

## IDENTIFICATION

**Species:** *Eucalyptus grandis*

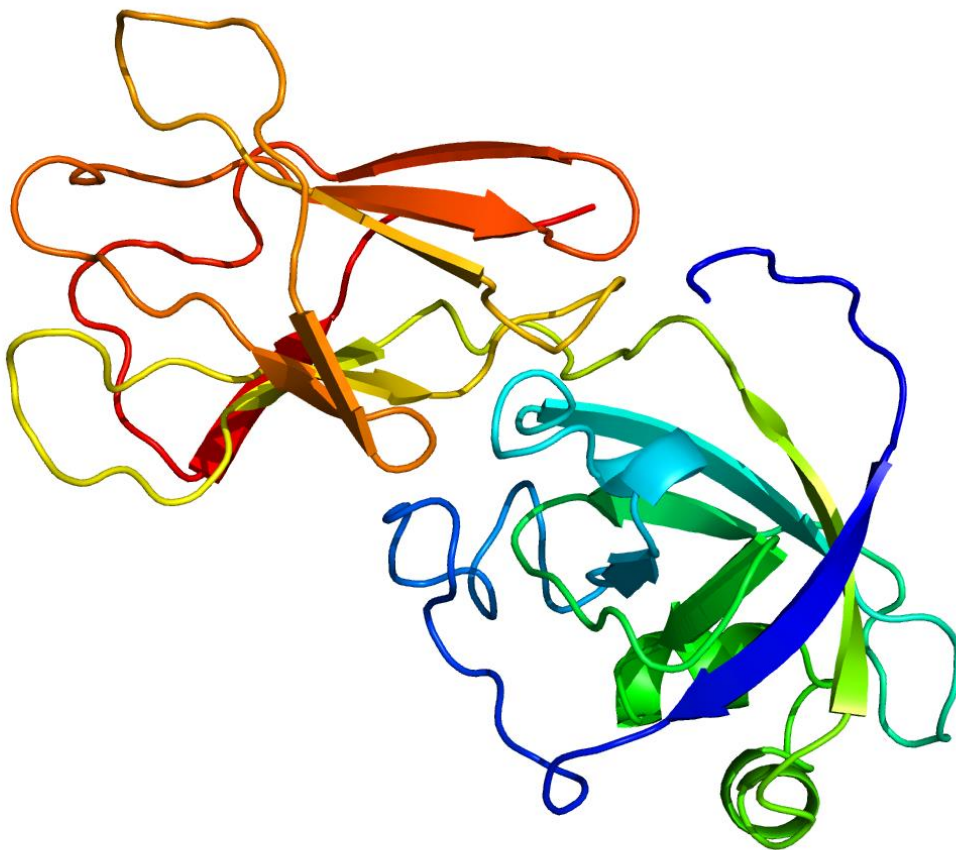
**Locus:** Eucgr.I01493

**Gene Model:** Eucgr.I01493.2.p

**Description:** EgrEXLA-02

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

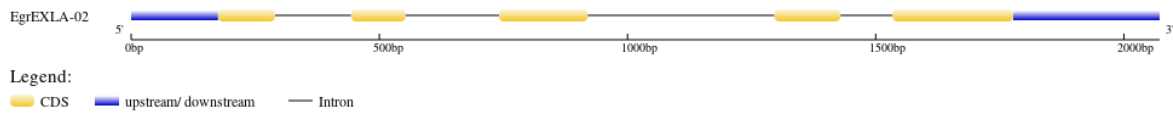
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Egrandis\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Egrandis_v2_0)

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

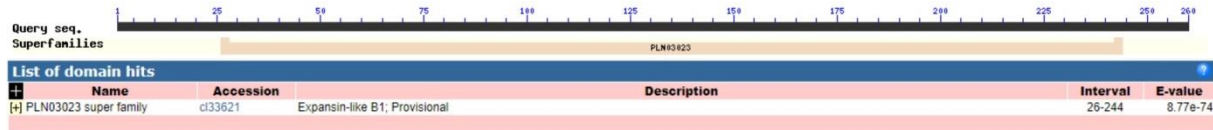
## EXTERNAL RESOURCES

<https://eucgenie.org/>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>EgrEXLA-02  
MALLLCFLLSLFISSATACDRCVHQSKAA YFSKASALSSGACGYGSLAVGFNSGFLAA  
AIPSLYKDGAGCGACFQIRCKNANLCTKGGTRVIVTDLNRNNTDFVLSSRAFAAMA  
RQMSQDILRQGIVDVEYKRVPCDYKDRNLAVRVEESSRKNYLAIKVLYQGGQTEI  
VAMDVAQVGSSYWTYMSRNYGAVWNTSRVDPGALQFRFVVTSGYDGKWIWAKSV  
LPADWQNGVVYDSGIQITDIAQEGCSQCDDGSW\*

