PARs, such as 4SU = Cross-link

AAAAA
TTTTTTT

oligo d(T) beads

Input No X-link X-link

Quantitative mass spectrometry

Lysis and oligo d(T) capture

oligo d(T) beads

Proteinase K

SDS-PAGE analysis

Release of proteins

(a) Release of proteins

(b) Release of RNAs

Photoactivable ribonucleoside-enhanced cross-linking method [2,3]

PAR-CLIP Tag

T→C mapping of X-link sites

Conventional UV cross-linking method [2]

UV 254 nM

UV 365 nM

Genome