

## IDENTIFICATION

**Species:** *Aquilegia coerulea*

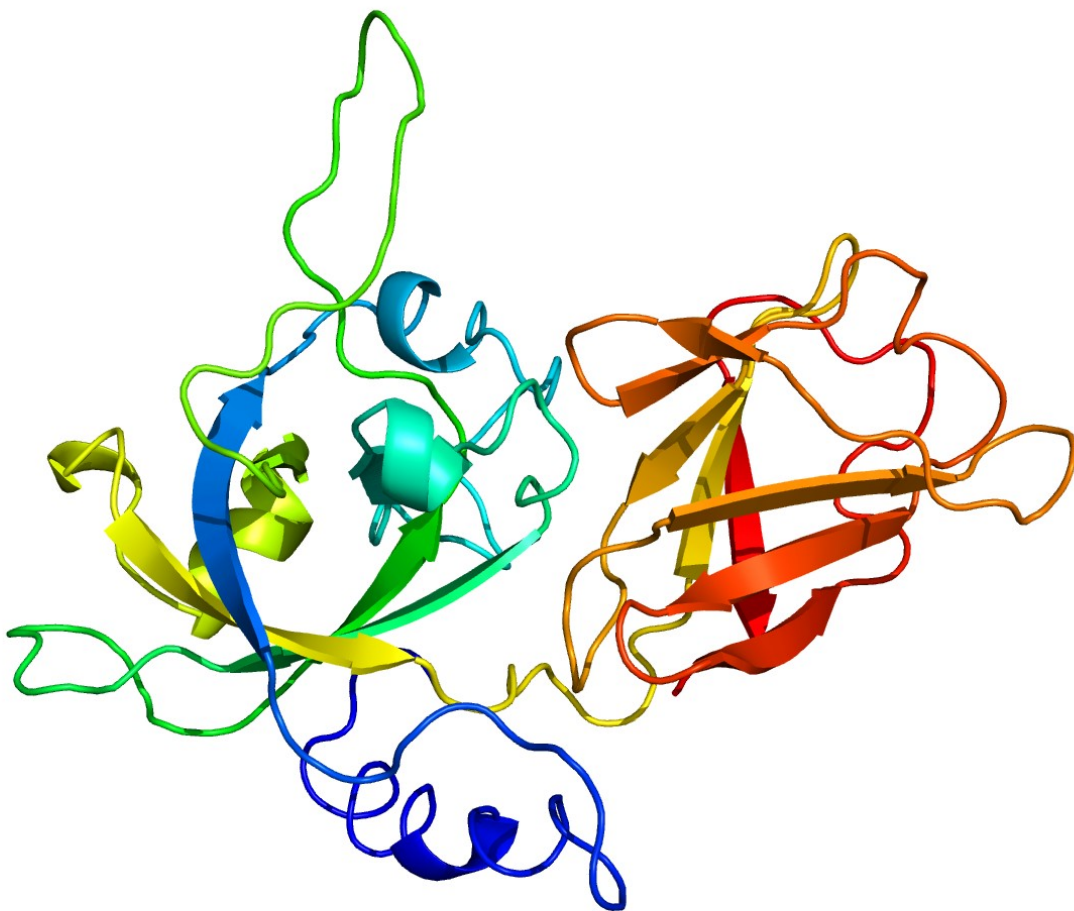
**Locus:** Aqcoe2G075300

**Gene Model:** Aqcoe2G075300.1.p

**Description:** AcEXPA-06

**Family:** Alpha Expansin

**3D structure:**

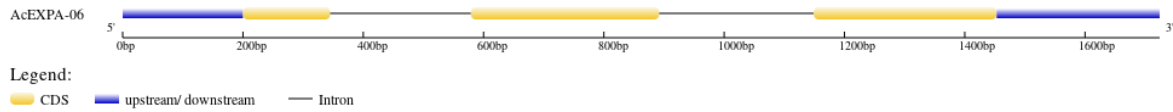


## GENOME DATABASES

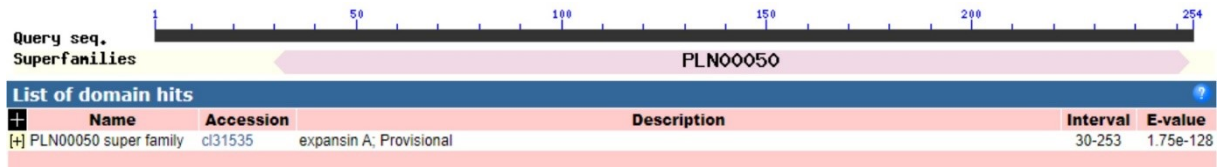
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Acoerulea\\_v3\\_1](https://phytozome-next.jgi.doe.gov/info/Acoerulea_v3_1)

## EXTERNAL RESOURCES

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AcEXPA-06

MAIQMCSFVPLLLFVLLNLQLQGLLADYGGWESAHATFYGGGDASGTMGGACGYG  
NLYSQGYGTNTAALSTALFNGLSCGSCYEMRCNDDPRWCLPGTITVTATNFCPPNP  
SLSNDNGGW CNPPLQHFDMAEPAFLQIAQYRAGIVPIAFRRVPCMKKGGIRFTVNGH  
SYFNLVLITNVGGAGDVHSVSIKGSKTGWQAMSRNWGQNWQSN SYLNGQSLSFQV  
TTSDGRTTTTSYDVAPAGWFEFGKTYQGGQF\*

### CDS (coding sequence)

>AcEXPA-06

ATGGCCATTCAAATGTGTTCTTTTGTTCCTCTTCTTCTTCTTCGTTCTTCTCAACCTA  
CAGTTACAAGGCCTTCTCGCAGACTATGGAGGTTGGGAGTCTGCCCATGCCACAT  
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CTTGTACAGTCAGGGATATGGAACATAACAGCAGCTCTCAGCACTGCTCTATTC  
AACAAATGGGTTGAGTTGTGGGTCTTGTTATGAGATGAGATGCAACGATGACCCCA  
GATGGTGCCTCCCTGGAACCATCACAGTTACTGCAACTAACTTCTGTCCCCCTAAC  
CCTTCTTTGTGCAATGACAACGGTGGCTGGTGCAATCCTCCTCTCCAACATTTTGA  
TATGGCAGAGCCTGCTTTCTTACAAATTGCACAATACCGCGCTGGAATTGTTCCA  
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GTCCATTCAGTGTCCATCAAGGGTTCCAAGACAGGCTGGCAAGCAATGTCAAGAA  
ACTGGGGGCAAACTGGCAGAGTAACTCTTACCTCAATGGTCAAAGCCTCTCCTT  
CCAAGTCACCACTAGCGATGGAAGAACGACCACTAGTTATGACGTCGCCCCAGCT  
GGCTGGGAATTTGGAAAACATATCAAGGAGGCCAATTCTAA

### Nucleotide

>AcEXPA-06

TTTCTGTGGAGAGTTTGTTAACAACCATGCAACATTTTCATAGTTAATATCCCCTT  
CCCCTTTCTAATCTGCCCAAGCAGTTAAAGAATCCTTATAAATAGAGACACATA

TCCTTACCTTTTTTCATCAAAACTTTTCCTCACTTCATCAAAAGCCAACCAACCTC  
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TGGG