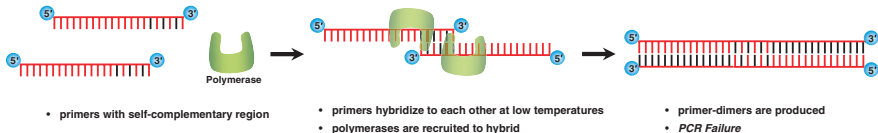


PCR Reaction Preparation without Hot Start



PCR Reaction Preparation with USB Hot Start Method

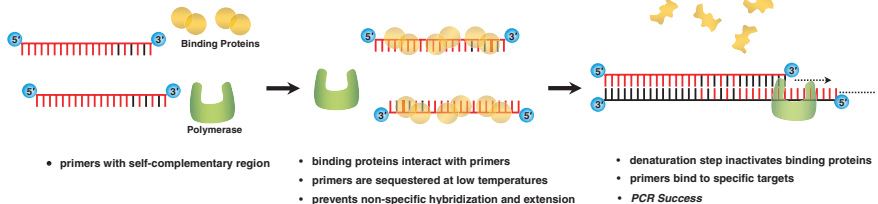


Fig. 1. HotStart-IT® method. Top Panel: Non-specific products can be generated at low temperatures which causes PCR reaction failure. Bottom Panel: HotStart-IT® binding protein blocks non-specific product formation at low temperatures which results in successful PCR reactions.