

IDENTIFICATION

Species: *Lactuca sativa*

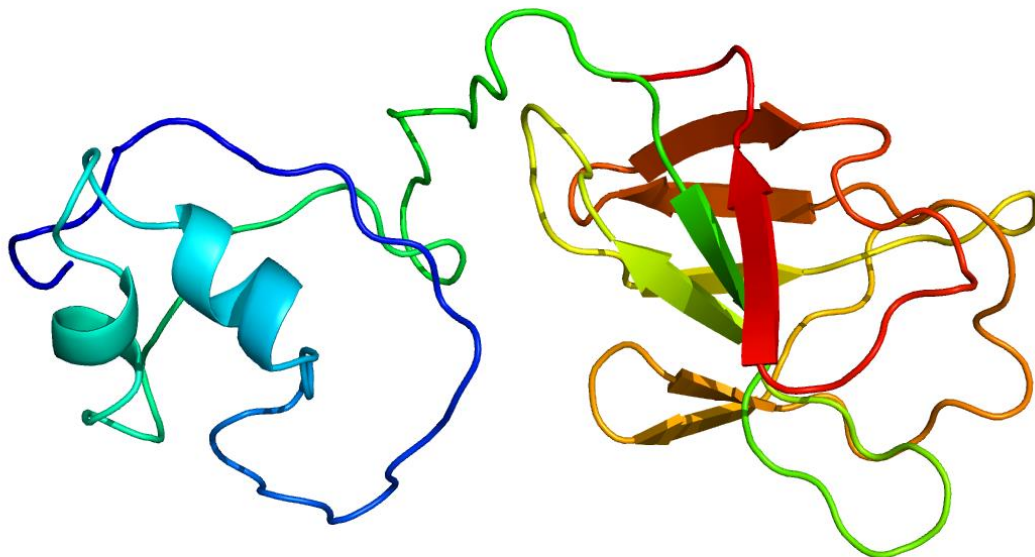
Locus: Lsat_1_v5_gn_9_118741

Gene Model: Lsat_1_v5_gn_9_118741.2

Description: LsEXPB-11

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

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

EXTERNAL RESOURCES

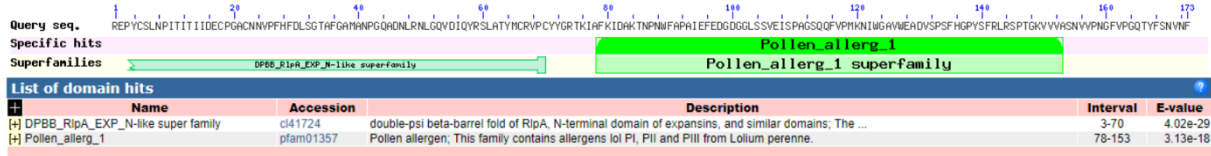
<https://lgr.genomecenter.ucdavis.edu/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LsEXPB-11

REPYCSLNPITITIIDECPGACNNVPFHFDSLGTAFGAMANPGQADNLRNLGQVDIQY
RSLATYMCRVPCYYGR TKIAFKIDAKTNPWFAPAIEFEDGDGGLSSVEISPAQSQQF
VPMKNIWGA VWEADVSPSFHGPYSFRLRSPTGKVVVASNVVPNGFVPGQTYFSNVNF

CDS (coding sequence)

>LsEXPB-11

CGAGAGCCATACTGCTCTCTGAACCCTATTACTATAACAATAATTGACGAGTGCC
CAGGTGCATGTAACAATGTTCCGTTCCATTTTGATTTAAGCGGGACTGCTTTTGGT
GCAATGGCGAATCCAGGACAAGCTGATAACCTCCGTAATCTTGGCCAGGTTGATA
TTCAATATCGAAGTCTAGCTACGTACATGTGTAGGGTGCCATGCTACTATGGTAG
AACAAAGATCGCTTTCAAGATTGATGCAAAGACAAACCCTAACTGGTTCGCACCT
GCAATTGAGTTTGAAGATGGTGATGGTGGACTTAGTTCAGTGGAGATATCTCCGG
CTGGTAGTCAACAGTTTGTACCAATGAAGAATATTTGGGGTGCTGTTTGGGAAGC
CGACGTCAGCCATCTTTCCATGGCCATACTCGTTCAGGCTCAGGCTCCAACCG
GCAAGGTAGTGGTAGCTTCTAATGTTGTTCCGAATGGCTTTGTACCTGGTCAAAC
ATATTTCTCAAACGTCAACTTT

Nucleotide

>LsEXPB-11

CGAGAGCCATACTGCTCTCTGAACCCTATTACTATAACAATAATTGACGAGTGCC
CAGGTGCATGTAACAATGTTCCGTTCCATTTTGATTTAAGCGGGACTGCTTTTGGT
GCAATGGCGAATCCAGGACAAGCTGATAACCTCCGTAATCTTGGCCAGGTTGATA
TTCAATATCGAAGGTACGTGCATGATTTTATTAACGAGTGATTGAGTATATATA
ACAAAGATCGTTATCTAATAAGACAGTCTAGCTACGTACATGTGTAGGGTGCCAT
GCTACTATGGTAGAACAAAGATCGCTTTCAAGATTGATGCAAAGACAAACCCTAA
CTGGTTCGCACCTGCAATTGAGTTTGAAGATGGTGATGGTGGACTTAGTTCAGTG
GAGATATCTCCGGCTGGTAGTCAACAGTTTGTACCAATGAAGAATATTTGGGGTG
CTGTTTGGGAAGCCGACGTCAGCCATCTTTCCATGGCCATACTCGTTCAGGCTC

AGGTCTCCAACCGGCAAGGTAGTGGTAGCTTCTAATGTTGTTCCGAATGGCTTTG
TACCTGGTCAAACATATTTCTCAAACGTCAACTTT