

IDENTIFICATION

Species: *Daucus carota*

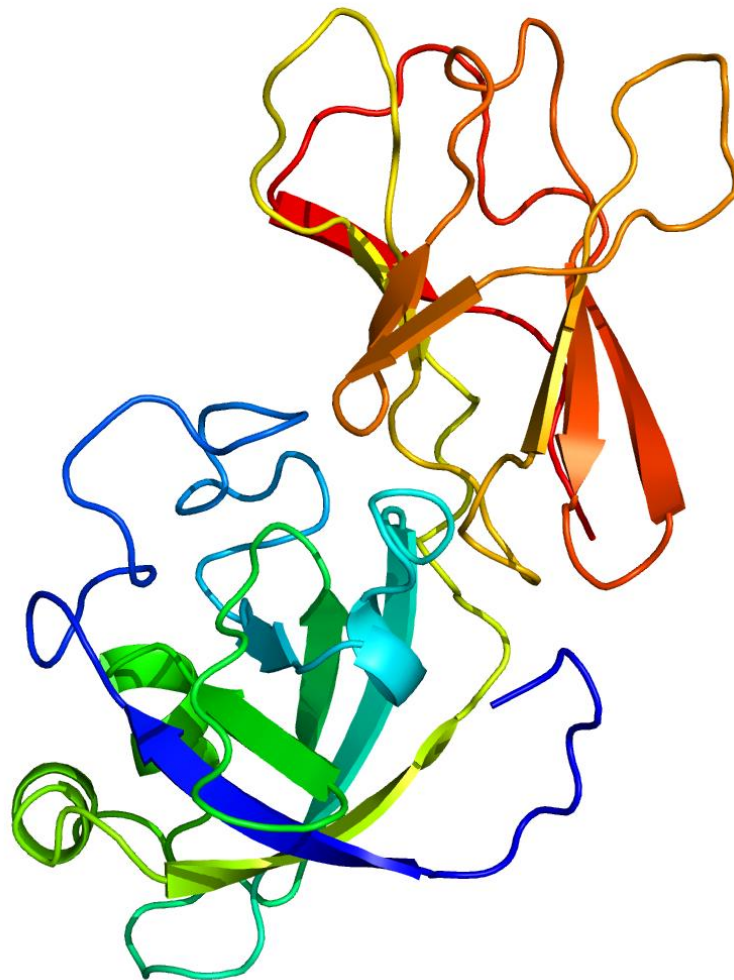
Locus: DCAR_009742

Gene Model: DCAR_009742

Description: DcEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

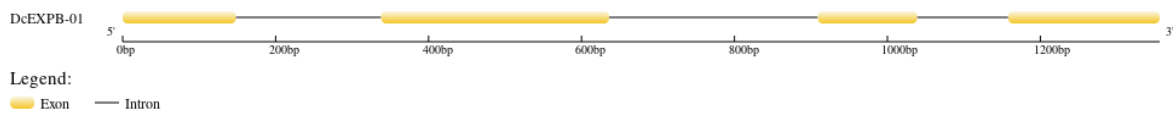
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

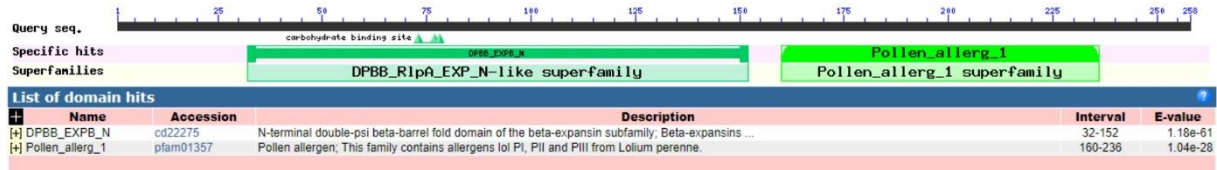
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPB-01

