

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.