Table S10

Parameter	Description	Value(s) Used
N_e	Size of the Wright-Fisher population	9,092
g	Average generation length	3
Y	Number of years of simulation	180
G	Number of generations simulated, equal to $\lceil Y/g \rceil$	34
n	Number of sampled segments = twice the number of sampled diploids	898
ϱ	Per-meiosis recombination rate between the D and R regions	0.000255 and 0.00255
γ	Probability that a segment without a descendant at the R region originated from a spring-run individual G generations ago	0.5

Parameters included in the coalescent with recombination model and values used to simulate a

Klamath Mainstem / Iron Gate Hatchery population in which spring-run and fall-run fish did not

interbreed with one another until affected by anthropogenic impacts, 180 years ago.