

Multiplatform approach for robust gene identification

Bosotti R (1), Locatelli G (1), Healy S (1), Scacheri E (1), Calogero R (2), Isacchi A (1)

(1) Genomics Unit, Department of Biotechnology, Nerviano Medical Sciences, Nerviano (MI)

(2) Genomics and Bioinformatics Unit, Department of Clinical and Biological Sciences, Az.
Ospedaliera S. Luigi, Orbassano (TO)

Motivation

Microarrays have been widely used for the analysis of gene expression and several commercial platforms for measuring genome-wide gene expression levels are currently available. The issue of reproducibility across different platforms has yet to be fully resolved.

Results

In this paper, we describe a cross platform validation and we suggest that the identification of trustful differentially expressed genes might be improved by cross platform analysis.

Contact email: roberta.bosotti@nervianoms.com