

## Supporting Information

**Table S1.** Number of gene sets (alignments), sequences, annotated domains and the inferred recombination breakpoints in this study. N/A denotes not applicable.

	Gene set alignments	Sequences	Domains	Recombination breakpoints
All alignments (gene sets)	<b>1,462</b>	11,128	N/A	N/A
Alignments with domain annotations	<b>81</b>	657	861	N/A
Alignments in which breakpoints are found	<b>286</b>	2,355	N/A	820
Alignments with domain information in which breakpoints are found	<b>48</b>	415	238	166