

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[phage-cmv-cfp-24xpp7](#)

RRID:Addgene_40652

Type: Plasmid

Proper Citation

RRID:Addgene_40652

Plasmid Information

URL: <http://www.addgene.org/40652>

Proper Citation: RRID:Addgene_40652

Insert Name: CFP-24xPP7

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22735544](#)

Vector Backbone Description: Vector Backbone:pHAGE-CMV; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please note that the final PP7 stem loop ends with CCAGCAGAGCATATGGGCTCG The depositing laboratory confirmed that the plasmid functions as described in the associated publication. The sequence for a single cassette (with the two non-identical stem-loops in uppercase) is:
taaggtaacctaattgcctagaaaGGAGCAGACGATATGGCGTCGCTCCctgcaggtcgactctagaaa-CCAGCAGAGCATATGGGCTCGCTGGctgcagtattcccgggttcatt

Plasmid Name: phage-cmv-cfp-24xpp7

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081438+0000

Ratings and Alerts

No rating or validation information has been found for phage-cmv-cfp-24xpp7.

No alerts have been found for phage-cmv-cfp-24xpp7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Pham TG, et al. (2026) Orthogonal RNA-regulated destabilization domains for three-color RNA imaging with minimal RNA perturbation. Nature methods, 23(1), 165.

Cheng S, et al. (2022) Mammalian oocytes store mRNAs in a mitochondria-associated membraneless compartment. Science (New York, N.Y.), 378(6617), eabq4835.

Guo Y, et al. (2022) Long-term imaging of individual mRNA molecules in living cells. Cell reports methods, 2(6), 100226.

Guo Y, et al. (2022) Label and quantify mRNA molecules in live cell experiments using SunRISER and dNEMO. STAR protocols, 3(3), 101630.

Greenberg E, et al. (2019) Cytoplasmic DNA can be detected by RNA fluorescence in situ hybridization. Nucleic acids research, 47(18), e109.