## iClusterPlus: integrative clustering of multiple genomic data sets

Qianxing Mo<sup>1</sup> and Ronglai Shen<sup>2</sup>
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<sup>1</sup>Division of Biostatistics Dan L. Duncan Cancer Center Baylor College of Medicine qmo@bcm.edu

<sup>2</sup>Department of Epidemiology and Biostatistics Memorial Sloan-Kettering Cancer Center shenr@mskcc.org

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Programs iClusterPlus and iClusterBayes are developed for integrative clustering analysis of multi-type genomic data, which are significant extension of the iCluster program (Shen, Olshen and Ladanyi, 2009). Multi-type genomic data arise from the experiments where biological samples (e.g., tumor samples) are analyzed by multiple techniques, for instance, array comparative genomic hybridization (aCGH), gene expression microarray, RNA-seq and DNA-seq, and so on. Examples of these data can be obtained from the Cancer Genome Atlas (TCGA) (http://cancergenome.nih.gov/).

The iClusterPlus User's guide can be obtained from the Bioconductor web page. If you are using Unix/Linux, you can get the manual by typing the following code in R Console.

- > source("http://bioconductor.org/biocLite.R")
- > biocLite("iClusterPlus")
- > library(iClusterPlus)
- > iManual()

In addition, a simulation was performed to test the package. For details, please see the R code in the iClusterPlus/inst/unitTests/ folder.