**Figure S5.** DNA sequence alignment of *RPP4*, *At4g16960*, and the chimeric gene located at the duplication boundary in the *bal* variant. Nucleotide sequence of *RPP4*, *At4g16960*, and the chimeric gene (Chimeric) were aligned using CLUSTALW2 [http://www.ebi.ac.uk/Tools/clustalw2/index.html](http://www.ebi.ac.uk/Tools/clustalw2/index.html). For each gene, a 300 bp sequence covering -60 to +240 relative to the translational start codon was used. Polymorphic nucleotide sequences between *RPP4* and those in *At4g16960* are indicated in color: red for *RPP4* and blue for *At4g16960*. Start codons, confirmed for *RPP4*, but putative for Chimeric and *At4g16960*, are indicated by brown boxes. The breakpoint in the *bal* variant that created the chimeric gene is delimited to the underlined 186 bp region of identity between *RPP4* and *At4g16960*. 