

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

DsRed2-N1

RRID:Addgene_54493

Type: Plasmid

Proper Citation

RRID:Addgene_54493

Plasmid Information

URL: <http://www.addgene.org/54493>

Proper Citation: RRID:Addgene_54493

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:DsRed2-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 558; Emission = 583

Plasmid Name: DsRed2-N1

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260912T092850+0000

Ratings and Alerts

No rating or validation information has been found for DsRed2-N1.

No alerts have been found for DsRed2-N1.

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 [NIF](#) .

Eom Y, et al. (2026) Prenatal exposure to particulate matter impairs offspring behavior via hippocampal NMDA receptor reduction: an in vivo and ex vivo study. *Environment international*, 211, 110270.

Guan X, et al. (2025) PALB2 deficiency may sensitize H3K27M-mutant pediatric HGG cells to BMN673/talazoparib. *Frontiers in oncology*, 15, 1589396.

Eom Y, et al. (2024) Mitochondrial Calcium Waves by Electrical Stimulation in Cultured Hippocampal Neurons. *Molecular neurobiology*, 61(6), 3477.

Jeon Y, et al. (2024) RNA-mediated double-strand break repair by end-joining mechanisms. *Nature communications*, 15(1), 7935.

Cui W, et al. (2021) Lipophagy-derived fatty acids undergo extracellular efflux via lysosomal exocytosis. *Autophagy*, 17(3), 690.

Takehashi A, et al. (2021) Canopy Homolog 2 as a Novel Molecular Target in Hepatocarcinogenesis. *Cancers*, 13(14).

Shanmugam G, et al. (2019) A novel reporter construct for screening small molecule inhibitors that specifically target self-renewing cancer cells. *Experimental cell research*, 383(2), 111551.

Tan P, et al. (2017) Assembly of the WHIP-TRIM14-PPP6C Mitochondrial Complex Promotes RIG-I-Mediated Antiviral Signaling. *Molecular cell*, 68(2), 293.