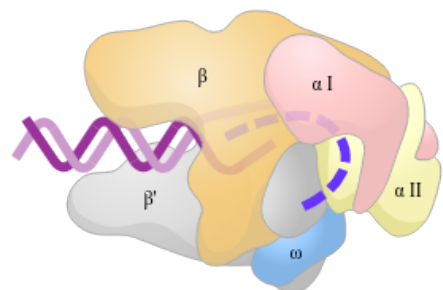


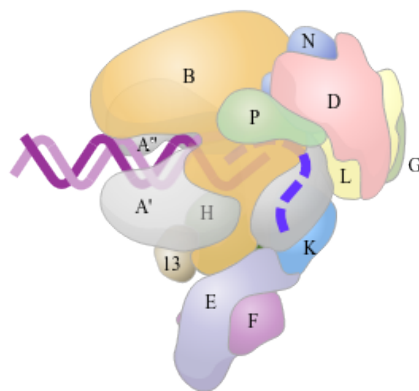
# RNA POLYMERASE



RNA polymerase (*Thermus aquaticus*)

Bacterial

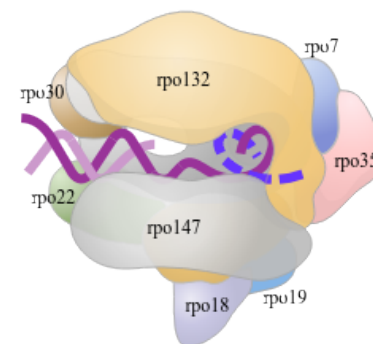
$\beta$	$\alpha$	$\omega$	$\delta$
$\beta'$			



RNA polymerase (*Saccharolobus solfataricus*)

Archaeal

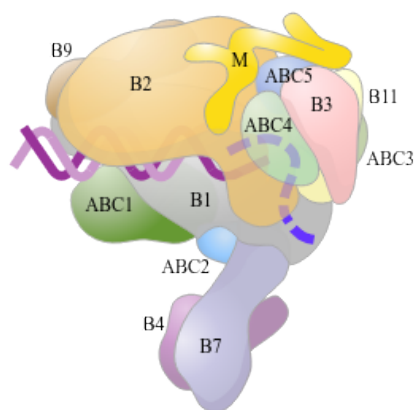
B	D	E	F	G	H
A	L	K	N	P	I3



RNA polymerase (*Vaccinia virus*)

Viral

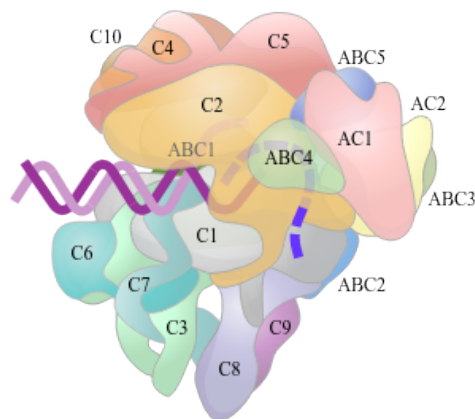
rpo132	rpo7	rpo30	rpo22
rpo147	rpo35	rpo19	rpo18



RNA polymerase II (*Homo sapiens*)

Eukaryotic Pol II

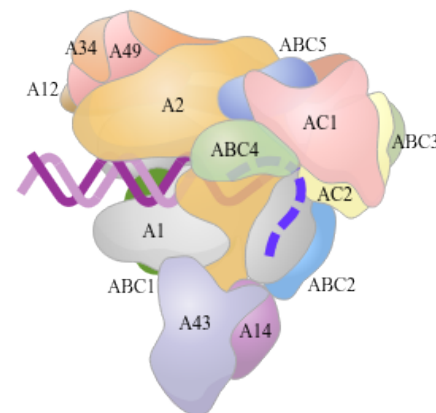
Core subunits		Pol II specific subunits		
B2	B3	B4	B7	B9
B1	B11			M



RNA polymerase III (*Homo sapiens*)

Eukaryotic Pol III

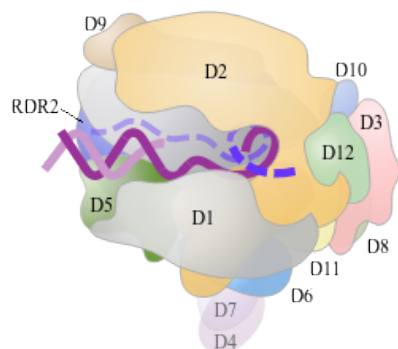
Core subunits		Pol III specific subunits			
C2	AC2	C3	C4	C5	C6
C1	AC1	C7	C8	C9	C11



RNA polymerase I (*Saccharomyces cerevisiae*)

Eukaryotic Pol I

Core subunits		Pol I specific subunits		
A2	AC2	A12	A14	A34
A1	AC1		A43	A49



RNA polymerase IV (*Arabidopsis thaliana*)

Pol I, II, and III common subunits

ABC1	ABC2	ABC3	ABC4	ABC5
D5/E5	D6/E6	D8/E8	D12/E12	D10/E10

Pol IV, V specific subunit

D1	D2/E2	D7/E7
E1		