

Fig. S6

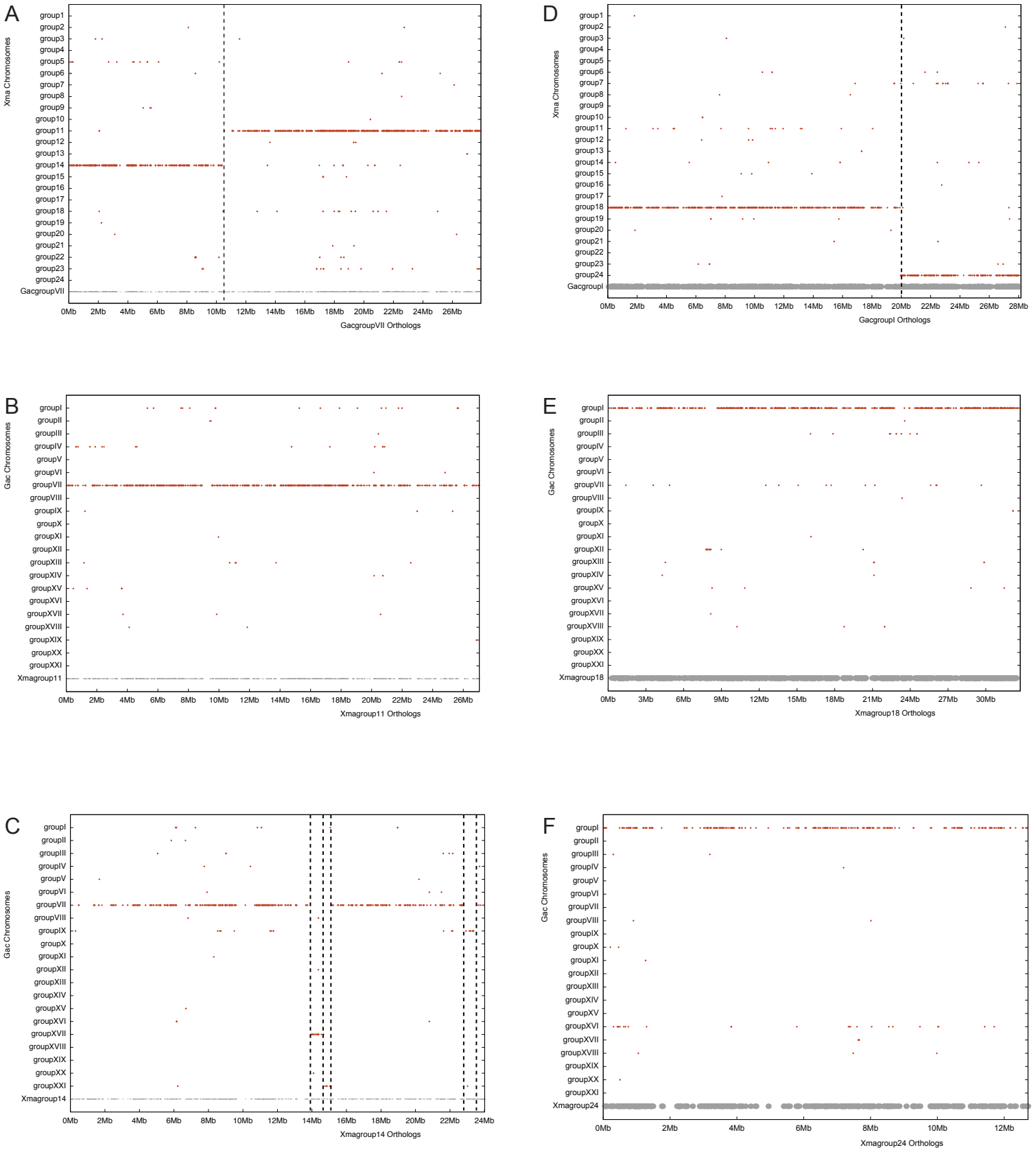


Figure S6 Stickleback (*G. aculeatus*) chromosome fusions (in addition to the fusion of chromosomes related to Xma23 and Xma17, which formed GacIV (see Figure 4)). A. Stickleback chromosome GacVII contains orthologs of genes on Xma14 and Xma11. B. Reciprocally, orthologs of Xma11 are almost exclusively on GacVII. C. Likewise, orthologs of Xma14 are mostly on GacVII, except for short regions discussed in Figure S5. Thus we conclude that GacVII arose from a fusion of chromosomes represented today in platyfish by Xma11 and Xma14. D. Stickleback chromosome GacI contains orthologs of genes on Xma18 and Xma24. E. Reciprocally, orthologs of Xma18 are almost exclusively on GacI. F. Likewise, orthologs of Xma24 are mostly on GacI. Thus we conclude that GacI arose from a fusion of chromosomes represented today in platyfish by Xma18 and Xma24.