

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

Takifugu rubripes Genome

RRID:SCR_002265

Type: Tool

Proper Citation

Takifugu rubripes Genome (RRID:SCR_002265)

Resource Information

URL: <https://genome.jgi.doe.gov/portal/fugu6/fugu6.home.html>

Proper Citation: Takifugu rubripes Genome (RRID:SCR_002265)

Description: Genome of Takifugu, the Japanese puffer fish. The Fugu genome was sequenced and assembled using the whole genome shotgun method.

Abbreviations: Takifugu, Fugu, Fugu rubripes

Synonyms: Fugu genome

Resource Type: portal, data or information resource

Keywords: fugu, fish genome, short genome, puffer fish

Funding: DOE ;
Lawrence Livermore National Laboratory ;
Lawrence Berkeley National Laboratory ;
Los Alamos National Laboratory

Availability: Free, Available for download, Freely available

Resource Name: Takifugu rubripes Genome

Resource ID: SCR_002265

Alternate IDs: nif-0000-20989

Old URLs: <http://genome.jgi-psf.org/Takru4/Takru4.home.html>

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260801T042522+0000

Ratings and Alerts

No rating or validation information has been found for Takifugu rubripes Genome.

No alerts have been found for Takifugu rubripes Genome.

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 [PRECISE-TBI](#) .

Reyes AC, et al. (2021) Forkhead transcription factor O1 (FoxO1) in torafugu pufferfish Takifugu rubripes: Molecular cloning, in vitro DNA binding, and target gene screening in fish metagenome. Gene, 768, 145335.

Kumar A, et al. (2015) Bayesian phylogeny analysis of vertebrate serpins illustrates evolutionary conservation of the intron and indels based six groups classification system from lampreys for ???500 MY. PeerJ, 3, e1026.

Umezawa T, et al. (2012) O2-filled swimbladder employs monocarboxylate transporters for the generation of O2 by lactate-induced root effect hemoglobin. PLoS one, 7(4), e34579.

McGonnell IM, et al. (2011) Evolution of the Alx homeobox gene family: parallel retention and independent loss of the vertebrate Alx3 gene. Evolution & development, 13(4), 343.

Toyama R, et al. (2008) Brd4 associates with mitotic chromosomes throughout early zebrafish embryogenesis. Developmental dynamics : an official publication of the American Association of Anatomists, 237(6), 1636.

Lopes SS, et al. (2008) Leukocyte tyrosine kinase functions in pigment cell development. PLoS genetics, 4(3), e1000026.

Korzh V, et al. (2007) Transposons as tools for enhancer trap screens in vertebrates. Genome biology, 8 Suppl 1(Suppl 1), S8.

Kondo H, et al. (2007) Ligand-dependent transcriptional activities of four torafugu pufferfish Takifugu rubripes peroxisome proliferator-activated receptors. General and comparative endocrinology, 154(1-3), 120.

Nonaka M, et al. (2006) Genomic view of the evolution of the complement system. Immunogenetics, 58(9), 701.

Schyth BD, et al. (2006) Antiviral activity of small interfering RNAs: specificity testing using heterologous virus reveals interferon-related effects overlooked by conventional mismatch controls. Virology, 349(1), 134.