

## IDENTIFICATION

**Species:** *Capsella grandiflora*

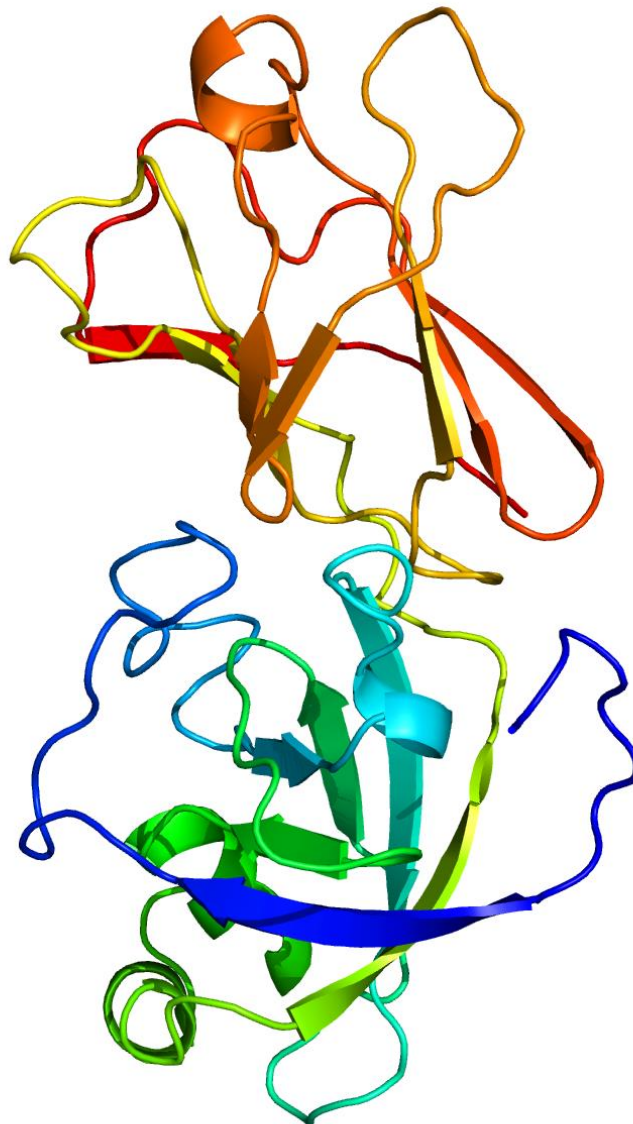
**Locus:** Cagra.1383S0027

**Gene Model:** Cagra.1383S0027.1.p

**Description:** CgrEXLA-01

**Family:** Expansin Like Alpha

**3D structure:**



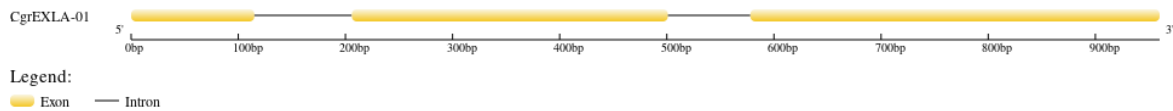
## GENOME DATABASES

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

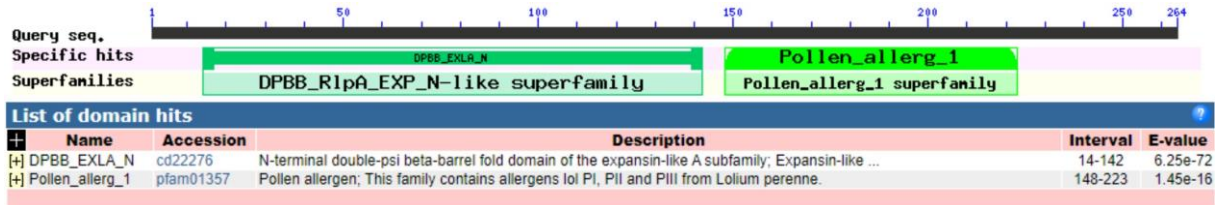
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CgrEXLA-01

MGGILFLIFFLLSSSSDACDRCLHHSKASFFSSAPALSSGACAYGSLATSFFAGHIAAAL  
PSIYKDGAGCGACFQVRCKNPALCSSKGTIVIVTDLSNTNRTDLVLSTRAFRAMAKP  
VLGADRDLKQGIVDIEYQRVPCDYGNKKMNVRVEESSKNPNYLAIKLLYQGGQTE  
VVAIDIAQVGSWSYMSRSHGAVWVADKVPAGALQFKFVVMAGYDGMVWSQR  
VVLPASWVAGKTYDAGVQITDIAQEGCDPCDDHIWT\*

