

IDENTIFICATION

Species: *Asparagus officinalis*

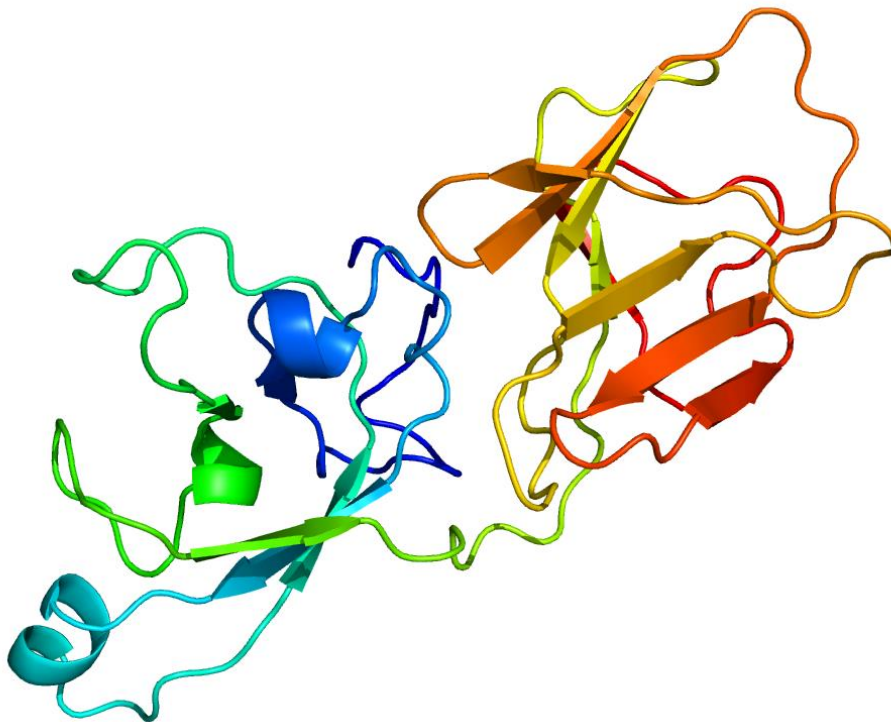
Locus: evm.model.AsparagusV1_07.179

Gene Model: evm.model.AsparagusV1_07.179

Description: AofEXPA-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

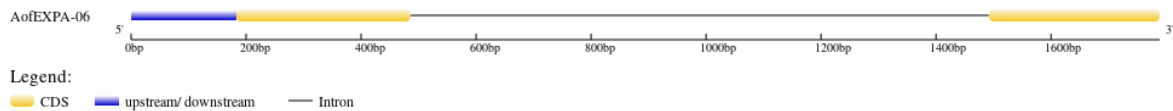
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aofficinalis_V1_1

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

EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AofEXPA-06

MGGACGYGNLYSQGYGVETAALSTALFNEGLSCGACFEIKCDNDPRWCHAGSPSIFI
TATNFCPPNFAAARSNDGGGVNRRRGHISRPSRCPCFSRSPSTALGPMQKTWWGPLH
DQRLQVLQPRPRHAGDIVKVYIKGKTGWMPMSRNWGWQSNVAVLVGQALSFR
VTGSDHRTSTSWNIAPASWRFQTFAGKNFRV*

CDS (coding sequence)

>AofEXPA-06

ATGGGAGGGGCTTGTGGGTACGGGAACCTCTACAGCCAAGGCTACGGCGTCGAG
ACGGCGGCGTTGAGCACGGCGTTATTCAACGAGGGGCTGAGCTGTGGGGCCTGCT
TCGAGATCAAGTGTGATAACGACCCCAGGTGGTGCCACGCTGGCAGCCCCTCCAT
TTTTATAACGGCGACTAATTTCTGCCCGCCAACTTCGCTGCTGCGCGGTCGGATA
ACGGCGGTGGTGTGAACCGCCGCGCGGCCACATTCGAGACCTTCGCGATGCC
GTGTTTCTCAAGATCGCCGAGTACCGCGCTGGGTCCCATGCAGAAAACGTGGTGG
GGTCCACTTCACGATCAACGGCTTCAGGTAATCAACCTCGTCCTCGTCACGCTGG
CGACATCGTAAAGGTCTACATCAAGGGCACGAAAACCTGGGTGGATGCCGATGTC
TCGGAACCTGGGGGCAAATTTGGCAGTCCAACGCGGTTTTGGTGGGCCAGGCCCTC
TCCTTCAGGGTGACCGGCAGCGACCACCGCACCTCCACCTCTTGGAACATCGCCC
CCGCCAGCTGGCGGTTCCGGGCAGACCTTTGCCGGTAAAACTTCAGGGTGTAG

Nucleotide

>AofEXPA-06

ATGGGTATGCGAGAAAACCCCTCGAAAATAATCTAGGTCCTTTTTTGCTAATAA
ATGAACCCGAGATTCACCGTCATTTGTTTTTAGGCCCAAACCTACCCACACTGGGT
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CAATTTCTTAATTTAGGAGGGGCTTGTGGGTACGGGAACCTCTACAGCCAAGGCT
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CGGTAAAACTTCAGGGTGTAG