IDENTIFICATION

Species: *Arabidopsis halleri*

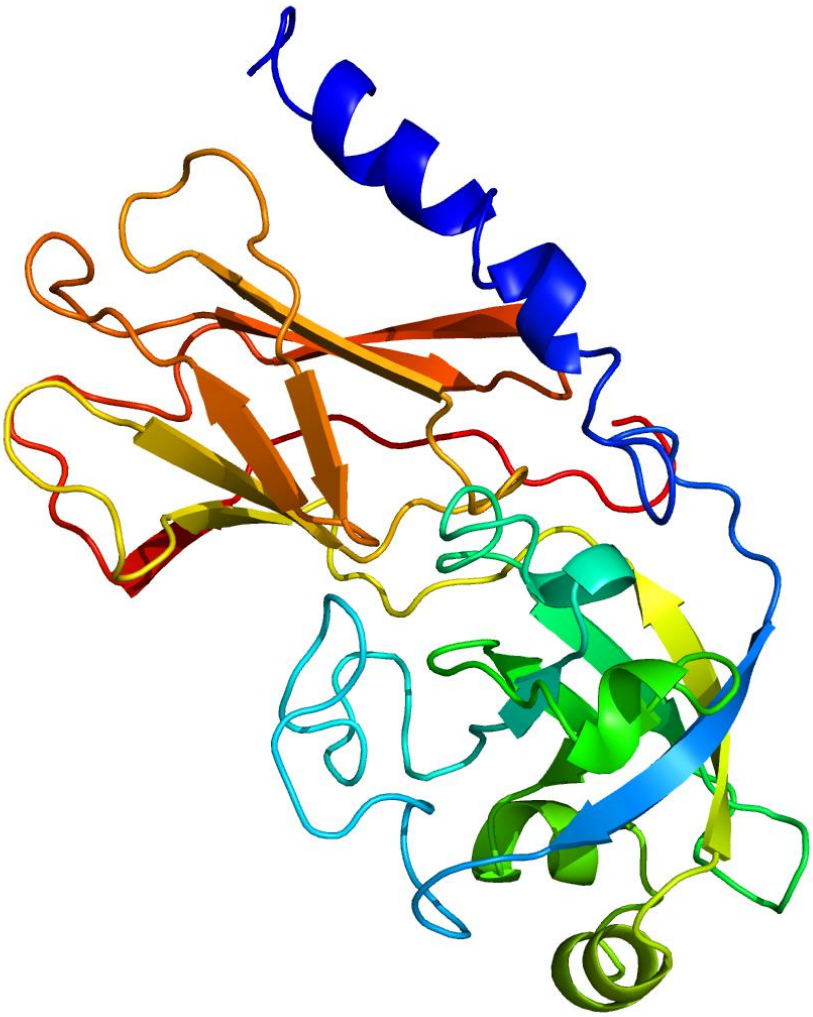
Locus: Araha.12096s0002

Gene Model: Araha.12096s0002.1

Description: AhEXPB-01

Family: Beta Expansin

3D structure:



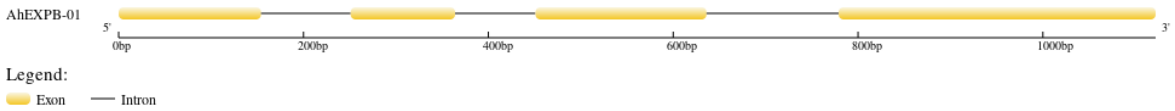
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Ahalleri_v1_1

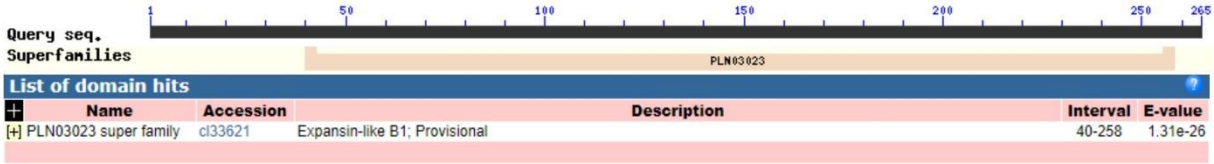
EXTERNAL RESOURCES

https://plants.ensembl.org/Arabidopsis_halleri/Info/Index

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AhEXPB-01

MASSSLKCLSSIVVLTTFFAISLKPCSGHNKTHWNTAGITWYGDREGPGSTGGACGY
GDAVAKHPYRCMVSAGGPSLFKDGKGCGACYRLKCDHPLCTKKPIKVMISDECPGC
TKEAVHFDLSGKAFGALAKRGKGDQLRNLGELKVSYKRACCKHPKAKIAIHVDSGA
NPYYMSFAVKFANGDGNFACIEVQPAGGKYLKMEEMRSAVWRLSPGVPLKGPFNIR
LTSAVSGKKIVAKGVIPEKWSPGAIYHSKVNFPVQRKQK*

CDS (coding sequence)

>AhEXPB-01

ATGGCTTCCTCATCTCTCAAATGTTTGTCTTCTATCGTTGTTCTTACAACTTTCTTT
GCAATCTCATTGAAGCCTTGTTCTGGCCACAATAAAACCCACTGGAACACCGCCG
GCATCACTTGGTATGGCGACCGCGAAGGTCCTGGCAGCACAGGAGGAGCTTGTG
GATATGGTGATGCAGTGGCAAAGCACCCGTACAGATGTATGGTTTCAGCCGGAG
GACCTTCATTGTTCAAAGATGGAAAGGGTTGTGGGGCATGTTACAGGCTTAAATG
CGACCATCCGTTGTGCACGAAAAAGCCGATTAAGGTGATGATATCGGATGAGTGT
CCCGGCTGTACGAAGGAGGCTGTTCATTTTGATCTTAGTGGCAAGGCCTTTGGTG
CATTGGCCAAACGAGGCAAGGGCGATCAACTACGCAACCTTGGAGAACTAAAAG
TTAGTTACAAACGTGCATGTTGCAAACACCCGAAGGCTAAGATCGCTATCCATGT
CGACTCCGGAGCAAATCCTTACTACATGTCATTCGCAGTTAAGTTTGCAAACGGT
GATGGGAACTTCGCCTGCATCGAGGTCCAACCGGCAGGAGGAAAGTATTTGAAA
ATGGAGGAAATGAGATCCGCTGTTTGGAGACTAAGCCCTGGTGTTCCTTTGAAGG
GTCCGTTCAACATCAGGCTTACCTCCGCGGTCTCTGGTAAGAAGATCGTTGCGAA
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Nucleotide

>AhEXPB-01

ATGGCTTCCTCATCTCTCAAATGTTTGTCTTCTATCGTTGTTCTTACAACTTTCTTT
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GCAGTGCATGTTGCAAACACCCGAAGGCTAAGATCGCTATCCATGTCGACTCCGG
AGCAAATCCTTACTACATGTCATTCGCAGTTAAGTTTGCAAACGGTGATGGGAAC
TTCGCCTGCATCGAGGTCCAACCGGCAGGAGGAAAGTATTTGAAAATGGAGGAA
ATGAGATCCGCTGTTTGGAGACTAAGCCCTGGTGTTCCTTTGAAGGGTCCGTTCA
ACATCAGGCTTACCTCCGCGGTCTCTGGTAAGAAGATCGTTGCGAAAGGCGTTAT
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