

SUPPLEMENTARY DATA

Table S1. Primers used for real-time PCR study (Vishwakarma *et al.*, 2014).

Gene name	Accession no.	Primer sequence (5' > 3')	Amplicon length (bp)
<i>UBQ5</i>	AT3G62250	F CCAAGCCGAAGAAGATCAAG	149
		R ATGACTCGCCATGAAAGTCC	
<i>CSD1</i>	AT1G08830	F TGAACTCAGCCTGGCTACTGG	164
		R AGCCACACACCAGAAGATACACAC	
<i>CAT1</i>	AT1G20630	F TGGGATTCAGACAGGCAAGAACG	162
		R GTTTGGCCTCACGTTAAGACGAGT	
<i>sAPX</i>	AT4G08390	F CCTCCGGAGGGTATCGTTATCTA	162
		R ACAGCCAGAAACATTGTCCAAAAGG	
<i>ChlMDH</i>	AT5G58330	F ACCTCACTGGAGAGGGCATTG	135
		R AATGTGGCTGTGCTCTGTACAGC	
<i>MMDH1</i>	AT1G53240	F TTGCCTCGAAGGTGAGGTTGG	204
		R GAGGTGGCAACTCTAGCTGGA	
<i>ICDH</i>	AT1G54340	F TGATCCACGGAGCCAAGGTTAG	221
		R CATGCAATAGCCCCTTTTCAGGCT	
<i>COX15</i>	AT5G56090	F AGTGGTTTAGAGGGCCACCG	146
		R TCAGCTGGTGGTTCAGGCAT	
<i>AOX1a</i>	AT3G22370	F CTTCAGAGGAGATATGGATGTCGA	165
		R TGCATTCTCTCATTCTCTGCTTCCTC	
<i>PFK4</i>	AT5G61580	F GAGCAATACCGAGTAACGCATCAG	156
		R TTGTCACTTCCGTCACCTGAG	

Figure S1. Measurement of total content of ATP (A), ADP (B) and their corresponding ratio (C) in WT (black bars) and *aox1a* (grey bars) from control (Tween-20) and treated (20 μM AA in Tween-20) leaf discs pre-illuminated (6 h) at a PPFD of 50 $\mu\text{moles m}^{-2} \text{s}^{-1}$ at 25 $^{\circ}\text{C}$.

