

# Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

## pSG086

RRID:Addgene\_214263

Type: Plasmid

---

### Proper Citation

RRID:Addgene\_214263

---

### Plasmid Information

**URL:** <http://www.addgene.org/214263>

**Proper Citation:** RRID:Addgene\_214263

**Insert Name:** Hybrid PaFtsH protease PaFtsH2H1-link-32 of Pseudomonas aeruginosa SG17M

**Organism:** Pseudomonas aeruginosa SG17M

**Bacterial Resistance:** Gentamicin

**Defining Citation:** [PMID:38176647](#)

**Vector Backbone Description:** Backbone Size:6055; Vector Backbone:pJN105; Vector Types:Bacterial Expression; Bacterial Resistance:Gentamicin

**Plasmid Name:** pSG086

**Relevant Mutation:** substitution of 31 amino acids of FtsH2 (F124RRFAEKQGMGGFLSIGKSRKVFMEKNTGV) by 32 amino acids of FtsH1 (M120RQMQGGGGGRGGPMSFGKSKARLLSEDQVET)

**Record Creation Time:** 20241006T080638+0000

**Record Last Update:** 20260725T080143+0000

---

### Ratings and Alerts

No rating or validation information has been found for pSG086.

No alerts have been found for pSG086.

---

### Data and Source Information

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

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.