Table S1 list of Growth regulator genes

AT codes	Type	Name
AT1G01160	IYG	GIF2
AT1G07640	IYG	OBP2
AT1G13710	IYG	CYP78A5
AT1G15690	IYG	ATAVP3
AT1G19270	IYG	DA1
AT1G21700	IYG	ATSWI3C
AT1G26770	IYG	AT-EXP10
AT1G30210	IYG	ATTCP24
AT1G32310	IYG	SAMBA
AT1G50030	IYG	TOR
AT1G53230	IYG	TCP3
AT1G56010	IYG	anac021
AT1G59640	IYG	BPE
AT1G69970	IYG	CLE26
AT1G75240	IYG-GR	AtHB33
AT2G18290	IYG	APC10
AT2G22840	IYG-GR	AtGRF1
AT2G31070	IYG	TCP10
AT2G33150	IYG	KAT2
AT2G37640	IYG	ATEXP3
AT2G41230	IYG	ORS1
AT2G44080	IYG	ARL
AT2G45400	IYG	BEN1
AT2G46020	IYG	ATBRM
AT3G13065	IYG	SRF4
AT3G13960	IYG-GR	AtGRF5
AT3G15030	IYG-GR	MEE35
AT3G50660	IYG	CLM
AT3G51800	IYG	ATEBP1
AT3G59900	IYG	ARGOS
AT3G63530	IYG	BB
AT4G00850	IYG	GIF3
AT4G08950	IYG	EXO
AT4G13940	IYG	ATSAHH1
AT4G14713	IYG	PPD1
AT4G17490	IYG-GR	ATERF6
AT4G23713	IYG	JAW
AT4G25420	IYG	AT2301
AT4G29040	IYG	RPT2a
AT4G32551	IYG	LUG

AT4G36930	IYG	SPT
AT4G37740	IYG-GR	AtGRF2
AT4G37750	IYG-GR	ANT
AT4G39400	IYG	ATBRI1
AT4G40060	IYG	ATHB-16
AT5G07310	IYG	-
AT5G08790	IYG	anac081
AT5G10510	IYG	AIL6
AT5G13060	IYG	ABAP1
AT5G18010	IYG	SAUR19
AT5G28640	IYG-GR	AN3
AT5G47230	IYG	ATERF-5
AT5G53290	IYG	CRF3
AT5G57390	IYG	AIL5
AT5G58220	IYG	TTL
AT5G62000	IYG	ARF1-BP
AT5G65510	IYG	AIL7
AT1G04020	GR	ATBARD1
AT1G04240	GR	IAA3
AT1G04250	GR	AXR3
AT1G08540	GR	ABC1
AT1G09250	GR	AIF4
AT1G10470	GR	ARR4
AT1G11850	GR	-
AT1G13400	GR	JGL
AT1G14410	GR	ATWHY1
AT1G14510	GR	AL7
AT1G19850	GR	ARF5
AT1G22510	GR	-
AT1G22590	GR	AGL87
AT1G28360	GR	ATERF12
AT1G30490	GR	ATHB9
AT1G32640	GR	ATMYC2
AT1G34310	GR	ARF12
AT1G63100	GR	-
AT1G68480	GR	JAG
AT1G68640	GR	PAN
AT1G79430	GR	APL
AT2G18280	GR	AtTLP2
AT2G21650	GR	ATRL2
AT2G22770	GR	NAI1
AT2G24790	GR	ATCOL3
AT2G27050	GR	AtEIL1
AT2G31730	GR	-
AT2G33810	GR	SPL3

AT2G36080	GR	ABS2
AT2G36400	GR	AtGRF3
AT2G38560	GR	TFIIS
AT2G42680	GR	ATMBF1A
AT2G43010	GR	PIF4
AT2G44940	GR	-
AT2G45190	GR	AFO
AT2G45660	GR	AGL20
AT2G46830	GR	CCA1
AT3G01330	GR	DEL3
AT3G04730	GR	IAA16
AT3G09600	GR	LCL5
AT3G13040	GR	-
AT3G15540	GR	IAA19
AT3G16870	GR	GATA17
AT3G23050	GR	AXR2
AT3G24140	GR	FMA
AT3G28910	GR	ATMYB30
AT3G44750	GR	ATHD2A
AT3G47500	GR	CDF3
AT3G50410	GR	OBP1
AT3G50750	GR	BEH1
AT3G56980	GR	BHLH039
AT3G57040	GR	ARR9
AT4G00480	GR	ATMYC1
AT4G01720	GR	AtWRKY47
AT4G14540	GR	NF-YB3
AT4G14720	GR	PPD2
AT4G23800	GR	3XHMG-BOX2
AT4G24540	GR	AGL24
AT4G25470	GR	ATCBF2
AT4G25480	GR	ATCBF3
AT4G29030	GR	-
AT4G31805	GR	POLAR
AT4G34590	GR	ATB2
AT4G36540	GR	BEE2
AT4G36920	GR	AP2
AT4G37610	GR	BT5
AT5G04150	GR	BHLH101
AT5G08330	GR	ATTCP11
AT5G11060	GR	KNAT4
AT5G11260	GR	HY5
AT5G14520	GR	-
AT5G15850	GR	ATCOL1
AT5G17300	GR	RVE1

AT5G24120	GR	ATSIG5
AT5G39860	GR	BHLH136
AT5G44210	GR	ATERF-9
AT5G46690	GR	bHLH071
AT5G47220	GR	ATERF-2
AT5G47610	GR	-
AT5G49450	GR	AtbZIP1
AT5G51190	GR	-
AT5G51910	GR	-
AT5G53200	GR	TRY
AT5G53210	GR	SPCH
AT5G56860	GR	GATA21
AT5G57180	GR	CIA2
AT5G60850	GR	OBP4
AT5G61590	GR	-
AT5G65410	GR	ATHB25
AT5G67110	GR	ALC

Note: Growth Regulatory genes are marked by a green color background. Blank background shows predicted genes.

Table S2 Meta Ranking

Gene symbol (GR genes are indicated in green)	Score	Description (for novel genes)
AFO	584	
ARF5	581	
ANT	573	
AIL5	568	
PAN	544	
AtCCA1	534	
AN3	527	
ATMYC1	521	
AP2	510	
CRF1	509	encodes a member of the ERF (ethylene response factor) subfamily B-5 of ERF/AP2 transcription factor family. The protein contains one AP2 domain. There are 7 members in this subfamily. Also named as CRF1 (cytokinin response factor 1).
ATGLK1	509	
ATHB25	495	
AGL7	486	Floral homeotic gene encoding a MADS domain protein homologous to SRF transcription factors. Specifies floral meristem and sepal identity. Required for the transcriptional activation of AGAMOUS. Interacts with LEAFY.Binds to promoter and regulates the expression of flowering time genes SVP, SOC1 and AGL24.
CYP78A5	484	
GATA21	478	
CRF3	478	
AtPIF4	473	
AtGRF2	469	
AXR2	453	
JAG	450	
AtEGL3	448	Mutant has reduced trichomes, anthocyanin, and seed coat mucilage and abnormally patterned stomates. Encodes a bHLH Transcription Factor 1. The protein is functionally redundant with GL3 and TT8 and interacts with TTG1, the myb proteins GL1, PAP1 and 2, CPC and TRY, and it will form heterodimers with GL3. Expression in N (non-hair cell forming) cell layers is negatively regulated by WER. Expression in H cells (hair cell forming) is promoted by CPC/TRY.
HY5	438	
RDO2	436	Encodes RNA polymerase II transcript elongation factor TFIIS. Complements yeast TFIIS mutation. Mutant plants display essentially normal development, but they flower slightly earlier than the wild type and show clearly reduced seed dormancy.
AtHB33	431	
OBP2	430	
RVE1	421	
ZFP8	419	Encodes a zinc finger protein containing only a single zinc finger.
ATMYC2	409	
FMA	404	
TCP3	388	
RPT2a	388	
TOR	384	
RGA	381	Member of the VHIID/DELLA regulatory family. Contains homopolymeric serine and threonine residues, a putative nuclear localization signal, leucine heptad repeats, and an LXXLL motif. Putative transcriptional regulator repressing the gibberellin response and integration of phytohormone signalling. DELLAs repress cell proliferation and expansion that drives plant growth. The protein undergoes degradation in response to GA via the 26S proteasome. RGA1 binds to PIF3 and inhibits its DNA binding activity and thus affects the expression of PIF3 regulated genes. RGA may be involved in reducing ROS accumulation in response to stress by up-regulating the transcription of superoxide dismutases. Represses GA-induced vegetative growth and floral initiation. Rapidly degraded in response to GA. Involved in fruit and flower development.
AtTCP15	379	AtTCP15 is involved in the regulation of endoreduplication.
ATICE1	378	Encodes a MYC-like bHLH transcriptional activator that binds specifically to the MYC recognition sequences in the CBF3 promoter. Mutants are defective in cold-regulated gene expression. Cold stress triggers protein degradation of nuclear GFPICE1 protein, and the RING finger protein HOS1 is required. Sumoylation of ICE1 controls CBF3/DREB1A expression and freezing tolerance.
AtGRF3	375	
ALC	371	
JGL	370	

Gene	Score	Description
YAB3	363	YABBY gene family member, likely has transcription factor activity, involved in specifying abaxial cell fate. Along with FIL, involved in patterning of the fruit. GUS reporter gene expression in seedlings is observed in the young leaves and as the leaf matures, expression is restricted to the abaxial tissues of leaves, expression is also observed on either side of the leaf margin in the younger tissues of leaf blades.
BEE2	353	
anac081	350	
TCP10	344	
LUG	336	
AIL6	333	
SPCH	332	
ATB2	329	Encodes ATB2.
ARF1-BP	329	
LHW	319	Encodes a nuclear-localized transcriptional activator with weak sequence similarity to basic helix-loop-helix(bHLH)-domain proteins. It promotes the production of stele cells in root meristems and is required to establish and maintain the normal vascular cell number and pattern in primary and lateral roots.
AtbZIP1	318	
BLH3	315	BEL1-like homeodomain 3 (BLH3)
AS1	313	Encodes a MYB-domain protein involved in specification of the leaf proximodistal axis. Mutation results in lobed and dissected leaves with a characteristic asymmetry. Homologous to the Antirrhinum PHANTASTICA (PHAN) and maize ROUGH SHEATH2 (RS2) genes Asymmetric placement of auxin response at the distal leaf tip precedes visible asymmetric leaf growth. Acts alongside AXR1 to exclude BP expression in leaves and with PIN1 to repress BP and promote lateral organ growth. Interacts physically with AS2 to form a complex that binds to the BP promoter and silences BP. Also functions as a regulator of the plant immune response.
AGL20	312	
IAA2	310	auxin inducible gene expressed in the nucleus
PIF1	306	Encodes a novel Myc-related bHLH transcription factor that has transcriptional activation activity in the dark. It is a key negative regulator of phytochrome-mediated seed germination and acts by inhibiting chlorophyll biosynthesis, light-mediated suppression of hypocotyl elongation and far-red light-mediated suppression of seed germination, and promoting negative gravitropism in hypocotyls. Light reduces this activity in a phy-dependent manner. The protein preferentially interacts with the Pfr forms of Phytochrome A (PhyA) and Phytochrome B (PhyB), is physically associated with APRR1/TOC1 and is degraded in red (R) and far-red (FR) light through the ubiquitin (ub)-26S proteasome pathway to optimize photomorphogenic development in Arabidopsis. It also negatively regulates GA3 oxidase expression.
ATHB-14	303	Dominant PHB mutations cause transformation of abaxial leaf fates into adaxial leaf fates. Encodes a member of HD-Zip family which contains homeodomain-leucine zipper domains and domain similar to a mammalian sterol binding domain. Has overlapping functions with PHAVOLUTA, REVOLUTA and CORONA.
AT1G61660	302	basic helix-loop-helix (bHLH) DNA-binding superfamily protein; FUNCTIONS IN: DNA binding, sequence-specific DNA binding transcription factor activity; INVOLVED IN: regulation of transcription; LOCATED IN: nucleus; EXPRESSED IN: 22 plant structures; EXPRESSED DURING: 13 growth stages; CONTAINS InterPro DOMAIN/s: Helix-loop-helix DNA-binding domain (InterPro:IPR001092), Helix-loop-helix DNA-binding (InterPro:IPR011598); BEST Arabidopsis thaliana protein match is: basic helix-loop-helix (bHLH) DNA-binding superfamily protein (TAIR:AT3G20640.1)
BEN1	301	
AGL22	301	Encodes a nuclear protein that acts as a floral repressor and that functions within the thermosensory pathway. SVP represses FT expression via direct binding to the vCArG III motif in the FT promoter.
BEL1	298	Homeodomain protein required for ovule identity.Loss of function mutations show homeotic conversion of integuments to carpels.Forms heterodimers with STM and KNAT1. Interacts with AG-SEP heterodimers is thought to restrict WUS expression. BEL interacts with MADS box dimers composed of SEP1(or SEP3) and AG, SHP1, SHP2 and STK. The interaction of BEL1 with AG-SEP3 is required for proper integument development and specification of integument identity.
LHY	298	LHY encodes a myb-related putative transcription factor involved in circadian rhythm along with another myb transcription factor CCA1
PIF5	294	Encodes a novel Myc-related bHLH transcription factor, which physically associated with APRR1/TOC1 and is a member of PIF3 transcription factor family. Involved in shade avoidance. Functions as negative regulator of PhyB. Protein levels are modulated by phytochrome B.
ATMKK2	285	encodes a MAP kinase kinase 2 that regulates MPK6 and MPK4 in response to cold and salt stresses. Co-expression with MEKK1 in protoplasts activated MKK2 activity, suggesting that MEKK1 may be a regulator of MKK2.
HBI1	284	basic helix-loop-helix (bHLH) DNA-binding superfamily protein; FUNCTIONS IN: sequence-specific DNA binding transcription factor activity; INVOLVED IN: response to cytokinin stimulus, regulation of transcription; LOCATED IN: nucleus; EXPRESSED IN: 13 plant structures; EXPRESSED DURING: 8 growth stages; CONTAINS InterPro DOMAIN/s: Helix-loop-helix DNA-binding domain (InterPro:IPR001092), Helix-loop-helix DNA-binding (InterPro:IPR011598); BEST Arabidopsis thaliana protein match is: BR enhanced expression 2 (TAIR:AT4G36540.1).
OBP4	281	
DDL	279	Encodes a nuclear localized FHA (forhkead) domain containing protein.Mutant plants have shortened roots, delayed flowering time, altered floral organ number, defective floral organs and reduced fertility.Ddl mutants also show reduced levels of pri-miRNAs as well as mature miRNAs suggesting involvement in biogenesis of miRNAs. DDL does not affect transcription of miRNAs directly but may act through other proteins such as DCL.
IAA16	276	
OBP1	272	
AT5G51190	268	encodes a member of the ERF (ethylene response factor) subfamily B-3 of ERF/AP2 transcription factor family. The protein contains one AP2 domain. There are 18 members in this subfamily including ATERF-1, ATERF-2, AND ATERF-5.
AtMYB108	263	
BZR1	263	Encodes a positive regulator of the brassinosteroid (BR) signalling pathway that mediates both downstream BR responses

