

IDENTIFICATION

Species: *Marchantia polymorpha*

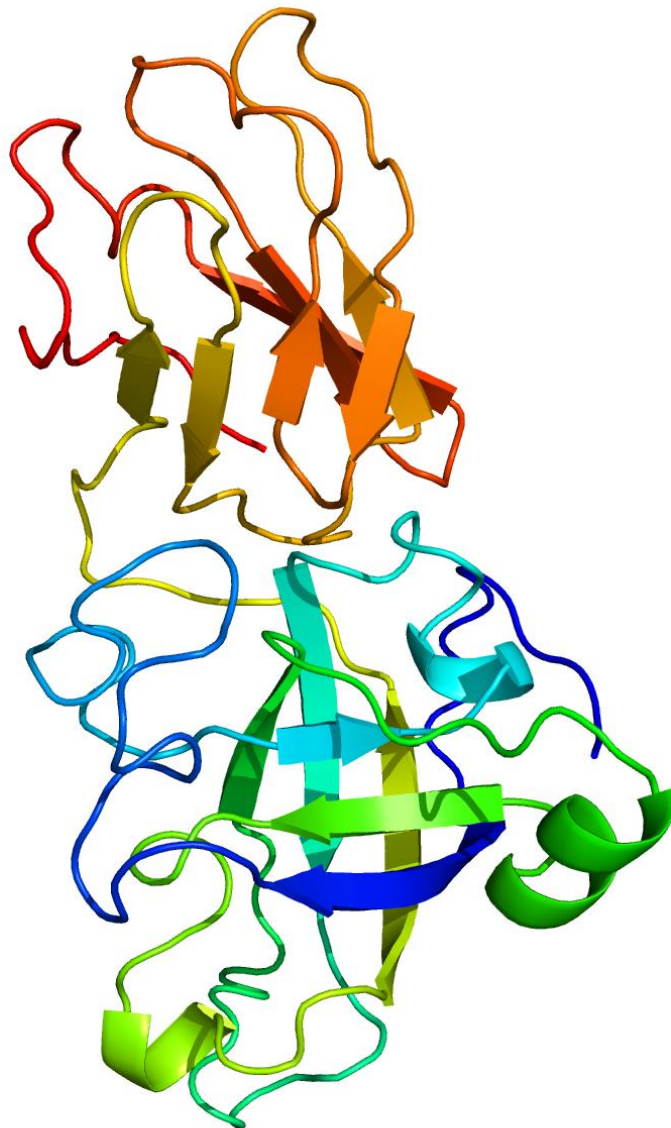
Locus: Mapoly0125s0001

Gene Model: Mapoly0125s0001.2.p

Description: MpoEXPA-31

Family: Alpha Expansin

3D structure:



GENOME DATABASES

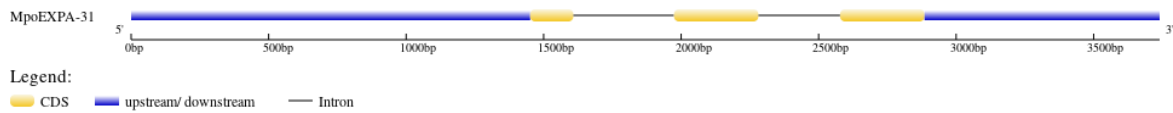
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

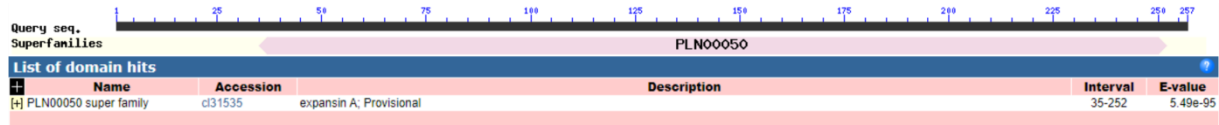
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-31

MAAIRGSVVALSTVFLLLCAATVASAAA WAVTDWTD AHATFYGGQDASGTMGG
ACGYGNLYSRGYGTASTALS NALFNSGLSCGACFEIICKLSE TKWCYTGGKSIVVTAT
NQCPQGSEGGWCDYPRSHFDLSFPMFQSLAQAVGGVIPVQYRRVSCSRSGGIRFTING
NAYFNLVLTNVGGKGDVAALWMRG SNTDWQPMKQNWGQNWQC DTKLVGQAL
SFKAMLGSGETKEFYNVADSNWLF DQTYEGDYNF*

CDS (coding sequence)

>MpoEXPA-31

ATGGCGGCAATCAGAGGATCCGTAGTCGCTCTGAGCACTGTTTTTCTTCTATTATG
TGCGGCAACTGTGGCAAGTGCTGCTGCTGCATGGGCCGTCACCGACTGGACTGAT
GCGCATGCAACATTCTACGGCGGTCAAGACGCTTCGGGCACGATGGGTGGTGCC
GCGGATACGGGAACCTTTACTCAAGGGGCTACGGAACCTGCCTCGACTGCTCTCAG
CAACGCATTGTTCAATTCTGGTCTTAGCTGCGGAGCTTGCTTTGAAATCATTGCA
AGCTGAGCGAGACCAAGTGGTGCTACACCGGAGGCAAGAGCATAGTGGTGACAG
CAACGAACCAGTGCCCGCAGGGTTCCGAAGGAGGATGGTGTGATTACCCAGGT
CCCACTTTGATCTGTCATTCCCGATGTTCCAGTCCCTTGCGCAAGCAGTTGGAGGA
GTCATCCCAGTTCAGTACCGCAGAGTGTCATGCTCACGCTCCGGAGGAATTCGCT
TCACTATCAACGGAAACGCCTACTTCAACCTGGTCCTGGTGACGAACGTCGGCGG
CAAGGGAGACGTGGCGGCTCTGTGGATGAGGGGAAGCAACACCGACTGGCAGCC
CATGAAGCAGAATTGGGGTCAGAACTGGCAATGCGACACCAAGCTGGTGGGTCA
GGCGCTCTTTTCAAAGCTATGCTGGGAAGTGGAGAGACCAAAGAATTCTACAAC
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AG

Nucleotide

>MpoEXPA-31

CTACTAGAATGGAGGAATGTACTCCAGAATCCAGATGCATTAGGCTGATTTTCT
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