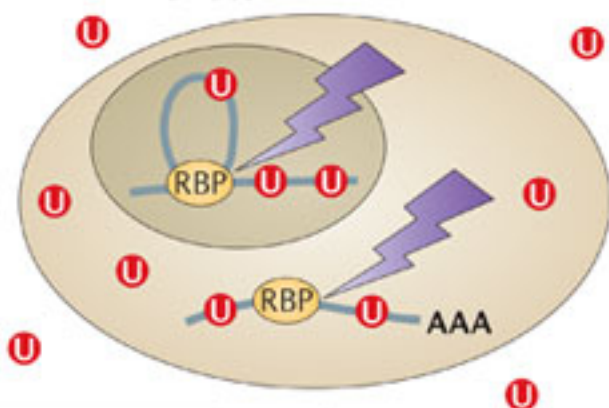


PAR-CLIP

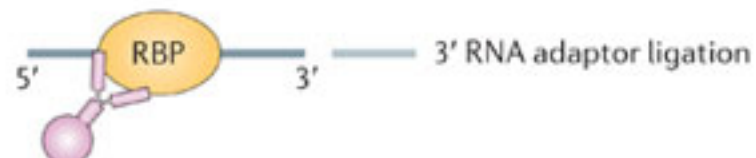
UV 365 nm



U 4-thiouridine

Lysis

Immunoprecipitation of crosslinked protein-RNA complexes



Proteinase K leaves polypeptide (▲) at the crosslink nucleotide

5' RNA adaptor ligation



Reverse transcription

Deletion or mutation



or

Read-through



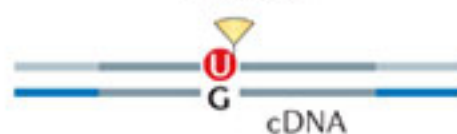
PCR

High-throughput sequencing



Reverse transcription

Transition



or

Read-through



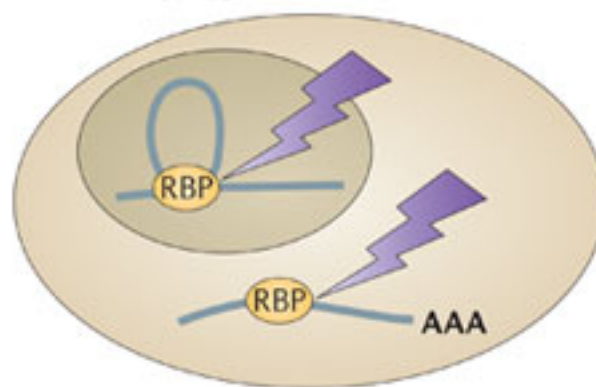
PCR

High-throughput sequencing



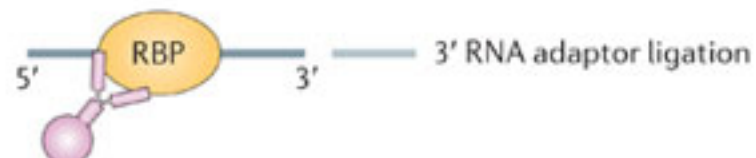
HITS-CLIP

UV 254 nm



Lysis

Immunoprecipitation of crosslinked protein-RNA complexes



Proteinase K leaves polypeptide (▲) at the crosslink nucleotide

5' RNA adaptor ligation



Reverse transcription

Deletion or mutation



or

Read-through



PCR

High-throughput sequencing

