

**Table S1.** Primer sequences used for qRT-PCR.

Gene name	Gene ID	Primer sequence	
		Forward primer	Reverse primer
<i>ACT8</i>	AT1G49240	5'-GTGAGCCAGATCTTCATTCGTC-3'	5'-TCTCTTGCTCGTAGTCGACAG-3'
<i>UBQ10</i>	AT4G05320	5'-CACACTCCACTTGGTCTTGC-3'	5'-AAGATCAACCTCTGCTGGTC-3'
<i>ADC1</i>	AT2G16500	5'-CCCATCGATACCTTTTCCAG-3'	5'-AAACCACTCGGATCTGTAAC-3'
<i>ADC2</i>	AT4G34710	5'-CCGCCGGTGATGTTTTATC-3'	5'-CAATCCTAAACCACCGGAAG-3'
<i>ARGAH1</i>	AT4G08900	5'-CTTTTACAGGTTGGGATCAG-3'	5'-CCTGAAGGTTGTGTAAGATG-3'
<i>ARGAH2</i>	AT4G08870	5'-AAATGTTGGAAGAACTTGAACTAG-3'	5'-AAACTTAGCCGCGACCATTG-3'
<i>AIH</i>	AT5G08170	5'-TTCCTCATCACTCGGTTGTG-3'	5'-TTAATGAACGGCTCTCGTTC-3'
<i>CPA</i>	AT2G27450	5'-CTTCATTGCCGGACCAACAG-3'	5'-TAATGGATTTCGCCAGTGTG-3'
<i>SPDS1</i>	AT1G23820	5'-CATTTCTCGGAGATATTCACCAG-3'	5'-TCCATATGTTGCAGACTGGA-3'
<i>SPDS2</i>	AT1G70310	5'-GTCTCTCTTCTTCAATCCATG-3'	5'-TCCATATGTTGCAGACTGGA-3'
<i>SPMS</i>	AT5G53120	5'-ACATATCCAAGCGGCGTGAT-3'	5'-CCTCTTCAAGAGTTCTACAAAG-3'
<i>ACL5</i>	AT5G19530	5'-ACCGTTAACCAGCGATGCTT T-3'	5'-CCGTAACTCTCTCTTTGATTTC-3'
<i>SAMDC1</i>	AT3G02470	5'-GGTTTCTGGAACAAGGAGT-3'	5'-TCTTGAGCAGTTTGAGTAG-3'
<i>SAMDC2</i>	AT5G15950	5'-TCCTCTACATAAAAAGCGTG-3'	5'-GGAACCAGAGCTTTGAGAAA-3'
<i>SAMDC3</i>	AT3G25570	5'-CTGCTTACTCAAACATCACTG-3'	5'-GAACGAAGACTCTTTCCTTG-3'
<i>SAMDC4/BUD2</i>	AT5G18930	5'-CGAAGATATCTCTGAGGTGT-3'	5'-CTCCTTTTTTACTCCTCCGG-3'
<i>PAO1</i>	AT5G13700	5'-TGGTCAAGTAGCTGAAGAAG-3'	5'-CCCTAACTACCTGGTTTAGT-3'
<i>PAO2</i>	AT2G43020	5'-TAGGCCACAGGGTTACTAAG-3'	5'-ACTCTACTTTCCGCCAAAAG-3'
<i>PAO3</i>	AT3G59050	5'-GTTGGGATCAGGAAGAACTG-3'	5'-TGGAAGCTTTGGTTTCAATG-3'
<i>PAO4</i>	AT1G65840	5'-GAACCATAGGGTTACTAAAG-3'	5'-CCCGAGGAAGTCCACATTAG-3'
<i>PAO5</i>	AT4G29720	5'-ACAACACCGACAAGGAGATT-3'	5'-CCAGTCTCTTTAGCGATTCT-3'
<i>CuAO<math>\alpha</math>1/CuAO5</i>	AT1G31670	5'-GTTTGGTCCCAAAGGAATAG-3'	5'-GTTCTGGCAGTGCACGTTG-3'
<i>CuAO<math>\alpha</math>2/CuAO8</i>	AT1G31690	5'-GCTTGAGAGCGGAGGAGTTG-3'	5'-TTCTCTATTTCCCTATCTCTTTG-3'
<i>CuAO<math>\alpha</math>3/CuAO2</i>	AT1G31710	5'-GTGTGGTCTCAAAGGAATAG-3'	5'-TTACAGTCCATCATCAAGTAG-3'
<i>CuAO<math>\beta</math>/ATAO1</i>	AT4G14940	5'-GTATGGAGTAGTAGGAACAG-3'	5'-GTTTGACGTAACATAAGTCAATC-3'
<i>CuAO<math>\gamma</math>1/CuAO1</i>	AT1G62810	5'-GTCAGACCGGGACCGTTC-3'	5'-GGATATTTGATCTTCTCTACTTG-3'
<i>CuAO<math>\gamma</math>2/CuAO7</i>	AT3G43670	5'-AGTTTGGTCCGACAGAGATC-3'	5'-GCACAGTGTCGAATAAGATG-3'
<i>CuAO<math>\delta</math>/CuAO4</i>	AT4G12270	5'-ATCACCGGTATACCGATAAG-3'	5'-AAAGTGACGTAGTGATCGTG-3'
<i>CuAO<math>\zeta</math>/CuAO3</i>	AT2G42490	5'-GTTTCACACTAATGCCACATG-3'	5'-AGTCTTGCAAACACACACAC-3'