

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pLenti.PGK.H2B-chFP.W

RRID:Addgene_51007

Type: Plasmid

Proper Citation

RRID:Addgene_51007

Plasmid Information

URL: <http://www.addgene.org/51007>

Proper Citation: RRID:Addgene_51007

Insert Name: H2B-ChFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26209648](#)

Vector Backbone Description: Backbone Size:6686; Vector Backbone:pRRLsin.cPPT.PGKp.eGFP.wpre; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please note that the H2B sequence in this plasmid was derived from H2B-GFP (Addgene plasmid# 11680) and contains the same differences (D26G and V119I) compared to GenBank reference sequences, such as NP_066402.2.

Plasmid Name: pLenti.PGK.H2B-chFP.W

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260815T081610+0000

Ratings and Alerts

No rating or validation information has been found for pLenti.PGK.H2B-chFP.W.

No alerts have been found for pLenti.PGK.H2B-chFP.W.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Steinbauer S, et al. (2025) Enhanced bioluminescence imaging of tumor cells surviving chemotherapy in a murine model of triple-negative breast cancer. NPJ breast cancer, 11(1), 80.

Tran AT, et al. (2024) Cytoplasmic accumulation and plasma membrane association of anillin and Ect2 promote confined migration and invasion. Research square.

Pruitt HC, et al. (2023) Collagen VI deposition mediates stromal T cell trapping through inhibition of T cell motility in the prostate tumor microenvironment. Matrix biology : journal of the International Society for Matrix Biology, 121, 90.

Zhang Y, et al. (2022) Polarized NHE1 and SWELL1 regulate migration direction, efficiency and metastasis. Nature communications, 13(1), 6128.

Baldominos P, et al. (2022) Quiescent cancer cells resist T cell attack by forming an immunosuppressive niche. Cell, 185(10), 1694.

Wisniewski EO, et al. (2020) Dorsoventral polarity directs cell responses to migration track geometries. Science advances, 6(31), eaba6505.

Zhao R, et al. (2019) Cell sensing and decision-making in confinement: The role of TRPM7 in a tug of war between hydraulic pressure and cross-sectional area. Science advances, 5(7), eaaw7243.

Leng C, et al. (2019) Loss of MYO5B expression deregulates late endosome size which hinders mitotic spindle orientation. PLoS biology, 17(11), e3000531.

Grabocka E, et al. (2016) Mutant KRAS Enhances Tumor Cell Fitness by Upregulating Stress Granules. Cell, 167(7), 1803.