

Analysis of Gene Expression Data

**Microarrays
RNA-Seq
SNPs e SNV
Isoforms**

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Most genes in an organism are expressed in RNA molecules, and these can be of different natures (e.g., mRNA, miRNA, lncRNA). Thus, understanding an organism's gene expression profiles is vital to explore possible molecular targets of biological and biotechnological interest. Similarly, these analyses are crucial to understanding how organisms or tissues respond to different conditions. We are experienced in analyzing gene expression data, such as microarray and RNA-seq in multiple species. In this sense, we analyze data from any microarray platform and devise tools for the analysis of expression data. Concerning RNA-seq data, we are experienced in data analysis coming from the Illumina platform.



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