

IDENTIFICATION

Species: *Aquilegia coerulea*

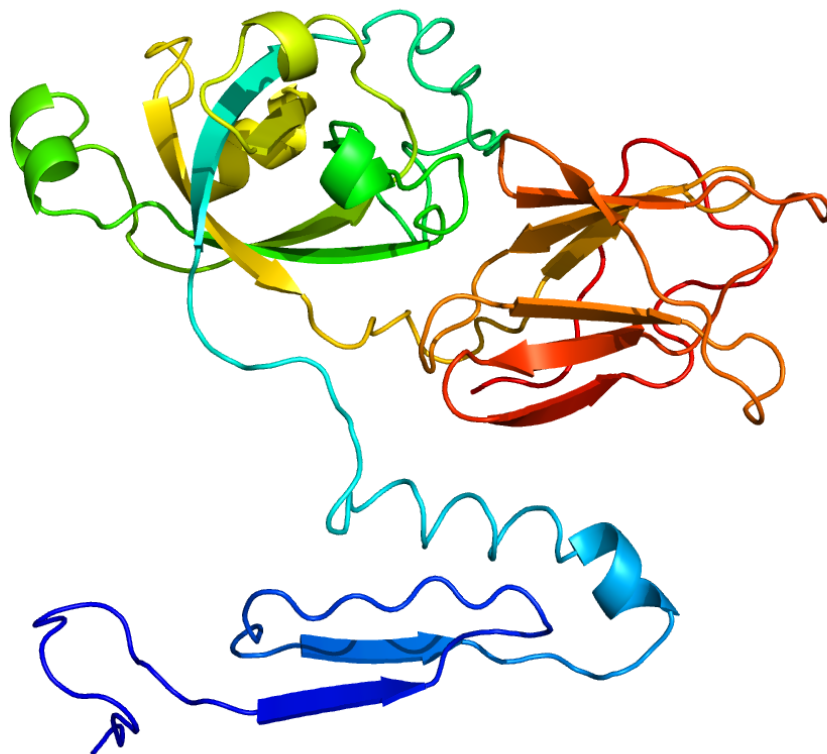
Locus: Aqcoe2G000400

Gene Model: Aqcoe2G000400.1.p

Description: AcEXPA-05

Family: Alpha Expansin

3D structure:

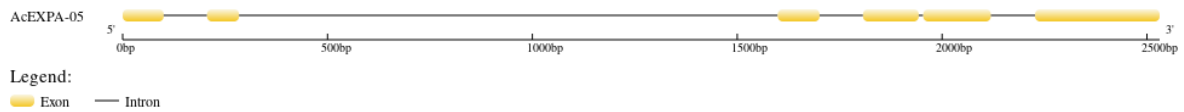


GENOME DATABASES

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

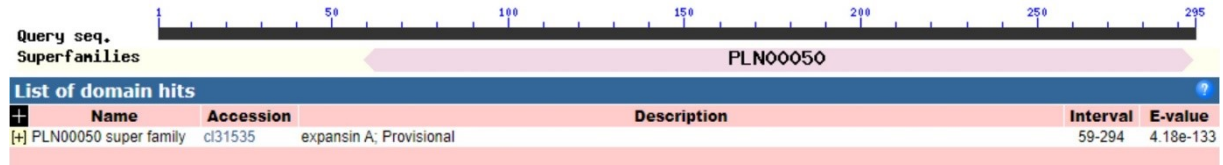
EXTERNAL RESOURCES

GENE STRUCTURE



DOMAIN

ARCHITECTURE



SEQUENCES

Peptide

>AcEXPA-05

MRWYSRFGPLGDVWEIGTCFVLGVGLDLLNLRD�FQIVERTYGRSYARTFRSSPFR
NVLVLLTIFETAYGYGGGWSSAHATFYGGGDASGKMGGACGYGNLYSQGYGTNTA
ALSTALFKNGLSCGACYEVKCVNDPRWIHYSDCNKFLPTQHALPNNAGGWCNTPQQ
HFDLSQPVYQNI AHYKAGIVPVQYRRVACRKIGGIRFTINGHSYFNLVLITNVGGAGD
VVAVSVKASNIGWQAMSRNWGQNWQNSYLSQSLSFKVTTS DGRSVISNNVAPSN
WGFGQTFNGRQF*

CDS (coding sequence)

>AcEXPA-05

ATGAGGTGGTACAGCCGTTTTGGTCCTTTAGGAGATGTGTGGGAGATTGGGACTT
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TCAGGAACGTACTAGTTCTTCTTACCATTTTCGAAACTGCTTATGGATATGGTGGT
GGATGGTCTAGTGCCACGCCACTTTCTATGGAGGAGGTGATGCTTCTGGTAAAA
TGGGAGGTGCATGTGGGTATGGAAATCTCTACAGCCAGGGTTACGGGACTAATAC
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CAACAGCACTTTGATCTCTCTCAGCCTGTTACCAAAACATAGCTCATTACAAAG
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A

Nucleotide

>AcEXPA-05

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CCGCTGCGCACAACAAGATCATTGTCTATGTCAAGAAAAGTGGCTGATTAACCTT
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CTTGTCTCATTACCAATGTTGGCGGGGCAGGAGATGTAGTGGCTGTCTCAGTCA
AAGCCTCTAATATTGGATGGCAAGCCATGTCAAGAAACTGGGGTCAGAATTGGC
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TGGACGCTCAGTGATCTCCAACAATGTTGCTCCTTCCAACCTGGGGATTTGGCCAG
ACTTTAATGGTCGACAGTTCTAA