

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

## pAM3558

RRID:Addgene\_40252

Type: Plasmid

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### Proper Citation

RRID:Addgene\_40252

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### Plasmid Information

**URL:** <http://www.addgene.org/40252>

**Proper Citation:** RRID:Addgene\_40252

**Insert Name:** Gm cassette (BssHII+SphI)

**Organism:** Synechococcus elongatus PCC 7942

**Bacterial Resistance:** Gentamicin

**Defining Citation:** [PMID:18353436](#)

**Vector Backbone Description:** Vector Backbone:pAM1303; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Gentamicin

**Comments:** NS1 vector Gm resistant version of pAM1303. Both pAM1303 and pAM3511 were digested with BssHII and SphI, and then mix-ligated. The accC1gene (Gm) replaces the aadA gene (SpSm) in the ?? cassette. The upstream T4 terminator was lost due to SphI digestion.

**Plasmid Name:** pAM3558

**Record Creation Time:** 20220422T222209+0000

**Record Last Update:** 20260808T081629+0000

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### Ratings and Alerts

No rating or validation information has been found for pAM3558.

No alerts have been found for pAM3558.

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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.