

Supplementary Table S1

The list of primers used in PCR reactions

Gene name	Primer sequences (5'→3')	Usage
<i>PtoABCG36</i>	FP-1: CGCGGATCCATGGACGGCGTAGAGAGAGCT RP-1: CGCGGATCCTCTTGTCTGGAAGTTCAGTGTCC	Primers for cloning
<i>PtoABCG36</i>	FP-2: GGACTAGTATGGACGGCGTAGAGAGAGCT RP-2: TCCCCCGGGCTATCTTGTCTGGAAGTTCAGTG	Primers for yeast assay
<i>PtoABCG36</i>	FP-3: CATTACCCTATGCCATTGCAC RP-3: TCTTGTCTGGAAGTTCAGTGTC	PCR analysis
<i>PtoABCG36</i>	FP-4: CAAGTGGTGGGTCTGGTAC RP-4: CTTGTCTGGAAGTTCAGTGTC	Quantitative PCR
<i>AtActin-1</i>	FP-5: TGGTCGTACAACCGGTATTG RP-5: CATACTCGGCCTTGGAGATC	Quantitative PCR
<i>UBQ(FJ438462)</i>	FP-6: GGAAGCTGCTGGTATCCACGAGAC RP-6: GCTGGAAGGTGCTGAGAGATGC	Quantitative PCR

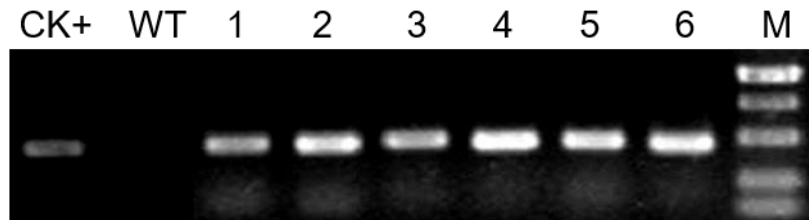


Figure S1. PCR analysis of *PtoABCG36*-overexpressing plants. Identification of *PtoABCG36* transgenic Arabidopsis plants. CK+, positive control; WT, wild type; 1-6, transgenic Arabidopsis lines; M, DNA ladder.

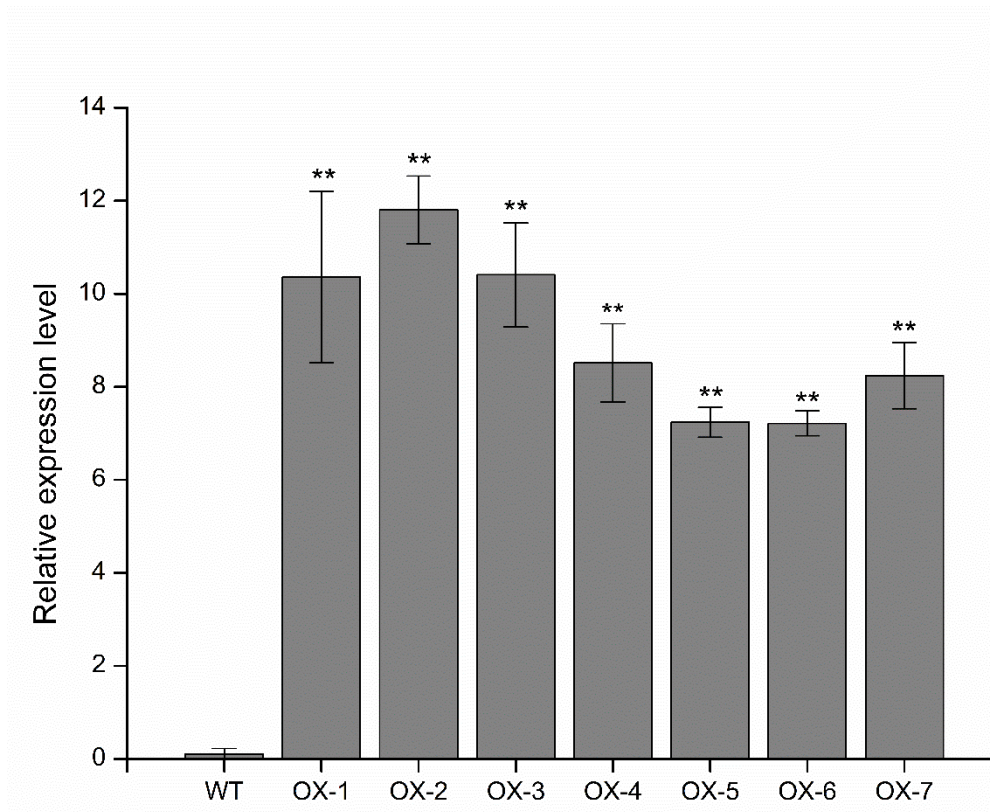


Figure S2. Relative expression level of *PtoABCG36*-overexpressing Arabidopsis plants. WT, Arabidopsis wild type; OX-1, OX-2, OX-3, OX-4, OX-5, OX-6 and OX-7, different transgenic Arabidopsis lines.