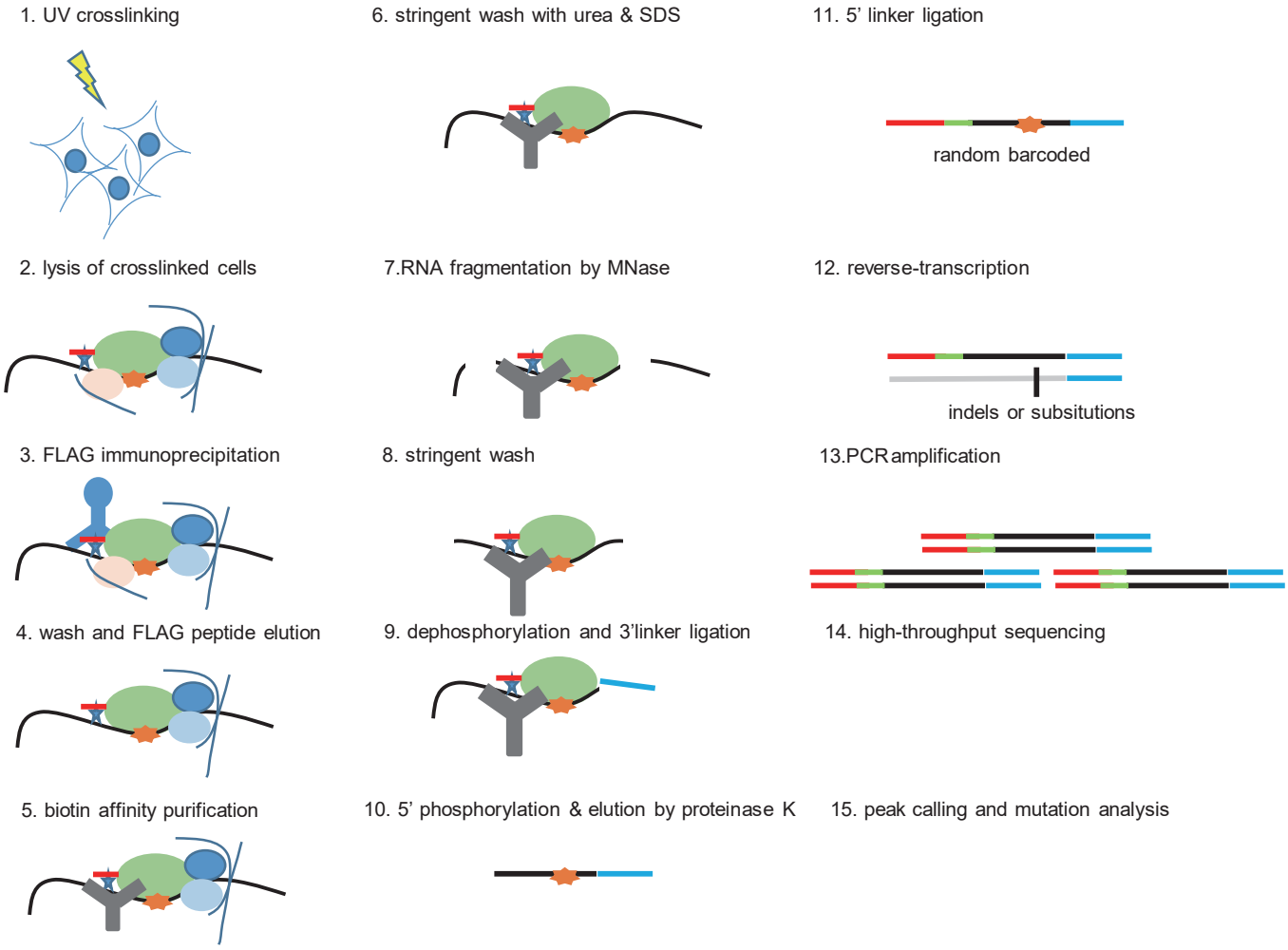
Figure 1


1. UV crosslinking
2. lysis of crosslinked cells
3. FLAG immunoprecipitation
4. wash and FLAG peptide elution
5. biotin affinity purification
6. stringent wash with urea & SDS
7.RNA fragmentation by MNase
8. stringent wash
9. dephosphorylation and 3'linker ligation
10. 5' phosphorylation & elution by proteinase K
11. 5' linker ligation
random barcoded
12. reverse-transcription
indels or subsitutions
13.PCR amplification
14. high-throughput sequencing
15. peak calling and mutation analysis