

## IDENTIFICATION

**Species:** *Setaria italica*

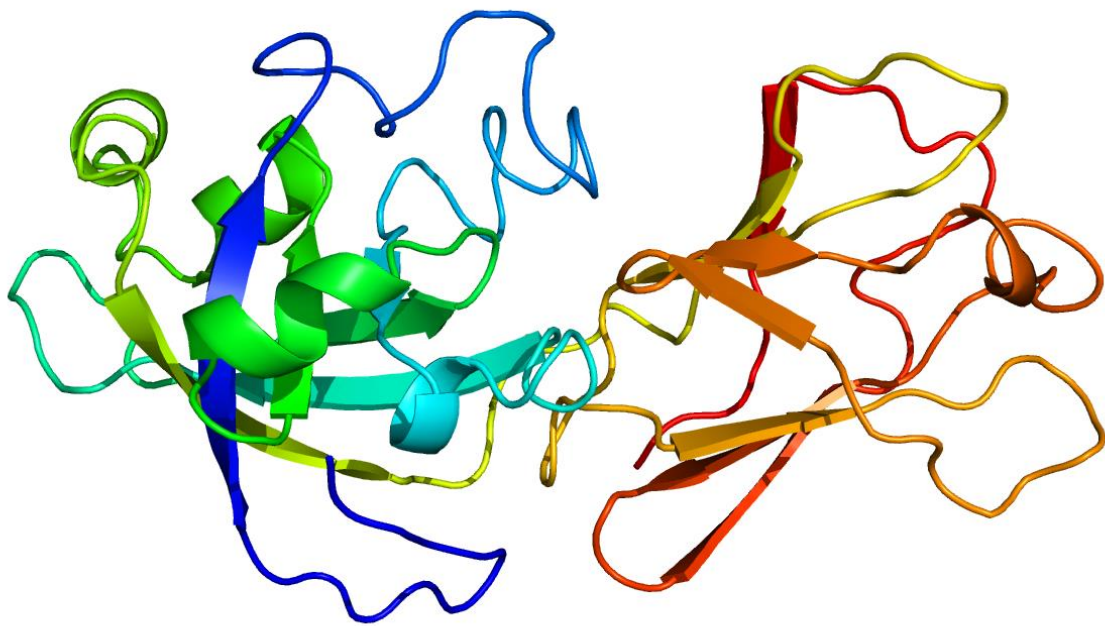
**Locus:** Seita.1G260800

**Gene Model:** Seita.1G260800.1.p

**Description:** SitEXPB-06

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

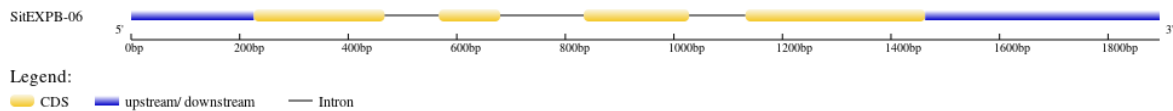
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

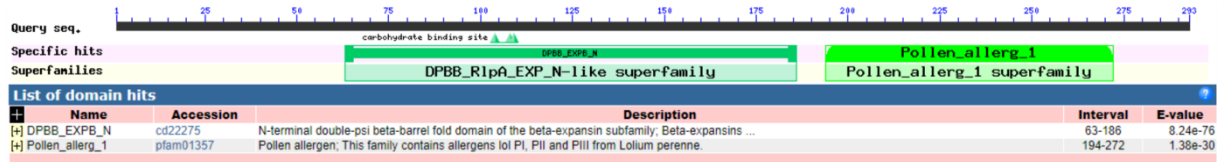
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPB-06

MAKSHTLLL GALVVLALLVSP IACSRKLA KPNKHRPSHKPA VRARSNYTATPSASDA  
 YGSGGWLSAGATYYGAPNGD GSDGGACGYQTA VGRPFSSMISAGSPSLFKGGKGC  
 GACYEVKCDSNPACSGQPATV VITDECPGGVCLAEAAHFDM SGTSMGAMAKPGMA  
 DRLRAAGILKVQYKRVPCKYS GLNIAFRVDQGSNPFYFEVLIE FEDGDGDL SAVDLM  
 EAGCGTWTPMVQNW GALWRYNSNTGKALRAPFSLRLTSESGKVLVANNVIPAGWT  
 AGATYRSLVNYS\*

### CDS (coding sequence)

>SitEXPB-06

ATGGCGAAGTCTCACACCTTGCTGCTCGGCGCACTGGTCGTGCTCGCGCTTCTGGT  
 GAGCCCCATTGCTTGCTCCCGCAAGCTCGCCAAGCCCAACAAGCACAGGCCGAGC  
 CACAAGCCGGCTGTCAGGGCCCGCAGCAACTACACCGCTACCCCCTCGGCCTCCG  
 ACGCCTACGGCTCCGGCGGGCTGGCTGTCCGCTGGCGCGACGTACTACGGCGCCCC  
 CAACGGCGACGGCAGTGACGGCGGGCGCGTGCGGCTACCAGACCGCCGTCGGGCA  
 GCGGCCCTTCTCGTTCGATGATCTCCGCCGGCAGCCCGTCGCTGTTCAAGGGAGGC  
 AAGGGCTGTGGCGCCTTGCTACGAGGTTAAATGCGACAGCAACCCAGCGTGCTCC  
 GGCCAGCCGGCGACCGTGGTCAATAACCGACGAGTGCCCCGGCGGGCGTCTGCCTCG  
 CCGAGGCGGCCACTTCGACATGAGCGGCACCTCCATGGGCGCCATGGCGAAGC  
 CCGGCATGGCCGACAGGCTTCGCGCCGCGGCATCCTAAAGGTCCAGTACAAGA  
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 CCCTTCTCGCTGCGGCTCACCTCCGAGTCCGGCAAGGTCCTCGTCGCCAACAACG  
 TCATCCCCGCCGGCTGGACGGCCGGCGCCACGTACCGCTCCTTGGTGA ACTACTC  
 CTGA

### Nucleotide

>SitEXPB-06

GTCACGTTCTCCCCACTAATTCAGCCGGCAGGATCCCCAAATTTTCTTGCCACGT  
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