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Figure 1: Thermostability of Pfu and Vent DNA Polymerases at 95°C.

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* Patents Pending

** Vent™ is a trademark of New England Biolabs

Figure 2: Polymerase fidelity was measured by modification of an assay described by Kohler et al. (1991) Proc. Natl. Acad. Sci. USA, in press. Error rates reflect mutations per nucleotide incurred in the lacI gene during DNA synthesis. Vent is derived from Thermococcus litoralis and was obtained from New England Biolabs. Pfu is derived from Pyrococcus furiosus and is sold by Stratagene. Taq polymerase is derived from Thermus aquaticus and was obtained from Cetus Perkin Elmer.

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*Polymerase Chain Reaction (PCR) technology is described in U.S. Patents 4,683,195; 4,683,202 and 4,966,188 issued to Cetus Corporation.

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<th>(0.25 μg, M.W. 18,367)</th>
<th>(0.3 μg, M.W. 69,000)</th>
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Recombinant DNA and PCR Methods for Diagnosis of Microbial and Neoplastic Disease
June 8-12, 1992

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