

>Traes_2DS_D76AB139C.1

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Motifs Found



ABRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Hordeum vulgare	518	-	9	CGTACGTGCA	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	1586	-	5	ACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	637	-	5	ACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	1935	+	5	ACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	520	-	5	ACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	1934	-	6	CACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	965	+	7	AACCCGG	cis-acting element involved in the abscisic acid responsive



ABRE3a

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE3a	Zea mays	520	-	6	TACGTG	
ABRE3a	Zea mays	1586	-	6	TACGTG	



ABRE4

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE4	Zea mays	520	+	6	CACGTA	
ABRE4	Zea mays	1586	+	6	CACGTA	

- + AT-rich sequence
- + CAAT-box
- + CAT-box
- + CGTCA-motif

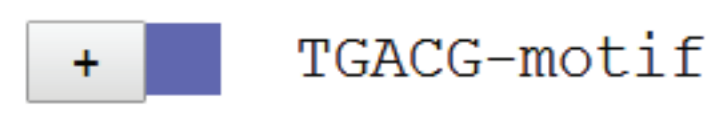
Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CGTCA-motif	Hordeum vulgare	654	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsive
CGTCA-motif	Hordeum vulgare	867	+	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsive

- + DRE core
- + ERE
- + G-Box
- + G-box
- + GT1-motif
- + MRE
- + MYB
- + MYB-like sequence
- + MYC
- + Myb-binding site
- + P-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
P-box	Oryza sativa	1596	-	7	CCTTTTG	gibberellin-responsive element

- + STRE
- + TATA
- + TATA-box
- + TATC-box
- + TC-rich repeats
- + TCT-motif
- + TGA-element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TGA-element	Brassica oleracea	494	+	6	AACGAC	auxin-responsive element
TGA-element	Brassica oleracea	829	-	6	AACGAC	auxin-responsive element



TGACG-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TGACG-motif	Hordeum vulgare	654	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsive
TGACG-motif	Hordeum vulgare	867	-	5	TGACG	cis-acting regulatory element involved in the MeJA-responsive

- + Unnamed_1
- + Unnamed_2
- + Unnamed_4
- + W box
- + as-1

>Traes_2DS_2CCCA54C1.1

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+ TGTACCGGTA GATCCCTAGAC CGGCCGTTTA CTCCGCGATT CGTGTAGTAG CTGGCCACG TCCTTGTATA
- ACATGGCCAT CTAGGATCTG GCCGGCAAAT GAGGCCTAA GCACAATCAC GACCGGGTGC AGTAACATAT

+ TCATATGTAT TGTGCTGCA AAACCTGCCG TATTTGTAAT ATGCGAGGAA AGTGGCCGGA ACCCGCCAAC
- AGTATACATA ACACGGACGT TTTGACGGGC ATAAACATTA TACGCTCCTT TCACCGGCCT TGGGCGGTTG

+ CACTTTTGGT CAGTTTTTCA TTTACTCAAC CGCACTTACC GGGACCTGCC TCCTTCACTC CGATTCCCCC
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+ TCATGCTGCT GGGCCGGCCC ATATAGAATG CTGGAGGTGA GTCGCATGTA GTAGGCGACA TTTAGATGCA
- AGTACGACGA CCCGCGCGG TATATCTTAC GACCTCCACT CAGCGTACAT CATCCGCTGT AAATCTACGT

+ CCCAACAAAC ACACCGAGCG AACGGAAGAA GCCCAAATGG CGTGCAGGTA GAGGATGATT TGGCCCAAAC
- GGGTTGTTGT TGTGGCTCGC TTGCCTTCTT CGGGTTTACC GCACGCCGAT CTCTACTAA ACCGGGTTTG

+ TATTTCTCTG CAGGCTCGC TCTGAACCAA GTACCTCTAG AGCATGAAAG AAACCTGGAC TGCTGAATTG
- ATAAAGGAGC GTCCGACGC AGACTTGGTT CATGGAGATC TCGTACTTTC TTTGACCGTG ACGACTTAAC

+ CATCGTGTCA CTTTCATCGA ACACAACCTG TGTGCAAGAT GATGCGCTGT GGTCAAAGCG AGGCTGAATT
- GTAGCACAGT GAAAGTAGCT TGTGTTGGAC ACACGTTCTA CTACGCGACA CCAGTTTCGC TCCGACTTAA

