

IDENTIFICATION

Species: *Eutrema salsugineum*

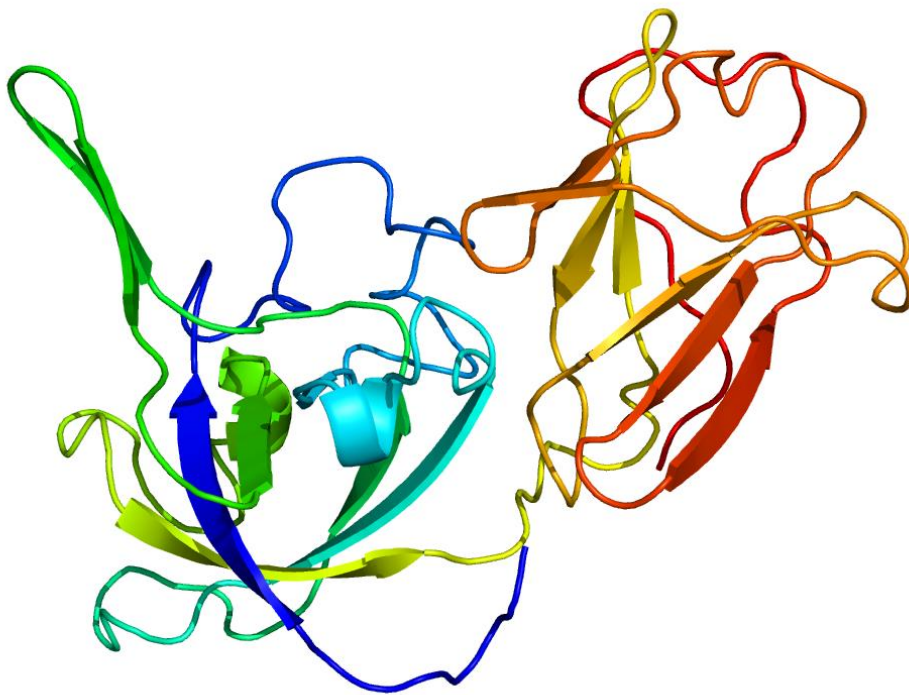
Locus: Thhalv10019043m

Gene Model: Thhalv10019043m

Description: EsEXPA-15

Family: Alpha Expansin

3D structure:



GENOME DATABASES

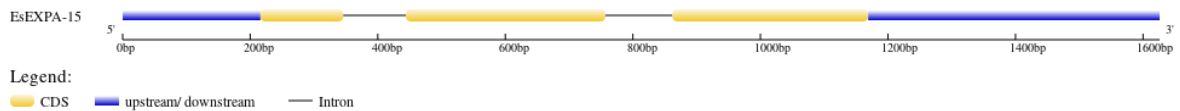
Phytozome: https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0

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

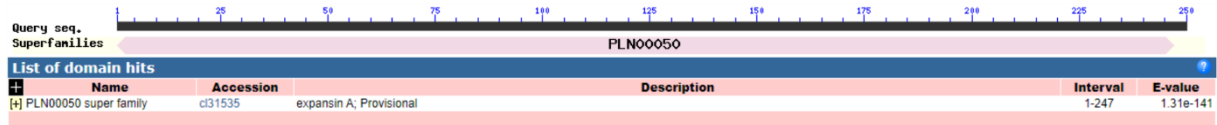
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EsEXPA-15

MGLIGFLLMVILGVMTSCVNGYGGGWVNAHATFYGGGDASGTMGGACGYGNLYS
QGYGTNTAALSTALFNGLSCGACFEIRCQNDGKWCLPGSIVVTATNFCPPNNALPN
NAGGWCNPPQQHFDLSQPVFQRIAQYRAGIVPVA YRRVPCVRRGGIRFTINGHSYFN
LVLITNVGGAGDVHSAAVKGSRTGWQAMSRNWGQNWQSN SYLNGQALSFKVTTS
DGRTIVSNNVASAGWSFGQTFTGAQIR*

CDS (coding sequence)

>EsEXPA-15

ATGGGTCTTATCGGCTTCTTGTTAATGGTTATTCTCGGAGTAATGACGTCATGCGT
CAATGGCTACGGTGGCGGTTGGGTAAACGCACACGCTACATTCTACGGCGGTGGT
GATGCCTCCGGCACAATGGGAGGTGCTTGTGGTTACGGAAACCTCTACAGCCAAG
GGTATGGAACAAACACGGCGGCGCTGAGCACGGCTCTGTTCAACAACGGGTTGA
GTTGTGGTGCTTGCTTCGAGATAAGATGTCAAACGACGGAAAATGGTGTCTCCC
TGGTTCGATCGTCGTACAGCAACTAACTTTTGCCCGCCAAACAACGCTTTACCTA
ACAACGCAGGAGGTTGGTGTAAACCCTCCTCAGCAGCATTTCGATCTCTCTCAGCC
CGTTTTTCAACGCATCGCTCAATACAGAGCCGGCATTGTCCCCGTCGCCTACAGA
AGAGTGCCTTGTGTGAGAAGGGGAGGAATAAGATTTACGATAAACGGACATTCT
TACTTCAACCTCGTTCTGATAACCAACGTAGGAGGAGCCGGAGATGTTCACTCGG
CGGCGGTTAAGGGTTCAAGAACAGGGTGGCAAGCTATGTCAAGGAACTGGGGAC
AAAACCTGGCAGAGTAACTCTTACCTAAACGGACAAGCTCTCTCTTTTAAAGTCAC
AACCAGCGATGGTCGGACCATCGTCTCCAACAACGTCGCTTCCGCAGGCTGGTCC
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Nucleotide

>EsEXPA-15

AAACAACAGATTCTCATAATCATCTCTCTCTTTTTCTCTTTAAGAACGGAAGAAA
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CATGACACATACTAGTTTTAGCTCCTTTCATCTTCTTCAAAAATGTGCTAAAAAC
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