

## IDENTIFICATION

**Species:** *Oropetium thomaeum*

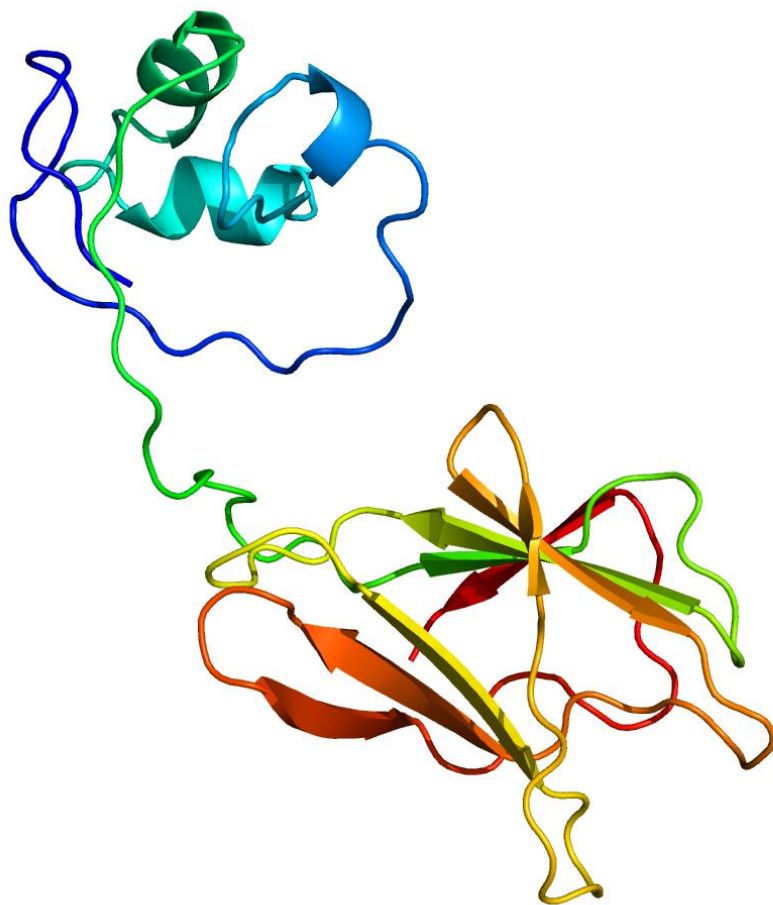
**Locus:** Oropetium\_20150105\_12183A

**Gene Model:** Oropetium\_20150105\_12183A

**Description:** OthEXPB-07

**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:-

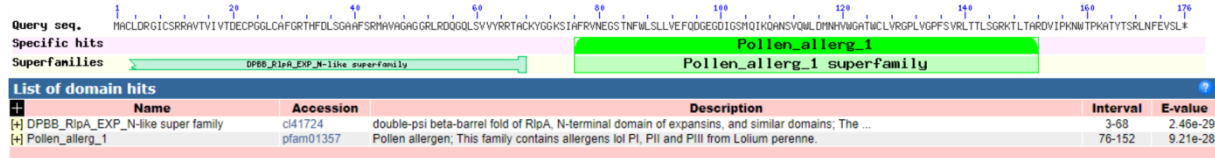
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OthEXPB-07

MACLDRGICSRRAVTIVITDECPGGLCAFGRTHFDLSGAAFSRMAVAGAGGRLRDQ  
 GQLSVVYRRTACKYGGKSI AFRVNEGSTNFWLSLLVEFQDGEDIGSMQIKQANSVQ  
 WLDNMHVWGATWCLVRGPLVGPFSVRLTTL SGRKTLTARDVIPKNWTPKATYTSRL  
 NFEVSL\*

### CDS (coding sequence)

>OthEXPB-07

ATGGCCTGCCTCGACCGCGGCATCTGCTCGCGCCGCGCCGTCACCGTCATCGTCA  
 CGGACGAGTGCCCCGGCGGCCTGTGCGCCTTCGGCCGCACGCACTTCGACCTCAG  
 CGGCGCCGCGTTCAGCAGGATGGCCGTCGCCGGCGCAGGCGGCCGCTGCGGGA  
 CCAGGGCCAGCTGTCCGTCGTGTACAGAAGGACGGCCTGCAAGTACGGCGGGAA  
 GAGCATCGCATTCCGCGTGAACGAGGGCTCGACCAACTTCTGGCTCTCGCTGCTC  
 GTCGAGTTCCAGGACGGCGAAGGCGACATTGGATCCATGCAGATCAAGCAGGCG  
 AACTCGGTGCAGTGGCTGGACATGAACCACGTGTGGGGGGCCACGTGGTGCCTG  
 GTGCGGGGCCCGCTGGTGGGCCCTTCTCCGTGAGGCTGACGACGCTGTCCGGCC  
 GGAAGACGCTCACGGCTCGCGACGTCATCCCCAAGAACTGGACGCCAAGGCAA  
 CCTACACGTCGCGCCTCAACTTTGAAGTCTCCCTCTGA

### Nucleotide

>OthEXPB-07

ATGGCCGTTCACTTTTTTTGTCGTTCTGTTGACCGTTGTCTCGTAACGGAACAGTA  
 TATGGCACATGTGACACTTCACTTGACTTGTCAACGCAACTTGCCTTTGATGCTCT  
 GGCTCGGCTGTTCTGTTCCCTCCATAACATTTTTCAGCAACTCGAGCACTCATGCC  
 TTCGAAAATAATTTGTTTACCAAGCAGATTGTATTGGTCTCTCGTTTTCTAACAGC  
 AGCCAGCAATGTGTGTTTATTCTCTCAGGCGGCGCGTGCGGGTACGGGACGCTGG  
 TGGACGTGGTGCCGATGAAGGCGCGCGTGGGGTCCGTGAGCCCGGTGCTGTTCAA  
 GTCCGGCGAGGGCTGCGGCGCCTGCTACAAGGTCAAGTGCCTCGACCGCGGCATC  
 TGCTCGCGCCGCGCCGTCACCGTCATCGTCACGGACGAGTGCCCCGGCGGCCTGT  
 GCGCCTTCGGCCGCACGCACTTCGACCTCAGCGGCGCCGCGTTCAGCAGGATGGC  
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ACTTCCTTCCACAGCATCATCCTTGTCCAGATGCGGACCTTTTTTCTCGGCACGC  
CGCGCCTACTGGGTCTTTTTCTCTTTCCCTTACCTAGCGGTAGCGACACACA  
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