

IDENTIFICATION

Species: *Aquilegia coerulea*

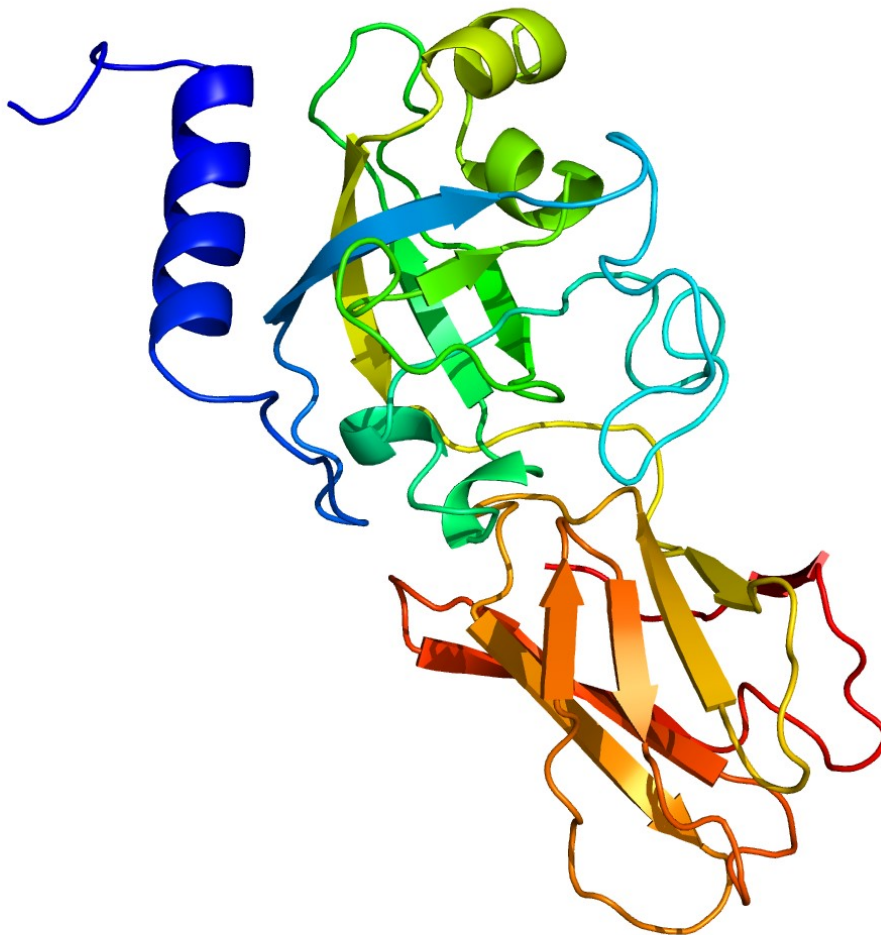
Locus: Aqcoe1G274100

Gene Model: Aqcoe1G274100.1.p

Description: AcEXPB-01

Family: Beta Expansin

3D structure:

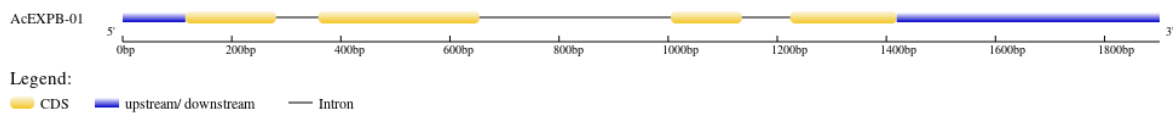


GENOME DATABASES

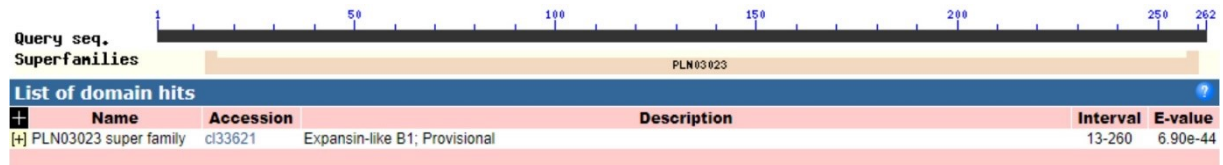
Phytozome: https://phytozome-next.jgi.doe.gov/info/Acoerulea_v3_1

EXTERNAL RESOURCES

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AcEXPB-01

MHHHQHFSGQVIGLFFTCVLVLMFFPATPLPQLTQQRWKPATATWYGSPNGDGSTG
GACGYGTLVDVKPLRTRVGA VSPNLFKNGEGCGACYKVKCLDKNICSRRAVTVIITD
ECPGCASGHFDLSGS AFRMAVSGNNGQLRNRGEISVIYKRTRCKYQGKNVAFHVN
EGSTEFWLSLLVEYEDGDGDIGAMHIQQASSEWQEMKHLWGANWCIITGAPLKG
FSVKLTTL SAKRSL SARGVIPS NWSVKATYTSRLNF*

CDS (coding sequence)

>AcEXPB-01

ATGCACCACCACCAACACTTTTCCGGCCAAGTTATTGGTCTTTTCTTTACTTGTGT
TTAGTATTGATGTTTTTCCGGCAACTCCACTTCCTCAATTGACTCAACAACGTT
GGAAACCTGCAACTGCTACTTGGTATGGAAGTCCAAATGGCGATGGCAGCACTG
GTGGAGCATGTGGATATGGTACATTAGTAGATGTGAAACCATTAAGAACAAGAG
TAGGTGCTGTTAGTCCAAATTTGTTTAAGAATGGAGAAGGATGTGGAGCTTGTTA
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TGGCAAGAGATGAAGCATTTGTGGGGAGCAAATTGGTGTATTACTGGAGCAC
CATTAAAGGGACCTTTTTTCAGTAAACTAACAACTTTTCAGCAAAACGAAGTCT
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CGCCTTAACTTCTAG

Nucleotide

>AcEXPB-01

TGAAACCAAAAAACACTCTAAAGCTAGTGTGGTGTGAGTGAGAGACTTCTAAAG
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TCGCTAATTTTACTAATGTGTATAGGTGGAGCATGTGGATATGGTACATTAGTA
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AATTATATTCA