

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 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: 20260808T081500+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 [nidm-terms](#) .

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) 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.

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*.

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.