Figure S1

A

BstYI
GAT CC C AAT TT T CCT CAAT TT GT AGT CGACAAT GGCACCT CT T CCAGCACCAT ACT CAGGAACCA
GCACT CT T GCT CT GGT GGCGCGCGCAT CAGCAT T T ACCT T T GGACT CGCT T AT GGAAGC G **T TAA**
MseI

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SlAucsia-1    ATCGGCCGAATTGAGGCGTGTGCGCACATTTGGTTGCAGCTTCCCCGATTCTCGTCATCA
SlAucsia-2    ------------------------------------------------------------


SlAucsia-1    CAAAACTGATATTGACGGGCTGAGTGTTTGTGAATTCTAGGGCTTGTAAAGGAGATCTAG
SlAucsia-2    ------------------------------------------------------------


SlAucsia-1    CAGCTTCTTTCTCAGATCCCAATTTTCCTCAATT-TGTAGTCGACAATGGCACCTCTTCC
SlAucsia-2    -----------AGAGATCTTGAAGCTCTCTGCTTGTGAAGTCAACAATGGCACCTCTTCC
                        *****   *    **     ** ** **** ***************

SlAucsia-1    AGCACCATACTCAGGAACCAGCACTCTTGCTCTGGTGGCGCGCGCATCAGCATTTACCTT
SlAucsia-2    TGGACCTTACTCTGGAACCAGCACCCTTGCTCTGGTGGCTCGTACTTCAGCCTTCACATT
               * *** ***** *********** ** ************** **  * ***** ** ** **

SlAucsia-1    TGGACTCGCTTATGGAAGCGTTAAGCTCAAGTATCTCAAGGCAAAGGCCAAGTCTCAAAA
SlAucsia-2    TGGACTTGTCTATGGTAGCATGAAGCTCAAGTATCTCAAGGCTAAAGCCAAGTCTCACCA
              ******  *    ***** *** ******************** ** *********** *

SlAucsia-1    GAAGGCTGAAGCTAAGGCACGTCACTGAAAGATATCT-CATGGTGGATTTGCTCTTTGCT
SlAucsia-2    GAAAGCTGAAGCTAAGGCACATCACTGAAAGAGAGCAGTATGCCGCATTTGCTGTCTGTT
              *** ***************** ***********  * *    ***  * * ******* * ** *

SlAucsia-1    GATAGAATAAGATGTGGCTGATTAAACTGTATCGCGTTTCACCTGATGCTTATAG--GAT
SlAucsia-2    AA--AAATAATATATGAC-AATCACATTATATCAGTTTTCATTATGGCCCTGTTGCTGAC
                *    ***** ** ** *   ** * * **** *****          * * * *   **

SlAucsia-1    AATTAGATTCTGACTTGTAGCTGTTCAATATTTTGGT----AGTTTTGTGGT-TTTTATG
SlAucsia-2    CATCAT-TTTCGACTTGTAACTGTTCAATTTTGTGTTCACGAGTTATTAAATGTTTTATG
                 ** *   **  ******* ********* **  ** ** *      **** *  * *******

SlAucsia-1    GTTCAGTGGGGTTCTCCACGATCAAATATTATTATATTTATAGTACAAGCCCTCTCA---
SlAucsia-2    GTCCAATGAGTACAATGGTGGTCCAATTTTGAGGATTATATTGGACAAACCGGGGAAAAG
              ** ** ** *         *  ** *** **     * *** * **** ** **         *

SlAucsia-1    TTAAAATTCAA--ACAACTATGGT-----------------
SlAucsia-2    TTAGCATTGATCTGCTAGCATAATAATCTTCTTGTTACATCA
              ***   *** *      * *   ** *
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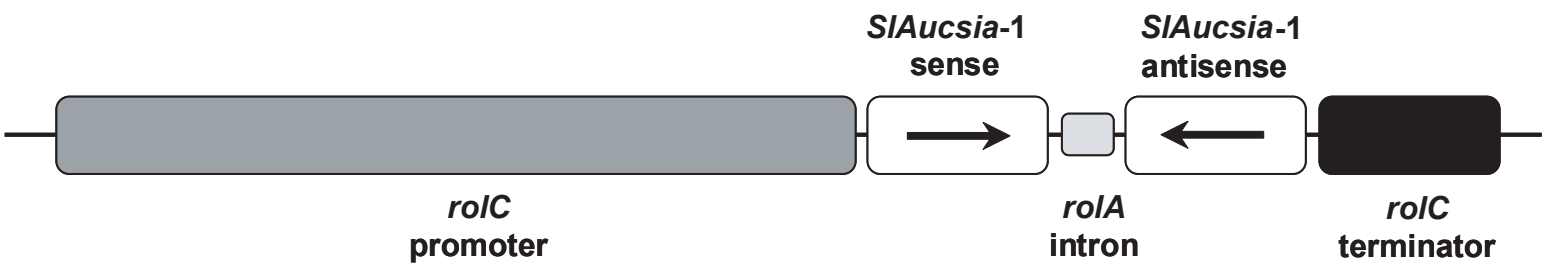
B

Figure S1. Sequence of cDNA-AFLP clone, *SlAucsia*-1 and *SlAucsia*-2 transcripts and schematic drawing of rolC-hpAucsia construct. A, (Upper) Sequence of differentially-expressed cDNA fragment. Restriction sites are underlined and selective nucleotides used in the primer combination are indicated in green (BstYC-MseC). (Bottom) Alignment of *SlAucsia*-1 (AK224828) and *SlAucsia*-2 (AK224647) transcripts. The boxed region is the sequence used to design the sense and antisense arms of rolC-hpAucsia construct. DNA fragments corresponding to the sequences shown in red, blue and magenta were used to produce the three RNA probes for siRNA analysis. B, Schematic drawing of rolC-hpAucsia construct.