

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

A2058

RRID:CVCL_1059

Type: Cell Line

Proper Citation

RRID:CVCL_1059

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1059

Proper Citation: RRID:CVCL_1059

Description: Cell line A2058 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Amelanotic melanoma

Defining Citation: [PMID:265522](#), [PMID:2203689](#), [PMID:6254071](#), [PMID:7520026](#), [PMID:8980186](#), [PMID:9354451](#), [PMID:9466661](#), [PMID:11448059](#), [PMID:12068308](#), [PMID:14692828](#), [PMID:15048078](#), [PMID:15467732](#), [PMID:17308088](#), [PMID:17516929](#), [PMID:19147755](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22383533](#), [PMID:22460905](#), [PMID:23285177](#), [PMID:24576830](#), [PMID:24581590](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: BRAF genetic alteration cell panel (ATCC TCP-1032).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: A2058

Synonyms: A 2058, A-2058

Cross References: BTO:BTO_0002975, CLO:CLO_0001566, EFO:EFO_0006361, CLDB:cl190, CLDB:cl7207, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706,

ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-3601, ATCC:CRL-11147, BCRC:60240, BioGRID_ORCS_Cell_line:326, BioSample:SAMN01821723, BioSample:SAMN03470825, BioSample:SAMN10988063, cancercellines:CVCL_1059, Cell_Model_Passport:SIDM00797, CGH-DB:9291-4, ChEMBL-Cells:ChEMBL3308030, ChEMBL-Targets:ChEMBL613503, CLS:305046, Cosmic:687430, Cosmic:888986, Cosmic:890885, Cosmic:905205, Cosmic:906792, Cosmic:928750, Cosmic:1022284, Cosmic:1028799, Cosmic:1054857, Cosmic:1155286, Cosmic:1303031, Cosmic:1477415, Cosmic:1481414, Cosmic:1507608, Cosmic:1669119, Cosmic:1995329, Cosmic:2159438, Cosmic:2233659, Cosmic:2651881, Cosmic-CLP:906792, DepMap:ACH-000788, ECACC:91100402, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:906792, GEO:GSM162906, GEO:GSM206442, GEO:GSM274680, GEO:GSM276736, GEO:GSM827157, GEO:GSM887916, GEO:GSM1138786, GEO:GSM1374379, GEO:GSM1669579, IARC_TP53:21159, ICLC:HTL08002, JCRB:IFO50276, LiGeA:CCE_398, LINCS_LDP:LCL-1237, Lonza:999, PharmacDB:A2058_38_2019, PRIDE:PXD030304, Progenetix:CVCL_1059, PubChem_Cell_line:CVCL_1059, Wikidata:Q54606435

ID: CVCL_1059

Record Creation Time: 20220427T215105+0000

Record Last Update: 20260920T011710+0000

Ratings and Alerts

No rating or validation information has been found for A2058.

No alerts have been found for A2058.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 270 mentions in open access literature.

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

Esapa B, et al. (2026) An antibody-drug conjugate designed through clone and isotype selection restricts the growth of CSPG4-expressing triple-negative breast cancer. NPJ precision oncology, 10(1).

Shi HZ, et al. (2026) BGN/MDK Axis in the Melanoma Tumor Microenvironment Strengthens Tumor Malignancy by Modulating Cancer Cells and Cancer-Associated Fibroblasts Crosstalk. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(28), e14590.

Kuo CH, et al. (2026) Thrombomodulin facilitates melanoma progression via FAK- and ezrin-mediated phenotypic plasticity. Journal of biomedical science, 33(1), 14.

Li A, et al. (2026) 5-HT reuptake blockade induces pyroptosis in BRAFV600E-mutated melanomas via remodeling histone serotonylation. *Cell reports. Medicine*, 102537.

Deng C, et al. (2026) Dysregulation of the PATZ1/CTCF Balance Silences ZBTB20 to Drive Melanoma Progression. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(26), e20917.

??Ivaro BS, et al. (2026) Synthesis of Benzopyrans and Quinolines with Nitrogenated Chain and Their Cytotoxicity Against Human Cancer Cell Lines. *ChemMedChem*, 21(2), e202500904.

Wang J, et al. (2026) Systematic annotation of orphan RNAs reveals blood-accessible molecular barcodes of cancer identity and cancer-emergent oncogenic drivers. *Cell reports. Medicine*, 7(2), 102577.

O'Donnell BL, et al. (2025) Novel Pannexin 1 isoform is increased in cancer. *bioRxiv : the preprint server for biology*.

Rasbach E, et al. (2025) Targeting the tumor cell-intrinsic ITGB2 axis inhibits melanoma progression. *Molecular cancer*, 24(1), 310.

Gadal S, et al. (2025) Tumorigenesis Driven by BRAFV600E Requires Secondary Mutations That Overcome Its Feedback Inhibition of RAC1 and Migration. *Cancer research*, 85(9), 1611.

Degefu YN, et al. (2025) Cell state plasticity emerging from co-regulated, competitive, and configurable interactions within the AP-1 network. *bioRxiv : the preprint server for biology*.

Saleme B, et al. (2025) Hyperacute response proteins synthesized on ??-tubulin-FTO-MARK4 translation microdomains regulate cancer's acute stress response. *Cell reports*, 44(7), 115871.

Sepe L, et al. (2025) ZNF224 enhances the oncogenic function of p21 via p53 and AKT pathways in melanoma. *The FEBS journal*, 292(15), 3986.

Shan JL, et al. (2025) Reactivating cGAS-STING Signaling by Targeting SOS1 Enhances Antitumor Immunity in NRAS-Mutant Tumors. *Cancer research*, 85(16), 3015.

Lei H, et al. (2025) Overexpression of LMOD1 induces oxidative stress and enhances cell apoptosis of melanoma through the RIG-I like receptor pathway. *Biochimica et biophysica acta. Molecular basis of disease*, 1871(5), 167762.

Li A, et al. (2025) Lactylation of LSD1 is an acquired epigenetic vulnerability of BRAFi/MEKi-resistant melanoma. *Developmental cell*, 60(14), 1974.

Kim DY, et al. (2025) Identification of UBE3C as an E3 ubiquitin ligase for mutant BRAF. *Life sciences*, 378, 123827.

Ren Y, et al. (2025) eEF2K promotes immune evasion in melanoma via Cyclin D1-mediated stabilization of PD-L1. *Journal of immunology (Baltimore, Md. : 1950)*.

He X, et al. (2025) RHOJ enhances adhesion and proliferation capabilities and suppresses apoptosis of melanoma cells by activating the Rap1 signaling pathway.

Translational cancer research, 14(8), 4822.

Bonnet C, et al. (2024) Protocol to study the direct binding of proteins to RNA:DNA hybrids or RNA-DNA chimeras in living cells using cross-linking immunoprecipitation. STAR protocols, 5(3), 103292.