

IDENTIFICATION

Species: *Aquilegia coerulea*

Locus: Aqcoe3G421000

Gene Model: Aqcoe3G421000.1.p

Description: AcEXPA-14

Family: Alpha Expansin

3D structure:

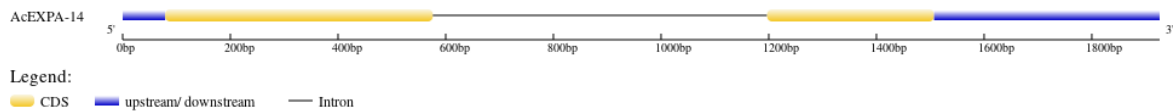


GENOME DATABASES

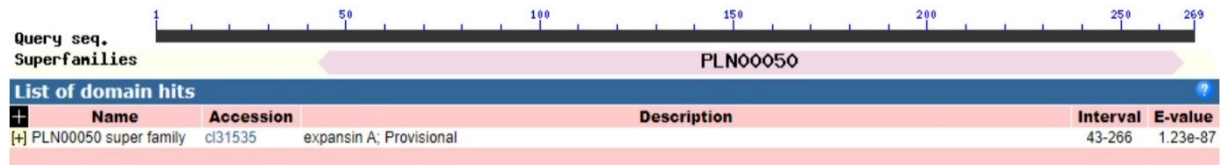
Phytozome: https://phytozome-next.jgi.doe.gov/info/Acoerulea_v3_1

EXTERNAL RESOURCES

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AcEXPA-14

MSVINPIHTLLLLLLLLLTLTPKATVSDRSYSSASSSSFLSEWKSARATFYAASDPRDT
VAGACGYGDLVKRFGMATVGLSSSLFERGQICGGCFELRCVNDLKWCHQGTSIIVT
ATNFCPPNYGLESATGGHCNPPNKHFLLPIDAFEKIAFWKASNMNQYRRIKCIREGG
IRFVIDGSGYFISVLISNVAGAGDVVAVKIKGSRTGWLPMGRNWGQVWHVNADLKN
QPLSFEVTTSDGVTITSYSVAPKTWEYGQSFEGKQFLS*

CDS (coding sequence)

>AcEXPA-14

ATGTCTGTAATAAACCCCATTCACACTCTACTACTTCTTCTTCTTCTTCTCCTCACC
CTTACACCAAAGCAACGGTGAGTGATCGTTCTTACTCATCAGCAAGTAGTTCAT
CATTCTAAGTGAATGGAAATCAGCACGTGCAACATTCTATGCAGCATCTGATCC
AAGAGATACAGTAGCTGGAGCATGTGGATATGGAGATCTAGTTAAAAGAGGATT
TGGAATGGCAACAGTTGGATTAAGTAGTAGTTTATTTGAAAGAGGTCAGATCTGT
GGTGGATGTTTTGAATTAAGATGTGTTAATGATTTAAAATGGTGTCATCAAGGTA
CATCAATTATTGTTACTGCAACTAATTTTTGTCCACCAAATTATGGACTTGAATCT
GCAACTGGTGGTCATTGTAATCCTCCTAATAAACATTTCCCTTTTACCAATTGATGC
TTTCGAGAAAATTGCGTTTTGGAAAGCTTCTAATATGAATGTTCAATATCGCAGG
ATTAAATGCATAAGGGAAGGAGGGATCCGGTTTGTAATTGATGGCTCAGGTTACT
TCATTTGCGTTTTGATCAGCAATGTAGCAGGTGCTGGAGATGTAGTGGCAGTGAA
AATCAAGGGGTCCAGAACAGGGTGGCTTCCAATGGGGAGAACTGGGGGCAAGT
CTGGCATGTTAATGCTGATTTAAAGAATCAACCACTCTCATTGAGGTCACCACT
AGCGATGGGGTTACCATTACATCCTATAGTGTGGCACCCAAAACCTGGGAATATG
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Nucleotide

>AcEXPA-14

AAAAACACACTCAAGTAAGTGTACAACAACACTACAAACACTTCACTACAACCTT
CCTTTTCTTCTCAGAAAGTCAGAAATGTCTGTAATAAACCCCATTCACACTCTACT
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CTTACTCATCAGCAAGTAGTTCATCATTCTAAGTGAATGGAAATCAGCACGTGC
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