

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 1, 2024

Xla.NXR-WTNXR

RRID:NXR_0031

Type: Organism

Proper Citation

RRID:NXR_0031

Organism Information

URL: <https://www.mbl.edu/research/resources-research-facilities/national-xenopus-resource/wild-type-frog-stocks>

Proper Citation: RRID:NXR_0031

Description: Wild Type lab bred strain.

Species: *Xenopus laevis*

Catalog Number: NXR_0031

Database: National Xenopus Resource (NXR)

Database Abbreviation: NXR

Availability: Available

Organism Name: Xla.NXR-WTNXR

Ratings and Alerts

No rating or validation information has been found for Xla.NXR-WTNXR.

No alerts have been found for Xla.NXR-WTNXR.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org/).

Sabo J, et al. (2024) CKAP5 enables formation of persistent actin bundles templated by dynamically instable microtubules. *Current biology* : CB, 34(2), 260.

Miller KE, et al. (2023) Dodecaploid *Xenopus longipes* provides insight into the emergence of size scaling relationships during development. *Current biology* : CB, 33(7), 1327.

Cadart C, et al. (2023) Polyploidy in *Xenopus* lowers metabolic rate by decreasing total cell surface area. *Current biology* : CB, 33(9), 1744.

Phelps WA, et al. (2023) Hybridization led to a rewired pluripotency network in the allotetraploid *Xenopus laevis*. *eLife*, 12.

Tane S, et al. (2022) Cell cycle-specific loading of condensin I is regulated by the N-terminal tail of its kleisin subunit. *eLife*, 11.

Kitaoka M, et al. (2022) Molecular conflicts disrupting centromere maintenance contribute to *Xenopus* hybrid inviability. *Current biology* : CB, 32(18), 3939.

Cai R, et al. (2021) Ion permeation controlled by hydrophobic residues and proton binding in the proton-activated chloride channel. *iScience*, 24(12), 103395.

Phelps WA, et al. (2021) Optimized design of antisense oligomers for targeted rRNA depletion. *Nucleic acids research*, 49(1), e5.

Ferreira F, et al. (2020) Real-time physiological measurements of oxygen using a non-invasive self-referencing optical fiber microsensor. *Nature protocols*, 15(2), 207.

Stephenson RE, et al. (2019) Rho Flares Repair Local Tight Junction Leaks. *Developmental cell*, 48(4), 445.

Tembo M, et al. (2019) Phosphatidylinositol 4,5-bisphosphate (PIP2) and Ca²⁺ are both required to open the Cl⁻ channel TMEM16A. *The Journal of biological chemistry*, 294(33), 12556.

Wozniak KL, et al. (2018) PLC and IP3-evoked Ca²⁺ release initiate the fast block to polyspermy in *Xenopus laevis* eggs. *The Journal of general physiology*, 150(9), 1239.

Wozniak KL, et al. (2018) The TMEM16A channel mediates the fast polyspermy block in *Xenopus laevis*. *The Journal of general physiology*, 150(9), 1249.