

Zusätzliche Informationen zur Dissertation von Yvonne Gäbler, 2007

Tabelle 7-40: Liste von Genen, deren Expression durch Pep13-Behandlung nach 1 h induziert wird.
Macroarray-Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	Pep13		
					180204	080304	220304
4181	PC137-3		At5g05340	peroxidase (see 107-1-4)	2,24	3,07	2,81
1864	PC161-3	Medicago truncatula		conserved hypothetical protein	2,26	2,34	3,41
2470	PC343-4	-		/	2,01	2,41	2,54
3718	PC348-1		At4g22030	F-box protein family (see 796-4)	3,38	3	5,65
3526	PC348-2		At4g22030	F-box protein family (see 796-4)	4,81	5,1	7,99
3334	PC348-3		At4g22030	F-box protein family (see 796-4)	3,42	4,08	5,37
112	PC363-3	Rattus norvegicus		similar to SCO-spondin	2,61	3	5,7
3554	PC383-2	-		no significant similarity found	2,51	3,14	2,69
4328	PC388-2	-		no significant similarity found	4,28	3,91	4,66
3272	PC397-3	Daucus carota		(S)-reticuline oxidase-like protein (see 748-2)	2,86	2,32	6,97
3758	PC400-1-1		At5g61290	disulfide oxidoreductase/ monooxygenase/ oxidoreductase	4,33	2,24	7,3
4244	PC409-2			no significant similarity found	2,15	2,04	2,72
2528	PC432-3		At1g26420	electron carrier (see 310-3)	3,59	6,29	4,49
3878	PC445-4		At1g65960	GAD2 (GLUTAMATE DECARBOXYLASE 2) (see 256-3)	2,2	2,01	2,49
3224	PC469-4	-		/	2,33	2,22	3,42
2936	PC472-1	-		no significant similarity found	2,83	2,94	2,95
4578	PC496-1		At4g13830	J20 (DNAJ-LIKE 20)	2,36	3,54	3,76
2935	PC620-1	Nicotiana tabacum		ACRE 74 (U-box, homologous to PC CMPG1) (see 618-2-1)	2,97	2,04	2,61
2551	PC620-3	Nicotiana tabacum		ACRE 74 (U-box, homologous to PC CMPG1) (see 618-2-1)	2,97	2,02	4,96
3805	PC623-1	glycine max		SRC2	3,69	2,22	3,16
3613	PC623-2	glycine max		SRC2	2,91	4,42	3,07
2557	PC629-3		At1g74360	ATP binding / protein kinase/ protein serine/threonine kinase/protein-tyrosine kinase	2,34	2,15	2,39
3984	PC722-4	Nicotiana tabacum		cytochrome P450 (see 326-3) or P450 monooxygenase [Artemisia annua, ABG49365]	2,26	2,16	2,16
3630	PC748-2	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	3,13	4,82	11,4
4302	PC750-2	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	4,02	4,44	11,55
4314	PC760-2-2	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	2,61	2,52	2,14
1925	PC771-2		At3g62980	transport inhibitor response 1 (TIR1), AtFBL2	2,21	3,98	2,49
1649	PC781-4		At3g28210	PMZ (see 767-2)	2,2	2,09	2,75

1745	PC784-3	Lactuca sativa		carbohydrate oxidase	2,59	4,1	2,2
2039	PC787-2		At2g26190	calmodulin binding (see 278-2)	3,26	3,01	4,55
719	PC816-1	Nicotiana langsdorffii x Nicotiana sanderae		nectarin 5	3,19	3,47	6,69
917	PC821-4	-		no significant similarity found	2,21	2,3	8,48
731	PC828-1	-		no significant similarity found	2,58	2,37	2,65