+ AACTTGGACA GAAGCGGACT CCCTACTACT CACTCCGCTT CAAAATAAAT GTCTCAAACA TAGTAAACT
- TTGAACCTGT CTTCCGCTGA GGGATGATGA GTGAGGCAGA GTTTTATTTA CAGAGTTTGT ATCATTTTGA

+ TTATACTATA ATAGTGTAAA GTTGGAGCAC TTATTTTGGG ACGAAGTGAAG TATTAGTTAG ACCAAATGGC
- AATATGATAT TATCACATTT CAACTCTGTG AATAAAACCC TGCTTCACTC ATAAATCAATC TGGTTTACCG

+ GCGTCCATGC GTAGCTCCAG GCTCGGGCTG TATCACCATG TGCAATAGCA TCCATGGAGC TCGTTCCATG
- CGCAGGTACG CATCGAGGTC CGAGCCCAGC ATAGTGGTAC ACGTTATCGT AGGTACCTCG AGCAAGGTAC

+ TAGTTGGAGA TGAACCTATG TATGGTGCAT GTGGACGTAT GCGCCTGTTT ACTCCGGTAG TAGAGTGCA
- ATCAACCTCT ACTTGGATAC ATACCACGTA CACCTGCATA CCGGACAAA TGAGGCCATC ATCTCACGTC

+ GTTAGCTCTT TTACGGTGCA AAGTGAATTT TGTGTTGGGG TTTAATTACC CCCACGTTAG CTGCGGGAGA
- CAATCGAGAA AATGCCACGT TTCACTTTAA ACACAACCC AAATTAATGG GGGTSCAAAC GACGCCCTCT

+ GGAGACACAT CATGAATTTA AAGCGATGG TATCCTCTCC TGTAAGGTTA TTCTTTGACGTGATG
- CCTCTGTGTA GTACTTAAAT TTCGCTACC ATAGGAGAGG ACATTCCAAT AAGAAAACCTG CACTAGCTAC

+ ATTCAAACC TCTTATAAAA CATATGTTGC TCTTCAGCTA GGCTGACCG TAGGACGAAA TGCTCATGTA
- TAAGTTTTGG AGAATATTTT GTATAACAAG AGAAGTCGAT CCGGATGGC ATCCTGCTTT ACGAGTACAT

+ GCGGGCTAT GAGGCTATGA CGCAATAACA CTTGTTTGGC CGGCCCGGAG TCGCTTGACA AAAAAAGCAT
- CGGCCGATA CTCCGATACT GCGTTATGTT GAACAAAACG GCCGGCCTC AGCGAACTGT TTTTTCGTA

+ GTTAAGTTTA TTTACAATTG AAAAGCCTAA CAATCTTATA TTCCTCAA GCAGGTTTAC GACCACAGCT
- CAATCAAAT AAATGTTAAC TTTTCGGATT GTTAGAATAT AAGGGAGTTT CGTCCAAGTG CTGGTGTGCA

+ ATACCTAAAA AAATGATGAA GAATATATTA CTCCATTATT ATGAGATGAA CCACCTGGCA AGAGTGGTAA
- TATGGATTTT TTTACTACTT CTTATATAAT GAGGTAATAA TACTCTACTT GGTGAACCGT TCTCACCATT

+ GCTATATCAA AAAACAATGA ACATTATATG GAGATGCTGT ATGCCATTAT TGATTGCGAG ACATACGTTT
- CGATATAGTT TTTTGTACTT TGTAATAATA CTCTACGACA TACGGTAATA ACTAAGCGTC TGTATGCAAG

+ CTCTCTCCA CGGGCACCTA ACGGATACAT GATAAGGCCA AGGCAGATCA CGGAAATTA TTCGAATACA
- GAGAGAGGGT GCCCGTGGAT TGCCATGTA CTATTCGGT TCCGCTAGT GCCCTTAAAT AAGCTTATGT

+ TGATAAGCCC TATTGCCGGA AAAAAATGC AGGGCTGGTG TTGGCCGTAG CGATTTAAGC ACTCTGACCC
- ACTATTCCGG ATACGGCCT TTTTTCACG TCCCAGCAC AACCGGCATC GCTAAATTCG TGAGACTGGG

