عنوان فارسی مقاله:
کاهش بیان ژن MicroRNA در سرطان سینه انسان

عنوان انگلیسی مقاله:
MicroRNA Gene Expression Deregulation in Human Breast Cancer

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل باید فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
Discussion

We have analyzed 76 breast cancer and 10 normal breast samples to identify miRNAs whose expression is significantly deregulated in cancer versus normal breast tissues. We have indeed identified 29 miRNAs whose expression is significantly deregulated (at $P < 0.05$) and a smaller set of 15 miRNAs that were able to correctly predict the nature of the sample analyzed (i.e., tumor or normal breast tissue) with 100% accuracy. These results leave few doubts that aberrant expression of miRNA is indeed involved in human breast cancer.

Among the differentially expressed miRNAs, miR-10b, miR-125b, miR145, miR-21, and miR-155 emerged as the most consistently deregulated in breast cancer. Three of them, miR-10b, miR-125b, and miR-145, were down-regulated and the remaining two, miR-21 and miR-155, were up-regulated, suggesting that they may potentially act as tumor suppressor genes or oncogenes, respectively.