

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

FTC-133

RRID:CVCL_1219

Type: Cell Line

Proper Citation

RRID:CVCL_1219

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1219

Proper Citation: RRID:CVCL_1219

Description: Cell line FTC-133 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Thyroid gland follicular carcinoma

Defining Citation: [PMID:1384245](#), [PMID:1726925](#), [PMID:2247845](#), [PMID:14522906](#), [PMID:17804723](#), [PMID:18713817](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:23162534](#), [PMID:23833040](#), [PMID:23866977](#), [PMID:24196587](#), [PMID:25675381](#), [PMID:25877200](#), [PMID:25930030](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:29066502](#), [PMID:30737244](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31395879](#), [PMID:34445479](#), [PMID:35839778](#)

Comments: Anecdotal: Have been flown in space on Shenzhou-8 and on the ISS to study growth in microgravity (PubMed=23866977; PubMed=24196587; PubMed=25930030)., Characteristics: Has a near-homozygous genome (NHG) (PubMed=29066502)., Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Space-flown cell line (cellonaut).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: FTC-133

Synonyms: FTC133

Cross References: BTO:BTO_0001889, CLO:CLO_0003402, CLDB:cl1398, CLDB:cl1399, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioSample:SAMN03471027, BioSample:SAMN10987983, cancercellines:CVCL_1219, CCRID:1101HUM-PUMC000687, Cell_Model_Passport:SIDM00213, ChEMBL-Cells:ChEMBL3308732, ChEMBL-Targets:ChEMBL1075445, CLS:305349, Cosmic:906864, Cosmic:928831, Cosmic:1239976, Cosmic:1280044, Cosmic:1507371, Cosmic:1533556, Cosmic:1536124, Cosmic:1889011, Cosmic:2054103, Cosmic:2319848, Cosmic:2791091, Cosmic-CLP:906864, DepMap:ACH-000903, ECACC:94060901, EGA:EGAS00001000978, GDSC:906864, GEO:GSM827308, GEO:GSM887012, GEO:GSM888081, GEO:GSM1669794, IARC_TP53:21332, ICLC:HTL97015, LiGeA:CCLE_543, LINCS_LDP:LCL-1677, PharmacoDB:FTC133_368_2019, PRIDE:PXD030304, Progenetix:CVCL_1219, PubChem_Cell_line:CVCL_1219, Wikidata:Q54835217

ID: CVCL_1219

Record Creation Time: 20220427T215854+0000

Record Last Update: 20260913T003119+0000

Ratings and Alerts

No rating or validation information has been found for FTC-133.

No alerts have been found for FTC-133.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Ablinger C, et al. (2026) Combination of Lenvatinib and Antibiotics: A Potential Approach to Enhance Sensitivity in Differentiated Thyroid Cancer. International journal of cancer.

Hsu YC, et al. (2025) Overexpression of NR1D1 Portends Disease Recurrence in Thyroid Cancer. The Journal of clinical endocrinology and metabolism, 110(4), 991.

Wang F, et al. (2025) TSH Ligand-Based CAR-T Cell Effectively Eradicates TSHR-Positive Thyroid Cancer with Favorable Safety Profile. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e13243.

Li Y, et al. (2022) NCOA3 is a critical oncogene in thyroid cancer via the modulation of major signaling pathways. Endocrine, 75(1), 149.

Sołtys A, et al. (2021) Relationship between Maturity Stage, Triterpenoid Content and Cytotoxicity of *Sorbus intermedia* (EHRH.) PERS. Fruits - A Chemometric Approach. Chemistry & biodiversity, 18(11), e2100552.

Grabowska K, et al. (2021) Serjanic Acid Glycosides from *Chenopodium hybridum* L. with Good Cytotoxicity and Selectivity Profile against Several Panels of Human Cancer Cell Lines. Molecules (Basel, Switzerland), 26(16).

Kaptan E, et al. (2018) The effect of plant lectins on the survival and malignant behaviors of thyroid cancer cells. Journal of cellular biochemistry, 119(7), 6274.

Marlow LA, et al. (2018) Methodology, Criteria, and Characterization of Patient-Matched Thyroid Cell Lines and Patient-Derived Tumor Xenografts. The Journal of clinical endocrinology and metabolism, 103(9), 3169.

Jóźwiak P, et al. (2017) Expression of hypoxia inducible factor 1 α and 2 α and its association with vitamin C level in thyroid lesions. Journal of biomedical science, 24(1), 83.

Kaptan E, et al. (2017) Runt-Related Transcription Factor 2 (Runx2) Is Responsible for Galectin-3 Overexpression in Human Thyroid Carcinoma. Journal of cellular biochemistry, 118(11), 3911.