+ TTCTAAAAAA TCGCGCGCTT TGTCCGTATA CGTATCCCTT ATCCAACATC TAGCTGGCCA CACGACGGGG
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- GACCCGTCTA GCACCTACGG CCCAGCTGCA GCTACGAGTC GGTAGTATCT GGTTAGCTGG TAGACAAAAC

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Motifs Found

- + ■
- + ■ AAGAA-motif
- + ■ ABRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Arabidopsis thaliana	13	-	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1306	-	7	TACGGTC	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1173	-	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1968	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	487	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1967	-	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1249	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	127	-	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Hordeum vulgare	770	+	9	GCAACGTGTC	cis-acting element involved in the abscisic acid responsiveness

- + ■ ABRE3a

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE3a	Zea mays	13	-	6	TACGTG	

- + ■ ABRE4

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE4	Zea mays	13	+	6	CACGTA	

- + ■ AT-rich element
- + ■ CAAT-box
- + ■ CAT-box
- + ■ CGTCA-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CGTCA-motif	Hordeum vulgare	66	+	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness
CGTCA-motif	Hordeum vulgare	1348	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness
CGTCA-motif	Hordeum vulgare	1247	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness
CGTCA-motif	Hordeum vulgare	1855	+	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness

- + ■ G-Box
- + ■ G-box
- + ■ GATA-motif
- + ■ GTGGC-motif
- + ■ I-box
- + ■ LTR

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
LTR	Hordeum vulgare	368	+	6	CCGAAA	cis-acting element involved in low-temperature responsiveness

- + ■ MBS

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	1936	+	6	CAACTG	MYB binding site involved in drought-inducibility

- + ■ MSA-like
- + ■ MYB
- + ■ MYC
- + ■ Myb
- + ■ O2-site
- + ■ STRE
- + ■ TATA-box
- + ■ TCA-element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA-element	Nicotiana tabacum	1879	+	9	CCATCTTTTT	cis-acting element involved in salicylic acid responsiveness

- + ■ TGACG-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TGACG-motif	Hordeum vulgare	66	-	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	1348	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	1247	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	1855	-	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness

- + ■ Unnamed_1
- + ■ Unnamed_4
- + ■ W box

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+ ACCTTGCTTT TGCTCTATA TCTGAACCCA AGAAAGTCGA AGAAGCCTTC ATGGAACCTG AATGGACTCA
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+ AGCTATGCAA GAAGAGCTTC AATAGTTTGA CCTGAATAAT GTCTGGGAGC TTGTCAAACG TCCTGATCCT
- TCGATACGTT CTTCTCGAAG TTATCAAACCT GGACTTATTA CAGACCCTCG AACAGTTTGC AGGACTAGGA

+ TGCAAGCACA ATGGCATTGG CACGAAATGG ATCTATCGCA ACAAGCAAGA TGAACCTGGA CAAGTTGTCA
- ACGTTCTGTG TACCGTAACC GTGCTTTACC TAGATAGCGT TGTTCTGTTCT ACTTGAACCT GTTCAACAGT

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+ TCCTGTGGCT CGGCTTGAAG CCATTCGCAT ACTACTGGCT TATGCAAAACC ATCACAACAT TCTTCTGTAT
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+ CATAACGCTT CCCCTTACGG TCTACGAGG TACATGGACA ATACTCTCCC CTCTCGTTGC TATGCATCAC
- GTATTGCGAA GGGGAATGCC AGATGCTCCC ATGTACCTGT TATGAGAGGG GAGAGCAACG ATACGTAGTG

+ CATGATCTTG CGTGTGCGTA GGAATTTTTT TGAAATTACT ACGTTCCCA ACAATCCCAT CCCATCCACC
- GTACTAGAAC GCACACGAT CTTTAAAAA ACTTTAATGA TGCAAGGGGT TGTTAGGGTA GGTAGGTGG

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- TGACAGTGCC AACTGCCTTC TCGTCCGGAG GTTTTGGAGC GGAGAACTCT AGCACATACC CTCTCCACGC

