IDENTIFICATION

Species: *Selaginella moellendorffii*

Locus: 171427

Gene Model: 171427

Description: SmEXPB-01

Family: Beta Expansin

3D structure:

GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Smoellendorffii_v1_0
KEGG: https://www.genome.jp/entry/T01496

EXTERNAL RESOURCES

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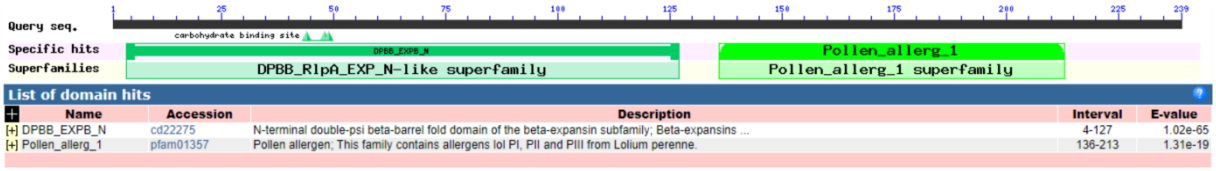
GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SmEXPB-01

MIKWEPATATWYGSPNGAGTDGGACGYGSLPNTPYGSDVGAGSPILFMNGIGCGTC
FEVKCVDGQLCSPQPVNVVITDECPGGYCSGGRTHFDLSGTAFGKMASGSANIQHLL
AAGVLNVLYRRAPCIYKSQGVVFQVADGSTPFWFETVIRYLDGPGDLATVELQQFGS
SAWQPMSQVWGANWCLNAGGGTPLRAPFSIRLTALQTGEKIIAHNVIPANWAPQHS
YSTGVNFDTRNY*

CDS (coding sequence)

>SmEXPB-01

ATGATCAAATGGGAACCAGCCACTGCAACATGGTATGGAAGTCCCAATGGAGCT
GGAACTGATGGTGGAGCTTGTGGATATGGAAGCCTGCCCAACACACCCTATGGCT
CAGATGTAGGTGCTGGGAGCCCAATTCTTTTCATGAATGGAATTGGCTGTGGAAC
TTGTTTTGAGGTGAAGTGCGTCGACGGGCAGCTCTGCTCGCCTCAGCCCGTCAAC
GTGGTCATCACTGACGAGTGTCCCGGAGGCTACTGCTCGGGAGGAAGAACACAC
TTTGATCTCAGTGGCACTGCCTTTGGAAAGATGGCCAGCGGCAGCGCAAACATCC
AGCACCTCCTCGCCGCGGGAGTTCTCAATGTTCTCTACAGACGTGCTCCATGCATC
TACAAGAGCCAGGGCGTCGTGTTCCAGGTCGCCGATGGCTCCACACCCTTTTGGT
TTGAGACAGTTATCAGATATCTGGATGGTCCGGGAGATCTCGCGACAGTCGAGCT
CCAACAGTTTGGGTCTTCTGCTTGGCAGCCGATGAGCCAAGTTTGGGGGGCAAAC
TGGTGCCTGAACGCAGGTGGCGGCACGCCTTTGAGAGCTCCATTTTCGATTCGGC
TCACGGCACTTCAAACCGGAGAGAAGATTATCGCCCACAATGTCATTCCTGCGAA
TTGGGCACCCCAACACAGCTATTCCACTGGTGTCAACTTTGACACGCGCAATTAT
TGA

Nucleotide

>SmEXPB-01

ATGATCAAATGGGAACCAGCCACTGCAACATGGTATGGAAGTCCCAATGGAGCT
GGAACTGATGGTACAATGCAATCACACCCAATAACAAATTTATTGAGAATTGTAC
AATCATCAGGAAATGATTTCTAAGAAAGAACTAGAAGAGTGTGTCGAGTTAGAA
TGTTATAACTCGTGATTTTTCTCAATGCTTTCTTTCTTTTCTTTTTTTGAAGGTGGA
GCTTGTGGATATGGAAGCCTGCCCAACACACCCTATGGCTCAGATGTAGGTGCTG

GGAGCCCAATTCTTTTCATGAATGGAATTGGCTGTGGAACTTGTTTTGAGGTAATC
TATCATGAGTTTCTTCGCTCTTCTTTCTTTCTCTGTTTTTTCAAGTTTCCCTGTAGTA
TCAATCTATTGAATGCATCAAATCAATCGATCATTCTCATGACAATGTGGCTATCC
AAATCCATGTAGGTGAAGTGCGTCGACGGGCAGCTCTGCTCGCCTCAGCCCGTCA
ACGTGGTCATCACTGACGAGTGTCCCGGAGGCTACTGCTCGGGAGGAAGAACAC
ACTTTGATCTCAGTGGCACTGCCTTTGGAAAGATGGCCAGCGGCAGCGCAAACAT
CCAGCACCTCCTCGCCGCGGGAGTTCTCAATGTTCTCTACAGACGGTAAGCCTGA
CTCTGAGATTATTCCTGGAATATTTGAGGAATCTCTTCCCAATTTCAGTGCTCCAT
GCATCTACAAGAGCCAGGGCGTCGTGTTCCAGGTCGCCGATGGCTCCACACCCTT
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GAGCTCCAACAGGTAATCACCTTTTGCAAAGAAATTCCAAAGTTTTTGGCAAAGA
GATTGAGAACTAATGGAACTTTTGTAGTTTGGGTCTTCTGCTTGGCAGCCGATGA
GCCAAGTTTGGGGGGCAAACTGGTGCCTGAACGCAGGTGGCGGCACGCCTTTGA
GAGCTCCATTTTCGATTCGGCTCACGGCACTTCAAACCGGAGAGAAGATTATCGC
CCACAATGTCATTCCTGCGAATTGGGCACCCCAACACAGCTATTCCACTGGTGTC
AACTTTGACACGCGCAATTATTGACGAGAGTACTCAGGGGCTTCTGTAGTGTGTG
AAAAAATGCCACACTCGGGCCAATGAAAATTTAAATAAAAGTTTGAAAAGAAGT
GTC