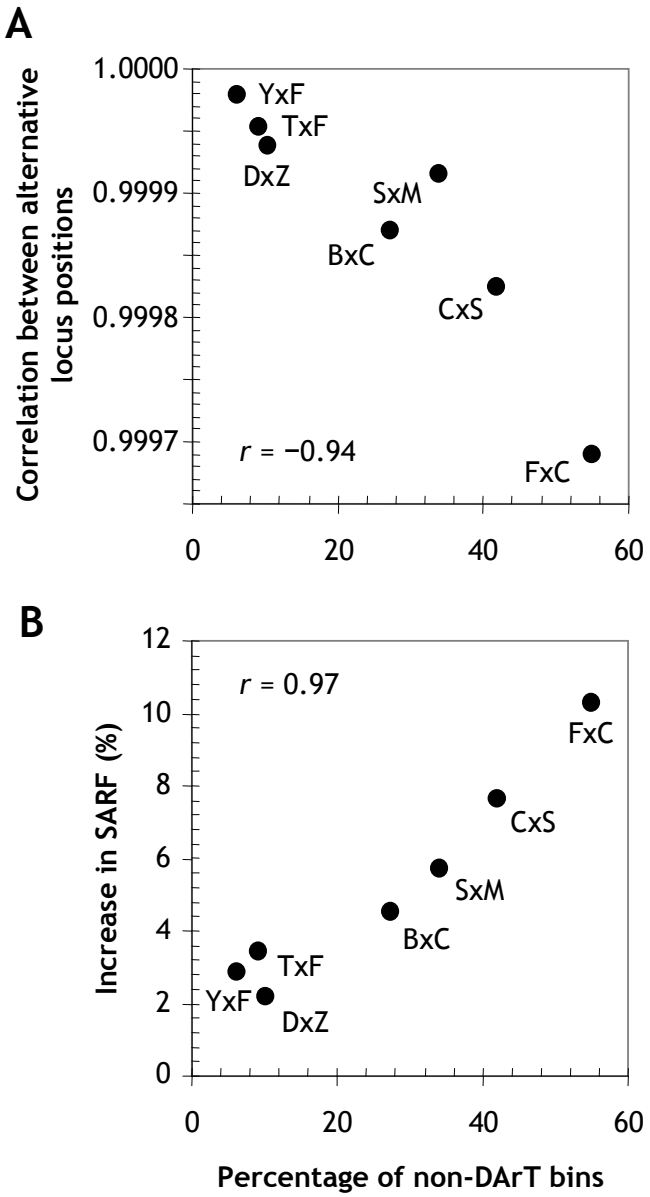

Additional File 9 - Influence of the dataset composition on locus-ordering precision. (A) Similarity between the arrangement of loci in the consensus map and their arrangement in individual component maps. The across-chromosomes average of the correlation coefficient between two alternative sets of locus positions, reflecting either consensus or component-map order, is shown as a function of the percentage of non-DArT loci in the individual datasets. **(B)** Map expansion caused by imposing the consensus locus order on individual datasets. The increase in SARF compared to individually optimized component maps is shown as a function of the percentage of non-DArT loci in individual datasets. Abbreviations of populations: B/C, Barque-73/CPI71284-48; C/S, Clipper/Sahara; D/Z, Dayton/Zhepi2; F/C, Foster/CI4196; S/M, Steptoe/Morex; T/F, TX9425/Franklin; Y/F, Yerong/Franklin.