Supplementary Table 2. Genes differentially expressed in roots of *A. thaliana* 5 h after leaf wounding. Given are AGI number, the ratio of the microarray signal of wounded vs. non-wounded plants calculated from the arithmetic mean of log-transformed values, annotation, short gene name, and functional or regulatory class for selected relevant classes. Microarray expression signals of shown genes changed by > 1.5-fold (increase or decrease) in response to leaf wounding, compared to non-wounded controls (P < 0.05). Plants were transfered into a hydroponic culture solution supplemented with 0.5  $\mu$ M Cd 5 d prior to simulated herbivory on a single leaf. Annotations are underlined for genes differentially expressed in response to wounding when compared to controls in both *A. halleri* and in *A. thaliana*. OPDA: 12-oxo-phytodienoic acid.

			e to wounding when compared to controls in both <i>A. ha.</i>		i manana i e i e i i i e e i e i priyte alenere aera.
AGI	Signal	P			
Number	ratio	value	Annotation	Name	Class
A 10 - 00000	4.00	0.0000	UDP-D-Glucuronate 4-epimerase 6, similar to NAD-	0.450	
At3g23820	1.82	0.0083	dependent epimerase/dehydratase family protein	GAE6	
					Local herbivory response/Cold-, drought- and
At1g19180	1.81	0.0221	unknown protein		UVB-stress response/ Methyl jasmonate response
At2g43680	1.80		calmodulin-binding family protein	IQD14	, , , , , , , , , , , , , , , , , , , ,
At4g11320	1.78		cysteine proteinase similar to RD21A		Local herbivory response
At3g22440	1.73	0.0038	hydroxyproline-rich glycoprotein family protein		
A14 - 40570	4.70	0.0040	debudue essable to reductions d	DHAR1	Local herbivory response/ Methyl jasmonate
At1g19570	1.73	0.0040	dehydroascorbate reductase 1 peroxidase 47 precursor, putative peroxidase, haem	DHAKT	response
At4g33420	1.72	0.0043	peroxidase 47 precursor, putative peroxidase, maemi	PER47	Methyl jasmonate response
7 11 1900 120	1.7.2	0.0010	calcineurin-like phosphoesterase family protein,	I LIVII	motify jacinoriate response
At3g47810	1.72	0.0167	putative serine/threonine phosphatase	MAG1	
_			SKU5 similar 4, multi-copper oxidase type I family		
At4g22010	1.70		protein	SKS4	
At3g16450	1.69	0.0112	jacalin lectin family protein		
			phoephoepolpyruyoto carboyykinoso 1 leteral	ASL5/	
At2g30130	1.69	0.0057	phosphoenolpyruvate carboxykinase 1, lateral organ boundaries (LOB) domain protein 12 (LBD12)	LBD12	
At1g31730	1.69		putative clathrin-binding epsilon-adaptin	LDD12	
At2g27860	1.69		UDP-D-apiose/UDP-D-xylose synthase 1	AXS1	
At1g52060	1.68		jacalin lectin family protein		
					Local herbivory response/ Cold-, drought- and
					UVB-stress response/ NaCl response/ Methyl
At2g47180	1.65	0.0124	galactinol synthase 1	GOLS1	jasmonate response
A 10 - 00 400	4.04	0.0400	ambinus defective 2004 M/D 40 report formily protein	AMPOON	
At3g63460 At4g14905	1.64 1.64		embryo defective 2221, WD-40 repeat family protein kelch repeat-containing F-box family protein	AMB2221	
A(4914905	1.04	0.0000	nuclear transport factor 2 (NTF2) family protein / RNA		
At5g60980	1.64	0.0046	recognition motif (RRM)-containing protein		
· mogorooc		0.00.0	RNA binding similar to SWAP (Suppressor-of-White-		
At3g49130	1.62	0.0064	Apricot)/surp domain-containing protein		
At3g14860	1.62	0.0035	NHL repeat-containing protein		
			similar to hydroxyproline-rich glycoprotein family		
At5g48385	1.61		protein		N-Ol
At1g29660 At1g18040	1.61 1.61		GDSL-motif lipase/hydrolase family protein cyclin-dependent kinase D1;3	CDKD1;3	NaCl response/ Methyl jasmonate response
