

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

Young Adult Pigmented Xenopus Laevis

RRID:XEP_Xla100

Type: Organism

Proper Citation

RRID:XEP_Xla100

Organism Information

URL: <https://xenopus.com/>

Proper Citation: RRID:XEP_Xla100

Description: These catalog numbers represent the same frogs: HCG- IMP- XL- FM, IMP XL FM, IMP XL M, IMP XL PB, OP IMP FM, Y XL, YXL

Species: Xenopus laevis

Notes: These catalog numbers represent the same frogs: HCG- IMP- XL- FM, IMP XL FM, IMP XL M, IMP XL PB, OP IMP FM, Y XL, YXL

Catalog Number: Xla100

Database: XEP, Xenopus Express

Database Abbreviation: XE

Availability: Available

Organism Name: Young Adult Pigmented Xenopus Laevis

Record Creation Time: 20230226T235838+0000

Record Last Update: 20260905T204500+0000

Ratings and Alerts

No rating or validation information has been found for Young Adult Pigmented Xenopus Laevis.

No alerts have been found for Young Adult Pigmented Xenopus Laevis.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: XEP, Xenopus Express

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Parshina EA, et al. (2026) Co-Immunoprecipitation-Coupled Mass Spectrometry Analysis of Zyxin's Interactome and Phosphosites in Early *Xenopus laevis* Development. *International journal of molecular sciences*, 27(2).

Chu CW, et al. (2025) Mechanical cues polarize ADIP protein complexes to control vertebrate morphogenesis and wound healing. *Current biology : CB*, 35(14), 3315.

Haase J, et al. (2025) Cohesin-mediated stabilization of the CCAN complex at kinetochores in mitosis. *Current biology : CB*, 35(16), 3943.

Weng S, et al. (2024) Planar polarized force propagation integrates cell behavior with tissue shaping during convergent extension. *Current biology : CB*.

Azucenas CR, et al. (2023) Comparative analysis of the functional properties of human and mouse ferroportin. *American journal of physiology. Cell physiology*, 324(5), C1110.

Wang XP, et al. (2022) Activation by cleavage of the epithelial Na⁺ channel ? and ? subunits independently coevolved with the vertebrate terrestrial migration. *eLife*, 11.

Parshina EA, et al. (2022) The Cytoskeletal Protein Zyxin Inhibits Retinoic Acid Signaling by Destabilizing the Maternal mRNA of the RXR? Nuclear Receptor. *International journal of molecular sciences*, 23(10).

Weng S, et al. (2022) Convergent extension requires adhesion-dependent biomechanical integration of cell crawling and junction contraction. *Cell reports*, 39(4), 110666.

Orlov EE, et al. (2022) Targeted search for scaling genes reveals matrixmetalloproteinase 3 as a scaler of the dorsal-ventral pattern in *Xenopus laevis* embryos. *Developmental cell*, 57(1), 95.

Chuyen A, et al. (2021) The Scf/Kit pathway implements self-organized epithelial patterning. *Developmental cell*, 56(6), 795.

Lin TY, et al. (2021) Fibroblast dedifferentiation as a determinant of successful regeneration. *Developmental cell*, 56(10), 1541.

Martynova NY, et al. (2021) Using RNA-binding proteins for immunoprecipitation of mRNAs from *Xenopus laevis* embryos. *STAR protocols*, 2(2), 100552.

Choppakatla P, et al. (2021) Linker histone H1.8 inhibits chromatin binding of condensins and DNA topoisomerase II to tune chromosome length and individualization. *eLife*, 10.

Martynova NY, et al. (2021) Protocol for separation of the nuclear and the cytoplasmic fractions of *Xenopus laevis* embryonic cells for studying protein shuttling. STAR protocols, 2(2), 100449.

Chan ZC, et al. (2020) Grp94 Regulates the Recruitment of Aneural AChR Clusters for the Assembly of Postsynaptic Specializations by Modulating ADF/Cofilin Activity and Turnover. eNeuro, 7(5).

Shenkarev ZO, et al. (2020) Water-soluble variant of human Lynx1 positively modulates synaptic plasticity and ameliorates cognitive impairment associated with $\alpha 7$ -nAChR dysfunction. Journal of neurochemistry, 155(1), 45.

Jarsch IK, et al. (2020) A direct role for SNX9 in the biogenesis of filopodia. The Journal of cell biology, 219(4).

Parshina EA, et al. (2020) Cytoskeletal Protein Zyxin Inhibits the Activity of Genes Responsible for Embryonic Stem Cell Status. Cell reports, 33(7), 108396.

Vulfius CA, et al. (2020) PNU-120596, a positive allosteric modulator of mammalian $\alpha 7$ nicotinic acetylcholine receptor, is a negative modulator of ligand-gated chloride-selective channels of the gastropod *Lymnaea stagnalis*. Journal of neurochemistry, 155(3), 274.

Chen YS, et al. (2020) Desensitization of NMDA channels requires ligand binding to both GluN1 and GluN2 subunits to constrict the pore beside the activation gate. Journal of neurochemistry, 153(5), 549.