

Figure 1-2 Essential Cell Biology (© Garland Science 2010)

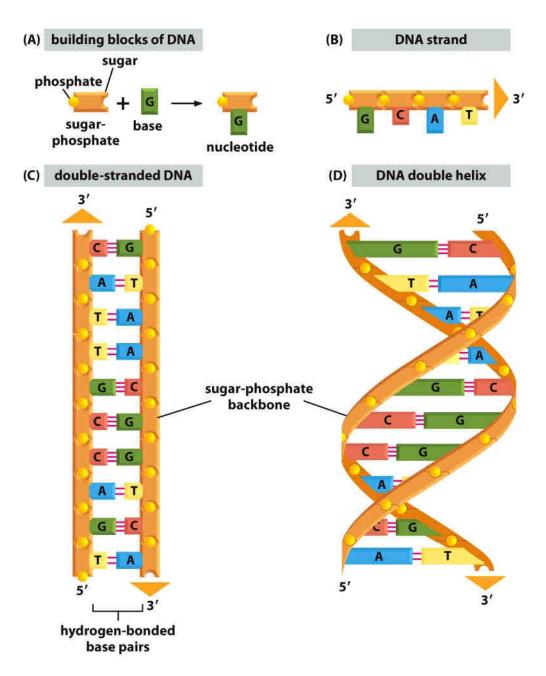
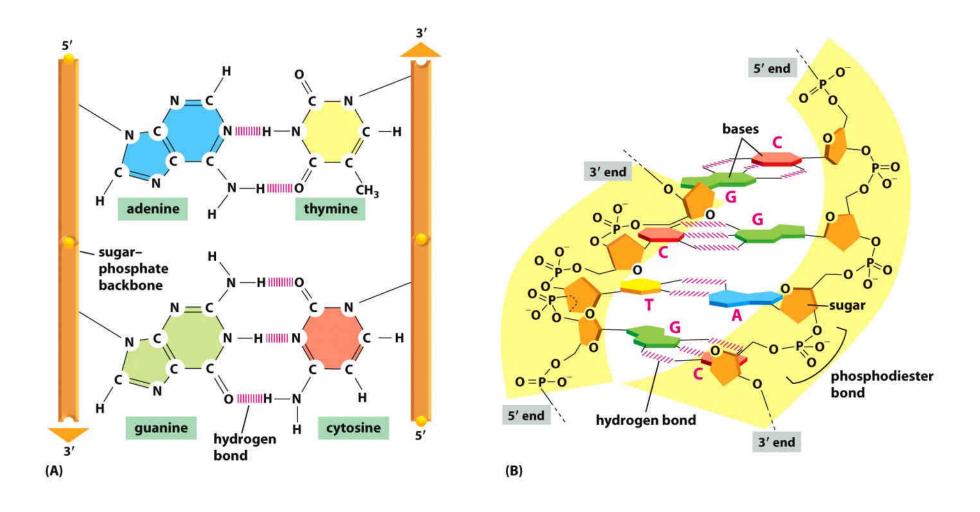


Figure 5-2 Essential Cell Biology (© Garland Science 2010)



4

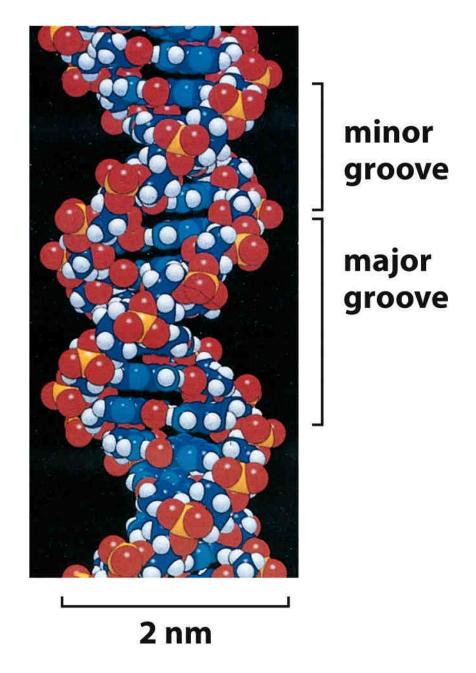
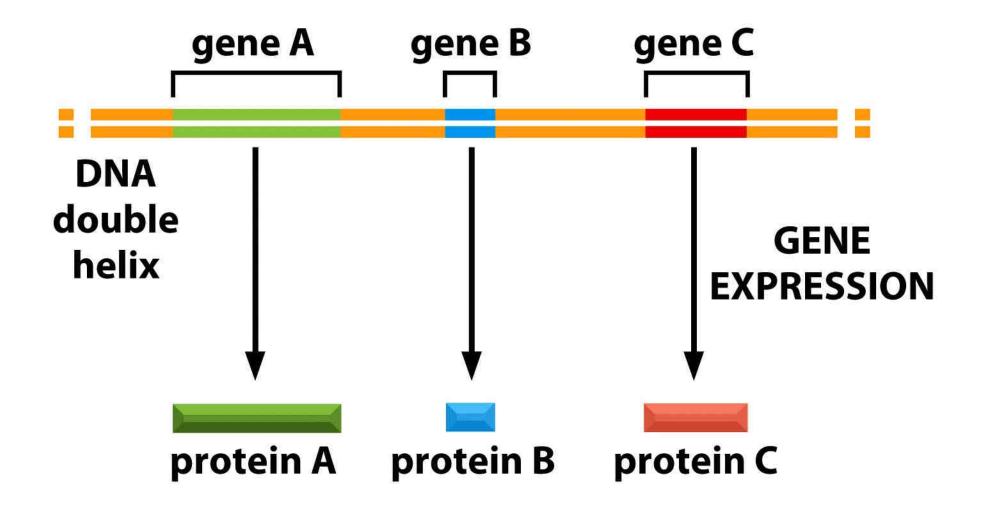


Figure 5-7 Essential Cell Biology (© Garland Science 2010)



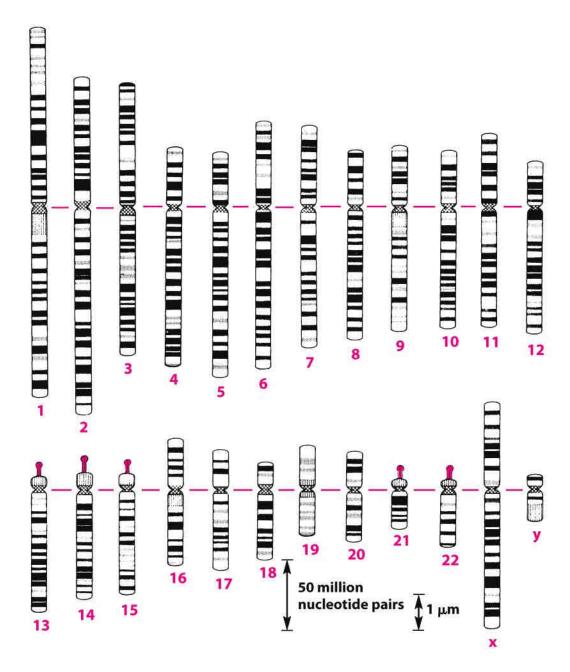
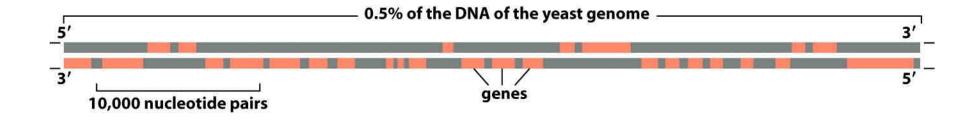
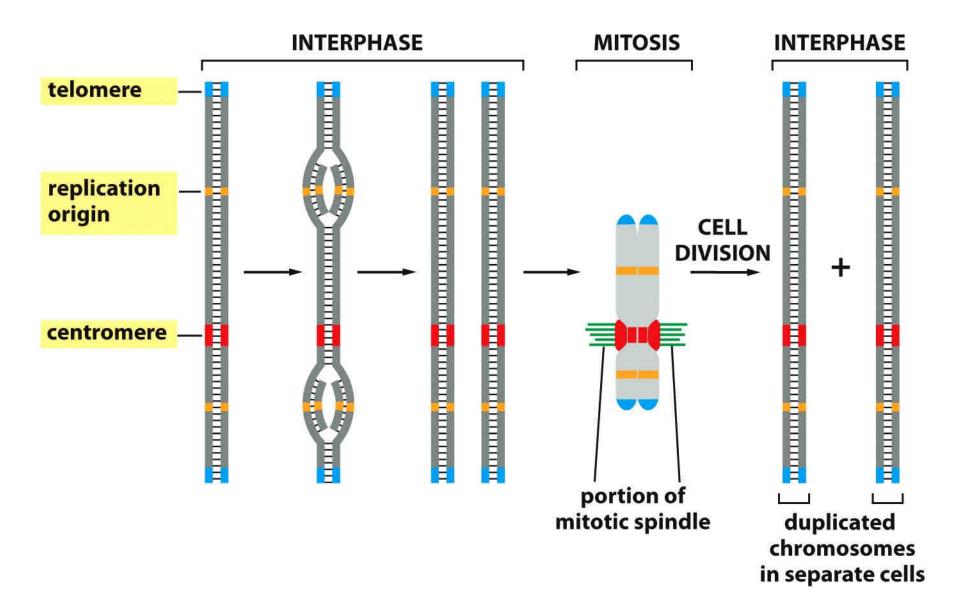
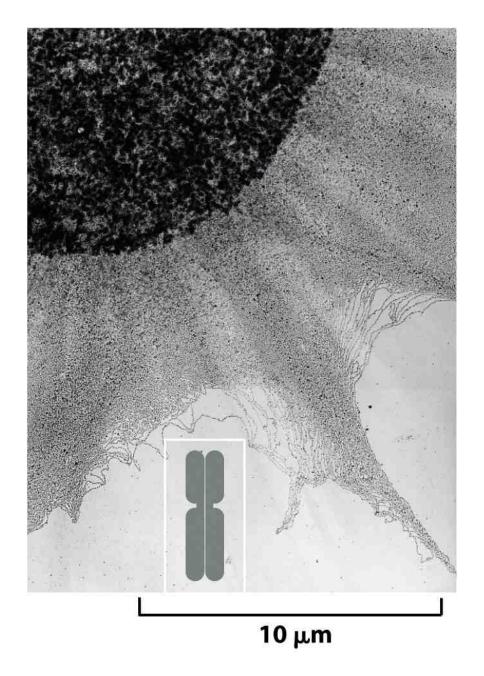


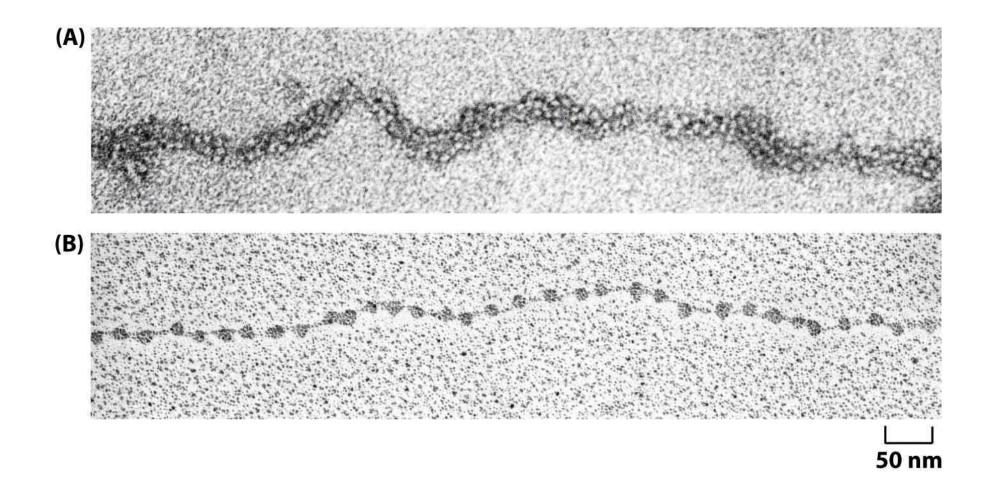
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10



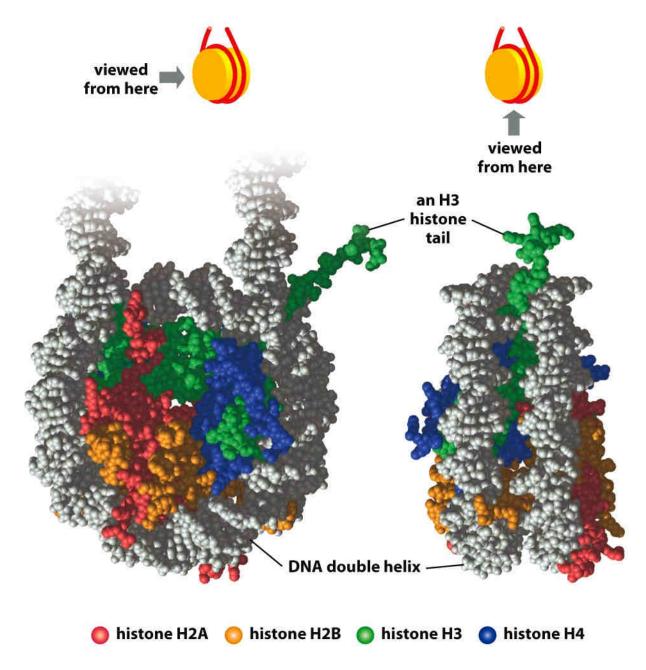
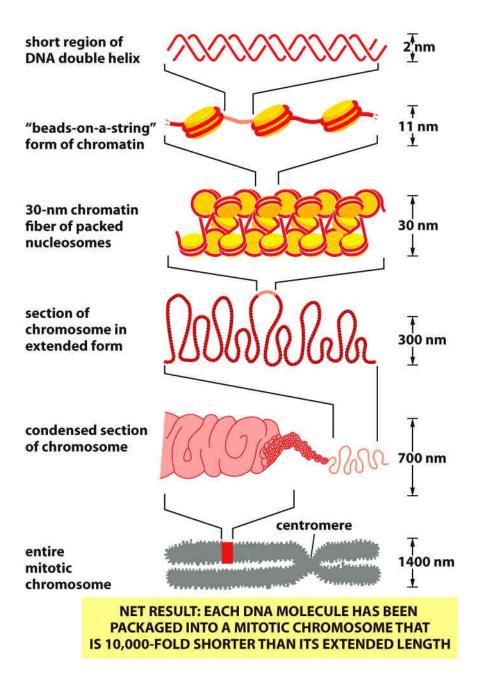