		and negative feedback regulation of BR biosynthesis. There is evidence for phosphorylation-dependent nucleocytoplasmic shuttling of BZR1. GSK3-like kinases (including BIN2), 14-3-3 proteins, and the phosphatase BSU1 seem to participate in this process. Phosphorylation also appears to affect BZR1's transcriptional activities.
BHLH136	260	
AT5G66940	260	Dof-type zinc finger DNA-binding family protein; CONTAINS InterPro DOMAIN/s: Zinc finger, Dof-type (InterPro:IPR003851); BEST Arabidopsis thaliana protein match is: OBF binding protein 1 (OBP1, TAIR:AT3G50410.1)
NF-YB3	254	
LFY	251	Encodes transcriptional regulator that promotes the transition to flowering.Involved in floral meristem development. LFY is involved in the regulation of AP3 expression, and appears to bring the F-box protein UFO to the AP3 promoter. Amino acids 46-120 define a protein domain that mediates self-interaction.
ER	248	Homologous to receptor protein kinases. Involved in specification of organs originating from the shoot apical meristem. Contains a cytoplasmic protein kinase catalytic domain, a transmembrane region, and an extracellular leucine-rich repeat. ER has been identified as a quantitative trait locus for transpiration efficiency by influencing epidermal and mesophyll development, stomatal density and porosity of leaves. It has been implicated in resistance to the bacterium Ralstonia solanacearum and to the necrotrophic fungus Plectosphaerella cucumerina. Together with ERL1 and ERL2, ER governs the initial decision of protodermal cells to either divide proliferatively to produce pavement cells or divide asymmetrically to generate stomatal complexes.
AGL24	245	
LCL5	243	
EDF4	241	Encodes an AP2/B3 domain transcription factor which is upregulated in response to low temperature. It contains a B3 DNA binding domain. It has circadian regulation and may function as a negative growth regulator.
ATHB-2	235	Encodes a homeodomain-leucine zipper protein that is rapidly and strongly induced by changes in the ratio of red to far-red light. It is also involved in cell expansion and cell proliferation and in the response to auxin.
TOE3	233	target of early activation tagged (EAT) 3 (TOE3); CONTAINS InterPro DOMAIN/s: DNA-binding, integrase-type (InterPro:IPR016177), Pathogenesis-related transcriptional factor/ERF, DNA-binding (InterPro:IPR001471); BEST Arabidopsis thaliana protein match is: Integrase-type DNA-binding superfamily protein (TAIR:AT4G36920.2)
IAA3	228	
AGL9	225	Member of the MADs box transcription factor family. SEP3 is redundant with SEP1 and 2. Flowers of SEP1/2/3 triple mutants show a conversion of petals and stamens to sepals.SEP3 forms heterotetrameric complexes with other MADS box family members and binds to the CArG box motif.
ATERF-2	224	
ROXY1	221	Roxy1 encodes a glutaredoxin belonging to a subgroup specific to higher plants. It is required for proper petal initiation and organogenesis. It is likely to function in the temporal and spatial expression regulation of AGAMOUS in the first and second whorl. It's function is dependent on the Cysteine 49 residue and its nuclear localization. ROXY1 interacts in vitro and in in vivo with members of the TGA family of transcription factors (e.g. TGA2, TGA3, TGA7 and PAN).
MEE35	221	
ATHD2A	216	
ARR4	211	
ARGOS	203	
ATBRI1	200	
ATHB-4	199	Encodes a homeodomain protein whose expression displays a dependence on phyB for both red and far-red light response. Also involved in the shade avoidance syndrome.
bHLH071	199	
GAI	197	Similar to a putative transcription factor and transcriptional coactivators. Repressor of GA responses and involved in gibberellic acid mediated signaling. Member of the DELLA proteins that restrain the cell proliferation and expansion that drives plant growth. The protein undergoes degradation in response to GA via the 26S proteasome. GAI may be involved in reducing ROS accumulation in response to stress by up-regulating the transcription of superoxide dismutases. Represses GA-induced vegetative growth and floral initiation. Rapidly degraded in response to GA.
MIR160	197	Encodes a microRNA that targets several ARF family members (ARF10, ARF16, ARF17). Hypomorphic mutants exhibit defects in embryo, vegetative and floral development.
AGD2	196	A member of ARF GAP domain (AGD), A thaliana has 15 members, grouped into four classes. AGD2 belongs to the class 1, together with AGD1, AGD3, and AGD4.
HD2C	196	HD2-type histone deacetylase HDAC. Involved in the ABA and stress responses. Mediates transcriptional repression
PLS	194	Encodes a 36 amino acid polypeptide that is necessary for correct responses to cytokinins and auxins, correct cell expansion in the root, and for vascular patterning in the leaf. Mutation of PLS results in an enhanced ethylene-response phenotype, defective auxin transport and homeostasis, and altered microtubule sensitivity to inhibitors.
AT5G25475	194	AP2/B3-like transcriptional factor family protein; FUNCTIONS IN: DNA binding; INVOLVED IN: regulation of transcription, DNA-dependent; LOCATED IN: chloroplast; EXPRESSED IN: 20 plant structures; EXPRESSED DURING: 9 growth stages; CONTAINS InterPro DOMAIN/s: Transcriptional factor B3 (InterPro:IPR003340); BEST Arabidopsis thaliana protein match is: AP2/B3-like transcriptional factor family protein (TAIR:AT5G25470.2).
IAA14	193	IAA14 is a member of the Aux/IAA protein family. Involved in lateral root development. Gain of function mutation decreases auxin-inducible gene expression. Protein is localized to the nucleus. Expressed in stele and root tip epidermis. Functions as a negative regulator of ARF7/19.
AT5G18030	191	SAUR-like auxin-responsive protein family ; CONTAINS InterPro DOMAIN/s: Auxin responsive SAUR protein (InterPro:IPR003676); BEST Arabidopsis thaliana protein match is: SAUR-like auxin-responsive protein family (TAIR:AT5G18020.1);
ABC1	189	

Table S3 Ranked lists of model-free methods

Rank	Degree	Betweenness	Klein	Closeness	Shared	Direct	Jaccard	Dice	ILW	Shortest path
1	ATICE1	AGL15	AtCBF5	ATS4	ATICE1	ATICE1	ATE1	ATE1	ATS4	ATGL1
2	ATCPSF30	AGL9	NOP56	ATX1	ANT	ATGL1	CPuORF31	CPuORF6	ATICE1	ATS4
3	ATS4	ATGL1	ATHD2A	IAA14	IAA14	IAA14	CPuORF6	CPuORF31	AtCBF5	PIF1
4	ATX1	GL3	ATS4	ATGL1	ATGL1	ANT	TPR3	LHW	HD2C	AT4G38840
5	IAA14	ATCPSF30	RPL16A	PIF1	ARF5	PIF1	AHP2	AHP2	IAA14	AT1G61660
6	AtLEC1	PIF1	ATFIB2	HEN2	ATMYC1	ATS4	AT2G47640	TPR3	NOP56	CRF3
7	AtCBF5	AtLEC1	AT3G05060	ANAC083	AT5G25475	HBI1	LHW	CPuORF11	AT3G05060	ATICE1
8	AP40	ATICE1	AT5G48760	ATCPSF30	AtHB33	ARF5	CPuORF11	AT2G47640	RPL16A	BEE2
9	RPL16A	ATS4	AP40	AtLEC1	PAN	ATMYC1	AtPMEAMT	ATHB21	AT5G48760	HBI1
10	AT5G48760	ABC33	AT5G07090	AtMYB28	AN3	AGL15	ATHB21	AT1G05440	ATFIB2	GH3.3
11	PIA1	ATX1	HD2C	CYP83A1	ATHB25	BEE2	AT3G48210	AtPMEAMT	ATHD2A	IAA14
12	ATFIB2	SCRL6	AT3G12860	AXR2	YAB3	AtEGL3	AT1G05440	AT3G48210	AP40	ANT
13	NOP56	DVL11	AT1G27400	PIA1	AtEGL3	PAN	NFD1	AT1G56500	AT3G12860	FD-GOGAT
14	ATSUMO1	ATHS83	AT1G67430	ATICE1	BEE2	AT5G25475	AT5G25580	ATPS1	ATPCNA2	AT1G62500
15	AT5G02870	ARF1-BP	AT3G11250	ATSUMO1	AN3	AT1G61660	ATPS1	AT5G33300	AT1G67430	CRF1
16	AT3G05060	LFY	AT5G02870	ATMYB29	HBI1	AT1G61660	AT5G33300	NFD1	AT5G07090	AT-EXP1
17	AT3G09200	AT5G03970	AT5G58420	AT-GT2	ATS4	AGL9	AT3G55605	AT5G25580	AT1G27400	APL
18	AT1G67430	ATCOP1	AT4G30800	AT3G49950	AT5G43020	AtHB33	AT3G03130	AT3G03130	AT3G11250	AT1G22690
19	AT3G12860	AT2G23070	AT3G09630	CCD4	ARAC7	CRF3	AT5G62290	AT3G56870	ATX1	AT1G29660
20	AT3G11250	AHDP	AT2G47610	ATT1	AT1G31310	AT1G62500	AT3G56870	AT5G62290	AT5G35530	PRK
21	AT5G07090	NF-YB4	AT5G35530	DELTA-TIP2	AtGRF2	YAB3	AT1G56500	AT2G21960	AT5G58420	AT-GTL1
22	AT5G35530	CAT4	AT4G12600	BEE2	CYC1	AT4G38840	AT1G48580	AT4G33130	AT5G02870	PnsL1
23	AT1G27400	CPC	AT2G37190	PMDH2	AT1G62500	ATMYB29	AT4G33130	AT3G55605	AT2G37190	ANAC083
24	AT5G58420	HOS10	ATHD2	AT-GTL1	AT1G61660	ATHB25	AT3G49890	AT3G44050	ATSUMO1	P1R1
25	AT3G09630	AT1G64410	RPS15AD	ATFIM1	AtGRF3	AT3G17100	CENH3	CENH3	AT4G30800	AtMYB28
26	RPSAb	IAA14	AT3G09200	CRF1	AT5G01910	GASA6	AT5G07810	AT5G07810	AT2G47610	SAUR63
27	ATPCNA2	AT3G24850	AT1G08360	UBC30	SKS1	ATGLK1	AT3G44050	AT1G48580	ATHD2	BBX14
28	AT1G72730	AT2G04230	AT1G52930	AT4G01330	AFO	FD-GOGAT	AT1G73940	POLD4	AT3G09200	CRR23
29	AT2G37190	ANAC023	AT2G40360	AHA3	AT5G03870	AT1G23000	POLD4	AT5G55520	AT2G40360	GASA6
30	AT2G47610	SHL1	AT3G52580	ICK6	AtTLP8	ARAC7	AT3G57060	AtCHUP1	ATTCP-1	AT2G21210
31	RPS15AD	LCR17	AT5G22440	ATPIP1	AT1G23000	AT1G22690	AT3G27520	AT3G57060	AT3G52580	AT3G23700
32	AT3G52580	AT2G37000	RPL24	OBP4	AT1G63100	AFO	AT3G54630	AT2G07170	AT1G08360	SBPASE
33	AT1G08360	AT3G07870	AT3G13580	CLEL 9	AT5G66940	AT1G31310	AT1G13030	AT4G31360	AT1G52930	ATMYC1
34	PIF1	IQD6	AT5G15200	GT72B1	CRF3	BBX14	ATMSH7	AT1G73940	RPS15AD	APE2
35	AT5G15200	AT3G23880	RPSAb	BEL1	CYCA2;4	AT-EXP1	AT3G05810	AT3G27520	AT3G09630	CLEL 9
36	AT3G53430	AT1G32030	AT4G34670	AT2G46220	IMK3	AT-EXP1	AT4G21820	AT3G54630	RPL24	AtMYB60
37	HEN2	AtMYB76	AT4G16720	CIPK20	AT3G17100	APL	KYP	AT3G49890	AT5G15200	AT1G13650
38	AT4G30800	TOPP7	AT4G13170	PIP2;6	ATMYB29	AXR2	AT5G44710	ATMSH7	AT5G20890	AtEGL3
39	AT4G34670	AGL82	AT5G20160	AGL15	ROXY1	CRF1	AT2G39795	RER1	ATPCNA1	ATHPR1
40	AT5G22440	AT1G47340	AT5G14520	AT4G19530	ORTH2	AtGRF2	AT5G64710	AT4G21820	AT4G34670	AT1G80380
41	AT5G20290	AT3G51530	AT3G53430	AT-RAB2	GASA6	ATX1	PSF2	DRP5A	G-H2AX	HEN2
42	RPL24	ARR22	AT3G10610	XIP1	AT4G31805	CLEL 9	EMB2811	CRR31	AT3G14600	NHL12
43	AT3G04840	ATMYB121	AT3G24830	ATBAG3	COBL1	CYCA2;4	AT2G07170	AT4G19400	AT5G22440	CBB3

44	AT1G06560	AT5G67000	AT3G14600	PYL7	ATGLK1	IAA2	RER1	AT5G60150	AT4G12600	ATMYB29
45	AT4G16720	ETP1	EMB1080	AT1G55200	ICK6	CYC1	AT5G60150	BIN5	AT5G06360	ATMYR1
46	AT2G34480	HY5	AT5G20290	IQD6	AT3G17160	AT5G43020	DRP5A	AT3G05810	AT5G20290	AtRbcX2
47	AT3G11510	TRY	AT3G60770	AT1G72180	ATPIN1	AT1G29270	AT5G06590	AT5G01910	AT3G13580	AT5G48790
48	HD2C	AT1G28040	AT3G04840	AtFBA5	RIP4	AT-GTL1	BIN5	KYP	AT4G16720	AXR1
49	AT2G36160	AT1G47470	AT1G18540	AT1G11410	AXR2	AT1G63100	AT1G75150	AT4G26660	AT1G72730	CRB
50	AT3G24830	AtMYB28	AT5G08180	ATMT3	AT1G29270	ATPIN1	AT5G55520	PSF2	AT3G24830	ATGSTU18
51	ATPCNA1	AT2G18780	ATPCNA2	AT5G02180	AT4G38840	AT2G29290	AT2G40660	AT1G75150	EMB1968	AT1G23000
52	AT3G13580	AT2G20110	AT2G01250	AT4G00750	BUBR1	AtGRF3	AT4G19400	AT4G14330	AT5G08180	AGL9
53	LOS1	AT2G05642	AT3G04920	AT4G00780	iqd8	PnsL1	WYR	AT1G29270	AT2G34480	PSAP
54	AT4G13170	AT1G68360	AT3G11510	CBB3	IAA2	COBL1	AT1G03830	AT5G06590	ATEIF3G1	AT3G17100
55	AtHsp90.2	ETP2	AT2G34480	CLPD	AT2G29290	NF-YB3	AT5G01910	AT5G03870	AT3G53430	DEG1
56	AtDBP1	AtMYB104	ATEIF3G1	ATCDPK9	AT5G55520	CRF2	AT4G31360	AT2G39795	AT5G14520	AT4G30410
57	AT3G14600	AT1G27000	AT2G36160	ATSPS4F	AT1G66250	AT4G30410	AT2G21960	WYR	AT2G36160	ATCAD7
58	OLI7	AT3G12180	G-H2AX	AT2G15580	APL	AT4G31805	AT3G62840	ATMSRB1	AT1G18540	AT5G25840
59	RPL10C	AT2G04000	AT2G44120	AT3G16850	NF-YB3	AT5G01910	AT3G17160	ATK1	RRP41	ATBETAFRUCT4
60	AT3G58700	AT2G12475	AT3G62870	AT4G02630	AT5G48360	AT5G03870	AtCHUP1	EMB2811	AT3G10610	LHCA2*1
61	ATRAN3	ASU1	RPL24A	RPL16A	AT1G55200	BEL1	AT4G26660	AT1G03830	AT3G04920	GDPDL1
62	RPL24A	AT5G35010	ATRPS13A	AT1G19000	AtAUR3	ICK6	AT5G27330	AT1G13030	AT2G01250	AT1G75460
63	EIF4A1	ATMYB29	ATBBC1	HD2C	ATWHY1	P1R1	AT2G05120	AT5G44710	AT2G44120	CRR3
64	AT3G07110	ATNPR1	RPL10B	AtSWEET11	AT1G21090	AT5G66940	AT5G03870	AT2G40660	ATBBC1	AT2G21185
65	ATTCP-1	AtMYB81	AT3G07110	AT2G35050	IMPA-6	AT1G05710	ATK1	AT3G17160	AT3G04820	AtTic55
66	EMB1080	ARP6	AT3G16780	AT1G52510	DRP5A	AtTLP8	AT4G27660	iqd8	EMB1080	LHW
67	AT1G79470	DD11	AT5G06360	AtCBF5	CYCA1;1	SAUR63	CRR31	AT1G10780	AT3G11510	AT2G34620
68	AT2G01250	AT3G49950	NSN1	ATMYR1	AT5G62710	CRR23	AT4G14330	AT5G64710	AT1G79470	SNZ
69	ATRPS13A	HEN2	RRP41	BGLU33	AT1G29450	HEN2	AT5G38690	ATHMT-2	RPSAb	AT3G19480
70	AT3G60770	AT1G05920	ATTCP-1	BBX14	BEL1	AT2G15580	KINESIN-12A	AT4G25320	AT1G64880	AT3G19800
71	ATARCA	LD	OLI7	JK224	CYCB2;1	GH3.3	AT3G52170	AtTLP8	ATRAN3	AXR2
72	AT2G40360	AtMYB64	AT3G04820	ATCCH1	AT1G22690	BUBR1	AtHaspin	EMB2795	AT1G24510	AT3G61080
73	RPL10B	AT5G13780	ARP1	AT4G13530	KINESIN-12A	AtMYB17	AT1G10780	AT5G38690	AtTRM11	ATT1
74	ARP1	LCR5	AT5G20890	ATWEE1	PnsL1	SKS1	AT4G25320	AT3G25570	NSN1	AT4G15545
75	RPS11-BETA	AT1G19000	AT4G15770	AT1G21090	AT2G15580	CBB3	iqd8	AT1G52870	AT3G04840	CCD4
76	AT2G41840	AT4G30840	RPS28	CYCB3;1	AT5G45780	ANAC083	AT2G11910	AT2G35490	ATRPS13A	PGR5-LIKE
77	AT2G44120	HDG4	ATEBP1	TBL25	ATHB51	ATMYR1	RPS2	AT1G69950	RPL24A	AtFBA5
78	AT3G04920	AT5G38500	RPS11-BETA	AT1G29660	AT1G05710	AT5G18600	AT5G47410	COBL1	AT3G60770	CYP709B3
79	AT3G62870	AT3G57980	AT2G17360	AT3G11930	CRF1	IMPA-6	ATHMT-2	AT2G46100	AT4G13170	PMDH2
80	ATBBC1	ATWRKY66	AtLa1	IAA16	AT2G38370	AtMYB60	POK1	AT3G55060	ATMSI1	AN3
81	AT2G17360	AT4G38070	EMB3010	ATBCA6	AT3G51280	AT1G60010	DECOY	AtHaspin	AT5G47210	AtPLR1
82	AT5G20890	LBD21	AT1G79470	AT5G03880	AT3G12870	SNZ	AT3G55060	ZCF125	AT5G20160	AT5G55620
83	ATMSI1	AT5G51380	AT3G58700	AT3G56080	AT5G18600	ROXY1	ATMND1	AT3G62840	AT5G20600	ATCEL2
84	ATEIF3G1	AT4G07515	ATARCA	AT3G26510	AT5G07810	IMK3	AT2G35490	MEE55	RPL10B	AT1G04350
85	RLK902	AT3G17100	AT5G47210	ATEXP8	FD-GOGAT	AT5G55620	emb1974	emb1974	ATARCA	AT1G18810
86	AT3G10610	SPL1	emb2386	GASA6	CLEL 9	ATCPSF30	AtTLP8	AtTic55	RPL10C	AT1G29270
87	OLI2	AT1G12630	RLK902	ATG8F	SNZ	RIP4	AT5G39600	AT5G51590	RLK902	PAN
88	ATHD2A	DOR	AT3G23620	ATPP2-A1	AT-EXP1	AT3G17160	AT1G29270	AT4G02920	PMDH2	AT1G69523
89	AT5G59850	AT2G31420	RPL10C	PPK1	ATX1	AT5G45780	AT3G25570	AT5G27330	AT3G62870	ATPIN1

