

IDENTIFICATION

Species: *Chenopodium quinoa*

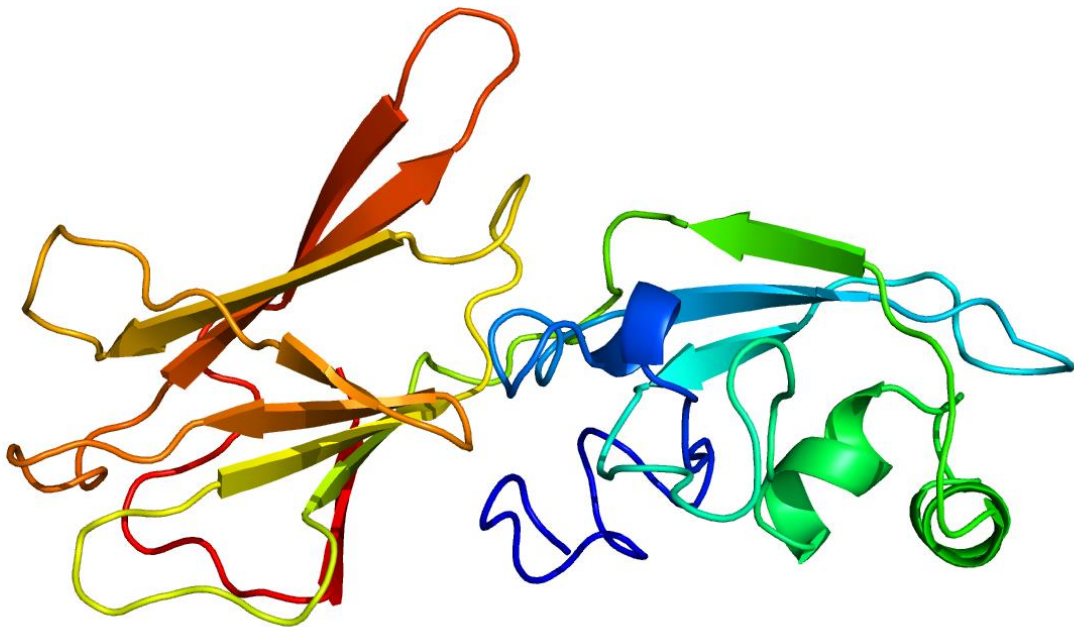
Locus: AUR62018849

Gene Model: AUR62018849

Description: CqEXLB-04

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Cquinoa_v1_0

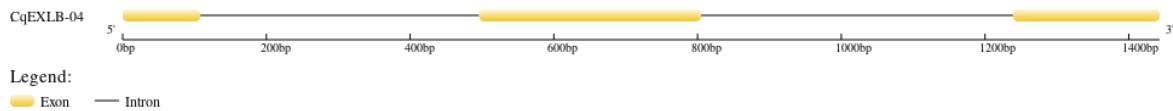
KEGG: <https://www.genome.jp/entry/T05764>

EXTERNAL RESOURCES

<https://www.cbrc.kaust.edu.sa/chenopodiumdb/>

<http://quinoa.kazusa.or.jp/index.html>

GENE STRUCTURE



DOMAIN ARCHITECTURE

Query seq. GACGYGEYGRVNDGDVAAVPRRLFRNGAGCGVCYKIKCTEEECNDDGVEVVVTD HGESHESDFILSGQAFKMAESGMEAKLKAYGHVNIEYQRVPCRYPGNNLMLKVHE HAHYPNYLAMIFYQGTGIYDITAVEIFEEANLQWRACRRAYGAVWDMENPPKGGLT VRRFASASVTAEPKWVVVANVIPLAWQAGVVYDTSIQLS*

Superfamilies PLN03023

Name	Accession	Description	Interval	E-value
PLN03023 super family	c133621	Expansin-like B1; Provisional	1-206	6.66e-97

SEQUENCES

Peptide

>CqEXLB-04

GACGYGEYGRVNDGDVAAVPRRLFRNGAGCGVCYKIKCTEEECNDDGVEVVVTD
HGESHESDFILSGQAFKMAESGMEAKLKAYGHVNIEYQRVPCRYPGNNLMLKVHE
HAHYPNYLAMIFYQGTGIYDITAVEIFEEANLQWRACRRAYGAVWDMENPPKGGLT
VRRFASASVTAEPKWVVVANVIPLAWQAGVVYDTSIQLS*

CDS (coding sequence)

>CqEXLB-04

GGTGCATGTGGCTACGGTGAATACGGAAGAAGCTGTGAATGATGGTGACGTAGCT
GCTGTTCCAGACGACTCTTTAGAAATGGAGCTGGATGTGGTGTATGTTATAAGA
TAAAGTGCACAGAAGAAGAATGCAATGACGACGGAGTTGAAGTTGTGGTGACGG
ACCACGGTGAAAGTCATGAATCCGATTTCTATTCTGAGCGGCCAAGCATTTCGAAA
GATGGCCGAGTCCGGCATGGAGGCTAAACTCAAGGCATATGGTCACGTTAATATC
GAATACCAACGAGTTCCATGCCGATACCCTGGCAACAATCTCATGCTTAAAGTTC
ACGAGCATGCTCATTATCCTAACTACCTTGCCATGATTTTCTACTATCAGACTGGA
ATTTACGACATTACTGCGGTCGAAATCTTTGAGGAGGCAAATCTACAATGGAGGG
CATGTAGGAGGGCATATGGTGCAGTTTGGGACATGGAAAATCCACCAAAGGTG
GGCTAACAGTTAGATTCTTTGCAAGTGCAAGTGTTACTGCTGAACCAAATGGGT
GGTTGTTGCTAATGTCATCCCACCTTGCTTGGCAAGCTGGTGTGTTTATGACACTT
CTATTCAACTTTCTTAA

Nucleotide

>CqEXLB-04

GGTGCATGTGGCTACGGTGAATACGGAAGAAGCTGTGAATGATGGTGACGTAGCT
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AACGTGTTTACAAGCATTGTACATACATGACAATATGGCATGTAAGAATAATGTA
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AAGTGCACAGAAGAAGAATGCAATGACGACGGAGTTGAAGTTGTGGTGACGGAC
CACGGTGAAAGTCATGAATCCGATTTTCATTCTGAGCGGCCAAGCATTCGCAAAGA
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ATACCAACGAGTTCATGCCGATAACCCTGGCAACAATCTCATGCTTAAAGTTCAC
GAGCATGCTCATTATCCTAACTACCTTGCCATGATTTTCTACTATCAGACTGGAAT
TTACGACATTACTGCGGTCGAAATCTTTGAGGTATGAAACTGATGAAACGGTCTC
ATTATAATTTATTGATCGAATAACAAATTGTACGTGTGACCTTTTATGAGGAACAT
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TGCAGAGTCCAACCCACATGACCTGAAGACATGATATGTTTGTGGAATGATTGGT
TAAAAATAAGCAAGTCAACATGTGGACCAATTTTTTTGTGTTTGTACCAAGTTTTGT
AAACAAAGTCCATGGATGGCCCACTGATGATGAGCTACTCATGTCGTGTCAGGCT
TACAATGGGCTCTTGGCATATTGGACCAATTTTCGTGTCAGCCCATCACATACCCA
CCTCTAGAGAGCCATTACCTTACACAAAAATGACTACTAATTATATATCATTGTA
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