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Tabelle 7-41: Liste von Genen, deren Expression durch HrpZ_{PspH}-Behandlung nach 1 h induziert wird.
Macroarray -Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	HrpZ _{PspH}		
					121103	080304	220304
2663	PC180-3	Arabidopsis thaliana	At3g51550	kinase	2,21	2,08	2,75
2158	PC184-1	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	2,53	2,02	2,11
3053	PC196-1	-		no significant similarity found	4,07	2,08	2,81
2669	PC196-3	Arabidopsis thaliana	At3g52450	ubiquitin-protein ligase	3,07	2,63	3,75
1060	PC218-1	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	4,68	2,67	4,53
2116	PC241-1	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	3,02	2,12	3,22
388	PC248-4	-		no significant similarity found	4,5	2,01	4,09
874	PC258-1	Arabidopsis thaliana	At3g25250	AGC2-1 (OXIDATIVE SIGNAL-INDUCIBLE1)	3,54	2,02	2,18
3262	PC374-4	-		/	5,51	2,27	4,99
3398	PC436-3	-		/	6,66	2,28	2,88
2348	PC457-4	-		/	3,54	2,24	3,89
2552	PC472-3	Arabidopsis thaliana	At2g46150	unknown protein (see 470)	3,98	2,63	2,76
4382	PC476-2	-		no significant similarity found	4,21	2,23	3,22
3062	PC513-1	Arabidopsis thaliana	At2g42760	unknown protein	4,57	2,45	4,4
2870	PC513-2	Arabidopsis thaliana	At2g42760	unknown protein	4,05	2,38	5,56
2678	PC513-3	Arabidopsis thaliana	At2g42760	unknown protein	5,55	3,04	3,93
2486	PC513-4	Arabidopsis thaliana	At2g42760	unknown protein	5,4	2,98	7,77
3452	PC519-2-3	Oryza sativa		putative uclacyanin 3	2,01	3,61	2,67
3655	PC541-1	-		/	4,63	3,95	6,4
2923	PC603-1	-		no significant similarity found	2,53	2,93	4,34
2461	PC624-4	Arabidopsis thaliana	At5g67080	MAPKKK19 (see 628-1)	5,67	2,56	5,48
3709	PC628-1	Arabidopsis thaliana	At5g67080	MAPKKK19 (see 624-4)	4,19	2,04	6,32
3259	PC666-4	Linum usitatissimum		peroxidase (see 722-2)	2,1	3,94	3,36
3067	PC667-1	Medicago truncatula		E-class P450, group I (BUT no taq)	2,52	2,48	2,02
3174	PC674-4	Nicotiana tabacum		cytochrome P450 (see 326-3)	2,95	2,18	2,12
2598	PC675-3	Medicago truncatula		Zinc finger, RING-type	4,15	2,43	8,86
4032	PC762-4	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	4,55	2,02	3,24

2976	PC767-1	Spinacia oleracea		ferredoxin-nitrite reductase, chloroplast precursor	2,94	3,04	2,9
293	PC770-3	-		/	29,72	2,48	14,58
389	PC773-2	Nicotiana tabacum		AP2 domain-containing transcription factor (ethylene response)	3,03	2,54	2,94
1757	PC798-3	Arabidopsis thaliana	At5g63450	CYP94B1	6,65	2,16	6,63
2153	PC811-1	Oryza sativa		unknown protein	3,95	2,07	4,84
629	PC825-1	Homo sapiens		S. cerevisiae SEC31-like 2 isoform a	2,5	2,72	2,42
1979	PC829-2	-		/	2,22	2,1	2,87

