

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 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: 20260808T080530+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 110 mentions in open access literature.

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

Ishii M, et al. (2026) Intensity modulation of trichromatic split fluorescent proteins for live cell mapping. *Cell reports methods*, 6(4), 101363.

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).

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

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

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

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.

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.

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.

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.

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

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

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

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

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.

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.

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.

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.

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

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