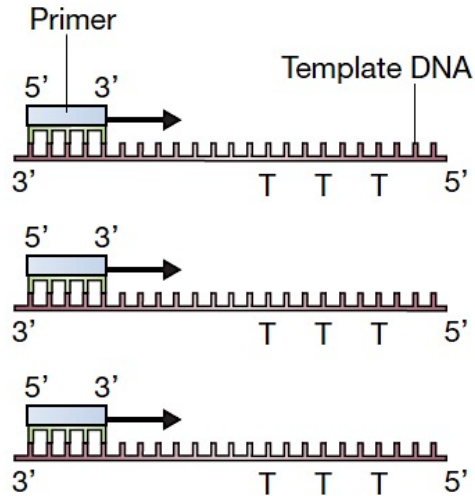
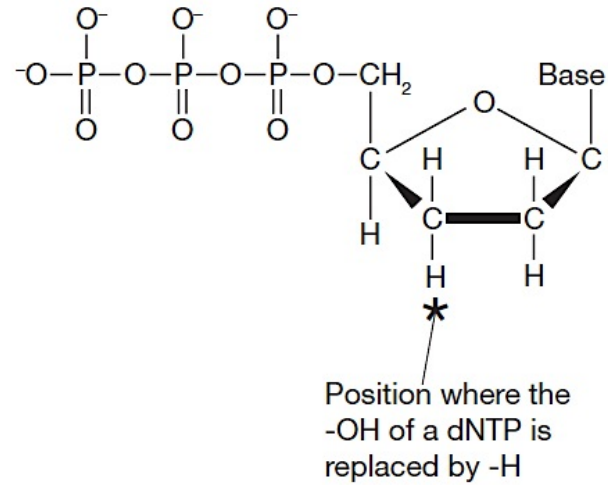


