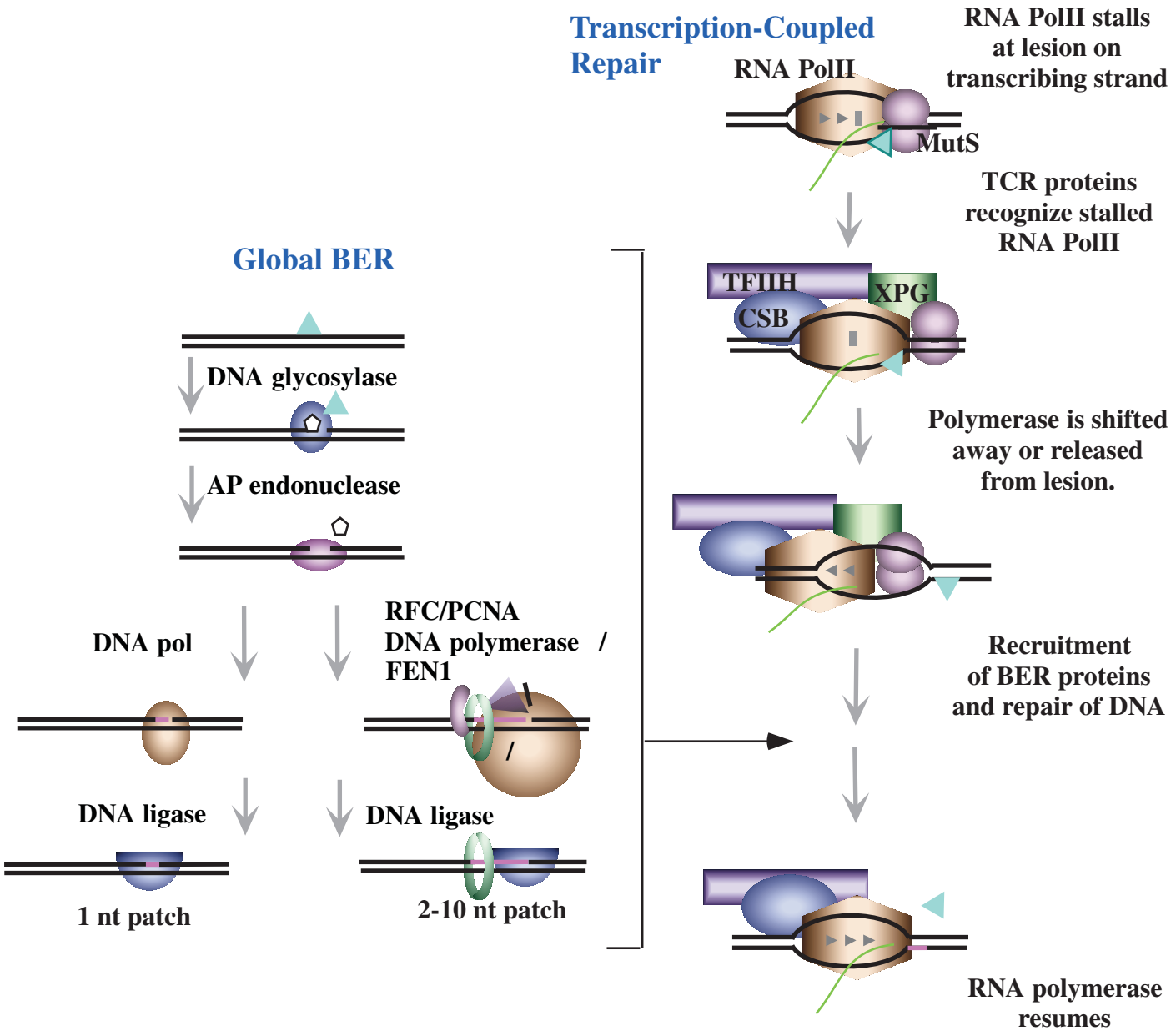
Transcription-Coupled Repair
RNA PolII
RNA PolII stalls at lesion on transcribing strand
MutS
TCR proteins recognize stalled RNA PolII
TFIIH
XPG
CSB
Polymerase is shifted away or released from lesion.
Recruitment of BER proteins and repair of DNA
RNA polymerase resumes
Global BER
DNA glycosylase
AP endonuclease
DNA pol
RFC/PCNA
DNA polymerase /
FEN1
DNA ligase
DNA ligase
1 nt patch
2-10 nt patch