

Table S2. List of peptides identified by in-gel trypsin digestion of CaCl ₂ -extracted cell wall proteins of Arabidopsis Ler (wt) and LerasFBP1 cells.																
Band N°	Accession N°	AlG number	Description	Species	Score	Peptides N°	Cover. %	Observed	M(tryptic)	M(calcd)	Delta	Mass	Score	Expect	Rank	Peptide
2	NP_564414	A1L32950	ATSBT3.3; subtilase	A. thaliana	442	11	15	372.7214	743.4282	743.4290	-0.0007	0	23	8.4	2	K.GLAGLTLR.G
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			404.7199	807.4232	807.4239	-0.0007	0	30	1.8	1	K.VYVSSRR.G
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			404.7191	807.4236	807.4239	-0.0003	0	(24)	6.9	1	K.VYVSSRR.G
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			494.2766	986.5386	986.5397	-0.0010	0	(27)	2.4	1	R.TLSGQPVGTV.K
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			494.2767	986.5388	986.5397	-0.0008	0	(30)	1.2	1	R.TLSGQPVGTV.K
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			494.2769	986.5392	986.5397	-0.0004	0	39	0.17	1	R.TLSGQPVGTV.K
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			514.3164	1026.6182	1026.6186	-0.0003	0	64	0.00044	1	K.AAGGLGLISR.N
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			514.3166	1026.6186	1026.6186	0.0001	0	(62)	0.00072	1	K.AAGGLGLISR.N
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			526.7800	1051.5454	1051.5485	-0.0030	0	30	1.1	1	K.VVLCFTASR.T
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			526.7947	1051.5748	1051.5485	0.0264	0	(22)	7.5	1	K.VVLCFTASR.T
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			526.8079	1051.6012	1051.6026	-0.0014	0	30	1.3	1	K.VSVEPPLGVR.V
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			526.8083	1051.6020	1051.6026	-0.0006	0	(23)	5.2	1	K.VSVEPPLGVR.V
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			556.7247	1111.4348	1111.4353	-0.0004	0	47	0.024	1	K.GGCESGENFR.S
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			556.7255	1111.4364	1111.4353	0.0012	0	(46)	0.027	1	K.GGCESGENFR.S
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			614.7623	1227.5100	1227.5112	-0.0011	0	41	0.088	1	K.GVTCSDSDIMK.A + Oxidation (M)
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			614.7630	1227.5114	1227.5112	0.0003	0	(38)	0.18	1	K.GVTCSDSDIMK.A + Oxidation (M)
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			644.8479	1287.6812	1287.6823	-0.0010	0	29	1.5	1	R.SFPTPTLGNK.V
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			644.8483	1287.6820	1287.6823	-0.0002	0	(28)	1.9	1	R.SFPTPTLGNK.V
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			820.8810	1639.7474	1639.7478	-0.0004	0	75	2.5e-05	1	R.TDPGEQIAGSSRK
	NP_564414		ATSBT3.3; subtilase	A. thaliana	442			669.6942	2006.0608	2006.0619	-0.0011	0	39	0.093	1	R.GPNSMSPALKPDAAGVR.I + Oxidation (M)
3	NP_197595	A7S20950	glycosyl hydrolase family 3 protein	A. thaliana	931	19	31	343.1974	684.3802	684.3806	-0.0004	0	(28)	3.2	6	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			343.1974	684.3802	684.3806	-0.0004	0	(28)	2	6	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			343.1974	684.3802	684.3806	-0.0004	0	(24)	5.3	1	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			343.1974	684.3802	684.3806	-0.0004	0	(27)	2.6	6	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			343.1974	684.3802	684.3806	-0.0004	0	(28)	1.9	7	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			343.1974	684.3802	684.3806	-0.0004	0	(28)	2.2	7	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			343.1975	684.3804	684.3806	-0.0002	0	33	0.66	1	R.DPNLVR.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			400.7836	799.5526	799.5531	-0.0005	1	40	0.14	2	R.KSLVLLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			400.7837	799.5528	799.5531	-0.0003	1	(33)	0.78	1	R.KSLVLLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			413.7788	825.5430	825.5436	-0.0005	1	(18)	15	1	K.KLIPISR.I
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			413.7788	825.5430	825.5436	-0.0005	1	(19)	12	2	K.KLIPISR.I
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			413.7789	825.5432	825.5436	-0.0003	1	(18)	15	2	K.KLIPISR.J
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			413.7789	825.5432	825.5436	-0.0003	1	31	0.8	1	K.KLIPISR.J
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			444.7684	887.5222	887.5229	-0.0007	1	(42)	0.087	1	R.KGVPPFVGK.T
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			444.7685	887.5224	887.5229	-0.0005	1	45	0.053	1	R.KGVPPFVGK.T
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			444.7685	887.5224	887.5229	-0.0005	1	(41)	0.13	1	R.KGVPPFVGK.T
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			444.7686	887.5226	887.5229	-0.0003	1	(40)	0.17	1	R.KGVPPFVGK.T
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			444.7688	887.5230	887.5229	0.0001	1	(32)	0.88	1	R.KGVPPFVGK.T
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			453.7681	905.5216	905.5222	-0.0006	0	(36)	0.34	1	K.ELVTGFLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			453.7681	905.5216	905.5222	-0.0006	0	43	0.065	1	K.ELVTGFLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			453.7682	905.5218	905.5222	-0.0004	0	(12)	88	2	K.ELVTGFLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			453.7683	905.5220	905.5222	-0.0002	0	(32)	0.83	2	K.ELVTGFLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			453.7685	905.5224	905.5222	0.0002	0	(29)	2	2	K.ELVTGFLK.N
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			467.2500	932.4854	932.4862	-0.0007	1	(19)	18	6	R.RDLMNLR.M + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			467.2502	932.4858	932.4862	-0.0003	1	(29)	2	1	R.RDLMNLR.M + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			467.2502	932.4858	932.4862	-0.0003	1	29	1.8	5	R.RDLMNLR.M + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			511.8360	932.4862	932.4862	0.0000	1	(19)	19	1	R.RDLMNLR.M + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			481.2540	960.4934	960.4950	-0.0016	0	(20)	14	6	R.SVATPEVMK.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			481.2544	960.4942	960.4950	-0.0008	0	(21)	13	7	R.SVATPEVMK.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			481.2547	960.4948	960.4950	-0.0002	0	(13)	79	6	R.SVATPEVMK.K
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			489.2518	976.4890	976.4899	-0.0009	0	30	1.3	1	R.SVATPEVMK.K + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			489.2519	976.4892	976.4899	-0.0007	0	(24)	5.9	1	R.SVATPEVMK.K + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			500.7923	999.5700	999.5713	-0.0012	0	(78)	1.8e-05	1	R.IGAATLEVR.A
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			500.7927	999.5708	999.5713	-0.0004	0	(58)	0.002	1	R.IGAATLEVR.A
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			500.7928	999.5710	999.5713	-0.0002	0	85	3.4e-06	1	R.IGAATLEVR.A
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			522.7643	1043.5140	1043.5149	-0.0008	0	(21)	11	1	K.HFVDDGGTVR.G
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			522.7643	1043.5140	1043.5149	-0.0008	0	(33)	0.73	1	K.HFVDDGGTVR.G
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			522.7643	1043.5140	1043.5149	-0.0008	0	(32)	0.91	1	K.HFVDDGGTVR.G
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			522.7644	1043.5142	1043.5149	-0.0006	0	(36)	0.36	1	K.HFVDDGGTVR.G
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			522.7645	1043.5144	1043.5149	-0.0004	0	37	0.25	1	K.HFVDDGGTVR.G
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			522.7646	1043.5146	1043.5149	-0.0002	0	(24)	5.8	1	K.HFVDDGGTVR.G
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			523.2580	1044.5014	1044.5022	-0.0008	0	16	35	1	K.QLPMNVGDR.H + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			523.2582	1044.5018	1044.5022	-0.0004	0	(11)	1.1e+02	7	K.QLPMNVGDR.H + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			537.2920	1072.5694	1072.5699	-0.0005	0	61	0.00098	1	K.IGQVMQIER.S
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			537.2923	1072.5700	1072.5699	0.0001	0	(68)	0.002	1	K.IGQVMQIER.S
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			545.2892	1088.5638	1088.5648	-0.0010	0	(49)	0.017	1	K.IGQVMQIER.S + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			545.2894	1088.5642	1088.5648	-0.0006	0	(39)	0.17	1	K.IGQVMQIER.S + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			545.2894	1088.5642	1088.5648	-0.0006	0	(48)	0.02	1	K.IGQVMQIER.S + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			545.2896	1088.5646	1088.5648	-0.0002	0	(27)	2.4	1	K.IGQVMQIER.S + Oxidation (M)
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			545.2922	1088.5698	1088.5900	0.0001	1	(20)	12	2	R.SVATPEVMK.Y
	NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			553.2992	1104.5838	1						

NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			567.8655	1133.7164	1133.7172	-0.0008	0	24	4.9	3	K.TGAKLLPLPK.K	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			578.8433	1155.6720	1155.6724	-0.0003	1	(21)	9.2	1	K.RIGATAALEV.R.A	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			578.8433	1155.6720	1155.6724	-0.0003	1	32	0.79	1	K.RIGATAALEV.R.A	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			686.2612	1370.5078	1370.5085	-0.0006	0	73	5.7e-05	1	R.CYESYSEYV.R.I	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			696.8484	1391.6822	1391.6834	-0.0011	0	65	0.00034	1	R.GFVSDWGQD.R.I	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			696.8484	1391.6822	1391.6834	-0.0011	0	(68)	0.0018	1	R.GFVSDWGQD.R.I	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			883.9391	1765.8636	1765.8644	-0.0007	0	50	0.0094	1	R.ATGTPYAFAPCI.V.C.R.D	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			898.9422	1795.8698	1795.8716	-0.0017	0	(43)	0.048	1	K.GLFGHMPGYNAVNK.G + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			599.6306	1795.8700	1795.8716	-0.0016	0	(61)	0.0079	1	K.GLFGHMPGYNAVNK.G + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			898.9424	1795.8702	1795.8716	-0.0013	0	54	0.0038	1	K.GLFGHMPGYNAVNK.G + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			898.9426	1795.8706	1795.8716	-0.0009	0	(43)	0.046	1	K.GLFGHMPGYNAVNK.G + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			599.6313	1795.8721	1795.8716	0.0005	0	(37)	0.2	1	K.GLFGHMPGYNAVNK.G + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			599.6313	1795.8721	1795.8716	0.0005	0	(33)	0.48	1	K.GLFGHMPGYNAVNK.G + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			751.7470	2252.1192	2252.2198	-0.0007	1	42	0.035	1	R.HQGMTEIPLSQDGLRTRK.R + Oxidation (M)	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			765.0529	2292.1369	2292.1366	-0.0018	0	(50)	0.0066	1	K.NTAVPTQVWVYNSONPDANFVK.S	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			1147.0780	2292.1374	2292.1366	-0.0012	0	103	2.9e-08	1	K.NTAVPTQVWVYNSONPDANFVK.S	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			1147.0780	2292.1374	2292.1366	-0.0012	0	(80)	6.2e-08	1	K.NTAVPTQVWVYNSONPDANFVK.S	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			1147.0780	2292.1374	2292.1366	-0.0012	0	(84)	2.4e-08	1	K.NTAVPTQVWVYNSONPDANFVK.S	
NP_197595		glycosyl hydrolase family 3 protein	A. thaliana	931			765.0533	2292.1381	2292.1366	-0.0006	0	(64)	0.00027	1	K.NTAVPTQVWVYNSONPDANFVK.S	
4	NP_177743	AT4G12420	SK55 copper ion binding / oxidoreductase	A. thaliana	673	15	25	361.6949	721.3752	721.3759	-0.0006	0	(31)	0.88	1	K.IDGVYR.S
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			361.6950	721.3754	721.3759	-0.0004	0	(34)	0.48	1	K.IDGVYR.S	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			361.6950	721.3754	721.3759	-0.0004	0	34	0.43	1	K.IDGVYR.S	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			361.6952	721.3758	721.3759	-0.0000	0	(28)	1.7	1	K.IDGVYR.S	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			371.2398	740.4650	740.4657	-0.0006	0	(26)	2	5	R.I.R.S.PP.R.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			371.2399	740.4652	740.4657	-0.0004	0	(27)	1.6	5	R.I.R.S.PP.R.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			371.2400	740.4654	740.4657	-0.0002	0	29	1.1	5	R.I.R.S.PP.R.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			378.6998	755.3850	755.3854	-0.0003	0	(20)	12	6	K.IADYFK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			378.6998	755.3850	755.3854	-0.0003	0	28	1.6	3	K.IADYFK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			378.6999	755.3852	755.3854	-0.0001	0	(18)	16	9	K.IADYFK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			378.7000	755.3854	755.3854	0.0001	0	(18)	18	7	K.IADYFK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			398.1927	794.3708	794.3711	-0.0003	0	17	23	1	R.SEFWAR.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			402.2130	802.4114	802.4119	-0.0005	0	44	0.066	1	K.NALLCGR.A	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			402.2133	802.4114	802.4119	0.0001	0	(22)	12	1	K.NALLCGR.A	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			402.2138	802.4130	802.4119	0.0011	0	(29)	2.1	1	K.NALLCGR.A	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			403.2191	804.4236	804.4242	-0.0006	0	(44)	0.097	1	K.AAGFGGIR.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			403.2192	804.4238	804.4242	-0.0004	0	(29)	2.6	1	K.AAGFGGIR.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			403.2192	804.4238	804.4242	-0.0004	0	52	0.013	1	K.AAGFGGIR.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			403.2193	804.4240	804.4242	-0.0002	0	(52)	0.014	1	K.AAGFGGIR.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			404.7007	807.3868	807.3875	-0.0006	0	(13)	86	8	R.K.NEYLD.R.A	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			404.7008	807.3870	807.3875	-0.0004	0	15	62	6	R.NEYLD.R.A	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			431.2211	860.4276	860.4280	-0.0003	0	(13)	85	2	R.DEYPIK.N	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			431.2213	860.4280	860.4280	0.0001	0	16	36	1	R.DEYPIK.N	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			512.2764	1022.5382	1022.5397	-0.0014	0	(28)	2	1	R.VYTPSLR.D	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			512.2769	1022.5392	1022.5397	-0.0004	0	(19)	16	6	R.VYTPSLR.D	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			512.2769	1022.5392	1022.5397	-0.0004	0	(32)	0.88	1	R.VYTPSLR.D	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			512.2769	1022.5392	1022.5397	-0.0004	0	32	0.88	1	R.VYTPSLR.D	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			516.7692	1031.5238	1031.5247	-0.0009	0	(44)	0.056	1	R.LASSAGQVDGK.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			516.7692	1031.5238	1031.5247	-0.0009	0	(45)	0.048	1	R.LASSAGQVDGK.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			516.7693	1031.5240	1031.5247	-0.0007	0	(61)	0.001	1	R.LASSAGQVDGK.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			516.7694	1031.5242	1031.5247	-0.0005	0	63	0.00065	1	R.LASSAGQVDGK.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			516.7695	1031.5244	1031.5247	-0.0003	0	(46)	0.032	1	R.LASSAGQVDGK.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			516.7696	1031.5246	1031.5247	-0.0001	0	(48)	0.021	1	R.LASSAGQVDGK.Q	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			544.2738	1086.5330	1086.5346	-0.0015	0	(44)	0.044	1	R.DYVVVSSR.F	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			544.2741	1086.5336	1086.5346	-0.0009	0	(38)	0.19	2	R.DYVVVSSR.F	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			544.2742	1086.5338	1086.5346	-0.0007	0	50	0.012	1	R.DYVVVSSR.F	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			544.2745	1086.5344	1086.5346	-0.0001	0	(43)	0.058	1	R.DYVVVSSR.F	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			595.8033	1189.5920	1189.5939	-0.0018	0	(64)	0.00049	1	R.SSGATLNVEQGT.T	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			595.8038	1189.5930	1189.5939	-0.0008	0	(68)	0.0002	1	R.SSGATLNVEQGT.T	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			595.8039	1189.5932	1189.5939	-0.0006	0	(67)	0.00023	1	R.SSGATLNVEQGT.T	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			595.8040	1189.5934	1189.5939	-0.0004	0	78	2e-05	1	R.SSGATLNVEQGT.T	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			728.8929	1455.7712	1455.7722	-0.0010	0	68	0.00018	1	R.FTNSLVTTTGF.R.Y	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			731.8857	1461.7568	1461.7576	-0.0007	0	79	1.4e-05	1	R.ISNVLQDLSL.N.R.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			868.9635	1735.9124	1735.9145	-0.0020	0	41	0.063	1	R.YAVNSYFKPQDPLTK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			879.8453	1735.9141	1735.9145	-0.0004	0	(38)	0.15	1	R.YAVNSYFKPQDPLTK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			879.8454	1735.9144	1735.9145	-0.0001	0	(34)	0.32	1	R.YAVNSYFKPQDPLTK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			888.9645	1735.9144	1735.9145	-0.0000	0	(38)	0.12	1	R.YAVNSYFKPQDPLTK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			888.9646	1735.9146	1735.9145	0.0002	0	(32)	0.57	1	R.YAVNSYFKPQDPLTK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			879.8457	1735.9153	1735.9145	0.0008	0	(31)	0.62	1	R.YAVNSYFKPQDPLTK.I	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			933.4835	1864.9524	1864.9571	-0.0046	1	(24)	3.3	1	R.VYTPSLRDEYPIK.N	
NP_177743		SK55 copper ion binding / oxidoreductase	A. thaliana	673			933.4854	1864.9562	1864.9571	-0.0008	1	26	2.2	1	R.VYTPSLRDEYPIK.N	
4	NP_199747	AT5G49360	BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393	9	11	382.1980	762.3814	762.3813	0.0001	0	17	32	10	R.FHNAK.V
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			400.7346	799.4546	799.4552	-0.0006	0	32	0.97	1	R.VODLLGR.L	
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			400.7347	799.4548	799.4552	-0.0004	0	(31)	1.1	1	R.VODLLGR.L	
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			415.2136	828.4126	828.4130	-0.0003	0	(25)	5.1	1	K.YAASYR.G	
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			415.2138	828.4130	828.4130	0.0001	0	31	1.1	1	K.YAASYR.G	
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			453.2689	904.5232	904.5243	-0.0010	0	31	1.4	1	R.ANVPIHR.V	
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			453.2693	904.5240	904.5243	-0.0002	0	(28)	2.9	1	R.ANVPIHR.V	
NP_199747		BX1L (BETA-XYLOSIDASE 1); hydrolase, hydrolyzing O-glycosyl compounds	A. thaliana	393			542.2531	1082.4916	1082.4923	-0.0006	0	(19)	14	2	K.VPMTVMAMIR.A + 3 Oxidation (M)	
NP_199747		BX														

NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(43)	0.081	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(55)	0.0046	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(59)	0.0017	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(62)	0.001	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(55)	0.0049	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	73	8.2e-05	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(65)	0.005	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(68)	0.0022	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(69)	0.0018	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(65)	0.00043	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(68)	0.0022	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(55)	0.0049	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(62)	0.00096	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7249	857.4352	857.4355	-0.0003	0	(44)	0.13	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7250	857.4354	857.4355	-0.0001	0	(55)	0.0043	1	K.ADN.LAAQR.A	
NE 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		429.7251	857.4356	857.4355	0.0001	0	(51)	0.011	1	K.ADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		433.7342	865.4538	865.4545	-0.0007	0	(16)	32	2	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		433.7342	865.4538	865.4545	-0.0007	0	27	2	2	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		433.7344	865.4542	865.4545	-0.0003	0	(18)	16	3	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		449.7242	897.4338	897.4344	-0.0006	0	(17)	35	2	K.LNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		449.7242	897.4338	897.4344	-0.0006	0	(33)	0.85	1	K.LNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		449.7243	897.4340	897.4344	-0.0004	0	39	0.22	1	K.LNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		449.7243	897.4340	897.4344	-0.0004	0	(37)	0.31	1	K.LNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		449.7246	897.4346	897.4344	0.0002	0	(19)	20	1	K.LNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		457.2153	912.4160	912.4164	-0.0003	0	24	4.6	1	K.M.SAQWFK.Q + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		497.7816	993.5486	993.5495	-0.0008	1	(18)	16	5	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		497.7817	993.5488	993.5495	-0.0006	1	(22)	6.7	5	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		497.7818	993.5490	993.5495	-0.0004	1	(21)	9.3	9	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		497.7818	993.5490	993.5495	-0.0004	1	24	4.1	2	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		497.7821	993.5496	993.5495	0.0002	1	(9)	1.3e+02	4	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		497.7824	993.5502	993.5495	0.0008	1	(15)	36	5	K.DYLN.LK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		505.2727	1008.5308	1008.5314	-0.0005	0	39	0.15	1	R.LIDY.MVK.G	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		505.2727	1008.5308	1008.5314	-0.0005	0	(33)	0.53	1	R.LIDY.MVK.G	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		505.2728	1008.5310	1008.5314	-0.0003	0	(16)	29	1	R.LIDY.MVK.G	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		505.2728	1008.5310	1008.5314	-0.0003	0	(22)	7.2	1	R.LIDY.MVK.G	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.2701	1024.5256	1024.5263	-0.0007	0	(24)	4.1	1	R.LIDY.MVK.G + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.2702	1024.5258	1024.5263	-0.0005	0	(31)	0.84	2	R.LIDY.MVK.G + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.2702	1024.5258	1024.5263	-0.0005	0	(36)	0.26	1	R.LIDY.MVK.G + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.2703	1024.5260	1024.5263	0.0003	0	(33)	0.51	1	R.LIDY.MVK.G + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.2705	1024.5264	1024.5263	0.0001	0	(29)	1.5	1	R.LIDY.MVK.G + Oxidation (M)	
NE 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.7717	1025.5288	1025.5294	-0.0006	1	(45)	0.036	1	K.KLNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.7717	1025.5288	1025.5294	-0.0006	1	(49)	0.014	1	K.KLNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.7717	1025.5288	1025.5294	-0.0006	1	52	0.0072	1	K.KLNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.7720	1025.5294	1025.5294	0.0000	1	(36)	0.25	1	K.KLNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		513.7722	1025.5298	1025.5294	0.0004	1	(46)	0.027	1	K.KLNFDAYR.F	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		537.2883	1072.5620	1072.5625	-0.0004	1	(49)	0.015	1	R.SKADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		537.2883	1072.5620	1072.5625	-0.0004	1	79	1.8e-05	1	R.SKADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		537.2883	1072.5620	1072.5625	-0.0004	1	(61)	0.0011	1	R.SKADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		358.6280	1072.5622	1072.5625	-0.0003	1	(35)	0.43	1	R.SKADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		537.2884	1072.5622	1072.5625	-0.0002	1	(60)	0.013	1	R.SKADN.LAAQR.A	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		552.2918	1102.5690	1102.5699	-0.0009	0	51	0.01	1	R.F.GVYVDYK.T	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		552.2920	1102.5694	1102.5699	-0.0005	0	(51)	0.011	1	R.F.GVYVDYK.T	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		552.2921	1102.5696	1102.5699	-0.0003	0	(45)	0.039	1	R.F.GVYVDYK.T	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		552.2924	1102.5702	1102.5699	0.0003	0	(44)	0.053	1	R.F.GVYVDYK.T	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		570.7836	1139.5526	1139.5532	-0.0006	1	42	0.066	1	R.YKEDV.DLMK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		570.7838	1139.5530	1139.5532	-0.0002	1	(33)	0.49	1	R.YKEDV.DLMK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		570.7838	1139.5530	1139.5532	-0.0002	1	(39)	0.14	1	R.YKEDV.DLMK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		380.8583	1139.5531	1139.5532	-0.0002	1	(21)	8.3	1	R.YKEDV.DLMK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		570.7840	1139.5534	1139.5532	0.0002	1	(13)	50	4	R.YKEDV.DLMK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		380.8590	1139.5552	1139.5532	0.0019	1	(26)	2.4	1	R.YKEDV.DLMK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		578.7809	1155.5472	1155.5482	-0.0009	1	(25)	4.2	3	R.YKEDV.DLMK.K + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		578.7809	1155.5472	1155.5482	-0.0009	1	(32)	0.86	1	R.YKEDV.DLMK.K + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		578.7811	1155.5476	1155.5482	-0.0005	1	(38)	0.22	1	R.YKEDV.DLMK.K + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		578.7811	1155.5476	1155.5482	-0.0005	1	(25)	4	3	R.YKEDV.DLMK.K + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		578.7812	1155.5478	1155.5482	-0.0003	1	(21)	9.2	1	R.YKEDV.DLMK.K + Oxidation (M)	
NE 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		578.7812	1155.5478	1155.5482	-0.0003	1	(29)	1.5	2	R.YKEDV.DLMK.K + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		388.1900	1155.5482	1155.5482	0.0000	1	(24)	5.1	3	R.YKEDV.DLMK.K + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		605.7686	1209.5226	1209.5237	-0.0010	0	31	0.97	1	K.NWMTFNEPR.V + Oxidation (M)	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		60.8453	1319.6760	1319.6761	-0.0001	1	43	0.053	1	K.YKYDYL.NLTK.K	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		714.7923	1427.5700	1427.5704	-0.0003	0	86	0.00027	1	K.DFADYAEFCYK.T	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		714.7923	1427.5700	1427.5704	-0.0003	0	(63)	0.0005	1	K.DFADYAEFCYK.T	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		810.4300	1618.8454	1618.8467	-0.0013	0	82	0.00056	1	R.VAALGYDNGIFAPGR.C	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		769.0668	2304.1786	2304.1790	-0.0004	0	24	2.4	1	K.GITPYANLHYDLP.LLENK.Y	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		1179.0420	2356.0694	2356.0720	-0.0026	0	111	4.6e-09	1	K.G.FVFGTAT.SAVQVEGETHQDGR.G	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		786.3641	2356.0705	2356.0720	-0.0016	0	(46)	0.014	1	K.G.FVFGTAT.SAVQVEGETHQDGR.G	
NP 188436		glycosyl hydrolase family 1 protein	A. thaliana	771		786.3641	2356.0705	2356.0720	-0.0016	0	(42)	0.036	1	K.G.FVFGTAT.SAVQVEGETHQDGR.G	
6 NP 178006	AT1G78850	curculin-like (mannose-binding) lectin family protein	A. thaliana	810	17	37	416.7296	831.4446	831.4450	-0.0004	0	(27)	3.2	1	R.VOESTLR.W
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810			416.7296	831.4446	831.4450	-0.0004	0	33	0.83	1	R.VOESTLR.W
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810			416.7297	831.4448	831.4450	-0.0002	0	(24)	6.6	1	R.VOESTLR.W
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810			421.7132	841.4118	841.4123	-0.0004	0	(19)	16	3	K.TFHYFK.I
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810			421.7132	841.4118	841.4123	-0.0004	0	23	6.1	2	K.TFHYFK.I

NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		421.7132	841.4118	841.4123	-0.0004	0	(22)	8.2	2	K.TFHYFK.I		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		421.7132	841.4118	841.4123	-0.0004	0	(23)	6.6	1	K.TFHYFK.I		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		421.7582	841.5018	841.4123	0.0896	0	(18)	17	2	K.TFHYFK.I		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		452.2299	902.4452	902.4457	-0.0005	0	(26)	3.6	2	R.LESDGNR.V		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		452.2299	902.4452	902.4457	-0.0005	0	(42)	0.093	1	R.LESDGNR.V		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		452.2300	902.4454	902.4457	-0.0003	0	(42)	0.092	1	R.LESDGNR.V		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		452.2300	902.4454	902.4457	-0.0003	0	(37)	0.33	1	R.LESDGNR.V		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		480.7379	959.4612	959.4613	-0.0001	0	(20)	13	1	R.WVWEANR.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		480.7381	959.4616	959.4613	0.0003	0	(17)	25	4	R.WVWEANR.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		488.2475	974.4804	974.4822	-0.0017	0	(12)	98	4	K.SPVLDDQFR.V		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2499	1060.4852	1060.4859	-0.0007	0	(25)	4.2	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2499	1060.4852	1060.4859	-0.0007	0	(32)	0.91	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2499	1060.4852	1060.4859	-0.0007	0	(29)	1.6	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2500	1060.4854	1060.4859	-0.0005	0	(45)	0.042	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2500	1060.4854	1060.4859	-0.0005	0	(45)	0.04	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2500	1060.4854	1060.4859	-0.0005	0	(41)	0.11	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2501	1060.4856	1060.4859	-0.0003	0	(33)	0.64	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		531.2501	1060.4856	1060.4859	-0.0003	0	(39)	0.16	1	K.SPPLASCDPK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		538.7524	1075.4902	1075.4909	-0.0007	0	(27)	2.8	1	K.CLGFVYNR.K		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		549.7601	1097.5056	1097.5063	-0.0007	0	(39)	0.14	1	K.IEGADSFMTK.Y		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		549.7603	1097.5060	1097.5063	-0.0003	0	(39)	0.13	1	K.IEGADSFMTK.Y		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		549.7603	1097.5060	1097.5063	-0.0003	0	(41)	0.09	1	K.IEGADSFMTK.Y		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7573	1113.5000	1113.5012	-0.0012	0	(27)	2.6	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7574	1113.5002	1113.5012	-0.0010	0	(49)	0.015	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7575	1113.5004	1113.5012	-0.0008	0	(45)	0.035	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7576	1113.5006	1113.5012	-0.0006	0	(22)	7.9	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7576	1113.5006	1113.5012	-0.0006	0	(33)	0.61	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7576	1113.5006	1113.5012	-0.0006	0	(49)	0.016	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7577	1113.5008	1113.5012	-0.0004	0	(54)	0.0043	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.7578	1113.5010	1113.5012	-0.0002	0	(45)	0.035	1	K.IEGADSFMTK.Y + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.8102	1113.6058	1113.6070	-0.0011	0	(35)	0.39	1	K.LVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		557.8104	1113.6062	1113.6070	-0.0007	0	(45)	0.039	1	K.LVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		570.2997	1138.5848	1138.5870	-0.0022	0	(47)	0.021	1	R.TGDSSLVAVYK.A		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		570.3004	1138.5862	1138.5870	-0.0008	0	(68)	0.00017	1	R.TGDSSLVAVYK.A		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		570.3005	1138.5864	1138.5870	-0.0006	0	(68)	0.00017	1	R.TGDSSLVAVYK.A		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		587.8139	1173.6132	1173.6142	-0.0010	0	(47)	0.026	1	R.LWQNTANK.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		587.8141	1173.6136	1173.6142	-0.0006	0	(42)	0.077	1	R.LWQNTANK.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		587.8143	1173.6140	1173.6142	-0.0002	0	(45)	0.042	1	R.LWQNTANK.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		588.7791	1177.5436	1177.5438	0.0001	0	(27)	2.4	1	K.KLGLWQETCK.S		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8575	1241.7094	1241.7019	-0.0015	1	(28)	2	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8578	1241.7010	1241.7019	-0.0009	1	(34)	0.5	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8580	1241.7014	1241.7019	-0.0005	1	(40)	0.13	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8580	1241.7014	1241.7019	-0.0005	1	(35)	0.41	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8581	1241.7016	1241.7019	-0.0003	1	(44)	0.055	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8582	1241.7018	1241.7019	-0.0001	1	(30)	1.2	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		621.8582	1241.7018	1241.7019	-0.0001	1	(35)	0.45	1	K.KVLYYTNK.T		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		477.5686	1429.6840	1429.6846	-0.0007	0	(39)	0.13	1	R.IPEHCLGFLGCK.K		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		715.8494	1429.6842	1429.6846	-0.0004	0	(60)	0.01	1	R.IPEHCLGFLGCK.K		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		715.8494	1429.6842	1429.6846	-0.0004	0	(62)	0.00073	1	R.IPEHCLGFLGCK.K		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		767.3100	1532.6054	1532.6049	0.0005	0	(84)	4.3e-06	1	K.YNGSSTTSCACGDK.C		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		828.4001	1654.7856	1654.7872	-0.0016	0	(85)	2.9e-06	1	K.ILENGNMVYDSSGKF + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		828.4003	1654.7860	1654.7872	-0.0012	0	(73)	5e-05	1	K.ILENGNMVYDSSGKF + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		828.4009	1654.7872	1654.7872	0.0000	0	(85)	3e-06	1	K.ILENGNMVYDSSGKF + Oxidation (M)		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		1144.0270	2286.0394	2286.0441	-0.0046	0	(93)	2.8e-07	1	R.VVNEGGYDYSPIENPDVR.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		1144.0280	2286.0414	2286.0441	-0.0026	0	(80)	5.8e-06	1	R.VVNEGGYDYSPIENPDVR.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		1144.0290	2286.0434	2286.0441	-0.0006	0	(61)	0.0043	1	R.VVNEGGYDYSPIENPDVR.G		
NP 178006		curculin-like (mannose-binding) lectin family protein	A. thaliana	810		1144.0290	2286.0434	2286.0441	-0.0006	0	(98)	9.4e-08	1	R.VVNEGGYDYSPIENPDVR.G		
6	NP 564120	AT1G20620	CAT3 catalase	A. thaliana	217	6	10	384.7215	767.4284	767.4290	-0.0005	0	36	0.24	1	R.LTHEIR.V
	NP 564120		CAT3 catalase	A. thaliana	217			400.2248	798.4350	798.4348	0.0003	1	24	5.3	6	R.ERIPER.V
	NP 564120		CAT3 catalase	A. thaliana	217			460.2223	918.4300	918.4294	0.0006	0	21	15	1	K.NLTDDEAK.V
	NP 564120		CAT3 catalase	A. thaliana	217			487.7562	973.4978	973.4981	-0.0003	0	22	8.4	1	R.FSTVHHER.A
	NP 564120		CAT3 catalase	A. thaliana	217			568.8433	1135.6720	1135.6714	0.0007	0	55	0.0042	1	R.APGQVTPVWR.F
	NP 564120		CAT3 catalase	A. thaliana	217			653.3431	1304.6716	1304.6725	-0.0008	0	60	0.0011	1	K.VYPTPTNYSIGR.T
7	CAA67157	AT1G70710	endo-1,4-beta-glucanase	A. thaliana	635	13	28	358.2299	714.4272	714.4276	-0.0003	0	30	1.7	4	K.NEHLK.A
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			363.2003	724.3860	724.3868	-0.0007	0	(12)	61	4	K.LPPDQRL
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			363.2826	724.5506	724.3868	0.1639	0	19	13	1	K.LPPDQRL
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			402.2074	802.4002	802.4007	-0.0005	0	(28)	2.8	2	K.TMGPELR.N
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			402.2075	802.4004	802.4007	-0.0003	0	(28)	2.9	1	K.TMGPELR.N
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			402.2075	802.4004	802.4007	-0.0003	0	(27)	3.4	1	K.TMGPELR.N
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			410.2048	818.3950	818.3956	-0.0006	0	(31)	1.4	3	K.TMGPELR.N + Oxidation (M)
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			410.2049	818.3952	818.3956	-0.0004	0	(24)	6.9	3	K.TMGPELR.N + Oxidation (M)
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			410.2049	818.3952	818.3956	-0.0004	0	(31)	1.3	3	K.TMGPELR.N + Oxidation (M)
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			410.2050	818.3954	818.3956	-0.0002	0	(31)	1.3	3	K.TMGPELR.N + Oxidation (M)
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			410.2050	818.3954	818.3956	-0.0002	0	(27)	3.4	3	K.TMGPELR.N + Oxidation (M)
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			412.7241	823.4336	823.4341	-0.0004	0	(35)	0.33	1	R.VFAFANR.Y
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			412.7241	823.4336	823.4341	-0.0004	0	(37)	0.21	1	R.VFAFANR.Y
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			412.7241	823.4336	823.4341	-0.0004	0	(46)	0.026	1	R.VFAFANR.Y
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			412.7242	823.4338	823.4341	-0.0002	0	(29)	1.5	2	R.VFAFANR.Y
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			412.7242	823.4338	823.4341	-0.0002	0	(43)	0.052	1	R.VFAFANR.Y
	CAA67157		endo-1,4-beta-glucanase	A. thaliana	635			447.7555	893.4964	893.4971	-0.0006	1	22	7.2	2	R.TVYKIDR.A

CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		447.7558	893.4970	893.4971	-0.0000	1	(10)	1.2e+02	6	R.TVYKIDR.A		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		499.2748	996.5350	996.5352	-0.0002	1	22	7.2	1	R.SGKLPDQRL		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		510.7369	1019.4592	1019.4600	-0.0007	0	28	2.2	1	K.AEYFESFK.Q		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		510.7370	1019.4594	1019.4600	-0.0005	0	(14)	55	2	K.AEYFESFK.Q		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		510.7372	1019.4598	1019.4600	-0.0001	0	(24)	5.8	2	K.AEYFESFK.Q		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		526.3159	1050.6172	1050.6186	-0.0013	0	48	0.019	1	K.HAGNVLSK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		526.3163	1050.6180	1050.6186	-0.0005	0	(33)	0.54	1	K.HAGNVLSK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		526.3163	1050.6180	1050.6186	-0.0005	0	(37)	0.24	1	K.HAGNVLSK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		526.3163	1050.6180	1050.6186	-0.0005	0	(40)	0.12	1	K.HAGNVLSK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		612.8400	1223.6654	1223.6662	-0.0008	1	59	0.0014	1	R.KSILFFEGQR.S		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		612.8404	1223.6662	1223.6662	0.0000	1	(53)	0.0049	1	R.KSILFFEGQR.S		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		799.9320	1597.8494	1597.8498	-0.0003	0	67	0.00018	1	K.VPFGELTASPSSLR.Q		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		853.9169	1705.8192	1705.8206	-0.0014	0	(63)	0.00046	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		589.6138	1705.8198	1705.8206	-0.0010	0	(15)	30	4	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		589.6138	1705.8198	1705.8206	-0.0010	0	(22)	8.5	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		853.9172	1705.8198	1705.8206	-0.0008	0	(48)	0.013	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		589.6140	1705.8202	1705.8206	-0.0004	0	(21)	7	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		589.6140	1705.8202	1705.8206	-0.0004	0	(26)	2.2	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		589.6141	1705.8205	1705.8206	-0.0001	0	(20)	8.6	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		853.9177	1705.8208	1705.8206	0.0002	0	67	0.00017	1	R.GSSVPSVAHPSHGCK.E		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		1030.9560	2059.8974	2059.8971	0.0004	0	88	1.3e-06	1	R.DGSSAGVDLGGYYDAGDNK.F		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		1030.9560	2059.8974	2059.8971	0.0004	0	(69)	9.4e-05	1	R.DGSSAGVDLGGYYDAGDNK.F		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		1030.9560	2059.8974	2059.8971	0.0004	0	(76)	2.3e-05	1	R.DGSSAGVDLGGYYDAGDNK.F		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		728.0461	2181.1165	2181.1178	-0.0013	0	(30)	0.58	1	R.AHPGSDVAGETAALAASIVFR.K		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		728.0462	2181.1168	2181.1178	-0.0010	0	(38)	0.1	1	R.AHPGSDVAGETAALAASIVFR.K		
CAA67157		endo-1,4-beta-glucanase	A. thaliana	635		1091.5670	2181.1194	2181.1178	0.0016	0	108	1e-08	1	R.AHPGSDVAGETAALAASIVFR.K		
8	NP_177294	AT1G71380	ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916	17	34	313.6845	625.3544	625.3548	-0.0003	0	(44)	0.037	1	R.SGPLPR.G
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(47)	0.017	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(37)	0.19	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(44)	0.037	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(44)	0.032	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(47)	0.019	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(47)	0.016	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(42)	0.049	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(39)	0.099	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(45)	0.029	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	49	0.011	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(38)	0.13	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(38)	0.13	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6845	625.3544	625.3548	-0.0003	0	(44)	0.036	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(40)	0.091	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(39)	0.099	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		313.6846	625.3546	625.3548	-0.0001	0	(47)	0.018	1	R.SGPLPR.G		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		365.2444	728.4742	728.4796	-0.0054	0	(27)	3.3	1	R.LLLATK.D		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		365.2469	728.4792	728.4796	-0.0004	0	37	0.33	1	R.LLLATK.D		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		437.7295	873.4444	873.4457	-0.0012	0	29	2.1	1	R.GQOISWR.A		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		505.2709	1008.5272	1008.5280	-0.0008	0	(32)	0.7	1	R.WATDYLLK.C		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		505.2712	1008.5278	1008.5280	-0.0002	0	33	0.53	1	R.WATDYLLK.C		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		505.2714	1008.5282	1008.5280	0.0002	0	(31)	0.96	1	R.WATDYLLK.C		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		508.7447	1015.4748	1015.4756	-0.0008	0	(66)	0.0034	1	R.MGPELENAR.V		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		508.7449	1015.4752	1015.4756	-0.0004	0	59	0.0016	1	R.MGPELENAR.V		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		508.7449	1015.4752	1015.4756	-0.0004	0	(65)	0.0047	1	R.MGPELENAR.V		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		508.7449	1015.4752	1015.4756	-0.0004	0	(68)	0.0023	1	R.MGPELENAR.V		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		508.7450	1015.4754	1015.4756	-0.0002	0	(64)	0.0059	1	R.MGPELENAR.V		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		515.7270	1029.4394	1029.4403	-0.0009	0	(37)	0.28	1	K.DSNFEQYK.Q		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		515.7272	1029.4398	1029.4403	-0.0005	0	(41)	0.11	1	K.DSNFEQYK.Q		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		515.7272	1029.4398	1029.4403	-0.0005	0	44	0.052	1	K.DSNFEQYK.Q		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		516.7421	1031.4696	1031.4706	-0.0009	0	(49)	0.019	1	R.MGPELENAR.V + Oxidation (M)		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		516.7421	1031.4696	1031.4706	-0.0009	0	(51)	0.011	1	R.MGPELENAR.V + Oxidation (M)		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		516.7423	1031.4700	1031.4706	-0.0005	0	(53)	0.0073	1	R.MGPELENAR.V + Oxidation (M)		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		516.7424	1031.4702	1031.4706	-0.0003	0	(42)	0.09	1	R.MGPELENAR.V + Oxidation (M)		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		516.7426	1031.4706	1031.4706	0.0001	0	(46)	0.031	1	R.MGPELENAR.V + Oxidation (M)		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		346.8604	1037.5594	1037.5618	-0.0024	0	(25)	3.2	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		519.7875	1037.5604	1037.5618	-0.0013	0	82	0.00064	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		346.8608	1037.5606	1037.5618	-0.0012	0	(13)	50	3	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		346.8608	1037.5606	1037.5618	-0.0012	0	(27)	2.3	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		519.7876	1037.5606	1037.5618	-0.0011	0	(49)	0.014	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		519.7876	1037.5606	1037.5618	-0.0011	0	(42)	0.073	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		346.8609	1037.5609	1037.5618	-0.0009	0	(22)	6.6	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		519.7878	1037.5610	1037.5618	-0.0007	0	(37)	0.24	3	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		519.7878	1037.5610	1037.5618	-0.0007	0	(62)	0.0065	1	R.ASSPISHALR.S		
NP_177294		ATCELS/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916		519.7878	103									

NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			346.8611	1037.5615	1037.5618	-0.0003	0	(27)	2.1	1	R.ASSLFPHALR.S	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			519.7885	1037.5624	1037.5618	0.0007	0	(36)	0.26	1	R.ASSLFPHALR.S	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			548.3008	1094.5870	1094.5873	-0.0002	0	46	0.026	1	K.SLLFFQGR.S	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			556.8082	1111.6018	1111.6026	-0.0007	0	(71)	8.4e-05	1	K.YAGAYLLSR.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			556.8082	1111.6018	1111.6026	-0.0007	0	(67)	0.0021	1	K.YAGAYLLSR.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			556.8086	1111.6026	1111.6026	0.0001	0	(68)	0.00018	1	K.YAGAYLLSR.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			556.8086	1111.6026	1111.6026	0.0001	0	75	3.5e-05	1	K.YAGAYLLSR.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			586.7955	1171.5764	1171.5768	-0.0003	1	(33)	0.54	1	K.RMGPELENAR.V	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			396.8643	1187.5711	1187.5717	-0.0006	1	(39)	0.16	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			594.7929	1187.5712	1187.5717	-0.0004	1	(15)	39	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			396.8644	1187.5714	1187.5717	-0.0003	1	39	0.15	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			594.7930	1187.5714	1187.5717	-0.0002	1	(23)	5.9	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			594.7931	1187.5716	1187.5717	-0.0000	1	(34)	0.5	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			396.8645	1187.5717	1187.5717	0.0000	1	(34)	0.45	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			594.7932	1187.5718	1187.5717	0.0002	1	(24)	4.4	1	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			396.8646	1187.5720	1187.5717	0.0003	1	(29)	1.6	3	K.RMGPELENAR.V + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			687.8663	1373.7180	1373.7191	-0.0010	0	(66)	0.0003	1	R.DVDYLDGNPK.M	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			687.8666	1373.7186	1373.7191	-0.0004	0	(61)	0.00082	1	R.DVDYLDGNPK.M	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			687.8666	1373.7186	1373.7191	-0.0004	0	71	8.3e-05	1	R.DVDYLDGNPK.M	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			706.8608	1411.7070	1411.7096	-0.0025	0	(46)	0.024	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			706.8608	1411.7070	1411.7096	-0.0025	0	(45)	0.035	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			471.5766	1411.7080	1411.7096	-0.0016	0	(34)	0.41	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			706.8613	1411.7080	1411.7096	-0.0015	0	47	0.021	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			706.8617	1411.7088	1411.7096	-0.0007	0	(39)	0.14	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			471.5769	1411.7089	1411.7096	-0.0007	0	(35)	0.35	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			471.5769	1411.7089	1411.7096	-0.0007	0	(38)	0.16	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			706.8618	1411.7090	1411.7096	-0.0005	0	(32)	0.58	1	K.LYVGVGDPNVH.C	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			765.9171	1529.8196	1529.8202	-0.0005	1	64	0.00042	1	K.RQVDYLDGNPK.M	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			510.9476	1529.8210	1529.8202	0.0008	1	(22)	5.8	3	K.RQVDYLDGNPK.M	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			715.3764	2143.1074	2143.1096	-0.0022	0	(68)	0.0012	1	K.HTFNCGSSVIVNALISL.SK.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1072.5610	2143.1074	2143.1096	-0.0021	0	(73)	3.4e-05	1	K.HTFNCGSSVIVNALISL.SK.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1072.5610	2143.1074	2143.1096	-0.0021	0	80	7.1e-06	1	K.HTFNCGSSVIVNALISL.SK.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			715.3766	2143.1080	2143.1096	-0.0016	0	(63)	0.0037	1	K.HTFNCGSSVIVNALISL.SK.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1072.5620	2143.1094	2143.1096	-0.0001	0	(77)	1.6e-05	1	K.HTFNCGSSVIVNALISL.SK.R	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1087.0270	2172.0394	2172.0409	-0.0014	0	(104)	2.8e-08	1	K.LLPDPSSSSTQYTGGLMYK.L	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1087.0280	2172.0414	2172.0409	0.0006	0	124	3e-10	1	K.LLPDPSSSSTQYTGGLMYK.L	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1095.0240	2188.0354	2188.0358	-0.0023	0	(93)	4.5e-07	1	K.LLPDPSSSSTQYTGGLMYK.L + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1095.0240	2188.0354	2188.0358	-0.0023	0	(91)	7e-07	1	K.LLPDPSSSSTQYTGGLMYK.L + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1095.0250	2188.0354	2188.0358	0.0003	0	(99)	1.2e-07	1	K.LLPDPSSSSTQYTGGLMYK.L + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			730.3529	2188.0366	2188.0368	0.0008	0	(38)	0.17	1	K.LLPDPSSSSTQYTGGLMYK.L + Oxidation (M)	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			876.3986	2626.1740	2626.1783	-0.0044	0	(52)	0.0035	1	R.ASSGLSDGSAHVDLTGGYYDAGDNV.K.F	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1314.0950	2626.1754	2626.1783	-0.0029	0	(56)	0.0013	1	R.ASSGLSDGSAHVDLTGGYYDAGDNV.K.F	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			876.3995	2626.1767	2626.1783	-0.0017	0	(55)	0.0017	1	R.ASSGLSDGSAHVDLTGGYYDAGDNV.K.F	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			876.4002	2626.1788	2626.1783	0.0004	0	(53)	0.0027	1	R.ASSGLSDGSAHVDLTGGYYDAGDNV.K.F	
NP 177294		ATCEL3/ATGH9B3 (Glycosyl Hydrolase 9B3)	A. thaliana	916			1314.0970	2626.1794	2626.1783	0.0011	0	57	0.0012	1	R.ASSGLSDGSAHVDLTGGYYDAGDNV.K.F	
9	NP 196455	AT5G08380	ATAGAL1 alpha-galactosidase 1	A. thaliana	536	11	27	300.8892	599.3638	599.3643	-0.0004	0	(17)	27	3	K.GSLVPK.K
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			300.8893	599.3640	599.3643	-0.0002	0	33	0.65	1	K.GSLVPK.K	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			300.8893	599.3640	599.3643	-0.0002	0	(24)	5.7	1	K.GSLVPK.K	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			383.6991	765.3836	765.3843	-0.0007	0	(18)	26	1	R.YPVMTR.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			383.6994	765.3842	765.3843	-0.0001	0	(17)	36	3	R.YPVMTR.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			391.6967	781.3788	781.3793	-0.0004	0	(28)	2.2	1	R.YPVMTR.A + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			391.6968	781.3790	781.3793	-0.0002	0	(20)	13	2	R.YPVMTR.A + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			391.6968	781.3790	781.3793	-0.0002	0	(21)	10	2	R.YPVMTR.A + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			391.6968	781.3790	781.3793	-0.0002	0	(18)	18	1	R.YPVMTR.A + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			391.6968	781.3790	781.3793	-0.0002	0	29	1.7	1	R.YPVMTR.A + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			391.6968	781.3790	781.3793	-0.0002	0	(26)	3.5	3	R.YPVMTR.A + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			451.7889	901.5632	901.5637	-0.0004	0	25	4.4	1	K.LYVLPV.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7760	963.5374	963.5389	-0.0015	1	(14)	58	7	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7764	963.5382	963.5389	-0.0007	1	(19)	19	1	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7766	963.5386	963.5389	-0.0003	1	(18)	21	2	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7766	963.5386	963.5389	-0.0003	1	(25)	4	1	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7766	963.5386	963.5389	-0.0003	1	(32)	0.84	1	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7767	963.5388	963.5389	-0.0001	1	(27)	2.5	1	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			482.7767	963.5388	963.5389	-0.0001	1	38	0.21	1	K.KSTFPSSGK.A	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			495.2559	988.4972	988.4978	-0.0005	0	50	0.013	1	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			330.5064	988.4974	988.4978	-0.0004	0	(17)	32	7	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			330.5064	988.4974	988.4978	-0.0004	0	(20)	16	1	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			495.2560	988.4974	988.4978	-0.0003	0	(27)	2.6	1	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			495.2560	988.4974	988.4978	-0.0003	0	(26)	3.9	1	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			495.2560	988.4974	988.4978	-0.0003	0	(46)	0.035	1	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			495.2560	988.4974	988.4978	-0.0003	0	(43)	0.068	1	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			330.5067	988.4983	988.4978	0.0005	0	(15)	43	2	K.AVADYHSK.G	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.7626	1033.5106	1033.5114	-0.0007	0	(22)	8.7	1	K.ETMEIVANK.E	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.7629	1033.5112	1033.5114	-0.0001	0	(23)	7.4	1	K.ETMEIVANK.E	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.7629	1033.5112	1033.5114	-0.0001	0	(17)	25	1	K.ETMEIVANK.E	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536												

NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			564.3156	1126.6166	1126.6169	-0.0002	0	44	0.043	1	K.AP.LLLGCDIR.N	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			767.8444	1533.6742	1533.6769	-0.0027	0	69	0.00012	1	K.T.MPGSLGYEEHDAKT	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			767.8462	1533.6778	1533.6769	-0.0009	0	(62)	0.00063	1	K.T.MPGSLGYEEHDAKT	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			775.8428	1549.6710	1549.6719	-0.0008	0	(68)	0.00017	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			775.8428	1549.6710	1549.6719	-0.0008	0	(68)	0.00017	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.5643	1549.6711	1549.6719	-0.0008	0	(18)	16	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.5643	1549.6711	1549.6719	-0.0008	0	(29)	1.2	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.5644	1549.6714	1549.6719	-0.0005	0	(20)	9.1	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			517.5645	1549.6717	1549.6719	-0.0002	0	(18)	16	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			775.8432	1549.6718	1549.6719	-0.0000	0	(49)	0.012	1	K.T.MPGSLGYEEHDAKT + Oxidation (M)	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			791.3658	1580.7170	1580.7181	-0.0010	0	74	3.4e-05	1	K.LGYSDAGYFTCSKT	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			806.8541	1611.6936	1611.6947	-0.0011	0	(60)	0.00088	1	K.YDNCNSDGSKPTVRY	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			806.8541	1611.6936	1611.6947	-0.0011	0	63	0.00052	1	K.YDNCNSDGSKPTVRY	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			538.2386	1611.6940	1611.6947	-0.0008	0	(27)	2	1	K.YDNCNSDGSKPTVRY	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			506.8543	1611.6940	1611.6947	-0.0007	0	(56)	0.0022	1	K.YDNCNSDGSKPTVRY	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			538.2387	1611.6943	1611.6947	-0.0005	0	(45)	0.031	1	K.YDNCNSDGSKPTVRY	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			538.2388	1611.6946	1611.6947	-0.0002	0	(48)	0.015	1	K.YDNCNSDGSKPTVRY	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			809.9291	1617.8436	1617.8475	-0.0038	0	80	1.1e-05	1	K.EVAINQDPHGVOAKK	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			540.2892	1617.8458	1617.8475	-0.0017	0	(30)	1.1	1	K.EVAINQDPHGVOAKK	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			809.9303	1617.8460	1617.8475	-0.0014	0	(67)	0.00019	1	K.EVAINQDPHGVOAKK	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			809.9305	1617.8464	1617.8475	-0.0010	0	(61)	0.00075	1	K.EVAINQDPHGVOAKK	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			540.2896	1617.8470	1617.8475	-0.0005	0	(33)	0.49	1	K.EVAINQDPHGVOAKK	
NP 196455		ATAGAL1 alpha-galactosidase 1	A. thaliana	536			809.9309	1617.8472	1617.8475	-0.0002	0	(67)	0.00018	1	K.EVAINQDPHGVOAKK	
9	NP 190481	AT3G049120	ATPERX34; peroxidase 34	A. thaliana	408	9	25	372.2419	742.4692	742.4701	-0.0008	0	(39)	0.16	1	R.IAASLR.L
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			372.2421	742.4696	742.4701	-0.0004	0	(33)	0.59	1	R.IAASLR.L
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			372.2422	742.4698	742.4701	-0.0002	0	(21)	11	6	R.IAASLR.L
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			372.2422	742.4698	742.4701	-0.0002	0	41	0.11	1	R.IAASLR.L
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			400.2207	798.4268	798.4276	-0.0007	0	(17)	26	7	K.YVYNLKE
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			400.2209	798.4272	798.4276	-0.0003	0	21	10	3	K.YVYNLKE
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			400.2210	798.4274	798.4276	-0.0001	0	(18)	19	2	K.YVYNLKE
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			402.2240	802.4334	802.4337	-0.0003	0	(17)	35	5	R.GFPVIDR.M
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			402.2241	802.4336	802.4337	-0.0001	0	(25)	5.4	2	R.GFPVIDR.M
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			402.2241	802.4336	802.4337	-0.0001	0	26	3.9	3	R.GFPVIDR.M
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			461.2369	920.4592	920.4604	-0.0011	0	(26)	4.5	1	R.TPTVFNK.Y
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			461.2372	920.4598	920.4604	-0.0005	0	(28)	2.6	1	R.TPTVFNK.Y
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			461.2373	920.4600	920.4604	-0.0003	0	33	0.96	1	R.TPTVFNK.Y
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			461.2373	920.4600	920.4604	-0.0003	0	(25)	5.1	1	R.TPTVFNK.Y
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			461.2374	920.4602	920.4604	-0.0001	0	(30)	1.6	1	R.TPTVFNK.Y
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			487.2691	872.5236	872.5240	-0.0003	0	33	0.63	1	R.ETINELR.S
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			487.2692	872.5238	872.5240	-0.0001	0	(30)	1.4	1	R.ETINELR.S
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			511.7356	1021.4566	1021.4577	-0.0011	0	(51)	0.012	1	K.DAFGNANSAR.G
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			511.7358	1021.4570	1021.4577	-0.0007	0	(57)	0.0029	1	K.DAFGNANSAR.G
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			511.7359	1021.4572	1021.4577	-0.0005	0	(52)	0.0098	1	K.DAFGNANSAR.G
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			511.7360	1021.4574	1021.4577	-0.0003	0	(45)	0.04	1	K.DAFGNANSAR.G
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			511.7360	1021.4574	1021.4577	-0.0003	0	59	0.0017	1	K.DAFGNANSAR.G
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			518.2770	1034.5394	1034.5397	-0.0002	0	52	0.0086	1	R.SALVDFDLR.T
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			787.9006	1573.7866	1573.7883	-0.0016	0	81	7.3e-06	1	R.MGNITPTTGTGGQIR.L
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			787.9009	1573.7872	1573.7883	-0.0010	0	(66)	0.00027	1	R.MGNITPTTGTGGQIR.L + Oxidation (M)
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			795.8977	1589.7808	1589.7832	-0.0023	0	(61)	0.0008	1	R.MGNITPTTGTGGQIR.L + Oxidation (M)
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			795.8979	1589.7812	1589.7832	-0.0019	0	(57)	0.0017	1	R.MGNITPTTGTGGQIR.L + Oxidation (M)
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			795.8984	1589.7822	1589.7832	-0.0009	0	(66)	0.00022	1	R.MGNITPTTGTGGQIR.L + Oxidation (M)
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			795.8985	1589.7824	1589.7832	-0.0007	0	(69)	0.00012	1	R.MGNITPTTGTGGQIR.L + Oxidation (M)
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			714.0427	2139.1063	2139.1073	-0.0010	0	62	0.00045	1	R.NVGLDRPSDLVLSGGHTFGK.N
	NP 190481		ATPERX34; peroxidase 34	A. thaliana	408			714.0427	2139.1063	2139.1073	-0.0010	0	(54)	0.003	1	R.NVGLDRPSDLVLSGGHTFGK.N
10	NP 567585	AT5G19410	pectinacetyltransferase	A. thaliana	295	8	20	354.1952	706.3758	706.3762	-0.0004	0	(17)	33	4	K.TVOGFR.D
	NP 567585		pectinacetyltransferase	A. thaliana	295			354.1955	706.3764	706.3762	0.0002	0	20	18	2	K.TVOGFR.D
	NP 567585		pectinacetyltransferase	A. thaliana	295			441.2638	880.5130	880.5130	0.0000	0	(36)	0.28	1	K.VVALHGSAS.K
	NP 567585		pectinacetyltransferase	A. thaliana	295			441.2639	880.5132	880.5130	0.0002	0	47	0.026	1	K.VVALHGSAS.K
	NP 567585		pectinacetyltransferase	A. thaliana	295			481.2544	960.4942	960.4950	-0.0008	0	45	0.049	1	R.AVVDDLMAK.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			489.2520	976.4894	976.4899	-0.0005	0	(37)	0.25	1	R.AVVDDLMAK.G + Oxidation (M)
	NP 567585		pectinacetyltransferase	A. thaliana	295			489.7498	977.4850	977.4852	-0.0001	0	17	30	1	K.SLPVSTSK.M
	NP 567585		pectinacetyltransferase	A. thaliana	295			514.2926	1026.5708	1026.5710	-0.0003	0	(29)	1.5	1	K.NVLAPTAVDK.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			514.2927	1026.5708	1026.5710	-0.0001	0	(30)	1.2	1	K.NVLAPTAVDK.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			514.2928	1026.5710	1026.5710	0.0001	0	33	0.68	1	K.NVLAPTAVDK.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			549.2848	1098.5550	1098.5553	-0.0003	0	51	0.0072	1	K.DFGFSGLGGK.Q
	NP 567585		pectinacetyltransferase	A. thaliana	295			549.2853	1098.5560	1098.5553	0.0007	0	(49)	0.016	1	K.DFGFSGLGGK.Q
	NP 567585		pectinacetyltransferase	A. thaliana	295			384.5430	1150.6072	1150.6095	-0.0023	0	(18)	26	2	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			384.5437	1150.6093	1150.6095	-0.0002	0	(22)	9.9	1	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			576.3120	1150.6094	1150.6095	-0.0000	0	(50)	0.015	1	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			384.5438	1150.6096	1150.6095	0.0001	0	(17)	27	4	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			576.3121	1150.6096	1150.6095	0.0002	0	(50)	0.014	1	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			576.3121	1150.6096	1150.6095	0.0002	0	52	0.01	1	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			384.5439	1150.6099	1150.6095	0.0004	0	(19)	20	2	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			576.3123	1150.6100	1150.6095	0.0006	0	(46)	0.035	1	R.ALSPVHSTPSR.G
	NP 567585		pectinacetyltransferase	A. thaliana	295			569.9307	1706.7703	1706.7723	-0.0020	0	32	0.06	1	K.GAVCLDGSAPAYHFDK.G
11	AAF69828	AT5G06870	PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	739	16	51	302.1765	602.3384	602.3388	-0.0003	0	(17)	57	6	R.IDLSR.N
	AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	739			302.1765	602.3384	602.3388	-0.0003	0	(28)	4.4	1	R.IDLSR.N
	AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	739	</										

	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			302.1766	602.3386	602.3388	-0.0001	0	(29)	3.6	1	R.IDLSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			302.1766	602.3386	602.3388	-0.0001	0	30	3	1	R.IDLSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			302.1767	602.3388	602.3388	0.0001	0	(18)	4.7	6	R.IDLSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			382.2263	762.4380	762.4388	-0.0008	0	(31)	1.5	2	K.NLTLR.L
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			382.2264	762.4382	762.4388	-0.0006	0	33	0.86	1	K.NLTLR.L
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			383.1976	764.3806	764.3817	-0.0010	0	(21)	12	6	K.GEYQRF.F
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			383.1979	764.3812	764.3817	-0.0004	0	(23)	7.9	2	K.GEYQRF.F
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			383.1980	764.3814	764.3817	-0.0002	0	24	5.9	5	K.GEYQRF.F
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			383.1981	764.3816	764.3817	-0.0000	0	(19)	18	4	K.GEYQRF.F
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			467.2658	932.5170	932.5179	-0.0008	1	(23)	7.2	1	K.DDKTTLK.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			467.2660	932.5174	932.5179	-0.0004	1	(16)	36	8	K.DDKTTLK.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			467.2660	932.5174	932.5179	-0.0004	1	(24)	6	2	K.DDKTTLK.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			467.2660	932.5174	932.5179	-0.0004	1	(20)	16	3	K.DDKTTLK.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			467.2660	932.5174	932.5179	-0.0004	1	25	4.4	2	K.DDKTTLK.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			467.2660	932.5174	932.5179	-0.0004	1	(22)	9.1	3	K.DDKTTLK.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			502.8160	1003.6174	1003.6178	-0.0004	1	43	0.068	1	K.KNLTFLR.L
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			534.7586	1067.5026	1067.5036	-0.0010	0	(42)	0.069	1	K.SLGNPQF.R.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			534.7590	1067.5034	1067.5036	-0.0002	0	54	0.0043	1	K.SLGNPQF.R.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			534.7590	1067.5034	1067.5036	-0.0002	0	(41)	0.081	1	K.SLGNPQF.R.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			534.7592	1067.5038	1067.5036	0.0002	0	(35)	0.31	1	K.SLGNPQF.R.I
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			562.3138	1102.6130	1102.6135	-0.0004	1	(31)	1.2	1	R.IPKGEYQRF.F
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			562.3144	1102.6142	1102.6135	0.0008	1	38	0.2	1	R.IPKGEYQRF.F
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			565.2705	1128.5264	1128.5274	-0.0009	0	(30)	1.2	1	R.MMFQDLSK.V
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			565.5172	1129.0198	1128.5274	0.4925	0	(29)	1.5	1	R.MMFQDLSK.V
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			573.2680	1144.5214	1144.5223	-0.0008	0	(31)	0.97	1	R.MMFQDLSK.V + Oxidation (M)
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			573.2682	1144.5218	1144.5223	-0.0004	0	(30)	1.1	1	R.MMFQDLSK.V + Oxidation (M)
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			573.2683	1144.5220	1144.5223	-0.0002	0	(31)	1	1	R.MMFQDLSK.V + Oxidation (M)
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			573.2683	1144.5220	1144.5223	-0.0002	0	39	0.15	1	R.MMFQDLSK.V + Oxidation (M)
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			575.8264	1149.6382	1149.6393	-0.0011	1	(45)	0.033	1	R.KLEVLELSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			575.8268	1149.6390	1149.6393	-0.0003	1	(35)	0.34	1	R.KLEVLELSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			384.2203	1149.6391	1149.6393	-0.0003	1	(31)	0.81	1	R.KLEVLELSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			575.8270	1149.6394	1149.6393	0.0001	1	45	0.033	1	R.KLEVLELSR.N
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			610.3387	1218.6628	1218.6608	0.0020	0	(39)	0.16	1	K.LGGDASILFGAK.K
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			610.5017	1218.9888	1218.9608	0.3280	0	46	0.032	1	K.LGGDASILFGAK.K
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			631.7878	1261.5610	1261.5617	-0.0007	0	(53)	0.0059	1	K.CLOGGAPLPSCK.-
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			631.7879	1261.5612	1261.5617	-0.0005	0	53	0.0055	1	K.CLOGGAPLPSCK.-
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			631.7880	1261.5614	1261.5617	-0.0003	0	(47)	0.023	1	K.CLOGGAPLPSCK.-
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			631.7881	1261.5616	1261.5617	-0.0001	0	(50)	0.012	1	K.CLOGGAPLPSCK.-
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			631.8317	1261.6488	1261.5617	0.0871	0	(14)	42	2	K.CLOGGAPLPSCK.-
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			646.2005	1290.5664	1290.5669	-0.0005	0	49	0.17	1	R.FDSVYFHNK.C
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			769.3976	1536.7806	1536.7824	-0.0018	0	(56)	0.0028	1	K.LTGPPIPESGTFSGK.V
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			769.3979	1536.7812	1536.7824	-0.0012	0	63	0.00053	1	K.LTGPPIPESGTFSGK.V
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			769.3982	1536.7818	1536.7824	-0.0006	0	(53)	0.0054	1	K.LTGPPIPESGTFSGK.V
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			919.5107	1837.0068	1837.0098	-0.0029	0	(56)	0.0027	1	K.VPSFLFHHNQLSGTIPK.S
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			919.5110	1837.0074	1837.0098	-0.0023	0	84	0.00039	1	K.VPSFLFHHNQLSGTIPK.S
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			613.3433	1837.0081	1837.0098	-0.0017	0	(41)	0.074	1	K.VPSFLFHHNQLSGTIPK.S
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			613.3434	1837.0084	1837.0098	-0.0014	0	(39)	0.13	1	K.VPSFLFHHNQLSGTIPK.S
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			613.3437	1837.0093	1837.0098	-0.0005	0	(38)	0.17	1	K.VPSFLFHHNQLSGTIPK.S
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			810.0567	2427.1483	2427.1488	-0.0006	0	42	0.046	1	K.TLNNLDMNHNGITGSPAWEK.A + Oxidation (M)
	AAF69828		PGIP2: polygalacturonase inhibiting protein 2	A. thaliana	739			1314.1620	2626.3094	2626.3126	-0.0031	0	100	5.3e-08	1	K.NLEVIDLSFNDLSGIPSSLSLR.K
11	CAA67362	AT4G37520	peroxidase ATP9a	A. thaliana	134	3	11	568.2909	1134.5672	1134.5669	0.0003	0	20	12	1	K.LPHPTDVK.N.L
	CAA67362		peroxidase ATP9a	A. thaliana	134			615.8105	1229.6064	1229.6074	-0.0010	0	(69)	0.00014	1	R.VAINMDPTTPR.Q + Oxidation (M)
	CAA67362		peroxidase ATP9a	A. thaliana	134			615.8107	1229.6068	1229.6074	-0.0006	0	77	2.5e-05	1	R.VAINMDPTTPR.Q + Oxidation (M)
	CAA67362		peroxidase ATP9a	A. thaliana	134			631.7881	1261.5616	1261.6514	-0.0897	0	(34)	0.43	2	R.LDGLSSTAASVGGK.L
	CAA67362		peroxidase ATP9a	A. thaliana	134			631.8317	1261.6488	1261.6514	-0.0026	0	37	0.22	1	R.LDGLSSTAASVGGK.L
21	NP_201217	AT5G64120	peroxidase, putative	A. thaliana	524	8	29	344.7028	687.3910	687.3915	-0.0005	0	(35)	0.54	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(34)	0.7	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(37)	0.37	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(31)	1.5	4	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(36)	0.53	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(39)	0.26	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(32)	1.1	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(37)	0.37	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(36)	0.43	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(32)	1.1	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(39)	0.26	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	39	0.26	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(39)	0.26	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(38)	0.26	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(36)	0.52	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(33)	0.96	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(34)	0.69	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7029	687.3912	687.3915	-0.0003	0	(38)	0.27	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			344.7030	687.3914	687.3915	-0.0001	0	(24)	6.8	1	RAETIVR.N
	NP_201217		peroxidase, putative	A. thaliana	524			370.2446	738.4746	738.4752	-0.0005	0	(21)	7.9	2	R.IAPGILR.M
	NP_201217		peroxidase, putative	A. thaliana	524			370.2447	738.4748	738.4752	-0.0003	0	(25)	2.8	2	R.IAPGILR.M
	NP_201217		peroxidase, putative	A. thaliana	524			370.2447	738.4748	738.4752	-0.0003	0	25	2.7	2	R.IAPGILR.M
	NP_201217		peroxidase, putative	A. thaliana	524			370.2448	738.4750	738.4752	-0.0001	0	(22)	6	6	R.IAPGILR.M
	NP_201217		peroxidase, putative	A. thaliana	524											

