

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

mH2A2-CT-GFP

RRID:Addgene_45171

Type: Plasmid

Proper Citation

RRID:Addgene_45171

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: 20260815T081521+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.