

IDENTIFICATION

Species: *Arabidopsis thaliana*

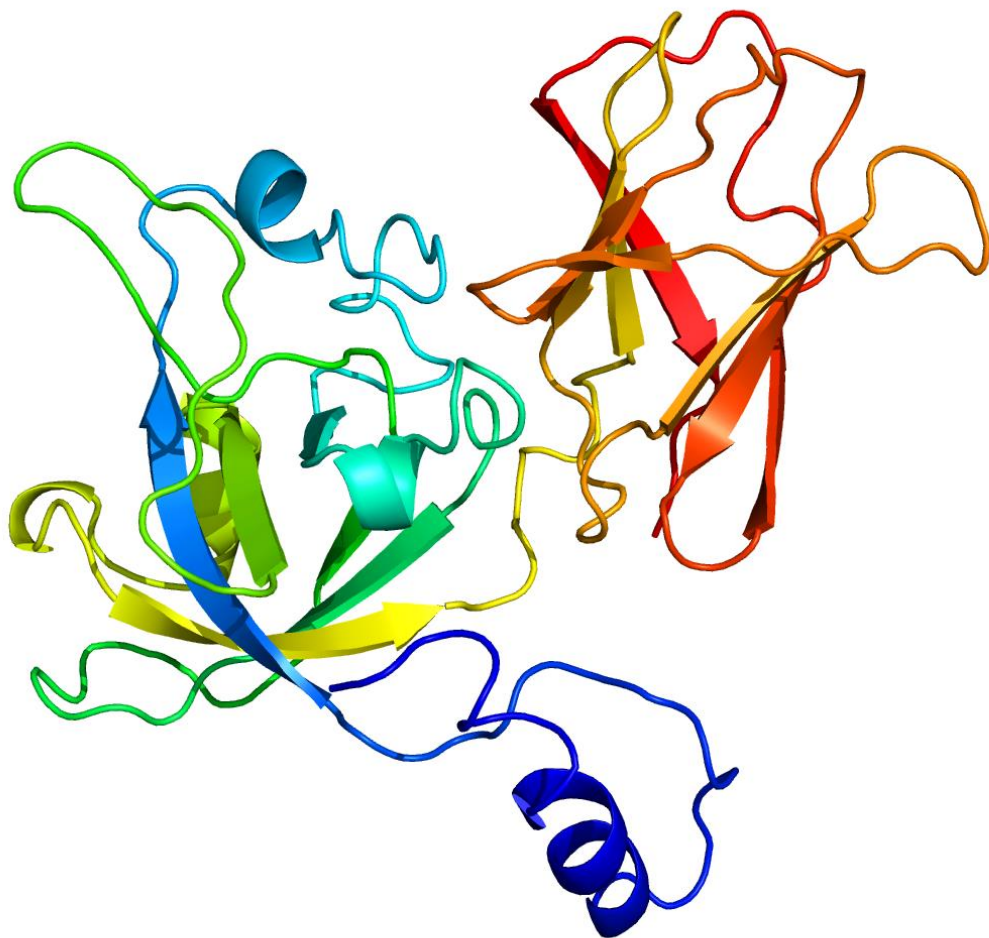
Locus: AT2G03090

Gene Model: AT2G03090.1

Description: AtEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

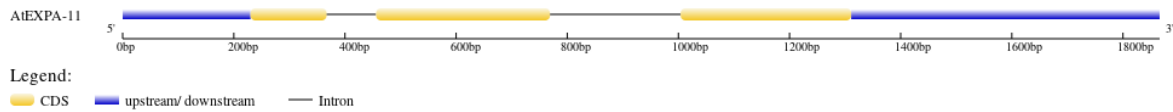
TAIR: <https://www.arabidopsis.org/>

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

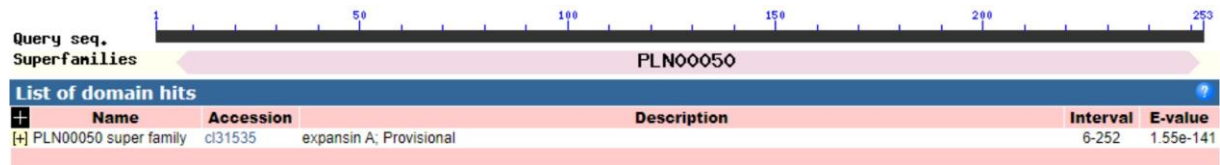
EXTERNAL RESOURCES

<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-11

MFMGKMGLLGLFCFAAMVCSVHGYDAGWVNAHATFYGGSDASGTMGGACGYG
NLYSQGYGTNTAALSTALFNGLSCGACFEIKCQSDGAWCLPGAIIVTATNFCPPNNA
LPNNAGGWCNPLHHDLSQPVFQRIAQYKAGVVPVSYRRVPCMRGGIRFTINGHS
YFNLVLVTNVGGAGDVHSAVKGSRTRWQQMSRNWQNWQSNLLNGQALSFKV
TASDGRTVVSNNIAPASWSFGQTFTGRQFR

CDS (coding sequence)

>AtEXPA-11

ATGTTTCATGGGTAAGATGGGTCTTTTGGGAATTGCTCTGTTTTGTTTTGCTGCAAT
GGTGTGCTCTGTTTCATGGCTATGACGCTGGATGGGTCAATGCTCATGCTACCTTCT
ATGGTGGAAAGTGATGCTTCAGGAACAATGGGTGGAGCTTGTGGCTACGGGAACC
TCTACAGTCAAGGTTACGGGACCAACACGGCGGCGTTGAGCACTGCTCTGTTCAA
CAACGGTCTTAGCTGCGGGGCTTGTTTTGAGATCAAGTGTCAGAGCGACGGCGCG
TGGTGTTCACCTGGTGCTATCATTGTCACAGCCACCAATTTCTGTCCTCCTAACAA
