

## IDENTIFICATION

**Species:** *Selaginella moellendorffii*

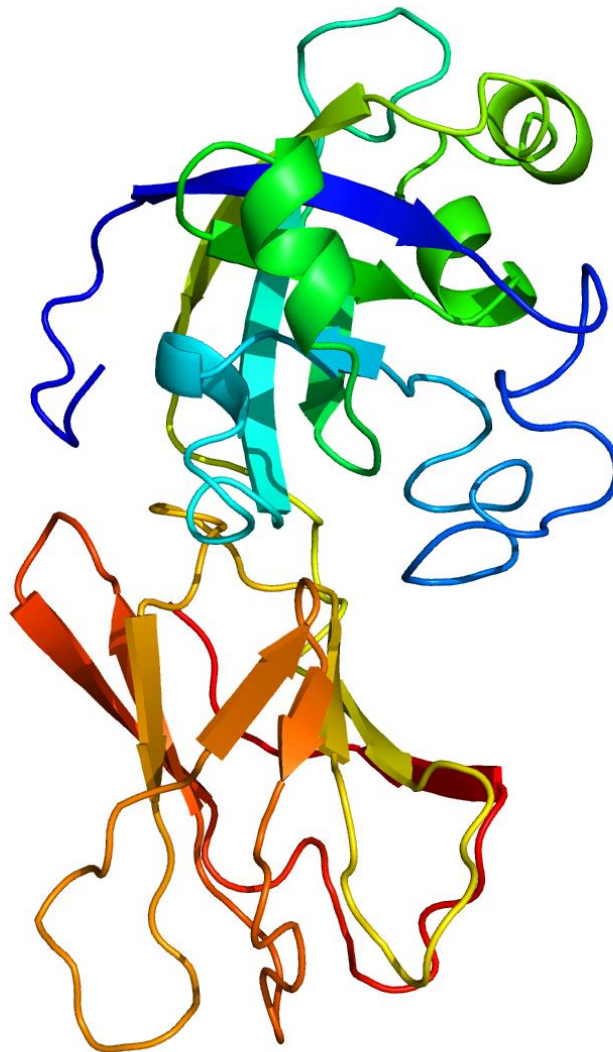
**Locus:** 234188

**Gene Model:** 234188

**Description:** SmEXPB-03

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

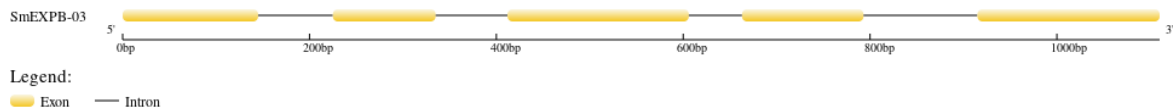
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Smoellendorffii\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Smoellendorffii_v1_0)

KEGG: <https://www.genome.jp/entry/T01496>

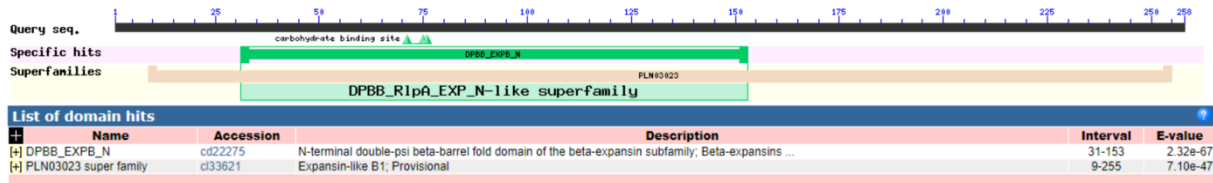
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SmEXPB-03

MDSASLWRLIVLLLAAVDVARCRFHAYARGWQLATATWYGSPSGAGTDGGACGY  
GELPNTPYGLDVGAGSPVLFKNRGRGCGACYKVRCLQQQLCSGKA VTVVITDECPGG  
YCAFGRTHFDLSGTAFGRMAMAGR TNQLLGSVVTQVLYKRVDCNYGSRPMEFQVN  
EGSTPFWLSILVRYAAGPGDLGHVELMQAGSRVWQPMTQVWGATWCFNGGPLRGP  
FSFRVTTLSTSETVVARNVIPRNWASNTCYRSRVNFR\*

