

# Exploring the Biocontrol Potential of *Phanerochaete chrysosporium*

## Against Wheat Crown Rot

**Table S1** Primer pairs of genes for qPCR to validate transcriptome

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>gpd</i>	ATGTTTGTCTGCGGTGTCA	TTCTGGGTAGCGGTGGTAG
<i>AGR57_4555</i>	CGCTCAAAGCCAACTTCCTC	CGCGATTGACTCCAGCTACTT
<i>AGR57_10505</i>	CGGGCTCTGTCTGGCTTTA	GCGATTGGATGCGGTTGAT
<i>AGR57_7806</i>	GACCACCCAGCAGTCGTTC	TGTAGATGTTGATGAGGATACCG
<i>AGR57_3705</i>	TTCGGGCTTCGCAGATGA	CGTAGTCCGCAAAGTCCTGGTT
<i>AGR57_9511</i>	TCGCCGACGACAAATCA	TTCCACCACGAATCTTGAGT
<i>AGR57_8924</i>	ACTTCGCAGCACCACCCT	TTCGTCCTGGCAGAACACC
<i>AGR57_8923</i>	GTTCAGCGAAGAGCACTACCGA	TTCCTCCGAGGGCACCAC
<i>AGR57_3689</i>	CACGCCCGAAGGCAAGAT	AGGAGGCTGAGGCCGAAGA
<i>AGR57_4271</i>	CGACCCTCGTGATGATTGC	CGTCCCACCGATGCTGAA

**Table S2** Primer pairs of plant antioxidant enzyme and defense-related genes

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>SOD</i>	GAAGAACCTCAAGCCTATCAGCG	CAGAGGGTGCTTTACAAGGATCT
<i>POD</i>	GCCGTTGAGATTACTGGTGGAC	GTCTTCCTGATGCTACCAAGGG
<i>PR2</i>	ACTTTTCAGAGGAAGCAGCGA	AGTCTGCCGATGGTATACACAA
<i>PR 1-2</i>	GCAAAGGTGACTGCCAACTG	AAGTGGCACAGATGCAGTGA
<i>PP4</i>	CGCCCAAGGACATCCTGATT	ACGCTTTATTGCGGTTTCG
<i>α-Tubulin</i>	AAAGGAGGATGCGGCGAACAA	AGTGTTGATGAGGCGGCTTGT