

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

pMAL-c2X

RRID:Addgene_75286

Type: Plasmid

Proper Citation

RRID:Addgene_75286

Plasmid Information

URL: <http://www.addgene.org/75286>

Proper Citation: RRID:Addgene_75286

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20535468](#)

Vector Backbone Description: Backbone Marker:New England Biolabs; Backbone Size:6645; Vector Backbone:pMAL-c2X; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pMAL-c2X

Record Creation Time: 20220422T222457+0000

Record Last Update: 20260905T080108+0000

Ratings and Alerts

No rating or validation information has been found for pMAL-c2X.

No alerts have been found for pMAL-c2X.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Gaur P, et al. (2026) Sequence-dependent co-condensation of Lsr2 with DNA elucidates the mechanism of genome compaction in *Mycobacterium tuberculosis*. *Nucleic acids research*, 54(1).

Copley KE, et al. (2026) Isoform-specific steric zippers drive aberrant assembly and mislocalization of shortened TDP-43. *Science advances*, 12(26), eady0256.

Vuong LT, et al. (2025) A novel conserved protein associates with the IFT-A complex to mediate nuclear translocation of β -catenin in Wg/Wnt-signaling. *bioRxiv : the preprint server for biology*.

Müller M, et al. (2025) Ena/VASP-EVH1 inhibition prevents chemotaxis and metastasis by blocking the EVH1-WAVE2 interaction. *Proceedings of the National Academy of Sciences of the United States of America*, 122(26), e2423512122.

Li G, et al. (2025) DNA probe pulldown screening uncovers O-GlcNAcylation modulation of transcription factor DNA interactions. *Scientific reports*, 15(1), 22679.

Liu J, et al. (2025) The Epstein-Barr virus deubiquitinase BPLF1 regulates stress-induced ribosome UFMylation and reticulophagy. *Autophagy*, 21(5), 996.

Chen H, et al. (2025) A naturally occurring SNP modulates thermotolerance divergence among grapevines. *Nature communications*, 16(1), 5084.

Jiang Y, et al. (2024) O-glycosylation of the transcription factor SPATULA promotes style development in *Arabidopsis*. *Nature plants*, 10(2), 283.

Grams N, et al. (2024) Phosphorylation regulates viral biomolecular condensates to promote infectious progeny production. *The EMBO journal*, 43(2), 277.

Vuong LT, et al. (2024) Wg/Wnt-signaling-induced nuclear translocation of β -catenin is attenuated by a β -catenin peptide through its interference with the IFT-A complex. *Cell reports*, 43(6), 114362.

Park JE, et al. (2024) C-ter100 peptide derived from *Vibrio* vEP-45 protease acts as a pathogen-associated molecular pattern to induce inflammation and innate immunity. *PLoS pathogens*, 20(8), e1012474.

Keeler AM, et al. (2023) Exploring the Chain Release Mechanism from an Atypical Apicomplexan Polyketide Synthase. *Biochemistry*, 62(17), 2677.

Tun W, et al. (2023) Sucrose preferentially promotes expression of OsWRKY7 and OsPR10a to enhance defense response to blast fungus in rice. *Frontiers in plant science*, 14, 1117023.

Charman M, et al. (2023) A viral biomolecular condensate coordinates assembly of progeny particles. *Nature*, 616(7956), 332.

Wang Y, et al. (2022) SETD4-mediated KU70 methylation suppresses apoptosis. *Cell reports*, 39(6), 110794.

Mirzaeinia S, et al. (2022) Targeted Codelivery of Prodigiosin and Simvastatin Using Smart BioMOF: Functionalization by Recombinant Anti-VEGFR1 scFv. *Frontiers in bioengineering and biotechnology*, 10, 866275.

Shen H, et al. (2022) Sexually dimorphic RNA helicases DDX3X and DDX3Y differentially regulate RNA metabolism through phase separation. *Molecular cell*, 82(14), 2588.

Koca Y, et al. (2022) Notch-dependent Abl signaling regulates cell motility during ommatidial rotation in *Drosophila*. *Cell reports*, 41(10), 111788.

Deng Q, et al. (2022) Parafibromin governs cell polarity and centrosome assembly in *Drosophila* neural stem cells. *PLoS biology*, 20(10), e3001834.

Panagiotou TC, et al. (2022) An anillin-CIN85-SEPT9 complex promotes intercellular bridge maturation required for successful cytokinesis. *Cell reports*, 40(9), 111274.