

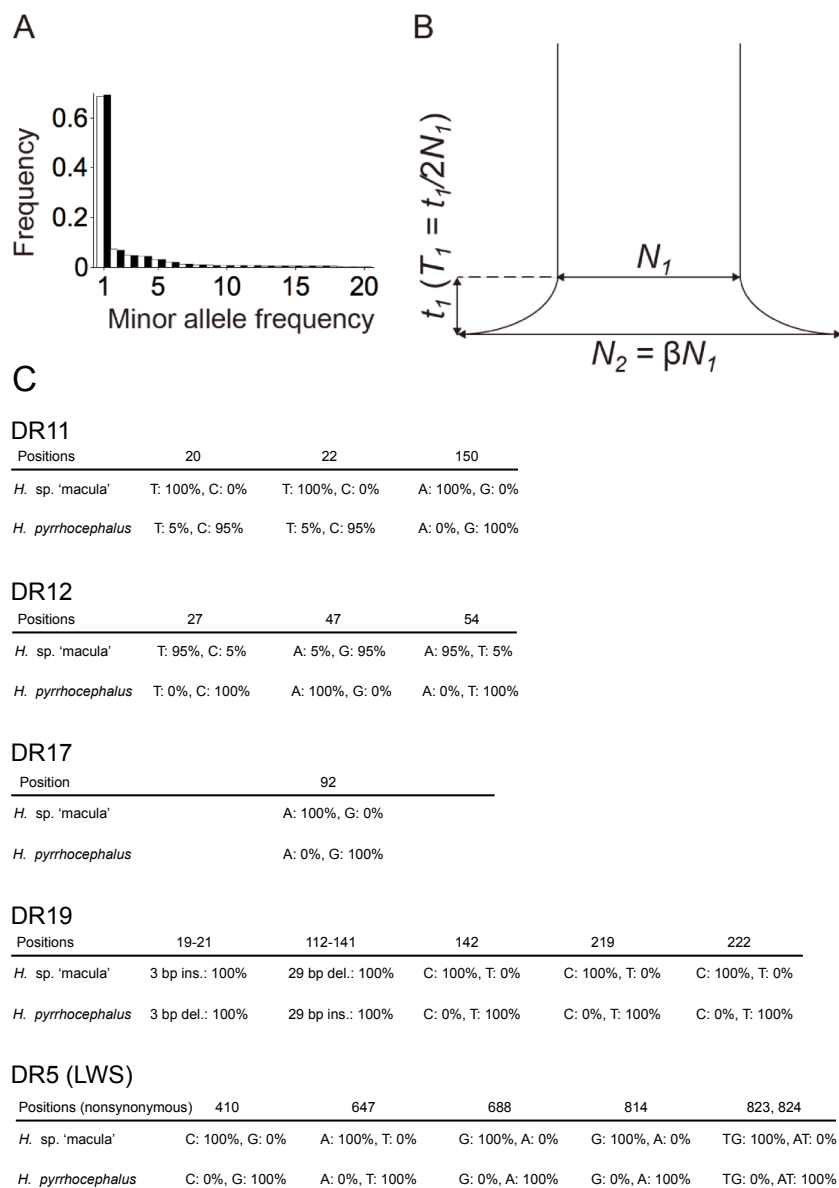


Figure S1. (A) Site frequency spectrum of Lake Victoria cichlids. The white and black bars represent *H. pyrrhocephalus* and *H. sp. 'macula'*, respectively. (B) Demographic model of Lake Victoria cichlids. See the section Demographic Model and Parameter Estimation for details. (C) Nucleotide and indel frequencies within five DRs. We amplified and determined the sequences, including fixed differences, of four DRs from 20 individuals each of *H. sp. 'macula'* and *H. pyrrhocephalus*. Positions indicate the positions from the first nucleotides of the determined sequences. The frequencies of nucleotides in the coding region of *LWS* were verified in a previous study (14).