

Resource Summary Report

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

pDEST47-Arl13b12

RRID:Addgene_40872

Type: Plasmid

Proper Citation

RRID:Addgene_40872

Plasmid Information

URL: <http://www.addgene.org/40872>

Proper Citation: RRID:Addgene_40872

Insert Name: Arl13b

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21976698](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:7780; Vector Backbone:pcDNA-DEST47; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: In Larkins et al (2011), this is plasmid "Arl13b GFP tagged" as referenced in Figure 2. Full-length Arl13b without a stop codon (pENTR-Arl13b2) was Gateway cloned into pcDNA-DEST47.

Plasmid Name: pDEST47-Arl13b12

Relevant Mutation: no stop codon

Record Creation Time: 20220422T222212+0000

Record Last Update: 20260815T081439+0000

Ratings and Alerts

No rating or validation information has been found for pDEST47-Arl13b12.

No alerts have been found for pDEST47-Arl13b12.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ansari SS, et al. (2024) Sonic Hedgehog activates prostaglandin signaling to stabilize primary cilium length. The Journal of cell biology, 223(9).

Winans AM, et al. (2023) Ciliary localization of a light-activated neuronal GPCR shapes behavior. Proceedings of the National Academy of Sciences of the United States of America, 120(43), e2311131120.

Chien YH, et al. (2018) Mechanical Strain Determines Cilia Length, Motility, and Planar Position in the Left-Right Organizer. Developmental cell, 45(3), 316.