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A Method Of Identifying Parentage In Freshwater Prawn Macrobrachium



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MEGA-TREND

- **Healthcare**

TECHNOLOGY READINESS LEVEL (TRL)

- **TRL 5**

PATENT/ GRANTED NUMBER

- **MY-184632-A**

▶ TECHNOLOGY OVERVIEW

A method of identifying parentage in *Macrobrachium rosenbergii* prawn comprising the steps of amplifying targeted EST-SSR nucleic acid sequences from a biological sample of *Macrobrachium rosenbergii* through a polymerase chain reaction using primer pairs with nucleic acid sequences as set forth in SEQ ID NO. 1 and SEQ ID NO. 2, SEQ ID NO. 3 and SEQ ID NO. 4, SEQ ID NO. 5 and SEQ ID NO. 6, SEQ ID NO. 7 and SEQ ID NO. 8, SEQ ID NO. 9 and SEQ ID NO. 10, SEQ ID NO. 11 and SEQ ID NO. 12 to produce respective amplicons; determining fragment size of the produced amplicons; regarding the fragment size of the amplicons corresponding to predetermined alleles; and identifying possible parentage of the prawn based on the regarded allele.

CONTACT US!

Dr. Lee Ching Shya, RTTP

UMCIE Business Officer

Email: leecs@um.edu.my

Phone: +603 – 7967 7352 / 013-2250151