

IDENTIFICATION

Species: *Sorghum bicolor*

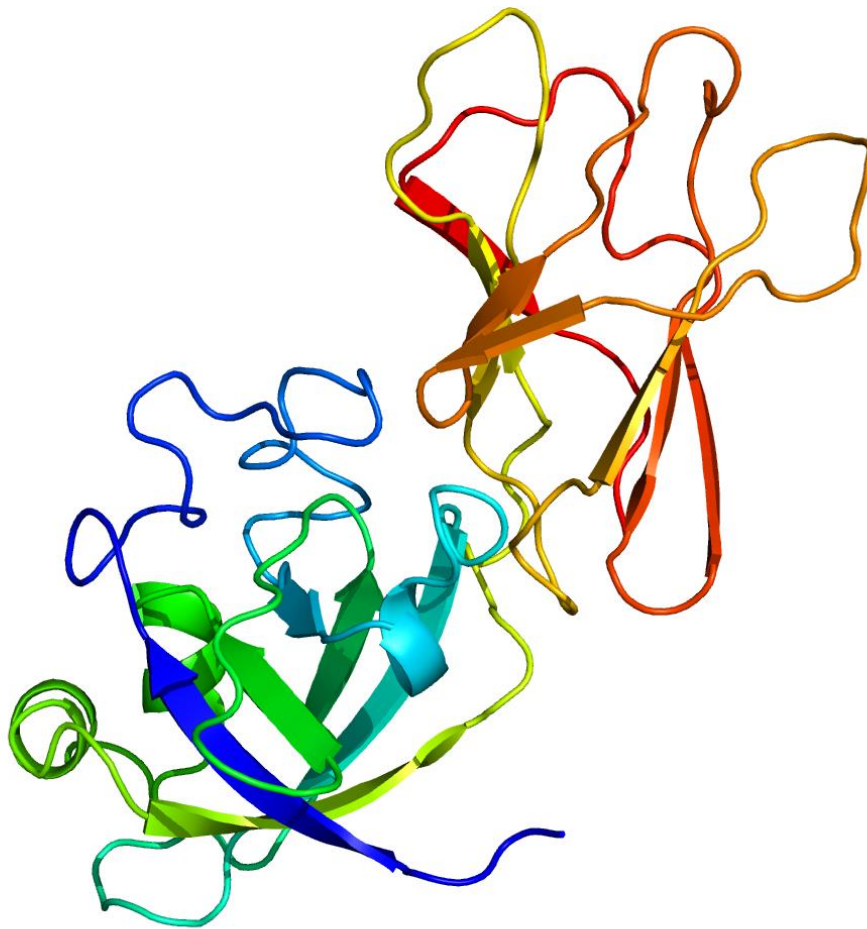
Locus: Sobic.001G300800

Gene Model: Sobic.001G300800.1.p

Description: SbEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

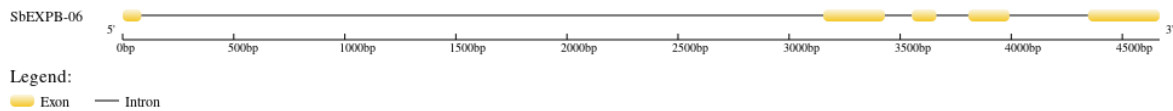
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

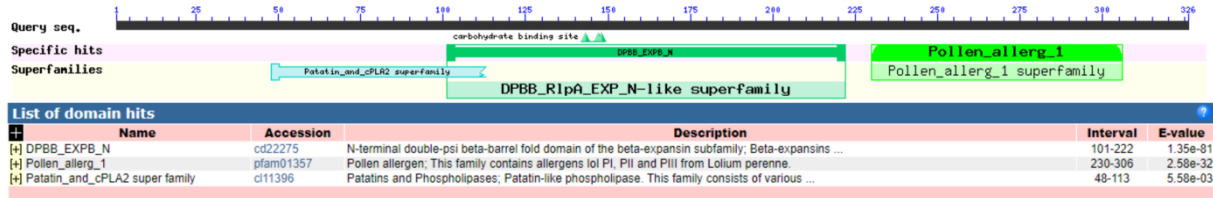
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-06

MPTLIPWWPAPCAVTATSSASPFLSPLVACSSSTIETHHTTSPVCLPIALIAALSSTSYTM
 ATCSSTVVALGALLFSLATCGSCARPVSFNASDFTADPDWEAARATWYGAPTGAG
 PDDDDGGACGFKNVNLPFSAMTSCGNEPLFKDGKGCSCYQIRCQNNDACSGNPET
 VIITDMNYYPVSKYHFDLSGTAFGAMAKPGRSDEL RHAGIIDIQFKRVPCNYPGQKVT
 FHVEEGSNPVYFAVLVEFEDGDGDVQVDLMEANSGSWTPMRESWGSIWRLDSGH
 RLTA PFSLRITNESGKTLVANQVIPANWVPNTYYRSIVQY*

CDS (coding sequence)

>SbEXPB-06

ATGCCGACCCTAATTCCTTGGTGGCCAGCACCCCTGCGCGGTCACCGCCACCTCTTC
 TGCTTCCCCTTTCCTCTCTCCGTTGGTAGCTTGCTCTTCCTCGACCATCGAGACAC
 ACACA ACTTCTCCTGTCTGCCTACCGATAGCTCTAATAGCTGCCCTCTCAAGTACT
 AGCTACACGATGGCCACCTGCTCCTCCACAGTAGTTGCACTTGGTGCACCTTCTCTT
 CTCGCTCCTTGCAACGTGTGGCTCATGCGCTAGACCAGTGAGCTTTAACGCCTCC
 GACTTCACCGCCGATCCCGACTGGGAGGCTGCCAGGGCAACCTGGTACGGTGCGC
 CCACCGGCGCCGGCCCTGATGACGACGGTGGCGCCTGTGGATTCAAGAACGTGA
 ACCTGCCGCGTTCTCGGCAATGACATCGTGCGGCAACGAGCCCTTGTTCAAGGA
 CGGCAAGGGCTGCGGCTCCTGCTACCAGATACGATGCCAAAACAACGATGCCTG
 CTCCGGCAACCCTGAGACGGTGATCATACTGACATGAACTACTACCCCGTGTCC
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 GGTGGACCTCATGGAGGCCAACTCCGGGTCGTGGACGCCGATGCGCGAGTCCTG
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Nucleotide

>SbEXPB-06

ATGCCGACCCTAATTCCTTGGTGGCCAGCACCCCTGCGCGGTCACCGCCACCTCTTC
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