# Resource Summary Report

Generated by NIF on Sep 22, 2026

## SF268

RRID:CVCL_1689
Type: Cell Line

### Proper Citation

RRID:CVCL_1689

### Cell Line Information

**URL:** https://web.expasy.org/cellosaurus/CVCL_1689

**Proper Citation:** RRID:CVCL_1689

**Description:** Cell line SF268 is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Disease:** Astrocytoma

**Defining Citation:** PMID:2041050, PMID:2829496, PMID:9331090, PMID:10700174, PMID:15748285, PMID:15900046, PMID:17088437, PMID:18277095, PMID:19365568, PMID:19372543, PMID:20164919, PMID:20215515, PMID:22068913, PMID:22336246, PMID:22347499, PMID:22384151, PMID:22628656, PMID:23856246, PMID:23933261, PMID:24279929, PMID:24670534, PMID:25485619, PMID:25877200, PMID:26589293, PMID:27377824, PMID:27397505, PMID:27807467, PMID:28196595, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31733513, PMID:35839778, PMID:38861359

**Comments:** Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: MD Anderson Cell Lines Project., Part of: JFCR39 cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Possibly misidentified. Presence of a Y chromosome in cell line that was thought to be of female origin (STR profile)..

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** SF268

**Synonyms:** SF-268, SF_268, SF.268, SF 268

**Cross References:** BTO:BTO_0003772, CLO:CLO_0009902, EFO:EFO_0005451, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioSample:SAMN03471159, BioSample:SAMN10989591, cancercelllines:CVCL_1689, Cell_Model_Passport:SIDM00085, ChEMBL-Cells:CHEMBL3307499, ChEMBL-Targets:CHEMBL613977, Cosmic:687581, Cosmic:905986, Cosmic:974239, Cosmic:1092629, Cosmic:1175815, Cosmic:1305358, Cosmic:1436039, Cosmic:1998472, Cosmic:2367544, Cosmic:2550357, Cosmic-CLP:905986, DepMap:ACH-000655, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:905986, GEO:GSM2108, GEO:GSM50175, GEO:GSM50239, GEO:GSM743435, GEO:GSM750787, GEO:GSM750790, GEO:GSM799323, GEO:GSM799386, GEO:GSM844680, GEO:GSM844681, GEO:GSM847112, GEO:GSM1153392, GEO:GSM1178595, GEO:GSM1178596, GEO:GSM1181244, GEO:GSM1181320, GEO:GSM1670417, GEO:GSM2124648, IARC_TP53:5710, LiGeA:CCLE_636, LINCS_LDP:LCL-1389, NCI-DTP:SF-268, PharmacoDB:SF268_1367_2019, PRIDE:PXD003539, PRIDE:PXD005942, PRIDE:PXD005946, PRIDE:PXD030304, Progenetix:CVCL_1689, PubChem_Cell_line:CVCL_1689, SKY/M-FISH/CGH:2819, Wikidata:Q54952917

**ID:** CVCL_1689

**Record Creation Time:** 20220427T221537+0000

**Record Last Update:** 20260920T005731+0000

## Ratings and Alerts

No rating or validation information has been found for SF268.

Warning: Problematic cell line: Possibly misidentified. Presence of a Y chromosome in cell line that was thought to be of female origin (STR profile).
Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: MD Anderson Cell Lines Project., Part of: JFCR39 cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Possibly misidentified. Presence of a Y chromosome in cell line that was thought to be of female origin (STR profile)..

## Data and Source Information

**Source:** Cellosaurus

## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhang B, et al. (2026) Mitochondrial protein carboxyl-terminal alanine-threonine tailing promotes human glioblastoma growth by regulating mitochondrial function. eLife, 13.

Zhu T, et al. (2025) Endogenous YAP/TAZ partitioning in TEAD condensates orchestrates the Hippo response. Molecular cell.

Yang H, et al. (2025) 7???I, a structurally modified sinomenine, exerts dual anti-GBM effects by inhibiting glioblastoma proliferation and inducing necroptosis which further mediates lysosomal cell death. British journal of pharmacology, 182(10), 2310.

Cornelissen FMG, et al. (2025) Combined Inactivation of MEK and mTOR Can Lead to Synergistic Cell Death in Glioblastoma Models and Associates with NF1 Deficiency and a Mesenchymal Subtype. Molecular cancer therapeutics, 24(12), 1878.

Kunkel MW, et al. (2024) HTS384 NCI60: The Next Phase of the NCI60 Screen. Cancer research, 84(15), 2403.

Kao YT, et al. (2023) Zika virus cleaves GSDMD to disseminate prognosticable and controllable oncolysis in a human glioblastoma cell model. Molecular therapy oncolytics, 28, 104.

Zhang M, et al. (2020) Novel Immune-Related Gene Signature for Risk Stratification and Prognosis of Survival in Lower-Grade Glioma. Frontiers in genetics, 11, 363.

Zhang M, et al. (2020) Prognostic Value of a Stemness Index-Associated Signature in Primary Lower-Grade Glioma. Frontiers in genetics, 11, 441.