

# Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

## mH2A2-CT-GFP

RRID:Addgene\_45171

Type: Plasmid

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### Proper Citation

RRID:Addgene\_45171

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### Plasmid Information

**URL:** <http://www.addgene.org/45171>

**Proper Citation:** RRID:Addgene\_45171

**Insert Name:** H2Afy2

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:11331621](#)

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N3; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** Please note that Addgene's sequencing result identified a single nucleotide mismatch at bp# 653 when compared to GenBank ID AF336304. This silent mutation does not affect the protein sequence.

**Plasmid Name:** mH2A2-CT-GFP

**Record Creation Time:** 20220422T222233+0000

**Record Last Update:** 20260829T080549+0000

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### Ratings and Alerts

No rating or validation information has been found for mH2A2-CT-GFP.

No alerts have been found for mH2A2-CT-GFP.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Xu X, et al. (2021) The epigenetic regulator LSH maintains fork protection and genomic stability via MacroH2A deposition and RAD51 filament formation. Nature communications, 12(1), 3520.