90	AT4G12600	AT1G05540	AtTRM11	AT2G32150	AT1G60010	AtMYB28	AT4G05400	AT3G52170	AT3G07110	ATGLK1
91	RPL10	ATHAP3	AT2G37990	AT4G15545	AT2G43800	AXR3	EMB2795	KINESIN-12A	AtLa1	AT2G27290
92	AT3G57490	WIP4	AT4G15000	AT1G04350	ATTSO1	AtHB31	PDF2	AT2G22610	AT1G30580	AT3G16220
93	AT4G17390	AT5G43410	AT4G17390	AtMC3	BLH3	AT1G29450	AT2G22610	ATHPR1	AT2G18330	AT3G50270
94	ATTIP49A	AtHsp90.2	AT3G03920	SFP1	AT1G05440	PRK	AT5G48240	AT4G27660	AT3G58700	ACA1
95	AT5G26830	AT5G34960	AT2G44860	AT5G57040	AT4G14330	AT1G55200	AT4G32605	AT2G11910	RPS28	AtMYB17
96	RRP41	AP2	ATRPL23A	HTB1	ATROPGEF6	NHL12	ZCF125	POK1	AT3G60245	AT4G00750
97	EMB3010	AT4G34480	AT1G72730	AT1G54820	AT3G61210	AtAUR3	AT3G02820	AT2G05120	AT4G15770	AT4G18810
98	PMDH2	AT2G44210	ATSUMO1	PEX11D	CYCB1;4	AT3G07340	ATMSRB1	RPS2	OLI7	AT4G28030
99	EMB1968	AtEGL3	OLI2	ATPTR1	CRF2	LGO	CPuORF54	DECOY	ARP1	AT5G07020
100	G-H2AX	LCR72	AT2G41840	STN7	SAUR68	SBPASE	MEE55	AT1G51110	RPS11-BETA	AT5G18600
101	AT5G27850	AT3G13650	AT4G17520	AT1G31310	AT2G16270	AT3G61210	POLD3	AT4G05400	NRPB9B	AT5G45780
102	AT1G18540	ATSIZ1	AT1G64880	AtEGL3	BBX14	LHCA2*1	AT5G51590	IQD26	AT4G17520	OBP2
103	EMB2728	LCR24	AT2G20450	AtDBP1	ANP3	SAUR68	AT1G04900	ATMND1	AT5G27850	AT1G10380
104	RPS28	ARF12	RPL10	HBI1	AT3G27330	CYCA1;1	AT4G37090	AT1G61450	emb2386	AT1G11410
105	IMPA-6	AT1G66620	AT5G20600	AT3G11280	AT2G01210	ORTH2	IQD26	AT1G12250	EMB3010	ATPAP3
106	ATGL1	ATBRCA1	AT5G27850	AT2G27290	AT1G10780	AS2	AT1G07615	CHR24	AT3G16780	AOAT1
107	AT5G20160	AT5G12850	ATFBR1	AT3G01490	AT-GTL1	BLH3	AT3G63480	AT1G72250	OLI2	AT1G50730
108	AT1G30580	ATSUMO1	AT4G10450	ATYLMG1-2	AT3G03130	AT1G75460	AT1G51110	AT5G47410	AT5G15550	AT1G65230
109	AT5G26710	ATC/VIF1	AT2G32060	ATGH9A1	AT2G35310	AT2G28810	AT1G61450	COG0212	AT3G03920	AT1G75280
110	RACK1B	AT4G00780	ATPCNA1	ATSUC2	AT4G03100	AT2G38370	NFD6	AT4G22860	AT5G44320	ATCDSP32
111	AT5G14520	AT1G78930	AT5G16130	PFK1	ATNACK2	ATEXP8	CHR24	AT3G26450	ATRPL23A	AT-GT2
112	RPS15A	PIA1	PGY1	AT;CDKD;1	CRR23	AT3G23700	AT2G46100	OEC33	AT4G15000	APG2
113	AT5G26180	AT3G09140	AT5G59850	ARF5	AXR3	ASML1	AT3G26922	CPuORF54	RPL10	LTP
114	ATMYB29	AGL7	AT3G22230	LPR2	HTA13	AT4G19530	DEL3	AtTPX2	AT2G41840	AT2G15580
115	AT;CDKD;3	AT1G13470	AT3G57490	AT1G23130	AT2G20515	APE2	COBL1	AT4G32605	ATIMPALPHA3	FTSH2
116	AT1G48830	AG	AT1G48830	CAT2	ATMYR1	AT5G62710	AT1G26740	POLD3	AT3G49910	AtSEOR1
117	AT3G04820	GH3.5	AT5G15550	SHM1	AT3G06750	ATWHY1	AT1G21740	AT5G39600	AT2G17360	AT3G11780
118	RPL18	AP3	ATRAN3	AT1G75460	ZCF125	AT1G15260	SCI1	AT3G02820	AT2G37990	ATHST
119	AT1G72550	AT5G61890	AT5G59240	At-RS31	HD2C	AT1G21090	AT1G71850	BUBR1	BEE2	ATMT3
120	AT5G59240	AGL103	AT5G60670	ATCYSD2	IAA3	ATSUC2	CPuORF33	AT5G48240	IMPA-6	FIB4
121	AT5G08180	AT5G25475	AT3G49910	AT3G05060	ATTOPII	AT1G29660	ARP7	ACA1	AT3G23620	CYP71B35
122	RPL18AA	AMS	AT3G02560	AT2G25510	AT3G07340	AT1G66250	BUBR1	AT3G63480	ATRRP4	AT3G48420
123	PGY1	LCR10	AT3G16080	AT3G56060	HTA8	iqd8	AT1G72250	AT1G04900	HTA10	AT3G56060
124	BEE2	DRB1	LOS1	ATKUP9	AT4G21820	AT2G01210	APC6	AT1G11950	PPR596	CSP41A
125	PFL	AtPIF4	AT5G67510	UMAMIT47	SAUR63	AT2G21210	AT1G52870	AT5G38980	AT2G36930	AT4G02920
126	NRPB9B	BZIP49	AT3G60245	AT5G65840	AtMYB17	AT3G06750	AT1G69950	AT1G65230	AT5G52650	ATMSRB6
127	AT3G16780	AT5G42955	RPL23A	PSAP	AP2	DCF	AT5G50350	AT5G07020	AT5G56710	ATSPS4F
128	AT5G06360	AT1G72350	AT5G15520	AT1G72730	AT2G28810	ATRANGAP1	AT1G11950	CMT3	SNRNP-G	AT4G19830
129	AT5G44320	AJH1	SNRNP-G	BGAL6	AT5G51590	ATIMPALPHA3	AT1G77550	DEL3	ATMCM2	CRK21
130	AT4G15000	AT4G00130	AT5G23900	GAD2	AT2G38160	ATMSRB6	AT1G01940	AT4G33400	AT1G74270	ACD1-LIKE
131	AT2G18330	AT3G27330	AT1G30580	FIB4	TRM7	AT4G15545	AT4G31810	AT5G50350	AT4G17390	AGL15
132	AT1G52930	DDB1A	PFL	AtAUR3	AT2G36430	ATCAD7	AT1G22660	AT2G36130	AT3G44590	ADG2
133	AtLa1	anac089	RPL18	AT2G20515	AT4G30410	ATHB51	AT4G02920	AT4G37090	AT2G44860	AtCXE18
134	ATFBR1	ATPOB1	EIF2 BETA	AT3G61210	LGO	PMDH2	ATNACK2	AT1G21740	LOS1	ATGSL1
135	ATIMPALPHA3	ATGPA1	AT5G52650	AT4G38690	CYCD3	AT5G25840	CMT3	PDF2	AT2G32060	BEL1

136	NSN1	AGL41	RACK1B	AT1G80180	ATMCM2	AT5G59080	TOM5	NFD6	HTB1	ICK6
137	emb2386	AT2G27650	AT1G74270	ABR	AT5G15510	ATCEL2	AT5G18750	AT3G26922	AT3G03960	AT5G59080
138	AT1G74270	AT2G21655	AT5G56710	ATPC1	ATRANGAP1	CRB	AT5G51380	DEG1	AT5G16130	AtRIBA3
139	AT1G24510	HDG10	AT1G25260	ATFIB2	AtCHUP1	AT1G26920	AT3G14120	AT1G54520	ATTSO1	AtMC3
140	PAB8	AT4G10420	ATRRP4	PATL1	ASML1	AT1G29500	AT1G27435	AT1G26740	ATPRMT1A	ATKEA1
141	AT5G15520	AT5G07040	AT3G57000	ATIMPALPHA3	AT1G75460	AT1G54820	OEC33	AT1G01940	ATWHY2	AL7
142	AT4G10450	AGL86	AT5G44320	AGK2	AT3G23880	LHW	AT3G12340	SKS1	ATTIP49A	AT1G15260
143	HTA10	AT2G20350	AT3G58660	ACD1-LIKE	HTA10	AT2G35310	AT5G64680	AT5G18750	PFL	HCF173
144	AT3G49910	RGA	AT3G06700	AT2G36930	AT1G72250	AT3G27330	AT2G45870	AT5G22620	AT5G26830	AT1G16740
145	AT2G32060	AT1G76580	AT2G18330	AT3G17100	IAA30	AT3G50270	AT4G22860	ATNACK2	RPL34	AT1G22630
146	AT1G64880	AT5G42700	AT3G05560	AT5G59080	ANQ1	KINESIN-12A	AT3G18760	AT5G51380	AT2G20060	OHP2
147	AT5G15550	AT3G06220	AT3G47370	ATSOT18	AtHB31	CCD4	AT2G36130	AT4G31810	HTA8	ATHX
148	AT3G06700	AT1G35410	EIF4A1	ATMYB59	AT2G28790	ATSUMO1	AT2G44020	DML2	HTA13	AT1G52870
149	AT5G16130	RAE1	AT4G34555	AT1G71970	AT2G36200	AT4G28030	AtTOP3alpha	APC6	AT3G06700	ZKT
150	AT3G47370	AtDBP1	APUM24	AT3G50270	ATSUC2	ATGSL1	AT4G29390	TOM5	AT3G58660	AS2
151	AT4G20980	ATGLK1	AT2G36930	CRF3	AT3G06220	AT5G48360	AT1G11240	AT2G45870	AT1G48830	PSBY
152	AT5G60670	AT1G66650	ARS27A	ABIL4	AT5G48310	AT5G48790	ATORC6	UMAMIT47	AT5G59240	AT1G79600
153	ARS27A	AXR1	AT5G19300	ALB3	P1R1	AT5G51910	AT5G09840	AT1G69523	AT4G34555	AT2G20920
154	AT3G02560	AT2G35310	AT2G18220	J20	ATSUMO1	ATKEA1	AT5G07020	ARP7	AT3G57000	AT2G21960
155	AT5G47210	AGK2	AT3G44590	AtMYB60	AT5G55620	AXR1	DML2	AT1G07615	AT5G59850	AT2G23840
156	ATRPL23A	AT1G49900	RPS15A	AT1G75280	RIP2	OBP2	AT1G07830	SCI1	AT3G05560	AT2G29360
157	AHA3	ATICS1	ATMSI1	AT3G56050	LHCA2*1	ATBETAFRUCT4	AtTic55	AT1G71850	AT3G02560	ATX1
158	AT3G60245	ATHPCAT1	AT3G15460	LEA14	FKD1	AT1G18810	AT4G33400	AT1G63100	ATEBP1	AT2G42690
159	AT5G23900	EMB2728	NRPB9B	AT1G15740	AT3G20260	DRP5A	AT3G52040	AT1G22660	AT5G26710	AT2G46220
160	RPL23A2	AT3G62820	AT1G24510	AtXYP1	ATPP2-A1	ATBCA4	ATCAP-E1	AT1G10590	AT3G02190	AT3G01490
161	AT5G20600	AT4G28815	AT4G26230	AIRP2	MSI02	NDH-O	AT3G09700	AT4G19830	AT5G67510	AT3G07340
162	HTA13	anac086	RPS18C	CYP72A11	CYCB3;1	PPK1	ATHPR1	AT1G05950	AT5G19300	AT3G47510
163	AT3G22230	AT3G43100	AT3G02190	PIP1;5	ATBCA4	AT1G80380	AT1G10590	ATCAP-E1	RPS18C	DCF
164	AT5G46840	AGL20	IAA14	AT1G67870	AT3G53190	AT3G03130	COG0212	AT3G14890	ATPRMT3	AT3G50685
165	PPK1	anac071	ATICE1	AT3G11110	KINESIN-12B	ATRALF23	AT5G22620	AT1G16520	PGY1	ASML1
166	ATHD2	AT1G58055	EMB1968	AT3G27330	AT5G27290	AtCHUP1	AT1G54520	ATORC6	ARS27A	AT4G12980
167	ATEBP1	AT1G68240	AT3G02080	PTAC16	ATIMPALPHA3	ATNACK2	DEG1	AT1G77550	Hop1	CYP83A1
168	AT1G29310	ATMYC1	AT1G26880	AT2G44830	NdhN	TET3	AT1G65230	CPuORF33	AT3G22230	AT4G19530
169	AT2G36930	AT1G61730	AT1G72550	AT2G34480	AT1G80450	AT3G56060	ATMAP70-3	AT2G28620	AT3G16080	PSBQ
170	AT3G02080	RDO2	AT4G20980	GATA17	CYCD3;3	CSP41A	AT5G27395	FIB4	ATRNR1	PIP1;5
171	AT4G17520	ATPAP3	AT2G21580	ATRBL3	PPK1	AT4G17810	AT1G16520	PRK	AT2G18220	CRR31
172	AtTRM11	AT1G22670	ATFKBP53	AT3G53430	AT4G19530	AT5G07810	SKS1	AT3G14120	AT2G20450	AT4G31805
173	RPS18C	BEE2	AT3G12390	AT1G53560	AT4G15545	AT5G51590	NACA3	PGR5-LIKE A	AT1G72550	SHM1
174	AGK2	AtMYB50	AT4G02230	AT2G39850	AtLrgB	AtPLR1	AT1G63100	AT1G07170	AT5G15520	STN8
175	RACK1C	LBD8	AT1G75200	ATRPN1B	IQD6	NdhN	AT1G03180	AtTOP3alpha	ATFKBP53	AT5G03880
176	AtAUR3	ASL39	RPL34	AT2G24860	GH3.3	PSAD-2	UMAMIT47	AT1G11240	RPL23A2	ATCNGC2
177	SNRNP-G	AtTLP2	AT2G20060	AT5G16010	ATRALF23	IAA3	AT4G30840	AT5G11760	EIF4A1	AT5G35170
178	AT3G03960	ATRALF23	AT4G25740	AT3G11500	AT4G29360	ATPAP3	AT1G16740	AT3G18760	ATCPSF100	FTSH5
179	AT5G67510	AT1G28160	AT3G06680	PGK1	AT2G07170	ATEXP11	AT3G60660	AT1G06650	GATA17	AMK2
180	AT5G56710	DEP	AT4G02930	ATPAL3	IQD26	AT1G26540	AT2G37400	AT5G09840	RACK1B	AT5G57040
181	AT3G05560	AT5G18230	ATPRMT1A	CYP89	AT1G25510	GAPB	AT2G28620	ATCAF2	AT4G02930	OBP4

