

## IDENTIFICATION

**Species:** *Setaria italica*

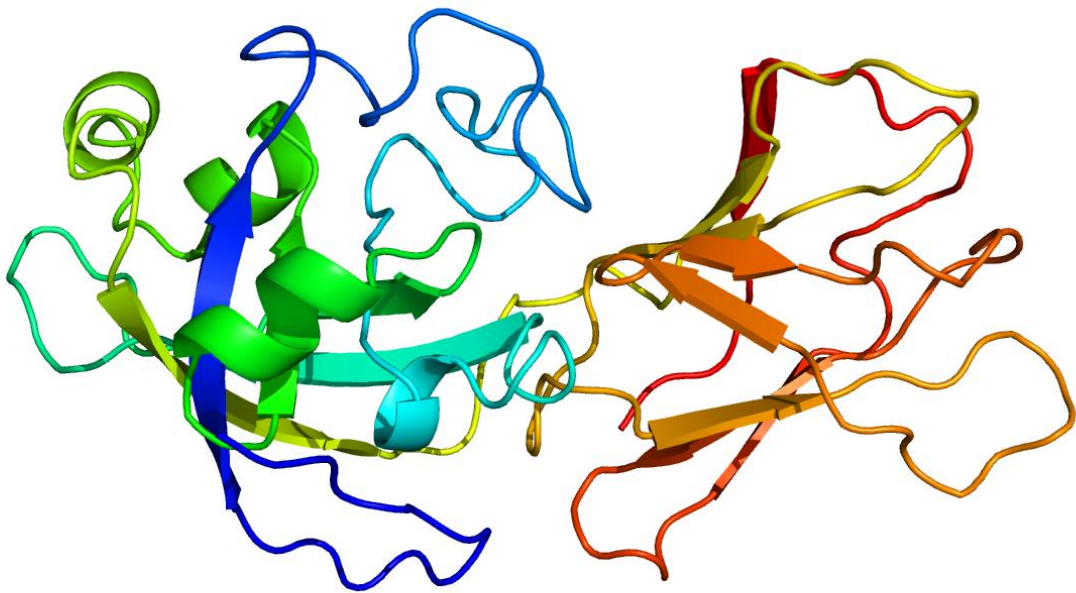
**Locus:** Seita.1G248900

**Gene Model:** Seita.1G248900.1.p

**Description:** SitEXPB-01

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

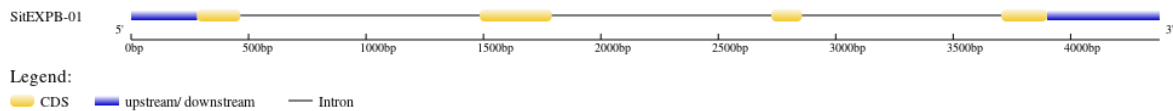
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

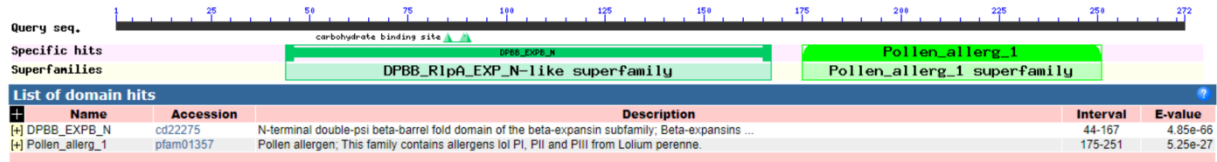
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPB-01

MAASSSSSSAASAVLLASLVVCGACLFSGSAEASGAAHRVVDPEWHPATATWYGSAE  
GDGSDGGACGYGTLVDVVPMKARVGA VSPVLFKSGEGCGACYKVRCLDHNICSRR  
AVTVIVTDECPGGVCGGGRTHFDLSGAAFGRLAVAGAGGQLRNRGEINVVFRRTAC  
RYGGKNIAFHVNEGSTSFWLSLLVEFEDGDGDIGSMQLKQANSAQWQDMQHIWGA  
TWSLTPGPLVGPFSVRLTTLTGKQTLTAQDVIPKNWTPKATYTSRLNFG\*

### CDS (coding sequence)

>SitEXPB-01

ATGGCCGCTCCTCGAGCTCTTCTTCCGCCGCCAGCGCCGTGCTCCTCGCGTCGCT  
CGTCGTCTGTGGTGCGTGCCTCTTCGGCTCGGCGGAGGCTTCGGGGGCGGGCGCAC  
AGGGTGGTTCGACCCGGAGTGGCACCCGGCCACCGCCACCTGGTACGGCAGCGCC  
GAGGGCGACGGCAGCGACGGCGGCGCGTGCGGGTACGGGACGCTGGTGGACGTG  
GTGCCGATGAAGGCGCGCGTGGGCGCGGTGAGCCCCGTGCTGTTCAAGTCCGGC  
GAGGGCTGCGGCGCCTGCTACAAGTCCGGTGCCTCGACCACAACATCTGCTCGC  
GCCGCGCCGTACGGTCATCGTCACGGACGAGTGCCCCGGCGGGGTCTGCGGGC  
GCGGACGCACGCACTTCGACCTCAGCGGCGCCGCGTTCGGCCGCCTCGCCGTCG  
CGGCGCCGGCGGCCAGCTGCGCAACCGGGGCGAGATCAACGTCGTGTTCCGCAG  
GACGGCGTGCAGGTACGGGGGCAAGAACATCGCCTTCCACGTGAACGAGGGCTC  
CACCAGCTTCTGGCTCTCCCTCCTGGTCGAGTTCGAGGACGGCGACGGTGACATC  
GGATCCATGCAGCTCAAGCAGGCAAACCTCGGCGCAGTGGCAGGACATGCAGCAC  
ATCTGGGGGGCCACCTGGAGCCTCACCCCGGGCCCGCTCGTCGGGCCCTTCTCCG  
TGAGGCTGACGACCCTGACCGGCAAGCAGACGCTCACGGCCCAGGACGTCATCC  
CCAAGAACTGGACCCCAAGGCCACCTACACCTCCCGCCTCAACTTCGGGTAG

### Nucleotide

>SitEXPB-01

CAGCCATCCAGGCAGCCACCACCCTAGCGCCCCTACCCGTGCATCCCCATTGTCC  
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