

IDENTIFICATION

Species: *Olea europaea*

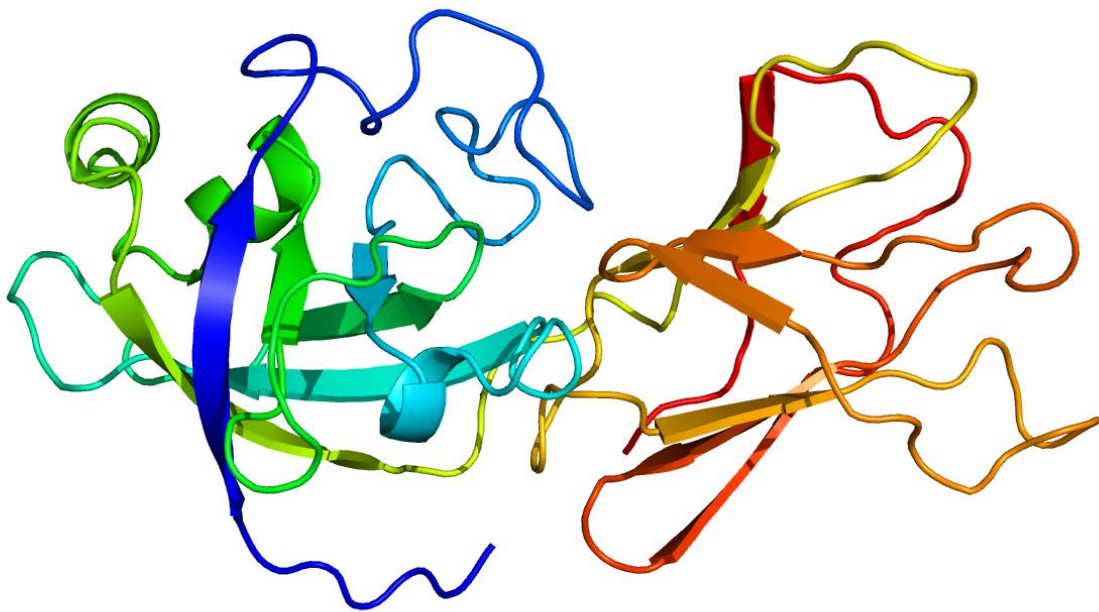
Locus: Oeu005831

Gene Model: Oeu005831.1

Description: OeuEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Oeuropaea_v1_0

KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

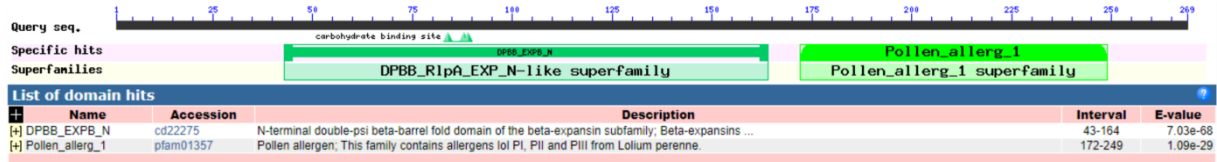
<http://olivegenome.org/>

<https://genomaolivar.dipujaen.es/db/index.php>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPB-03

MAYILHTNSLLTYLALCFLLLNFCSCFNPKLLDVSKLQSDSEWSPA VVTWYGSANGA
GSTGGACGYEDAVGEPFSSLITAAASSLYKSGKSCGACYQVKCTENTACSGNPVTV
VITDECPGCDSESVLFDLSGTSIGDMATTSQADQLRNAGR VQIQYRRVECNYPGVRLT
FRVDAGSNSNYFAVVIEYEDKGDVASVELKQASDSDSWVPMQSWGAVWKLNSG
NSLQAPFSIKITGDSGQSLVANNVIPAGWKPGNIYRSVVNF*

CDS (coding sequence)