182	AT2G44860	ANAC083	AT5G26830	APE2	LBD21	ATHPR1	AT3G17030	AT3G10310	AT3G12390	TBL25
183	AT5G52650	AT5G22730	AT1G15930	AT3G20300	AT5G47600	AT;CDKD;1	AT1G80720	AT2G37400	AT1G52300	AT1G06650
184	AT5G22840	BBX14	AT4G29410	ATGPX1	SBPASE	LTP	AT5G11760	MSI02	RPL18	AT1G09310
185	AT2G20450	AT4G25210	PPR596	GAE6	ATEB1C	AT2G16270	AT2G25355	OHP2	AT5G60670	FMO GS-OX5
186	AT2G34250	AT4G03170	AT5G02450	AT4G02920	CBB3	UBC29	AT5G38980	AT1G80720	FD-GOGAT	NDF1
187	RPL34	CBNAC	AT3G11964	AT4G25210	GAPB	AT2G20515	ATWHY2	AT1G27435	ATFBR1	AT1G26540
188	Hop1	AT5G25840	AT1G80750	ATS6A.2	OBP1	IQD6	AtTPX2	PAT1	AT1G25260	GAPB
189	EIF2 BETA	AT1G18470	AT1G52300	LHCA2*1	CYCB2;4	AT2G28790	AT3G19120	AT3G52040	ATRANGAP1	AT1G51805
190	HTB1	AT5G42680	AT2G21440	TET3	AS2	AT2G36430	AT3G26450	AT3G01410	AT3G18190	AT1G52510
191	AT3G18190	AT3G42110	AT5G04600	PRK	AT4G02800	HTA8	AT1G24050	AT3G60660	APUM24	AtTLP18.3
192	AT3G02190	AT2G20280	PPAN	CSP41A	AT1G73630	AT2G44210	ATTOC120	AT5G64680	RPS15A	AT1G54820
193	ANAC083	AtDMP2	ATPRMT3	ATTOC120	AT4G17810	AT3G06220	AT1G05950	AT1G21065	MCM7	AT1G55200
194	AT1G15930	PPH1	RACK1C	AT4G25780	ATCEL2	AT3G12870	AT1G54850	AT3G06750	EIF2 BETA	AT1G62150
195	AT4G26230	AT;CDKD;1	AT3G03960	CYP72A13	ATPIN4	ATTSO1	ACA1	AT2G38370	ATRPAC14	AT1G64370
196	AT5G04600	DTA2	ATWHY2	ANT	ATPCNA2	AT3G23880	TON1	AT3G27110	HEN2	AtMYB20
197	AT3G23620	AT5G33200	AAC42	CRR23	DCF	CYCD3;3	AT5G10010	ATSOT17	AT5G23900	ATBCA4
198	GT72B1	SPCH	ATEIF3G2	AT1G03400	AtAUR2	IAA30	AT1G21065	AT1G75460	AT1G20580	AT1G73170
199	PPAN	ADR2	AT2G40430	ATRPA70C	NHL12	ATPP2-A1	AT3G14890	A/N-InvI	ATEIF3G2	COG0212
200	AT2G36170	ATSAHH1	AT1G50920	AALP	PRK	SHM1	PAT1	APG2	AT3G02530	AtFBA1

Table S3 Ranked lists of model-based methods

Rank	NaiveBayes	RF	GBM	SVM	LDA	Glmnet	Ens3
1	ATMPK11	AtEGL3	ARF5	ATBRI1	AFO	AFO	ARF5
2	ATCTL1	ATMYC1	ATICE1	AFO	CYP78A5	AP2	AFO
3	OE23	AtGRF2	ANT	ARF5	ATICE1	ARF5	ANT
4	OBP2	AN3	AtEGL3	TOR	MIR160	AGL7	PAN
5	CRB	HD2C	PAN	RDO2	AGD2	ANT	AIL5
6	ATMPK1	PAN	AT5G25475	HY5	RPT2a	PAN	AP2
7	EMB30	AT5G25475	PIF1	AIL6	PLS	AIL5	AGL7
8	AT1G15430	ARF5	AtHB33	RPT2a	AGL7	ATGLK1	ATGLK1
9	ABA3	ANT	ATGL1	ARF1-BP	AP2	AS1	AS1
10	ARP4	AT5G18030	ATMYC1	AIL5	ANT	FMA	AtCCA1
11	AtMYB51	YAB3	IAA14	ANT	ARF5	AXR2	AN3
12	ATCDPK1	AIL5	BEE2	ABC1	ATMYC2	AtCCA1	ATICE1
13	JAZ1	PIF5	AN3	TCP3	AIL5	ERL2	AXR2
14	ARF5	AtHB33	YAB3	AtbZIP1	TOR	RDO2	AtEGL3
15	ATLFNR2	AtCCA1	ATHB25	FMA	ORF110B	CRB	ZFP8
16	DRT112	AFO	AFO	AtTCP11	GRI	ATBRI1	CRF1
17	TGA3	BLH3	HBI1	ATSAHH1	PLA2-BETA	TOE3	ATMYC1
18	GRX480	ATAIG1	ATS4	CYP78A5	AGL22	ATICE1	FMA
19	ATCPSF30	AGL3	AT1G61660	TCP10	AtCCA1	ATHB-2	ATHB-2
20	PRK	ATHB25	AT1G62500	AtPIF4	FMA	ZFP8	RDO2
21	ATP8	ATICE1	AT1G31310	JAG	PAN	ATBZIP9	HY5
22	GAPB	ATGLK1	ARAC7	AP2	anac081	ATPIN1	ERL2
23	AGO1	AS1	AtGRF2	BEN1	RDO2	BLH9	OBP2
24	TOR	CRF1	AT1G23000	AT2301	RVE1	CRF1	TOE3
25	ATMEK4	GATA21	CRF3	ABAP1	ACBP3	HY5	PIF5
26	ATHB-15	AT1G61660	ATGLK1	ATGLK1	LUG	ATSERK1	LHW
27	AIN1	HBI1	AXR2	AtTCP15	LHY	UNE10	GATA21
28	ORTH2	IAA16	CYC1	CRF1	CRF3	AN3	AtPIF4
29	AT1G63470	IAA14	ATMYB29	AXR2	ERL2	LHW	CRF3
30	ATRBOH F	BEL1	GASA6	anac081	ATHB-14	ABCG15	AtGRF2
31	ATNPR1	RVE1	AT3G17100	AtAVP1	AN3	OBP2	AT1G61660
32	CER6	ZFP8	AT5G43020	PAN	MIR396B	BHLH136	ATBZIP9
33	RPK1	AtPIF4	AtGRF3	AT1G22510	BRX	ATBZIP61	ATBRI1
34	ATSERK1	OBP2	AT4G38840	AGL7	ARR22	CRF3	BHLH136
35	ATPIN1	PIF1	AT5G01910	AtCCA1	TOE3	AtPIF4	BLH9
36	APC6	BEE3	APL	ATTCP24	AMOS1	AGL22	IAA2
37	ATWRKY40	BEE2	AT1G63100	ATMYC1	ATMKK2	AT2G01210	CRB
38	ATRPA1A	CIR1	AT5G03870	ATHB25	LHW	GATA21	UNE10
39	HEN2	ATHB-1	AT5G66940	AtMYB108	IDN2	ABI4	AGL22
40	ABH1	OBP1	ATPIN1	LUG	IAA2	ATHB-4	ATHB25
41	ATCDPK3	AGL20	FD-GOGAT	AN3	AE7	IAA2	ATPIN1
42	ATGLK1	ATX1	AGL15	GATA21	CRF1	ALC	ALC

43	AGL22	ARR21	CRF1	JGL	ATMYC1	PIF5	ATBZIP61
44	AGO4	BLH1	SKS1	MEE35	BZR1	ERL1	ATHB-4
45	CHR3	LHW	BBX14	AtHB33	LCL5	ATMIXTA	AGL20
46	PARP1	OBP4	AP2	ATBRM	ATGLK1	AT1G61660	ER
47	ATRAD50	CRF3	AGL9	AXR3	AtHB31	BBX24	LFY
48	ATHB-14	AT3G53310	AtTLP8	AtGRF2	AXR2	AT2G44940	ATHB-14
49	EMB1611	ER	CYCA2;4	SAMBA	AGL20	LFY	ATMIXTA
50	ABI5	AtGRF3	AT4G31805	CRF3	ATHB25	APRR1	BLH1
51	AtAUX1	JAG	COBL1	YAB3	AtEGL3	RPK1	JAG
52	ATAMPD	IAA2	ORTH2	JAW	AGL25	PRK	LHY
53	RDO2	DDL	ICK6	CRN	APRR1	ASML1	AT5G25475
54	APC7	AT2G40435	AT1G22690	NF-YB3	AT3G17100	ACO2	ATB2
55	RCA	ATHB-2	AT1G29270	SPL3	ESK1	AtEGL3	RGA
56	ESD6	HY5	AT2G29290	AtGRF3	ATNPR1	ATBT2	HD2C
57	ATMAPK6	ATGL1	IAA2	ATEXP3	APRR7	AIL6	ATAIG1
58	HUB1	ATERF12	NF-YB3	AT1G09250	GATA21	RGA	PIF1
59	AFO	TCP10	ROXY1	ZFP8	ASML1	CRN	YAB3
60	ATCYP38	ATHB-15	AT-EXP1	OBP2	GH3.5	ABF3	AtHB33
61	ATNBS1	HUB1	RIP4	RGA	PIF1	ATMYC1	BLH3
62	AT-SYR1	AP2	ATX1	ATHB-16	AIL6	ATHB-14	ABCG15
63	DDL	ATCOL4	IMK3	PRK	RGA	SPA4	AT-GTL1
64	AXR2	AT3G06220	AtAUR3	BB	ARF1-BP	LHY	AGL3
65	ATMSH1	AT5G66940	AT3G17160	ALC	LFY	AtMYB17	CYP78A5
66	VIL1	MYC4	AT1G66250	BEE2	AS1	CHR3	ABI4
67	NQR	PTL	iqd8	ATMYC2	CKRC1	ATB2	BEE3
68	ATHMG	AT5G51190	BUBR1	GAI	AGL24	AtGRF1	ATSERK1
69	ABCB19	ATHB-14	AT5G55520	AT5G51190	CRF2	MIF1	AtTCP15
70	AtCYP71	ATERF-2	CLEL 9	BLH3	AtbZIP1	TOR	RVE1
71	ATMAPK3	AT5G47390	AT5G48360	PPD1	ALC	NPL1	BEL1
72	ATEDS1	AT-GTL1	ATWHY1	ATWHY1	DDL	TCP3	ARR4
73	OEC33	AXR2	AT1G55200	GATA17	TCP3	ATMYC2	TCP3
74	ATSYP122	AtTCP15	BEL1	BEL1	AT1G61660	ER	ATMYC2
75	ATPAD4	AGL7	AT-GTL1	OBP4	SS2	SNZ	MIF1
76	SBPASE	IFL	PnsL1	AtDWF4	BIN4	AGL20	AIL6
77	ATWRKY70	LHY	CRF2	AT5G66940	AtPIF4	AtHB31	AT5G18030
78	ATEIF3E-1	bHLH071	AT4G30410	PPD2	BEN1	ARR4	AT4G17810
79	ATCPK32	ATB2	P1R1	EXO	OBP2	AT4G17810	ARR21
80	ATFUS6	ATMKK2	ASU1	ROXY1	CRF12	FD-GOGAT	ATBT2
81	ATGID1B	EDF4	LHY	AtGRF1	JAG	STZ	HBI1
82	TROL	SPCH	ATMPK11	APL	ATPIN1	AtZAT12	AtGRF3
83	ATMPK4	AGL22	NIMIN-1	GIF2	AtGRF2	ABI5	ERL1
84	AtPMS1	AIB	ATWEE1	CIA2	JGL	CYP78A5	AtGRF1
85	PETC	AT1G23000	POR C	IAA3	ATCBF1	AtMYB60	IAA16
86	ATMLH1	LFY	ATBARD1	ATHD2A	AGL9	AGL24	ERF104
87	ATPD	ERF104	c-NAD-MDH1	ARR4	AT4G31805	BP	TOR
88	CRF1	AGL15	ACO4	AIL7	YAB5	AHK3	DDL

