

IDENTIFICATION

Species: *Sesamum indicum*

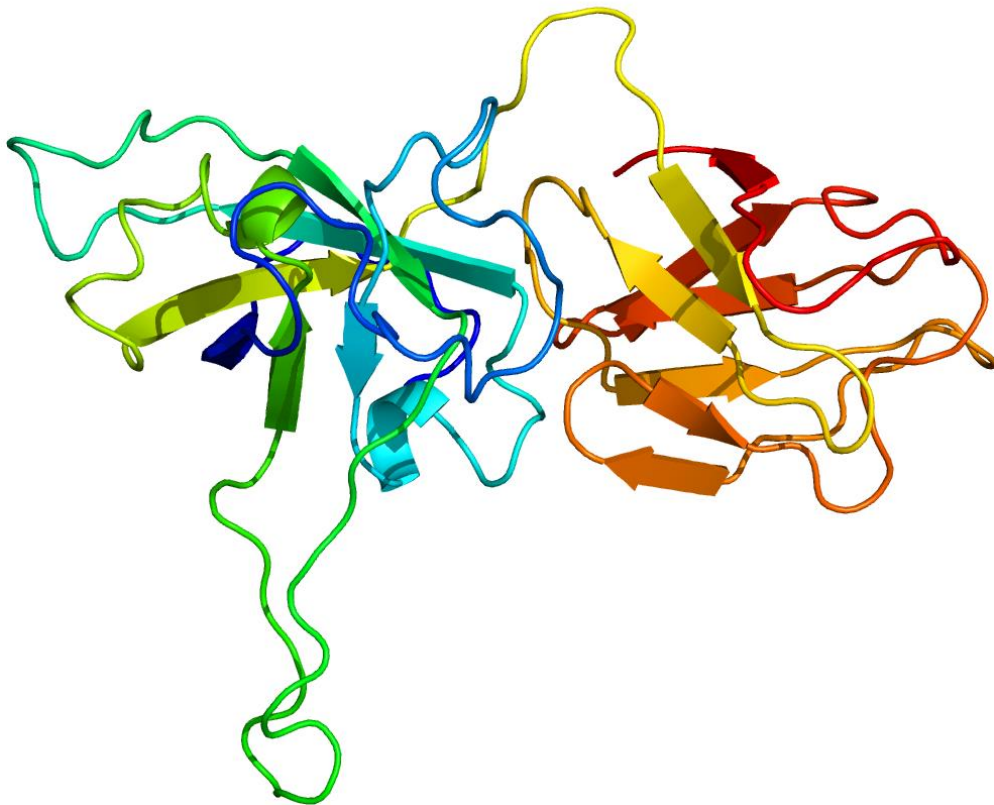
Locus: XP_011095130

Gene Model: XP_011095130.1

Description: SinEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

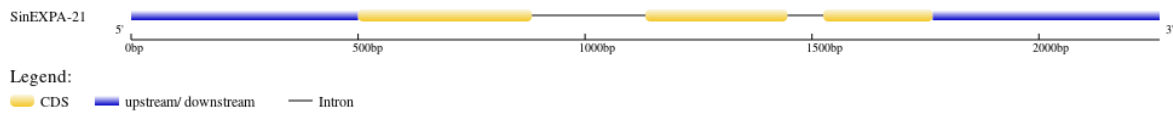
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Sesamum+indicum%5Borgn%5D>

KEGG: <https://www.genome.jp/entry/gn:T04135>

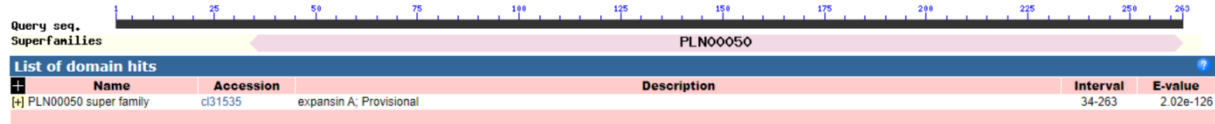
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SinEXPA-21

MPILQYIPISITLFFFLFSFHQIHGYGGGGRVLSHGSGWQTAHATFYGGSDAAGTM
GGACGYGNLYSQGYGTTAALSTALFNGLSCGACYEMRCNDDPKWCLSATITVTA
TNFCPPNYALASDNGGWCNPPRQHFDLAEP AFLKIAQYRAGIVPVVYRRVPCVKKG
GMRFTINGHSYFNLVLITNVGGAGDVHDAWIKGSRTGWRPMARNWQNWQSN SYL
DGQALSFRVTASDGRTL ANDVVPRGWHFGQTFEGPQF

CDS (coding sequence)

>SinEXPA-21

CACATCTATACATACATATATGTAGAGAGAGTACGTACCTGGTACCTCCCATTGC
ATTACACTAAAATGCCCATCATACTCCAATATATCCCAATATCTACTACTCTTTTC
TTCTTCTTCTTCTTCTCCTTTCACCGATTTCATGGATACGGTGGTGGTGGGCGAGT
ACTCTCACATGGATCAGGCTGGCAA ACTGCCCATGCTACATTTTATGGAGGCTCC
GATGCTGCTGGCACAATGGGAGGTGCGTGTGGATACGGAAATTTGTACAGCCAG
GGCTATGGTACAACCACTGCTGCCCTAAGTACTGCACTGTTCAACAATGGGTTGA
GCTGTGGGGCCTGCTATGAAATGAGGTGCAATGATGACCCTAAGTGGTGTCTTTC
CGCCACCATAACTGTCACCGCCACCAACTTCTGCCCTCCAACTACGCCCTCGCC
AGTGACAATGGCGGCTGGTGTAAATCCCCCTCGGCAGCACTTTGATTTGGCGGAGC
CTGCCTTTCTTAAAATCGCGCAGTATCGTGCTGGCATCGTTCCTGTCGTCTATAGA
AGAGTTCCATGCGTGAAGAAAGGAGGAATGAGGTTACGATCAACGGCCATTCC
TACTTCAACTTGGTGTGATAACAAATGTTGGAGGGGCAGGTGACGTGCATGATG
CGTGGATTAAGGGCTCCCGCACCGGATGGCGGCCCATGGCCAGGAACTGGGGTC
AAAATTGGCAAAGCAATTCTTATCTCGACGGTCAAGCTCTCTCATTCCGGGTAC
GGCCAGCGATGGCCGCACCCTAACCGCCAACGACGTCGTCCCCCGGGGATGGCA
CTTCGGACAAACCTTTGAGGGCCACAATTCTAATTGCAAATAACCAAGCAAGC
AAGCGCATATGTATGTAGTATTGTCTTCGACCTATTGCAATGAATATACATATATA
TA

Nucleotide

>SinEXPA-21

ACATATAATTATTCTAAATTA AAAAAATAACATATAATTATTTATTCCTTATAAAT
GAAAAATTTAAAGTAAATCATAACATGA ACTATATGTATATACATGCTGTATTTTC

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GCTGTCGTCTTCTCCTTCACCTCTCTCCTGTCCCCCAAATTAATGCCGCTTTTTCT
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