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High throughput RNA sequencing utility for diagnosis and prognosis in colon diseases

Gao M *et al.* High throughput RNA Sequencing Colon Disease

Mamie Gao, Allen Zhong, Neil Patel, Anjali Garg, Chiraag Alur, Dinesh Vyas

Abstract

RNA sequencing is the use of high throughput next generation sequencing technology to survey, characterize, and quantify the transcriptome of a genome. RNA Sequencing has been used to analyze the pathogenesis of several malignancies such melanoma, lung cancer, and colorectal cancer. RNA sequencing can identify differential expression of genes (DEG's), mutated genes, fusion genes, and gene isoforms in disease states.

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