

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

pAM3558

RRID:Addgene_40252

Type: Plasmid

Proper Citation

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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: 20260725T074642+0000

Ratings and Alerts

No rating or validation information has been found for pAM3558.

No alerts have been found for pAM3558.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.