

Difference between transcription & replication:

Transcription

- i) Part of DNA: gene is unwind
- ii) one strand acts as a template
- iii) A pairs with U
- iv) RNA polymerase ~~acts~~ controls the process.

Replication

- i) All of the DNA is unwind
- ii) Both strands act as a template
- iii) A pairs with T
- iv) DNA polymerase ~~er~~: controls process.

Difference between DNA & Poly peptide chains:

DNA

- i) Monomers are nucleotides
- ii) Only four different nucleotides
- iii) Made of two strands
- iv) They ~~are~~ are ~~made~~ linked by phosphodiester bonds
- v) They maintain their ~~3D~~ shape by hydrogen bonds

Poly peptide chains

- i) Monomers are amino acids
- ii) Has twenty different amino acids
- iii) One strand
- iv) They are linked by peptide bonds
- v) They maintain 3D shape by hydrogen, ionic, sulfur disulfide bonds and hydrophobic interactions

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