DYNLRB2 regulate mitotic and male meiotic spindle bipolarity. *Nature communications*, 14(1), 1715.

Martins Nascentes Melo L, et al. (2023) Glucocorticoid activation by HSD11B1 limits T cell-driven interferon signaling and response to PD-1 blockade in melanoma. *Journal for immunotherapy of cancer*, 11(4).

Martínez-Aguilar LM, et al. (2023) Lysophosphatidylinositol Promotes Chemotaxis and Cytokine Synthesis in Mast Cells with Differential Participation of GPR55 and CB2 Receptors. *International journal of molecular sciences*, 24(7).

Choi Y, et al. (2023) Glycan targeting nanoparticle for photodynamic immunotherapy of melanoma. *Acta pharmaceutica Sinica. B*, 13(5), 1903.

Tamura Y, et al. (2023) A Sulfur Containing Melanogenesis Substrate, N-Pr-4-S-CAP as a Potential Source for Selective Chemoimmunotherapy of Malignant Melanoma. *International journal of molecular sciences*, 24(6).

Taher M, et al. (2023) PEGylated liposomes enhance the effect of cytotoxic drug: A review. *Heliyon*, 9(3), e13823.