

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

Xenopus laevis Research Resource for Immunobiology (XLRR)

RRID:SCR_014354

Type: Tool

Proper Citation

Xenopus laevis Research Resource for Immunobiology (XLRR) (RRID:SCR_014354)

Resource Information

URL: <https://www.urmc.rochester.edu/microbiology-immunology/xenopus-laevis.aspx>

Proper Citation: Xenopus laevis Research Resource for Immunobiology (XLRR) (RRID:SCR_014354)

Description: A comprehensive resource specializing in the use of the amphibian *Xenopus laevis* (the African clawed frog) for biomedical and immunological research. Several genetically-defined inbred strains and clones are available for study. The facility also maintains and develops research tools such as transgenic animals, monoclonal antibodies, cell lines, DNA libraries, and molecular probes. XLRR includes a satellite facility devoted to study infectious diseases caused by iridovirus. Technical assistance, education, and training are also provided.

Abbreviations: XLRR

Synonyms: Xenopus laevis Research Resource, Xenopus laevis Research Resource for Immunobiology

Resource Type: biomaterial supply resource, material resource

Keywords: Immunology, cancer, inbred frog, cloned frog, monoclonal antibody, xenopus laevis, lymphoid tumor cell lines

Funding: NIAID

Resource Name: Xenopus laevis Research Resource for Immunobiology (XLRR)

Resource ID: SCR_014354

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260905T133258+0000

Ratings and Alerts

No rating or validation information has been found for *Xenopus laevis* Research Resource for Immunobiology (XLRR).

No alerts have been found for *Xenopus laevis* Research Resource for Immunobiology (XLRR).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kim E, et al. (2019) Isl1 Regulation of Nkx2.1 in the Early Foregut Epithelium Is Required for Trachea-Esophageal Separation and Lung Lobation. *Developmental cell*, 51(6), 675.

Edholm EI, et al. (2019) Critical Role of an MHC Class I-Like/Innate-Like T Cell Immune Surveillance System in Host Defense against Ranavirus (Frog Virus 3) Infection. *Viruses*, 11(4).

Horb M, et al. (2019) *Xenopus* Resources: Transgenic, Inbred and Mutant Animals, Training Opportunities, and Web-Based Support. *Frontiers in physiology*, 10, 387.

Jacques R, et al. (2017) *Xenopus*-FV3 host-pathogen interactions and immune evasion. *Virology*, 511, 309.