

MicroRNA-21在肾细胞癌中高表达的研究

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摘要: 目的 本研究旨在检测MicroRNA-21(miR-21)在肾细胞癌及其相应癌旁肾实质组织中的表达, 并分析其与临床病理指标的关联。方法 应用实时荧光定量PCR技术(RT-qPCR)对miR-21在48例不同阶段肾细胞癌和癌旁组织中的相对表达量进行检测, 并分析其表达量与临床病理指标之间的关联。结果 与相应癌旁组织比较, miR-21在肾细胞癌中存在显著高表达($P < 0.05$), 平均升高倍数约13。miR-21表达水平上调与患者年龄、性别、病理类型、病理分期无关联($P > 0.05$)。结论 miR-21在肾细胞癌组织中显著高表达, 提示其可能在肾细胞癌的早期诊断、治疗、判断预后等方面具有重要意义。

关键词: 癌, 肾细胞; MicroRNA-21; 病理分期

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