

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

H2B-Orange

RRID:Addgene_20969

Type: Plasmid

Proper Citation

RRID:Addgene_20969

Plasmid Information

URL: <http://www.addgene.org/20969>

Proper Citation: RRID:Addgene_20969

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 Orange cDNA was obtained from Dr. Roger Tsien.

Plasmid Name: H2B-Orange

Record Creation Time: 20220422T222053+0000

Record Last Update: 20260905T075350+0000

Ratings and Alerts

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

No alerts have been found for H2B-Orange.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.