Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Jun 30, 2024

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)

Description: Cell line KYSE-150 is a Cancer cell line with a species of origin Homo sapiens (Human)

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: 20220427T220712+0000

Record Last Update: 20240503T074611+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 337 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.

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.

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.

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.

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.

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.

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

Xu R, et al. (2023) Circular RNA circ-TNRC6B inhibits the proliferation and invasion of esophageal squamous cell carcinoma cells by regulating the miR-452-5p/DAG1 axis. Molecular oncology, 17(7), 1437.

Xie X, et al. (2023) BACH1-induced ferroptosis drives lymphatic metastasis by repressing the biosynthesis of monounsaturated fatty acids. Cell death & disease, 14(1), 48.

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).

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

Cheng J, et al. (2023) RNF6 activates TGF-?1/c-Myb pathway to promote EMT in esophageal squamous cell carcinoma. Frontiers in oncology, 13, 1081333.

Duan X, et al. (2023) Bioinformatics analysis of necroptosis?related lncRNAs and immune infiltration, and prediction of the prognosis of patients with esophageal carcinoma. Experimental and therapeutic medicine, 26(1), 331.

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.

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

Liu F, et al. (2023) A demonstration based on multi-omics transcriptome sequencing data revealed disulfidptosis heterogeneity within the tumor microenvironment of esophageal squamous cell carcinoma. Discover. Oncology, 14(1), 96.