

## IDENTIFICATION

**Species:** *Capsella grandiflora*

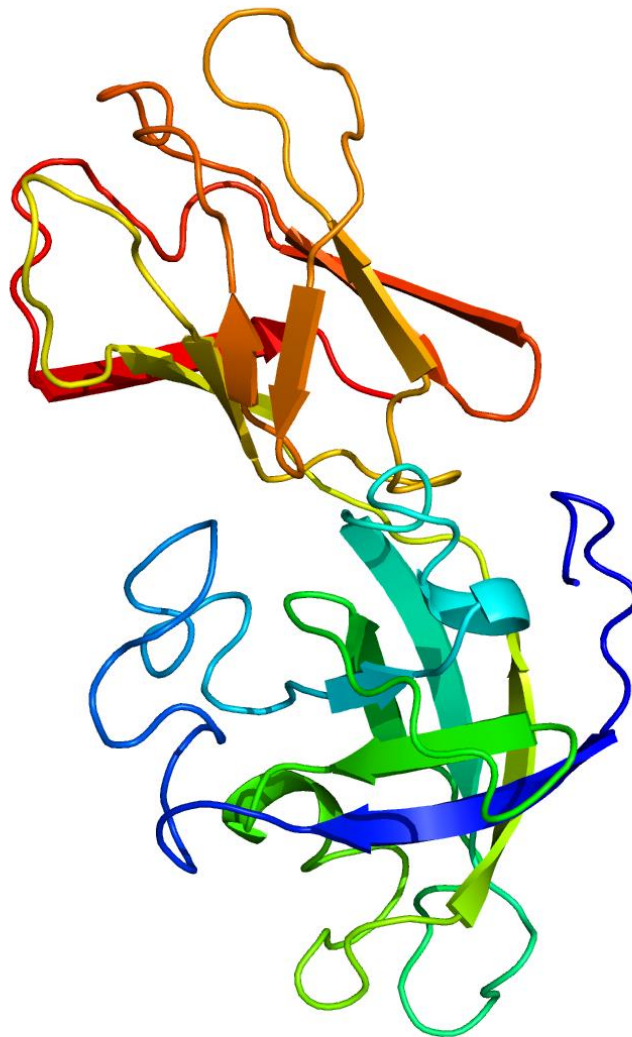
**Locus:** Cagra.0716S0085

**Gene Model:** Cagra.0716S0085.1.p

**Description:** CgrEXPA-07

**Family:** Alpha Expansin

**3D structure:**



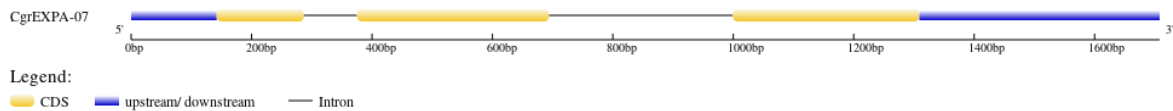
## GENOME DATABASES

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

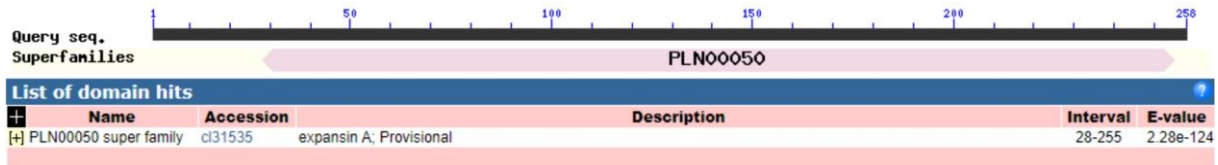
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CgrEXPA-07

MAIKLAILFTTFVLFLSLADARIPGVYSGGAWQNAHATFYGGSDASGTMGGACGYGN  
LYSQGYGTNTAALSTALFNNGMSCGACFELKCANDPQWCHSGSPSILITATNFCPPNL  
AQPSDNGGWCNPPREHFDLAMPVFLKIAQYRAGIVPVS YRRVPCRKRGGIRFTINGH  
RYFNLVLITNVAGAGDIVRANVKGSRTGWMSLSRNWQNWQSNVAVLVGQALSFRV  
TGSRRRTSTSWNMVPSNWQFGQTFVGNFRV\*

### CDS (coding sequence)

>CgrEXPA-07

ATGGCTATTAACCTTGCAATTCTATTTACCACATTTGTCCTTTTTAGCCTTGCCGA  
CGCTAGAATCCCCGGCGTTTACTCCGGCGGTGCGTGGCAAACGCACACGCCACT  
TTCTACGGTGGCAGTGACGCCTCTGGCACTATGGGAGGAGCGTGTGGTTACGGTA  
ACCTATACAGCCAAGGGTACGGGACCAACACGGCAGCTTTGAGCACGGCGCTGT  
TTAACAACGGTATGAGCTGTGGAGCCTGCTTTGAGCTAAAATGCGCCAACGACCC  
TCAATGGTGGCACTCTGGTAGTCCTTCGATCCTCATCACCGCAACCAATTTCTGCC  
CACCAAACCTGGCTCAGCCCAGCGACAACGGAGGATGGTGCAACCCGCCACGTG  
AACACTTCGACCTAGCCATGCCTGTCTTCTCAAGATTGCTCAATATCGCGCCGGC  
ATTGTCCCTGTCTCATAACCGCAGAGTGCCATGTAGAAAGAGAGGAGGAATAAGG  
TTCACAATCAACGGTCACCGTTACTTCAACTTGGTTCTGATCACAACGTGGCTG  
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GTTTGAGCAGGAACTGGGGTCAAACCTGGCAATCCAACGCTGTTCTGGTTGGTCA  
GGCACTCTCGTTCGCGTACGGGCAGTGACCGTAGGACATCTACTTCGTGGAAC  
ATGGTTCCTTCTAACTGGCAGTTTGGTCAAACCTTTGTCGGGAAGAATTCAGGGT  
TTAA

### Nucleotide

>CgrEXPA-07

AATTAACAAACCTAACTCTTTCTTTGACAAGAGCGCAAGCTCGAAGGCGCTCTT  
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AATTTATAACTCTCTAATTCACACACAAAATGGCTATTAACCTTGCAATTCTATTT

ACCACATTTGTCCTTTTTAGCCTTGCCGACGCTAGAATCCCCGGCGTTTACTCCGG  
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ACAACATTGTAACGTTTAATTTCTGTGTAATCCAAAAAGAAACATGGTTGTAT