



Supplementary Figure 1 Gene expression of *NRT1.5* and *NRT1.8* in roots under normal culture and Cd treatment. (a) Gene expression of *NRT1.5*. (b) Gene expression of *NRT1.8*. After 28 days of normal culture, 20  $\mu$ M Cd was treated for three days. Data represent means  $\pm$  SE (n=4). Bars with the same letter indicate no significant difference at P<0.05 level by the method of LSD.

**Supplemental Table 1 Gene-specific primers used for qRT-PCR assays in this study**

Gene name	Forward (5' $\rightarrow$ 3')	Reverse (5' $\rightarrow$ 3')
<i>AtNRT1.5</i>	TGGAGCGTTTCTCAGCGATT	TCCATCATGGAATGTGAACCAC
<i>AtNRT1.8</i>	TCTTCATCTTCGCATACAGGCGGT	GCCATTATCGCAATCACAAGCCCA
<i>SAND</i>	GATGAGGATGATGCTTCTACG	CCTGAGCGTTGTATCTTGGT
<i>BnNRT1.5</i>	GATGAAGTCACGCCTTGCG	GCAATGTTCGGTTGGTAACCC
<i>BnNRT1.8</i>	GGGTATGGTGGTTATCAGCCC	CGAAAGGAGCGATCCGAGG
<i>BnACT7</i>	GCTGACCGTATGAGCAAAG	AAGATGGATGGACCCGAC
<i>BnEF1<math>\alpha</math></i>	GCCTGGTATGGTTGTGACCT	GAAGTTAGCAGCACCCCTTGG
<i>BnGDI1</i>	GAGTCCCTTGCTCGTTTCC	TGGCAGTCTCTCCCTCAGAT