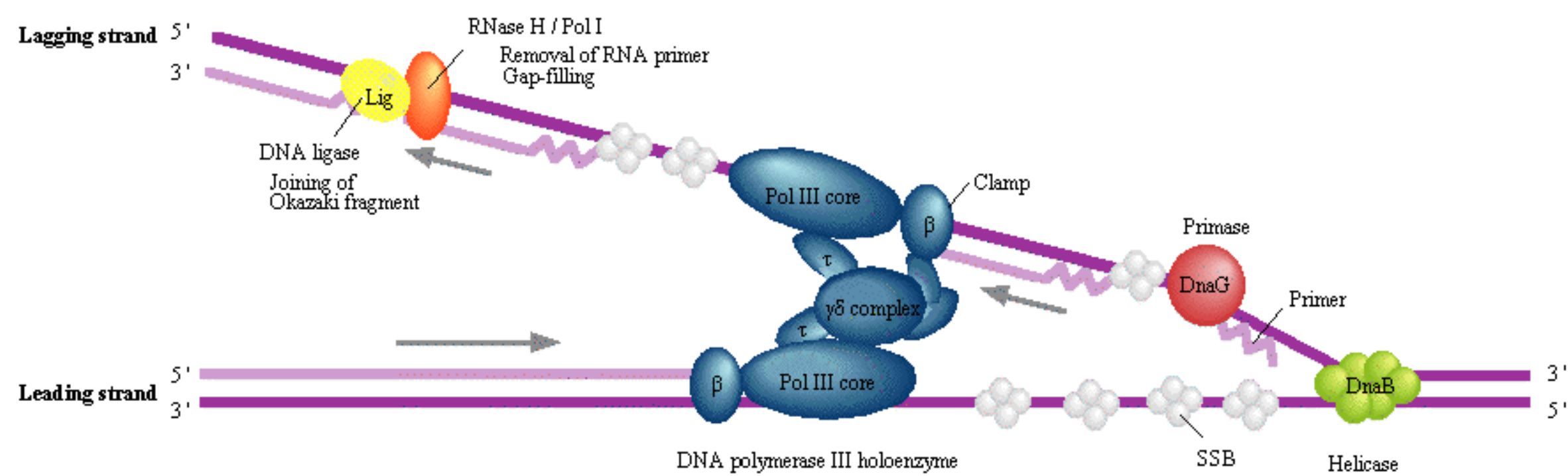


DNA REPLICATION

Replication complex (Bacteria)



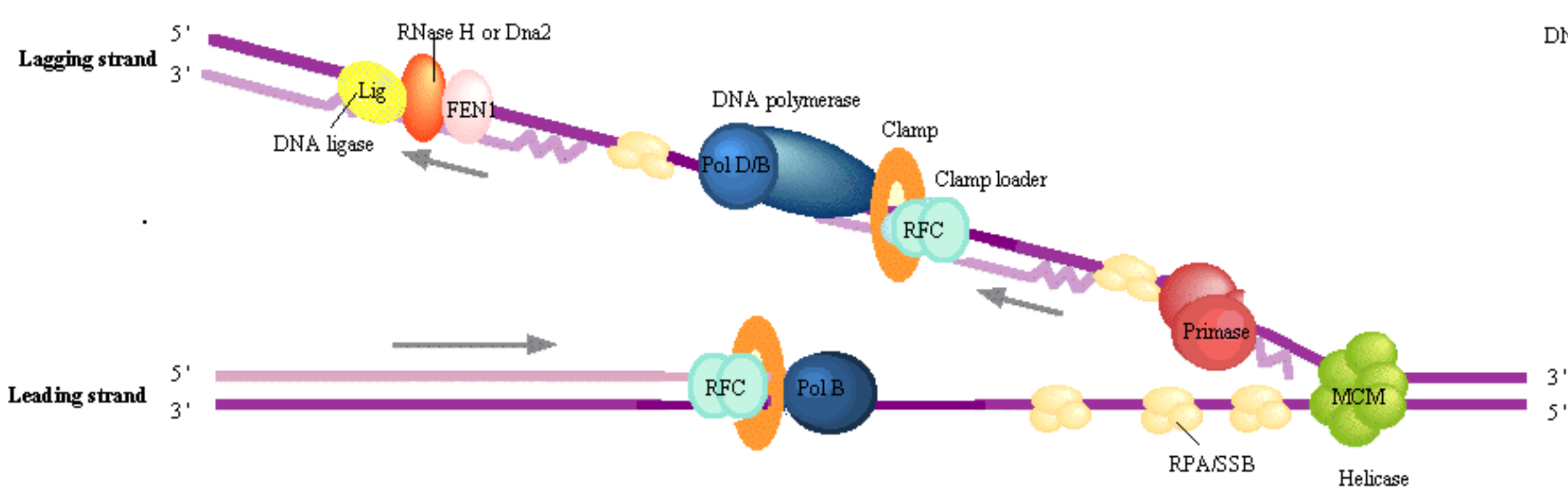
DNA polymerase III holoenzyme

		K02345	Pol III core
		dnaQ	
		dnaE	
		dnaX	
Clamp	K02344	holB	yδ complex
	dnaN	K02339	

