

Resource Summary Report

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

ptagRFP-MS2coatProtein

RRID:Addgene_103831

Type: Plasmid

Proper Citation

RRID:Addgene_103831

Plasmid Information

URL: <http://www.addgene.org/103831>

Proper Citation: RRID:Addgene_103831

Insert Name: MS2 coat protein (MCP)

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29122982](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4678; Vector Backbone:pTagRFP_C; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: relevance of mutations unknown, but insert sequence is almost identical (except A88G, I30V) to another published MCP sequence (GenBank: JQ624676.1, Auslaender et al. 2012, Nature 487(7405): 123-127)

Plasmid Name: ptagRFP-MS2coatProtein

Relevant Mutation: MCP: nt 202-240 are missing (13 aa), C242G (A81G), A246C (silent, A82A), T291C (silent, A97A)

Record Creation Time: 20220422T221503+0000

Record Last Update: 20260725T073401+0000

Ratings and Alerts

No rating or validation information has been found for ptagRFP-MS2coatProtein.

No alerts have been found for ptagRFP-MS2coatProtein.

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 [NIF](#) .

Zuo L, et al. (2021) Loci-specific phase separation of FET fusion oncoproteins promotes gene transcription. Nature communications, 12(1), 1491.