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(54) Title: NUCLEIC ACID LIBRARY SEQUENCING TECHNIQUES WITH ADAPTER DIMER DETECTION

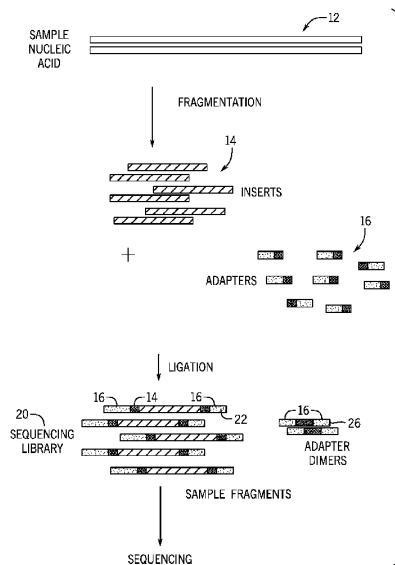


FIG. 1

(57) Abstract: A library sequencing technique with library quality control metrics is described. Sequence data using a sequencing primer that is complementary to a common adapter sequence in fragments of a nucleic acid sequencing library. The sequencing primer excludes a 3' terminal nucleotide of the common adapter sequence at a junction with a fragment insert. This exclusion avoids a mismatch region in any adapter dimers present in the sequencing library, and the sequence data includes adapter dimer sequence data, which is used to generate the quality control metrics.

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