



Figure S1: Distribution of K_a values for the three MIG genomes for the different parental subgenomes. Violin and box plots show the distributions of K_a for genes from the more fractionated subgenome (S_1 in Figure 2) and the combination of two less fractionated subgenomes. Black dots show the mean of all K_a values in each group. P-values are from one-sided Mann-Whitney U tests of differences between the median of K_a values in subgenome 1 and the median of K_a values in subgenomes 2 & 3. *M. arenaria* $P = 0.5006$, *M. incognita* $P = 0.01712$, *M. javanica* $P = 0.2838$.