

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

CRISPRi Gen1B 1

RRID:CVCL_VM35

Type: Cell Line

Proper Citation

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Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_VM35

Proper Citation: RRID:CVCL_VM35

Description: Cell line CRISPRi Gen1B 1 is a Induced pluripotent stem cell with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:26971820](#)

Comments: Characteristics: Using TALEN a construct containing a rtTA+TRE3G promoter and dCas9-KRAB-P2A-mCherry is introduced in the AAVS1 safe harbor locus., Characteristics: Cell line with Dox-inducible CRISPR interference (CRISPRi).

Category: Induced pluripotent stem cell

Organism: Homo sapiens (Human)

Name: CRISPRi Gen1B 1

Synonyms: WTB CRISPRi Gen1 clone 1, 1B-1

Cross References: Wikidata:Q93458758

ID: CVCL_VM35

Hierarchy: cvcl_vm30

Record Creation Time: 20220427T215523+0000

Record Last Update: 20260725T232435+0000

Ratings and Alerts

No rating or validation information has been found for CRISPRi Gen1B 1.

No alerts have been found for CRISPRi Gen1B 1.

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 [NIF](#) .

Vasic I, et al. (2023) Loss of TJP1 disrupts gastrulation patterning and increases differentiation toward the germ cell lineage in human pluripotent stem cells. Developmental cell, 58(16), 1477.

Takahashi K, et al. (2020) Critical Roles of Translation Initiation and RNA Uridylation in Endogenous Retroviral Expression and Neural Differentiation in Pluripotent Stem Cells. Cell reports, 31(9), 107715.

Tesar PJ, et al. (2007) New cell lines from mouse epiblast share defining features with human embryonic stem cells. Nature, 448(7150), 196.