

Table S1. Primers used for the expression profiles and prokaryotic expression of DabiOBPs in *D. abietella*.

Gene	Primer sequence (5'-3')	
	Forward primer	Reverse primer
qRT-PCR analysis		
OBP5	AGGAGGATATAGCGAATTGC	CGGAGTAGTCTTCTGGTATC
OBP14	GCTTGTATGCCTAAGAACG	TCTGGAGGGAACATCATATC
RPL8	GGCATGGTTGGAATTGTT	AGTTACGCTTCACCTTGT
Prokaryotic expression		
OBP5	CGGGATCCCAAAAACATAAACCTGTTTT AGTG	CCCTCGAGTTAGAATAAAAAGTAGAAATC AGGGT
OBP14	CGGGATCCATGACGCGACAGCAGTTGAA	CCCTCGAGTTATGGAAACACAAAATAGCT TGGA

Note: Restriction enzyme sites (forward: BamH I and reverse: Xho I) are underlined.