

Table 9. Transcripts showing a delayed HL-repression in the hpAtPARP2 plants, sorted according to functional category

Functional category	Affymetrix Probe set name	AGI code (TAIR 2004-06-01)	Description	Fold change hpAtPARP2 vs C24-0h	Fold change hpAtPARP2 vs C24-2h	Fold change hpAtPARP2 vs C24-4h	Fold change hpAtPARP2 vs C24-6h
Transcription factor (14)							
	258026_at	At3g19290	ABA-responsive element-binding protein 2 (AREB2)	1.571	1.293	1.477	1.602
	247041_at	At5g67180	AP2 domain-containing transcription factor	1.080	1.249	1.378	2.198
	245593_at	At4g14550	Auxin-responsive AUX/IAA protein (IAA14)	1.727	1.158	1.214	1.339
	259417_at	At1g02340	bHLH transcription factor 26 (HFR1)	1.916	1.253	1.702	1.792
	247340_at	At5g63700	C3HC4 type RING finger family protein	1.096	1.087	1.041	1.680
	253105_at	At4g35840	C3HC4-type RING finger family protein	1.056	1.159	1.039	1.572
	250320_at	At5g12840	CCAAT-binding transcription factor (CBF-B/NF-YA)	-1.009	1.343	1.496	1.670
	247601_at	At5g60850	Dof-type zinc finger domain-containing protein	1.515	1.228	1.440	1.744
	247452_at	At5g62430	Dof-type zinc finger domain-containing protein	1.154	1.126	1.574	1.790
	246211_at	At4g36730	G-box binding factor 1 (GBF1)	1.341	1.082	1.411	1.127
	250167_at	At5g15310	Myb family transcription factor (MYB106)	1.681	1.286	1.591	2.063
	257855_at	At3g13040	Myb family transcription factor	-1.002	1.028	1.178	1.439
	262969_at	At1g75710	Zinc finger (C2H2 type) family protein	-1.075	1.675	1.361	1.911
	266695_at	At2g19810	Zinc finger (CCCH-type) family protein	1.739	1.647	1.639	1.883
Photosynthesis (3)							
	251814_at	At3g54890	Chlorophyll A-B binding protein	1.095	1.032	1.164	1.225
	258239_at	At3g27690	Chlorophyll A-B binding protein (LHCB2:4)	1.180	1.077	1.654	1.819
	262632_at	At1g06680	Photosystem II oxygen-evolving complex 23	1.065	1.084	1.140	1.165
Transport (3)							
	254034_at	At4g25960	Multidrug resistance P-glycoprotein, putative	1.049	1.246	-1.082	1.489
	248344_at	At5g52280	Protein transport protein-related	1.268	1.377	1.320	1.440
	255690_at	At4g00370;At4g00360	Sugar transporter protein	1.222	1.267	1.086	1.419
Signal transduction (2)							
	266600_at	At2g46070	Mitogen-activated protein kinase AtMPK12	1.060	1.286	1.614	1.525
	259541_at	At1g20650	Protein kinase family protein	1.563	1.217	1.354	2.002
Unknown (12)							
	261131_at	At1g19835	Expressed protein	1.423	1.285	1.489	1.864
	264899_at	At1g23130	Expressed protein	1.309	1.304	1.341	1.318
	255737_at	At1g25420	Expressed protein	1.218	1.194	1.262	1.294
	262313_at	At1g70900	Expressed protein	1.372	1.301	1.316	1.242
	259091_at	At3g04890	Expressed protein	-1.021	1.100	1.398	1.582
	258040_at	At3g21190	Expressed protein	-1.302	1.119	1.130	1.452
	252412_at	At3g47295	Expressed protein	1.031	1.250	1.420	1.430
	252023_at	At3g52920	Expressed protein	1.160	1.044	1.222	1.579
	251141_at	At5g01075	Expressed protein	1.182	1.684	1.532	1.972
	250189_at	At5g14410	Expressed protein	1.310	1.061	1.542	2.143
	249011_at	At5g44670	Expressed protein	-1.369	1.340	2.009	2.611
	247186_at	At5g65470	Expressed protein	1.219	1.295	1.246	1.681
Miscellaneous (22)							
	259012_at	At3g07360	Armadillo/beta-catenin repeat family protein	1.381	1.350	1.568	1.592
	247461_at	At5g62100	BAG domain-containing protein	1.693	1.831	1.859	2.553
	250233_at	At5g13460	Calmodulin-binding family protein	1.313	1.145	1.220	1.709
	249327_at	At5g40890	Chloride channel protein (CLC-a)	1.316	1.082	1.396	1.533
	245550_at	At4g15330	Cytochrome P450 family protein	1.022	1.505	-1.050	2.205
	264539_at	At1g55590	F-box family protein	1.377	1.388	1.246	1.149
	260949_at	At1g06110	F-box family protein	1.217	1.115	1.276	1.422
	253042_at	At4g37550	Formamide amidohydrolase, putative	1.291	1.214	1.501	1.938
	256020_at	At1g58290	Glutamyl-tRNA reductase 1	1.367	-1.006	1.094	1.455
	260010_at	At1g68020	Glycosyl transferase family 20 protein	1.610	1.109	1.311	1.130
	265817_at	At2g18050	Histone H1-3 (HIS1-3)	2.189	1.444	2.858	2.208
	263751_at	At2g21300	Kinesin motor family protein	-1.148	1.166	-1.016	1.948
	254547_at	At4g19860	Lecithin:cholesterol acyltransferase family protein	1.345	1.042	1.449	1.324
	257093_at	At3g20570	Plastocyanin-like domain-containing protein	1.176	1.593	1.714	1.266
	256785_at	At3g13720	Prenylated rab acceptor (PRA1)	1.067	1.178	1.511	1.460
	259660_at	At1g55260	Protease inhibitor/seed storage/lipid transfer protein	-1.120	1.198	1.103	1.513
	263979_at	At2g42840	Protodermal factor 1 (PDF1)	1.206	1.778	1.294	1.445
	259287_at	At3g11490	Rac GTPase activating protein	1.070	1.157	1.036	1.875
	264802_at	At1g08560	Syntaxin-related protein	1.315	1.748	1.122	1.475
	253093_at	At4g37460	Tetrapeptide repeat (TPR)-containing protein	1.183	1.181	1.025	1.254
	256527_at	At1g66100	Thionin, putative	1.298	1.133	1.484	1.476
	248796_at	At5g47180	Vesicle-associated membrane family protein	1.638	1.388	1.568	1.617