

IDENTIFICATION

Species: *Asparagus officinalis*

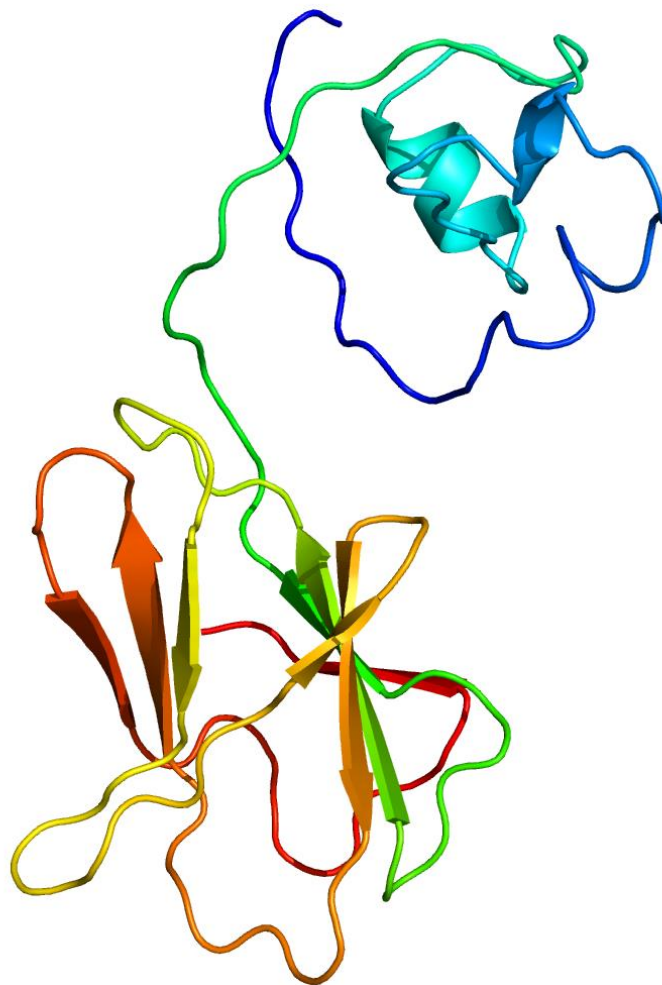
Locus: evm.model.AsparagusV1_07.547

Gene Model: evm.model.AsparagusV1_07.547

Description: AofEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Aofficinalis_V1_1

KEGG: <https://www.genome.jp/entry/T05243>

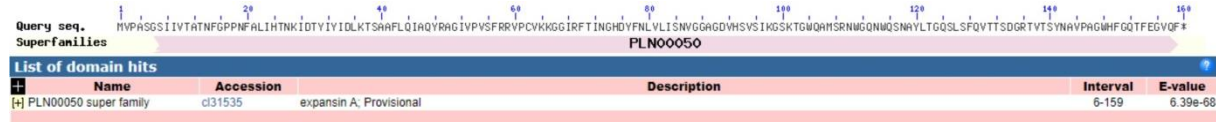
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AofEXPA-07

MVPASGSIIVTATNFGPPNFALIHTNKIDTYIYIDLKTSAAFLQIAQYRAGIVPVSFRRVPCVKKGGIRFTINGHDYFNLVLISNVGGAGDVHSVSIKGSKTGWQAMSRNWGQNWQSNAYLTGQSLSFQVTTSDGRTVTSYNAVPAWGHFGQTFEGVQF*

CDS (coding sequence)

>AofEXPA-07

ATGGTGCCTGCCTCGGGCTCCATCATCGTCACAGCCACCAACTTTGGCCCTCCCA
ACTTCGCCCTCATCCACACAAACAAGATAGATACCTATATATATATAGACTTAAA
GACGAGCGCTGCCTTCCTTCAGATTGCTCAGTACCGTGCCGGAATTGTCCCTGTCT
CATTCCGCAGGGTGCCCTGTGTCAAGAAGGGAGGAATCAGGTTACCCATCAACG
GCCACGACTACTTCAACCTGGTCCTCATCAGCAACGTCGGCGGCGCCGCGACGT
GCACTCGGTCTCGATCAAGGGATCAAAGACAGGCTGGCAAGCGATGTCCCGTAA
CTGGGGCCAGAAGTGGCAGAGCAACGCGTACCTCACCGGCCAGAGCCTCTCGTTC
CAGGTGACCACCAGCGACGGCCGCACCGTCACCAGCTACAATGCCGTGCCCGCA
GGCTGGCATTGTTGTCAGACTTTTGAAGGAGTTCAGTTTTAG

Nucleotide

>AofEXPA-07

ATGGTGCCTGCCTCGGGCTCCATCATCGTCACAGCCACCAACTTTGGCCCTCCCA
ACTTCGCCCTCATCCACACAAACAAGATAGATACCTATATATATATAGACTTAAA
GACGAGCGCTGCCTTCCTTCAGATTGCTCAGTACCGTGCCGGAATTGTCCCTGTCT
CATTCCGCAGGTAATAATTTGCCAATGGTTACTTTCACAACCGCCAAAACCTTTTGG
GGGTTTGAACCTTTCTTTTGGCCCCGCAAAACACCCCACTTTGGGGCAAAGAGCAA
GATTCTATTAGAATATCCCATAGGGTGTAAGGATGGTTCTGATAGATTCCATTGT
CTTGTAAGTAAGTAGTGTGCGCCTCGTGCGATGCACGGACTTTCCTTTTTTTTAT
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ATTTTAGGGTAACGCTACAGTACCGCTTATGCTACAGTAATATTTCTTAGAAAAG
ACTATAATAAATTATTGTATCATTTATTGTAGTATGAATAGTGATTCTTGGGTCT
CCATTATTATCAAGGAATAGATATATAAATTCTATCAGAACACCAATAGAAATA
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AAGGGAAATGACTGAATTGGGGTTCTTTTTGGTTATTATGCACGCAACTAAATTT
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AGAAGGGAGGAATCAGGTTACCATCAACGGCCACGACTACTTCAACCTGGTCCT
CATCAGCAACGTCGGCGGCGCCGGCGACGTGCACTCGGTCTCGATCAAGGGATC
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CGCGTACCTCACCGGCCAGAGCCTCTCGTTCCAGGTGACCACCAGCGACGGCCGC
ACCGTCACCAGCTACAATGCCGTGCCCGCAGGCTGGCATTGTTGGTCAGACTTTTG
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