

IDENTIFICATION

Species: *Oropetium thomaeum*

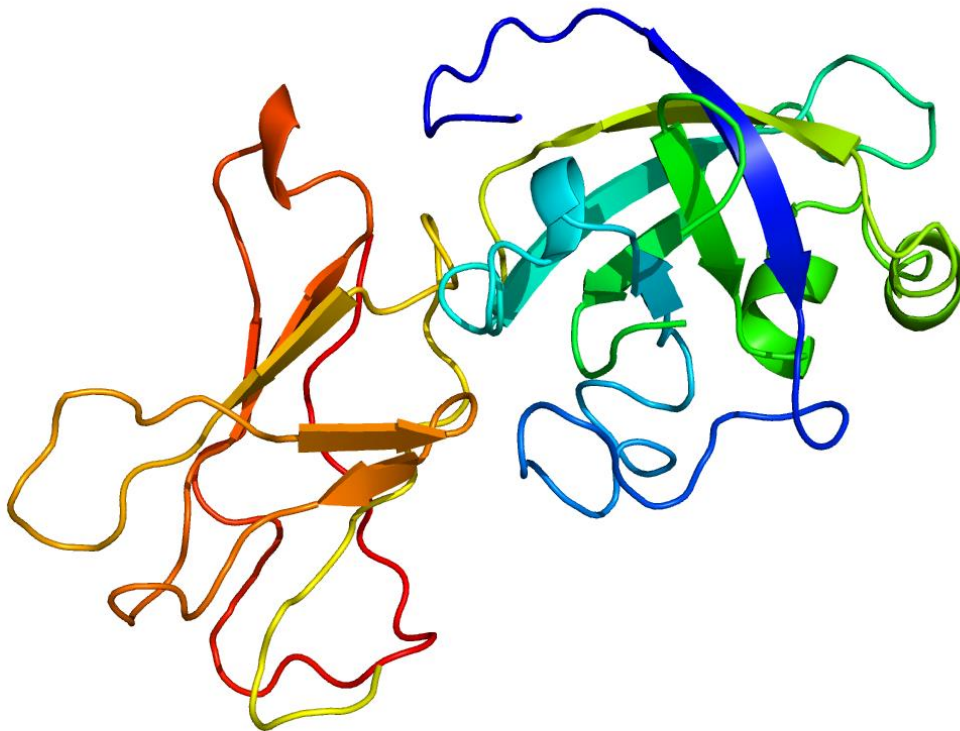
Locus: Oropetium_20150105_22652A

Gene Model: Oropetium_20150105_22652A

Description: OthEXLA-02

Family: Alpha Expansin

3D structure:



GENOME DATABASES

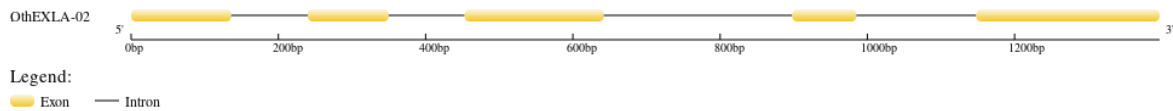
Phytozome: https://phytozome-next.jgi.doe.gov/info/Othomaeum_v1_0

KEGG:-

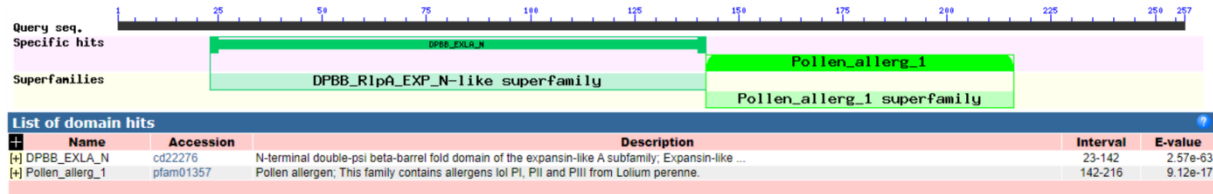
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OthEXLA-02

