

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

pRosa26 R1-ccdB-R2 RexNeo PI-SceI

RRID:Addgene_24418

Type: Plasmid

Proper Citation

RRID:Addgene_24418

Plasmid Information

URL: <http://www.addgene.org/24418>

Proper Citation: RRID:Addgene_24418

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:21375737](#)

Vector Backbone Description: Backbone Marker: Soriano Lab (Addgene Plasmid# 21714); Backbone Size: 9846; Vector Backbone: pRosa26-1; Vector Types: Mouse Targeting; Bacterial Resistance: Chloramphenicol and Ampicillin

Comments: Murine Rosa26 targeting vector with R1R2 Gateway sites. Includes a ccdB cassette, Rex-Neo selection marker cassette, and DTA selection cassette. Plasmid was constructed as follows: The pRosa26-1 plasmid (Addgene plasmid number 21714) was digested at the XbaI cloning site and a PCR product containing the attR1-ccdB-attR2 sequences from pDest27 and an additional PacI site was introduced. The Rex-Neo resistance cassette from the ??MHC-eGFP-Rex-Neo lentivirus plasmid was PCR-cloned into the PacI site to allow for antibiotic selection in eukaryotic cells with G418

Plasmid Name: pRosa26 R1-ccdB-R2 RexNeo PI-SceI

Record Creation Time: 20220422T222109+0000

Record Last Update: 20260815T081230+0000

Ratings and Alerts

No rating or validation information has been found for pRosa26 R1-ccdB-R2 RexNeo PI-SceI.

No alerts have been found for pRosa26 R1-ccdB-R2 RexNeo PI-SceI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.