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Tabelle 7-42: Liste von Genen, deren Expression durch LPS-Behandlung nach 1 h induziert wird.
Macroarray-Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	LPS		
					121103	080304	220304
2999	PC059-1	-		no significant similarity found	7,05	2,9	5,69
2615	PC059-3	-		no significant similarity found	2,02	2,22	3,13
1276	PC138-2	Arabidopsis thaliana	At2g27660	unknown protein (see 139-2)	2,39	2,06	3,86
1960	PC164-2-2	Arabidopsis thaliana	At1g23740	oxidoreductase/ zinc ion binding (see 162-2)	2,43	2,1	2,22
910	PC178-4	Petroselinum crispum		unnamed protein product (see 177-4)	2,22	2,09	3,04
1198	PC185-2	Arabidopsis thaliana	At2g15220	unknown protein (see 216-1)	2,25	2,01	3,47
1006	PC185-3	Arabidopsis thaliana	At2g15220	unknown protein (see 216-1)	3,02	2,39	3,16
2771	PC220-2	Arabidopsis thaliana	At2g15220	unknown protein (see 216-1)	2,66	2,2	3,41
1156	PC243-3	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	4,82	2,08	3,11
4	PC250-2	Petroselinum crispum		omega-6 fatty acid desaturase (EC 1.14.99.-) (see 355-1)	2,41	3,77	2,02
1066	PC255-2-4	Papaver somniferum		tyrosin/dopa decarboxylase	2,83	3,12	2,21
3484	PC289-2	Bifidobacterium adolescentis		hypothetical protein BadoI_01000417	4,27	8,24	3,9
3880	PC301-4	Daucus carota		cell attachment protein in somatic embryogenesis (see 372-3)	10,99	2,45	3,02
3322	PC323-3	-		no significant similarity found	2,34	2,87	3,19
4102	PC347-3	Daucus carota		EDGP precursor (see 763-4)	2,16	3,14	2,41
3724	PC355-1	Petroselinum crispum		omega-6 fatty acid desaturase (EC 1.14.99.-) (see 355-3)	3,81	2,63	2,51
3340	PC355-3	Petroselinum crispum		omega-6 fatty acid desaturase (EC 1.14.99.-) (see 355-1)	2,37	3,42	4,12
3730	PC362-1	Arabidopsis thaliana	At1g22360	AT2 (see 489-1)	3,31	2,49	2,89
3640	PC366-2	Arabidopsis thaliana	At2g34790	electron carrier	2,19	2,28	3,08
3448	PC366-3	Arabidopsis thaliana	At2g34790	electron carrier (beste Sequenz)	2,89	4,16	2,38
592	PC372-3	Daucus carota		cell attachment protein in somatic embryogenesis (see 375-1)	2,92	2,88	2,71
3166	PC380-4	-		no significant similarity found	2,29	2,55	4,29
4034	PC385-3	Medicago truncatula		Proteinase inhibitor I13, potato inhibitor I	2,31	2,17	4,23
1654	PC389-1	Petroselinum crispum		WRKY4 (see 508-4)	3,18	2,68	2,28
886	PC392-4	Arabidopsis thaliana		copia-type reverse transcriptase-like protein	2,45	3,19	2,8
4430	PC402-1	Petroselinum crispum		Pathogenesis-related protein	3,05	2,53	3,09
4046	PC402-3	Solanum tuberosum		putative peroxidase	4,21	4,95	2,57
2318	PC405-1-4	-		/	2,61	2,22	2,54

