

**Table S1** Alignment of homologous genes selected from the transcriptome data

Gene	Number	Identity
<i>ACS4</i>	5	97.88%
<i>ACO1</i>	4	97.12%
<i>ERS</i>	5	91.79%
<i>ETR1</i>	3	98.53%
<i>ETR2</i>	3	97.53%
<i>EIN4</i>	4	72.72%
<i>CTR1</i>	6	56.11%
<i>EIN3/EIL1</i>	11	76.75%
<i>ERF1a</i>	4	89.84%
<i>ERF12</i>	3	99.29%