

黄颡鱼染色体的C-带、Ag-NORs、荧光带和复制带显带的研究 Chromosome Studies in *Pelteobagrus fulvidraco* by C-banding, Ag-NORs, Fluorochrome Staining and Replication Banding

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摘要 采用Giemsa染色、C-带、Ag-NORs、荧光染色和复制带显带的技术对黄颡鱼染色体进行了研究。结果表明, 黄颡鱼只有部分的染色体呈现阳性C-带, 可分为三类, 其中NORs区是染色最深、染色面积最大的区域, 为深染居间C-带。其Ag-NORs位于m5q末端。CMA3染色显示 NORs区呈现出明亮的荧光。中复制染色体上着丝粒区、端粒区和居间区浅染。发现核仁缢痕、深染居间C-带、Ag-NORs、CMA3明亮区和中复制带浅染NORs区位置基本一致, C-带阳性区和中复制带浅染区具有对应性。

Abstract Metaphase chromosomes of *Pelteobagrus fulvidraco* were analyzed by means of Giemsa staining, C-banding, Ag-NORs, fluorochrome staining and replication banding. Only parts of chromosomes showed C-band positive, the C-band heterochromatin was located in three regions. The NORs-bearing chromosomes had the largest and strongest C-bands. The long arms of chromosome pair 5 were the regions showing positive labeling with Ag-staining. Fluorochrome CMA3 positively stained the NORs. In mid-period, negative replication bands were located in the centromere, the terminal and interstitial regions of the chromosomes. The distributions of secondary constrictions, positive C-bands, Ag-NORs, positive fluorescence bands and negative replication bands of mid-period were coincident.

关键词 [黄颡鱼](#) [C-带](#) [Ag-NORs](#) [荧光染色](#) [复制带](#) **Key words** [Pelteobagrus fulvidraco](#) [C-banding](#) [Ag-NORs](#) [Fluorochrome staining](#) [Replication banding](#)

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