

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

T-REx-293

RRID:CVCL_D585

Type: Cell Line

Proper Citation

RRID:CVCL_D585

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D585

Proper Citation: RRID:CVCL_D585

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

Sex: Female

Comments: Biotechnology: Used for the production of the AstraZeneca SARS-CoV-2 (COVID-19) vaccine (Trade name: Vaxzevria; also known as ChAdOx1-SARS-COV-2 or AZD1222) (DrugBank=DB15656). In the context of the vaccine production, the tetR repressor blocks the expression of the SARS-CoV-2 spike protein gene during production of the recombinant adenoviral vector, thereby optimising vector production., Part of: ENCODE project common cell types; tier 3., Group: Vaccine production cell line.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: T-REx-293

Synonyms: T-REx 293, T-REx293, TRex-293, TREx293, T-REx-HEK293, T-REx HEK 293, HEK293-T-REx, HEK293-Trex

Cross References: BTO:BTO_0005238, CLO:CLO_0037238, Wikidata:Q54971367

ID: CVCL_D585

Hierarchy: cvcl_0045

Record Creation Time: 20220427T221617+0000

Record Last Update: 20260905T182528+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 204 mentions in open access literature.

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

Micka M, et al. (2026) A Wnt-induced conformational phospho-switch in DVL3 controls association with Frizzled receptors and Wnt/?-catenin signaling. Science advances, 12(20), eaed8899.

Li K, et al. (2026) A nonhydrolyzable candesartan cilexetil analog reveals synergistic activation as a tractable mechanism for TMEM175 modulation. American journal of physiology. Cell physiology, 331(2), C415.

Cuneo MJ, et al. (2026) Large-scale quaternary structural transitions underlie gain of function of SPOP cancer mutations. Molecular cell.

Deuschmeyer VE, et al. (2025) SIAH3 is frequently epigenetically silenced in cancer and regulates mitochondrial metabolism. International journal of cancer, 156(2), 353.

Samardzija P, et al. (2025) Defining the interactome of the pancreas-specific SPCA2 isoform (SPCA2C) identifies unique links to store-operated Ca²⁺ entry. The FEBS journal.

Arroyo Villora S, et al. (2025) Epigenetic silencing and CRISPR-mediated reactivation of tight junction protein claudin10b (CLDN10B) in renal cancer. Clinical epigenetics, 17(1), 102.

Samer C, et al. (2024) Multi-targeted loss of the antigen presentation molecule MR1 during HSV-1 and HSV-2 infection. iScience, 27(2), 108801.

Borghi F, et al. (2024) A mammalian model reveals inorganic polyphosphate channeling into the nucleolus and induction of a hyper-condensate state. Cell reports methods, 4(7), 100814.

Raina K, et al. (2024) Regulated induced proximity targeting chimeras-RIPTACs-A heterobifunctional small molecule strategy for cancer selective therapies. Cell chemical biology, 31(8), 1490.

Tomuro K, et al. (2024) Calibrated ribosome profiling assesses the dynamics of ribosomal flux on transcripts. *Nature communications*, 15(1), 7061.

Sternburg EL, et al. (2023) Mammalian pumilio proteins control cellular morphology, migration, and adhesion. *Scientific reports*, 13(1), 3002.

Senoo N, et al. (2023) Conserved cardiolipin-mitochondrial ADP/ATP carrier interactions assume distinct structural and functional roles that are clinically relevant. *bioRxiv : the preprint server for biology*.

Perez MA, et al. (2023) Serologic responses to COVID-19 vaccination in children with history of multisystem inflammatory syndrome (MIS-C). *Vaccine*, 41(17), 2743.

Didara Z, et al. (2023) Inhibition of adenovirus replication by CRISPR-Cas9-mediated targeting of the viral E1A gene. *Molecular therapy. Nucleic acids*, 32, 48.

Guo J, et al. (2023) Technical advancement and practical considerations of LC-MS/MS-based methods for host cell protein identification and quantitation to support process development. *mAbs*, 15(1), 2213365.

Amer M, et al. (2023) A coiled-coil-based design strategy for the thermostabilization of G-protein-coupled receptors. *Scientific reports*, 13(1), 10159.

Rhodes-Mordov E, et al. (2023) Diacylglycerol Activates the Drosophila Light Sensitive Channel TRPL Expressed in HEK Cells. *International journal of molecular sciences*, 24(7).

Katz B, et al. (2023) Nociception and pain in humans lacking a functional TRPV1 channel. *The Journal of clinical investigation*, 133(3).

Chuntharpursat-Bon E, et al. (2023) PIEZO1 and PECAM1 interact at cell-cell junctions and partner in endothelial force sensing. *Communications biology*, 6(1), 358.

Oliveri F, et al. (2023) The ubiquitin-like modifier FAT10 is degraded by the 20S proteasome in vitro but not in cellulo. *Life science alliance*, 6(6).