

Table S9. Summary of significant partial correlations observed in the group of 100 DE genes with high significance, associated with differences between LB and SB segregants, in the FST and B68 stages.

ID ranking	Description	ID ranking	Description	Corr.
2	Stilbene synthase 6	4	Unkown Protein Function	1.00
3	Cytokinin dehydrogenase 3	6	Ca ²⁺ -dependent lipid-binding protein CLB1/vesicle protein vp115/Granuphilin A contains C2 domain	0.88
2	Stilbene synthase 6	7	Stilbene synthase 3	1.00
5	Stilbene synthase 4	8	Stilbene synthase 3	1.00
1	pore-forming toxin-like protein Hfr-2	9	4-hydroxyphenylacetaldehyde oxime monooxygenase	1.00
2	Stilbene synthase 6	10	Stilbene synthase 3	1.00
7	Stilbene synthase 3	10	Stilbene synthase 3	1.00
2	Stilbene synthase 6	11	Stilbene synthase 4	1.00
4	Unkown Protein Function	11	Stilbene synthase 4	1.00
10	Stilbene synthase 3	11	Stilbene synthase 4	0.99
2	Stilbene synthase 6	13	Stilbene synthase 4	0.99
7	Stilbene synthase 3	13	Stilbene synthase 4	0.98
11	Stilbene synthase 4	13	Stilbene synthase 4	0.99
1	pore-forming toxin-like protein Hfr-2	15	Pathogenesis-related protein STH-2	1.00
9	4-hydroxyphenylacetaldehyde oxime monooxygenase	15	Pathogenesis-related protein STH-2	1.00
12	PR6 protease inhibitor	15	Pathogenesis-related protein STH-2	1.00
1	pore-forming toxin-like protein Hfr-2	16	Cytochrome P450 76C2	0.93
4	Unkown Protein Function	16	Cytochrome P450 76C2	0.97
7	Stilbene synthase 3	16	Cytochrome P450 76C2	1.00
10	Stilbene synthase 3	16	Cytochrome P450 76C2	1.00
8	Stilbene synthase 3	17	(+)-delta-cadinene synthase isozyme A	0.98
12	PR6 protease inhibitor	18	Protein WAX2	1.00
15	Pathogenesis-related protein STH-2	18	Protein WAX2	0.99
14	Isoflavone-7-O-methyltransferase 9	19	Vacuolar amino acid transporter 1	1.00
1	Pore-forming toxin-like protein Hfr-2	20	Flavin-containing monooxygenase YUCCA6	0.99
9	4-hydroxyphenylacetaldehyde oxime monooxygenase	20	Flavin-containing monooxygenase YUCCA6	0.99
12	PR6 protease inhibitor	20	Flavin-containing monooxygenase YUCCA6	1.00
15	Pathogenesis-related protein STH-2	20	Flavin-containing monooxygenase YUCCA6	1.00

18	Protein WAX2	20	Flavin-containing monooxygenase YUCCA6	1.00
5	Stilbene synthase 4	21	Stilbene synthase 4	1.00
8	Stilbene synthase 3	21	Stilbene synthase 4	0.99
13	Stilbene synthase 4	21	Stilbene synthase 4	0.98
6	Ca ²⁺ -dependent lipid-binding protein CLB1/vesicle protein vp115/Granuphilin A contains C2 domain	22	60S ribosomal protein L7-3	1.00
4	Unkown Protein Function	23	Stilbene synthase 1	0.99
11	Stilbene synthase 4	23	Stilbene synthase 1	0.99
13	Stilbene synthase 4	23	Stilbene synthase 1	1.00
21	Stilbene synthase 4	23	Stilbene synthase 1	0.99
5	Stilbene synthase 4	24	Stilbene synthase 1	0.99
8	Stilbene synthase 3	24	Stilbene synthase 1	0.98
13	Stilbene synthase 4	24	Stilbene synthase 1	0.99
21	Stilbene synthase 4	24	Stilbene synthase 1	1.00
23	Stilbene synthase 1	24	Stilbene synthase 1	1.00
17	(+)-delta-cadinene synthase isozyme A	25	Proteasome subunit alpha type-2-B	0.98
3	Cytokinin dehydrogenase 3	26	Phenylalanine ammonia-lyase	-0.77
7	Stilbene synthase 3	26	Phenylalanine ammonia-lyase	0.99
10	Stilbene synthase 3	26	Phenylalanine ammonia-lyase	0.99
16	Cytochrome P450 76C2	26	Phenylalanine ammonia-lyase	1.00
6	Ca ²⁺ -dependent lipid-binding protein CLB1/vesicle protein vp115/Granuphilin A contains C2 domain	27	60S ribosomal protein L7-4	1.00
17	(+)-delta-cadinene synthase isozyme A	27	60S ribosomal protein L7-4	-0.89
22	60S ribosomal protein L7-3	27	60S ribosomal protein L7-4	0.99
1	pore-forming toxin-like protein Hfr-2	28	Cytochrome P450 71B35	1.00
9	4-hydroxyphenylacetaldehyde oxime monooxygenase	28	Cytochrome P450 71B35	1.00
12	PR6 protease inhibitor	28	Cytochrome P450 71B35	0.99
15	Pathogenesis-related protein STH-2	28	Cytochrome P450 71B35	1.00
18	Protein WAX2	28	Cytochrome P450 71B35	0.99
20	Flavin-containing monooxygenase YUCCA6	28	Cytochrome P450 71B35	0.99
12	PR6 protease inhibitor	29	Eugenol synthase 1	1.00
15	Pathogenesis-related protein STH-2	29	Eugenol synthase 1	0.99
18	Protein WAX2	29	Eugenol synthase 1	1.00
20	Flavin-containing monooxygenase YUCCA6	29	Eugenol synthase 1	1.00
5	Stilbene synthase 4	30	Stilbene synthase 4	1.00
8	Stilbene synthase 3	30	Stilbene synthase 4	1.00

