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(71) Applicant: **ACCURAGEN HOLDINGS LIMITED**; P.O. Box 472, Harbour Place, 2nd Floor, 103 South Church Street, George Town, KY1-1106 Grand Cayman (KY).

(72) Inventors: **WENG, Li**; 33991 Shylock Drive, Fremont, CA 94555 (US). **LIN, Shengrong**; 34568 Willbridge Terrace, Fremont, CA 94555 (US). **TANG, Ling, Fung**; 2924 19th Avenue, San Francisco, CA 94132 (US).

(74) Agents: **LAM, Amy** et al.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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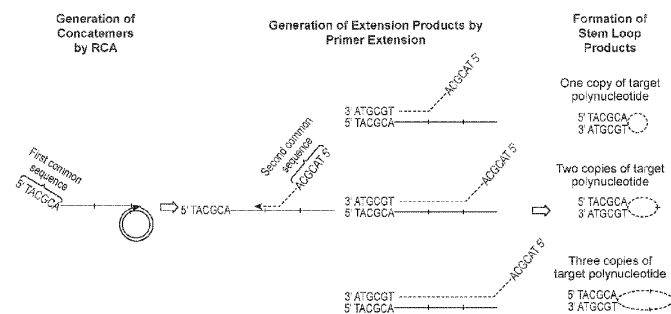


FIG. 1

(57) Abstract: In some aspects, the present disclosure provides methods for enriching amplicons, or amplification products, comprising a concatemer of at least two or more copies of a target polynucleotide. In some embodiments, a method comprises sequencing the amplicons comprising at least two or more copies of a target polynucleotide. In some embodiments, the target polynucleotides comprise sequences resulting from chromosome rearrangement, including but not limited to point mutations, single nucleotide polymorphisms, insertions, deletions, and translocations including fusion genes. In some aspects, the present disclosure provides compositions and reaction mixtures useful in the described methods.

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