

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

H2B-GFP

RRID:Addgene_11680

Type: Plasmid

Proper Citation

RRID:Addgene_11680

Plasmid Information

URL: <http://www.addgene.org/11680>

Proper Citation: RRID:Addgene_11680

Insert Name: Human histone H2B

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:9545195](#)

Vector Backbone Description: Backbone Size:4733; Vector Backbone:pEGFP-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Two sequence differences from consensus sequence (D26G and V119I) were detected in Addgene sequencing. This clone is as originally published and isolated.

Plasmid Name: H2B-GFP

Record Creation Time: 20220422T221612+0000

Record Last Update: 20260725T073602+0000

Ratings and Alerts

No rating or validation information has been found for H2B-GFP.

No alerts have been found for H2B-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 109 mentions in open access literature.

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

Bou Antoun N, et al. (2025) Development and Characterization of Three Novel FGFR Inhibitor Resistant Cervical Cancer Cell Lines to Help Drive Cervical Cancer Research. International journal of molecular sciences, 26(5).

Andoh M, et al. (2025) Nonapoptotic caspase-3 guides C1q-dependent synaptic phagocytosis by microglia. Nature communications, 16(1), 918.

Wu M, et al. (2025) Genomic copy-number variants drive apoptotic evasion underlying acquired resistance to immune checkpoint inhibitors. Immunity, 58(11), 2864.

Cannon AC, et al. (2024) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. Oncogene, 43(10), 729.

Di Giorgio E, et al. (2024) HDAC4 influences the DNA damage response and counteracts senescence by assembling with HDAC1/HDAC2 to control H2BK120 acetylation and homology-directed repair. Nucleic acids research, 52(14), 8218.

Bueno C, et al. (2024) The nuclei of human adult stem cells can move within the cell and generate cellular protrusions to contact other cells. Stem cell research & therapy, 15(1), 32.

Rodrigues JS, et al. (2024) dsRNAi-mediated silencing of PIAS2beta specifically kills anaplastic carcinomas by mitotic catastrophe. Nature communications, 15(1), 3736.

Notario Manzano R, et al. (2024) Proteomic landscape of tunneling nanotubes reveals CD9 and CD81 tetraspanins as key regulators. eLife, 13.

Ya A, et al. (2024) Cell Competition Eliminates Aneuploid Human Pluripotent Stem Cells. bioRxiv : the preprint server for biology.

Osanai Y, et al. (2024) 5' Transgenes drive leaky expression of 3' transgenes in Cre-inducible bi-cistronic vectors. Molecular therapy. Methods & clinical development, 32(3), 101288.

Labat-de-Hoz L, et al. (2024) INF2 formin variants linked to human inherited kidney disease reprogram the transcriptome, causing mitotic chaos and cell death. Cellular and molecular life sciences : CMLS, 81(1), 279.

Loftus AEP, et al. (2024) An ILK/STAT3 pathway controls glioblastoma stem cell plasticity. Developmental cell, 59(24), 3197.

Lui JC, et al. (2023) Loss-of-function variant in SPIN4 causes an X-linked overgrowth syndrome. JCI insight, 8(9).

Tomas Bort E, et al. (2023) Purinergic GPCR-integrin interactions drive pancreatic cancer cell invasion. eLife, 12.

Piemonte KM, et al. (2023) Disruption of CDK7 signaling leads to catastrophic chromosomal instability coupled with a loss of condensin-mediated chromatin compaction. *The Journal of biological chemistry*, 299(7), 104834.

Haarer EL, et al. (2023) Genomic instability caused by Arp2/3 complex inactivation results in micronucleus biogenesis and cellular senescence. *PLoS genetics*, 19(1), e1010045.

Gibson SV, et al. (2023) ADAMTS3 restricts cancer invasion in models of early breast cancer progression through enhanced fibronectin degradation. *Matrix biology : journal of the International Society for Matrix Biology*, 121, 74.

Boothe T, et al. (2023) Content aware image restoration improves spatiotemporal resolution in luminescence imaging. *Communications biology*, 6(1), 518.

Chen S, et al. (2023) PAQR8 promotes breast cancer recurrence and confers resistance to multiple therapies. *Breast cancer research : BCR*, 25(1), 1.

Cannon AC, et al. (2023) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. *bioRxiv : the preprint server for biology*.