

Additional File 4: Table S3 List of genes up-regulated in Weisuobuzhi and down-regulated in Dong17 after exposing the plants to 5 μ M Cd for 15 d.

Annotation	Probe Set ID	Fold change*		Accession No	E-value
		(Cd vs control)			
		Weisuobuzhi	Dong17		
Protein synthesis					
Asparaginase [<i>H. vulgare</i>]	Contig8740_at	2.39	-2.15	AAG28786.1	2e-71
C13 endopeptidase NP1 precursor [<i>Zea mays</i>]	Contig2783_s_at	2.42	-2.48	AAD04883.1	3e-53
None					
None	HVSMEg0002G01r2_at	20.63	-11.55	none	none
None	HS06A14u_s_at	4.15	-6.15	none	none
None	Contig2279_s_at	2.4	-4.41	none	none
None	Contig2279_at	2.32	-3.38	none	none
None	EBpi03_SQ001_J13_at	2.06	-2.12	none	none

* The fold change represents the mean ratio of gene expression in leaves of the two genotypes exposed to 5 μ M Cd for 15 d over those in the control. Genes were considered up-regulated and down-regulated if the induction ratio was >2.0 and <-2.0, respectively.