

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

pDestTol2pACryGFP

RRID:Addgene_64022

Type: Plasmid

Proper Citation

RRID:Addgene_64022

Plasmid Information

URL: <http://www.addgene.org/64022>

Proper Citation: RRID:Addgene_64022

Insert Name: GFP

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: pDestTol2pACryGFP

Record Creation Time: 20220422T222406+0000

Record Last Update: 20260815T081807+0000

Ratings and Alerts

No rating or validation information has been found for pDestTol2pACryGFP.

No alerts have been found for pDestTol2pACryGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Sebo DJ, et al. (2025) Activation of Wnt/??-catenin in neural progenitor cells regulates blood-brain barrier development and promotes neuroinflammation. *Scientific reports*, 15(1), 3496.

Hussain S, et al. (2025) Microtubule networks in zebrafish hair cells facilitate presynapse transport and fusion during development. *eLife*, 13.

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

Panara V, et al. (2024) Multiple cis-regulatory elements control prox1a expression in distinct lymphatic vascular beds. *Development (Cambridge, England)*, 151(9).

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).

Yang J, et al. (2021) Super-Enhancer-Associated Transcription Factors Maintain Transcriptional Regulation in Mature Podocytes. *Journal of the American Society of Nephrology : JASN*, 32(6), 1323.

Wang Y, et al. (2021) A robust and flexible CRISPR/Cas9-based system for neutrophil-specific gene inactivation in zebrafish. *Journal of cell science*, 134(8).

Mackey AS, et al. (2020) Codon optimized Tol2 transposase results in increased transient expression of a crystallin-GFP transgene in zebrafish. *microPublication biology*, 2020.

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

Addison M, et al. (2018) Cell Identity Switching Regulated by Retinoic Acid Signaling Maintains Homogeneous Segments in the Hindbrain. *Developmental cell*, 45(5), 606.

Konjikusic MJ, et al. (2018) Mutations in Kinesin family member 6 reveal specific role in ependymal cell ciliogenesis and human neurological development. *PLoS genetics*, 14(11), e1007817.