

## IDENTIFICATION

**Species:** *Olea europaea*

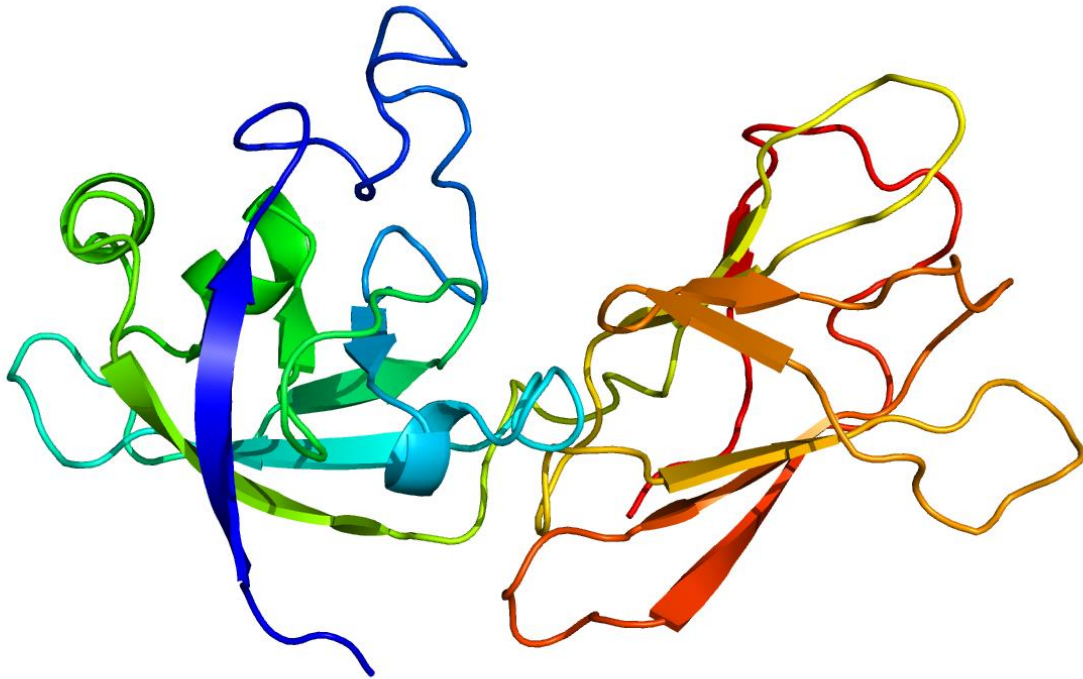
**Locus:** Oeu028059

**Gene Model:** Oeu028059.1

**Description:** OeuEXLB-01

**Family:** Expansin Like Beta

**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

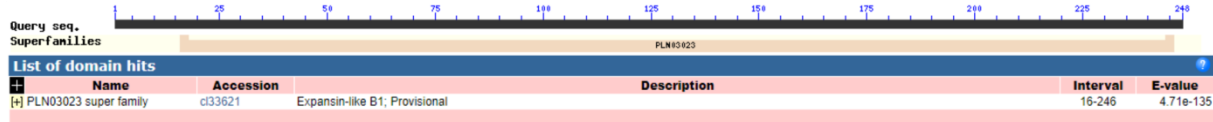
<http://olivegenome.org/>

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OeuEXLB-01

MACYSLFLSLLLLSAAVCHGQDAFVRSRATYYGSPKCLATLTGACGFGEYGTFFVNN  
GEITGVSRLYRNGTGCGACYQVRCRIPTHCSDEGAKVVVTDYGEDHTDFILSTRAY  
AKLARSNMAAELFAYGVVDIEFKRIPCRYGYNLFLKAHEHSKYPQYLAVVPLYKEG  
MYDIIAVEIWLEDCKEWRPMMRVFGTVFDHQNPPLGPLNFRLQVVAEGNAEVKWVQ  
LNSAIPSDWKAGVAYDITDFQLN\*

