

## IDENTIFICATION

**Species:** *Setaria italica*

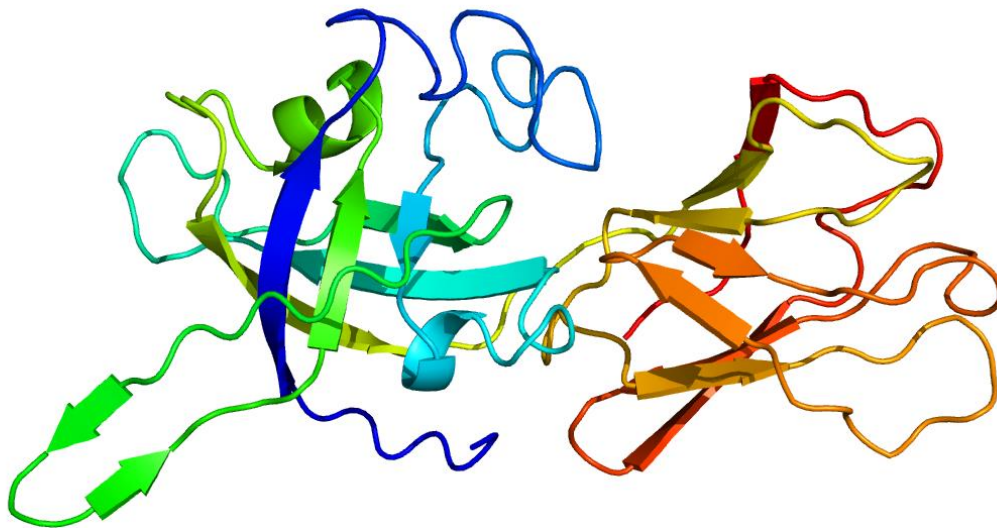
**Locus:** Seita.6G086200

**Gene Model:** Seita.6G086200.1.p

**Description:** SitEXPA-17

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

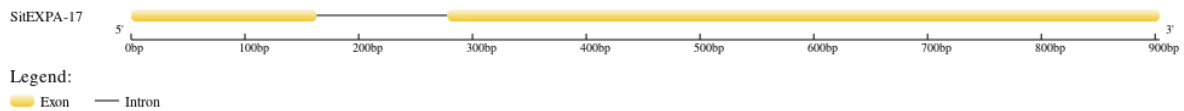
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

KEGG: <https://www.genome.jp/entry/gn:T02818>

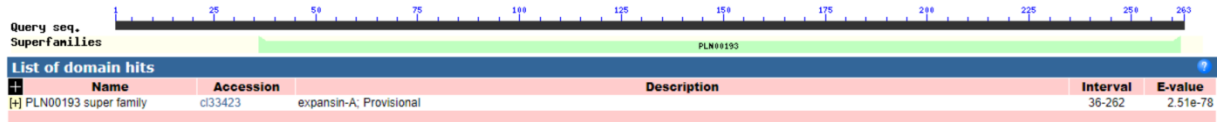
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPA-17

MDPRPASRRATAAAALLLLAASPAAVTAAAVHGGGWQEAHATFYGDETGAETMQ  
GACGYGNLFEQGYGLETTALSVALFDEGRACGGCYELRCQGSSYCARGGAPVTVTA  
TNACPANYSKPNENWCNPPLRHFDSLKPVFLRLVTDFHVGIIIPVQYRRALCAKGGV  
RFEMRGNRWWVAVLVFNVAGAGDVRAVAAGSRDGAWVEMRRNWGQIWDGAD  
ARLVGQGLSFRVTNGDGRSIVFDHVVPPTWTAGQSFEGKHQF\*

