

IDENTIFICATION

Species: *Prunus persica*

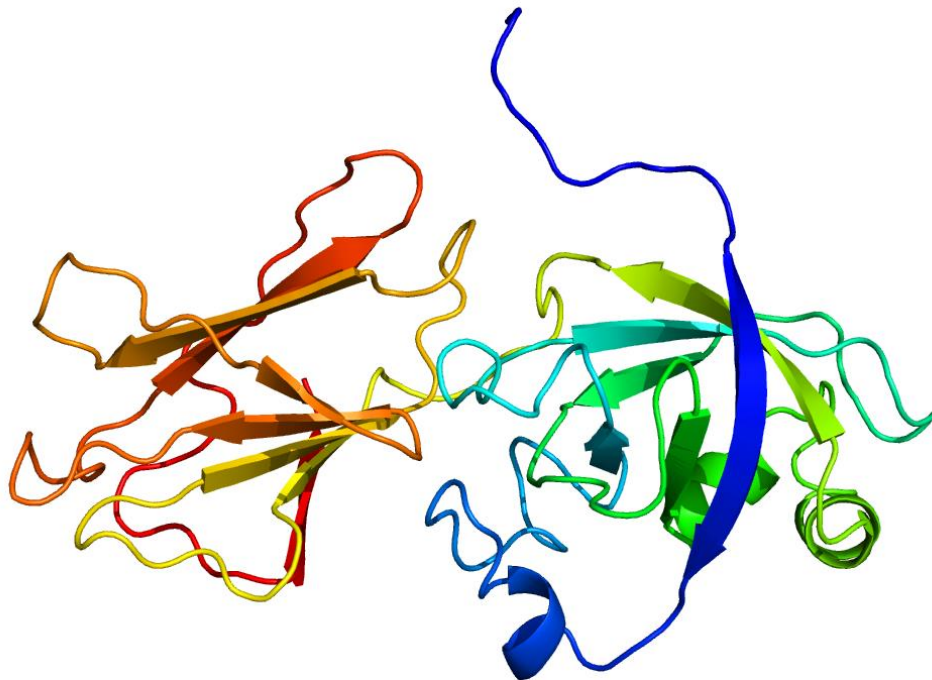
Locus: Prupe.5G047300

Gene Model: Prupe.5G047300.2.p

Description: PrpEXLB-02

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

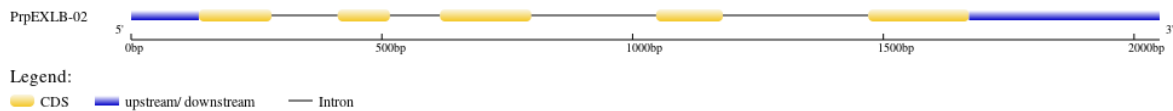
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppersica_v2_1

KEGG: <https://www.genome.jp/entry/gn:T03092>

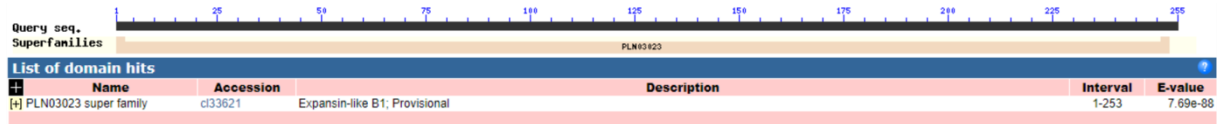
EXTERNAL RESOURCES

https://www.rosaceae.org/species/prunus_persica/genome_v2.0.a1

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PrpEXLB-02

MVFSLWSQLSLFIVLLVVQTPGEAATCSDCFVHSRASYYPNSEAQGTDSACGFGSFG
ATINGGDVSAASDLYRNGVGCYQVRCTNSLYCSDKGATVVITDQSGHNTDFIL
SKRAFGRMAQTTDAAASLLSLGVVDIEYRRVSCSYPGKNITIKIDENSNYPHYLA
FVIYYQQGKNDITAVQLCETQNFACKLLDRSYGAVWTTTSPPSGPLQIRMLFSDE
DGDENWVVPENNIPQDWKVGQTYDSGVQVN*

