

## IDENTIFICATION

**Species:** *Aquilegia coerulea*

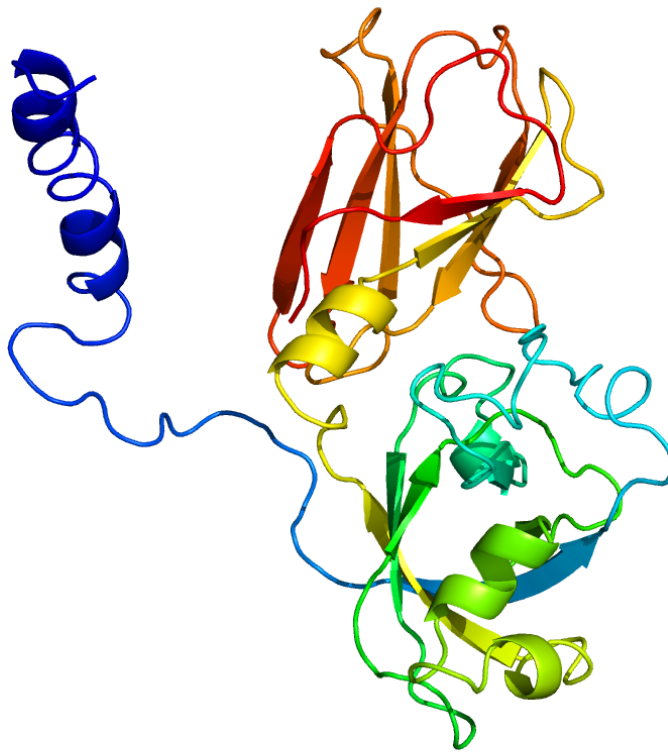
**Locus:** Aqcoe7G084400

**Gene Model:** Aqcoe7G084400.1.p

**Description:** AcEXPB-03

**Family:** Beta Expansin

**3D structure:**

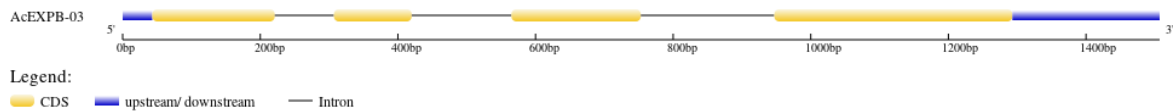


## GENOME DATABASES

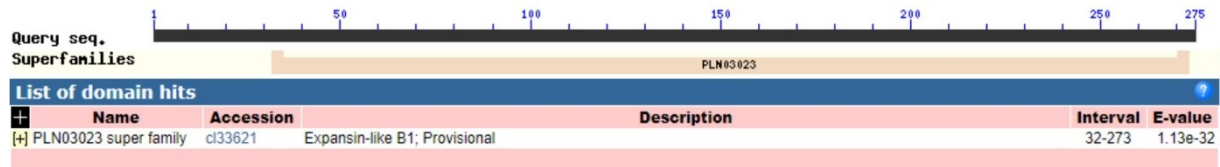
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Acoerulea\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/Acoerulea_v3_1)

## EXTERNAL RESOURCES

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AcEXPB-03

MTAVLHQSSIFIFFAVIVMCFFQNITCFNPRLNVS RFESDWSIAGATWYGPPNGSGSD  
GGACGYKSAVGRFPFSSMVSSAGPSLFKSGQGCGTCYQVKCTCNAACSQKPVTIVIS  
DECPGCVSESAHLDMSGTAFGAMAI SGKADQLRNVGV LQVQYRRTECNYPGRNHSR  
LSSVKFQIDVGANPYYLSTVVEYLN GDGNLASMELEEASNKNTWHQMDRLWGAVW  
KLNSGSELRAPFSIRMKAADCGKVLVANNVIPV GWKPGDIYWSHVNY\*

### CDS (coding sequence)

>AcEXPB-03

ATGACTGCAGTACTTCATCAAAGTTCCATCTTCATCTTCTTTGCTGTGATAGTAAT  
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TCGAATCTGATTGGTCGATAGCTGGGGCGACATGGTATGGCCCTCCCAATGGTTC  
AGGGAGTGATGGTGGTGCCTGTGGTTATAAAAGTGCTGTAGGGAGGTTTCCTTTC  
TCTTCAATGGTATCAAGTGCTGGACCTTCTCTGTTTAAATCAGGGCAAGGTTGTGG  
GACTTGTTATCAGGTTAAATGTACATGCAATGCAGCATGTTACAGAAACCTGTT  
ACCATAGTGATTTAGATGAGTGCCCTGGATGTGTCTCAGAATCGGCTCACCTTG  
ACATGAGTGGGACAGCATTGGAGCCATGGCGATTTCTGGCAAAGCAGATCAACT  
GCGCAATGTTGGTGTGTTACAAGTACAATATCGACGGACCGAATGCAACTACCCT  
GGCCGAAACCATTCTAGATTGTCTAGCGTTAAATTCCAAATTGATGTTGGTGCAA  
ATCCATATTATTTATCTACTGTGGTCGAGTACTTAAATGGAGACGGTAATCTAGC  
AAGCATGGAGCTTGAAGAGGCTTCAAATAAGAATACGTGGCATCAGATGGATCG  
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TCTATCAGGATGAAAGCAGCTGACTGCGGCAAGGTGCTTGTGGCAAACAATGTG  
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### Nucleotide

>AcEXPB-03

CTTGTATTAAGGCAGCAAAACCTAGCTAGTGCTACTTCTGATCATGACTGCAGTA  
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GACCAAGGAAAGATGTAAAACCTAAAACGCTTGTCATATGTTGCTTGATTCATCTC  
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AATTGGTATTT