Resource Summary Report

Generated by RRID on Aug 31, 2026

RUES2 HOPX-tdTomato

RRID:CVCL_VM29
Type: Cell Line

Proper Citation

RRID:CVCL_VM29

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_VM29

Proper Citation: RRID:CVCL_VM29

Description: Cell line RUES2 HOPX-tdTomato is a Embryonic stem cell with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: PMID:28813672, PMID:30290179

Comments: Characteristics: Using CRISPR/Cas9 a tdTomato-pA-loxP-PGKp-PuroR-pA-loxP was integrated at the HOPX translational start site.

Category: Embryonic stem cell

Organism: Homo sapiens (Human)

Name: RUES2 HOPX-tdTomato

Synonyms: RUES2 HOPX-td-Tomato

Cross References: Wikidata:Q98129218

ID: CVCL_VM29

Hierarchy: cvcl_b810

Record Creation Time: 20220427T221509+0000

Record Last Update: 20260829T235801+0000

Ratings and Alerts

No rating or validation information has been found for RUES2 HOPX-tdTomato.

No alerts have been found for RUES2 HOPX-tdTomato.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Zierhut C, et al. (2019) The Cytoplasmic DNA Sensor cGAS Promotes Mitotic Cell Death. Cell, 178(2), 302.

Friedman CE, et al. (2018) Single-Cell Transcriptomic Analysis of Cardiac Differentiation from Human PSCs Reveals HOPX-Dependent Cardiomyocyte Maturation. Cell stem cell, 23(4), 586.

Yoney A, et al. (2018) WNT signaling memory is required for ACTIVIN to function as a morphogen in human gastruloids. eLife, 7.