CGCTCTTCCCAATAACGCTGGTGGTTGGTGTAACCTCCGCTTCATCATTTCGATC
TCTCTCAGCCTGTTTTTCAACGCATTGCTCAGTACAAAGCTGGTGTGTCCCTGTT
TCCTACAGAAGGGTTCCTGTATGAGAAGAGGAGGTATAAGATTCACAATCAAC
GGTCACTCTTACTTCAACCTTGTCTTGGTGACCAATGTTGGTGGTGCTGGAGATGT
TCATTCGGTTGCGGTTAAAGGTTCTAGAACAAGGTGGCAACAAATGTCAAGAAAC
TGGGGACAGAACTGGCAAAGCAACAATCTCTTAAACGGTCAAGCATTGTCATTTA
AGGTGACTGCTAGTGATGGTCGTACCGTCGTCTCTAACAAACATTGCTCCAGCTAG
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Nucleotide

>AtEXPA-11

AAATTCCACTTCAACCATCAACCTTCTTCACTCCCATCAAAGCAAACACTATCTTTC
TCCTTCTCATTCCTTTTTCTCTCACTCTCCTCCATTAAGCTCTGCACTTTCTCAA
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TGCTCAGTACAAAGCTGGTGTGTCCCTGTTTCCTACAGAAGGTAACATAAAT
CTATAGTCTTTACTGTTACAAAGTCTTGATCTTTTATGCAGTTTCTTGATTAGGTGT
CAAATTTCTTGTTATGGGTCTTCATAATTGCTCTGTTTGTTGATAAAAGTTTCAAT
CTTTATTCACCTTCGTATCTGGGTCATCGTAACTTGTTAATGGTTTTCGTTATTTAAA
TGACTCTGTTATTTAACTGATGGTTTTTTTTTTTTTTTTTGCTTCATGTGTAGGGTTC
CGTGTATGAGAAGAGGAGGTATAAGATTACAATCAACGGTCACTCTTACTTCAA
CCTTGTCTTGGTGACCAATGTTGGTGGTGGTGGAGATGTTTCATTCGGTTGCGGTTA
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