

IDENTIFICATION

Species: *Oropetium thomaeum*

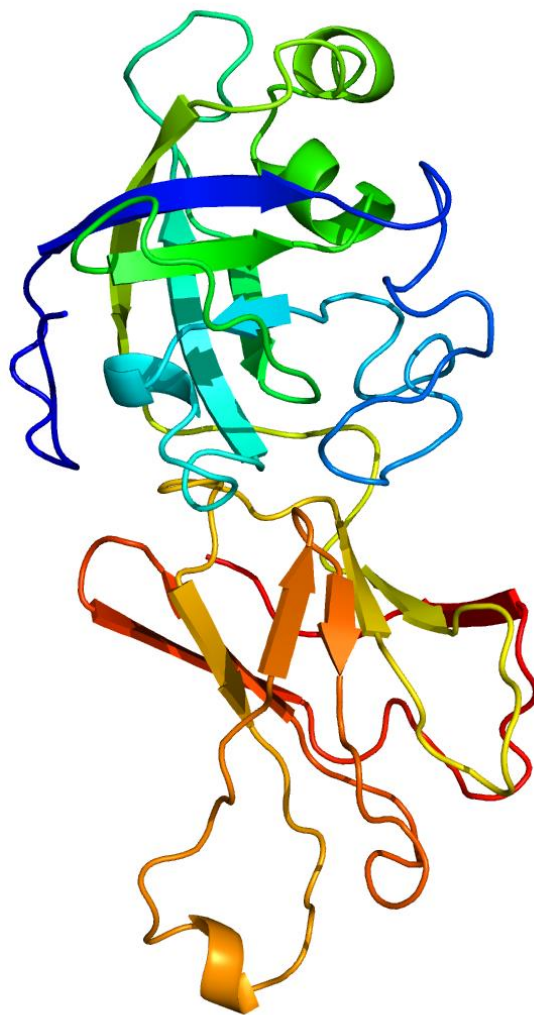
Locus: Oropetium_20150105_27748A

Gene Model: Oropetium_20150105_27748A

Description: OthEXPB-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

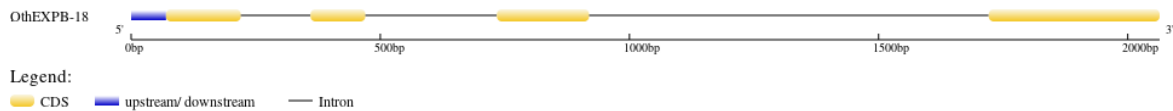
Phytozome: https://phytozome-next.jgi.doe.gov/info/Othomaeum_v1_0

KEGG:-

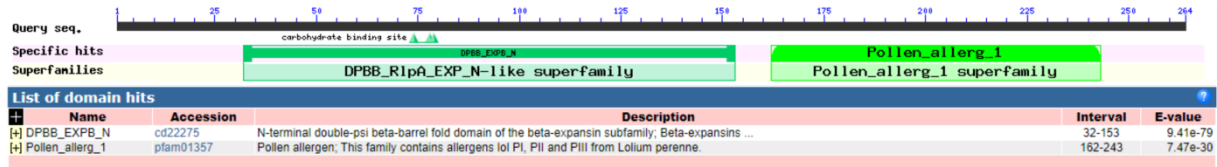
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OthEXPB-18

MGCREAQFDAGDAGVDAENFNTSDAGKYWGPWLPARATWYGQPNGAGPDDNGG
ACGFKHTNQYPMMSGCGNQPLFKDGKGCSCYKIRCTKDRSCSGRTETVIITDMN
YYPVSKYHFDLSGTAFGRLAKPGLNDKLRHSGIIDIEFTRVPCFPGGLKVGHFVEQFSN
PVYFAVLVEYEDGDGDVVQVDLMESKSPRGQPTGRWTPMRESWGSVWRLDSNHRL
QAPFSIRIRNESGKTLVAREVIPANWRPNTFYRSIVQYS*

CDS (coding sequence)

>OthEXPB-18

ATGGGCTGCCGCGAGGCACAGTTTGACGCCGGCGACGCTGGCGTTCGACGCGGAG
AACTTCAACACCAGCGACGCCGGCAAGTACTGGGGCCCCTGGCTGCCGGCCAGG
GCCACCTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAACGGTGGTGCC
TGCGGGTTCAAGCACACCAACCAGTACCCGTTTCATGTCCATGGGCTCCTGCGGCA
ACCAGCCACTGTTCAAGGACGGCAAGGGCTGCGGCTCCTGCTACAAGATTCGGTG
CACCAAGGACCGTTCCTGCTCCGGTCGGACGGAGACGGTGATCATCACCACATG
AACTACTACCCGGTGTCCAAGTACCACTTCGACCTCAGCGGCACCGCGTTCGGCC
GCCTCGCCAAGCCGGGGCTCAACGACAAGCTCCGCCACTCCGGCATCATCGACAT
CGAGTTCACCAGGGTTCCTGTCGAGTTCCTCGGGCCTGAAGGTCGGATTCACGTG
GAGCAGTTCTCCAACCCCGTGTACTTCGCGGTGCTAGTGGAGTACGAGGACGGCG
ACGGCGACGTGGTGCAGGTGGACCTGATGGAGTCGAAGTCTCCGCGTGGGCAGC
CGACGGGGCGGTGGACGCCGATGCGCGAGTCTTGGGGCTCCGTCTGGCGCCTCG
ACTCCAACCACCGGTGCAGGCGCCCTTCTCCATCCGCATCCGCAACGAGTCCGG
CAAGACGCTCGTAGCCAGGGAGGTCATCCCGGCCAACTGGAGGCCAACACGTT
CTACCGCTCCATCGTGCAGTACAGCTGA

Nucleotide

>OthEXPB-18

ATGGGGTCCGCGGGTTCCTCGCCGGCGCCGGCGGGCGCTCGCGCTCCTGTCAC
TCCTCGCCGTCGGCAGCTGCCGCGAGGCACAGTTTGACGCCGGCGACGCTGGCGT
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GCCGGCCAGGGCCACCTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAA
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CCGCCACTCCGGCATCATCGACATCGAGTTCACCAGGTCTGTAAACCGAAAACAC
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