

IDENTIFICATION

Species: *Physcomitrium patens*

Locus: Pp3c22_17770V3

Gene Model: Pp3c22_17770V3.3.p

Description: PpEXPB-07

Family: Beta Expansin

3D structure:



GENOME DATABASES

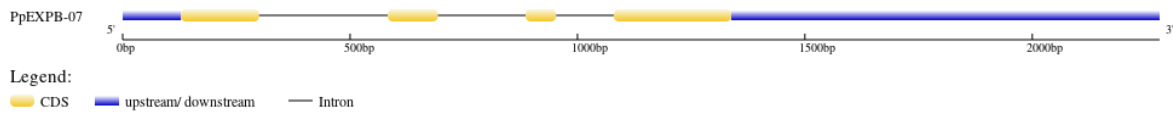
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppatens_v3_3

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

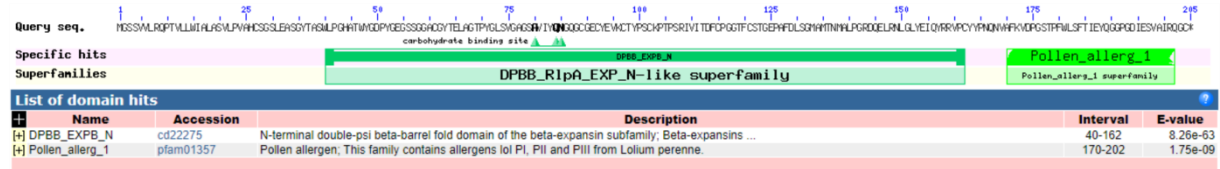
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PpEXPB-07

MGSSVLRQPTVLLWIALASVLPVAHCSGSLEASGYTASWLPGHATWYGDYPYGE
 SGGACGYTELAGTPYGLSVGAGSAVIYQNGQCGECYEVKCTYPSCKPTPSRIVITDF
 CPGGTFCSTGEPAFDLSGMAMTNMALPGRDQELRNGLGLYEIQYRRVPCYYPNQVA
 FKVDPGSTPFWLSFTIEYQGGPGDIESVAIRQGC*

CDS (coding sequence)

>PpEXPB-07

ATGGGATCCTCAGTGGTTCTTCGCCAACCCACTGTGCTGCTGTGGATAGCCCTTGC
 GAGTGTGCTTCCAGTTGCTCACTGCAGCGGCTCCCTGGAGGCCAGCGGGTACACC
 GCTTCCCTGGCTCCCTGGACATGCAACTTGGTATGGGGATCCATATGGAGAGGGCT
 CAAGCGGAGGAGCTTGTGGCTACACAGAGCTCGCAGGTA CTCCGTATGGTTTGAG
 TGTGGGTGCGGGAAGTGCTGTCACTACCAGAATGGCCAAGGGTGC GGCGAATG
 CTACGAAGTTAAGTGCACGTACCCATCTTGCAAGCCGACGCCAGTAGAATTGTT
 ATTACTGATTTTTGTCCAGGAGGAACGTTTTGCAGCACAGGCGAACCAGCATTG
 ATCTCAGTGGCATGGCCATGACAAACATGGCTCTTCCTGGCAGGGACCAGGAGTT
 ACGTAACTTGGGCTTGTACGAGATTCAATACAGAAGAGTGCCCTGTTATTATCCA
 AACCAGAACGTCGCTTTTAAAGTAGACCCCGGGTCCACCCCGTTTTGGCTTTCGTT
 CACCATTGAATACCAAGGAGGACCAGGAGACATTGAAAGCGTTCGCTATAAGACA
 GGGGTGCTAA

Nucleotide

>PpEXPB-07

GTACAAAAGCAGTTATTGCGGTTAGTAGGAGACTGGTCCTGCATTGCATGGGGAT
 GCTTGGACTGGTCGAATAGACGTTGCGGTCTGTGTGGAGCTACCCACATTTTCTG
 CAGCACTTGTGACCAAGGATGGGATCCTCAGTGGTTCTTCGCCAACCCACTGTGC
 TGCTGTGGATAGCCCTTGCAGAGTGTGCTTCCAGTTGCTCACTGCAGCGGCTCCCTG
 GAGGCCAGCGGGTACACCGCTTCCCTGGCTCCCTGGACATGCAACTTGGTATGGGG
 ATCCATATGGAGAGGGCTCAAGCGGTACCACACTCGATAATCACTCATTCTTGCA
 TTGAAATTGCCTGTAACCTCTAAATTGTCTGTATTATCTAAATTGCATAAATATAGA

TATATATGTATATATATATATATATCATCTGCTAGACAATTCTGATAGTACATATCGT
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CTTTCAACAATGTCTATTGGTGTGGTTACCGTAGAGAATCTTCTTTCTTTGGACTT
ATCACTTGATGACTGTTGACATTGTTTCAGGAGGAGCTTGTGGCTACACAGAGCT
CGCAGGTACTCCGTATGGTTTGAGTGTGGGTGCGGGAAGTGCTGTCATCTACCAG
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CTTGACAGATTAGTCCGTGTTTTACAGGAGGAACGTTTTTGCAGCACAGGGCGAAC
CAGCATTGATCTCAGTGGCATGGCCATGACAAACATGGCTCTTCCTGGCAGGGA
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TGAGCTTCATAACCAACATCGCGAAGGAGGTCTTTGAACACTGGATCAAGAGGTGT
GATAAAGTGCAGTC