

IDENTIFICATION

Species: *Arabidopsis thaliana*

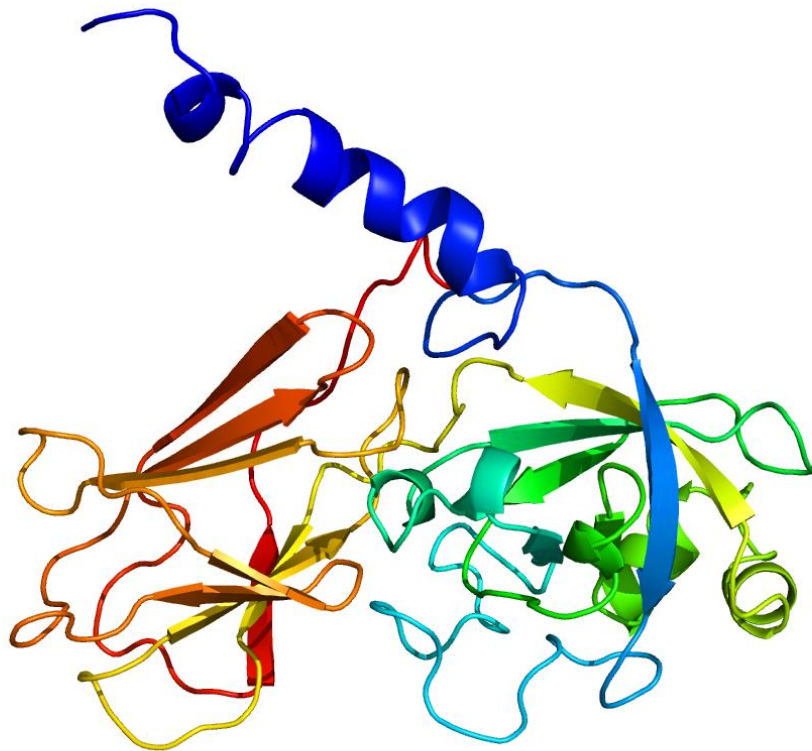
Locus: AT3G60570

Gene Model: AT3G60570.1

Description: AtEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

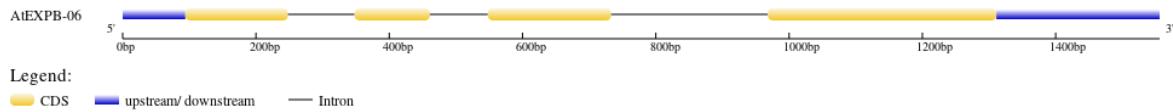
TAIR: <https://www.arabidopsis.org/>

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

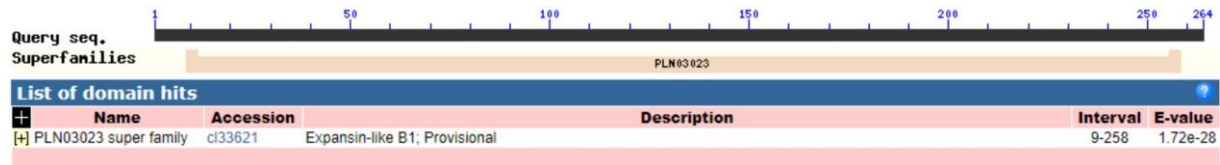
EXTERNAL RESOURCES

<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-06

MASSSLKCFSFIVVLTTFFAISLKPCYCHNKTHWNTAGITWYGDREGPGTTGGACGY
GDAVAKHPYRCMVSAGGPSLFDKDGKGCACRYLKC DHP LCTKKPIKVMISDECPGC
TKESVHFDLSGKAFGALAKRGKGDQLRNLGELKVS YKRACCKHPKTMIAIHVDAGA
NPYYMSFAVKFANGDGNFACIEVQ PAGGQYMKMEEMRS AVWRLSPGVPLKGPFNIR
LTS AVSGKKIIAKGVIPEK WSPGAIYHSKVNFPVQRKQK

CDS (coding sequence)

>AtEXPB-06

ATGGCTTCCTCATCTCTCAAATGTTTTCTTTATCGTTGTTCTTACAAC TTTCTTT
GCAATCTCATTGAAGCCATGTTATTGCCACAATAAAACCCACTGGAACACCGCCG
GCATCACGTGGTATGGCGACCGAGAAGGTCCTGGCACCACAGGAGGAGCTTGTG
GATATGGTGATGCAGTGGCAAACACCCGTACAGATGTATGGTTTCAGCCGGAG
GACCTTCATTGTTCAAAGACGGAAAGGGTTGTGGGGCTTGTTACAGGCTTAAATG
CGACCATCCGTTGTGCACGAAAAAGCCGATCAAGGTGATGATATCGGATGAGTGT
CCCGGCTGCACGAAGGAGTCTGTCCATTTTGATCTTAGCGGTAAGGCCTTTGGTG
CATTGGCAAACGTGGCAAGGGAGATCAACTACGCAACCTTGGAGAACTAAAAG
TTAGTTACAAACGTGCATGTTGCAAACACCCGAAGACTATGATCGCTATCCATGT
CGACGCCGGAGCAAATCCTTACTACATGTCATTCGCGGTTAAGTTTGCAAACGGT
GATGGGAACTTCGCTGCATTGAGGTCCAACCGGCCGGAGGACAGTATATGAAA
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GTCCGTTCAACATCAGGCTTACCTCCGCCGTGTCCGGTAAGAAGATCATTGCGAA
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Nucleotide

>AtEXPB-06

CAACCAGAACTAATTAAAACCTTGAAAGCTAAAAACAAAATATATATATAAG
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CCTCATAAACGAATTGTAACGTTTTAAAGAAAGAGGGGTAACTTGTAACGGAT
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GTTGTTGTCGCTCGGCTTAAAAAAGCCCATGATTAATAAATGGAATTCGGTTTGG
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GAGAGGCG