

IDENTIFICATION

Species: *Asparagus officinalis*

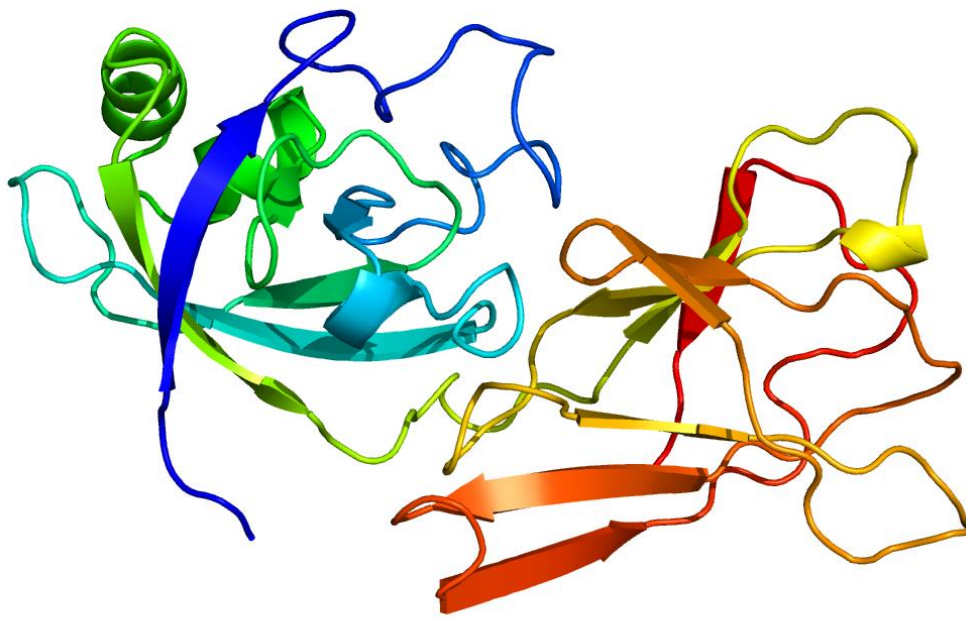
Locus: evm.model.AsparagusV1_04.1290

Gene Model: evm.model.AsparagusV1_04.1290

Description: AofEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

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

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

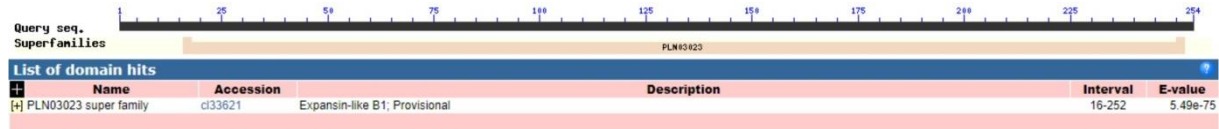
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AofEXLB-01

MALTSSLLLLFSISFVQLQFLAEADDQFVQSSAAYPDSAQNGTSDGSCGYGSFGATL
NGGDVSAANSLYRNGVGCACACQVQKCTNAKNCSDNGVTIVITDSGASANTDFILSQL
AFSQMGQTTDAGTSLALGVSVNIEYRRVSCSYPNKNITIKIDESSNFPDYLAFAQIWIYQQ
GNQDITAVQLCETVNLTKLLNRSHGAVWTVVSAPSGPLSIRMLLSGGDEGDETWV
VPVNNIPQQWKAGDVYDSGIQVN*

CDS (coding sequence)

>AofEXLB-01

ATGGCTCTCACTTCTAGTCTCCTGCTTCTCTTCTCCATCTCTTTCGTTTCAGCTCCAG
TTCCTGGCCGAAGCTGATGATCAGTTTGTTC AATCAAGTGCTGCTTACTACCCAGA
CTCAGCCCAAATGGCACCTCAGATGGATCATGCGGATATGGCTCATTGGTGCA
ACACTTAACGGCGGAGATGTATCAGCTGCAAACAGTCTCTACAGAAATGGTGTG
GTTGTGGAGCTTGCTACCAGGTGAAGTGCACCAATGCCAAGAATTGCTCAGATAA
TGGTGTGACAATTGTGATAACAGATTCAGGAGCAAGCGCCAATACTGACTTCATA
CTGAGTCAGCTAGCTTTCTCTCAGATGGGTCAGACAACCGATGCAGGCACATCAC
TTTTGGCTCTTGGGTCTGTCAATATTGAGTACAGAAGGGTTTCCTGCAGCTACCCA
AACAGAACATAACCATCAA AATTGACGAGAGCAGCAACTTCCCTGACTATCTA
GCCTTTCAGATATGGTATCAGCAAGGAAATCAGGATATAACCGCAGTTCAGTTAT
GCGAGACTGTGA ACTTAACATGCAAGTTATTGAATCGGAGTCACGGAGCAGTGTG
GACTGTAGTTTCTGCTCCCAGTGGGCTTTGTCTATAAGAATGCTACTCAGTGGAG
GAGATGAGGGAGACGAGACTTGGGTGGTGCCTGTAAACAACATTCCACAACAGT
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Nucleotide

>AofEXLB-01

ATGGCTCTCACTTCTAGTCTCCTGCTTCTCTTCTCCATCTCTTTCGTTTCAGCTCCAG
TTCCTGGCCGAAGCTGATGATCAGTTTGTTC AATCAAGTGCTGCTTACTACCCAGA
CTCAGCCCAAATGGCACCTCAGTTTAGTTAGTTCAATAGCCTAGTACACAAGT
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