Appendix

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Appendix Figure Legends

Appendix Fig S1. BES1/BZR1 family members have similar DNA binding patterns *in vitro*.

A Phylogenetic tree of the BES1/BZR1 family members. The tree also contains the BES1-like protein BAM8.

B Density plots for the presence of the DNA elements indicated (BRRE, G-box and PBE) in the strongest 1,000 peaks bound by the different BES1/BZR1 family members. DAP-Seq experiments were obtained from O'Malley et al. (2016). Coordinate 0 corresponds to the central position of the DNA interval. DNA intervals were scanned with the 'dna-pattern' tool in RSAT (http://pedagogix-tagc.univ-mrs.fr/rsat/RSAT_portal.html) for the DNA elements: BRRE, CACGTGYG, being Y, C or T; G, CACGTG; and PBE, CATGTG.

C Consensus sequences derived from the 200 bp sequences corresponding to the highest 1,000 peaks bound by the different BES1/BZR1 family members. Sequence logos were obtained from the DAP-Seq experiments with MEME (http://meme-suite.org/tools/meme).

Appendix Fig S2. BES1 physically interacts with PIF4 through both the bHLH and C-terminal protein region, downstream the PEST domain.

A Yeast Two-Hybrid assays showing PIF4 and BES1 interaction. A schematic representation of the conserved domains of PIF4 and BES1, and the deletions generated to map the interacting domains is shown. Bait (BD) and prey (AD) constructs were co-transformed into yeast cells as indicated. Growth on selective SD-LWHA media indicates interaction. The BD and AD constructs were co-transformed with the empty pGADT7 or pGBKT7 vectors, to exclude an auto-activation effect. The PIF4del2 and del3 deletions, including the bHLH domain, bind the BES1 protein. Two domains in the BES1 protein are involved in PIF4 interaction: the N-terminal bHLH domain (binding is observed for BES1del3, but not BESdel1), and the C-terminal end of the protein (BES1del4).

B BiFC assays showing BES1 and PIF4 interaction. Nuclear YFP fluorescence is observed in *Nicotiana benthamiana* epidermal cells co-infiltrated with the PIF4-eYFP^C and BES1-eYFP^N constructs. These protein fusions were expressed with the eYFP^N and eYFP^C empty vectors as negative controls.

Chlorophyll panels show the auto-fluorescence of chloroplasts. Scale bars represent 20 μm in the first panel and 100 μm in the second and third panels.

C BiFC assays showing nuclear interaction of PIF4 and the BES1 bHLH domain (delN), as well as the C-terminal BES1 (del2) region. The delN deletion includes amino acid 1 to 98, while del2 includes amino acid 97 to 335. In red is shown the auto-fluorescence of chloroplasts. Scale bar represents 20 μm.

Appendix Fig S3. Transcript levels of PIF+BES-UP and BES-DOWN targets in the constitutively active *bes1-D* mutant.

Analysis of the diurnal expression profile of PIF+BES-UP targets and genes involved in BR synthesis, in the Col-0 (black) and *bes1-D* (green) backgrounds. Samples were collected at the indicated time points and expression of the genes was analyzed by qRT-PCR. *PP2A* was used as an endogenous control for the qPCR. Error bars represent SD of three technical replicates. Dark periods are shown in grey. The experiment was performed twice with similar results.

Appendix Fig S4. Transcript levels of PIF+BES-UP and BES-DOWN targets in the constitutively active *bzr1-1D* mutant.

Analysis of the diurnal expression profile of PIF+BES-UP targets and genes involved in BR synthesis, in the Col-0 (black) and *bzr1-1D* (green) backgrounds. Samples were collected at the indicated time points and expression of the genes was analyzed by qRT-PCR. *PP2A* was used as an endogenous control for the qPCR. Error bars represent SD of two biological replicates. Dark periods are shown in grey.

Appendix Fig S5. Stability of the two BES1 isoforms BES1-Long (BES1-L) and BES1-Short (BES1-S) during the day and PIF+BES-UP transcript levels in *bes1* and *bzr1* knock-out mutants.

A Analysis of the diurnal expression profiles of PIF+BES-UP targets: *XTR7*, *PRE5*, and *IAA19* in Col-0, *bes1* and *bzr1* knock-out mutants (*bes1* KO and *bzr1* KO). Samples were collected at the indicated time points and gene expression was analyzed by qRT-PCR. *PP2A* was used as the endogenous

control. Error bars represent SD of three technical replicates. Dark periods are shown in grey.

B Six day-old *35S*::BES1-L-GFP (long isoform) and *35S*::BES1-S-GFP (short isoform) seedlings were collected at the indicated time points and protein abundance analyzed by western blot studies using an anti-GFP antibody. Lanes were loaded with 70 µg of the total protein extract for BES1-L detection, and 30 µg for detection of the BES1-S isoform. Hybridization with anti-RPT5 is included as a loading control.

C Analysis of *BES1*-L and *BES1*-S transcript levels in six day-old Col-0 seedlings. Samples were collected at the indicated time points and gene expression analyzed by qRT-PCR, using primers BES1-S-qPCR-F and BES1-S-qPCR-R (*BES1*-S); and BES1-L-qPCR-F and BES1-L-qPCR-R (*BES1*-L) as in Jiang et al. (2015). *PP2A* was used as endogenous control. Dark periods are shown in grey.

D Diurnal oscillation of the *BES1-GFP* transcript in 6 day-old *35S::BES1-GFP* plants. Seedlings were grown in short days and samples harvested at the indicated time points. Gene expression was analyzed by qRT-PCR, using primers qGFP-F and qGFP-R. *PP2A* was used as endogenous control. Error bars represent SD of three technical replicates. Shading indicates dark periods.

Appendix Fig S6. Thermomorphogenic hypocotyl elongation depends on PIFs activity and BRs.

A Both PIFs function and increased BR levels are required for hypocotyl elongation in response to warm temperature. Seedlings were grown for two days at 22ºC before transferring them to plates supplemented with 300 nM epi-brassinolide (BL) or 0.5 µM brassinazole (BRZ), and then grown for 4 additional days at 22ºC or 28ºC.

B Box-plot showing the hypocotyl lengths of Col-0, *pif4pif5* and *pifq* seedlings grown for 4 days on half strength MS media (mock), or on media supplemented with eBL or BRZ. Boxes represent the 25-75% quartiles and the black line the median of distribution. Bars indicate the 1–25% (above) and 75–100% (below) quartiles.

Appendix Table S1. BES1 and BZR1-regulated genes identified in our microarray studies (Columns *bes1D*_Col and *bes1Dpif45_pif45*, GSE85211) and compiled from published expression data. Numbers in the first row indicate the publications from which the gene datasets have been extracted: 1. Goda *et al.*, 2008; 2. Goda *et al.*, 2004; 3. Nemhauser *et al.*, 2006; 4. Nemhauser *et al.*, 2004; 5. Vert *et al.*, 2005, 6. Oh *et al.*, 2012 and 7. Sun *et al.*, 2010. In the BES_ALL column, 1 indicates upregulation and -1 indicates downregulation. Induced genes have been coloured in red and repressed genes in green, and an increasing colour intensity has been used according to the number of experiments where each gene was found to be regulated by BES1 or BZR1.

Appendix Table S2. PIF-regulated genes identified in our microarray studies (Columns *bes1D*_Col and *bes1Dpif45_pif45*, GSE85211) and compiled from published expression data. Numbers in the first row indicate the publications from which the gene datasets have been extracted: 1. Hornitschek *et al.*, 2012; 2. Leivar *et al.*, 2009; 3. Lorrain *et al.*, 2009; 4. Nozue *et al.*, 2011; 5. Oh *et al.*, 2012; 6. Shin *et al.*, 2009 and 7. Zhang *et al.*, 2013. In the PIF_ALL column, 1 indicates upregulation and -1 indicates downregulation. Induced genes have been coloured in red and repressed genes in green, and an increasing colour intensity has been used according to the number of experiments where each gene was found to be PIF-regulated.

Appendix Table S3. BES1 and BZR1 target genes retrieved from published ChIP-ChIP and ChIP-seq experiments. Names in the first row correspond to the publications from which the datasets have been extracted: BES_target: Yu *et al.*, 2011; BZR1_target: Sun *et al.*, 2010; BESBZR_target: BES1 or BZR1 target. Genes highlighted in pink were identified in both ChIP experiments.

Appendix Table S4. PIF target genes retrieved from published ChIP-ChIP and ChIP-seq experiments. PIF3, PIF4 and PIF5 target genes have been obtained from datasets published in Hornitschek *et al.*, 2012, Oh *et al.*, 2012 and Zhang *et al.*, 2013. Genes identified as direct targets of two or three PIFs have been highlighted in light and dark pink, respectively.

Appendix Table S5. List of primers used in this study.

Appendix Fig S1
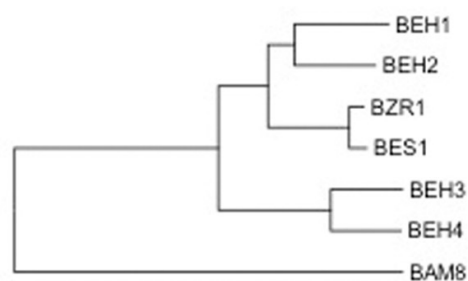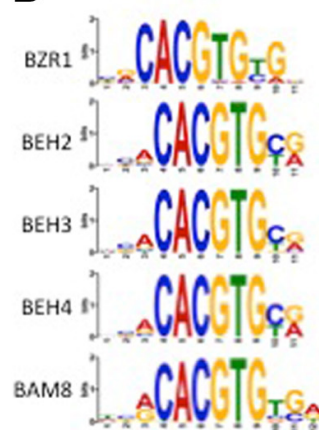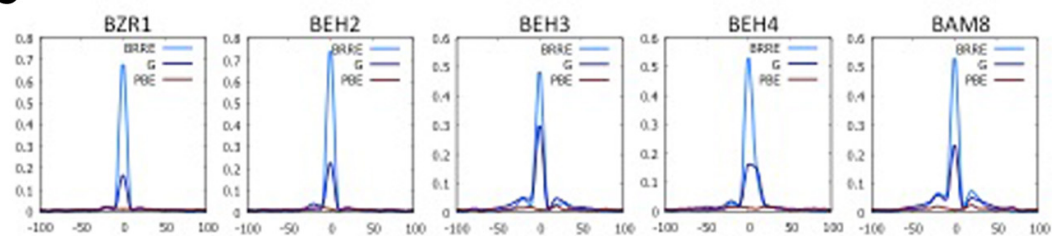
Appendix Fig S2

A

B

C

Appendix Fig S3

BES1-PIF Activated genes   BES1 Inhibited genes   ● Col-0   ● bes1-D
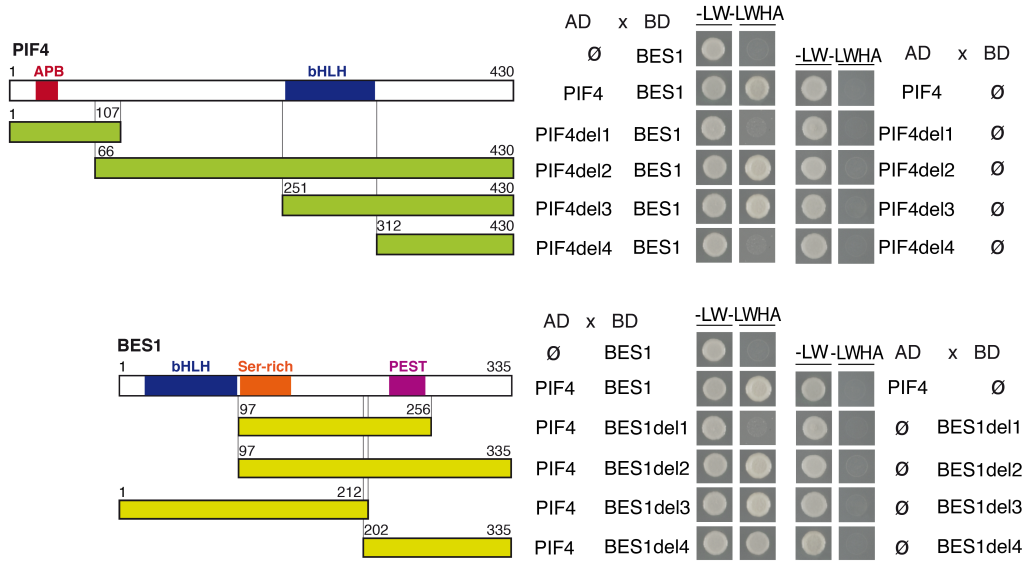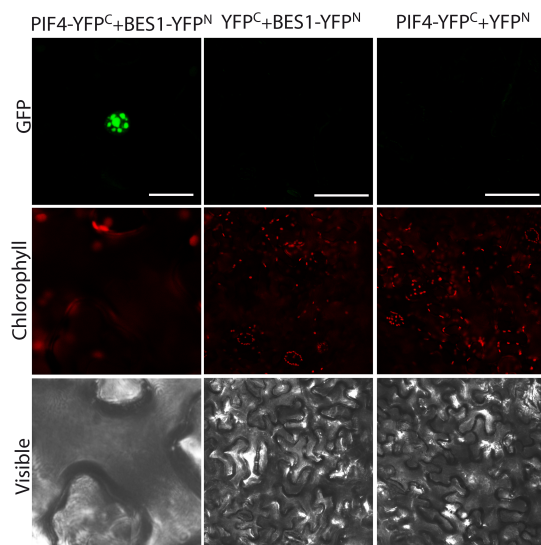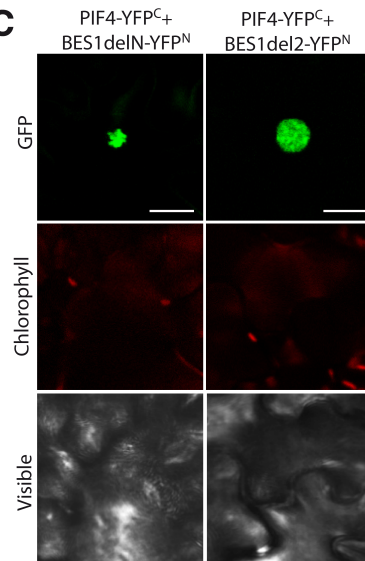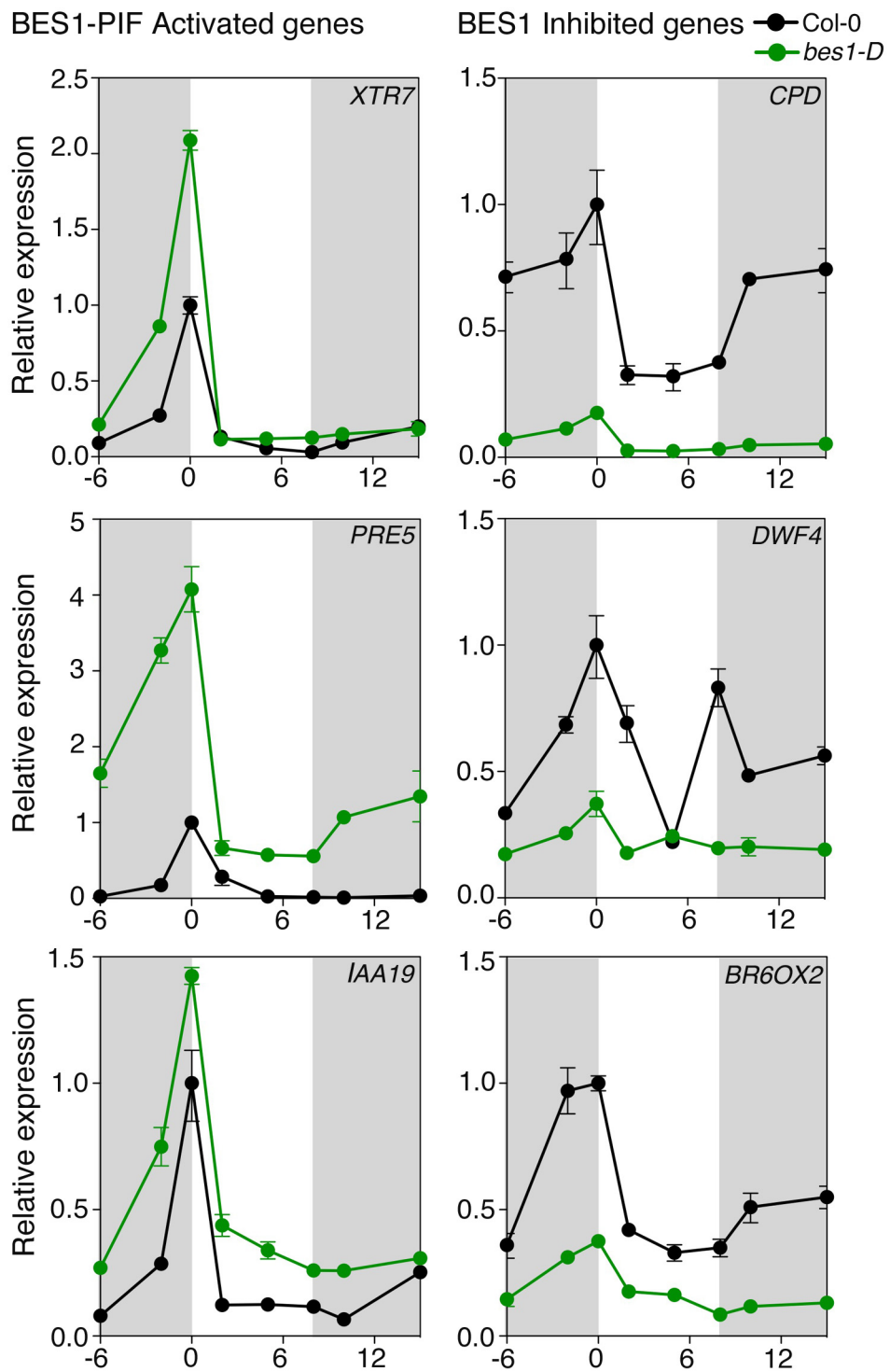
Appendix Fig S4

Appendix Fig S5

A

B

35S::BES1-L-GFP   *35S*::BES1-S-GFP

C

D
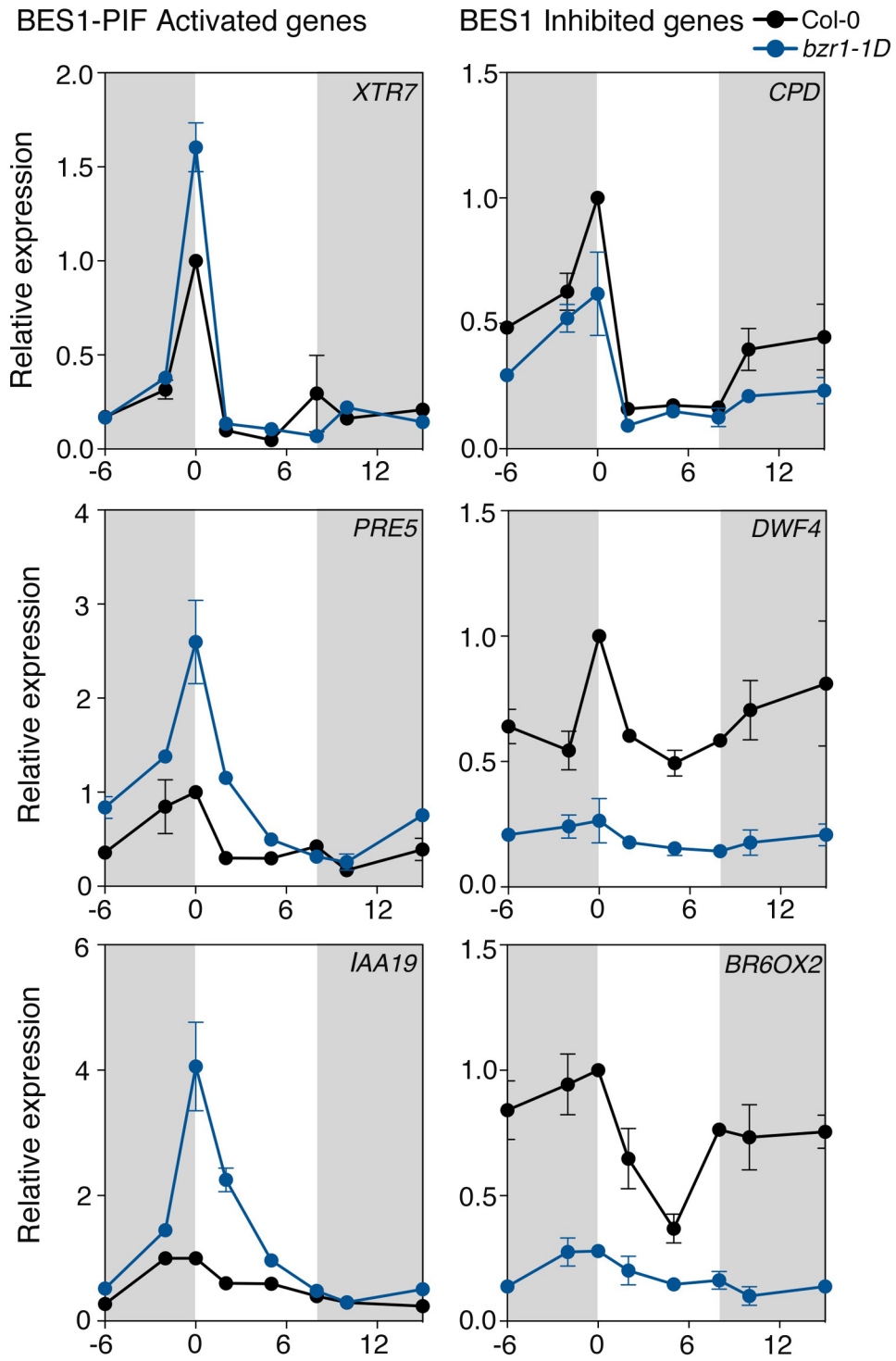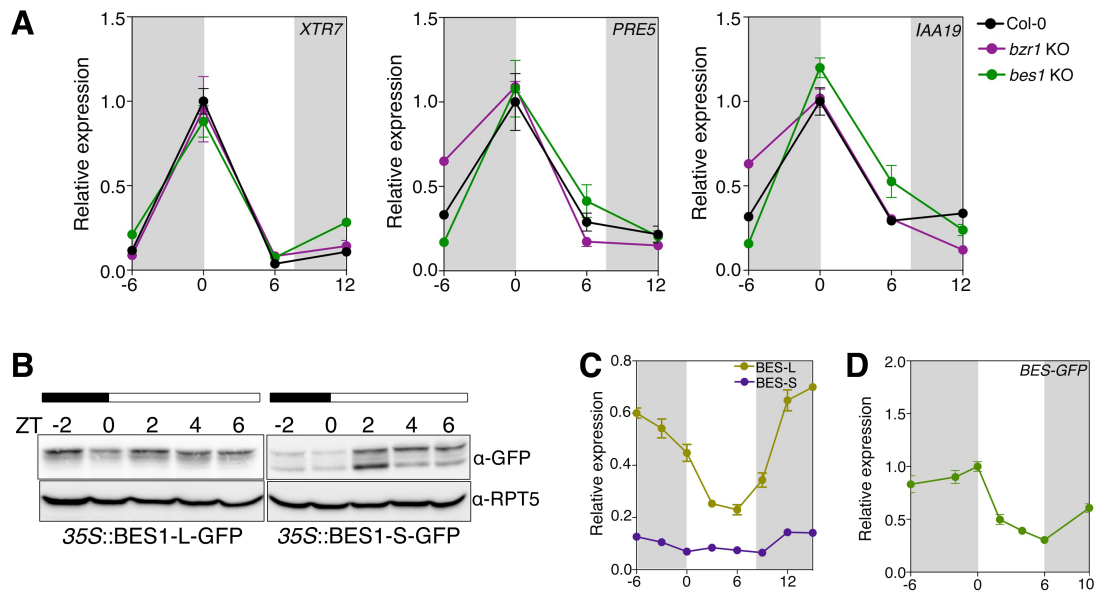
Appendix Fig S6
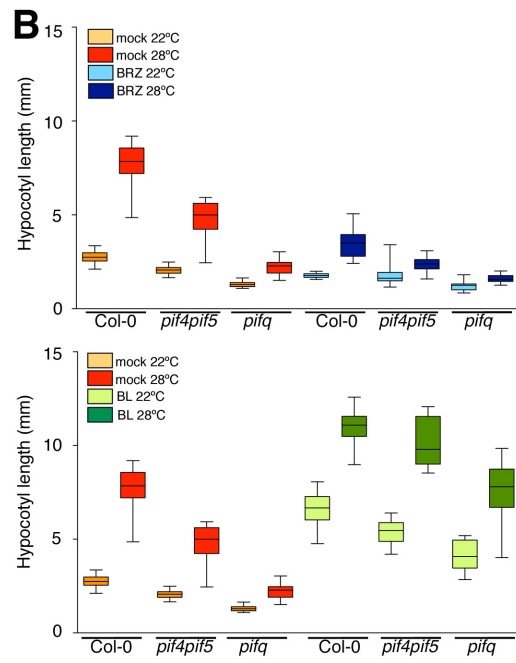
Appendix Table S1. BES1-regulated genes according to differential expression data. See legend for details.

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G01050	0	0	0	0	0	0	-1	0	0	-1
AT1G01080	0	0	0	0	0	0	-1	0	0	-1
AT1G01120	1	1	0	1	0	1	1	0	0	1
AT1G01130	1	1	0	0	0	0	0	0	0	1
AT1G01170	0	0	0	0	0	0	-1	0	0	-1
AT1G01190	0	0	0	0	0	0	0	1	1	1
AT1G01210	0	0	0	0	0	0	-1	0	0	-1
AT1G01300	0	0	0	0	0	0	-1	0	0	-1
AT1G01340	0	0	0	0	0	0	0	1	0	1
AT1G01390	0	0	0	0	0	0	-1	0	0	-1
AT1G01420	0	0	-1	0	0	0	0	0	0	-1
AT1G01470	0	0	-1	0	0	0	0	0	0	-1
AT1G01480	0	0	0	0	0	1	0	0	0	1
AT1G01510	0	0	0	0	0	0	-1	0	0	-1
AT1G01540	1	1	0	0	0	0	0	0	0	1
AT1G01560	0	0	0	0	0	0	0	1	0	1
AT1G01600	0	0	1	0	0	1	1	0	1	1
AT1G01620	0	0	0	0	0	0	1	0	0	1
AT1G01630	0	0	0	0	0	0	1	0	0	1
AT1G01650	0	0	0	0	0	0	-1	0	0	-1
AT1G01680	0	0	0	0	0	0	0	1	1	1
AT1G01750	0	0	0	0	0	-1	0	0	0	-1
AT1G01780	0	0	0	0	0	0	1	0	0	1
AT1G01900	0	0	0	0	0	1	1	0	1	1
AT1G01970	0	0	0	0	0	0	-1	0	0	-1
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AT1G02280	0	0	0	-1	0	0	0	0	0	-1
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AT1G02470	0	0	0	0	0	1	0	1	0	1
AT1G02475	0	0	0	0	0	0	-1	0	0	-1
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AT1G02660	0	0	0	0	0	1	1	0	0	1
AT1G02670	0	0	0	0	0	1	0	0	0	1
AT1G02690	0	0	-1	0	0	0	0	0	0	-1
AT1G02730	0	0	0	0	0	1	0	0	0	1
AT1G02770	0	0	0	0	0	1	0	0	0	1
AT1G02800	0	0	0	0	0	1	0	0	0	1
AT1G02810	0	0	0	0	0	1	1	0	0	1
AT1G02820	0	0	0	0	0	0	-1	0	0	-1
AT1G02850	0	0	0	0	0	-1	-1	0	0	-1
AT1G02860	1	1	1	0	0	0	1	0	0	1
AT1G02890	0	0	-1	0	0	0	0	0	0	-1
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AT1G02920	0	0	0	1	0	0	0	1	0	1
AT1G02930	0	0	0	0	0	0	0	1	0	1
AT1G02950	0	0	0	0	0	0	0	0	1	1
AT1G03030	0	0	-1	0	0	0	0	0	0	-1
AT1G03170	0	0	0	0	0	-1	0	0	0	-1
AT1G03180	0	0	0	0	0	-1	0	0	0	-1
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AT1G03370	0	0	0	1	0	0	0	0	0	1
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AT1G03440	0	0	0	0	0	0	-1	0	0	-1

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AT1G03600	0	0	0	0	0	0	-1	0	0	-1
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AT1G03630	0	0	0	0	0	0	0	-1	0	-1
AT1G03680	0	0	0	0	0	0	-1	0	0	-1
AT1G03687	0	0	0	0	0	0	-1	0	0	-1
AT1G03780	0	0	0	0	0	1	0	0	0	1
AT1G03820	0	0	0	0	0	1	0	0	0	1
AT1G03850	0	0	0	0	0	0	1	0	0	1
AT1G03870	1	1	1	1	0	1	1	0	0	1
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AT1G03980	0	0	0	0	0	1	0	0	0	1
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AT1G05660	0	0	0	0	0	0	0	0	-1	-1
AT1G05680	0	0	0	0	0	-1	0	0	0	-1
AT1G05760	0	0	0	0	0	0	0	0	1	1