### CDS (coding sequence)

>OeuEXLB-01

ATGGCTTGTTATAGCCTCTTTCTTTCTTTGTTATTGCTTTCGGCTGCAGTTTGTCAT  
GGCCAAGATGCTTTTGTCCGCTCCAGAGCAACCTATTACGGCAGCCCAAATGCC  
TAGCAACCTTAAGTATGTCTTATTTACGATACCTTTAATGCACGTTAGGTACTCAA  
TAGTACTTGACTGTCATTACCAAGATTTTACTTATTTTACTGTCCATTTACCAAAT  
ATTCCACTGATGCATTAGATAGTAATATTATAGTTTGTAGCTAATTCAAAAGTTT  
TTGTCATAATTTTACTAGCTGGAGCTTGTGGGTTTGGTGAATATGGGACGTTTGTCT  
CTAAAAGCCCATGAGCATAGCAAATACCCTCAGTACTTGGCCGTAGTGCCATTGT  
ATAAAGAGGGAATGTATGATATCATCGCTGTTGAAATATGGCTGGAGGATTGCAA  
GGAATGGAGGCCAATGCGAAGAGTCTTTGGAACAGTATTCGACCATCAGAACCC  
ACCACTGGGGCCTCTCAACTTTAGACTTCAGGTGGTGGCCGAGGGCAATGCGGAA  
GTGAAGTGGGTGCAATTAACAGTGCCATTTCCAGTGATTGGAAGGCTGGAGTTG  
CTTATGACACTGATTTTCAGCTTAACTAA

### Nucleotide

>OeuEXLB-01

ATGGCTTGTTATAGCCTCTTTCTTTCTTTGTTATTGCTTTCGGCTGCAGTTTGTCAT  
GGCCAAGATGCTTTTGTCCGCTCCAGAGCAACCTATTACGGCAGCCCAAATGCC  
TAGCAACCTTAAGTATGTCTTATTTACGATACCTTTAATGCACGTTAGGTACTCAA  
TAGTACTTGACTGTCATTACCAAGATTTTACTTATTTTACTGTCCATTTACCAAAT  
ATTCCACTGATGCATTAGATAGTAATATTATAGTTTGTAGCTAATTCAAAAGTTT  
TTGTCATAATTTTACTAGCTGGAGCTTGTGGGTTTGGTGAATATGGGACGTTTGTCT

AACAATGGTGAAATCACTGGAGTCTCTAGGCTTTACAGGAATGGAACCTGGCTGCG  
GTGCTTGCTATCAGGTACGCCATTTTTTTGAAAATGGACAAAAAAGCTATAACTAA  
ATTATTTATTTATTTATTTTTTTAGCTTATGCTTATTTTCTCTTCTAAGCTGATGCTTC  
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CTGAGTACACGAGCGTACGCAAAATTGGCTCGATCCAACATGGCTGCAGAACTAT  
TTGCATACGGCGTAGTTGACATCGAATTCAAAGAATTCCATGTCGTTATGGTTA  
TAATCTCTTTCTAAAAGCCCATGAGCATAGCAAATACCCTCAGTACTTGGCCGTA  
GTGCCATTGTATAAAGAGGGAATGTATGATATCATCGCTGTTGAAATATGGCTGG  
TATATACTTTTAAGTCAAATAAACTTTTCTTTTTTACTTTTTTGAAACATGAATTTTA  
AATAAATGTTTACTTTCTAAAAAAGTAACTCTGTCATTGATGTTGTTAGGAGGATT  
GCAAGGAATGGAGGCCAATGCGAAGAGTCTTTGGAACAGTATTCGACCATCAGA  
ACCCACCACTGGGGCCTCTCAACTTTAGACTTCAGGTGGTGGCCGAGGGCAATGC  
GGAAGTGAAGTGGGTGCAATTAACAGTGCCATTCCCAGTGATTGGAAGGCTGG  
AGTTGCTTATGACACTGATTTTCAGCTTAACTAA