

IDENTIFICATION

Species: *Setaria viridis*

Locus: Sevir.6G037500

Gene Model: Sevir.6G037500.1.p

Description: SvEXPB-08

Family: Beta Expansin

3D structure:



GENOME DATABASES

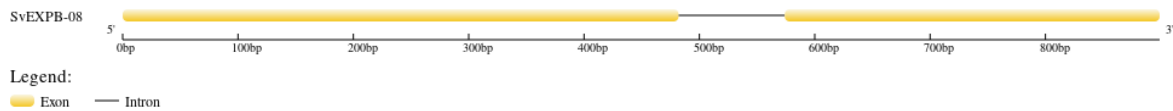
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

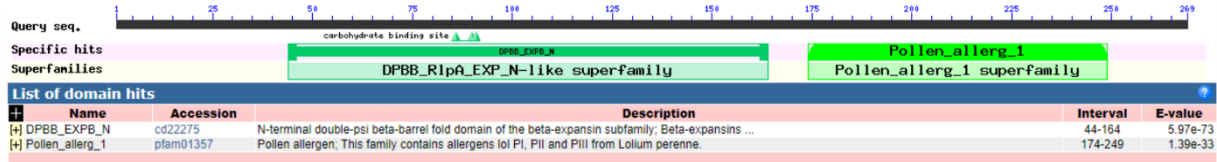
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPB-08

MGSLMPNVVVVVAVAAVLA VLVAGVSCWAPPGPNITTDYNGRWL PARATWYGQ
PTGAGPDDNGGACGIKDVNLPPYAAMTSCGNLPLFKDGKGC GSCYEIKCKVPECSIQ
PVRVFITDMNYGPVAPY YFDLSGTAFGSM AKPGLNDQLRRRGIIDLDFRRVPCKYVA
GQRIVFHVEEGSNPFYLA VLVKFVAVDGSIVQMDLKDQASPEWQPMRHSWGAIWRS
DTPRPLKGPFSIRLTSESGKTLVATDVIPEKWQPNTVYNSNIQF*

CDS (coding sequence)

>SvEXPB-08

ATGGGATCCCTGATGCCCAACGTCGTCGTTGTCGTCGCCGTTGCCGCCGCGTCCT
GGCGGTGCTCGTGGCCGGCGTGTCTGCTGGGCGCCGCGGGCCCCAACATCACG
ACGGACTACAACGGCAGGTGGCTCCCGGCGAGGGCCACCTGGTACGGCCAGCCC
ACCGGCGCCGGGCCCCGACGACAACGGCGGCGCGTGC GGGATCAAGGACGTGAAC
CTGCCGCCCTACGCCGCCATGACGTCCTGCGGCAACCTCCCGCTCTTCAAGGACG
GCAAGGGCTGCGGCTCCTGCTACGAGATCAAATGCAAGGTGCCTGAGTGCTCGAT
CCAGCCGGTGAGGGTGTTCATCACCGACATGAACTACGGCCCCGTCGCCCCCTAC
TACTTCGACCTCAGCGGCACCGCGTTCGGCTCCATGGCCAAGCCGGCCTCAACG
ACCAGCTCCGCCGCCGCGGCATCATCGACCTCGACTTCAGGAGGGTGCCGTGCAA
GTACGTGGCCGGGCAGAGAATCGTGTTCCACGTGGAGGAAGGGTCGAACCCGTT
CTACCTGGCGGTGCTGGTGAAGTTCGTGGCGGTGGATGGCAGCATCGTGCAGATG
GACCTCAAGGACCAGGCGTCGCCGGAGTGGCAGCCGATGAGGCACTCCTGGGGC
GCCATCTGGAGGTCCGACACGCCAGGCCGCTCAAGGGCCCCTTCTCCATCCGCC
TCACCAGCGAGTCCGGCAAGACGCTCGTCGCCACCGACGTCATCCCAGAGAAGT
GGCAGCCCAACACCGTCTACA ACTCCAACATCCAGTTCTAG

Nucleotide

>SvEXPB-08

ATGGGATCCCTGATGCCCAACGTCGTCGTTGTCGTCGCCGTTGCCGCCGCGTCCT
GGCGGTGCTCGTGGCCGGCGTGTCTGCTGGGCGCCGCGGGCCCCAACATCACG
ACGGACTACAACGGCAGGTGGCTCCCGGCGAGGGCCACCTGGTACGGCCAGCCC
ACCGGCGCCGGGCCCCGACGACAACGGCGGCGCGTGC GGGATCAAGGACGTGAAC

CTGCCGCCCTACGCCGCCATGACGTCCTGCGGCAACCTCCCCTCTTCAAGGACG
GCAAGGGCTGCGGCTCCTGCTACGAGATCAAATGCAAGGTGCCTGAGTGCTCGAT
CCAGCCGGTGAGGGTGTTCATCACCGACATGAACTACGGCCCCGTCGCCCCCTAC
TACTTCGACCTCAGCGGCACCGCGTTCGGCTCCATGGCCAAGCCCGGCCTCAACG
ACCAGCTCCGCCGCCGCGGCATCATCGACCTCGACTTCAGGAGGTCCGATCCGAT
CCATCGTTATTAATTGCTCACCAGTCACCACCAACAATGGCATGGATTACATACC
ATGAACTGCCTGCTGCATAATGCAGGGTGCCGTGCAAGTACGTGGCCGGGCAGA
GAATCGTGTTCCACGTGGAGGAAGGGTCGAACCCGTTCTACCTGGCGGTGCTGGT
GAAGTTCGTGGCGGTGGATGGCAGCATCGTGCAGATGGACCTCAAGGACCAGGC
GTCGCCGGAGTGGCAGCCGATGAGGCACTCCTGGGGCGCCATCTGGAGGTCCGA
CACGCCAGGCCGCTCAAGGGCCCCTTCTCCATCCGCCTCACCAGCGAGTCCGGC
AAGACGCTCGTCGCCACCGACGTCATCCAGAGAAGTGGCAGCCCAACACCGTCT
ACAACTCCAACATCCAGTTCTAG