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AT1G06110	0	0	0	0	0	0	-1	0	0	-1
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AT1G06137	0	0	0	0	0	0	0	1	0	1
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AT1G07940	0	0	0	0	0	0	0	0	-1	-1
AT1G07970	0	0	0	0	0	0	-1	0	0	-1
AT1G08050	0	0	0	0	0	1	0	0	0	1
AT1G08090	0	0	0	0	0	0	0	0	-1	-1
AT1G08105	0	0	0	0	0	-1	0	0	0	-1
AT1G08210	0	0	0	0	0	0	-1	0	0	-1
AT1G08220	0	0	-1	0	0	0	0	0	0	-1
AT1G08230	-1	-1	0	0	0	0	-1	0	0	-1
AT1G08310	0	0	0	0	0	1	0	0	0	1
AT1G08380	0	0	0	0	0	0	-1	0	0	-1
AT1G08450	0	0	0	0	0	0	1	0	0	1
AT1G08460	0	0	0	0	0	0	-1	0	0	-1
AT1G08500	0	1	0	0	0	1	1	0	0	1
AT1G08510	0	0	0	0	0	0	1	0	0	1
AT1G08560	0	0	0	0	0	1	1	0	0	1
AT1G08590	0	0	0	0	0	0	1	0	0	1
AT1G08640	0	0	0	0	0	0	-1	0	0	-1
AT1G08650	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G08670	0	0	0	0	0	0	1	0	0	1
AT1G08680	0	0	0	0	0	0	1	0	0	1
AT1G08735	0	0	0	0	0	1	0	0	0	1
AT1G08800	0	0	0	0	0	0	1	0	0	1
AT1G08930	0	0	0	0	0	0	1	0	0	1
AT1G08980	0	0	0	0	0	0	-1	0	0	-1
AT1G09090	0	0	0	-1	0	0	0	0	0	-1
AT1G09155	0	0	0	0	0	-1	0	0	0	-1
AT1G09180	0	0	0	0	0	1	0	0	0	1
AT1G09200	0	0	0	0	0	0	1	0	0	1
AT1G09240	0	0	0	0	0	1	0	0	0	1
AT1G09280	0	0	0	0	0	0	-1	0	0	-1
AT1G09310	0	0	0	0	0	0	1	0	0	1
AT1G09340	0	0	0	0	0	0	-1	0	0	-1
AT1G09420	0	0	0	0	0	1	0	0	0	1
AT1G09460	0	0	0	0	0	0	1	0	0	1
AT1G09486	0	0	0	0	0	-1	0	0	0	-1
AT1G09530	0	0	0	-1	0	0	0	0	0	-1
AT1G09540	0	1	0	0	0	1	0	0	0	1
AT1G09560	0	0	0	0	0	0	0	0	1	1
AT1G09575	0	0	0	0	0	0	-1	0	0	-1
AT1G09650	0	0	0	0	0	1	0	0	0	1
AT1G09660	0	0	0	0	0	0	-1	0	0	-1
AT1G09740	0	0	0	0	0	0	1	0	0	1
AT1G09750	0	0	0	0	0	1	0	0	0	1
AT1G09812	0	0	0	0	0	1	0	0	0	1
AT1G09820	0	0	0	0	0	1	0	0	0	1
AT1G09890	0	0	0	0	0	1	0	0	0	1
AT1G09900	0	0	0	0	0	0	-1	0	0	-1
AT1G09930	0	0	0	0	0	1	0	0	0	1
AT1G09932	0	0	0	0	0	1	0	1	0	1
AT1G09970	0	0	0	0	0	0	1	0	0	1
AT1G09995	0	0	0	0	0	-1	0	0	0	-1
AT1G10000	0	0	0	0	0	-1	0	0	0	-1
AT1G10020	0	0	-1	0	0	0	0	0	0	-1
AT1G10050	0	0	0	0	0	0	1	0	0	1
AT1G10060	0	0	0	0	0	-1	0	0	0	-1
AT1G10090	0	0	0	0	0	0	1	0	0	1
AT1G10100	0	0	0	0	0	1	0	0	0	1
AT1G10110	0	0	0	0	0	1	0	0	0	1
AT1G10140	0	0	1	0	0	0	1	0	0	1
AT1G10160	0	0	0	0	0	-1	0	0	0	-1
AT1G10290	0	0	-1	0	0	0	0	0	0	-1
AT1G10370	0	0	0	0	0	1	0	0	0	1
AT1G10380	0	0	0	0	0	1	0	0	0	1
AT1G10450	0	0	0	-1	0	0	0	0	0	-1
AT1G10470	0	0	0	0	0	0	0	0	-1	-1
AT1G10480	0	0	0	0	0	1	0	0	0	1
AT1G10490	0	0	0	0	0	1	0	0	0	1
AT1G10522	0	0	0	0	0	0	-1	0	-1	-1
AT1G10540	0	0	0	0	0	1	0	0	0	1
AT1G10550	1	1	1	1	1	0	0	0	0	1
AT1G10640	0	0	0	0	0	0	1	0	0	1
AT1G10650	0	0	0	0	0	0	1	0	0	1
AT1G10720	0	0	0	0	0	0	1	0	0	1
AT1G10740	1	1	1	0	0	0	0	0	0	1
AT1G10830	0	0	-1	0	0	0	0	0	0	-1
AT1G10920	0	0	0	0	0	1	0	0	0	1
AT1G10960	0	0	0	0	0	0	-1	0	0	-1
AT1G11000	0	0	0	0	0	0	1	0	0	1
AT1G11070	0	0	0	0	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G11080	0	0	0	0	0	1	0	0	0	1
AT1G11120	0	0	0	0	0	1	0	0	0	1
AT1G11150	0	0	0	0	0	-1	0	0	0	-1
AT1G11190	0	0	0	0	0	1	0	0	0	1
AT1G11250	0	0	0	0	0	1	0	0	0	1
AT1G11260	0	0	1	1	0	0	0	0	0	1
AT1G11270	0	0	0	0	0	0	-1	0	0	-1
AT1G11350	-1	-1	-1	0	0	0	0	0	0	-1
AT1G11370	0	0	0	0	0	1	0	0	0	1
AT1G11410	1	1	0	0	0	0	1	0	0	1
AT1G11540	0	0	0	0	0	0	0	0	-1	-1
AT1G11545	1	1	1	0	0	0	1	0	0	1
AT1G11580	0	0	0	0	0	0	1	0	0	1
AT1G11670	0	0	0	0	0	0	1	0	0	1
AT1G11720	0	0	-1	0	0	0	0	0	0	-1
AT1G11740	0	0	0	0	0	1	0	0	0	1
AT1G11790	0	0	0	0	0	0	-1	0	0	-1
AT1G11850	0	0	0	0	0	0	-1	0	0	-1
AT1G11870	0	0	0	0	0	0	-1	0	0	-1
AT1G12000	0	0	0	0	0	0	1	0	0	1
AT1G12010	0	0	0	0	0	-1	0	0	0	-1
AT1G12040	0	0	0	-1	0	-1	0	0	0	-1
AT1G12080	0	0	0	1	0	1	1	0	0	1
AT1G12090	0	0	0	0	0	1	1	0	0	1
AT1G12110	0	0	0	0	0	0	1	0	0	1
AT1G12140	0	0	0	0	0	0	1	0	0	1
AT1G12160	0	0	0	0	0	-1	0	0	0	-1
AT1G12220	0	0	0	0	0	-1	0	0	0	-1
AT1G12240	0	0	0	0	0	0	1	0	0	1
AT1G12250	0	0	0	0	0	0	-1	0	0	-1
AT1G12320	0	0	0	0	0	1	0	0	0	1
AT1G12330	0	0	0	0	0	1	0	0	0	1
AT1G12350	0	0	0	0	0	1	0	0	0	1
AT1G12360	0	0	0	0	0	0	1	0	0	1
AT1G12400	0	0	0	0	0	-1	0	0	0	-1
AT1G12410	0	0	0	0	0	-1	-1	0	0	-1
AT1G12460	1	1	0	0	0	0	0	0	0	1
AT1G12500	1	1	1	0	0	0	1	0	0	1
AT1G12560	0	0	0	0	0	-1	0	0	0	-1
AT1G12600	0	0	0	0	0	1	0	0	0	1
AT1G12630	0	0	0	0	0	1	0	0	0	1
AT1G12670	0	0	0	0	0	1	0	0	0	1
AT1G12672	0	0	0	0	0	1	0	0	0	1
AT1G12680	0	0	0	0	0	0	-1	0	0	-1
AT1G12740	0	0	0	0	0	-1	0	0	0	-1
AT1G12750	0	0	-1	0	0	0	-1	0	0	-1
AT1G12805	0	0	0	0	0	1	0	0	0	1
AT1G12845	0	0	-1	0	0	0	0	0	0	-1
AT1G12860	0	0	0	0	0	1	0	0	0	1
AT1G12900	0	0	0	0	0	0	-1	0	0	-1
AT1G12910	0	0	0	0	0	0	-1	0	0	-1
AT1G12950	0	0	0	0	0	-1	0	0	0	-1
AT1G12990	0	1	1	0	0	0	0	0	0	1
AT1G13090	0	0	1	0	0	0	0	0	0	1
AT1G13100	0	0	0	0	0	1	1	0	0	1
AT1G13110	0	0	0	0	0	1	1	0	0	1
AT1G13130	0	0	0	0	0	-1	0	0	0	-1
AT1G13210	0	0	0	0	0	1	1	0	0	1
AT1G13260	0	0	-1	0	0	0	0	0	0	-1
AT1G13270	0	0	0	0	0	0	-1	0	0	-1
AT1G13300	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G13310	0	0	0	0	0	0	0	0	1	1
AT1G13340	0	0	0	0	0	1	0	0	0	1
AT1G13370	0	0	0	0	0	0	-1	0	0	-1
AT1G13380	0	0	0	0	0	0	-1	0	0	-1
AT1G13480	0	0	0	0	0	0	0	1	1	1
AT1G13520	0	0	0	0	0	0	0	1	0	1
AT1G13560	-1	-1	0	0	0	0	0	0	0	-1
AT1G13570	0	0	0	0	0	0	-1	0	0	-1
AT1G13590	0	0	1	0	0	0	0	0	0	1
AT1G13670	0	0	0	0	0	0	0	0	1	1
AT1G13710	0	-1	0	0	0	-1	-1	0	0	-1
AT1G13930	0	0	0	0	0	-1	0	0	0	-1
AT1G14000	0	0	0	0	0	0	1	0	0	1
AT1G14030	0	0	0	-1	0	0	0	0	0	-1
AT1G14080	0	0	0	0	0	-1	0	0	0	-1
AT1G14100	0	0	0	0	0	1	0	0	0	1
AT1G14140	0	0	0	0	0	0	-1	0	0	-1
AT1G14150	0	0	0	0	0	0	-1	0	0	-1
AT1G14185	0	0	0	0	0	-1	0	-1	0	-1
AT1G14210	0	0	0	-1	0	0	0	0	0	-1
AT1G14220	0	0	0	0	0	-1	0	0	0	-1
AT1G14240	0	0	0	0	0	-1	0	-1	0	-1
AT1G14270	0	0	0	0	0	0	-1	0	0	-1
AT1G14290	0	1	0	0	0	0	0	0	0	1
AT1G14345	0	0	0	0	0	0	-1	-1	0	-1
AT1G14370	0	0	0	0	0	0	1	0	0	1
AT1G14410	0	0	0	0	0	0	-1	0	0	-1
AT1G14480	0	0	0	0	0	0	1	0	0	1
AT1G14520	0	0	0	0	0	1	0	0	0	1
AT1G14540	0	0	0	0	0	1	0	1	0	1
AT1G14550	0	0	0	0	0	0	0	1	1	1
AT1G14580	-1	-1	0	0	0	0	0	0	0	-1
AT1G14620	0	0	0	0	0	0	-1	0	0	-1
AT1G14700	-1	-1	0	0	0	0	0	0	-1	-1
AT1G14720	0	0	-1	0	0	0	0	0	0	-1
AT1G14800	0	0	0	0	0	1	0	0	0	1
AT1G14810	0	0	0	0	0	0	-1	0	0	-1
AT1G14820	-1	0	-1	0	0	0	0	0	0	-1
AT1G14870	0	0	0	0	0	0	0	1	0	1
AT1G14880	0	0	0	0	0	1	0	0	0	1
AT1G14890	0	0	0	0	0	-1	0	0	0	-1
AT1G14920	0	0	0	0	0	0	-1	0	0	-1
AT1G14960	0	0	0	0	0	-1	0	0	0	-1
AT1G14970	0	-1	0	0	0	-1	0	0	0	-1
AT1G15010	0	0	0	0	0	-1	-1	0	0	-1
AT1G15060	0	0	-1	0	0	0	0	0	0	-1
AT1G15125	0	0	0	0	0	-1	0	0	0	-1
AT1G15140	0	0	0	0	0	0	-1	0	0	-1
AT1G15180	0	0	0	0	0	0	-1	0	0	-1
AT1G15210	0	0	0	0	0	0	1	0	0	1
AT1G15220	0	0	0	0	0	0	-1	0	0	-1
AT1G15290	0	0	-1	0	0	0	0	0	0	-1
AT1G15390	0	0	0	0	0	0	-1	0	0	-1
AT1G15400	0	0	0	0	0	0	1	0	0	1
AT1G15440	0	0	0	-1	0	0	-1	0	0	-1
AT1G15460	0	0	0	0	0	-1	0	0	0	-1
AT1G15470	0	0	-1	0	0	0	0	0	0	-1
AT1G15550	0	0	0	0	0	0	1	0	0	1
AT1G15580	0	0	0	1	0	0	1	0	0	1
AT1G15630	0	0	0	0	0	0	0	1	0	1
AT1G15640	0	0	0	0	0	0	1	1	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G15700	0	0	0	0	0	0	-1	0	0	-1
AT1G15720	0	0	0	0	0	-1	0	0	0	-1
AT1G15750	0	0	-1	0	0	0	0	0	0	-1
AT1G15810	0	0	0	0	0	0	-1	0	0	-1
AT1G15820	0	0	0	0	0	0	-1	-1	0	-1
AT1G15870	0	0	0	0	0	1	0	0	0	1
AT1G15880	0	0	0	0	0	-1	0	0	0	-1
AT1G15885	0	0	0	0	0	-1	0	0	0	-1
AT1G15890	0	0	0	0	0	-1	0	0	0	-1
AT1G15900	0	0	0	0	0	1	0	0	0	1
AT1G15930	0	0	0	0	0	0	-1	0	0	-1
AT1G15960	0	0	0	0	0	-1	0	0	0	-1
AT1G15980	0	0	0	0	0	0	0	-1	0	-1
AT1G16000	0	0	0	0	0	-1	-1	0	0	-1
AT1G16020	0	0	-1	0	0	0	0	0	0	-1
AT1G16080	0	0	0	0	0	0	-1	0	0	-1
AT1G16130	0	0	0	0	0	1	0	0	0	1
AT1G16140	0	0	0	0	0	1	0	0	0	1
AT1G16150	0	0	0	0	0	1	0	0	0	1
AT1G16170	0	0	0	0	0	0	-1	0	0	-1
AT1G16260	0	0	0	0	0	-1	0	0	0	-1
AT1G16330	0	0	0	0	0	1	0	0	0	1
AT1G16340	0	0	0	0	0	0	-1	0	0	-1
AT1G16420	0	0	0	1	0	0	0	0	0	1
AT1G16510	0	0	0	0	0	-1	-1	0	0	-1
AT1G16550	0	0	0	0	0	1	0	0	0	1
AT1G16590	0	0	0	0	0	1	0	0	0	1
AT1G16620	0	0	0	0	0	-1	0	0	0	-1
AT1G16670	0	0	0	0	0	0	1	0	0	1
AT1G16750	-1	-1	0	0	0	0	0	0	0	-1
AT1G16780	0	0	0	0	0	0	-1	0	0	-1
AT1G16790	0	0	0	0	0	0	-1	0	0	-1
AT1G16905	0	0	0	0	0	-1	0	0	0	-1
AT1G16920	0	0	0	0	0	0	-1	0	0	-1
AT1G17030	0	0	0	0	0	1	0	0	0	1
AT1G17060	1	0	0	0	0	1	1	0	0	1
AT1G17080	0	0	0	0	0	0	1	0	0	1
AT1G17100	0	0	0	0	0	0	0	-1	0	-1
AT1G17180	-1	0	0	0	0	-1	0	0	0	-1
AT1G17190	0	0	0	0	0	0	1	0	0	1
AT1G17230	0	-1	0	0	0	0	0	0	0	-1
AT1G17240	0	0	0	0	0	-1	0	0	0	-1
AT1G17255	0	0	0	0	0	-1	0	0	0	-1
AT1G17260	0	0	0	0	0	-1	0	0	0	-1
AT1G17280	0	0	0	0	0	0	1	0	0	1
AT1G17345	0	0	0	0	0	-1	0	-1	-1	-1
AT1G17350	0	0	0	0	0	0	-1	0	0	-1
AT1G17360	0	0	0	0	0	0	1	0	0	1
AT1G17410	0	0	0	0	0	0	-1	0	0	-1
AT1G17430	0	0	-1	0	0	0	0	0	0	-1
AT1G17470	0	0	0	0	0	0	-1	0	0	-1
AT1G17480	0	0	0	0	0	1	0	0	0	1
AT1G17500	0	0	0	0	0	0	1	0	0	1
AT1G17560	0	0	-1	0	0	0	0	0	0	-1
AT1G17590	0	0	0	0	0	1	0	0	0	1
AT1G17600	0	0	0	0	0	-1	0	0	0	-1
AT1G17610	0	0	0	0	0	-1	0	0	0	-1
AT1G17620	1	1	1	0	0	1	1	0	0	1
AT1G17650	0	0	0	0	0	0	-1	0	0	-1
AT1G17700	0	0	0	0	0	0	-1	0	0	-1
AT1G17720	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G17745	0	0	0	0	0	0	1	0	0	1
AT1G17840	0	0	0	0	0	0	1	0	0	1
AT1G17960	0	0	0	0	0	1	0	0	0	1
AT1G17990	0	0	-1	0	0	0	0	0	0	-1
AT1G18060	0	0	0	0	0	0	-1	0	0	-1
AT1G18100	0	0	0	0	0	1	0	0	0	1
AT1G18140	0	0	0	0	0	0	1	0	0	1
AT1G18170	0	0	0	0	0	0	-1	0	0	-1
AT1G18240	0	0	0	0	0	-1	0	0	0	-1
AT1G18270	0	0	0	0	0	1	0	0	0	1
AT1G18280	0	0	0	0	0	1	0	0	0	1
AT1G18370	0	0	0	0	0	1	0	0	0	1
AT1G18390	0	0	0	0	0	1	0	1	0	1
AT1G18400	1	1	0	0	0	1	0	0	0	1
AT1G18470	0	0	0	0	0	0	1	0	0	1
AT1G18570	0	0	0	0	0	0	0	1	0	1
AT1G18620	0	1	0	0	0	0	0	0	0	1
AT1G18650	0	0	0	0	0	0	-1	0	0	-1
AT1G18680	0	0	0	0	0	0	-1	0	0	-1
AT1G18730	0	0	0	0	0	0	-1	0	0	-1
AT1G18740	0	-1	-1	0	0	0	0	0	0	-1
AT1G18830	0	0	0	0	0	1	0	0	0	1
AT1G18835	0	0	0	0	0	1	0	0	1	1
AT1G18850	0	0	0	0	0	0	-1	0	0	-1
AT1G18890	0	0	0	0	0	0	1	0	0	1
AT1G18970	0	0	0	0	0	0	0	0	1	1
AT1G18980	0	0	0	0	0	0	0	0	1	1
AT1G19050	-1	-1	0	0	0	0	0	-1	-1	-1
AT1G19070	0	0	0	0	0	-1	0	0	0	-1
AT1G19080	0	0	0	0	0	-1	0	0	0	-1
AT1G19090	0	0	0	0	0	0	0	1	0	1
AT1G19150	0	0	0	0	0	0	-1	0	0	-1
AT1G19180	0	0	0	0	0	1	0	0	0	1
AT1G19270	0	0	0	0	0	0	1	0	0	1
AT1G19300	0	0	1	0	0	0	0	0	0	1
AT1G19380	1	0	0	0	0	0	0	0	0	1
AT1G19394	0	0	0	0	0	-1	0	0	0	-1
AT1G19397	0	0	0	0	0	-1	0	0	0	-1
AT1G19450	0	0	0	0	0	0	1	0	0	1
AT1G19485	0	0	0	0	0	-1	0	0	0	-1
AT1G19510	0	0	0	0	0	1	1	0	0	1
AT1G19550	0	0	0	0	0	0	-1	0	0	-1
AT1G19570	0	0	0	0	0	0	-1	0	0	-1
AT1G19670	0	0	0	0	0	0	0	-1	0	-1
AT1G19730	0	0	0	0	0	0	-1	0	0	-1
AT1G19770	0	0	0	0	0	1	0	0	0	1
AT1G19830	0	0	0	0	0	1	0	0	0	1
AT1G19900	0	0	-1	0	0	-1	0	0	0	-1
AT1G19940	0	0	0	0	0	1	0	0	0	1
AT1G19960	0	0	0	0	0	0	0	1	1	1
AT1G20010	0	0	0	0	0	0	1	0	0	1
AT1G20030	0	0	0	0	0	-1	0	0	0	-1
AT1G20050	0	0	0	0	0	-1	0	0	0	-1
AT1G20060	0	0	0	0	0	1	0	0	0	1
AT1G20160	-1	-1	-1	0	0	-1	0	0	0	-1
AT1G20180	0	0	0	0	0	1	0	0	1	1
AT1G20280	0	0	0	0	0	1	0	0	0	1
AT1G20340	0	0	0	0	0	0	-1	0	0	-1
AT1G20380	0	0	-1	0	0	0	0	0	0	-1
AT1G20400	0	0	0	0	0	-1	0	0	0	-1
AT1G20430	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G20440	0	0	0	0	0	1	1	0	0	1
AT1G20450	0	0	0	0	0	1	1	0	0	1
AT1G20490	0	0	0	0	0	-1	0	0	0	-1
AT1G20515	0	0	0	0	0	-1	0	0	0	-1
AT1G20540	0	0	0	0	0	0	-1	0	0	-1
AT1G20560	0	-1	0	0	0	0	-1	0	0	-1
AT1G20590	0	0	0	0	0	1	1	0	0	1
AT1G20610	0	0	0	0	0	1	1	0	0	1
AT1G20650	0	0	0	0	0	0	-1	0	0	-1
AT1G20693	0	0	0	0	0	0	1	0	0	1
AT1G20770	0	0	-1	0	0	0	0	0	0	-1
AT1G20790	0	0	0	0	0	-1	0	0	0	-1
AT1G20810	0	0	0	0	0	0	-1	-1	-1	-1
AT1G20880	0	0	0	0	0	0	1	0	0	1
AT1G20910	0	0	0	0	0	0	-1	0	0	-1
AT1G20930	0	0	0	0	0	1	0	0	0	1
AT1G20980	0	0	-1	0	0	0	0	0	0	-1
AT1G21020	0	0	0	0	0	1	0	0	0	1
AT1G21040	0	0	0	0	0	1	0	0	0	1
AT1G21050	-1	-1	-1	0	0	0	-1	0	0	-1
AT1G21065	0	0	0	0	0	0	-1	0	0	-1
AT1G21080	0	0	0	0	0	1	1	0	0	1
AT1G21090	0	0	0	0	0	1	0	0	0	1
AT1G21110	0	0	0	0	0	0	0	1	0	1
AT1G21120	0	0	0	0	0	0	0	1	0	1
AT1G21130	0	0	0	0	0	-1	0	0	0	-1
AT1G21140	0	0	0	0	0	1	0	0	0	1
AT1G21150	0	0	0	0	0	-1	0	0	-1	-1
AT1G21190	0	0	-1	0	0	0	0	0	0	-1
AT1G21200	0	0	0	0	0	0	1	0	0	1
AT1G21280	0	0	0	0	0	0	0	-1	0	-1
AT1G21410	-1	-1	0	0	0	0	0	0	0	-1
AT1G21440	0	0	0	0	0	0	-1	0	0	-1
AT1G21460	-1	-1	0	0	0	-1	-1	0	0	-1
AT1G21500	0	0	0	0	0	0	-1	-1	0	-1
AT1G21520	0	0	0	0	0	1	0	0	0	1
AT1G21680	0	0	0	0	0	0	-1	0	0	-1
AT1G21760	-1	0	0	0	0	0	0	0	0	-1
AT1G21790	0	0	0	0	0	1	0	0	0	1
AT1G21830	1	1	1	1	0	0	0	0	0	1
AT1G21840	0	0	0	0	0	0	-1	0	0	-1
AT1G21900	0	0	0	0	0	0	1	0	0	1
AT1G21930	0	0	0	0	0	0	-1	0	0	-1
AT1G22040	-1	-1	0	0	0	0	0	0	0	-1
AT1G22070	0	0	0	0	0	1	0	0	0	1
AT1G22110	0	0	0	0	0	0	1	0	0	1
AT1G22180	0	0	0	0	0	0	1	0	0	1
AT1G22190	0	0	0	0	0	0	-1	0	0	-1
AT1G22220	0	0	0	0	0	-1	0	0	0	-1
AT1G22300	0	0	0	0	0	0	1	0	0	1
AT1G22330	0	0	0	0	0	0	1	0	0	1
AT1G22360	0	-1	0	-1	0	0	0	0	0	-1
AT1G22400	0	0	0	0	0	-1	0	0	0	-1
AT1G22410	0	0	0	0	0	0	1	0	0	1
AT1G22430	0	0	0	0	0	0	-1	0	0	-1
AT1G22440	0	0	0	0	0	0	1	0	0	1
AT1G22490	0	0	0	0	0	1	0	0	0	1
AT1G22500	0	0	0	0	0	0	1	0	0	1
AT1G22530	1	1	0	0	0	1	1	0	1	1
AT1G22590	0	0	0	0	0	0	-1	-1	-1	-1
AT1G22630	0	0	0	0	0	-1	-1	-1	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G22650	0	0	-1	0	0	-1	0	-1	0	-1
AT1G22690	0	0	0	0	0	-1	0	0	0	-1
AT1G22700	0	0	0	0	0	0	-1	0	0	-1
AT1G22710	0	0	0	0	0	0	-1	0	0	-1
AT1G22740	0	0	0	0	0	0	1	0	0	1
AT1G22750	0	0	0	0	0	0	-1	0	0	-1
AT1G22800	0	0	0	0	0	-1	0	0	0	-1
AT1G22810	0	0	0	0	0	0	0	0	1	1
AT1G22850	0	0	0	0	0	0	-1	0	0	-1
AT1G22880	0	0	0	0	0	-1	0	0	0	-1
AT1G22890	0	0	0	1	0	0	0	1	0	1
AT1G22910	0	0	0	0	0	0	1	0	0	1
AT1G22930	0	0	0	0	0	0	1	0	0	1
AT1G22990	0	0	0	0	0	0	0	-1	-1	-1
AT1G23010	0	0	0	0	0	-1	0	0	0	-1
AT1G23020	0	0	0	-1	0	-1	0	0	0	-1
AT1G23030	0	0	0	1	0	0	0	0	0	1
AT1G23080	-1	-1	-1	-1	0	0	0	0	0	-1
AT1G23180	0	0	0	-1	0	0	0	0	0	-1
AT1G23205	-1	0	-1	0	0	-1	0	0	0	-1
AT1G23310	0	0	0	0	0	0	-1	0	0	-1
AT1G23360	0	0	0	0	0	-1	-1	0	0	-1
AT1G23410	0	0	0	0	0	-1	0	0	0	-1
AT1G23440	0	0	0	0	0	0	1	0	0	1
AT1G23480	0	1	0	0	0	0	0	0	0	1
AT1G23510	0	0	0	0	0	1	0	1	1	1
AT1G23550	0	0	0	0	0	1	0	0	0	1
AT1G23560	0	0	0	0	0	0	0	-1	0	-1
AT1G23570	0	0	0	1	0	0	0	0	0	1
AT1G23720	0	0	0	0	0	-1	0	0	0	-1
AT1G23750	0	0	0	0	0	-1	0	0	0	-1
AT1G23760	0	0	0	0	0	1	1	0	0	1
AT1G23780	0	0	-1	0	0	0	0	0	0	-1
AT1G23790	0	0	0	0	0	1	0	0	0	1
AT1G23800	0	0	0	0	0	0	1	0	0	1
AT1G23840	0	0	0	1	0	0	0	1	1	1
AT1G23860	0	0	0	0	0	0	-1	0	0	-1
AT1G23935	0	0	0	0	0	1	0	0	0	1
AT1G23940	0	0	0	0	0	1	0	1	1	1
AT1G23960	0	0	0	0	0	0	0	-1	-1	-1
AT1G24020	0	-1	0	0	0	-1	0	-1	-1	-1
AT1G24040	0	0	0	0	0	0	-1	0	0	-1
AT1G24120	0	0	0	0	0	0	1	0	0	1
AT1G24140	0	0	0	0	0	1	0	1	0	1
AT1G24147	0	0	0	0	0	1	0	0	0	1
AT1G24150	0	0	0	0	0	1	0	0	1	1
AT1G24170	1	1	1	1	0	0	0	0	0	1
AT1G24240	0	0	0	0	0	0	0	-1	-1	-1
AT1G24280	0	0	-1	0	0	0	0	0	0	-1
AT1G24290	0	0	0	0	0	0	-1	0	0	-1
AT1G24320	0	0	0	0	0	-1	0	0	0	-1
AT1G24340	0	0	0	-1	0	0	-1	0	0	-1
AT1G24370	0	0	0	0	0	1	0	0	0	1
AT1G24388	0	0	0	0	0	1	0	0	0	1
AT1G24390	0	0	0	0	0	1	0	0	0	1
AT1G24430	0	0	0	0	0	0	0	1	0	1
AT1G24440	0	0	0	0	0	0	1	0	0	1
AT1G24450	0	0	0	0	0	0	-1	0	0	-1
AT1G24530	0	0	0	0	0	0	-1	0	0	-1
AT1G24575	0	0	-1	0	0	-1	0	0	0	-1
AT1G24650	0	0	0	1	0	0	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G24792	0	0	0	0	0	-1	0	0	0	-1
AT1G24793	0	0	0	0	0	-1	0	-1	-1	-1
AT1G24807	0	0	0	0	0	0	0	1	1	1
AT1G24851	0	0	0	0	0	1	0	0	0	1
AT1G24879	0	0	0	0	0	-1	0	0	0	-1
AT1G24880	0	0	0	0	0	-1	0	0	-1	-1
AT1G25053	0	0	0	0	0	-1	0	0	0	-1
AT1G25150	0	0	0	0	0	0	0	0	-1	-1
AT1G25210	0	0	0	0	0	-1	0	0	0	-1
AT1G25211	0	0	0	0	0	0	0	0	-1	-1
AT1G25230	0	0	0	0	0	0	1	0	0	1
AT1G25260	0	0	0	0	0	0	-1	0	0	-1
AT1G25275	0	0	-1	0	0	0	0	0	0	-1
AT1G25290	0	0	0	0	0	0	-1	0	0	-1
AT1G25400	0	0	0	0	0	1	1	0	0	1
AT1G25450	0	0	0	0	0	0	1	0	0	1
AT1G25470	0	0	0	0	0	0	-1	0	0	-1
AT1G25560	0	0	0	0	0	0	-1	0	0	-1
AT1G26150	0	-1	-1	0	0	-1	-1	0	0	-1
AT1G26200	0	0	0	0	0	1	0	0	0	1
AT1G26210	0	-1	0	0	0	0	0	0	0	-1
AT1G26220	0	0	-1	0	0	0	-1	0	0	-1
AT1G26240	0	0	0	0	0	0	0	0	1	1
AT1G26250	0	0	0	0	0	0	0	1	1	1
AT1G26290	0	0	0	0	0	-1	0	0	0	-1
AT1G26380	0	1	0	0	0	0	0	1	1	1
AT1G26390	0	0	0	0	0	0	0	1	1	1
AT1G26400	0	0	0	0	0	0	0	1	1	1
AT1G26410	0	0	0	0	0	0	0	1	1	1
AT1G26420	0	0	0	0	0	0	0	1	0	1
AT1G26440	0	0	0	0	0	0	1	0	0	1
AT1G26460	0	0	-1	0	0	0	0	0	0	-1
AT1G26470	0	0	0	0	0	0	-1	0	0	-1
AT1G26540	0	0	0	0	0	1	0	0	0	1
AT1G26761	0	0	0	0	0	0	0	-1	0	-1
AT1G26820	0	0	0	0	0	0	1	0	0	1
AT1G26870	0	0	0	0	0	-1	0	0	0	-1
AT1G26900	0	0	0	0	0	-1	0	0	0	-1
AT1G26920	0	0	0	0	0	0	-1	0	0	-1
AT1G26930	0	0	0	0	0	-1	-1	0	0	-1
AT1G26945	0	0	0	0	0	1	0	0	1	1
AT1G26960	1	1	0	0	0	1	1	0	0	1
AT1G27020	0	0	0	0	0	0	0	1	1	1
AT1G27030	0	0	0	0	0	0	1	0	0	1
AT1G27100	0	0	0	0	0	0	1	0	0	1
AT1G27140	0	0	0	0	0	1	0	0	0	1
AT1G27180	0	0	0	0	0	-1	0	0	0	-1
AT1G27210	1	1	0	0	0	0	0	0	0	1
AT1G27285	0	0	0	0	0	-1	0	0	0	-1
AT1G27460	0	0	0	0	0	-1	0	0	0	-1
AT1G27461	0	0	0	0	0	-1	0	0	0	-1
AT1G27520	0	0	0	0	0	-1	0	0	0	-1
AT1G27540	0	0	0	0	0	1	0	1	1	1
AT1G27560	0	0	0	0	0	1	0	0	0	1
AT1G27570	0	0	0	0	0	1	0	0	0	1
AT1G27580	0	0	0	0	0	1	0	0	0	1
AT1G27670	0	0	0	0	0	-1	-1	0	0	-1
AT1G27680	0	0	0	0	0	-1	0	-1	0	-1
AT1G27730	-1	-1	0	0	0	0	0	0	0	-1
AT1G27900	0	0	-1	0	0	0	0	0	0	-1
AT1G27950	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G28040	0	0	0	0	0	0	0	1	1	1
AT1G28070	0	0	0	0	0	0	-1	0	0	-1
AT1G28100	0	0	0	0	0	0	1	0	0	1
AT1G28120	0	0	-1	0	0	0	0	0	0	-1
AT1G28135	0	0	0	0	0	1	0	0	0	1
AT1G28150	0	0	0	0	0	0	-1	0	0	-1
AT1G28190	0	0	0	0	0	1	0	0	0	1
AT1G28210	0	0	0	0	0	1	0	0	0	1
AT1G28230	0	0	0	0	0	1	0	0	0	1
AT1G28360	0	0	0	0	0	-1	-1	0	0	-1
AT1G28395	0	0	0	0	0	0	-1	0	0	-1
AT1G28400	0	0	0	0	0	0	1	0	0	1
AT1G28440	-1	-1	0	0	0	0	0	0	0	-1
AT1G28470	0	0	0	0	0	1	0	0	0	1
AT1G28530	-1	-1	0	0	0	0	0	0	0	-1
AT1G28570	0	0	0	0	0	-1	0	0	0	-1
AT1G28590	0	0	0	0	0	1	0	0	0	1
AT1G28610	0	0	0	0	0	1	0	0	1	1
AT1G28640	0	0	0	0	0	-1	0	0	0	-1
AT1G28670	0	0	0	0	0	-1	0	-1	-1	-1
AT1G28710	0	0	0	0	0	0	-1	0	0	-1
AT1G28960	-1	-1	0	0	0	0	0	0	0	-1
AT1G29020	0	0	0	0	0	1	0	0	0	1
AT1G29050	0	0	0	0	0	1	1	1	1	1
AT1G29070	0	0	0	0	0	0	-1	0	0	-1
AT1G29080	0	0	0	0	0	1	0	0	0	1
AT1G29100	0	0	0	0	0	1	0	1	0	1
AT1G29150	0	0	0	0	0	0	0	1	1	1
AT1G29180	0	0	0	0	0	1	0	1	0	1
AT1G29195	0	0	0	0	0	0	1	0	0	1
AT1G29270	0	0	0	0	0	-1	0	0	0	-1
AT1G29357	0	0	0	0	0	-1	0	0	0	-1
AT1G29390	0	0	0	0	0	0	-1	0	0	-1
AT1G29430	0	1	1	0	0	1	1	0	0	1
AT1G29440	1	1	1	0	0	1	1	0	0	1
AT1G29450	1	1	1	0	0	1	1	0	0	1
AT1G29460	1	1	1	0	0	1	1	0	0	1
AT1G29470	0	0	0	0	0	0	1	0	0	1
AT1G29490	1	1	0	0	0	1	1	0	0	1
AT1G29500	1	1	1	0	0	1	1	0	0	1
AT1G29510	0	1	1	0	0	1	1	0	0	1
AT1G29520	0	0	0	0	0	0	1	0	1	1
AT1G29560	0	0	0	0	0	1	0	0	0	1
AT1G29600	0	0	0	0	0	-1	0	0	0	-1
AT1G29660	1	1	1	0	1	1	1	0	0	1
AT1G29670	1	1	1	0	0	0	1	0	0	1
AT1G29770	0	0	0	0	0	-1	0	0	0	-1
AT1G29780	0	0	0	0	0	-1	0	0	0	-1
AT1G29785	0	0	0	0	0	-1	0	0	0	-1
AT1G29790	0	0	0	0	0	0	0	-1	-1	-1
AT1G29800	0	0	0	0	0	0	0	-1	-1	-1
AT1G29830	0	0	0	0	0	1	0	0	0	1
AT1G29850	0	0	0	0	0	0	1	0	0	1
AT1G29860	0	0	0	0	0	1	0	1	1	1
AT1G29910	0	0	0	0	0	0	-1	0	0	-1
AT1G29920	0	0	0	0	0	0	-1	0	0	-1
AT1G29930	0	0	0	0	0	0	-1	0	0	-1
AT1G29960	0	0	0	0	0	0	0	0	-1	-1
AT1G30080	0	0	0	0	0	1	1	0	0	1
AT1G30160	0	0	0	0	0	-1	0	0	0	-1
AT1G30250	0	0	0	0	0	0	0	0	-1	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G30270	0	0	0	0	0	0	1	0	0	1
AT1G30280	0	0	0	0	0	1	0	0	0	1
AT1G30290	0	0	-1	0	0	0	0	0	0	-1
AT1G30330	0	-1	0	0	0	0	0	0	0	-1
AT1G30380	0	0	0	0	0	0	-1	0	0	-1
AT1G30410	-1	0	0	0	0	0	0	0	0	-1
AT1G30500	0	0	0	0	0	0	0	-1	0	-1
AT1G30530	-1	0	0	0	0	0	-1	-1	-1	-1
AT1G30550	0	0	0	0	0	1	0	0	0	1
AT1G30560	0	0	0	0	0	1	0	0	0	1
AT1G30570	0	1	0	0	0	0	0	0	0	1
AT1G30620	0	0	0	0	0	0	1	0	0	1
AT1G30690	1	1	1	1	0	1	1	0	0	1
AT1G30720	0	0	0	0	0	1	0	0	0	1
AT1G30730	0	0	0	0	0	1	0	1	0	1
AT1G30740	0	0	0	0	0	1	0	0	0	1
AT1G30750	0	0	0	0	0	1	1	0	0	1
AT1G30760	0	0	0	0	0	1	1	0	0	1
AT1G30820	0	0	0	0	0	1	1	0	0	1
AT1G30835	0	0	0	0	0	-1	0	0	0	-1
AT1G30845	0	0	0	0	0	-1	0	0	0	-1
AT1G30870	0	0	0	0	0	-1	0	0	-1	-1
AT1G30900	0	0	0	1	0	0	0	0	0	1
AT1G30920	0	0	0	0	0	-1	0	0	0	-1
AT1G30930	0	0	0	0	0	1	0	0	0	1
AT1G30940	0	0	0	0	0	1	0	0	0	1
AT1G31070	0	0	0	0	0	0	1	0	0	1
AT1G31160	0	0	0	0	0	0	-1	0	0	-1
AT1G31190	0	0	0	0	0	0	-1	0	0	-1
AT1G31200	0	0	0	0	0	0	0	1	1	1
AT1G31230	0	0	0	-1	0	0	0	0	0	-1
AT1G31290	0	0	0	0	0	0	-1	0	0	-1
AT1G31330	0	0	0	0	0	0	-1	0	0	-1
AT1G31355	0	0	0	0	0	-1	0	0	0	-1
AT1G31440	0	0	0	0	0	0	0	-1	-1	-1
AT1G31540	0	0	0	0	0	0	0	0	-1	-1
AT1G31550	0	0	0	0	0	0	0	0	1	1
AT1G31600	0	0	0	0	0	-1	0	-1	-1	-1
AT1G31770	0	0	0	0	0	0	1	0	0	1
AT1G31814	0	0	0	0	0	0	0	-1	-1	-1
AT1G31820	0	0	0	0	0	-1	0	-1	-1	-1
AT1G31835	0	0	0	0	0	-1	0	0	0	-1
AT1G31850	0	0	0	0	0	-1	0	0	0	-1
AT1G31900	0	0	0	0	0	-1	0	0	0	-1
AT1G31910	0	0	0	0	0	0	0	-1	0	-1
AT1G32080	0	0	0	0	0	1	0	0	0	1
AT1G32100	0	0	0	0	0	0	1	0	0	1
AT1G32170	0	0	0	0	0	1	1	0	0	1
AT1G32190	-1	-1	-1	0	-1	-1	-1	0	-1	-1
AT1G32270	0	0	0	0	0	-1	0	0	0	-1
AT1G32450	0	0	0	0	0	0	1	0	0	1
AT1G32540	0	0	0	0	0	0	-1	0	0	-1
AT1G32550	0	0	0	0	0	0	-1	0	0	-1
AT1G32560	0	0	0	0	0	0	0	-1	0	-1
AT1G32640	0	0	1	0	0	0	1	0	0	1
AT1G32680	0	0	0	0	0	0	-1	0	0	-1
AT1G32690	0	0	0	0	0	-1	-1	0	0	-1
AT1G32760	0	0	0	0	0	0	-1	0	0	-1
AT1G32870	0	0	0	0	0	0	1	0	0	1
AT1G32900	-1	-1	0	0	0	0	0	0	0	-1
AT1G32920	1	1	1	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G32930	0	0	1	0	0	0	0	0	0	1
AT1G32940	0	0	0	0	0	-1	0	0	0	-1
AT1G32950	0	0	0	0	0	-1	0	0	0	-1
AT1G32990	0	0	0	0	0	0	-1	0	0	-1
AT1G33170	0	-1	0	0	0	0	0	0	0	-1
AT1G33240	1	1	0	0	0	0	0	0	0	1
AT1G33250	0	0	0	0	0	0	-1	0	0	-1
AT1G33265	0	0	0	0	0	0	-1	0	0	-1
AT1G33290	0	0	0	0	0	0	-1	0	0	-1
AT1G33400	0	0	0	0	0	0	-1	0	0	-1
AT1G33440	0	0	0	0	0	0	-1	0	0	-1
AT1G33490	0	0	-1	0	0	0	0	0	0	-1
AT1G33560	0	0	0	0	0	0	-1	0	0	-1
AT1G33720	0	0	0	0	0	-1	0	0	0	-1
AT1G33750	0	0	0	0	0	-1	0	0	0	-1
AT1G33790	0	0	0	0	0	-1	0	0	0	-1
AT1G33800	0	0	0	0	0	0	1	0	0	1
AT1G33810	0	0	0	0	0	0	-1	0	0	-1
AT1G33811	0	0	0	0	0	0	-1	0	0	-1
AT1G33813	0	0	0	0	0	-1	0	0	0	-1
AT1G33980	0	0	0	0	0	0	1	0	0	1
AT1G34000	0	0	0	0	0	0	-1	0	0	-1
AT1G34050	0	0	0	0	0	-1	0	0	0	-1
AT1G34060	0	0	0	0	0	0	1	0	0	1
AT1G34100	0	0	0	0	0	-1	0	0	0	-1
AT1G34210	0	0	0	0	0	0	-1	0	0	-1
AT1G34240	0	0	0	0	0	1	0	0	0	1
AT1G34245	0	-1	0	0	0	0	0	0	0	-1
AT1G34310	0	0	0	0	0	0	-1	0	0	-1
AT1G34315	0	0	0	0	0	-1	0	0	0	-1
AT1G34370	0	0	-1	0	0	0	0	0	0	-1
AT1G34460	0	0	0	0	0	1	1	0	0	1
AT1G34510	0	0	0	0	0	-1	0	0	0	-1
AT1G34580	0	0	0	0	0	1	0	0	0	1
AT1G34630	0	0	0	0	0	0	-1	0	0	-1
AT1G34670	0	0	0	0	0	0	0	0	1	1
AT1G34750	0	0	0	1	0	1	1	0	0	1
AT1G34780	0	0	0	0	0	-1	0	0	0	-1
AT1G34844	0	0	0	0	0	-1	0	0	0	-1
AT1G35112	0	0	0	0	0	-1	0	0	0	-1
AT1G35115	0	0	0	0	0	-1	0	0	0	-1
AT1G35170	0	0	0	0	0	0	1	0	0	1
AT1G35180	1	1	1	0	0	0	1	0	0	1
AT1G35186	0	0	0	0	0	1	0	0	0	1
AT1G35210	0	0	0	0	0	0	0	1	0	1
AT1G35260	0	0	0	0	0	0	1	0	0	1
AT1G35320	0	0	0	0	0	-1	0	0	0	-1
AT1G35330	0	0	0	0	0	-1	0	0	0	-1
AT1G35350	-1	-1	0	0	0	0	0	0	0	-1
AT1G35420	0	0	-1	0	0	0	-1	0	0	-1
AT1G35513	0	0	0	0	0	1	0	0	0	1
AT1G35530	0	0	0	0	0	1	0	0	0	1
AT1G35560	0	0	0	0	0	-1	0	0	0	-1
AT1G35612	0	0	0	0	0	-1	0	0	0	-1
AT1G35625	0	0	0	0	0	-1	0	0	0	-1
AT1G35680	0	0	0	0	0	0	-1	0	0	-1
AT1G35780	0	0	0	0	0	1	0	0	0	1
AT1G35830	0	0	0	0	0	-1	0	0	0	-1
AT1G36060	0	0	0	0	0	0	-1	0	0	-1
AT1G36340	0	0	1	0	0	1	0	0	0	1
AT1G36622	0	0	0	0	0	0	0	1	1	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G36630	0	0	0	0	0	1	0	0	0	1
AT1G36640	0	0	0	0	0	0	0	1	0	1
AT1G36675	0	0	0	0	0	1	0	0	0	1
AT1G36940	-1	-1	0	0	0	0	-1	0	0	-1
AT1G37130	0	0	-1	0	0	0	0	0	0	-1
AT1G37150	0	0	0	0	0	1	0	0	0	1
AT1G41830	0	1	0	0	0	0	1	0	0	1
AT1G42470	0	0	0	0	0	1	0	0	0	1
AT1G42560	0	0	0	0	0	1	0	0	0	1
AT1G42970	0	0	0	0	0	0	-1	0	0	-1
AT1G43040	0	0	0	0	0	1	0	0	0	1
AT1G43140	0	0	0	0	0	-1	0	0	0	-1
AT1G43560	0	0	0	0	0	0	-1	0	0	-1
AT1G43580	0	0	0	0	0	0	-1	0	0	-1
AT1G43650	0	0	0	0	0	-1	0	0	0	-1
AT1G43710	0	0	0	0	0	0	-1	0	0	-1
AT1G43775	0	0	0	0	0	-1	0	0	0	-1
AT1G43910	0	0	0	0	0	1	0	0	0	1
AT1G44000	0	0	0	0	0	0	-1	-1	0	-1
AT1G44010	0	0	0	0	0	1	0	1	0	1
AT1G44110	0	0	0	0	0	1	0	0	0	1
AT1G44160	0	0	0	0	0	1	0	0	0	1
AT1G44350	1	1	0	0	0	0	0	0	0	1
AT1G44414	0	0	0	0	0	0	-1	0	0	-1
AT1G44608	0	0	0	0	0	0	0	0	1	1
AT1G44760	0	0	0	0	0	0	-1	0	0	-1
AT1G44800	0	0	0	0	0	0	1	0	0	1
AT1G44810	0	0	1	0	0	0	0	0	0	1
AT1G44920	0	0	0	0	0	0	-1	0	0	-1
AT1G44970	0	0	0	0	0	0	1	0	0	1
AT1G45010	0	0	0	0	0	1	0	0	1	1
AT1G45015	0	0	0	0	0	0	0	-1	0	-1
AT1G45035	0	0	0	0	0	-1	0	0	0	-1
AT1G45130	0	0	0	0	0	0	1	0	0	1
AT1G45145	0	0	0	1	0	0	1	0	0	1
AT1G45201	0	0	0	0	0	-1	0	0	0	-1
AT1G45474	0	0	0	0	0	0	-1	0	0	-1
AT1G45688	1	1	0	0	0	0	1	0	0	1
AT1G46264	-1	-1	0	0	0	0	-1	0	0	-1
AT1G46768	0	0	0	0	0	0	1	0	0	1
AT1G47271	0	0	0	0	0	0	0	1	0	1
AT1G47380	0	1	1	0	0	0	0	0	0	1
AT1G47400	0	0	0	0	0	0	-1	0	0	-1
AT1G47410	0	0	0	0	0	1	0	0	0	1
AT1G47480	0	0	0	0	0	1	1	0	0	1
AT1G47510	0	0	0	0	0	1	0	0	0	1
AT1G47580	0	0	0	-1	0	0	0	0	0	-1
AT1G47610	0	0	0	0	0	0	0	-1	0	-1
AT1G47730	0	0	0	1	0	0	0	0	0	1
AT1G47770	0	0	0	0	0	1	0	0	0	1
AT1G47813	0	0	0	0	0	0	-1	0	0	-1
AT1G47820	0	0	0	0	0	0	-1	0	0	-1
AT1G47890	0	0	0	0	0	0	0	0	1	1
AT1G47950	0	0	0	0	0	1	0	0	0	1
AT1G47970	0	-1	-1	0	0	0	0	0	0	-1
AT1G48130	0	0	0	0	0	-1	0	0	0	-1
AT1G48240	0	1	0	0	0	0	1	0	0	1
AT1G48260	0	0	0	0	0	0	1	0	0	1
AT1G48340	0	0	0	0	0	1	0	0	0	1
AT1G48350	0	0	0	0	0	0	-1	0	0	-1
AT1G48420	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G48450	0	0	0	0	0	0	-1	0	0	-1
AT1G48480	0	0	0	0	0	1	1	0	0	1
AT1G48490	0	0	0	0	0	0	1	0	0	1
AT1G48550	0	0	0	0	0	0	-1	0	0	-1
AT1G48600	0	0	0	0	0	0	1	0	0	1
AT1G48690	0	1	0	0	0	1	0	0	0	1
AT1G48700	0	0	0	0	0	1	0	0	0	1
AT1G48750	-1	-1	-1	0	0	0	0	-1	-1	-1
AT1G48850	0	0	0	0	0	0	1	0	0	1
AT1G48930	0	0	0	0	0	-1	0	0	0	-1
AT1G49000	0	0	0	0	0	1	0	1	0	1
AT1G49030	-1	0	0	0	0	0	0	0	0	-1
AT1G49230	0	0	0	0	0	0	-1	0	0	-1
AT1G49320	0	0	0	0	0	0	-1	0	0	-1
AT1G49350	0	0	0	0	0	0	-1	0	0	-1
AT1G49450	0	0	0	0	0	1	0	0	0	1
AT1G49500	0	0	0	-1	0	0	0	0	0	-1
AT1G49580	0	0	0	0	0	0	1	0	0	1
AT1G49650	0	0	0	0	0	0	-1	0	0	-1
AT1G49750	0	0	0	0	0	0	-1	0	0	-1
AT1G49760	0	0	0	0	0	0	-1	0	0	-1
AT1G49780	0	-1	0	0	0	0	0	0	0	-1
AT1G49870	0	0	0	0	0	1	0	0	0	1
AT1G49890	0	0	0	0	0	0	-1	0	0	-1
AT1G49960	0	0	0	0	0	0	0	0	1	1
AT1G49975	0	0	0	0	0	0	-1	0	0	-1
AT1G49980	0	0	0	0	0	0	-1	0	0	-1
AT1G50060	-1	-1	0	0	0	0	0	0	0	-1
AT1G50250	0	0	0	0	0	0	-1	0	0	-1
AT1G50290	0	0	0	0	0	1	0	0	0	1
AT1G50420	0	0	0	1	0	0	0	0	0	1
AT1G50480	0	0	0	0	0	0	-1	0	0	-1
AT1G50490	0	0	0	0	0	0	-1	0	0	-1
AT1G50560	0	0	0	0	0	0	1	0	0	1
AT1G50575	0	0	0	0	0	0	-1	0	0	-1
AT1G50580	0	0	0	0	0	-1	0	0	0	-1
AT1G50730	0	0	0	0	0	0	-1	0	0	-1
AT1G50890	1	1	0	0	0	0	0	0	0	1
AT1G50900	0	0	0	0	0	0	-1	0	0	-1
AT1G51110	0	0	0	0	0	0	-1	0	0	-1
AT1G51170	0	0	0	0	0	-1	0	0	0	-1
AT1G51190	0	0	0	0	0	-1	0	0	0	-1
AT1G51310	0	0	0	0	0	0	-1	0	0	-1
AT1G51360	0	0	0	0	0	0	-1	0	0	-1
AT1G51390	0	0	0	0	0	0	-1	0	0	-1
AT1G51400	0	0	-1	0	0	0	-1	0	0	-1
AT1G51440	0	0	0	0	0	-1	0	0	0	-1
AT1G51470	0	0	0	0	0	-1	0	0	0	-1
AT1G51480	0	0	0	0	0	1	0	0	0	1
AT1G51510	0	0	0	0	0	0	1	0	0	1
AT1G51538	0	0	0	0	0	1	0	0	0	1
AT1G51680	0	0	0	0	0	0	1	0	0	1
AT1G51700	0	1	0	0	0	1	0	0	0	1
AT1G51750	0	0	0	0	0	-1	0	0	0	-1
AT1G51805	0	0	0	0	0	0	0	1	1	1
AT1G51850	0	0	0	0	0	0	0	1	0	1
AT1G51890	0	0	0	0	0	0	0	0	1	1
AT1G51913	0	0	0	0	0	0	0	1	1	1
AT1G51915	0	0	0	0	0	0	0	1	1	1
AT1G51920	0	0	0	0	0	0	0	1	0	1
AT1G52030	0	0	0	1	0	0	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G52050	0	0	0	0	0	-1	0	0	0	-1
AT1G52060	0	-1	0	0	0	0	0	0	0	-1
AT1G52070	0	0	0	0	0	-1	0	0	0	-1
AT1G52100	-1	0	0	0	0	0	-1	0	0	-1
AT1G52190	-1	-1	0	0	-1	0	0	0	0	-1
AT1G52200	0	0	0	0	0	1	0	0	0	1
AT1G52220	0	0	0	0	0	0	-1	0	0	-1
AT1G52230	0	0	0	0	0	0	-1	-1	0	-1
AT1G52250	1	0	0	0	0	0	0	0	0	1
AT1G52260	0	0	-1	0	0	0	0	0	0	-1
AT1G52270	0	0	0	0	0	0	0	-1	-1	-1
AT1G52280	0	0	0	0	0	0	1	0	0	1
AT1G52290	1	1	1	0	0	1	0	0	1	1
AT1G52340	0	0	-1	0	0	0	-1	0	0	-1
AT1G52400	0	0	0	0	0	-1	-1	0	0	-1
AT1G52410	0	0	0	0	0	-1	0	0	0	-1
AT1G52540	0	0	1	0	0	1	1	0	0	1
AT1G52565	0	0	0	0	0	1	0	0	0	1
AT1G52690	0	0	0	0	0	-1	0	-1	0	-1
AT1G52740	0	0	0	0	0	0	-1	0	0	-1
AT1G52750	0	0	0	0	0	1	0	0	0	1
AT1G52760	0	0	0	0	0	0	1	0	0	1
AT1G52830	1	1	0	0	0	1	1	0	0	1
AT1G52905	0	0	0	0	0	-1	0	-1	-1	-1
AT1G52910	0	0	0	0	0	0	1	0	0	1
AT1G53000	0	0	0	0	0	0	-1	0	0	-1
AT1G53080	0	0	0	0	0	1	1	0	1	1
AT1G53090	0	0	-1	0	0	0	0	0	0	-1
AT1G53120	0	0	0	0	0	0	-1	0	0	-1
AT1G53140	0	0	0	0	0	1	0	0	0	1
AT1G53163	0	0	0	0	0	1	0	0	0	1
AT1G53170	0	0	0	0	0	0	-1	0	0	-1
AT1G53230	0	0	0	0	0	0	-1	0	0	-1
AT1G53450	0	0	0	0	0	0	-1	0	0	-1
AT1G53510	-1	-1	-1	0	0	0	0	0	0	-1
AT1G53520	0	0	0	0	0	0	-1	0	0	-1
AT1G53530	0	0	0	0	0	0	-1	0	0	-1
AT1G53540	0	0	0	0	0	0	0	0	1	1
AT1G53580	0	0	0	0	0	0	1	0	0	1
AT1G53620	0	0	0	0	0	0	0	1	0	1
AT1G53625	0	0	0	0	0	0	0	1	0	1
AT1G53670	0	0	0	0	0	0	-1	0	0	-1
AT1G53690	0	0	1	0	0	1	1	1	1	1
AT1G53700	0	0	0	1	0	1	1	1	1	1
AT1G53730	1	1	0	0	0	0	0	0	0	1
AT1G53830	0	0	0	1	0	1	1	0	0	1
AT1G53870	0	-1	0	0	0	0	0	0	0	-1
AT1G54000	0	0	0	0	0	-1	0	0	0	-1
AT1G54030	0	0	0	0	0	0	1	0	0	1
AT1G54120	1	1	1	0	0	0	0	0	0	1
AT1G54200	-1	-1	0	0	0	0	0	0	0	-1
AT1G54290	0	0	-1	0	0	0	0	0	0	-1
AT1G54320	0	0	0	0	0	0	1	0	0	1
AT1G54420	0	0	0	0	0	1	0	0	0	1
AT1G54430	0	0	0	0	0	1	0	0	0	1
AT1G54500	0	0	0	0	0	0	-1	0	0	-1
AT1G54740	1	1	0	0	0	0	0	0	0	1
AT1G54780	0	0	0	0	0	0	-1	0	0	-1
AT1G54890	-1	-1	0	0	0	-1	0	0	0	-1
AT1G54926	0	0	1	0	0	0	0	0	0	1
AT1G54950	0	0	0	0	0	0	0	0	1	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G54970	0	0	0	0	0	-1	0	0	0	-1
AT1G55000	0	0	0	0	0	0	-1	0	0	-1
AT1G55020	0	0	0	-1	0	0	0	0	0	-1
AT1G55120	0	0	0	0	0	0	1	0	0	1
AT1G55130	0	0	0	0	0	0	-1	0	0	-1
AT1G55160	0	0	0	0	0	0	1	0	0	1
AT1G55240	0	0	0	0	0	1	1	0	0	1
AT1G55260	0	0	0	0	0	0	1	0	0	1
AT1G55265	0	0	0	0	0	1	0	0	0	1
AT1G55270	0	0	0	0	0	0	-1	0	0	-1
AT1G55330	0	1	1	0	0	1	1	0	0	1
AT1G55360	0	0	0	0	0	0	1	0	0	1
AT1G55370	0	0	0	0	0	0	-1	0	0	-1
AT1G55390	0	0	0	0	0	1	0	0	0	1
AT1G55450	0	0	0	0	0	1	0	1	0	1
AT1G55480	0	0	0	0	0	0	-1	0	0	-1
AT1G55530	0	0	0	0	0	0	-1	0	0	-1
AT1G55545	0	0	1	0	0	0	0	0	0	1
AT1G55660	0	0	0	1	0	0	0	0	0	1
AT1G55670	0	0	0	0	0	0	-1	0	0	-1
AT1G55690	0	0	-1	0	0	0	0	0	0	-1
AT1G55740	0	0	0	0	0	1	0	0	0	1
AT1G55760	0	0	0	0	0	0	1	0	0	1
AT1G55805	0	0	0	0	0	0	-1	0	0	-1
AT1G55940	0	0	0	0	0	0	0	0	1	1
AT1G55960	0	0	0	0	0	0	1	0	0	1
AT1G55980	0	0	0	0	0	0	-1	0	0	-1
AT1G55990	0	0	0	0	0	1	0	0	0	1
AT1G56000	0	0	0	0	0	0	-1	0	0	-1
AT1G56010	0	0	0	0	0	0	1	0	0	1
AT1G56020	0	0	0	0	0	0	-1	0	0	-1
AT1G56050	0	0	0	0	0	0	-1	0	0	-1
AT1G56120	0	0	0	0	0	0	1	0	0	1
AT1G56130	0	0	0	0	0	0	1	0	0	1
AT1G56140	0	0	0	0	0	0	1	0	0	1
AT1G56145	0	0	0	0	0	0	1	0	0	1
AT1G56150	0	0	0	0	0	-1	-1	0	0	-1
AT1G56190	0	0	0	0	0	0	-1	0	0	-1
AT1G56200	0	0	0	0	0	0	-1	0	0	-1
AT1G56240	0	0	0	0	0	0	0	1	0	1
AT1G56260	0	0	0	0	0	0	-1	0	0	-1
AT1G56320	0	0	0	0	0	0	0	0	1	1
AT1G56430	0	0	0	0	0	-1	0	0	0	-1
AT1G56500	0	0	0	0	0	0	-1	0	0	-1
AT1G56540	0	0	0	0	0	1	0	0	0	1
AT1G56550	0	0	0	0	0	1	0	0	0	1
AT1G56590	0	0	-1	0	0	0	0	0	0	-1
AT1G56650	0	0	0	0	0	1	0	0	0	1
AT1G56680	-1	0	0	0	0	0	0	0	0	-1
AT1G56700	0	0	0	0	0	0	1	0	0	1
AT1G56720	1	1	0	0	0	0	0	0	0	1
AT1G57560	1	1	0	0	0	0	0	0	1	1
AT1G57610	0	0	0	0	0	0	0	-1	-1	-1
AT1G57720	0	0	0	0	0	0	0	-1	-1	-1
AT1G57750	0	0	0	0	0	0	0	1	1	1
AT1G57790	0	0	0	0	0	0	-1	0	0	-1
AT1G57943	0	0	0	0	0	1	0	0	0	1
AT1G57980	0	0	0	0	0	1	1	0	0	1
AT1G57990	0	0	0	0	0	1	1	0	0	1
AT1G58150	0	0	0	0	0	0	0	-1	-1	-1
AT1G58160	0	0	0	0	0	0	0	0	-1	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G58170	0	0	0	0	0	0	0	-1	-1	-1
AT1G58180	0	0	0	0	0	0	0	0	-1	-1
AT1G58235	0	0	0	0	0	0	0	-1	-1	-1
AT1G58270	0	0	0	0	0	0	0	-1	-1	-1
AT1G58280	0	0	0	0	0	0	0	0	-1	-1
AT1G58340	1	1	0	0	0	0	0	0	0	1
AT1G58370	0	0	0	0	0	0	1	0	0	1
AT1G58400	0	0	0	0	0	0	0	0	-1	-1
AT1G58420	0	0	0	0	0	0	0	1	0	1
AT1G58470	0	0	0	0	0	0	-1	0	0	-1
AT1G58590	0	0	0	0	0	-1	0	0	-1	-1
AT1G58602	0	0	0	0	0	0	0	-1	-1	-1
AT1G58807	0	0	0	0	0	0	0	-1	-1	-1
AT1G59218	0	0	0	0	0	0	0	-1	-1	-1
AT1G59359	0	0	0	0	0	0	0	-1	-1	-1
AT1G59500	1	1	1	0	0	1	0	0	0	1
AT1G59590	0	0	0	0	0	1	1	0	0	1
AT1G59620	0	0	0	0	0	0	0	0	1	1
AT1G59640	0	0	0	0	0	0	0	0	-1	-1
AT1G59710	1	1	0	0	0	0	0	0	0	1
AT1G59830	0	0	0	0	0	0	-1	0	0	-1
AT1G59900	0	0	0	0	0	0	0	-1	-1	-1
AT1G59910	0	0	0	0	0	0	1	0	0	1
AT1G59940	-1	-1	0	0	0	-1	0	-1	0	-1
AT1G59960	-1	-1	0	0	0	-1	0	0	0	-1
AT1G60000	0	0	0	0	0	0	-1	0	0	-1
AT1G60030	0	0	0	1	0	1	1	0	0	1
AT1G60060	0	1	0	0	0	0	0	0	0	1
AT1G60070	0	0	0	0	0	0	1	0	0	1
AT1G60095	0	0	0	0	0	0	0	1	0	1
AT1G60160	0	0	0	-1	0	0	-1	0	0	-1
AT1G60190	0	0	0	0	0	0	1	0	0	1
AT1G60230	0	0	0	0	0	0	-1	0	0	-1
AT1G60270	0	0	0	0	0	0	0	0	1	1
AT1G60360	0	0	0	0	0	0	0	0	1	1
AT1G60450	0	0	0	0	0	1	0	0	0	1
AT1G60490	0	0	-1	0	0	0	0	0	0	-1
AT1G60550	0	0	0	0	0	0	-1	0	0	-1
AT1G60600	0	0	0	0	0	0	-1	0	-1	-1
AT1G60610	0	0	0	0	0	0	1	0	0	1
AT1G60740	0	0	0	0	0	1	1	0	0	1
AT1G60780	0	0	0	0	0	0	0	0	-1	-1
AT1G60890	0	0	1	0	0	0	0	0	0	1
AT1G60940	0	0	0	0	0	0	1	0	0	1
AT1G60950	0	0	0	0	0	0	-1	0	0	-1
AT1G60960	-1	0	-1	0	0	0	0	0	0	-1
AT1G61100	0	1	1	0	0	0	0	0	0	1
AT1G61140	0	0	0	1	0	0	0	0	0	1
AT1G61170	1	1	0	0	0	0	1	0	0	1
AT1G61180	0	0	0	0	0	0	0	0	-1	-1
AT1G61190	0	0	0	0	0	0	0	0	1	1
AT1G61200	0	0	0	0	0	1	0	0	0	1
AT1G61230	0	0	0	0	0	-1	0	0	0	-1
AT1G61250	0	0	0	1	0	0	0	0	0	1
AT1G61255	0	0	0	0	0	1	0	0	1	1
AT1G61260	1	1	0	0	0	1	1	1	1	1
AT1G61280	0	0	0	0	0	0	-1	0	0	-1
AT1G61300	0	0	0	0	0	0	0	0	1	1
AT1G61310	0	0	0	0	0	0	0	0	-1	-1
AT1G61350	1	1	1	0	0	0	0	0	0	1
AT1G61390	0	0	0	1	0	1	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G61440	0	0	0	0	0	0	0	0	1	1
AT1G61490	0	0	0	0	0	0	0	0	1	1
AT1G61520	0	0	0	0	0	0	-1	0	0	-1
AT1G61560	0	0	0	0	0	0	0	1	0	1
AT1G61580	0	0	0	0	0	0	1	0	0	1
AT1G61667	1	1	0	0	0	1	1	0	0	1
AT1G61750	0	0	0	0	0	1	0	0	0	1
AT1G61770	0	0	0	0	0	0	1	0	0	1
AT1G61800	0	0	0	0	0	0	-1	0	0	-1
AT1G61820	0	0	0	0	0	0	0	1	0	1
AT1G61890	1	1	0	0	0	0	0	0	0	1
AT1G62030	0	0	0	0	0	0	-1	0	0	-1
AT1G62040	0	0	0	1	0	0	0	0	0	1
AT1G62085	0	0	0	0	0	0	0	0	-1	-1
AT1G62290	0	0	0	0	0	0	-1	0	0	-1
AT1G62360	0	0	0	0	0	0	-1	0	0	-1
AT1G62420	0	0	0	0	0	0	0	0	1	1
AT1G62430	0	0	0	1	0	0	0	0	0	1
AT1G62440	1	1	0	0	0	1	0	0	1	1
AT1G62480	0	0	0	0	0	0	1	0	0	1
AT1G62500	0	-1	0	0	0	0	-1	0	0	-1
AT1G62570	0	0	0	0	0	1	1	0	0	1
AT1G62660	0	0	0	0	0	1	1	0	0	1
AT1G62740	0	0	-1	0	0	0	0	0	0	-1
AT1G62760	0	0	0	0	0	0	-1	0	0	-1
AT1G62766	0	0	0	0	0	-1	0	0	0	-1
AT1G62770	0	0	0	0	0	0	-1	0	0	-1
AT1G62790	0	0	0	0	0	0	1	0	0	1
AT1G62800	0	0	0	0	0	0	1	0	0	1
AT1G62810	-1	0	0	0	0	0	0	0	0	-1
AT1G62860	0	0	0	0	0	0	0	0	-1	-1
AT1G62910	0	0	0	0	0	0	0	0	-1	-1
AT1G62980	0	0	0	0	0	-1	0	0	-1	-1
AT1G62981	0	0	0	0	0	1	0	0	0	1
AT1G62990	0	0	0	0	0	0	1	0	0	1
AT1G63000	0	0	0	0	0	0	1	0	0	1
AT1G63050	-1	-1	0	0	0	0	0	0	0	-1
AT1G63090	0	-1	-1	0	0	0	0	0	0	-1
AT1G63220	0	0	0	0	0	0	1	0	0	1
AT1G63230	0	0	0	0	0	0	0	0	-1	-1
AT1G63260	0	0	0	0	0	-1	-1	0	-1	-1
AT1G63360	0	0	0	0	0	0	0	0	-1	-1
AT1G63370	0	0	0	0	0	1	0	0	0	1
AT1G63380	0	0	0	0	0	1	1	0	0	1
AT1G63420	0	0	0	0	0	0	0	0	-1	-1
AT1G63470	0	0	-1	0	0	0	0	0	0	-1
AT1G63540	0	0	0	0	0	1	0	0	0	1
AT1G63560	0	0	0	0	0	0	0	1	1	1
AT1G63570	0	0	0	0	0	1	0	0	0	1
AT1G63590	0	0	0	0	0	0	0	0	1	1
AT1G63720	-1	-1	0	0	0	0	0	0	0	-1
AT1G63850	0	0	0	0	0	0	-1	0	0	-1
AT1G63860	0	0	0	0	0	0	0	0	-1	-1
AT1G63870	0	0	0	0	0	1	0	0	1	1
AT1G63880	0	0	-1	0	0	-1	0	0	-1	-1
AT1G64040	0	-1	0	0	0	0	0	0	0	-1
AT1G64070	0	0	0	0	0	1	0	0	0	1
AT1G64100	0	0	0	0	0	1	0	0	0	1
AT1G64140	0	0	-1	0	0	0	0	0	0	-1
AT1G64150	0	0	-1	0	0	0	-1	0	0	-1
AT1G64160	0	0	0	0	0	0	0	1	1	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G64170	0	0	0	0	0	-1	0	0	0	-1
AT1G64185	0	0	0	0	0	0	-1	0	0	-1
AT1G64200	0	0	0	0	0	0	1	0	0	1
AT1G64210	0	0	0	0	0	-1	0	0	0	-1
AT1G64220	0	0	0	0	0	-1	0	0	0	-1
AT1G64250	0	0	0	0	0	-1	0	0	0	-1
AT1G64270	0	0	0	0	0	-1	0	0	-1	-1
AT1G64330	1	1	0	0	0	0	0	0	0	1
AT1G64355	0	0	0	0	0	0	-1	0	0	-1
AT1G64370	0	0	0	0	0	0	1	0	0	1
AT1G64380	1	0	0	0	0	1	1	0	0	1
AT1G64390	0	0	0	0	0	1	1	0	0	1
AT1G64400	0	0	0	0	0	0	0	1	0	1
AT1G64405	0	0	0	0	0	1	0	0	0	1
AT1G64440	0	0	0	0	0	0	1	0	0	1
AT1G64470	0	0	0	0	0	0	1	0	0	1
AT1G64510	0	0	0	0	0	0	-1	0	0	-1
AT1G64540	0	0	0	0	0	1	0	0	0	1
AT1G64580	0	0	0	0	0	0	-1	0	0	-1
AT1G64600	0	0	0	0	0	1	0	0	0	1
AT1G64640	1	1	0	0	0	0	0	0	0	1
AT1G64660	0	-1	0	0	0	0	0	0	0	-1
AT1G64670	1	1	0	0	0	0	0	0	0	1
AT1G64680	0	0	0	0	0	1	0	0	0	1
AT1G64700	0	0	0	0	0	0	1	0	0	1
AT1G64710	0	0	0	0	0	1	1	0	0	1
AT1G64740	0	0	0	0	0	0	1	0	0	1
AT1G64770	0	0	0	0	0	0	-1	0	0	-1
AT1G64780	0	0	0	0	0	-1	0	0	0	-1
AT1G64900	-1	0	0	0	0	0	0	0	0	-1
AT1G64930	0	0	0	0	0	-1	0	0	0	-1
AT1G64940	0	0	0	0	0	-1	0	0	0	-1
AT1G64980	1	0	0	0	0	0	0	0	0	1
AT1G65060	0	0	0	0	0	-1	0	0	0	-1
AT1G65090	0	0	0	0	0	-1	0	0	0	-1
AT1G65150	0	0	0	0	0	-1	0	0	0	-1
AT1G65160	0	0	0	1	0	0	0	0	0	1
AT1G65180	0	0	0	0	0	1	0	0	0	1
AT1G65250	0	0	0	0	0	1	0	0	0	1
AT1G65270	0	0	0	0	0	0	1	0	0	1
AT1G65290	0	0	0	0	0	-1	0	0	0	-1
AT1G65310	1	1	1	1	1	1	1	0	0	1
AT1G65370	0	0	0	0	0	-1	-1	0	0	-1
AT1G65420	0	0	0	0	0	0	-1	0	0	-1
AT1G65485	0	0	0	0	0	0	0	1	1	1
AT1G65500	0	0	0	1	0	0	0	0	0	1
AT1G65541	0	0	0	0	0	-1	0	0	0	-1
AT1G65550	0	0	0	1	0	0	0	0	0	1
AT1G65730	-1	0	0	0	0	0	0	0	0	-1
AT1G65790	0	0	0	1	0	0	0	0	0	1
AT1G65810	0	0	0	0	0	1	0	0	0	1
AT1G65820	0	0	0	0	0	0	1	0	0	1
AT1G65840	0	0	0	0	0	1	1	0	0	1
AT1G65845	0	0	0	0	0	1	0	0	0	1
AT1G65850	0	0	0	0	0	1	0	0	0	1
AT1G65875	0	0	0	0	0	1	0	0	0	1
AT1G65920	0	0	0	0	0	0	1	0	0	1
AT1G65960	0	0	0	0	0	0	1	0	0	1
AT1G65970	0	0	0	0	0	1	1	0	0	1
AT1G65985	0	0	0	0	0	-1	0	0	0	-1
AT1G66070	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G66090	0	0	0	0	0	1	0	1	0	1
AT1G66160	1	1	1	0	0	0	0	0	0	1
AT1G66173	0	0	0	0	0	1	0	0	0	1
AT1G66180	0	0	1	0	0	0	0	0	0	1
AT1G66270	0	0	0	0	0	-1	0	0	0	-1
AT1G66350	1	0	0	0	0	0	1	0	0	1
AT1G66400	0	0	1	0	0	1	0	0	0	1
AT1G66430	0	0	0	0	0	0	-1	0	0	-1
AT1G66440	0	0	0	0	0	1	0	0	0	1
AT1G66450	0	0	0	0	0	1	0	0	0	1
AT1G66470	0	0	0	0	0	-1	0	0	0	-1
AT1G66600	0	0	0	0	0	0	0	1	1	1
AT1G66690	0	0	0	0	0	1	0	0	0	1
AT1G66700	0	0	0	0	0	1	0	1	1	1
AT1G66725	0	0	0	0	0	0	0	-1	0	-1
AT1G66800	0	0	0	0	0	-1	0	-1	0	-1
AT1G66820	0	0	0	0	0	0	-1	0	0	-1
AT1G66870	0	0	0	0	0	-1	0	0	-1	-1
AT1G66880	0	0	0	0	0	0	0	1	0	1
AT1G66890	-1	-1	0	0	0	0	0	0	0	-1
AT1G66920	0	0	0	0	0	1	0	0	1	1
AT1G66940	0	0	0	0	0	0	0	1	0	1
AT1G66970	0	0	0	0	0	1	0	0	0	1
AT1G66990	0	0	0	0	0	1	0	0	0	1
AT1G67000	0	0	0	0	0	1	0	0	0	1
AT1G67030	-1	0	0	0	0	0	0	-1	0	-1
AT1G67035	0	0	0	0	0	1	0	0	0	1
AT1G67050	0	0	1	0	0	0	0	0	0	1
AT1G67100	0	0	0	0	0	-1	0	0	0	-1
AT1G67105	0	0	0	0	0	-1	0	0	0	-1
AT1G67110	-1	-1	0	0	0	0	0	0	0	-1
AT1G67148	0	0	0	0	0	1	0	0	0	1
AT1G67150	0	0	0	0	0	1	0	0	0	1
AT1G67160	0	0	0	0	0	1	0	0	0	1
AT1G67265	0	0	0	0	0	0	0	0	-1	-1
AT1G67330	0	0	0	0	0	0	1	0	0	1
AT1G67360	0	0	0	0	0	0	1	0	0	1
AT1G67365	0	0	0	0	0	-1	0	0	0	-1
AT1G67400	0	0	0	0	0	0	-1	0	0	-1
AT1G67520	0	0	0	0	0	1	0	0	0	1
AT1G67550	0	0	0	0	0	-1	0	0	0	-1
AT1G67600	0	0	0	0	0	-1	0	0	0	-1
AT1G67640	0	0	0	0	0	1	0	0	0	1
AT1G67700	0	0	0	0	0	0	-1	0	0	-1
AT1G67740	0	0	0	0	0	0	-1	0	0	-1
AT1G67750	0	1	0	0	0	0	0	0	0	1
AT1G67810	0	0	0	0	0	0	0	1	0	1
AT1G67830	0	0	0	0	0	0	-1	0	0	-1
AT1G67860	0	0	0	0	0	-1	0	0	0	-1
AT1G67870	0	0	0	0	0	-1	0	0	0	-1
AT1G67900	0	0	0	0	0	0	0	-1	0	-1
AT1G67910	0	0	0	0	0	0	-1	0	0	-1
AT1G67980	0	0	0	0	0	1	0	1	1	1
AT1G68190	-1	-1	0	0	0	0	0	0	0	-1
AT1G68250	0	0	0	0	0	-1	0	0	0	-1
AT1G68260	0	0	0	0	0	0	-1	0	0	-1
AT1G68300	0	0	0	0	0	0	1	0	0	1
AT1G68350	0	0	0	0	0	1	0	0	0	1
AT1G68360	0	-1	0	0	0	0	0	0	0	-1
AT1G68410	1	1	1	0	0	0	0	0	0	1
AT1G68440	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G68450	0	0	0	0	0	1	0	0	0	1
AT1G68500	0	0	0	0	0	0	-1	0	0	-1
AT1G68520	0	0	0	0	0	0	-1	0	0	-1
AT1G68530	0	0	0	0	0	1	1	0	0	1
AT1G68550	0	-1	0	0	0	0	-1	0	0	-1
AT1G68560	-1	-1	0	0	0	0	0	0	0	-1
AT1G68570	0	0	0	0	0	0	-1	0	0	-1
AT1G68585	0	0	0	0	0	-1	-1	0	0	-1
AT1G68590	0	0	0	0	0	0	-1	0	0	-1
AT1G68620	0	0	0	0	0	0	0	0	1	1
AT1G68725	0	0	0	0	0	1	0	0	0	1
AT1G68740	0	0	0	0	0	0	1	0	0	1
AT1G68780	0	1	1	0	0	0	0	0	0	1
AT1G68800	0	0	0	0	0	1	0	0	0	1
AT1G68820	0	0	0	0	0	1	1	0	0	1
AT1G68825	0	0	0	0	0	-1	0	0	0	-1
AT1G68850	0	0	0	0	0	1	0	0	1	1
AT1G69030	0	1	0	0	0	0	0	0	0	1
AT1G69160	-1	-1	0	0	0	0	0	0	-1	-1
AT1G69270	0	0	-1	0	0	0	0	0	0	-1
AT1G69310	0	0	0	0	0	0	1	0	0	1
AT1G69390	0	0	0	0	0	0	-1	0	0	-1
AT1G69400	0	0	0	0	0	0	-1	0	0	-1
AT1G69410	-1	-1	0	0	0	-1	-1	0	0	-1
AT1G69480	0	0	0	0	0	1	0	0	0	1
AT1G69490	1	1	0	0	0	1	0	0	1	1
AT1G69530	0	0	0	0	0	1	1	0	0	1
AT1G69570	0	0	0	0	0	0	1	0	0	1
AT1G69690	0	0	0	0	0	0	-1	0	0	-1
AT1G69700	0	0	0	0	0	-1	-1	0	0	-1
AT1G69740	0	0	0	0	0	0	-1	0	0	-1
AT1G69780	0	-1	0	0	0	0	0	0	0	-1
AT1G69800	0	0	-1	0	0	0	0	0	0	-1
AT1G69840	0	0	0	0	0	0	1	0	0	1
AT1G69870	-1	-1	-1	0	0	0	0	0	0	-1
AT1G69890	1	0	0	0	0	1	0	0	0	1
AT1G69920	0	0	0	0	0	1	0	1	0	1
AT1G69935	0	0	0	0	0	0	-1	0	0	-1
AT1G69950	0	0	0	0	0	0	-1	0	0	-1
AT1G70000	0	0	0	1	0	0	0	0	0	1
AT1G70090	0	0	0	0	0	0	-1	0	0	-1
AT1G70130	0	0	0	0	0	1	0	0	0	1
AT1G70210	0	-1	0	0	0	0	0	0	0	-1
AT1G70230	0	0	0	1	0	0	0	0	0	1
AT1G70270	0	0	0	0	0	0	1	0	0	1
AT1G70300	-1	-1	0	-1	0	0	0	0	0	-1
AT1G70310	0	0	0	0	0	0	-1	0	0	-1
AT1G70340	0	0	0	0	0	1	0	0	0	1
AT1G70370	0	1	0	0	0	0	1	0	0	1
AT1G70460	0	0	0	0	0	1	0	0	0	1
AT1G70470	0	0	0	0	0	0	1	0	0	1
AT1G70530	-1	0	-1	0	0	0	0	0	0	-1
AT1G70560	0	0	0	0	0	0	1	0	0	1
AT1G70680	0	0	0	0	0	1	0	0	0	1
AT1G70700	0	0	1	0	0	0	0	0	0	1
AT1G70710	0	0	0	0	0	0	1	0	0	1
AT1G70750	0	0	0	0	0	0	1	0	0	1
AT1G70830	0	-1	0	0	0	0	0	0	0	-1
AT1G70850	0	0	0	0	0	0	1	0	0	1
AT1G70885	0	0	0	0	0	0	0	0	-1	-1
AT1G70890	0	0	0	0	0	-1	0	-1	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G70940	-1	-1	0	0	0	0	0	0	0	-1
AT1G70985	0	0	0	0	0	0	0	0	1	1
AT1G70990	0	0	0	0	0	1	1	0	0	1
AT1G71030	-1	0	0	-1	0	0	0	0	0	-1
AT1G71040	0	0	0	0	0	0	1	0	0	1
AT1G71180	0	0	0	0	0	0	-1	0	0	-1
AT1G71250	0	0	0	0	0	-1	0	0	0	-1
AT1G71260	0	0	0	0	0	0	-1	0	0	-1
AT1G71310	0	0	0	0	0	0	-1	0	0	-1
AT1G71380	0	0	0	0	0	1	0	0	0	1
AT1G71440	0	0	-1	0	0	0	0	0	0	-1
AT1G71500	0	0	0	0	0	0	-1	0	0	-1
AT1G71692	0	0	0	0	0	-1	0	0	-1	-1
AT1G71697	0	1	0	0	0	0	1	0	0	1
AT1G71710	0	0	0	0	0	0	1	0	0	1
AT1G71740	0	0	0	0	0	1	1	0	0	1
AT1G71790	0	0	0	0	0	0	-1	0	0	-1
AT1G71880	0	0	0	1	0	1	0	0	0	1
AT1G71960	0	0	0	0	0	0	-1	0	0	-1
AT1G71990	0	0	0	0	0	0	-1	0	0	-1
AT1G72030	0	0	-1	0	0	0	-1	0	0	-1
AT1G72040	0	0	0	0	0	0	-1	0	0	-1
AT1G72090	0	0	0	0	0	0	-1	0	0	-1
AT1G72150	0	0	0	0	0	0	1	0	0	1
AT1G72160	0	0	0	0	0	0	1	0	0	1
AT1G72180	-1	-1	-1	0	0	-1	-1	0	0	-1
AT1G72210	0	0	0	0	0	-1	0	0	0	-1
AT1G72230	0	0	0	0	0	1	1	0	0	1
AT1G72240	0	0	0	0	0	1	0	0	0	1
AT1G72290	0	0	0	0	0	1	0	0	0	1
AT1G72340	0	0	0	0	0	0	-1	0	0	-1
AT1G72430	0	1	1	0	0	1	1	0	0	1
AT1G72450	0	0	0	0	0	1	1	0	0	1
AT1G72470	0	1	0	0	0	0	1	0	0	1
AT1G72500	0	1	0	0	0	0	0	0	0	1
AT1G72610	0	0	0	0	0	-1	-1	-1	-1	-1
AT1G72680	-1	0	0	0	0	0	0	0	0	-1
AT1G72790	1	1	0	0	0	0	0	0	0	1
AT1G72890	0	0	0	0	0	0	0	0	1	1
AT1G72930	0	0	0	0	0	0	0	0	1	1
AT1G72940	-1	0	0	0	0	-1	0	0	0	-1
AT1G73040	0	0	0	0	0	1	0	0	0	1
AT1G73060	0	0	0	0	0	0	-1	0	0	-1
AT1G73090	0	0	0	0	0	0	-1	0	0	-1
AT1G73120	0	0	0	0	0	1	1	0	0	1
AT1G73250	0	0	0	0	0	0	-1	0	0	-1
AT1G73300	0	0	0	0	0	0	1	0	0	1
AT1G73370	0	0	0	0	0	0	0	0	1	1
AT1G73380	0	0	-1	0	0	0	-1	0	0	-1
AT1G73390	0	0	0	0	0	0	1	0	0	1
AT1G73410	0	0	0	0	0	1	0	0	0	1
AT1G73470	0	0	0	0	0	0	-1	0	0	-1
AT1G73480	-1	0	0	0	0	0	0	0	0	-1
AT1G73530	0	0	0	0	0	0	-1	0	0	-1
AT1G73620	-1	-1	0	0	0	-1	0	0	0	-1
AT1G73630	0	0	0	0	0	0	-1	0	0	-1
AT1G73640	0	0	0	0	0	1	1	0	0	1
AT1G73650	0	0	0	0	0	0	-1	0	0	-1
AT1G73655	0	0	0	0	0	0	-1	0	0	-1
AT1G73805	0	0	0	0	0	0	0	1	0	1
AT1G73840	0	0	-1	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G73965	0	0	0	0	0	1	0	0	0	1
AT1G74010	0	0	0	0	0	1	0	0	0	1
AT1G74020	0	0	0	0	0	0	1	0	0	1
AT1G74080	0	0	0	0	0	1	0	0	0	1
AT1G74090	-1	-1	0	0	0	0	0	0	0	-1
AT1G74100	0	0	0	0	0	0	1	0	0	1
AT1G74110	0	0	0	0	0	0	0	1	1	1
AT1G74150	0	0	0	0	0	-1	0	0	0	-1
AT1G74210	0	0	0	0	0	0	1	0	0	1
AT1G74290	0	0	1	0	0	0	0	0	0	1
AT1G74360	0	0	0	0	0	1	0	0	0	1
AT1G74370	0	0	0	0	0	0	-1	0	0	-1
AT1G74380	0	1	1	0	0	0	0	0	0	1
AT1G74410	0	0	0	0	0	0	1	0	0	1
AT1G74460	0	0	0	0	0	1	0	1	1	1
AT1G74470	0	0	0	0	0	0	-1	0	0	-1
AT1G74500	-1	-1	0	0	0	-1	0	0	0	-1
AT1G74650	0	0	0	1	0	0	0	0	1	1
AT1G74660	0	0	0	0	0	1	1	0	0	1
AT1G74670	0	0	0	0	0	1	0	0	0	1
AT1G74690	0	0	0	0	0	0	1	0	0	1
AT1G74710	0	0	0	0	0	1	0	0	0	1
AT1G74730	0	0	0	0	0	0	-1	-1	0	-1
AT1G74740	0	0	0	0	0	0	1	0	0	1
AT1G74780	0	0	0	0	0	0	-1	0	0	-1
AT1G74890	0	0	1	0	0	0	0	0	0	1
AT1G74910	0	0	0	0	0	0	-1	0	0	-1
AT1G74920	0	0	0	0	0	0	-1	0	0	-1
AT1G74970	0	0	0	0	0	0	-1	0	0	-1
AT1G75000	0	0	0	0	0	1	0	0	1	1
AT1G75030	0	0	0	0	0	0	0	0	1	1
AT1G75080	1	1	1	0	0	0	0	0	0	1
AT1G75180	0	0	0	0	0	0	-1	0	0	-1
AT1G75240	1	1	0	0	0	0	0	0	0	1
AT1G75330	0	0	0	0	0	0	-1	0	0	-1
AT1G75350	0	0	0	0	0	0	-1	0	0	-1
AT1G75440	0	0	0	0	0	0	1	0	0	1
AT1G75450	0	0	0	0	0	0	-1	0	0	-1
AT1G75460	-1	0	-1	0	0	0	0	-1	0	-1
AT1G75500	-1	-1	0	0	0	0	0	0	-1	-1
AT1G75520	0	0	0	0	0	-1	0	0	0	-1
AT1G75550	0	0	0	0	0	1	0	0	0	1
AT1G75580	-1	0	0	0	0	0	0	0	0	-1
AT1G75590	0	0	0	0	0	0	-1	0	0	-1
AT1G75600	0	0	0	0	0	0	-1	0	0	-1
AT1G75610	0	0	0	0	0	0	-1	0	0	-1
AT1G75640	0	0	0	0	0	1	0	0	0	1
AT1G75680	0	0	1	0	0	0	0	0	0	1
AT1G75690	0	0	0	0	0	0	-1	0	0	-1
AT1G75770	0	0	0	0	0	-1	0	0	0	-1
AT1G75780	0	1	0	0	0	0	1	0	0	1
AT1G75820	0	0	0	0	0	0	-1	0	0	-1
AT1G75830	0	0	0	-1	0	0	0	0	0	-1
AT1G75900	0	0	0	0	0	1	1	0	0	1
AT1G75920	0	0	0	0	0	1	0	0	0	1
AT1G76080	0	0	0	0	0	0	-1	-1	0	-1
AT1G76090	0	0	0	0	0	0	1	0	0	1
AT1G76100	0	0	0	0	0	0	-1	0	0	-1
AT1G76160	1	1	1	0	0	0	1	0	0	1
AT1G76180	0	0	0	0	0	1	1	0	0	1
AT1G76220	0	0	0	0	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G76300	0	0	-1	0	0	0	0	0	0	-1
AT1G76310	0	0	0	0	0	1	0	0	0	1
AT1G76360	0	0	0	0	0	1	0	0	0	1
AT1G76405	0	0	0	0	0	0	-1	0	0	-1
AT1G76430	0	0	0	0	0	1	0	0	0	1
AT1G76500	-1	-1	0	0	0	0	0	0	0	-1
AT1G76540	0	0	0	0	0	1	1	0	0	1
AT1G76550	0	0	0	0	0	0	1	0	0	1
AT1G76670	0	1	1	0	0	0	0	0	0	1
AT1G76680	0	0	0	1	0	0	0	1	0	1
AT1G76690	1	1	0	0	0	0	0	0	0	1
AT1G76730	0	0	0	0	0	0	-1	0	0	-1
AT1G76740	0	0	0	0	0	1	0	0	0	1
AT1G76890	0	1	0	0	0	0	0	0	0	1
AT1G77090	0	0	0	0	0	0	-1	0	0	-1
AT1G77130	0	0	0	0	0	0	1	0	0	1
AT1G77260	0	0	0	0	0	0	1	0	0	1
AT1G77280	0	0	0	0	0	0	1	0	0	1
AT1G77330	0	0	0	0	0	0	1	0	0	1
AT1G77380	0	-1	0	-1	0	0	0	0	0	-1
AT1G77420	0	0	0	0	0	0	1	0	0	1
AT1G77490	0	0	0	0	0	0	-1	0	0	-1
AT1G77500	0	0	0	0	0	0	1	0	0	1
AT1G77630	0	0	0	0	0	0	-1	0	0	-1
AT1G77640	0	0	0	0	0	0	-1	0	0	-1
AT1G77690	-1	0	0	0	0	0	0	0	0	-1
AT1G77710	0	0	0	0	0	0	-1	0	0	-1
AT1G77740	0	0	0	0	0	0	1	0	0	1
AT1G77760	-1	0	0	-1	-1	0	0	0	0	-1
AT1G77765	0	0	0	0	0	1	0	0	0	1
AT1G77870	0	1	0	0	0	0	0	0	0	1
AT1G77920	0	0	0	0	0	0	1	0	0	1
AT1G77950	0	0	0	0	0	1	0	0	0	1
AT1G77990	0	1	0	0	0	0	0	0	1	1
AT1G78010	0	0	0	0	0	0	-1	0	0	-1
AT1G78070	0	1	1	0	0	0	0	0	0	1
AT1G78080	0	0	0	0	0	0	-1	0	0	-1
AT1G78090	0	0	0	-1	0	0	0	0	0	-1
AT1G78120	0	0	0	0	0	0	1	0	0	1
AT1G78170	0	0	1	0	0	0	0	0	0	1
AT1G78230	0	0	0	0	0	1	0	0	0	1
AT1G78240	1	1	1	0	0	0	0	0	0	1
AT1G78260	0	1	1	0	0	0	1	0	0	1
AT1G78290	0	0	0	0	0	0	1	0	0	1
AT1G78300	0	0	0	0	0	0	1	0	0	1
AT1G78320	0	0	0	0	0	-1	0	0	0	-1
AT1G78370	-1	0	0	0	0	0	0	0	0	-1
AT1G78410	0	0	0	0	0	0	0	1	0	1
AT1G78460	0	0	0	0	0	0	0	1	0	1
AT1G78490	0	0	0	1	0	0	0	0	0	1
AT1G78630	0	0	0	0	0	0	-1	0	0	-1
AT1G78660	0	0	0	0	0	0	1	0	0	1
AT1G78670	0	0	0	0	0	0	1	0	0	1
AT1G78830	0	0	0	0	0	1	1	0	0	1
AT1G78850	0	0	0	0	0	1	1	0	1	1
AT1G78860	0	0	0	1	0	1	1	0	0	1
AT1G78890	0	0	-1	0	0	0	0	0	0	-1
AT1G78970	1	1	0	0	0	0	1	0	0	1
AT1G79040	0	0	0	0	0	0	-1	0	0	-1
AT1G79080	0	0	-1	0	0	0	0	0	0	-1
AT1G79270	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT1G79330	0	0	0	0	0	1	0	0	0	1
AT1G79340	0	0	0	0	0	0	1	0	0	1
AT1G79360	0	0	0	0	0	0	-1	0	0	-1
AT1G79380	0	0	0	0	0	0	1	0	0	1
AT1G79450	0	0	0	1	0	0	0	0	0	1
AT1G79490	0	0	0	0	0	0	-1	0	0	-1
AT1G79580	0	0	0	0	0	-1	0	0	0	-1
AT1G79590	0	0	0	0	0	0	1	0	0	1
AT1G79630	-1	-1	0	0	0	0	0	0	0	-1
AT1G79660	0	1	0	0	0	0	0	0	0	1
AT1G79680	0	0	0	0	0	0	0	1	1	1
AT1G79750	0	0	0	0	0	0	-1	0	0	-1
AT1G79790	0	0	0	0	0	0	-1	0	0	-1
AT1G79810	0	0	-1	0	0	0	0	0	0	-1
AT1G79850	0	0	0	0	0	0	-1	0	0	-1
AT1G79920	0	0	0	0	0	0	1	0	0	1
AT1G79930	0	0	0	0	0	0	1	0	0	1
AT1G80050	-1	0	0	0	0	-1	-1	0	-1	-1
AT1G80100	0	0	0	0	0	-1	0	0	0	-1
AT1G80130	-1	-1	0	0	0	-1	0	0	0	-1
AT1G80240	0	0	0	0	0	1	1	1	1	1
AT1G80280	1	1	0	0	0	1	1	0	0	1
AT1G80360	0	0	0	0	0	0	1	0	0	1
AT1G80390	0	0	0	1	0	0	0	0	0	1
AT1G80480	0	0	0	0	0	0	-1	0	0	-1
AT1G80530	0	0	0	0	0	0	-1	0	0	-1
AT1G80560	0	0	0	0	0	0	-1	0	0	-1
AT1G80630	0	0	0	0	0	0	-1	0	0	-1
AT1G80770	0	0	-1	0	0	0	0	0	0	-1
AT1G80840	-1	-1	0	0	0	0	0	0	0	-1
AT1G80850	0	0	-1	0	0	0	0	0	0	-1
AT1G80860	0	0	0	0	0	0	-1	0	0	-1
AT2G01080	0	0	0	0	0	0	-1	0	0	-1
AT2G01090	0	0	0	0	0	0	-1	0	0	-1
AT2G01110	0	0	-1	0	0	0	-1	0	0	-1
AT2G01150	0	0	-1	0	0	0	0	0	0	-1
AT2G01180	0	1	0	0	0	0	0	1	0	1
AT2G01190	1	1	0	0	0	0	0	0	0	1
AT2G01200	0	0	0	0	0	1	0	0	0	1
AT2G01220	0	0	0	0	0	0	-1	0	0	-1
AT2G01290	0	0	0	0	0	0	-1	0	0	-1
AT2G01300	1	1	0	0	0	0	0	0	0	1
AT2G01420	-1	-1	-1	0	0	0	-1	0	0	-1
AT2G01460	0	0	0	0	0	0	1	0	0	1
AT2G01520	0	0	0	0	0	-1	0	0	0	-1
AT2G01530	0	0	0	0	0	0	1	0	0	1
AT2G01580	0	0	0	0	0	0	-1	0	0	-1
AT2G01590	0	0	0	0	0	0	-1	0	0	-1
AT2G01630	0	0	0	0	0	0	-1	0	0	-1
AT2G01650	0	0	0	1	0	0	0	0	0	1
AT2G01660	0	0	0	0	0	0	1	0	0	1
AT2G01670	0	0	0	1	0	0	0	0	0	1
AT2G01770	0	0	0	0	0	1	0	0	0	1
AT2G01790	0	0	0	1	0	0	0	0	0	1
AT2G01830	0	0	0	0	0	0	1	0	0	1
AT2G01850	0	0	0	0	0	0	1	0	0	1
AT2G01910	0	0	0	0	0	0	1	0	0	1
AT2G02020	0	0	0	0	0	-1	0	0	0	-1
AT2G02070	-1	-1	0	0	0	0	0	0	0	-1
AT2G02120	0	0	0	0	0	-1	0	0	0	-1
AT2G02160	0	0	0	-1	0	0	0	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G02170	1	0	0	0	0	0	0	0	0	1
AT2G02250	0	0	0	1	0	0	0	0	0	1
AT2G02300	0	0	0	0	0	1	0	0	0	1
AT2G02310	0	0	0	1	0	0	0	0	0	1
AT2G02360	0	0	0	0	0	0	1	0	0	1
AT2G02500	0	0	0	0	0	0	-1	0	0	-1
AT2G02630	0	0	0	0	0	1	0	0	0	1
AT2G02680	0	0	0	0	0	1	1	1	0	1
AT2G02700	0	0	0	0	0	1	0	0	0	1
AT2G02800	0	0	0	0	0	1	0	0	0	1
AT2G02820	0	0	0	0	0	1	0	0	0	1
AT2G02850	0	0	0	1	0	0	0	0	0	1
AT2G02860	1	0	0	0	0	0	0	0	0	1
AT2G02930	0	0	0	0	0	0	0	1	1	1
AT2G02990	0	0	0	0	0	1	0	0	0	1
AT2G03250	0	0	0	0	0	0	0	0	1	1
AT2G03480	0	1	0	0	0	0	0	0	0	1
AT2G03505	0	0	0	0	0	0	0	0	1	1
AT2G03640	0	0	0	0	0	-1	0	0	0	-1
AT2G03690	0	0	0	0	0	0	-1	0	0	-1
AT2G03720	0	0	0	0	0	-1	0	0	0	-1
AT2G03730	0	0	0	0	0	0	1	0	0	1
AT2G03750	-1	0	-1	0	0	0	0	0	0	-1
AT2G03760	-1	-1	-1	-1	0	0	0	0	0	-1
AT2G04030	0	0	0	-1	0	0	0	0	0	-1
AT2G04039	0	0	0	0	0	0	0	-1	0	-1
AT2G04090	0	0	0	0	0	-1	0	0	0	-1
AT2G04100	0	0	-1	0	0	0	0	0	0	-1
AT2G04110	0	0	0	0	0	0	0	-1	0	-1
AT2G04160	-1	0	0	0	0	0	0	0	0	-1
AT2G04230	0	0	-1	0	0	0	0	0	0	-1
AT2G04240	1	1	1	0	0	0	0	0	0	1
AT2G04300	0	0	0	1	0	0	0	0	0	1
AT2G04305	0	0	0	0	0	0	1	0	0	1
AT2G04360	0	0	0	0	0	0	-1	0	0	-1
AT2G04480	0	0	0	0	0	-1	0	0	0	-1
AT2G04500	0	0	0	0	0	1	1	0	1	1
AT2G04540	0	0	0	0	0	0	-1	0	0	-1
AT2G04570	0	0	0	1	0	1	1	0	0	1
AT2G04780	0	1	0	0	0	0	1	0	0	1
AT2G05060	0	0	0	0	0	0	-1	0	0	-1
AT2G05070	0	0	0	0	0	0	-1	-1	0	-1
AT2G05100	0	0	0	0	0	0	-1	-1	0	-1
AT2G05280	0	0	0	0	0	1	0	0	0	1
AT2G05310	0	0	0	0	0	0	-1	0	0	-1
AT2G05440	0	0	0	0	0	1	0	0	0	1
AT2G05510	0	0	0	0	0	1	0	0	0	1
AT2G05530	0	0	0	0	0	-1	0	0	0	-1
AT2G05620	0	0	0	0	0	0	-1	0	0	-1
AT2G05710	0	0	0	0	0	0	1	0	0	1
AT2G05790	-1	-1	0	0	0	0	0	0	0	-1
AT2G05910	0	0	0	0	0	1	0	0	0	1
AT2G05940	0	1	1	0	0	1	1	0	0	1
AT2G06510	0	0	0	0	0	0	-1	0	0	-1
AT2G06520	0	0	0	0	0	0	-1	0	0	-1
AT2G06530	0	0	0	0	0	0	1	0	0	1
AT2G06850	0	0	1	1	0	1	1	0	0	1
AT2G06925	0	0	0	0	0	1	1	0	0	1
AT2G07042	0	0	0	0	0	0	0	0	-1	-1
AT2G07140	0	0	0	0	0	-1	0	0	0	-1
AT2G07680	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G07727	0	0	0	0	0	0	-1	0	0	-1
AT2G11300	0	0	0	0	0	1	0	0	0	1
AT2G11520	0	0	0	0	0	0	1	0	0	1
AT2G11790	0	0	0	0	0	1	0	0	0	1
AT2G11810	0	0	0	0	0	1	1	1	0	1
AT2G12190	0	0	0	0	0	-1	0	0	0	-1
AT2G12200	0	0	0	0	0	0	-1	0	0	-1
AT2G12210	0	0	0	1	0	0	0	0	0	1
AT2G12230	0	0	0	0	0	0	-1	0	0	-1
AT2G12280	0	0	0	0	0	0	-1	0	0	-1
AT2G12400	0	0	0	0	0	0	1	0	0	1
AT2G12462	0	0	0	0	0	1	0	0	0	1
AT2G13440	0	0	-1	0	0	0	0	0	0	-1
AT2G13790	0	0	0	1	0	0	0	0	1	1
AT2G13840	0	0	0	0	0	0	-1	0	0	-1
AT2G14060	0	0	0	0	0	0	0	-1	0	-1
AT2G14100	0	0	1	0	0	0	0	0	0	1
AT2G14160	0	0	0	0	0	1	0	0	0	1
AT2G14300	0	0	0	1	0	0	0	0	0	1
AT2G14460	0	0	0	0	0	0	-1	0	0	-1
AT2G14530	0	0	0	0	0	0	-1	0	0	-1
AT2G14560	0	0	0	1	0	0	0	0	1	1
AT2G14610	0	0	0	1	0	0	0	0	0	1
AT2G14720	0	0	0	0	0	0	1	0	0	1
AT2G14740	0	0	0	0	0	0	1	0	0	1
AT2G14750	0	0	0	0	0	1	0	0	0	1
AT2G14860	0	0	0	0	0	-1	0	0	0	-1
AT2G14880	0	0	0	0	0	0	-1	0	0	-1
AT2G14890	1	1	0	0	0	0	0	0	0	1
AT2G14900	1	1	0	1	0	0	0	0	1	1
AT2G14960	0	0	0	0	0	0	0	0	1	1
AT2G14990	0	0	0	0	0	1	0	0	0	1
AT2G15010	0	0	0	0	0	-1	0	0	0	-1
AT2G15090	0	0	0	0	0	0	-1	0	0	-1
AT2G15220	0	0	0	0	0	1	0	1	1	1
AT2G15290	0	0	0	0	0	0	-1	0	0	-1
AT2G15310	0	0	0	1	0	0	0	0	0	1
AT2G15340	0	0	0	0	0	1	0	0	0	1
AT2G15390	0	0	0	1	0	0	0	0	0	1
AT2G15480	0	-1	0	0	0	0	0	0	0	-1
AT2G15490	-1	-1	0	0	0	0	0	0	0	-1
AT2G15510	0	0	0	1	0	0	0	0	0	1
AT2G15580	0	0	0	0	0	0	-1	0	0	-1
AT2G15590	0	0	0	0	0	1	0	0	0	1
AT2G15620	-1	-1	0	0	0	0	0	0	0	-1
AT2G15830	0	0	0	0	0	1	0	0	0	1
AT2G15890	0	0	0	-1	0	0	0	0	0	-1
AT2G16005	0	0	0	0	0	-1	0	-1	0	-1
AT2G16040	0	0	0	1	0	0	0	0	0	1
AT2G16060	0	0	0	-1	0	0	0	0	0	-1
AT2G16270	0	0	0	0	0	1	0	0	0	1
AT2G16280	1	1	0	0	0	0	0	0	0	1
AT2G16430	0	0	0	0	0	0	-1	0	0	-1
AT2G16530	0	0	0	1	0	0	0	0	0	1
AT2G16630	0	0	0	1	0	1	0	0	0	1
AT2G16660	0	0	0	0	0	-1	0	0	0	-1
AT2G16700	0	0	-1	0	0	0	-1	0	0	-1
AT2G16800	0	0	0	0	0	0	-1	0	0	-1
AT2G16890	0	0	0	0	0	1	0	0	0	1
AT2G16950	0	0	0	0	0	0	1	0	0	1
AT2G16960	0	0	0	1	0	0	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G16970	0	0	0	0	0	-1	0	0	0	-1
AT2G17020	0	0	0	0	0	0	-1	0	0	-1
AT2G17040	0	0	0	1	1	0	0	1	0	1
AT2G17070	0	-1	0	0	0	-1	0	0	0	-1
AT2G17080	0	0	0	0	0	-1	0	0	0	-1
AT2G17120	0	0	0	1	0	0	0	0	0	1
AT2G17240	0	0	0	0	0	0	-1	0	0	-1
AT2G17250	0	0	0	-1	0	0	0	0	0	-1
AT2G17300	0	1	1	0	0	1	1	0	0	1
AT2G17330	0	0	0	0	0	-1	0	0	0	-1
AT2G17450	0	0	0	0	0	0	-1	0	0	-1
AT2G17480	0	0	0	0	0	0	1	0	0	1
AT2G17500	0	0	0	1	0	1	1	0	0	1
AT2G17560	0	0	0	0	0	0	1	0	0	1
AT2G17600	0	0	0	0	0	1	0	0	0	1
AT2G17680	0	0	0	0	0	0	0	0	1	1
AT2G17710	0	0	0	0	0	1	0	0	0	1
AT2G17720	0	0	0	0	0	0	1	0	0	1
AT2G17740	0	0	0	0	0	0	0	1	1	1
AT2G17790	0	0	0	0	0	0	1	0	0	1
AT2G17830	0	0	0	0	0	0	-1	0	0	-1
AT2G17840	0	0	0	1	0	1	1	0	0	1
AT2G17845	0	0	0	-1	0	0	0	0	0	-1
AT2G17972	0	0	0	0	0	0	-1	0	0	-1
AT2G18010	1	1	0	1	0	1	1	0	1	1
AT2G18090	0	0	-1	0	0	0	0	0	0	-1
AT2G18140	0	0	0	0	0	0	1	0	0	1
AT2G18150	0	0	0	0	0	1	1	1	1	1
AT2G18160	0	0	0	0	0	0	1	0	0	1
AT2G18210	0	0	0	0	0	0	1	0	0	1
AT2G18390	0	0	0	0	0	0	-1	0	0	-1
AT2G18560	0	0	0	0	0	0	-1	0	0	-1
AT2G18570	0	0	0	0	0	0	-1	0	0	-1
AT2G18670	0	0	0	0	0	0	0	1	1	1
AT2G18690	0	0	0	1	0	1	0	0	1	1
AT2G18700	0	0	0	1	0	0	0	0	0	1
AT2G18710	0	0	0	0	0	0	-1	0	0	-1
AT2G18770	0	0	-1	0	0	0	0	0	0	-1
AT2G18790	0	-1	-1	0	0	0	0	0	0	-1
AT2G18900	0	0	-1	0	0	0	0	0	0	-1
AT2G18950	0	0	0	0	0	1	0	0	0	1
AT2G18969	0	0	0	0	0	1	0	0	0	1
AT2G19120	0	0	0	0	0	0	1	0	0	1
AT2G19130	0	0	0	1	0	0	0	0	0	1
AT2G19430	0	0	-1	0	0	0	0	0	0	-1
AT2G19480	0	0	0	0	0	0	1	0	0	1
AT2G19500	0	0	0	0	0	1	0	0	0	1
AT2G19580	0	0	1	0	0	0	0	0	0	1
AT2G19620	1	1	1	1	0	0	0	0	0	1
AT2G19660	0	0	0	0	0	0	1	0	0	1
AT2G19670	0	0	-1	0	0	0	0	0	0	-1
AT2G19760	0	0	0	0	0	0	1	0	0	1
AT2G19780	1	1	0	0	0	1	0	0	0	1
AT2G19800	1	1	1	1	1	0	0	0	0	1
AT2G19803	0	0	0	0	0	1	0	0	1	1
AT2G19830	0	0	0	0	0	0	1	0	0	1
AT2G19880	0	1	0	0	0	0	1	0	0	1
AT2G19940	0	0	0	0	0	0	-1	0	0	-1
AT2G20060	0	0	0	0	0	0	-1	0	0	-1
AT2G20120	0	0	0	0	0	0	-1	0	0	-1
AT2G20130	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G20142	0	0	0	0	0	1	0	0	0	1
AT2G20210	0	0	0	0	0	0	-1	0	0	-1
AT2G20260	0	0	0	0	0	0	-1	0	0	-1
AT2G20450	0	0	0	0	0	0	-1	0	0	-1
AT2G20515	-1	0	0	0	0	0	0	0	0	-1
AT2G20520	0	0	0	0	0	-1	0	0	0	-1
AT2G20562	0	0	0	0	0	0	0	1	1	1
AT2G20570	-1	-1	-1	0	0	0	-1	0	0	-1
AT2G20585	0	0	0	0	0	0	-1	0	0	-1
AT2G20590	0	0	0	0	0	1	0	0	0	1
AT2G20610	0	0	0	0	0	0	1	0	0	1
AT2G20630	0	0	0	0	0	0	1	0	0	1
AT2G20650	0	0	-1	0	0	0	0	0	0	-1
AT2G20725	0	0	0	0	0	0	-1	0	0	-1
AT2G20750	0	0	0	0	0	1	1	0	0	1
AT2G20760	0	0	0	0	0	0	1	0	0	1
AT2G20830	0	0	-1	0	0	0	0	0	0	-1
AT2G20840	0	0	0	0	0	0	-1	0	0	-1
AT2G20860	0	0	0	0	0	0	-1	0	0	-1
AT2G20875	0	0	0	0	0	0	-1	0	0	-1
AT2G20880	0	0	0	0	0	1	0	0	0	1
AT2G20890	0	0	0	0	0	0	-1	0	0	-1
AT2G20930	0	0	0	0	0	0	-1	0	0	-1
AT2G20960	0	0	0	0	0	0	1	0	0	1
AT2G21080	0	0	0	0	0	0	-1	0	0	-1
AT2G21140	0	0	1	1	0	1	1	0	1	1
AT2G21170	0	0	0	0	0	0	-1	0	0	-1
AT2G21185	0	0	0	0	0	0	-1	0	0	-1
AT2G21190	0	0	1	0	0	0	0	0	0	1
AT2G21200	1	1	0	1	0	1	1	0	0	1
AT2G21220	1	1	0	1	0	0	0	0	0	1
AT2G21280	0	0	0	0	0	0	-1	0	0	-1
AT2G21330	0	0	0	0	0	0	-1	0	0	-1
AT2G21385	0	0	0	0	0	0	-1	0	0	-1
AT2G21490	0	0	0	0	0	-1	0	0	0	-1
AT2G21510	0	0	0	0	0	-1	0	0	0	-1
AT2G21540	1	0	0	1	0	0	1	0	0	1
AT2G21550	0	0	0	0	0	0	1	0	0	1
AT2G21580	0	0	0	0	0	0	-1	0	0	-1
AT2G21590	0	0	0	0	-1	0	0	0	0	-1
AT2G21620	0	0	0	0	0	0	1	0	0	1
AT2G21630	0	0	0	0	0	0	-1	0	0	-1
AT2G21780	0	0	0	0	0	1	0	0	0	1
AT2G21790	0	0	0	0	0	0	1	0	0	1
AT2G21850	0	0	0	0	0	0	1	0	0	1
AT2G21860	0	0	0	0	0	0	-1	0	0	-1
AT2G21880	0	1	0	0	0	1	1	0	0	1
AT2G21900	0	0	0	0	0	1	0	1	1	1
AT2G21940	0	0	-1	0	0	0	0	0	0	-1
AT2G21960	0	0	0	0	0	0	-1	0	0	-1
AT2G22170	0	0	0	0	0	0	1	0	0	1
AT2G22200	0	0	0	0	0	1	0	0	0	1
AT2G22330	0	0	0	0	0	0	0	0	1	1
AT2G22420	0	0	0	0	0	0	-1	0	0	-1
AT2G22450	0	0	0	0	0	0	-1	0	0	-1
AT2G22470	0	0	0	0	0	1	1	0	0	1
AT2G22500	0	0	0	0	0	1	1	0	0	1
AT2G22510	0	0	0	0	0	1	0	0	0	1
AT2G22540	0	0	0	0	0	1	0	0	0	1
AT2G22560	0	0	0	0	0	0	1	0	0	1
AT2G22620	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G22650	0	0	0	0	0	0	-1	0	0	-1
AT2G22750	0	0	0	0	0	-1	0	0	0	-1
AT2G22810	0	1	0	0	0	0	0	0	1	1
AT2G22830	0	1	0	0	0	0	0	0	0	1
AT2G22930	0	0	0	0	0	1	1	0	1	1
AT2G22970	0	0	0	0	0	0	1	0	0	1
AT2G22990	0	0	0	-1	0	0	0	0	0	-1
AT2G23050	0	-1	0	0	0	-1	0	0	0	-1
AT2G23170	0	0	0	1	0	0	0	0	1	1
AT2G23180	0	0	0	-1	0	0	-1	-1	0	-1
AT2G23260	0	0	0	0	0	0	0	0	1	1
AT2G23270	0	0	0	0	0	0	0	1	0	1
AT2G23290	0	0	0	1	0	0	0	0	0	1
AT2G23330	0	0	0	0	0	0	-1	0	0	-1
AT2G23360	0	0	-1	0	0	0	0	0	0	-1
AT2G23400	0	0	0	0	0	-1	0	0	0	-1
AT2G23410	0	0	0	0	0	-1	0	0	0	-1
AT2G23500	0	0	0	1	0	0	0	0	0	1
AT2G23540	0	0	0	0	0	1	0	0	1	1
AT2G23560	0	0	0	1	0	0	0	0	0	1
AT2G23630	0	0	0	0	0	-1	0	0	0	-1
AT2G23640	0	0	0	0	0	-1	0	0	0	-1
AT2G23670	0	0	0	0	0	0	-1	-1	0	-1
AT2G23810	0	0	0	0	0	0	1	0	0	1
AT2G23830	0	0	0	0	0	0	0	0	1	1
AT2G24090	0	0	0	0	0	0	-1	0	0	-1
AT2G24300	1	1	0	0	0	0	1	0	0	1
AT2G24330	0	0	0	0	0	0	1	0	0	1
AT2G24550	0	0	0	0	0	0	1	0	0	1
AT2G24570	0	0	-1	0	0	0	0	0	0	-1
AT2G24580	0	0	-1	0	0	0	0	0	0	-1
AT2G24610	0	0	0	0	0	-1	0	0	0	-1
AT2G24720	0	0	0	0	0	0	0	1	1	1
AT2G24790	0	0	0	0	0	0	-1	0	0	-1
AT2G24800	0	0	0	0	0	1	0	0	0	1
AT2G24820	0	0	0	0	0	0	-1	0	0	-1
AT2G24830	0	0	0	0	0	0	-1	0	0	-1
AT2G24850	0	0	0	1	0	0	0	0	0	1
AT2G24860	0	0	0	1	0	0	0	0	0	1
AT2G24980	0	0	0	0	0	-1	0	0	0	-1
AT2G25000	0	0	0	1	0	1	0	0	1	1
AT2G25090	0	0	0	0	0	1	0	0	0	1
AT2G25150	0	0	0	0	0	-1	0	-1	-1	-1
AT2G25190	0	0	0	1	0	0	0	0	0	1
AT2G25200	1	0	0	0	0	1	0	0	0	1
AT2G25210	0	0	0	0	0	0	-1	0	0	-1
AT2G25220	0	0	0	0	0	0	1	0	0	1
AT2G25300	0	0	0	1	0	0	0	0	0	1
AT2G25310	0	0	-1	0	0	0	0	0	0	-1
AT2G25355	0	0	-1	0	0	0	0	0	0	-1
AT2G25420	0	0	0	0	0	0	-1	0	0	-1
AT2G25440	0	0	0	0	0	0	0	0	1	1
AT2G25510	0	0	0	0	0	0	0	1	1	1
AT2G25625	0	0	0	0	0	1	0	0	0	1
AT2G25735	0	0	0	0	0	1	0	0	0	1
AT2G25760	0	0	0	0	0	0	1	0	0	1
AT2G25840	0	0	0	0	0	0	-1	0	0	-1
AT2G25900	0	0	0	0	0	0	-1	0	0	-1
AT2G25910	0	0	0	0	0	0	-1	0	0	-1
AT2G25970	0	0	-1	0	0	0	-0	0	0	-1
AT2G25980	-1	-1	0	-1	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G26070	0	0	0	0	0	0	-1	0	0	-1
AT2G26250	0	0	0	0	0	0	1	0	0	1
AT2G26340	0	0	0	0	0	0	-1	0	0	-1
AT2G26390	0	0	0	0	0	1	1	0	0	1
AT2G26400	0	0	0	0	0	0	0	0	1	1
AT2G26480	0	0	0	0	0	1	0	0	0	1
AT2G26500	0	0	0	0	0	0	-1	0	0	-1
AT2G26530	0	0	0	0	0	1	0	1	0	1
AT2G26540	0	0	0	0	0	0	-1	0	0	-1
AT2G26560	0	0	0	0	0	0	0	1	1	1
AT2G26580	0	0	1	0	0	0	0	0	0	1
AT2G26670	0	0	0	0	0	0	1	0	0	1
AT2G26695	0	0	0	0	0	1	0	0	0	1
AT2G26710	1	1	1	1	1	0	1	0	0	1
AT2G26740	-1	-1	0	-1	0	0	-1	0	0	-1
AT2G26750	0	0	0	0	0	0	-1	0	0	-1
AT2G26760	0	0	0	0	0	1	1	0	0	1
AT2G26870	0	-1	-1	0	0	0	0	0	0	-1
AT2G26930	0	0	0	0	0	0	-1	0	0	-1
AT2G27020	0	0	0	0	0	0	1	0	0	1
AT2G27040	0	0	-1	0	0	0	0	0	0	-1
AT2G27080	0	0	0	0	0	1	0	0	0	1
AT2G27140	0	0	0	0	0	0	0	0	1	1
AT2G27190	0	0	0	0	0	0	1	0	0	1
AT2G27290	0	0	0	0	0	0	-1	0	0	-1
AT2G27360	0	0	0	0	0	0	1	0	0	1
AT2G27370	0	0	0	0	0	1	1	0	0	1
AT2G27380	0	0	0	0	0	-1	0	0	0	-1
AT2G27389	0	0	0	0	0	0	0	1	0	1
AT2G27550	0	0	0	0	0	-1	-1	0	0	-1
AT2G27680	0	0	0	0	0	0	-1	0	0	-1
AT2G27690	1	1	0	1	1	0	0	0	0	1
AT2G27720	0	0	0	0	0	0	-1	0	0	-1
AT2G27740	0	0	0	0	0	1	0	0	0	1
AT2G27920	0	0	0	1	0	0	1	0	1	1
AT2G27930	0	0	0	0	0	1	0	0	0	1
AT2G27970	0	0	0	0	0	1	0	0	0	1
AT2G28000	0	0	0	0	0	0	-1	0	0	-1
AT2G28070	0	0	0	0	0	0	-1	0	0	-1
AT2G28085	0	0	0	0	0	0	0	0	1	1
AT2G28100	0	0	0	0	0	0	1	0	0	1
AT2G28110	0	0	1	0	0	1	0	0	0	1
AT2G28120	0	0	0	0	0	0	-1	0	0	-1
AT2G28140	0	0	0	0	0	-1	0	0	0	-1
AT2G28210	0	0	0	0	0	0	0	1	0	1
AT2G28315	0	0	0	0	0	1	0	0	0	1
AT2G28400	0	0	0	1	0	0	0	0	0	1
AT2G28490	0	0	0	0	0	-1	0	0	0	-1
AT2G28560	0	0	0	0	0	1	0	0	0	1
AT2G28570	0	0	0	1	0	1	0	0	0	1
AT2G28605	0	0	0	0	0	0	-1	0	0	-1
AT2G28620	0	0	0	0	0	1	0	0	0	1
AT2G28630	0	0	0	1	0	1	1	0	0	1
AT2G28670	0	0	0	0	0	0	1	0	0	1
AT2G28760	0	0	0	0	0	1	0	0	0	1
AT2G28780	0	0	0	0	1	1	0	0	0	1
AT2G28850	0	0	0	0	0	-1	0	0	0	-1
AT2G28860	0	0	0	0	0	-1	0	0	0	-1
AT2G28890	0	0	0	0	0	0	1	0	0	1
AT2G28900	0	0	0	0	0	0	-1	0	0	-1
AT2G28930	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G28960	0	0	0	1	0	0	0	0	0	1
AT2G29090	0	0	0	0	-1	0	0	0	0	-1
AT2G29100	0	0	0	0	0	1	0	1	0	1
AT2G29110	0	0	0	0	0	1	0	0	0	1
AT2G29120	0	0	0	1	0	0	0	0	0	1
AT2G29130	0	0	0	0	0	1	0	0	0	1
AT2G29180	0	0	0	0	0	0	-1	0	0	-1
AT2G29220	0	0	0	0	0	0	0	1	1	1
AT2G29230	0	0	0	0	0	1	0	0	0	1
AT2G29250	0	0	0	0	0	0	0	1	1	1
AT2G29290	0	0	0	0	0	0	-1	0	0	-1
AT2G29310	0	0	0	0	0	-1	-1	0	0	-1
AT2G29330	0	0	0	1	0	0	0	0	0	1
AT2G29340	0	0	0	0	0	0	-1	0	0	-1
AT2G29360	0	0	0	0	0	-1	0	0	0	-1
AT2G29390	-1	-1	-1	-1	0	0	-1	0	0	-1
AT2G29440	0	0	0	0	0	0	1	0	0	1
AT2G29450	0	0	0	0	0	0	1	0	0	1
AT2G29460	0	0	0	0	0	0	0	0	1	1
AT2G29490	0	-1	0	0	0	0	0	0	0	-1
AT2G29550	0	0	0	0	0	0	1	0	0	1
AT2G29620	0	0	0	0	0	-1	0	-1	-1	-1
AT2G29650	0	0	0	0	0	0	-1	0	0	-1
AT2G29670	0	0	0	0	0	0	-1	0	0	-1
AT2G29740	0	0	0	0	0	1	0	0	0	1
AT2G29860	0	0	0	1	0	0	0	0	0	1
AT2G29920	0	0	1	0	0	0	0	0	0	1
AT2G29960	0	0	0	0	0	0	1	0	0	1
AT2G29980	-1	-1	0	0	0	0	-1	0	0	-1
AT2G30010	0	1	1	1	0	0	1	0	0	1
AT2G30040	0	0	0	1	0	0	1	0	0	1
AT2G30060	0	0	0	0	0	0	1	0	0	1
AT2G30070	-1	-1	-1	-1	-1	-1	-1	0	0	-1
AT2G30130	0	0	0	0	0	-1	0	0	0	-1
AT2G30160	0	0	0	0	0	0	-1	0	0	-1
AT2G30170	0	0	0	0	0	0	-1	0	0	-1
AT2G30210	0	0	0	0	0	1	1	0	0	1
AT2G30250	0	0	0	1	0	0	0	0	0	1
AT2G30310	0	0	0	1	0	0	0	0	0	1
AT2G30360	0	0	0	0	0	0	1	0	0	1
AT2G30390	-1	-1	-1	0	0	0	0	-1	0	-1
AT2G30395	0	0	0	0	0	1	0	0	0	1
AT2G30490	0	0	0	0	0	0	1	0	0	1
AT2G30540	0	0	0	0	0	-1	0	0	0	-1
AT2G30550	0	0	0	1	0	0	0	0	0	1
AT2G30570	0	0	0	0	0	0	-1	0	0	-1
AT2G30590	0	0	-1	0	0	0	0	0	0	-1
AT2G30670	0	0	0	1	0	0	0	0	0	1
AT2G30750	0	0	0	0	0	0	0	1	1	1
AT2G30770	0	0	0	0	0	0	0	0	1	1
AT2G30810	0	0	0	1	0	0	0	0	0	1
AT2G30870	0	0	0	0	0	0	1	0	0	1
AT2G30930	1	1	0	0	0	1	1	0	0	1
AT2G31070	0	0	0	0	0	0	-1	0	0	-1
AT2G31110	0	0	0	0	0	1	1	0	0	1
AT2G31230	0	0	0	0	0	-1	0	0	0	-1
AT2G31380	0	0	0	0	0	0	0	-1	0	-1
AT2G31390	0	0	0	0	0	0	1	0	0	1
AT2G31540	0	0	0	0	0	-1	0	0	0	-1
AT2G31570	0	0	0	1	0	0	1	0	0	1
AT2G31670	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G31730	1	1	1	1	1	1	0	0	0	1
AT2G31750	0	0	0	0	0	0	-1	0	0	-1
AT2G31840	0	0	0	0	0	0	-1	0	0	-1
AT2G31865	0	0	0	0	0	0	0	1	0	1
AT2G31880	0	0	0	1	0	0	0	0	0	1
AT2G31940	0	0	0	0	0	1	0	0	0	1
AT2G31945	0	0	0	0	0	1	0	0	0	1
AT2G32010	-1	0	0	0	0	0	0	0	0	-1
AT2G32020	0	0	0	0	0	0	0	0	1	1
AT2G32090	0	0	0	0	0	0	-1	0	0	-1
AT2G32100	1	1	0	0	0	0	0	0	0	1
AT2G32140	0	0	0	0	0	1	0	0	0	1
AT2G32150	0	0	0	1	0	0	1	0	0	1
AT2G32190	0	0	0	0	0	1	0	0	0	1
AT2G32210	0	0	0	1	0	0	0	0	0	1
AT2G32300	0	0	0	0	0	1	1	0	0	1
AT2G32430	0	0	0	0	0	0	1	0	0	1
AT2G32440	0	0	0	0	0	0	-1	0	0	-1
AT2G32450	0	0	0	1	0	0	0	0	0	1
AT2G32520	0	0	0	0	0	0	-1	0	0	-1
AT2G32530	0	0	0	0	0	0	-1	0	0	-1
AT2G32560	1	0	0	1	0	0	1	0	0	1
AT2G32580	0	0	0	0	0	0	1	0	0	1
AT2G32590	0	0	0	0	0	1	0	0	0	1
AT2G32650	0	0	0	0	0	0	-1	0	0	-1
AT2G32680	0	0	0	1	0	0	0	0	0	1
AT2G32800	0	0	0	1	0	1	1	0	0	1
AT2G32810	0	0	0	0	0	0	1	0	0	1
AT2G32860	0	0	0	0	0	-1	0	0	0	-1
AT2G32960	0	0	0	0	0	1	0	0	0	1
AT2G32990	0	0	0	0	0	-1	0	0	-1	-1
AT2G33050	0	0	-1	0	0	0	0	0	0	-1
AT2G33130	0	0	0	0	0	0	0	0	1	1
AT2G33160	0	0	0	0	0	-1	0	0	0	-1
AT2G33180	0	0	0	0	0	0	-1	0	0	-1
AT2G33210	0	0	0	0	0	0	1	0	0	1
AT2G33370	0	0	0	0	0	0	-1	0	0	-1
AT2G33380	0	0	0	0	0	1	1	0	0	1
AT2G33430	0	0	0	0	0	0	-1	0	0	-1
AT2G33460	0	0	1	0	0	0	0	0	0	1
AT2G33540	0	0	0	0	0	0	1	0	0	1
AT2G33560	0	0	0	0	0	1	0	0	0	1
AT2G33570	1	1	1	0	0	0	1	0	0	1
AT2G33580	0	0	0	1	0	0	0	0	0	1
AT2G33590	0	0	0	0	0	0	1	0	0	1
AT2G33710	-1	-1	0	0	0	0	0	0	0	-1
AT2G33735	0	0	0	0	0	0	-1	0	0	-1
AT2G33790	0	-1	0	0	0	-1	0	-1	-1	-1
AT2G33800	0	0	0	0	0	0	-1	0	0	-1
AT2G33820	0	0	0	0	0	0	-1	0	0	-1
AT2G33830	0	0	0	1	0	0	0	0	0	1
AT2G33860	0	0	0	0	0	0	-1	0	0	-1
AT2G33990	0	0	0	0	0	0	1	0	0	1
AT2G34020	0	-1	0	0	0	0	0	0	0	-1
AT2G34080	0	0	0	1	0	0	0	0	0	1
AT2G34180	0	1	0	0	0	1	0	0	0	1
AT2G34300	1	1	1	0	0	0	0	0	0	1
AT2G34410	0	0	0	0	0	0	-1	0	0	-1
AT2G34420	0	0	0	0	0	0	-1	0	0	-1
AT2G34500	0	0	1	0	0	1	1	0	0	1
AT2G34590	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G34600	0	0	0	0	0	1	0	0	0	1
AT2G34620	0	0	-1	0	0	0	0	0	0	-1
AT2G34640	0	0	0	-1	0	0	0	0	0	-1
AT2G34655	0	0	0	0	0	1	0	1	1	1
AT2G34700	0	0	0	0	0	0	1	0	0	1
AT2G34910	0	0	0	0	0	-1	0	0	0	-1
AT2G34920	0	0	0	0	0	0	1	0	0	1
AT2G34930	1	1	0	1	1	0	1	0	1	1
AT2G35070	0	0	0	0	0	0	0	-1	-1	-1
AT2G35260	0	0	0	0	0	0	-1	0	0	-1
AT2G35290	0	1	0	0	0	0	0	0	0	1
AT2G35300	0	0	0	0	0	0	0	-1	0	-1
AT2G35320	0	0	-1	0	0	0	0	0	0	-1
AT2G35380	0	0	0	0	0	0	0	1	1	1
AT2G35410	0	0	0	0	0	0	-1	0	0	-1
AT2G35450	0	0	0	0	0	0	-1	0	0	-1
AT2G35490	0	0	0	0	0	0	-1	0	0	-1
AT2G35500	0	0	0	0	0	0	-1	0	0	-1
AT2G35585	0	0	0	0	0	0	1	0	0	1
AT2G35600	0	0	0	0	0	1	0	0	0	1
AT2G35710	0	1	0	0	0	1	1	0	1	1
AT2G35730	0	0	0	0	0	0	0	0	1	1
AT2G35750	0	0	0	0	0	0	-1	0	0	-1
AT2G35760	0	1	0	0	0	0	0	0	0	1
AT2G35860	1	1	0	0	0	0	1	0	0	1
AT2G35880	1	1	0	0	0	0	1	0	0	1
AT2G35930	0	0	0	0	0	0	0	1	1	1
AT2G35940	0	-1	-1	0	0	0	0	0	0	-1
AT2G35980	0	0	0	0	0	-1	0	0	0	-1
AT2G36000	0	0	0	0	0	0	-1	0	0	-1
AT2G36050	0	-1	0	0	0	0	0	0	0	-1
AT2G36100	0	0	0	0	0	1	1	0	0	1
AT2G36130	0	0	0	0	0	0	-1	0	0	-1
AT2G36170	0	0	0	0	0	0	-1	0	0	-1
AT2G36200	0	0	0	0	0	1	0	0	0	1
AT2G36220	1	1	1	1	0	1	1	0	0	1
AT2G36310	0	0	0	0	0	1	1	0	0	1
AT2G36325	0	0	0	0	0	0	0	1	0	1
AT2G36350	0	0	0	0	0	0	-1	0	0	-1
AT2G36355	0	0	0	0	0	1	0	0	0	1
AT2G36380	0	0	0	0	0	0	1	0	0	1
AT2G36390	0	0	0	0	0	0	-1	0	0	-1
AT2G36400	0	0	0	0	0	0	-1	0	0	-1
AT2G36410	0	0	0	0	0	1	1	0	0	1
AT2G36500	0	0	0	0	0	1	0	0	0	1
AT2G36590	0	0	0	0	0	1	0	0	0	1
AT2G36640	0	0	0	0	0	-1	0	-1	0	-1
AT2G36695	0	0	0	0	0	1	0	0	0	1
AT2G36730	0	0	0	0	0	0	-1	0	0	-1
AT2G36820	0	0	0	1	0	0	0	0	0	1
AT2G36830	0	0	0	0	0	0	1	0	0	1
AT2G36870	0	0	0	0	0	0	0	-1	0	-1
AT2G36880	0	0	0	0	0	0	1	0	0	1
AT2G36900	0	0	0	0	0	0	-1	0	0	-1
AT2G36910	-1	-1	0	0	0	0	0	0	0	-1
AT2G36930	0	0	0	0	0	0	-1	0	0	-1
AT2G36950	0	0	0	-1	0	0	0	0	0	-1
AT2G36970	-1	-1	0	0	0	-1	0	0	0	-1
AT2G37030	-1	-1	0	0	0	-1	-1	-1	-1	-1
AT2G37040	0	0	0	0	0	0	1	0	0	1
AT2G37120	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G37130	0	0	0	1	0	1	1	0	0	1
AT2G37170	0	0	0	0	0	0	1	0	0	1
AT2G37180	0	0	0	0	0	0	1	0	0	1
AT2G37220	0	0	0	0	0	0	-1	0	0	-1
AT2G37270	0	0	0	0	0	0	-1	0	0	-1
AT2G37340	0	0	0	0	0	0	-1	0	0	-1
AT2G37380	1	1	0	0	0	0	0	0	0	1
AT2G37430	0	0	0	1	0	0	0	1	0	1
AT2G37500	0	0	-1	0	0	0	0	0	0	-1
AT2G37600	0	0	0	0	0	0	-1	0	0	-1
AT2G37640	0	0	0	1	0	0	0	0	0	1
AT2G37660	0	0	0	0	0	0	-1	0	0	-1
AT2G37710	0	0	0	1	0	0	1	0	0	1
AT2G37750	0	0	0	0	0	0	1	0	0	1
AT2G37760	0	0	0	0	0	0	-1	0	0	-1
AT2G37790	0	0	0	0	0	-1	-1	0	0	-1
AT2G37820	0	0	0	0	0	-1	0	0	0	-1
AT2G37830	0	0	0	0	0	1	0	0	0	1
AT2G37870	0	0	0	0	0	0	0	-1	-1	-1
AT2G37920	0	0	0	0	0	0	-1	0	0	-1
AT2G37940	1	1	0	1	0	0	1	0	0	1
AT2G37950	0	0	1	0	0	0	0	0	0	1
AT2G37980	0	0	0	0	0	1	0	0	0	1
AT2G38000	0	0	-1	0	0	0	0	0	0	-1
AT2G38080	0	0	0	0	0	0	1	0	0	1
AT2G38140	0	0	0	0	0	0	-1	0	0	-1
AT2G38230	0	0	0	-1	0	0	0	0	0	-1
AT2G38300	0	0	0	0	0	-1	0	0	0	-1
AT2G38330	0	0	0	0	0	0	-1	0	0	-1
AT2G38380	0	0	0	0	0	-1	0	0	0	-1
AT2G38390	0	0	0	0	0	-1	0	0	0	-1
AT2G38480	1	1	0	0	0	1	0	0	0	1
AT2G38490	0	0	0	0	0	1	0	0	0	1
AT2G38540	0	0	0	0	0	0	-1	0	0	-1
AT2G38610	1	1	1	1	0	0	1	0	0	1
AT2G38620	0	0	0	0	0	1	0	0	0	1
AT2G38660	0	0	-1	0	0	0	0	0	0	-1
AT2G38740	0	0	0	1	0	0	0	0	0	1
AT2G38750	0	0	0	0	0	0	1	0	0	1
AT2G38760	0	0	0	0	0	0	1	0	0	1
AT2G38790	0	0	0	0	0	1	1	0	0	1
AT2G38820	0	-1	0	0	0	0	0	0	0	-1
AT2G38823	0	0	0	0	0	0	0	1	0	1
AT2G38860	0	0	0	0	0	0	0	1	1	1
AT2G38870	0	0	0	0	0	0	0	0	1	1
AT2G38940	-1	0	0	0	0	0	0	0	0	-1
AT2G39010	0	0	0	1	0	0	1	0	0	1
AT2G39040	0	0	0	0	0	-1	0	0	0	-1
AT2G39050	0	0	0	0	0	0	1	0	0	1
AT2G39080	0	0	0	0	0	0	-1	0	0	-1
AT2G39130	0	0	0	0	0	0	1	0	0	1
AT2G39140	0	0	0	0	0	0	-1	0	0	-1
AT2G39180	0	0	0	0	0	0	1	0	0	1
AT2G39200	0	0	0	0	0	1	0	0	0	1
AT2G39240	0	0	0	0	0	-1	0	0	0	-1
AT2G39250	0	0	0	0	0	0	0	-1	0	-1
AT2G39310	0	0	0	0	0	-1	0	-1	-1	-1
AT2G39330	0	0	0	0	0	-1	0	0	0	-1
AT2G39340	0	0	-1	0	0	0	0	0	0	-1
AT2G39360	0	0	0	0	0	0	1	0	0	1
AT2G39430	0	0	0	0	0	1	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G39440	0	0	0	0	0	0	1	0	0	1
AT2G39450	-1	-1	0	0	0	0	0	0	0	-1
AT2G39470	0	0	0	0	0	0	-1	0	0	-1
AT2G39480	0	0	0	0	0	0	1	0	0	1
AT2G39510	0	0	0	-1	0	0	0	0	0	-1
AT2G39660	0	0	-1	0	0	0	0	0	0	-1
AT2G39700	0	0	0	0	0	0	1	0	0	1
AT2G39730	0	0	0	0	0	0	-1	0	0	-1
AT2G39850	0	0	0	0	0	-1	0	0	0	-1
AT2G39870	0	0	0	0	0	0	1	0	0	1
AT2G39910	0	0	0	0	0	0	-1	0	0	-1
AT2G39930	0	0	0	0	0	0	-1	0	0	-1
AT2G40000	0	1	0	0	0	0	0	0	0	1
AT2G40010	0	0	-1	0	0	0	-1	0	0	-1
AT2G40080	0	0	0	0	0	0	0	-1	0	-1
AT2G40085	0	0	0	0	0	-1	0	0	0	-1
AT2G40090	0	0	1	0	0	0	1	0	0	1
AT2G40113	0	0	0	0	0	1	0	0	0	1
AT2G40150	0	0	0	0	0	0	-1	0	0	-1
AT2G40170	0	0	0	0	0	-1	0	0	0	-1
AT2G40180	0	0	0	0	0	0	0	1	0	1
AT2G40205	0	0	0	0	0	0	-1	0	0	-1
AT2G40270	0	0	1	1	0	0	0	0	0	1
AT2G40290	0	0	0	1	0	0	0	0	0	1
AT2G40300	0	0	0	1	0	0	0	0	0	1
AT2G40316	0	0	0	0	0	0	-1	0	0	-1
AT2G40330	0	0	0	0	0	0	0	1	1	1
AT2G40370	0	0	0	0	0	1	0	0	1	1
AT2G40460	0	0	0	0	0	1	0	0	0	1
AT2G40470	0	0	0	0	0	1	0	0	0	1
AT2G40490	0	0	0	0	0	0	-1	0	0	-1
AT2G40540	0	0	-1	-1	0	0	0	0	0	-1
AT2G40610	0	1	0	1	1	1	1	0	0	1
AT2G40670	0	0	0	0	0	-1	0	-1	-1	-1
AT2G40710	0	0	0	0	0	0	-1	0	0	-1
AT2G40711	0	0	0	0	0	1	0	0	0	1
AT2G40730	0	0	0	0	0	0	1	0	0	1
AT2G40740	0	0	0	0	0	0	0	1	1	1
AT2G40760	0	0	0	0	0	0	-1	0	0	-1
AT2G40950	0	0	0	0	0	0	-1	0	0	-1
AT2G40970	0	0	0	0	0	0	-1	0	0	-1
AT2G41010	0	0	0	0	0	0	-1	0	0	-1
AT2G41070	0	0	0	0	0	0	-1	0	0	-1
AT2G41090	1	1	0	1	0	0	0	1	1	1
AT2G41100	0	0	0	0	0	1	1	1	1	1
AT2G41110	0	0	0	0	0	0	1	0	0	1
AT2G41170	0	0	0	1	0	1	0	0	0	1
AT2G41180	0	0	0	0	0	1	0	0	0	1
AT2G41190	0	0	0	0	0	1	0	0	0	1
AT2G41250	-1	-1	0	0	0	0	0	0	0	-1
AT2G41260	0	0	0	0	0	-1	0	0	0	-1
AT2G41300	0	0	0	0	0	0	1	0	0	1
AT2G41380	-1	-1	-1	0	0	0	0	0	0	-1
AT2G41420	0	0	1	0	0	0	0	0	0	1
AT2G41480	0	0	0	0	0	1	1	0	1	1
AT2G41530	0	0	0	0	0	0	-1	0	0	-1
AT2G41540	1	0	0	1	0	0	1	0	0	1
AT2G41560	0	0	0	0	0	0	-1	0	0	-1
AT2G41640	1	1	0	0	0	1	1	0	0	1
AT2G41690	0	0	0	0	0	-1	0	0	0	-1
AT2G41730	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G41740	0	0	0	0	0	0	1	0	0	1
AT2G41760	0	0	0	0	0	0	-1	0	0	-1
AT2G41800	0	0	0	-1	0	-1	0	0	0	-1
AT2G41810	0	0	0	0	0	0	0	-1	-1	-1
AT2G41820	1	1	1	0	0	0	0	0	0	1
AT2G41840	0	0	0	0	0	0	-1	0	0	-1
AT2G41850	0	0	0	0	0	0	0	1	0	1
AT2G41880	1	0	0	0	0	0	0	0	0	1
AT2G41890	0	0	0	0	0	0	-1	0	0	-1
AT2G41950	0	0	0	0	0	0	-1	0	0	-1
AT2G41970	0	0	0	0	0	-1	0	0	-1	-1
AT2G41990	0	0	0	0	0	0	-1	-1	0	-1
AT2G42040	0	0	0	0	0	0	1	0	0	1
AT2G42060	0	0	0	0	0	1	0	1	0	1
AT2G42110	0	0	0	0	0	1	0	0	0	1
AT2G42130	0	0	0	0	0	0	-1	0	0	-1
AT2G42150	0	0	0	0	0	1	0	0	0	1
AT2G42160	0	0	1	0	0	0	0	0	0	1
AT2G42210	0	0	0	0	0	0	-1	0	0	-1
AT2G42220	0	0	0	0	0	0	-1	0	0	-1
AT2G42280	0	0	-1	0	0	0	0	0	0	-1
AT2G42380	0	1	0	0	0	1	0	0	0	1
AT2G42560	0	0	0	0	0	-1	0	0	0	-1
AT2G42580	0	1	1	0	0	0	0	0	0	1
AT2G42610	0	0	0	1	0	0	0	0	0	1
AT2G42620	0	0	0	0	0	0	-1	0	0	-1
AT2G42660	0	0	0	0	0	1	0	0	0	1
AT2G42670	0	0	0	0	0	0	-1	0	0	-1
AT2G42740	0	0	0	0	0	0	-1	0	0	-1
AT2G42750	0	0	0	-1	0	0	0	0	0	-1
AT2G42800	0	0	0	0	0	0	-1	0	0	-1
AT2G42870	0	0	0	0	0	0	-1	0	0	-1
AT2G42900	0	0	0	0	0	0	1	0	0	1
AT2G42950	-1	-1	0	0	0	0	0	0	0	-1
AT2G42990	0	0	0	0	0	0	1	0	0	1
AT2G43000	0	0	0	0	0	1	0	1	1	1
AT2G43030	0	0	0	0	0	0	-1	0	0	-1
AT2G43040	0	0	0	0	0	0	1	0	0	1
AT2G43050	0	0	0	0	0	1	1	0	0	1
AT2G43100	-1	-1	0	0	0	0	0	0	0	-1
AT2G43230	0	0	0	0	0	-1	0	0	0	-1
AT2G43280	0	-1	0	0	0	0	0	0	0	-1
AT2G43290	1	1	1	1	1	1	1	0	0	1
AT2G43320	0	0	0	0	0	0	1	0	0	1
AT2G43340	0	0	0	1	0	0	0	0	0	1
AT2G43390	0	0	0	0	0	0	0	0	1	1
AT2G43440	0	0	0	-1	0	0	0	0	0	-1
AT2G43510	0	0	0	1	0	0	0	0	0	1
AT2G43520	0	0	0	0	0	0	-1	0	0	-1
AT2G43560	0	0	0	0	0	0	-1	0	0	-1
AT2G43620	0	0	0	0	0	1	0	1	1	1
AT2G43630	0	0	0	0	0	0	-1	0	0	-1
AT2G43640	0	0	0	0	0	0	-1	0	0	-1
AT2G43670	0	0	0	0	0	-1	0	0	0	-1
AT2G43750	0	0	0	0	0	0	-1	0	0	-1
AT2G43910	0	0	0	-1	0	0	-1	0	0	-1
AT2G44050	0	0	0	0	0	0	-1	0	0	-1
AT2G44110	0	0	0	0	0	-1	0	0	0	-1
AT2G44120	0	0	0	0	0	0	-1	0	0	-1
AT2G44130	0	0	0	1	0	0	0	0	0	1
AT2G44190	0	0	0	0	0	1	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G44220	0	0	0	0	0	1	0	0	0	1
AT2G44230	1	1	0	0	0	1	0	0	0	1
AT2G44290	0	0	0	1	0	0	0	0	0	1
AT2G44350	0	0	0	0	0	0	1	0	0	1
AT2G44370	0	0	0	0	0	0	0	1	0	1
AT2G44380	0	0	0	0	0	1	0	0	0	1
AT2G44390	0	0	0	1	0	0	0	0	0	1
AT2G44450	0	0	0	0	0	0	1	0	0	1
AT2G44500	1	1	1	1	0	1	1	0	0	1
AT2G44578	0	0	0	0	0	0	0	1	0	1
AT2G44640	0	0	0	0	0	0	-1	0	0	-1
AT2G44650	0	0	0	0	0	0	-1	0	0	-1
AT2G44660	0	0	0	0	0	0	-1	0	0	-1
AT2G44740	1	1	0	0	0	0	1	0	0	1
AT2G44790	0	0	0	0	0	0	1	0	0	1
AT2G44840	0	0	0	1	0	0	0	0	0	1
AT2G44900	0	0	0	0	0	0	-1	0	0	-1
AT2G44910	0	0	0	0	0	-1	-1	0	0	-1
AT2G44920	0	0	0	0	0	0	-1	0	0	-1
AT2G45040	0	0	0	0	0	1	0	0	0	1
AT2G45050	-1	-1	0	-1	0	0	-1	0	0	-1
AT2G45160	0	0	0	0	0	0	-1	0	0	-1
AT2G45180	0	0	0	0	0	1	1	0	0	1
AT2G45210	-1	-1	0	-1	0	0	0	0	-1	-1
AT2G45240	0	0	0	0	0	0	-1	0	0	-1
AT2G45250	0	0	0	0	0	0	-1	0	0	-1
AT2G45400	0	1	1	0	0	0	1	0	0	1
AT2G45450	0	0	1	0	0	0	0	0	0	1
AT2G45550	0	0	0	1	0	0	0	0	0	1
AT2G45660	0	0	0	0	0	-1	0	0	0	-1
AT2G45680	0	0	-1	0	0	0	0	0	0	-1
AT2G45720	0	0	0	0	0	0	1	0	0	1
AT2G45750	0	0	0	0	0	-1	0	0	0	-1
AT2G45760	0	0	0	0	0	0	0	1	1	1
AT2G45890	0	0	0	0	0	0	1	0	0	1
AT2G46070	0	0	0	0	0	0	-1	0	0	-1
AT2G46090	0	0	0	0	0	0	-1	0	0	-1
AT2G46140	0	0	0	0	0	0	1	0	0	1
AT2G46225	-1	0	-1	0	0	0	0	0	0	-1
AT2G46270	0	0	0	0	0	0	1	0	0	1
AT2G46280	0	0	0	0	0	0	-1	0	0	-1
AT2G46290	0	0	0	0	0	0	-1	0	0	-1
AT2G46400	0	0	0	0	0	1	0	1	0	1
AT2G46430	0	0	0	0	0	0	0	1	0	1
AT2G46470	0	0	0	0	0	0	-1	0	0	-1
AT2G46535	0	0	0	0	0	1	0	0	0	1
AT2G46580	0	0	0	0	0	0	-1	0	0	-1
AT2G46600	-1	-1	0	0	0	0	-1	0	0	-1
AT2G46610	0	0	0	0	0	0	-1	0	0	-1
AT2G46640	0	0	0	0	0	0	0	0	1	1
AT2G46650	0	0	0	0	0	0	0	1	1	1
AT2G46660	-1	-1	0	-1	0	0	-1	0	0	-1
AT2G46680	0	0	0	0	0	0	1	0	0	1
AT2G46690	0	0	0	0	0	0	1	0	0	1
AT2G46710	0	0	0	0	0	0	1	0	0	1
AT2G46720	0	0	0	0	0	0	-1	0	0	-1
AT2G46740	-1	-1	0	0	0	0	0	0	0	-1
AT2G46750	0	0	0	0	0	0	0	1	1	1
AT2G46780	0	0	1	0	0	1	1	0	0	1
AT2G46820	0	0	0	0	0	0	-1	0	0	-1
AT2G46850	0	0	0	0	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT2G46900	0	0	0	0	0	0	-1	0	0	-1
AT2G46910	0	0	0	0	0	0	-1	0	0	-1
AT2G46930	-1	-1	-1	0	0	0	0	0	0	-1
AT2G46990	0	0	0	0	0	0	-1	0	0	-1
AT2G47000	0	0	0	0	0	0	1	0	0	1
AT2G47060	1	1	0	1	0	0	0	0	0	1
AT2G47130	0	0	0	1	0	0	0	0	0	1
AT2G47160	0	0	0	0	0	0	-1	0	0	-1
AT2G47240	0	0	1	0	0	0	0	0	1	1
AT2G47250	0	0	-1	0	0	0	0	0	0	-1
AT2G47440	1	1	0	1	0	0	1	0	0	1
AT2G47450	0	0	0	0	0	0	-1	0	0	-1
AT2G47470	0	0	0	0	0	0	1	0	0	1
AT2G47500	0	0	0	0	0	1	1	0	0	1
AT2G47520	0	0	0	-1	0	0	0	0	0	-1
AT2G47540	0	0	0	0	0	-1	0	0	0	-1
AT2G47590	0	0	0	-1	0	0	-1	0	0	-1
AT2G47770	0	0	0	0	0	0	0	-1	0	-1
AT2G47780	0	0	0	-1	0	0	0	0	0	-1
AT2G47840	0	0	0	0	0	0	-1	0	0	-1
AT2G47860	0	0	0	0	0	0	1	0	0	1
AT2G47910	0	0	0	0	0	0	-1	0	0	-1
AT2G47930	0	0	0	0	0	0	-1	0	0	-1
AT2G47990	0	0	0	0	0	0	-1	0	0	-1
AT2G48070	0	0	0	0	0	0	-1	0	0	-1
AT2G48130	0	0	0	0	0	1	0	0	0	1
AT2G48140	0	0	0	0	0	0	0	0	1	1
AT3G01080	0	0	0	0	0	0	0	1	0	1
AT3G01175	0	0	0	0	0	1	0	0	1	1
AT3G01220	0	0	0	0	0	0	1	0	0	1
AT3G01260	0	0	0	0	0	1	0	0	0	1
AT3G01290	0	0	0	0	0	1	0	0	0	1
AT3G01430	0	1	0	0	0	0	0	0	0	1
AT3G01440	0	0	0	0	0	0	0	-1	0	-1
AT3G01450	0	0	0	0	0	-1	-1	0	0	-1
AT3G01480	0	0	0	0	0	0	-1	0	0	-1
AT3G01500	0	0	0	0	0	0	-1	-1	0	-1
AT3G01510	0	0	-1	0	0	0	0	0	0	-1
AT3G01560	0	0	0	0	0	0	-1	0	0	-1
AT3G01570	0	0	0	0	0	-1	0	0	0	-1
AT3G01650	0	0	0	0	0	0	1	0	0	1
AT3G01660	0	0	0	0	0	1	0	0	0	1
AT3G01720	0	0	0	0	0	0	1	0	0	1
AT3G01750	0	0	0	0	0	0	-1	0	0	-1
AT3G01780	0	0	0	0	0	0	1	0	0	1
AT3G01930	0	0	0	1	0	0	0	0	0	1
AT3G01970	0	0	0	0	0	0	0	0	1	1
AT3G02000	0	0	0	0	0	0	-1	0	0	-1
AT3G02030	0	0	0	0	0	1	0	0	0	1
AT3G02040	0	0	0	0	0	0	1	0	0	1
AT3G02070	1	1	0	0	0	0	0	0	0	1
AT3G02080	0	0	0	0	0	0	-1	0	0	-1
AT3G02110	0	0	0	0	0	0	1	0	0	1
AT3G02140	0	0	0	0	0	1	0	0	0	1
AT3G02170	1	1	1	0	0	0	0	0	0	1
AT3G02180	0	0	0	0	0	0	-1	0	0	-1
AT3G02250	0	0	1	0	0	0	0	0	0	1
AT3G02350	0	1	0	0	0	0	0	0	0	1
AT3G02410	0	0	0	0	0	1	0	0	0	1
AT3G02460	0	0	0	0	0	0	1	0	0	1
AT3G02500	0	0	0	0	0	-1	0	0	-1	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G02515	0	0	0	0	0	1	0	0	0	1
AT3G02560	0	0	0	0	0	0	-1	0	0	-1
AT3G02620	0	0	0	0	0	-1	0	-1	0	-1
AT3G02640	0	0	0	0	0	1	0	0	0	1
AT3G02670	0	0	0	0	0	0	0	0	1	1
AT3G02690	0	0	0	0	0	0	-1	0	0	-1
AT3G02730	0	0	0	0	0	0	-1	-1	0	-1
AT3G02810	0	0	0	0	0	1	0	0	0	1
AT3G02840	0	0	0	0	0	0	0	1	0	1
AT3G02850	0	0	0	0	0	-1	0	0	0	-1
AT3G02880	0	0	0	0	0	0	1	0	0	1
AT3G02890	0	0	-1	0	0	0	0	0	0	-1
AT3G03000	0	0	0	0	0	1	1	0	0	1
AT3G03020	0	0	0	0	0	0	-1	0	0	-1
AT3G03040	0	0	0	0	0	0	-1	0	0	-1
AT3G03090	0	0	0	0	0	0	-1	0	0	-1
AT3G03150	0	0	0	0	0	0	-1	0	0	-1
AT3G03240	0	0	0	0	0	1	0	0	0	1
AT3G03270	0	0	0	0	0	-1	0	0	0	-1
AT3G03320	0	0	-1	0	0	0	0	0	0	-1
AT3G03520	0	0	0	0	0	0	1	0	0	1
AT3G03590	0	0	0	0	0	0	-1	0	0	-1
AT3G03620	0	0	0	0	0	-1	0	0	0	-1
AT3G03660	0	0	0	0	0	1	0	0	0	1
AT3G03670	0	0	0	0	0	1	0	1	1	1
AT3G03820	0	0	0	0	0	1	0	0	0	1
AT3G03830	1	1	1	0	0	1	1	0	0	1
AT3G03840	1	1	0	0	0	1	1	1	0	1
AT3G03850	0	0	0	0	0	1	0	0	1	1
AT3G03855	0	0	0	0	0	-1	0	0	0	-1
AT3G03920	0	0	0	0	0	0	-1	0	0	-1
AT3G04010	-1	-1	-1	0	0	-1	0	-1	0	-1
AT3G04060	0	0	0	0	0	1	1	0	0	1
AT3G04070	-1	-1	0	0	0	0	0	0	0	-1
AT3G04210	1	1	0	0	0	0	0	0	0	1
AT3G04220	0	0	0	0	0	1	0	0	0	1
AT3G04320	-1	-1	0	0	0	-1	0	0	0	-1
AT3G04485	0	0	0	0	0	-1	0	0	0	-1
AT3G04550	0	0	0	-1	0	0	-1	0	0	-1
AT3G04560	0	0	0	0	0	0	-1	0	0	-1
AT3G04570	0	0	0	0	0	-1	0	0	0	-1
AT3G04630	0	0	1	0	0	0	0	0	0	1
AT3G04640	0	0	0	0	0	1	0	0	0	1
AT3G04730	0	-1	0	0	0	0	0	0	0	-1
AT3G04790	0	0	0	0	0	0	-1	0	0	-1
AT3G04810	0	0	0	0	0	-1	0	0	0	-1
AT3G04860	0	0	0	0	0	0	-1	0	0	-1
AT3G04890	0	0	-1	0	0	0	-1	0	0	-1
AT3G05050	0	0	0	0	0	0	1	0	0	1
AT3G05150	1	1	0	0	0	1	1	0	1	1
AT3G05155	0	0	0	0	0	-1	0	0	0	-1
AT3G05180	0	0	0	0	0	0	-1	-1	0	-1
AT3G05190	0	0	0	0	0	-1	0	0	0	-1
AT3G05260	0	0	0	0	0	-1	0	0	0	-1
AT3G05320	1	0	0	0	0	0	1	0	0	1
AT3G05350	0	0	0	0	0	0	-1	0	0	-1
AT3G05400	0	0	0	0	0	0	-1	0	0	-1
AT3G05415	0	0	0	0	0	-1	0	0	0	-1
AT3G05420	0	0	-1	0	0	0	0	0	0	-1
AT3G05490	1	1	0	0	0	1	1	0	0	1
AT3G05500	-1	-1	0	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G05660	0	0	0	0	0	-1	0	0	0	-1
AT3G05727	0	0	0	0	0	-1	0	0	0	-1
AT3G05730	0	0	0	0	0	0	-1	0	0	-1
AT3G05760	0	0	0	0	0	-1	0	0	0	-1
AT3G05770	0	0	0	0	0	0	0	0	-1	-1
AT3G05780	0	0	0	0	0	1	0	0	0	1
AT3G05800	1	1	1	0	0	0	0	0	0	1
AT3G05810	0	0	0	0	0	0	-1	0	0	-1
AT3G05890	0	0	0	0	0	0	1	0	0	1
AT3G05900	1	1	0	0	0	0	0	0	0	1
AT3G05910	0	1	0	0	0	0	1	0	0	1
AT3G05920	0	0	0	0	0	0	1	0	0	1
AT3G05932	0	0	0	0	0	-1	0	0	0	-1
AT3G05936	0	0	0	0	0	0	0	0	1	1
AT3G05950	0	0	0	0	0	-1	0	0	0	-1
AT3G05980	0	0	0	0	0	1	0	0	0	1
AT3G06070	0	0	0	0	0	1	1	0	0	1
AT3G06180	0	0	0	0	0	0	-1	0	0	-1
AT3G06200	0	0	0	0	0	0	-1	0	0	-1
AT3G06370	0	0	0	0	0	0	1	0	0	1
AT3G06390	0	0	0	0	0	0	0	0	1	1
AT3G06433	0	0	0	0	0	-1	0	0	0	-1
AT3G06450	1	1	0	0	0	0	0	0	0	1
AT3G06470	0	0	0	0	0	0	-1	0	0	-1
AT3G06500	0	0	-1	0	0	0	0	0	0	-1
AT3G06610	0	0	0	0	0	0	-1	0	0	-1
AT3G06720	0	0	0	0	0	0	1	0	0	1
AT3G06730	0	0	0	0	0	0	-1	0	0	-1
AT3G06750	0	0	0	0	0	0	-1	0	0	-1
AT3G06760	0	0	-1	0	0	0	-1	0	0	-1
AT3G06770	1	1	1	0	0	0	0	0	0	1
AT3G06860	0	0	0	0	0	0	1	0	0	1
AT3G06930	0	0	-1	0	0	0	0	0	0	-1
AT3G06950	0	0	0	0	0	0	-1	0	0	-1
AT3G06960	0	0	0	0	0	0	-1	0	0	-1
AT3G06990	1	1	0	0	0	0	0	0	0	1
AT3G07000	1	1	0	0	0	1	0	0	1	1
AT3G07010	1	1	0	0	0	0	1	0	0	1
AT3G07110	0	0	0	0	0	0	-1	0	0	-1
AT3G07200	0	0	0	0	0	-1	-1	0	0	-1
AT3G07210	0	1	0	0	0	0	0	0	0	1
AT3G07215	0	0	0	0	0	-1	0	0	0	-1
AT3G07270	0	0	0	0	0	0	-1	0	0	-1
AT3G07300	0	0	-1	0	0	0	-1	0	0	-1
AT3G07320	0	-1	0	0	0	0	0	0	0	-1
AT3G07350	0	-1	0	0	0	0	-1	0	0	-1
AT3G07410	0	0	0	0	0	0	-1	0	0	-1
AT3G07430	0	0	0	0	0	0	-1	0	0	-1
AT3G07470	1	1	0	0	0	0	1	0	0	1
AT3G07520	0	0	0	0	0	-1	0	0	0	-1
AT3G07540	0	0	1	0	0	1	0	0	0	1
AT3G07580	0	0	0	0	0	1	0	0	0	1
AT3G07660	0	0	-1	0	0	0	0	0	0	-1
AT3G07730	0	0	0	0	0	1	0	0	0	1
AT3G07800	0	0	0	0	0	0	1	0	0	1
AT3G07850	0	0	0	1	0	0	0	0	0	1
AT3G07940	0	0	0	0	0	0	1	0	0	1
AT3G08000	0	0	0	0	0	-1	0	0	0	-1
AT3G08010	0	0	0	0	0	0	-1	0	0	-1
AT3G08030	0	-1	0	0	0	0	0	0	0	-1
AT3G08500	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G08520	0	0	0	0	0	0	-1	0	0	-1
AT3G08530	0	0	0	0	0	0	1	0	0	1
AT3G08600	0	1	0	0	0	0	0	0	0	1
AT3G08640	-1	-1	0	0	0	0	0	0	0	-1
AT3G08720	0	0	0	0	0	0	1	0	0	1
AT3G08740	0	0	0	0	0	0	-1	0	0	-1
AT3G08760	0	-1	0	0	0	0	0	0	0	-1
AT3G08770	-1	-1	0	0	0	0	0	0	0	-1
AT3G08920	0	0	0	0	0	0	-1	0	0	-1
AT3G08940	0	0	0	0	0	0	-1	0	0	-1
AT3G09020	0	0	0	0	0	1	1	1	0	1
AT3G09100	0	0	0	0	0	0	1	0	0	1
AT3G09160	0	0	0	0	0	0	-1	0	0	-1
AT3G09200	0	0	0	0	0	0	-1	0	0	-1
AT3G09260	0	0	0	0	0	0	1	0	0	1
AT3G09380	0	0	0	0	0	1	0	0	0	1
AT3G09385	0	0	0	0	0	1	0	0	0	1
AT3G09390	0	0	0	0	0	0	-1	0	0	-1
AT3G09405	0	0	0	0	0	0	0	1	1	1
AT3G09440	0	1	0	0	0	0	1	0	0	1
AT3G09490	0	0	0	0	0	0	1	0	0	1
AT3G09520	0	0	0	0	0	1	0	0	0	1
AT3G09580	0	0	0	0	0	0	-1	0	0	-1
AT3G09600	0	0	0	0	0	0	-1	0	0	-1
AT3G09690	0	0	-1	0	0	0	0	0	0	-1
AT3G09735	0	0	0	0	0	0	-1	0	0	-1
AT3G09780	1	1	1	0	0	0	0	0	0	1
AT3G09830	0	0	0	0	0	1	0	0	0	1
AT3G09925	0	0	0	0	0	0	0	0	-1	-1
AT3G09940	0	0	0	0	0	0	1	0	0	1
AT3G09980	0	0	0	0	0	0	1	0	0	1
AT3G10020	0	-1	0	0	0	0	0	0	0	-1
AT3G10130	0	0	0	0	0	1	0	0	0	1
AT3G10160	0	0	-1	0	0	0	0	0	0	-1
AT3G10190	0	0	0	0	0	0	-1	0	0	-1
AT3G10280	0	0	0	0	0	0	-1	0	0	-1
AT3G10320	0	0	0	0	0	1	0	0	0	1
AT3G10340	0	0	0	0	0	0	1	0	0	1
AT3G10520	-1	-1	0	0	0	0	0	0	0	-1
AT3G10620	0	0	-1	0	0	0	0	0	0	-1
AT3G10640	0	0	0	0	0	0	1	0	0	1
AT3G10670	0	0	0	0	0	0	-1	0	0	-1
AT3G10690	0	0	-1	0	0	0	0	0	0	-1
AT3G10700	0	0	0	0	0	0	-1	0	0	-1
AT3G10710	0	0	0	0	0	-1	0	0	0	-1
AT3G10740	0	0	0	0	0	0	1	0	0	1
AT3G10770	0	0	0	0	0	0	-1	0	0	-1
AT3G10815	0	0	0	0	0	0	0	0	1	1
AT3G10870	0	0	0	0	0	0	-1	0	0	-1
AT3G10910	0	0	0	0	0	0	1	0	0	1
AT3G10960	0	0	0	0	0	0	1	0	0	1
AT3G11090	0	-1	0	0	0	0	0	0	0	-1
AT3G11110	-1	-1	0	0	0	0	0	0	0	-1
AT3G11120	0	0	0	0	0	0	-1	0	0	-1
AT3G11130	0	0	0	0	0	0	1	0	0	1
AT3G11170	0	0	0	0	0	0	-1	0	0	-1
AT3G11180	0	0	0	0	0	1	0	0	1	1
AT3G11220	0	0	0	0	0	-1	0	0	0	-1
AT3G11340	0	0	0	0	0	0	1	0	0	1
AT3G11370	0	0	0	0	0	-1	0	0	0	-1
AT3G11385	0	0	0	0	0	-1	0	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G11410	0	0	0	0	0	0	0	-1	0	-1
AT3G11420	0	0	0	0	0	0	1	0	0	1
AT3G11430	0	0	0	0	0	0	0	1	1	1
AT3G11500	0	0	0	0	0	0	-1	0	0	-1
AT3G11520	0	0	0	0	0	1	1	0	0	1
AT3G11550	0	0	0	0	0	1	1	0	0	1
AT3G11630	0	0	0	0	0	0	-1	0	0	-1
AT3G11690	0	0	0	0	0	0	1	0	0	1
AT3G11700	1	1	1	0	0	0	1	0	0	1
AT3G11720	0	0	0	0	0	1	0	0	0	1
AT3G11760	0	-1	0	0	0	0	0	0	0	-1
AT3G11770	0	-1	0	0	0	0	-1	0	0	-1
AT3G11780	0	0	0	0	0	0	1	0	0	1
AT3G11830	0	0	0	0	0	0	-1	0	0	-1
AT3G11940	0	0	0	0	0	0	-1	0	0	-1
AT3G11950	0	0	0	0	0	0	-1	0	0	-1
AT3G11964	0	0	-1	0	0	0	0	0	0	-1
AT3G12010	0	0	-1	0	0	0	0	0	0	-1
AT3G12040	0	0	0	0	0	1	1	0	0	1
AT3G12110	1	1	0	0	0	0	1	0	0	1
AT3G12203	0	0	0	0	0	1	0	0	0	1
AT3G12220	0	0	0	0	0	-1	0	0	0	-1
AT3G12290	0	0	0	0	0	0	-1	0	0	-1
AT3G12360	0	0	0	0	0	0	1	0	0	1
AT3G12500	0	0	0	0	0	1	0	0	0	1
AT3G12560	0	0	0	0	0	0	1	0	0	1
AT3G12580	1	0	0	0	0	0	0	0	0	1
AT3G12610	1	1	0	0	0	1	1	0	0	1
AT3G12700	0	0	0	0	0	1	0	0	0	1
AT3G12740	0	0	0	0	0	0	1	0	0	1
AT3G12780	0	0	0	0	0	0	-1	0	0	-1
AT3G12830	0	0	0	0	0	0	-1	0	0	-1
AT3G12910	0	0	0	0	0	0	0	1	1	1
AT3G12920	-1	-1	-1	0	0	0	0	0	0	-1
AT3G12930	0	0	0	0	0	0	-1	0	0	-1
AT3G13040	0	0	-1	0	0	0	0	0	0	-1
AT3G13100	0	0	0	0	0	0	0	1	0	1
AT3G13110	0	0	0	0	0	1	0	0	0	1
AT3G13120	0	0	0	0	0	0	-1	0	0	-1
AT3G13130	0	0	0	0	0	1	0	0	0	1
AT3G13150	0	0	-1	0	0	0	0	0	0	-1
AT3G13175	0	0	0	0	0	0	-1	0	0	-1
AT3G13230	0	0	0	0	0	0	-1	0	0	-1
AT3G13240	0	0	0	0	0	-1	0	0	0	-1
AT3G13270	0	0	0	0	0	-1	0	0	0	-1
AT3G13320	0	0	0	0	0	0	1	0	0	1
AT3G13380	0	-1	0	0	0	0	0	0	0	-1
AT3G13400	0	0	0	0	0	-1	0	0	0	-1
AT3G13432	0	0	0	0	0	1	0	0	0	1
AT3G13435	0	0	0	0	0	1	0	0	0	1
AT3G13437	0	0	0	0	0	1	0	1	0	1
AT3G13510	-1	-1	0	0	0	0	0	0	0	-1
AT3G13520	0	1	0	0	0	1	0	0	0	1
AT3G13650	0	1	0	0	0	1	1	1	0	1
AT3G13674	0	0	0	0	0	0	-1	0	0	-1
AT3G13690	0	0	0	0	0	0	1	0	0	1
AT3G13730	-1	-1	-1	0	0	-1	0	-1	-1	-1
AT3G13750	0	0	0	0	0	0	1	0	0	1
AT3G13790	0	0	0	0	0	0	1	0	0	1
AT3G13930	0	0	0	0	0	0	1	0	0	1
AT3G14050	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G14067	0	0	0	0	0	0	1	0	0	1
AT3G14110	0	0	0	0	0	0	-1	0	0	-1
AT3G14190	0	0	0	0	0	1	0	0	0	1
AT3G14225	0	0	0	0	0	0	0	1	0	1
AT3G14230	0	-1	0	0	0	0	0	0	0	-1
AT3G14270	0	1	0	0	0	1	1	0	0	1
AT3G14310	0	0	0	0	0	0	1	0	0	1
AT3G14330	0	0	0	0	0	0	0	-1	0	-1
AT3G14350	0	0	0	0	0	0	-1	0	0	-1
AT3G14370	1	1	1	0	0	1	1	0	0	1
AT3G14380	0	0	1	0	0	1	0	1	1	1
AT3G14440	0	0	0	0	0	1	0	0	0	1
AT3G14450	0	0	0	0	0	0	-1	0	0	-1
AT3G14560	-1	0	0	0	0	0	0	0	0	-1
AT3G14580	0	0	0	0	0	-1	0	0	0	-1
AT3G14620	0	0	0	0	0	-1	0	0	0	-1
AT3G14640	0	0	0	0	0	1	0	0	0	1
AT3G14770	0	0	0	0	0	1	0	0	0	1
AT3G14840	0	0	0	0	0	0	1	0	0	1
AT3G14920	0	0	0	0	0	0	1	0	0	1
AT3G14930	0	0	0	0	0	0	-1	0	0	-1
AT3G15030	0	0	0	0	0	0	-1	0	0	-1
AT3G15070	0	0	-1	0	0	0	0	0	0	-1
AT3G15095	-1	-1	-1	0	0	0	0	0	0	-1
AT3G15115	0	0	0	0	0	1	0	0	0	1
AT3G15190	0	0	0	0	0	0	-1	0	0	-1
AT3G15240	-1	-1	0	0	0	-1	0	0	0	-1
AT3G15356	0	0	0	0	0	1	0	0	1	1
AT3G15357	0	0	0	0	0	-1	0	0	0	-1
AT3G15360	0	0	0	0	0	0	-1	0	0	-1
AT3G15370	0	0	0	0	0	-1	-1	0	0	-1
AT3G15380	0	0	0	0	0	0	-1	0	0	-1
AT3G15518	0	0	0	0	0	1	0	0	0	1
AT3G15520	0	0	0	0	0	0	-1	0	0	-1
AT3G15530	0	0	1	0	0	0	0	0	0	1
AT3G15540	0	1	0	1	0	1	1	0	1	1
AT3G15550	0	0	0	0	0	1	0	0	0	1
AT3G15670	0	0	0	0	0	-1	0	-1	0	-1
AT3G15680	-1	-1	0	0	0	0	0	0	0	-1
AT3G15730	0	0	0	0	0	0	0	0	-1	-1
AT3G15760	0	0	0	0	0	0	-1	0	0	-1
AT3G15780	0	0	0	0	0	0	-1	0	0	-1
AT3G15840	0	0	0	0	0	0	-1	0	0	-1
AT3G15850	0	0	0	0	0	0	-1	0	0	-1
AT3G15990	0	0	0	0	0	-1	0	0	0	-1
AT3G16140	0	0	0	0	0	0	-1	0	0	-1
AT3G16150	0	0	0	0	0	1	0	0	1	1
AT3G16175	0	0	0	0	0	1	0	0	0	1
AT3G16210	0	0	0	0	0	1	0	0	0	1
AT3G16240	0	0	0	0	0	1	0	0	0	1
AT3G16250	0	0	0	0	0	0	0	-1	0	-1
AT3G16280	0	0	0	0	0	1	0	0	0	1
AT3G16340	0	0	0	0	0	0	1	0	0	1
AT3G16370	0	1	0	1	0	1	1	0	0	1
AT3G16380	0	0	0	0	0	-1	0	0	0	-1
AT3G16390	0	0	0	0	0	0	1	0	0	1
AT3G16400	0	0	0	0	0	0	1	0	0	1
AT3G16410	0	0	0	0	0	0	1	0	0	1
AT3G16420	0	0	0	0	0	0	1	0	0	1
AT3G16450	0	0	0	0	0	0	0	-1	-1	-1
AT3G16460	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G16470	0	0	0	0	0	0	1	0	0	1
AT3G16500	-1	-1	-1	-1	0	0	0	0	0	-1
AT3G16520	0	0	0	0	0	0	-1	0	0	-1
AT3G16530	0	0	0	0	0	1	0	1	1	1
AT3G16560	0	0	0	0	0	0	-1	0	0	-1
AT3G16570	-1	-1	0	0	0	-1	-1	0	0	-1
AT3G16620	0	0	-1	0	0	0	0	0	0	-1
AT3G16670	0	0	0	0	0	-1	-1	0	0	-1
AT3G16700	1	1	0	0	0	0	0	0	0	1
AT3G16740	0	0	0	0	0	-1	0	0	0	-1
AT3G16750	0	0	0	0	0	-1	0	0	0	-1
AT3G16770	0	0	0	0	0	0	1	0	0	1
AT3G16830	0	0	-1	0	0	0	0	0	0	-1
AT3G16850	0	0	0	0	0	0	1	0	0	1
AT3G16920	0	0	0	0	0	1	0	0	0	1
AT3G17050	0	0	0	0	0	1	0	0	0	1
AT3G17110	0	0	0	0	0	1	0	0	0	1
AT3G17170	0	0	0	0	0	0	0	-1	0	-1
AT3G17240	0	0	0	0	0	0	1	0	0	1
AT3G17310	0	0	0	0	0	0	-1	0	0	-1
AT3G17350	0	0	0	0	0	0	-1	0	0	-1
AT3G17365	0	-1	0	0	0	0	0	0	0	-1
AT3G17380	0	0	0	0	0	0	1	0	0	1
AT3G17390	0	0	0	0	0	0	1	0	0	1
AT3G17420	0	0	0	0	0	1	1	0	0	1
AT3G17465	0	0	0	0	0	0	-1	0	0	-1
AT3G17510	0	0	0	0	0	0	1	0	0	1
AT3G17520	0	0	0	0	0	-1	0	-1	0	-1
AT3G17580	0	0	0	0	0	1	0	0	0	1
AT3G17590	0	0	0	0	0	0	-1	0	0	-1
AT3G17640	0	0	0	0	0	1	0	0	0	1
AT3G17790	0	0	0	0	0	1	0	0	0	1
AT3G17800	0	-1	-1	0	0	0	0	0	0	-1
AT3G17810	0	0	0	0	0	0	1	0	0	1
AT3G17850	0	0	0	0	0	0	1	0	0	1
AT3G17860	-1	-1	0	0	0	0	0	0	0	-1
AT3G17950	0	0	0	0	0	0	-1	0	0	-1
AT3G17980	0	0	0	0	0	1	0	0	0	1
AT3G18030	0	0	0	0	0	0	-1	0	0	-1
AT3G18050	0	0	0	0	0	0	-1	0	0	-1
AT3G18080	-1	0	0	0	0	0	0	0	0	-1
AT3G18200	1	1	1	0	0	1	1	0	0	1
AT3G18217	0	0	0	0	0	1	0	0	0	1
AT3G18250	0	0	0	0	0	0	0	0	1	1
AT3G18270	0	0	0	0	0	0	-1	0	0	-1
AT3G18280	0	0	0	0	0	-1	0	-1	0	-1
AT3G18320	0	0	0	0	0	-1	0	0	0	-1
AT3G18420	0	0	0	0	0	0	-1	0	0	-1
AT3G18520	0	0	0	0	0	-1	-1	0	0	-1
AT3G18530	0	0	0	0	0	-1	-1	0	0	-1
AT3G18680	0	0	0	0	0	0	-1	0	0	-1
AT3G18710	0	0	-1	0	0	0	0	0	0	-1
AT3G18750	0	0	0	0	0	0	0	-1	0	-1
AT3G18800	0	0	0	0	0	0	-1	0	0	-1
AT3G18820	0	0	0	0	0	0	1	0	0	1
AT3G18830	0	1	0	0	0	1	1	0	0	1
AT3G18960	0	0	0	0	0	0	-1	0	0	-1
AT3G18990	0	0	0	0	0	0	1	0	0	1
AT3G19000	0	0	-1	0	0	0	0	0	0	-1
AT3G19220	0	0	0	0	0	0	-1	0	0	-1
AT3G19360	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G19380	-1	-1	0	0	0	0	0	0	0	-1
AT3G19390	0	0	0	0	0	0	1	0	0	1
AT3G19400	0	0	0	0	0	0	1	0	0	1
AT3G19450	0	0	0	0	0	0	1	0	0	1
AT3G19480	0	0	0	0	0	0	0	-1	0	-1
AT3G19490	0	0	0	0	0	0	-1	0	0	-1
AT3G19515	0	0	0	0	0	-1	0	0	0	-1
AT3G19553	0	1	0	0	0	0	1	0	0	1
AT3G19580	0	0	0	0	0	1	1	0	0	1
AT3G19615	0	0	0	0	0	0	0	1	0	1
AT3G19620	0	0	0	0	0	1	0	0	0	1
AT3G19680	0	0	-1	0	0	0	0	0	0	-1
AT3G19760	0	0	0	0	0	0	1	0	0	1
AT3G19800	0	0	0	0	0	0	-1	0	0	-1
AT3G19860	0	0	0	0	0	-1	0	0	0	-1
AT3G19900	0	0	0	0	0	0	1	0	0	1
AT3G19930	0	0	0	1	0	0	0	0	0	1
AT3G19970	0	0	0	0	0	0	-1	0	0	-1
AT3G20000	0	0	0	0	0	0	-1	0	0	-1
AT3G20130	0	0	0	0	0	0	1	0	0	1
AT3G20210	0	0	0	0	0	-1	0	0	0	-1
AT3G20240	0	0	0	0	0	0	-1	0	0	-1
AT3G20300	0	0	1	0	0	0	0	0	0	1
AT3G20410	0	0	0	0	0	0	1	0	0	1
AT3G20450	0	0	0	0	0	0	1	0	0	1
AT3G20460	0	0	0	0	0	1	1	0	1	1
AT3G20480	0	0	0	0	0	1	0	0	0	1
AT3G20500	0	0	-1	0	0	0	0	0	0	-1
AT3G20510	0	0	0	0	0	1	0	0	0	1
AT3G20570	0	0	0	0	0	0	1	0	0	1
AT3G20620	0	0	0	0	0	0	1	0	0	1
AT3G20660	0	0	0	0	0	0	1	0	0	1
AT3G20680	0	0	0	0	0	0	-1	0	0	-1
AT3G20705	0	0	0	0	0	0	0	0	-1	-1
AT3G20830	-1	-1	0	0	0	0	0	0	0	-1
AT3G20840	0	0	0	0	0	-1	0	0	0	-1
AT3G20935	0	0	0	0	0	1	0	0	0	1
AT3G20950	0	0	0	0	0	1	0	0	0	1
AT3G21010	0	0	0	0	0	-1	0	0	0	-1
AT3G21030	0	0	0	0	0	-1	0	0	0	-1
AT3G21055	0	0	0	0	0	0	-1	0	0	-1
AT3G21080	0	0	0	0	0	0	0	1	1	1
AT3G21180	0	0	0	0	0	-1	0	0	0	-1
AT3G21190	0	1	0	0	0	0	1	0	0	1
AT3G21240	0	0	0	0	0	0	1	0	0	1
