

Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

B16-BL6

RRID:CVCL_0157

Type: Cell Line

Proper Citation

RRID:CVCL_0157

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0157

Proper Citation: RRID:CVCL_0157

Description: Cell line B16-BL6 is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Disease: Mouse melanoma

Defining Citation: [PMID:2297053](#), [PMID:3370643](#), [PMID:7370995](#), [PMID:11833741](#)

Comments: Characteristics: Highly invasive.

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: B16-BL6

Synonyms: B16/BL6, B16 BL6, B16BL6, B16BL-6, BL6, BL-6, B16-F10-BL6

Cross References: BTO:BTO_0002808, CLO:CLO_0050759, MCCL:MCC:0000049, ChEMBL-Cells:ChEMBL4295415, ChEMBL-Targets:ChEMBL4296400, KCLB:80006, NCI-DTP:B16BL-6, PubChem_Cell_line:CVCL_0157, RCB:RCB2638, TKG:TKG 0598, Wikidata:Q54752412

ID: CVCL_0157

Hierarchy: cvcl_0159

Record Creation Time: 20220427T215231+0000

Record Last Update: 20260904T021403+0000

Ratings and Alerts

No rating or validation information has been found for B16-BL6.

No alerts have been found for B16-BL6.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 136 mentions in open access literature.

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

Yoo DY, et al. (2026) Depigmenting Effects of Vitex rotundifolia Cone Essential Oil in Melanocytes and Its Chemical Composition. Chemistry & biodiversity, 23(5), e03740.

Yoshida Y, et al. (2025) Targeting macrophage circadian rhythms with microcurrent stimulation to activate cancer immunity through phagocytic defense. Theranostics, 15(2), 340.

Yang J, et al. (2023) Inhibition of Melanogenesis by Essential Oils from the Citrus Cultivars Peels. International journal of molecular sciences, 24(4).

Al Saqr A, et al. (2023) Topical Delivery of Diacetyl Boldine in a Microemulsion Formulation for Chemoprotection against Melanoma. Pharmaceutics, 15(3).

Malakoutikhah Z, et al. (2023) The dual role of Nrf2 in melanoma: a systematic review. BMC molecular and cell biology, 24(1), 5.

Xu B, et al. (2023) Exploring the potential of exosomes in diagnosis and drug delivery for pancreatic ductal adenocarcinoma. International journal of cancer, 152(2), 110.

Song P, et al. (2022) Synthesis of selective PAK4 inhibitors for lung metastasis of lung cancer and melanoma cells. Acta pharmaceutica Sinica. B, 12(6), 2905.

Tomonobu N, et al. (2022) Histidine-Rich Glycoprotein Suppresses the S100A8/A9-Mediated Organotropic Metastasis of Melanoma Cells. International journal of molecular sciences, 23(18).

Mohd Zaid NA, et al. (2022) Promising Natural Products in New Drug Design, Development, and Therapy for Skin Disorders: An Overview of Scientific Evidence and Understanding Their Mechanism of Action. Drug design, development and therapy, 16, 23.

Umeki Y, et al. (2022) DNA barcoding and gene expression recording reveal the presence of cancer cells with unique properties during tumor progression. Cellular and molecular life sciences : CMLS, 80(1), 17.

Hirobe S, et al. (2022) Binding and Efficacy of Anti-Robo4 CAR-T Cells against Solid Tumors. *Biomedicines*, 10(6).

Won YR, et al. (2022) Chemical Composition of *Impatiens textori* Miq. Flower Absolute and Its Potential Wound Repair and Anti-Melanogenesis-Promoting Activities in Skin Cells. *Pharmaceutics* (Basel, Switzerland), 15(11).

Roblek M, et al. (2022) The Solute Carrier MFSD1 Decreases the Activation Status of α 1 Integrin and Thus Tumor Metastasis. *Frontiers in oncology*, 12, 777634.

Rose P, et al. (2022) Anti-Gr-1 Antibody Provides Short-Term Depletion of MDSC in Lymphodepleted Mice with Active-Specific Melanoma Therapy. *Vaccines*, 10(4).

Ha JM, et al. (2022) Akt1-dependent expression of angiopoietin 1 and 2 in vascular smooth muscle cells leads to vascular stabilization. *Experimental & molecular medicine*, 54(8), 1133.

Alrbyawi H, et al. (2022) pH-Sensitive Liposomes for Enhanced Cellular Uptake and Cytotoxicity of Daunorubicin in Melanoma (B16-BL6) Cell Lines. *Pharmaceutics*, 14(6).

Kim K, et al. (2022) Stability of Plant Leaf-Derived Extracellular Vesicles According to Preservative and Storage Temperature. *Pharmaceutics*, 14(2).

Shen H, et al. (2022) Selective suppression of melanoma lacking IFN- γ pathway by JAK inhibition depends on T cells and host TNF signaling. *Nature communications*, 13(1), 5013.

Poudel I, et al. (2022) Hispolon Cyclodextrin Complexes and Their Inclusion in Liposomes for Enhanced Delivery in Melanoma Cell Lines. *International journal of molecular sciences*, 23(22).

Tsuruta A, et al. (2022) Diurnal Expression of PD-1 on Tumor-Associated Macrophages Underlies the Dosing Time-Dependent Antitumor Effects of the PD-1/PD-L1 Inhibitor BMS-1 in B16/BL6 Melanoma-Bearing Mice. *Molecular cancer research : MCR*, 20(6), 972.