

IDENTIFICATION

Species: *Eutrema salsugineum*

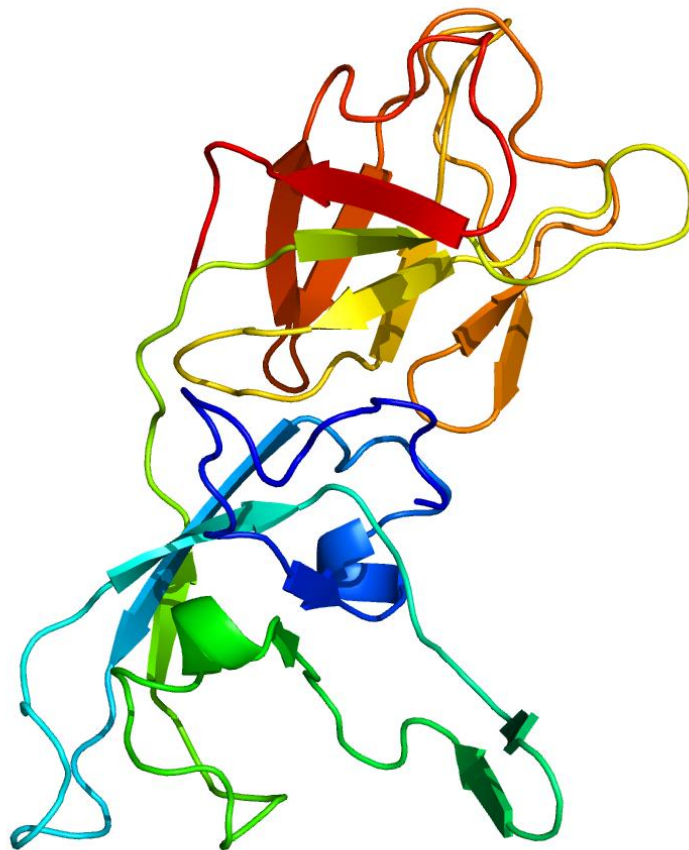
Locus: Thhalv10028249m

Gene Model: Thhalv10028249m

Description: EsEXPA-25

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0

KEGG: <https://www.genome.jp/entry/T02985>

EXTERNAL RESOURCES

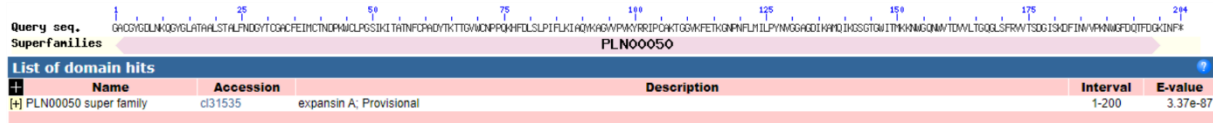
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GENE STRUCTURE



Legend:
Exon

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EsEXPA-25

GACGYGDLNKQGYGLATAALSTALFNDGYTCGACFEIMCTNDPKWCLPGSIKITATN
FCPADYTKTTGVWCNPPQKHFDLSLPIFLKIAQYKAGVVPVKYRRIPCAKTGGVKFE
TKGNPNFLMILPYNVGGAGDIKAMQIKSGTGWITMKNWGNQNWVTDVVLTGQGL
SFRVVTSDGISKDFINVVPKNWGFDTFDGKINF*

CDS (coding sequence)

>EsEXPA-25

GGAGCTTGTGGATACGGTGACCTAAACAAACAAGGCTATGGTCTAGCCACAGCG
GCGTTGAGCACGGCGCTTTTCAATGACGGGTACACGTGTGGGGCTTGTTTCGAGA
TCATGTGCACGAATGACCCAAAATGGTGTGGCCGGATCCATTAAGATTACAGC
TACAAATTTCTGTCCAGCAGACTACACCAAGACGACAGGCGTTTGGTGCAACCCA
CCACAGAAACACTTTGACCTCTCCCTACCAATATTCCTCAAGATCGCACATAACA
AAGCTGGGGTTGTCCCGTTAAATACAGGCGTATTCCTTGCGCAAAAACCGGCGG
TGTCAAGTTCGAAACCAAAGGAAACCCTAATTTCTTAATGATCCTTGCCGTACAAT
GTAGGAGGAGCCGGAGATATCAAGGCCATGCAGATTAAGGAAGCGGAACTGGA
TGGATAACCATGAAGAAGAATTGGGGACAGAACTGGGTCACTGATGTTGTGTTA
ACCGGACAAGGCTTATCATTAGGGTTGTGACGAGTGATGGGATTAGTAAGGATT
TTATTAATGTGGTACCAAAAATTGGGGATTTGATCAGACTTTTGTGGGAAGAT
TAACCTTTAG

Nucleotide

>EsEXPA-25

GGAGCTTGTGGATACGGTGACCTAAACAAACAAGGCTATGGTCTAGCCACAGCG
GCGTTGAGCACGGCGCTTTTCAATGACGGGTACACGTGTGGGGCTTGTTTCGAGA
TCATGTGCACGAATGACCCAAAATGGTGTGGCCGGATCCATTAAGATTACAGC
TACAAATTTCTGTCCAGCAGACTACACCAAGACGACAGGCGTTTGGTGCAACCCA
CCACAGAAACACTTTGACCTCTCCCTACCAATATTCCTCAAGATCGCACATAACA
AAGCTGGGGTTGTCCCGTTAAATACAGGCGTATTCCTTGCGCAAAAACCGGCGG
TGTCAAGTTCGAAACCAAAGGAAACCCTAATTTCTTAATGATCCTTGCCGTACAAT
GTAGGAGGAGCCGGAGATATCAAGGCCATGCAGATTAAGGAAGCGGAACTGGA
TGGATAACCATGAAGAAGAATTGGGGACAGAACTGGGTCACTGATGTTGTGTTA
ACCGGACAAGGCTTATCATTAGGGTTGTGACGAGTGATGGGATTAGTAAGGATT

TTATTAATGTGGTACCAAAAATTGGGGATTTGATCAGACTTTTGATGGGAAGAT
TAACTTTTAG