

Figure S1

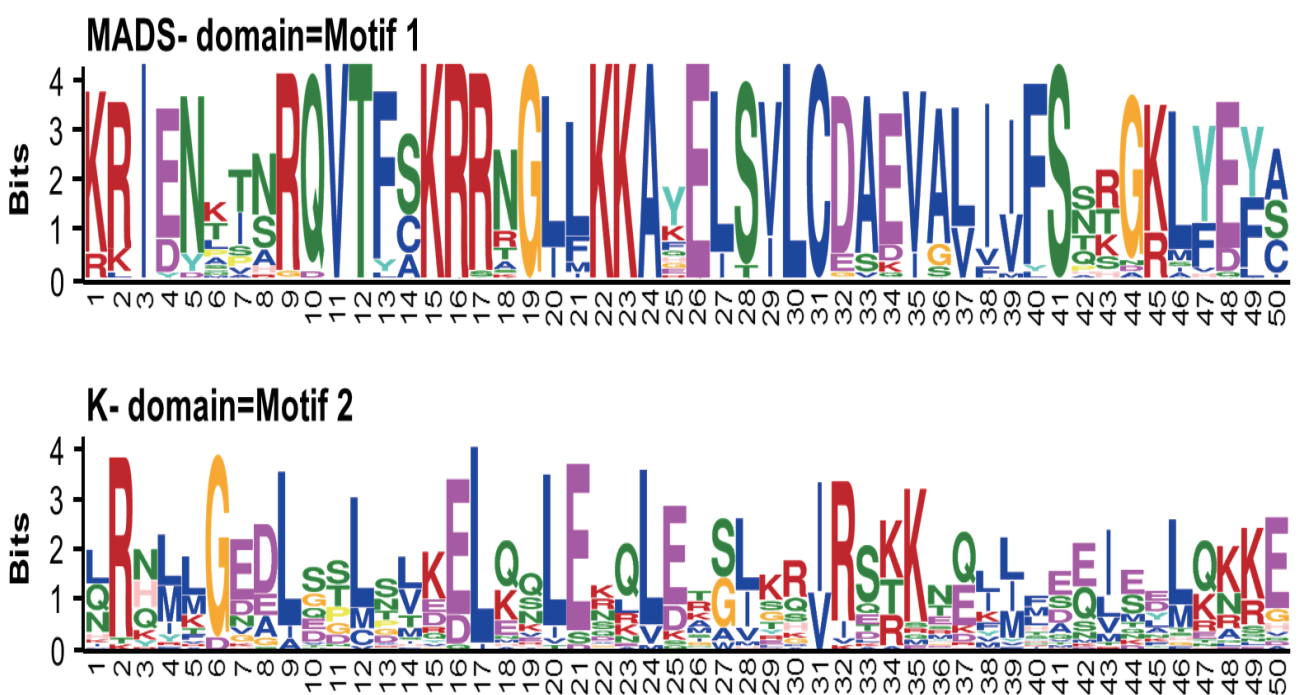
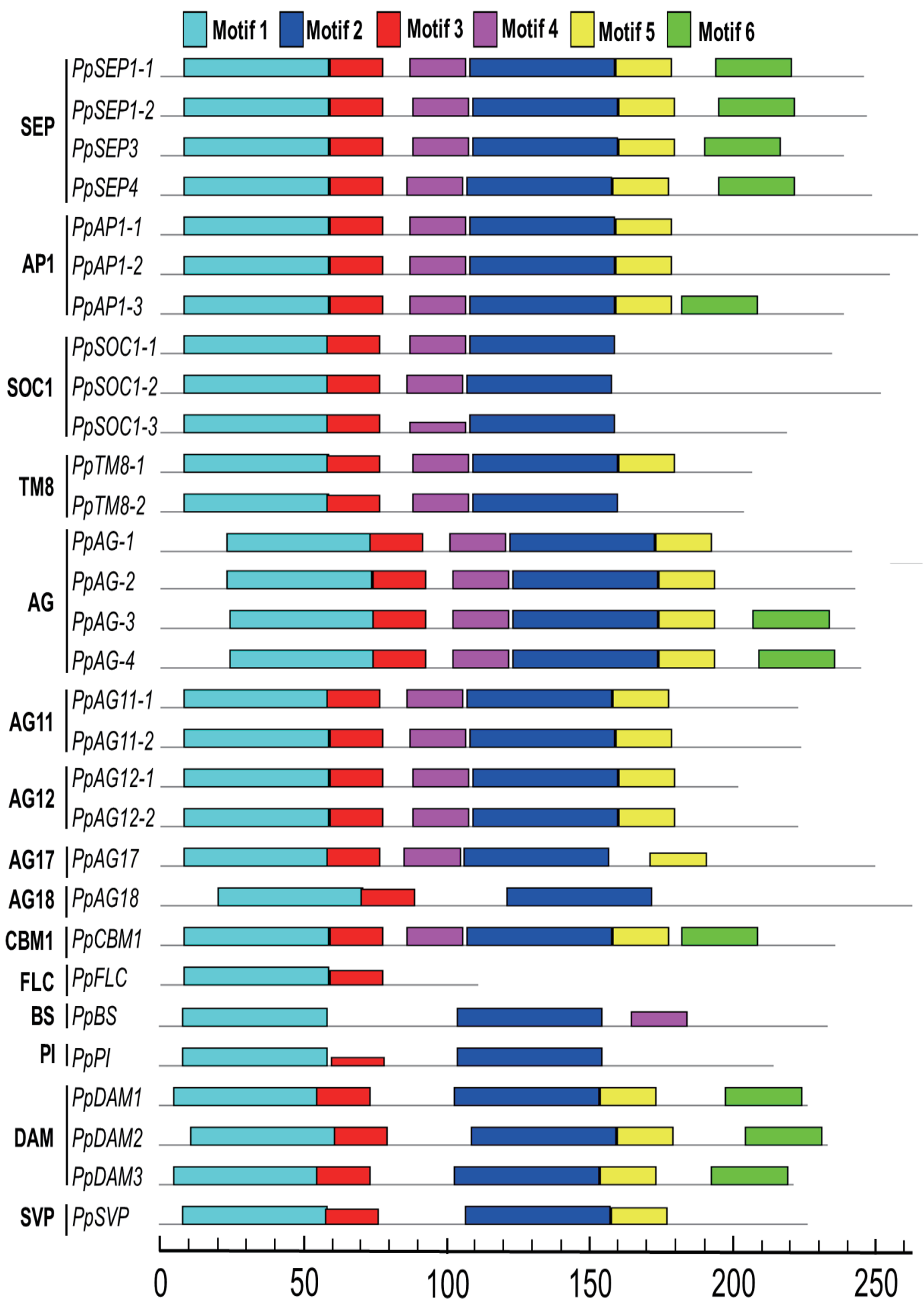


