

## IDENTIFICATION

**Species:** *Sorghum bicolor*

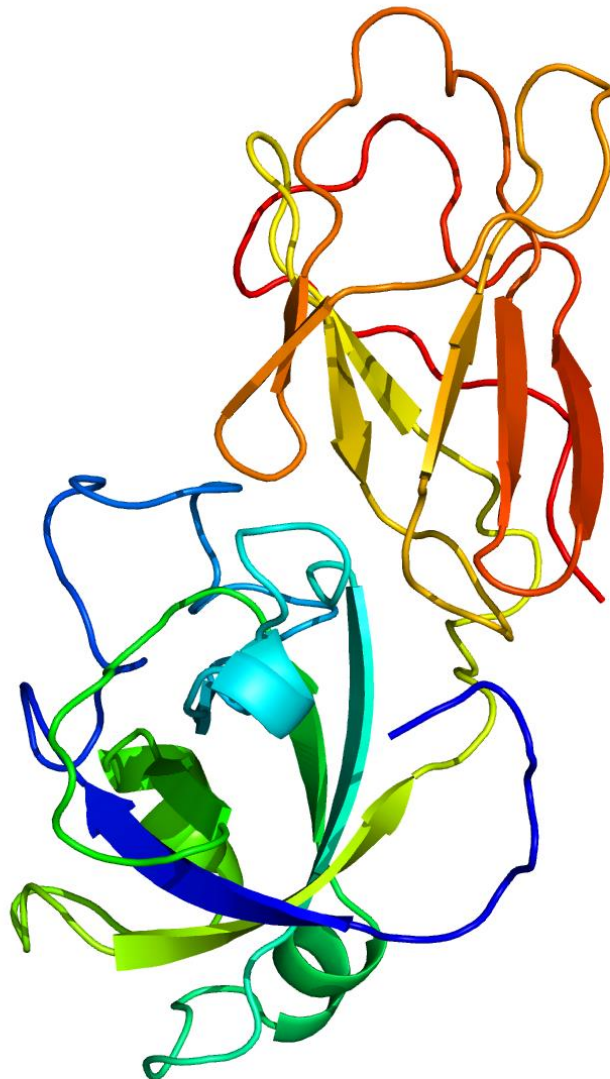
**Locus:** Sobic.007G020200

**Gene Model:** Sobic.007G020200.1.p

**Description:** SbEXPA-34

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

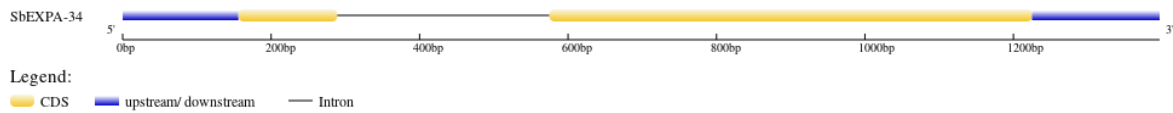
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

KEGG: <https://www.genome.jp/entry/T01086>

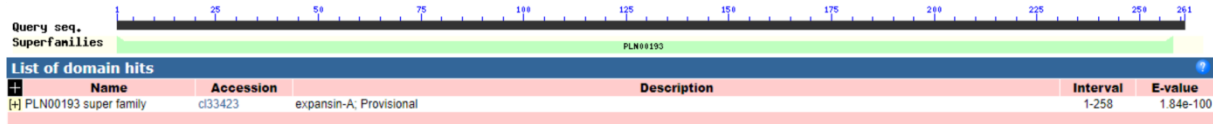
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXPA-34

MGKRFLHQLVLAVALFVSPVRSGDWLPATATFYGGADGSDTMGGACGYSDLYE  
QYGINNAALSTALFNDGASCGQCYVIICDSSKTQWCKPGNNWVVVSA TNFCPPNW  
DLPAVGDLPAGGWCAPPRPHFDMSQPAWENIGIYSAGVINVLYQRVKCWKSSGGVRF  
TMAGFNGFYMVLVTNVAGSGSIQSM AVKGNNTDWIPMYRNWGANWHCLSGGLVG  
QGLSFALVSTGGQNLVFKDVVPAWWQFGQTYTTYQNFDY\*

