

Table S1. FPKM values of *AhMDHs* in peanut roots and leaves under manganese toxicity stress treatment derived from RNA sequencing

Gene ID	Log10 (FPKM)			
	Leaves-300	Roots-300	Leaves-CK	Roots-CK
AhMDH1	1.84	1.53	1.74	1.54
AhMDH2	0.28	1.22	-0.53	0.92
AhMDH3	1.88	0.87	1.97	0.98
AhMDH4	2.12	1.03	2.24	1.12
AhMDH5	1.84	1.28	1.93	1.17
AhMDH6	2.15	1.44	2.28	1.47
AhMDH7	1.77	1.24	1.83	1.21
AhMDH8	1.13	1.07	0.99	1.05
AhMDH9	1.96	1.14	2.04	1.09
AhMDH10	1.43	1.37	1.27	1.39
AhMDH11	0	0.35	0	0.34
AhMDH12	0	0.37	0	0.42
AhMDH13	1.02	1.46	0.83	1.22
AhMDH14	1.66	1.36	1.47	1.39
AhMDH15	0.66	0.69	0.7	0.6

Notes: 300: 300 μ M Mn; CK: 10 μ M Mn.