

# Bi8313: Praktikum z genového inženýrství (jaro 2017)

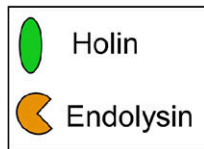
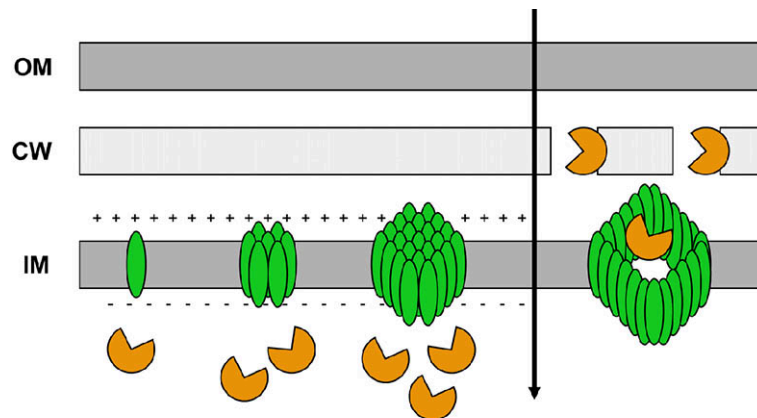
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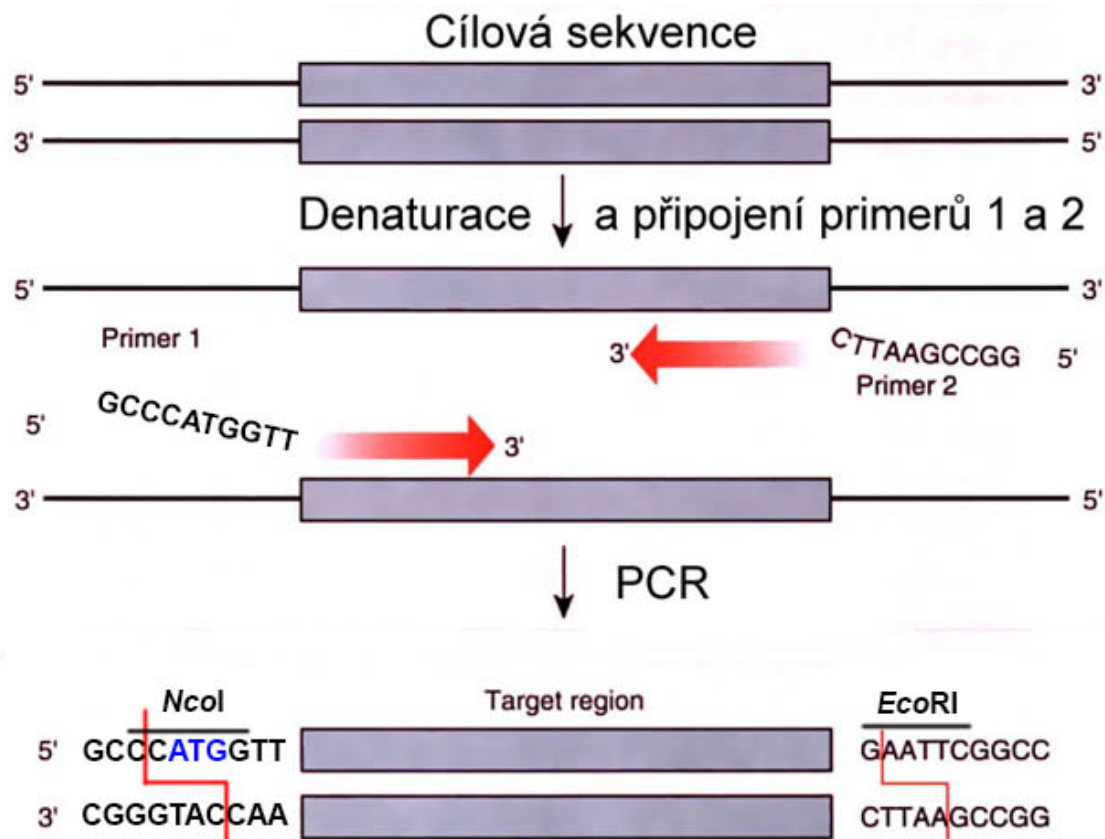
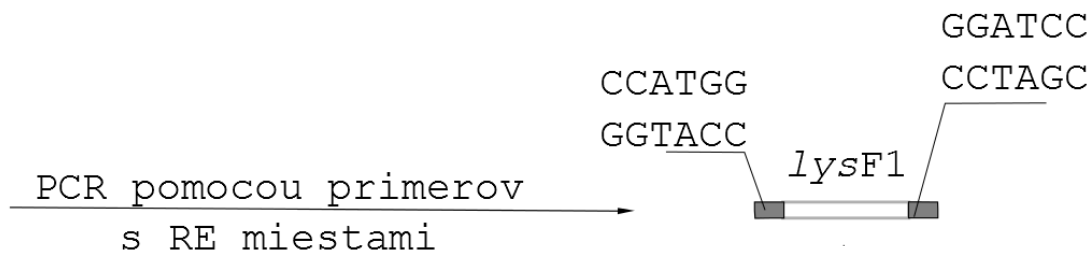
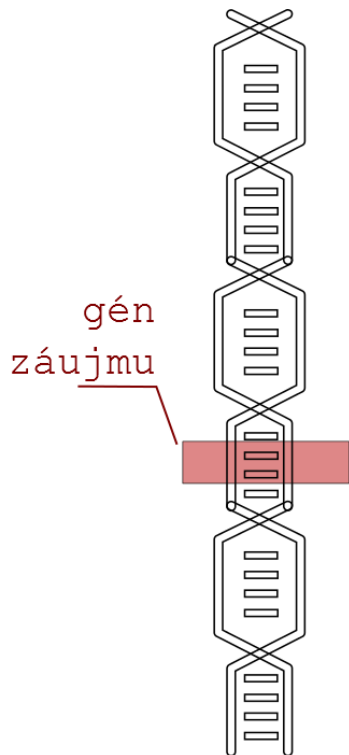
## Úvod do klonování

