

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 31, 2026

[pET29a-YS14](#)

RRID:Addgene_66890

Type: Plasmid

Proper Citation

RRID:Addgene_66890

Plasmid Information

URL: <http://www.addgene.org/66890>

Proper Citation: RRID:Addgene_66890

Insert Name: His6-Thrombin-Xenopus laevis histones H2A

Organism: Xenopus laevis

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22617796](#)

Vector Backbone Description: Backbone Size:5371; Vector Backbone:pET29a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pET29a-YS14

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260829T080904+0000

Ratings and Alerts

No rating or validation information has been found for pET29a-YS14.

No alerts have been found for pET29a-YS14.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ho CH, et al. (2026) A method for cryo-EM analysis of eukaryotic nucleosomes reconstituted in bacterial cells. *iScience*, 29(1), 114453.

Fitzgerald O, et al. (2024) Protocol for evaluating the E3 ligase activity of BRCA1-BARD1 and its variants by nucleosomal histone ubiquitylation. *STAR protocols*, 5(3), 103294.

You Q, et al. (2024) Human 8-oxoguanine glycosylase OGG1 binds nucleosome at the dsDNA ends and the super-helical locations. *Communications biology*, 7(1), 1202.

Mandemaker IK, et al. (2023) The histone chaperone ANP32B regulates chromatin incorporation of the atypical human histone variant macroH2A. *Cell reports*, 42(10), 113300.

Wang F, et al. (2023) The *Saccharomyces cerevisiae* Yta7 ATPase hexamer contains a unique bromodomain tier that functions in nucleosome disassembly. *The Journal of biological chemistry*, 299(2), 102852.

Oh S, et al. (2020) Yeast Nuak1 phosphorylates histone H3 threonine 11 in low glucose stress by the cooperation of AMPK and CK2 signaling. *eLife*, 9.

Foglizzo M, et al. (2018) A bidentate Polycomb Repressive-Deubiquitinase complex is required for efficient activity on nucleosomes. *Nature communications*, 9(1), 3932.

Davidson IF, et al. (2016) Rapid movement and transcriptional re-localization of human cohesin on DNA. *The EMBO journal*, 35(24), 2671.