

IDENTIFICATION

Species: *Phalaenopsis equestris*

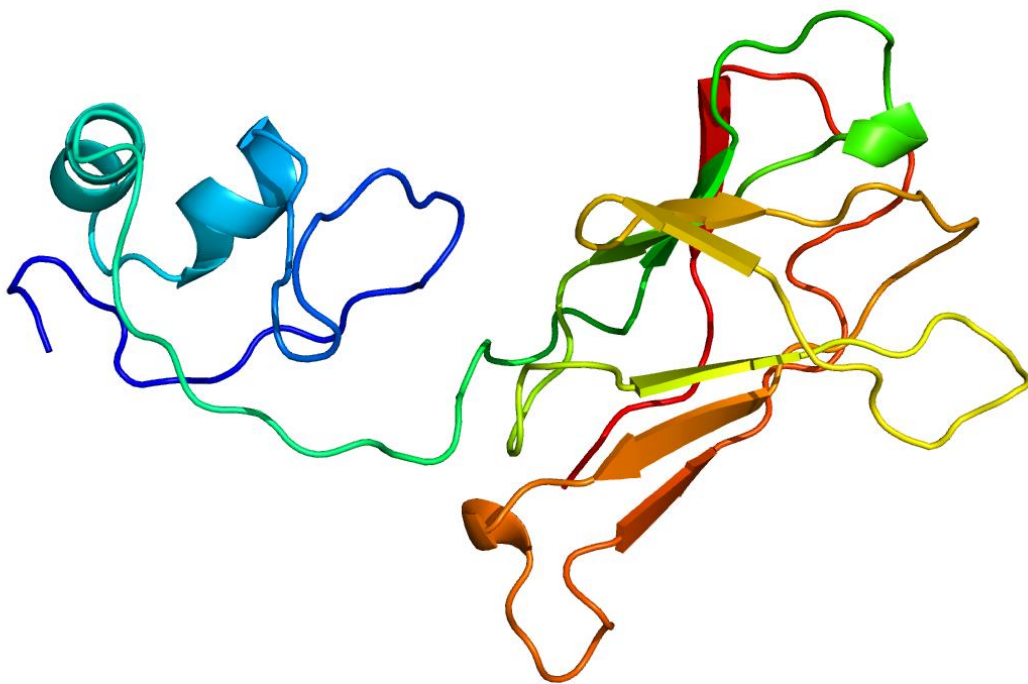
Locus: XP_020577846

Gene Model: XP_020577846.1

Description: PeqEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

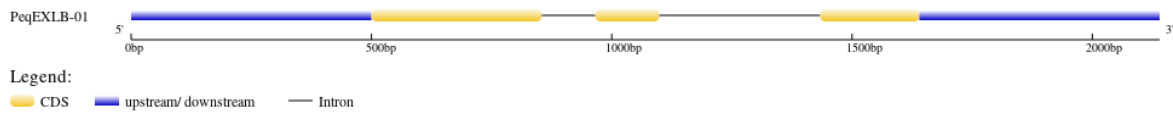
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Phalaenopsis+equestris>

KEGG: <https://www.genome.jp/entry/T05601>

EXTERNAL RESOURCES

http://orchidbase.itps.ncku.edu.tw/est/Phalaenopsis_2019.aspx

GENE STRUCTURE



DOMAIN ARCHITECTURE

Query seq. 173

Superfamilies PLN03023

Name	Accession	Description	Interval	E-value
PLN03023 super family	c133621	Expansin-like B1; Provisional	4-172	1.11e-47

SEQUENCES

Peptide

>PeqEXLB-01

MNLNYCSDNGVTIVITDSGSSGGTDFILSQHAFAGMGQTV DAGKSLNLGWVDIEYR
RVSCSYPNKNITIKIDESSNFPDYLA FVIEYQQGIKDIIA VQLCETVSLTCKLLDRSHGT
VWAVVSPPTGPLSIKMLLSGDSINDDDDNDSWVAPVNNIPVNWTPGTSYDSGIQIN

CDS (coding sequence)

>PeqEXLB-01

GTATGTTTGTCTTTGATTTGTTAGGTGAGGTGCATGAACCTCAACTATTGCTCGGA
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ATATTGAGCCAGCATGCTTTTGCAGGAATGGGGCAAACCGTTGATGCCGGCAAAT
CTCTTCTTAACCTTGTTGGGTTGATATTGAGTATAGGAGAGTCTCGTGCAGTTAT
CCAAATAAGAACATAACCATAAAGATTGATGAGAGCAGTAATTTCCCGACTATT
TAGCCTTTGTGATAGAATATCAACAAGGAATCAAAGACATTATAGCAGTACAGTT
ATGTGAGACTGTGAGTTTAACATGTAAGCTATTAGATAGAAGTCACGGCACCGTA
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CGACAGCATCAACGACGATGATGACAATGATAGTTGGGTGGCGCCTGTCAATAAT
ATCCTGTGAATTGGACGCCTGGAAGTAGCTATGATTCTGGGATACAGATAAATT
AGAGCTGCTCGAAATGTTTTCTTTCATGTTGAATTTTAAACAATATAGATTTTATC
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TCAGTTTTGTTATATGTTTTCTAAATAG

Nucleotide

>PeqEXLB-01

CAACTTTCACCATCATACAACCTTCATATGATGAGCCAACCATTCTTAGATAAGCTT
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