Figure 5-23 Essential Cell Biology (© Garland Science 2010)



13

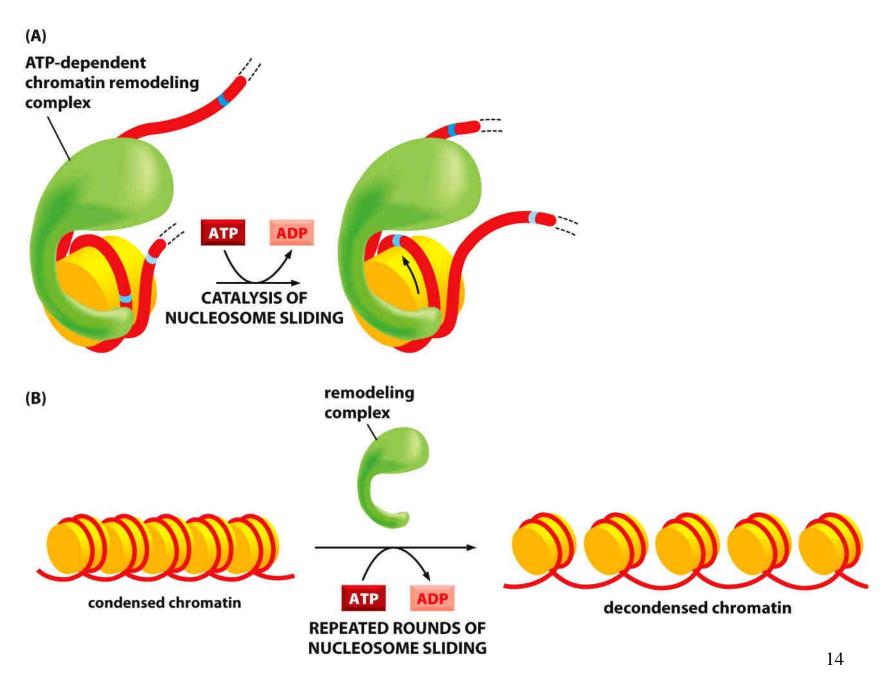
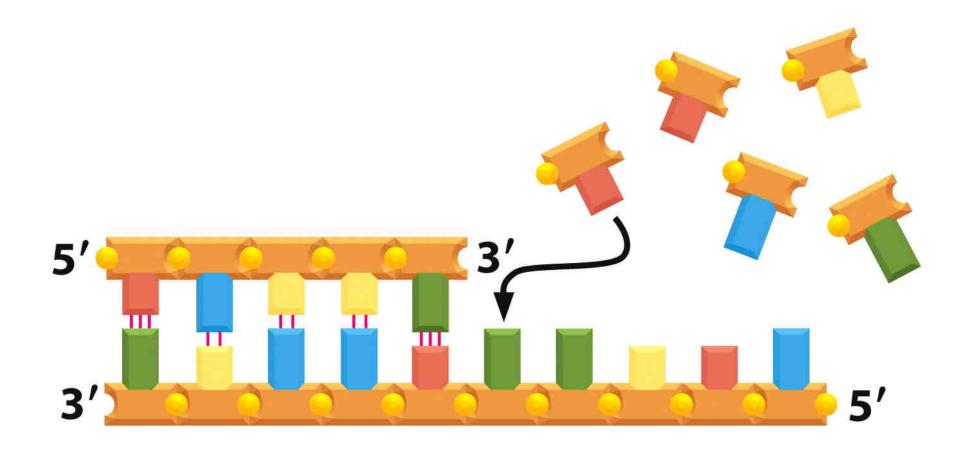
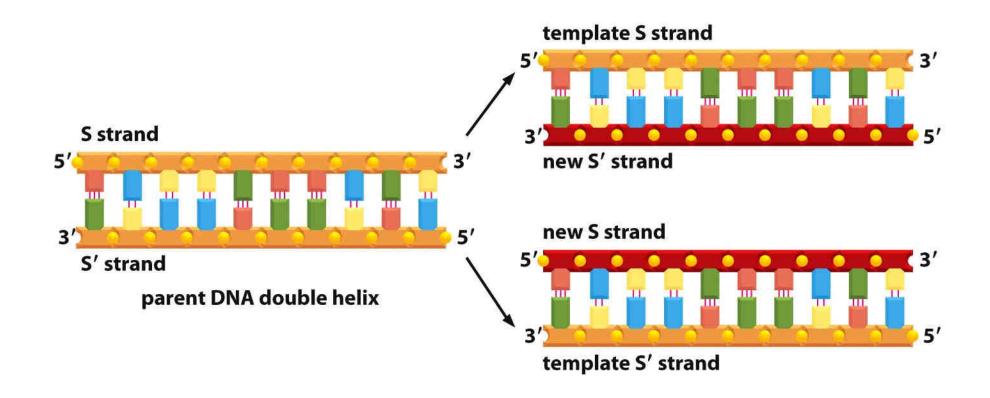
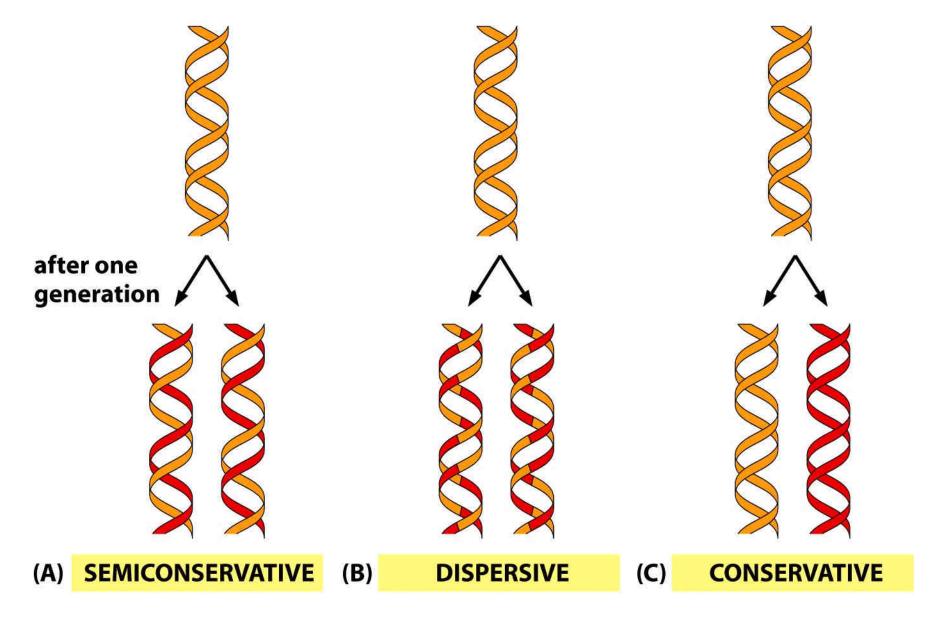


Figure 5-27 Essential Cell Biology (© Garland Science 2010)

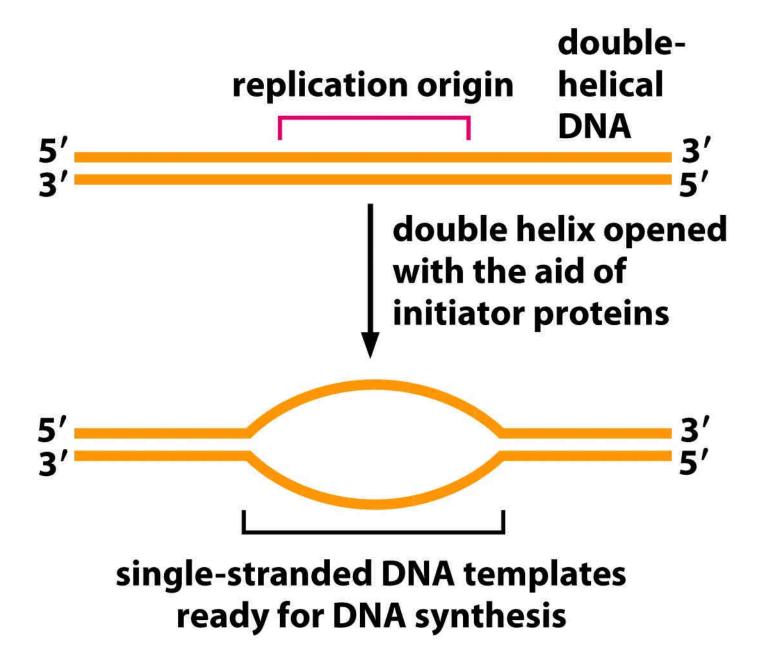


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17



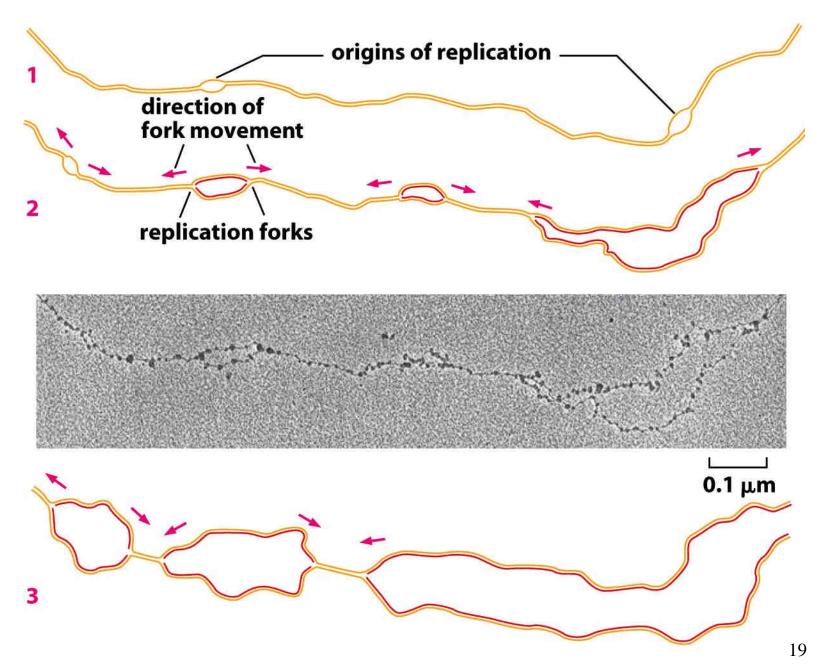
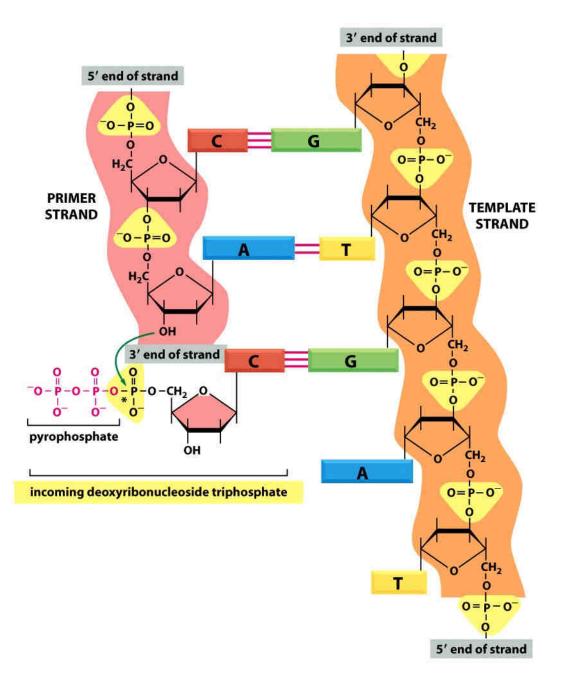
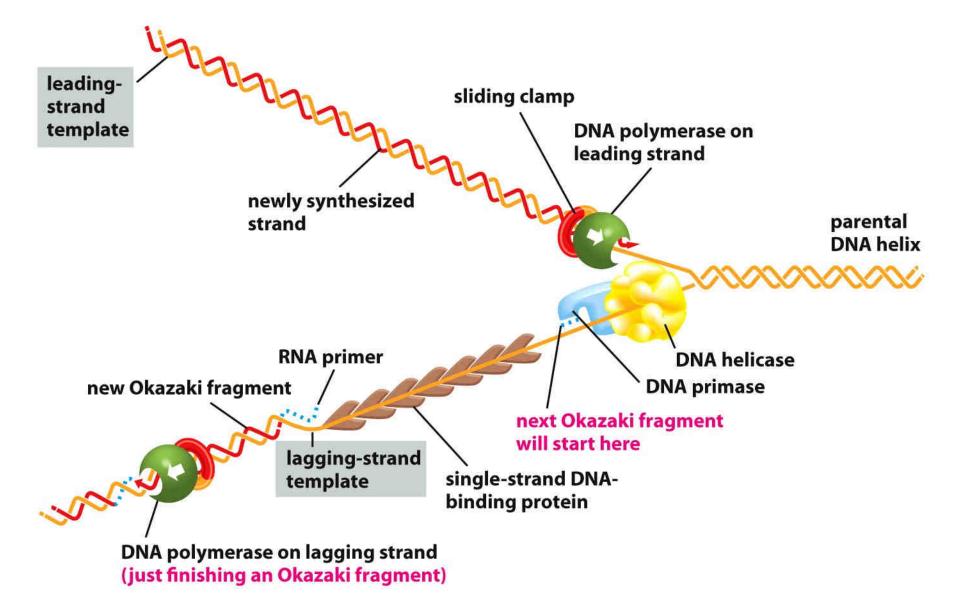
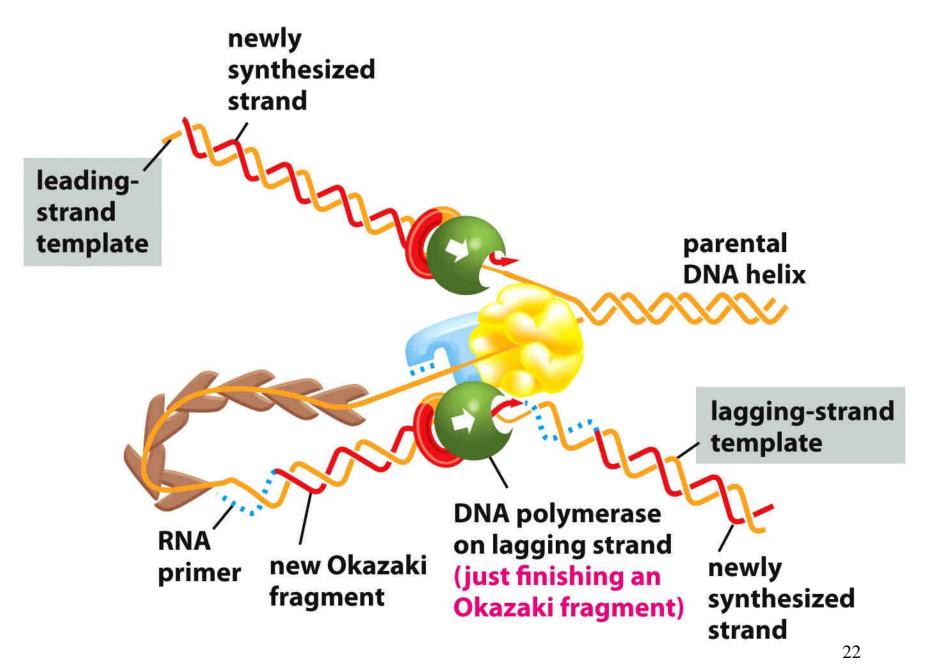


