遗传 1997 19 (4): 22-25 ISSN: 0379-4172 CN: 11-5450/R

七种鲅亚科鱼Ag-NORs的比较研究 Comparative Studies on the Ag-NORs of Seven Fish Species in Abramidinae (Cypriniformes)

常重杰, 余其兴 CHANG Zhong-Jie, YU Qi-Xing

武汉大学生命科学学院, 武昌 430072 Life Science College,Wuhan University,Wuhan 430072

收稿日期 修回日期 网络版发布日期 接受日期

摘要 本文研究了红鳍鲅、青稍红鲅、蒙古红鲅、翘嘴红鲅、CAN条、团头鲂和长春鳊等7种鲅亚科鱼类的银染带。结果表明,在中期分裂相中各自的A g-NORs数在4-8个之间。综合分析比较国内已发表的鲤科银染资料,得出多数中国鲤科鱼类的Ag-NORs数为4位于两对sm染色体短臂端部。鲅亚科鱼在进化过程中NORs数目有增加的趋势。

Abstract:The Ag-NORs of 7 species in Abramidinae, namely Culter erythropterus, Erythroculter dabryi, E. ilishaeformis, E. mongolicus, Hemiculter leucisclus, Megalobrama amblycephala and Parabramis pekinensis were studied. The results showed that 4~8 Ag-NORs were observed in their metaphases respectively. Based on the Ag-NORs data of Cyprinid fishes published in China, we suggested that the number of Ag-NORs in major Chinese Cyprinidae is 4, locating on the short arm tips of two pairs smchromosomes. The trend of Ag-NORs number in Abramidinae fishes is towards increasing in course of evolution.

关键词 鲅亚科 Ag-NORs Key words Abramidinae Ag-NORs

分类号

Abstract

Key words

DOI:

通讯作者