

IDENTIFICATION

Species: *Asparagus officinalis*

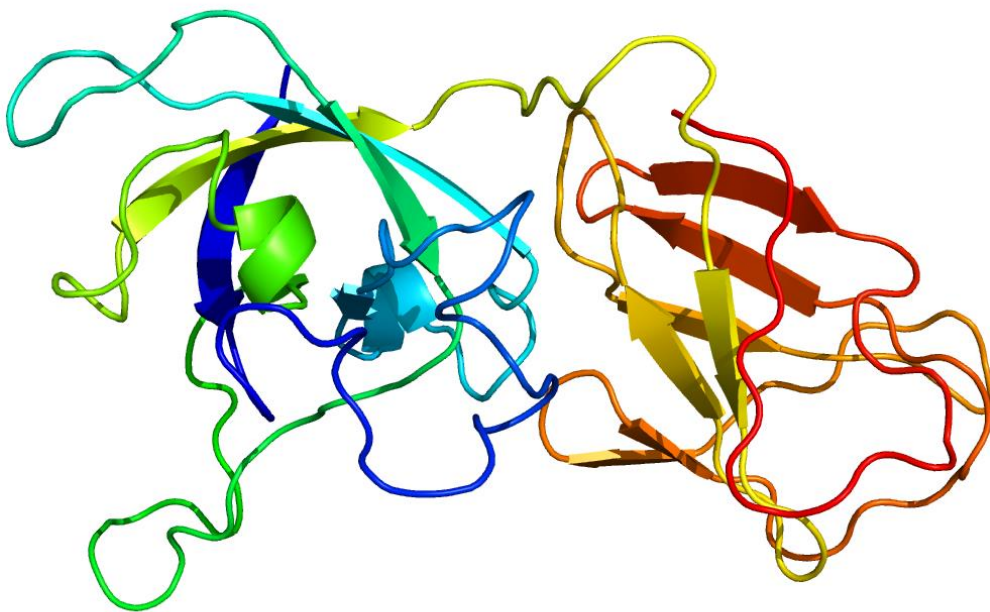
Locus: evm.model.AsparagusV1_07.803

Gene Model: evm.model.AsparagusV1_07.803

Description: AofEXPA-08

Family: Alpha Expansin

3D structure:



GENOME DATABASES

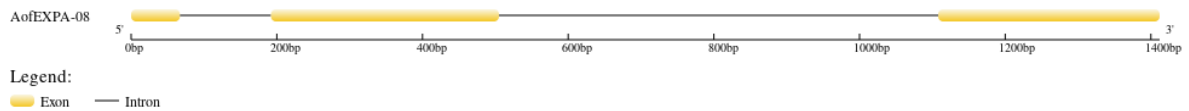
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aofficinalis_V1_1

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

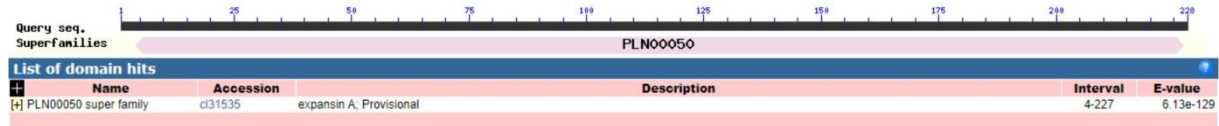
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AofEXPA-08

MVLAWSSAHATFYGGGDASGTMGGACGYGNLYSQGYGTNTAALSTALFNGLSCG
SCYEIKCDKDPKWCLPGSIVVTGTNFCPPNNALPNNNGGWCNPPQQHFDLAQPVFQK
IAKYRAGIVPVQFRRVACKKSGGVRFTHGHSYFNLVLITNVGGAGDVVSVSVKGTR
TGWQPMsrnwGQNWQSNsLLNGQALSFRVTTSdGHtLTSdNVAPSNWNFGQTFTG
SQF*

CDS (coding sequence)

>AofEXPA-08

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CTGGAACAATGGGAGGAGCTTGTGGGTATGGAAATTTGTACAGTCAAGGATATG
GGACAAACACAGCAGCCTTGAGCACTGCTCTCTTCAACAATGGGCTGAGTTGTGG
ATCTTGCTACGAAATCAAATGTGACAAAGACCCAAAATGGTGTCTCCCTGGGTCT
ATTGTAGTCACTGGAACAACCTTCTGCCACCAAATAATGCTCTGCCCAATAATA
ACGGCGGCTGGTGCAATCCTCCACAGCAGCACTTTGACCTCGCTCAGCCTGTGTT
CCAAAAGATTGCCAAGTACAGAGCTGGGATTGTCCCGTTCAGTTCGAAAGGGTG
GCTTGCAAGAAATCAGGAGGCGTCAGGTTCAACAATCAACGGCCACTCCTACTTCA
ACCTGGTCCTCATCACCAACGTTGGCGGCGCTGGCGACGTAGTCTCCGTCTCCGT
CAAAGGCACGAGAACAGGCTGGCAACCAATGAGCAGAACTGGGGCCAGA
GGCAGAGCAACAGCCTCCTCAACGGCCAAGCCCTCTCCTTCCGCGTCACCACCAG
CGACGGCCACACCCTCACCTCCGACAACGTCGCCCTTCCAATTGGAACCTCGGC
CAAACCTTCACTGGCTCTCAGTTCTGA

Nucleotide

>AofEXPA-08

ATGGTGCTGGCCTGGTCTAGTGCCACGCCACCTTCTATGGAGGCGGAGATGCAT
CTGGAACAATGGGTAAGCTGAAACTATCCTGATGAAAATTAGTCTGTCTCTTGCT
AGCTCATTTAACAAAATAATATGCCATCAAATGCGCACTTTTTACGAAATTATTT
ACCATTTTCGCTTGTGATTGTTGCAGGAGGAGCTTGTGGGTATGGAAATTTGTAC
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