

Resource Summary Report

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

pCDH-EF1a-HygroR-T2A-TetOn3G

RRID:Addgene_179887

Type: Plasmid

Proper Citation

RRID:Addgene_179887

Plasmid Information

URL: <http://www.addgene.org/179887>

Proper Citation: RRID:Addgene_179887

Insert Name: TetOn3G

Organism: Synthetic

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_fam](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-HygroR-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-HygroR-T2A-TetOn3G.

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.