

IDENTIFICATION

Species: *Marchantia polymorpha*

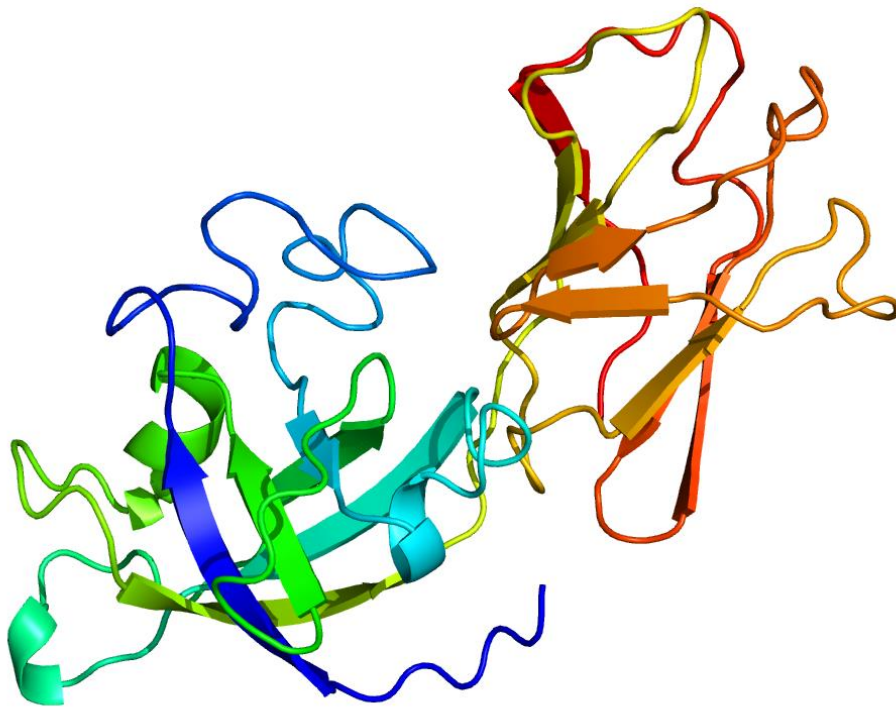
Locus: Mapoly0024s0046

Gene Model: Mapoly0024s0046.1.p

Description: MpoEXPA-08

Family: Alpha Expansin

3D structure:



GENOME DATABASES

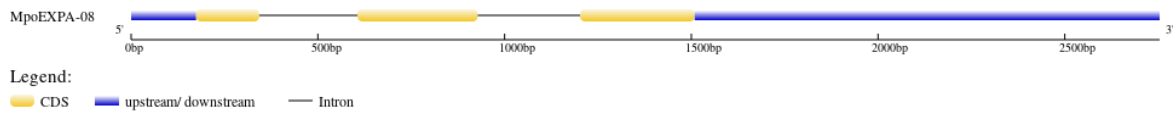
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

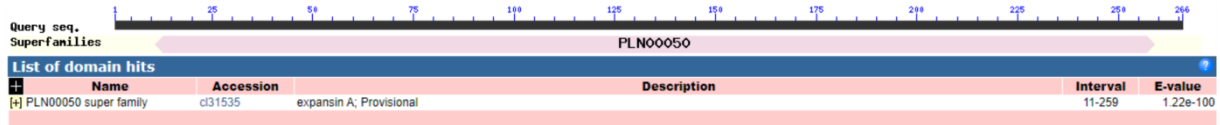
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-08

MDSVRIMMVRDLLNFKVLVLLIFASTYVSAGPVYANTKWTDSHATFYGGNNAQGT
MGGACGYGNMYSRGYGLETTALSSTLFNKGLTCGACFEIKCKVADTRWCFPKAGSI
KVTATNLCPANPARPTNNGGWCNPPRTHFDLSYPMFTRLAKAVGGIIPVQFRRVPCV
KVGIRFVMNGNPWFNLVLYNVAGGGNVVNMQMKGSKTNWFTMRQNWGQNW
ELKQKLGQSSIFRMTLGNKVMIANNVAPANWNFQQTFFESDSNF*

CDS (coding sequence)

>MpoEXPA-08

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CCTCCTCATATTTGCATCCACGTACGTACGTGCCGGACCTGTATACGCTAACACCA
AATGGACGGACTCCCATGCGACGTTCTACGGTGGAAATAATGCTCAAGGAACGA
TGGGAGGCGCATGCGGATATGGAAATATGTA CTCCAGAGGTTATGGTCTGGAGA
CCACGGCCTTGAGCTCGACTCTCTTCAACAAAGGGCTTACTTGTGGCGCCTGCTTC
GAAATCAAGTGCAAGGTGGCTGACACCAGATGGTGCTTTCCCAAGGCTGGTTCCA
TCAAGGTCACTGCCACAAACCTCTGCCCTGCAAATCCTGCGAGACCCACCAACAA
TGGCGGGTGGTGCAACCCGCCAGGACTCATTTCGATCTGTCGTATCCGATGTTT
ACTCGCCTGGCCAAAGCAGTGGGAGGCATCATCCCCGTGCAGTTTCGGAGAGTAC
CATGTGTGAAGGTTGGAGGAATACGTTTTGTCATGAATGGCAATCCATGGTTCAA
CCTCGTGCTAGTTTACAATGTGGCTGGAGGTGGAAATGTGGTGAACATGCAGATG
AAAGGTTCCAAAACCAACTGGTTCACGATGAGGCAGAATTGGGGACAGA ACTGG
GAACTCAAGCAGAAGCTGAAGGGACAATCCATATCGTTTCGGATGACGCTTGGC
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Nucleotide

>MpoEXPA-08

CGGTTCAATTTCTGAGTACTCTCTTCGTACTCTTCTAGCTCGGTTTGCTACGTAAGTT
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