

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

PCD FL6X

RRID:Addgene_12566

Type: Plasmid

Proper Citation

RRID:Addgene_12566

Plasmid Information

URL: <http://www.addgene.org/12566>

Proper Citation: RRID:Addgene_12566

Insert Name: Four CXCR4 imperfect binding sites

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16713585](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:7200; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression, Luciferase, Reporter for translation repression; Bacterial Resistance:Ampicillin

Comments: Firefly luciferase was cloned into the HindIII/SpeI sites of pcDNA3.1. Six imperfect complementary binding sites to the antisense strand of CXCR4 siRNA were cloned in the XbaI/ApaI sites in the 3'UTR of luciferase. Author's sequence data was obtained by using a primer reading forward from inside the luciferase gene.

Plasmid Name: PCD FL6X

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260725T073723+0000

Ratings and Alerts

No rating or validation information has been found for PCD FL6X.

No alerts have been found for PCD FL6X.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yadava SM, et al. (2021) miR-15b-5p promotes expression of proinflammatory cytokines in human placenta by inhibiting Apelin signaling pathway. *Placenta*, 104, 8.

Wang B, et al. (2018) Vitamin D stimulates multiple microRNAs to inhibit CRH and other pro-labor genes in human placenta. *Endocrine connections*, 7(12), 1380.

Janas MM, et al. (2012) Alternative RISC assembly: binding and repression of microRNA-mRNA duplexes by human Ago proteins. *RNA (New York, N.Y.)*, 18(11), 2041.