

## IDENTIFICATION

**Species:** *Eutrema salsugineum*

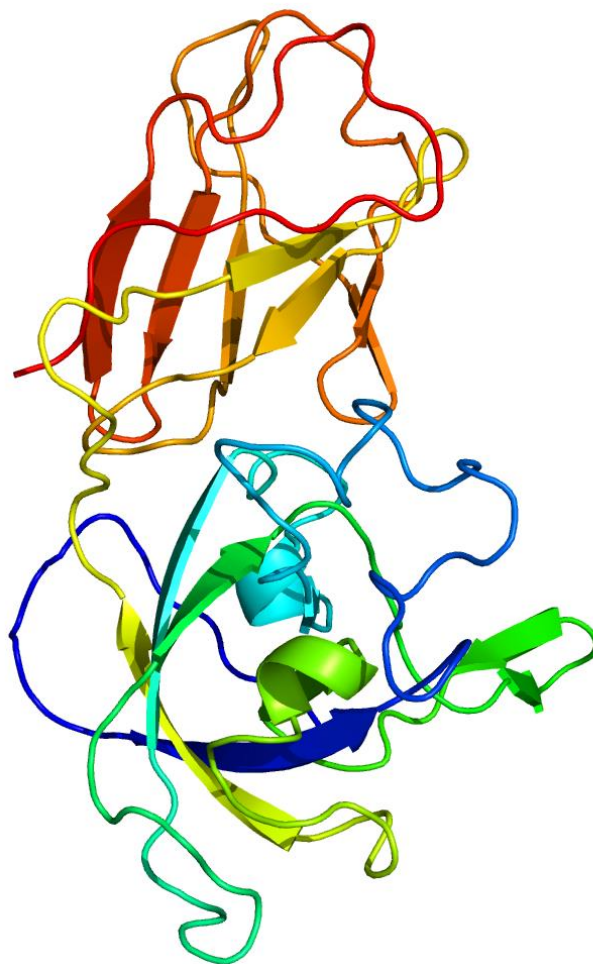
**Locus:** Thhalv10021327m

**Gene Model:** Thhalv10021327m

**Description:** EsEXPA-21

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

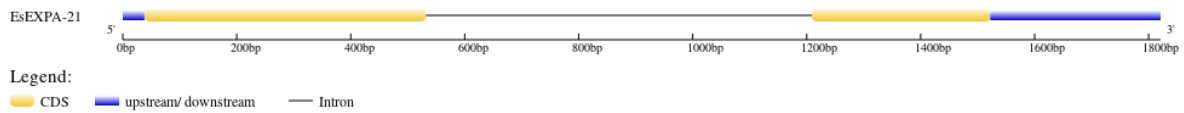
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Esalsugineum\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0)

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

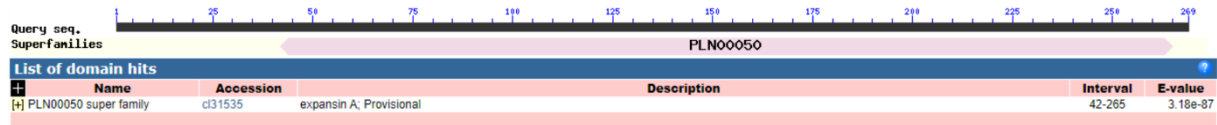
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>EsEXPA-21

MQLFLPLLLLLLVALSPPVTSHYSSSTSSPSSSVSSDASEWRPARATYYAASNPRDAV  
GGACGYGDLVKSQYGMATVGLSETLFRGQICGACFELRCVDDLRCIPGTSIIVTA  
TNFCPPNYGFDPDGGGHCNPPNKHVLPLEAFEMVAIWKAGNMPVQYRRINCRREGS  
IRFTVDGGGIFISVLITNVAGSGDIAAVKIKGSRTGWLPMGRNWGQNWGINADLKNQ  
ALSFEVTASDRSTVTAYNVAPRNWNYGQTFEGKQFETP\*

### CDS (coding sequence)

>EsEXPA-21

ATGCAACTGTTTCTACCTTTACTCCTCCTCCTCCTCGTCGCACTGTGCGCCGCCGGT  
GACTTCCCATTACTCTTCCTCAACCTCCTCCTTCTTCTTCCCTCCGTCTCTCCGA  
CGCCTCCGAATGGCGTCCCGCTCGAGCCACCTACTACGCCGCTTCGAATCCTCGA  
GACGCGGTGGGCGGTGCGTGTGGATACGGAGATCTCGTTAAATCTGGGTACGGTA  
TGCGGACGGTTGGCCTGAGCGAGACTCTGTTTGAGCGTGGTCAGATCTGTGGTGC  
TTGTTTCGAGCTCAGATGTGTCGATGATCTCCGTTGGTGTATCCCTGGAACCTCAA  
TCATCGTCACCGCCACGAATTTCTGCCCTCCTAATTACGGATTTGATCCCGACGGT  
GGTGGTCACTGTAACCCTCCGAACAAACATTTCTGTGCTGCCGATTGAGGCGTTTG  
AGATGGTCGCTATTTGGAAAGCTGGGAACATGCCGGTGCAGTATCGAAGGATCA  
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CTCGGTTCTGATCACCAATGTTGCGGGATCCGGTGATATAGCTGCTGTGAAGATC  
AAAGGGTCGAGAACCGGGTGGTTACCAATGGGTCGTAATTGGGGACAAAATTGG  
CACATAAATGCTGATCTCAAGAACCAAGCTCTCTCATTTGAAGTAACTGCTAGTG  
ACAGATCAACCGTGACAGCTTACAACGTCGCTCCTAGAACTGGAATTACGGACA  
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### Nucleotide

>EsEXPA-21

TACATTCACACTTCGCTCTCTTCCTCTCTCCTTCGGAGATGCAACTGTTTCTACCTT  
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