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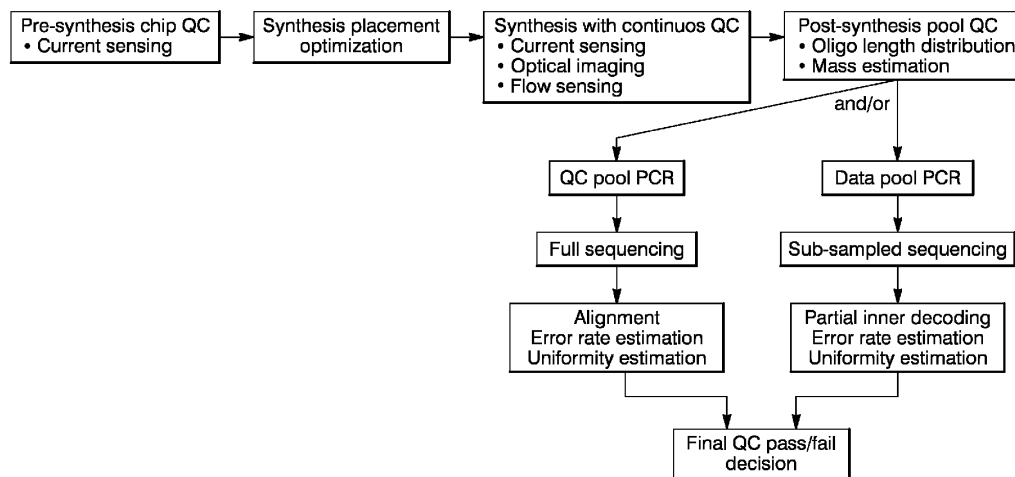


FIG. 1

(57) **Abstract:** Described herein are systems and methods for quality control of polynucleotides. The provided systems and methods for quality control are performed before, during, or after synthesis or storage of the polynucleotides. Further provided herein are system and methods for performing quality control of a surface, for example for synthesis or storage of polynucleotides.

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