

IDENTIFICATION

Species: *Setaria viridis*

Locus: Sevir.7G224300

Gene Model: Sevir.7G224300.1.p

Description: SvEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

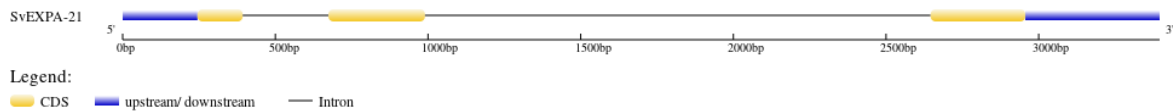
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

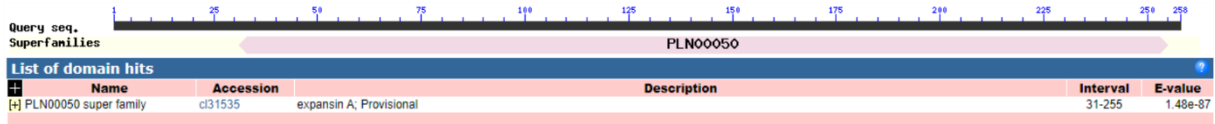
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXPA-21

MAPPLLLVFLLLPALAAGHQHPSSFGSSALSEWRPAKASYAADPEDAIGGACGFGD
LGKHGYGMATVGLSTALFDRGAACGGCYEVRCVENLKYCLPGTSIVVTATNFCAPN
YGLPADAGGHCNPPNHFFLLPIQAFEKIALWKAGVMPIQYRRVKCLREGGVRFVSVG
RHFFFTVLISNVGGAGDVRSVKIKGTESGWLSMGRNWGQVWHINCDMRGQPLSFEL
SSSDGKTLTSFNVVPKDWEYGKTYTGKQFL*

CDS (coding sequence)

>SvEXPA-21

ATGGCTCCGCCGCTACTGCTCGTCTTCTCCTCCTCCCAGGCCCTCGCCGCCGGTCA
CCAGCATCCGTCCTCCTTCGGCTCCTCCGCCCTCCTCCGAGTGGCGCCCCGCCAAGG
CCTCCTACTACGCCGCCGACCCCGAGGACGCCATTGGTGGGGCTTGCGGGTTCGG
GGATCTGGGGAAGCACGGTTACGGAATGGCGACGGTGGGGCTGAGCACGGCGCT
GTTCGATCGCGGAGCGGCGTGCGGCGGCTGCTACGAGGTCAGGTGCGTCGAGAA
TCTCAAGTATTGCCCTCCCCGGCACCTCCATCGTCGTCACAGCCACCAACTTCTGCG
CCCCAACTACGGCCTCCCCGCCGACGCCGGCGGCCACTGCAACCCGCCAACCA
CCACTTCTCCTCCCCATCCAGGCGTTCGAGAAGATTGCGCTCTGGAAGGCCGGC
GTCATGCCCATCCAGTACCGCCGTGTTAAGTGCCTCCGTGAAGGTGGTGTGAGGT
TTTCTGTCAACGGTTCGACACTTCTTCTTACAGTCCTAATCAGCAACGTTGGTGGC
GCGGGTGTGAGATCGGTGAAGATCAAAGGAACGGAGTCAGGATGGCTCTCG
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CCCCTGTCCTTCGAGCTCAGCTCAAGTGATGGCAAGACTGACCAGTTTCAATG
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GTAG

Nucleotide

>SvEXPA-21

CACAGAAAACAAACATGCAATCTGCAAAGGCTAAGCACTTCGAAAAAATCTCC
ACTAAAATACCATACCCTTGCAAAGCATCTATAAAAGCAGGAAGGCCCCAGAAC
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