

## IDENTIFICATION

**Species:** *Physcomitrium patens*

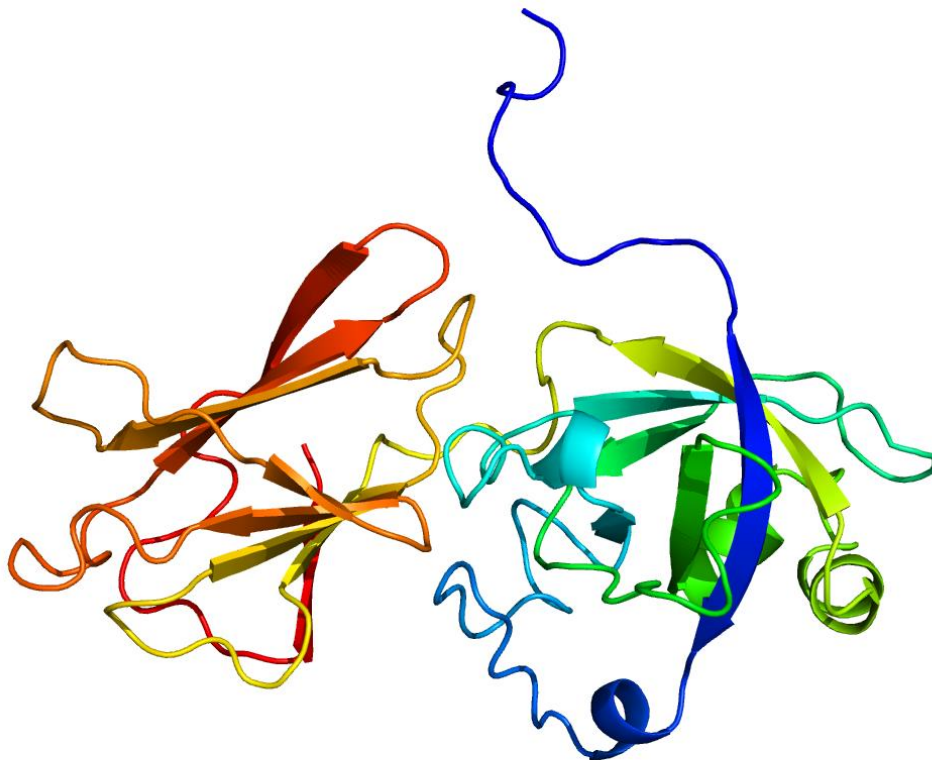
**Locus:** Pp3c22\_17770V3

**Gene Model:** Pp3c22\_17770V3.1.p

**Description:** PpEXPB-06

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

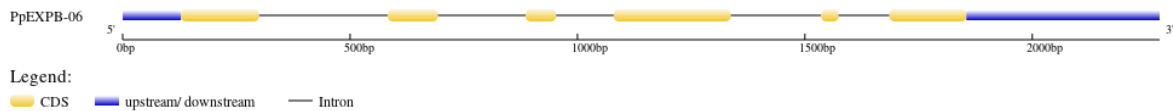
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Ppatens\\_v3\\_3](https://phytozome-next.jgi.doe.gov/info/Ppatens_v3_3)

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

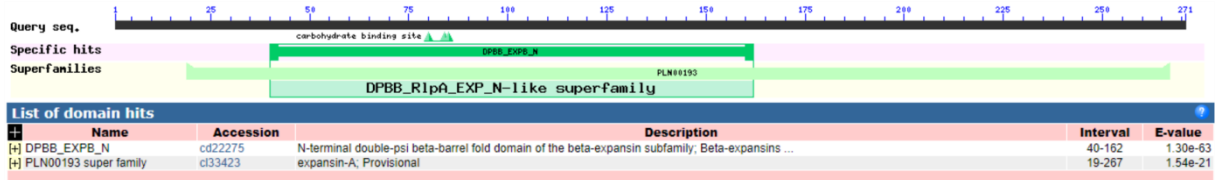
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PpEXPB-06

MGSSVVLQRPTVLLWIALASVLPVAHCSGSLEASGYTASWLPGHATWYGDYPYGEFS  
SGGACGYTELAGTPYGLSVGAGSAVIYQNGQCGECYEVKCTYPSCKPTPSRIVITDF  
CPGGTFCSTGEPAFDLSGMAMTNMALPGRDQELRNGLYEIQYRRVPCYYPNQNV  
FKVDPGSTPFWLSFTIEYQGGPGDIESVAIRQAGSSEFQQMQHNWGANMLICYSGK  
PFKGPYDVMITAKLNHVLIAQDAIPEYFQPGGIYESNVQLGY\*

### CDS (coding sequence)

>PpEXPB-06

ATGGGATCCTCAGTGGTTCTTCGCCAACCCACTGTGCTGCTGTGGATAGCCCTTGC  
GAGTGTGCTTCCAGTTGCTCACTGCAGCGGCTCCCTGGAGGCCAGCGGGTACACC  
GCTTCCTGGCTCCCTGGACATGCAACTTGGTATGGGGATCCATATGGAGAGGGCT  
CAAGCGGAGGAGCTTGTGGCTACACAGAGCTCGCAGGTACTCCGTATGGTTTGTAG  
TGTGGGTGCGGGAAGTGCTGTCATCTACCAGAATGGCCAAGGGTGC GGCGAATG  
CTACGAAGTTAAGTGCACGTACCCATCTTGCAAGCCGACGCCCAGTAGAATTGTT  
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ATCTCAGTGGCATGGCCATGACAAACATGGCTCTTCCTGGCAGGGACCAGGAGTT  
ACGTA ACTTGGGCTTGTACGAGATTCAATACAGAAGAGTGCCCTGTTATTATCCA  
AACCAGAACGTCGCTTTTAAAGTAGACCCCGGGTCCACCCCGTTTTGGCTTTCGTT  
CACCATTGAATACCAAGGAGGACCAGGAGACATTGAAAGCGTTCGCTATAAGACA  
GGCTGGTAGCTCTGAGTTCCAGCAGATGCAACACA ACTGGGGTGCTAATTACATG  
TTAATCTGCTACTCCGAAAGCCATTCAAGGGACCCTACGACGTGATGATCACTG  
CCAAATTGAACGGCCATGTCCTTATTGCCAGGATGCCATTCCGGAATACTTCCA  
ACCAGGAGGTATCTACGAGTCCAATGTGCAGCTAGGGTACTAG

### Nucleotide

>PpEXPB-06

GTACAAAAGCAGTTATTGCGGTTAGTAGGAGACTGGTCCTGCATTGCATGGGGAT  
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