>OeuEXPB-03

ATGGCTTATATTTTGCATACAAACTCTCTTTTAACTTATTTAGCATTATGTTTTCTT
CTACTTAACTTTTGTCTTTGCTTCAACCCTAAGCTTCTTGATGTCTCAAAACTTCA
ATCTGATTCTGAATGGTCACCGGCTGTAGTTACCTGGTATGGAAGCGCTAATGGT
GCAGGAAGTACTGGGGGTGCCTGTGGATACGAAGATGCTGTAGGGGAACCACCA
TTTTCGTCCCTAATAACTGCTGCGGCTTCATCTCTATACAAATCAGGCAAGAGTTG
TGGAGCTTGTTACCAGGTCAAATGTACAGAAAATACTGCATGCTCGGGTAATCCG
GTAAGTGTAGTTATAACAGATGAGTGCCCGGGTGTGACTCAGAATCAGTTCTGT
TTGATTTAAGTGGAACCTCCATTGGAGACATGGCGACTACTAGCCAAGCTGATCA
ACTGCGGAATGCTGGACGTGTACAAATACAGTATCGAAGAGTGGAGTGCAATTA
CCCTGGAGTACGATTGACCTTCCGAGTCGACGCGGGTCCAACCTCCAAC TATTT
GCCGTAGTAATTGAATATGAAGATAAAGATGGAGATGTTGCATCAGTTGAACTCA
AACAGGCTTCGGACTCAGATTCTTGGGTTCCCATGCAACAGTCCTGGGGTGCTGT
GTGGAAACTGAATTCTGGGAATTCATTGCAAGCCCCATTCTCCATTAAGATAACT
GGGGATTCTGGGCAGAGTCTTGTGGCTAACAATGTGATACCTGCTGGATGGAAGC
CTGGAAATATTTACAGATCAGTAGTCAATTTTAA

Nucleotide

>OeuEXPB-03

ATGGCTTATATTTTGCATACAAACTCTCTTTTAACTTATTTAGCATTATGTTTTCTT
CTACTTAACTTTTGTCTTTGCTTCAACCCTAAGCTTCTTGATGTCTCAAAACTTCA
ATCTGATTCTGAATGGTCACCGGCTGTAGTTACCTGGTATGGAAGCGCTAATGGT

GCAGGAAGTACTGGTAAGAATTAATATATATATTGGGATTATCTAAAAAGAAAG
AAATTTATGAAATTTTTGTTTCTTTGCGAATTTAGGGGGTGCCTGTGGATACGAAG
ATGCTGTAGGGGAACCACCATTTTCGTCCCTAATAACTGCTGCGGCTTCATCTCTA
TACAAATCAGGCAAGAGTTGTGGAGCTTGTTACCAGGTGCTTCAAATTATATGAT
TCTGGTCGAACATGCAGTTCAACAATATATAAGAAGTGTGCTAATTATGGTTTTTG
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GTAAGTGTAGTTATAACAGATGAGTGCCCGGGTTGTGACTCAGAATCAGTTCTGT
TTGATTTAAGTGGAACCTCCATTGGAGACATGGCGACTACTAGCCAAGCTGATCA
ACTGCGGAATGCTGGACGTGTACAAATACAGTATCGAAGGTA AAAATTTTGAGG
CTTGTA AATTTGAATCTTTATTTTTATTTATTTTTCAA AATTTTCAGAGTGGAGTGC
AATTACCCTGGAGTACGATTGACCTTCCGAGTCGACGCGGGTTCCA ACTCCA ACT
ATTTGCGCCGTAGTAATTGAATATGAAGATAAAGATGGAGATGTTGCATCAGTTGA
ACTCAAACAGGCTTCGGACTCAGATTCTTGGGTTCCCATGCAACAGTCCTGGGGT
GCTGTGTGGAACTGAATTCTGGGAATTCATTGCAAGCCCCATTCTCCATTAAGA
TAACTGGGGATTCTGGGCAGAGTCTTGTGGCTAACAAATGTGATACCTGCTGGATG
GAAGCCTGGAAATATTTACAGATCAGTAGTCAATTTTTAA