

IDENTIFICATION

Species: *Marchantia polymorpha*

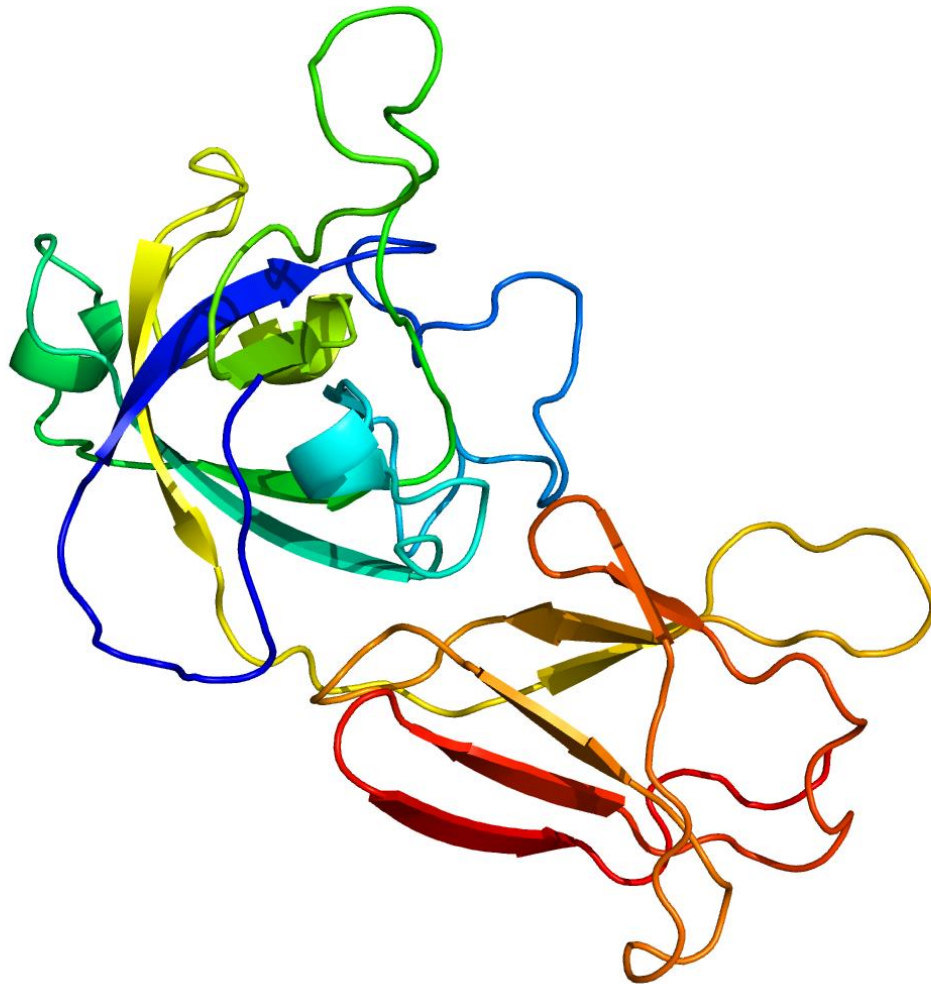
Locus: Mapoly0178s0007

Gene Model: Mapoly0178s0007.1.p

Description: MpoEXPA-37

Family: Alpha Expansin

3D structure:



GENOME DATABASES

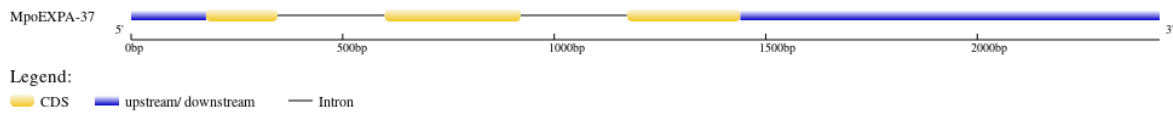
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

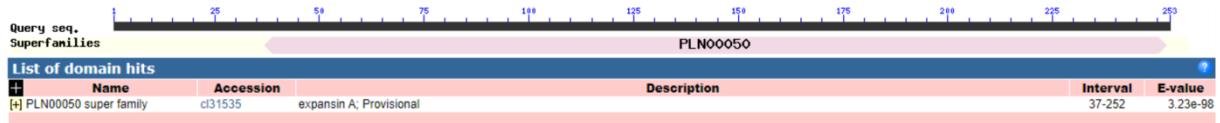
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-37

MDSVRLMMVRHLLNFKVLVLLIFASKAVSAGPVYANTKWTDSHATFYGGNNAOQT
MGGACGYGNMYSRGYGLETTALSSTLFNKGLTCGACFEIKCKLADSRWCFCPKAGSI
KVTATNLCPANPARPTNNGGWCNPPRTHFDLSYPMFTRLAKAVGGIIPVQFRRVPCV
KVGIRFVMNGNPWFNLVLYNVAGAGNVVNMQMKGSKTNWFTMRQNWGQNW
ELKQKLKGQISISFRVTLGNGKVIIANNVAPAN*

CDS (coding sequence)

>MpoEXPA-37

ATGGACAGTGTCAGACTTATGATGGTTCGTCATCTGCTTAACTTCAAGGTTCTGGT
GCTCCTCATATTTGCATCCAAGGCCGTCAGTGCCGGACCTGTATACGCAAACACC
AAATGGACGGACTCCCATGCGACGTTCTACGGTGGAAATAACGCTCAAGGAACG
ATGGGAGGCGCATGCGGATATGGAAATATGTACTCCAGAGGCTATGGTCTGGAG
ACCACGGCCTTGAGCTCGACTCTCTTCAACAAAGGGCTTACTTGTGGCGCCTGCTT
CGAAATCAAGTGCAAGTTGGCAGACTCCAGATGGTGCTTTCCCAAGGCTGGTTCC
ATCAAGGTCACTGCGACGAACCTCTGCCCTGCAAATCCTGCGAGGCCACCAACA
ATGGCGGATGGTGCAACCCGCCAGGACTCATTTCGATCTGTTCGTATCCGATGTT
TACTCGCCTGGCCAAAGCAGTGGGAGGCATCATCCCGTGCAGTTTCGGAGAGTA
CCATGTGTGAAGGTTGGAGGCATACGTTTTGTCATGAACGGCAATCCATGGTTCA
ACCTCGTGCTCGTTTACAATGTGGCTGGAGCTGGAAATGTGGTGAACATGCAGAT
GAAAGGTTCCAAGACCAACTGGTTCACAATGAGGCAGAATTGGGGACAGAACTG
GAACTCAAGCAGAAGCTGAAGGGACAATCTATATCATTCCGGGTGACGCTTGG
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Nucleotide

>MpoEXPA-37

CCGGTTCATTTCTGAGTACTCTCCTCATACTATTGTGGTTCAGTTTTTCTACGTAAG
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GCAGTGGGAGGCATCATCCCCGTGCAGTTTCGGAGGTGATCATCTTCTCACTAAA
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