	NP_201217		peroxidase, putative	A. thaliana	524		614.3130	1226.6114	1226.6118	-0.0003	0	(69)	0.00014	1	R.IGFYLTTCPR.A
	NP_201217		peroxidase, putative	A. thaliana	524		614.3131	1226.6116	1226.6118	-0.0001	0	(69)	0.00014	1	R.IGFYLTTCPR.A
	NP_201217		peroxidase, putative	A. thaliana	524		617.7933	1233.5720	1233.5738	-0.0018	0	(56)	0.0028	1	R.NAVNAGFSSDPR.I
	NP_201217		peroxidase, putative	A. thaliana	524		617.7938	1233.5730	1233.5738	-0.0008	0	72	7e-05	1	R.NAVNAGFSSDPR.I
	NP_201217		peroxidase, putative	A. thaliana	524		617.7939	1233.5732	1233.5738	-0.0006	0	(65)	0.00037	1	R.NAVNAGFSSDPR.I
	NP_201217		peroxidase, putative	A. thaliana	524		617.7939	1233.5732	1233.5738	-0.0006	0	(61)	0.00083	1	R.NAVNAGFSSDPR.I
	NP_201217		peroxidase, putative	A. thaliana	524		617.7940	1233.5734	1233.5738	-0.0004	0	(63)	0.00064	1	R.NAVNAGFSSDPR.I
	NP_201217		peroxidase, putative	A. thaliana	524		705.3779	1408.7412	1408.7422	-0.0010	0	79	1.2e-05	1	R.VLSASNANNLPGPR.D
	NP_201217		peroxidase, putative	A. thaliana	524		705.3779	1408.7412	1408.7422	-0.0010	0	(78)	1.7e-05	1	R.VLSASNANNLPGPR.D
	NP_201217		peroxidase, putative	A. thaliana	524		705.3783	1408.7420	1408.7422	-0.0002	0	(76)	2.7e-05	1	R.VLSASNANNLPGPR.D
	NP_201217		peroxidase, putative	A. thaliana	524		950.9908	1899.9670	1899.9690	-0.0020	0	71	6.9e-05	1	R.TAGPNLNLQGFVIDNAK.T
	NP_201217		peroxidase, putative	A. thaliana	524		1014.5370	2027.0594	2027.0623	-0.0028	0	106	1.7e-08	1	R.DLVLVLGGHTIGTAGGVFR.N
	NP_201217		peroxidase, putative	A. thaliana	524		676.8956	2027.0650	2027.0623	0.0027	0	(65)	0.00021	1	R.DLVLVLGGHTIGTAGGVFR.N
22	NP_188048	AT3G14310	ATPME3; pectin methyltransferase 3	A. thaliana	865	16	374.2214	746.4282	746.4286	-0.0004	0	(58)	2.7	1	R.TIITGSR.N
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		374.2214	746.4282	746.4286	-0.0004	0	34	0.59	1	R.TIITGSR.N
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		374.2215	746.4284	746.4286	-0.0002	0	(23)	7.9	2	R.TIITGSR.N
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		386.7392	771.4638	771.4643	-0.0004	0	(26)	4	1	R.VYVHKA
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		386.7393	771.4640	771.4643	-0.0002	0	33	0.72	1	R.VYVHKA
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		386.7394	771.4642	771.4643	-0.0000	0	(18)	24	2	R.VYVHKA
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		386.7394	771.4642	771.4643	-0.0000	0	(16)	40	1	R.VYVHKA
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		394.7105	787.4076	787.4076	-0.0011	0	(29)	2.2	1	R.ENVEVAK.K
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		394.7109	787.4072	787.4076	-0.0003	0	38	0.3	1	R.ENVEVAK.K
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		394.7109	787.4072	787.4076	-0.0003	0	(23)	9.1	1	R.ENVEVAK.K
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		394.7111	787.4076	787.4076	0.0001	0	(29)	2.3	1	R.ENVEVAK.K
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		394.7111	787.4076	787.4076	0.0001	0	(27)	3.7	1	R.ENVEVAK.K
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		397.7349	793.4552	793.4559	-0.0006	0	(27)	2.9	1	K.HQAVLR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		397.7350	793.4554	793.4559	-0.0004	0	(35)	0.49	1	K.HQAVLR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		397.7350	793.4554	793.4559	-0.0004	0	40	0.15	1	K.HQAVLR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		397.7350	793.4554	793.4559	-0.0004	0	(36)	0.4	1	K.HQAVLR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		397.7351	793.4556	793.4559	-0.0002	0	(38)	0.23	1	K.HQAVLR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		438.7208	875.4270	875.4283	-0.0013	0	(29)	1.9	1	K.NMVTAGQR.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		438.7212	875.4278	875.4283	-0.0005	0	(31)	1.3	1	K.NMVTAGQR.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		438.7214	875.4282	875.4283	-0.0001	0	33	0.9	1	K.NMVTAGQR.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		501.2846	1000.5546	1000.5553	-0.0006	0	72	7.1e-05	1	K.VITAAEAQK.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		501.2847	1000.5548	1000.5553	-0.0004	0	(67)	0.00026	1	K.VITAAEAQK.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		501.2847	1000.5548	1000.5553	-0.0004	0	(67)	0.00026	1	K.VITAAEAQK.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		501.2849	1000.5552	1000.5553	-0.0000	0	(62)	0.00078	1	K.VITAAEAQK.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		536.7308	1071.4470	1071.4478	-0.0007	0	(28)	2.1	1	K.NIIMFGDGR.T + 2 Oxidation (M)
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		536.7310	1071.4474	1071.4478	-0.0003	0	(36)	0.29	1	K.NIIMFGDGR.T + 2 Oxidation (M)
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		536.7310	1071.4474	1071.4478	-0.0003	0	(39)	0.14	1	K.NIIMFGDGR.T + 2 Oxidation (M)
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		536.7310	1071.4474	1071.4478	-0.0003	0	40	0.12	1	K.NIIMFGDGR.T + 2 Oxidation (M)
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		559.8058	1117.5970	1117.5979	-0.0009	0	(70)	0.00014	1	R.IGATSDLSQV.G
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		559.8059	1117.5972	1117.5979	-0.0007	0	(69)	0.00015	1	R.IGATSDLSQV.G
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		559.8060	1117.5974	1117.5979	-0.0005	0	(70)	0.00014	1	R.IGATSDLSQV.G
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		559.8062	1117.5978	1117.5979	-0.0001	0	(46)	0.036	1	R.IGATSDLSQV.G
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		559.8062	1117.5978	1117.5979	-0.0001	0	(51)	0.0095	1	R.IGATSDLSQV.G
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		559.8062	1117.5978	1117.5979	-0.0001	0	72	7.8e-05	1	R.IGATSDLSQV.G
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		600.7790	1199.5414	1199.5427	-0.0013	1	24	5	1	K.KNIMFMGDGR.T + 2 Oxidation (M)
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		639.8192	1277.6238	1277.6252	-0.0013	0	(60)	0.012	1	R.DITFQNTAGPSK.H
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		639.8192	1277.6238	1277.6252	-0.0013	0	(58)	0.0021	1	R.DITFQNTAGPSK.H
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		639.8196	1277.6246	1277.6252	-0.0005	0	64	0.00044	1	R.DITFQNTAGPSK.H
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		639.8198	1277.6250	1277.6252	-0.0001	0	(51)	0.0098	1	R.DITFQNTAGPSK.H
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		639.8199	1277.6252	1277.6252	0.0001	0	(49)	0.015	1	R.DITFQNTAGPSK.H
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8139	1309.6132	1309.6150	-0.0018	0	(58)	0.0018	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8141	1309.6136	1309.6150	-0.0014	0	(63)	0.00065	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8145	1309.6144	1309.6150	-0.0006	0	(62)	0.00074	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8147	1309.6148	1309.6150	-0.0002	0	65	0.00037	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8148	1309.6150	1309.6150	0.0000	0	(44)	0.047	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8149	1309.6152	1309.6150	0.0002	0	(41)	0.094	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		655.8157	1309.6168	1309.6150	0.0018	0	(24)	4.5	1	K.KADATVAADGSGTFK.T
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		684.8101	1367.6056	1367.6066	-0.0009	0	(56)	0.0027	1	R.EYSNTGAGGATANKR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		684.8102	1367.6058	1367.6066	-0.0007	0	(52)	0.0058	1	R.EYSNTGAGGATANKR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		684.8103	1367.6060	1367.6066	-0.0005	0	(56)	0.0025	1	R.EYSNTGAGGATANKR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		684.8103	1367.6060	1367.6066	-0.0005	0	63	0.00047	1	R.EYSNTGAGGATANKR.V
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		707.3697	1412.7248	1412.7259	-0.0011	0	(55)	0.0038	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		707.3698	1412.7250	1412.7259	-0.0009	0	(69)	0.00015	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		707.3704	1412.7262	1412.7259	0.0003	0	71	0.0001	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		714.3774	1426.7402	1426.7416	-0.0014	0	(51)	0.0087	1	R.TDPNQNTGIVQK.C
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		714.3776	1426.7406	1426.7416	-0.0010	0	54	0.0044	1	R.TDPNQNTGIVQK.C
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		785.4200	1568.8254	1568.8270	-0.0016	1	60	0.00098	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		785.4201	1568.8256	1568.8270	-0.0014	1	(52)	0.0058	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		785.4202	1568.8258	1568.8270	-0.0012	1	(49)	0.012	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		785.4203	1568.8260	1568.8270	-0.0010	1	(52)	0.0054	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		523.9493	1568.8261	1568.8270	-0.0010	1	(42)	0.059	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		523.9493	1568.8261	1568.8270	-0.0010	1	(46)	0.025	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		523.9494	1568.8264	1568.8270	-0.0007	1	(44)	0.035	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		523.9495	1568.8267	1568.8270	-0.0004	1	(35)	0.28	1	K.TVAAWAAPENSINKR.Y
	NP_188048		ATPME3; pectin methyltransferase 3	A. thaliana	865		1009.5000	2016.9854	2016.9865	-0.0011	0	102	4.5e-08	2	R.NVVDGSTTFHSATVAAGVRF.F
	NP_1880														

