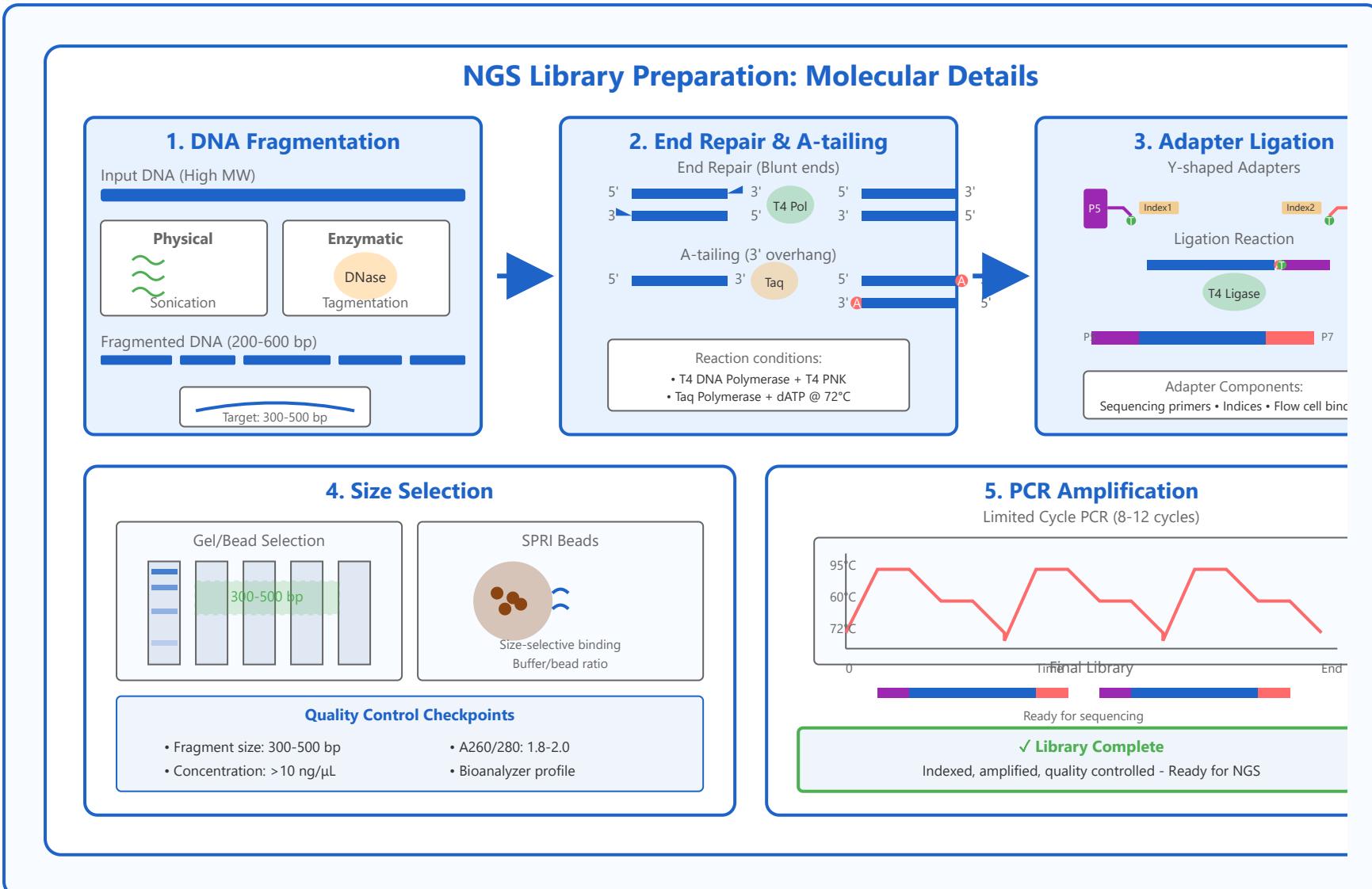


Library Preparation



Critical Factors

Library Types

- Input DNA quality and quantity
 - Fragment size distribution
 - Adapter ligation efficiency
 - Minimal PCR cycles to avoid bias
- Whole genome libraries
 - PCR-free libraries (reduce bias)
 - Mate-pair libraries (long-range)
 - Targeted capture libraries