

IDENTIFICATION

Species: *Eucalyptus grandis*

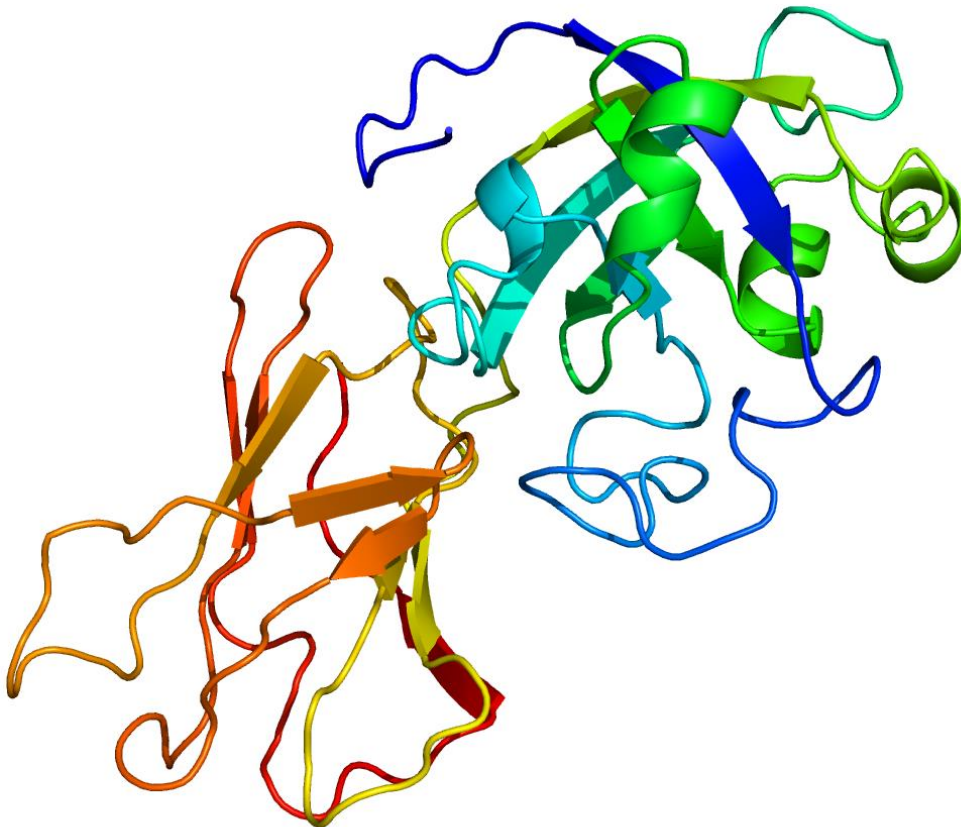
Locus: Eucgr.E01617

Gene Model: Eucgr.E01617.1.p

Description: EgrEXPB-08

Family: Beta Expansin

3D structure:



GENOME DATABASES

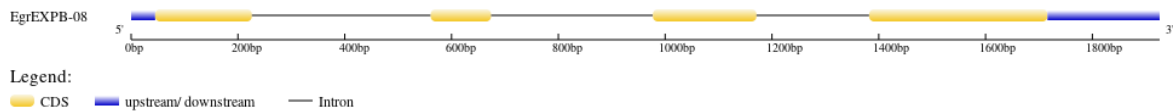
Phytozome: https://phytozome-next.jgi.doe.gov/info/Egrandis_v2_0

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

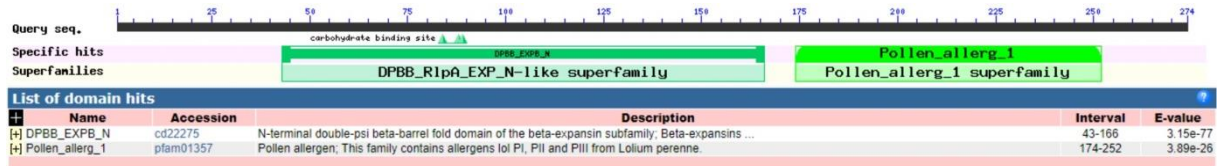
EXTERNAL RESOURCES

<https://eucgenie.org/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EgrEXPB-08

MALLQSPSICFPLALLLSLLINSSHCFNPKSLNISKVQSNGDWSPAGATWYGSPNGAG
SDGGACGYGSGVAQAPFSSMVSAGGPSLFKSGKGCACGYQVKTENAACSGNPVTV
VITDECPGGPCVAESAHFDSLGTAFGAMASSGKADELNRNGGVLQIQYQKVKCNFPGA
KVAFHVDSGSPNYFAAVIEYEDGDGELGAVNLKQALDSDSWLPMQQSWGAVWKL
DGAGQLRAPFSIKLTSLSGKTLVANNVIPAGWQPGQTYRSVVNFAV*

CDS (coding sequence)

>EgrEXPB-08

ATGGCGCTTCTTCAATCTCCATCGATTTGCTTCCCTCTCGCCCTTCTCCTTTCTCTC
CTCATAAACTCGTCTCACTGCTTCAACCCCAAATCGCTTAACATCTCGAAAGTTCA
GTCCAACGGTGATTGGTCGCCGGCAGGTGCGACGTGGTACGGGAGTCCCAACGG
CGCTGGAAGCGATGGTGGTGCATGTGGGTATGGGAGTGGGGTCGCCCAAGCTCC
ATTCTTCAATGGTGTCCGCAGGAGGGCCTTCTCTTTTCAAATCAGGCAAAGGA
TGTGGAGCTTGTTACCAGGTGAAATGCACTGAAAATGCGGCTTGTTCCGGGAACC
CGGTGACGGTCGTTATAACTGATGAATGCCCTGGTGGCCCTTGTTGTTGCTGAATCT
GCTCACTTCGATTTGAGCGGCACGGCTTTTGGAGCCATGGCAAGCTCCGGCAAGG
CCGATGAACTTCGCAACGGTGGGGTGCTGCAAATTCATAACCAAAAAGTAAAGT
GCAATTTCCCGGTGCGAAGGTGGCGTTCCACGTTGACTCCGGCTCGAACCCCAA
CTATTCGCTGCGGTAATTGAGTACGAGGATGGGGATGGCGAGCTTGGCGCCGTC
AACCTGAAGCAGGCTCTAGACTCTGACTCTTGGCTTCGATGCAACAGTCGTGGG
GCGCGGTTTGAAGTTGGATGGCGCAGGCCAGCTGCGCGCCCCATTCTCGATCAA
GCTCACCTCTTTGACTCCGGCAAGACCCTGGTTGCCAACAACGTGATCCCCGCT
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Nucleotide

>EgrEXPB-08

GAGTGCAAGAAATCAAACCTTTGACCAACGTGTCTCGAGAATCACATGGCGCTTC
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CGTCTCACTGCTTCAACCCCAAATCGCTTAACATCTCGAAAGTTCAGTCCAACGG
TGATTGGTTCGCCGGCAGGTGCGACGTGGTACGGGAGTCCCAACGGCGCTGGAAG
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GGAATCAAGTACAACGCTAGACAATACTACTCTAGTAATTACACATTTACCTGA
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CGCTTCTAGACTTCCATTAAGTAGTTTGAATTCTTCGTATTTAAATAGATTAT
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GCTTGTTCCGGGAACCCGGTGACGGTCGTTATAACTGATGAATGCCCTGGTGGCC
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