### CDS (coding sequence)

>SmEXPB-03

ATGGATTCAGCGAGTTTGTGGAGGCTCATCGTCTTGCTGCTCGCAGCAGTGGATG  
TTGCTCGTTGCAGATTCCATGCGTATGCACGAGGCTGGCAATTGGCAACCGCGAC  
TTGGTATGGAAGTCCCAGCGGTGCTGGAAGTATGGAGGAGCTTGTGGCTATGGT  
GAACTCCCGAACACTCCCTACGGCCTCGATGTTGGTGTGCTGGGAGCCCCGTCTGT  
TCAAGAATGGCAGAGGCTGTGGTGCATGCTACAAGGTGAGGTGCTTGCAGCAGC  
AGCTCTGCTCCGGCAAAGCCGTGACGGTGGTGATCACAGACGAGTGTCCCGGTGG  
CTACTGCGCGTTTGGGAGGACGCATTTTCGACCTCAGTGGCACGGCATTGGAAGA  
ATGGCGATGGCCGGAAGAACAAACCAGCTGTTGGGATCAGGAGTTACGCAAGTC  
CTCTACAAGAGGGTTGATTGTAACATGGCTCCAGGCCCATGGAATTCCAAGTCA  
ACGAAGGATCCACACCATTTTGGTTGTCCATTCTCGTTCGCTACGCAGCGGGGCC  
TGGAGATTTGGGTCATGTCGAGCTCATGCAGGCTGGGTCTCGAGTTTGGCAGCCA  
ATGACTCAGGTGTGGGGCGCAACATGGTGTTCATGGCGGTCTCTGAGGGGCC  
CTTCTCGTTCGAGTACGACTCTGTCAACCTCGGAAACAGTCGTGGCTCGAAA  
CGTGATTCCAAGAACTGGGCTTCCAACACTTGCTATCGCTCCAGGGTCAACTTT  
AGATGA

### Nucleotide

>SmEXPB-03

ATGGATTCAGCGAGTTTGTGGAGGCTCATCGTCTTGCTGCTCGCAGCAGTGGATG  
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CCAATCCTTCTTCTTCTTTCTTGCAGTGATCAATGTCCTTCTCTTGCATTTC

CAGGAGGAGCTTGTGGCTATGGTGAAC TCCCGAACACTCCCTACGGCCTCGATGT  
TGGTGCTGGGAGCCCCGTCCTGTTCAAGAATGGCAGAGGCTGTGGTGCATGCTAC  
AAGGTATGAGAGATTTGGATCTCCTTCTCAAGCTCTTCCAAAAGAATTCATGTTCT  
TCTTTTTTCGGCTTGGATTGCACAGGTGAGGTGCTTGCAGCAGCAGCTCTGCTCCGG  
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TAATAGTTAAAAGGAGTTCATGGCCAAC TTTCTCCTCACCTTTAACACATTTTGCAG  
GGTTGATTGTA ACTATGGCTCCAGGCCCATGGAATTCCAAGTCAACGAAGGATCC  
ACACCATTTTGGTTGTCCATTCTCGTT CCGCTACGCAGCGGGGCCTGGAGATTTGGG  
TCATGTCGAGCTCATGCAGGTAGATAAACATGCCTTTCTTCACTTCTTTTTCTTTTT  
CTCTCTCTTTAGCTTACACTGACGAAACGAATTGTTTGTGCTCTCTCTCTCTCT  
CCACACACACACACACACACAACAGGCTGGGTCTCGAGTTTGGCAGCCAATG  
ACTCAGGTGTGGGGCGCAACATGGTGT TTTCAATGGCGGTCCTCTGAGGGGCCCTT  
TCTCGTTTTCGAGTCACGACTCTGTCAACCTCGGAAACAGTCGTGGCTCGAAACGT  
GATCCAAGAACTGGGCTTCCAACACTTGCTATCGCTCCAGGGTCAACTTTAGA  
TGA