

# Resource Summary Report

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

## A2058

RRID:CVCL\_1059

Type: Cell Line

### Proper Citation

RRID:CVCL\_1059

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_1059](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:** 20260904T021134+0000

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## Ratings and Alerts

No rating or validation information has been found for A2058.

No alerts have been found for A2058.

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 270 mentions in open access literature.

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

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.

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

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

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.

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.

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

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.

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*.

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.

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.

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)*.

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

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.

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.

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.

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

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.