

Resource Summary Report

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

[pHS3](#)

RRID:Addgene_81038

Type: Plasmid

Proper Citation

RRID:Addgene_81038

Plasmid Information

URL: <http://www.addgene.org/81038>

Proper Citation: RRID:Addgene_81038

Insert Name: NATMX - HO endonuclease

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8690; Vector Backbone:pRS316; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: The plasmid contains HO sequence with its endogenous promoter. Can be used for mating type switch, diploidization.

Plasmid Name: pHS3

Record Creation Time: 20220422T222528+0000

Record Last Update: 20260815T082043+0000

Ratings and Alerts

No rating or validation information has been found for pHS3.

No alerts have been found for pHS3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Hénault M, et al. (2024) The genomic landscape of transposable elements in yeast hybrids is shaped by structural variation and genotype-specific modulation of transposition rate. *eLife*, 12.

Pa?nik K, et al. (2021) Identification of novel genes involved in neutral lipid storage by quantitative trait loci analysis of *Saccharomyces cerevisiae*. *BMC genomics*, 22(1), 110.

Charron G, et al. (2019) Spontaneous whole-genome duplication restores fertility in interspecific hybrids. *Nature communications*, 10(1), 4126.