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- TAATCCAAA ACTCCTCGCA AGGGCCACG GGGATGTGGG AGTACTTGTG ATTTACTTCA TCTGTTTGA

+ AGATGAAGTA TTGAAAGGT GAAGGCGATG TTTGTCTACT TCATCTACAT TGTGCTGCGC TTCACCGAGT
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+ ATTGAAAGG TGTAACAGTT CCCGGGTGCC CCTACACCTT CATGAACAGT AAATTATGTA TTATTTAATT
- TAACCTTTC ACATTTGTC GGGCCACGG GGATGTGGGA GTACTTGTCA TTTAATACAT AATAAATTAA

+ TGATTACATC TAGTATGTAT AATTCACCAA CTGTCTTCCG TAAAAGAAC CATTAATCTC AGGTGTTATG
- ACTAAGTATG ATCATAACATA TTAGTGGTT GACAGAAGGC ATTTTCTTTG GTAATTAGAG TCCACAATAC

+ GCATCTCGAT GGAAAGTAC TTTCTACTA AGAGCACCTT GTGATGAGAA TATCATCCTT TTTCTTACT
- CGTAGAGCTA CTTTTCATG AAAGGATGAT TCTCGTGAA CACTACTCTT ATAGTAGGAA AAAAGGATGA

+ AACATAAGAG ATGATGAGCA GTCAGCATCA CATGGTAGCT AAGCAGCTTT ATCGTGCCTT GATAGAGAAA
- TTGATTTCTC TACTACTCGT CAGTCGTAGT GTACCATCGA TTCGTCGAAA TAGCAGCGGA CTATCTCTT

+ AGGCGACGAC GCCCTTTTAC TTAGCCGTGT CGCCCTTTTT TGCTTTCACA GGTTCAGATC CAAGTGTCT
- TCCGCTGCTG CGGAAAAATG AATCGGCACA CGGGAAAAA ACGAAAGTGT CCAAGTTCAG GTTCACAAGA

