IDENTIFICATION

Species: *Arabidopsis lyrata*

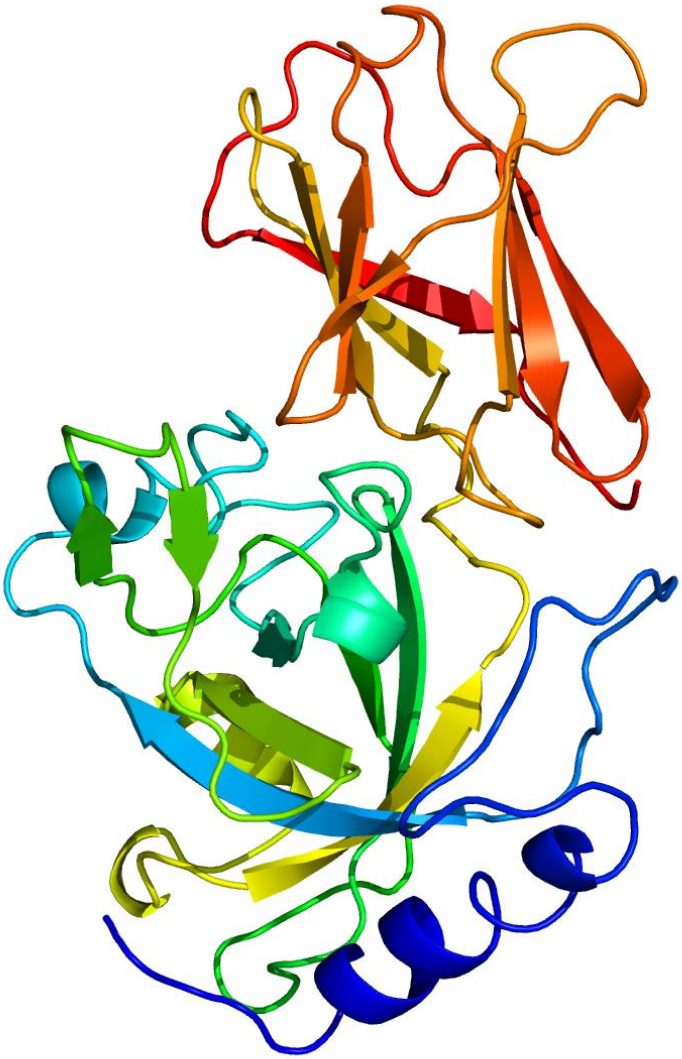
Locus: AL3G12830

Gene Model: AL3G12830.t1

Description: AlEXPA-06

Family: Alpha Expansin

3D structure:



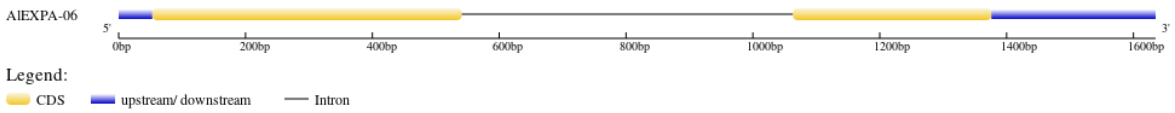
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Alyrata_v2_1
Kegg: https://www.genome.jp/entry/T01578

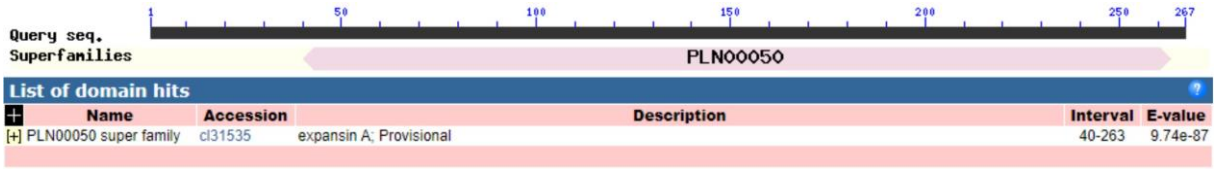
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



List of domain hits

Name	Accession	Description	Interval	E-value
[+] PLN00050 super family	cl31535	expansin A; Provisional	40-263	9.74e-87

SEQUENCES

Peptide

>AlEXPA-06

MQRFLLPLLFLTLSPPAISHYSSSTSSPSSSSVSSDASEWRPARATYYAASNPRDAVGG
ACGYGDLVKSGYGMATVGLSETLFERGQICGACFELRCVDDLRWCIPGTSIIVTATNF
CAPNYGFDPDGGGHCNPPNKHFVLPIEAFEKIAIWKAGNMPVQYRRINCRREGSMRF
TVDGGGIFISVLITNVAGSGDVAAVKIKGSRTGWLPMGRNWGQNWHINADLKNQAL
SFEVTSSDRSTVTSYNVSPKNWNYGQTFEGKQFETP*

CDS (coding sequence)

>AlEXPA-06

ATGCAACGGTTTCTTCTACCTTTACTCTTCCTTACACTATCGCCGCCGGCGATTTCT
CATTACTCTTCCTCAACCTCTTCTCCTTCTTCTTCATCCGTCTCTTCCGACGCCTCA
GAATGGCGTCCAGCTCGAGCCACCTACTACGCCGCTTCTAATCCTCGAGACGCGG
TGGGTGGTGCGTGTGGATACGGAGATCTCGTCAAATCTGGGTACGGTATGGCTAC
TGTTGGTCTAAGCGAGACTCTGTTTGAGCGTGGTCAGATCTGTGGTGCTTGTTTCG
AGCTCAGATGTGTTGATGATCTCCGTTGGTGTATCCCTGGAACTTCAATTATTGTC
ACCGCTACGAATTTTTGTGCTCCTAATTACGGATTTGATCCAGATGGTGGTGGTCA
TTGTAATCCACCTAACAAACATTTCGTGCTTCCGATCGAAGCGTTTGAGAAGATC
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TGATCACCAATGTTGCAGGGTCCGGTGATGTAGCTGCTGTGAAGATCAAAGGGTC
GAGAACCGGGTGGTTACCTATGGGTCGTAATTGGGGACAGAATTGGCATATCAAT
GCTGATCTCAAGAACCAAGCTCTCTCATTTGAGGTAACTTCTAGTGACAGGTCAA
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Nucleotide

>AlEXPA-06

AAAATCTCTAAAATCAAAATTGGCATTTTCTCTCTCGAATTCTCGCCGGAGAGAT
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GTGTTAGTGTGTGTACAAGTTTCTGAGAAATGGTAGATAGGTTTGAATTGGTGGC
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CTCTCGTTTTCATTTTTGCCATGAGAGAAAGAAGATGGAATTTGGAAACCAATGA
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