

# Resource Summary Report

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

## SuperNova/pRSETB

RRID:Addgene\_53234

Type: Plasmid

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### Proper Citation

RRID:Addgene\_53234

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### Plasmid Information

**URL:** <http://www.addgene.org/53234>

**Proper Citation:** RRID:Addgene\_53234

**Insert Name:** monomeric photosensitizing fluorescent protein for chromophore-assisted light inactivation

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24043132](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:2900; Vector Backbone:pRSET-B; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** SuperNova/pRSETB

**Record Creation Time:** 20220422T222312+0000

**Record Last Update:** 20260815T081629+0000

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### Ratings and Alerts

No rating or validation information has been found for SuperNova/pRSETB.

No alerts have been found for SuperNova/pRSETB.

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### Data and Source Information

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

## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

McKnight CA, et al. (2025) The linker histone chaperone Prothymosin ?? (PTMA) is essential for efficient DNA damage repair and the recruitment of PARP1. *Epigenetics & chromatin*, 18(1), 32.

Mattedi F, et al. (2022) Detailed Imaging of Mitochondrial Transport and Precise Manipulation of Mitochondrial Function with Genetically Encoded Photosensitizers in Adult *Drosophila* Neurons. *Methods in molecular biology* (Clifton, N.J.), 2431, 385.

Onukwufor JO, et al. (2020) Quantification of reactive oxygen species production by the red fluorescent proteins KillerRed, SuperNova and mCherry. *Free radical biology & medicine*, 147, 1.

Toro-Tapia G, et al. (2020) Primary cilium remodeling mediates a cell signaling switch in differentiating neurons. *Science advances*, 6(21), eabb0601.