

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

pDGB1a2R+pNOS_Red-F_NOS

RRID:Addgene_170888

Type: Plasmid

Proper Citation

RRID:Addgene_170888

Plasmid Information

URL: <http://www.addgene.org/170888>

Proper Citation: RRID:Addgene_170888

Insert Name: Red-F

Organism: *Luciola curciata*

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34520169](#)

Vector Backbone Description: Backbone Marker: Diego Orzaez Lab; Backbone Size: 2594; Vector Backbone: pDGB1_alpha2R; Vector Types: Plant Expression, Luciferase, Synthetic Biology; Bacterial Resistance: Kanamycin

Comments: Red-F transcriptional unit in GoldenBraid pDGB1 alpha2R. 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: pDGB1a2R+pNOS_Red-F_NOS

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 pDGB1a2R+pNOS_Red-F_NOS.

No alerts have been found for pDGB1a2R+pNOS_Red-F_NOS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.