AT3G21280	0	0	0	0	0	0	-1	0	0	-1
AT3G21300	0	0	0	0	0	0	-1	0	0	-1
AT3G21350	0	0	0	0	0	0	-1	0	0	-1
AT3G21352	0	0	0	0	0	1	0	0	0	1
AT3G21360	0	0	0	0	0	0	-1	0	0	-1
AT3G21390	0	0	0	0	0	0	-1	0	0	-1
AT3G21420	0	1	0	0	0	0	0	0	0	1
AT3G21460	0	0	0	0	0	1	0	0	0	1
AT3G21520	0	0	0	0	0	0	0	1	0	1
AT3G21650	0	0	0	0	0	0	-1	0	0	-1
AT3G21660	0	0	0	0	0	1	0	0	0	1
AT3G21670	0	0	0	0	0	0	0	-1	0	-1
AT3G21770	0	0	0	0	0	0	1	0	0	1
AT3G21865	0	-1	0	0	0	0	0	0	0	-1
AT3G21870	-0	-1	-1	0	0	0	0	0	0	-1
AT3G21890	0	0	0	0	0	0	0	-1	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G22060	1	0	0	0	0	0	0	0	0	1
AT3G22120	0	0	0	0	0	0	-1	0	0	-1
AT3G22142	0	0	0	0	0	-1	0	0	0	-1
AT3G22200	0	0	0	0	0	0	1	0	0	1
AT3G22210	0	0	0	0	0	0	-1	0	0	-1
AT3G22235	0	0	0	0	0	0	0	0	1	1
AT3G22540	1	1	1	0	0	0	0	0	0	1
AT3G22570	0	0	0	0	0	1	1	0	0	1
AT3G22600	0	0	0	0	0	1	1	0	0	1
AT3G22620	0	0	0	0	0	1	1	0	0	1
AT3G22630	0	0	-1	0	0	0	0	0	0	-1
AT3G22640	0	0	0	0	0	-1	0	0	0	-1
AT3G22680	0	0	0	0	0	0	-1	0	0	-1
AT3G22740	0	0	0	0	0	1	0	0	0	1
AT3G22750	0	0	0	0	0	0	-1	0	0	-1
AT3G22840	0	0	0	0	0	-1	0	0	0	-1
AT3G22900	0	0	0	0	0	0	-1	0	0	-1
AT3G22910	0	0	0	0	0	1	0	0	0	1
AT3G22960	0	0	0	0	0	0	-1	0	0	-1
AT3G23030	0	-1	-1	0	0	0	0	0	0	-1
AT3G23040	0	0	0	0	0	-1	0	0	0	-1
AT3G23080	-1	-1	0	0	0	0	0	0	0	-1
AT3G23090	0	0	0	0	0	1	1	0	0	1
AT3G23170	-1	0	0	0	0	0	-1	0	0	-1
AT3G23190	0	0	0	0	0	-1	0	0	0	-1
AT3G23250	0	0	0	0	0	0	0	1	0	1
AT3G23280	0	0	0	0	0	0	1	0	0	1
AT3G23290	-1	0	-1	0	0	0	-1	0	0	-1
AT3G23300	0	1	1	0	0	0	0	0	0	1
AT3G23370	0	0	0	0	0	-1	0	0	0	-1
AT3G23400	0	0	0	0	0	0	-1	0	0	-1
AT3G23480	0	0	0	0	0	-1	0	0	0	-1
AT3G23510	0	0	0	0	0	0	-1	0	0	-1
AT3G23530	0	0	0	0	0	0	-1	0	0	-1
AT3G23550	-1	-1	-1	0	0	0	0	0	0	-1
AT3G23570	0	0	0	0	0	-1	0	0	0	-1
AT3G23580	0	-1	0	0	0	0	0	0	0	-1
AT3G23590	0	-1	0	0	0	0	0	0	0	-1
AT3G23600	0	0	0	0	0	0	1	0	0	1
AT3G23630	0	0	0	0	0	-1	0	0	0	-1
AT3G23640	-1	-1	0	0	0	0	-1	0	0	-1
AT3G23750	1	1	0	0	0	0	0	0	0	1
AT3G23760	0	0	0	0	0	0	-1	0	0	-1
AT3G23800	0	0	0	0	0	0	1	0	0	1
AT3G23810	0	1	0	0	0	0	0	0	0	1
AT3G23820	1	1	0	0	0	0	0	1	0	1
AT3G23830	0	0	0	0	0	-1	-1	0	0	-1
AT3G23840	0	0	0	0	0	0	-1	0	0	-1
AT3G23870	0	0	0	0	0	1	1	0	0	1
AT3G24020	0	0	0	0	0	1	0	0	0	1
AT3G24190	0	0	0	0	0	0	-1	0	0	-1
AT3G24200	0	0	-1	0	0	0	0	0	0	-1
AT3G24225	0	0	0	0	0	0	0	0	1	1
AT3G24240	0	0	0	0	0	0	1	0	0	1
AT3G24315	0	0	0	0	0	0	-1	0	0	-1
AT3G24420	0	0	0	0	1	1	0	0	0	1
AT3G24450	0	0	0	0	0	1	0	0	0	1
AT3G24500	0	0	0	0	0	0	1	0	0	1
AT3G24515	0	0	1	0	0	0	0	0	0	1
AT3G24530	0	1	1	0	0	0	0	0	0	1
AT3G24550	0	1	0	0	0	0	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G24570	0	0	0	0	0	0	-1	0	0	-1
AT3G24715	0	0	0	0	0	1	0	0	0	1
AT3G24830	0	0	0	0	0	0	-1	0	0	-1
AT3G25110	0	0	0	1	0	0	0	0	0	1
AT3G25290	0	0	0	0	0	1	1	0	0	1
AT3G25410	0	0	0	0	0	0	-1	0	0	-1
AT3G25480	0	0	0	0	0	0	-1	0	0	-1
AT3G25585	0	0	0	0	0	0	1	0	0	1
AT3G25600	0	1	0	0	0	0	0	0	0	1
AT3G25660	0	0	0	0	0	0	-1	0	0	-1
AT3G25670	0	0	0	0	0	0	-1	0	0	-1
AT3G25780	0	0	0	0	0	0	1	0	0	1
AT3G25805	0	0	0	0	0	0	-1	0	0	-1
AT3G25830	0	0	0	0	0	0	0	-1	0	-1
AT3G25855	0	0	0	0	0	0	0	0	1	1
AT3G25860	0	0	0	0	0	0	-1	0	0	-1
AT3G25890	0	0	0	0	0	0	-1	0	0	-1
AT3G25900	1	1	0	0	0	0	1	0	1	1
AT3G25920	0	0	0	0	0	0	-1	0	0	-1
AT3G25930	0	0	0	0	0	0	1	0	0	1
AT3G25940	0	0	0	0	0	0	-1	0	0	-1
AT3G25980	0	0	0	0	0	1	1	0	0	1
AT3G26020	0	0	0	0	0	0	1	0	0	1
AT3G26060	0	0	0	0	0	0	-1	0	0	-1
AT3G26085	0	0	-1	0	0	0	0	0	0	-1
AT3G26120	0	0	0	0	0	-1	0	0	0	-1
AT3G26170	0	0	0	0	0	1	1	0	0	1
AT3G26180	0	0	0	0	0	1	1	0	1	1
AT3G26200	0	-1	0	0	0	0	0	0	0	-1
AT3G26210	0	0	0	0	0	0	0	0	1	1
AT3G26220	0	0	0	-1	0	0	0	0	0	-1
AT3G26230	0	0	0	0	0	0	0	1	1	1
AT3G26330	0	0	0	0	0	0	1	0	0	1
AT3G26410	0	0	0	0	0	0	-1	0	0	-1
AT3G26440	0	0	0	0	0	0	1	0	0	1
AT3G26445	0	0	0	0	0	1	0	0	0	1
AT3G26450	0	0	0	0	0	0	1	0	0	1
AT3G26490	0	1	0	0	0	0	0	0	0	1
AT3G26500	0	0	0	0	0	1	0	0	0	1
AT3G26525	0	0	0	0	0	1	0	0	0	1
AT3G26530	0	0	0	0	0	1	0	0	0	1
AT3G26570	0	0	0	0	0	0	-1	-1	0	-1
AT3G26590	0	0	0	0	0	0	1	0	1	1
AT3G26610	0	0	0	0	0	-1	0	0	0	-1
AT3G26640	0	0	0	0	0	0	-1	0	0	-1
AT3G26650	0	0	0	0	0	0	-1	0	0	-1
AT3G26670	0	0	0	0	0	0	1	0	0	1
AT3G26690	0	0	0	0	0	0	-1	0	0	-1
AT3G26710	0	0	0	0	0	0	-1	0	0	-1
AT3G26720	0	0	0	0	0	0	1	0	0	1
AT3G26730	0	0	0	0	0	0	1	0	0	1
AT3G26815	0	0	0	0	0	1	0	0	0	1
AT3G26830	0	0	0	0	0	0	0	1	1	1
AT3G26900	0	0	0	0	0	0	-1	0	0	-1
AT3G26935	0	0	0	0	0	0	1	0	0	1
AT3G26980	0	1	0	0	0	0	0	0	0	1
AT3G27060	0	0	0	0	0	0	1	0	0	1
AT3G27110	0	0	-1	0	0	0	0	0	0	-1
AT3G27160	0	0	0	0	0	0	-1	0	0	-1
AT3G27190	0	0	0	0	0	0	1	0	0	1
AT3G27210	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G27220	0	0	-1	0	0	0	0	0	0	-1
AT3G27325	0	0	0	0	0	0	1	0	0	1
AT3G27390	0	0	0	0	0	0	1	0	0	1
AT3G27470	0	0	0	0	0	0	1	0	0	1
AT3G27500	0	0	0	0	0	1	0	1	1	1
AT3G27530	0	0	-1	0	0	0	0	0	0	-1
AT3G27660	0	0	0	0	0	-1	0	0	0	-1
AT3G27690	0	0	0	-1	0	0	-1	-1	0	-1
AT3G27750	0	0	0	0	0	0	-1	0	0	-1
AT3G27770	0	0	0	0	0	0	-1	0	0	-1
AT3G27820	0	0	-1	0	0	0	0	0	0	-1
AT3G27830	0	0	0	0	0	0	-1	0	0	-1
AT3G27850	0	0	0	0	0	0	-1	0	0	-1
AT3G27870	0	0	0	0	0	0	-1	0	0	-1
AT3G27884	0	0	0	0	0	-1	0	0	0	-1
AT3G27890	0	0	0	0	0	0	1	0	0	1
AT3G27950	-1	-1	0	0	0	-1	0	0	0	-1
AT3G27960	0	0	0	0	0	0	1	0	0	1
AT3G28040	0	0	0	0	0	0	-1	0	0	-1
AT3G28080	0	0	0	0	0	-1	0	0	0	-1
AT3G28180	0	1	1	0	0	0	1	0	0	1
AT3G28200	1	1	1	0	0	1	0	0	1	1
AT3G28220	0	0	0	0	0	0	0	-1	-1	-1
AT3G28270	1	0	0	0	1	0	0	0	0	1
AT3G28340	1	1	1	0	0	1	0	1	1	1
AT3G28510	0	0	0	0	0	0	0	1	1	1
AT3G28550	0	0	0	0	0	-1	0	0	0	-1
AT3G28580	0	0	0	0	0	0	0	1	0	1
AT3G28690	0	0	0	0	0	0	1	0	0	1
AT3G28857	0	0	0	0	0	0	0	1	1	1
AT3G28900	0	0	0	0	0	0	-1	0	0	-1
AT3G28910	1	1	0	0	0	0	1	0	0	1
AT3G28930	0	0	0	0	0	0	0	0	1	1
AT3G28940	0	0	0	0	0	0	1	1	0	1
AT3G28950	0	0	0	0	0	0	1	0	0	1
AT3G29000	0	0	0	0	0	1	0	1	0	1
AT3G29030	1	1	1	0	0	0	0	0	0	1
AT3G29090	0	0	0	0	0	0	-1	0	0	-1
AT3G29120	0	0	0	0	0	-1	0	0	0	-1
AT3G29140	0	0	0	0	0	-1	-1	0	0	-1
AT3G29170	0	0	1	0	0	0	0	0	0	1
AT3G29185	0	0	0	0	0	0	-1	0	0	-1
AT3G29205	0	0	0	0	0	1	0	0	0	1
AT3G29230	0	0	0	0	0	0	-1	0	0	-1
AT3G29250	0	0	0	0	0	-1	0	0	0	-1
AT3G29252	0	0	0	0	0	-1	0	0	0	-1
AT3G29260	0	0	0	0	0	-1	0	0	0	-1
AT3G29360	0	0	0	0	0	0	1	0	0	1
AT3G29575	-1	0	0	0	0	0	0	0	0	-1
AT3G29644	0	0	0	0	0	1	0	0	0	1
AT3G29680	0	0	0	0	0	-1	0	0	0	-1
AT3G30180	-1	-1	-1	0	-1	-1	-1	-1	-1	-1
AT3G30210	0	0	0	0	0	0	0	-1	0	-1
AT3G30214	0	0	0	0	0	-1	0	0	0	-1
AT3G30350	0	0	0	0	0	-1	0	0	0	-1
AT3G30420	0	0	0	0	0	1	0	0	0	1
AT3G30737	0	0	0	0	0	-1	0	0	0	-1
AT3G30775	1	1	1	0	0	0	0	0	0	1
AT3G32091	0	0	0	0	0	-1	0	0	0	-1
AT3G32110	0	0	0	0	0	1	0	0	0	1
AT3G32930	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G33520	0	0	0	0	0	0	-1	0	0	-1
AT3G36659	0	0	0	0	0	1	0	0	0	1
AT3G42150	0	0	0	0	0	0	-1	0	0	-1
AT3G42658	0	0	0	0	0	-1	0	0	0	-1
AT3G42725	0	0	0	0	0	1	0	0	0	1
AT3G42800	0	0	0	0	0	1	1	0	0	1
AT3G42950	0	0	0	0	0	0	1	0	0	1
AT3G43200	0	0	0	0	0	1	0	0	0	1
AT3G43220	0	0	0	0	0	0	1	0	0	1
AT3G43230	0	0	-1	0	0	0	0	0	0	-1
AT3G43240	0	0	-1	0	0	0	0	0	0	-1
AT3G43430	0	0	0	0	0	1	0	0	0	1
AT3G43540	0	0	0	0	0	0	-1	0	0	-1
AT3G43720	1	1	1	0	0	1	1	0	0	1
AT3G43810	0	0	0	0	0	0	1	0	0	1
AT3G44020	0	0	0	0	0	0	-1	0	0	-1
AT3G44042	0	0	0	0	0	1	0	0	1	1
AT3G44120	0	0	0	0	0	-1	0	0	0	-1
AT3G44330	0	0	0	0	0	0	-1	0	0	-1
AT3G44380	0	0	0	0	0	0	-1	0	0	-1
AT3G44430	0	0	0	0	0	0	-1	0	0	-1
AT3G44450	-1	0	0	0	0	0	0	0	0	-1
AT3G44510	0	0	0	0	0	0	1	0	0	1
AT3G44540	0	0	0	0	0	0	0	0	1	1
AT3G44550	0	0	0	0	0	1	0	0	0	1
AT3G44610	-1	-1	0	0	0	0	0	0	0	-1
AT3G44735	0	1	0	0	0	0	0	0	0	1
AT3G44750	0	0	0	0	0	-1	0	0	0	-1
AT3G44798	0	0	0	0	0	1	0	0	0	1
AT3G44860	0	0	0	0	0	0	0	1	1	1
AT3G44890	0	0	0	0	0	0	-1	0	0	-1
AT3G45010	0	0	0	0	0	1	1	0	0	1
AT3G45050	0	0	0	0	0	0	-1	0	0	-1
AT3G45070	0	0	0	0	0	-1	0	0	0	-1
AT3G45080	0	0	0	0	0	-1	0	0	0	-1
AT3G45100	0	0	0	0	0	0	-1	0	0	-1
AT3G45230	1	1	1	0	0	0	0	0	0	1
AT3G45260	0	0	-1	0	0	0	0	0	0	-1
AT3G45310	0	0	0	0	0	0	1	0	0	1
AT3G45530	0	0	0	0	0	1	0	0	0	1
AT3G45700	0	0	0	0	0	0	1	0	0	1
AT3G45710	0	0	-1	0	0	-1	0	0	0	-1
AT3G45740	0	0	-1	0	0	0	0	0	0	-1
AT3G45770	0	0	0	0	0	0	-1	0	0	-1
AT3G45780	-1	-1	0	0	0	0	0	0	0	-1
AT3G45840	0	0	0	0	0	1	0	0	0	1
AT3G45920	0	0	0	0	0	1	0	0	0	1
AT3G45960	1	1	0	0	0	0	1	0	0	1
AT3G45970	1	1	0	0	1	1	1	0	0	1
AT3G45980	0	0	0	0	0	0	1	0	0	1
AT3G46010	0	0	0	0	0	0	1	0	0	1
AT3G46020	0	0	0	0	0	0	-1	0	0	-1
AT3G46040	0	0	0	0	0	0	-1	0	0	-1
AT3G46080	0	0	0	0	0	1	0	0	0	1
AT3G46090	0	0	0	1	0	0	0	0	0	1
AT3G46130	0	0	-1	0	0	0	0	0	0	-1
AT3G46230	0	0	0	0	0	0	0	0	1	1
AT3G46270	0	0	0	0	0	0	0	0	1	1
AT3G46280	0	0	0	0	0	0	1	0	0	1
AT3G46290	0	0	0	0	0	0	1	0	0	1
AT3G46330	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G46400	0	0	0	0	0	-1	0	0	0	-1
AT3G46490	0	0	0	0	0	-1	0	0	0	-1
AT3G46600	0	0	1	0	0	0	0	0	0	1
AT3G46640	0	0	0	0	0	0	-1	0	0	-1
AT3G46690	0	0	0	0	0	1	0	0	0	1
AT3G46820	0	0	-1	0	0	0	0	0	0	-1
AT3G46830	0	0	0	0	0	0	1	0	0	1
AT3G46840	0	0	0	1	0	0	0	0	0	1
AT3G46930	0	0	0	0	0	0	1	0	0	1
AT3G47010	0	0	0	0	0	0	-1	0	0	-1
AT3G47040	0	0	0	0	0	1	0	0	0	1
AT3G47070	0	0	0	0	0	0	-1	0	0	-1
AT3G47110	0	0	0	0	0	1	0	0	0	1
AT3G47295	0	0	0	0	0	0	-1	0	0	-1
AT3G47340	0	1	0	0	0	0	0	0	0	1
AT3G47380	0	0	0	1	0	0	0	0	0	1
AT3G47400	0	0	0	0	0	1	0	0	0	1
AT3G47470	0	0	0	0	0	0	-1	0	0	-1
AT3G47480	0	0	0	0	0	0	0	0	1	1
AT3G47490	0	0	0	0	0	0	-1	0	0	-1
AT3G47560	-1	-1	-1	0	0	0	0	0	0	-1
AT3G47570	1	0	0	0	0	0	0	0	0	1
AT3G47650	0	0	0	0	0	0	-1	0	0	-1
AT3G47670	0	0	0	0	0	0	1	0	0	1
AT3G47800	-1	-1	0	-1	0	0	0	0	0	-1
AT3G47860	0	0	0	0	0	0	-1	0	0	-1
AT3G48020	0	0	0	0	0	1	0	0	0	1
AT3G48090	0	0	0	0	0	0	1	0	0	1
AT3G48100	0	0	0	0	0	0	1	0	0	1
AT3G48360	0	0	0	-1	0	0	0	0	0	-1
AT3G48450	0	0	0	0	0	0	0	1	1	1
AT3G48510	0	0	0	0	0	1	0	0	0	1
AT3G48520	0	0	0	0	0	0	1	0	0	1
AT3G48560	0	0	0	0	0	0	-1	0	0	-1
AT3G48610	-1	-1	0	0	0	0	0	0	0	-1
AT3G48640	0	0	0	0	0	0	0	1	1	1
AT3G48690	-1	-1	-1	0	0	0	0	0	0	-1
AT3G48720	1	1	0	0	0	0	0	0	0	1
AT3G48730	0	0	0	0	0	0	-1	0	0	-1
AT3G48740	0	0	0	0	0	0	1	0	0	1
AT3G48760	0	0	0	0	0	0	1	0	0	1
AT3G48850	0	0	0	0	0	0	0	1	0	1
AT3G48940	0	0	0	0	0	1	0	0	0	1
AT3G48970	-1	0	0	0	0	0	0	0	0	-1
AT3G49160	-1	-1	0	0	0	0	0	0	0	-1
AT3G49220	1	1	0	0	0	1	1	0	0	1
AT3G49330	0	0	0	0	0	1	0	0	0	1
AT3G49350	0	0	0	0	0	0	1	0	0	1
AT3G49360	0	0	0	0	0	0	1	0	0	1
AT3G49470	0	0	0	0	0	0	-1	0	0	-1
AT3G49500	0	0	0	0	0	0	-1	0	0	-1
AT3G49620	0	0	-1	0	0	0	0	0	0	-1
AT3G49630	0	0	0	0	0	-1	0	0	0	-1
AT3G49640	0	0	1	0	0	0	0	0	0	1
AT3G49720	0	1	0	0	0	0	1	0	0	1
AT3G49810	0	-1	0	0	0	0	0	0	0	-1
AT3G49820	0	0	0	0	0	1	0	0	0	1
AT3G49840	0	0	0	0	0	0	1	0	0	1
AT3G49845	0	0	0	0	0	1	0	0	0	1
AT3G49940	0	0	0	0	0	0	-1	0	0	-1
AT3G49960	0	0	0	0	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G50070	-1	-1	-1	0	0	0	-1	0	0	-1
AT3G50120	0	0	0	0	0	1	0	0	0	1
AT3G50130	0	0	0	0	0	0	0	0	1	1
AT3G50140	1	1	0	0	0	1	0	0	1	1
AT3G50160	0	0	0	0	0	0	0	0	1	1
AT3G50190	0	0	0	0	0	1	0	0	0	1
AT3G50220	0	0	0	0	0	1	0	0	0	1
AT3G50230	0	0	0	0	0	-1	0	0	0	-1
AT3G50240	1	0	0	0	0	0	0	0	0	1
AT3G50260	0	0	0	0	0	1	0	0	0	1
AT3G50270	0	0	0	0	0	0	-1	0	0	-1
AT3G50300	0	0	0	0	0	-1	0	0	0	-1
AT3G50340	0	1	0	0	0	0	0	0	0	1
AT3G50350	0	0	0	0	0	0	1	0	0	1
AT3G50400	0	0	0	0	0	1	0	1	1	1
AT3G50460	0	0	0	0	0	0	0	1	0	1
AT3G50560	1	1	1	0	1	0	0	0	0	1
AT3G50570	1	1	0	0	0	1	0	0	0	1
AT3G50650	1	1	0	0	0	0	0	0	0	1
AT3G50660	-1	-1	-1	-1	0	-1	-1	-1	-1	-1
AT3G50685	0	0	0	0	0	0	-1	0	0	-1
AT3G50750	-1	-1	-1	0	0	0	-1	0	0	-1
AT3G50760	0	0	0	1	0	0	0	0	1	1
AT3G50770	0	0	0	1	0	0	0	0	0	1
AT3G50790	0	0	0	0	0	0	-1	0	0	-1
AT3G50800	0	0	0	0	0	0	0	-1	0	-1
AT3G50820	0	0	0	0	0	0	-1	0	0	-1
AT3G50830	0	0	1	0	0	0	1	0	0	1
AT3G50890	1	0	0	0	0	0	0	0	0	1
AT3G50920	0	0	0	0	0	0	-1	0	0	-1
AT3G50930	0	0	0	0	0	1	0	1	1	1
AT3G50950	0	0	0	1	0	0	0	0	0	1
AT3G50970	0	0	0	0	0	0	0	0	-1	-1
AT3G50980	0	0	0	0	0	-1	0	0	0	-1
AT3G51140	0	0	0	0	0	0	-1	0	0	-1
AT3G51160	0	0	0	0	0	0	1	0	0	1
AT3G51250	0	0	0	0	0	0	1	0	0	1
AT3G51260	0	0	0	0	0	0	1	0	0	1
AT3G51280	0	0	0	0	0	1	0	0	0	1
AT3G51290	-1	-1	0	0	0	0	0	0	0	-1
AT3G51370	0	0	-1	0	0	0	0	0	0	-1
AT3G51400	0	0	0	0	0	-1	-1	-1	-1	-1
AT3G51410	0	0	0	0	0	0	0	0	1	1
AT3G51420	0	0	0	0	0	0	-1	0	0	-1
AT3G51430	0	-1	0	0	0	0	0	0	0	-1
AT3G51450	-1	0	0	0	0	0	0	0	0	-1
AT3G51490	0	0	0	0	0	-1	0	0	0	-1
AT3G51510	0	0	0	0	0	0	-1	0	0	-1
AT3G51600	0	-1	0	-1	0	0	0	0	0	-1
AT3G51660	0	0	0	0	0	1	0	0	0	1
AT3G51670	0	0	0	0	0	0	1	0	0	1
AT3G51730	0	0	0	0	0	0	1	0	0	1
AT3G51820	0	0	0	0	0	0	-1	0	0	-1
AT3G51830	0	0	-1	0	0	0	0	0	0	-1
AT3G51870	0	0	0	0	0	0	-1	0	0	-1
AT3G51880	0	0	0	0	0	0	1	0	0	1
AT3G51920	0	0	0	1	0	0	0	0	0	1
AT3G51930	0	0	0	0	0	1	0	0	0	1
AT3G51950	0	0	0	0	0	0	1	0	0	1
AT3G51970	0	0	0	0	0	1	0	0	0	1
AT3G52070	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G52155	0	0	-1	0	0	0	-1	0	0	-1
AT3G52170	0	0	-1	0	0	0	0	0	0	-1
AT3G52220	0	0	0	0	0	0	1	0	0	1
AT3G52230	0	0	0	0	0	0	-1	0	0	-1
AT3G52340	0	0	0	0	0	0	-1	0	0	-1
AT3G52370	0	0	0	0	0	1	1	0	0	1
AT3G52380	0	0	0	0	0	0	-1	0	0	-1
AT3G52430	0	0	0	1	0	0	0	0	0	1
AT3G52460	0	0	0	0	0	1	1	0	0	1
AT3G52470	0	0	0	0	0	0	1	0	0	1
AT3G52480	0	0	0	1	0	0	0	0	0	1
AT3G52500	0	0	0	1	0	0	1	0	0	1
AT3G52520	0	0	0	0	0	1	0	0	0	1
AT3G52540	-1	0	0	0	0	0	0	0	0	-1
AT3G52610	0	0	-1	0	0	0	0	0	0	-1
AT3G52720	0	0	0	0	0	0	1	0	0	1
AT3G52750	0	0	0	0	0	0	-1	0	0	-1
AT3G52790	0	0	0	0	0	1	0	0	0	1
AT3G52820	0	0	0	0	0	1	0	0	0	1
AT3G52870	-1	0	-1	0	0	0	0	0	0	-1
AT3G52910	0	0	0	0	0	-1	-1	0	0	-1
AT3G52920	0	0	0	0	0	0	1	0	0	1
AT3G53010	0	0	0	0	0	1	0	0	0	1
AT3G53040	0	0	0	0	0	-1	0	0	0	-1
AT3G53130	0	0	-1	0	0	0	0	0	0	-1
AT3G53150	0	0	0	0	0	0	0	0	1	1
AT3G53160	0	0	0	0	0	0	0	0	1	1
AT3G53200	0	0	0	0	0	1	1	0	0	1
AT3G53380	0	0	0	0	0	0	-1	0	0	-1
AT3G53390	0	0	-1	0	0	0	0	0	0	-1
AT3G53420	0	0	0	0	0	0	1	0	0	1
AT3G53460	0	0	0	0	0	0	-1	0	0	-1
AT3G53470	0	0	0	0	0	0	-1	0	0	-1
AT3G53510	0	0	0	0	0	0	0	0	1	1
AT3G53600	0	0	0	0	0	0	0	0	1	1
AT3G53620	1	0	0	0	0	1	1	0	1	1
AT3G53650	0	0	1	0	0	0	0	0	0	1
AT3G53670	0	0	0	0	0	0	1	0	0	1
AT3G53680	0	0	0	0	0	1	0	0	0	1
AT3G53700	0	0	0	0	0	0	-1	0	0	-1
AT3G53810	0	0	1	0	0	0	0	0	0	1
AT3G53880	0	0	-1	0	0	0	0	0	0	-1
AT3G53920	0	0	-1	0	0	0	0	0	0	-1
AT3G53950	0	0	0	0	0	0	-1	0	0	-1
AT3G53980	0	0	0	0	0	-1	-1	0	-1	-1
AT3G53990	0	0	0	0	0	0	1	0	0	1
AT3G54000	1	1	0	0	0	0	1	0	0	1
AT3G54020	0	0	0	0	0	1	0	0	0	1
AT3G54030	0	1	0	0	0	0	0	0	0	1
AT3G54090	0	0	0	0	0	0	-1	0	0	-1
AT3G54120	0	0	0	0	0	1	0	0	0	1
AT3G54150	0	0	0	0	0	0	0	1	0	1
AT3G54210	0	0	0	0	0	0	-1	0	0	-1
AT3G54380	0	0	0	0	0	0	-1	0	0	-1
AT3G54400	0	0	0	0	0	1	1	0	0	1
AT3G54410	0	0	0	0	0	1	0	0	0	1
AT3G54420	0	0	0	0	0	1	0	0	0	1
AT3G54510	1	0	0	0	0	0	0	0	0	1
AT3G54520	0	0	0	0	0	1	0	0	0	1
AT3G54580	0	0	-1	0	0	-1	-0	0	0	-1
AT3G54590	0	0	0	0	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G54620	0	0	0	0	0	0	1	0	0	1
AT3G54630	0	0	0	0	0	0	1	0	0	1
AT3G54640	0	0	0	0	0	0	0	1	1	1
AT3G54690	1	1	1	0	0	0	0	0	0	1
AT3G54750	0	0	0	0	0	0	1	0	0	1
AT3G54770	0	0	0	0	0	1	1	0	0	1
AT3G54810	1	1	1	0	0	0	0	0	0	1
AT3G54830	0	0	0	0	0	1	0	1	1	1
AT3G54890	0	0	0	0	0	0	-1	-1	0	-1
AT3G54920	0	0	0	0	0	0	-1	0	0	-1
AT3G54940	0	0	0	0	0	-1	0	-1	0	-1
AT3G54970	0	0	0	0	0	0	-1	0	0	-1
AT3G55030	0	0	0	0	0	0	-1	0	0	-1
AT3G55070	0	0	-1	0	0	0	0	0	0	-1
AT3G55080	0	0	0	0	0	0	-1	0	0	-1
AT3G55090	0	0	0	0	0	0	0	1	0	1
AT3G55120	-1	-1	0	0	0	0	0	0	0	-1
AT3G55130	-1	-1	-1	0	0	0	0	0	0	-1
AT3G55230	0	0	0	0	0	1	0	0	1	1
AT3G55240	0	0	0	0	0	-1	0	0	0	-1
AT3G55250	0	0	0	0	0	0	-1	0	0	-1
AT3G55310	0	0	0	0	0	-1	0	0	0	-1
AT3G55330	0	0	0	0	0	0	-1	0	0	-1
AT3G55370	0	0	0	0	0	0	1	0	0	1
AT3G55390	0	0	-1	0	0	0	0	0	0	-1
AT3G55420	0	0	0	0	0	0	1	0	0	1
AT3G55460	0	0	0	0	0	0	-1	0	0	-1
AT3G55470	0	0	0	0	0	0	1	0	0	1
AT3G55660	0	0	0	0	0	1	0	0	0	1
AT3G55790	0	0	0	0	0	0	0	1	1	1
AT3G55830	0	0	0	0	0	0	1	0	0	1
AT3G55840	1	1	0	0	0	1	1	0	0	1
AT3G55880	0	0	0	0	0	1	0	0	0	1
AT3G55900	0	0	0	0	0	1	0	0	0	1
AT3G55920	0	0	-1	0	0	0	0	0	0	-1
AT3G55940	0	0	0	0	0	1	1	0	0	1
AT3G55950	0	0	0	0	0	1	1	0	0	1
AT3G55960	-1	-1	-1	0	0	0	0	0	0	-1
AT3G55970	0	0	0	0	0	0	0	0	1	1
AT3G55990	0	0	0	0	0	1	0	0	0	1
AT3G56000	1	1	0	0	0	1	0	0	0	1
AT3G56010	0	0	0	0	0	0	-1	0	0	-1
AT3G56020	0	0	0	0	0	0	-1	0	0	-1
AT3G56050	0	0	0	0	0	0	1	0	0	1
AT3G56100	0	0	0	0	0	1	0	0	0	1
AT3G56200	0	0	0	0	0	0	1	0	0	1
AT3G56210	0	0	0	0	0	1	0	0	0	1
AT3G56290	0	0	-1	0	0	0	0	0	0	-1
AT3G56340	0	0	0	0	0	0	-1	0	0	-1
AT3G56350	0	0	0	0	0	-1	0	0	0	-1
AT3G56360	0	0	0	0	0	0	-1	0	0	-1
AT3G56400	0	0	0	0	0	1	0	1	1	1
AT3G56480	0	0	0	0	0	0	1	0	0	1
AT3G56650	0	0	0	0	0	0	-1	0	0	-1
AT3G56680	0	0	0	0	0	0	-1	0	0	-1
AT3G56730	0	0	1	0	0	0	0	0	0	1
AT3G56830	0	0	0	0	0	0	-1	0	0	-1
AT3G56900	0	0	0	0	0	0	-1	0	0	-1
AT3G56910	0	0	0	0	0	0	-1	0	0	-1
AT3G56940	0	0	0	0	0	0	-1	0	0	-1
AT3G56970	0	0	0	0	0	0	0	0	-1	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G57010	-1	-1	-1	0	0	-1	0	-1	-1	-1
AT3G57020	0	0	0	0	0	-1	0	0	0	-1
AT3G57050	0	0	0	0	0	0	-1	0	0	-1
AT3G57070	0	0	0	0	0	0	1	0	0	1
AT3G57170	0	0	0	0	0	0	-1	0	0	-1
AT3G57240	0	0	0	1	0	0	0	0	0	1
AT3G57380	0	0	0	0	0	1	1	0	0	1
AT3G57420	0	0	1	0	0	0	0	0	0	1
AT3G57450	1	1	1	0	0	0	0	0	0	1
AT3G57510	0	0	0	0	0	1	0	0	0	1
AT3G57520	0	0	0	0	0	1	0	0	0	1
AT3G57530	0	0	0	0	0	0	1	0	0	1
AT3G57600	0	0	0	0	0	-1	0	0	0	-1
AT3G57630	0	0	0	0	0	0	1	0	0	1
AT3G57770	0	0	0	0	0	0	-1	0	0	-1
AT3G57780	1	1	0	0	0	0	0	0	0	1
AT3G57785	0	0	0	0	0	0	-1	0	0	-1
AT3G57800	0	0	0	0	0	0	-1	0	0	-1
AT3G57810	0	0	0	0	0	0	-1	0	0	-1
AT3G57880	-1	-1	0	0	0	0	-1	0	0	-1
AT3G58040	0	-1	0	0	0	0	0	0	0	-1
AT3G58060	0	0	0	0	0	1	0	0	0	1
AT3G58120	1	1	0	0	0	0	1	0	0	1
AT3G58140	0	0	0	0	0	0	-1	0	0	-1
AT3G58190	0	0	0	0	0	1	0	0	0	1
AT3G58450	0	0	0	0	0	-1	0	0	0	-1
AT3G58460	0	0	-1	0	0	0	0	0	0	-1
AT3G58470	0	0	0	0	0	0	-1	0	0	-1
AT3G58530	0	0	0	0	0	0	-1	0	0	-1
AT3G58600	0	0	0	0	0	0	1	0	0	1
AT3G58610	0	0	0	0	0	0	-1	0	0	-1
AT3G58620	0	1	1	0	0	0	0	0	0	1
AT3G58700	0	0	0	0	0	0	-1	0	0	-1
AT3G58790	1	1	0	0	0	0	0	0	0	1
AT3G58830	0	0	0	0	0	0	-1	0	0	-1
AT3G58850	0	0	0	0	0	1	0	0	0	1
AT3G58990	-1	0	0	0	0	0	0	0	0	-1
AT3G59010	0	0	0	0	0	0	1	0	0	1
AT3G59220	0	0	0	0	0	-1	0	0	0	-1
AT3G59340	0	0	0	0	0	-1	0	-1	0	-1
AT3G59350	1	1	0	0	0	0	0	0	0	1
AT3G59360	0	0	0	0	0	0	1	0	0	1
AT3G59380	0	0	0	0	0	0	-1	0	0	-1
AT3G59400	0	0	0	0	0	0	-1	0	0	-1
AT3G59440	0	0	0	0	0	1	0	0	0	1
AT3G59660	0	0	0	0	0	0	1	0	0	1
AT3G59690	0	0	0	0	0	0	1	0	0	1
AT3G59710	0	0	0	0	0	-1	-1	0	0	-1
AT3G59840	0	0	-1	0	0	0	0	0	0	-1
AT3G59880	0	0	0	0	0	1	0	0	0	1
AT3G59920	0	0	0	0	0	0	1	0	0	1
AT3G59930	0	0	0	0	0	-1	-1	0	0	-1
AT3G59980	0	0	0	0	0	0	-1	0	0	-1
AT3G60080	0	0	0	0	0	0	-1	0	0	-1
AT3G60130	0	0	0	0	0	0	1	0	0	1
AT3G60140	0	0	0	1	0	0	0	0	0	1
AT3G60160	0	0	-1	0	0	0	0	0	0	-1
AT3G60200	0	0	0	0	0	0	-1	0	0	-1
AT3G60210	0	0	0	0	0	0	-1	0	0	-1
AT3G60270	0	0	0	0	0	0	0	1	1	1
AT3G60280	0	0	0	-1	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G60330	0	0	0	0	0	-1	0	0	0	-1
AT3G60370	0	0	0	0	0	0	-1	0	0	-1
AT3G60390	-1	-1	0	0	0	0	0	0	0	-1
AT3G60480	0	0	0	0	0	0	-1	0	0	-1
AT3G60490	0	0	0	0	0	0	1	0	0	1
AT3G60530	0	-1	0	0	0	0	-1	0	0	-1
AT3G60690	-1	-1	0	0	0	0	0	0	0	-1
AT3G60700	0	0	0	0	0	1	0	0	0	1
AT3G60780	0	0	0	0	0	1	0	0	0	1
AT3G60840	0	0	0	0	0	1	0	0	0	1
AT3G60910	0	0	0	0	0	0	-1	0	0	-1
AT3G60980	0	0	0	0	0	0	-1	0	0	-1
AT3G61028	0	0	0	0	0	-1	0	0	0	-1
AT3G61080	0	0	0	0	0	0	-1	0	0	-1
AT3G61160	0	0	0	0	0	0	1	0	0	1
AT3G61260	0	0	0	0	0	0	1	0	0	1
AT3G61310	0	0	0	0	0	0	-1	0	0	-1
AT3G61390	0	0	0	0	0	1	0	0	0	1
AT3G61430	0	0	0	0	0	0	1	0	0	1
AT3G61460	-1	-1	-1	0	0	0	-1	0	0	-1
AT3G61470	0	0	0	0	0	0	-1	0	0	-1
AT3G61490	0	0	0	0	0	0	-1	0	0	-1
AT3G61510	0	0	0	0	0	-1	0	0	0	-1
AT3G61550	1	1	1	0	0	0	0	0	0	1
AT3G61580	0	0	0	0	0	0	-1	0	0	-1
AT3G61590	0	0	-1	0	0	0	0	0	0	-1
AT3G61620	0	0	0	-1	0	0	-1	0	0	-1
AT3G61640	0	0	0	0	0	0	-1	0	0	-1
AT3G61790	0	0	0	0	0	0	1	0	0	1
AT3G61810	0	0	0	0	0	1	0	0	0	1
AT3G61820	0	0	0	0	0	1	0	0	0	1
AT3G61870	0	0	0	0	0	0	-1	0	0	-1
AT3G61990	0	0	0	0	0	0	1	0	0	1
AT3G62000	0	0	0	0	0	0	-1	0	0	-1
AT3G62030	0	0	0	0	0	0	-1	0	0	-1
AT3G62070	0	0	0	0	0	1	0	0	0	1
AT3G62130	0	0	0	0	0	0	-1	0	0	-1
AT3G62160	0	0	0	0	0	1	0	0	0	1
AT3G62280	-1	-1	-1	0	0	0	0	0	0	-1
AT3G62410	0	0	0	0	0	0	-1	-1	0	-1
AT3G62550	-1	0	0	0	0	0	0	0	0	-1
AT3G62590	0	0	0	0	0	1	0	0	0	1
AT3G62600	0	0	0	0	0	0	1	0	0	1
AT3G62660	0	1	0	0	0	0	0	0	0	1
AT3G62680	0	0	0	0	0	-1	0	0	-1	-1
AT3G62720	1	1	0	0	0	0	0	0	0	1
AT3G62760	-1	-1	0	0	0	0	0	0	0	-1
AT3G62820	0	0	0	0	0	0	-1	0	0	-1
AT3G62860	0	0	0	0	0	0	1	0	0	1
AT3G62880	0	0	0	0	0	0	-1	0	0	-1
AT3G62980	0	0	0	0	0	0	-1	0	0	-1
AT3G63000	0	0	0	0	0	0	-1	0	0	-1
AT3G63088	0	0	0	0	0	-1	0	0	0	-1
AT3G63140	0	0	0	0	0	0	-1	0	0	-1
AT3G63160	0	0	0	0	0	0	-1	0	0	-1
AT3G63170	0	0	0	0	0	0	-1	0	0	-1
AT3G63200	0	-1	0	0	0	0	0	0	0	-1
AT3G63210	0	0	-1	0	0	0	0	0	0	-1
AT3G63220	0	0	-1	0	0	0	0	0	0	-1
AT3G63410	0	0	0	0	0	0	-1	0	0	-1
AT3G63470	0	0	0	0	0	1	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT3G63480	0	0	0	0	0	0	1	0	0	1
AT3G63510	0	0	-1	0	0	0	0	0	0	-1
AT4G00050	0	0	0	0	0	0	1	0	0	1
AT4G00234	0	0	0	0	0	0	1	0	0	1
AT4G00238	0	0	0	0	0	0	-1	0	0	-1
AT4G00250	0	0	0	0	0	0	-1	0	0	-1
AT4G00290	0	0	0	0	0	0	1	0	0	1
AT4G00320	0	0	0	0	0	1	0	0	0	1
AT4G00330	0	0	0	0	0	0	1	0	0	1
AT4G00360	1	1	1	1	0	1	1	0	0	1
AT4G00370	0	0	0	0	0	0	1	0	0	1
AT4G00400	0	0	0	0	0	1	1	0	0	1
AT4G00530	0	0	0	0	0	0	-1	0	0	-1
AT4G00560	0	0	0	0	0	0	-1	0	0	-1
AT4G00630	0	-1	0	0	0	0	0	0	0	-1
AT4G00680	0	0	0	0	0	-1	0	0	0	-1
AT4G00700	0	0	0	0	0	1	0	0	0	1
AT4G00740	0	0	0	0	0	0	1	0	0	1
AT4G00970	0	0	0	0	0	1	0	0	1	1
AT4G00990	0	0	-1	0	0	0	0	0	0	-1
AT4G01080	0	0	0	1	0	0	0	0	0	1
AT4G01120	0	0	1	0	0	0	1	0	0	1
AT4G01140	0	0	0	0	0	1	1	0	0	1
AT4G01150	0	0	0	0	0	0	-1	0	0	-1
AT4G01210	0	0	0	0	0	0	1	0	0	1
AT4G01250	0	0	0	0	0	0	-1	0	0	-1
AT4G01330	0	0	0	0	0	0	-1	0	0	-1
AT4G01430	0	0	0	0	0	1	0	0	0	1
AT4G01480	0	0	0	0	0	0	1	0	0	1
AT4G01525	0	0	0	0	0	-1	0	0	0	-1
AT4G01575	0	0	0	0	0	1	0	0	0	1
AT4G01580	0	0	0	0	0	0	-1	0	0	-1
AT4G01630	0	0	0	-1	0	0	0	0	-1	-1
AT4G01680	-1	-1	-1	-1	-1	-1	-1	0	-1	-1
AT4G01690	0	0	0	0	0	0	-1	0	0	-1
AT4G01730	0	0	0	0	0	1	0	0	0	1
AT4G01860	0	0	0	0	0	0	-1	0	0	-1
AT4G01870	-1	-1	0	-1	0	-1	0	0	0	-1
AT4G01950	1	1	1	1	1	1	1	0	1	1
AT4G01975	0	0	0	0	0	1	0	0	0	1
AT4G02060	0	0	0	0	0	0	1	0	0	1
AT4G02090	0	0	0	0	0	1	1	0	0	1
AT4G02130	1	1	0	0	0	0	0	0	0	1
AT4G02170	0	0	0	0	0	1	0	0	0	1
AT4G02220	0	0	-1	0	0	0	0	0	0	-1
AT4G02270	0	0	0	0	0	-1	0	0	-1	-1
AT4G02290	0	0	0	0	0	0	0	1	1	1
AT4G02330	0	1	1	1	1	1	0	0	0	1
AT4G02380	0	0	0	0	0	-1	-1	0	0	-1
AT4G02410	0	0	0	0	0	1	1	0	0	1
AT4G02520	0	0	0	0	0	0	0	1	0	1
AT4G02530	0	0	0	0	0	0	-1	0	0	-1
AT4G02650	0	0	0	0	0	-1	0	0	0	-1
AT4G02790	0	0	0	0	0	0	-1	-1	0	-1
AT4G02830	0	0	0	0	0	1	0	0	0	1
AT4G02850	-1	0	0	0	0	0	0	0	0	-1
AT4G02860	0	-1	-1	0	0	0	0	0	0	-1
AT4G02970	0	0	0	0	0	-1	0	0	0	-1
AT4G03070	1	1	0	0	0	1	1	0	0	1
AT4G03100	0	0	0	0	0	1	0	0	0	1
AT4G03110	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G03140	1	0	1	0	0	0	0	0	0	1
AT4G03150	0	0	0	0	0	0	-1	0	0	-1
AT4G03156	0	0	0	0	0	1	0	0	0	1
AT4G03210	0	0	0	0	0	-1	-1	0	0	-1
AT4G03280	0	0	0	0	0	0	-1	0	0	-1
AT4G03330	0	0	0	0	0	1	1	0	0	1
AT4G03340	0	0	0	0	0	0	-1	0	0	-1
AT4G03390	0	0	0	0	0	0	1	0	0	1
AT4G03400	1	1	1	1	0	0	0	0	0	1
AT4G03420	0	0	0	1	0	0	0	0	0	1
AT4G03470	0	0	0	0	0	-1	0	0	0	-1
AT4G03820	0	0	0	0	0	0	1	0	0	1
AT4G03950	0	0	0	0	0	1	0	1	0	1
AT4G04330	0	0	0	0	0	-1	0	0	0	-1
AT4G04410	0	0	0	0	0	-1	0	0	0	-1
AT4G04420	0	0	0	0	0	-1	0	0	0	-1
AT4G04423	0	0	0	0	0	-1	0	0	0	-1
AT4G04450	0	0	0	0	0	-1	0	0	0	-1
AT4G04610	-1	0	0	0	0	0	0	0	0	-1
AT4G04630	0	1	0	0	0	0	0	0	0	1
AT4G04640	0	0	0	0	0	0	-1	0	0	-1
AT4G04770	0	0	0	1	0	0	0	0	0	1
AT4G04840	0	0	0	0	0	-1	0	0	0	-1
AT4G04850	0	0	0	0	0	0	0	-1	0	-1
AT4G04955	0	0	0	0	0	0	1	0	0	1
AT4G04990	0	0	0	0	0	1	0	1	1	1
AT4G05100	0	0	0	0	0	0	1	0	0	1
AT4G05170	0	0	0	0	0	1	1	0	0	1
AT4G05180	0	0	0	0	0	0	-1	0	0	-1
AT4G05190	0	0	0	0	0	1	1	0	0	1
AT4G05410	0	0	-1	0	0	0	0	0	0	-1
AT4G05460	0	0	0	0	0	0	-1	0	0	-1
AT4G05520	0	0	0	0	0	1	0	0	0	1
AT4G07400	0	0	0	0	0	0	-1	0	0	-1
AT4G07812	0	0	0	0	0	-1	0	0	0	-1
AT4G07950	0	0	0	0	0	0	-1	0	0	-1
AT4G08040	-1	-1	0	0	0	-1	-1	-1	-1	-1
AT4G08150	0	0	0	0	0	0	1	0	0	1
AT4G08240	0	0	0	0	0	0	-1	0	0	-1
AT4G08280	0	0	0	0	0	0	-1	0	0	-1
AT4G08290	0	0	0	0	0	0	1	0	0	1
AT4G08300	0	0	0	0	0	0	1	0	0	1
AT4G08360	0	0	0	0	0	1	0	0	1	1
AT4G08400	0	0	0	0	0	-1	0	0	0	-1
AT4G08410	0	0	0	0	0	-1	0	0	0	-1
AT4G08620	0	1	0	0	0	0	0	0	0	1
AT4G08780	0	0	0	0	0	-1	0	0	0	-1
AT4G08870	0	0	0	0	0	0	-1	0	0	-1
AT4G08900	0	0	0	0	0	0	-1	0	0	-1
AT4G08950	1	1	1	1	1	0	0	0	0	1
AT4G08980	0	0	0	0	0	0	-1	0	0	-1
AT4G08990	0	0	0	0	0	-1	0	0	0	-1
AT4G09010	0	0	0	0	0	0	-1	0	0	-1
AT4G09110	0	0	0	0	0	1	0	0	0	1
AT4G09380	0	0	0	0	0	-1	0	0	0	-1
AT4G09420	0	0	0	0	0	1	0	0	0	1
AT4G09460	1	1	1	0	0	0	0	0	0	1
AT4G09550	0	0	0	0	0	0	-1	0	0	-1
AT4G09580	0	0	0	0	0	0	1	0	0	1
AT4G09600	0	0	1	0	0	-1	0	0	0	-1
AT4G09620	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G09650	0	0	0	0	0	0	-1	0	0	-1
AT4G09680	0	0	-1	0	0	0	0	0	0	-1
AT4G09740	0	0	0	0	0	1	0	0	0	1
AT4G09800	0	0	0	0	0	0	-1	0	0	-1
AT4G09890	1	1	1	1	0	0	1	0	0	1
AT4G10030	0	0	0	0	0	0	-1	0	0	-1
AT4G10090	0	0	0	0	0	0	-1	0	0	-1
AT4G10120	0	0	0	0	0	1	0	0	0	1
AT4G10150	0	0	0	0	0	1	1	0	0	1
AT4G10160	0	0	0	0	0	1	1	0	1	1
AT4G10300	0	0	0	0	0	0	-1	0	0	-1
AT4G10340	0	0	0	0	0	0	-1	0	0	-1
AT4G10480	0	0	0	0	0	0	-1	0	0	-1
AT4G10500	0	0	0	0	0	0	0	0	1	1
AT4G10510	0	0	0	0	0	1	0	0	0	1
AT4G10610	0	0	0	0	0	0	-1	0	0	-1
AT4G10640	0	0	0	0	0	-1	0	0	0	-1
AT4G10770	0	1	0	0	0	0	1	0	0	1
AT4G10830	0	0	0	0	0	1	0	0	0	1
AT4G10955	0	0	0	0	0	0	1	0	0	1
AT4G10960	0	0	0	0	0	0	1	0	0	1
AT4G11000	0	0	0	0	0	1	0	1	1	1
AT4G11020	0	0	0	0	0	1	0	0	0	1
AT4G11070	0	0	0	0	0	0	0	0	1	1
AT4G11090	0	0	-1	0	0	0	0	0	0	-1
AT4G11100	0	0	0	0	0	0	-1	0	0	-1
AT4G11140	0	0	0	0	0	-1	0	0	0	-1
AT4G11170	0	0	0	0	0	1	0	1	1	1
AT4G11175	0	0	0	0	0	0	-1	0	0	-1
AT4G11190	0	0	0	0	0	1	1	0	0	1
AT4G11211	0	0	0	0	0	1	0	0	0	1
AT4G11260	0	0	0	0	0	0	1	0	0	1
AT4G11280	1	1	1	0	0	1	1	0	0	1
AT4G11290	0	0	0	0	0	0	1	0	0	1
AT4G11330	0	0	0	0	0	1	0	0	0	1
AT4G11340	0	0	0	0	0	0	0	0	1	1
AT4G11460	0	0	0	0	0	-1	0	0	0	-1
AT4G11470	0	0	0	0	0	0	0	1	0	1
AT4G11500	0	0	0	0	0	0	0	0	1	1
AT4G11521	0	0	0	0	0	0	0	0	1	1
AT4G11530	0	0	0	0	0	0	1	0	0	1
AT4G11640	0	0	0	0	0	0	-1	0	0	-1
AT4G11650	0	0	0	0	0	0	0	0	1	1
AT4G11850	0	0	0	0	0	0	1	0	0	1
AT4G11890	0	0	0	0	0	0	0	1	0	1
AT4G12170	0	0	0	0	0	-1	0	0	0	-1
AT4G12310	0	0	0	0	0	0	-1	0	0	-1
AT4G12320	0	0	0	0	0	0	-1	0	0	-1
AT4G12390	-1	-1	0	0	0	0	0	0	0	-1
AT4G12410	0	0	0	0	0	-1	0	-1	-1	-1
AT4G12470	0	0	0	0	0	1	0	0	0	1
AT4G12480	0	0	0	0	0	0	0	1	1	1
AT4G12500	0	0	0	0	0	0	0	1	1	1
AT4G12510	0	0	0	0	0	1	1	0	0	1
AT4G12545	0	0	0	0	0	-1	0	0	0	-1
AT4G12550	0	0	0	0	0	-1	0	-1	-1	-1
AT4G12580	0	0	1	0	0	0	0	0	0	1
AT4G12720	0	0	0	1	0	0	1	1	0	1
AT4G12730	1	1	0	1	0	1	1	0	0	1
AT4G12800	0	0	0	0	0	0	-1	0	0	-1
AT4G12850	0	0	0	1	0	0	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G12970	0	0	0	0	0	0	-1	0	0	-1
AT4G12980	0	0	0	0	0	0	1	0	0	1
AT4G13000	0	0	0	1	0	0	0	0	0	1
AT4G13030	0	0	0	0	0	0	1	0	0	1
AT4G13090	0	0	0	0	0	0	0	0	1	1
AT4G13095	0	0	0	0	0	0	0	0	1	1
AT4G13220	0	0	0	0	0	0	-1	0	0	-1
AT4G13250	0	0	0	0	0	0	1	0	0	1
AT4G13290	0	0	0	1	0	0	0	0	0	1
AT4G13300	0	0	0	0	0	1	0	0	1	1
AT4G13310	0	0	0	1	0	0	0	0	0	1
AT4G13340	1	1	1	1	0	0	0	0	0	1
AT4G13500	0	0	0	0	0	0	-1	0	0	-1
AT4G13510	0	0	0	1	0	0	0	0	0	1
AT4G13580	0	0	0	0	0	1	1	0	0	1
AT4G13590	0	0	0	0	0	0	1	0	0	1
AT4G13640	0	0	0	0	0	0	-1	0	0	-1
AT4G13660	0	0	0	0	0	0	1	0	0	1
AT4G13700	0	0	0	1	0	0	0	0	0	1
AT4G13710	0	0	0	0	0	0	1	0	0	1
AT4G13720	0	0	0	0	0	0	-1	0	0	-1
AT4G13770	-1	0	0	0	0	0	0	0	0	-1
AT4G13790	0	0	0	1	0	0	1	0	0	1
AT4G13860	0	0	0	0	0	-1	0	0	0	-1
AT4G13890	0	0	0	1	0	1	0	0	0	1
AT4G14000	0	0	0	0	0	0	-1	0	0	-1
AT4G14096	0	0	0	0	0	0	-1	0	0	-1
AT4G14100	0	0	-1	0	0	0	-1	0	0	-1
AT4G14103	0	0	0	0	0	0	-1	0	0	-1
AT4G14140	0	0	0	0	0	-1	0	0	0	-1
AT4G14210	0	0	0	0	0	0	-1	0	0	-1
AT4G14270	0	0	0	0	0	0	-1	0	0	-1
AT4G14300	0	0	-1	0	0	0	0	0	0	-1
AT4G14330	0	0	0	0	0	1	0	0	0	1
AT4G14360	0	0	1	0	0	0	0	0	0	1
AT4G14365	0	0	0	0	1	1	0	1	1	1
AT4G14370	0	0	0	0	0	1	0	0	0	1
AT4G14385	0	0	-1	0	0	0	0	0	0	-1
AT4G14390	0	0	0	1	0	0	0	0	0	1
AT4G14400	0	0	0	1	0	0	0	0	0	1
AT4G14430	0	0	0	0	0	0	-1	0	0	-1
AT4G14440	0	0	0	1	0	0	0	0	0	1
AT4G14465	0	0	0	0	0	0	1	0	0	1
AT4G14550	0	0	0	0	0	0	1	0	0	1
AT4G14580	0	0	0	0	0	1	0	0	0	1
AT4G14615	0	0	0	0	0	0	-1	0	0	-1
AT4G14630	0	0	0	0	0	0	0	1	1	1
AT4G14640	0	0	0	1	0	1	0	0	1	1
AT4G14660	0	0	0	0	0	0	-1	0	0	-1
AT4G14680	1	0	0	0	0	0	0	0	0	1
AT4G14690	0	0	0	-1	0	0	0	-1	0	-1
AT4G14720	0	0	0	0	0	0	-1	0	0	-1
AT4G14746	0	0	0	0	0	1	0	0	0	1
AT4G14750	0	0	1	0	0	0	1	0	0	1
AT4G14790	0	0	0	0	0	1	0	0	0	1
AT4G14870	0	0	0	0	0	0	-1	0	0	-1
AT4G14890	0	0	0	0	0	0	-1	0	0	-1
AT4G15093	0	0	0	0	0	0	1	0	0	1
AT4G15110	0	0	0	0	0	0	0	-1	-1	-1
AT4G15230	0	0	0	0	0	0	0	-1	0	-1
AT4G15393	0	0	0	0	0	-1	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G15396	0	0	0	0	0	-1	0	0	0	-1
AT4G15417	0	0	0	0	0	1	0	0	0	1
AT4G15470	0	0	0	0	0	0	1	0	0	1
AT4G15490	0	0	0	0	0	-1	0	0	0	-1
AT4G15510	0	0	0	0	0	0	-1	0	0	-1
AT4G15520	0	0	0	0	0	0	-1	0	0	-1
AT4G15550	-1	-1	0	-1	0	0	0	0	0	-1
AT4G15610	0	0	0	1	0	1	1	0	0	1
AT4G15620	0	0	0	0	0	-1	0	0	0	-1
AT4G15630	0	1	0	1	0	0	0	0	0	1
AT4G15700	0	0	0	0	0	0	-1	0	0	-1
AT4G15800	1	1	1	0	0	1	1	0	0	1
AT4G15830	0	0	0	0	0	0	1	0	0	1
AT4G15910	0	0	0	0	0	-1	-1	0	0	-1
AT4G16000	0	0	0	0	0	0	1	0	0	1
AT4G16146	0	0	-1	0	0	0	0	0	0	-1
AT4G16162	0	0	0	0	0	1	0	0	0	1
AT4G16190	0	0	0	1	0	0	0	0	0	1
AT4G16215	0	0	0	0	0	1	0	0	0	1
AT4G16260	0	0	0	0	0	0	0	0	1	1
AT4G16270	0	0	0	0	0	-1	0	0	0	-1
AT4G16330	0	0	0	0	0	0	-1	0	0	-1
AT4G16370	-1	0	0	-1	0	0	-1	0	0	-1
AT4G16390	0	0	0	0	0	0	-1	0	0	-1
AT4G16400	0	0	0	0	0	0	-1	0	0	-1
AT4G16410	0	0	0	0	0	0	-1	0	0	-1
AT4G16480	0	0	0	0	0	0	-1	0	0	-1
AT4G16515	1	1	1	0	0	1	1	0	0	1
AT4G16563	1	1	1	0	0	0	0	0	0	1
AT4G16620	0	0	0	0	0	1	0	0	0	1
AT4G16640	0	0	0	0	0	1	0	0	0	1
AT4G16670	0	-1	-1	0	0	0	0	0	0	-1
AT4G16720	0	0	0	0	0	0	-1	0	0	-1
AT4G16750	0	0	0	0	0	0	-1	0	0	-1
AT4G16780	0	-1	0	0	0	0	0	0	0	-1
AT4G16870	0	0	0	0	0	1	0	0	0	1
AT4G16890	0	0	0	0	0	0	-1	0	0	-1
AT4G16920	0	0	0	0	0	0	-1	0	0	-1
AT4G17060	0	0	0	0	0	0	-1	0	0	-1
AT4G17070	0	0	0	1	0	0	0	0	0	1
AT4G17090	0	0	0	1	0	0	0	0	0	1
AT4G17170	0	0	0	0	0	0	1	0	0	1
AT4G17210	0	0	0	0	0	1	0	0	0	1
AT4G17215	0	0	0	0	0	1	0	0	0	1
AT4G17220	0	0	0	0	0	1	0	0	0	1
AT4G17245	0	0	0	0	0	0	-1	0	0	-1
AT4G17280	0	0	0	0	0	1	1	0	0	1
AT4G17330	0	0	0	0	0	0	1	0	0	1
AT4G17340	0	0	0	0	0	1	1	0	0	1
AT4G17380	0	0	0	0	0	1	0	0	0	1
AT4G17470	0	0	0	0	0	0	1	0	0	1
AT4G17483	0	0	0	0	0	1	0	0	0	1
AT4G17490	0	0	0	0	0	1	0	1	0	1
AT4G17600	0	0	0	0	0	0	-1	0	0	-1
AT4G17615	0	0	0	0	0	0	1	0	0	1
AT4G17660	0	0	0	1	0	0	0	0	0	1
AT4G17670	0	0	0	0	0	1	1	0	0	1
AT4G17680	0	0	0	0	0	1	0	0	0	1
AT4G17770	0	0	0	0	0	0	1	0	0	1
AT4G17800	0	0	0	0	0	0	1	0	0	1
AT4G17870	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G17940	0	0	0	-1	0	0	0	0	0	-1
AT4G18010	0	0	-1	0	0	0	0	0	0	-1
AT4G18030	0	1	1	0	0	0	1	0	0	1
AT4G18130	-1	-1	-1	0	0	0	0	0	0	-1
AT4G18170	0	0	0	0	0	1	0	0	0	1
AT4G18195	0	0	0	0	0	0	0	1	0	1
AT4G18197	0	0	0	0	0	1	0	1	0	1
AT4G18205	0	0	0	0	0	1	0	1	0	1
AT4G18230	0	0	0	0	0	0	-1	0	0	-1
AT4G18250	0	0	0	0	0	0	0	1	1	1
AT4G18280	0	0	0	0	0	1	1	0	0	1
AT4G18370	0	0	0	0	0	0	-1	0	0	-1
AT4G18390	0	0	0	0	0	0	-1	0	0	-1
AT4G18400	0	0	0	0	0	0	-1	0	0	-1
AT4G18425	0	0	0	0	0	1	1	0	1	1
AT4G18430	0	0	0	1	0	1	1	1	0	1
AT4G18480	0	0	0	0	0	0	-1	0	0	-1
AT4G18510	-1	-1	0	0	0	-1	0	-1	-1	-1
AT4G18520	0	0	0	0	0	0	-1	0	0	-1
AT4G18530	0	0	0	0	0	0	1	0	0	1
AT4G18550	0	0	0	0	0	1	1	0	1	1
AT4G18610	0	0	0	0	0	0	1	0	0	1
AT4G18640	0	0	0	0	0	0	1	0	0	1
AT4G18910	0	0	0	1	0	0	1	0	0	1
AT4G18930	0	0	0	0	0	0	1	0	0	1
AT4G18970	1	1	1	1	0	1	1	0	0	1
AT4G18990	0	0	0	0	0	0	0	0	1	1
AT4G19030	0	0	0	0	0	-1	0	0	0	-1
AT4G19120	1	1	0	1	0	0	1	0	0	1
AT4G19370	0	0	0	0	0	1	0	1	1	1
AT4G19380	0	1	0	0	0	1	1	0	0	1
AT4G19410	0	0	0	0	0	0	-1	0	0	-1
AT4G19420	1	1	0	1	0	0	1	0	0	1
AT4G19530	0	0	0	0	0	-1	0	0	0	-1
AT4G19540	0	0	0	0	0	0	-1	0	0	-1
AT4G19670	0	0	0	0	0	0	1	0	0	1
AT4G19680	0	0	0	0	0	-1	0	0	0	-1
AT4G19720	0	0	0	1	0	0	0	0	0	1
AT4G19750	0	0	0	1	0	0	0	0	0	1
AT4G19760	0	0	0	1	0	0	0	0	0	1
AT4G19820	0	-1	0	0	0	0	0	0	0	-1
AT4G19830	0	0	0	0	0	0	-1	0	0	-1
AT4G19860	0	0	-1	0	0	0	0	0	0	-1
AT4G19865	0	0	0	0	0	0	-1	0	0	-1
AT4G19960	0	0	0	0	0	1	0	0	0	1
AT4G19985	0	0	0	0	0	0	-1	0	0	-1
AT4G20000	0	0	0	0	0	0	0	1	0	1
AT4G20030	0	0	0	0	0	0	-1	0	0	-1
AT4G20070	0	-1	-1	0	0	0	0	0	0	-1
AT4G20110	0	0	0	0	0	0	1	0	0	1
AT4G20170	0	1	0	1	0	0	0	0	0	1
AT4G20210	0	0	0	0	0	-1	0	0	0	-1
AT4G20260	0	0	0	1	0	1	1	0	0	1
AT4G20270	0	0	0	0	0	0	1	0	0	1
AT4G20320	0	0	0	0	0	0	1	0	0	1
AT4G20360	0	0	0	0	0	0	-1	0	0	-1
AT4G20362	0	0	0	0	0	1	0	0	0	1
AT4G20390	0	0	0	0	0	0	0	1	1	1
AT4G20780	1	1	0	0	0	1	1	1	0	1
AT4G20820	0	0	0	0	0	1	1	0	0	1
AT4G20860	0	0	0	1	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G20890	0	0	0	0	0	0	1	0	0	1
AT4G21020	0	0	0	0	0	-1	0	0	0	-1
AT4G21110	0	0	0	0	0	0	-1	0	0	-1
AT4G21120	0	0	0	0	0	1	0	0	0	1
AT4G21200	0	0	0	1	0	0	0	0	1	1
AT4G21240	0	0	0	1	0	0	0	0	0	1
AT4G21270	0	0	0	0	0	1	0	0	0	1
AT4G21280	0	0	0	0	0	0	-1	0	0	-1
AT4G21340	0	0	0	0	0	1	0	0	0	1
AT4G21380	0	0	0	1	0	1	0	1	0	1
AT4G21390	0	0	0	0	0	1	1	1	1	1
AT4G21480	0	0	0	0	0	0	-1	0	0	-1
AT4G21490	0	0	0	0	0	1	0	0	0	1
AT4G21510	0	0	0	0	0	0	-1	0	0	-1
AT4G21600	0	0	0	0	0	0	1	0	0	1
AT4G21610	0	0	0	0	0	0	-1	0	0	-1
AT4G21620	0	0	0	1	0	0	0	0	0	1
AT4G21650	0	0	0	0	0	-1	0	0	0	-1
AT4G21740	0	0	0	0	0	1	0	0	0	1
AT4G21745	0	0	0	0	0	1	0	0	0	1
AT4G21800	0	0	0	0	0	0	1	0	0	1
AT4G21830	0	0	0	1	0	1	1	0	0	1
AT4G21840	0	0	0	0	0	1	1	1	0	1
AT4G21850	1	1	0	1	0	1	1	0	1	1
AT4G21860	0	0	0	0	0	0	-1	0	0	-1
AT4G21903	0	0	0	0	0	0	0	1	0	1
AT4G21960	0	0	0	0	0	0	1	0	0	1
AT4G21990	0	-1	0	0	0	0	0	0	0	-1
AT4G22010	0	1	1	0	0	0	1	0	0	1
AT4G22080	0	0	0	0	0	-1	0	0	0	-1
AT4G22160	0	0	0	0	0	0	-1	0	0	-1
AT4G22190	0	0	0	0	0	0	-1	0	0	-1
AT4G22200	-1	-1	0	-1	0	0	0	0	0	-1
AT4G22212	0	0	0	0	0	-1	0	0	0	-1
AT4G22214	0	0	0	0	0	-1	0	0	0	-1
AT4G22230	0	0	0	0	0	-1	0	0	0	-1
AT4G22460	0	0	0	0	0	1	1	0	0	1
AT4G22470	-1	-1	0	0	0	0	0	0	0	-1
AT4G22485	0	0	0	0	0	-1	0	0	0	-1
AT4G22505	0	0	0	0	0	-1	0	0	0	-1
AT4G22530	0	0	0	0	0	0	0	0	1	1
AT4G22590	0	1	0	0	0	0	0	1	0	1
AT4G22620	0	0	0	0	0	0	0	0	-1	-1
AT4G22640	0	0	0	0	0	0	0	0	1	1
AT4G22666	0	0	0	0	0	-1	0	0	0	-1
AT4G22690	0	0	0	0	0	1	0	1	0	1
AT4G22710	0	0	0	0	0	1	0	1	0	1
AT4G22730	0	1	0	0	0	1	0	0	0	1
AT4G22753	0	0	0	0	0	1	0	0	0	1
AT4G22780	0	1	0	0	0	0	1	0	0	1
AT4G22810	0	0	0	0	0	1	0	0	0	1
AT4G22820	0	0	0	0	0	0	1	0	0	1
AT4G22890	0	0	0	0	0	0	-1	0	0	-1
AT4G22920	0	0	0	0	0	0	1	0	0	1
AT4G22930	0	0	0	0	0	0	-1	0	0	-1
AT4G23010	0	0	0	1	0	0	0	0	0	1
AT4G23030	0	1	0	0	0	0	0	0	0	1
AT4G23070	1	1	0	0	0	0	0	0	0	1
AT4G23100	0	0	0	0	0	0	1	0	0	1
AT4G23130	0	0	0	1	0	0	0	0	0	1
AT4G23150	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G23170	0	0	0	0	0	0	0	1	1	1
AT4G23180	1	1	0	0	0	1	0	1	0	1
AT4G23190	0	0	0	0	0	1	0	1	0	1
AT4G23210	0	0	0	1	0	0	0	0	0	1
AT4G23215	0	0	0	0	0	0	0	0	1	1
AT4G23220	0	0	0	0	0	0	0	0	1	1
AT4G23240	0	0	0	0	0	1	0	0	0	1
AT4G23250	0	0	0	1	0	0	0	0	0	1
AT4G23270	0	0	0	0	0	0	1	0	0	1
AT4G23280	0	0	0	0	0	0	0	1	0	1
AT4G23290	1	1	0	0	0	0	0	0	0	1
AT4G23400	0	0	0	0	0	0	1	0	0	1
AT4G23450	0	0	0	0	0	1	1	0	0	1
AT4G23560	0	0	0	0	0	1	0	1	0	1
AT4G23590	0	0	0	0	0	-1	0	0	0	-1
AT4G23620	0	0	-1	0	0	0	0	0	0	-1
AT4G23670	0	0	0	0	0	0	1	0	0	1
AT4G23690	0	0	0	0	0	0	1	0	0	1
AT4G23700	0	0	0	0	0	1	0	0	0	1
AT4G23710	0	0	0	0	0	0	1	0	0	1
AT4G23810	0	0	0	1	0	1	0	1	0	1
AT4G23840	0	0	0	0	0	0	-1	0	0	-1
AT4G23885	0	0	0	0	0	0	1	0	0	1
AT4G23940	0	0	0	-1	0	0	0	0	0	-1
AT4G24040	0	0	0	-1	0	0	0	0	0	-1
AT4G24120	0	0	0	1	0	0	0	0	0	1
AT4G24140	0	0	0	0	0	0	0	0	1	1
AT4G24150	0	0	0	0	0	1	0	0	0	1
AT4G24160	0	0	0	0	0	0	0	0	1	1
AT4G24180	0	0	0	0	0	1	0	0	0	1
AT4G24265	0	0	0	0	0	1	0	0	0	1
AT4G24290	0	0	0	0	0	0	1	0	0	1
AT4G24340	0	0	0	0	0	-1	0	0	0	-1
AT4G24350	0	0	0	0	0	0	0	-1	0	-1
AT4G24450	0	0	0	0	0	-1	0	0	0	-1
AT4G24510	1	1	1	1	0	0	0	0	0	1
AT4G24570	1	1	0	0	0	1	0	0	0	1
AT4G24630	0	0	0	0	0	0	1	0	0	1
AT4G24660	0	0	0	0	0	0	-1	0	0	-1
AT4G24730	0	0	0	0	0	0	-1	0	0	-1
AT4G24750	0	0	0	0	0	0	-1	0	0	-1
AT4G24760	0	1	0	0	0	0	1	0	0	1
AT4G24770	0	0	0	0	0	0	-1	0	0	-1
AT4G24790	-1	0	0	0	0	0	0	0	0	-1
AT4G24970	0	0	0	1	0	0	0	0	0	1
AT4G25050	0	0	0	0	0	0	-1	0	0	-1
AT4G25080	0	0	0	0	0	0	-1	0	0	-1
AT4G25100	0	0	0	0	0	-1	0	0	0	-1
AT4G25110	0	0	0	0	0	0	0	1	0	1
AT4G25140	0	0	0	0	0	-1	0	0	0	-1
AT4G25200	0	0	0	0	0	0	0	0	1	1
AT4G25220	0	0	0	0	0	-1	0	0	0	-1
AT4G25240	0	0	-1	0	0	0	0	0	0	-1
AT4G25250	0	1	0	0	0	0	0	0	0	1
AT4G25260	1	0	0	1	0	0	1	0	0	1
AT4G25410	0	0	0	0	0	-1	0	0	0	-1
AT4G25420	0	0	0	0	0	1	1	0	0	1
AT4G25433	0	0	0	0	0	0	0	-1	0	-1
AT4G25450	0	0	0	0	0	0	-1	0	0	-1
AT4G25470	0	0	0	0	0	0	-1	0	0	-1
AT4G25500	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G25560	0	0	0	0	0	0	0	1	1	1
AT4G25620	0	-1	-1	0	0	0	0	0	0	-1
AT4G25650	0	0	0	0	0	0	-1	0	0	-1
AT4G25680	0	0	0	0	0	0	1	0	0	1
AT4G25700	0	0	-1	0	0	0	-1	0	0	-1
AT4G25720	0	0	0	0	0	0	1	0	0	1
AT4G25740	0	0	0	0	0	0	-1	0	0	-1
AT4G25780	-1	-1	-1	0	0	0	0	0	0	-1
AT4G25810	1	1	1	1	0	1	0	0	0	1
AT4G25820	0	0	0	0	0	1	0	0	0	1
AT4G25830	0	1	0	0	0	0	1	0	0	1
AT4G25900	0	0	0	0	0	0	1	0	0	1
AT4G25910	0	0	0	0	0	0	-1	0	0	-1
AT4G26010	0	0	0	0	0	-1	0	0	0	-1
AT4G26050	0	0	0	0	0	1	0	0	0	1
AT4G26140	0	0	0	0	0	0	1	0	0	1
AT4G26150	0	0	0	0	0	0	0	-1	0	-1
AT4G26220	0	0	0	0	0	-1	0	0	0	-1
AT4G26250	0	0	0	1	0	0	0	0	0	1
AT4G26260	1	0	0	0	0	0	0	1	1	1
AT4G26320	0	1	0	0	0	1	1	0	1	1
AT4G26390	0	0	0	0	0	0	-1	0	0	-1
AT4G26400	0	0	0	0	0	0	-1	0	0	-1
AT4G26480	0	0	0	0	0	0	-1	0	0	-1
AT4G26490	0	1	0	0	0	0	0	0	0	1
AT4G26520	0	0	0	0	0	0	-1	0	0	-1
AT4G26530	-1	0	0	0	0	0	0	0	0	-1
AT4G26555	0	0	0	0	0	0	-1	0	0	-1
AT4G26660	0	0	0	0	0	1	0	0	0	1
AT4G26670	0	0	0	0	0	0	-1	0	0	-1
AT4G26690	1	1	0	0	0	0	1	0	0	1
AT4G26940	0	0	0	0	0	0	1	0	0	1
AT4G26950	0	0	0	1	0	0	0	0	0	1
AT4G27120	0	0	-1	0	0	0	0	0	0	-1
AT4G27150	0	0	0	0	0	-1	0	0	0	-1
AT4G27160	0	0	0	0	0	0	0	0	-1	-1
AT4G27170	0	0	0	-1	0	0	0	0	0	-1
AT4G27180	0	0	0	0	0	0	1	0	0	1
AT4G27240	0	0	0	0	0	0	-1	0	0	-1
AT4G27260	-1	-1	-1	0	0	0	-1	0	0	-1
AT4G27280	0	0	1	1	0	0	0	0	0	1
AT4G27300	0	0	0	0	0	1	0	1	1	1
AT4G27410	-1	-1	-1	0	0	0	-1	0	0	-1
AT4G27430	0	1	0	0	0	0	1	0	0	1
AT4G27450	0	0	0	-1	0	0	0	0	0	-1
AT4G27520	0	-1	0	0	0	0	-1	0	0	-1
AT4G27590	0	0	0	0	0	1	0	0	0	1
AT4G27600	0	0	0	0	0	0	-1	0	0	-1
AT4G27657	0	0	0	0	0	0	-1	0	0	-1
AT4G27700	0	0	0	0	0	0	0	-1	0	-1
AT4G27710	0	0	0	-1	0	0	0	0	0	-1
AT4G27720	1	1	0	1	0	0	0	0	0	1
AT4G27750	0	0	0	0	0	0	-1	0	0	-1
AT4G27800	0	0	0	0	0	0	-1	0	0	-1
AT4G27860	0	0	0	0	0	0	1	0	0	1
AT4G27950	0	0	0	0	0	-1	0	0	0	-1
AT4G27970	1	1	1	0	0	0	0	0	0	1
AT4G28085	0	0	0	0	0	1	0	1	0	1
AT4G28170	0	0	0	0	0	-1	0	0	0	-1
AT4G28180	0	0	0	0	0	0	-1	0	0	-1
AT4G28190	0	0	0	0	0	-1	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G28210	0	0	0	0	0	0	-1	0	0	-1
AT4G28230	0	0	0	0	0	1	1	0	0	1
AT4G28240	-1	-1	-1	0	0	0	-1	0	0	-1
AT4G28270	1	0	0	1	0	0	0	0	0	1
AT4G28350	0	0	0	0	0	1	0	0	0	1
AT4G28460	0	0	0	0	0	1	0	1	1	1
AT4G28490	0	0	0	0	0	1	0	0	0	1
AT4G28520	0	0	0	-1	0	-1	0	0	0	-1
AT4G28530	0	0	0	0	0	1	1	0	0	1
AT4G28610	0	0	-1	0	0	0	0	0	0	-1
AT4G28660	0	0	0	0	0	0	-1	-1	0	-1
AT4G28703	0	0	0	0	0	0	-1	0	0	-1
AT4G28706	0	0	0	0	0	0	-1	0	0	-1
AT4G28740	0	0	0	0	0	0	-1	0	0	-1
AT4G28750	0	0	0	0	0	0	-1	0	0	-1
AT4G28770	0	0	0	0	0	0	1	0	0	1
AT4G28830	0	0	0	0	0	0	-1	0	0	-1
AT4G28840	0	0	0	0	0	-1	0	0	0	-1
AT4G28850	0	0	0	0	0	-1	0	0	0	-1
AT4G28890	0	0	0	0	0	0	1	0	0	1
AT4G28900	0	0	0	0	0	1	0	0	0	1
AT4G29020	0	0	0	1	0	0	1	0	0	1
AT4G29030	0	0	0	0	0	0	-1	0	0	-1
AT4G29050	0	0	0	0	0	1	0	0	0	1
AT4G29070	-1	-1	0	0	0	0	0	0	0	-1
AT4G29080	0	0	0	0	0	-1	-1	0	0	-1
AT4G29140	0	0	0	0	0	0	-1	0	0	-1
AT4G29210	0	0	0	0	0	0	1	0	0	1
AT4G29220	0	0	0	0	0	0	1	0	0	1
AT4G29340	0	0	0	0	0	1	0	0	0	1
AT4G29350	0	0	0	0	0	0	1	0	0	1
AT4G29370	0	0	0	0	0	-1	-1	0	0	-1
AT4G29670	0	0	0	0	0	0	-1	0	0	-1
AT4G29700	0	0	0	0	0	0	1	0	0	1
AT4G29810	0	0	0	0	0	0	1	0	0	1
AT4G29840	0	0	0	0	0	0	-1	0	0	-1
AT4G29890	0	0	0	0	0	0	-1	0	0	-1
AT4G30060	0	0	0	0	0	0	1	0	1	1
AT4G30080	-1	-1	0	0	0	0	0	0	0	-1
AT4G30100	0	0	0	0	0	0	1	0	0	1
AT4G30160	0	0	0	0	0	0	1	0	0	1
AT4G30170	0	0	0	1	0	1	1	0	0	1
AT4G30180	0	0	0	0	0	1	0	0	0	1
AT4G30190	0	0	0	0	0	0	1	0	0	1
AT4G30250	0	0	0	0	0	-1	0	0	0	-1
AT4G30270	-1	-1	0	0	0	0	0	0	0	-1
AT4G30280	1	1	1	0	0	1	1	0	0	1
AT4G30290	1	1	1	0	1	1	1	0	1	1
AT4G30310	0	0	0	0	0	0	-1	0	0	-1
AT4G30320	0	0	0	0	0	0	0	0	-1	-1
AT4G30340	1	1	1	0	0	0	1	0	0	1
AT4G30400	0	1	0	0	0	0	1	0	0	1
AT4G30410	0	0	0	0	0	0	1	0	0	1
AT4G30440	1	1	1	0	0	0	0	0	0	1
AT4G30470	0	0	0	0	0	1	1	0	0	1
AT4G30530	0	0	0	0	0	0	1	0	1	1
AT4G30580	0	0	0	0	0	0	-1	0	0	-1
AT4G30610	0	0	0	0	0	0	1	0	0	1
AT4G30620	0	0	0	0	0	0	-1	0	0	-1
AT4G30670	0	0	0	0	0	0	1	0	0	1
AT4G30720	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G30760	0	0	0	0	0	0	-1	0	0	-1
AT4G30950	0	0	0	0	0	0	-1	0	0	-1
AT4G30960	0	0	0	0	0	0	1	0	0	1
AT4G30996	1	0	0	0	0	0	0	0	0	1
AT4G31000	1	1	1	1	0	0	0	0	0	1
AT4G31040	0	0	0	0	0	0	-1	0	0	-1
AT4G31060	0	0	0	0	0	0	-1	0	0	-1
AT4G31080	0	0	0	0	0	0	1	0	0	1
AT4G31120	0	0	0	0	0	0	-1	0	0	-1
AT4G31320	0	0	0	0	0	-1	0	0	0	-1
AT4G31330	0	0	0	0	0	0	-1	0	0	-1
AT4G31450	0	0	0	0	0	0	1	0	0	1
AT4G31470	0	0	0	0	0	-1	0	0	0	-1
AT4G31500	0	0	0	0	0	0	1	0	1	1
AT4G31530	0	0	0	0	0	0	-1	0	0	-1
AT4G31550	0	0	0	0	0	0	1	0	0	1
AT4G31590	0	0	1	0	0	0	1	0	0	1
AT4G31710	0	0	0	0	0	1	0	0	0	1
AT4G31720	0	0	0	0	0	0	-1	0	0	-1
AT4G31750	0	0	0	0	0	0	1	0	0	1
AT4G31780	0	0	0	0	0	0	-1	0	0	-1
AT4G31800	1	1	1	0	0	0	0	0	1	1
AT4G31820	-1	-1	0	0	0	0	0	0	0	-1
AT4G31850	0	0	0	0	0	0	-1	0	0	-1
AT4G31910	0	0	0	0	0	0	1	0	0	1
AT4G31920	0	0	0	0	0	0	1	0	0	1
AT4G31950	0	0	0	0	0	0	0	1	1	1
AT4G31970	0	0	0	0	0	1	0	1	1	1
AT4G32070	0	0	0	0	0	1	1	0	0	1
AT4G32180	0	0	-1	0	0	0	0	0	0	-1
AT4G32250	0	0	-1	0	0	0	0	0	0	-1
AT4G32260	0	0	0	0	0	0	-1	0	0	-1
AT4G32280	0	0	0	0	0	0	0	0	-1	-1
AT4G32290	-1	-1	-1	0	0	0	0	0	0	-1
AT4G32350	1	1	0	0	0	1	1	0	0	1
AT4G32410	0	1	0	0	0	0	0	0	0	1
AT4G32440	0	0	0	0	0	0	1	0	0	1
AT4G32460	0	1	0	0	0	0	1	0	0	1
AT4G32500	0	0	0	0	0	1	0	0	0	1
AT4G32540	0	0	0	1	0	0	0	0	0	1
AT4G32810	0	0	0	0	0	1	0	0	0	1
AT4G32830	0	0	0	0	0	1	1	0	0	1
AT4G32870	-1	-1	0	0	0	0	0	0	0	-1
AT4G32910	0	0	0	0	0	0	-1	0	0	-1
AT4G32940	0	0	0	1	0	1	1	0	0	1
AT4G32950	0	0	0	0	0	0	0	0	-1	-1
AT4G32980	-1	0	0	0	0	-1	0	0	0	-1
AT4G33000	0	0	0	0	0	0	-1	0	0	-1
AT4G33010	0	0	0	0	0	0	0	-1	0	-1
AT4G33040	0	0	0	0	0	1	0	0	0	1
AT4G33050	0	0	0	1	0	0	0	1	0	1
AT4G33100	0	0	0	1	0	0	0	0	0	1
AT4G33220	0	0	0	0	0	1	1	0	0	1
AT4G33260	0	0	0	0	0	1	1	0	0	1
AT4G33270	0	0	0	0	0	0	1	0	0	1
AT4G33420	0	0	0	0	0	0	1	0	0	1
AT4G33467	0	0	0	0	0	1	0	0	0	1
AT4G33470	0	0	-1	0	0	0	-1	0	0	-1
AT4G33480	0	0	0	0	0	0	-1	0	0	-1
AT4G33520	0	0	0	0	0	0	-1	0	0	-1
AT4G33550	0	0	0	0	0	0	0	-1	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G33560	0	0	0	-1	0	0	0	0	0	-1
AT4G33610	0	0	0	0	0	1	0	0	0	1
AT4G33630	0	0	-1	0	0	0	0	0	0	-1
AT4G33666	0	0	0	0	0	1	0	0	0	1
AT4G33670	-1	-1	0	0	0	0	-1	0	0	-1
AT4G33700	-1	-1	0	0	0	0	0	0	0	-1
AT4G33730	0	0	0	0	0	-1	0	0	0	-1
AT4G33740	0	0	0	0	0	1	0	0	0	1
AT4G33790	0	1	1	0	0	0	0	0	0	1
AT4G33800	0	0	0	0	0	-1	0	0	0	-1
AT4G33880	0	0	0	0	0	-1	0	0	0	-1
AT4G33910	0	0	0	1	0	0	0	0	0	1
AT4G33920	0	1	0	0	0	0	1	0	0	1
AT4G33960	0	0	0	0	0	0	-1	0	0	-1
AT4G34050	0	0	0	0	0	0	1	0	0	1
AT4G34090	0	0	0	0	0	0	-1	0	0	-1
AT4G34131	0	0	0	1	0	0	0	0	0	1
AT4G34150	0	0	0	1	0	0	0	0	1	1
AT4G34190	0	0	0	0	0	0	-1	0	0	-1
AT4G34200	0	-1	0	0	0	0	-1	0	0	-1
AT4G34230	0	0	0	0	0	0	1	0	0	1
AT4G34260	0	0	0	0	0	-1	0	0	0	-1
AT4G34290	0	0	0	0	0	0	-1	-1	0	-1
AT4G34390	0	0	0	0	0	0	1	0	0	1
AT4G34480	0	0	0	1	0	0	0	0	0	1
AT4G34490	0	0	0	0	0	0	1	0	0	1
AT4G34520	0	0	0	0	0	1	0	0	0	1
AT4G34580	0	0	0	0	0	-1	0	0	0	-1
AT4G34610	-1	-1	-1	0	0	0	0	-1	-1	-1
AT4G34670	0	0	0	0	0	0	-1	0	0	-1
AT4G34740	0	0	0	0	0	0	-1	0	0	-1
AT4G34760	0	0	0	0	0	1	1	0	0	1
AT4G34770	1	0	0	0	0	0	0	0	0	1
AT4G34790	0	0	0	0	0	1	0	0	0	1
AT4G34810	0	0	0	0	0	1	0	1	0	1
AT4G34830	0	0	0	0	0	0	0	-1	0	-1
AT4G34860	-1	-1	0	0	0	0	0	0	0	-1
AT4G34950	0	0	0	0	0	0	-1	0	0	-1
AT4G34970	0	0	0	-1	0	0	-1	0	0	-1
AT4G35060	0	0	0	0	0	0	1	0	0	1
AT4G35100	0	0	0	0	0	1	0	0	0	1
AT4G35110	0	0	0	0	0	0	1	0	0	1
AT4G35200	0	0	0	0	0	-1	0	0	0	-1
AT4G35250	0	0	0	0	0	0	-1	0	0	-1
AT4G35260	0	0	0	0	0	0	1	0	0	1
AT4G35310	0	0	0	0	0	0	1	0	0	1
AT4G35320	1	1	1	1	0	1	1	0	0	1
AT4G35440	0	0	0	0	0	0	-1	0	0	-1
AT4G35470	0	1	0	0	0	0	1	0	0	1
AT4G35620	0	0	0	0	0	1	0	0	0	1
AT4G35720	0	0	0	-1	0	0	0	0	0	-1
AT4G35750	0	0	0	0	0	0	1	0	0	1
AT4G35770	0	0	0	-1	0	0	0	0	0	-1
AT4G35910	0	0	0	0	0	0	-1	0	0	-1
AT4G35920	0	0	0	0	0	0	-1	0	0	-1
AT4G35970	0	0	0	0	0	0	1	0	0	1
AT4G36110	1	1	1	1	1	1	1	1	1	1
AT4G36120	0	0	0	0	0	1	0	0	0	1
AT4G36220	0	0	0	0	0	-1	0	0	0	-1
AT4G36230	0	0	0	0	0	1	0	0	0	1
AT4G36360	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G36380	-1	-1	-1	-1	-1	0	0	0	0	-1
AT4G36430	0	0	0	1	0	1	1	1	1	1
AT4G36500	0	0	0	0	0	1	1	0	0	1
AT4G36530	0	0	0	0	0	0	-1	0	0	-1
AT4G36550	0	0	0	1	0	0	0	0	0	1
AT4G36570	0	0	0	0	0	1	0	0	0	1
AT4G36610	0	0	0	0	0	1	0	1	1	1
AT4G36670	0	0	0	0	0	0	-1	0	0	-1
AT4G36700	0	0	0	-1	0	0	0	0	0	-1
AT4G36780	-1	-1	-1	-1	-1	0	0	0	0	-1
AT4G36790	0	-1	0	0	0	0	0	0	0	-1
AT4G36810	0	-1	0	0	0	0	0	0	0	-1
AT4G36830	0	0	0	0	0	0	0	-1	0	-1
AT4G36880	0	0	0	0	0	1	1	0	0	1
AT4G36890	0	0	0	0	0	0	1	0	0	1
AT4G36930	0	0	0	0	0	0	-1	0	0	-1
AT4G36960	0	0	-1	0	0	0	0	0	0	-1
AT4G36990	0	0	0	0	0	0	1	0	0	1
AT4G37000	0	0	0	0	0	0	-1	0	0	-1
AT4G37010	0	0	0	0	0	1	1	0	0	1
AT4G37050	0	0	0	0	0	1	0	0	0	1
AT4G37060	0	0	0	0	0	1	1	0	0	1
AT4G37070	0	0	0	0	0	1	1	0	0	1
AT4G37080	0	-1	-1	0	0	0	0	0	0	-1
AT4G37120	0	0	-1	0	0	0	0	0	0	-1
AT4G37160	0	-1	0	0	0	0	0	0	0	-1
AT4G37180	0	0	-1	0	0	0	0	0	0	-1
AT4G37220	0	0	0	0	0	0	1	0	0	1
AT4G37240	1	1	1	1	0	1	1	0	0	1
AT4G37250	0	0	0	0	0	0	-1	0	0	-1
AT4G37290	0	0	0	0	0	0	0	1	0	1
AT4G37295	0	0	0	0	0	1	0	0	0	1
AT4G37310	-1	-1	0	-1	0	0	0	0	0	-1
AT4G37390	0	0	0	1	0	1	0	0	1	1
AT4G37410	0	0	0	-1	0	0	0	-1	-1	-1
AT4G37450	1	1	1	1	0	0	0	0	0	1
AT4G37510	0	0	0	0	0	0	-1	0	0	-1
AT4G37530	0	0	0	0	0	1	0	0	0	1
AT4G37540	-1	-1	-1	-1	0	0	-1	0	0	-1
AT4G37550	-1	0	-1	-1	0	0	0	0	0	-1
AT4G37560	-1	-1	-1	0	0	0	0	0	0	-1
AT4G37580	0	-1	0	0	0	0	0	0	0	-1
AT4G37590	0	-1	0	0	0	0	0	0	0	-1
AT4G37700	0	0	0	0	0	-1	0	-1	-1	-1
AT4G37790	0	0	0	0	0	0	1	0	0	1
AT4G37850	0	0	0	0	0	-1	0	0	0	-1
AT4G37890	0	0	0	0	0	1	1	0	0	1
AT4G37920	0	0	0	0	0	0	0	0	-1	-1
AT4G37930	0	0	0	0	0	0	0	-1	0	-1
AT4G37940	0	0	0	0	0	-1	0	0	0	-1
AT4G37980	-1	-1	-1	-1	0	0	-1	0	0	-1
AT4G38030	0	0	0	1	0	0	0	0	0	1
AT4G38060	0	0	0	0	0	1	1	0	0	1
AT4G38080	0	0	0	0	0	1	0	1	1	1
AT4G38090	0	0	0	0	0	0	-1	0	0	-1
AT4G38150	0	0	0	0	0	0	-1	0	0	-1
AT4G38160	0	0	0	0	0	0	-1	0	0	-1
AT4G38225	0	0	0	0	0	0	-1	0	0	-1
AT4G38260	0	0	0	0	0	0	1	0	0	1
AT4G38290	0	-1	0	0	0	0	-1	0	0	-1
AT4G38390	0	0	0	0	0	1	0	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT4G38400	1	1	0	1	1	1	1	0	0	1
AT4G38470	0	0	0	0	0	0	1	0	0	1
AT4G38490	0	0	0	0	0	0	-1	0	0	-1
AT4G38680	0	0	0	0	0	0	0	0	-1	-1
AT4G38740	0	0	0	0	0	-1	0	0	0	-1
AT4G38840	1	1	1	0	0	1	0	0	0	1
AT4G38850	1	1	0	1	0	1	1	1	0	1
AT4G38860	1	1	1	1	1	1	1	0	0	1
AT4G38930	0	0	0	0	0	0	1	0	0	1
AT4G38970	0	0	0	0	0	0	-1	0	0	-1
AT4G39030	0	0	0	1	0	0	1	0	0	1
AT4G39040	0	0	0	-1	0	0	-1	0	0	-1
AT4G39070	0	0	0	0	0	0	-1	0	0	-1
AT4G39140	0	0	0	0	0	0	1	0	0	1
AT4G39200	0	0	0	0	0	0	-1	0	0	-1
AT4G39270	0	0	0	0	0	0	1	0	0	1
AT4G39400	-1	-1	-1	0	0	0	0	0	0	-1
AT4G39403	0	0	0	0	0	-1	0	0	0	-1
AT4G39404	0	0	0	0	0	-1	0	0	-1	-1
AT4G39460	0	0	0	0	0	0	-1	0	0	-1
AT4G39480	0	0	0	-1	0	0	0	0	0	-1
AT4G39510	0	0	0	1	0	0	0	0	0	1
AT4G39550	0	0	0	0	0	0	-1	0	0	-1
AT4G39640	0	0	0	1	0	1	0	0	0	1
AT4G39670	0	0	0	1	0	0	0	0	0	1
AT4G39710	0	0	0	0	0	0	-1	0	0	-1
AT4G39780	0	0	0	0	0	1	0	0	0	1
AT4G39830	0	0	0	1	0	1	0	0	0	1
AT4G39840	1	1	0	1	0	0	0	0	0	1
AT4G39890	0	0	0	1	0	0	0	0	0	1
AT4G39900	0	-1	0	0	0	0	-1	0	0	-1
AT4G39990	0	0	1	0	0	0	1	0	0	1
AT4G40010	0	0	0	0	0	0	1	0	0	1
AT4G40045	0	0	0	0	0	0	-1	0	0	-1
AT5G01020	0	0	0	0	0	0	-1	0	0	-1
AT5G01210	0	0	1	0	0	0	0	0	0	1
AT5G01220	0	0	0	0	0	0	1	0	0	1
AT5G01240	0	0	0	0	0	0	-1	0	0	-1
AT5G01250	0	0	0	0	0	1	0	0	0	1
AT5G01320	0	0	0	0	0	1	1	0	0	1
AT5G01330	0	0	0	0	0	1	1	0	0	1
AT5G01360	0	0	0	0	0	1	1	0	0	1
AT5G01380	0	0	0	0	0	1	0	0	0	1
AT5G01500	0	-1	0	0	0	0	0	0	0	-1
AT5G01520	0	0	0	0	0	1	0	0	0	1
AT5G01530	0	0	0	0	0	0	-1	0	0	-1
AT5G01550	0	0	0	0	0	1	0	0	1	1
AT5G01600	0	0	0	1	0	0	0	0	0	1
AT5G01610	0	0	0	0	0	0	1	0	0	1
AT5G01640	0	0	0	0	0	1	0	0	1	1
AT5G01710	1	1	0	0	0	0	0	0	0	1
AT5G01740	-1	-1	-1	0	-1	-1	-1	0	-1	-1
AT5G01800	0	0	0	0	0	0	1	0	0	1
AT5G01810	0	0	0	0	0	0	1	0	0	1
AT5G01840	0	0	0	0	0	-1	0	0	0	-1
AT5G01870	0	0	0	0	0	-1	-1	0	0	-1
AT5G01910	0	0	0	0	0	1	0	0	0	1
AT5G01920	0	0	0	0	0	0	-1	0	0	-1
AT5G01980	0	0	0	0	0	0	-1	0	0	-1
AT5G01990	0	0	-1	0	0	0	0	0	0	-1
AT5G02020	1	1	0	0	0	1	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G02030	0	0	0	0	0	0	-1	0	0	-1
AT5G02120	0	0	0	0	0	0	-1	0	0	-1
AT5G02150	0	0	0	0	0	0	-1	0	0	-1
AT5G02180	0	0	0	0	0	1	0	0	0	1
AT5G02200	0	0	0	0	0	0	-1	0	0	-1
AT5G02230	0	0	0	0	0	0	1	0	0	1
AT5G02260	-1	0	0	0	0	0	0	0	0	-1
AT5G02270	0	0	0	0	0	0	1	0	0	1
AT5G02430	0	0	0	0	0	1	0	0	0	1
AT5G02440	0	0	0	0	0	0	-1	0	0	-1
AT5G02490	0	0	0	1	0	0	0	0	1	1
AT5G02540	-1	-1	-1	0	0	0	0	0	-1	-1
AT5G02560	0	0	0	0	0	1	1	0	0	1
AT5G02760	0	0	0	0	0	0	-1	0	0	-1
AT5G02780	0	0	0	0	0	0	0	0	1	1
AT5G02890	1	1	0	0	0	0	0	0	0	1
AT5G02930	0	0	0	0	0	1	0	0	0	1
AT5G03040	1	1	0	0	0	0	1	0	0	1
AT5G03050	0	0	0	0	0	-1	0	0	0	-1
AT5G03120	1	1	0	0	0	0	0	0	0	1
AT5G03140	0	-1	0	0	0	0	0	0	0	-1
AT5G03180	0	0	0	0	0	0	-1	0	0	-1
AT5G03190	0	0	0	0	0	-1	-1	0	0	-1
AT5G03230	0	0	0	0	0	0	-1	0	0	-1
AT5G03240	0	0	0	0	0	0	0	-1	0	-1
AT5G03310	0	0	0	0	0	0	-1	0	0	-1
AT5G03350	0	0	0	0	0	1	0	0	0	1
AT5G03380	0	0	0	0	0	1	1	0	0	1
AT5G03430	0	0	-1	0	0	0	0	0	0	-1
AT5G03520	1	1	1	0	0	0	1	0	0	1
AT5G03630	0	0	0	0	0	0	1	0	0	1
AT5G03640	0	0	0	0	0	1	0	0	0	1
AT5G03670	0	-1	-1	0	0	0	0	0	0	-1
AT5G03730	0	0	-1	0	0	0	0	0	0	-1
AT5G03740	0	0	-1	0	0	0	0	0	0	-1
AT5G03760	0	1	0	0	0	0	0	0	0	1
AT5G03770	0	0	0	0	0	0	-1	0	0	-1
AT5G03880	0	0	0	0	0	0	-1	0	0	-1
AT5G03960	0	1	1	0	0	0	0	0	0	1
AT5G04160	0	0	1	0	0	0	0	0	0	1
AT5G04190	1	0	0	0	0	0	0	0	0	1
AT5G04200	0	0	0	0	0	0	1	0	0	1
AT5G04230	0	0	0	0	0	0	-1	0	0	-1
AT5G04240	0	0	-1	0	0	0	0	0	0	-1
AT5G04310	0	0	0	0	0	1	1	0	1	1
AT5G04340	0	0	0	0	0	1	0	0	0	1
AT5G04440	0	0	0	0	0	0	-1	0	0	-1
AT5G04490	0	0	0	0	0	0	-1	0	0	-1
AT5G04520	0	0	-1	0	0	0	0	0	0	-1
AT5G04540	0	0	-1	0	0	0	0	0	0	-1
AT5G04590	-1	-1	0	0	0	0	0	0	0	-1
AT5G04710	0	0	0	0	0	0	-1	0	0	-1
AT5G04750	0	0	0	0	0	0	1	0	0	1
AT5G04870	0	0	1	0	0	0	0	0	0	1
AT5G04880	0	0	0	0	0	0	-1	0	0	-1
AT5G04900	0	0	0	0	0	0	-1	0	0	-1
AT5G04950	0	-1	0	-1	0	0	0	0	-1	-1
AT5G04960	0	0	0	0	0	-1	0	0	0	-1
AT5G04970	0	0	0	0	0	1	0	0	0	1
AT5G05090	0	1	1	0	0	0	0	0	0	1
AT5G05100	0	0	-1	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G05110	0	0	0	0	0	0	1	0	0	1
AT5G05170	0	1	0	0	0	0	0	0	0	1
AT5G05250	0	0	0	0	0	1	0	0	0	1
AT5G05270	0	0	0	0	0	-1	0	0	0	-1
AT5G05290	0	0	0	0	0	-1	0	0	0	-1
AT5G05300	0	0	0	0	0	0	0	1	0	1
AT5G05320	0	0	0	0	0	0	1	0	0	1
AT5G05365	0	0	0	0	0	1	0	0	0	1
AT5G05410	0	0	1	0	0	0	0	0	0	1
AT5G05430	0	0	0	0	0	-1	0	0	0	-1
AT5G05440	0	0	-1	0	0	0	-1	0	0	-1
AT5G05500	0	0	0	0	0	-1	0	0	0	-1
AT5G05580	0	0	0	0	0	0	-1	0	0	-1
AT5G05610	0	-1	0	0	0	0	0	0	0	-1
AT5G05690	-1	-1	0	-1	-1	0	-1	0	0	-1
AT5G05730	0	0	0	0	0	0	0	0	1	1
AT5G05740	0	0	0	0	0	0	-1	0	0	-1
AT5G05880	-1	-1	0	0	0	0	0	0	0	-1
AT5G05890	0	0	-1	0	0	0	0	0	0	-1
AT5G05980	0	0	-1	0	0	0	0	0	0	-1
AT5G06060	0	0	0	0	0	0	-1	0	0	-1
AT5G06090	0	0	0	0	0	0	0	1	1	1
AT5G06120	0	0	-1	0	0	0	0	0	0	-1
AT5G06150	0	0	0	0	0	1	1	0	0	1
AT5G06180	0	0	0	0	0	0	-1	0	0	-1
AT5G06200	0	0	0	0	0	1	1	0	0	1
AT5G06290	0	0	0	0	0	0	-1	0	0	-1
AT5G06300	0	0	0	0	0	0	1	0	0	1
AT5G06310	0	0	0	0	0	-1	0	0	0	-1
AT5G06400	0	0	0	0	0	1	0	0	0	1
AT5G06630	0	0	0	0	0	-1	0	0	0	-1
AT5G06640	0	0	0	0	0	-1	0	0	0	-1
AT5G06700	1	0	0	0	0	0	0	0	0	1
AT5G06720	1	0	0	1	0	1	1	0	1	1
AT5G06730	0	0	0	0	0	0	0	0	1	1
AT5G06740	0	0	0	0	0	0	1	1	0	1
AT5G06870	0	0	0	0	0	0	-1	0	0	-1
AT5G06910	0	0	0	0	0	0	1	0	0	1
AT5G06970	0	0	0	0	0	0	1	0	0	1
AT5G07010	-1	-1	0	0	0	0	0	0	0	-1
AT5G07020	0	0	0	0	0	0	-1	0	0	-1
AT5G07080	0	0	0	0	0	1	0	0	0	1
AT5G07110	1	1	0	0	0	0	1	0	0	1
AT5G07220	0	0	0	0	0	0	1	0	0	1
AT5G07240	0	0	0	0	0	-1	0	0	0	-1
AT5G07330	0	0	0	0	0	-1	0	0	0	-1
AT5G07360	0	0	0	0	0	0	1	0	0	1
AT5G07390	0	0	0	0	0	0	0	1	0	1
AT5G07440	0	0	0	0	0	0	1	0	0	1
AT5G07475	0	0	0	0	0	0	0	0	1	1
AT5G07570	0	0	0	0	0	1	0	0	0	1
AT5G07770	0	0	0	0	0	1	0	0	0	1
AT5G07810	0	0	0	0	0	1	0	0	0	1
AT5G07860	0	0	0	0	0	0	-1	0	0	-1
AT5G07900	0	0	0	0	0	0	-1	0	0	-1
AT5G08050	0	0	0	0	0	0	-1	0	0	-1
AT5G08100	0	0	0	0	0	0	-1	0	0	-1
AT5G08150	0	0	0	0	0	-1	0	0	0	-1
AT5G08170	0	-1	0	0	0	0	0	0	0	-1
AT5G08190	0	0	1	0	0	0	0	0	0	1
AT5G08250	0	0	0	0	0	0	0	0	1	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G08260	0	0	0	0	0	0	-1	0	0	-1
AT5G08280	0	0	0	0	0	0	-1	0	0	-1
AT5G08300	0	0	0	0	0	0	1	0	0	1
AT5G08335	0	0	-1	0	0	0	0	0	0	-1
AT5G08340	0	0	0	0	0	0	-1	0	0	-1
AT5G08350	0	0	0	0	0	1	0	0	0	1
AT5G08370	0	0	0	0	0	0	1	0	0	1
AT5G08380	0	0	0	0	0	0	-1	0	0	-1
AT5G08410	0	0	0	0	0	0	-1	0	0	-1
AT5G08420	0	0	-1	0	0	0	0	0	0	-1
AT5G08480	0	0	0	0	0	1	0	0	0	1
AT5G08565	-1	-1	0	0	0	0	-1	0	0	-1
AT5G08570	0	0	0	0	0	0	-1	0	0	-1
AT5G08590	0	0	0	0	0	0	1	0	0	1
AT5G08620	0	0	0	0	0	0	-1	0	0	-1
AT5G09220	0	0	0	0	0	-1	0	0	0	-1
AT5G09270	0	0	0	0	0	-1	0	0	0	-1
AT5G09290	0	0	0	0	0	0	1	0	0	1
AT5G09310	0	0	-1	0	0	0	0	0	0	-1
AT5G09350	0	0	0	0	0	0	-1	0	0	-1
AT5G09440	-1	-1	-1	0	0	0	0	0	0	-1
AT5G09480	0	0	0	0	0	1	0	0	1	1
AT5G09520	0	0	0	0	0	1	0	1	1	1
AT5G09530	0	0	0	0	0	1	0	1	1	1
AT5G09650	0	0	0	0	0	0	-1	0	0	-1
AT5G09750	0	0	0	0	0	1	0	0	0	1
AT5G09770	0	0	0	0	0	0	-1	0	0	-1
AT5G09810	0	0	0	0	0	0	1	0	0	1
AT5G09870	1	1	0	0	0	0	0	0	0	1
AT5G09890	0	0	0	0	0	0	1	0	0	1
AT5G09978	0	0	0	0	0	-1	0	0	0	-1
AT5G10100	0	0	-1	0	0	0	0	0	0	-1
AT5G10130	0	0	0	0	0	-1	0	0	0	-1
AT5G10180	0	0	0	0	0	0	-1	0	0	-1
AT5G10190	0	0	0	0	0	0	1	0	0	1
AT5G10210	0	0	0	0	0	1	0	0	0	1
AT5G10290	-1	-1	-1	0	0	0	0	0	0	-1
AT5G10400	0	0	0	0	0	0	1	0	0	1
AT5G10430	1	1	0	1	0	1	1	0	1	1
AT5G10460	0	0	0	0	0	0	-1	0	0	-1
AT5G10470	0	0	-1	0	0	0	0	0	0	-1
AT5G10510	-1	-1	0	0	0	0	0	0	0	-1
AT5G10570	0	0	0	0	0	1	0	0	0	1
AT5G10690	0	0	0	0	0	0	-1	0	0	-1
AT5G10740	0	0	0	0	0	0	1	0	0	1
AT5G10750	0	0	-1	0	0	0	0	0	0	-1
AT5G10820	0	0	-1	0	0	0	0	0	0	-1
AT5G10830	0	0	0	0	0	0	1	0	0	1
AT5G10920	0	0	0	0	0	0	-1	0	0	-1
AT5G10970	0	0	0	0	0	0	1	0	0	1
AT5G11000	1	1	1	0	0	1	0	0	0	1
AT5G11060	0	0	1	1	0	1	0	0	0	1
AT5G11100	0	0	0	0	0	0	1	0	0	1
AT5G11140	0	0	0	0	0	0	0	1	0	1
AT5G11210	0	0	0	0	0	1	0	0	1	1
AT5G11290	0	0	0	0	0	1	0	0	0	1
AT5G11300	0	0	0	0	0	1	1	0	0	1
AT5G11420	0	0	-1	0	0	0	0	0	0	-1
AT5G11450	0	0	0	0	0	0	-1	0	0	-1
AT5G11460	0	0	0	0	0	0	-1	0	0	-1
AT5G11480	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G11500	0	0	0	0	0	0	1	0	0	1
AT5G11540	0	0	0	0	0	1	1	0	0	1
AT5G11670	0	0	0	0	0	0	1	0	0	1
AT5G11710	0	0	0	0	0	0	1	0	0	1
AT5G11740	1	1	0	0	0	0	0	0	0	1
AT5G11790	0	1	0	0	0	0	0	0	0	1
AT5G11800	0	0	1	0	0	0	0	0	0	1
AT5G11840	0	0	0	0	0	0	-1	0	0	-1
AT5G11850	0	0	0	0	0	0	1	0	0	1
AT5G11920	0	0	0	0	0	1	0	1	1	1
AT5G11970	0	0	0	0	0	0	1	0	0	1
AT5G12020	0	0	0	0	0	0	0	0	1	1
AT5G12050	-1	-1	-1	0	0	0	-1	0	0	-1
AT5G12110	0	0	-1	0	0	-1	0	0	0	-1
AT5G12130	0	0	0	0	0	0	-1	0	0	-1
AT5G12200	0	0	0	0	0	0	1	0	0	1
AT5G12330	0	0	0	0	0	-1	0	0	0	-1
AT5G12410	0	0	-1	0	0	0	0	0	0	-1
AT5G12420	0	0	0	0	0	1	0	1	1	1
AT5G12840	0	0	0	0	0	0	1	0	0	1
AT5G12860	0	0	0	0	0	0	-1	0	0	-1
AT5G12870	0	0	0	0	0	1	0	0	0	1
AT5G12940	0	0	0	0	0	1	1	0	1	1
AT5G13000	0	0	0	0	0	0	-1	0	0	-1
AT5G13030	0	0	0	0	0	0	1	0	0	1
AT5G13100	0	0	0	0	0	0	-1	0	0	-1
AT5G13140	0	0	0	0	0	0	-1	0	0	-1
AT5G13180	-1	-1	0	0	0	0	0	0	0	-1
AT5G13200	0	0	0	0	0	0	1	0	0	1
AT5G13280	0	0	0	0	0	0	-1	0	0	-1
AT5G13290	0	0	0	0	0	0	-1	0	0	-1
AT5G13320	0	0	0	0	0	0	0	1	1	1
AT5G13330	0	-1	0	0	0	0	0	0	0	-1
AT5G13400	1	0	0	0	0	0	0	0	0	1
AT5G13410	0	0	0	0	0	0	-1	0	0	-1
AT5G13420	0	0	0	0	0	0	1	0	0	1
AT5G13470	0	0	0	0	0	0	-1	0	0	-1
AT5G13510	0	0	0	0	0	0	-1	0	0	-1
AT5G13580	0	0	0	0	0	1	0	0	1	1
AT5G13630	0	0	0	0	0	0	-1	0	0	-1
AT5G13700	0	0	0	0	0	1	0	0	0	1
AT5G13720	0	0	0	0	0	0	-1	0	0	-1
AT5G13740	-1	0	0	0	0	0	-1	0	0	-1
AT5G13770	0	0	-1	0	0	0	-1	0	0	-1
AT5G13780	0	0	0	0	0	0	-1	0	0	-1
AT5G13810	0	0	0	0	0	0	1	0	0	1
AT5G13870	0	0	0	0	0	1	1	0	0	1
AT5G13900	0	0	0	0	0	0	0	0	1	1
AT5G13930	0	0	0	0	0	-1	0	0	0	-1
AT5G14020	0	0	0	0	0	-1	0	0	0	-1
AT5G14070	0	0	0	0	0	0	1	0	0	1
AT5G14080	0	0	0	0	0	0	-1	0	0	-1
AT5G14100	0	0	0	0	0	0	-1	0	0	-1
AT5G14130	0	0	-1	0	0	0	0	0	0	-1
AT5G14150	0	0	0	0	0	-1	0	0	0	-1
AT5G14200	0	0	0	0	0	0	0	0	1	1
AT5G14230	0	0	0	0	0	0	-1	0	0	-1
AT5G14240	0	0	0	0	0	0	-1	0	0	-1
AT5G14320	0	0	0	0	0	0	-1	0	0	-1
AT5G14330	0	0	0	0	0	-1	0	0	0	-1
AT5G14500	0	0	-1	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G14530	0	0	0	0	0	0	-1	0	0	-1
AT5G14610	0	0	0	0	0	1	0	0	0	1
AT5G14620	0	0	0	0	0	0	-1	0	0	-1
AT5G14640	0	0	0	0	0	0	1	0	0	1
AT5G14650	0	0	-1	0	0	0	0	0	0	-1
AT5G14720	0	0	0	0	0	0	1	0	0	1
AT5G14730	1	1	0	0	0	1	0	0	0	1
AT5G14740	0	0	0	-1	0	0	0	0	0	-1
AT5G14750	1	1	0	0	0	0	0	0	0	1
AT5G14800	0	0	0	0	0	0	-1	0	0	-1
AT5G14910	0	0	0	0	0	0	-1	0	0	-1
AT5G14920	0	0	0	0	0	-1	-1	0	0	-1
AT5G15150	0	0	0	0	0	0	1	0	0	1
AT5G15180	0	1	0	0	0	0	0	0	0	1
AT5G15290	1	1	0	0	0	0	1	0	0	1
AT5G15330	0	0	0	0	0	0	-1	0	0	-1
AT5G15350	1	1	1	1	0	1	1	0	0	1
AT5G15390	0	0	0	0	0	0	-1	0	0	-1
AT5G15420	0	0	0	0	0	-1	0	0	0	-1
AT5G15470	0	1	0	0	0	0	0	0	0	1
AT5G15510	0	0	0	0	0	1	0	0	0	1
AT5G15550	0	0	0	0	0	0	-1	0	0	-1
AT5G15580	0	0	0	0	0	0	1	0	0	1
AT5G15740	-1	0	0	0	0	0	-1	0	0	-1
AT5G15850	0	0	-1	0	0	0	0	0	0	-1
AT5G15920	0	0	1	0	0	0	0	0	0	1
AT5G15950	0	0	-1	0	0	0	0	0	0	-1
AT5G15960	0	0	0	0	0	0	0	-1	-1	-1
AT5G15970	0	0	0	-1	0	0	0	-1	-1	-1
AT5G16010	0	0	0	0	0	0	-1	0	0	-1
AT5G16050	0	0	0	0	0	0	1	0	0	1
AT5G16070	0	0	0	0	0	0	-1	0	0	-1
AT5G16080	0	0	0	0	0	1	0	0	0	1
AT5G16110	0	0	-1	0	0	0	0	0	0	-1
AT5G16200	0	-1	0	0	0	0	0	0	0	-1
AT5G16210	0	0	-1	0	0	0	0	0	0	-1
AT5G16250	0	0	0	0	0	1	0	0	0	1
AT5G16300	0	0	0	0	0	0	1	0	0	1
AT5G16350	0	0	0	0	0	1	0	0	0	1
AT5G16400	0	0	0	0	0	0	-1	0	0	-1
AT5G16570	0	0	0	0	0	1	0	0	0	1
AT5G16590	1	1	1	0	0	1	1	0	0	1
AT5G16715	0	0	0	0	0	0	-1	0	0	-1
AT5G16760	0	0	-1	0	0	0	0	0	0	-1
AT5G16810	0	0	0	0	0	0	-1	0	0	-1
AT5G16990	0	0	0	1	0	0	0	0	0	1
AT5G17160	0	0	0	0	0	1	0	0	0	1
AT5G17170	0	0	0	0	0	0	-1	0	0	-1
AT5G17220	0	0	0	0	0	0	0	1	1	1
AT5G17230	0	0	0	0	0	0	0	-1	0	-1
AT5G17270	0	0	0	0	0	1	0	0	0	1
AT5G17330	0	0	0	0	0	0	1	0	0	1
AT5G17450	0	0	0	0	0	-1	0	0	0	-1
AT5G17520	0	0	0	0	0	0	-1	0	0	-1
AT5G17600	0	0	0	0	0	0	-1	0	0	-1
AT5G17640	1	1	1	0	0	0	0	0	0	1
AT5G17670	0	0	0	0	0	0	-1	0	0	-1
AT5G17710	0	0	0	0	0	0	-1	0	0	-1
AT5G17800	0	0	0	0	0	-1	0	0	0	-1
AT5G17860	-1	-1	0	0	0	0	0	0	0	-1
AT5G17870	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G17910	0	0	0	0	0	0	1	0	0	1
AT5G17930	0	0	-1	0	0	0	0	0	0	-1
AT5G17960	0	0	0	0	0	-1	0	0	0	-1
AT5G17990	0	0	0	0	0	0	0	0	1	1
AT5G18010	0	0	0	0	0	1	0	0	0	1
AT5G18020	0	0	0	0	0	1	0	0	0	1
AT5G18030	0	0	0	0	0	1	0	0	0	1
AT5G18050	0	0	0	0	0	1	0	0	0	1
AT5G18060	0	1	0	0	0	1	1	0	0	1
AT5G18080	0	0	0	0	0	1	0	0	0	1
AT5G18100	0	0	0	0	0	0	-1	0	0	-1
AT5G18130	0	0	0	0	0	0	1	0	0	1
AT5G18150	0	0	1	0	0	0	0	0	0	1
AT5G18170	0	0	0	0	0	0	1	0	0	1
AT5G18200	0	0	0	0	0	0	-1	0	0	-1
AT5G18270	0	0	0	0	0	0	1	0	0	1
AT5G18280	0	1	0	0	0	0	0	0	0	1
AT5G18460	0	0	0	0	0	0	1	0	0	1
AT5G18570	0	0	0	0	0	0	-1	0	0	-1
AT5G18630	0	0	0	0	0	0	1	0	0	1
AT5G18660	0	0	0	0	0	0	-1	0	0	-1
AT5G18710	0	0	0	0	0	1	0	0	0	1
AT5G18800	0	0	0	0	0	0	-1	0	0	-1
AT5G18830	0	0	0	0	0	0	1	0	0	1
AT5G18840	0	0	0	0	0	1	0	0	0	1
AT5G18970	0	0	0	0	0	0	1	0	0	1
AT5G19030	0	0	0	0	0	0	-1	0	0	-1
AT5G19100	0	0	0	0	0	1	0	0	0	1
AT5G19150	0	0	0	0	0	0	-1	0	0	-1
AT5G19200	0	0	0	0	0	0	-1	0	0	-1
AT5G19210	0	0	0	0	0	0	-1	0	0	-1
AT5G19230	0	0	0	0	0	1	0	0	0	1
AT5G19240	1	0	0	0	0	1	1	1	1	1
AT5G19250	0	0	0	0	0	0	1	0	1	1
AT5G19370	0	0	0	0	0	0	-1	0	0	-1
AT5G19400	0	0	0	0	0	0	1	0	0	1
AT5G19410	0	0	0	0	0	0	0	0	1	1
AT5G19440	-1	-1	0	0	0	0	0	0	0	-1
AT5G19520	0	0	0	0	0	-1	0	0	0	-1
AT5G19590	0	0	0	0	0	0	1	0	0	1
AT5G19600	0	0	0	0	0	1	0	0	0	1
AT5G19730	0	0	0	0	0	0	-1	0	0	-1
AT5G19770	0	0	0	0	0	0	1	0	0	1
AT5G19780	0	0	0	0	0	0	1	0	0	1
AT5G19790	0	0	0	0	0	-1	0	0	0	-1
AT5G19810	0	0	0	0	0	1	0	0	0	1
AT5G19850	0	0	0	0	0	0	-1	0	0	-1
AT5G19870	0	0	0	0	0	1	0	0	0	1
AT5G19940	0	0	0	0	0	0	-1	0	0	-1
AT5G19970	0	0	0	0	0	0	1	0	0	1
AT5G20070	0	0	-1	0	0	0	0	0	0	-1
AT5G20110	1	1	1	0	0	0	0	0	0	1
AT5G20130	0	0	0	0	0	0	-1	0	0	-1
AT5G20150	0	0	0	0	0	0	1	0	0	1
AT5G20220	0	0	0	0	0	0	-1	0	0	-1
AT5G20230	0	0	0	1	0	1	0	1	1	1
AT5G20250	0	0	0	0	0	0	0	1	0	1
AT5G20270	1	1	0	0	0	1	1	0	0	1
AT5G20410	0	0	0	0	0	1	0	0	0	1
AT5G20470	0	0	0	0	0	0	1	0	0	1
AT5G20490	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G20550	0	0	0	0	0	0	1	0	0	1
AT5G20630	0	0	0	0	0	0	-1	0	0	-1
AT5G20690	0	0	0	0	0	1	0	0	0	1
AT5G20700	0	0	0	0	0	0	1	0	0	1
AT5G20710	0	0	0	0	0	0	1	0	0	1
AT5G20720	0	0	0	0	0	0	-1	0	0	-1
AT5G20935	0	0	-1	0	0	0	-1	0	0	-1
AT5G20950	-1	-1	0	0	0	0	0	0	0	-1
AT5G20960	0	0	0	0	0	0	1	0	1	1
AT5G20970	0	0	0	0	0	0	0	0	1	1
AT5G21326	0	0	0	0	0	0	0	0	1	1
AT5G21430	0	0	0	0	0	0	0	-1	0	-1
AT5G22270	-1	-1	0	0	0	0	0	0	0	-1
AT5G22300	0	0	0	0	0	0	0	0	1	1
AT5G22340	0	0	0	0	0	0	-1	0	0	-1
AT5G22355	0	0	0	0	0	1	0	0	0	1
AT5G22370	0	0	0	0	0	0	-1	0	0	-1
AT5G22410	0	0	0	0	0	-1	0	0	0	-1
AT5G22470	0	0	0	0	0	-1	0	0	0	-1
AT5G22500	-1	-1	0	-1	0	0	0	0	0	-1
AT5G22520	0	0	0	0	0	0	0	1	0	1
AT5G22555	0	0	0	0	0	0	0	1	1	1
AT5G22570	0	0	0	0	0	0	0	0	1	1
AT5G22580	-1	-1	-1	0	0	-1	-1	-1	-1	-1
AT5G22730	0	0	0	0	0	0	-1	0	0	-1
AT5G22860	0	0	0	0	0	0	1	0	0	1
AT5G22870	0	0	0	0	0	0	1	0	0	1
AT5G22875	0	0	-1	0	0	0	-1	0	0	-1
AT5G22880	0	0	0	0	0	0	1	0	0	1
AT5G22910	0	0	0	0	0	0	0	0	1	1
AT5G22920	1	0	0	0	0	0	0	0	0	1
AT5G22940	1	1	1	0	0	0	0	0	0	1
AT5G23010	-1	0	0	0	0	0	0	0	0	-1
AT5G23020	0	0	0	0	0	-1	-1	0	0	-1
AT5G23060	0	0	0	0	0	0	-1	-1	0	-1
AT5G23120	0	0	0	0	0	0	-1	0	0	-1
AT5G23140	0	0	0	0	0	0	-1	0	0	-1
AT5G23190	0	0	0	0	0	0	0	1	1	1
AT5G23220	-1	-1	-1	0	0	0	0	0	0	-1
AT5G23270	0	0	0	1	0	0	0	0	0	1
AT5G23290	0	0	0	0	0	0	-1	0	0	-1
AT5G23310	0	0	0	-1	0	0	-1	0	0	-1
AT5G23350	0	0	0	0	0	1	0	0	0	1
AT5G23360	0	0	0	0	0	1	0	0	0	1
AT5G23380	0	0	0	0	0	0	-1	0	0	-1
AT5G23400	0	0	0	0	0	1	1	0	1	1
AT5G23440	0	0	0	0	0	0	-1	0	0	-1
AT5G23700	0	0	0	0	0	1	0	0	0	1
AT5G23740	0	0	0	0	0	0	-1	0	0	-1
AT5G23750	0	0	0	0	0	1	1	0	0	1
AT5G23830	0	0	0	0	0	-1	0	0	0	-1
AT5G23840	0	0	0	0	0	-1	0	0	0	-1
AT5G23850	0	0	1	0	0	0	0	0	0	1
AT5G23860	1	1	0	1	0	1	1	0	0	1
AT5G23900	0	0	0	0	0	0	-1	0	0	-1
AT5G23910	0	0	0	0	0	1	0	0	0	1
AT5G23940	0	0	0	0	0	0	-1	0	0	-1
AT5G23950	0	0	0	0	0	1	0	0	0	1
AT5G23980	0	0	0	0	0	-1	0	0	0	-1
AT5G24070	-1	-1	0	0	0	0	0	0	0	-1
AT5G24100	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G24105	0	0	0	0	0	1	0	0	0	1
AT5G24110	0	0	0	0	0	0	0	0	1	1
AT5G24120	0	0	0	0	0	0	0	-1	0	-1
AT5G24140	0	0	0	0	0	0	0	-1	0	-1
AT5G24240	0	0	0	0	0	1	0	0	0	1
AT5G24270	0	0	0	0	0	1	0	0	0	1
AT5G24290	0	0	0	0	0	0	1	0	0	1
AT5G24313	0	0	0	0	0	-1	0	0	0	-1
AT5G24410	0	0	0	0	0	-1	0	0	0	-1
AT5G24530	0	0	0	0	0	0	1	0	0	1
AT5G24570	1	1	1	0	0	0	0	0	0	1
AT5G24580	1	1	1	0	0	1	1	0	0	1
AT5G24610	0	0	0	0	0	0	-1	0	0	-1
AT5G24770	0	0	0	0	0	-1	0	-1	-1	-1
AT5G24780	0	0	0	0	0	0	0	-1	-1	-1
AT5G24870	0	0	0	0	0	1	0	0	0	1
AT5G24970	0	0	0	0	0	0	-1	0	0	-1
AT5G24990	0	0	0	0	0	1	0	0	0	1
AT5G25020	0	0	0	0	0	1	0	0	0	1
AT5G25110	0	0	1	0	0	1	0	0	0	1
AT5G25120	0	0	0	0	0	1	0	0	0	1
AT5G25130	0	0	0	0	0	1	0	0	0	1
AT5G25140	0	0	0	0	0	1	0	0	0	1
AT5G25160	0	0	0	0	0	0	1	0	0	1
AT5G25170	1	1	1	0	0	0	0	0	0	1
AT5G25205	0	0	0	0	0	-1	0	0	0	-1
AT5G25240	1	1	0	0	0	0	0	0	0	1
AT5G25250	0	0	0	0	0	1	0	1	1	1
AT5G25260	0	0	0	0	0	1	0	1	1	1
AT5G25460	0	0	0	0	0	0	1	0	0	1
AT5G25470	0	0	0	0	0	0	-1	0	0	-1
AT5G25475	0	0	0	0	0	0	-1	0	0	-1
AT5G25490	0	0	0	0	0	0	-1	0	0	-1
AT5G25610	0	0	0	0	0	1	0	0	0	1
AT5G25750	0	0	0	0	0	0	-1	0	0	-1
AT5G25770	0	0	0	0	0	0	1	0	0	1
AT5G25820	0	0	0	0	0	0	1	0	0	1
AT5G25840	0	0	0	0	0	0	-1	0	0	-1
AT5G25980	0	0	0	0	0	-1	0	0	0	-1
AT5G26147	0	0	0	0	0	1	0	0	0	1
AT5G26230	0	0	0	0	0	0	-1	0	0	-1
AT5G26310	0	0	0	0	0	0	1	0	0	1
AT5G26330	0	0	0	0	0	1	0	0	0	1
AT5G26690	0	0	0	0	0	0	0	1	1	1
AT5G26800	0	0	0	0	0	-1	0	0	0	-1
AT5G26820	0	0	0	0	0	0	-1	0	0	-1
AT5G26920	0	0	0	0	0	0	0	1	1	1
AT5G26930	0	0	0	0	0	1	0	0	0	1
AT5G26970	0	0	0	0	0	1	0	0	0	1
AT5G26980	0	0	0	0	0	-1	0	0	0	-1
AT5G27100	0	0	0	0	0	-1	0	0	0	-1
AT5G27110	0	0	0	0	0	-1	0	0	0	-1
AT5G27120	0	0	0	0	0	0	1	0	0	1
AT5G27140	0	0	0	0	0	0	1	0	0	1
AT5G27200	0	0	0	0	0	1	0	0	0	1
AT5G27220	0	0	0	0	0	1	0	0	0	1
AT5G27230	0	0	0	0	0	1	0	0	0	1
AT5G27240	0	0	0	0	0	-1	0	0	0	-1
AT5G27247	0	0	0	0	0	-1	0	0	0	-1
AT5G27250	0	0	0	0	0	-1	0	0	0	-1
AT5G27345	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G27350	0	0	0	0	0	1	0	0	0	1
AT5G27420	0	1	0	0	0	1	0	0	0	1
AT5G27560	0	0	0	0	0	0	-1	0	0	-1
AT5G27590	0	0	0	0	0	1	0	0	0	1
AT5G27660	0	0	0	0	0	1	0	0	0	1
AT5G27670	-1	-1	-1	0	0	0	0	0	0	-1
AT5G27780	0	0	0	0	0	1	1	0	0	1
AT5G27889	0	0	0	0	0	-1	0	0	0	-1
AT5G27890	0	0	0	0	0	-1	0	0	0	-1
AT5G27895	0	0	0	0	0	-1	0	0	0	-1
AT5G27920	0	0	0	0	0	1	0	0	0	1
AT5G27927	0	0	0	0	0	1	0	0	0	1
AT5G27950	0	0	0	0	0	1	0	0	0	1
AT5G27990	0	0	0	0	0	-1	0	0	0	-1
AT5G28010	0	0	0	0	0	1	0	0	0	1
AT5G28030	0	0	0	0	0	1	0	0	0	1
AT5G28050	0	0	0	0	0	-1	0	0	0	-1
AT5G28060	0	0	0	0	0	-1	-1	0	0	-1
AT5G28145	0	0	0	0	0	-1	0	0	0	-1
AT5G28150	0	0	0	0	0	1	0	0	0	1
AT5G28220	0	0	-1	0	0	0	0	0	0	-1
AT5G28230	0	0	0	0	0	1	0	0	0	1
AT5G28262	0	0	0	0	0	-1	0	0	0	-1
AT5G28263	0	0	0	0	0	-1	0	0	0	-1
AT5G28350	0	0	0	0	0	-1	0	0	0	-1
AT5G28360	0	0	0	0	0	-1	0	0	0	-1
AT5G28415	0	0	0	0	0	-1	0	0	0	-1
AT5G28450	0	0	0	0	0	0	-1	0	0	-1
AT5G28463	0	0	0	0	0	1	0	0	0	1
AT5G28500	0	0	0	0	0	0	-1	0	0	-1
AT5G28610	0	0	0	0	0	-1	0	0	0	-1
AT5G28622	0	0	0	0	0	-1	0	0	0	-1
AT5G28630	0	0	0	0	0	1	0	1	0	1
AT5G28640	0	0	0	0	0	0	-1	0	0	-1
AT5G28660	0	0	0	0	0	1	0	0	0	1
AT5G28673	0	0	0	0	0	1	0	0	0	1
AT5G28910	0	0	0	0	0	1	0	0	0	1
AT5G28919	0	0	0	0	0	-1	0	0	0	-1
AT5G29624	0	0	0	0	0	1	0	0	0	1
AT5G30510	0	0	0	0	0	0	-1	0	0	-1
AT5G32460	0	0	0	0	0	1	0	0	0	1
AT5G33207	0	0	0	0	0	1	0	0	0	1
AT5G33280	0	0	0	0	0	0	-1	0	0	-1
AT5G33290	0	0	0	0	0	0	1	0	0	1
AT5G33340	0	0	0	0	0	-1	0	0	0	-1
AT5G33355	0	0	0	0	0	-1	-1	0	0	-1
AT5G33390	0	0	0	0	0	-1	0	0	0	-1
AT5G33395	0	0	0	0	0	-1	0	0	0	-1
AT5G34795	0	0	0	0	0	-1	0	0	0	-1
AT5G34825	0	0	0	0	0	-1	0	0	0	-1
AT5G34871	0	0	0	0	0	-1	0	0	0	-1
AT5G35100	0	0	0	0	0	0	-1	0	0	-1
AT5G35110	0	0	0	0	0	1	0	0	0	1
AT5G35170	0	0	0	0	0	0	-1	0	0	-1
AT5G35190	0	0	0	0	0	-1	0	0	0	-1
AT5G35200	0	0	0	0	0	0	1	0	0	1
AT5G35360	0	0	0	0	0	0	1	0	0	1
AT5G35370	0	0	0	0	0	0	1	0	0	1
AT5G35450	0	0	0	0	0	-1	0	0	0	-1
AT5G35460	0	0	0	0	0	1	0	0	0	1
AT5G35480	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G35530	0	0	0	0	0	0	-1	0	0	-1
AT5G35630	0	0	0	0	0	0	-1	0	0	-1
AT5G35660	0	0	0	0	0	-1	0	0	0	-1
AT5G35700	0	0	-1	0	0	0	0	0	0	-1
AT5G35735	0	0	0	0	0	1	1	0	0	1
AT5G35796	0	0	0	0	0	1	0	0	0	1
AT5G35914	0	0	0	0	0	-1	0	0	0	-1
AT5G35932	0	0	0	0	0	-1	0	0	0	-1
AT5G35935	0	0	0	0	0	-1	0	0	-1	-1
AT5G35940	-1	0	0	0	0	0	0	0	0	-1
AT5G35980	0	0	0	0	0	0	1	0	0	1
AT5G36150	0	0	0	0	0	-1	0	0	0	-1
AT5G36180	0	0	0	0	0	0	1	0	0	1
AT5G36220	0	0	0	0	0	-1	0	0	0	-1
AT5G36240	0	0	0	0	0	1	0	0	0	1
AT5G36260	0	0	0	0	0	1	0	0	0	1
AT5G36700	0	0	0	0	0	0	-1	0	0	-1
AT5G36790	0	0	0	0	0	0	-1	0	0	-1
AT5G36870	0	0	0	0	0	1	0	0	0	1
AT5G36910	-1	-1	0	0	0	0	0	0	0	-1
AT5G36925	0	0	0	0	0	0	0	1	0	1
AT5G36930	0	0	0	0	0	-1	0	0	0	-1
AT5G36940	0	0	0	0	0	1	0	0	0	1
AT5G37020	-1	-1	0	0	0	0	0	0	0	-1
AT5G37130	0	0	0	0	0	1	0	0	0	1
AT5G37210	0	0	0	0	0	1	0	0	0	1
AT5G37250	0	0	0	0	0	1	0	0	0	1
AT5G37300	0	0	0	0	0	1	0	0	0	1
AT5G37360	0	0	0	0	0	0	-1	0	0	-1
AT5G37370	0	0	-1	0	0	0	0	0	0	-1
AT5G37420	0	0	0	0	0	1	0	0	0	1
AT5G37440	0	0	0	0	0	-1	0	0	0	-1
AT5G37450	0	0	0	0	0	-1	0	0	0	-1
AT5G37485	0	0	0	0	0	-1	0	0	0	-1
AT5G37490	0	0	0	0	0	0	0	1	0	1
AT5G37500	0	0	0	0	0	1	0	0	0	1
AT5G37600	0	0	0	0	0	0	1	0	0	1
AT5G37740	0	0	0	0	0	0	1	0	0	1
AT5G37770	1	1	1	1	0	0	0	0	0	1
AT5G37780	0	0	0	0	0	0	1	0	0	1
AT5G37790	0	0	0	0	0	0	1	0	0	1
AT5G37840	0	0	0	0	0	1	0	1	1	1
AT5G37890	0	0	0	0	0	0	-1	0	0	-1
AT5G37940	0	0	0	0	0	0	0	-1	0	-1
AT5G37950	0	0	0	0	0	0	1	0	0	1
AT5G37990	0	0	0	0	0	-1	0	0	0	-1
AT5G38000	0	0	0	0	0	-1	0	-1	0	-1
AT5G38010	0	0	0	0	0	0	1	0	0	1
AT5G38020	0	0	0	0	0	-1	0	-1	0	-1
AT5G38030	0	0	0	0	0	-1	0	0	0	-1
AT5G38050	0	0	0	0	0	1	0	0	0	1
AT5G38100	0	0	0	0	0	-1	0	0	0	-1
AT5G38200	0	0	0	0	0	0	0	0	1	1
AT5G38230	0	0	0	0	0	-1	0	0	0	-1
AT5G38250	0	0	0	0	0	1	0	0	0	1
AT5G38260	0	0	0	0	0	1	0	0	0	1
AT5G38290	0	0	0	0	0	0	-1	0	0	-1
AT5G38300	0	0	0	0	0	1	0	0	0	1
AT5G38344	0	0	0	0	0	-1	0	0	0	-1
AT5G38350	0	0	0	0	0	-1	0	0	0	-1
AT5G38430	0	0	0	0	0	0	0	-1	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G38520	0	0	0	0	0	0	-1	0	0	-1
AT5G38530	0	0	0	0	0	0	1	0	0	1
AT5G38550	0	0	0	0	0	1	0	0	0	1
AT5G38590	0	0	0	0	0	1	0	0	0	1
AT5G38660	0	0	0	0	0	0	-1	0	0	-1
AT5G38710	0	0	0	0	0	1	0	1	1	1
AT5G38790	0	0	0	0	0	1	0	0	0	1
AT5G38900	0	0	0	0	0	1	0	1	1	1
AT5G38910	0	0	0	0	0	0	0	1	1	1
AT5G38940	0	0	0	0	0	0	-1	0	0	-1
AT5G38970	0	0	0	0	0	-1	0	0	0	-1
AT5G38980	0	0	0	0	0	-1	-1	0	0	-1
AT5G39030	0	0	0	0	0	1	0	0	0	1
AT5G39060	0	0	0	0	0	-1	0	0	0	-1
AT5G39070	0	0	0	0	0	1	0	0	0	1
AT5G39080	0	0	0	0	0	0	-1	0	0	-1
AT5G39130	0	0	0	0	0	-1	-1	0	0	-1
AT5G39150	0	0	0	0	0	-1	0	0	0	-1
AT5G39160	0	0	0	0	0	-1	-1	0	0	-1
AT5G39190	0	0	0	0	0	-1	-1	0	0	-1
AT5G39240	0	0	0	0	0	0	0	1	0	1
AT5G39260	0	0	0	0	0	-1	0	0	0	-1
AT5G39320	0	0	0	0	0	1	1	0	0	1
AT5G39380	0	0	0	0	0	1	0	0	0	1
AT5G39400	0	0	0	0	0	1	0	0	0	1
AT5G39471	0	0	0	0	0	-1	0	0	0	-1
AT5G39510	0	0	0	0	0	0	1	0	0	1
AT5G39520	0	0	0	0	0	1	0	0	0	1
AT5G39580	0	0	0	1	0	1	0	0	0	1
AT5G39600	0	0	0	0	0	0	-1	0	0	-1
AT5G39610	0	0	-1	0	0	0	0	0	0	-1
AT5G39640	0	0	0	0	0	1	0	0	0	1
AT5G39670	0	0	0	0	0	0	0	1	0	1
AT5G39770	0	0	0	0	0	1	0	0	0	1
AT5G39860	0	0	0	0	0	0	1	0	0	1
AT5G39970	0	0	0	0	0	1	0	0	1	1
AT5G40000	0	0	0	0	0	0	0	0	1	1
AT5G40010	0	0	0	0	0	1	0	0	0	1
AT5G40020	0	0	0	0	0	1	0	0	0	1
AT5G40160	0	0	0	-1	0	0	0	0	0	-1
AT5G40170	0	0	-1	0	0	0	0	0	0	-1
AT5G40380	1	1	0	0	0	0	0	0	0	1
AT5G40420	0	0	0	0	0	-1	0	0	0	-1
AT5G40480	0	0	-1	0	0	0	0	0	0	-1
AT5G40500	0	0	0	0	0	-1	0	0	0	-1
AT5G40570	0	0	0	0	0	1	0	0	0	1
AT5G40590	0	0	0	0	0	1	0	0	1	1
AT5G40610	0	0	0	0	0	-1	0	0	0	-1
AT5G40630	0	0	0	0	0	-1	0	-1	0	-1
AT5G40670	0	0	0	0	0	0	1	0	0	1
AT5G40690	0	0	0	0	0	1	1	0	0	1
AT5G40730	0	0	0	0	0	1	1	0	0	1
AT5G40760	0	0	0	0	0	0	1	0	0	1
AT5G40780	0	0	0	0	0	1	0	0	0	1
AT5G40850	0	-1	-1	0	0	0	0	0	0	-1
AT5G40890	1	1	0	0	0	0	1	0	0	1
AT5G40910	0	0	0	0	0	-1	0	0	0	-1
AT5G40950	0	0	0	0	0	0	-1	0	0	-1
AT5G40990	0	0	0	0	0	0	0	1	1	1
AT5G41040	0	0	0	0	0	1	1	0	0	1
AT5G41050	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G41080	1	1	0	0	0	1	1	0	0	1
AT5G41260	0	0	0	0	0	0	1	0	0	1
AT5G41315	0	0	0	0	0	-1	0	0	0	-1
AT5G41350	0	0	0	0	0	0	1	0	0	1
AT5G41410	0	0	0	0	0	1	1	0	0	1
AT5G41600	-1	-1	-1	0	0	0	0	0	0	-1
AT5G41650	0	0	0	0	0	0	-1	0	0	-1
AT5G41740	0	0	0	0	0	1	0	1	1	1
AT5G41750	0	0	0	0	0	1	0	1	1	1
AT5G41800	0	0	0	0	0	0	1	0	0	1
AT5G41830	0	0	0	0	0	1	0	0	0	1
AT5G41900	1	1	0	0	0	1	1	1	0	1
AT5G41920	0	0	0	0	0	0	-1	0	0	-1
AT5G41970	0	0	0	0	0	0	-1	0	0	-1
AT5G41990	0	0	0	0	0	0	1	0	0	1
AT5G42030	0	0	0	0	0	0	1	0	0	1
AT5G42070	0	0	0	0	0	0	-1	0	0	-1
AT5G42150	0	0	-1	0	0	0	0	0	0	-1
AT5G42180	0	0	0	0	0	1	1	0	0	1
AT5G42210	0	0	0	0	0	1	0	0	0	1
AT5G42240	0	0	0	0	0	0	-1	0	0	-1
AT5G42250	0	0	0	0	0	0	1	0	0	1
AT5G42270	0	0	0	0	0	0	-1	0	0	-1
AT5G42280	0	0	0	0	0	-1	0	0	0	-1
AT5G42330	0	0	0	0	0	1	0	0	0	1
AT5G42380	0	0	0	0	0	0	0	1	0	1
AT5G42460	0	0	0	0	0	-1	-1	0	0	-1
AT5G42500	0	0	0	0	0	1	1	0	0	1
AT5G42510	0	0	0	0	0	0	1	0	0	1
AT5G42530	0	0	0	0	0	1	0	1	1	1
AT5G42580	0	0	0	0	0	-1	0	0	0	-1
AT5G42590	0	0	0	0	0	-1	0	-1	0	-1
AT5G42600	0	0	0	0	0	-1	0	-1	0	-1
AT5G42620	0	0	0	0	0	0	1	0	0	1
AT5G42630	0	-1	0	0	0	-1	0	0	0	-1
AT5G42650	-1	-1	0	0	0	0	0	0	0	-1
AT5G42655	0	0	0	0	0	1	0	0	0	1
AT5G42660	0	0	0	0	0	1	0	0	0	1
AT5G42700	0	0	0	0	0	1	0	0	0	1
AT5G42750	0	0	-1	0	0	0	0	0	0	-1
AT5G42760	0	0	0	0	0	-1	0	0	0	-1
AT5G42810	0	0	-1	0	0	0	0	0	0	-1
AT5G42825	0	0	0	0	0	-1	0	0	0	-1
AT5G42830	0	0	0	0	0	0	0	1	1	1
AT5G42860	0	0	0	0	0	0	1	0	0	1
AT5G42930	0	0	0	0	0	1	0	0	0	1
AT5G42990	-1	0	0	0	0	0	-1	0	0	-1
AT5G43030	0	0	0	0	0	-1	0	0	0	-1
AT5G43040	0	0	0	0	0	-1	0	0	0	-1
AT5G43050	0	0	0	0	0	-1	0	0	0	-1
AT5G43060	0	0	0	0	0	1	1	0	0	1
AT5G43330	0	0	-1	0	0	0	0	0	0	-1
AT5G43360	0	0	0	0	0	1	0	0	0	1
AT5G43370	0	0	0	0	0	1	0	0	0	1
AT5G43403	0	0	0	0	0	-1	0	0	0	-1
AT5G43440	0	0	0	0	0	-1	0	0	0	-1
AT5G43450	0	0	0	0	0	0	0	0	1	1
AT5G43500	0	0	0	0	0	1	0	0	0	1
AT5G43570	0	0	0	0	0	1	0	0	0	1
AT5G43580	0	0	0	0	0	1	0	0	0	1
AT5G43660	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G43700	0	0	1	0	0	0	0	0	0	1
AT5G43745	0	0	0	0	0	-1	0	0	0	-1
AT5G43750	0	0	0	0	0	0	-1	0	0	-1
AT5G43760	1	1	1	0	0	1	1	0	0	1
AT5G43780	0	0	0	0	0	0	1	0	0	1
AT5G43810	0	0	0	0	0	0	-1	0	0	-1
AT5G43870	-1	0	0	0	0	0	0	0	0	-1
AT5G43880	0	0	0	0	0	0	1	0	0	1
AT5G43900	0	0	0	0	0	0	1	0	0	1
AT5G44020	0	1	0	0	0	0	0	0	0	1
AT5G44050	1	0	0	0	0	0	0	0	0	1
AT5G44060	1	1	1	0	0	1	1	0	0	1
AT5G44070	0	0	0	0	0	0	1	0	0	1
AT5G44120	0	0	0	0	0	-1	0	0	0	-1
AT5G44130	0	0	0	0	0	1	1	0	1	1
AT5G44190	0	0	0	0	0	0	-1	0	0	-1
AT5G44220	0	0	0	0	0	1	0	0	0	1
AT5G44260	0	0	0	0	0	0	-1	0	0	-1
AT5G44290	0	0	0	0	0	0	1	0	0	1
AT5G44310	0	0	0	0	0	-1	0	0	0	-1
AT5G44380	0	0	0	0	0	1	1	0	0	1
AT5G44390	0	0	0	0	0	1	0	0	0	1
AT5G44450	0	0	0	0	0	0	-1	0	0	-1
AT5G44520	0	0	0	0	0	0	-1	0	0	-1
AT5G44550	0	0	0	0	0	1	0	1	1	1
AT5G44560	0	0	0	0	0	1	0	0	0	1
AT5G44562	0	0	0	0	0	1	0	0	0	1
AT5G44565	0	0	0	0	0	1	0	0	0	1
AT5G44568	0	0	0	0	0	1	0	1	1	1
AT5G44572	0	0	0	0	0	1	0	1	0	1
AT5G44574	0	0	0	0	0	0	0	1	1	1
AT5G44575	0	0	0	0	0	0	0	1	1	1
AT5G44582	0	0	0	0	0	-1	0	0	0	-1
AT5G44585	0	0	0	0	0	0	0	1	0	1
AT5G44610	0	0	0	0	0	1	1	0	0	1
AT5G44670	1	1	1	0	0	1	1	0	0	1
AT5G44680	1	1	0	0	0	0	0	0	0	1
AT5G44690	0	0	0	0	0	1	0	0	0	1
AT5G44700	0	0	0	0	0	0	0	0	1	1
AT5G44730	0	0	0	0	0	0	-1	0	0	-1
AT5G44870	0	0	-1	0	0	0	0	0	0	-1
AT5G44875	0	0	0	0	0	1	0	0	0	1
AT5G44920	0	0	0	0	0	-1	0	0	0	-1
AT5G44980	0	0	0	0	0	-1	0	0	0	-1
AT5G44990	0	0	0	0	0	0	0	1	1	1
AT5G45040	0	0	0	0	0	0	-1	0	0	-1
AT5G45080	0	0	0	0	0	-1	0	0	0	-1
AT5G45090	0	0	0	0	0	0	0	1	0	1
AT5G45113	0	0	0	0	0	1	0	0	0	1
AT5G45210	0	0	0	0	0	1	1	0	0	1
AT5G45220	0	0	0	0	0	-1	0	0	0	-1
AT5G45280	0	0	0	0	0	1	1	0	0	1
AT5G45390	0	0	0	0	0	0	-1	0	0	-1
AT5G45410	0	0	0	0	0	0	1	0	0	1
AT5G45460	0	0	0	0	0	-1	0	0	0	-1
AT5G45490	0	0	0	0	0	-1	0	0	0	-1
AT5G45530	0	0	0	0	0	-1	0	0	0	-1
AT5G45670	1	1	1	0	1	1	1	0	1	1
AT5G45680	0	0	0	0	0	0	-1	0	0	-1
AT5G45690	0	0	0	0	0	-1	0	0	0	-1
AT5G45700	0	0	0	0	0	1	0	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G45820	-1	0	0	0	0	0	0	0	0	-1
AT5G45950	0	1	1	0	0	1	1	0	0	1
AT5G46040	0	0	0	0	0	1	0	0	0	1
AT5G46050	0	0	0	0	0	1	0	0	0	1
AT5G46060	0	0	0	0	0	1	0	0	0	1
AT5G46110	0	0	0	0	0	0	-1	0	0	-1
AT5G46270	0	0	0	0	0	1	0	0	0	1
AT5G46295	0	0	0	0	0	0	0	1	0	1
AT5G46330	-1	-1	0	0	0	0	-1	0	0	-1
AT5G46350	0	0	0	0	0	0	0	0	1	1
AT5G46450	0	0	-1	0	0	0	0	0	0	-1
AT5G46490	0	0	0	0	0	1	0	0	0	1
AT5G46500	0	0	0	0	0	1	0	0	0	1
AT5G46510	0	0	0	0	0	-1	0	0	0	-1
AT5G46520	0	0	0	0	0	-1	0	0	0	-1
AT5G46580	0	0	0	0	0	0	-1	0	0	-1
AT5G46590	1	1	1	0	0	1	1	0	1	1
AT5G46670	0	0	0	0	0	1	0	0	0	1
AT5G46710	0	0	0	0	0	0	-1	0	0	-1
AT5G46730	0	0	0	0	0	1	0	0	0	1
AT5G46760	0	0	0	0	0	0	1	0	0	1
AT5G46790	0	0	1	0	0	0	0	0	0	1
AT5G46800	0	0	0	0	0	0	-1	0	0	-1
AT5G46880	0	0	0	0	0	1	0	0	0	1
AT5G46900	0	0	0	0	0	0	1	0	0	1
AT5G46940	0	0	0	0	0	1	0	0	0	1
AT5G46950	0	0	0	0	0	1	0	1	1	1
AT5G47050	0	0	0	0	0	1	0	0	0	1
AT5G47100	0	0	0	0	0	1	0	0	0	1
AT5G47190	0	0	0	0	0	0	-1	0	0	-1
AT5G47200	0	0	0	0	0	0	1	0	0	1
AT5G47220	0	0	0	0	0	0	0	1	0	1
AT5G47240	0	0	0	0	0	1	0	0	0	1
AT5G47370	0	0	0	0	0	0	1	0	0	1
AT5G47380	-1	-1	0	0	0	0	0	0	0	-1
AT5G47435	0	0	0	0	0	0	-1	0	0	-1
AT5G47450	0	0	0	0	0	1	1	0	0	1
AT5G47480	0	0	0	0	0	0	1	0	0	1
AT5G47540	1	1	1	0	0	0	0	0	0	1
AT5G47550	1	1	0	0	0	0	1	0	0	1
AT5G47560	0	0	0	0	0	0	1	0	0	1
AT5G47590	0	0	0	0	0	0	0	1	0	1
AT5G47610	0	0	0	0	0	0	-1	0	0	-1
AT5G47650	0	-1	0	0	0	0	0	0	0	-1
AT5G47730	0	0	0	0	0	0	1	0	0	1
AT5G47740	0	0	0	0	0	1	0	0	0	1
AT5G47770	0	0	0	0	0	0	1	0	0	1
AT5G47810	0	0	0	0	0	0	-1	0	0	-1
AT5G47830	0	0	0	0	0	0	-1	0	0	-1
AT5G47840	0	0	0	0	0	0	-1	0	0	-1
AT5G47890	0	0	0	0	0	0	-1	0	0	-1
AT5G47910	0	0	0	0	0	0	1	0	1	1
AT5G47950	0	0	0	0	0	-1	0	-1	0	-1
AT5G47960	0	0	0	0	0	0	1	0	0	1
AT5G47980	0	0	0	0	0	-1	0	-1	0	-1
AT5G48090	0	0	0	0	0	1	0	0	0	1
AT5G48220	0	0	0	0	0	0	-1	0	0	-1
AT5G48290	0	0	0	0	0	1	0	0	0	1
AT5G48310	0	0	0	0	0	1	0	0	0	1
AT5G48350	0	0	0	0	0	1	0	0	0	1
AT5G48380	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G48450	1	1	0	0	0	0	0	0	0	1
AT5G48460	0	0	0	0	0	0	1	0	0	1
AT5G48485	0	0	0	0	0	0	-1	0	0	-1
AT5G48540	0	0	0	0	0	1	0	1	1	1
AT5G48560	0	0	0	0	0	0	1	0	0	1
AT5G48650	0	0	0	0	0	-1	0	0	0	-1
AT5G48657	0	0	0	0	0	0	0	0	1	1
AT5G48670	0	0	0	0	0	1	0	0	0	1
AT5G48740	0	0	0	0	0	1	0	0	0	1
AT5G48790	0	0	0	0	0	0	-1	0	0	-1
AT5G48810	0	0	0	0	0	0	-1	0	0	-1
AT5G48870	0	0	1	0	0	0	0	0	0	1
AT5G48930	0	0	-1	0	0	0	0	0	0	-1
AT5G48940	0	0	0	0	0	-1	0	0	0	-1
AT5G48970	0	0	-1	0	0	0	0	0	0	-1
AT5G49030	0	0	0	0	0	0	-1	0	0	-1
AT5G49100	-1	-1	-1	0	0	0	0	0	0	-1
AT5G49160	0	0	0	0	0	0	-1	0	0	-1
AT5G49230	0	0	-1	0	0	0	0	0	0	-1
AT5G49270	0	0	0	0	0	-1	0	0	0	-1
AT5G49360	0	0	0	0	0	0	1	0	0	1
AT5G49480	0	0	-1	0	0	0	0	0	0	-1
AT5G49520	0	0	0	0	0	1	0	0	1	1
AT5G49550	0	0	0	0	0	0	-1	0	0	-1
AT5G49555	0	0	0	0	0	0	-1	0	0	-1
AT5G49580	0	0	0	0	0	0	1	0	0	1
AT5G49630	0	0	0	1	0	0	0	0	0	1
AT5G49690	0	0	0	0	0	0	0	0	1	1
AT5G49710	0	0	0	0	0	0	1	0	0	1
AT5G49850	0	0	0	0	0	1	0	1	0	1
AT5G49890	0	0	0	0	0	0	1	0	0	1
AT5G50000	0	0	0	0	0	0	1	0	0	1
AT5G50010	0	0	0	0	0	0	0	-1	-1	-1
AT5G50130	0	0	0	0	0	-1	0	0	0	-1
AT5G50200	0	0	0	0	0	1	0	0	0	1
AT5G50210	0	0	-1	0	0	0	0	0	0	-1
AT5G50250	0	0	0	0	0	0	-1	0	0	-1
AT5G50270	0	0	0	0	0	1	0	0	0	1
AT5G50300	0	0	0	0	0	-1	0	0	0	-1
AT5G50335	1	1	1	0	0	0	0	1	0	1
AT5G50430	0	0	0	0	0	0	1	0	0	1
AT5G50450	0	0	0	0	0	0	-1	0	0	-1
AT5G50550	0	0	0	0	0	-1	0	0	0	-1
AT5G50560	0	0	0	0	0	-1	0	0	0	-1
AT5G50565	0	0	0	0	0	-1	0	0	0	-1
AT5G50580	0	0	0	0	0	-1	-1	0	0	-1
AT5G50600	0	0	0	0	0	-1	0	0	0	-1
AT5G50650	0	0	0	0	0	-1	0	0	0	-1
AT5G50660	0	0	0	0	0	-1	0	0	0	-1
AT5G50670	0	0	0	0	0	-1	0	0	0	-1
AT5G50680	0	0	0	0	0	-1	-1	0	0	-1
AT5G50700	0	0	0	0	0	-1	0	0	0	-1
AT5G50750	0	0	0	0	0	1	0	0	0	1
AT5G50820	0	0	0	0	0	-1	0	0	0	-1
AT5G50900	0	0	1	0	0	0	0	0	0	1
AT5G51010	0	0	0	0	0	0	-1	0	0	-1
AT5G51060	0	0	0	0	0	0	1	0	0	1
AT5G51100	0	0	0	0	0	-1	-1	0	0	-1
AT5G51110	0	0	0	0	0	0	-1	0	0	-1
AT5G51140	0	0	0	0	0	0	-1	0	0	-1
AT5G51190	1	1	0	0	0	1	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G51200	0	0	0	0	0	0	1	0	0	1
AT5G51210	0	0	0	0	0	1	0	0	0	1
AT5G51300	0	0	-1	0	0	0	0	0	0	-1
AT5G51460	0	0	0	0	0	-1	0	0	0	-1
AT5G51470	0	0	0	0	0	-1	0	0	0	-1
AT5G51500	0	0	0	0	0	-1	0	0	0	-1
AT5G51545	0	0	0	0	0	0	-1	0	0	-1
AT5G51550	1	1	1	0	0	0	0	0	0	1
AT5G51580	0	0	0	0	0	1	0	0	0	1
AT5G51600	0	0	0	0	0	1	0	0	0	1
AT5G51620	0	0	1	0	0	0	0	0	0	1
AT5G51640	0	0	0	0	0	0	1	0	0	1
AT5G51660	0	0	0	0	0	0	-1	0	0	-1
AT5G51730	0	0	0	0	0	-1	0	0	0	-1
AT5G51820	0	0	0	0	0	0	-1	0	0	-1
AT5G51830	-1	-1	-1	0	0	-1	0	0	0	-1
AT5G51850	0	0	0	0	0	1	0	0	0	1
AT5G51910	0	0	0	0	0	0	-1	0	0	-1
AT5G51960	0	0	0	0	0	0	-1	0	0	-1
AT5G51980	0	0	0	0	0	-1	0	0	0	-1
AT5G52060	0	0	0	0	0	0	1	0	0	1
AT5G52100	0	0	0	0	0	0	-1	0	0	-1
AT5G52110	0	0	0	0	0	0	-1	0	0	-1
AT5G52120	1	1	0	0	0	1	1	0	0	1
AT5G52190	0	0	0	0	0	0	-1	0	0	-1
AT5G52310	0	0	0	0	0	0	0	0	-1	-1
AT5G52320	0	0	0	0	0	1	0	0	1	1
AT5G52420	0	0	-1	0	0	0	0	0	0	-1
AT5G52470	0	0	0	0	0	0	-1	0	0	-1
AT5G52560	0	0	0	0	0	0	1	0	0	1
AT5G52580	0	0	0	0	0	0	1	0	0	1
AT5G52650	0	0	0	0	0	0	-1	0	0	-1
AT5G52670	0	0	0	0	0	1	0	1	0	1
AT5G52720	0	0	0	0	0	1	0	1	1	1
AT5G52750	0	0	0	0	0	0	0	1	0	1
AT5G52760	0	0	0	0	0	0	0	1	0	1
AT5G52790	0	0	0	0	0	1	0	0	0	1
AT5G52800	0	0	0	0	0	1	0	0	0	1
AT5G52810	0	0	0	0	0	1	0	0	0	1
AT5G52870	0	0	0	0	0	-1	0	0	0	-1
AT5G52890	0	0	0	0	0	1	0	0	0	1
AT5G52900	0	0	1	0	0	1	0	0	0	1
AT5G52910	0	0	0	0	0	1	0	0	0	1
AT5G52960	0	0	0	0	0	0	-1	0	0	-1
AT5G52970	0	0	0	0	0	0	-1	0	0	-1
AT5G53010	0	0	0	0	0	-1	0	0	0	-1
AT5G53045	0	0	0	0	0	-1	0	0	0	-1
AT5G53080	0	0	0	0	0	0	-1	0	0	-1
AT5G53160	0	0	0	0	0	0	-1	0	0	-1
AT5G53190	0	0	0	0	0	0	1	0	0	1
AT5G53250	0	1	0	0	0	1	1	0	0	1
AT5G53280	0	0	0	0	0	0	1	0	0	1
AT5G53350	0	0	0	0	0	0	1	0	0	1
AT5G53370	0	0	0	0	0	1	0	0	0	1
AT5G53450	-1	0	0	0	0	0	0	0	0	-1
AT5G53480	0	0	0	0	0	0	1	0	0	1
AT5G53500	0	0	0	0	0	0	-1	0	0	-1
AT5G53590	0	0	0	0	0	0	1	0	0	1
AT5G53730	0	0	0	0	0	1	0	0	0	1
AT5G53820	0	0	0	0	0	0	-1	0	0	-1
AT5G53870	0	0	0	0	0	0	0	-1	-1	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G53890	0	-1	0	0	0	0	-1	0	0	-1
AT5G53900	0	0	0	0	0	0	-1	0	0	-1
AT5G53940	0	0	0	0	0	0	-1	0	0	-1
AT5G53950	0	0	0	0	0	-1	0	0	0	-1
AT5G53970	0	0	0	0	0	-1	0	0	0	-1
AT5G53980	-1	-1	0	0	-1	0	0	0	0	-1
AT5G53990	0	0	0	0	0	1	0	0	1	1
AT5G54000	0	0	0	0	0	-1	0	0	0	-1
AT5G54020	0	0	0	0	0	-1	0	0	0	-1
AT5G54030	0	0	0	0	0	1	0	0	0	1
AT5G54040	0	0	0	0	0	-1	0	0	0	-1
AT5G54050	0	0	0	0	0	1	0	0	0	1
AT5G54080	0	0	0	0	0	0	0	1	0	1
AT5G54160	0	0	0	0	0	0	1	0	0	1
AT5G54180	0	0	0	0	0	0	-1	0	0	-1
AT5G54206	0	0	0	0	0	1	0	0	0	1
AT5G54240	0	0	0	0	0	0	0	1	0	1
AT5G54270	0	0	0	0	0	0	-1	0	0	-1
AT5G54280	0	0	0	0	0	0	-1	0	0	-1
AT5G54290	0	0	0	0	0	0	-1	0	0	-1
AT5G54370	0	0	0	0	0	-1	0	0	0	-1
AT5G54380	1	1	0	0	0	0	1	0	0	1
AT5G54390	-1	-1	-1	0	0	0	0	0	0	-1
AT5G54490	0	0	0	0	0	1	0	0	0	1
AT5G54500	0	0	0	0	0	0	1	0	0	1
AT5G54510	-1	-1	0	0	0	0	-1	0	0	-1
AT5G54600	0	0	0	0	0	0	-1	0	0	-1
AT5G54640	0	0	1	0	0	0	0	0	0	1
AT5G54700	0	0	0	0	0	0	0	1	1	1
AT5G54710	0	0	0	0	0	0	0	1	1	1
AT5G54740	0	0	0	0	0	-1	0	0	0	-1
AT5G54770	0	0	0	0	0	0	-1	0	0	-1
AT5G54860	0	0	0	0	0	0	1	0	0	1
AT5G54870	0	0	0	0	0	1	1	0	0	1
AT5G54980	0	0	0	0	0	0	-1	0	0	-1
AT5G55120	-1	0	0	0	0	0	0	0	0	-1
AT5G55125	0	0	0	0	0	-1	0	0	0	-1
AT5G55180	0	0	0	0	0	1	0	0	0	1
AT5G55210	0	0	-1	0	0	0	0	0	0	-1
AT5G55250	0	0	0	0	0	-1	0	0	0	-1
AT5G55360	0	0	0	0	0	1	0	0	0	1
AT5G55380	0	0	0	0	0	0	1	0	0	1
AT5G55390	0	-1	0	0	0	0	0	0	0	-1
AT5G55480	0	0	0	0	0	0	1	0	0	1
AT5G55490	0	0	0	0	0	-1	0	0	0	-1
AT5G55620	0	0	0	0	0	0	-1	0	0	-1
AT5G55700	0	0	0	0	0	0	-1	0	0	-1
AT5G55710	0	0	0	0	0	0	-1	0	0	-1
AT5G55770	0	0	0	0	0	1	0	0	0	1
AT5G55780	0	0	0	0	0	1	0	0	0	1
AT5G55790	0	0	0	0	0	0	-1	0	0	-1
AT5G55800	0	0	0	0	0	1	0	0	0	1
AT5G55830	0	0	0	0	0	1	1	0	0	1
AT5G55860	0	0	0	0	0	0	1	0	0	1
AT5G55896	0	0	0	0	0	-1	0	0	0	-1
AT5G55960	0	1	0	0	0	1	1	0	0	1
AT5G55970	0	0	0	0	0	0	1	0	0	1
AT5G56000	0	0	0	0	0	0	1	0	0	1
AT5G56010	0	0	0	0	0	0	1	0	0	1
AT5G56170	1	1	1	0	0	0	0	0	0	1
AT5G56320	0	0	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G56350	0	0	0	0	0	0	1	0	0	1
AT5G56370	0	0	0	0	0	-1	0	0	0	-1
AT5G56380	0	0	0	0	0	-1	0	0	0	-1
AT5G56540	0	0	0	0	0	0	1	0	0	1
AT5G56580	0	0	0	0	0	1	0	0	0	1
AT5G56650	0	0	0	0	0	0	-1	0	0	-1
AT5G56660	0	0	0	0	0	0	-1	0	0	-1
AT5G56747	0	0	0	0	0	-1	0	0	0	-1
AT5G56750	1	0	0	0	0	0	0	0	0	1
AT5G56810	0	0	0	0	0	-1	0	0	0	-1
AT5G56850	0	0	0	0	0	0	0	-1	0	-1
AT5G56860	0	0	0	0	0	0	1	0	0	1
AT5G56870	0	0	0	0	0	0	1	0	0	1
AT5G56910	0	0	0	0	0	-1	0	0	0	-1
AT5G56960	0	0	0	0	0	0	0	1	0	1
AT5G56970	0	0	0	0	0	-1	0	0	0	-1
AT5G56980	-1	-1	0	0	0	0	0	0	0	-1
AT5G57000	0	0	0	0	0	0	-1	0	0	-1
AT5G57020	0	0	0	0	0	0	-1	0	0	-1
AT5G57040	0	0	0	0	0	0	1	0	0	1
AT5G57080	0	0	0	0	0	0	1	0	0	1
AT5G57090	0	0	0	0	0	0	1	0	0	1
AT5G57150	0	0	0	0	0	0	-1	0	0	-1
AT5G57170	0	0	0	0	0	0	-1	0	0	-1
AT5G57220	0	0	0	0	0	1	0	1	0	1
AT5G57230	0	0	0	0	0	0	-1	0	0	-1
AT5G57300	0	0	0	0	0	0	-1	0	0	-1
AT5G57345	0	0	0	0	0	0	-1	0	0	-1
AT5G57370	0	0	0	0	0	0	-1	0	0	-1
AT5G57440	0	0	0	0	0	0	1	0	0	1
AT5G57480	0	0	0	0	0	0	1	0	0	1
AT5G57510	0	0	0	0	0	1	0	1	1	1
AT5G57530	0	0	0	0	0	-1	0	0	0	-1
AT5G57550	0	0	0	1	0	1	0	0	0	1
AT5G57560	1	1	1	1	1	0	0	0	0	1
AT5G57590	0	0	-1	0	0	0	0	0	0	-1
AT5G57610	0	0	0	0	0	0	1	0	0	1
AT5G57620	0	0	0	0	0	0	-1	0	0	-1
AT5G57625	0	0	0	0	0	-1	0	-1	-1	-1
AT5G57740	0	0	0	0	0	0	-1	0	0	-1
AT5G57780	-1	-1	-1	0	0	0	-1	0	0	-1
AT5G57790	0	0	0	0	0	-1	0	0	-1	-1
AT5G57920	0	0	1	0	0	0	0	0	0	1
AT5G57930	0	0	0	0	0	0	-1	0	0	-1
AT5G57940	0	0	0	0	0	0	-1	0	0	-1
AT5G58010	0	0	0	0	0	-1	0	0	0	-1
AT5G58120	0	0	0	0	0	1	0	0	0	1
AT5G58210	0	0	0	0	0	0	-1	0	0	-1
AT5G58220	0	0	0	0	0	0	-1	0	0	-1
AT5G58240	0	0	0	0	0	0	-1	0	0	-1
AT5G58250	0	0	0	0	0	0	-1	0	0	-1
AT5G58260	0	0	-1	0	0	0	-1	0	0	-1
AT5G58320	0	0	0	0	0	1	0	0	0	1
AT5G58330	0	0	0	0	0	0	1	0	0	1
AT5G58350	0	0	0	0	0	1	0	0	0	1
AT5G58360	0	0	0	0	1	1	0	0	0	1
AT5G58410	0	0	-1	0	0	0	0	0	0	-1
AT5G58440	0	0	0	0	0	0	-1	0	0	-1
AT5G58480	0	0	0	0	0	0	-1	0	0	-1
AT5G58490	0	0	0	0	0	0	1	0	0	1
AT5G58520	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G58560	0	0	0	0	0	0	-1	0	0	-1
AT5G58570	0	0	0	0	0	0	-1	0	0	-1
AT5G58600	0	0	0	0	0	-1	-1	0	0	-1
AT5G58620	0	0	1	0	0	0	0	0	0	1
AT5G58650	0	0	-1	0	0	0	0	0	0	-1
AT5G58670	0	0	0	1	0	0	0	0	0	1
AT5G58750	0	0	0	0	0	1	0	0	1	1
AT5G58780	0	0	0	0	0	-1	0	0	0	-1
AT5G58784	0	0	0	0	0	-1	0	0	0	-1
AT5G58820	0	0	0	0	0	1	0	0	0	1
AT5G58840	0	0	0	0	0	1	0	0	0	1
AT5G58860	0	0	0	0	0	0	0	0	1	1
AT5G58960	0	0	0	0	0	0	1	0	0	1
AT5G59000	1	0	0	0	0	0	0	0	0	1
AT5G59010	0	0	0	0	0	0	1	0	0	1
AT5G59050	0	0	0	0	0	1	1	0	0	1
AT5G59090	0	0	0	0	0	0	-1	0	0	-1
AT5G59100	0	0	0	0	0	1	0	0	0	1
AT5G59120	0	0	0	0	0	1	0	0	0	1
AT5G59180	0	0	0	0	0	1	0	0	0	1
AT5G59220	0	0	0	0	0	1	0	0	0	1
AT5G59250	0	0	0	0	0	0	1	0	0	1
AT5G59380	0	0	0	0	0	0	-1	0	0	-1
AT5G59400	-1	0	0	0	0	0	0	0	0	-1
AT5G59430	0	0	-1	0	0	0	0	0	0	-1
AT5G59440	0	0	0	0	0	0	-1	0	0	-1
AT5G59480	0	0	-1	0	0	0	0	0	0	-1
AT5G59500	0	0	0	0	0	0	1	0	0	1
AT5G59570	0	0	0	0	0	0	-1	0	0	-1
AT5G59650	0	0	0	0	0	1	0	0	0	1
AT5G59670	0	0	0	0	0	1	0	0	0	1
AT5G59680	0	0	0	0	0	1	0	0	0	1
AT5G59720	0	0	0	0	0	0	0	0	1	1
AT5G59750	0	0	0	0	0	0	1	0	0	1
AT5G59820	0	0	0	0	0	1	0	0	0	1
AT5G59870	0	0	0	0	0	0	1	0	0	1
AT5G59910	0	0	0	0	0	0	1	0	0	1
AT5G59920	0	0	0	0	0	0	-1	0	0	-1
AT5G59990	0	0	0	0	0	-1	0	0	0	-1
AT5G60100	0	0	0	0	0	1	0	0	0	1
AT5G60230	0	0	0	0	0	0	1	0	0	1
AT5G60260	0	0	0	0	0	-1	0	0	0	-1
AT5G60270	1	0	0	0	0	0	0	0	0	1
AT5G60300	0	0	0	0	0	0	1	0	0	1
AT5G60340	0	0	0	0	0	-1	0	0	0	-1
AT5G60440	0	0	0	0	0	-1	0	0	0	-1
AT5G60460	0	0	0	0	0	-1	0	0	0	-1
AT5G60480	0	0	0	0	0	1	0	0	0	1
AT5G60490	0	0	0	0	0	1	0	0	0	1
AT5G60520	0	0	0	0	0	-1	0	0	0	-1
AT5G60530	0	0	0	0	0	-1	0	0	0	-1
AT5G60670	0	0	0	0	0	0	-1	0	0	-1
AT5G60850	-1	-1	0	0	0	0	-1	0	0	-1
AT5G60860	0	0	0	0	0	0	1	0	0	1
AT5G60900	0	0	0	0	0	0	0	0	1	1
AT5G60920	0	1	0	0	0	0	0	0	0	1
AT5G60930	0	0	0	0	0	1	0	0	0	1
AT5G60950	0	-1	0	0	0	-1	0	0	0	-1
AT5G61010	0	0	0	0	0	1	0	0	0	1
AT5G61200	0	0	0	0	0	1	0	0	0	1
AT5G61210	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G61410	0	0	0	0	0	0	-1	0	0	-1
AT5G61420	0	0	0	0	0	-1	0	0	0	-1
AT5G61440	1	1	0	0	0	0	0	0	0	1
AT5G61450	0	0	1	0	0	0	0	0	0	1
AT5G61520	1	1	0	0	0	0	1	0	0	1
AT5G61570	1	1	0	0	0	0	1	0	0	1
AT5G61650	0	0	0	0	0	1	0	0	0	1
AT5G61660	0	0	0	0	0	1	1	0	0	1
AT5G61900	0	0	0	0	0	0	-1	0	0	-1
AT5G62090	0	0	1	0	0	0	0	0	0	1
AT5G62220	1	1	1	0	0	0	0	0	0	1
AT5G62290	0	0	0	0	0	0	-1	0	0	-1
AT5G62340	0	0	0	0	0	-1	0	0	0	-1
AT5G62430	-1	-1	0	0	0	0	0	0	0	-1
AT5G62480	0	0	0	0	0	1	0	0	0	1
AT5G62490	0	0	0	0	0	-1	0	0	0	-1
AT5G62550	0	0	0	0	0	1	0	0	0	1
AT5G62575	0	0	0	0	0	0	-1	0	0	-1
AT5G62730	1	0	0	0	0	0	0	0	0	1
AT5G62770	0	0	0	0	0	1	0	0	0	1
AT5G62900	-1	-1	0	0	0	0	0	0	0	-1
AT5G62910	0	0	0	0	0	0	1	0	0	1
AT5G62920	-1	-1	0	0	0	0	-1	0	-1	-1
AT5G62980	0	0	0	0	0	0	1	0	0	1
AT5G63110	0	0	0	0	0	0	-1	0	0	-1
AT5G63200	0	0	0	0	0	0	-1	0	0	-1
AT5G63250	0	0	0	0	0	0	0	1	1	1
AT5G63310	0	0	0	0	0	0	-1	0	0	-1
AT5G63350	0	0	0	0	0	1	0	0	0	1
AT5G63400	0	0	0	0	0	0	1	0	0	1
AT5G63410	1	1	0	0	0	0	0	0	0	1
AT5G63470	0	0	1	0	0	0	0	0	0	1
AT5G63570	0	0	0	0	0	0	1	0	0	1
AT5G63590	0	0	0	0	0	0	1	0	0	1
AT5G63600	0	0	0	0	0	0	-1	0	0	-1
AT5G63630	0	0	0	0	0	0	1	0	0	1
AT5G63650	0	0	0	0	0	0	1	0	0	1
AT5G63660	0	-1	0	0	0	0	0	0	0	-1
AT5G63770	0	0	0	0	0	0	1	0	0	1
AT5G63790	-1	-1	-1	0	0	0	0	0	0	-1
AT5G63800	0	0	0	0	0	1	1	0	0	1
AT5G63810	1	0	0	0	0	0	1	0	0	1
AT5G63820	0	0	0	0	0	1	0	0	1	1
AT5G63850	0	0	0	0	0	0	0	0	1	1
AT5G63910	0	0	-1	0	0	0	0	0	0	-1
AT5G63970	0	0	0	0	0	0	-1	0	0	-1
AT5G64040	0	0	0	0	0	0	1	0	0	1
AT5G64070	0	0	0	0	0	0	-1	0	0	-1
AT5G64100	0	0	0	1	0	0	0	0	0	1
AT5G64110	0	0	0	0	0	0	-1	0	0	-1
AT5G64120	0	0	0	0	0	-1	0	0	0	-1
AT5G64150	0	0	0	0	0	0	-1	0	0	-1
AT5G64190	0	0	0	0	0	1	0	0	0	1
AT5G64240	0	0	0	0	0	0	-1	0	0	-1
AT5G64250	0	-1	0	0	0	0	0	0	0	-1
AT5G64260	-1	-1	-1	0	0	0	0	0	0	-1
AT5G64280	0	0	0	0	0	0	1	0	0	1
AT5G64370	0	0	0	0	0	0	-1	0	0	-1
AT5G64380	0	0	0	0	0	0	1	0	0	1
AT5G64440	0	0	-1	0	0	0	0	0	0	-1
AT5G64570	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G64740	1	1	0	0	0	0	0	0	0	1
AT5G64750	0	0	0	0	0	0	0	0	1	1
AT5G64770	1	1	1	0	1	0	0	1	1	1
AT5G64780	1	1	1	0	0	0	0	0	1	1
AT5G64810	0	0	0	0	0	0	0	1	1	1
AT5G64816	0	0	0	0	0	0	-1	0	0	-1
AT5G64860	0	0	0	0	0	0	1	0	0	1
AT5G64890	0	0	0	0	0	0	0	1	0	1
AT5G64905	0	0	0	0	0	0	0	1	0	1
AT5G65110	0	0	0	0	0	0	1	0	0	1
AT5G65140	0	0	0	0	0	1	1	0	0	1
AT5G65210	0	0	0	0	0	0	-1	0	0	-1
AT5G65220	0	0	0	0	0	0	1	0	0	1
AT5G65280	0	0	0	0	0	-1	0	0	0	-1
AT5G65300	0	-1	-1	0	0	0	0	0	0	-1
AT5G65360	0	0	0	0	0	0	1	0	0	1
AT5G65410	0	0	0	0	0	0	1	0	0	1
AT5G65470	0	0	0	0	0	0	1	0	0	1
AT5G65480	0	0	0	0	0	0	1	0	0	1
AT5G65600	0	0	0	0	0	1	0	1	1	1
AT5G65610	1	1	0	0	0	0	0	0	0	1
AT5G65630	0	0	0	0	0	0	1	0	0	1
AT5G65640	0	0	0	0	0	0	1	0	0	1
AT5G65650	0	0	-1	0	0	0	0	0	0	-1
AT5G65670	0	0	0	0	0	0	1	0	0	1
AT5G65690	0	0	0	0	0	0	0	0	1	1
AT5G65730	0	0	0	0	0	-1	0	-1	-1	-1
AT5G65790	0	0	0	0	0	1	0	0	0	1
AT5G65800	0	1	0	0	0	1	1	1	1	1
AT5G65870	0	0	-1	0	0	0	0	0	0	-1
AT5G65925	0	0	0	0	0	1	0	0	0	1
AT5G65950	0	0	0	0	0	0	-1	0	0	-1
AT5G65980	0	0	0	0	0	1	0	0	0	1
AT5G66080	-1	-1	0	0	0	0	-1	0	0	-1
AT5G66090	0	0	0	0	0	0	-1	0	0	-1
AT5G66110	0	0	0	0	0	0	-1	0	0	-1
AT5G66170	0	0	0	0	0	0	0	0	-1	-1
AT5G66190	0	0	0	0	0	0	1	0	0	1
AT5G66210	0	0	0	0	0	0	1	0	0	1
AT5G66230	0	0	0	0	0	1	1	0	0	1
AT5G66260	0	0	0	0	0	1	0	0	0	1
AT5G66280	0	0	0	0	0	0	1	0	0	1
AT5G66330	0	-1	0	0	0	0	0	0	0	-1
AT5G66400	0	0	0	0	0	-1	0	-1	0	-1
AT5G66420	0	-1	0	0	0	0	0	0	0	-1
AT5G66520	0	0	-1	0	0	0	0	0	0	-1
AT5G66530	0	0	0	0	0	0	-1	0	0	-1
AT5G66550	0	0	0	0	0	0	-1	0	0	-1
AT5G66570	0	0	0	0	0	0	1	0	0	1
AT5G66700	0	0	0	0	0	0	1	0	0	1
AT5G66750	0	0	0	0	0	0	1	0	0	1
AT5G66760	0	0	0	0	0	0	1	0	0	1
AT5G66850	0	0	-1	0	0	0	0	0	0	-1
AT5G66890	0	0	0	0	0	0	0	0	1	1
AT5G66920	1	1	0	0	0	0	1	0	0	1
AT5G66950	0	0	0	0	0	0	-1	0	0	-1
AT5G66985	0	0	-1	0	0	-1	0	0	0	-1
AT5G67020	0	0	0	0	0	1	0	0	0	1
AT5G67080	1	1	0	0	0	0	0	0	0	1
AT5G67090	0	0	0	0	0	1	0	0	0	1
AT5G67260	0	0	0	0	0	0	1	0	0	1

