

IDENTIFICATION

Species: *Amborella trichopoda*

Locus: evm_27.model.AmTr_v1.0_scaffold00001

Gene Model: evm_27.model.AmTr_v1.0_scaffold00001.273

Description: AtrEXLA-01

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

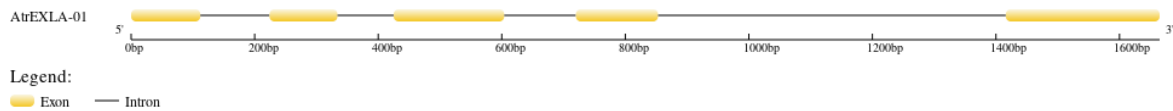
Phytozome: https://phytozome-next.jgi.doe.gov/info/Atrichopoda_v1_0

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

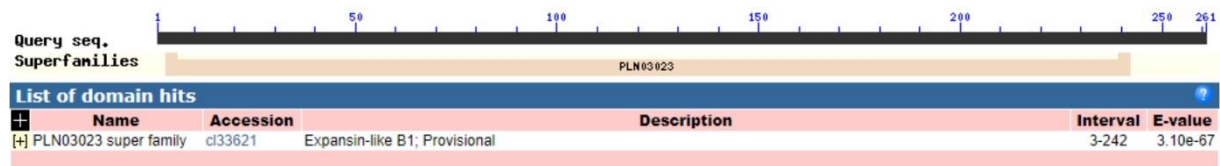
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AtrEXLA-01

MAFFIFILLLSLSSAMACDRCVHRSKVAYYSSPSAIPAGACGYGSMALAFNGGYVAA
TSSALYREGIGCGACFQIRCTDWTVCCKGGSQIIVTDLNYDNHTEFVLSGAAFFGMAR
KGMKQQLKIGVAVVEYKRVPCDYKNKNLSVMVEESSQYPYLAVKFVYQGGQTD
IVAVDVAQVGSNWRYMTRNHGAIWDTNRVPQGALQFRLVVTGGYDVKWIWAQS
VLPADWTKGAVYDSGVQIHDIAQEGCSPCDSSEDWHS*

CDS (coding sequence)

>AtrEXLA-01

ATGGCATTCTTCATCTTTATTCTCCTTCTTTCGCTCTCTTCTGCGATGGCCTGTGAT
CGATGCGTCCATCGATCAAAGGTCGCCTACTATTCCTCCCCTTCTGCAATTCCAGC
TGGGGCGTGCGGTTATGGCTCCATGGCACTGGCTTTCAATGGTGGATACGTTGCT
GCTACAAGCTCTGCTTTGTACCGAGAAGGAATTGGTTGTGGCGCCTGTTTTTCAGA
TTAGGTGCACAGATTGGACTGTATGTAGCAAAGGGGGATCACAGATTATCGTCAC
TGACCTCAATTACGACAACACACCGAATTTGTGCTGAGTGGTGGCTGCCTTTTTTCG
GGATGGCTAGAAAGGGAATGAAACAACAATAAAAAAATTGGGGTTGCAGTTG
TTGAATATAAAAGGGTACCATGTGACTATAAGAATAAGAACCTCTCTGTAATGGT
GGAAGAGAGTAGCCAATATCCATACTATCTGGCCGTCAAATTCGTGTATCAAGGG
GGCCAAACAGACATAGTTGCAGTCGATGTTGCTCAAGTGGGTTCTTCGAATTGGC
GTTATATGACGAGGAATCATGGAGCAATTTGGGATACAAACAGAGTACCGCAAG
GGGCTTTGCAATTTAGGTTAGTTGTGACAGGGGGGTACGATGGTAAATGGATATG
GGCACAAAGTGTTCTTCCCCTGATTGGACAAAAGGGGCTGTATATGATTCAGGC
GTTTCAGATACACGACATTGCTCAAGAAGGTTGCTCGCCCTGTGATTCAGAAGACT
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Nucleotide

>AtrEXLA-01

ATGGCATTCTTCATCTTTATTCTCCTTCTTTCGCTCTCTTCTGCGATGGCCTGTGAT
CGATGCGTCCATCGATCAAAGGTCGCCTACTATTCCTCCCCTTCTGCAATTCCAGG
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GGGGCGTGCGGTTATGGCTCCATGGCACTGGCTTTC AATGGTGGATACGTTGCTG
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AG