

Fig. S1 Phenotypic difference depending on light intensity in Arabidopsis wild type, *snat1*, and OE at 4 weeks after planting.



Supplemental Table 1. Sequences of primers in quantitative real-time RT-PCR

Gene	Forward (5'-3')	Reverse (5'-3')
GST1	GGACTCACCAAGCCTGTGTT	TGAATCGCATGAGTTTGACC
GST6	CCCAGCCATCCATTACTTGT	TCGTTTATTTGGGCAAAAGG
GSTF9	CTCACCTCCCGTTCCTGAT	CACGAGGGTGGCAACATTACA
APX1	GTGTGTGTCTCCCCGAGAGT	CGAAGCAGCAAAAGCGCAAC
CpHSP70.1	GGAAGTGGATCAACCCAAGA	GCATCGATCACATCATCACC
CpHSP70.2	TTCGTCTTCTTCCTCCTCCA	GTATCGGGAAGCGTTGTTGT
ClpR1	CAATCCCTAATTTGCGCTCA	TGGAACAGACAGCTTCATGG
ClpR4	TCAGCGATTATCCCGTCTTC	CGTTTAGGCTTGGAAGTGG
ClpP1	TTCGAAGTCCTGGAGAAGGA	TTACCCATCCACCAGGAGAG
Lhcb1.1	AGCCATCGTCACTGGTAAGG	CCATCCACCACAAACACAAA
Lhcb1.3	ACTTTGTTCCCGGAAAGTGA	TCTCCGAAGGACATAAAACGA
Lhcb1.4	GGCATTGACGATATCACGAG	GTGAGAGTGTGGCGCAAGTA
Lhcb4.1	CACTCCACACCACCATCATC	TCATGGGCCAAACATGTAAA
RBCL	GTGTTGGGTTCAAAGCTGGT	CATCGGTCCACACAGTTGTC
RBCS1A	CACAAAGAGTAAAGAAGAACA ATGGC	AGATGGGGGATAAAGTTTTGA GG
RBCS3B	CACCAGTAGGAAAACAAGTCA GTAAG	CAGACACAGACAATAGGAAAT GAAATGAGCAGAG
sAPX	CGTTATCTAATGGGGGCACA	GAAAGCCCCAAAACCATGAAA
tAPX	GGAAGCCCAGATAAGCCATT	TGATGTTTTTGTGTTGCAAGG
Hsp90c	CAAAAGCGGAGAAACAGAGG	TCATTAGGCCCATGATACTGC
ARC2 (cpn60)	CACTCAGGCCATTGTTGTTG	TTGCAGATAAATGGGGATGA
DWF4	CAAAGCCATTAGAAAGAGAAA GTGA	CAAATTTTTTATATATCATTGG GCAA
BZR1	GAAGTTTCGAGGGGTTGGTT	CGCAGCTACAGCTCTTCTCC
CDC2b	CCCATATTTTGACAGCCTTGA	CATCTCATTGCTACCACACCA
KS	CCAAGTTGATCTGGCAGGTA	TTGTCTCCTAAAATCAATTTT CCTC
IAA1	TGGACGGAGCTCCATATCTC	ATCACCGACCAACATCCAAT
EXP1	GAGTGCTTGATTTTGACGA	CGCTTCGAGAAGGGATACAA
SEX1	TGTACGTTACGTTTTCTGTCCA	CATATCGCTCGACCAGTGAA
PGM1	AAACCGAGGAGGAGGAAAAA	CGTGTAGGTCGACGTCATTG
EF-1a	TGGTGACGCTGGTATGGTTA	CATCATTTGGCACCCCTTCTT