

DEMONSTRATE EXISTENCE OF ZnuABC GENES IN UROPATHOGENIC E.COLI CFT073 ISOLATED FROM INFECTED SEMEN

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ABSTRACT

Although the level of zinc in semen was exceedingly reduced during infection, E.coli remains survives actively via exploited even minute amount of zinc in medium for continuous their vitality by use ZnuABC system to uptake this depleted element from their environment. Thus, in order to verify and prove existence the gene that encoded this transporter, the PCR technique was applied in current study to achievement this mission accurately.

KEYWORDS: ZnuABC, zinc (Zn), E.coli, Harboring Bacterial Infections