

Table 1. Primers for real-time quantitative PCR.

Gene	GeneBank accession No.	Primer sequence (from 5' to 3')
<i>OsXIP</i>	AK064356.1	TCGCGGCACTTCTCTCCTTGGCAGAGCTTGTAGGTGCCCGGGAT
<i>Osactin</i>	AK101613.1	TCAGCAACTGGGATGATATGGAGGCCGTTGTGGTGAATGAGTAAC
<i>OsPR1a</i>	AJ278436	CGTCTTCATCACCTGCAACTACTCCACTAAGCAAATACGGCTGACAG
<i>OsPR1b</i>	AK107926	GGAAGGTGTGCGGGCACTACGTATGGACCGTGAAGGCGTG
<i>PR4</i>	AY050642	ATCACCGGATCTCGAGCACTATTATTGTCGCACCTGTTCCC
<i>Pid2</i>	NM_001064221	TTCAGGACATCTCGACGCCAAATGAAGTCCCCTCCTCGCTGC

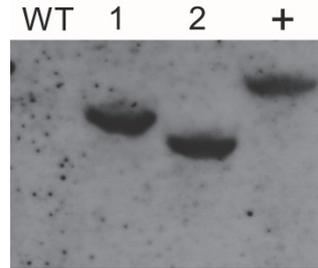


Fig. 1 Suppl. Xylanase inhibitor activity of recombinant protein OsXIP and OsXIP expressed in transgenic plants. Southern blot of DNA from transgenic plants digested with *EcoR* I to produce border fragments and hybridized with the PCR-DIG-labeled *HPT* probe. 1 and 2 represented genomic DNA extracted from transgenic lines, respectively. The *HPT* coding region from plasmid (+) and DNA from wild-type plant (WT) were used as positive and negative control, respectively.