

IDENTIFICATION

Species: *Capsella grandiflora*

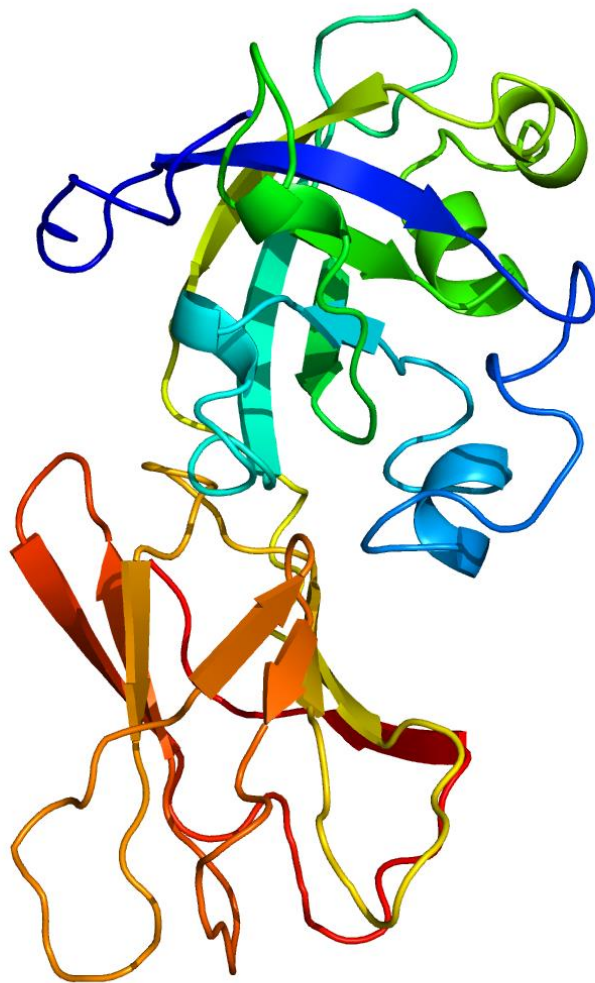
Locus: Cagra.0802S0004

Gene Model: Cagra.0802S0004.1.p

Description: CgrEXPB-03

Family: Beta Expansin

3D structure:



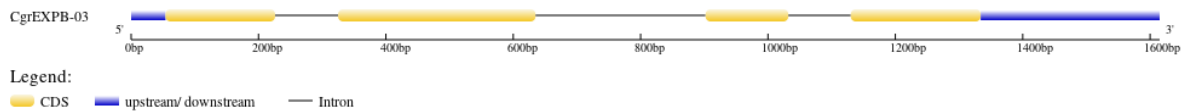
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Cgrandiflora_v1_1

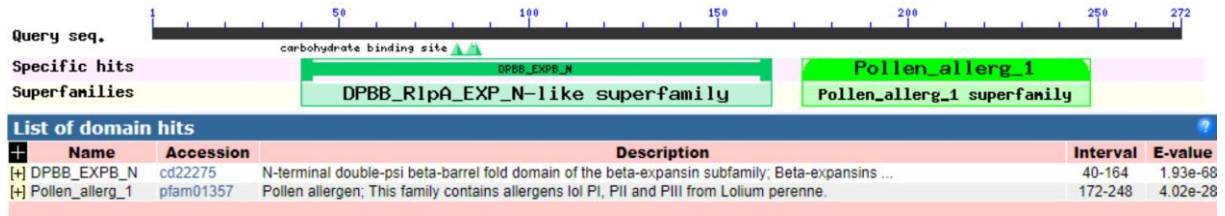
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPB-03

MLFLPLILPTLCVFLHLLRGGSCSPPLSHSPQRVAASHWLPATATWYGSPEGDGSSG
GACGYGSLVDVKPFRARVGA VSPILFKSGEGCGACYKVRCLDKTICSKRAVTIIVTDQ
SPSGPSAKAKHTHFDLSGA AFGHMAIPGHNGVIRNRGLLNILYRRTACKYRGKNIAF
HVNAGSTAYWLSLLIEYEDGEGDIGSMHIRQAGSKEWIAMKHIWGANWCIVEGPLK
GPFVSVKLTTLNNTLSATDVIPSNWVPKATYTSRLNFPVL*

CDS (coding sequence)

>CgrEXPB-03

ATGCAGCTCTTTCCTCTCATCCTACCGACACTTTGCGTCTTCCTCCACCTTCTTAGA
GGCGGCTCTTGCTCTCCTCCGCCGTTGTCTCACTCCCCTCAACGCGTGGCAGCCTC
TCATTGGCTACCCGCCACCGCCACCTGGTACGGAAGTCCCGAGGGCGACGGCAGC
AGCGGAGGAGCTTGTGGTTATGGGTCGCTAGTGGACGTGAAGCCGTTTAGAGCA
AGGGTTGGTGC GGTGAGTCCGATTCTGTTCAAGAGCGGCGAAGGCTGCGGTGCAT
GTTACAAGGTCAGGTGTCTCGACAAGACCATTTGCTCTAAGAGAGCTGTCACCAT
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TTCGACCTAAGTGGTGC CGCCTTTGGCCATATGGCTATTCCCGGCCATAACGGCG
TCATCCGCAACCGTGGTCTGTTAAACATCCTCTACCGCCGAACAGCATGCAAGTA
CAGAGGGAAGAACATAGCGTTCCATGTGAACGCAGGATCAACTGCTTATTGGCTA
TCTCTCCTCATTGAGTATGAAGACGGTGAAGGAGACATTGGCTCTATGCACATTC
GTCAAGCCGGGTCTAAGGAGTGGATAGCCATGAAGCACATATGGGGAGCAAAC
GGTGCATCGTTGAAGGACCACTCAAGGGACCTTTCTCAGTCAAGCTCACTACTTT
GTCCAACAACAAGACTCTCTCTGCCACCGACGTCATCCCAAGTAACTGGGTCCC
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Nucleotide

>CgrEXPB-03

CCTCCACCACTTTTTTTTTGTGTGTTTTGGTTAGTTTCTCCGGTGGTTAGTCAAATG
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AATATG