

## IDENTIFICATION

**Species:** *Elaeis guineensis*

**Locus:** XP\_010937609

**Gene Model:** XP\_010937609.1

**Description:** EgEXPA-20

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

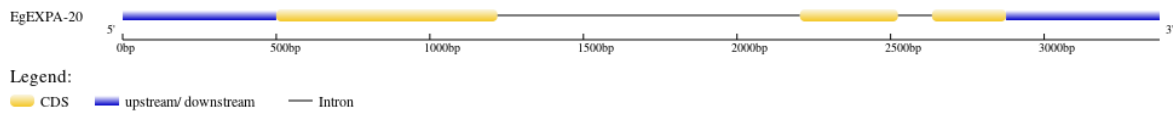
NCBI: [https://www.ncbi.nlm.nih.gov/genome/?term=txid51953\[orgn\]](https://www.ncbi.nlm.nih.gov/genome/?term=txid51953[orgn])

KEGG: <https://www.genome.jp/entry/T03921>

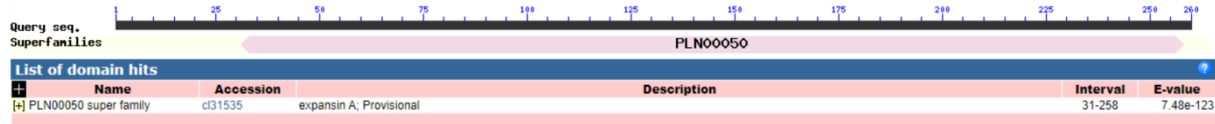
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>EgEXPA-20

MAFFHNAATLVMTHLAFATLGDARIPGVYTGESWQKAHATFYGGSDASGTMGGAC  
 GYGNLYSQGYGVETAALSTALFNDGLSCGACFEIKCADDPQWCHHGGPSIFITATNF  
 CPPNYALPSDNGGWCNPPRPHFDLAMPFLKIAQYRAGIVPVSYRRVPCRKSGGIRF  
 TINGFKYFNLVLITNVAGAGDIVRVSVKGSHTGWMPMSRNWQNWQSNVAVLVGQS  
 LSFRTASDHRRSTSWNIVPANWQFGQTFAGKNFRV

### CDS (coding sequence)

>EgEXPA-20

AGTAGCCACCTTCCTCCTGCCTTCAATCCCCAACCTCTCCTCTCTCTCCACGCCC  
 ACTCACGCTACTCTCTCCTCACTCTCCAAATGGCCTTTTTCCACAATGCCGCAA  
 CCCTCGTCATGACTCTGCTCGCATTTCGCGACGCTCGGGCAGCCCCGGATCCCCGG  
 CGTCTACACCGGAGAATCCTGGCAGAAGGCCACGCCACTTTCTACGGCGGCAGC  
 GACGCCTCCGGCACCATGGGAGGAGCGTGTGGGTATGGGAATCTATACAGCCAG  
 GGGTACGGCGTGGAGACGGCGGCGCTGAGCACGGCGCTCTTCAACGACGGGCTG  
 AGCTGCGGGGCTGCTTCGAGATCAAGTGCGCCGACGACCCCCAGTGGTGCCACC  
 ACGGCGGCCCTCCATCTTCATCACCGCCACCAACTTCTGCCCCGCCAACTACGCT  
 CTCCCCTCCGACAATGGCGGCTGGTGCAACCCTCCCCGGCCCCACTTCGACCTCG  
 CCATGCCCATGTTCCCTCAAGATCGCCCAGTACCGCGCCGGCATCGTCCCCGTCTCT  
 TACCGCAGGGTGCCGTGCCGGAAGTCCGGAGGGATCCGGTTCACCATCAACGGG  
 TTCAAGTACTTCAACCTGGTGCTGATCACGAACGTGGCCGGCGCCGGCGACATCG  
 TCCGTGTGAGCGTGAAAGGGTCCCACACCGGGTGGATGCCCATGTCCCGGAACTG  
 GGGCCAGAAGTGGCAGTCCAACGCCGTGCTGGTGGGCCAGTCCCTTTCCTTCCGC  
 GTCACCGCCAGCGACCACCGCAGGTCCACCTCCTGGAACATCGTCCCTGCCAACT  
 GGCAGTTCGGCCAGACCTTCGCCGGCAAAAATTTCCGGGTCTAATCTACCTACGA  
 CGGATTTATGGGTGATGCAGGCATGGTGGTGGGATTTCAAATTTTCCGCCATTGT  
 GGTGTGTCTTTCCTTCTTCTTTAATTTTGTGTAGTTGCCAATTTTCAGGCGGTTT  
 GCTGGTAGTGCTGTCCGGGTAGTGGGGGATCGAGGCAAGGATTTGGTCCGGTAGTC  
 GTGAAAGCGAAAGTGGAGGGGAAAAAATGTGGGTGGGAGTTTAATATTTTGGTTG  
 ACCGTTAGATTGTAATGTTATCGGAGGTAGTTGGATTAGTACGAGTGTATCGCGT  
 GGTAGCGGCTGAAGTGGCTGCAGACCGAAAAGAGAGTGTCCGGTAGCCCCGACGCT

GCATGTATGAAATATCTAATGATAATATGATGGTAATATATATTATGTTGATTGG  
CACGTAGGTTGATA

**Nucleotide**

>EgEXPA-20

TTCTTCGTTGCTGACCATTCTGATGATTGGAGCTGGTGCCTTGATGTTGTTTGCCT  
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AAAAATATAACTCGAGTAGTCTATTAGGCCTTGGTCTGACATTTGAGAGGTCAC  
TTGCGTGGTTATGCAACACGAGGAGTCTGCCTTGGCGGAGGGCTGCAATCTCCTC  
TGATGCAAATTAACCCAGTCCGCGCCCACCGAGCATTAAACATTCTGATTGCTGT  
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GAAAGCAGGAAAGTAAGCAAATCCAGCATTTGCACTCTGAGATTACTTAGCCCAT  
TACGTATCAACCTACGTGCCAATCAACATAATATATATTACCATCATATTATCATT  
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ACTTCAGCCGCTACCACGCGATACACTCGTACTAATCCAACACTACCTCCGATAACA  
TTACAATCTAACGGTCAACCAAAATATTAAACTCCCACCCACATTTTTTCCCTCCA  
CTTTCGCTTTCACGACTACCGACCAAATCCTTGCCTCGATCCCCACTACCCGGAC  
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