

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 11, 2025

SK-MEL-31

RRID:CVCL_0600

Type: Cell Line

Proper Citation

(RRID:CVCL_0600)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0600

Proper Citation: (RRID:CVCL_0600)

Sex: Female

Defining Citation: [PMID:978138](#), [PMID:1067619](#), [PMID:2784858](#), [PMID:3335022](#), [PMID:3473501](#), [PMID:3518877](#), [PMID:6582512](#), [PMID:6864164](#), [PMID:6933476](#), [PMID:7017212](#), [PMID:7175440](#), [PMID:9598804](#), [PMID:17260012](#), [PMID:21725359](#), [PMID:22460905](#), [PMID:23285177](#), [PMID:24576830](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep exome analysis., Omics: Array-based CGH., Characteristics: Non-pigmented (PubMed=3473501)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., 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).

Category: Cancer cell line

Name: SK-MEL-31

Synonyms: Sk-Mel-31, SKMEL-31, SKMel-31, SkMel31, SKMEL31, AX-Mel

Cross References: CLO:CLO_0009046, EFO:EFO_0006489, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-73, BioSample:SAMN03472881, BioSample:SAMN10988127, cancercellines:CVCL_0600, Cell_Model_Passport:SIDM01104, Cosmic:688054, Cosmic:851406, Cosmic:932998,

Cosmic:933113, Cosmic:1022273, Cosmic:1047689, Cosmic:1102384, Cosmic:1459643, Cosmic:1669147, Cosmic:2159444, Cosmic:2479254, Cosmic-CLP:909727, DepMap:ACH-000640, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:909727, GEO:GSM156033, GEO:GSM276762, GEO:GSM887587, GEO:GSM888670, GEO:GSM1670442, IARC_TP53:26115, KCLB:30073, LiGeA:CCLE_731, Lonza:1344, PharmacDB:SKMEL31_1399_2019, Progenetix:CVCL_0600, Wikidata:Q54954067

ID: CVCL_0600

Record Creation Time: 20250131T202628+0000

Record Last Update: 20250131T204553+0000

Ratings and Alerts

No rating or validation information has been found for SK-MEL-31.

Warning: Discontinued: KCLB; 30073

Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep exome analysis., Omics: Array-based CGH., Characteristics: Non-pigmented (PubMed=3473501)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., 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).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Delaunay T, et al. (2024) Exogenous non-coding dsDNA-dependent trans-activation of phagocytes augments anti-tumor immunity. Cell reports. Medicine, 5(5), 101528.

Yoon SJ, et al. (2023) Comprehensive Metabolic Tracing Reveals the Origin and Catabolism of Cysteine in Mammalian Tissues and Tumors. Cancer research, 83(9), 1426.

Ippolito MR, et al. (2021) Gene copy-number changes and chromosomal instability induced by aneuploidy confer resistance to chemotherapy. Developmental cell, 56(17), 2440.

Zhu J, et al. (2019) Transsulfuration Activity Can Support Cell Growth upon Extracellular

Cysteine Limitation. Cell metabolism, 30(5), 865.