

IDENTIFICATION

Species: *Daucus carota*

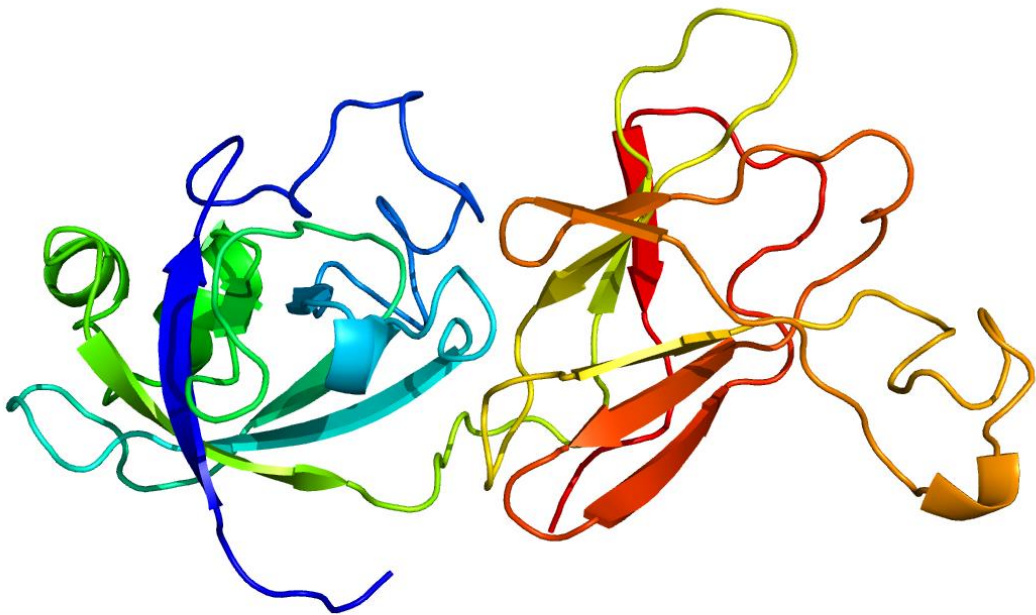
Locus: DCAR_018089

Gene Model: DCAR_018089

Description: DcEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

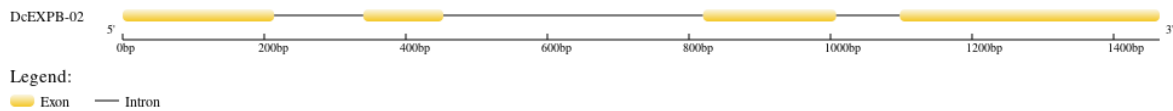
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

KEGG: <https://www.genome.jp/entry/T05350>

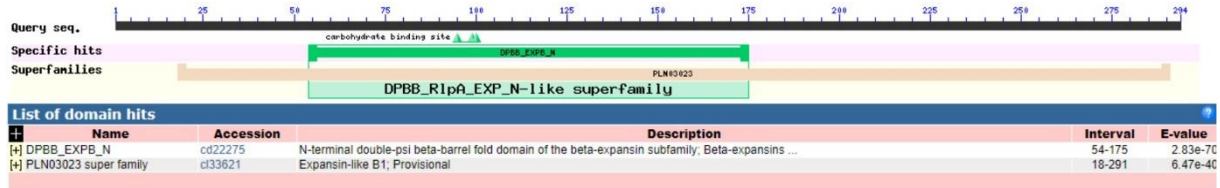
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPB-02

MATNVSPVLFSVSNLPHFFIVYTLCLLVFCSLNFNLCYGIRARHFNLSTVATHWSTAG
ATWYGSPQGAGSDGGSCGYGDLVSQPPFSSMITGIGPSLYNSGKECGACYQVKCTKH
PSCSGKPARVVITDFCPGCTTEKAHFDLSGTSFGAMAIPGQEKHLRDAGILEIRFARVA
CDYAGTNI AFHVDQGSNSNYIAFVVEFEEGDGDIGAVGLMETTSSSKTSSTNGQVITT
EWRGMQQSWGAVWKLDAGGELKPPLSIQLTSQYTEQTIVAKNVIPVGWKPGATYRS
VVNFL*

CDS (coding sequence)

>DcEXPB-02

ATGGCTACTAATGTTTCCCCTGTGCTCTTTTCAGTTTTCGAATTTACCACATTTCTTC
ATTGTTTACACATTGTGCTTGCTGGTTTTCTGTAGTCTTAATTTAACTTGTGCTAT
GGGATCAGAGCAAGACATTTTAACTTGTCCACTGTAGCCACTCACTGGTCCACTG
CTGGTGCAACATGGTACGGCAGCCCTCAAGGCGCCGGAAGCGATGGAGGATCAT
GTGGATATGGGGATTTAGTGTCTCAACCACCTTTTTCTTCAATGATTACTGGAATT
GGCCCTCCCTGTACAATTCTGGCAAGGAATGTGGAGCTTGCTATCAGGTGAAAT
GTACCAAACACCCTTCTTGCTCAGGCAAGCCAGCAAGAGTTGTGATTACTGACTT
TTGCCCTGGATGCACAACCGAGAAAGCTCATTTTCGATTTAAGTGGAACATCATTT
GGTGCCATGGCCATTCCTGGTCAGGAGAAACATCTCCGAGATGCTGGAATTTTAG
AAATCAGATTTGCTCGTGTGCGTGTGATTATGCTGGGACAAACATAGCATTCCA
CGTTGACCAGGGATCAAACCTAATTACATTGCATTCGTGGTTGAGTTTGAGGAA
GGAGATGGTGATATTGGCGCGGTTGGCCTAATGGAAACCACCTCCTCATCAAAAA
CCTCGAGTACTAATGGCCAGGTAATCACAACCTGAATGGAGGGGAATGCAACAAT
CCTGGGGCGCAGTTTGGAAGCTCGATGCTGGCGGAGAATTAACCTCCATTGTC
AATCCAATTAACCTCTCAGTATACAGAACAGACAATAGTCGCAAAGAATGTGATT
CCAGTAGGCTGGAAACCTGGTGCCACCTATCGTTCCTGGTCAATTTTCTTTGA

Nucleotide

>DcEXPB-02

ATGGCTACTAATGTTTCCCCTGTGCTCTTTTCAGTTTTCGAATTTACCACATTTCTTC
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ACACCCTTCTTGCTCAGGCAAGCCAGCAAGAGTTGTGATTACTGACTTTTGCCCTG
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CGTTCCGTGGTCAATTTTCTTTGA