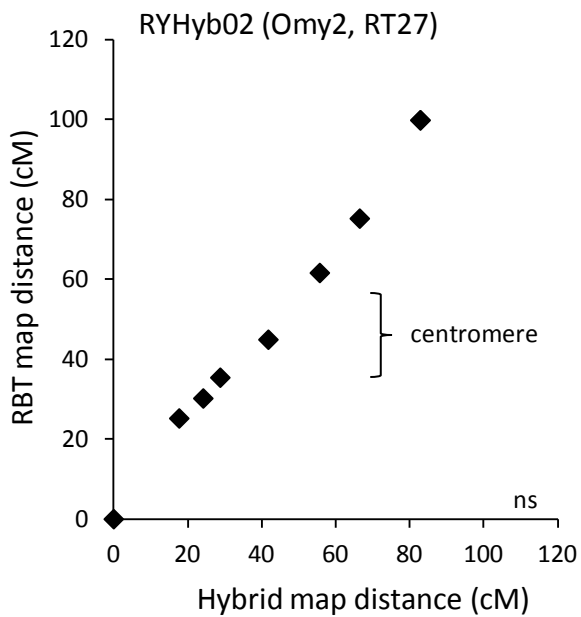
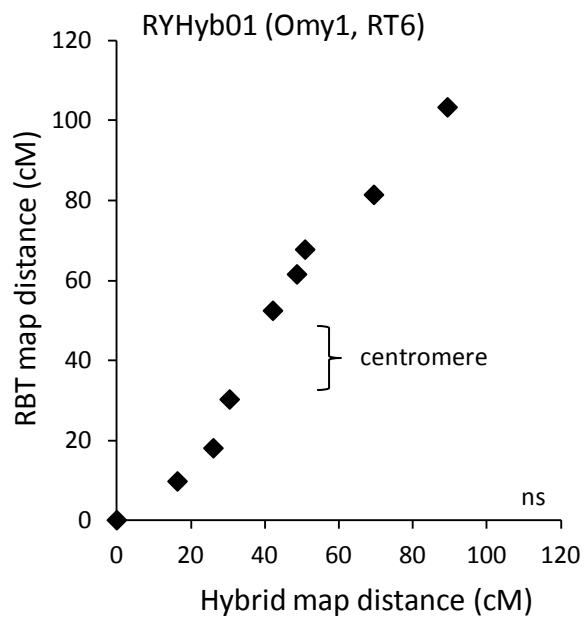
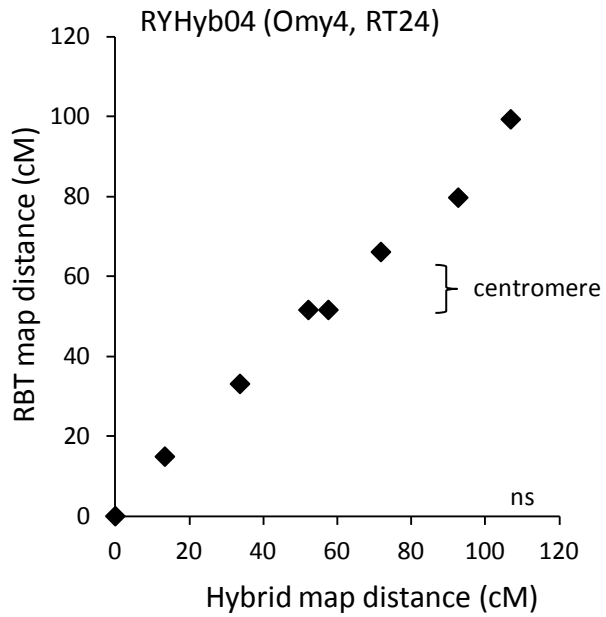
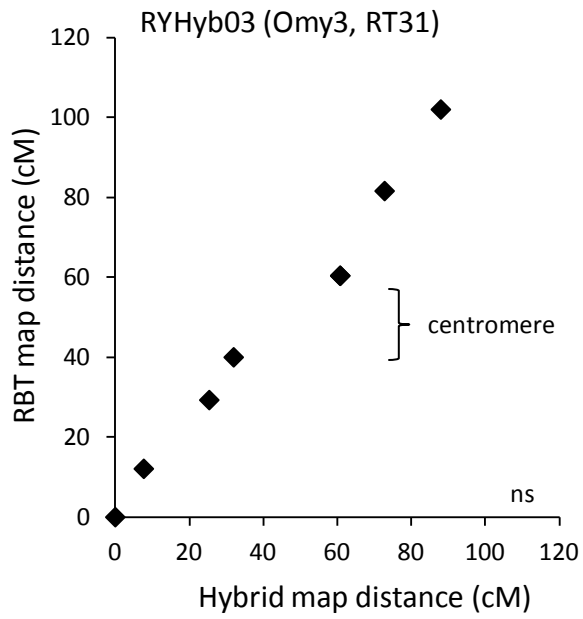
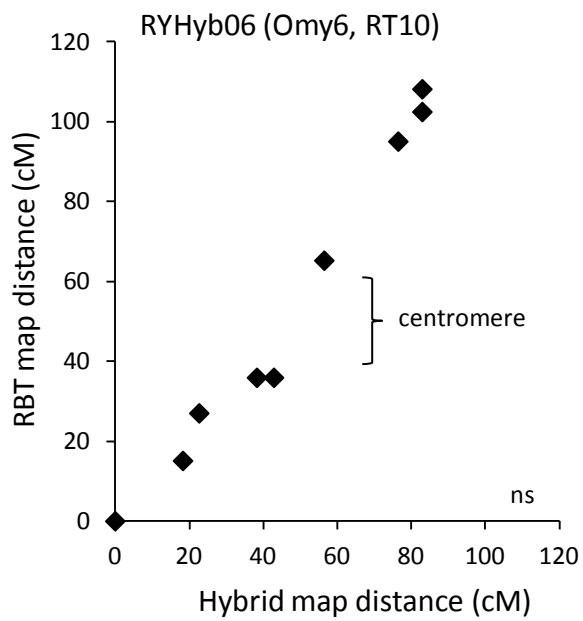
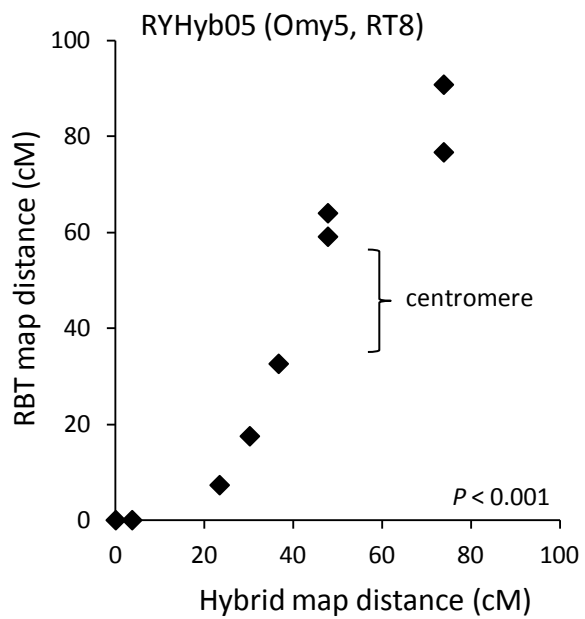
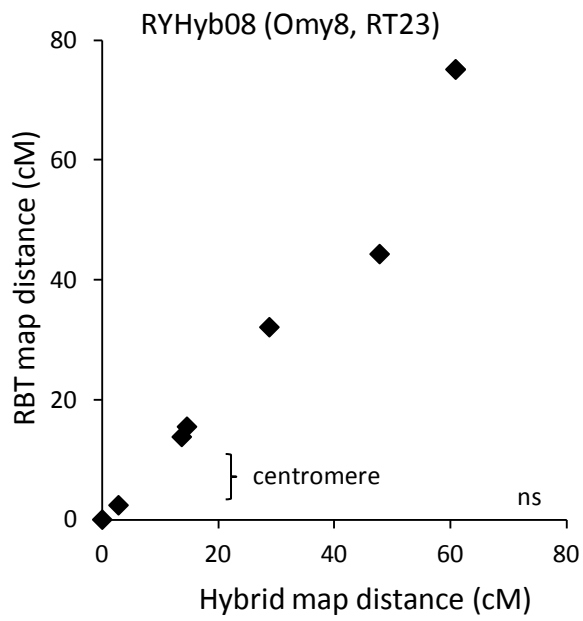
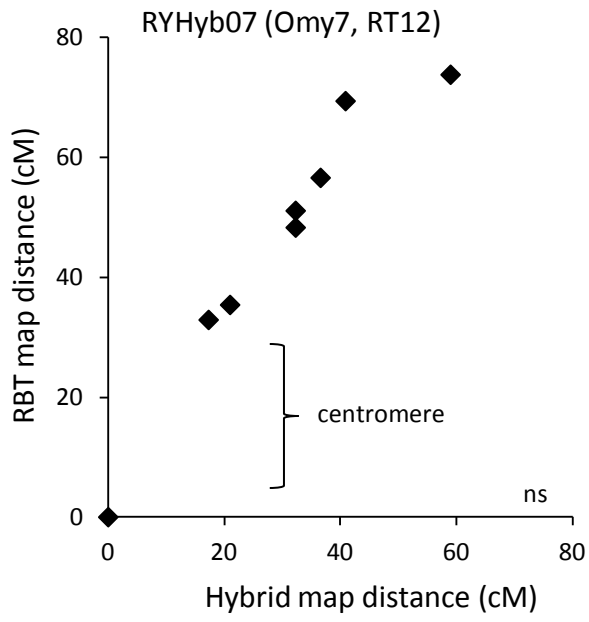


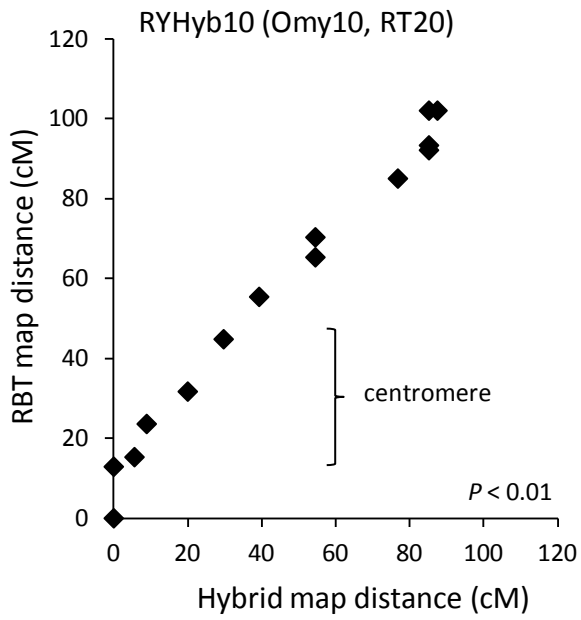