	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1995	836.3844	836.3851	-0.0006	0	(26)	2.8	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1996	836.3846	836.3851	-0.0004	0	(21)	8.6	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1996	836.3846	836.3851	-0.0004	0	31	0.87	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1996	836.3846	836.3851	-0.0004	0	(25)	3.6	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1996	836.3846	836.3851	-0.0004	0	(29)	1.4	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1996	836.3846	836.3851	-0.0004	0	(25)	4.1	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1996	836.3846	836.3851	-0.0004	0	(24)	4.3	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			419.1997	836.3848	836.3851	-0.0002	0	(23)	5.7	1	R.VPCNYGKR
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			473.7891	945.5636	945.5647	-0.0011	0	39	0.22	1	K.KPNYLAIK.L
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			473.7895	945.5644	945.5647	-0.0003	0	(28)	3.3	1	K.KPNYLAIK.L
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			480.7786	959.5426	959.5440	-0.0014	0	(43)	0.066	1	K.VPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			480.7792	959.5438	959.5440	-0.0002	0	45	0.043	1	K.VPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			480.7792	959.5438	959.5440	-0.0002	0	(43)	0.071	1	K.VPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			497.2500	992.4854	992.4862	-0.0007	1	28	2	2	R.VPCNYGKR.N
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			522.7525	1043.4904	1043.4924	-0.0020	0	(39)	0.18	1	K.FTVTGGYDQK.T
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			522.7526	1043.4906	1043.4924	-0.0018	0	41	0.1	1	K.FTVTGGYDQK.T
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			536.2640	1070.5134	1070.5145	-0.0011	0	31	1.1	1	R.SHGAWATDK.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			536.2645	1070.5144	1070.5145	-0.0001	0	(19)	15	1	R.SHGAWATDK.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			536.2645	1070.5144	1070.5145	-0.0001	0	(30)	1.3	1	R.SHGAWATDK.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			536.2645	1070.5144	1070.5145	-0.0001	0	(28)	2	1	R.SHGAWATDK.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			557.2931	1112.5716	1112.5727	-0.0010	0	(48)	0.019	1	R.VLPANWNSGR.I
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			557.2936	1112.5726	1112.5727	-0.0000	0	52	0.0076	1	R.VLPANWNSGR.I
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			557.8181	1113.6216	1113.6216	0.0000	0	(21)	10	2	R.AMAKPVVGDYK.Y
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			565.8020	1129.5894	1129.6165	-0.0271	0	(22)	7.2	4	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			377.5458	1129.6156	1129.6165	-0.0010	0	(36)	0.32	2	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			565.8152	1129.6158	1129.6165	-0.0007	0	(24)	5.3	1	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			565.8152	1129.6158	1129.6165	-0.0007	0	(30)	1.3	2	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			565.8152	1129.6158	1129.6165	-0.0007	0	(44)	0.047	1	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			377.5460	1129.6162	1129.6165	-0.0004	0	(30)	1.3	1	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			565.8154	1129.6162	1129.6165	-0.0003	0	47	0.023	2	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			377.5461	1129.6165	1129.6165	-0.0001	0	(36)	0.35	2	R.AMAKPVVGDYK.Y + Oxidation (M)
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			603.8087	1205.6028	1205.6040	-0.0012	0	78	1.7e-05	1	K.OGVVDEYQVR.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			603.8091	1205.6036	1205.6040	-0.0004	0	(66)	0.0032	1	K.OGVVDEYQVR.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			603.8091	1205.6036	1205.6040	-0.0004	0	(63)	0.00055	1	K.OGVVDEYQVR.V
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			649.2730	1296.5314	1296.5340	-0.0025	0	55	0.0029	1	K.DGAGCGACFOVR.C
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			649.2738	1296.5330	1296.5340	-0.0009	0	(52)	0.0058	1	K.DGAGCGACFOVR.C
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			671.8888	2012.0446	2012.0480	-0.0034	1	(42)	0.045	1	R.SHGAWATDKVPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			1007.0300	2012.0454	2012.0480	-0.0025	1	(78)	1.3e-05	1	R.SHGAWATDKVPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			504.0197	2012.0457	2012.0480	0.0023	1	(12)	49	6	R.SHGAWATDKVPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			671.8893	2012.0461	2012.0480	-0.0019	1	(63)	0.00334	1	R.SHGAWATDKVPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			1007.0310	2012.0474	2012.0480	-0.0005	1	83	3.7e-06	1	R.SHGAWATDKVPTGALQKF.F
	NP_190182		ATEXL3 (EXPANSIN-LIKE A3)	A. thaliana	543			671.8898	2012.0476	2012.0480	-0.0004	1	(47)	0.013	1	R.SHGAWATDKVPTGALQKF.F
19	NP_195553	AT4G38400	ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505	12	36	453.7211	905.4276	905.4277	-0.0000	0	29	1.6	1	K.NPTLCSK.G
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			466.7638	931.5126	931.5127	-0.0000	0	(36)	0.35	1	K.NPNYLAIK.L
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			466.7638	931.5130	931.5127	0.0004	0	40	0.14	1	K.NPNYLAIK.L
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			476.7129	951.4112	951.4120	-0.0008	0	(28)	1.9	1	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			476.7130	951.4114	951.4120	-0.0006	0	35	0.39	1	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			528.7712	1055.5278	1055.5288	-0.0009	0	(33)	0.63	1	R.FVVATYDQK.M
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			528.7714	1055.5282	1055.5288	-0.0005	0	(32)	0.77	1	R.FVVATYDQK.M
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			528.7714	1055.5282	1055.5288	-0.0005	0	36	0.29	1	R.FVVATYDQK.M
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			528.7717	1055.5288	1055.5288	0.0001	0	(33)	0.64	1	R.FVVATYDQK.M
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			540.7607	1079.5068	1079.5070	-0.0001	1	(15)	45	2	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			540.7607	1079.5068	1079.5070	-0.0001	1	49	0.016	1	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			540.7608	1079.5070	1079.5070	0.0001	1	(33)	0.65	1	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			540.7608	1079.5070	1079.5070	0.0001	1	(35)	0.43	1	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			360.8431	1079.5075	1079.5070	0.0005	1	(22)	8.6	1	R.VPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			542.7933	1083.5720	1083.5713	0.0008	0	25	3.2	1	R.VLPANWEAG.S
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			550.2796	1098.5446	1098.5458	-0.0012	0	42	0.073	1	R.SHGAWVTDK.V
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			554.7635	1107.5124	1107.5131	-0.0007	1	(30)	1.4	1	R.RVPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			554.7639	1107.5132	1107.5131	0.0001	1	(32)	0.7	1	R.RVPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			554.7642	1107.5138	1107.5131	0.0007	1	35	0.38	1	R.RVPCDYGNK.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			372.2059	1113.5959	1113.5965	-0.0006	0	(29)	1.4	1	R.AMAKPVVGADR.D
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			557.8054	1113.5962	1113.5965	-0.0002	0	(29)	1.6	1	R.AMAKPVVGADR.D
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			557.8054	1113.5962	1113.5965	-0.0002	0	(27)	2.4	1	R.AMAKPVVGADR.D
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			557.8055	1113.5964	1113.5965	-0.0000	0	(44)	0.047	1	R.AMAKPVVGADR.D
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			557.8055	1113.5964	1113.5965	-0.0000	0	57	0.0028	1	R.AMAKPVVGADR.D
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			585.8026	1129.5906	1129.5914	-0.0007	0	(48)	0.018	1	R.AMAKPVVGADR.D + Oxidation (M)
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			585.8026	1129.5906	1129.5914	-0.0007	0	(49)	0.014	1	R.AMAKPVVGADR.D + Oxidation (M)
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			585.8027	1129.5908	1129.5914	-0.0005	0	(35)	0.39	1	R.AMAKPVVGADR.D + Oxidation (M)
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			377.5377	1129.5913	1129.5914	-0.0001	0	(44)	0.046	1	R.AMAKPVVGADR.D + Oxidation (M)
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			377.5377	1129.5913	1129.5914	-0.0001	0	(46)	0.032	1	R.AMAKPVVGADR.D + Oxidation (M)
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			565.8032	1129.5918	1129.5914	0.0005	0	(63)	0.0057	1	R.AMAKPVVGADR.D + Oxidation (M)
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			580.8292	1159.6438	1159.6449	-0.0010	0	53	0.0068	1	K.GTTVVTDLNT.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			580.8294	1159.6442	1159.6449	-0.0006	0	(48)	0.019	1	K.GTTVVTDLNT.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			580.8298	1159.6450	1159.6449	0.0002	0	(60)	0.014	1	K.GTTVVTDLNT.K
	NP_195553		ATEXL2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			597.7833	1193.5520							

	NP 195553		ATEXLA2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			528.6359	1582.8659	1582.8665	-0.0006	1	(24)	3.3	1	R.AMAKPVVGDARDLLK.Q
	NP 195553		ATEXLA2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			533.9669	1598.8789	1598.8814	-0.0025	1	(27)	2	1	R.AMAKPVVGDARDLLK.Q + Oxidation (M)
	NP 195553		ATEXLA2 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A2)	A. thaliana	505			533.9676	1598.8810	1598.8814	-0.0004	1	(16)	22	1	R.AMAKPVVGDARDLLK.Q + Oxidation (M)
19	NP 190183	AT3G045970	ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381	9	31	476.7129	951.4112	951.4120	-0.0008	0	(28)	1.9	1	R.VPCDYGNK.N
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			476.7130	951.4114	951.4120	-0.0006	0	35	0.39	1	R.VPCDYGNK.N
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			494.7471	987.4796	987.5502	-0.0705	0	(29)	1.6	1	K.VPTGAQIFR.F
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			494.7478	987.4810	987.5502	-0.0691	0	(31)	1.2	1	K.VPTGAQIFR.F
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			494.7480	987.4814	987.5502	-0.0687	0	(37)	0.24	1	K.VPTGAQIFR.F
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			494.7821	987.5496	987.5502	-0.0005	0	50	0.014	1	K.VPTGAQIFR.F
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			502.7921	1003.5696	1003.5702	-0.0005	0	25	4.6	7	K.KPNVLEIK.L
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			502.7922	1003.5698	1003.5702	-0.0003	0	(24)	5.5	5	K.KPNVLEIK.L
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			521.7634	1041.5122	1041.5131	-0.0009	0	(44)	0.041	1	R.FVVTGCGYDGM.M
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			521.7635	1041.5128	1041.5131	-0.0007	0	(41)	0.085	1	R.FVVTGCGYDGM.M
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			521.7637	1041.5128	1041.5131	-0.0003	0	54	0.0045	1	R.FVVTGCGYDGM.M
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			521.7638	1041.5130	1041.5131	-0.0001	0	(49)	0.014	1	R.FVVTGCGYDGM.M
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			550.2786	1098.5446	1098.5458	-0.0012	0	42	0.073	1	R.SHGVAWYTDK.V
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			550.8101	1099.6056	1099.6059	-0.0003	0	36	0.31	1	R.AMAKPVVGDADK.D
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			602.8336	1203.6526	1203.6533	-0.0007	0	47	0.022	1	K.GTIVMTDLNK.S
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			602.8337	1203.6528	1203.6533	-0.0005	0	(46)	0.032	1	K.GTIVMTDLNK.S
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			610.8310	1219.6474	1219.6482	-0.0008	0	(47)	0.022	1	K.GTIVMTDLNK.S + Oxidation (M)
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			649.2744	1296.5342	1296.5340	0.0003	0	52	0.007	1	K.DGAGCGACFOVR.C
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			649.2744	1296.5342	1296.5340	0.0003	0	(49)	0.011	1	K.DGAGCGACFOVR.C
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			649.2745	1296.5344	1296.5340	0.0005	0	(50)	0.011	1	K.DGAGCGACFOVR.C
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			523.9725	1568.8957	1568.8960	-0.0003	1	(35)	0.3	1	R.AMAKPVVGDADKLLK.Q
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			523.9725	1568.8957	1568.8960	-0.0003	1	41	0.075	1	R.AMAKPVVGDADKLLK.Q
	NP 190183		ATEXLA1 (ARABIDOPSIS THALIANA EXPANSIN-LIKE A1)	A. thaliana	381			523.9725	1568.8957	1568.8960	-0.0003	1	(40)	0.1	1	R.AMAKPVVGDADKLLK.Q
23	NP 172267	AT1G07890	APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364	8	42	388.2133	774.4120	774.4123	-0.0003	0	26	4.7	1	K.ELLSGEK.E
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			470.2210	938.4274	938.4280	-0.0006	0	65	0.0038	1	R.TGGPFGTMR.F + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			470.2212	938.4278	938.4280	-0.0002	0	(59)	0.0015	1	R.TGGPFGTMR.F + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			470.2212	938.4278	938.4280	-0.0002	0	(50)	0.012	1	R.TGGPFGTMR.F + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			470.2213	938.4280	938.4280	0.0000	0	(65)	0.0037	1	R.TGGPFGTMR.F + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			488.7383	975.4620	975.4630	-0.0009	0	(17)	28	1	K.NCAPIMVRL + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			488.7384	975.4622	975.4630	-0.0007	0	(19)	19	5	K.NCAPIMVRL + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			488.7389	975.4632	975.4630	0.0003	0	19	18	1	K.NCAPIMVRL + Oxidation (M)
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			551.3109	1100.6072	1100.6077	-0.0005	0	(44)	0.053	1	K.ELGLQLVSDKA
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			551.3109	1100.6072	1100.6077	-0.0005	0	46	0.029	1	K.ELGLQLVSDKA
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			417.2103	1248.6091	1248.6098	-0.0008	0	(14)	46	6	R.EDKQPPPPGRL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			625.3120	1248.6098	1248.6098	-0.0004	0	(29)	1.6	2	R.EDKQPPPPGRL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			625.3121	1248.6098	1248.6098	-0.0002	0	32	0.74	2	R.EDKQPPPPGRL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			417.2105	1248.6097	1248.6098	-0.0002	0	(12)	76	7	R.EDKQPPPPGRL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			417.2108	1248.6100	1248.6098	0.0001	0	(15)	41	6	R.EDKQPPPPGRL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			625.3123	1248.6100	1248.6098	0.0002	0	(24)	5.2	2	R.EDKQPPPPGRL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			672.3275	1342.6404	1342.6405	-0.0001	1	35	0.31	1	K.NYVTSDEYK.A
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			806.4583	1610.9020	1610.9032	-0.0011	0	(41)	0.068	1	K.ALLDDPVFRVLEK.Y
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			937.5750	1610.9032	1610.9032	-0.0000	0	(10)	84	9	K.ALLDDPVFRVLEK.Y
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			806.4592	1610.9038	1610.9032	0.0007	0	49	0.012	1	K.ALLDDPVFRVLEK.Y
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			636.3218	1905.9436	1905.9445	-0.0010	0	63	0.0038	1	R.FDAEQAHGANGSHIAL.RL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			477.4932	1905.9437	1905.9445	-0.0008	0	(13)	40	6	R.FDAEQAHGANGSHIAL.RL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			477.4932	1905.9437	1905.9445	-0.0008	0	(14)	28	1	R.FDAEQAHGANGSHIAL.RL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			636.3220	1905.9442	1905.9445	-0.0004	0	(52)	0.005	1	R.FDAEQAHGANGSHIAL.RL
	NP 172267		APXI (ASCORBATE PEROXIDASE 1)	A. thaliana	364			694.2906	2079.8500	2079.8520	-0.0020	0	28	2.3	1	K.YAEDAEFDADYAEAHMK.L + Oxidation (M)
24	NP 171792	AT1G02930	ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288	7	24	326.1766	650.3386	650.3388	-0.0003	0	(11)	1.1e+02	1	K.IFESR.A
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			326.1766	650.3386	650.3388	-0.0001	0	(22)	8.4	1	K.IFESR.A
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			326.1766	650.3386	650.3388	-0.0001	0	(16)	34	1	K.IFESR.A
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			326.1766	650.3386	650.3388	-0.0001	0	23	6.5	1	K.IFESR.A
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			326.1766	650.3386	650.3388	-0.0001	0	(23)	6.9	1	K.IFESR.A
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			452.2479	902.4812	902.4821	-0.0009	0	(40)	0.15	1	K.GNNLLSTGK.D
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			452.2482	902.4818	902.4821	-0.0003	0	43	0.069	1	K.GNNLLSTGK.D
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			461.7892	921.5638	921.5647	-0.0009	0	(45)	0.041	1	R.VLIAHEK.N
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			461.7894	921.5642	921.5647	-0.0005	0	(35)	0.37	1	R.VLIAHEK.N
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			461.7894	921.5642	921.5647	-0.0005	0	46	0.033	1	R.VLIAHEK.N
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			344.1818	1029.5236	1029.5243	-0.0008	0	(18)	24	5	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			515.7692	1029.5238	1029.5243	-0.0005	0	(42)	0.096	1	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			515.7692	1029.5238	1029.5243	-0.0005	0	(47)	0.029	1	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			515.7692	1029.5238	1029.5243	-0.0005	0	56	0.0031	1	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			515.7692	1029.5238	1029.5243	-0.0005	0	(45)	0.042	1	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			515.7693	1029.5240	1029.5243	-0.0003	0	(50)	0.015	1	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			344.1821	1029.5245	1029.5243	0.0001	0	(17)	30	6	K.VLDVYEHRL
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			517.2552	1032.4958	1032.4975	-0.0016	0	(35)	0.39	1	K.TVVEEAK.L
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			517.2558	1032.4970	1032.4975	-0.0004	0	(39)	0.16	1	K.TVVEEAK.L
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			517.2559	1032.4972	1032.4975	-0.0003	0	(28)	1.9	1	K.TVVEEAK.L
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			517.2559	1032.4972	1032.4975	-0.0003	0	42	0.088	1	K.TVVEEAK.L
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			360.2291	1077.6655	1077.6658	-0.0004	1	25	7.4	1	R.RVLIAHEK.N
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			539.8401	1077.6656	1077.6658	-0.0002	1	(20)	22	5	R.RVLIAHEK.N
	NP 171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			539								

