IDENTIFICATION

Species: *Arabidopsis thaliana*

Locus: AT5G56320

Gene Model: AT5G56320.1

Description: AtEXPA-32

Family: Alpha Expansin

3D structure:

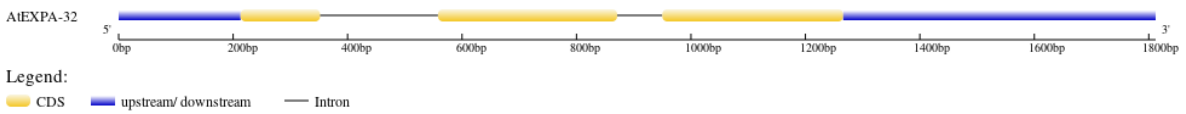
GENOME DATABASES

TAIR: https://www.arabidopsis.org/
KEGG: https://www.genome.jp/entry/T00041

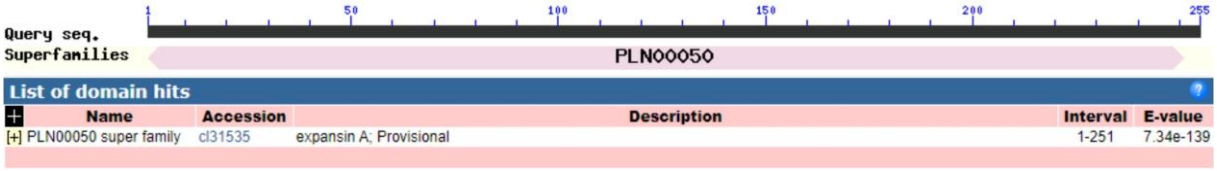
EXTERNAL RESOURCES

https://www.gabipd.org/database/cgibin/GreenCards.pl.cgi?Mode=Show&QueryKey=197c0ef939ecd1d29302d8a4a92c1bc3&x.Overview=1&Start=1

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AtEXPA-32

MEFFGKMIISLSLMMMIMWKSVDGYSSGWVNARATFYGGADASGTMGGACGYGN
LYSQGYGTNTAALSTALFNGGQSCGACFQIKCVDDPKWCIGGTITVTGTNFCPPNFA
QANNAGGWCNPPQHHFDLAQPIFLRIAQYKAGVVPVQYRRVACRRKGGIRFTINGHS
YFNLVLITNVAGAGDVISVSIKGTNTRWQSMSRNWGQNWQSNAKLDGQALSFKVTT
SDGRTVISNNATPRNWSFGQTYTGKQFRAQR

CDS (coding sequence)

>AtEXPA-32

ATGGAGTTTTTTGGTAAAATGATAATTTCATTGAGTCTTATGATGATGATAATGTG
GAAGAGCGTGGATGGTTACAGTAGTGGTTGGGTCAATGCTCGAGCCACATTCTAT
GGAGGAGCTGATGCTTCTGGCACCATGGGCGGCGCGTGTGGTTACGGAAACTTAT
ACAGTCAAGGATACGGCACTAACACGGCGGCTCTAAGCACGGCTCTATTCAACG
GCGGCCAAAGCTGTGGTGCTTGTTTTCAGATAAAATGCGTAGACGACCCAAAATG
GTGTATCGGTGGAACAATCACCGTCACCGGAACAAACTTTTGTCCACCCAACTTT
GCTCAAGCCAACAACGCCGGAGGTTGGTGTAATCCTCCTCAACACCACTTCGATT
TAGCTCAGCCCATCTTCCTCCGTATTGCTCAATACAAAGCCGGCGTCGTCCCTGTC
CAATACCGGAGAGTGGCTTGCCGGAGAAAAGGAGGAATAAGATTCACGATCAAC
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TTATCTCCGTCTCCATTAAAGGAACCAATACACGTTGGCAAAGCATGTCAAGAAA
CTGGGGACAGAATTGGCAAAGCAATGCAAAACTTGATGGTCAAGCTTTGTCCTTT
AAAGTAACAACTAGTGATGGCCGTACAGTTATATCTAACAATGCTACACCACGTA
ACTGGAGCTTCGGACAGACTTATACCGGAAAACAGTTCCGGGCTCAGAGGTGA

Nucleotide

>AtEXPA-32

ACAACAACATTGAAACCCATTTCTTCGCCTTTAACCTTACTTGAATTTTTGTGTGG
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