

IDENTIFICATION

Species: *Eucalyptus grandis*

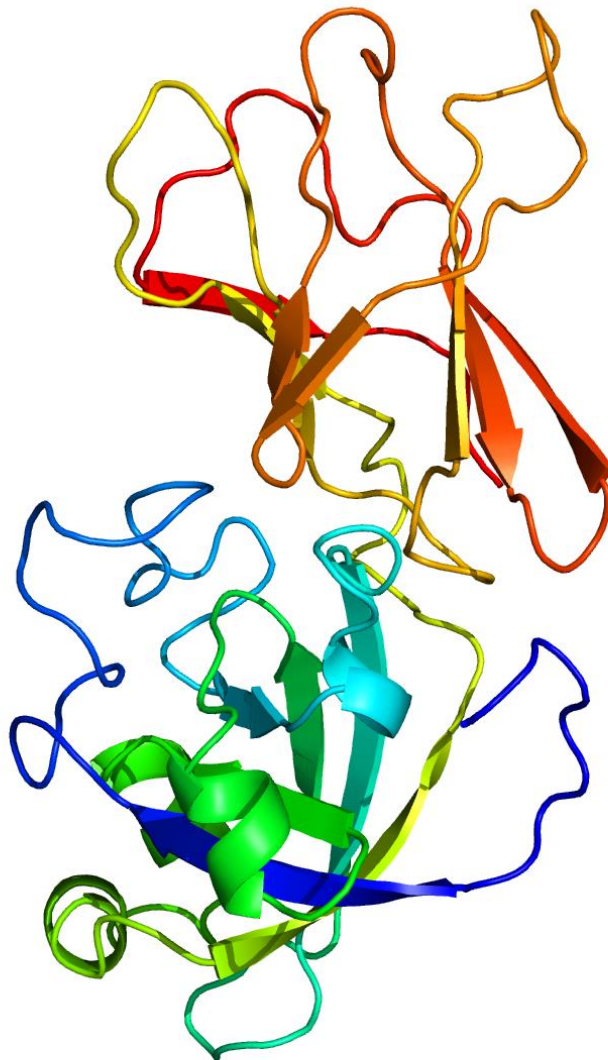
Locus: Eucgr.E01620

Gene Model: Eucgr.E01620.1.p

Description: EgrEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

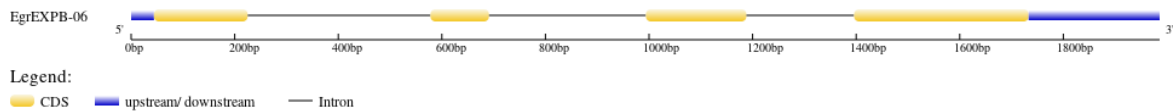
Phytozome: https://phytozome-next.jgi.doe.gov/info/Egrandis_v2_0

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

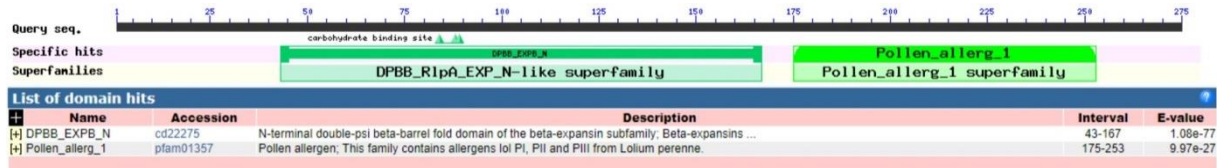
EXTERNAL RESOURCES

<https://eucgenie.org/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EgrEXPB-06

MALLQSPSICFPLALLLSLLINSSHCFNPKSLNISKVQSNQDWSPAGATWYGSPNGAG
SDGGACGYGSGVAQAPFSSMVSAGGPSLFKSGKGCACGYQVKTENAACSGNPVTV
VITDECPGGPCVAESAHFDSLGTAFGAMASSGKADELNRNAGVQLQIQYQNRVKCNFPG
AKVAFHVDSGSNPNYFAALIEYEDGDGELGAVNLKQALDSDSWLPMQQSWGAVWK
LDGAGQLRAPFSIKLTSLSGKTLVANNVIPAGWQPGQTYRSVVNFAV*

CDS (coding sequence)

>EgrEXPB-06

ATGGCGCTTCTTCAATCTCCATCGATTTGCTTCCCTCTCGCCCTTCTCCTTTCTCTC
CTCATAAACTCGTCTCACTGCTTCAACCCCAAATCGCTTAACATCTCGAAAGTTCA
GTCCAACGGTGATTGGTCGCCGGCAGGTGCGACGTGGTACGGGAGTCCCAACGG
CGCTGGAAGCGATGGTGGTGCATGTGGGTATGGGAGTGGGGTCGCCCAAGCTCC
ATTCTTTCAATGGTGTCCGCAGGAGGGCCTTCTCTTTTCAAATCAGGCAAAGGA
TGTGGAGCTTGTTACCAGGTGAAATGTACTGAAAACGCGGCTTGTTCCGGGAACC
CGGTGACGGTTGTTATAACTGATGAATGCCCTGGTGGCCCTTGTTGTCGCTGAATCT
GCTCACTTCGATTTGAGCGGCACGGCTTTTGGAGCCATGGCGAGCTCCGGCAAGG
CCGATGAACTTCGCAACGCTGGGGTGCTGCAAATTCAATACCAAACAGAGTAA
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CAACTATTCGCTGCGCTAATTGAGTACGAGGATGGTGTGATGGCGAGCTCGGCGCC
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GGGGCGCGGTTTGGAAAGTTGGATGGCGCAGGCCAGCTGCGCGCCCCATTCTCGAT
CAAGCTCACTTCTCTTACTCCGGCAAGACCCTGGTTGCCAACACGTGATCCCC
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Nucleotide

>EgrEXPB-06

AGTGCAAGAAATCAAACCTCCTGACCAAAGTGTCTCGAGAATCACATGGCGCTTCT
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GTCTCACTGCTTCAACCCCAAATCGCTTAACATCTCGAAAGTTCAGTCCAACGGT
GATTGGTCGCCGGCAGGTGCGACGTGGTACGGGAGTCCCAACGGCGCTGGAAGC
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