

**Table S3** List of *PIN* genes and primer pairs for qRT-PCR

Serial No.	Gene	Length	Primer pairs
1.	<i>OsPIN1a</i>	20	5'- GGGCTCCAGCTTCAACCACA -3'
		20	5'- TGGAGGTCTTTGCCGTCCTC -3'
2.	<i>OsPIN1b</i>	19	5'- ACGCGTCCAAGCCCAAGTA -3'
		20	5'- CTGTCCATGACGCCCCTGTT -3'
3.	<i>OsPIN1c</i>	20	5'- GCAGTCACACTCGCAGTCCA -3'
		20	5'- GTCCTTCCTCTTCCCCACCA -3'
4.	<i>OsPIN1d</i>	20	5'- AGGTGAAGGAGGACGGCAAG -3'
		20	5'- GAAGTCGGTGTGGTTGAAGC -3'
5.	<i>OsPIN2</i>	20	5'- GAGATCGAGGACGGGCTGAA -3'
		20	5'- CTGATGAGCTTGCGCCACAC -3'
6.	<i>OsPIN5a</i>	20	5'- TCCGTCTTCCAGGCCATTGT -3'
		19	5'- ACTTTCACCAGCGCCCACA -3'
7.	<i>OsPIN5b</i>	20	5'- TCCTGCACCTCGCCATCATA -3'
		20	5'- CAAAGCCCAGAACCGCGTAA -3'
8.	<i>OsPIN5c</i>	20	5'- ACCCCTTCGCCCTCAGCTAC -3'
		20	5'- CGACGAGCGTGTGTTGTTTCAGC -3'
9.	<i>OsPIN9</i>	20	5'- GCTTCCTTGGCCTCATCTGG -3'
		20	5'- GCATCACAACCGGGCCTATC -3'
10.	<i>OsPIN10a</i>	20	5'- ACGGCTCAGGCAAAGAGCAC -3'
		20	5'- GCTCGACCCCATCTTCGTCA -3'
11.	<i>OsPIN10b</i>	20	5'- CGCTGTACGTGGCGATGATG -3'
		20	5'- GACGAAGCGGAGGTTTCATGG -3'