

IDENTIFICATION

Species: *Eutrema salsugineum*

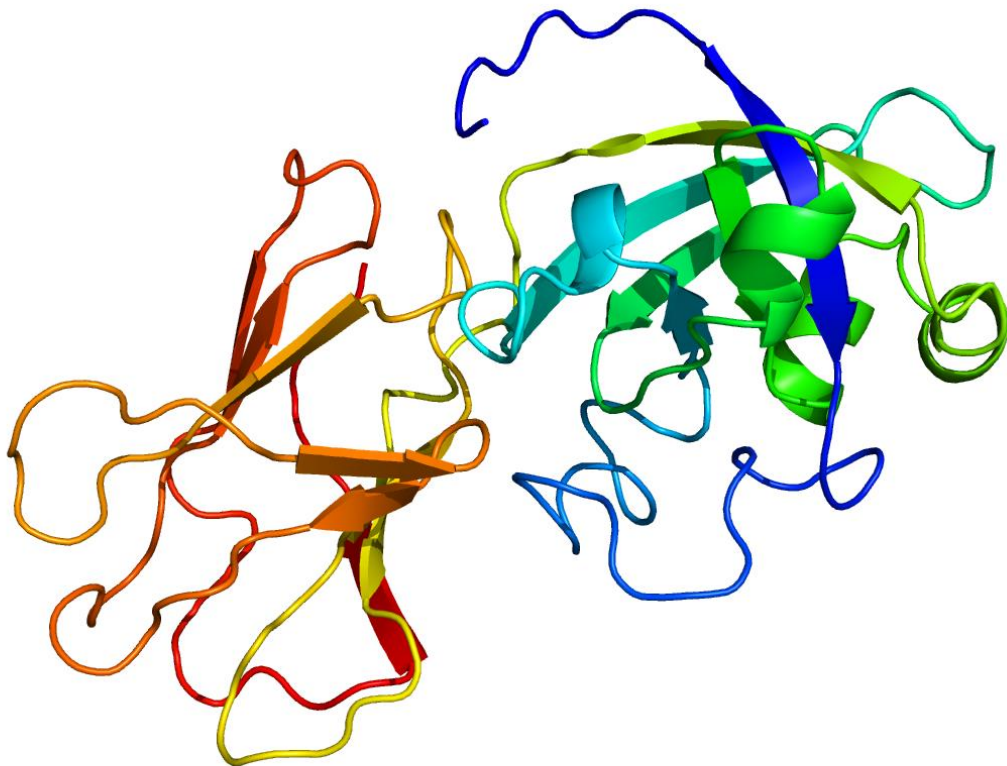
Locus: Thhalv10001589m

Gene Model: Thhalv10001589m

Description: EsEXPB-05

Family: Beta Expansin

3D structure:



GENOME DATABASES

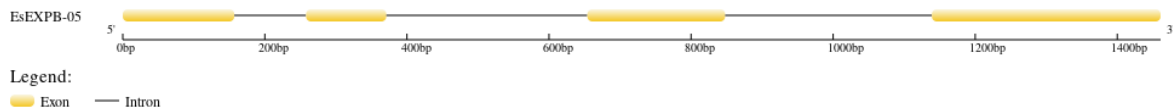
Phytozome: https://phytozome-next.jgi.doe.gov/info/Esalsugineum_v1_0

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

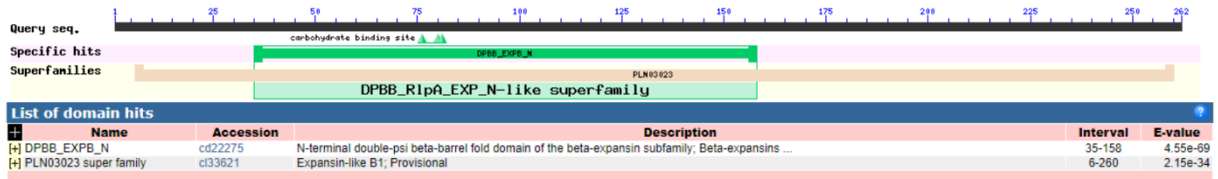
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EsEXPB-05

MATSSSHRCLALFALFAVSLKFCYCQNETIDAAGWGNAGVTWYGEAEGAGSTGGA
CGYGAAVANPPFYAMVSAGGPSLFNNGNGCGTCYQIMCTENPACSGRPITVTIAD
PGGPCASEPVHFDLSGKAIGALAKPGQASRLRDAGVLRVGYRRAPCLYKGT
SIAFRIDAGANPFYIAFVVEYENGDGDLASVEIQPAGGGFISMQEMRSAVW
KVNSGSALRGPFSVRLTSRESRKVITAQAVIPANWRADQTYRSVNF*

