

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

pCS-H2B-EGFP

RRID:Addgene_53744

Type: Plasmid

Proper Citation

RRID:Addgene_53744

Plasmid Information

URL: <http://www.addgene.org/53744>

Proper Citation: RRID:Addgene_53744

Insert Name: histone H2B

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19378112](#)

Vector Backbone Description: Backbone Marker:RZPD; Backbone Size:4095; Vector Backbone:pCS2+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Cut with NotI and use SP6 for sense RNA.

Plasmid Name: pCS-H2B-EGFP

Record Creation Time: 20220422T222315+0000

Record Last Update: 20260829T080700+0000

Ratings and Alerts

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

No alerts have been found for pCS-H2B-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Santhi Velayudhan S, et al. (2026) Planar polarization of endogenous ADIP during *Xenopus* neurulation. *Biology open*, 15(2).

Stamatov R, et al. (2025) Supra-second tracking and live-cell karyotyping reveal principles of mitotic chromosome dynamics. *Nature cell biology*, 27(4), 654.

Liao Z, et al. (2024) Reprogramming mechanism dissection and trophoblast replacement application in monkey somatic cell nuclear transfer. *Nature communications*, 15(1), 5.

Sousa-Ortega A, et al. (2023) A Yap-dependent mechanoregulatory program sustains cell migration for embryo axis assembly. *Nature communications*, 14(1), 2804.

Lane M, et al. (2022) Microinjection of *Xenopus tropicalis* Embryos. *Cold Spring Harbor protocols*, 2022(4), Pdb.prot107644.

Sequerra EB, et al. (2018) NMDA Receptor Signaling Is Important for Neural Tube Formation and for Preventing Antiepileptic Drug-Induced Neural Tube Defects. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(20), 4762.