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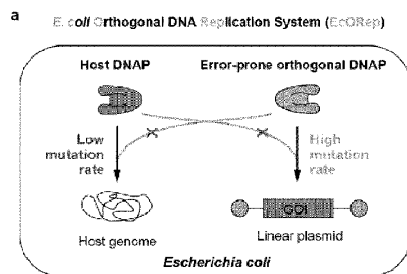


Figure 1

(57) **Abstract:** The invention relates to cells comprising orthogonal DNA replication machinery, linear plasmids that may be replicated by said machinery, uses of said cells and said linear plasmids, methods of maintaining linear plasmids in cells, methods of evolving sequences of interest, and methods of making polypeptides or nucleic acids. The invention also relates to error-prone DNA polymerases, nucleic acids encoding said polymerases, and uses thereof.

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