

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

Dendra2-H3.3-N-14

RRID:Addgene_57725

Type: Plasmid

Proper Citation

RRID:Addgene_57725

Plasmid Information

URL: <http://www.addgene.org/57725>

Proper Citation: RRID:Addgene_57725

Insert Name: H3.3

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:Dendra2-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 490 / 553; Emission = 507 / 573

Plasmid Name: Dendra2-H3.3-N-14

Record Creation Time: 20220422T222334+0000

Record Last Update: 20260815T081708+0000

Ratings and Alerts

No rating or validation information has been found for Dendra2-H3.3-N-14.

No alerts have been found for Dendra2-H3.3-N-14.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Doherty CA, et al. (2021) Coupled oscillators coordinate collective germline growth. *Developmental cell*, 56(6), 860.

Ma B, et al. (2020) Differential Histone Distribution Patterns in Induced Asymmetrically Dividing Mouse Embryonic Stem Cells. *Cell reports*, 32(6), 108003.

Ma B, et al. (2020) Protocol for Establishing Mouse Embryonic Stem Cells to Study Histone Inheritance Pattern at Single-Cell Resolution. *STAR protocols*, 1(3), 100178.

Chaigne A, et al. (2020) Abscission Couples Cell Division to Embryonic Stem Cell Fate. *Developmental cell*, 55(2), 195.

Shindo Y, et al. (2019) Dynamics of Free and Chromatin-Bound Histone H3 during Early Embryogenesis. *Current biology : CB*, 29(2), 359.

Katiyar A, et al. (2019) Nuclear size changes caused by local motion of cell boundaries unfold the nuclear lamina and dilate chromatin and intranuclear bodies. *Soft matter*, 15(45), 9310.

Tocco VJ, et al. (2018) The nucleus is irreversibly shaped by motion of cell boundaries in cancer and non-cancer cells. *Journal of cellular physiology*, 233(2), 1446.