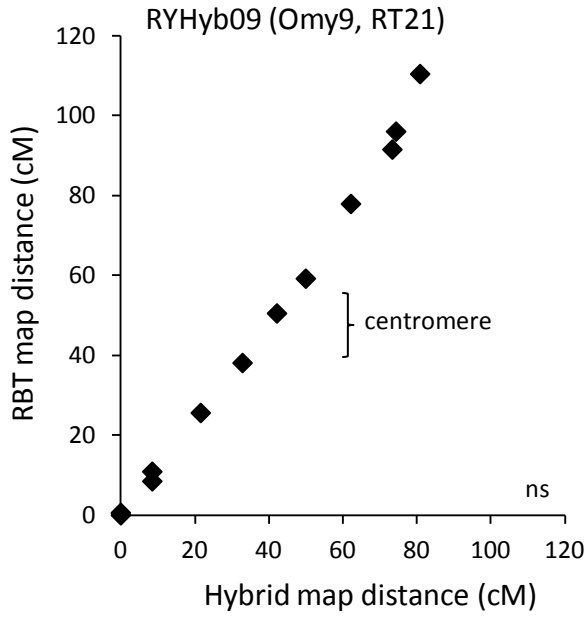
Additional file 4. Comparison of map distances in centiMorgans (cM) across the same markers in the female-merged  $F_1$  hybrid linkage map (X-axis) and the female consensus rainbow trout (RBT) map (Y-axis). Black diamonds indicate mapped markers ( $p$  to  $q$  orientation) and brackets indicate putative centromere locations for metacentric linkage groups identified in Guyomard et al. (2006). For acrocentric linkage groups, the marker closest to the centromere is plotted at zero. Significant differences in recombination ( $P$ -values) between the female-merged  $F_1$  and consensus RBT female maps across linkage groups are indicated (ns, not significant).

