# 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.

Ch??vez 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.