Zebrafish Development and Genetics Course 2023

Zebrafish Genome Literacy Workshop

This document contains a list of all the tools recommended in this workshop, including those that are used in the exercises.

**To access the exercises and workshop slides, please see:** <https://mbl2023.buschlab.org/>

Ensembl:

<https://www.ensembl.org/Danio_rerio/>

UCSC:

<https://genome.ucsc.edu/cgi-bin/hgTracks?db=danRer11>

Ensembl Archives:

<http://www.ensembl.org/info/website/archives/assembly.html>

GRCz10: <http://e91.ensembl.org/>

Zv9: <http://e77.ensembl.org/>

Zv8: <http://e54.ensembl.org/>

Ensembl BLAST/BLAT:

<https://www.ensembl.org/Danio_rerio/Tools/Blast>

UCSC BLAT:

<https://genome.ucsc.edu/cgi-bin/hgBlat>

UCSC In-Silico PCR:

<https://genome.ucsc.edu/cgi-bin/hgPcr>

Ensembl Assembly Converter:

<https://www.ensembl.org/Danio_rerio/Tools/AssemblyConverter>

UCSC LiftOver:

<https://genome.ucsc.edu/cgi-bin/hgLiftOver>

Ensembl BioMart:

<https://www.ensembl.org/biomart/martview>

UCSC Table Browser:

<https://genome.ucsc.edu/cgi-bin/hgTables>

Ensembl Variant Effect Predictor:

<https://www.ensembl.org/Danio_rerio/Tools/VEP>

Ensembl ID History Converter:

<https://www.ensembl.org/Danio_rerio/Tools/IDMapper>