

Resource Summary Report

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FaDu

RRID:CVCL_1218

Type: Cell Line

Proper Citation

RRID:CVCL_1218

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1218

Proper Citation: RRID:CVCL_1218

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

Sex: Male

Disease: Hypopharyngeal squamous cell carcinoma

Defining Citation: [PMID:327080](#), [PMID:833871](#), [PMID:1394225](#), [PMID:2990217](#), [PMID:3138611](#), [PMID:3518877](#), [PMID:4332311](#), [PMID:6935474](#), [PMID:7459858](#), [PMID:8552396](#), [PMID:9815580](#), [PMID:11799138](#), [PMID:17848307](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21314983](#), [PMID:21833476](#), [PMID:21868764](#), [PMID:22460905](#), [PMID:23613873](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25888065](#), [PMID:26122845](#), [PMID:26589293](#), [PMID:26754630](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:28476783](#), [PMID:28844650](#), [PMID:29156801](#), [PMID:30135316](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31541927](#), [PMID:31978347](#), [PMID:33802339](#), [PMID:34249502](#), [PMID:35839778](#), [PMID:36912284](#)

Comments: Population: Indian., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., 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: FaDu

Synonyms: FaDU, FADU, JHU-SCC-FaDu

Cross References: BTO:BTO_0003233, CLO:CLO_0002993, EFO:EFO_0002178, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-43, BCRC:60214, BCRJ:0301, BioGRID_ORCS_Cell_line:676, BioSample:SAMN03471972, BioSample:SAMN10987898, cancercellines:CVCL_1218, CCRID:3101HUMTCHu132, Cell_Model_Passport:SIDM00860, ChEMBL-Cells:ChEMBL3307943, ChEMBL-Targets:ChEMBL612250, CLS:305033, Cosmic:686975, Cosmic:906863, Cosmic:921832, Cosmic:1006466, Cosmic:1017792, Cosmic:1122668, Cosmic:1339914, Cosmic:1530736, Cosmic:1752764, Cosmic:2301587, Cosmic:2592979, Cosmic:2646650, Cosmic:2668290, Cosmic-CLP:906863, DepMap:ACH-000846, DSMZ:ACC-784, DSMZCellDive:ACC-784, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:906863, GEO:GSM482707, GEO:GSM482708, GEO:GSM482709, GEO:GSM482710, GEO:GSM887011, GEO:GSM888080, GEO:GSM1374479, GEO:GSM1374480, GEO:GSM1524310, GEO:GSM1524311, GEO:GSM1524312, GEO:GSM1669791, GEO:GSM5104698, GEO:GSM5104717, IARC_TP53:1681, IGRhCellID:FaDu, KCLB:30043, LiGeA:CCLE_224, LINCS_LDP:LCL-1201, PharmacDB:FADU_365_2019, PRIDE:PXD002132, PRIDE:PXD002486, PRIDE:PXD030304, Progenetix:CVCL_1218, PubChem_Cell_line:CVCL_1218, Wikidata:Q54833221

ID: CVCL_1218

Record Creation Time: 20220427T215842+0000

Record Last Update: 20260829T232630+0000

Ratings and Alerts

No rating or validation information has been found for FaDu.

No alerts have been found for FaDu.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 115 mentions in open access literature.

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

Sato K, et al. (2026) Aberrant Hippo-YAP/TEAD Signaling Drives Malignant Transcriptional Reprogramming in External Auditory Canal Squamous Cell Carcinoma. Cancer research communications, 6(2), 260.

Liang S, et al. (2026) A hypoxia-responsive migrasome-related lncRNA signature predicts prognosis and suggests the MSC-AS1/ITGA5 axis as a potential therapeutic target in head and neck squamous cell carcinoma. Functional & integrative genomics, 26(1).

Sywanycz S, et al. (2026) T2R5 Agonist Phendione Decreases Cell Viability and Induces Apoptosis in Head and Neck Squamous Cell Carcinoma. *Molecular cancer therapeutics*, 25(3), 396.

Nguyen TT, et al. (2026) NN-01-195, a Novel Conjugate of HSP90 and AURKA Inhibitors, Effectively Targets Solid Tumors. *Molecular cancer therapeutics*, 25(8), 1231.

Ding Z, et al. (2026) TRAPPC4 Promotes GPX4 Stability to Drive Ferroptosis Resistance and Tumor Progression in Head and Neck Squamous Cell Carcinoma. *Cancer research*, 86(14), 3436.

Capik O, et al. (2026) CCL26-Mediated Modulation of Endothelial Secretome by Hypoxia-Induced Tumor-Derived Exosomes Enhances Metastatic Progression in Head and Neck Cancer. *Head & neck*, 48(9), 2377.

Hu X, et al. (2026) Immune gene diversity and STING1 variants in shaping cancer immunity across different genetic ancestry populations. *Cell reports*, 45(2), 116882.

Wu H, et al. (2026) USP4-mediated deubiquitination of NOTCH1 inhibits HNSCC progression through regulating oxidative stress and ferroptosis. *International immunopharmacology*, 186, 117071.

Wang G, et al. (2026) Trim15 stabilizes VDAC3 via ubiquitination to suppress autophagy and enhance chemosensitivity in hypopharyngeal squamous cell carcinoma. *Cell death discovery*, 12(1), 88.

Mokari A, et al. (2026) Denoising and Baseline Correction of Low-Scan FTIR Spectra: A Benchmark of Deep Learning Models Against Traditional Signal Processing. *Bioengineering (Basel, Switzerland)*, 13(3).

Li M, et al. (2026) An exosome-biomimetic photothermal nanocarrier for IGF2BP2 siRNA delivery and enhanced ferroptosis in head and neck squamous cell carcinoma. *Materials today. Bio*, 37, 102999.

Lacina L, et al. (2026) Novel soluble bazedoxifene formulation gains antiproliferative and migrastatic effect in squamous cell carcinoma cells. *Scientific reports*, 16(1).

Xu W, et al. (2026) PARD6G mediates resistance to PD-1 immune checkpoint blockade in head and neck squamous cell carcinoma. *International immunopharmacology*, 184, 116949.

Qin C, et al. (2026) RNA sequencing-based evaluation of the mechanisms underlying the liensinine-mediated inhibition of hypopharyngeal cancer proliferation. *The Journal of international medical research*, 54(2), 3000605261419604.

Xu C, et al. (2026) HOMER3 drives oral squamous cell carcinoma progression through TRPV6 calcium influx and TUBB3 microtubule stabilization. *Oncogene*, 45(2), 278.

Yuan X, et al. (2026) *Fusobacterium nucleatum* promotes tumor extravasation and metastasis in head and neck cancer via TLR4/MYB/ESPN axis. *Communications biology*, 9(1).

Dai YG, et al. (2026) Coagulation factor II receptor-like 1 as a prognostic and immunomodulatory factor in head and neck squamous cell carcinoma. *PeerJ*, 14, e20970.

Wegge M, et al. (2026) Hypoxia Induces a Mitotic Survival Advantage After Radiotherapy in Head and Neck Cancer Cells. *International journal of cancer*, 159(4), 1042.

Min Y, et al. (2026) ZBP1 Drives CD8⁺ T cell-mediated anti-tumor immunity in head and neck squamous cell carcinoma. *PLoS genetics*, 22(5), e1012107.

Ly T, et al. (2025) TRIM16 mediates secretory autophagy in head and neck cancer-associated fibroblasts. *Autophagy*, 1.