

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

5-8F

RRID:CVCL_C528

Type: Cell Line

Proper Citation

RRID:CVCL_C528

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_C528

Proper Citation: RRID:CVCL_C528

Description: Cell line 5-8F is a Hybrid cell line with a species of origin Homo sapiens (Human)

Defining Citation: [PMID:12485491](#), [PMID:21122407](#), [PMID:26116706](#)

Comments: Problematic cell line: Contaminated. On the basis of the STR profile (PubMed=26116706) it seems to be a hybrid of HeLa and of cell line of unknown origin. Originally thought to originate from SUNE1 which has also been shown to be contaminated..

Category: Hybrid cell line

Organism: Homo sapiens (Human)

Name: 5-8F

Synonyms: 58F, SUNE-1-5-8F

Cross References: BTO:BTO_0006010, EFO:EFO_0022677, cancercellines:CVCL_C528, Cosmic:1322951, Cosmic:1459415, GEO:GSM375842, Progenetix:CVCL_C528, Wikidata:Q54603663

ID: CVCL_C528

Hierarchy: cvcl_6946

Record Creation Time: 20220427T215055+0000

Record Last Update: 20260905T184329+0000

Ratings and Alerts

No rating or validation information has been found for 5-8F.

Warning: Problematic cell line: Contaminated. On the basis of the STR profile (PubMed=26116706) it seems to be a hybrid of HeLa and of cell line of unknown origin. Originally thought to originate from SUNE1 which has also been shown to be contaminated.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00596.

Problematic cell line: Contaminated. On the basis of the STR profile (PubMed=26116706) it seems to be a hybrid of HeLa and of cell line of unknown origin. Originally thought to originate from SUNE1 which has also been shown to be contaminated..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zeng T, et al. (2025) ANXA1 binds and stabilizes EGFR to promote nasopharyngeal carcinoma radioresistance. Molecular cancer therapeutics.

Deng W, et al. (2025) STIM1 signaling modulates invasive phenotypic plasticity by regulating calpain-dependent cleavage of integrin- $\alpha 4$ in nasopharyngeal carcinoma cells. Cancer cell international, 25(1), 253.

Yang X, et al. (2024) TMEM16A inhibits autophagy and promotes the invasion of hypopharyngeal squamous cell carcinoma through mTOR pathway. Carcinogenesis.

Zheng S, et al. (2023) MTSS1 is downregulated in nasopharyngeal carcinoma (NPC) which disrupts adherens junctions leading to enhanced cell migration and invasion. Frontiers in cell and developmental biology, 11, 1275668.

Wang J, et al. (2022) Nogo-B promotes invasion and metastasis of nasopharyngeal carcinoma via RhoA-SRF-MRTFA pathway. Cell death & disease, 13(1), 76.