4340	PC405-2-2	Arabidopsis thaliana	At4g33850	catalytic	2,55	2,05	2,45
118	PC411-1-2	Arabidopsis thaliana	At1g32690	unknown protein (see 371-1)	3,04	8,32	3,71
4298	PC493-2	-	-	no significant similarity found	2,84	2,13	2,22
3356	PC521-2-3	Nicotiana tabacum		patatin-like protein 3 (see 399)	2,37	3,95	2,96
4129	PC523-3	Nicotiana tabacum		pleiotropic drug resistance (PDR) like protein (see 812-2)	3,18	2,03	2,99
4584	PC531-3	Daucus carota		elicitor induced glycoprotein iEP4	5,28	2,26	2,95
3001	PC577-1	Arabidopsis thaliana	At1g05170	transferase, transferring glycosyl groups / transferase, transferring hexosyl groups	3,58	2,13	8,84
2815	PC583-2	-	-	no significant similarity found	3,15	3,04	3,83
4075	PC598-3	-	-	/	2,5	2,41	2,09
2353	PC610-4	Arabidopsis thaliana	At1g51060	DNA binding	2,84	2,82	2,33
4134	PC672-3	Linum usitatissimum		peroxidase (see 722-2)	2,4	2,51	2,13
3462	PC677-2	Arabidopsis thaliana	At3g13610	oxidoreductase (see 724-3)	2,77	2,23	2,64
4140	PC680-3	-	-	no significant similarity found	3,08	2,34	3,5
3396	PC708-3	-	-	no significant similarity found	2,67	2,84	2,76
4560	PC722-1	Linum usitatissimum		peroxidase (see 672-3)	3,95	4,73	2,72
3792	PC723-1	Arabidopsis thaliana		putative guanine nucleotide exchange factor	2,61	2,08	2,85
4278	PC739-2	Linum usitatissimum		peroxidase (see 722-2)	4,2	2,46	2,17
3450	PC759-3	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	3,25	3,25	2,72
3066	PC760-1-1	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	3,21	2,74	2,81
2874	PC760-1-2	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	2,83	3,03	2,45
4122	PC760-2-3	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	2,41	2,53	3,25
3930	PC760-2-4	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	3,37	2,34	3,43
3546	PC761-1-2	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	2,92	2,71	2,36
2970	PC761-2-1	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	2,9	2,44	2,35
2586	PC761-2-3	Daucus carota		cell attachment protein in somatic embryogenesis (see 758-2)	2,62	2,32	3,59
3456	PC763-3	Arabidopsis thaliana	At4g28570	electron carrier	4,59	2,3	3,82
875	PC776-4	-	-	no significant similarity found	2,63	2,18	2,72
1385	PC812-1	Quercus suber		PD1-like protein	4,28	2,64	3,74

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Tabelle 7-43: Liste von Genen, deren Expression durch Pep13- und HrpZ_{PspH}-Behandlung nach 1 h induziert wird.
Macroarray -Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	Pep13			HrpZ _{PspH}		
					180204	080304	220304	121103	080304	220304
1384	PC167-1	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	2,19	2,63	3	3,7	2,15	2,97
868	PC218-2	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	2,4	3,9	4,16	9,04	2,69	4,07
676	PC218-3	Arabidopsis thaliana	At2g46150	unknown protein (see 470-1)	2,1	4,56	4,65	5,66	3,24	4,43
2026	PC251-1	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	2,87	4,88	6,27	4,39	2,84	7,64
1834	PC251-2	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	3,11	5,26	5,95	4,43	2,97	6,96
1642	PC251-4	Arabidopsis thaliana	At1g26420	electron carrier (see 397-1)	3,27	5,27	6,3	4,91	3,12	6,61
4198	PC336-1-3	-		no significant similarity found	5,62	5,64	3,47	7,24	4,8	3,69
3814	PC336-2-1	Arabidopsis thaliana	At3g62650	unknown protein	5,17	4,93	3,71	5,23	3,27	3,44
3622	PC336-2-2	Arabidopsis thaliana	At3g62650	unknown protein	4,2	5,15	2,45	3,74	3,46	3,39
2854	PC343-2	-		/	3,23	2,67	5,7	10,08	2,07	5,93
3142	PC348-4	Arabidopsis thaliana	At4g22030	F-box protein family (see 796-4)	3,72	5,63	6,02	6,52	2,73	4,06
1552	PC367-3	Arabidopsis thaliana	At2g35980	YLS9 (YELLOW-LEAF-SPECIFIC GENE 9)	2,72	5,38	2,52	3,58	3,38	2,07
1360	PC367-4	Arabidopsis thaliana	At2g35980	YLS9 (YELLOW-LEAF-SPECIFIC GENE 9)	3,67	4,4	3,36	5,55	2,56	3,55
3746	PC383-1	-		no significant similarity found	3,25	4,57	5,33	6,02	2,84	7,4
1174	PC400-1-1	Arabidopsis thaliana	At5g21090	disulfide oxidoreductase/ monooxygenase/ oxidoreductase	5,65	6,43	6,91	4,78	4,14	5,86
4280	PC470-2	Arabidopsis thaliana	At2g46150	unknown protein (see 471-3)	2,14	3,37	3,65	4,65	3,17	3,89
4088	PC470-3	Arabidopsis thaliana	At2g46150	unknown protein (see 471-3)	2,25	5,1	4,46	5,53	3,73	4,59
3896	PC470-4	Arabidopsis thaliana	At2g46150	unknown protein (see 471-3)	2,31	2,46	3,41	5,6	2,07	3,85
3320	PC471-3	Arabidopsis thaliana	At2g46150	unknown protein (see 470)	2,79	2,29	3,22	3,31	2,37	4,02
4574	PC476-1	Arabidopsis thaliana	At4g04480	unknown protein (see 766-1)	6,39	13,61	11,47	10,32	4,15	7,2
4286	PC481-2	Daucus carota		EDGP precursor (see 763-4)	4,86	4,81	8,36	13,44	3,54	7,72
3902	PC481-4	Daucus carota		EDGP precursor (see 763-4)	5,12	3,44	8,14	7,7	2,7	9,42
4386	PC496-3	Arabidopsis thaliana	At4g13830	J20 (DNAJ-LIKE 20)	2,32	3,95	3,61	3,6	2,3	2,62
2960	PC501-1	Petroselinum crispum		immediate-early fungal elicitor protein CMPG1, Eli17 (see 334-4)	3,31	5,7	4,02	5,39	3,26	5,53
2768	PC501-2	Petroselinum crispum		immediate-early fungal elicitor protein CMPG1, Eli17 (see 334-4)	3,35	5,51	5,84	6,87	3,64	7,14
2576	PC501-3	Petroselinum crispum		immediate-early fungal elicitor protein CMPG1, Eli17 (see 334-4)	5,14	3,81	4,43	7,18	2,6	5,01
2384	PC501-4	Petroselinum crispum		immediate-early fungal elicitor protein CMPG1, Eli17 (see 334-4)	4,6	5,33	5,42	6,11	4,46	6,3