### CDS (coding sequence)

>EgrEXLA-02  
ATGGCCTTGCTTCTCTGCTTCCTCCTCTCTCTCTTCATCTCATCCGCCACTGCTTGC  
GATCGCTGCGTCCACCAGTCCAAGGCCGCTTACTTCAGCAAGGCCTCTGCACTTT  
CGTCTGGAGCATGTGGGTATGGCTCTTTGGCTGTGGGCTTCAACAGTGGCTTTCTC  
GCAGCAGCCATTCCTTCCCTTTACAAAGATGGTGCTGGTTGTGGTGCTTGCTTTCA  
GATAAGGTGCAAGAACGCCAATCTGTGCACCAAAGGAGGGACTAGAGTGATCGT  
GACCGATCTCAACCGCAACAACAACACAGACTTCGTGCTCAGCAGCCGAGCTTTC  
GCGGCCATGGCTCGCCAGGGGATGAGCCAGGACATCTTGAGACAAGGCATTGTC  
GACGTCGAATATAAAAAGAGTCCCTTGCGACTACAAGGACCGGAATCTGGCCGTT  
GGGTGGAGGAGTCGAGCCGAAAGCCAAATTACCTCGCCATCAAAGTGCTGTACC  
AAGGCGGCCAGACCGAAATCGTGGCCATGGACGTAGCACAAGTCGGTTCGTCAT  
ATTGGACCTACATGAGCAGGAACACTACGGCGCTGTTTGAACACGAGCCGCGTCCC  
CGATGGGGCATTGCAGTTCCGGTTCGTGGTGACCTCTGGCTACGATGGGAAGTGG  
ATCTGGGCCAAGAGCGTCCTTCCC GCGGATTGGCAGAACGGGGTCGTCTACGATT  
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### Nucleotide

>EgrEXLA-02  
GTCCGACCCGAAGGAAAAAAAAATAAGAATCGTTGTCAATCAAATCCTTTTTGG  
AAGGGCTGACCTGTAGTCCACACTCAAAGCTCTTACCTTCGGCTACTCGCCACTCT  
ATAAATACCGCGTTTCTCCATCAGTCTTTCATTTCGACACTGACTCGACAACAATAA  
GAACCAAGATGGCCTTGCTTCTCTGCTTCCTCCTCTCTCTCTTTCATCTCATCCGCA  
CTGCTTGCATCGCTGCGTCCACCAGTCCAAGGCCGCTTACTTCAGCAAGGCCTC  
TGCATTTTCGTGTAAGCAATCGGTTCTTGGTCTTCTCGTTTGTGCTTCCCTTTCTC  
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AGCATGTGGGTATGGCTCTTTGGCTGTGGGCTTCAACAGTGGCTTTCTCGCAGCA  
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AACTATTGATTTGCAGATAAGGTGCAAGAACGCCAATCTGTGCACCAAAGGAGG  
GACTAGAGTGATCGTGACCGATCTCAACCGCAACAACAACACAGACTTCGTGCTC  
AGCAGCCGAGCTTTCGCGGCCATGGCTCGCCAGGGGATGAGCCAGGACATCTTG  
AGACAAGGCATTGTGACGTCGAATATAAAAAGGTGAGCAACGAAGAGCAAATAA  
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GATTCCTCTTCTGATGGTTTTGGTACAACGACTACTCTCGCACGACCACACAATGG  
CATCTGGCCAGGGGAAGTAAAGTCACTGTACTCTGATGCAGGCTGACACCTAGCA  
CATTGATTGCTTCCTAACGTTACTCTGTTTCGTATAGTCAGACCTGTACATGTGCT  
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CGGTGAAATGCTGGCCAGGGGTATCTGACTCGGGCGTAACATAGATAGGAAAGG  
TTTTCTTAAAGTATCAGTGATACAAATTGTACTCTGGTGACATGTTAATGAGAATG  
TTGGTAATAAGTTTCATATA