

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pCS2P+](#)

RRID:Addgene_17095

Type: Plasmid

Proper Citation

RRID:Addgene_17095

Plasmid Information

URL: <http://www.addgene.org/17095>

Proper Citation: RRID:Addgene_17095

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4103; Vector Backbone:pCS2+ (modified); Vector Types:xenopus/mammalian/avian/zebrafish; Bacterial Resistance:Ampicillin

Comments: pCS2+ has been modified by the deletion of the AC preceeding the T7 promoter addition of the sequence TTCTGCAGCCC immediately following the XbaI site. The PstI site added to CS2+ is encompassed in the sequence (CTGCAG). Modifications were made by Robert Davis of Marc Kirshner's lab to improve the efficiency of the transcription from the T7 promoter.

Plasmid Name: pCS2P+

Record Creation Time: 20220422T221954+0000

Record Last Update: 20260815T081012+0000

Ratings and Alerts

No rating or validation information has been found for pCS2P+.

No alerts have been found for pCS2P+.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Ohta M, et al. (2026) Phosphorylation remodels the mitotic centrosome matrix to generate bipartite γ -tubulin complex docking sites. *Science advances*, 12(22), eaed6539.

Liedtke D, et al. (2026) FRMPD4, a causal gene for intellectual disability and epilepsy, is associated with X-linked non-syndromic hearing loss. *medRxiv : the preprint server for health sciences*.

Ashraf N, et al. (2025) Factors that determine cell fate in mitotically arrested cancer cells. *Frontiers in cell and developmental biology*, 13, 1691574.

Vaché C, et al. (2023) Identification and in vivo functional investigation of a HOMER2 nonstop variant causing hearing loss. *European journal of human genetics : EJHG*, 31(7), 834.

Li Q, et al. (2021) Mechanism for food texture preference based on grittiness. *Current biology : CB*, 31(9), 1850.

Ohta M, et al. (2021) Polo-like kinase 1 independently controls microtubule-nucleating capacity and size of the centrosome. *The Journal of cell biology*, 220(2).

Pal D, et al. (2020) Rac and Arp2/3-Nucleated Actin Networks Antagonize Rho During Mitotic and Meiotic Cleavages. *Frontiers in cell and developmental biology*, 8, 591141.

Ono H, et al. (2020) Functional characterization of olfactory receptors in three *Dacini* fruit flies (Diptera: Tephritidae) that respond to 1-nonanol analogs as components in the rectal glands. *Comparative biochemistry and physiology. Part B, Biochemistry & molecular biology*, 239, 110346.

Bürgi J, et al. (2020) Ligand Binding to the Collagen VI Receptor Triggers a Talin-to-RhoA Switch that Regulates Receptor Endocytosis. *Developmental cell*, 53(4), 418.

Roca FJ, et al. (2019) TNF Induces Pathogenic Programmed Macrophage Necrosis in Tuberculosis through a Mitochondrial-Lysosomal-Endoplasmic Reticulum Circuit. *Cell*, 178(6), 1344.

Oprioreanu AM, et al. (2019) Interaction of Axonal Chondrolectin with Collagen XIXa1 Is Necessary for Precise Neuromuscular Junction Formation. *Cell reports*, 29(5), 1082.

Chu Z, et al. (2019) CDC20 contributes to the development of human cutaneous squamous cell carcinoma through the Wnt/ β -catenin signaling pathway. *International journal of oncology*, 54(5), 1534.

Miyazaki H, et al. (2018) Functional characterization of olfactory receptors in the Oriental fruit fly *Bactrocera dorsalis* that respond to plant volatiles. *Insect biochemistry and molecular biology*, 101, 32.

Cambier CJ, et al. (2017) Phenolic Glycolipid Facilitates Mycobacterial Escape from Microbicidal Tissue-Resident Macrophages. *Immunity*, 47(3), 552.

Eimon PM, et al. (2014) Studying apoptosis in the Zebrafish. *Methods in enzymology*, 544, 395.