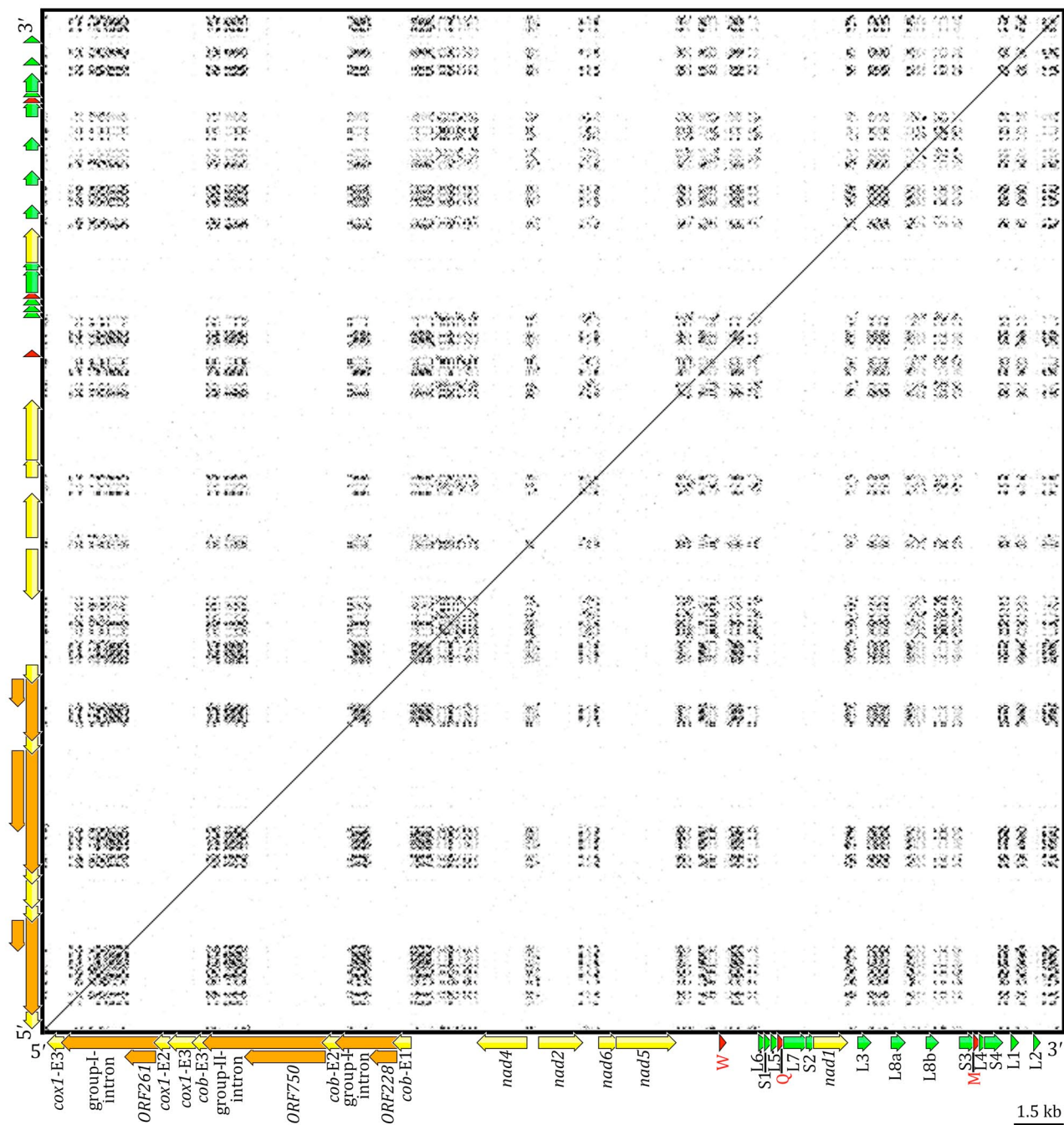


Supplementary Figure S1 — Dotplot similarity matrix of the *Volvox carteri* mitochondrial DNA plotted against itself.

The X- and Y-axes each represent the *V. carteri* mtDNA sequence data (29,961 nt) that were obtained in this study; for clarity, a partial genetic map of the *V. carteri* mtDNA is placed below and beside these-axes, respectively (refer to Figure 1 for a full annotation of this genetic map). Dots in the nucleotide similarity matrix represent regions of shared identity between the two sequences; this matrix was generated using a window size of 25 and a stringency of 21.

Volvox carteri mitochondrial genome*Volvox carteri* mitochondrial genome

1.5 kb