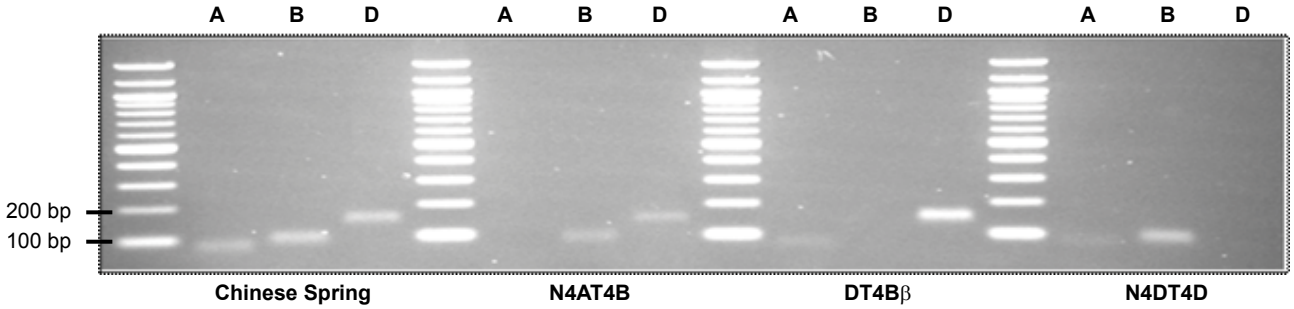

Figure S1: The use of homoeologue specific qRT-PCR primers to validate the chromosomal location of *Rht-A1*. Homoeologue specific qRT-PCR primer validation. Products amplified with homoeologue specific primers from gDNA of wheat chromosome 4 nullisomic-tetrasomic lines (Chinese Spring, euploid control; N4AT4B, nullisomic 4A tetrasomic 4B; DT4Bβ, ditelosomic 4Bβ; N4DT4B, nullisomic 4D tetrasomic 4B). The Rht-A1 primers (products shown in lanes A) amplify a 74 bp fragment, which was absent from N4AT4B, Rht-B1 primers (lanes B) amplify a 91 bp fragment, absent from DT4Bβ and Rht-D1 primers (lanes D) amplify a 146 bp fragment, absent from the N4DT4B template.