Resource Summary Report

Generated by NIF on Sep 12, 2026

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

Disease: Esophageal squamous cell carcinoma

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: 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

Organism: Homo sapiens (Human)

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: 20260905T180957+0000

Ratings and Alerts

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

Warning: Discontinued: JCRB; JCRB1095
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 366 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Xiong K, et al. (2026) KRT15 identified by scRNA-Seq and machine learning as stemness regulator and prognostic biomarker in ESCC. iScience, 29(4), 115020.

Liao H, et al. (2026) Ectopic CD11c Drives SMAD3-Mediated Aberrant Antigen Presentation and Epithelial-Mesenchymal Transition in Esophageal Squamous Cell Carcinoma. Cancer communications (London, England), 46, 0014.

Chen Y, et al. (2026) PDIA6 promotes the cell proliferation of ESCC by enhancing the disulfide bond formation in TRAF4. Cellular & molecular biology letters, 31(1).

Zhu L, et al. (2026) A Circulating GPNMB-Based Multimodal Model Integrates Tumor-Immune Crosstalk to Predict Immunotherapy Response in Esophageal Cancer. Cancer discovery, 16(7), 1360.

Fang X, et al. (2026) The AGPS regulatory variant rs113671272 confers esophageal squamous cell carcinoma susceptibility through allele-specific MEIS3 binding and NF-??B

activation in Chinese populations. EBioMedicine, 127, 106249.

Meng L, et al. (2026) The TNRC6B/circTNRC6B axis drives lymphovascular invasion and metastasis through an intragenic self-degradation loop. Cell reports, 45(7), 117606.

Ma J, et al. (2026) Alcohol-Induced Metabolic Stress Sensed by m6A-Modified ChREBP Drives Immune Evasion in Esophageal Carcinogenesis. Cancer research.

Yan H, et al. (2026) Integrative Transcriptomic and Single-Cell Analyses Identify ATP1A1 as a Prognostic and Immune-Associated Factor in Esophageal Cancer. International journal of genomics, 2026, 1461834.

Minghong Z, et al. (2026) Anlotinib inhibits esophageal cancer malignancy by ameliorating the immune microenvironment. Discover oncology, 17(1), 320.

Li X, et al. (2026) Spatio-Temporal Proteomic Landscape Reveals Early Warning Signals of Esophageal Squamous Cell Carcinoma Progression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e14343.

Wu J, et al. (2026) A Noncanonical RNA-Binding Function of NQO1 Drives Angiogenesis in Esophageal Squamous Cell Carcinoma via Extracellular Vesicle-Mediated AGRN Transfer. Cancer research, 86(12), 2951.

Chen RX, et al. (2026) NIPAL1 Drives a Metabolic-Epigenetic Feedback Loop to Promote Lactate-Mediated Immune Evasion in Esophageal Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(29), e20055.

Han T, et al. (2026) ID4 Suppresses Proliferation and Macrophage Polarization in Esophageal Carcinoma through Interaction with TCF4. Molecular cancer research : MCR, 24(6), 458.

Yuan H, et al. (2026) Clinofibrate Disrupts the SNORA80B/YTHDC1-Driven M6A Modification to Suppress Cholesterol Metabolism and Cisplatin Resistance in ESCC. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(3), e09574.

Lung BC, et al. (2026) Patient-derived organoid xenografts model esophageal cancer cachexia and enable assessment of anti-inflammatory drug repositioning. iScience, 29(2), 114638.

Sun Z, et al. (2026) Development of a prognostic prediction model incorporating KDM1B for esophageal squamous cell carcinoma: an integrated transcriptomic and functional analysis. Journal of gastrointestinal oncology, 17(3), 131.

Ding Y, et al. (2025) SRPK1 Activation Facilitates Gli3S664 Phosphorylation and Promotes Metastasis in Esophageal Squamous Cell Carcinoma. Molecular carcinogenesis, 64(7), 1168.

Xue F, et al. (2025) CRISPR/Cas9 Screening Highlights PFKFB3 Gene as a Major Contributor to 5-Fluorouracil Resistance in Esophageal Cancer. Cancers, 17(10).

Zou G, et al. (2025) Role of PLEKHA7 in promoting radioresistance in esophageal cancer cells via the inhibition of cuproptosis. Journal of thoracic disease, 17(6), 4219.

Zhang D, et al. (2025) Senolytic elimination of therapy-induced senescent cells by ABT-263 improves chemotherapeutic efficacy in esophageal squamous cell carcinoma. Biochemical pharmacology, 245, 117659.