CONCEPT: DNA SEQUENCING

- DNA polymerase requires a RNA primer, template, and deoxynucleotide triphosphates to synthesize DNA
 - \Box Primer_n + dNTP => Primer_{n+1} + PP + H⁺
- Dideoxy DNA sequencing an early sequencing method that relied of the use of dideoxynucleotide triphosphates

• ddNTPs terminate elongation of the strand because there is no available 3' -OH group to continue the polymerization.

