

# Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

## pAC155-pCR8-sgExpression

RRID:Addgene\_49045

Type: Plasmid

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### Proper Citation

RRID:Addgene\_49045

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### Plasmid Information

**URL:** <http://www.addgene.org/49045>

**Proper Citation:** RRID:Addgene\_49045

**Bacterial Resistance:** Spectinomycin

**Defining Citation:** [PMID:23979020](https://pubmed.ncbi.nlm.nih.gov/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

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### 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.