

## IDENTIFICATION

**Species:** *Olea europaea*

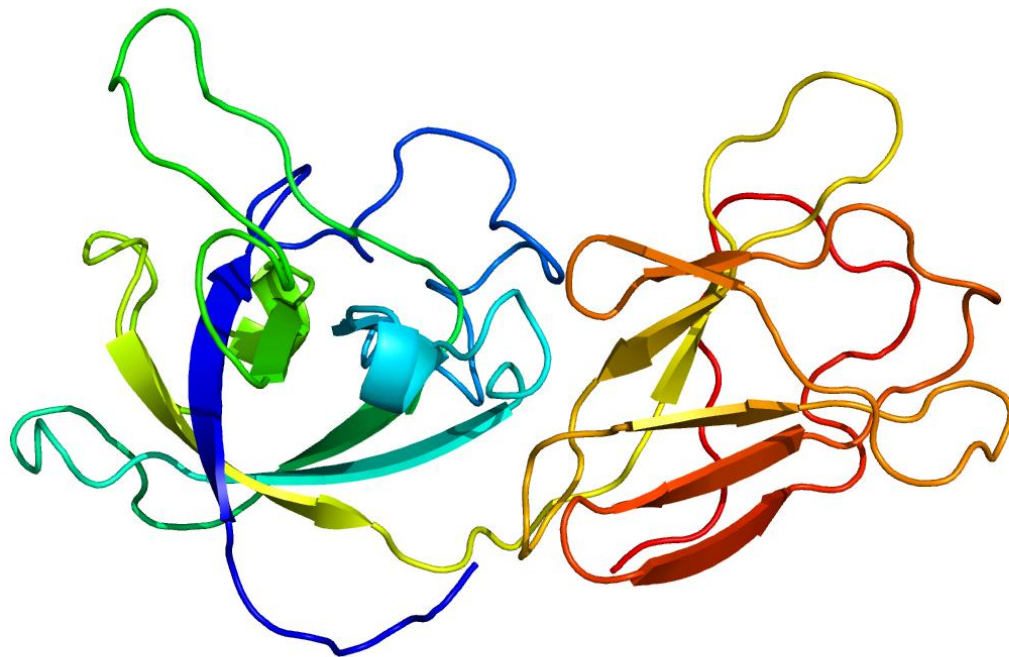
**Locus:** Oeu021058

**Gene Model:** Oeu021058.1

**Description:** OeuEXPA-06

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Oeuropaea\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Oeuropaea_v1_0)

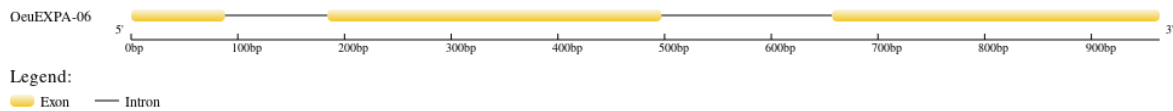
KEGG: <https://www.genome.jp/entry/T05244>

## EXTERNAL RESOURCES

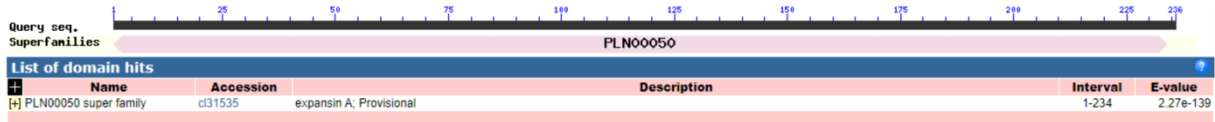
<http://olivegenome.org/>

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OeuEXPA-06

MLSSVHGRGGGWSNAHATFYGGNDASGTMGGACGYGNLYSQGYGTNTAALSTAL  
FNSGLSCGSCFEIRC VNERQWCLPGSIMVTATNFCPPNNALPNNAGGWCNPPQH HFD  
LSQPVFQHIAQYRAGIVPVA YRRVPCRRGGIRFTLNGHSYFNLVLITNVGGAGDVH  
AVSIKGSRTGWQPM SRNWGQNWQSNNYLNQSLSFKVTTS DGR TVVSYNVAPPSW  
SFGQTFAGSQLR\*

