

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

aMHC-mCherry-Rex-Blasticidin

RRID:Addgene_21228

Type: Plasmid

Proper Citation

RRID:Addgene_21228

Plasmid Information

URL: <http://www.addgene.org/21228>

Proper Citation: RRID:Addgene_21228

Insert Name: alpha myosin heavy chain promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19352491](#)

Vector Backbone Description: Backbone Size:7338; Vector Backbone:SMPU; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: There is an extra C in the promoter sequence when compared to the available reference sequence in NCBI. The mismatch is due to older sequencing artifact of an erroneous insertion of a "C" adjacent to "GGG". The construct should be correct.

Plasmid Name: aMHC-mCherry-Rex-Blasticidin

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260801T081004+0000

Ratings and Alerts

No rating or validation information has been found for aMHC-mCherry-Rex-Blasticidin.

No alerts have been found for aMHC-mCherry-Rex-Blasticidin.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Lee JA, et al. (2021) Targeted epigenetic modulation using a DNA-based histone deacetylase inhibitor enhances cardiomyogenesis in mouse embryonic stem cells. *Journal of cellular physiology*, 236(5), 3946.

Lee JA, et al. (2019) Discovery of Natural Compounds Promoting Cardiomyocyte Differentiation. *Stem cells and development*, 28(1), 13.

Maass K, et al. (2015) Isolation and characterization of embryonic stem cell-derived cardiac Purkinje cells. *Stem cells (Dayton, Ohio)*, 33(4), 1102.

Spiering S, et al. (2015) High content screening for modulators of cardiac differentiation in human pluripotent stem cells. *Methods in molecular biology (Clifton, N.J.)*, 1263, 43.

Leach LL, et al. (2015) Canonical/??-catenin Wnt pathway activation improves retinal pigmented epithelium derivation from human embryonic stem cells. *Investigative ophthalmology & visual science*, 56(2), 1002.