

## Supplementary Material

### Defence mechanisms associated with mycorrhiza-induced resistance in wheat against powdery mildew

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**Table S1. Genes analyzed by real-time reverse-transcription polymerase chain reaction**

Gene	Primer sequences	Genbank accession number	PCR primer efficiency (%)	References
<i>ACT</i> (actin, housekeeping gene)	5'-AACCTTCAGTTGCCAGCAA-3' 5'-TGTTTCGACCGCTGGCATAAC-3'	AB181991	97.7	Tayeh <i>et al.</i> 2015
<i>PAL</i> (phenylalanine ammonia lyase)	5'-CCCCCATTGGTGTCTCCAT-3' 5'-ACTGCGCGAACATCAGCTT-3'	AY005474	92.7	Tayeh 2012
<i>LOX</i> (lipoxygenase)	5'-GGGCACCAAGGAGTACAAGGA-3' 5'-GCTCGTGATGGTGTGGATGA-3'	U32428	100.0	Tayeh <i>et al.</i> 2015
<i>POX</i> (peroxidase, <i>POX381</i> )	5'-CACCACACCACTCCACCAGTAA-3' 5'-AGCACCACAAGAGAAAGGCAAG-3'	X56011.1	95.0	Khong <i>et al.</i> 2013
<i>CH11</i> (chitinase 1)	5'-GCCACGTCCCCACCATACTAT-3' 5'-CCGGCAAGATCGTAGTTGGA-3'	AB029934	90.0	Tayeh <i>et al.</i> 2015
<i>NPRI</i> (non expressor of pathogenesis related gene 1)	5'-TGTGCTGGACAAGATCATGGA-3' 5'-TCCTTGCCAAAGCAACTCG-3'	AX351145	96.0	This study