

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

HEK293T TetOff-SNCA-A53T mRuby3-Galectin-3 mClover3-Galectin-3

RRID:CVCL_D4BX

Type: Cell Line

Proper Citation

RRID:CVCL_D4BX

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D4BX

Proper Citation: RRID:CVCL_D4BX

Description: Cell line HEK293T TetOff-SNCA-A53T mRuby3-Galectin-3 mClover3-Galectin-3 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Miscellaneous: Cell line information from personal communication of Yuste-Checa, Patricia., Characteristics: Additional expression of two plasmids encoding mRuby3- and mClover3-tagged LGALS3, enabling a FRET-based readout of endolysosome damage (Direct_author_submission)., Characteristics: Transduced with an all-in-one TetOff construct for the controllable expression of untagged SNCA p.Ala53Thr (from parent cell line HEK293T TetOff-SNCA-A53T).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HEK293T TetOff-SNCA-A53T mRuby3-Galectin-3 mClover3-Galectin-3

Synonyms: Syn10 Galectin-3 FRET

Cross References: Wikidata:Q127381683

ID: CVCL_D4BX

Hierarchy: cvcl_d4bw

Record Creation Time: 20240202T070906+0000

Record Last Update: 20260905T183318+0000

Ratings and Alerts

No rating or validation information has been found for HEK293T TetOff-SNCA-A53T mRuby3-Galectin-3 mClover3-Galectin-3.

No alerts have been found for HEK293T TetOff-SNCA-A53T mRuby3-Galectin-3 mClover3-Galectin-3.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sitron CS, et al. (2025) ??-Synuclein aggregates inhibit ESCRT-III through sequestration and collateral degradation. Molecular cell.