

IDENTIFICATION

Species: *Olea europaea*

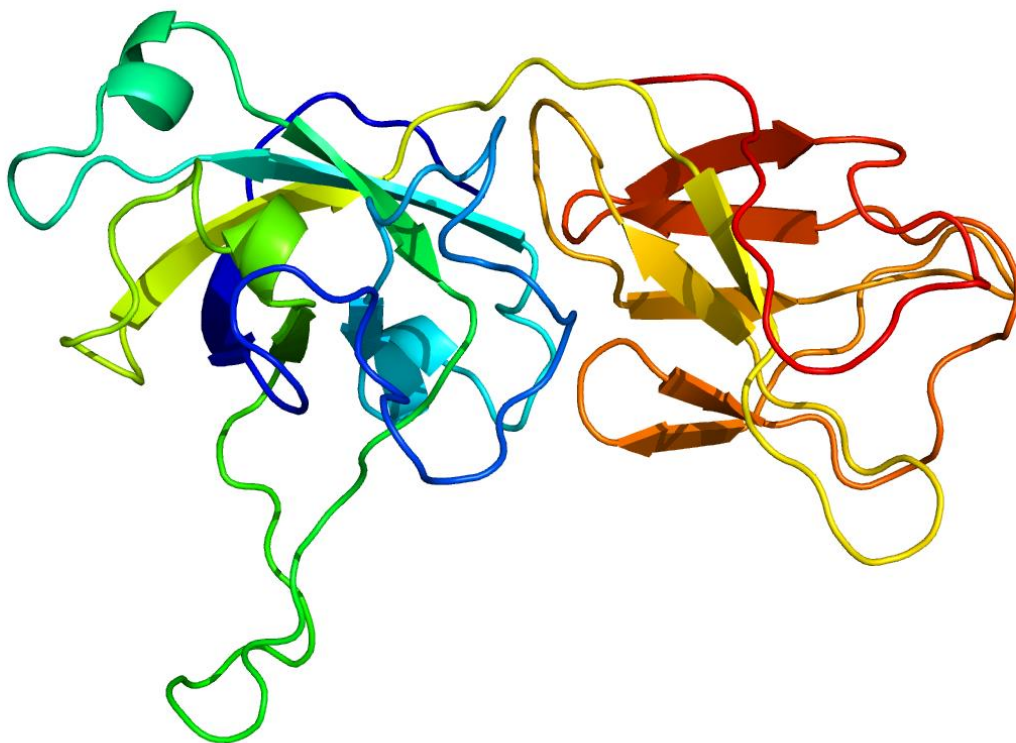
Locus: Oeu016537

Gene Model: Oeu016537.1

Description: OeuEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

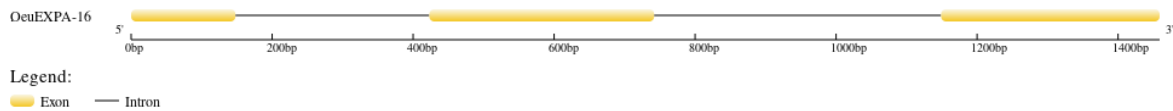
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

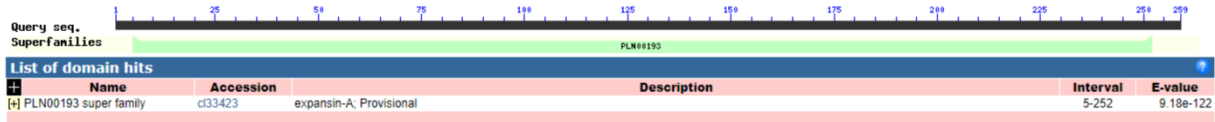
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-16