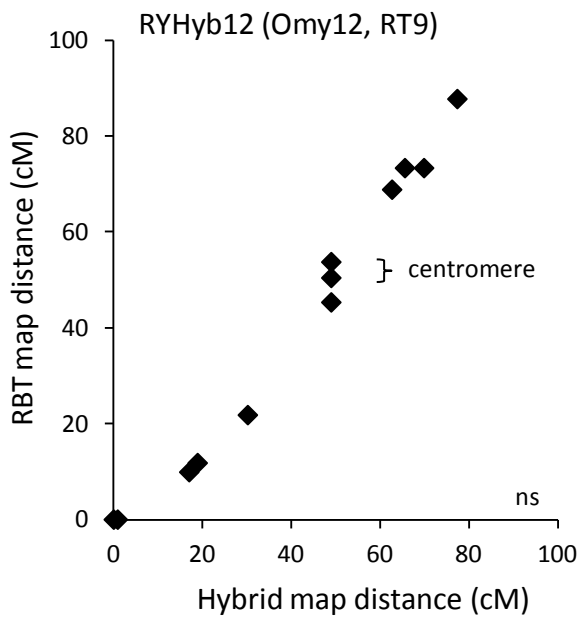
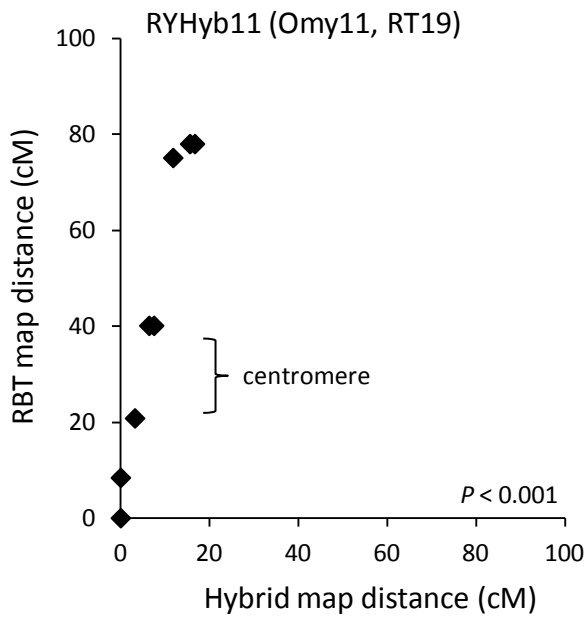


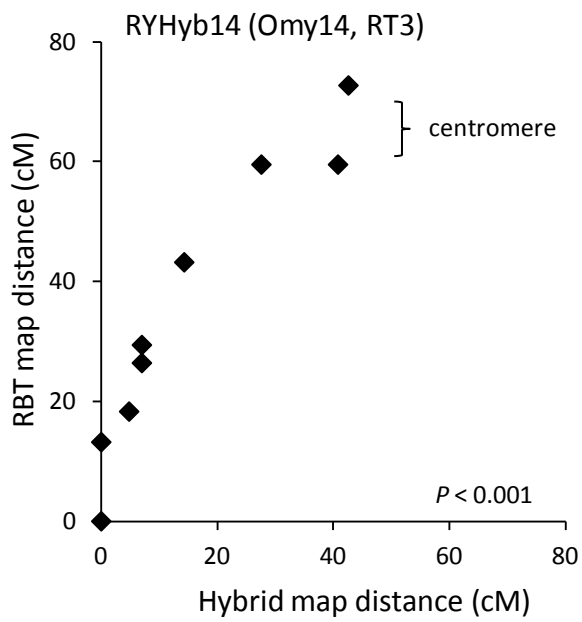
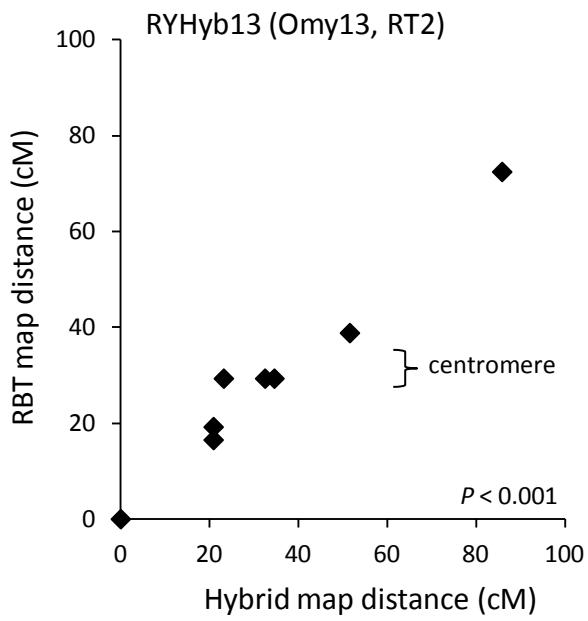


