Author's response to reviews

Title: Facile whole mitochondrial genome resequencing from nipple aspirate fluid using MitoChip v2.0

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Dear Editor,

Please consider the enclosed manuscript entitled "Facile whole mitochondrial genome resequencing from nipple aspirate fluid using MitoChip v2.0" for consideration for publication in Breast Cancer Research. Here we demonstrate that sequencing the entire mitochondrial genome from nipple aspirate fluid that has limited cellular content is feasible. The high-throughput microarray resequencing data was compared to the gold standard of capillary electrophoresis sequencing, with 99.999% identity, indicating this is a rapid, reliable and inexpensive technology of gathering mitochondrial genome information. We also show that the mutation rate among symptomatic women with benign breast diseases was high compared to the general population. These findings are of interest in view of the potential for using this method in breast cancer screening programs.

We suggest the following reviewers:

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Sincerely,

Gabriel D. Dakubo