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- 1) Guarantor(s)**, i.e., person(s) who is (are) responsible for the integrity of the work as a whole:
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- 2) Authors who participated in the **conception of the study**: Xingmin Feng, Phillip Scheinberg, Neal S. Young.

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

- X. Feng designed the research, performed Luminex experiments.
- C.O. Wu performed statistical analysis and revised the manuscript.
- L. Samsel and J.P. McCoy performed the Luminex experiments and analyzed data.
- O. Nunez, C. Prince, R.D. Ganetzky were involved in the handling and collection of samples and provided clinical data.
- J.P. Maciejewski provided patient samples and MDS clinical data, and revised the manuscript.

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

- Xingmin Feng was responsible for Figure 1 and Figure 2.
- Phillip Scheinberg was responsible for Figure 3 and supplementary Table S1.

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:

- Xingmin Feng, Phillip Scheinberg, Neal S. Young.

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