Appendix Table S1

Name	1	2	3	4	5	6	7	bes1D_Col	bes1Dpif45_pif45	ALL_BES
AT5G67270	0	0	0	0	0	1	0	0	0	1
AT5G67340	0	0	0	0	0	1	0	0	1	1
AT5G67370	0	0	0	0	0	1	0	0	0	1
AT5G67390	0	0	0	0	0	0	-1	0	0	-1
AT5G67400	0	0	0	0	0	-1	0	0	0	-1
AT5G67420	0	0	-1	0	0	0	-1	0	0	-1
AT5G67480	0	0	0	0	0	-1	0	0	0	-1
AT5G67490	0	0	0	0	0	0	1	0	0	1

Appendix Table S2. PIF-regulated genes according to differential expression data. See legend for details.

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01060	0	0	0	0	0	0	-1	0	0	-1
AT1G01070	0	0	0	1	0	0	0	0	0	1
AT1G01071	0	0	0	1	0	0	0	0	0	1
AT1G01072	0	0	0	1	0	0	0	0	0	1
AT1G01073	0	0	0	1	0	0	0	0	0	1
AT1G01074	0	0	0	1	0	0	0	0	0	1
AT1G01075	0	0	0	1	0	0	0	0	0	1
AT1G01076	0	0	0	1	0	0	0	0	0	1
AT1G01077	0	0	0	1	0	0	0	0	0	1
AT1G01078	0	0	0	1	0	0	0	0	0	1
AT1G01079	0	0	0	1	0	0	0	0	0	1
AT1G01080	0	0	0	1	0	0	0	0	0	1
AT1G01081	0	0	0	1	0	0	0	0	0	1
AT1G01082	0	0	0	1	0	0	0	0	0	1
AT1G01083	0	0	0	1	0	0	0	0	0	1
AT1G01084	0	0	0	1	0	0	0	0	0	1
AT1G01085	0	0	0	1	0	0	0	0	0	1
AT1G01086	0	0	0	1	0	0	0	0	0	1
AT1G01087	0	0	0	1	0	0	0	0	0	1
AT1G01088	0	0	0	1	0	0	0	0	0	1
AT1G01089	0	0	0	1	0	0	0	0	0	1
AT1G01090	0	0	0	1	0	0	0	0	0	1
AT1G01091	0	0	0	1	0	0	0	0	0	1
AT1G01092	0	0	0	1	0	0	0	0	0	1
AT1G01093	0	0	0	1	0	0	0	0	0	1
AT1G01094	0	0	0	1	0	0	0	0	0	1
AT1G01095	0	0	0	1	0	0	0	0	0	1
AT1G01096	0	0	0	1	0	0	0	0	0	1
AT1G01097	0	0	0	1	0	0	0	0	0	1
AT1G01098	0	0	0	1	0	0	0	0	0	1
AT1G01099	0	0	0	1	0	0	0	0	0	1
AT1G01100	0	0	0	1	0	0	0	0	0	1
AT1G01101	0	0	0	1	0	0	0	0	0	1
AT1G01102	0	0	0	1	0	0	0	0	0	1
AT1G01103	0	0	0	1	0	0	0	0	0	1
AT1G01104	0	0	0	1	0	0	0	0	0	1
AT1G01105	0	0	0	1	0	0	0	0	0	1
AT1G01106	0	0	0	1	0	0	0	0	0	1
AT1G01107	0	0	0	1	0	0	0	0	0	1
AT1G01108	0	0	0	1	0	0	0	0	0	1
AT1G01109	0	0	0	1	0	0	0	0	0	1
AT1G01110	0	0	0	1	0	0	0	0	0	1
AT1G01111	0	0	0	1	0	0	0	0	0	1
AT1G01112	0	0	0	1	0	0	0	0	0	1
AT1G01113	0	0	0	1	0	0	0	0	0	1
AT1G01114	0	0	0	1	0	0	0	0	0	1
AT1G01115	0	0	0	1	0	0	0	0	0	1
AT1G01116	0	0	0	1	0	0	0	0	0	1
AT1G01117	0	0	0	1	0	0	0	0	0	1
AT1G01118	0	0	0	1	0	0	0	0	0	1
AT1G01119	0	0	0	1	0	0	0	0	0	1
AT1G01120	0	0	0	1	0	0	0	0	0	1
AT1G01120	0	1	0	1	0	0	0	0	0	1
AT1G01121	0	0	0	1	0	0	0	0	0	1
AT1G01122	0	0	0	1	0	0	0	0	0	1
AT1G01123	0	0	0	1	0	0	0	0	0	1
AT1G01124	0	0	0	1	0	0	0	0	0	1
AT1G01125	0	0	0	1	0	0	0	0	0	1
AT1G01126	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01127	0	0	0	1	0	0	0	0	0	1
AT1G01128	0	0	0	1	0	0	0	0	0	1
AT1G01129	0	0	0	1	0	0	0	0	0	1
AT1G01130	0	0	0	1	0	0	0	0	0	1
AT1G01131	0	0	0	1	0	0	0	0	0	1
AT1G01132	0	0	0	1	0	0	0	0	0	1
AT1G01133	0	0	0	1	0	0	0	0	0	1
AT1G01134	0	0	0	1	0	0	0	0	0	1
AT1G01135	0	0	0	1	0	0	0	0	0	1
AT1G01136	0	0	0	1	0	0	0	0	0	1
AT1G01137	0	0	0	1	0	0	0	0	0	1
AT1G01138	0	0	0	1	0	0	0	0	0	1
AT1G01139	0	0	0	1	0	0	0	0	0	1
AT1G01140	0	0	0	1	0	0	0	0	0	1
AT1G01141	0	0	0	1	0	0	0	0	0	1
AT1G01142	0	0	0	1	0	0	0	0	0	1
AT1G01143	0	0	0	1	0	0	0	0	0	1
AT1G01144	0	0	0	1	0	0	0	0	0	1
AT1G01145	0	0	0	1	0	0	0	0	0	1
AT1G01146	0	0	0	1	0	0	0	0	0	1
AT1G01147	0	0	0	1	0	0	0	0	0	1
AT1G01148	0	0	0	1	0	0	0	0	0	1
AT1G01149	0	0	0	1	0	0	0	0	0	1
AT1G01150	0	0	0	1	0	0	0	0	0	1
AT1G01151	0	0	0	1	0	0	0	0	0	1
AT1G01152	0	0	0	1	0	0	0	0	0	1
AT1G01153	0	0	0	1	0	0	0	0	0	1
AT1G01154	0	0	0	1	0	0	0	0	0	1
AT1G01155	0	0	0	1	0	0	0	0	0	1
AT1G01156	0	0	0	1	0	0	0	0	0	1
AT1G01157	0	0	0	1	0	0	0	0	0	1
AT1G01158	0	0	0	1	0	0	0	0	0	1
AT1G01159	0	0	0	1	0	0	0	0	0	1
AT1G01160	0	0	0	1	0	0	0	0	0	1
AT1G01161	0	0	0	1	0	0	0	0	0	1
AT1G01162	0	0	0	1	0	0	7	0	0	1
AT1G01163	0	0	0	1	0	0	0	0	0	1
AT1G01164	0	0	0	1	0	0	0	0	0	1
AT1G01165	0	0	0	1	0	0	0	0	0	1
AT1G01166	0	0	0	1	0	0	0	0	0	1
AT1G01167	0	0	0	1	0	0	0	0	0	1
AT1G01168	0	0	0	1	0	0	0	0	0	1
AT1G01169	0	0	0	1	0	0	0	0	0	1
AT1G01170	0	0	0	1	0	0	0	0	0	1
AT1G01171	0	0	0	1	0	0	0	0	0	1
AT1G01172	0	0	0	1	0	0	0	0	0	1
AT1G01173	0	0	0	1	0	0	0	0	0	1
AT1G01174	0	0	0	1	0	0	0	0	0	1
AT1G01175	0	0	0	1	0	0	0	0	0	1
AT1G01176	0	0	0	1	0	0	0	0	0	1
AT1G01177	0	0	0	1	0	0	0	0	0	1
AT1G01178	0	0	0	1	0	0	0	0	0	1
AT1G01179	0	0	0	1	0	0	0	0	0	1
AT1G01180	0	0	0	1	0	0	0	0	0	1
AT1G01181	0	0	0	1	0	0	0	0	0	1
AT1G01182	0	0	0	1	0	0	7	0	0	1
AT1G01183	0	0	0	1	0	0	0	0	0	1
AT1G01184	0	0	0	1	0	0	0	0	0	1
AT1G01185	0	0	0	1	0	0	0	0	0	1
AT1G01186	0	0	0	1	0	0	0	0	0	1
AT1G01187	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01188	0	0	0	1	0	0	0	0	0	1
AT1G01189	0	0	0	1	0	0	0	0	0	1
AT1G01190	0	0	0	1	0	0	0	0	0	1
AT1G01191	0	0	0	1	0	0	0	0	0	1
AT1G01192	0	0	0	1	0	0	0	0	0	1
AT1G01193	0	0	0	1	0	0	0	0	0	1
AT1G01194	0	0	0	1	0	0	0	0	0	1
AT1G01195	0	0	0	1	0	0	0	0	0	1
AT1G01196	0	0	0	1	0	0	0	0	0	1
AT1G01197	0	0	0	1	0	0	0	0	0	1
AT1G01198	0	0	0	1	0	0	0	0	0	1
AT1G01199	0	0	0	1	0	0	0	0	0	1
AT1G01200	0	0	0	1	0	0	0	0	0	1
AT1G01200	0	1	0	1	0	0	1	0	0	1
AT1G01201	0	0	0	1	0	0	0	0	0	1
AT1G01202	0	0	0	1	0	0	0	0	0	1
AT1G01203	0	0	0	1	0	0	0	0	0	1
AT1G01204	0	0	0	1	0	0	0	0	0	1
AT1G01205	0	0	0	1	0	0	0	0	0	1
AT1G01206	0	0	0	1	0	0	0	0	0	1
AT1G01207	0	0	0	1	0	0	0	0	0	1
AT1G01208	0	0	0	1	0	0	0	0	0	1
AT1G01209	0	0	0	1	0	0	0	0	0	1
AT1G01210	0	0	0	1	0	0	0	0	0	1
AT1G01211	0	0	0	1	0	0	0	0	0	1
AT1G01212	0	0	0	1	0	0	0	0	0	1
AT1G01213	0	0	0	1	0	0	0	0	0	1
AT1G01214	0	0	0	1	0	0	0	0	0	1
AT1G01215	0	0	0	1	0	0	0	0	0	1
AT1G01216	0	0	0	1	0	0	0	0	0	1
AT1G01217	0	0	0	1	0	0	0	0	0	1
AT1G01218	0	0	0	1	0	0	0	0	0	1
AT1G01219	0	0	0	1	0	0	0	0	0	1
AT1G01220	0	0	0	1	0	0	0	0	0	1
AT1G01221	0	0	0	1	0	0	0	0	0	1
AT1G01222	0	0	0	1	0	0	0	0	0	1
AT1G01223	0	0	0	1	0	0	0	0	0	1
AT1G01224	0	0	0	1	0	0	0	0	0	1
AT1G01225	0	-1	0	0	0	0	0	0	0	-1
AT1G01225	0	0	0	1	0	0	0	0	0	1
AT1G01226	0	0	0	1	0	0	0	0	0	1
AT1G01227	0	0	0	1	0	0	0	0	0	1
AT1G01228	0	0	0	1	0	0	0	0	0	1
AT1G01229	0	0	0	1	0	0	0	0	0	1
AT1G01230	0	0	0	1	0	0	0	0	0	1
AT1G01231	0	0	0	1	0	0	0	0	0	1
AT1G01232	0	0	0	1	0	0	0	0	0	1
AT1G01233	0	0	0	1	0	0	0	0	0	1
AT1G01234	0	0	0	1	0	0	0	0	0	1
AT1G01235	0	0	0	1	0	0	0	0	0	1
AT1G01236	0	0	0	1	0	0	0	0	0	1
AT1G01237	0	0	0	1	0	0	0	0	0	1
AT1G01238	0	0	0	1	0	0	0	0	0	1
AT1G01239	0	0	0	1	0	0	0	0	0	1
AT1G01240	0	0	0	1	0	0	0	0	0	1
AT1G01241	0	0	0	1	0	0	0	0	0	1
AT1G01242	0	0	0	1	0	0	0	0	0	1
AT1G01243	0	0	0	1	0	0	0	0	0	1
AT1G01244	0	0	0	1	0	0	0	0	0	1
AT1G01245	0	0	0	1	0	0	0	0	0	1
AT1G01246	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01247	0	0	0	1	0	0	0	0	0	1
AT1G01248	0	0	0	1	0	0	0	0	0	1
AT1G01249	0	0	0	1	0	0	0	0	0	1
AT1G01250	0	0	0	1	0	0	0	0	0	1
AT1G01251	0	0	0	1	0	0	0	0	0	1
AT1G01252	0	0	0	1	0	0	0	0	0	1
AT1G01253	0	0	0	1	0	0	0	0	0	1
AT1G01254	0	0	0	1	0	0	0	0	0	1
AT1G01255	0	0	0	1	0	0	0	0	0	1
AT1G01256	0	0	0	1	0	0	0	0	0	1
AT1G01257	0	0	0	1	0	0	0	0	0	1
AT1G01258	0	0	0	1	0	0	0	0	0	1
AT1G01259	0	0	0	1	0	0	0	0	0	1
AT1G01260	0	0	0	1	0	0	0	0	0	1
AT1G01261	0	0	0	1	0	0	0	0	0	1
AT1G01262	0	0	0	1	0	0	0	0	0	1
AT1G01263	0	0	0	1	0	0	0	0	0	1
AT1G01264	0	0	0	1	0	0	0	0	0	1
AT1G01265	0	0	0	1	0	0	0	0	0	1
AT1G01266	0	0	0	1	0	0	0	0	0	1
AT1G01267	0	0	0	1	0	0	0	0	0	1
AT1G01268	0	0	0	1	0	0	0	0	0	1
AT1G01269	0	0	0	1	0	0	0	0	0	1
AT1G01270	0	0	0	1	0	0	0	0	0	1
AT1G01271	0	0	0	1	0	0	0	0	0	1
AT1G01272	0	0	0	1	0	0	0	0	0	1
AT1G01273	0	0	0	1	0	0	0	0	0	1
AT1G01274	0	0	0	1	0	0	0	0	0	1
AT1G01275	0	0	0	1	0	0	0	0	0	1
AT1G01276	0	0	0	1	0	0	0	0	0	1
AT1G01277	0	0	0	1	0	0	0	0	0	1
AT1G01278	0	0	0	1	0	0	0	0	0	1
AT1G01279	0	0	0	1	0	0	0	0	0	1
AT1G01280	0	0	0	1	0	0	0	0	0	1
AT1G01281	0	0	0	1	0	0	0	0	0	1
AT1G01282	0	0	0	1	0	0	7	0	0	1
AT1G01283	0	0	0	1	0	0	0	0	0	1
AT1G01284	0	0	0	1	0	0	0	0	0	1
AT1G01285	0	0	0	1	0	0	0	0	0	1
AT1G01286	0	0	0	1	0	0	0	0	0	1
AT1G01287	0	0	0	1	0	0	0	0	0	1
AT1G01288	0	0	0	1	0	0	0	0	0	1
AT1G01289	0	0	0	1	0	0	0	0	0	1
AT1G01290	0	0	0	1	0	0	0	0	0	1
AT1G01291	0	0	0	1	0	0	0	0	0	1
AT1G01292	0	0	0	1	0	0	0	0	0	1
AT1G01293	0	0	0	1	0	0	0	0	0	1
AT1G01294	0	0	0	1	0	0	0	0	0	1
AT1G01295	0	0	0	1	0	0	0	0	0	1
AT1G01296	0	0	0	1	0	0	0	0	0	1
AT1G01297	0	0	0	1	0	0	0	0	0	1
AT1G01298	0	0	0	1	0	0	0	0	0	1
AT1G01299	0	0	0	1	0	0	0	0	0	1
AT1G01300	0	0	0	0	0	0	-1	0	0	-1
AT1G01300	0	0	0	1	0	0	0	0	0	1
AT1G01301	0	0	0	1	0	0	0	0	0	1
AT1G01302	0	0	0	1	0	0	0	0	0	1
AT1G01303	0	0	0	1	0	0	0	0	0	1
AT1G01304	0	0	0	1	0	0	0	0	0	1
AT1G01305	0	0	0	1	0	0	0	0	0	1
AT1G01306	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01307	0	0	0	1	0	0	0	0	0	1
AT1G01308	0	0	0	1	0	0	0	0	0	1
AT1G01309	0	0	0	1	0	0	0	0	0	1
AT1G01310	0	0	0	1	0	0	0	0	0	1
AT1G01311	0	0	0	1	0	0	0	0	0	1
AT1G01312	0	0	0	1	0	0	0	0	0	1
AT1G01313	0	0	0	1	0	0	0	0	0	1
AT1G01314	0	0	0	1	0	0	0	0	0	1
AT1G01315	0	0	0	1	0	0	0	0	0	1
AT1G01316	0	0	0	1	0	0	0	0	0	1
AT1G01317	0	0	0	1	0	0	0	0	0	1
AT1G01318	0	0	0	1	0	0	0	0	0	1
AT1G01319	0	0	0	1	0	0	0	0	0	1
AT1G01320	0	0	0	1	0	0	0	0	0	1
AT1G01321	0	0	0	1	0	0	0	0	0	1
AT1G01322	0	0	0	1	0	0	0	0	0	1
AT1G01323	0	0	0	1	0	0	0	0	0	1
AT1G01324	0	0	0	1	0	0	0	0	0	1
AT1G01325	0	0	0	1	0	0	0	0	0	1
AT1G01326	0	0	0	1	0	0	0	0	0	1
AT1G01327	0	0	0	1	0	0	0	0	0	1
AT1G01328	0	0	0	1	0	0	0	0	0	1
AT1G01329	0	0	0	1	0	0	0	0	0	1
AT1G01330	0	0	0	1	0	0	0	0	0	1
AT1G01331	0	0	0	1	0	0	0	0	0	1
AT1G01332	0	0	0	1	0	0	0	0	0	1
AT1G01333	0	0	0	1	0	0	0	0	0	1
AT1G01334	0	0	0	1	0	0	0	0	0	1
AT1G01335	0	0	0	1	0	0	0	0	0	1
AT1G01336	0	0	0	1	0	0	0	0	0	1
AT1G01337	0	0	0	1	0	0	0	0	0	1
AT1G01338	0	0	0	1	0	0	0	0	0	1
AT1G01339	0	0	0	1	0	0	0	0	0	1
AT1G01340	0	0	0	1	0	0	0	0	0	1
AT1G01341	0	0	0	1	0	0	0	0	0	1
AT1G01342	0	0	0	1	0	0	7	0	0	1
AT1G01343	0	0	0	1	0	0	0	0	0	1
AT1G01344	0	0	0	1	0	0	0	0	0	1
AT1G01345	0	0	0	1	0	0	0	0	0	1
AT1G01346	0	0	0	1	0	0	0	0	0	1
AT1G01347	0	0	0	1	0	0	0	0	0	1
AT1G01348	0	0	0	1	0	0	0	0	0	1
AT1G01349	0	0	0	1	0	0	0	0	0	1
AT1G01350	0	0	0	1	0	0	0	0	0	1
AT1G01351	0	0	0	1	0	0	0	0	0	1
AT1G01352	0	0	0	1	0	0	0	0	0	1
AT1G01353	0	0	0	1	0	0	0	0	0	1
AT1G01354	0	0	0	1	0	0	0	0	0	1
AT1G01355	0	0	0	1	0	0	0	0	0	1
AT1G01356	0	0	0	1	0	0	0	0	0	1
AT1G01357	0	0	0	1	0	0	0	0	0	1
AT1G01358	0	0	0	1	0	0	0	0	0	1
AT1G01359	0	0	0	1	0	0	0	0	0	1
AT1G01360	0	0	0	1	0	0	0	0	0	1
AT1G01361	0	0	0	1	0	0	0	0	0	1
AT1G01362	0	0	0	1	0	0	7	0	0	1
AT1G01363	0	0	0	1	0	0	0	0	0	1
AT1G01364	0	0	0	1	0	0	0	0	0	1
AT1G01365	0	0	0	1	0	0	0	0	0	1
AT1G01366	0	0	0	1	0	0	0	0	0	1
AT1G01367	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01368	0	0	0	1	0	0	0	0	0	1
AT1G01369	0	0	0	1	0	0	0	0	0	1
AT1G01370	0	0	0	1	0	0	0	0	0	1
AT1G01371	0	0	0	1	0	0	0	0	0	1
AT1G01372	0	0	0	1	0	0	0	0	0	1
AT1G01373	0	0	0	1	0	0	0	0	0	1
AT1G01374	0	0	0	1	0	0	0	0	0	1
AT1G01375	0	0	0	1	0	0	0	0	0	1
AT1G01376	0	0	0	1	0	0	0	0	0	1
AT1G01377	0	0	0	1	0	0	0	0	0	1
AT1G01378	0	0	0	1	0	0	0	0	0	1
AT1G01379	0	0	0	1	0	0	0	0	0	1
AT1G01380	0	0	0	1	0	0	0	0	0	1
AT1G01381	0	0	0	1	0	0	0	0	0	1
AT1G01382	0	0	0	1	0	0	0	0	0	1
AT1G01383	0	0	0	1	0	0	0	0	0	1
AT1G01384	0	0	0	1	0	0	0	0	0	1
AT1G01385	0	0	0	1	0	0	0	0	0	1
AT1G01386	0	0	0	1	0	0	0	0	0	1
AT1G01387	0	0	0	1	0	0	0	0	0	1
AT1G01388	0	0	0	1	0	0	0	0	0	1
AT1G01389	0	0	0	1	0	0	0	0	0	1
AT1G01390	0	0	0	1	0	0	0	0	0	1
AT1G01391	0	0	0	1	0	0	0	0	0	1
AT1G01392	0	0	0	1	0	0	0	0	0	1
AT1G01393	0	0	0	1	0	0	0	0	0	1
AT1G01394	0	0	0	1	0	0	0	0	0	1
AT1G01395	0	0	0	1	0	0	0	0	0	1
AT1G01396	0	0	0	1	0	0	0	0	0	1
AT1G01397	0	0	0	1	0	0	0	0	0	1
AT1G01398	0	0	0	1	0	0	0	0	0	1
AT1G01399	0	0	0	1	0	0	0	0	0	1
AT1G01400	0	0	0	1	0	0	0	0	0	1
AT1G01401	0	0	0	1	0	0	0	0	0	1
AT1G01402	0	0	0	1	0	0	0	0	0	1
AT1G01403	0	0	0	1	0	0	7	0	0	1
AT1G01404	0	0	0	1	0	0	0	0	0	1
AT1G01405	0	0	0	1	0	0	0	0	0	1
AT1G01406	0	0	0	1	0	0	0	0	0	1
AT1G01407	0	0	0	1	0	0	0	0	0	1
AT1G01408	0	0	0	1	0	0	0	0	0	1
AT1G01409	0	0	0	1	0	0	0	0	0	1
AT1G01410	0	0	0	1	0	0	0	0	0	1
AT1G01411	0	0	0	1	0	0	0	0	0	1
AT1G01412	0	0	0	1	0	0	0	0	0	1
AT1G01413	0	0	0	1	0	0	0	0	0	1
AT1G01414	0	0	0	1	0	0	0	0	0	1
AT1G01415	0	0	0	1	0	0	0	0	0	1
AT1G01416	0	0	0	1	0	0	0	0	0	1
AT1G01417	0	0	0	1	0	0	0	0	0	1
AT1G01418	0	0	0	1	0	0	0	0	0	1
AT1G01419	0	0	0	1	0	0	0	0	0	1
AT1G01420	0	0	0	1	0	0	0	0	0	1
AT1G01421	0	0	0	1	0	0	0	0	0	1
AT1G01422	0	0	0	1	0	0	0	0	0	1
AT1G01423	0	0	0	1	0	0	7	0	0	1
AT1G01424	0	0	0	1	0	0	0	0	0	1
AT1G01425	0	0	0	1	0	0	0	0	0	1
AT1G01426	0	0	0	1	0	0	0	0	0	1
AT1G01427	0	0	0	1	0	0	0	0	0	1
AT1G01428	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01429	0	0	0	1	0	0	0	0	0	1
AT1G01430	0	0	0	1	0	0	0	0	0	1
AT1G01431	0	0	0	1	0	0	0	0	0	1
AT1G01432	0	0	0	1	0	0	0	0	0	1
AT1G01433	0	0	0	1	0	0	0	0	0	1
AT1G01434	0	0	0	1	0	0	0	0	0	1
AT1G01435	0	0	0	1	0	0	0	0	0	1
AT1G01436	0	0	0	1	0	0	0	0	0	1
AT1G01437	0	0	0	1	0	0	0	0	0	1
AT1G01438	0	0	0	1	0	0	0	0	0	1
AT1G01439	0	0	0	1	0	0	0	0	0	1
AT1G01440	0	0	0	1	0	0	0	0	0	1
AT1G01441	0	0	0	1	0	0	0	0	0	1
AT1G01442	0	0	0	1	0	0	0	0	0	1
AT1G01443	0	0	0	1	0	0	0	0	0	1
AT1G01444	0	0	0	1	0	0	0	0	0	1
AT1G01445	0	0	0	1	0	0	0	0	0	1
AT1G01446	0	0	0	1	0	0	0	0	0	1
AT1G01447	0	0	0	1	0	0	0	0	0	1
AT1G01448	0	0	0	1	0	0	0	0	0	1
AT1G01449	0	0	0	1	0	0	0	0	0	1
AT1G01450	0	0	0	1	0	0	0	0	0	1
AT1G01451	0	0	0	1	0	0	0	0	0	1
AT1G01452	0	0	0	1	0	0	0	0	0	1
AT1G01453	0	0	0	1	0	0	0	0	0	1
AT1G01454	0	0	0	1	0	0	0	0	0	1
AT1G01455	0	0	0	1	0	0	0	0	0	1
AT1G01456	0	0	0	1	0	0	0	0	0	1
AT1G01457	0	0	0	1	0	0	0	0	0	1
AT1G01458	0	0	0	1	0	0	0	0	0	1
AT1G01459	0	0	0	1	0	0	0	0	0	1
AT1G01460	0	0	0	1	0	0	0	0	0	1
AT1G01461	0	0	0	1	0	0	0	0	0	1
AT1G01462	0	0	0	1	0	0	0	0	0	1
AT1G01463	0	0	0	1	0	0	0	0	0	1
AT1G01464	0	0	0	1	0	0	0	0	0	1
AT1G01465	0	0	0	1	0	0	0	0	0	1
AT1G01466	0	0	0	1	0	0	0	0	0	1
AT1G01467	0	0	0	1	0	0	0	0	0	1
AT1G01468	0	0	0	1	0	0	0	0	0	1
AT1G01469	0	0	0	1	0	0	0	0	0	1
AT1G01470	0	0	0	1	0	0	0	0	0	1
AT1G01470	0	1	0	1	0	0	1	0	0	1
AT1G01471	0	0	0	1	0	0	0	0	0	1
AT1G01472	0	0	0	1	0	0	0	0	0	1
AT1G01473	0	0	0	1	0	0	0	0	0	1
AT1G01474	0	0	0	1	0	0	0	0	0	1
AT1G01475	0	0	0	1	0	0	0	0	0	1
AT1G01476	0	0	0	1	0	0	0	0	0	1
AT1G01477	0	0	0	1	0	0	0	0	0	1
AT1G01478	0	0	0	1	0	0	0	0	0	1
AT1G01479	0	0	0	1	0	0	0	0	0	1
AT1G01480	0	0	0	1	0	0	0	0	0	1
AT1G01481	0	0	0	1	0	0	0	0	0	1
AT1G01482	0	0	0	1	0	0	0	0	0	1
AT1G01483	0	0	0	1	0	0	7	0	0	1
AT1G01484	0	0	0	1	0	0	0	0	0	1
AT1G01485	0	0	0	1	0	0	0	0	0	1
AT1G01486	0	0	0	1	0	0	0	0	0	1
AT1G01487	0	0	0	1	0	0	0	0	0	1
AT1G01488	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01489	0	0	0	1	0	0	0	0	0	1
AT1G01490	0	0	0	1	0	0	0	0	0	1
AT1G01491	0	0	0	1	0	0	0	0	0	1
AT1G01492	0	0	0	1	0	0	0	0	0	1
AT1G01493	0	0	0	1	0	0	0	0	0	1
AT1G01494	0	0	0	1	0	0	0	0	0	1
AT1G01495	0	0	0	1	0	0	0	0	0	1
AT1G01496	0	0	0	1	0	0	0	0	0	1
AT1G01497	0	0	0	1	0	0	0	0	0	1
AT1G01498	0	0	0	1	0	0	0	0	0	1
AT1G01499	0	0	0	1	0	0	0	0	0	1
AT1G01500	0	0	0	1	0	0	0	0	0	1
AT1G01501	0	0	0	1	0	0	0	0	0	1
AT1G01502	0	0	0	1	0	0	0	0	0	1
AT1G01503	0	0	0	1	0	0	0	0	0	1
AT1G01504	0	0	0	1	0	0	0	0	0	1
AT1G01505	0	0	0	1	0	0	0	0	0	1
AT1G01506	0	0	0	1	0	0	0	0	0	1
AT1G01507	0	0	0	1	0	0	0	0	0	1
AT1G01508	0	0	0	1	0	0	0	0	0	1
AT1G01509	0	0	0	1	0	0	0	0	0	1
AT1G01510	0	0	0	1	0	0	0	0	0	1
AT1G01511	0	0	0	1	0	0	0	0	0	1
AT1G01512	0	0	0	1	0	0	0	0	0	1
AT1G01513	0	0	0	1	0	0	0	0	0	1
AT1G01514	0	0	0	1	0	0	0	0	0	1
AT1G01515	0	0	0	1	0	0	0	0	0	1
AT1G01516	0	0	0	1	0	0	0	0	0	1
AT1G01517	0	0	0	1	0	0	0	0	0	1
AT1G01518	0	0	0	1	0	0	0	0	0	1
AT1G01519	0	0	0	1	0	0	0	0	0	1
AT1G01520	0	0	0	1	0	0	0	0	0	1
AT1G01521	0	0	0	1	0	0	0	0	0	1
AT1G01522	0	0	0	1	0	0	0	0	0	1
AT1G01523	0	0	0	1	0	0	0	0	0	1
AT1G01524	0	0	0	1	0	0	0	0	0	1
AT1G01525	0	0	0	1	0	0	0	0	0	1
AT1G01526	0	0	0	1	0	0	0	0	0	1
AT1G01527	0	0	0	1	0	0	0	0	0	1
AT1G01528	0	0	0	1	0	0	0	0	0	1
AT1G01529	0	0	0	1	0	0	0	0	0	1
AT1G01530	0	0	0	1	0	0	0	0	0	1
AT1G01531	0	0	0	1	0	0	0	0	0	1
AT1G01532	0	0	0	1	0	0	0	0	0	1
AT1G01533	0	0	0	1	0	0	0	0	0	1
AT1G01534	0	0	0	1	0	0	0	0	0	1
AT1G01535	0	0	0	1	0	0	0	0	0	1
AT1G01536	0	0	0	1	0	0	0	0	0	1
AT1G01537	0	0	0	1	0	0	0	0	0	1
AT1G01538	0	0	0	1	0	0	0	0	0	1
AT1G01539	0	0	0	1	0	0	0	0	0	1
AT1G01540	0	0	0	1	0	0	0	0	0	1
AT1G01541	0	0	0	1	0	0	0	0	0	1
AT1G01542	0	0	0	1	0	0	0	0	0	1
AT1G01543	0	0	0	1	0	0	0	0	0	1
AT1G01544	0	0	0	1	0	0	7	0	0	1
AT1G01545	0	0	0	1	0	0	0	0	0	1
AT1G01546	0	0	0	1	0	0	0	0	0	1
AT1G01547	0	0	0	1	0	0	0	0	0	1
AT1G01548	0	0	0	1	0	0	0	0	0	1
AT1G01549	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01550	0	0	0	1	0	0	0	0	0	1
AT1G01551	0	0	0	1	0	0	0	0	0	1
AT1G01552	0	0	0	1	0	0	0	0	0	1
AT1G01553	0	0	0	1	0	0	0	0	0	1
AT1G01554	0	0	0	1	0	0	0	0	0	1
AT1G01555	0	0	0	1	0	0	0	0	0	1
AT1G01556	0	0	0	1	0	0	0	0	0	1
AT1G01557	0	0	0	1	0	0	0	0	0	1
AT1G01558	0	0	0	1	0	0	0	0	0	1
AT1G01559	0	0	0	1	0	0	0	0	0	1
AT1G01560	0	0	0	-1	0	0	0	0	0	-1
AT1G01560	0	0	0	1	0	0	0	0	0	1
AT1G01561	0	0	0	1	0	0	0	0	0	1
AT1G01562	0	0	0	1	0	0	0	0	0	1
AT1G01563	0	0	0	1	0	0	0	0	0	1
AT1G01564	0	0	0	1	0	0	0	0	0	1
AT1G01565	0	0	0	1	0	0	0	0	0	1
AT1G01566	0	0	0	1	0	0	0	0	0	1
AT1G01567	0	0	0	1	0	0	0	0	0	1
AT1G01568	0	0	0	1	0	0	0	0	0	1
AT1G01569	0	0	0	1	0	0	0	0	0	1
AT1G01570	0	0	0	1	0	0	0	0	0	1
AT1G01571	0	0	0	1	0	0	0	0	0	1
AT1G01572	0	0	0	1	0	0	0	0	0	1
AT1G01573	0	0	0	1	0	0	0	0	0	1
AT1G01574	0	0	0	1	0	0	0	0	0	1
AT1G01575	0	0	0	1	0	0	0	0	0	1
AT1G01576	0	0	0	1	0	0	0	0	0	1
AT1G01577	0	0	0	1	0	0	0	0	0	1
AT1G01578	0	0	0	1	0	0	0	0	0	1
AT1G01579	0	0	0	1	0	0	0	0	0	1
AT1G01580	0	0	0	-1	0	0	0	0	0	-1
AT1G01580	0	0	0	1	0	0	0	0	0	1
AT1G01581	0	0	0	1	0	0	0	0	0	1
AT1G01582	0	0	0	1	0	0	0	0	0	1
AT1G01583	0	0	0	1	0	0	7	0	0	1
AT1G01584	0	0	0	1	0	0	0	0	0	1
AT1G01585	0	0	0	1	0	0	0	0	0	1
AT1G01586	0	0	0	1	0	0	0	0	0	1
AT1G01587	0	0	0	1	0	0	0	0	0	1
AT1G01588	0	0	0	1	0	0	0	0	0	1
AT1G01589	0	0	0	1	0	0	0	0	0	1
AT1G01590	0	0	0	1	0	0	0	0	0	1
AT1G01591	0	0	0	1	0	0	0	0	0	1
AT1G01592	0	0	0	1	0	0	0	0	0	1
AT1G01593	0	0	0	1	0	0	0	0	0	1
AT1G01594	0	0	0	1	0	0	0	0	0	1
AT1G01595	0	0	0	1	0	0	0	0	0	1
AT1G01596	0	0	0	1	0	0	0	0	0	1
AT1G01597	0	0	0	1	0	0	0	0	0	1
AT1G01598	0	0	0	1	0	0	0	0	0	1
AT1G01599	0	0	0	1	0	0	0	0	0	1
AT1G01600	0	0	0	1	0	0	0	0	0	1
AT1G01600	0	1	0	1	0	1	1	1	0	1
AT1G01601	0	0	0	1	0	0	0	0	0	1
AT1G01602	0	0	0	1	0	0	7	0	0	1
AT1G01603	0	0	0	1	0	0	0	0	0	1
AT1G01604	0	0	0	1	0	0	0	0	0	1
AT1G01605	0	0	0	1	0	0	0	0	0	1
AT1G01606	0	0	0	1	0	0	0	0	0	1
AT1G01607	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01608	0	0	0	1	0	0	0	0	0	1
AT1G01609	0	0	0	1	0	0	0	0	0	1
AT1G01610	0	0	0	1	0	0	0	0	0	1
AT1G01611	0	0	0	1	0	0	0	0	0	1
AT1G01612	0	0	0	1	0	0	0	0	0	1
AT1G01613	0	0	0	1	0	0	0	0	0	1
AT1G01614	0	0	0	1	0	0	0	0	0	1
AT1G01615	0	0	0	1	0	0	0	0	0	1
AT1G01616	0	0	0	1	0	0	0	0	0	1
AT1G01617	0	0	0	1	0	0	0	0	0	1
AT1G01618	0	0	0	1	0	0	0	0	0	1
AT1G01619	0	0	0	1	0	0	0	0	0	1
AT1G01620	0	0	0	1	0	0	0	0	0	1
AT1G01621	0	0	0	1	0	0	0	0	0	1
AT1G01622	0	0	0	1	0	0	0	0	0	1
AT1G01623	0	0	0	1	0	0	0	0	0	1
AT1G01624	0	0	0	1	0	0	0	0	0	1
AT1G01625	0	0	0	1	0	0	0	0	0	1
AT1G01626	0	0	0	1	0	0	0	0	0	1
AT1G01627	0	0	0	1	0	0	0	0	0	1
AT1G01628	0	0	0	1	0	0	0	0	0	1
AT1G01629	0	0	0	1	0	0	0	0	0	1
AT1G01630	0	0	0	1	0	0	0	0	0	1
AT1G01631	0	0	0	1	0	0	0	0	0	1
AT1G01632	0	0	0	1	0	0	0	0	0	1
AT1G01633	0	0	0	1	0	0	0	0	0	1
AT1G01634	0	0	0	1	0	0	0	0	0	1
AT1G01635	0	0	0	1	0	0	0	0	0	1
AT1G01636	0	0	0	1	0	0	0	0	0	1
AT1G01637	0	0	0	1	0	0	0	0	0	1
AT1G01638	0	0	0	1	0	0	0	0	0	1
AT1G01639	0	0	0	1	0	0	0	0	0	1
AT1G01640	0	0	0	1	0	0	0	0	0	1
AT1G01641	0	0	0	1	0	0	0	0	0	1
AT1G01642	0	0	0	1	0	0	0	0	0	1
AT1G01643	0	0	0	1	0	0	0	0	0	1
AT1G01644	0	0	0	1	0	0	0	0	0	1
AT1G01645	0	0	0	1	0	0	0	0	0	1
AT1G01646	0	0	0	1	0	0	0	0	0	1
AT1G01647	0	0	0	1	0	0	0	0	0	1
AT1G01648	0	0	0	1	0	0	0	0	0	1
AT1G01649	0	0	0	1	0	0	0	0	0	1
AT1G01650	0	0	0	1	0	0	0	0	0	1
AT1G01651	0	0	0	1	0	0	0	0	0	1
AT1G01652	0	0	0	1	0	0	0	0	0	1
AT1G01653	0	0	0	1	0	0	0	0	0	1
AT1G01654	0	0	0	1	0	0	0	0	0	1
AT1G01655	0	0	0	1	0	0	0	0	0	1
AT1G01656	0	0	0	1	0	0	0	0	0	1
AT1G01657	0	0	0	1	0	0	0	0	0	1
AT1G01658	0	0	0	1	0	0	0	0	0	1
AT1G01659	0	0	0	1	0	0	0	0	0	1
AT1G01660	0	0	0	1	0	0	0	0	0	1
AT1G01661	0	0	0	1	0	0	0	0	0	1
AT1G01662	0	0	0	1	0	0	0	0	0	1
AT1G01663	0	0	0	1	0	0	0	0	0	1
AT1G01664	0	0	0	1	0	0	0	0	0	1
AT1G01665	0	0	0	1	0	0	0	0	0	1
AT1G01666	0	0	0	1	0	0	0	0	0	1
AT1G01667	0	0	0	1	0	0	0	0	0	1
AT1G01668	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01669	0	0	0	1	0	0	0	0	0	1
AT1G01670	0	0	0	1	0	0	0	0	0	1
AT1G01671	0	0	0	1	0	0	0	0	0	1
AT1G01672	0	0	0	1	0	0	0	0	0	1
AT1G01673	0	0	0	1	0	0	0	0	0	1
AT1G01674	0	0	0	1	0	0	0	0	0	1
AT1G01675	0	0	0	1	0	0	0	0	0	1
AT1G01676	0	0	0	1	0	0	0	0	0	1
AT1G01677	0	0	0	1	0	0	0	0	0	1
AT1G01678	0	0	0	1	0	0	0	0	0	1
AT1G01679	0	0	0	1	0	0	0	0	0	1
AT1G01680	0	0	0	1	0	0	0	0	0	1
AT1G01681	0	0	0	1	0	0	0	0	0	1
AT1G01682	0	0	0	1	0	0	0	0	0	1
AT1G01683	0	0	0	1	0	0	0	0	0	1
AT1G01684	0	0	0	1	0	0	0	0	0	1
AT1G01685	0	0	0	1	0	0	0	0	0	1
AT1G01686	0	0	0	1	0	0	0	0	0	1
AT1G01687	0	0	0	1	0	0	0	0	0	1
AT1G01688	0	0	0	1	0	0	0	0	0	1
AT1G01689	0	0	0	1	0	0	0	0	0	1
AT1G01690	0	0	0	1	0	0	0	0	0	1
AT1G01691	0	0	0	1	0	0	0	0	0	1
AT1G01692	0	0	0	1	0	0	0	0	0	1
AT1G01693	0	0	0	1	0	0	0	0	0	1
AT1G01694	0	0	0	1	0	0	0	0	0	1
AT1G01695	0	0	0	1	0	0	0	0	0	1
AT1G01696	0	0	0	1	0	0	0	0	0	1
AT1G01697	0	0	0	1	0	0	0	0	0	1
AT1G01698	0	0	0	1	0	0	0	0	0	1
AT1G01699	0	0	0	1	0	0	0	0	0	1
AT1G01700	0	0	0	1	0	0	0	0	0	1
AT1G01701	0	0	0	1	0	0	0	0	0	1
AT1G01702	0	0	0	1	0	0	0	0	0	1
AT1G01703	0	0	0	1	0	0	0	0	0	1
AT1G01704	0	0	0	1	0	0	0	0	0	1
AT1G01705	0	0	0	1	0	0	0	0	0	1
AT1G01706	0	0	0	1	0	0	0	0	0	1
AT1G01707	0	0	0	1	0	0	0	0	0	1
AT1G01708	0	0	0	1	0	0	0	0	0	1
AT1G01709	0	0	0	1	0	0	0	0	0	1
AT1G01710	0	0	0	1	0	0	0	0	0	1
AT1G01711	0	0	0	1	0	0	0	0	0	1
AT1G01712	0	0	0	1	0	0	0	0	0	1
AT1G01713	0	0	0	1	0	0	0	0	0	1
AT1G01714	0	0	0	1	0	0	0	0	0	1
AT1G01715	0	0	0	1	0	0	0	0	0	1
AT1G01716	0	0	0	1	0	0	0	0	0	1
AT1G01717	0	0	0	1	0	0	0	0	0	1
AT1G01718	0	0	0	1	0	0	0	0	0	1
AT1G01719	0	0	0	1	0	0	0	0	0	1
AT1G01720	0	0	0	1	0	0	0	0	0	1
AT1G01721	0	0	0	1	0	0	0	0	0	1
AT1G01722	0	0	0	1	0	0	0	0	0	1
AT1G01723	0	0	0	1	0	0	0	0	0	1
AT1G01724	0	0	0	1	0	0	0	0	0	1
AT1G01725	0	0	0	-1	0	0	0	0	0	-1
AT1G01725	0	0	0	1	0	0	0	0	0	1
AT1G01726	0	0	0	1	0	0	0	0	0	1
AT1G01727	0	0	0	1	0	0	0	0	0	1
AT1G01728	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01729	0	0	0	1	0	0	0	0	0	1
AT1G01730	0	0	0	1	0	0	0	0	0	1
AT1G01731	0	0	0	1	0	0	0	0	0	1
AT1G01732	0	0	0	1	0	0	0	0	0	1
AT1G01733	0	0	0	1	0	0	0	0	0	1
AT1G01734	0	0	0	1	0	0	0	0	0	1
AT1G01735	0	0	0	1	0	0	0	0	0	1
AT1G01736	0	0	0	1	0	0	0	0	0	1
AT1G01737	0	0	0	1	0	0	0	0	0	1
AT1G01738	0	0	0	1	0	0	0	0	0	1
AT1G01739	0	0	0	1	0	0	0	0	0	1
AT1G01740	0	0	0	1	0	0	0	0	0	1
AT1G01741	0	0	0	1	0	0	0	0	0	1
AT1G01742	0	0	0	1	0	0	0	0	0	1
AT1G01743	0	0	0	1	0	0	0	0	0	1
AT1G01744	0	0	0	1	0	0	0	0	0	1
AT1G01745	0	0	0	1	0	0	0	0	0	1
AT1G01746	0	0	0	1	0	0	0	0	0	1
AT1G01747	0	0	0	1	0	0	0	0	0	1
AT1G01748	0	0	0	1	0	0	0	0	0	1
AT1G01749	0	0	0	1	0	0	0	0	0	1
AT1G01750	0	0	0	1	0	0	0	0	0	1
AT1G01751	0	0	0	1	0	0	0	0	0	1
AT1G01752	0	0	0	1	0	0	0	0	0	1
AT1G01753	0	0	0	1	0	0	0	0	0	1
AT1G01754	0	0	0	1	0	0	0	0	0	1
AT1G01755	0	0	0	1	0	0	0	0	0	1
AT1G01756	0	0	0	1	0	0	0	0	0	1
AT1G01757	0	0	0	1	0	0	0	0	0	1
AT1G01758	0	0	0	1	0	0	0	0	0	1
AT1G01759	0	0	0	1	0	0	0	0	0	1
AT1G01760	0	0	0	1	0	0	0	0	0	1
AT1G01761	0	0	0	1	0	0	0	0	0	1
AT1G01762	0	0	0	1	0	0	0	0	0	1
AT1G01763	0	0	0	1	0	0	0	0	0	1
AT1G01764	0	0	0	1	0	0	0	0	0	1
AT1G01765	0	0	0	1	0	0	0	0	0	1
AT1G01766	0	0	0	1	0	0	0	0	0	1
AT1G01767	0	0	0	1	0	0	0	0	0	1
AT1G01768	0	0	0	1	0	0	0	0	0	1
AT1G01769	0	0	0	1	0	0	0	0	0	1
AT1G01770	0	0	0	1	0	0	0	0	0	1
AT1G01771	0	0	0	1	0	0	0	0	0	1
AT1G01772	0	0	0	1	0	0	0	0	0	1
AT1G01773	0	0	0	1	0	0	0	0	0	1
AT1G01774	0	0	0	1	0	0	0	0	0	1
AT1G01775	0	0	0	1	0	0	0	0	0	1
AT1G01776	0	0	0	1	0	0	0	0	0	1
AT1G01777	0	0	0	1	0	0	0	0	0	1
AT1G01778	0	0	0	1	0	0	0	0	0	1
AT1G01779	0	0	0	1	0	0	0	0	0	1
AT1G01780	0	0	0	1	0	0	0	0	0	1
AT1G01781	0	0	0	1	0	0	0	0	0	1
AT1G01782	0	0	0	1	0	0	0	0	0	1
AT1G01783	0	0	0	1	0	0	0	0	0	1
AT1G01784	0	0	0	1	0	0	0	0	0	1
AT1G01785	0	0	0	1	0	0	0	0	0	1
AT1G01786	0	0	0	1	0	0	0	0	0	1
AT1G01787	0	0	0	1	0	0	0	0	0	1
AT1G01788	0	0	0	1	0	0	0	0	0	1
AT1G01789	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01790	0	0	0	0	0	0	-1	0	0	-1
AT1G01790	0	0	0	1	0	0	0	0	0	1
AT1G01791	0	0	0	1	0	0	0	0	0	1
AT1G01792	0	0	0	1	0	0	0	0	0	1
AT1G01793	0	0	0	1	0	0	0	0	0	1
AT1G01794	0	0	0	1	0	0	0	0	0	1
AT1G01795	0	0	0	1	0	0	0	0	0	1
AT1G01796	0	0	0	1	0	0	0	0	0	1
AT1G01797	0	0	0	1	0	0	0	0	0	1
AT1G01798	0	0	0	1	0	0	0	0	0	1
AT1G01799	0	0	0	1	0	0	0	0	0	1
AT1G01800	0	0	0	1	0	0	0	0	0	1
AT1G01801	0	0	0	1	0	0	0	0	0	1
AT1G01802	0	0	0	1	0	0	0	0	0	1
AT1G01803	0	0	0	1	0	0	0	0	0	1
AT1G01804	0	0	0	1	0	0	0	0	0	1
AT1G01805	0	0	0	1	0	0	0	0	0	1
AT1G01806	0	0	0	1	0	0	0	0	0	1
AT1G01807	0	0	0	1	0	0	0	0	0	1
AT1G01808	0	0	0	1	0	0	0	0	0	1
AT1G01809	0	0	0	1	0	0	0	0	0	1
AT1G01810	0	0	0	1	0	0	0	0	0	1
AT1G01811	0	0	0	1	0	0	0	0	0	1
AT1G01812	0	0	0	1	0	0	0	0	0	1
AT1G01813	0	0	0	1	0	0	0	0	0	1
AT1G01814	0	0	0	1	0	0	0	0	0	1
AT1G01815	0	0	0	1	0	0	0	0	0	1
AT1G01816	0	0	0	1	0	0	0	0	0	1
AT1G01817	0	0	0	1	0	0	0	0	0	1
AT1G01818	0	0	0	1	0	0	0	0	0	1
AT1G01819	0	0	0	1	0	0	0	0	0	1
AT1G01820	0	0	0	1	0	0	0	0	0	1
AT1G01821	0	0	0	1	0	0	0	0	0	1
AT1G01822	0	0	0	1	0	0	0	0	0	1
AT1G01823	0	0	0	1	0	0	0	0	0	1
AT1G01824	0	0	0	1	0	0	7	0	0	1
AT1G01825	0	0	0	1	0	0	0	0	0	1
AT1G01826	0	0	0	1	0	0	0	0	0	1
AT1G01827	0	0	0	1	0	0	0	0	0	1
AT1G01828	0	0	0	1	0	0	0	0	0	1
AT1G01829	0	0	0	1	0	0	0	0	0	1
AT1G01830	0	0	0	1	0	0	0	0	0	1
AT1G01831	0	0	0	1	0	0	0	0	0	1
AT1G01832	0	0	0	1	0	0	0	0	0	1
AT1G01833	0	0	0	1	0	0	0	0	0	1
AT1G01834	0	0	0	1	0	0	0	0	0	1
AT1G01835	0	0	0	1	0	0	0	0	0	1
AT1G01836	0	0	0	1	0	0	0	0	0	1
AT1G01837	0	0	0	1	0	0	0	0	0	1
AT1G01838	0	0	0	1	0	0	0	0	0	1
AT1G01839	0	0	0	1	0	0	0	0	0	1
AT1G01840	0	0	0	1	0	0	0	0	0	1
AT1G01841	0	0	0	1	0	0	0	0	0	1
AT1G01842	0	0	0	1	0	0	0	0	0	1
AT1G01843	0	0	0	1	0	0	0	0	0	1
AT1G01844	0	0	0	1	0	0	7	0	0	1
AT1G01845	0	0	0	1	0	0	0	0	0	1
AT1G01846	0	0	0	1	0	0	0	0	0	1
AT1G01847	0	0	0	1	0	0	0	0	0	1
AT1G01848	0	0	0	1	0	0	-0	0	0	-1
AT1G01849	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01850	0	0	0	1	0	0	0	0	0	1
AT1G01851	0	0	0	1	0	0	0	0	0	1
AT1G01852	0	0	0	1	0	0	0	0	0	1
AT1G01853	0	0	0	1	0	0	0	0	0	1
AT1G01854	0	0	0	1	0	0	0	0	0	1
AT1G01855	0	0	0	1	0	0	0	0	0	1
AT1G01856	0	0	0	1	0	0	0	0	0	1
AT1G01857	0	0	0	1	0	0	0	0	0	1
AT1G01858	0	0	0	1	0	0	0	0	0	1
AT1G01859	0	0	0	1	0	0	0	0	0	1
AT1G01860	0	0	0	1	0	0	0	0	0	1
AT1G01861	0	0	0	1	0	0	0	0	0	1
AT1G01862	0	0	0	1	0	0	0	0	0	1
AT1G01863	0	0	0	1	0	0	0	0	0	1
AT1G01864	0	0	0	1	0	0	0	0	0	1
AT1G01865	0	0	0	1	0	0	0	0	0	1
AT1G01866	0	0	0	1	0	0	0	0	0	1
AT1G01867	0	0	0	1	0	0	0	0	0	1
AT1G01868	0	0	0	1	0	0	0	0	0	1
AT1G01869	0	0	0	1	0	0	0	0	0	1
AT1G01870	0	0	0	1	0	0	0	0	0	1
AT1G01871	0	0	0	1	0	0	0	0	0	1
AT1G01872	0	0	0	1	0	0	0	0	0	1
AT1G01873	0	0	0	1	0	0	0	0	0	1
AT1G01874	0	0	0	1	0	0	0	0	0	1
AT1G01875	0	0	0	1	0	0	0	0	0	1
AT1G01876	0	0	0	1	0	0	0	0	0	1
AT1G01877	0	0	0	1	0	0	0	0	0	1
AT1G01878	0	0	0	1	0	0	0	0	0	1
AT1G01879	0	0	0	1	0	0	0	0	0	1
AT1G01880	0	0	0	1	0	0	0	0	0	1
AT1G01881	0	0	0	1	0	0	0	0	0	1
AT1G01882	0	0	0	1	0	0	0	0	0	1
AT1G01883	0	0	0	1	0	0	0	0	0	1
AT1G01884	0	0	0	1	0	0	0	0	0	1
AT1G01885	0	0	0	1	0	0	7	0	0	1
AT1G01886	0	0	0	1	0	0	0	0	0	1
AT1G01887	0	0	0	1	0	0	0	0	0	1
AT1G01888	0	0	0	1	0	0	0	0	0	1
AT1G01889	0	0	0	1	0	0	0	0	0	1
AT1G01890	0	0	0	1	0	0	0	0	0	1
AT1G01891	0	0	0	1	0	0	0	0	0	1
AT1G01892	0	0	0	1	0	0	0	0	0	1
AT1G01893	0	0	0	1	0	0	0	0	0	1
AT1G01894	0	0	0	1	0	0	0	0	0	1
AT1G01895	0	0	0	1	0	0	0	0	0	1
AT1G01896	0	0	0	1	0	0	0	0	0	1
AT1G01897	0	0	0	1	0	0	0	0	0	1
AT1G01898	0	0	0	1	0	0	0	0	0	1
AT1G01899	0	0	0	1	0	0	0	0	0	1
AT1G01900	0	0	0	1	0	0	0	0	0	1
AT1G01901	0	0	0	1	0	0	0	0	0	1
AT1G01902	0	0	0	1	0	0	0	0	0	1
AT1G01903	0	0	0	1	0	0	0	0	0	1
AT1G01904	0	0	0	1	0	0	0	0	0	1
AT1G01905	0	0	0	1	0	0	7	0	0	1
AT1G01906	0	0	0	1	0	0	0	0	0	1
AT1G01907	0	0	0	1	0	0	0	0	0	1
AT1G01908	0	0	0	1	0	0	0	0	0	1
AT1G01909	0	0	0	1	0	0	0	0	0	1
AT1G01910	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01911	0	0	0	1	0	0	0	0	0	1
AT1G01912	0	0	0	1	0	0	0	0	0	1
AT1G01913	0	0	0	1	0	0	0	0	0	1
AT1G01914	0	0	0	1	0	0	0	0	0	1
AT1G01915	0	0	0	1	0	0	0	0	0	1
AT1G01916	0	0	0	1	0	0	0	0	0	1
AT1G01917	0	0	0	1	0	0	0	0	0	1
AT1G01918	0	0	0	1	0	0	0	0	0	1
AT1G01919	0	0	0	1	0	0	0	0	0	1
AT1G01920	0	0	0	1	0	0	0	0	0	1
AT1G01921	0	0	0	1	0	0	0	0	0	1
AT1G01922	0	0	0	1	0	0	0	0	0	1
AT1G01923	0	0	0	1	0	0	0	0	0	1
AT1G01924	0	0	0	1	0	0	0	0	0	1
AT1G01925	0	0	0	1	0	0	0	0	0	1
AT1G01926	0	0	0	1	0	0	0	0	0	1
AT1G01927	0	0	0	1	0	0	0	0	0	1
AT1G01928	0	0	0	1	0	0	0	0	0	1
AT1G01929	0	0	0	1	0	0	0	0	0	1
AT1G01930	0	0	0	1	0	0	0	0	0	1
AT1G01931	0	0	0	1	0	0	0	0	0	1
AT1G01932	0	0	0	1	0	0	0	0	0	1
AT1G01933	0	0	0	1	0	0	0	0	0	1
AT1G01934	0	0	0	1	0	0	0	0	0	1
AT1G01935	0	0	0	1	0	0	0	0	0	1
AT1G01936	0	0	0	1	0	0	0	0	0	1
AT1G01937	0	0	0	1	0	0	0	0	0	1
AT1G01938	0	0	0	1	0	0	0	0	0	1
AT1G01939	0	0	0	1	0	0	0	0	0	1
AT1G01940	0	0	0	1	0	0	0	0	0	1
AT1G01941	0	0	0	1	0	0	0	0	0	1
AT1G01942	0	0	0	1	0	0	0	0	0	1
AT1G01943	0	0	0	1	0	0	0	0	0	1
AT1G01944	0	0	0	1	0	0	0	0	0	1
AT1G01945	0	0	0	1	0	0	0	0	0	1
AT1G01946	0	0	0	1	0	0	7	0	0	1
AT1G01947	0	0	0	1	0	0	0	0	0	1
AT1G01948	0	0	0	1	0	0	0	0	0	1
AT1G01949	0	0	0	1	0	0	0	0	0	1
AT1G01950	0	0	0	1	0	0	0	0	0	1
AT1G01951	0	0	0	1	0	0	0	0	0	1
AT1G01952	0	0	0	1	0	0	0	0	0	1
AT1G01953	0	0	0	1	0	0	0	0	0	1
AT1G01954	0	0	0	1	0	0	0	0	0	1
AT1G01955	0	0	0	1	0	0	0	0	0	1
AT1G01956	0	0	0	1	0	0	0	0	0	1
AT1G01957	0	0	0	1	0	0	0	0	0	1
AT1G01958	0	0	0	1	0	0	0	0	0	1
AT1G01959	0	0	0	1	0	0	0	0	0	1
AT1G01960	0	0	0	1	0	0	0	0	0	1
AT1G01961	0	0	0	1	0	0	0	0	0	1
AT1G01962	0	0	0	1	0	0	0	0	0	1
AT1G01963	0	0	0	1	0	0	0	0	0	1
AT1G01964	0	0	0	1	0	0	0	0	0	1
AT1G01965	0	0	0	1	0	0	0	0	0	1
AT1G01966	0	0	0	1	0	0	7	0	0	1
AT1G01967	0	0	0	1	0	0	0	0	0	1
AT1G01968	0	0	0	1	0	0	0	0	0	1
AT1G01969	0	0	0	1	0	0	0	0	0	1
AT1G01970	0	0	0	1	0	0	0	0	0	1
AT1G01971	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G01972	0	0	0	1	0	0	0	0	0	1
AT1G01973	0	0	0	1	0	0	0	0	0	1
AT1G01974	0	0	0	1	0	0	0	0	0	1
AT1G01975	0	0	0	1	0	0	0	0	0	1
AT1G01976	0	0	0	1	0	0	0	0	0	1
AT1G01977	0	0	0	1	0	0	0	0	0	1
AT1G01978	0	0	0	1	0	0	0	0	0	1
AT1G01979	0	0	0	1	0	0	0	0	0	1
AT1G01980	0	0	0	1	0	0	0	0	0	1
AT1G01981	0	0	0	1	0	0	0	0	0	1
AT1G01982	0	0	0	1	0	0	0	0	0	1
AT1G01983	0	0	0	1	0	0	0	0	0	1
AT1G01984	0	0	0	1	0	0	0	0	0	1
AT1G01985	0	0	0	1	0	0	0	0	0	1
AT1G01986	0	0	0	1	0	0	0	0	0	1
AT1G01987	0	0	0	1	0	0	0	0	0	1
AT1G01988	0	0	0	1	0	0	0	0	0	1
AT1G01989	0	0	0	1	0	0	0	0	0	1
AT1G01990	0	0	0	1	0	0	0	0	0	1
AT1G01991	0	0	0	1	0	0	0	0	0	1
AT1G01992	0	0	0	1	0	0	0	0	0	1
AT1G01993	0	0	0	1	0	0	0	0	0	1
AT1G01994	0	0	0	1	0	0	0	0	0	1
AT1G01995	0	0	0	1	0	0	0	0	0	1
AT1G01996	0	0	0	1	0	0	0	0	0	1
AT1G01997	0	0	0	1	0	0	0	0	0	1
AT1G01998	0	0	0	1	0	0	0	0	0	1
AT1G01999	0	0	0	1	0	0	0	0	0	1
AT1G02000	0	0	0	1	0	0	0	0	0	1
AT1G02001	0	0	0	1	0	0	0	0	0	1
AT1G02002	0	0	0	1	0	0	0	0	0	1
AT1G02003	0	0	0	1	0	0	0	0	0	1
AT1G02004	0	0	0	1	0	0	0	0	0	1
AT1G02005	0	0	0	1	0	0	0	0	0	1
AT1G02006	0	0	0	1	0	0	0	0	0	1
AT1G02007	0	0	0	1	0	0	0	0	0	1
AT1G02008	0	0	0	1	0	0	0	0	0	1
AT1G02009	0	0	0	1	0	0	0	0	0	1
AT1G02010	0	0	0	1	0	0	0	0	0	1
AT1G02011	0	0	0	1	0	0	0	0	0	1
AT1G02012	0	0	0	1	0	0	0	0	0	1
AT1G02013	0	0	0	1	0	0	0	0	0	1
AT1G02014	0	0	0	1	0	0	0	0	0	1
AT1G02015	0	0	0	1	0	0	0	0	0	1
AT1G02016	0	0	0	1	0	0	0	0	0	1
AT1G02017	0	0	0	1	0	0	0	0	0	1
AT1G02018	0	0	0	1	0	0	0	0	0	1
AT1G02019	0	0	0	1	0	0	0	0	0	1
AT1G02020	0	0	0	1	0	0	0	0	0	1
AT1G02021	0	0	0	1	0	0	0	0	0	1
AT1G02022	0	0	0	1	0	0	0	0	0	1
AT1G02023	0	0	0	1	0	0	0	0	0	1
AT1G02024	0	0	0	1	0	0	0	0	0	1
AT1G02025	0	0	0	1	0	0	0	0	0	1
AT1G02026	0	0	0	1	0	0	0	0	0	1
AT1G02027	0	0	0	1	0	0	0	0	0	1
AT1G02028	0	0	0	1	0	0	0	0	0	1
AT1G02029	0	0	0	1	0	0	0	0	0	1
AT1G02030	0	0	0	1	0	0	0	0	0	1
AT1G02031	0	0	0	1	0	0	0	0	0	1
AT1G02032	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02033	0	0	0	1	0	0	0	0	0	1
AT1G02034	0	0	0	1	0	0	0	0	0	1
AT1G02035	0	0	0	1	0	0	0	0	0	1
AT1G02036	0	0	0	1	0	0	0	0	0	1
AT1G02037	0	0	0	1	0	0	0	0	0	1
AT1G02038	0	0	0	1	0	0	0	0	0	1
AT1G02039	0	0	0	1	0	0	0	0	0	1
AT1G02040	0	0	0	1	0	0	0	0	0	1
AT1G02041	0	0	0	1	0	0	0	0	0	1
AT1G02042	0	0	0	1	0	0	0	0	0	1
AT1G02043	0	0	0	1	0	0	0	0	0	1
AT1G02044	0	0	0	1	0	0	0	0	0	1
AT1G02045	0	0	0	1	0	0	0	0	0	1
AT1G02046	0	0	0	1	0	0	0	0	0	1
AT1G02047	0	0	0	1	0	0	0	0	0	1
AT1G02048	0	0	0	1	0	0	0	0	0	1
AT1G02049	0	0	0	1	0	0	0	0	0	1
AT1G02050	0	0	0	1	0	0	0	0	0	1
AT1G02051	0	0	0	1	0	0	0	0	0	1
AT1G02052	0	0	0	1	0	0	0	0	0	1
AT1G02053	0	0	0	1	0	0	0	0	0	1
AT1G02054	0	0	0	1	0	0	0	0	0	1
AT1G02055	0	0	0	1	0	0	0	0	0	1
AT1G02056	0	0	0	1	0	0	0	0	0	1
AT1G02057	0	0	0	1	0	0	0	0	0	1
AT1G02058	0	0	0	1	0	0	0	0	0	1
AT1G02059	0	0	0	1	0	0	0	0	0	1
AT1G02060	0	0	0	1	0	0	0	0	0	1
AT1G02061	0	0	0	1	0	0	0	0	0	1
AT1G02062	0	0	0	1	0	0	0	0	0	1
AT1G02063	0	0	0	1	0	0	0	0	0	1
AT1G02064	0	0	0	1	0	0	0	0	0	1
AT1G02065	0	0	0	1	0	0	0	0	0	1
AT1G02066	0	0	0	1	0	0	0	0	0	1
AT1G02067	0	0	0	1	0	0	0	0	0	1
AT1G02068	0	0	0	1	0	0	7	0	0	1
AT1G02069	0	0	0	1	0	0	0	0	0	1
AT1G02070	0	0	0	1	0	0	0	0	0	1
AT1G02071	0	0	0	1	0	0	0	0	0	1
AT1G02072	0	0	0	1	0	0	0	0	0	1
AT1G02073	0	0	0	1	0	0	0	0	0	1
AT1G02074	0	0	0	1	0	0	0	0	0	1
AT1G02075	0	0	0	1	0	0	0	0	0	1
AT1G02076	0	0	0	1	0	0	0	0	0	1
AT1G02077	0	0	0	1	0	0	0	0	0	1
AT1G02078	0	0	0	1	0	0	0	0	0	1
AT1G02079	0	0	0	1	0	0	0	0	0	1
AT1G02080	0	0	0	1	0	0	0	0	0	1
AT1G02081	0	0	0	1	0	0	0	0	0	1
AT1G02082	0	0	0	1	0	0	0	0	0	1
AT1G02083	0	0	0	1	0	0	0	0	0	1
AT1G02084	0	0	0	1	0	0	0	0	0	1
AT1G02085	0	0	0	1	0	0	0	0	0	1
AT1G02086	0	0	0	1	0	0	0	0	0	1
AT1G02087	0	0	0	1	0	0	0	0	0	1
AT1G02088	0	0	0	1	0	0	7	0	0	1
AT1G02089	0	0	0	1	0	0	0	0	0	1
AT1G02090	0	0	0	1	0	0	0	0	0	1
AT1G02091	0	0	0	1	0	0	0	0	0	1
AT1G02092	0	0	0	1	0	0	0	0	0	1
AT1G02093	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02094	0	0	0	1	0	0	0	0	0	1
AT1G02095	0	0	0	1	0	0	0	0	0	1
AT1G02096	0	0	0	1	0	0	0	0	0	1
AT1G02097	0	0	0	1	0	0	0	0	0	1
AT1G02098	0	0	0	1	0	0	0	0	0	1
AT1G02099	0	0	0	1	0	0	0	0	0	1
AT1G02100	0	0	0	1	0	0	0	0	0	1
AT1G02101	0	0	0	1	0	0	0	0	0	1
AT1G02102	0	0	0	1	0	0	0	0	0	1
AT1G02103	0	0	0	1	0	0	0	0	0	1
AT1G02104	0	0	0	1	0	0	0	0	0	1
AT1G02105	0	0	0	1	0	0	0	0	0	1
AT1G02106	0	0	0	1	0	0	0	0	0	1
AT1G02107	0	0	0	1	0	0	0	0	0	1
AT1G02108	0	0	0	1	0	0	0	0	0	1
AT1G02109	0	0	0	1	0	0	0	0	0	1
AT1G02110	0	0	0	1	0	0	0	0	0	1
AT1G02111	0	0	0	1	0	0	0	0	0	1
AT1G02112	0	0	0	1	0	0	0	0	0	1
AT1G02113	0	0	0	1	0	0	0	0	0	1
AT1G02114	0	0	0	1	0	0	0	0	0	1
AT1G02115	0	0	0	1	0	0	0	0	0	1
AT1G02116	0	0	0	1	0	0	0	0	0	1
AT1G02117	0	0	0	1	0	0	0	0	0	1
AT1G02118	0	0	0	1	0	0	0	0	0	1
AT1G02119	0	0	0	1	0	0	0	0	0	1
AT1G02120	0	0	0	1	0	0	0	0	0	1
AT1G02121	0	0	0	1	0	0	0	0	0	1
AT1G02122	0	0	0	1	0	0	0	0	0	1
AT1G02123	0	0	0	1	0	0	0	0	0	1
AT1G02124	0	0	0	1	0	0	0	0	0	1
AT1G02125	0	0	0	1	0	0	0	0	0	1
AT1G02126	0	0	0	1	0	0	0	0	0	1
AT1G02127	0	0	0	1	0	0	0	0	0	1
AT1G02128	0	0	0	1	0	0	0	0	0	1
AT1G02129	0	0	0	1	0	0	0	0	0	1
AT1G02130	0	0	0	1	0	0	0	0	0	1
AT1G02131	0	0	0	1	0	0	0	0	0	1
AT1G02132	0	0	0	1	0	0	0	0	0	1
AT1G02133	0	0	0	1	0	0	0	0	0	1
AT1G02134	0	0	0	1	0	0	0	0	0	1
AT1G02135	0	0	0	1	0	0	0	0	0	1
AT1G02136	0	0	0	1	0	0	0	0	0	1
AT1G02137	0	0	0	1	0	0	0	0	0	1
AT1G02138	0	0	0	1	0	0	0	0	0	1
AT1G02139	0	0	0	1	0	0	0	0	0	1
AT1G02140	0	0	0	1	0	0	0	0	0	1
AT1G02141	0	0	0	1	0	0	0	0	0	1
AT1G02142	0	0	0	1	0	0	0	0	0	1
AT1G02143	0	0	0	1	0	0	0	0	0	1
AT1G02144	0	0	0	1	0	0	0	0	0	1
AT1G02145	0	0	0	1	0	0	0	0	0	1
AT1G02146	0	0	0	1	0	0	0	0	0	1
AT1G02147	0	0	0	1	0	0	0	0	0	1
AT1G02148	0	0	0	1	0	0	0	0	0	1
AT1G02149	0	0	0	1	0	0	0	0	0	1
AT1G02150	0	0	0	1	0	0	0	0	0	1
AT1G02151	0	0	0	1	0	0	0	0	0	1
AT1G02152	0	0	0	1	0	0	0	0	0	1
AT1G02153	0	0	0	1	0	0	0	0	0	1
AT1G02154	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02155	0	0	0	1	0	0	0	0	0	1
AT1G02156	0	0	0	1	0	0	0	0	0	1
AT1G02157	0	0	0	1	0	0	0	0	0	1
AT1G02158	0	0	0	1	0	0	0	0	0	1
AT1G02159	0	0	0	1	0	0	0	0	0	1
AT1G02160	0	0	0	1	0	0	0	0	0	1
AT1G02161	0	0	0	1	0	0	0	0	0	1
AT1G02162	0	0	0	1	0	0	0	0	0	1
AT1G02163	0	0	0	1	0	0	0	0	0	1
AT1G02164	0	0	0	1	0	0	0	0	0	1
AT1G02165	0	0	0	1	0	0	0	0	0	1
AT1G02166	0	0	0	1	0	0	0	0	0	1
AT1G02167	0	0	0	1	0	0	0	0	0	1
AT1G02168	0	0	0	1	0	0	0	0	0	1
AT1G02169	0	0	0	1	0	0	0	0	0	1
AT1G02170	0	0	0	1	0	0	0	0	0	1
AT1G02171	0	0	0	1	0	0	0	0	0	1
AT1G02172	0	0	0	1	0	0	0	0	0	1
AT1G02173	0	0	0	1	0	0	0	0	0	1
AT1G02174	0	0	0	1	0	0	0	0	0	1
AT1G02175	0	0	0	1	0	0	0	0	0	1
AT1G02176	0	0	0	1	0	0	0	0	0	1
AT1G02177	0	0	0	1	0	0	0	0	0	1
AT1G02178	0	0	0	1	0	0	0	0	0	1
AT1G02179	0	0	0	1	0	0	0	0	0	1
AT1G02180	0	0	0	1	0	0	0	0	0	1
AT1G02181	0	0	0	1	0	0	0	0	0	1
AT1G02182	0	0	0	1	0	0	0	0	0	1
AT1G02183	0	0	0	1	0	0	0	0	0	1
AT1G02184	0	0	0	1	0	0	0	0	0	1
AT1G02185	0	0	0	1	0	0	0	0	0	1
AT1G02186	0	0	0	1	0	0	0	0	0	1
AT1G02187	0	0	0	1	0	0	0	0	0	1
AT1G02188	0	0	0	1	0	0	0	0	0	1
AT1G02189	0	0	0	1	0	0	0	0	0	1
AT1G02190	0	0	0	1	0	0	0	0	0	1
AT1G02191	0	0	0	1	0	0	0	0	0	1
AT1G02192	0	0	0	1	0	0	0	0	0	1
AT1G02193	0	0	0	1	0	0	0	0	0	1
AT1G02194	0	0	0	1	0	0	0	0	0	1
AT1G02195	0	0	0	1	0	0	0	0	0	1
AT1G02196	0	0	0	1	0	0	0	0	0	1
AT1G02197	0	0	0	1	0	0	0	0	0	1
AT1G02198	0	0	0	1	0	0	0	0	0	1
AT1G02199	0	0	0	1	0	0	0	0	0	1
AT1G02200	0	0	0	1	0	0	0	0	0	1
AT1G02201	0	0	0	1	0	0	0	0	0	1
AT1G02202	0	0	0	1	0	0	0	0	0	1
AT1G02203	0	0	0	1	0	0	0	0	0	1
AT1G02204	0	0	0	1	0	0	0	0	0	1
AT1G02205	0	0	0	1	0	0	0	0	0	1
AT1G02205	0	1	0	1	0	1	1	1	0	1
AT1G02206	0	0	0	1	0	0	0	0	0	1
AT1G02207	0	0	0	1	0	0	0	0	0	1
AT1G02208	0	0	0	1	0	0	0	0	0	1
AT1G02209	0	0	0	1	0	0	0	0	0	1
AT1G02210	0	0	0	1	0	0	0	0	0	1
AT1G02211	0	0	0	1	0	0	0	0	0	1
AT1G02212	0	0	0	1	0	0	0	0	0	1
AT1G02213	0	0	0	1	0	0	0	0	0	1
AT1G02214	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02215	0	0	0	1	0	0	0	0	0	1
AT1G02216	0	0	0	1	0	0	0	0	0	1
AT1G02217	0	0	0	1	0	0	0	0	0	1
AT1G02218	0	0	0	1	0	0	0	0	0	1
AT1G02219	0	0	0	1	0	0	0	0	0	1
AT1G02220	0	0	0	1	0	0	0	0	0	1
AT1G02220	0	0	0	1	0	0	1	0	0	1
AT1G02221	0	0	0	1	0	0	0	0	0	1
AT1G02222	0	0	0	1	0	0	0	0	0	1
AT1G02223	0	0	0	1	0	0	0	0	0	1
AT1G02224	0	0	0	1	0	0	0	0	0	1
AT1G02225	0	0	0	1	0	0	0	0	0	1
AT1G02226	0	0	0	1	0	0	0	0	0	1
AT1G02227	0	0	0	1	0	0	0	0	0	1
AT1G02228	0	0	0	1	0	0	0	0	0	1
AT1G02229	0	0	0	1	0	0	0	0	0	1
AT1G02230	0	0	0	1	0	0	0	0	0	1
AT1G02231	0	0	0	1	0	0	0	0	0	1
AT1G02232	0	0	0	1	0	0	0	0	0	1
AT1G02233	0	0	0	1	0	0	0	0	0	1
AT1G02234	0	0	0	1	0	0	0	0	0	1
AT1G02235	0	0	0	1	0	0	0	0	0	1
AT1G02236	0	0	0	1	0	0	0	0	0	1
AT1G02237	0	0	0	1	0	0	0	0	0	1
AT1G02238	0	0	0	1	0	0	0	0	0	1
AT1G02239	0	0	0	1	0	0	0	0	0	1
AT1G02240	0	0	0	1	0	0	0	0	0	1
AT1G02241	0	0	0	1	0	0	0	0	0	1
AT1G02242	0	0	0	1	0	0	0	0	0	1
AT1G02243	0	0	0	1	0	0	0	0	0	1
AT1G02244	0	0	0	1	0	0	0	0	0	1
AT1G02245	0	0	0	1	0	0	0	0	0	1
AT1G02246	0	0	0	1	0	0	0	0	0	1
AT1G02247	0	0	0	1	0	0	0	0	0	1
AT1G02248	0	0	0	1	0	0	0	0	0	1
AT1G02249	0	0	0	1	0	0	7	0	0	1
AT1G02250	0	0	0	1	0	0	0	0	0	1
AT1G02251	0	0	0	1	0	0	0	0	0	1
AT1G02252	0	0	0	1	0	0	0	0	0	1
AT1G02253	0	0	0	1	0	0	0	0	0	1
AT1G02254	0	0	0	1	0	0	0	0	0	1
AT1G02255	0	0	0	1	0	0	0	0	0	1
AT1G02256	0	0	0	1	0	0	0	0	0	1
AT1G02257	0	0	0	1	0	0	0	0	0	1
AT1G02258	0	0	0	1	0	0	0	0	0	1
AT1G02259	0	0	0	1	0	0	0	0	0	1
AT1G02260	0	0	0	1	0	0	0	0	0	1
AT1G02261	0	0	0	1	0	0	0	0	0	1
AT1G02262	0	0	0	1	0	0	0	0	0	1
AT1G02263	0	0	0	1	0	0	0	0	0	1
AT1G02264	0	0	0	1	0	0	0	0	0	1
AT1G02265	0	0	0	1	0	0	0	0	0	1
AT1G02266	0	0	0	1	0	0	0	0	0	1
AT1G02267	0	0	0	1	0	0	0	0	0	1
AT1G02268	0	0	0	1	0	0	0	0	0	1
AT1G02269	0	0	0	1	0	0	7	0	0	1
AT1G02270	0	0	0	1	0	0	0	0	0	1
AT1G02271	0	0	0	1	0	0	0	0	0	1
AT1G02272	0	0	0	1	0	0	0	0	0	1
AT1G02273	0	0	0	1	0	0	0	0	0	1
AT1G02274	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02275	0	0	0	1	0	0	0	0	0	1
AT1G02276	0	0	0	1	0	0	0	0	0	1
AT1G02277	0	0	0	1	0	0	0	0	0	1
AT1G02278	0	0	0	1	0	0	0	0	0	1
AT1G02279	0	0	0	1	0	0	0	0	0	1
AT1G02280	0	0	0	1	0	0	0	0	0	1
AT1G02281	0	0	0	1	0	0	0	0	0	1
AT1G02282	0	0	0	1	0	0	0	0	0	1
AT1G02283	0	0	0	1	0	0	0	0	0	1
AT1G02284	0	0	0	1	0	0	0	0	0	1
AT1G02285	0	0	0	1	0	0	0	0	0	1
AT1G02286	0	0	0	1	0	0	0	0	0	1
AT1G02287	0	0	0	1	0	0	0	0	0	1
AT1G02288	0	0	0	1	0	0	0	0	0	1
AT1G02289	0	0	0	1	0	0	0	0	0	1
AT1G02290	0	0	0	1	0	0	0	0	0	1
AT1G02291	0	0	0	1	0	0	0	0	0	1
AT1G02292	0	0	0	1	0	0	0	0	0	1
AT1G02293	0	0	0	1	0	0	0	0	0	1
AT1G02294	0	0	0	1	0	0	0	0	0	1
AT1G02295	0	0	0	1	0	0	0	0	0	1
AT1G02296	0	0	0	1	0	0	0	0	0	1
AT1G02297	0	0	0	1	0	0	0	0	0	1
AT1G02298	0	0	0	1	0	0	0	0	0	1
AT1G02299	0	0	0	1	0	0	0	0	0	1
AT1G02300	0	0	0	0	0	0	-1	0	0	-1
AT1G02300	0	0	0	1	0	0	0	0	0	1
AT1G02301	0	0	0	1	0	0	0	0	0	1
AT1G02302	0	0	0	1	0	0	0	0	0	1
AT1G02303	0	0	0	1	0	0	0	0	0	1
AT1G02304	0	0	0	1	0	0	0	0	0	1
AT1G02305	0	0	0	1	0	0	0	0	0	1
AT1G02306	0	0	0	1	0	0	0	0	0	1
AT1G02307	0	0	0	1	0	0	0	0	0	1
AT1G02308	0	0	0	1	0	0	0	0	0	1
AT1G02309	0	0	0	1	0	0	7	0	0	1
AT1G02310	0	0	0	1	0	0	0	0	0	1
AT1G02311	0	0	0	1	0	0	0	0	0	1
AT1G02312	0	0	0	1	0	0	0	0	0	1
AT1G02313	0	0	0	1	0	0	0	0	0	1
AT1G02314	0	0	0	1	0	0	0	0	0	1
AT1G02315	0	0	0	1	0	0	0	0	0	1
AT1G02316	0	0	0	1	0	0	0	0	0	1
AT1G02317	0	0	0	1	0	0	0	0	0	1
AT1G02318	0	0	0	1	0	0	0	0	0	1
AT1G02319	0	0	0	1	0	0	0	0	0	1
AT1G02320	0	0	0	1	0	0	0	0	0	1
AT1G02321	0	0	0	1	0	0	0	0	0	1
AT1G02322	0	0	0	1	0	0	0	0	0	1
AT1G02323	0	0	0	1	0	0	0	0	0	1
AT1G02324	0	0	0	1	0	0	0	0	0	1
AT1G02325	0	0	0	1	0	0	0	0	0	1
AT1G02326	0	0	0	1	0	0	0	0	0	1
AT1G02327	0	0	0	1	0	0	0	0	0	1
AT1G02328	0	0	0	1	0	0	0	0	0	1
AT1G02329	0	0	0	1	0	0	7	0	0	1
AT1G02330	0	0	0	1	0	0	0	0	0	1
AT1G02331	0	0	0	1	0	0	0	0	0	1
AT1G02332	0	0	0	1	0	0	0	0	0	1
AT1G02333	0	0	0	1	0	0	0	0	0	1
AT1G02334	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02335	0	0	0	1	0	0	0	0	0	1
AT1G02336	0	0	0	1	0	0	0	0	0	1
AT1G02337	0	0	0	1	0	0	0	0	0	1
AT1G02338	0	0	0	1	0	0	0	0	0	1
AT1G02339	0	0	0	1	0	0	0	0	0	1
AT1G02340	0	0	0	1	0	0	0	0	0	1
AT1G02340	1	1	1	1	1	1	1	0	0	1
AT1G02341	0	0	0	1	0	0	0	0	0	1
AT1G02342	0	0	0	1	0	0	0	0	0	1
AT1G02343	0	0	0	1	0	0	0	0	0	1
AT1G02344	0	0	0	1	0	0	0	0	0	1
AT1G02345	0	0	0	1	0	0	0	0	0	1
AT1G02346	0	0	0	1	0	0	0	0	0	1
AT1G02347	0	0	0	1	0	0	0	0	0	1
AT1G02348	0	0	0	1	0	0	0	0	0	1
AT1G02349	0	0	0	1	0	0	0	0	0	1
AT1G02350	0	0	0	1	0	0	0	0	0	1
AT1G02351	0	0	0	1	0	0	0	0	0	1
AT1G02352	0	0	0	1	0	0	0	0	0	1
AT1G02353	0	0	0	1	0	0	0	0	0	1
AT1G02354	0	0	0	1	0	0	0	0	0	1
AT1G02355	0	0	0	1	0	0	0	0	0	1
AT1G02356	0	0	0	1	0	0	0	0	0	1
AT1G02357	0	0	0	1	0	0	0	0	0	1
AT1G02358	0	0	0	1	0	0	0	0	0	1
AT1G02359	0	0	0	1	0	0	0	0	0	1
AT1G02360	0	0	0	1	0	0	0	0	0	1
AT1G02361	0	0	0	1	0	0	0	0	0	1
AT1G02362	0	0	0	1	0	0	0	0	0	1
AT1G02363	0	0	0	1	0	0	0	0	0	1
AT1G02364	0	0	0	1	0	0	0	0	0	1
AT1G02365	0	0	0	1	0	0	0	0	0	1
AT1G02366	0	0	0	1	0	0	0	0	0	1
AT1G02367	0	0	0	1	0	0	0	0	0	1
AT1G02368	0	0	0	1	0	0	0	0	0	1
AT1G02369	0	0	0	1	0	0	0	0	0	1
AT1G02370	0	0	0	1	0	0	0	0	0	1
AT1G02371	0	0	0	1	0	0	0	0	0	1
AT1G02372	0	0	0	1	0	0	0	0	0	1
AT1G02373	0	0	0	1	0	0	0	0	0	1
AT1G02374	0	0	0	1	0	0	0	0	0	1
AT1G02375	0	0	0	1	0	0	0	0	0	1
AT1G02376	0	0	0	1	0	0	0	0	0	1
AT1G02377	0	0	0	1	0	0	0	0	0	1
AT1G02378	0	0	0	1	0	0	0	0	0	1
AT1G02379	0	0	0	1	0	0	0	0	0	1
AT1G02380	0	0	0	1	0	0	0	0	0	1
AT1G02381	0	0	0	1	0	0	0	0	0	1
AT1G02382	0	0	0	1	0	0	0	0	0	1
AT1G02383	0	0	0	1	0	0	0	0	0	1
AT1G02384	0	0	0	1	0	0	0	0	0	1
AT1G02385	0	0	0	1	0	0	0	0	0	1
AT1G02386	0	0	0	1	0	0	0	0	0	1
AT1G02387	0	0	0	1	0	0	0	0	0	1
AT1G02388	0	0	0	1	0	0	0	0	0	1
AT1G02389	0	0	0	1	0	0	0	0	0	1
AT1G02390	0	0	0	1	0	0	0	0	0	1
AT1G02391	0	0	0	1	0	0	0	0	0	1
AT1G02392	0	0	0	1	0	0	0	0	0	1
AT1G02393	0	0	0	1	0	0	0	0	0	1
AT1G02394	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02395	0	0	0	1	0	0	0	0	0	1
AT1G02396	0	0	0	1	0	0	0	0	0	1
AT1G02397	0	0	0	1	0	0	0	0	0	1
AT1G02398	0	0	0	1	0	0	0	0	0	1
AT1G02399	0	0	0	1	0	0	0	0	0	1
AT1G02400	0	0	0	1	0	0	0	0	0	1
AT1G02400	0	1	1	1	0	0	0	0	0	1
AT1G02401	0	0	0	1	0	0	0	0	0	1
AT1G02402	0	0	0	1	0	0	0	0	0	1
AT1G02403	0	0	0	1	0	0	0	0	0	1
AT1G02404	0	0	0	1	0	0	0	0	0	1
AT1G02405	0	0	0	1	0	0	0	0	0	1
AT1G02406	0	0	0	1	0	0	0	0	0	1
AT1G02407	0	0	0	1	0	0	0	0	0	1
AT1G02408	0	0	0	1	0	0	0	0	0	1
AT1G02409	0	0	0	1	0	0	0	0	0	1
AT1G02410	0	0	0	1	0	0	0	0	0	1
AT1G02411	0	0	0	1	0	0	0	0	0	1
AT1G02412	0	0	0	1	0	0	0	0	0	1
AT1G02413	0	0	0	1	0	0	0	0	0	1
AT1G02414	0	0	0	1	0	0	0	0	0	1
AT1G02415	0	0	0	1	0	0	0	0	0	1
AT1G02416	0	0	0	1	0	0	0	0	0	1
AT1G02417	0	0	0	1	0	0	0	0	0	1
AT1G02418	0	0	0	1	0	0	0	0	0	1
AT1G02419	0	0	0	1	0	0	0	0	0	1
AT1G02420	0	0	0	1	0	0	0	0	0	1
AT1G02421	0	0	0	1	0	0	0	0	0	1
AT1G02422	0	0	0	1	0	0	0	0	0	1
AT1G02423	0	0	0	1	0	0	0	0	0	1
AT1G02424	0	0	0	1	0	0	0	0	0	1
AT1G02425	0	0	0	1	0	0	0	0	0	1
AT1G02426	0	0	0	1	0	0	0	0	0	1
AT1G02427	0	0	0	1	0	0	0	0	0	1
AT1G02428	0	0	0	1	0	0	0	0	0	1
AT1G02429	0	0	0	1	0	0	7	0	0	1
AT1G02430	0	0	0	1	0	0	0	0	0	1
AT1G02431	0	0	0	1	0	0	0	0	0	1
AT1G02432	0	0	0	1	0	0	0	0	0	1
AT1G02433	0	0	0	1	0	0	0	0	0	1
AT1G02434	0	0	0	1	0	0	0	0	0	1
AT1G02435	0	0	0	1	0	0	0	0	0	1
AT1G02436	0	0	0	1	0	0	0	0	0	1
AT1G02437	0	0	0	1	0	0	0	0	0	1
AT1G02438	0	0	0	1	0	0	0	0	0	1
AT1G02439	0	0	0	1	0	0	0	0	0	1
AT1G02440	0	0	0	1	0	0	0	0	0	1
AT1G02441	0	0	0	1	0	0	0	0	0	1
AT1G02442	0	0	0	1	0	0	0	0	0	1
AT1G02443	0	0	0	1	0	0	0	0	0	1
AT1G02444	0	0	0	1	0	0	0	0	0	1
AT1G02445	0	0	0	1	0	0	0	0	0	1
AT1G02446	0	0	0	1	0	0	0	0	0	1
AT1G02447	0	0	0	1	0	0	0	0	0	1
AT1G02448	0	0	0	1	0	0	0	0	0	1
AT1G02449	0	0	0	1	0	0	7	0	0	1
AT1G02450	0	0	0	1	0	0	0	0	0	1
AT1G02451	0	0	0	1	0	0	0	0	0	1
AT1G02452	0	0	0	1	0	0	0	0	0	1
AT1G02453	0	0	0	1	0	0	0	0	0	1
AT1G02454	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02455	0	0	0	1	0	0	0	0	0	1
AT1G02456	0	0	0	1	0	0	0	0	0	1
AT1G02457	0	0	0	1	0	0	0	0	0	1
AT1G02458	0	0	0	1	0	0	0	0	0	1
AT1G02459	0	0	0	1	0	0	0	0	0	1
AT1G02460	0	0	0	1	0	0	0	0	0	1
AT1G02461	0	0	0	1	0	0	0	0	0	1
AT1G02462	0	0	0	1	0	0	0	0	0	1
AT1G02463	0	0	0	1	0	0	0	0	0	1
AT1G02464	0	0	0	1	0	0	0	0	0	1
AT1G02465	0	0	0	1	0	0	0	0	0	1
AT1G02466	0	0	0	1	0	0	0	0	0	1
AT1G02467	0	0	0	1	0	0	0	0	0	1
AT1G02468	0	0	0	1	0	0	0	0	0	1
AT1G02469	0	0	0	1	0	0	0	0	0	1
AT1G02470	0	0	0	1	0	0	0	0	0	1
AT1G02471	0	0	0	1	0	0	0	0	0	1
AT1G02472	0	0	0	1	0	0	0	0	0	1
AT1G02473	0	0	0	1	0	0	0	0	0	1
AT1G02474	0	0	0	1	0	0	0	0	0	1
AT1G02475	0	0	0	1	0	0	0	0	0	1
AT1G02476	0	0	0	1	0	0	0	0	0	1
AT1G02477	0	0	0	1	0	0	0	0	0	1
AT1G02478	0	0	0	1	0	0	0	0	0	1
AT1G02479	0	0	0	1	0	0	0	0	0	1
AT1G02480	0	0	0	1	0	0	0	0	0	1
AT1G02481	0	0	0	1	0	0	0	0	0	1
AT1G02482	0	0	0	1	0	0	0	0	0	1
AT1G02483	0	0	0	1	0	0	0	0	0	1
AT1G02484	0	0	0	1	0	0	0	0	0	1
AT1G02485	0	0	0	1	0	0	0	0	0	1
AT1G02486	0	0	0	1	0	0	0	0	0	1
AT1G02487	0	0	0	1	0	0	0	0	0	1
AT1G02488	0	0	0	1	0	0	0	0	0	1
AT1G02489	0	0	0	1	0	0	0	0	0	1
AT1G02490	0	0	0	1	0	0	7	0	0	1
AT1G02491	0	0	0	1	0	0	0	0	0	1
AT1G02492	0	0	0	1	0	0	0	0	0	1
AT1G02493	0	0	0	1	0	0	0	0	0	1
AT1G02494	0	0	0	1	0	0	0	0	0	1
AT1G02495	0	0	0	1	0	0	0	0	0	1
AT1G02496	0	0	0	1	0	0	0	0	0	1
AT1G02497	0	0	0	1	0	0	0	0	0	1
AT1G02498	0	0	0	1	0	0	0	0	0	1
AT1G02499	0	0	0	1	0	0	0	0	0	1
AT1G02500	0	0	0	1	0	0	0	0	0	1
AT1G02501	0	0	0	1	0	0	0	0	0	1
AT1G02502	0	0	0	1	0	0	0	0	0	1
AT1G02503	0	0	0	1	0	0	0	0	0	1
AT1G02504	0	0	0	1	0	0	0	0	0	1
AT1G02505	0	0	0	1	0	0	0	0	0	1
AT1G02506	0	0	0	1	0	0	0	0	0	1
AT1G02507	0	0	0	1	0	0	0	0	0	1
AT1G02508	0	0	0	1	0	0	0	0	0	1
AT1G02509	0	0	0	1	0	0	0	0	0	1
AT1G02510	0	0	0	1	0	0	7	0	0	1
AT1G02511	0	0	0	1	0	0	0	0	0	1
AT1G02512	0	0	0	1	0	0	0	0	0	1
AT1G02513	0	0	0	1	0	0	0	0	0	1
AT1G02514	0	0	0	1	0	0	0	0	0	1
AT1G02515	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02516	0	0	0	1	0	0	0	0	0	1
AT1G02517	0	0	0	1	0	0	0	0	0	1
AT1G02518	0	0	0	1	0	0	0	0	0	1
AT1G02519	0	0	0	1	0	0	0	0	0	1
AT1G02520	0	0	0	1	0	0	0	0	0	1
AT1G02521	0	0	0	1	0	0	0	0	0	1
AT1G02522	0	0	0	1	0	0	0	0	0	1
AT1G02523	0	0	0	1	0	0	0	0	0	1
AT1G02524	0	0	0	1	0	0	0	0	0	1
AT1G02525	0	0	0	1	0	0	0	0	0	1
AT1G02526	0	0	0	1	0	0	0	0	0	1
AT1G02527	0	0	0	1	0	0	0	0	0	1
AT1G02528	0	0	0	1	0	0	0	0	0	1
AT1G02529	0	0	0	1	0	0	0	0	0	1
AT1G02530	0	0	0	1	0	0	0	0	0	1
AT1G02531	0	0	0	1	0	0	0	0	0	1
AT1G02532	0	0	0	1	0	0	0	0	0	1
AT1G02533	0	0	0	1	0	0	0	0	0	1
AT1G02534	0	0	0	1	0	0	0	0	0	1
AT1G02535	0	0	0	1	0	0	0	0	0	1
AT1G02536	0	0	0	1	0	0	0	0	0	1
AT1G02537	0	0	0	1	0	0	0	0	0	1
AT1G02538	0	0	0	1	0	0	0	0	0	1
AT1G02539	0	0	0	1	0	0	0	0	0	1
AT1G02540	0	0	0	1	0	0	0	0	0	1
AT1G02541	0	0	0	1	0	0	0	0	0	1
AT1G02542	0	0	0	1	0	0	0	0	0	1
AT1G02543	0	0	0	1	0	0	0	0	0	1
AT1G02544	0	0	0	1	0	0	0	0	0	1
AT1G02545	0	0	0	1	0	0	0	0	0	1
AT1G02546	0	0	0	1	0	0	0	0	0	1
AT1G02547	0	0	0	1	0	0	0	0	0	1
AT1G02548	0	0	0	1	0	0	0	0	0	1
AT1G02549	0	0	0	1	0	0	0	0	0	1
AT1G02550	0	0	0	1	0	0	0	0	0	1
AT1G02551	0	0	0	1	0	0	0	0	0	1
AT1G02552	0	0	0	1	0	0	0	0	0	1
AT1G02553	0	0	0	1	0	0	0	0	0	1
AT1G02554	0	0	0	1	0	0	0	0	0	1
AT1G02555	0	0	0	1	0	0	0	0	0	1
AT1G02556	0	0	0	1	0	0	0	0	0	1
AT1G02557	0	0	0	1	0	0	0	0	0	1
AT1G02558	0	0	0	1	0	0	0	0	0	1
AT1G02559	0	0	0	1	0	0	0	0	0	1
AT1G02560	0	0	0	1	0	0	0	0	0	1
AT1G02561	0	0	0	1	0	0	0	0	0	1
AT1G02562	0	0	0	1	0	0	0	0	0	1
AT1G02563	0	0	0	1	0	0	0	0	0	1
AT1G02564	0	0	0	1	0	0	0	0	0	1
AT1G02565	0	0	0	1	0	0	0	0	0	1
AT1G02566	0	0	0	1	0	0	0	0	0	1
AT1G02567	0	0	0	1	0	0	0	0	0	1
AT1G02568	0	0	0	1	0	0	0	0	0	1
AT1G02569	0	0	0	1	0	0	0	0	0	1
AT1G02570	0	0	0	1	0	0	0	0	0	1
AT1G02571	0	0	0	1	0	0	0	0	0	1
AT1G02572	0	0	0	1	0	0	0	0	0	1
AT1G02573	0	0	0	1	0	0	0	0	0	1
AT1G02574	0	0	0	1	0	0	0	0	0	1
AT1G02575	0	0	0	1	0	0	0	0	0	1
AT1G02576	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02577	0	0	0	1	0	0	0	0	0	1
AT1G02578	0	0	0	1	0	0	0	0	0	1
AT1G02579	0	0	0	1	0	0	0	0	0	1
AT1G02580	0	0	0	1	0	0	0	0	0	1
AT1G02581	0	0	0	1	0	0	0	0	0	1
AT1G02582	0	0	0	1	0	0	0	0	0	1
AT1G02583	0	0	0	1	0	0	0	0	0	1
AT1G02584	0	0	0	1	0	0	0	0	0	1
AT1G02585	0	0	0	1	0	0	0	0	0	1
AT1G02586	0	0	0	1	0	0	0	0	0	1
AT1G02587	0	0	0	1	0	0	0	0	0	1
AT1G02588	0	0	0	1	0	0	0	0	0	1
AT1G02589	0	0	0	1	0	0	0	0	0	1
AT1G02590	0	0	0	1	0	0	0	0	0	1
AT1G02591	0	0	0	1	0	0	0	0	0	1
AT1G02592	0	0	0	1	0	0	0	0	0	1
AT1G02593	0	0	0	1	0	0	0	0	0	1
AT1G02594	0	0	0	1	0	0	0	0	0	1
AT1G02595	0	0	0	1	0	0	0	0	0	1
AT1G02596	0	0	0	1	0	0	0	0	0	1
AT1G02597	0	0	0	1	0	0	0	0	0	1
AT1G02598	0	0	0	1	0	0	0	0	0	1
AT1G02599	0	0	0	1	0	0	0	0	0	1
AT1G02600	0	0	0	1	0	0	0	0	0	1
AT1G02601	0	0	0	1	0	0	0	0	0	1
AT1G02602	0	0	0	1	0	0	0	0	0	1
AT1G02603	0	0	0	1	0	0	0	0	0	1
AT1G02604	0	0	0	1	0	0	0	0	0	1
AT1G02605	0	0	0	1	0	0	0	0	0	1
AT1G02606	0	0	0	1	0	0	0	0	0	1
AT1G02607	0	0	0	1	0	0	0	0	0	1
AT1G02608	0	0	0	1	0	0	0	0	0	1
AT1G02609	0	0	0	1	0	0	0	0	0	1
AT1G02610	0	0	0	1	0	0	0	0	0	1
AT1G02611	0	0	0	1	0	0	0	0	0	1
AT1G02612	0	0	0	1	0	0	0	0	0	1
AT1G02613	0	0	0	1	0	0	0	0	0	1
AT1G02614	0	0	0	1	0	0	0	0	0	1
AT1G02615	0	0	0	1	0	0	0	0	0	1
AT1G02616	0	0	0	1	0	0	0	0	0	1
AT1G02617	0	0	0	1	0	0	0	0	0	1
AT1G02618	0	0	0	1	0	0	0	0	0	1
AT1G02619	0	0	0	1	0	0	0	0	0	1
AT1G02620	0	0	0	1	0	0	0	0	0	1
AT1G02621	0	0	0	1	0	0	0	0	0	1
AT1G02622	0	0	0	1	0	0	0	0	0	1
AT1G02623	0	0	0	1	0	0	0	0	0	1
AT1G02624	0	0	0	1	0	0	0	0	0	1
AT1G02625	0	0	0	1	0	0	0	0	0	1
AT1G02626	0	0	0	1	0	0	0	0	0	1
AT1G02627	0	0	0	1	0	0	0	0	0	1
AT1G02628	0	0	0	1	0	0	0	0	0	1
AT1G02629	0	0	0	1	0	0	0	0	0	1
AT1G02630	0	0	0	1	0	0	0	0	0	1
AT1G02631	0	0	0	1	0	0	0	0	0	1
AT1G02632	0	0	0	1	0	0	0	0	0	1
AT1G02633	0	0	0	1	0	0	0	0	0	1
AT1G02634	0	0	0	1	0	0	0	0	0	1
AT1G02635	0	0	0	1	0	0	0	0	0	1
AT1G02636	0	0	0	1	0	0	0	0	0	1
AT1G02637	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02638	0	0	0	1	0	0	0	0	0	1
AT1G02639	0	0	0	1	0	0	0	0	0	1
AT1G02640	0	0	0	0	0	0	-1	0	0	-1
AT1G02640	0	0	0	1	0	0	0	0	0	1
AT1G02641	0	0	0	1	0	0	0	0	0	1
AT1G02642	0	0	0	1	0	0	0	0	0	1
AT1G02643	0	0	0	1	0	0	0	0	0	1
AT1G02644	0	0	0	1	0	0	0	0	0	1
AT1G02645	0	0	0	1	0	0	0	0	0	1
AT1G02646	0	0	0	1	0	0	0	0	0	1
AT1G02647	0	0	0	1	0	0	0	0	0	1
AT1G02648	0	0	0	1	0	0	0	0	0	1
AT1G02649	0	0	0	1	0	0	0	0	0	1
AT1G02650	0	0	0	1	0	0	0	0	0	1
AT1G02651	0	0	0	1	0	0	0	0	0	1
AT1G02652	0	0	0	1	0	0	0	0	0	1
AT1G02653	0	0	0	1	0	0	0	0	0	1
AT1G02654	0	0	0	1	0	0	0	0	0	1
AT1G02655	0	0	0	1	0	0	0	0	0	1
AT1G02656	0	0	0	1	0	0	0	0	0	1
AT1G02657	0	0	0	1	0	0	0	0	0	1
AT1G02658	0	0	0	1	0	0	0	0	0	1
AT1G02659	0	0	0	1	0	0	0	0	0	1
AT1G02660	0	0	0	1	0	0	0	0	0	1
AT1G02661	0	0	0	1	0	0	0	0	0	1
AT1G02662	0	0	0	1	0	0	0	0	0	1
AT1G02663	0	0	0	1	0	0	0	0	0	1
AT1G02664	0	0	0	1	0	0	0	0	0	1
AT1G02665	0	0	0	1	0	0	0	0	0	1
AT1G02666	0	0	0	1	0	0	0	0	0	1
AT1G02667	0	0	0	1	0	0	0	0	0	1
AT1G02668	0	0	0	1	0	0	0	0	0	1
AT1G02669	0	0	0	1	0	0	0	0	0	1
AT1G02670	0	0	0	1	0	0	0	0	0	1
AT1G02671	0	0	0	1	0	0	0	0	0	1
AT1G02672	0	0	0	1	0	0	0	0	0	1
AT1G02673	0	0	0	1	0	0	0	0	0	1
AT1G02674	0	0	0	1	0	0	0	0	0	1
AT1G02675	0	0	0	1	0	0	0	0	0	1
AT1G02676	0	0	0	1	0	0	0	0	0	1
AT1G02677	0	0	0	1	0	0	0	0	0	1
AT1G02678	0	0	0	1	0	0	0	0	0	1
AT1G02679	0	0	0	1	0	0	0	0	0	1
AT1G02680	0	0	0	1	0	0	0	0	0	1
AT1G02681	0	0	0	1	0	0	0	0	0	1
AT1G02682	0	0	0	1	0	0	0	0	0	1
AT1G02683	0	0	0	1	0	0	0	0	0	1
AT1G02684	0	0	0	1	0	0	0	0	0	1
AT1G02685	0	0	0	1	0	0	0	0	0	1
AT1G02686	0	0	0	1	0	0	0	0	0	1
AT1G02687	0	0	0	1	0	0	0	0	0	1
AT1G02688	0	0	0	1	0	0	0	0	0	1
AT1G02689	0	0	0	1	0	0	0	0	0	1
AT1G02690	0	-1	0	0	0	0	0	0	0	-1
AT1G02690	0	0	0	1	0	0	0	0	0	1
AT1G02691	0	0	0	1	0	0	0	0	0	1
AT1G02692	0	0	0	1	0	0	0	0	0	1
AT1G02693	0	0	0	1	0	0	0	0	0	1
AT1G02694	0	0	0	1	0	0	0	0	0	1
AT1G02695	0	0	0	1	0	0	0	0	0	1
AT1G02696	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02697	0	0	0	1	0	0	0	0	0	1
AT1G02698	0	0	0	1	0	0	0	0	0	1
AT1G02699	0	0	0	1	0	0	0	0	0	1
AT1G02700	0	0	0	1	0	0	0	0	0	1
AT1G02701	0	0	0	1	0	0	0	0	0	1
AT1G02702	0	0	0	1	0	0	0	0	0	1
AT1G02703	0	0	0	1	0	0	0	0	0	1
AT1G02704	0	0	0	1	0	0	0	0	0	1
AT1G02705	0	0	0	1	0	0	0	0	0	1
AT1G02706	0	0	0	1	0	0	0	0	0	1
AT1G02707	0	0	0	1	0	0	0	0	0	1
AT1G02708	0	0	0	1	0	0	0	0	0	1
AT1G02709	0	0	0	1	0	0	0	0	0	1
AT1G02710	0	0	0	1	0	0	0	0	0	1
AT1G02711	0	0	0	1	0	0	0	0	0	1
AT1G02712	0	0	0	1	0	0	0	0	0	1
AT1G02713	0	0	0	1	0	0	0	0	0	1
AT1G02714	0	0	0	1	0	0	0	0	0	1
AT1G02715	0	0	0	1	0	0	0	0	0	1
AT1G02716	0	0	0	1	0	0	0	0	0	1
AT1G02717	0	0	0	1	0	0	0	0	0	1
AT1G02718	0	0	0	1	0	0	0	0	0	1
AT1G02719	0	0	0	1	0	0	0	0	0	1
AT1G02720	0	0	0	1	0	0	0	0	0	1
AT1G02721	0	0	0	1	0	0	0	0	0	1
AT1G02722	0	0	0	1	0	0	0	0	0	1
AT1G02723	0	0	0	1	0	0	0	0	0	1
AT1G02724	0	0	0	1	0	0	0	0	0	1
AT1G02725	0	0	0	1	0	0	0	0	0	1
AT1G02726	0	0	0	1	0	0	0	0	0	1
AT1G02727	0	0	0	1	0	0	0	0	0	1
AT1G02728	0	0	0	1	0	0	0	0	0	1
AT1G02729	0	0	0	1	0	0	0	0	0	1
AT1G02730	0	0	0	1	0	0	0	0	0	1
AT1G02731	0	0	0	1	0	0	0	0	0	1
AT1G02732	0	0	0	1	0	0	7	0	0	1
AT1G02733	0	0	0	1	0	0	0	0	0	1
AT1G02734	0	0	0	1	0	0	0	0	0	1
AT1G02735	0	0	0	1	0	0	0	0	0	1
AT1G02736	0	0	0	1	0	0	0	0	0	1
AT1G02737	0	0	0	1	0	0	0	0	0	1
AT1G02738	0	0	0	1	0	0	0	0	0	1
AT1G02739	0	0	0	1	0	0	0	0	0	1
AT1G02740	0	0	0	1	0	0	0	0	0	1
AT1G02741	0	0	0	1	0	0	0	0	0	1
AT1G02742	0	0	0	1	0	0	0	0	0	1
AT1G02743	0	0	0	1	0	0	0	0	0	1
AT1G02744	0	0	0	1	0	0	0	0	0	1
AT1G02745	0	0	0	1	0	0	0	0	0	1
AT1G02746	0	0	0	1	0	0	0	0	0	1
AT1G02747	0	0	0	1	0	0	0	0	0	1
AT1G02748	0	0	0	1	0	0	0	0	0	1
AT1G02749	0	0	0	1	0	0	0	0	0	1
AT1G02750	0	0	0	1	0	0	0	0	0	1
AT1G02751	0	0	0	1	0	0	0	0	0	1
AT1G02752	0	0	0	1	0	0	7	0	0	1
AT1G02753	0	0	0	1	0	0	0	0	0	1
AT1G02754	0	0	0	1	0	0	0	0	0	1
AT1G02755	0	0	0	1	0	0	0	0	0	1
AT1G02756	0	0	0	1	0	0	0	0	0	1
AT1G02757	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02758	0	0	0	1	0	0	0	0	0	1
AT1G02759	0	0	0	1	0	0	0	0	0	1
AT1G02760	0	0	0	1	0	0	0	0	0	1
AT1G02761	0	0	0	1	0	0	0	0	0	1
AT1G02762	0	0	0	1	0	0	0	0	0	1
AT1G02763	0	0	0	1	0	0	0	0	0	1
AT1G02764	0	0	0	1	0	0	0	0	0	1
AT1G02765	0	0	0	1	0	0	0	0	0	1
AT1G02766	0	0	0	1	0	0	0	0	0	1
AT1G02767	0	0	0	1	0	0	0	0	0	1
AT1G02768	0	0	0	1	0	0	0	0	0	1
AT1G02769	0	0	0	1	0	0	0	0	0	1
AT1G02770	0	0	0	1	0	0	0	0	0	1
AT1G02771	0	0	0	1	0	0	0	0	0	1
AT1G02772	0	0	0	1	0	0	0	0	0	1
AT1G02773	0	0	0	1	0	0	0	0	0	1
AT1G02774	0	0	0	1	0	0	0	0	0	1
AT1G02775	0	0	0	1	0	0	0	0	0	1
AT1G02776	0	0	0	1	0	0	0	0	0	1
AT1G02777	0	0	0	1	0	0	0	0	0	1
AT1G02778	0	0	0	1	0	0	0	0	0	1
AT1G02779	0	0	0	1	0	0	0	0	0	1
AT1G02780	0	0	0	1	0	0	0	0	0	1
AT1G02781	0	0	0	1	0	0	0	0	0	1
AT1G02782	0	0	0	1	0	0	0	0	0	1
AT1G02783	0	0	0	1	0	0	0	0	0	1
AT1G02784	0	0	0	1	0	0	0	0	0	1
AT1G02785	0	0	0	1	0	0	0	0	0	1
AT1G02786	0	0	0	1	0	0	0	0	0	1
AT1G02787	0	0	0	1	0	0	0	0	0	1
AT1G02788	0	0	0	1	0	0	0	0	0	1
AT1G02789	0	0	0	1	0	0	0	0	0	1
AT1G02790	0	0	0	1	0	0	0	0	0	1
AT1G02791	0	0	0	1	0	0	0	0	0	1
AT1G02792	0	0	0	1	0	0	0	0	0	1
AT1G02793	0	0	0	1	0	0	0	0	0	1
AT1G02794	0	0	0	1	0	0	0	0	0	1
AT1G02795	0	0	0	1	0	0	0	0	0	1
AT1G02796	0	0	0	1	0	0	0	0	0	1
AT1G02797	0	0	0	1	0	0	0	0	0	1
AT1G02798	0	0	0	1	0	0	0	0	0	1
AT1G02799	0	0	0	1	0	0	0	0	0	1
AT1G02800	0	0	0	1	0	0	0	0	0	1
AT1G02800	0	1	0	1	0	1	1	1	0	1
AT1G02801	0	0	0	1	0	0	0	0	0	1
AT1G02802	0	0	0	1	0	0	0	0	0	1
AT1G02803	0	0	0	1	0	0	0	0	0	1
AT1G02804	0	0	0	1	0	0	0	0	0	1
AT1G02805	0	0	0	1	0	0	0	0	0	1
AT1G02806	0	0	0	1	0	0	0	0	0	1
AT1G02807	0	0	0	1	0	0	0	0	0	1
AT1G02808	0	0	0	1	0	0	0	0	0	1
AT1G02809	0	0	0	1	0	0	0	0	0	1
AT1G02810	0	0	0	1	0	0	0	0	0	1
AT1G02810	0	0	0	1	0	0	1	0	0	1
AT1G02811	0	0	0	1	0	0	0	0	0	1
AT1G02812	0	0	0	1	0	0	0	0	0	1
AT1G02813	0	0	0	1	0	0	0	0	0	1
AT1G02814	0	0	0	1	0	0	0	0	0	1
AT1G02815	0	0	0	1	0	0	0	0	0	1
AT1G02816	0	0	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02817	0	0	0	1	0	0	0	0	0	1
AT1G02818	0	0	0	1	0	0	0	0	0	1
AT1G02819	0	0	0	1	0	0	0	0	0	1
AT1G02820	0	-1	0	0	0	0	0	0	0	-1
AT1G02820	0	0	0	1	0	0	0	0	0	1
AT1G02821	0	0	0	1	0	0	0	0	0	1
AT1G02822	0	0	0	1	0	0	0	0	0	1
AT1G02823	0	0	0	1	0	0	0	0	0	1
AT1G02824	0	0	0	1	0	0	0	0	0	1
AT1G02825	0	0	0	1	0	0	0	0	0	1
AT1G02826	0	0	0	1	0	0	0	0	0	1
AT1G02827	0	0	0	1	0	0	0	0	0	1
AT1G02828	0	0	0	1	0	0	0	0	0	1
AT1G02829	0	0	0	1	0	0	0	0	0	1
AT1G02830	0	0	0	1	0	0	0	0	0	1
AT1G02831	0	0	0	1	0	0	0	0	0	1
AT1G02832	0	0	0	1	0	0	0	0	0	1
AT1G02833	0	0	0	1	0	0	0	0	0	1
AT1G02834	0	0	0	1	0	0	0	0	0	1
AT1G02835	0	0	0	1	0	0	0	0	0	1
AT1G02836	0	0	0	1	0	0	0	0	0	1
AT1G02837	0	0	0	1	0	0	0	0	0	1
AT1G02838	0	0	0	1	0	0	0	0	0	1
AT1G02839	0	0	0	1	0	0	0	0	0	1
AT1G02840	0	0	0	1	0	0	0	0	0	1
AT1G02841	0	0	0	1	0	0	0	0	0	1
AT1G02842	0	0	0	1	0	0	0	0	0	1
AT1G02843	0	0	0	1	0	0	0	0	0	1
AT1G02844	0	0	0	1	0	0	0	0	0	1
AT1G02845	0	0	0	1	0	0	0	0	0	1
AT1G02846	0	0	0	1	0	0	0	0	0	1
AT1G02847	0	0	0	1	0	0	0	0	0	1
AT1G02848	0	0	0	1	0	0	0	0	0	1
AT1G02849	0	0	0	1	0	0	0	0	0	1
AT1G02850	0	0	0	-1	0	0	0	0	0	-1
AT1G02850	0	0	0	1	0	0	0	0	0	1
AT1G02851	0	0	0	1	0	0	0	0	0	1
AT1G02852	0	0	0	1	0	0	0	0	0	1
AT1G02853	0	0	0	1	0	0	0	0	0	1
AT1G02854	0	0	0	1	0	0	0	0	0	1
AT1G02855	0	0	0	1	0	0	0	0	0	1
AT1G02856	0	0	0	1	0	0	0	0	0	1
AT1G02857	0	0	0	1	0	0	0	0	0	1
AT1G02858	0	0	0	1	0	0	0	0	0	1
AT1G02859	0	0	0	1	0	0	0	0	0	1
AT1G02860	0	0	0	1	0	0	0	0	0	1
AT1G02861	0	0	0	1	0	0	0	0	0	1
AT1G02862	0	0	0	1	0	0	0	0	0	1
AT1G02863	0	0	0	1	0	0	0	0	0	1
AT1G02864	0	0	0	1	0	0	0	0	0	1
AT1G02865	0	0	0	1	0	0	0	0	0	1
AT1G02866	0	0	0	1	0	0	0	0	0	1
AT1G02867	0	0	0	1	0	0	0	0	0	1
AT1G02868	0	0	0	1	0	0	0	0	0	1
AT1G02869	0	0	0	1	0	0	0	0	0	1
AT1G02870	0	0	0	1	0	0	0	0	0	1
AT1G02871	0	0	0	1	0	0	0	0	0	1
AT1G02872	0	0	0	1	0	0	0	0	0	1
AT1G02873	0	0	0	1	0	0	0	0	0	1
AT1G02874	0	0	0	1	0	0	0	0	0	1
AT1G02875	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02876	0	0	0	1	0	0	0	0	0	1
AT1G02877	0	0	0	1	0	0	0	0	0	1
AT1G02878	0	0	0	1	0	0	0	0	0	1
AT1G02879	0	0	0	1	0	0	0	0	0	1
AT1G02880	0	0	0	1	0	0	0	0	0	1
AT1G02881	0	0	0	1	0	0	0	0	0	1
AT1G02882	0	0	0	1	0	0	0	0	0	1
AT1G02883	0	0	0	1	0	0	0	0	0	1
AT1G02884	0	0	0	1	0	0	0	0	0	1
AT1G02885	0	0	0	1	0	0	0	0	0	1
AT1G02886	0	0	0	1	0	0	0	0	0	1
AT1G02887	0	0	0	1	0	0	0	0	0	1
AT1G02888	0	0	0	1	0	0	0	0	0	1
AT1G02889	0	0	0	1	0	0	0	0	0	1
AT1G02890	0	0	0	1	0	0	0	0	0	1
AT1G02891	0	0	0	1	0	0	0	0	0	1
AT1G02892	0	0	0	1	0	0	0	0	0	1
AT1G02893	0	0	0	1	0	0	0	0	0	1
AT1G02894	0	0	0	1	0	0	0	0	0	1
AT1G02895	0	0	0	1	0	0	0	0	0	1
AT1G02896	0	0	0	1	0	0	0	0	0	1
AT1G02897	0	0	0	1	0	0	0	0	0	1
AT1G02898	0	0	0	1	0	0	0	0	0	1
AT1G02899	0	0	0	1	0	0	0	0	0	1
AT1G02900	0	0	0	0	0	0	-1	0	0	-1
AT1G02900	0	0	0	1	0	0	0	0	0	1
AT1G02901	0	0	0	1	0	0	0	0	0	1
AT1G02902	0	0	0	1	0	0	0	0	0	1
AT1G02903	0	0	0	1	0	0	0	0	0	1
AT1G02904	0	0	0	1	0	0	0	0	0	1
AT1G02905	0	0	0	1	0	0	0	0	0	1
AT1G02906	0	0	0	1	0	0	0	0	0	1
AT1G02907	0	0	0	1	0	0	0	0	0	1
AT1G02908	0	0	0	1	0	0	0	0	0	1
AT1G02909	0	0	0	1	0	0	0	0	0	1
AT1G02910	0	2	3	1	0	0	7	0	0	1
AT1G02911	0	0	0	1	0	0	0	0	0	1
AT1G02912	0	0	0	1	0	0	0	0	0	1
AT1G02913	0	0	0	1	0	0	0	0	0	1
AT1G02914	0	0	0	1	0	0	0	0	0	1
AT1G02915	0	0	0	1	0	0	0	0	0	1
AT1G02916	0	0	0	1	0	0	0	0	0	1
AT1G02917	0	0	0	1	0	0	0	0	0	1
AT1G02918	0	0	0	1	0	0	0	0	0	1
AT1G02919	0	0	0	1	0	0	0	0	0	1
AT1G02920	0	0	0	1	0	0	0	0	0	1
AT1G02921	0	0	0	1	0	0	0	0	0	1
AT1G02922	0	0	0	1	0	0	0	0	0	1
AT1G02923	0	0	0	1	0	0	0	0	0	1
AT1G02924	0	0	0	1	0	0	0	0	0	1
AT1G02925	0	0	0	1	0	0	0	0	0	1
AT1G02926	0	0	0	1	0	0	0	0	0	1
AT1G02927	0	0	0	1	0	0	0	0	0	1
AT1G02928	0	0	0	1	0	0	0	0	0	1
AT1G02929	0	0	0	1	0	0	0	0	0	1
AT1G02930	0	0	0	1	0	0	0	0	0	1
AT1G02931	0	0	0	1	0	0	0	0	0	1
AT1G02932	0	0	0	1	0	0	0	0	0	1
AT1G02933	0	0	0	1	0	0	0	0	0	1
AT1G02934	0	0	0	1	0	0	0	0	0	1
AT1G02935	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02936	0	0	0	1	0	0	0	0	0	1
AT1G02937	0	0	0	1	0	0	0	0	0	1
AT1G02938	0	0	0	1	0	0	0	0	0	1
AT1G02939	0	0	0	1	0	0	0	0	0	1
AT1G02940	0	0	0	1	0	0	0	0	0	1
AT1G02941	0	0	0	1	0	0	0	0	0	1
AT1G02942	0	0	0	1	0	0	0	0	0	1
AT1G02943	0	0	0	1	0	0	0	0	0	1
AT1G02944	0	0	0	1	0	0	0	0	0	1
AT1G02945	0	0	0	1	0	0	0	0	0	1
AT1G02946	0	0	0	1	0	0	0	0	0	1
AT1G02947	0	0	0	1	0	0	0	0	0	1
AT1G02948	0	0	0	1	0	0	0	0	0	1
AT1G02949	0	0	0	1	0	0	0	0	0	1
AT1G02950	0	0	0	1	0	0	0	0	0	1
AT1G02951	0	0	0	1	0	0	0	0	0	1
AT1G02952	0	0	0	1	0	0	0	0	0	1
AT1G02953	0	0	0	1	0	0	0	0	0	1
AT1G02954	0	0	0	1	0	0	0	0	0	1
AT1G02955	0	0	0	1	0	0	0	0	0	1
AT1G02956	0	0	0	1	0	0	0	0	0	1
AT1G02957	0	0	0	1	0	0	0	0	0	1
AT1G02958	0	0	0	1	0	0	0	0	0	1
AT1G02959	0	0	0	1	0	0	0	0	0	1
AT1G02960	0	0	0	1	0	0	0	0	0	1
AT1G02961	0	0	0	1	0	0	0	0	0	1
AT1G02962	0	0	0	1	0	0	0	0	0	1
AT1G02963	0	0	0	1	0	0	0	0	0	1
AT1G02964	0	0	0	1	0	0	0	0	0	1
AT1G02965	0	0	0	1	0	0	0	0	0	1
AT1G02966	0	0	0	1	0	0	0	0	0	1
AT1G02967	0	0	0	1	0	0	0	0	0	1
AT1G02968	0	0	0	1	0	0	0	0	0	1
AT1G02969	0	0	0	1	0	0	0	0	0	1
AT1G02970	0	0	0	1	0	0	0	0	0	1
AT1G02971	0	0	0	1	0	0	0	0	0	1
AT1G02972	0	0	0	1	0	0	0	0	0	1
AT1G02973	0	0	0	1	0	0	0	0	0	1
AT1G02974	0	0	0	1	0	0	0	0	0	1
AT1G02975	0	0	0	1	0	0	0	0	0	1
AT1G02976	0	0	0	1	0	0	0	0	0	1
AT1G02977	0	0	0	1	0	0	0	0	0	1
AT1G02978	0	0	0	1	0	0	0	0	0	1
AT1G02979	0	0	0	1	0	0	0	0	0	1
AT1G02980	0	0	0	1	0	0	0	0	0	1
AT1G02981	0	0	0	1	0	0	0	0	0	1
AT1G02982	0	0	0	1	0	0	0	0	0	1
AT1G02983	0	0	0	1	0	0	0	0	0	1
AT1G02984	0	0	0	1	0	0	0	0	0	1
AT1G02985	0	0	0	1	0	0	0	0	0	1
AT1G02986	0	0	0	1	0	0	0	0	0	1
AT1G02987	0	0	0	1	0	0	0	0	0	1
AT1G02988	0	0	0	1	0	0	0	0	0	1
AT1G02989	0	0	0	1	0	0	0	0	0	1
AT1G02990	0	0	0	1	0	0	0	0	0	1
AT1G02991	0	0	0	1	0	0	0	0	0	1
AT1G02992	0	0	0	1	0	0	0	0	0	1
AT1G02993	0	0	0	1	0	0	0	0	0	1
AT1G02994	0	0	0	1	0	0	0	0	0	1
AT1G02995	0	0	0	1	0	0	0	0	0	1
AT1G02996	0	0	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G02997	0	0	0	1	0	0	0	0	0	1
AT1G02998	0	0	0	1	0	0	0	0	0	1
AT1G02999	0	0	0	1	0	0	0	0	0	1
AT1G03000	0	0	0	1	0	0	0	0	0	1
AT1G03001	0	0	0	1	0	0	0	0	0	1
AT1G03002	0	0	0	1	0	0	0	0	0	1
AT1G03003	0	0	0	1	0	0	0	0	0	1
AT1G03004	0	0	0	1	0	0	0	0	0	1
AT1G03005	0	0	0	1	0	0	0	0	0	1
AT1G03006	0	0	0	1	0	0	0	0	0	1
AT1G03007	0	0	0	1	0	0	0	0	0	1
AT1G03008	0	0	0	1	0	0	0	0	0	1
AT1G03009	0	0	0	1	0	0	0	0	0	1
AT1G03010	0	0	0	1	0	0	0	0	0	1
AT1G03011	0	0	0	1	0	0	0	0	0	1
AT1G03012	0	0	0	1	0	0	0	0	0	1
AT1G03013	0	0	0	1	0	0	0	0	0	1
AT1G03014	0	0	0	1	0	0	0	0	0	1
AT1G03106	0	1	0	0	0	0	0	1	0	1
AT1G03130	0	-1	-1	0	0	-1	-1	0	0	-1
AT1G03180	0	0	0	-1	0	0	0	0	0	-1
AT1G03310	0	0	0	0	0	0	-1	0	0	-1
AT1G03600	0	-1	0	0	0	0	-1	0	-1	-1
AT1G03630	0	-1	-1	0	0	0	-1	0	-1	-1
AT1G03790	0	1	0	1	0	0	1	0	0	1
AT1G03800	0	1	0	1	0	0	0	0	0	1
AT1G03870	1	1	0	1	0	0	0	0	0	1
AT1G03880	0	1	0	0	0	0	1	0	0	1
AT1G04110	0	0	-1	0	0	0	0	0	0	-1
AT1G04220	0	1	0	1	0	0	1	0	0	1
AT1G04250	0	1	0	1	0	0	1	1	0	1
AT1G04350	0	-1	0	0	0	0	-1	0	0	-1
AT1G04360	0	0	0	-1	0	0	0	0	0	-1
AT1G04635	0	-1	0	0	0	0	0	0	0	-1
AT1G04640	0	0	0	0	0	0	-1	0	0	-1
AT1G04660	0	-1	0	0	0	0	0	0	0	-1
AT1G04680	1	0	0	1	0	0	0	0	0	1
AT1G04760	0	-1	0	0	0	0	0	0	0	-1
AT1G04800	0	-1	0	0	0	0	-1	0	0	-1
AT1G04920	0	-1	0	0	0	0	0	0	0	-1
AT1G04990	0	0	0	1	0	0	1	0	0	1
AT1G05010	0	0	0	-1	0	0	-1	0	0	-1
AT1G05030	0	0	0	-1	0	0	0	0	0	-1
AT1G05200	0	0	0	-1	0	0	-1	0	0	-1
AT1G05220	0	-1	0	0	0	0	0	0	0	-1
AT1G05260	0	0	0	1	0	0	1	0	0	1
AT1G05300	0	0	0	-1	0	0	0	0	0	-1
AT1G05360	0	0	0	-1	0	0	0	0	0	-1
AT1G05385	0	0	0	0	0	0	-1	0	0	-1
AT1G05440	0	-1	0	0	0	0	0	0	0	-1
AT1G05490	0	1	0	1	0	0	0	0	0	1
AT1G05510	0	1	0	0	0	0	1	0	0	1
AT1G05560	0	0	0	0	0	0	-1	0	0	-1
AT1G05575	0	0	0	0	0	0	-1	-1	0	-1
AT1G05630	0	0	0	-1	0	0	0	0	0	-1
AT1G05650	0	-1	0	0	0	0	0	0	0	-1
AT1G05680	0	0	0	-1	0	0	0	0	0	-1
AT1G05730	0	-1	0	0	0	0	0	0	0	-1
AT1G05880	0	0	0	-1	0	0	0	0	0	-1
AT1G06040	0	0	0	0	0	0	-1	0	0	-1
AT1G06080	1	1	1	1	1	1	1	1	1	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G06137	0	0	0	0	0	0	0	-1	0	-1
AT1G06160	0	-1	0	0	0	0	0	0	0	-1
AT1G06180	0	0	0	-1	0	0	0	0	0	-1
AT1G06250	0	0	0	-1	0	0	0	0	0	-1
AT1G06265	0	0	0	-1	0	0	0	0	0	-1
AT1G06350	0	1	0	1	0	0	0	0	0	1
AT1G06460	0	0	0	-1	0	0	-1	0	0	-1
AT1G06500	0	0	0	-1	0	0	0	0	0	-1
AT1G06560	0	0	0	-1	0	0	0	0	0	-1
AT1G06640	0	0	0	-1	0	0	0	0	0	-1
AT1G06650	0	0	0	0	0	0	-1	0	0	-1
AT1G06680	0	-1	-1	0	0	-1	-1	0	0	-1
AT1G06830	-1	-1	0	-1	0	0	-1	0	0	-1
AT1G06980	0	1	0	1	0	0	1	0	0	1
AT1G07010	0	0	0	0	0	0	-1	0	0	-1
AT1G07070	0	-1	0	0	0	0	0	0	0	-1
AT1G07090	1	0	0	1	0	0	1	0	0	1
AT1G07120	0	-1	0	0	0	0	0	0	0	-1
AT1G07180	0	0	0	0	-1	0	0	0	0	-1
AT1G07340	-1	0	0	0	0	0	0	0	0	-1
AT1G07370	0	-1	0	0	0	0	0	0	0	-1
AT1G07400	0	-1	0	0	0	0	0	0	0	-1
AT1G07420	0	0	0	1	0	0	1	0	0	1
AT1G07440	0	0	0	0	0	0	-1	0	0	-1
AT1G07700	0	0	0	0	0	0	-1	0	0	-1
AT1G07795	0	-1	0	0	0	0	0	0	0	-1
AT1G07880	0	-1	0	0	0	0	0	0	0	-1
AT1G07890	0	0	0	0	0	-1	0	0	0	-1
AT1G08105	0	0	0	-1	0	0	0	0	0	-1
AT1G08165	0	0	0	-1	0	0	0	0	0	-1
AT1G08180	0	-1	0	0	0	0	-1	0	0	-1
AT1G08380	0	-1	-1	-1	0	-1	-1	0	0	-1
AT1G08500	0	0	0	1	0	0	1	0	0	1
AT1G08550	0	0	0	0	0	0	-1	0	0	-1
AT1G08580	0	-1	0	0	0	0	0	0	0	-1
AT1G08730	0	-1	0	0	0	0	0	0	0	-1
AT1G08810	0	0	0	0	0	0	-1	0	0	-1
AT1G08830	1	0	0	0	0	0	1	0	0	1
AT1G09190	0	-1	0	0	0	0	0	0	0	-1
AT1G09340	0	-1	0	0	0	0	-1	0	0	-1
AT1G09415	0	0	0	0	0	0	-1	0	0	-1
AT1G09500	-1	0	0	0	0	0	0	0	0	-1
AT1G09530	0	1	0	0	0	0	1	0	0	1
AT1G09540	0	0	0	1	0	0	1	0	0	1
AT1G09610	0	-1	0	0	0	0	0	0	0	-1
AT1G09770	0	0	0	-1	0	0	0	0	0	-1
AT1G09995	0	0	0	-1	0	0	0	0	0	-1
AT1G10000	0	-1	0	-1	0	0	0	0	0	-1
AT1G10140	0	0	0	1	0	1	0	0	0	1
AT1G10160	0	0	0	-1	0	0	0	0	0	-1
AT1G10270	0	-1	0	0	0	0	0	0	0	-1
AT1G10360	0	0	0	0	0	0	-1	0	0	-1
AT1G10470	0	0	0	-1	0	0	0	0	0	-1
AT1G10550	0	1	0	1	0	0	1	0	0	1
AT1G10560	0	1	0	1	0	0	0	0	0	1
AT1G10570	-1	0	0	0	0	0	0	0	0	-1
AT1G10640	0	0	0	0	0	0	-1	0	0	-1
AT1G10657	0	-1	0	-1	0	0	0	0	0	-1
AT1G10810	0	-1	0	0	0	0	0	0	0	-1
AT1G10960	0	-1	0	0	0	0	0	-0	0	-1
AT1G11070	-1	-1	0	-1	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G11112	0	-1	0	0	0	0	0	0	0	-1
AT1G11130	0	0	0	-1	0	0	0	0	0	-1
AT1G11150	0	0	0	-1	0	0	0	0	0	-1
AT1G11160	0	-1	0	0	0	0	0	0	0	-1
AT1G11210	1	0	0	1	0	0	1	0	0	1
AT1G11300	0	0	0	0	0	0	-1	0	0	-1
AT1G11320	0	0	0	-1	0	0	0	0	0	-1
AT1G11330	0	-1	0	-1	0	0	0	0	0	-1
AT1G11340	0	0	0	-1	0	0	0	0	0	-1
AT1G11350	0	0	0	0	0	0	-1	0	0	-1
AT1G11490	0	-1	0	0	0	0	0	0	0	-1
AT1G11545	1	0	0	1	0	0	0	0	0	1
AT1G11580	0	-1	0	0	0	0	0	0	0	-1
AT1G11590	0	0	0	-1	0	0	0	0	0	-1
AT1G11610	0	0	0	-1	0	0	0	0	0	-1
AT1G11700	0	-1	0	0	0	0	0	0	0	-1
AT1G11720	0	0	0	0	0	0	-1	0	0	-1
AT1G11850	0	-1	-1	0	0	0	-1	0	0	-1
AT1G11960	0	1	0	1	0	0	0	0	0	1
AT1G12020	0	0	0	-1	0	0	0	0	0	-1
AT1G12080	1	1	0	1	0	0	0	0	0	1
AT1G12160	0	0	0	-1	0	0	0	0	0	-1
AT1G12220	0	0	0	-1	0	0	0	0	0	-1
AT1G12250	0	0	0	0	0	0	-1	0	0	-1
AT1G12340	0	-1	0	0	0	0	0	0	0	-1
AT1G12410	0	0	0	-1	0	0	0	0	0	-1
AT1G12460	0	0	0	0	0	0	-1	0	0	-1
AT1G12570	0	-1	0	0	0	0	0	0	0	-1
AT1G12740	0	0	0	-1	0	0	0	0	0	-1
AT1G12750	0	0	0	-1	0	0	0	0	0	-1
AT1G12845	0	0	0	1	0	0	1	0	0	1
AT1G12860	0	0	0	0	0	0	-1	0	0	-1
AT1G12900	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G12980	0	0	0	-1	0	0	0	0	0	-1
AT1G13080	0	0	0	0	0	0	-1	0	0	-1
AT1G13150	0	0	0	-1	0	0	0	0	0	-1
AT1G13245	0	0	0	-1	0	0	0	0	0	-1
AT1G13260	0	0	0	0	0	0	-1	0	0	-1
AT1G13270	0	0	0	-1	0	-1	0	0	0	-1
AT1G13280	1	0	0	1	0	0	0	0	0	1
AT1G13300	0	-1	0	0	0	0	0	0	0	-1
AT1G13340	0	1	0	1	0	0	0	0	0	1
AT1G13410	0	0	0	-1	0	0	0	0	0	-1
AT1G13440	0	0	0	0	0	-1	0	0	0	-1
AT1G13480	0	0	0	-1	0	0	0	0	0	-1
AT1G13510	0	0	0	-1	0	0	0	0	0	-1
AT1G13520	0	0	0	-1	0	0	0	-1	0	-1
AT1G13609	0	0	0	-1	0	0	0	0	0	-1
AT1G13620	0	-1	0	0	0	0	0	0	0	-1
AT1G13650	-1	0	0	0	-1	0	-1	0	0	-1
AT1G13700	0	-1	0	0	0	0	-1	0	0	-1
AT1G13710	0	0	0	-1	0	0	0	0	0	-1
AT1G13750	0	0	0	-1	0	0	0	0	0	-1
AT1G14060	0	-1	0	0	0	0	0	0	0	-1
AT1G14071	0	0	0	-1	0	0	0	0	0	-1
AT1G14080	0	0	0	-1	0	0	0	0	0	-1
AT1G14150	0	0	0	0	0	0	-1	0	0	-1
AT1G14185	0	0	0	-1	0	0	0	0	0	-1
AT1G14260	0	-1	0	0	0	0	0	0	0	-1
AT1G14345	0	-1	0	0	0	0	-1	0	0	-1
AT1G14350	1	1	0	1	0	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G14430	0	-1	0	0	0	0	0	0	0	-1
AT1G14500	0	-1	0	0	0	0	0	0	0	-1
AT1G14520	0	1	0	1	0	0	0	0	0	1
AT1G14540	0	0	0	-1	0	0	0	-1	0	-1
AT1G14550	0	0	0	-1	0	0	0	-1	0	-1
AT1G14630	0	-1	0	0	0	0	0	0	0	-1
AT1G14640	0	-1	0	0	0	0	0	0	0	-1
AT1G14700	0	-1	0	0	0	-1	-1	0	0	-1
AT1G14930	0	1	0	0	0	0	1	0	0	1
AT1G14980	0	-1	0	0	0	0	0	0	0	-1
AT1G15010	0	1	0	0	0	0	1	0	0	1
AT1G15080	0	-1	0	0	0	0	0	0	0	-1
AT1G15125	0	0	0	-1	0	0	0	0	0	-1
AT1G15175	0	-1	0	0	0	0	0	0	0	-1
AT1G15180	0	0	0	0	0	0	-1	0	0	-1
AT1G15260	0	-1	0	0	0	0	-1	0	0	-1
AT1G15290	0	0	0	0	0	0	-1	0	0	-1
AT1G15460	0	-1	0	0	0	0	0	0	0	-1
AT1G15480	0	0	0	-1	0	0	0	0	0	-1
AT1G15520	0	0	0	-1	0	0	0	0	0	-1
AT1G15580	0	-1	0	0	0	0	-1	0	0	-1
AT1G15760	0	1	0	0	0	1	0	0	0	1
AT1G15790	0	0	0	-1	0	0	0	0	0	-1
AT1G15820	0	-1	-1	-1	0	-1	-1	0	-1	-1
AT1G15825	0	0	0	-1	0	0	0	0	0	-1
AT1G15880	0	0	0	-1	0	0	0	0	0	-1
AT1G15885	0	0	0	-1	0	0	0	0	0	-1
AT1G15890	0	0	0	-1	0	0	0	0	0	-1
AT1G15960	0	0	0	-1	0	0	0	0	0	-1
AT1G15980	0	-1	0	0	0	-1	-1	0	0	-1
AT1G16090	0	0	0	-1	0	0	-1	0	0	-1
AT1G16230	0	-1	0	0	0	0	0	0	0	-1
AT1G16260	0	0	0	-1	0	0	-1	0	0	-1
AT1G16370	0	0	0	-1	0	0	0	0	0	-1
AT1G16445	0	-1	0	0	0	0	0	0	0	-1
AT1G16500	0	0	0	-1	0	0	0	0	0	-1
AT1G16510	-1	0	0	-1	0	0	0	0	0	-1
AT1G16620	0	0	0	-1	0	0	0	0	0	-1
AT1G16720	0	0	0	0	0	0	-1	0	0	-1
AT1G16730	0	0	0	1	0	0	1	0	0	1
AT1G16850	0	1	0	1	0	1	1	0	0	1
AT1G16905	0	-1	0	0	0	0	0	0	0	-1
AT1G16910	0	0	0	-1	0	0	0	0	0	-1
AT1G17060	0	1	0	1	0	0	0	0	0	1
AT1G17090	0	0	0	-1	0	0	0	0	0	-1
AT1G17180	0	0	0	-1	0	0	0	0	0	-1
AT1G17200	0	0	0	-1	0	0	-1	0	0	-1
AT1G17220	0	0	0	0	0	0	-1	0	0	-1
AT1G17240	0	0	0	-1	0	0	0	0	0	-1
AT1G17255	0	0	0	-1	0	0	0	0	0	-1
AT1G17300	0	1	0	1	0	0	0	0	0	1
AT1G17420	0	-1	0	-1	0	0	0	0	0	-1
AT1G17430	0	1	0	1	0	1	0	0	0	1
AT1G17480	0	-1	0	0	0	0	0	0	0	-1
AT1G17590	1	0	0	1	0	0	0	0	0	1
AT1G17600	0	0	0	-1	0	0	0	0	0	-1
AT1G17610	0	0	0	-1	0	0	0	0	0	-1
AT1G17620	1	0	0	1	0	0	1	0	0	1
AT1G17650	0	0	-1	0	0	0	0	0	0	-1
AT1G17700	0	0	0	1	0	0	1	0	0	1
AT1G17810	0	1	1	1	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G17830	0	0	0	1	0	0	1	0	0	1
AT1G17840	0	1	0	1	0	0	0	0	0	1
AT1G17960	0	1	0	1	0	0	0	0	0	1
AT1G17990	0	0	0	-1	0	0	0	0	0	-1
AT1G18020	0	0	0	-1	0	0	-1	0	0	-1
AT1G18060	0	-1	-1	0	0	0	-1	0	0	-1
AT1G18090	0	0	0	0	0	0	-1	0	0	-1
AT1G18140	0	0	0	1	0	0	0	1	0	1
AT1G18240	0	0	0	-1	0	0	0	0	0	-1
AT1G18250	0	-1	0	0	0	0	0	0	0	-1
AT1G18265	0	0	0	-1	0	0	0	0	0	-1
AT1G18270	0	1	0	1	0	0	0	0	0	1
AT1G18280	0	1	0	1	0	0	0	0	0	1
AT1G18320	0	0	0	-1	0	0	0	0	0	-1
AT1G18330	0	0	0	-1	0	0	-1	0	0	-1
AT1G18400	1	1	0	1	1	0	1	0	0	1
AT1G18730	0	0	0	0	0	0	-1	0	0	-1
AT1G18810	0	-1	0	-1	0	0	-1	-1	0	-1
AT1G18850	0	-1	0	0	0	0	0	0	0	-1
AT1G19020	0	0	0	-1	0	0	0	0	0	-1
AT1G19050	0	-1	0	-1	0	0	0	0	0	-1
AT1G19070	0	0	0	-1	0	0	0	0	0	-1
AT1G19080	0	0	0	-1	0	0	0	0	0	-1
AT1G19150	0	0	0	0	0	0	-1	0	-1	-1
AT1G19250	0	0	0	-1	0	0	0	-1	0	-1
AT1G19330	0	0	0	0	0	0	-1	0	0	-1
AT1G19394	0	0	0	-1	0	0	0	0	0	-1
AT1G19397	0	0	0	-1	0	0	0	0	0	-1
AT1G19485	0	0	0	-1	0	0	0	0	0	-1
AT1G19510	0	1	1	1	0	1	1	0	0	1
AT1G19530	0	1	0	0	0	0	1	0	0	1
AT1G19550	0	0	0	0	0	-1	0	0	0	-1
AT1G19610	0	0	0	-1	0	0	0	0	0	-1
AT1G19670	0	0	0	0	0	0	-1	0	0	-1
AT1G19715	0	0	0	0	0	0	-1	0	0	-1
AT1G19720	0	0	0	-1	0	0	0	0	0	-1
AT1G19730	0	0	0	-1	0	0	0	0	0	-1
AT1G19940	0	1	0	1	0	0	0	0	0	1
AT1G20020	0	0	-1	0	0	0	-1	0	-1	-1
AT1G20190	1	1	0	1	0	0	1	0	0	1
AT1G20340	0	-1	0	0	0	-1	-1	0	0	-1
AT1G20350	-1	0	0	0	0	0	0	0	0	-1
AT1G20400	0	0	0	-1	0	0	0	0	0	-1
AT1G20440	1	0	0	1	0	0	0	0	0	1
AT1G20450	1	0	0	1	0	0	1	0	0	1
AT1G20515	0	0	0	-1	0	0	0	0	0	-1
AT1G20690	0	0	0	-1	0	0	0	0	0	-1
AT1G20790	0	1	0	1	0	1	0	0	0	1
AT1G20900	0	1	0	1	0	0	1	0	0	1
AT1G21100	0	0	0	-1	0	0	0	0	0	-1
AT1G21110	0	0	0	-1	0	0	0	-1	0	-1
AT1G21130	0	-1	0	-1	0	0	-1	0	0	-1
AT1G21150	0	-1	0	-1	0	0	0	0	0	-1
AT1G21210	0	0	0	-1	0	0	0	0	0	-1
AT1G21230	0	0	0	-1	0	0	0	0	0	-1
AT1G21310	0	0	0	-1	0	0	0	0	0	-1
AT1G21400	0	1	1	0	0	0	0	0	0	1
AT1G21460	0	0	0	0	0	-1	0	0	0	-1
AT1G21500	0	-1	-1	0	0	-1	-1	0	-1	-1
AT1G21520	0	1	0	1	0	0	1	0	0	1
AT1G21540	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G21880	0	0	0	0	0	0	-1	0	0	-1
AT1G21980	0	1	0	1	0	0	0	0	0	1
AT1G22220	0	-1	0	0	0	0	0	0	0	-1
AT1G22250	0	0	0	-1	0	0	0	0	0	-1
AT1G22400	0	-1	0	-1	0	0	-1	0	0	-1
AT1G22430	0	0	0	0	0	0	-1	0	0	-1
AT1G22470	0	1	0	1	0	0	0	0	0	1
AT1G22480	-1	-1	0	0	0	0	0	0	0	-1
AT1G22530	0	0	0	1	0	0	1	1	0	1
AT1G22570	-1	0	0	-1	0	0	0	0	0	-1
AT1G22590	0	-1	0	0	0	0	-1	0	0	-1
AT1G22630	0	-1	0	-1	0	0	-1	0	0	-1
AT1G22650	0	-1	0	-1	0	0	-1	0	0	-1
AT1G22690	0	0	0	-1	-1	-1	-1	0	0	-1
AT1G22710	0	0	0	-1	0	0	0	0	0	-1
AT1G22880	0	0	0	-1	0	0	0	0	0	-1
AT1G22885	0	0	0	0	0	0	-1	0	0	-1
AT1G22890	0	0	0	0	0	0	-1	-1	0	-1
AT1G22900	0	-1	0	0	0	0	0	0	0	-1
AT1G22980	0	-1	0	0	0	0	0	0	0	-1
AT1G23010	0	0	0	-1	0	0	0	0	0	-1
AT1G23020	0	0	0	-1	0	0	0	0	0	-1
AT1G23060	0	0	0	1	0	0	1	0	0	1
AT1G23100	0	-1	0	0	0	0	0	0	0	-1
AT1G23130	0	-1	0	-1	-1	-1	-1	-1	0	-1
AT1G23205	0	0	0	0	0	0	-1	0	0	-1
AT1G23310	0	0	0	0	0	0	-1	0	0	-1
AT1G23360	0	0	0	-1	0	0	0	0	0	-1
AT1G23390	0	0	0	0	0	0	-1	0	0	-1
AT1G23410	0	-1	0	-1	0	0	0	0	0	-1
AT1G23450	0	0	0	-1	0	0	0	0	0	-1
AT1G23480	0	0	0	0	0	0	-1	0	0	-1
AT1G23730	0	0	0	-1	0	0	0	0	0	-1
AT1G23790	0	-1	0	0	0	0	0	0	0	-1
AT1G24020	0	-1	-1	-1	0	-1	-1	0	0	-1
AT1G24070	0	-1	0	0	0	0	0	0	0	-1
AT1G24090	0	-1	0	0	0	0	0	0	0	-1
AT1G24140	0	0	0	0	0	0	0	-1	0	-1
AT1G24145	0	0	0	-1	0	0	0	0	0	-1
AT1G24260	0	0	0	-1	0	0	0	0	0	-1
AT1G24280	0	-1	0	0	0	0	0	0	0	-1
AT1G24320	0	0	0	-1	0	0	0	0	0	-1
AT1G24530	0	-1	0	-1	0	0	-1	0	0	-1
AT1G24577	0	-1	0	0	0	0	0	0	0	-1
AT1G24580	0	-1	0	0	0	0	0	0	0	-1
AT1G24792	0	0	0	-1	0	0	0	0	0	-1
AT1G24793	0	0	0	-1	0	0	0	0	0	-1
AT1G24879	0	0	0	-1	0	0	0	0	0	-1
AT1G24880	0	0	0	-1	0	0	0	0	0	-1
AT1G24909	0	0	0	0	0	0	0	-1	-1	-1
AT1G24996	0	0	0	-1	0	0	0	0	0	-1
AT1G25053	0	0	0	-1	0	0	0	0	0	-1
AT1G25210	0	0	0	-1	0	0	0	0	0	-1
AT1G25275	0	0	0	0	0	0	0	-1	0	-1
AT1G25440	0	-1	0	-1	0	0	0	0	0	-1
AT1G25510	0	-1	0	0	0	0	0	0	0	-1
AT1G25560	0	0	0	0	0	0	-1	0	0	-1
AT1G26150	0	0	0	-1	0	0	0	0	0	-1
AT1G26220	0	0	0	0	0	0	-1	0	0	-1
AT1G26240	0	0	0	-1	0	0	0	0	0	-1
AT1G26290	0	1	0	0	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G26390	0	0	0	-1	0	0	0	0	0	-1
AT1G26410	0	0	0	-1	0	0	0	-1	0	-1
AT1G26420	0	0	0	-1	0	0	0	-1	0	-1
AT1G26600	0	-1	0	0	0	0	0	0	0	-1
AT1G26730	0	1	0	1	0	0	0	0	0	1
AT1G26740	0	-1	0	0	0	0	0	0	0	-1
AT1G26761	0	-1	0	-1	0	0	0	0	-1	-1
AT1G26762	0	-1	0	0	0	0	0	0	0	-1
AT1G26770	0	-1	0	-1	0	0	-1	0	0	-1
AT1G26790	0	0	0	-1	0	0	0	0	0	-1
AT1G26880	0	-1	0	0	0	0	0	0	0	-1
AT1G26900	0	0	0	-1	0	0	0	0	0	-1
AT1G26920	0	0	0	0	0	0	-1	0	0	-1
AT1G26945	0	1	0	1	0	1	0	1	0	1
AT1G27020	0	-1	0	0	0	0	0	0	0	-1
AT1G27180	0	0	0	-1	0	0	0	0	0	-1
AT1G27285	0	0	0	-1	0	0	0	0	0	-1
AT1G27410	0	0	0	-1	0	0	0	0	0	-1
AT1G27460	0	0	0	-1	0	0	0	0	0	-1
AT1G27480	0	0	0	0	0	0	-1	0	0	-1
AT1G27520	0	0	0	-1	0	0	0	0	0	-1
AT1G27730	0	0	0	-1	0	0	0	0	0	-1
AT1G27770	0	1	0	0	0	0	1	0	0	1
AT1G27920	0	0	0	-1	0	0	0	0	0	-1
AT1G27921	0	0	0	-1	0	0	0	0	0	-1
AT1G27990	0	1	0	0	0	0	1	0	0	1
AT1G28330	0	1	0	0	0	0	1	0	0	1
AT1G28570	0	-1	-1	-1	0	0	-1	0	0	-1
AT1G28580	0	0	0	-1	0	0	0	0	0	-1
AT1G28600	0	-1	0	0	-1	0	0	0	0	-1
AT1G28640	0	0	0	-1	0	0	0	0	0	-1
AT1G28650	0	0	0	-1	0	0	0	0	0	-1
AT1G28660	0	0	0	-1	0	0	-1	0	0	-1
AT1G28670	0	0	0	-1	0	0	0	0	0	-1
AT1G28680	0	0	0	0	0	0	-1	0	0	-1
AT1G29050	1	0	0	1	0	0	1	0	0	1
AT1G29110	0	0	0	-1	0	0	0	0	0	-1
AT1G29250	0	-1	0	0	0	0	0	0	0	-1
AT1G29270	0	1	0	1	0	0	0	0	0	1
AT1G29395	1	0	1	1	0	0	0	0	0	1
AT1G29530	0	0	0	0	0	0	-1	0	0	-1
AT1G29600	0	0	0	-1	0	0	0	0	0	-1
AT1G29660	0	-1	-1	0	0	-1	-1	0	0	-1
AT1G29700	0	0	0	0	0	0	-1	0	0	-1
AT1G29720	-1	0	0	0	0	0	0	0	0	-1
AT1G29770	0	0	0	-1	0	0	0	0	0	-1
AT1G29910	0	-1	-1	-1	0	-1	-1	0	0	-1
AT1G29920	0	-1	-1	-1	0	-1	0	0	-1	-1
AT1G29930	0	-1	-1	-1	0	-1	0	0	0	-1
AT1G30080	0	1	0	1	0	0	0	0	0	1
AT1G30100	0	-1	0	0	0	0	0	0	0	-1
AT1G30160	0	0	0	-1	0	0	0	0	0	-1
AT1G30170	0	-1	0	0	0	0	0	0	0	-1
AT1G30250	0	-1	0	-1	0	0	0	-1	0	-1
AT1G30260	0	0	0	-1	0	0	-1	0	0	-1
AT1G30370	0	0	0	-1	0	0	0	-1	0	-1
AT1G30380	0	-1	-1	-1	0	-1	-1	0	0	-1
AT1G30510	0	0	0	1	0	0	1	0	0	1
AT1G30520	0	0	0	0	0	0	-1	0	0	-1
AT1G30530	0	-1	0	-1	0	0	-1	0	0	-1
AT1G30600	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G30720	0	1	0	1	0	0	0	0	0	1
AT1G30730	0	1	0	1	0	0	0	0	0	1
AT1G30750	0	0	0	1	0	0	1	0	0	1
AT1G30760	0	1	0	1	0	0	0	0	0	1
AT1G30835	0	0	0	-1	0	0	0	0	0	-1
AT1G31200	0	-1	0	0	0	0	0	0	0	-1
AT1G31330	0	-1	-1	0	0	-1	-1	0	0	-1
AT1G31335	0	0	0	0	0	0	-1	0	0	-1
AT1G31355	0	0	0	-1	0	0	0	0	0	-1
AT1G31360	0	0	0	0	0	0	0	-1	0	-1
AT1G31430	0	0	0	-1	0	0	0	0	0	-1
AT1G31550	0	-1	0	-1	0	0	0	0	0	-1
AT1G31600	0	0	0	-1	0	0	0	0	0	-1
AT1G31660	0	-1	0	0	0	0	0	0	0	-1
AT1G31710	0	-1	0	0	0	0	0	0	0	-1
AT1G31790	0	0	0	-1	0	0	0	0	0	-1
AT1G31814	0	0	0	-1	0	0	0	0	0	-1
AT1G31820	0	-1	0	-1	0	0	0	0	0	-1
AT1G31835	0	-1	0	-1	0	0	0	0	0	-1
AT1G31840	0	0	0	-1	0	0	0	0	0	-1
AT1G31900	0	0	0	-1	0	0	0	0	0	-1
AT1G31920	0	0	0	0	0	0	-1	0	0	-1
AT1G32090	0	0	0	1	0	0	1	0	0	1
AT1G32100	0	0	0	1	0	0	0	1	0	1
AT1G32170	0	1	0	1	0	0	0	0	0	1
AT1G32172	0	0	0	-1	0	0	0	0	0	-1
AT1G32270	0	0	0	-1	0	0	0	0	0	-1
AT1G32350	0	0	0	-1	0	0	0	0	0	-1
AT1G32520	0	0	0	0	0	0	-1	0	0	-1
AT1G32540	0	0	0	0	0	0	-1	0	0	-1
AT1G32583	0	0	0	-1	0	0	0	0	0	-1
AT1G32640	0	0	0	1	0	0	1	0	0	1
AT1G32860	0	0	0	-1	0	0	0	0	0	-1
AT1G32900	0	-1	0	0	0	0	-1	0	0	-1
AT1G32940	0	0	0	-1	0	0	0	0	0	-1
AT1G32950	0	0	0	-1	0	0	0	0	0	-1
AT1G33030	0	0	0	-1	0	0	0	0	0	-1
AT1G33080	0	0	0	-1	0	0	0	0	0	-1
AT1G33110	0	0	0	0	0	0	-1	0	0	-1
AT1G33350	0	0	0	-1	0	0	0	0	0	-1
AT1G33590	0	-1	-1	0	0	-1	-1	0	0	-1
AT1G33600	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G33720	0	0	0	-1	0	0	0	0	0	-1
AT1G33790	0	0	0	-1	0	0	0	0	0	-1
AT1G33811	0	-1	0	0	0	0	-1	0	0	-1
AT1G33813	0	0	0	-1	0	0	0	0	0	-1
AT1G33840	0	0	0	-1	0	0	0	0	0	-1
AT1G33950	0	0	0	-1	0	0	0	0	0	-1
AT1G33960	0	0	0	-1	0	0	0	0	0	-1
AT1G34000	0	0	0	0	0	0	-1	0	0	-1
AT1G34040	0	0	0	-1	0	0	0	0	0	-1
AT1G34050	0	0	0	-1	0	0	0	0	0	-1
AT1G34110	0	1	0	0	0	1	0	0	0	1
AT1G34245	0	-1	0	-1	0	0	-1	0	0	-1
AT1G34315	0	0	0	-1	0	0	0	0	0	-1
AT1G34360	0	-1	0	0	0	0	0	0	0	-1
AT1G34420	0	0	0	-1	0	0	0	0	0	-1
AT1G34570	0	-1	0	0	0	0	0	0	0	-1
AT1G34630	0	1	0	0	0	1	1	0	0	1
AT1G34760	-1	0	0	0	0	0	0	0	0	-1
AT1G34780	0	0	0	-1	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G34844	0	0	0	-1	0	0	0	0	0	-1
AT1G35112	0	0	0	-1	0	0	0	0	0	-1
AT1G35140	0	0	0	-1	0	0	0	0	0	-1
AT1G35170	0	0	0	-1	0	0	0	0	0	-1
AT1G35180	0	0	0	-1	0	0	0	0	0	-1
AT1G35210	0	0	0	0	0	0	0	-1	0	-1
AT1G35290	0	-1	0	0	0	0	-1	0	0	-1
AT1G35310	0	-1	0	0	0	0	0	0	0	-1
AT1G35320	0	0	0	-1	0	0	0	0	0	-1
AT1G35330	0	0	0	-1	0	0	0	0	0	-1
AT1G35340	0	0	0	0	0	0	-1	0	0	-1
AT1G35420	0	0	0	0	0	0	-1	0	0	-1
AT1G35560	0	0	0	-1	0	0	0	0	0	-1
AT1G35612	0	0	0	-1	0	0	-1	0	0	-1
AT1G35625	0	0	0	-1	0	0	0	0	0	-1
AT1G35720	1	0	0	1	0	0	1	0	0	1
AT1G35830	0	0	0	-1	0	0	0	0	0	-1
AT1G35910	0	1	0	1	0	0	0	0	0	1
AT1G36640	0	0	0	0	0	0	0	-1	0	-1
AT1G37130	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G41880	0	0	0	0	0	-1	0	0	0	-1
AT1G42350	0	0	0	-1	0	0	0	0	0	-1
AT1G42560	-1	0	0	0	0	0	0	0	0	-1
AT1G42970	0	0	0	0	0	0	-1	0	0	-1
AT1G43160	0	0	0	-1	0	0	0	0	0	-1
AT1G43170	0	-1	0	0	0	0	0	0	0	-1
AT1G43560	0	-1	0	0	0	0	0	0	0	-1
AT1G43590	0	0	0	0	0	0	-1	0	0	-1
AT1G43670	0	0	0	0	0	0	-1	0	0	-1
AT1G43775	0	0	0	-1	0	0	0	0	0	-1
AT1G43780	0	-1	0	0	0	0	-1	0	0	-1
AT1G44000	0	-1	0	0	0	0	-1	0	0	-1
AT1G44446	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G44790	0	0	0	0	0	0	-1	0	0	-1
AT1G44830	0	1	0	1	0	0	1	0	0	1
AT1G44970	0	0	0	1	0	0	1	0	0	1
AT1G45110	0	0	0	-1	0	0	0	0	0	-1
AT1G45130	1	1	0	1	0	0	1	0	0	1
AT1G45201	0	-1	0	-1	0	0	0	0	0	-1
AT1G45474	0	0	0	0	0	0	-1	0	0	-1
AT1G47395	0	0	0	-1	0	0	0	0	0	-1
AT1G47400	0	0	0	-1	0	0	0	0	0	-1
AT1G47480	0	0	0	1	0	0	1	0	0	1
AT1G47540	0	0	0	-1	0	0	0	0	0	-1
AT1G47610	0	0	0	1	0	0	0	1	0	1
AT1G47620	0	-1	0	0	0	0	0	0	0	-1
AT1G47630	0	1	0	1	0	0	0	0	0	1
AT1G47820	0	-1	0	0	0	0	0	0	0	-1
AT1G47890	0	0	0	0	0	0	0	0	-1	-1
AT1G48280	0	0	0	0	0	0	-1	0	0	-1
AT1G48630	0	-1	0	0	0	0	0	0	0	-1
AT1G48820	0	1	0	0	0	1	0	0	0	1
AT1G49010	0	0	0	0	0	0	-1	0	0	-1
AT1G49030	0	0	0	-1	0	0	0	0	0	-1
AT1G49200	0	0	0	-1	0	0	-1	0	0	-1
AT1G49220	0	0	0	-1	0	0	0	0	0	-1
AT1G49410	0	-1	0	0	0	0	0	0	0	-1
AT1G49430	0	0	0	0	0	0	-1	0	0	-1
AT1G49450	0	-1	0	0	0	0	0	0	0	-1
AT1G49500	0	0	0	0	0	0	-1	0	0	-1
AT1G49570	0	1	0	0	0	1	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G49700	0	-1	0	0	0	0	0	0	0	-1
AT1G49750	0	-1	0	0	0	0	-1	0	0	-1
AT1G49860	0	0	0	-1	0	0	0	0	0	-1
AT1G49920	0	-1	0	0	0	0	0	0	0	-1
AT1G49975	0	0	0	0	0	0	-1	0	0	-1
AT1G49990	0	-1	0	0	0	0	0	0	0	-1
AT1G50055	0	-1	0	0	0	0	0	0	0	-1
AT1G50060	0	-1	0	0	0	0	0	0	0	-1
AT1G50090	0	-1	0	0	0	0	0	0	0	-1
AT1G50180	0	0	0	-1	0	0	0	0	0	-1
AT1G50280	0	-1	0	-1	0	0	0	0	0	-1
AT1G50320	-1	0	0	0	0	0	-1	0	0	-1
AT1G50490	0	-1	0	0	0	0	0	0	0	-1
AT1G50580	0	0	0	-1	0	0	0	0	0	-1
AT1G50730	0	0	0	0	0	0	-1	0	0	-1
AT1G50732	0	-1	0	0	0	0	0	0	0	-1
AT1G51080	0	-1	0	0	0	0	0	0	0	-1
AT1G51100	0	0	0	0	0	0	-1	0	0	-1
AT1G51110	0	0	0	0	0	0	-1	0	0	-1
AT1G51190	0	0	0	-1	0	0	0	0	0	-1
AT1G51270	0	0	0	-1	0	0	0	0	0	-1
AT1G51380	0	-1	0	0	0	0	0	0	0	-1
AT1G51400	0	-1	0	0	0	0	-1	0	0	-1
AT1G51430	0	0	0	0	0	0	-1	0	0	-1
AT1G51700	0	0	0	0	0	0	-1	0	0	-1
AT1G51805	0	-1	-1	-1	0	-1	-1	-1	0	-1
AT1G51913	0	0	0	-1	0	0	0	0	0	-1
AT1G51920	0	0	0	0	0	0	0	-1	0	-1
AT1G52050	0	-1	0	0	0	0	0	0	0	-1
AT1G52060	0	-1	0	0	0	0	0	0	0	-1
AT1G52070	0	-1	0	0	0	0	-1	0	0	-1
AT1G52100	0	-1	-1	-1	0	0	-1	0	0	-1
AT1G52190	1	0	0	0	1	0	0	0	0	1
AT1G52220	0	-1	0	0	0	0	-1	0	0	-1
AT1G52230	0	-1	-1	-1	0	-1	-1	0	-1	-1
AT1G52270	0	-1	0	0	0	0	0	-1	0	-1
AT1G52290	1	0	0	1	0	0	0	0	0	1
AT1G52400	0	-1	0	-1	0	0	0	0	0	-1
AT1G52750	0	1	0	1	0	0	0	0	0	1
AT1G52770	0	-1	0	0	0	0	0	0	0	-1
AT1G52830	1	1	0	1	1	0	0	0	0	1
AT1G52870	0	0	0	0	0	0	-1	0	0	-1
AT1G52905	0	0	0	-1	0	0	0	0	0	-1
AT1G52930	0	-1	0	0	0	0	0	0	0	-1
AT1G53060	0	-1	0	0	0	0	0	0	0	-1
AT1G53070	0	-1	0	0	0	0	0	0	0	-1
AT1G53080	0	1	0	1	0	0	1	0	0	1
AT1G53130	0	-1	0	0	0	0	0	0	0	-1
AT1G53230	0	0	0	0	0	0	-1	0	0	-1
AT1G53470	0	1	0	1	0	0	0	0	0	1
AT1G53520	0	-1	0	0	0	0	-1	0	0	-1
AT1G53625	0	0	0	-1	0	0	0	0	0	-1
AT1G53635	0	-1	0	0	0	0	0	0	0	-1
AT1G53670	0	0	0	0	0	0	-1	0	0	-1
AT1G53680	0	-1	0	0	0	0	0	0	0	-1
AT1G53690	0	0	0	1	0	1	1	0	0	1
AT1G53700	0	1	0	1	0	0	1	0	0	1
AT1G53708	0	-1	0	0	0	0	0	0	0	-1
AT1G53830	0	0	1	1	0	0	1	0	0	1
AT1G53920	0	0	0	-1	0	0	0	0	0	-1
AT1G53990	0	0	0	0	0	0	0	-1	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G54000	0	-1	0	-1	0	0	-1	0	0	-1
AT1G54010	0	0	0	-1	0	-1	0	0	0	-1
AT1G54020	0	-1	0	0	0	0	0	0	0	-1
AT1G54050	0	-1	0	0	0	0	-1	0	0	-1
AT1G54200	1	0	0	1	0	0	0	0	0	1
AT1G54350	0	0	0	0	0	0	-1	0	0	-1
AT1G54500	0	0	0	0	0	0	-1	0	0	-1
AT1G54540	0	-1	0	0	0	0	0	0	0	-1
AT1G54740	0	0	0	0	0	0	-1	0	0	-1
AT1G54780	0	0	0	0	0	0	-1	0	0	-1
AT1G54820	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G54860	0	0	0	1	0	0	1	0	0	1
AT1G54870	0	1	0	0	0	0	1	0	0	1
AT1G54890	0	0	0	-1	0	0	0	0	0	-1
AT1G54950	0	0	0	-1	0	0	0	0	0	-1
AT1G55200	0	-1	0	-1	0	0	-1	0	0	-1
AT1G55205	0	-1	0	0	0	0	0	0	0	-1
AT1G55370	0	0	0	0	0	0	-1	0	0	-1
AT1G55480	0	0	0	0	0	0	-1	0	0	-1
AT1G55490	0	0	0	0	0	-1	0	0	0	-1
AT1G55670	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G55760	0	0	0	0	0	0	-1	0	0	-1
AT1G55850	0	0	0	0	0	0	-1	0	0	-1
AT1G55910	0	-1	0	0	0	0	-1	0	0	-1
AT1G55920	0	0	0	0	0	0	-1	0	0	-1
AT1G56050	0	0	-1	0	0	0	0	0	0	-1
AT1G56110	0	-1	0	0	0	0	0	0	0	-1
AT1G56240	0	0	0	0	0	0	0	-1	0	-1
AT1G56250	0	0	0	-1	0	0	0	0	0	-1
AT1G56300	0	1	0	0	0	0	1	0	0	1
AT1G56320	0	-1	0	0	0	0	0	0	0	-1
AT1G56430	0	-1	0	-1	0	0	0	0	0	-1
AT1G56500	0	0	0	0	0	0	-1	0	0	-1
AT1G56510	0	0	0	-1	0	0	0	-1	-1	-1
AT1G56540	0	1	0	1	0	0	0	0	0	1
AT1G56630	0	-1	0	0	0	0	0	0	0	-1
AT1G56660	0	1	0	1	0	0	0	0	0	1
AT1G56680	0	-1	0	0	0	0	0	0	0	-1
AT1G56690	0	0	0	-1	0	0	0	0	0	-1
AT1G57570	0	1	0	1	0	0	0	0	0	1
AT1G57590	0	-1	0	0	0	0	0	0	0	-1
AT1G57660	0	-1	0	0	0	0	0	0	0	-1
AT1G57750	0	-1	0	0	0	0	0	0	0	-1
AT1G57860	0	-1	0	0	0	0	0	0	0	-1
AT1G57980	0	-1	0	0	0	0	0	0	0	-1
AT1G58150	0	0	0	0	0	0	-1	0	0	-1
AT1G58170	0	-1	0	0	0	0	0	0	0	-1
AT1G58290	0	-1	-1	-1	0	-1	-1	0	0	-1
AT1G58320	0	0	0	-1	0	0	0	0	0	-1
AT1G58340	0	-1	0	-1	0	0	0	0	0	-1
AT1G58410	0	1	0	0	0	1	0	0	0	1
AT1G58460	0	-1	0	0	0	0	0	0	0	-1
AT1G58561	0	0	0	-1	0	0	0	0	0	-1
AT1G58725	0	0	0	-1	0	0	0	0	0	-1
AT1G58848	-1	0	0	0	0	0	0	0	0	-1
AT1G59030	0	0	0	-1	0	-1	0	0	0	-1
AT1G59124	-1	0	0	0	0	0	0	0	0	-1
AT1G59406	0	0	0	-1	0	0	0	0	0	-1
AT1G59540	0	-1	0	0	0	0	0	0	0	-1
AT1G59730	0	-1	0	0	0	0	0	0	0	-1
AT1G59940	0	0	0	-1	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G59960	0	0	0	-1	0	0	0	0	0	-1
AT1G60000	0	-1	0	-1	0	0	-1	0	0	-1
AT1G60060	0	1	0	1	0	1	1	0	0	1
AT1G60190	1	0	0	1	0	0	0	0	0	1
AT1G60260	0	-1	0	0	0	0	0	0	0	-1
AT1G60270	0	0	0	0	0	0	0	0	-1	-1
AT1G60450	0	0	0	1	0	1	0	0	0	1
AT1G60550	0	0	0	0	0	0	-1	0	0	-1
AT1G60590	0	-1	0	0	0	0	-1	0	0	-1
AT1G60610	0	0	0	1	0	1	0	0	0	1
AT1G60950	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G61255	0	0	0	1	0	0	0	1	0	1
AT1G61300	0	0	0	0	0	0	0	0	-1	-1
AT1G61440	0	0	0	0	0	0	0	0	-1	-1
AT1G61490	0	0	0	0	0	0	0	0	-1	-1
AT1G61520	0	-1	0	-1	0	-1	-1	-1	0	-1
AT1G61560	0	0	0	-1	0	0	0	-1	0	-1
AT1G61930	0	-1	0	0	0	0	0	0	0	-1
AT1G61970	0	0	0	-1	0	0	0	0	0	-1
AT1G62000	-1	0	0	0	0	0	0	0	0	-1
AT1G62060	-1	0	0	0	0	0	0	0	0	-1
AT1G62080	-1	0	0	0	0	0	0	0	0	-1
AT1G62110	0	-1	0	0	0	0	0	0	0	-1
AT1G62220	-1	0	0	0	0	0	0	0	0	-1
AT1G62250	0	0	0	0	0	0	-1	0	0	-1
AT1G62280	0	1	0	1	0	0	0	0	0	1
AT1G62290	-1	0	0	0	0	0	0	0	0	-1
AT1G62400	0	-1	0	0	0	0	0	0	0	-1
AT1G62440	0	0	1	1	0	0	0	0	0	1
AT1G62490	0	0	0	-1	0	0	0	0	0	-1
AT1G62500	0	-1	0	0	0	0	0	0	0	-1
AT1G62610	0	1	0	1	0	0	0	0	1	1
AT1G62660	0	0	0	1	0	0	1	0	0	1
AT1G62690	0	-1	0	0	0	0	0	0	0	-1
AT1G62760	0	0	0	1	0	0	0	0	1	1
AT1G62766	0	0	0	-1	0	0	0	0	0	-1
AT1G62780	0	0	0	0	0	0	-1	0	0	-1
AT1G62850	0	-1	0	0	0	0	0	0	0	-1
AT1G62935	0	-1	0	0	0	0	0	0	0	-1
AT1G62960	0	0	0	0	0	0	-1	0	0	-1
AT1G62975	0	-1	0	-1	0	0	0	0	0	-1
AT1G63100	0	-1	0	0	0	0	0	0	0	-1
AT1G63380	0	0	0	1	0	0	1	0	0	1
AT1G63650	0	-1	0	0	0	0	0	0	0	-1
AT1G63800	-1	0	0	0	0	0	0	0	0	-1
AT1G63930	0	-1	0	0	0	0	0	0	0	-1
AT1G64110	0	1	0	1	0	1	1	0	0	1
AT1G64160	0	0	0	-1	0	0	0	0	-1	-1
AT1G64170	0	0	0	-1	0	0	0	0	0	-1
AT1G64185	0	0	0	-1	0	0	0	0	0	-1
AT1G64210	0	0	0	-1	0	0	0	0	0	-1
AT1G64220	0	0	0	-1	0	0	0	0	0	-1
AT1G64250	0	0	0	-1	0	0	0	0	0	-1
AT1G64390	1	1	0	1	0	0	1	0	0	1
AT1G64400	0	0	0	-1	0	0	0	0	0	-1
AT1G64450	0	-1	0	0	0	0	0	0	0	-1
AT1G64500	0	0	0	-1	0	0	0	0	0	-1
AT1G64640	1	1	1	1	0	0	1	0	0	1
AT1G64660	0	1	1	1	1	1	1	0	1	1
AT1G64670	0	0	0	1	0	0	0	1	0	1
AT1G64720	0	0	0	-1	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G64780	0	-1	0	-1	0	0	0	0	0	-1
AT1G64860	0	0	0	-1	0	0	-1	0	0	-1
AT1G64900	0	0	0	-1	-1	0	0	0	0	-1
AT1G64910	0	-1	0	0	0	0	0	0	0	-1
AT1G64920	0	-1	0	0	0	0	0	0	0	-1
AT1G64950	0	0	0	-1	0	0	0	0	0	-1
AT1G65060	0	-1	0	-1	0	0	-1	0	0	-1
AT1G65190	0	0	0	-1	0	0	0	0	0	-1
AT1G65230	0	0	0	0	0	0	-1	0	-1	-1
AT1G65310	1	0	1	1	0	0	0	0	0	1
AT1G65390	-1	0	0	0	0	0	0	0	0	-1
AT1G65410	0	0	0	-1	0	0	0	0	0	-1
AT1G65481	0	0	0	-1	0	0	0	0	0	-1
AT1G65484	0	0	0	-1	0	0	0	0	0	-1
AT1G65490	0	0	0	0	-1	0	0	0	0	-1
AT1G65541	0	0	0	-1	0	0	0	0	0	-1
AT1G65710	0	-1	0	0	0	0	0	0	0	-1
AT1G65840	0	0	0	1	0	0	1	0	0	1
AT1G65875	0	1	0	1	0	0	0	0	0	1
AT1G65900	0	-1	0	0	0	0	-1	0	0	-1
AT1G65920	1	1	0	1	1	0	1	0	0	1
AT1G65950	0	0	0	-1	0	0	0	0	0	-1
AT1G65960	1	0	0	0	0	0	1	0	0	1
AT1G65970	0	1	0	1	0	0	0	0	0	1
AT1G65985	0	0	0	-1	0	0	0	0	0	-1
AT1G66100	0	0	0	0	-1	0	0	0	0	-1
AT1G66130	0	0	0	0	0	0	-1	0	0	-1
AT1G66230	0	1	0	1	0	0	0	0	0	1
AT1G66270	0	-1	0	0	0	0	0	0	0	-1
AT1G66360	0	-1	0	0	0	0	0	0	0	-1
AT1G66650	0	0	0	-1	0	0	0	0	0	-1
AT1G66700	0	0	0	-1	0	0	0	-1	0	-1
AT1G66760	0	0	0	0	0	0	-1	0	0	-1
AT1G66780	0	1	0	1	0	0	0	0	0	1
AT1G66800	0	0	0	-1	0	0	0	0	0	-1
AT1G66870	0	0	0	-1	0	0	0	0	0	-1
AT1G66890	0	0	0	0	0	0	-1	0	0	-1
AT1G66910	0	0	0	-1	0	0	0	0	0	-1
AT1G66970	0	-1	0	0	0	-1	-1	0	0	-1
AT1G67035	0	-1	0	0	0	0	0	0	0	-1
AT1G67090	0	0	0	0	0	-1	0	0	0	-1
AT1G67105	0	0	0	-1	0	0	0	0	0	-1
AT1G67110	0	-1	0	0	0	0	0	0	0	-1
AT1G67265	0	1	0	1	0	0	0	0	0	1
AT1G67365	0	0	0	-1	0	0	0	0	0	-1
AT1G67400	0	0	0	-1	0	0	-1	0	0	-1
AT1G67590	0	1	0	1	0	0	0	0	0	1
AT1G67700	0	0	0	0	0	0	-1	0	0	-1
AT1G67740	0	-1	0	0	0	0	-1	0	0	-1
AT1G67820	0	-1	0	0	0	0	0	0	0	-1
AT1G67920	0	0	0	1	0	0	1	0	0	1
AT1G68010	0	0	0	0	0	0	-1	0	0	-1
AT1G68080	0	0	0	0	0	0	-1	0	0	-1
AT1G68120	0	-1	0	0	0	0	0	0	0	-1
AT1G68190	0	0	0	0	0	0	-1	0	0	-1
AT1G68238	0	0	0	-1	0	0	0	0	0	-1
AT1G68430	0	-1	0	0	0	0	0	0	0	-1
AT1G68480	0	0	0	-1	0	0	0	0	0	-1
AT1G68510	0	-1	0	0	0	0	0	0	0	-1
AT1G68520	0	-1	-1	-1	0	0	-1	0	0	-1
AT1G68560	1	0	0	1	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G68585	0	0	0	0	0	0	-1	0	0	-1
AT1G68590	0	-1	0	0	0	0	0	0	0	-1
AT1G68620	1	1	0	1	0	0	0	0	0	1
AT1G68800	0	1	0	1	0	0	0	0	0	1
AT1G68830	0	0	0	0	0	0	-1	0	0	-1
AT1G68840	0	0	0	0	0	0	-1	-1	0	-1
AT1G68850	0	-1	0	0	0	0	0	0	0	-1
AT1G68862	0	0	0	-1	0	0	0	0	0	-1
AT1G68870	0	0	0	-1	0	0	0	0	0	-1
AT1G68880	0	0	0	-1	0	0	0	0	0	-1
AT1G69230	0	-1	0	-1	0	0	0	0	0	-1
AT1G69490	0	1	0	1	0	1	0	0	0	1
AT1G69523	0	0	0	0	0	0	-1	0	0	-1
AT1G69530	0	-1	0	-1	0	0	-1	0	0	-1
AT1G69570	0	1	0	1	1	0	0	0	0	1
AT1G69690	0	1	0	0	0	0	1	0	0	1
AT1G69700	0	0	0	0	0	0	-1	0	0	-1
AT1G69920	0	0	0	-1	0	0	0	-1	0	-1
AT1G69970	0	0	0	-1	0	0	0	0	0	-1
AT1G70260	0	0	0	1	0	1	0	1	1	1
AT1G70270	0	0	0	0	0	1	1	0	0	1
AT1G70310	0	0	0	-1	0	0	0	0	0	-1
AT1G70410	0	0	0	0	0	0	-1	0	0	-1
AT1G70430	0	0	0	-1	0	0	-1	0	0	-1
AT1G70440	0	1	0	1	0	0	0	0	0	1
AT1G70530	0	0	0	0	0	0	-1	0	0	-1
AT1G70580	0	0	0	0	0	0	-1	0	0	-1
AT1G70600	0	-1	0	0	0	0	0	0	0	-1
AT1G70610	0	0	0	0	0	0	-1	0	0	-1
AT1G70690	0	0	0	1	0	0	1	0	0	1
AT1G70700	0	0	0	-1	-1	0	0	0	0	-1
AT1G70710	0	1	0	1	0	1	1	0	0	1
AT1G70760	0	0	0	0	0	0	-1	0	0	-1
AT1G70820	0	-1	0	-1	0	-1	0	0	0	-1
AT1G70830	1	0	0	1	0	0	0	0	0	1
AT1G70840	0	1	0	0	0	0	1	0	0	1
AT1G70850	0	-1	0	0	0	0	0	0	0	-1
AT1G70940	1	0	0	0	1	0	0	0	0	1
AT1G70990	0	0	0	1	0	0	1	0	0	1
AT1G71250	0	1	0	0	0	0	1	0	0	1
AT1G71420	0	-1	0	0	0	0	0	0	0	-1
AT1G71480	0	0	0	0	0	0	-1	0	0	-1
AT1G71528	0	0	0	-1	0	0	0	0	0	-1
AT1G71692	0	-1	0	0	0	0	0	0	0	-1
AT1G71730	0	0	0	0	0	0	0	-1	0	-1
AT1G71810	0	0	0	0	0	0	-1	0	0	-1
AT1G71850	0	-1	0	0	0	0	0	0	0	-1
AT1G71880	0	0	0	0	0	0	-1	0	0	-1
AT1G71890	0	-1	0	-1	0	0	0	0	0	-1
AT1G72030	0	-1	0	0	0	0	-1	0	0	-1
AT1G72060	0	0	0	0	0	0	-1	0	0	-1
AT1G72210	0	0	0	-1	0	0	0	0	0	-1
AT1G72230	1	0	0	1	0	0	0	0	0	1
AT1G72240	0	0	0	1	0	0	1	0	0	1
AT1G72250	0	-1	0	0	0	0	0	0	0	-1
AT1G72290	0	1	0	1	0	1	1	0	0	1
AT1G72370	0	-1	0	0	0	0	0	0	0	-1
AT1G72416	0	0	0	-1	0	0	0	0	0	-1
AT1G72470	0	0	0	1	0	0	1	0	0	1
AT1G72490	0	1	0	1	0	0	0	0	0	1
AT1G72610	0	-1	-1	-1	0	-1	-1	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G72640	0	0	0	0	0	0	-1	0	0	-1
AT1G72670	0	-1	0	0	0	0	0	0	0	-1
AT1G72900	0	0	0	0	0	0	0	-1	0	-1
AT1G72910	0	0	0	-1	0	0	-1	0	0	-1
AT1G72920	0	0	0	-1	0	0	0	-1	0	-1
AT1G72930	0	0	0	-1	0	0	0	0	-1	-1
AT1G72940	0	0	0	-1	0	0	0	0	0	-1
AT1G73000	0	1	0	1	0	0	0	0	0	1
AT1G73066	0	0	0	-1	0	0	0	0	0	-1
AT1G73110	0	0	0	0	0	0	-1	0	0	-1
AT1G73190	0	1	0	0	0	0	1	0	0	1
AT1G73260	0	1	0	1	0	0	0	0	0	1
AT1G73330	0	-1	0	-1	0	0	-1	0	0	-1
AT1G73550	0	-1	0	0	0	0	0	0	0	-1
AT1G73600	0	0	0	0	-1	0	0	0	0	-1
AT1G73620	0	-1	0	-1	0	0	0	0	0	-1
AT1G73630	0	-1	0	0	0	0	0	0	0	-1
AT1G73805	0	0	0	-1	0	0	0	0	0	-1
AT1G73870	0	-1	0	-1	0	0	-1	-1	-1	-1
AT1G73920	0	0	0	0	0	0	-1	0	0	-1
AT1G74070	0	-1	-1	0	0	0	-1	0	0	-1
AT1G74110	0	-1	0	0	0	0	0	0	-1	-1
AT1G74270	0	-1	0	0	0	0	0	0	0	-1
AT1G74290	0	-1	0	0	0	0	0	0	0	-1
AT1G74460	0	-1	0	0	0	0	0	0	0	-1
AT1G74490	0	1	0	1	0	0	1	0	0	1
AT1G74590	0	0	0	0	0	0	0	0	-1	-1
AT1G74650	0	1	0	1	0	0	1	0	0	1
AT1G74670	0	-1	0	-1	0	-1	-1	0	0	-1
AT1G74730	0	-1	-1	0	0	0	-1	0	0	-1
AT1G74880	0	0	0	0	0	0	-1	0	0	-1
AT1G74930	0	-1	0	0	0	0	0	0	0	-1
AT1G75000	0	0	0	0	0	0	0	0	-1	-1
AT1G75050	-1	0	0	0	0	0	0	0	0	-1
AT1G75090	0	-1	0	0	0	0	0	0	0	-1
AT1G75100	0	0	0	0	0	0	-1	0	0	-1
AT1G75430	0	0	0	-1	0	0	0	0	0	-1
AT1G75450	0	0	1	1	0	1	1	0	0	1
AT1G75460	0	0	0	0	0	0	-1	0	0	-1
AT1G75500	1	0	0	1	0	0	0	0	0	1
AT1G75580	0	-1	0	0	0	0	-1	0	0	-1
AT1G75690	0	0	-1	0	0	0	-1	0	0	-1
AT1G75780	1	0	0	1	0	1	1	0	0	1
AT1G75900	0	1	0	1	0	0	1	0	0	1
AT1G76080	0	-1	-1	-1	0	-1	-1	0	-1	-1
AT1G76090	0	0	0	1	0	0	1	0	0	1
AT1G76100	0	-1	-1	-1	0	-1	-1	0	0	-1
AT1G76110	0	-1	0	0	0	0	-1	0	0	-1
AT1G76190	0	0	0	0	0	-1	0	0	0	-1
AT1G76210	0	0	0	1	0	0	1	0	0	1
AT1G76240	1	1	1	1	0	1	1	0	0	1
AT1G76390	1	0	1	0	0	0	0	0	0	1
AT1G76405	0	0	0	0	0	0	-1	0	0	-1
AT1G76450	0	0	0	0	0	0	-1	0	0	-1
AT1G76500	0	0	0	1	0	0	1	0	0	1
AT1G76600	0	0	0	0	0	0	-1	0	0	-1
AT1G76610	0	-1	0	0	0	0	0	0	0	-1
AT1G76800	0	-1	0	0	0	0	0	0	0	-1
AT1G77000	0	1	0	1	0	0	1	0	0	1
AT1G77090	0	0	0	0	0	0	-1	0	0	-1
AT1G77110	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT1G77120	0	-1	0	0	0	0	0	0	0	-1
AT1G77200	0	1	0	1	0	1	1	0	0	1
AT1G77210	0	0	0	0	0	0	-1	0	0	-1
AT1G77330	0	1	1	1	0	1	1	0	0	1
AT1G77360	0	0	0	-1	0	0	0	0	0	-1
AT1G77490	0	0	0	0	0	0	-1	0	0	-1
AT1G77520	0	1	0	0	0	0	0	1	0	1
AT1G77630	0	-1	0	0	0	0	0	0	0	-1
AT1G77640	0	1	0	1	0	0	0	0	0	1
AT1G77760	0	0	0	0	0	0	-1	0	0	-1
AT1G77940	0	0	0	0	0	-1	0	0	0	-1
AT1G77950	0	1	0	1	0	0	1	0	0	1
AT1G77990	0	-1	0	0	0	0	0	0	0	-1
AT1G78020	0	-1	0	-1	0	0	0	0	0	-1
AT1G78030	0	-1	0	0	0	0	0	0	0	-1
AT1G78140	-1	0	0	0	0	0	0	0	0	-1
AT1G78230	0	1	0	1	0	0	0	0	0	1
AT1G78320	0	-1	0	0	0	0	0	0	0	-1
AT1G78370	0	-1	-1	0	0	0	0	0	0	-1
AT1G78410	0	0	0	0	0	0	0	-1	0	-1
AT1G78430	0	-1	0	0	0	0	0	0	0	-1
AT1G78460	0	-1	0	-1	0	0	-1	0	0	-1
AT1G78480	0	-1	0	0	0	0	0	0	0	-1
AT1G78570	0	0	0	1	0	0	1	0	0	1
AT1G78580	0	-1	0	-1	0	0	0	0	0	-1
AT1G78630	0	0	0	0	0	-1	0	0	0	-1
AT1G78750	0	0	0	-1	0	0	0	0	0	-1
AT1G78820	0	-1	0	-1	0	0	-1	0	0	-1
AT1G78970	1	1	1	1	0	0	0	0	0	1
AT1G78995	0	-1	0	0	0	0	-1	0	0	-1
AT1G79040	0	-1	0	0	0	-1	-1	0	0	-1
AT1G79580	0	0	0	-1	0	0	0	0	0	-1
AT1G79680	0	0	0	-1	0	0	0	-1	-1	-1
AT1G79760	0	0	0	-1	0	0	0	0	0	-1
AT1G79770	0	-1	0	0	0	0	0	0	0	-1
AT1G79790	0	-1	0	0	0	0	-1	0	0	-1
AT1G79850	0	-1	0	0	0	0	0	0	0	-1
AT1G79910	0	0	0	-1	0	0	0	0	0	-1
AT1G80100	0	0	0	-1	0	0	0	0	0	-1
AT1G80120	0	-1	0	0	0	0	0	0	0	-1
AT1G80130	1	0	0	1	0	0	0	0	0	1
AT1G80270	0	-1	0	0	0	0	0	0	0	-1
AT1G80340	0	-1	0	0	0	0	0	0	0	-1
AT1G80380	0	0	0	0	0	0	-1	0	0	-1
AT1G80440	0	0	0	0	0	0	-1	0	0	-1
AT1G80450	0	-1	0	0	0	0	0	0	0	-1
AT1G80640	0	0	0	0	0	0	-1	0	0	-1
AT1G80720	0	-1	0	0	0	0	0	0	0	-1
AT1G80730	0	0	0	-1	0	0	0	0	0	-1
AT1G80740	0	-1	0	0	0	0	0	0	0	-1
AT1G80850	0	0	0	0	0	0	-1	0	0	-1
AT2G01020	0	0	0	-1	0	0	0	0	0	-1
AT2G01021	0	0	0	-1	0	0	0	0	0	-1
AT2G01150	1	0	0	1	0	0	0	0	0	1
AT2G01590	0	0	-1	0	0	0	-1	0	0	-1
AT2G01610	0	1	0	1	0	0	0	0	0	1
AT2G01760	0	-1	0	-1	0	0	-1	0	0	-1
AT2G01770	0	0	0	1	0	1	0	0	0	1
AT2G01870	0	0	0	0	0	0	-1	0	0	-1
AT2G01890	0	-1	0	0	0	-1	-1	0	0	-1
AT2G01913	0	-1	0	-1	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G01930	0	0	0	0	0	0	-1	0	0	-1
AT2G02000	0	-1	0	0	0	0	0	0	0	-1
AT2G02020	0	0	0	-1	0	0	0	0	0	-1
AT2G02410	0	0	0	0	0	0	-1	0	0	-1
AT2G02630	0	1	0	1	0	0	0	0	0	1
AT2G02710	0	1	0	0	0	0	1	0	0	1
AT2G02780	0	0	0	0	0	0	-1	0	0	-1
AT2G02810	0	-1	0	-1	0	0	0	0	0	-1
AT2G02820	0	1	0	1	0	0	0	0	0	1
AT2G03090	0	-1	0	0	0	0	-1	0	0	-1
AT2G03260	0	0	0	-1	0	0	0	0	0	-1
AT2G03310	0	0	0	-1	0	0	0	0	0	-1
AT2G03380	0	0	0	-1	0	0	0	0	0	-1
AT2G03505	0	-1	0	0	0	0	0	0	0	-1
AT2G03710	0	0	0	-1	0	0	0	-1	0	-1
AT2G03750	0	-1	-1	-1	0	-1	-1	0	0	-1
AT2G03760	-1	0	0	-1	0	0	0	0	0	-1
AT2G03830	0	-1	0	0	0	0	0	0	0	-1
AT2G04039	0	0	-1	0	0	0	-1	0	0	-1
AT2G04040	-1	0	0	-1	0	0	0	0	0	-1
AT2G04050	0	0	0	-1	0	0	0	0	0	-1
AT2G04070	0	0	0	-1	0	0	0	0	0	-1
AT2G04090	0	0	0	-1	0	0	0	0	0	-1
AT2G04170	0	-1	0	-1	0	0	0	0	0	-1
AT2G04240	0	0	0	0	0	1	1	0	0	1
AT2G04480	0	0	0	-1	0	0	0	0	0	-1
AT2G04790	0	0	0	0	0	0	-1	0	0	-1
AT2G04860	0	0	0	-1	0	0	0	0	0	-1
AT2G05070	0	-1	-1	-1	0	-1	-1	-1	-1	-1
AT2G05100	0	-1	-1	-1	0	-1	0	-1	-1	-1
AT2G05160	0	0	0	0	0	0	-1	0	0	-1
AT2G05530	0	0	0	-1	0	0	0	0	0	-1
AT2G05620	0	0	0	0	0	0	-1	0	0	-1
AT2G05914	0	-1	0	0	0	0	0	0	0	-1
AT2G06200	0	0	0	1	0	0	1	0	0	1
AT2G06520	0	-1	0	0	0	-1	-1	0	0	-1
AT2G06925	0	-1	0	0	0	0	0	0	0	-1
AT2G07000	0	0	0	1	0	0	1	0	0	1
AT2G07042	0	0	0	-1	0	0	0	0	0	-1
AT2G07080	0	0	0	-1	0	0	0	0	0	-1
AT2G07140	0	0	0	-1	0	0	0	0	0	-1
AT2G07711	0	-1	0	0	0	0	0	0	0	-1
AT2G07727	0	-1	0	0	0	0	0	0	0	-1
AT2G07773	0	-1	0	0	0	0	0	0	0	-1
AT2G10520	0	0	0	-1	0	0	0	0	0	-1
AT2G11150	-1	0	0	0	0	0	0	0	0	-1
AT2G11810	0	1	0	1	0	0	0	0	0	1
AT2G12170	0	0	0	-1	0	0	0	0	0	-1
AT2G12400	1	0	0	1	0	0	0	0	0	1
AT2G13360	0	0	0	0	0	0	-1	0	0	-1
AT2G13550	0	0	0	-1	0	0	0	0	0	-1
AT2G13610	0	-1	0	-1	0	0	-1	0	0	-1
AT2G14070	0	-1	0	0	0	0	0	0	0	-1
AT2G14460	0	-1	0	0	0	0	0	0	0	-1
AT2G14610	0	0	0	-1	0	0	-1	0	0	-1
AT2G14660	0	-1	0	0	0	0	0	0	0	-1
AT2G14860	0	0	0	-1	0	0	0	0	0	-1
AT2G14880	0	-1	0	0	0	0	0	0	0	-1
AT2G14890	1	0	0	1	0	0	0	0	0	1
AT2G14900	1	1	0	1	1	0	1	0	0	1
AT2G14960	0	-1	0	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G15010	0	1	0	0	0	0	1	0	0	1
AT2G15050	0	0	0	-1	0	0	-1	-1	0	-1
AT2G15080	0	0	0	0	0	0	0	-1	0	-1
AT2G15090	0	-1	0	0	0	0	-1	0	0	-1
AT2G15220	0	0	0	-1	0	0	0	0	0	-1
AT2G15370	0	-1	0	0	0	0	0	0	0	-1
AT2G15390	0	0	0	-1	0	0	0	0	0	-1
AT2G15620	0	-1	0	0	0	0	0	0	0	-1
AT2G15880	0	0	0	-1	0	0	0	0	0	-1
AT2G15960	0	0	0	0	0	0	-1	0	0	-1
AT2G16060	0	-1	0	0	0	0	0	0	0	-1
AT2G16230	0	-1	0	0	0	0	0	0	0	-1
AT2G16380	0	0	0	-1	0	0	0	0	0	-1
AT2G16430	0	-1	0	0	0	0	0	0	0	-1
AT2G16570	0	-1	0	0	0	0	0	0	0	-1
AT2G16586	0	-1	0	-1	0	0	0	0	0	-1
AT2G16630	0	0	0	1	0	0	0	1	0	1
AT2G16660	0	-1	0	0	0	0	0	0	0	-1
AT2G16850	0	-1	0	0	0	0	0	0	0	-1
AT2G17040	0	0	0	-1	0	0	0	-1	0	-1
AT2G17230	0	0	0	0	0	0	-1	0	0	-1
AT2G17525	0	0	0	-1	0	0	0	0	0	-1
AT2G17640	0	0	0	0	0	0	-1	0	0	-1
AT2G17780	0	0	0	-1	0	0	0	0	0	-1
AT2G17840	0	0	0	1	0	0	1	0	0	1
AT2G17880	0	0	0	0	0	0	-1	0	0	-1
AT2G17972	0	-1	0	0	0	0	-1	0	0	-1
AT2G18050	0	1	1	0	0	0	1	0	0	1
AT2G18210	0	-1	0	0	0	0	0	0	0	-1
AT2G18290	0	0	0	0	0	0	-1	0	0	-1
AT2G18300	0	0	0	0	0	0	-1	0	0	-1
AT2G18328	0	-1	0	-1	0	0	0	0	0	-1
AT2G18340	0	-1	0	0	0	0	0	0	0	-1
AT2G18670	0	0	0	0	0	0	0	0	-1	-1
AT2G18690	0	0	0	1	0	0	1	0	0	1
AT2G18800	0	-1	0	0	0	0	0	0	0	-1
AT2G18969	0	1	0	1	0	0	0	0	0	1
AT2G19060	0	-1	0	0	0	0	0	0	0	-1
AT2G19190	0	0	0	-1	0	0	0	0	0	-1
AT2G19385	0	-1	0	0	0	0	0	0	0	-1
AT2G19660	1	1	1	1	1	1	1	0	0	1
AT2G19670	0	-1	0	0	0	0	0	0	0	-1
AT2G19730	0	-1	0	0	0	0	0	0	0	-1
AT2G19750	0	-1	0	0	0	0	0	0	0	-1
AT2G19900	0	1	0	0	0	0	1	0	0	1
AT2G19960	0	0	0	-1	0	0	0	0	0	-1
AT2G19990	0	-1	0	-1	0	0	0	0	0	-1
AT2G20180	0	1	0	1	0	0	1	0	0	1
AT2G20250	0	-1	0	0	0	0	0	0	0	-1
AT2G20260	0	-1	-1	0	0	0	-1	0	0	-1
AT2G20340	0	-1	0	0	0	0	0	0	0	-1
AT2G20450	0	-1	0	0	0	0	0	0	0	-1
AT2G20635	0	-1	0	0	0	0	0	0	0	-1
AT2G20750	0	0	0	1	0	0	0	1	0	1
AT2G20880	0	1	0	1	0	0	0	0	0	1
AT2G20940	0	-1	0	0	0	0	0	0	0	-1
AT2G21080	0	-1	0	0	0	0	0	0	0	-1
AT2G21100	0	0	0	1	0	0	1	0	0	1
AT2G21140	0	1	0	1	0	0	1	0	0	1
AT2G21185	0	0	0	0	0	0	-1	0	0	-1
AT2G21210	0	-1	0	0	0	0	-1	-0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G21220	0	0	0	0	0	0	-1	0	0	-1
AT2G21320	0	0	0	0	0	0	-1	0	0	-1
AT2G21330	0	-1	-1	0	0	-1	-1	0	0	-1
AT2G21400	0	0	0	-1	0	0	0	0	0	-1
AT2G21540	1	1	0	0	0	0	0	0	0	1
AT2G21620	0	0	0	1	0	0	1	0	0	1
AT2G21650	0	-1	0	-1	0	0	0	0	0	-1
AT2G21860	0	-1	0	0	0	0	0	0	0	-1
AT2G21910	0	1	0	1	0	1	1	1	1	1
AT2G21960	0	0	0	0	0	0	-1	0	0	-1
AT2G22190	0	-1	0	0	0	0	0	0	0	-1
AT2G22330	0	0	0	0	0	0	0	0	-1	-1
AT2G22420	0	0	0	0	0	0	-1	0	0	-1
AT2G22470	0	0	0	1	0	0	1	0	0	1
AT2G22510	0	-1	0	0	0	0	0	0	0	-1
AT2G22600	0	-1	0	0	0	0	0	0	0	-1
AT2G22810	0	-1	0	0	0	0	0	0	0	-1
AT2G22980	0	0	0	0	0	0	-1	0	0	-1
AT2G22990	0	-1	0	0	0	0	-1	0	0	-1
AT2G23050	0	0	0	-1	0	0	0	0	0	-1
AT2G23130	0	0	0	-1	0	0	0	0	0	-1
AT2G23170	0	0	0	0	1	0	1	0	0	1
AT2G23180	0	-1	0	0	0	0	0	0	0	-1
AT2G23260	0	0	0	0	0	0	0	0	-1	-1
AT2G23270	0	0	0	-1	0	0	0	-1	0	-1
AT2G23330	0	0	0	-1	0	0	0	0	0	-1
AT2G23410	0	-1	0	0	0	0	0	0	0	-1
AT2G23420	0	0	0	0	0	0	-1	0	0	-1
AT2G23430	-1	0	0	0	0	0	0	0	0	-1
AT2G23540	0	-1	0	0	0	0	0	0	0	-1
AT2G23600	0	0	0	-1	0	0	-1	0	0	-1
AT2G23630	0	-1	0	0	0	0	0	0	0	-1
AT2G23640	0	1	0	0	0	0	1	0	0	1
AT2G23670	0	-1	-1	0	0	0	-1	0	0	-1
AT2G23760	0	0	0	0	0	0	-1	0	0	-1
AT2G24170	0	0	0	1	0	0	1	0	0	1
AT2G24270	0	0	0	0	0	0	0	-1	0	-1
AT2G24280	0	0	0	0	0	0	-1	0	0	-1
AT2G24300	0	1	1	1	0	0	1	0	0	1
AT2G24400	0	-1	0	-1	0	0	0	0	0	-1
AT2G24450	0	-1	0	0	0	0	0	0	0	-1
AT2G24560	0	-1	0	0	0	0	0	0	0	-1
AT2G24600	0	0	0	-1	0	0	0	0	0	-1
AT2G24645	0	-1	0	0	0	0	0	0	0	-1
AT2G24790	0	0	0	0	0	0	0	-1	0	-1
AT2G24820	0	0	0	0	0	0	-1	0	0	-1
AT2G24850	0	-1	0	0	0	0	0	0	0	-1
AT2G25060	0	-1	0	0	0	0	0	0	0	-1
AT2G25130	0	1	0	1	0	1	0	0	0	1
AT2G25150	0	-1	0	0	0	0	0	0	0	-1
AT2G25270	0	-1	0	0	0	0	0	0	0	-1
AT2G25450	0	1	0	1	0	0	0	0	0	1
AT2G25470	0	0	0	-1	0	0	0	0	0	-1
AT2G25735	0	0	0	-1	0	0	0	0	0	-1
AT2G25890	0	0	0	1	0	0	1	0	0	1
AT2G25900	0	0	0	0	0	0	-1	0	0	-1
AT2G25980	0	0	0	-1	0	0	0	0	0	-1
AT2G26030	0	0	0	0	0	0	0	-1	0	-1
AT2G26040	0	-1	0	0	0	0	0	0	0	-1
AT2G26180	0	-1	0	0	0	0	0	0	0	-1
AT2G26211	0	0	0	-1	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G26215	0	0	0	-1	0	0	0	0	0	-1
AT2G26440	0	1	1	0	0	0	1	0	0	1
AT2G26450	0	-1	0	0	0	0	0	0	0	-1
AT2G26500	0	-1	0	0	0	0	-1	0	0	-1
AT2G26520	0	-1	0	0	0	0	0	0	0	-1
AT2G26530	0	0	0	-1	0	0	-1	-1	0	-1
AT2G26580	0	-1	0	-1	0	0	-1	0	0	-1
AT2G26695	0	1	0	1	0	0	0	0	0	1
AT2G26900	0	-1	0	0	0	0	0	0	0	-1
AT2G27290	0	0	0	0	0	0	-1	0	0	-1
AT2G27300	0	1	0	0	0	0	1	0	0	1
AT2G27370	0	0	0	1	0	0	1	0	0	1
AT2G27380	0	0	0	-1	0	0	0	0	0	-1
AT2G27402	0	-1	0	0	0	-1	0	0	0	-1
AT2G27550	0	-1	0	0	0	0	0	0	0	-1
AT2G27610	0	-1	0	0	0	0	0	0	0	-1
AT2G27710	0	-1	0	0	0	0	0	0	0	-1
AT2G27775	0	-1	0	0	0	0	0	-1	0	-1
AT2G27830	1	1	0	0	0	0	0	0	0	1
AT2G27840	0	-1	0	0	0	0	0	0	0	-1
AT2G27930	0	1	0	1	0	0	0	0	0	1
AT2G27970	1	0	0	1	0	0	0	0	0	1
AT2G28110	0	1	0	1	0	0	0	0	0	1
AT2G28140	0	-1	0	0	0	0	0	0	0	-1
AT2G28200	0	1	1	0	0	0	0	0	0	1
AT2G28210	0	0	0	0	0	0	0	-1	0	-1
AT2G28260	0	1	0	1	0	0	0	0	0	1
AT2G28270	0	-1	0	0	0	0	0	0	0	-1
AT2G28400	0	1	0	1	0	0	1	0	0	1
AT2G28470	1	0	0	1	0	0	0	0	0	1
AT2G28605	0	0	-1	0	0	0	-1	0	0	-1
AT2G28630	0	1	0	1	0	1	1	0	0	1
AT2G28650	0	-1	0	0	0	0	0	0	0	-1
AT2G28780	0	1	0	1	0	1	0	0	0	1
AT2G28860	0	0	0	-1	0	0	0	0	0	-1
AT2G28900	0	0	0	0	0	0	-1	0	0	-1
AT2G28950	0	0	0	0	0	0	-1	0	0	-1
AT2G29180	0	0	0	0	0	0	-1	0	0	-1
AT2G29220	0	0	0	-1	0	0	0	0	0	-1
AT2G29260	0	-1	0	0	0	0	0	0	0	-1
AT2G29290	0	0	0	0	0	0	-1	0	0	-1
AT2G29310	0	0	0	0	0	0	-1	0	0	-1
AT2G29320	0	-1	0	0	0	0	0	0	0	-1
AT2G29340	0	0	0	0	0	0	-1	0	0	-1
AT2G29360	0	-1	0	-1	0	0	-1	0	0	-1
AT2G29440	0	1	0	1	0	0	1	0	0	1
AT2G29490	0	0	0	0	0	0	-1	0	0	-1
AT2G29630	0	0	0	0	0	0	-1	0	0	-1
AT2G29650	0	0	0	0	0	0	-1	0	0	-1
AT2G29670	0	0	0	0	0	0	-1	0	0	-1
AT2G29740	-1	0	0	0	0	0	0	0	0	-1
AT2G30010	0	0	0	-1	0	0	-1	0	0	-1
AT2G30070	0	0	0	0	0	0	-1	0	0	-1
AT2G30130	0	0	0	-1	0	0	0	0	0	-1
AT2G30170	0	0	0	0	0	0	-1	0	0	-1
AT2G30210	0	0	0	1	0	0	1	0	0	1
AT2G30420	0	-1	0	0	0	0	0	0	0	-1
AT2G30424	0	0	0	-1	0	0	0	0	0	-1
AT2G30520	0	-1	-1	-1	0	-1	-1	0	0	-1
AT2G30540	0	-1	-1	-1	0	0	-1	0	0	-1
AT2G30550	0	0	0	1	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G30570	0	-1	0	0	0	-1	-1	0	0	-1
AT2G30600	0	0	0	0	0	0	-1	0	0	-1
AT2G30750	0	0	0	-1	0	0	0	-1	0	-1
AT2G30766	0	0	0	-1	0	0	0	0	0	-1
AT2G30770	0	0	0	-1	0	0	0	0	-1	-1
AT2G30790	0	0	0	-1	0	0	0	0	0	-1
AT2G30820	0	-1	0	0	0	0	0	0	0	-1
AT2G31070	0	-1	0	0	0	0	-1	0	0	-1
AT2G31085	0	1	0	1	0	0	0	0	0	1
AT2G31230	0	0	0	-1	0	0	0	0	0	-1
AT2G31380	0	-1	0	-1	0	-1	-1	0	-1	-1
AT2G31400	0	0	0	0	0	-1	0	0	0	-1
AT2G31560	0	-1	0	0	0	0	0	0	0	-1
AT2G31790	0	-1	0	0	0	0	0	0	0	-1
AT2G31865	0	-1	0	-1	0	0	0	0	0	-1
AT2G31945	0	1	0	1	0	0	0	0	0	1
AT2G31980	0	1	0	1	0	1	1	0	1	1
AT2G32020	0	0	0	-1	0	0	0	0	0	-1
AT2G32060	0	-1	0	0	0	0	0	0	0	-1
AT2G32100	0	-1	-1	-1	-1	0	-1	0	0	-1
AT2G32180	0	0	0	-1	0	0	0	0	0	-1
AT2G32210	0	-1	0	0	0	0	0	0	0	-1
AT2G32220	0	-1	0	0	0	0	0	0	0	-1
AT2G32300	0	0	0	1	0	0	1	0	0	1
AT2G32430	0	1	0	1	0	0	1	0	0	1
AT2G32500	0	0	0	0	0	0	-1	0	0	-1
AT2G32510	0	-1	0	0	0	0	0	0	0	-1
AT2G32540	0	-1	0	-1	0	0	-1	0	0	-1
AT2G32550	0	-1	0	0	0	0	0	0	0	-1
AT2G32560	0	0	0	0	0	0	-1	0	0	-1
AT2G32610	0	1	0	0	0	0	1	0	0	1
AT2G32640	0	0	0	0	0	0	-1	0	0	-1
AT2G32860	0	0	0	-1	0	0	0	0	0	-1
AT2G32870	0	0	0	-1	0	0	0	0	0	-1
AT2G32880	0	-1	0	-1	0	0	0	0	0	-1
AT2G32990	1	1	0	1	0	1	1	0	0	1
AT2G33180	0	0	0	0	0	0	-1	0	0	-1
AT2G33230	0	-1	0	0	0	0	0	0	0	-1
AT2G33330	0	-1	0	-1	0	0	-1	0	0	-1
AT2G33370	0	-1	0	0	0	0	0	0	0	-1
AT2G33380	1	1	0	1	0	1	1	0	0	1
AT2G33400	0	-1	0	0	0	0	0	0	0	-1
AT2G33570	1	0	0	0	0	0	0	1	0	1
AT2G33790	0	-1	0	0	0	0	0	0	0	-1
AT2G33847	0	-1	0	0	0	0	0	0	0	-1
AT2G33880	0	-1	0	0	0	0	0	0	0	-1
AT2G34070	1	1	0	0	0	0	0	0	0	1
AT2G34170	0	0	0	-1	0	0	0	0	0	-1
AT2G34300	1	1	0	0	0	0	1	0	0	1
AT2G34420	0	-1	-1	-1	0	-1	0	0	0	-1
AT2G34430	0	-1	-1	-1	0	-1	-1	-1	-1	-1
AT2G34460	0	0	0	0	0	0	-1	0	0	-1
AT2G34500	0	1	0	1	0	0	1	0	0	1
AT2G34510	0	-1	0	-1	0	0	-1	0	0	-1
AT2G34530	0	0	0	-1	0	0	0	0	0	-1
AT2G34540	0	-1	0	0	0	0	0	0	0	-1
AT2G34610	0	1	0	1	0	0	0	0	0	1
AT2G34620	0	-1	-1	-1	0	-1	-1	0	-1	-1
AT2G34650	0	0	0	1	0	0	1	0	0	1
AT2G34810	0	-1	0	0	0	0	-0	0	0	-1
AT2G34860	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G35075	0	0	0	-1	0	0	0	0	0	-1
AT2G35210	0	1	0	1	0	0	0	0	0	1
AT2G35260	0	-1	-1	-1	0	0	-1	0	0	-1
AT2G35300	0	0	1	0	0	0	1	0	0	1
AT2G35760	0	1	0	1	0	1	0	0	0	1
AT2G35830	0	-1	0	0	0	0	0	0	0	-1
AT2G35860	1	0	0	1	0	0	0	0	0	1
AT2G35880	1	0	0	0	1	0	0	0	0	1
AT2G35950	1	0	0	0	0	0	1	0	0	1
AT2G35960	0	-1	0	0	0	0	-1	0	0	-1
AT2G35980	0	-1	0	-1	0	0	0	0	0	-1
AT2G36145	0	-1	-1	0	0	0	-1	0	0	-1
AT2G36190	0	-1	0	0	0	0	0	0	0	-1
AT2G36307	0	-1	0	0	0	0	0	0	0	-1
AT2G36470	0	0	0	-1	0	0	0	0	0	-1
AT2G36590	0	-1	0	-1	0	0	0	0	0	-1
AT2G36620	0	-1	0	0	0	0	0	0	0	-1
AT2G36630	0	0	0	-1	0	0	0	0	0	-1
AT2G36650	0	-1	0	0	0	0	0	0	0	-1
AT2G36750	0	-1	0	0	0	0	0	0	0	-1
AT2G36835	0	0	0	0	0	0	-1	0	0	-1
AT2G36885	0	-1	-1	0	0	0	0	0	0	-1
AT2G37030	0	0	0	0	0	0	-1	0	0	-1
AT2G37100	0	-1	0	0	0	0	0	0	0	-1
AT2G37180	0	1	0	1	0	0	0	0	0	1
AT2G37240	0	-1	0	0	0	0	0	0	0	-1
AT2G37260	0	0	0	-1	0	0	0	0	0	-1
AT2G37280	0	0	0	1	0	1	0	0	0	1
AT2G37320	0	-1	0	0	0	0	0	0	0	-1
AT2G37380	0	0	0	0	0	0	-1	0	0	-1
AT2G37440	0	-1	0	-1	0	0	0	0	0	-1
AT2G37450	0	0	0	0	0	0	-1	0	0	-1
AT2G37660	0	0	0	0	0	-1	0	0	0	-1
AT2G37670	0	1	0	1	0	1	0	0	0	1
AT2G37678	0	1	0	0	0	0	1	0	0	1
AT2G37710	1	0	0	1	0	0	0	0	0	1
AT2G37720	0	-1	0	0	0	0	0	0	0	-1
AT2G37770	0	0	0	0	-1	0	0	0	0	-1
AT2G37790	0	-1	0	0	0	0	0	0	0	-1
AT2G37820	0	0	0	-1	0	0	0	0	0	-1
AT2G37870	0	0	0	0	0	0	-1	0	0	-1
AT2G37880	0	-1	0	0	0	0	0	0	0	-1
AT2G37930	0	1	0	1	0	0	0	0	0	1
AT2G37950	-1	0	0	0	0	0	0	0	0	-1
AT2G38170	0	0	0	-1	0	0	0	0	0	-1
AT2G38210	0	0	0	-1	0	0	0	0	0	-1
AT2G38290	0	0	0	-1	0	0	0	0	0	-1
AT2G38330	0	0	0	0	0	0	-1	0	0	-1
AT2G38340	0	-1	0	0	0	0	0	0	0	-1
AT2G38380	0	-1	0	-1	0	0	0	0	0	-1
AT2G38390	0	0	0	-1	0	0	0	0	0	-1
AT2G38460	0	-1	0	0	0	0	0	0	0	-1
AT2G38490	0	1	0	1	0	0	0	0	0	1
AT2G38500	0	1	0	1	0	0	1	0	0	1
AT2G38530	1	1	0	1	0	0	0	0	0	1
AT2G38720	0	0	0	-1	0	0	0	0	0	-1
AT2G38750	0	0	0	-1	0	0	0	0	0	-1
AT2G38780	0	0	0	-1	0	0	0	0	0	-1
AT2G38823	0	0	0	-1	0	0	0	0	0	-1
AT2G38860	0	0	0	-1	0	0	0	0	0	-1
AT2G39040	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G39200	0	0	0	-1	0	0	0	0	0	-1
AT2G39220	0	-1	0	0	0	0	0	0	0	-1
AT2G39250	0	-1	0	-1	0	0	-1	0	0	-1
AT2G39330	0	0	0	-1	0	0	0	0	0	-1
AT2G39350	0	1	0	1	0	0	1	0	0	1
AT2G39410	0	0	0	-1	0	0	0	0	0	-1
AT2G39430	0	0	0	1	0	0	1	0	0	1
AT2G39470	0	0	-1	0	0	0	-1	0	0	-1
AT2G39510	0	-1	0	0	0	0	0	0	0	-1
AT2G39530	0	0	0	-1	0	0	0	0	0	-1
AT2G39560	0	-1	0	-1	0	0	0	0	0	-1
AT2G39620	0	0	0	-1	0	0	0	0	0	-1
AT2G39730	0	-1	0	0	0	-1	-1	0	0	-1
AT2G39800	0	-1	0	0	0	0	0	0	0	-1
AT2G39850	0	0	0	-1	0	0	0	0	0	-1
AT2G39855	0	1	0	0	0	1	0	0	0	1
AT2G39880	0	-1	0	-1	0	0	0	0	0	-1
AT2G39890	0	0	0	0	0	0	-1	0	0	-1
AT2G39980	0	0	0	1	0	1	0	0	0	1
AT2G40000	0	1	0	1	0	0	0	0	0	1
AT2G40020	0	-1	-1	0	0	0	-1	0	0	-1
AT2G40050	0	0	0	-1	0	0	0	0	0	-1
AT2G40080	0	0	0	0	0	0	1	1	0	1
AT2G40085	0	0	0	-1	0	0	0	0	0	-1
AT2G40240	0	0	0	-1	0	0	0	0	0	-1
AT2G40250	0	1	0	0	0	1	0	0	0	1
AT2G40330	-1	0	0	0	0	0	-1	0	0	-1
AT2G40400	0	0	0	0	0	0	-1	0	0	-1
AT2G40435	0	-1	0	0	0	0	0	0	0	-1
AT2G40490	0	-1	0	0	0	0	-1	0	0	-1
AT2G40520	0	-1	0	0	0	0	0	0	0	-1
AT2G40670	0	-1	0	-1	0	0	-1	-1	0	-1
AT2G40740	0	0	0	-1	0	0	0	0	0	-1
AT2G40880	0	0	0	0	0	0	-1	0	0	-1
AT2G40960	0	-1	0	-1	0	0	-1	0	0	-1
AT2G41070	0	1	1	1	0	0	1	0	0	1
AT2G41100	0	0	0	0	0	0	-1	0	-1	-1
AT2G41120	0	0	0	0	0	-1	0	0	0	-1
AT2G41250	0	0	0	0	0	0	-1	0	0	-1
AT2G41310	0	1	0	1	0	0	0	0	0	1
AT2G41312	0	-1	0	0	0	0	0	0	0	-1
AT2G41342	0	-1	0	0	0	0	0	0	0	-1
AT2G41380	0	0	0	0	0	0	0	0	-1	-1
AT2G41480	0	0	0	1	0	1	0	1	0	1
AT2G41680	0	0	-1	0	0	0	-1	0	0	-1
AT2G41730	0	0	0	-1	0	0	-1	0	0	-1
AT2G41880	0	0	0	-1	0	0	0	0	0	-1
AT2G41950	0	-1	0	0	0	0	0	0	0	-1
AT2G41990	0	-1	-1	-1	0	0	0	0	0	-1
AT2G42005	0	-1	0	0	0	0	0	0	0	-1
AT2G42010	0	1	0	1	0	0	0	0	0	1
AT2G42190	0	0	0	0	0	0	-1	0	0	-1
AT2G42200	0	-1	0	0	0	0	0	0	0	-1
AT2G42220	0	-1	-1	-1	0	-1	-1	0	0	-1
AT2G42395	0	-1	0	0	0	0	0	0	0	-1
AT2G42570	0	0	0	1	0	0	1	0	0	1
AT2G42610	0	0	0	1	0	1	1	0	0	1
AT2G42690	0	0	0	0	0	0	-1	0	0	-1
AT2G42790	0	0	0	1	0	0	1	0	0	1
AT2G42870	1	1	1	0	0	0	0	0	0	1
AT2G42955	0	-1	0	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G42980	0	0	0	-1	0	0	0	0	0	-1
AT2G43000	0	0	0	-1	0	0	0	0	0	-1
AT2G43050	0	1	0	1	1	1	1	0	0	1
AT2G43060	1	1	0	1	0	1	1	0	0	1
AT2G43140	0	0	0	-1	0	0	-1	0	0	-1
AT2G43220	0	0	0	-1	0	0	0	0	0	-1
AT2G43480	0	-1	0	0	0	0	0	0	0	-1
AT2G43510	0	0	0	1	0	0	1	0	0	1
AT2G43520	0	-1	0	-1	0	0	-1	0	0	-1
AT2G43530	0	0	0	-1	0	0	-1	0	0	-1
AT2G43535	-1	0	0	0	0	0	0	0	0	-1
AT2G43560	0	0	-1	0	0	0	-1	0	0	-1
AT2G43600	0	-1	0	0	0	0	0	0	0	-1
AT2G43620	0	0	0	-1	0	0	0	0	0	-1
AT2G43780	0	-1	0	0	0	0	0	0	0	-1
AT2G43800	0	-1	0	0	0	0	-1	0	0	-1
AT2G43820	-1	0	0	0	0	0	0	0	0	-1
AT2G43860	0	0	0	-1	0	0	0	0	0	-1
AT2G43880	0	-1	0	0	0	0	0	0	0	-1
AT2G44110	0	0	0	-1	0	0	0	0	0	-1
AT2G44190	0	-1	0	0	0	0	0	0	0	-1
AT2G44210	0	0	0	0	0	0	-1	0	0	-1
AT2G44220	0	0	0	-1	0	0	0	0	0	-1
AT2G44230	0	0	0	-1	0	0	-1	0	0	-1
AT2G44290	0	-1	0	0	0	0	0	0	0	-1
AT2G44370	0	0	0	-1	0	0	0	0	0	-1
AT2G44570	0	1	0	1	0	1	0	1	0	1
AT2G44578	0	0	0	0	0	0	0	-1	0	-1
AT2G44630	0	-1	0	0	0	0	0	0	0	-1
AT2G44690	0	0	0	0	0	0	-1	0	0	-1
AT2G44910	1	1	0	1	0	0	0	0	0	1
AT2G44930	0	0	0	-1	0	0	0	0	0	-1
AT2G45120	0	0	0	-1	0	0	0	0	0	-1
AT2G45170	0	0	0	0	0	0	0	-1	0	-1
AT2G45180	0	0	0	0	0	0	-1	0	0	-1
AT2G45550	0	0	0	-1	0	0	0	0	0	-1
AT2G45660	0	0	0	-1	0	0	0	0	0	-1
AT2G45685	0	-1	0	0	0	0	0	0	0	-1
AT2G45780	0	-1	0	0	0	0	0	0	0	-1
AT2G45800	0	0	0	-1	0	0	0	0	0	-1
AT2G45850	0	0	0	0	0	0	-1	0	0	-1
AT2G46070	0	0	0	-1	0	0	0	0	0	-1
AT2G46160	0	0	0	-1	0	0	0	0	0	-1
AT2G46220	-1	0	0	0	0	0	-1	0	0	-1
AT2G46270	0	1	0	0	0	0	1	0	0	1
AT2G46430	0	0	0	-1	0	0	0	0	0	-1
AT2G46440	0	0	0	-1	0	0	0	0	0	-1
AT2G46450	0	-1	0	-1	0	0	-1	0	0	-1
AT2G46455	0	0	0	-1	0	0	0	0	0	-1
AT2G46630	0	-1	0	0	0	0	0	0	0	-1
AT2G46660	0	1	0	1	0	0	0	0	0	1
AT2G46670	0	0	0	-1	0	0	0	0	0	-1
AT2G46680	0	0	0	1	0	0	1	0	0	1
AT2G46790	0	0	0	-1	0	0	0	0	0	-1
AT2G46820	0	0	0	0	0	0	-1	0	0	-1
AT2G46830	0	0	0	0	0	0	-1	0	0	-1
AT2G46850	0	0	0	-1	0	0	0	0	0	-1
AT2G46970	0	1	0	1	0	1	0	1	1	1
AT2G47000	0	0	0	1	0	0	1	0	0	1
AT2G47050	0	-1	0	0	0	0	0	0	0	-1
AT2G47160	0	1	0	1	0	1	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT2G47260	0	0	0	-1	0	0	0	0	0	-1
AT2G47270	0	1	1	1	0	0	0	0	0	1
AT2G47450	0	-1	-1	-1	0	0	-1	0	0	-1
AT2G47520	0	-1	0	0	0	0	0	0	0	-1
AT2G47550	0	0	0	-1	0	0	0	0	0	-1
AT2G47560	0	0	0	-1	0	0	0	0	0	-1
AT2G47590	0	0	-1	0	0	0	0	0	0	-1
AT2G47750	0	-1	0	0	0	0	0	0	0	-1
AT2G47780	0	0	1	1	0	0	1	1	1	1
AT2G47840	0	-1	0	0	0	0	0	0	0	-1
AT2G48070	0	0	0	0	0	-1	0	0	0	-1
AT2G48080	0	-1	0	0	0	0	0	0	0	-1
AT3G01015	0	-1	0	0	0	0	0	0	0	-1
AT3G01060	0	0	0	0	0	0	-1	0	0	-1
AT3G01070	0	-1	0	0	0	0	0	0	0	-1
AT3G01140	0	-1	0	0	0	0	0	0	0	-1
AT3G01220	0	1	0	1	0	0	1	0	0	1
AT3G01440	0	0	0	0	0	0	-1	0	0	-1
AT3G01480	0	0	0	0	0	0	-1	0	0	-1
AT3G01500	0	-1	-1	0	0	-1	-1	0	0	-1
AT3G01510	0	0	-1	0	0	0	0	0	0	-1
AT3G01550	0	0	0	0	-1	0	0	0	0	-1
AT3G01600	0	0	0	-1	0	0	0	0	0	-1
AT3G01660	0	0	0	0	0	0	-1	0	0	-1
AT3G01960	0	0	0	-1	0	0	0	0	0	-1
AT3G01990	0	0	0	0	0	0	0	0	-1	-1
AT3G02020	0	-1	0	0	0	0	-1	0	0	-1
AT3G02110	0	0	0	0	0	0	-1	0	0	-1
AT3G02120	0	-1	0	0	0	0	0	0	0	-1
AT3G02170	1	0	0	0	1	0	0	0	0	1
AT3G02330	0	0	0	-1	0	0	0	0	0	-1
AT3G02380	0	-1	-1	0	0	0	-1	0	0	-1
AT3G02620	0	0	0	-1	0	0	0	0	0	-1
AT3G02670	0	-1	-1	0	0	0	-1	0	0	-1
AT3G02690	0	0	0	0	0	0	-1	0	0	-1
AT3G02730	0	-1	-1	0	0	0	-1	0	0	-1
AT3G02830	0	-1	0	-1	0	0	-1	0	0	-1
AT3G02832	0	-1	0	0	0	0	0	0	0	-1
AT3G02840	0	0	0	0	0	0	0	-1	0	-1
AT3G02870	0	-1	0	0	0	0	0	0	0	-1
AT3G02885	0	-1	0	0	0	0	0	0	0	-1
AT3G03060	0	-1	0	0	0	0	0	0	0	-1
AT3G03130	0	-1	0	0	0	0	0	0	0	-1
AT3G03170	0	0	0	1	0	0	1	0	0	1
AT3G03240	0	1	0	1	0	0	0	0	0	1
AT3G03270	0	-1	0	0	0	0	0	0	0	-1
AT3G03341	0	-1	0	0	0	0	0	0	0	-1
AT3G03470	0	0	1	0	0	0	1	0	0	1
AT3G03670	0	0	0	-1	0	0	0	0	-1	-1
AT3G03680	0	-1	0	0	0	0	0	0	0	-1
AT3G03770	0	0	0	0	0	0	-1	0	0	-1
AT3G03776	0	0	0	-1	0	0	0	0	0	-1
AT3G03830	1	0	0	1	0	0	0	0	0	1
AT3G03840	1	0	0	1	0	0	0	0	0	1
AT3G03855	0	0	0	-1	0	0	0	0	0	-1
AT3G03920	0	-1	0	0	0	0	0	0	0	-1
AT3G04000	0	-1	0	0	0	0	0	0	0	-1
AT3G04010	0	1	0	1	0	0	1	0	0	1
AT3G04060	0	0	0	1	0	0	1	0	0	1
AT3G04290	0	-1	-1	0	0	-1	-1	0	0	-1
AT3G04320	0	0	0	-1	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G04330	0	-1	0	0	0	0	0	0	0	-1
AT3G04400	0	-1	0	0	0	0	0	0	0	-1
AT3G04485	0	0	0	-1	0	0	0	0	0	-1
AT3G04770	0	-1	0	0	0	0	0	0	0	-1
AT3G04800	0	-1	0	0	0	0	0	0	0	-1
AT3G04840	0	-1	0	0	0	-1	0	0	0	-1
AT3G05080	-1	0	0	0	0	0	0	0	0	-1
AT3G05150	0	1	1	1	0	0	0	0	0	1
AT3G05155	0	0	0	-1	0	0	0	0	0	-1
AT3G05180	0	0	0	0	0	0	-1	0	0	-1
AT3G05260	0	1	0	0	0	0	1	0	0	1
AT3G05330	0	-1	0	0	0	0	0	0	0	-1
AT3G05340	0	-1	0	0	0	0	-1	0	0	-1
AT3G05415	0	0	0	-1	0	0	0	0	0	-1
AT3G05490	1	0	0	1	0	0	0	0	0	1
AT3G05590	0	0	0	0	0	-1	0	0	0	-1
AT3G05600	0	-1	-1	0	0	0	-1	0	0	-1
AT3G05640	0	1	0	0	0	0	1	0	0	1
AT3G05727	0	0	0	-1	0	0	0	0	0	-1
AT3G05730	-1	-1	-1	-1	0	-1	-1	0	0	-1
AT3G05880	1	0	0	1	0	0	0	0	0	1
AT3G05890	0	0	1	1	0	0	0	0	0	1
AT3G05900	0	1	0	0	1	0	0	0	0	1
AT3G05920	0	1	0	1	0	1	0	0	0	1
AT3G05936	0	0	0	0	0	0	0	0	-1	-1
AT3G06020	0	-1	0	-1	0	0	0	0	0	-1
AT3G06035	0	0	0	1	0	0	1	0	0	1
AT3G06070	0	0	0	0	0	0	-1	0	0	-1
AT3G06080	0	0	0	0	0	0	-1	0	0	-1
AT3G06370	1	0	0	1	0	0	0	0	0	1
AT3G06470	0	0	-1	0	0	0	-1	0	0	-1
AT3G06510	0	0	0	0	0	0	-1	0	0	-1
AT3G06640	0	0	0	-1	0	0	0	0	0	-1
AT3G06680	0	-1	0	0	0	0	0	0	0	-1
AT3G06730	-1	0	0	0	0	0	0	0	0	-1
AT3G06750	0	0	0	0	0	0	-1	0	0	-1
AT3G06778	0	0	0	-1	0	0	0	0	0	-1
AT3G06840	0	0	0	0	0	0	-1	0	0	-1
AT3G06880	0	-1	0	-1	0	-1	0	0	0	-1
AT3G06970	0	0	0	0	0	0	0	-1	0	-1
AT3G07110	0	-1	0	0	0	0	0	0	0	-1
AT3G07195	0	0	0	-1	0	0	0	0	0	-1
AT3G07215	0	0	0	-1	0	0	0	0	0	-1
AT3G07430	0	-1	0	0	0	0	0	0	0	-1
AT3G07910	0	-1	0	0	0	0	0	0	0	-1
AT3G08000	0	0	0	-1	0	0	0	0	0	-1
AT3G08030	0	0	1	1	0	0	0	0	0	1
AT3G08660	0	0	0	-1	0	0	0	0	0	-1
AT3G08700	-1	0	0	0	0	0	0	0	-1	-1
AT3G08770	0	0	-1	0	0	0	0	0	0	-1
AT3G08860	0	1	0	1	0	0	0	0	0	1
AT3G08920	0	-1	0	0	0	0	-1	0	0	-1
AT3G08940	0	-1	-1	-1	0	-1	-1	0	0	-1
AT3G09050	0	0	0	0	0	0	-1	0	0	-1
AT3G09190	0	-1	0	0	0	0	0	0	0	-1
AT3G09200	0	-1	0	0	0	0	0	0	0	-1
AT3G09405	0	0	0	-1	0	0	0	0	0	-1
AT3G09600	0	0	0	0	0	0	-1	0	0	-1
AT3G09680	0	-1	0	0	0	0	0	0	0	-1
AT3G10040	0	-1	0	0	0	0	0	0	0	-1
AT3G10050	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G10060	0	0	0	0	0	0	-1	0	0	-1
AT3G10113	0	0	0	-1	0	0	0	0	0	-1
AT3G10280	0	0	0	0	0	0	-1	0	0	-1
AT3G10290	0	1	0	1	0	1	0	0	0	1
AT3G10405	0	0	0	0	0	0	0	-1	0	-1
AT3G10520	0	-1	0	0	0	-1	-1	0	0	-1
AT3G10570	0	-1	0	0	0	0	0	0	0	-1
AT3G10610	0	-1	0	0	0	0	0	0	0	-1
AT3G10680	0	0	0	-1	0	0	0	0	0	-1
AT3G10870	0	-1	0	0	0	0	0	0	0	-1
AT3G10880	0	-1	0	0	0	0	0	0	0	-1
AT3G11090	0	-1	0	0	0	0	-1	0	0	-1
AT3G11110	-1	0	0	0	0	0	0	0	0	-1
AT3G11370	0	0	0	-1	0	0	0	0	0	-1
AT3G11550	0	0	0	1	0	0	1	0	0	1
AT3G11670	0	0	0	0	0	0	-1	0	0	-1
AT3G11900	-1	0	0	0	0	0	0	0	0	-1
AT3G12240	0	-1	0	0	0	0	0	0	0	-1
AT3G12320	0	0	0	0	0	0	-1	0	0	-1
AT3G12580	0	-1	0	0	0	0	0	0	0	-1
AT3G12610	1	0	0	1	0	0	1	0	0	1
AT3G12820	0	1	0	1	0	1	1	0	1	1
AT3G12910	0	0	0	0	0	0	0	-1	-1	-1
AT3G12930	0	-1	0	0	0	0	0	0	0	-1
AT3G12981	0	-1	0	0	0	0	0	0	0	-1
AT3G13040	0	0	0	0	0	0	-1	0	0	-1
AT3G13061	0	0	0	0	0	0	0	0	-1	-1
AT3G13150	0	-1	0	0	0	0	0	0	0	-1
AT3G13160	0	-1	0	0	0	0	0	0	0	-1
AT3G13270	0	0	0	-1	0	0	0	0	0	-1
AT3G13400	0	0	0	-1	0	0	0	0	0	-1
AT3G13405	0	0	0	-1	0	0	0	0	0	-1
AT3G13450	0	0	0	0	0	0	-1	0	0	-1
AT3G13470	0	0	-1	0	0	0	0	0	0	-1
AT3G13610	0	0	0	-1	0	0	0	0	-1	-1
AT3G13672	-1	0	0	0	0	0	0	0	0	-1
AT3G13750	-1	0	0	0	0	0	-1	0	0	-1
AT3G13850	0	-1	0	0	0	0	0	0	0	-1
AT3G13880	0	-1	0	0	0	0	0	0	0	-1
AT3G13950	0	0	0	0	0	0	0	0	-1	-1
AT3G13980	1	0	0	1	0	0	0	0	0	1
AT3G14020	0	0	0	-1	0	0	0	0	0	-1
AT3G14210	0	-1	0	-1	0	-1	-1	-1	0	-1
AT3G14220	0	0	0	0	0	0	-1	0	0	-1
AT3G14310	0	0	0	0	0	0	-1	0	0	-1
AT3G14362	0	0	0	-1	0	0	0	0	0	-1
AT3G14370	1	0	0	1	1	0	1	0	0	1
AT3G14415	0	0	0	0	0	0	-1	0	0	-1
AT3G14440	1	0	0	1	0	0	0	0	0	1
AT3G14530	0	-1	0	0	0	0	0	0	0	-1
AT3G14550	0	-1	0	-1	0	0	0	0	0	-1
AT3G14620	0	0	0	-1	0	0	0	0	0	-1
AT3G14735	0	-1	0	0	0	0	0	0	0	-1
AT3G14760	0	-1	0	0	0	-1	-1	0	0	-1
AT3G14850	0	0	0	1	0	0	1	1	0	1
AT3G14930	-1	-1	-1	0	0	0	-1	0	0	-1
AT3G15110	0	0	0	0	0	0	-1	0	0	-1
AT3G15140	0	0	0	-1	0	0	0	0	0	-1
AT3G15280	0	-1	0	0	0	0	0	0	0	-1
AT3G15353	0	0	0	-1	0	0	0	0	0	-1
AT3G15357	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G15360	0	0	0	0	0	0	-1	0	0	-1
AT3G15370	0	0	0	1	0	0	0	1	0	1
AT3G15450	0	1	0	0	0	0	1	0	0	1
AT3G15520	0	0	-1	0	0	0	0	0	0	-1
AT3G15540	1	1	1	1	1	0	1	0	0	1
AT3G15570	0	-1	0	0	0	0	-1	0	0	-1
AT3G15650	0	-1	0	0	0	0	0	0	0	-1
AT3G15680	0	-1	0	0	0	0	0	0	0	-1
AT3G15720	0	0	0	0	0	0	-1	0	0	-1
AT3G15840	0	0	0	-1	0	0	-1	0	0	-1
AT3G15850	0	-1	0	-1	-1	-1	-1	-1	0	-1
AT3G15950	0	0	0	-1	0	0	0	0	0	-1
AT3G15990	0	0	0	-1	0	0	-1	0	0	-1
AT3G16000	0	0	-1	-1	0	0	-1	0	0	-1
AT3G16010	0	0	0	0	0	0	-1	0	0	-1
AT3G16080	0	-1	0	0	0	0	0	0	0	-1
AT3G16130	0	0	0	-1	0	0	0	0	0	-1
AT3G16140	0	-1	-1	0	0	0	-1	0	0	-1
AT3G16180	0	1	0	1	0	0	1	0	0	1
AT3G16220	0	0	0	0	0	0	-1	0	0	-1
AT3G16250	0	0	-1	0	0	0	-1	0	0	-1
AT3G16350	0	0	0	1	0	0	1	0	0	1
AT3G16360	0	-1	0	0	0	0	0	0	0	-1
AT3G16380	0	0	0	-1	0	0	0	0	0	-1
AT3G16410	0	-1	0	0	0	0	0	0	0	-1
AT3G16470	0	-1	0	0	0	0	-1	0	0	-1
AT3G16520	0	-1	0	-1	0	0	-1	0	0	-1
AT3G16660	0	-1	0	-1	0	-1	0	0	0	-1
AT3G16670	0	-1	0	-1	-1	-1	-1	0	0	-1
AT3G16750	0	0	0	-1	0	0	0	0	0	-1
AT3G16780	0	-1	0	0	0	0	0	0	0	-1
AT3G16800	1	0	0	1	0	0	0	0	0	1
AT3G16870	0	-1	0	-1	0	0	0	0	0	-1
AT3G17010	0	1	0	1	0	0	0	0	0	1
AT3G17040	0	-1	-1	-1	0	0	-1	0	0	-1
AT3G17050	0	1	0	1	0	0	0	0	0	1
AT3G17110	0	1	0	1	0	0	0	0	0	1
AT3G17120	1	0	0	1	0	0	0	0	1	1
AT3G17170	0	0	0	0	0	-1	0	0	0	-1
AT3G17350	0	0	0	-1	0	0	0	0	0	-1
AT3G17420	0	0	0	1	0	0	1	0	0	1
AT3G17510	0	0	0	0	0	0	-1	0	0	-1
AT3G17580	0	1	0	1	0	1	0	0	0	1
AT3G17609	0	0	0	0	0	0	0	0	-1	-1
AT3G17690	0	-1	0	0	0	0	0	0	0	-1
AT3G17790	0	0	0	1	0	0	1	0	0	1
AT3G18130	0	-1	0	0	0	0	0	0	0	-1
AT3G18250	0	0	0	0	0	0	0	0	-1	-1
AT3G18320	0	0	0	-1	0	0	0	0	0	-1
AT3G18510	0	0	0	-1	0	0	0	0	0	-1
AT3G18530	0	1	1	0	0	0	1	0	0	1
AT3G18890	0	-1	-1	0	0	0	-1	0	0	-1
AT3G18900	0	-1	0	-1	0	0	0	0	0	-1
AT3G18950	0	1	0	1	0	0	0	0	0	1
AT3G18960	0	0	0	0	0	0	-1	0	0	-1
AT3G18980	0	0	0	0	0	0	-1	0	0	-1
AT3G19000	0	0	0	0	0	0	-1	0	0	-1
AT3G19030	0	0	0	-1	0	0	-1	0	0	-1
AT3G19040	0	0	0	-1	0	0	0	0	0	-1
AT3G19250	0	0	0	-1	0	0	0	0	0	-1
AT3G19430	0	-1	0	0	-1	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G19480	0	-1	-1	-1	0	0	-1	0	-1	-1
AT3G19508	0	-1	0	0	0	0	0	0	0	-1
AT3G19515	0	0	0	-1	0	0	0	0	0	-1
AT3G19580	0	1	0	1	0	0	0	0	0	1
AT3G19615	0	0	0	0	0	0	0	-1	0	-1
AT3G19710	0	-1	0	0	0	0	0	0	0	-1
AT3G19720	0	0	0	0	0	0	-1	0	0	-1
AT3G19800	0	0	0	0	0	0	-1	0	0	-1
AT3G19850	0	-1	0	-1	0	0	-1	0	0	-1
AT3G20070	0	0	0	0	0	0	-1	0	0	-1
AT3G20160	0	-1	0	0	0	0	0	0	0	-1
AT3G20180	0	0	0	1	0	1	0	0	0	1
AT3G20270	-1	0	0	0	0	0	-1	0	0	-1
AT3G20370	0	-1	0	-1	0	-1	0	0	0	-1
AT3G20440	0	0	0	-1	0	0	0	0	0	-1
AT3G20470	0	1	0	1	0	0	1	0	0	1
AT3G20590	0	-1	0	0	0	0	0	0	0	-1
AT3G20600	0	-1	0	0	0	0	-1	0	0	-1
AT3G20810	0	1	0	0	0	0	1	0	0	1
AT3G20840	0	0	0	-1	0	0	0	0	0	-1
AT3G20940	0	-1	0	0	0	0	0	0	0	-1
AT3G20978	0	-1	0	0	0	0	0	0	0	-1
AT3G21010	0	0	0	-1	0	0	0	0	0	-1
AT3G21030	0	0	0	-1	0	0	0	0	0	-1
AT3G21055	0	-1	-1	0	0	-1	-1	0	0	-1
AT3G21090	0	1	0	1	0	1	1	0	0	1
AT3G21190	1	0	0	1	0	0	1	0	0	1
AT3G21260	0	0	0	0	0	0	-1	0	0	-1
AT3G21270	0	0	0	0	0	0	-1	0	0	-1
AT3G21330	0	1	0	1	0	1	0	0	0	1
AT3G21380	0	0	0	-1	0	0	0	0	0	-1
AT3G21420	0	-1	0	0	0	0	0	0	0	-1
AT3G21670	0	1	0	1	0	0	0	1	0	1
AT3G21750	0	-1	0	-1	0	0	0	0	0	-1
AT3G21755	0	-1	0	0	0	0	0	0	0	-1
AT3G21760	0	-1	0	0	0	0	-1	0	0	-1
AT3G21780	0	0	0	-1	0	0	0	0	0	-1
AT3G21790	0	0	0	-1	0	0	0	0	0	-1
AT3G21870	-1	0	0	0	0	0	-1	0	0	-1
AT3G21950	0	-1	0	0	0	0	-1	0	0	-1
AT3G22060	0	0	0	-1	0	0	-1	0	-1	-1
AT3G22090	0	-1	0	0	0	0	0	0	0	-1
AT3G22100	0	-1	0	0	0	0	0	0	0	-1
AT3G22120	0	0	0	-1	0	0	0	0	0	-1
AT3G22142	0	0	0	-1	0	0	0	0	0	-1
AT3G22150	0	0	0	0	0	0	-1	0	0	-1
AT3G22230	0	-1	0	0	0	0	0	0	0	-1
AT3G22240	1	0	0	1	0	0	0	0	0	1
AT3G22420	0	0	0	0	0	0	-1	0	0	-1
AT3G22450	0	0	0	-1	0	0	0	0	0	-1
AT3G22550	0	-1	0	0	0	0	0	0	0	-1
AT3G22750	-1	0	0	0	0	0	0	0	0	-1
AT3G22840	0	1	0	1	0	0	1	1	0	1
AT3G22886	0	-1	0	-1	0	0	0	0	0	-1
AT3G23030	1	0	0	0	1	0	0	0	0	1
AT3G23050	1	1	0	0	0	0	0	0	0	1
AT3G23080	-1	0	0	0	0	0	-1	0	0	-1
AT3G23090	0	0	0	1	0	0	1	0	0	1
AT3G23190	0	0	0	-1	0	0	0	0	0	-1
AT3G23370	0	0	0	-1	0	0	0	0	0	-1
AT3G23390	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G23410	-1	-1	-1	-1	0	0	-1	0	0	-1
AT3G23470	0	0	0	-1	0	0	0	0	0	-1
AT3G23550	-1	0	0	0	0	0	0	0	0	-1
AT3G23570	0	0	0	-1	0	0	0	0	0	-1
AT3G23580	0	-1	0	0	0	0	0	0	0	-1
AT3G23800	0	0	0	1	0	0	1	0	0	1
AT3G23810	1	0	0	1	0	0	1	1	0	1
AT3G23830	0	-1	0	-1	0	0	0	0	0	-1
AT3G23840	0	-1	0	0	0	0	0	0	0	-1
AT3G23880	0	0	0	0	0	0	-1	0	0	-1
AT3G23990	0	-1	0	0	0	0	0	0	0	-1
AT3G24450	0	1	0	1	0	0	0	0	0	1
AT3G24510	0	0	0	0	0	0	0	0	-1	-1
AT3G24715	0	1	0	1	0	0	0	0	0	1
AT3G24750	0	0	0	1	0	0	1	0	0	1
AT3G24780	0	-1	0	0	0	0	0	0	0	-1
AT3G24830	0	-1	0	0	0	0	0	0	0	-1
AT3G24840	0	1	0	1	0	0	1	0	0	1
AT3G25020	0	-1	0	0	0	0	0	0	0	-1
AT3G25190	0	0	0	0	-1	0	0	0	0	-1
AT3G25250	0	0	0	-1	0	0	0	0	0	-1
AT3G25290	0	0	0	1	0	0	1	0	0	1
AT3G25690	0	0	0	0	0	0	-1	0	0	-1
AT3G25730	0	1	0	1	0	1	1	0	0	1
AT3G25760	0	0	0	-1	0	0	-1	0	0	-1
AT3G25770	0	-1	0	0	0	-1	0	0	0	-1
AT3G25790	0	-1	0	0	0	0	0	0	0	-1
AT3G25890	0	0	0	-1	0	0	0	0	0	-1
AT3G25920	0	0	0	0	0	-1	0	0	0	-1
AT3G26050	0	-1	0	0	0	0	0	0	0	-1
AT3G26060	0	0	-1	0	0	0	0	0	0	-1
AT3G26230	0	0	0	0	0	0	0	0	-1	-1
AT3G26290	0	0	0	-1	0	0	0	0	0	-1
AT3G26320	-1	-1	0	-1	0	0	0	0	0	-1
AT3G26520	0	0	0	0	0	-1	0	0	0	-1
AT3G26570	0	-1	0	0	0	0	-1	0	0	-1
AT3G26650	0	0	0	0	0	-1	-1	0	0	-1
AT3G26740	0	0	0	-1	0	0	-1	0	0	-1
AT3G26782	0	0	0	-1	0	0	0	0	0	-1
AT3G26830	0	0	0	-1	0	0	0	-1	-1	-1
AT3G26932	0	0	0	0	0	0	-1	0	0	-1
AT3G26960	0	-1	0	0	0	0	0	0	0	-1
AT3G27050	0	0	0	0	0	0	-1	0	0	-1
AT3G27070	0	-1	0	0	0	0	0	0	0	-1
AT3G27210	0	1	0	1	0	0	1	0	0	1
AT3G27250	0	1	0	1	0	0	0	0	0	1
AT3G27400	0	-1	0	0	0	0	0	0	0	-1
AT3G27550	0	-1	0	0	0	0	0	0	0	-1
AT3G27620	0	-1	0	0	0	0	0	0	0	-1
AT3G27690	0	-1	-1	0	0	-1	-1	0	-1	-1
AT3G27750	0	-1	0	0	0	0	0	0	0	-1
AT3G27830	0	0	0	0	0	-1	0	0	0	-1
AT3G27925	0	0	0	0	0	0	-1	0	0	-1
AT3G27950	0	-1	0	-1	0	0	0	0	0	-1
AT3G27980	0	0	0	-1	0	0	0	0	0	-1
AT3G28070	0	-1	0	-1	0	0	0	0	0	-1
AT3G28080	0	0	0	-1	0	0	0	0	0	-1
AT3G28160	0	0	0	-1	0	0	0	0	0	-1
AT3G28180	1	0	0	1	1	0	0	0	0	1
AT3G28220	0	-1	0	0	0	0	-1	0	0	-1
AT3G28340	0	1	0	1	0	1	1	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G28420	0	-1	0	0	0	0	0	0	0	-1
AT3G28580	0	-1	0	-1	0	0	0	0	0	-1
AT3G28650	0	0	0	-1	0	0	0	0	0	-1
AT3G28740	0	1	0	1	0	0	0	0	0	1
AT3G28857	0	1	0	1	0	1	0	0	0	1
AT3G28880	0	1	0	1	0	0	0	0	0	1
AT3G28930	0	0	0	0	0	0	0	0	-1	-1
AT3G29000	0	0	0	0	0	0	0	-1	0	-1
AT3G29120	0	0	0	-1	0	0	0	0	0	-1
AT3G29140	0	0	0	-1	0	0	0	0	0	-1
AT3G29240	0	0	0	0	0	0	-1	0	0	-1
AT3G29250	0	0	0	-1	0	0	0	0	0	-1
AT3G29252	0	0	0	-1	0	0	0	0	0	-1
AT3G29320	0	0	-1	0	0	0	0	0	0	-1
AT3G29380	-1	0	0	0	0	0	0	0	0	-1
AT3G29410	0	1	0	1	0	1	1	0	0	1
AT3G29575	1	1	0	1	0	0	1	0	0	1
AT3G29639	0	1	0	1	0	0	0	0	0	1
AT3G29680	0	-1	0	-1	0	0	0	0	0	-1
AT3G30180	0	1	0	1	0	0	0	0	0	1
AT3G30214	0	0	0	-1	0	0	0	0	0	-1
AT3G30720	0	-1	0	0	0	0	-1	0	0	-1
AT3G30737	0	0	0	-1	0	0	0	0	0	-1
AT3G32990	0	0	0	-1	0	0	0	0	0	-1
AT3G41979	0	0	0	-1	0	0	0	0	0	-1
AT3G42725	0	-1	0	0	0	0	0	0	0	-1
AT3G42800	1	0	0	1	1	0	0	0	0	1
AT3G43110	0	-1	0	0	0	0	0	0	0	-1
AT3G43270	0	1	0	1	0	1	1	0	0	1
AT3G43400	0	0	0	-1	0	0	0	0	0	-1
AT3G43430	0	1	0	1	0	0	0	0	0	1
AT3G43670	0	0	0	0	0	0	-1	0	0	-1
AT3G43715	0	-1	0	-1	0	0	0	0	0	-1
AT3G43720	0	0	0	0	0	0	-1	0	0	-1
AT3G43800	0	0	0	0	0	0	-1	0	0	-1
AT3G44020	0	0	0	0	0	0	-1	0	0	-1
AT3G44042	0	0	0	1	0	0	0	1	0	1
AT3G44320	0	-1	0	0	0	0	0	0	0	-1
AT3G44510	0	1	0	1	0	0	1	0	0	1
AT3G44590	0	-1	0	0	0	0	0	0	0	-1
AT3G44630	0	0	0	0	0	0	-1	0	0	-1
AT3G44710	0	-1	0	0	0	0	0	0	0	-1
AT3G44720	0	0	0	-1	0	0	0	0	0	-1
AT3G44735	1	0	0	1	0	0	0	0	0	1
AT3G44750	0	-1	0	-1	0	0	0	0	0	-1
AT3G44860	0	0	0	0	0	0	0	-1	0	-1
AT3G44960	0	-1	0	0	0	0	0	0	0	-1
AT3G44970	-1	0	0	0	0	0	-1	0	0	-1
AT3G45050	0	-1	0	0	0	-1	-1	0	0	-1
AT3G45070	0	-1	0	0	0	0	0	0	0	-1
AT3G45080	0	-1	0	0	0	0	0	0	0	-1
AT3G45160	0	0	-1	0	0	0	0	0	0	-1
AT3G45210	0	-1	0	0	0	0	-1	0	0	-1
AT3G45330	0	0	0	-1	0	0	0	0	0	-1
AT3G45680	0	-1	0	0	0	0	0	0	0	-1
AT3G45700	0	0	0	1	0	0	0	1	0	1
AT3G46230	0	0	0	0	0	0	1	1	0	1
AT3G46300	0	-1	0	0	0	0	0	0	0	-1
AT3G46400	0	0	0	-1	0	0	0	0	0	-1
AT3G46530	0	0	0	-1	0	0	-1	0	0	-1
AT3G46540	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G46630	0	-1	0	0	0	0	-1	0	0	-1
AT3G46780	0	-1	-1	0	0	0	-1	0	0	-1
AT3G46870	0	-1	0	0	0	0	0	0	0	-1
AT3G46890	0	-1	0	0	0	0	0	0	0	-1
AT3G46900	0	-1	0	0	-1	0	0	0	0	-1
AT3G46940	0	-1	0	0	0	0	0	0	0	-1
AT3G47070	0	0	0	0	0	0	-1	0	0	-1
AT3G47180	0	0	0	-1	0	0	0	0	0	-1
AT3G47220	0	1	0	1	0	0	0	0	0	1
AT3G47250	0	-1	0	-1	0	-1	-1	0	0	-1
AT3G47295	0	0	0	0	0	0	-1	0	0	-1
AT3G47370	0	-1	0	0	0	0	0	0	0	-1
AT3G47380	0	0	0	0	0	0	-1	0	0	-1
AT3G47430	0	0	0	0	0	0	-1	0	0	-1
AT3G47470	0	-1	0	-1	0	-1	-1	0	-1	-1
AT3G47480	0	0	0	-1	0	0	0	0	0	-1
AT3G47500	0	0	0	0	0	0	-1	0	0	-1
AT3G47540	0	0	0	1	0	0	1	0	0	1
AT3G47560	0	0	0	0	0	0	-1	0	0	-1
AT3G47620	0	0	0	0	0	0	-1	0	0	-1
AT3G47650	0	0	-1	0	0	0	0	0	0	-1
AT3G47750	0	0	0	-1	0	0	0	0	0	-1
AT3G47840	0	0	0	-1	0	0	0	0	0	-1
AT3G48100	0	0	0	-1	0	0	0	0	0	-1
AT3G48200	0	0	0	0	0	0	-1	0	0	-1
AT3G48250	0	0	0	-1	0	0	0	0	0	-1
AT3G48260	0	1	0	1	0	1	0	0	0	1
AT3G48280	0	-1	0	0	0	0	0	0	0	-1
AT3G48340	0	-1	0	0	0	0	0	0	0	-1
AT3G48350	0	-1	0	0	0	-1	-1	0	0	-1
AT3G48360	0	0	0	0	0	0	-1	0	0	-1
AT3G48420	0	0	0	0	0	0	-1	0	0	-1
AT3G48450	0	0	0	0	0	0	0	0	-1	-1
AT3G48460	0	0	0	1	0	0	1	0	0	1
AT3G48480	0	-1	0	0	0	0	0	0	0	-1
AT3G48510	0	1	0	1	0	0	1	0	0	1
AT3G48540	0	-1	0	0	0	0	0	0	0	-1
AT3G48650	0	0	0	-1	0	0	0	0	0	-1
AT3G48700	0	0	0	0	-1	0	0	0	0	-1
AT3G48720	0	-1	-1	-1	0	-1	-1	0	0	-1
AT3G48730	0	0	-1	0	0	0	0	0	0	-1
AT3G48930	0	-1	0	0	0	0	0	0	0	-1
AT3G48940	0	1	0	1	0	0	1	0	0	1
AT3G48970	1	0	0	1	1	0	0	0	0	1
AT3G49060	-1	0	0	0	0	0	0	0	0	-1
AT3G49140	0	0	0	0	0	0	-1	0	0	-1
AT3G49160	0	0	0	0	0	0	-1	0	0	-1
AT3G49220	1	0	0	1	0	0	0	0	0	1
AT3G49260	0	0	-1	0	0	0	-1	0	0	-1
AT3G49320	0	-1	0	0	0	0	0	0	0	-1
AT3G49360	0	1	0	0	0	0	1	0	0	1
AT3G49620	0	0	0	-1	0	0	0	0	-1	-1
AT3G49930	0	0	0	1	0	0	1	0	0	1
AT3G49970	0	1	0	0	0	1	0	0	0	1
AT3G50010	0	0	0	-1	0	0	0	0	0	-1
AT3G50070	0	-1	0	0	0	0	0	0	0	-1
AT3G50120	0	1	0	1	0	0	0	0	0	1
AT3G50160	0	0	0	-1	0	0	0	0	0	-1
AT3G50240	0	0	0	0	0	0	-1	0	0	-1
AT3G50270	0	-1	0	-1	0	-1	-1	0	0	-1
AT3G50330	0	0	0	1	0	1	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G50420	0	0	0	-1	0	0	0	0	0	-1
AT3G50560	0	0	0	0	0	0	-1	0	0	-1
AT3G50570	-1	-1	0	0	0	0	0	0	0	-1
AT3G50685	0	-1	0	0	0	0	-1	0	0	-1
AT3G50700	0	0	0	-1	0	0	0	0	0	-1
AT3G50750	0	0	0	0	0	0	-1	0	0	-1
AT3G50760	1	0	0	1	0	0	0	0	0	1
AT3G50790	0	0	0	0	0	0	-1	0	0	-1
AT3G50800	0	1	0	1	0	0	0	0	0	1
AT3G50820	0	-1	-1	0	0	-1	-1	0	0	-1
AT3G50870	0	-1	0	0	0	0	0	0	0	-1
AT3G50890	0	0	0	1	1	0	0	0	0	1
AT3G50900	0	0	0	1	0	0	1	0	0	1
AT3G51230	0	-1	0	0	0	0	0	0	0	-1
AT3G51350	0	0	0	-1	0	0	0	0	0	-1
AT3G51400	0	0	0	1	0	1	0	0	0	1
AT3G51420	0	0	0	0	0	0	-1	0	0	-1
AT3G51480	0	-1	0	0	0	0	0	0	0	-1
AT3G51490	0	0	0	-1	0	0	0	0	0	-1
AT3G51660	0	-1	0	0	0	0	0	0	0	-1
AT3G51720	0	-1	0	0	0	0	0	0	0	-1
AT3G51740	0	-1	0	0	0	0	0	0	0	-1
AT3G51895	0	1	0	1	0	1	1	0	0	1
AT3G52070	0	-1	0	0	0	0	-1	0	0	-1
AT3G52150	0	0	0	0	0	-1	0	0	0	-1
AT3G52290	0	0	0	0	0	0	-1	0	0	-1
AT3G52340	0	0	0	0	0	0	-1	0	0	-1
AT3G52370	0	0	0	1	0	0	1	0	0	1
AT3G52390	0	-1	0	0	0	0	0	0	0	-1
AT3G52525	0	-1	0	0	0	0	0	0	0	-1
AT3G52720	0	0	0	0	0	0	-1	0	0	-1
AT3G52748	0	0	0	-1	0	0	0	0	0	-1
AT3G52910	0	0	0	-1	0	0	0	0	0	-1
AT3G53190	0	-1	0	0	0	0	-1	0	0	-1
AT3G53200	0	1	0	1	0	0	0	0	0	1
AT3G53250	0	0	0	0	0	-1	-1	0	0	-1
AT3G53280	0	0	0	0	0	0	-1	0	0	-1
AT3G53360	0	0	0	-1	0	0	0	0	0	-1
AT3G53430	0	-1	0	0	0	0	0	0	0	-1
AT3G53460	0	0	0	0	0	-1	0	0	0	-1
AT3G53470	0	0	0	0	0	0	-1	0	0	-1
AT3G53480	0	0	0	0	0	0	-1	0	0	-1
AT3G53530	0	0	0	-1	0	0	0	0	0	-1
AT3G53590	0	0	0	-1	0	0	0	0	0	-1
AT3G53600	0	0	0	0	0	0	0	0	-1	-1
AT3G53800	0	0	0	0	0	0	-1	0	0	-1
AT3G53890	0	-1	0	0	0	0	0	0	0	-1
AT3G53920	0	0	0	0	0	0	-1	0	0	-1
AT3G53990	0	0	0	1	0	0	1	0	0	1
AT3G54000	0	1	0	1	0	0	0	0	0	1
AT3G54050	0	0	-1	0	0	0	-1	0	0	-1
AT3G54090	0	0	0	0	0	-1	0	0	0	-1
AT3G54150	0	0	0	0	0	0	0	-1	0	-1
AT3G54200	1	0	0	1	0	0	0	0	0	1
AT3G54400	1	0	0	1	0	0	0	0	0	1
AT3G54500	0	0	0	0	0	0	-1	0	0	-1
AT3G54510	0	1	1	1	1	1	1	0	0	1
AT3G54530	0	0	0	-1	0	0	0	0	0	-1
AT3G54600	0	-1	0	0	0	0	0	0	0	-1
AT3G54710	0	-1	0	0	0	0	0	0	0	-1
AT3G54770	0	0	1	1	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G54830	0	1	0	1	0	1	0	0	0	1
AT3G54890	0	-1	-1	-1	0	-1	-1	0	-1	-1
AT3G54900	0	-1	0	0	0	-1	-1	0	0	-1
AT3G55010	0	-1	0	0	0	0	0	0	0	-1
AT3G55040	0	0	0	0	0	0	-1	0	0	-1
AT3G55110	0	-1	0	0	0	0	0	0	0	-1
AT3G55120	0	-1	0	0	0	0	-1	0	0	-1
AT3G55130	0	-1	0	0	0	0	-1	0	0	-1
AT3G55280	0	-1	0	0	0	0	0	0	0	-1
AT3G55330	0	0	0	0	0	0	-1	0	0	-1
AT3G55500	0	0	0	-1	0	0	0	0	0	-1
AT3G55550	0	0	0	-1	0	0	0	0	0	-1
AT3G55605	0	-1	0	0	0	0	0	0	0	-1
AT3G55630	0	0	0	0	0	0	-1	0	0	-1
AT3G55710	0	-1	0	0	0	0	-1	0	0	-1
AT3G55750	0	-1	0	0	0	0	0	0	0	-1
AT3G55790	0	0	0	0	0	0	0	0	-1	-1
AT3G55800	0	0	0	0	0	0	-1	0	0	-1
AT3G55840	0	0	1	1	0	0	0	0	0	1
AT3G55940	0	1	1	1	0	1	1	0	0	1
AT3G55960	-1	0	0	0	0	0	0	0	0	-1
AT3G55970	0	-1	0	0	0	0	0	0	-1	-1
AT3G56010	0	0	0	0	0	0	-1	0	0	-1
AT3G56040	0	0	0	0	0	-1	-1	0	0	-1
AT3G56070	0	-1	0	0	0	0	0	0	0	-1
AT3G56080	0	-1	0	0	0	0	-1	0	0	-1
AT3G56200	1	0	0	1	0	0	0	0	0	1
AT3G56220	0	-1	0	-1	0	0	0	0	0	-1
AT3G56330	0	-1	0	-1	0	0	0	0	0	-1
AT3G56570	0	0	0	-1	0	0	0	0	0	-1
AT3G56650	0	0	0	0	0	0	-1	0	0	-1
AT3G56705	0	0	0	-1	0	0	0	0	0	-1
AT3G56730	0	-1	0	0	0	0	0	0	0	-1
AT3G56825	0	-1	0	-1	0	0	0	0	0	-1
AT3G56940	0	-1	-1	-1	0	0	-1	0	0	-1
AT3G56960	0	0	0	-1	0	0	0	0	0	-1
AT3G56970	0	0	0	-1	0	0	0	0	0	-1
AT3G56980	0	0	-1	0	0	0	0	0	0	-1
AT3G56990	0	-1	0	0	0	0	0	0	0	-1
AT3G57010	0	-1	0	0	0	0	0	0	0	-1
AT3G57020	0	0	0	-1	0	0	0	0	0	-1
AT3G57040	0	0	0	-1	0	0	0	0	0	-1
AT3G57160	0	-1	0	0	0	0	0	0	0	-1
AT3G57370	-1	0	0	0	0	0	0	0	0	-1
AT3G57500	0	-1	0	0	0	0	0	0	0	-1
AT3G57645	0	0	0	-1	0	0	0	0	0	-1
AT3G57765	0	-1	0	0	0	0	0	0	0	-1
AT3G57780	0	0	0	1	0	0	1	0	0	1
AT3G58060	0	0	0	1	0	0	1	0	0	1
AT3G58070	0	-1	0	0	0	0	0	0	0	-1
AT3G58270	0	-1	0	0	0	0	0	0	0	-1
AT3G58450	0	1	0	0	0	0	1	0	0	1
AT3G58610	0	-1	0	0	0	0	0	0	0	-1
AT3G58650	0	-1	0	0	0	0	0	0	0	-1
AT3G58850	0	1	0	1	0	0	0	0	0	1
AT3G59060	1	1	0	0	0	0	1	1	1	1
AT3G59080	-1	0	0	-1	0	0	0	0	0	-1
AT3G59200	0	-1	0	0	0	0	0	0	0	-1
AT3G59250	0	-1	0	-1	0	0	0	0	0	-1
AT3G59300	0	0	0	0	0	0	-1	0	0	-1
AT3G59340	0	-1	0	-1	0	0	-1	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT3G59370	0	0	1	1	0	0	1	0	0	1
AT3G59400	0	-1	-1	-1	0	0	-1	0	-1	-1
AT3G59480	-1	0	0	0	0	0	0	0	0	-1
AT3G59690	0	1	0	1	0	1	0	0	0	1
AT3G59710	0	0	0	1	0	0	1	0	0	1
AT3G59780	0	0	0	0	0	0	-1	0	0	-1
AT3G59900	1	1	1	0	1	0	0	0	0	1
AT3G60120	0	0	0	-1	0	0	0	-1	-1	-1
AT3G60140	0	1	0	1	0	0	0	0	0	1
AT3G60290	0	0	0	-1	0	0	0	-1	0	-1
AT3G60330	0	0	0	-1	0	0	0	0	0	-1
AT3G60370	0	0	0	0	0	0	-1	0	0	-1
AT3G60520	0	1	0	1	0	0	0	0	0	1
AT3G60530	0	0	0	0	0	0	-1	0	0	-1
AT3G60540	0	0	0	0	0	0	-1	0	0	-1
AT3G60900	0	-1	0	0	0	0	0	0	0	-1
AT3G61060	0	1	0	1	0	0	0	0	0	1
AT3G61198	0	0	0	-1	0	0	0	-1	0	-1
AT3G61210	0	0	0	-1	0	0	0	0	0	-1
AT3G61220	0	0	0	0	0	0	1	1	0	1
AT3G61250	0	-1	0	0	0	0	0	0	0	-1
AT3G61310	0	0	0	0	0	0	-1	0	0	-1
AT3G61460	1	0	0	0	1	0	0	0	0	1
AT3G61470	0	-1	0	0	0	-1	-1	0	0	-1
AT3G61550	0	0	0	0	0	0	-1	0	0	-1
AT3G61680	0	1	0	1	0	0	0	0	0	1
AT3G61830	0	1	0	0	0	1	1	0	0	1
AT3G61870	0	0	0	0	0	0	-1	0	0	-1
AT3G61890	0	0	0	0	0	0	-1	0	0	-1
AT3G61920	0	-1	0	0	0	0	0	0	0	-1
AT3G61950	0	-1	0	-1	0	0	0	0	0	-1
AT3G61990	0	-1	0	0	0	0	0	0	0	-1
AT3G62020	0	0	0	1	0	0	0	1	0	1
AT3G62030	0	0	0	0	0	-1	0	0	0	-1
AT3G62090	0	1	0	1	0	1	1	0	1	1
AT3G62150	0	0	0	-1	0	0	0	0	0	-1
AT3G62410	0	0	0	0	0	0	-1	0	0	-1
AT3G62530	0	-1	0	0	0	0	0	0	0	-1
AT3G62550	0	0	0	-1	0	0	-1	0	0	-1
AT3G62750	0	0	0	0	0	0	-1	0	0	-1
AT3G62760	0	-1	0	0	0	0	0	0	0	-1
AT3G62820	0	0	0	0	0	0	-1	0	0	-1
AT3G62930	0	0	0	-1	0	0	0	0	0	-1
AT3G63140	0	-1	-1	0	0	0	-1	0	0	-1
AT3G63160	0	0	0	-1	0	0	0	0	0	-1
AT3G63200	0	0	0	0	0	0	-1	0	0	-1
AT3G63350	0	1	0	1	0	0	1	0	0	1
AT3G63470	0	1	0	1	0	0	1	0	0	1
AT3G63490	0	0	0	0	0	-1	0	0	0	-1
AT4G00165	0	-1	0	0	0	0	0	0	0	-1
AT4G00360	1	0	0	1	0	0	0	0	0	1
AT4G00390	0	-1	0	0	0	0	0	0	0	-1
AT4G00480	0	-1	0	0	0	0	-1	0	0	-1
AT4G00750	0	0	0	0	0	0	-1	0	0	-1
AT4G00810	0	-1	0	0	0	0	0	0	0	-1
AT4G00820	1	0	0	0	1	0	0	0	0	1
AT4G00880	0	-1	0	0	0	0	0	0	0	-1
AT4G00910	0	1	0	1	0	0	0	0	0	1
AT4G00950	0	-1	0	-1	0	0	-1	0	0	-1
AT4G00970	0	0	0	0	0	0	0	0	-1	-1
AT4G01050	0	-1	-1	0	0	0	-1	-1	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G01130	0	0	0	-1	0	0	0	0	0	-1
AT4G01140	0	1	0	1	0	0	1	0	0	1
AT4G01250	0	1	1	0	0	0	0	0	0	1
AT4G01335	0	1	0	1	0	0	0	0	0	1
AT4G01410	1	0	0	0	0	0	1	0	0	1
AT4G01450	0	0	0	0	0	0	-1	0	0	-1
AT4G01460	-1	0	0	0	0	0	0	0	0	-1
AT4G01515	0	1	0	1	0	0	0	0	0	1
AT4G01525	0	-1	0	0	0	0	0	0	0	-1
AT4G01630	0	-1	0	0	0	0	0	0	0	-1
AT4G01680	1	0	0	1	0	0	0	0	0	1
AT4G01690	0	0	0	0	0	0	-1	0	0	-1
AT4G01890	0	-1	0	0	0	0	0	0	0	-1
AT4G02075	0	1	0	1	0	0	0	0	0	1
AT4G02120	0	0	0	0	0	0	-1	0	0	-1
AT4G02290	0	1	1	1	0	1	1	0	0	1
AT4G02330	0	0	0	1	0	0	1	0	0	1
AT4G02380	0	0	0	-1	0	0	0	0	0	-1
AT4G02390	0	0	0	-1	0	0	0	0	0	-1
AT4G02420	0	0	0	-1	0	0	0	0	0	-1
AT4G02530	0	-1	-1	0	0	0	-1	0	0	-1
AT4G02740	0	0	0	0	0	0	0	-1	0	-1
AT4G02750	0	-1	0	0	0	0	0	0	0	-1
AT4G02770	0	-1	0	0	0	-1	-1	0	-1	-1
AT4G02810	0	-1	0	0	0	0	0	0	0	-1
AT4G02920	0	0	0	0	0	0	-1	0	0	-1
AT4G02930	0	-1	0	0	0	0	0	0	0	-1
AT4G02990	0	-1	0	0	0	0	0	0	0	-1
AT4G03100	0	-1	0	0	0	0	0	0	0	-1
AT4G03150	0	-1	0	0	0	0	-1	0	0	-1
AT4G03210	0	0	0	0	0	0	-1	0	0	-1
AT4G03280	0	0	0	0	0	0	-1	0	0	-1
AT4G03470	0	0	0	-1	0	0	0	0	0	-1
AT4G03930	0	0	0	-1	0	0	0	0	0	-1
AT4G04040	0	0	0	0	0	0	-1	0	0	-1
AT4G04330	0	0	0	-1	0	0	-1	0	0	-1
AT4G04370	0	-1	0	0	0	0	0	0	0	-1
AT4G04408	0	0	0	-1	0	0	0	0	0	-1
AT4G04409	0	0	0	-1	0	0	0	0	0	-1
AT4G04410	-1	0	0	-1	0	0	0	0	0	-1
AT4G04420	0	0	0	-1	0	0	0	0	0	-1
AT4G04423	0	0	0	-1	0	0	0	0	0	-1
AT4G04540	0	0	0	-1	0	0	0	0	0	-1
AT4G04570	0	0	0	-1	0	0	0	-1	0	-1
AT4G04630	0	0	0	-1	0	0	0	0	0	-1
AT4G04640	0	-1	0	0	0	-1	-1	0	0	-1
AT4G04840	0	-1	0	-1	0	-1	-1	0	0	-1
AT4G04850	0	-1	0	0	0	-1	-1	0	0	-1
AT4G04940	0	-1	0	0	0	0	0	0	0	-1
AT4G05170	1	0	0	1	0	0	1	0	0	1
AT4G05180	0	-1	-1	-1	0	-1	-1	0	0	-1
AT4G05320	0	0	0	0	0	-1	0	0	0	-1
AT4G05330	0	0	0	-1	0	0	-1	0	0	-1
AT4G05440	0	-1	0	0	0	0	0	0	0	-1
AT4G07812	0	0	0	-1	0	0	0	0	0	-1
AT4G07820	0	0	0	0	0	0	-1	0	0	-1
AT4G08093	0	0	0	0	0	0	0	-1	0	-1
AT4G08250	0	0	0	-1	0	0	0	0	0	-1
AT4G08620	0	-1	0	0	0	0	0	0	0	-1
AT4G08685	1	0	0	1	0	0	0	0	0	1
AT4G08770	0	-1	0	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G08780	0	0	0	-1	0	0	0	0	0	-1
AT4G09010	-1	-1	-1	0	0	-1	-1	0	0	-1
AT4G09320	0	-1	0	0	0	0	0	0	0	-1
AT4G09350	0	0	0	0	0	0	-1	0	0	-1
AT4G09380	0	0	0	-1	0	0	0	0	0	-1
AT4G09600	0	1	0	0	0	0	1	0	0	1
AT4G09610	0	1	0	0	0	0	1	0	0	1
AT4G09620	0	0	0	0	0	0	-1	0	0	-1
AT4G09650	0	-1	-1	0	0	-1	-1	0	0	-1
AT4G09900	0	-1	0	0	0	0	0	0	0	-1
AT4G09990	0	-1	0	0	0	0	0	0	0	-1
AT4G10020	0	1	1	1	0	1	1	0	0	1
AT4G10060	0	0	0	0	0	0	-1	0	0	-1
AT4G10150	1	1	1	1	0	0	0	0	0	1
AT4G10160	1	1	1	1	0	0	0	0	0	1
AT4G10240	0	1	0	1	0	1	1	0	1	1
AT4G10250	0	1	0	1	0	0	1	0	0	1
AT4G10270	0	0	0	0	0	0	-1	0	0	-1
AT4G10280	0	0	0	0	0	0	0	-1	0	-1
AT4G10300	0	0	0	0	0	0	-1	0	0	-1
AT4G10310	1	0	0	1	0	0	0	0	0	1
AT4G10340	0	-1	0	0	0	-1	-1	0	0	-1
AT4G10380	0	0	0	0	0	0	-1	0	0	-1
AT4G10450	0	-1	0	0	0	0	0	0	0	-1
AT4G10500	0	0	0	0	0	0	0	0	-1	-1
AT4G10530	0	0	0	-1	0	0	0	0	0	-1
AT4G10620	0	-1	0	0	0	0	0	0	0	-1
AT4G10640	0	0	0	-1	0	0	0	0	0	-1
AT4G11000	0	1	0	1	0	0	0	0	0	1
AT4G11020	0	0	0	1	0	0	1	0	0	1
AT4G11050	0	1	0	1	0	1	1	0	0	1
AT4G11100	0	0	0	0	0	0	-1	0	0	-1
AT4G11140	0	-1	0	-1	0	0	0	0	0	-1
AT4G11190	1	0	0	1	1	0	1	1	1	1
AT4G11211	0	0	0	-1	0	0	0	0	0	-1
AT4G11290	0	0	0	1	0	1	1	0	0	1
AT4G11320	0	-1	0	-1	0	0	-1	0	0	-1
AT4G11450	0	0	0	-1	0	0	0	0	0	-1
AT4G11460	-1	-1	0	-1	0	-1	-1	0	0	-1
AT4G11610	0	1	1	1	0	1	1	1	0	1
AT4G11650	0	1	0	0	0	0	1	0	0	1
AT4G11890	0	0	0	-1	0	0	0	0	0	-1
AT4G11900	0	0	0	-1	0	0	0	0	0	-1
AT4G12310	0	-1	0	-1	0	0	0	0	0	-1
AT4G12320	0	0	0	-1	0	0	-1	0	0	-1
AT4G12390	0	0	0	0	0	0	-1	0	0	-1
AT4G12410	0	0	0	0	0	1	1	0	0	1
AT4G12430	0	0	0	0	0	0	-1	0	0	-1
AT4G12510	0	1	1	1	0	0	1	0	0	1
AT4G12545	0	0	0	-1	0	0	0	0	0	-1
AT4G12550	0	0	-1	-1	0	0	0	0	0	-1
AT4G12600	0	-1	0	0	0	0	0	0	0	-1
AT4G12730	1	0	0	1	0	0	1	0	1	1
AT4G12735	0	0	0	-1	0	0	0	0	0	-1
AT4G12800	0	-1	0	0	0	-1	-1	0	0	-1
AT4G12830	0	0	0	0	0	0	-1	0	0	-1
AT4G12870	0	-1	0	0	0	0	0	0	0	-1
AT4G12880	1	0	0	1	0	0	0	0	0	1
AT4G12900	0	-1	0	0	0	0	0	0	0	-1
AT4G12910	0	0	0	0	0	0	-1	0	0	-1
AT4G12970	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G12980	0	0	0	0	0	0	-1	0	0	-1
AT4G13100	0	0	0	0	0	0	-1	0	0	-1
AT4G13170	0	-1	0	0	0	0	0	0	0	-1
AT4G13210	0	1	0	1	0	1	1	0	0	1
AT4G13220	-1	0	0	0	0	0	-1	0	0	-1
AT4G13320	0	0	0	-1	0	0	0	0	0	-1
AT4G13493	0	0	0	-1	0	0	0	-1	0	-1
AT4G13494	0	0	0	-1	0	0	0	-1	-1	-1
AT4G13495	0	-1	0	-1	0	0	0	-1	-1	-1
AT4G13500	0	0	0	0	0	0	-1	0	0	-1
AT4G13540	0	1	0	1	0	0	0	0	0	1
AT4G13564	0	0	0	-1	0	0	0	0	0	-1
AT4G13570	0	0	0	-1	0	0	0	0	0	-1
AT4G13575	0	0	0	-1	0	0	0	-1	0	-1
AT4G13580	0	0	0	1	0	0	1	0	0	1
AT4G13690	0	-1	0	0	0	0	0	0	0	-1
AT4G13790	0	1	1	1	1	1	1	0	0	1
AT4G13840	0	0	0	-1	0	0	0	0	0	-1
AT4G13880	0	0	0	-1	0	0	0	0	0	-1
AT4G14090	0	0	0	0	-1	0	0	0	0	-1
AT4G14130	0	1	1	1	1	0	1	1	1	1
AT4G14320	0	-1	0	0	0	0	0	0	0	-1
AT4G14380	0	1	0	1	0	0	0	0	0	1
AT4G14465	0	1	0	1	0	1	1	0	0	1
AT4G14480	0	-1	0	0	0	0	0	0	0	-1
AT4G14540	0	0	0	0	0	0	-1	0	0	-1
AT4G14630	0	0	0	-1	0	0	0	0	0	-1
AT4G14660	0	0	0	-1	0	0	0	0	0	-1
AT4G14723	0	-1	0	0	0	0	0	0	0	-1
AT4G14750	1	0	0	1	0	0	0	0	0	1
AT4G14790	0	-1	0	0	0	0	0	0	0	-1
AT4G15000	0	-1	0	0	0	0	0	0	0	-1
AT4G15140	0	-1	0	0	0	0	0	0	0	-1
AT4G15250	-1	0	0	0	0	0	0	0	0	-1
AT4G15258	0	0	0	-1	0	0	0	0	0	-1
AT4G15360	0	-1	0	0	0	0	0	0	0	-1
AT4G15393	0	0	0	-1	0	0	0	0	0	-1
AT4G15490	0	0	0	-1	0	0	0	0	0	-1
AT4G15500	0	-1	0	-1	0	0	0	0	0	-1
AT4G15510	0	-1	0	0	0	0	-1	0	0	-1
AT4G15560	0	0	0	0	0	0	-1	0	0	-1
AT4G15610	0	1	0	1	0	0	0	0	0	1
AT4G15620	0	-1	0	-1	0	0	-1	0	0	-1
AT4G15660	0	-1	0	0	0	0	0	0	0	-1
AT4G15670	0	0	0	1	0	0	0	1	0	1
AT4G15690	0	-1	0	0	0	0	0	0	0	-1
AT4G15770	0	-1	0	0	0	0	0	0	0	-1
AT4G15910	0	0	-1	-1	0	0	0	0	0	-1
AT4G15975	0	0	0	-1	0	0	0	0	0	-1
AT4G16015	0	0	0	-1	0	0	0	0	0	-1
AT4G16140	0	0	0	-1	0	0	-1	0	0	-1
AT4G16270	0	0	0	-1	0	0	0	0	0	-1
AT4G16370	0	0	0	-1	0	0	0	0	0	-1
AT4G16410	0	-1	0	-1	0	0	-1	0	0	-1
AT4G16442	0	1	0	1	0	1	1	0	0	1
AT4G16670	0	1	1	0	1	1	1	0	1	1
AT4G16690	0	0	0	0	0	0	-1	0	0	-1
AT4G16750	1	0	0	1	0	0	0	0	0	1
AT4G16780	1	1	1	1	1	1	1	0	0	1
AT4G16860	0	0	0	-1	0	0	0	0	-1	-1
AT4G16920	0	0	0	-1	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G16950	0	0	0	-1	0	0	-1	0	0	-1
AT4G16980	0	-1	0	0	0	0	0	0	0	-1
AT4G16990	0	0	0	-1	0	0	-1	0	0	-1
AT4G17090	0	0	0	0	-1	0	0	0	0	-1
AT4G17245	0	0	0	0	0	0	-1	0	0	-1
AT4G17280	0	0	0	1	0	0	1	0	0	1
AT4G17420	1	0	0	1	0	0	0	0	0	1
AT4G17470	0	-1	0	0	0	-1	-1	0	0	-1
AT4G17480	0	-1	0	0	0	0	0	0	0	-1
AT4G17490	0	0	0	0	0	0	0	-1	0	-1
AT4G17670	0	0	0	1	0	0	1	0	0	1
AT4G17695	1	0	0	0	1	0	0	0	0	1
AT4G17810	-1	0	0	0	0	0	-1	0	0	-1
AT4G18010	0	0	0	-1	0	0	0	0	0	-1
AT4G18100	0	-1	0	0	0	0	0	0	0	-1
AT4G18140	-1	0	0	0	0	0	0	0	0	-1
AT4G18170	0	-1	0	-1	0	0	0	0	0	-1
AT4G18250	0	0	0	-1	0	0	0	0	0	-1
AT4G18340	0	0	0	0	0	0	-1	0	0	-1
AT4G18370	0	0	0	0	0	0	-1	0	0	-1
AT4G18440	0	-1	0	0	0	0	0	0	0	-1
AT4G18480	0	-1	0	0	0	-1	-1	0	0	-1
AT4G18501	0	-1	0	0	0	0	0	0	0	-1
AT4G18570	0	0	0	-1	0	0	0	0	0	-1
AT4G18650	0	1	0	0	0	0	1	0	0	1
AT4G18690	0	1	0	1	0	0	0	0	0	1
AT4G18740	0	-1	0	-1	0	0	-1	0	-1	-1
AT4G18940	0	0	0	-1	0	0	0	0	0	-1
AT4G19030	0	-1	0	0	0	0	0	0	0	-1
AT4G19080	0	0	0	-1	0	0	0	0	0	-1
AT4G19120	0	1	0	1	0	0	1	0	0	1
AT4G19130	0	-1	0	0	0	0	0	0	0	-1
AT4G19170	0	-1	0	0	0	0	0	0	0	-1
AT4G19380	0	0	0	-1	0	0	0	0	0	-1
AT4G19420	0	0	0	0	0	0	-1	0	0	-1
AT4G19520	0	-1	0	0	0	0	0	0	0	-1
AT4G19530	0	-1	0	-1	0	0	-1	0	0	-1
AT4G19645	0	-1	0	0	0	0	0	0	0	-1
AT4G19690	0	0	0	-1	0	0	0	0	0	-1
AT4G19820	0	0	0	-1	0	0	0	0	0	-1
AT4G19830	0	0	0	0	0	0	-1	0	0	-1
AT4G19940	-1	0	0	0	0	0	0	0	0	-1
AT4G19970	0	-1	0	0	0	0	0	0	0	-1
AT4G20000	0	0	0	-1	0	0	0	-1	0	-1
AT4G20070	0	0	0	0	0	0	-1	0	0	-1
AT4G20210	0	-1	0	-1	0	0	0	0	0	-1
AT4G20230	0	-1	0	0	0	0	0	0	0	-1
AT4G20260	0	1	0	1	0	0	0	0	0	1
AT4G20390	0	-1	0	0	0	0	0	0	0	-1
AT4G20430	0	-1	0	0	0	0	0	0	0	-1
AT4G20510	0	0	0	-1	0	0	0	0	0	-1
AT4G21180	0	0	0	0	0	0	-1	0	0	-1
AT4G21210	0	0	0	0	0	0	-1	0	0	-1
AT4G21280	0	-1	-1	0	0	0	-1	0	0	-1
AT4G21380	0	0	0	-1	0	0	0	0	0	-1
AT4G21470	-1	0	0	0	0	0	0	0	0	-1
AT4G21650	0	0	0	-1	0	0	0	0	0	-1
AT4G21830	0	1	0	1	0	0	1	0	0	1
AT4G21850	0	0	1	1	0	0	1	0	0	1
AT4G21870	0	0	0	-1	0	0	-1	0	0	-1
AT4G21903	0	0	0	-1	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G21910	0	0	0	-1	0	0	0	0	0	-1
AT4G21926	0	-1	0	0	0	0	0	0	0	-1
AT4G22130	1	0	0	1	0	0	0	0	0	1
AT4G22200	0	0	0	0	0	0	-1	0	0	-1
AT4G22212	0	-1	0	-1	0	0	0	0	0	-1
AT4G22214	0	-1	0	0	0	0	0	0	0	-1
AT4G22380	0	-1	0	0	0	0	0	0	0	-1
AT4G22460	0	0	0	1	0	1	1	0	0	1
AT4G22485	0	0	0	-1	0	0	0	0	0	-1
AT4G22490	0	0	0	1	0	0	1	0	0	1
AT4G22505	0	0	0	-1	0	0	0	0	0	-1
AT4G22513	0	0	0	-1	0	0	0	0	0	-1
AT4G22570	0	-1	0	0	0	0	-1	0	0	-1
AT4G22690	0	-1	0	0	0	0	0	-1	0	-1
AT4G22710	0	0	0	0	0	0	-1	-1	0	-1
AT4G22730	0	-1	0	0	0	0	-1	0	0	-1
AT4G22753	0	-1	0	-1	0	0	-1	0	0	-1
AT4G22780	0	0	0	1	1	0	0	0	0	1
AT4G22890	0	0	0	0	0	0	-1	0	0	-1
AT4G22960	0	0	0	-1	0	0	0	0	0	-1
AT4G23130	0	0	0	-1	0	0	0	0	0	-1
AT4G23210	0	0	0	-1	0	0	0	0	0	-1
AT4G23280	0	0	0	0	0	0	0	-1	-1	-1
AT4G23290	0	-1	0	-1	-1	0	0	0	0	-1
AT4G23300	0	-1	0	-1	0	0	0	0	0	-1
AT4G23400	0	1	0	1	0	0	0	0	0	1
AT4G23560	0	0	0	1	0	0	0	0	1	1
AT4G23600	0	0	0	0	-1	0	0	0	0	-1
AT4G23670	0	0	0	0	0	-1	0	0	0	-1
AT4G23680	0	-1	0	0	0	-1	-1	0	0	-1
AT4G23690	0	0	0	1	0	0	1	0	0	1
AT4G23700	0	1	0	1	0	0	1	0	0	1
AT4G23800	0	-1	0	0	0	0	0	0	0	-1
AT4G23810	0	0	0	-1	0	0	0	0	0	-1
AT4G23870	1	1	0	0	0	0	0	0	0	1
AT4G23885	0	0	0	1	0	0	1	0	0	1
AT4G23890	0	0	0	0	0	0	-1	0	0	-1
AT4G24110	0	-1	0	0	0	0	0	0	0	-1
AT4G24120	0	0	0	0	0	0	-1	0	0	-1
AT4G24140	0	-1	0	0	0	0	0	0	0	-1
AT4G24150	0	0	0	1	0	0	1	0	0	1
AT4G24340	0	0	0	-1	0	0	-1	0	0	-1
AT4G24350	0	0	0	0	0	0	-1	0	0	-1
AT4G24450	0	0	0	-1	0	0	0	0	0	-1
AT4G24600	0	0	0	-1	0	0	0	0	0	-1
AT4G24660	0	-1	0	0	0	0	0	0	0	-1
AT4G24700	0	-1	0	0	0	0	-1	0	0	-1
AT4G24780	0	0	-1	-1	0	0	-1	0	0	-1
AT4G24810	0	0	0	0	0	0	-1	0	0	-1
AT4G24930	0	0	0	0	0	0	-1	0	0	-1
AT4G24972	0	-1	0	-1	0	0	0	0	0	-1
AT4G25010	0	-1	0	0	0	0	0	0	0	-1
AT4G25050	0	-1	0	-1	0	-1	-1	0	0	-1
AT4G25070	0	0	0	-1	0	0	0	0	0	-1
AT4G25080	0	0	0	0	0	0	-1	0	0	-1
AT4G25100	0	0	-1	0	0	0	0	0	0	-1
AT4G25260	1	1	1	1	1	1	1	1	0	1
AT4G25310	0	0	0	-1	0	0	0	0	0	-1
AT4G25315	0	0	0	-1	0	0	0	0	0	-1
AT4G25390	0	1	0	1	0	0	1	0	0	1
AT4G25420	0	0	0	1	1	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G25470	0	0	0	0	0	0	0	-1	0	-1
AT4G25580	0	1	1	0	0	0	0	0	0	1
AT4G25630	0	-1	0	0	0	0	0	0	0	-1
AT4G25707	0	0	0	-1	0	0	0	0	0	-1
AT4G25790	0	-1	0	0	0	0	0	0	0	-1
AT4G25810	0	1	0	1	0	0	0	0	0	1
AT4G25820	0	0	0	1	0	0	1	0	0	1
AT4G25890	0	-1	0	0	0	0	0	0	0	-1
AT4G25910	0	0	0	0	0	0	-1	0	0	-1
AT4G26150	0	-1	0	-1	0	0	0	0	0	-1
AT4G26220	0	-1	0	0	0	0	0	0	0	-1
AT4G26320	0	0	1	1	0	0	1	1	0	1
AT4G26390	0	0	0	1	0	1	0	0	0	1
AT4G26520	0	0	0	-1	0	0	-1	0	0	-1
AT4G26530	0	0	0	0	0	0	-1	0	0	-1
AT4G26555	0	0	0	0	0	0	-1	0	0	-1
AT4G26600	0	-1	0	0	0	0	0	0	0	-1
AT4G26780	0	-1	0	0	0	0	0	0	0	-1
AT4G26790	0	-1	0	0	0	0	0	0	0	-1
AT4G26890	0	1	0	1	0	0	0	0	0	1
AT4G26940	0	1	0	1	0	0	1	0	0	1
AT4G26960	0	-1	0	0	0	0	0	0	0	-1
AT4G27170	0	0	0	-1	0	0	0	0	0	-1
AT4G27300	0	0	0	0	0	0	-1	-1	0	-1
AT4G27310	0	1	0	1	0	1	0	0	0	1
AT4G27400	0	-1	0	0	0	0	0	0	0	-1
AT4G27460	0	1	0	1	0	1	0	0	0	1
AT4G27520	0	-1	-1	-1	0	-1	-1	0	0	-1
AT4G27670	0	-1	0	0	0	0	0	0	0	-1
AT4G27700	0	-1	0	0	0	0	-1	0	-1	-1
AT4G27710	0	0	0	0	0	0	-1	0	0	-1
AT4G27820	0	0	0	0	0	0	-1	0	0	-1
AT4G27860	0	0	0	-1	0	0	0	0	0	-1
AT4G27950	0	0	0	-1	0	0	0	0	0	-1
AT4G27980	0	0	0	-1	0	0	0	0	0	-1
AT4G28030	0	0	0	0	0	0	-1	0	0	-1
AT4G28080	0	0	0	0	0	0	-1	0	0	-1
AT4G28170	0	0	0	-1	0	0	0	0	0	-1
AT4G28180	0	0	0	-1	0	0	0	0	0	-1
AT4G28190	0	0	0	-1	0	0	-1	0	0	-1
AT4G28250	0	-1	0	0	0	0	0	0	0	-1
AT4G28350	0	1	0	1	0	0	0	0	0	1
AT4G28410	0	1	0	1	0	1	0	0	0	1
AT4G28420	0	0	0	-1	0	0	0	0	0	-1
AT4G28460	0	0	0	-1	0	0	0	-1	0	-1
AT4G28560	0	1	0	1	0	0	0	0	0	1
AT4G28660	0	0	-1	0	0	0	-1	0	0	-1
AT4G28680	0	-1	0	0	0	0	0	0	0	-1
AT4G28706	0	0	0	0	0	0	-1	0	0	-1
AT4G28720	1	0	0	1	1	0	0	0	0	1
AT4G28750	0	-1	-1	-1	0	-1	-1	0	-1	-1
AT4G28780	0	-1	0	-1	0	-1	-1	0	0	-1
AT4G28950	0	-1	0	0	0	0	0	0	0	-1
AT4G29030	0	-1	0	0	0	0	0	0	0	-1
AT4G29140	0	1	0	1	0	0	1	0	0	1
AT4G29270	0	0	1	1	0	0	1	1	0	1
AT4G29370	0	0	0	-1	0	0	0	0	0	-1
AT4G29690	0	0	0	1	0	0	1	0	0	1
AT4G29700	0	0	0	1	0	0	1	1	0	1
AT4G29905	0	0	0	0	0	0	0	-1	0	-1
AT4G30060	0	1	0	1	0	0	1	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G30170	0	0	0	1	0	0	1	0	0	1
AT4G30180	0	1	0	1	0	1	0	0	0	1
AT4G30230	0	-1	0	0	0	0	0	0	0	-1
AT4G30280	0	0	0	1	0	0	1	0	0	1
AT4G30410	0	1	1	1	0	0	0	0	0	1
AT4G30440	0	0	0	0	0	0	-1	0	0	-1
AT4G30470	1	0	0	1	0	0	0	0	0	1
AT4G30690	0	0	0	0	0	0	-1	0	0	-1
AT4G30800	0	-1	0	0	0	0	0	0	0	-1
AT4G30810	0	0	0	0	0	0	-1	0	0	-1
AT4G30990	0	0	0	-1	0	0	0	0	0	-1
AT4G31000	0	1	0	1	0	0	0	0	0	1
AT4G31320	0	-1	0	0	0	0	0	0	0	-1
AT4G31351	0	0	0	0	0	0	0	-1	0	-1
AT4G31370	0	1	0	1	0	0	0	0	0	1
AT4G31380	0	1	0	1	0	1	0	0	1	1
AT4G31610	0	1	0	1	0	0	0	0	0	1
AT4G31700	0	-1	0	0	0	0	0	0	0	-1
AT4G31760	0	-1	0	0	0	0	0	0	0	-1
AT4G31805	0	-1	0	0	0	0	-1	0	0	-1
AT4G31830	0	1	0	0	0	0	1	0	0	1
AT4G31840	0	-1	0	0	0	0	0	0	0	-1
AT4G31900	0	-1	0	0	0	0	0	0	0	-1
AT4G31940	0	0	0	-1	0	0	0	0	0	-1
AT4G31950	0	0	0	-1	0	0	0	0	-1	-1
AT4G31970	0	0	0	-1	0	0	0	0	-1	-1
AT4G32070	0	0	0	1	0	0	1	0	0	1
AT4G32260	0	0	0	0	0	0	-1	0	0	-1
AT4G32280	1	1	0	1	1	1	1	0	1	1
AT4G32340	0	0	0	-1	0	0	0	0	0	-1
AT4G32350	1	0	0	1	0	0	0	0	0	1
AT4G32500	0	1	0	1	0	1	0	0	0	1
AT4G32590	0	0	0	0	0	0	-1	0	0	-1
AT4G32800	0	-1	0	0	0	0	0	0	0	-1
AT4G32950	0	1	0	1	0	0	0	0	0	1
AT4G32980	0	0	0	-1	0	0	0	0	0	-1
AT4G33000	0	0	0	-1	0	0	-1	0	0	-1
AT4G33010	0	0	0	0	0	0	-1	0	0	-1
AT4G33040	1	0	0	1	0	0	1	0	0	1
AT4G33070	0	-1	0	0	0	0	0	0	0	-1
AT4G33260	1	0	0	1	0	0	0	0	0	1
AT4G33470	0	0	0	0	0	0	-1	0	0	-1
AT4G33540	-1	0	0	0	0	0	0	0	0	-1
AT4G33550	0	0	0	1	0	0	0	1	0	1
AT4G33660	0	-1	0	0	0	0	-1	0	0	-1
AT4G33905	0	-1	0	0	0	0	0	0	0	-1
AT4G34090	0	0	0	0	0	0	-1	0	0	-1
AT4G34131	0	0	0	0	0	0	-1	0	0	-1
AT4G34160	0	0	0	0	0	0	-1	0	0	-1
AT4G34190	0	-1	0	0	0	0	0	0	0	-1
AT4G34220	0	-1	0	-1	0	0	-1	0	0	-1
AT4G34290	0	0	-1	0	0	0	0	0	0	-1
AT4G34419	0	-1	0	0	0	0	0	0	0	-1
AT4G34440	-1	0	0	0	0	0	0	0	0	-1
AT4G34510	0	-1	0	0	0	0	0	0	0	-1
AT4G34530	0	1	0	0	0	1	0	0	0	1
AT4G34540	0	0	0	-1	0	0	0	0	0	-1
AT4G34590	0	0	0	0	0	0	-1	0	0	-1
AT4G34610	0	-1	0	0	0	-1	-1	0	0	-1
AT4G34740	0	-1	0	0	0	0	0	0	0	-1
AT4G34770	1	1	0	1	1	1	1	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G34790	0	-1	0	0	0	0	0	0	0	-1
AT4G34930	0	0	0	0	0	0	-1	0	0	-1
AT4G34950	0	-1	0	-1	0	-1	0	0	0	-1
AT4G34980	0	0	0	0	0	0	-1	0	0	-1
AT4G35070	0	0	0	1	0	1	0	0	0	1
AT4G35190	0	1	0	1	0	1	0	0	0	1
AT4G35250	0	0	0	0	0	0	-1	0	0	-1
AT4G35320	1	0	0	1	0	0	0	0	0	1
AT4G35560	0	0	0	1	0	0	1	0	0	1
AT4G35720	0	1	1	1	1	1	1	0	1	1
AT4G35730	0	-1	0	0	0	0	0	0	0	-1
AT4G35770	0	1	0	0	0	0	1	0	0	1
AT4G35810	0	0	0	-1	0	0	0	0	0	-1
AT4G35930	0	-1	0	0	0	0	0	0	0	-1
AT4G36010	0	1	0	1	0	0	1	0	0	1
AT4G36110	0	1	1	1	1	0	1	0	0	1
AT4G36220	0	-1	0	0	0	0	-1	0	0	-1
AT4G36240	0	-1	0	0	0	0	0	0	0	-1
AT4G36360	1	0	0	1	0	0	0	1	0	1
AT4G36600	0	-1	0	0	0	0	0	0	0	-1
AT4G36610	0	-1	0	0	0	0	0	0	0	-1
AT4G36700	0	-1	0	0	0	0	0	0	0	-1
AT4G36770	0	-1	0	0	0	0	0	0	0	-1
AT4G36830	0	-1	0	0	0	0	0	0	0	-1
AT4G37050	0	1	0	1	0	0	0	0	0	1
AT4G37080	0	0	0	0	0	0	-1	0	0	-1
AT4G37150	0	-1	0	0	0	0	-1	0	0	-1
AT4G37160	0	-1	0	0	0	0	0	0	0	-1
AT4G37235	0	-1	0	0	0	0	0	0	0	-1
AT4G37240	0	0	0	1	0	0	1	0	0	1
AT4G37290	0	0	0	0	0	0	0	-1	0	-1
AT4G37295	0	-1	0	0	0	0	0	0	0	-1
AT4G37300	0	0	0	0	0	0	-1	0	0	-1
AT4G37370	0	0	0	-1	0	0	0	0	0	-1
AT4G37430	0	-1	0	0	0	0	0	0	0	-1
AT4G37470	0	-1	0	-1	0	0	-1	0	0	-1
AT4G37490	0	-1	0	0	0	0	0	0	0	-1
AT4G37530	0	0	0	1	0	0	1	0	0	1
AT4G37540	0	0	0	0	0	0	-1	0	0	-1
AT4G37550	0	0	0	0	0	0	-1	0	0	-1
AT4G37560	0	0	0	0	0	0	-1	0	0	-1
AT4G37580	0	0	0	1	0	1	0	0	0	1
AT4G37670	0	0	0	-1	0	0	0	0	0	-1
AT4G37740	0	1	0	1	0	1	1	0	0	1
AT4G37760	0	1	0	0	0	0	1	0	0	1
AT4G37770	1	1	0	1	1	0	0	0	0	1
AT4G37800	0	-1	-1	-1	0	0	-1	0	0	-1
AT4G37810	0	-1	0	-1	0	0	0	0	0	-1
AT4G37850	0	0	0	-1	0	0	0	0	0	-1
AT4G37890	0	0	0	1	1	0	0	0	0	1
AT4G37930	0	0	0	0	0	0	-1	0	0	-1
AT4G38080	0	-1	0	0	0	0	0	0	0	-1
AT4G38100	0	-1	0	0	0	0	0	0	0	-1
AT4G38400	1	1	1	1	0	0	1	0	0	1
AT4G38410	0	0	0	-1	0	0	0	0	0	-1
AT4G38420	0	0	0	0	0	0	-1	0	0	-1
AT4G38560	0	0	0	-1	0	0	0	0	0	-1
AT4G38580	0	1	0	1	0	0	1	0	0	1
AT4G38690	0	0	0	0	0	0	-1	0	0	-1
AT4G38700	0	-1	0	0	0	0	0	0	0	-1
AT4G38740	0	0	0	-1	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT4G38840	0	-1	0	-1	0	-1	-1	0	0	-1
AT4G38970	0	-1	0	0	0	-1	-1	0	0	-1
AT4G39110	0	0	0	-1	0	0	0	0	0	-1
AT4G39235	0	0	0	0	0	0	-1	0	0	-1
AT4G39300	0	-1	0	0	0	0	0	0	0	-1
AT4G39330	0	0	0	0	0	0	-1	0	0	-1
AT4G39480	0	-1	0	0	0	0	0	0	0	-1
AT4G39510	0	-1	-1	0	0	-1	-1	0	0	-1
AT4G39710	0	0	-1	0	0	0	-1	0	0	-1
AT4G39740	0	-1	0	0	0	0	0	0	0	-1
AT4G39900	0	0	0	0	0	0	0	-1	0	-1
AT4G39940	0	0	0	-1	0	0	0	0	-1	-1
AT4G39950	0	0	0	-1	0	0	0	0	-1	-1
AT4G39970	0	0	0	0	0	0	-1	0	0	-1
AT4G40090	0	0	0	1	0	0	1	0	0	1
AT5G01050	0	0	0	0	0	0	-1	0	0	-1
AT5G01240	0	0	0	0	0	0	-1	0	0	-1
AT5G01320	0	0	0	1	0	0	1	0	0	1
AT5G01330	0	1	0	1	0	1	0	0	0	1
AT5G01420	0	-1	0	0	0	0	0	0	0	-1
AT5G01520	0	0	0	1	0	0	1	0	0	1
AT5G01530	0	-1	0	0	0	-1	-1	0	0	-1
AT5G01790	0	1	0	1	0	0	1	0	0	1
AT5G02020	0	1	0	1	0	0	0	0	0	1
AT5G02050	0	-1	0	0	0	0	0	0	0	-1
AT5G02120	0	0	0	0	0	0	-1	0	0	-1
AT5G02160	0	0	0	0	0	-1	-1	0	0	-1
AT5G02200	1	1	0	1	0	0	1	0	0	1
AT5G02230	1	1	0	1	0	0	0	0	0	1
AT5G02440	-1	0	0	0	0	0	-1	0	0	-1
AT5G02490	0	-1	0	0	0	0	0	0	0	-1
AT5G02540	1	1	1	1	1	1	1	0	1	1
AT5G02580	0	1	1	1	0	1	1	0	1	1
AT5G02780	0	0	0	0	0	0	0	0	-1	-1
AT5G02810	0	0	0	0	0	0	-1	0	0	-1
AT5G02830	0	0	0	0	0	0	-1	0	0	-1
AT5G02840	0	0	0	0	0	0	-1	0	0	-1
AT5G02890	1	0	0	0	0	0	0	1	0	1
AT5G02940	0	0	0	0	0	0	-1	0	0	-1
AT5G03150	1	0	0	0	1	0	0	0	0	1
AT5G03160	0	0	0	0	0	-1	0	0	0	-1
AT5G03210	0	1	0	1	0	0	0	0	0	1
AT5G03230	1	0	0	0	0	0	1	0	0	1
AT5G03390	0	-1	0	0	0	0	0	0	0	-1
AT5G03555	0	0	0	-1	0	0	-1	0	0	-1
AT5G03570	0	0	0	-1	0	0	0	0	0	-1
AT5G03760	1	0	0	1	0	0	0	0	0	1
AT5G03790	0	0	0	-1	0	0	0	0	0	-1
AT5G03840	0	-1	0	0	0	0	0	0	0	-1
AT5G03995	0	0	0	-1	0	0	0	0	0	-1
AT5G04120	0	1	1	0	0	1	1	0	0	1
AT5G04140	0	0	0	0	0	0	-1	0	0	-1
AT5G04180	0	0	0	-1	0	0	0	0	0	-1
AT5G04230	0	-1	0	-1	0	0	0	0	0	-1
AT5G04470	0	0	0	1	0	0	1	0	0	1
AT5G04490	-1	0	0	0	0	0	-1	0	0	-1
AT5G04530	0	0	0	0	0	0	-1	0	0	-1
AT5G04690	0	0	0	-1	0	0	0	0	0	-1
AT5G04770	0	1	0	0	0	0	1	0	0	1
AT5G04950	0	-1	0	-1	0	0	0	0	0	-1
AT5G05250	0	0	0	-1	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G05270	0	-1	0	0	0	0	0	0	0	-1
AT5G05290	0	0	-1	0	0	0	0	0	0	-1
AT5G05420	0	0	0	-1	0	0	0	0	0	-1
AT5G05430	0	0	0	-1	0	0	0	0	0	-1
AT5G05730	0	0	0	0	0	0	0	0	-1	-1
AT5G05900	0	-1	0	0	0	0	0	0	0	-1
AT5G05940	0	-1	0	0	0	0	0	0	0	-1
AT5G05960	0	-1	0	0	0	0	0	0	0	-1
AT5G05965	0	1	0	1	0	1	0	0	0	1
AT5G06200	0	0	0	1	0	0	1	0	0	1
AT5G06530	0	0	0	-1	0	0	-1	0	0	-1
AT5G06570	0	1	0	0	0	1	0	0	0	1
AT5G06640	0	1	0	1	0	0	1	0	0	1
AT5G06790	0	-1	0	-1	0	0	0	0	0	-1
AT5G06870	0	0	0	-1	0	0	0	0	0	-1
AT5G06930	1	0	0	0	1	0	0	0	0	1
AT5G06980	0	0	0	0	0	0	-1	0	0	-1
AT5G07000	1	0	1	1	1	0	0	0	0	1
AT5G07010	1	1	1	1	1	1	1	0	1	1
AT5G07030	0	1	1	1	0	1	1	0	0	1
AT5G07110	1	0	0	1	0	0	0	0	0	1
AT5G07200	0	1	0	1	0	0	1	0	0	1
AT5G07240	0	-1	0	-1	0	-1	-1	0	0	-1
AT5G07475	0	-1	0	0	0	0	0	0	0	-1
AT5G07800	0	-1	0	0	0	0	0	0	0	-1
AT5G07860	0	0	0	0	0	0	-1	0	0	-1
AT5G08030	-1	-1	0	0	0	0	0	0	0	-1
AT5G08050	0	-1	0	0	0	0	-1	0	0	-1
AT5G08130	0	1	0	0	0	0	1	0	0	1
AT5G08280	0	0	0	0	0	-1	0	0	0	-1
AT5G08410	0	0	0	0	0	0	-1	0	0	-1
AT5G08490	0	-1	0	0	0	0	0	0	0	-1
AT5G08565	-1	0	0	0	0	0	0	0	0	-1
AT5G08640	0	-1	0	0	0	0	-1	0	0	-1
AT5G08760	0	0	0	0	0	0	0	-1	0	-1
AT5G09220	0	0	0	-1	0	0	0	0	0	-1
AT5G09370	0	1	0	0	0	1	0	0	0	1
AT5G09480	0	-1	0	0	0	0	0	0	0	-1
AT5G09520	0	-1	0	0	0	0	0	0	0	-1
AT5G09530	0	-1	0	0	0	0	0	0	0	-1
AT5G09570	0	-1	0	0	0	0	0	0	0	-1
AT5G09585	0	-1	0	-1	0	0	0	0	0	-1
AT5G09650	0	0	0	0	0	-1	0	0	0	-1
AT5G09660	0	0	0	0	0	0	-1	0	0	-1
AT5G09670	0	0	0	-1	0	0	0	0	0	-1
AT5G09910	0	-1	0	0	0	0	0	0	0	-1
AT5G10120	0	0	0	-1	0	0	0	0	0	-1
AT5G10130	0	-1	0	0	0	0	0	0	0	-1
AT5G10150	0	-1	0	-1	0	0	0	-1	0	-1
AT5G10180	0	1	0	0	0	0	1	0	0	1
AT5G10390	0	-1	0	0	0	0	0	0	0	-1
AT5G10430	0	1	0	1	0	0	1	1	0	1
AT5G10570	0	-1	0	-1	0	0	0	-1	0	-1
AT5G10690	0	0	0	0	0	0	-1	0	0	-1
AT5G10720	0	1	0	0	0	0	1	0	0	1
AT5G10770	0	0	0	1	0	1	0	1	0	1
AT5G10850	0	-1	0	0	0	0	0	0	0	-1
AT5G10890	0	-1	0	0	0	0	0	0	0	-1
AT5G10945	0	0	0	-1	0	0	0	0	0	-1
AT5G10946	0	0	0	-1	0	0	0	0	0	-1
AT5G10990	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G11000	0	0	0	1	0	0	1	0	0	1
AT5G11060	0	-1	0	0	0	0	0	0	0	-1
AT5G11070	0	0	-1	-1	0	0	-1	0	0	-1
AT5G11100	0	1	0	1	0	0	0	0	0	1
AT5G11140	0	0	0	-1	0	0	0	-1	0	-1
AT5G11240	0	-1	0	0	0	0	0	0	0	-1
AT5G11260	0	1	0	0	0	0	1	0	0	1
AT5G11320	0	0	0	-1	0	0	0	0	0	-1
AT5G11412	0	-1	0	-1	0	0	0	0	0	-1
AT5G11450	0	0	-1	0	0	0	0	0	0	-1
AT5G11590	0	-1	0	0	0	0	0	0	0	-1
AT5G11920	0	1	0	1	0	0	1	0	0	1
AT5G11970	1	0	0	1	0	0	0	0	0	1
AT5G12110	0	-1	0	0	0	0	-1	0	0	-1
AT5G12250	1	0	0	1	0	0	0	0	0	1
AT5G12860	0	-1	0	0	0	0	-1	0	0	-1
AT5G12940	1	0	1	1	0	0	1	0	0	1
AT5G13210	0	-1	0	-1	0	0	0	0	0	-1
AT5G13230	0	0	0	-1	0	0	0	0	0	-1
AT5G13270	0	-1	0	0	0	0	0	0	0	-1
AT5G13320	1	1	0	0	0	0	0	0	0	1
AT5G13630	0	-1	-1	0	0	0	-1	0	0	-1
AT5G13720	0	0	0	0	0	0	-1	0	0	-1
AT5G13730	0	0	0	0	0	0	-1	0	0	-1
AT5G13770	0	-1	-1	0	0	0	-1	0	-1	-1
AT5G13870	0	0	0	1	0	0	1	0	0	1
AT5G13930	0	-1	-1	-1	-1	0	0	0	0	-1
AT5G14060	0	-1	0	-1	0	0	0	0	0	-1
AT5G14100	0	-1	0	0	0	0	0	0	0	-1
AT5G14110	0	-1	0	0	0	0	0	0	0	-1
AT5G14120	0	0	0	0	0	0	-1	0	0	-1
AT5G14200	0	-1	0	0	0	0	0	0	-1	-1
AT5G14240	0	0	0	0	0	0	0	-1	0	-1
AT5G14320	0	0	0	0	0	-1	0	0	0	-1
AT5G14360	0	1	0	0	0	1	0	0	0	1
AT5G14370	0	0	0	-1	0	0	0	0	0	-1
AT5G14410	0	0	0	0	0	0	-1	0	0	-1
AT5G14450	0	-1	0	-1	0	0	-1	0	0	-1
AT5G14510	0	0	0	-1	0	0	0	0	0	-1
AT5G14580	0	-1	0	0	0	0	0	0	0	-1
AT5G14650	0	0	0	-1	0	0	0	0	0	-1
AT5G14730	0	0	0	0	0	0	-1	0	0	-1
AT5G14780	0	1	0	0	0	0	1	0	0	1
AT5G14830	0	0	0	-1	0	0	0	0	0	-1
AT5G14920	1	1	0	0	0	0	1	0	0	1
AT5G15150	1	1	1	1	0	0	1	0	0	1
AT5G15230	0	0	0	1	0	0	0	1	0	1
AT5G15265	0	0	0	1	0	0	0	0	1	1
AT5G15310	0	-1	0	-1	0	0	-1	0	0	-1
AT5G15420	0	0	0	-1	0	0	0	0	0	-1
AT5G15490	1	0	0	1	0	0	1	0	0	1
AT5G15580	1	0	0	0	1	0	0	0	0	1
AT5G15720	0	0	0	1	0	1	0	0	0	1
AT5G15830	0	1	0	0	0	0	1	0	0	1
AT5G15850	0	0	0	0	0	0	-1	-1	0	-1
AT5G15960	1	0	0	0	0	0	1	0	0	1
AT5G16010	0	0	0	0	0	0	-1	0	0	-1
AT5G16030	0	-1	0	-1	0	-1	-1	0	0	-1
AT5G16190	0	0	0	0	0	0	-1	0	0	-1
AT5G16240	0	0	0	0	0	0	-1	0	0	-1
AT5G16360	0	1	0	1	0	0	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G16400	0	0	0	0	0	0	-1	0	0	-1
AT5G16540	0	0	0	0	0	0	-1	0	0	-1
AT5G16590	0	0	0	1	0	0	1	0	0	1
AT5G16810	0	0	0	0	0	0	-1	0	0	-1
AT5G16980	0	0	0	0	0	0	-1	0	0	-1
AT5G17170	0	0	0	0	0	0	-1	0	0	-1
AT5G17220	0	0	0	0	-1	0	0	-1	-1	-1
AT5G17230	0	-1	-1	0	0	0	-1	0	-1	-1
AT5G17300	0	0	0	-1	-1	0	-1	0	0	-1
AT5G17590	0	-1	0	0	0	0	0	0	0	-1
AT5G17670	0	0	0	0	0	0	-1	0	0	-1
AT5G17780	0	0	0	1	0	0	0	1	0	1
AT5G17850	0	1	0	1	0	0	1	0	0	1
AT5G17880	0	0	0	-1	0	0	0	0	0	-1
AT5G18000	0	1	0	0	0	1	0	0	0	1
AT5G18010	0	1	0	1	0	0	0	0	0	1
AT5G18030	0	1	0	1	0	0	0	0	0	1
AT5G18060	1	1	1	1	1	0	1	0	0	1
AT5G18140	0	0	0	0	0	0	-1	0	0	-1
AT5G18340	0	0	0	-1	0	0	0	0	0	-1
AT5G18430	0	-1	0	0	0	0	0	0	0	-1
AT5G18600	0	0	0	0	0	0	-1	0	0	-1
AT5G18660	0	-1	-1	0	0	0	-1	0	0	-1
AT5G18690	0	0	0	1	0	0	1	0	0	1
AT5G18770	0	0	0	-1	0	0	0	0	0	-1
AT5G18840	0	0	0	-1	0	0	0	0	0	-1
AT5G18850	0	0	0	0	0	0	-1	0	0	-1
AT5G19120	0	0	0	0	0	0	-1	0	0	-1
AT5G19210	0	-1	0	0	0	0	0	0	0	-1
AT5G19220	0	0	0	0	0	0	-1	0	0	-1
AT5G19230	0	1	0	1	0	0	0	0	0	1
AT5G19500	0	-1	0	-1	0	0	-1	0	0	-1
AT5G19520	0	0	0	-1	0	0	0	0	0	-1
AT5G19600	0	1	0	1	0	0	0	0	0	1
AT5G19750	0	-1	0	0	0	0	0	0	0	-1
AT5G19875	0	1	0	1	0	0	0	0	0	1
AT5G19880	0	0	0	-1	0	0	0	0	0	-1
AT5G19940	0	-1	-1	0	0	0	-1	0	0	-1
AT5G20160	0	-1	0	0	0	0	0	0	0	-1
AT5G20220	0	0	0	-1	0	0	-1	0	0	-1
AT5G20230	0	0	0	-1	0	0	0	-1	0	-1
AT5G20320	0	0	0	0	0	0	-1	0	0	-1
AT5G20630	0	-1	0	0	0	-1	0	0	0	-1
AT5G20635	0	0	0	-1	0	0	0	0	0	-1
AT5G20670	0	1	0	1	0	0	0	0	0	1
AT5G20710	0	0	0	1	0	0	1	0	0	1
AT5G20935	0	0	0	0	0	0	-1	0	0	-1
AT5G21430	0	-1	0	0	0	0	0	0	-1	-1
AT5G21482	0	-1	0	-1	0	0	0	0	0	-1
AT5G22100	0	-1	0	0	0	0	0	0	0	-1
AT5G22270	0	0	0	0	0	0	-1	0	0	-1
AT5G22310	1	1	0	0	0	0	0	0	0	1
AT5G22355	0	1	0	1	0	0	0	0	0	1
AT5G22390	0	-1	0	-1	0	0	-1	0	0	-1
AT5G22440	0	-1	0	0	0	0	0	0	0	-1
AT5G22500	1	1	1	1	1	0	1	0	0	1
AT5G22520	0	0	0	0	0	0	0	-1	0	-1
AT5G22530	0	0	0	0	0	0	0	-1	0	-1
AT5G22555	0	-1	0	0	0	0	0	0	-1	-1
AT5G22580	1	0	0	1	1	0	0	0	0	1
AT5G22620	0	0	0	0	0	0	-1	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G22920	0	0	0	0	0	0	-1	0	0	-1
AT5G23060	0	-1	-1	-1	0	0	-1	0	-1	-1
AT5G23070	0	-1	0	0	0	0	0	0	0	-1
AT5G23120	0	0	0	0	0	0	-1	0	0	-1
AT5G23155	0	0	0	-1	0	0	0	0	0	-1
AT5G23170	0	-1	0	0	0	0	0	0	0	-1
AT5G23220	0	0	0	1	0	0	1	0	0	1
AT5G23350	0	1	0	1	0	0	0	0	0	1
AT5G23730	0	0	0	0	0	0	1	1	0	1
AT5G23750	1	1	0	1	0	0	0	0	0	1
AT5G23820	0	-1	0	-1	0	-1	0	0	0	-1
AT5G23830	0	-1	0	-1	0	0	0	0	0	-1
AT5G23870	0	1	1	0	0	0	0	0	0	1
AT5G24000	0	0	0	0	0	0	-1	0	0	-1
AT5G24070	0	-1	0	0	0	0	0	0	0	-1
AT5G24100	0	0	0	1	0	0	1	0	0	1
AT5G24110	0	0	0	-1	0	0	0	-1	-1	-1
AT5G24130	0	-1	0	0	0	0	0	0	0	-1
AT5G24190	0	-1	0	0	0	0	0	0	0	-1
AT5G24420	-1	-1	-1	0	-1	0	0	0	0	-1
AT5G24580	0	1	1	1	0	1	1	0	0	1
AT5G24640	0	0	0	-1	0	0	0	0	0	-1
AT5G24670	0	0	0	-1	0	0	0	0	0	-1
AT5G24800	0	0	0	-1	0	0	0	0	0	-1
AT5G24825	0	0	0	-1	0	0	0	0	0	-1
AT5G24910	0	1	0	1	0	0	1	0	0	1
AT5G24920	0	0	0	-1	0	0	0	0	0	-1
AT5G25010	0	-1	0	0	0	0	0	0	0	-1
AT5G25040	0	-1	0	-1	0	0	0	0	0	-1
AT5G25090	0	-1	0	0	0	0	0	0	0	-1
AT5G25110	0	1	1	1	0	0	0	0	0	1
AT5G25140	0	1	0	1	0	0	0	0	0	1
AT5G25180	0	1	0	0	0	0	1	0	0	1
AT5G25190	1	0	0	0	1	0	0	0	0	1
AT5G25460	1	1	0	1	0	0	0	0	0	1
AT5G25610	1	0	0	1	0	0	0	0	0	1
AT5G25630	0	0	0	0	0	0	-1	0	0	-1
AT5G25840	0	-1	0	0	0	0	-1	0	0	-1
AT5G25900	-1	0	0	0	0	0	0	0	0	-1
AT5G26000	0	0	0	0	0	0	-1	0	0	-1
AT5G26170	0	-1	0	-1	0	0	0	0	0	-1
AT5G26200	0	0	0	0	0	0	-1	0	0	-1
AT5G26240	0	0	0	-1	0	0	0	0	0	-1
AT5G26270	1	0	1	1	0	0	0	0	0	1
AT5G26280	0	0	0	0	0	-1	0	0	0	-1
AT5G26582	0	0	0	-1	0	0	0	0	0	-1
AT5G26670	0	0	0	1	0	0	1	0	0	1
AT5G26790	0	-1	0	0	0	0	-1	0	0	-1
AT5G26800	0	0	0	-1	0	0	0	0	0	-1
AT5G26820	0	0	0	0	0	0	-1	0	0	-1
AT5G26920	0	0	0	-1	0	0	0	-1	0	-1
AT5G26980	0	0	0	-1	0	0	0	0	0	-1
AT5G27000	0	0	0	1	0	0	1	0	0	1
AT5G27100	0	0	0	-1	0	0	0	0	0	-1
AT5G27110	0	0	0	-1	0	0	0	0	0	-1
AT5G27220	0	1	0	1	0	0	0	0	0	1
AT5G27240	0	0	0	-1	0	0	0	0	0	-1
AT5G27247	0	0	0	-1	0	0	0	0	0	-1
AT5G27250	0	0	0	-1	0	0	0	0	0	-1
AT5G27290	0	-1	0	0	0	0	-1	0	0	-1
AT5G27330	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G27350	0	0	0	0	0	0	-1	0	0	-1
AT5G27360	0	-1	0	0	0	0	-1	0	0	-1
AT5G27770	0	-1	0	0	0	0	0	0	0	-1
AT5G27850	0	-1	0	0	0	0	0	0	0	-1
AT5G27889	0	0	0	-1	0	0	0	0	0	-1
AT5G27890	0	0	0	-1	0	0	0	0	0	-1
AT5G27895	0	0	0	-1	0	0	0	0	0	-1
AT5G28010	0	0	0	0	0	-1	0	0	0	-1
AT5G28020	0	0	0	1	0	0	1	0	0	1
AT5G28050	0	0	0	-1	0	0	0	0	0	-1
AT5G28080	0	1	0	1	0	0	1	0	0	1
AT5G28145	0	0	0	-1	0	0	0	0	0	-1
AT5G28263	0	0	0	-1	0	0	0	0	0	-1
AT5G28470	-1	0	0	0	0	0	0	0	0	-1
AT5G28610	0	0	0	-1	0	0	0	0	0	-1
AT5G28622	0	0	0	-1	0	0	0	0	0	-1
AT5G28770	0	0	0	0	0	0	-1	0	0	-1
AT5G28773	0	-1	0	0	0	0	0	0	0	-1
AT5G28919	0	0	0	-1	0	0	0	0	0	-1
AT5G28960	0	-1	0	0	0	0	0	0	0	-1
AT5G33390	0	0	0	-1	0	0	0	0	0	-1
AT5G33395	0	0	0	-1	0	0	0	0	0	-1
AT5G34795	0	0	0	-1	0	0	0	0	0	-1
AT5G34871	0	0	0	-1	0	0	0	0	0	-1
AT5G35170	0	0	0	0	0	0	-1	0	0	-1
AT5G35407	0	0	0	-1	0	0	0	0	0	-1
AT5G35420	0	-1	0	0	0	0	0	0	0	-1
AT5G35450	0	0	0	-1	0	0	0	0	0	-1
AT5G35480	0	0	0	0	0	-1	0	0	0	-1
AT5G35525	0	1	0	1	0	0	0	0	0	1
AT5G35777	0	0	0	-1	0	0	0	0	0	-1
AT5G35790	0	0	0	0	0	0	-1	0	0	-1
AT5G35914	0	0	0	-1	0	0	0	0	0	-1
AT5G35935	0	0	0	-1	0	0	0	-1	0	-1
AT5G35970	0	-1	0	-1	0	0	-1	0	0	-1
AT5G36120	0	-1	0	0	0	0	0	0	0	-1
AT5G36220	0	0	0	-1	0	0	0	0	0	-1
AT5G36270	0	-1	0	0	0	0	0	0	0	-1
AT5G36790	0	-1	0	0	0	0	-1	0	0	-1
AT5G36930	0	0	0	-1	0	0	0	0	0	-1
AT5G37160	-1	0	0	0	0	0	0	0	0	-1
AT5G37300	0	1	0	1	0	0	1	0	0	1
AT5G37360	0	0	0	0	0	0	-1	0	0	-1
AT5G37440	0	0	0	-1	0	0	0	0	0	-1
AT5G37450	0	0	0	-1	0	0	0	0	0	-1
AT5G37485	0	0	0	-1	0	0	0	0	0	-1
AT5G37490	0	0	0	-1	0	0	0	0	0	-1
AT5G37500	0	1	0	1	0	0	0	0	0	1
AT5G37550	0	0	0	1	0	0	1	0	0	1
AT5G37670	0	0	0	0	-1	0	0	0	0	-1
AT5G37790	1	0	0	0	0	0	1	0	0	1
AT5G37970	0	1	0	0	0	0	1	0	0	1
AT5G38030	0	-1	0	-1	0	0	0	0	0	-1
AT5G38070	0	-1	0	0	0	0	0	0	0	-1
AT5G38160	0	0	0	-1	0	0	0	0	0	-1
AT5G38280	0	1	0	1	0	0	0	0	0	1
AT5G38344	0	0	0	-1	0	0	0	0	0	-1
AT5G38350	0	0	0	-1	0	0	0	0	0	-1
AT5G38410	0	0	0	0	0	-1	0	0	0	-1
AT5G38430	0	-1	0	0	0	-1	0	0	-1	-1
AT5G38510	0	0	0	0	0	0	-1	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G38520	0	0	0	0	0	0	-1	0	0	-1
AT5G38530	-1	0	0	0	0	0	0	0	0	-1
AT5G38550	0	0	0	1	0	0	1	0	0	1
AT5G38710	0	0	1	1	0	0	0	0	0	1
AT5G38780	0	0	0	1	0	0	1	0	0	1
AT5G38820	0	0	0	-1	0	0	0	0	0	-1
AT5G38890	0	-1	0	0	0	0	0	0	0	-1
AT5G38900	0	0	0	-1	0	0	0	0	-1	-1
AT5G38980	0	-1	0	-1	0	0	-1	0	0	-1
AT5G38990	0	0	0	-1	0	-1	-1	0	0	-1
AT5G39000	0	0	0	-1	0	0	0	0	0	-1
AT5G39060	0	0	0	-1	0	0	0	0	0	-1
AT5G39080	-1	0	0	0	0	0	0	0	0	-1
AT5G39100	0	0	0	-1	0	0	0	0	0	-1
AT5G39120	0	0	0	-1	0	0	0	0	0	-1
AT5G39130	0	0	0	-1	0	0	0	0	0	-1
AT5G39160	0	0	0	-1	0	0	0	0	0	-1
AT5G39190	0	0	0	-1	0	0	0	0	0	-1
AT5G39210	0	0	0	0	0	0	-1	0	0	-1
AT5G39240	0	0	0	1	0	1	0	0	0	1
AT5G39320	0	0	0	1	0	0	1	0	0	1
AT5G39471	0	0	0	-1	0	0	0	0	0	-1
AT5G39530	0	-1	0	0	0	-1	0	0	0	-1
AT5G39670	0	0	0	-1	0	0	0	-1	0	-1
AT5G39710	0	0	0	-1	0	0	0	0	0	-1
AT5G39865	0	1	0	1	0	0	0	0	0	1
AT5G39960	0	0	0	-1	0	0	0	0	0	-1
AT5G40010	0	1	0	1	0	0	0	0	0	1
AT5G40040	0	-1	0	0	0	0	0	0	0	-1
AT5G40170	0	-1	0	-1	0	0	-1	0	0	-1
AT5G40320	0	-1	0	0	0	0	0	0	0	-1
AT5G40380	0	0	0	-1	0	0	-1	0	0	-1
AT5G40405	0	0	0	-1	0	0	0	0	0	-1
AT5G40500	0	-1	0	-1	0	0	-1	0	0	-1
AT5G40610	0	0	0	-1	0	0	0	0	0	-1
AT5G40850	0	-1	0	0	0	0	-1	0	0	-1
AT5G40910	0	0	0	0	0	0	-1	0	0	-1
AT5G40990	0	0	0	-1	0	0	0	-1	-1	-1
AT5G41050	0	-1	0	0	0	0	-1	0	0	-1
AT5G41315	0	-1	0	-1	0	0	0	0	0	-1
AT5G41460	0	1	0	1	0	0	0	0	0	1
AT5G41650	0	0	0	-1	0	0	0	0	0	-1
AT5G41900	0	0	0	1	0	0	1	0	0	1
AT5G42100	0	0	0	0	0	0	-1	0	0	-1
AT5G42180	0	0	0	1	0	0	1	0	0	1
AT5G42290	0	1	0	0	0	0	1	0	0	1
AT5G42380	0	0	0	-1	0	0	0	0	0	-1
AT5G42460	0	0	0	-1	0	0	0	0	0	-1
AT5G42580	0	-1	0	0	0	0	0	0	0	-1
AT5G42590	0	0	0	-1	0	0	0	0	0	-1
AT5G42690	0	0	0	1	0	1	0	0	0	1
AT5G42700	0	-1	0	0	0	0	0	0	0	-1
AT5G42720	0	-1	0	0	0	0	0	0	0	-1
AT5G42760	0	0	0	-1	0	0	0	0	0	-1
AT5G42780	0	0	0	-1	0	0	0	0	0	-1
AT5G42800	0	0	0	0	-1	0	0	0	0	-1
AT5G42830	0	0	0	-1	0	0	0	0	0	-1
AT5G42860	0	0	0	1	0	0	1	0	0	1
AT5G42930	0	1	0	1	0	0	0	0	0	1
AT5G43040	0	0	0	-1	0	0	0	0	0	-1
AT5G43070	0	-1	0	0	0	0	0	0	0	-1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G43290	0	1	0	1	0	0	0	0	0	1
AT5G43300	0	1	0	1	0	0	0	0	0	1
AT5G43420	0	-1	0	-1	0	0	0	0	0	-1
AT5G43440	0	-1	0	-1	0	0	0	0	0	-1
AT5G43450	0	0	0	-1	0	0	0	0	0	-1
AT5G43470	0	-1	0	-1	0	0	0	-1	0	-1
AT5G43520	0	1	0	0	0	0	1	0	0	1
AT5G43630	0	-1	0	-1	0	0	0	0	0	-1
AT5G43745	0	0	0	0	0	0	-1	0	0	-1
AT5G43750	0	0	0	0	0	0	-1	0	0	-1
AT5G43760	0	0	0	0	0	0	-1	0	0	-1
AT5G43770	0	1	0	0	0	0	1	0	0	1
AT5G44040	0	-1	0	0	0	0	0	0	0	-1
AT5G44130	0	1	0	1	0	0	1	0	0	1
AT5G44190	0	0	0	-1	0	-1	-1	0	0	-1
AT5G44260	1	1	0	0	0	0	1	0	0	1
AT5G44400	0	-1	0	0	0	0	0	0	0	-1
AT5G44440	0	0	0	0	1	0	0	1	0	1
AT5G44520	0	0	0	0	0	0	-1	0	0	-1
AT5G44550	0	-1	0	0	0	0	0	0	0	-1
AT5G44580	0	0	0	-1	0	0	-1	0	0	-1
AT5G44582	0	0	0	-1	0	0	0	0	0	-1
AT5G44585	0	0	0	-1	0	0	0	0	0	-1
AT5G44660	0	0	0	0	0	0	-1	0	0	-1
AT5G44670	0	1	0	1	0	0	0	0	0	1
AT5G44680	0	0	0	-1	0	0	-1	0	0	-1
AT5G44690	0	0	0	-1	0	0	0	0	0	-1
AT5G44700	0	0	0	0	0	0	-1	0	0	-1
AT5G44870	0	0	0	0	0	0	-1	0	0	-1
AT5G44990	0	0	0	-1	0	0	0	-1	0	-1
AT5G45070	0	0	0	-1	0	0	0	0	0	-1
AT5G45080	0	0	0	-1	0	0	0	0	0	-1
AT5G45210	0	1	0	1	0	0	0	0	0	1
AT5G45220	0	0	0	-1	0	0	0	0	0	-1
AT5G45280	0	0	0	1	0	0	1	0	0	1
AT5G45310	0	1	0	0	0	0	1	0	0	1
AT5G45490	0	0	0	-1	0	0	0	0	0	-1
AT5G45520	0	0	0	-1	0	0	0	0	0	-1
AT5G45530	0	-1	0	-1	0	0	0	0	0	-1
AT5G45650	0	-1	0	0	0	0	-1	0	0	-1
AT5G45680	-1	0	0	0	0	0	0	0	0	-1
AT5G45820	0	0	0	0	0	0	-1	0	0	-1
AT5G45830	0	0	0	-1	0	0	0	0	-1	-1
AT5G45850	0	-1	0	0	0	0	0	0	0	-1
AT5G45930	0	-1	0	0	0	-1	-1	0	0	-1
AT5G46110	0	-1	0	0	0	0	-1	0	0	-1
AT5G46240	1	1	0	0	1	0	0	0	0	1
AT5G46440	0	0	0	-1	0	0	0	0	0	-1
AT5G46450	0	0	0	-1	0	0	-1	0	0	-1
AT5G46460	0	0	0	-1	0	0	0	0	0	-1
AT5G46470	0	0	0	-1	0	0	0	0	0	-1
AT5G46665	0	0	0	-1	0	0	0	0	0	-1
AT5G46690	0	-1	0	-1	0	-1	-1	0	0	-1
AT5G46900	0	1	0	1	0	0	1	0	0	1
AT5G47040	0	0	0	0	0	0	-1	0	0	-1
AT5G47240	0	1	0	1	0	0	0	0	0	1
AT5G47250	0	0	0	-1	0	0	0	0	0	-1
AT5G47370	1	0	0	0	1	0	0	0	0	1
AT5G47440	0	0	-1	0	0	0	0	0	0	-1
AT5G47450	0	1	0	1	0	0	0	0	0	1
AT5G47500	0	-1	0	0	0	0	-1	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G47610	-1	-1	0	0	0	0	-1	0	0	-1
AT5G47950	0	0	0	-1	0	0	0	0	0	-1
AT5G48000	0	-1	0	-1	0	0	-1	0	0	-1
AT5G48070	0	-1	0	0	0	0	0	0	0	-1
AT5G48090	0	0	0	-1	0	0	0	0	0	-1
AT5G48170	0	0	0	-1	0	0	0	0	0	-1
AT5G48320	0	-1	0	0	0	0	0	0	0	-1
AT5G48460	1	0	0	1	0	0	0	0	0	1
AT5G48470	0	0	0	-1	0	0	0	0	0	-1
AT5G48485	0	-1	0	-1	0	0	-1	0	0	-1
AT5G48490	0	0	-1	-1	0	-1	-1	-1	-1	-1
AT5G48690	0	-1	0	0	0	0	0	0	0	-1
AT5G48790	0	0	0	0	0	0	-1	0	0	-1
AT5G48800	0	1	0	1	0	0	0	0	0	1
AT5G48880	0	-1	0	0	-1	0	0	0	0	-1
AT5G48900	1	1	0	1	0	1	1	0	0	1
AT5G48940	0	0	0	-1	0	0	0	0	0	-1
AT5G49160	0	0	-1	0	0	0	-1	0	0	-1
AT5G49190	0	0	0	-1	0	0	0	0	0	-1
AT5G49215	0	0	0	-1	0	0	0	0	0	-1
AT5G49360	-1	0	0	0	0	0	0	0	0	-1
AT5G49520	0	1	0	1	0	0	0	0	0	1
AT5G49690	0	1	0	1	0	0	0	0	0	1
AT5G50160	0	-1	0	0	0	0	0	0	0	-1
AT5G50175	0	1	0	1	0	0	0	0	0	1
AT5G50340	0	0	0	0	0	0	-1	0	0	-1
AT5G50360	0	-1	0	0	0	0	0	0	0	-1
AT5G50550	0	0	0	-1	0	0	0	0	0	-1
AT5G50560	0	0	0	-1	0	0	0	0	0	-1
AT5G50565	0	0	0	-1	0	0	0	0	0	-1
AT5G50570	1	1	0	0	0	0	0	0	0	1
AT5G50590	0	0	0	-1	0	0	0	0	0	-1
AT5G50650	0	0	0	-1	0	0	0	0	0	-1
AT5G50740	0	-1	0	0	0	0	-1	0	0	-1
AT5G50750	0	1	0	1	0	0	0	0	0	1
AT5G50800	0	-1	0	0	0	0	0	0	0	-1
AT5G51010	0	0	0	0	0	0	-1	0	0	-1
AT5G51060	0	0	0	1	0	0	1	0	0	1
AT5G51100	0	0	-1	-1	0	0	0	0	0	-1
AT5G51210	0	1	1	1	0	1	1	0	0	1
AT5G51390	0	0	0	0	0	0	-1	0	0	-1
AT5G51440	0	-1	0	0	-1	0	0	0	0	-1
AT5G51460	0	0	0	0	0	0	-1	0	0	-1
AT5G51520	0	-1	0	0	0	0	0	0	0	-1
AT5G51550	0	0	0	0	0	0	-1	0	0	-1
AT5G51670	1	1	0	1	0	1	1	0	0	1
AT5G51710	-1	0	0	0	0	0	0	0	0	-1
AT5G51720	0	0	0	0	0	0	-1	0	0	-1
AT5G51730	0	0	0	-1	0	0	0	0	0	-1
AT5G51810	0	0	0	1	0	0	1	0	0	1
AT5G51890	0	0	0	0	0	0	-1	0	0	-1
AT5G52050	0	-1	0	0	0	0	0	0	0	-1
AT5G52070	-1	0	0	0	0	0	0	0	0	-1
AT5G52170	0	-1	0	0	0	0	0	0	0	-1
AT5G52260	0	-1	0	0	0	0	0	0	0	-1
AT5G52280	0	1	0	0	0	0	1	0	0	1
AT5G52310	1	1	0	1	0	0	0	0	0	1
AT5G52570	0	0	0	0	0	0	-1	0	0	-1
AT5G52780	0	0	0	0	0	0	-1	0	0	-1
AT5G52860	0	-1	0	-1	0	0	0	0	0	-1
AT5G52900	1	0	0	0	1	0	0	0	0	1

