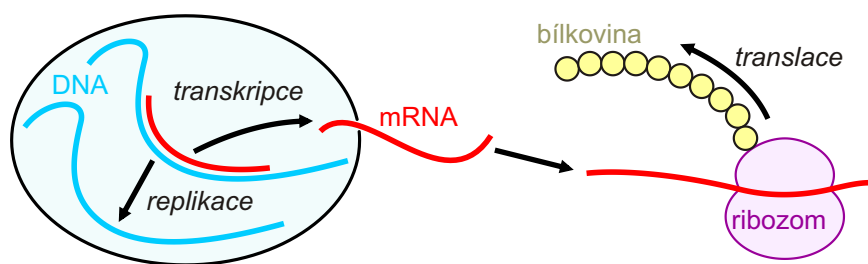
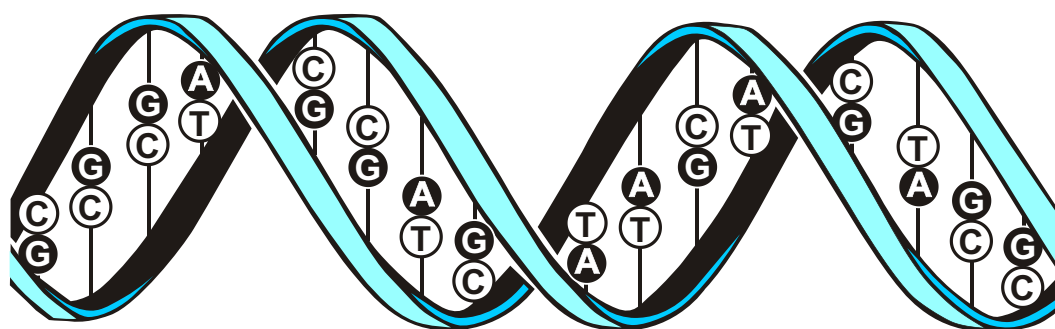
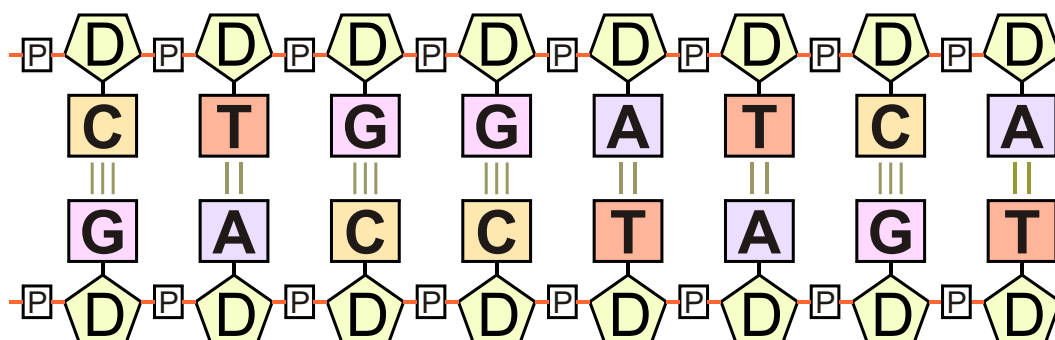


