

# Resource Summary Report

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

## pGFP-nE-mHP1alpha

RRID:Addgene\_181895

Type: Plasmid

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### Proper Citation

RRID:Addgene\_181895

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### Plasmid Information

**URL:** <http://www.addgene.org/181895>

**Proper Citation:** RRID:Addgene\_181895

**Insert Name:** nE-mHP1alpha

**Organism:** Mus musculus

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:32101700](#)

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4731; Vector Backbone:pEGFP-C; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** PCR on gene block containing mutations (four serine residues in the N-terminus converted to glutamic acid) switched out HP1 using BspEI (Kpn2I) and BamHI. For additional reference on HP1alpha, please see Larson et al. 2017 Nature, PMID 28636604, <https://doi.org/10.1038/nature22822>

**Plasmid Name:** pGFP-nE-mHP1alpha

**Relevant Mutation:** S11E, S12E, S13E, S14E

**Record Creation Time:** 20220910T080226+0000

**Record Last Update:** 20260815T082342+0000

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### Ratings and Alerts

No rating or validation information has been found for pGFP-nE-mHP1alpha.

No alerts have been found for pGFP-nE-mHP1alpha.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.