

IDENTIFICATION

Species: *Phaseolus vulgaris*

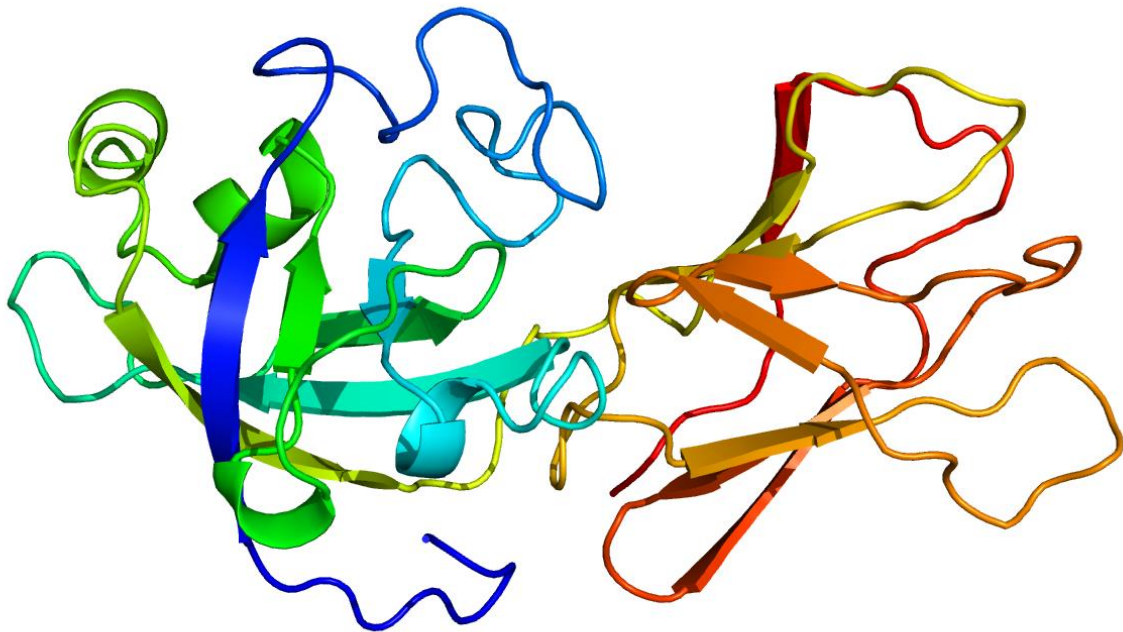
Locus: Phvul.005G104600

Gene Model: Phvul.005G104600.1.p

Description: PvEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

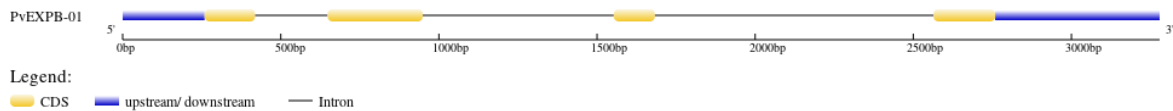
Phytozome: https://phytozome-next.jgi.doe.gov/info/Pvulgaris_v2_1

KEGG: <https://www.genome.jp/entry/gn:T03093>

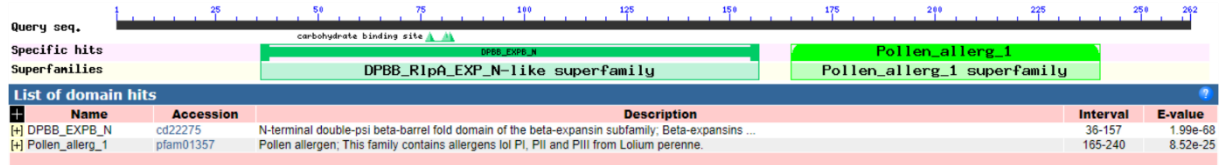
EXTERNAL RESOURCES

<https://www.pulsedb.org/organism/636>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PvEXPB-01

MQRHRVSAVFFLSSCFsIALVYAQGQTPHTVLDQHWYPGTATWYGEPEGDGSGTGGACGYGTLVDVKPLKARVGA VGSMLFQKGE GCGACYKVKCLDHSICAKRAVTVIVTDECPGCPsDRTHFDLSGS AFGRMAFAGENGQLRNRGEIPVIYRRTPCKYAGKNIAFHVNEGSTPFWLSLLVEFEDGDGDISSMYIQEAGSSEWLQMNHVWGANWCIVRGPLRGPFsVKVSTSTGKSLTAKDVIPSNWITKATYTSRLNFLS*

CDS (coding sequence)

>PvEXPB-01

ATGCAGCGCCACCGTGTCTCCGCCGTGTTTTTTCTAAGCTCGTGCTTTAGCATTGC
GCTAGTATACGCGCAAGGACAGACTCCTCACACTGTCCTGGACCAACATTGGTAC
CCGGGAACCGCCACGTGGTACGGCGAGCCCGAAGGAGACGGTAGCACCGGTGGG
GCATGTGGGTATGGTACATTGGTGGACGTGAAGCCGTTGAAGGCAAGGGTGGGT
GCAGTGGGGTCAATGTTGTTTCAGAAGGGAGAAGGGTGCGGGGCTTGTATAAG
GTGAAGTGTGGATCATAGCATATGTGCCAAGCGGGCAGTGACGGTTATAGTAA
CGGATGAGTGCCCGGGCTGCCCGTCCGACCGAACGCACTTCGACCTCAGTGGCTC
TGCCTTTGGCCGCATGGCGTTTGCCGGTGAAAACGGTCAGCTCCGAAACCGAGGG
GAAATCCCAGTCATTTACCGAAGAACACCATGCAAGTATGCTGGCAAAAACATTG
CCTTCCATGTCAATGAAGGTTCCACACCTTTCTGGCTATCACTTCTTGTGGAGTTT
GAAGATGGAGATGGAGACATCAGCTCCATGTATATAACAAGAAGCAGGGTCAAGT
GAGTGGCTGCAGATGAATCATGTATGGGGTGCAAATTGGTGCATTGTTAGAGGGC
CTTTAAGAGGACCTTTCTCAGTTAAAGTAAGCACATCCACGGGGAAAAGCCTCAC
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Nucleotide

>PvEXPB-01

CAAATGGATAATAAGGTCAGGGCAATTATTCCGTTGAGTCGACCCCACTGTATTC
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CCGCATGGCGTTTTGCCGGTGAAAACGGTCAGCTCCGAAACCGAGGGGAAATCCC
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