Reviewer's report

Title: New Jersey Center for Tourette Syndrome Sharing Repository: Methods and Sample Description

Version: 1 Date: 23 October 2008

Reviewer: Pieter J Hoekstra

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The establishment of a TS sharing repository is a much needed initiative. In general, the paper is straightforward and I have only a few minor specific comments (minor essential revisions).

1. The term “uneven neuropsychological profile” is somewhat vague. Authors may want to be more specific.

2. The “need for large replication samples”, while true cannot be an explanation for the failure to identify replicable susceptibility alleles.

3. Chronic Tics is not an associated disorder; would use DSM IV terms here, when referring to disorders.

4. I suspect HIPAA refers to Health Insurance Portability and Accountability Act? This should be written out.

1. "Why only recruit strict TS (P4; how can that be known in the stage of recruitment?) and not also other tic disorders? Related to this: it is somewhat confusing that the presence of any tic disorder is being assessed (P5). When TS turns out not be present, but CMT is present, would patients be excluded from the repository? Or not?"

2. Please specify what is being meant by an atypical presentation?

3. It is important to state on which diagnostic assessments PDD/ASD diagnoses are being based. Use of ADI/ADOS?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I might also in the future provide samples to the repository.