Supplementary data：

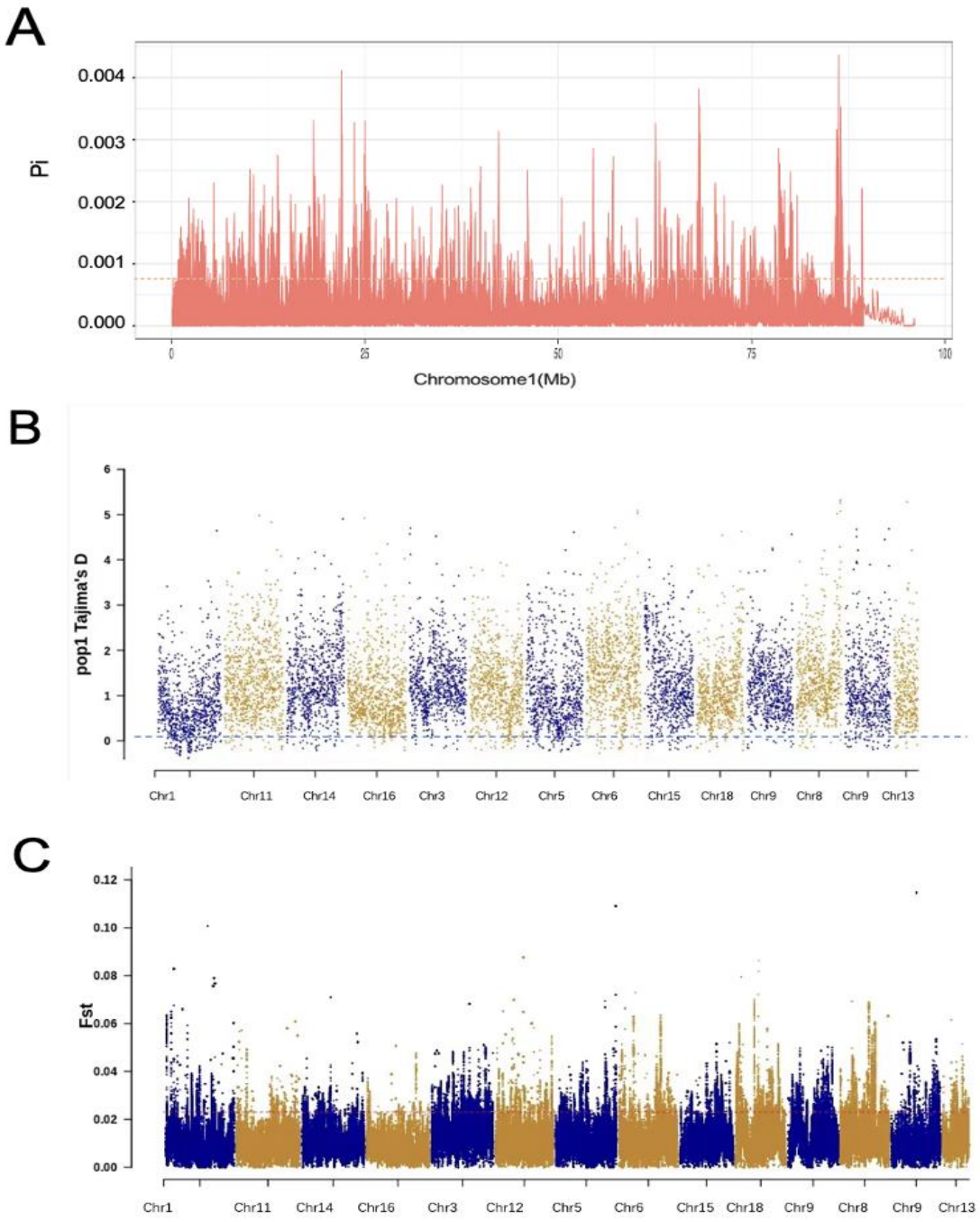

Figure S1. Population genetic structure of the 1,059 Pacific abalone samples with average sequencing depth of 7.86×. (A) Nucleotide diversity. (B) Tajima's D. (C) Fixation index