

IDENTIFICATION

Species: *Arabidopsis thaliana*

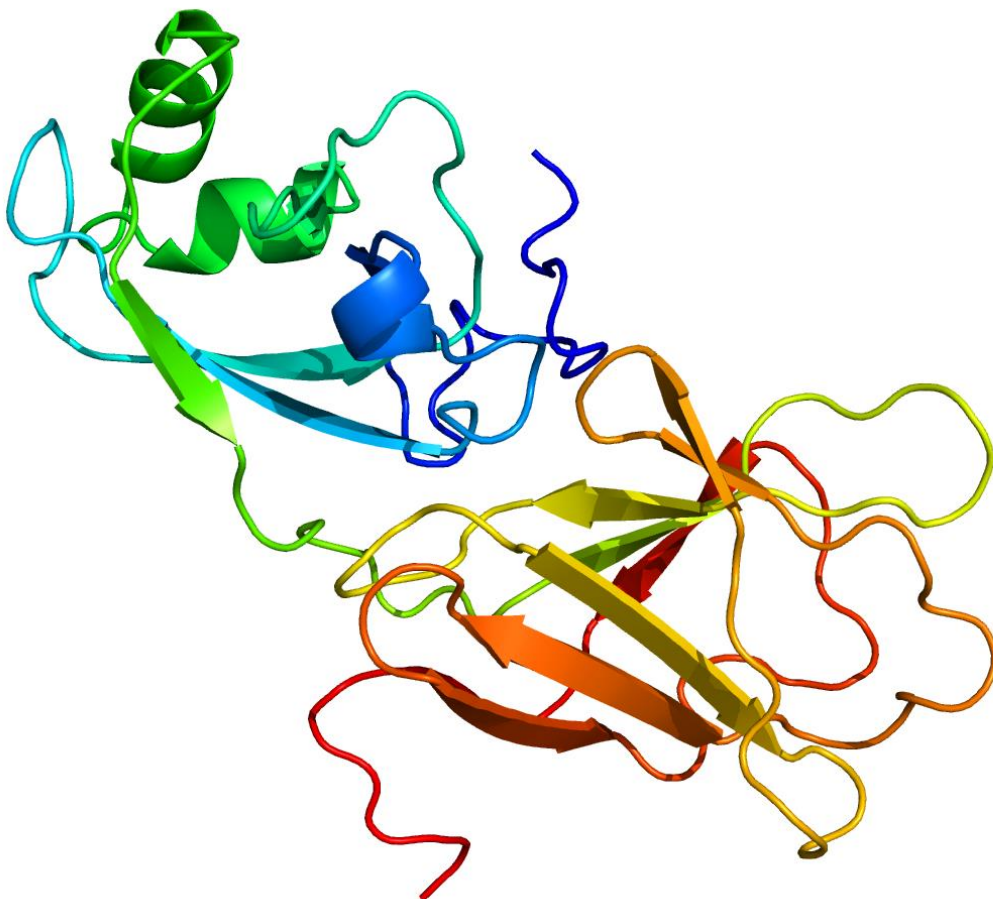
Locus: AT3G60570

Gene Model: AT3G60570.2

Description: AtEXPB-07

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

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

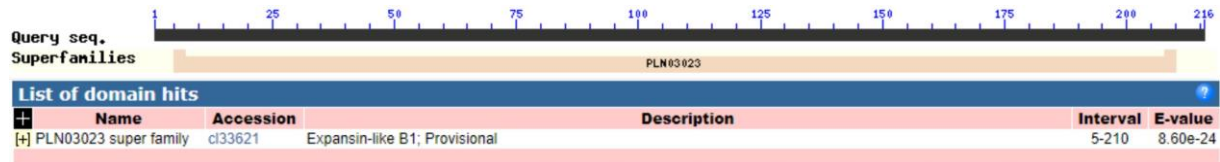
EXTERNAL RESOURCES

<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

>AtEXPB-07

MYTGGACGYGDAVAKHPYRCMVSAGGPSLFKDGKGCACGYRLKCDHPLCTKKPIK
VMISDECPGCTKESVHFDLSGKAFGALAKRGKGDQLRNLGELKVSYKRACCKHPKT
MIAIHVDAGANPYYMFAVKFANGDGNFACIEVQPAGGQYMKMEEMRSAVWRLSP
GVPLKGFNIRLTSAVSGKKIIAKGVIPEKWSPGAIYHSKVNFPVQRKQK

