

## IDENTIFICATION

**Species:** *Arabidopsis lyrata*

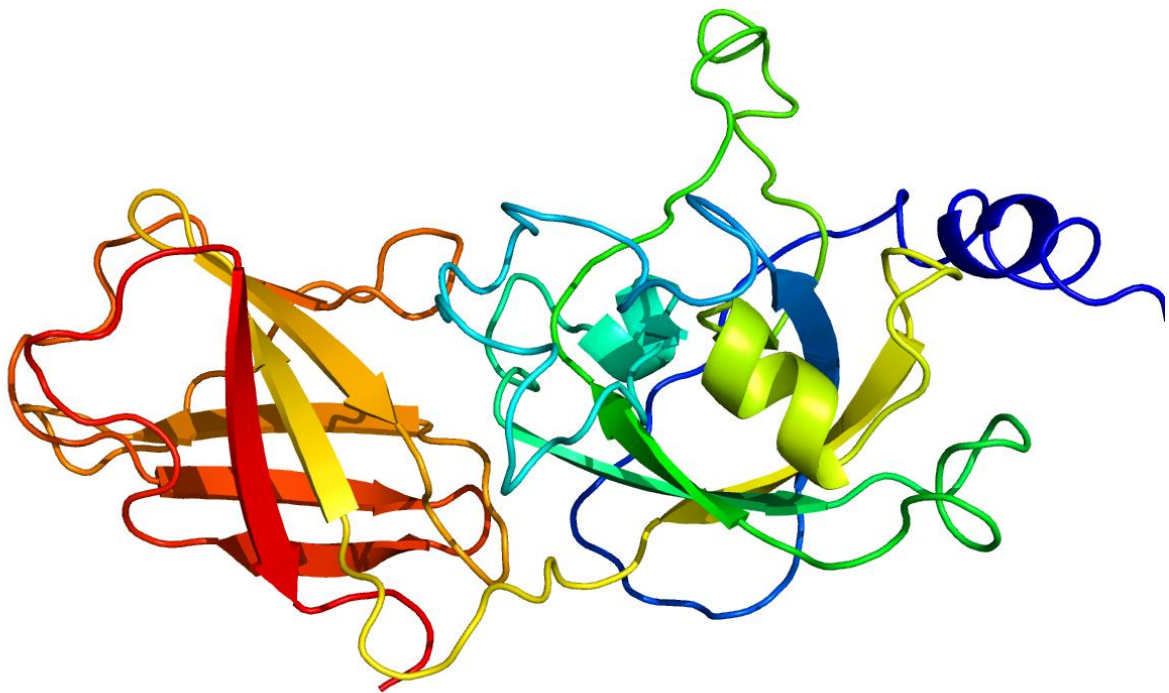
**Locus:** AL6G11520

**Gene Model:** AL6G11520.t1

**Description:** ALEXPA-15

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

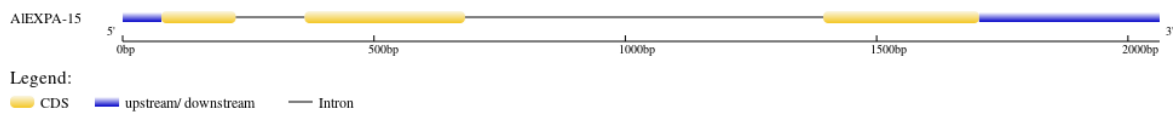
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Alyrata\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/Alyrata_v2_1)

Kegg: <https://www.genome.jp/entry/T01578>

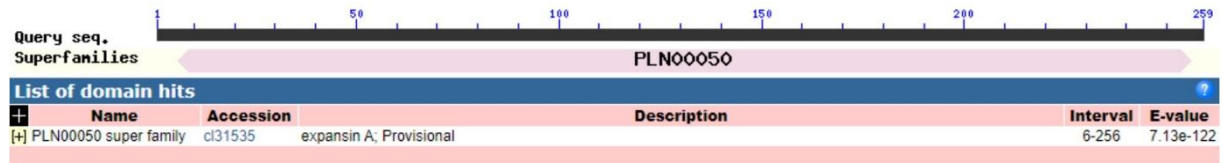
## EXTERNAL RESOURCES

[https://plants.ensembl.org/Arabidopsis\\_lyrata/Info/Index](https://plants.ensembl.org/Arabidopsis_lyrata/Info/Index)

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AIEXPA-15

MAARVITLMAVMVVTAFVNAKIPGVYTGPPWINAHATFYGEADASGTMGGACGY  
GNLYSQGYGVNTAALSTALFNGLSCGSCYELKCVNDPGWCLPGNPSILVTATNFCP  
PNFNQASDDGGWCNPPREHFDLAMPFLTIKAKYKAGIVPVSYRRIPCRKKGIRFTIN  
GFKYFNLVLTNVAGAGDVNKVSVKGTNTQWLDLSRNWQNWQSNVAVLIGQSLSF  
RVKTS DGRSSTSNNIAPSNWQFGQTYSGKNFRV\*

### CDS (coding sequence)

>AIEXPA-15

ATGGCGGCGAGAGTAATAACATTAATGGCGGTTATGGTGGTACTGCCTTTACTG  
TGAACGCCAAAATCCCCGGAGTTTACACCGGTGGTCCCTGGATCAATGCTCACGC  
CACCTTCTACGGCGAGGCTGACGCTTCCGGCACTATGGGTGGTGCCTGTGGGTAC  
GGGAATTTGTATAGCCAAGGTTACGGTGTGAACACGGCGGCTTTAAGCACTGCCT  
TATTCAACAATGGTTTAAGTTGTGGCTCTTGCTATGAGCTCAAGTGTGTCAATGAT  
CCAGGATGGTGTCTTCCCTGGAAACCCATCTATCCTTGTCACCGCCACTAATTTCTG  
CCCTCCAAACTTTAATCAAGCTAGCGATGATGGTGGTTGGTGTAAACCCTCCTCGT  
GAGCACTTTGATCTCGCCATGCCTATGTTTCTAACCATCGCTAAGTATAAGGCCG  
GTATCGTTCCCGTCTCCTACCGCAGGATCCCATGTAGGAAGAAGGGAGGTATAAG  
ATTCACAATCAATGGATTCAAGTACTTCAACTTGGTGTGCTGGTCACTAACGTAGCC  
GGAGCTGGCGACGTCAATAAGGTGAGTGTGAAAGGAACCAACACACAATGGTTA  
GATCTGAGCCGGAACCTGGGGACAAAACCTGGCAATCCAACGCAGTTCTTATCGGCC  
AATCTCTTTCTTTCCGAGTCAAAACCTCCGATGGCCGAAGCTCCACCTCCAACAA  
CATTGCTCCCAGTAACTGGCAATTTGGTCAGACTTACTCCGGCAAGAATTTCCGC  
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### Nucleotide

>AIEXPA-15

CTTCCCTCTCCCTCTCACGATTCTCTCTTCTCTCTCTTCTTCTAAAACCAAACCTTT  
TTCCGTA CTTAAGCAAACAATGGCGGCGAGAGTAATAACATTAATGGCGGTTAT  
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CCCTGGATCAATGCTCACGCCACCTTCTACGGCGAGGCTGACGCTTCCGGCACTA  
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AGTCTTGATAATTA AAAACTTCCA ACTTAAAATAAACATTCTGTGTTTTTTTTAGAGA  
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