Figure 6-9 Essential Cell Biology (© Garland Science 2010)



20





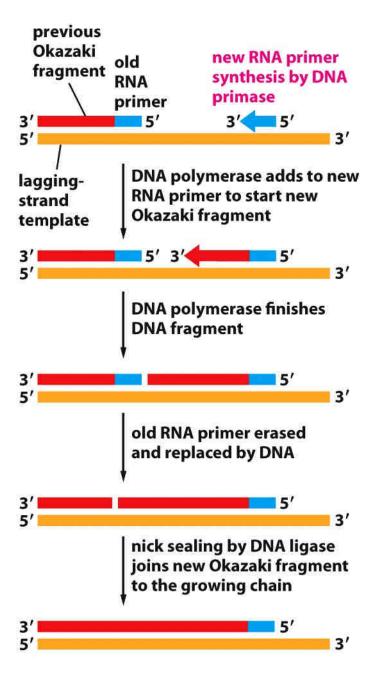
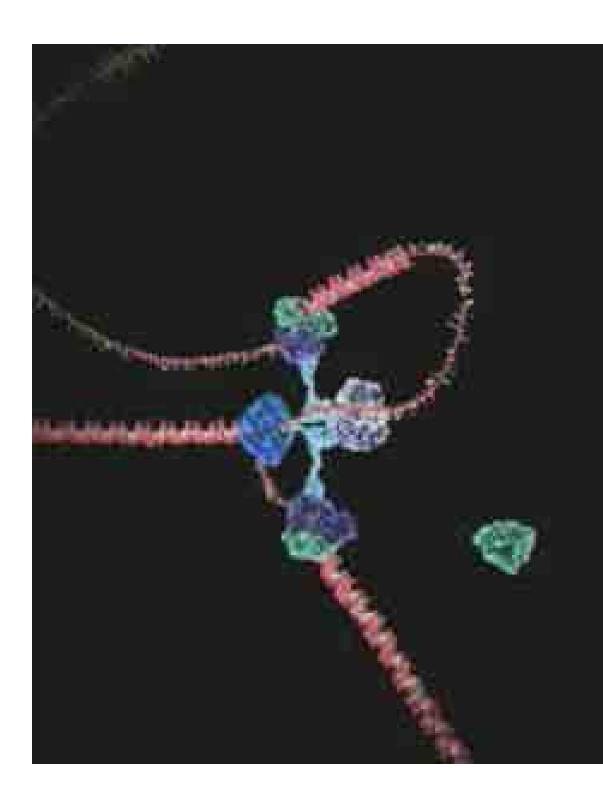
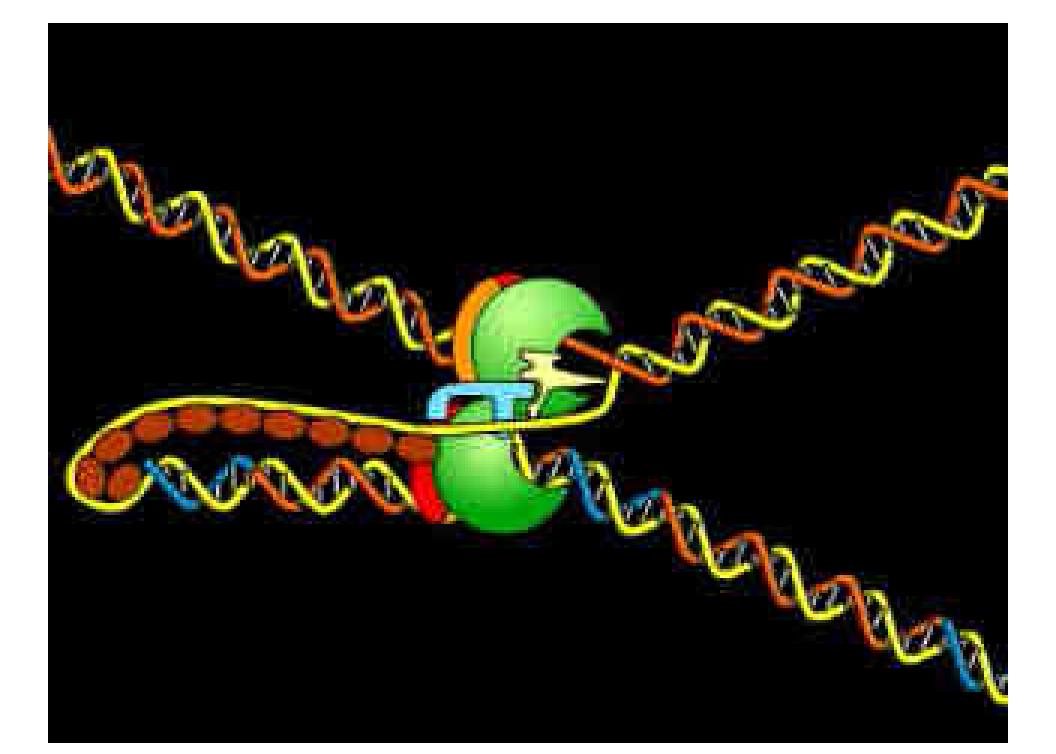


Figure 6-16 Essential Cell Biology (© Garland Science 2010)





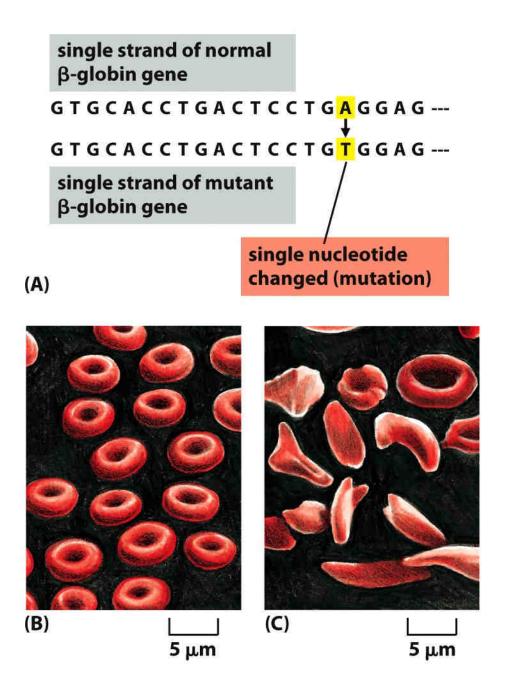


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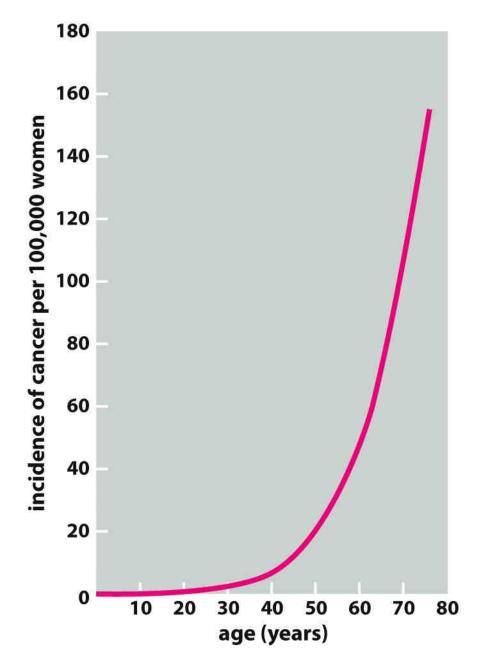


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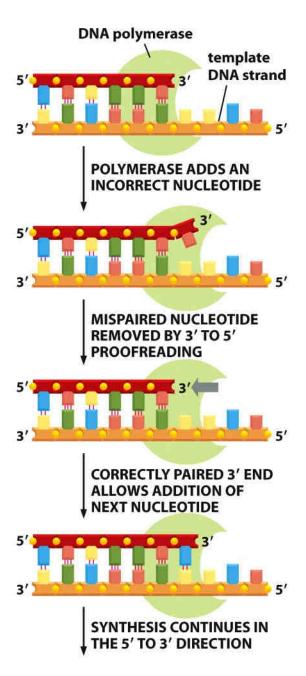


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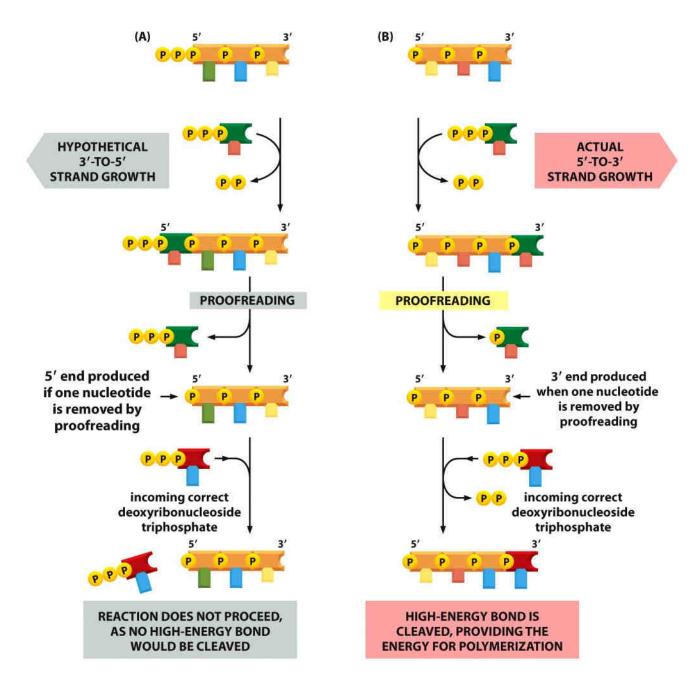
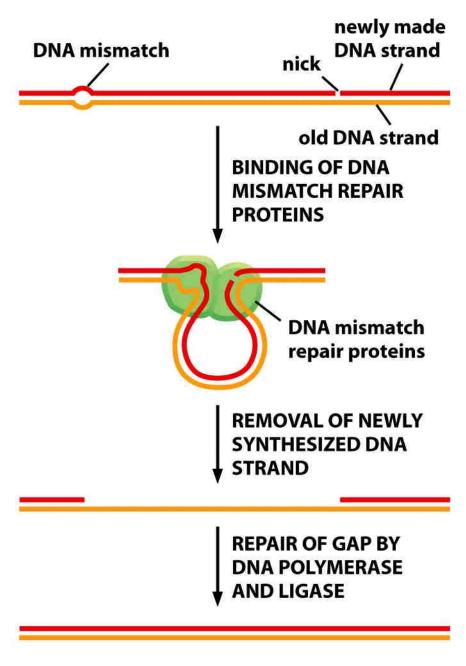
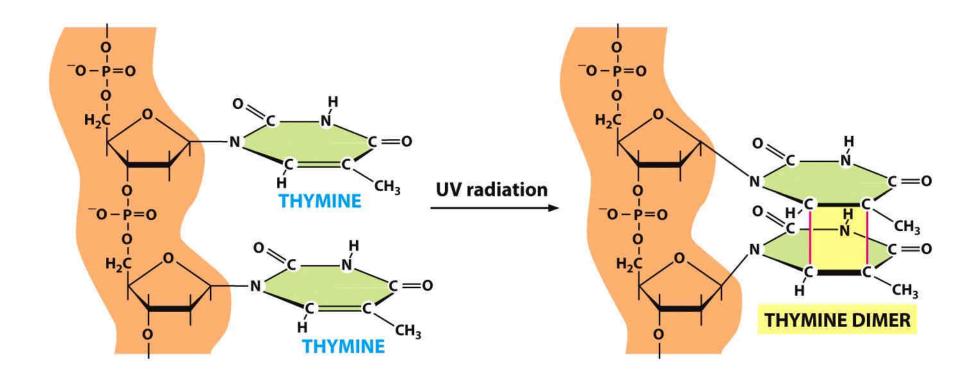
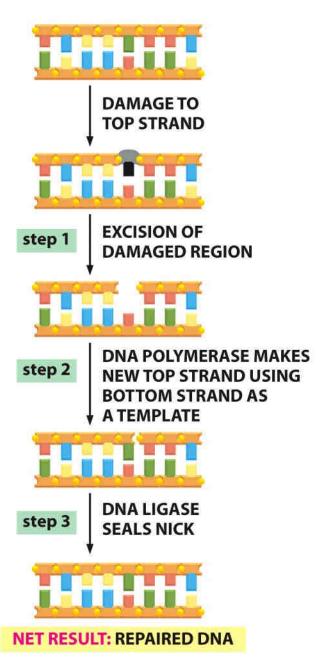


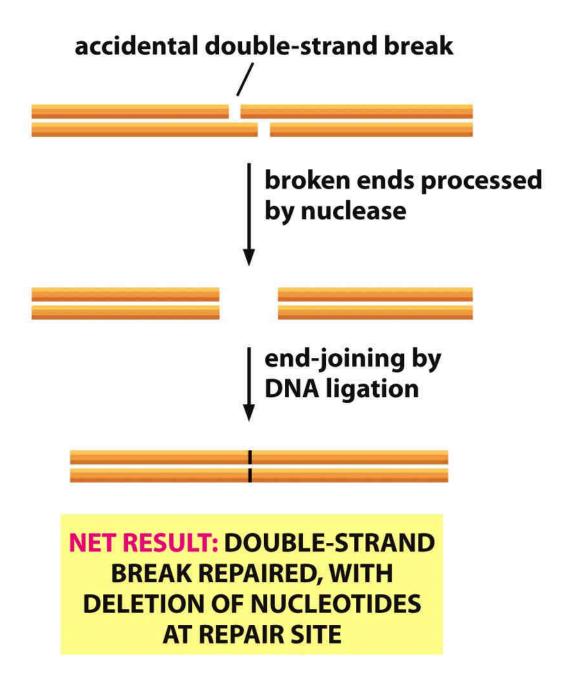
Figure 6-15 Essential Cell Biology (© Garland Science 2010)







