

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

pENTR5'_ubi

RRID:Addgene_27320

Type: Plasmid

Proper Citation

RRID:Addgene_27320

Plasmid Information

URL: <http://www.addgene.org/27320>

Proper Citation: RRID:Addgene_27320

Insert Name: zebrafish ubiquitin promoter

Organism: Danio rerio

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21138979](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2692; Vector Backbone:pENTR5' TOPO; Vector Types:Multisite Gateway 5' entry vector; Bacterial Resistance:Kanamycin

Plasmid Name: pENTR5'_ubi

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260801T081101+0000

Ratings and Alerts

No rating or validation information has been found for pENTR5'_ubi.

No alerts have been found for pENTR5'_ubi.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Ruetten VMS, et al. (2025) Imaging cellular activity simultaneously across all organs of a vertebrate reveals body-wide circuits. *bioRxiv : the preprint server for biology*.

Guo F, et al. (2025) Cre-Lox miRNA-delivery technology optimized for inducible microRNA and gene-silencing studies in zebrafish. *Nucleic acids research*, 53(2).

Vasileva E, et al. (2024) Origin of Ewing sarcoma by embryonic reprogramming of neural crest to mesoderm. *bioRxiv : the preprint server for biology*.

Wang P, et al. (2023) A single-shot hyperspectral phasor camera for fast, multi-color fluorescence microscopy. *Cell reports methods*, 3(4), 100441.

Blum N, et al. (2023) Localized heterochrony integrates overgrowth potential of oncogenic clones. *Disease models & mechanisms*, 16(2).

Olatunji D, et al. (2023) The class VIII myosin ATM1 is required for root apical meristem function. *Development (Cambridge, England)*, 150(20).

Espinosa-Medina I, et al. (2023) TEMPO enables sequential genetic labeling and manipulation of vertebrate cell lineages. *Neuron*, 111(3), 345.

Watson S, et al. (2023) VGLL2-NCOA2 leverages developmental programs for pediatric sarcomagenesis. *Cell reports*, 42(1), 112013.

Vasileva E, et al. (2022) Dysregulated heparan sulfate proteoglycan metabolism promotes Ewing sarcoma tumor growth. *eLife*, 11.

Daane JM, et al. (2021) Modulation of bioelectric cues in the evolution of flying fishes. *Current biology : CB*, 31(22), 5052.

Fish RJ, et al. (2021) Venous Thrombosis and Thrombocyte Activity in Zebrafish Models of Quantitative and Qualitative Fibrinogen Disorders. *International journal of molecular sciences*, 22(2).

Freire C, et al. (2020) A genetic modifier of venous thrombosis in zebrafish reveals a functional role for fibrinogen A?E in early hemostasis. *Blood advances*, 4(21), 5480.

Brysch C, et al. (2019) Functional architecture underlying binocular coordination of eye position and velocity in the larval zebrafish hindbrain. *BMC biology*, 17(1), 110.

Dolfi L, et al. (2019) Cell cycle dynamics during diapause entry and exit in an annual killifish revealed by FUCCI technology. *EvoDevo*, 10, 29.

Garcia-Marques J, et al. (2019) Unlimited Genetic Switches for Cell-Type-Specific Manipulation. *Neuron*, 104(2), 227.

Verweij FJ, et al. (2019) Live Tracking of Inter-organ Communication by Endogenous Exosomes In Vivo. *Developmental cell*, 48(4), 573.

Zhou W, et al. (2018) Neutrophil-specific knockout demonstrates a role for mitochondria in regulating neutrophil motility in zebrafish. *Disease models & mechanisms*, 11(3).

Kendall GC, et al. (2018) PAX3-FOXO1 transgenic zebrafish models identify HES3 as a mediator of rhabdomyosarcoma tumorigenesis. *eLife*, 7.

Silic MR, et al. (2018) Visualization of Cellular Electrical Activity in Zebrafish Early Embryos and Tumors. *Journal of visualized experiments : JoVE*(134).

Shiraki T, et al. (2018) A tRNA-based multiplex sgRNA expression system in zebrafish and its application to generation of transgenic albino fish. *Scientific reports*, 8(1), 13366.