

## IDENTIFICATION

**Species:** *Capsella grandiflora*

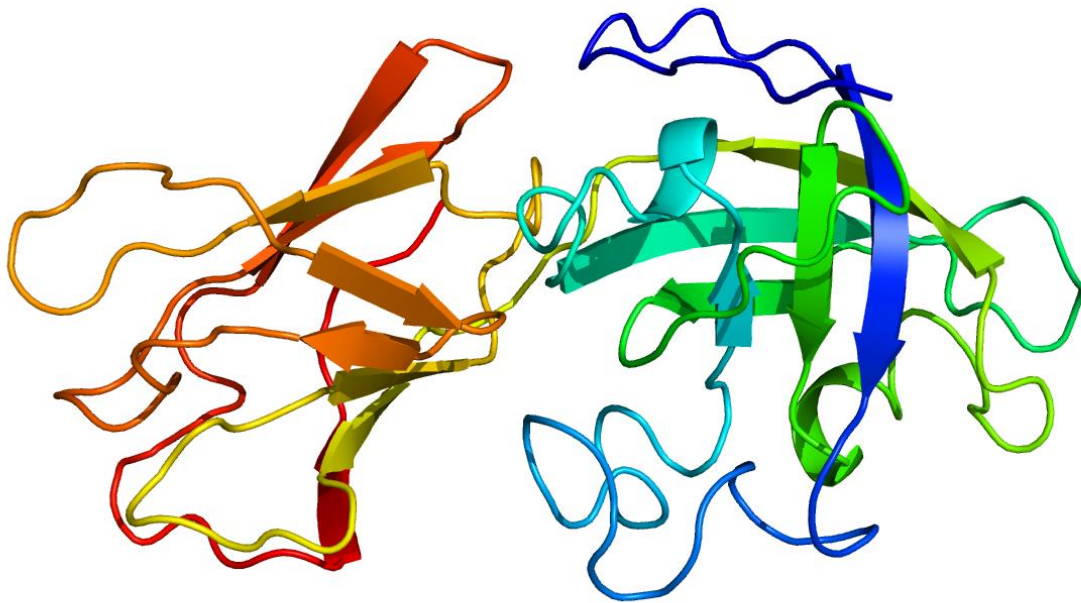
**Locus:** Cagra.0568S0167

**Gene Model:** Cagra.0568S0167.1.p

**Description:** CgrEXPA-06

**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)

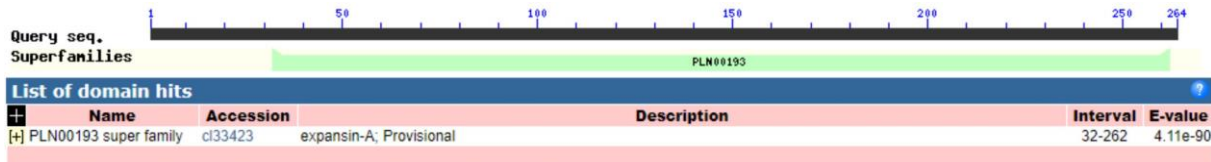
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CgrEXPA-06

MGPISSSWSFNKFFAIVFVVFAISGEFVAGYYRPGPWRYAHATFYGDETA SETMGGA  
CGYGNLFNSGYGVATAALSTTLFKDGYGCGQCFQITCMKSPHCYYGNPSTVV TATN  
LCPPN WYQDSNNGGW CNPPRTHFDMAKPAFMKLANWRAGIIPVAYRRVPCQRSGG  
MRFQFQGNAYWLLIFVMNVGGAGDIKSMAVKGSRTNWISM SHNWGASYQAFSSLY  
GQSLSF RVTSYTTGETIYAWN VAPANWSAGKTYKATANFR\*

