

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[pDESTtol2pACrymCherry](#)

RRID:Addgene_64023

Type: Plasmid

Proper Citation

RRID:Addgene_64023

Plasmid Information

URL: <http://www.addgene.org/64023>

Proper Citation: RRID:Addgene_64023

Insert Name: mCherry

Organism: Danio rerio

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:23444339](#)

Vector Backbone Description: Backbone Marker:Kwan et al., 2007; Vector Backbone:pDestTol2pA2; Vector Types:Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pDESTtol2pACrymCherry

Record Creation Time: 20220422T222406+0000

Record Last Update: 20260815T081807+0000

Ratings and Alerts

No rating or validation information has been found for pDESTtol2pACrymCherry.

No alerts have been found for pDESTtol2pACrymCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Riley DM, et al. (2026) Functional genomics analysis of developing zebrafish and human endoderm reveals highly conserved cis-regulatory modules acting during vertebrate organogenesis. *Genome research*, 36(4), 695.

Mi X, et al. (2025) Fast, accurate, and versatile data analysis platform for the quantification of molecular spatiotemporal signals. *Cell*, 188(10), 2794.

Chavez MN, et al. (2024) Spns1-dependent endocardial lysosomal function drives valve morphogenesis through Notch1-signaling. *iScience*, 27(12), 111406.

Dai C, et al. (2024) Hyperaminoacidemia from interrupted glucagon signaling increases pancreatic acinar cell proliferation and size via mTORC1 and YAP pathways. *iScience*, 27(12), 111447.

Dasgupta A, et al. (2024) Semaphorin7A patterns neural circuitry in the lateral line of the zebrafish. *eLife*, 12.

Bin JM, et al. (2024) Importin 13-dependent axon diameter growth regulates conduction speeds along myelinated CNS axons. *Nature communications*, 15(1), 1790.

Mi X, et al. (2024) Fast, Accurate, and Versatile Data Analysis Platform for the Quantification of Molecular Spatiotemporal Signals. *bioRxiv* : the preprint server for biology.

Sunadome K, et al. (2023) Directionality of developing skeletal muscles is set by mechanical forces. *Nature communications*, 14(1), 3060.

Venuto A, et al. (2022) Alone in a crowd: effect of a nonfunctional lateral line on expression of the social hormone parathyroid hormone 2. *Biology open*, 11(10).

Shoenhard H, et al. (2022) The calcium-sensing receptor (CaSR) regulates zebrafish sensorimotor decision making via a genetically defined cluster of hindbrain neurons. *Cell reports*, 41(10), 111790.

Almeida RG, et al. (2021) Myelination induces axonal hotspots of synaptic vesicle fusion that promote sheath growth. *Current biology : CB*, 31(17), 3743.

Pacentine IV, et al. (2019) Subunits of the mechano-electrical transduction channel, Tmc1/2b, require Tmie to localize in zebrafish sensory hair cells. *PLoS genetics*, 15(2), e1007635.

Gawdzik JC, et al. (2018) sox9b is required in cardiomyocytes for cardiac morphogenesis and function. *Scientific reports*, 8(1), 13906.

Quillien A, et al. (2017) Robust Identification of Developmentally Active Endothelial Enhancers in Zebrafish Using FANS-Assisted ATAC-Seq. *Cell reports*, 20(3), 709.