CDS (coding sequence)

>EsEXPB-05

ATGGCAACATCATCGTCACATAGATGTCTTGCTCTCTTTGCTCTTTTTGCAGTCTCT
CTAAAGTTTTGTTATTGTCAAACGAACTATAGATGCCGCAGGCTGGGGCAACG
CCGGTGTACTTGGTACGGTGAAGCTGAGGGCGCCGGTAGCACAGGAGGAGCTT
GTGGATATGGTGCAGCAGTGGCCAATCCACCGTTTTACGCGATGGTTTCAGCCGG
AGGCCCTTCACTATTCAACAATGGTAATGGATGTGGAACATGTTATCAGATTATG
TGCACCGAGAATCCAGCGTGTTACAGGGAGACCAATAACGGTGACGATAGCGGAC
GAGTGCCCCGGTGGTCCTTGCGCCTCCGAGCCAGTCCACTTCGACCTTAGCGGCA
AAGCCATTGGTGCCTTAGCCAAACCTGGTCAAGCCTCTCGACTTCGAGACGCTGG
TGTTCTCCGTGTTGGTTACAGACGTGCTCCGTGTTTATATAAAGGGACTAGTATAG
CATTCCGTATTGATGCTGGAGCAAATCCGTTCTACATTGCATTTGTTGTGGAATAC
GAAAACGGTGACGGAGATTTGGCCTCCGTTGAGATTCAACCGGCCGGGAGGAGGA
TTTATCTCCATGCAAGAAATGAGATCAGCCGTATGGAAGGTAACTCCGGCAGTG
CTCTGAGAGGTCCGTTACAGCGTTAGACTTACATCTCGCGAGTCTCGTAAAGTAAT
CACCGCTCAAGCCGTTATTCCAGCTAATTGGAGGGCCGACCAGACTTACCGATCA
GTGGTAACTTTTAG

Nucleotide

>EsEXPB-05

ATGGCAACATCATCGTCACATAGATGTCTTGCTCTCTTTGCTCTTTTTGCAGTCTCT
CTAAAGTTTTGTTATTGTCAAACGAACTATAGATGCCGCAGGCTGGGGCAACG
CCGGTGTACTTGGTACGGTGAAGCTGAGGGCGCCGGTAGCACAGGTACGTAATT
ACGTATACCACTTGACGCATATATATAATTTGTTCTTCGAGTATATATCTCGATTT
AGATAATATTTATGTATATCGATACTTATATATAGGAGGAGCTTGTGGATATGGT

GCAGCAGTGGCCAATCCACCGTTTTACGCGATGGTTTCAGCCGGAGGCCCTTCAC
TATTCAACAATGGTAATGGATGTGGAACATGTTATCAGGTACATTATATATTAGC
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GAGAATCCAGCGTGTTCAAGGAGACCAATAACGGTGACGATAGCGGACGAGTGC
CCCGGTGGTCCTTGCGCCTCCGAGCCAGTCCACTTCGACCTTAGCGGCAAAGCCA
TTGGTGCCTTAGCCAAACCTGGTCAAGCCTCTCGACTTCGAGACGCTGGTGTCTC
CGTGTGGTTACAGACGGTACGTATATAAAAACGTTATTCTCCTAAAAAATTAT
GATGTTTCTCGTACATTTCTAAATTCTAATCCATTTGATCAGTGGATTGGACATAA
ACTAGAATCCGTATGTTTCCCTTCTGGTTCTTATTTATAAAATTCATCATATTTTCA
CGATTCTATATTTTTGAAAGATAATTATGTTAAACGAAAATGTATCATTGAACTAT
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TAGCATTCCGTATTGATGCTGGAGCAAATCCGTTCTACATTGCATTTGTTGTGGAA
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GGATTTATCTCCATGCAAGAAATGAGATCAGCCGTATGGAAGGTAAACTCCGGCA
GTGCTCTGAGAGGTCCGTTCAAGCCTTACACTTACATCTCGCGAGTCTCGTAAAGT
AATCACCGCTCAAGCCGTTATTCCAGCTAATTGGAGGGCCGACCAGACTTACCGA
TCAGTGGTTAACTTTTAG