

IDENTIFICATION

Species: *Arabidopsis thaliana*

Locus: AT3G45970

Gene Model: AT3G45970.1

Description: AtEXLA-03

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

TAIR: <https://www.arabidopsis.org/>

KEGG: <https://www.genome.jp/entry/T00041>

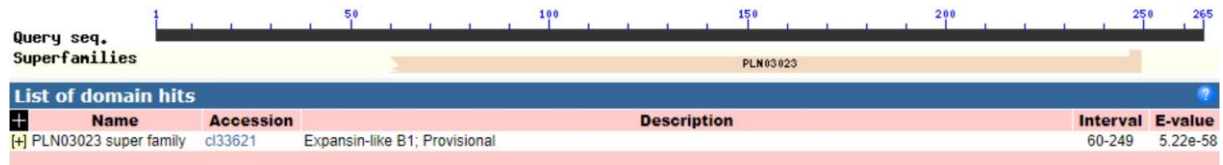
EXTERNAL RESOURCES

<https://www.gabipd.org/database/cgi-bin/GreenCards.pl.cgi?Mode=Show&QueryKey=197c0ef939ecd1d29302d8a4a92c1bc3&x.Overview=1&Start=1>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AtEXLA-03

MGSFLFLIVVIFLFSSSVNACDRCLHRSKAA YFSSASALSSGACAYGSMATSF FAGHIA
AAIPSIYKDGAGCGACFQVRCKNP KLCSTKGTIVMITDLNKS NQTDLVLSSRAFRAM
AKPIVGADKDLLKQGI V DIEYQRVPCDYGNKNMNV RVEEASKKPNYLEIKLLYQGG
QTEVVSIDIAQVGSSPNWGYMTRSHGAVVWVTDKVPTGAIQFRFVVTGGYDGKMIWS
QSVLPSNWEAGKIYDAGVQITDIAQEGCDPCDAHIWN

CDS (coding sequence)

>AtEXLA-03

ATGGGAAGCTTTCTCTTCCTCATCGTAGTCATCTTCCTCTTCTCTTCATCCGTTAAC
GCTTGTGATCGATGTCTTCACCGTTCTAAAGCAGCTTATTTCTCCTCTGCCTCTGCT
CTCTCTTCTGGAGCTTGTGCTTATGGCTCTATGGCTACGAGTTTCTTCGCCGGACA
TATCGCTGCAGCTATCCCTTCTATCTACAAAGACGGTGCTGGCTGTGGAGCTTGCT
TTCAAGTCAGATGCAAGAACCCTAAGCTGTGTAGCACTAAAGGAACCATTGTGAT
GATCACAGACTTAAACAAGAGTAACCAAACCGATCTTGTCCCTTAGTAGCAGAGCT
TTAGAGCTATGGCTAAACCTATTGTTGGTGCTGACAAAGACCTTCTCAAACAAG
GCATTGTGACATCGAATACCAAAGAGTTCCTTGCGATTACGGCAACAAGAACAT
GAACGTGAGAGTAGAAGAAGCAAGCAAGAAACCAAACCTACTTAGAGATAAAGCT
TTTATACCAAGGAGGTCAAACAGAAGTAGTATCCATCGACATTGCTCAAGTCGGT
TCATCGCCAAATTGGGGTTACATGACAAGAAGCCACGGAGCTGTTTGGGTAAC TG
ACAAAGTACCCACCGGAGCTATCCAGTTCAGGTTTCGTAGTAACCGGTGGATACGA
CGGTAAAATGATTTGGTCACAGAGTGTTCTTCCATCCAATTGGGAAGCTGGGAAA
ATTTACGACGCCGGTGTTCAAATCACTGACATTGCTCAAGAAGGTTGTGATCCTT
GCGATGCTCACATCTGGA ACTAA

Nucleotide

>AtEXLA-03

ACATGTAAATTCACATATCTCTCTCTTATTTGATCATAAAGATATTATTGCTTCT
TCAAGTAAACAAAAAATGGGAAGCTTTCTCTTCCTCATCGTAGTCATCTTCCTCTT
CTCTTCATCCGTTAACGCTTGTGATCGATGTCCTCACCGTTCTAAAGCAGCTTATT
TCTCCTCTGCCTCTGCTCTCTTGTAAACATTTTAACTACTTCTTTTTTAACTATC
TGTATGTTTCTTTTCTCATGTCTTGTATGTGTTTTTGCAGCTGGAGCTTGTGCT
TATGGCTCTATGGCTACGAGTTTCTTCGCCGGACATATCGCTGCAGCTATCCCTTC
TATCTACAAAGACGGTGTGGCTGTGGAGCTTGCTTTCAAGTCAGATGCAAGAAC
CCTAAGCTGTGTAGCACTAAAGGAACCATTGTGATGATCACAGACTTAAACAAGA
GTAACCAAACCGATCTTGTCCCTTAGTAGCAGAGCTTTTAGAGCTATGGCTAAACC
TATTGTTGGTGTGACAAAGACCTTCTCAAACAAGGCATTGTTCGACATCGAATAC
CAAAGGTTTCGATTCTCAAACACCTAAACTCTTTGGTTTTCTTAATCACACGATAT
TAACTTGGTCATCAAAAAAAAAAACAGAGTTCCTTGCGATTACGGCAACAAGAA
CATGAACGTGAGAGTAGAAGAAGCAAGCAAGAAACCAAACCTACTTAGAGATAAA
GCTTTTATACCAAGGAGGTCAAACAGAAGTAGTATCCATCGACATTGCTCAAGTC
GGTTCATCGCCAAATTGGGGTTACATGACAAGAAGCCACGGAGCTGTTTGGGTAA
CTGACAAAGTACCCACCGGAGCTATCCAGTTCAGGTTTCGTAGTAACCGGTGGATA
CGACGGTAAAATGATTTGGTCACAGAGTGTTCTTCCATCCAATTGGGAAGCTGGG
AAAATTTACGACGCCGGTGTCAAATCACTGACATTGCTCAAGAAGGTTGTGATC
CTTGCGATGCTCACATCTGGAACCTAAGTTATTTAGTGGCACACAAACAAACATCT
TTCATAGGTTTATATATAATGTGTGACAGAGGTTATTAATGAACATAGTTAAAGA
ATGCTTAATCTAATGATTCTCATGATTCTACATTG