

Progress on chum salmon genetics

Alaska Department of Fish & Game
Gene Conservation Lab



March 2016 AHRP Meeting
Anchorage, AK

Objectives

- Identify set of ~200 SNPs

- Genotype 188 SNPs

- Fish Creek BY 2013
 - Fish Creek 2014 alevin
 - Sample from BY 2013 Prospect, Admiralty, Sawmill

Presented April 2015

- Genotype additional 96 SNPs

Winter 2015/2016

- Select final SNPs

- Based on MAF & alevin parentage

Spring 2016

- Genotype BY 2013

- Prospect, Admiralty, Sawmill

- Genotype BY 2014

Timeline