CDS (coding sequence)

>AtEXPB-07

ATGTACACAGGAGGAGCTTGTGGATATGGTGATGCAGTGGCAAACACCCGTAC
AGATGTATGGTTTCAGCCGGAGGACCTTCATTGTTCAAAGACGGAAAGGGTTGTG
GGGCTTGTTACAGGCTTAAATGCGACCATCCGTTGTGCACGAAAAGCCGATCAA
GGTGATGATATCGGATGAGTGTCCCGGCTGCACGAAGGAGTCTGTCCATTTTAT
CTTAGCGGTAAGGCCTTTGGTGCATTGGCCAAACGTGGCAAGGGAGATCAACTAC
GCAACCTTGGAGAACTAAAAGTTAGTTACAAACGTGCATGTTGCAAACACCCGA
AGACTATGATCGCTATCCATGTCGACGCGGAGCAAATCCTTACTACATGTCATT
CGCGGTTAAGTTTGCAAACGGTGTGGGAACTTCGCTGCATTGAGGTCCAACCG
GCCGGAGGACAGTATATGAAAATGGAGGAAATGAGATCCGCTGTTTGGAGACTA
AGCCCTGGTGTTCCTTTGAAAGGTCCGTTCAACATCAGGCTTACCTCCGCCGTGTC
CGGTAAGAAGATCATTGCGAAAGGCGTTATCCCGGAAAAGTGGAGTCCTGGTGC
TATTTACCATTCTAAGGTTAACTTCCCGTTCAAAGGAAGCAGAAATGA

Nucleotide

>AtEXPB-07

GCACGGTTCGTAAAATATGTACACAGGAGGAGCTTGTGGATATGGTGATGCAGTG
GCAAACACCCGTACAGATGTATGGTTTCAGCCGGAGGACCTTCATTGTTCAAAG
ACGGAAAGGGTTGTGGGGCTTGTACAGGGTGGGTATTTATATATAACAATATCA
GTTTATTGAATATGATATTTGTAATGTAGAACTATATACTAACCATTGTTTATATGT

TATAGCTTAAATGCGACCATCCGTTGTGCACGAAAAAGCCGATCAAGGTGATGAT
ATCGGATGAGTGTCCCGGCTGCACGAAGGAGTCTGTCCATTTTGATCTTAGCGGT
AAGGCCTTTGGTGCATTGGCCAAACGTGGCAAGGGAGATCAACTACGCAACCTTG
GAGAACTAAAAGTTAGTTACAAACGGTACGTATAGTCAAAAACCAATTTGGTTCC
GTTAGGTCGGGTTTTTTGGATAGAAAATATTCACAAATATAAATAGTCATTTTAA
ACTAATGTTATATTAATTTACTAGAGTTAATTTGAAATATAAAATTTTAGTGACTT
ATTTTGTTC AACCAATAAATTCTAATAAACTTACATTGATGTTGGATTGTAAAACC
ATATACTAAATTCTAATCAATATCATACGTATATTTAGTGCATGTTGCAAACACCC
GAAGACTATGATCGCTATCCATGTCGACGCCGGAGCAAATCCTTACTACATGTCA
TTCGCGGTTAAGTTTGCAAACGGTATGGGAACTTCGCCTGCATTGAGGTCCAAC
CGGCCGGAGGACAGTATATGAAAATGGAGGAAATGAGATCCGCTGTTTGGAGAC
TAAGCCCTGGTGTTCCTTTGAAAGGTCCGTTCAACATCAGGCTTACCTCCGCCGTG
TCCGGTAAGAAGATCATTGCGAAAGGCGTTATCCCGGAAAAGTGGAGTCCTGGT
GCTATTTACCATTCTAAGGTAACTTCCCCGTTCAAAGGAAGCAGAAATGATTTA
ATTTTCTTCCCCTCATAAACGAATTGTAACGTTTTTAAAGAAAGAGGGGTAAAC
TTGTAACGGATAGTAAACTAATTTGAATTTTTTTTCTTATCTACTCTTGTTCAT
ATGGGCCTAGAGTTGTTGTCGCTCGGCTTAAAAAGCCCATGATTAATAAATGGA
ATTCGG