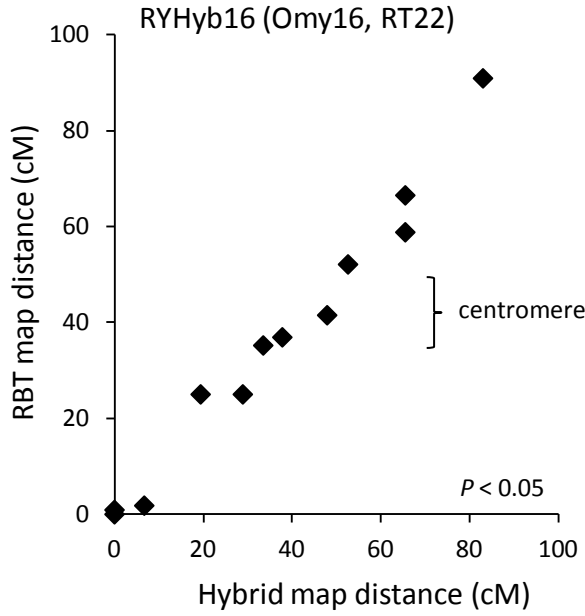
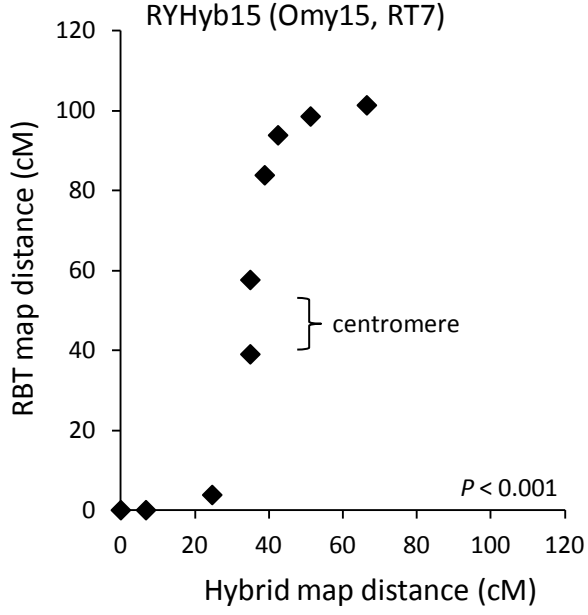


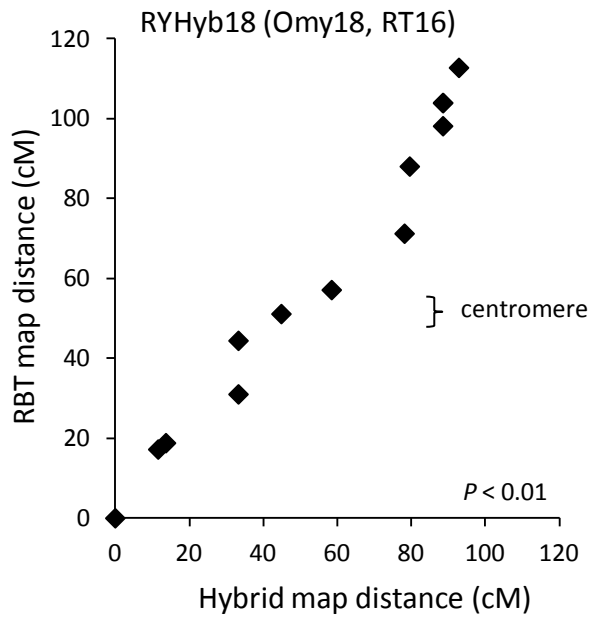
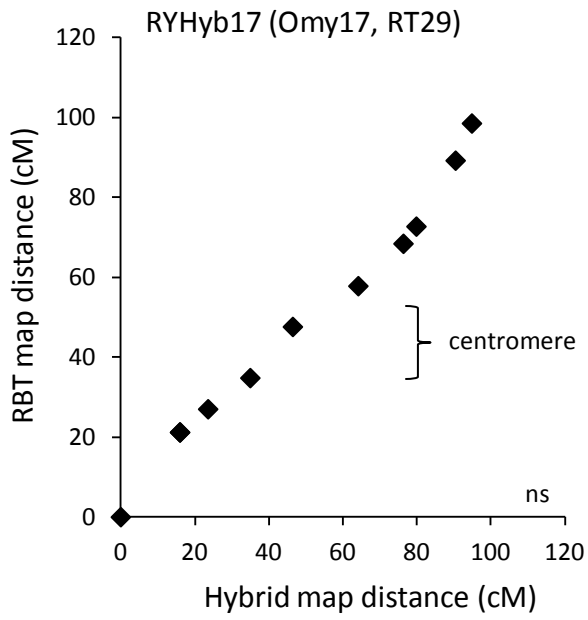