### CDS (coding sequence)

>SitEXPA-17

ATGGATCCGAGACCGGCGTCTCGCCGCGCCACCGCGGCCGCGGCACTGCTGCTTC  
TGCTCGCCGCCTCTCCGGCGGGCGGTCACGGCAGCGGCGGTCCACGGCGGCGGCTG  
GCAGGAGGCGCACGCCACGTTCTACGGCGACGAGACCGGAGCCGAAACCATGCA  
GGGCGCGTGCGGGTACGGCAACCTGTTCGAGCAGGGGTACGGGCTGGAGACGAC  
GGCGCTGAGCGTGGCGCTCTTCGACGAAGGCAGGGCCTGCGGCGGCTGCTACGA  
GCTCCGGTGCCAGGGCAGCTCCTACTGCGCGCGGCGGCGCGCCGGTGACGGT  
GACGGCGACGAACGCGTGCCCGGCCAACTACTCCAAGCCCAACGAGAACTGGTG  
CAACCCGCCGCTGCGTCACTTCGACCTGTCCAAGCCCGTGTTCCTCCGCCTCGTCA  
CCGACTTCCACGTCGGCATCATCCCCGTGCAGTACCGCCGCGCGCTCTGCGCAA  
GCGCGGCGGTGTGCGGTTTCGAGATGAGGGGGAACCGGTGGTGGGTGCGCGTGCT  
CGTCTTCAACGTCGCCGGCGCCGGGGATGTCAGGGCCGTTGCGGCCAAGGGGTCC  
CGGGACGGGGCGTGGGTGGAGATGCGGCGCAACTGGGGGCAGATCTGGGATGGC  
GCCGACGCGCGGCTCGTCGGGCAGGGACTGTTCGTTCCGGGTGACCAACGGCGAC  
GGCCGCTCCATCGTCTTCGACCACGTCGTGCCGCCGACGTGGACGGCCGGTCAGA  
GCTTCGAGGGAAAGCACCAGTTCTGA

### Nucleotide

>SitEXPA-17

ATGGATCCGAGACCGGCGTCTCGCCGCGCCACCGCGGCCGCGGCACTGCTGCTTC  
TGCTCGCCGCCTCTCCGGCGGGCGGTCACGGCAGCGGCGGTCCACGGCGGCGGCTG  
GCAGGAGGCGCACGCCACGTTCTACGGCGACGAGACCGGAGCCGAAACCATGCG  
TGAGTTGATAGGGTCCACCACTGACATGCTTGTGCGTTCTACCTAGTCTTCTTCTT  
GCTCTAGCACGTAACAATGTAATTAACGACTGCCATGTCAAATTGCCAATGCTTG

CAGAGGGCGCGTGCGGGTACGGCAACCTGTTTCGAGCAGGGGTACGGGCTGGAGA  
CGACGGCGCTGAGCGTGGCGCTCTTCGACGAAGGCAGGGCCTGCGGCGGCTGCT  
ACGAGCTCCGGTGCCAGGGCAGCTCCTACTGCGCGCGCGGCGGCGGCCGGTGA  
CGGTGACGGCGACGAACGCGTGCCCGGCCAACTACTCCAAGCCCAACGAGA  
GGTGCAACCCGCCGCTGCGTCACTTCGACCTGTCCAAGCCCGTGTTCCTCCGCCTC  
GTCACCGACTTCCACGTCGGCATCATCCCCGTGCAGTACCGCCGCGCGCTCTGCG  
CCAAGCGCGGCGGTGTGCGGTTTCGAGATGAGGGGGAACCGGTGGTGGGTCGCCG  
TGCTCGTCTTCAACGTCGCCGGCGCCGGGGATGTCAGGGCCGTTGCGGCCAAGGG  
GTCCCGGGACGGGGCGTGGGTGGAGATGCGGGCGCAACTGGGGGCAGATCTGGGA  
TGGCGCCGACGCGCGGCTCGTCGGGCAGGGACTGTCGTTCCGGGTGACCAACGG  
CGACGGCCGCTCCATCGTCTTCGACCACGTCGTGCCCGCCGACGTGGACGGCCGGT  
CAGAGCTTCGAGGGAAAGCACCAGTTCTGA