### CDS (coding sequence)

>CgrEXLA-01

ATGGGAGGCATTCTTCTCCTCATCTTCTTCCTCCTCCTCATCTTCAGACGCCTGC  
GACCGATGTCTTCACCACTCTAAGGCATCTTTTTTCTCCTCTGCCCTGCTCTCTCT  
TCCGGAGCTTGTGCCTATGGCTCTTTGGCTACTAGTTTCTTCGCCGGTACATTGC  
GGCGGCACTTCTTCCATCTACAAAGACGGCGCCGGCTGCGGAGCTTGCTTCCAG  
GTCAGATGCAAGAACCCCGCTCTTTCAGCAGCAAAGGAACCAACCGTGATCGTCA  
CAGACCTCAGCAACACCAACCGAACCGATCTTGTCTCAGCACCAGGGCCTTCAG  
GGCAATGGCTAAGCCCGTTCTTGGCGCCGACAGAGATCTTCTCAAACAAGGTATT  
GTCGACATTGAATACCAGAGAGTTTCTTGGCATTACGGGAACAAGAAGATGAAC  
GTGAGAGTGGAAGAGTCAAGCAAAAATCCAACTACTTGGCCATAAAGCTGTTG  
TACCAAGGAGGCCAAACCGAAGTGTTGCCATCGACATTGCTCAAGTAGGTTTCGT  
CACATTGGAGTTACATGAGCAGAAGCCACGGAGCAGTGTGGGTTGCTGACAAAG  
TACCCGCCGGAGCTCTGCAGTTCAAGTTCGTGGTGATGGCAGGCTACGACGGCAA  
AATGGTTTGGTCGCAGCGGGTGGTTCTTCCGGCCAGCTGGGTAGCTGGGAAGACC  
TATGACGCCGGCGTTCAGATCACCGACATTGCTCAGGAAGGTTGTGATCCATGTG  
ACGATCACATCTGGACCTGA

### Nucleotide

>CgrEXLA-01

ATGGGAGGCATTCTTCTCCTCATCTTCTTCCTCCTCCTCATCTTCAGACGCCTGC  
GACCGATGTCTTCACCACTCTAAGGCATCTTTTTTCTCCTCTGCCCTGCTCTCTCT

TGTAAGTTGTAACCATTCCTTCTCTTCATTACTTCTTTCCTTTTTTTTTTTTTCTTTCTT  
TTCAACTTTTAACTTGTTTTCTTTCCTCATTTCAGCCGGAGCTTGTGCCTATGGCTCT  
TTGGCTACTAGTTTCTTCGCCGGTCACATTGCGGCGGCACTTCCTTCCATCTACAA  
AGACGGCGCCGGCTGCGGAGCTTGCTTCCAGGTCAGATGCAAGAACCCCGCTCTT  
TGCAGCAGCAAAGGAACCACCGTGATCGTTCACAGACCTCAGCAACACCAACCGA  
ACCGATCTTGTCTCAGCACCAGGGCCTTCAGGGCAATGGCTAAGCCCGTTCTTG  
GCGCCGACAGAGATCTTCTCAAACAAGGTATTGTGCGACATTGAATACCAGAGGTT  
CGTGATTCCCTAACTTTCCTTGCTTCACTTTAACTAGTAACTTGTAGTTATAACAA  
GAACTGAACATGAAACAGAGTTCCTTGCGATTACGGGAACAAGAAGATGAACGT  
GAGAGTGGAAGAGTCAAGCAAAAATCCAACTACTTGGCCATAAAGCTGTTGTA  
CCAAGGAGGCCAAACCGAAGTGGTTGCCATCGACATTGCTCAAGTAGGTTTCGTCA  
CATTGGAGTTACATGAGCAGAAGCCACGGAGCAGTGTGGGTTGCTGACAAAGTA  
CCCGCCGGAGCTCTGCAGTTCAAGTTCGTGGTGATGGCAGGCTACGACGGCAAAA  
TGGTTTGGTCGCAGCGGGTGGTTCTTCCGGCCAGCTGGGTAGCTGGGAAGACCTA  
TGACGCCGGCGTTCAGATCACCGACATTGCTCAGGAAGGTTGTGATCCATGTGAC  
GATCACATCTGGACCTGA