

Resource Summary Report

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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

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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

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

Record Creation Time: 20250131T202740+0000

Record Last Update: 20250131T204720+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 197 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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).

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.

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).

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

Palicharla VR, et al. (2023) Interactions between TULP3 tubby domain and ARL13B amphipathic helix promote lipidated protein transport to cilia. *Molecular biology of the cell*, 34(3), ar18.

Parsonage G, et al. (2023) Improved PIEZO1 agonism through 4-benzoic acid modification of Yoda1. *British journal of pharmacology*, 180(16), 2039.

Cuneo MJ, et al. (2023) Higher-order SPOP assembly reveals a basis for cancer mutant dysregulation. *Molecular cell*, 83(5), 731.

Caragliano E, et al. (2022) Human cytomegalovirus forms phase-separated compartments at viral genomes to facilitate viral replication. *Cell reports*, 38(10), 110469.

Prael iij FJ, et al. (2022) Discovery of Small Molecule KCC2 Potentiators Which Attenuate In Vitro Seizure-Like Activity in Cultured Neurons. *Frontiers in cell and developmental biology*, 10, 912812.

Rostad CA, et al. (2022) Functional Antibody Responses to Severe Acute Respiratory Syndrome Coronavirus 2 Variants in Children With Coronavirus Disease 2019, Multisystem Inflammatory Syndrome in Children, and After Two Doses of BNT162b2 Vaccination. *The Journal of infectious diseases*, 226(7), 1237.