

## IDENTIFICATION

**Species:** *Oropetium thomaeum*

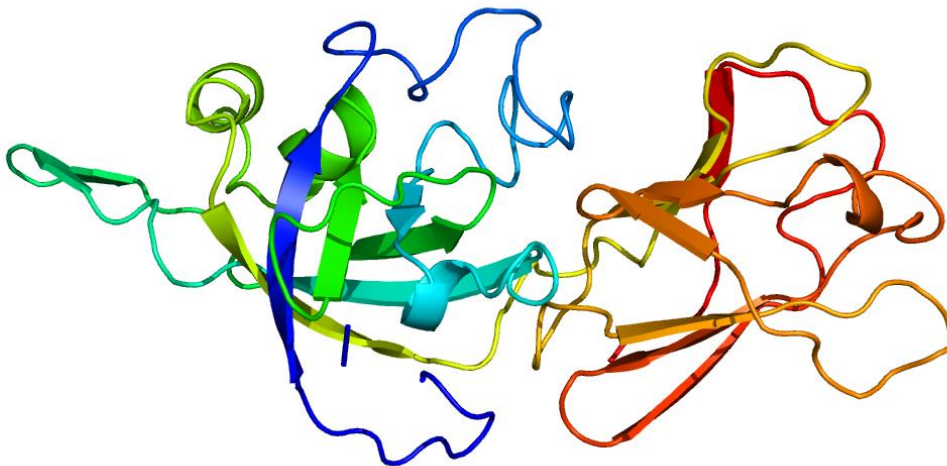
**Locus:** Oropetium\_20150105\_21237A

**Gene Model:** Oropetium\_20150105\_21237A

**Description:** OthEXPB-11

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

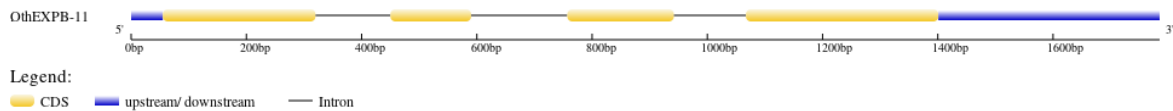
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Othomaeum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Othomaeum_v1_0)

KEGG:-

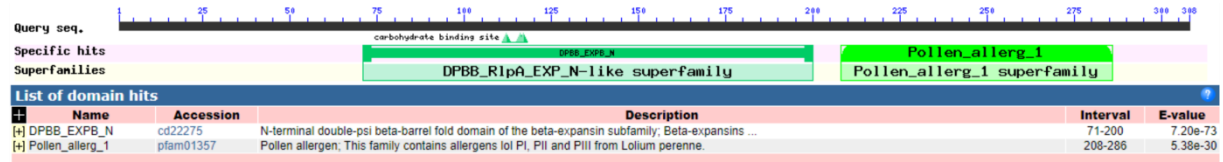
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OthEXPB-11

MAKSSCILLFAALVVLALLVNPIAGFRVLGKRTNRHRPVHEPVTSSRAHSNHTAVHT  
ATRSAMAKYGGWLSAGATYYGAPNGFGSDGGACGYQTAVAQRPFNSMIAAGSP  
AIYKGGKGCACYEVSIVEHFHRVKCTSNSACSGQPVTVVITDECPCPTQYHFDMS  
GTSMGAMAKPGMADKLRAAGIFKVQYKRVPCYDGVNLAFRVDQGSNPFYFEVLV  
EFEDGDGDLAMQLKEAGCNTWTPMVQNWGALWRYSNTGKALRAPFSLRLTSES  
GKVLVADNVIPAGWKAGATYRSLVNYRS\*

### CDS (coding sequence)

>OthEXPB-11

ATGGCCAAGTCTTCTGCATACTGCTGTTCCGCCGCACTGGTCGTGCTGGCACTTCT  
GGTGAACCCATTGCTGGCTTCCGAGTGCTGGGCAAGAGGACGAACAGGCATAG  
GCCGGTCCACGAGCCGGTAACTAGTAGTAGAGCCCACAGCAACCACACGGCAGT  
CCACACCGCGACTCGCTCTGCGATGGCCAAGTACGGTTCGGGCGGCTGGCTGTCC  
GCCGGCGCGACGTATTACGGCGCCCCAACGGCTTTGGAAGCGACGGCGGCGCG  
TGCGGGTACCAGACCGCCGTCGCGCAGCGGCCGTTCAACTCGATGATCGCCGCCG  
GGAGTCCGGCGATATAACAAGGGAGGCAAGGGCTGCGGCGCCTGCTACGAGGTGA  
GCATCGTCGAGCATTTCACAGAGTTAAATGCACGAGCAACTCGGCGTGCTCCGG  
CCAGCCGGTGACCGTGGTCATCACTGACGAGTGCCCCGGCTGCCACGCAGTAC  
CACTTCGACATGAGTGGCACTTCTATGGGCGCCATGGCCAAGCCCGGCATGGCTG  
ATAAGCTTCGCGCCGCGGTATCTTCAAGGTCCAATAACAAGAGGGTGCCGTGCAA  
GTACGACGGCGTGAACCTTGCCTTCAGGGTGGACCAGGGCTCGAACCCGTTCTAC  
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CTCAAGGAGGCCGGATGCAACACCTGGACGCCGATGGTGCAGAACTGGGGTGCG  
CTCTGGCGCTACAACCTCAACACCGGCAAGGCCCTCAGGGCGCCCTTCTCGCTCC  
GACTCACCTCCGAGTCCGGCAAGGTCCTCGTCGCCGACAACGTCATCCCCGCCG  
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### Nucleotide

>OthEXPB-11

CACACACTCCAGCAAACCTACCCCGTGTTAGCTCAAACAATTTCTGCAGAGCAGCA  
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