

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

[pRedF](#)

RRID:Addgene_118057

Type: Plasmid

Proper Citation

RRID:Addgene_118057

Plasmid Information

URL: <http://www.addgene.org/118057>

Proper Citation: RRID:Addgene_118057

Insert Name: Red Firefly Luciferase CDS

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31836712](#)

Vector Backbone Description: Backbone Marker:Diego Orzaez Lab; Backbone Size:3057; Vector Backbone:pUPD; Vector Types:Synthetic Biology, Domestication of DNA parts for GoldenBraid assembly; Bacterial Resistance:Ampicillin

Comments: Insert can be released with BsaI

Plasmid Name: pRedF

Relevant Mutation: Red mutant S286Y

Record Creation Time: 20220422T221618+0000

Record Last Update: 20260808T080542+0000

Ratings and Alerts

No rating or validation information has been found for pRedF.

No alerts have been found for pRedF.

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 [PRECISE-TBI](#) .

González-Grandío E, et al. (2021) A Ratiometric Dual Color Luciferase Reporter for Fast Characterization of Transcriptional Regulatory Elements in Plants. ACS synthetic biology, 10(10), 2763.

Sarrion-Perdigones A, et al. (2020) Simultaneous Examination of Cellular Pathways using Multiplex Hextuple Luciferase Assaying. Current protocols in molecular biology, 131(1), e122.