

## IDENTIFICATION

**Species:** *Capsella grandiflora*

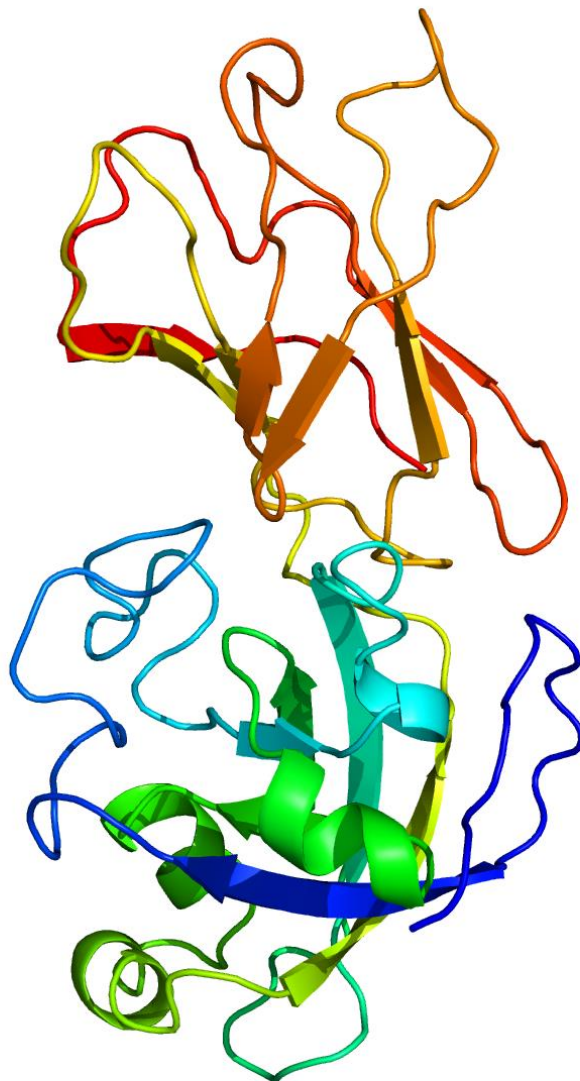
**Locus:** Cagra.0239S0061

**Gene Model:** Cagra.0239S0061.1.p

**Description:** CgrEXPB-01

**Family:** Beta Expansin

**3D structure:**



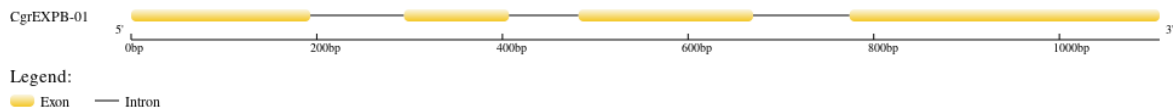
## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Cgrandiflora\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Cgrandiflora_v1_1)

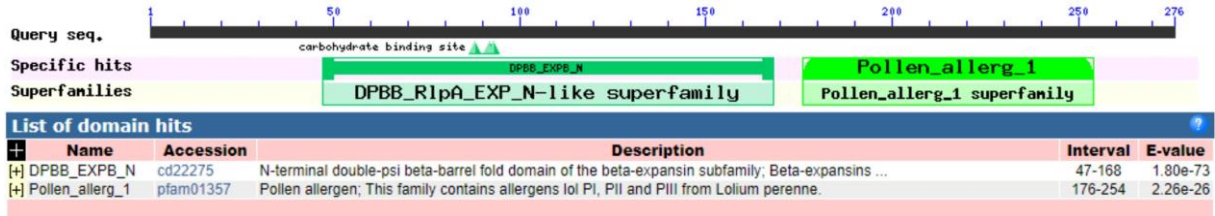
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CgrEXPB-01