33



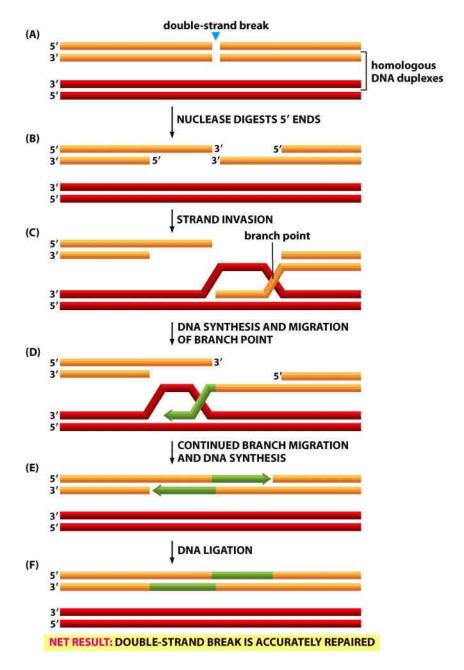


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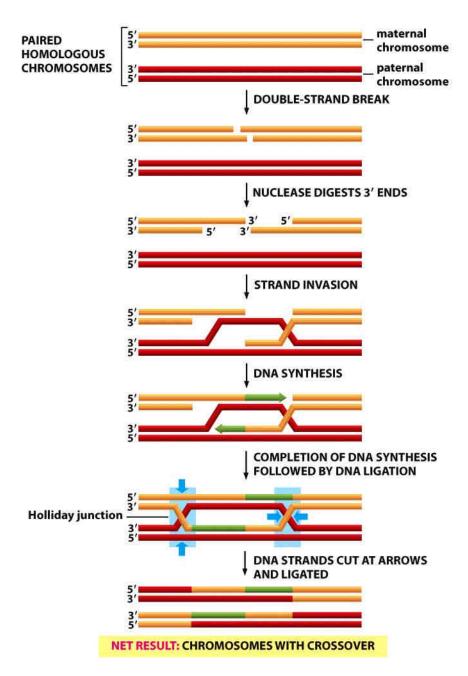


Figure 6-31 Essential Cell Biology (© Garland Science 2010)

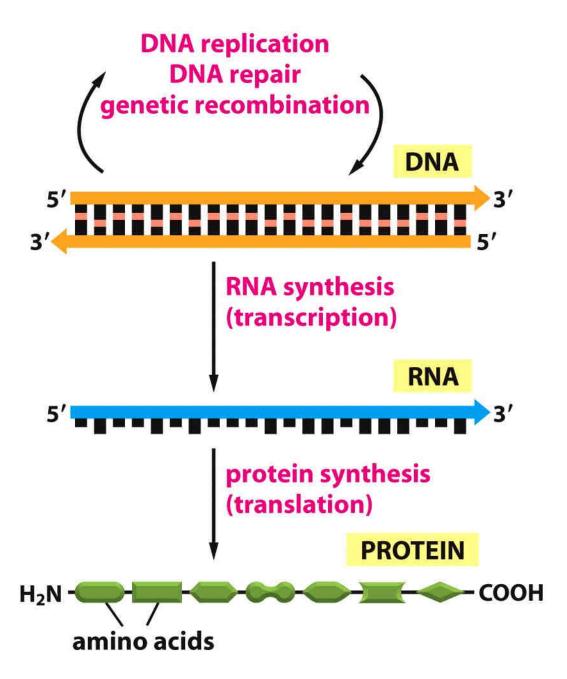


Figure 7-1 Essential Cell Biology (© Garland Science 2010)

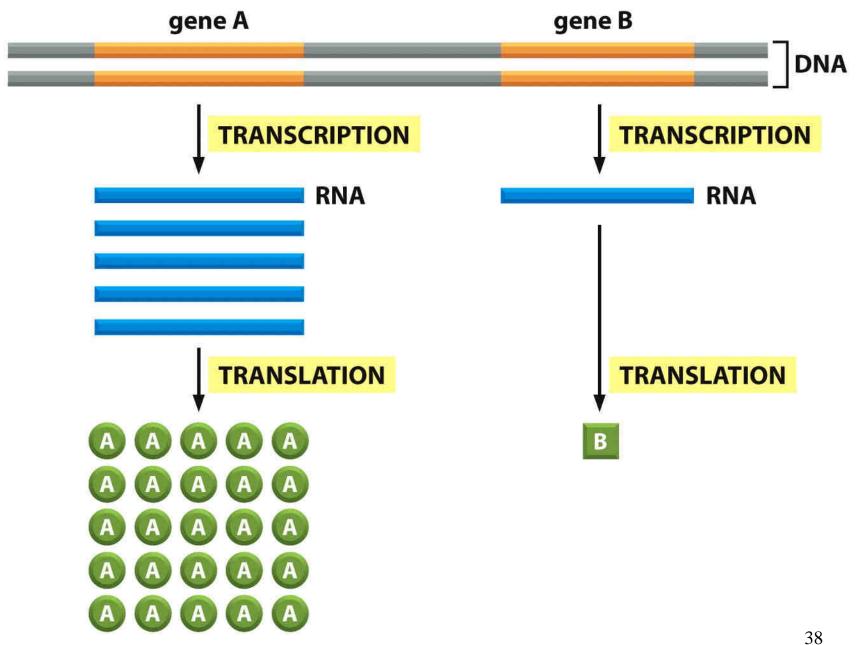


Figure 7-2 Essential Cell Biology (© Garland Science 2010)

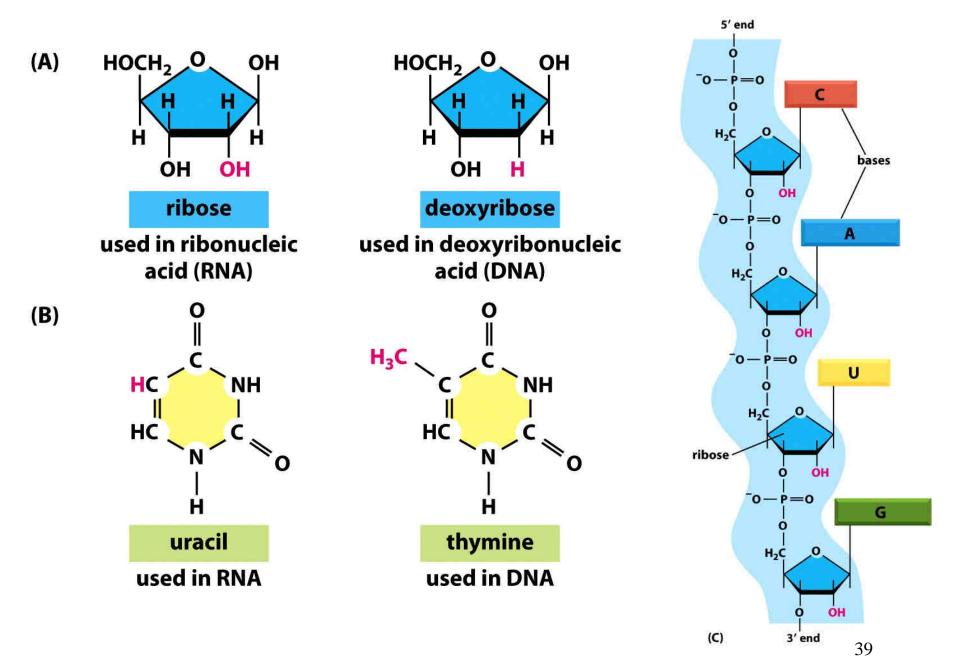
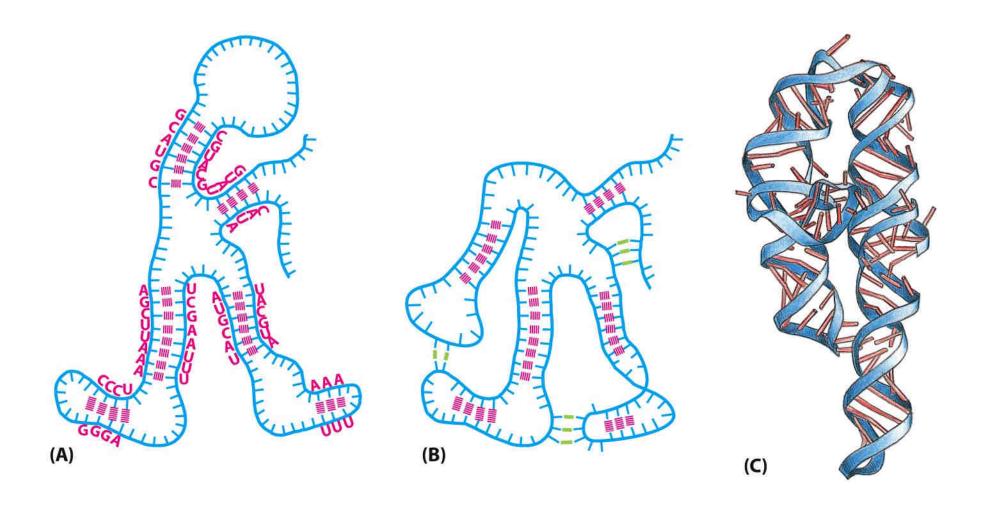
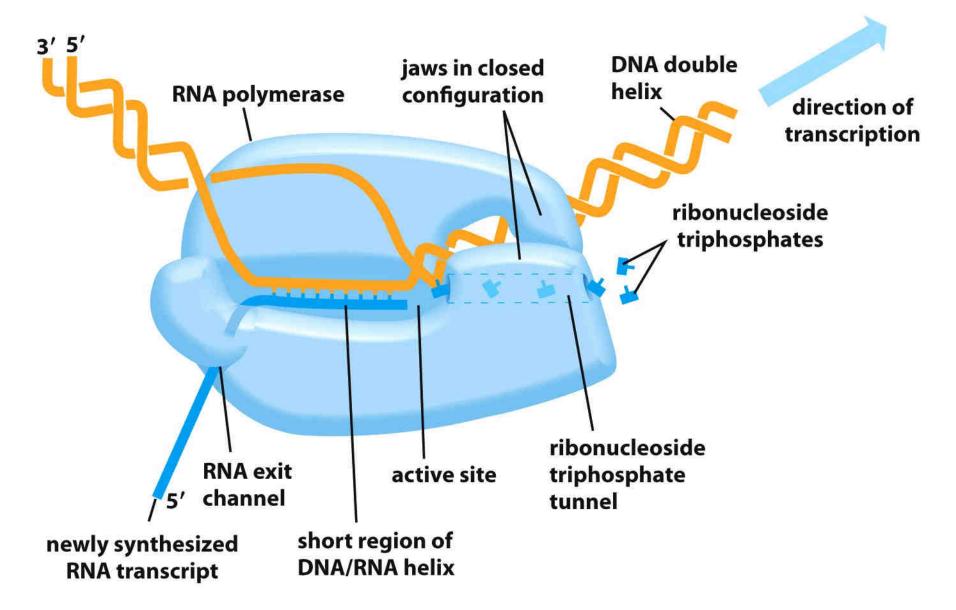


Figure 7-3 Essential Cell Biology (© Garland Science 2010)

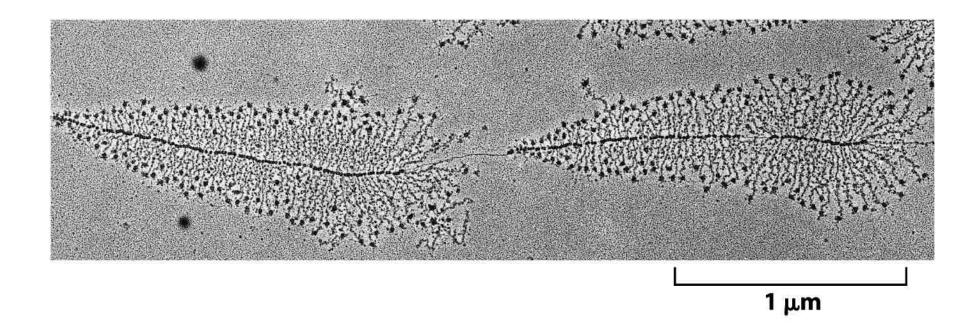


40

TABLE 7-1 TYPES OF RNA PRODUCED IN CELLS	
TYPE OF RNA	FUNCTION
mRNAs	code for proteins
rRNAs	form the core of the ribosome and catalyze protein synthesis
miRNAs	regulate gene expression
tRNAs	serve as adaptors between mRNA and amino acids during protein synthesis
Other small RNAs	used in RNA splicing, telomere maintenance, and many other processes



