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(54) Title: ENDOSYMBIOTIC GAMMAPROTEOBACTERIUM IDENTIFIED IN ECTEINASCIDIA TURBINATA

(57) Abstract: rDNA corresponding to an endosymbiotic bacteria associated with *Ecteinascidia turbinata* has been identified. The bacterium appears to be responsible for the biosynthesis of ecteinascidin compounds. The 16S rDNA sequence corresponding to *Candidatus* Endoecteinascidia frumentensis SEQ ID NO: 1 has been deposited in GeneBank with the accession number AY054370.

INTERNATIONAL SEARCH REPORT

Internal application No
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A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7 C12R1/00 C12Q1/68 C12N15/11		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) WPI Data, PAJ, EPO-Internal, EMBASE, BIOSIS, SEQUENCE SEARCH, EMBL, MEDLINE		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	DATABASE EMBL 'Online! EBI, Hinxton, Cambs. UK; 22 June 1998 (1998-06-22) KATO C. & LI L.: "Unidentified gamma proteobacterium 16s rRNA gene" Database accession no. AB15255 XP002268803 Sequence	1-11
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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