

IDENTIFICATION

Species: *Arabidopsis halleri*

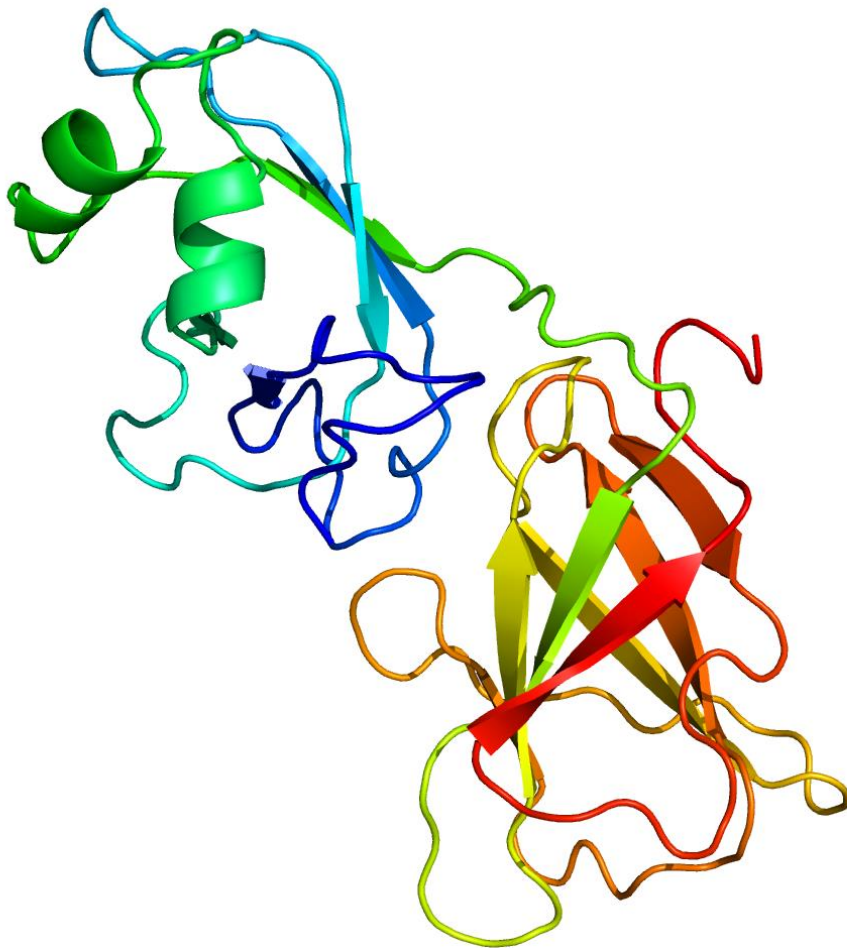
Locus: Araha.18278s0009

Gene Model: Araha.18278s0009.1

Description: AhEXPB-02

Family: Beta Expansin

3D structure:



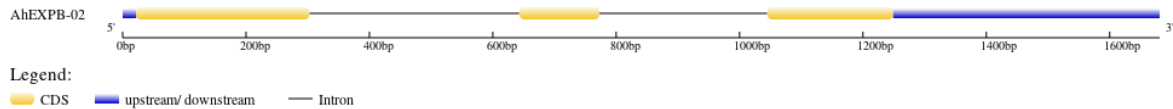
GENOME DATABASES

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

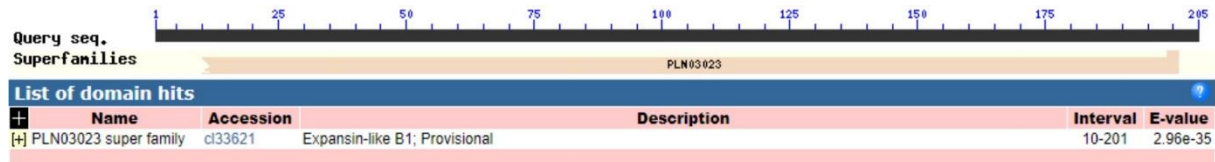
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AhEXPB-02

