Resource Summary Report

Generated by dkNET on Aug 24, 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 dkNET .

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.