

IDENTIFICATION

Species: *Arabidopsis lyrata*

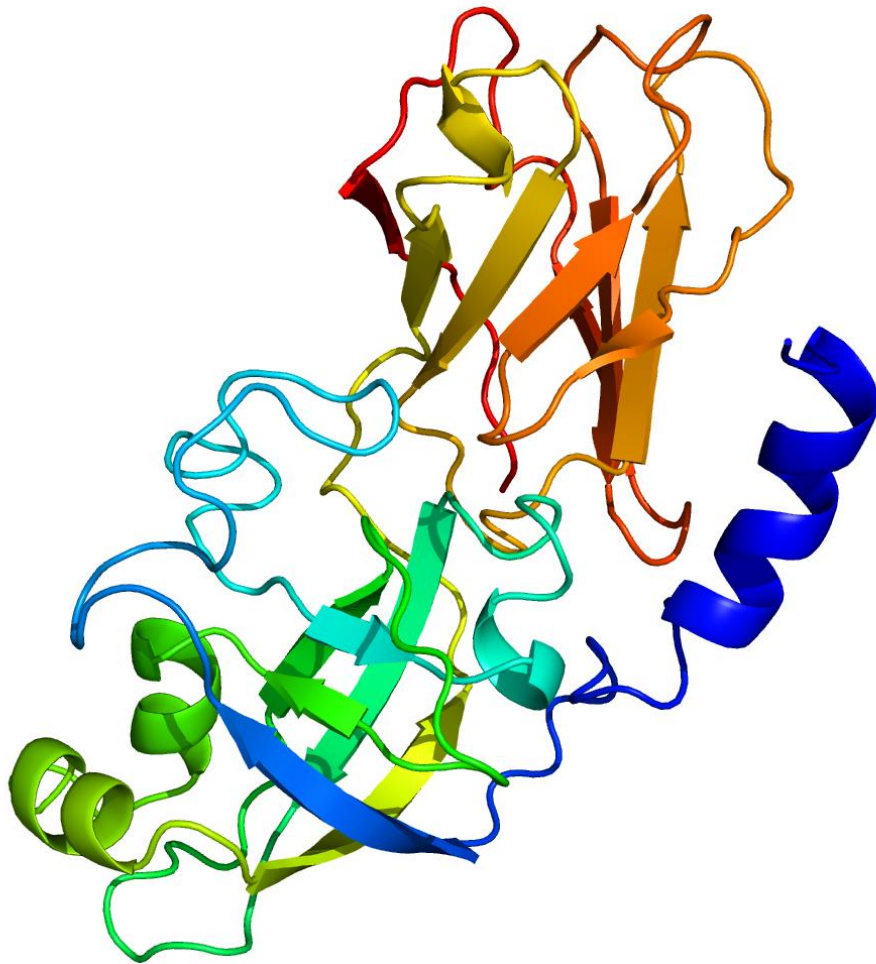
Locus: AL7G37690

Gene Model: AL7G37690.t1

Description: ALEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

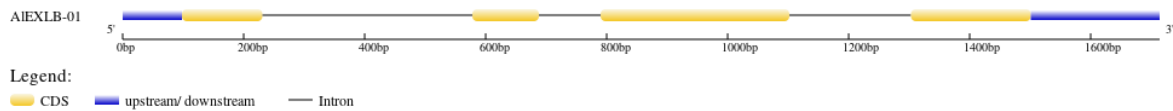
Phytozome: https://phytozome-next.jgi.doe.gov/info/Alyrata_v2_1

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

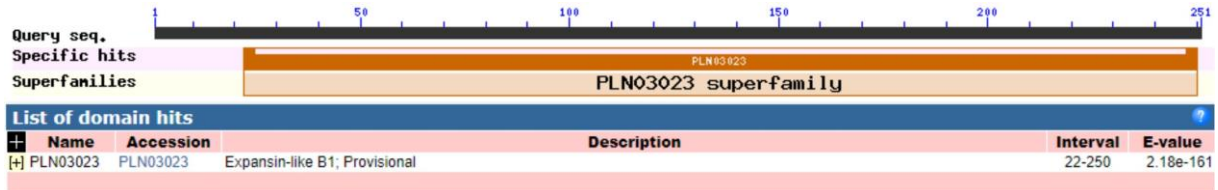
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AIEXLB-01

MKQSHVLLLLLVQVIVLLPLLCLSDDFVNSRATYYGSPDCQANPRGHCGYGEFGRDI
NNGEVSGVSWRLWNNGTGCGACYQVRCKIPPHCSEEGVYVVATDSGEGDGTDFILS
PKAYGRMARPGTENQLYSFGVVDVEYQRIPCRYAGYNLVYKVHEKSYNPHYLAILL
LYVGGVNDILAVEVWQEDCKEWRMRVFGAVHDLQNPGRGTLTLRFLVYGSAGI
NWIQSPNAIPADWTAGATYDSNILLT*

CDS (coding sequence)

>AIEXLB-01

ATGAAGCAATCTCACGTTTTGCTTCTTCTACTTGTTC AAGTCATTGTCCTTTTGCC T
CTCCTTTGTCTATCCGACGATTTTGTAACTCTAGAGCTACTTATTATGGCAGCCC
CGATTGCCAAGCAAATCCTCGAGGACATTGTGGGTATGGAGAATTTGGAAGAGA
TATCAATAACGGTGAAGTGAGTGGTGTTCATGGCGACTATGGAACAATGGAAC T
GGCTGTGGTGCTTGTTACCAGGTGAGGTGCAAAATACCTCCTCACTGCAGTGAGG
AAGGAGTATACGTAGTAGCTACGGACTCCGGAGAAGGAGATGGTACTGACTTCA
TCTTAAGCCCTAAGGCATACGGACGTATGGCGCGACCCGGCACAGAAAATCAGC
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GCCATTCTTCTTGTACGTTGGTGGTGTCAATGACATCCTCGCCGTTGAAGTCTG
GCAGGAGGATTGCAAAGAGTGAGACGTATGAGAAGAGTGTTTGGAGCGGTTCA
CGATTTGCAGAATCCACCAAGAGGCACTCTCACATTGAGGTTCTTAGTCTACGGA
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Nucleotide

>AIEXLB-01

CATATCTTTGATACCAATTCTATTATTTTCCCTATCGTTTGTTAAGAAAAAGAGTT
ACAATTAATAGCTTACAATATATATTAGATAAGAACAACAATATGAAGCAATCTC
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CGACGATTTTGTAACTCTAGAGCTACTTATTATGGCAGCCCCGATTGCCAAGCA
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