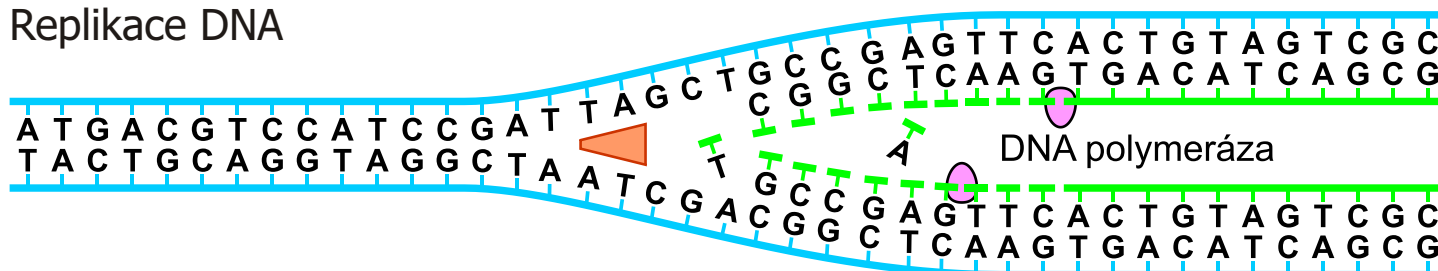
Základní dogma molekulární biologie



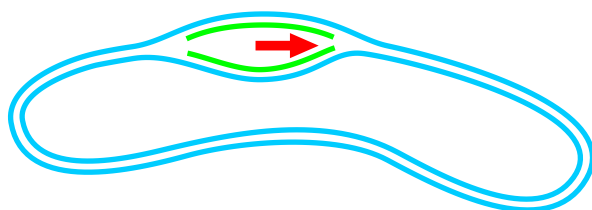
DNA



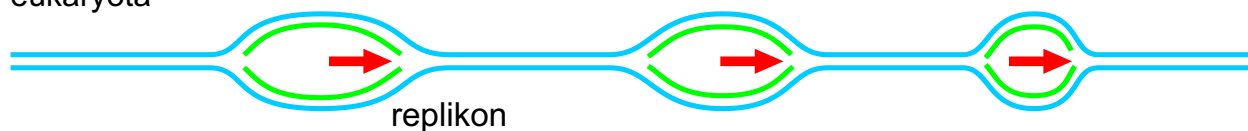
Replikace DNA



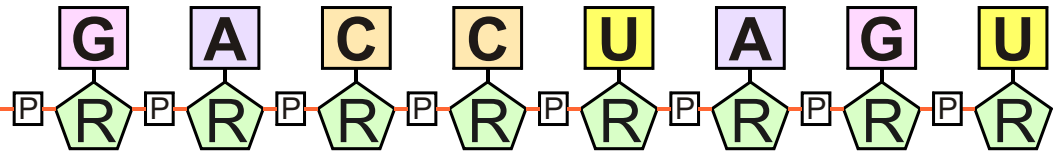
prokaryota



eukaryota

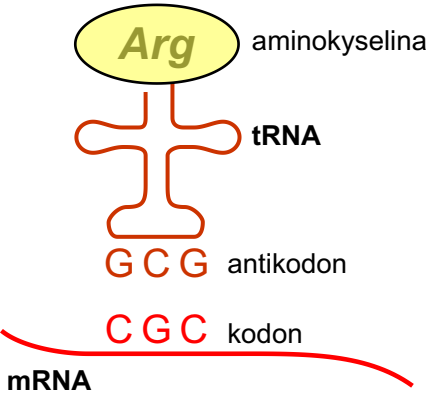


RNA

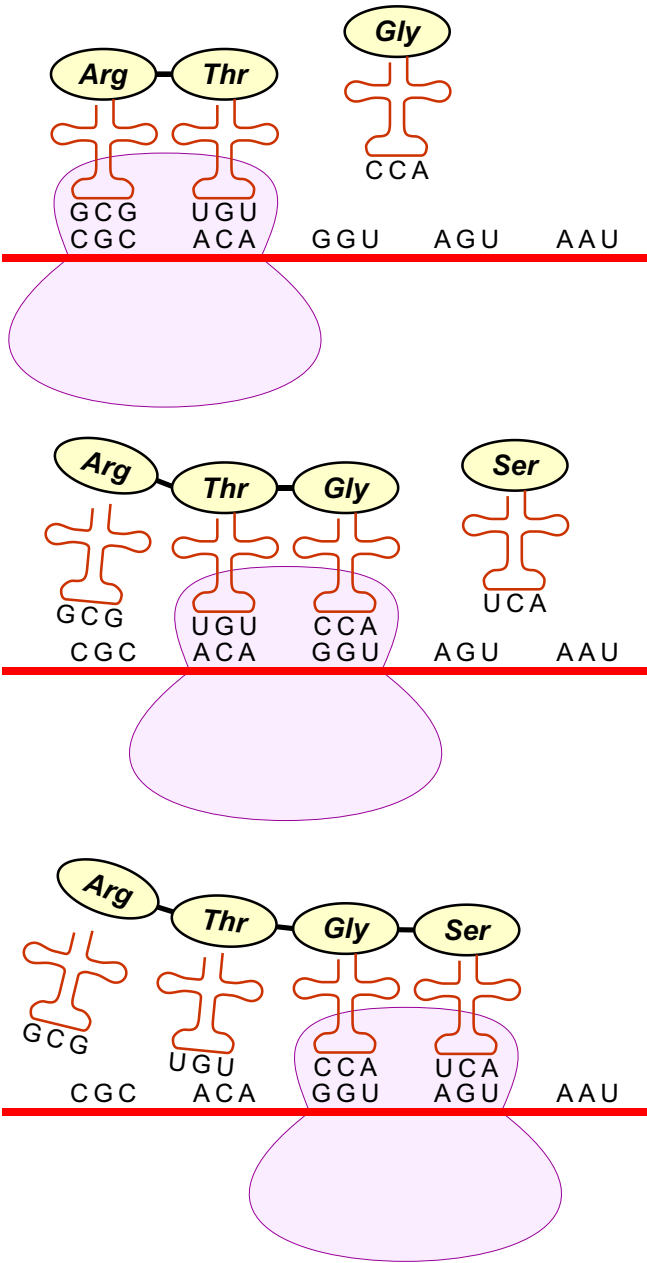


Tabulka kodonů

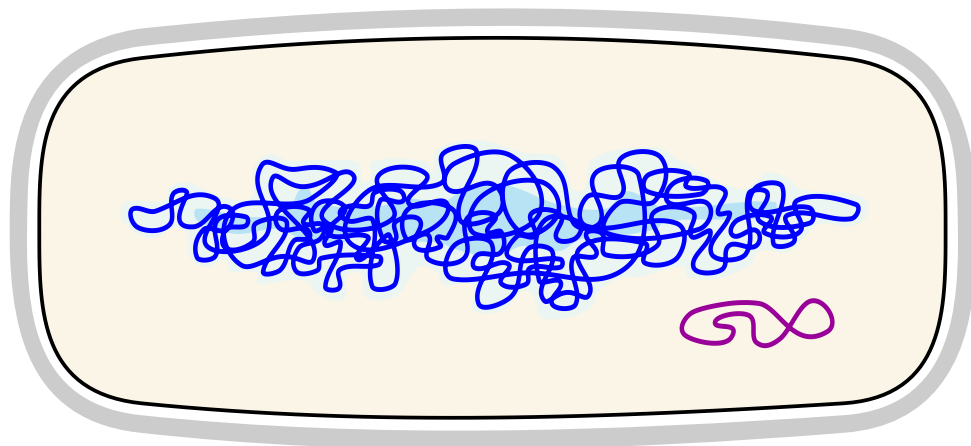
		2. báze			
		U	C	A	G
1. báze	U	UUU fenylalanin	UCU serin	UAU tyrosin	UGU cystein
		UUC fenylalanin	UCC serin	UAC tyrosin	UGC cystein
		UUA leucin	UCA serin	UAA Stop	UGA Stop
		UUG leucin	UCG serin	UAG Stop	UGG tryptofan
	C	CUU leucin	CCU prolin	CAU histidin	CGU arginin
		CUC leucin	CCC prolin	CAC histidin	CGC arginin
		CUA leucin	CCA prolin	CAA glutamin	CGA arginin
		CUG leucin	CCG prolin	CAG glutamin	CGG arginin
	A	AUU isoleucin	ACU threonin	AAU asparagin	AGU serin
		AUC isoleucin	ACC threonin	AAC asparagin	AGC serin
		AUA isoleucin	ACA threonin	AAA lysin	AGA arginin
		AUG methionin, Start	ACG threonin	AAG lysin	AGG arginin
	G	GUU valin	GCU alanin	GAU kys. asparagová	GGU glycin
		GUC valin	GCC alanin	GAC kys. asparagová	GGC glycin
		GUA valin	GCA alanin	GAA kys. glutamová	GGA glycin
		GUG valin	GCG alanin	GAG kys. glutamová	GGG glycin



