

Resource Summary Report

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Hiroshima University Amphibian Research Center

RRID:SCR_019015

Type: Tool

Proper Citation

Hiroshima University Amphibian Research Center (RRID:SCR_019015)

Resource Information

URL: http://amphibian.hiroshima-u.ac.jp/english/ARC_HP_English_ver./english_page.html

Proper Citation: Hiroshima University Amphibian Research Center (RRID:SCR_019015)

Description: Stock center that provides amphibian organisms, frogs and newts, primarily to Japanese investigators. The center runs the National BioResource Project (NBRP) Clawed frogs / Newts, which is financially supported by the Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan, to distribute these resources. Contributes to maintenance of biologically important strains of frogs and study biological characteristics of amphibian focusing genetics, developmental regulation, speciation, phylogeny, phenotype expression, and environment-induced mutagenesis.

Abbreviations: ARC, HUARC

Synonyms: Amphibian Research Center, Institute for Amphibian Biology

Resource Type: biomaterial supply resource, material resource, organism supplier

Keywords: Amphibian, Frog, Xenopus, Newt, Hiroshima University

Funding: Ministry of Education ;
Culture ;
Sports ;
Science and Technology (MEXT)

Resource Name: Hiroshima University Amphibian Research Center

Resource ID: SCR_019015

Alternate URLs:

https://xenopus.nbrp.jp/NBRP_Xenopus/NBRP_X._tropicalis_Top_Page_EN.html

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260905T132845+0000

Ratings and Alerts

No rating or validation information has been found for Hiroshima University Amphibian Research Center.

No alerts have been found for Hiroshima University Amphibian Research Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Nishiura K, et al. (2026) Vertebrate-wide transcriptomic screening identifies immune cell-specific expression of the conserved OR-? gene. *Zoological letters*, 12(1).

Ogawa S, et al. (2026) Effects of Thyroid Hormone Receptor ? Gene Knockout on Hindlimb and Intestinal Development in Pre-Metamorphic *Xenopus tropicalis* Larvae. *Development, growth & differentiation*, 68(2), e70043.

Igawa T, et al. (2026) Inbred strains of *Xenopus tropicalis* show morphological and genetic variation. *Scientific reports*.

Yamato A, et al. (2026) Heat-Shock-Inducible Gene Expression Systems in Amphibians: Utility in Regeneration and Metamorphosis Studies. *Development, growth & differentiation*, 68(2), e70048.

Hayashi S, et al. (2026) Replicative Neuromast Regeneration in Response to Injury in *Pleurodeles waltl*. *Development, growth & differentiation*, 68(6), e70063.

Suzuki M, et al. (2024) Differential cellular stiffness across tissues that contribute to *Xenopus* neural tube closure. *Development, growth & differentiation*, 66(5), 320.

Sugiura N, et al. (2024) FGF-stimulated tendon cells embrace a chondrogenic fate with BMP7 in newt tissue culture. *Development, growth & differentiation*.

Tsujimoto T, et al. (2024) Compromised actin dynamics underlie the orofacial cleft in Baraitser-Winter Cerebrofrontofacial syndrome with a variant in ACTB. *Human molecular genetics*.

Hossain N, et al. (2023) Phenotype-genotype relationships in *Xenopus* *sox9* crispants provide insights into campomelic dysplasia and vertebrate jaw evolution. *Development, growth & differentiation*, 65(8), 481.

Ishii R, et al. (2023) X-ray micro-computed tomography of *Xenopus* tadpole reveals changes in brain ventricular morphology during telencephalon regeneration. *Development, growth & differentiation*, 65(6), 300.