Figure S2

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+ GAGGAATAGA AGTACCACGC ATAAATTTAT TATTTATAT AAATAATAA ATAAATAAAA GCATATGAAG
 - CTCTTATCT TCATGGCTGG TATTAATAA ATAAATAATA TTTATTTAT TATTTATTTT CGTATACTTC

+ AGATTGCACT GCAGGGAAGA CGAGAGGGCC GGCCGGGATG GCAACCGTGG AAGAGGGTTT GGCCGACGGT
 - TCTAAGCGGA CGTCCGCTGT GCTCTCCCGC CCGGCCCTAC CGTTGCCACC TTCTCCCAA CCGGCTGCCA

+ GGATGGCCGG TGTGTCAGCG ATTGCTGCTA CCGCTGCTCT TTAGGATAAA GAAGTGAGAG AGACGAGGTG
 - CCTACCAGCC ACAACCTGCG TAACGACGAT GGCGACGAGA AATCCTATT CTTCCTCTC TCTGCTCCAC

+ GATGNSAGCA CACCTAAAAA GAAATAAAC GAGAATCCCC ACTCAGTTAG ATATGAACAA ATCTAAGAGA
 - CTACACTGCT GTGATTTTCT CTTTATTGG CTCTTAGGGG TGAGTCAATC TATACTTGT TAGATTTCTT

+ TTCCATATTT TACTGTGCT CATTCCACA TATATTATGA ACGGTGGTGA TCGCATTGAT CACTCATCAC
 - AAGGTATAAA AATGACAGCA GGTAAAGGTG ATATAATACT TGCCACCACT AGCGTAAAGTA GTGAGTAGTG

