

## IDENTIFICATION

**Species:** *Capsella grandiflora*

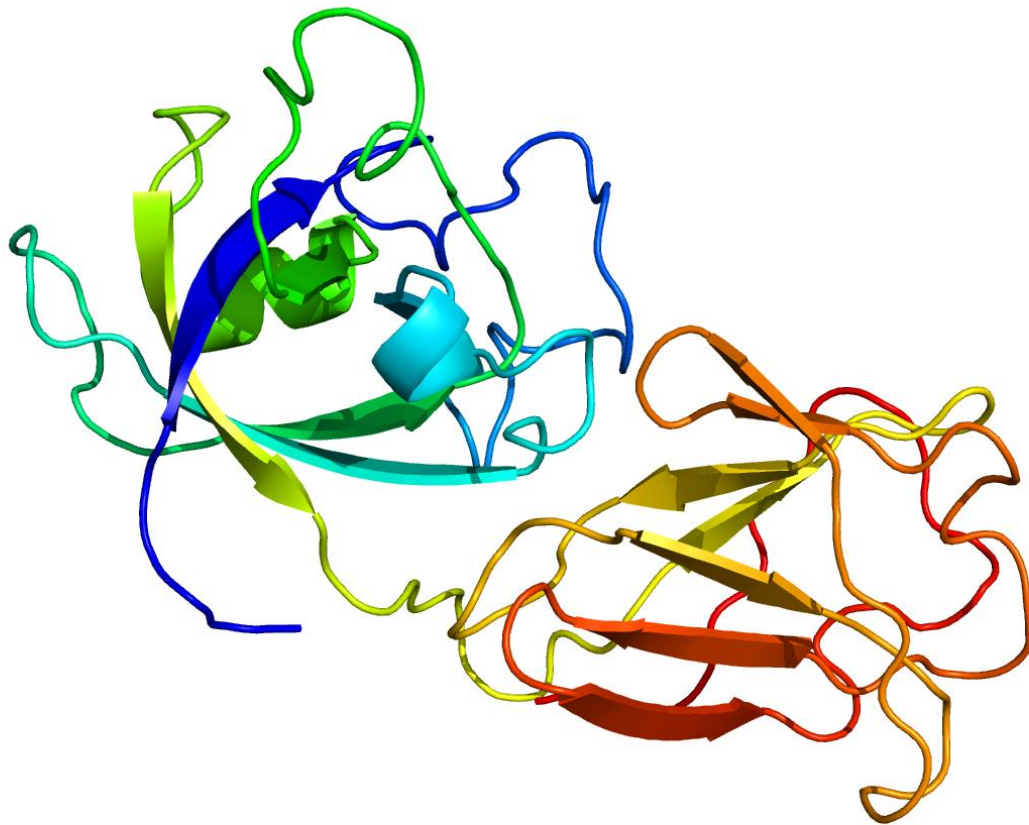
**Locus:** Cagra.1475S0004

**Gene Model:** Cagra.1475S0004.1.p

**Description:** CgrEXPA-11

**Family:** Alpha Expansin

**3D structure:**



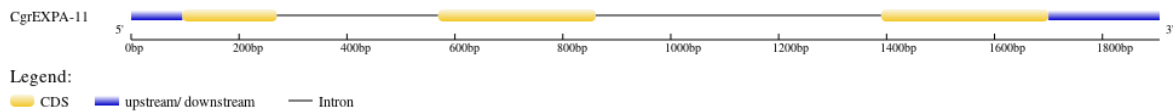
## GENOME DATABASES

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

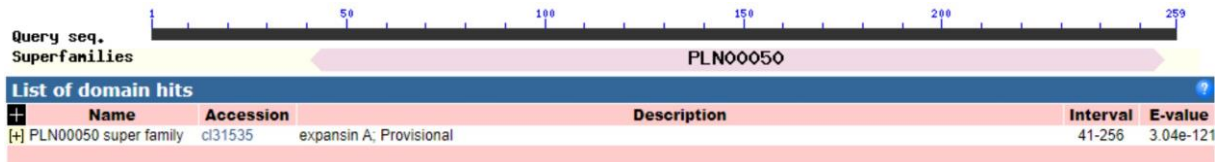
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CgrEXPA-11

MGALVIFSVLVVVQLIVFSVCVQGGYRRGGGHHPGGHMGPWTNAHATFYGGGDAS  
GTMGGACGYGNLYSTGYGLETAALSTSLFDQGLSCGACFELMCVNDPQWCIKGRSI  
VVTATNFCPPGGACDPPNHHFDLSQPIYEKIALYKSGIIPVMYRRVRCKRSGGIRFTIN  
GHSYFNLVLVTNVGGAGDVHVSVMKGSRTRWQLMSRNWGQNWQSNSYLNQSL  
FVVTTSDRRSVVSYNVAPSSWSFGQTYTGGQFRY\*

### CDS (coding sequence)

>CgrEXPA-11

ATGGGAGCTTTAGTAATCTTCTCGGTTCTTGTGGTAGTTCAGCTCATAGTGTTCTC  
CGTTTGCGTTCAAGGCGGTTACCGTCGTGGCGGTGGCCATCATCCCGGTGGTCAT  
ATGGGACCTTGGACTAATGCTCATGCTACTTTTTACGGTGGTGGTGTATGCTTCCGG  
CACTATGGGTGGAGCATGCGGCTATGGGAACTTATACAGCACAGGTTACGGACTA  
GAGACGGCAGCATTAAAGCACATCGTTATTCGATCAAGGACTTAGCTGTGGAGCAT  
GTTTTGAGCTGATGTGTGTCAATGATCCTCAATGGTGCATCAAAGGTCGATCCATT  
GTGGTCACAGCCACTAACTTTTGTCCTCCTGGTGGTGCATGCGACCCTCCAAACC  
ACCATTTTCGATCTTTCTCAGCCGATCTACGAGAAAATCGCGCTGTACAAGTCCGG  
TATCATCCCTGTTATGTATAGAAGGGTTCGGTGCAAGAGAAGTGGTGGGATAAGG  
TTCATATCAATGGCCATTCATACTTTAACTTGGTCCTGGTCACGAACGTGGGTGG  
AGCCGGAGATGTACACTCGGTTTCGATGAAAGGTTTCGAGGACAAGATGGCAATT  
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AAGTCTGTCGTTTGTGTTACTACAAGTGATCGTCGAAGTGTTCGTCTCGTACAATG  
TTGCACCTTCTAGTTGGTCCTTTGGCCAAACCTATAACCGGAGGGCAGTTTCGGTAT  
TAG

### Nucleotide

>CgrEXPA-11

TCATCATCATATTCATTGACGAAAACACCCTTTTGCTTCTCTCTCTCTTTGTCTCTT  
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