

Resource Summary Report

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

pH2B_mCherry_IRES_puro2

RRID:Addgene_21045

Type: Plasmid

Proper Citation

RRID:Addgene_21045

Plasmid Information

URL: <http://www.addgene.org/21045>

Proper Citation: RRID:Addgene_21045

Insert Name: pH2B

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19203582](#)

Vector Backbone Description: Backbone Size:5835; Vector Backbone:IRES_puro_2b; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pH2B_mCherry_IRES_puro2

Record Creation Time: 20220422T222054+0000

Record Last Update: 20260725T074422+0000

Ratings and Alerts

No rating or validation information has been found for pH2B_mCherry_IRES_puro2.

No alerts have been found for pH2B_mCherry_IRES_puro2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Goncharov NV, et al. (2025) Therapy enhancing chromosome instability may be advantageous for IDH1 R132H/WT gliomas. *NAR cancer*, 7(1), zcaf003.

Oliva MÁ, et al. (2022) Effect of Clinically Used Microtubule Targeting Drugs on Viral Infection and Transport Function. *International journal of molecular sciences*, 23(7).

Dittmar T, et al. (2021) Cell-Cell Fusion Mediated by Viruses and HERV-Derived Fusogens in Cancer Initiation and Progression. *Cancers*, 13(21).

Merta H, et al. (2021) Cell cycle regulation of ER membrane biogenesis protects against chromosome missegregation. *Developmental cell*, 56(24), 3364.

Sieler M, et al. (2021) Cell-Cell Fusion and the Roads to Novel Properties of Tumor Hybrid Cells. *Cells*, 10(6).

Babic J, et al. (2018) An easy-to-build and re-usable microfluidic system for live-cell imaging. *BMC cell biology*, 19(1), 8.

Maiuri T, et al. (2017) Huntingtin is a scaffolding protein in the ATM oxidative DNA damage response complex. *Human molecular genetics*, 26(2), 395.

Pirovano G, et al. (2017) TOPK modulates tumour-specific radiosensitivity and correlates with recurrence after prostate radiotherapy. *British journal of cancer*, 117(4), 503.

Chen T, et al. (2016) A drug-compatible and temperature-controlled microfluidic device for live-cell imaging. *Open biology*, 6(8).

Bai J, et al. (2015) Contact-dependent carcinoma aggregate dispersion by M2a macrophages via ICAM-1 and $\alpha 2$ integrin interactions. *Oncotarget*, 6(28), 25295.

Niu Y, et al. (2014) Validating antimetastatic effects of natural products in an engineered microfluidic platform mimicking tumor microenvironment. *Molecular pharmaceutics*, 11(7), 2022.

Aref AR, et al. (2013) Screening therapeutic EMT blocking agents in a three-dimensional microenvironment. *Integrative biology : quantitative biosciences from nano to macro*, 5(2), 381.