

Resource Summary Report

Generated by [nidm-terms](#) on Aug 14, 2026

pCrl

RRID:Addgene_122443

Type: Plasmid

Proper Citation

RRID:Addgene_122443

Plasmid Information

URL: <http://www.addgene.org/122443>

Proper Citation: RRID:Addgene_122443

Insert Name: reelin

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8987733](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The entire reelin open reading frame was assembled by fusing five overlapping cDNA clones isolated previously (D'Arcangelo et al., 1995) and subcloning them into pcDNA3. The following reelin fragments were used: 1.2 kb NaeI–Sall from p59BS1, 1.3 kb Sall–NdeI from pBS2, 3.1 kb NdeI–BspEI from pBS6, 770 bp BspEI–ApaLI from p3Rea3, and 4.2 kb ApaLI–EcoRV from pBS53. The final clone (pCrl) contains the entire reelin open reading frame (10,383 bp) plus 95 bp of sequence 59 to the initiator methionine codon and 82 bp of 39 untranslated sequence (reelin cDNA nucleotides 188–10,748).

Plasmid Name: pCrl

Record Creation Time: 20220422T221640+0000

Record Last Update: 20260808T080626+0000

Ratings and Alerts

No rating or validation information has been found for pCrl.

No alerts have been found for pCrl.

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 [nidm-terms](#) .

Lee HJ, et al. (2023) Reelin and APP Cooperatively Modulate Dendritic Spine Formation In Vitro and In Vivo. *Experimental neurobiology*, 32(1), 42.

Nelson MM, et al. (2021) Poly (ADP-Ribose) Polymerase 1 Regulates Cajal-Retzius Cell Development and Neural Precursor Cell Adhesion. *Frontiers in cell and developmental biology*, 9, 693595.

Ndoye A, et al. (2021) Integrin $\alpha 5 \beta 1$ Represses Reelin Expression in Breast Cancer Cells to Promote Invasion. *Cancers*, 13(2).