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G52960	0	0	0	0	0	0	-1	0	0	-1
AT5G52970	0	0	0	0	0	0	-1	0	0	-1
AT5G53030	0	-1	0	0	0	0	0	0	0	-1
AT5G53190	0	1	0	1	0	0	0	0	0	1
AT5G53210	0	0	0	-1	0	0	-1	0	0	-1
AT5G53250	0	1	0	1	0	0	1	0	0	1
AT5G53290	0	0	0	0	0	0	-1	0	0	-1
AT5G53490	0	0	0	0	0	0	-1	0	0	-1
AT5G53660	0	1	0	1	0	1	1	0	0	1
AT5G53880	0	-1	0	-1	0	0	-1	0	0	-1
AT5G53900	0	0	0	0	0	0	-1	0	0	-1
AT5G53920	0	-1	0	0	0	0	0	0	0	-1
AT5G53970	0	0	0	0	0	0	-1	0	0	-1
AT5G53980	1	1	0	1	1	1	1	0	0	1
AT5G54040	0	0	0	-1	0	0	0	0	0	-1
AT5G54060	0	0	0	0	-1	0	0	0	0	-1
AT5G54070	0	-1	0	0	0	0	0	0	0	-1
AT5G54095	0	-1	0	0	0	0	0	0	0	-1
AT5G54180	0	-1	0	0	0	0	0	0	0	-1
AT5G54190	0	0	0	1	1	0	1	0	0	1
AT5G54270	0	-1	-1	-1	0	-1	-1	0	0	-1
AT5G54370	0	-1	0	0	0	0	0	0	0	-1
AT5G54470	0	1	0	1	0	0	0	0	0	1
AT5G54490	0	0	0	0	0	0	-1	0	0	-1
AT5G54630	0	0	0	0	0	0	-1	0	0	-1
AT5G54710	0	0	0	-1	0	0	0	0	0	-1
AT5G54720	0	0	0	-1	0	0	0	0	0	-1
AT5G54770	0	-1	0	-1	0	-1	-1	0	0	-1
AT5G54980	0	0	0	-1	0	0	0	0	0	-1
AT5G55050	0	0	0	0	0	0	-1	0	0	-1
AT5G55125	0	0	0	-1	0	0	0	0	0	-1
AT5G55220	0	0	0	0	0	-1	0	0	0	-1
AT5G55250	0	-1	0	0	0	0	0	0	0	-1
AT5G55410	0	0	0	-1	0	0	0	0	0	-1
AT5G55450	0	-1	0	0	0	0	-1	0	0	-1
AT5G55490	0	0	0	-1	0	0	0	0	0	-1
AT5G55620	0	-1	-1	-1	0	0	-1	0	0	-1
AT5G55730	1	0	0	1	0	0	0	0	0	1
AT5G55896	0	0	0	-1	0	0	0	0	0	-1
AT5G55930	0	0	0	-1	0	0	0	0	0	-1
AT5G55960	0	0	0	1	0	0	1	0	0	1
AT5G56080	0	0	0	-1	0	0	0	0	0	-1
AT5G56100	-1	0	0	0	0	0	-1	0	0	-1
AT5G56120	0	-1	0	0	0	0	0	0	0	-1
AT5G56310	0	-1	0	0	0	0	0	0	0	-1
AT5G56370	0	0	0	-1	0	0	0	0	0	-1
AT5G56380	0	0	0	-1	0	0	0	0	0	-1
AT5G56490	0	-1	0	0	0	0	0	0	0	-1
AT5G56747	0	0	0	-1	0	0	0	0	0	-1
AT5G56780	0	0	0	-1	0	0	0	0	0	-1
AT5G56810	0	0	0	-1	0	0	0	0	0	-1
AT5G56850	0	0	0	0	0	0	-1	0	0	-1
AT5G56910	0	0	0	-1	0	0	0	0	0	-1
AT5G56960	0	0	0	-1	0	0	0	-1	0	-1
AT5G56980	0	1	0	1	0	0	0	0	0	1
AT5G57010	0	0	0	-1	0	0	0	0	0	-1
AT5G57040	0	0	0	0	0	0	-1	0	0	-1
AT5G57070	1	0	0	1	0	0	0	0	0	1
AT5G57123	0	-1	0	0	0	0	0	0	0	-1
AT5G57170	-1	0	0	0	0	0	0	0	0	-1
AT5G57190	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G57220	0	0	0	-1	0	0	0	-1	0	-1
AT5G57240	0	1	0	0	1	0	0	0	0	1
AT5G57345	0	-1	-1	0	0	0	-1	0	0	-1
AT5G57350	0	0	0	-1	0	0	0	0	0	-1
AT5G57480	0	1	0	1	0	0	0	0	0	1
AT5G57500	0	-1	0	0	0	0	0	0	0	-1
AT5G57550	0	0	0	1	0	0	1	0	0	1
AT5G57670	0	0	1	1	0	0	0	0	0	1
AT5G57760	1	1	0	1	0	1	1	0	0	1
AT5G57780	0	0	1	1	0	0	0	0	0	1
AT5G57810	0	0	0	0	0	-1	0	0	0	-1
AT5G57980	0	-1	0	0	0	0	0	0	0	-1
AT5G58140	0	0	0	0	0	0	-1	0	0	-1
AT5G58250	0	0	-1	0	0	0	0	0	0	-1
AT5G58260	0	0	0	0	0	0	-1	0	0	-1
AT5G58320	0	1	0	1	0	0	0	0	0	1
AT5G58330	0	0	0	0	0	0	-1	0	0	-1
AT5G58570	0	0	0	-1	0	0	0	0	0	-1
AT5G58580	0	-1	0	0	0	0	0	0	0	-1
AT5G58750	0	1	0	1	0	0	1	1	0	1
AT5G58784	0	-1	0	0	0	0	0	0	0	-1
AT5G58860	0	-1	0	0	0	0	0	0	0	-1
AT5G59010	1	1	0	1	0	0	1	1	0	1
AT5G59040	0	1	0	1	0	1	0	0	0	1
AT5G59050	0	1	0	1	0	0	1	0	0	1
AT5G59080	0	0	0	0	0	0	-1	0	0	-1
AT5G59170	0	0	0	-1	0	0	0	0	0	-1
AT5G59240	0	-1	0	0	0	0	0	0	0	-1
AT5G59250	0	0	0	0	0	0	-1	0	0	-1
AT5G59430	0	0	0	0	0	0	-1	0	0	-1
AT5G59540	0	0	0	0	0	0	-1	0	0	-1
AT5G59570	0	1	0	0	0	0	1	0	0	1
AT5G59750	0	0	0	0	0	0	-1	0	0	-1
AT5G59850	0	-1	0	0	0	0	0	0	0	-1
AT5G60150	0	-1	0	0	0	0	0	0	0	-1
AT5G60250	0	-1	0	-1	0	0	0	0	0	-1
AT5G60260	0	0	0	-1	0	0	0	0	0	-1
AT5G60270	0	0	0	-1	0	0	0	0	0	-1
AT5G60340	0	0	0	-1	0	0	0	0	0	-1
AT5G60390	0	0	0	0	0	-1	0	0	0	-1
AT5G60440	0	0	0	-1	0	0	0	0	0	-1
AT5G60520	0	-1	0	0	0	0	0	0	0	-1
AT5G60660	0	1	0	1	0	1	1	0	0	1
AT5G60680	1	1	0	1	0	0	0	0	0	1
AT5G60760	0	1	0	1	0	0	1	0	0	1
AT5G60860	1	0	0	1	0	0	0	0	0	1
AT5G60880	0	-1	0	0	0	0	0	0	0	-1
AT5G60890	0	0	0	0	0	0	-1	0	0	-1
AT5G60950	0	0	0	-1	0	0	0	0	0	-1
AT5G61030	0	-1	0	0	0	0	0	0	0	-1
AT5G61170	0	-1	0	0	0	0	0	0	0	-1
AT5G61270	0	-1	0	-1	0	0	0	-1	0	-1
AT5G61330	0	0	0	-1	0	0	0	0	0	-1
AT5G61340	0	0	0	1	0	0	1	0	0	1
AT5G61410	0	0	0	0	0	0	-1	0	0	-1
AT5G61420	0	-1	0	-1	0	0	0	0	0	-1
AT5G61455	0	0	0	-1	0	0	0	0	0	-1
AT5G61520	0	-1	0	0	0	0	-1	0	0	-1
AT5G61590	0	0	0	0	0	0	-1	0	0	-1
AT5G62070	1	0	0	0	0	0	1	0	0	1
AT5G62210	0	0	0	0	-1	0	0	0	0	-1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G62280	1	0	0	0	1	0	0	0	0	1
AT5G62330	0	-1	0	0	0	0	0	0	0	-1
AT5G62350	0	0	0	0	0	0	-1	0	0	-1
AT5G62360	0	-1	0	0	0	0	0	-1	0	-1
AT5G62430	0	0	0	0	0	0	-1	0	0	-1
AT5G62440	0	-1	0	0	0	0	0	0	0	-1
AT5G62580	1	0	0	1	0	0	0	0	0	1
AT5G62630	-1	-1	0	0	0	0	-1	0	0	-1
AT5G62680	0	0	0	0	0	0	-1	0	0	-1
AT5G62710	0	-1	0	0	0	0	0	0	0	-1
AT5G62720	0	-1	0	0	0	0	0	0	0	-1
AT5G62800	0	1	0	0	0	0	1	0	0	1
AT5G62900	0	0	0	-1	0	0	0	0	0	-1
AT5G62920	0	0	0	-1	0	0	0	0	0	-1
AT5G62990	0	0	0	-1	0	0	0	0	0	-1
AT5G63250	0	0	0	-1	0	0	0	0	0	-1
AT5G63595	0	1	0	1	0	0	0	0	0	1
AT5G63650	1	1	1	1	1	1	1	0	0	1
AT5G63800	0	0	0	1	0	0	1	0	0	1
AT5G63850	0	-1	0	-1	0	0	0	0	0	-1
AT5G64040	0	-1	-1	0	0	-1	-1	-1	0	-1
AT5G64060	0	-1	0	0	0	0	0	0	0	-1
AT5G64080	0	-1	0	0	0	0	0	0	0	-1
AT5G64260	0	0	0	1	0	0	1	0	0	1
AT5G64300	0	1	0	0	0	0	1	0	0	1
AT5G64310	1	0	0	1	0	0	0	0	0	1
AT5G64460	0	0	0	0	0	0	-1	0	0	-1
AT5G64530	0	-1	0	0	0	0	0	0	0	-1
AT5G64570	0	0	0	0	0	0	-1	0	0	-1
AT5G64620	0	-1	0	0	0	0	0	0	0	-1
AT5G64685	0	0	0	-1	0	0	0	0	0	-1
AT5G64770	0	-1	0	-1	0	-1	-1	-1	-1	-1
AT5G64780	0	0	0	0	0	0	0	0	-1	-1
AT5G64840	0	0	0	0	0	0	-1	0	0	-1
AT5G64850	0	-1	0	-1	0	0	-1	0	0	-1
AT5G64905	0	0	0	-1	0	0	0	-1	0	-1
AT5G64940	0	0	-1	0	0	0	-1	0	0	-1
AT5G65010	0	-1	0	-1	0	-1	-1	0	0	-1
AT5G65030	0	-1	0	-1	0	0	0	0	0	-1
AT5G65140	0	1	0	1	0	0	0	0	0	1
AT5G65220	0	0	0	0	0	0	-1	0	0	-1
AT5G65280	0	-1	0	-1	0	0	0	0	0	-1
AT5G65310	0	0	0	0	0	0	-1	0	0	-1
AT5G65390	1	0	0	0	0	0	1	0	0	1
AT5G65600	0	0	0	-1	0	0	0	-1	0	-1
AT5G65730	0	-1	0	-1	-1	0	-1	0	0	-1
AT5G65790	0	1	0	1	0	0	0	0	0	1
AT5G65800	0	1	0	1	0	1	1	0	0	1
AT5G65850	0	-1	0	0	0	0	0	0	0	-1
AT5G65890	0	0	0	0	0	0	-1	0	0	-1
AT5G66080	1	1	0	1	0	0	1	0	0	1
AT5G66190	0	0	0	0	0	0	-1	0	0	-1
AT5G66210	0	1	0	1	0	0	0	0	0	1
AT5G66270	0	-1	0	0	0	0	0	0	0	-1
AT5G66280	0	0	0	1	0	0	1	0	0	1
AT5G66350	0	0	0	-1	0	0	0	0	0	-1
AT5G66390	0	0	0	1	0	0	1	0	0	1
AT5G66400	1	1	0	0	0	0	1	0	0	1
AT5G66570	0	-1	0	0	0	-1	-1	0	0	-1
AT5G66590	1	1	1	1	0	1	1	1	0	1
AT5G66650	0	1	0	1	0	1	0	0	0	1

