

IDENTIFICATION

Species: *Lactuca sativa*

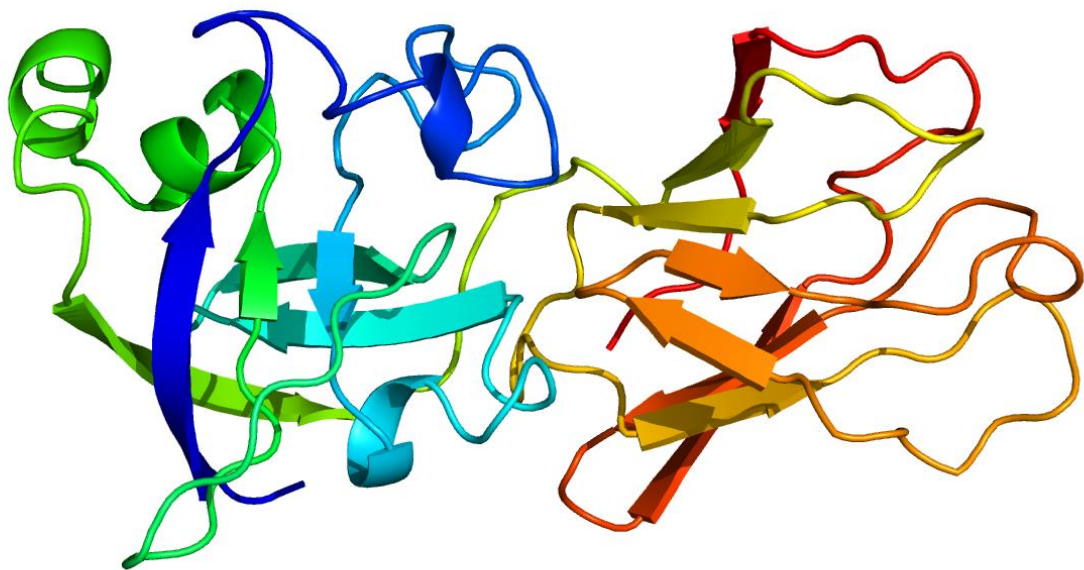
Locus: Lsat_1_v5_gn_8_99280

Gene Model: Lsat_1_v5_gn_8_99280.2

Description: LsEXPB-08

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

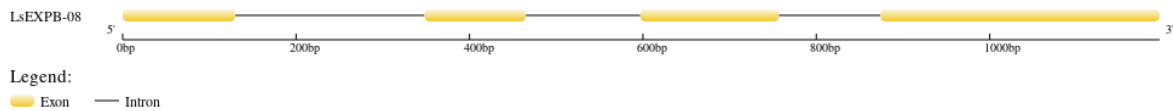
KEGG: <https://www.genome.jp/entry/T05352>

EXTERNAL RESOURCES

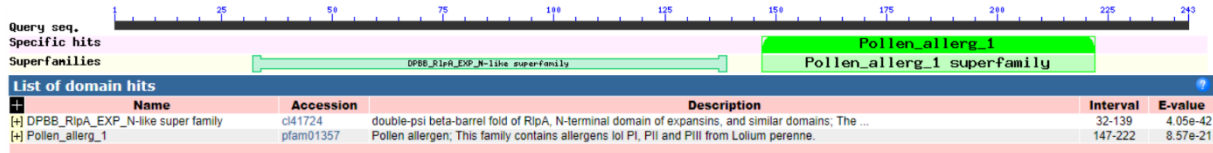
<https://lgr.genomecenter.ucdavis.edu/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>LsEXPB-08

MLSITPFIVTILVNFSSCLYSVLGADNTGLATWYGTETGSGKAAACGWDDDSKDPPF
SSMIAAGNAKFFLKGQGCGHCFEACKPIKITTDECPGKCNIPYHFDLSGHAFGAMG
PPGQEHALRMLGQVDIQFKKVPSCSYGSTKIAFKIDKKTNQYWFATAIEYVNGDGALS
KVEMASSGSPLFTPMKNIWGAVWQKDTAVLFKPPYSFKLTSGDGKTTASNAVPAN
YKPGQKYSSTVNF*

CDS (coding sequence)

>LsEXPB-08

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TTATATTCTGTCCTTGGCGCCGATAAACTGGTTTGGCAACATGGTATGGGACAG
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CCCATTCTCGTCCATGATAGCAGCAGGAAATGCTAAATTCTTTCTTAAAGGCCAG
GGATGCGGACATTGCTTTGAGGCATGTAAACCAATTAATAATCACGATCACTGATG
AGTGTCTGGAATAATGTAACGATATACCTTACCATTTTGATTTAAGTGGCCATGCT
TTTGGTGCTATGGGACCTCCTGGCCAAGAGCATGCTCTACGAATGCTAGGCCAAG
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CAAAATTGACAAGAAAACCAACCAATACTGGTTTGCAGCAGCAATAGAATATGT
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TTACTCCAATGAAAAACATATGGGGTGCAGTTTGGCAAAAAGACACGGCTGTAT
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Nucleotide

>LsEXPB-08

ATGTTAAGTATAACTCCTTTTATTGTTACAATTATTTTAGTAAACTTCTCTTCTTGT
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GTCAAAGTACTCATCAACTGTAAACTTTTAA