17	(+)-delta-cadinene synthase isozyme A	30	Stilbene synthase 4	0.98
21	Stilbene synthase 4	30	Stilbene synthase 4	0.99
3	Cytokinin dehydrogenase 3	31	Cysteine-rich receptor-like protein kinase 10	0.93
27	60S ribosomal protein L7-4	31	Cysteine-rich receptor-like protein kinase 10	0.96
2	Stilbene synthase 6	32	Stilbene synthase 4	1.00
4	Unkown Protein Function	32	Stilbene synthase 4	1.00
11	Stilbene synthase 4	32	Stilbene synthase 4	1.00
13	Stilbene synthase 4	32	Stilbene synthase 4	1.00
23	Stilbene synthase 1	32	Stilbene synthase 4	1.00
24	Stilbene synthase 1	32	Stilbene synthase 4	0.99
14	Isoflavone-7-O-methyltransferase 9	33	Vacuolar amino acid transporter 1	0.99
19	Vacuolar amino acid transporter 1	33	Vacuolar amino acid transporter 1	1.00
2	Stilbene synthase 6	34	Phenylalanine ammonia-lyase 2	1.00
7	Stilbene synthase 3	34	Phenylalanine ammonia-lyase 2	1.00
10	Stilbene synthase 3	34	Phenylalanine ammonia-lyase 2	1.00
11	Stilbene synthase 4	34	Phenylalanine ammonia-lyase 2	0.99
13	Stilbene synthase 4	34	Phenylalanine ammonia-lyase 2	0.98
16	Cytochrome P450 76C2	34	Phenylalanine ammonia-lyase 2	0.99
26	Phenylalanine ammonia-lyase	34	Phenylalanine ammonia-lyase 2	0.99
32	Stilbene synthase 4	34	Phenylalanine ammonia-lyase 2	0.98
5	Stilbene synthase 4	35	F-box/LRR-repeat protein At3g48880	-0.96
17	(+)-delta-cadinene synthase isozyme A	35	F-box/LRR-repeat protein At3g48880	-0.95
21	Stilbene synthase 4	35	F-box/LRR-repeat protein At3g48880	-0.97
30	Stilbene synthase 4	35	F-box/LRR-repeat protein At3g48880	-0.97
32	Stilbene synthase 4	35	F-box/LRR-repeat protein At3g48880	-0.95
14	Isoflavone-7-O-methyltransferase 9	36	Carbonic anhydrase chloroplastic	1.00
19	Vacuolar amino acid transporter 1	36	Carbonic anhydrase chloroplastic	1.00
33	Vacuolar amino acid transporter 1	36	Carbonic anhydrase chloroplastic	1.00
3	Cytokinin dehydrogenase 3	37	Galactinol--sucrose galactosyltransferase	0.92
14	Isoflavone-7-O-methyltransferase 9	37	Galactinol--sucrose galactosyltransferase	0.96
31	Cysteine-rich receptor-like protein kinase 10	37	Galactinol--sucrose galactosyltransferase	0.93
33	Vacuolar amino acid transporter 1	37	Galactinol--sucrose galactosyltransferase	0.96
5	Stilbene synthase 4	38	Stilbene synthase 4	0.99
13	Stilbene synthase 4	38	Stilbene synthase 4	0.99
21	Stilbene synthase 4	38	Stilbene synthase 4	1.00
23	Stilbene synthase 1	38	Stilbene synthase 4	1.00

