

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

Elf1-iCas9

RRID:CVCL_VR49

Type: Cell Line

Proper Citation

RRID:CVCL_VR49

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_VR49

Proper Citation: RRID:CVCL_VR49

Description: Cell line Elf1-iCas9 is a Embryonic stem cell with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:29466914](#)

Comments: Characteristics: Using TALEN two constructs SA-2A-PuroR-Cas9-TRE and SA-2A-Neo-M2rtTA were introduced in the AAVS1 safe harbor locus, one in each allele., Characteristics: Cell line with robust Dox-inducible expression of Cas9. Can be used for rapid and highly efficient generation of biallelic knockout hPSCs for loss-of-function studies.

Category: Embryonic stem cell

Organism: Homo sapiens (Human)

Name: Elf1-iCas9

Cross References: Wikidata:Q93539988

ID: CVCL_VR49

Hierarchy: cvcl_c115

Record Creation Time: 20220427T215832+0000

Record Last Update: 20260920T002530+0000

Ratings and Alerts

No rating or validation information has been found for Elf1-iCas9.

No alerts have been found for Elf1-iCas9.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Levy S, et al. (2022) dCas9 fusion to computer-designed PRC2 inhibitor reveals functional TATA box in distal promoter region. Cell reports, 38(9), 110457.