

Title (en)

CIRCULAR EXTENSION FOR GENERATING MULTIPLE NUCLEIC ACID COMPLEMENTS

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EP 0542874 A4 19940511 (EN)

Application

EP 91915255 A 19910717

Priority

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Abstract (en)

[origin: WO9201813A1] A process for generating multiple linear complements of a single strand, circular nucleic acid template containing at least one cleavage site is described. The process consists of combining the single strand, circular nucleic acid template with polynucleotide primers under conditions sufficient for hybridization; extending the polynucleotide primer more than once around the circle to generate a complementary displacement of more than one contiguous complement of the single strand, circular nucleic acid template. Also described is a process of synthesizing novel single strand, circular nucleic acids between 30 and 2200 nucleotides. The process consists of synthesizing a linear polynucleotide; combining the linear polynucleotide with a complementary linking oligonucleotide under conditions sufficient for hybridization; and ligating the linear polynucleotide to produce a single strand, circular nucleic acid.

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C12Q 1/68

IPC 8 full level

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Citation (search report)

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- See references of WO 9201813A1

Designated contracting state (EPC)

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