89	ATSGT1B	ESE3	ATCTL1	AGL24	CRF5	BLH1	TCP10
90	AtNUDT7	ICE2	BBX24	OBP1	SPCH	ATHB25	AT2G44940
91	PRL1	AGL9	OE23	ATERF-9	HBI1	ATSIG5	ATHB-15
92	ATCBL1	AT1G74840	OBP2	AT4G29030	ARGOS	ARR22	AtMYB108
93	SNI1	BHLH136	APX1	SRF4	ZFP8	JAG	ATERF12
94	CRM2	NF-YB3	AT1G08050	GIF3	ATHB-4	ABCG1	OBP1
95	AESP	BZR1	ABC1	ARL	PIF5	AtTCP14	BEE2
96	AtHsp90-7	ALC	RPT5B	ATB2	HY3	AtMYB108	ATSIG5
97	ATMEK1	ATS4	CRB	ATSWI3C	AGO1	ATWRKY40	ATHB-1
98	RPT2a	RGA	AtHaspin	IAA16	ATERF13	AXR3	ACO2
99	ATMKK2	CYP78A5	FHY2	SPCH	ATB2	AT-GTL1	BBX24
100	DCAF1	ATHD2A	LRR XI-23	RIC4	ATBZIP61	ARF1	AtHB31
101	PDE334	AT1G01250	ATMPK1	TRY	ROXY1	ATNPR1	AT2G01210
102	LUG	BBX14	ARR4	AL7	APC7	FHY2	SNZ
103	ATHB-8	AT5G08520	ATMLO2	AtEGL3	HY5	AIL7	PAP3
104	AGB1	ARR4	ATSRS	AT2G44940	ABC33	AHK2	CPC
105	ANT	DREB26	GAPC-2	ER	AtGRF5	AtIDD14	CIR1
106	ATMCB1	JGL	EMB30	ATCOL3	ARF1	PAP3	EDF4
107	ATBRI1	AT1G77200	VIK	ARGOS	AtRAV2	APRR7	FD-GOGAT
108	BLH9	AT1G62500	AT1G15430	ATERF-2	PARP1	ATCDPK3	BP
109	FD-GOGAT	ATHB-4	ABCG40	ATGA3OX1	P1R1	AtTCP15	AT5G51190
110	ATCESA3	AT4G38840	AtAVP1	APC10	AT1G62500	LUG	AT3G06220
111	PMDH2	RPS2	ABA3	AtTLP2	AtTCP14	SIG4	AtZAT12
112	EMB2107	TCP2	AtPEPR2	anac021	AtCYP71	AT1G69570	HUB1
113	HY5	ATMPK4	ARP4	AT-EXP10	AtHB33	ATCAD7	AtRAV2
114	CRN	ANAC083	AtMYB51	LCL5	RAP2.4	ATCOL1	AT1G01250
115	AGD3	ATMYC2	ATCDPK1	AT2G28810	ATWRKY70	ATBZIP34	ABF3
116	FY	BEE1	JAZ1	AtWRKY47	DA1	AtNIK1	AT5G66940
117	KYP	ATMIXTA	ARF11	AtTLP8	CLL1	CPC	RPK1
118	TOZ	AtMYB50	ATLFNR2	AT4G38840	SNZ	MEE35	AtMYB17
119	ATDCL4	bHLH121	DRT112	BHLH136	BLH9	ATHB51	MEE35
120	BIN4	ATMYB15	ATCAT3	ARF12	AG	AT3G10760	SPCH
121	GL3	ARR10	PRO25	ATCBF2	IAA19	ERF104	IAA14
122	AOS	AIF1	TGA3	DREB26	AtGRF3	ATEBP	GAI
123	ATCUL4	ANAC008	ATPIN7	AT1G11850	AtTCP15	PIF1	SPA4
124	ATGH9A1	CPC	ATB BETA	AT2G31730	AtZAT12	AtGRF2	ASML1
125	NPL1	AT4G17810	AHK3	bHLH071	ARP4	HYH	APRR7
126	CLB4	AT5G52660	STZ	ETC1	AtPMS1	AtRAV2	ATERF-2
127	IFL	ATERF-9	ATERF11	RVE1	NQR	CYP707A3	OBP4
128	COB	HEN2	NSL1	ATMYB94	ATHB-2	ATAUX2-11	PRK
129	ATSNAP33	TCP3	HSL1	ATMYB30	ATHB51	PARP1	AIB
130	AT5G63960	ACL5	GRX480	ATHB51	IAA30	ATHDG11	ATMKK2
131	ATLFNR1	IAA3	ATTCP24	GASA6	BHLH136	AT1G06070	IAA28
132	MSP-1	AtRAV2	ATCIPK23	AT1G77200	AT1G50270	CRF12	AIL7
133	ATWRKY33	MIF1	ARF6	EDF4	LHT1	RPT5B	AtNIK1
134	AtPIF4	TOE3	ATHB9	SPT	ATERF11	ATERF13	PTL

135	AtFBA8	AtMYB108	FEI1	DA1	ATHB-8	ROXY1	ATEBP
136	AT5G12410	PAP3	PRK	RAP2.4	IAA6	GAPA	AtMYB3R4
137	ATBARD1	GAI	ATP8	AtMYB47	TMO6	AtMYB3R4	STZ
138	ATERF11	ARAC7	ATMYC2	NAI1	ATPIN3	YAB5	AGL24
139	ATMYC2	RDO2	AT1G33590	ATERF6	MED21	SPT	APRR1
140	ATDCL3	IAA28	ANN1	ATERF-5	CRF10	ATCRY1	CRN
141	ATCAP-C	ATERF11	GAPB	ATRL2	ATMBF1C	AXR5	ICE2
142	AtFBA1	ATERF-1	ATBZIP60	AtGH3.11	AT4G30410	GAI	ATX1
143	COR15	CYC1	ATMCM2	BHLH101	AtMYB17	AGO1	AHK3
144	AtCCA1	ATSIG5	RD21	AT4G31805	ATWRKY40	AOS	bHLH071
145	ARAKIN	ATHD2	AGO1	AT5G47610	HOS9	GH3.5	ATMBF1C
146	AtMTR4	ATGLK2	TOR	ATAUX2-27	ATMAPK6	ATPIN3	AT3G53310
147	DOT2	AtMYB76	FU	ESE3	BEE2	ABCB2	IAA3
148	POR C	ATCOL3	ATMEK4	ATMYB73	EDF4	CRF2	AT5G47390
149	AIL5	TMO6	ATHB-15	ATCOL1	AT1G01260	ATRBOH F	JGL
150	PPK1	BLH9	AT1G52310	3xHMG-box2	IAA28	BETA CA2	AT4G38840
151	AT4G24820	AtGRF5	ANAC019	AT1G63100	ATPIN4	ATMBF1C	ATERF11
152	AHK3	AT2G01060	TCP3	ORS1	ABCG15	IAA28	AT2G40435
153	RGA	AtTLP8	mMDH1	EDF1	ABI5	BEE3	ATGLK2
154	RLK	AT2G28810	ATPAE1	ATCAD7	EDF1	P1R1	CHR3
155	ZCF125	MEE35	AIN1	ATFRO8	ERF104	AT1G01250	MYC4
156	emb2473	UNE10	ZCF125	BT5	CYCD3	FLU	AT1G23000
157	STI	ETC1	ARF1	ATERF-4	AtIDD2	AT2G45340	AT3G10760
158	ATSAHH1	anac096	AtMTR4	BHLH134	AT4G29030	CBB3	ESE3
159	ELF8	AT1G70000	ABCG36	EPR1	IAA3	ARF7	ATERF-9
160	VHA-A	ATHMG	AGD2	AXR5	BP	EMS1	ARR22
161	AQP1	AtMYB3R4	BUM	ATE2FA	ERL1	AHK4	NF-YB3
162	ATWEE1	ATMAPK3	ACO2	IAA19	IMK3	AT5G54630	IFL
163	ATHB9	LCL1	ATSCO1	HTA11	ATSYP122	AtIDD2	ATGL1
164	BGLU26	FMA	NRPD1	ATXR6	AT1G05710	ARF1-BP	AtMYB60
165	ARP7	ATMYB30	AT1G63470	ATCBF3	IBH1	EDF4	ARF1-BP
166	SDG18	AT2G36930	AT1G63640	AT2G42300	AtMYB108	ATCBF1	ATCOL4
167	ATMND1	ATMBF1C	ATRBOH F	BEE1	CLEL7	BBX25	ATNPR1
168	CBB3	ATBZIP9	ATNPR1	SKS1	AXR3	RLK	NPL1
169	ICU2	ATMYB29	RPN12a	AT5G07580	ATAUX2-11	ABF4	ETC1
170	PR-5	ADA2B	AT1G64610	BPE	JAZ1	BKI1	BZR1
171	AT5G23540	IAA30	cICDH	AtHsp90-7	AT3G06220	ATHB-16	ATMYB15
172	AT2G41620	AT3G17100	ATGSR2	AIB	ATH1	ATHB-5	ATBZIP34
173	ATCYS-3A	ANN1	AtETR1	AT5G18740	SMZ	AT4G30130	AXR3
174	ATPRMT4A	ATERF-4	AT1G66880	AHK2	UNE10	BUM	GH3.5
175	PGK1	HAT2	CER6	AT3G06270	AtGRF7	LIP1	BBX25
176	ZFP8	AT1G31310	AGL7	BAS1	CLL2	AtTCP11	TCP2
177	GAMMA-TIP2	ATERF-5	RPK1	AT1G25400	AtNUDT7	RAP2.4	AtIDD14
178	ATTOPII	AT5G43020	ATCUL3B	AL4	YAB3	ARR21	LUG
179	LHW	AT2G31730	AtTCP15	ATWRKY6	ATMIXTA	ATHB-15	AGL9
180	ATMCM2	WRKY21	PG2	IAA14	ANAC054	RVE1	CRF2

181	ATO	HAT3	ATK1	AT5G61590	TCP10	ATERF11	ATPIN3
182	AMT1	AtGRF1	ATPIN3	DEL3	AtMYB51	ATCPK32	ATCOL3
183	ABCB1	AT-GT2	ATSERK1	AT3G44670	MEE35	RAP2.4	ATHB51
184	AT-HSC70-1	AT5G07580	PATL1	AT1G49920	MIF1	AG	ATCAD7
185	ABI4	ATBZIP61	AP40	ATHB-2	RPK1	BEL1	AtMYB50
186	AtEIL3	ERL2	AtEIL3	AtTLP10	ATCPK32	AT1G32780	AT1G74840
187	ETG1	ATMYB59	SARD1	AT3G44805	KINESIN-12A	AtGRF3	AtGRF5
188	emb1796	ATEBP	AT1G74360	LURP1	AT1G23000	ATGLK2	BT3
189	ATCAP-E1	BT3	ATICS1	ATHB6	AGO4	ATAIG1	AT1G77200
190	ACO4	AT1G03040	JAZ2	ARF11	ATMCB1	GATA3	RPS2
191	ATUBP26	AT1G29270	PR-5	AT5G62860	ATCDPK3	HY3	HYH
192	ATGSL1	AtHB31	UMAMIT5	ACD	JASON	AtbZIP63	AtIDD2
193	AT4G33400	APC8	AtGH9B7	AT1G59920	CHR3	AGL44	AT1G70000
194	ATRPA2	BBX25	AT1G76110	AT5G35120	SHT	AT4G36180	ATTRP2
195	AT4G36180	ARL	CDKB2;1	AT5G04760	GATA19	ATTRP2	CRF12
196	ATPRMT5	ATBT2	PPK1	BP	AT2G44940	AGL25	BBX14
197	ATS6A.2	AtHsp90.2	APC6	AFP4	BBX24	AT1G47655	ANAC083
198	ABCG40	ATSWI3C	VHA-A	AT2G01210	AT5G51190	IAA3	AtTCP14
199	ATBCA1	ATO	ATGA3OX2	DDL	MIR164	GF14 CHI	ARR10
200	AtRAD21.1	AT1G19000	ATWRKY40	AT1G69840	AIL7	EDF1	ABI5

Table S4 Ranked lists of average probability prediction ensemble methods

Rank	R.S.L	R.L	R.N.L	R.S.G	R.S.L.N	R.S.L.N.G	R.L.G	R.G	L.G
1	AtEGL3	AtEGL3	AtEGL3	ARF5	AtEGL3	ARF5	ARF5	ARF5	AFO
2	ATMYC1	ATMYC1	ATMYC1	AFO	ATMYC1	AFO	AFO	AFO	AP2
3	AtGRF2	AtGRF2	AtGRF2	ANT	AtGRF2	ANT	ANT	ANT	ARF5
4	AN3	AN3	AN3	PAN	AN3	PAN	PAN	PAN	AGL7
5	ARF5	PAN	PAN	AIL5	ARF5	AIL5	AP2	AP2	ANT
6	PAN	ARF5	ARF5	AP2	PAN	AP2	AIL5	AIL5	PAN
7	ANT	ANT	ANT	AGL7	ANT	AGL7	AGL7	AGL7	AIL5
8	AIL5	AIL5	AIL5	ATGLK1	AIL5	ATGLK1	ATGLK1	ATGLK1	ATGLK1
9	AFO	PIF5	PIF5	AS1	AFO	AS1	AS1	AS1	AS1
10	PIF5	AtHB33	AtHB33	AtCCA1	PIF5	AtCCA1	AtCCA1	AtCCA1	FMA
11	AtHB33	AtCCA1	AtCCA1	AN3	AtHB33	AN3	AN3	AN3	AXR2
12	AtCCA1	YAB3	YAB3	ATICE1	AtCCA1	ATICE1	ATICE1	ATICE1	AtCCA1
13	YAB3	AFO	AFO	AXR2	YAB3	AXR2	AXR2	AXR2	ERL2
14	ATGLK1	ATHB25	ATHB25	AtEGL3	ATGLK1	AtEGL3	AtEGL3	AtEGL3	RDO2
15	ATHB25	ATICE1	ATICE1	ZFP8	ATHB25	ZFP8	ZFP8	ZFP8	TOE3
16	ATICE1	ATGLK1	ATGLK1	CRF1	ATICE1	CRF1	CRF1	CRF1	ATICE1
17	CRF1	AS1	AS1	ATMYC1	CRF1	ATMYC1	ATMYC1	ATMYC1	ZFP8
18	AS1	CRF1	CRF1	FMA	AS1	FMA	ATHB-2	ATHB-2	ATHB-2
19	GATA21	GATA21	GATA21	ATHB-2	GATA21	RDO2	FMA	FMA	ATPIN1
20	AT1G61660	AT1G61660	AT1G61660	RDO2	AT1G61660	ATHB-2	RDO2	RDO2	CRF1
21	HBI1	HBI1	HBI1	HY5	HBI1	HY5	ERL2	ERL2	BLH9
22	AtPIF4	RVE1	RVE1	ERL2	AtPIF4	ERL2	OBP2	OBP2	HY5
23	RVE1	ZFP8	ZFP8	OBP2	RVE1	OBP2	TOE3	TOE3	AN3
24	ZFP8	AtPIF4	AtPIF4	TOE3	ZFP8	TOE3	PIF5	PIF5	LHW
25	OBP2	OBP2	OBP2	PIF5	OBP2	PIF5	HY5	HY5	OBP2
26	PIF1	PIF1	AGL20	LHW	AGL20	LHW	LHW	LHW	CRB
27	AGL20	AGL20	BEE2	GATA21	HY5	GATA21	GATA21	GATA21	ABCG15
28	HY5	BEE2	LHW	AtPIF4	BEE2	AtPIF4	CRF3	CRF3	UNE10
29	BEE2	LHW	CRF3	CRF3	JAG	CRF3	AtGRF2	AtGRF2	BHLH136
30	JAG	CRF3	JAG	AtGRF2	LHW	AtGRF2	AtPIF4	AtPIF4	ATBZIP61
31	LHW	JAG	IAA2	AT1G61660	CRF3	AT1G61660	AT1G61660	AT1G61660	CRF3
32	CRF3	IAA2	DDL	ATBZIP9	IAA2	BHLH136	BHLH136	ATBZIP9	AtPIF4
33	IAA2	DDL	AtGRF3	ATBRI1	AtGRF3	BLH9	BLH9	BHLH136	AGL22
34	AtGRF3	AtGRF3	ATHB-2	BHLH136	DDL	IAA2	IAA2	BLH9	GATA21
35	DDL	ATHB-2	HY5	BLH9	ATHB-2	AGL22	AGL22	IAA2	ATBRI1
36	ATHB-2	ATAIG1	AP2	IAA2	AP2	ATHB25	UNE10	CRB	ATHB-4
37	ATAIG1	HY5	ATHB-14	CRB	ATHB-14	UNE10	ATHB25	UNE10	IAA2
38	AP2	AP2	AXR2	UNE10	AXR2	ATPIN1	ATPIN1	ATBRI1	ALC
39	ATHB-14	ATHB-14	AGL7	AGL22	TCP10	ALC	ALC	AGL22	PIF5
40	AXR2	AXR2	AtTCP15	ATHB25	AtTCP15	ATBZIP61	ATBZIP61	ATHB25	ATBZIP9
41	TCP10	AGL7	TCP10	ATPIN1	AGL7	ATHB-4	ATHB-4	ATPIN1	AT1G61660
42	AtTCP15	AtTCP15	LHY	ALC	LHY	AGL20	AGL20	ALC	ERL1