Helicase	Primase	
dnaB	dnaG	P9301_18151

RNaseH	DNA polymerase I	DNA ligase
rnhA	polA	P9301_07411...
rnhB		
K03471		

Replication complex (Archaea)



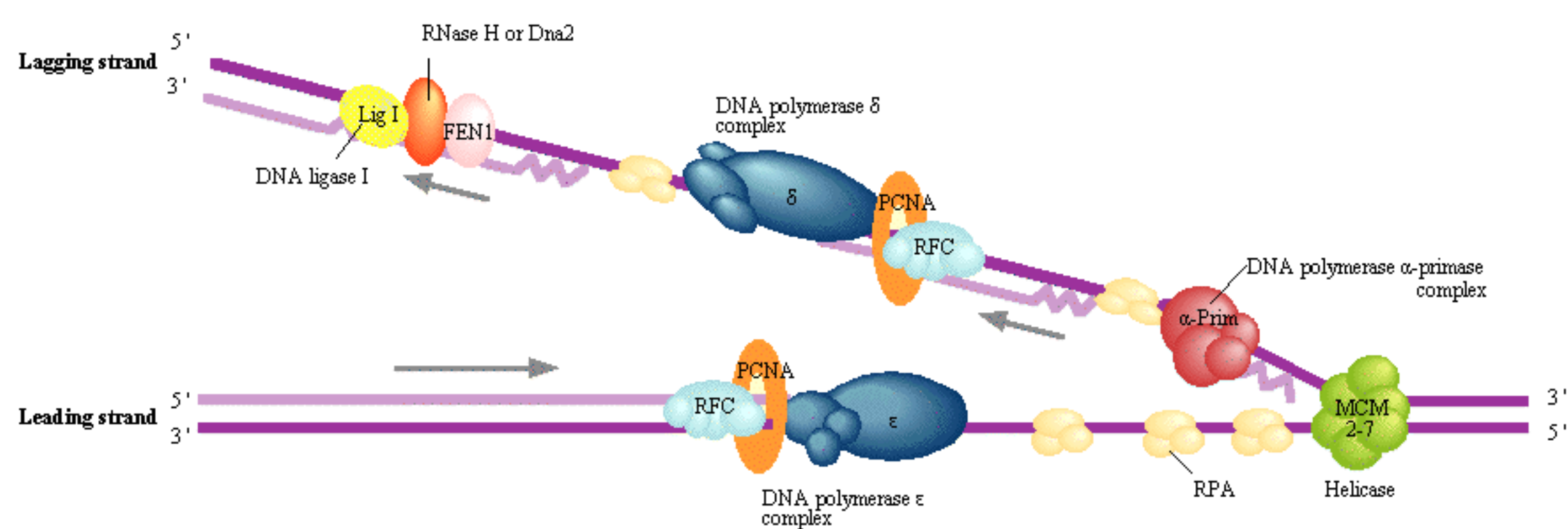
DNA polymerase B	DNA polymerase D
K02319	K02323
	K02322

Helicase	Primase	RPA/SSB
K10726	K02683	K07466
	K18882	

Clamp	Clamp loader	RNaseH
K04802	K04801	rnhA
	K04800	rnhB

Helicase		DNA ligase
K10742	K04799	P9301_07831...

Replication complex (Eukaryotes)



DNA polymerase α -primase complex

K02320	K02321	K02684	K02685
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DNA polymerase δ complex

K02327	K02328	K03504	K03505
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DNA polymerase ϵ complex

K02324	K02325	K02326	K03506
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MCM complex (helicase)

K02540	K02541
K02212	K02209
K02542	K02210

RPA

K07466
K10739...
K10740

Clamp

K04802

Clamp loader

K10754	K10755	K10756
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RNaseHI

rnhA

RNaseHII

K10743	K10744	K10745
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Helicase

K10742

DNA ligase

K04799

P9301_07831...
