

*HTS*Cluster package instructions

Andrea Rau¹, Cathy Maugis-Rabusseau,
Marie-Laure Martin-Magniette, and Gilles Celeux

¹`andrea.rau@jouy.inra.fr`

*HTS*Cluster version 2.0.5

*HTS*Cluster is a package to perform co-expression analyses of RNA-seq data. The package implements a novel statistical method based on a Poisson mixture model, performs parameter estimation using an expectation-maximization algorithm, and performs model selection using the slope heuristics approach.

The full User's Guide for *HTS*Cluster may be found by installing the *HTS*Cluster package and loading it into an R session via `library(HTScluster)`. In R for Windows, the User's Guide is then available from the drop-down menu called "Vignettes". In other operating systems, type

```
> library(HTScluster)
> HTSclusterUsersGuide()
```

at the R prompt to open the User's Guide in a pdf viewer.