43	AGL7	TCP10	AT3G06220	ATBZIP61	AT3G06220	ATHB-14	LFY	ATBZIP61	LFY
44	LHY	LHY	ATB2	ATHB-4	ATB2	JAG	ATHB-14	ATHB-4	APRR1
45	AT3G06220	AT3G06220	ATMKK2	AGL20	ATMKK2	LHY	LHY	AGL20	ATMIXTA
46	ATB2	ATB2	AGL22	ER	SPCH	ATB2	JAG	LFY	ASML1
47	ATMKK2	ATMKK2	SPCH	LFY	AGL22	RGA	ATB2	ER	AtEGL3
48	SPCH	AGL22	AGL9	ATHB-14	AGL9	ATMIXTA	ATMIXTA	ATHB-14	AIL6
49	AGL22	SPCH	ALC	ATMIXTA	ALC	ATBZIP9	RGA	ATMIXTA	RGA
50	LFY	LFY	BHLH136	BLH1	BHLH136	AtHB33	PIF1	BLH1	ATMYC1
51	EDF4	EDF4	RGA	JAG	RGA	ABCG15	ATBZIP9	LHY	BBX24
52	AGL9	AGL9	EDF4	LHY	EDF4	YAB3	AtHB33	AT5G25475	ATHB-14
53	CYP78A5	BZR1	JGL	AT5G25475	JGL	RVE1	ABCG15	JAG	RPK1
54	ALC	ALC	AT1G62500	ATB2	RDO2	TCP3	CYP78A5	ATB2	LHY
55	BZR1	BHLH136	ATHB-4	RGA	TCP3	AtTCP15	YAB3	HD2C	ATB2
56	BHLH136	ERF104	ATMYC2	HD2C	ATHB-4	ATMYC2	RVE1	ATAIG1	AT2G44940
57	ERF104	RGA	AT1G23000	ATAIG1	AT1G62500	AIL6	ATMYC2	RGA	AtMYB17
58	RGA	CYP78A5	TCP3	PIF1	ATMYC2	ATBRI1	AtTCP15	PIF1	TOR
59	AT5G51190	AT5G51190	TOE3	YAB3	AT1G23000	CRB	CRB	YAB3	TCP3
60	JGL	JGL	RDO2	AtHB33	TOE3	HBI1	TCP3	AtHB33	ATMYC2
61	RDO2	AT1G62500	IAA3	BLH3	FMA	AtGRF3	HBI1	BLH3	AGL20
62	TCP3	ATHB-4	ATERF11	ABCG15	IAA3	MIF1	AIL6	ABCG15	AtHB31
63	ATHB-4	ATMYC2	AT5G25475	AT-GTL1	ATERF11	TOR	AtGRF3	AT-GTL1	SNZ
64	AT1G62500	AT1G23000	IAA28	AGL3	AtMYB108	DDL	MIF1	AGL3	ATSERK1
65	ATMYC2	TCP3	BLH9	CYP78A5	AT5G25475	ERL1	ATAIG1	ABI4	AtZAT12
66	AT1G23000	AtRAV2	AtMYB108	ABI4	IAA28	AtHB31	DDL	BEE3	CYP78A5
67	AtRAV2	TOE3	ATMIXTA	BEE3	BLH9	AtMYB108	ERL1	ATSERK1	ABI5
68	TOE3	RDO2	TMO6	ATSERK1	TMO6	BEE2	ERF104	CYP78A5	AGL24
69	FMA	IAA3	FMA	AtTCP15	ATMIXTA	SNZ	ATBRI1	RVE1	CHR3
70	IAA3	ATERF11	AT3G17100	RVE1	AIL6	TCP10	AtHB31	ARR4	MIF1
71	ATERF11	AtGRF5	ATMBF1C	BEL1	AT3G17100	AT2G44940	BEE2	BEL1	ATHB25
72	AtMYB108	AT5G25475	IAA30	ARR4	ATMBF1C	AtZAT12	AtMYB108	MIF1	ARR22
73	AtGRF5	IAA28	MIF1	TCP3	IAA30	BP	TOR	AtTCP15	JAG
74	AT5G25475	BLH9	AtGRF5	ATMYC2	MIF1	BBX24	SNZ	ATMYC2	AtTCP14
75	IAA28	AtMYB108	ERL2	MIF1	AtGRF5	SPCH	TCP10	TCP3	BP
76	BLH9	ATMIXTA	ATBZIP61	AIL6	TOR	EDF4	EDF4	AT5G18030	ATWRKY40
77	TMO6	TMO6	AtHB31	AT5G18030	ERL2	AtMYB17	AtZAT12	AT4G17810	ATNPR1
78	ATMIXTA	FMA	ATERF12	AT4G17810	ATBZIP61	AT3G06220	AT2G44940	ARR21	ARF1
79	AIL6	AT3G17100	UNE10	ARR21	AtHB31	ASML1	AtRAV2	ATBT2	AtMYB108
80	AT3G17100	ATMBF1C	APRR7	ATBT2	ATERF12	APRR7	BP	HBI1	AXR3
81	ARF1-BP	IAA30	MEE35	HBI1	UNE10	AT4G17810	BBX24	AIL6	APRR7
82	ATMBF1C	MIF1	ATHB-8	AtGRF3	MEE35	ATMKK2	SPCH	ERL1	LUG
83	IAA30	ERL2	RPS2	ERL1	APRR7	AtGRF1	AtMYB17	AtGRF3	AtTCP15
84	MIF1	ATBZIP61	AIL6	AtGRF1	ATHB-8	RPK1	AT3G06220	AtGRF1	AT2G01210
85	TOR	AtHB31	SNZ	IAA16	RPS2	AGL24	ASML1	IAA16	PIF1
86	ERL2	UNE10	ATMYB15	ERF104	SNZ	MEE35	APRR7	ERF104	ATHB51
87	ATBZIP61	APRR7	BP	TOR	ATMYB15	IAA28	AT4G17810	DDL	AtGRF2
88	AtHB31	ATERF12	CRF2	DDL	BP	PAP3	ATMKK2	AT2G44940	AtGRF1

89	UNE10	MEE35	TOR	TCP10	CRF2	JGL	AtGRF1	ATHB-15	AtRAV2
90	ATERF12	ATHB-8	AtZAT12	AT2G44940	PAP3	ATMBF1C	RPK1	ACO2	PARP1
91	APRR7	RPS2	PAP3	ATHB-15	AtZAT12	ATERF11	PAP3	ATERF12	ERF104
92	MEE35	ARF1-BP	AtIDD2	AtMYB108	ATMAPK3	IAA3	APRR1	AtMYB108	CRF12
93	ATHB-8	AIL6	ATMAPK3	ATERF12	GH3.5	ATNPR1	AGL24	OBP1	ATERF13
94	RPS2	SNZ	GH3.5	OBP1	AtIDD2	APRR1	IAA28	TCP10	ROXY1
95	SNZ	ATMYB15	AGL25	BEE2	ATPIN3	AIL7	MEE35	ATHB-1	ABF3
96	ATMYB15	BP	ATPIN3	ATSIG5	AGL25	LUG	AT5G51190	ATSIG5	YAB5
97	AtbZIP1	GH3.5	P1R1	ATHB-1	P1R1	ARR22	ATMBF1C	BBX24	ATCDPK3
98	BP	PAP3	AT5G43020	ACO2	RPT2a	AGL9	JGL	BEE2	AGO1
99	GH3.5	CRF2	CRF5	BBX24	AT5G43020	CRF2	ATERF11	AtHB31	GH3.5
100	PAP3	AGL25	AtMYB51	AtHB31	CRF5	GH3.5	ARR22	AT2G01210	AIL7
101	CRF2	TOR	ATPIN1	AT2G01210	AtMYB51	ATHB51	ATNPR1	SNZ	CRF2
102	AGL25	AtZAT12	CRF12	SNZ	ATPIN1	ATPIN3	IAA3	PAP3	ATAUX2-11
103	AtZAT12	AtbZIP1	ATNPR1	PAP3	CRF12	AXR3	BZR1	TOR	NPL1
104	ATMAPK3	AtIDD2	RAP2.4	CPC	RAP2.4	AT1G23000	GH3.5	CPC	ATPIN3
105	AtIDD2	ATMAPK3	AT4G17810	CIR1	AGL24	CRF12	AIL7	CIR1	MEE35
106	ATPIN3	ATPIN3	AGL24	EDF4	AT4G17810	CHR3	CRF2	EDF4	P1R1
107	P1R1	P1R1	PARP1	FD-GOGAT	PARP1	ATERF12	AGL9	FD-GOGAT	ATMBF1C
108	RPT2a	AT5G43020	AT1G01260	BP	ATHB51	P1R1	LUG	BP	AT4G17810
109	AT5G43020	CRF5	HUB1	AT5G51190	HUB1	PARP1	ARF1-BP	AtZAT12	PAP3
110	CRF5	AtMYB51	ATHB51	AT3G06220	AT1G01260	AtIDD2	ATPIN3	AT3G06220	IAA28
111	AtMYB51	ATPIN1	RPT2a	AtZAT12	ATNPR1	ARF1	ATHB51	HUB1	AHK3
112	ATPIN1	CRF12	LUG	HUB1	LUG	ABI5	AtGRF5	AT5G51190	ARF1-BP
113	CRF12	ATNPR1	AT5G66940	AtRAV2	AT5G66940	AtGRF5	CHR3	ABF3	ATCBF1
114	RAP2.4	RAP2.4	AIL7	AT1G01250	AIL7	AT1G62500	AT1G23000	AtRAV2	RVE1
115	AGL24	AT4G17810	AtMYB17	ABF3	AtMYB17	ATSERK1	CRF12	AT1G01250	RAP2.4
116	AT4G17810	AGL24	IAA19	AT5G66940	IAA19	ABF3	AXR3	RPK1	EDF4
117	ATERF-9	PARP1	AG	RPK1	LCL5	AtTCP14	ATERF12	AT5G66940	CRN
118	PARP1	ATERF-9	LCL5	AtMYB17	AG	ATERF13	AtTCP14	AtMYB17	AtIDD2
119	ATHB51	AT1G01260	ATPIN4	MEE35	ROXY1	AGL25	P1R1	MEE35	AG
120	AT1G01260	HUB1	ROXY1	SPCH	ATPIN4	ROXY1	PARP1	SPCH	HY3
121	HUB1	ATHB51	ATERF13	IAA14	ATERF13	IAA30	AtIDD2	IAA14	ATERF11
122	ATNPR1	EDF1	ERL1	GAI	ERL1	ATHB-8	ARF1	ASML1	AtGRF3
123	EDF1	RPT2a	AGO1	SPA4	CYCD3	RAP2.4	ABI5	APRR7	AGL25
124	LUG	ARR22	CYCD3	ASML1	AtGRF1	AT3G17100	AT1G62500	SPA4	DDL
125	anac081	LUG	AT4G30410	APRR7	AGO1	AHK3	ATSERK1	GAI	CRF5
126	ARR22	AIL7	AtGRF1	ATERF-2	AT4G30410	CRF5	AGL25	ATERF-2	SPCH
127	AT5G66940	AT5G66940	IMK3	OBP4	IMK3	AtMYB51	ABF3	OBP4	RPT2a
128	AIL7	AtMYB17	ATCPK32	PRK	ATCPK32	ATMYB15	ATERF13	PRK	EDF1
129	AtMYB17	IAA19	ARR22	AIB	ARR22	RPT2a	ROXY1	AIB	IAA3
130	IAA19	AG	CBB3	ATMKK2	CBB3	AGO1	IAA30	ATMKK2	AtbZIP1
131	LCL5	anac081	Rap2.6L	IAA28	AT2G44940	ATWRKY40	ATHB-8	IAA28	AXR5
132	AG	LCL5	AT2G44940	AIL7	AXR3	AT5G25475	AGO1	ATEBP	JGL
133	ROXY1	ATPIN4	AXR3	AtNIK1	Rap2.6L	TMO6	RAP2.4	AtMYB3R4	ATWRKY70
134	ATPIN4	ROXY1	ARF1	PTL	ARF1	AG	AtbZIP1	AIL7	AtGRF5

135	ATERF13	ATERF13	ATMYB29	ATEBP	ATMYB29	RPS2	AT3G17100	PTL	ARP4
136	ERL1	ERL1	ASML1	AtMYB3R4	BIN4	AT2G01210	AHK3	AtNIK1	ATCPK32
137	CYCD3	AGO1	BIN4	STZ	ASML1	AXR5	CRF5	STZ	AtCYP71
138	ATCBF1	ATCBF1	AtGRF7	AGL24	AtGRF7	CBB3	AtMYB51	APRR1	AT4G31805
139	ARGOS	CYCD3	ARF8	APRR1	ARF8	ATCPK32	ATMYB15	AGL24	TCP10
140	AtGRF1	ARGOS	GASA6	CRN	GASA6	ATMAPK3	ATWRKY40	ICE2	ATMKK2
141	AGO1	AT4G30410	AXR5	ICE2	AXR5	NPL1	AT5G25475	CRN	ATHB-8
142	AT4G30410	AtGRF1	JAZ1	ATX1	JAZ1	YAB5	TMO6	ATX1	AtHB33
143	IMK3	IMK3	BBX24	AHK3	BBX24	HUB1	EDF1	AT5G47390	AtMYB51
144	ATCPK32	ATCPK32	ABCG15	bHLH071	ABCG15	AT5G66940	AG	ATMBF1C	HBI1
145	CBB3	CBB3	ATMAPK6	ATMBF1C	AT3G07340	CRN	RPS2	AHK3	CBB3
146	Rap2.6L	Rap2.6L	HY3	AT3G53310	AtTCP14	ATCDPK3	ATCBF1	bHLH071	AtPMS1
147	AT2G44940	AT2G44940	AT3G07340	IAA3	AT4G31805	ATAUX2-11	AT2G01210	AT3G53310	APC7
148	AXR3	ABC33	AtTCP14	AT5G47390	YAB5	IAA19	CBB3	IAA3	ARF7
149	CKRC1	CKRC1	AT4G31805	JGL	HY3	AT5G43020	RPT2a	ATERF11	IAA19
150	ARF1	AXR3	YAB5	AT4G38840	RPK1	AT-GTL1	AXR5	AT4G38840	AtGRF7
151	ABC33	ARF1	RPK1	ATERF11	CGA1	HY3	ATERF-9	CHR3	AT3G06220
152	ATMYB29	ATMYB29	ARP4	AT2G40435	BGT	CYCD3	ATCPK32	JGL	IAA30
153	AtTCP14	NQR	ATSYP122	ATGLK2	ATMAPK6	ATPIN4	ATMAPK3	AT2G40435	BEE2
154	BIN4	ASML1	CGA1	CHR3	ATSYP122	AtGRF7	NPL1	ATGLK2	CRF10
155	NQR	AtTCP14	BGT	MYC4	ABI5	AT4G30410	YAB5	AT1G23000	NQR
156	ASML1	BIN4	CRF10	AT1G23000	CRF10	Rap2.6L	HUB1	MYC4	AT4G30410
157	AtGRF7	AtGRF7	ABI5	AT3G10760	ARP4	LCL5	AT5G66940	AT3G10760	CYCD3
158	ARF8	ARF8	ATWRKY70	ESE3	AtPMS1	AT1G01260	CRN	ESE3	AT3G17100
159	GASA6	ATCOP1	ATWRKY40	ATERF-9	ATWRKY70	CGA1	ATCDPK3	ARR22	BEN1
160	AXR5	GASA6	AtPMS1	ARR22	ATWRKY40	ARF8	ATAUX2-11	ATERF-9	BZR1
161	ATCOP1	AXR5	AT1G05710	NF-YB3	AT1G05710	IMK3	IAA19	ATNPR1	JAZ1
162	SS2	SS2	AGD2	IFL	AHK3	JAZ1	AT5G43020	IFL	SMZ
163	JAZ1	JAZ1	CHR3	ATGL1	CHR3	ARF7	HY3	ATGL1	ATPIN4
164	BBX24	BBX24	AHK3	AtMYB60	ATBZIP9	ATMYB29	AT-GTL1	NF-YB3	LCL5
165	ABCG15	ABCG15	APC7	ARF1-BP	BAM2	AT4G31805	CYCD3	AtMYB60	AT4G29030
166	AT3G07340	ATMAPK6	ATBZIP9	ATCOL4	anac096	ARP4	ATPIN4	ATCOL4	ABR
167	BEN1	HY3	AtCYP71	ATNPR1	AGD2	ERF104	AtGRF7	NPL1	AT5G51190
168	AT4G31805	AT3G07340	BAM2	NPL1	APC7	ATWRKY70	AT4G30410	ETC1	YAB3
169	MIR396B	MIR396B	anac096	ETC1	AtCYP71	GASA6	Rap2.6L	BZR1	AGL9
170	YAB5	AT4G31805	ATMCB1	BZR1	ATMCB1	AT3G07340	LCL5	ATMYB15	ATH1
171	HY3	YAB5	AtNUDT7	ATMYB15	ATAUX2-11	AtPMS1	CGA1	ATBZIP34	AT1G62500
172	RPK1	RPK1	ATAUX2-11	ATBZIP34	IBH1	CRF10	AT1G01260	GH3.5	IMK3
173	PLS	ARP4	IBH1	AXR3	APRR1	AtCYP71	ARF8	AtIDD14	ATSYP122
174	CGA1	CGA1	ARF7	GH3.5	ARF7	ATTCP24	IMK3	BBX25	TMO6
175	BRX	ATSYP122	APRR1	BBX25	AtNUDT7	ETC1	ARP4	AXR3	AtNUDT7
176	BGT	PLS	PRL1	TCP2	ATH1	BGT	NQR	TCP2	ATAIG1
177	APRR1	APRR1	ATH1	AtIDD14	PRL1	APC7	ARF7	CRF2	AT1G01260
178	ATMAPK6	BRX	ATTCP24	LUG	ATTCP24	ATSYP122	JAZ1	AGL9	AT1G23000
179	ATSYP122	BGT	ABF3	AGL9	ATCDPK3	ATEBP	ATMYB29	LUG	CKRC1
180	ABI5	BEN1	ATCDPK3	CRF2	ATERF-1	BAM2	AT4G31805	ATPIN3	AGO4