Appendix Table S2

Name	1	2	3	4	5	6	7	pif45_Col	pif45bes1D_bes1D	ALL_PIF
AT5G66700	0	1	0	1	0	0	0	0	0	1
AT5G66800	0	0	0	0	0	0	-1	0	0	-1
AT5G66815	0	-1	0	0	0	0	0	0	0	-1
AT5G66900	0	0	0	-1	0	0	0	0	0	-1
AT5G66960	0	0	0	-1	0	0	0	0	0	-1
AT5G66985	0	-1	0	0	0	0	0	0	0	-1
AT5G67020	0	1	0	1	0	0	0	1	0	1
AT5G67030	0	0	0	0	0	0	-1	0	0	-1
AT5G67050	0	-1	0	0	0	0	0	0	0	-1
AT5G67070	0	0	0	0	0	0	-1	0	0	-1
AT5G67080	0	0	0	0	0	0	-1	0	0	-1
AT5G67150	0	0	0	-1	0	0	0	0	0	-1
AT5G67280	0	0	0	0	0	0	-1	0	0	-1
AT5G67370	0	0	0	0	0	0	-1	0	0	-1
AT5G67385	0	0	0	-1	0	0	0	0	0	-1
AT5G67390	0	0	1	1	0	0	0	0	0	1
AT5G67480	0	0	0	-1	0	0	0	0	0	-1
AT5G67510	0	-1	0	0	0	0	0	0	0	-1
AT5G67620	0	-1	0	0	0	0	0	0	0	-1

Appendix Table S3. BES1 and BZR1 targets, complied from ChIP-ChIP and ChIP-seq experiments.

