

IDENTIFICATION

Species: *Marchantia polymorpha*

Locus: Mapoly0085s0061

Gene Model: Mapoly0085s0061.1.p

Description: MpoEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

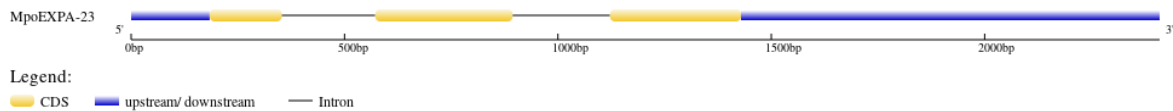
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mpolymorpha_v3_1

KEGG:-

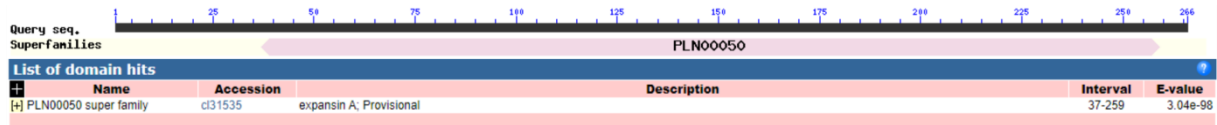
EXTERNAL RESOURCES

<https://marchantia.info/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MpoEXPA-23

MDSIRIMMARDLLKFKFLVLLICASASINAAPVYTNTKWTD SHATFYGGNNAQGTMGACGYGNMYSRGYGLETTALSSTLFNKGLTCGACFEIKCKVADTRWCYANAGSIKVTATNLCPANPARPTNNGGWCNPPRTHFDLSYPMFTRLAKAVGGIIPVQFRRVPCVKVGGIRFVMNGNPWFNLVLVYNVAGAGNVVNMQMKGSKTNWFTMKQNWGWQNWELKQKLGQSISFRVTLGNGKVMIANNVAPANWNFQQTFESDNNF*

CDS (coding sequence)

>MpoEXPA-23

ATGGACAGTATCAGAATCATGATGGCCCGTGATCTGCTAAAGTTCAAGTTCCTGGTGCTGCTCATATGTGCATCCGCATCCATCAATGCTGCACCTGTATACACCAACACCAAATGGACGGACTCACATGCGACATTCTACGGTGGAAATAATGCTCAAGGAACAATGGGAGGCGCATGCGGATATGGAAACATGTATTCCAGAGGTTATGGTCTAGAGACCACGGCCTTGAGCTCAACTCTCTTCAACAAGGGTCTAACTTGTGGAGCCTGCTTTGAAATCAAGTGCAAGGTGGCCGACACCAGATGGTGCTATGCAAATGCTGGATCTATCAAGGTTACTGCGACAAACCTCTGCCCTGCAAATCCCGCTAGACCCACCAACAATGGCGGATGGTGCAACCCGCCAGGACTCACTTCGATCTGTTCGTACCCGATGTTCACTCGCCTGGCCAAAGCAGTGGGAGGCATCATCCCGTCCAGTTTCGAAGAGTACCATGTGTGAAGGTTGGCGGAATTCGTTTTGTTATGAACGGCAATCCGTGGTTC AACCTCGTGCTCGTTTTACAATGTGGCCGGAGCTGGAAATGTGGTGAACATGCAGATGAAAGGTTCCAAAACCAACTGGTTCACGATGAAGCAGAATTGGGGACAGAAGTGGGAAGTCAAGCAGAAGCTGAAGGGACAGTCCATATCGTTCCGGGTGACGCTTGCAATGGAAAAGTGATGATTGCCAACACGTGGCCCCAGCAAACCTGGAAGTCC AACAACTTTTGAATCCGATAACAACCTTTTAG

Nucleotide

>MpoEXPA-23

GCCTCCGGTTCGTTTCTAAGTTCTCTCTTCGTACTCGTCTGGCTCGATCTGTTACGT AAGTTCTTTGACATATAGCGAGCGTTGACATGAAATTGAGCTTGGAAACCTTATC AAGTTTATGATGATTTATGATGTGAGGCCCTCACTCGCTGACAAAACCTTTTGCTC TTGAATATTCCAGAAAATGGACAGTATCAGAATCATGATGGCCCGTGATCTGCTA AAGTTCAAGTTCCTGGTGCTGCTCATATGTGCATCCGCATCCATCAATGCTGCACC TGTATACACCAACACCAAATGGACGGACTCACATGCGACATTCTACGGTGGAAAT AATGCTCAAGGAACAATGGGTGCGTTCTAGCTTCCTCACATTAACACCATTAGCA

TGAGTGCTGATTTGCAAATATTTGAACCCCTATAACTCTGCATGTCATCCTGATTA
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