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Haliotis diversicolor supertexta

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Article history:			
Keywords:			
Haliotis diversicolor supertexta			
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1. Introduction			
1. Introduction	E. coli		
•			
Arabidopsis thaliana	Escherichia coli Haemophilus influenzae × .		
	Bacillus subtilis		
			biomphalaria
		glabrata	. biompilalaria
		Echinostoma caproni	
E-mail address:		Argopecten purpuratus	

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Haliotis diversicolor supertexta

2.4. Real-time PCR

μ

2. Materials and methods

2.1. Animals, immune challenge and tissues collection

H. diversicolor supertexta

μ E. coli

μμ

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2.2. Preparation and screening of abalone cDNA library

2.3. Sequence analysis and phylogenetic construction

2.7. Biological activity

 μ

2.8. Antibody preparation

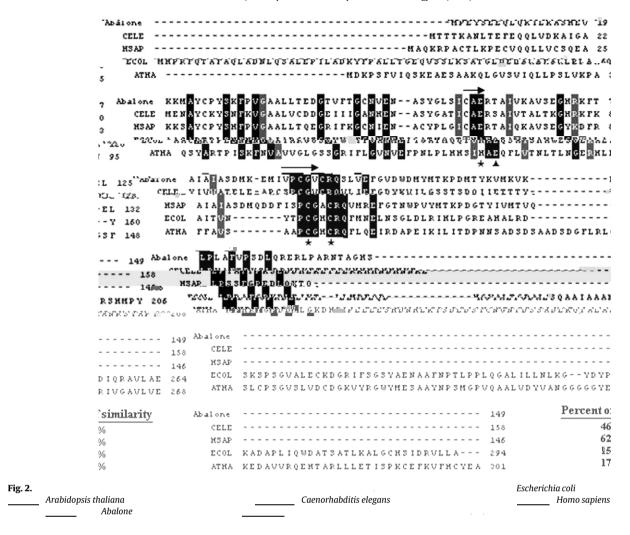
2.10. Immunohistochemistry

2.9. Western blot analysis

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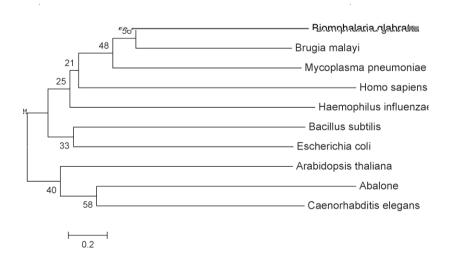
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    121
                        C P Y S K F P U G A A L L T E D G T U F 4
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                    TORORDETTECCOCCAGAGAAATOCCTOTOTOTOTOTOTOTTTTCCCCCGAGAGGACAG
                               G C N U E N<sub>0</sub> 4. S Y. G I<sub>2</sub> S T<sub>2</sub> G 4. F<sub>2</sub> R. T. 4.
G D G V
             241
                            CCATAGTCAAGGCCGTATCAGAAGGTCATCGGAAGTTCACGGCCATTGCCATCGCAAG
                                 IUKAUSEGHRKFTAIAIAS
     84
                             ACATGAAAGAGATGATCGTACCCTGTGGCGTGTGTCGACAGTCTCTGGTCGAGTTTGG
                                 M K E M I U P C G U C R Q S L U E F G
                             TGGACTGGGATATGTATATGACGAAACCGGATATGACGTACAAAGTAATGAAAGTTAA
G
                                DWDMYMTKPDMTYKUMKUK
E
