

Reviewer's report

Title: Multifactor Dimensionality Reduction Analysis identifies specific nucleotide patterns promoting genetic polymorphisms

Version: 2 Date: 2 November 2008

Reviewer: Brett McKinney

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The statement $p \ll .001$, which is quoted a couple times, should be replaced with $p < .001$. "Much less than" has a much different meaning than "less than."

Figure 2 still uses the 1-20 coordinate system.

Motif is still used generously in the manuscript, in a way that I think will confuse readers who are familiar with the standard bioinformatics definition.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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

Declaration of competing interests:

I have no competing interests.