+ GCCAATGAT TTGCGTCCA CGTTCTTAC CTTAAAAATA TCCAAAAATA GGAAAGGAA ACAACAGTT
 - CCGTGGACTA AAGCAAGGT CCAAGAATG GAATTTTAT AGGTTTTTAT CCTTCTCTT TGTGTGCAA

+ GATATTAAG CGAGATATAT CTTATTTTC TATAAATAG AAATTAAT CGCCAACCTA TCCTTTCTAG
 - CTATAATTC GCTCTATATA GAATAAAAAG ATATTTATCC TTAAATAA GCGGTGGAT AGGAAAGATC

+ AACCAACGGC AGCACCCGAA CTCTCTCTCT CCTCTCTGTT CTCTCTTTC CAAAATATCT TTGGTTCTCT
 - TTGTTGGCCG TCGTCCGCTT GAGAGAGAGA GGAGAGACAA GAAGAGAAAG GTTTATAGA AACCAAAGGA

+ TTCACTGCTC TGCAAAATTC CCAAACTTC AGACCTGAAA CTCGCCGACG AAGGTAAACA AATAACAACG
 - AAGTGACGAG ACCTTTAAAG GGTTTGGAAG TCTGGACTTT GAGGGGCTGC TTCCATTGT TTATTGTTGC

+ GAAAACCCAG TAAATAATTT ATGTATGGTT TTTTTTTTTC TTCTCTCTT CGATTGGTGG TAAATACAAA
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+ TCTGAGATGC TAGGGTTTGA GGTCAATATC TTTAACTTA TAAAAATACC CAGAAAAAT ACGGTAGTTT
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+ TTGAGTTGT GAACAGTTAT ATATGTGAAA AGTGCATGGT TGGTTTATTT TTTATTTATTT GATTAATG
 - AACTCAACA CTTGCAATA TATACACTTT TCACGTACCA ACCAAATAAA AATAAATAAA CTTAATTAAC

+ TTTTGAAGG GGTAGGAAGA
 - AAAAATCC CCATCTCT

+ 5UTR Py-rich stretch
 + AAGAA-motif
 + ACE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ACE	Petroselinum hortense	437	-	7	ACGTGGA	cis-acting element involved in light responsiveness
ACE	Petroselinum crispum	770	-	9	CTAACGTATT	cis-acting element involved in light responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
AE-box	Arabidopsis thaliana	477	+	8	AGAAACAA	part of a module for light response

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ARE	Zea mays	9	-	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction
ARE	Zea mays	951	+	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction
ARE	Zea mays	726	+	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction
ARE	Zea mays	622	+	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction
ARE	Zea mays	808	+	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Box 4	Petroselinum crispum	973	+	6	ATTAT	part of a conserved DNA module involved in light responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Box-W1	Petroselinum crispum	861	-	6	TTGACC	fungal elicitor responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
C-repeat/DRE	Arabidopsis thaliana	200	+	8	TGGCCGAC	regulatory element involved in cold- and dehydration-responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CAAT-box	Hordeum vulgare	143	-	4	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Arabidopsis thaliana	753	-	5	CCAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Brassica rapa	643	+	5	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Hordeum vulgare	977	-	4	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Brassica rapa	338	+	5	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Brassica rapa	967	+	5	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Brassica rapa	689	+	5	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Hordeum vulgare	864	+	4	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Hordeum vulgare	231	-	4	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Glycine max	976	-	5	CAAT	common cis-acting element in promoter and enhancer regions
CAAT-box	Brassica rapa	429	-	5	CAAT	common cis-acting element in promoter and enhancer regions

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CATT-motif	Zea mays	403	+	6	GCAATC	part of a light responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CCAAT-box	Hordeum vulgare	182	+	6	CAACGG	MYBvl binding site
CCAAT-box	Hordeum vulgare	696	+	6	CAACGG	MYBvl binding site

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CGTCA-motif	Hordeum vulgare	285	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
G-Box	Pisum sativum	439	+	6	CACGTT	cis-acting regulatory element involved in light responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
G-box	Zea mays	439	+	6	CACGTT	cis-acting regulatory element involved in light responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GAG-motif	Arabidopsis thaliana	580	-	7	AGAGAGT	part of a light responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
L-box	Lycopersicon esculentum	949	-	11	AAATTAACCAAC	part of a light responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	324	-	6	TAACTG	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	924	-	6	TAACTG	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	486	-	6	TAACTG	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	423	+	6	TAACTG	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	790	+	6	TAACTG	MYB binding site involved in drought-inducibility

