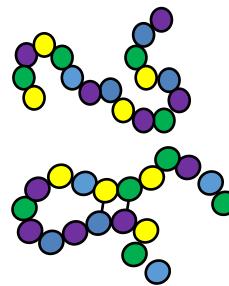


A pool of four nucleotides

(1)  
Random  
Polymelyzation



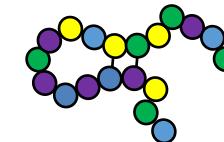
(2)  
Hydrolysis and  
complementary  
strand synthesis



Mutation  
(3)  
Transcription

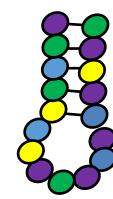
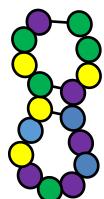


(4)  
Hydrolysis and  
complementary  
strand synthesis

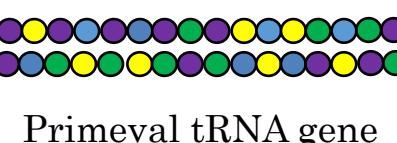


Mutation

Transcription

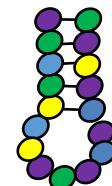


Hydrolysis and  
complementary  
strand synthesis



Primeval tRNA gene

→



Primeval  
AntiC-SL  
tRNA