

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[pCMV DCC](#)

RRID:Addgene_16459

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/16459>

Proper Citation: RRID:Addgene_16459

Insert Name: DCC

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2294591](#)

Vector Backbone Description: Backbone Marker:Vogelstein Lab; Backbone Size:6600; Vector Backbone:pCMV-Neo-XhoI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Additional reference: Cho KR et al, The DCC Gene: Structural analysis and mutations in colorectal carcinomas. Genomics 19: 525-531, 1994. Addgene NGS results found DCC isoform X1 [XP_016881057.1] with an F23L variant.

Plasmid Name: pCMV DCC

Record Creation Time: 20220422T221929+0000

Record Last Update: 20260815T080922+0000

Ratings and Alerts

No rating or validation information has been found for pCMV DCC.

No alerts have been found for pCMV DCC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhao T, et al. (2023) Nuclear GRP78 Promotes Metabolic Reprogramming and Therapeutic Resistance in Pancreatic Ductal Adenocarcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(24), 5183.

Chua JY, et al. (2021) FEZ1 Forms Complexes with CRMP1 and DCC to Regulate Axon and Dendrite Development. eNeuro, 8(2).

McNair K, et al. (2019) Serine protease modulation of Dependence Receptors and EMT protein expression. Cancer biology & therapy, 20(3), 349.

Forrest CM, et al. (2016) Selective depletion of tumour suppressors Deleted in Colorectal Cancer (DCC) and neogenin by environmental and endogenous serine proteases: linking diet and cancer. BMC cancer, 16(1), 772.