

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

pRsetB-his7-Perceval

RRID:Addgene_20336

Type: Plasmid

Proper Citation

RRID:Addgene_20336

Plasmid Information

URL: <http://www.addgene.org/20336>

Proper Citation: RRID:Addgene_20336

Insert Name: Perceval (fluorescent ATP:ADP sensor)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19122669](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2764;
Vector Backbone:pRset B; Vector Types:Bacterial Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: pRsetB-his7-Perceval

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260912T092429+0000

Ratings and Alerts

No rating or validation information has been found for pRsetB-his7-Perceval.

No alerts have been found for pRsetB-his7-Perceval.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Morton KS, et al. (2023) Chronic high-sugar diet in adulthood protects *Caenorhabditis elegans* from 6-OHDA induced dopaminergic neurodegeneration. *bioRxiv : the preprint server for biology*.

Lewis DD, et al. (2022) Frequency dependent growth of bacteria in living materials. *Frontiers in bioengineering and biotechnology*, 10, 948483.

Van den Bergh B, et al. (2022) Mutations in respiratory complex I promote antibiotic persistence through alterations in intracellular acidity and protein synthesis. *Nature communications*, 13(1), 546.

Charnpilas N, et al. (2020) Mitochondrial maturation drives germline stem cell differentiation in *Caenorhabditis elegans*. *Cell death and differentiation*, 27(2), 601.

Wilmaerts D, et al. (2018) The Persistence-Inducing Toxin HokB Forms Dynamic Pores That Cause ATP Leakage. *mBio*, 9(4).