Resource Summary Report

Generated by RRID on Sep 2, 2026

STS-26T

RRID:CVCL_8917
Type: Cell Line

Proper Citation

RRID:CVCL_8917

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_8917

Proper Citation: RRID:CVCL_8917

Description: Cell line STS-26T is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Melanoma

Defining Citation: PMID:8094415, PMID:9766530, PMID:16239399, PMID:16510576, PMID:21084276, PMID:22346343, PMID:23437333, PMID:24726063, PMID:28469964, PMID:28556483, PMID:32076030, PMID:32642732, PMID:33707600, PMID:34059954, PMID:36818284, PMID:37798904

Comments: Karyotypic information: Average ploidy of 4.05 (PubMed=36818284)., Characteristics: Tumorigenic (PubMed=37798904)., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a malignant peripheral nerve sheath tumor (MPNST) but shown to be from a melanoma (PubMed=36818284). This is based on a number of criteria such as the result of a methylome-based classifier, immunofluorescence of cell identity markers (SOX9, SOX10, S100B) the presence of a functional PRC2 complex and of the BRAF V600E mutation. It also exhibits a much higher mutation frequency than other MPNST cell lines..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: STS-26T

Synonyms: STS-26 T, STS26T, STS26

Cross References: BTO:BTO_0003226, EFO:EFO_0006296, Cosmic:1644551, Cosmic:1801813, Cosmic:2307728, DepMap:ACH-002695, Wikidata:Q54970640

ID: CVCL_8917

Record Creation Time: 20220427T221611+0000

Record Last Update: 20260830T000033+0000

Ratings and Alerts

No rating or validation information has been found for STS-26T.

No alerts have been found for STS-26T.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Magallón-Lorenz M, et al. (2023) Deep genomic analysis of malignant peripheral nerve sheath tumor cell lines challenges current malignant peripheral nerve sheath tumor diagnosis. iScience, 26(2), 106096.

Creus-Bachiller E, et al. (2023) Expanding a precision medicine platform for malignant peripheral nerve sheath tumors: New patient-derived orthotopic xenografts, cell lines and tumor entities. Molecular oncology.

Kohlmeyer JL, et al. (2023) CDK4/6-MEK Inhibition in MPNSTs Causes Plasma Cell Infiltration, Sensitization to PD-L1 Blockade, and Tumor Regression. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(17), 3484.

Zhang X, et al. (2022) Single-cell sequencing reveals activation of core transcription factors in PRC2-deficient malignant peripheral nerve sheath tumor. Cell reports, 40(12), 111363.

Magallón-Lorenz M, et al. (2021) Chromosomal translocations inactivating CDKN2A support a single path for malignant peripheral nerve sheath tumor initiation. Human genetics, 140(8), 1241.

Kohlmeyer JL, et al. (2020) RABL6A Is an Essential Driver of MPNSTs that Negatively Regulates the RB1 Pathway and Sensitizes Tumor Cells to CDK4/6 Inhibitors. Clinical cancer research : an official journal of the American Association for Cancer Research, 26(12), 2997.

Patel AV, et al. (2016) An ShRNA Screen Identifies MEIS1 as a Driver of Malignant Peripheral Nerve Sheath Tumors. EBioMedicine, 9, 110.