

IDENTIFICATION

Species: *Arabidopsis halleri*

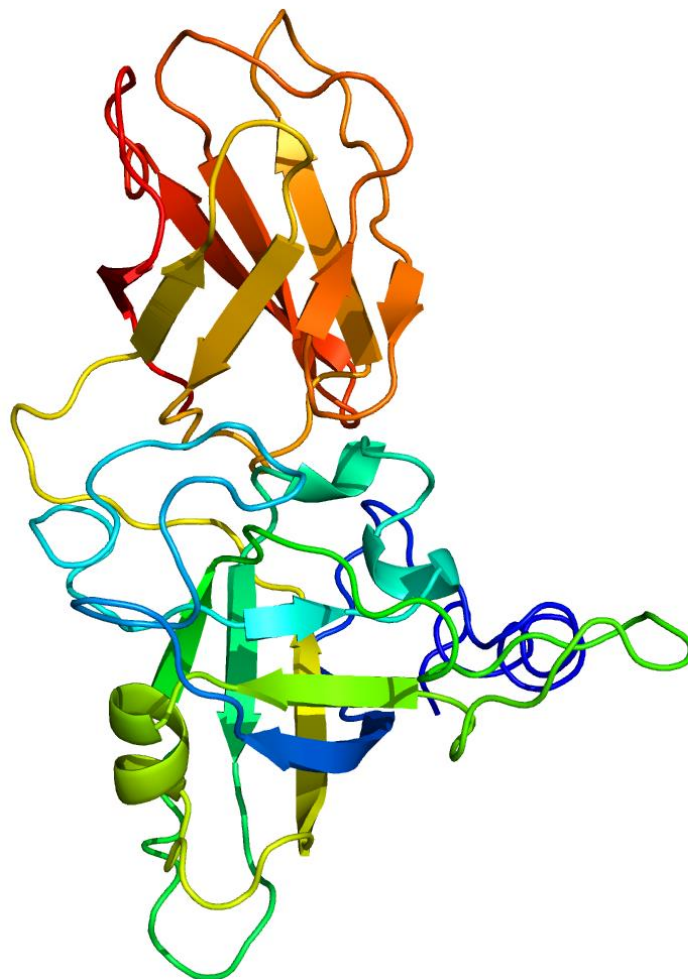
Locus: Araha.3134s0020

Gene Model: Araha.3134s0020.1

Description: AhEXPA-05

Family: Alpha Expansin

3D structure:



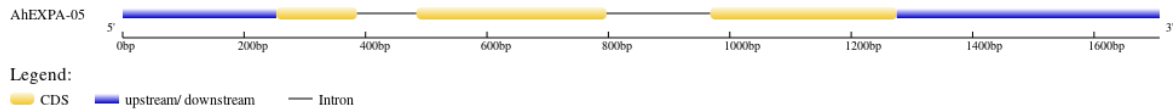
GENOME DATABASES

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

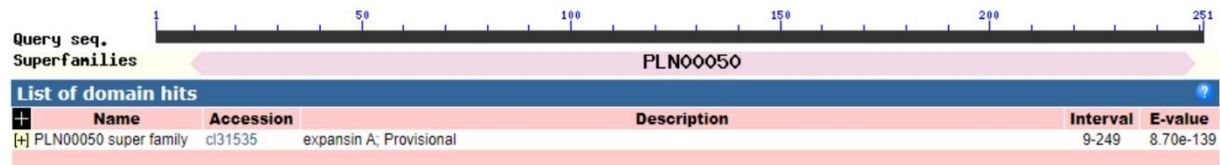
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AhEXPA-05

MALVTFLEFIATLGAMTSRVSGYAGGGWVNAHATFYGGGDASGTMGGACGYGNLYS
QYGTNTAALSTALFNGLSCGACFEIRCQNDGKWCLPGSIVVTATNFCPPNNALPN
NAGGWCNPPQQHFDLSQPVFQRIAQYRAGIVPVA YRRVPCVRRGGIRFTINGHSYFN
LVLITNVGGAGDVHSMVMVKGSRGTGWQAMSRNWGQNWQSN SYLNGQSLSFKVTTS
DGRTTVSNNVANAGWSFGQTFTGAQLR*

CDS (coding sequence)

>AhEXPA-05

ATGGCTCTTGTCACCTTCTTGTTTATAGCTACCCTAGGAGCAATGACGTCACGTGT
CAGCGGCTACGCCGAGGAGGTTGGGTCAACGCACACGCCACATTCTACGGTGG
TGGTGATGCTTCCGGCACAATGGGAGGTGCTTGTGGTTACGGAAACCTTTATAGC
CAAGGCTATGGAACCAACACCGCAGCTCTAAGCACGGCTCTGTTCAACAATGGTC
TAAGTTGTGGTGCTTGCTTCGAGATAAGATGCCAAAACGATGGAAAATGGTGTCT
CCCTGGCTCAATTGTCGTCACAGCCACAACTTTTGCCCTCCTAACAACGCGTTAC
CGAATAACGCAGGAGGTTGGTGTAAACCCTCCTCAGCAGCATTTTGATCTCTCTCA
GCCCGTATTTCAACGTATCGCTCAATACAGAGCCGGCATTGTTCCCGTCGCTTACC
GAAGAGTGCCATGCGTGAGAAGAGGAGGAATAAGGTTTACGATAAACGGACACT
CTTACTTCAACTTAGTTCTTATTACTAACGTCGGAGGAGCCGGAGATGTTCACTCA
GTGATGGTTAAGGGTTCAAGAACAGGATGGCAAGCTATGTCAAGAACTGGGGA
CAGAACTGGCAGAGTAACTCTTACCTAAACGGACAATCTCTCTCATTCAAAGTCA
CCACAAGCGATGGTCGAACCACTGTCTCTAACAACGTCGCTAACGCAGGCTGGTC
TTTCGGCCAGACCTTCACCGGTGCGCAGTTACGTTAG

Nucleotide

>AhEXPA-05

AAAATCATCACTAGCTAAGTTTTTCTATAAATTGAACCACTCGCCTCCTCTGCTTT
TTCCAATTCTAAACCAAACAACATATTCTCATAATCATCTCTTCTTTAATCCTCTTT
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CGATGGAAAATGGTGTCTCCCTGGCTCAATTGTCGTCACAGCCACAACTTTTGC
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CTCTGTTTTTCTCCAAAACAGAGTATAGTGTATTATTGGAATCTTACTCTGTTTTC
TACTTTTTGTTGTGGTGTGTTTGTGACAGAGTGCCATGCGTGAGAAGAGGAGGAATA
AGGTTTACGATAAACGGACACTCTTACTTCAACTTAGTTCTTATTACTAACGTCGG
AGGAGCCGGAGATGTTCACTCAGTGATGGTTAAGGGTTCAAGAACAGGATGGCA
AGCTATGTCAAGAACTGGGGACAGAACTGGCAGAGTAACTCTTACCTAAACGG
ACAATCTCTCTCATTCAAAGTCACCACAAGCGATGGTTCGAACCACTGTCTCTAAC
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ATCATGTATGTTGTAAATTTTTCAATTTCTACAAGTAATGAATGTTGGGG