4118	PC514-3	Petroselinum crispum		immediate-early fungal elicitor protein CMPG1, Eli17 (see 334-4)	3,19	3,71	3,97	5,41	2,31	4,39
2492	PC520-4	Petroselinum crispum		immediate-early fungal elicitor protein CMPG1, Eli17 (see 334-2)	2,97	4,18	4,77	5,59	3,84	5,78
2359	PC620-4	Nicotiana tabacum		ACRE 74 (U-box, homologous to PC CMPG1) (see 618-2-1)	2,65	3,32	3,23	2,29	3,47	4,35
4494	PC750-1	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	2,39	14,86	7,17	18	9,12	11,53
3534	PC751-2	Daucus carota		(S)-reticuline oxidase-like protein (see 397-1)	2,11	6,65	13,59	2,9	2,77	9,06
209	PC786-3	Solanum tuberosum		putative xyloglucanase inhibitor (see 787-1)	2,87	3,06	5,45	3,49	2,42	5,92
1943	PC791-2	Arabidopsis thaliana	At2g44260	unknown protein	4,15	5,1	4,27	4,71	2,8	2,88
23	PC793-4	Arabidopsis thaliana	At4g22030	F-box protein family (see 347-2)	2,18	4,32	5,31	3,2	2,51	2,98
1313	PC833-2	Arabidopsis thaliana	At1g74740	CPK30	4,96	6,99	4,93	4,49	4,06	5,68
929	PC833-4	Arabidopsis thaliana	At1g74740	CPK30	2,32	3,11	3,51	3,68	2,13	4,06
545	PC835-2	-		no significant similarity found	3,4	4,06	5,54	4,28	2,84	6,29

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Tabelle 7-44: Liste von Genen, deren Expression durch Pep13- und LPS-Behandlung nach 1 h induziert wird.
Macroarray-Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	Pep13			LPS		
					180204	080304	220304	121103	080304	220304
2710	PC283-2	Arabidopsis thaliana	At3g26040	acyltransferase-like protein (see 774-3)	3,24	2,24	6,9	2,73	2,12	8,96
2230	PC375-1	Daucus carota		cell attachment protein in somatic embryogenesis (see 638-3)	2,14	2,53	2,23	2,62	3,04	2,39
2038	PC375-2	Daucus carota		cell attachment protein in somatic embryogenesis (see 638-3)	2,48	3,26	2,58	2,54	3,34	2,32