At1g75800	1.58		pathogenesis-related thaumatin family protein	CDND1,3	Methyl jasmonate response
At4g32020	1.57		unknown protein		Local herbivory response/ NaCl response
At4g34150	1.57		C2 domain-containing protein		Ecoul Herbitory Toopense, Haci response
At1g23960	1.56		unknown protein		
At3g53100	1.56	0.0018	GDSL-motif lipase/hydrolase family protein		
			Photosystem I light harvesting complex gene 4,		
At3g47470	1.56		chlorophyll a/b binding protein	LHCA4	
At2g43520	1.55	0.0016	trypsin inhibitor protein 2, putative trypsin inhibitor	TI2	Methyl jasmonate response
A+4 =400 40	4.55	0.0004	eukaryotic translation initiation factor 3 subunit H1,	TIEOL 14	
At1g10840	1.55		eIF-3 gamma	TIF3H1	
At4g15910	1.55		drought-induced 21	DI21	
At3g15240	1.54	0.0190	unknown protein		
At4g11070	1.54	0.0180	WRKY DNA-binding protein 41, transcription factor	WRKY41	
, ig i 1070	1.54	5.0100	hydroxyproline-rich glycoprotein family protein, 2-OG-		
At1g14710	1.54	0.0084	Fe(II) oxygenase family protein		
At3g01680	1.53		unknown protein, putative thioredoxin domain		
			Blade on petiole 2, cytoplasmic and nuclear-localized		
			NPR1 like protein with BTB/POZ domain and ankyrin		
At2g41370	1.52	0.0249	repeats	BOP2	
			similar to RNA recognition motif (RRM)-containing		
At1g22335	1.52	0.0147	protein		
A+F=F4770	4.50	0.0040	Thiazole requiring 1, thiamine biosynthesis and	TUI4/ADA	NaCl response
At5g54770	1.52	0.0013	mitochondrial DNA damage tolerance	I HII/ AKA	NaCl response

AGI	Signal	P			
Number	ratio	value	Annotation	Name	Class
At3g48650	1.52		pseudogene, At14a-related protein	INAITIE	Class
A13940030	1.52	0.0037	pseudogene, Arriva-related protein		OPDA response/ NaCl response/ Methyl
At4g01950	1.51	0.0047	glycerol-3-phosphate acyl transferase 3	GPAT3	jasmonate response
At3g18540	1.51		unknown protein		
At5g65790	1.51		myb domain protein 68, transcription factor	MYB68	Methyl jasmonate response
At4g12650	1.50		endomembrane protein 70, putative		
At3g24180	0.67		unknown protein		
At3g13062	0.67		unknown protein	SPP3	
At3g54270 At1g07795	0.67 0.67		sucrose-phosphatase 3 unknown protein	5PP3	
At1g07793 At2g45220	0.67		pectinesterase family protein		
At5q46230	0.67		unknown protein		
At5g02740	0.67		unknown protein, nuleotide binding		NaCl response
ŭ			unknown protein, similar to GTP-binding family		•
At3g21700	0.66	0.0051	protein, similar to Rab-type Ras small GTPase		
At4g29220	0.66		phosphofructokinase family protein		Upregulated under iron deficiency
At3g07780	0.66		unknown protein, zinc binding		
At1g74055	0.66	0.0087	unknown protein		
A+F-F7000	0.00	0.0047	uhimuitin metain linna alasti seessisted BAC	771	NaClarana
At5g57360 At5g13150	0.66		ubiquitin-protein ligase, clock-associated PAS protein	EXO70C1	NaCl response
At5g13150 At5g19700	0.66 0.66		exocyst subunit EXO70 family protein C1  MATE efflux protein-related	EXU/UU1	
Alag 19700	0.00	0.0284	zinc finger (C3HC4-type RING finger) family protein,		
At5g65683	0.66	0 0023	ubiquitin-protein ligase		
At5q50660	0.66		unknown protein		
At3q51990	0.66		protein kinase family protein		
At1g02900	0.66		Rapid Alkalinization Factor (RALF)-like 1 protein	RALFL1	
At3g12870	0.66		unknown protein		
ŭ			•		
At3g51930	0.66	0.0022	WD-40 repeat family protein, transducin family protein unknown protein, similar to steroid hormone receptor/		
At2g40320	0.66	0.0210	transcription factor		
At2g31120	0.66		unknown protein		
At5g40730	0.66	0.0329	arabinogalactan protein 24	AGP24	
At1g27640	0.66	0.0196	unknown protein		
