

IDENTIFICATION

Species: *Arabidopsis thaliana*

Locus: AT4G28250

Gene Model: AT4G28250.3

Description: AtEXPB-09

Family: Beta Expansin

3D structure:



GENOME DATABASES

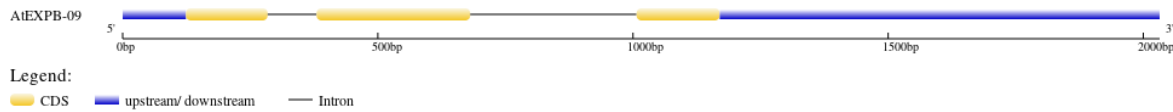
TAIR: <https://www.arabidopsis.org/>

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

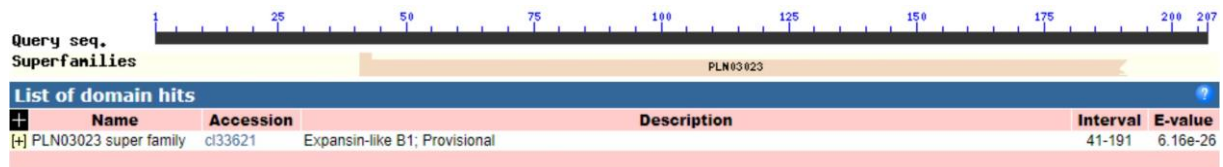
EXTERNAL RESOURCES

<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-09

MQLFPVMLATLCIVLQLLIGSSALATTNRHVSNSHWLPAVATWYGSPNGDGSDDGA
CGYGTLDVVKPLHARVGA VNPILFKNGEGCGACYKVRCLDKSICSRRAVTVIITDECP
GCKSTSTHFDLSGAVFGRLAIGESGPLNRGLIPVIYRRGKNIAFHVNEGSTDFWLSL
LVEFEDGEGDIGSMHIRQVTLFLSLITKLVHALL

CDS (coding sequence)

>AtEXPB-09

ATGCAGCTTTTTCCAGTCATGTTAGCCACACTCTGCATTGTCCTGCAGCTTCTCAT
TGGCTCGTCAGCTTTGGCTACGACAAATCGCCACGTGTCAAACCTCTCATTGGCTTC
CCGCAGTAGCTACATGGTACGGAAGCCCCAACGGTGACGGCAGCGACGGAGGAG
CGTGTGGTTACGGTACGTTGGTGGATGTGAAGCCGTTACATGCGAGGGTTGGAGC
GGTGAATCCAATTCTCTTCAAAAATGGTGAAGGTTGCGGAGCTTGTTACAAGGTT
CGATGCTTGGACAAGAGCATTGTTCCCGGAGAGCCGTTACCGTCATAATTACCG
ATGAGTGTCCCGGCTGCTCTAAAACCAGCACTCACTTTGACCTCAGTGGTGCCGT
CTTTGGCCGGTTAGCTATTGCCGGAGAGTCAGGGCCTCTCCGTAACCGTGGACTA
ATCCCAGTCATTTATCGCCGAGGGAAGAACATAGCATTCCATGTGAACGAAGGAT
CAACTGATTTTTGGCTATCTCTGCTGGTCGAGTTTGAAGATGGAGAAGGAGACAT
TGGCTCCATGCACATTCGCCAAGTAACTCTCTTTTTATCTTTAATAACCAAACCTCG
TGCACGCACTTCTTTAA

Nucleotide

>AtEXPB-09

AACAACAACAACATTGACATATCAATTCACACATAAACTCACTCTCACTCTCTCA
CTGTCCGCAAACCTAACTTATTCACCTTTCCGGCACTGATTCTGCTCGGGAAAAAC
AACTCCGGCACAAAATGCAGCTTTTTCCAGTCATGTTAGCCACACTCTGCATTGTC

CTGCAGCTTCTCATTGGCTCGTCAGCTTTGGCTACGACAAATCGCCACGTGTCAA
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CAGCGACGGTAATTATAAGTCTATAACACATAATTAACCACACTTCACAGTCTAG
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