

## IDENTIFICATION

**Species:** *Capsella grandiflora*

**Locus:** Cagra.6011S0003

**Gene Model:** Cagra.6011S0003.1.p

**Description:** CgrEXPB-05

**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)

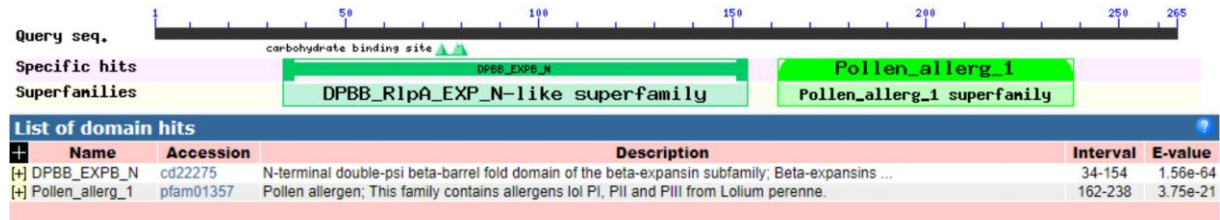
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CgrEXPB-05

MASSSIKSFSLALTTLFAISLKPCYGHNKTHWNTAGITWYGDREGPGSTGGACGFG  
DAVAKPPYKCMVSAGGPSLFDKDGKGCACGYRLKCDHPFCTRKPIKVMISDECPGCT  
KESVHFDLSGKAFGALAKRGKGDQLRNLGELKVSYKRACCKHPKTKIAIHVDAGAN  
PYYMSFTAKYANGDGNFACIEVQPAGGNYIKMEEMRSAVWKLNSGSPLKGFNIRL  
TSAVSGKKIVAKGVIPEKWSPGAIYHSKVNFPVPPKHK\*

### CDS (coding sequence)

>CgrEXPB-05

ATGGCTTCCTCATCTATTAATCTTTTTCTTTTATCCTTGCTCTCACAACTCTCTTT  
GCAATCTCGTTGAAGCCATGTTATGGCCATAATAAAACCCACTGGAACACCGCCG  
GCATCACTTGGTATGGCGACCGAGAAGGTCCTGGCTCCACAGGAGGAGCTTGTGG  
ATTTGGTGATGCAGTGGCAAAGCCCCGTACAAATGTATGGTTTCAGCCGGAGGA  
CCTTCATTGTTCAAAGATGGAAAGGGTGTGGGGCATGTTATAGGCTTAAGTGCG  
ACCATCCCTTTTGCACAAGAAAGCCGATCAAGGTGATGATATCGGATGAGTGTCC  
AGGCTGCACGAAGGAGTCTGTCCATTTTGATCTTAGCGGTAAGGCCTTTGGTGCA  
TTGGCCAAACGTGGCAAGGGCGATCAATTACGCAACCTTGGAGA ACTTAAAGTTA  
GTTACAAACGTGCATGTTGCAAACACCCTAAGACTAAGATAGCTATCCATGTGGA  
CGCCGGAGCAAATCCTTACTACATGTCTTTCACCGCTAAGTATGCAAACGGCGAC  
GGGAACTTCGCTGCATCGAGGTCCAACCGCCGGAGGAAATTACATAAAGATG  
GAGGAAATGAGATCCGCCGTTTGGAAACTAACTCTGGTTCTCCTTTGAAAGGTC  
CGTTCAACATCAGGCTTACCTCCGCCGTGTCTGGTAAGAAGATCGTCGCCAAAGG  
TGTTATCCCGGAAAAGTGGAGTCTGGTGCTATTTACCATTCCAAGGTTAACTTCC  
CCGTTCCAAGAAACACAAATGA

### Nucleotide

>CgrEXPB-05

ATGGCTTCCTCATCTATTAATCTTTTTCTTTTATCCTTGCTCTCACAACTCTCTTT  
GCAATCTCGTTGAAGCCATGTTATGGCCATAATAAAACCCACTGGAACACCGCCG

GCATCACTTGGTATGGCGACCGAGAAGGTCCTGGCTCCACAGGTAAATTACTTAA  
ACCCATTCATTGTTCCAATACATTATTA AAAAATATTTTTACATATTTACATACGTA  
TGGTCCCCAAATTCTATATACAGGAGGAGCTTGTGGATTTGGTGATGCAGTGGCA  
AAGCCCCGTACAAATGTATGGTTTCAGCCGGAGGACCTTCATTGTTCAAAGATG  
GAAAGGGTTGTGGGGCATGTTATAGGGTATTTACATATAACGATTACAATTAATC  
GGGTATCATATTGTAAATGTATAGCTATATATATATACTAATCATGTGTTTATC  
TATGTTATATATAGCTTAAGTGCGACCATCCCTTTTGCACAAGAAAGCCGATCAA  
GGTGATGATATCGGATGAGTGTCCAGGCTGCACGAAGGAGTCTGTCCATTTTGAT  
CTTAGCGGTAAGGCCTTTGGTGCATTGGCCAAACGTGGCAAGGGCGATCAATTAC  
GCAACCTTGGAGAACTTAAAGTTAGTTACAAACGGTACGTATTGTCAAAAACGTG  
TCTGCATGGTTCGGTTTTCTCGGGTTTTTTGGATAGAAAAAAGCATGTATCGACA  
TTTCAGTATATATATACGCCGAACAAATTCGCATGCATGTATCGACGACGTTTAC  
GGATAAAACAATAGACTAATTAATCCTAATTCAATATCATACATATACATATATA  
TGCAGTGCATGTTGCAAACACCCTAAGACTAAGATAGCTATCCATGTGGACGCCG  
GAGCAAATCCTTACTACATGTCTTTCACCGCTAAGTATGCAAACGGCGACGGGAA  
CTTCGCCTGCATCGAGGTCCAACCGGCCGGAGGAAATTACATAAAGATGGAGGA  
AATGAGATCCGCCGTTTGGAACTAAACTCTGGTTCCTCCTTTGAAAGGTCCGTTT  
AACATCAGGCTTACCTCCGCCGTGTCTGGTAAGAAGATCGTCGCCAAAGGTGTTA  
TCCCGGAAAAGTGGAGTCCTGGTGCTATTTACCATTCCAAGGTAACTTCCCCGTT  
CCAAAGAAACACAAATGA