

Resource Summary Report

Generated by [NIF](#) on Aug 4, 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: 20260802T000252+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 512 mentions in open access literature.

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

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*.

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

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

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

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.

Wolfsberg E, et al. (2025) Machine-guided dual-objective protein engineering for deimmunization and therapeutic functions. *Cell systems*, 16(7), 101299.

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

Tseng PL, et al. (2025) Protocol to identify mechanosensitive nuclear proteins using tunable actomyosin contractility and proximity biotinylation in mammalian cells. *STAR protocols*, 7(1), 104288.

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

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.

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).

Malaymar Pinar D, et al. (2025) Nuclear Factor I Family Members are Key Transcription Factors Regulating Gene Expression. *Molecular & cellular proteomics : MCP*, 24(1), 100890.

Ho JJ, et al. (2025) The BLM-TOP3A-RMI1-RMI2 proximity map reveals that RAD54L2 suppresses sister chromatid exchanges. *EMBO reports*, 26(5), 1290.

Gerlach J, et al. (2025) The CHCHD2-CHCHD10 protein complex is modulated by mitochondrial dysfunction and alters lipid homeostasis in the mouse brain. *Cell death & disease*, 16(1), 693.

Shchepinova MM, et al. (2025) Spatiotemporally resolved GPCR interactome uncovers unique mediators of receptor agonism. *Cell chemical biology*, 32(5), 722.

Garcia AM, et al. (2025) High-throughput screening identifies a novel small-molecule modulator of Hsp70 that selectively enhances ubiquitination and degradation of misfolded neuronal NO synthase. *Molecular pharmacology*, 107(2), 100008.

Wang K, et al. (2024) CAND1 inhibits Cullin-2-RING ubiquitin ligases for enhanced substrate specificity. *Nature structural & molecular biology*, 31(2), 323.

Noguchi K, et al. (2024) Multi-omics analysis using antibody-based in situ biotinylation technique suggests the mechanism of Cajal body formation. *Cell reports*, 43(9), 114734.

Lacoste J, et al. (2024) Pervasive mislocalization of pathogenic coding variants underlying human disorders. *Cell*, 187(23), 6725.