

## IDENTIFICATION

**Species:** *Eutrema salsugineum*

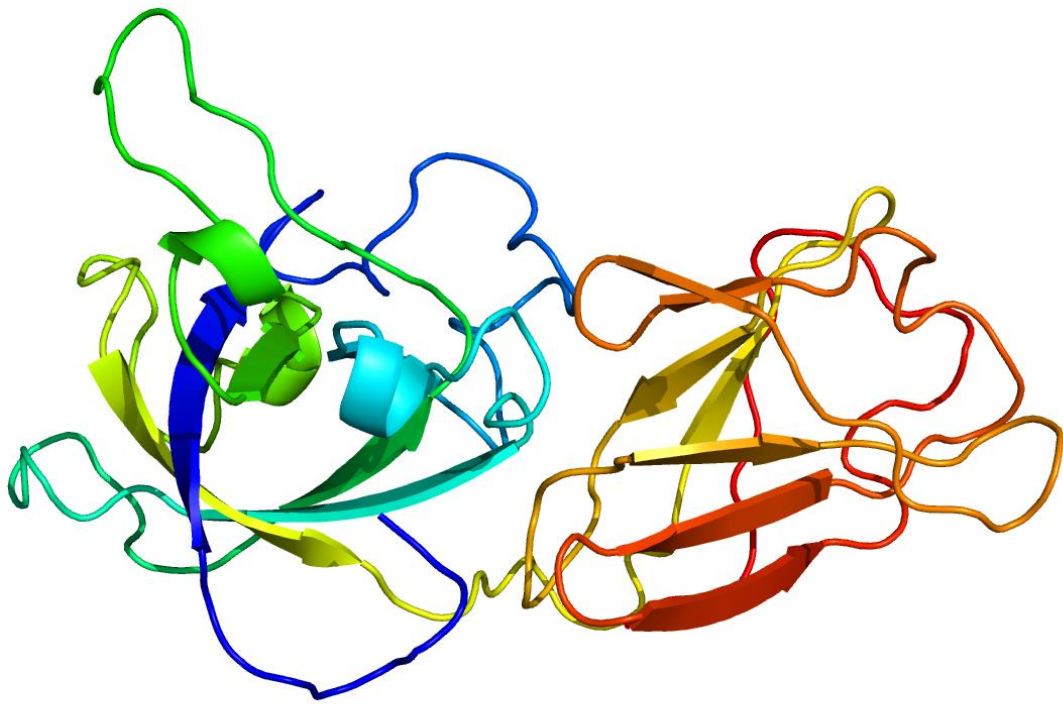
**Locus:** Thhalv10004804m

**Gene Model:** Thhalv10004804m

**Description:** EsEXPA-13

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

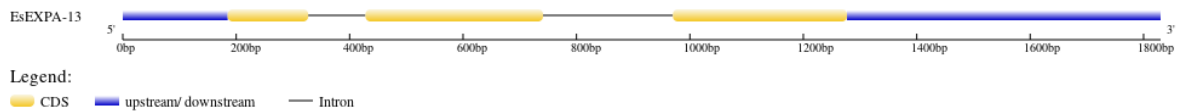
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Esalsugineum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0)

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

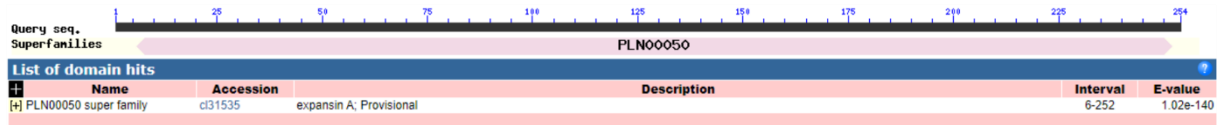
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>EsEXPA-13

MFMGKMALLGIFMMGLSAMVCSVHGYDASWVNAHATFYGGSDASGTMGGACGY  
GNLYSQGYGTNTAALSTALFNGLSCGACFEIRCQSDGAWCLPGAIVVTATNFCPPN  
NALPNNAGGWCNPPLHHFDLSQPIFQRIAHYKAGVVPVSYRRVPCKRRGGIRFTING  
HSYFNLVLVTNVGGAGDVHSVAVKGSRTRWQQMSRNWQNWQSNLLNGQALS  
KVTASDGRTVVSNNIAPASWSFGQTFTRQFR\*

### CDS (coding sequence)

>EsEXPA-13

ATGTTTCATGGGAAAATGGCTCTTTTGGGGATTTTTATGATGGGTTTGTCTGCAAT  
GGTATGCTCTGTTACGGTTATGACGCTAGTTGGGTCAATGCTCATGCCACTTTCT  
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CTACAGTCAAGGATACGGAACCAACACGGCGGCGTTAAGCACCGCACTGTTCAA  
CAACGGGCTAAGCTGCGGCGCGTGTTCGAGATCCGGTGTGAGAGCGACGGCGC  
GTGGTGTTCCTGGTGCAATCGTTGTACGGCCACAACTTCTGTCTCCGAACA  
ACGCGTTGCCGAATAACGCCGGTGGTTGGTGTAAACCCACCGCTTCACCATTTCGA  
TCTCTCTCAGCCTATTTTCCAACGCATTGCTCATTACAAAGCTGGTGTGTCCCTG  
TCTCTACAGAAGGGTCCGTGTAAGAGAAGGGGAGGAATAAGATTCACAATCA  
ATGGTCACTCATACTTCAACCTTGTCTTGGTCACCAATGTTGGCGGGCGCCGGAGA  
TGTTCACTCGGTGGCGGTTAAAGGTTTCGAGGACTAGATGGCAACAAATGTCAAGG  
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TTAAGGTTACTGCTAGTGATGGTTCGAACAGTCGTCTCCAACAACATTGCTCCGGC  
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### Nucleotide

>EsEXPA-13

AAGCAACTCTCTCTCCTTCACATTCCATTTTCTCACTCTCTGTAAAGCTCTGCTC  
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