

## IDENTIFICATION

**Species:** *Physcomitrium patens*

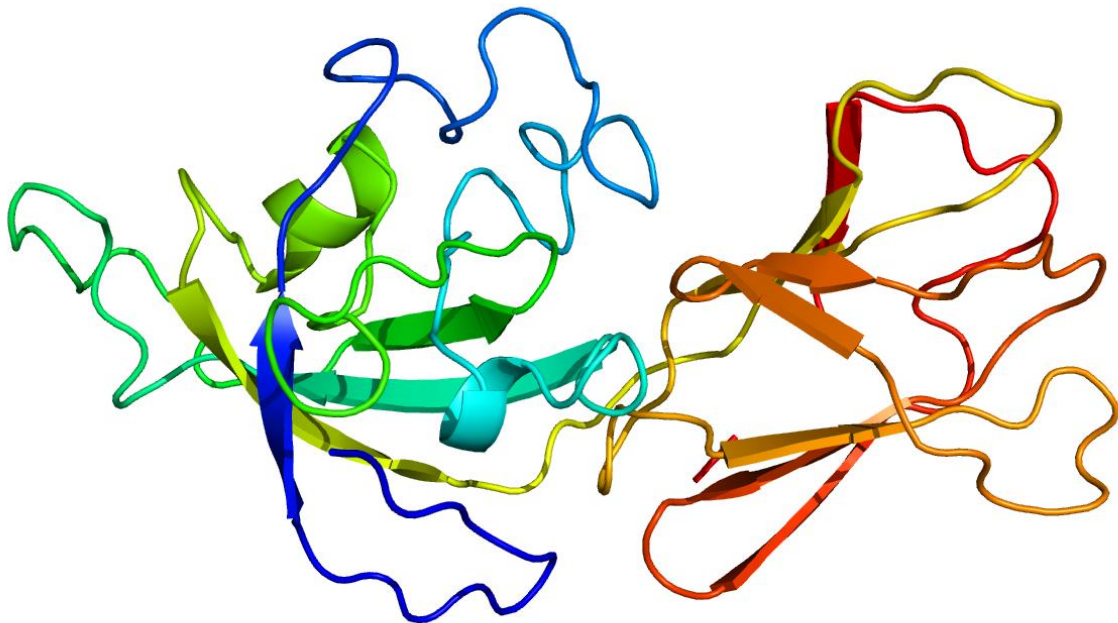
**Locus:** Pp3c7\_25260V3

**Gene Model:** Pp3c7\_25260V3.2.p

**Description:** PpEXPA-08

**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>

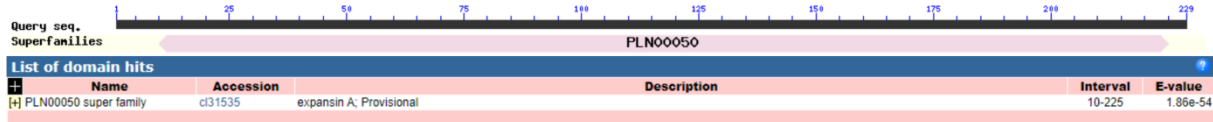
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>PpEXPA-08

PNLWASSRRFSTAWTYAHITYYGGSPNGGGTEGGACGYQNTYSLGYGFMTAALSSSL  
FQGGSSCGACYQIRCEPIRVTRTVKNWCWSYSRTITVTAINLCPPRSSGGCCNPPLQHF  
DLPMPAFLSLARREVRSEKRGGIRFTMGGNLWFLTILHNVGGAGDVRVSVRIKSPHSG  
LISMARNWGSLLWTVRARMMSGALFFMITTSHGRVLITRNAVGSWRFQGTWEGNFP\*

