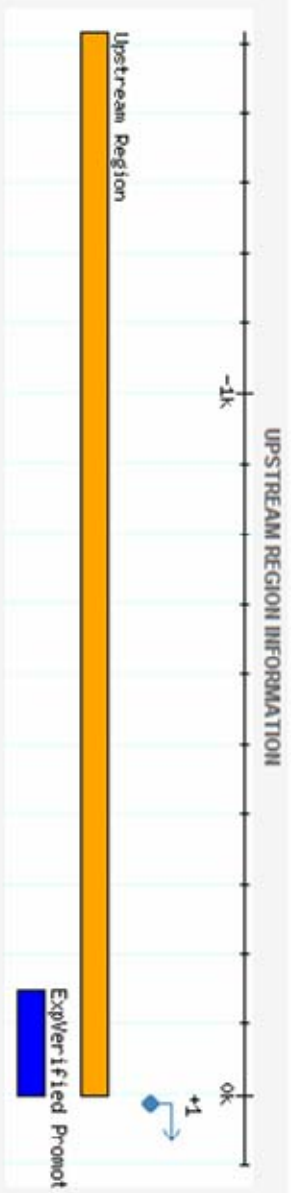


TFome Information for ZmAP2-EREbP1

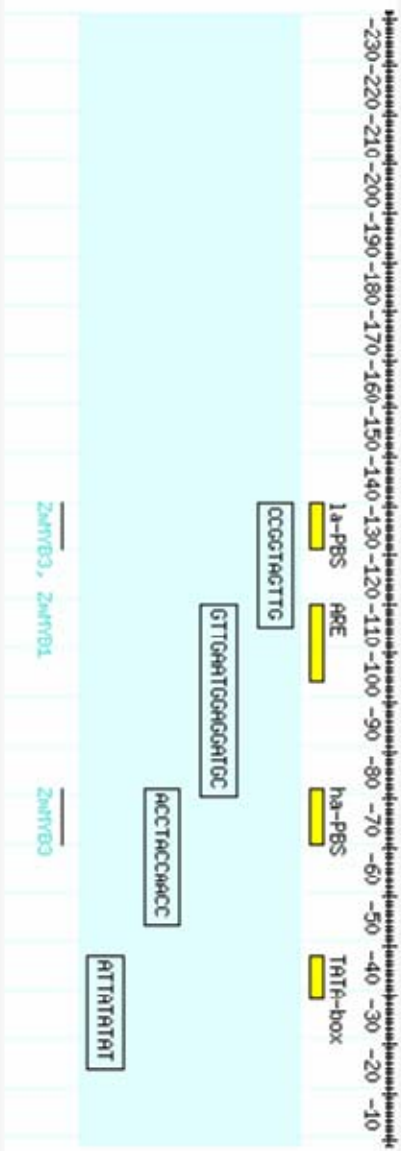
TFome Name:	ZmAP2-EREbP1
Species:	1
TF Family:	3
Genbank ID of Template cDNA:	DV529833
Vector:	pENTR/D
Insert:	PCR amplified CDS from template

5' Primer Name:	B61 UP	3' Primer Name:	B61 DN
5' Primer Sequence:	CACCATGTGGCGCGAGCCATC	3' Primer Sequence:	CGCCAACATGAGGTCCAC
5' Primer Tm (°C):	65.5	3' Primer Tm (°C):	56.4
PCR Conditions:	Step 1, 98°C 30 sec melt, 1 cycle; Step 2, 98°C 10 sec melt, 56°C 30 sec anneal, 72°C 45 sec extend, 35 cycles; Step 3, 72°C 7 min extend 1 cycle; Step 4, 4°C hold. 1ul Phusion (New England Biolabs), GC buffer (NEB), MgCl2 1.5 mM final concentration, template 40pgAl final concentration.		
Nucleotide Sequence:	atgtgcgagcggaccatcatcgccgacttcgtcccccggcgcccgccgccaacagaccgacacccatgtccgcctc catcctctccgtagcaggaccatccggagctgccgctgccggcgcgcccggccggcgcaagagcgctacc gcgggatccggcgccgcccgtgggcccggtaggaggagatccgcgacccgggaaaggccgcccgctgtgctcggc acctaccgccaccccgagagacggcgccgctacgacgtggcggcgcgagatccgggccccaagccaagtcaa cttccccgccgcgctcggcgggcgcgccggcgccggcggccaaggagccccaagtccggcgaccg aggagagctcggcctcgtcctcctcctccggcgcgccggcgccgctcgtgtagggcggcgggagagggcgtg cgcgactgcatgtctggctcgagcgtcctgggctgcaaacgccgagaggtggcgccgctcgaagcgtgggacgc cgtggacctcatgttggcg		
Translation:	mcggaiaidfvpagarrrpatddtmsasilsgsedhplplpapapgrktayrgirrrpwgrwaaeirdrpkrGARVWLG TYATPEDAARAYDVAAREIRGPKAKLNFPAVGGARAPAPAAAKRRRKSAAATESSASSPPPPAAAAAAVVAVGGGEEL rdcmSglEaFlglqnadeggvEaWdaVdmla		
Request Information:	Dr. John Gray Biol. Sci Dept. University of Toledo, 2801 West Bancroft Street, Toledo, OH 43606 jgray5@uofnet.u Toledo.edu		

Promoter Information for Maize A1 Promoter



CS-ELEMENT INFORMATION



CRE name

CRE sequence

Targeting TF

Upstream Region Sequence:

```

V
| start (-1516 nt)
gtgtgcatgtgagtctacact tgaacaattaaagggtrca ttcatatattaaagaagtgtg gagcttgaagccttcagtrgc
atcattgatatttgcaaaaga aattgctgaagagatgtgag taggcccagatatttcttaga atccgtcaagctaaagaaga
gaaacatttttgaagaaca atgattcagaatgaagaaga gcactatcagctatagagtc attcagagttaatttgccttc
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catattcgatttattgacc atactgttcactgtagccct agccgaagaagtttctcga aattttgaagttgttgaana
    
```

Transcription Factor GRASSIUS Data Submission

If you prefer to submit data by email, [click here](#).

First Name:	<input type="text"/>	Last Name:	<input type="text"/>
E-mail:	<input type="text"/>	Laboratory:	<input type="text"/>
Gene Name:	<input type="text"/>	Species:	<input type="text" value="Sugarcane"/>
Identifier:	<input type="text"/>	Family:	<input type="text" value="ABI3VP1"/>
PubMed ID:	<input type="text"/>	Key Words:	<input type="text"/>

DNA Sequence:
[Open Reading Frame](#)

Protein Sequence:

Binding Site:

Comments:

Supplementary Figure 5
Yilmaz et al

