

ABSTRACT

Title of Invention: A METHOD OF RELEASING THE SUPPRESSION OF EGG MATURATION IN ECONOMICALLY-IMPORTANT PRAWN/SHRIMP SPECIES

An object of the present invention is to provide a method for releasing oocyte maturation regulation by suppressing expression of a gene capable of regulating oocyte maturation in shrimps by the RNA interference method. The present invention provides a method for blocking oocyte maturation inhibition in farmed shrimps to be used as spawners (hereafter, “farmed shrimp”), comprising suppressing the expression of a vitellogenesis-inhibiting hormone (VIH) gene in shrimps by RNA interference using double-stranded RNA (dsRNA) targeting mRNA of the vitellogenesis-inhibiting hormone gene in farmed shrimps.

[No Suitable Figure]