

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

pcDNA3.1(+)/Puro/TagRFP-LL5b

RRID:Addgene_112828

Type: Plasmid

Proper Citation

RRID:Addgene_112828

Plasmid Information

URL: <http://www.addgene.org/112828>

Proper Citation: RRID:Addgene_112828

Insert Name: LL5b

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23525008](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pcDNA3.1(+)/Puro; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: LL5b contains a P815S difference compared to NM_153412.4 that does not impact function.

Plasmid Name: pcDNA3.1(+)/Puro/TagRFP-LL5b

Record Creation Time: 20220422T221550+0000

Record Last Update: 20260905T074436+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1(+)/Puro/TagRFP-LL5b.

No alerts have been found for pcDNA3.1(+)/Puro/TagRFP-LL5b.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Fye M, et al. (2025) Directed insulin secretion from beta cells occurs at cortical sites devoid of microtubules at the edges of ELKS/LL5?? patches. Molecular biology of the cell, 36(6), ar68.

Fye M, et al. (2024) Directed insulin secretion occurs at precise cortical regions with optimal ELKS content that are devoid of microtubules. bioRxiv : the preprint server for biology.