



Microarray Analysis on Alzheimer's Disease

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LAP Lambert Academic Publishing Jul 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - Microarray technology is a novel technique to identify the Evaluation of differentially expressed gene. This is very useful for the statistical analysis of DNA chip using different statistical software. This work is attempted to work on microarray analysis on Alzheimer's disease and identify the differentially expressed gene and their reannotation using R and Bioconductor. R language is freely available and its latest release is Bioconductor Software. Here, R language and Bioconductor software is used for the statistical analysis of hippocampus sample of Alzheimer's disease. The data get normalized using RMA and GCRMA generated different Box plot, Nuse plot, RLE Plot and clustering analysis. Using Bioconductor different statistical test is a best proof for identify the gene expression level of gene. After annotation identify the gene which were responsible for Alzheimer's disease. The Bioconductor and R language gives basically identify the main probe which is responsible in that sample for disease and gives the final result which caused the Alzheimer's disease. 76 pp. Englisch.



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