Reviewer’s report

Title: An R Package Implementation of Multifactor Dimensionality Reduction

Version: 1 Date: 15 June 2011

Reviewer: Jason Moore

Reviewer’s report:

This is a well-written paper that describes an R package for performing an MDR gene-gene interaction analysis. The paper is clearly presented and the software makes an important contribution. The following are a few minor comments to help improve the paper.

1) There was an R package for MDR called RMDR. However, it looks like it was removed from CRAN. You might confirm whether this package is still active and, if so, mention it.

2) You might want to provide some benchmarks for computational time.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests