

Resource Summary Report

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

H2B-Venus

RRID:Addgene_20971

Type: Plasmid

Proper Citation

RRID:Addgene_20971

Plasmid Information

URL: <http://www.addgene.org/20971>

Proper Citation: RRID:Addgene_20971

Insert Name: Histone cluster 1, H2bb

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19896442](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The accession number for H2B.1 sequence X57127 was obtained from Fraser et al., 2005 (<https://doi.org/10.1002/gene.20139>). The actual DNA was PCR amplified from HEK293 genomic DNA then cloned into pEGFP-N1 as described in Kanda et al., 1998 ([https://doi.org/10.1016/s0960-9822\(98\)70156-3](https://doi.org/10.1016/s0960-9822(98)70156-3)). That H2B.1-EGFP construct was used as template to synthesize the construct here. An EcoRI site in the H2B.1 sequence was silently mutated. The Venus cDNA was obtained from Dr. Anna-Katerina Hadjantonakis.

Plasmid Name: H2B-Venus

Record Creation Time: 20220422T222053+0000

Record Last Update: 20260725T074422+0000

Ratings and Alerts

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

No alerts have been found for H2B-Venus.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Salgado MG, et al. (2022) Legume NCRs and nodule-specific defensins of actinorhizal plants-Do they share a common origin? PloS one, 17(8), e0268683.

Castillo-Badillo JA, et al. (2021) An optogenetic model reveals cell shape regulation through FAK and fascin. Journal of cell science, 134(13).

Ilina EL, et al. (2018) Lateral root initiation and formation within the parental root meristem of Cucurbita pepo: is auxin a key player? Annals of botany, 122(5), 873.

Penzo-Mendez AI, et al. (2015) Spontaneous Cell Competition in Immortalized Mammalian Cell Lines. PloS one, 10(7), e0132437.