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
O2-site	Zea mays	417	-	9	GTTGACGTGA	cis-acting regulatory element involved in zein metabolism regulation

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Sp1	Zea mays	69	-	5	CC(G/A)CCC	light responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TATA-box	Nicotiana tabacum	353	+	9	CCATCTTTT	cis-acting element involved in salicylic acid responsiveness
TCA-element	Brassica oleracea	739	-	9	GAGAGGATA	cis-acting element involved in salicylic acid responsiveness
TCA-element	Brassica oleracea	597	-	9	GAGAGGATA	cis-acting element involved in salicylic acid responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCCACCT-motif	Arabidopsis thaliana	445	+	6	TCTTAC	part of a light responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TGACG-motif	Hordeum vulgare	285	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Unnamed_1						
Unnamed_11						
Unnamed_2						
Unnamed_3						
Unnamed_4						
W box						
WUN-motif						

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
WUN-motif	Brassica oleracea	528	-	9	AAATTCCT	wound-responsive element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
circadian	Lycopersicon esculentum	614	-	9	CAAGATATC	cis-acting regulatory element involved in circadian control

Figure S3

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+ ATTTATTTAA ATTAATAAAA TCATATGAAG ATATTGCTTT GCAGAGAAGA CGAAGGGGCC GGGATGGCAA
- TAAATAAATT TAATTATTTT AGTATACTTC TATAACGAAA CGTCTCTTCT GCTTCCCCGG CCTTACCGTT

+ TGGTGAAGA GGGTTGGAG AATGCGGCTA CTGAAACTCG GGGTTGGGG TTTGGGGAGT TTTGTTTCAC
- ACCACCTTCT CCCAAACCTC TTACGCCGAT GACTTTGAGC CCCCACCCC AAACCCCTCA AAACAAAGTG

+ AAGTGGGAGT GAGTATTGCC AGCAAGTGT GCAGCGATCG CTGCTACCGT TGCTGTTTGG GATAAAGAAG
- TTCACCTCA CTCATAACGG TCGTTCACAA CGTCGCTAGC GACGATGGCG ACGACAAACC CTATTTCTTC

+ TGAGAGAGAC GAAGTGGGTG AGGAAAATCA ACGGTGTGGT ACGTAAAAAG AATTAACGT AGAATCCCCA
- ACTCTCTG CTTACCCAC TCCTTTAGT TGCACACCA TGCAATTTTC TTAATTTGCA TCTTAGGGT

+ GCCTTACTGT CGTCCAGTCC ACATATTATA GACGGTCTG ATCGCATTCA TGACTCATCA CACCAACTGA
- CGGAATGACA GCAGGTGAGG TGATAATAT CTGCCAGCAC TAGCGTAAGT ACTGAGTAGT GTGGTTGACT

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- AAACACAAGG CGCAAAGATT GGAATACAAG GGTTTTTTAT AGATTTTTCT GTTTTTCCGT GTTTGCTACT

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+ ACTGCCGGCA GCATCCCAAC TCTTCTCAT CTCTCTCTT CTCTTTCCAG AATTGCTGGC TTTTCTTCG
- TGACGGCCGT CGTAGGGTTG AGAAAGAGTA GAGAGAAGAA GAGAAAGGTC TTAACGACC GAAAGAAAGC

+ CTGTCTGCA AATTCCTGA AACTTCAGAG ACCTAAAACC CCCCACGAA GGTAACAAG TAACAACGGA
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+ AAACCCAGTG TAATTAATTT ATGTATGGTC TTCTCTCTC TCCCTCTTCT TCTTCTCTT ATGGTAGATA
- TTTGGTCTC ATTAATTAATA TACATACCAG AAGGAGGAGG AGGGGAAGA AGAAGAAGAA TACCATCTAT

+ CTGTAGGCTT GTTGGACAGT TGATTGTGGT GGGTTTTCT GGGTTTTGT TTTCTTTATA GATCTGAGAT
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


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+ AATTATAAT AAAAAAAT ATATGCTAGT TTTGAGTTT GTGGACGAT ATATATATGT GAAAAGTGGT
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+ TGTTTTATTT TATTTATTTG AATTAATTTG TTTGACGGG GTAGCAAGAA ATGGTGGAAA GGATGAAAGA
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