+ CACTACCAA AACCTGAAG AGTGTACGTA CGTCCCT
- GTGAGTGGTT TTGACTTCC TCACATGCAT GCACGGGA

```

Motifs Found



ABRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Arabidopsis thaliana	1400	-	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Hordeum vulgare	1983	-	9	CGTACGTGCA	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	610	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Hordeum vulgare	1987	+	9	CGTACGTGCA	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1176	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Oryza sativa	1986	-	10	GACACGTACGT	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1401	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1990	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	358	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1276	+	7	TACGGTC	cis-acting element involved in the abscisic acid responsiveness



ABRE3a

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE3a	Zea mays	609	+	6	TACGTG	
ABRE3a	Zea mays	1989	+	6	TACGTG	

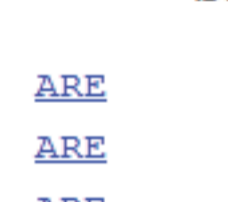


ABRE4

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE4	Zea mays	609	-	6	CACGTA	
ABRE4	Zea mays	1989	-	6	CACGTA	

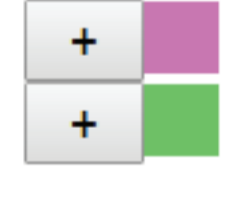


AC-I

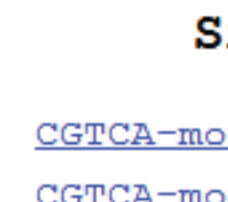


ARE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ARE	Zea mays	326	+	6	AAACCA	cis-acting regulatory element essential for the anaerobic inducibility
ARE	Zea mays	1727	+	6	AAACCA	cis-acting regulatory element essential for the anaerobic inducibility
ARE	Zea mays	416	-	6	AAACCA	cis-acting regulatory element essential for the anaerobic inducibility



Box 4

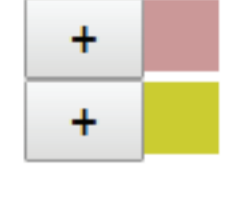


CAAT-box

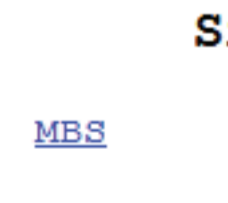


CGTCA-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CGTCA-motif	Hordeum vulgare	653	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness
CGTCA-motif	Hordeum vulgare	1412	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness
CGTCA-motif	Hordeum vulgare	735	+	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness



G-Box



G-box



GATA-motif

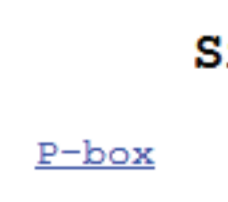


MBS

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	1708	+	6	CAACTG	MYB binding site involved in drought-inducibility



MRE



MYB



MYB-like sequence



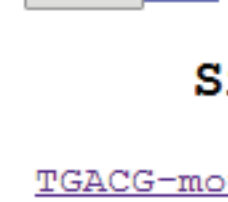
MYC



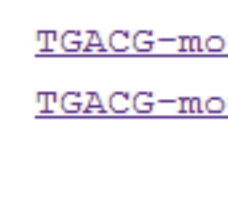
Myb



Myb-binding site



Myc

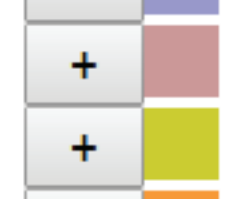


O2-site



P-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
P-box	Oryza sativa	885	-	7	CCTTTTG	gibberellin-responsive element



STRE



TATA-box



TCA

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA	Pisum sativum	751	+	10	TCATCTTCAT	
TCA	Pisum sativum	1581	+	9	TCATCTTCAT	

TCT-motif

TGACG-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TGACG-motif	Hordeum vulgare	653	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	1412	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	735	-	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness

Unnamed_1

Unnamed_10

Unnamed_12

Unnamed_14

Unnamed_4

Unnamed_8

W box

WUN-motif

as-1

>Traes_2BS_40C683B47.1

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+ TGTCATAAGG GTATTTTGGG TAGAAAAAGT TTATGCCGGT CCGCCAGGCG AAGGCCATCT ATGGCCGGATC
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Motifs Found

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE						
ABRE	Arabidopsis thaliana	1101	-	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1933	-	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	471	-	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1934	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1604	-	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	291	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE3a						
