IDENTIFICATION

Species: *Physcomitrium patens*

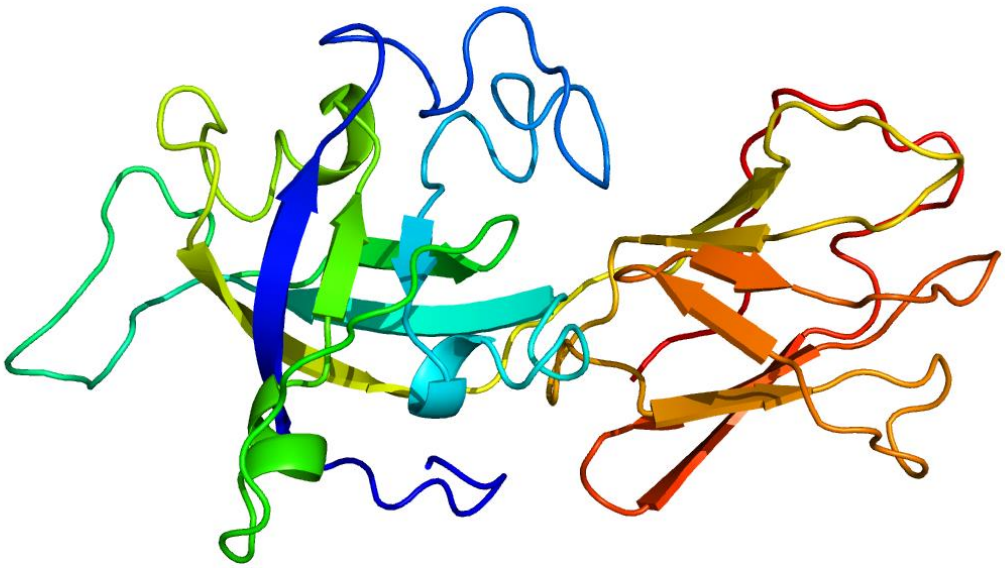
Locus: Pp3c7_12810V3

Gene Model: Pp3c7_12810V3.1.p

Description: PpEXPA-03

Family: Alpha Expansin

3D structure:



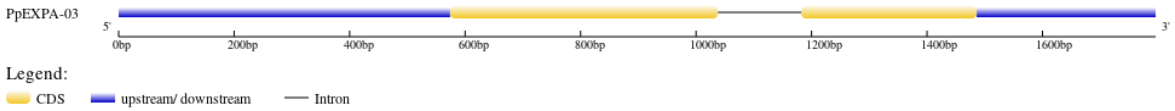
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppatens_v3_3
KEGG: https://www.genome.jp/entry/gn:T01041

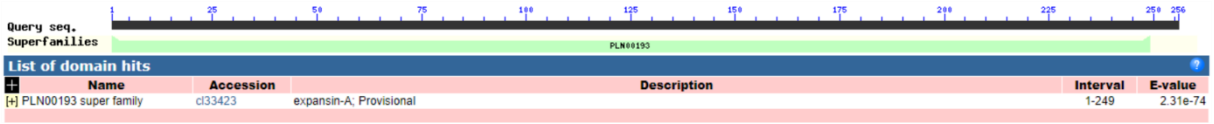
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PpEXPA-03

MSGLTRVEVTFVMFVATLVIPSVLGMPVGWRDAHITYYGSPNGGGTQGGACAYQNT
FSLGYGAMTAALSSPLFEGGAACGACYQLQCKRVQETRTVKNWCWSYSRTITITAT
NLCPPGSAGAWCDPPRHHFDLTMPAFLTLARREGGVAPVLYRRVKCVKRGGIRFTIG
GNPWFLMILIHNVAGAGDVRAVRIKTPSTDWIPMYRNWGALWTVQRKLSGPLSFQIT
AGDRRQITINSAVGNAWKFGQTWEGHNFR*

CDS (coding sequence)

>PpEXPA-03

ATGAGCGGCCTAACTCGTGTGGAGGTCACTTTTGTCATGTTTGTTGCTACGCTGGT
TATACCGTCGGTGCTTGGAATGCCGGTTGGATGGCGCGATGCGCACATCACCTAT
TACGGGTCACCTAACGGTGGAGGAACACAGGGTGGCGCTTGCGCGTATCAGAAC
ACATTCTCGCTGGGCTACGGTGCCATGACTGCGGCGTTGAGCTCGCCTTTGTTTGA
GGGTGGAGCGGCTTGTGGGGCTTGCTACCAGCTTCAGTGCAAACGAGTGCAAGA
AACCCGTACTGTGAAGAACTGGTGCTGGAGTTATTCTCGAACCATCACCATCACT
GCCACTAACCTCTGTCCACCAGGCTCTGCCGGGGCGTGGTGCGACCCTCCAAGGC
ACCATTTCGACTTGACAATGCCTGCCTTCCTAACCCTGGCGAGACGTGAAGGTGG
TGTGGCTCCAGTGCTATACAGAAGGGTTAAATGTGTCAAACGCGGTGGAATTCGG
TTCACCATAGGAGGCAATCCTTGGTTTCTGATGATCCTCATCCACAACGTCGCTGG
CGCAGGCGATGTAAGGGCCGTTAGAATCAAGACCCCGTCCACTGACTGGATTCCC
ATGTACCGCAACTGGGGTGCGTTGTGGACAGTACAAAGGAAACTCAGCGGGCCC
CTCTCATTTCAGATCACTGCCGGCGACCGCCGTCAAATCACCATCAACAGTGCAG
TAGGCAATGCATGGAAGTTTGGACAAACCTGGGAGGGCCACAACTTCCGCTGA

Nucleotide

>PpEXPA-03

GGCACAGATTTCGATACTGTGGCTCCTTCGTCTGCGCAGTCAAGCGTAGCGTTCA
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TCTTGTAACTGTTGCTTGTCTCGTGACTGTTACAGCAGTGTTGAGGATTCAATCCG
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ATGCCAGGACTTTGGTGTGGCTAACTATTGTCACACATTGGGTCGAATCTTAACTT
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CGCTTGCGCGTATCAGAACACATTCTCGCTGGGCTACGGTGCCATGACTGCGGCG
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CGAACCATCACCATCACTGCCACTAACCTCTGTCCACCAGGCTCTGCCGGGGCGT
GGTGCGACCCTCCAAGGCACCATTTCGACTTGACAATGCCTGCCTTCCTAACCCT
GGCGAGACGTGAAGGTGGTGTGGCTCCAGTGCTATACAGAAGGTACATTACCGC
GCTTTTGCCAATCTATGGTGTTGGTCTGGTGCAGAATCTTAGAATTTTGTGCACAT
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