24	Stilbene synthase 1	38	Stilbene synthase 4	1.00
30	Stilbene synthase 4	38	Stilbene synthase 4	0.99
12	PR6 protease inhibitor	39	Eugenol synthase 1	1.00
15	Pathogenesis-related protein STH-2	39	Eugenol synthase 1	0.99
18	Protein WAX2	39	Eugenol synthase 1	1.00
20	Flavin-containing monooxygenase YUCCA6	39	Eugenol synthase 1	1.00
29	Eugenol synthase 1	39	Eugenol synthase 1	1.00
5	Stilbene synthase 4	41	Stilbene synthase 2	1.00
8	Stilbene synthase 3	41	Stilbene synthase 2	1.00
17	(+)-delta-cadinene synthase isozyme A	41	Stilbene synthase 2	0.98
21	Stilbene synthase 4	41	Stilbene synthase 2	1.00
30	Stilbene synthase 4	41	Stilbene synthase 2	1.00
35	F-box/LRR-repeat protein At3g48880	41	Stilbene synthase 2	-0.98
38	Stilbene synthase 4	41	Stilbene synthase 2	0.99
25	Proteasome subunit alpha type-2-B	42	Unkown Protein Function	0.95
1	pore-forming toxin-like protein Hfr-2	43	Unkown Protein Function	1.00
9	4-hydroxyphenylacetaldehyde oxime monooxygenase	43	Unkown Protein Function	1.00
12	PR6 protease inhibitor	43	Unkown Protein Function	0.99
18	Protein WAX2	43	Unkown Protein Function	0.98
29	Eugenol synthase 1	43	Unkown Protein Function	0.97
39	Eugenol synthase 1	43	Unkown Protein Function	0.97
2	Stilbene synthase 6	44	Unkown Protein Function	1.00
4	Unkown Protein Function	44	Unkown Protein Function	1.00
11	Stilbene synthase 4	44	Unkown Protein Function	1.00
13	Stilbene synthase 4	44	Unkown Protein Function	1.00
23	Stilbene synthase 1	44	Unkown Protein Function	1.00
32	Stilbene synthase 4	44	Unkown Protein Function	1.00
35	F-box/LRR-repeat protein At3g48880	44	Unkown Protein Function	-0.94
38	Stilbene synthase 4	44	Unkown Protein Function	0.99
14	Isoflavone-7-O-methyltransferase 9	45	Glutathione S-transferase zeta class	0.99
31	Cysteine-rich receptor-like protein kinase 10	45	Glutathione S-transferase zeta class	0.94
33	Vacuolar amino acid transporter 1	45	Glutathione S-transferase zeta class	1.00
36	Carbonic anhydrase chloroplastic	45	Glutathione S-transferase zeta class	1.00
2	Stilbene synthase 6	46	Unkown Protein Function	1.00
4	Unkown Protein Function	46	Unkown Protein Function	1.00
7	Stilbene synthase 3	46	Unkown Protein Function	0.99
10	Stilbene synthase 3	46	Unkown Protein Function	0.99
11	Stilbene synthase 4	46	Unkown Protein Function	1.00

13	Stilbene synthase 4	46	Unkown Protein Function	0.99
16	Cytochrome P450 76C2	46	Unkown Protein Function	0.98
23	Stilbene synthase 1	46	Unkown Protein Function	0.99
34	Phenylalanine ammonia-lyase 2	46	Unkown Protein Function	0.99
44	Unkown Protein Function	46	Unkown Protein Function	1.00
3	Cytokinin dehydrogenase 3	47	Abscisic acid 8'-hydroxylase 3	0.87
6	Ca ²⁺ -dependent lipid-binding protein CLB1/vesicle protein vp115/Granuphilin A contains C2 domain	47	Abscisic acid 8'-hydroxylase 3	1.00
22	60S ribosomal protein L7-3	47	Abscisic acid 8'-hydroxylase 3	1.00
27	60S ribosomal protein L7-4	47	Abscisic acid 8'-hydroxylase 3	1.00
1	pore-forming toxin-like protein Hfr-2	48	Omega-hydroxypalmitate O-feruloyl transferase	1.00
9	4-hydroxyphenylacetaldehyde oxime monooxygenase	48	Omega-hydroxypalmitate O-feruloyl transferase	1.00
12	PR6 protease inhibitor	48	Omega-hydroxypalmitate O-feruloyl transferase	1.00
15	Pathogenesis-related protein STH-2	48	Omega-hydroxypalmitate O-feruloyl transferase	1.00
20	Flavin-containing monooxygenase YUCCA6	48	Omega-hydroxypalmitate O-feruloyl transferase	1.00
28	Cytochrome P450 71B35	48	Omega-hydroxypalmitate O-feruloyl transferase	1.00
43	Unkown Protein Function	48	Omega-hydroxypalmitate O-feruloyl transferase	0.99
3	Cytokinin dehydrogenase 3	49	Vacuolar amino acid transporter 1	0.88
19	Vacuolar amino acid transporter 1	49	Vacuolar amino acid transporter 1	0.98
31	Cysteine-rich receptor-like protein kinase 10	49	Vacuolar amino acid transporter 1	0.98
33	Vacuolar amino acid transporter 1	49	Vacuolar amino acid transporter 1	0.99
36	Carbonic anhydrase chloroplastic	49	Vacuolar amino acid transporter 1	0.98
37	Galactinol--sucrose galactosyltransferase	49	Vacuolar amino acid transporter 1	0.95
45	Glutathione S-transferase zeta class	49	Vacuolar amino acid transporter 1	0.99
1	pore-forming toxin-like protein Hfr-2	50	Trans-cinnamate 4-monooxygenase	0.99
9	4-hydroxyphenylacetaldehyde oxime monooxygenase	50	Trans-cinnamate 4-monooxygenase	0.99
15	Pathogenesis-related protein STH-2	50	Trans-cinnamate 4-monooxygenase	0.99
16	Cytochrome P450 76C2	50	Trans-cinnamate 4-monooxygenase	0.96
26	Phenylalanine ammonia-lyase	50	Trans-cinnamate 4-monooxygenase	0.97
28	Cytochrome P450 71B35	50	Trans-cinnamate 4-monooxygenase	0.99
43	Unkown Protein Function	50	Trans-cinnamate 4-monooxygenase	0.99
48	Omega-hydroxypalmitate O-feruloyl transferase	50	Trans-cinnamate 4-monooxygenase	0.98
8	Stilbene synthase 3	52	Major allergen Pru av 1	0.90
35	F-box/LRR-repeat protein At3g48880	53	Heat shock protein 83	0.86
51	GDSL esterase/lipase At1g29670	53	Heat shock protein 83	0.98

