**Chinook and steelhead run timing workshop**

SNP panel coordination & annotation

With multiple iterations of chinook and steelhead genomes, SNP panels, and markers interrogating loci of interest (such as GREB1L and Omy05 markers), it is important to have a key to identify genome coordinates of SNPs used across studies. This folder contains information shared by participants prior to the workshop. This folder has been updated by contributions from workshop participants on sets of loci across studies, their nomenclature and genome coordinates.

A possible point for discussion: does the group want to discuss standardizing the names of loci for GREB1L, and beyond?

**List of files and their contents**

**Summary information**

[Mykiss-markers-locations-plot.pdf](https://drive.google.com/open?id=1CDz_eFtistB7NLprLA12Ra3DSKfp8v4z) -- A genome coordinate plot of markers used for GREB1L and vicinity in *O. mykiss* (courtesy of Eric Anderson, February 2020).

[Chinook-markers-locations-plot.pdf](https://drive.google.com/open?id=1464B1YKl0bGbKSxJFLQyeaHRPpE2XToY) -- A genome coordinate plot of markers used for GREB1L and vicinity in Chinook salmon (courtesy of Eric Anderson, February 2020).

[Chinook-and-Mykiss-Markers](https://drive.google.com/a/noaa.gov/open?id=11IgKZYN0Jh69cu0-APmodTe0cNnhifxQCpIwY-AfzUs) -- A Google Sheets document with the data

compiled from contributed information on SNP genome locations, and used for the genome coordinates plots for both *O. mykiss* and *O. tshawytscha* (each on a separate sheet).

**Contributed information**

[*Salmon Run Type Markers*](https://docs.google.com/spreadsheets/d/1bbHAbNucsJPenhkoHUMoGywlgZLGKgQ98hoN7dIjgpI/edit?usp=sharing) -- contributed by Tasha Thompson in January 2020

[*mykiss-SNPs-mapped-fromEAnderson.pdf*](https://drive.google.com/file/d/1NCuHDoAHQoNdiRAL4mm_rVv1NmpZ9lk0/view?usp=sharing) -- contributed by Eric Anderson in Fall 2019

[Omy CRITFC GTseq panel info-021020.xlsx](https://drive.google.com/open?id=1bnVdHkccAjKYo_NUcwmqyApJgFhRKdcd) -- CRITFC SNP panel for *O. mykiss*, which now has genome coordinates for the latest *O. mykiss* genome (contributed by Shawn Narum February 2020)

[Ots CRITFC GTseq panel info-021020.xlsx](https://drive.google.com/open?id=1sICA5qfXTFYPM9LUo3Xty9PvLstzKIhA) -- CRITFC SNP panel for Chinook salmon, which needs genome coordinates to the CRITFC and Koop lab genomes (contributed by Shawn Narum February 2020)

[102-plot-chinook-marker-set-locations.html](https://drive.google.com/open?id=1aut4-ibmI1l9BJgUPzeJy9azHjSxs053) -- R markdown document with information on how genome coordinate plots were made (contributed by Eric Anderson February 2020)