ABRE3a	Zea mays	1604	-	6	TACGTG	
ABRE4						
ABRE4	Zea mays	1604	+	6	CACGTA	
ARE						
ARE	Zea mays	1039	+	6	AAACCA	cis-acting regulatory element essential for the anaerobic induc
ARE	Zea mays	1315	+	6	AAACCA	cis-acting regulatory element essential for the anaerobic induc
AT~TATA-box						
CAAT-box						
CAT-box						
CGTCA-motif						
CGTCA-motif	Hordeum vulgare	289	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsive
DRE core						
G-Box						
G-box						
MYB						
MYC						
Myb-binding site						
STRE						
Sp1						
TATA-box						
TCA						
TCA	Pisum sativum	1245	+	9	TCATCTTCAT	
TCCC-motif						
TGACG-motif						
TGACG-motif	Hordeum vulgare	289	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsive
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Unnamed_4						
W box						
as-1						

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+ CGAAATATCT CATCTGAATT CAATAGAAGA CATACTATTG AATTTAGCTG ACCTATGGCA ACATTAATTC
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+ TAAAAATCAA TTATTTTGTG TCTAGGACCG ATGGAAAAAT TACTTGAAAT TATATATCTA AAATGATTG
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+ TTGGAACACT CCTCTGATGG TTCTTTAATT ATGTTTTTTC TATTTCTTTA TCTTTGTTG CCTGGAATAG
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+ CACAACCCTA ACGGCCTAAC TTTGACCAAT CTACATGCAT CTCATGCAAC TGAAAGAAGA GTGCTATTAT
- GTGTTGGGAT TGCCGATTG AAACCTGGTTA GATGTACGTA GAGTACGTTG ACTTCTTCT CACGATAATA

+ AAAT
- TTTA

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Motifs Found

- + AAGAA-motif
- + ABRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Arabidopsis thaliana	1287	-	6	CACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	1657	-	6	CACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	1288	+	5	ACGTG	cis-acting element involved in the abscisic acid responsive
ABRE	Arabidopsis thaliana	1658	+	5	ACGTG	cis-acting element involved in the abscisic acid responsive

- + ABRE2

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE2	Zea mays	1656	-	8	CCACGTGG	

- + ARE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ARE	Zea mays	536	-	6	AAACCA	cis-acting regulatory element essential for the anaerobic induc
ARE	Zea mays	1130	-	6	AAACCA	cis-acting regulatory element essential for the anaerobic induc
ARE	Zea mays	557	-	6	AAACCA	cis-acting regulatory element essential for the anaerobic induc

- + AT-rich element
- + AT~TATA-box
- + Box 4
- + CAAT-box
- + G-Box
- + G-box
- + GATA-motif
- + MBS

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	1727	+	6	CAACTG	MYB binding site involved in drought-inducibility

- + MYB
- + MYB-like sequence
- + MYC
- + Myb
- + O2-site
- + P-box

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
P-box	Oryza sativa	574	+	7	CCTTTTG	gibberellin-responsive element

- + STRE
- + TATA-box
- + TCA

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA	Pisum sativum	935	+	9	TCATCTTCAT	
TCA	Pisum sativum	1473	-	9	TCATCTTCAT	

- + TCCC-motif
- + Unnamed_1
- + Unnamed_2
- + Unnamed_4
- + W box
- + WRE3
- + WUN-motif
- + circadian

>Traes_2BS_B6EBC0962.1

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+ AACTATGCCG ACGGCTCTCC CACGGCCGTC GGCATATGCT CCTATGTCGA CGGCTATACT ACGCCGACGG
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+ ATGCCGACGG CAATGGACCT ATGCCGACGG CCTTGGGCGG TAGGCATAGC CCGCGAGTCC GGTGGTGTTC
- TACGGCTGCC GTTACCTGGA TACGGCTGCC GGGACCCGGC ATCCGTATCG GCGCTCAGG CCACCACAAA

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+ AAAGAATCAG TGTTCTGGC CCAAATTCAT AAACFGGTGT TTTGTGCGAA CCTTGCAAC AATATGGTGG
- TTTCTTAGTC ACCAAGACCG GGTTTAAGTA TTTGACCACA AAACACGCTT GGAACCGTTG TTATACCACC

+ TTTCTTTTGC AATTCACTCG AGTTGGGCG AGTCTACGT AGTGCAAAAC ATTCAAGACA AATCCGTTGT
