Resource Summary Report

Generated by dkNET on Aug 26, 2026

pAC155-pCR8-sgExpression

RRID:Addgene_49045
Type: Plasmid

Proper Citation

RRID:Addgene_49045

Plasmid Information

URL: http://www.addgene.org/49045

Proper Citation: RRID:Addgene_49045

Bacterial Resistance: Spectinomycin

Defining Citation: PMID:23979020

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2734; Vector Backbone:pCR8GWTOPO; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Spectinomycin

Comments: Clone sgRNA spacer into BbsI site. Sequence using LKO5' primer: GACTATCATATGCTTACCGT This vector can be transfected, or transferred to a gateway destination vector (http://www.lifetechnologies.com/us/en/home/life-science/cloning/gateway-cloning/gateway-destination-vectors.html), or the U6-sgRNA-terminator fragment can be PCR-amplified and transfected as linear DNA. Another template for such linear DNA is one of the dual expression vectors: http://www.addgene.org/48240/ http://www.addgene.org/48239/ http://www.addgene.org/48238/ http://www.addgene.org/48236/ For more information including protocols and updates, please go to http://www.crispr-on.org

Plasmid Name: pAC155-pCR8-sgExpression

Record Creation Time: 20220422T222252+0000

Record Last Update: 20260815T081556+0000

Ratings and Alerts

No rating or validation information has been found for pAC155-pCR8-sgExpression.

No alerts have been found for pAC155-pCR8-sgExpression.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Feng X, et al. (2023) Ligand-free mitochondria-localized mutant AR-induced cytotoxicity in spinal bulbar muscular atrophy. Brain : a journal of neurology, 146(1), 278.