

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 3, 2026

pDGB1a2+pNOS_Red-F_NOSt

RRID:Addgene_170887

Type: Plasmid

Proper Citation

RRID:Addgene_170887

Plasmid Information

URL: <http://www.addgene.org/170887>

Proper Citation: RRID:Addgene_170887

Insert Name: Red-F

Organism: *Luciola curciata*

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34520169](#)

Vector Backbone Description: Backbone Marker:Diego Orzaez Lab; Backbone Size:2595; Vector Backbone:pDGB1_alpha2; Vector Types:Plant Expression, Luciferase, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: Red-F transcriptional unit in GoldenBraid pDGB1 alpha2. Insert can be excised by Esp3I digestion. Requires pSOUP for replication in agrobacterium . Please visit <https://www.biorxiv.org/content/10.1101/2021.05.26.443018v2> to read the preprint on bioRxiv

Plasmid Name: pDGB1a2+pNOS_Red-F_NOSt

Relevant Mutation: p.S286Y Red mutant

Record Creation Time: 20220422T221954+0000

Record Last Update: 20260902T042825+0000

Ratings and Alerts

No rating or validation information has been found for pDGB1a2+pNOS_Red-F_NOSt.

No alerts have been found for pDGB1a2+pNOS_Red-F_NOSt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.