

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pCDH-AtAFB2-mTagBFP2

RRID:Addgene_179889

Type: Plasmid

Proper Citation

RRID:Addgene_179889

Plasmid Information

URL: <http://www.addgene.org/179889>

Proper Citation: RRID:Addgene_179889

Insert Name: AtAFB2

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35708998](#)

Vector Backbone Description: Backbone Marker:Systembio; Backbone Size:6390; Vector Backbone:pCDH; Vector Types:Mammalian Expression, Bacterial Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: This lentiviral plasmids delivers AtAFB2 (auxin-inducible degron system) fused to mTagBFP2. In combination with TetOn3G can be used to generate DExogron = DExCon (Doxycycline-mediated endogenous gene Expression Control) combined with auxin-mediated targeted protein degradation. Please visit <https://www.biorxiv.org/content/10.1101/2021.12.03.471086v1.full> for bioRxiv preprint.

Plasmid Name: pCDH-AtAFB2-mTagBFP2

Record Creation Time: 20220602T080200+0000

Record Last Update: 20260815T082302+0000

Ratings and Alerts

No rating or validation information has been found for pCDH-AtAFB2-mTagBFP2.

No alerts have been found for pCDH-AtAFB2-mTagBFP2.

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 [dkNET](#) .

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.