

IDENTIFICATION

Species: *Eutrema salsugineum*

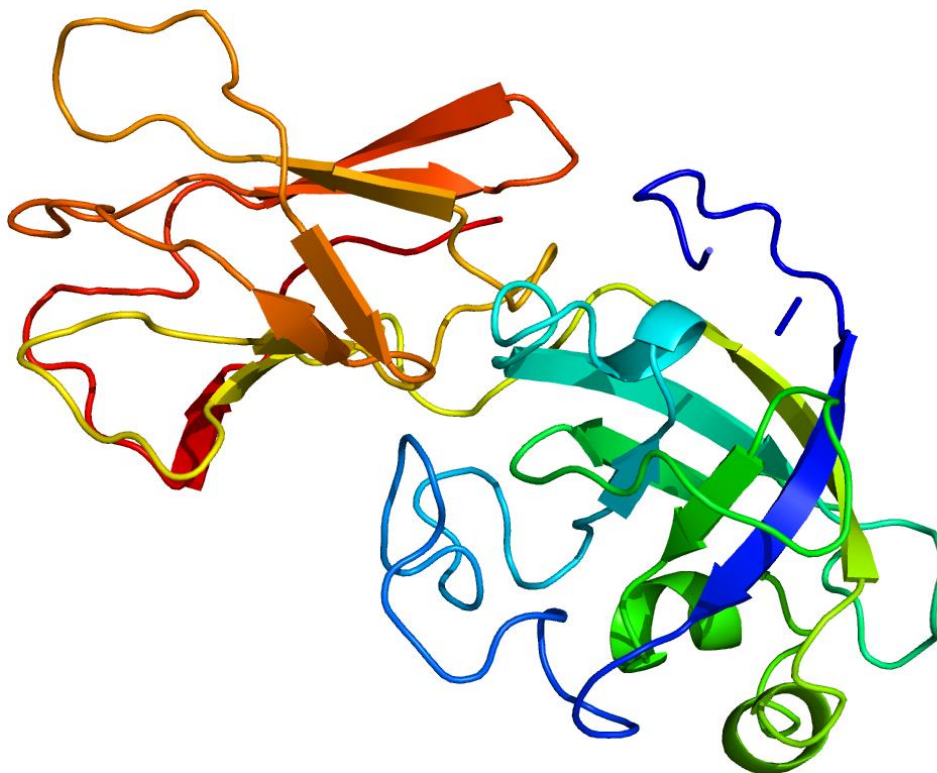
Locus: Thhalv10025985m

Gene Model: Thhalv10025985m

Description: EsEXPB-01

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>

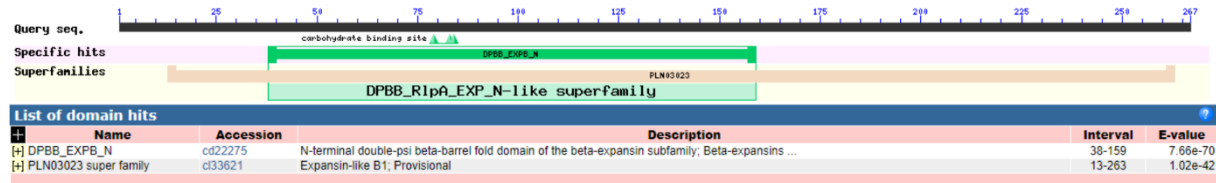
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>EsEXPB-01

MQLPSPVILATLCIVLQLLINSSASVTTNRHVSNAHWLPAVATWYGSPNGDGSDDGGA
CGYGLVDVKPFHARVGA VNPILFKNGEGCGACYKVRCLDRNICSRAVTVIVTDEC
PGCSKTNTHFDLSGSAFGR LAISGESGPLRNRGLIPVIYRRTACKYRKKNIAFHVNEGS
TDFWLSLLVEFEDGEGDIGSMHIRQAGSMEWLEMKHVWGANWCIIGGPLKGPFSVK
LTTLSSGKTLSATDVVPRNWAPKATYTSRLNFSPVL*

CDS (coding sequence)

>EsEXPB-01

ATGCAGCTCCCTTCTCCGGTCATCATCTTAGCCACACTCTGCATTGTCCTGCAGCT
TTCATAAACTCCTCCGCCTCGGTGACCACCAATCGACACGTGTCGAACGCTCAT
TGGCTTCCCGCCGTGGCCACCTGGTATGGAAGCCCCAACGGCGACGGTAGCGACG
GAGGAGCGTGTGGGTATGGTTCGTTGGTGGATGTGAAGCCGTTCCATGCGAGGGT
TGGAGCTGTGAATCCTATCCTATTCAAGAACGGTGAAGGCTGTGGCGCTTGTTAC
AAGTTCCGGTGTGGACAGGAACATTTGTTCCCGGAGAGCCGTCACCGTCATCG
TCACCGACGAGTGTCCCGGCTGCTCTAAAACCAACTCACTTTGATCTAAGTGG
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AGCGTTTCATGTAAACGAAGGATCAACTGATTTTTGGTTGTCTCTACTGGTTGAGT
TCGAAGACGGAGAAGGCGACATTGGCTCCATGCATATACGCCAAGCAGGATCGA
TGGAGTGGTTAGAGATGAAGCACGTATGGGGAGCTAACTGGTGCATCATCGGAG
GACCCCTTAAAGGACCATTCTCCGTTAAGCTCACCACCTTTGTCCTCCGGTAAAAC
ACTCTCTGCCACCGACGTCGTCGCCAGAACTGGGCTCCCAAAGCAACTTACACT
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Nucleotide

>EsEXPB-01

GAACTCACTCACTCTCTCTCACTGTCGGCAAACTAACTTCTTTCCCTTTCCCA
CTGTGACCGTTTCCGGCGACACAGGTGATATCTCCGGCAGAAATGCAGCTCCCTT
CTCCGGTCATCATCTTAGCCACACTCTGCATTGTCCTGCAGCTTCTCATAAACTCC
TCCGCCTCGGTGACCACCAATCGACACGTGTCGAACGCTCATTGGCTTCCCGCCG
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