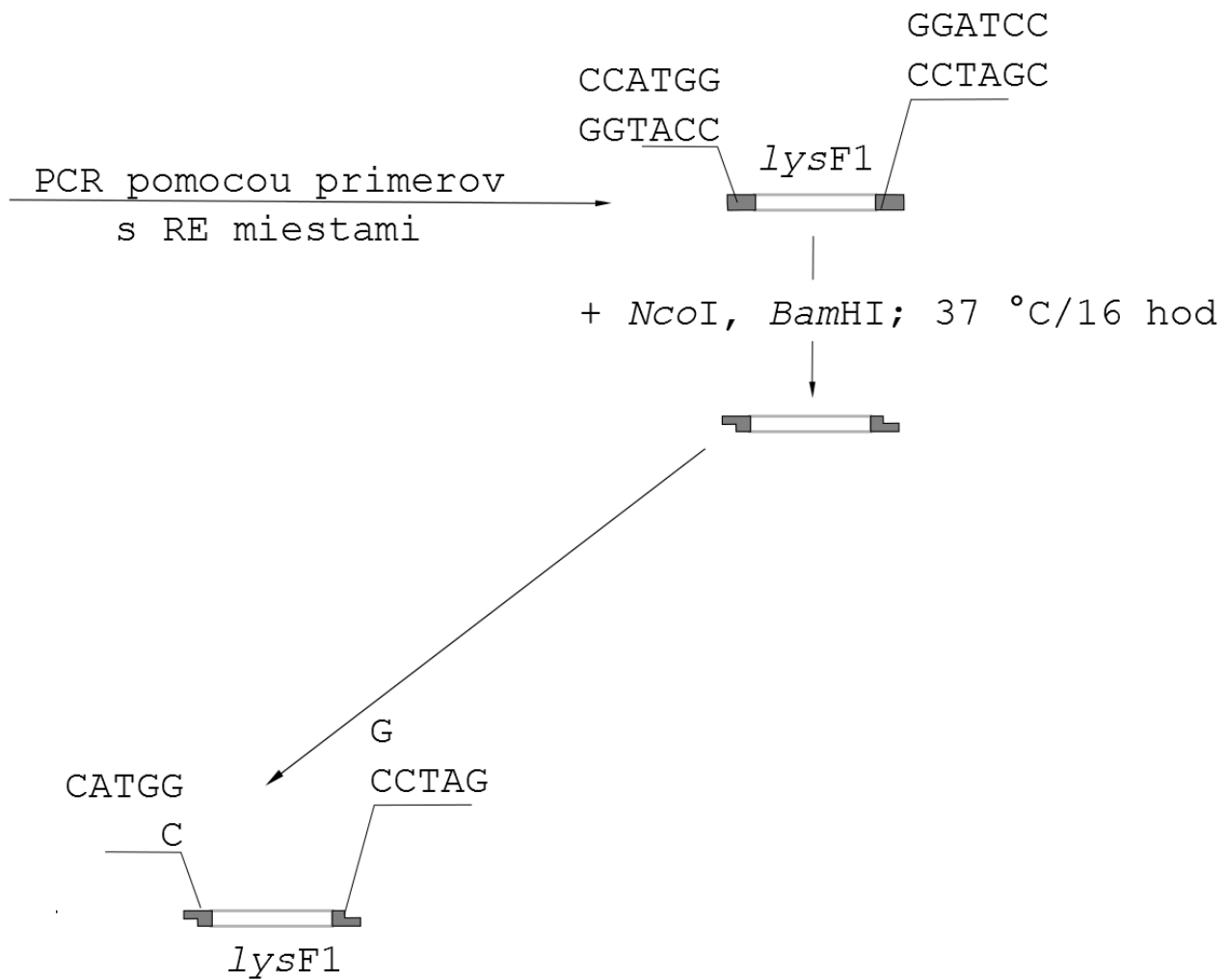
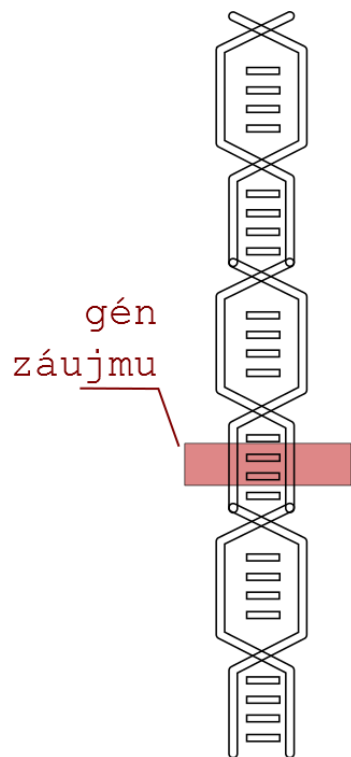


