

**Supplemental Table 3: Real-time PCR primers used in this study**

<b>Gene</b>	<b>Systematic name</b>	<b>Primer name</b>	<b>Sequence</b>
<i>pkcA</i>	Afu5g11970	pkcA 2663 FW pkcA 2783 REV	5'-CCGAAGTTCTGTTGGCTCTC-3' 5'-CAGAGACCGTAATCGGCAAT-3'
<i>mpkA</i>	Afu4g13720	mpkA FW mpkA REV	5'-GGCCATCAAGAAGGTTACCA-3' 5'-TGAAATTGTCTGGTCTGTTGGA-3'
<i>rlmA</i>	Afu3g08520	rlmA FW rlmA REV	5'-GACGCCGATCTCTGCTCTAC-3' 5'-GGAGTGGGGAAGGTTAGAGG-3'
<i>fskA</i>	Afu6g12400	fskA FW fskA REV	5'-AAGCAATCGAAGCTCAGGAA-3' 5'-ACCAATCCCATAGAGCGAAC-3'
<i>agsA</i>	Afu3g00910	agsA FW agsA REV	5'-CCAACACCTGGAAGATGACC-3' 5'-AACACCGACCGATAGAAGGA-3'
<i>agsB</i>	Afu2g11270	agsB FW agsB REV	5'-TCAGGGATTGGGCTGTATGT-3' 5'-TAGCACTTGAGAAGCCAGCA-3'
<i>agsC</i>	Afu1g15440	agsC FW agsC REV	5'-TGCAGACCCTGACAAGAGTG-3' 5'-GAACAAGGCAATCCAGAACC-3'
<i>gelA</i>	Afu2g01170	gelA FW gelA REV	5'-CACTGGCTACGGTCTTCCTC-3' 5'-CATTGTTGCCGCTAATCTCC-3'
<i>gelB</i>	Afu6g11390	gelB FW gelB REV	5'-CAGGAGGAGAACGACTACGG-3' 5'-AGGTCTGGGTTGTGTTGGAG-3'
<i>gelC</i>	Afu2g12850	gelC FW gelC REV	5'-GAATGGTGCGGTGACAAGAC-3' 5'-TGTTGCAGCCGTATTCAGAG-3'
<i>gel4</i>	Afu2g05340	gel4 FW gel4 REV	5'-CCTCTGGCCAATGTTGACAA-3' 5'-GGTGCGCAGCTGCTTCA-3'
<i>chsA</i>	Afu2g01870	chsA FW chsA REV	5'-CTGGAGTGTGGCTGGTCTCT-3' 5'-GCGTGTGAAAGCAGTATGGA-3'
<i>chsB</i>	Afu4g04180	chsB FW chsB REV	5'-GCTCTCCACTGTCGGTCTCT-3' 5'-GGTCGTTGTTGATGGTGTG-3'
<i>chsC</i>	Afu5g00760	chsC FW chsC REV	5'-TTGCTGCGAGTTTGTATTCC-3' 5'-GCCAGTAGGATGCCAAAGAG-3'
<i>chsD</i>	Afu1g12600	chsD FW chsD REV	5'-CAGAACACGATCCGAACAAC-3' 5'-GCTTCGCACCCAAGTAGAAC-3'
<i>chsE</i>	Afu2g13440	chsE FW chsE REV	5'-TGGTGTTGTTGACTTGCTC-3' 5'-TCATCCATCCAACCATTTCC-3'
<i>chsF</i>	Afu8g05630	chsF FW chsF REV	5'-AACCTGCTTCTTCTGGGTGA-3' 5'-GAGCACGAGTTCATGAGGT-3'
<i>chsG</i>	Afu3g14420	chsG FW chsG REV	5'-AGGATGAGGGCAAAGAGGTT-3' 5'-AAGGCGTTGCTAAAGATCCA-3'
<i>csmB</i>	Afu2g13430	csmB FW csmB REV	5'-ACAATACGCGGCGAATCC-3' 5'-GTTATCCCGACTGCCCAAAA-3'
<i>sod1</i>	Afu5g09240	sod1 FW sod1 REV	5'-CAAGATCACCGGCACTGTCA-3' 5'-AGACGGTGGTGGGAGAGTTCT-3'
<i>sod2</i>	Afu4g11580	sod2 FW sod2 REV	5'-GCTTCGGCTGCTCCAAGA-3' 5'-CCTTGCCGCGAGCAAAA-3'
<i>cat2</i>	Afu8g01670	cat2 FW cat2 REV	5'-ACATTGCCGCGCTCAAG-3' 5'-GCGGTGGAGATGAAGCTTCT-3'
<i>cat1</i>	Afu3g02270	cat1 FW cat1 REV	5'-TCGGCCCCTGCAGATTC-3' 5'-AGCGCCCCAACAGTCTTG-3'
<i>yapA</i>	Afu6g09930	yapA FW yapA REV	5'-GGAAGCCCATCCCACAATT-3' 5'-TCTTTGGCGCTGCTGGTT-3'
<i>tubA</i>	Afu1g10910	tubA FW tubA REV	5'-TTCCAACAACATCCAGACC-3' 5'-CGACGGAACATAGCAGTGAA-3'