

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pAGT8163 \(AATG_ttLbCas12a-i_TTCG\)](#)

RRID:Addgene_192453

Type: Plasmid

Proper Citation

RRID:Addgene_192453

Plasmid Information

URL: <http://www.addgene.org/192453>

Proper Citation: RRID:Addgene_192453

Insert Name: temperature-tolerant LbCas12a with introns (BsaI-flanked Golden Gate module, MoClo L0)

Organism: Arabidopsis thaliana

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:36382936](#)

Vector Backbone Description: Backbone Marker:Sylvestre Marillonnet ; Backbone Size:2073; Vector Backbone:pAGM3946; Vector Types:CRISPR, Synthetic Biology, MoClo compatible Level 0 module ; Bacterial Resistance:Spectinomycin

Plasmid Name: pAGT8163 (AATG_ttLbCas12a-i_TTCG)

Relevant Mutation: temperature-tolerant mutation (D156R)

Record Creation Time: 20221208T080409+0000

Record Last Update: 20260815T082428+0000

Ratings and Alerts

No rating or validation information has been found for pAGT8163 (AATG_ttLbCas12a-i_TTCG).

No alerts have been found for pAGT8163 (AATG_ttLbCas12a-i_TTCG).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.