

IDENTIFICATION

Species: *Arabidopsis thaliana*

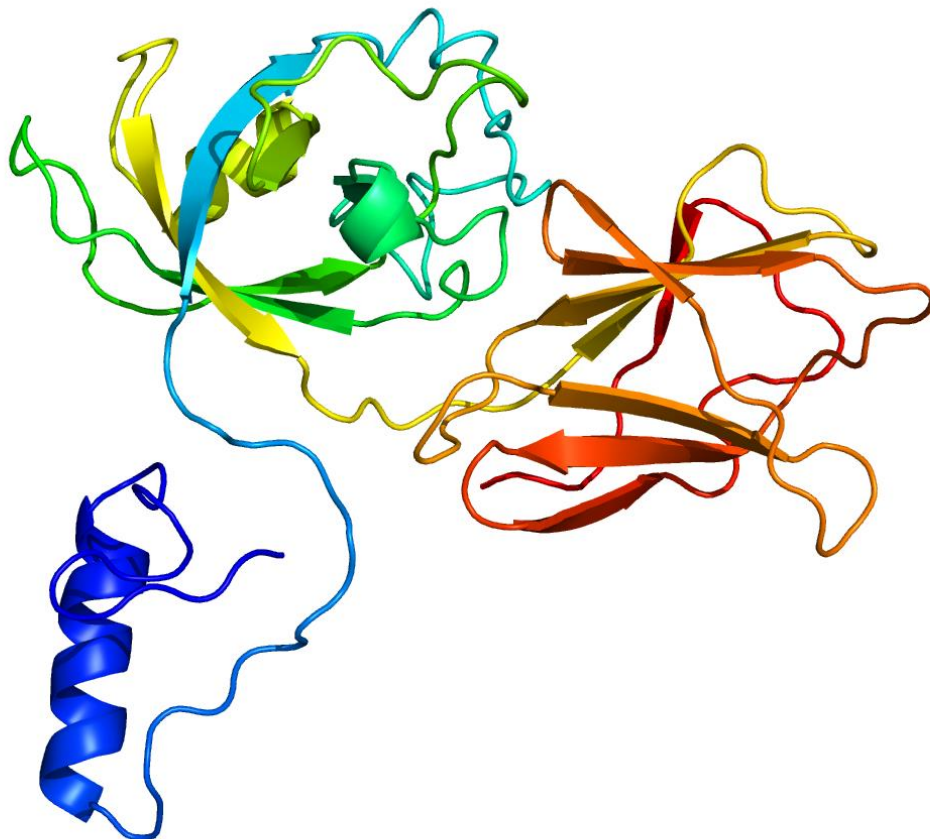
Locus: AT5G39260

Gene Model: AT5G39260.1

Description: AtEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

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

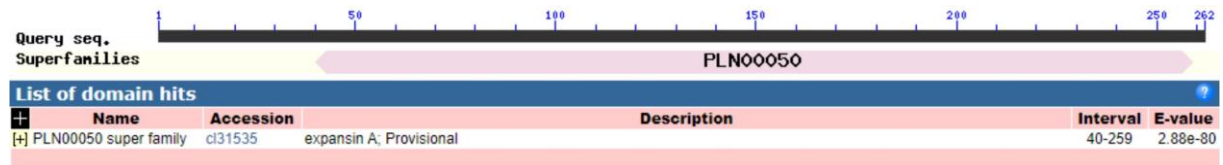
EXTERNAL RESOURCES

<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

>AtEXPA-26

MKLLKMTYVECFMIIMATWFMFISYSHGANVAAAPGTNGLDTAWYDARAAYYGD
IHGGGTELEGACGYGDLNKHGYGLATAALSTALFNSGASCGACYEIMCSPNPQGCLS
GSIKITATDLCPPGSAWCYLPNKHFDLSLPMFIKIAQVKAKMVPVRYRRVPCAKTGG
VKFEVKGNPNILTILPYNVGGAGDIIAVSAKGSKTAWVVMRSRYWGQNWTTNVNLTG
QSVSLRVTTSDGITKDFTDVMPASWGFGQTFDGTKTNF

CDS (coding hits sequence)

