Supplemental figure S1. Genomic comparison of linkage groups of diploid *Avena* to *Brachypodium* chromosomes, ordered by the *Avena* LGs. Pairs of orthologous loci were grouped together according to the criteria described in Materials and Methods. Syntenic blocks are displayed as a ribbon that joins segments of homology. *Brachypodium* chromosomes are colored in blue and diploid *Avena* LGs in red, as well as their corresponding alignments to *Brachypodium*. For the sake of clarity and because of the significantly smaller *Brachypodium* chromosomes with regards to their *Avena* counterparts, the relative size of the former was increased 10-fold. Distances are either in megabases (Mb) or centi-Morgans (cM).