

## IDENTIFICATION

**Species:** *Amborella trichopoda*

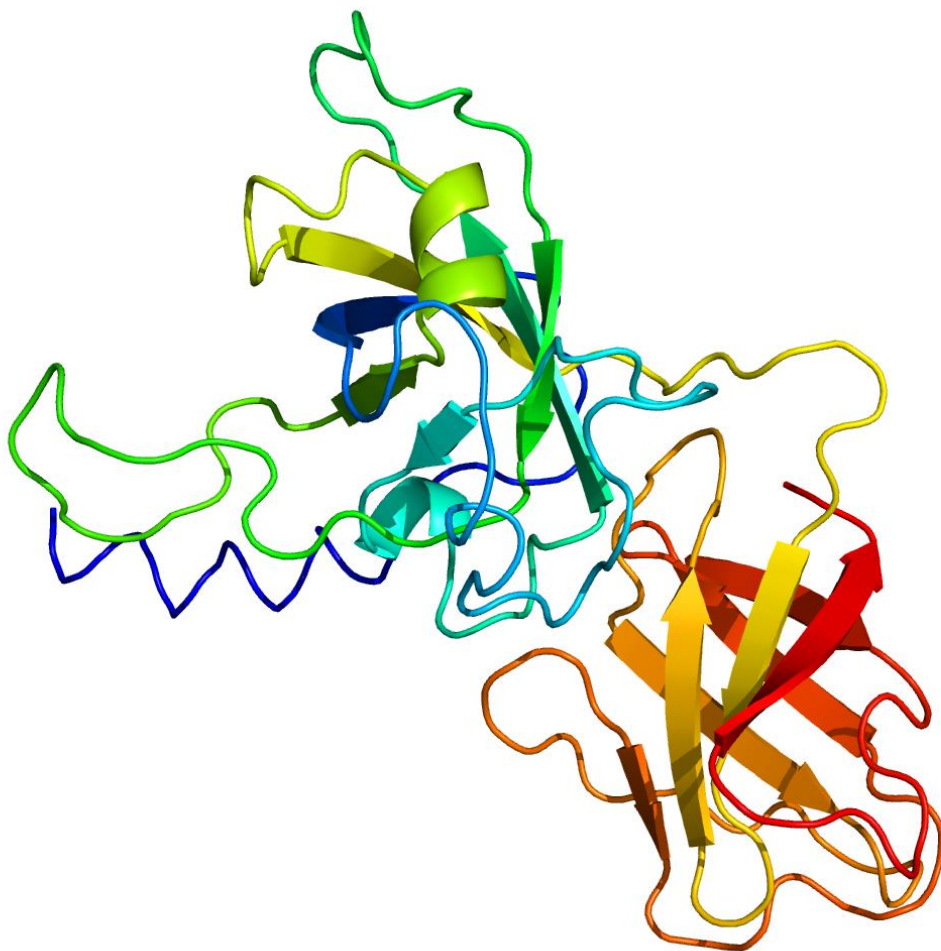
**Locus:** evm\_27.model.AmTr\_v1.0\_scaffold00119.39

**Gene Model:** evm\_27.model.AmTr\_v1.0\_scaffold00119.39

**Description:** AtrEXPA-08

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

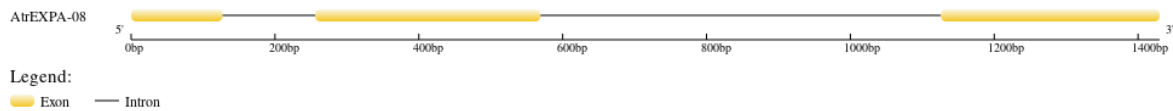
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Atrichopoda\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Atrichopoda_v1_0)