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 5UTR Py-rich stretch
 AAGAA-motif
 Box 4

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Box 4	Petroselinum crispum	11	+	6	ATTAAT	part of a conserved DNA module involved in light responsiveness
Box 4	Petroselinum crispum	643	+	6	ATTAAT	part of a conserved DNA module involved in light responsiveness
Box 4	Petroselinum crispum	463	+	6	ATTAAT	part of a conserved DNA module involved in light responsiveness
Box 4	Petroselinum crispum	932	+	6	ATTAAT	part of a conserved DNA module involved in light responsiveness

 Box-W1

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Box-W1	Petroselinum crispum	825	-	6	TTGACC	fungus elicitor responsive element

 CAAT-box
 CATT-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CATT-motif	Zea mays	90	-	6	GCATTC	part of a light responsive element
CATT-motif	Zea mays	324	+	6	GCATTC	part of a light responsive element

 CCAAT-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CCAAT-box	Hordeum vulgare	239	+	6	CAACGG	MYBHv1 binding site
CCAAT-box	Hordeum vulgare	624	+	6	CAACGG	MYBHv1 binding site

 G-box


Site Name	Organism	Position	Strand	Matrix score.	sequence	function
G-box	Zea mays	315	-	6	CACGAC	cis-acting regulatory element involved in light responsiveness

 GA-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GA-motif	Glycine max	427	+	8	AAGGAAGA	part of a light responsive element

 GAG-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GAG-motif	Spinacia oleracea	518	-	7	AGAGATG	part of a light responsive element

 GC-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GC-motif	Zea mays	109	-	6	CCCCGG	enhancer-like element involved in anoxic specific inducibility

 GCN4_motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GCN4_motif	Oryza sativa	331	-	7	TGAGTCA	cis-regulatory element involved in endosperm expression

 HSE


Site Name	Organism	Position	Strand	Matrix score.	sequence	function
HSE	Brassica oleracea	383	+	9	AAAAAATTC	cis-acting element involved in heat stress responsiveness

 LTR

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
LTR	Hordeum vulgare	577	+	6	CCGAAA	cis-acting element involved in low-temperature responsiveness

 MBS


Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	344	+	6	CAACTG	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	717	-	6	CAACTG	MYB binding site involved in drought-inducibility


 Skn-1_motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Skn-1_motif	Oryza sativa	330	-	5	GTCAT	cis-acting regulatory element required for endosperm expression


 Sp1

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Sp1	Zea mays	599	+	5	CC(G/A)CCC	light responsive element
Sp1	Zea mays	669	+	5	CC(G/A)CCC	light responsive element


 TATA-box

 TATC-box


Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TATC-box	Oryza sativa	198	-	7	TATCCCA	cis-acting element involved in gibberellin-responsiveness

 TC-rich repeats


Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TC-rich repeats	Nicotiana tabacum	229	-	9	ATTTCTTCA	cis-acting element involved in defense and stress responsiveness

 TCA-element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA-element	Brassica oleracea	524	-	9	GAGAAGAATA	cis-acting element involved in salicylic acid responsiveness

 Unnamed_4

 W box

 chs-Unit 1 ml

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
chs-Unit 1 ml	Arabidopsis thaliana	244	-	10	ACCTACCACAC	part of a light responsive element

