Resource Summary Report

Generated by RRID on Aug 26, 2026

pSL-MS2-6X

RRID:Addgene_27118
Type: Plasmid

Proper Citation

RRID:Addgene_27118

Plasmid Information

URL: http://www.addgene.org/27118

Proper Citation: RRID:Addgene_27118

Insert Name: MS2 binding sites (6)

Bacterial Resistance: Ampicillin

Defining Citation: PMID:9809065

Vector Backbone Description: Backbone Marker:Pharmacia; Backbone Size:3422; Vector Backbone:pSL1180; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The Singer Lab no longer recommends this plasmid, as it has a higher rate of bacterial recombination. For mammalian cells they recommend the following plasmids: pUbC-FLAG-24xSuntagV4-oxEBFP-AID-baUTR1-24xMS2V5-Wpre (Plasmid #84561) HaloTag-bActinCDS-bActinUTR-MS2V5 (Plasmid #102718) For yeast cells they recommend the following plasmids: pET246-pUC57 12xMS2V6 (Plasmid #104390) pET259-pUC57 24xMS2V6 (Plasmid #104391) pET251-pUC 12xMS2V6 Loxp KANr Loxp (Plasmid #104392) pET264-pUC 24xMS2V6 Loxp KANr Loxp (Plasmid #104393) Loop sequence: acatgaggatcacccatgt Addgene's sequencing result contains 1 nucleotide mismatch at bp# 345 when compared to the full plasmid sequence provided by the depositing laboratory.

Plasmid Name: pSL-MS2-6X

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260815T081259+0000

Ratings and Alerts

No rating or validation information has been found for pSL-MS2-6X.

No alerts have been found for pSL-MS2-6X.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Frommeyer SM, et al. (2026) The mRNA export factor UAP56 is required for dendrite and synapse pruning via actin regulation in Drosophila. Journal of cell science, 139(9).

Hostetler JE, et al. (2025) The long noncoding RNA Peanut (Gm11454) promotes neurogenesis and rod photoreceptor differentiation during postnatal retinal development. bioRxiv : the preprint server for biology.

Hu Y, et al. (2023) Enhanced single RNA imaging reveals dynamic gene expression in live animals. eLife, 12.

Lu W, et al. (2023) Drosophila oocyte specification is maintained by the dynamic duo of microtubule polymerase Mini spindles/XMAP215 and dynein. bioRxiv : the preprint server for biology.

Lu W, et al. (2023) The dynamic duo of microtubule polymerase Mini spindles/XMAP215 and cytoplasmic dynein is essential for maintaining Drosophila oocyte fate. Proceedings of the National Academy of Sciences of the United States of America, 120(39), e2303376120.

Estell C, et al. (2023) A restrictor complex of ZC3H4, WDR82, and ARS2 integrates with PNUTS to control unproductive transcription. Molecular cell, 83(13), 2222.

Karmakar S, et al. (2022) Integrative genome-wide analysis reveals EIF3A as a key downstream regulator of translational repressor protein Musashi 2 (MSI2). NAR cancer, 4(2), zcac015.

Estell C, et al. (2021) ZC3H4 restricts non-coding transcription in human cells. eLife, 10.

Wang X, et al. (2021) N6-methyladenosine modification of MALAT1 promotes metastasis via reshaping nuclear speckles. Developmental cell, 56(5), 702.

Xu H, et al. (2020) TriTag: an integrative tool to correlate chromatin dynamics and gene expression in living cells. Nucleic acids research, 48(22), e127.

Namkoong S, et al. (2018) Systematic Characterization of Stress-Induced RNA Granulation. Molecular cell, 70(1), 175.

Workman E, et al. (2014) U1A regulates 3' processing of the survival motor neuron mRNA. The Journal of biological chemistry, 289(6), 3703.

Wolter JM, et al. (2014) 3'LIFE: a functional assay to detect miRNA targets in high-throughput. Nucleic acids research, 42(17), e132.