Information about the contributions of each person named as having participated in the study

According to the International Committee of Medical Journal Editors (ICMJE) ([http://www.icmje.org/ethical_1author.html](http://www.icmje.org/ethical_1author.html)): “Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3 ………………….. Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship”.

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2) Authors who participated in the conception of the study:

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3) **Design & Methods.** The following authors were responsible for specific investigations

Ashaunta Tumblin, Anthony F. Suffredini and Gregory J. Kato designed the study.

Ashaunta Tumblin, A. Kyle Mack, and Laurel Mendelsohn collected specimens.

Ashaunta Tumblin and Gerard T. Hoehn carried out the SELDI-TOF MS analysis under the supervision of Anthony F. Suffredini

Ashaunta Tumblin and Xiuli Xu carried out proteomics statistical analysis under the supervision of Peter J. Munson

Anitaben Tailor and Lita Freeman carried out validation assays under the supervision of Alan T. Remaley, with statistical supervision of Gregory J. Kato

Ashaunta Tumblin, Anitaben Tailor, and Gregory J. Kato wrote the manuscript.

4) **Results.** The following authors were responsible for specific portions of the results, including figures and tables

Table 1 - Ashaunta Tumblin, Anitaben Tailor, Lita Freeman, Gregory J. Kato

Figure 1,2,3 - Ashaunta Tumblin, Anitaben Tailo, Gregory J. Kato
5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:

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