42



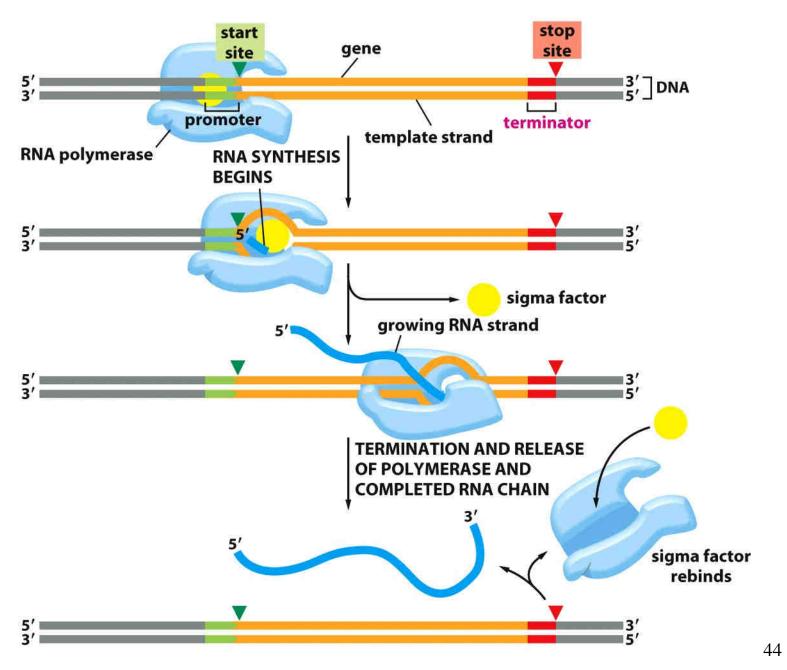
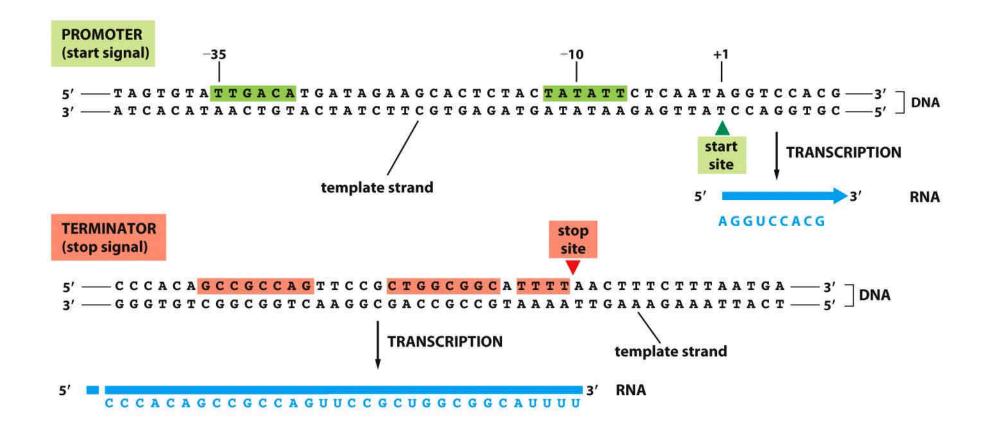
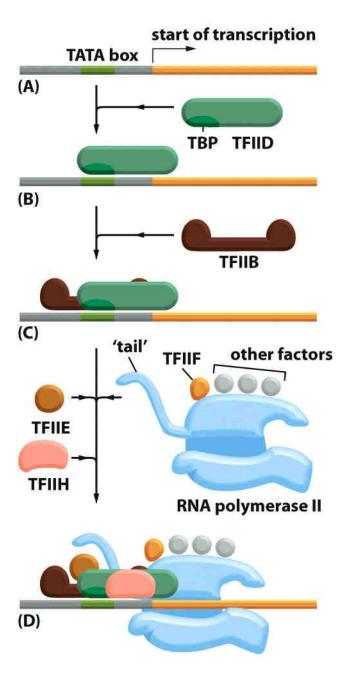
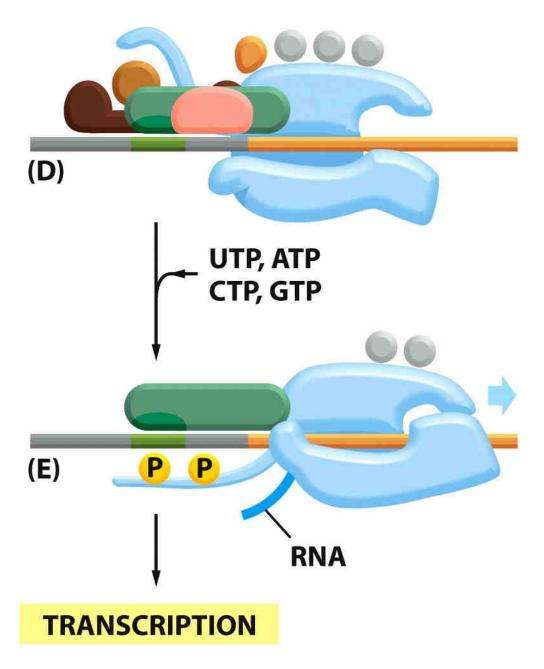


Figure 7-9 Essential Cell Biology (© Garland Science 2010)

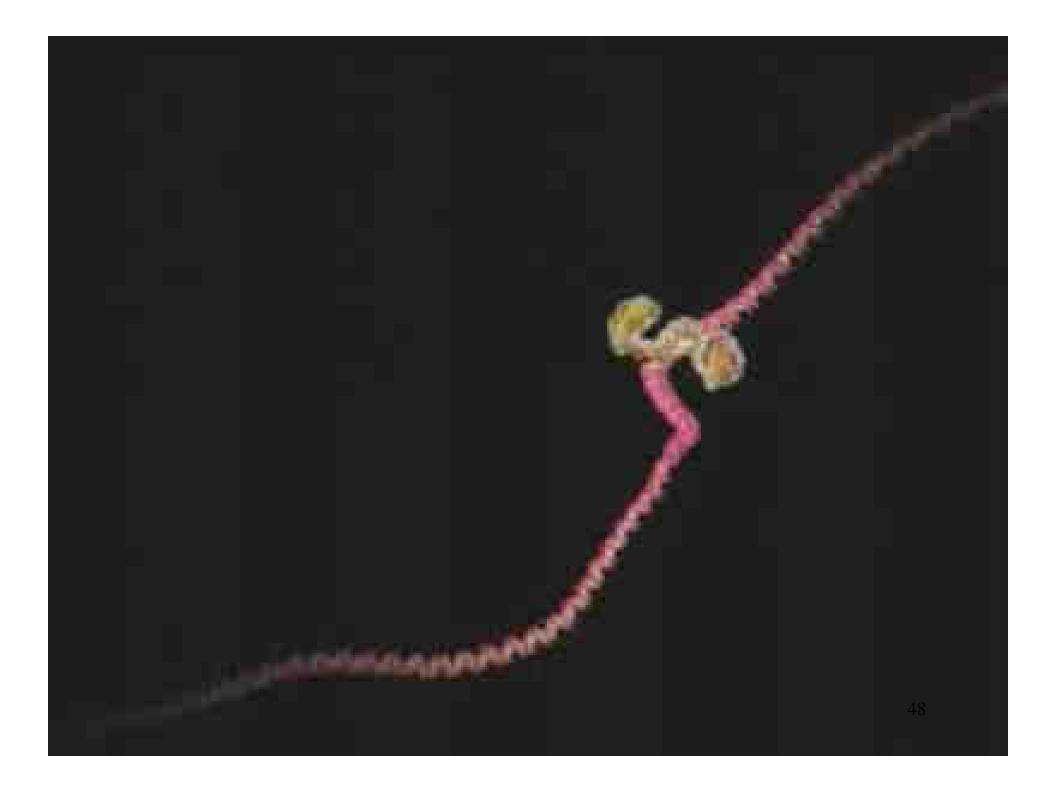




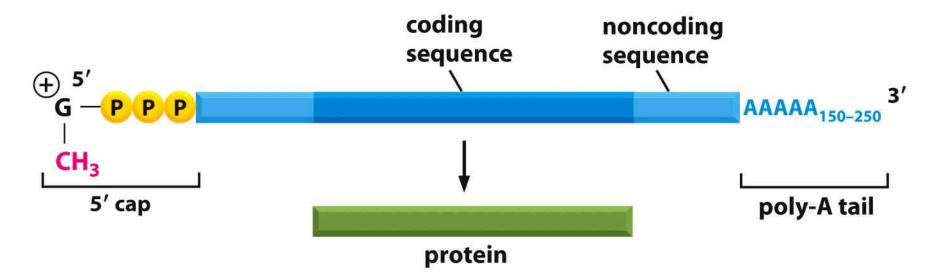
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47



RNA capping and polyadenylation



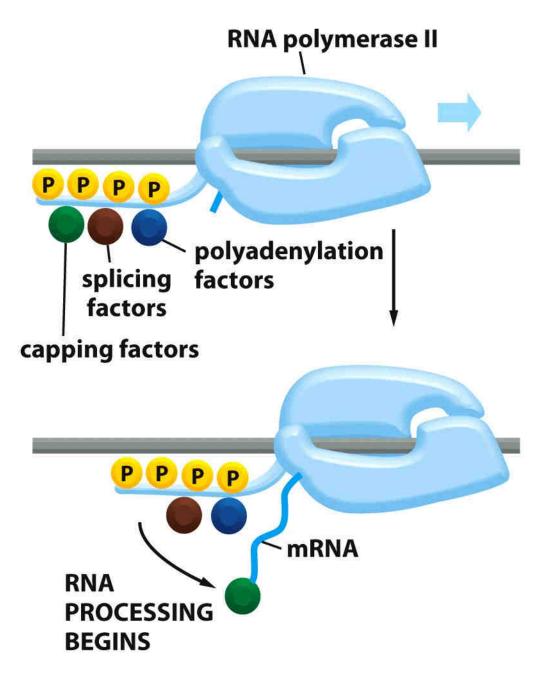
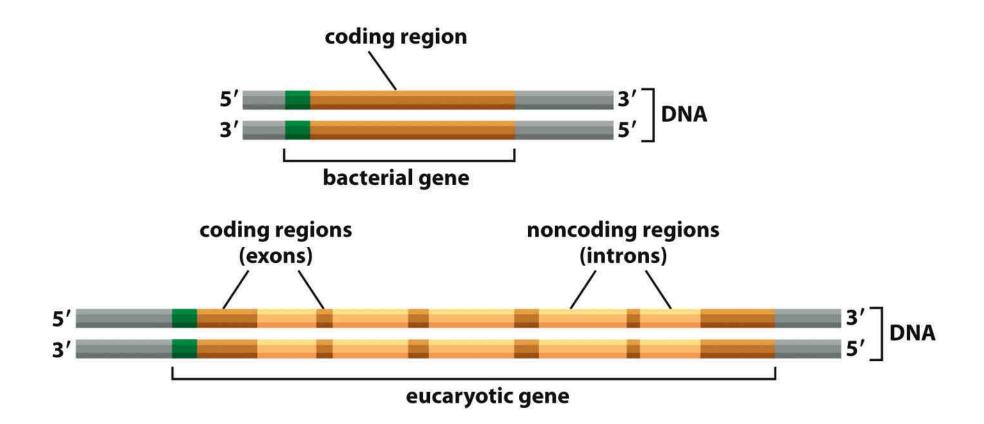
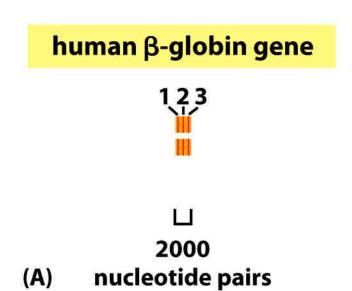
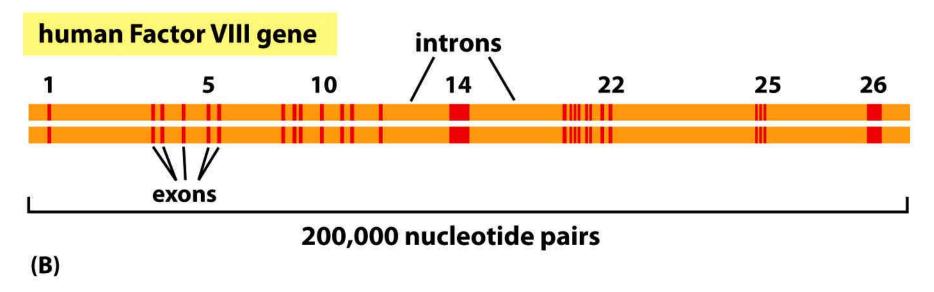


Figure 7-15 Essential Cell Biology (© Garland Science 2010)







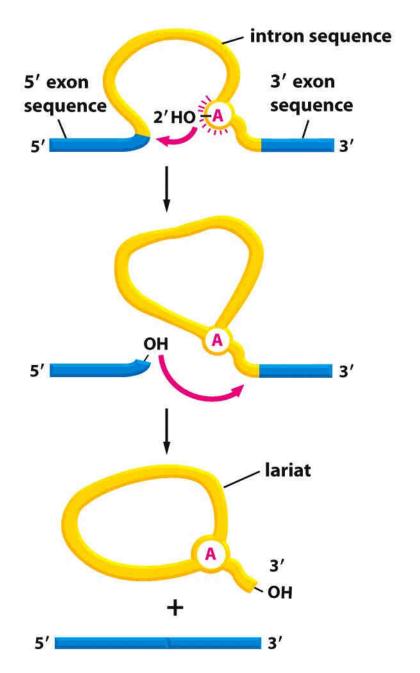
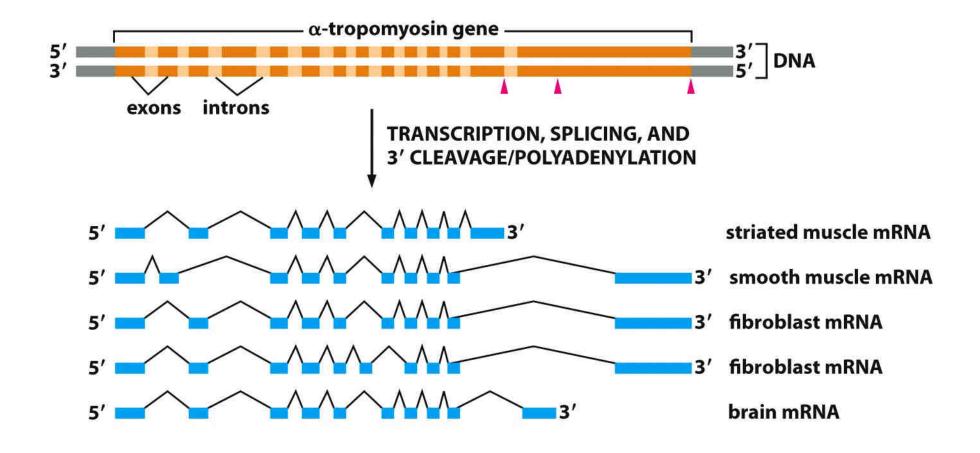
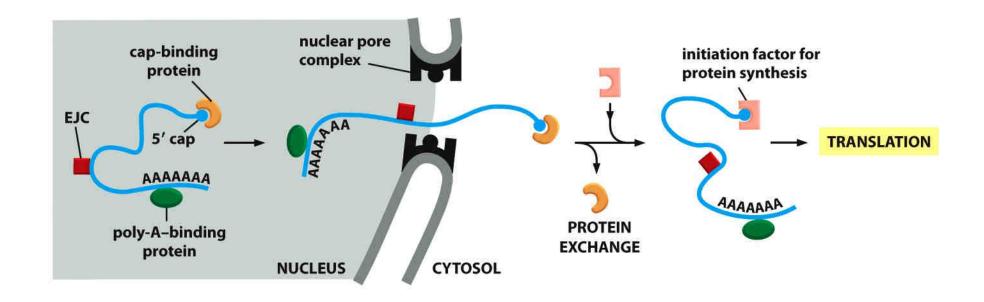
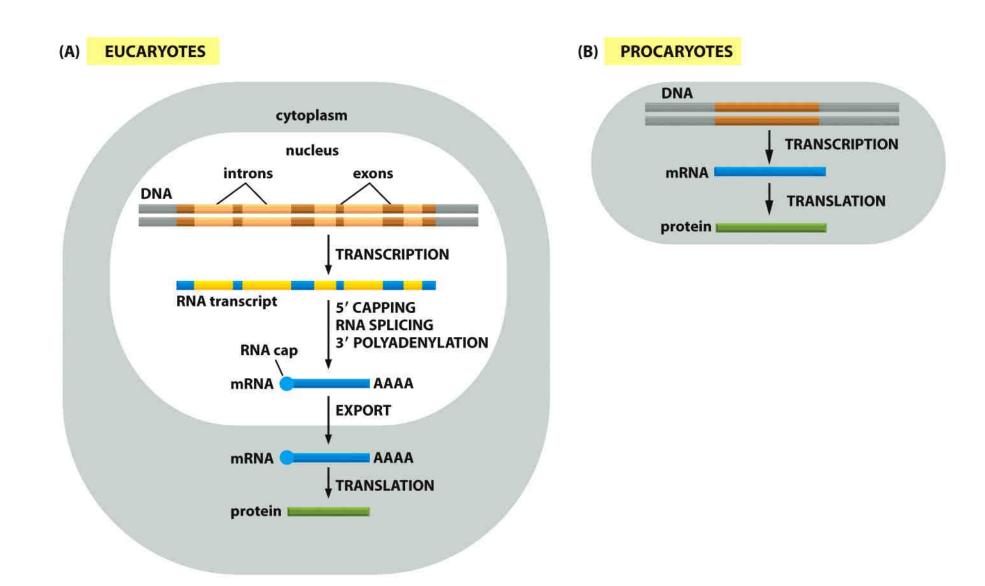


