

Resource Summary Report

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

pDEST40-Arl13b89

RRID:Addgene_40874

Type: Plasmid

Proper Citation

RRID:Addgene_40874

Plasmid Information

URL: <http://www.addgene.org/40874>

Proper Citation: RRID:Addgene_40874

Insert Name: Arl13b

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21976698](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:7100; Vector Backbone:pcDNA-DEST40; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: In Larkins et al (2011), this is plasmid "Arl13b untagged" as referenced in Figure 2. Full-length Arl13b with stop codon (pENTR-Arl13b1) was Gateway cloned into pcDNA-DEST40. Because of the stop codon, the backbone-encoded C-terminal tags are not expressed.

Plasmid Name: pDEST40-Arl13b89

Record Creation Time: 20220422T222212+0000

Record Last Update: 20260815T081439+0000

Ratings and Alerts

No rating or validation information has been found for pDEST40-Arl13b89.

No alerts have been found for pDEST40-Arl13b89.

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](#) .

Roy K, et al. (2017) Palmitoylation of the ciliary GTPase ARL13b is necessary for its stability and its role in cilia formation. The Journal of biological chemistry, 292(43), 17703.