

IDENTIFICATION

Species: *Sorghum bicolor*

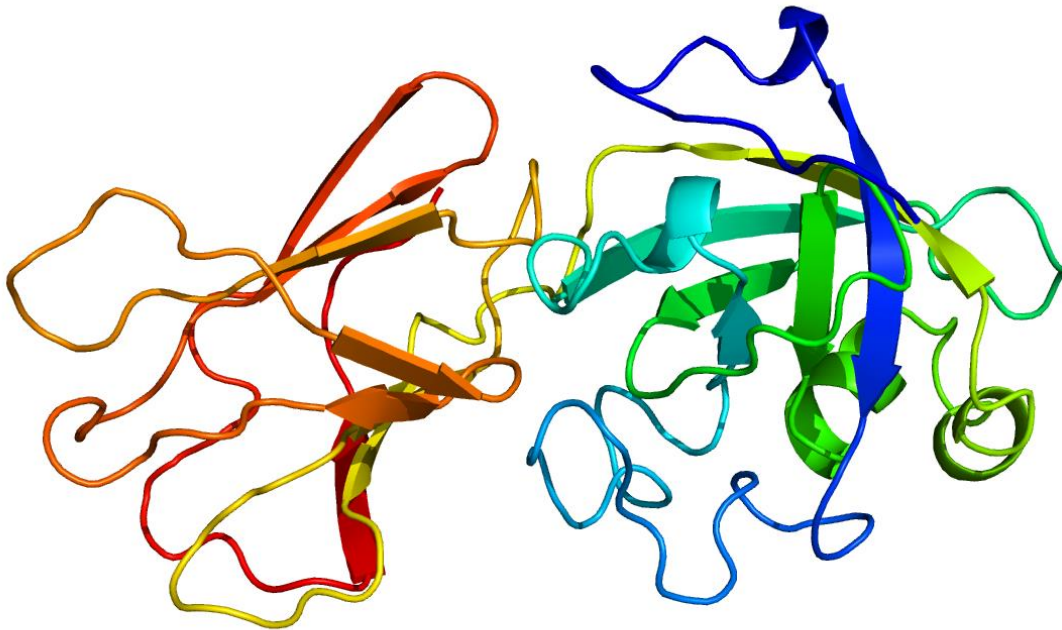
Locus: Sobic.004G191600

Gene Model: Sobic.004G191600.3.p

Description: SbEXPB-31

Family: Beta Expansin

3D structure:



GENOME DATABASES

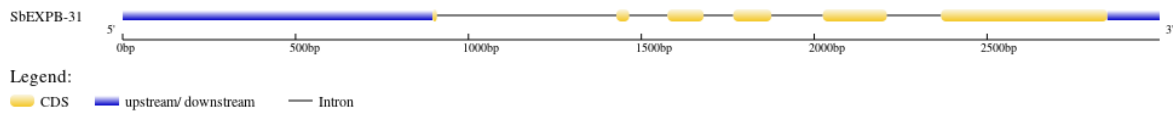
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

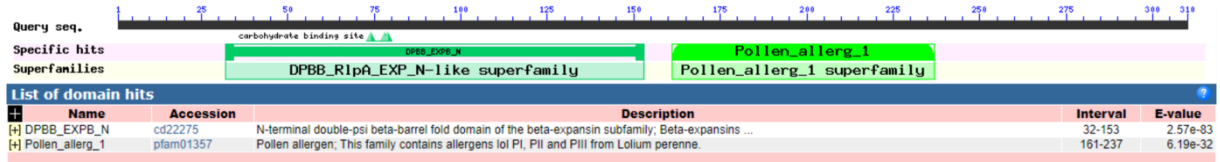
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-31

MSWQEPCDPLPKNILARIVNFNASHITADPYWVAARATWYGAPTGAGPYDNGGACG
FKNVNLPFFSAMTSCGNQPLFKDGGKCGSCYQIRC VNHPACSGNPETVMITDMNYYP
VAKYHFDLSGTAFGAMAQPGRNNELRHAGIIDIQFRRVPCIPGQTVTFHIEHGSNP
YLAVLVEFEDGDGDVVQVDIMEANSWWTPMRESWGSIWWRMDSKRRLQGPFSLRIT
NESGERLVAYQVIPANWAPNTY YRSNIQYEAFGSAAGQAIGFGSAVGLVISSAAGLH
TVITGIIGLICLVLYHLHGIEVPQF*

CDS (coding sequence)

>SbEXPB-31

ATGTCCTGGCAAGAGCCATGTGACCCCCTACCAAAGAATATCCTGGCTAGGATCG
TCAACTTTAATGCCTCCCACATCACGGCGGATCCCTACTGGGTGGCTGCCAGGGC
CACTTGGTATGGTGCGCAACCGGCGCTGGCCCCCTACGACAACGGTGGCGCTTGT
GGGTTCAAGAATGTGAACCTGCCTCCTTTCTCGGCCATGACATCGTGCGGCAACC
AGCCCCTGTTCAAGGATGGCAAGGGCTGTGGCTCGTGCTACCAGATACGATGCGT
CAACCACCCCGCGTGCTCTGGCAACCCGGAGACGGTGATGATCACCGACATGAA
CTACTACCAGTCGCTAAGTACCACTTTGACCTCAGCGGCACGGCGTTTGGTGCC
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Nucleotide

>SbEXPB-31

GGAGCGGAGGGGGCCGCCACCTAGGGAGGGTCCGCCGATTGGGGCCAAATTTGC
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