53	Heat shock protein 83	54	Major allergen Pru av 1	-1.00
35	F-box/LRR-repeat protein At3g48880	55	Major allergen Pru ar 1	-0.88
51	GDSL esterase/lipase At1g29670	55	Major allergen Pru ar 1	-0.98
54	Major allergen Pru av 1	55	Major allergen Pru ar 1	0.99
51	GDSL esterase/lipase At1g29670	56	Major allergen Pru ar 1	-0.98
54	Major allergen Pru av 1	56	Major allergen Pru ar 1	0.99
55	Major allergen Pru ar 1	56	Major allergen Pru ar 1	1.00
12	PR6 protease inhibitor	57	Beta-amylase 3 chloroplastic	0.96
18	Protein WAX2	57	Beta-amylase 3 chloroplastic	0.97
26	Phenylalanine ammonia-lyase	57	Beta-amylase 3 chloroplastic	0.85
29	Eugenol synthase 1	57	Beta-amylase 3 chloroplastic	0.98
39	Eugenol synthase 1	57	Beta-amylase 3 chloroplastic	0.98
40	Protein WAX2	57	Beta-amylase 3 chloroplastic	-0.94
51	GDSL esterase/lipase At1g29670	59	23.6 kDa heat shock protein mitochondrial	0.99
53	Heat shock protein 83	59	23.6 kDa heat shock protein mitochondrial	1.00
54	Major allergen Pru av 1	59	23.6 kDa heat shock protein mitochondrial	-1.00
55	Major allergen Pru ar 1	59	23.6 kDa heat shock protein mitochondrial	-0.99
56	Major allergen Pru ar 1	59	23.6 kDa heat shock protein mitochondrial	-0.99
4	Unkown Protein Function	60	Major allergen Pru av 1	0.96
5	Stilbene synthase 4	60	Major allergen Pru av 1	0.94
13	Stilbene synthase 4	60	Major allergen Pru av 1	0.94
21	Stilbene synthase 4	60	Major allergen Pru av 1	0.96
23	Stilbene synthase 1	60	Major allergen Pru av 1	0.95
32	Stilbene synthase 4	60	Major allergen Pru av 1	0.96
35	F-box/LRR-repeat protein At3g48880	60	Major allergen Pru av 1	-0.99
38	Stilbene synthase 4	60	Major allergen Pru av 1	0.96
52	Major allergen Pru av 1	60	Major allergen Pru av 1	0.93
56	Major allergen Pru ar 1	60	Major allergen Pru av 1	0.90
42	Unkown Protein Function	62	Cationic peroxidase 1	0.98
51	GDSL esterase/lipase At1g29670	63	Chaperone protein ClpB 1	1.00
55	Major allergen Pru ar 1	63	Chaperone protein ClpB 1	-0.98
56	Major allergen Pru ar 1	63	Chaperone protein ClpB 1	-0.98
35	F-box/LRR-repeat protein At3g48880	64	18.6 kDa class III heat shock protein	0.91
52	Major allergen Pru av 1	64	18.6 kDa class III heat shock protein	-0.97
53	Heat shock protein 83	64	18.6 kDa class III heat shock protein	0.99
54	Major allergen Pru av 1	64	18.6 kDa class III heat shock protein	-0.99
60	Major allergen Pru av 1	64	18.6 kDa class III heat shock protein	-0.90

