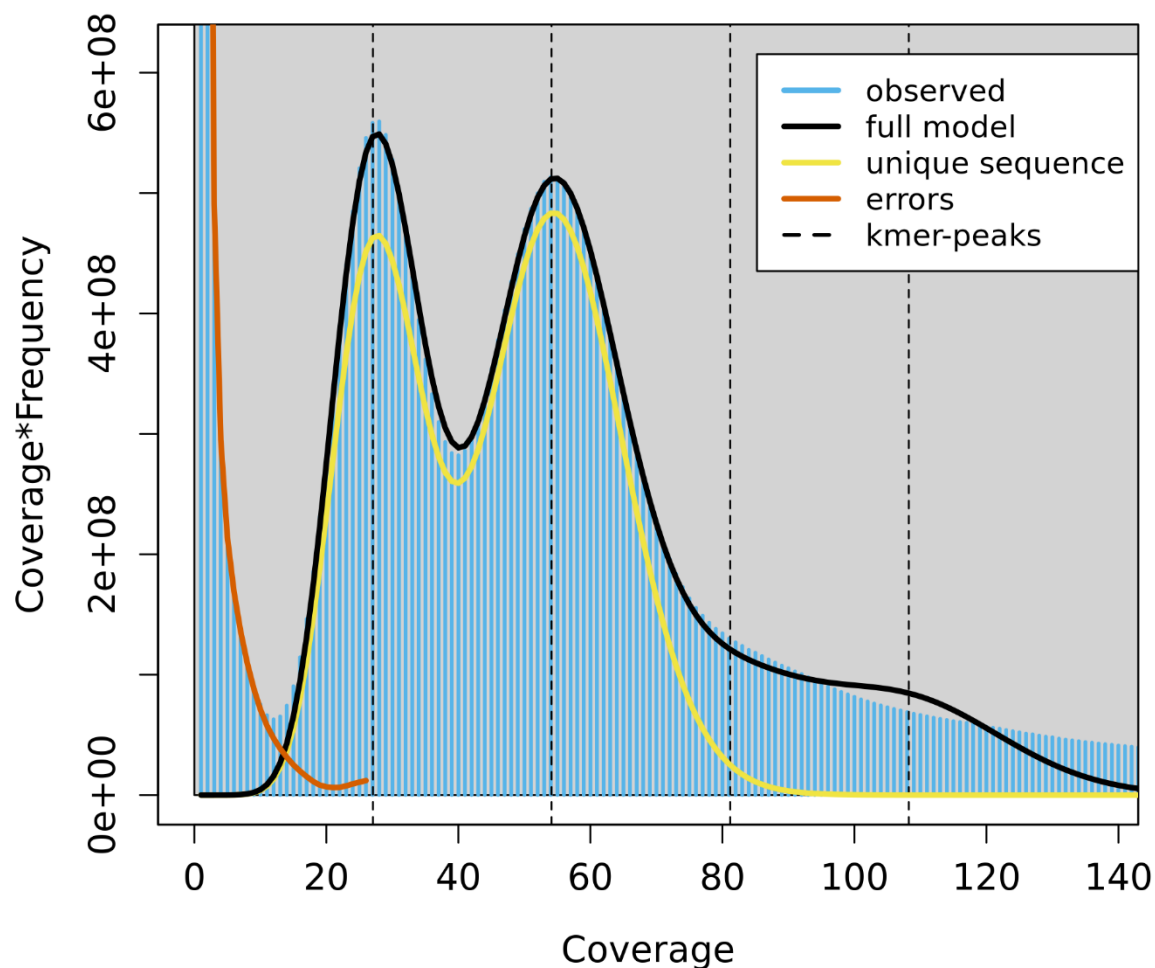