Figure 7-20 Essential Cell Biology (© Garland Science 2010)

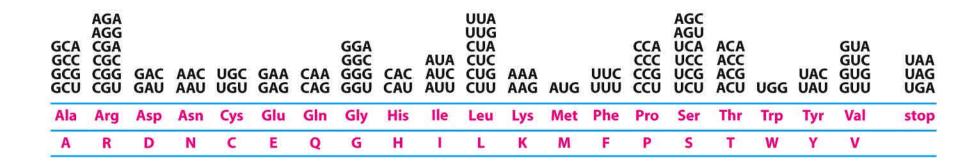


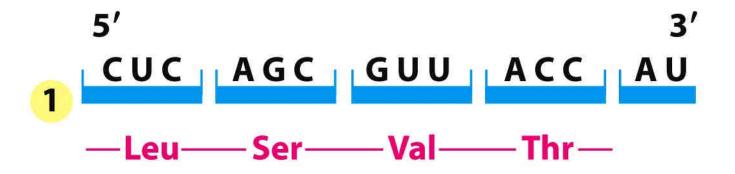
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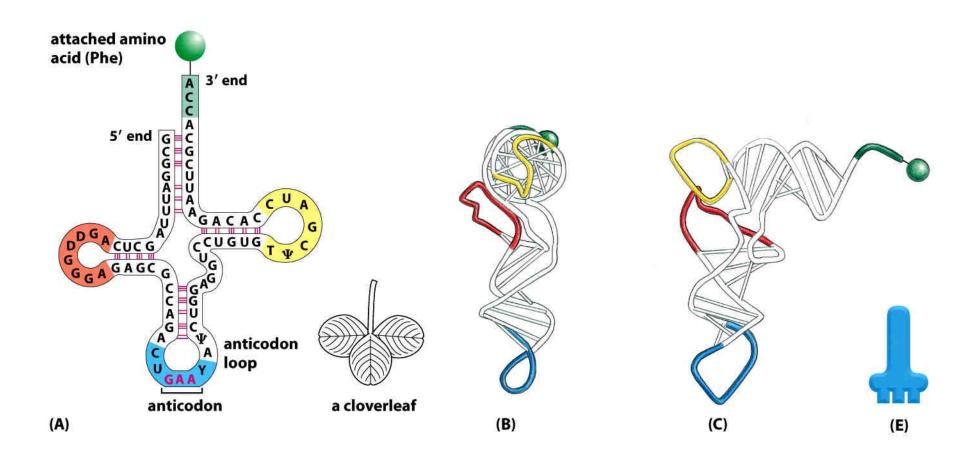
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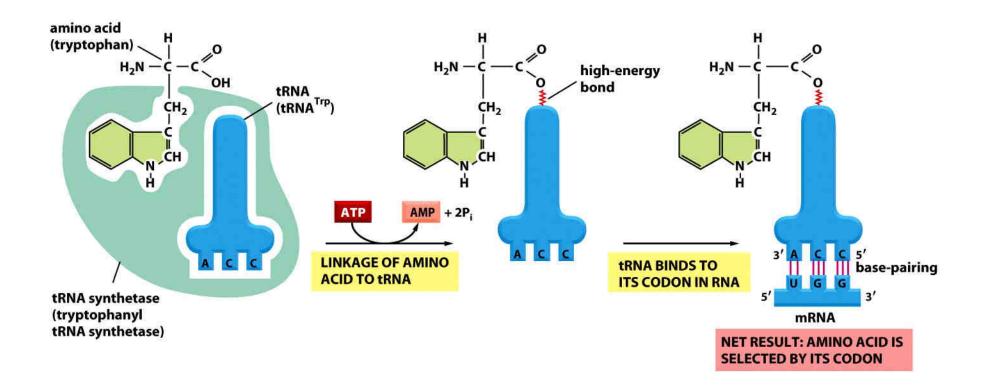


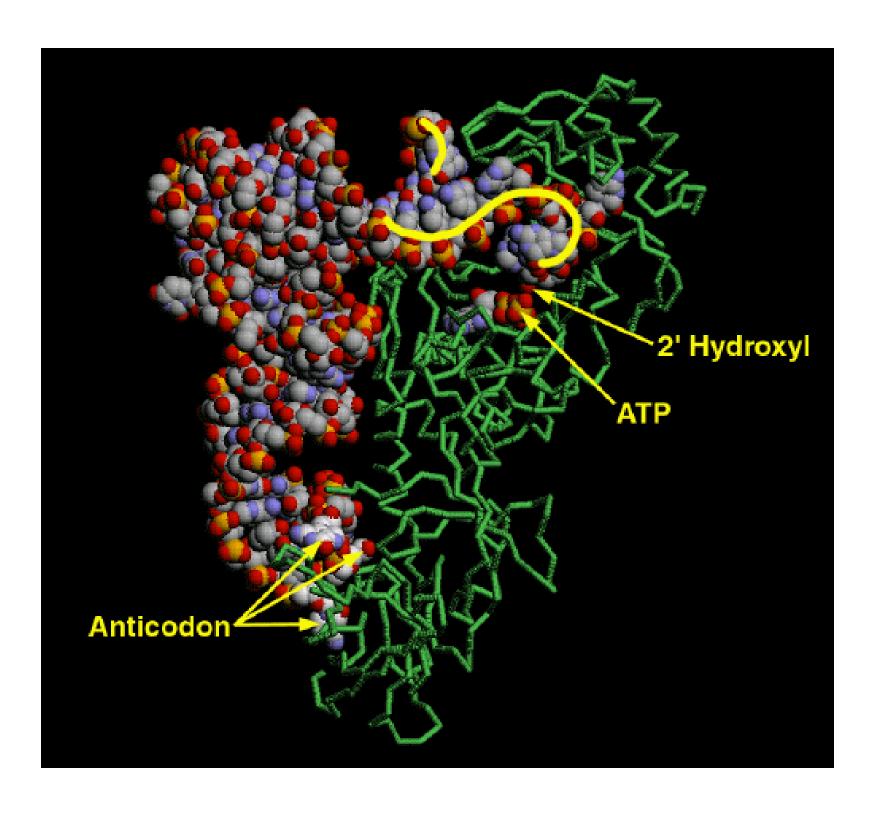


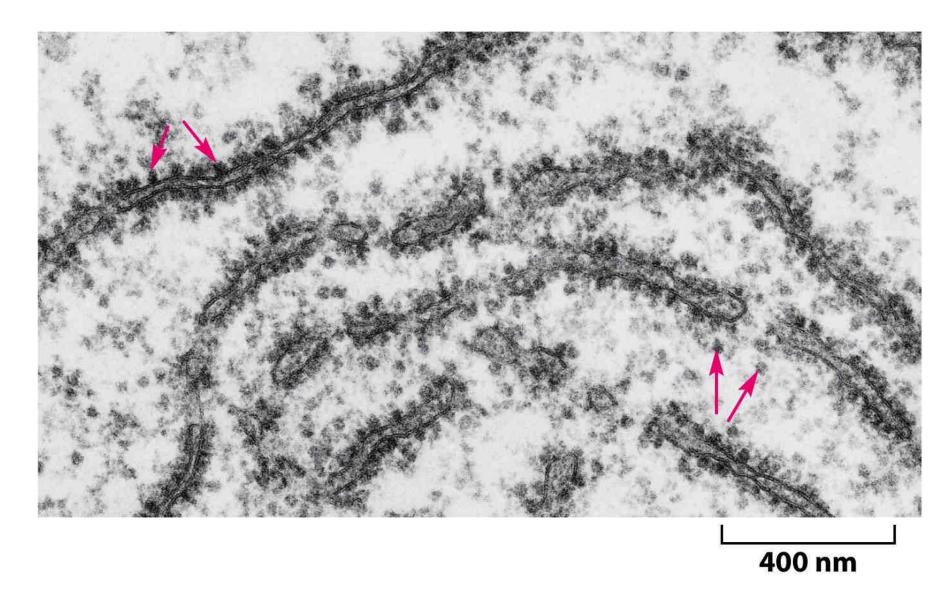




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62

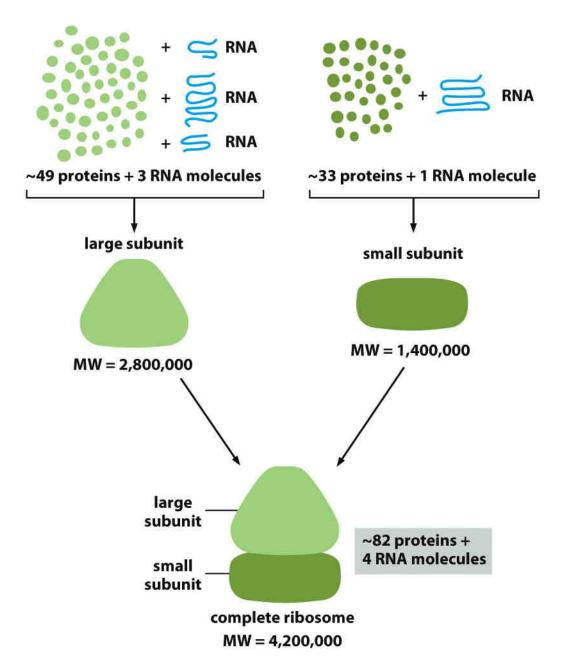
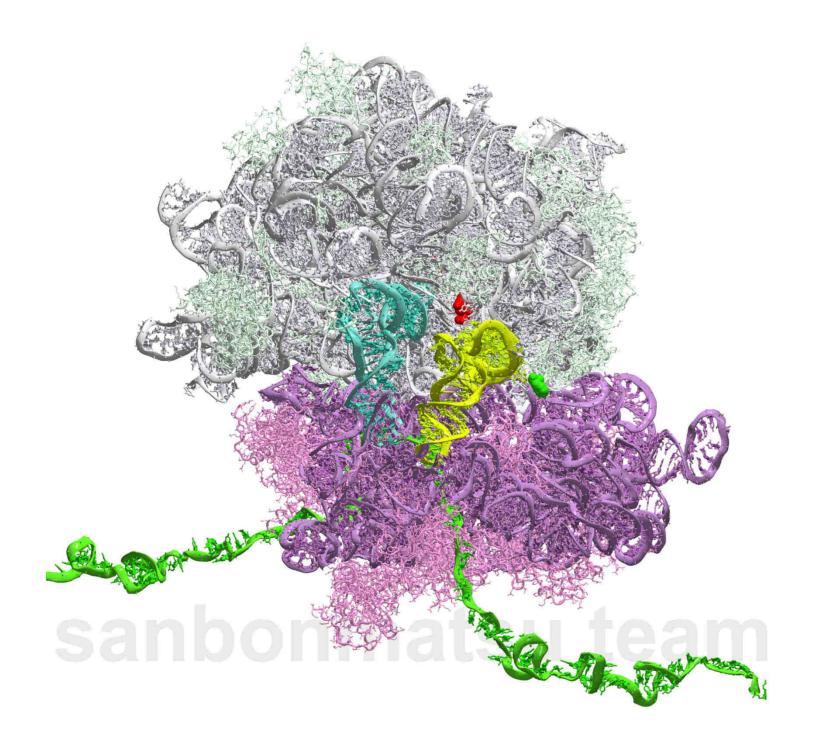
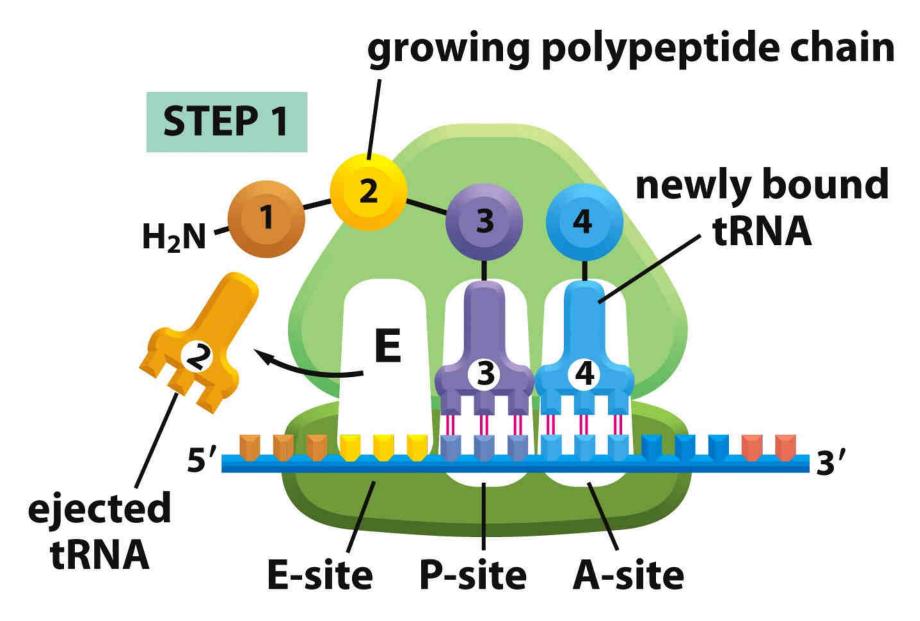