181	IAA6	CRF10	ATERF-1	ATPIN3	ABF3	BIN4	ATWRKY70	ATCOL3	AT1G05710
182	CRF10	IAA6	ATWHY1	ATCOL3	ATWHY1	ABR	anac081	AtMYB50	anac081
183	ARP4	ABI5	KINESIN-12A	ATHB51	KINESIN-12A	ARR4	GASA6	ATHB51	ABC33
184	HOS9	HOS9	ABR	ATCAD7	ABR	anac096	AT3G07340	ARF1-BP	ABCB1
185	MIR160	MIR160	ATMEK1	AtMYB50	ETC1	AT1G05710	SMZ	ATCAD7	ATMYB15
186	SMZ	ATWRKY70	ETC1	AT1G74840	ATMEK1	ATH1	CRF10	AT1G74840	ARGOS
187	ORF110B	ORF110B	AGO4	AtGRF5	GATA19	AtNUDT7	ARGOS	AtGRF5	ATMAPK3
188	AtPMS1	SMZ	GATA19	BT3	ARAC7	ATERF-1	AtPMS1	BT3	IAA6
189	ATWRKY70	AMOS1	ARAC7	AT1G77200	AGO4	AIB	AtCYP71	AT1G77200	GATA19
190	ATWRKY40	ATWRKY40	AIB	RPS2	AIB	ABCB1	ABF2	HYH	FLU
191	AMOS1	AtPMS1	AT-GTL1	HYH	AT-GTL1	ATMAPK6	ATCOP1	AtIDD2	CGA1
192	AT1G05710	AT1G50270	IAA14	AtIDD2	IAA14	PRL1	CKRC1	RPS2	BIN4
193	AT1G50270	AT1G05710	AtTLP8	AT1G70000	AtTLP8	KINESIN-12A	ABC33	ATTRP2	SS2
194	AHK3	AGD2	ERF104	ATTRP2	ERF104	GATA19	BEN1	ANAC083	KINESIN-12A
195	CHR3	CHR3	NPL1	CRF12	NPL1	WAVH1	ATTCP24	CRF12	AMOS1
196	ATBZIP9	AHK3	ATFUS6	BBX14	ATFUS6	AGO4	APC7	AT1G70000	BRX
197	BAM2	APC7	ABCB1	ANAC083	ABCB1	AT1G06070	ETC1	BBX14	ACBP3
198	anac096	ATBZIP9	ATMBD6	AtTCP14	ATMBD6	IBH1	ATSYP122	AtTCP14	PLS
199	AGD2	AtCYP71	XCT	ARR10	XCT	BUM	BGT	ARR10	ORF110B
200	DA1	BAM2	ICK6	ABI5	ICK6	ATMCB1	ABR	ABI5	AGD2

Table S5 Ranked lists of ranking ensemble methods

Rank	Ens1	Ens2	Ens3	Ens4	Ens5	Ens6	Ens7	Ens8	Ens9	Ens10
1	ARF5	ARF5	AFO	AFO	ARF5	AFO	AFO	ARF5	ARF5	ARF5
2	AFO	OBP2	ARF5	ARF5	PAN	AP2	ARF5	AFO	AFO	AFO
3	ANT	ATGLK1	ANT	ANT	ANT	AGL7	ANT	ATGLK1	ATGLK1	ATGLK1
4	ATGLK1	AFO	AIL5	ATICE1	AFO	ARF5	AIL5	OBP2	ANT	ANT
5	CRF1	ATHB-15	PAN	AIL5	AIL5	ANT	PAN	ANT	CRF1	OBP2
6	AXR2	CRF1	ATICE1	PAN	AtCCA1	AIL5	AtCCA1	CRF1	AXR2	CRF1
7	OBP2	ANT	AtCCA1	AtCCA1	ATGLK1	ATICE1	AP2	AXR2	OBP2	AGL22
8	PAN	DDL	AN3	AN3	AS1	PAN	ATGLK1	HY5	PAN	AIL5
9	ATMYC1	ATHB-14	AP2	ATMYC1	AN3	FMA	AN3	AIL5	ATMYC1	AtCCA1
10	CRF3	HUB1	ATGLK1	AtEGL3	ATICE1	AtCCA1	CRF1	AtPIF4	AtEGL3	AXR2
11	AtEGL3	AGL22	AGL7	RVE1	CRF1	RDO2	AGL7	RDO2	CRF3	ATHB-14
12	RDO2	AXR2	CRF1	CRF1	ZFP8	ERL2	ATMYC1	AtCCA1	TOR	RDO2
13	TOR	HY5	AS1	ATGLK1	AtEGL3	TOE3	CRF3	ZFP8	ATMYC2	PAN
14	AtCCA1	AtCCA1	ATMYC1	ATHB25	PIF5	ATGLK1	AXR2	PAN	RDO2	AtPIF4
15	AN3	AIL5	AtEGL3	AP2	ATMYC1	AGL22	GATA21	TOR	BEE2	HY5
16	AGL7	HEN2	CRF3	CRF3	GATA21	AXR2	AtPIF4	DDL	AN3	LHW
17	ATMYC2	AtPIF4	LHW	AGL7	AP2	AN3	RDO2	RGA	AtPIF4	AS1
18	AtPIF4	ATMKK2	GATA21	LHW	OBP2	CRF3	HY5	ATMYC2	AtCCA1	ZFP8
19	RGA	RDO2	AXR2	GATA21	AtPIF4	CRF1	ATHB25	ATMYC1	TCP3	AGL7
20	AP2	ATMPK4	IAA2	AtGRF2	AT1G61660	LHW	OBP2	AGL7	RGA	ATMYC2
21	TCP3	IFL	AGL22	AS1	LHW	AS1	CYP78A5	TCP3	BEL1	TOR
22	ZFP8	ZFP8	OBP2	AGL20	ATHB-2	IAA2	ZFP8	TCP10	AGL7	RGA
23	ATHB25	LHW	ZFP8	IAA2	AGL7	TOR	FMA	AtEGL3	ATGL1	AtEGL3
24	AIL5	AtMYB51	AtPIF4	PIF1	HY5	ATMYC2	AtEGL3	CRF3	ATHB25	DDL
25	AtGRF2	ATMAPK3	AT1G61660	ATHB-14	CRF3	CYP78A5	JAG	FMA	AtGRF2	BLH9
26	FMA	AS1	PIF5	AT1G61660	AXR2	LHY	AtGRF2	AtTCP15	ZFP8	ATMYC1
27	HY5	PAN	ATHB25	AGL22	IAA2	ATHB-14	ATMYC2	HUB1	AtHB33	CRF3
28	LHW	BLH9	ATHB-14	CYP78A5	ATHB25	GATA21	ALC	BEL1	YAB3	FMA
29	AtTCP15	RGA	AGL20	LHY	AGL20	APRR1	RGA	RPT2a	ARR4	ATPIN1
30	DDL	ATMYC2	LHY	PIF5	AGL22	ATPIN1	TCP3	BEE2	AtTCP15	ERL2
31	BEE2	ATCPSF30	RDO2	AtPIF4	ER	ATMYC1	ATICE1	AIL6	TCP10	AGL20
32	ATICE1	HD2C	HY5	OBP2	BHLH136	AtEGL3	AtTCP15	AN3	ATHB-15	AN3
33	AGL22	TOR	CYP78A5	ATMKK2	AtGRF2	OBP2	TOR	ATHB-15	AP2	TCP3
34	AtHB33	AtEGL3	TOE3	HBI1	ATHB-14	AtPIF4	ATB2	JAG	IAA14	ATMKK2
35	TCP10	ATGL1	FMA	AXR2	BLH1	ASML1	AIL6	ARR4	DDL	PIF5
36	ATERF11	AT5G25475	ATMYC2	ZFP8	LFY	ZFP8	RVE1	LHW	HY5	ATNPR1
37	ARR4	ATERF11	LFY	DDL	ALC	ALC	BHLH136	LUG	FD-GOGAT	AIL6
38	AS1	ATHMG	ATHB-2	ATMYC2	LHY	LFY	LHW	AtMYB108	ATERF11	AP2
39	AtGRF3	ATMYC1	ALC	AtHB33	JAG	AIL6	ATHB-2	ATGL1	ATTCP24	LHY
40	AIL6	ATHB-8	AtGRF2	JAG	ATB2	AT1G61660	AtGRF3	ATCPSF30	NF-YB3	AT1G61660
41	YAB3	AGL7	RGA	BZR1	ATHB-4	RGA	AtMYB108	AtGRF2	HUB1	ATHB-2
42	AtMYB108	ATPIN1	PIF1	LFY	TOE3	AtHB31	ARF1-BP	ATHB25	AIL5	ATERF11

43	ATHB-14	FD-GOGAT	JAG	HY5	RDO2	AGL20	AtHB33	ATHD2A	AGL15	LUG
44	LUG	AGL20	ERL2	RGA	RGA	ARR22	TCP10	OBP1	LHW	AtMYB51
45	IAA2	BBX14	RVE1	RDO2	PIF1	HY5	JGL	YAB3	FMA	PARP1
46	RPT2a	TCP10	ATHB-4	ALC	ATMIXTA	ATBZIP61	SPCH	AtHB33	AtGRF3	IAA2
47	ROXY1	TCP3	ATB2	TOE3	AT-GTL1	ATHB-4	MEE35	BLH3	AT5G66940	JAG
48	ATPIN1	CRF3	BHLH136	AtGRF3	BLH9	LUG	DDL	HEN2	HEN2	AtTCP15
49	AHK3	ATNPR1	TCP3	SPCH	FMA	PIF5	EDF4	ATERF11	AtMYB108	ATHB25
50	ATTCP24	PIF5	BLH9	AGL9	ARR4	ATHB25	LUG	ER	AHK3	HUB1
51	ATHB-15	ANAC083	AtTCP15	ATB2	CYP78A5	BLH9	AtGRF1	ATTCP24	AT4G38840	ATHB-15
52	AT1G61660	BEL1	AtHB31	ATHB-2	AtTCP15	TCP3	AS1	AP2	AGL22	RPT2a
53	HUB1	AT3G06220	ATBZIP61	FMA	UNE10	ATHB-2	BEE2	ATMAPK3	RPT2a	ATICE1
54	JAG	ATO	DDL	BEE2	ATMYC2	AGL24	IAA2	IAA14	ATICE1	AGO1
55	BEL1	FMA	TOR	YAB3	BEE3	ATNPR1	IAA3	ATHB-2	ROXY1	AtGRF2
56	AT5G66940	ATRBOH F	ATMIXTA	JGL	ATBZIP9	BHLH136	AtbZIP1	ATHB-8	ATMYB29	ATHB-8
57	BLH9	ORTH2	AIL6	AtTCP15	ERL2	APRR7	AT5G51190	FD-GOGAT	AtTLP8	TCP10
58	HBI1	PARP1	UNE10	TCP3	TCP3	ATB2	UNE10	NF-YB3	AT-GTL1	AtMYB108
59	AT-GTL1	BEE2	AtGRF3	ATHB-4	MIF1	JAG	AGL24	AGL22	AIL6	ATCPK32
60	ATCPK32	AT-GTL1	ERF104	ERL2	AT4G17810	ABCG15	YAB3	ATCOL3	AS1	RPK1
61	AT4G38840	ATCOL4	AtRAV2	AT1G62500	ATAIG1	PIF1	PIF5	AGL15	LUG	CRF2
62	PRK	ERL2	APRR7	BHLH136	ERF104	SNZ	RPT2a	AS1	ATMAPK3	ATMAPK3
63	ATHB-8	AGL15	MIF1	AT3G17100	RVE1	UNE10	ARR4	ATCPK32	TGA3	HBI1
64	ERL2	AtTCP15	SPCH	EDF4	BEL1	RVE1	AIL7	ATSAHH1	HBI1	CBB3
65	ATMAPK3	ATCPK32	EDF4	AT3G06220	ATBZIP61	GH3.5	BP	IAA16	APL	ERL1
66	PARP1	ARR4	AtMYB108	AtHB31	ARR21	ERL1	AtRAV2	AT5G66940	ATHB-14	AT3G06220
67	ATBRI1	HBI1	ATPIN1	AtRAV2	AtMYB108	ARF1	AT2G44940	AtGRF3	PRK	AT-GTL1
68	ATMKK2	AN3	ATMKK2	TCP10	ATSIG5	AtTCP14	AGL22	AHK3	ORTH2	AHK3
69	ATMYB29	BLH1	SNZ	ERF104	AtGRF3	AtZAT12	AT5G66940	BLH9	IAA2	ATPIN3
70	ATHB-2	CBB3	AtHB33	ATAIG1	ATHB-15	AtGRF2	ATERF-9	HD2C	ANN1	ARR4
71	GATA21	ATHD2	HBI1	AtGRF5	CPC	AtMYB17	SNZ	ATHB-14	ATPIN1	ATMIXTA
72	JAZ1	CYC1	JGL	APRR7	PAP3	CRF12	ATHB51	AtTCP11	VHA-A	BEE2
73	CRN	TGA3	ATAIG1	AT5G51190	EDF4	CRF2	ROXY1	ATBRI1	GASA6	ATRBOH F
74	AtMYB51	ANN1	AT4G17810	TOR	AtGRF1	ATMIXTA	ATERF11	ATMKK2	AT1G31310	TOE3
75	AtTLP8	IAA14	GH3.5	BLH9	ATBT2	YAB5	TOE3	CRN	ATCPK32	AtHB33
76	TGA3	ATHB-1	IAA28	AT1G23000	DDL	ARF1-BP	RAP2.4	IAA3	ATHB-8	SNZ
77	PIF5	ATHB-2	TCP10	ATERF11	AT1G01250	RPT2a	AXR3	ATGLK2	JAZ1	ATBZIP9
78	GASA6	AGO1	ARF1-BP	ARF1-BP	AtRAV2	AtTCP15	ETC1	PIF5	JAG	AT4G17810
79	AtTCP11	RPT2a	ATBZIP9	ATBZIP61	TCP10	ATERF13	BLH9	BLH1	AT1G61660	CHR3
80	HEN2	ATHD2A	AtZAT12	AIL6	ATERF12	AtRAV2	LFY	AtGRF1	AT1G63100	AtGRF3
81	ABI5	OBP1	BP	TMO6	AtHB31	RPK1	AT1G61660	OBP4	ATSAHH1	GATA21
82	AIB	AIL6	PAP3	IAA3	MEE35	ABI5	PAP3	AT3G20010	AT3G20010	ATHB51
83	ORTH2	JAG	ATERF11	IAA28	AGL3	ROXY1	PIF1	AT4G38840	SKS1	JAZ1
84	ATPIN3	AT1G61660	MEE35	ATMIXTA	GAI	PARP1	ATHB-14	TGA3	BLH9	ROXY1
85	STZ	ER	ATMBF1C	GH3.5	AIL6	AGO1	ATTCP24	ROXY1	ATMKK2	ATTCP24
86	AGL9	PMDH2	CRF2	AGL25	SNZ	ATWRKY40	AtTCP11	VHA-A	ER	YAB3
87	APL	LUG	AtGRF1	AtMYB108	BLH3	BBX24	ERL2	ATHB51	ATHMG	AtMYB17
88	BAM2	GL3	IAA3	IAA30	IAA28	AT2G44940	AT4G38840	PRK	ATBT2	CRN

