

IDENTIFICATION

Species: *Marchantia polymorpha*

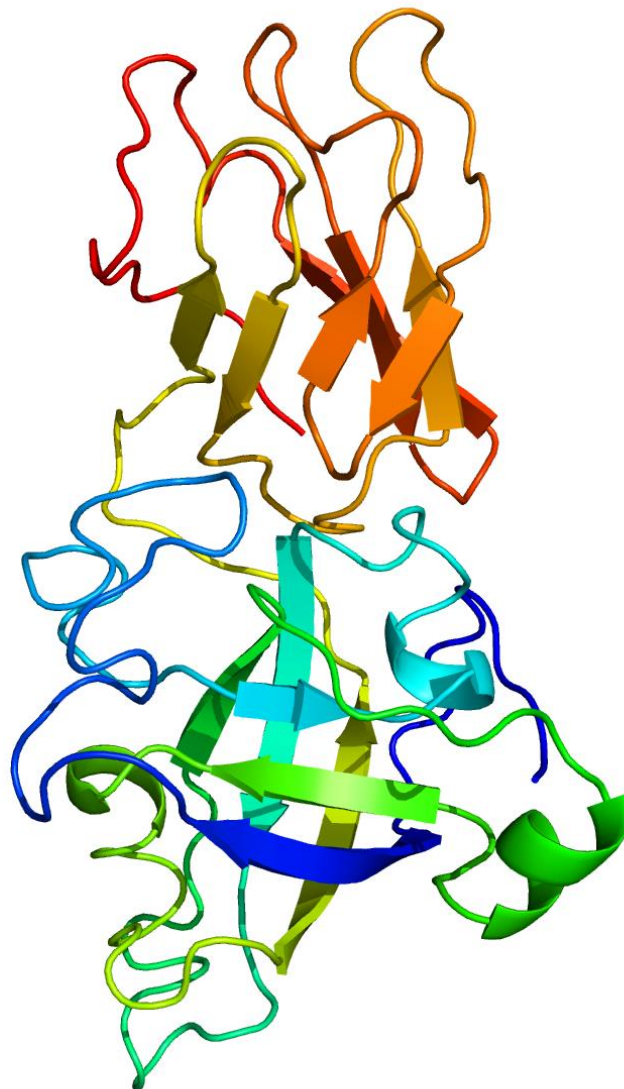
Locus: Mapoly0125s0001

Gene Model: Mapoly0125s0001.1.p

Description: MpoEXPA-32

Family: Alpha Expansin

3D structure:



GENOME DATABASES

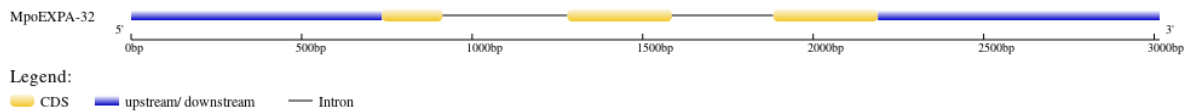
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

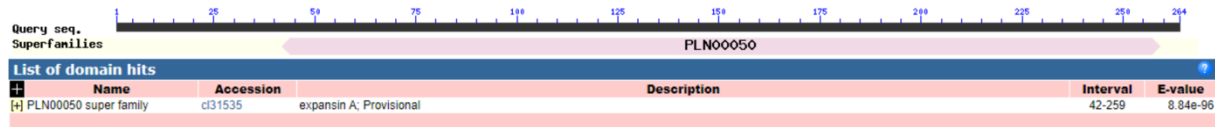
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-32

MTRLCREMAAIRGSVVALSTVFLLLCAATVASAAAAWAVTDWTDAAHATFYGGQDA
SGTMGGACGYGNLYSRGYGTASTALSNALFNGLSCGACFEIICKLSETKWCYTGGK
SIVVTATNQCPQGSEGGWCDYPRSHFDLSFPMFQSLAQAVGGVIPVQYRRVSCSRSG
GIRFTINGNAYFNLVLVTNVGGKGDVAALWMRGSNTDWQPMKQNWGQNWQCDT
KLVGQALSFKAMLGSGETKEFYNVADSNWLFDTYEGDYNF*

CDS (coding sequence)

>MpoEXPA-32

ATGACTCGGTTATGCAGAGAGATGGCGGCAATCAGAGGATCCGTAGTCGCTCTGA
GCACTGTTTTCTTCTATTATGTGCGGCAACTGTGGCAAGTGCTGCTGCTGCATGG
GCCGTCACCGACTGGACTGATGCGCATGCAACATTCTACGGCGGTCAAGACGCTT
CGGGCACGATGGGTGGTGCCTGCGGATACGGGAACCTTTACTCAAGGGGCTACG
GAACTGCCTCGACTGCTCTCAGCAACGCATTGTTCAATTCTGGTCTTAGCTGCGGA
GCTTGCTTTGAAATCATTGCAAGCTGAGCGAGACCAAGTGGTGCTACACCGGAG
GCAAGAGCATAGTGGTGACAGCAACGAACCAGTGCCCGCAGGGTTCCGAAGGAG
GATGGTGTGATTACCCAGGTCCCCTTTGATCTGTCATTCCCGATGTTCCAGTCC
CTTGCGCAAGCAGTTGGAGGAGTCATCCAGTTCAGTACCGCAGAGTGTCATGCT
CACGCTCCGGAGGAATTCGCTTCACTATCAACGGAAACGCCTACTTCAACCTGGT
CCTGGTGACGAACGTCGGCGGCAAGGGAGACGTGGCGGCTCTGTGGATGAGGGG
AAGCAACACCGACTGGCAGCCCATGAAGCAGAATTGGGGTCAGAACTGGCAATG
CGACACCAAGCTGGTGGGTCAGGCGCTCTTTCAAAGCTATGCTGGGAAGTGGA
GAGACCAAAGAATTCTACAACGTAGCTGATTCCAACCTGGCTCTTCGATCAGACCT
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Nucleotide

>MpoEXPA-32

TTGAATTTTGGTGCCAATCTTAGGTCTGCGAATGTAGTACTGTGCCCATTTGTGCTC
GTAAGTCTATGAGCATTCAACGCTCACACAGTAGATTGCATGCCGTCTCTGTTAC
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AGTCCTTTGTCAATTTTCGCCAGTGGTTCAGTCACTCTCCACTGCTTTCAGGCTCCCT
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GGTCAAGACGCTTCGGGCACGATGGGTACGCATACTACCAGCCTCCACAGCTAAG
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