

IDENTIFICATION

Species: *Marchantia polymorpha*

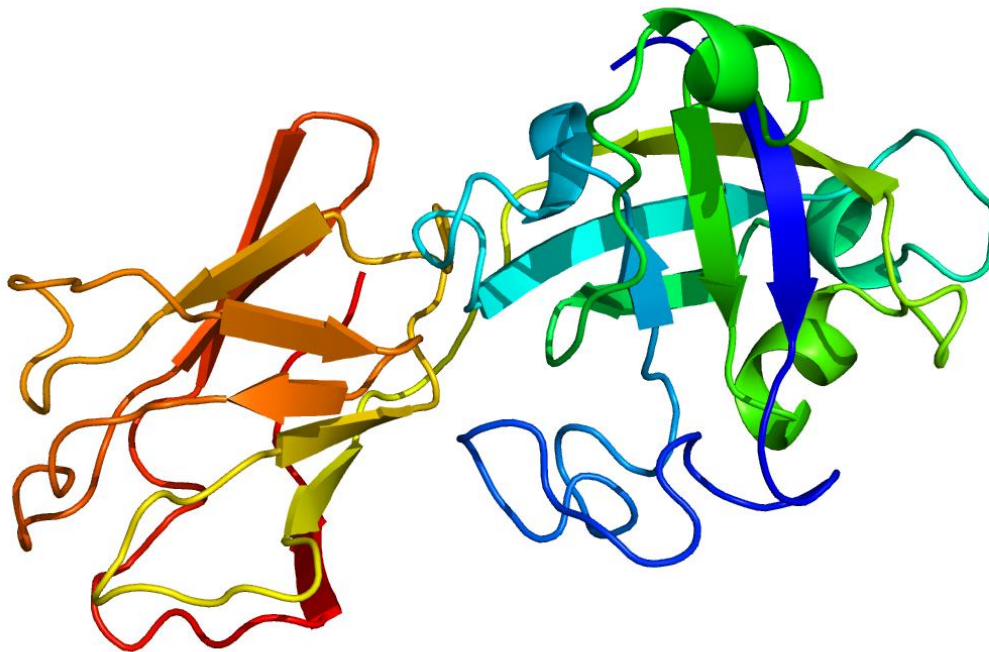
Locus: Mapoly0118s0017

Gene Model: Mapoly0118s0017.1.p

Description: MpoEXPA-30

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

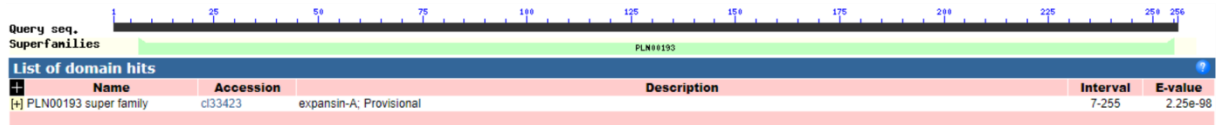
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-30

MAGMTRAAFARLALGFLLVLWSRAPVARAWVMTDWADAHATFYGGQDASGTMG
GACGYGNLYSVGYGTSSTALSINALFNGLSCGACFQIVCRLAESKYCYPGGSVVVTA
TNACPPGSEGGWCDPPKAHFDLSYPAFQRLAQPVGGVIPVRYKRVCSRNGGIRFTIR
GNPYFDLVLVTNVEFGAVQSLQIKGERTGWTYMRQNWGANWQANVNVQGGQALA
FKVTLDNGRSLEFYNVAPKNWGFQTFEADYNF*

CDS (coding sequence)

>MpoEXPA-30

ATGGCTGGAATGACGCGAGCTGCCTTTGCGCGCTTGGCTTTGGGCTTTCTGCTCGT
GCTCTGGAGTAGGGCCCCCTGTGGCACGCGCCTGGGTAATGACGGACTGGGCCGA
CGCCACGCAACTTTTTACGGAGGTCAAGATGCTTCCGGCACCATGGGCGGAGCC
TGTGGATACGGCAACCTGTACTCGGTCCGATACGGGACCTCGTCCACGGCGCTGA
GCAATGCCCTGTTCAACAACGGGCTCAGCTGCGGCGCGTGCTTCCAAATCGTGTG
CAGATTGGCCGAGAGCAAGTACTGCTACCCGGGCGGCAGCGTCGTGGTGACGGC
CACCAATGCCTGCCCGCCCGGATCCGAAGGAGGCTGGTGCGATCCCCCAAGGC
GCACTTCGATCTCTCGTACCCGGCCTTCCAGCGCCTCGCCAACCCGTCGGCGGA
GTGATTCTGTGATACAAGAGGGTGTGTCGTGCAGCAGGAACGGAGGCATCCGC
TTCACCATCCGGGGCAATCCGTACTTCGATCTGGTGCTGGTGACGAACGTGGGCG
AGTTCGGCGCGGTGCAGTCGCTGCAGATCAAGGGCGAGCGGACCGGCTGGACCT
ACATGCGCCAGAACTGGGGCGCCAAGTGGCAAGCGAACGTGAACGTGCAGGGCC
AAGCCCTGGCCTTCAAGGTTACGCTGGACAATGGCCGGAGCCTGGAATTCTACAA
CGTGGCTCCCAAGAACTGGGGCTTCGGGCAAACCTTCGAGGCCGACTACAACCTC
TAG

Nucleotide

>MpoEXPA-30

ACTAGTCAGATAACGCATTGCCCATATCTCCACCCACTGTTCCCTAGCCTCTGGGC
TGCCTTCAGGTAGTACACGACTCTCCCTCTTGCTCCTCTGCTCCCTCCCCTCCCTC
CGTTCATAGCCAGCAGCTGGGAGGTCGGTTTGGTTTCTCGCGCCTCCAGCTTTCG
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CGCTTTCCTTGTTCAGCTCCAGCGCCTCGTGCGACTCCCTCCCTCACTCACTCCCT
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TGGGCCTAGGATGTGATATGTTGCTCAACTCTTGGTAACCTTGACATAGTTTTTTA
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