

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

[pMpGE011](#)

RRID:Addgene_71537

Type: Plasmid

Proper Citation

RRID:Addgene_71537

Plasmid Information

URL: <http://www.addgene.org/71537>

Proper Citation: RRID:Addgene_71537

Bacterial Resistance: Chloramphenicol and Spectinomycin

Defining Citation: [PMID:30379827](#)

Vector Backbone Description: Backbone Marker:Kohchi Lab., Kyoto University;
Backbone Size:13898; Vector Backbone:pMpGWB303; Vector Types:Plant Expression,
CRISPR; Bacterial Resistance:Chloramphenicol and Spectinomycin

Comments: Please visit <https://www.biorxiv.org/content/early/2018/03/14/277350> for
BioRxiv preprint

Plasmid Name: pMpGE011

Record Creation Time: 20220422T222440+0000

Record Last Update: 20260905T080035+0000

Ratings and Alerts

No rating or validation information has been found for pMpGE011.

No alerts have been found for pMpGE011.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Krishnamoorthi S, et al. (2024) Hyperspectral imaging of liverwort *Marchantia polymorpha* identifies MpWRKY10 as a key regulator defining Foliar pigmentation patterns. *Cell reports*, 43(7), 114463.

Guan Y, et al. (2023) Parallel evolution of two AIM24 protein subfamilies and their conserved functions in ER stress tolerance in land plants. *Plant communications*, 4(3), 100513.

Hisanaga T, et al. (2023) The Polycomb repressive complex 2 deposits H3K27me3 and represses transposable elements in a broad range of eukaryotes. *Current biology : CB*, 33(20), 4367.

Wang N, et al. (2021) Characterization of a Plant Nuclear Matrix Constituent Protein in Liverwort. *Frontiers in plant science*, 12, 670306.

Iwasaki M, et al. (2021) Identification of the sex-determining factor in the liverwort *Marchantia polymorpha* reveals unique evolution of sex chromosomes in a haploid system. *Current biology : CB*, 31(24), 5522.

Busch A, et al. (2019) MpTCP1 controls cell proliferation and redox processes in *Marchantia polymorpha*. *The New phytologist*, 224(4), 1627.

Peñuelas M, et al. (2019) Jasmonate-Related MYC Transcription Factors Are Functionally Conserved in *Marchantia polymorpha*. *The Plant cell*, 31(10), 2491.

Sugano SS, et al. (2018) CRISPR/Cas9-Based Genome Editing of Transcription Factor Genes in *Marchantia polymorpha*. *Methods in molecular biology* (Clifton, N.J.), 1830, 109.