Resource Summary Report

Generated by nidm-terms on Aug 14, 2026

pGEM-gate

RRID:Addgene_113758
Type: Plasmid

Proper Citation

RRID:Addgene_113758

Plasmid Information

URL: http://www.addgene.org/113758

Proper Citation: RRID:Addgene_113758

Insert Name: gateway cassette

Organism: Other

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:31523744

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:3048; Vector Backbone:pGEM-T easy; Vector Types:Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Use this vector for 3-way multi-site Gateway reactions with two regions of homology flanking an insert - this final vector can be used as a template for repair (homology-directed repair) after CRISPR double-strand break. This plasmid was constructed by A-tailing the Gateway cassette (R1R2) and blunt/TA Ligase reaction with pGEM-T Easy to create pGEM-gate.

Plasmid Name: pGEM-gate

Record Creation Time: 20220422T221555+0000

Record Last Update: 20260808T080501+0000

Ratings and Alerts

No rating or validation information has been found for pGEM-gate.

No alerts have been found for pGEM-gate.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Yanez-Dominguez C, et al. (2025) The chloroplast-located HKT transporter plays an important role in fertilization and development in Physcomitrium patens. The Plant journal : for cell and molecular biology, 121(3), e17253.