MDGFHHLFLLQLLLCFQLLLLPINSFSAAVDWHPAVASWYGSPEGDGSDDGGACGYG
PMVDAVPLRGRVAAVSPILFKGGEGCGECYNVMCMDKSICSPRGVTVIVTDECPGCP
ARTQFDLSGAAFGLANPGERDQLRNRGTIPVLFRRRTSCVSPGKNVAFRVNEGSTAY
WLSLLVEFEDGDGDIGSMHIKQAGSSEWLEMSHSWGANWIMNGGPLRGPFVQLTS
LSNAKTLIAMDVIPQDWKPLATYVSRQSYF*

CDS (coding sequence)

>DcEXPB-01

ATGGACGGTTTTACCACTTGTTTTACTACAACCTCCTCCTCTGTTTCCAGCTGCTG
CTGTTACCCATCAATTCTTTCTCCGCTGCGGTGGATTGGCATCCAGCTGTTGCTTC
ATGGTACGGTAGCCCTGAAGGCGATGGCAGTGATGGTGGTGCATGCGGGTACGG
ACCGATGGTTGATGCGGTACCATTGAGGGGCAGAGTTGCTGCAGTGAGTCCGATT
CTGTTCAAAGGTGGCGAAGGTTGTGGTGAATGTTACAACGTCATGTGCATGGACA
AGTCCATCTGTTCTCCGAGAGGCGTACTGTTATCGTCACCGATGAGTGTCTGGC
TGCCCTGCGCGCACTCAGTTCGATCTAAGTGGTGGTGCATTCCGGCAGCCTGGCTA
ATCCTGGTGAACGCGACCAGCTACGTAATCGCGGCACTATCCCAGTCTTGTTTAG
ACGGACATCGTGTGTGTCCCCGGGGAAAATGTTGCATTTCCGGGTGAATGAAGGG
TCAACAGCTTACTGGCTTTCTCTATTAGTCGAATTCGAGGATGGAGATGGTGATA
TCGGATCTATGCATATCAAACAGGCAGGTTCAAGTGAGTGGTTAGAGATGAGTCA
TTCATGGGGAGCGAATTGGATCATGAACGGAGGACCATTAAGGGGACCATTTTCA
GTGCAGTTAACCTCACTCTCAAATGCAAAAACCTCTCATAGCAATGGATGTAATTC
CTCAAGATTGGAAGCCGCTGGCTACTTATGTCTCCCGTCAGAGTTATTACTTCTGA

Nucleotide

>DcEXPB-01

ATGGACGGTTTTACCACTTGTTTTACTACAACCTCCTCCTCTGTTTCCAGCTGCTG
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AACCATTAAAATAATTGTTACAGGTTACCTGATTTAATTTTTTCGAATTGAAAAAC
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TACAACGTCATGTGCATGGACAAGTCCATCTGTTCTCCGAGAGGGCGTTACTGTTA
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TGCTGCATTCGGCAGCCTGGCTAATCCTGGTGAACGCGACCAGCTACGTAATCGC
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GTTTGACCAAAAAAAGTAGTTCTGATGTACTATACCAAAATTGTTGAAGCATGA
TCTGAGGGCAATGTCGAAAGAAGAATCATGGTTTGTTCCTTGTTAGGCTACTTGA
TTAATTGTCGATTTTGTAGGACATCGTGTGTGTCCCCGGGGAAAAATGTTGCATTT
CGGGTGAATGAAGGGTCAACAGCTTACTGGCTTTCTCTATTAGTCGAATTCGAGG
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ATTTTCTTGATGACTCAATTTAATATTTCACTTTGAATCTTTTGTGACATGGACCA
AATTAGTAAACTCAATTTACTGGTGTGTGCACTGTGCACTCTGCAGGCAGGTTCA
AGTGAGTGGTTAGAGATGAGTCATTCATGGGGAGCGAATTGGATCATGAACGGA
GGACCATTAAGGGGACCATTTTCAGTGCAGTTAACCTCACTCTCAAATGCAAAAA
CTCTCATAGCAATGGATGTAATTCCTCAAGATTGGAAGCCGCTGGCTACTTATGT
CTCCCGTCAGAGTTATTACTTCTGA