### CDS (coding sequence)

>CgrEXPA-06

ATGGGTCCAATCTCAAGTTCTTGAGTTTCAACAAATTCTTCGCGATTGTTTTTGT  
CGTTTTCGCCATCTCTGGTGAGTTCGTCGCTGGATACTATCGACCAGGCCCATGGA  
GGTATGCTCACGCCACTTTCTACGGCGACGAGACCGCTAGTGAAACCATGGGTGG  
TGCATGTGGGTACGGAAACCTTTTAAACAGCGGATACGGTGTGGCCACGGCAGCG  
CTAAGCACGACGTTGTTCAAAGACGGTTACGGATGCGGCCAATGTTTTCAAATAA  
CGTGTATGAAGTCACCGCATTGTTATTATGGAAACCCATCAACGGTGGTCACAGC  
CACCAACCTTTGCCCTCCTAATTGGTACCAAGACTCCAACAACGGTGGTTGGTGC  
AATCCTCCTAGAACCCATTTTCGATATGGCTAAACCGGCTTTCATGAAACTCGCTA  
ATTGGAGAGCCGGTATCATCCAGTTGCATACCGAAGAGTGCCATGCCAAAGGA  
GTGGAGGTATGAGGTTTCAATTCCAAGGCAATGCATACTGGCTTCTCATATTCGT  
CATGAACGTTGGCGGCGCCGGAGACATCAAGAGCATGGCCGTGAAAGGTAGCCG  
GACGAATTGGATAAGCATGAGCCACAATTGGGGAGCATCTTACCAAGCATTCTCG  
TCTCTATACGGTCAATCTCTATCTTTCAGGGTCACTTCTTACACCACAGGTGAAAC  
CATCTATGCTTGGAACGTTGCTCCGGCTAACTGGAGCGCCGGTAAGACTTACAAG  
GCCACTGCCAATTTCCGTTGA

### Nucleotide

>CgrEXPA-06

ATGGGTCCAATCTCAAGTTCTTGAGTTTCAACAAATTCTTCGCGATTGTTTTTGT  
CGTTTTCGCCATCTCTGGTGAGTTCGTCGCTGGATACTATCGACCAGGCCCATGGA  
GGTATGCTCACGCCACTTTCTACGGCGACGAGACCGCTAGTGAAACCATGGGTAC  
GTAAACATTTTCATTTCACTTCTCTTGCATATACCATGAAGTCTGTCCATAAGGAT

TTCCAAATTTTGTTCCTCACTGGATCCGTAGTTCAAACCAGTTACACTATATCATT  
TTCATGTTCTCTGAACCTAAACTGATATATGATATCACGATATGTAGGTGGTGCAT  
GTGGGTACGGAAACCTTTTAAACAGCGGATACGGTGTGGCCACGGCAGCGCTAA  
GCACGACGTTGTTCAAAGACGGTTACGGATGCGGCCAATGTTTTCAAATAACGTG  
TATGAAGTCACCGCATTGTTATTATGGAAACCCATCAACGGTGGTCACAGCCACC  
AACCTTTGCCCTCCTAATTGGTACCAAGACTCCAACAACGGTGGTTGGTGCAATC  
CTCCTAGAACCCATTTTCGATATGGCTAAACCGGCTTTCATGAAACTCGCTAATTG  
GAGAGCCGGTATCATCCCAGTTGCATACCGAAGGTATATATATAGGATACGATCG  
AGACTTAGTTATTCAACTTCATATATAATCTAAAACCTACATAACTAATATATGTGA  
TTGATGAATATAGAGTGCCATGCCAAAGGAGTGGAGGTATGAGGTTTCAATTCCA  
AGGCAATGCATACTGGCTTCTCATATTCGTTCATGAACGTTGGCGGCCCGGAGAC  
ATCAAGAGCATGGCCGTGAAAGGTAGCCGGACGAATTGGATAAGCATGAGCCAC  
AATTGGGGAGCATCTTACCAAGCATTCTCGTCTCTATACGGTCAATCTCTATCTTT  
CAGGGTCACTTCTTACACCACAGGTGAAACCATCTATGCTTGGAACGTTGCTCCG  
GCTAACTGGAGCGCCGGTAAGACTTACAAGGCCACTGCCAATTTCCGTTGA