

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pCDH-EF1a-mTagBFP-T2A-TetOn3G

RRID:Addgene_179888

Type: Plasmid

Proper Citation

RRID:Addgene_179888

Plasmid Information

URL: <http://www.addgene.org/179888>

Proper Citation: RRID:Addgene_179888

Insert Name: TetOn3G

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35708998](#)

Vector Backbone Description: Backbone Marker:Systembio; Backbone Size:6370; Vector Backbone:pCDH; Vector Types:Mammalian Expression, Bacterial Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Lentiviral vector encoding Tet-On 3G constitutively expressed by EF1a promoter. Inducible promoter TRE3GS has to be delivered separately (e.g. DExCon knock in = Doxycycline-mediated endogenous gene Expression Control)
https://figshare.com/projects/DExCon_DEXogron_LUXon_on-demand_expression_control_of_endogenous_genes_reveals_differential_dynamics_of_Rab11_family_members/12345678
Please visit <https://www.biorxiv.org/content/10.1101/2021.12.03.471086v1.full> for bioRxiv preprint.

Plasmid Name: pCDH-EF1a-mTagBFP-T2A-TetOn3G

Record Creation Time: 20220602T080200+0000

Record Last Update: 20260725T075434+0000

Ratings and Alerts

No rating or validation information has been found for pCDH-EF1a-mTagBFP-T2A-TetOn3G.

No alerts have been found for pCDH-EF1a-mTagBFP-T2A-TetOn3G.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Gemperle J, et al. (2025) Live-cell magnetic manipulation of recycling endosomes reveals their direct effect on actin protrusions to promote invasive migration. Science advances, 11(27), eadu6361.

Gemperle J, et al. (2022) On demand expression control of endogenous genes with DExCon, DExogron and LUXon reveals differential dynamics of Rab11 family members. eLife, 11.