

Detection of de novo copy number alterations in case-parent trios using the R package **MinimumDistance**

Moiz Bootwalla and Rob Scharpf

August 8, 2011

Abstract

This vignette describes the

1 Preprocessing

2 Detection of de novo copy number

2.1 Segmentation

2.2 Posterior probabilities of trio copy number states

2.3 Visualizations

3 Session information

R> toLatex(sessionInfo())

- R version 2.14.0 Under development (unstable) (2011-04-14 r55450), x86_64-apple-darwin10.7.3
- Locale: en_US.UTF-8/en_US.UTF-8/C/C/en_US.UTF-8/en_US.UTF-8
- Base packages: base, datasets, graphics, grDevices, methods, stats, utils
- Other packages: mvtnorm 0.9-96
- Loaded via a namespace (and not attached): tools 2.14.0