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(54) **Title:** METHODS AND SYSTEMS FOR MONITORING ORGAN HEALTH AND DISEASE

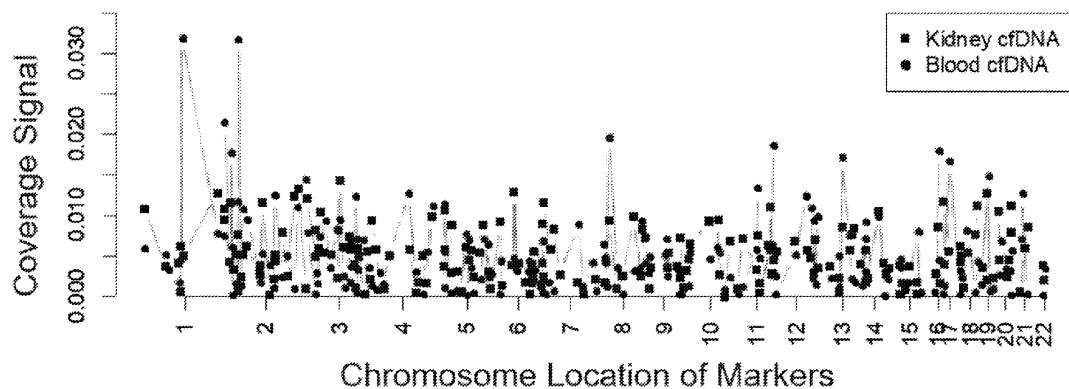


FIG. 1

(57) **Abstract:** Methods, compositions, and systems are provided for monitoring tissue and organ health. The methods, compositions, and systems provided herein extract locus specific copy number signals from cell free DNA (cfDNA) samples to identify tissue-specific cfDNA copy number profiles and enable quantification of tissue fractions in the cfDNA samples.



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