

IDENTIFICATION

Species: *Setaria viridis*

Locus: Sevir.9G343700

Gene Model: Sevir.9G343700.1.p

Description: SvEXLA-04

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

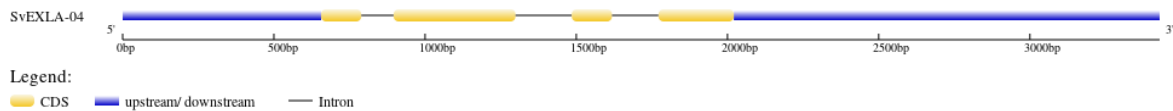
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sviridis_v2_1

KEGG:-

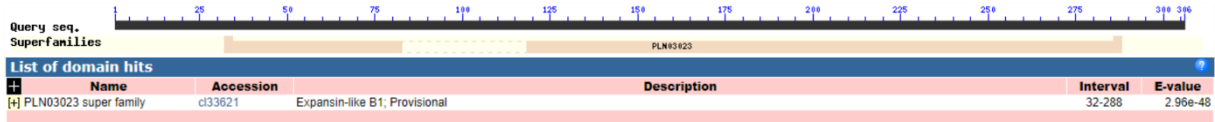
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SvEXLA-04

MRSAASLSLVLLLVFVAVPSPARGCDRCVRRSKATYQASSLALNAGSCGYGSLAASL
NGGFLAAASPELYRGGVGGCAGCFQVGSSSFPELSATADGPDSSACRWA
KRIKLSGDRPLQVRCRDSELCSAAGTKVVVTGQARTSSNRTGLVLSAAA
YAAMARAGEAARLRAHRVVDVEYKRIPEYANRNL
SIRVEEKSRPPS
QLSIRFLYQGGQTDIVA
VDVATV
GSSNWR
FMTREH
GPAWSTA
QAPAGPL
QFRLV
VTGGYD
GKWVWA
ESEVL
PRRWE
AGR
VYDTG
VQVAD
VAQEG
CYP
CDTHE
WQ*

CDS (coding sequence)

>SvEXLA-04

ATGAGGAGCGCCGCGTCCCTGTCCCTCGTCTTGCTCCTCGTCTTCGTCGCGGTCCC
GTCTCCGGCTCGCGGCTGCGACCGCTGCGTGCGCCGGTCCAAGGCCACCTACCAA
GCCTCATCGCTCGCCCTCAACGCCGGTCTTTCGCGGGTACGGCTCCCTGGCCGCGTC
CTTAAACGGCGGCTTCCTCGCCGCGGCCAGCCCCGAGCTCTACAGGGGCGGGCGTC
GGCTGCGGGCGCCTGCTTCCAGGTAGGTTCCTCCTCCTTCCCCGAGCTGTCCGCGAC
GGCCGACGGCCCCGATTCTCCGCGTGTCCGGTGGGCGAAACGGATTAATTAAGC
GGGGATCGCCATTGCAGGTGCGGTGCAGGGACAGCGAGCTGTGCAGCGCCGCC
GGCACCAAGGTGGTGGTGACGGGCCAGGCGCGGACCTCCTCGAACCGCACGGGC
CTGGTGCTGAGCGCCGCGGGCGTACGCGGCCATGGCCCCGCGCCGGCGAGGCCGCG
CGGCTCCGGGCGCATCGCGTCGTGGACGTCGAGTACAAGAGGATCCCATGCGAG
TACGCGAACCGCAACCTGTCCATCCGCGTGGAGGAGAAGAGCCGGCCGCCGAGC
CAACTGTCCATCAGGTTCTGTACCAGGGCGGCCAGACCGACATCGTTCGCCGTGC
ACGTCGCCACGGTCGGGTTCGTCGAACTGGCGGTTTCATGACGCGGGAGCACGGGC
CGGCGTGGAGCACGGCGCAGGCGCCGGCGGGGCCCTGCAGTTCCGCCTGGTGG
TGACCGGCGGGTACGACGGCAAGTGGGTGTGGGCGGAGTCGGAGGTGCTGCCGC
GGCGGTGGGAGGCCGGCCGCGTCTACGACACCGGGGTGCAGGTTCGCCGACGTCG
CGCAGGAAGGGTGTACCCCTGCGACACGCACGAGTGGCAGTGA

Nucleotide

>SvEXLA-04

TTTCTTCCCATAGCTGGAATAGGAATACTACGGCTGTCAGGTGTTCAATCACTG
CCATAAAAATCACC
GCGGGATCGAACG
CAAATCAACAC
ACCGATAATCATGAAC

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