89	FD-GOGAT	ABH1	ATNPR1	ATMBF1C	BP	BP	EDF1	AT-GTL1	ATBRI1	IAA3
90	AT1G29270	AT-HSC70-1	AT3G06220	ATERF12	AtHB33	ATHB51	AIB	ATBT2	AtMYB51	AtGRF1
91	AT2301	AT-SYR1	AGL25	CRF2	AtMYB3R4	AGL25	ATHB-4	ATHMG	AT5G25475	ATHB-4
92	AtGRF1	ATHB9	AT-GTL1	MIF1	SPCH	ATCBF1	GH3.5	AtTLP8	AtTCP11	ATBRI1
93	MEE35	AtGRF2	AGL24	AT5G25475	ATEBP	MIF1	AXR5	JGL	AT1G29270	ATB2
94	AT5G25475	AtMYB108	BEE2	RPS2	APRR7	CHR3	MIF1	ATMYB29	ATHB9	AtZAT12
95	AT3G06220	BLH3	ARR22	AtbZIP1	FD-GOGAT	AtMYB108	BEL1	SPCH	CRN	SPCH
96	AGL24	LHY	AtGRF5	HUB1	AT5G51190	P1R1	AHK3	ANN1	AGL9	CRB
97	ATGLK2	YAB3	AT5G51190	UNE10	ATMBF1C	AXR3	IAA16	AT2G28810	PARP1	ATMYB15
98	RPS2	ATHB25	LUG	SNZ	ATPIN1	DDL	ATERF-2	ATICE1	ABI4	ATERF13
99	AT4G31805	ATMYB29	ATERF12	AT5G66940	ATERF11	ERF104	AtMYB17	GATA21	AIB	NPL1
100	ARF1	AtMYB3R4	P1R1	ATMYB15	TOR	CRB	HUB1	ACL5	ATGLK2	ATMYB29
101	AT3G17100	ABI4	CRF12	MEE35	AT3G06220	ATBZIP9	GAI	HBI1	STZ	BEL1
102	ATB2	AtHB33	YAB3	ATHB-8	HBI1	ATPIN3	AtHB31	AT2301	BAM2	ABI5
103	AT2G01210	JAZ1	ARR4	PAP3	AtNIK1	HY3	RPS2	GATA17	ATCOL3	ACO2
104	ATCOL3	AHK3	AIL7	AT4G17810	OBP1	RAP2.4	ATHB-8	APL	ABCG36	BAM2
105	ABC1	ATGLK2	ATPIN3	ATMAPK3	AtZAT12	ATMBF1C	BEE3	ORTH2	AT2301	TGA3
106	ATBT2	BAM2	AtIDD2	RPT2a	IAA3	ATBRI1	HBI1	ATCDC5	ATHB-2	BHLH136
107	BP	ATSIG5	AtbZIP1	ATERF-9	ACO2	ATAUX2-11	ATBRI1	AXR3	GAPC-2	P1R1
108	CYCD3	ATTCP24	AT2G44940	BP	ATGLK2	AtGRF1	ESE3	BAM2	ACL5	AT5G25475
109	BLH1	RPK1	ERL1	AtZAT12	ATHB-1	ATCDPK3	bHLH071	JAZ1	ERL2	JGL
110	RIP4	ATPIN3	AtMYB17	CRF5	AT5G66940	CRF5	AT1G09250	IAA2	GATA21	AT5G66940
111	NF-YB3	IAA2	BZR1	P1R1	HUB1	MEE35	AT-GTL1	ERL2	CYC1	HEN2
112	AXR3	PRL1	PARP1	AT5G43020	AIL7	ABF3	ARF1	ATB2	BLH1	AXR3
113	AT1G31310	AP2	BEE3	ATPIN1	AT4G38840	IAA28	CRN	ATPIN1	ABC1	CYCD3
114	ATHB9	CRF2	CRF5	IAA14	AIB	AIL7	ATERF6	SNZ	PIF5	CRF5
115	IMK3	ANAC055	RPT2a	ATNPR1	JGL	AG	ERF104	AT3G06220	HD2C	STZ
116	ATCDPK3	ATARCA	ATHB51	AtIDD2	ABI4	AtbZIP1	ATCPK32	AIB	RPS2	ATPIN4
117	IAA14	ABCB19	ATERF-9	ATPIN3	BEE2	ATSERK1	AT2301	GASA6	ATHD2A	ASML1
118	AtPMS1	ATBT2	AT5G66940	AIB	YAB3	AT2G01210	IAA19	ABI4	ABI5	ARP4
119	AT3G20010	AT3G20010	AtMYB51	AtMYB51	BBX25	NPL1	BZR1	PARP1	AtHsp90-7	AtMYB3R4
120	BBX24	ATMYB59	ATEBP	AT-GTL1	ATERF-9	AtGRF3	ATMKK2	GL3	ATPIN3	IFL
121	CLEL 9	ATCOL3	HUB1	CRF12	ETC1	SPCH	AtTLP8	ATPCAP1	ARAC7	ALC
122	ARF8	GAPC-2	RAP2.4	TCP2	ICE2	EDF4	ABF2	CYCD3	ICK6	AtTCP11
123	MIF1	ACL5	ATHB-8	LUG	ATMKK2	CRN	ATHB-15	AT1G31310	AT3G06220	ORTH2
124	ICK6	ERL1	ATMYB15	ARR22	AT2G44940	ATERF11	AT1G77200	AT1G63100	AT3G17100	AT3G17100
125	IAA3	STZ	CBB3	ATMYB29	AT3G10760	AT4G17810	LCL5	3xHMG-box2	BIN4	PRK
126	ACL5	VHA-A	IAA30	AGL24	ARF1-BP	AHK3	AT4G17810	AT1G61660	MCM4	ATWRKY40
127	AT4G17810	NF-YB3	AT3G17100	AtGRF1	IAA16	PAP3	IAA28	LCL1	RIP4	BLH1
128	BGT	ATMYB15	BBX24	ATERF-1	GH3.5	AtIDD2	ATPIN1	BHLH136	AtHsp90.2	AT4G38840
129	ATMYB15	AT4G17810	ATHB-15	anac096	CRF2	ATMKK2	ATAIG1	AL7	CLEL 9	ATBZIP61
130	LHY	ATMIXTA	ATERF13	ARAC7	BT3	JGL	ATMAPK3	ATHB9	ATMCB1	ANAC083
131	AT1G76110	AT1G76110	ROXY1	anac081	AtIDD2	AXR5	CRF5	RPS2	AtGRF1	AGL9
132	RVE1	AQP1	ETC1	ATBZIP9	ATTRP2	EDF1	GASA6	AtMYB17	MEE35	IAA30
133	SKS1	IAA16	AT1G23000	BEE3	ATCOL3	IAA3	AT3G06220	AtMYB51	BT3	ABCB19
134	PTL	ATBZIP9	AIB	RAP2.4	ATMYB15	AtGRF5	AtGRF5	ATCAD7	ATPCAP1	ATGLK2

135	AtCOR47	AT5G66940	AGO1	AIL7	AtGRF5	ATWRKY70	ATBZIP61	SKS1	AT4G31805	IAA16
136	OBP1	PTL	AHK3	ETC1	ATPIN3	AT4G31805	ATCAD7	AGL3	IMK3	AT1G23000
137	IFL	ATICE1	ABF3	AtTLP8	AT1G70000	ATCPK32	ATERF-1	AtHsp90-7	CYCD3	MIF1
138	BAM1	ATPIN4	EDF1	IAA16	ATERF-2	CBB3	ATERF12	ATE2FA	3xHMG-box2	AtIDD2
139	RAP2.4	AtGRF3	AXR5	Rap2.6L	ERL1	ARP4	AIF1	ABCG36	OBP1	PRL1
140	ADA2B	APC6	ASML1	ARF8	HAT2	ARF7	ATCBF2	ALC	PTL	AIB
141	3xHMG-box2	CHR3	ATCBF1	LCL5	ATERF-4	AtCYP71	ATMYB29	ANAC008	LCL1	CRF12
142	AT1G22690	AGL9	ATCPK32	bHLH071	CBB3	TCP10	ABCG15	AT1G29270	AtCOR47	AT2G01210
143	ABI4	AT5G47390	AG	PARP1	P1R1	HBI1	AT1G29270	STZ	GIF2	ATSYP122
144	ER	AGL3	HAT2	ATERF-2	AtMYB51	AtMYB51	ATCOL3	AT4G17810	IFL	ATCRY1
145	BT3	ATSAHH1	AT4G38840	HAT2	TCP2	AtHB33	ATWRKY44	BIN4	AT5G03870	ATSERK1
146	AHK2	IAA3	AXR3	ARR4	AGL24	FLU	CYCD3	AGL9	AT1G76110	AT3G07340
147	AT5G01910	ATCDC5	CPC	AIF1	ATNPR1	ATHB-8	PARP1	AtHsp90.2	ADA2B	ATGID1B
148	GAI	ATGID1B	CGA1	ESE3	ABF3	AT1G06070	ARF8	AT5G25475	AT2G01210	AT-SYR1
149	AZF2	ACO2	TCP2	ATHB-15	AtMYB17	ATAIG1	OBP1	BT3	AT5G01910	ATWRKY70
150	AT1G23000	ATMAPK6	ARF1	AT4G38840	ATBZIP34	ATEBP	ATGLK2	GAPC-2	AGL24	AT4G30130
151	ATSIG6	BIN4	ATMAPK3	AT1G77200	IAA8	AT-GTL1	ATCBF3	ABI5	ARF1	AtTLP8
152	AOS	AtHsp90.2	RPS2	ATHB51	AHK3	AtGRF7	MYB77	AT2G01210	ATCAT3	ABF3
153	SPL3	ARAKIN	ACO2	HEN2	AGL25	AT3G06220	BLH1	ATMCB1	BP	ATCOL3
154	AT5G03870	CYCD3	RPK1	CBB3	BBX24	APC7	TMO6	AtCOR47	CDC27b	AT1G62500
155	GIF2	APC8	ABF2	AT1G01260	CRF12	BUM	PRK	GIF2	ATWHY1	RPS2
156	ATSIG5	SNZ	AGL9	EDF1	AtMYB50	ARR4	AGL9	TOE3	ATB2	AT4G30410
157	ARAC7	CRN	Rap2.6L	ATEBP	ESE3	AtPMS1	BLH3	ATSWI3A	AtPMS1	BGT
158	ABCG36	AT4G38840	ARF8	ABF2	AT5G54630	ABR	SPA4	AT2G36930	ATE2FA	AtMYB60
159	LCL5	ATPCAP1	AtTCP14	CGA1	HYH	AT5G51190	AtNIK1	AT3G06750	ATMPK11	GASA6
160	JAS1	ATHB51	ATTCP24	IAA19	STZ	ABCB1	ATHB-16	IFL	BGT	ANAC055
161	AIF1	DOT2	ATERF-1	CIR1	ATHB51	AT4G30130	AT4G31805	BGT	AXR3	BBX24
162	JGL	AtAUR3	HYH	AG	AtTCP11	CGA1	AT5G54630	CRF5	ATCDPK3	OBP1
163	BIN4	ATBZIP10	ABCG15	ATCPK32	ARR22	IAA19	AT2G01210	ATPIN3	ATRBR1	ATCEL2
164	CYC1	ATBARD1	IAA16	ATERF13	WRKY21	ACO2	BAM2	PTL	ARF8	ATBZIP10
165	ATHB-16	ATPIN7	AtTCP11	BGT	AT1G23000	ATERF12	AT2G31730	ABC1	CENH3	BUM
166	EMB2810	ATRPA1A	ATERF-2	ROXY1	NF-YB3	HYH	BEE1	CYC1	AZF2	AtPMS1
167	ATCEL2	AtTCP11	AT1G62500	AtMYB17	AtIDD14	AOS	ATMYB94	TMO6	AXR1	AT1G76110
168	VHA-A	AtGRF1	ATMYB29	ATPIN4	PARP1	IAA30	ATAUX2-27	MEE35	BAM1	AtHB31
169	AT1G01260	ARAC7	BEL1	AT2G44940	CIR1	BEE2	ATPIN3	HTA11	ATSIG5	AT2301
170	PSB29	ATDCL3	ESE3	AtMYB50	AXR5	WAVH1	TGA3	AXR1	AT1G22690	AGL24
171	ATGL1	OBP4	IAA19	AGO1	AT2G28810	AT3G17100	JAZ1	G-H2AX	ATMYB15	ATCAD7
172	NRPD1	COBL1	AT1G01250	ATCBF1	ATHB-8	CRF10	ATERF-5	ATHB-4	BBX24	AT-EXP1
173	ATMPK11	BT3	ATERF6	ATCOP1	ATCAD7	PRK	AT2G28810	ATRBR1	ATGPA1	ATBT2
174	SPT	ROXY1	AtMYB50	ERL1	CGA1	ATERF-9	YAB5	41518	ATHB6	FD-GOGAT
175	ATGA3OX2	ATBRI1	ATRBOH F	AT1G29270	bHLH071	ATNR2	ATERF-4	ADA2B	IAA3	ATSIG5
176	AtNIK1	ATSYP122	bHLH071	GASA6	LUG	ATTCP24	anac081	MCM4	MIF1	RIP4
177	ATERF13	AtTLP8	GAI	ATERF6	AtbZIP1	SMZ	APL	AT2G35310	AT4G17810	APC6
178	MCM4	ABA1	WRKY21	AT3G07340	RAP2.4	CYCD3	AtGRF7	AGL24	AHK2	AT1G29270
179	RPK1	TGA1	AtGRF7	ARGOS	CRF5	AT4G30410	ABI5	AXR5	GAI	ATCDPK3
180	AP3	AT1G79950	CYCD3	AXR5	PTL	BZR1	AtMYB51	MIF1	AN	AT5G43020

181	ATMCB1	AT2G28810	CHR3	DYT1	SPA4	NQR	BHLH134	ARAC7	ATGA3OX2	RLK
182	ERL1	SPCH	AtMYB3R4	ATTCP24	IAA30	JAZ1	HEN2	HTA9	ATSIG6	BLH3
183	ATXR6	AT-GT2	AT1G77200	BAM2	ABF2	ETC1	ATSIG6	AT5G25840	RVE1	ATHB9
184	GAPA	ACO4	MYB77	CYCD3	ATRBOH F	ATPGIP2	BEN1	AT3G10760	LIL3:1	PTL
185	GAPC-2	ATCPSF100	anac096	IFL	ATWRKY44	SPA4	AT3G10760	ATXR6	RAP2.4	BP
186	ATWHY1	MCM4	AtTLP8	AT1G31310	ATCPK32	ATMYB15	AT3G17100	ICK6	AT1G23000	AtNUDT7
187	CENH3	PRK	AT4G30410	AT4G30410	ATERF-1	ATRBOH F	AT1G01250	BP	LHY	WRKY21
188	AT1G01250	AT3G17100	AT3G07340	IMK3	RPS2	ABF2	AtCOR47	ARF8	c-NAD-MDH1	ATWRKY53
189	PAP3	NPL1	AT5G25475	WRKY21	ANAC083	BEN1	ATMYB23	RIP4	SPL3	MEE35
190	AtHB31	AtMYB17	RAP2.4	AHK3	ATTCP24	AtTCP11	AT1G01260	CLEL 9	JAS1	AXR5
191	SAC51	AT1G31310	ATPIN4	CPC	MYB77	LCL5	ABC1	AT5G07810	UMAMIT5	ASU1
192	AtMYB60	AT1G23000	AT1G06070	BBX24	EDF1	AT4G36180	ATHDG11	AT3G17100	AOS	ARF1
193	AGL44	AtMYB28	BLH1	NRPD1	ATMAPK3	HAT2	ARF12	AT5G42700	AIF1	ARF8
194	BBX14	BGT	ATSIG6	CKRC1	ATSIG6	YAB3	ATBT2	ATPCNA2	PSB29	IMK3
195	OBF5	CRB	LCL5	AT2301	ARR10	ATCEL2	AHK2	AtPMS1	ATXR6	ABR
196	AXR1	TOE3	AT1G09250	ICK6	AT1G09250	Rap2.6L	STZ	CENH3	EMB2810	AT5G63960
197	HSL1	ATMYR1	TMO6	AXR3	AXR3	AGL8	AT5G07580	JAS1	BBX14	COBL1
198	AT1G63100	AT1G62500	ATBZIP34	ABF3	AT1G77200	ABF4	BGT	AT1G76110	HSL1	AT4G36180
199	c-NAD-MDH1	AXR1	SPA4	ABC33	Rap2.6L	AT5G66940	CYP78A7	ARR10	NRPD1	ATDCL3
200	AL7	JGL	BAM2	AT2G31730	ARF8	ATH1	BBX24	AT4G31805	CHR24	APL