

Quantitative trait loci controlling amino acid contents in wheat (*Triticum aestivum* L.)

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Supplementary Table 1 Primer pairs used in this study

Gene	Sense primer (5'-3')	Antisense primer (5'-3')
<i>OsMSR2</i>	CGACAATGGTTGTTGCATCAG	TCGTCTTCATGCACAGCC
<i>OsCatA</i>	GGATGACACCAAGACATG	TCACGTTGAGCCTATTCG
<i>OsDREB2A</i>	GGTAAGTGGGTGGCTGAG	TCTCCGCTCCTGACAAA
<i>OsP5CS2</i>	TCCATC TTGGCATCTCTCAG	GTACCCGCATCAGGCATCTG
<i>pOsMSR2</i>	CATGACCTTATCTTTGTATTGCGTA	CCATGGATTCTGCTTGCCTTCTTTGC
<i>OsActin</i>	GATGACCCAGATCATGTTTG	GATGACCCAGATCATGTTTG
<i>18s</i>	CGTCCCTGCCCTTTGTACAC	CGAACACTTCACCGGATCATT



Fig S1 The construct of the pCOsAc::*OsMSR2* vector

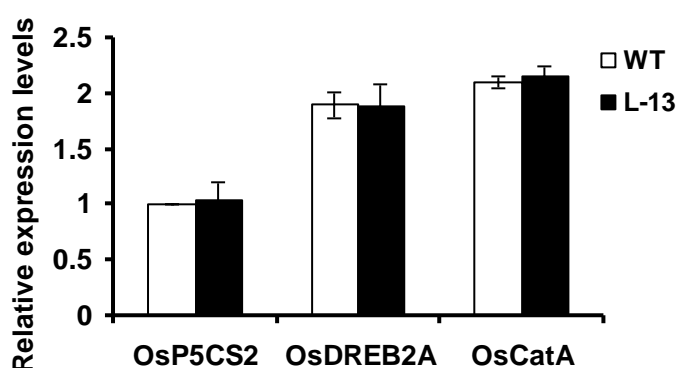


Fig S2 Relative expression levels of salt-related genes under normal condition. Three-week-old wild type and transgenic seedlings were watered with water for 5 h. Total RNAs were extracted from wild type (WT) and transgenic line 13 (L-13), and qRT-PCR analyses were performed.