Figure S4

+ AATAGTGGAT CTGAGAGAGA TCGAGTAGTT GAAGAGAGGG GGGGTGGGG GCAGTGGGAA TCAAATCCAT
 - TTATCACTCA GACTCTCTCT AGCTCATCAA CTCTCTCCC CCCACCCCG CGTCACCTTC AGTTTAGGTA
 + CAGGTGGGC CGACTCCACG TGAACCTCGGA TAAACACCGT ACCGTAFAAC TGAAAACCG GTTCGGTTTT
 - GTCCACACCG GCTGAGGTGC ACTTGAGCCT ATTTGTGGCA TGGCATATTG ACCTTTTGGC CAAGCCAAAA
 + GCACCGTACC AAAGTAAAT AAGAAAAAAA AAACAAACCA AACCGATCAG TTATTTTCCG GTTCGATACT
 - CGTGGCATGG TTTCAATTA TTTCTTTTTT TTTGTTTGGT TTGGCTAGTC AATAAAAGGC CAAGCTATGA
 + ATATCTCCAT TCCCTCCACC GCCCATTTC CTTCCTTCT ATCAGCCACC TGTACGTGF CAACTCACA
 - TATAGAGGTA AGGGAGGTGG CGGGTAAAG GAAAGGAAGA TAGTCGGTGG ACAATGCACA GTTGACGTGT
 + AGCATCGACT GAGGAAGAAG CAGCTTAGC AACTAGCAAG TGATGCTAGC ATCTCTCAA AAAGTGGGAC
 - TCGTAGCTGA CTCTCTTTC GTCGAAATCG TTGATCGTTC ACTACGATCG TAGAGAGTTT TTTACCCTG
 + ACGTGAAGA AATAGGCTA AACCGACAAT AAACGGTGG ATAGCATTCA TCACACCAAC CGCATCGATC
 - TGCACITTTT TTTATCCGAT TTGGCTGTTA TTTGCCACC TATCGTAAAT AGTGTGGTTG GCGTAGCTAG
 + ACCGTGGAT ATCGTTCCAT GTTCTTACG TTATTTGCCC AACAAAATAT CCAAAAATAT TAAAAATAGA
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 - CTTTTATATG ACATCAAACA CTTGTAAAT ATATATATAC ACCTTTAAAT TTCACTAAC AATAAATA
 + TTTATTTGAA TTATTGTTTT
 - AAATAAACTT AATAACAAA

+ 4c1-CMA2b

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
4c1-CMA2b	Petroselinum crispum	401	+	10	TCTCACCACC	light responsive element

+ AAGAA-motif
+ ABRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Arabidopsis thaliana	87	+	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	350	+	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	264	+	6	TACGTG	cis-acting element involved in the abscisic acid responsiveness

+ AC-I
+ ACE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ACE	Petroselinum hortense	85	-	7	ACGTGGA	cis-acting element involved in light responsiveness

+ AE-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
AE-box	Arabidopsis thaliana	439	-	8	AGAAACAT	part of a module for light response

+ ARE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ARE	Zea mays	175	-	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction
ARE	Zea mays	968	+	6	TGGTTT	cis-acting regulatory element essential for the anaerobic induction

+ Box 4

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Box 4	Petroselinum crispum	511	+	6	ATTAAT	part of a conserved DNA module involved in light responsiveness
Box 4	Petroselinum crispum	770	+	6	ATTAAT	part of a conserved DNA module involved in light responsiveness

+ Box-W1

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Box-W1	Petroselinum crispum	880	-	6	TTGACC	fungus elicitor responsive element

+ C-repeat/DRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
C-repeat/DRE	Arabidopsis thaliana	77	+	8	TGGCCGAC	regulatory element involved in cold- and dehydration-responsiveness

+ CAAT-box
+ CATT-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CATT-motif	Zea mays	394	+	6	GCATTC	part of a light responsive element

+ CCAAT-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CCAAT-box	Hordeum vulgare	422	-	6	CAACGG	MYBHv1 binding site

+ G-Box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
G-Box	Pisum sativum	87	+	6	CACGTG	cis-acting regulatory element involved in light responsiveness
G-Box	Pisum sativum	350	+	6	CACGTG	cis-acting regulatory element involved in light responsiveness
G-Box	Antirrhinum majus	264	-	6	CACGTA	cis-acting regulatory element involved in light responsiveness

+ G-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
G-box	Brassica napus	86	-	7	CACGTGG	cis-acting regulatory element involved in light responsiveness
G-box	Daucus carota	264	+	6	TACGTG	cis-acting regulatory element involved in light responsiveness
G-box	Arabidopsis thaliana	87	+	6	CACGTG	cis-acting regulatory element involved in light responsiveness
G-box	Arabidopsis thaliana	350	+	6	CACGTG	cis-acting regulatory element involved in light responsiveness

+ GA-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GA-motif	Arabidopsis thaliana	729	-	8	ATAGATAA	part of a light responsive element

+ GAG-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GAG-motif	Spinacia oleracea	330	-	7	AGAGATG	part of a light responsive element
GAG-motif	Arabidopsis thaliana	596	-	7	AGAGAGT	part of a light responsive element

+ GT1-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
GT1-motif	Solanum tuberosum	813	+	10	ATGGTGGTTGG	light responsive element

+ I-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
I-box	Arabidopsis thaliana	427	-	9	acGATAATC	part of a light responsive element