>AtEXPA-26

ATGAAATTGCTAGAAAAAATGACATATGTAGAATGTTTTATGATAATAATGGCGA
CATGGTTCATGTTTCATAAGTTACAGTCATGGAGCCAATGTAGCTGCAGCACCTGG
AACCAACGGACTTGATACTGCTTGGTATGATGCGCGAGCCGCATATTATGGTGAT
ATCCATGGTGGAGGCACTGAACTAGAAGGAGCTTGTGGATACGGTGATCTAAC
AAACATGGATATGGTCTAGCCACAGCAGCATTGAGCACGGCGCTCTTCAACAGCG
GGGCCTCATGTGGGGCTTGTACGAGATCATGTGCTCTCCTAATCCACAAGGATG
TTTGTCCGGATCTATCAAGATCACAGCAACAGATTTATGTCCACCAGGATCCGCT
TGGTGCTACCTACCAAATAAACACTTTGATCTCTCCTTACCAATGTTTCATCAAGAT
CGCTCAGGTCAAAGCCAAGATGGTCCCGGTTAGATACAGACGTGTTCCCTGTGCG
AAAACCGGTGGTGTCAAGTTTGAAGTTAAAGGAAACCCTAATATCTTAACGATCT
TGCCGTACAATGTAGGAGGAGCAGGAGATATTATAGCCGTGTCTGCTAAGGGAA
GCAAACCGCGTGGGTAGTAATGAGCAGATATTGGGGACAAAATTGGACTACTA
ATGTTAATCTAACCGGTCAAAGTGTATCATTAAAGGGTTACAACGAGTGATGGGAT
TACAAAGGATTTTACTGATGTGATGCCAGCAAGTTGGGGATTTGGGCAGACTTTT
GATGGAAAGACTAACTTTTAA

Nucleotide

>AtEXPA-26

AAGCTAAAAGTAAAACAAAATCATCAAAGAGGGATAATAATCATGAAATTGCTA
GAAAAAATGACATATGTAGAATGTTTTATGATAATAATGGCGACATGGTTCATGT
TCATAAGTTACAGTCATGGAGCCAATGTAGCTGCAGCACCTGGAACCAACGGACT
TGATACTGCTTGGTATGATGCGCGAGCCGCATATTATGGTGATATCCATGGTGGA
GGCACTGAACGTAAGTTAAAATTACTAATATGTTGTCGAATCTAATTATTACATT
GATGTTTTGTTTCAAATGTATATAAGCTGCGATTGTTTTAAATATAAATAAACAA
TTAAATCCATAATAGTTACATACTAACTTTTTATTATTATACATTCAGTAGAAGGA
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TGAGCACGGCGCTCTTCAACAGCGGGGCCTCATGTGGGGCTTGTTACGAGATCAT
GTGCTCTCCTAATCCACAAGGATGTTTGTCCGGATCTATCAAGATCACAGCAACA
GATTTATGTCCACCAGGATCCGCTTGGTGCTACCTACCAAATAAACACTTTGATCT
CTCCTTACCAATGTTTCATCAAGATCGCTCAGGTCAAAGCCAAGATGGTCCCGGTT
AGATACAGACGTGTTCCCTGTGCGAAAACCGGTGGTGTCAAGTTTGAAGTTAAAG
GAAACCCTAATATCTTAACGATCTTGCCGTACAATGTAGGAGGAGCAGGAGATAT
TATAGCCGTGTCTGCTAAGGGAAGCAAAACCGCGTGGGTAGTAATGAGCAGATA
TTGGGGACAAAATTGGACTACTAATGTTAATCTAACCGGTCAAAGTGTATCATT
AGGGTTACAACGAGTGATGGGATTACAAAGGATTTTACTGATGTGATGCCAGCAA
GTTGGGGATTTGGGCAGACTTTTGGATGGAAAGACTAACTTTTAAGAAAAATGATA
TGAATTTTTTTTAGTTTTGGCTTACAAGTTACAACCTAAGAGAGATGTATTGGTTGC
AATAATTAATAAATAAATGAAATATTGTTTATGATACTTTTAGTTCTTGGCTTCCTG
CATTTGGTTTCAATCTAAAGATTTAACCAGAACTAGAGATGGACCATGAAACTAC
ATGAACCGAACCAACCCAAAACAGTTGAACAAAATTGAACCGATATTTGTTTATA
AAC