

IDENTIFICATION

Species: *Eutrema salsugineum*

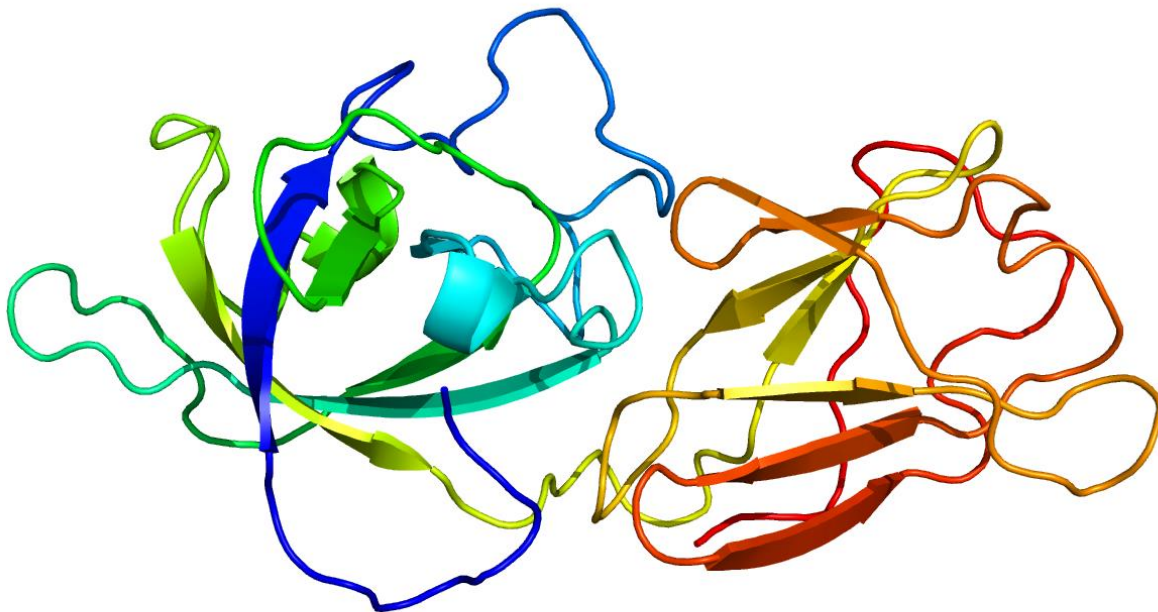
Locus: Thhalv10008566m

Gene Model: Thhalv10008566m

Description: EsEXPA-08

Family: Alpha Expansin

3D structure:



GENOME DATABASES

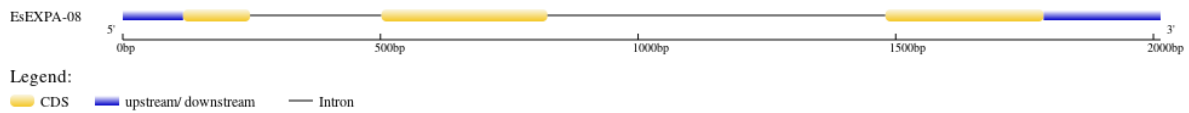
Phytozome: https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0

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

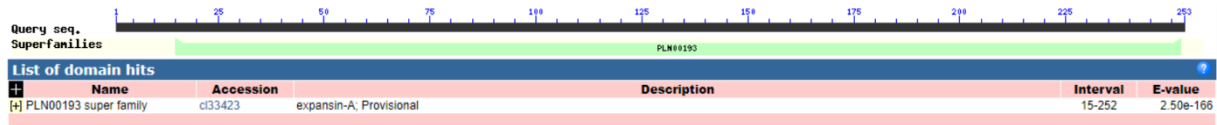
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EsEXPA-08

MAKSLAGLAVLAALFMAVDAFRPSGLTNGHATFYGGSDASGTMGGACGYGDLYSA
GYGTMTAALSTALFNDGASCGECYRITCDYAADSRWCKRGASVVITATNFCPPNFAL
PNNDGGWCNPPLKHFDMAQPAWEKIGIYRGGIVPVVFQRVSCYKKGGRFRINGRD
YFELVNISNVGGAGSIRSVSIGSKTGWLAMSRNWGANWQSNAYLDGQSLSFSTTT
DGATRVLNVVPSSWSFGQTYSSKIQF*

CDS (coding sequence)

>EsEXPA-08

ATGGCAAAGTCTCTAGCTGGATTGGCGGTTTTGGCCGCTCTTTTTATGGCGGTTGA
TGCGTTTAGGCCTTCTGGTTTAACCAATGGTCACGCCACATTCTATGGAGGAAGT
GACGCTTCTGGAACAATGGGGGGAGCTTGTGGGTACGGAGATCTCTACTCGGCCG
GGTACGGGACAATGACGGCGGCGTTAAGCACGGCCTTGTTCAACGACGGAGCTT
CTTGCGGCGAGTGCTACAGGATAACGTGCGATTACGCGGCGGACTCACGGTGGTG
CAAGAGAGGAGCTTCGGTGGTTATCACTGCCACCAATTTCTGCCACCAAACCTC
GCTCTACCAACAACGACGGTGGTTGGTGCAATCCGCCGCTCAAACATTTTCGATA
TGGCTCAACCCGCTTGGGAAAAGATCGGAATTTACAGAGGCGGTATCGTTCCTCGT
CGTTTTCAAAGAGTAAGCTGTTACAAGAAAGGAGGAGTGAGATTCAGGATAAA
CGGAAGGGATTACTTCGAGCTAGTAAACATATCGAACGTAGGAGGAGCAGGTTT
GATCAGATCTGTGTCCATTAAAGGATCAAAGACAGGTTGGTTAGCCATGTCTCGC
AACTGGGGAGCTAATTGGCAATCAAACGCTTATCTCGATGGCCAATCTCTCTCTTT
CTCCATTACCACAACCGATGGTGCTACAAGAGTCTTCCTCAATGTTGTTCTTCTT
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Nucleotide

>EsEXPA-08

CTACTACATAGTTTACACACACTTCCCACCTTTATTTAAACAACCTCTCTCTCCTTC
ACTCGATCATCATCAGCATCATCATCATAATCTCTTTCTTCTTGTACGACTTA
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ACCATAATCCATTATTATTTGATTCTAAATAATATTTTAAAATCAAGTGTTATTGG
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