Reviewer’s report

Title: Effect of genetic ancestry on leukocyte global DNA methylation in cancer patients

Version: 2 Date: 12 January 2015

Reviewer: William Coleman

Reviewer’s report:

This is a well written manuscript that describes an interesting study that will be of interest to investigators in the fields of cancer biology and epigenetics. The authors have used excellent methods and a sound experimental design. The results are interesting and nicely described. The figure and tables are clear and useful.

Minor Comments:
1. "deoxiadenina" should be modified to deoxyadenosine (line 171)
2. The source of materials is generally given, but the location of manufacturers is only given sporadically and without consistency.
3. The discussion is well written, but contains a few paragraphs that are very short (like one sentence) and could be combined for an overall better structure without compromise of the informational content.
4. Does Table 1 report SD or SEM for methylation values?

Level of interest: An article of outstanding merit and interest 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 have no competing interests