

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

599 p3E-mcs1

RRID:Addgene_49004

Type: Plasmid

Proper Citation

RRID:Addgene_49004

Plasmid Information

URL: <http://www.addgene.org/49004>

Proper Citation: RRID:Addgene_49004

Insert Name: Multiple Cloning Site

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24036310](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2639;
Vector Backbone:pDONRP2RP3; Vector Types:gateway 3' Entry; Bacterial
Resistance:Kanamycin

Comments: There is a single base mismatch between Addgene's quality control sequence and the full plasmid reference sequence. The change is in backbone region and should not affect function.

Plasmid Name: 599 p3E-mcs1

Record Creation Time: 20220422T222252+0000

Record Last Update: 20260815T081556+0000

Ratings and Alerts

No rating or validation information has been found for 599 p3E-mcs1.

No alerts have been found for 599 p3E-mcs1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Riley DM, et al. (2026) Functional genomics analysis of developing zebrafish and human endoderm reveals highly conserved cis-regulatory modules acting during vertebrate organogenesis. *Genome research*, 36(4), 695.

Light SEW, et al. (2026) Genetic interrogation reveals mechanisms regulating nexus glia development and shaping heart physiology. *Developmental cell*, 61(7), 1555.

Gillespie WB, et al. (2025) MultiSite Assembly of Gateway Induced Clones (MAGIC): a flexible cloning toolbox for use in vertebrate model systems. *Development (Cambridge, England)*, 152(22).

Shin M, et al. (2023) Generation and application of endogenously floxed alleles for cell-specific knockout in zebrafish. *Developmental cell*, 58(22), 2614.

Shin M, et al. (2019) Valves Are a Conserved Feature of the Zebrafish Lymphatic System. *Developmental cell*, 51(3), 374.

Quillien A, et al. (2017) Robust Identification of Developmentally Active Endothelial Enhancers in Zebrafish Using FANS-Assisted ATAC-Seq. *Cell reports*, 20(3), 709.