Name	BES_target	BZR1_target	BESBZR_target
AT1G01060	1	0	1
AT1G01110	0	1	1
AT1G01120	0	1	1
AT1G01130	0	1	1
AT1G01190	1	0	1
AT1G01250	0	1	1
AT1G01260	1	1	1
AT1G01290	0	1	1
AT1G01300	0	1	1
AT1G01310	1	1	1
AT1G01420	1	1	1
AT1G01430	0	1	1
AT1G01440	0	1	1
AT1G01460	0	1	1
AT1G01470	1	1	1
AT1G01480	1	1	1
AT1G01490	0	1	1
AT1G01500	0	1	1
AT1G01520	1	0	1
AT1G01540	1	1	1
AT1G01550	0	1	1
AT1G01560	0	1	1
AT1G01570	1	1	1
AT1G01580	1	1	1
AT1G01650	1	1	1
AT1G01660	0	1	1
AT1G01710	0	1	1
AT1G01720	1	1	1
AT1G01725	0	1	1
AT1G01900	1	0	1
AT1G01910	1	0	1
AT1G02065	1	1	1
AT1G02070	0	1	1
AT1G02228	0	1	1
AT1G02230	0	1	1
AT1G02250	0	1	1
AT1G02340	0	1	1
AT1G02350	1	1	1
AT1G02360	0	1	1
AT1G02390	0	1	1
AT1G02400	1	1	1
AT1G02405	0	1	1
AT1G02630	0	1	1
AT1G02640	1	1	1
AT1G02650	0	1	1
AT1G02660	0	1	1
AT1G02670	1	1	1
AT1G02730	1	0	1
AT1G03030	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G03060	1	0	1
AT1G03120	0	1	1
AT1G03130	0	1	1
AT1G03140	0	1	1
AT1G03210	0	1	1
AT1G03220	0	1	1
AT1G03310	1	0	1
AT1G03590	0	1	1
AT1G03600	1	1	1
AT1G03610	1	1	1
AT1G03790	0	1	1
AT1G03800	1	1	1
AT1G03810	0	1	1
AT1G03840	0	1	1
AT1G03850	0	1	1
AT1G03870	0	1	1
AT1G03880	0	1	1
AT1G04120	0	1	1
AT1G04130	0	1	1
AT1G04150	0	1	1
AT1G04160	0	1	1
AT1G04240	0	1	1
AT1G04250	0	1	1
AT1G04360	0	1	1
AT1G04370	0	1	1
AT1G04420	0	1	1
AT1G04430	0	1	1
AT1G04530	1	1	1
AT1G04540	1	1	1
AT1G04650	1	0	1
AT1G04670	0	1	1
AT1G04680	0	1	1
AT1G04690	0	1	1
AT1G04970	0	1	1
AT1G05000	0	1	1
AT1G05010	0	1	1
AT1G05020	0	1	1
AT1G05060	1	0	1
AT1G05090	1	0	1
AT1G05340	0	1	1
AT1G05350	0	1	1
AT1G05410	1	1	1
AT1G05420	0	1	1
AT1G05530	1	0	1
AT1G05570	0	1	1
AT1G05575	0	1	1
AT1G05690	0	1	1
AT1G05700	1	1	1
AT1G05710	1	1	1
AT1G05800	0	1	1
AT1G05805	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G05810	0	1	1
AT1G05870	0	1	1
AT1G05880	0	1	1
AT1G06148	0	1	1
AT1G06150	1	0	1
AT1G06160	0	1	1
AT1G06520	0	1	1
AT1G06530	0	1	1
AT1G06640	1	0	1
AT1G06645	1	0	1
AT1G06670	1	0	1
AT1G06920	0	1	1
AT1G06923	1	1	1
AT1G07040	1	1	1
AT1G07050	1	1	1
AT1G07060	0	1	1
AT1G07080	0	1	1
AT1G07090	1	1	1
AT1G07100	0	1	1
AT1G07130	0	1	1
AT1G07135	0	1	1
AT1G07150	0	1	1
AT1G07160	0	1	1
AT1G07200	0	1	1
AT1G07210	0	1	1
AT1G07240	1	0	1
AT1G07270	0	1	1
AT1G07280	1	1	1
AT1G07290	0	1	1
AT1G07420	0	1	1
AT1G07430	1	1	1
AT1G07440	0	1	1
AT1G07570	0	1	1
AT1G07580	0	1	1
AT1G07620	0	1	1
AT1G07630	0	1	1
AT1G07720	1	0	1
AT1G07880	0	1	1
AT1G07890	1	1	1
AT1G07900	0	1	1
AT1G08500	0	1	1
AT1G08510	0	1	1
AT1G08630	1	0	1
AT1G08650	0	1	1
AT1G08660	0	1	1
AT1G08920	1	0	1
AT1G09060	0	1	1
AT1G09070	0	1	1
AT1G09080	0	1	1
AT1G09230	0	1	1
AT1G09240	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G09250	1	1	1
AT1G09260	1	1	1
AT1G09340	0	1	1
AT1G09350	1	1	1
AT1G09380	0	1	1
AT1G09390	1	1	1
AT1G09520	0	1	1
AT1G09530	0	1	1
AT1G09935	0	1	1
AT1G09940	0	1	1
AT1G09950	0	1	1
AT1G09960	0	1	1
AT1G09970	0	1	1
AT1G10060	0	1	1
AT1G10070	0	1	1
AT1G10090	1	0	1
AT1G10130	1	0	1
AT1G10140	0	1	1
AT1G10150	0	1	1
AT1G10270	1	0	1
AT1G10370	0	1	1
AT1G10380	0	1	1
AT1G10410	0	1	1
AT1G10417	0	1	1
AT1G10460	1	0	1
AT1G10470	0	1	1
AT1G10480	0	1	1
AT1G10550	0	1	1
AT1G10560	0	1	1
AT1G10585	0	1	1
AT1G10588	0	1	1
AT1G10640	1	0	1
AT1G10760	1	0	1
AT1G10910	1	0	1
AT1G10950	0	1	1
AT1G10960	0	1	1
AT1G11040	0	1	1
AT1G11050	0	1	1
AT1G11210	0	1	1
AT1G11220	0	1	1
AT1G11250	0	1	1
AT1G11260	0	1	1
AT1G11270	0	1	1
AT1G11300	0	1	1
AT1G11310	0	1	1
AT1G11320	0	1	1
AT1G11330	0	1	1
AT1G11370	0	1	1
AT1G11380	0	1	1
AT1G11630	1	0	1
AT1G11940	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G12030	0	1	1
AT1G12100	0	1	1
AT1G12110	0	1	1
AT1G12244	1	0	1
AT1G12250	1	0	1
AT1G12310	0	1	1
AT1G12320	0	1	1
AT1G12370	1	0	1
AT1G12420	1	1	1
AT1G12430	1	1	1
AT1G12440	0	1	1
AT1G12450	0	1	1
AT1G12500	0	1	1
AT1G12510	0	1	1
AT1G12610	0	1	1
AT1G12620	0	1	1
AT1G12840	1	0	1
AT1G12935	1	0	1
AT1G13070	0	1	1
AT1G13080	0	1	1
AT1G13240	0	1	1
AT1G13245	0	1	1
AT1G13250	1	1	1
AT1G13260	0	1	1
AT1G13360	0	1	1
AT1G13370	0	1	1
AT1G13550	0	1	1
AT1G13560	1	1	1
AT1G13570	0	1	1
AT1G13630	1	0	1
AT1G13940	0	1	1
AT1G13950	1	1	1
AT1G14000	1	0	1
AT1G14010	1	0	1
AT1G14270	0	1	1
AT1G14280	0	1	1
AT1G14290	0	1	1
AT1G14330	0	1	1
AT1G14340	0	1	1
AT1G14430	1	0	1
AT1G14530	0	1	1
AT1G14590	0	1	1
AT1G14600	0	1	1
AT1G14610	0	1	1
AT1G14685	1	0	1
AT1G14770	0	1	1
AT1G14780	0	1	1
AT1G14790	1	0	1
AT1G14800	1	0	1
AT1G14880	1	0	1
AT1G14890	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT1G14900	0	1	1
AT1G14910	0	1	1
AT1G14920	1	1	1
AT1G14930	0	1	1
AT1G15000	0	1	1
AT1G15010	0	1	1
AT1G15110	1	0	1
AT1G15120	0	1	1
AT1G15125	0	1	1
AT1G15130	1	0	1
AT1G15220	1	0	1
AT1G15250	1	0	1
AT1G15260	1	0	1
AT1G15350	0	1	1
AT1G15360	0	1	1
AT1G15660	0	1	1
AT1G15670	1	1	1
AT1G15720	1	0	1
AT1G15750	1	1	1
AT1G15757	0	1	1
AT1G15800	1	0	1
AT1G15810	1	0	1
AT1G16090	1	0	1
AT1G16130	1	0	1
AT1G16140	0	1	1
AT1G16150	0	1	1
AT1G16340	0	1	1
AT1G16350	0	1	1
AT1G16360	0	1	1
AT1G16500	0	1	1
AT1G16510	0	1	1
AT1G16520	1	0	1
AT1G16760	1	0	1
AT1G16850	1	0	1
AT1G17220	0	1	1
AT1G17230	0	1	1
AT1G17260	1	0	1
AT1G17285	0	1	1
AT1G17290	0	1	1
AT1G17300	0	1	1
AT1G17360	0	1	1
AT1G17370	0	1	1
AT1G17380	1	1	1
AT1G17410	0	1	1
AT1G17420	0	1	1
AT1G17430	0	1	1
AT1G17495	0	1	1
AT1G17500	0	1	1
AT1G17610	1	0	1
AT1G17840	1	0	1
AT1G17940	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT1G17950	0	1	1
AT1G17980	0	1	1
AT1G17990	1	1	1
AT1G18000	0	1	1
AT1G18080	1	0	1
AT1G18200	0	1	1
AT1G18210	0	1	1
AT1G18290	0	1	1
AT1G18300	0	1	1
AT1G18310	0	1	1
AT1G18400	0	1	1
AT1G18410	0	1	1
AT1G18550	0	1	1
AT1G18560	0	1	1
AT1G18570	1	1	1
AT1G18670	1	0	1
AT1G18700	0	1	1
AT1G18710	0	1	1
AT1G18720	0	1	1
AT1G18730	0	1	1
AT1G18735	0	1	1
AT1G18740	0	1	1
AT1G18750	0	1	1
AT1G18860	0	1	1
AT1G18870	0	1	1
AT1G19110	1	0	1
AT1G19170	0	1	1
AT1G19180	1	1	1
AT1G19190	0	1	1
AT1G19200	0	1	1
AT1G19210	0	1	1
AT1G19220	0	1	1
AT1G19300	0	1	1
AT1G19310	1	1	1
AT1G19320	0	1	1
AT1G19340	0	1	1
AT1G19350	1	1	1
AT1G19460	1	0	1
AT1G19490	1	0	1
AT1G19660	0	1	1
AT1G19670	0	1	1
AT1G19770	1	0	1
AT1G19835	1	1	1
AT1G19840	0	1	1
AT1G19850	1	0	1
AT1G19870	1	0	1
AT1G19930	0	1	1
AT1G19940	0	1	1
AT1G19950	0	1	1
AT1G20000	0	1	1
AT1G20010	1	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G20015	0	1	1
AT1G20070	1	0	1
AT1G20160	1	0	1
AT1G20300	0	1	1
AT1G20310	0	1	1
AT1G20320	1	1	1
AT1G20330	0	1	1
AT1G20890	0	1	1
AT1G20900	1	1	1
AT1G20960	0	1	1
AT1G20970	0	1	1
AT1G20980	1	1	1
AT1G20990	0	1	1
AT1G21000	0	1	1
AT1G21010	1	1	1
AT1G21020	0	1	1
AT1G21050	0	1	1
AT1G21060	0	1	1
AT1G21070	1	0	1
AT1G21100	0	1	1
AT1G21110	0	1	1
AT1G21260	0	1	1
AT1G21270	0	1	1
AT1G21380	0	1	1
AT1G21390	0	1	1
AT1G21395	0	1	1
AT1G21400	1	1	1
AT1G21410	0	1	1
AT1G21510	0	1	1
AT1G21520	0	1	1
AT1G21525	0	1	1
AT1G21590	1	1	1
AT1G21600	0	1	1
AT1G21640	1	0	1
AT1G21700	1	0	1
AT1G21810	0	1	1
AT1G21830	0	1	1
AT1G21835	0	1	1
AT1G21900	0	1	1
AT1G21910	1	1	1
AT1G21973	1	1	1
AT1G21980	0	1	1
AT1G22180	0	1	1
AT1G22190	1	1	1
AT1G22330	0	1	1
AT1G22335	1	1	1
AT1G22350	0	1	1
AT1G22360	0	1	1
AT1G22370	1	1	1
AT1G22380	0	1	1
AT1G22400	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT1G22410	0	1	1
AT1G22560	0	1	1
AT1G22570	0	1	1
AT1G22580	0	1	1
AT1G22650	0	1	1
AT1G22660	0	1	1
AT1G22770	1	0	1
AT1G22810	1	1	1
AT1G22830	1	1	1
AT1G22900	0	1	1
AT1G22910	0	1	1
AT1G23000	1	0	1
AT1G23020	0	1	1
AT1G23030	0	1	1
AT1G23070	0	1	1
AT1G23080	1	1	1
AT1G23090	0	1	1
AT1G23100	0	1	1
AT1G23860	0	1	1
AT1G23870	1	1	1
AT1G23920	1	0	1
AT1G23980	0	1	1
AT1G23990	0	1	1
AT1G24120	0	1	1
AT1G24130	0	1	1
AT1G24140	0	1	1
AT1G24145	0	1	1
AT1G24147	0	1	1
AT1G24160	1	0	1
AT1G24260	0	1	1
AT1G24265	1	1	1
AT1G24350	1	0	1
AT1G24590	0	1	1
AT1G24600	0	1	1
AT1G24625	0	1	1
AT1G24640	0	1	1
AT1G24851	1	0	1
AT1G25270	0	1	1
AT1G25275	0	1	1
AT1G25280	0	1	1
AT1G25390	0	1	1
AT1G25400	0	1	1
AT1G25410	0	1	1
AT1G25425	0	1	1
AT1G25430	0	1	1
AT1G25440	0	1	1
AT1G25450	0	1	1
AT1G25540	1	0	1
AT1G25560	0	1	1
AT1G25570	0	1	1
AT1G25784	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G25886	1	0	1
AT1G26150	0	1	1
AT1G26160	0	1	1
AT1G26200	0	1	1
AT1G26208	0	1	1
AT1G26210	0	1	1
AT1G26218	0	1	1
AT1G26270	0	1	1
AT1G26300	0	1	1
AT1G26550	0	1	1
AT1G26558	0	1	1
AT1G26720	0	1	1
AT1G26730	0	1	1
AT1G26799	0	1	1
AT1G26800	0	1	1
AT1G26810	0	1	1
AT1G26870	1	0	1
AT1G26930	0	1	1
AT1G26940	0	1	1
AT1G26945	0	1	1
AT1G27040	0	1	1
AT1G27050	1	1	1
AT1G27060	0	1	1
AT1G27080	1	0	1
AT1G27100	0	1	1
AT1G27110	0	1	1
AT1G27120	0	1	1
AT1G27130	0	1	1
AT1G27200	1	0	1
AT1G27210	1	1	1
AT1G27220	0	1	1
AT1G27285	0	1	1
AT1G27290	0	1	1
AT1G27300	0	1	1
AT1G27320	0	1	1
AT1G27330	0	1	1
AT1G27540	1	0	1
AT1G27560	1	0	1
AT1G27730	0	1	1
AT1G27740	0	1	1
AT1G27930	1	0	1
AT1G27940	1	0	1
AT1G27960	0	1	1
AT1G27970	0	1	1
AT1G27980	0	1	1
AT1G28135	0	1	1
AT1G28140	0	1	1
AT1G28230	1	1	1
AT1G28240	0	1	1
AT1G28270	0	1	1
AT1G28330	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G28350	0	1	1
AT1G28360	1	1	1
AT1G28370	0	1	1
AT1G28375	0	1	1
AT1G28450	1	0	1
AT1G28580	0	1	1
AT1G28590	0	1	1
AT1G29050	0	1	1
AT1G29060	0	1	1
AT1G29390	1	1	1
AT1G29395	1	1	1
AT1G29400	0	1	1
AT1G29420	0	1	1
AT1G29430	0	1	1
AT1G29440	0	1	1
AT1G29450	0	1	1
AT1G29660	0	1	1
AT1G29670	0	1	1
AT1G29680	0	1	1
AT1G29980	1	0	1
AT1G30100	0	1	1
AT1G30110	0	1	1
AT1G30120	1	0	1
AT1G30180	1	0	1
AT1G30250	0	1	1
AT1G30260	0	1	1
AT1G30310	0	1	1
AT1G30320	0	1	1
AT1G30330	1	1	1
AT1G30340	0	1	1
AT1G30350	0	1	1
AT1G30500	1	0	1
AT1G30720	0	1	1
AT1G30730	0	1	1
AT1G30940	1	0	1
AT1G31170	0	1	1
AT1G31173	0	1	1
AT1G31340	0	1	1
AT1G31350	0	1	1
AT1G31355	0	1	1
AT1G31570	0	1	1
AT1G31580	0	1	1
AT1G31600	0	1	1
AT1G31870	0	1	1
AT1G31880	0	1	1
AT1G31950	1	0	1
AT1G32160	0	1	1
AT1G32170	0	1	1
AT1G32180	1	0	1
AT1G32190	0	1	1
AT1G32200	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G32230	0	1	1
AT1G32240	0	1	1
AT1G32380	1	0	1
AT1G32530	0	1	1
AT1G32540	0	1	1
AT1G32550	0	1	1
AT1G32690	0	1	1
AT1G32700	0	1	1
AT1G32710	1	1	1
AT1G32860	1	0	1
AT1G32900	1	0	1
AT1G32910	0	1	1
AT1G32920	0	1	1
AT1G32928	0	1	1
AT1G33050	0	1	1
AT1G33055	0	1	1
AT1G33230	0	1	1
AT1G33240	0	1	1
AT1G33250	0	1	1
AT1G33260	0	1	1
AT1G33550	0	1	1
AT1G33560	0	1	1
AT1G33580	1	0	1
AT1G33590	0	1	1
AT1G33600	0	1	1
AT1G33607	0	1	1
AT1G33700	1	0	1
AT1G33750	0	1	1
AT1G33760	0	1	1
AT1G33770	0	1	1
AT1G34240	0	1	1
AT1G34245	1	1	1
AT1G34250	0	1	1
AT1G34400	1	0	1
AT1G34460	1	0	1
AT1G34730	1	0	1
AT1G34904	1	0	1
AT1G34967	1	0	1
AT1G35350	1	0	1
AT1G35405	1	0	1
AT1G35560	0	1	1
AT1G35570	0	1	1
AT1G35740	1	0	1
AT1G35770	0	1	1
AT1G35780	1	1	1
AT1G35790	1	1	1
AT1G36050	0	1	1
AT1G36060	0	1	1
AT1G36070	0	1	1
AT1G36310	1	0	1
AT1G36395	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G36520	1	0	1
AT1G36550	1	0	1
AT1G36610	1	0	1
AT1G36890	1	0	1
AT1G36936	1	0	1
AT1G37057	1	0	1
AT1G37100	1	0	1
AT1G37120	0	1	1
AT1G37130	1	1	1
AT1G37170	1	0	1
AT1G37200	1	0	1
AT1G37537	1	0	1
AT1G38140	0	1	1
AT1G38149	1	1	1
AT1G38416	1	0	1
AT1G38440	1	0	1
AT1G38460	1	0	1
AT1G39670	1	0	1
AT1G40127	1	0	1
AT1G40129	1	0	1
AT1G41775	1	0	1
AT1G41797	1	0	1
AT1G41896	1	0	1
AT1G42393	1	0	1
AT1G42780	1	0	1
AT1G43725	1	0	1
AT1G43730	1	0	1
AT1G43745	1	0	1
AT1G43755	1	0	1
AT1G44350	0	1	1
AT1G44382	0	1	1
AT1G44760	0	1	1
AT1G44770	0	1	1
AT1G44840	1	0	1
AT1G45150	1	0	1
AT1G45688	1	0	1
AT1G46408	0	1	1
AT1G46480	0	1	1
AT1G46552	1	1	1
AT1G46624	0	1	1
AT1G46768	0	1	1
AT1G46840	0	1	1
AT1G47860	1	0	1
AT1G47960	0	1	1
AT1G47970	1	1	1
AT1G47990	0	1	1
AT1G48000	0	1	1
AT1G48270	0	1	1
AT1G48280	0	1	1
AT1G48290	0	1	1
AT1G48380	1	0	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT1G48390	1	0	1
AT1G48405	1	0	1
AT1G48480	0	1	1
AT1G48490	0	1	1
AT1G48680	1	0	1
AT1G48742	0	1	1
AT1G48745	0	1	1
AT1G48830	1	0	1
AT1G48840	1	0	1
AT1G49330	1	0	1
AT1G49440	0	1	1
AT1G49450	0	1	1
AT1G49460	0	1	1
AT1G49490	0	1	1
AT1G49500	1	1	1
AT1G49510	0	1	1
AT1G49730	0	1	1
AT1G49740	0	1	1
AT1G49770	0	1	1
AT1G49780	0	1	1
AT1G49790	0	1	1
AT1G49840	0	1	1
AT1G50000	1	0	1
AT1G50010	1	0	1
AT1G50290	1	0	1
AT1G50420	0	1	1
AT1G50430	0	1	1
AT1G51085	0	1	1
AT1G51090	0	1	1
AT1G51130	0	1	1
AT1G51140	0	1	1
AT1G51160	0	1	1
AT1G51170	1	1	1
AT1G51172	0	1	1
AT1G51680	0	1	1
AT1G51690	0	1	1
AT1G51700	0	1	1
AT1G51710	0	1	1
AT1G51802	0	1	1
AT1G51805	0	1	1
AT1G51810	1	1	1
AT1G51940	0	1	1
AT1G51950	0	1	1
AT1G52565	0	1	1
AT1G52570	0	1	1
AT1G52770	0	1	1
AT1G52780	0	1	1
AT1G52880	0	1	1
AT1G52890	0	1	1
AT1G52900	0	1	1
AT1G53165	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G53170	1	1	1
AT1G53220	0	1	1
AT1G53230	0	1	1
AT1G53233	0	1	1
AT1G53420	0	1	1
AT1G53430	0	1	1
AT1G53440	0	1	1
AT1G53510	1	1	1
AT1G53520	0	1	1
AT1G53580	1	0	1
AT1G53690	1	0	1
AT1G53830	0	1	1
AT1G53840	0	1	1
AT1G54100	1	0	1
AT1G54110	1	0	1
AT1G54130	1	0	1
AT1G54200	0	1	1
AT1G54210	1	1	1
AT1G55110	0	1	1
AT1G55120	0	1	1
AT1G55325	0	1	1
AT1G55330	0	1	1
AT1G55360	1	0	1
AT1G55610	0	1	1
AT1G55620	0	1	1
AT1G55690	0	1	1
AT1G55700	0	1	1
AT1G56145	0	1	1
AT1G56150	0	1	1
AT1G56210	1	1	1
AT1G56220	0	1	1
AT1G56242	0	1	1
AT1G56250	0	1	1
AT1G56420	1	0	1
AT1G56540	1	0	1
AT1G56590	1	1	1
AT1G56600	0	1	1
AT1G56630	0	1	1
AT1G56640	0	1	1
AT1G56650	0	1	1
AT1G56660	0	1	1
AT1G56670	0	1	1
AT1G57600	1	1	1
AT1G57610	0	1	1
AT1G57640	1	0	1
AT1G57830	1	0	1
AT1G57980	0	1	1
AT1G57990	0	1	1
AT1G58007	0	1	1
AT1G58050	1	0	1
AT1G58340	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G58350	0	1	1
AT1G58410	0	1	1
AT1G58420	0	1	1
AT1G58520	0	1	1
AT1G58590	0	1	1
AT1G58602	0	1	1
AT1G59865	0	1	1
AT1G59870	0	1	1
AT1G59970	1	0	1
AT1G60075	1	0	1
AT1G60095	1	0	1
AT1G60150	0	1	1
AT1G60160	0	1	1
AT1G60190	1	0	1
AT1G61100	1	0	1
AT1G61370	0	1	1
AT1G61380	0	1	1
AT1G61390	0	1	1
AT1G61460	1	0	1
AT1G61660	0	1	1
AT1G61667	0	1	1
AT1G61730	0	1	1
AT1G61740	0	1	1
AT1G61750	0	1	1
AT1G61795	0	1	1
AT1G61800	0	1	1
AT1G61970	1	0	1
AT1G62085	1	0	1
AT1G62300	0	1	1
AT1G62305	0	1	1
AT1G62370	1	1	1
AT1G62380	1	1	1
AT1G62420	0	1	1
AT1G62430	0	1	1
AT1G62520	1	0	1
AT1G62570	0	1	1
AT1G62580	0	1	1
AT1G62950	1	0	1
AT1G63050	1	0	1
AT1G63090	1	1	1
AT1G63100	0	1	1
AT1G63120	0	1	1
AT1G63130	0	1	1
AT1G63240	0	1	1
AT1G63245	0	1	1
AT1G63710	1	1	1
AT1G63720	0	1	1
AT1G63730	0	1	1
AT1G63740	0	1	1
AT1G63750	0	1	1
AT1G63820	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G63830	0	1	1
AT1G63840	0	1	1
AT1G63850	0	1	1
AT1G63860	0	1	1
AT1G63870	0	1	1
AT1G63880	0	1	1
AT1G63900	0	1	1
AT1G64040	1	0	1
AT1G64060	1	0	1
AT1G64140	1	0	1
AT1G64150	1	0	1
AT1G64380	1	1	1
AT1G64385	0	1	1
AT1G64390	1	0	1
AT1G64450	1	0	1
AT1G64700	0	1	1
AT1G64710	0	1	1
AT1G65180	1	0	1
AT1G65295	0	1	1
AT1G65300	0	1	1
AT1G65585	0	1	1
AT1G65590	0	1	1
AT1G65610	0	1	1
AT1G65950	0	1	1
AT1G65960	0	1	1
AT1G66130	0	1	1
AT1G66140	0	1	1
AT1G66145	0	1	1
AT1G66150	0	1	1
AT1G66160	0	1	1
AT1G66170	1	0	1
AT1G66345	0	1	1
AT1G66350	0	1	1
AT1G66430	1	0	1
AT1G66470	0	1	1
AT1G66480	0	1	1
AT1G66550	0	1	1
AT1G66560	0	1	1
AT1G66590	0	1	1
AT1G66725	1	0	1
AT1G66750	0	1	1
AT1G66760	0	1	1
AT1G66870	0	1	1
AT1G66880	0	1	1
AT1G66890	1	1	1
AT1G66910	0	1	1
AT1G66920	0	1	1
AT1G66930	0	1	1
AT1G67140	1	0	1
AT1G67300	1	0	1
AT1G67360	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G67365	1	0	1
AT1G67890	0	1	1
AT1G67900	1	1	1
AT1G67910	0	1	1
AT1G67920	0	1	1
AT1G68100	0	1	1
AT1G68110	1	1	1
AT1G68120	0	1	1
AT1G68320	0	1	1
AT1G68330	0	1	1
AT1G68430	0	1	1
AT1G68440	1	1	1
AT1G68450	0	1	1
AT1G68520	0	1	1
AT1G68530	0	1	1
AT1G68620	1	0	1
AT1G68660	0	1	1
AT1G68670	0	1	1
AT1G68710	0	1	1
AT1G68720	0	1	1
AT1G68765	0	1	1
AT1G68780	0	1	1
AT1G68830	0	1	1
AT1G68840	0	1	1
AT1G68875	1	0	1
AT1G69150	1	1	1
AT1G69160	1	1	1
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AT1G69260	1	1	1
AT1G69295	0	1	1
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AT1G69310	0	1	1
AT1G69330	1	0	1
AT1G69340	1	0	1
AT1G69400	0	1	1
AT1G69410	1	1	1
AT1G69420	0	1	1
AT1G69440	0	1	1
AT1G69485	0	1	1
AT1G69490	0	1	1
AT1G69500	0	1	1
AT1G69510	0	1	1
AT1G69520	0	1	1
AT1G69526	0	1	1
AT1G69530	0	1	1
AT1G69570	1	1	1
AT1G69580	0	1	1
AT1G69600	0	1	1
AT1G69610	0	1	1
AT1G69740	0	1	1
AT1G69750	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G69760	0	1	1
AT1G69770	0	1	1
AT1G69840	0	1	1
AT1G69850	1	1	1
AT1G69860	0	1	1
AT1G69870	1	1	1
AT1G69880	0	1	1
AT1G69890	0	1	1
AT1G69900	0	1	1
AT1G69910	1	0	1
AT1G69930	0	1	1
AT1G69935	0	1	1
AT1G70090	1	0	1
AT1G70200	0	1	1
AT1G70210	1	1	1
AT1G70260	0	1	1
AT1G70270	1	1	1
AT1G70280	0	1	1
AT1G70290	0	1	1
AT1G70300	1	1	1
AT1G70310	0	1	1
AT1G70370	1	1	1
AT1G70380	0	1	1
AT1G70420	0	1	1
AT1G70490	1	0	1
AT1G70520	0	1	1
AT1G70530	0	1	1
AT1G70540	1	1	1
AT1G70580	0	1	1
AT1G70590	1	1	1
AT1G70700	0	1	1
AT1G70710	0	1	1
AT1G70720	0	1	1
AT1G70740	0	1	1
AT1G70750	0	1	1
AT1G70770	0	1	1
AT1G70780	0	1	1
AT1G70790	0	1	1
AT1G70940	0	1	1
AT1G70950	1	1	1
AT1G71015	0	1	1
AT1G71020	0	1	1
AT1G71030	1	1	1
AT1G71040	0	1	1
AT1G71050	0	1	1
AT1G71080	1	0	1
AT1G71140	0	1	1
AT1G71150	0	1	1
AT1G71400	1	0	1
AT1G71500	0	1	1
AT1G71520	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G71870	1	1	1
AT1G71880	1	1	1
AT1G71920	1	1	1
AT1G71930	0	1	1
AT1G71950	0	1	1
AT1G71960	0	1	1
AT1G71970	0	1	1
AT1G72020	1	0	1
AT1G72100	1	0	1
AT1G72150	0	1	1
AT1G72160	0	1	1
AT1G72175	0	1	1
AT1G72180	1	1	1
AT1G72250	1	0	1
AT1G72410	0	1	1
AT1G72416	0	1	1
AT1G72420	0	1	1
AT1G72430	0	1	1
AT1G72440	0	1	1
AT1G72450	1	1	1
AT1G72460	0	1	1
AT1G72510	1	0	1
AT1G72560	1	0	1
AT1G72600	0	1	1
AT1G72610	0	1	1
AT1G72620	0	1	1
AT1G72645	1	0	1
AT1G72650	1	0	1
AT1G72690	0	1	1
AT1G72700	0	1	1
AT1G72810	1	0	1
AT1G73060	0	1	1
AT1G73080	0	1	1
AT1G73170	1	0	1
AT1G73390	0	1	1
AT1G73400	0	1	1
AT1G73470	1	0	1
AT1G73480	1	0	1
AT1G73490	0	1	1
AT1G73500	0	1	1
AT1G73510	0	1	1
AT1G73530	0	1	1
AT1G73540	0	1	1
AT1G73550	0	1	1
AT1G73660	0	1	1
AT1G73670	0	1	1
AT1G73870	0	1	1
AT1G73875	0	1	1
AT1G73880	1	1	1
AT1G74010	0	1	1
AT1G74020	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT1G74030	0	1	1
AT1G74330	1	0	1
AT1G74420	0	1	1
AT1G74430	0	1	1
AT1G74440	0	1	1
AT1G74450	0	1	1
AT1G74500	0	1	1
AT1G74510	0	1	1
AT1G74660	0	1	1
AT1G74670	1	1	1
AT1G74920	0	1	1
AT1G74930	0	1	1
AT1G74940	0	1	1
AT1G75070	0	1	1
AT1G75080	0	1	1
AT1G75180	1	0	1
AT1G75440	0	1	1
AT1G75450	1	1	1
AT1G75460	0	1	1
AT1G75480	0	1	1
AT1G75490	0	1	1
AT1G75500	0	1	1
AT1G75510	0	1	1
AT1G75520	0	1	1
AT1G75530	0	1	1
AT1G75700	0	1	1
AT1G75710	0	1	1
AT1G75720	0	1	1
AT1G75750	1	1	1
AT1G75760	0	1	1
AT1G75810	1	0	1
AT1G75830	0	1	1
AT1G76070	0	1	1
AT1G76080	0	1	1
AT1G76090	0	1	1
AT1G76100	0	1	1
AT1G76150	0	1	1
AT1G76160	0	1	1
AT1G76170	0	1	1
AT1G76180	0	1	1
AT1G76185	0	1	1
AT1G76240	1	0	1
AT1G76420	0	1	1
AT1G76430	0	1	1
AT1G76490	0	1	1
AT1G76500	1	1	1
AT1G76570	0	1	1
AT1G76580	1	1	1
AT1G76590	0	1	1
AT1G76600	0	1	1
AT1G76610	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G76620	0	1	1
AT1G76650	0	1	1
AT1G76660	0	1	1
AT1G76880	0	1	1
AT1G76890	0	1	1
AT1G76900	0	1	1
AT1G76980	0	1	1
AT1G76990	0	1	1
AT1G77050	0	1	1
AT1G77060	1	1	1
AT1G77080	0	1	1
AT1G77095	1	0	1
AT1G77440	0	1	1
AT1G77450	1	1	1
AT1G77490	0	1	1
AT1G77500	0	1	1
AT1G77630	0	1	1
AT1G77640	0	1	1
AT1G77682	0	1	1
AT1G77690	0	1	1
AT1G77730	0	1	1
AT1G77740	0	1	1
AT1G77750	0	1	1
AT1G77760	0	1	1
AT1G77765	0	1	1
AT1G77990	0	1	1
AT1G78000	0	1	1
AT1G78010	0	1	1
AT1G78020	0	1	1
AT1g78070	0	1	1
AT1G78080	0	1	1
AT1G78090	0	1	1
AT1G78095	0	1	1
AT1G78100	0	1	1
AT1G78170	1	0	1
AT1G78220	0	1	1
AT1G78230	0	1	1
AT1G78240	0	1	1
AT1G78250	0	1	1
AT1G78460	1	1	1
AT1G78470	0	1	1
AT1G78610	0	1	1
AT1G78620	0	1	1
AT1G78630	0	1	1
AT1G78700	1	0	1
AT1G78790	1	0	1
AT1G78850	0	1	1
AT1G78860	0	1	1
AT1G78980	1	0	1
AT1G79050	0	1	1
AT1G79060	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT1G79070	0	1	1
AT1G79110	1	1	1
AT1G79120	1	1	1
AT1G79150	0	1	1
AT1G79160	0	1	1
AT1G79170	0	1	1
AT1G79620	0	1	1
AT1G79630	1	1	1
AT1G79640	0	1	1
AT1G79700	1	0	1
AT1G80110	0	1	1
AT1G80120	0	1	1
AT1G80130	1	1	1
AT1G80133	0	1	1
AT1G80180	0	1	1
AT1G80190	0	1	1
AT1G80280	0	1	1
AT1G80290	0	1	1
AT1G80300	0	1	1
AT1G80420	0	1	1
AT1G80430	0	1	1
AT1G80440	1	1	1
AT1G80450	0	1	1
AT1G80460	1	1	1
AT1G80490	0	1	1
AT1G80500	0	1	1
AT1G80530	1	0	1
AT1G80600	0	1	1
AT1G80610	1	1	1
AT1G80620	1	1	1
AT1G80810	0	1	1
AT1G80820	0	1	1
AT1G80830	0	1	1
AT1G80840	0	1	1
AT1G80850	0	1	1
AT1G80870	1	0	1
AT2G01022	1	0	1
AT2G01034	1	0	1
AT2G01140	0	1	1
AT2G01150	0	1	1
AT2G01300	1	0	1
AT2G01410	0	1	1
AT2G01420	1	1	1
AT2G01430	0	1	1
AT2G01490	0	1	1
AT2G01500	0	1	1
AT2G01570	0	1	1
AT2G01580	0	1	1
AT2G01670	0	1	1
AT2G01680	0	1	1
AT2G01840	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G01850	0	1	1
AT2G02440	0	1	1
AT2G02450	0	1	1
AT2G02810	1	0	1
AT2G02860	0	1	1
AT2G02870	0	1	1
AT2G03010	0	1	1
AT2G03020	0	1	1
AT2G03030	0	1	1
AT2G03340	0	1	1
AT2G03350	0	1	1
AT2G03720	0	1	1
AT2G03730	0	1	1
AT2G03740	0	1	1
AT2G03750	0	1	1
AT2G03760	0	1	1
AT2G03890	0	1	1
AT2G03900	0	1	1
AT2G04270	1	0	1
AT2G04510	0	1	1
AT2G04515	0	1	1
AT2G04790	0	1	1
AT2G04795	0	1	1
AT2G04800	0	1	1
AT2G05110	1	0	1
AT2G05185	1	0	1
AT2G05240	1	0	1
AT2G05567	1	0	1
AT2G05780	0	1	1
AT2G05790	1	1	1
AT2G05960	1	0	1
AT2G06290	1	0	1
AT2G06490	1	0	1
AT2G06760	1	0	1
AT2G06860	1	0	1
AT2G06885	1	0	1
AT2G07010	1	0	1
AT2G07120	1	0	1
AT2G07410	1	0	1
AT2G07440	1	0	1
AT2G07450	1	0	1
AT2G07650	1	0	1
AT2G07660	1	0	1
AT2G07697	1	0	1
AT2G07730	1	0	1
AT2G07750	1	0	1
AT2G07770	1	0	1
AT2G07772	1	0	1
AT2G09880	1	0	1
AT2G09890	1	0	1
AT2G09910	1	0	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT2G10160	1	0	1
AT2G10250	1	0	1
AT2G10320	1	0	1
AT2G10490	1	0	1
AT2G10880	1	0	1
AT2G10930	0	1	1
AT2G10940	0	1	1
AT2G11060	1	0	1
AT2G11070	1	0	1
AT2G11230	1	0	1
AT2G11290	1	0	1
AT2G11310	1	0	1
AT2G11507	1	0	1
AT2G11520	1	0	1
AT2G11620	1	0	1
AT2G11630	1	0	1
AT2G11770	1	0	1
AT2G11790	1	0	1
AT2G12020	1	0	1
AT2G12460	0	1	1
AT2G12462	1	1	1
AT2G12465	0	1	1
AT2G12500	1	0	1
AT2G12510	1	0	1
AT2G12930	1	0	1
AT2G13040	1	0	1
AT2G13150	1	0	1
AT2G13850	1	0	1
AT2G13890	1	0	1
AT2G14200	0	1	1
AT2G14210	1	1	1
AT2G14850	1	0	1
AT2G14970	1	0	1
AT2G15070	0	1	1
AT2G15080	0	1	1
AT2G15090	0	1	1
AT2G15390	1	1	1
AT2G15400	0	1	1
AT2G15470	0	1	1
AT2G15480	1	1	1
AT2G15490	1	1	1
AT2G15820	0	1	1
AT2G15830	0	1	1
AT2G15840	0	1	1
AT2G15920	1	0	1
AT2G16240	0	1	1
AT2G16245	0	1	1
AT2G16595	0	1	1
AT2G16600	0	1	1
AT2G16610	0	1	1
AT2G16640	1	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT2G16650	0	1	1
AT2G16660	0	1	1
AT2G16670	1	1	1
AT2G16690	0	1	1
AT2G16700	0	1	1
AT2G16710	0	1	1
AT2G16720	1	1	1
AT2G16730	0	1	1
AT2G16870	1	0	1
AT2G16930	1	0	1
AT2G17036	0	1	1
AT2G17040	0	1	1
AT2G17220	0	1	1
AT2G17230	0	1	1
AT2G17350	1	0	1
AT2G17360	1	0	1
AT2G17450	0	1	1
AT2G17460	0	1	1
AT2G17490	0	1	1
AT2G17500	0	1	1
AT2G17705	0	1	1
AT2G17710	0	1	1
AT2G17740	1	0	1
AT2G17790	1	0	1
AT2G17830	1	0	1
AT2G17870	1	0	1
AT2G18090	1	0	1
AT2G18300	0	1	1
AT2G18310	0	1	1
AT2G18690	0	1	1
AT2G18700	0	1	1
AT2G18780	0	1	1
AT2G18790	0	1	1
AT2G18950	0	1	1
AT2G18960	1	1	1
AT2G18970	0	1	1
AT2G19150	1	0	1
AT2G19180	1	0	1
AT2G19200	1	0	1
AT2G19780	1	1	1
AT2G19790	0	1	1
AT2G20340	0	1	1
AT2G20350	1	1	1
AT2G20370	1	0	1
AT2G20480	1	0	1
AT2G20490	1	0	1
AT2G20515	1	1	1
AT2G20520	0	1	1
AT2G20562	0	1	1
AT2G20570	0	1	1
AT2G20580	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G20780	1	0	1
AT2G20830	0	1	1
AT2G20835	0	1	1
AT2G20840	0	1	1
AT2G20980	1	0	1
AT2G21170	0	1	1
AT2G21180	0	1	1
AT2G21185	0	1	1
AT2G21200	0	1	1
AT2G21210	1	1	1
AT2G21220	0	1	1
AT2G21465	1	0	1
AT2G21490	0	1	1
AT2G21500	0	1	1
AT2G21510	0	1	1
AT2G21770	0	1	1
AT2G21780	0	1	1
AT2G22010	1	0	1
AT2G22320	0	1	1
AT2G22330	1	1	1
AT2G22335	0	1	1
AT2G22425	0	1	1
AT2G22430	0	1	1
AT2G22490	0	1	1
AT2G22500	0	1	1
AT2G22510	0	1	1
AT2G22590	1	0	1
AT2G22668	0	1	1
AT2G22670	0	1	1
AT2G22805	1	0	1
AT2G22820	0	1	1
AT2G22830	0	1	1
AT2G22850	0	1	1
AT2G22860	0	1	1
AT2G22980	0	1	1
AT2G22990	1	1	1
AT2G23060	1	0	1
AT2G23100	1	0	1
AT2G23120	0	1	1
AT2G23130	0	1	1
AT2G23170	0	1	1
AT2G23180	0	1	1
AT2G23290	0	1	1
AT2G23300	0	1	1
AT2G23310	0	1	1
AT2G23320	0	1	1
AT2G23330	0	1	1
AT2G23430	1	0	1
AT2G23450	0	1	1
AT2G23460	1	1	1
AT2G23680	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G23690	0	1	1
AT2G23700	0	1	1
AT2G23760	0	1	1
AT2G23770	0	1	1
AT2G24150	0	1	1
AT2G24160	0	1	1
AT2G24165	0	1	1
AT2G24480	1	0	1
AT2G24560	0	1	1
AT2G24570	1	1	1
AT2G24580	0	1	1
AT2G24915	1	0	1
AT2G25090	1	0	1
AT2G25200	1	1	1
AT2G25210	0	1	1
AT2G25440	0	1	1
AT2G25450	0	1	1
AT2G25460	0	1	1
AT2G25470	0	1	1
AT2G25482	0	1	1
AT2G25490	0	1	1
AT2G25500	0	1	1
AT2G26200	1	0	1
AT2G26520	0	1	1
AT2G26530	0	1	1
AT2G26540	0	1	1
AT2G26560	0	1	1
AT2G26570	0	1	1
AT2G27050	0	1	1
AT2G27060	0	1	1
AT2G27315	0	1	1
AT2G27500	1	1	1
AT2G27505	0	1	1
AT2G27630	1	0	1
AT2G27690	0	1	1
AT2G27700	0	1	1
AT2G27770	0	1	1
AT2G27775	0	1	1
AT2G28053	0	1	1
AT2G28056	0	1	1
AT2G28060	0	1	1
AT2G28120	0	1	1
AT2G28130	1	1	1
AT2G28340	0	1	1
AT2G28350	0	1	1
AT2G28355	0	1	1
AT2G28360	0	1	1
AT2G28400	1	1	1
AT2G28405	0	1	1
AT2G28470	1	0	1
AT2G28630	1	0	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT2G28830	0	1	1
AT2G28840	0	1	1
AT2G28850	0	1	1
AT2G28900	0	1	1
AT2G28920	0	1	1
AT2G28930	0	1	1
AT2G28940	0	1	1
AT2G28950	0	1	1
AT2G29050	1	0	1
AT2G29080	1	0	1
AT2G29110	0	1	1
AT2G29120	0	1	1
AT2G29125	0	1	1
AT2G29210	1	0	1
AT2G29270	0	1	1
AT2G29280	1	1	1
AT2G29290	0	1	1
AT2G29380	0	1	1
AT2G29390	1	1	1
AT2G29400	1	1	1
AT2G29410	0	1	1
AT2G29500	1	0	1
AT2G29510	1	0	1
AT2G29560	1	0	1
AT2G29570	1	0	1
AT2G29650	1	0	1
AT2G29660	1	1	1
AT2G29670	0	1	1
AT2G29680	0	1	1
AT2G29970	0	1	1
AT2G29980	0	1	1
AT2G29990	0	1	1
AT2G30020	0	1	1
AT2G30040	0	1	1
AT2G30060	0	1	1
AT2G30070	1	1	1
AT2G30420	0	1	1
AT2G30430	0	1	1
AT2G30490	0	1	1
AT2G30500	0	1	1
AT2G30520	1	1	1
AT2G30530	1	1	1
AT2G30590	0	1	1
AT2G30600	0	1	1
AT2G30615	0	1	1
AT2G30650	1	0	1
AT2G30850	0	1	1
AT2G30860	0	1	1
AT2G30990	0	1	1
AT2G31005	1	1	1
AT2G31010	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G31082	0	1	1
AT2G31083	0	1	1
AT2G31230	0	1	1
AT2G31240	0	1	1
AT2G31380	0	1	1
AT2G31390	0	1	1
AT2G31400	0	1	1
AT2G31550	0	1	1
AT2G31560	0	1	1
AT2G31570	0	1	1
AT2G31580	0	1	1
AT2G31585	0	1	1
AT2G31590	0	1	1
AT2G31730	0	1	1
AT2G31740	0	1	1
AT2G31880	1	0	1
AT2G31920	1	0	1
AT2G32000	0	1	1
AT2G32010	0	1	1
AT2G32020	0	1	1
AT2G32080	0	1	1
AT2G32090	0	1	1
AT2G32100	0	1	1
AT2G32140	0	1	1
AT2G32150	0	1	1
AT2G32540	0	1	1
AT2G32550	0	1	1
AT2G32560	0	1	1
AT2G32580	0	1	1
AT2G32930	1	1	1
AT2G32940	0	1	1
AT2G32950	0	1	1
AT2G32960	0	1	1
AT2G32970	0	1	1
AT2G33020	1	0	1
AT2G33470	0	1	1
AT2G33480	0	1	1
AT2G33490	0	1	1
AT2G33707	0	1	1
AT2G33710	0	1	1
AT2G33720	0	1	1
AT2G33847	1	0	1
AT2G34060	0	1	1
AT2G34070	0	1	1
AT2G34080	0	1	1
AT2G34185	0	1	1
AT2G34190	1	1	1
AT2G34480	1	1	1
AT2G34490	1	1	1
AT2G34500	1	1	1
AT2G34640	1	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT2G34650	0	1	1
AT2G34710	1	0	1
AT2G34810	0	1	1
AT2G34820	1	1	1
AT2G35000	1	0	1
AT2G35200	0	1	1
AT2G35210	0	1	1
AT2G35460	0	1	1
AT2G35470	0	1	1
AT2G35480	0	1	1
AT2G35620	1	0	1
AT2G35640	0	1	1
AT2G35650	0	1	1
AT2G35660	0	1	1
AT2G35670	0	1	1
AT2G35810	0	1	1
AT2G35820	0	1	1
AT2G35880	1	0	1
AT2G35920	0	1	1
AT2G35930	0	1	1
AT2G35940	0	1	1
AT2G35945	0	1	1
AT2G35950	1	1	1
AT2G36050	0	1	1
AT2G36060	0	1	1
AT2G36210	0	1	1
AT2G36220	0	1	1
AT2G36230	0	1	1
AT2G36240	0	1	1
AT2G36310	0	1	1
AT2G36320	0	1	1
AT2G36325	0	1	1
AT2G36330	0	1	1
AT2G36340	0	1	1
AT2G36350	0	1	1
AT2G36590	0	1	1
AT2G36600	0	1	1
AT2G36620	0	1	1
AT2G36630	0	1	1
AT2G36760	0	1	1
AT2G36770	0	1	1
AT2G36780	0	1	1
AT2G36790	1	0	1
AT2G36792	1	0	1
AT2G36800	0	1	1
AT2G36810	0	1	1
AT2G36820	0	1	1
AT2G36830	0	1	1
AT2G36850	1	0	1
AT2G36960	0	1	1
AT2G36970	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT2G37170	1	1	1
AT2G37180	1	1	1
AT2G37440	1	0	1
AT2G37600	1	0	1
AT2G37710	0	1	1
AT2G37720	0	1	1
AT2G38000	0	1	1
AT2G38010	0	1	1
AT2G38040	1	0	1
AT2G38050	1	0	1
AT2G38110	0	1	1
AT2G38120	0	1	1
AT2G38130	0	1	1
AT2G38210	1	0	1
AT2G38230	0	1	1
AT2G38240	0	1	1
AT2G38250	0	1	1
AT2G38440	1	0	1
AT2G38790	0	1	1
AT2G38800	0	1	1
AT2G38820	1	0	1
AT2G38860	0	1	1
AT2G38870	0	1	1
AT2G38880	0	1	1
AT2G39000	0	1	1
AT2G39010	0	1	1
AT2G39200	1	1	1
AT2G39210	0	1	1
AT2G39220	0	1	1
AT2G39360	0	1	1
AT2G39370	0	1	1
AT2G39450	1	1	1
AT2G39460	0	1	1
AT2G39620	1	0	1
AT2G39650	0	1	1
AT2G39660	0	1	1
AT2G39700	0	1	1
AT2G39705	1	1	1
AT2G39710	1	1	1
AT2G39760	0	1	1
AT2G39770	0	1	1
AT2G39800	0	1	1
AT2G39805	0	1	1
AT2G39810	1	0	1
AT2G39860	1	1	1
AT2G39870	0	1	1
AT2G39975	0	1	1
AT2G39990	0	1	1
AT2G40000	0	1	1
AT2G40008	0	1	1
AT2G40090	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G40095	0	1	1
AT2G40100	0	1	1
AT2G40130	1	1	1
AT2G40270	0	1	1
AT2G40280	0	1	1
AT2G40450	0	1	1
AT2G40460	0	1	1
AT2G40610	0	1	1
AT2G40620	0	1	1
AT2G40630	0	1	1
AT2G41000	0	1	1
AT2G41010	0	1	1
AT2G41020	0	1	1
AT2G41090	0	1	1
AT2G41100	0	1	1
AT2G41110	0	1	1
AT2G41170	0	1	1
AT2G41178	0	1	1
AT2G41180	0	1	1
AT2G41220	0	1	1
AT2G41230	0	1	1
AT2G41240	0	1	1
AT2G41250	0	1	1
AT2G41290	1	0	1
AT2G41300	0	1	1
AT2G41310	0	1	1
AT2G41370	0	1	1
AT2G41420	1	1	1
AT2G41430	0	1	1
AT2G41440	0	1	1
AT2G41500	1	0	1
AT2G41630	0	1	1
AT2G41640	0	1	1
AT2G41650	0	1	1
AT2G41660	0	1	1
AT2G41670	0	1	1
AT2G41710	1	0	1
AT2G41860	0	1	1
AT2G41870	1	1	1
AT2G41880	0	1	1
AT2G41890	0	1	1
AT2G41900	1	1	1
AT2G41930	0	1	1
AT2G41940	1	1	1
AT2G41945	0	1	1
AT2G41980	0	1	1
AT2G41990	0	1	1
AT2G41997	0	1	1
AT2G42280	0	1	1
AT2G42290	0	1	1
AT2G42300	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G42430	0	1	1
AT2G42440	0	1	1
AT2G42570	0	1	1
AT2G42580	0	1	1
AT2G42600	0	1	1
AT2G42610	0	1	1
AT2G42620	1	1	1
AT2G42750	0	1	1
AT2G42760	0	1	1
AT2G42770	0	1	1
AT2G42800	0	1	1
AT2G42870	0	1	1
AT2G42880	0	1	1
AT2G42890	1	0	1
AT2G42940	0	1	1
AT2G42950	0	1	1
AT2G42955	0	1	1
AT2G42960	0	1	1
AT2G42970	0	1	1
AT2G42975	0	1	1
AT2G42980	0	1	1
AT2G43050	0	1	1
AT2G43060	1	1	1
AT2G43290	0	1	1
AT2G43300	0	1	1
AT2G43330	0	1	1
AT2G43340	0	1	1
AT2G43670	0	1	1
AT2G43680	0	1	1
AT2G43910	0	1	1
AT2G43920	0	1	1
AT2G44070	0	1	1
AT2G44080	0	1	1
AT2G44120	0	1	1
AT2G44130	1	0	1
AT2G44140	1	1	1
AT2G44150	1	0	1
AT2G44210	0	1	1
AT2G44220	0	1	1
AT2G44230	0	1	1
AT2G44360	0	1	1
AT2G44370	0	1	1
AT2G44380	0	1	1
AT2G44390	0	1	1
AT2G44490	0	1	1
AT2G44500	0	1	1
AT2G44660	1	1	1
AT2G44670	0	1	1
AT2G44760	0	1	1
AT2G44770	0	1	1
AT2G44910	1	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT2G44920	1	1	1
AT2G44930	0	1	1
AT2G44940	1	1	1
AT2G44950	0	1	1
AT2G45030	1	0	1
AT2G45070	0	1	1
AT2G45080	0	1	1
AT2G45160	0	1	1
AT2G45170	0	1	1
AT2G45180	0	1	1
AT2G45190	0	1	1
AT2G45200	0	1	1
AT2G45210	1	1	1
AT2G45230	1	0	1
AT2G45300	0	1	1
AT2G45310	1	1	1
AT2G45350	0	1	1
AT2G45360	1	1	1
AT2G45380	1	1	1
AT2G45390	0	1	1
AT2G45430	1	0	1
AT2G45490	1	0	1
AT2G45590	0	1	1
AT2G45600	1	1	1
AT2G45660	0	1	1
AT2G45670	0	1	1
AT2G45680	1	1	1
AT2G45690	0	1	1
AT2G45720	1	0	1
AT2G45830	1	0	1
AT2G45880	1	0	1
AT2G45900	0	1	1
AT2G45910	0	1	1
AT2G45950	1	1	1
AT2G45960	0	1	1
AT2G46060	1	0	1
AT2G46140	0	1	1
AT2G46150	0	1	1
AT2G46160	0	1	1
AT2G46210	1	1	1
AT2G46220	0	1	1
AT2G46225	1	1	1
AT2G46270	1	0	1
AT2G46300	0	1	1
AT2G46310	1	1	1
AT2G46320	0	1	1
AT2G46340	0	1	1
AT2G46360	0	1	1
AT2G46370	0	1	1
AT2G46380	1	0	1
AT2G46410	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT2G46420	0	1	1
AT2G46510	1	1	1
AT2G46520	1	1	1
AT2G46530	0	1	1
AT2G46660	1	1	1
AT2G46670	0	1	1
AT2G46680	0	1	1
AT2G46685	0	1	1
AT2G46710	0	1	1
AT2G46720	0	1	1
AT2G46730	1	1	1
AT2G46800	0	1	1
AT2G46810	0	1	1
AT2G46820	0	1	1
AT2G46850	0	1	1
AT2G46860	0	1	1
AT2G46870	0	1	1
AT2G46950	1	0	1
AT2G46970	1	1	1
AT2G46980	0	1	1
AT2G47000	1	1	1
AT2G47010	0	1	1
AT2G47060	0	1	1
AT2G47070	0	1	1
AT2G47160	0	1	1
AT2G47180	0	1	1
AT2G47190	0	1	1
AT2G47200	0	1	1
AT2G47230	1	0	1
AT2G47250	0	1	1
AT2G47260	0	1	1
AT2G47270	0	1	1
AT2G47330	1	0	1
AT2G47430	0	1	1
AT2G47440	0	1	1
AT2G47650	1	0	1
AT2G47720	0	1	1
AT2G47730	0	1	1
AT2G47980	1	0	1
AT2G48000	0	1	1
AT2G48010	0	1	1
AT3G01070	0	1	1
AT3G01080	0	1	1
AT3G01140	0	1	1
AT3G01150	0	1	1
AT3G01160	1	0	1
AT3G01460	1	0	1
AT3G01820	1	0	1
AT3G01830	1	0	1
AT3G02140	0	1	1
AT3G02150	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G02170	0	1	1
AT3G02180	0	1	1
AT3G02540	0	1	1
AT3G02550	1	1	1
AT3G02555	0	1	1
AT3G02560	0	1	1
AT3G02570	0	1	1
AT3G02580	0	1	1
AT3G02750	0	1	1
AT3G02760	0	1	1
AT3G02870	0	1	1
AT3G02875	0	1	1
AT3G02880	0	1	1
AT3G03310	1	0	1
AT3G03320	1	0	1
AT3G03620	1	0	1
AT3G03830	1	0	1
AT3G03840	1	0	1
AT3G04070	0	1	1
AT3G04080	0	1	1
AT3G04210	0	1	1
AT3G04220	0	1	1
AT3G04290	1	0	1
AT3G04360	1	0	1
AT3G04420	0	1	1
AT3G04430	0	1	1
AT3G04460	1	0	1
AT3G04470	0	1	1
AT3G04480	0	1	1
AT3G04605	1	0	1
AT3G04730	0	1	1
AT3G04735	0	1	1
AT3G04903	0	1	1
AT3G04910	0	1	1
AT3G04920	0	1	1
AT3G05030	0	1	1
AT3G05040	0	1	1
AT3G05110	0	1	1
AT3G05120	0	1	1
AT3G05190	0	1	1
AT3G05200	0	1	1
AT3G05210	0	1	1
AT3G05220	0	1	1
AT3G05320	1	1	1
AT3G05327	0	1	1
AT3G05415	1	0	1
AT3G05480	0	1	1
AT3G05490	0	1	1
AT3G05500	1	0	1
AT3G05600	1	0	1
AT3G05640	1	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G05650	0	1	1
AT3G05660	1	1	1
AT3G05670	1	1	1
AT3G05690	0	1	1
AT3G05700	0	1	1
AT3G05800	0	1	1
AT3G05810	1	1	1
AT3G05900	0	1	1
AT3G05910	0	1	1
AT3G05920	0	1	1
AT3G05935	0	1	1
AT3G05937	0	1	1
AT3G06030	0	1	1
AT3G06060	0	1	1
AT3G06070	0	1	1
AT3G06080	1	1	1
AT3G06090	0	1	1
AT3G06125	0	1	1
AT3G06130	0	1	1
AT3G06140	0	1	1
AT3G06300	1	0	1
AT3G06410	0	1	1
AT3G06420	0	1	1
AT3G06433	1	0	1
AT3G06490	0	1	1
AT3G06500	1	1	1
AT3G06550	0	1	1
AT3G06560	0	1	1
AT3G06740	0	1	1
AT3G06750	0	1	1
AT3G06760	1	1	1
AT3G06860	0	1	1
AT3G06870	0	1	1
AT3G06880	0	1	1
AT3G06890	0	1	1
AT3G07310	0	1	1
AT3G07320	1	1	1
AT3G07350	1	1	1
AT3G07360	1	1	1
AT3G07380	0	1	1
AT3G07390	0	1	1
AT3G07460	1	1	1
AT3G07470	0	1	1
AT3G07540	0	1	1
AT3G07550	0	1	1
AT3G08020	1	1	1
AT3G08030	1	1	1
AT3G08620	0	1	1
AT3G08630	0	1	1
AT3G08640	0	1	1
AT3G08650	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G08660	0	1	1
AT3G08760	0	1	1
AT3G08770	0	1	1
AT3G09032	0	1	1
AT3G09040	0	1	1
AT3G09530	0	1	1
AT3G09540	0	1	1
AT3G09560	1	0	1
AT3G09570	1	0	1
AT3G09590	1	0	1
AT3G09595	0	1	1
AT3G09600	0	1	1
AT3G10020	0	1	1
AT3G10030	0	1	1
AT3G10035	0	1	1
AT3G10040	0	1	1
AT3G10050	0	1	1
AT3G10100	1	0	1
AT3G10113	1	0	1
AT3G10116	0	1	1
AT3G10120	0	1	1
AT3G10330	1	0	1
AT3G10720	1	1	1
AT3G10730	0	1	1
AT3G10980	0	1	1
AT3G10985	0	1	1
AT3G10990	0	1	1
AT3G11130	1	0	1
AT3G11150	1	0	1
AT3G11160	0	1	1
AT3G11170	0	1	1
AT3G11350	1	0	1
AT3G11410	0	1	1
AT3G11420	0	1	1
AT3G11430	0	1	1
AT3G11470	0	1	1
AT3G11480	0	1	1
AT3G11650	0	1	1
AT3G11660	0	1	1
AT3G11680	1	1	1
AT3G11690	1	1	1
AT3G11700	0	1	1
AT3G11710	0	1	1
AT3G11770	1	0	1
AT3G12110	0	1	1
AT3G12120	1	1	1
AT3G12130	0	1	1
AT3G12143	0	1	1
AT3G12145	0	1	1
AT3G12150	0	1	1
AT3G12160	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G12220	0	1	1
AT3G12230	0	1	1
AT3G12240	0	1	1
AT3G12280	1	0	1
AT3G12290	1	0	1
AT3G12300	1	0	1
AT3G12320	1	0	1
AT3G12560	1	0	1
AT3G12610	0	1	1
AT3G12620	0	1	1
AT3G12900	0	1	1
AT3G12910	0	1	1
AT3G12915	0	1	1
AT3G12920	0	1	1
AT3G12930	0	1	1
AT3G13040	1	0	1
AT3G13062	1	0	1
AT3G13065	1	0	1
AT3G13110	0	1	1
AT3G13120	0	1	1
AT3G13220	1	0	1
AT3G13310	0	1	1
AT3G13320	0	1	1
AT3G13370	0	1	1
AT3G13380	1	1	1
AT3G13430	1	0	1
AT3G13500	0	1	1
AT3G13510	0	1	1
AT3G13520	0	1	1
AT3G13525	0	1	1
AT3G13560	1	0	1
AT3G13640	1	1	1
AT3G13650	0	1	1
AT3G13720	0	1	1
AT3G13730	1	1	1
AT3G13740	0	1	1
AT3G13750	0	1	1
AT3G13784	0	1	1
AT3G13790	0	1	1
AT3G13800	0	1	1
AT3G13810	0	1	1
AT3G13880	1	0	1
AT3G13970	1	1	1
AT3G13980	0	1	1
AT3G13990	1	0	1
AT3G14050	1	1	1
AT3G14060	0	1	1
AT3G14067	1	0	1
AT3G14180	1	0	1
AT3G14200	1	1	1
AT3G14205	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G14210	0	1	1
AT3G14230	0	1	1
AT3G14240	0	1	1
AT3G14300	0	1	1
AT3G14310	0	1	1
AT3G14320	0	1	1
AT3G14430	1	1	1
AT3G14440	1	1	1
AT3G14450	0	1	1
AT3G14730	1	0	1
AT3G14770	1	0	1
AT3G14840	0	1	1
AT3G14850	0	1	1
AT3G14855	0	1	1
AT3G14860	0	1	1
AT3G14870	0	1	1
AT3G14880	0	1	1
AT3G15010	0	1	1
AT3G15020	0	1	1
AT3G15030	0	1	1
AT3G15040	0	1	1
AT3G15050	0	1	1
AT3G15090	0	1	1
AT3G15095	1	1	1
AT3G15140	1	0	1
AT3G15160	1	0	1
AT3G15200	0	1	1
AT3G15210	0	1	1
AT3G15220	1	1	1
AT3G15270	0	1	1
AT3G15350	1	0	1
AT3G15460	1	0	1
AT3G15490	0	1	1
AT3G15500	0	1	1
AT3G15510	0	1	1
AT3G15530	0	1	1
AT3G15540	0	1	1
AT3G15570	1	1	1
AT3G15580	0	1	1
AT3G15630	0	1	1
AT3G15640	0	1	1
AT3G15760	0	1	1
AT3G15770	0	1	1
AT3G15840	0	1	1
AT3G15850	0	1	1
AT3G16050	1	0	1
AT3G16175	0	1	1
AT3G16180	0	1	1
AT3G16190	0	1	1
AT3G16500	0	1	1
AT3G16510	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G16570	0	1	1
AT3G16580	0	1	1
AT3G16610	1	0	1
AT3G16630	1	0	1
AT3G16720	0	1	1
AT3G16730	0	1	1
AT3G16770	0	1	1
AT3G16780	0	1	1
AT3G16785	0	1	1
AT3G16800	0	1	1
AT3G16820	0	1	1
AT3G16830	1	1	1
AT3G16860	0	1	1
AT3G16870	0	1	1
AT3G17100	1	1	1
AT3G17110	0	1	1
AT3G17120	0	1	1
AT3G17360	1	0	1
AT3G17450	0	1	1
AT3G17510	0	1	1
AT3G17520	0	1	1
AT3G17640	1	0	1
AT3G18000	0	1	1
AT3G18040	1	0	1
AT3G18070	0	1	1
AT3G18080	1	1	1
AT3G18485	0	1	1
AT3G18490	0	1	1
AT3G18524	1	0	1
AT3G18710	1	0	1
AT3G18830	0	1	1
AT3G18840	0	1	1
AT3G18940	0	1	1
AT3G18950	0	1	1
AT3G19000	1	0	1
AT3G19030	0	1	1
AT3G19040	0	1	1
AT3G19050	1	0	1
AT3G19184	0	1	1
AT3G19190	0	1	1
AT3G19270	0	1	1
AT3G19280	0	1	1
AT3G19370	0	1	1
AT3G19380	1	1	1
AT3G19390	1	1	1
AT3G19430	1	0	1
AT3G19530	0	1	1
AT3G19540	0	1	1
AT3G19550	0	1	1
AT3G19590	1	0	1
AT3G19670	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G19680	1	1	1
AT3G19690	0	1	1
AT3G19700	0	1	1
AT3G19850	0	1	1
AT3G19860	0	1	1
AT3G19895	1	0	1
AT3G19920	0	1	1
AT3G19930	0	1	1
AT3G19940	0	1	1
AT3G20340	0	1	1
AT3G20350	0	1	1
AT3G20420	1	0	1
AT3G20655	0	1	1
AT3G20660	0	1	1
AT3G20670	0	1	1
AT3G20810	0	1	1
AT3G20820	1	1	1
AT3G20830	1	1	1
AT3G21050	1	0	1
AT3G21070	1	1	1
AT3G21080	0	1	1
AT3G21090	1	0	1
AT3G21100	1	0	1
AT3G21140	0	1	1
AT3G21150	0	1	1
AT3G21160	0	1	1
AT3G21210	1	0	1
AT3G21230	1	1	1
AT3G21240	0	1	1
AT3G21270	1	0	1
AT3G21320	1	1	1
AT3G21330	0	1	1
AT3G21350	0	1	1
AT3G21352	0	1	1
AT3G21420	0	1	1
AT3G21430	0	1	1
AT3G21660	1	0	1
AT3G21670	1	0	1
AT3G21740	0	1	1
AT3G21750	1	1	1
AT3G21755	0	1	1
AT3G21790	1	0	1
AT3G21820	1	0	1
AT3G21865	1	0	1
AT3G21870	1	0	1
AT3G22057	0	1	1
AT3G22060	0	1	1
AT3G22070	0	1	1
AT3G22120	0	1	1
AT3G22133	0	1	1
AT3G22370	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G22380	1	1	1
AT3G22400	0	1	1
AT3G22410	0	1	1
AT3G22415	0	1	1
AT3G22690	1	0	1
AT3G22790	1	0	1
AT3G22886	0	1	1
AT3G23020	0	1	1
AT3G23030	0	1	1
AT3G23040	1	1	1
AT3G23050	1	1	1
AT3G23060	0	1	1
AT3G23085	1	0	1
AT3G23210	0	1	1
AT3G23220	0	1	1
AT3G23245	0	1	1
AT3G23250	1	1	1
AT3G23400	1	1	1
AT3G23410	0	1	1
AT3G23550	0	1	1
AT3G23560	0	1	1
AT3G23810	0	1	1
AT3G23820	0	1	1
AT3G23890	1	0	1
AT3G23910	0	1	1
AT3G23920	0	1	1
AT3G23990	1	0	1
AT3G24040	0	1	1
AT3G24050	0	1	1
AT3G24060	0	1	1
AT3G24180	0	1	1
AT3G24190	0	1	1
AT3G24220	1	0	1
AT3G24420	0	1	1
AT3G24430	0	1	1
AT3G24490	0	1	1
AT3G24500	0	1	1
AT3G24503	0	1	1
AT3G24506	0	1	1
AT3G24517	0	1	1
AT3G24518	0	1	1
AT3G24520	0	1	1
AT3G24530	0	1	1
AT3G24570	1	0	1
AT3G24810	1	0	1
AT3G25060	0	1	1
AT3G25070	0	1	1
AT3G25450	1	0	1
AT3G25680	0	1	1
AT3G25690	0	1	1
AT3G25715	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G25717	1	1	1
AT3G25720	0	1	1
AT3G25727	0	1	1
AT3G25730	0	1	1
AT3G25760	0	1	1
AT3G25770	0	1	1
AT3G25780	1	1	1
AT3G25870	0	1	1
AT3G25880	0	1	1
AT3G25890	0	1	1
AT3G25900	0	1	1
AT3G25920	1	0	1
AT3G26200	0	1	1
AT3G26210	0	1	1
AT3G26220	0	1	1
AT3G26430	0	1	1
AT3G26440	0	1	1
AT3G26500	0	1	1
AT3G26510	1	1	1
AT3G26520	0	1	1
AT3G26530	0	1	1
AT3G26540	0	1	1
AT3G26810	1	0	1
AT3G26980	1	0	1
AT3G27160	0	1	1
AT3G27170	0	1	1
AT3G27210	1	0	1
AT3G27250	0	1	1
AT3G27260	1	1	1
AT3G27800	0	1	1
AT3G27810	0	1	1
AT3G27960	0	1	1
AT3G27965	0	1	1
AT3G28050	1	0	1
AT3G28170	0	1	1
AT3G28180	0	1	1
AT3G28190	0	1	1
AT3G28240	1	0	1
AT3G28380	1	0	1
AT3G28910	1	0	1
AT3G29480	1	0	1
AT3G29575	1	0	1
AT3G29641	1	0	1
AT3G29725	1	0	1
AT3G30170	1	1	1
AT3G30180	0	1	1
AT3G30413	1	0	1
AT3G30416	1	0	1
AT3G30418	1	0	1
AT3G30718	1	0	1
AT3G30775	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G30780	1	1	1
AT3G30790	1	0	1
AT3G30844	1	0	1
AT3G31356	1	0	1
AT3G31530	1	0	1
AT3G32060	1	0	1
AT3G32205	1	0	1
AT3G32210	1	0	1
AT3G32230	1	0	1
AT3G32250	1	0	1
AT3G32475	1	0	1
AT3G32912	1	0	1
AT3G33071	1	0	1
AT3G33189	1	0	1
AT3G33572	1	0	1
AT3G39230	1	0	1
AT3G42130	1	0	1
AT3G42256	1	0	1
AT3G42313	1	0	1
AT3G42445	1	0	1
AT3G42473	1	0	1
AT3G42478	1	0	1
AT3G42670	1	0	1
AT3G42730	1	0	1
AT3G43080	1	0	1
AT3G43152	1	0	1
AT3G43210	1	0	1
AT3G43352	1	0	1
AT3G43430	0	1	1
AT3G43433	0	1	1
AT3G44300	0	1	1
AT3G44310	0	1	1
AT3G44410	1	0	1
AT3G44420	1	0	1
AT3G44450	0	1	1
AT3G44460	0	1	1
AT3G44620	1	0	1
AT3G44796	1	0	1
AT3G45040	1	0	1
AT3G45130	0	1	1
AT3G45140	0	1	1
AT3G45170	1	0	1
AT3G45190	1	0	1
AT3G45260	0	1	1
AT3G45270	0	1	1
AT3G45330	1	0	1
AT3G45350	1	0	1
AT3G45370	1	0	1
AT3G45420	1	0	1
AT3G45555	1	0	1
AT3G45640	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G45650	0	1	1
AT3G45775	0	1	1
AT3G45780	0	1	1
AT3G45790	1	0	1
AT3G45840	1	0	1
AT3G45860	0	1	1
AT3G45870	0	1	1
AT3G46090	0	1	1
AT3G46100	0	1	1
AT3G46280	0	1	1
AT3G46290	0	1	1
AT3G46540	1	1	1
AT3G46550	0	1	1
AT3G46620	0	1	1
AT3G46630	0	1	1
AT3G46700	0	1	1
AT3G46710	0	1	1
AT3G47200	0	1	1
AT3G47210	0	1	1
AT3G47230	1	0	1
AT3G47420	0	1	1
AT3G47430	0	1	1
AT3G47610	0	1	1
AT3G47620	0	1	1
AT3G47630	0	1	1
AT3G47640	0	1	1
AT3G47660	1	0	1
AT3G47790	1	0	1
AT3G47830	1	0	1
AT3G47840	1	0	1
AT3G47960	0	1	1
AT3G47965	0	1	1
AT3G48110	1	0	1
AT3G48120	1	0	1
AT3G48235	0	1	1
AT3G48240	1	1	1
AT3G48250	0	1	1
AT3G48350	0	1	1
AT3G48360	1	1	1
AT3G48370	0	1	1
AT3G48520	0	1	1
AT3G48523	0	1	1
AT3G48620	1	0	1
AT3G48690	1	0	1
AT3G49110	0	1	1
AT3G49120	0	1	1
AT3G49210	0	1	1
AT3G49220	0	1	1
AT3G49350	0	1	1
AT3G49360	0	1	1
AT3G49570	1	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G49580	0	1	1
AT3G49610	0	1	1
AT3G49620	0	1	1
AT3G49770	0	1	1
AT3G49780	0	1	1
AT3G49790	1	1	1
AT3G49800	0	1	1
AT3G49810	0	1	1
AT3G49820	0	1	1
AT3G49940	0	1	1
AT3G49950	0	1	1
AT3G49970	1	1	1
AT3G49980	1	1	1
AT3G49990	0	1	1
AT3G50060	1	1	1
AT3G50070	0	1	1
AT3G50330	0	1	1
AT3G50340	0	1	1
AT3G50350	0	1	1
AT3G50410	0	1	1
AT3G50450	1	0	1
AT3G50520	0	1	1
AT3G50530	0	1	1
AT3G50560	0	1	1
AT3G50570	0	1	1
AT3G50650	0	1	1
AT3G50660	1	1	1
AT3G50665	0	1	1
AT3G50740	0	1	1
AT3G50750	1	1	1
AT3G50760	0	1	1
AT3G50770	0	1	1
AT3G50800	1	1	1
AT3G50810	0	1	1
AT3G50870	1	0	1
AT3G51240	1	0	1
AT3G51250	1	0	1
AT3G51360	0	1	1
AT3G51370	1	1	1
AT3G51400	1	1	1
AT3G51410	0	1	1
AT3G51480	1	0	1
AT3G51590	0	1	1
AT3G51600	0	1	1
AT3G51660	0	1	1
AT3G51670	0	1	1
AT3G51850	0	1	1
AT3G51860	1	1	1
AT3G51880	1	0	1
AT3G51895	0	1	1
AT3G51910	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G52060	0	1	1
AT3G52150	1	0	1
AT3G52400	0	1	1
AT3G52410	0	1	1
AT3G52440	0	1	1
AT3G52450	0	1	1
AT3G52460	0	1	1
AT3G52470	0	1	1
AT3G52500	0	1	1
AT3G52510	0	1	1
AT3G52520	0	1	1
AT3G52705	0	1	1
AT3G52710	0	1	1
AT3G52720	0	1	1
AT3G52870	0	1	1
AT3G52880	0	1	1
AT3G52930	1	0	1
AT3G53230	0	1	1
AT3G53232	0	1	1
AT3G53270	0	1	1
AT3G53380	0	1	1
AT3G53390	0	1	1
AT3G53420	1	1	1
AT3G53430	0	1	1
AT3G53480	1	0	1
AT3G53540	0	1	1
AT3G53550	0	1	1
AT3G53590	0	1	1
AT3G53600	0	1	1
AT3G53810	0	1	1
AT3G53820	0	1	1
AT3G53850	1	0	1
AT3G53990	1	0	1
AT3G54020	0	1	1
AT3G54030	1	1	1
AT3G54460	1	0	1
AT3G54690	1	0	1
AT3G54700	1	0	1
AT3G54900	1	0	1
AT3G54910	0	1	1
AT3G54920	0	1	1
AT3G54930	0	1	1
AT3G54940	0	1	1
AT3G54950	0	1	1
AT3G54990	0	1	1
AT3G55000	0	1	1
AT3G55230	0	1	1
AT3G55240	0	1	1
AT3G55250	0	1	1
AT3G55570	0	1	1
AT3G55650	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G55730	0	1	1
AT3G55734	0	1	1
AT3G55950	1	0	1
AT3G55960	1	0	1
AT3G55970	0	1	1
AT3G55980	0	1	1
AT3G55990	0	1	1
AT3G56050	0	1	1
AT3G56060	0	1	1
AT3G56070	0	1	1
AT3G56080	1	0	1
AT3G56090	1	0	1
AT3G56190	0	1	1
AT3G56200	0	1	1
AT3G56270	0	1	1
AT3G56275	0	1	1
AT3G56360	1	0	1
AT3G56400	0	1	1
AT3G56410	0	1	1
AT3G56690	1	0	1
AT3G56705	0	1	1
AT3G56710	0	1	1
AT3G56720	0	1	1
AT3G56800	0	1	1
AT3G56810	0	1	1
AT3G56820	0	1	1
AT3G56880	0	1	1
AT3G56890	0	1	1
AT3G57020	0	1	1
AT3G57030	0	1	1
AT3G57320	0	1	1
AT3G57330	0	1	1
AT3G57340	0	1	1
AT3G57390	0	1	1
AT3G57400	1	1	1
AT3G57520	0	1	1
AT3G57530	0	1	1
AT3G57540	1	1	1
AT3G57550	0	1	1
AT3G57560	0	1	1
AT3G57620	1	0	1
AT3G57790	0	1	1
AT3G57800	1	1	1
AT3G57810	0	1	1
AT3G57870	0	1	1
AT3G57880	0	1	1
AT3G57890	0	1	1
AT3G57990	1	0	1
AT3G58070	0	1	1
AT3G58080	0	1	1
AT3G58090	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT3G58110	0	1	1
AT3G58120	0	1	1
AT3G58130	0	1	1
AT3G58190	0	1	1
AT3G58193	0	1	1
AT3G58520	1	0	1
AT3G58610	0	1	1
AT3G58620	0	1	1
AT3G58640	0	1	1
AT3G58650	0	1	1
AT3G58850	1	1	1
AT3G58860	0	1	1
AT3G58930	1	0	1
AT3G59060	1	1	1
AT3G59070	0	1	1
AT3G59660	1	0	1
AT3G59760	0	1	1
AT3G59765	0	1	1
AT3G59770	0	1	1
AT3G59880	0	1	1
AT3G59890	0	1	1
AT3G59923	1	0	1
AT3G59926	1	0	1
AT3G59990	1	0	1
AT3G60080	0	1	1
AT3G60090	0	1	1
AT3G60100	1	0	1
AT3G60160	0	1	1
AT3G60170	1	1	1
AT3G60190	0	1	1
AT3G60200	0	1	1
AT3G60280	0	1	1
AT3G60290	0	1	1
AT3G60300	0	1	1
AT3G60310	0	1	1
AT3G60320	0	1	1
AT3G60330	0	1	1
AT3G60340	0	1	1
AT3G60380	0	1	1
AT3G60390	0	1	1
AT3G60400	1	1	1
AT3G60520	1	1	1
AT3G60530	0	1	1
AT3G60540	0	1	1
AT3G60550	1	1	1
AT3G60680	1	1	1
AT3G60690	1	1	1
AT3G60700	0	1	1
AT3G60970	1	0	1
AT3G61050	0	1	1
AT3G61060	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT3G61130	0	1	1
AT3G61140	0	1	1
AT3G61150	0	1	1
AT3G61160	0	1	1
AT3G61185	0	1	1
AT3G61190	0	1	1
AT3G61240	0	1	1
AT3G61250	0	1	1
AT3G61320	1	0	1
AT3G61420	1	1	1
AT3G61430	0	1	1
AT3G61440	0	1	1
AT3G61450	0	1	1
AT3G61460	1	1	1
AT3G61470	1	1	1
AT3G61570	0	1	1
AT3G61580	0	1	1
AT3G61630	0	1	1
AT3G61640	0	1	1
AT3G61670	0	1	1
AT3G61810	0	1	1
AT3G61820	0	1	1
AT3G61880	1	0	1
AT3G61960	0	1	1
AT3G61970	0	1	1
AT3G62080	1	0	1
AT3G62090	0	1	1
AT3G62100	0	1	1
AT3G62200	1	0	1
AT3G62390	1	0	1
AT3G62400	1	0	1
AT3G62620	0	1	1
AT3G62630	0	1	1
AT3G62640	0	1	1
AT3G62650	1	1	1
AT3G62690	0	1	1
AT3G62700	0	1	1
AT3G62830	1	0	1
AT3G62980	1	1	1
AT3G62990	0	1	1
AT3G63006	0	1	1
AT3G63010	0	1	1
AT3G63020	0	1	1
AT3G63060	1	0	1
AT3G63070	1	0	1
AT3G63360	1	0	1
AT3G63370	1	0	1
AT3G63380	0	1	1
AT3G63390	0	1	1
AT3G63400	0	1	1
AT3G66652	1	0	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT4G00050	0	1	1
AT4G00060	0	1	1
AT4G00140	1	1	1
AT4G00150	1	1	1
AT4G00290	0	1	1
AT4G00300	0	1	1
AT4G00305	0	1	1
AT4G00350	1	0	1
AT4G00380	1	0	1
AT4G00430	0	1	1
AT4G00440	1	1	1
AT4G00585	1	0	1
AT4G00640	1	1	1
AT4G00650	0	1	1
AT4G00680	1	0	1
AT4G00720	0	1	1
AT4G00730	1	1	1
AT4G00740	0	1	1
AT4G00820	1	0	1
AT4G01026	1	0	1
AT4G01070	0	1	1
AT4G01080	1	1	1
AT4G01090	0	1	1
AT4G01100	0	1	1
AT4G01110	1	0	1
AT4G01200	1	0	1
AT4G01220	1	0	1
AT4G01245	1	1	1
AT4G01250	0	1	1
AT4G01390	1	0	1
AT4G01525	0	1	1
AT4G01530	1	1	1
AT4G01680	0	1	1
AT4G01690	1	1	1
AT4G01710	0	1	1
AT4G01720	0	1	1
AT4G01800	0	1	1
AT4G01810	0	1	1
AT4G01860	0	1	1
AT4G01865	0	1	1
AT4G01870	1	1	1
AT4G01880	1	1	1
AT4G01883	0	1	1
AT4G01960	0	1	1
AT4G02110	1	0	1
AT4G02320	0	1	1
AT4G02330	0	1	1
AT4G02360	1	0	1
AT4G02420	0	1	1
AT4G02425	0	1	1
AT4G02650	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G02660	1	0	1
AT4G02900	1	0	1
AT4G03060	1	0	1
AT4G03115	1	0	1
AT4G03205	0	1	1
AT4G03210	0	1	1
AT4G03390	0	1	1
AT4G03400	1	1	1
AT4G03410	1	1	1
AT4G03420	0	1	1
AT4G03430	0	1	1
AT4G03510	1	1	1
AT4G03520	0	1	1
AT4G03540	0	1	1
AT4G03550	0	1	1
AT4G03560	0	1	1
AT4G03840	1	0	1
AT4G03850	1	0	1
AT4G03873	1	0	1
AT4G03965	1	0	1
AT4G04020	1	0	1
AT4G04050	1	0	1
AT4G04545	1	0	1
AT4G05010	0	1	1
AT4G05020	0	1	1
AT4G05048	0	1	1
AT4G05050	0	1	1
AT4G05060	0	1	1
AT4G05070	0	1	1
AT4G05073	0	1	1
AT4G05100	0	1	1
AT4G05105	1	1	1
AT4G05190	1	0	1
AT4G05610	1	0	1
AT4G05613	1	0	1
AT4G06480	1	0	1
AT4G06495	1	0	1
AT4G06500	1	0	1
AT4G06529	1	0	1
AT4G06550	1	0	1
AT4G06574	1	0	1
AT4G06584	1	0	1
AT4G06585	1	0	1
AT4G06591	1	0	1
AT4G06604	1	0	1
AT4G06605	1	0	1
AT4G06606	1	0	1
AT4G06640	1	0	1
AT4G06650	1	0	1
AT4G06726	1	0	1
AT4G06752	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G07560	1	0	1
AT4G07666	1	0	1
AT4G07733	1	0	1
AT4G07738	1	0	1
AT4G07840	1	0	1
AT4G08016	1	0	1
AT4G08039	0	1	1
AT4G08040	0	1	1
AT4G08091	1	0	1
AT4G08096	1	0	1
AT4G08210	1	0	1
AT4G08230	1	0	1
AT4G08400	1	0	1
AT4G08430	1	0	1
AT4G08710	1	0	1
AT4G08840	0	1	1
AT4G08850	0	1	1
AT4G08860	0	1	1
AT4G08945	0	1	1
AT4G08950	0	1	1
AT4G08953	0	1	1
AT4G08960	1	0	1
AT4G09150	1	0	1
AT4G09200	1	0	1
AT4G09880	0	1	1
AT4G09890	0	1	1
AT4G09965	1	0	1
AT4G09970	1	0	1
AT4G10570	1	0	1
AT4G11130	0	1	1
AT4G11140	0	1	1
AT4G11300	0	1	1
AT4G11310	0	1	1
AT4G11510	0	1	1
AT4G11530	0	1	1
AT4G11540	0	1	1
AT4G12290	1	0	1
AT4G12300	0	1	1
AT4G12310	0	1	1
AT4G13110	1	0	1
AT4G13340	0	1	1
AT4G13345	0	1	1
AT4G13395	0	1	1
AT4G13400	0	1	1
AT4G13410	0	1	1
AT4G13420	0	1	1
AT4G13510	0	1	1
AT4G13520	0	1	1
AT4G13640	0	1	1
AT4G13650	0	1	1
AT4G13660	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G13790	0	1	1
AT4G13800	0	1	1
AT4G14120	1	0	1
AT4G14410	1	0	1
AT4G14430	0	1	1
AT4G14440	0	1	1
AT4G14450	0	1	1
AT4G14490	1	0	1
AT4G14500	1	0	1
AT4G14560	1	0	1
AT4G14680	0	1	1
AT4G14690	0	1	1
AT4G14920	0	1	1
AT4G14930	0	1	1
AT4G14980	0	1	1
AT4G14990	0	1	1
AT4G15140	1	0	1
AT4G15215	1	0	1
AT4G15233	0	1	1
AT4G15236	0	1	1
AT4G15250	0	1	1
AT4G15258	0	1	1
AT4G15260	1	0	1
AT4G15415	1	0	1
AT4G15417	0	1	1
AT4G15420	0	1	1
AT4G15430	0	1	1
AT4G15440	1	0	1
AT4G15480	0	1	1
AT4G15490	0	1	1
AT4G15540	0	1	1
AT4G15545	0	1	1
AT4G15550	0	1	1
AT4G15560	0	1	1
AT4G15590	0	1	1
AT4G15610	0	1	1
AT4G15730	1	0	1
AT4G15910	0	1	1
AT4G15920	0	1	1
AT4G15930	0	1	1
AT4G15955	1	0	1
AT4G16144	0	1	1
AT4G16146	0	1	1
AT4G16150	0	1	1
AT4G16370	0	1	1
AT4G16380	0	1	1
AT4G16390	0	1	1
AT4G16490	1	1	1
AT4G16500	1	1	1
AT4G16580	0	1	1
AT4G16590	1	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G16600	0	1	1
AT4G16640	1	0	1
AT4G16745	0	1	1
AT4G16750	0	1	1
AT4G16770	1	1	1
AT4G16780	1	1	1
AT4G16880	0	1	1
AT4G16890	0	1	1
AT4G17090	0	1	1
AT4G17098	1	1	1
AT4G17100	0	1	1
AT4G17240	0	1	1
AT4G17245	0	1	1
AT4G17410	0	1	1
AT4G17420	1	1	1
AT4G17430	1	0	1
AT4G17440	0	1	1
AT4G17450	1	1	1
AT4G17460	1	1	1
AT4G17486	0	1	1
AT4G17490	0	1	1
AT4G17500	1	1	1
AT4G17612	0	1	1
AT4G17615	1	1	1
AT4G17670	0	1	1
AT4G17680	0	1	1
AT4G17870	0	1	1
AT4G17880	0	1	1
AT4G17895	0	1	1
AT4G17900	0	1	1
AT4G17940	1	0	1
AT4G18010	0	1	1
AT4G18020	0	1	1
AT4G18030	0	1	1
AT4G18050	1	0	1
AT4G18195	0	1	1
AT4G18197	0	1	1
AT4G18205	0	1	1
AT4G18210	0	1	1
AT4G18220	1	1	1
AT4G18440	1	0	1
AT4G18550	0	1	1
AT4G18570	0	1	1
AT4G18600	1	0	1
AT4G18660	0	1	1
AT4G18670	0	1	1
AT4G18690	0	1	1
AT4G18700	0	1	1
AT4G18710	0	1	1
AT4G18880	0	1	1
AT4G18890	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT4G18900	0	1	1
AT4G18950	1	0	1
AT4G18975	0	1	1
AT4G18980	0	1	1
AT4G19040	0	1	1
AT4G19050	0	1	1
AT4G19160	0	1	1
AT4G19170	1	1	1
AT4G19180	0	1	1
AT4G19220	0	1	1
AT4G19230	0	1	1
AT4G19420	0	1	1
AT4G19430	0	1	1
AT4G19440	0	1	1
AT4G19520	0	1	1
AT4G19530	0	1	1
AT4G19690	0	1	1
AT4G19700	0	1	1
AT4G19710	0	1	1
AT4G19950	0	1	1
AT4G19960	0	1	1
AT4G20170	0	1	1
AT4G20180	1	1	1
AT4G20240	0	1	1
AT4G20250	0	1	1
AT4G20260	0	1	1
AT4G20690	1	0	1
AT4G20770	1	0	1
AT4G20820	0	1	1
AT4G20830	0	1	1
AT4G20850	0	1	1
AT4G20860	0	1	1
AT4G20870	1	1	1
AT4G20880	1	1	1
AT4G20890	0	1	1
AT4G20960	1	1	1
AT4G20970	0	1	1
AT4G21110	0	1	1
AT4G21120	0	1	1
AT4G21300	1	0	1
AT4G21350	1	0	1
AT4G21360	1	0	1
AT4G21430	0	1	1
AT4G21440	0	1	1
AT4G21605	1	0	1
AT4G21720	1	0	1
AT4G21810	1	0	1
AT4G21900	0	1	1
AT4G21910	0	1	1
AT4G21920	0	1	1
AT4G21930	1	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G21940	0	1	1
AT4G21950	0	1	1
AT4G21960	1	1	1
AT4G21970	0	1	1
AT4G22190	0	1	1
AT4G22200	0	1	1
AT4G22210	0	1	1
AT4G22240	1	0	1
AT4G22460	0	1	1
AT4G22470	0	1	1
AT4G22485	0	1	1
AT4G22530	0	1	1
AT4G22540	0	1	1
AT4G22545	1	1	1
AT4G22560	1	0	1
AT4G22570	1	0	1
AT4G22590	1	1	1
AT4G22600	0	1	1
AT4G22680	0	1	1
AT4G22690	0	1	1
AT4G22800	0	1	1
AT4G22810	0	1	1
AT4G22980	0	1	1
AT4G22990	0	1	1
AT4G23000	1	0	1
AT4G23030	0	1	1
AT4G23040	0	1	1
AT4G23050	0	1	1
AT4G23060	1	1	1
AT4G23180	0	1	1
AT4G23190	0	1	1
AT4G23200	0	1	1
AT4G23205	0	1	1
AT4G23210	0	1	1
AT4G23220	0	1	1
AT4G23250	0	1	1
AT4G23260	0	1	1
AT4G23460	1	0	1
AT4G23470	1	1	1
AT4G23490	0	1	1
AT4G23493	0	1	1
AT4G23740	0	1	1
AT4G23750	0	1	1
AT4G23810	0	1	1
AT4G23820	0	1	1
AT4G24030	0	1	1
AT4G24040	1	1	1
AT4G24050	0	1	1
AT4G24060	1	0	1
AT4G24110	0	1	1
AT4G24120	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT4G24140	0	1	1
AT4G24150	0	1	1
AT4G24160	0	1	1
AT4G24200	0	1	1
AT4G24210	0	1	1
AT4G24220	0	1	1
AT4G24230	0	1	1
AT4G24240	1	1	1
AT4G24250	0	1	1
AT4G24350	1	0	1
AT4G24660	0	1	1
AT4G24670	0	1	1
AT4G24830	1	0	1
AT4G24970	0	1	1
AT4G24972	1	1	1
AT4G25260	1	0	1
AT4G25350	0	1	1
AT4G25360	0	1	1
AT4G25380	0	1	1
AT4G25390	1	1	1
AT4G25410	0	1	1
AT4G25420	0	1	1
AT4G25430	0	1	1
AT4G25433	0	1	1
AT4G25434	0	1	1
AT4G25450	0	1	1
AT4G25470	1	1	1
AT4G25480	0	1	1
AT4G25490	1	1	1
AT4G25500	1	1	1
AT4G25570	1	0	1
AT4G25620	1	1	1
AT4G25630	0	1	1
AT4G25980	0	1	1
AT4G25990	0	1	1
AT4G26000	0	1	1
AT4G26080	0	1	1
AT4G26090	0	1	1
AT4G26200	0	1	1
AT4G26210	1	1	1
AT4G26530	0	1	1
AT4G26540	1	1	1
AT4G26630	1	0	1
AT4G26690	0	1	1
AT4G26700	1	1	1
AT4G27050	1	0	1
AT4G27230	0	1	1
AT4G27240	0	1	1
AT4G27250	0	1	1
AT4G27260	1	1	1
AT4G27270	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT4G27300	1	1	1
AT4G27310	0	1	1
AT4G27320	0	1	1
AT4G27410	1	1	1
AT4G27415	1	1	1
AT4G27500	1	0	1
AT4G27510	1	1	1
AT4G27520	0	1	1
AT4G27530	0	1	1
AT4G27657	0	1	1
AT4G27660	0	1	1
AT4G27730	0	1	1
AT4G27740	0	1	1
AT4G27860	0	1	1
AT4G27870	0	1	1
AT4G27890	0	1	1
AT4G27900	0	1	1
AT4G27970	0	1	1
AT4G27980	0	1	1
AT4G28080	0	1	1
AT4G28085	0	1	1
AT4G28088	0	1	1
AT4G28240	1	1	1
AT4G28250	1	1	1
AT4G28260	0	1	1
AT4G28290	1	1	1
AT4G28300	0	1	1
AT4G28485	0	1	1
AT4G28490	0	1	1
AT4G28500	0	1	1
AT4G28530	0	1	1
AT4G28540	1	1	1
AT4G28660	1	0	1
AT4G29080	0	1	1
AT4G29090	1	1	1
AT4G29130	0	1	1
AT4G29140	0	1	1
AT4G29150	0	1	1
AT4G29190	1	1	1
AT4G29310	0	1	1
AT4G29330	0	1	1
AT4G29430	1	0	1
AT4G29660	0	1	1
AT4G29670	0	1	1
AT4G29680	0	1	1
AT4G29700	0	1	1
AT4G29710	0	1	1
AT4G29735	0	1	1
AT4G29740	0	1	1
AT4G29770	0	1	1
AT4G29780	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT4G29790	0	1	1
AT4G29900	0	1	1
AT4G29905	0	1	1
AT4G29940	0	1	1
AT4G29950	0	1	1
AT4G30000	1	0	1
AT4G30150	1	0	1
AT4G30190	0	1	1
AT4G30200	0	1	1
AT4G30210	0	1	1
AT4G30270	0	1	1
AT4G30280	0	1	1
AT4G30290	1	0	1
AT4G30340	0	1	1
AT4G30350	0	1	1
AT4G30400	0	1	1
AT4G30410	0	1	1
AT4G30430	0	1	1
AT4G30440	0	1	1
AT4G30450	0	1	1
AT4G30490	1	1	1
AT4G30500	1	1	1
AT4G30550	1	0	1
AT4G30770	1	0	1
AT4G30780	1	0	1
AT4G30790	0	1	1
AT4G30800	0	1	1
AT4G30920	1	0	1
AT4G30940	1	0	1
AT4G30950	1	0	1
AT4G30960	1	0	1
AT4G31210	1	0	1
AT4G31380	0	1	1
AT4G31390	1	1	1
AT4G31500	1	0	1
AT4G31540	0	1	1
AT4G31550	0	1	1
AT4G31560	0	1	1
AT4G31580	0	1	1
AT4G31590	0	1	1
AT4G31770	0	1	1
AT4G31780	0	1	1
AT4G31790	0	1	1
AT4G31800	0	1	1
AT4G31820	1	1	1
AT4G31830	0	1	1
AT4G32010	0	1	1
AT4G32020	0	1	1
AT4G32030	0	1	1
AT4G32215	1	0	1
AT4G32272	1	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G32280	0	1	1
AT4G32290	1	0	1
AT4G32295	0	1	1
AT4G32300	0	1	1
AT4G32330	0	1	1
AT4G32340	0	1	1
AT4G32350	0	1	1
AT4G32475	0	1	1
AT4G32480	0	1	1
AT4G32490	0	1	1
AT4G32500	1	0	1
AT4G32750	0	1	1
AT4G32760	0	1	1
AT4G32790	0	1	1
AT4G32800	0	1	1
AT4G32860	0	1	1
AT4G32870	1	1	1
AT4G32880	0	1	1
AT4G32920	1	1	1
AT4G32930	1	1	1
AT4G32940	0	1	1
AT4G32950	0	1	1
AT4G33320	1	0	1
AT4G33360	1	0	1
AT4G33430	1	1	1
AT4G33440	0	1	1
AT4G33565	1	0	1
AT4G33666	1	0	1
AT4G33800	1	1	1
AT4G33810	0	1	1
AT4G33880	0	1	1
AT4G33890	0	1	1
AT4G33905	0	1	1
AT4G33910	0	1	1
AT4G33920	0	1	1
AT4G33950	0	1	1
AT4G33960	0	1	1
AT4G34090	1	0	1
AT4G34110	1	1	1
AT4G34120	0	1	1
AT4G34135	0	1	1
AT4G34138	0	1	1
AT4G34160	0	1	1
AT4G34170	0	1	1
AT4G34230	0	1	1
AT4G34240	0	1	1
AT4G34250	0	1	1
AT4G34380	0	1	1
AT4G34390	0	1	1
AT4G34400	0	1	1
AT4G34410	1	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G34480	1	0	1
AT4G34530	1	0	1
AT4G34710	0	1	1
AT4G34720	0	1	1
AT4G34760	0	1	1
AT4G34770	0	1	1
AT4G35000	1	0	1
AT4G35010	1	0	1
AT4G35090	0	1	1
AT4G35100	1	1	1
AT4G35110	1	1	1
AT4G35120	0	1	1
AT4G35180	0	1	1
AT4G35190	0	1	1
AT4G35230	0	1	1
AT4G35240	0	1	1
AT4G35480	0	1	1
AT4G35490	0	1	1
AT4G35500	0	1	1
AT4G35510	0	1	1
AT4G35520	0	1	1
AT4G35590	0	1	1
AT4G35600	0	1	1
AT4G35850	1	0	1
AT4G35920	0	1	1
AT4G35930	0	1	1
AT4G36010	0	1	1
AT4G36020	0	1	1
AT4G36030	1	1	1
AT4G36040	0	1	1
AT4G36050	0	1	1
AT4G36160	0	1	1
AT4G36170	1	1	1
AT4G36180	0	1	1
AT4G36210	0	1	1
AT4G36220	1	1	1
AT4G36230	0	1	1
AT4G36370	0	1	1
AT4G36380	1	1	1
AT4G36390	0	1	1
AT4G36648	0	1	1
AT4G36650	1	1	1
AT4G36670	0	1	1
AT4G36680	0	1	1
AT4G36700	0	1	1
AT4G36710	0	1	1
AT4G36770	0	1	1
AT4G36780	1	1	1
AT4G36790	0	1	1
AT4G36800	1	1	1
AT4G36810	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G36820	0	1	1
AT4G36830	0	1	1
AT4G36910	0	1	1
AT4G36920	0	1	1
AT4G36925	0	1	1
AT4G36930	0	1	1
AT4G37070	1	1	1
AT4G37080	1	1	1
AT4G37100	1	0	1
AT4G37230	1	1	1
AT4G37235	0	1	1
AT4G37240	1	1	1
AT4G37250	1	1	1
AT4G37270	0	1	1
AT4G37320	1	0	1
AT4G37370	0	1	1
AT4G37380	0	1	1
AT4G37390	0	1	1
AT4G37420	1	0	1
AT4G37430	1	0	1
AT4G37432	1	0	1
AT4G37470	1	0	1
AT4G37540	1	1	1
AT4G37550	1	1	1
AT4G37590	0	1	1
AT4G37608	0	1	1
AT4G37610	0	1	1
AT4G37620	0	1	1
AT4G37690	1	0	1
AT4G37760	0	1	1
AT4G37770	0	1	1
AT4G37780	0	1	1
AT4G37790	0	1	1
AT4G37800	0	1	1
AT4G38460	0	1	1
AT4G38470	0	1	1
AT4G38480	0	1	1
AT4G38520	0	1	1
AT4G38530	0	1	1
AT4G38540	0	1	1
AT4G38550	0	1	1
AT4G38560	0	1	1
AT4G38620	0	1	1
AT4G38630	0	1	1
AT4G38730	0	1	1
AT4G38740	0	1	1
AT4G38810	0	1	1
AT4G38820	0	1	1
AT4G38850	0	1	1
AT4G38860	1	1	1
AT4G38900	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT4G38910	1	0	1
AT4G38920	1	0	1
AT4G39040	1	1	1
AT4G39050	0	1	1
AT4G39070	0	1	1
AT4G39080	0	1	1
AT4G39380	0	1	1
AT4G39390	0	1	1
AT4G39400	1	1	1
AT4G39403	1	1	1
AT4G39410	0	1	1
AT4G39800	1	1	1
AT4G39810	0	1	1
AT4G39830	0	1	1
AT4G39840	1	1	1
AT4G39850	0	1	1
AT4G40042	1	0	1
AT4G40050	0	1	1
AT4G40060	0	1	1
AT4G40070	0	1	1
AT5G01200	0	1	1
AT5G01215	0	1	1
AT5G01225	1	0	1
AT5G01260	1	0	1
AT5G01340	0	1	1
AT5G01380	0	1	1
AT5G01390	0	1	1
AT5G01520	0	1	1
AT5G01530	0	1	1
AT5G01540	0	1	1
AT5G01590	0	1	1
AT5G01595	0	1	1
AT5G01600	0	1	1
AT5G01630	1	0	1
AT5G01715	0	1	1
AT5G01730	0	1	1
AT5G01740	0	1	1
AT5G01800	0	1	1
AT5G01810	0	1	1
AT5G01820	0	1	1
AT5G01840	0	1	1
AT5G01850	0	1	1
AT5G01870	0	1	1
AT5G01880	0	1	1
AT5G02010	1	0	1
AT5G02020	1	1	1
AT5G02025	0	1	1
AT5G02180	0	1	1
AT5G02190	1	1	1
AT5G02200	1	1	1
AT5G02440	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G02450	0	1	1
AT5G02460	0	1	1
AT5G02490	1	0	1
AT5G02530	0	1	1
AT5G02540	0	1	1
AT5G02550	0	1	1
AT5G02615	0	1	1
AT5G02620	0	1	1
AT5G02630	0	1	1
AT5G02730	1	0	1
AT5G02750	0	1	1
AT5G02760	0	1	1
AT5G02770	0	1	1
AT5G02920	1	0	1
AT5G02940	0	1	1
AT5G02950	0	1	1
AT5G03070	1	0	1
AT5G03080	1	0	1
AT5G03100	0	1	1
AT5G03110	0	1	1
AT5G03140	1	1	1
AT5G03150	0	1	1
AT5G03210	1	1	1
AT5G03220	0	1	1
AT5G03350	0	1	1
AT5G03360	0	1	1
AT5G03370	0	1	1
AT5G03380	0	1	1
AT5G03415	1	0	1
AT5G03630	1	0	1
AT5G03700	0	1	1
AT5G03705	0	1	1
AT5G03720	1	0	1
AT5G03730	0	1	1
AT5G03750	1	1	1
AT5G03760	0	1	1
AT5G03770	0	1	1
AT5G03980	1	0	1
AT5G04130	0	1	1
AT5G04140	0	1	1
AT5G04190	0	1	1
AT5G04200	1	1	1
AT5G04290	0	1	1
AT5G04310	0	1	1
AT5G04320	0	1	1
AT5G04330	0	1	1
AT5G04340	0	1	1
AT5G04347	0	1	1
AT5G04400	0	1	1
AT5G04410	0	1	1
AT5G04420	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G04470	1	1	1
AT5G04480	0	1	1
AT5G04520	1	0	1
AT5G04560	0	1	1
AT5G04590	1	1	1
AT5G04760	0	1	1
AT5G04770	1	1	1
AT5G04780	0	1	1
AT5G04940	0	1	1
AT5G04950	0	1	1
AT5G05140	0	1	1
AT5G05150	0	1	1
AT5G05180	0	1	1
AT5G05190	0	1	1
AT5G05435	0	1	1
AT5G05440	1	1	1
AT5G05450	1	0	1
AT5G05590	0	1	1
AT5G05598	0	1	1
AT5G05600	0	1	1
AT5G05610	0	1	1
AT5G05680	0	1	1
AT5G05690	1	1	1
AT5G05700	0	1	1
AT5G05870	1	0	1
AT5G06080	0	1	1
AT5G06090	1	1	1
AT5G06290	0	1	1
AT5G06300	0	1	1
AT5G06310	0	1	1
AT5G06370	0	1	1
AT5G06380	0	1	1
AT5G06390	0	1	1
AT5G06530	0	1	1
AT5G06540	0	1	1
AT5G06550	1	0	1
AT5G06570	0	1	1
AT5G06580	0	1	1
AT5G06590	0	1	1
AT5G06620	1	0	1
AT5G06640	1	0	1
AT5G06670	1	0	1
AT5G06700	0	1	1
AT5G06710	0	1	1
AT5G06850	0	1	1
AT5G06865	0	1	1
AT5G06870	0	1	1
AT5G06980	1	0	1
AT5G07010	1	0	1
AT5G07070	0	1	1
AT5G07080	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G07090	0	1	1
AT5G07190	0	1	1
AT5G07200	0	1	1
AT5G07220	0	1	1
AT5G07225	0	1	1
AT5G07280	1	0	1
AT5G07380	1	0	1
AT5G07430	0	1	1
AT5G07440	0	1	1
AT5G07570	0	1	1
AT5G07580	1	1	1
AT5G07590	0	1	1
AT5G07760	0	1	1
AT5G08130	0	1	1
AT5G08139	1	1	1
AT5G08141	0	1	1
AT5G08150	0	1	1
AT5G08160	0	1	1
AT5G08170	1	0	1
AT5G08230	0	1	1
AT5G08240	0	1	1
AT5G08250	0	1	1
AT5G08280	1	0	1
AT5G08320	0	1	1
AT5G08330	0	1	1
AT5G08510	1	0	1
AT5G08520	0	1	1
AT5G08530	0	1	1
AT5G08780	0	1	1
AT5G08790	1	1	1
AT5G09210	0	1	1
AT5G09430	0	1	1
AT5G09440	1	1	1
AT5G09460	1	0	1
AT5G09470	0	1	1
AT5G09610	0	1	1
AT5G09620	0	1	1
AT5G09630	0	1	1
AT5G09805	0	1	1
AT5G09810	1	1	1
AT5G09820	0	1	1
AT5G09850	0	1	1
AT5G09860	0	1	1
AT5G10070	1	0	1
AT5G10170	0	1	1
AT5G10180	0	1	1
AT5G10280	0	1	1
AT5G10290	1	1	1
AT5G10300	0	1	1
AT5G10310	0	1	1
AT5G10320	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G10440	0	1	1
AT5G10450	0	1	1
AT5G10455	0	1	1
AT5G10550	0	1	1
AT5G10560	0	1	1
AT5G10820	1	1	1
AT5G10830	0	1	1
AT5G10910	0	1	1
AT5G10920	0	1	1
AT5G10930	0	1	1
AT5G11050	0	1	1
AT5G11060	1	1	1
AT5G11070	0	1	1
AT5G11080	0	1	1
AT5G11090	0	1	1
AT5G11100	0	1	1
AT5G11300	0	1	1
AT5G11310	0	1	1
AT5G11410	0	1	1
AT5G11420	0	1	1
AT5G11430	0	1	1
AT5G11460	0	1	1
AT5G11470	0	1	1
AT5G11620	1	0	1
AT5G11630	0	1	1
AT5G11640	0	1	1
AT5G11650	0	1	1
AT5G11700	1	0	1
AT5G11730	0	1	1
AT5G11740	1	1	1
AT5G11750	0	1	1
AT5G11950	0	1	1
AT5G11960	0	1	1
AT5G11970	0	1	1
AT5G11977	0	1	1
AT5G12040	0	1	1
AT5G12050	1	1	1
AT5G12330	0	1	1
AT5G12340	0	1	1
AT5G12350	0	1	1
AT5G12930	1	1	1
AT5G12940	0	1	1
AT5G12980	1	0	1
AT5G13080	1	0	1
AT5G13100	1	0	1
AT5G13170	0	1	1
AT5G13180	0	1	1
AT5G13190	0	1	1
AT5G13200	0	1	1
AT5G13210	0	1	1
AT5G13220	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G13225	0	1	1
AT5G13330	0	1	1
AT5G13340	0	1	1
AT5G13400	1	0	1
AT5G13550	1	0	1
AT5G13630	1	0	1
AT5G13700	1	1	1
AT5G13710	1	1	1
AT5G13720	0	1	1
AT5G13730	1	1	1
AT5G13740	0	1	1
AT5G13750	1	1	1
AT5G13760	1	1	1
AT5G13840	1	0	1
AT5G14105	0	1	1
AT5G14110	0	1	1
AT5G14120	0	1	1
AT5G14130	0	1	1
AT5G14210	0	1	1
AT5G14220	0	1	1
AT5G14230	0	1	1
AT5G14640	0	1	1
AT5G14650	0	1	1
AT5G14690	0	1	1
AT5G14700	0	1	1
AT5G14710	0	1	1
AT5G14800	1	0	1
AT5G14840	1	0	1
AT5G14910	0	1	1
AT5G14920	0	1	1
AT5G15310	1	0	1
AT5G15330	1	0	1
AT5G15340	0	1	1
AT5G15350	0	1	1
AT5G15360	1	1	1
AT5G15410	1	1	1
AT5G15420	0	1	1
AT5G15430	0	1	1
AT5G15580	0	1	1
AT5G15600	0	1	1
AT5G15640	0	1	1
AT5G15650	0	1	1
AT5G15750	1	0	1
AT5G15820	1	0	1
AT5G15850	0	1	1
AT5G15860	0	1	1
AT5G15940	0	1	1
AT5G15950	0	1	1
AT5G15980	1	0	1
AT5G16000	0	1	1
AT5G16010	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G16023	0	1	1
AT5G16030	1	1	1
AT5G16110	0	1	1
AT5G16120	0	1	1
AT5G16160	0	1	1
AT5G16170	0	1	1
AT5G16180	0	1	1
AT5G16190	0	1	1
AT5G16200	1	1	1
AT5G16210	0	1	1
AT5G16300	1	0	1
AT5G16370	1	1	1
AT5G16375	1	1	1
AT5G16380	1	0	1
AT5G16560	0	1	1
AT5G16570	0	1	1
AT5G16750	1	0	1
AT5G16760	1	0	1
AT5G17165	1	0	1
AT5G17230	0	1	1
AT5G17240	0	1	1
AT5G17480	0	1	1
AT5G17490	0	1	1
AT5G17500	0	1	1
AT5G17590	0	1	1
AT5G17600	0	1	1
AT5G17760	0	1	1
AT5G17770	0	1	1
AT5G17790	0	1	1
AT5G17800	1	1	1
AT5G17850	0	1	1
AT5G17860	1	1	1
AT5G17870	0	1	1
AT5G17980	1	0	1
AT5G18050	1	0	1
AT5G18070	0	1	1
AT5G18080	1	1	1
AT5G18120	0	1	1
AT5G18130	0	1	1
AT5G18140	0	1	1
AT5G18280	0	1	1
AT5G18290	0	1	1
AT5G18300	0	1	1
AT5G18310	0	1	1
AT5G18360	1	0	1
AT5G18560	1	1	1
AT5G18570	0	1	1
AT5G18590	1	0	1
AT5G18830	0	1	1
AT5G18840	0	1	1
AT5G19060	1	0	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G19090	0	1	1
AT5G19095	0	1	1
AT5G19110	0	1	1
AT5G19120	1	1	1
AT5G19130	0	1	1
AT5G19140	0	1	1
AT5G19150	0	1	1
AT5G19160	0	1	1
AT5G19220	0	1	1
AT5G19230	0	1	1
AT5G19770	1	0	1
AT5G19780	1	0	1
AT5G19930	1	0	1
AT5G19970	1	0	1
AT5G20045	0	1	1
AT5G20050	0	1	1
AT5G20140	0	1	1
AT5G20150	0	1	1
AT5G20170	0	1	1
AT5G20180	1	1	1
AT5G20190	1	1	1
AT5G20240	0	1	1
AT5G20250	1	1	1
AT5G20660	0	1	1
AT5G20670	0	1	1
AT5G20690	0	1	1
AT5G20700	0	1	1
AT5G20710	0	1	1
AT5G20960	1	0	1
AT5G21080	0	1	1
AT5G21090	0	1	1
AT5G21100	0	1	1
AT5G21105	0	1	1
AT5G21110	0	1	1
AT5G21280	0	1	1
AT5G21430	0	1	1
AT5G21482	1	1	1
AT5G21535	0	1	1
AT5G21940	1	0	1
AT5G21950	0	1	1
AT5G21960	0	1	1
AT5G21970	0	1	1
AT5G21990	0	1	1
AT5G22270	0	1	1
AT5G22280	0	1	1
AT5G22730	1	1	1
AT5G22740	1	1	1
AT5G22750	0	1	1
AT5G22780	1	0	1
AT5G22930	0	1	1
AT5G22940	1	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G22950	0	1	1
AT5G23200	0	1	1
AT5G23210	0	1	1
AT5G23212	0	1	1
AT5G23280	1	0	1
AT5G23730	1	0	1
AT5G23840	0	1	1
AT5G23850	0	1	1
AT5G23860	0	1	1
AT5G23955	1	0	1
AT5G23970	0	1	1
AT5G23980	0	1	1
AT5G23990	1	1	1
AT5G24020	0	1	1
AT5G24030	0	1	1
AT5G24040	0	1	1
AT5G24210	0	1	1
AT5G24220	0	1	1
AT5G24250	1	0	1
AT5G24470	1	1	1
AT5G24480	0	1	1
AT5G24520	0	1	1
AT5G24530	1	1	1
AT5G24540	0	1	1
AT5G24760	0	1	1
AT5G24770	1	1	1
AT5G24915	0	1	1
AT5G24920	0	1	1
AT5G25100	1	0	1
AT5G25150	0	1	1
AT5G25160	0	1	1
AT5G25190	0	1	1
AT5G25200	0	1	1
AT5G25205	0	1	1
AT5G25210	0	1	1
AT5G25220	0	1	1
AT5G25270	0	1	1
AT5G25280	0	1	1
AT5G25290	0	1	1
AT5G25340	0	1	1
AT5G25350	0	1	1
AT5G25360	0	1	1
AT5G25510	1	0	1
AT5G25810	0	1	1
AT5G25820	0	1	1
AT5G25920	0	1	1
AT5G26220	0	1	1
AT5G26230	0	1	1
AT5G26330	0	1	1
AT5G26340	0	1	1
AT5G26345	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G26980	1	0	1
AT5G27030	1	1	1
AT5G27035	0	1	1
AT5G27060	1	0	1
AT5G27240	1	0	1
AT5G27930	1	0	1
AT5G27965	1	0	1
AT5G28053	1	0	1
AT5G28143	0	1	1
AT5G28145	0	1	1
AT5G28232	1	0	1
AT5G28235	1	0	1
AT5G28600	1	0	1
AT5G28650	1	0	1
AT5G28770	0	1	1
AT5G28773	0	1	1
AT5G28930	1	0	1
AT5G29022	1	0	1
AT5G29060	1	0	1
AT5G29070	1	0	1
AT5G29337	1	0	1
AT5G29380	1	0	1
AT5G30428	1	0	1
AT5G31662	1	0	1
AT5G32404	1	0	1
AT5G32516	1	0	1
AT5G32518	1	0	1
AT5G32593	1	0	1
AT5G32595	1	0	1
AT5G32623	1	0	1
AT5G33204	1	0	1
AT5G33250	1	0	1
AT5G33252	1	0	1
AT5G33355	1	0	1
AT5G33391	1	0	1
AT5G33420	1	0	1
AT5G33990	1	0	1
AT5G34623	1	0	1
AT5G34834	1	0	1
AT5G34841	1	0	1
AT5G34865	1	0	1
AT5G35052	1	0	1
AT5G35320	1	0	1
AT5G35405	0	1	1
AT5G35407	1	1	1
AT5G35410	0	1	1
AT5G35615	1	0	1
AT5G37210	1	0	1
AT5G37460	1	0	1
AT5G37540	1	0	1
AT5G37550	1	0	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G37790	1	0	1
AT5G37875	1	0	1
AT5G38220	0	1	1
AT5G38740	1	0	1
AT5G38750	1	0	1
AT5G38975	0	1	1
AT5G38980	0	1	1
AT5G39040	0	1	1
AT5G39050	0	1	1
AT5G39580	0	1	1
AT5G39590	0	1	1
AT5G39600	0	1	1
AT5G39610	0	1	1
AT5G40340	1	0	1
AT5G40370	0	1	1
AT5G40380	0	1	1
AT5G40390	0	1	1
AT5G40395	1	0	1
AT5G40405	1	0	1
AT5G40450	0	1	1
AT5G40460	0	1	1
AT5G40470	0	1	1
AT5G40790	1	1	1
AT5G40890	0	1	1
AT5G40900	0	1	1
AT5G41170	1	0	1
AT5G41400	0	1	1
AT5G41410	0	1	1
AT5G41590	0	1	1
AT5G41600	1	1	1
AT5G41730	0	1	1
AT5G41740	0	1	1
AT5G41770	0	1	1
AT5G41780	0	1	1
AT5G41790	0	1	1
AT5G42040	0	1	1
AT5G42050	0	1	1
AT5G42060	0	1	1
AT5G42100	0	1	1
AT5G42110	0	1	1
AT5G42400	1	0	1
AT5G42490	1	0	1
AT5G42650	1	0	1
AT5G42940	0	1	1
AT5G43270	0	1	1
AT5G43280	0	1	1
AT5G43330	1	0	1
AT5G43410	1	0	1
AT5G43440	1	0	1
AT5G43755	0	1	1
AT5G43760	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G44060	0	1	1
AT5G44070	0	1	1
AT5G44120	0	1	1
AT5G44130	0	1	1
AT5G44210	0	1	1
AT5G44220	0	1	1
AT5G44410	1	0	1
AT5G44440	1	0	1
AT5G44510	1	0	1
AT5G44574	0	1	1
AT5G44575	0	1	1
AT5G44578	0	1	1
AT5G44580	0	1	1
AT5G44582	0	1	1
AT5G44590	0	1	1
AT5G44600	0	1	1
AT5G45095	0	1	1
AT5G45100	0	1	1
AT5G45105	0	1	1
AT5G45330	0	1	1
AT5G45340	0	1	1
AT5G45350	0	1	1
AT5G45573	1	0	1
AT5G45580	1	0	1
AT5G45590	1	0	1
AT5G45990	1	0	1
AT5G46040	0	1	1
AT5G46050	0	1	1
AT5G46060	0	1	1
AT5G46170	1	0	1
AT5G46325	0	1	1
AT5G46330	0	1	1
AT5G46500	0	1	1
AT5G46510	0	1	1
AT5G46680	0	1	1
AT5G46690	0	1	1
AT5G46820	0	1	1
AT5G46830	0	1	1
AT5G46840	0	1	1
AT5G46900	0	1	1
AT5G46910	0	1	1
AT5G46915	0	1	1
AT5G47220	0	1	1
AT5G47225	0	1	1
AT5G47230	0	1	1
AT5G47240	0	1	1
AT5G47320	0	1	1
AT5G47330	0	1	1
AT5G47360	0	1	1
AT5G47370	1	1	1
AT5G47380	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G47610	0	1	1
AT5G47620	0	1	1
AT5G47760	1	0	1
AT5G48030	1	0	1
AT5G48140	0	1	1
AT5G48150	0	1	1
AT5G48160	0	1	1
AT5G48410	0	1	1
AT5G48420	0	1	1
AT5G48530	0	1	1
AT5G48540	0	1	1
AT5G48543	0	1	1
AT5G48830	1	0	1
AT5G48970	1	0	1
AT5G49030	1	0	1
AT5G49090	1	1	1
AT5G49100	1	1	1
AT5G49320	0	1	1
AT5G49330	0	1	1
AT5G49340	0	1	1
AT5G49350	0	1	1
AT5G49360	0	1	1
AT5G49370	0	1	1
AT5G49470	0	1	1
AT5G49480	0	1	1
AT5G49510	0	1	1
AT5G49520	1	1	1
AT5G49700	0	1	1
AT5G49710	0	1	1
AT5G49740	0	1	1
AT5G49743	0	1	1
AT5G49746	0	1	1
AT5G49750	0	1	1
AT5G50150	0	1	1
AT5G50160	0	1	1
AT5G50360	1	0	1
AT5G50380	0	1	1
AT5G50390	0	1	1
AT5G50420	1	0	1
AT5G50740	0	1	1
AT5G50940	0	1	1
AT5G50950	0	1	1
AT5G51060	0	1	1
AT5G51070	0	1	1
AT5G51190	1	1	1
AT5G51195	0	1	1
AT5G51310	1	0	1
AT5G51330	1	1	1
AT5G51340	1	1	1
AT5G51380	1	0	1
AT5G51450	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G51460	0	1	1
AT5G51545	0	1	1
AT5G51550	0	1	1
AT5G51560	0	1	1
AT5G51760	0	1	1
AT5G51770	0	1	1
AT5G51800	0	1	1
AT5G51810	0	1	1
AT5G52055	0	1	1
AT5G52060	1	1	1
AT5G52065	1	0	1
AT5G52090	1	0	1
AT5G52390	0	1	1
AT5G52400	0	1	1
AT5G52510	1	0	1
AT5G52820	0	1	1
AT5G52830	0	1	1
AT5G52882	0	1	1
AT5G52890	0	1	1
AT5G52900	0	1	1
AT5G52910	0	1	1
AT5G52980	1	0	1
AT5G52990	1	0	1
AT5G53050	0	1	1
AT5G53060	0	1	1
AT5G53190	0	1	1
AT5G53200	0	1	1
AT5G53280	1	1	1
AT5G53290	0	1	1
AT5G53300	0	1	1
AT5G53370	1	0	1
AT5G53400	0	1	1
AT5G53410	0	1	1
AT5G53500	0	1	1
AT5G53510	0	1	1
AT5G53580	1	0	1
AT5G53750	0	1	1
AT5G53760	1	1	1
AT5G53830	1	0	1
AT5G53880	0	1	1
AT5G53890	0	1	1
AT5G53920	1	0	1
AT5G54020	1	0	1
AT5G54030	1	0	1
AT5G54300	1	1	1
AT5G54310	0	1	1
AT5G54480	0	1	1
AT5G54490	0	1	1
AT5G54500	0	1	1
AT5G54510	1	1	1
AT5G54520	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G54530	1	1	1
AT5G54580	0	1	1
AT5G54585	1	1	1
AT5G54700	0	1	1
AT5G54710	0	1	1
AT5G54750	0	1	1
AT5G54760	0	1	1
AT5G54770	0	1	1
AT5G54840	1	0	1
AT5G54850	1	0	1
AT5G54940	0	1	1
AT5G54950	0	1	1
AT5G54960	0	1	1
AT5G54970	0	1	1
AT5G55020	1	1	1
AT5G55030	0	1	1
AT5G55040	0	1	1
AT5G55050	0	1	1
AT5G55120	1	0	1
AT5G55170	0	1	1
AT5G55180	1	1	1
AT5G55190	0	1	1
AT5G55540	1	0	1
AT5G55780	1	0	1
AT5G55800	1	0	1
AT5G55860	1	0	1
AT5G55910	0	1	1
AT5G55920	1	1	1
AT5G55930	0	1	1
AT5G55950	0	1	1
AT5G55960	0	1	1
AT5G55970	0	1	1
AT5G56030	0	1	1
AT5G56040	0	1	1
AT5G56160	1	0	1
AT5G56210	0	1	1
AT5G56220	0	1	1
AT5G56230	0	1	1
AT5G56240	0	1	1
AT5G56250	0	1	1
AT5G56290	0	1	1
AT5G56300	0	1	1
AT5G56470	1	0	1
AT5G56550	0	1	1
AT5G56560	0	1	1
AT5G56860	0	1	1
AT5G56870	0	1	1
AT5G56975	0	1	1
AT5G56980	0	1	1
AT5G56990	0	1	1
AT5G57000	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G57010	0	1	1
AT5G57050	1	0	1
AT5G57060	0	1	1
AT5G57070	1	1	1
AT5G57330	0	1	1
AT5G57340	0	1	1
AT5G57550	0	1	1
AT5G57560	0	1	1
AT5G57660	0	1	1
AT5G57670	0	1	1
AT5G57700	0	1	1
AT5G57710	0	1	1
AT5G57785	1	1	1
AT5G57790	0	1	1
AT5G57810	1	0	1
AT5G58070	1	1	1
AT5G58080	0	1	1
AT5G58330	0	1	1
AT5G58340	0	1	1
AT5G58350	1	1	1
AT5G58430	0	1	1
AT5G58440	0	1	1
AT5G58530	1	0	1
AT5G58570	0	1	1
AT5G58575	0	1	1
AT5G58610	1	0	1
AT5G58650	1	1	1
AT5G58660	0	1	1
AT5G58670	0	1	1
AT5G59000	1	0	1
AT5G59020	1	0	1
AT5G59040	0	1	1
AT5G59050	0	1	1
AT5G59160	0	1	1
AT5G59220	0	1	1
AT5G59230	0	1	1
AT5G59400	1	0	1
AT5G59480	1	0	1
AT5G59540	0	1	1
AT5G59550	0	1	1
AT5G59560	0	1	1
AT5G59570	0	1	1
AT5G59580	0	1	1
AT5G59720	0	1	1
AT5G59730	0	1	1
AT5G59732	0	1	1
AT5G59740	0	1	1
AT5G59780	0	1	1
AT5G59790	0	1	1
AT5G59820	0	1	1
AT5G59830	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G59900	1	0	1
AT5G59910	1	1	1
AT5G59920	0	1	1
AT5G60150	1	0	1
AT5G60170	1	0	1
AT5G60190	0	1	1
AT5G60200	1	1	1
AT5G60260	0	1	1
AT5G60270	0	1	1
AT5G60280	0	1	1
AT5G60400	0	1	1
AT5G60408	0	1	1
AT5G60670	0	1	1
AT5G60680	1	1	1
AT5G60690	1	1	1
AT5G60710	0	1	1
AT5G60720	0	1	1
AT5G60790	0	1	1
AT5G60800	0	1	1
AT5G60840	1	1	1
AT5G60850	0	1	1
AT5G60860	1	1	1
AT5G60966	0	1	1
AT5G60970	0	1	1
AT5G60978	0	1	1
AT5G61260	0	1	1
AT5G61270	0	1	1
AT5G61280	0	1	1
AT5G61560	0	1	1
AT5G61580	0	1	1
AT5G61590	0	1	1
AT5G61600	0	1	1
AT5G61750	1	0	1
AT5G61820	1	0	1
AT5G61960	0	1	1
AT5G61970	0	1	1
AT5G61990	1	1	1
AT5G62000	0	1	1
AT5G62020	0	1	1
AT5G62030	0	1	1
AT5G62065	0	1	1
AT5G62070	0	1	1
AT5G62080	0	1	1
AT5G62130	0	1	1
AT5G62140	0	1	1
AT5G62220	1	1	1
AT5G62230	0	1	1
AT5G62270	0	1	1
AT5G62280	1	1	1
AT5G62290	1	0	1
AT5G62340	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G62350	0	1	1
AT5G62360	0	1	1
AT5G62390	0	1	1
AT5G62400	0	1	1
AT5G62410	0	1	1
AT5G62420	0	1	1
AT5G62430	0	1	1
AT5G62440	0	1	1
AT5G62470	1	1	1
AT5G62480	0	1	1
AT5G62880	0	1	1
AT5G62890	0	1	1
AT5G62910	1	0	1
AT5G63120	0	1	1
AT5G63130	0	1	1
AT5G63135	0	1	1
AT5G63160	0	1	1
AT5G63170	0	1	1
AT5G63180	0	1	1
AT5G63190	0	1	1
AT5G63340	1	0	1
AT5G63410	0	1	1
AT5G63420	0	1	1
AT5G63770	0	1	1
AT5G63780	0	1	1
AT5G63790	1	1	1
AT5G63800	0	1	1
AT5G63860	0	1	1
AT5G63870	0	1	1
AT5G64110	0	1	1
AT5G64120	0	1	1
AT5G64130	0	1	1
AT5G64250	1	1	1
AT5G64260	1	1	1
AT5G64270	0	1	1
AT5G64340	1	0	1
AT5G64400	0	1	1
AT5G64410	0	1	1
AT5G64420	0	1	1
AT5G64430	0	1	1
AT5G64550	0	1	1
AT5G64560	0	1	1
AT5G64572	0	1	1
AT5G64580	0	1	1
AT5G64660	0	1	1
AT5G64667	0	1	1
AT5G64735	0	1	1
AT5G64740	0	1	1
AT5G64750	1	1	1
AT5G64770	0	1	1
AT5G64780	0	1	1

Appendix Table S3

Name	BES_target	BZR1_target	BESBZR_target
AT5G64790	0	1	1
AT5G65100	1	0	1
AT5G65165	1	1	1
AT5G65170	0	1	1
AT5G65260	1	0	1
AT5G65270	1	0	1
AT5G65280	1	1	1
AT5G65290	1	1	1
AT5G65300	1	1	1
AT5G65305	1	1	1
AT5G65310	1	1	1
AT5G65320	0	1	1
AT5G65370	0	1	1
AT5G65380	0	1	1
AT5G65390	0	1	1
AT5G65420	1	0	1
AT5G65430	1	0	1
AT5G65460	0	1	1
AT5G65470	0	1	1
AT5G65630	1	0	1
AT5G65650	0	1	1
AT5G65660	0	1	1
AT5G65676	0	1	1
AT5G65683	1	1	1
AT5G65700	1	0	1
AT5G65920	1	1	1
AT5G65925	0	1	1
AT5G66030	1	0	1
AT5G66130	1	0	1
AT5G66310	1	0	1
AT5G66570	0	1	1
AT5G66580	1	1	1
AT5G66590	1	1	1
AT5G66600	0	1	1
AT5G66610	0	1	1
AT5G66630	0	1	1
AT5G66640	1	1	1
AT5G66670	0	1	1
AT5G66675	1	1	1
AT5G66680	1	1	1
AT5G66720	0	1	1
AT5G66730	0	1	1
AT5G66740	0	1	1
AT5G66760	0	1	1
AT5G66770	0	1	1
AT5G66820	1	0	1
AT5G66900	1	0	1
AT5G66910	1	0	1
AT5G66970	0	1	1
AT5G66980	0	1	1
AT5G66985	0	1	1

Name	BES_target	BZR1_target	BESBZR_target
AT5G67020	1	0	1
AT5G67070	0	1	1
AT5G67080	0	1	1
AT5G67180	0	1	1
AT5G67190	0	1	1
AT5G67220	1	0	1
AT5G67230	1	0	1
AT5G67280	1	0	1
AT5G67290	1	1	1
AT5G67300	0	1	1
AT5G67360	1	0	1
AT5G67410	1	1	1
AT5G67411	1	1	1
AT5G67420	0	1	1
AT5G67440	0	1	1
AT5G67450	0	1	1
AT5G67460	0	1	1
AT5G67620	1	0	1
AT5G67630	1	0	1

Appendix Table S4. PIF target genes, compiled from ChIP-ChIP and ChIP-seq experiments.