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Tabelle 7-45: Liste von Genen, deren Expression durch HrpZ_{PspH}- und LPS-Behandlung nach 1 h induziert wird.
Macroarray -Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	HrpZ _{PspH}			LPS		
					121103	080304	220304	121103	080304	220304
4565	PC137-1	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	3,11	2,49	2,39	3,31	2,1	4,09
4115	PC217-3	Arabidopsis thaliana	At2g15220	unknown protein (see 216-1)	8,3	2,7	6,54	6,52	3,19	4,37
2410	PC256-4	Petroselinum crispum		fatty acid desaturase/hydroxylase-like protein ELI7.1 (see 289-3)	9,33	4,11	9,25	8,51	5,69	10,82
3604	PC314-2	Petroselinum crispum		Eli 7.5 (see 352-3)	12,44	2,13	10,69	20,48	2,64	14,83
3124	PC317-4	-		no significant similarity found	2,71	2,39	2,64	2,69	2,28	3,53
3680	PC431-1	Arabidopsis thaliana	At1g19180	unknown protein	9,59	4	2,94	10,5	2,26	4,62
3128	PC471-4	Arabidopsis thaliana	At3g52450	ubiquitin-protein ligase	2,42	2,48	2,59	2,6	2,36	2,02
3164	PC521-2-4	Nicotiana tabacum		patatin-like protein 3 (see 399)	2,19	2,09	2,73	2,34	3,93	2,77
3763	PC566-1	-		no significant similarity found	5,51	2,25	2,31	3,32	2,61	2,03
4201	PC638-3	Daucus carota		cell attachment protein in somatic embryogenesis (BUT no taq)	3,11	2,09	2,57	2,38	2,98	2,87
2406	PC675-4	Medicago truncatula		Zinc finger, RING-type	5,04	3,54	6,66	3,63	2,63	5,44
3948	PC680-4	-		no significant similarity found	2,23	2,13	2,48	2,27	4,33	3
1067	PC776-3	Petroselinum crispum		PR1-1	2,62	2,07	2,07	2,85	3,43	2,47
1361	PC785-1	-		no significant similarity found	2,89	2,1	3,11	3,75	2,03	2,88
2273	PC832-1	Arabidopsis thaliana	At1g18890	ATCDPK1	4,13	2,87	2,81	2,92	2,01	2,32
2177	PC836-1	Petroselinum crispum		fatty acid desaturase/hydroxylase-like protein Eli7.1 (see 256-4)	12	4,93	8,98	9,98	5,13	10

Tabelle 7-46: Liste von Genen, deren Expression durch Pep13-, HrpZ_{PspH}- und LPS-Behandlung nach 1 h induziert wird.
Macroarray-Analyse in Petersilie.

