

Resource Summary Report

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Takifugu rubripes Genome

RRID:SCR_002265

Type: Tool

Proper Citation

Takifugu rubripes Genome (RRID:SCR_002265)

Resource Information

URL: <http://genome.jgi-psf.org/Takru4/Takru4.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

Resource Name: Takifugu rubripes Genome

Resource ID: SCR_002265

Alternate IDs: nif-0000-20989

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250502T055320+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 [dkNET](#).

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.