

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.