

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

## pGREAT25

RRID:Addgene\_170913

Type: Plasmid

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### Proper Citation

RRID:Addgene\_170913

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### Plasmid Information

**URL:** <http://www.addgene.org/170913>

**Proper Citation:** RRID:Addgene\_170913

**Insert Name:** E-Luc

**Organism:** *Pyrearinus termitilluminans* (E-Luc) and *Luciola curciata* (Red-F)

**Bacterial Resistance:** Spectinomycin

**Defining Citation:** [PMID:34520169](#)

**Vector Backbone Description:** Backbone Marker:Diego Orzaez Lab; Backbone Size:2925; Vector Backbone:pDGB1\_omega1; Vector Types:Plant Expression, Luciferase, Synthetic Biology; Bacterial Resistance:Spectinomycin

**Comments:** Encodes both E-Luc and Red-F transcriptional units. Insert can be excised by BsaI 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:** pGREAT25

**Relevant Mutation:** c.375C>T silent mutation to remove BbsI site (E-Luc), p.S286Y Red mutant (RedF)

**Record Creation Time:** 20220422T221954+0000

**Record Last Update:** 20260815T081012+0000

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### Ratings and Alerts

No rating or validation information has been found for pGREAT25.

No alerts have been found for pGREAT25.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.