

# Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

## Xtr.Tg(WntREs:dEGFP)Vlemx

RRID:NXR\_1094

Type: Organism

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### Proper Citation

RRID:NXR\_1094

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### Organism Information

**URL:** <https://www.mbl.edu/research/resources-research-facilities/national-xenopus-resource/transgenic-tropicalis>

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**Description:** (pbin7LEF-GFP/Wnt Reporter) GFP expression reveals dynamic patterns of Wnt/beta-catenin signaling activity. The inserted transgene construct contains a synthetic Wnt-responsive promoter consisting of 7 copies of a TCF/LEF1 binding DNA element, a minimal TATA box and a reporter gene encoding destabilized eGFP and a polyA sequence. The transgene is flanked on both sides by two copies of the chicken HS4-core sequence. Xtr.Tg(WntREs:dEGFP)

**Species:** *Xenopus tropicalis*

**Catalog Number:** NXR\_1094

**Database:** National Xenopus Resource (NXR)

**Database Abbreviation:** NXR

**Availability:** Available

**Alternate IDs:** NXR\_1.0094

**Organism Name:** Xtr.Tg(WntREs:dEGFP)Vlemx

**Record Creation Time:** 20230226T052914+0000

**Record Last Update:** 20260905T173942+0000

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### Ratings and Alerts

No rating or validation information has been found for Xtr.Tg(WntREs:dEGFP)Vlemx.

No alerts have been found for Xtr.Tg(WntRES:dEGFP)Vlemx.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** National Xenopus Resource (NXR)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

MacColl Garfinkel A, et al. (2023) Mitochondrial leak metabolism induces the Spemann-Mangold Organizer via Hif-1 $\beta$  in Xenopus. Developmental cell, 58(22), 2597.

Hwang WY, et al. (2022) Kap- $\beta$ 2/Transportin mediates  $\beta$ -catenin nuclear transport in Wnt signaling. eLife, 11.

Rankin SA, et al. (2022) The homeodomain transcription factor Ventx2 regulates respiratory progenitor cell number and differentiation timing during Xenopus lung development. Development, growth & differentiation, 64(7), 347.