IDENTIFICATION

Species: *Arabidopsis lyrata*

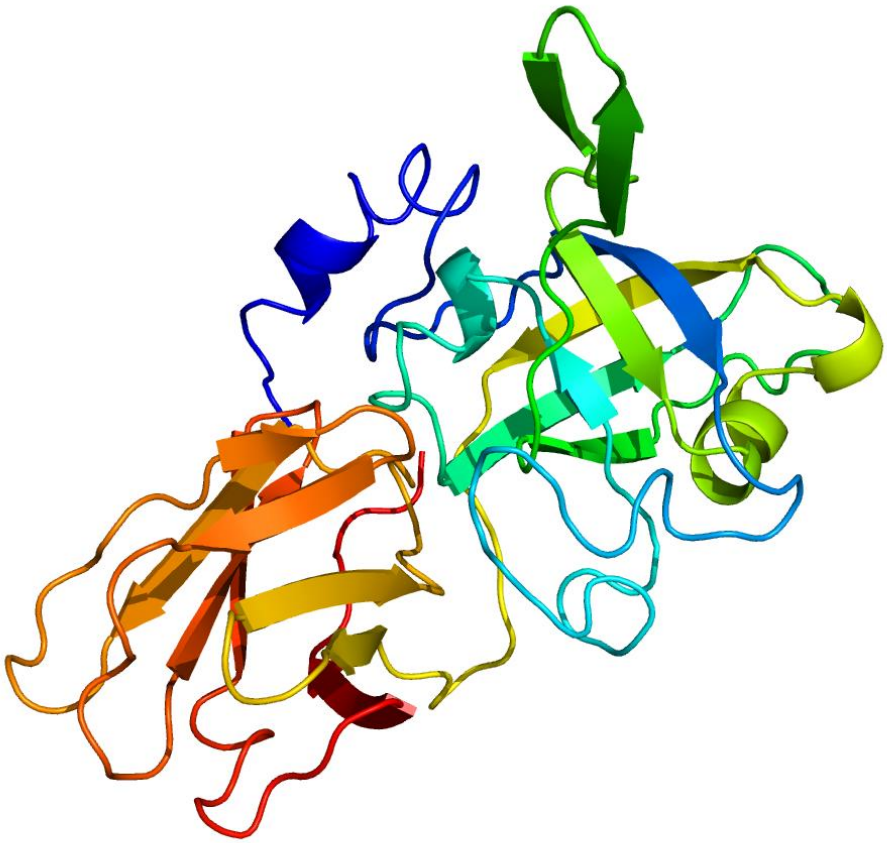
Locus: AL8G31950

Gene Model: AL8G31950.t1

Description: AlEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

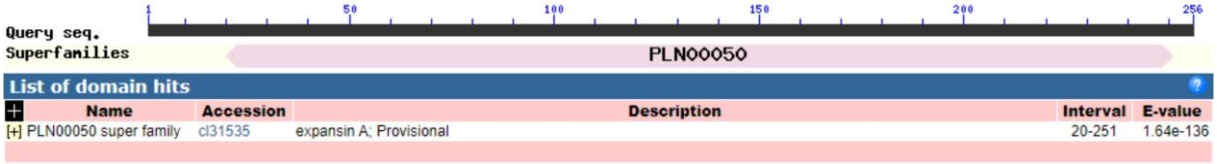
Phytozome: https://phytozome-next.jgi.doe.gov/info/Alyrata_v2_1
Kegg: https://www.genome.jp/entry/T01578

EXTERNAL RESOURCES

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

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AlEXPA-23

MEIFGKVIMSLSLMMMLMWKSVDGYSSGWVNARATFYGGADASGTMGGACGYGN
LYSQGYGTNTAALSTALFNGGQSCGACFQIKCVNDPKWCLRGTITVTGTNFCPPNFA
QANNAGGWCNPPQHHFDLAQPIFLRIAQYKAGVVPVQYRRVACRRKGGIRFTINGHS
YFNLVLITNVAGAGDVVSVSIKGTRTGWQSMSRNWGQNWQSNANLDGQALSFKVT
TSDGRTVVSNNATPRNWSFGQTYTGKQFGAQR*

CDS (coding sequence)

>AlEXPA-23

ATGGAGATTTTCGGAAAAGTGATAATGTCATTGAGTCTTATGATGATGTTGATGT
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TGGAGGTGCTGATGCTTCTGGCACCATGGGCGGCGCGTGTGGTTACGGGAACTTA
TACAGTCAAGGCTACGGAACGAACACGGCGGCTCTTAGCACGGCTCTATTCAACG
GCGGCCAAAGCTGCGGTGCTTGTTTTCAGATAAAATGCGTAAACGACCCAAAATG
GTGTCTCCGAGGAACAATCACCGTCACCGGAACAAACTTTTGTCCACCCAACTTT
GCTCAAGCCAACAACGCCGGAGGTTGGTGTAATCCTCCTCAACATCACTTCGATT
TGGCTCAGCCCATCTTCCTCCGCATCGCTCAATACAAAGCCGGCGTCGTCCCCGTC
CAATACAGGAGAGTGGCTTGCCGGAGAAAAGGAGGAATAAGATTCACGATCAAC
GGTCACTCATACTTCAACCTCGTACTCATAACCAACGTCGCCGGCGCCGGAGATG
TTGTCTCCGTCTCCATTAAAGGAACCAGAACAGGTTGGCAAAGTATGTCAAGAAA
CTGGGGACAGAATTGGCAAAGCAACGCAAATCTTGATGGTCAAGCTTTGTCCTTT
AAAGTAACAACTAGTGATGGCCGTACAGTTGTCTCTAACAATGCTACTCCACGTA
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Nucleotide

>AlEXPA-23

TCACAACAACATTGAAACCCCTTTCCTCTCCCTAAACCACACTTTCATTTTTTTTGT
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TCCTCAACATCACTTCGATTTGGCTCAGCCCATCTTCCTCCGCATCGCTCAATACA
AAGCCGGCGTCGTCCCCGTCCAATACAGGAGGTACGTTTTCCCGATATCGGTTTA
GCTCGGTTTGGTAATTGGTACGTGTGGTTTGATTTATGCTCTGTTTTTAAACAGAG
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TAATAATCAAGTTATTTA