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+ TGGATCGTGA GCCAAGAAAA GAGCTTGACT TTTGATGGAG TCCAAGCCTT TCATATCATG GGATCCATCG
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+ AACTCCATA TGTGGGCAGC GGAGACGATA GTGCTTTAT TGTATCATGAG GATCCAAGCG TTATCTTTAA
- TTGAGGGTAT ACACCCGTCG CCTCTGCTAT CACGAAATAA ACTAGTACTC CTAGGTTFCG AATAGAAATF

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+ TCCCAACGAG CCATAGGGAG TCCCAATATG GTGCTTTTGC GCCATGGCTC ACGGTGATAG TGGTGAAGC
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- CATGAGTGAC CCCGCCGTAT GTTAGAGGGT CGACTGTAAC GCGAACCGCG ACTAGCAGAA CAACCTCGGC

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+ TGGAAAAAAA AATACAGACG GTGGATGCCG CCTCAATCTT CCGGTGTPCA TCTCCCCTA TGCTTCAAGA
- ACCTTTTTTT TTATGTCTGC CACCTACGGC GGAGTTAGAA GGCACAGGT AGAGGGGGAT ACGAAGTTCT

+ AGCCAGGCTC ACCTCTCAGC GTCCAGCTG CGGAATTGTC TCGTGTGGC CGAAGGCGAC GGGAGCGCAA
- TCGGTCCGAG TGGAGAGTCG CAGGGTCGAC GCCTTAACAG AGCACAACCG GCTTCCGCTG CCCTCGGTT

+ GATGACTGCG CACCGGTCAA AACGAGGGTG AATCGCCTTG GAACAACGCA CACATGGCTC CAGGCGTCCC
- CTACTGACGC GTGGCCAGTT TTGCTCCAC TTAGCGGAAC CTTGTTGCGT TGTACCGAG GTCCGAGGG

+ TACTATACTA TTCGTACGTA CGTAAGGCCA AACGGTTGGT GTCCACGCAC ACATGGCTCC AGGCGTCCGT
- ATGATATGAT AAGCATGCAT GCATTCGGGT TTGCCAACCA CAGGTGCGTG TGTACCGAGG TCCGAGGCA

+ GAGCATGGAA GTGATGAAAA AAGAGAGATC GTTCAATGTT TTGCATATAT CTGCGCGATA AACTCCAAGA
- CTCGTACCTT CACTACTTTT TTCTCTCTAG CAAGTTACAA AACGTATATA GACGCGCTAT TTGAGGTTCT

+ GAGATCGCTC AAGTTGGCCA GGTGGTGTGT GGCGGTAGCG ACTCAAGCTG GAAGCTGCCG CAGCCTAAGC
- CTCTAGCGAG TTCAACCGGT CCAACCACAA CCGCCATCGC TGAGTTGAC ACTTCGACGGC GTCGGATTTCG

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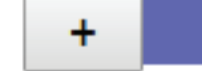
Motifs Found

-  A-box
-  ABRE

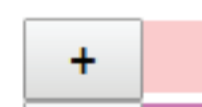
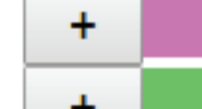
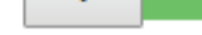
Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Hordeum vulgare	46	-	9	GCAACGTGTC	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	132	+	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	49	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	299	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	48	+	6	CACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	133	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Hordeum vulgare	130	+	9	GCAACGTGTC	cis-acting element involved in the abscisic acid responsiveness

-  ARE

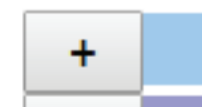






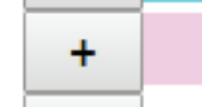



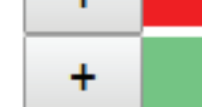
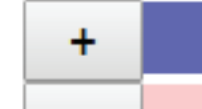
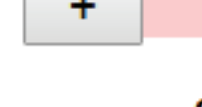
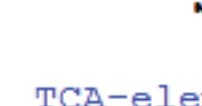




Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ARE	Zea mays	628	-	6	AAACCA	cis-acting regulatory element essential for the anaerobic induc

-  AT~TATA-box
-  AuxRR-core



Site Name	Organism	Position	Strand	Matrix score.	sequence	function
AuxRR-core	Nicotiana tabacum	363	-	7	GGTCCAT	cis-acting regulatory element involved in auxin responsiveness

-  CAAT-box
-  CCAAT-box
-  CCGTCC motif


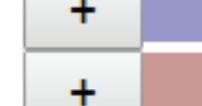
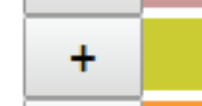
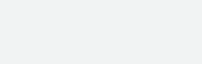
Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CCGTCC motif	Nicotiana tabacum	171	+	6	CCGTCC	

-  CCGTCC-box
-  CGTCA-motif
-  DRE core
-  G-Box
-  G-box
-  GC-motif
-  GT1-motif
-  I-box
-  MSA-like
-  MYB
-  MYB recognition site
-  MYB-like sequence
-  MYC
-  Myb-binding site
-  O2-site
-  STRE
-  Sp1
-  TATA-box
-  TCA-element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA-element	Nicotiana tabacum	1125	-	9	CCATCTTTT	cis-acting element involved in salicylic acid responsiveness

-  TCT-motif
