

IDENTIFICATION

Species: *Arabidopsis halleri*

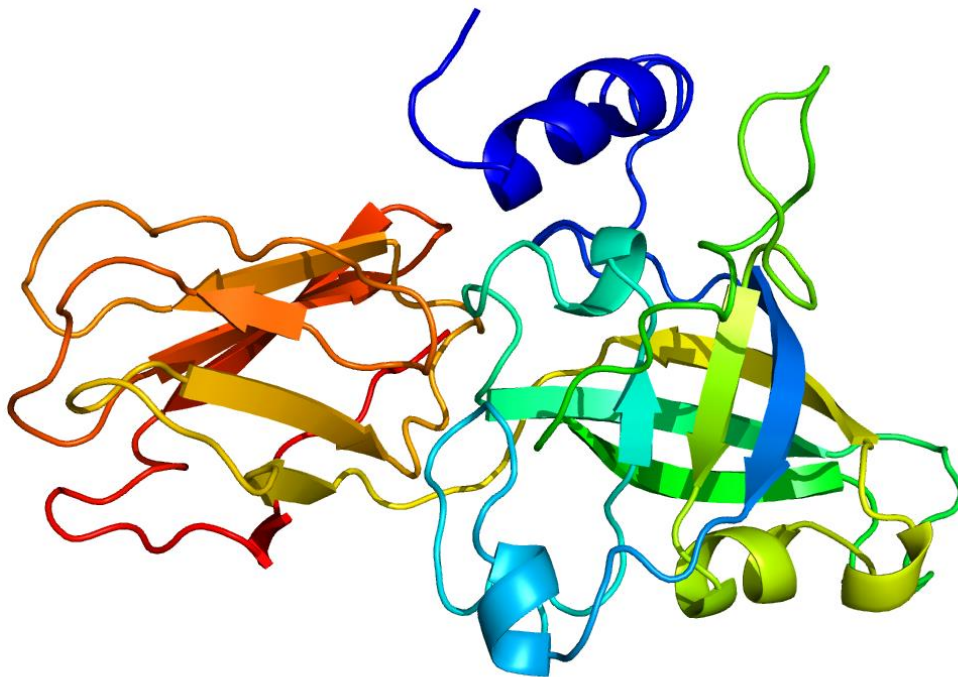
Locus: Araha.16915s0001

Gene Model: Araha.16915s0001.1

Description: AhEXPA-09

Family: Alpha Expansin

3D structure:



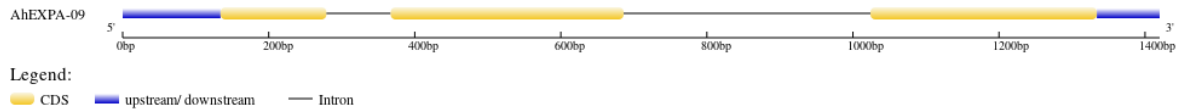
GENOME DATABASES

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

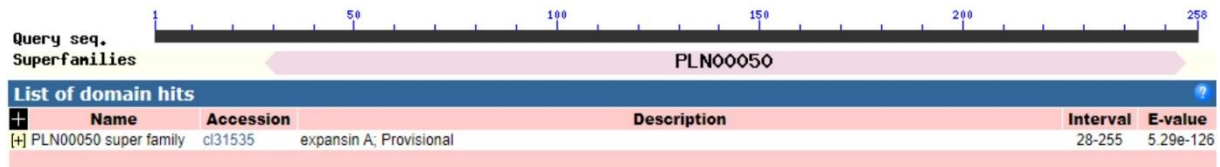
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AhEXPA-09

MAIKLVILFTTFVLFSLADARIPGVYSGSAWQNAHATFYGGSDASGTMGGACGYGNL
YSQGYGTNTAALSTALFNNGMSCGACFELKCANDPQWCHSGSPSILITATNFCPPNL
AQPSDNGGWCNPPREHFDLAMPVFLKIAQYRAGIVPVS YRRVPCRKRGGIRFTINGH
RYFNLVLITNVAGAGDIVRASVKGSRTGWMSLSRNWQNWQSNVAVLVGQSLSFVRV
TGSDRRTSTSWNMVPSNWQFGQTFVGNFRV*

CDS (coding sequence)

>AhEXPA-09

ATGGCTATTAAGTAGTAATTCTCTTTACCACATTTGTCCTTTTTAGCCTCGCCGA
CGCTAGAATCCCCGGCGTTTACTCCGGCAGCGCATGGCAAACGCACACGCCACT
TTTTACGGTGGCAGCGACGCCTCCGGCACAATGGGAGGAGCTTGTGGTTACGGTA
ACCTATACAGCCAAGGCTATGGTACCAACACGGCAGCATTGAGCACGGCGCTGTT
TAACAATGGTATGAGTTGTGGAGCCTGCTTTGAGCTAAAATGCGCCAACGACCCT
CAATGGTGCCACTCAGGTAGTCCTTCGATCCTCATCACCGCAACCAATTTCTGCC
ACCAAAGTTGGCTCAGCCTAGCGACAACGGAGGATGGTGTAAACCGCCTCGTGA
ACATTTGATCTAGCCATGCCTGTCTTCTCAAGATCGCTCAATATCGTGCCGGCA
TTGTCCCGTCTCATACCGCAGAGTGCCTTGTAGAAAGAGAGGAGGGATAAGGTT
CACAATCAACGGTCACCGTTACTTCAACTTGGTTCTGATCACTAACGTGGCTGGG
GCAGGAGACATCGTGAGGGCTAGTGTGAAAGGTTTACGGACTGGTTGGATGAGT
TTGAGCAGGAAGTGGGGACAAAAGTGGCAATCTAATGCTGTTTTGGTTGGTCAGT
CACTTTCTTTCCGTGTCACAGGCAGTGACCGTAGAACATCTACTTCTGGAACATG
GTTCTTCTAACTGGCAGTTTGGTCAAACCTTTGTCGGGAAGAATTTACAGGGTTTA
A

Nucleotide

>AhEXPA-09

CCAAACAAACCTAACTCTTTCTCTATACAAGAGCGCAAGCTCGAAAGCGCTCTTG
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TTGTCCTTTTTAGCCTCGCCGACGCTAGAATCCCCGGCGTTTACTCCGGCAGCGCA
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CCTATACAGCCAAGGCTATGGTACCAACACGGCAGCATTGAGCACGGCGCTGTTT
AACAAATGGTATGAGTTGTGGAGCCTGCTTTGAGCTAAAATGCGCCAACGACCCTC
AATGGTGCCACTCAGGTAGTCCTTCGATCCTCATCACCGCAACCAATTTCTGCCCA
CCAAACTTGGCTCAGCCTAGCGACAACGGAGGATGGTGTAACCCGCCTCGTGAAC
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AAACAATTAGTGGAGGTCATTTTGTTCTCTATTTACCTTTTAGCTTAATTAAATG
ATACTTTTTAGTTGCTATTA AAAATGTAACTAATAGTTGAACATTCTTAGTTTAA
GTCCTTGAAAATCAAATTTTGATGATATTTTACTAAATTTTAGTTTATTTGCTGTG
ACTAATGAACAAATTAATCATTACATTTGATATCTAAGTGAGTGACTAAACGAGT
GTGAAATGTTGGTTTTGTTTGTAGAGTGCCTTGTAGAAAGAGAGGAGGGATAAGG
TTCACAATCAACGGTCACCGTTACTTCAACTTGGTTCTGATCACTAACGTGGCTGG
GGCAGGAGACATCGTGAGGGCTAGTGTGAAAGGTTACGGACTGGTTGGATGAG
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