At4g32950	0.66		putative protein phosphatase 2c		
At2g29250	0.66	0.0407	lectin protein kinase, putative		
			organic cation transporter-related, major facilitator		
At1g79410	0.66		superfamily		Methyl jasmonate reponse
At2g36100	0.66		integral membrane family protein		Methyl icomonete recononce
At5g19970	0.66	0.0222	unknown protein Phloem protein 2-A13, F-box family protein, galactose-		Methyl jasmonate response
At3g61060	0.66	0.0123	binding like	PP2-A13	Methyl jasmonate response
AlogoTooo	0.00	0.0123	ammonium transporter 1;1, high-affinity plasma	11 Z-A13	Metryr jasmonate response
At4g13510	0.66	0.0123	membrane ammonium uptake system	AMT1;1	Methyl jasmonate-response
At3g16170	0.66		acyl-activating enzyme 13	AAE13	menty justicinate response
- J			patellin-3, SEC14 cytosolic factor family protein /		
At1g72160	0.66	0.0278	phosphoglyceride transfer family protein	PATL3	
At3g50740	0.66		UDP-glucosyl transferase 72E1	UGT72E1	Upregulated under iron deficiency
At2g17705	0.66		putative protein-methionine-S-oxide reductase		
At5g54585	0.66	0.0326	unknown protein		
		0.000-	putative CTP synthase / putative UTP-ammonia		
At4g20320	0.66	0.0085			N. d. I.
At3g13910	0.65	0.0127	unknown protein harpin-induced protein-related / HIN1-related / harpin-		Methyl jasmonate response
A+4 ~CECOO	0.05	0.0400			ODDA response / Mathed increases
At1g65690 At4g00650	0.65 0.65		responsive protein-related FRIGIDA protein	FRI	OPDA response/ Methyl jasmonate response
A14900650	0.00	0.0020	glutamate receptor 2.3, putative ligand-gated ion	FKI	
At2g24710	0.65	0.0057	channel subunit	GLR2.3	
Atzgz+710	0.00	0.0007	GDP-D-mannose-4,6-dehydratase 2, first step in the	OLIVE.5	
At3g51160	0.65	0.0108	de novo synthesis of GDP-L-fucose	MUR1	
At2g29870	0.65		major intrinsic protein (MIP) family protein		
At3g59840	0.65		unknown protein		NaCl response
At5g37540	0.65		aspartyl protease family protein		
At5g14730	0.65	0.0039	unknown protein		Methyl jasmonate response
At5g65160	0.65		tetratricopeptide repeat (TPR)-containing protein		
At4g33260	0.65	0.0044	WD-40 repeat family protein	CDC20.2	
At2g44390	0.65		DC1 domain-containing protein		
		0.0125	unknown protein		
At1g29640	0.65				
	0.65 0.65 0.65	0.0171	basic endochitinase unknown protein	CHIB	Methyl jasmonate response

AGI	Signal	P			
Number	ratio	value	Annotation	Name	Class
At3g04530	0.65		phosphoenolpyruvate carboxylase kinase 2	PPCK2	Oidasa
/ ttogo 1000	0.00	0.0072	Vascular-associated death 1, GRAM domain-	TT OILE	
At1g02120	0.65	0.0126	containing protein peroxidase 50, putative peroxidase, haem peroxidase	VAD1	
At4g37520	0.65	0.0084	domain	PER50	
			cytochrome P450, family 710, subfamily A,		
At2g34500	0.65 0.65		polypeptide 1, C-22 sterol desaturase/ oxygen binding	CYP710A1	
At1g74770 At5g02420	0.65		unknown protein unknown protein		
A13902420	0.04	0.0133	BTB and TAZ domain protein 2, transcriptional regulator of the TAC1-mediated telomerase activation		
At3g48360	0.64	0.0042	pathway STARIK 1, mitochondrial half-size ABC transporter of	BT2	Cold-, drought- and UVB-stress response
At5g58270	0.64	0.0044	ATM subfamily 12-oxophytodienoate reductase 1, jasmonic acid	STA1	
At1g76680	0.64	0.0072	biosynthesis	OPR1	Local herbivory response
At3g01290	0.64	0.0162	band 7 family protein		
At4g22070	0.64	0.0039	WRKY DNA-binding protein 31, transcription factor	WRKY31	
A10=44500	0.04	0.0040	cyclin B1;3, cyclin-dependent protein kinase regulator,	0)/0004-0	
At3g11520 At4g23870	0.64 0.64		B-type mitotic cyclin unknown protein	CYCB1;3	
