Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

Sal-Site

RRID:SCR_002850
Type: Tool

Proper Citation

Sal-Site (RRID:SCR_002850)

Resource Information

URL: http://www.ambystoma.org/

Proper Citation: Sal-Site (RRID:SCR_002850)

Description: Portal that supports Ambystoma-related research and educational efforts. It is composed of several resources: Salamander Genome Project, Ambystoma EST Database, Ambystoma Gene Collection, Ambystoma Map and Marker Collection, Ambystoma Genetic Stock Center, and Ambystoma Research Coordination Network.

Abbreviations: Sal-Site

Synonyms: Ambystoma Resources for Model Amphibians Database

Resource Type: analysis service resource, data analysis service, data or information resource, database, image collection, organism-related portal, portal, production service resource, service resource, topical portal

Defining Citation: PMID:16359543

Keywords: gene, genomic, expressed sequence tag, blast, model organism, genome, salamander, animal model, genetic map, genetic marker, gene expression, limb regeneration, microarray, quantitative-pcr, rna-seq, nanostring, husbandry, embryo, limb, mutant, strain, neural, olfaction, phentotype, regeneration, renal, retina, sequence, vision, human, chicken, xenopus tropicalis, FASEB list

Funding: NCRR R24 RR016344;
NIH Office of the Director R24 OD010435;
NSF DBI0443496;
NSF OB0242833

Availability: Free, Freely available

Resource Name: Sal-Site

Resource ID: SCR_002850

Alternate IDs: nif-0000-25309

Alternate URLs: https://orip.nih.gov/comparative-medicine/programs/vertebrate-models

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260905T132454+0000

Ratings and Alerts

No rating or validation information has been found for Sal-Site.

No alerts have been found for Sal-Site.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 92 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Nowoshilow S, et al. (2022) Gene and transgenics nomenclature for the laboratory axolotl-Ambystoma mexicanum. Developmental dynamics : an official publication of the American Association of Anatomists, 251(6), 913.

Davis ES, et al. (2021) The rax homeobox gene is mutated in the eyeless axolotl, Ambystoma mexicanum. Developmental dynamics : an official publication of the American Association of Anatomists, 250(6), 807.

Timoshevskaya N, et al. (2021) Large-scale variation in single nucleotide polymorphism density within the laboratory axolotl (Ambystoma mexicanum). Developmental dynamics : an official publication of the American Association of Anatomists, 250(6), 822.

Keinath MC, et al. (2021) Characterization of axolotl lampbrush chromosomes by fluorescence in situ hybridization and immunostaining. Experimental cell research, 401(2), 112523.

Dwaraka VB, et al. (2021) Towards comparative analyses of salamander limb regeneration. Journal of experimental zoology. Part B, Molecular and developmental evolution, 336(2), 129.

Schloissnig S, et al. (2021) The giant axolotl genome uncovers the evolution, scaling, and transcriptional control of complex gene loci. Proceedings of the National Academy of Sciences of the United States of America, 118(15).

Akilesh S, et al. (2021) Characterizing Viral Infection by Electron Microscopy: Lessons from the Coronavirus Disease 2019 Pandemic. The American journal of pathology, 191(2), 222.

Nowoshilow S, et al. (2020) Introducing www.axolotl-omics.org - an integrated -omics data portal for the axolotl research community. Experimental cell research, 394(1), 112143.

Kohli P, et al. (2020) Transcriptome analysis of axolotl oropharyngeal explants during taste bud differentiation stages. Mechanisms of development, 161, 103597.

Sousounis K, et al. (2020) Eya2 promotes cell cycle progression by regulating DNA damage response during vertebrate limb regeneration. eLife, 9.

Rodgers AK, et al. (2020) Identification of immune and non-immune cells in regenerating axolotl limbs by single-cell sequencing. Experimental cell research, 394(2), 112149.

Reintamm T, et al. (2019) Evolutionary distribution of deoxynucleoside 5-monophosphate N-glycosidase, DNPH1. Gene, 683, 1.

Crowner A, et al. (2019) Rediscovering the Axolotl as a Model for Thyroid Hormone Dependent Development. Frontiers in endocrinology, 10, 237.

Dwaraka VB, et al. (2019) Comparative transcriptomics of limb regeneration: Identification of conserved expression changes among three species of Ambystoma. Genomics, 111(6), 1216.

Smith JJ, et al. (2019) A chromosome-scale assembly of the axolotl genome. Genome research, 29(2), 317.

Sibai M, et al. (2019) Integrative Analysis of Axolotl Gene Expression Data from Regenerative and Wound Healing Limb Tissues. Scientific reports, 9(1), 20280.

Feiner N, et al. (2019) Asymmetric paralog evolution between the "cryptic" gene Bmp16 and its well-studied sister genes Bmp2 and Bmp4. Scientific reports, 9(1), 3136.

Bastin BR, et al. (2019) Taxon-specific expansion and loss of tektins inform metazoan ciliary diversity. BMC evolutionary biology, 19(1), 40.

Purushothaman S, et al. (2019) Fgf-signaling is compartmentalized within the mesenchyme and controls proliferation during salamander limb development. eLife, 8.

Vieira WA, et al. (2019) FGF, BMP, and RA signaling are sufficient for the induction of complete limb regeneration from non-regenerating wounds on Ambystoma mexicanum limbs. Developmental biology, 451(2), 146.