Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 25, 2025

KYSE-150

RRID:CVCL_1348
Type: Cell Line

Proper Citation

(RRID:CVCL_1348)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1348

Proper Citation: (RRID:CVCL_1348)

Sex: Female

Defining Citation: PMID:1728357, PMID:7913084, PMID:9033652, PMID:11092977, PMID:15172977, PMID:16045545, PMID:16832412, PMID:20164919, PMID:20215515, PMID:21191746, PMID:22460905, PMID:25485619, PMID:25877200, PMID:25984343, PMID:27397505, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31978347, PMID:35839778, PMID:36090890

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: shRNA library screening., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Population: Japanese., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: KYSE-150

Synonyms: KYSE 150, KYSE150, Kyse150, KY150

Cross References: BTO:BTO_0002427, CLO:CLO_0007129, EFO:EFO_0006627, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:919, BioSample:SAMN03471047, BioSample:SAMN10988383, cancercelllines:CVCL_1348, CCRID:3101HUMTCHu236, Cell_Model_Passport:SIDM01031, CGH-DB:278-1, CGH-DB:9227-4, ChEMBL-

Cells:CHEMBL3307840, ChEMBL-Targets:CHEMBL613998, CLS:305087, Cosmic:907317, Cosmic:918525, Cosmic:929523, Cosmic:1123338, Cosmic:1581073, Cosmic:1876252, Cosmic:2267699, Cosmic:2395002, Cosmic:2650630, Cosmic:2698434, Cosmic-CLP:907317, DepMap:ACH-000855, DSMZ:ACC-375, DSMZCellDive:ACC-375, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:907317, GEO:GSM718289, GEO:GSM827545, GEO:GSM887248, GEO:GSM888323, GEO:GSM1670017, IARC_TP53:21448, JCRB:JCRB1095, LiGeA:CCLE_818, LINCS_HMS:50025, LINCS_LDP:LCL-1548, PharmacoDB:KYSE150_802_2019, PRIDE:PXD030304, Progenetix:CVCL_1348, PubChem_Cell_line:CVCL_1348, Ubigene:YC-B002, Wikidata:Q54900805

ID: CVCL_1348

Record Creation Time: 20250131T201156+0000

Record Last Update: 20250131T202716+0000

Ratings and Alerts

No rating or validation information has been found for KYSE-150.

Warning: Discontinued: JCRB; JCRB1095
Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: shRNA library screening., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Population: Japanese., 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 344 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Han L, et al. (2024) Periplcymarin targets glycolysis and mitochondrial oxidative phosphorylation of esophageal squamous cell carcinoma: Implication in anti-cancer therapy. Phytomedicine : international journal of phytotherapy and phytopharmacology, 128, 155539.

Lin X, et al. (2024) Efficacy of the induced pluripotent stem cell derived and engineered CD276-targeted CAR-NK cells against human esophageal squamous cell carcinoma. Frontiers in immunology, 15, 1337489.

Zhang R, et al. (2024) Plasma CircCYP24A1 as a Novel Biomarker of Esophageal Squamous Cell Carcinoma. Technology in cancer research & treatment, 23, 15330338241295313.

Zhang C, et al. (2024) Re-evaluation of the relationship between PrPc expression and patient prognosis in primary esophageal squamous cell carcinoma and primary hepatocellular carcinoma. Scientific reports, 14(1), 31122.

Gu L, et al. (2024) Systematical identification of key genes and regulatory genetic variants associated with prognosis of esophageal squamous cell carcinoma. Molecular carcinogenesis.

Yuan Q, et al. (2024) Domperidone inhibits cell proliferation via targeting MEK and CDK4 in esophageal squamous cell carcinoma. Cancer cell international, 24(1), 114.

Jin Y, et al. (2024) The m6A modification of ACSL4 mRNA sensitized esophageal squamous cell carcinoma to irradiation via accelerating ferroptosis. Cell biology international.

Shi Q, et al. (2024) Phospholipase PLCE1 Promotes Transcription and Phosphorylation of MCM7 to Drive Tumor Progression in Esophageal Cancer. Cancer research, 84(4), 560.

Cao K, et al. (2024) Analysis of multiple programmed cell death-related prognostic genes and functional validations of necroptosis-associated genes in oesophageal squamous cell carcinoma. EBioMedicine, 99, 104920.

Niu S, et al. (2024) PTPN23[Thr] variant reduces susceptibility and tumorigenesis in esophageal squamous cell carcinoma through dephosphorylation of EGFR. Cancer letters, 592, 216936.

Li M, et al. (2023) 4?Methoxydalbergione inhibits esophageal carcinoma cell proliferation and migration by inactivating NF??B. Oncology reports, 49(2).

Wang JL, et al. (2023) Silencing UBQLN2 Enhances the Radiosensitivity of Esophageal Squamous Cell Carcinoma (ESCC) via Activating p38 MAPK. Journal of oncology, 2023, 2339732.

Guan H, et al. (2023) Long non-coding RNA ESCCAL-1/miR-590/LRP6 signaling pathway participates in the progression of esophageal squamous cell carcinoma. Cancer medicine, 12(1), 445.

Liu X, et al. (2023) Dasabuvir suppresses esophageal squamous cell carcinoma growth in vitro and in vivo through targeting ROCK1. Cell death & disease, 14(2), 118.

Ma N, et al. (2023) PES1 reduces CD8+ T cell infiltration and immunotherapy sensitivity via

interrupting ILF3-IL15 complex in esophageal squamous cell carcinoma. Journal of biomedical science, 30(1), 20.

Chen L, et al. (2023) RBM4 dictates ESCC cell fate switch from cellular senescence to glutamine-addiction survival through inhibiting LKB1-AMPK-axis. Signal transduction and targeted therapy, 8(1), 159.

Li H, et al. (2023) CDCA7 promotes TGF-?-induced epithelial-mesenchymal transition via transcriptionally regulating Smad4/Smad7 in ESCC. Cancer science, 114(1), 91.

Li L, et al. (2023) Integrative proteogenomic characterization of early esophageal cancer. Nature communications, 14(1), 1666.

Cai S, et al. (2023) Transcription Activation of Rab8A by PEA3 Augments Progression of Esophagus Cancer by Activating the Wnt/?-Catenin Signaling Pathway. Disease markers, 2023, 8143581.

Chu Q, et al. (2023) Repurposing a tricyclic antidepressant in tumor and metabolism disease treatment through fatty acid uptake inhibition. The Journal of experimental medicine, 220(3).