

IDENTIFICATION

Species: *Daucus carota*

Locus: DCAR_021239

Gene Model: DCAR_021239

Description: DcEXPB-04

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>

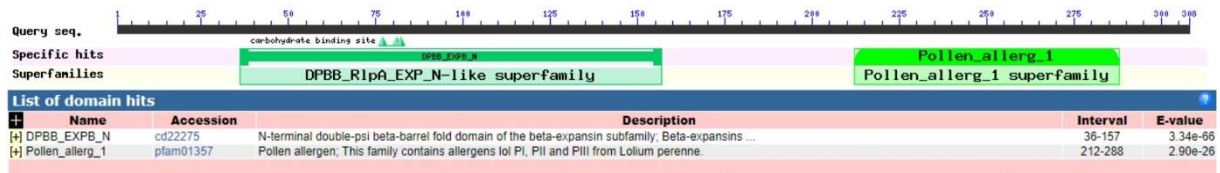
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPB-04

MVSFTHQSLAPLLSFLLLLHSFSAASSPLKSDLHWRPATATWYGSAEGDGS DGGAC
GYGSMVDVKPLRARVGA VSPILFKGGEGCGACYKVRCLDKSICSRRAVTVIITDECP
GGYCSGGRTHFDLSGAAFRMAITGEHGLLRNRGEISVMYRRTLFS SLTVYDQLTMT
TGLLLCPLGADHSMPYSYKHNY YCIHDVWTPCKYPGKNVAFRVNEGSTPFWLSLL
VEFEDGDGTV GSMHIREAGSTE WLEMSHLWG ANWIINGGPLKGPFSVKLTS LSTART
LSARDVIPNKWSPKATYTSRLNF*

CDS (coding sequence)

>DcEXPB-04

ATGGTCAGCTTCACCCACCAATCTCTCGCGCCGCTTCTTTCCCTTTCTACTCCTGCTC
CTACATTCCCTTCTCCGCGCCTCCTCCCCTCTCAAATCCGACCTACATTGGCGTCC
CGCCACCGCCACTTGGTACGGCAGCGCCGAAGGCGACGGCAGCGACGGTGGTGC
ATGCGGGTACGGATCGATGGTGGATGTGAAGCCGTTGAGAGCAAGAGTCGGAGC
GGTGAGTCCAATTCTTTCAAGGGAGGTGAGGGGTGTGGAGCATGTTATAAAGTC
AGGTGTTTAGACAAGTCCATTTGTTCTAGAAGAGCTGTTACGGTTATTATTACCGA
CGAGTGTCCCGGCGGTTACTGCTCCGGCGGCGGACGCATTTTGATCTCAGTGGA
GCTGCATTTGGCCGCATGGCGATTACCGGTGAACACGGCCTGCTCCGTAATCGCG
GCGAGATCTCTGTTATGTATCGCCGTACACTGTTCTCAAGTCTAACTGTGTACGAC
CAGCTGACCATGACCACTGGTCTACTGCTTTGCCCGCTGGGCGCTGACCACTCCA
TGTCTCCATACTCTTACAAACACAATTATTACTGTATACATGATGTATGGACACCA
TGTAATATCCTGGTAAAATGTGGCATTTCGTGTGAACGAAGGATCAACACCTT
TCTGGCTATCTCTGTTGGTGGAGTTTGAGGACGGAGATGGAACGGTTGGATCTAT
GCACATTAGAGAGGCAGGGTCAACTGAGTGGTTAGAAATGAGTCATTTGTGGGG
AGCAAATTGGATCATCAATGGAGGACCATTAAGGACCATTTTCAGTGAAGCTA
ACTTCACTCTCCACAGCAAGAACTCTCTCAGCCAGAGATGTCATTCCAAACAAT
GGTCTCCAAGGCTACTTACACCTCTCGCCTTAATTTCTAA

Nucleotide

>DcEXPB-04

ATGGTCAGCTTCACCCACCAATCTCTCGCGCCGCTTCTTTCCCTTTCTACTCCTGCTC
CTACATTCCTTCTCCGCCGCCTCCTCCCCTCTCAAATCCGACCTACATTGGCGTCC
CGCCACCGCCACTTGGTACGGCAGCGCCGAAGGCGACGGCAGCGACGGTAATCT
TTATAATTTCCAACACATTGCTTAATTCAATGTAATGTACCTTTTTTTTTAACGAG
CATTTTGTGAACAGATGTACATGCTTTTTAATTAAGTGAGTTAATTTAGGTGGTGC
ATGCGGGTACGGATCGATGGTGGATGTGAAGCCGTTGAGAGCAAGAGTCGGAGC
GGTGAGTCCAATTCCTTTTCAAGGGAGGTGAGGGGTGTGGAGCATGTTATAAAGTC
AGGTGTTTAGACAAGTCCATTTGTTCTAGAAGAGCTGTTACGGTTATTATTACCGA
CGAGTGTCCCGGCGGTTACTGCTCCGGCGGCGGACGCATTTTGATCTCAGTGGA
GCTGCATTTGGCCGCATGGCGATTACCGGTGAACACGGCCTGCTCCGTAATCGCG
GCGAGATCTCTGTTATGTATCGCCGTAATATTTTTTATTTGTTAAATATAATATA
ATAAAATCCTTCTTTAACGGTCTCTTTTTTCTTTTTTATCCGTCGGTTTGTGTTGGT
TGGGTTTTCTACTGTACAGATGCGGTAAGTACTAGGTTGTGAAATGACGATAATGGGC
TTGGCTTTTAATTATAGTACACTGTTCTCAAGTCTAACTGTGTACGACCAGCTGAC
CATGACCACTGGTCTACTGCTTTGCCCGCTGGGCGCTGACCACTCCATGTCTCCAT
ACTCTTACAAACACAATTATTACTGTATACATGATGTATGGTAATGGAGTATATT
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TTATCGACTTGTATACGATACCTTCAATTCATTTGGACTCTTGATCTTTTGTATAA
ATTTTTTTATGATATATGTGTCAATAATGTTATGGATATTTGATTTGTAGGACACC
ATGTAAATATCCTGGTAAAAATGTGGCATTTCGTGTGAACGAAGGATCAACACCT
TTCTGGCTATCTCTGTTGGTGGAGTTTGAGGACGGAGATGGAACGGTTGGATCTA
TGCACATTAGAGAGGTCTTCTTATTCTTCTACTTTAACTTTCTTTATTAGAGTATTG
TACTCAAGTTACGCGGTCAAAGAAGCTTTATTGCGAGGGTAGTTGTGTCAAATA
ACAACCCTTTTTCATAGCATAAAAACAGGCATGTGACAATTCCGAATATAAAGTT
CACCATAATATTTAACCTTTAATGCCACTCTTTGTCCATAGTGCGGAGCCGAGTGC
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CATATTAGTTACTGCATGTTTTTATGAGATGAGTAACAATTTTTACATTATGATTT
GGGAAGTGCTAGTAACAATTTGGGACATGGTGTGCTGGAAAATGCAGGCAGGGTCA
ACTGAGTGGTTAGAAATGAGTCATTTGTGGGGAGCAAATTGGATCATCAATGGAG
GACCATTTAAAAGGACCATTTTCAGTGAAGCTAACTTCACTCTCCACAGCAAGAAC
TCTCTCAGCCAGAGATGTCATTCAAACAATGGTCTCAAAGGCTACTTACACC
TCTCGCCTTAATTTCTAA