+ L-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
L-box	Petroselinum crispum	401	+	10	TCTCACCACC	part of a light responsive element

+ LTR

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
LTR	Hordeum vulgare	639	+	6	CCGAAA	cis-acting element involved in low-temperature responsiveness

+ MBS

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	117	+	6	TAACGT	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	271	+	6	CAACTG	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	188	-	6	TAACGT	MYB binding site involved in drought-inducibility
MBS	Arabidopsis thaliana	807	-	6	CAACTG	MYB binding site involved in drought-inducibility

+ Sp1

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
Sp1	Zea mays	38	-	5	CC(G/A)CCC	light responsive element
Sp1	Oryza sativa	229	-	6	GGGCGG	light responsive element
Sp1	Zea mays	42	-	5.5	CC(G/A)CCC	light responsive element
Sp1	Zea mays	39	-	5	CC(G/A)CCC	light responsive element
Sp1	Zea mays	46	-	5	CC(G/A)CCC	light responsive element

+ TATA-box
+ TATC-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TATC-box	Oryza sativa	387	-	7	TATCCCA	cis-acting element involved in gibberellin-responsiveness

+ TCA-element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA-element	Nicotiana tabacum	743	+	9	CCATCTTTT	cis-acting element involved in salicylic acid responsiveness

+ TCT-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCT-motif	Arabidopsis thaliana	444	+	6	TCTTAC	part of a light responsive element

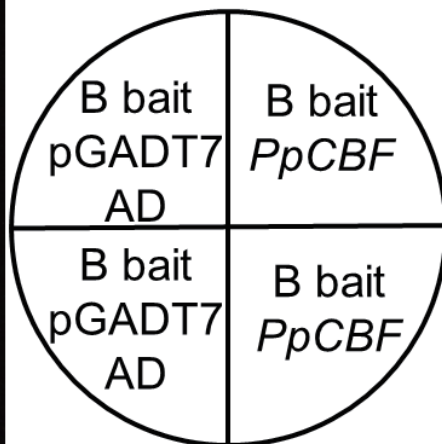
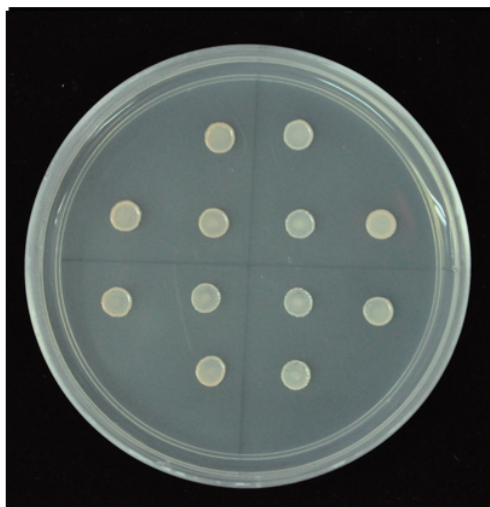
+ Unnamed_1
+ Unnamed_11
+ Unnamed_3
+ Unnamed_4
+ W box
+ box S
+ circadian

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
circadian	Lycopersicon esculentum	62	+	6	CAANNNNATC	cis-acting regulatory element involved in circadian control
circadian	Lycopersicon esculentum	407	+	6	CAANNNNATC	cis-acting regulatory element involved in circadian control
circadian	Lycopersicon esculentum	179	+	6	CAANNNNATC	cis-acting regulatory element involved in circadian control

Figure S5

B-type (upstream of *PpDAM2=ProDAM2*):

SD/-Leu



SD/-Leu
150 μ M AbA

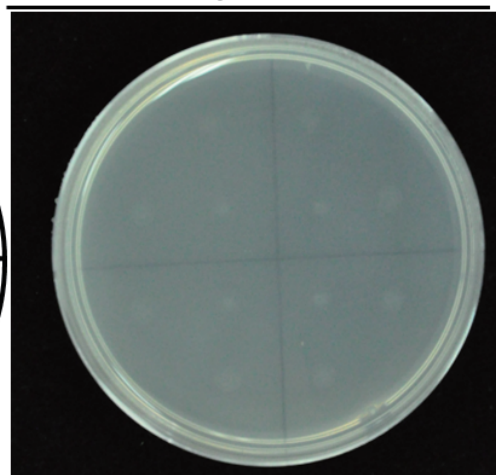


Figure S6