

TraIT WP4 Microarray Demo

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From accession number to gains and losses

The demo covers how with just a few mouse clicks, an end user can retrieve a data set and perform basic analyses, such as clustering samples and identifying differences in gain/loss frequencies between sample groups.

Microarray data is stored in the Gene Expression Omnibus (GEO) database hosted by NCBI. It has been integrated with Chipster, which is an analysis workflow platform that provides a graphical user interface for R/Bioconductor tools, combined with visual, re-usable workflows and history tracking. It has been installed at Philips Research.

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Frequency Plot with FDR