### CDS (coding sequence)

>OeuEXPA-06

ATGCTTTCATCTGTTTCATGGCCGTGGTGGAGGATGGAGTAATGCTCATGCCACCTT  
CTATGGTGGAATGATGCCTCTGGCACAATGGGTGGGGCTTGTGGCTACGGAAAT  
TTGTACAGCCAAGGGTATGGTACAAACACTGCAGCTTTGAGTACAGCTCTGTTCA  
ACAGTGGGTTGAGCTGTGGGTCTTGTTTTGAGATTAGATGTGTTAATGAGAGGCA  
ATGGTGCTTGCCTGGTTCAATTATGGTCACAGCCACCAATTTCTGTCCACCAAATA  
ATGCACTTCCGAACAATGCAGGAGGGTGGTGCAACCCTCCTCAGCACCCTTTGA  
CCTCTCCCAGCCTGTTTTTCAACACATTGCACAGTACAGAGCTGGAATTGTCCCTG  
TTGCTTACAGAAGGGTACCCTGCAAAAGAAGGGGAGGTATAAGGTTCACTTA  
ATGGCCACTCCTACTTCAACCTAGTACTCATAACCAATGTTGGTGGCGCCGGTGA  
TGTTTCATGCAGTGTTCGATAAAGGGGTCGAGGACCGGTTGGCAGCCTATGTCGAGA  
AATTGGGGCCAAAATTGGCAGAGCAACA ACTATCTTAACGGCCA AAGCCTCTCGT  
TTAAGGTCACCACCAGCGATGGCCGCACCGTGGTTTTCTTACAATGTTGCTCCTCCA  
AGCTGGTCTTTTGGACAGACCTTCGCCGGTAGCCAATTACGGTGA

### Nucleotide

>OeuEXPA-06

ATGCTTTCATCTGTTTCATGGCCGTGGTGGAGGATGGAGTAATGCTCATGCCACCTT  
CTATGGTGGAATGATGCCTCTGGCACAATGGGTATGTCCTTTATCCTCTTAGGG  
GAATATTGGGCATATCATATATGTCTCCCTTGTGGTGATTAAGCTTAAGCTTTTCT  
TGGCAAATTTTTGCAGGTGGGGCTTGTGGCTACGGAAATTTGTACAGCCAAGGG  
TATGGTACAAACACTGCAGCTTTGAGTACAGCTCTGTTCAACAGTGGGTTGAGCT  
GTGGGTCTTGTTTTGAGATTAGATGTGTTAATGAGAGGCAATGGTGCTTGCCCTGG  
TTCAATTATGGTCACAGCCACCAATTTCTGTCCACCAAATAATGCACTTCCGAAC

AATGCAGGAGGGTGGTGCAACCCTCCTCAGCACCACTTTGACCTCTCCCAGCCTG  
TTTTTCAACACATTGCACAGTACAGAGCTGGAATTGTCCCTGTTGCTTACAGAAG  
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TAGGTTATGAATATTTACTGCTAGTACTATTCCTATTGGCACTTCGGTTTGATGGT  
GACTGTTTTGGTGCTAAATTGGTAACTGTTGTGACTTTAATTTTGTAGGGTACCCT  
GAAAAGAAGGGGAGGTATAAGGTTCCACTTAATGGCCACTCCTACTTCAACCT  
AGTACTCATAACCAATGTTGGTGGCGCCGGTGATGTTTCATGCAGTGTGATAAAG  
GGGTCGAGGACCGGTTGGCAGCCTATGTCGAGAAATTGGGGCCAAAATTGGCAG  
AGCAACAACCTATCTTAACGGCCAAAGCCTCTCGTTTAAGGTCACCACCAGCGATG  
GCCGCACCGTGGTTTCTTACAATGTTGCTCCTCCAAGCTGGTCTTTTGGACAGACC  
TTCGCCGGTAGCCAATTACGGTGA