

IDENTIFICATION

Species: *Sorghum bicolor*

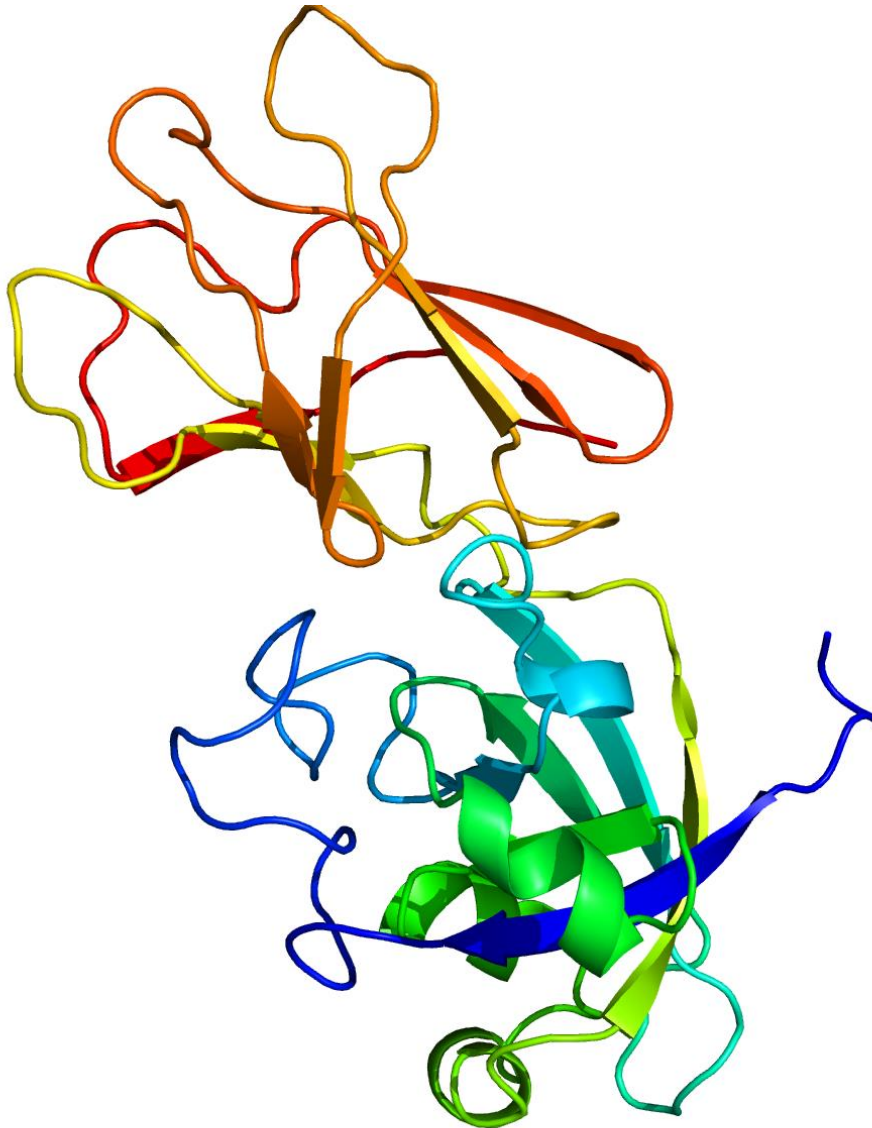
Locus: Sobic.006G031900

Gene Model: Sobic.006G031900.1.p

Description: SbEXPB-37

Family: Beta Expansin

3D structure:



GENOME DATABASES

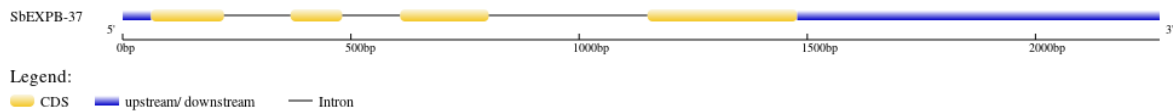
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

KEGG: <https://www.genome.jp/entry/T01086>

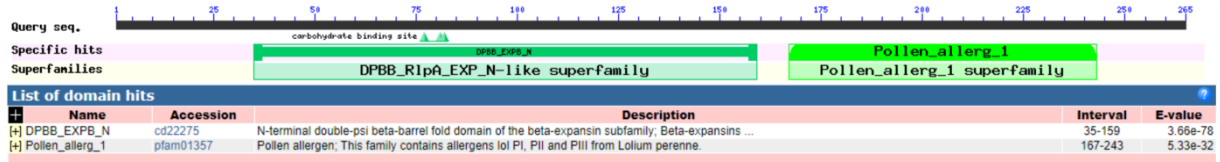
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-37

MATKMVLCRFVALAALACLLRPGAPVELHRRLSAWSGDAGATWYGAPTGAGSDGG
ACGYQNAVDQPPFSSMIAAGSPSIFQNGEGCGSCYQVKCTGHASCSGSPVTVVLTDE
CPGGACLAEPVHFDLSGTAFGALAKPGQADQLRSAGLLKIQYTRVPCNWNMGMDIAF
KVDGGSNANYLAVLIEYESGDGELRSVELMQRGGAAWAPMQRSWGAVWRYNSGA
ALQAPFSVRLTSGSGRTVVATNVIPAGWSPGATYRSVVNFNN*

CDS (coding sequence)

>SbEXPB-37

ATGGCTACCAAGATGGTCCTGTGTCGCTTTGTGGCCTTGGCGGCTCTCGCCTGCCT
CCTCCGCCCTGGCGCGCCCGTCGAGCTCCACCGCAGGCTCTCCGCCTGGTCCGGC
GACGCCGGCGCGACGTGGTACGGCGCACCCACCGGCGCTGGGAGCGACGGTGGT
GCGTGCGGGTACCAGAACGCCGTCGACCAGCCGCGTTCTCGTCCATGATCGCCG
CCGGCAGCCCGTCCATCTTCCAGAACGGCGAGGGCTGCGGCTCCTGCTATCAGGT
GAAATGCACCGGTCACGCGTCGTGCTCCGGCAGCCCGGTGACGGTGGTCTTGACC
GACGAGTGCCCCGGCGGCGCGTGCCTGGCCGAGCCCGTGCACCTTCGACCTGAGCG
GCACGGCGTTTCGGAGCCCTGGCGAAGCCCGGCCAGGCCGACCAGCTCCGCAGCG
CCGACTCCTCAAGATCCAGTACACTCGGGTGCCGTGCAACTGGAACGGGATGG
ACATCGCGTTCAAGGTGGACGGCGGGTCGAACGCGAACTACTTGGCGGTGCTGAT
CGAGTACGAGTCCGGCGACGGCGAGCTGAGGTCCGTGGAGCTCATGCAGCGCGG
CGGCGCGGCGTGGGCGCCGATGCAGCGGTCGTGGGGCGCCGTGTGGAGGTACAA
CTCCGGCGCCGCCCTGCAGGCGCCCTTCTCCGTCCGCCTCACCTCCGGCTCCGGCA
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Nucleotide

>SbEXPB-37

CACCACTCCACAAAGCACAGCACTGCTCGGCTTGGCTTGGCTTGTCTCTTCTTT
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ACCGGGCCAGGCT