



DNA-Polymerase
(z. B. taq: von *Thermus aquaticus*)



Primer 1

dATP

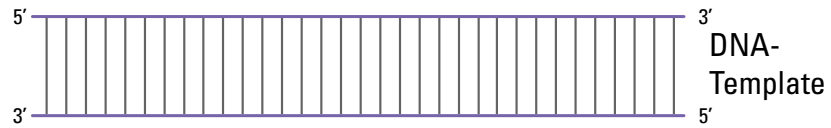
dGTP



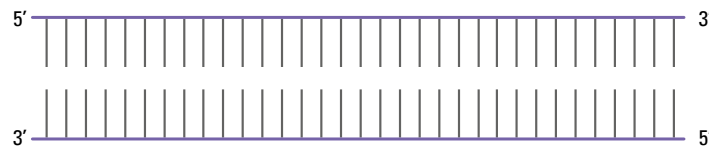
Primer 2

dCTP

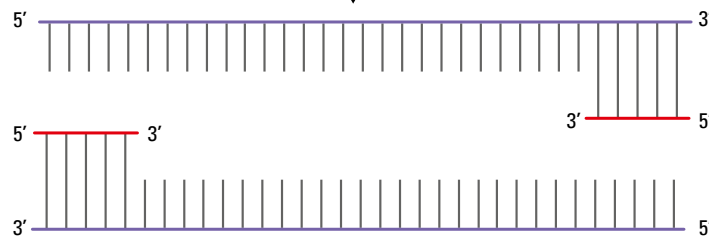
dTTP



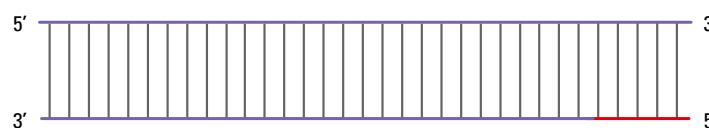
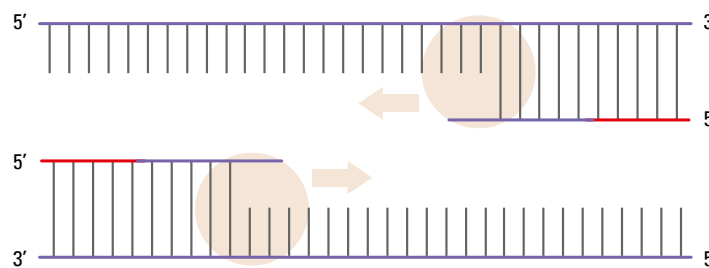
① Denaturierung bei 95 °C



② Annealing bei 55 °C



③ Elongation bei 72 °C



x-mal

20 – 30 Zyklen