

IDENTIFICATION

Species: *Marchantia polymorpha*

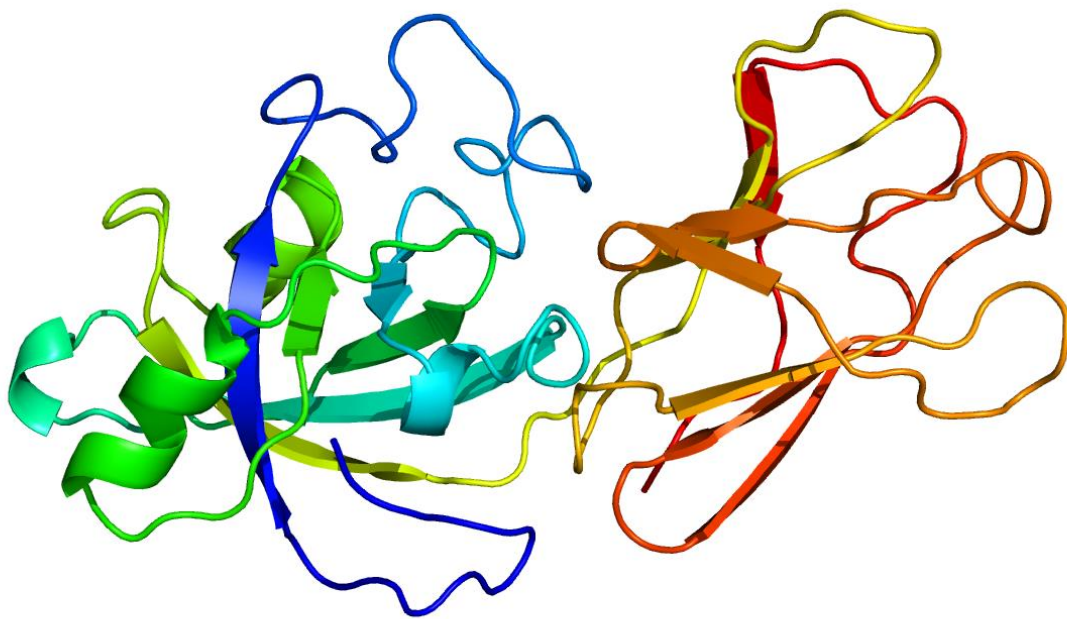
Locus: Mapoly0022s0142

Gene Model: Mapoly0022s0142.1.p

Description: MpoEXPA-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

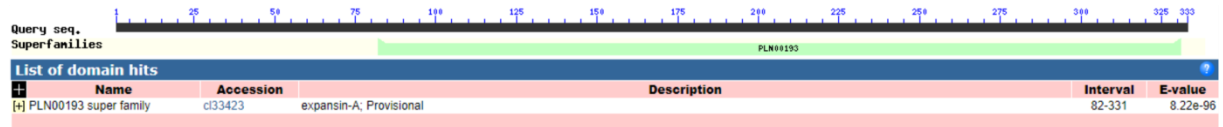
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-06

MCVLTARPYKASSAPLPQWTRFLIALNCF LDSHTTIFPLVRS GPAPAISDQCRRQLQHE
MQR RMGSVNVAIPAQALHHLVRS LVLSFLIFGTSTALVSAASAWAVTDWADAHATF
YGGQDASGTMGGACGYGNLYSTAYGTASTALSNALFN NGLSCGACFQIMCKLDGS
KYCYTGGKSITVTATNACPPGSEGGWCDPPKAHFDLSYPMFQQ LAEPVGGVIPVQYK
RVSCQKNGGIRFTINGNAWFDLVLVTNVGGGGDIAKLEMKGASTDWC PMSQNWGQ
NWQASGHP ELCGQTL SFRATLGDGRSQEFYDVAPSNWGF GQTFEANTNFL*

CDS (coding sequence)

>MpoEXPA-06

ATGTGCGTGTTGACGGCCAGGCCCTATAAAGCCTCCTCTGCGCCACTTCCTCAAT
GGACCAGATTTCTCATCGCTCTAAATTGCTTCTAGATTCGCACACTACCATCTTT
CCACTGGTCCGGTCTGGACCTGCGCCAGCAATCTCTGACCAGTGTCGTCGGCAGC
TGCAGCACGAGATGCAGAGAAGGATGGGGTCAGTTAACGTGGCAATTCGGGCGC
AAGCGCTTCATCATCTGGTTCGATCGCTCGTGCTCTCTTTCCTCATCTTCGGCACC
TCAACAGCTTTAGTTAGCGCTGCGAGCGCCTGGGCCGTCACCGACTGGGCCGATG
CCCACGCGACATTCTATGGCGGGCAAGATGCATCCGGCACAATGGGAGGAGCTT
GCGGATACGGTAACCTCTACTCCACCGCTTACGGAACAGCTTCCACAGCTCTGAG
CAATGCGCTTTTCAACAACGGGCTGAGCTGCGGGGCGTGCTTCCAGATCATGTGC
AAATTAGACGGGAGCAAGTACTGCTACACGGGAGGCAAGAGCATCACCGTCACA
GCCACCAACGCCTGCCCCCGGGCTCCGAGGGCGGATGGTGCGATCCCCGAAG
GCCACTTCGATCTTTCGTACCCGATGTTCCAGCAATTGGCCGAGCCCGTCGGTG
GAGTCATCCCCGTGCAGTACAAGAGGGTGTCTGTCGCCAGAAGAACGGCGGCATCC
GGTTCACCATCAACGGAAACGCGTGGTTCGATCTGGTGCTGGTGACGAACGTCGG
AGGCGGCGGAGACATCGCCAAGCTCGAAATGAAAGGGGCCAGCACCGACTGGTG
CCCGATGAGTCAGA ACTGGGGTCAGAATTGGCAAGCCAGCGGCCATCCGGAATT
GTGCGGGCAGACTCTGAGTTTCAGAGCCACTCTCGGCGATGGACGATCTCAGGAA
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CCAATTTCTCTGA

Nucleotide

>MpoEXPA-06

AAGAAAGCAAGAAACGTAATCGAATGTTCTTGGCGTCACCGAGAATTCAACAGA
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GGCGGCACTCCGCACAGCGGTGCCGACGCTTGGTTTTGAG