

Table S2 Allele frequencies across reporting units of the three winter-run associated markers. Genome coordinates of SNPs are from Otsh_v2.0. Alleles are listed according to the SNP nucleotide at the variable SNPs within the amplicon.

Locus	Allele	CV-Winter	CV-Spring	CV-Fall	CV-Late-Fall	Cent-Cal-Coast	Klamath-Trinity	SO-NCal-Coast
Chr08:27450181	C	0.838	0.257	0.088	0.039	0.015	0.022	0.016
Chr08:27450181	A	0.162	0.743	0.912	0.961	0.985	0.978	0.984
Chr12:70794116	GAA	0.815	0.032	0.033	0.017	0.000	0.000	0.000
Chr12:70794116	GAT	0.149	0.860	0.817	0.734	0.700	0.720	0.686
Chr12:70794116	AAT	0.032	0.087	0.142	0.234	0.022	0.026	0.024
Chr12:70794116	GTT	0.005	0.021	0.008	0.015	0.278	0.254	0.291
Chr16:36409831	CCG	0.797	0.026	0.007	0.003	0.000	0.009	0.192
Chr16:36409831	TCG	0.162	0.263	0.336	0.437	0.195	0.430	0.371
Chr16:36409831	TCA	0.036	0.616	0.610	0.507	0.485	0.547	0.415
Chr16:36409831	TGG	0.005	0.095	0.048	0.053	0.320	0.015	0.022