

**Table S3.**

<b>Source</b>	<b>df</b>	<b>MS</b>	<b>F</b>	<b><i>p</i></b>
RoSA	2	566099	1653.0	< 2.2e-16
year	1	5360	15.7	8.7e-05
RoSA * year	2	10804	31.5	1.3e-13
Residuals	496	342		

Results from ANOVA on freshwater entry date in Chinook sampled in the Klamath River estuary during 2009 and 2010. A significant interaction occurs between year and RoSA genotype, but accounts for 1.6 percent of the total variation. RoSA genotype explains the most variance (85%) in freshwater entry date with year accounting for 0.4 percent of total variance.