

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 17, 2025

SF7761

RRID:CVCL_IT45

Type: Cell Line

Proper Citation

(RRID:CVCL_IT45)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_IT45

Proper Citation: (RRID:CVCL_IT45)

Sex: Female

Defining Citation: [PMID:22983601](#), [PMID:23603901](#), [PMID:25939062](#), [PMID:26115193](#), [PMID:32229503](#), [PMID:34732238](#)

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: CNV analysis.

Category: Telomerase immortalized cell line

Name: SF7761

Cross References: Cosmic:1925952, GEO:GSM1508943, GEO:GSM1508944, GEO:GSM1508945, GEO:GSM1508946, GEO:GSM1508947, GEO:GSM1508948, GEO:GSM1508951, GEO:GSM5434618, GEO:GSM5434619, GEO:GSM5434620, GEO:GSM5434621, GEO:GSM5434622, GEO:GSM5434623, GEO:GSM5434624, GEO:GSM5434625, GEO:GSM5434626, GEO:GSM5434627, GEO:GSM5434628, GEO:GSM5434629, Millipore:SCC126, Wikidata:Q54952936

ID: CVCL_IT45

Record Creation Time: 20250131T202611+0000

Record Last Update: 20250131T204530+0000

Ratings and Alerts

No rating or validation information has been found for SF7761.

No alerts have been found for SF7761.

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 [FDI Lab - SciCrunch.org](#).

Day CA, et al. (2024) The histone H3.3 K27M mutation suppresses Ser31phosphorylation and mitotic fidelity, which can directly drive gliomagenesis. *Current biology : CB*.

Sharma M, et al. (2024) Targeting DNA Repair and Survival Signaling in Diffuse Intrinsic Pontine Gliomas to Prevent Tumor Recurrence. *Molecular cancer therapeutics*, 23(1), 24.

Venneti S, et al. (2023) Clinical Efficacy of ONC201 in H3K27M-Mutant Diffuse Midline Gliomas Is Driven by Disruption of Integrated Metabolic and Epigenetic Pathways. *Cancer discovery*, 13(11), 2370.

Mota M, et al. (2023) Targeting SWI/SNF ATPases in H3.3K27M diffuse intrinsic pontine gliomas. *Proceedings of the National Academy of Sciences of the United States of America*, 120(18), e2221175120.

Dahl NA, et al. (2020) Super Elongation Complex as a Targetable Dependency in Diffuse Midline Glioma. *Cell reports*, 31(1), 107485.

Chung C, et al. (2020) Integrated Metabolic and Epigenomic Reprograming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. *Cancer cell*, 38(3), 334.

Fang D, et al. (2018) H3.3K27M mutant proteins reprogram epigenome by sequestering the PRC2 complex to poised enhancers. *eLife*, 7.