Reviewer's report

Title: STAT6 expression in glioblastoma promotes invasive growth

Version: 2 Date: 11 March 2011

Reviewer: Julie Carrier

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Discretionary revisions
I read the revised manuscript and as suggested, expression microarrays have been performed and the most significantly modulated genes listed in Tables 2 and 3. Authors answers at my satisfaction to every point raised.

As a suggestion, I would change the order of some analysis. Indeed, in the abstract, methods and result sections, the now added microarray analysis from shRNA treated cells could logically be presented following proliferation and invasion assays, instead of after results from the Rembrandt data base. This is the order followed in the discussion section and would be easier to read.

In page 22, line 'STAT6 knockdown clones of U-87MG and U-1242MG cells, respectively (Tables 2 and 4).’ Tables 2 and 3 should be indicated.

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 declare that I have no competing interests