

IDENTIFICATION

Species: *Chenopodium quinoa*

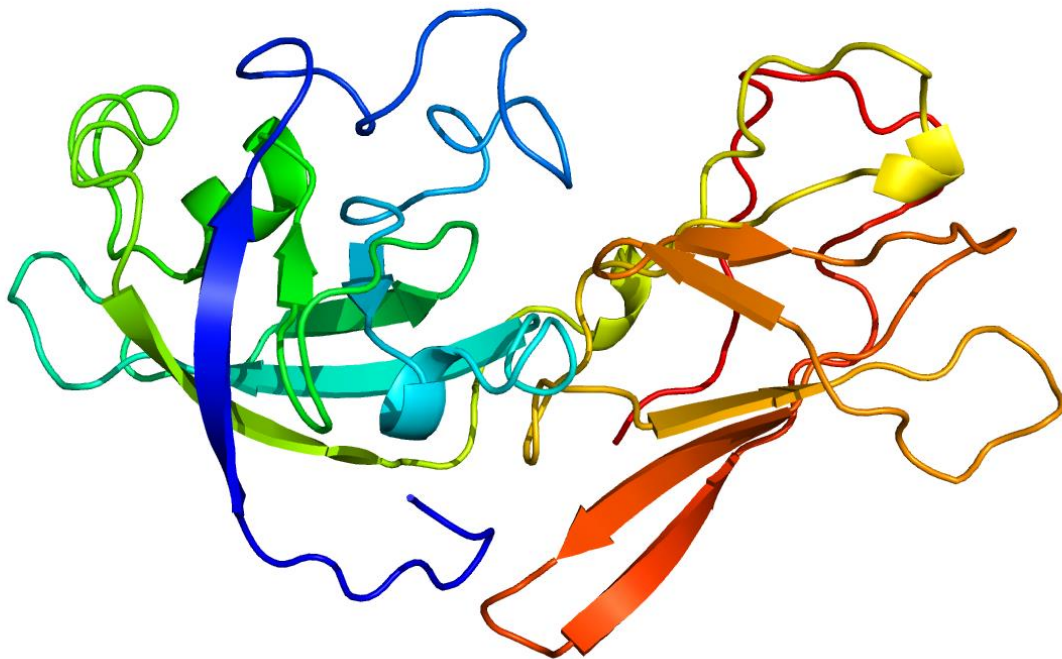
Locus: AUR62007220

Gene Model: AUR62007220

Description: CqEXLB-08

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

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

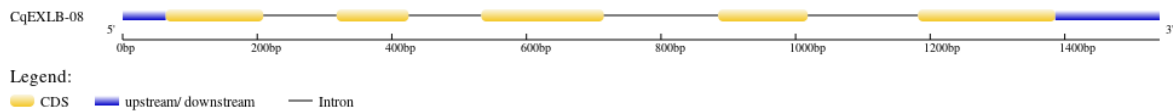
KEGG: <https://www.genome.jp/entry/T05764>

EXTERNAL RESOURCES

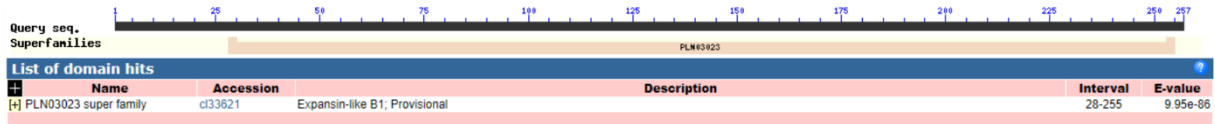
<https://www.cbrc.kaust.edu.sa/chenopodiumdb/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CqEXLB-08

MSFSLQNFLHLSICLLLLISFANAQNCSDCFVHSRASYYPNSEHGTDHGACGFGAFG
ATVNGGDVSTASELYRDGVGCGACYQVKCTNSDYCSDNGVTVVITDQGS GDHTDFI
LSEHAFSKMAQTDDAAASLRSLGVVDIEYQRISCSYPGKNITFKIDESSNYP SYLAFAI
YYQQGEKDITAVQLCETQFTCKLLQRDHGAVWTSTSPPSGPLSIRMLFSDGDYADD
TWVVPVNNIPQDWKSGAIYDSGVQVN*

CDS (coding sequence)

>CqEXLB-08

ATGTCTTTCTCATTGCAAAATTTTCTTCACCTTTCAATCTGCTTGCTTCTCCTGATA
AGTTTTGCTAATGCTCAAACACTGTAGCGACTGTTTTGTTCACTCACGTGCATCATA
TTATCCAAACTCTGACGAACATGGAACAGATCATGGAGCTTGTGGGTTTCGGGGCA
TTTGAGCAACAGTCAATGGAGGAGATGTATCAACTGCATCAGA ACTCTACCGTG
ATGGAGTAGGTTGCGGTGCTTGCTATCAGGTCAAATGCACAAACAGTGACTATTG
CTCAGACAATGGAGTTACCGTGGTCATAACAGACCAAGGCTCTGGTGACCATACT
GATTTTATCCTCAGCGAGCATGCTTTTAGCAAGATGGCTCAAACAACAGATGCAG
CTGCATCTTTGAGATCCCTTGGTGTAGTGGACATAGAGTATCAACGGATTTCATG
CAGCTACCCAGGTAAAAACATAACATTCAAGATTGATGAGAGCAGCAACTACCC
TAGCTATCTAGCATTGCTATTTATTACCAACAAGGAGAAAAGGATATCACTGCT
GTGCAACTATGCGAGACACAACTTTTACCTGCAAGTTACTGCAACGAGACCATG
GAGCTGTGTGGACAAGTACTTCTCCACCAAGTGGACCGTTGTCCATAAGAATGTT
GTTCAAGTATGGTATTACGCAGATGATACTTGGGTTGTTCCCGTCAACAACATA
CCTCAAGATTGGAAATCAGGAGCCATATATGACTCTGGAGTACAAGTGA ACTAA

Nucleotide

>CqEXLB-08

ATCCACCAAGTAACACGTCTTCTTCTTGATCTTACTCTCATTATCGTCTCTGTAATT
GCCCAAGATGTCTTTCTCATTGCAAAATTTTCTTCACCTTTCAATCTGCTTGCTTC
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CATGCAGCTACCCAGGTAAAAACATAACATTCAAGATTGATGAGAGCAGCAACT
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TGCTGTGCAACTATGCGAGGTCTAAATTCTATTACCCACTGAAAAAACTTCACCT
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