

IDENTIFICATION

Species: *Zostera marina*

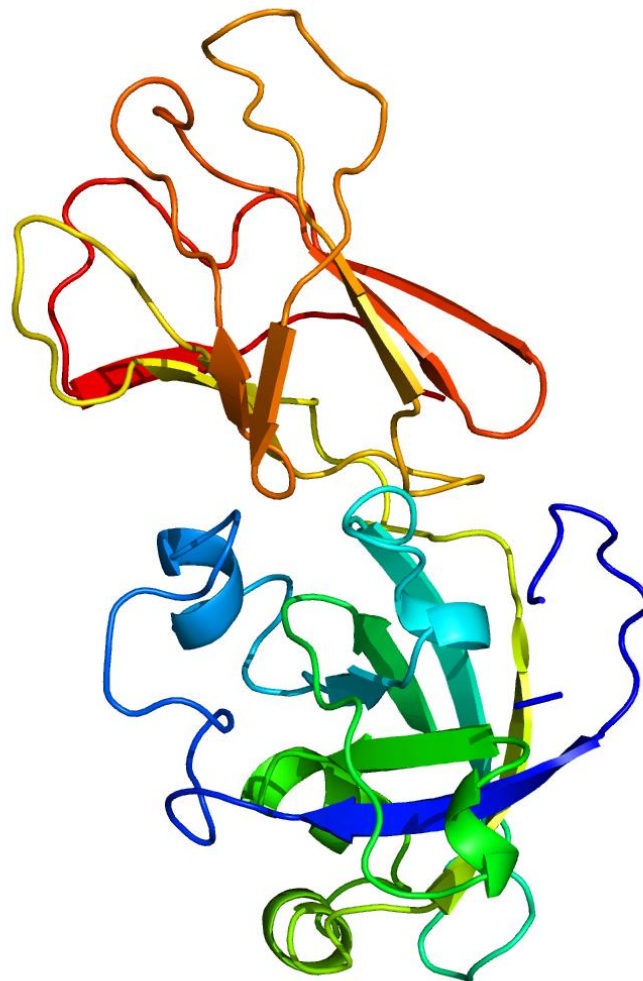
Locus: Zosma85g00480

Gene Model: Zosma85g00480.1

Description: ZmrEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

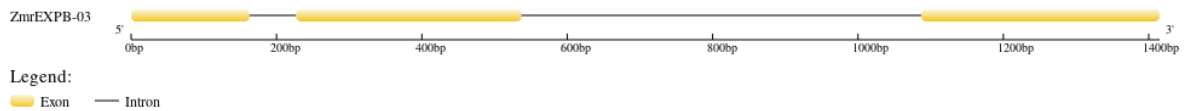
Phytozome: https://phytozome-next.jgi.doe.gov/info/Zmarina_v2_2

KEGG:-

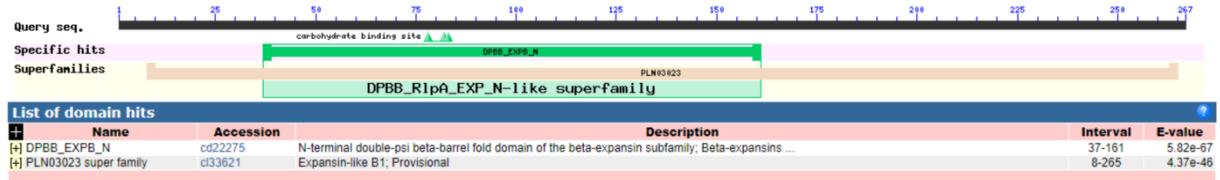
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ZmrEXPB-03

MSIVLAPFSIFAIVYLLFLSNPCTVYAKDHNISAAKWTSAGATWYGAPTGFSDGGAC
GYTTSVQSKPFSSMIAAGNPTLFRSGKGCCECYQVMCNAKPECSKKSIEVVITDLCPP
GGQCTAQKVHFDLSGTAFGALAKKKGKENELRNVGILPVLYKRVECDYPGYNLIFKID
AGSNPYYLAVLIEYERGDGDLAVSLKDGS AKSKEWKSMNHSWGAIWKLDAGTKL
TGPLSIKITTMKGKCLKVKNVIPVNWGPGQTYRAKVN F*

CDS (coding sequence)

>ZmrEXPB-03

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AGCTTGTGGATACACGACAAGCGTTCAGAGCAAACCGTTCTCGTCTATGATAGCA
GCTGGAAACCCTACGTTATTCCGGTCTGGAAAAGGATGTGGTGAATGCTATCAGG
TGATGTGCAATGCAAACCAGAATGTTCTAAGAAATCCATCGAGGTGGTGATAAC
TGATCTGTGCCCTCCGGGAGGTCAATGCACTGCACAGAAGGTTCAATTCGATTTG
AGTGGTACAGCTTTTGGTGCATTGGCAAAAAAGGGAAAGAGAATGA ACTTCGA
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ACA ACTTAATATTCAAGATTGACGCTGGATCCAACCTTACTACTTAGCCGTCCTC
ATTGAATACGAAAGAGGTGACGGCGATCTCTCAGCTGTGAGTTTGAAGGATGGAT
CCGCAAAGAGCAAGGAATGGAAGTCCATGAATCATT CATGGGGTGCAATTTGGA
AGCTAGACGCCGGGACAAAGTTAACAGGACCATTGTCGATCAAATAACTACAA
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Nucleotide

>ZmrEXPB-03

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