

IDENTIFICATION

Species: *Oropetium thomaeum*

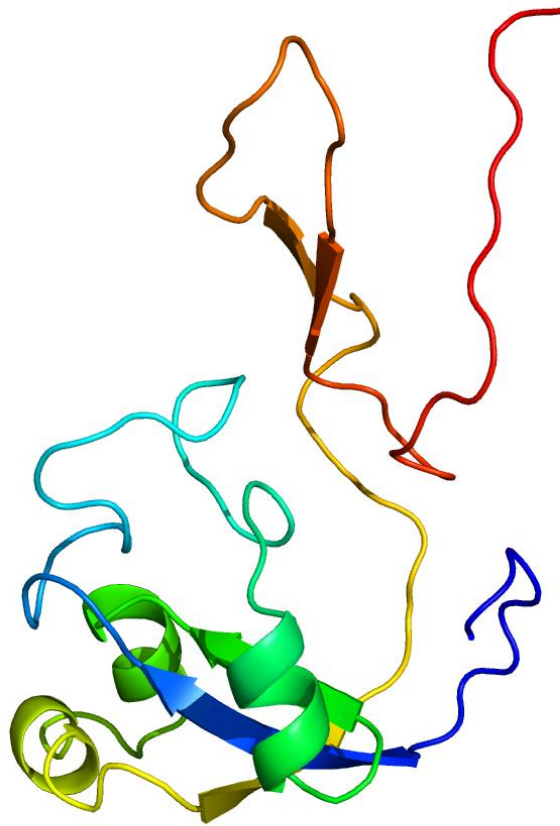
Locus: Oropetium_20150105_26576A

Gene Model: Oropetium_20150105_26576A

Description: OthEXPB-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

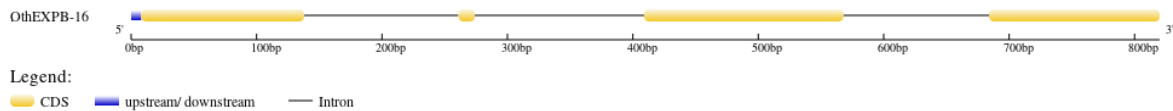
Phytozome: https://phytozome-next.jgi.doe.gov/info/Othomaeum_v1_0

KEGG:-

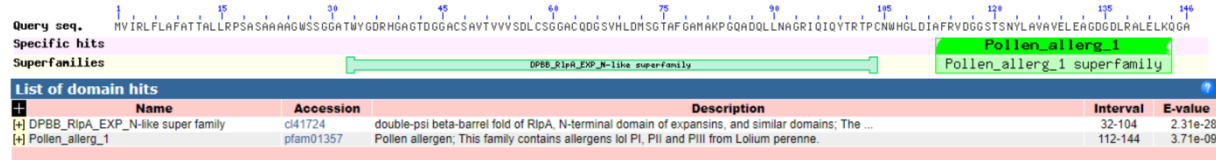
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OthEXPB-16

MVIRLFLAFATTALLRPSASAAAAGWSSGGATWYGDRHGAGTDGGACSAVTVVVS
 DLCSGGACQDGSVHLDMSGTAFGAMAKPGQADQLLNAGRIQIQYTRTPCNWHGLDIA
 FRVDGGSTSNYLAVAVELEAGDGDRLRALELKQGA*

CDS (coding sequence)

>OthEXPB-16

ATGGTGATCCGGCTCTTCTTGGCCTTCGCGACGACGGCTCTTCTCAGGCCAGCGC
 ATCTGCCGCCGCCCGCGCTGGTCCAGCGGCGGGGCGACGTGGTACGGCGACCG
 CCACGGCGCAGGCACTGACGGTGGCGCTTGTAGTGCGGTGACCGTGGTCGTCAGC
 GACCTGTGCTCCGGCGGCGCGTGCAGGACGGGTCCGGTGCACCTTGGACATGAGC
 GGGACGGCTTTCGGCGCCATGGCGAAACCCGGCCAGGCCGATCAGCTCCTCAAC
 GCCGGCCGCATCCAGATCCAGTACACTCGGACGCCGTGCAACTGGCACGGGCTG
 GACATCGCCTTCAGGGTAGACGGCGGCTCCACGTCCAACCTCGCGGTGGCCG
 TCGAGTTAGAGGCCGGCGACGGCGACCTGCGCGCCCTCGAGCTCAAGCAGGGCG
 CT

Nucleotide

>OthEXPB-16

TGGCTTCCATGGTGATCCGGCTCTTCTTGGCCTTCGCGACGACGGCTCTTCTCAGG
 CCCAGCGCATCTGCCGCCGCCCGGCTGGTCCAGCGGCGGGGCGACGTGGTAC
 GGCGACCGCCACGGCGCAGGCACTGACGGTATATACGCGTACACAGATAACACAC
 TCTCATATGGACGCACCGGACCATGATCAGTGTATAAAGGTTTACTAATAATGCC
 AATTGCCAACCAATTGTTCCACACGACTTGTCTGTGGTATAGGTGGCGCTTGTAG
 GTAACAGGGTGCCGTTTCCAGCAGCCACCGTTCCTCCATGGTGGCCGCCGGCAGC
 CCGTCCATATTCCAGAACGGCAAGGGCTGCGGCTCTTGCTATCAGGTCAAATGCA
 CCGGCCACCCGTCGTGCTCCGGCAGTGCGGTGACCGTGGTTCGTCAGCGACCTGTG
 CTCCGGCGGGCGCGTGCAGGACGGGTCCGGTGCACCTTGGACATGAGCGGGACGGC
 TTTCGGCGCCATGGCGAAACCCGGCCAGGCCGATCAGCTCCTCAACGCCGGCCGC
 ATCCAGATCCAGTACACTCGGTACGTAAGTACTAGCAAAGCTTACGCACGCGTCA
 TCACGTACGCGTGTGTCACAGGTATGCCAGTCTTTCATCGTTTTTCACTGACTG
 ACCCCGGCCTTCTACGCCGCCACAGGACGCCGTGCAACTGGCACGGGCTGGACAT

CGCCTTCAGGGTAGACGGCGGCTCCACGTCCAACCTCGCGGTGGCCGTCGAG
TTAGAGGCCGGCGACGGCGACCTGCGCGCCCTCGAGCTCAAGCAGGGCGCT