

IDENTIFICATION

Species: *Aquilegia coerulea*

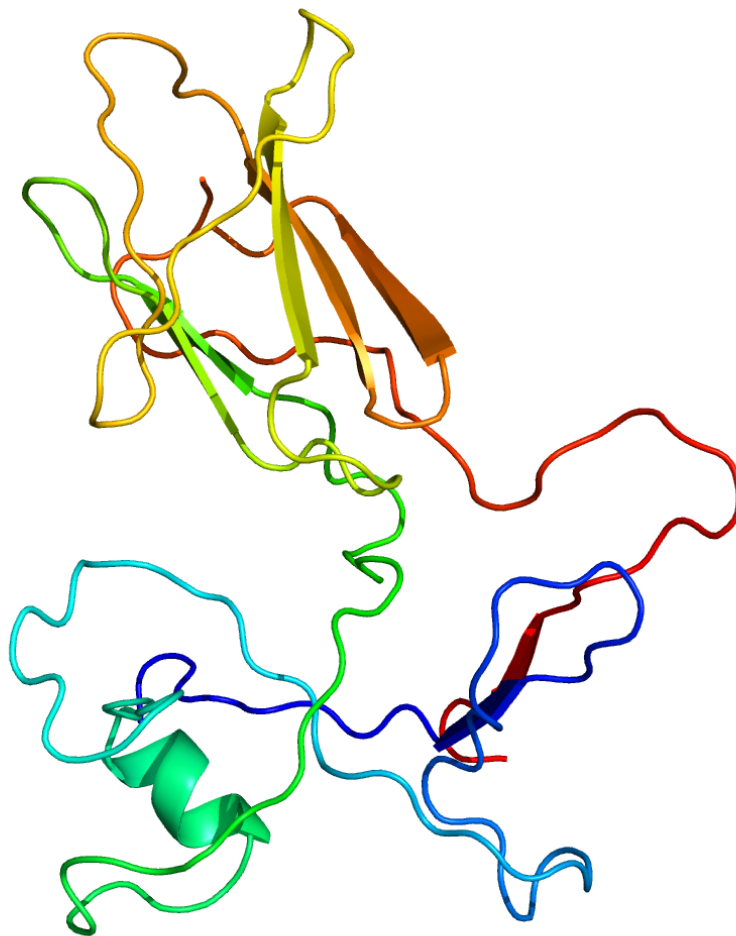
Locus: Aqcoe3G083300

Gene Model: Aqcoe3G083300.1.p

Description: AcEXPA-11

Family: Alpha Expansin

3D structure:

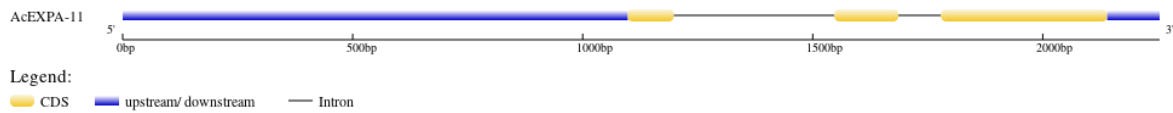


GENOME DATABASES

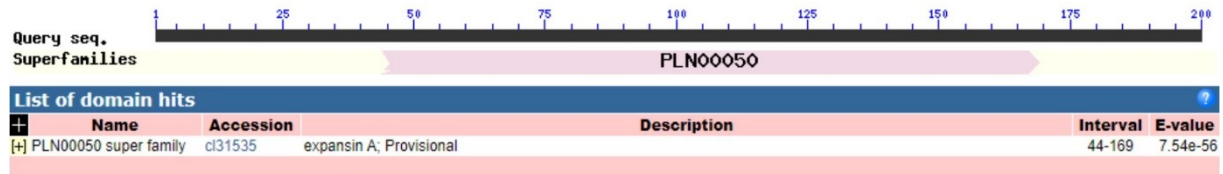
Phytozome: https://phytozome-next.jgi.doe.gov/info/Acoerulea_v3_1

EXTERNAL RESOURCES

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AcEXPA-11

MKKFMKFVWVRSRLLTDLRGRKQLKQLKFALMEKLLHLEILRNNGGWCNPPRQH
FDMSQPAFQKIAVSKAGIEPVLYRKGSKRTGGIRLTITRRDYFDLVLINNVGATGDIA
KVWMKGSKTNSWEPMSRNWGSNCQSSTYLNRSLSFRIQTSNGRRTKTAYNVAASN
GYSADLTPAMFSSKTSISKISISFLNVYPK*

CDS (coding sequence)

>AcEXPA-11

ATGAAGAAGTTTATGAAATTTGTGTGGGTCAGATCACGTAGGTTGTTAACCGACC
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GCATTTGGAGATTTTGCCTAACAATGGTGGATGGTGCACCCGCCACGACAACAC
TTTGACATGTCGCAACCTGCATTTTCAGAAGATTGCAGTTTCCAAAGCCGGCATTG
AACCTGTGCTCTATAGAAAGGGTAGTTGCAAGAGAACTGGAGGGATTTCGATTGA
CCATCACCAGACGAGATTACTTCGACCTGGTCCTCATAAATAATGTAGGAGCAAC
TGGAGATATAGCAAAGGTCTGGATGAAAGGGTCCAAAACAAATAGTTGGGAACC
AATGTCCAGAACTGGGGATCAAAGTCCAAAGCTCGACCTATCTGAATCGCCAG
AGTTTATCATTTAGAAATCCAGACAAGCAATGGACGTACGAAAACAGCATATAATG
TCGCGGCTTCTAATGGGTATTCGGCCGATCTTACTCCAGCAATGTTTCAGTTCTAAG
ACATCTGACTCGAAAATTTCCATTTCTTCTCAATGTTTATCCCAAATAA

Nucleotide

>AcEXPA-11

TCCTATATTATTATTTTTTCAGAAAAAGGGATTCCAAGTTAAGCTACAACCGATTG
CCAATGATCTCAGTGATAATCATGTTTGGTACAAGGAGAGGCTCCAGCCTGCAAA
TAAGGTGATCCTCTTTTAGCATGCCACCTTTGTAAGTTCCTCATCTTCTTCGTCTGT
GTATCCCAATCTCTCTCATGATCTAATTGGACGCGCAATCGGATGCTTGCAAA
CACAAGCTAGATAGTATTGAATGCTCATCTCGATCTCCTGCCTAAGGTAAGTGCAC
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