

IDENTIFICATION

Species: *Marchantia polymorpha*

Locus: Mapoly0137s0021

Gene Model: Mapoly0137s0021.1.p

Description: MpoEXPA-35

Family: Alpha Expansin

3D structure:



GENOME DATABASES

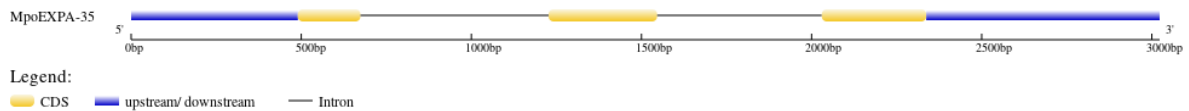
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

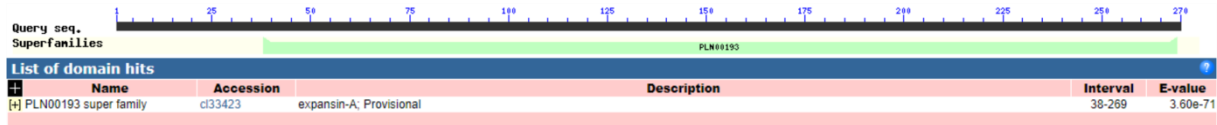
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-35

MTTMIMKGSVGVFVATLFA SILLILNNGELTKAYDPYAVATTSWMSAKATFYGGQD
ASGTMNGGCGYANPFTLGYGAQTAALSNA LFNKGLTCGACFEIKCAITATAYAKQW
CYANSPSIYITATNLCPQGSYGGWCNGANLHFDLAYAAFTKLARENAGVIPVNYRRT
PCKKSGGIKFQLNGNTYWNLVLIYNVGGGGNVAAAIAIKGSRSNFYTMNQNWGMN
WESYSNLV GQALTFKITLGNRSATFYNVAPAGWRFQTYQAAYNF*

CDS (coding sequence)

>MpoEXPA-35

ATGACAACAATGATCATGAAAGGATCCGGAGTGGGTTTCGTTGCCACTCTGTTCG
CATCGATTCTGTTGATTTTGAACAATGGTGAGCTTACGAAGGCTTACGATCCTTAT
GCTGTGGCAACCACCTCATGGATGTCAGCTAAAGCAACCTTCTACGGAGGACAGG
ACGCTTCGGGCACTATGAACGGAGGATGCGGTTATGCTAACCCATTCCTCTGGG
CTACGGGGCTCAGACTGCAGCTCTGAGCAATGCCCTGTTCAACAAAGGATTGACT
TGTGGAGCTTGCTTCGAAATCAAGTGCGCAATCACCGCAACAGCCTACGCCAAGC
AGTGGTGCTATGCGAACAGTCCTTCCATCTACATTACCGCTACCAACTTGTGCCCA
CAAGTTCTTATGGGGGCTGGTGTAAATGGAGCAAACCTGCATTTTGATCTGGCAT
ACGCGGCTTTCACTAAGCTCGCCAGGGAAAATGCAGGTGTCATCCCGTCAATTA
CCGCAGGACGCCATGCAAAAAGTCTGGAGGAATTAAGTTCCAGCTGAACGGAAA
CACTTACTGGAATTTGGTTCTGATCTACAACGTCGGAGGCGGAGGAAACGTCGCT
GCTGCGGCGATCAAGGGATCCAGATCCAACCTTCTATACCATGAACCAGAACTGGG
GCATGAACTGGGAGTCTTACTCCAACCTGGTGGGTCAGGCTCTGACCTTCAAAT
CACGCTGGGCAACGGCAGAAGTGCGACTTTCTACAACGTCGCGCCTGCAGGCTGG
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Nucleotide

>MpoEXPA-35

TCCATATCACAGATCTAGCATTAAAGGATCATTTGGGAGGGGGGCGACCTTCCGTT
TTGTTGTCTTACAGCTTCGGCTTACGAGGGCTTGCTGGTTCAGTTTCTCATATAAG
GTA CTGGAAAAGTCAGTTCCTGTTGCAATCGACAGCTTGGTGCAGAGTGATAGTG
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TCTTGGTGTGCCTAGTCGTA AATTGGCTGCAGAGATTTTCTGAGTGCATGAGCAA
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