61	Uncharacterized membrane protein YOL092W	64	18.6 kDa class III heat shock protein	-0.86
58	Glucan endo-13-beta-glucosidase basic isoform	65	Germin-like protein subfamily 1 member 13	1.00
62	Cationic peroxidase 1	65	Germin-like protein subfamily 1 member 13	1.00
8	Stilbene synthase 3	66	Thaumatococcus-like protein	0.91
17	(+)-delta-cadinene synthase isozyme A	66	Thaumatococcus-like protein	0.97
25	Proteasome subunit alpha type-2-B	66	Thaumatococcus-like protein	0.96
52	Major allergen Pru av 1	66	Thaumatococcus-like protein	0.98
58	Glucan endo-13-beta-glucosidase basic isoform	67	Germin-like protein subfamily 1 member 15	1.00
62	Cationic peroxidase 1	67	Germin-like protein subfamily 1 member 15	1.00
65	Germin-like protein subfamily 1 member 13	67	Germin-like protein subfamily 1 member 15	1.00
51	GDSL esterase/lipase At1g29670	68	Unkown Protein Function	0.99
53	Heat shock protein 83	68	Unkown Protein Function	0.99
54	Major allergen Pru av 1	68	Unkown Protein Function	-0.99
55	Major allergen Pru ar 1	68	Unkown Protein Function	-0.99
56	Major allergen Pru ar 1	68	Unkown Protein Function	-0.99
59	23.6 kDa heat shock protein mitochondrial	68	Unkown Protein Function	1.00
58	Glucan endo-13-beta-glucosidase basic isoform	69	O-methyltransferase ZRP4	1.00
62	Cationic peroxidase 1	69	O-methyltransferase ZRP4	1.00
65	Germin-like protein subfamily 1 member 13	69	O-methyltransferase ZRP4	1.00
67	Germin-like protein subfamily 1 member 15	69	O-methyltransferase ZRP4	1.00
51	GDSL esterase/lipase At1g29670	70	Heat shock factor protein HSF30	0.98
53	Heat shock protein 83	70	Heat shock factor protein HSF30	1.00
54	Major allergen Pru av 1	70	Heat shock factor protein HSF30	-1.00
59	23.6 kDa heat shock protein mitochondrial	70	Heat shock factor protein HSF30	1.00
63	Chaperone protein ClpB 1	70	Heat shock factor protein HSF30	0.98
64	18.6 kDa class III heat shock protein	70	Heat shock factor protein HSF30	0.99
68	Unkown Protein Function	70	Heat shock factor protein HSF30	0.99
17	(+)-delta-cadinene synthase isozyme A	71	secretory protein putative	0.93
25	Proteasome subunit alpha type-2-B	71	secretory protein putative	0.96
52	Major allergen Pru av 1	71	secretory protein putative	0.95
66	Thaumatococcus-like protein	71	secretory protein putative	0.98
61	Uncharacterized membrane protein YOL092W	72	Pathogenesis-related protein R major form	0.96
64	18.6 kDa class III heat shock protein	72	Pathogenesis-related protein R major form	-0.93
66	Thaumatococcus-like protein	72	Pathogenesis-related protein R major form	0.95

71	secretory protein putative	72	Pathogenesis-related protein R major form	0.97
58	Glucan endo-1,3-beta-glucosidase basic isoform	73	Germin-like protein subfamily 1 member 15	1.00
62	Cationic peroxidase 1	73	Germin-like protein subfamily 1 member 15	1.00
65	Germin-like protein subfamily 1 member 13	73	Germin-like protein subfamily 1 member 15	1.00
67	Germin-like protein subfamily 1 member 15	73	Germin-like protein subfamily 1 member 15	1.00
69	O-methyltransferase ZRP4	73	Germin-like protein subfamily 1 member 15	1.00
40	Protein WAX2	74	Probable gibberellin receptor GID1L2	-0.97
62	Cationic peroxidase 1	75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	0.99
65	Germin-like protein subfamily 1 member 13	75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
67	Germin-like protein subfamily 1 member 15	75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
69	O-methyltransferase ZRP4	75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
73	Germin-like protein subfamily 1 member 15	75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
62	Cationic peroxidase 1	76	Probable NADH dehydrogenase	1.00
65	Germin-like protein subfamily 1 member 13	76	Probable NADH dehydrogenase	0.99
67	Germin-like protein subfamily 1 member 15	76	Probable NADH dehydrogenase	0.99
73	Germin-like protein subfamily 1 member 15	76	Probable NADH dehydrogenase	0.99
75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	76	Probable NADH dehydrogenase	0.99
51	GDSL esterase/lipase At1g29670	77	Heat shock cognate protein 80	1.00
53	Heat shock protein 83	77	Heat shock cognate protein 80	0.99
56	Major allergen Pru ar 1	77	Heat shock cognate protein 80	-0.98
59	23.6 kDa heat shock protein mitochondrial	77	Heat shock cognate protein 80	1.00
61	Uncharacterized membrane protein YOL092W	77	Heat shock cognate protein 80	-0.83
63	Chaperone protein ClpB 1	77	Heat shock cognate protein 80	1.00
68	Unkown Protein Function	77	Heat shock cognate protein 80	1.00
70	Heat shock factor protein HSF30	77	Heat shock cognate protein 80	0.99
53	Heat shock protein 83	78	Unkown Protein Function	1.00
54	Major allergen Pru av 1	78	Unkown Protein Function	-1.00
55	Major allergen Pru ar 1	78	Unkown Protein Function	-0.99
56	Major allergen Pru ar 1	78	Unkown Protein Function	-0.99

