

## IDENTIFICATION

**Species:** *Arabidopsis thaliana*

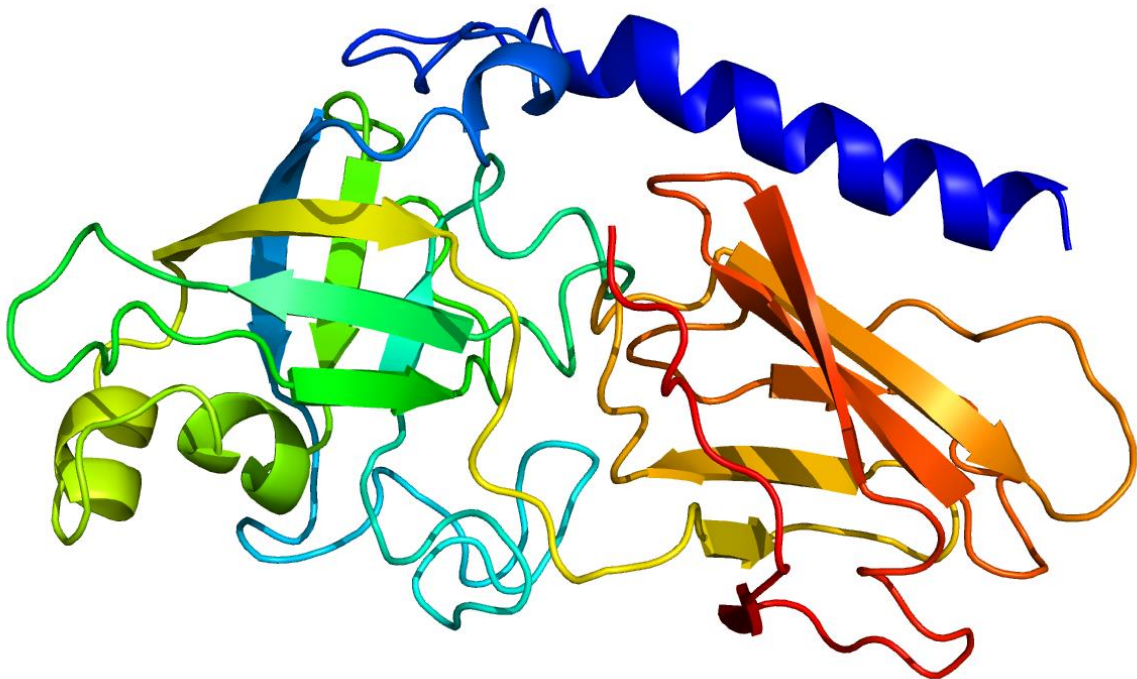
**Locus:** AT2G20750

**Gene Model:** AT2G20750.1

**Description:** AtEXPB-03

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

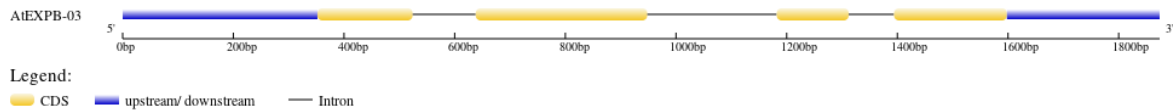
TAIR: <https://www.arabidopsis.org/>

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

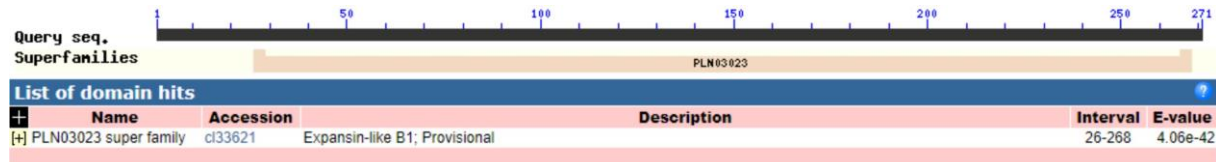
## EXTERNAL RESOURCES

<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-03

MQLFPVILPTLCVFLHLLISGSGSTPPLTHSNQQVAATRWLPATATWYGSAEGDGSSG  
GACGYGSLVDVKPFKARVGA VSPILFKGGEGCGACYKVRCLDKTICSKRAVTIIATD  
QSPSGPSAKAKHTHFDLSGAAFHMAIPGHNGVIRNRGLLNILYRRTACKYRGKNIA  
FHVNAGSTDYWLSLLIEYEDGEGDIGSMHIRQAGSKEWISMKHIWGANWCIVEGPLK  
GPFVSVKLTTLNNTLSATDVIPSNWVPKATYTSRLNFSPVL

### CDS (coding sequence)

>AtEXPB-03

ATGCAGCTCTTTCCGGTCATCCTACCGACACTATGCGTCTTCCTCCACCTTCTAAT  
AAGTGGCTCTGGCTCTACTCCACCGTTGACTCACTCCAATCAACAAGTGGCAGCC  
ACTCGTTGGCTTCCC GCCACCGCAACCTGGTACGGAAGTGCCGAGGGAGACGGC  
AGCAGCGGAGGAGCTTGTGGTTACGGATCGTTGGTGGACGTGAAGCCGTTTAAAG  
GCTAGAGTCGGAGCGGTGAGTCCGATTCTGTTCAAAGGTGGTGAAGGCTGCGGTG  
CATGCTACAAGGTCAGGTGTCTCGACAAGACCATTTGCTCTAAGAGAGCAGTCAC  
CATTATTGCCACCGACCAGTCACCGTCAGGACCATCTGCTAAAGCAAACACACT  
CATTTGCACCTCAGTGGCGCCGCCTTTGGACATATGGCTATTCCC GCCATAACG  
GTGTCATCCGCAACCGTGGCCTATTAACATCCTCTACCGCCGAACGGCATGCAA  
ATACAGAGGGAAGAACATAGCGTTTCATGTGAACGCAGGATCAACTGATTATTG  
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ATTCGTCAAGCGGGATCTAAGGAGTGGATATCGATGAAGCACATATGGGGAGCG  
AACTGGTGCATCGTCGAAGGACCACTCAAGGGACCATTCTCCGTGAAGCTCACAA  
CTTTGTCCAACAATAAGACACTCTCCGCCACCGACGTCATCCCCAGTAACTGGGT  
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## Nucleotide

>AtEXPB-03

CAACAACATTGGCTTTAAAAATAAAAACGATGGAATCTTATAATTGCATAAACAC  
ACACACACACACACCCTTTACCCTACGGGATCGTGCTAAATCAAGGCCCTAACT  
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GGCTTAATTATGAATGAAACCGCAGGAGGAGCTTGTGGTTACGGATCGTTGGTGG  
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