



Supplementary Figure S1. *CSLD1:OX* lines are sensitive to Methylammonium (MeA). (a) Wild-type, *csld1* and *CSLD1:OX* seedlings grown in MeA free and 2.5 mM MeA treated seminal root lengths. (b) WT, *csld1* and *CSLD1:OX* seminal root lengths in 0 to 5 mM MeA. (c) Relative lengths of MeA treated seminal roots compared to non-treated root lengths. Scale bars = 1cm. line graph show mean values \pm standard error of means ($n=10$).

Supplementary Table S1. Primers list used for qRT-PCR to quantify transcripts of *AMT1s*, and *OsCSLDs* transcript levels.

Primer	Sequence
<i>UBQ1_F</i>	AACCAGCTGAGGCCCAAGA
<i>UBQ1_R</i>	ACGATTGATTTAACCAGTCCATGA
<i>AMT1:1_F</i>	AGTACGTCGAGGAGATCTAC
<i>AMT1:1_R</i>	ACGTCGTTTCGTTCTGGATTG
<i>AMT1:2_F</i>	TAGACATGGCCTCCCATCTC
<i>AMT1:2_R</i>	TAAGCATGATGTTTCATGGTG
<i>AMT1:3_F</i>	AGGAGTACGTCGAGCTGATC
<i>AMT1:3_R</i>	CTTGCTCCGGCGACTTTCTG
<i>OsCSLD1_F</i>	GGAGCTAGGTGTTTCGATCATG
<i>OsCSLD1_R</i>	AGTAGCTGATGAATCGCCCCGAG
<i>OsCSLD2_F</i>	GATCAGAAAGTGAGGCGATCG
<i>OsCSLD2_R</i>	GAGTAGGACATGCGCGAGAG
<i>OsCSLD3_F</i>	ATGCACGAGCACGAGAGATC
<i>OsCSLD3_R</i>	AGCGTCTGCTTCTTGCAGAG
<i>OsCSLD4_F</i>	GCTCACATGAAGGAGTGCTTG
<i>OsCSLD4_R</i>	CAAACAATCGCTTAATCACACC