

IDENTIFICATION

Species: *Eutrema salsugineum*

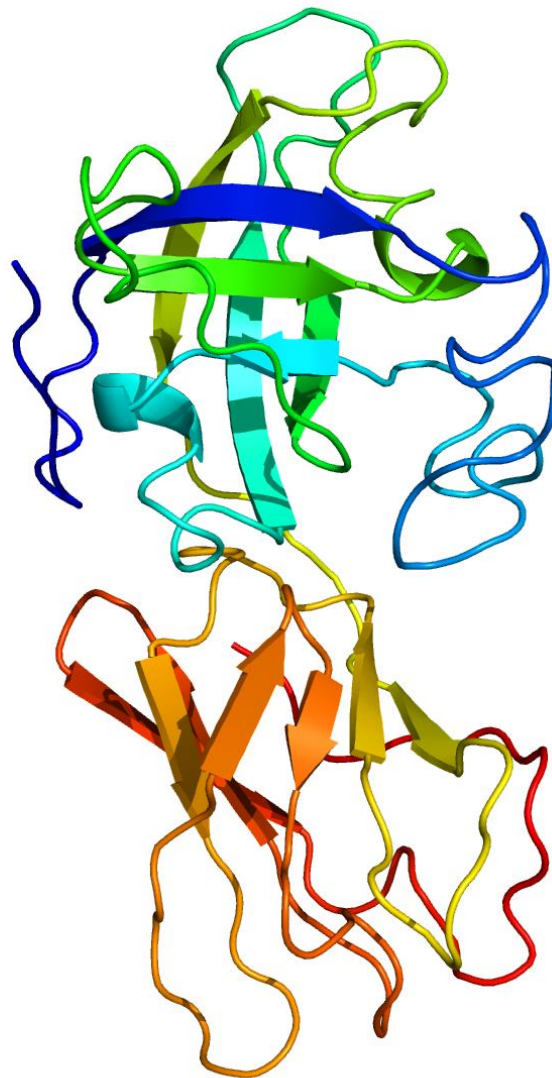
Locus: Thhalv10004799m

Gene Model: Thhalv10004799m

Description: EsEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

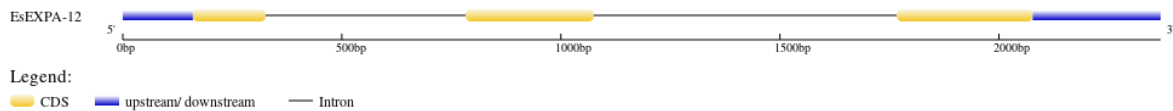
Phytozome: https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0

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

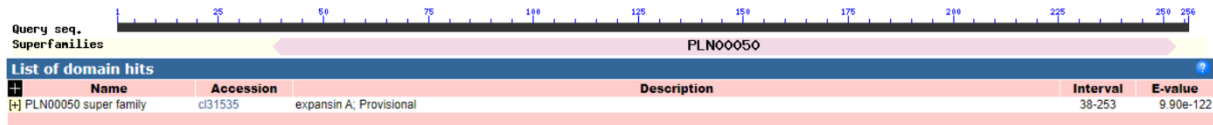
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EsEXPA-12

MGFLVISALLHVLTVSVCVQGFYRRGGHHHGGHGGPWINAHATFYGGGDASGTMG
GACGYGNLYSQGYGTETAALSTALFDNGLTCGACFELMCVNDPQWCIKGRSIVVTA
TNFCPPGGACDPPNHFDLSQPIYERIALYKSGIIPVMYRRVRCKRRGGIRFTINGHSY
FNLVLTNVGGAGDVHSVSMRGSRTKWQFMSRNWQNWQSN SYLNGQSLSFVVT
TSDRRSVVSYNVAPPTWSFGQTYTGGQFRY*

CDS (coding sequence)

>EsEXPA-12

ATGGGGTTTTAGTAATCTCGGCTCTCCTGCTGCATGTCCTAACGATTTCCGTCTG
CGTTCAAGGCTTTTACCGTCGTGGTGGCCACCATCACGGTGGCCACGGTGGGCCG
TGGATCAACGCTCATGCCACTTTCTACGGCGGTGGTGTGCTTCCGGCACTATGG
GTGGAGCGTGTGGGTACGGGAATCTGTACAGCCAAGGTTACGGAACGGAGACGG
CGGCGCTGAGCACGGCGTTATTCGATAACGGACTTACCTGTGGTGCCTGCTTCGA
GCTGATGTGTGTC AACGATCCTCAATGGTGCATAAAAGGCCGCTCCATTGTGGTC
ACTGCCACTAACTTTTGTCTCCTGGTGGCGCCTGCGATCCTCCCAACCACCATTT
CGATCTTCTCAGCCCATCTACGAGCGAATCGCTCTATACAAATCCGGTATCATCC
CGGTTATGTACAGAAGGGTTCGGTGC AAGAGAAGGGGCGGGATAAGGTTACGA
TCAACGGACACTCATACTTCAATTTGGTGTGCTGGTCACAAACGTTGGTGGGGCTGG
GGACGTACACTCTGTCTCGATGAGAGGTTCAAGGACAAAATGGCAATTCATGTCA
AGAAACTGGGGGCAA AATTGGCAAAGCAACTCTTATCTCAACGGTCAAAGTCTGT
CGTTTGTGTCACCACAAGTGATCGCCGAAGTGTCGTCTCGTACAATGTTGCTCCT
CCCACTTGGTCCTTTGGCCAGACCTACACCGGAGGGCAGTTTCGGTACTAA

Nucleotide

>EsEXPA-12

CTCAA ACTCTGTCCGAATCCTTCTCCCTATTTATACCACTCTCTTCTTCTTCTTAA
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GAGCTGATGTGTGTCAACGATCCTCAATGGTGCATAAAAGGCCGCTCCATTGTGG
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