

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

mCherry-Cx43-7

RRID:Addgene_55023

Type: Plasmid

Proper Citation

RRID:Addgene_55023

Plasmid Information

URL: <http://www.addgene.org/55023>

Proper Citation: RRID:Addgene_55023

Insert Name: Cx43

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mCherry; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: R. norvegicus (rat) Alpha-1 Connexin 43. Excitation = 587; Emission = 610

Plasmid Name: mCherry-Cx43-7

Record Creation Time: 20220422T222322+0000

Record Last Update: 20260815T081645+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Cx43-7.

No alerts have been found for mCherry-Cx43-7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

McCutcheon S, et al. (2020) The dynamic Nexus: gap junctions control protein localization and mobility in distinct and surprising ways. Scientific reports, 10(1), 17011.

Fykerud TA, et al. (2016) Mitotic cells form actin-based bridges with adjacent cells to provide intercellular communication during rounding. Cell cycle (Georgetown, Tex.), 15(21), 2943.