

## IDENTIFICATION

**Species:** *Sesamum indicum*

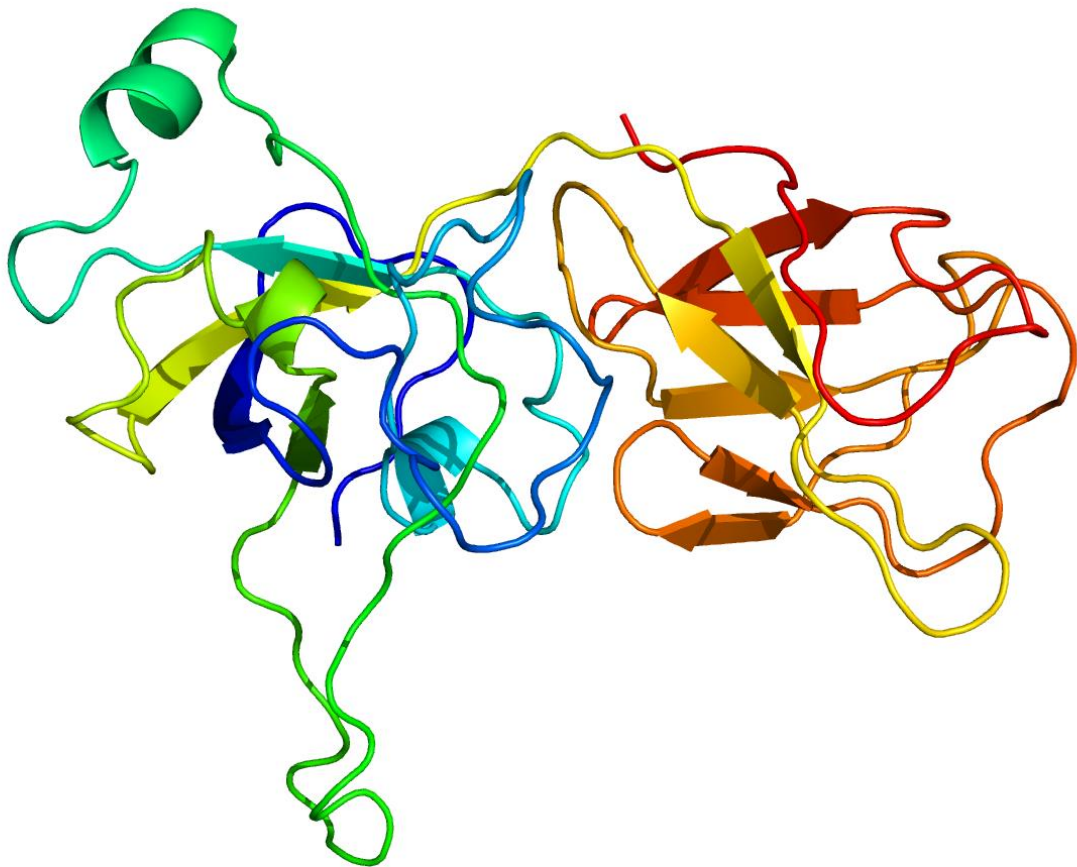
**Locus:** XP\_011087744

**Gene Model:** XP\_011087744.1

**Description:** SinEXPA-16

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

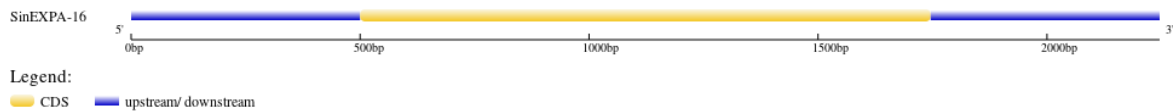
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Sesamum+indicum%5Borgn%5D>

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

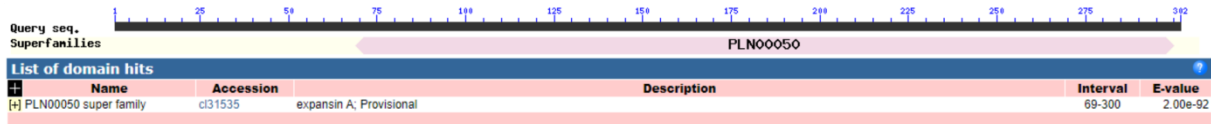
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SinEXPA-16

MKSQELIKQLHHIKKRTPLFTPSSPSFHTPPLFTMPTGRRRLLMFLSLSLSALLVRSHYF  
PSTPSAAQSDWKSARATYYAAADPIDAVGGACGYGDLEKNGYGKATAALSTVLFEK  
GQICGACFEIRCVEDLRWCIPGTSIIVTTSITVTATNFCAPNYGFEADGGGRCNPPNSHF  
VLPIESFEKIAIWKASNMPVQYRRIRCRKEGGVRFITGGAGIFLSVLISNVAGAGDVAA  
VKIKGSRTGWLPMGRNWGQNWHINADLKNQPLSFEITSSDGVTLTSYNVAPKNWEF  
GQTFEGKQFES

### CDS (coding sequence)

>SinEXPA-16

GTATGAAATAATGAAAAGCCAAGAAGCAACTCATAAAGCAACTCCACCATATCAAAA  
AAGAACTCCACTCTTCACTCCCTCTTCCCCCTCCTTTCACACTCCACCACTCTTAC  
AATGCCAACAGGGGCGCCGCCCTCCTTATGTTCCCTTCTCTCTCACTCTCGGGCG  
TCCTCGTCCGCTCCCACTACTTCCCCTCTACTCCCTCTGCTGCTCAGTCCGACTGG  
AAGTCCGCCCGCGCTACCTACTATGCTGCCGCCGACCCCATCGACGCTGTTGGCG  
GCGCTTGCGGCTACGGAGACTTGAAAAGAACGGATACGGCAAGGCCACCGCTG  
CTCTCAGCACCGTCCCTTTCGAGAAGGGCCAGATCTGCGGCGCCTGTTTTGAAAT  
CCGCTGCGTGAGGACCTCCGATGGTGCATCCCCGGCACTTCCATCATCGTCACC  
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CCGACGGCGGCGGCCGGTGCAACCCCCGAAGTTCGATTTTCGTGCTCCCATAGA  
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CTGCAAATGTTTAAATTTGAGTTGGCGTCATGTATTGTATTTTTGTCTTTATACAC  
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**Nucleotide**

>SinEXPA-16

TTTAACCAATTTCAATATAAGAAAATTTTAATTTGATTAGGTTGGATTTTAGCAAA  
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