

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pMA3790

RRID:Addgene_70110

Type: Plasmid

Proper Citation

RRID:Addgene_70110

Plasmid Information

URL: <http://www.addgene.org/70110>

Proper Citation: RRID:Addgene_70110

Insert Name: EGFP

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27136098](#)

Vector Backbone Description: Backbone Marker:Alexeyev Lab; Backbone Size:4064; Vector Backbone:pMA2008; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pMA3790

Record Creation Time: 20220422T222433+0000

Record Last Update: 20260808T082045+0000

Ratings and Alerts

No rating or validation information has been found for pMA3790.

No alerts have been found for pMA3790.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Murata D, et al. (2024) Slc25a3-dependent copper transport controls flickering-induced Opa1 processing for mitochondrial safeguard. *Developmental cell*, 59(19), 2578.

Monroy-Corderas M, et al. (2023) A New Quinone-Based Inhibitor of Mitochondrial Complex I in D-Conformation, Producing Invasion Reduction and Sensitization to Venetoclax in Breast Cancer Cells. *Antioxidants (Basel, Switzerland)*, 12(8).

Arumugam S, et al. (2023) Mitochondrial DNA and the STING pathway are required for hepatic stellate cell activation. *Hepatology (Baltimore, Md.)*, 78(5), 1448.

Du J, et al. (2022) The role of mitochondria in pharmacological ascorbate-induced toxicity. *Scientific reports*, 12(1), 22521.

Li T, et al. (2021) Phosphorylation and chromatin tethering prevent cGAS activation during mitosis. *Science (New York, N.Y.)*, 371(6535).

Khozhukhar N, et al. (2018) Elimination of Mitochondrial DNA from Mammalian Cells. *Current protocols in cell biology*, 78(1), 20.11.1.

Dhir A, et al. (2018) Mitochondrial double-stranded RNA triggers antiviral signalling in humans. *Nature*, 560(7717), 238.