

IDENTIFICATION

Species: *Daucus carota*

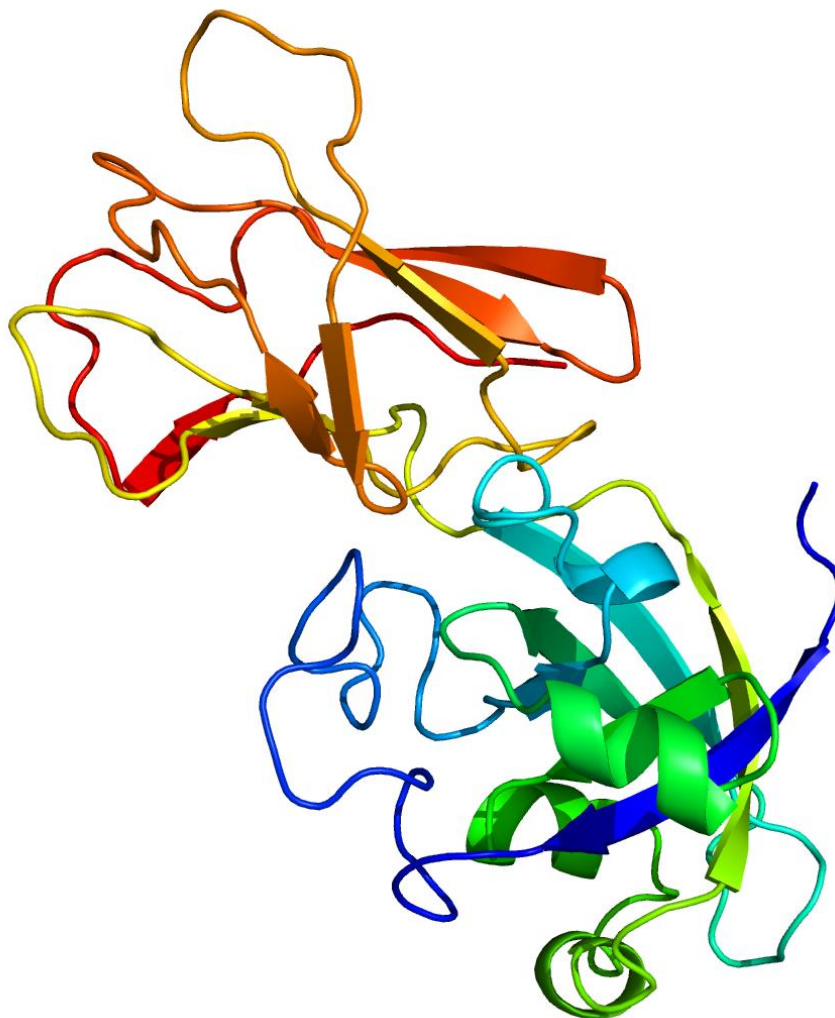
Locus: DCAR_019186

Gene Model: DCAR_019186

Description: DcEXPB-03

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>

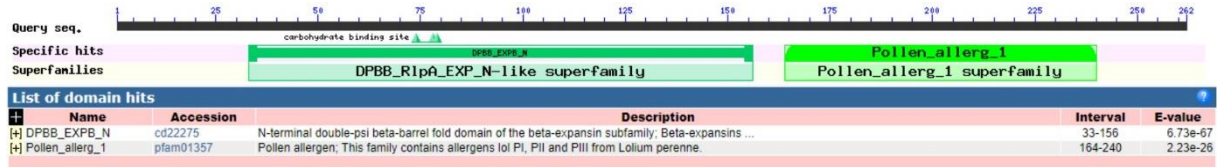
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPB-03

MYIFRQLPLLLLCFFIPFSAAPLHRGAPASRWLSATATWYGSPDGDGSDGGACGYG
SMVDVKPYRARVGA VSPILFKGGEGCGACYKVRCLDRSICARRAVTVIITDECPGGY
CSGGRTHFDLSGA AFGRLAVSGERNQLRNRGVIPVTYRRTACKYPGKNIAFKVNEGS
TDHWLSLLVEFEDGDGDLGSMHIKQAGSSEWLEMSHVWGATWCKNGGPLKGPFSV
KVTTLATAKTLSARDVIPANWSPKATYTSRLNFFV*

CDS (coding sequence)

>DcEXPB-03

ATGTATATCTTTCGCCAATTGCCACTCCTCCTCCTCTGTTTTTTCATTCCATTCTCC
GCTGCAGCGCCTCTCCATCGAGGGCGCCCTGCCTCGCGTTGGCTCAGTGCCACTG
CCACCTGGTACGGGAGCCCTGACGGCGATGGCAGTGATGGAGGTGCATGTGGGT
ACGGATCAATGGTGGATGTGAAGCCATACAGGGCGAGAGTTGGCGCGGTGAGTC
CGATTTTGTTCAAAGGTGGTGAAGGTTGCGGGCGCCTGTTACAAGGTCAGGTGTTT
GGACAGGTCTATTTGCGCCCCGAGAGCTGTCACTGTGATCATCACTGATGAGTGC
CCCGGGGGCTATTGCTCCGGGGGCGCACACATTTTGACCTCAGCGGAGCTGCAT
TCGGCCGTTTGGCAGTCTCTGGTGAACGTAACCAGCTCCGCAACCGTGGTGTGCAT
CCCTGTCACCTACCGCAGGACAGCGTGTAATATCCGGGGAAAACATAGCGTTT
AAGGTGAATGAAGGATCGACTGATCATTGGCTTTCTCTTTTAGTTGAGTTTGAGG
ATGGTGATGGGGATCTTGGTTCCATGCATATTAACAGGCAGGATCAAGCGAGTG
GCTAGAGATGAGTCACGTCTGGGGAGCAACCTGGTGCAAAAATGGAGGACCGTT
GAAAGGACCATTTTCAGTGAAAGTAACGACTCTGGCAACCGCTAAAACGCTATCT
GCTAGAGATGTTATTCCAGCCAATTGGTCTCCGAAAGCCACTTACACCTCCCGCC
TTAATTTCTTCGTCTAG

Nucleotide

>DcEXPB-03

ATGTATATCTTTCGCCAATTGCCACTCCTCCTCCTCTGTTTTTTCATTCCATTCTCC
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TCGCAATGCACTGTACTAATTATATTATTTAGAGTTAATTGTATTTTCGCATCCCG

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TCCACCGGTATTTTGTGCGCGGCAATATGCACCCCTTCCGTCAACCTTCGTTAAAT
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ACACTTCCTTTTCTAGAAATGACCATAATTTAGTTTTGTCGTTGTAATTGAACTTA
ATGTGGAAATTTGAAAGTGCAGGACAGCGTGAAATATCCGGGGAAAAACATA
GCGTTTAAGGTGAATGAAGGATCGACTGATCATTGGCTTTCTCTTTTAGTTGAGTT
TGAGGATGGTGATGGGGATCTTGGTTCCATGCATATTAACAGGTTCCGGTACCTA
CCTGTTAATTCTGTTTTATACACCTGGTTAAGCCCTTCCCGTAACACCTTGATTTA
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TCATTTGTGTGCTGGAAAGTTTTGCGCACATGAGTTTCTTTTAAATGTTTCAGAAAC
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