

Resource Summary Report

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KYSE-410

RRID:CVCL_1352

Type: Cell Line

Proper Citation

RRID:CVCL_1352

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1352

Proper Citation: RRID:CVCL_1352

Description: Cell line KYSE-410 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Esophageal squamous cell carcinoma

Defining Citation: [PMID:1728357](#), [PMID:7913084](#), [PMID:9033652](#), [PMID:11092977](#), [PMID:11520067](#), [PMID:12963126](#), [PMID:15172977](#), [PMID:16045545](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25877200](#), [PMID:26699196](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

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-410

Synonyms: KYSE 410, KYSE410, Kyse410, KYSE0410

Cross References: CLO:CLO_0007133, EFO:EFO_0022509, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:575, BioSample:SAMN03470945, BioSample:SAMN10987801, cancercellines:CVCL_1352, Cell_Model_Passport:SIDM01028, CGH-DB:286-1, CGH-DB:9235-4, ChEMBL-Cells:ChEMBL3308754, ChEMBL-Targets:ChEMBL1075487, CLS:305122, Cosmic:753574, Cosmic:918533, Cosmic:929526, Cosmic:1123341, Cosmic:2267701, Cosmic:2650634, Cosmic:2698442, Cosmic-CLP:753574,

DepMap:ACH-000809, DSMZ:ACC-381, DSMZCellDive:ACC-381, ECACC:94072023, EGA:EGAS00001000978, GDSC:753574, GEO:GSM827541, GEO:GSM887252, GEO:GSM888327, GEO:GSM1670021, IARC_TP53:21451, IARC_TP53:30211, JCRB:JCRB1419, LiGeA:CCLE_896, LINCX_LDP:LCL-1554, PharmacDB:KYSE410_807_2019, PRIDE:PXD002486, PRIDE:PXD030304, Progenetix:CVCL_1352, PubChem_Cell_line:CVCL_1352, Wikidata:Q54900830

ID: CVCL_1352

Record Creation Time: 20220427T220712+0000

Record Last Update: 20260905T180958+0000

Ratings and Alerts

No rating or validation information has been found for KYSE-410.

No alerts have been found for KYSE-410.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

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.

Yuan DJ, et al. (2026) Genotype-to-Phenotype Mapping of Somatic Clonal Mosaicism via Single-Cell Co-Capture of DNA Mutations and mRNA Transcripts. *Cancer discovery*, 16(4), 721.

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).

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.

Zheng X, et al. (2026) Integrative bioinformatics and experiments identify RIBC2 as a key regulator in the esophageal cancer. *PloS one*, 21(2), e0340850.

Ni Q, et al. (2025) Modification-specific Proteomic Analysis Reveals Cysteine S-Palmitoylation Involved in Esophageal Cancer Cell Radiation. *ACS omega*, 10(1), 1541.

Chen QR, et al. (2025) CKAP5 promotes progression and cisplatin resistance in esophageal squamous cell carcinoma via microtubule-mediated YAP activation. *Life sciences*, 376, 123724.

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.

Gao W, et al. (2024) Enhancer demethylation-regulated gene score identified molecular subtypes, inspiring immunotherapy or CDK4/6 inhibitor therapy in oesophageal squamous cell carcinoma. *EBioMedicine*, 105, 105177.

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

Hofman DA, et al. (2024) Translation of non-canonical open reading frames as a cancer cell survival mechanism in childhood medulloblastoma. *Molecular cell*, 84(2), 261.

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.

Xu WW, et al. (2023) Genome-wide CRISPR/Cas9 screening identifies a targetable MEST-PURA interaction in cancer metastasis. *EBioMedicine*, 92, 104587.

Liang L, et al. (2023) Fibroblasts in metastatic lymph nodes confer cisplatin resistance to ESCC tumor cells via PI16. *Oncogenesis*, 12(1), 50.

Hofman DA, et al. (2023) Translation of non-canonical open reading frames as a cancer cell survival mechanism in childhood medulloblastoma. *bioRxiv : the preprint server for biology*.

Cai J, et al. (2023) Androgen Receptor/AP-1 Activates UGT2B15 Transcription to Promote Esophageal Squamous Cell Carcinoma Invasion. *Cancers*, 15(24).

Zhao N, et al. (2023) DNA damage repair profiling of esophageal squamous cell carcinoma uncovers clinically relevant molecular subtypes with distinct prognoses and therapeutic vulnerabilities. *EBioMedicine*, 96, 104801.

Xia Q, et al. (2023) A protein complex of LCN2, LOXL2 and MMP9 facilitates tumour metastasis in oesophageal cancer. *Molecular oncology*, 17(11), 2451.

Li Y, et al. (2021) Transcriptomics based multi-dimensional characterization and drug screen in esophageal squamous cell carcinoma. *EBioMedicine*, 70, 103510.

Kwak AW, et al. (2020) Licochalcone H Synthesized by Modifying Structure of Licochalcone C Extracted from *Glycyrrhiza inflata* Induces Apoptosis of Esophageal Squamous Cell Carcinoma Cells. *Cell biochemistry and biophysics*, 78(1), 65.