

Table S1 The primers used for qRT-PCR in this study.

Gene name	Accession number	Forward primer 5'-3'	Reverse primer 5'-3'
<i>CsEF1-α</i>	KA280301.1	TTCCAAGGATGGGCAGAC	TGGGACGAAGGGGATTTT
<i>CsActin1</i>	KA280216.1	GATGCTCCCAGAGCAGTTT	TGGGCTTCATCACCTACATAAG
<i>CsTSB2</i>	KX022970	CCTTATCTCCACGCCCACTA	ACGACTATGCCGACTTGAAG
<i>CsHDA2</i>	TEA022483.1	GGCATTGAGAAGCTGCATCC	TGTCCAGAACACCATCCACG
<i>CsHDA5</i>	TEA031394.1	TACTTCCCTGTGGAGGCATTG	ATGGTGCACGTCATTGTCAG
<i>CsHDA6</i>	TEA030008.1	GAGGCCTCTGGCTTTTGCTA	TACAGTACACGCCTGTGAACC
<i>CsHDA8</i>	TEA002103.1	ACAGAGTTGGTTGTCCCTGC	TGGATCAAAAAGCGCTTGAATCTT
<i>CsHDA9</i>	TEA015322.1	TAACGGGAGGTGGGGGATAC	TCTGGGATCTCATTGGGGAGT
<i>CsHDA14</i>	TEA022556.1	AAATGTGGCAATCGCAGCTC	TTAGTTCCATTGCCGTGGTG
<i>CsHDA15</i>	TEA011986.1	AGGGCGGCTATAATCTCCGA	TCACCACTTCACATCCAGGAC
<i>CsHDA19-1</i>	TEA005116.1	TTGCCGCTTTCATGCTGATG	ATCGCTTGAGTTGCCTTAGC
<i>CsHDA19-2</i>	TEA011695.1	CGAGCCTAAAGACACGGAGG	GGACGACATTGCTCCTGGAT
<i>CsSRT1-1</i>	TEA008678.1	GTTATGCTTGGGGACAAGTT	TAACGAACTTTCCCCACCAC
<i>CsSRT1-2</i>	TEA022133.1	TGGAGTGGAGTATTTGCGGG	GCCCCACACTTCACATCAGA
<i>CsSRT1-3</i>	TEA000916.1	ACCACTTCGGCTAAAAAGGAG	ATGAACACCCACAACCGTCA
<i>CsSRT1-4</i>	TEA031187.1	AGTGTGGACACTTCAGCGTG	AGCCAGCCTTCTCAAGTTCA
<i>CsSRT2</i>	TEA024494.1	AGGCCTGATGGTGACATTGAG	CCGAAGAAGACAACGTCAGGT
<i>CsHDT1-1</i>	TEA025382.1	TCCTCAAAAAGTCTGATGCCAAG	TGGAGTTGGCTGCTTTGACT
<i>CsHDT1-2</i>	TEA024634.1	GCAATGTACATGTGGCTACGC	TTTTGGGGTCTGCTGGTTTG
<i>CsHDT1-3</i>	KY364373	TGGGGTGTGAGGTCAAAAGT	TCACCAAGACAAGCCTGTGA
<i>CsHDT1-4</i>	TEA033281.1	GACACCTAAGAAGGCTGGGC	TTTGCCTTTTTAGCGGGCAC
<i>CsHDT1-5</i>	TEA031067.1	GCCATTGCCTTGTTCCAGA	CTCTCAGCTGCAGGAGGTTT
<i>CsHAC1</i>	TEA032635.1	GCAACGATTGTTTAGGCGGT	TTCTGCCCTGGAGTCTCAT
<i>CsHAC1-like</i>	TEA015875.1	CAAGTGTGAGGCTTGGCAAC	ATACGCTCTCCTCTTTCAACTT
<i>CsHAC11</i>	TEA029863.1	GGTCATCGAACGGCGGAAG	TCAAGCCTCCTATTGAACTCGG
<i>CsHAC12</i>	TEA029420.1	ACCGGTGGTGGTAATAGCAT	TCGCTGGTACTTGAGAATTGA
<i>CsHAG2</i>	TEA022834.1	TTGTATTGCCTCCTTACCAGC	ACAACATCAATACAGTTTCGA
<i>CsHAG3</i>	TEA032984.1	TGGAATCCAGGACATTCACCA	CCCAGCCCTCATTTCAGTA
<i>CsHAG5</i>	TEA030042.1	AGGTCATCGAACGCCGC	CCTATTGAATTCAGTGTAGTGAA
<i>CsHAG1</i>	TEA024211.1	AGTTCGGTTCAGGGAATTGC	ACTTGAGTCTTCCAGCTTCCTC
<i>CsHAF1</i>	TEA013067.1	CAGGATGGTCGAGATGAAGAT	CACCAGAGCCATCAACATTCC

EF1- α , encoding elongation factor 1- α ; *TSB*, tryptophan synthase β -subunit; *HDA*, histone deacetylase-A; *SRT*, sirtuin; *HDT*, histone deacetylase; *HAC*, histone acetyltransfer of the CBP family; *HAG*, histone acetyltransferase of the GNAT family.