

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

dsRed-cent2

RRID:Addgene_29523

Type: Plasmid

Proper Citation

RRID:Addgene_29523

Plasmid Information

URL: <http://www.addgene.org/29523>

Proper Citation: RRID:Addgene_29523

Insert Name: Cent2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15173193](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pDsRed1-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: dsRed-cent2

Record Creation Time: 20220422T222130+0000

Record Last Update: 20260725T074532+0000

Ratings and Alerts

No rating or validation information has been found for dsRed-cent2.

No alerts have been found for dsRed-cent2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Schampera JN, et al. (2025) Borg3 controls septin polymerization for primary cilia formation. *iScience*, 28(6), 112638.

Bernabé-Rubio M, et al. (2021) Adaptive Lipid Immiscibility and Membrane Remodeling Are Active Functional Determinants of Primary Ciliogenesis. *Small methods*, 5(2), e2000711.

Aghaizu ND, et al. (2021) Repeated nuclear translocations underlie photoreceptor positioning and lamination of the outer nuclear layer in the mammalian retina. *Cell reports*, 36(5), 109461.

Bello-Gamboa A, et al. (2020) Actin reorganization at the centrosomal area and the immune synapse regulates polarized secretory traffic of multivesicular bodies in T lymphocytes. *Journal of extracellular vesicles*, 9(1), 1759926.

Yu H, et al. (2020) Phosphorylation of keratin 18 serine 52 regulates mother-daughter centriole engagement and microtubule nucleation by cell cycle-dependent accumulation at the centriole. *Histochemistry and cell biology*, 153(5), 307.

Bamba Y, et al. (2017) Visualization of migration of human cortical neurons generated from induced pluripotent stem cells. *Journal of neuroscience methods*, 289, 57.

Lee SH, et al. (2016) MCERS1 associates with cytoplasmic dynein and mediates pericentrosomal material recruitment. *Scientific reports*, 6, 27284.

Bernabé-Rubio M, et al. (2016) Novel role for the midbody in primary ciliogenesis by polarized epithelial cells. *The Journal of cell biology*, 214(3), 259.

Shiratsuchi G, et al. (2015) RBM14 prevents assembly of centriolar protein complexes and maintains mitotic spindle integrity. *The EMBO journal*, 34(1), 97.

Ostrem BE, et al. (2014) Control of outer radial glial stem cell mitosis in the human brain. *Cell reports*, 8(3), 656.