

## IDENTIFICATION

**Species:** *Eucalyptus grandis*

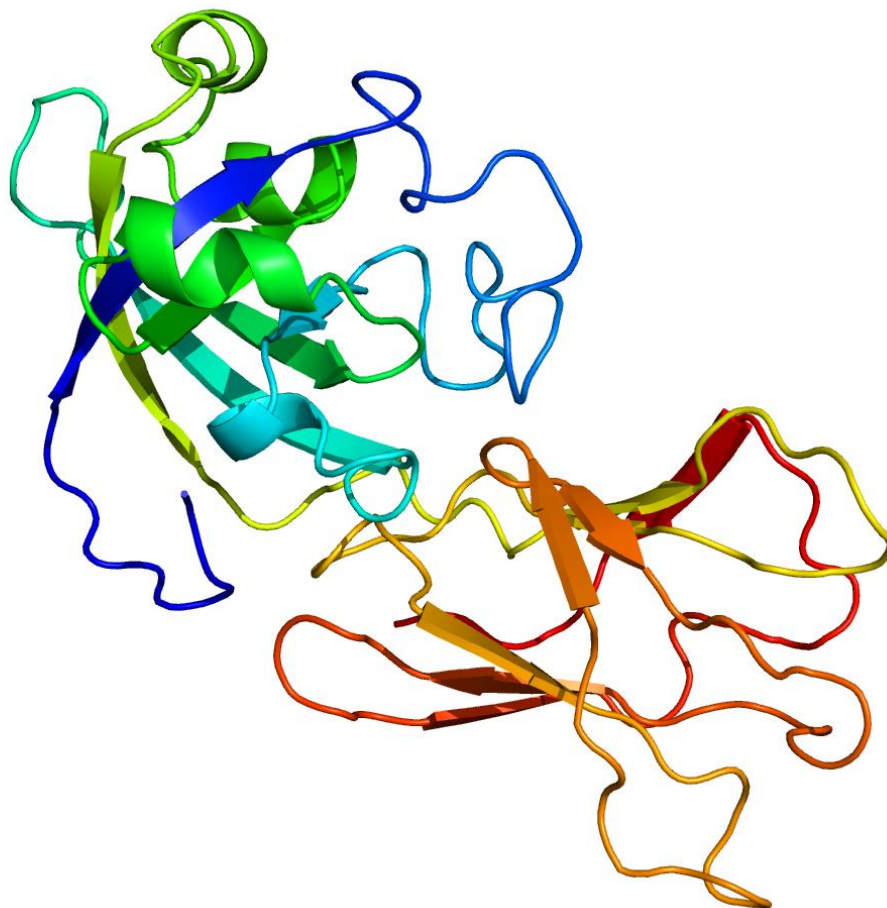
**Locus:** Eucgr.E01625

**Gene Model:** Eucgr.E01625.1.p

**Description:** EgrEXPB-03

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

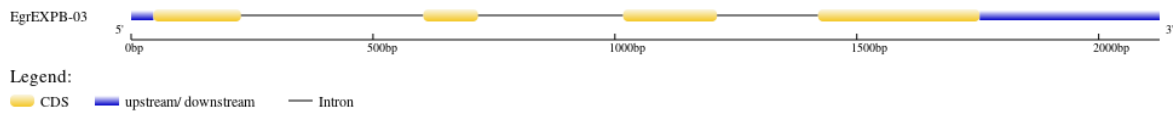
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Egrandis\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Egrandis_v2_0)

KEGG: <https://www.genome.jp/entry/T03547>

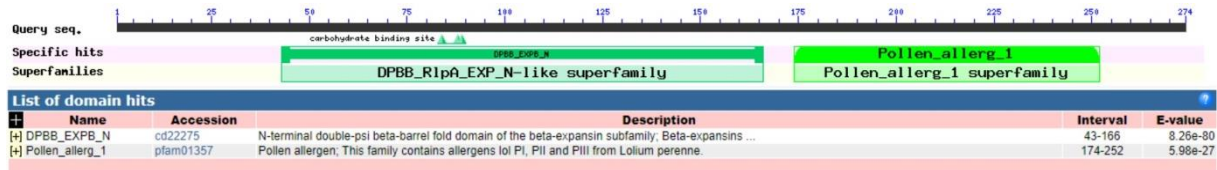
## EXTERNAL RESOURCES

<https://eucgenie.org/>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>EgrEXPB-03

MAPLQSPSICFPLALLLSLLINSSLCFNPKSLNISKVQSNGDWSPAGATWYGSPNGAGS  
DGGACGYGNVDQAPFSSMVSAGGPSLFKSGKGCACGYQVKCTENAACSGNPVTV  
VITDECPGGPCVAESTHFDLSGTAFGAMASPGKADELRNAGVQLQIQYQKVECNFPGA  
KVAFHVDSGNSPNYFAALIEYEDGDGELGAVNLKQALDSDSWLPMQQSWGAVWKL  
DGAGQLRAPFSIKLTSLSGKTLVANNVIPAGWQPGQTYRSVVNFAV\*

### CDS (coding sequence)

>EgrEXPB-03

ATGGCGCCTCTTCAATCTCCATCGATTTGCTTCCCTCTAGCCCTTCTCCTTTCTCTC  
CTCATAAACTCGTCTCTCTGCTTCAACCCCAAATCGCTTAACATCTCGAAAGTTC  
GTCCAACGGTGACTGGTCGCCGGCAGGTGCGACGTGGTACGGGAGTCCCAACGG  
CGCTGGAAGCGATGGTGGTGCATGTGGGTATGGGAATGGGGTCGACCAAGCTCC  
ATTCTCTTCAATGGTGTCCGCAGGAGGACCTTCTCTTTTCAAATCAGGCAAAGGA  
TGTGGAGCTTGTTACCAGGTGAAATGCACTGAAAACGCGGCTTGTTCCGGGAACC  
CGGTGACAGTCGTTATAACTGATGAATGCCCTGGTGGCCCTTGTTGTCGCTGAATC  
TACTCACTTTGATTTGAGTGGCACGGCTTTTGGAGCCATGGCGAGCCCTGGCAAG  
GCTGATGAACTTCGCAATGCTGGGGTGCTGCAAATTCAATACCAAAAAGTAGAGT  
GCAATTTCCCGGCGCGAAGGTGGCATTCCACGTTGACTCCGGCTCGAACCCCAA  
CTATTTGCTGCGCTAATTGAGTACGAGGATGGGGATGGCGAGCTCGGCGCCGTC  
AACCTGAAGCAGGCTCTAGACTCTGACTCTTGGCTTCGATGCAACAGTCGTGGG  
GCGCGGTTTGGAAAGTTGGATGGCGCAGGCCAGCTGCGCGCCCCATTCTCGATCAA  
GCTCACCTCTTTGACTCCGGCAAGACCCTGGTTGCCAACAACGTGATCCCCGCT  
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### Nucleotide

>EgrEXPB-03

TGAGTGCAAGAAATCAAACCTCTGACCAAAGTGTCTCGAGAATCACATGGCGCCT  
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ATCTTTTTATGCAAGCGCCGCTGGTCTCATCACACGCCTTTAAGTAATTTTGACTT  
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TCTCTCTTGCTAGAAAAGTGTTCGAATTATTTTATATTCGCCGTCAGAGAAA  
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CCACTTCTAAAGTGGATGGTCGTAATTGTGTCAATCTATATGCAAGTGGGTACA  
TTATTCATTATGAAAAATGAAAC