

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pJET-50-DExogron-mCherry-R11b

RRID:Addgene_179904

Type: Plasmid

Proper Citation

RRID:Addgene_179904

Plasmid Information

URL: <http://www.addgene.org/179904>

Proper Citation: RRID:Addgene_179904

Insert Name: RAB11B, member RAS oncogene family

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35708998](#)

Vector Backbone Description: Backbone Marker:Thermo Scientific; Backbone Size:3000; Vector Backbone:pJet1.2; Vector Types:Mammalian Expression, Bacterial Expression, CRISPR, Donor for homologous based knock in; Bacterial Resistance:Ampicillin

Comments: Here donor for DExogron Rab11b knock in. DExogron = DExCon (Doxycycline-mediated endogenous gene Expression Control) combined with auxin-mediated targeted protein degradation. Lentiviral delivery of AtAFBP2 and TetOn 3G is also required for this to work.

[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)

Members/12345678 Please visit <https://www.biorxiv.org/content/10.1101/2021.12.03.471086v1.full> for bioRxiv preprint.

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Plasmid Name: pJET-50-DExogron-mCherry-R11b

Record Creation Time: 20220602T080200+0000

Record Last Update: 20260815T082303+0000

Ratings and Alerts

No rating or validation information has been found for pJET-50-DExogron-mCherry-R11b.

No alerts have been found for pJET-50-DExogron-mCherry-R11b.

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 [RRID](#) .

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.