Figure 7-31 Essential Cell Biology (© Garland Science 2010)





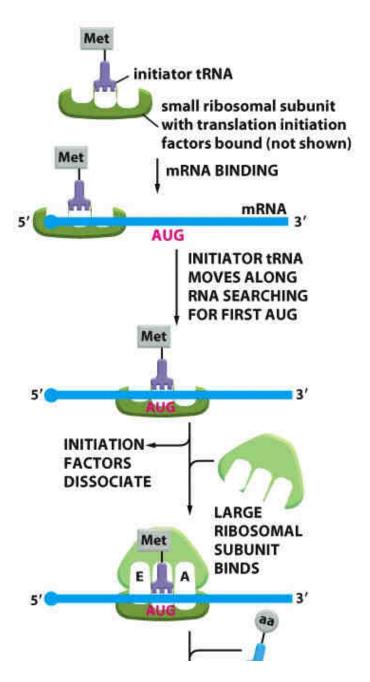


Figure 7-35 Essential Cell Biology (© Garland Science 2010)

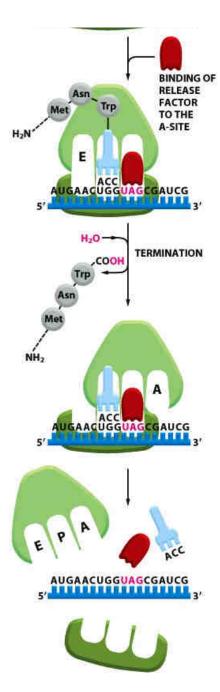
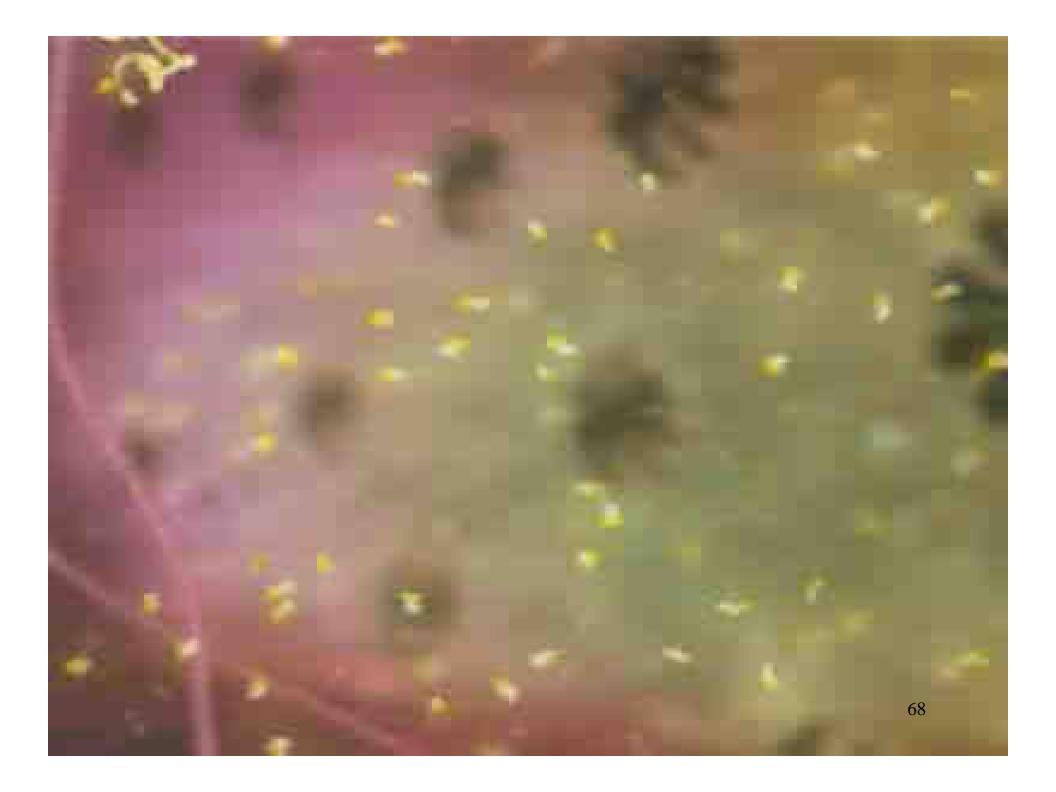


Figure 7-37 Essential Cell Biology (© Garland Science 2010)





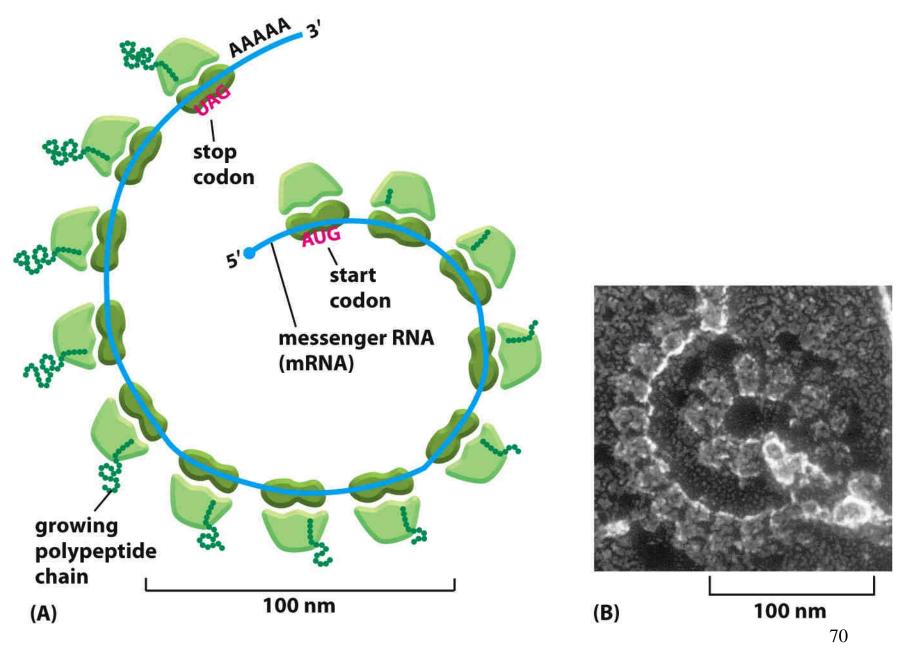


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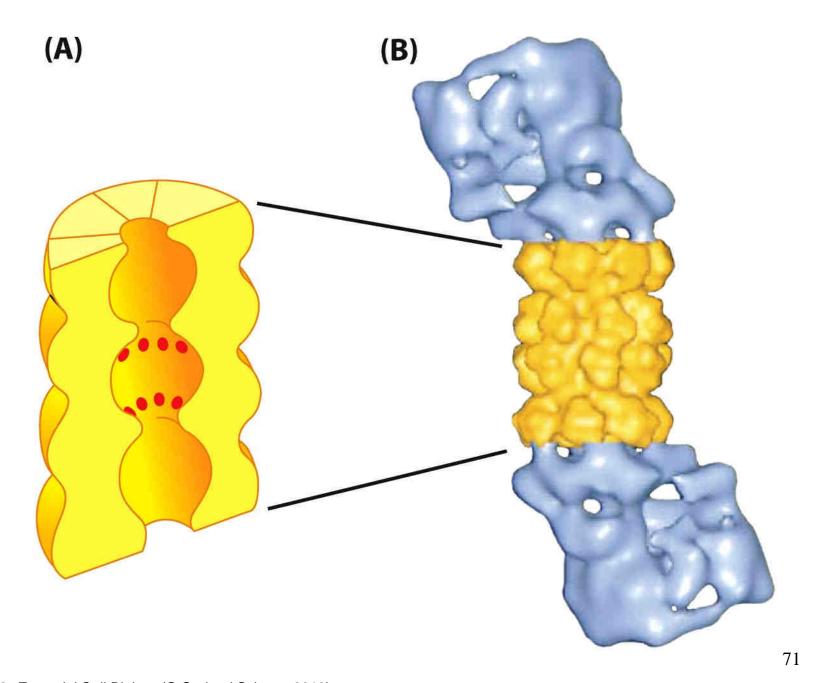


Figure 7-39 Essential Cell Biology (© Garland Science 2010)

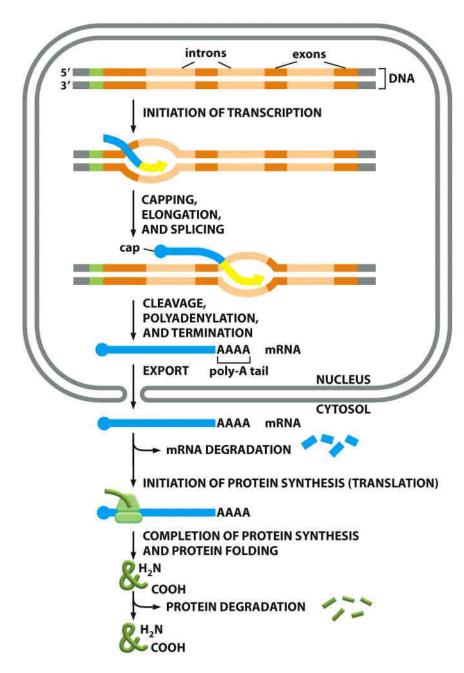
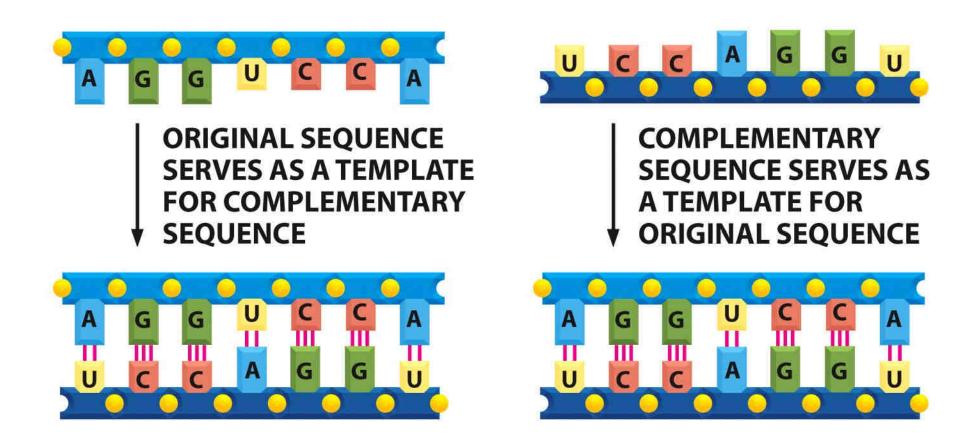


Figure 7-40 Essential Cell Biology (© Garland Science 2010)



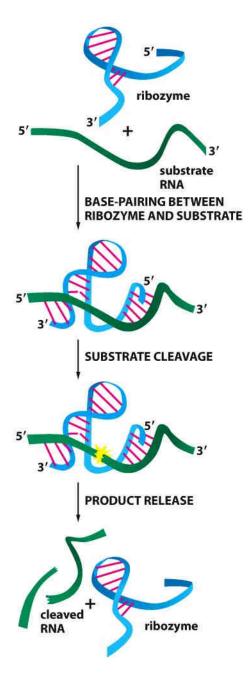
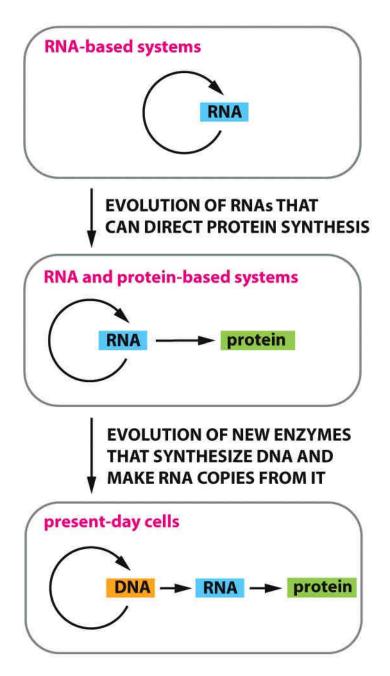
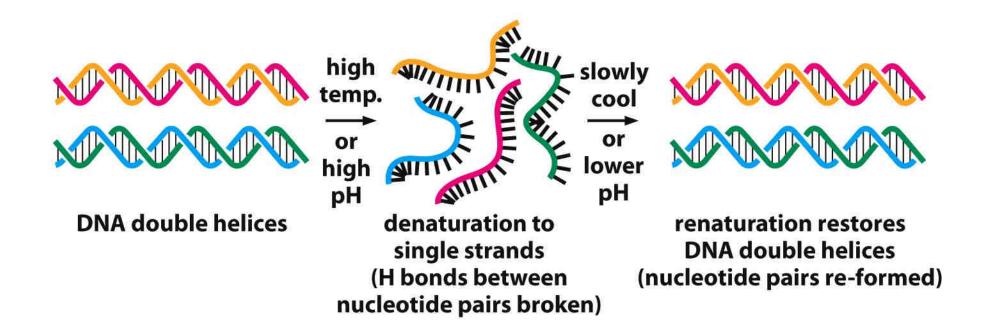
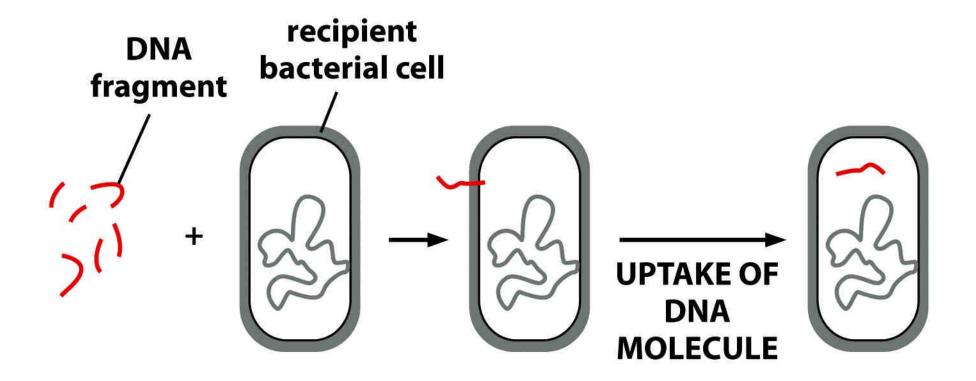


