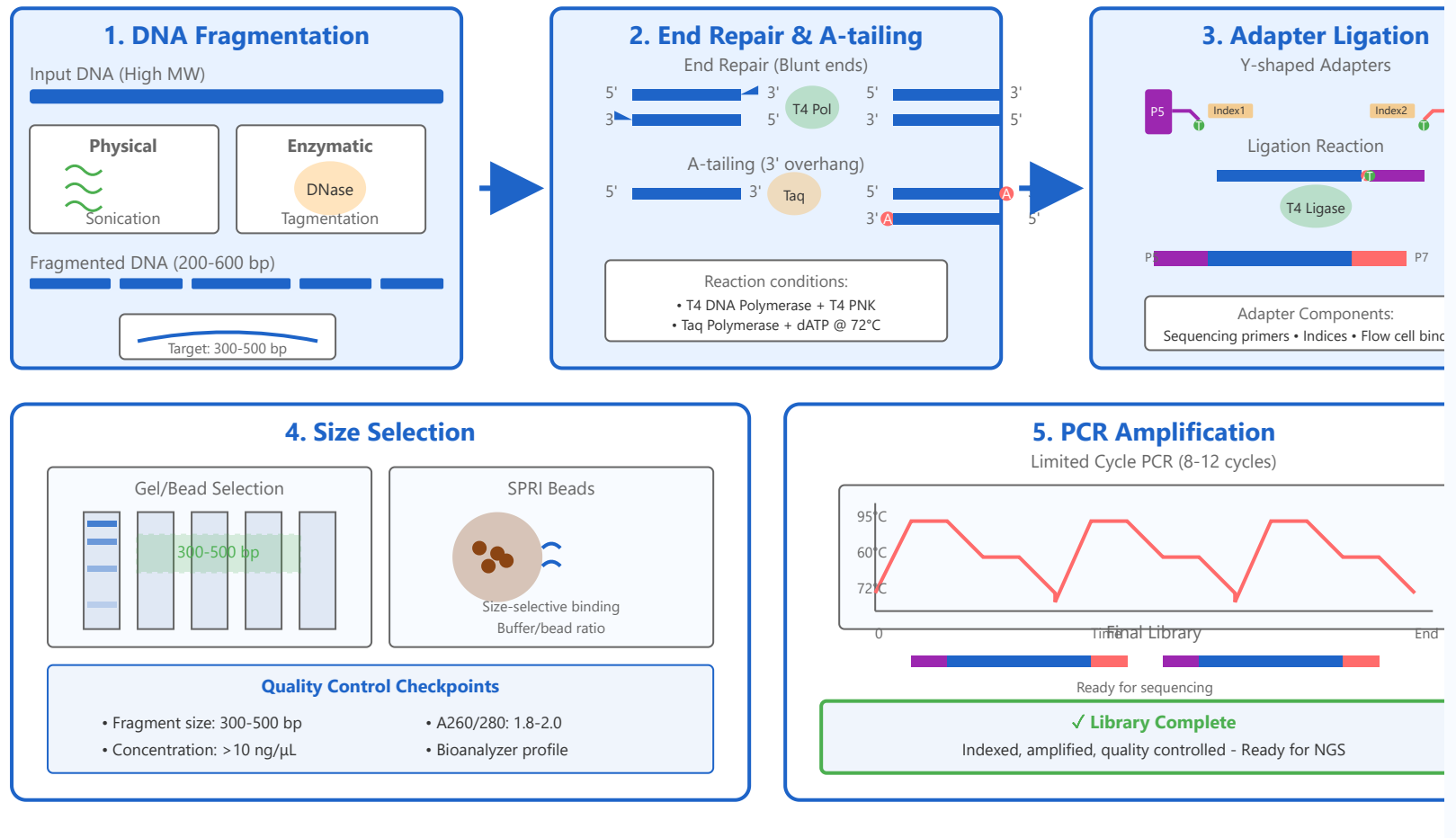


Library Preparation

NGS Library Preparation: Molecular Details



- 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