

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

HS1_L1HS-CRISPRi_LacZ

RRID:CVCL_E8I6

Type: Cell Line

Proper Citation

RRID:CVCL_E8I6

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E8I6

Proper Citation: RRID:CVCL_E8I6

Description: Cell line HS1_L1HS-CRISPRi_LacZ is a Induced pluripotent stem cell with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Characteristics: Transduced with the FUGW U6 gLacZ dCas9-KRAB-T2a-GFP vector that contains dCas9 fused to a KRAB repressive domain, a lacZ targeting gRNA and eGFP (DOI=10.1101/2025.01.17.633315)., Characteristics: Control cell line for HS1_L1HS-CRISPRi_g1 (Cellosaurus=CVCL_E8I4) and HS1_L1HS-CRISPRi_g2 (Cellosaurus=CVCL_E8I5).

Category: Induced pluripotent stem cell

Organism: Homo sapiens (Human)

Name: HS1_L1HS-CRISPRi_LacZ

Cross References: GEO:GSM8667515, GEO:GSM8667516, GEO:GSM8667517, GEO:GSM8667530, GEO:GSM8667531, GEO:GSM8667532, PRIDE:PXD059661

ID: CVCL_E8I6

Hierarchy: cvcl_dq11

Record Creation Time: 20250820T065749+0000

Record Last Update: 20260830T002820+0000

Ratings and Alerts

No rating or validation information has been found for HS1_L1HS-CRISPRi_LacZ.

No alerts have been found for HS1_L1HS-CRISPRi_LacZ.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Adami A, et al. (2026) Protocol for efficient CRISPRi-mediated silencing of retrotransposons in human pluripotent stem cells. STAR protocols, 7(1), 104398.

Adami A, et al. (2025) LINE-1 retrotransposons mediate cis-acting transcriptional control in human pluripotent stem cells and regulate early brain development. Cell genomics, 100979.