IDENTIFICATION

Species: *Arabidopsis lyrata*

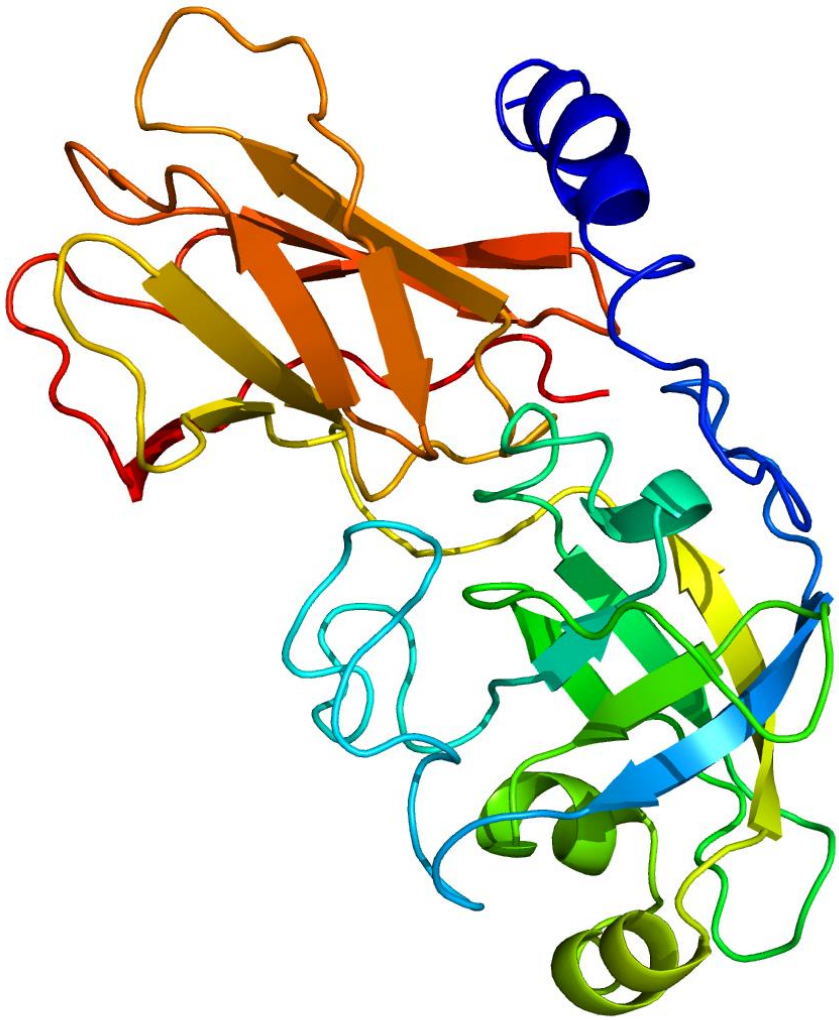
Locus: AL7G24350

Gene Model: AL7G24350.t1

Description: AlEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

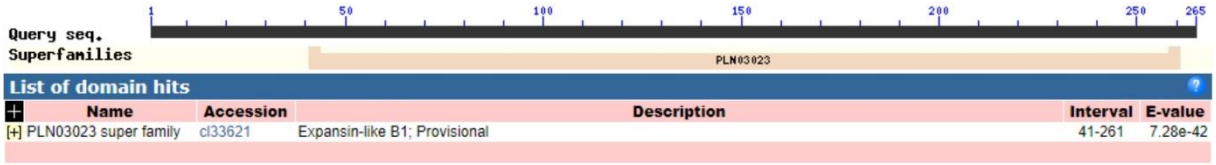
Phytozome: https://phytozome-next.jgi.doe.gov/info/Alyrata_v2_1
Kegg: https://www.genome.jp/entry/T01578

EXTERNAL RESOURCES

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

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AlEXPB-03

MQLSPVMLATLCIVLQLLIGSSALSTTNRHVSNSHWLPAVATWYGSPNGDGSDGGA
CGYGTLVDVKPLHARVGAVNPILFKNGEGCGACYKVRCLDKSICSRRAVTVIITDECP
GCSKTSTHFDLSGAVFGRLAIAGESGPLRNRGLIPVIYRRTACKYRGKNIAFHVNEGS
TDFWLSLLVEFEDGEGDIGSMHIRQAGAREWLEMKHVWGANWCIVGGPLKGPFSIK
LTTLSAGKTLSATDVVPRNWAPKATYSSRLNFSPVL*

CDS (coding sequence)

>AlEXPB-03

ATGCAGCTCTCTCCGGTCATGTTAGCCACACTCTGCATTGTCCTGCAGCTTCTAAT
TGGCTCGTCTGCTTTGTCTACGACCAATCGCCACGTGTCAAACTCTCATTGGCTTC
CCGCAGTCGCTACATGGTACGGAAGCCCCAACGGCGACGGCAGCGACGGAGGAG
CGTGTGGTTACGGTACGTTGGTGGATGTGAAGCCGTTACATGCGAGAGTTGGAGC
GGTGAATCCTATTCTCTTCAAAAACGGTGAAGGTTGCGGCGCTTGTTACAAGGTT
CGGTGCTTGGACAAAAGCATTTGTTCCCGGAGGGCCGTCACCGTTATAATCACCG
ATGAGTGTCCCGGCTGCTCTAAAACCAGCACTCACTTTGACCTCAGTGGTGCCGT
CTTCGGCCGGTTGGCTATTGCCGGAGAGTCTGGCCCTCTCCGTAACCGTGGGCTA
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TCCATGTGAACGAAGGATCAACTGATTTTTGGCTATCTTTGCTGGTCGAGTTTGAA
GACGGAGAAGGAGACATTGGCTCCATGCACATTCGCCAAGCAGGAGCGAGGGAA
TGGTTAGAGATGAAGCATGTATGGGGAGCCAACTGGTGCATCGTTGGAGGACCA
CTCAAGGGACCATTCTCCATAAAGCTCACCACTTTGTCTGCCGGTAAAACACTCT
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CCTCAATTTCTCCCCCGTTCTCTGA

Nucleotide

>AlEXPB-03

AATTTACACATAAAACTCACTCTCTCACTCTCTCACTCTCTCACTGTCGGCGAAGT
AACATTTTCACTTTTCCGGCTCCGATTCTGCTCGGAAAAAACAACTCCGGCAGAA
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CGGCGATCTCGTTTTTTATGGTCCCAACCATTTTTGACCATTCGATATCTTTTTTCT
CACTGATATATTTTACTTTTTTCTTTTCTTTTGCATAATAATAAAAAAGGACTGCA
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