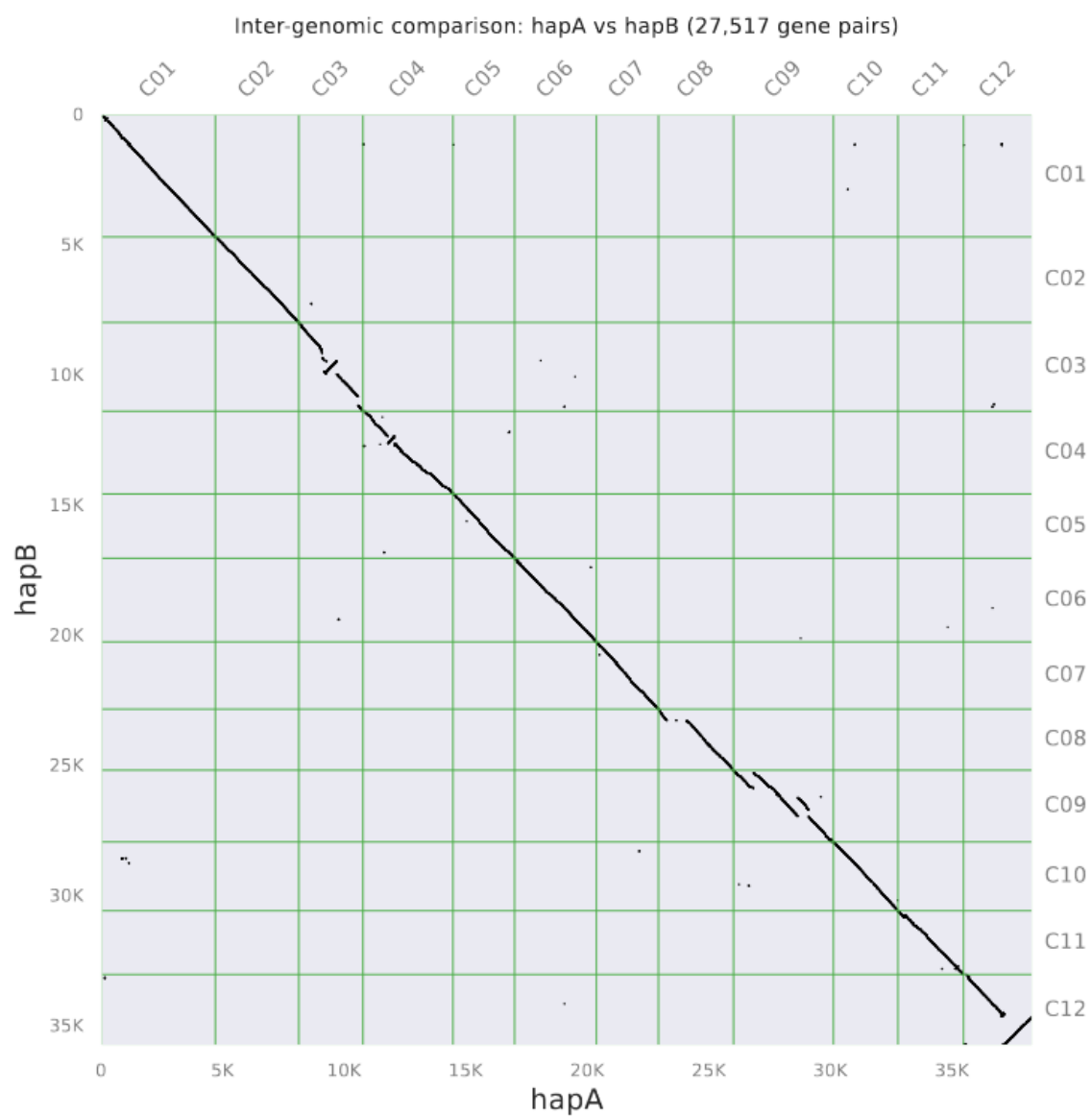


