

Table S1. Oligonucleotides used in this study.

Name	Sequence (5'→3') ^a	Purpose
oligo 256	TTCCAAGCAGAGCTTGTCAC	5' <i>brlA</i> for qRT-PCR
oligo 257	CCAGGTTCCTTTGCACTTGAA	3' <i>brlA</i> for qRT-PCR
oligo 303	GCTACCACTCTGCATCCTCA	5' <i>abaA</i> for qRT-PCR
oligo 304	TACGAGCTCCAGCATGATTC	3' <i>abaA</i> for qRT-PCR
oligo 305	ACGGCAGGAAGTTGTCTTCT	5' <i>wetA</i> for qRT-PCR
oligo 306	CTGTCAGCGACTTGTTGGAT	3' <i>wetA</i> for qRT-PCR
oligo 346	CCATGTGTGTCGAGTCCTTC	5' <i>efl</i> for qRT-PCR normalization
oligo 347	GAACGTACAGCAACAGTCTGG	3' <i>efl</i> for qRT-PCR normalization
oligo 430	TTCCAAATGTGGCAAGTGAT	5' <i>acyA</i> for qRT-PCR
oligo 431	GCAAACGTGGAATCAATACG	3' <i>acyA</i> for qRT-PCR
oligo 434	CCACCACCTACAACAACAGC	5' <i>pkaCl</i> for qRT-PCR
oligo 435	TGTGAAGACGCATGATGAGA	3' <i>pkaCl</i> for qRT-PCR
oligo 1260	TAGCGGAAATGCCAACGGAGGATA	5' <i>chsB</i> for qRT-PCR
oligo 1261	GAGAAGCAGGGCGCGATGAATACT	3' <i>chsB</i> for qRT-PCR
oligo 1262	ATCGCTGCATTCTGGGTCTGTCG	5' <i>chsE</i> for qRT-PCR
oligo 1263	CGCGCAAGCTCATCGGCATTTT	3' <i>chsE</i> for qRT-PCR
oligo 1493	CGCATCGAGCTGACGATATG	5' flanking region of <i>sas3</i>
oligo 1494	CTGATCTACCCCTTGGAACGCAGCATCGCCGTAGTCGCCAGTTT	3' <i>sas3</i> with <i>AnpyrG</i> tail

oligo 1495	<i>TTTGTAGGCTTTGGGCTG TTCACAAGACAACCAGATAGGAAACGG</i>	5' <i>sas3</i> with <i>AnpyrG</i> tail
oligo 1496	CTATGTACGGTGTGACCTTAG	3' flanking region of <i>sas3</i>
oligo 1497	ACCTTCCATGGGTTGCTGAC	5' nested of <i>sas3</i>
oligo 1498	ATGTATACTCTGCACTGCCC	3' nested of <i>sas3</i>
oligo 1667	GTGCGCGCTATCCAAACAAT	5' <i>gfaA</i> for qRT-PCR
oligo 1668	ACGACTGACTCGGGTTGTTC	3' <i>gfaA</i> for qRT-PCR
oligo 1697	<i>TAGTTCTGTTACCGAGCCGCGCCGTTTCCTATCTGGTTGTC</i>	5' <i>sas3</i> with <i>hygB</i> tail for C'
oligo 1698	<i>GCTCTGAACGATATGCTCCAACAGGGCAAAGCACGAACGGTA</i>	3' <i>sas3</i> with <i>hygB</i> tail for C'
oligo 1699	ACTCCCTCCACTCCTGTTGT	5' <i>ire1</i> for qRT-PCR
oligo 1700	CGCCTTCTTGTTGCTCTTCG	3' <i>ire1</i> for qRT-PCR
oligo 1701	CGGACTCGAAGGACCTGGAA	5' <i>hacA</i> for qRT-PCR
oligo 1702	TAGGCGGTGGAAGTCATCGT	3' <i>hacA</i> for qRT-PCR
oligo 1703	CCCGTGCAAGTCTCACCAAA	5' <i>musN</i> for qRT-PCR
oligo 1704	TTGCTGATTGCACAGGCGAT	3' <i>musN</i> for qRT-PCR
oligo 1705	GTCCCTCTTGCTCTACCGT	5' <i>uve1</i> for qRT-PCR
oligo 1706	TCTTCGGTCGAAGCCACTCT	3' <i>uve1</i> for qRT-PCR

^a Tail sequence is in italic.