

Table S1. DNA sequences of PCR primers were used for qPCR determination of the seven ASA-GSH biosynthesis-related and sulfur metabolism genes in Pakchoi seedlings.

Genes	Accession no.	Primer pairs
<i>APX</i>	AB901369.1	F: TCCCTTCGGAACAATGAG R: ACAGCCACAACACCAGCA
<i>GR</i>	AF008441.2	F: ATTCACGCACTAACATACCT R: TCTTCGCTGAGACCCAC
<i>DHAR</i>	AB125638.1	F: TTTCAGCAGCAGACTTATCCT R: CAACCAGCAATCACATCCT
<i>MDHAR</i>	AF109695.1	F: TTTCAGCAGCAGACTTATCCT R: CAACCAGCAATCACATCCT
<i>GST</i>	JX110775.1	F: TCGCTCTCCACGAGAAAGAT R: CAGGCGAGAGAAGTTGGTTC
<i>ATPS</i>	U68218.1	F: TCGGAGGGTTCATGAGAGAG R: GATCTTCCTTGGGATGCTTG
<i>γ-ECS</i>	X95563.1	F: GTTTCGTGCTGGTCTTGC R: GCGGTCCTTGTCTAGTGTCT
<i>Actin</i>	KU851921	F: GAGACTTTCAATGCCCCTGC R: CCATCTCCAGAGTCGAGCACA