

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pH3U3-mcs](#)

RRID:Addgene_12609

Type: Plasmid

Proper Citation

RRID:Addgene_12609

Plasmid Information

URL: <http://www.addgene.org/12609>

Proper Citation: RRID:Addgene_12609

Insert Name: Multiple cloning site in His3 Ura3 reporter plasmid

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:16041365](#)

Vector Backbone Description: Backbone Size:5790; Vector Backbone:pH3U3; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Please note that the cloning information for this plasmid has been corrected as of 1/14/09. The 5' cloning site was changed from MluI to NotI.

Plasmid Name: pH3U3-mcs

Record Creation Time: 20220422T221701+0000

Record Last Update: 20260815T080421+0000

Ratings and Alerts

No rating or validation information has been found for pH3U3-mcs.

No alerts have been found for pH3U3-mcs.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Hu X, et al. (2024) Systematic discovery of DNA-binding tandem repeat proteins. *Nucleic acids research*, 52(17), 10464.

Ochiai H, et al. (2023) Construction and Evaluation of Zinc Finger Nucleases. *Methods in molecular biology* (Clifton, N.J.), 2637, 1.

Sunami T, et al. (2020) Structural basis for designing an array of engrailed homeodomains. *Acta crystallographica. Section D, Structural biology*, 76(Pt 9), 824.

Sunami T, et al. (2019) Balance between DNA-binding affinity and specificity enables selective recognition of longer target sequences in vivo. *Protein science : a publication of the Protein Society*, 28(9), 1630.

Toyomane K, et al. (2019) Upstream sequence-dependent suppression and AtxA-dependent activation of protective antigens in *Bacillus anthracis*. *PeerJ*, 7, e6718.

Ochiai H, et al. (2017) Construction and Evaluation of Zinc Finger Nucleases. *Methods in molecular biology* (Clifton, N.J.), 1630, 1.

Spencer JM, et al. (2017) Deep mutational scanning of *S. pyogenes* Cas9 reveals important functional domains. *Scientific reports*, 7(1), 16836.

Liu WX, et al. (2013) Arabidopsis Di19 functions as a transcription factor and modulates PR1, PR2, and PR5 expression in response to drought stress. *Molecular plant*, 6(5), 1487.

Tsuji S, et al. (2013) Creating a TALE protein with unbiased 5'-T binding. *Biochemical and biophysical research communications*, 441(1), 262.

Ochiai H, et al. (2012) Zinc-finger nuclease-mediated targeted insertion of reporter genes for quantitative imaging of gene expression in sea urchin embryos. *Proceedings of the National Academy of Sciences of the United States of America*, 109(27), 10915.

Ochiai H, et al. (2010) Targeted mutagenesis in the sea urchin embryo using zinc-finger nucleases. *Genes to cells : devoted to molecular & cellular mechanisms*, 15(8), 875.

Huang XY, et al. (2009) A previously unknown zinc finger protein, DST, regulates drought and salt tolerance in rice via stomatal aperture control. *Genes & development*, 23(15), 1805.