

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

Flp-In-T-REx-293

RRID:CVCL_U427

Type: Cell Line

Proper Citation

RRID:CVCL_U427

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_U427

Proper Citation: RRID:CVCL_U427

Description: Cell line Flp-In-T-REx-293 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Characteristics: Contains a single stably integrated FRT site at a transcriptionally active genomic locus (Thermo Fisher).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: Flp-In-T-REx-293

Synonyms: Flp-In-T-REx 293, Flp-In T-REx-293, Flp-In T-REx 293, Flp-In T-Rex HEK293, Flp-In 293 T-Rex, Flp-In-T-REx, 293-Flip-in-TRex, HEK293 Flp-In T-REx, HEK293FlpIN, 293FlpIn T-Rex

Cross References: BTO:BTO_0006149, EFO:EFO_0022682, ENCODE:ENCBS749QJL, GEO:GSM1009421, MetaboLights:MTBLS61, PRIDE:PXD002127, PRIDE:PXD030782, Wikidata:Q54835011

ID: CVCL_U427

Hierarchy: cvcl_d585

Record Creation Time: 20220427T215850+0000

Record Last Update: 20260808T235843+0000

Ratings and Alerts

No rating or validation information has been found for Flp-In-T-REx-293.

No alerts have been found for Flp-In-T-REx-293.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 522 mentions in open access literature.

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

Tsai MC, et al. (2026) Functional Validation of a Novel PBX1 Missense Variant in a 46,XY Girl. Sexual development : genetics, molecular biology, evolution, endocrinology, embryology, and pathology of sex determination and differentiation, 20(1-6), 45.

Pereira de Castro KL, et al. (2026) Competition for the conserved branch point sequence influences physiological outcomes in pre-mRNA splicing. eLife, 13.

Tesfamariam YM, et al. (2026) Poxvirus dsDNA genomes differentially activate AIM2 or NLRP3 inflammasomes in human primary cells. The EMBO journal, 45(5), 1728.

Kurscheidt K, et al. (2026) Composite SMG5-SMG6 PIN domain formation is essential for NMD. Nature communications, 17(1).

Hossain MS, et al. (2026) Dynamic regulation of origin firing factors links CDK activity to dormant origin activation. Nature communications, 17(1).

Squair DR, et al. (2026) ZNFX1 uses two-component ubiquitin circuitry to quarantine viral RNA. Molecular cell, 86(6), 1164.

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. Cell, 189(3), 765.

Wang K, et al. (2026) CAND1 and CAND2 drive CUL4 substrate receptor exchange with largely comparable biochemical efficiency, unlike their relative effects on CUL1. Structure (London, England : 1993), 34(6), 963.

Kueckelmann S, et al. (2026) SMG1:SMG8:SMG9-complex integrity supports efficient execution of nonsense-mediated mRNA decay. Nucleic acids research, 54(5).

Iselin L, et al. (2026) RNA binding as an emerging regulatory dimension in the type I IFN response. Cell reports, 45(4), 117174.

Yousefi R, et al. (2025) A microscopy-based screen identifies cellular kinases modulating mitochondrial translation. Cell reports, 44(1), 115143.

Fedoryshchak RO, et al. (2025) PDZ-directed substrate recruitment is the primary determinant of specific 4E-BP1 dephosphorylation by PP1-Neurabin. *eLife*, 13.

Boehm V, et al. (2025) Rapid UPF1 depletion illuminates the temporal dynamics of the NMD-regulated human transcriptome. *Molecular cell*.

Yek KQ, et al. (2025) Legionella effector LpPIP recruits protein phosphatase 1 to the mitochondria to induce dephosphorylation of outer membrane proteins. *PLoS biology*, 23(7), e3003261.

Ranjan R, et al. (2025) N-glycosylation modulates the inactivation kinetics of the Kv3.4 ion channel. *iScience*, 28(9), 113409.

Carrillo Roas S, et al. (2025) Convergence of orphan quality control pathways at a ubiquitin chain-elongating ligase. *Molecular cell*, 85(4), 815.

Tseng PL, et al. (2025) Mechanical control of the alternative splicing factor PTBP1 regulates extracellular matrix stiffness induced proliferation and cell spreading. *iScience*, 28(4), 112273.

Cheng F, et al. (2025) Proteomics Analysis of the TDP-43 Interactome in Cellular Models of ALS Pathogenesis. *Journal of neurochemistry*, 169(5), e70079.

Li H, et al. (2025) PEX14 acts as a molecular link between optineurin and the autophagic machinery to induce pexophagy. *The Journal of cell biology*, 224(11).

Wang K, et al. (2025) Molecular mechanisms of CAND2 in regulating SCF ubiquitin ligases. *Nature communications*, 16(1), 1998.