### CDS (coding sequence)

>PpEXPA-08

CCCAATCTCTGGGCCAGTTCGAGAAGATTCTCGACTGCGTGGACCTATGCTCACA  
TAACTTACTATGGCTCTCCCAATGGCGGTGGAACGGAAGGAGGTGCTTGCGGGTA  
CCAAAACACTTACTCGCTGGGGTATGGCTTCATGACAGCGGCGTTGAGCTCGTCT  
TTGTTTCAAGGTGGAAGCTCGTGCGGTGCGTGTTACCAGATCAGGTGCGAACCCA  
TTAGGGTTACACGCACCGTGAAGAAGTGGTGCTGGAGCTACTCTCGAACCATCAC  
AGTCACCGCCATAAACCTCTGCCACCGCGATCCAGTGGCGGATGTTGCAATCCC  
CCTCTCCAACACTTCGACTTGCCAATGCCTGCCTTCTGAGTCTGGCAAGGCGAG  
AAGTGCGCAGTGAGAAACGAGGTGGGATTCGGTTCACCATGGGAGGTAACCTCT  
GGTTCCTGACGATACTCATTCAACGTTGGCGGGCGCGGGTGACGTGAGATCCGT  
CAGGATAAAATCACCACACTCGGGGTTAATCTCCATGTATCGTAACTGGGGCTCG  
CTGTGGACGGTCCGAGCGAGGATGTCCGGAGCACTGTTTTTCATGATCACCATA  
GCCATGGTCGCGTTCTCATCACTCGGAACGCAGTGGGAAGCGGTTGGAGGTTTGG  
CCAGACCTGGGAGGGAAATTTCCCTTAA

### Nucleotide

>PpEXPA-08

CCCAATCTCTGGGCCAGTTCGAGAAGATTCTCGACTGCGTGGACCTGCCACTTAA  
AGCTAATCTTCAATCGATCTAGTGAACATGTTGAGAGTAAGACATCGGTTTCTG  
AAAACATGGCTGCGCATCATTGACCGCATCAAATTTCTTAGTACACGAATGGCC  
TTGTGGGTCTTCGACGTAGCTGAATTGAAGGTGAGTTAATTGTTTCGTGAGAGATC  
GTCTCTTGCTACCCTTGTTCGGTGCATCGATGTGACGTCCTCTGCTGGTATTGTGC  
CTCCTACTCCGCCAACTTGTGCGTGTGCATTGAATATTGTATGATGCGACAGACAT  
ACATGGAGTGGAGAGTCACTCGACAGTAAGAATACACATTTGCGTTTCTGAGACA  
ATTTGTGATTTGCGAAACACCATCACGACGATGGGCTCGACATCCAGTGTGATTC

TGCTCGCGGTTGTGCTTTTTGTAGCGCATATGGGACTGCCGGAGGTGCTCGGGGC  
CCCGTATGGATAGAGAGATGCTCACATAACTTACTATGGCTCTCCCAATGGCGGT  
GGAACGGAAGGAGGTGCTTGCGGGTACCAAACACTTACTCGCTGGGGTATGGC  
TTCATGACAGCGGCGTTGAGCTCGTCTTTGTTTTCAAGGTGGAAGCTCGTGCGGTG  
CGTGTACCAGATCAGGTGCGAACCCATTAGGGTTACACGCACCGTGAAGAACTG  
GTGCTGGAGCTACTCTCGAACCATCACAGTCACCGCCATAAACCTCTGCCACCG  
CGATCCAGTGGCGGATGTTGCAATCCCCCTCTCCAACACTTCGACTTGCCAATGC  
CTGCCTTCCTGAGTCTGGCAAGGCGAGAAGGTGGCGTCGCCCCCGTTTAGTACAC  
CAAAGTGCGCAGTGAGAAACGAGGTGGGATTCGGTTCACCATGGGAGGTAACCT  
CTGGTTCCTGACGATACTCATTACAACGTTGGCGGCGCGGGTGACGTGAGATCC  
GTCAGGATAAAATCACCACACTCGGGGTTAATCTCCATGTATCGTAACTGGGGCT  
CGCTGTGGACGGTCCGAGCGAGGATGTCCGGAGCACTGTTTTTCATGATCACCAC  
TAGCCATGGTCGCGTTCTCATCACTCGGAACGCAGTGGGAAGCGGTTGGAGGTTT  
GGCCAGACCTGGGAGGGAAATTTCCCTTAA