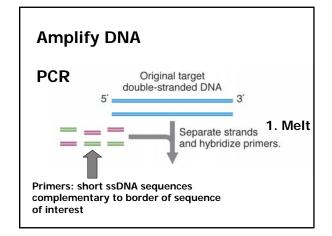
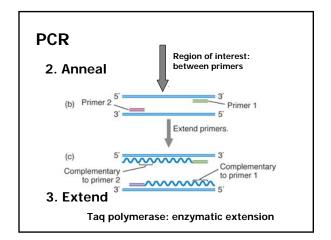
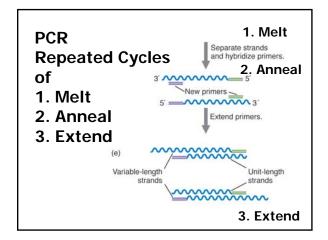
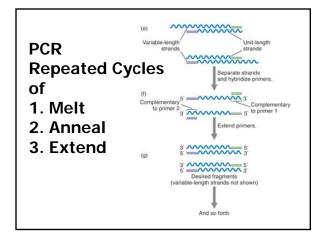
Amplify DNA PCR

- In vitro amplification (in a test tube)
- Enzymatic: Taq polymerase
 - Temperature-resistant DNA polymerase
 - Thermus aquaticus
 - · Heat resistant
 - Best for <2 kb target









PCR primer design:

- Permits Exponential increase in product
- Requires knowledge of some sequence information
- Gives high specificity and sensitivity
- Allows amplification from limited starting material

