

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

D. rerio Blast Server

RRID:SCR_008461

Type: Tool

Proper Citation

D. rerio Blast Server (RRID:SCR_008461)

Resource Information

URL: http://www.sanger.ac.uk/cgi-bin/blast/submitblast/d_rerio

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Description: This Blast server offers searches against all D. rerio finished and unfinished clones in the Sanger sequencing pipeline. You can now also search the de novo assemblies generated from sequencing of one doubled haploid homozygous individual of each the AB and Tuebingen strain. Both fish were sequenced to ~40x coverage using Illumina GA sequencing technology and the sequences were assembled using Phusion2, resulting in a 1,33 Gb AB and a 1.48 Gb Tuebingen assembly. Due to the short reads and short inserts and no integration of physical or genetic map data, both assemblies are highly fragmented - with an N50 contig size of about 5kb. Mis-assembly errors may also be present in the contigs. Please note these assemblies are independent additions to the assemblies released by the zebrafish genome project and are intended to aid identification of polymorphisms between these two strains. Charity. Genome Research Limited is a charity registered in England with number 1021457

Synonyms: D. rerio

Resource Type: service resource

Resource Name: D. rerio Blast Server

Resource ID: SCR_008461

Alternate IDs: nif-0000-30406

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260808T185909+0000

Ratings and Alerts

No rating or validation information has been found for D. rerio Blast Server.

No alerts have been found for D. rerio Blast Server.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Erickson T, et al. (2017) Integration of Tmc1/2 into the mechanotransduction complex in zebrafish hair cells is regulated by Transmembrane O-methyltransferase (Tomt). eLife, 6.

Fujisawa K, et al. (2015) Evidence for a Role of the Transcriptional Regulator Maid in Tumorigenesis and Aging. PloS one, 10(6), e0129950.

Shono T, et al. (2011) Acquisition of glial cells missing 2 enhancers contributes to a diversity of ionocytes in zebrafish. PloS one, 6(8), e23746.

Seiler C, et al. (2011) Transgenic labeling of the zebrafish pronephric duct and tubules using a promoter from the enpep gene. Gene expression patterns : GEP, 11(1-2), 118.

Eastman SD, et al. (2006) Phylogenetic analysis of three complete gap junction gene families reveals lineage-specific duplications and highly supported gene classes. Genomics, 87(2), 265.

Sood R, et al. (2006) Methods for reverse genetic screening in zebrafish by resequencing and TILLING. Methods (San Diego, Calif.), 39(3), 220.