A14923670	0.04	0.0005	protein kinase family protein, serine/threonine kinase		
At2g18890	0.64	0.0162	domain		
/g . 0000	0.0.	0.0.02	Arabidopsis H+-ATPASE 7, plasma membrane P-type		Upregulated under iron deficiency/ OPDA
At3g60330	0.64	0.0316	proton ATPase putative xyloglucan:xyloglucosyl transferase, putative xyloglucan endotransglycosylase, putative endo-	AHA7	response
At3g23730	0.64	0.0033	xyloglucan transferase		
7 110g207 00	0.01	0.0000	<u>xylogradari transferace</u>	ATKC1/	
				KAT3/	
At4g32650	0.64	0.0410	putative inward rectifying potassium channel	AKT4	Methyl jasmonate response
At2g34000	0.64		zinc finger protein-related		
At5g65250	0.64	0.0102	unknown protein		
At1g72200	0.64	0.0026	zinc finger (C3HC4-type RING finger) family protein embryo sac development arrest 11, DC1 domain-	ATL1N	Methyl jasmonate response
At1g55420	0.64	0.0314	containing protein	EDA11	
At3g16920	0.63	0.0059	glycoside hydrolase family 19 protein, chitinase-like embryo sac development arrest 28, maternal effect		
			embryo arrest 23, FAD-binding domain-containing	EDA28/	
At2g34790	0.63	0.0161	protein	MEE23	
At1g78020	0.63		senescence-associated protein-related		
At1g55850	0.63		Cellulose synthase-like E1	CSLE1	OPDA response
At5g37130	0.63		tetratricopeptide repeat (TPR)-containing protein		
At1g74940	0.63		senescence-associated protein-related putative caltractin/ putative centrin		NaCl response
At4g37010 At4g38340	0.63 0.63		RWP-RK domain-containing protein		Methyl jasmonate response
At5g55970	0.63		zinc finger (C3HC4-type RING finger) family protein		
At3g13950	0.63		unknown protein		
			glutamine synthase clone R2, glutamate-ammonia		
At1g66200	0.63		ligase encodes a cytosolic glutamate synthetase	GSR2	
At2g23960	0.63		putative defense-related protein		
At5g20820	0.63	0.0066	auxin-responsive protein-related glutamine synthetase 2, glutamate-ammonia ligase		
At5g35630	0.63	0 0118	chloroplastic glutamine synthetase	GS2	
At2g19060	0.63		GDSL-motif lipase/hydrolase family protein		
At1g63570	0.63		receptor-like protein kinase-related		
At1g51790	0.63	0.0375	putative leucine-rich repeat protein kinase		
Ī			leucine-rich repeat family protein / protein kinase		
At3g14840	0.62	0.0177	family protein		
A+2a00040	0.60	0.0004	ferric reductase defective 3, MATE efflux family protein, plasma membrane citrate effluxer	EDD3	Motal homoostasis
At3g08040	0.62	0.0081	protein, piasma membrane citrate effluxer protein kinase family protein, similar to leucine-rich	FRD3	Metal homeostasis
At4g26540	0.62	0.0480	repeat transmembrane protein kinase		
At1g73430	0.62		sec34-like family protein		
At4g26960	0.62		unknown protein		

AGI	Signal	P			
Number	ratio	value	Annotation	Name	Class
At4g33730	0.62		putative pathogenesis-related protein	Name	Cidos
7 K 19007 00	0.02		nitrate transporter 2.1, high-affinity plasma membrane nitrate uptake system, repressor of lateral root		
At1g08090	0.62		initiation	NRT2;1	
At5g55710	0.62	0.0101	unknown protein		
At2g13810	0.62	0.0068	AGD2-like defense response protein 1, transaminase DNAJ heat shock N-terminal domain-containing	ALD1	
At1q76700	0.62	0.0030	protein		
At4g18510	0.62	0.0112	Clavata 3-/ ESR-related 2	CLE2	
			beta-ketoacyl-CoA synthase family (FIDDLEHEAD)		
At2g26250	0.62	0.0053	· ,	FDH	ODDA
At2g37750	0.62	0.0164	unknown protein putative pathogenesis-related protein, allergen		OPDA response/ Methyl jasmonate response
At4g25790	0.62	0.0069	V5/Tpx-1-related family protein UDP-glucose:indole-3-acetate beta-D-		
At4g15550	0.62	0.0228	glucosyltransferase, indole-3-acetate beta-D-glucosyl transferase	IAGLU	