59	23.6 kDa heat shock protein mitochondrial	78	Unkown Protein Function	1.00
63	Chaperone protein ClpB 1	78	Unkown Protein Function	0.99
64	18.6 kDa class III heat shock protein	78	Unkown Protein Function	0.98
68	Unkown Protein Function	78	Unkown Protein Function	1.00
70	Heat shock factor protein HSF30	78	Unkown Protein Function	0.99
77	Heat shock cognate protein 80	78	Unkown Protein Function	1.00
8	Stilbene synthase 3	80	Expansin-A15	-0.93
17	(+)-delta-cadinene synthase isozyme A	80	Expansin-A15	-0.97
25	Proteasome subunit alpha type-2-B	80	Expansin-A15	-0.95
35	F-box/LRR-repeat protein At3g48880	80	Expansin-A15	0.96
41	Stilbene synthase 2	80	Expansin-A15	-0.94
52	Major allergen Pru av 1	80	Expansin-A15	-0.99
66	Thaumatococcus-like protein	80	Expansin-A15	-1.00
72	Pathogenesis-related protein R major form	80	Expansin-A15	-0.93
58	Glucan endo-1,3-beta-glucosidase basic isoform	81	Flavanone 3-dioxygenase	1.00
62	Cationic peroxidase 1	81	Flavanone 3-dioxygenase	1.00
65	Germin-like protein subfamily 1 member 13	81	Flavanone 3-dioxygenase	1.00
67	Germin-like protein subfamily 1 member 15	81	Flavanone 3-dioxygenase	1.00
69	O-methyltransferase ZRP4	81	Flavanone 3-dioxygenase	1.00
76	Probable NADH dehydrogenase	81	Flavanone 3-dioxygenase	1.00
42	Unkown Protein Function	82	RNA-binding protein 24	0.97
58	Glucan endo-1,3-beta-glucosidase basic isoform	82	RNA-binding protein 24	0.99
65	Germin-like protein subfamily 1 member 13	82	RNA-binding protein 24	0.99
67	Germin-like protein subfamily 1 member 15	82	RNA-binding protein 24	0.99
69	O-methyltransferase ZRP4	82	RNA-binding protein 24	0.99
76	Probable NADH dehydrogenase	82	RNA-binding protein 24	0.99
81	Flavanone 3-dioxygenase	82	RNA-binding protein 24	1.00
42	Unkown Protein Function	83	Ferredoxin--nitrite reductase chloroplastic	0.99
71	secretory protein putative	83	Ferredoxin--nitrite reductase chloroplastic	0.99
72	Pathogenesis-related protein R major form	83	Ferredoxin--nitrite reductase chloroplastic	0.94
76	Probable NADH dehydrogenase	83	Ferredoxin--nitrite reductase chloroplastic	0.97
81	Flavanone 3-dioxygenase	83	Ferredoxin--nitrite reductase chloroplastic	0.95
82	RNA-binding protein 24	83	Ferredoxin--nitrite reductase chloroplastic	0.96
22	60S ribosomal protein L7-3	84	Ankyrin-1	0.76

42	Unkown Protein Function	84	Ankyrin-1	-0.97
75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	84	Ankyrin-1	-0.96
51	GDSL esterase/lipase At1g29670	85	DnaJ homolog subfamily B member 13	1.00
55	Major allergen Pru ar 1	85	DnaJ homolog subfamily B member 13	-0.97
63	Chaperone protein ClpB 1	85	DnaJ homolog subfamily B member 13	1.00
68	Unkown Protein Function	85	DnaJ homolog subfamily B member 13	0.99
77	Heat shock cognate protein 80	85	DnaJ homolog subfamily B member 13	1.00
42	Unkown Protein Function	86	Unkown Protein Function	0.91
69	O-methyltransferase ZRP4	86	Unkown Protein Function	0.97
73	Germin-like protein subfamily 1 member 15	86	Unkown Protein Function	0.98
79	Putative phosphoethanolamine N-methyltransferase 2	86	Unkown Protein Function	-0.97
84	Ankyrin-1	86	Unkown Protein Function	-0.96
58	Glucan endo-1,3-beta-glucosidase basic isoform	87	Cucumber peeling cupredoxin	1.00
62	Cationic peroxidase 1	87	Cucumber peeling cupredoxin	1.00
65	Germin-like protein subfamily 1 member 13	87	Cucumber peeling cupredoxin	1.00
67	Germin-like protein subfamily 1 member 15	87	Cucumber peeling cupredoxin	1.00
69	O-methyltransferase ZRP4	87	Cucumber peeling cupredoxin	0.99
76	Probable NADH dehydrogenase	87	Cucumber peeling cupredoxin	1.00
81	Flavanone 3-dioxygenase	87	Cucumber peeling cupredoxin	1.00
82	RNA-binding protein 24	87	Cucumber peeling cupredoxin	1.00
83	Ferredoxin--nitrite reductase chloroplastic	87	Cucumber peeling cupredoxin	0.96
51	GDSL esterase/lipase At1g29670	88	HSP90 co-chaperone putative	1.00
55	Major allergen Pru ar 1	88	HSP90 co-chaperone putative	-0.98
56	Major allergen Pru ar 1	88	HSP90 co-chaperone putative	-0.98
63	Chaperone protein ClpB 1	88	HSP90 co-chaperone putative	1.00
68	Unkown Protein Function	88	HSP90 co-chaperone putative	0.99
77	Heat shock cognate protein 80	88	HSP90 co-chaperone putative	1.00
78	Unkown Protein Function	88	HSP90 co-chaperone putative	0.99
85	DnaJ homolog subfamily B member 13	88	HSP90 co-chaperone putative	1.00
61	Uncharacterized membrane protein YOL092W	89	expressed protein	0.99
64	18.6 kDa class III heat shock protein	89	expressed protein	-0.87
72	Pathogenesis-related protein R major form	89	expressed protein	0.94
77	Heat shock cognate protein 80	89	expressed protein	-0.87
17	(+)-delta-cadinene synthase isozyme A	90	Epidermis-specific secreted glycoprotein EP1	0.96