MAVPVRLASPFLLLLHPLLFLLASACDRCVHNSKAAYYTSALTLTGGSCGYGSAAAS
 FNGGFLAAASPALYRSGVGCACFQVRCKDTRLCAASGTRVVVTDRARTNRDLDL
 SSPAFAAMARPGRAADLAKLGTVDVEYRRYGVTSRRGPNELAIRFLYQGGQTDIVA
 VDVAQVGSSKWRFMTRHGPWSTSQAPGPLQFRVVVTGGYDGKVVWADREVL
 PRRWRAGEVYDMGVQIGDVAKEGCFPCDAHDWK*

CDS (coding sequence)

>OthEXLA-02

ATGGCCGTCCCTGTCCGCCTCGCCTCACCCCTTCTGCTCCTCCTCCACCCTCTCCTC
 TTCCTCCTCGCGTCCGCCTGCGACCGCTGCGTGCACAACTCCAAGGCCGCTACT
 ACACCTCCGCCCTCACCCCTACCGGCGGTTTCGTGCGGGTACGGCTCCGCGGCCGC
 GTCCTTCAACGGCGGCTTCCTCGCCGCGGCGAGCCCGGCGCTGTACCGCAGCGGC
 GTCGGCTGCGGAGCTTGCTTCCAGGTCCGGTGCAAGGACACGAGGCTCTGCGCCG
 CGTCGGGCACGAGGGTGGTCGTCACGGACCGCGCCAGGACCAACCGCACCGACC
 TCGTGCTCAGCAGCCCGGCGTTCGCGGCCATGGCGCGCCCGGGCAGGGCCGCG
 ACCTCGCAAAGCTCGGAACCGTCGACGTCGAGTACAGGAGGTACGGGGTAACGA
 GCCGCCGCGGTCCCAACGAGCTGGCCATCCGGTTCCTTACCAGGGCGGCCAGAC
 GGACATCGTGCCCGTTCGACGTCGCACAGGTTCGGCTCGTCCAAGTGGAGGTTTCATG
 ACGCGCGAGCACGGCCCGGCGTGGAGCACGAGCCAGGCGCCGCCCGGCCGCTG
 CAGTTCAGGGTGGTGGTGACGGGCGGGTACGACGGCAAGTGGGTCTGGGCCGAC
 CGCGAGGTGCTGCCGCGCCGGTGGCGAGCCGGCGAGGTATACGACATGGGCGTC
 CAGATCGGGGACGTCGCCAAGGAGGGGTGCTTCCCCTGCGACGCGCACGACTGG
 AAGTGA

Nucleotide

>OthEXLA-02

ATGGCCGTCCCTGTCCGCCTCGCCTCACCCCTTCTGCTCCTCCTCCACCCTCTCCTC
 TTCCTCCTCGCGTCCGCCTGCGACCGCTGCGTGCACAACTCCAAGGCCGCTACT
 ACACCTCCGCCCTCACCCCTACCGGTAAGTACTAACGTTGCTCTGTTTTTTTCAGG
 GCAGGCACTCCAAGTTCGCTTCTTCTTCTGGTTCTCACCGATTTGGTTTGGTGG
 TGTTGTTTCGTGCGCAGGCGGTTTCGTGCGGGTACGGCTCCGCGGCCGCGTCTTCA

ACGGCGGCTTCCTCGCCGCGGCGAGCCCGGCGCTGTACCGCAGCGGCGTCGGCTG
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ATCAAGGCTGCAGCCTGCAGTCTCCCCCGATTAATTCGGAAGGATTTCGATGA
TCGCGGCAGGTCCGGTGCAAGGACACGAGGCTCTGCGCCGCGTCGGGCACGAGG
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CGGCGTTCGCGGCCATGGCGCGCCCGGGCAGGGCCGCCGACCTCGCCAAGCTCG
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AGTAAAACCAAAGCGATCGAGACGCGGTACTAGAATCTGAGGGGGAAATTTTGT
CTTGCGTGCCATGTGCAGGGTGCCGTGCGAGTACAAGCACCGAAACCTCTCGGTG
CGGGTGGAGGAGAAGACGAGCCGCGCGGTCCCAACGAGCTGGCCATCCGGTTC
CTTACCAGGGCGGCCAGACGGACATCGTGGCCGTCGACGTCGCACAGGTCCGT
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