Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

RNA motif plasmid cloning backbone

RRID:Addgene_107253
Type: Plasmid

Proper Citation

RRID:Addgene_107253

Plasmid Information

URL: http://www.addgene.org/107253

Proper Citation: RRID:Addgene_107253

Insert Name: RNA motif plasmid cloning backbone

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29400715

Vector Backbone Description: Vector Backbone:pLEX; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Digest plasmid with BsmBI and ligate RNA motif of interest. The RNA motif of interest would be in the 3UTR and flanked by BoxB motifs. Oligo cloning can be performed similarly to sgRNA cloning. Primers to order: Primers (5'->3') F GCTT R AGCT Example to clone in motif IRE motif IRE motif: TAACACATTATCGGGAGCAGTGTCTTCCATAATGTATAA Primers to order F: GCTT TAACACATTATCGGGAGCAGTGTCTTCCATAATGTATAA R: AGCT TTATACATTATGGAAGACACTGCTCCCGATAATGTGTTA

Plasmid Name: RNA motif plasmid cloning backbone

Record Creation Time: 20220422T221520+0000

Record Last Update: 20260808T080356+0000

Ratings and Alerts

No rating or validation information has been found for RNA motif plasmid cloning backbone.

No alerts have been found for RNA motif plasmid cloning backbone.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Tang F, et al. (2026) Characterizations of G-Quadruplex RNA-Protein Interactions in Living Cells. Analytical chemistry, 98(16), 12090.

Giambruno R, et al. (2023) Unveiling the role of PUS7-mediated pseudouridylation in host protein interactions specific for the SARS-CoV-2 RNA genome. Molecular therapy. Nucleic acids, 34, 102052.

Kumar S, et al. (2023) RNA-Protein Interactome at the Hepatitis E Virus Internal Ribosome Entry Site. Microbiology spectrum, 11(4), e0282722.

Verma R, et al. (2021) RNA-Protein Interaction Analysis of SARS-CoV-2 5' and 3' Untranslated Regions Reveals a Role of Lysosome-Associated Membrane Protein-2a during Viral Infection. mSystems, 6(4), e0064321.

Hutter K, et al. (2020) SAFB2 Enables the Processing of Suboptimal Stem-Loop Structures in Clustered Primary miRNA Transcripts. Molecular cell, 78(5), 876.