-  TGACG-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TGACG-motif	Hordeum vulgare	66	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	182	-	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	163	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness
TGACG-motif	Hordeum vulgare	297	+	5	TGACG	cis-acting regulatory element involved in the MeJA-responsiveness

-  Unnamed_1
-  Unnamed_2
-  Unnamed_4
-  W box

>Traes_1AS_6C84785B3.2

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+ TTTAAGGGTT TGAGGGTTAA GGGGTTCTAG TCTACACGAT TTCTTGCTCG CAAACTGTAA AAAAGCAGTT
- AAATTCCTAA ACTCCCAATT CCCCAAGATC AGATGTGCTA AAGAACGAGC GTTTGACATT TTTTCGTCAA

+ ATTTATAAGG GTTTGGAGGT TTGAGGGCTC TGCTAGAGAT GCTCTTATAG CATCTTCAGC AGACCTCGTA
- TAAATATTC CAAACCTCCA AACTCCCGAG ACGATCTCTA CGAGAATATC GTAGAAGTCG TCTGGAGCAT

+ TAGATGGTCA AACCCATAAA ATAACCATTT TTTGTAATTT CAATAAAAAG AAGATCCGGA CAAATCCTTT
- ATCTACCAGT TTGGGTATTT TATTGGTAAA AAACATTAATA GTTATTTTTTC TTCTAGGCTT GTTTAGGAAA

+ AAAATCGTCC GACCTTTTAA AAATTTTAA GAGCCCCGTA AACATGTAGC CGAAACCCTC GTATCTATAA
- TTTTAGCAGG CTGGAAATTT TTTAAAATTG CTCGGGGCAT TTGTACATCG GCTTTGGGAG CATAGATATT

+ TTTTGATGGC AACTTTTACA AAGCCCTAGA TACCAATCAA CGTTGGCGGT TGAAAAATCT CTACTCCGGC
- AAAACTACCG TTGAAAATGT TTCGGGATCT ATGGTTAGTT GCAACCGCA ACTTTTATA GATGAGGCCG

+ TAACGCCATG AAGCTCGCCC GGCCGCCCG CCACCACGCC CGTCCGTCCTA TGCCGGCCGG CCGGCCCGCT
- ATTGCGGTAC TTCGAGCGGG CCGGCCGGCC GGTGGTGGG GCAGGCAGGT ACGGCCGGCC GGCCGGCGCA

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- GCAGGTGGGG CCGGTGTGCG GTGTCTGTC CTCCACGATC GATCGATCGA GCGAAAACCT ACCTAAGCTC

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+ GAGCAGATCT AATGGATGGA TCCCCTGGCT CTATTTTGA CCGTTTCGTG TGTTATTTGT CGATTTTGGC
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+ TATTTTTTAG CATGTGTGG CCTTAAGCG GTTATCATCT TGTGCAAAAC GTGCATCCGC TTAAGGCTCT
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+ AAACAGTCT TCTCGAGTCT TGAGCACTGC ATTACAATCC ATCTATTCAA TCAGCAGACG TACATTACAT
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- CATGAATTAG TCGGTGATCC TCGTCAGCTA GTCAACTACT AATCTGATTT CGTTCCGCGC ACACGTACGG

+ GTGTTTATT GTGTTTTGTT CGAAAACGAA GGGCGAGA
- CACAAGTAAA CACAAAACAA GCTTTTGCTT CCCGCTCT

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Motifs Found

- + A-box
- + AAGAA-motif
- + ABRE

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE	Arabidopsis thaliana	1449	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness
ABRE	Arabidopsis thaliana	1665	+	5	ACGTG	cis-acting element involved in the abscisic acid responsiveness

- + ABRE3a

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE3a	Zea mays	1664	+	6	TACGTG	

- + ABRE4

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
ABRE4	Zea mays	1664	-	6	CACGTA	

- + ACE
- + AE-box
- + CAAT-box
- + CAT-box
- + CCGTCC motif
- + CCGTCC-box
- + CGTCA-motif

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
CGTCA-motif	Hordeum vulgare	852	+	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness
CGTCA-motif	Hordeum vulgare	957	-	5	CGTCA	cis-acting regulatory element involved in the MeJA-responsiveness

- + ERE
- + G-Box
- + G-box
- + GATA-motif
- + GT1-motif
- + Gap-box
- + LTR

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
LTR	Hordeum vulgare	260	+	6	CCGAAA	cis-acting element involved in low-temperature responsiveness

- + MBS

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
MBS	Arabidopsis thaliana	1921	-	6	CAACTG	MYB binding site involved in drought-inducibility

- + MBSI
- + MYB
- + MYB-like sequence
- + MYC
- + Myb
- + STRE
- + Sp1
- + TATA-box
- + TCA-element

Site Name	Organism	Position	Strand	Matrix score.	sequence	function
TCA-element	Brassica oleracea	1574	+	9	TCAGAAGAGG	cis-acting element involved in salicylic acid responsiveness

- + TGACG-motif
- + Unnamed_1
- + Unnamed_2
- + Unnamed_4
- + Unnamed_6
- + W box
- + as-1