

IDENTIFICATION

Species: *Physcomitrium patens*

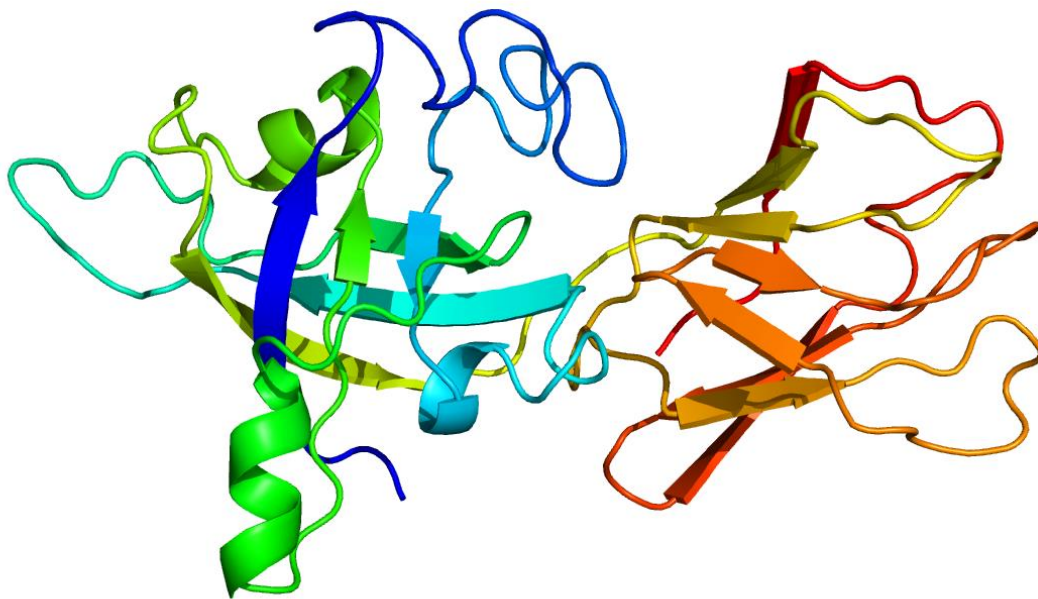
Locus: Pp3c8_13470V3

Gene Model: Pp3c8_13470V3.3.p

Description: PpEXPA-14

Family: Alpha Expansin

3D structure:



GENOME DATABASES

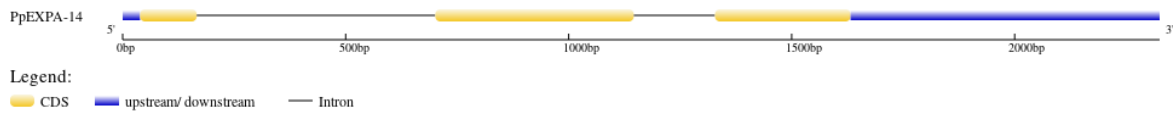
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppatens_v3_3

KEGG: <https://www.genome.jp/entry/gn:T01041>

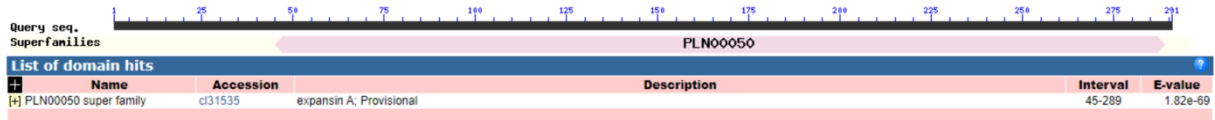
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PpEXPA-14

MVASGYSFEREAGEGIRGVGTACAATKRQADKTIRPHLSKTVMKMSNLKLVVLFLLGLTTVIAAPRGWGDAHITYYGSPNGAGTEGGACGYQNTYKLGYGSMATAALSSRLFQGGKACGGCYQLRCAPNRGRNWCWSYARAIVVTATNLCPQGGSHGGWCDYPKSHFDLPMPAFTSLARREGGVAPVWYRKVRC AKRGGV RFTIGGNPWFLMVLIHNVGGAGDVVSVKVKCPYTGWVSA YRNWGLWTVR TKMTG PLSFTLVTSDGRTL YSMNAVRNGWKFGQTWEQSQR*

CDS (coding sequence)

>PpEXPA-14

ATGGTGGCATCGGGATATTCCTTCGAGAGGGAGGCAGGAGAGGGAATCCGCGGTGTGGGCACAGCCTGCGCAGCAACCAAGCGGCAAGCGGACAAAACCATTCGCCACATCTGAGCAAGACAGTCATGAAGATGTCCAACCTGAAGCTCGTTGTGCTGTTTCTTGCGCTGGGTCTGACCACGGTGATCGCGGCGCCGCGGGGTTGGGGTGATGCTCATATCACGTA CTATGGCTCTCCAACGGCGCTGGAACGGAGGGCGGCGCCTGCGGGTACCAGAATACTACAAGCTGGGGTATGGGTCAATGACTGCCGCGTTGAGCTCTGTCTATTCCAGGGCGGGAAGGCGTGCGGCGGATGTTACCAGCTGAGGTGCGCACCAAATCGTGGCAGGA ACTGGTGCTGGAGTTACGCCAGGGCCATTGTGGT GACTGCACCAACCTGTGCCCGCAGGGTTCGCATGGTGGGTGGT GCGATTATCCAAGTCGCACTTCGACTTGCCGATGCCCGCTTCACTAGCCTTGCGCGGCGCGAAGGAGGTGTTGCCCCAGTGTGGTACAGGAAGGTCCGGTGTGCGAAGCGCGGTGGGGTGCGGTT CACCATTGGAGGCAACCCATGGTTCTTGATGGTGCTGATTCACAACGTGGGCGGAGCAGGGGATGTGGTGTGCGGTGAAGGTCAAGTGCCATACACGGGATGGGTATCAGCGTACCGGA ACTGGGGATGCCTGTGGACGGTGAGGACGAAGATGACGGGACCGCTGTCTTTCACGTTGGTGACGAGCGATGGGCGAACGCTGTACTCGATGAATGCAGTACGGAACGGATGGAAATTTGGGCAGACGTGGGAGGGCAGCCAGTTCAGATGA

Nucleotide

>PpEXPA-14

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