A+2~10000	0.04	0.0040	putative germin-like protein, manganese ion binding,		
At3g10080 At1g63245	0.61 0.61		nutrient reservoir Clavata 3-/ ESR-related 14	CLE14	
At3g62780	0.61		C2 domain-containing protein	OLLIT	
At1g03660	0.61		unknown protein, similar to ankyrin repeat family protein		
At1g63450	0.61	0.0301	exostosin family protein		
At5g06570	0.61		unknown protein, similar to CXE carboxylesterase		
At1g09350	0.61		galactinol synthase 3	GOLS3	
At4g17490	0.60		ethylene-responsive element-binding factor 6 peroxidase 71, putative peroxidase, haem peroxidase	ERF6	Cold-, drought- and UVB-stress response
At5g64120	0.60		domain	PER71	
At5g62860	0.60		F-box family protein-related unknown protein, PRIB5 domain, phosphoglycerate		
At3g60420	0.60	0.0186	mutase domain CBL-interacting protein kinase 15, serine/threonine		OPDA response
At5g01810	0.60	0.0115	protein kinase	CIPK15	Methyl jasmonate response
At5g44130	0.60		fasciclin-like arabinogalactan-protein	FLA13	Methyl jasmonate response
At2g19990	0.60		pathogenesis-related protein 1	PR1	·
At4g08810	0.60	0 0028	short under blue light 1, calcium-binding protein involved in cryptochrome and phytochrome coaction	SUB1	
At4g10270	0.60		wound-responsive family protein		NaCl response
At2g15340	0.60		glycine-rich protein		,
At1g02930	0.59	0.0127	glutathione S-transferase	GSTF6	Local herbivory response
A+2~10020	0.50	0.0127	unknown protoin		Cold-, drought- and UVB-stress response/ NaCl
At3g19030	0.59	0.0137	unknown protein meprin and TRAF homology domain-containing		response
At3g46190	0.59	0.0339	protein / MATH domain-containing protein		
			BTB and TAZ domain protein 1, transcription		
At5g63160	0.59	0.0091	regulator homeobox-leucine zipper protein 9, transcription	BT1	
At2g22800	0.59	0.0013		НАТ9	
At5g05440	0.59		unknown protein	1000	Methyl jasmonate response
At1g47480	0.58		unknown protein, similar to CXE carboxylesterase		, , , , , , , , , , , , , , , , , , , ,
At5g65925	0.58	0.0035	unknown protein		
At3g49840	0.58		proline-rich family protein		
At2g27370	0.58	0.0107	integral membrane family protein kelch repeat-containing protein/ serine/threonine		
At1g08420	0.58		phosphoesterase family protein		
At1g19390	0.58	0.0211	wall-associated receptor kinase-like 11	WAKL11	NaCl response
At5g47200	0.58	0.0039	Arabidopsis Rab GTPase homolog D2b, GTP-binding protein	RABD2b/ Rab1A	
At4g26080	0.58	0.0017	ABA insensitive 1, protein phosphatase 2C	ABI1	Local herbivory response/ NaCl response/ Methyl jasmonate response
At1g33880	0.58		avirulence-responsive family protein / avirulence induced gene (AIG1) family protein		
At3g54420	0.58		class IV chitinase	EP3	Local herbivory response
At5g15120	0.58		unknown protein		
At3g52420	0.57	0.0270	putative outer envelope membrane protein		
At5g45105	0.57	0.0485	ZRT-, IRT-related protein 8, ZIP family putative zinc transporter	ZIP8	Metal homeostasis
_		_			

AGI	Signal	P			
Number	ratio	value	Annotation	Name	Class
At5g06490	0.57	0.0111	zinc finger (C3HC4-type RING finger) family protein	L5D	Upregulated under iron deficiency
A13900490	0.57	0.0111	centroradialis (CEN), phosphatidylethanolamine	LUD	Opregulated under non deliciency
At2g27550	0.57	0.0055	binding	ATC	NaCl response
At1g03080	0.57		kinase interacting family protein	-	Methyl jasmonate response
_					
At3g19010	0.57	0.0165	oxidoreductase, 20G-Fe(II) oxygenase family protein		Methyl jasmonate response