MAIWEFTSIFVVVLLLCVEARIPGVYTGGGWETAHATFYGGSDASGTMGGACGYG
NLYSQGYGVNTAALSTALFNNGFSCGACFEIKCGDDPQWCHRGSPSIFVTA TNFCPPN
YALPNDNGGW CNPPRSHFDLAMP MFLKIAEYRAGIVPVS YRRVPCNKHGGMRFTIN
GFRYFNLVLISNVAGAGDIVKVVVKGSRTGWMSMSRNWQNWQSNVVLVGQSLSF
RVKGS DHRTSTSWNIVPSHWQFGQTFAGKNFRV*

CDS (coding sequence)

>OeuEXPA-16

ATGGCCATTTGGGAATTCACCTCCATTTTTGTAGTTGTCCTACTATTGACTTGTGTT
GAAGCCAGAATTCCCGGTGTCTATACTGGTGGAGGATGGGAAACTGCCCATGCCA
CATTCTACGGTGGAAGCGACGCCTCAGGAACCATGGGTGGTGCTTGTGGGTATGG
GAACTTGTATAGTCAAGGCTATGGAGTGAACACTGCAGCTCTGAGCACAGCCCTT
TTCAACAATGGATT CAGCTGTGGAGCCTGTTTTGAGATCAAATGTGGAGATGATC
CACAGTGGTGCCACCGAGGCAGCCCCTCCATTTTCGTTACTGCTACCAATTTCTGC
CCACCAAATATGCTTTGCCTAATGACAATGGAGGGTGGTGCAACCCTCCACGCT
CTCACTTTGACCTTGCCATGCCCATGTTCCCTCAAGATCGCCGAGTATCGGGCTGGC
ATCGTCCCCGTCTCCTACCGCCGAGTGCCTTGAACAAGCATGGAGGGATGAGAT
TCACAATCAATGGTTTTTCGTTACTTCAACTTAGTTTTGATCTCCAACGTTGCGGGT
GCGGGGGACATAGTGAAGGTGTGGGTCAAGGGCTCGAGA ACTGGTTGGATGTCA
ATGAGCCGCAATTGGGGACAAAATTGGCAATCAAATGTCGTTTTGGTTGGTCAAT
CACTTTCTTTCAGAGTTAAAGGTAGTGATCATCGTACTTCCACCTCATGGAACATC
GTACCTTCTCATTGGCAATTTGGTCAAACCTTCGCTGGAAAAAACTTCCGAGTTTA
A

Nucleotide

>OeuEXPA-16

ATGGCCATTTGGGAATTCACCTCCATTTTTGTAGTTGTCCTACTATTGACTTGTGTT
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TTGTATAGTCAAGGCTATGGAGTGAACACTGCAGCTCTGAGCACAGCCCTTTTCA
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TCCCCGTCTCCTACCGCCGGTCAGCCCTTCTCTCTCATATGCACTTCTTAAAGAC
ACCCAAAAAATTAAGGTTACTTTACTCAGTCAAGATTCGATGGGCTATAAAAAAT
TCATCGATTAATCTGTTTGCACAGGGATTCTTAGGGGTGCTGCACTTTTAGTAATT
GAATGGTTGGATTATTACTACTACTACCATTATTATTATTATTTGGTATTTTG
CCAATCCCAGTGAAAACTACCAAGTGTAACTATAAAAATTCCCGGCAAATCTC
CCCAGTACACGTAGCATTATTCATAATTCATTGTGGTTAAGAATAACATTGTCATT
AAGTAAATGCTAGGAATCTCTTTTCTCAACATACCTATGACAAAAGTAAGAGAAC
GAGGTGTTTTGAACACGAATTTTGTGGTTTGTGCAGAGTGCCTTGCAACAAGCAT
GGAGGGATGAGATTCACAATCAATGGTTTTTCGTTACTTCAACTTAGTTTTGATCTC
CAACGTTGCGGGTGCGGGGGACATAGTGAAGGTGTGGGTCAAGGGCTCGAGAAC
TGGTTGGATGTCAATGAGCCGCAATTGGGGACAAAATTGGCAATCAAATGTCGTT
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