

Table S1 Primers used in this study

Purpose	Primer	Sequence (5' to 3')
<i>sad-4^Δ::hph</i> confirmation	NCU01591-294825F	TGGCATGAGACTGGCATCTGAG
	NCU01591-299764R	GCAGAAGCGGAAGACATGTCAAG
<i>sad-5^Δ::hph</i> confirmation	NCU06147-438124F	GACCATGGCCACGACTACAGCTAC
	NCU06147-442142R	ATATGAGACCTGCGCGCTAGCCAAC
<i>rfp-sad-4</i> construction	NCU01591-296360F*NotI	GTCTAGCGGCCGCGATCATATCAAG
	NCU01591-298299R*SpeI	CCAGACTAGTCTTCGAATACTAAAATG
<i>gfp-sad-5</i> construction	NCU06147-E	TCTGCGGAACAATATGAACAACCTG
	NCU06147-F	AGGACAACCCTCCACTCGCAAAG
	NCU06147-G	AGGCTCGAACTCCCGACCTCA
	NCU06147-H	CCGCTTACGGGCTGCGTTGAC
	NCU06147-NGFP1	GCAGCCTGAATGGCGAATGGACGCGCAGCTGAGACGAGGTGCCGAAAG
	NCU06147-NGFP2	CAGGAGCGGGTGCGGGTCTGGAGCGATGAGTCCCAAAAAGGCCGAGCCTGAC
<i>sad-1</i> cDNA amplification	SAD1-4489F	ATGCTCATCTGGCGACAGCAGATG
	SAD1-4796R	TTCTCTTTCATGTCTGAATGTTTCCC
<i>sad-4</i> cDNA amplification	NCU01591-296801F	CTGGTGTAGCCGTTGTGGTTCG
	NCU01591-298048R	GCGTCGAAGGCAGGAACCTTGAT
<i>sad-5</i> cDNA amplification	NCU06147-F2-TH	CGCTTTCGTTTACGGTGGAAC
	NCU06147-R2-TH	GGCCAGATGCGATCCTTTGTCT
<i>actin</i> cDNA amplification	ACT-507F	CGTTGGTCGTCCCGTTATCATG
	ACT-811R	TGGGAGCCTCGGTAAGAAGGACG