

IDENTIFICATION

Species: *Sorghum bicolor*

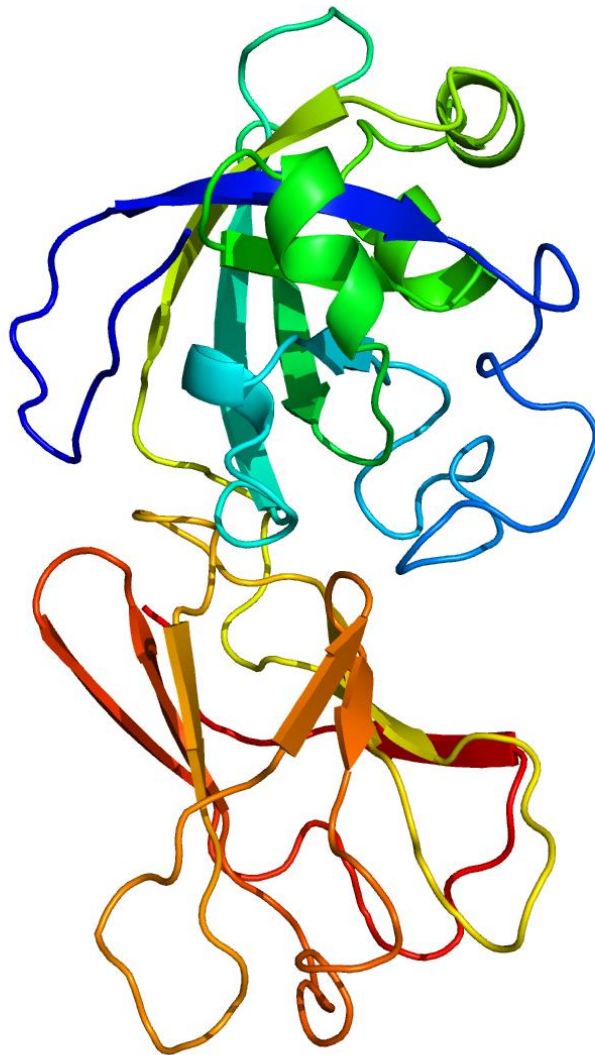
Locus: Sobic.004G294400

Gene Model: Sobic.004G294400.1.p

Description: SbEXPB-35

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>

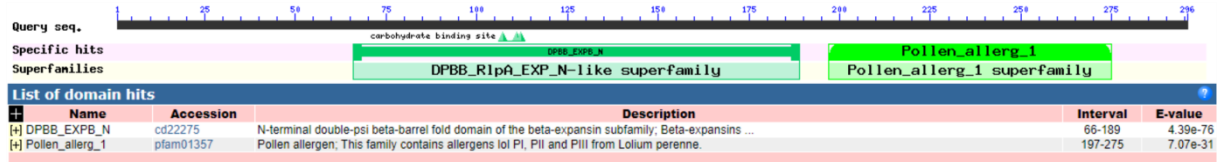
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-35

MAKSYTFLFGALVVLALLVSPIACSRKLAKPNKHKPTHKPAARVVAPRSNYTSTPSA
SDAYGSGGWLSAGATYYGAPNGDGS DGGACGYQTA V GQRP FSSMIAAGSPSLFKGG
KGCGACYEVKCD SNAACSGQPATV VITDECPGGVCLAEAAHFDMSGTSMGAMAKP
GMADRLRAAGILKIYKRV PCKYSGVNIAFRVDQGSNPFYLEVLVEFEDGDGDL SAV
DLMEAGCGT WTPMVQNW GALWRYNSNTGKALKAPFSLRLTSDSGKVLVANNVIPA
GWNPGATYRSLVNYS*

CDS (coding sequence)

>SbEXPB-35

ATGGCGAAATCTTACACCTTCCTGTTCCGGTGC ACTGGTCGTCCTCGCGCTTCTAGT
GAGCCCCATTGCTTGCTCCCGCAAGCTCGCCAAGCCGAACAAACAAGCCCACC
CACAAGCCGGCTGCCAGGGTCGTCGCGCCCCGCAGCAACTACACCTCCACCCCCT
CGGCGTCCGACGCATACGGCTCCGGCGGCTGGCTGTCTGCCGGCGCGACGTACTA
CGGCGCCCCAAACGGCGACGGCAGTGACGGCGGTGCGTGCGGATAACCAGACCGC
CGTCGGGCAGCGGCCCTTCTCGTCGATGATCGCCGCCGGGAGCCCGTCTCTGTTC
AAGGGAGGCAAGGGCTGCGGCGCCTGCTACGAGGTTAAATGCGACAGCAACGCG
GCGTGCTCCGGCCAGCCGGCCACCGTGGTCATCACCGACGAGTGCCCCGGCGGTG
TCTGCCTTGCGGAGGCGGCTCACTTCGACATGAGCGGCAC TTCCATGGGCGCCAT
GGCCAAGCCC GG CATGGCCGACAGGCTTCGCGCCGGCCGGCATCCTCAAGATCCA
GTACAAGAGGGTGCCGTGCAAGTACAGCGGCGTGAACATCGCCTTCAGGGTGGA
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GGCGACCTCAGCGCCGTGGACCTGATGGAGGCCGTTGCGGCACCTGGACGCCG
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CTCAAGGCGCCCTTCTCGCTCCGCCTCACCTCCGACTCCGGCAAGGTGCTCGTCG
CAACAACGTCATCCCCGCCGGCTGGAACCCCGGCGCAACGTACCGCTCCCTGGTC
AACTACTCCTAA

Nucleotide

>SbEXPB-35

ACCAAACGAACACTCGAGCTCTACTCTAAGCTCAGCCTCACAGCTGCTCCTCTCG
AGCTAGAGTGTTACTAGGAGTAGCTTAGAAGAAACCGCTCGCGAAAAAACTAGC
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