

IDENTIFICATION

Species: *Setaria italica*

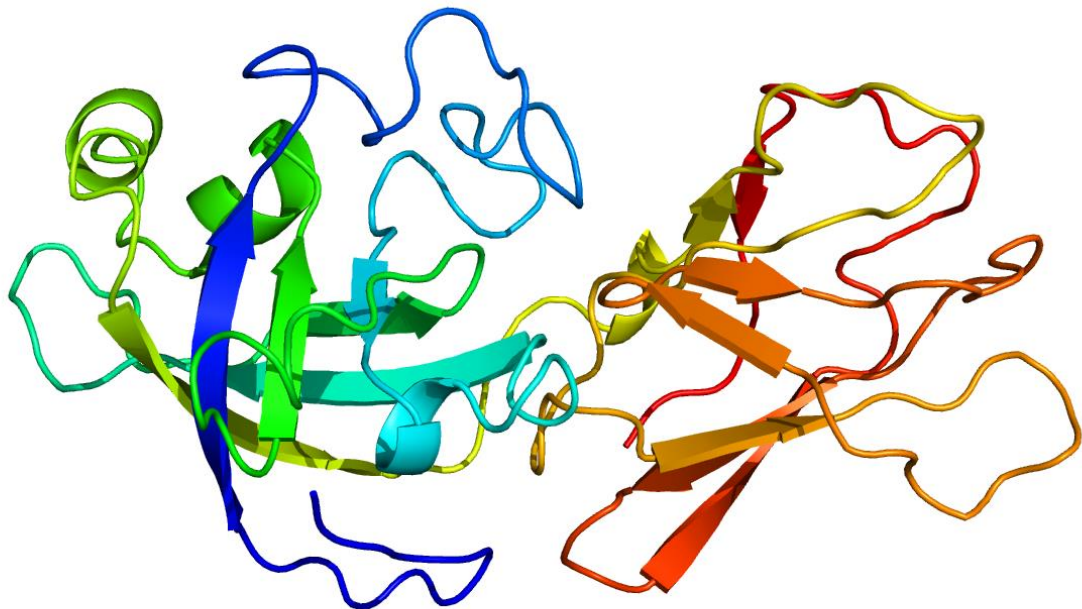
Locus: Seita.7G177400

Gene Model: Seita.7G177400.1.p

Description: SitEXPB-11

Family: Beta Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2

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

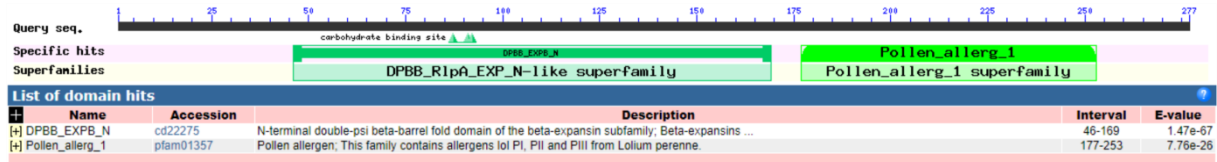
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SitEXPB-11

MAPSRSLALFLLCILAPAPPVSAALLFGGGKSSAAAGKAADLDMEWRPATATWYGD
AEGDGSDDGGACGYGTLVDVVPMKARVGSVSPVLFKDGEGCGACYKVKCLDRGICS
RRAVTVIVTDECPGGLCAFGHTHFDLSGAAFSRMAVAGAGGRLRDRGQLNVVYRRT
ACKYGGKNIAFRVNEGSTNFWLSLLVEFEDGEEDIGSMQIKQANSVEWLDMKHWV
GATWCLVRGPLVGPFSVRLATLSAKKTLTARDVIPRNWTPKATYTSRLNFEPSSL*

CDS (coding sequence)

>SitEXPB-11

ATGGCTCCCTCGCGCTCCCTCGCCCTCTTCCTGCTCTGCATTCTGGCGCCGGCGCC
TCCCGTCTCCGCCGATTGCTGTTTCGGCGGGCGGAAGTCGTCGGCCGCGGGCGGG
AAGCGGGCGGACCTGGACATGGAGTGGCGGGCCGGCCACCGCGACGTGGTACGGC
GACGCCGAGGGCGACGGCAGCGACGGCGGCGCGTGCGGGTACGGGACGCTGGTG
GACGTGGTGCCGATGAAGGCGCGGGTGGGGTTCGGTGAGCCCCGTGCTGTTCAAG
GACGGCGAGGGCTGCGGCGCCTGCTACAAGGTCAAGTGCCTGGACCGGGGCATC
TGCTCGCGCCGGGCGGTGACGGTGATCGTCACCGACGAGTGCCCCGGCGGGCTCT
GCGCCTTCGGCCACACGCACTTCGACCTCAGCGGCGCCGCCTTCAGCAGGATGGC
CGTCGCCGGGCGCCGGCGGCGCCTTCGCGACCGGGGCCAGCTGAACGTCGTCTAC
AGGAGGACGGCCTGCAAGTACGGCGGGAAGAACATAGCATTCCGTGTGAACGAG
GGCTCGACCAACTTCTGGCTCTCGCTGCTCGTTCGAGGACGGCGAAGGCG
ACATTGGATCCATGCAGATAAAGCAGGCCAACTCGGTGGAGTGGCTGGACATGA
AGCACGTGTGGGGGGCCACGTGGTGCCTGGTGCGGGGCCCGCTCGTGGGGCCCTT
CTCCGTGAGGCTGGCCACGCTGTCCGCCAAGAAGACGCTCACGGCCCCGGGACGTC
ATCCCCAGGAAGTGGACGCCAAGGCCACCTACACCTCGCGCCTCAACTTCGAGC
CGTCCCTCTAG

Nucleotide

>SitEXPB-11

ACACTACACCACTCCTGCACTCCTCAATCCTCAATTCCTCATTGCCCTGCCGCCA
TGCCCGTGTGGCCATTTGTACAGACTACAGAGCAGATAGCTTATCTCTAGCGAGG
CCAGCCCTGCCAGCCAGCCGAGCACCTCTGGGGTCTGAGCTCTGACTGAGCATT

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