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

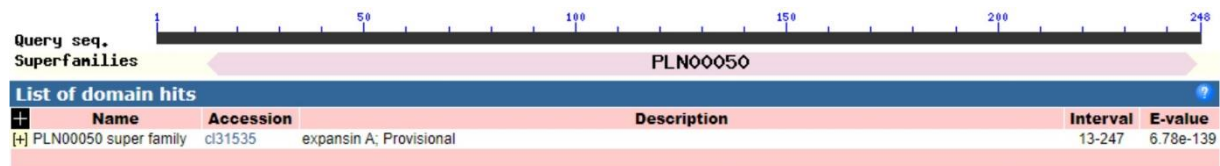
## EXTERNAL RESOURCES

[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-08

MAFLGLFLAALLSILKPALADGYGWNSAHATFYGGGDASGTMGGACGYGNLYSQ  
YGTNTAALSTALFNGLSCGACFEIKCVDDPSWCLPGSIIVTATNFCPPNNAALPNNAG  
GWCNPPQQHFDLAQPVFQQAQYKAGIVPVA YRRVPCQKKGIRFTINGHSYFNLVLI  
TNVGGAGDITAVWIKGSSSGWQSMSQNWGQNWQSN SYLNGQALSFRITTS DGRTLE  
SDNVAPSDWNFGQTFSGNQF\*

### CDS (coding sequence)

>AtrEXPA-08

ATGGCTTTTCTTGGATTGTTCTTGGCTGCCCTATTGAGCATTCTCAAGCCTGCTCTT  
GCTGATGGTTATGGATGGAATAGTGCCCATGCAACCTTCTATGGCGGTGGCGACG  
CCTCCGGCACAATGGGTGGGGCTTGTGGTTATGGGAACTTGTACAGTCAGGGGTA  
TGGAACAAACACTGCAGCATTGAGCACTGCTCTGTTCAACAATGGACTGAGCTGT  
GGAGCTTGCTTTGAGATCAAATGTGTTGATGACCCAAGCTGGTGCCTTCCTGGGT  
CCATTATTGTGACTGCAACTA ACTTCTGCCCTCCAATAATGCATTGCCTAACAAT  
GCAGGGGGGTGGTGTAAACCCTCCTCAGCAACACTTTGATCTTGCTCAACCTGTCTT  
CCAACAAATTGCTCAATACAAGGCTGGTATTGTCCCTGTTGCCTACAGAAGGGTC  
CCTTGCCAGAAGAAGGGTGGGATCAGATTCACCATTAATGGCCACTCCTACTTCA  
ACCTCGTCCTCATCACCAACGTCGGTGGTGCCGGCGACATCACCGCTGTCTGGAT  
CAAAGGCTCGAGCTCCGGCTGGCAATCCATGTCCAGA ACTGGGGTCAA AACTG  
GCAGAGCAACTCCTACCTCAATGGCCAAGCCCTCTCGTTCAGAATCACCACCAGT  
GATGGCCGCACTCTTGAATCAGACAATGTTGCCCTTCCGACTGGAATTTTGCC  
AACTTTTAGTGGCAACCAGTTCTAA

### Nucleotide

>AtrEXPA-08

ATGGCTTTTCTTGGATTGTTCTTGGCTGCCCTATTGAGCATTCTCAAGCCTGCTCTT  
GCTGATGGTTATGGATGGAATAGTGCCCATGCAACCTTCTATGGCGGTGGCGACG  
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TGGGGTTCTCTCTCCATAACAATGAAGTAGGTTCCCTGTTTTATCTGGTTTTGACCA  
TTAATGGCCCTCGTGTGTTGGTTTTTTTTGCAGGTGGGGCTTGTGGTTATGGGAACT

TGTACAGTCAGGGGTATGGAACAAACACTGCAGCATTGAGCACTGCTCTGTTCAA  
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CTTGCTCAACCTGTCTTCCAACAAATTGCTCAATACAAGGCTGGTATTGTCCCTGT  
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GNNNNNNNNNNNNNNNNNNNNNAGAGAGAGAGAGAGAAATCTTCCCCTGTTTTAC  
TTGACCTATTTACTCTGTTTTACTTTACCCATTTGTAAACTTAGAACTGCCAAGT  
GCTGAACACCCTGTTCCACTTTTTACACACTGTCGTTAGAGAAAGACAAGAGGCG  
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GCCCTTTTTTATCAAACCCAATGCAAAGAATTGAATTTGCAGCTGACCCCATCTC  
ACCATTTCCCTCCTCTCACAGGGTCCCTTGCCAGAAGAAGGGTGGGATCAGATT  
CACCATTAATGGCCACTCCTACTTCAACCTCGTCCTCATCACCAACGTTCGGTGGTG  
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CCTCTCGTTCAGAATCACACCAGTGATGGCCGCACTCTTGAATCAGACAATGTT  
GCCCTTCCGACTGGAATTTTGGCCAACTTTTAGTGGAACCAGTTCTAA