

## IDENTIFICATION

**Species:** *Arabidopsis halleri*

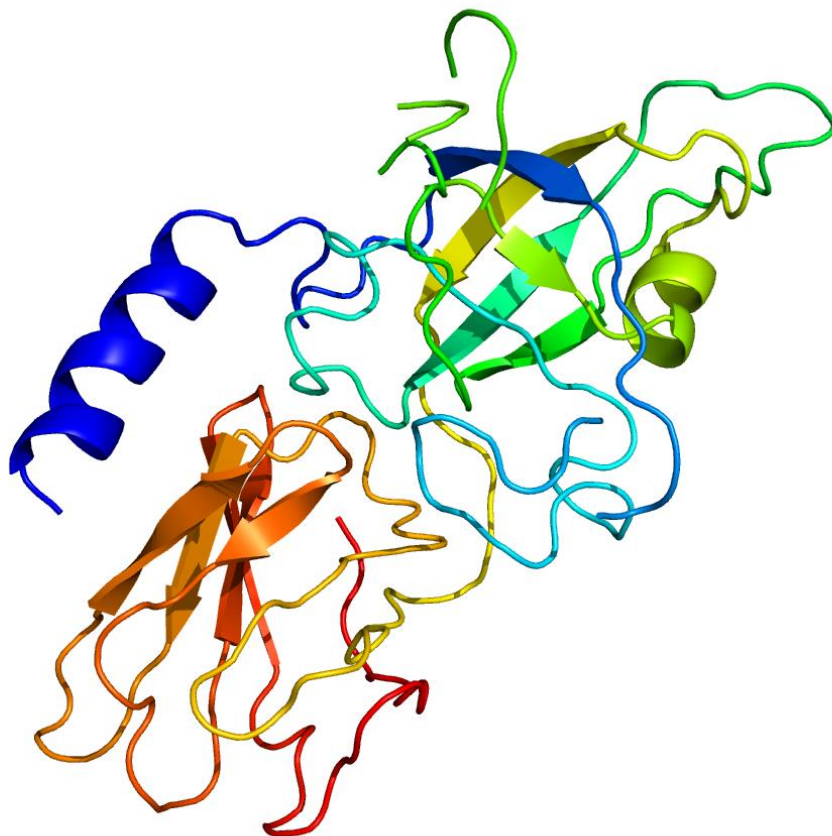
**Locus:** Araha.17879s0002

**Gene Model:** Araha.17879s0002.1

**Description:** AhEXPA-11

**Family:** Alpha Expansin

**3D structure:**



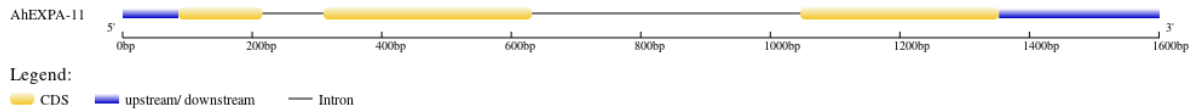
## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Ahalleri\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Ahalleri_v1_1)

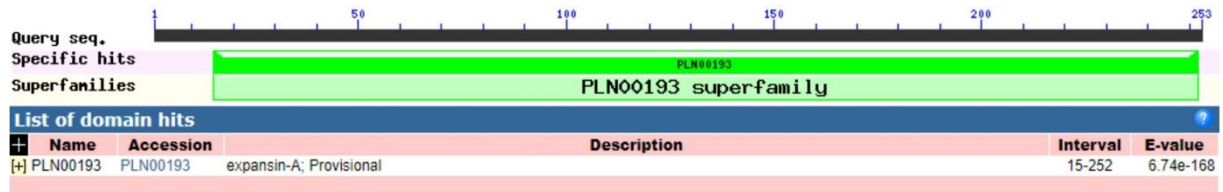
## EXTERNAL RESOURCES

[https://plants.ensembl.org/Arabidopsis\\_halleri/Info/Index](https://plants.ensembl.org/Arabidopsis_halleri/Info/Index)

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AhEXPA-11

MSKSLAGLAVLAALFIAVNAFKPSGLTNGHATFYGGSDASGTMGGACGYGDLYSAG  
YGTMTAALSTALFNDGASCCECYRITCDYAADSRWCLKGASVVITATNFCPPNFALP  
NNGGWCNPLKHFDMAQPAWEKIGIYRGGIVPVVFQRVSCYKKGGVRFRINGRDY  
FELVNIQNVGGAGSIKSVSIKSGKTGWLAMSRNWGANWQSNAYLDGQSLSFSTTTD  
GATRVFLNVVPSWSWFGQIYSSSVQF\*

### CDS (coding sequence)

>AhEXPA-11

ATGTCAAAGTCTCTAGCTGGCTTGGCGGTTTTGGCCGCTCTTTTTATTGCGGTAA  
TGCGTTTAAGCCTTCTGGTTTAACTAATGGTCACGCTACGTTCTATGGAGGAAGTG  
ACGCTTCTGGAACAATGGGTGGAGCTTGTGGGTACGGAGATCTTACTCGGCGGG  
GTACGGGACAATGACAGCGGCGTTAAGCACGGCTCTCTTTAACGACGGAGCTTCT  
TGCGGCGAATGCTATAGGATAACGTGTGATTACGCGGCGGACTCACGGTGGTGCT  
TGAAAGGAGCTTCTGTGGTTATTACAGCCACTAACTTTTGCCACCAAACCTTTGCC  
TTGCCTAATAACAACGGTGGTGGTGAATCCACCGCTCAAACATTTTCGATATGG  
CACAACCCGCTTGGGAAAAGATCGGAATTTACAGAGGAGGAATTGTTCCCGTCGT  
TTTCAAAGAGTAAGCTGTTACAAGAAAGGAGGAGTGAGATTCAGAATAAACGG  
AAGAGACTACTTCGAGCTAGTCAACATTCAAAATGTAGGAGGAGCAGGTTTCGATT  
AAATCTGTCTCCATCAAAGGATCAAAGACTGGTTGGTTAGCCATGTCTCGTAATT  
GGGGAGCTAATTGGCAATCAAATGCTTATCTCGATGGTCAATCTCTCTTTCTCC  
ATTACCACTACCGATGGTGCTACAAGAGTCTTCTCAATGTTGTTCTTCTTCTG  
GTCTTTTGGACAGATTTATTCTTCCAGCGTTCAGTTTAA

## Nucleotide

>AhEXPA-11

CTTTATTTAAACAACCTCTCTCTCCTTCACTCGATCATCATCATCATTATCATCATAA  
TCTCTTTCTTTGTTTCGAAAAATTATAATCATGTCAAAGTCTCTAGCTGGCTTGGCG  
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GAAATTAATTATTTTCTTGTTTTTTTCAGGTGGAGCTTGTGGGTACGGAGATCTTTA  
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