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(54) Title: NUCLEIC ACID SAMPLE PREPARATION METHODS AND COMPOSITIONS

(57) Abstract: Compositions and methods for preparing a nucleic acid library in a multi-purpose buffer (e.g., employing whole genome amplification), where nucleic acid purification is not required between or during steps, are disclosed. Small amounts of starting nucleic acid (e.g., genomic DNA) are employed and the steps are accomplished in a single container. The nucleic acid library may be subjected to sequencing methodologies or rolling circle amplification.