MLVDVKPLHARVGA VNPILFKNGEGCGACYKVRCLDKSICSRRAVTVIITDECPGCS
KTSTHFDLSGAVFGRLAIAGESGPLRNRLIPVIYRRTACKYRGKNIAFHVNEGSTDF
WLSLLVEFEDGEGDIGSMHIRQAGAREWLEMKHVWGANWCIVGGPLKGPFSVKLTT
LSAGRTLSATDVVPRNWTPKATYSSRLNFSPVL*

CDS (coding sequence)

>AhEXPB-02

ATGTTGGTGGATGTGAAGCCGTTACATGCGAGGGTTGGAGCCGTGAATCCTATTC
TCTTCAAAAACGGTGAAGGTTGTGGAGCTTGTTACAAGGTTCCGGTGCTTGGACAA
GAGCATTGTGTTCCCGGAGAGCCGTCACCGTTATAATCACCGATGAGTGTCCCGGC
TGCTCTAAAACCAGCACTCACTTTGACCTCAGTGGTGCCGCTTTGGCCGCTTGGC
TATTGCCGGAGAGTCTGGCCCTCTCCGTAACCGTGGGCTAATCCCCGTCATATATC
GCCGGACTGCATGCAAATATAGAGGGAAGAACATAGCGTTCATGTGAACGAAG
GATCAACTGATTTTTGGCTATCTTTGCTGGTTCGAGTTTGAAGACGGAGAAGGAGA
CATTGGCTCCATGCACATTCGCCAAGCAGGAGCGAGGGAATGGTTAGAGATGAA
GCATGTATGGGGAGCCA ACTGGTGCATCGTTGGAGGACCACTCAAGGGACCATTC
TCCGTA AAGCTCACC ACTTTGTCTGCCGGTAGAACACTCTCCGCCACCGACGTTGT
CCCTAGAAACTGGACTCCCAAAGCCACTTACAGTTC CCGCCTCAACTTCTCCCC
GTTCTCTGA

Nucleotide

>AhEXPB-02

AGGAGGAGCGTGTGGGTACGGTATGTTGGTGGATGTGAAGCCGTTACATGCGAG
GGTTGGAGCCGTGAATCCTATTCTTCAAAAACGGTGAAGGTTGTGGAGCTTGT
TACAAGGTTCCGGTGCTTGGACAAGAGCATTGTGTTCCCGGAGAGCCGTCACCGTTA
TAATCACCGATGAGTGTCCCGGCTGCTCTAAAACCAGCACTCACTTTGACCTCAG

TGGTGCCGTCTTTGGCCGCTTGGCTATTGCCGGAGAGTCTGGCCCTCTCCGTAACC
GTGGGCTAATCCCCGTCATATATCGCCGGTACGTATATAATAAATATTATTCTCTT
CTTTTTTTCTTGATAAAGATATTAATATTCTCATTTATTAATGTTTATGCTCTTTCA
ATAACTAACTCGTGACAGTGCACGAGCAAATAGAAAAATACTAGTAGGAATTAT
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ACAGACTCAAAGTGTAAGACTGATGGGCTTTCTTGTGTTTTGTGCAGGCAGGAG
CGAGGGAATGGTTAGAGATGAAGCATGTATGGGGAGCCAACCTGGTGCATCGTTG
GAGGACCACTCAAGGGACCATTCTCCGTAAAGCTCACCACCTTGTCTGCCGGTAG
AACACTCTCCGCCACCGACGTTGTCCCTAGAACTGGACTCCCAAAGCCACTTAC
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ACAGAGTGACTGCTGGCCGTAGGATGGAAACCAATAAGAAAAGTACATCGGAAT
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TCTTGTCACTATCTCTTTCTATTATGGGACATGACATTATATATCATATGAATAAT
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