

## IDENTIFICATION

**Species:** *Setaria italica*

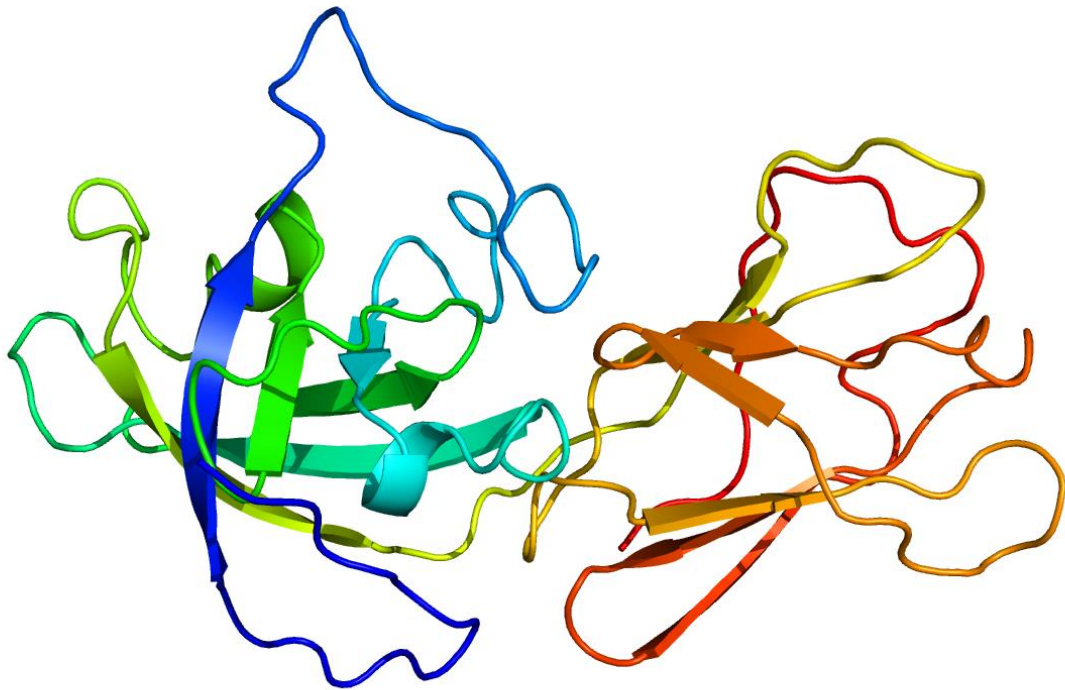
**Locus:** Seita.7G212500

**Gene Model:** Seita.7G212500.1.p

**Description:** SitEXPA-21

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

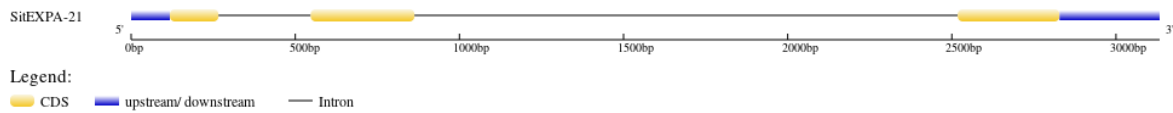
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

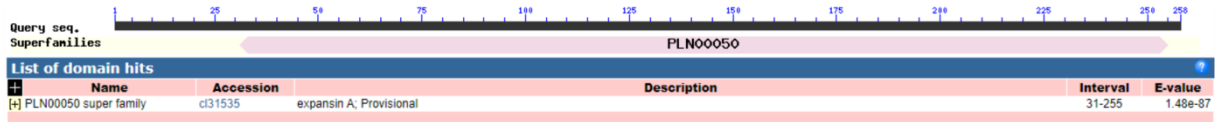
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPA-21

MAPPLLLVFLLLPALAAGHQHPSSFGSSALSEWRPAKASYAAADPEDAIGGACGFGD  
LGKHGYGMATVGLSTALFDRGAACGGCYEVRCVENLKYCLPGTSIVVTATNFCAPN  
YGLPADAGGHCNPPNHFLPIQAFEKIALWKAGVMPIQYRRVKCLREGGVRFVSNV  
RHFFFTVLISNVGGAGDVRVSVKIKGTESGWLSMGRNWGQVWHINCDMRGQPLSFEL  
SSSDGKTLTSFNVVPKDWEYGKTYTGKQFL\*

### CDS (coding sequence)

>SitEXPA-21

ATGGCTCCGCCGCTACTGCTCGTCTTCTCCTCCTCCCAGCCCTCGCCGCCGGTCA  
CCAGCATCCGTCCTCCTTCGGCTCCTCCGCCCTCCTCCGAGTGGCGCCCCGCCAAGG  
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GGATCTGGGGAAGCACGGTTACGGAATGGCGACGGTGGGGCTGAGCACGGCGCT  
GTTCGATCGCGGAGCGGCGTGCGGCGGCTGCTACGAGGTCAGGTGCGTCGAGAA  
TCTCAAGTATTGCCCTCCCCGGCACCTCCATCGTCGTCACAGCCACCAACTTCTGCG  
CCCCAACTACGGCCTCCCCGCCGACGCCGGCGGCCACTGCAACCCGCCAACCA  
CCACTTCTCCTCCCCATCCAGGCGTTCGAGAAGATTGCGCTCTGGAAGGCCGGC  
GTCATGCCCATCCAGTACCGCCGTGTTAAGTGCCTCCGTGAAGGTGGTGTGTCAGGT  
TTTCTGTCAACGGTCGACACTTCTTCTTACAGTCCTAATCAGCAACGTTGGTGGC  
GCGGGTGATGTGAGATCGGTGAAGATCAAAGGAACGGAGTCAGGATGGCTCTCG  
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CCCCTGTCCTTCGAGCTCAGCTCAAGTGATGGCAAGACTGACCAGTTTCAATG  
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### Nucleotide

>SitEXPA-21

ACACTTGCACAGTTCCTCCACTGTCTACTACTACTCTACTCCACCCTCCTCCCTCA  
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