                             <del>^</del>AJJAAJJAACJJAMGCTTTTGTTCCAAGCGACCTTCAACGAGAGAGACTTCCGGCGAG
ÃA
                                  L L P L A F V P S D L Qu n c n L p h n
  4, 174
                                ACACAGCAGGGCATTCTTAA ATAACAATTATCTGCACGCTTGTGACCTTGTGACCTC
ΓGA
                                   T A G H S *
                                TGAAGCAACATGGTGGCATATTCATCGTTTATAGAATATTTCCGATTTGTGCTCTTC
                                     TATAN TOTAL CATANANT TATAN TOTAL TOTAL CONTROL OF THE CONTROL OF T
                     ัดยา
CGCTC
                     661
                                     GCTCGTCACTCTGTGGACAGGGTTCTATTCCTAAGATGTGTATAATCCATTTCT
GTGTC
                      721
                                     CCCTGTGGTGATACTTCCAGAATATTGCGAAAAACGACGTAAAACTAAACTCAC
CATTC
                                     <del>Ո</del>ւնիիններ
                           841
                                           TCCATACAACACAAATGCACTCTAGTACACCTTTTTCGTACAGGACCCGTGA
```

Fig. 1.



3. Results

3.1. Sequence analysis of ab-CDA



Escherichia coli Arabidopsis thaliana Haemophilus influenzae Caenorhabditis elegans Bacillus subtilis Mycoplasma pneumoniae Brugia malayi Homo sapiens Biomphalaria glabrata Abalone

Fig. 3.

thaliana

Homo sapiens

Caenorhabditis elegans

Escherichia coli

Arabidopsis

3.2. Characterization and homology comparison of ab-CDA

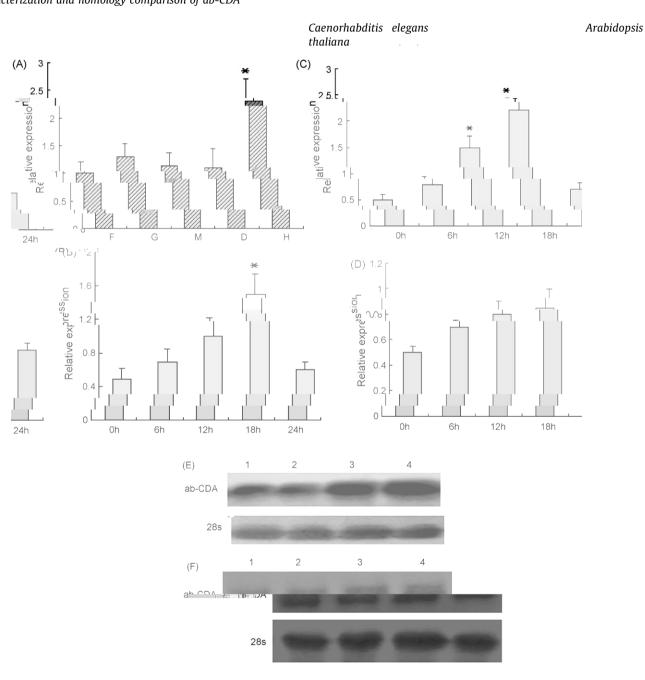


Fig. 4.

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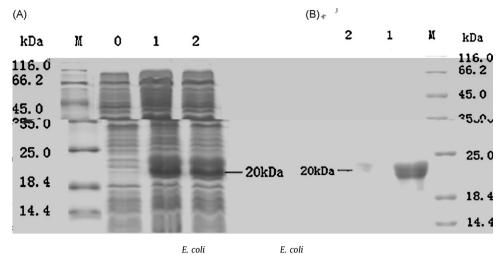


Fig. 5.

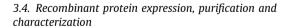
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Fig. 6.

3.3. Expression analysis of ab-CDA

3.5. Enzymatic activity

3.6. Antibody preparation and Western blot analysis



E. coli

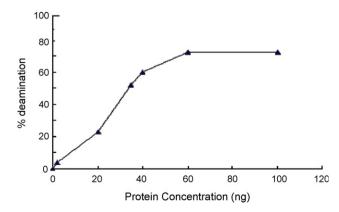


Fig. 7.

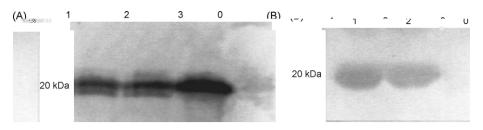


Fig. 8.

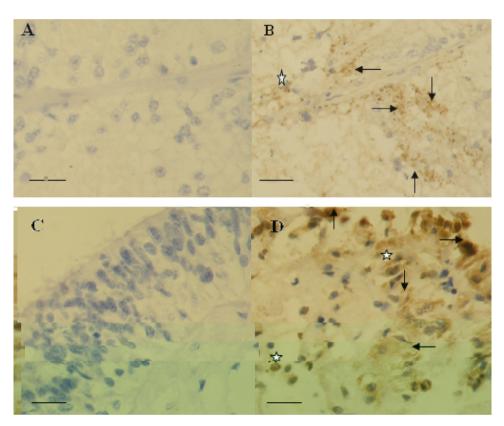


Fig. 9.

3.7. Intracellular localization of native ab-CDA

Homo sapiens Caenorhabditis elegans

4. Discussion Escherichia coli Arabidopsis thaliana



Crassostrea ariakensis