

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

pDUP1

RRID:Addgene_223516

Type: Plasmid

Proper Citation

RRID:Addgene_223516

Plasmid Information

URL: <http://www.addgene.org/223516>

Proper Citation: RRID:Addgene_223516

Insert Name: CoGFP

Organism: Cavernularia obesa

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:40172958](#)

Vector Backbone Description: Vector Backbone:pEXT20; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: These plasmids contain repetitive genes, oriented facing each other, and therefore PCR and next generation sequencing may fail due to the special nature of the plasmids, however the function is not affected.

Plasmid Name: pDUP1

Relevant Mutation: anti-dimerization mutations S129G, 22 C154S, D156G, K204I, and N209Y

Record Creation Time: 20240912T080657+0000

Record Last Update: 20260919T093417+0000

Ratings and Alerts

No rating or validation information has been found for pDUP1.

No alerts have been found for pDUP1.

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 [NIF](#) .

Mihajlovic L, et al. (2025) A direct experimental test of Ohno's hypothesis. eLife, 13.