

IDENTIFICATION

Species: *Setaria viridis*

Locus: Sevir.7G186900

Gene Model: Sevir.7G186900.1.p

Description: SvEXPB-09

Family: Beta Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

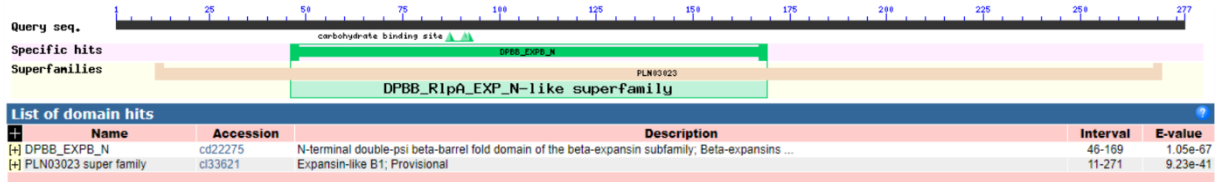
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-09

MAPSRSLALFLLCILALAPPVSAALLFGGGKSSAAAGKAADLDMEWRPATATWYGD
AEGDGSDDGACGYGTLVDVVPVKARVGSVSPVLFKDGEGCGACYKVKCLDRGICS
RRAVTVIVTDECPGGLCAFGHDFDLSGAAFSRMAVAGAGGRLRDRGQLNVVYRRT
ACKYGGKNIAFRVNEGSTNFWLSLLVEFEDGEEDIGSMQIKQANSVEWLDMKHVW
GATWCLVRGPLVGPFSVRLATLSAKKTLTARDVIPRNWTPKATYTSRLNFEPSSL*

CDS (coding sequence)

>SvEXPB-09

ATGGCTCCCTCGCGCTCCCTCGCCCTCTTCCTGCTCTGCATTCTGGCGCTGGCGCC
TCCCGTCTCCGCCGATTGCTGTTTCGGCGGCGGGAAGTCGTCGGCCGCGGGCGGGG
AAGGCGGCGGACCTGGACATGGAGTGGCGGCCGGCCACCGCGACGTGGTACGGC
GACGCCGAGGGCGACGGCAGCGACGGCGGCGCGTGCGGGTACGGGACGCTGGTG
GACGTGGTGCCGATGAAGGCGCGGGTGGGGTTCGGTGAGCCCCGTGCTGTTCAAG
GACGGCGAGGGCTGCGGCGCCTGCTACAAGGTCAAGTGCCTGGACCGGGGCATC
TGCTCGCGCCGGGCGGTGACGGTGATCGTCACCGACGAGTGCCCCGGCGGGCTCT
GCGCCTTCGGCCACACGCACTTCGACCTCAGCGGCGCCGCCTTCAGCAGGATGGC
CGTCGCCGGCGCCGGCGGCCGCTGCGCGACCGGGGCCAGCTGAACGTGCTCTAC
AGGAGGACGGCCTGCAAGTACGGCGGGAAGAACATAGCATTCCGTGTGAACGAG
GGCTCGACCAACTTCTGGCTCTCGCTGCTCGTTCGAGTTCGAGGACGGCGAAGGCG
ACATTGGATCCATGCAGATAAAGCAGGCCAACTCGGTGGAGTGGCTGGACATGA
AGCACGTGTGGGGGGCCACGTGGTGCCTGGTGCGGGGCCCGCTCGTGGGGCCCTT
CTCCGTGAGGCTGGCCACGCTGTCCGCCAAGAAGACGCTCACGGCCCGGGACGTC
ATCCCAGGAACTGGACGCCCAAGGCCACCTACACCTCGCGCCTCAACTTCGAGC
CGTCCCTCTAG

Nucleotide

>SvEXPB-09

AGTCAGGGACTGAGGGACAGAGCAGCAAGAAGGGCTCCACTTCCACTACCCAGC
AACATTCAACACACTGCACAATGCTTGTTACTGATTTCTTTCACCTACGTGCTACA

GCTTCTCCCTTATAAATCAGACACCATTACCATTCCTGGTCTTGCTGTCCGGTACA
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