

## IDENTIFICATION

**Species:** *Setaria italica*

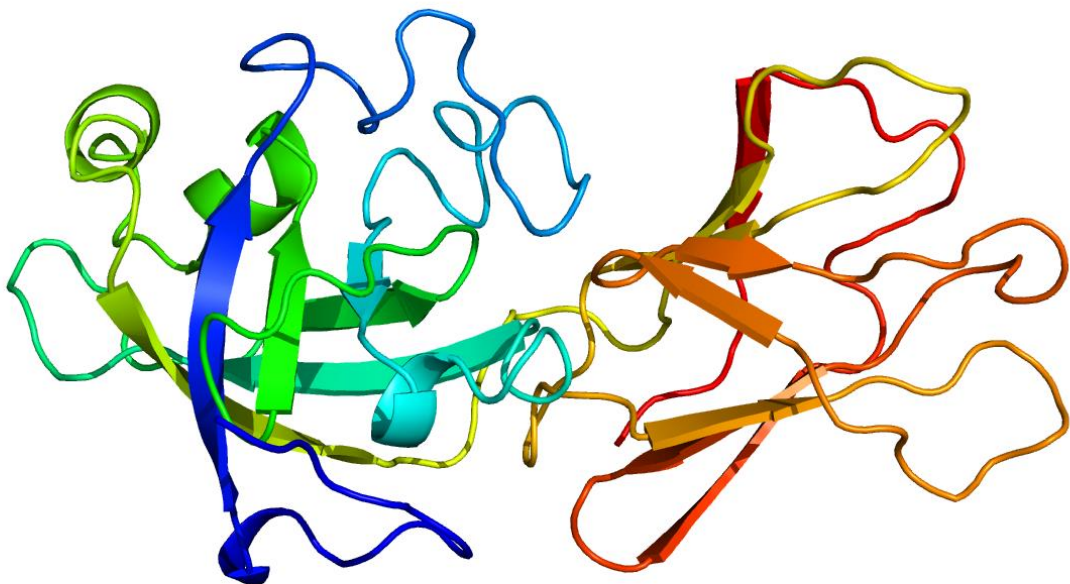
**Locus:** Seita.8G190900

**Gene Model:** Seita.8G190900.1.p

**Description:** SitEXPB-15

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

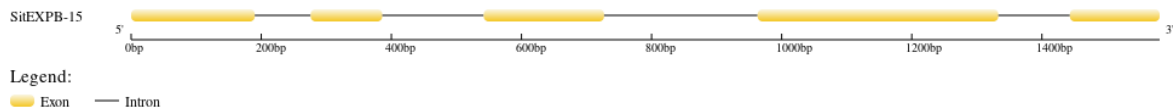
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

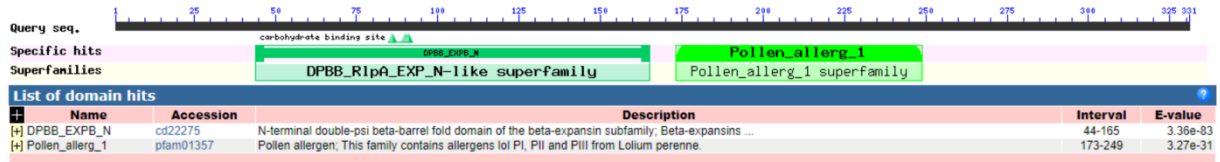
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPB-15

MASMIASSKVIALGALIFLLLVLVYGSCTRIVNFNASHITADPYWVAARATWYGAPTG  
AGPYDNGGACGFKNVNLPFSAMTSCGNQPLFKDGGKGCSCYQIRCLNHPACSGNP  
ETVAITDMNYYPVAKYHFDLSGTAFGALAKPGRNDELRHAGIIDIQFKRVPICIYPGQ  
MVTFHIEHGSNPNYLAVLVEFEDGDGDVVQVDLMEANSWWTPMRESWGSIWRLD  
TRRPLTAPFSLRITNESGQKLVAAYQVIPANWAPNTYYRSNIQYQAFSSDDGLDIGSAA  
GLVTSMSGVLCGYAVGGVVCLQKFDDEHNIPMNFVDSSAFVPHL\*

### CDS (coding sequence)

>SitEXPB-15

ATGGCATCCATGATCGCCTCGTCCAAGGTGATTGCACTTGGTGCCTGATCTTCCT  
CCTCCTTGTCTTGTATGGCTCATGCACTAGGATCGTCAACTTCAATGCCTCCCACA  
TCACCGCAGACCCCTACTGGGTGGCTGCCAGGGCAACTTGGTATGGTGCGCCAAC  
CGGCGCTGGCCCCTATGACAACGGTGGAGCTTGCGGGTTCAAGAACGTGAACCTG  
CCTCCTTTCTCGGCCATGACGTCATGCGGCAACCAGCCCCTGTTCAAGGATGGCA  
AGGGCTGCGGCTCGTGCTACCAGATAAGATGCCTCAACCACCCTGCATGCTCCGG  
CAATCCGGAGACGGTGGCAATCACTGACATGAACTACTACCCAGTCGCCAAGTAC  
CACTTTGACCTCAGCGGCACGGCGTTTGGTGCCTTGGCAAAGCCCGGCCGCAATG  
ATGAGCTCCGCCACGCCGGCATCATCGACATCCAGTTCAAGAGGGTGCCCTGCAT  
CTACCCCGGGCAGATGGTGACCTTCCACATCGAGCACGGCTCAAACCCTAACTAC  
TTGGCGGTGCTCGTTGAGTTCGAAGATGGCGACGGCGATGTCGTCCAGGTGGACC  
TCATGGAGGCCAACTCCGGGTGGTGGACGCCGATGCGGGAGTCGTGGGGATCCA  
TCTGGAGGTTGGACACCAGACGACCGCTCACGGCCCCCTTCTCGCTGCGCATCAC  
CAACGAGTCTGGCCAGAAGCTGGTGGCTTACCAGGTCATCCCGGCCAACTGGGCG  
CCAACACCTACTACCGCTCCAACATCCAGTACCAGGCTTTTAGCTCTGATGATG  
GTCTGGATAATTGGCTCTGCTGCTGGACTGGTGACAAGTGATATGTCGGGTGTCTT  
ATGCGGCTATGCTGTAGGAGGTGTTGTGTGTCTTCAAAAATTTGATGATGAAAC  
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### Nucleotide

>SitEXPB-15

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AACCACCCTGCATGCTCCGGCAATCCGGAGACGGTGGCAATCACTGACATGAACT  
ACTACCCAGTCGCCAAGTACCCTTTGACCTCAGCGGCACGGCGTTTGGTGCCTT  
GGCAAAGCCCGGCCGAATGATGAGCTCCGCCACGCCGGCATCATCGACATCCA  
GTTCAAGAGGTCTGTGACATGCACTGCTTATTTTCATAGAACCAGAGGCCAACCA  
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CCTTCCACATCGAGCACGGCTCAAACCCTAACTACTTGGCGGTGCTCGTTGAGTT  
CGAAGATGGCGACGGCGATGTCGTCCAGGTGGACCTCATGGAGGCCAACTCCGG  
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