

IDENTIFICATION

Species: *Olea europaea*

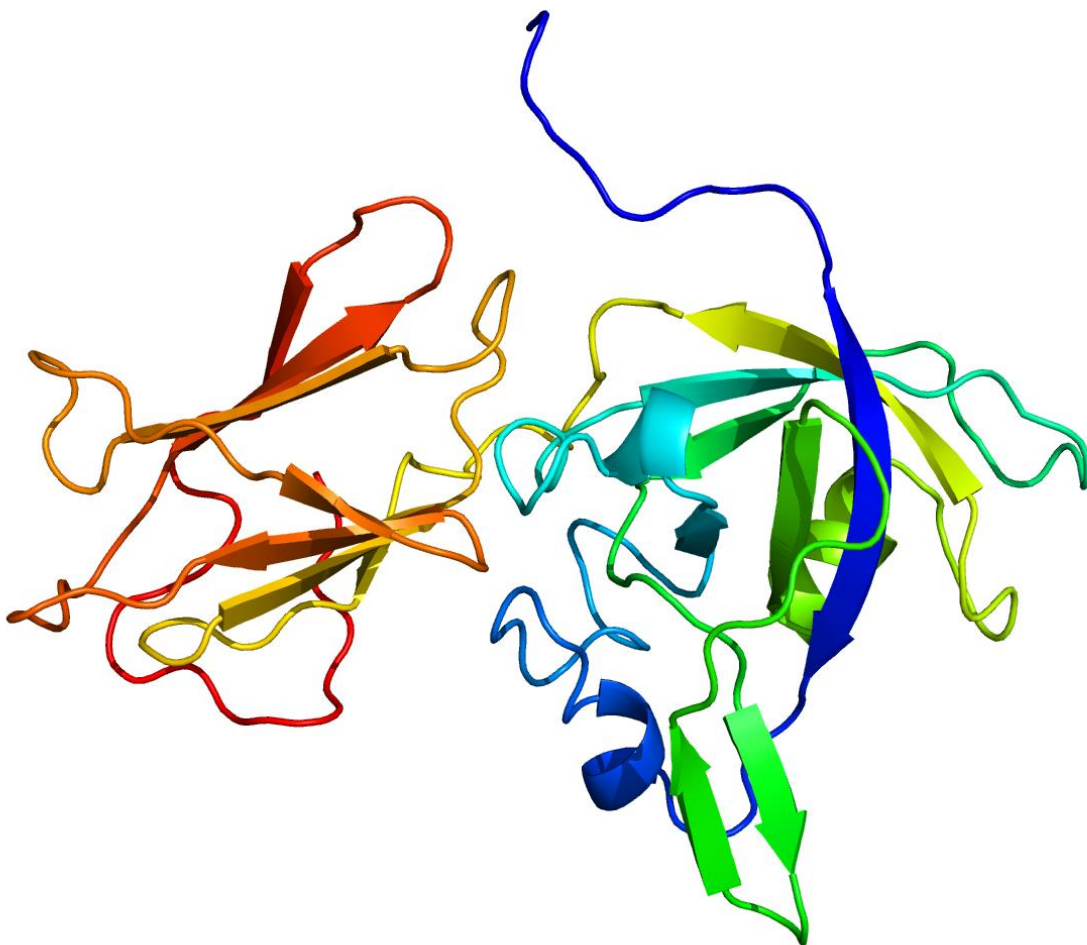
Locus: Oeu047283

Gene Model: Oeu047283.1

Description: OeuEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

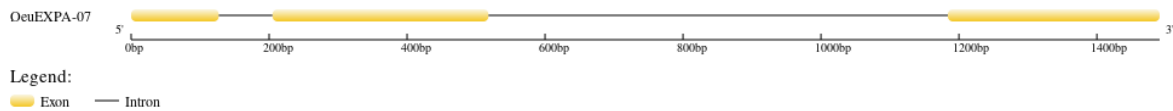
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

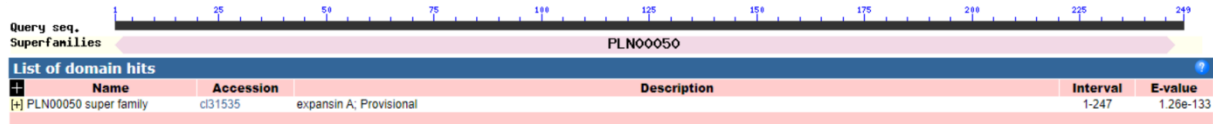
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-07

MSLIIRVSFILALVISLAYGNEEGWIDAHATFYGGGDASGTMGGACGYGNLYSQGYG
TDTAALSTVLFNNGRSCGACFEIKCVNDQKWCLQGSIVVTATNFCPPNYALSNNAGG
WCNPPNHFFDLSQPVFQNIQAQYQAGIVPVS YRRVPCKKMGGIRFTINGHSYFNLVLIT
NVGGAGDVQAVSVKGSRTGWL TMSRNWQNWQSNADLDGQCLSFKVTTSDGHTV
VCNNAIPTGWSFGQTFTGGQFT*

CDS (coding sequence)

>OeuEXPA-07

ATGTCACTAATTATAAGGGTGTCTTTCATTCTTGCTTTGGTAATCTCACTTGCTTAT
GGCAATGAAGAGGGATGGATTGATGCTCATGCCACTTTCTATGGAGGTGGTGATG
CTTCTGGAACAATGGGTGGGGCTTGTGGCTATGGAAATTTATACAGCCAAGGGTA
CGGGACTGACACGGCGGGCGTTGAGCACAGTACTGTTCAACAATGGGCGGAGTTG
TGGGGCTTGT TTTGAGATTA AATGTGTGAATGACCAAAGTGGTGCCTCCAAGGC
TCAATTGTAGTCACTGCCACCAATTTTTGCCCTCCAAATTATGCACTTTC AAATAA
TGCTGGCGGGTGGTGCAACCCACCTAACCATCATTTTGATCTCTCTCAGCCTGTCT
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AACCTAGTCTTGATCACCAATGTTGGAGGCGCAGGCGATGTCCAAGCAGTTTCCG
TCAAAGGTTCAAGGACTGGTTGGTTAACCATGTCCCGAAATTGGGGTCAA AATTG
GCAAAGCAATGCTGATCTCGACGGTCAATGCCTCTCTTTCAAAGTCACCACCAGC
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Nucleotide

>OeuEXPA-07

ATGTCACTAATTATAAGGGTGTCTTTCATTCTTGCTTTGGTAATCTCACTTGCTTAT
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AACTTTTTGGCCATTTTGTTAGGTTCACTACTATGTCTATTGAAAGGTTGGAATCA
ACTTGATTCTTAACAACACTACACTTATATAATTAGCCATCATTATAAGATTAAC
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CATTCTTACTTCAACCTAGTCTTGATACCAATGTTGGAGGCGCAGGCGATGTCC
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