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G01060	0	1	0	1
AT1G01070	0	1	0	1
AT1G01100	1	1	1	1
AT1G01110	1	1	1	1
AT1G01140	0	1	0	1
AT1G01150	0	1	0	1
AT1G01250	1	1	1	1
AT1G01260	1	1	1	1
AT1G01320	0	1	0	1
AT1G01340	0	1	0	1
AT1G01370	0	1	0	1
AT1G01380	0	1	0	1
AT1G01390	0	1	0	1
AT1G01400	0	1	0	1
AT1G01430	0	1	0	1
AT1G01440	0	1	0	1
AT1G01471	0	1	0	1
AT1G01490	0	1	0	1
AT1G01500	0	1	0	1
AT1G01540	0	1	1	1
AT1G01570	0	1	0	1
AT1G01580	0	1	0	1
AT1G01620	0	1	1	1
AT1G01630	0	1	1	1
AT1G01650	1	1	1	1
AT1G01660	0	1	1	1
AT1G01710	0	1	0	1
AT1G01720	1	1	0	1
AT1G01830	1	1	0	1
AT1G01840	1	1	0	1
AT1G01940	0	1	0	1
AT1G01950	0	1	0	1
AT1G02060	0	1	0	1
AT1G02065	0	1	0	1
AT1G02205	0	1	0	1
AT1G02210	0	1	0	1
AT1G02230	1	1	1	1
AT1G02250	0	1	0	1
AT1G02340	1	1	1	1
AT1G02350	1	1	1	1
AT1G02360	0	1	1	1
AT1G02391	1	1	1	1
AT1G02400	1	1	1	1
AT1G02620	0	1	0	1
AT1G02630	0	1	0	1
AT1G02640	0	1	0	1
AT1G02660	1	1	1	1
AT1G02670	1	1	1	1
AT1G02800	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G02810	0	1	0	1
AT1G02813	0	1	0	1
AT1G02816	0	1	0	1
AT1G02990	1	0	0	1
AT1G03080	0	1	0	1
AT1G03090	0	1	0	1
AT1G03130	0	1	0	1
AT1G03140	0	1	0	1
AT1G03170	0	1	0	1
AT1G03180	1	1	0	1
AT1G03220	0	0	1	1
AT1G03457	0	1	0	1
AT1G03470	1	1	0	1
AT1G03475	0	1	0	1
AT1G03590	0	1	1	1
AT1G03600	0	1	1	1
AT1G03610	0	1	1	1
AT1G03780	0	1	0	1
AT1G03790	0	1	1	1
AT1G03800	0	1	1	1
AT1G03810	0	0	1	1
AT1G03870	0	1	1	1
AT1G03880	0	1	1	1
AT1G03982	0	1	1	1
AT1G03990	0	1	1	1
AT1G04150	0	1	0	1
AT1G04160	0	1	0	1
AT1G04171	1	0	0	1
AT1G04180	1	0	0	1
AT1G04240	0	1	1	1
AT1G04250	0	1	0	1
AT1G04360	1	0	0	1
AT1G04370	1	0	0	1
AT1G04530	0	1	0	1
AT1G04540	0	1	0	1
AT1G04550	0	1	0	1
AT1G04600	0	1	0	1
AT1G04610	0	1	0	1
AT1G04684	0	1	1	1
AT1G04690	0	1	1	1
AT1G05010	0	1	1	1
AT1G05020	0	1	0	1
AT1G05085	0	1	0	1
AT1G05090	0	1	0	1
AT1G05150	0	1	0	1
AT1G05160	0	1	0	1
AT1G05490	0	1	0	1
AT1G05700	0	1	0	1
AT1G05710	0	1	0	1
AT1G05805	0	1	0	1
AT1G05810	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G05830	0	1	0	1
AT1G05835	0	1	0	1
AT1G05850	0	1	0	1
AT1G05860	0	1	0	1
AT1G05870	0	1	0	1
AT1G05880	0	1	0	1
AT1G06040	0	1	0	1
AT1G06070	0	1	1	1
AT1G06080	0	1	0	1
AT1G06360	0	1	0	1
AT1G06380	0	1	0	1
AT1G06390	0	1	0	1
AT1G06400	0	1	0	1
AT1G06410	0	1	0	1
AT1G06570	0	1	0	1
AT1G06580	0	1	0	1
AT1G06840	1	1	1	1
AT1G06850	1	1	1	1
AT1G06910	0	1	0	1
AT1G06920	0	1	0	1
AT1G06970	0	1	0	1
AT1G06980	0	1	0	1
AT1G07000	0	1	0	1
AT1G07010	0	1	0	1
AT1G07080	0	0	1	1
AT1G07090	1	1	1	1
AT1G07100	1	1	1	1
AT1G07135	1	1	1	1
AT1G07140	0	1	0	1
AT1G07200	1	1	0	1
AT1G07210	1	1	0	1
AT1G07410	0	0	1	1
AT1G07420	1	0	1	1
AT1G07430	0	1	0	1
AT1G07440	0	1	0	1
AT1G07500	0	1	1	1
AT1G07510	0	1	1	1
AT1G07570	0	0	1	1
AT1G07580	0	1	0	1
AT1G07590	0	1	0	1
AT1G07670	1	0	1	1
AT1G07680	1	0	1	1
AT1G07885	0	1	0	1
AT1G07890	0	1	0	1
AT1G07980	0	1	0	1
AT1G07985	0	1	0	1
AT1G08010	0	1	0	1
AT1G08030	0	1	0	1
AT1G08115	0	1	0	1
AT1G08120	0	1	0	1
AT1G08190	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G08200	0	1	0	1
AT1G08210	0	1	0	1
AT1G08250	0	1	0	1
AT1G08260	0	1	0	1
AT1G08490	0	1	0	1
AT1G08500	0	1	0	1
AT1G08510	0	1	0	1
AT1G08560	1	1	1	1
AT1G08570	1	1	1	1
AT1G08580	0	1	0	1
AT1G08590	0	1	0	1
AT1G08650	0	1	0	1
AT1G08660	0	1	0	1
AT1G08880	1	0	0	1
AT1G08890	1	0	0	1
AT1G08910	0	1	0	1
AT1G08920	0	1	0	1
AT1G09060	0	1	1	1
AT1G09070	0	1	1	1
AT1G09250	0	1	0	1
AT1G09260	1	1	1	1
AT1G09340	0	1	0	1
AT1G09350	1	1	0	1
AT1G09390	0	1	0	1
AT1G09420	0	1	0	1
AT1G09520	0	1	1	1
AT1G09530	0	1	0	1
AT1G09570	0	1	0	1
AT1G09575	0	1	0	1
AT1G10020	0	1	0	1
AT1G10030	0	1	0	1
AT1G10060	0	1	0	1
AT1G10070	0	1	0	1
AT1G10090	0	1	0	1
AT1G10095	0	1	0	1
AT1G10120	0	1	0	1
AT1G10140	0	1	0	1
AT1G10150	0	1	0	1
AT1G10410	0	1	0	1
AT1G10417	0	1	0	1
AT1G10550	1	1	0	1
AT1G10560	1	1	1	1
AT1G10682	1	0	0	1
AT1G10750	0	1	0	1
AT1G10840	0	1	0	1
AT1G10850	0	1	0	1
AT1G10950	0	1	0	1
AT1G10960	0	1	0	1
AT1G11112	0	0	1	1
AT1G11120	0	1	1	1
AT1G11210	1	0	1	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G11430	0	1	0	1
AT1G11440	0	1	0	1
AT1G11545	0	1	0	1
AT1G11550	0	1	0	1
AT1G11700	0	1	0	1
AT1G11710	0	1	0	1
AT1G11740	0	1	0	1
AT1G11820	0	1	0	1
AT1G11840	0	1	0	1
AT1G11960	1	0	1	1
AT1G11970	0	1	1	1
AT1G11980	1	0	0	1
AT1G12070	1	1	1	1
AT1G12080	1	1	1	1
AT1G12090	0	1	0	1
AT1G12100	0	1	0	1
AT1G12110	1	1	1	1
AT1G12180	0	1	0	1
AT1G12190	0	1	0	1
AT1G12230	0	1	0	1
AT1G12240	0	1	0	1
AT1G12320	0	1	0	1
AT1G12330	0	1	0	1
AT1G12420	0	1	0	1
AT1G12423	0	1	0	1
AT1G12440	0	1	0	1
AT1G12450	0	1	0	1
AT1G12451	0	1	0	1
AT1G12460	0	1	0	1
AT1G12500	0	1	0	1
AT1G12510	0	1	0	1
AT1G12570	0	1	0	1
AT1G12580	0	1	0	1
AT1G12820	0	1	0	1
AT1G12830	0	1	0	1
AT1G12845	0	1	0	1
AT1G12920	0	1	0	1
AT1G12930	0	1	0	1
AT1G12980	0	1	0	1
AT1G12990	0	1	0	1
AT1G13240	1	1	1	1
AT1G13245	1	1	1	1
AT1G13250	0	1	0	1
AT1G13260	1	1	0	1
AT1G13270	0	1	0	1
AT1G13280	0	1	0	1
AT1G13740	1	0	1	1
AT1G13940	0	1	0	1
AT1G13950	0	1	1	1
AT1G14180	0	1	0	1
AT1G14185	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G14270	0	1	0	1
AT1G14280	0	1	1	1
AT1G14290	0	1	1	1
AT1G14345	0	1	0	1
AT1G14350	0	1	0	1
AT1G14360	0	1	0	1
AT1G14370	0	1	0	1
AT1G14540	0	1	0	1
AT1G14549	0	1	0	1
AT1G14580	0	0	1	1
AT1G14600	0	1	0	1
AT1G14610	0	1	0	1
AT1G14690	0	1	0	1
AT1G14700	0	1	0	1
AT1G14710	0	1	0	1
AT1G14720	0	1	0	1
AT1G14730	0	1	0	1
AT1G14750	0	1	0	1
AT1G14755	0	1	0	1
AT1G14840	0	1	0	1
AT1G14850	0	1	0	1
AT1G14860	0	1	0	1
AT1G14870	0	1	1	1
AT1G14880	0	1	0	1
AT1G14890	0	1	0	1
AT1G14900	0	1	0	1
AT1G14910	1	1	1	1
AT1G14920	1	1	1	1
AT1G15000	0	1	0	1
AT1G15010	0	1	0	1
AT1G15100	0	1	0	1
AT1G15110	0	1	1	1
AT1G15120	0	1	1	1
AT1G15175	0	1	0	1
AT1G15180	0	1	0	1
AT1G15210	0	1	0	1
AT1G15215	0	1	0	1
AT1G15320	0	1	0	1
AT1G15330	0	1	0	1
AT1G15340	0	1	0	1
AT1G15350	0	1	0	1
AT1G15410	0	1	0	1
AT1G15550	1	1	0	1
AT1G15570	0	1	0	1
AT1G15660	0	1	0	1
AT1G15670	1	1	1	1
AT1G15680	0	1	0	1
AT1G15690	0	1	0	1
AT1G15750	1	1	0	1
AT1G15757	0	1	0	1
AT1G15760	0	1	0	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G15790	0	0	1	1
AT1G15800	0	1	1	1
AT1G15880	0	1	0	1
AT1G16160	1	0	0	1
AT1G16170	0	1	0	1
AT1G16180	0	1	0	1
AT1G16290	0	1	0	1
AT1G16300	0	1	0	1
AT1G16490	0	1	0	1
AT1G16850	1	1	1	1
AT1G16858	1	1	1	1
AT1G16860	1	0	1	1
AT1G16870	0	1	0	1
AT1G16880	0	1	0	1
AT1G17110	0	1	0	1
AT1G17120	0	1	0	1
AT1G17220	0	1	0	1
AT1G17230	0	1	0	1
AT1G17350	0	1	0	1
AT1G17360	0	1	1	1
AT1G17380	0	1	0	1
AT1G17400	0	1	0	1
AT1G17450	0	1	0	1
AT1G17455	0	1	0	1
AT1G17490	0	1	0	1
AT1G17495	0	0	1	1
AT1G17500	0	1	0	1
AT1G17615	0	1	0	1
AT1G17620	0	1	0	1
AT1G17830	0	1	0	1
AT1G17840	0	1	0	1
AT1G17940	0	1	0	1
AT1G17950	0	1	0	1
AT1G18070	1	1	1	1
AT1G18075	1	1	1	1
AT1G18280	0	1	0	1
AT1G18290	0	1	0	1
AT1G18330	0	1	1	1
AT1G18335	0	1	1	1
AT1G18390	0	1	0	1
AT1G18400	1	1	1	1
AT1G18410	0	1	0	1
AT1G18450	0	1	0	1
AT1G18460	0	1	0	1
AT1G18570	0	1	1	1
AT1G18580	0	1	0	1
AT1G18650	0	1	0	1
AT1G18670	0	1	1	1
AT1G18680	0	1	0	1
AT1G18700	0	1	0	1
AT1G18710	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G18720	0	1	0	1
AT1G18730	0	1	0	1
AT1G18740	0	1	0	1
AT1G18870	0	1	0	1
AT1G19000	0	1	0	1
AT1G19010	0	1	0	1
AT1G19110	1	0	0	1
AT1G19140	0	1	0	1
AT1G19150	0	1	0	1
AT1G19170	0	1	0	1
AT1G19180	1	1	1	1
AT1G19220	1	1	0	1
AT1G19230	0	1	0	1
AT1G19290	0	1	0	1
AT1G19300	1	1	1	1
AT1G19310	1	1	1	1
AT1G19320	1	1	1	1
AT1G19397	0	1	0	1
AT1G19450	0	1	0	1
AT1G19460	0	1	1	1
AT1G19570	0	1	0	1
AT1G19580	0	1	0	1
AT1G19660	0	1	0	1
AT1G19670	0	1	0	1
AT1G19790	1	1	0	1
AT1G19800	1	1	0	1
AT1G19835	0	1	1	1
AT1G19840	0	1	0	1
AT1G19850	0	1	0	1
AT1G19870	0	1	0	1
AT1G19880	0	1	0	1
AT1G20010	0	1	0	1
AT1G20015	0	1	0	1
AT1G20030	0	1	0	1
AT1G20070	0	1	0	1
AT1G20080	0	1	0	1
AT1G20190	0	1	0	1
AT1G20200	0	1	0	1
AT1G20320	0	1	0	1
AT1G20330	0	1	1	1
AT1G20340	0	1	0	1
AT1G20350	0	0	1	1
AT1G20440	0	1	0	1
AT1G20450	1	1	1	1
AT1G20460	1	1	1	1
AT1G20490	0	1	0	1
AT1G20500	0	1	0	1
AT1G20510	0	1	0	1
AT1G20515	0	1	0	1
AT1G20610	0	1	0	1
AT1G20620	0	1	1	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G20770	0	1	0	1
AT1G20780	0	1	0	1
AT1G20790	0	1	0	1
AT1G20870	1	0	0	1
AT1G20890	1	1	0	1
AT1G20900	1	1	1	1
AT1G20970	0	1	0	1
AT1G20980	0	1	0	1
AT1G21010	0	1	0	1
AT1G21040	1	0	1	1
AT1G21050	1	1	1	1
AT1G21060	1	1	1	1
AT1G21130	0	1	0	1
AT1G21140	0	1	0	1
AT1G21326	0	0	1	1
AT1G21400	0	1	0	1
AT1G21590	1	0	1	1
AT1G21600	0	1	1	1
AT1G21730	0	1	0	1
AT1G21738	0	1	0	1
AT1G21810	0	1	1	1
AT1G21830	1	1	1	1
AT1G21835	1	1	1	1
AT1G21900	0	1	0	1
AT1G21910	0	1	0	1
AT1G21973	1	0	0	1
AT1G21975	0	1	0	1
AT1G21980	1	1	0	1
AT1G21990	0	1	0	1
AT1G22060	1	1	1	1
AT1G22065	1	1	0	1
AT1G22180	1	1	1	1
AT1G22190	1	1	1	1
AT1G22320	0	1	1	1
AT1G22330	0	1	1	1
AT1G22360	1	1	0	1
AT1G22370	0	1	0	1
AT1G22400	0	0	1	1
AT1G22420	0	0	1	1
AT1G22430	0	0	1	1
AT1G22460	0	1	0	1
AT1G22470	0	1	0	1
AT1G22520	0	1	0	1
AT1G22530	0	1	0	1
AT1G22600	0	1	1	1
AT1G22610	0	1	0	1
AT1G22630	0	1	0	1
AT1G22640	0	1	0	1
AT1G22650	0	1	1	1
AT1G22651	0	0	1	1
AT1G22660	0	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G22730	0	1	0	1
AT1G22740	0	1	0	1
AT1G22760	0	1	0	1
AT1G22767	0	1	0	1
AT1G22770	1	0	0	1
AT1G22880	0	1	1	1
AT1G22882	0	1	1	1
AT1G22910	0	1	0	1
AT1G23020	1	1	1	1
AT1G23030	1	1	1	1
AT1G23040	0	1	0	1
AT1G23050	0	1	0	1
AT1G23060	0	1	0	1
AT1G23070	0	1	0	1
AT1G23074	0	1	0	1
AT1G23080	0	1	1	1
AT1G23090	1	1	0	1
AT1G23100	1	1	0	1
AT1G23380	0	1	0	1
AT1G23390	0	1	0	1
AT1G23480	0	1	0	1
AT1G23490	0	1	0	1
AT1G23700	0	1	1	1
AT1G23710	0	1	1	1
AT1G23860	0	1	0	1
AT1G23870	0	1	0	1
AT1G23980	0	1	0	1
AT1G24000	0	1	0	1
AT1G24120	0	1	0	1
AT1G24130	0	1	0	1
AT1G24170	0	1	1	1
AT1G24180	0	1	0	1
AT1G24260	0	1	1	1
AT1G24265	0	1	1	1
AT1G24530	0	1	0	1
AT1G24540	0	1	0	1
AT1G24590	1	1	0	1
AT1G24600	1	1	1	1
AT1G24625	1	1	0	1
AT1G24640	1	0	0	1
AT1G24650	0	1	0	1
AT1G25220	0	1	0	1
AT1G25230	0	1	0	1
AT1G25240	0	1	0	1
AT1G25250	0	1	0	1
AT1G25270	0	1	0	1
AT1G25275	0	1	1	1
AT1G25280	0	0	1	1
AT1G25425	0	1	0	1
AT1G25440	1	1	1	1
AT1G25450	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G25500	0	1	0	1
AT1G25510	0	1	0	1
AT1G25540	0	1	0	1
AT1G25550	0	1	0	1
AT1G25560	0	1	0	1
AT1G25570	0	1	0	1
AT1G26150	0	1	1	1
AT1G26160	0	1	1	1
AT1G26270	0	1	0	1
AT1G26300	0	1	0	1
AT1G26560	0	1	0	1
AT1G26773	0	1	0	1
AT1G26780	0	1	0	1
AT1G26850	0	1	0	1
AT1G26870	0	1	0	1
AT1G26910	0	1	0	1
AT1G26916	1	1	0	1
AT1G26920	0	1	0	1
AT1G26940	0	1	0	1
AT1G26945	0	1	0	1
AT1G27050	0	1	0	1
AT1G27180	0	1	1	1
AT1G27190	0	1	1	1
AT1G27210	0	1	1	1
AT1G27213	0	1	0	1
AT1G27220	0	1	0	1
AT1G27280	0	1	0	1
AT1G27290	0	1	0	1
AT1G27320	0	1	0	1
AT1G27330	0	1	0	1
AT1G27650	0	1	0	1
AT1G27660	0	1	0	1
AT1G27670	0	1	0	1
AT1G28110	0	1	0	1
AT1G28120	0	1	0	1
AT1G28130	1	1	1	1
AT1G28260	0	1	0	1
AT1G28270	0	1	0	1
AT1G28280	0	1	1	1
AT1G28310	0	1	0	1
AT1G28320	0	1	0	1
AT1G28330	0	1	1	1
AT1G28335	0	1	1	1
AT1G28350	0	1	1	1
AT1G28360	0	1	1	1
AT1G28440	0	1	0	1
AT1G28450	0	1	1	1
AT1G28480	1	1	1	1
AT1G28490	1	1	1	1
AT1G28570	0	1	0	1
AT1G28580	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G28590	0	1	0	1
AT1G28680	0	1	0	1
AT1G28685	0	1	0	1
AT1G29050	0	1	0	1
AT1G29060	0	1	0	1
AT1G29090	0	1	0	1
AT1G29100	0	1	0	1
AT1G29265	0	1	0	1
AT1G29270	0	1	0	1
AT1G29280	0	1	0	1
AT1G29290	1	1	1	1
AT1G29395	0	1	1	1
AT1G29400	0	1	1	1
AT1G29420	0	0	1	1
AT1G29440	0	1	1	1
AT1G29450	0	1	1	1
AT1G29460	0	1	0	1
AT1G29465	0	1	0	1
AT1G29490	0	1	0	1
AT1G29500	1	1	1	1
AT1G29630	0	1	1	1
AT1G29640	0	1	0	1
AT1G29660	0	1	0	1
AT1G29940	0	1	0	1
AT1G29950	0	1	0	1
AT1G29980	0	1	0	1
AT1G30016	0	1	0	1
AT1G30100	0	1	0	1
AT1G30110	0	1	0	1
AT1G30270	1	0	0	1
AT1G30320	0	1	0	1
AT1G30330	0	1	0	1
AT1G30340	0	0	1	1
AT1G30350	0	1	0	1
AT1G30360	0	1	1	1
AT1G30430	0	1	0	1
AT1G30440	0	1	1	1
AT1G30490	0	1	0	1
AT1G30500	0	1	0	1
AT1G30560	0	1	0	1
AT1G30570	0	1	1	1
AT1G30680	0	1	0	1
AT1G30690	0	1	0	1
AT1G30720	0	0	1	1
AT1G30730	0	0	1	1
AT1G30820	0	1	0	1
AT1G30825	0	1	1	1
AT1G31020	0	1	0	1
AT1G31040	0	1	0	1
AT1G31300	0	1	0	1
AT1G31310	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G31358	0	1	0	1
AT1G31360	0	1	0	1
AT1G31410	1	1	0	1
AT1G31420	1	1	0	1
AT1G31812	0	1	0	1
AT1G31814	0	1	0	1
AT1G31835	0	1	0	1
AT1G31840	0	1	0	1
AT1G31875	0	1	0	1
AT1G31880	0	1	0	1
AT1G31920	0	1	0	1
AT1G31930	0	1	0	1
AT1G31940	1	0	0	1
AT1G31950	1	0	0	1
AT1G32050	0	1	0	1
AT1G32060	1	1	0	1
AT1G32090	0	1	0	1
AT1G32100	0	1	0	1
AT1G32160	0	1	0	1
AT1G32170	0	1	0	1
AT1G32190	0	1	0	1
AT1G32200	0	1	1	1
AT1G32225	0	1	0	1
AT1G32230	0	1	0	1
AT1G32240	0	1	0	1
AT1G32530	0	1	0	1
AT1G32540	0	1	0	1
AT1G32640	0	1	0	1
AT1G32650	0	1	0	1
AT1G32660	1	0	0	1
AT1G32690	0	1	0	1
AT1G32700	0	1	0	1
AT1G32710	0	1	0	1
AT1G32740	0	1	0	1
AT1G32910	0	1	0	1
AT1G32920	0	1	1	1
AT1G33060	1	1	1	1
AT1G33070	1	1	0	1
AT1G33140	0	1	0	1
AT1G33170	0	1	0	1
AT1G33230	0	1	0	1
AT1G33240	1	1	1	1
AT1G33250	0	1	0	1
AT1G33415	0	1	0	1
AT1G33440	0	1	0	1
AT1G33450	1	0	0	1
AT1G33470	0	1	0	1
AT1G33560	0	1	0	1
AT1G33590	0	1	0	1
AT1G33607	0	0	1	1
AT1G33610	0	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G33760	0	1	0	1
AT1G33770	0	1	0	1
AT1G34110	0	1	0	1
AT1G34120	0	1	0	1
AT1G34245	0	0	1	1
AT1G34580	0	1	0	1
AT1G34620	1	0	0	1
AT1G34630	1	1	0	1
AT1G35230	0	1	0	1
AT1G35240	0	1	0	1
AT1G35255	0	1	0	1
AT1G35260	0	1	0	1
AT1G35350	0	0	1	1
AT1G35430	0	1	0	1
AT1G35501	0	1	0	1
AT1G35510	0	1	1	1
AT1G35617	0	1	0	1
AT1G35620	0	1	0	1
AT1G35820	0	1	0	1
AT1G35830	0	1	0	1
AT1G35900	1	0	0	1
AT1G36150	0	1	0	1
AT1G36160	0	1	0	1
AT1G36925	0	1	0	1
AT1G36940	0	1	0	1
AT1G37130	0	1	0	1
AT1G37140	0	1	0	1
AT1G42190	0	1	0	1
AT1G42420	0	0	1	1
AT1G42430	0	1	0	1
AT1G42540	0	1	0	1
AT1G42550	0	1	0	1
AT1G44100	0	1	0	1
AT1G44170	0	1	0	1
AT1G44180	0	1	0	1
AT1G44542	0	1	0	1
AT1G44575	0	1	0	1
AT1G44830	0	1	0	1
AT1G44835	0	1	0	1
AT1G45110	0	1	0	1
AT1G45130	1	1	1	1
AT1G45230	0	1	0	1
AT1G45249	0	1	0	1
AT1G45688	0	1	0	1
AT1G46408	0	1	0	1
AT1G46480	0	1	0	1
AT1G46768	0	1	0	1
AT1G46840	0	1	0	1
AT1G47128	0	1	0	1
AT1G47200	0	1	0	1
AT1G47840	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G47860	0	0	1	1
AT1G47870	0	1	1	1
AT1G47990	0	1	0	1
AT1G48000	0	1	0	1
AT1G48250	0	0	1	1
AT1G48260	0	1	1	1
AT1G48325	0	1	0	1
AT1G48330	0	1	0	1
AT1G48350	0	1	0	1
AT1G49130	0	1	0	1
AT1G49140	0	1	0	1
AT1G49190	0	1	0	1
AT1G49200	0	1	0	1
AT1G49210	0	1	0	1
AT1G49220	0	1	0	1
AT1G49230	0	1	0	1
AT1G49240	0	1	0	1
AT1G49450	0	1	0	1
AT1G49500	0	1	1	1
AT1G49510	0	1	0	1
AT1G49610	1	0	1	1
AT1G49730	0	1	1	1
AT1G49740	0	1	1	1
AT1G49780	1	1	1	1
AT1G49790	0	1	0	1
AT1G50020	0	1	0	1
AT1G50030	0	1	0	1
AT1G50450	1	1	0	1
AT1G50460	1	1	0	1
AT1G50630	1	1	0	1
AT1G50640	0	1	0	1
AT1G50890	0	1	0	1
AT1G51130	0	1	0	1
AT1G51140	0	1	0	1
AT1G51580	0	1	0	1
AT1G51680	0	1	0	1
AT1G51690	0	1	0	1
AT1G51790	1	0	1	1
AT1G51800	1	0	1	1
AT1G51805	0	0	1	1
AT1G51940	0	1	0	1
AT1G51950	0	1	0	1
AT1G52180	0	1	0	1
AT1G52185	0	1	1	1
AT1G52190	0	1	1	1
AT1G52343	1	0	0	1
AT1G52347	1	0	0	1
AT1G52560	0	1	0	1
AT1G52565	0	1	1	1
AT1G52700	1	1	0	1
AT1G52710	0	1	0	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G52750	0	1	0	1
AT1G52760	0	1	0	1
AT1G52830	0	0	1	1
AT1G52840	0	0	1	1
AT1G52890	0	1	1	1
AT1G52900	0	1	0	1
AT1G53080	0	0	1	1
AT1G53090	0	0	1	1
AT1G53165	0	1	0	1
AT1G53170	1	1	0	1
AT1G53180	1	1	0	1
AT1G53220	0	1	0	1
AT1G53230	0	1	0	1
AT1G53450	0	1	0	1
AT1G53460	0	1	0	1
AT1G53510	0	1	1	1
AT1G53520	0	1	1	1
AT1G53750	1	1	0	1
AT1G53760	0	1	0	1
AT1G53770	0	1	0	1
AT1G53780	0	1	0	1
AT1G53830	0	1	1	1
AT1G53840	0	1	1	1
AT1G53850	0	1	0	1
AT1G53860	0	1	0	1
AT1G54100	0	1	0	1
AT1G54110	0	1	0	1
AT1G54115	0	1	0	1
AT1G54120	0	1	0	1
AT1G54200	0	1	0	1
AT1G54210	1	1	1	1
AT1G54420	0	1	0	1
AT1G55020	1	0	0	1
AT1G55210	0	1	0	1
AT1G55220	0	1	0	1
AT1G55325	0	1	0	1
AT1G55330	0	1	0	1
AT1G55340	0	1	0	1
AT1G55546	0	1	0	1
AT1G55550	0	1	0	1
AT1G55690	0	1	0	1
AT1G55700	0	1	0	1
AT1G55880	0	1	0	1
AT1G56010	1	0	0	1
AT1G56020	1	0	0	1
AT1G56165	0	1	0	1
AT1G56170	0	1	0	1
AT1G56210	0	1	0	1
AT1G56220	0	1	0	1
AT1G56590	1	1	1	1
AT1G56600	1	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G56630	0	1	0	1
AT1G56650	0	1	0	1
AT1G56670	0	0	1	1
AT1G58030	0	1	0	1
AT1G58037	0	1	0	1
AT1G58100	0	1	0	1
AT1G58110	0	1	0	1
AT1G58200	0	1	0	1
AT1G58210	0	1	0	1
AT1G59740	0	1	0	1
AT1G59810	0	1	0	1
AT1G59820	0	1	0	1
AT1G59900	0	1	0	1
AT1G59910	0	1	0	1
AT1G59920	0	1	0	1
AT1G60010	1	1	0	1
AT1G60025	0	1	0	1
AT1G60050	1	1	0	1
AT1G60060	0	1	0	1
AT1G60140	0	1	0	1
AT1G60150	1	0	1	1
AT1G60160	0	1	0	1
AT1G60170	0	1	0	1
AT1G60180	1	0	1	1
AT1G60190	1	1	1	1
AT1G60430	0	1	0	1
AT1G60440	0	1	0	1
AT1G60450	0	1	0	1
AT1G61100	0	1	0	1
AT1G61105	0	1	0	1
AT1G61260	0	1	0	1
AT1G61270	0	1	0	1
AT1G61350	0	1	0	1
AT1G61353	0	1	0	1
AT1G61730	0	1	0	1
AT1G61732	0	1	0	1
AT1G61740	0	1	1	1
AT1G61890	0	1	0	1
AT1G61900	0	1	0	1
AT1G62301	0	0	1	1
AT1G62370	0	1	0	1
AT1G62380	0	1	0	1
AT1G62420	0	1	1	1
AT1G62430	1	1	0	1
AT1G62440	1	0	0	1
AT1G62450	0	1	0	1
AT1G62480	1	1	1	1
AT1G62760	0	1	0	1
AT1G62770	0	1	0	1
AT1G62810	0	1	0	1
AT1G62820	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G62870	0	1	0	1
AT1G62880	0	1	0	1
AT1G62940	0	1	0	1
AT1G62950	0	1	0	1
AT1G63090	1	1	1	1
AT1G63100	0	1	0	1
AT1G63420	0	1	0	1
AT1G63670	0	1	0	1
AT1G63680	0	1	0	1
AT1G63830	0	1	0	1
AT1G63840	0	1	0	1
AT1G64060	0	1	0	1
AT1G64080	1	0	1	1
AT1G64090	1	0	1	1
AT1G64110	0	1	0	1
AT1G64120	0	1	0	1
AT1G64370	0	1	0	1
AT1G64380	0	1	1	1
AT1G64385	0	1	0	1
AT1G64390	0	1	0	1
AT1G64450	0	1	0	1
AT1G64620	0	1	0	1
AT1G64625	0	1	0	1
AT1G64640	0	1	0	1
AT1G64650	0	1	1	1
AT1G64660	0	1	1	1
AT1G64670	0	1	0	1
AT1G64680	0	1	0	1
AT1G64700	0	1	1	1
AT1G64710	0	1	1	1
AT1G64850	0	1	0	1
AT1G64860	0	1	0	1
AT1G64980	1	1	1	1
AT1G64990	0	1	0	1
AT1G65000	0	1	0	1
AT1G65010	0	1	0	1
AT1G65590	0	1	1	1
AT1G65830	1	1	0	1
AT1G65840	1	1	0	1
AT1G65920	0	1	0	1
AT1G65930	0	1	0	1
AT1G66145	1	1	1	1
AT1G66150	1	1	1	1
AT1G66160	0	0	1	1
AT1G66173	0	1	0	1
AT1G66180	0	1	0	1
AT1G66190	0	1	0	1
AT1G66235	0	1	0	1
AT1G66240	0	1	0	1
AT1G66345	0	1	0	1
AT1G66350	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G66390	0	1	0	1
AT1G66400	0	1	0	1
AT1G66560	1	0	1	1
AT1G66940	0	1	1	1
AT1G66950	0	1	0	1
AT1G67040	0	1	0	1
AT1G67050	1	1	1	1
AT1G67060	0	1	0	1
AT1G67190	0	1	0	1
AT1G67195	0	1	0	1
AT1G67230	0	1	0	1
AT1G67238	0	1	0	1
AT1G67260	0	1	0	1
AT1G67265	1	1	1	1
AT1G67270	0	1	0	1
AT1G67360	0	1	0	1
AT1G67470	0	1	0	1
AT1G67480	0	1	0	1
AT1G67510	0	1	0	1
AT1G67520	0	1	0	1
AT1G67590	1	1	1	1
AT1G67600	0	1	0	1
AT1G67710	0	1	0	1
AT1G67720	0	1	0	1
AT1G67730	0	1	0	1
AT1G67740	0	1	0	1
AT1G67750	0	1	0	1
AT1G67790	0	1	0	1
AT1G67880	0	1	1	1
AT1G67890	0	1	1	1
AT1G67900	0	1	1	1
AT1G67910	0	1	0	1
AT1G67920	0	1	0	1
AT1G68010	0	1	0	1
AT1G68020	1	1	1	1
AT1G68120	1	1	0	1
AT1G68130	1	1	0	1
AT1G68185	0	1	0	1
AT1G68190	1	1	1	1
AT1G68330	0	1	0	1
AT1G68430	0	1	0	1
AT1G68440	0	1	0	1
AT1G68490	1	1	0	1
AT1G68500	0	1	0	1
AT1G68540	0	1	0	1
AT1G68550	1	1	0	1
AT1G68560	1	1	0	1
AT1G68570	0	1	1	1
AT1G68610	0	1	0	1
AT1G68620	1	1	0	1
AT1G68660	1	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G68670	1	1	1	1
AT1G68800	0	0	1	1
AT1G68825	0	1	0	1
AT1G68830	1	1	1	1
AT1G68840	1	1	1	1
AT1G68862	0	0	1	1
AT1G68875	0	0	1	1
AT1G69000	0	1	1	1
AT1G69010	1	1	1	1
AT1G69030	1	1	1	1
AT1G69040	0	1	0	1
AT1G69120	0	1	0	1
AT1G69130	0	1	0	1
AT1G69150	0	1	1	1
AT1G69160	0	1	1	1
AT1G69252	0	1	0	1
AT1G69260	1	1	0	1
AT1G69270	1	1	1	1
AT1G69280	0	1	0	1
AT1G69295	1	1	0	1
AT1G69310	0	1	0	1
AT1G69410	0	1	0	1
AT1G69420	0	1	0	1
AT1G69526	0	1	0	1
AT1G69530	0	1	0	1
AT1G69540	0	1	1	1
AT1G69550	0	1	0	1
AT1G69560	0	1	0	1
AT1G69570	1	1	1	1
AT1G69580	0	1	0	1
AT1G69587	0	1	0	1
AT1G69600	0	1	0	1
AT1G69680	0	1	0	1
AT1G69690	1	1	1	1
AT1G69740	0	1	0	1
AT1G69750	0	1	0	1
AT1G69760	1	1	0	1
AT1G69770	0	1	0	1
AT1G69780	0	1	0	1
AT1G69790	0	1	0	1
AT1G69800	0	1	0	1
AT1G69850	0	1	0	1
AT1G69890	0	1	1	1
AT1G69900	0	1	0	1
AT1G69910	0	1	0	1
AT1G69920	0	0	1	1
AT1G69930	0	0	1	1
AT1G70080	0	1	0	1
AT1G70090	0	1	0	1
AT1G70200	0	1	0	1
AT1G70209	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G70210	0	1	1	1
AT1G70220	0	1	0	1
AT1G70260	0	1	0	1
AT1G70270	0	1	0	1
AT1G70280	0	1	0	1
AT1G70290	0	1	0	1
AT1G70300	1	1	0	1
AT1G70310	0	1	0	1
AT1G70360	0	1	0	1
AT1G70370	0	1	0	1
AT1G70410	0	1	0	1
AT1G70420	1	1	0	1
AT1G70430	1	1	0	1
AT1G70510	0	1	0	1
AT1G70530	0	1	0	1
AT1G70540	0	1	0	1
AT1G70560	0	1	1	1
AT1G70700	0	1	0	1
AT1G70710	0	1	0	1
AT1G70750	1	0	1	1
AT1G70760	1	0	1	1
AT1G70780	0	0	1	1
AT1G70782	0	0	1	1
AT1G70790	0	0	1	1
AT1G70920	0	1	0	1
AT1G70940	1	1	1	1
AT1G70944	0	1	1	1
AT1G70949	0	1	0	1
AT1G70950	0	0	1	1
AT1G71002	0	1	0	1
AT1G71010	0	1	0	1
AT1G71015	0	0	1	1
AT1G71020	0	0	1	1
AT1G71080	0	1	0	1
AT1G71090	0	1	0	1
AT1G71100	0	1	0	1
AT1G71110	0	1	0	1
AT1G71490	0	0	1	1
AT1G71520	1	0	1	1
AT1G71695	0	0	1	1
AT1G71870	0	1	0	1
AT1G71880	0	1	0	1
AT1G71960	0	1	0	1
AT1G71970	0	1	0	1
AT1G72000	0	1	0	1
AT1G72010	0	1	0	1
AT1G72070	0	1	0	1
AT1G72080	0	1	0	1
AT1G72100	0	1	0	1
AT1G72141	0	1	0	1
AT1G72150	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G72160	0	1	0	1
AT1G72175	0	1	0	1
AT1G72180	0	1	1	1
AT1G72200	0	1	0	1
AT1G72240	0	1	0	1
AT1G72250	0	1	0	1
AT1G72280	0	1	0	1
AT1G72290	0	1	0	1
AT1G72390	0	1	0	1
AT1G72430	0	1	0	1
AT1G72440	0	1	0	1
AT1G72450	0	1	1	1
AT1G72460	0	1	1	1
AT1G72470	1	1	1	1
AT1G72490	1	1	1	1
AT1G72500	0	1	0	1
AT1G72520	0	1	0	1
AT1G72590	0	1	0	1
AT1G72600	0	1	1	1
AT1G72610	0	1	1	1
AT1G72620	0	1	1	1
AT1G72690	0	1	0	1
AT1G72700	0	1	0	1
AT1G72810	0	1	0	1
AT1G72820	0	1	0	1
AT1G72990	1	1	0	1
AT1G73000	1	1	0	1
AT1G73050	0	1	0	1
AT1G73060	0	1	0	1
AT1G73066	0	1	0	1
AT1G73080	0	1	0	1
AT1G73120	1	1	1	1
AT1G73130	1	1	1	1
AT1G73370	0	1	0	1
AT1G73380	0	1	0	1
AT1G73470	0	1	1	1
AT1G73480	0	1	1	1
AT1G73540	0	1	1	1
AT1G73550	0	1	0	1
AT1G73590	0	1	0	1
AT1G73600	0	1	0	1
AT1G73660	1	1	0	1
AT1G73670	1	1	0	1
AT1G73680	0	1	0	1
AT1G73687	0	1	1	1
AT1G73690	0	1	1	1
AT1G73750	0	0	1	1
AT1G73760	0	0	1	1
AT1G73830	0	1	1	1
AT1G73840	0	1	0	1
AT1G73880	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G73960	0	1	0	1
AT1G73965	0	1	0	1
AT1G74010	0	0	1	1
AT1G74020	0	0	1	1
AT1G74088	1	0	1	1
AT1G74440	1	0	1	1
AT1G74448	0	1	1	1
AT1G74450	1	0	0	1
AT1G74500	0	1	0	1
AT1G74510	0	1	0	1
AT1G74650	0	1	0	1
AT1G74660	0	1	0	1
AT1G74670	0	1	1	1
AT1G74740	1	1	0	1
AT1G74750	1	1	0	1
AT1G74770	1	1	0	1
AT1G74780	1	1	0	1
AT1G74790	0	1	0	1
AT1G74840	1	1	0	1
AT1G74920	0	1	0	1
AT1G74929	0	1	0	1
AT1G75060	0	1	0	1
AT1G75070	0	1	0	1
AT1G75166	0	1	0	1
AT1G75170	1	1	0	1
AT1G75180	0	1	1	1
AT1G75190	0	1	1	1
AT1G75200	0	1	1	1
AT1G75210	0	1	0	1
AT1G75230	0	1	0	1
AT1G75240	1	1	1	1
AT1G75295	0	1	0	1
AT1G75310	0	1	0	1
AT1G75380	0	1	0	1
AT1G75388	1	1	0	1
AT1G75390	1	0	0	1
AT1G75430	0	1	0	1
AT1G75440	0	1	0	1
AT1G75450	1	1	1	1
AT1G75460	0	1	1	1
AT1G75470	0	1	0	1
AT1G75490	0	1	0	1
AT1G75500	0	1	1	1
AT1G75510	0	1	0	1
AT1G75520	0	1	0	1
AT1G75530	0	1	0	1
AT1G75540	1	1	0	1
AT1G75550	0	1	0	1
AT1G75580	0	1	0	1
AT1G75590	1	1	0	1
AT1G75600	1	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G75710	0	1	0	1
AT1G75800	0	1	0	1
AT1G75810	0	1	0	1
AT1G75820	0	1	1	1
AT1G75830	0	1	0	1
AT1G76080	0	0	1	1
AT1G76090	0	1	0	1
AT1G76100	0	1	0	1
AT1G76150	0	0	1	1
AT1G76160	0	1	1	1
AT1G76170	0	1	0	1
AT1G76180	0	1	0	1
AT1G76185	0	1	0	1
AT1G76240	0	1	0	1
AT1G76250	0	1	0	1
AT1G76360	0	0	1	1
AT1G76380	0	1	0	1
AT1G76390	0	1	0	1
AT1G76420	0	1	0	1
AT1G76490	0	1	0	1
AT1G76500	1	1	0	1
AT1G76600	1	0	1	1
AT1G76730	0	1	0	1
AT1G76740	0	1	0	1
AT1G76880	0	1	1	1
AT1G76890	1	1	0	1
AT1G76900	0	1	0	1
AT1G77000	1	0	0	1
AT1G77200	1	1	0	1
AT1G77210	0	1	0	1
AT1G77280	0	1	0	1
AT1G77480	0	1	0	1
AT1G77490	0	1	0	1
AT1G77500	0	1	0	1
AT1G77670	0	1	0	1
AT1G77680	0	1	0	1
AT1G77690	0	1	0	1
AT1G77700	0	1	0	1
AT1G77740	1	0	0	1
AT1G77855	0	1	0	1
AT1G77860	0	1	0	1
AT1G77880	0	1	0	1
AT1G78030	0	1	0	1
AT1G78040	0	1	1	1
AT1G78070	0	1	0	1
AT1G78080	1	1	0	1
AT1G78090	0	1	0	1
AT1G78100	0	1	0	1
AT1G78220	1	1	0	1
AT1G78230	1	1	0	1
AT1G78240	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G78250	0	1	0	1
AT1G78260	0	1	0	1
AT1G78290	0	1	1	1
AT1G78300	0	1	1	1
AT1G78390	0	1	0	1
AT1G78400	0	1	1	1
AT1G78410	0	0	1	1
AT1G78670	0	1	0	1
AT1G78680	0	1	0	1
AT1G78690	0	1	1	1
AT1G78700	1	1	1	1
AT1G78710	0	1	1	1
AT1G78850	1	1	1	1
AT1G78860	0	1	0	1
AT1G78880	0	1	0	1
AT1G78890	0	1	0	1
AT1G78960	0	1	0	1
AT1G78970	0	1	0	1
AT1G79060	0	1	0	1
AT1G79070	0	1	0	1
AT1G79100	0	1	0	1
AT1G79110	0	1	0	1
AT1G79120	0	1	1	1
AT1G79330	0	1	0	1
AT1G79340	0	1	0	1
AT1G79350	0	1	0	1
AT1G79360	1	1	0	1
AT1G79370	1	1	0	1
AT1G79420	0	1	1	1
AT1G79530	0	1	0	1
AT1G79540	0	1	0	1
AT1G79580	1	0	1	1
AT1G79590	1	0	1	1
AT1G79630	0	1	0	1
AT1G79640	0	1	0	1
AT1G79650	0	1	0	1
AT1G79660	0	1	0	1
AT1G79750	0	1	0	1
AT1G79760	0	1	0	1
AT1G80130	0	1	0	1
AT1G80133	0	1	0	1
AT1G80170	0	1	0	1
AT1G80180	0	1	0	1
AT1G80240	0	1	1	1
AT1G80250	0	1	1	1
AT1G80280	0	1	1	1
AT1G80290	0	1	1	1
AT1G80300	0	1	0	1
AT1G80390	0	1	0	1
AT1G80400	0	1	0	1
AT1G80460	1	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT1G80490	0	1	0	1
AT1G80500	0	1	0	1
AT1G80831	0	1	0	1
AT1G80840	0	0	1	1
AT1G80860	0	0	1	1
AT1G80865	0	1	0	1
AT1G80870	0	1	1	1
AT2G01010	0	0	1	1
AT2G01020	0	0	1	1
AT2G01022	0	0	1	1
AT2G01140	1	1	1	1
AT2G01150	1	1	1	1
AT2G01180	0	1	0	1
AT2G01190	0	1	0	1
AT2G01200	0	1	0	1
AT2G01300	0	1	0	1
AT2G01310	0	1	0	1
AT2G01340	0	0	1	1
AT2G01410	0	1	0	1
AT2G01420	1	1	0	1
AT2G01430	0	1	0	1
AT2G01440	0	1	0	1
AT2G01450	0	1	0	1
AT2G01570	1	1	1	1
AT2G01580	0	1	0	1
AT2G01600	0	1	0	1
AT2G01610	0	1	0	1
AT2G01620	0	1	0	1
AT2G01670	0	1	1	1
AT2G01680	1	1	1	1
AT2G01890	0	1	0	1
AT2G01900	0	1	0	1
AT2G01905	0	1	0	1
AT2G01910	0	1	0	1
AT2G02070	0	1	1	1
AT2G02080	0	1	1	1
AT2G02090	0	0	1	1
AT2G02170	0	1	1	1
AT2G02180	0	1	1	1
AT2G02440	0	1	0	1
AT2G02450	0	1	0	1
AT2G02710	0	1	0	1
AT2G02720	0	1	0	1
AT2G02860	0	1	0	1
AT2G02870	0	1	0	1
AT2G02960	0	1	0	1
AT2G02970	0	1	0	1
AT2G03110	0	1	0	1
AT2G03120	1	1	1	1
AT2G03240	0	1	0	1
AT2G03250	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G03530	0	1	0	1
AT2G03550	0	1	0	1
AT2G03700	1	1	1	1
AT2G03710	1	1	0	1
AT2G03720	0	1	0	1
AT2G03730	1	1	0	1
AT2G03740	0	1	0	1
AT2G03890	0	1	0	1
AT2G03913	0	1	0	1
AT2G04240	0	1	0	1
AT2G04270	0	1	0	1
AT2G04350	1	0	0	1
AT2G04495	0	1	0	1
AT2G04500	0	1	0	1
AT2G04675	1	0	0	1
AT2G04680	1	0	0	1
AT2G05520	0	0	1	1
AT2G05780	0	0	1	1
AT2G05786	0	1	1	1
AT2G05790	0	1	1	1
AT2G05920	0	1	0	1
AT2G05940	0	1	1	1
AT2G06166	0	1	0	1
AT2G06200	0	1	0	1
AT2G07050	0	1	0	1
AT2G07110	0	1	0	1
AT2G08986	0	0	1	1
AT2G10606	0	1	1	1
AT2G10608	0	1	0	1
AT2G10940	0	1	0	1
AT2G10950	0	1	0	1
AT2G13650	0	1	0	1
AT2G13660	0	1	0	1
AT2G14206	0	1	0	1
AT2G14210	0	1	0	1
AT2G14880	1	1	0	1
AT2G14890	1	1	0	1
AT2G14900	0	1	0	1
AT2G14960	1	1	1	1
AT2G15000	0	1	0	1
AT2G15430	0	1	0	1
AT2G15580	0	0	1	1
AT2G15820	0	1	0	1
AT2G15830	0	1	0	1
AT2G16280	0	1	0	1
AT2G16290	0	1	0	1
AT2G16340	0	1	0	1
AT2G16365	1	1	0	1
AT2G16430	0	1	0	1
AT2G16440	0	1	0	1
AT2G16660	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G16668	0	1	0	1
AT2G16676	0	1	0	1
AT2G16700	0	1	0	1
AT2G16720	0	1	1	1
AT2G16730	0	1	0	1
AT2G16835	0	1	0	1
AT2G16850	0	1	0	1
AT2G16860	0	1	0	1
AT2G16870	0	1	0	1
AT2G17290	1	1	0	1
AT2G17295	0	1	0	1
AT2G17480	0	1	0	1
AT2G17490	1	0	0	1
AT2G17500	1	1	0	1
AT2G17723	0	1	0	1
AT2G17730	0	1	0	1
AT2G18000	0	1	0	1
AT2G18010	0	1	0	1
AT2G18020	0	1	0	1
AT2G18080	0	1	0	1
AT2G18090	1	1	1	1
AT2G18160	1	1	1	1
AT2G18162	1	0	1	1
AT2G18170	1	1	0	1
AT2G18193	0	1	0	1
AT2G18196	0	1	0	1
AT2G18260	0	1	0	1
AT2G18280	0	1	0	1
AT2G18290	0	1	0	1
AT2G18300	1	1	1	1
AT2G18310	0	1	1	1
AT2G18350	0	1	1	1
AT2G18360	0	1	0	1
AT2G18550	0	1	0	1
AT2G18560	0	1	0	1
AT2G18690	0	1	0	1
AT2G18700	1	1	1	1
AT2G18721	0	1	0	1
AT2G18730	0	1	0	1
AT2G18780	1	1	1	1
AT2G18790	1	1	1	1
AT2G18870	0	1	0	1
AT2G18876	0	1	0	1
AT2G18950	0	1	0	1
AT2G18960	0	1	0	1
AT2G18969	0	0	1	1
AT2G18970	0	1	0	1
AT2G18980	0	1	0	1
AT2G19170	0	1	0	1
AT2G19180	0	1	1	1
AT2G19450	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G19460	1	1	1	1
AT2G19660	0	1	0	1
AT2G19670	0	1	0	1
AT2G19802	0	1	0	1
AT2G19806	1	0	1	1
AT2G19810	0	1	0	1
AT2G19870	0	1	0	1
AT2G19880	0	1	0	1
AT2G20050	0	1	0	1
AT2G20060	0	1	0	1
AT2G20100	0	1	0	1
AT2G20362	0	1	0	1
AT2G20370	0	1	0	1
AT2G20515	0	1	1	1
AT2G20520	0	1	1	1
AT2G20562	0	1	1	1
AT2G20570	0	1	1	1
AT2G20580	0	1	0	1
AT2G20630	0	1	0	1
AT2G20635	0	1	0	1
AT2G20670	0	1	0	1
AT2G20680	0	1	0	1
AT2G20723	0	1	0	1
AT2G20725	0	1	0	1
AT2G20740	0	1	0	1
AT2G20750	0	1	1	1
AT2G20760	0	1	1	1
AT2G20825	0	1	0	1
AT2G20830	0	1	0	1
AT2G20835	0	1	0	1
AT2G20840	0	1	0	1
AT2G20980	0	1	0	1
AT2G20990	0	1	0	1
AT2G21050	0	1	0	1
AT2G21170	0	1	0	1
AT2G21180	0	1	0	1
AT2G21200	0	1	0	1
AT2G21210	0	1	1	1
AT2G21220	0	1	0	1
AT2G21230	0	1	0	1
AT2G21500	0	1	0	1
AT2G21510	1	1	0	1
AT2G21520	1	1	0	1
AT2G21580	0	1	0	1
AT2G21590	0	1	0	1
AT2G21640	0	1	0	1
AT2G21650	0	1	0	1
AT2G21660	0	1	1	1
AT2G21670	0	1	1	1
AT2G22070	0	1	0	1
AT2G22080	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G22121	0	1	0	1
AT2G22122	0	1	0	1
AT2G22125	0	1	0	1
AT2G22170	0	1	1	1
AT2G22180	0	1	1	1
AT2G22320	0	1	0	1
AT2G22330	0	1	0	1
AT2G22426	0	1	1	1
AT2G22430	0	1	0	1
AT2G22440	0	1	0	1
AT2G22496	0	1	0	1
AT2G22500	0	1	0	1
AT2G22620	0	1	0	1
AT2G22630	0	1	0	1
AT2G22668	0	1	0	1
AT2G22670	0	1	0	1
AT2G22750	0	1	0	1
AT2G22760	0	1	0	1
AT2G22790	0	1	0	1
AT2G22795	1	1	1	1
AT2G22800	0	1	0	1
AT2G22802	0	1	0	1
AT2G22805	0	1	0	1
AT2G22821	0	1	0	1
AT2G22830	0	1	1	1
AT2G22840	0	1	1	1
AT2G22850	0	1	0	1
AT2G22860	0	1	0	1
AT2G22900	0	1	0	1
AT2G22980	0	1	0	1
AT2G22990	0	1	0	1
AT2G23000	0	0	1	1
AT2G23120	0	1	0	1
AT2G23130	0	1	0	1
AT2G23150	0	1	0	1
AT2G23160	0	1	0	1
AT2G23170	1	0	1	1
AT2G23171	0	1	1	1
AT2G23180	0	1	0	1
AT2G23290	0	1	1	1
AT2G23300	0	1	0	1
AT2G23320	0	0	1	1
AT2G23450	0	1	0	1
AT2G23460	0	1	0	1
AT2G23680	0	1	0	1
AT2G23690	0	1	0	1
AT2G23700	0	1	0	1
AT2G23740	0	1	0	1
AT2G23755	0	1	1	1
AT2G23760	0	1	0	1
AT2G23770	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G24180	0	1	0	1
AT2G24210	0	1	1	1
AT2G24220	0	1	1	1
AT2G24270	0	1	1	1
AT2G24280	0	1	1	1
AT2G24550	0	1	0	1
AT2G24560	0	1	0	1
AT2G24570	1	0	1	1
AT2G24625	0	1	1	1
AT2G24780	0	1	0	1
AT2G24790	0	1	0	1
AT2G25052	0	1	0	1
AT2G25060	0	1	0	1
AT2G25430	0	1	1	1
AT2G25440	0	1	1	1
AT2G25460	1	1	1	1
AT2G25470	1	1	1	1
AT2G25490	0	1	0	1
AT2G25500	0	1	0	1
AT2G25530	1	0	0	1
AT2G25620	0	1	0	1
AT2G25625	0	1	0	1
AT2G26000	0	0	1	1
AT2G26010	0	0	1	1
AT2G26110	0	1	1	1
AT2G26120	0	1	1	1
AT2G26250	1	0	1	1
AT2G26260	1	0	1	1
AT2G26360	0	1	0	1
AT2G26370	0	1	0	1
AT2G26440	0	1	0	1
AT2G26450	0	1	0	1
AT2G26530	0	0	1	1
AT2G26690	0	1	1	1
AT2G26695	0	1	0	1
AT2G26700	0	1	0	1
AT2G26710	0	1	1	1
AT2G26730	0	1	0	1
AT2G26770	0	1	0	1
AT2G26780	0	1	0	1
AT2G26900	0	1	0	1
AT2G26910	0	1	0	1
AT2G27050	0	1	0	1
AT2G27060	1	1	1	1
AT2G27090	0	1	0	1
AT2G27260	0	1	0	1
AT2G27490	0	1	0	1
AT2G27500	1	1	1	1
AT2G27505	1	0	1	1
AT2G27540	0	1	0	1
AT2G27550	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G27660	0	1	0	1
AT2G27680	0	1	0	1
AT2G27760	0	1	0	1
AT2G27770	0	1	0	1
AT2G27820	0	1	0	1
AT2G27830	0	1	0	1
AT2G27840	0	1	0	1
AT2G27860	0	1	0	1
AT2G27880	0	1	0	1
AT2G28056	1	1	0	1
AT2G28060	0	1	0	1
AT2G28120	0	1	0	1
AT2G28130	0	1	0	1
AT2G28140	0	1	0	1
AT2G28190	0	1	0	1
AT2G28200	0	1	0	1
AT2G28315	0	1	0	1
AT2G28320	0	1	0	1
AT2G28340	0	1	0	1
AT2G28350	0	1	0	1
AT2G28355	0	1	1	1
AT2G28360	0	1	0	1
AT2G28400	1	0	0	1
AT2G28401	0	1	0	1
AT2G28405	0	1	0	1
AT2G28490	0	1	0	1
AT2G28500	0	1	0	1
AT2G28510	0	1	0	1
AT2G28520	0	1	0	1
AT2G28830	0	1	0	1
AT2G28840	0	1	0	1
AT2G28850	0	1	0	1
AT2G28940	0	1	1	1
AT2G28950	0	1	0	1
AT2G29452	0	1	0	1
AT2G29654	0	1	0	1
AT2G29660	0	1	0	1
AT2G29720	0	1	1	1
AT2G29730	0	1	1	1
AT2G29980	0	1	0	1
AT2G29990	0	1	0	1
AT2G30010	0	1	0	1
AT2G30020	0	1	1	1
AT2G30032	0	1	0	1
AT2G30140	0	1	0	1
AT2G30150	1	1	0	1
AT2G30230	0	1	0	1
AT2G30240	0	1	0	1
AT2G30520	0	1	1	1
AT2G30530	0	1	1	1
AT2G30770	1	0	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G30780	1	0	1	1
AT2G30980	1	0	0	1
AT2G31005	0	1	1	1
AT2G31010	1	1	1	1
AT2G31082	0	1	0	1
AT2G31083	0	1	0	1
AT2G31220	1	0	0	1
AT2G31360	0	1	0	1
AT2G31370	0	1	0	1
AT2G31550	0	0	1	1
AT2G31560	0	0	1	1
AT2G31740	1	1	0	1
AT2G31750	1	1	0	1
AT2G31930	0	1	0	1
AT2G31940	0	1	0	1
AT2G31980	1	0	1	1
AT2G31981	0	1	1	1
AT2G31990	0	1	0	1
AT2G32090	0	1	0	1
AT2G32100	0	1	0	1
AT2G32140	0	0	1	1
AT2G32150	0	1	1	1
AT2G32415	0	1	0	1
AT2G32430	0	1	0	1
AT2G32510	0	1	0	1
AT2G32550	0	1	0	1
AT2G32560	0	1	0	1
AT2G32710	0	1	0	1
AT2G32720	0	1	0	1
AT2G32930	1	1	0	1
AT2G32940	0	1	1	1
AT2G32970	0	1	0	1
AT2G32980	0	1	0	1
AT2G33040	0	1	1	1
AT2G33050	0	1	1	1
AT2G33175	0	1	0	1
AT2G33180	0	1	1	1
AT2G33210	0	1	0	1
AT2G33233	0	1	0	1
AT2G33240	0	1	0	1
AT2G33310	0	1	0	1
AT2G33360	0	1	0	1
AT2G33380	1	0	1	1
AT2G33385	0	0	1	1
AT2G33560	0	1	0	1
AT2G33570	0	1	0	1
AT2G33710	0	1	0	1
AT2G33720	0	1	0	1
AT2G33800	0	1	0	1
AT2G33810	0	1	0	1
AT2G34020	1	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G34030	0	1	0	1
AT2G34070	0	1	1	1
AT2G34110	0	1	0	1
AT2G34150	0	1	0	1
AT2G34160	0	1	0	1
AT2G34180	1	1	0	1
AT2G34185	1	1	0	1
AT2G34186	1	1	1	1
AT2G34190	1	1	1	1
AT2G34315	0	1	0	1
AT2G34640	0	1	0	1
AT2G34650	1	1	0	1
AT2G34655	1	0	0	1
AT2G34710	0	1	0	1
AT2G34720	0	1	0	1
AT2G34930	0	1	1	1
AT2G34940	0	1	1	1
AT2G34985	0	1	0	1
AT2G35160	0	1	0	1
AT2G35170	0	1	0	1
AT2G35200	0	1	0	1
AT2G35208	0	1	0	1
AT2G35260	0	1	0	1
AT2G35460	0	1	0	1
AT2G35470	0	1	0	1
AT2G35620	0	1	0	1
AT2G35630	0	1	0	1
AT2G35700	0	1	0	1
AT2G35710	1	1	1	1
AT2G35720	1	0	1	1
AT2G35850	0	1	0	1
AT2G35860	0	1	1	1
AT2G35880	1	1	1	1
AT2G35890	0	1	0	1
AT2G35940	0	1	0	1
AT2G35950	0	1	0	1
AT2G36050	0	1	1	1
AT2G36053	0	1	1	1
AT2G36060	0	1	0	1
AT2G36080	1	1	0	1
AT2G36090	1	1	0	1
AT2G36190	0	1	0	1
AT2G36261	0	0	1	1
AT2G36270	0	1	1	1
AT2G36280	0	1	0	1
AT2G36310	0	1	0	1
AT2G36320	0	1	0	1
AT2G36400	0	1	0	1
AT2G36410	0	1	1	1
AT2G36870	0	1	0	1
AT2G36880	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G36881	0	1	0	1
AT2G36910	0	1	0	1
AT2G36950	0	1	0	1
AT2G37025	0	1	0	1
AT2G37030	0	1	0	1
AT2G37040	0	1	0	1
AT2G37050	0	1	0	1
AT2G37170	0	1	0	1
AT2G37180	0	1	0	1
AT2G37270	0	1	0	1
AT2G37280	0	1	0	1
AT2G37555	0	1	0	1
AT2G37630	0	1	0	1
AT2G37640	0	1	0	1
AT2G37650	0	1	0	1
AT2G37678	0	1	0	1
AT2G37680	0	1	0	1
AT2G37710	0	0	1	1
AT2G37720	0	0	1	1
AT2G37930	0	1	1	1
AT2G37940	0	1	1	1
AT2G38050	0	1	0	1
AT2G38060	0	1	0	1
AT2G38070	0	1	0	1
AT2G38080	0	1	0	1
AT2G38090	0	1	0	1
AT2G38110	0	1	0	1
AT2G38120	0	1	1	1
AT2G38130	0	1	0	1
AT2G38170	0	1	0	1
AT2G38180	0	1	0	1
AT2G38240	0	0	1	1
AT2G38310	0	1	0	1
AT2G38320	0	1	0	1
AT2G38390	0	1	0	1
AT2G38400	0	1	1	1
AT2G38465	0	0	1	1
AT2G38470	0	0	1	1
AT2G38510	0	1	0	1
AT2G38530	0	1	1	1
AT2G39000	0	1	1	1
AT2G39010	0	1	1	1
AT2G39130	0	1	0	1
AT2G39170	0	1	0	1
AT2G39175	0	1	0	1
AT2G39200	1	1	0	1
AT2G39210	0	1	1	1
AT2G39220	0	1	0	1
AT2G39230	0	1	0	1
AT2G39450	1	1	1	1
AT2G39460	1	1	1	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G39480	0	1	0	1
AT2G39490	0	1	0	1
AT2G39700	0	1	0	1
AT2G39705	0	1	0	1
AT2G39710	0	1	0	1
AT2G39760	0	1	0	1
AT2G39770	0	1	1	1
AT2G39860	0	1	1	1
AT2G39865	0	1	0	1
AT2G39870	0	1	1	1
AT2G39920	0	1	0	1
AT2G39930	0	1	0	1
AT2G39950	0	1	0	1
AT2G39960	0	1	0	1
AT2G39980	0	1	0	1
AT2G39990	0	1	0	1
AT2G40000	0	1	0	1
AT2G40004	0	1	0	1
AT2G40008	1	1	1	1
AT2G40260	0	1	0	1
AT2G40270	1	1	1	1
AT2G40280	0	1	1	1
AT2G40300	1	0	0	1
AT2G40310	1	0	0	1
AT2G40475	0	1	0	1
AT2G40480	0	1	0	1
AT2G40540	1	1	1	1
AT2G40610	1	1	1	1
AT2G40620	0	1	0	1
AT2G40640	0	1	1	1
AT2G40690	0	1	0	1
AT2G40700	0	1	0	1
AT2G40800	0	1	0	1
AT2G40802	0	1	0	1
AT2G40940	0	0	1	1
AT2G40950	0	0	1	1
AT2G40970	1	1	0	1
AT2G40980	1	1	0	1
AT2G41060	0	1	0	1
AT2G41070	1	1	1	1
AT2G41090	0	1	0	1
AT2G41100	0	1	0	1
AT2G41110	0	1	0	1
AT2G41140	0	1	0	1
AT2G41170	0	1	0	1
AT2G41178	0	1	0	1
AT2G41300	1	1	0	1
AT2G41310	1	1	0	1
AT2G41370	0	1	0	1
AT2G41380	0	1	0	1
AT2G41400	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G41410	0	1	0	1
AT2G41420	0	1	0	1
AT2G41430	0	1	0	1
AT2G41500	0	0	1	1
AT2G41630	0	1	1	1
AT2G41640	0	1	1	1
AT2G41740	0	1	0	1
AT2G41745	1	0	1	1
AT2G41750	0	1	1	1
AT2G41810	0	1	0	1
AT2G41820	0	1	0	1
AT2G41850	1	0	0	1
AT2G41870	0	1	0	1
AT2G41880	0	1	0	1
AT2G41890	0	1	0	1
AT2G41900	0	1	0	1
AT2G41930	0	1	0	1
AT2G41940	0	1	0	1
AT2G41945	0	1	1	1
AT2G42010	0	1	0	1
AT2G42030	0	1	0	1
AT2G42040	0	1	0	1
AT2G42140	0	1	0	1
AT2G42150	0	1	0	1
AT2G42280	1	1	1	1
AT2G42290	0	1	0	1
AT2G42365	0	1	0	1
AT2G42380	0	1	0	1
AT2G42388	0	1	0	1
AT2G42430	0	1	0	1
AT2G42440	0	1	0	1
AT2G42570	0	1	0	1
AT2G42580	0	1	0	1
AT2G42600	0	1	0	1
AT2G42610	0	1	1	1
AT2G42620	1	1	0	1
AT2G42660	1	0	0	1
AT2G42690	0	1	0	1
AT2G42700	0	1	0	1
AT2G42800	0	1	0	1
AT2G42810	0	1	0	1
AT2G42820	0	1	0	1
AT2G42830	0	1	0	1
AT2G42870	1	1	1	1
AT2G42880	0	1	1	1
AT2G42900	0	1	0	1
AT2G42955	0	1	0	1
AT2G42960	0	1	0	1
AT2G43000	0	1	0	1
AT2G43010	0	1	1	1
AT2G43018	0	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G43020	0	1	0	1
AT2G43050	0	1	0	1
AT2G43060	1	1	1	1
AT2G43130	0	1	0	1
AT2G43140	0	1	1	1
AT2G43320	0	1	0	1
AT2G43330	0	1	0	1
AT2G43340	1	1	0	1
AT2G43610	1	0	1	1
AT2G43670	0	1	0	1
AT2G43680	0	1	0	1
AT2G43700	0	0	1	1
AT2G43710	0	0	1	1
AT2G43910	0	1	0	1
AT2G43920	0	1	0	1
AT2G44070	0	1	0	1
AT2G44080	0	1	0	1
AT2G44120	0	1	1	1
AT2G44130	0	0	1	1
AT2G44140	0	1	0	1
AT2G44440	1	0	0	1
AT2G44450	1	0	0	1
AT2G44480	0	1	0	1
AT2G44490	0	1	1	1
AT2G44500	1	1	1	1
AT2G44660	0	1	1	1
AT2G44670	0	1	1	1
AT2G44735	0	1	0	1
AT2G44740	1	1	1	1
AT2G44745	0	1	0	1
AT2G44798	0	1	0	1
AT2G44810	0	1	0	1
AT2G44820	0	1	0	1
AT2G44910	1	1	1	1
AT2G44920	1	1	1	1
AT2G45040	0	1	0	1
AT2G45050	1	1	0	1
AT2G45180	0	1	0	1
AT2G45190	0	1	0	1
AT2G45200	0	1	0	1
AT2G45210	0	1	0	1
AT2G45300	0	1	0	1
AT2G45310	0	1	0	1
AT2G45315	0	0	1	1
AT2G45412	0	1	0	1
AT2G45420	0	1	0	1
AT2G45430	0	1	0	1
AT2G45440	0	1	1	1
AT2G45450	0	1	1	1
AT2G45470	0	1	0	1
AT2G45480	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G45580	0	1	0	1
AT2G45590	0	1	0	1
AT2G45600	0	1	0	1
AT2G45660	0	1	0	1
AT2G45670	0	1	1	1
AT2G45680	0	1	0	1
AT2G45685	0	1	0	1
AT2G45690	0	1	0	1
AT2G45710	0	1	0	1
AT2G45720	0	1	0	1
AT2G45730	1	0	0	1
AT2G45740	1	0	0	1
AT2G45820	0	1	0	1
AT2G45830	0	1	0	1
AT2G45950	0	1	1	1
AT2G45960	0	1	1	1
AT2G45970	0	1	0	1
AT2G46040	0	1	0	1
AT2G46050	0	1	0	1
AT2G46160	0	1	0	1
AT2G46170	0	1	0	1
AT2G46220	0	1	0	1
AT2G46225	1	1	0	1
AT2G46260	0	1	0	1
AT2G46270	1	1	1	1
AT2G46290	1	0	0	1
AT2G46300	1	0	0	1
AT2G46308	0	0	1	1
AT2G46330	1	0	1	1
AT2G46340	0	1	0	1
AT2G46360	0	1	0	1
AT2G46410	0	0	1	1
AT2G46420	0	0	1	1
AT2G46510	0	1	1	1
AT2G46520	0	1	1	1
AT2G46530	1	1	0	1
AT2G46535	1	0	0	1
AT2G46580	1	1	0	1
AT2G46590	1	1	0	1
AT2G46600	0	1	0	1
AT2G46660	0	1	0	1
AT2G46662	0	1	0	1
AT2G46680	0	1	0	1
AT2G46685	0	1	0	1
AT2G46700	0	1	0	1
AT2G46710	0	1	0	1
AT2G46770	1	1	0	1
AT2G46780	1	1	1	1
AT2G46787	0	1	0	1
AT2G46790	1	1	0	1
AT2G46800	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT2G46820	0	1	0	1
AT2G46830	0	1	0	1
AT2G46860	0	1	0	1
AT2G46870	0	1	0	1
AT2G46970	1	1	1	1
AT2G46980	0	1	1	1
AT2G47000	0	1	0	1
AT2G47010	0	1	1	1
AT2G47015	0	0	1	1
AT2G47020	0	1	0	1
AT2G47060	0	1	0	1
AT2G47070	0	1	0	1
AT2G47160	1	1	1	1
AT2G47170	1	1	0	1
AT2G47340	0	1	0	1
AT2G47350	0	1	0	1
AT2G47430	1	1	1	1
AT2G47440	1	1	0	1
AT2G47490	0	1	0	1
AT2G47500	1	1	0	1
AT2G47770	0	1	0	1
AT2G47780	0	1	0	1
AT2G47830	0	1	0	1
AT2G47840	0	1	0	1
AT2G47930	0	1	0	1
AT2G47940	0	1	0	1
AT2G48010	0	0	1	1
AT2G48020	0	0	1	1
AT3G01070	0	1	0	1
AT3G01080	0	1	0	1
AT3G01360	0	1	0	1
AT3G01370	0	1	0	1
AT3G01470	0	1	0	1
AT3G01472	0	1	0	1
AT3G01480	0	1	0	1
AT3G01490	0	1	1	1
AT3G01500	0	1	0	1
AT3G01513	0	1	0	1
AT3G01516	0	1	0	1
AT3G01550	0	1	0	1
AT3G01560	0	1	0	1
AT3G01690	0	0	1	1
AT3G01740	0	1	0	1
AT3G01750	0	1	0	1
AT3G01850	0	1	0	1
AT3G01860	0	1	0	1
AT3G02110	0	1	0	1
AT3G02120	0	1	0	1
AT3G02140	1	1	1	1
AT3G02150	1	1	0	1
AT3G02170	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G02180	0	1	0	1
AT3G02460	0	1	0	1
AT3G02470	0	1	0	1
AT3G02493	0	1	0	1
AT3G02500	0	1	0	1
AT3G02540	0	1	0	1
AT3G02550	0	1	1	1
AT3G02555	0	1	0	1
AT3G02570	1	1	1	1
AT3G02580	1	1	1	1
AT3G02830	0	1	0	1
AT3G02840	0	1	0	1
AT3G02980	1	1	0	1
AT3G02990	1	1	0	1
AT3G03150	0	1	0	1
AT3G03160	0	1	0	1
AT3G03170	0	1	0	1
AT3G03200	0	1	0	1
AT3G03210	0	1	0	1
AT3G03456	0	1	0	1
AT3G03460	0	1	0	1
AT3G03626	0	1	0	1
AT3G03790	1	0	1	1
AT3G03820	0	1	0	1
AT3G03826	0	1	0	1
AT3G03830	0	1	0	1
AT3G03840	0	1	0	1
AT3G03847	0	1	1	1
AT3G03850	0	1	1	1
AT3G03870	0	1	1	1
AT3G03990	0	1	0	1
AT3G04110	0	1	0	1
AT3G04120	0	1	0	1
AT3G04370	0	1	0	1
AT3G04380	0	1	0	1
AT3G04420	0	1	0	1
AT3G04430	0	1	0	1
AT3G04470	0	1	0	1
AT3G04480	0	1	0	1
AT3G04670	0	1	0	1
AT3G04680	0	1	0	1
AT3G04721	0	1	1	1
AT3G04730	0	1	1	1
AT3G04732	0	1	1	1
AT3G04735	0	1	0	1
AT3G04855	1	1	1	1
AT3G04860	0	1	0	1
AT3G04870	0	1	0	1
AT3G04903	0	1	0	1
AT3G04910	0	1	1	1
AT3G04920	1	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G04930	0	1	0	1
AT3G04940	0	1	0	1
AT3G05020	0	1	0	1
AT3G05030	0	1	0	1
AT3G05110	0	1	1	1
AT3G05120	0	1	1	1
AT3G05165	0	1	1	1
AT3G05170	0	1	1	1
AT3G05220	0	1	0	1
AT3G05230	0	1	0	1
AT3G05625	0	1	0	1
AT3G05630	0	1	0	1
AT3G05640	0	1	1	1
AT3G05650	0	1	0	1
AT3G05820	0	1	0	1
AT3G05830	0	1	0	1
AT3G05835	0	1	0	1
AT3G05840	0	1	0	1
AT3G05880	0	1	1	1
AT3G05890	1	1	0	1
AT3G05905	1	1	0	1
AT3G05910	0	1	1	1
AT3G05920	0	1	1	1
AT3G06060	1	1	0	1
AT3G06070	0	1	0	1
AT3G06080	0	1	0	1
AT3G06120	0	1	0	1
AT3G06125	1	1	1	1
AT3G06160	0	1	0	1
AT3G06410	0	1	0	1
AT3G06420	0	1	0	1
AT3G06480	0	1	0	1
AT3G06490	0	1	0	1
AT3G06500	0	1	0	1
AT3G06580	1	0	1	1
AT3G06590	0	1	1	1
AT3G06600	0	1	0	1
AT3G06650	0	1	0	1
AT3G06740	0	1	0	1
AT3G06750	1	1	1	1
AT3G06760	1	1	1	1
AT3G06770	1	1	0	1
AT3G06778	0	1	0	1
AT3G06780	0	1	0	1
AT3G06868	1	1	0	1
AT3G06880	0	1	0	1
AT3G06890	0	0	1	1
AT3G06895	0	0	1	1
AT3G07005	0	1	0	1
AT3G07010	0	1	1	1
AT3G07310	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G07320	0	1	0	1
AT3G07340	0	1	0	1
AT3G07350	0	1	1	1
AT3G07360	1	1	0	1
AT3G07380	1	1	1	1
AT3G07390	1	1	1	1
AT3G07460	0	1	0	1
AT3G07470	0	1	0	1
AT3G07480	0	1	0	1
AT3G07560	0	1	0	1
AT3G07570	0	1	0	1
AT3G08020	1	1	1	1
AT3G08030	1	1	1	1
AT3G08580	0	1	0	1
AT3G08590	0	1	0	1
AT3G08600	0	1	0	1
AT3G08610	0	1	0	1
AT3G08636	0	1	0	1
AT3G08660	0	1	1	1
AT3G08670	0	1	1	1
AT3G08720	0	1	0	1
AT3G08730	0	1	0	1
AT3G08880	0	1	0	1
AT3G08890	0	1	0	1
AT3G08930	0	1	0	1
AT3G08940	0	1	0	1
AT3G08990	0	1	0	1
AT3G09000	0	1	0	1
AT3G09035	0	1	0	1
AT3G09040	0	1	0	1
AT3G09300	0	1	0	1
AT3G09680	0	1	1	1
AT3G09690	0	1	1	1
AT3G09720	0	1	1	1
AT3G09730	0	1	1	1
AT3G09970	0	1	1	1
AT3G09975	0	1	1	1
AT3G10320	0	1	0	1
AT3G10330	0	1	0	1
AT3G10415	0	1	1	1
AT3G10420	0	1	1	1
AT3G10720	0	1	1	1
AT3G10760	0	1	0	1
AT3G10770	0	1	0	1
AT3G10910	0	1	0	1
AT3G10915	0	1	0	1
AT3G10920	0	1	0	1
AT3G10960	1	0	1	1
AT3G10974	0	1	0	1
AT3G10980	1	1	0	1
AT3G10985	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G10986	0	1	0	1
AT3G11410	0	1	0	1
AT3G11420	0	1	0	1
AT3G11490	0	1	1	1
AT3G11500	0	1	1	1
AT3G11580	0	1	0	1
AT3G11590	1	1	0	1
AT3G11670	0	1	1	1
AT3G11673	0	0	1	1
AT3G11680	0	1	0	1
AT3G11690	0	1	0	1
AT3G11700	0	1	1	1
AT3G11750	0	1	0	1
AT3G11760	0	1	0	1
AT3G11770	0	1	0	1
AT3G11773	0	1	0	1
AT3G11890	0	1	0	1
AT3G11900	0	1	0	1
AT3G11910	1	0	0	1
AT3G11920	1	0	0	1
AT3G12120	1	0	0	1
AT3G12150	0	1	0	1
AT3G12160	0	1	0	1
AT3G12280	0	1	0	1
AT3G12290	0	1	0	1
AT3G12300	0	1	0	1
AT3G12320	0	1	0	1
AT3G12560	0	1	1	1
AT3G12570	0	1	1	1
AT3G12590	1	1	1	1
AT3G12600	1	1	1	1
AT3G12610	0	1	0	1
AT3G12620	0	1	0	1
AT3G12630	0	1	0	1
AT3G12670	0	1	0	1
AT3G12680	0	1	0	1
AT3G12700	0	1	0	1
AT3G12710	0	1	0	1
AT3G12720	0	1	0	1
AT3G12820	0	1	0	1
AT3G12830	0	1	0	1
AT3G12835	0	1	0	1
AT3G12840	0	1	0	1
AT3G12915	0	1	0	1
AT3G12920	1	1	1	1
AT3G12930	1	1	0	1
AT3G12965	0	1	0	1
AT3G12970	0	1	0	1
AT3G13310	0	1	0	1
AT3G13320	0	1	0	1
AT3G13360	1	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G13370	1	1	0	1
AT3G13405	0	1	0	1
AT3G13410	0	1	0	1
AT3G13500	0	1	0	1
AT3G13510	0	1	0	1
AT3G13520	0	1	0	1
AT3G13525	0	1	1	1
AT3G13682	0	1	0	1
AT3G13686	0	1	0	1
AT3G13720	0	1	0	1
AT3G13724	0	1	0	1
AT3G13740	0	1	0	1
AT3G13750	0	1	0	1
AT3G13784	0	1	0	1
AT3G13790	0	1	0	1
AT3G13800	0	1	0	1
AT3G13810	1	1	0	1
AT3G13820	0	1	0	1
AT3G13860	0	1	0	1
AT3G13960	0	1	0	1
AT3G13970	0	1	1	1
AT3G13980	0	1	0	1
AT3G13990	0	1	0	1
AT3G14010	0	1	0	1
AT3G14020	0	1	0	1
AT3G14050	0	1	1	1
AT3G14060	0	1	0	1
AT3G14067	0	1	0	1
AT3G14070	0	1	0	1
AT3G14205	1	1	1	1
AT3G14210	0	1	0	1
AT3G14350	0	1	0	1
AT3G14360	0	1	1	1
AT3G14370	1	1	0	1
AT3G14380	0	1	0	1
AT3G14431	0	0	1	1
AT3G14440	1	1	0	1
AT3G14450	1	1	0	1
AT3G14550	0	1	0	1
AT3G14560	0	1	0	1
AT3G14590	1	0	1	1
AT3G14595	1	0	1	1
AT3G14640	0	1	1	1
AT3G14650	0	1	1	1
AT3G14750	0	1	0	1
AT3G14760	0	1	0	1
AT3G14830	0	1	0	1
AT3G14840	0	1	0	1
AT3G14850	0	1	0	1
AT3G14880	0	1	0	1
AT3G14890	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G14980	0	1	0	1
AT3G14990	0	1	0	1
AT3G15020	0	1	0	1
AT3G15030	0	1	0	1
AT3G15090	0	1	0	1
AT3G15095	0	1	0	1
AT3G15115	0	1	0	1
AT3G15120	0	1	0	1
AT3G15200	1	1	1	1
AT3G15210	1	1	1	1
AT3G15220	0	1	0	1
AT3G15340	0	1	0	1
AT3G15350	0	1	0	1
AT3G15351	0	0	1	1
AT3G15356	0	0	1	1
AT3G15470	0	1	0	1
AT3G15480	0	1	0	1
AT3G15490	0	1	0	1
AT3G15500	0	1	0	1
AT3G15510	1	1	0	1
AT3G15520	0	1	0	1
AT3G15530	0	1	0	1
AT3G15534	0	1	0	1
AT3G15536	0	1	0	1
AT3G15540	1	1	1	1
AT3G15548	0	1	0	1
AT3G15570	0	1	1	1
AT3G15578	0	1	1	1
AT3G15630	0	1	0	1
AT3G15640	0	1	0	1
AT3G15720	0	1	0	1
AT3G15730	0	1	0	1
AT3G15760	0	1	0	1
AT3G15770	0	1	1	1
AT3G16000	0	1	0	1
AT3G16010	0	1	0	1
AT3G16050	0	1	0	1
AT3G16060	0	1	0	1
AT3G16110	0	1	0	1
AT3G16117	0	1	0	1
AT3G16180	0	1	0	1
AT3G16190	0	1	0	1
AT3G16230	0	1	0	1
AT3G16240	0	1	1	1
AT3G16400	0	1	0	1
AT3G16410	0	1	0	1
AT3G16470	0	0	1	1
AT3G16480	0	0	1	1
AT3G16570	0	1	0	1
AT3G16580	0	1	0	1
AT3G16620	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G16630	0	1	1	1
AT3G16690	0	1	0	1
AT3G16785	0	1	1	1
AT3G16800	0	1	1	1
AT3G16820	0	1	0	1
AT3G16830	0	1	0	1
AT3G16840	1	1	0	1
AT3G16850	1	1	1	1
AT3G16851	0	1	0	1
AT3G16857	0	1	0	1
AT3G16860	0	1	1	1
AT3G16870	0	1	1	1
AT3G17080	0	1	0	1
AT3G17090	0	1	0	1
AT3G17100	1	1	0	1
AT3G17110	1	0	1	1
AT3G17120	0	1	1	1
AT3G17130	0	1	0	1
AT3G17180	0	1	0	1
AT3G17185	0	1	0	1
AT3G17390	0	1	0	1
AT3G17400	0	1	0	1
AT3G17510	1	1	1	1
AT3G17520	0	1	0	1
AT3G17570	0	1	0	1
AT3G17580	1	1	0	1
AT3G17800	0	1	1	1
AT3G17810	0	1	1	1
AT3G17820	0	1	0	1
AT3G17830	0	1	0	1
AT3G17840	0	1	0	1
AT3G17845	0	1	0	1
AT3G17850	1	1	0	1
AT3G17860	1	1	1	1
AT3G17980	0	1	0	1
AT3G17998	0	1	0	1
AT3G18010	0	1	0	1
AT3G18020	0	1	0	1
AT3G18035	0	1	0	1
AT3G18040	0	1	0	1
AT3G18050	0	1	1	1
AT3G18060	0	1	1	1
AT3G18070	0	1	0	1
AT3G18080	0	1	1	1
AT3G18170	0	1	0	1
AT3G18250	1	0	0	1
AT3G18485	1	1	1	1
AT3G18490	0	1	0	1
AT3G18518	0	0	1	1
AT3G18535	0	1	0	1
AT3G18540	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G18710	1	1	1	1
AT3G18715	0	1	0	1
AT3G18750	1	0	0	1
AT3G18773	0	1	0	1
AT3G18779	0	1	0	1
AT3G18780	1	1	1	1
AT3G18830	1	1	1	1
AT3G18840	1	1	0	1
AT3G19170	0	1	0	1
AT3G19180	0	1	0	1
AT3G19200	0	1	0	1
AT3G19210	0	1	0	1
AT3G19270	0	0	1	1
AT3G19274	0	1	1	1
AT3G19380	1	1	0	1
AT3G19390	1	1	1	1
AT3G19530	0	1	1	1
AT3G19540	0	1	0	1
AT3G19550	0	1	0	1
AT3G19553	0	1	1	1
AT3G19560	0	1	1	1
AT3G19580	1	1	0	1
AT3G19590	1	1	0	1
AT3G19670	0	1	0	1
AT3G19680	0	1	0	1
AT3G19690	0	1	0	1
AT3G19820	1	1	1	1
AT3G19830	0	1	0	1
AT3G19850	0	0	1	1
AT3G19860	0	0	1	1
AT3G19960	0	1	0	1
AT3G19970	0	1	0	1
AT3G20015	0	1	0	1
AT3G20250	1	1	1	1
AT3G20260	0	1	1	1
AT3G20300	1	1	0	1
AT3G20310	0	1	0	1
AT3G20340	1	1	0	1
AT3G20350	1	1	0	1
AT3G20550	0	1	0	1
AT3G20555	0	1	0	1
AT3G20640	1	1	0	1
AT3G20650	0	1	0	1
AT3G20770	0	1	1	1
AT3G20810	0	1	0	1
AT3G20820	1	1	0	1
AT3G20830	0	1	0	1
AT3G20900	1	0	0	1
AT3G20910	1	0	0	1
AT3G21150	0	1	0	1
AT3G21260	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G21270	0	1	0	1
AT3G21320	1	1	1	1
AT3G21330	1	1	0	1
AT3G21550	0	1	0	1
AT3G21560	0	1	0	1
AT3G21700	1	0	0	1
AT3G22072	0	1	1	1
AT3G22080	0	1	0	1
AT3G22380	0	1	0	1
AT3G22400	0	1	0	1
AT3G22410	0	1	1	1
AT3G22415	0	1	0	1
AT3G22436	0	1	0	1
AT3G22440	0	1	0	1
AT3G22540	0	1	0	1
AT3G22550	0	1	0	1
AT3G22830	0	0	1	1
AT3G22840	0	1	0	1
AT3G22845	0	1	0	1
AT3G22880	0	1	0	1
AT3G22886	0	1	0	1
AT3G22968	0	1	0	1
AT3G22980	0	1	0	1
AT3G23010	0	1	0	1
AT3G23020	0	1	0	1
AT3G23030	1	1	1	1
AT3G23040	1	1	0	1
AT3G23050	1	1	1	1
AT3G23060	1	1	0	1
AT3G23080	0	1	0	1
AT3G23090	0	1	0	1
AT3G23230	1	0	1	1
AT3G23480	0	0	1	1
AT3G23637	1	1	1	1
AT3G23640	1	1	1	1
AT3G23690	0	1	0	1
AT3G23700	0	1	0	1
AT3G23727	0	1	0	1
AT3G23730	0	1	0	1
AT3G23810	0	1	0	1
AT3G23820	1	1	1	1
AT3G23880	1	1	0	1
AT3G23890	1	1	0	1
AT3G23910	1	1	1	1
AT3G23920	1	1	1	1
AT3G23930	1	1	0	1
AT3G24040	0	1	0	1
AT3G24050	0	1	1	1
AT3G24090	0	1	0	1
AT3G24093	0	1	0	1
AT3G24120	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G24460	0	1	0	1
AT3G24503	1	1	1	1
AT3G24506	0	1	0	1
AT3G24517	0	0	1	1
AT3G24518	0	0	1	1
AT3G24520	0	1	1	1
AT3G24530	0	1	0	1
AT3G24542	0	1	0	1
AT3G24550	0	1	1	1
AT3G24710	0	1	0	1
AT3G24715	0	1	0	1
AT3G24840	1	0	0	1
AT3G24900	0	1	0	1
AT3G24929	0	1	0	1
AT3G25020	0	1	0	1
AT3G25030	0	1	0	1
AT3G25400	0	0	1	1
AT3G25590	1	0	0	1
AT3G25700	0	1	0	1
AT3G25710	0	1	0	1
AT3G25715	0	1	1	1
AT3G25716	0	1	1	1
AT3G25717	0	1	1	1
AT3G25719	0	1	0	1
AT3G25727	1	1	0	1
AT3G25730	1	1	0	1
AT3G26170	0	1	0	1
AT3G26180	0	1	0	1
AT3G26210	1	1	1	1
AT3G26220	0	1	1	1
AT3G26511	1	1	1	1
AT3G26520	0	1	0	1
AT3G26530	1	0	1	1
AT3G26539	0	1	0	1
AT3G26750	0	1	0	1
AT3G26760	0	1	0	1
AT3G26800	0	1	0	1
AT3G26810	0	1	0	1
AT3G26900	0	1	0	1
AT3G26932	0	1	0	1
AT3G26934	0	1	0	1
AT3G27060	0	1	0	1
AT3G27070	0	1	0	1
AT3G27160	0	1	0	1
AT3G27170	0	1	1	1
AT3G27210	1	0	0	1
AT3G27350	0	1	0	1
AT3G27360	0	1	0	1
AT3G27580	0	0	1	1
AT3G27590	0	1	1	1
AT3G27670	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G27680	0	1	0	1
AT3G27690	0	1	0	1
AT3G27770	0	1	0	1
AT3G27785	0	1	0	1
AT3G27800	0	0	1	1
AT3G27960	1	1	1	1
AT3G27968	0	1	0	1
AT3G28030	0	1	0	1
AT3G28040	0	1	0	1
AT3G28170	0	1	0	1
AT3G28180	0	1	0	1
AT3G28193	0	0	1	1
AT3G28200	0	0	1	1
AT3G28340	0	1	0	1
AT3G28345	0	1	0	1
AT3G28650	0	1	0	1
AT3G28660	0	1	0	1
AT3G28857	0	1	0	1
AT3G28860	0	1	0	1
AT3G28870	0	1	0	1
AT3G28900	0	1	0	1
AT3G28910	0	1	0	1
AT3G28918	0	1	0	1
AT3G28920	0	1	0	1
AT3G28958	0	1	0	1
AT3G29240	0	1	0	1
AT3G29310	0	1	0	1
AT3G29320	0	1	0	1
AT3G29360	0	1	0	1
AT3G29370	1	1	0	1
AT3G29575	1	1	1	1
AT3G29580	0	1	0	1
AT3G29644	0	1	0	1
AT3G29670	0	1	0	1
AT3G30160	0	1	1	1
AT3G30180	0	1	0	1
AT3G30340	0	1	0	1
AT3G30775	1	1	1	1
AT3G30778	0	1	0	1
AT3G41768	0	0	1	1
AT3G41979	0	0	1	1
AT3G43190	0	1	0	1
AT3G43210	0	1	0	1
AT3G43270	0	1	0	1
AT3G43280	0	1	0	1
AT3G43431	1	1	1	1
AT3G43432	0	1	0	1
AT3G43540	0	1	0	1
AT3G43550	0	1	0	1
AT3G43960	0	1	0	1
AT3G43970	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G44190	0	1	0	1
AT3G44200	0	1	0	1
AT3G44260	0	1	0	1
AT3G44261	0	1	0	1
AT3G44300	0	1	1	1
AT3G44310	1	1	1	1
AT3G44550	0	0	1	1
AT3G44600	0	1	0	1
AT3G44610	0	1	1	1
AT3G44735	0	1	0	1
AT3G44740	0	1	0	1
AT3G45220	1	0	0	1
AT3G45230	1	0	0	1
AT3G45300	0	1	0	1
AT3G45310	0	1	0	1
AT3G45600	1	1	0	1
AT3G45610	0	1	0	1
AT3G45620	0	1	0	1
AT3G45638	0	1	0	1
AT3G45640	0	1	0	1
AT3G45650	0	1	0	1
AT3G45720	0	1	0	1
AT3G45730	0	1	0	1
AT3G45770	0	1	0	1
AT3G45775	1	0	1	1
AT3G45780	1	1	1	1
AT3G45850	0	0	1	1
AT3G45851	0	1	0	1
AT3G45860	0	1	0	1
AT3G45965	0	1	0	1
AT3G45970	0	1	0	1
AT3G46450	0	1	0	1
AT3G46460	0	1	0	1
AT3G46540	0	1	0	1
AT3G46550	0	1	0	1
AT3G46560	0	1	0	1
AT3G46590	0	1	1	1
AT3G46600	0	1	0	1
AT3G46610	0	0	1	1
AT3G46613	0	0	1	1
AT3G46616	0	1	0	1
AT3G46620	1	1	0	1
AT3G46630	0	1	0	1
AT3G46640	0	1	0	1
AT3G46700	1	0	0	1
AT3G46830	0	1	0	1
AT3G46840	0	1	0	1
AT3G47010	0	1	0	1
AT3G47220	0	1	0	1
AT3G47240	0	0	1	1
AT3G47250	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G47290	0	1	0	1
AT3G47340	0	0	1	1
AT3G47341	0	1	0	1
AT3G47342	0	1	0	1
AT3G47420	1	1	0	1
AT3G47430	1	1	1	1
AT3G47600	0	1	0	1
AT3G47610	0	1	1	1
AT3G47620	1	1	1	1
AT3G47630	1	1	0	1
AT3G47640	1	1	0	1
AT3G47820	0	1	1	1
AT3G47830	0	1	1	1
AT3G47940	0	1	1	1
AT3G47950	0	1	1	1
AT3G48050	0	1	0	1
AT3G48057	0	1	0	1
AT3G48060	1	0	0	1
AT3G48070	1	0	0	1
AT3G48260	1	1	0	1
AT3G48270	1	1	0	1
AT3G48275	0	1	0	1
AT3G48330	0	1	0	1
AT3G48360	0	0	1	1
AT3G48520	0	1	0	1
AT3G48550	0	1	0	1
AT3G48560	0	1	0	1
AT3G48690	0	1	0	1
AT3G48700	0	1	0	1
AT3G48780	0	1	1	1
AT3G49120	1	0	0	1
AT3G49210	0	1	0	1
AT3G49220	0	1	0	1
AT3G49350	0	1	0	1
AT3G49360	0	1	0	1
AT3G49530	0	1	0	1
AT3G49540	0	1	0	1
AT3G49570	0	1	0	1
AT3G49580	0	1	0	1
AT3G49670	0	1	1	1
AT3G49680	0	1	1	1
AT3G49690	0	1	0	1
AT3G49700	0	1	0	1
AT3G49780	0	1	0	1
AT3G49790	0	1	0	1
AT3G49810	1	1	0	1
AT3G49820	1	1	0	1
AT3G49870	0	1	0	1
AT3G49880	0	1	0	1
AT3G49930	0	1	0	1
AT3G49940	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G49950	1	1	0	1
AT3G50060	1	0	0	1
AT3G50240	0	1	1	1
AT3G50250	0	1	0	1
AT3G50310	0	1	0	1
AT3G50330	0	1	0	1
AT3G50337	0	1	0	1
AT3G50340	0	1	0	1
AT3G50350	0	1	0	1
AT3G50390	0	0	1	1
AT3G50400	0	0	1	1
AT3G50440	0	1	0	1
AT3G50450	0	1	0	1
AT3G50620	0	1	0	1
AT3G50630	0	1	1	1
AT3G50660	1	1	1	1
AT3G50665	1	1	0	1
AT3G50730	0	0	1	1
AT3G50740	0	1	1	1
AT3G50750	0	1	1	1
AT3G50751	0	1	1	1
AT3G50780	0	1	0	1
AT3G50790	0	1	0	1
AT3G50800	1	1	0	1
AT3G50808	0	1	0	1
AT3G50870	0	0	1	1
AT3G50880	0	1	0	1
AT3G50890	0	1	0	1
AT3G50895	0	0	1	1
AT3G50900	0	0	1	1
AT3G51050	0	1	0	1
AT3G51057	0	1	0	1
AT3G51140	0	1	0	1
AT3G51200	0	0	1	1
AT3G51210	0	0	1	1
AT3G51360	0	1	1	1
AT3G51370	0	1	1	1
AT3G51400	0	1	0	1
AT3G51410	0	1	0	1
AT3G51420	0	1	0	1
AT3G51550	0	1	0	1
AT3G51560	0	1	0	1
AT3G51660	1	1	1	1
AT3G51670	1	1	1	1
AT3G51770	0	1	0	1
AT3G51780	0	1	0	1
AT3G51890	0	1	0	1
AT3G51895	0	1	0	1
AT3G51910	0	1	0	1
AT3G51940	0	1	1	1
AT3G51950	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G51960	0	1	0	1
AT3G52060	0	1	0	1
AT3G52100	0	1	0	1
AT3G52105	0	1	0	1
AT3G52285	0	1	0	1
AT3G52290	0	1	0	1
AT3G52450	0	0	1	1
AT3G52460	0	1	0	1
AT3G52470	0	1	1	1
AT3G52500	0	0	1	1
AT3G52510	0	0	1	1
AT3G52520	0	0	1	1
AT3G52700	0	1	0	1
AT3G52710	0	1	0	1
AT3G52840	0	1	0	1
AT3G52870	0	1	1	1
AT3G52880	0	1	0	1
AT3G52890	0	1	0	1
AT3G52910	0	1	0	1
AT3G52920	0	1	0	1
AT3G52930	0	1	0	1
AT3G52940	0	0	1	1
AT3G52941	0	0	1	1
AT3G53170	0	1	1	1
AT3G53180	0	1	1	1
AT3G53200	0	1	0	1
AT3G53210	0	1	0	1
AT3G53230	0	1	0	1
AT3G53232	0	1	0	1
AT3G53240	0	1	0	1
AT3G53250	0	1	0	1
AT3G53380	1	1	1	1
AT3G53390	1	1	1	1
AT3G53420	0	1	1	1
AT3G53430	0	1	0	1
AT3G53450	0	1	0	1
AT3G53460	0	1	0	1
AT3G53540	0	1	0	1
AT3G53550	0	1	0	1
AT3G53668	1	0	0	1
AT3G53670	1	0	0	1
AT3G53790	0	1	0	1
AT3G53800	0	1	0	1
AT3G53810	1	1	0	1
AT3G53820	1	1	0	1
AT3G53990	0	1	1	1
AT3G54000	0	1	0	1
AT3G54020	0	1	1	1
AT3G54030	1	1	1	1
AT3G54070	0	1	0	1
AT3G54080	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G54190	1	1	1	1
AT3G54200	1	1	1	1
AT3G54290	0	1	0	1
AT3G54300	0	1	0	1
AT3G54320	0	1	0	1
AT3G54400	0	1	0	1
AT3G54410	0	1	0	1
AT3G54440	0	1	0	1
AT3G54450	0	1	0	1
AT3G54500	1	1	0	1
AT3G54510	1	1	0	1
AT3G54770	0	1	0	1
AT3G54802	0	0	1	1
AT3G54804	1	1	1	1
AT3G54810	1	1	1	1
AT3G54910	0	0	1	1
AT3G54920	0	1	1	1
AT3G54940	0	1	0	1
AT3G54950	0	1	0	1
AT3G54960	1	1	0	1
AT3G54970	0	1	0	1
AT3G54990	0	1	1	1
AT3G55000	0	1	1	1
AT3G55240	1	1	1	1
AT3G55250	1	1	0	1
AT3G55430	0	1	1	1
AT3G55440	0	1	1	1
AT3G55610	1	1	0	1
AT3G55620	1	1	0	1
AT3G55730	0	1	1	1
AT3G55734	0	1	0	1
AT3G55840	0	1	1	1
AT3G55850	0	1	1	1
AT3G55980	0	0	1	1
AT3G56050	0	1	0	1
AT3G56060	0	1	0	1
AT3G56080	0	1	0	1
AT3G56085	0	1	0	1
AT3G56270	0	1	0	1
AT3G56275	1	0	0	1
AT3G56290	0	1	0	1
AT3G56350	0	1	0	1
AT3G56360	0	1	0	1
AT3G56810	0	1	0	1
AT3G57030	0	1	0	1
AT3G57040	0	1	0	1
AT3G57060	0	1	0	1
AT3G57062	0	1	0	1
AT3G57540	0	1	1	1
AT3G57550	0	1	1	1
AT3G57560	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G57570	0	0	1	1
AT3G57610	0	1	0	1
AT3G57670	0	1	0	1
AT3G57680	0	1	0	1
AT3G57800	1	1	1	1
AT3G57810	1	1	1	1
AT3G57870	1	1	1	1
AT3G57880	0	1	1	1
AT3G57990	0	1	0	1
AT3G58000	0	1	0	1
AT3G58060	1	0	0	1
AT3G58110	0	1	0	1
AT3G58120	1	1	0	1
AT3G58130	1	1	0	1
AT3G58610	0	1	0	1
AT3G58620	1	1	1	1
AT3G58640	1	1	0	1
AT3G58650	0	1	0	1
AT3G58720	0	1	0	1
AT3G58730	0	1	0	1
AT3G58740	0	1	0	1
AT3G58840	0	1	0	1
AT3G58850	0	1	1	1
AT3G58860	0	1	0	1
AT3G59050	0	1	0	1
AT3G59060	0	1	0	1
AT3G59070	0	1	0	1
AT3G59340	0	1	0	1
AT3G59350	0	1	0	1
AT3G59765	0	1	0	1
AT3G59770	0	1	0	1
AT3G59890	0	1	0	1
AT3G59900	0	1	0	1
AT3G59930	1	1	0	1
AT3G59940	1	1	0	1
AT3G59960	0	1	0	1
AT3G59970	0	1	0	1
AT3G60030	0	1	0	1
AT3G60040	0	1	0	1
AT3G60070	0	1	0	1
AT3G60075	0	1	0	1
AT3G60190	1	1	1	1
AT3G60200	1	1	1	1
AT3G60220	1	1	0	1
AT3G60238	0	1	0	1
AT3G60310	0	1	1	1
AT3G60318	0	1	1	1
AT3G60380	0	1	0	1
AT3G60390	1	1	0	1
AT3G60400	1	1	1	1
AT3G60520	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G60530	0	1	0	1
AT3G60640	0	1	0	1
AT3G60647	0	1	0	1
AT3G60690	1	0	0	1
AT3G60750	0	1	0	1
AT3G60760	0	1	0	1
AT3G61150	0	1	1	1
AT3G61182	0	1	0	1
AT3G61190	0	1	0	1
AT3G61198	0	1	0	1
AT3G61200	0	1	0	1
AT3G61260	0	1	0	1
AT3G61270	0	1	0	1
AT3G61420	0	1	0	1
AT3G61430	0	1	0	1
AT3G61460	1	1	1	1
AT3G61470	1	1	1	1
AT3G61580	0	1	0	1
AT3G61590	0	1	0	1
AT3G61620	0	1	0	1
AT3G61630	0	1	0	1
AT3G61640	1	1	1	1
AT3G61650	0	1	0	1
AT3G61678	0	1	0	1
AT3G61680	0	1	0	1
AT3G61690	0	1	0	1
AT3G61700	0	1	1	1
AT3G61750	0	1	0	1
AT3G61755	0	1	0	1
AT3G61810	0	1	0	1
AT3G61820	0	1	0	1
AT3G61826	0	1	1	1
AT3G61827	0	1	1	1
AT3G61830	1	0	0	1
AT3G61840	0	1	0	1
AT3G61850	0	1	0	1
AT3G61860	0	1	0	1
AT3G61870	0	1	0	1
AT3G61880	0	1	0	1
AT3G61890	0	1	1	1
AT3G61897	0	1	0	1
AT3G61910	0	1	0	1
AT3G61920	0	1	0	1
AT3G61930	0	1	0	1
AT3G61960	1	1	1	1
AT3G61962	0	1	0	1
AT3G61970	0	1	0	1
AT3G61980	0	1	0	1
AT3G61990	0	1	0	1
AT3G62090	1	1	1	1
AT3G62097	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT3G62100	1	0	0	1
AT3G62110	0	1	0	1
AT3G62560	0	1	0	1
AT3G62570	0	1	0	1
AT3G62580	0	1	0	1
AT3G62610	0	1	0	1
AT3G62620	0	1	1	1
AT3G62630	1	1	1	1
AT3G62640	1	1	1	1
AT3G62650	1	1	1	1
AT3G62660	0	1	0	1
AT3G62670	0	1	0	1
AT3G62680	0	1	0	1
AT3G62690	0	1	1	1
AT3G62700	0	1	1	1
AT3G62710	0	1	1	1
AT3G62980	0	1	0	1
AT3G62988	0	1	0	1
AT3G63006	0	1	0	1
AT3G63010	0	1	0	1
AT3G63060	0	1	0	1
AT3G63070	0	1	0	1
AT3G63120	0	1	0	1
AT3G63130	0	1	0	1
AT3G63150	0	1	0	1
AT3G63180	0	1	0	1
AT3G63190	0	1	0	1
AT3G63233	0	1	0	1
AT3G63240	0	1	0	1
AT3G63340	0	1	0	1
AT3G63350	0	1	0	1
AT3G63420	0	1	0	1
AT3G63430	0	1	1	1
AT3G63445	0	1	1	1
AT3G63450	0	1	0	1
AT3G63460	0	1	0	1
AT3G63500	0	1	0	1
AT3G63510	0	1	0	1
AT4G00140	0	1	0	1
AT4G00150	0	1	0	1
AT4G00335	0	1	0	1
AT4G00720	0	1	0	1
AT4G00730	0	1	0	1
AT4G00740	0	1	1	1
AT4G00750	0	0	1	1
AT4G00770	0	1	0	1
AT4G00810	1	1	1	1
AT4G00820	1	1	1	1
AT4G00830	0	1	0	1
AT4G01090	0	1	0	1
AT4G01100	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G01245	1	1	1	1
AT4G01250	1	1	1	1
AT4G01328	0	1	1	1
AT4G01330	0	1	1	1
AT4G01335	0	1	0	1
AT4G01340	0	0	1	1
AT4G01400	0	1	1	1
AT4G01410	0	1	1	1
AT4G01510	0	1	0	1
AT4G01680	0	1	0	1
AT4G01690	0	1	0	1
AT4G01710	0	1	0	1
AT4G01720	0	1	0	1
AT4G02055	0	1	0	1
AT4G02060	0	1	0	1
AT4G02075	0	1	0	1
AT4G02090	0	1	0	1
AT4G02100	0	1	0	1
AT4G02110	0	1	0	1
AT4G02130	0	1	0	1
AT4G02140	0	1	0	1
AT4G02290	0	1	0	1
AT4G02300	0	1	0	1
AT4G02380	0	1	0	1
AT4G02390	0	1	0	1
AT4G02500	0	1	0	1
AT4G02510	0	1	0	1
AT4G02530	0	1	0	1
AT4G02540	0	1	0	1
AT4G02710	0	1	0	1
AT4G02715	0	1	0	1
AT4G02780	0	1	0	1
AT4G03000	0	1	0	1
AT4G03010	1	1	1	1
AT4G03030	0	1	0	1
AT4G03038	0	1	0	1
AT4G03113	0	1	0	1
AT4G03115	0	1	0	1
AT4G03190	0	1	1	1
AT4G03200	0	1	1	1
AT4G03205	0	1	0	1
AT4G03210	0	1	0	1
AT4G03270	0	1	0	1
AT4G03280	0	1	1	1
AT4G03320	0	1	0	1
AT4G03330	0	1	0	1
AT4G03390	1	1	1	1
AT4G03400	0	1	0	1
AT4G03410	0	1	0	1
AT4G03415	0	1	0	1
AT4G03420	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G03550	0	1	0	1
AT4G03560	0	1	0	1
AT4G03965	0	1	0	1
AT4G04200	0	1	0	1
AT4G04210	0	1	0	1
AT4G04330	0	1	0	1
AT4G04340	0	1	0	1
AT4G04630	0	1	0	1
AT4G04690	0	1	0	1
AT4G04695	0	1	0	1
AT4G05000	0	1	0	1
AT4G05010	1	1	1	1
AT4G05071	0	1	0	1
AT4G05095	0	1	0	1
AT4G05100	0	1	0	1
AT4G05105	0	1	0	1
AT4G05180	1	1	1	1
AT4G05190	1	1	1	1
AT4G06474	0	0	1	1
AT4G06740	0	1	0	1
AT4G06744	0	1	0	1
AT4G08151	0	1	0	1
AT4G08160	0	1	0	1
AT4G08850	0	1	0	1
AT4G08870	0	1	0	1
AT4G08910	0	1	0	1
AT4G08920	0	1	0	1
AT4G08940	0	1	0	1
AT4G08949	0	1	1	1
AT4G08950	0	1	0	1
AT4G08960	0	1	0	1
AT4G09030	0	1	0	1
AT4G09040	0	1	0	1
AT4G09150	0	1	0	1
AT4G09450	0	1	0	1
AT4G09460	0	1	1	1
AT4G09880	0	1	0	1
AT4G09890	0	1	1	1
AT4G10010	0	1	0	1
AT4G10020	0	1	0	1
AT4G10240	0	1	0	1
AT4G10250	0	1	0	1
AT4G10560	0	1	0	1
AT4G10570	0	1	0	1
AT4G11010	0	1	0	1
AT4G11020	0	1	0	1
AT4G11050	1	1	1	1
AT4G11060	0	1	0	1
AT4G11320	0	1	0	1
AT4G11330	0	1	1	1
AT4G11410	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G11540	0	1	0	1
AT4G11550	0	1	0	1
AT4G11560	0	1	0	1
AT4G11600	1	0	0	1
AT4G11610	0	1	0	1
AT4G11630	0	1	0	1
AT4G11820	0	1	0	1
AT4G11830	0	1	0	1
AT4G12120	1	1	0	1
AT4G12130	1	1	0	1
AT4G12410	0	1	0	1
AT4G12420	0	1	0	1
AT4G12430	1	1	1	1
AT4G12432	1	0	1	1
AT4G12440	0	1	0	1
AT4G12720	0	1	0	1
AT4G12730	0	1	0	1
AT4G12731	0	1	0	1
AT4G12970	0	0	1	1
AT4G13350	0	1	0	1
AT4G13395	0	1	1	1
AT4G13400	0	1	1	1
AT4G13530	0	1	1	1
AT4G13540	0	1	1	1
AT4G13790	0	1	1	1
AT4G13800	0	1	0	1
AT4G13930	0	1	0	1
AT4G13940	0	1	0	1
AT4G14040	0	1	0	1
AT4G14130	1	1	1	1
AT4G14140	0	1	0	1
AT4G14150	0	1	0	1
AT4G14160	0	1	0	1
AT4G14310	0	1	0	1
AT4G14315	0	1	0	1
AT4G14420	0	1	0	1
AT4G14430	0	1	0	1
AT4G14465	0	1	1	1
AT4G14470	1	0	0	1
AT4G14480	0	1	0	1
AT4G14490	0	1	0	1
AT4G14500	0	1	0	1
AT4G14550	0	1	0	1
AT4G14560	1	1	0	1
AT4G14615	0	1	0	1
AT4G14620	0	1	0	1
AT4G14680	0	1	1	1
AT4G14690	0	1	1	1
AT4G14720	0	1	0	1
AT4G14723	0	1	0	1
AT4G14730	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G14746	0	1	0	1
AT4G14750	0	1	1	1
AT4G14760	0	1	0	1
AT4G14770	0	1	0	1
AT4G14780	0	1	0	1
AT4G14815	0	1	0	1
AT4G14819	0	1	0	1
AT4G14880	0	1	0	1
AT4G14900	0	1	0	1
AT4G14905	0	1	0	1
AT4G14990	1	0	0	1
AT4G15000	1	0	0	1
AT4G15160	0	1	0	1
AT4G15230	1	1	0	1
AT4G15233	1	1	1	1
AT4G15236	0	1	0	1
AT4G15250	0	1	0	1
AT4G15258	0	1	0	1
AT4G15300	1	0	0	1
AT4G15310	1	0	0	1
AT4G15540	0	1	0	1
AT4G15545	0	1	0	1
AT4G15550	0	1	0	1
AT4G15560	0	1	0	1
AT4G15690	0	1	0	1
AT4G15700	0	1	0	1
AT4G15800	0	0	1	1
AT4G16130	0	1	0	1
AT4G16140	0	1	0	1
AT4G16250	0	1	0	1
AT4G16260	0	1	0	1
AT4G16370	0	1	0	1
AT4G16380	0	1	0	1
AT4G16480	0	1	0	1
AT4G16490	0	1	0	1
AT4G16500	0	1	1	1
AT4G16510	0	1	1	1
AT4G16515	0	1	0	1
AT4G16520	0	1	0	1
AT4G16670	0	0	1	1
AT4G16745	0	1	0	1
AT4G16750	0	1	0	1
AT4G16760	1	1	0	1
AT4G16765	0	1	0	1
AT4G16770	1	1	0	1
AT4G16780	1	1	1	1
AT4G16790	0	1	0	1
AT4G16970	0	1	0	1
AT4G16980	0	1	1	1
AT4G16990	0	1	1	1
AT4G17098	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G17230	0	1	0	1
AT4G17240	0	1	0	1
AT4G17245	0	1	0	1
AT4G17280	0	1	1	1
AT4G17300	0	1	1	1
AT4G17420	1	1	1	1
AT4G17430	0	1	1	1
AT4G17440	0	1	0	1
AT4G17450	1	0	1	1
AT4G17453	0	1	1	1
AT4G17460	1	1	1	1
AT4G17500	0	0	1	1
AT4G17615	0	1	0	1
AT4G17670	0	1	0	1
AT4G17680	0	1	0	1
AT4G17695	0	1	0	1
AT4G17700	0	1	0	1
AT4G17800	0	1	0	1
AT4G17810	1	1	0	1
AT4G18020	0	1	0	1
AT4G18060	0	1	0	1
AT4G18070	0	1	0	1
AT4G18140	1	0	0	1
AT4G18150	1	0	0	1
AT4G18230	1	1	0	1
AT4G18240	1	1	0	1
AT4G18540	0	0	1	1
AT4G18550	0	1	0	1
AT4G18620	0	1	0	1
AT4G18630	1	1	1	1
AT4G18660	0	1	1	1
AT4G18670	0	1	1	1
AT4G18692	0	1	0	1
AT4G18700	0	1	1	1
AT4G18710	0	1	1	1
AT4G18800	0	1	0	1
AT4G18810	0	1	0	1
AT4G18815	0	1	1	1
AT4G18820	0	1	1	1
AT4G18880	1	1	1	1
AT4G18890	1	1	1	1
AT4G18940	0	1	0	1
AT4G18950	0	1	0	1
AT4G19040	1	1	0	1
AT4G19045	0	1	0	1
AT4G19110	0	1	1	1
AT4G19112	0	0	1	1
AT4G19120	0	1	0	1
AT4G19130	0	1	0	1
AT4G19140	0	1	0	1
AT4G19170	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G19180	0	1	0	1
AT4G19390	1	1	1	1
AT4G19395	1	1	1	1
AT4G19420	0	1	0	1
AT4G19430	0	1	1	1
AT4G19440	0	1	0	1
AT4G19660	0	1	0	1
AT4G19670	0	1	0	1
AT4G19700	0	1	0	1
AT4G19710	0	1	0	1
AT4G19830	0	1	0	1
AT4G19860	0	1	0	1
AT4G19865	0	1	0	1
AT4G20060	0	1	0	1
AT4G20070	0	1	0	1
AT4G20170	0	1	1	1
AT4G20180	0	0	1	1
AT4G20190	0	1	0	1
AT4G20200	0	1	0	1
AT4G20240	1	0	0	1
AT4G20250	0	1	0	1
AT4G20260	1	0	0	1
AT4G20362	0	1	0	1
AT4G20370	0	1	0	1
AT4G20870	0	1	0	1
AT4G20880	0	1	0	1
AT4G21500	0	1	0	1
AT4G21510	0	1	0	1
AT4G21560	0	0	1	1
AT4G21570	0	1	1	1
AT4G21730	0	0	1	1
AT4G21740	0	0	1	1
AT4G21745	0	1	0	1
AT4G21750	0	1	0	1
AT4G21910	0	1	0	1
AT4G21926	0	1	0	1
AT4G22000	1	1	1	1
AT4G22010	1	1	1	1
AT4G22190	1	1	1	1
AT4G22200	0	1	0	1
AT4G22230	0	1	0	1
AT4G22350	0	1	0	1
AT4G22360	0	1	0	1
AT4G22485	0	1	0	1
AT4G22490	0	1	0	1
AT4G22540	0	0	1	1
AT4G22590	0	1	1	1
AT4G22592	0	0	1	1
AT4G22600	0	1	0	1
AT4G22720	0	1	0	1
AT4G22730	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G22780	0	1	0	1
AT4G22785	0	1	0	1
AT4G22800	0	1	0	1
AT4G22810	0	1	0	1
AT4G22820	0	1	0	1
AT4G22980	0	0	1	1
AT4G22990	0	0	1	1
AT4G23050	0	1	0	1
AT4G23060	1	1	0	1
AT4G23100	0	0	1	1
AT4G23103	0	1	1	1
AT4G23250	0	1	0	1
AT4G23260	0	1	0	1
AT4G23432	0	1	1	1
AT4G23440	1	1	0	1
AT4G23500	0	1	0	1
AT4G23630	0	1	0	1
AT4G23713	0	1	0	1
AT4G23720	0	1	0	1
AT4G23730	0	1	0	1
AT4G23820	0	1	1	1
AT4G23860	0	1	0	1
AT4G23870	0	1	1	1
AT4G23970	0	1	0	1
AT4G23980	0	1	0	1
AT4G24030	0	0	1	1
AT4G24040	0	0	1	1
AT4G24050	0	1	0	1
AT4G24060	0	1	1	1
AT4G24080	0	1	0	1
AT4G24110	0	0	1	1
AT4G24120	0	0	1	1
AT4G24150	0	1	0	1
AT4G24231	0	1	0	1
AT4G24240	1	1	0	1
AT4G24270	0	1	0	1
AT4G24275	0	1	0	1
AT4G24660	0	1	1	1
AT4G24670	0	1	0	1
AT4G24760	0	1	0	1
AT4G24770	0	1	0	1
AT4G24970	0	1	0	1
AT4G24972	0	1	0	1
AT4G25020	0	1	0	1
AT4G25030	0	1	0	1
AT4G25070	0	1	0	1
AT4G25080	0	1	0	1
AT4G25100	0	1	0	1
AT4G25260	0	1	1	1
AT4G25270	0	1	1	1
AT4G25280	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G25290	0	1	0	1
AT4G25350	0	0	1	1
AT4G25360	0	0	1	1
AT4G25380	1	1	1	1
AT4G25386	0	1	1	1
AT4G25390	1	0	0	1
AT4G25470	1	1	1	1
AT4G25480	1	1	1	1
AT4G25490	0	1	0	1
AT4G25500	0	1	0	1
AT4G25520	1	0	0	1
AT4G25530	1	0	0	1
AT4G25570	0	1	0	1
AT4G25580	0	1	0	1
AT4G25620	1	1	0	1
AT4G25630	1	1	0	1
AT4G25631	0	0	1	1
AT4G25640	0	1	0	1
AT4G25650	0	1	0	1
AT4G25700	0	1	0	1
AT4G25707	0	1	0	1
AT4G25760	0	1	0	1
AT4G25770	0	1	0	1
AT4G25780	0	1	0	1
AT4G25990	0	1	0	1
AT4G26000	0	1	0	1
AT4G26200	0	1	0	1
AT4G26210	0	1	1	1
AT4G26530	0	1	1	1
AT4G26540	0	1	0	1
AT4G26570	0	1	0	1
AT4G26580	0	1	0	1
AT4G26690	1	1	1	1
AT4G26700	1	1	1	1
AT4G26760	0	1	0	1
AT4G26770	0	1	0	1
AT4G26940	0	1	0	1
AT4G26950	0	1	0	1
AT4G27250	0	1	0	1
AT4G27260	0	1	0	1
AT4G27270	0	1	0	1
AT4G27280	0	1	0	1
AT4G27290	0	1	0	1
AT4G27300	1	1	1	1
AT4G27310	1	1	1	1
AT4G27320	0	1	0	1
AT4G27330	0	1	0	1
AT4G27340	0	1	0	1
AT4G27435	0	1	0	1
AT4G27440	0	1	0	1
AT4G27450	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G27460	0	1	0	1
AT4G27490	0	1	0	1
AT4G27500	0	1	0	1
AT4G27510	0	1	1	1
AT4G27520	0	1	0	1
AT4G27654	0	1	0	1
AT4G27657	0	1	0	1
AT4G27660	0	0	1	1
AT4G27710	0	1	0	1
AT4G27720	0	1	0	1
AT4G27730	0	1	0	1
AT4G27740	0	1	0	1
AT4G27860	0	1	0	1
AT4G27870	0	1	0	1
AT4G27950	1	1	1	1
AT4G27960	0	1	0	1
AT4G27970	0	1	0	1
AT4G27980	0	1	0	1
AT4G28080	0	0	1	1
AT4G28085	0	0	1	1
AT4G28150	0	1	0	1
AT4G28240	0	1	1	1
AT4G28250	0	1	0	1
AT4G28260	0	1	0	1
AT4G28270	0	1	0	1
AT4G28290	0	1	1	1
AT4G28300	0	1	1	1
AT4G28330	0	1	0	1
AT4G28340	0	1	0	1
AT4G28530	0	1	0	1
AT4G28630	1	1	1	1
AT4G28640	1	1	1	1
AT4G28650	1	1	0	1
AT4G28660	1	1	0	1
AT4G28700	0	1	0	1
AT4G28703	0	1	1	1
AT4G28710	0	1	0	1
AT4G28720	1	1	1	1
AT4G28730	0	1	0	1
AT4G28750	0	1	0	1
AT4G28760	0	1	0	1
AT4G29080	0	1	0	1
AT4G29090	1	1	1	1
AT4G29130	1	1	0	1
AT4G29140	0	1	0	1
AT4G29150	1	1	0	1
AT4G29190	0	1	0	1
AT4G29200	0	1	0	1
AT4G29220	1	0	0	1
AT4G29230	1	0	0	1
AT4G29270	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G29273	0	1	0	1
AT4G29310	0	1	0	1
AT4G29330	0	1	1	1
AT4G29340	0	1	0	1
AT4G29350	0	1	0	1
AT4G29440	0	0	1	1
AT4G29520	0	1	0	1
AT4G29530	0	1	0	1
AT4G29700	0	1	0	1
AT4G29710	0	1	0	1
AT4G29770	0	1	0	1
AT4G29780	0	1	1	1
AT4G29900	0	1	0	1
AT4G29905	0	1	0	1
AT4G29930	0	0	1	1
AT4G29940	0	1	0	1
AT4G29950	0	1	0	1
AT4G30064	0	1	0	1
AT4G30067	0	1	0	1
AT4G30074	1	1	0	1
AT4G30080	0	1	0	1
AT4G30120	0	1	0	1
AT4G30130	0	1	0	1
AT4G30170	0	1	0	1
AT4G30180	0	1	0	1
AT4G30280	0	0	1	1
AT4G30340	0	1	1	1
AT4G30350	0	1	1	1
AT4G30370	0	1	0	1
AT4G30380	0	1	0	1
AT4G30400	0	1	0	1
AT4G30410	1	1	1	1
AT4G30420	1	1	0	1
AT4G30430	0	1	0	1
AT4G30440	0	1	0	1
AT4G30490	0	1	1	1
AT4G30500	0	1	1	1
AT4G30640	0	1	0	1
AT4G30650	0	1	1	1
AT4G30660	0	1	1	1
AT4G30770	0	1	0	1
AT4G30780	0	1	0	1
AT4G30790	0	0	1	1
AT4G30800	0	0	1	1
AT4G31080	1	0	0	1
AT4G31355	0	1	0	1
AT4G31360	0	1	0	1
AT4G31370	0	1	0	1
AT4G31380	0	1	1	1
AT4G31390	1	1	1	1
AT4G31550	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G31590	0	1	0	1
AT4G31600	0	1	0	1
AT4G31820	0	0	1	1
AT4G31877	0	1	0	1
AT4G31880	0	1	0	1
AT4G32010	0	1	0	1
AT4G32020	1	1	1	1
AT4G32030	0	1	1	1
AT4G32070	0	1	0	1
AT4G32080	0	1	0	1
AT4G32272	1	1	1	1
AT4G32280	1	1	1	1
AT4G32290	0	1	0	1
AT4G32295	0	1	0	1
AT4G32410	0	1	0	1
AT4G32420	0	1	0	1
AT4G32475	0	1	0	1
AT4G32480	1	1	1	1
AT4G32790	0	1	0	1
AT4G32800	0	1	1	1
AT4G32810	0	1	0	1
AT4G32870	0	1	0	1
AT4G32880	0	1	0	1
AT4G32890	0	1	0	1
AT4G32900	0	1	0	1
AT4G33040	0	1	0	1
AT4G33050	0	1	0	1
AT4G33060	0	1	0	1
AT4G33240	0	1	1	1
AT4G33250	0	1	1	1
AT4G33430	0	1	0	1
AT4G33440	0	1	0	1
AT4G33467	0	1	0	1
AT4G33470	0	1	0	1
AT4G33490	0	0	1	1
AT4G33560	0	1	0	1
AT4G33565	0	1	0	1
AT4G33700	0	1	0	1
AT4G33990	1	1	1	1
AT4G34000	1	1	1	1
AT4G34131	0	1	1	1
AT4G34135	0	1	1	1
AT4G34220	0	1	0	1
AT4G34230	0	1	1	1
AT4G34240	0	1	1	1
AT4G34310	0	1	0	1
AT4G34320	0	1	0	1
AT4G34410	0	0	1	1
AT4G34520	0	1	0	1
AT4G34530	1	1	0	1
AT4G34540	1	0	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G34640	0	1	0	1
AT4G34650	0	1	0	1
AT4G34700	0	1	0	1
AT4G34710	0	1	1	1
AT4G34720	0	1	0	1
AT4G34760	0	1	1	1
AT4G34770	0	1	1	1
AT4G34780	0	1	0	1
AT4G34790	0	1	0	1
AT4G34800	0	1	0	1
AT4G34910	0	0	1	1
AT4G34960	0	1	0	1
AT4G34970	0	1	0	1
AT4G34980	0	1	1	1
AT4G35060	0	1	0	1
AT4G35070	0	1	0	1
AT4G35090	1	1	0	1
AT4G35100	1	1	0	1
AT4G35110	0	1	0	1
AT4G35180	0	1	0	1
AT4G35190	0	1	0	1
AT4G35240	0	1	0	1
AT4G35250	0	1	0	1
AT4G35460	0	1	0	1
AT4G35470	1	1	1	1
AT4G35480	0	1	0	1
AT4G35500	0	1	0	1
AT4G35510	0	1	0	1
AT4G35710	0	1	0	1
AT4G35720	1	1	1	1
AT4G35750	0	1	0	1
AT4G35760	0	1	0	1
AT4G35770	0	1	0	1
AT4G35780	0	1	0	1
AT4G35783	0	1	0	1
AT4G35790	0	1	0	1
AT4G35837	0	0	1	1
AT4G35840	0	1	0	1
AT4G35850	1	1	1	1
AT4G36010	1	1	0	1
AT4G36020	0	1	0	1
AT4G36030	0	1	1	1
AT4G36040	0	1	1	1
AT4G36105	0	1	0	1
AT4G36110	0	1	1	1
AT4G36120	0	1	0	1
AT4G36170	0	1	1	1
AT4G36220	0	1	0	1
AT4G36360	0	1	0	1
AT4G36370	0	1	1	1
AT4G36380	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G36470	0	0	1	1
AT4G36480	0	0	1	1
AT4G36530	1	1	1	1
AT4G36540	1	1	1	1
AT4G36620	0	1	0	1
AT4G36630	0	1	0	1
AT4G36670	1	0	0	1
AT4G36700	0	1	0	1
AT4G36710	0	1	0	1
AT4G36730	1	0	0	1
AT4G36740	1	0	0	1
AT4G36770	1	1	1	1
AT4G36780	1	1	1	1
AT4G36790	1	1	0	1
AT4G36860	1	1	1	1
AT4G36870	0	1	0	1
AT4G36880	1	0	0	1
AT4G36910	0	1	0	1
AT4G36920	0	1	0	1
AT4G36925	0	1	0	1
AT4G36930	0	1	0	1
AT4G36970	0	1	0	1
AT4G36980	0	1	0	1
AT4G37070	0	1	1	1
AT4G37080	0	1	0	1
AT4G37235	0	1	0	1
AT4G37240	0	1	0	1
AT4G37250	1	1	0	1
AT4G37260	0	1	0	1
AT4G37380	0	1	0	1
AT4G37390	1	1	1	1
AT4G37420	0	1	0	1
AT4G37470	1	1	0	1
AT4G37480	1	1	0	1
AT4G37540	1	1	1	1
AT4G37550	1	1	1	1
AT4G37560	0	1	0	1
AT4G37580	0	1	0	1
AT4G37590	0	1	0	1
AT4G37608	0	1	0	1
AT4G37740	0	1	0	1
AT4G37750	0	1	0	1
AT4G37760	0	1	0	1
AT4G37770	0	1	0	1
AT4G37780	0	1	0	1
AT4G37790	1	1	0	1
AT4G37800	0	1	0	1
AT4G37810	0	1	0	1
AT4G37820	0	1	0	1
AT4G37840	0	1	1	1
AT4G37850	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G37940	1	1	1	1
AT4G37950	1	1	0	1
AT4G37970	0	0	1	1
AT4G37980	0	0	1	1
AT4G38401	0	1	0	1
AT4G38405	0	1	0	1
AT4G38420	0	1	0	1
AT4G38430	0	1	0	1
AT4G38460	0	1	0	1
AT4G38470	1	1	0	1
AT4G38520	0	1	0	1
AT4G38530	0	1	0	1
AT4G38570	0	1	0	1
AT4G38580	0	1	0	1
AT4G38620	0	1	0	1
AT4G38630	0	1	0	1
AT4G38660	0	1	0	1
AT4G38670	0	1	0	1
AT4G38680	0	1	0	1
AT4G38690	0	1	0	1
AT4G38700	0	1	0	1
AT4G38710	0	1	0	1
AT4G38730	0	1	0	1
AT4G38740	0	1	0	1
AT4G38750	0	1	0	1
AT4G38810	0	1	0	1
AT4G38825	0	1	0	1
AT4G38840	0	1	1	1
AT4G38850	0	1	1	1
AT4G38860	1	1	1	1
AT4G39040	0	1	0	1
AT4G39050	0	1	0	1
AT4G39070	0	1	0	1
AT4G39080	0	1	0	1
AT4G39090	0	1	0	1
AT4G39100	0	1	0	1
AT4G39140	0	1	0	1
AT4G39150	0	1	0	1
AT4G39200	0	1	0	1
AT4G39210	0	1	0	1
AT4G39345	0	1	0	1
AT4G39350	0	1	1	1
AT4G39360	0	1	0	1
AT4G39390	0	1	0	1
AT4G39400	1	1	0	1
AT4G39403	0	1	1	1
AT4G39404	1	1	1	1
AT4G39410	0	1	0	1
AT4G39520	0	1	0	1
AT4G39630	1	0	1	1
AT4G39640	1	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT4G39760	0	1	0	1
AT4G39770	1	1	0	1
AT4G39780	0	1	0	1
AT4G39790	0	1	0	1
AT4G39795	0	1	0	1
AT4G39800	0	1	0	1
AT4G39810	0	1	0	1
AT4G39830	0	1	0	1
AT4G39840	0	1	0	1
AT4G39850	0	1	0	1
AT4G40011	0	1	0	1
AT4G40020	0	1	0	1
AT4G40040	0	1	0	1
AT4G40042	0	1	0	1
AT4G40050	0	1	0	1
AT4G40060	0	1	0	1
AT5G01070	0	1	0	1
AT5G01075	0	1	0	1
AT5G01230	0	1	0	1
AT5G01240	0	1	0	1
AT5G01250	0	1	0	1
AT5G01260	0	1	0	1
AT5G01380	1	1	1	1
AT5G01390	0	1	0	1
AT5G01445	0	1	0	1
AT5G01510	0	1	0	1
AT5G01520	0	1	0	1
AT5G01560	0	1	0	1
AT5G01570	0	1	0	1
AT5G01595	0	1	0	1
AT5G01600	0	1	0	1
AT5G01710	0	0	1	1
AT5G01712	0	0	1	1
AT5G01715	0	0	1	1
AT5G01720	0	1	0	1
AT5G01734	0	1	1	1
AT5G01740	0	1	1	1
AT5G01747	0	1	0	1
AT5G01750	0	1	0	1
AT5G01760	0	1	0	1
AT5G01790	0	1	0	1
AT5G01800	0	1	0	1
AT5G01810	0	1	0	1
AT5G01820	0	1	0	1
AT5G01849	0	1	0	1
AT5G01850	0	1	0	1
AT5G01880	0	1	0	1
AT5G01950	0	0	1	1
AT5G02021	0	1	0	1
AT5G02025	0	1	0	1
AT5G02180	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G02190	0	1	1	1
AT5G02200	0	1	1	1
AT5G02230	0	1	0	1
AT5G02240	0	1	0	1
AT5G02250	0	1	0	1
AT5G02260	0	1	1	1
AT5G02450	0	1	0	1
AT5G02460	0	1	0	1
AT5G02500	0	1	0	1
AT5G02502	0	1	0	1
AT5G02530	1	1	1	1
AT5G02540	1	1	1	1
AT5G02550	0	1	0	1
AT5G02570	1	1	1	1
AT5G02580	1	1	1	1
AT5G02590	1	1	1	1
AT5G02640	0	1	0	1
AT5G02650	0	1	0	1
AT5G02730	0	1	0	1
AT5G02740	0	1	0	1
AT5G02750	0	1	0	1
AT5G02760	0	1	1	1
AT5G03040	0	1	1	1
AT5G03050	0	1	0	1
AT5G03110	0	1	0	1
AT5G03120	0	1	0	1
AT5G03140	1	1	1	1
AT5G03150	0	1	1	1
AT5G03180	0	1	0	1
AT5G03190	0	1	0	1
AT5G03210	1	1	0	1
AT5G03220	0	1	1	1
AT5G03230	0	0	1	1
AT5G03270	0	1	0	1
AT5G03280	0	1	0	1
AT5G03310	0	1	0	1
AT5G03320	0	1	0	1
AT5G03330	1	0	1	1
AT5G03350	0	1	0	1
AT5G03360	0	1	0	1
AT5G03370	0	1	1	1
AT5G03380	0	1	0	1
AT5G03490	0	1	0	1
AT5G03510	0	1	0	1
AT5G03520	0	1	1	1
AT5G03660	0	1	0	1
AT5G03668	0	1	0	1
AT5G03700	0	1	0	1
AT5G03705	0	1	0	1
AT5G03720	0	1	0	1
AT5G03730	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G03740	0	1	0	1
AT5G03760	0	1	0	1
AT5G03880	0	1	0	1
AT5G03890	0	1	0	1
AT5G04050	0	1	0	1
AT5G04060	0	1	0	1
AT5G04090	1	1	0	1
AT5G04110	1	1	0	1
AT5G04120	1	1	1	1
AT5G04130	0	1	0	1
AT5G04140	0	1	0	1
AT5G04180	0	1	1	1
AT5G04190	0	1	1	1
AT5G04310	0	1	0	1
AT5G04330	0	1	0	1
AT5G04340	0	1	0	1
AT5G04470	0	1	0	1
AT5G04480	0	1	0	1
AT5G04530	0	1	0	1
AT5G04540	0	1	0	1
AT5G04550	0	1	1	1
AT5G04560	0	1	0	1
AT5G04590	0	1	0	1
AT5G04710	0	1	0	1
AT5G04720	0	1	0	1
AT5G04760	0	1	0	1
AT5G04770	0	1	0	1
AT5G04780	0	1	0	1
AT5G04830	1	0	0	1
AT5G04840	1	0	0	1
AT5G05140	0	1	1	1
AT5G05150	0	1	0	1
AT5G05170	0	1	1	1
AT5G05180	0	1	1	1
AT5G05250	1	1	0	1
AT5G05260	0	1	0	1
AT5G05430	0	0	1	1
AT5G05435	0	1	0	1
AT5G05440	1	1	1	1
AT5G05590	0	0	1	1
AT5G05598	0	0	1	1
AT5G05690	0	1	1	1
AT5G05700	0	1	0	1
AT5G05850	0	1	0	1
AT5G05860	0	1	0	1
AT5G05965	1	1	1	1
AT5G05970	1	1	1	1
AT5G06190	0	1	0	1
AT5G06200	0	1	0	1
AT5G06380	0	1	0	1
AT5G06390	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G06530	1	1	0	1
AT5G06540	0	1	0	1
AT5G06700	0	1	1	1
AT5G06710	0	1	0	1
AT5G06720	0	1	0	1
AT5G06790	0	0	1	1
AT5G06839	0	1	0	1
AT5G06865	0	1	0	1
AT5G06920	0	1	0	1
AT5G06930	0	1	0	1
AT5G06970	0	1	1	1
AT5G06980	0	1	1	1
AT5G07000	0	1	0	1
AT5G07010	1	1	1	1
AT5G07020	0	1	0	1
AT5G07030	0	1	0	1
AT5G07070	1	0	1	1
AT5G07080	1	0	1	1
AT5G07190	0	1	0	1
AT5G07200	0	1	0	1
AT5G07230	0	1	0	1
AT5G07240	0	1	0	1
AT5G07270	0	1	0	1
AT5G07280	0	1	0	1
AT5G07430	0	1	0	1
AT5G07440	0	1	0	1
AT5G07571	0	0	1	1
AT5G07580	0	1	1	1
AT5G07730	0	1	0	1
AT5G07760	0	1	0	1
AT5G07920	1	1	1	1
AT5G07930	1	1	1	1
AT5G07980	0	1	0	1
AT5G07990	0	1	0	1
AT5G08075	0	1	0	1
AT5G08080	0	1	0	1
AT5G08130	1	1	1	1
AT5G08139	1	1	1	1
AT5G08141	0	1	0	1
AT5G08150	0	1	0	1
AT5G08230	0	0	1	1
AT5G08240	0	0	1	1
AT5G08320	0	1	0	1
AT5G08330	1	1	1	1
AT5G08350	0	1	1	1
AT5G08360	0	1	1	1
AT5G08505	0	1	0	1
AT5G08510	0	1	0	1
AT5G08520	0	1	0	1
AT5G08530	0	1	0	1
AT5G09350	1	0	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G09370	0	1	0	1
AT5G09430	0	1	0	1
AT5G09440	0	1	0	1
AT5G09460	0	1	0	1
AT5G09461	0	1	0	1
AT5G09462	0	1	0	1
AT5G09463	0	1	0	1
AT5G09520	0	1	0	1
AT5G09805	0	1	0	1
AT5G09810	1	1	1	1
AT5G09970	0	1	0	1
AT5G09975	0	1	0	1
AT5G10100	0	1	0	1
AT5G10110	0	1	0	1
AT5G10130	0	1	0	1
AT5G10140	0	1	0	1
AT5G10430	0	1	0	1
AT5G10440	0	1	0	1
AT5G10450	0	1	0	1
AT5G10455	0	1	0	1
AT5G10510	0	1	0	1
AT5G10550	0	1	0	1
AT5G10560	0	1	0	1
AT5G10740	1	1	0	1
AT5G10745	1	1	1	1
AT5G10750	0	0	1	1
AT5G10930	0	1	0	1
AT5G10940	0	1	0	1
AT5G10990	0	1	0	1
AT5G11000	0	1	0	1
AT5G11050	0	1	0	1
AT5G11060	0	1	0	1
AT5G11090	0	1	0	1
AT5G11100	0	1	0	1
AT5G11260	0	1	0	1
AT5G11270	0	1	0	1
AT5G11520	0	1	0	1
AT5G11530	0	1	0	1
AT5G11640	0	1	0	1
AT5G11650	0	1	0	1
AT5G11660	0	1	0	1
AT5G11670	0	1	0	1
AT5G11730	0	1	0	1
AT5G11740	0	1	0	1
AT5G11930	1	0	0	1
AT5G11940	1	0	0	1
AT5G11950	0	1	1	1
AT5G11960	0	1	0	1
AT5G11970	0	1	1	1
AT5G11977	0	1	1	1
AT5G12010	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G12020	0	1	0	1
AT5G12040	0	1	0	1
AT5G12043	0	1	1	1
AT5G12250	0	1	1	1
AT5G12260	0	1	1	1
AT5G12270	0	1	0	1
AT5G12900	0	0	1	1
AT5G13090	1	1	0	1
AT5G13100	1	1	0	1
AT5G13110	0	1	0	1
AT5G13140	0	1	0	1
AT5G13150	0	1	0	1
AT5G13170	0	1	0	1
AT5G13180	0	1	0	1
AT5G13220	0	1	0	1
AT5G13240	0	1	0	1
AT5G13250	0	1	0	1
AT5G13260	1	0	0	1
AT5G13460	0	0	1	1
AT5G13550	0	1	0	1
AT5G13560	0	1	0	1
AT5G13710	0	1	0	1
AT5G13730	1	1	1	1
AT5G13740	1	1	1	1
AT5G13750	0	1	0	1
AT5G13760	0	1	0	1
AT5G13810	0	1	0	1
AT5G13820	1	1	0	1
AT5G13990	0	1	0	1
AT5G14000	0	1	0	1
AT5G14080	0	1	0	1
AT5G14090	0	1	0	1
AT5G14230	0	1	0	1
AT5G14350	0	1	0	1
AT5G14360	0	1	0	1
AT5G14370	0	1	0	1
AT5G14380	0	1	0	1
AT5G14420	0	1	1	1
AT5G14430	0	1	1	1
AT5G14640	0	1	0	1
AT5G14650	0	1	0	1
AT5G14690	1	1	1	1
AT5G14700	0	1	0	1
AT5G14710	0	1	0	1
AT5G14780	0	1	0	1
AT5G14790	0	1	0	1
AT5G14910	0	1	1	1
AT5G14920	0	1	1	1
AT5G15150	0	1	1	1
AT5G15160	0	1	0	1
AT5G15220	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G15230	0	1	1	1
AT5G15260	0	1	1	1
AT5G15265	0	1	1	1
AT5G15340	0	1	0	1
AT5G15350	0	1	0	1
AT5G15410	0	1	0	1
AT5G15420	0	1	0	1
AT5G15430	0	1	0	1
AT5G15440	0	1	0	1
AT5G15580	1	1	1	1
AT5G15581	0	0	1	1
AT5G15600	1	1	0	1
AT5G15860	0	1	0	1
AT5G15870	0	1	0	1
AT5G15970	0	0	1	1
AT5G16000	0	0	1	1
AT5G16010	0	0	1	1
AT5G16023	1	1	1	1
AT5G16030	1	1	1	1
AT5G16110	1	0	0	1
AT5G16120	1	0	0	1
AT5G16200	0	1	1	1
AT5G16210	1	1	1	1
AT5G16220	0	1	0	1
AT5G16270	1	0	0	1
AT5G16375	0	1	0	1
AT5G16380	0	1	0	1
AT5G16560	0	1	0	1
AT5G16567	0	1	0	1
AT5G16570	0	1	0	1
AT5G16590	0	1	0	1
AT5G16600	0	1	0	1
AT5G16830	1	0	0	1
AT5G16840	1	0	0	1
AT5G16910	0	1	0	1
AT5G16920	0	1	0	1
AT5G17160	0	1	0	1
AT5G17165	0	1	0	1
AT5G17230	1	0	0	1
AT5G17233	0	1	0	1
AT5G17240	1	0	0	1
AT5G17430	0	1	0	1
AT5G17440	0	1	0	1
AT5G17640	1	1	0	1
AT5G17650	0	1	0	1
AT5G17760	1	0	0	1
AT5G17770	0	1	0	1
AT5G17790	1	0	0	1
AT5G17800	1	0	0	1
AT5G17840	0	1	0	1
AT5G17847	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G17900	0	1	0	1
AT5G17910	0	1	0	1
AT5G17920	0	1	1	1
AT5G17930	0	1	1	1
AT5G18010	0	1	1	1
AT5G18015	0	1	0	1
AT5G18020	1	1	1	1
AT5G18030	1	1	1	1
AT5G18050	0	1	1	1
AT5G18060	0	1	1	1
AT5G18070	0	1	0	1
AT5G18080	0	1	1	1
AT5G18270	1	0	0	1
AT5G18280	0	1	0	1
AT5G18310	0	1	1	1
AT5G18460	0	1	0	1
AT5G18470	0	1	0	1
AT5G18560	0	1	0	1
AT5G18570	0	1	0	1
AT5G18590	0	1	0	1
AT5G18600	0	1	0	1
AT5G18610	1	1	0	1
AT5G18640	0	1	0	1
AT5G18650	1	1	1	1
AT5G18661	0	1	0	1
AT5G18670	0	1	0	1
AT5G18680	0	1	0	1
AT5G18690	0	1	0	1
AT5G18820	0	1	0	1
AT5G18830	0	1	0	1
AT5G18850	0	1	0	1
AT5G18860	1	1	1	1
AT5G18910	1	1	0	1
AT5G18920	1	1	0	1
AT5G18930	0	1	0	1
AT5G18940	0	1	0	1
AT5G19010	0	1	0	1
AT5G19020	0	1	0	1
AT5G19090	0	1	0	1
AT5G19095	0	1	0	1
AT5G19100	1	0	0	1
AT5G19110	0	1	0	1
AT5G19120	0	1	0	1
AT5G19130	0	1	0	1
AT5G19140	0	1	0	1
AT5G19180	0	1	0	1
AT5G19190	0	1	1	1
AT5G19200	0	1	1	1
AT5G19380	0	1	0	1
AT5G19390	0	1	0	1
AT5G19730	0	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G19770	0	1	0	1
AT5G19780	0	1	0	1
AT5G19810	0	1	0	1
AT5G19820	0	1	0	1
AT5G19860	0	1	0	1
AT5G19930	0	1	0	1
AT5G19940	0	1	0	1
AT5G20030	0	1	0	1
AT5G20040	0	1	0	1
AT5G20110	0	1	1	1
AT5G20170	0	0	1	1
AT5G20180	0	0	1	1
AT5G20181	0	1	1	1
AT5G20190	0	1	1	1
AT5G20250	0	1	0	1
AT5G20280	0	1	0	1
AT5G20290	0	1	0	1
AT5G20630	1	1	0	1
AT5G20635	0	1	0	1
AT5G20700	0	1	1	1
AT5G20710	0	1	1	1
AT5G21090	0	1	0	1
AT5G21100	0	1	0	1
AT5G21280	0	1	0	1
AT5G21482	0	1	0	1
AT5G21940	1	1	1	1
AT5G21950	0	1	0	1
AT5G21990	1	1	1	1
AT5G22090	0	1	0	1
AT5G22100	0	1	0	1
AT5G22490	0	1	0	1
AT5G22500	0	1	0	1
AT5G22630	0	1	0	1
AT5G22640	0	1	0	1
AT5G22740	0	1	1	1
AT5G22910	0	1	0	1
AT5G22920	0	1	0	1
AT5G22930	0	1	0	1
AT5G22940	0	1	1	1
AT5G22950	0	1	0	1
AT5G23010	0	1	0	1
AT5G23020	0	1	0	1
AT5G23210	0	1	0	1
AT5G23270	0	1	0	1
AT5G23280	1	1	1	1
AT5G23350	0	1	0	1
AT5G23360	0	1	0	1
AT5G23850	0	1	0	1
AT5G23860	0	1	1	1
AT5G23870	0	1	1	1
AT5G24000	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G24030	0	1	0	1
AT5G24590	0	1	0	1
AT5G24593	0	1	0	1
AT5G24600	1	0	1	1
AT5G24610	1	0	1	1
AT5G24870	0	1	0	1
AT5G24879	0	1	0	1
AT5G24910	0	1	0	1
AT5G24920	0	1	0	1
AT5G24930	0	1	0	1
AT5G25102	0	1	0	1
AT5G25110	0	1	0	1
AT5G25190	1	1	0	1
AT5G25200	0	1	0	1
AT5G25210	0	1	0	1
AT5G25220	0	1	0	1
AT5G25240	0	1	0	1
AT5G25250	0	1	0	1
AT5G25270	0	1	0	1
AT5G25280	0	1	0	1
AT5G25290	0	1	1	1
AT5G25350	0	1	0	1
AT5G25360	0	1	0	1
AT5G25450	0	1	0	1
AT5G25460	1	1	1	1
AT5G25620	0	1	0	1
AT5G25810	0	1	0	1
AT5G25820	0	1	0	1
AT5G26140	0	1	0	1
AT5G26146	1	1	0	1
AT5G26190	1	1	0	1
AT5G26200	1	1	0	1
AT5G26340	1	0	0	1
AT5G26345	1	0	0	1
AT5G26780	0	1	0	1
AT5G26790	0	1	0	1
AT5G26960	0	1	0	1
AT5G27030	0	1	0	1
AT5G27050	0	1	0	1
AT5G27210	0	1	1	1
AT5G27220	0	1	1	1
AT5G27520	0	1	0	1
AT5G27920	1	1	0	1
AT5G27930	0	1	0	1
AT5G27940	0	1	0	1
AT5G28020	0	0	1	1
AT5G28040	0	1	0	1
AT5G28050	0	1	0	1
AT5G28090	0	1	0	1
AT5G28143	1	0	0	1
AT5G28145	1	0	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G28150	0	1	0	1
AT5G28300	1	1	1	1
AT5G28310	0	1	0	1
AT5G28470	0	1	0	1
AT5G28490	0	1	0	1
AT5G28620	1	1	0	1
AT5G28622	1	0	0	1
AT5G28630	0	1	0	1
AT5G28640	0	1	0	1
AT5G28642	0	1	0	1
AT5G28646	0	1	0	1
AT5G35407	0	1	0	1
AT5G35410	0	1	0	1
AT5G35525	0	1	0	1
AT5G36240	1	0	0	1
AT5G36250	1	0	0	1
AT5G37010	0	1	0	1
AT5G37020	0	1	0	1
AT5G37260	1	0	0	1
AT5G38130	0	1	0	1
AT5G38140	0	1	0	1
AT5G38420	0	1	0	1
AT5G38430	0	1	0	1
AT5G38470	0	1	0	1
AT5G38480	0	1	0	1
AT5G38510	0	1	0	1
AT5G38520	0	1	0	1
AT5G38690	0	1	0	1
AT5G38700	0	1	0	1
AT5G38970	0	1	0	1
AT5G38980	0	1	0	1
AT5G39040	0	1	0	1
AT5G39050	0	1	0	1
AT5G39080	0	1	0	1
AT5G39200	0	1	0	1
AT5G39210	0	1	0	1
AT5G39230	0	1	0	1
AT5G39240	0	1	0	1
AT5G39250	0	1	0	1
AT5G39560	1	1	0	1
AT5G39570	1	1	0	1
AT5G39760	0	1	0	1
AT5G39770	0	1	0	1
AT5G39850	0	1	0	1
AT5G39860	0	1	1	1
AT5G40340	0	1	1	1
AT5G40348	0	1	0	1
AT5G40460	0	1	0	1
AT5G40470	0	1	0	1
AT5G40630	1	1	0	1
AT5G40640	1	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G40855	1	0	0	1
AT5G40860	1	0	0	1
AT5G40890	0	1	0	1
AT5G41071	0	1	0	1
AT5G41080	0	1	0	1
AT5G41130	1	1	1	1
AT5G41140	1	1	0	1
AT5G41401	0	1	0	1
AT5G41460	0	1	0	1
AT5G41470	0	1	0	1
AT5G41590	0	1	1	1
AT5G41600	0	1	1	1
AT5G41774	0	1	0	1
AT5G41905	1	1	1	1
AT5G41908	1	1	1	1
AT5G42100	0	1	0	1
AT5G42380	0	0	1	1
AT5G42390	0	0	1	1
AT5G42635	0	1	0	1
AT5G42640	0	1	0	1
AT5G42650	0	1	0	1
AT5G42670	0	1	0	1
AT5G42677	1	0	0	1
AT5G42680	0	1	0	1
AT5G42690	0	1	0	1
AT5G42700	0	1	0	1
AT5G42740	0	1	0	1
AT5G42750	0	1	0	1
AT5G42900	1	0	1	1
AT5G43020	0	1	1	1
AT5G43030	0	1	0	1
AT5G43060	1	0	0	1
AT5G43140	0	1	0	1
AT5G43150	1	1	0	1
AT5G43270	0	0	1	1
AT5G43695	0	1	0	1
AT5G43700	0	1	0	1
AT5G43710	0	1	0	1
AT5G43745	1	0	0	1
AT5G43760	0	0	1	1
AT5G43790	0	1	0	1
AT5G43810	0	1	0	1
AT5G43870	0	1	0	1
AT5G43880	0	1	0	1
AT5G43890	0	0	1	1
AT5G44010	0	1	0	1
AT5G44020	0	1	0	1
AT5G44180	0	1	0	1
AT5G44190	0	1	0	1
AT5G44210	0	1	1	1
AT5G44220	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G44250	0	1	0	1
AT5G44260	0	1	0	1
AT5G44410	0	1	0	1
AT5G44440	0	1	0	1
AT5G44450	0	1	0	1
AT5G44460	0	1	0	1
AT5G44570	0	1	0	1
AT5G44572	0	1	0	1
AT5G45095	0	1	0	1
AT5G45100	1	1	0	1
AT5G45340	1	1	1	1
AT5G45350	0	1	0	1
AT5G45380	0	1	0	1
AT5G45580	1	1	0	1
AT5G45590	0	1	0	1
AT5G45830	0	1	0	1
AT5G45960	0	1	0	1
AT5G46170	0	1	0	1
AT5G46180	0	1	0	1
AT5G46240	0	1	0	1
AT5G46250	0	1	1	1
AT5G46320	0	0	1	1
AT5G46325	0	1	0	1
AT5G46330	0	1	1	1
AT5G46680	0	1	0	1
AT5G46690	0	1	1	1
AT5G46710	0	1	0	1
AT5G46720	0	1	0	1
AT5G46845	0	1	0	1
AT5G46850	0	1	0	1
AT5G47040	1	1	0	1
AT5G47050	0	1	0	1
AT5G47060	0	1	0	1
AT5G47180	1	1	0	1
AT5G47190	0	1	0	1
AT5G47230	0	1	0	1
AT5G47240	0	1	0	1
AT5G47370	1	1	1	1
AT5G47380	1	1	1	1
AT5G47390	1	0	0	1
AT5G47410	0	1	0	1
AT5G47420	1	1	0	1
AT5G47500	0	1	1	1
AT5G47510	0	1	1	1
AT5G47540	0	1	0	1
AT5G47550	0	1	0	1
AT5G47560	0	1	0	1
AT5G47610	0	1	0	1
AT5G47620	0	1	0	1
AT5G47635	0	1	1	1
AT5G47640	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G47730	0	1	0	1
AT5G47740	0	1	0	1
AT5G47770	0	1	0	1
AT5G47780	0	1	0	1
AT5G47810	0	1	0	1
AT5G47818	1	0	1	1
AT5G47820	1	1	1	1
AT5G48150	0	1	1	1
AT5G48190	0	1	0	1
AT5G48200	0	1	0	1
AT5G48250	1	1	0	1
AT5G48270	0	1	0	1
AT5G48450	0	1	0	1
AT5G48460	0	1	0	1
AT5G48540	1	1	1	1
AT5G48543	1	1	0	1
AT5G48545	1	1	0	1
AT5G48640	0	1	0	1
AT5G48650	0	1	0	1
AT5G48890	0	1	0	1
AT5G48900	1	1	1	1
AT5G48905	0	1	1	1
AT5G48930	0	1	0	1
AT5G48940	0	1	0	1
AT5G49070	0	1	0	1
AT5G49090	0	0	1	1
AT5G49100	0	1	1	1
AT5G49170	0	1	0	1
AT5G49280	0	1	0	1
AT5G49290	0	1	0	1
AT5G49360	0	1	0	1
AT5G49370	0	1	0	1
AT5G49690	0	1	1	1
AT5G49700	0	1	1	1
AT5G49710	0	1	0	1
AT5G49800	0	1	0	1
AT5G49810	0	1	0	1
AT5G50000	0	1	0	1
AT5G50010	0	1	0	1
AT5G50335	0	1	0	1
AT5G50340	0	1	0	1
AT5G50890	0	1	0	1
AT5G50900	0	1	0	1
AT5G50910	0	1	0	1
AT5G51200	0	1	0	1
AT5G51210	1	1	0	1
AT5G51451	0	1	0	1
AT5G51460	1	1	1	1
AT5G51550	0	1	0	1
AT5G51560	0	1	0	1
AT5G51780	0	1	0	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G51790	0	1	1	1
AT5G51830	0	1	0	1
AT5G51840	0	1	0	1
AT5G52270	0	1	0	1
AT5G52280	0	1	0	1
AT5G52400	0	0	1	1
AT5G52430	0	1	0	1
AT5G52440	0	1	0	1
AT5G52570	1	1	1	1
AT5G52580	1	1	1	1
AT5G52820	0	1	0	1
AT5G52830	0	1	0	1
AT5G52890	0	1	1	1
AT5G52900	0	1	1	1
AT5G52901	0	1	1	1
AT5G53010	0	1	0	1
AT5G53020	0	1	0	1
AT5G53160	0	1	0	1
AT5G53170	0	1	0	1
AT5G53220	1	0	0	1
AT5G53280	0	1	0	1
AT5G53290	0	1	0	1
AT5G53300	0	1	0	1
AT5G53400	0	1	1	1
AT5G53410	0	1	0	1
AT5G53450	0	1	0	1
AT5G53451	0	1	0	1
AT5G53460	0	1	0	1
AT5G53500	0	1	0	1
AT5G53510	0	1	1	1
AT5G53540	1	1	0	1
AT5G53550	1	1	0	1
AT5G53580	1	0	0	1
AT5G53590	1	0	0	1
AT5G53650	0	1	0	1
AT5G53660	0	1	0	1
AT5G53730	0	1	0	1
AT5G53740	0	1	0	1
AT5G53750	0	1	0	1
AT5G53760	1	1	0	1
AT5G53970	0	1	1	1
AT5G53980	1	1	1	1
AT5G54150	0	1	0	1
AT5G54160	0	1	0	1
AT5G54190	0	1	0	1
AT5G54200	0	1	0	1
AT5G54280	0	1	0	1
AT5G54290	0	1	0	1
AT5G54300	0	1	0	1
AT5G54380	1	1	1	1
AT5G54390	1	1	0	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G54470	1	1	1	1
AT5G54480	1	1	1	1
AT5G54500	0	1	0	1
AT5G54510	1	1	1	1
AT5G54520	1	1	0	1
AT5G54530	1	1	0	1
AT5G54580	0	1	1	1
AT5G54585	0	1	1	1
AT5G54590	1	1	1	1
AT5G54660	0	1	0	1
AT5G54670	0	1	0	1
AT5G54700	0	1	0	1
AT5G54710	0	1	0	1
AT5G54745	0	1	0	1
AT5G54790	1	0	0	1
AT5G54800	1	0	0	1
AT5G54940	0	1	0	1
AT5G54950	0	1	0	1
AT5G54960	1	1	0	1
AT5G54970	1	1	0	1
AT5G55090	0	1	0	1
AT5G55100	0	1	0	1
AT5G55120	0	0	1	1
AT5G55820	0	1	0	1
AT5G55830	0	1	0	1
AT5G55840	0	1	0	1
AT5G55850	0	1	0	1
AT5G55910	0	1	0	1
AT5G55920	0	1	0	1
AT5G55950	0	1	0	1
AT5G55960	0	1	0	1
AT5G55970	0	1	0	1
AT5G56030	0	1	0	1
AT5G56040	0	1	1	1
AT5G56050	0	1	0	1
AT5G56160	0	1	0	1
AT5G56170	0	1	0	1
AT5G56210	0	1	0	1
AT5G56220	0	1	0	1
AT5G56230	0	1	0	1
AT5G56240	0	1	0	1
AT5G56250	0	1	0	1
AT5G56490	0	1	0	1
AT5G56500	0	1	0	1
AT5G56550	0	1	0	1
AT5G56560	0	1	0	1
AT5G56860	0	1	0	1
AT5G56865	0	1	0	1
AT5G56890	0	1	0	1
AT5G56900	0	1	0	1
AT5G56980	1	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G56990	0	1	0	1
AT5G57010	0	1	0	1
AT5G57015	0	1	0	1
AT5G57330	0	1	0	1
AT5G57340	0	1	0	1
AT5G57410	0	1	0	1
AT5G57420	0	1	0	1
AT5G57590	0	1	0	1
AT5G57610	0	1	0	1
AT5G57655	0	1	0	1
AT5G57660	0	1	0	1
AT5G57670	0	1	0	1
AT5G57700	0	1	0	1
AT5G57780	1	1	1	1
AT5G57785	0	1	0	1
AT5G57790	0	1	0	1
AT5G57800	0	1	0	1
AT5G58005	0	1	0	1
AT5G58010	0	1	0	1
AT5G58070	0	1	0	1
AT5G58080	0	1	0	1
AT5G58090	0	1	0	1
AT5G58100	0	1	0	1
AT5G58310	1	0	1	1
AT5G58320	1	0	1	1
AT5G58430	0	1	0	1
AT5G58440	0	1	0	1
AT5G58450	0	1	0	1
AT5G58460	0	1	0	1
AT5G58465	0	1	0	1
AT5G58520	0	1	0	1
AT5G58530	0	1	1	1
AT5G58600	1	1	0	1
AT5G58610	0	1	0	1
AT5G58620	0	1	0	1
AT5G58650	1	1	1	1
AT5G58660	1	1	1	1
AT5G58760	0	1	0	1
AT5G58770	0	1	0	1
AT5G58890	0	1	0	1
AT5G58900	0	1	0	1
AT5G58910	0	1	0	1
AT5G59010	0	1	0	1
AT5G59020	0	1	1	1
AT5G59220	1	1	0	1
AT5G59230	1	1	0	1
AT5G59350	0	1	0	1
AT5G59360	0	1	0	1
AT5G59420	0	1	0	1
AT5G59430	0	1	0	1
AT5G59480	1	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G59490	0	1	0	1
AT5G59505	0	1	1	1
AT5G59510	0	1	1	1
AT5G59540	0	1	0	1
AT5G59550	0	1	0	1
AT5G59560	0	1	0	1
AT5G59730	0	1	0	1
AT5G59740	0	1	0	1
AT5G59790	1	0	1	1
AT5G59810	0	1	0	1
AT5G59820	0	1	0	1
AT5G59870	0	1	0	1
AT5G59880	0	1	0	1
AT5G60010	0	1	0	1
AT5G60022	0	1	0	1
AT5G60190	0	1	0	1
AT5G60200	0	1	0	1
AT5G60290	0	1	0	1
AT5G60300	0	1	0	1
AT5G60408	0	1	0	1
AT5G60410	0	1	0	1
AT5G60450	0	1	0	1
AT5G60460	0	1	0	1
AT5G60670	1	1	1	1
AT5G60680	1	1	1	1
AT5G60690	0	1	0	1
AT5G60750	0	1	0	1
AT5G60760	0	1	0	1
AT5G60840	1	1	1	1
AT5G60850	1	1	0	1
AT5G60860	0	1	1	1
AT5G60880	0	1	1	1
AT5G60890	0	1	1	1
AT5G61270	0	1	0	1
AT5G61280	0	1	0	1
AT5G61430	0	1	0	1
AT5G61440	0	1	0	1
AT5G61445	0	1	0	1
AT5G61450	0	1	0	1
AT5G61510	0	1	0	1
AT5G61520	0	0	1	1
AT5G61530	0	0	1	1
AT5G61560	0	1	0	1
AT5G61570	0	1	0	1
AT5G61660	0	1	1	1
AT5G61670	0	1	1	1
AT5G61790	0	1	0	1
AT5G61800	0	1	0	1
AT5G61820	0	1	0	1
AT5G61830	0	1	0	1
AT5G61850	0	1	0	1

Appendix Table S4

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G61960	1	1	0	1
AT5G61970	1	1	0	1
AT5G61990	0	1	0	1
AT5G61997	0	1	1	1
AT5G62000	1	0	0	1
AT5G62170	0	1	0	1
AT5G62180	0	1	0	1
AT5G62220	0	1	1	1
AT5G62230	0	1	0	1
AT5G62270	0	1	0	1
AT5G62280	0	1	0	1
AT5G62290	0	1	1	1
AT5G62340	0	1	0	1
AT5G62350	0	1	1	1
AT5G62360	0	1	0	1
AT5G62370	0	1	0	1
AT5G62380	0	1	0	1
AT5G62400	0	1	0	1
AT5G62460	0	0	1	1
AT5G62500	1	0	0	1
AT5G62660	1	1	1	1
AT5G62670	1	1	1	1
AT5G62860	0	1	0	1
AT5G62880	0	1	0	1
AT5G63040	0	1	0	1
AT5G63050	0	1	0	1
AT5G63350	0	1	0	1
AT5G63370	0	1	0	1
AT5G63450	0	1	0	1
AT5G63490	0	1	0	1
AT5G63500	0	1	0	1
AT5G63520	1	1	0	1
AT5G63530	1	1	0	1
AT5G63540	0	1	0	1
AT5G63620	0	1	0	1
AT5G63650	1	1	0	1
AT5G63660	1	1	0	1
AT5G63790	1	0	0	1
AT5G63800	1	1	0	1
AT5G63810	0	1	0	1
AT5G63970	1	0	0	1
AT5G63980	1	0	0	1
AT5G64210	1	1	1	1
AT5G64220	1	1	1	1
AT5G64250	1	1	0	1
AT5G64260	1	1	1	1
AT5G64290	0	1	0	1
AT5G64300	0	1	0	1
AT5G64310	1	1	0	1
AT5G64340	0	1	0	1
AT5G64341	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G64342	0	1	0	1
AT5G64343	0	1	0	1
AT5G64410	0	1	0	1
AT5G64430	0	1	0	1
AT5G64440	0	1	0	1
AT5G64530	1	0	0	1
AT5G64610	0	1	0	1
AT5G64620	0	1	0	1
AT5G64650	0	1	0	1
AT5G64660	0	1	0	1
AT5G64740	0	1	0	1
AT5G64750	0	1	1	1
AT5G64800	0	1	0	1
AT5G64810	0	1	0	1
AT5G64860	0	1	0	1
AT5G64870	0	1	0	1
AT5G65140	0	1	0	1
AT5G65158	0	1	0	1
AT5G65280	0	1	0	1
AT5G65290	0	1	0	1
AT5G65300	1	1	1	1
AT5G65305	1	1	0	1
AT5G65310	0	1	0	1
AT5G65320	0	1	0	1
AT5G65340	0	1	0	1
AT5G65350	0	1	0	1
AT5G65380	0	1	0	1
AT5G65390	0	1	1	1
AT5G65400	0	1	1	1
AT5G65430	0	1	0	1
AT5G65440	0	1	0	1
AT5G65460	1	1	0	1
AT5G65470	1	1	1	1
AT5G65630	0	1	0	1
AT5G65640	1	1	0	1
AT5G65650	0	1	0	1
AT5G65660	0	1	0	1
AT5G65670	0	1	1	1
AT5G65683	0	1	0	1
AT5G65690	0	1	0	1
AT5G65700	0	1	0	1
AT5G65710	0	1	0	1
AT5G65790	0	1	0	1
AT5G65800	0	1	1	1
AT5G65810	0	1	0	1
AT5G65890	0	1	0	1
AT5G65920	0	1	0	1
AT5G65925	0	1	0	1
AT5G65980	0	1	0	1
AT5G65990	0	1	0	1
AT5G66050	0	1	0	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G66052	0	1	0	1
AT5G66080	0	1	1	1
AT5G66090	0	1	1	1
AT5G66100	0	1	0	1
AT5G66110	0	1	0	1
AT5G66120	0	1	0	1
AT5G66130	0	1	0	1
AT5G66160	0	1	0	1
AT5G66210	0	0	1	1
AT5G66211	0	1	1	1
AT5G66230	0	1	0	1
AT5G66240	0	1	0	1
AT5G66290	0	1	0	1
AT5G66300	0	1	0	1
AT5G66310	0	1	1	1
AT5G66320	1	1	0	1
AT5G66330	0	1	0	1
AT5G66340	0	1	0	1
AT5G66460	0	1	0	1
AT5G66470	0	1	0	1
AT5G66568	0	1	0	1
AT5G66570	0	1	0	1
AT5G66580	1	1	1	1
AT5G66590	1	1	1	1
AT5G66631	0	1	1	1
AT5G66640	0	1	1	1
AT5G66675	0	0	1	1
AT5G66690	0	1	0	1
AT5G66700	1	1	0	1
AT5G66755	0	1	0	1
AT5G66760	0	1	0	1
AT5G66870	0	1	0	1
AT5G66880	0	1	0	1
AT5G66910	0	1	0	1
AT5G66920	0	1	0	1
AT5G67020	0	1	0	1
AT5G67030	0	1	0	1
AT5G67050	0	1	0	1
AT5G67060	0	1	0	1
AT5G67180	0	1	0	1
AT5G67190	0	1	1	1
AT5G67290	0	1	1	1
AT5G67300	0	1	1	1
AT5G67310	0	1	0	1
AT5G67360	0	1	1	1
AT5G67370	0	1	0	1
AT5G67385	0	1	0	1
AT5G67390	0	1	0	1
AT5G67400	0	1	0	1
AT5G67411	1	1	1	1
AT5G67420	0	1	1	1

Name	PIF3_target	PIF4_target	PIF5_target	PIF_target
AT5G67470	0	1	0	1
AT5G67480	0	1	0	1

Appendix Table S5. List of primers used in this study.

Primer Name	Sequence
Cloning	
BES1topof	CACCATGACGTCTGACGGAGCAAC
BES1-R	ACCCGGGCAACTATGAGCTTTACCATTTCC
PIF4YFPf	CACCATGGAACACCAAGGTTGG
PIF4YFPr	TCCGTGGTCCAAACGAGAACCGTC
APBPIF4r	GCTCTAGAGGCCACAAAAGGAAGAGTAG
PIF4sinAPBf	CACCATGCTTGAAGATCAAGAAACTGTC
AtPIF4Del3f	CACCGGATCAAACCGAAGGAGTCG
AtPIF4Del4f	CACCGTGATGTGGATGGGGAGTGG
BES1DEL2f	CACCATGGCTGGATCATCTTCTCGAGC
BES1del3r	CAAAGAAGTCATTGACTGTTTAGC
BES1del4f	CACCATGGCTGCTAAACAGTCAATG
BES1delNr	AGCCATGTCACCAGGTAGAG
EMSA	
BiotF	GATCCTCTCGCGTAC
BiotR	TACGCATACGCTACG
pDWF4Fragment	GATCCTCTCGCGTACATACTAGCTACGTGCGCCACTAGATCGTAGCGTATGCGTA
pPIL1Fragment	GATCCTCTCGCGTACTCTTTCCGCTCACGTGGGCCTTTTGCGTAGCGTATGCGTA
pPRE5Fragment	GATCCTCTCGCGTACTCAAGGTCATCACATGGTATTGCCTCGTAGCGTATGCGTA
PBM	
BES.COLA.2F	CCATAGCTCATGAAAATCGAAG
BES.COLA.2R	CTCAAGGCGATTAAGTTGGGTA
PIF4-1F	TCATATGGAACACCAAGGTTGGAGTTTTGAGGAGAATTATAGTTTGT
PIF4-1R	AGAATTCAAGCCTCCCCCGCCTCCGTGGTCCAAACGAGAACC
PIF4.COLA.2F	TAATACGACTCACTATAGGG
PIF4.COLA.2R	CGATCCTAGGCAGCAGCCAACTCA
qPCR	
PP2A-F	TAACGTGGCCAAAATGATGC
PP2A-R	GTTCTCCACAACCGCTTGGT
XTR7-F	TGGCGACTGTTCTTCTTGTG
XTR7-R	TCCTCCGTTGAAGATTTTGC
PRE5-F	TGCTTCGAGGATCTCCGATGACCA
PRE5-R	GCCGTTCGTGAATCTCCGGCA
IAA19-F	GAGCTGAGATTGGGGCTTC
IAA19-R	CCGACGACGTCATATTCATCT
CPD-F	CACCACTTACCGCAAAGCCA
CPD-R	AATCCATCATCCGCCGCAAG
DWF4-F	CGACGTGGGGAAACAACTAC
DWF4-R	CTGAACCAGCACATAGCCTTG
Br6ox2-F	GACCTGACGAACCGCTCAC

Br6ox2-R	GAAGGAAGCTTGAGACTTCCG
BES-F	GAACCTGTTATGTCATGTCGG
BES-R	CTCACTGGTACAATGAATATCG
BZR1-F	CAACTAGGCAAACCCAAATGG
BZR1-R	CATGGAGAAGGCTTTGGGCAG
qGFP-F	GTCCGCCCTGAGCAAAGA
qGFP-R	TCCAGCAGGACCATGTGATC
BES1-S-qPCR-F	AGCACTAACTTCTCACTCATTCTTC
BES1-S-qPCR-R	CGTCATCTTCTTCCTTCAACTCTC
BES1-L-qPCR-F	CGAAACCACACTGTAAGTTACG
BES1-L-qPCR-R	AAGCAAAAAGAATTCACCGTT
Luciferase assay	
pPIL1-1F	CACCGTGGTCTCATGAGTTCAGGCG
pPIL1-1R	TTGAAGTAAACTGAACAAAGC
pDWF4-F	CACCGAATTACCGGTTGTTATGTAAATATAG
pDWF4-R	TGGAGCTAGTTTCTCTCTCTCTCACT