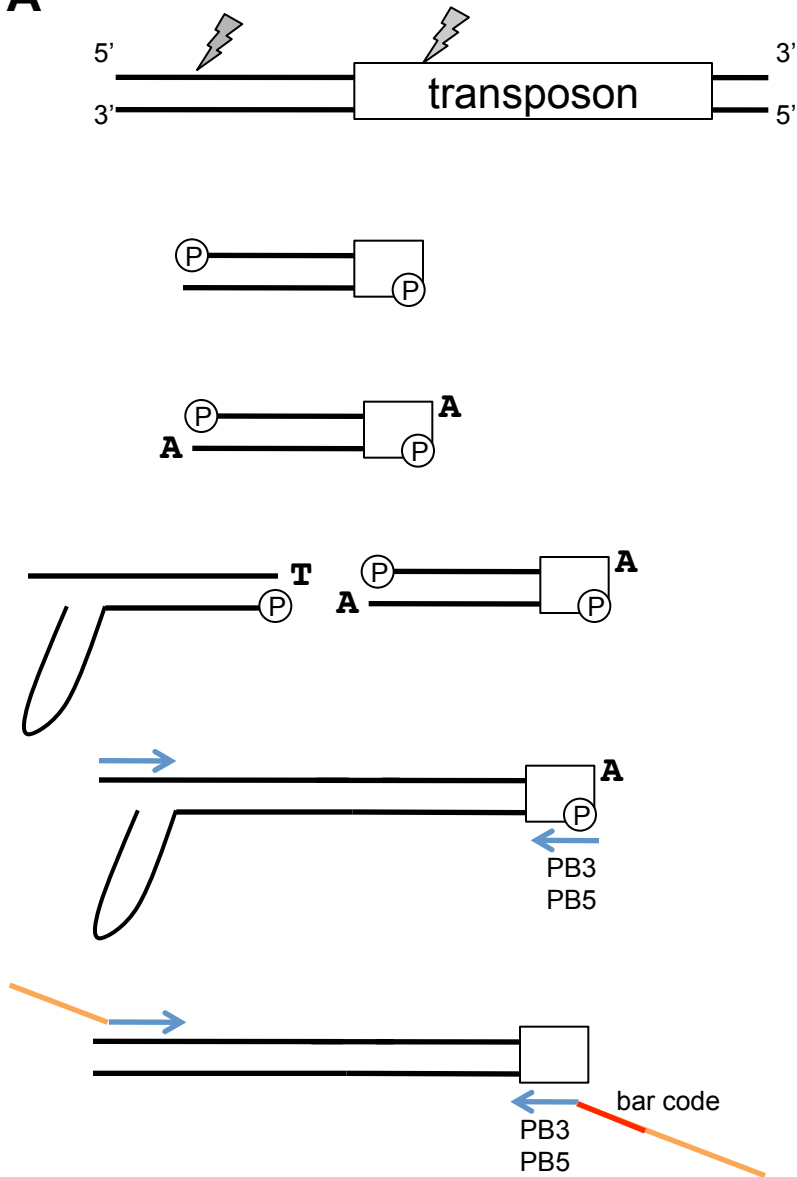


**A**

1. Random fragmentation by acoustic shearing

2. End repair with Klenow and T4 DNA Polymerase, and 5' phosphorylation with PNK

3. 3' A-tailing with Taq polymerase

4. Ligation of Splinkerette linker (3' T overhang and 5'-phosphate)

5. PCR with Splinkerette primer and transposon primer (PB3 or PB5 side)

6. Nested PCR with primers containing Illumina adapters and barcode (BC01 – BC17)

**B**