Index	Klon	Organismus	AGI Code	Protein/Mögliche Funktion	Pep13			HrpZ _{PspH}			LPS		
					180204	080304	220304	121103	080304	220304	121103	080304	220304
3209	PC107-1-4	Arabidopsis thaliana	At5g05340	peroxidase (see 108-1-2)	5,33	6,25	10,21	10,23	3,82	9,28	8,11	3,32	10,6
4265	PC108-1-2	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	7,16	6,67	8,79	19,06	3,82	9,29	17,33	2,85	11,47
3881	PC108-1-4	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	9,69	3,43	19,19	37,13	2,21	21,09	34,94	2,28	16,73
563	PC110-2	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	8,44	8,79	12,19	12,38	6,85	12,9	9,53	5,97	12,8
851	PC116-3	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	5,34	4,72	6,54	5,27	3,34	7,21	4,2	2,99	6,96
3791	PC121-1	Petroselinum crispum		fatty acid desaturase/hydroxylase-like protein ELI7.1 (see 256-4)	2,5	5,04	5,19	6,28	6,54	6,96	8,07	8,27	8,05
4463	PC126-1	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	6,48	9,49	9,87	11,37	4,64	11,16	10,84	4,13	9,83
2236	PC137-1	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	9,33	9,61	12,59	16,07	6,95	12,77	14,9	5,71	12,23
1852	PC137-3	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	5,43	10,07	13,23	9,02	6,45	10,44	11,43	6,11	11,23
1660	PC137-4	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	5,61	11,36	13,13	11,82	7,31	12,95	15,54	6,12	14,14
3989	PC137-4	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	2,36	4,21	2,89	4,51	3,11	2,57	5,59	2,78	3,91
2242	PC145-1	Arabidopsis thaliana	At5g05340	peroxidase (see 107-1-4)	8,51	9,15	18,49	9,82	5,95	16,6	7,71	5,87	17,81
1666	PC145-4	Arabidopsis thaliana	At5g06060	peroxidase (see 107-1-4)	5,12	5,29	7,46	5,51	4,04	6,16	7,54	4,02	6,9
2675	PC216-3	Arabidopsis thaliana	At2g15220	unknown protein (see 177-1)	2,14	2,55	4,42	3,06	2,08	4,09	2,78	2,7	3,16
2902	PC283-1	-		/	2,52	3,75	6,42	4,28	2,27	6,52	3,8	2,93	4,88
3238	PC336-2-4	Arabidopsis thaliana	At3g62650	unknown protein	3,9	6,78	2,93	4,62	3,98	2,68	5,96	2,14	3,93
4294	PC347-2	Arabidopsis thaliana	At4g22030	F-box protein family (see 796-4)	2,56	3,86	3,66	5,82	2,9	2,08	4,29	3,47	3,11
2668	PC352-3	Petroselinum crispum		Eli 7.5 (see 314-2)	2,31	3,41	7,31	8,67	5,45	10,36	9,75	5,74	9,69
304	PC363-2	Rattus norvegicus		similar to SCO-spondin	2,61	5,76	15,71	4,31	3,53	17,78	4,15	2,36	16,67
400	PC372-4	Nicotiana tabacum		peroxidase (see 107-1-4)	7,75	11,81	15,7	9,5	8,39	14,32	8,73	6,33	14,67
1846	PC375-4	Daucus carota		cell attachment protein in somatic embryogenesis (see 638-3)	2,21	3,37	2,32	3,26	2,48	2,43	3,42	3,54	2,35
16	PC391-4	-		no significant similarity found	5,71	9,15	6,06	5,41	8,56	6,24	7,45	2,41	5,52
3656	PC397-1	Daucus carota		(S)-reticuline oxidase-like protein (see 748-2)	4,46	17,46	7,54	16,47	10,11	7,41	11,66	2,27	6,3
3470	PC403-2	Zinnia elegans		putative peroxidase	3,05	3,98	10,53	3,95	2,26	11,33	3,34	2,03	8,65
2510	PC405-1-3	-		/	2,28	3,14	5,05	5,68	2,23	4,81	4,9	2,24	5,35
17	PC786-4	Arabidopsis thaliana	At2g26190	calmodulin binding (see 787-2)	2,51	3,74	3,89	2,05	3,39	4,18	3,87	2,83	4,49
2045	PC794-2	Arabidopsis thaliana	At1g14550	peroxidase	4,64	5,26	8,74	10,82	3,09	8,96	9,85	2,8	5,94
1853	PC794-3	Arabidopsis thaliana	At1g14550	peroxidase	3,64	4,22	8,49	11,15	2,52	6,57	14,44	2,59	7,78
1193	PC812-2	Nicotiana tabacum		PDR-like ABC-transporter (similar to 523-3)	2,09	2,64	2,34	2,55	2,44	2,44	4,11	3,05	2,76
2267	PC826-1	Petroselinum crispum		Tyr-DC (see 312-1)	2,09	2,58	2,53	6,17	2,54	2,29	4,56	2,74	2,63
827	PC830-4	-		/	3,23	4,7	3,94	3,69	3,31	3,24	4,08	2,1	3,35