

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

pBABE-H2BGFP

RRID:Addgene_26790

Type: Plasmid

Proper Citation

RRID:Addgene_26790

Plasmid Information

URL: <http://www.addgene.org/26790>

Proper Citation: RRID:Addgene_26790

Insert Name: H2B-GFP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20551166](#)

Vector Backbone Description: Backbone Marker:Bob Weinberg, Addgene plasmid 1764; Backbone Size:5200; Vector Backbone:pBabe-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: H2B-GFP was cloned from pBOS-H2B-GFP (BD Biosciences) into the pBABE retroviral vector.

Plasmid Name: pBABE-H2BGFP

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260829T080311+0000

Ratings and Alerts

No rating or validation information has been found for pBABE-H2BGFP.

No alerts have been found for pBABE-H2BGFP.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wen Y, et al. (2021) Myonuclear transcriptional dynamics in response to exercise following satellite cell depletion. *iScience*, 24(8), 102838.

Lukow DA, et al. (2021) Chromosomal instability accelerates the evolution of resistance to anti-cancer therapies. *Developmental cell*, 56(17), 2427.

Pinzaru AM, et al. (2020) Replication stress conferred by POT1 dysfunction promotes telomere relocalization to the nuclear pore. *Genes & development*, 34(23-24), 1619.

Cuenca MB, et al. (2020) An Integrative and Modular Framework to Recapitulate Emergent Behavior in Cell Migration. *Frontiers in cell and developmental biology*, 8, 615759.

Oser MG, et al. (2019) Cells Lacking the RB1 Tumor Suppressor Gene Are Hyperdependent on Aurora B Kinase for Survival. *Cancer discovery*, 9(2), 230.

Mugahid DA, et al. (2019) Proteomic and Transcriptomic Changes in Hibernating Grizzly Bears Reveal Metabolic and Signaling Pathways that Protect against Muscle Atrophy. *Scientific reports*, 9(1), 19976.

Cánovas B, et al. (2018) Targeting p38 γ Increases DNA Damage, Chromosome Instability, and the Anti-tumoral Response to Taxanes in Breast Cancer Cells. *Cancer cell*, 33(6), 1094.

Zhang Y, et al. (2018) Nuclear Nestin deficiency drives tumor senescence via lamin A/C-dependent nuclear deformation. *Nature communications*, 9(1), 3613.

Harding SM, et al. (2017) Mitotic progression following DNA damage enables pattern recognition within micronuclei. *Nature*, 548(7668), 466.

Herrtwich L, et al. (2016) DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. *Cell*, 167(5), 1264.

Marchesin V, et al. (2015) ARF6-JIP3/4 regulate endosomal tubules for MT1-MMP exocytosis in cancer invasion. *The Journal of cell biology*, 211(2), 339.

Kim MK, et al. (2014) Persistent telomere cohesion triggers a prolonged anaphase. *Molecular biology of the cell*, 25(1), 30.