

**Journal of Fishery Sciences of China**  
**Vol.15 No.2 March 2008**  
**Contents**

- 01 Heterosis and related genetic analysis by SSR for the salt tolerance of reciprocal hybrids between Nile tilapia (*Oreochromis niloticus*) and blackchin tilapia (*Sarotherodon melanotheron*)  
.....LI Si-fa, YAN Biao, CAI Wan-qi, LI Teng-yun, JIA Jin-hua, ZHANG Yan-hong (189)
- 02 Effects of salinity on digestive enzyme activities of juvenile *Acipenser schrenckii*  
.....ZHUANG Ping, ZHANG Long-zhen, TIAN Hong-jie, ZHAO Feng, SONG Chao (198)
- 03 Research on embryonic and postembryonic development of *Erythroculter ilishaeformis* Bleeker of Taihu Lake  
..... GU Zhi-min, ZHU Jun-jie, JIA Yong-yi, PAN Ya-jun, HUANG Xian-ming, XU Gu-xing, YANG Yuan-jie (204)
- 04 AFLP analysis of cultured and wild hard clam (*Meretrix meretrix*) populations  
..... HE Chong-bo, CONG Lin-lin, GE Long-li, LIU Wei-dong, ZHOU Zun-chun, GAO Xiang-gang (215)
- 05 Analysis of mitochondrial DNA in blunt snout bream(*Megalobrama amblycephala*) populations with different ploidy levels  
..... TANG Shou-jie, LI Si-fa, CAI Wan-qi (222)
- 06 Screening of microsatellite primers and population genetic structure of *Hemibarbus labeo* in Heilongjiang River and Wusulijiang River..... HU Xue-song, SHI Lian-yu, LI Chi-tao, CAO Ding-chen, MA Bo, XU Wei (230)
- 07 Cross-species amplification of microsatellite markers from *Pseudosciaena crocea* in Sciaenidae  
..... LIN Neng-feng, SU Yong-quan, DING Shao-xiong, WANG Jun (237)
- 08 Effects of dietary probiotic on growth, immunity and intestinal bacteria of juvenile *Litopenaeus vannamei*  
.....HU Yi, TAN Bei-ping, MAI Kang-sen, AI Qing-hui, ZHENG Shi-xuan, CHENG Kai-min (244)
- 09 Species composition and diversity of macrobenthic fauna in Daya Bay  
..... DU Fei-yan, ZHANG Han-hua, LI Chun-hou, WANG Xue-hui, JIA Xiao-ping (252)
- 10 Distributing characteristics of zooplankton in Pearl River Estuary  
..... GAO Yuan, LAI Zi-ni, WANG Chao, PANG Shi-xun, WEI Tai-li, YANG Wan-ling, XIE Wen-ping (260)
- 11 A comparative study on habitat suitability index of bigeye tuna, *Thunnus obesus* in the Indian Ocean  
..... CHEN Xin-jun, FENG Bo, XU Liu-xiong (269)
- 12 Quantitative detection of harmful algae species using lectin probes  
.....HUANG Hui, WU Mo-ge, LEI Hong-ling, LAI Hong-yan, HOU Jian-jun (279)
- 13 Effect of temperature, salinity and light intensity on nitrogen and phosphorus uptake by *Sargassum thunbergii*  
..... BAO Jie, TIAN Xiang-li, DONG Shuang-lin, JIANG Hong-bo (293)
- 14 Expression and immunogenicity analysis of the fusion protein OmpA from *Aeromonas hydrophila* strain J-1  
..... JIANG Wei, LIU Yong-jie, LU Cheng-ping (301)
- 15 Prokaryotic expression of outer membrane protein U gene of *Vibrio mimicus* and its immunoprotection  
..... LI Xiao-fei, LI Jin-nian, JI Jing-jing, YU Wei-yi (307)
- 16 Study on a bacterial red-rotting disease of *Porphyra haitanensis* (Bangiales, Rhodophyta)  
.....YAN Xing-hong, HUANG Lin-bin, ZHOU Xiao, Li-lin (313)
- 17 Effects of dietary fiber from *Eucheuma* sp. on the absorption of calcium, iron and zinc  
.....LI Lai-hao, YANG Shao-ling, QI Bo (323)
- 18 Comparative study on the digestive system and digestive enzymes of wild and cultivated *Hucho taimen*  
..... GU Yan, SUN Zhong-wu, YIN Hong-bin, YIN Jia-sheng (330)
- 19 ISH detection of androgen receptor mRNA in spleen cells of *Pelodiseus sinensis*  
..... LI Mei-ying, ZHANG Li, BAO Hui-jun, ZHANG Hui, LIU Jin-xiong, CHEN Qiu-sheng (337)
- 20 Effects of polychlorinated biphenyls 1254 (PCB<sub>1254</sub>) on two enzyme activity of biotransformation in digestive gland and gills of scallop *Chlamys farreri*..... REN Jia-yun, LI Shu-feng (342)
- 21 Adhesion of *Vibrio fluvialis* to skin mucus of *Epinephelus awoara*  
.....ZHAO Min-hui, ZOU Wen-zheng, YAN Qing-pi, CHEN Qiang, ZHUANG Zhi-xia, WANG Xiao-ru (347)
- 22 Isolation and identification of bacteriosis pathogen from cultured *Fugu obscurus* with canker of skin  
..... WANG Bin, YU Lan-ping, HU Liang, LI Yan, LIU Shuang-feng, JIANG Zhi-qiang (352)
- 23 Methods for evaluating fishing effects on fish community  
..... CHENG Jia-hua, JIANG Ya-zhou (359)
- 24 Progress in the effect of *Microcystis* bloom on freshwater zooplankton rotifer and cladoceran  
..... ZHU Jin-yong, LU Kai-hong, PAN Jie-hui (367)