

# oneChannelGUI Package: What is new

Raffaele A Calogero, Francesca Cordero, Remo Sanges

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## 1 oneChannelGUI Reference

*oneChannelGUI: a graphical interface to Bioconductor tools, designed for life scientists who are not familiar with R language.*

*Sanges R, Cordero F, Calogero RA.*

*Bioinformatics. 2007 Dec 15;23, 24, 3406-8.*

## 2 Updates

### 2.1 1.8.8

Bioconductor BeadStudio V3: report generated by BeadStudio V3 can be loaded in oneChannelGUI. BeadStudio V3 report MUST be a SAMPLE PROBE PROFILE containing at least

*AVG\_Signal*

### 2.2 1.8.9

Fast parameter in GCRMA is set to FALSE.

### 2.3 1.10.7

Revised annotation for variant exons has been added. After statistical detection of putative splicing. It is now possible to select only exon-level probesets associated to non-constitutive exons, i.e. those exons associated only to a subset of isoforms.

## **2.4 1.10.8**

Added Cosie method to correct SI index: Gaidatzis et al. Nucleic Acids Research, 2009, pg. 1. Since intcor function from metaArray package has a bug it was substituted by intCor from MergeMaid package. Alternative splicing events can be visualized on the UCSC Genome Browser via rtracklayer.

## **2.5 1.10.9**

Starting from the work of Shah and Pallas work BMC Bioinformatics. 2009 Jan 20;10:26. Limma routines available for gene-level analysis were implemented at exon-level to detect alternative splicing events.