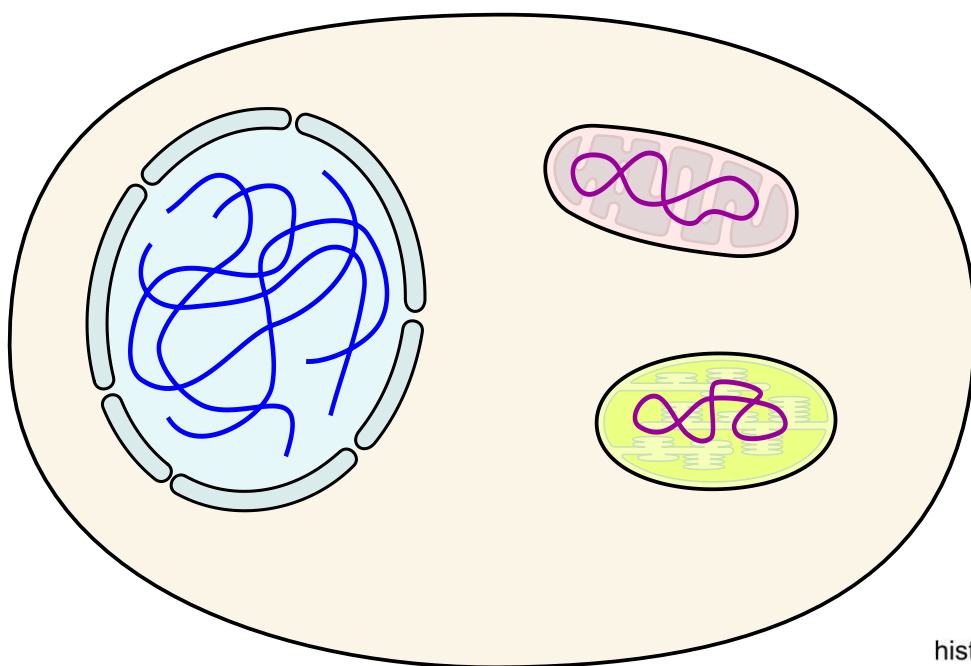
Translace (proteosyntéza)



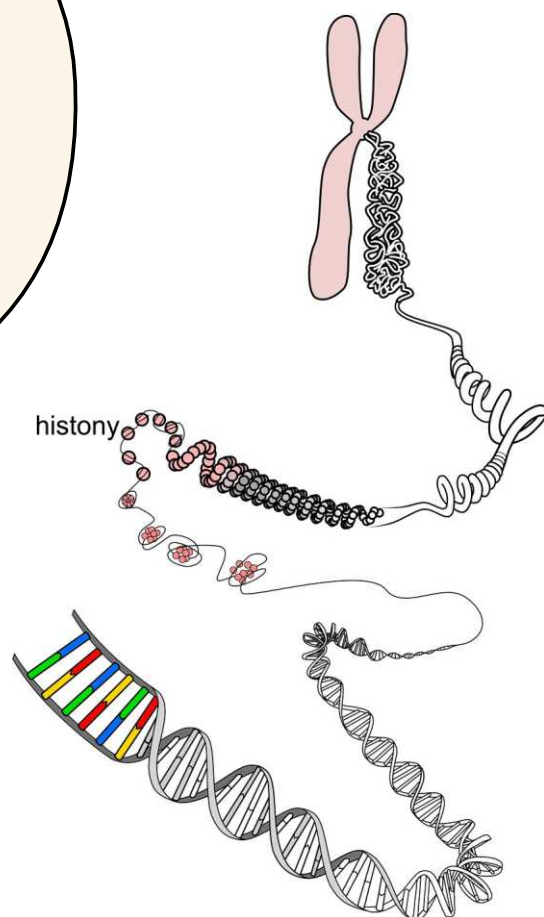
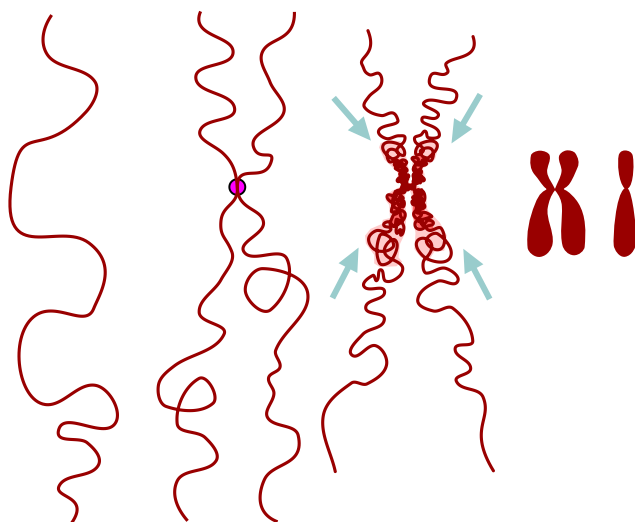
Genetická informace v prokaryotické buňce