	NP_171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			572.2987	1142.5828	1142.5833	-0.0004	0	(21)	8.6	2	K.VFGHPASTATR.R
	NP_171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			572.2987	1142.5828	1142.5833	-0.0004	0	(45)	0.042	1	K.VFGHPASTATR.R
	NP_171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			572.2988	1142.5830	1142.5833	-0.0002	0	(26)	2.8	1	K.VFGHPASTATR.R
	NP_171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			381.8683	1142.5831	1142.5833	-0.0002	0	(23)	6.2	1	K.VFGHPASTATR.R
	NP_171792		ATGSTF6 (Early Responsive to dehydration 11); glutathione transferase	A. thaliana	288			381.8683	1142.5831	1142.5833	-0.0002	0	(31)	0.95	1	K.VFGHPASTATR.R
25	CAA61411	AT4G11650	osmotin	A. thaliana	135	3	9	387.7213	773.4283	773.4283	-0.0003	0	40	0.19	1	R.LDVAAGTK.M
	CAA61411		osmotin	A. thaliana	135			387.7213	773.4280	773.4283	-0.0003	0	(39)	0.24	1	R.LDVAAGTK.M
	CAA61411		osmotin	A. thaliana	135			387.7214	773.4282	773.4283	-0.0001	0	(32)	1.3	1	R.LDVAAGTK.M
	CAA61411		osmotin	A. thaliana	135			387.7215	773.4284	773.4283	0.0001	0	(34)	0.78	1	R.LDVAAGTK.M
	CAA61411		osmotin	A. thaliana	135			389.2072	776.3998	776.4003	-0.0005	0	(22)	11	1	R.VVFCPR.S
	CAA61411		osmotin	A. thaliana	135			389.2074	776.4002	776.4003	-0.0001	0	25	5.5	1	R.VVFCPR.S
	CAA61411		osmotin	A. thaliana	135			579.2350	1156.4554	1156.4567	-0.0013	0	(47)	0.024	1	R.TNCFDSSGR.G
	CAA61411		osmotin	A. thaliana	135			579.2353	1156.4560	1156.4567	-0.0007	0	(49)	0.015	1	R.TNCFDSSGR.G
	CAA61411		osmotin	A. thaliana	135			579.2354	1156.4562	1156.4567	-0.0005	0	(55)	0.0034	1	R.TNCFDSSGR.G
	CAA61411		osmotin	A. thaliana	135			579.2354	1156.4562	1156.4567	-0.0005	0	(53)	0.0032	1	R.TNCFDSSGR.G
	CAA61411		osmotin	A. thaliana	135			579.2356	1156.4566	1156.4567	-0.0001	0	70	0.00013	1	R.TNCFDSSGR.G
26	NP_195585	AT4G38740	ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340	8	43	369.1823	736.3500	736.3504	-0.0003	0	26	5	1	R.TAENFRA
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			369.1823	736.3500	736.3504	-0.0003	0	(21)	18	3	R.TAENFRA
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			369.1824	736.3502	736.3504	-0.0001	0	(25)	7.3	1	R.TAENFRA
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			369.1824	736.3502	736.3504	-0.0001	0	(24)	8.5	1	R.TAENFRA
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			369.1826	736.3506	736.3504	0.0003	0	(21)	16	2	R.TAENFRA
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			543.2301	1084.4458	1084.4461	-0.0005	0	(39)	0.15	1	K.FEDENFER.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			543.2302	1084.4458	1084.4461	-0.0003	0	45	0.038	1	K.FEDENFER.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			543.2302	1084.4458	1084.4461	-0.0003	0	(42)	0.08	1	K.FEDENFER.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			543.2303	1084.4460	1084.4461	-0.0001	0	(43)	0.053	1	K.FEDENFER.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			556.2881	1110.5616	1110.5631	-0.0014	0	55	0.0033	1	R.VMELYTDK.T
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			564.2858	1126.5570	1126.5580	-0.0010	0	(44)	0.046	1	R.VMELYTDK.T + Oxidation (M)
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			564.2859	1126.5572	1126.5580	-0.0008	0	(49)	0.015	1	R.VMELYTDK.T + Oxidation (M)
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			564.2860	1126.5574	1126.5580	-0.0006	0	(54)	0.0044	1	R.VMELYTDK.T + Oxidation (M)
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			564.2862	1126.5578	1126.5580	-0.0002	0	(49)	0.015	1	R.VMELYTDK.T + Oxidation (M)
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			564.2878	1126.5510	1126.5580	0.0030	0	(28)	1.8	1	R.VMELYTDK.T + Oxidation (M)
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			599.3402	1196.6658	1196.6666	-0.0008	0	(22)	7.6	1	K.GVGTGKPLHF.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			599.3402	1196.6658	1196.6666	-0.0008	0	(32)	2.4	1	K.GVGTGKPLHF.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			599.3404	1196.6662	1196.6666	-0.0004	0	34	0.42	1	K.GVGTGKPLHF.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			607.2779	1212.5412	1212.5411	0.0002	1	22	7	1	K.FEDENFER.K
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			741.3865	1480.7584	1480.7596	-0.0011	1	26	3.6	1	R.VMELYTDK.TPR.T + Oxidation (M)
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			812.9559	1623.8972	1623.8985	-0.0012	0	95	2.5e-07	1	K.HVVFQGVVGLDVK.A
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			542.3071	1023.8995	1023.8995	0.0010	0	(30)	0.83	1	K.HVVFQGVVGLDVK.A
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			11037.0350	2072.0554	2072.0572	-0.0018	0	37	0.18	1	K.VSSSSGKTPVAVDCQGL.S.
	NP_195585		ROCI (rotamase CyP 1); peptidyl-prolyl cis-trans isomerase	A. thaliana	340			691.6927	2072.0563	2072.0572	-0.0010	0	(20)	7.3	1	K.VSSSSGKTPVAVDCQGL.S.
27	NP_190864	AT3G52960	peroxiredoxin type 2	A. thaliana	120	4	16	435.7449	869.4752	869.4766	-0.0007	0	(13)	57	1	K.HVPGFVSK.A
	NP_190864		peroxiredoxin type 2	A. thaliana	120			435.7451	869.4756	869.4760	-0.0003	0	(10)	1e+02	2	K.HVPGFVSK.A
	NP_190864		peroxiredoxin type 2	A. thaliana	120			435.7451	869.4756	869.4760	-0.0003	0	16	30	2	K.HVPGFVSK.A
	NP_190864		peroxiredoxin type 2	A. thaliana	120			470.7819	939.5492	939.5502	-0.0009	0	(21)	7.4	1	R.DPKPVLGVR.S
	NP_190864		peroxiredoxin type 2	A. thaliana	120			470.7822	939.5498	939.5502	-0.0003	0	(15)	35	9	R.DPKPVLGVR.S
	NP_190864		peroxiredoxin type 2	A. thaliana	120			470.7822	939.5498	939.5502	-0.0003	0	22	7	1	R.DPKPVLGVR.S
	NP_190864		peroxiredoxin type 2	A. thaliana	120			532.3029	1062.5912	1062.5921	-0.0009	0	(37)	0.22	1	K.TVTVSSLTAG.K
	NP_190864		peroxiredoxin type 2	A. thaliana	120			532.3029	1062.5912	1062.5921	-0.0009	0	52	0.0082	1	K.TVTVSSLTAG.K
	NP_190864		peroxiredoxin type 2	A. thaliana	120			532.3035	1062.5924	1062.5921	0.0003	0	(49)	0.016	1	K.TVTVSSLTAG.K
	NP_190864		peroxiredoxin type 2	A. thaliana	120			582.3187	1162.6228	1162.6234	-0.0005	0	31	1	2	R.VAILADGVVK.V
13	AAM67072	AT1G75750	GAST1-like protein	A. thaliana	438	7	46	524.1934	1046.3722	1046.3732	-0.0010	0	(20)	18	8	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1935	1046.3724	1046.3732	-0.0008	0	(33)	0.78	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1935	1046.3724	1046.3732	-0.0008	0	(35)	0.55	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(23)	7.5	4	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(26)	4.4	5	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(34)	0.6	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(41)	0.14	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(28)	2.8	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(33)	0.86	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1936	1046.3726	1046.3732	-0.0006	0	(36)	0.45	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(28)	2.5	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(19)	18	10	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(39)	0.21	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(36)	0.36	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(27)	3	4	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(32)	0.94	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(34)	0.59	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	41	0.14	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(34)	0.58	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1937	1046.3728	1046.3732	-0.0004	0	(29)	1.9	1	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1938	1046.3730	1046.3732	-0.0002	0	(17)	30	9	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			524.1938	1046.3730	1046.3732	-0.0002	0	(33)	0.77	2	R.ACGTCYR.C
	AAM67072		GAST1-like protein	A. thaliana	438			554.7467	1107.4788	1107.4801	-0.0013	0	(75)	4.2e-05	1	K.IDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			554.7469	1107.4792	1107.4801	-0.0009	0	75	4.2e-05	1	K.IDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			554.7471	1107.4796	1107.4801	-0.0005	0	(73)	5.7e-05	1	K.IDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			554.7471	1107.4796	1107.4801	-0.0005	0	(74)	4.8e-05	1	K.IDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			554.7471	1107.4796	1107.4801	-0.0005	0	(74)	4.7e-05	1	K.IDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			561.7549	1121.4952	1121.4958	-0.0005	0	(49)	0.014	1	K.IDCASACVAR.C

	AAM67072		GAST1-like protein	A. thaliana	438			618.7943	1235.5740	1235.5751	-0.0010	1	(63)	0.0055	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			618.7944	1235.5742	1235.5751	-0.0008	1	(64)	0.0051	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			412.8654	1235.5744	1235.5751	-0.0007	1	(37)	0.24	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			412.8654	1235.5744	1235.5751	-0.0007	1	(37)	0.21	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			618.7946	1235.5746	1235.5751	-0.0004	1	(27)	2.3	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			618.7946	1235.5746	1235.5751	-0.0004	1	(63)	0.0054	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			618.7946	1235.5746	1235.5751	-0.0004	1	56	0.0031	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			412.8657	1235.5753	1235.5751	0.0002	1	(18)	19	2	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			412.8657	1235.5753	1235.5751	0.0002	1	(38)	0.2	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			412.8657	1235.5753	1235.5751	0.0002	1	(37)	0.24	1	K.KIDCGSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			413.1934	1236.5584	1236.5380	0.0204	0	(18)	20	7	K.IDCWSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			413.1935	1236.5587	1236.5380	0.0207	0	36	0.29	1	K.IDCWSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			413.1935	1236.5587	1236.5380	0.0207	0	(36)	0.29	1	K.IDCWSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			413.1938	1236.5596	1236.5380	0.0216	0	(21)	10	5	K.IDCWSACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			525.8021	1249.5896	1249.5907	-0.0011	1	28	1.8	1	K.KIDCASACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			647.3043	1282.5940	1282.5965	-0.0025	1	7	2.6e+02	8	K.KIDCASACVAR.C
	AAM67072		GAST1-like protein	A. thaliana	438			504.2220	1509.6442	1509.6453	-0.0011	0	(44)	0.048	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			755.8294	1509.6442	1509.6453	-0.0010	0	(67)	0.0023	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			755.8294	1509.6442	1509.6453	-0.0010	0	80	0.0012	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			755.8295	1509.6444	1509.6453	-0.0008	0	(69)	0.0014	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			504.2221	1509.6445	1509.6453	-0.0008	0	(62)	0.0075	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			504.2221	1509.6445	1509.6453	-0.0008	0	(65)	0.0038	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			755.8298	1509.6450	1509.6453	-0.0002	0	(65)	0.0032	1	K.COCYASLTHGGR.R
	AAM67072		GAST1-like protein	A. thaliana	438			822.8421	1643.6696	1643.6708	-0.0012	0	(47)	0.02	1	R.CNCPVPGTYGNYDK.C
	AAM67072		GAST1-like protein	A. thaliana	438			822.8423	1643.6700	1643.6708	-0.0008	0	56	0.0024	1	R.CNCPVPGTYGNYDK.C
	AAM67072		GAST1-like protein	A. thaliana	438			822.8425	1643.6704	1643.6708	-0.0004	0	(15)	27	1	R.CNCPVPGTYGNYDK.C
	AAM67072		GAST1-like protein	A. thaliana	438			822.8425	1643.6704	1643.6708	-0.0004	0	(40)	0.098	1	R.CNCPVPGTYGNYDK.C
14	NP_178321	AT2G02130	LCR68/PDF2.3 (Low-molecular-weight cysteine-rich 68); protease inhibitor	A. thaliana	117	2	31	786.9957	2357.9653	2357.9689	-0.0036	0	(62)	0.0034	1	K.GPCVSTHNCANVCHNEGFGGGK.C
	NP_178321		LCR68/PDF2.3 (Low-molecular-weight cysteine-rich 68); protease inhibitor	A. thaliana	117			786.9970	2357.9662	2357.9689	0.0003	0	59	0.0083	1	K.GPCVSTHNCANVCHNEGFGGGK.C
	NP_178321		LCR68/PDF2.3 (Low-molecular-weight cysteine-rich 68); protease inhibitor	A. thaliana	117			590.4998	2357.9701	2357.9689	0.0012	0	(12)	35	1	K.GPCVSTHNCANVCHNEGFGGGK.C
	NP_178321		LCR68/PDF2.3 (Low-molecular-weight cysteine-rich 68); protease inhibitor	A. thaliana	117			659.2899	2633.1305	2633.1322	-0.0017	1	(37)	0.11	1	R.FKGPCVSTHNCANVCHNEGFGGGK.C
	NP_178321		LCR68/PDF2.3 (Low-molecular-weight cysteine-rich 68); protease inhibitor	A. thaliana	117			659.2899	2633.1305	2633.1322	-0.0017	1	(38)	0.086	1	R.FKGPCVSTHNCANVCHNEGFGGGK.C
	NP_178321		LCR68/PDF2.3 (Low-molecular-weight cysteine-rich 68); protease inhibitor	A. thaliana	117			878.7176	2633.1310	2633.1322	-0.0013	1	58	0.00076	1	R.FKGPCVSTHNCANVCHNEGFGGGK.C
14	NP_178319	AT2G02100	LCR69/PDF2.2 (Low-molecular-weight cysteine-rich 69); protease inhibitor	A. thaliana	108	2	41	450.2020	898.3894	898.3902	-0.0007	1	(18)	17	3	R.RFCFCTR.H
	NP_178319		LCR69/PDF2.2 (Low-molecular-weight cysteine-rich 69); protease inhibitor	A. thaliana	108			450.2021	898.3896	898.3902	-0.0005	1	(17)	21	4	R.RFCFCTR.H
	NP_178319		LCR69/PDF2.2 (Low-molecular-weight cysteine-rich 69); protease inhibitor	A. thaliana	108			450.2023	898.3900	898.3902	-0.0001	1	19	15	4	R.RFCFCTR.H
	NP_178319		LCR69/PDF2.2 (Low-molecular-weight cysteine-rich 69); protease inhibitor	A. thaliana	108			968.0801	2901.2185	2901.2164	0.0021	1	90	5.1e-07	1	R.FKPGTCVSNANVCHNEGFVGGNCR.G
	NP_178319		LCR69/PDF2.2 (Low-molecular-weight cysteine-rich 69); protease inhibitor	A. thaliana	108			726.3120	2901.2189	2901.2164	0.0025	1	(54)	0.0019	1	R.FKPGTCVSNANVCHNEGFVGGNCR.G
14	NP_188456	AT3G18280	protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103	4	31	446.2372	890.4598	890.4610	-0.0012	0	(58)	0.40	1	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			446.2375	890.4604	890.4610	-0.0006	0	35	0.44	1	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			446.2375	890.4604	890.4610	-0.0006	0	(34)	0.64	1	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			446.2377	890.4608	890.4610	-0.0002	0	(28)	2.2	1	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			485.7792	969.5438	969.5430	0.0009	1	16	29	3	K.SCKLPPR.C
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			524.2872	1046.5598	1046.5621	-0.0023	1	36	0.44	1	R.RFVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			524.2878	1046.5610	1046.5621	-0.0011	1	(31)	1.3	1	R.RFVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			524.2878	1046.5610	1046.5621	-0.0011	1	(35)	0.46	1	R.RFVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			524.2880	1046.5614	1046.5621	-0.0007	1	(32)	0.96	2	R.RFVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			524.2881	1046.5616	1046.5621	-0.0005	1	(21)	13	4	R.RFVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			524.2887	1046.5628	1046.5621	0.0007	1	(17)	31	6	R.RFVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	103			576.2777	1725.8113	1725.8113	-0.0000	1	16	22	1	K.LKEORPCLCYMR.N + Oxidation (M)
29	NP_179235	AT2G16430	ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877	20	53	322.1635	642.3124	642.3125	-0.0001	0	(19)	16	1	K.YSAFR.E
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			322.1635	642.3124	642.3125	-0.0001	0	23	7.5	1	K.YSAFR.E
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			322.1635	642.3124	642.3125	-0.0001	0	(21)	10	1	K.YSAFR.E
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			322.1635	642.3124	642.3125	-0.0001	0	(18)	22	1	K.YSAFR.E
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			403.6825	805.3504	805.3507	-0.0003	0	(20)	17	1	R.WDSWGR.F
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			403.6825	805.3504	805.3507	-0.0003	0	(19)	23	1	R.WDSWGR.F
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			403.6826	805.3506	805.3507	-0.0001	0	20	15	1	R.WDSWGR.F
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			415.7074	829.4002	829.4004	-0.0001	0	(19)	27	1	K.MTEPQPK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			415.7074	829.4002	829.4004	-0.0001	0	26	5.7	1	K.MTEPQPK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			415.7074	829.4002	829.4004	-0.0001	0	(19)	27	1	K.MTEPQPK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			415.7074	829.4002	829.4004	-0.0001	0	(19)	24	1	K.MTEPQPK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			415.7076	829.4006	829.4004	0.0003	0	(18)	34	1	K.MTEPQPK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			441.7135	881.4124	881.4130	-0.0006	0	(18)	17	1	R.NLEVDTK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			441.7135	881.4124	881.4130	-0.0006	0	(23)	6.1	1	R.NLEVDTK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			441.7138	881.4126	881.4130	-0.0004	0	(21)	9.5	1	R.NLEVDTK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			441.7138	881.4126	881.4130	-0.0004	0	(23)	6.1	1	R.NLEVDTK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			441.7138	881.4126	881.4130	-0.0004	0	24	3.9	1	R.NLEVDTK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			441.7137	881.4128	881.4130	-0.0002	0	(20)	11	2	R.NLEVDTK.Y
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			466.7076	931.4006	931.4010	-0.0004	0	34	0.54	1	R.MWFYNR.F + Oxidation (M)
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			466.7076	931.4006	931.4010	-0.0004	0	(30)	1.3	1	R.MWFYNR.F + Oxidation (M)
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			466.7076	931.4006	931.4010	-0.0004	0	(32)	0.83	1	R.MWFYNR.F + Oxidation (M)
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			466.7077	931.4008	931.4010	-0.0002	0	(34)	0.56	1	R.MWFYNR.F + Oxidation (M)
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			582.7756	1163.5366	1163.5373	-0.0007	0	(31)	1.2	1	R.THAYGWHR.N
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			388.8529	1163.5369	1163.5373	-0.0004	0	(36)	0.35	1	R.THAYGWHR.N
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			582.7759	1163.5372	1163.5373	-0.0001	0	(38)	0.21	1	R.THAYGWHR.N
	NP_179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877											

NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7676	1231.5206	1231.5218	-0.0011	0	42	0.083	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7677	1231.5208	1231.5218	-0.0009	0	(33)	0.53	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7678	1231.5210	1231.5218	-0.0007	0	(34)	0.45	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7678	1231.5210	1231.5218	-0.0007	0	(35)	0.42	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			411.5143	1231.5211	1231.5218	-0.0007	0	(25)	3.5	2	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7679	1231.5212	1231.5218	-0.0005	0	(29)	1.4	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7679	1231.5212	1231.5218	-0.0005	0	(40)	0.11	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			411.5144	1231.5214	1231.5218	-0.0004	0	(26)	2.7	2	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			616.7680	1231.5214	1231.5218	-0.0003	0	(30)	1.3	1	R.NHDGYAVEGDR.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			436.2305	1305.6997	1305.6717	-0.0021	0	(10)	1e+02	6	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			653.8423	1305.6700	1305.6717	-0.0017	0	(49)	0.013	1	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			436.2309	1305.6709	1305.6717	-0.0008	0	(7)	2.4e+02	10	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			653.8428	1305.6710	1305.6717	-0.0007	0	(39)	0.13	1	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			653.8429	1305.6712	1305.6717	-0.0005	0	(50)	0.011	1	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			653.8433	1305.6720	1305.6717	0.0003	0	(38)	0.17	1	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			653.8433	1305.6720	1305.6717	0.0003	0	(42)	0.076	1	R.EASF6HAFISIK.N	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			685.8711	1329.7278	1329.7292	-0.0016	0	(55)	0.0032	1	K.AVIVSWYTOEAK.G	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			685.8716	1329.7285	1329.7292	-0.0006	0	(62)	0.00064	1	K.AVIVSWYTOEAK.G	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			685.8724	1329.7302	1329.7292	0.0010	0	(54)	0.0044	1	K.AVIVSWYTOEAK.G	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			685.8725	1329.7304	1329.7292	0.0012	0	83	0.00053	1	K.AVIVSWYTOEAK.G	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			724.3635	1446.7124	1446.7143	-0.0019	0	(51)	0.0088	1	K.YVVVLGVGQTER.K	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			724.3640	1446.7134	1446.7143	-0.0009	0	84	0.00046	1	K.YVVVLGVGQTER.K	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			744.8533	1487.6920	1487.6933	-0.0012	0	(47)	0.02	1	R.SGSEFPFYWSIK.R	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			744.8534	1487.6922	1487.6933	-0.0010	0	50	0.012	1	R.SGSEFPFYWSIK.R	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			744.8535	1487.6924	1487.6933	-0.0008	0	(48)	0.016	1	R.SGSEFPFYWSIK.R	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			774.3140	1546.6134	1546.6147	-0.0013	0	(31)	0.69	1	R.FWHVPDPSFCNS.-	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			774.3143	1546.6140	1546.6147	-0.0007	0	33	0.42	1	R.FWHVPDPSFCNS.-	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			774.3144	1546.6142	1546.6147	-0.0005	0	(30)	0.89	1	R.FWHVPDPSFCNS.-	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			533.6071	1597.7995	1597.8001	-0.0007	0	21	8	1	K.VDVVFAGHVHVER.S	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			915.0008	1827.9870	1827.9883	-0.0012	1	72	6.6e-05	1	K.RGPAYIVLASYSAGK.Y	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			915.0009	1827.9872	1827.9883	-0.0010	1	(62)	0.00066	1	K.RGPAYIVLASYSAGK.Y	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			610.3364	1827.9874	1827.9883	-0.0009	1	(33)	0.54	1	K.RVSNIAVWNGICTPKV.D	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			924.4871	1846.9596	1846.9611	-0.0015	0	70	8.1e-05	1	R.VSNIAVWNGICTPKV.D	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			924.4886	1846.9626	1846.9611	0.0015	0	(61)	0.0006	1	R.VSNIAVWNGICTPKV.D	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			929.4384	1856.8622	1856.8621	0.0002	0	(47)	0.036	1	K.YTPOYQWLEEFFP.V	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			929.4391	1856.8636	1856.8621	0.0016	0	56	0.0039	1	K.YTPOYQWLEEFFP.V	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			1110.0600	2218.1054	2218.1117	-0.0063	0	(64)	0.00027	1	K.DQSPAPYITIGDGNIEGLATK.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			1110.0620	2218.1094	2218.1117	-0.0023	0	(65)	0.00023	1	K.DQSPAPYITIGDGNIEGLATK.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			1110.0630	2218.1114	2218.1117	0.0003	0	(66)	0.00017	1	K.DQSPAPYITIGDGNIEGLATK.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			740.3781	2218.1125	2218.1117	0.0007	0	71	4.7e-05	1	K.DQSPAPYITIGDGNIEGLATK.M	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			766.3702	2296.0888	2296.0907	-0.0019	0	42	0.04	1	R.PPCYGNAPQOIVHTGDVEGK.A	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			766.3702	2296.0888	2296.0907	-0.0019	0	(34)	0.24	1	R.PPCYGNAPQOIVHTGDVEGK.A	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			766.3703	2296.0891	2296.0907	-0.0016	0	(31)	0.47	1	R.PPCYGNAPQOIVHTGDVEGK.A	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			766.3705	2296.0897	2296.0907	-0.0010	0	(40)	0.055	1	R.PPCYGNAPQOIVHTGDVEGK.A	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			870.4169	2608.2289	2608.2306	-0.0018	1	(75)	1.8e-05	1	K.GQAVLFGVDSIADYTPHDNRN.R	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			870.4169	2608.2289	2608.2306	-0.0018	1	76	1.3e-05	1	K.GQAVLFGVDSIADYTPHDNRN.R	
NP 179235		ATPAP10/PAP10; acid phosphatase/ protein serine/threonine phosphatase	A. thaliana	877			653.0652	2608.2317	2608.2306	0.0011	1	(62)	0.0036	1	K.GQAVLFGVDSIADYTPHDNRN.R	
30	AAF69828	AT5G06870	GP2; polygalacturonase inhibiting protein 2	A. thaliana	831	16	55	302.1764	602.3382	602.3388	-0.0005	0	(32)	2	1	R.IDLSR.N
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			302.1765	602.3384	602.3388	-0.0003	0	(28)	4.8	1	R.IDLSR.N	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			302.1765	602.3384	602.3388	-0.0003	0	(26)	6.7	1	R.IDLSR.N	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			302.1765	602.3384	602.3388	-0.0003	0	(25)	8.4	1	R.IDLSR.N	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			302.1765	602.3384	602.3388	-0.0003	0	32	1.9	1	R.IDLSR.N	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			302.1766	602.3386	602.3388	-0.0001	0	(25)	8.8	1	R.IDLSR.N	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			382.2265	762.4384	762.4388	-0.0004	0	(31)	1.3	1	K.NLTLR.L	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			382.2267	762.4388	762.4388	0.0000	0	(29)	2	1	K.NLTLR.L	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			382.2270	762.4394	762.4388	0.0006	0	32	1.1	2	K.NLTLR.L	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			383.1978	764.3810	764.3817	-0.0006	0	(24)	6.5	1	K.GEYQRF.F	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			383.1980	764.3814	764.3817	-0.0002	0	(22)	9.2	2	K.GEYQRF.F	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			383.1981	764.3816	764.3817	-0.0000	0	27	3.4	2	K.GEYQRF.F	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			383.1982	764.3818	764.3817	0.0002	0	(23)	7.4	5	K.GEYQRF.F	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			383.1983	764.3820	764.3817	0.0004	0	(22)	8.9	3	K.GEYQRF.F	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			467.2656	932.5166	932.5179	-0.0012	1	(23)	7	2	K.DDKTTLK.I	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			467.2658	932.5170	932.5179	-0.0008	1	27	3	1	K.DDKTTLK.I	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			511.7795	1021.5444	1021.5444	0.0001	0	49	0.017	1	K.LEVLELSR.N	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7585	1067.5024	1067.5036	-0.0012	0	(27)	2.1	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7586	1067.5026	1067.5036	-0.0010	0	56	0.0028	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7587	1067.5028	1067.5036	-0.0008	0	(40)	0.1	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7587	1067.5028	1067.5036	-0.0008	0	(43)	0.051	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7588	1067.5030	1067.5036	-0.0006	0	(41)	0.077	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7589	1067.5032	1067.5036	-0.0004	0	(25)	3.5	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			534.7590	1067.5034	1067.5036	-0.0002	0	(54)	0.0042	1	K.SLGNPQFY.R	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			565.2707	1128.5268	1128.5274	-0.0005	0	(34)	0.43	1	R.MMFQDLSK.V	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			565.2708	1128.5270	1128.5274	-0.0003	0	(37)	0.23	1	R.MMFQDLSK.V	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			565.2712	1128.5278	1128.5274	0.0005	0	(30)	1.3	1	R.MMFQDLSK.V	
AAF69828		GP2; polygalacturonase inhibiting protein 2	A. thaliana	831			573.2677	1144.5208	1144.5223	-0.0014	0	(37)	0.26	1	R.MMFQDLS	

AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		384.2202	1149.6388	1149.6393	-0.0006	1	(24)	4.1	4	R.KLEYELSR.N		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		575.8268	1149.6390	1149.6393	-0.0003	1	(44)	0.049	1	R.KLEYELSR.N		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		575.8269	1149.6392	1149.6393	-0.0001	1	(42)	0.068	1	R.KLEYELSR.N		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		609.8455	1217.6764	1217.6768	-0.0004	1	63	0.00054	1	K.KTTVVWIDSR.N		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		610.3375	1218.6604	1218.6608	-0.0004	0	52	0.0079	1	K.LQGDSILFGAAK		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		610.3377	1218.6608	1218.6608	0.0000	0	(48)	0.019	1	K.LQGDSILFGAAK		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		610.3378	1218.6610	1218.6608	0.0002	0	(46)	0.034	1	K.LQGDSILFGAAK		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		610.3378	1218.6610	1218.6608	0.0002	0	(44)	0.043	1	K.LQGDSILFGAAK		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		610.3384	1218.6622	1218.6608	0.0014	0	(43)	0.068	1	K.LQGDSILFGAAK		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		610.3403	1218.6660	1218.6608	0.0052	0	(41)	0.093	1	K.LQGDSILFGAAK		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		631.7878	1261.5610	1261.5617	-0.0007	0	(53)	0.0055	1	K.CLOGAPLPSCK-		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		631.7880	1261.5614	1261.5617	-0.0003	0	56	0.0032	1	K.CLOGAPLPSCK-		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		646.2899	1290.5652	1290.5669	-0.0017	0	(45)	0.051	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		431.1957	1290.5653	1290.5669	-0.0017	0	(24)	6.6	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		431.1958	1290.5656	1290.5669	-0.0014	0	(37)	0.29	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		646.2902	1290.5658	1290.5669	-0.0011	0	(41)	0.12	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		646.2902	1290.5658	1290.5669	-0.0011	0	48	0.025	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		646.2904	1290.5662	1290.5669	-0.0007	0	(46)	0.035	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		646.2910	1290.5674	1290.5669	0.0005	0	(43)	0.076	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		431.1965	1290.5677	1290.5669	0.0007	0	(25)	5.4	1	R.FDSYSFFHNK.C		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		769.3978	1536.7810	1536.7824	-0.0014	0	57	0.0021	1	K.LTGPPIPEFSTGSGK.V		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		769.3980	1536.7814	1536.7824	-0.0010	0	(51)	0.009	1	K.LTGPPIPEFSTGSGK.V		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		769.3981	1536.7816	1536.7824	-0.0008	0	(46)	0.026	1	K.LTGPPIPEFSTGSGK.V		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		769.3984	1536.7822	1536.7824	-0.0002	0	(25)	3.2	1	K.LTGPPIPEFSTGSGK.V		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		919.5104	1837.0062	1837.0098	-0.0035	0	61	0.00071	1	K.VPSLFLSHNQLSGTIFP.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		613.3430	1837.0072	1837.0098	-0.0026	0	(41)	0.08	1	K.VPSLFLSHNQLSGTIFP.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		919.5109	1837.0072	1837.0098	-0.0025	0	(52)	0.0067	1	K.VPSLFLSHNQLSGTIFP.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		613.3435	1837.0087	1837.0098	-0.0011	0	(36)	0.27	1	K.VPSLFLSHNQLSGTIFP.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		613.3435	1837.0087	1837.0098	-0.0011	0	(36)	0.23	1	K.VPSLFLSHNQLSGTIFP.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		919.5127	1837.0108	1837.0098	0.0011	0	(51)	0.0083	1	K.VPSLFLSHNQLSGTIFP.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		1314.1630	2626.3114	2626.3126	-0.0011	0	100	5.3e-08	1	K.NLEYDLSFNDLSGIPSSLSLR.K		
AAF69828		PGIP2; polygalacturonase inhibiting protein 2	A. thaliana	831		1124.2720	3369.7942	3369.8072	-0.0130	0	73	1.8e-05	1	R.VTSLIIOGDEISGQIPPEVGDLPYLTSLIFR.K		
32	NP_188456	AT3G18280	protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128	5	31	446.2376	890.4606	890.4610	-0.0004	0	(18)	26	4	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			446.2376	890.4606	890.4610	-0.0004	0	31	1.1	1	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			446.2379	890.4612	890.4610	0.0002	0	(24)	6.5	1	R.FVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			485.7783	969.5420	969.5430	-0.0009	1	(16)	30	3	K.SCKLPFR.C
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			485.7789	969.5432	969.5430	0.0003	1	19	13	3	K.SCKLPFR.C
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			524.2879	1046.5612	1046.5621	-0.0009	1	30	1.8	1	R.RVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			524.2880	1046.5614	1046.5621	-0.0007	1	(20)	17	6	R.RVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			524.2880	1046.5614	1046.5621	-0.0007	1	(26)	4.4	1	R.RVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			524.2881	1046.5616	1046.5621	-0.0005	1	(19)	21	7	R.RVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			524.2881	1046.5616	1046.5621	-0.0005	1	(29)	2.2	1	R.RVSTPNAR.K
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			495.8841	1484.6305	1484.6323	-0.0018	0	(11)	72	7	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			495.8844	1484.6314	1484.6323	-0.0009	0	(17)	22	2	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			743.3230	1484.6314	1484.6323	-0.0008	0	(22)	5.9	2	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			495.8845	1484.6317	1484.6323	-0.0006	0	(22)	6.3	1	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			743.3232	1484.6318	1484.6323	-0.0004	0	(21)	8.4	1	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			743.3232	1484.6318	1484.6323	-0.0004	0	23	5.1	1	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			495.8846	1484.6320	1484.6323	-0.0003	0	(20)	9.1	1	K.EORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			863.9124	1725.8102	1725.8113	-0.0010	1	(24)	4.1	1	K.LKEORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			576.2774	1725.8104	1725.8113	-0.0009	1	(23)	5	1	K.LKEORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			576.2775	1725.8107	1725.8113	-0.0006	1	25	3	1	K.LKEORPCLCGYMR.N + Oxidation (M)
	NP_188456		protease inhibitor/seed storage/lipid transfer protein (LTP) family protein	A. thaliana	128			576.2776	1725.8110	1725.8113	-0.0003	1	(9)	1.2e+02	5	K.LKEORPCLCGYMR.N + Oxidation (M)