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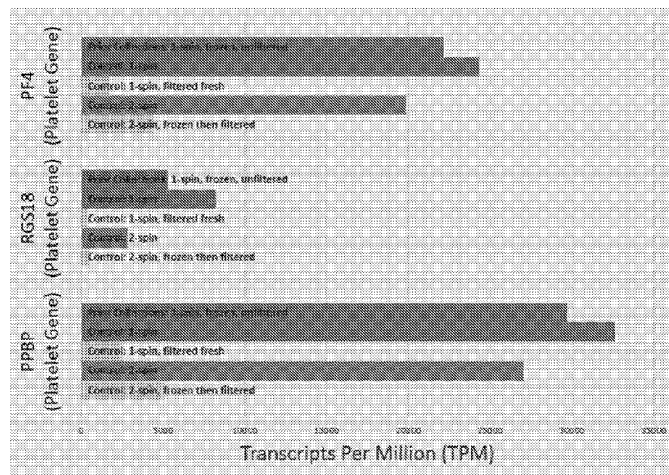


FIG. 1

(57) Abstract: Provided herein are methods and systems for detecting tissue conditions. In some aspects, levels of one or more markers of a disease or condition and one or more tissue-specific cell-free polynucleotides are quantified, levels are compared to a reference, and it is determined whether the tissue has been damaged by the disease or condition based on the comparing. Systems for performing the methods described herein are also provided.

[Continued on next page]

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