

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

Cx43-msfGFP

RRID:Addgene_69007

Type: Plasmid

Proper Citation

RRID:Addgene_69007

Plasmid Information

URL: <http://www.addgene.org/69007>

Proper Citation: RRID:Addgene_69007

Insert Name: Gja1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26265468](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4733; Vector Backbone:EGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Addition of a fluorescent protein tag to the carboxyl-terminus of Cx43 has been shown to eliminate or attenuate interactions with ZO-1 and Occludin in cell culture. Other binding interactions and channel gating properties may be affected.

Plasmid Name: Cx43-msfGFP

Record Creation Time: 20220422T222429+0000

Record Last Update: 20260815T081854+0000

Ratings and Alerts

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

No alerts have been found for Cx43-msfGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sinha S, et al. (2023) A Multiomic Analysis Reveals How Breast Cancers Disseminated to the Bone Marrow Acquire Aggressive Phenotypes through Tumor-Stroma Tunnels. bioRxiv : the preprint server for biology.