

## IDENTIFICATION

**Species:** *Amborella trichopoda*

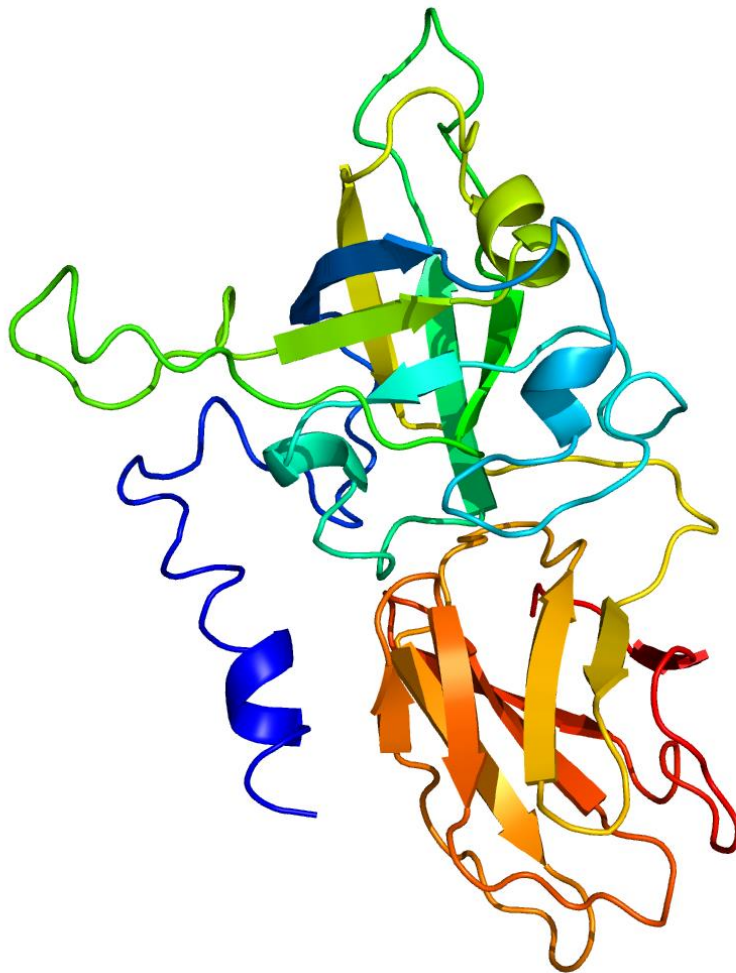
**Locus:** evm\_27.model.AmTr\_v1.0\_scaffold00012

**Gene Model:** evm\_27.model.AmTr\_v1.0\_scaffold00012.186

**Description:** AtrEXPA-03

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

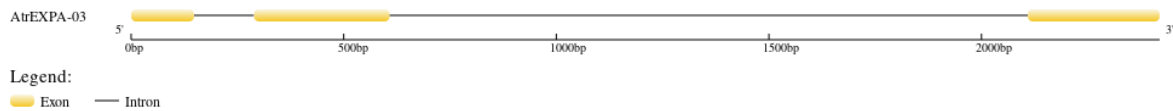
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Atrichopoda\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Atrichopoda_v1_0)

KEGG: <https://www.genome.jp/entry/gn:T02990>

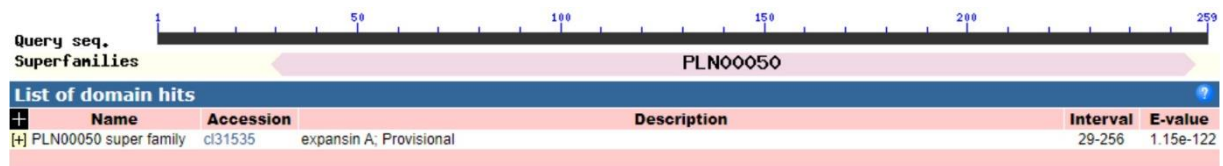
## EXTERNAL RESOURCES

[https://plants.ensembl.org/Amborella\\_trichopoda/Info/Index?db=core](https://plants.ensembl.org/Amborella_trichopoda/Info/Index?db=core)

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AtrEXPA-03

MSPKWV LALALLASIMVPAFARIPGVYSGSDWESAHATFYGGSDASGTMGGACGYG  
NLYSQGYGVETAALSTALFNSGLSCGACFEIKCASDPKWCHSGSPSIFITATNFCPPNY  
ALPSDNGGWCNPPRPHFDLAMPFLKIAEYRAGIVPVSYRRVSCRKPGGIRFTINGFR  
YFNLVLISNVAGAGDIVKVWVKGSRTGWMSMSRNWQNWQSNLSILVGQALSFRVT  
SSDRRTSTSWNVVPANWQFGQTFGTGKNFRI\*

### CDS (coding sequence)

>AtrEXPA-03

ATGTCTCCGAAATGGGTCTTGGCTCTCGCGCTCCTGGCCTCCATTATGGTGCCCGC  
CTTTGCTCGTATTCCAGGCGTTTACTCAGGCAGCGATTGGGAATCAGCTCATGCC  
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GGAAACCTTTACAGTCAAGGCTATGGCGTGGAAACTGCGGCTTTGAGCACAGCTC  
TGTTCAATAGTGGTCTCAGCTGTGGAGCTTGCTTCGAGATCAAGTGCGCAAGCGA  
TCCAAAGTGGTGCCACTCAGGAAGTCCCTCCATCTTCATCACTGCAACTAACTTCT  
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GGTTCACCATCAATGGGTTCCGGTACTTCAACCTGGTGCTCATCTCGAATGTGGCC  
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AGCATGTCCCGGAACTGGGGCCAGA ACTGGCAGTCCA ACTCCATCCTCGTGGGCC  
AGGCTCTCTCCTTCCGGGTCACCAGCAGCGACCGCGTACCTCCACTTCTGGAA  
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### Nucleotide

>AtrEXPA-03

ATGTCTCCGAAATGGGTCTTGGCTCTCGCGCTCCTGGCCTCCATTATGGTGCCCGC  
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