

Supplementary Materials

Table S1. Sequences of primer pairs were used in this study.

Primer Name	Forward (5' to 3')	Reserves (5' to 3')	
<i>SmCAT1</i>	CTCTTACAGTTGCCATCGGACAAGG	GGGTCAAGTGAGCGTTAGCATAGTC	RT-qPCR
<i>SmCAT2</i>	TCTCAGACTCTTGGAGCCCATTAGG	CTGCCAGGGTGAAAGGGAACATC	RT-qPCR
<i>SmCAT3</i>	AGGTCACTGGTGGTCCGACTATTG	CATCTGGTAACCGCCCTTCCTTTG	RT-qPCR
<i>SmCAT4</i>	GCTTGCTGGAGTTGTTGCTGTTG	CGCCCTTCTTCTGGTGAGTTTGATG	RT-qPCR
<i>SmActin</i>	CACTTAGCACCTTCCAGCAGATGT	GTACAACAGCAGACCTGAGTTCCT	RT-qPCR
<i>SmTAS14</i>	GGACAGCAGGAAGGTGGATA	TCATTCCAGGGATCTTGTCC	RT-qPCR
<i>SmDHN1</i>	CAACTCATGCTGCACAAACA	CAATTCATGCCAGGGATCTT	RT-qPCR
<i>SmCAT1</i> -pBinGFP2	CTGTACAAGGGTACCCCCGGGATG	AGAGGATCCGTCGACCCCCGGGT	Subcellular localization
<i>SmCAT2</i> -pBinGFP2	GATCTCTCTAAGTATCGCCCT	CACATTGTAGGCTTGACAGTGAGA	Subcellular localization
<i>SmCAT3</i> -pBinGFP2	CTGTACAAGGGTACCCCCGGGATG	AGAGGATCCGTCGACCCCCGGGTCAT	Subcellular localization
<i>SmCAT4</i> -pBinGFP2	GATCCTTACAAGTATCGCCC	ATTGTTGGTCTCACATTAAGC	Subcellular localization
<i>SmCAT4-GST</i>	CTGTACAAGGGTACCCCCGGGATG	AGAGGATCCGTCGACCCCCGGGTCAC	Prokaryotic expression
<i>SmCAT4</i> -VIGS	GAGTATCGCCCTTCAAGC	TTATAGCAGGCTTCATAGTGA	VIGS
	GGGGACAAGTTTGTACAAAAAAGCA	GGGGACCACTTTGTACAAGAAAGCTGG	
	GGCTTCAGATGAGAATGGTTGGAATG	GTCGTTTCAAGATCAAAGCTAAA	