

Resource Summary Report

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

pRL-TK CXCR4 2x

RRID:Addgene_11306

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/11306>

Proper Citation: RRID:Addgene_11306

Insert Name: 2 bulged bind sites for CXCR4 siRNA antisense

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12600936](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4045; Vector Backbone:pRL-TK; Vector Types:Luciferase; Bacterial Resistance:Ampicillin

Comments: The end of the ORF and the beginning of the 3' UTR is (with the TAA stop codon, followed by T, then the XbaI site TCTAGA): AAATGAACAA TAA T TCTAGA GCGGCCGCT. We digested the plasmids with XbaI, and ligated in the following: ctaga ttccgagatatcggtaat gggcc. This produced a modified vector, still containing an XbaI site, but now also containing an ApaI site (GGGCCC), to allow for directional cloning of 3' UTR inserts. The final vector contains, starting with the stop codon TAA: TAA T Tctaga ttccgagatatcggtaat gggccC TAGA. All UTR inserts were then constructed in the following format: TCTAGA CTCGAGCCGG[binding site]ATCGC GGGCCC. A single perfect site sequence is AAGTTTTCACTCCAGCTAACACCGG. CXCR4 siRNA used is GUUUUCACUCCAGCUAACACATTCAAAAGUGAGGUCAUUGU.

Plasmid Name: pRL-TK CXCR4 2x

Record Creation Time: 20220422T221552+0000

Record Last Update: 20260725T073525+0000

Ratings and Alerts

No rating or validation information has been found for pRL-TK CXCR4 2x.

No alerts have been found for pRL-TK CXCR4 2x.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.