

IDENTIFICATION

Species: *Aquilegia coerulea*

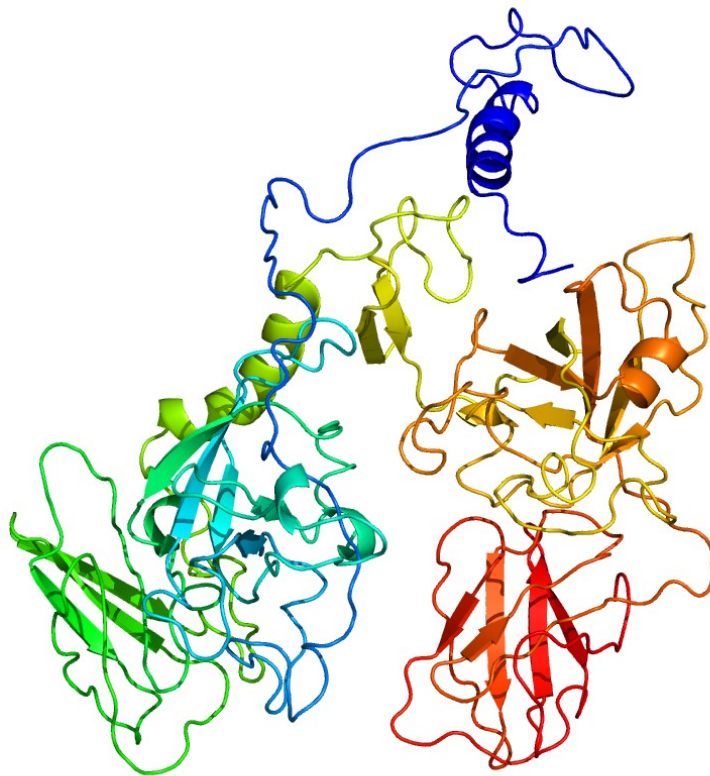
Locus: Aqcoe1G125800

Gene Model: Aqcoe1G125800.1.p

Description: AcEXPA-02

Family: Alpha Expansin

3D structure:

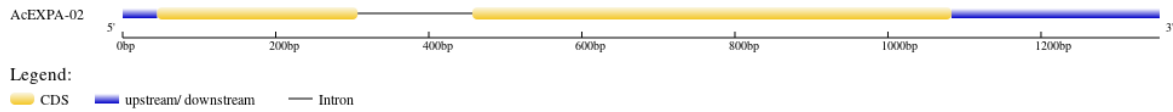


GENOME DATABASES

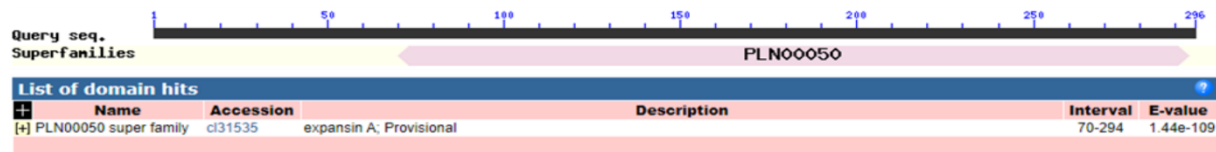
Phytozome: https://phytozome-next.jgi.doe.gov/info/Acoerulea_v3_1

EXTERNAL RESOURCES

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AcEXPA-02

MHPTIMALPLCVFVSLSLLLVLLVLPDVQATYNHIPQGHLHINHPHHPGNGHIATHAPV
KTHRPRFKPGPWYDAHATFYGNADGSETMEGACGYGNLHQGGYGFQTAALSKALF
NEGAACGACFEIKCVNSPQWCNPGQPSIIVTATNLCPPNWWYQASDNGGWCNPPRAHF
DLSQPIFLKIAQYKAGIVPVQYRRVPCAKQGGIRFTINGNPYFTLVMVWNVGGAGDV
QRVQVKGQKTGWVQMKRNWQNWETNVVLTSSQSVTFRVTASDGRTSTSWHVVP
NWQFGQTYEGKNFR*

CDS (coding sequence)

>AcEXPA-02

ATGCACCCTACTATAATGGCGTTGCCTTTGTGCGTCTTCGTGTCTTTATCACTACTT
CTTGTCTTGTCCCTCCCTGATGTCCAAGCTACTTATAATCACATACCTCAAGGCCA
TCTACACATCAATCACCTCACACCCTGGGAATGGACATATTGCTACTCATGCG
CCTGTTAAGACACACAGGCCAGATTCAAACCAGGGCCATGGTATGATGCTCATG
CTACCTTCTATGGAAACGCTGATGGATCAGAAACGATGGAGGGAGCTTGTGGATA
TGAAATTTGCACCAGCAAGGATACGGTTTTCAAACCTGCAGCTTTGAGCAAAGCT
TTGTTCAACGAAGGGGCAGCATGTGGAGCGTGTTCGAGATTAAGTGCCTCAACA
GTCCACAATGGTGCAACCCAGGGCAGCCCTCTATCATCGTCACAGCTACAACTT
ATGCCACCTAATTGGTACCAAGCAAGCGACAATGGTGGATGGTGCAACCCTCCA
CGTGCACACTTTGATCTTTCCAGCCTATATTCCTTAAAATCGCTCAGTACAAGGC
TGGTATTGTACCTGTTCAATACCGCAGGGTCCCTTGTGCCAAACAAGGAGGAATC
CGGTTCAATAAACGGTAACCCTTATTCACCTTGGTCATGGTATGGAATGTAG
GAGGAGCTGGAGACGTTCAAAGGGTGCAAGTAAAGGGTCAGAAGACAGGTTGGG
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GCCAGTCAGTAACCTTCAGAGTCACTGCTAGCGATGGACGTACCTCCACCTCTTG
GCATGTCGTGCCACCCAATTGGCAATTCGGTCAGACCTACGAAGGCAAAAACCTTC
CGATAG

Nucleotide

>AcEXPA-02

CAACCCTGCAAGATCTAAACGCCCAAAGGCAAACCTAGCCAACCTGATGCACCCT
ACTATAATGGCGTTGCCTTTGTGCGTCTTCGTGTCTTTATCACTACTTCTTGTTCTT
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CAAGCGACAATGGTGGATGGTGCAACCCTCCACGTGCACACTTTGATCTTTCCA
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GCAGGGTCCCTTGTGCCAAACAAGGAGGAATCCGGTTCACAATAAACGGTAACC
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