

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Flp-In-3T3

RRID:CVCL_U422

Type: Cell Line

Proper Citation

RRID:CVCL_U422

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_U422

Proper Citation: RRID:CVCL_U422

Description: Cell line Flp-In-3T3 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Male

Comments: Characteristics: Transfected with a pFRT/lacZeo construct that contains a FRT site for subsequent targeted integration of a Flp-In expression vector (Thermo Fisher=R76107).

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: Flp-In-3T3

Synonyms: Flp-In 3T3, NIH 3T3 Flp-In

Cross References: Wikidata:Q54835006

ID: CVCL_U422

Hierarchy: cvcl_0594

Record Creation Time: 20220427T215850+0000

Record Last Update: 20260905T175334+0000

Ratings and Alerts

No rating or validation information has been found for Flp-In-3T3.

No alerts have been found for Flp-In-3T3.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Chiang CY, et al. (2025) PPM1M, an LRRK2-counteracting, phosphoRab12-preferring phosphatase with a potential link to Parkinson's disease. Cell reports, 44(8), 116031.

Chiang CY, et al. (2025) PPM1M, a LRRK2-counteracting, phosphoRab12-preferring phosphatase with potential link to Parkinson's disease. bioRxiv : the preprint server for biology.

Fasawe AS, et al. (2024) KIF3A tail domain phosphorylation is not required for ciliogenesis in mouse embryonic fibroblasts. iScience, 27(3), 109149.

Dhekne HS, et al. (2023) Genome-wide screen reveals Rab12 GTPase as a critical activator of Parkinson's disease-linked LRRK2 kinase. eLife, 12.

Engelke MF, et al. (2019) Acute Inhibition of Heterotrimeric Kinesin-2 Function Reveals Mechanisms of Intraflagellar Transport in Mammalian Cilia. Current biology : CB, 29(7), 1137.

Takao D, et al. (2017) Protein Interaction Analysis Provides a Map of the Spatial and Temporal Organization of the Ciliary Gating Zone. Current biology : CB, 27(15), 2296.