

IDENTIFICATION

Species: *Sorghum bicolor*

Locus: Sobic.001G542200

Gene Model: Sobic.001G542200.1.p

Description: SbEXPB-26

Family: Beta Expansin

3D structure:



GENOME DATABASES

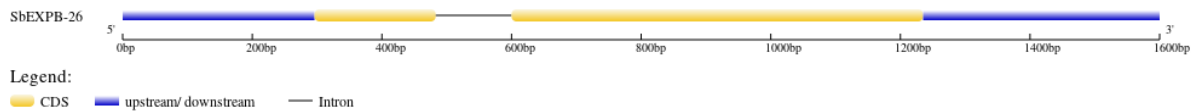
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

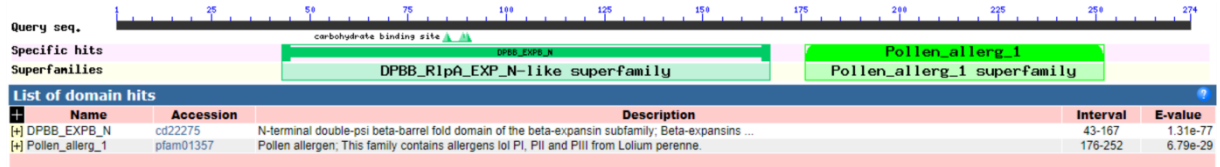
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-26

MGSLSSLSCLLVAARAAVSLLLAYCAAAAVNYNTSDAAALQWGNARATWYGQP
NGAGPYDNGGACGFKKVNQYPFMAMTSCGNQPLYRDGKGCSCYKIRCSSSKHAA
CSGRTEVITDMNYTPGVAPYHFDLSGTAFGKLAKPGRNDELRRAGIIDIQFTRVPC
EFPGLKVGHFVVEEGSSQVYFAVLVEYENGDDVQVQDLMEKSSRRWTPMRHSWG
SIWRLDSNHRLQPPFSIRTRSDSGKTLVARDVIPLNWRPNTFYRSIVQYSS*

CDS (coding sequence)

>SbEXPB-26

ATGGGGTCCCTGTCCTCGCTCTCCTGCCTGCTAGTGGCGGCAAGGGCCGCCGCCG
TCTCCCTCCTGCTGGCCTATTGCGCCGCCGCCCGCGTGA ACTACAACACGAGCGA
TGCCGCCGCCTTGCAGTGGGGCAACGCCAGGGCCACCTGGTACGGCCAGCCCAA
CGGTGCCGGGCCCTACGACAACGGCGGCGCTTGCGGGTTCAAGAAGGTGAACCA
GTACCCGTTTCATGGCCATGACCTCGTGCGGCAACCAGCCGCTGTACCGCGACGGC
AAAGGCTGCGGTTCTGCTACAAGATCAGGTGCTCCAGCTCCAAGCACGCCGCCT
GCTCCGGCCGCACCGAGACGGTGGTGATCACGGACATGAACTACACCCCGGGCG
TGGCGCCCTACCACTTCGACCTCAGCGGCACCGCCTTCGGCAAGCTGGCCAAGCC
CGGCCGCAACGACGAGCTCCGCCGCGCGGGGATCATCGACATCCAGTTCACCAG
GGTGCCTTGCAGTTCCCGGGCCTCAAGGTTCGGCTTCCACGTCGAGGAGGGCTCC
AGCCAGGTCTACTTCGCCGTGCTGGTTCGAGTACGAGAACGGAGACGGCGACGTC
GTGCAGGTGGACCTCATGGAGAAGGGCAGCAGCCGCCGGTGGACGCCCATGCGC
CACTCCTGGGGATCCATCTGGCGCCTCGACTCCAACCACCGCCTGCAGCCGCCCT
TCTCCATCCGCACCCGAAGCGACTCCGGCAAGACGCTCGTCGCACGCGACGTCAT
CCCACTCAACTGGAGGCCAAACACATTCTACAGATCAATCGTCCAGTACTCGTCCG
TGA

Nucleotide

>SbEXPB-26

GGAGATGCGCCGCCAAACCCCAACATGGCAGTGGCAGTGGCAGGCATGTGTGTA
GCAATGCATGCAATGCAAAAAAACAACACACCACACTGCTGCATGCCATTGCCT

GCCTTCCTTCCTTTAGCTAGCTTGCATTATATACTGGATGGATGGATGGATGGAGG
AGGAGTATGTATTGTCTAGCTAGTACCTCGATCGAGCCCTTGCCTTCAATTCAAT
TCATCTCTCCCTTGCTTGGCAGGAGTAGGTAGTTGGATCGGAGCAGAGCAAAGAA
AGGCGGCCGGGCATAGTTTAATGGGGTCCCTGTCCTCGCTCTCCTGCCTGCTAGT
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GTGAACTACAACACGAGCGATGCCGCCGCTTGCAGTGGGGCAACGCCAGGGCC
ACCTGGTACGGCCAGCCCAACGGTGCCGGGCCCTACGACAACGGTATGTATGTAT
GTGTACTGTCGTATATATTATGATCTGTATGCGTGCATTTGTTGGTTGATTGATGG
CTCACCGTCACCGGACCGCCATGGCTGCTGCTGCTCCATATATATGCAGGCGGGC
CTTGCGGGTTCAAGAAGGTGAACCAGTACCCGTTTCATGGCCATGACCTCGTGGC
CAACCAGCCGCTGTACCGCGACGGCAAAGGCTGCGGTTCTGCTACAAGATCAG
GTGCTCCAGCTCCAAGCACGCCGCTGCTCCGGCCGCACCGAGACGGTGGTGATC
ACGGACATGAACTACACCCCGGGCGTGGCGCCCTACCACTTCGACCTCAGCGGCA
CCGCTTTCGGCAAGCTGGCCAAGCCCGGCCGCAACGACGAGCTCCGCCGCGCGG
GGATCATCGACATCCAGTTCACCAGGGTGCCCTGCGAGTTCCCGGGCCTCAAGGT
CGGCTTCCACGTCGAGGAGGGCTCCAGCCAGGTCTACTTCGCCGTGCTGGTCGAG
TACGAGAACGGAGACGGCGACGTCGTGCAGGTGGACCTCATGGAGAAGGGCAGC
AGCCGCCGGTGGACGCCCATGCGCCACTCCTGGGGATCCATCTGGCGCCTCGACT
CCAACCACCGCCTGCAGCCGCCCTTCTCCATCCGCACCCGAAGCGACTCCGGCAA
GACGCTCGTCGCACGCGACGTCATCCCACTCAACTGGAGGCCAAACACATTCTAC
AGATCAATCGTCCAGTACTCGTCGTGAAACTCATCCATCCATCATTGGCATTAAAT
TTGCTGCTCATTAGTTCATATCTCTCTCGAGTCTCGATCGATCGATAACTATG
AGTATTGATGAGCAATAAGCTGTATTATCTGTCTTACACATATGAATGTACATGT
GTCTTCATTCCATCTTTGTTTCAACATACATAAAAATTAATTTTGATTTGGTAAAC
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GG