

IDENTIFICATION

Species: *Lactuca sativa*

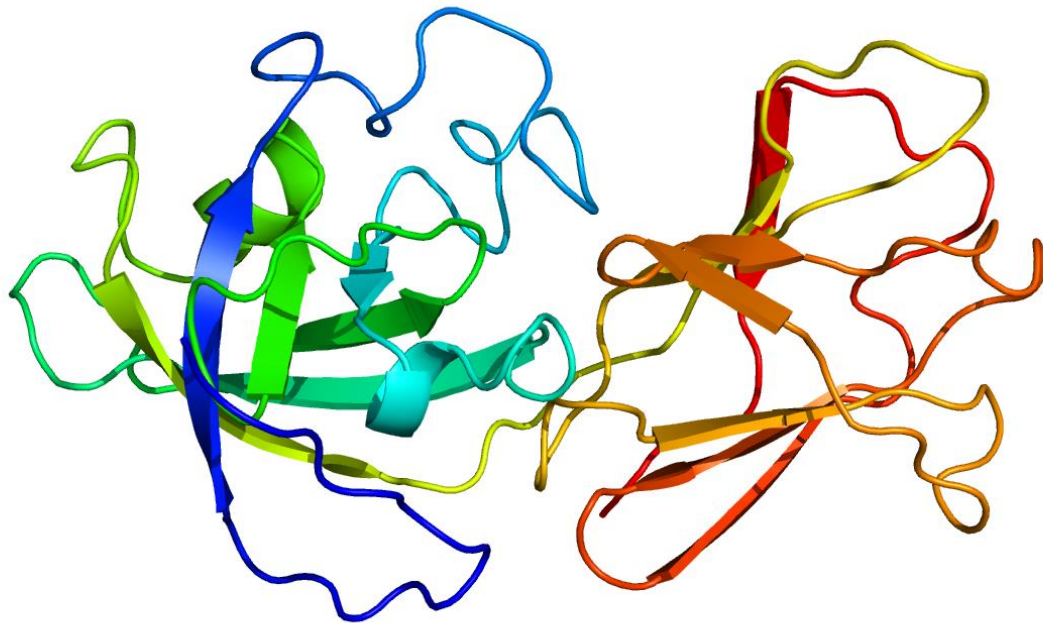
Locus: Lsat_1_v5_gn_3_67081

Gene Model: Lsat_1_v5_gn_3_67081.1

Description: LsEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Lsativa_V8

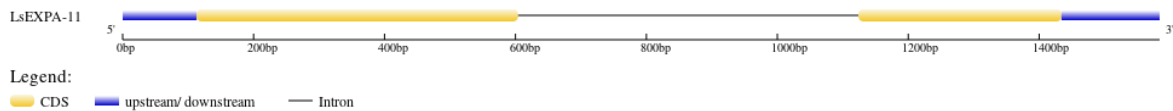
KEGG: <https://www.genome.jp/entry/T05352>

EXTERNAL RESOURCES

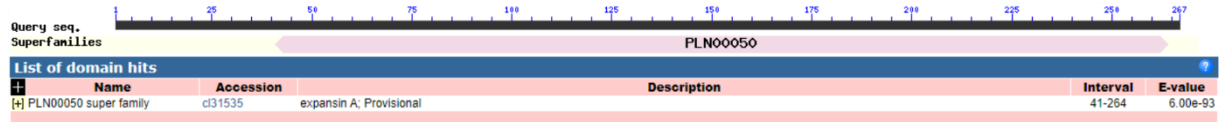
<https://lgr.genomecenter.ucdavis.edu/>

<https://www.lettucegdb.com/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LsEXPA-11

MFSWTSFILTFSSFLLTVTAHYNSQTS DSPSLSSSSLP EWKSARATYYA EADPRDAV
GGACGYGDLRGGYGKATAGLSTVLFEKGQICGACYEVRVEDLRWCIPGTSIIVTA
TNFCAPNYGFPADGGGKCNPPNPHFVLP IEIFEKIAIWKASNMPIQYRRIKCRKEGGM
RFTINGNGIFLSVLISNVGGAGDLMAVKIKGSR TGWLSMNRNWGQNWHLNADLKN
QPLSFEITTS DGLTLTSYNVAPKD WDFGQSFEGKQFES*

CDS (coding sequence)

>LsEXPA-11

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TGCTCACTATTACA ACTCCCAAACATCAGACTCACCATCGTTGTCATCGTCATCGT
TGCCGGAATGGAAATCCGCCAGGGCGACGTATTACGCGGAAGCTGATCCCCGTG
ACGCAGTCGGTGGCGCGTGC GGGTATGGTGATCTGGAGAGGGGGCGGATATGGGA
AAGCGACTGCTGGATTGAGCACC GTTTTGTTCGAAAAGGACAGATCTGCGGCGC
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Nucleotide

>LsEXPA-11

CACTCCCCTCGCCGTC ACTTTGAACCATGATAGCCCACACCAGAGCTTCAACTTC
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