

IDENTIFICATION

Species: *Amborella trichopoda*

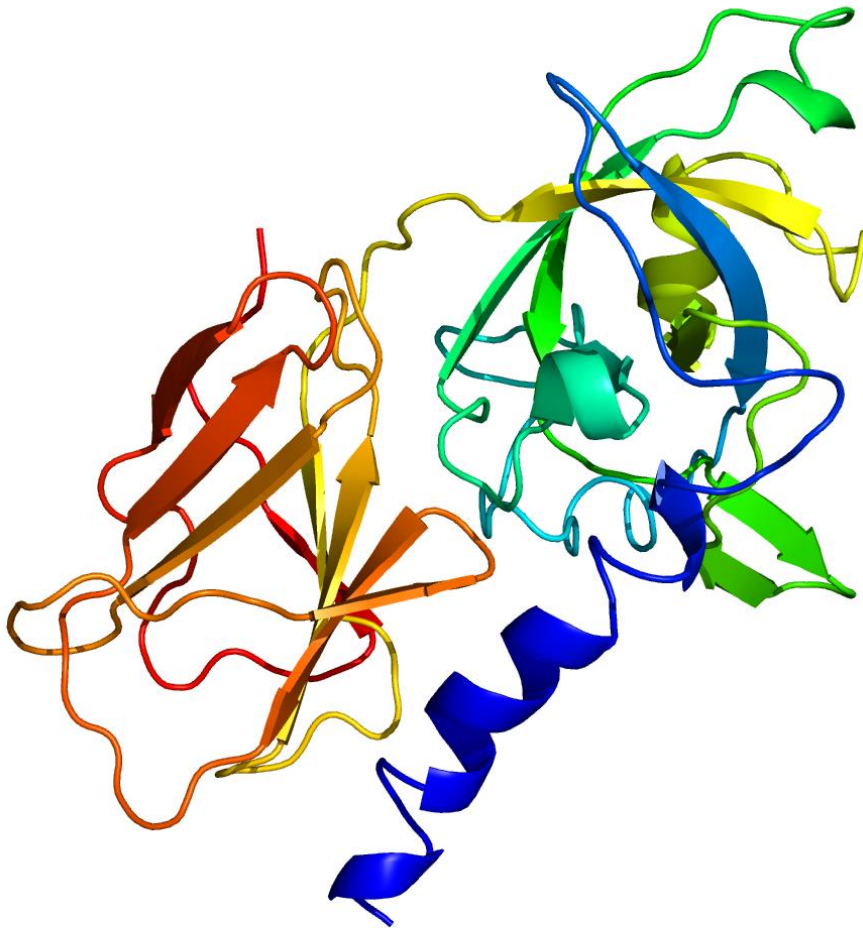
Locus: evm_27.model.AmTr_v1.0_scaffold00001

Gene Model: evm_27.model.AmTr_v1.0_scaffold00001.82

Description: AtrEXPA-01

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Atrichopoda_v1_0

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

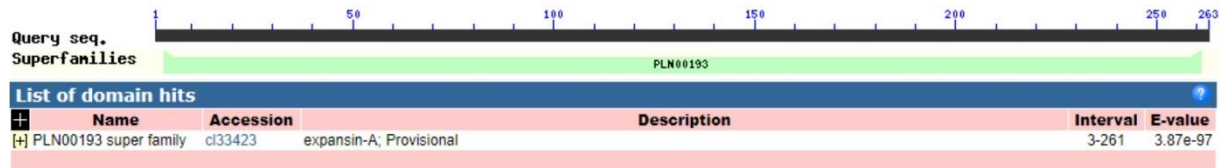
EXTERNAL RESOURCES

https://plants.ensembl.org/Amborella_trichopoda/Info/Index?db=core

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AtrEXPA-01

MDSSCLSRLLVLSFFVVSQTLWLTAAVTMARYTPSPWKLAHATFYGDESASDTMGGA
CGYGNLFNTGYGTSTAALSTTLFNNGYGCGTCFQIRCVQSKWCFNGSPITTVTATNL
CPPNWSSEDSNNGGWCNPPGTHFDMSKPAFMQIAQWKAGIVPVMYRRVPCIRKGGGLK
FTFQNGYWLLVYVMNVGGAGDIASMSVKGTKTGWISMSHNWGASYQAFSNLAG
QELSFRTSYTNQQTYYAWNVAPSNWQMGLTYQSSVNFL*

CDS (coding sequence)

>AtrEXPA-01

ATGGACTCGTCTTGTCTCAGCCGCCTCCTAGTATTGAGCTTTTTTGTTCAGCCAAAC
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CTTGTGGATATGGCAACTTGTAACTGGGTACGGAACCTCAACGGCCGCACT
TAGCACCACACTATTCAACAATGGGTATGGCTGCGGCACGTGTTTTCAAATTCGG
TGCGTGCAATCAAAGTGGTGCTTCAATGGATCCCCCATTACCACTGTCACTGCCA
CCAACCTTTGCCCGCAAATTGGTCCGAAGACTCGAACAATGGTGGTTGGTGCAA
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CGGGTGGATCAGTATGAGCCATAATTGGGGAGCCTCATACCAAGCCTTCTCCAAC
CTTGCTGGCCAAGAATTGTCCTTTAGGGTACCTCTTACACGAACCAGCAGACTA
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Nucleotide

>AtrEXPA-01

ATGGACTCGTCTTGTCTCAGCCGCCTCCTAGTATTGAGCTTTTTTGTTCAGCCAAAC
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