

## IDENTIFICATION

**Species:** *Ricinus communis*

**Locus:** 30174.m008816

**Gene Model:** 30174.m008816

**Description:** RcEXPB-02

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

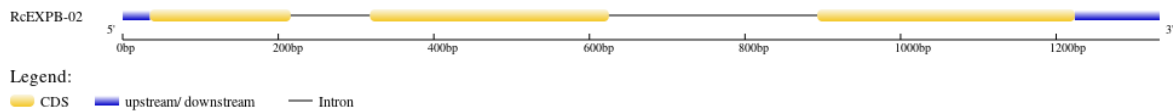
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Rcommunis\\_v0\\_1](https://phytozome-next.jgi.doe.gov/info/Rcommunis_v0_1)

KEGG: <https://www.genome.jp/entry/T01087>

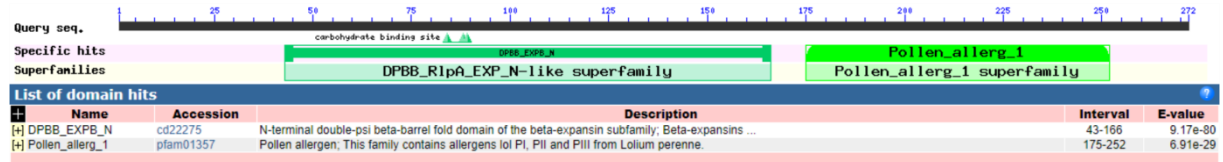
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>RcEXPB-02

MAILQNSILVSVLALVFLFNSCYCFKHKSFNVSRQTSGDSGWAPAGATWYGSPTGA  
GSDGGACGYQNAVDQPPFSSMIAAGGPSLYKSGKGCYQVKCTSHSACSGKPAT  
VVITDECPGGPCTAESVHFDLSGTAFGAMASGGADQLRNAGVLQIRYRRVQCNYPG  
RSVVFHVDSGNSPYFYFATLVEYEDGDGELRSVELKQALDKEDSWAPMQQSWGAVW  
RLNSGSVLRGPLSLRLTSLESGKTIVASGVIPADWQPGKTYRSVVNF

### CDS (coding sequence)

>RcEXPB-02

ATGGCTATTATCCTTCAGAATCAATCCTTGTCTCTGTTCTTGCACTTGTCTTTTTG  
TTCAACTCCTGCTACTGTTTCAAACACAAGTCTTTCAATGTTTCAAGGACTCAGTC  
CGGCGATTCTGGTTGGGCACCGGCTGGTGCAACTTGGTATGGCAGTCCCCTGGT  
GCTGGAAGTGATGGTGGAGCTTGTGGGTATCAAATGCAGTAGATCAACCTCCAT  
TCTCTTCAATGATAGCAGCAGGAGGTCCTTCTCTATAACAAGTCAGGTAAAGGATG  
TGGAGCCTGTTATCAGGTGAAATGCACGTCACATTCTGCATGCTCAGGAAACCA  
GCGACAGTAGTTATAACAGATGAGTGCCAGGAGGACCCTGTACAGCAGAATCA  
GTTCAATTTGATCTGAGTGGTACTGCTTTTGGAGCTATGGCCATTTCTGGCGGTGC  
TGATCAACTGCGTAACGCCGGAGTCTTGCAGATTCGATATAGAAGAGTTCAGTGC  
AATTATCCAGGGAGAAGTGTGGTCTTCCACGTGGACTCTGGGTCAAACCCCTACT  
ATTTTGCAACCCTAGTTGAGTACGAAGATGGAGATGGTGGAGCTTCGTTCCGGTGA  
GCTAAAACAGGCTTTGGACAAAGAAGACTCATGGGCTCCCATGCAACAATCATG  
GGGTGCGGTTTGGCGACTTAACTCAGGCTCAGTTCTACGTGGTCCATTGTCTCTCA  
GGCTAACCTCGCTCGAGTCCGGCAAGACCATTGTAGCAAGTGGTGTAAATTCCTGC  
CGATTGGCAGCCTGGAAAGACTTACCGATCAGTTGTCAATTTCTAA

### Nucleotide

>RcEXPB-02

TCCAAACCATAGAGGGGCTAAAGCAGTTAGTAATAATGGCTATTATCCTTCAGAA  
TTCAATCCTTGTCTCTGTTCTTGCACTTGTCTTTTTGTTCAACTCCTGCTACTGTTTC  
AAACACAAGTCTTTCAATGTTTCAAGGACTCAGTCCGGCGATTCTGGTTGGGCAC  
CGGCTGGTGAACCTTGGTATGGCAGTCCCCTGGTGTGGAAGTGATGGTATGTT  
ATATGTAAATATAAATAAAATACTGGAAATGATTTATAATAATTGTTTGTGGAAA  
TGTTCTAATTCATGTAGATGTGCACATATACGTTGCAGGTGGAGCTTGTGGGT

ATCAAAATGCAGTAGATCAACCTCCATTCTCTTCAATGATAGCAGCAGGAGGTCC  
TTCTCTATAACAAGTCAGGTAAAGGATGTGGAGCCTGTTATCAGGTGAAATGCACG  
TCACATTCTGCATGCTCAGGGAAACCAGCGACAGTAGTTATAACAGATGAGTGCC  
CAGGAGGACCCTGTACAGCAGAATCAGTTCATTTTGATCTGAGTGGTACTGCTTT  
TGGAGCTATGGCCATTTCTGGCGGTGCTGATCAACTGCGTAACGCCGGAGTCTTG  
CAGATTCGATATAGAAGGTAACCTCTATTCTTTAGAGAAAGAGATAAAGAGAGAG  
AAAGCAGTAATTGTCAACAAATCCTTTTCTATTTTATTCTATAAAAGTCTTCAATC  
ACATAATTAATTTGGTCAAACATAACCAAATTGCAACTTTTTCTTTTACTAATTACT  
ATTTTATAGGCATAGACTTTATAAAAACCAATATTCTGAATATTTCTCTGGTTTCAA  
ATTTGAAATTATCATTTATTAATTACGCACAATTATTTTGTCCCTGATGCTGTGTG  
GTAGCAGAGTTCAGTGCAATTATCCAGGGAGAAGTGTGGTCTTCCACGTGGACTC  
TGGGTCAAACCCCTACTATTTTGCAACCCTAGTTGAGTACGAAGATGGAGATGGT  
GAGCTTCGTTTCGGTGGAGCTAAAACAGGCTTTGGACAAAGAAGACTCATGGGCTC  
CCATGCAACAATCATGGGGTGCGGTTTGGCGACTTAACTCAGGCTCAGTTCTACG  
TGGTCCATTGTCTCTCAGGCTAACCTCGCTCGAGTCCGGCAAGACCATTGTAGCA  
AGTGGTGTAAATTCCTGCCGATTGGCAGCCTGGAAAGACTTACCGATCAGTTGTCA  
ATTTCTAATGTAACCTCGATATACTGCATTTGTTAGCTTGTATGAATGTAGCTGTTG  
CCTGCTCGTTGATGTTTAATTTCCATGGAGCAGACTTTGTAAAGATTAGAGTCCAC  
ATGGA