25	Proteasome subunit alpha type-2-B	90	Epidermis-specific secreted glycoprotein EP1	0.97
42	Unkown Protein Function	90	Epidermis-specific secreted glycoprotein EP1	0.94
52	Major allergen Pru av 1	90	Epidermis-specific secreted glycoprotein EP1	0.97
66	Thaumatococcus-like protein	90	Epidermis-specific secreted glycoprotein EP1	1.00
71	secretory protein putative	90	Epidermis-specific secreted glycoprotein EP1	0.99
72	Pathogenesis-related protein R major form	90	Epidermis-specific secreted glycoprotein EP1	0.96
42	Unkown Protein Function	91	Germin-like protein subfamily 1 member 15	0.98
58	Glucan endo-1,3-beta-glucosidase basic isoform	91	Germin-like protein subfamily 1 member 15	0.99
62	Cationic peroxidase 1	91	Germin-like protein subfamily 1 member 15	1.00
65	Germin-like protein subfamily 1 member 13	91	Germin-like protein subfamily 1 member 15	1.00
67	Germin-like protein subfamily 1 member 15	91	Germin-like protein subfamily 1 member 15	1.00
69	O-methyltransferase ZRP4	91	Germin-like protein subfamily 1 member 15	0.99
73	Germin-like protein subfamily 1 member 15	91	Germin-like protein subfamily 1 member 15	1.00
75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	91	Germin-like protein subfamily 1 member 15	1.00
76	Probable NADH dehydrogenase	91	Germin-like protein subfamily 1 member 15	1.00
82	RNA-binding protein 24	91	Germin-like protein subfamily 1 member 15	0.99
87	Cucumber peeling cupredoxin	91	Germin-like protein subfamily 1 member 15	1.00
51	GDSL esterase/lipase At1g29670	92	Heat shock 70 kDa protein	1.00
55	Major allergen Pru ar 1	92	Heat shock 70 kDa protein	-0.98
56	Major allergen Pru ar 1	92	Heat shock 70 kDa protein	-0.98
63	Chaperone protein ClpB 1	92	Heat shock 70 kDa protein	1.00
68	Unkown Protein Function	92	Heat shock 70 kDa protein	0.99
77	Heat shock cognate protein 80	92	Heat shock 70 kDa protein	1.00
78	Unkown Protein Function	92	Heat shock 70 kDa protein	0.99
85	DnaJ homolog subfamily B member 13	92	Heat shock 70 kDa protein	1.00
88	HSP90 co-chaperone putative	92	Heat shock 70 kDa protein	1.00
58	Glucan endo-1,3-beta-glucosidase basic isoform	93	Eugenol O-methyltransferase	1.00
65	Germin-like protein subfamily 1 member 13	93	Eugenol O-methyltransferase	0.99
67	Germin-like protein subfamily 1 member 15	93	Eugenol O-methyltransferase	0.99
69	O-methyltransferase ZRP4	93	Eugenol O-methyltransferase	1.00
73	Germin-like protein subfamily 1 member 15	93	Eugenol O-methyltransferase	0.99

