

	WT SuffZn Shoot	ZNT1 SuffZn Shoot	WT ExcessZn Shoot	ZNT1 ExcessZn Shoot	WT Cd Shoot	ZNT1 Cd Shoot	WT SuffZn Root	ZNT1 SuffZn Root	WT ExcessZn Root	ZNT1 ExcessZn Root	WT Cd Root	ZNT1 Cd Root
AtBHLH100	a 1.0 ± 0.1	a 0.8 ± 0.3	f 2760 ± 362	c 698 ± 78	h 13046 ± 595	i 16240 ± 1919	b 5.5 ± 0.7	b 4.4 ± 1.7	g 5377 ± 760	g 4274 ± 625	d 1127 ± 66	e 1685 ± 222
AtIRT1	ab 1.0 ± 0.2	a 0.5 ± 0.3	b 3.0 ± 0.5	a 0.4 ± 0.0	c 5.9 ± 1.5	c 6.2 ± 0.7	e 1286 ± 91	d 175 ± 44	h 81904 ± 15916	g 11084 ± 1771	g 11651 ± 2095	f 2389 ± 86
AtIRT2	a 1.0 ± 0.2	a 1.0 ± 0.3	a 1.3 ± 0.1	c 4.2 ± 0.1	a 1.3 ± 0.0	b 2.3 ± 0.1	d 18 ± 2.2	d 23 ± 6.4	g 3661 ± 494	f 1082 ± 131	e 597 ± 121	ef 850 ± 52
AtFRO2	a 1.0 ± 0.1	a 0.8 ± 0.3	a 1.5 ± 0.2	a 1.0 ± 0.3	b 5.7 ± 0.1	c 8.2 ± 0.9	e 123 ± 8.2	d 47 ± 7.5	g 6018 ± 665	f 2650 ± 605	e 129 ± 5.7	e 141 ± 4.9
AtHMA4	a 1.0 ± 0.1	a 0.8 ± 0.0	a 0.7 ± 0.1	a 0.7 ± 0.2	a 0.6 ± 0.1	a 0.7 ± 0.0	c 9.5 ± 0.9	d 14 ± 1.1	c 10 ± 0.6	b 6.4 ± 0.5	b 7.8 ± 1.0	b 6.9 ± 0.5
AtHMA3	a 1.0 ± 0.1	a 1.1 ± 0.6	b 2.0 ± 0.1	ab 1.6 ± 0.6	a 1.6 ± 0.1	a 0.7 ± 0.1	c 207 ± 2.0	e 412 ± 32	f 792 ± 114	d 295 ± 8.7	d 284 ± 37	d 271 \pm 2.3
AtFRD3	a 1.0 ± 0.2	a 2.0 ± 1.1	a 1.6 ± 0.1	a 1.5 ± 0.1	b 6.2 ± 0.6	b 5.0 ± 0.3	g 671 ± 60	e 379 ± 66	f 598 ± 4.1	d 159 ± 28	cd 114 ± 23	c 86 ± 7.6
AtMTP1	c 1.0 ± 0.1	ab 0.5 ± 0.1	a 0.4 ± 0.0	bc 0.7 ± 0.1	ab 0.5 ± 0.0	c 1.1 ± 0.1	e 2.2 ± 0.3	e 2.6 ± 0.4	c 1.2 ± 0.1	d 1.7 ± 0.1	bc 0.8 ± 0.1	c 1.3 ± 0.2
AtNRAMP3	a 1.0 ± 0.1	a 0.9 ± 0.0	a 1.0 ± 0.1	a 0.9 ± 0.2	a 0.9 ± 0.1	a 0.8 ± 0.1	b 2.0 ± 0.1	b 2.1 ± 0.2	b 2.0 ± 0.3	c 2.9 ± 0.3	a 1.1 ± 0.1	a 1.0 ± 0.0
AtYSL3	cd 1.0 ± 0.1	cd 1.1 ± 0.0	a 0.3 ± 0.0	ab 0.4 ± 0.1	ab 0.4 ± 0.0	ab 0.5 ± 0.1	cd 1.1 ± 0.1	d 1.2 ± 0.1	a 0.3 ± 0.0	b 0.6 ± 0.0	b 0.6 ± 0.1	bc 0.7 ± 0.0