Resource Summary Report

Generated by dkNET on Aug 8, 2026

Japanese Lamprey Genome Project

RRID:SCR_014988
Type: Tool

Proper Citation

Japanese Lamprey Genome Project (RRID:SCR_014988)

Resource Information

URL: http://jlampreygenome.imcb.a-star.edu.sg/

Proper Citation: Japanese Lamprey Genome Project (RRID:SCR_014988)

Description: Online database documenting the genome of the Japanese lamprey. The project uses the genome to gain insight into the evolution of vertebrate organisms.

Resource Type: database, data or information resource

Defining Citation: PMID:24043829

Keywords: cyclostome, lamprey, japanese lamprey, lamprey genome, model genome, hagfish

Availability: Available for download

Resource Name: Japanese Lamprey Genome Project

Resource ID: SCR_014988

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260808T190437+0000

Ratings and Alerts

No rating or validation information has been found for Japanese Lamprey Genome Project.

No alerts have been found for Japanese Lamprey Genome Project.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

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

Zhang Z, et al. (2020) Constitutive activity of a spermine receptor is maintained by a single site in the C-terminal. Biochemical and biophysical research communications, 526(2), 389.

Confalonieri S, et al. (2019) Exon 3 of the NUMB Gene Emerged in the Chordate Lineage Coopting the NUMB Protein to the Regulation of MDM2. G3 (Bethesda, Md.), 9(10), 3359.

Yokoyama H, et al. (2019) Identification of a unique lamprey gene with tandemly repeated sequences and pharyngeal chondrocyte-specific expression. Gene, 701, 9.

Kasai K, et al. (2018) Molecular and thyroid hormone binding properties of lamprey transthyretins: The role of an N-terminal histidine-rich segment in hormone binding with high affinity. Molecular and cellular endocrinology, 474, 74.

Tenno M, et al. (2018) Cbf?2 controls differentiation of and confers homing capacity to prethymic progenitors. The Journal of experimental medicine, 215(2), 595.

Cardoso JCR, et al. (2018) Evolution of the glucagon-like system across fish. General and comparative endocrinology, 264, 113.

Suriano CM, et al. (2018) Evidence for generative homology of cerebellum and cerebellum-like structures in an elasmobranch fish based on Pax6, Cbln1 and Grid2 expression. The Journal of comparative neurology, 526(14), 2187.

Kojo S, et al. (2017) Priming of lineage-specifying genes by Bcl11b is required for lineage choice in post-selection thymocytes. Nature communications, 8(1), 702.

Orquera DP, et al. (2017) Evolution of the Rax family of developmental transcription factors in vertebrates. Mechanisms of development, 144(Pt B), 163.

Hultqvist G, et al. (2017) Emergence and evolution of an interaction between intrinsically disordered proteins. eLife, 6.

Zavala K, et al. (2017) Evolution of the ?-adrenoreceptors in vertebrates. General and comparative endocrinology, 240, 129.

Åberg E, et al. (2017) Evolution of the p53-MDM2 pathway. BMC evolutionary biology, 17(1), 177.

Kumar A, et al. (2017) Ancestry & molecular evolutionary analyses of heat shock protein 47 kDa (HSP47/SERPINH1). Scientific reports, 7(1), 10394.

Coffill CR, et al. (2016) The p53-Mdm2 interaction and the E3 ligase activity of Mdm2/Mdm4 are conserved from lampreys to humans. Genes & development, 30(3), 281.

Wichmann IA, et al. (2016) Evolutionary history of the reprimo tumor suppressor gene family in vertebrates with a description of a new reprimo gene lineage. Gene, 591(1), 245.

Cetinkaya A, et al. (2016) Loss-of-Function Mutations in ELMO2 Cause Intraosseous Vascular Malformation by Impeding RAC1 Signaling. American journal of human genetics, 99(2), 299.

Tostivint H, et al. (2016) Identification of three somatostatin genes in lampreys. General and comparative endocrinology, 237, 89.

Cardoso JC, et al. (2015) PACAP system evolution and its role in melanophore function in teleost fish skin. Molecular and cellular endocrinology, 411, 130.

Kusakabe R, et al. (2015) Developmental regulation and evolution of muscle-specific microRNAs. Seminars in cell & developmental biology, 47-48, 9.