- Sanger methods

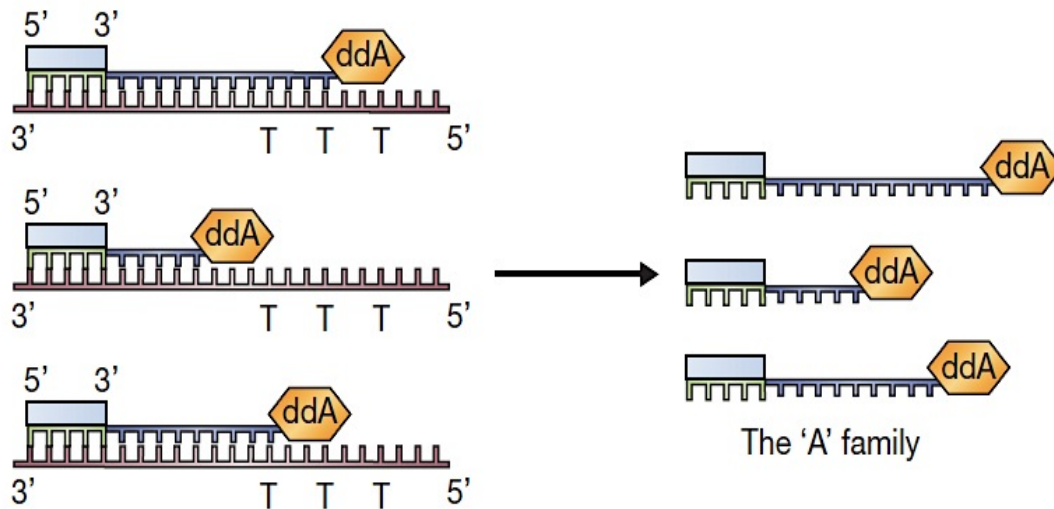
(a) Initiation of strand synthesis



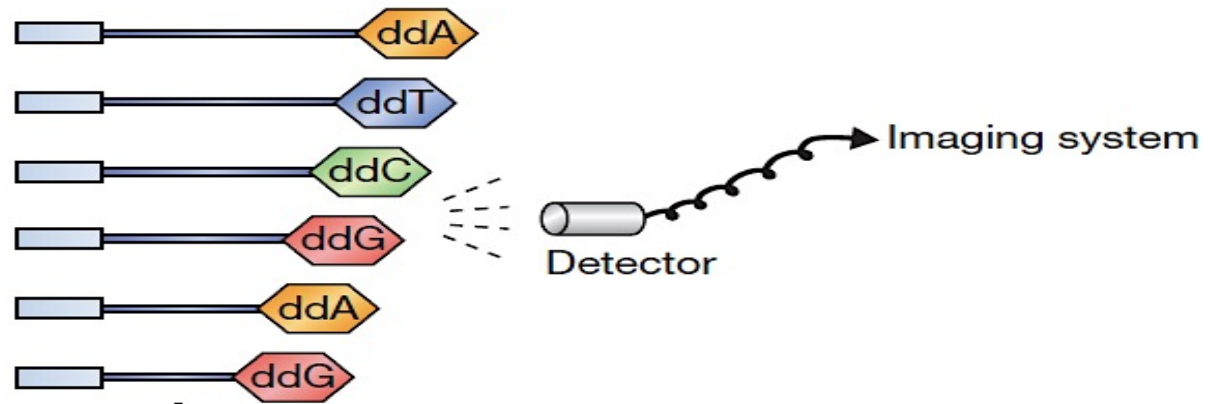
(b) A dideoxynucleotide



(c) Strand synthesis terminates when a ddNTP is added



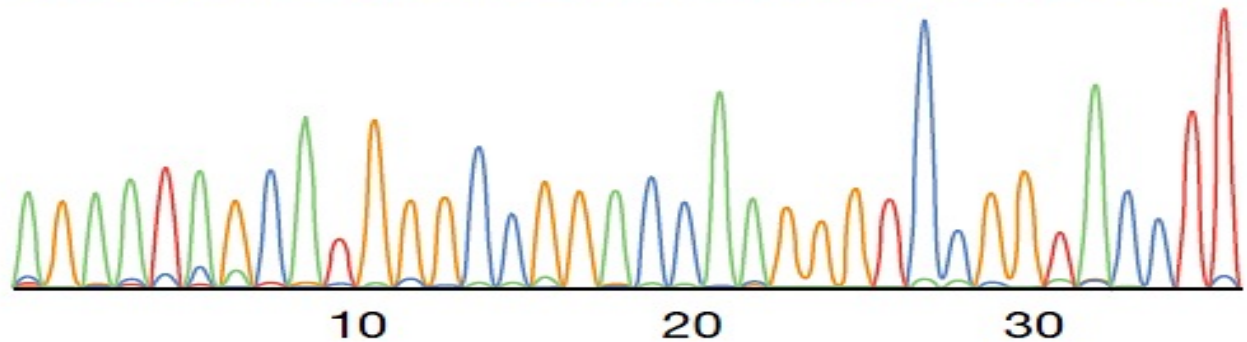
(a) Detection of chain-terminated polynucleotides

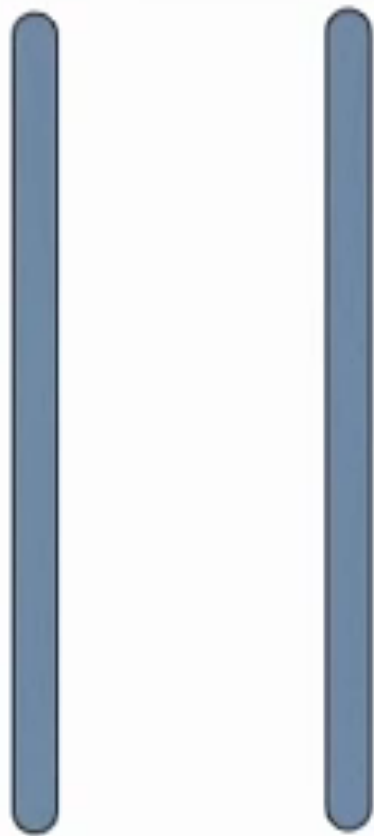


Polynucleotides move past the detector

(b) The print out from an automated sequencer

CACCGCATCGAAATTAACTTCCAAAGTTAAGCTTGG







-Polymerase chain reaction (PCR)

