

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Xla.Tg(WntREs:dEGFP)Vlemx

RRID:NXR_0064

Type: Organism

Proper Citation

RRID:NXR_0064

Organism Information

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

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Description: (pbin7LEF-GFP/Wnt Reporter) 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. GFP expression of dynamic patterns of Wnt/?-catenin signalling activity. Xla.Tg(pbin8LEF-GFP)

Species: Xenopus laevis

Genomic Alteration: Transgenic Lines

Catalog Number: NXR_0064

Database: National Xenopus Resource (NXR)

Database Abbreviation: NXR

Availability: Available

Alternate IDs: NXR_0.0064

Organism Name: Xla.Tg(WntREs:dEGFP)Vlemx

Record Creation Time: 20230226T052915+0000

Record Last Update: 20260808T234451+0000

Ratings and Alerts

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

No alerts have been found for Xla.Tg(WntREs:dEGFP)Vlemx.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: National Xenopus Resource (NXR)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Khalid AQ, et al. (2025) Insights into the Anticancer Mechanisms Modulated by Gamma and Delta Tocotrienols in Colorectal Cancers. Nutrition reviews, 83(3), e1295.

Buchajska K, et al. (2025) Nivolumab resistance in head and neck squamous cell carcinoma patients and future perspectives. Contemporary oncology (Poznan, Poland), 29(1), 22.

Karagöz Z, et al. (2023) Computational evidence for multi-layer crosstalk between the cadherin-11 and PDGFR pathways. Scientific reports, 13(1), 15804.

Chou Y, et al. (2023) Progress in the Development of Stem Cell-Derived Cell-Free Therapies for Skin Aging. Clinical, cosmetic and investigational dermatology, 16, 3383.

Reis AH, et al. (2021) Rspo2 inhibits TCF3 phosphorylation to antagonize Wnt signaling during vertebrate anteroposterior axis specification. Scientific reports, 11(1), 13433.