

## IDENTIFICATION

**Species:** *Olea europaea*

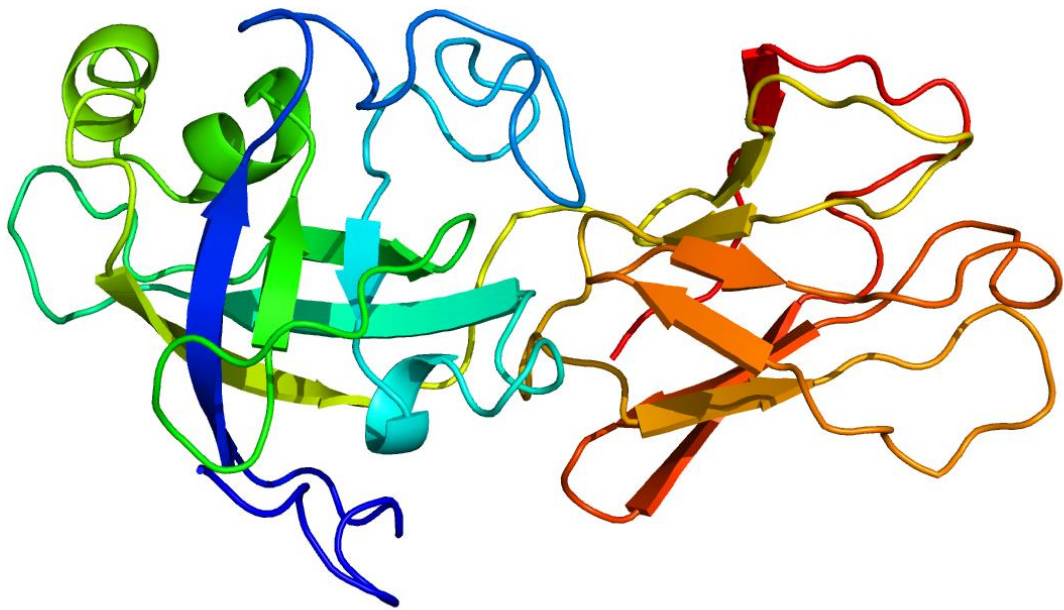
**Locus:** Oeu005827

**Gene Model:** Oeu005827.1

**Description:** OeuEXPB-02

**Family:** Beta 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

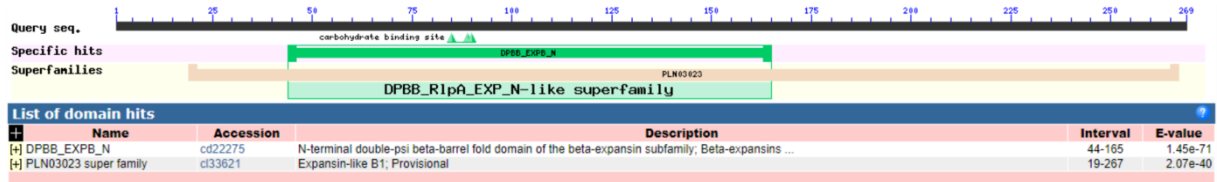
<http://olivegenome.org/>

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OeuEXPB-02

MVLVLRKSFLLKYLALFSLLSNFCSYFNSKLLALNVSKLQSDSDWSPAQVSWYGSPSG  
AGSDGGACGYGDAVVGKPPFSSLTAAAASLFKAGRSCGACYQVKCKENIACSGNPV  
TVVITDECPGCDPEPVLFDLSGTSFGAMALPGKADQLRNAGRLDIQYRRVDCNYPGV  
LLTFLVDTGSSDYFATVIEYVNGDGELAGVELKALDSNSYLPMQQSWGEVWKLNS  
ENPLKAPFSIKLTEDSGKSLVADNVIPDGWKPGQIYTSIVNF\*