Figure 7-44 Essential Cell Biology (© Garland Science 2010)



75





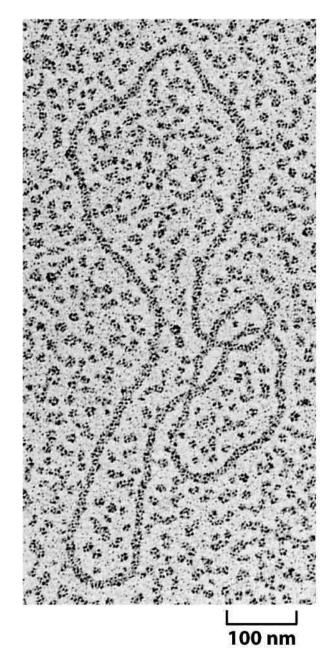
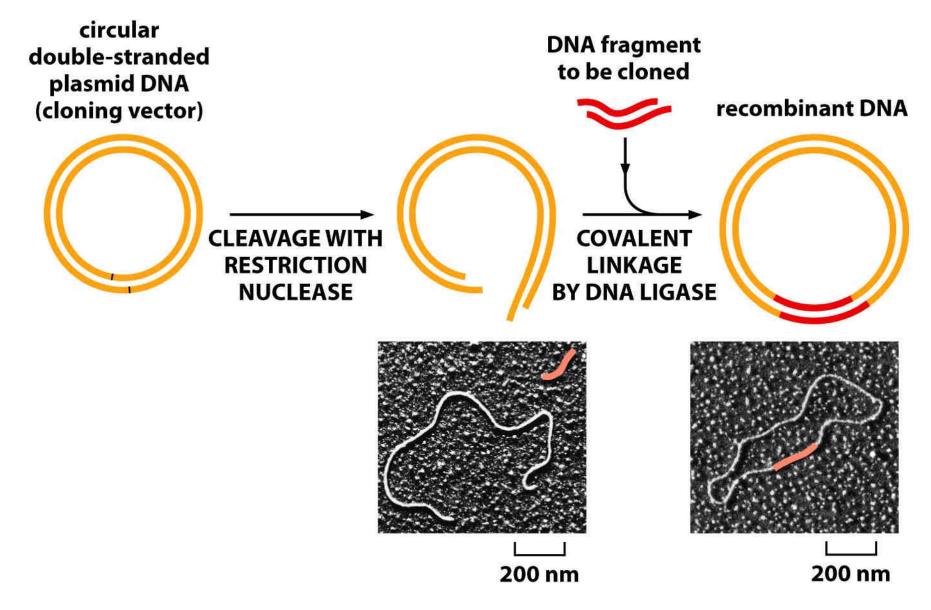
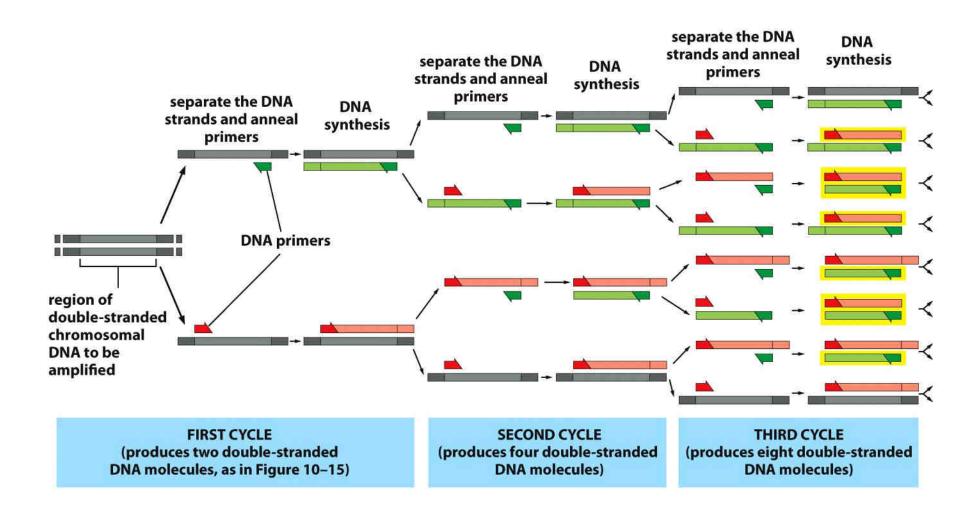


Figure 10-8 Essential Cell Biology (© Garland Science 2010)





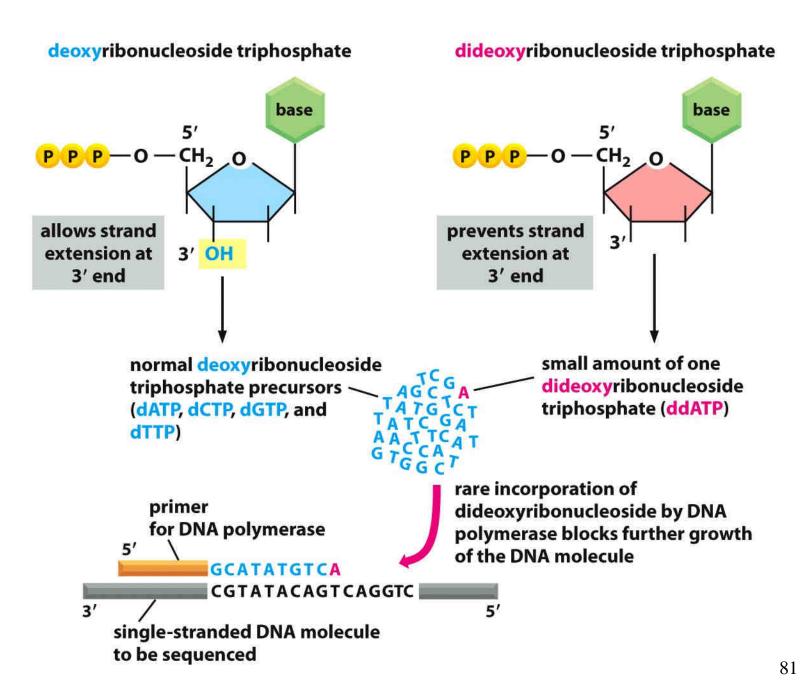


Figure 10-20 Essential Cell Biology (© Garland Science 2010)

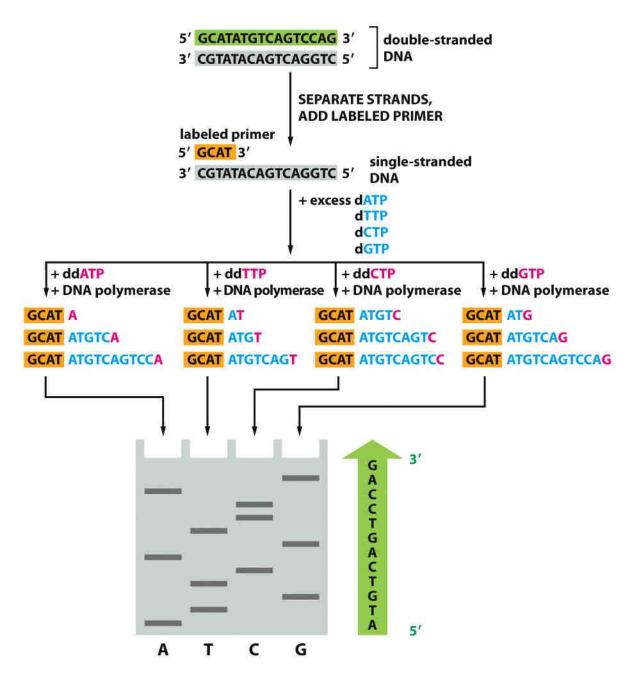


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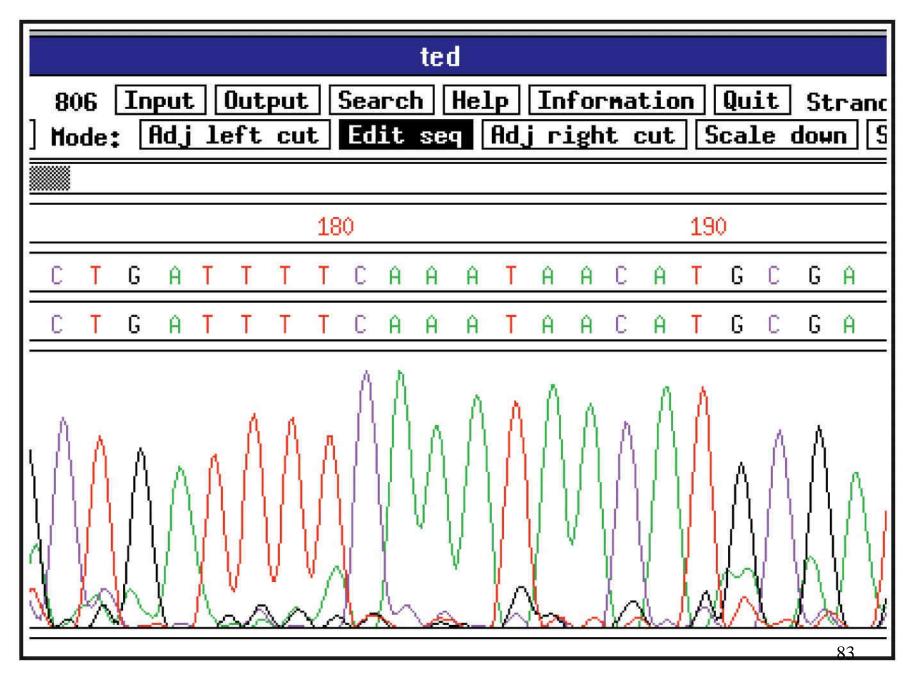


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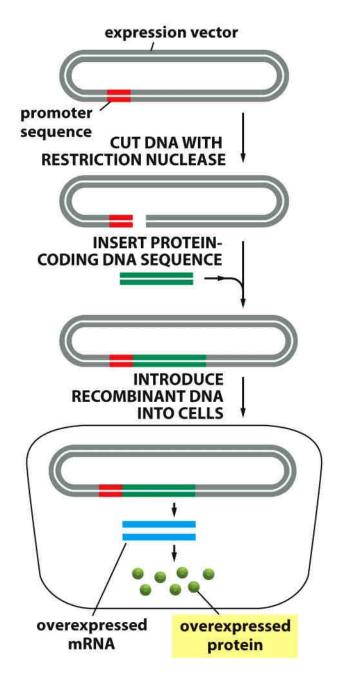
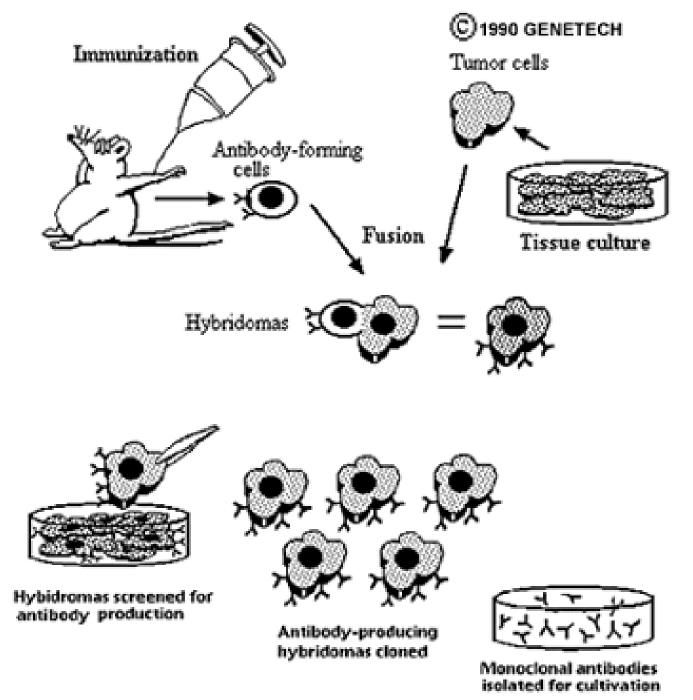
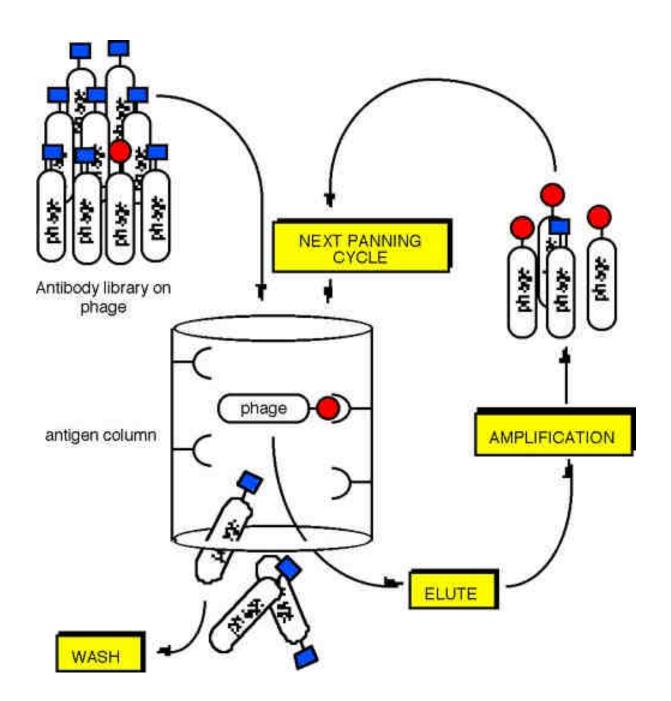


Figure 10-24 Essential Cell Biology (© Garland Science 2010)





Cell-ebrity