81	Flavanone 3-dioxygenase	93	Eugenol O-methyltransferase	0.99
82	RNA-binding protein 24	93	Eugenol O-methyltransferase	0.99
86	Unkown Protein Function	93	Eugenol O-methyltransferase	0.95
87	Cucumber peeling cupredoxin	93	Eugenol O-methyltransferase	0.99
91	Germin-like protein subfamily 1 member 15	93	Eugenol O-methyltransferase	0.99
17	(+)-delta-cadinene synthase isozyme A	94	Unkown Protein Function	0.96
25	Proteasome subunit alpha type-2-B	94	Unkown Protein Function	0.99
42	Unkown Protein Function	94	Unkown Protein Function	0.98
66	Thaumatococcus-like protein	94	Unkown Protein Function	0.97
71	secretory protein putative	94	Unkown Protein Function	0.98
80	Expansin-A15	94	Unkown Protein Function	-0.95
83	Ferredoxin--nitrite reductase chloroplastic	94	Unkown Protein Function	0.99
90	Epidermis-specific secreted glycoprotein EP1	94	Unkown Protein Function	0.98
58	Glucan endo-1,3-beta-glucosidase basic isoform	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	0.99
62	Cationic peroxidase 1	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
65	Germin-like protein subfamily 1 member 13	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
67	Germin-like protein subfamily 1 member 15	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
69	O-methyltransferase ZRP4	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
73	Germin-like protein subfamily 1 member 15	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
75	Probable xyloglucan endotransglucosylase/hydrolase protein 23	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
76	Probable NADH dehydrogenase	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	0.99
81	Flavanone 3-dioxygenase	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	0.99
87	Cucumber peeling cupredoxin	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	0.99
91	Germin-like protein subfamily 1 member 15	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	1.00
93	Eugenol O-methyltransferase	95	Probable xyloglucan endotransglucosylase/hydrolase protein 23	0.99

76	Probable NADH dehydrogenase	96	DNA replication licensing factor MCM2	-0.93
79	Putative phosphoethanolamine N-methyltransferase 2	96	DNA replication licensing factor MCM2	0.97
84	Ankyrin-1	96	DNA replication licensing factor MCM2	0.99
86	Unkown Protein Function	96	DNA replication licensing factor MCM2	-0.98
51	GDSL esterase/lipase At1g29670	97	Heat shock cognate 70 kDa protein 2	1.00
55	Major allergen Pru ar 1	97	Heat shock cognate 70 kDa protein 2	-0.98
56	Major allergen Pru ar 1	97	Heat shock cognate 70 kDa protein 2	-0.98
59	23.6 kDa heat shock protein mitochondrial	97	Heat shock cognate 70 kDa protein 2	0.99
63	Chaperone protein ClpB 1	97	Heat shock cognate 70 kDa protein 2	1.00
68	Unkown Protein Function	97	Heat shock cognate 70 kDa protein 2	0.99
77	Heat shock cognate protein 80	97	Heat shock cognate 70 kDa protein 2	1.00
78	Unkown Protein Function	97	Heat shock cognate 70 kDa protein 2	0.99
85	DnaJ homolog subfamily B member 13	97	Heat shock cognate 70 kDa protein 2	1.00
88	HSP90 co-chaperone putative	97	Heat shock cognate 70 kDa protein 2	1.00
92	Heat shock 70 kDa protein	97	Heat shock cognate 70 kDa protein 2	1.00
61	Uncharacterized membrane protein YOL092W	98	Probable serine/threonine-protein kinase WNK4	0.98
64	18.6 kDa class III heat shock protein	98	Probable serine/threonine-protein kinase WNK4	-0.85
77	Heat shock cognate protein 80	98	Probable serine/threonine-protein kinase WNK4	-0.87
89	expressed protein	98	Probable serine/threonine-protein kinase WNK4	0.99
53	Heat shock protein 83	99	Expansin-A8	1.00
54	Major allergen Pru av 1	99	Expansin-A8	-1.00
55	Major allergen Pru ar 1	99	Expansin-A8	-0.99
56	Major allergen Pru ar 1	99	Expansin-A8	-0.99
59	23.6 kDa heat shock protein mitochondrial	99	Expansin-A8	1.00
64	18.6 kDa class III heat shock protein	99	Expansin-A8	0.99
68	Unkown Protein Function	99	Expansin-A8	1.00
70	Heat shock factor protein HSF30	99	Expansin-A8	1.00
78	Unkown Protein Function	99	Expansin-A8	1.00
97	Heat shock cognate 70 kDa protein 2	99	Expansin-A8	0.98
52	Major allergen Pru av 1	100	Inorganic phosphate transporter 1-4	1.00
64	18.6 kDa class III heat shock protein	100	Inorganic phosphate transporter 1-4	-0.97
66	Thaumatococcus-like protein	100	Inorganic phosphate transporter 1-4	0.98

70	Heat shock factor protein HSF30	100	Inorganic phosphate transporter 1-4	-0.94
71	secretory protein putative	100	Inorganic phosphate transporter 1-4	0.96
72	Pathogenesis-related protein R major form	100	Inorganic phosphate transporter 1-4	0.97
80	Expansin-A15	100	Inorganic phosphate transporter 1-4	-0.98
90	Epidermis-specific secreted glycoprotein EP1	100	Inorganic phosphate transporter 1-4	0.97