*** 04000	0.50	0.0040	proton-dependent oligopeptide transport (POT) family		Upregulated under iron deficiency/ NaCl
At4g21680	0.56 0.56		protein leucine-rich repeat protein kinase, putative		response/ Methyl jasmonate response
At5g59680	0.56	0.0330	sulfate transporter 1;2, high-affinity plasma membrane		
At1g78000	0.56	0.0324	sulfate uptake system	SULTR1;2	OPDA response
At2g35850	0.56		unknown protein	,	
Ü			protease inhibitor/seed storage/lipid transfer protein		
At1g62510	0.56	0.0222	(LTP) family protein		NaCl response
			Copper transporter 2, plasma membrane copper		Upregulated under iron deficiency/Metal
At3g46900	0.56	0.0052	uptake system	COPT2	homeostasis
A+2a35000	0.56	0.0122	zine finger (C3HC4-type PING finger) family protein		
At2g35000	0.56	0.0132	zinc finger (C3HC4-type RING finger) family protein peroxidase 57, putative peroxidase, haem peroxidase		
At5g17820	0.55	0.0446	domain	PER57	
At2g20670	0.55		unknown protein	. 2.1.07	Methyl jasmonate response
At2g15830	0.55	0.0338	unknown protein		, ,
At5g02780	0.54	0.0142	In2-1-like protein, putative glutathione-S-transferase		Upregulated under iron deficiency
A 14 00000	0.54	0.0000	respiratory burst oxidase protein B (RbohB) / NADPH	DDOUD	Marthad Sanaranata arang arang
At1g09090 At2g39520	0.54 0.54		oxidase unknown protein	RBOHB	Methyl jasmonate response
At2g39520	0.54	0.0321	unknown protein		
At4g09100	0.54	0.0105	zinc finger (C3HC4-type RING finger) family protein		
At1g59960	0.54		putative aldo/keto reductase		
			plasma membrane intrinsic protein 2;4, water	PIP2;4/	
At5g60660	0.54	0.0050	channel, major intrinsic protein (MIP) family	PIP2F	
			Fe-S metabolism associated domain-containing		
At1g67810	0.53		protein		OPDA response
At2g41970	0.53		protein kinase, putative	- FADI 14	
At2g20960 At5g38910	0.53 0.53		unknown protein, phospholipase-like domain germin-like protein, putative	pEARLI4	
At3g21710	0.53		unknown protein		
At4g34930	0.52		1-phosphatidylinositol phosphodiesterase-related		
At1g10170	0.52		NF-X1 type zinc finger family protein		
At3g18170	0.52		hypothetical protein		
At2g34180	0.52		CBL-interacting protein kinase 13	CIPK13	
<b>1</b>		_	sulfate transporter 1;1, high affinity plasma membrane		
At4g08620	0.51		sulfate uptake system	SULTR1;1	
At3g07720	0.51		kelch repeat-containing protein		Upregulated under iron deficiency
At1g60750 At3g13650	0.51 0.51		pseudogene, aldo/keto reductase family disease resistance response		OPDA response OPDA response
At3g13650 At3g63360	0.51		defensin-like (DEFL) family protein		OI DA IESPOIISE
	0.50	0.0029	putative pathogenesis-related protein, allergen		
At5g57625	0.48	0.0458	V5/Tpx-1-related family protein		
At5g65980	0.48		auxin efflux carrier family protein		
At5g66985	0.47		unknown protein		
At5g45380	0.47		sodium:solute symporter family protein		
At1g76800	0.44	0.0060	putative nodulin	CCCI4	Metal homeostasis
			metal tolerance protein 3, cation diffusion facilitator		Hanney Jato do madou income de Caisar and Martal
A+2 a E 0 0 1 0	0.40	0.0077	family of membrane transport proteins, vacuolar	MTD2	Upregulated under iron deficiency/ Metal
At3g58810 At1g73120	0.43 0.43		sequestration of Zn/Co unknown protein	MTP3	homeostasis/OPDA response Upregulated under iron deficiency
At1g73120 At4g33070	0.43		putative pyruvate decarboxylase		Methyl jasmonate response
, 11-1900010	0.42	0.0004	ferric reduction oxidase 2, ferric-chelate reductase,		motify jasinonate response
			responsible for the majority of iron(III)-chelate		Upregulated under iron deficiency/ Metal
At1g01580	0.40	0.0187	reduction at the root surface	FRO2	homeostasis
					<i>y</i>