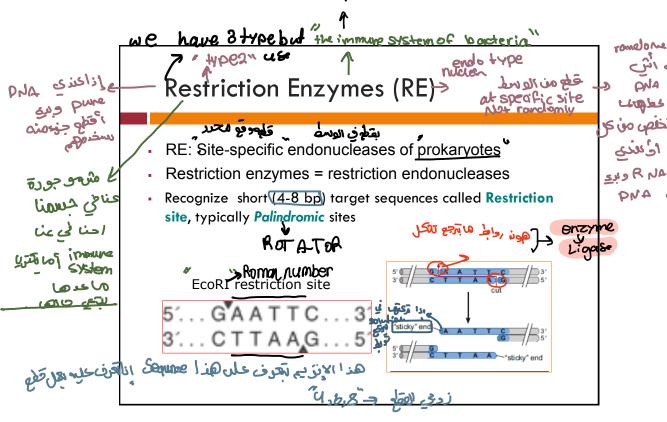
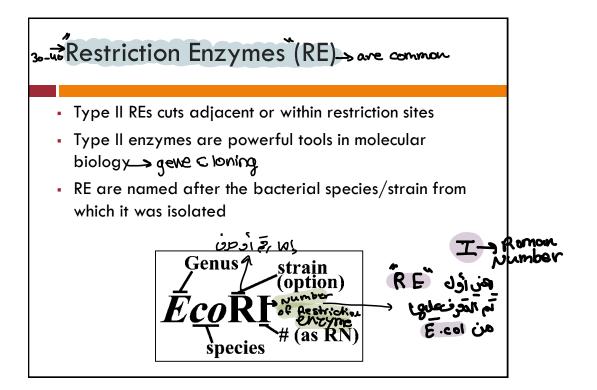
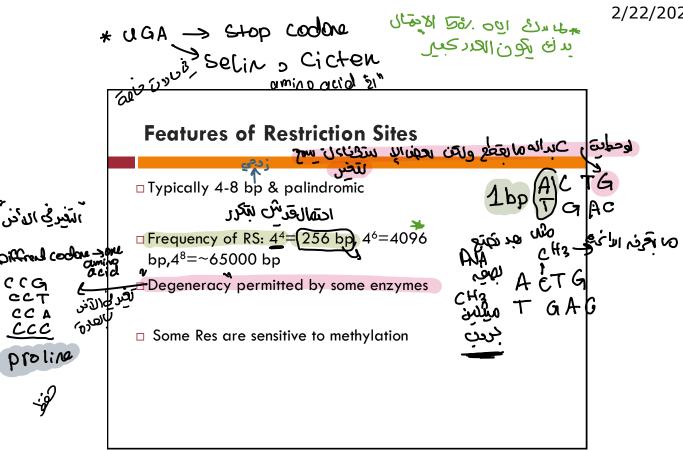


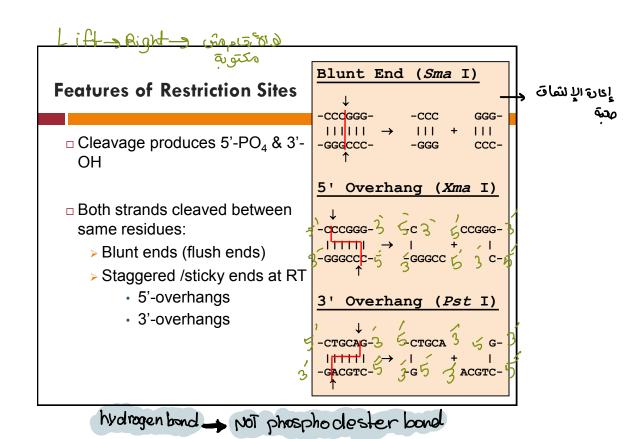
pnases

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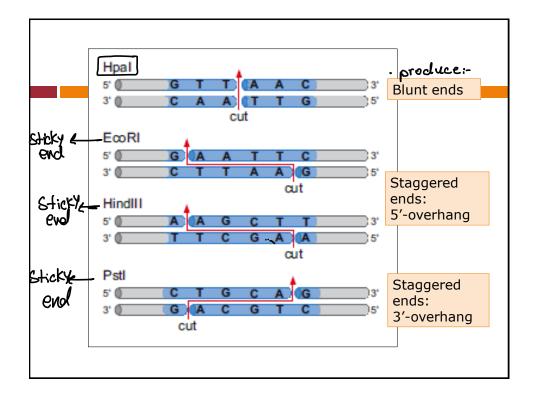


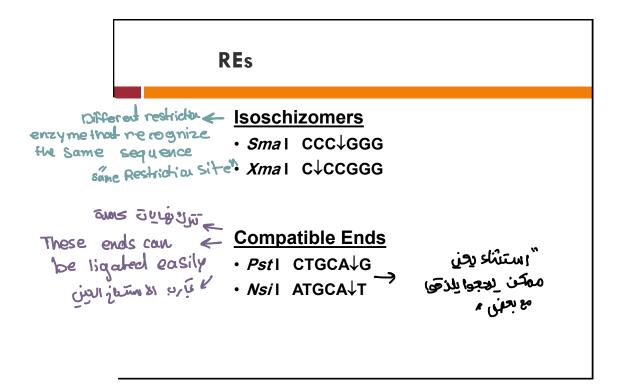


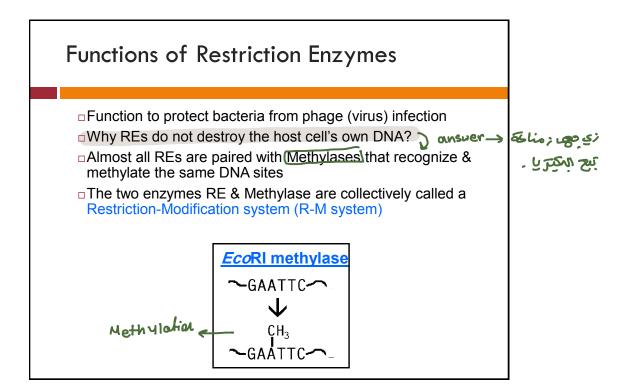




	. ,	Enzyme	Sequence	Cut	Site/ type of ends
هوالو ديدمن Aenus Genus	. تاي	ر <mark>ام مش ہم رہ</mark> Sau3A	5 '- GATC-3'	frequency 0.25 kb	Tetrameric site/ sticky
		EcoRI	5'-G AATTC-3'	4 kb	Hexameric site / sticky
		Notl*	5'-GC GGCCGC- 3'	65 kb	Octomeric site / sticky
		Smal	5'-CCC GGG-3'	4 kb	Hexameric site /







Applications of REs

- Restriction mapping & RFLP analysis (discussed later??)
- Cloning: Insertion of DNA fragments into cloning vectors
- $\hfill\Box$ Restriction or digestion of DNA by RE
 - □ Usually done in the appropriate buffer and temperature, in a small volume (~20µl)
 - Digested DNA fragments are analyzed by agarose gel electrophoresis

