

**Table S1.** Information of the targeted genes used for Figures 1A, Figure 2B-C and Additional file 2: Figure S2.

<b>ID_REF</b>	<b>7942_ID</b>	<b>6301_ID</b>	<b>SYMBOL</b>	<b>DESCRIPTION</b>
syc0089-m_at	Synpcc7942_1630	syc0089_d	<i>petJ</i>	cytochrome c553
syc0335-m_at m_at	0336- Synpcc7942_1217/1216	syc0333_d/0334_d	<i>kaiB/kaiC</i> operon	circadian clock protein KaiB/KaiC
syc0754-m_at	Synpcc7942_0790	syc0747_d	<i>rbp3</i>	RRM-type RNA-binding protein
syc0646-m_at	Synpcc7942_0900	syc0640_d	<i>gjfA</i>	glutamine synthetase inactivating factor
syc1717-m_at	Synpcc7942_2401	syc1704_d	<i>hspA</i>	16.6 kDa small heat shock protein molecular chaperon
syc1272-m_at	Synpcc7942_0253	syc1260_d	-	hypothetical protein