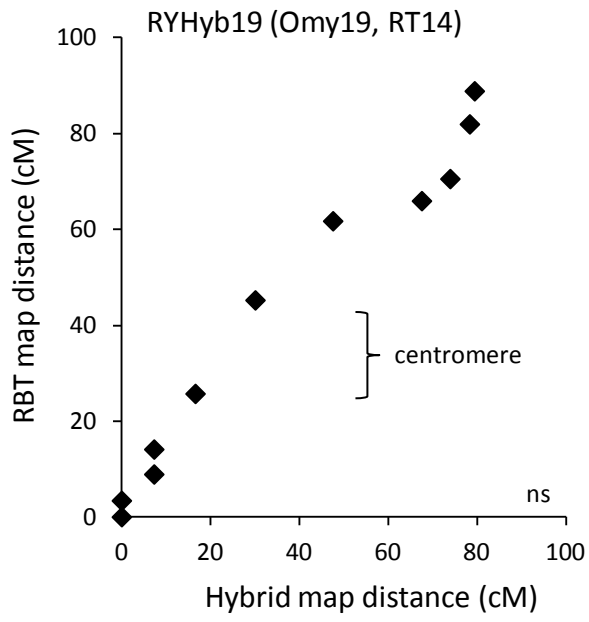












Map distance comparisons for RYHyb20 were done across each RBT chromosomes that was fused in the hybrid map.

