

Resource Summary Report

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

pET264-pUC 24xMS2V6 Loxp KANr Loxp

RRID:Addgene_104393

Type: Plasmid

Proper Citation

RRID:Addgene_104393

Plasmid Information

URL: <http://www.addgene.org/104393>

Proper Citation: RRID:Addgene_104393

Insert Name: 24xMS2V6

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29131164](#)

Vector Backbone Description: Vector Backbone:pUC; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Insert cloned from pET259 as BamHI Sall in Addgene plasmid #45162, replacing previous MS2 variant

Plasmid Name: pET264-pUC 24xMS2V6 Loxp KANr Loxp

Relevant Mutation: All Loops are U-variants, interspaced by 50 nucleotide linkers, have synonymous sequence, and the sequence is ORF in the 3 frames

Record Creation Time: 20220422T221506+0000

Record Last Update: 20260725T073407+0000

Ratings and Alerts

No rating or validation information has been found for pET264-pUC 24xMS2V6 Loxp KANr Loxp.

No alerts have been found for pET264-pUC 24xMS2V6 Loxp KANr Loxp.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Pichon X, et al. (2020) New Generations of MS2 Variants and MCP Fusions to Detect Single mRNAs in Living Eukaryotic Cells. *Methods in molecular biology* (Clifton, N.J.), 2166, 121.

Tutucci E, et al. (2018) Single-mRNA detection in living *S. cerevisiae* using a re-engineered MS2 system. *Nature protocols*, 13(10), 2268.