

IDENTIFICATION

Species: *Setaria viridis*

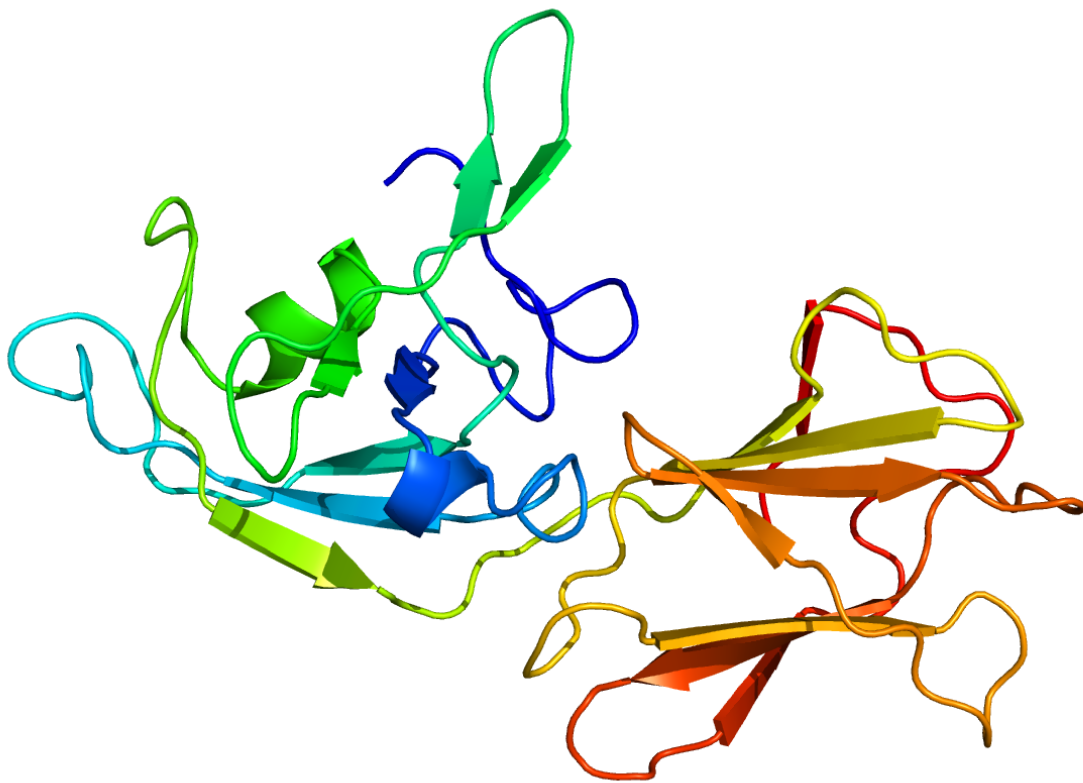
Locus: Sevir.4G223000

Gene Model: Sevir.4G223000.2.p

Description: SvEXPA-13

Family: Alpha Expansin

3D structure:



GENOME DATABASES

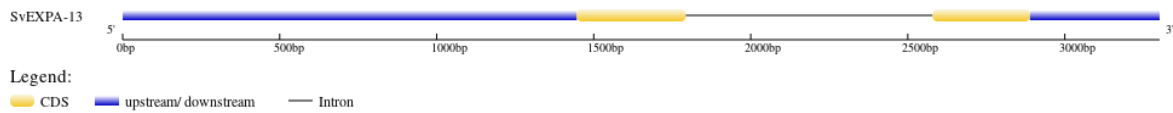
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

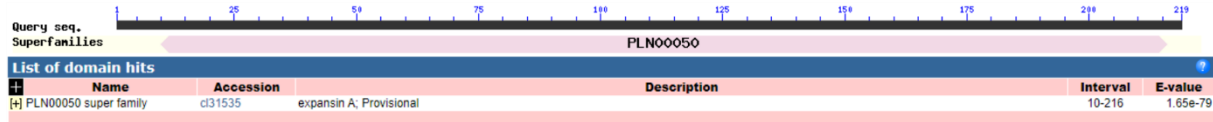
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-13

MSDAMVPAGGGACGYGDLDFRYGRYTAGLSAALFGRGGACGGCYELRCVNDIRG
CLRASPTVVVTATDFCPANMGLADEAGGWCNFPREHLELSEAAFLRVAKAKASIVP
VQFRRVSCDRAGGMRFTITGSAHFLQVLITNVAADGEVAAVKVKGSRGTGWIPMGRN
WGQNWQCDADLRGQPLSFEVTGGRGRAVTAYSVAPADWMFAQTFEGKQFVE*

CDS (coding sequence)

>SvEXPA-13

ATGTCAGATGCAATGGTTCCTGCAGGTGGCGGCGCCTGCGGGTACGGCGACCTGG
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GCGGCGGCGCGTGC GGCGGCTGCTACGAGCTCCGGTGCGTCAACGACATCCGGG
GGTGCCTCCGGGCCAGCCCCACGGTGGTGGTGACGGCGACGGACTTCTGCCCGGC
CAACATGGGCCTCGCCGACGAGGCCGGCGGCTGGTGCAACTTCCCCCGGGAGCA
CCTCGAGCTGTTCGAGGCCGCGTTCCTCCGCGTCGCCAAGGCCAAGGCCAGCATC
GTTCCGGTGCAGTTCGGAGGGTGAGCTGCGACAGGGCGGGCGGCATGCGGTTC
ACGATCACCGGCAGCGCGCACTTCTGCAGGTGCTGATCACCAACGTGGCGGCCG
ACGGCGAGGTGGCCGCCGTGAAGGTGAAGGGGTCGCGGACGGGGTGGATCCCGA
TGGGGCGGA ACTGGGGCCAGA ACTGGCAGTGC GACGCCGACCTCCGTGGCCAGC
CGCTGTCGTTTCGAGGTCACCGGCGGGAGGGGCGGGCGGTCACCGCGTACAGCG
TCGCGCCGGCGGACTGGATGTTTCGCGCAGACGTTTGAAGGCAAGCAGTTCGTCTGA
GTAG

Nucleotide

>SvEXPA-13

GCAGCCTGCTGCCTCTGAAGTCTGACCCCACTCCTGCGAATCCCAATAAAGCCTG
TGCAGAAAGGAAGCGGGCAAAGCAGCCTCGCCTTCGGCCTTCCCCTTCTACTGT
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CCATTCCGGTCTCCTCAGTCCCCTCCTCCACCGCAGTCCACAGCTCAAGCACTG
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CCATTGCTCGTCTTGCGTCGTCTAGGAGAGCTGGGAGGAGGAACGCAGGTGGCAT
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CCTTTTTGTCCCAGGACACGGAATTAAGTTATCCTGCCATTAGCACCAACTGATA
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