

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pCAG-H2BtdiRFP-IP](#)

RRID:Addgene_47884

Type: Plasmid

Proper Citation

RRID:Addgene_47884

Plasmid Information

URL: <http://www.addgene.org/47884>

Proper Citation: RRID:Addgene_47884

Insert Name: H2B-tdiRFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24096363](#)

Vector Backbone Description: Vector Backbone:pCAG-ME-IP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-H2BtdiRFP-IP

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081546+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-H2BtdiRFP-IP.

No alerts have been found for pCAG-H2BtdiRFP-IP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Pineau J, et al. (2025) Fine-tuning mechanical constraints reveals uncoupled patterning and gene expression programs in murine gastruloids. *Development* (Cambridge, England), 152(18).

Li X, et al. (2024) MCRS1 sensitizes T cell-dependent immunotherapy by augmenting MHC-I expression in solid tumors. *The Journal of experimental medicine*, 221(12).

Guthmann M, et al. (2023) A change in biophysical properties accompanies heterochromatin formation in mouse embryos. *Genes & development*, 37(7-8), 336.

Lagadec F, et al. (2022) CRM1 Promotes Capsid Disassembly and Nuclear Envelope Translocation of Adenovirus Independently of Its Export Function. *Journal of virology*, 96(3), e0127321.

Frade J, et al. (2019) Controlled ploidy reduction of pluripotent 4n cells generates 2n cells during mouse embryo development. *Science advances*, 5(10), eaax4199.

Komatsu T, et al. (2018) In Vivo Labelling of Adenovirus DNA Identifies Chromatin Anchoring and Biphasic Genome Replication. *Journal of virology*, 92(18).

Komatsu T, et al. (2016) Tracking adenovirus genomes identifies morphologically distinct late DNA replication compartments. *Traffic* (Copenhagen, Denmark), 17(11), 1168.

Komatsu T, et al. (2015) A Method for Visualization of Incoming Adenovirus Chromatin Complexes in Fixed and Living Cells. *PloS one*, 10(9), e0137102.