Resource Summary Report

Generated by RRID on Sep 9, 2026

MEL-1 INSGFP/w

RRID:CVCL_XA16
Type: Cell Line

Proper Citation

RRID:CVCL_XA16

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_XA16

Proper Citation: RRID:CVCL_XA16

Description: Cell line MEL-1 INSGFP/w is a Embryonic stem cell with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: PMID:22120512

Comments: Characteristics: Using homologous recombination an EGFP reporter gene was introduced in the INS locus (PubMed=22120512).

Category: Embryonic stem cell

Organism: Homo sapiens (Human)

Name: MEL-1 INSGFP/w

Synonyms: MEL1 INSGFP/w, MEL1 INS(GFP/w), Mel1-INS-GFP

Cross References: Wikidata:Q95988515

ID: CVCL_XA16

Hierarchy: cvcl_b863

Record Creation Time: 20220427T220801+0000

Record Last Update: 20260905T181133+0000

Ratings and Alerts

No rating or validation information has been found for MEL-1 INSGFP/w.

No alerts have been found for MEL-1 INSGFP/w.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

D'Oliveira Albanus R, et al. (2025) Integrative single-cell multi-omics profiling of human pancreatic islets identifies T1D-associated genes and regulatory signals. Cell reports, 44(8), 116065.

Xue D, et al. (2023) Functional interrogation of twenty type 2 diabetes-associated genes using isogenic hESC-derived ?-like cells. bioRxiv : the preprint server for biology.

Xue D, et al. (2023) Functional interrogation of twenty type 2 diabetes-associated genes using isogenic human embryonic stem cell-derived ?-like cells. Cell metabolism, 35(11), 1897.

Tang X, et al. (2021) SARS-CoV-2 infection induces beta cell transdifferentiation. Cell metabolism, 33(8), 1577.