Molecular Cloning and Characterization of Dmc1 from the Chinese Mitten Crab (Eriocheir sinensis)

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Dmc1, a member of the RecA/Rad51 superfamily, is essential for meiotic recombination. In this study, a Dmc1 gene (EsDmc1) was identified from screening the larval transcriptomes of Chinese mitten crab Eriocheir sinensis. The full-length cDNA of EsDmc1 was 1478 bp long and contained a 1026 bp open-reading frame encoding 341 amino acids. The genomic fragment of EsDmc1 c ...
The survey was conducted from March 2012 to March 2013 based on field observations and samples. Shesher is natural reservoir of Lake Tana found at coordinates of 0350300 and 1322162 UTM and at altitudes 1805 a.s.l. Welala natural reservoir is found at UTM coordinates of 0348348 and 1326081 with altitude of 1804 a.s.l. The area of Shesher and Welala was estimated about ...

Climate change poses new challenges to the sustainability of fisheries and aquaculture systems, with serious implications for the 520 million people who depend on them for their livelihoods and the nearly 3 billion people for whom fish is an important source of animal protein [1]. Two-thirds of all reefs are in developing countries, and 500 million people in the tropi ...

Climate change in the lower Gangetic delta has caused an increase in water temperature and altered the salinity and pH of the aquatic phase. Such changes have caused a significant alteration in the diversity spectrum of fin fishes prevailing in the system. The Shannon Weiner species diversity indices computed from the catch of commercially important fin fishes