### CDS (coding sequence)

>SbEXPA-34

ATGGGGAAACGTTTCCTCCACCAGCTGGTACTCGCCGTCGCCGTTGCGCTCTTCGT  
CTCTCCGGTGAGATCGGGCGACTGGCTTCCGGCCACCGCCACGTTCTACGGCGGT  
GCTGACGGCTCCGACACAATGGGTGGCGCGTGTGGGTACAGCGACCTGTACGAG  
CAGGGCTACGGCATCAACAACGCCGCGCTGAGCACGGCGCTCTTCAACGACGGC  
GCGTCGTGCGGGCAGTGCTACGTCATCATCTGCGACAGCAGCAAGACCCAGTGGT  
GCAAGCCCGGCAACA AACTGGGTTCGTCTCCGCCACCAACTTCTGCCCGCCAA  
CTGGGACCTCCCCGCCGTCGGAGACCTCCCCGCCGGCGGCTGGTGCGCCCGCCA  
CGGCCCACTTCGACATGTCCAGCCC GCCTGGGAGAACATCGGCATCTACAGCG  
CCGGCGTCATCAACGTCCTCTACCAGCGAGTGAAGTGCTGGAAGAGCGGCGGCG  
TGCGCTTACCATGGCCGGCTTCAACGGCTTCTACATGGTGCTCGTCACCAACGTC  
GCCGGCAGCGGCTCCATCCAGAGCATGGCGGTGAAGGGCAACAACACGGATTGG  
ATCCCATGTACAGGA ACTGGGGCGCCA ACTGGCACTGCCTCTCCGGCGGGCTCG  
TCGGACAGGGCCTCAGCTTCGCGCTCGTCTCCACCGGCGGCCAGAACCTCGTCTT  
CAAGGACGTCGTGCCGGCGTGGTGGCAGTTCGGACAAACTTACACCACCTACCAG  
AATTCGACTACTAA

### Nucleotide

>SbEXPA-34

CCAGCTGGACCCTAACCTAGAAAGCTATATAAGCGCCACCATTGCTGCGGACATT  
CCTCACCTCCAAGCTCCAGACCTGTCTACTGTCTCTACTCTCTAGCTAGCTAGTAG  
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CGTTTCCTCCACCAGCTGGTACTCGCCGTCGCCGTTGCGCTCTTCGTCTCTCCGGT  
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TCCGACACAATGGGTAATAACCTAGCTATACTATAACCTTTGTCTTTGTGTTGTTCA  
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GTCGTGCGGGCAGTGCTACGTACATCATCTGCGACAGCAGCAAGACCCAGTGGTGC  
AAGCCCGGCAACAACCTGGGTCGTCTCCGCCACCAACTTCTGCCCGCCAACT  
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GCCCCACTTCGACATGTCCCAGCCCGCCTGGGAGAACATCGGCATCTACAGCGCC  
GGCGTCATCAACGTCCTCTACCAGCGAGTGAAGTGCTGGAAGAGCGGCGGCGTG  
CGCTTCACCATGGCCGGCTTCAACGGCTTCTACATGGTGCTCGTCACCAACGTCG  
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CGGACAGGGCCTCAGCTTCGCGCTCGTCTCCACCGGCGGCCAGAACCTCGTCTTC  
AAGGACGTCGTGCCGGCGTGGTGGCAGTTCGGACAACTTACACCACCTACCAG  
AATTCGACTACTAATAAGCGTGTGCACAAGTTATTAATTTATTGGGTTCGATCCTC  
CAATACCAGAGAATTCAGCGTGTGCTGATTAAGTGATTATATATTGCTTCATATC  
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GTAAGTAAAGTACTAAGTTG