

Table S1: Gene expression of the photosynthesis reaction center, phycobilisome, cytochrome *b6f*, and electron carrier proteins with more than 2-fold changes at either 0.5 M or 1 M NaCl, except for the genes shown in Table 5.

Gene	Accession No.	Function	Induction factor	
			0.5 M NaCl	1 M NaCl
<i>psaC</i>	A1589	PSI iron-sulfur center subunit VII	-2.3 (± 0.4)	-1.1 (± 0.0)
<i>psaD</i>	A0682	PSI subunit II	-2.6 (± 0.3)	-1.7 (± 0.4)
<i>psaE</i>	A1393	PSI reaction center subunit IV	-3.1 (± 0.7)	-4.5 (± 0.3)
<i>psaF</i>	A1008	PSI reaction center subunit III	-3.4 (± 0.5)	-4.6 (± 2.6)
<i>psaK</i>	A2401	PSI reaction center subunit X	-3.0 (± 0.2)	-2.3 (± 0.2)
<i>psaL</i>	A2620	PSI reaction center subunit XI	-2.3 (± 0.1)	-1.9 (± 0.1)
<i>ycf3</i>	A1566	PSI assembly protein	-2.6 (± 0.7)	-4.4 (± 0.5)
<i>ycf4</i>	A0229	PSI assembly protein	-2.3 (± 0.3)	-2.2 (± 0.1)
<i>psbB</i>	A1759	PSII 47 kDa protein	-3.3 (± 0.3)	-1.9 (± 0.3)
<i>psbC</i>	A1559	PSII 44 kDa protein	-2.4 (± 0.3)	-2.3 (± 0.1)
<i>psbD</i>	A1560	PSII subunit D2	-1.9 (± 0.1)	-2.1 (± 0.1)
<i>psbH</i>	A0808	PSII subunit H	-3.1 (± 0.1)	-3.1 (± 0.3)
<i>psbO</i>	A0269	PSII manganese-stabilizing protein	-3.8 (± 0.2)	-3.4 (± 0.5)
<i>psbU</i>	A0322	PSII 12 kDa protein	-4.7 (± 0.5)	-2.7 (± 0.4)
<i>psbW</i>	A1258	PSII 13 kDa protein	-1.2 (± 0.1)	-2.4 (± 0.2)
<i>psbZ</i>	A2533	PSII subunit Z	-2.4 (± 0.5)	-4.4 (± 0.8)
<i>apcC</i>	A1928	APC-associated PBS 7.8 kDa core-linker polypeptide	-4.2 (± 0.0)	-3.5 (± 0.2)
<i>apcF</i>	A1631	APC subunit beta-18	-3.6 (± 0.3)	-1.9 (± 0.3)
<i>cpcC</i>	A2211	PC-associated rod linker protein	-4.6 (± 0.4)	-1.6 (± 0.5)
<i>cpcD</i>	A2212	PC-associated rod terminated linker protein	-3.9 (± 0.8)	-1.1 (± 0.1)
<i>cpcG</i>	A0639	PBS rod-core linker polypeptide	-4.3 (± 0.5)	-2.5 (± 0.5)
<i>petD</i>	A0841	Cytochrome <i>b6/f</i> subunit IV	-2.2 (± 0.2)	-4.4 (± 0.7)

<i>petC</i>	A1909	Cytochrome <i>b₆/f</i> iron-sulfur subunit	− 3.6 (± 0.6)	− 7.3 (± 1.6)
<i>petF</i>	A2192	Ferredoxin 2Fe-2S	− 1.4 (± 0.2)	− 2.8 (± 0.3)
<i>petF</i>	A2326	Ferredoxin I (2Fe-2S)	− 1.8 (± 0.3)	− 2.9 (± 0.4)
<i>petH</i>	A0853	Ferredoxin-NADP reductase	− 2.9 (± 0.5)	− 4.5 (± 0.4)
<i>petJ</i>	A0167	Cytochrome <i>c₆</i>	− 2.3 (± 0.2)	− 2.2 (± 0.1)
<i>atpC</i>	A0750	ATP synthase F1, epsilon subunit	− 3.7 (± 0.2)	− 4.5 (± 0.5)
<i>atpD</i>	A0749	ATP synthase beta chain	− 2.5 (± 0.3)	− 2.9 (± 0.7)
<i>atpE</i>	A0738	ATP synthase C chain	− 4.0 (± 0.1)	− 5.9 (± 0.5)
<i>atpF</i>	A0736	ATP synthase B chain	− 4.2 (± 0.5)	− 4.8 (± 0.6)
<i>atpG</i>	A0737	ATP synthase B chain	− 3.6 (± 0.3)	− 4.8 (± 0.4)
<i>atpG</i>	A0733	ATP synthase F1, gamma subunit	− 3.6 (± 0.6)	− 3.9 (± 0.3)
<i>atpH</i>	A0735	ATP synthase F1, delta subunit	− 4.3 (± 0.4)	− 3.9 (± 0.2)

Each value indicates the ratio of the level expression in stressed cells to that in control cells. Values shown are means (±SD) of results of three independent experiments.