

IDENTIFICATION

Species: *Sorghum bicolor*

Locus: Sobic.004G121700

Gene Model: Sobic.004G121700.1.p

Description: SbEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

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

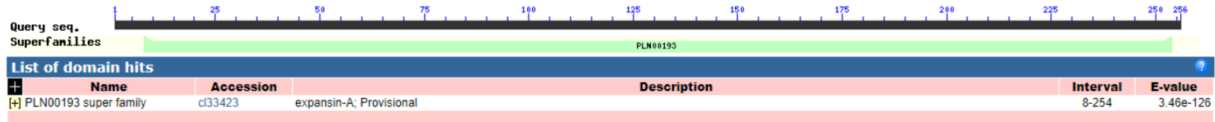
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPA-26

MAVPARVFTLLLLAAASWVSAMAANAPPTGWLKAHATFYGGADASDTMGGACG
YGNLYSQGYGTRTAALSTDGASCGQCYKIACDRKRADPRFCKPGVTVTVTATNFCPP
NLALPEGGWCNQQRPHFDMAQPAFEKIGVYSGGIPIIMYKRVPVCRGGVRFTHINGH
DYFNLVLVTNVAAGSIKSMEVKTSNSSNWSPLARNWGANWHSLAYLTRQMLSFR
VTDTDGQTIEFKDVVPQGWKFGQTFASKLQFK*

CDS (coding sequence)

>SbEXPA-26

ATGGCGGTTCCAGCTCGAGTTTTCACACTCTTGCTGCTCGCAGCTGCCAGTTGGGT
GTCGGCCATGGCAGCCAATGCTCCGGCACCAACCGGGTGGCTGAAGGCGCATGC
CACCTTCTACGGAGGCGCTGATGCCTCCGACACCATGGGCGGCGCATGCGGGTAC
GGCAACCTCTACTCCCAGGGCTACGGCACGCGGACGGCGGCCCTGAGCACGGAT
GGGGCCTCATGCGGCCAGTGCTACAAGATCGCGTGCGACCGCAAGAGAGCCGAC
CCAAGGTTCTGCAAGCCCGGCGTCACGGTGACCGTCACGGCCACCAACTTCTGCC
CGCCTAACTTGGCGCTGCCTGAGGGCGGTTGGTGCAATCAGCAGCGCCCGCACTT
TGACATGGCCCAACCGGCATTTGAGAAGATCGGCGTCTACAGCGGCGGTATCATC
CCATCATGTACAAAAGAGTTCCTTGTGTGAAGCGAGGTGGGGTGCCTTACCA
TCAATGGACATGACTACTTCAATCTTGTGCTTGTGACCAATGTTGCGGCTGCCGGC
TCCATCAAATCCATGGAAGTCAAGACCTCGAATTCGAGTAACTGGTCTCCATTGG
CACGCAACTGGGGTGCGAACTGGCACTCTCTTGCATATCTTACAAGGCAGATGCT
CTCGTTTtagggTCACCGACACAGATGGGCAAACCTATTGAATTCAAAGATGTGGTG
CCACAAGGATGGAAGTTTGGCCAAACATTTGCATCCAAGTTGCAGTTCAAGTGA

Nucleotide

>SbEXPA-26

ATGGCGGTTCCAGCTCGAGTTTTCACACTCTTGCTGCTCGCAGCTGCCAGTTGGGT
GTCGGCCATGGCAGCCAATGCTCCGGCACCAACCGGGTGGCTGAAGGCGCATGC
CACCTTCTACGGAGGCGCTGATGCCTCCGACACCATGGGTAAGCTAGCTAGCTAG
CCACTCAAGAACCATGCATGGGATAGCTTTCAGCTTCTATCTCTATGCCATGAAC
ATGATGCACATCTGTCATCGTCTGATCTATCTACTAATATACGTCTATGGTGGTGG
TGGCAGGCGGCGCATGCGGGTACGGCAACCTCTACTCCCAGGGCTACGGCACGC

GGACGGCGGCCCTGAGCACGGTGCTCTTTTAGGATGGGGCCTCATGCGGCCAGTG
CTACAAGATCGCGTGCGACCGCAAGAGAGCCGACCCAAGGTTCTGCAAGCCCGG
CGTCACGGTGACCGTCACGGCCACCAACTTCTGCCCCGCTAACTTGGCGCTGCCT
GAGGGCGGTTGGTGCAATCAGCAGCGCCCGCACTTTGACATGGCCCAACCGGCAT
TTGAGAAGATCGGCGTCTACAGCGGCGGTATCATCCCCATCATGTACAAAAGGTA
TTCTTTATGTCATTTTCTTCCTCTTCCTAGCTAGCCTGGATCTATTAGAAAAAAC
AAAACCTTATTGGGATGCAATGCAATATCCTAATACTACAATAATTAATTTCTTG
CTTGCATATAGAGTTCCTTGTGTGAAGCGAGGTGGGGTGCGCTTCACCATCAATG
GACATGACTACTTCAATCTTGTGCTTGTGACCAATGTTGCGGCTGCCGGCTCCATC
AAATCCATGGAAGTCAAGACCTCGAATTCGAGTAACTGGTCTCCATTGGCACGCA
ACTGGGGTGCGAACTGGCACTCTCTTGCATATCTTACAAGGCAGATGCTCTCGTTT
AGGGTCACCGACACAGATGGGCAAACCTATTGAATTCAAAGATGTGGTGCCACAA
GGATGGAAGTTTGGCCAAACATTTGCATCCAAGTTGCAGTTCAAGTGA