

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pDEST-EGFP-Cx43ML-N1

RRID:Addgene_49860

Type: Plasmid

Proper Citation

RRID:Addgene_49860

Plasmid Information

URL: <http://www.addgene.org/49860>

Proper Citation: RRID:Addgene_49860

Insert Name: Connexin 43

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24210816](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4722; Vector Backbone:pegfp-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pDEST-EGFP-Cx43ML-N1

Relevant Mutation: All internal Methionines mutated to Leucine. No stop codon to create c-terminal fusion

Record Creation Time: 20220422T222256+0000

Record Last Update: 20260815T081603+0000

Ratings and Alerts

No rating or validation information has been found for pDEST-EGFP-Cx43ML-N1.

No alerts have been found for pDEST-EGFP-Cx43ML-N1.

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 [RRID](#) .

Tishchenko A, et al. (2020) Cx43 and Associated Cell Signaling Pathways Regulate Tunneling Nanotubes in Breast Cancer Cells. *Cancers*, 12(10).

Nadeem L, et al. (2017) Progesterone Via its Type-A Receptor Promotes Myometrial Gap Junction Coupling. *Scientific reports*, 7(1), 13357.