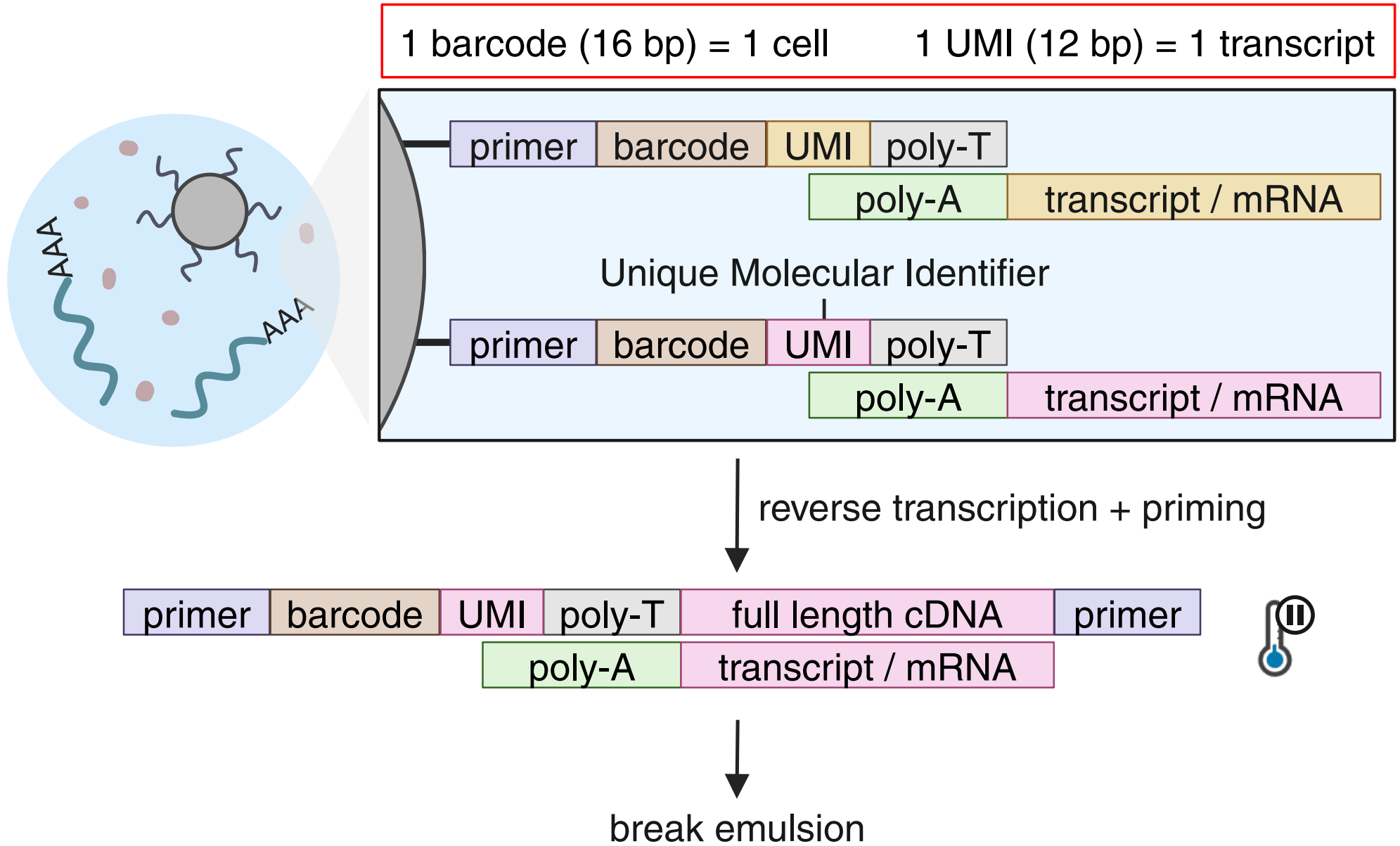
1 barcode (16 bp) = 1 cell
1 UMI (12 bp) = 1 transcript
AAA
AAA
primer
barcode
UMI
poly-T
poly-A
transcript / mRNA
Unique Molecular Identifier
primer
barcode
UMI
poly-T
poly-A
transcript / mRNA
reverse transcription + priming
primer
barcode
UMI
poly-T
full length cDNA
primer
poly-A
transcript / mRNA
break emulsion