MAILVVERGYMIVNLLFALTCLLLNLTHCFSPKRLNVSAVSASDSDWSIAGATWYGN  
PNGYGSDGGACGYGTAVAEPFNSNMVSAGGASLFKSGKGCACGYQIKCSSKSECSK  
KPVTVVITDECPGCVTESVHFDLSGTAFGAIAISGQGSQLRGAGVLEILYRKVECNIG  
KTVTFKVDGNSANYFAALVEYEDGDGEIGRVELKQALDSDTWMSMSHLWGAVV  
KLDVSSPLRAPLSLRVTSLDSGETVVATDVIPADWQPGAKYKSNVNFQV\*

### CDS (coding sequence)

>CgrEXPB-01

ATGGCAATTCTTGTTGTAGAACGAGGTTACATGATCGTGA ACTTACTCTTTGCTCT  
AACTTGTCTTCTCTTAAACTTAACTCATTGCTTTAGCCCCAAGAGACTCAACGTTT  
CAGCCGTCTCAGCCAGCGATTCTGATTGGTCTATCGCCGGAGCTACGTGGTATGG  
CAACCCCAACGGATACGGAAGCGATGGTGGAGCTTGTGGTTATGGA ACTGCAGT  
AGCAGAACC GCCGTTTTTCGAACATGGTATCAGCCGGAGGTGCTTCGTTGTTCAAG  
TCAGGGAAAGGATGTGGCGCATGTTACCAGATAAAATGCAGTTCGAAATCAGAG  
TGTTCGAAAAAGCCGTTACGGTAGTGATTACAGACGAATGTCCTGGATGCGTTA  
CAGAGTCGGTCCATTTTCGATTTGAGTGGTACAGCTTTTGGTGCCATAGCGATTTCT  
GGTCAAGGTAGTCAGCTTCGCGGTGCCGGAGTTTTGGAGATTCTTTACAGAAAAG  
TTGAGTGCAACTATATAGGCAAAACGGTAACGTTTAAAGTGGATGACGGTTCAA  
CGCTAACTACTTCGCGGCTTTGGTAGAGTATGAAGACGGAGACGGCGAAATTGGC  
CGAGTCGAACTCAAACAAGCTTTAGATTCTGACACGTGGATGTCTATGAGCCACT  
TATGGGGCGCCGTGTGGAAGCTGGACGTGTCGTCGCCTTTGAGGGCACCGCTGTC  
TCTCCGAGTGACTTCGCTGGACTCCGGCGAGACTGTTGTGGCTACCGATGTCATTC  
CGGCAGACTGGCAACCCGGCGCCAAGTACAAATCGAACGTGAACTTTCAAGTGT  
AG

## Nucleotide

>CgrEXPB-01

ATGGCAATTCTTGTGTAGAACGAGGTTACATGATCGTGAACCTTACTCTTTGCTCT  
AACTTGTCTTCTCTTAAACTTAACTCATTGCTTTAGCCCCAAGAGACTCAACGTTT  
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CAACCCCAACGGATACGGAAGCGATGGTATATATACATGTGTTCTTTCGTCAATT  
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CCGTTTTTCGAACATGGTATCAGCCGGAGGTGCTTCGTTGTTCAAGTCAGGGAAAG  
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GCGATTTCTGGTCAAGGTAGTCAGCTTCGCGGTGCCGGAGTTTTGGAGATTCTTTA  
CAGAAAGTATGTATCTAAGGATTTGACGTTAACATTTTTTTTTTAATATATATTTAA  
TGATTACGAAGGTTATGAAATTAAGTATATTTGGTTGATGTGTGATTGTAGAG  
TTGAGTGCAACTATATAGGCAAAACGGTAACGTTTAAAGTGGATGACGGTTCAA  
CGCTAACTACTTCGCGGCTTTGGTAGAGTATGAAGACGGAGACGGCGAAATTGGC  
CGAGTCGAACTCAAACAAGCTTTAGATTCTGACACGTGGATGTCTATGAGCCACT  
TATGGGGCGCCGTGTGGAAGCTGGACGTGTCGTCGCCTTTGAGGGCACCGCTGTC  
TCTCCGAGTGACTTCGCTGGACTCCGGCGAGACTGTTGTGGCTACCGATGTCATTC  
CGGCAGACTGGCAACCCGGCGCCAAGTACAAATCGAACGTGAACTTTCAAGTGT  
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