

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[pHMM](#)

RRID:Addgene_67717

Type: Plasmid

Proper Citation

RRID:Addgene_67717

Plasmid Information

URL: <http://www.addgene.org/67717>

Proper Citation: RRID:Addgene_67717

Insert Name: Hexahistidine/Maltose binding protein/MS2 coat protein fusion

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17548432](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5422; Vector Backbone:pET30b; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: The MS2 coat protein in this plasmid contains the V29/dIFG mutations described in Lim and Peabody 1994 (Nucleic Acids Res. 1994 Sep 11;22(18):3748-52) which are reported to prevent coat protein multimerization and increase affinity for RNA.

Plasmid Name: pHMM

Record Creation Time: 20220422T222423+0000

Record Last Update: 20260829T080911+0000

Ratings and Alerts

No rating or validation information has been found for pHMM.

No alerts have been found for pHMM.

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 [RRID](#) .

Kim J, et al. (2024) START: A Versatile Platform for Bacterial Ligand Sensing with Programmable Performances. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(36), e2402029.

Pandya-Jones A, et al. (2020) A protein assembly mediates Xist localization and gene silencing. Nature, 587(7832), 145.