CDS (coding sequence)

>PrpEXLB-02

ATGGTTTTCTCTCTGTGGTCTCAACTTTCCCTTTTCATTGTCTTGCTTGTAGTACAA
ACTCCAGGGGAGGCTGCAACATGCAGTGACTGTTTCGTTTCATTCTCGGGCAAGTT
ATTATCCGAATTCTGAAGCGCAAGGAACAGATAGTGCTTGTGGGTTTGGTTCATT
TGGAGCAACCATCAATGGAGGGGATGTCTCAGCTGCCTCTGACCTCTATCGCAAT
GGAGTCGGATGCGGTGCTTGTACCAGGTGAGGTGCACCAACAGCCTCTATTGCT
CAGACAAAGGAGCAACTGTGGTTATAACTGACCAAGGCTCCGGTCACAACACGG
ACTTCATCCTTAGCAAACGAGCCTTTGGCCGGATGGCTCAAACACTACAGATGCAGC
TGCTTCTCTGCTGTCCCTTGGAGTAGTCGATATCGAATACCGAAGGGTTTCATGCA
GCTACCCAGGAAAAAATATTACAATCAAGATTGATGAGAACAGTAATTATCCTCA
CTATTTGGCTTTTGTAAATATATTACCAGCAAGGGAAGAACGATATCACAGCTGTC
CAGCTATGTGAGACACAAAATTTGCCTGCAAACACTATTGGACAGGAGTTATGGAG
CAGTTTGGACGACTACCTACCCCAAGTGGACCCTTGCAGATAAGGATGCTATT
CAGTGATGAAGATGGTGATGAGAATTGGGTTGTTCTCTGAGAATAACATACCACAA
GATTGGAAAGTTGGACAAACATATGACTCAGGAGTTCAAGTGAACATAA

Nucleotide

>PrpEXLB-02

AATTGAAGTTGGACTTCATATTTTGCTATAAATACACTAACCATTTAGCTATAGCT
TCATGCAGTAGCACCAACTTGCGATAAAATTCTAGCAAGAAAACACTAGCTCTCATT
TCATTTTGCTTGTGAGGACCTATAATGGTTTTCTCTCTGTGGTCTCAACTTTCCCTT
TTCATTGTCTTGCTTGTAGTACAACTCCAGGGGAGGCTGCAACATGCAGTGACT
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CGGTGCTTGTACCAGGTGAGCATGCACTCCTAAAGCATGAAAATATGTGTTTGT
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TTGGCCGGATGGCTCAAACACAGATGCAGCTGCTTCTCTGCTGTCCCTTGGAGT
AGTCGATATCGAATACCGAAGGTAAGATCCTAGCAACTTTGAGGAAGAAATAAG
GCATTTTCATAGTTACACAGAGGAGGTGGTATCACTTCTGATCAATAGTTACACA
GAGAAGATTGTCCCAACAGAACAATCTGTATAATTGAAACACACACAAACACAT
GGTTTCCTTTATCTATATATGTAGCTATTCATTTATGACAAACTTTGATGACTAGA
AACTAACCAAGTAGCTCTCTCTCTCTCCCTCTCTCTCTTCCCAAACAGGGTTT
CATGCAGCTACCCAGGAAAAAATATTACAATCAAGATTGATGAGAACAGTAATT
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GTCAAAAATGGAGGCCACATCATGCTATAACAAATTAACCTCAGTAGTTGTAGTT
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GCAGATAAGGATGCTATTCAGTGATGAAGATGGTGATGAGAATTGGGTTGTTCCCT
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CAAGTGAAC TAATTACAGATAGACATGCAAATGCAGCAGATCAAATATTCTAATT
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TGATCACACAAGTTTCTTAATGAAGGCTTCTTTTATTTTTTTATTAATATTATGACTG
CGACTAGATTCCTCACTTTTTTAAGGCATCGGAAGGTATTGGGTGACATAATTGGC
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