### CDS (coding sequence)

>OeuEXPB-02

ATGGTTTTAGTTTTGCGCAAATCTTTTTTCAAATATTTAGCTCTATTTTCTCTTCTA  
TCAAACCTTTTGCTCTTACTTCAACTCCAAGCTTCTTGCCTTAATGTGTCAAACCT  
TCAATCTGATTCTGACTGGTCACCAGCCCAAGTCAGCTGGTATGGAAGCCCCAGT  
GGTGCAGGAAGCGATGGAGGGGCTTGTGGATATGGAGATGCTGTGGGGAAACCA  
CCTTTTTCTTCTTAAACAACCTGCTGCTGCTGCTTCTCTATTCAAAGCAGGAAGGAG  
CTGTGGAGCTTGTTATCAGGTAATAATGTAAAGAAAATATTGCGTGCTCTGGGAAT  
CCGGTTACTGTAGTTATAACAGATGAGTGTCTTGGTTGTGACCCAGAACCAGTTC  
TGTTTGATTTAAGTGGCACTTCTTTGGAGCCATGGCACTTCTTGGCAAAGCTGAT  
CAACTCAGGAACGCTGGACGACTCGACATACAATATAGAAGAGTGGATTGCAAT  
TATCTGGAGTATTACTAACTTTTCTAGTCGACACGGGTTCCAGTGACTACTATTT  
TGCTACTGTGATTGAATATGTAAATGGGGATGGTGAGCTTGCAGGAGTTGAGCTC  
AAAGCATTGGACTCAAATTCGTATCTCCAATGCAACAATCTTGGGGTGAAGTGT  
GGAACTCAATTCAGAAAATCCATTGAAAGCCCCATTCTCCATTAAGTTAACTGA  
GGATTCTGGGAAGAGTCTTGTGGCGGACAATGTAATACCTGACGGATGGAAACCT  
GGACAGATTTATACTTCAATTGTCAATTTCTGA

### Nucleotide

>OeuEXPB-02

ATGGTTTTAGTTTTGCGCAAATCTTTTTTCAAATATTTAGCTCTATTTTCTCTTCTA  
TCAAACCTTTTGCTCTTACTTCAACTCCAAGCTTCTTGCCTTAATGTGTCAAACCT  
TCAATCTGATTCTGACTGGTCACCAGCCCAAGTCAGCTGGTATGGAAGCCCCAGT

GGTGCAGGAAGCGATGGTAAGATACAGTTACACAACCTCCTGGACTCCTGGTCAC  
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TCACCATGCACGTTGAAAATTTATTATTTAAATTGATTTTTTTCCCTTCTTTTTCT  
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AAAGAAAATATTGCGTGCTCTGGGAATCCGGTACTGTAGTTATAACAGATGAGT  
GTCCTGGTTGTGACCCAGAACCAGTTCTGTTTGATTTAAGTGGCACTTCCTTTGGA  
GCCATGGCACTTCCTGGCAAAGCTGATCAACTCAGGAACGCTGGACGACTCGACA  
TACAATATAGAAGGTACGTTTACTAAATTTCTTGTTTCATCAAACCTACGATAACG  
ATCTTGTTTGCAAATGAATTTATGTCTCGAATTAATTTTCAGAGTGGATTGCAATT  
ATCCTGGAGTATTACTAACTTTTCTAGTCGACACGGGTTCCAGTGACTACTATTTT  
GCTACTGTGATTGAATATGTAAATGGGGATGGTGAGCTTGCAGGAGTTGAGCTCA  
AAGCATTGGACTCAAATTCGTATCTCCCAATGCAACAATCTTGGGGTGAAGTGTG  
GAAACTCAATTCAGAAAATCCATTGAAAGCCCCATTCTCCATTAAGTTAACTGAG  
GATTCTGGGAAGAGTCTTGTGGCGGACAATGTAATACCTGACGGATGGAAACCTG  
GACAGATTTATACTTCAATTGTCAATTTCTGA