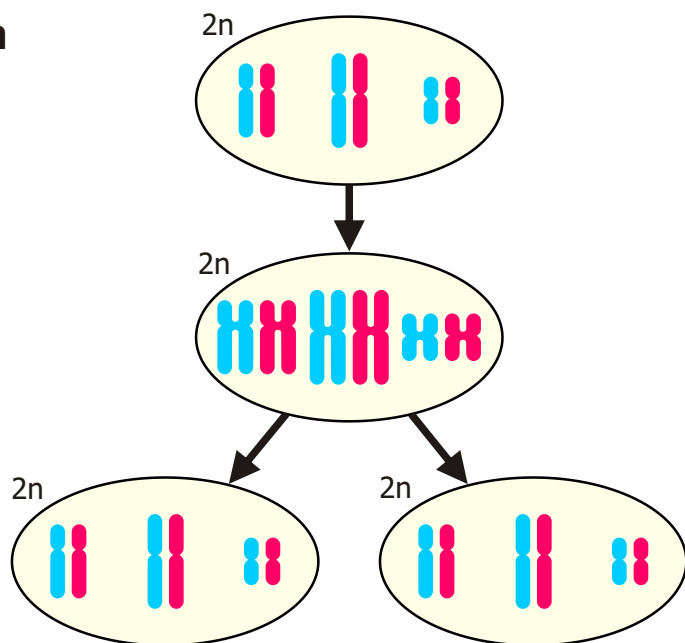
Genetická informace v eukaryotické buňce



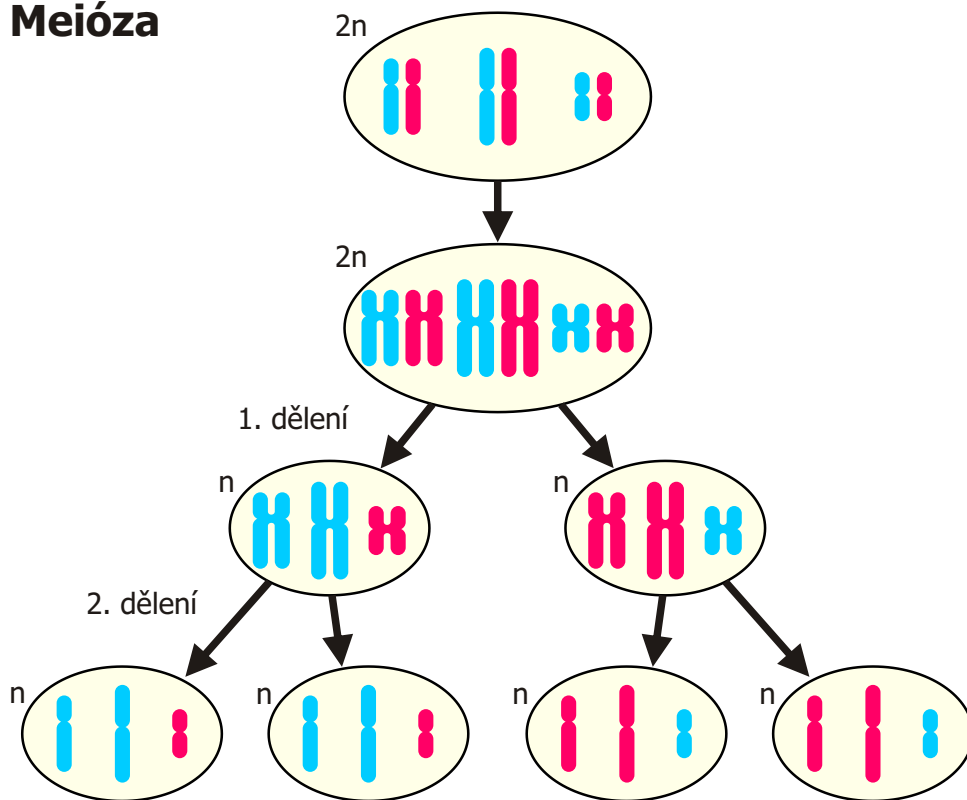
Změny chromozomu eukaryot v průběhu mitózy a meiózy



Mitóza



Meióza



Crossing-over při meióze