GenomeScope Profile

len:873,535,131bp uniq:42.2%
aa:97.6% ab:2.44%
kcov:27.1 err:1.22% dup:0.792 k:21 p:2



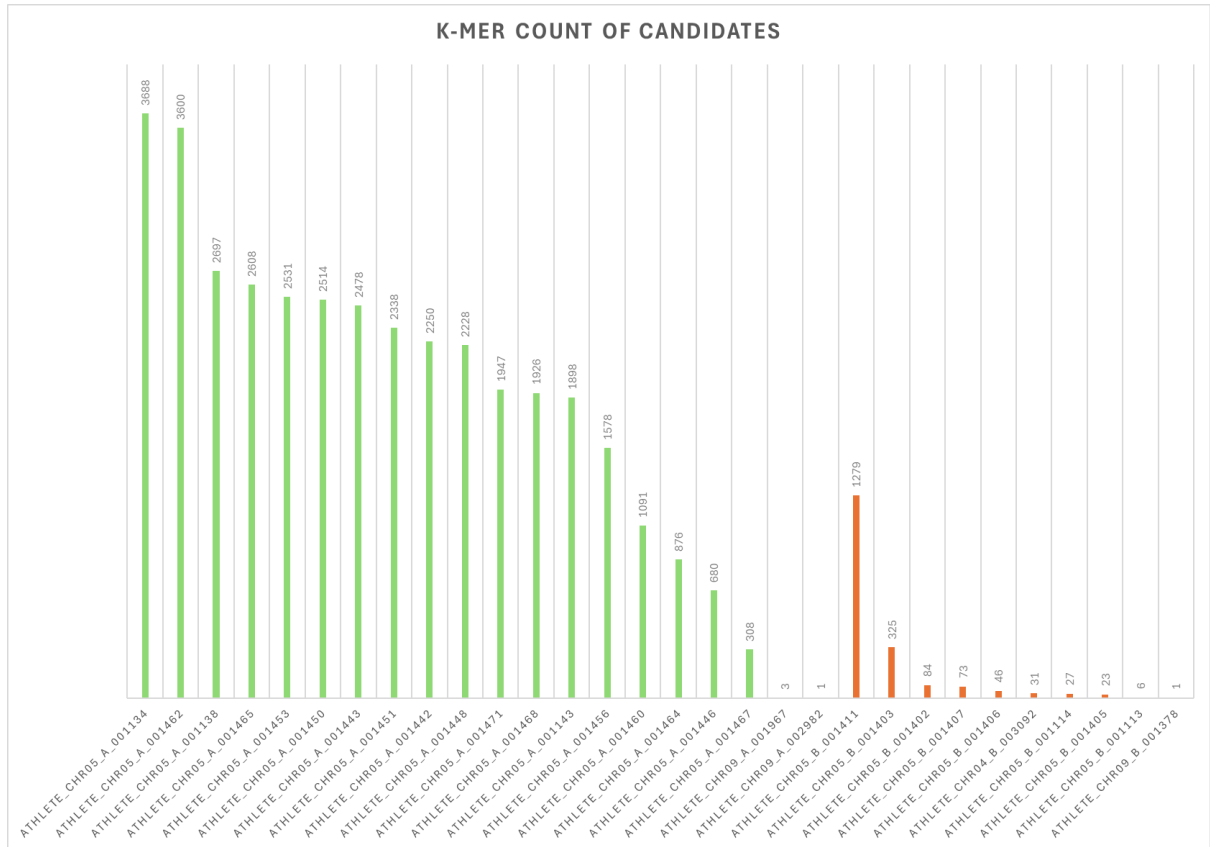
Supplemental Figure S1: Transformed linear genomescope2 profile of 21-mers derived from ONT reads.



Supplemental Figure S2: Inter-haplotype comparison of gene pair ordering across all twelve chromosomes.



Supplemental Figure S3: Genome Continuity Inspector (GCI) profiles of ONT read alignments to haplotype scaffolds. ONT read coverage is represented by the green graph, regions with potential misassemblies are marked with blue or red highlights.



Supplemental Figure S4: *k*-mer counts associated with NLRs across candidates from the assembled haplotype 1 and haplotype 2, as identified through the association study.