

## IDENTIFICATION

**Species:** *Physcomitrium patens*

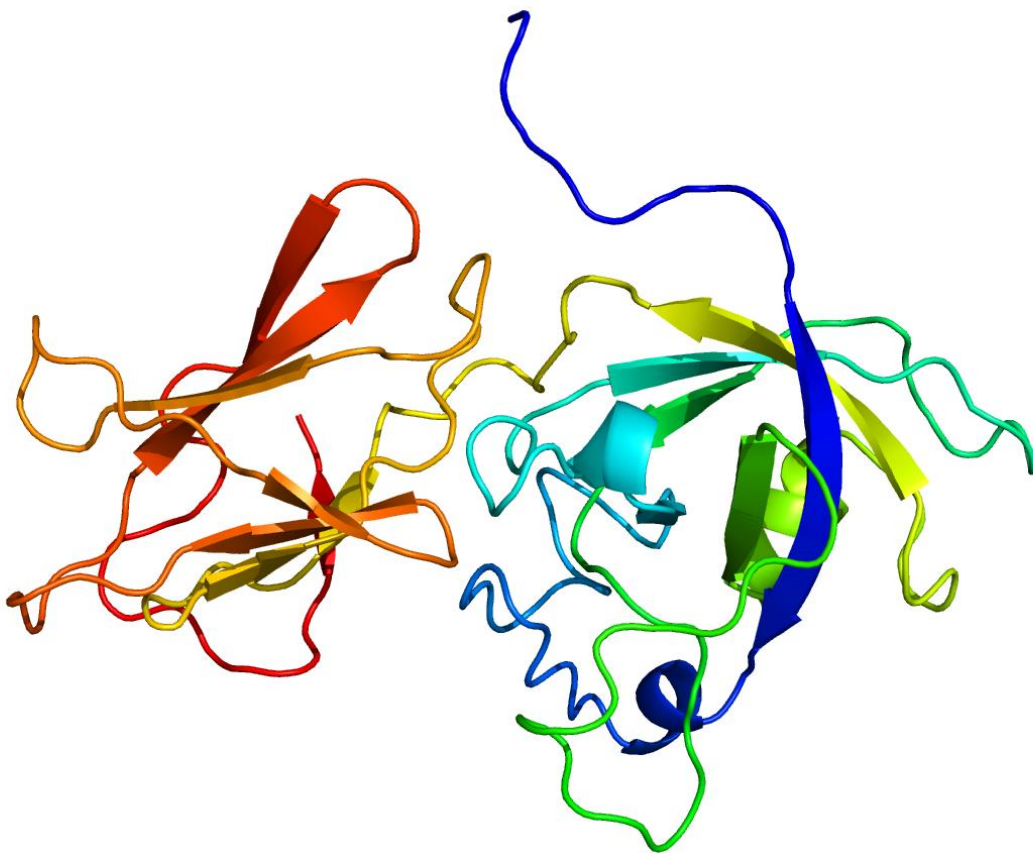
**Locus:** Pp3c8\_870V3

**Gene Model:** Pp3c8\_870V3.2.p

**Description:** PpEXPA-10

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

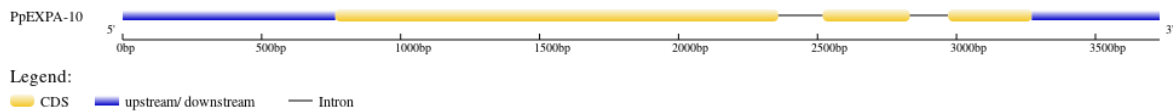
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Ppatens\\_v3\\_3](https://phytozome-next.jgi.doe.gov/info/Ppatens_v3_3)

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

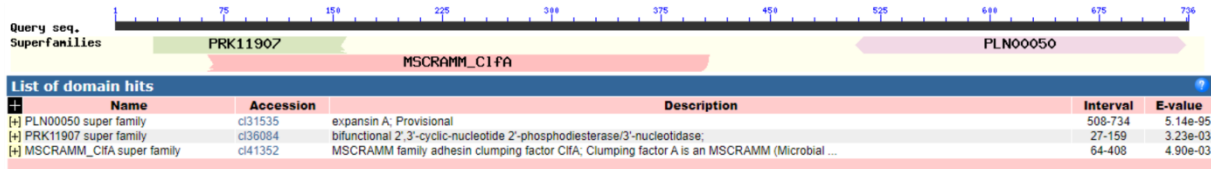
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PpEXPA-10

MVLMVSYFESRLTLLFLKLTKTVC PFRV T ARMAAMWV V ALLLVSGVLVHSEEIIQA  
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EDVPNTSMSPRESSVDGSSFGTAAENDGDTAASPSEEPTSDAPEVVFASDPSEQSGHLV  
PNMNITLDGSSGAAGDGSSFTTLFDDASDSNEGGVLTDINLDLGDGKQGFSTASLPD  
DQSEQGFDSFSVQGGGGDDSSQSGHLVEGLDINIDSDPSNSGSSSFSTNNVYPGEPDEFA  
SSGEGHLVPGMPTISEDEDGASFSQFQGTQPEAENDDAIFSSNDGTFDPSTTADTLAEG  
HLVPGMPTISVTDPSGDPNAKSFSSLSNDDMDLDP SLADNDFYAEQSNEFASSGEGHL  
VPGMPTISVDES GARFSQLEETQPDAQDDDSIFSSHSTSDPFNTDDSF AEGHLVPGM  
PSISSFEKNADFKGSSSFSTETTLSTDDQPDEVFARKAGYAPVPRSYGGVWRNARSTFY  
GGMDAAGTMSGACGYGNLYASGYGVHTTALSSALFKNMACGACFEVQCGGKGP  
CKPGSVVVTATNFCPPNPGQSANNNGWCNPPNEHFDLSYPAFVKIADPKAGAVPLQY  
RRVPCQKQGGIRFTINGNCNFILVTITNVGGSGVVTAAYLKGDKTEWSPLSRNWGAN  
WQCRNYCGQGISIKIVTSDNKVSVTKLAKSDWCFGKTFIGKQV\*

### CDS (coding sequence)

>PpEXPA-10

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GCCAGCGACTGTTGAAACTGAGCCCGAAAATCCATCAAACACGACGCACCAGGC  
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**Nucleotide**

>PpEXPA-10

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