

IDENTIFICATION

Species: *Marchantia polymorpha*

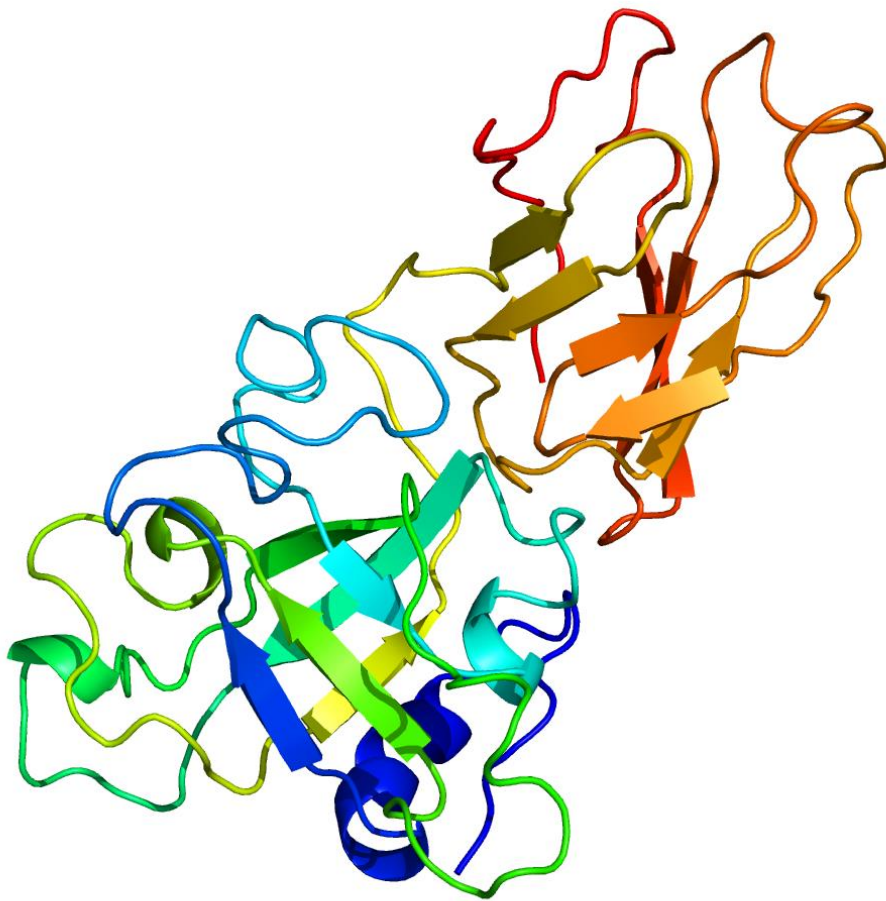
Locus: Mapoly0006s0158

Gene Model: Mapoly0006s0158.1.p

Description: MpoEXPA-02

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

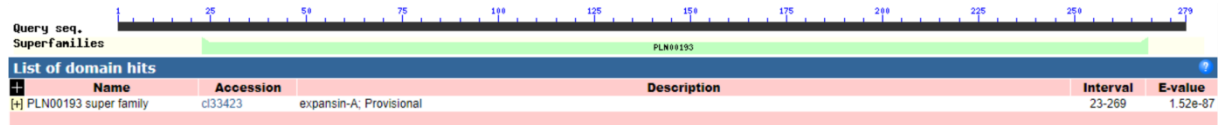
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-02

METMTTRCSWAAPRHPTRVWEVLLIAVMTCVFRTAQVATAQNPWEVTEFTRGARA
TYYGGNDASGTLGGACGYGNLFENGYGVETTALSTALFNDGLTCGGCFQIQCIASES
DWCLANGTVSITVTATNFCPPGSFGGWCDPPQPHFDLSYPMFATLAQPVGGVIPVQY
RRVSLKQGGVRFQINGNNWFFLVLVMNVAGAGDVQAVAIKGRSEWISMQRNWG
QNWASDGPPELVGQALSFRVTLGLTKETLDFIDVAPADWQFGQTFEDDSGLNFK*

CDS (coding sequence)

>MpoEXPA-02

ATGGAACAATGACCACGCGCTGCTCTTGGGCTGCTCCTCGGCATCCAACCTCGAG
TTTGGGAAGTCCTCTTAATTGCAGTTATGACCTGCGTCTTCAGAACTGCGCAAGTG
GCAACTGCTCAAATCCATGGGAAGTAACGGAGTTTACGAGGGGTGCTCGCGCT
ACATATTACGGTGGAAACGACGCCTCCGGCACCTTAGGTGGTGCCTGCGGATATG
GTAATCTCTTCGAAAATGGCTACGGGGTGGAGACGACGGCTCTGAGCACCGCGCT
CTTCAACGATGGGCTCACCTGCGGAGGCTGCTTTCAGATACAATGCATAGCTTCC
GAGAGCGACTGGTGCCTGGCGAATGGAACCGTGAGCATCACTGTCACCGCCACC
AATTTCTGCCCCCGGGATCCTTTGGAGGCTGGTGCGACCCTCCTCAGCCGATTT
CGACCTCTCCTACCCCATGTTTCGCTACCCTCGCGCAGCCCGTCGGCGGAGTCATTC
CCGTCCAGTACAGGAGGGTGTTCGTGCTTCAAACAAGGAGGGGTGCGCTTCCAAA
TCAACGGGAATAATTGGTCTTCTCCTGGTGTGGTGAATGTGGCGGGGGCCGG
AGACGTGCAGGCAGTGGCGATTAAGGGACGAGATCCGAGTGGATCTCCATGCA
ACGAAACTGGGGTCAGAATTGGGCATCAGACGGACCCCAAGAACTCGTCGGCCA
AGCTCTGAGCTTCCGTGTCACCTCTGGGACTGACCAAAGAGACCTTGGACTTTATC
GATGTGGCACCGGCAGATTGGCAGTTCGGGCAAACCTTTCGAAGACGATTCAGGCC
TCAACTTTAAATAA

Nucleotide

>MpoEXPA-02

GACATCACAAATCACGCAAAGTAGTTCACGACACAATAGTATTCTCCTGAATTGC
TGTTTGTGGCTGCTGATTCCACATACAATCCAAACTCCACATATATTTGTAATAA
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TTGAGCATTACTCAACTTGCGACGGAATTTTTGGTACATTTGCTCTTGTTAGCTG
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GCAACGAACTGGGGTCAGAATTGGGCATCAGACGGACCCCCAGAACTCGTCGG
CCAAGCTCTGAGCTTCCGTGTCCTCTGGGACTGACCAAAGAGACCTTGGACTTT
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