

Denaturation &
Primer annealing

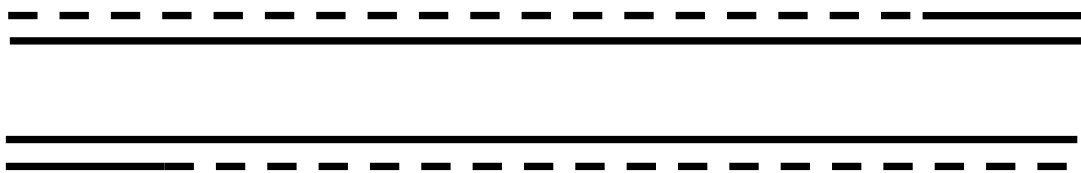
Blocked primers are inactive



RNase H2 cleavage



DNA polymerase extends
newly unblocked primers



KEY:

R

RNA base



Blocked-cleavable primers



Unblocked (activated) primers



Cleavage fragment with 5' phos