

CORRECTION TEAM

# Genetics Sheet Corrections

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Midterm Material

CORRECTION TEAM

**3/17/2016**

❖ Sheet 3:

MST2 instead of MST1

❖ Sheet 5:

Page 6 Maktoob there are 3 subunits in DNA polymerase III (alpha, beta, epsilon) to make it more specific, there are 3 subunits in the CORE of the polymerase (alpha, epsilon, Phi >> phi works as exonuclease) and a Beta subunit to hold the CORE on the DNA

Page 9, the last line: "Proofreading such as alpha, delta, and epsilon." But according to the table in the slides, it should be "Gamma, delta and epsilon"

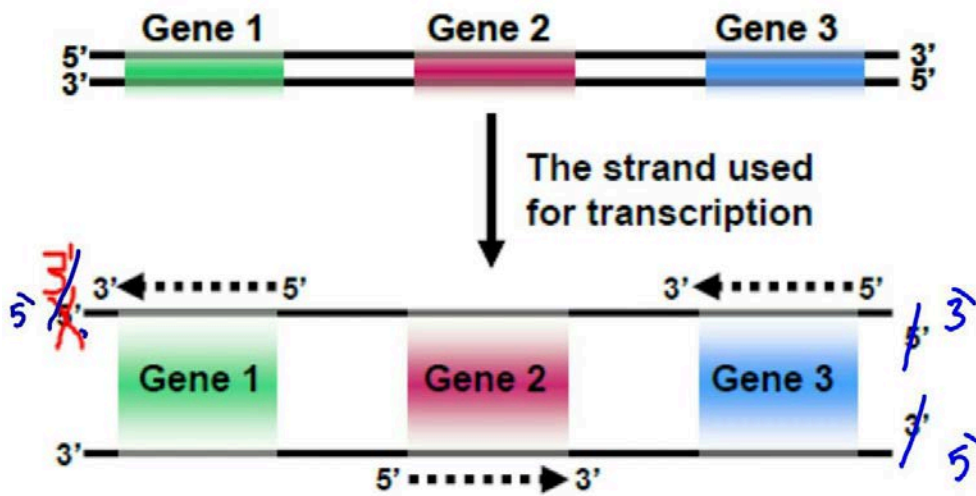
❖ Sheet 7:

Page 4 line 17. Uvr cuts the same strand at 2 spots; not a single cut

❖ Sheet 8:

Page 2 Dideoxynucleotide is missing 2-OH groups.

❖ Sheet 10:



❖ Sheet 12:

Page 1, the last point in the page, "...when it binds to its ligand (a GROWTH factor)..." Not a transcription factor

Page 4, point 4: what's meant by genetic recombination here is the joining of different segments of antibodies NOT the genetic recombination process in which alleles cross each other