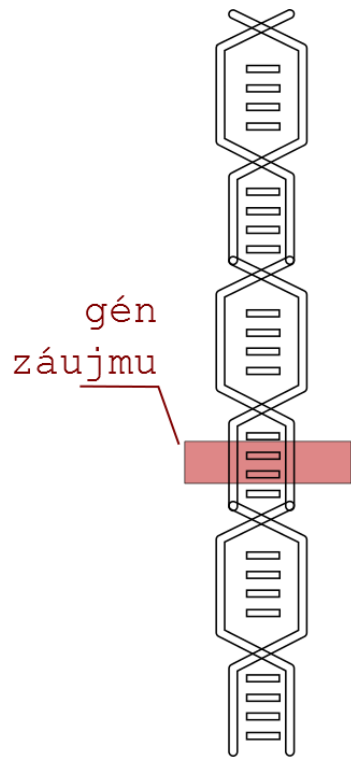
MASARYKOVA UNIVERZITA  
PŘÍRODOVĚDECKÁ FAKULTA  
ÚSTAV EXPERIMENTÁLNÍ BIOLOGIE  
LABORATOŘ MOLEKULÁRNÍ DIAGNOSTIKY MIKROORGANISMŮ

# POSTUP KLONOVANIA ENDOLYZINU

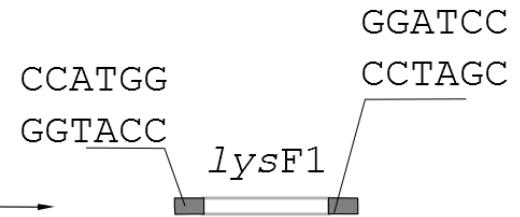




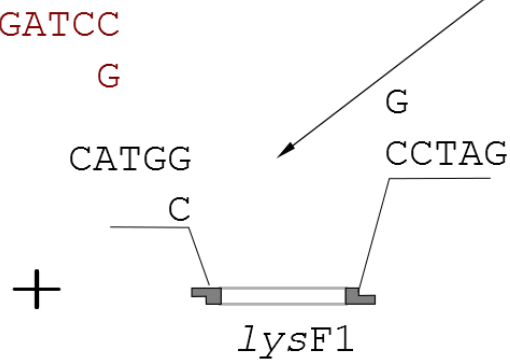
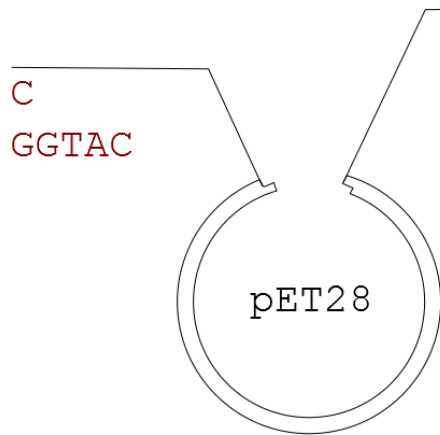


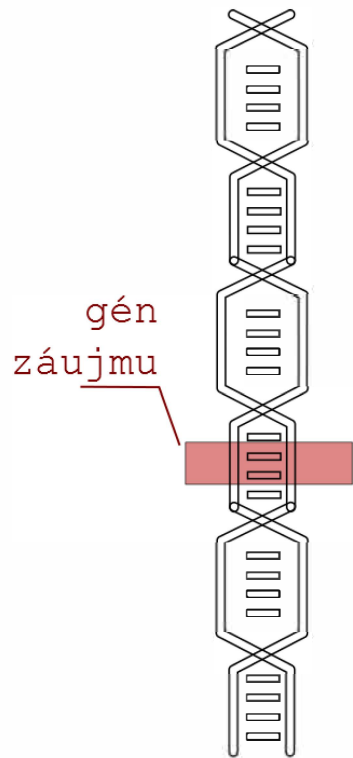


PCR pomocou primerov  
s RE miestami

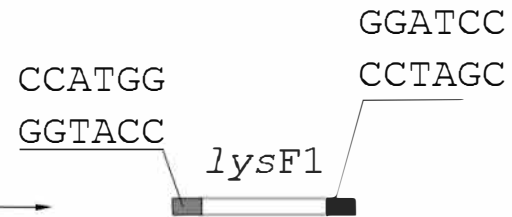


+ *NcoI*, *BamHI*; 37 °C/16 hod

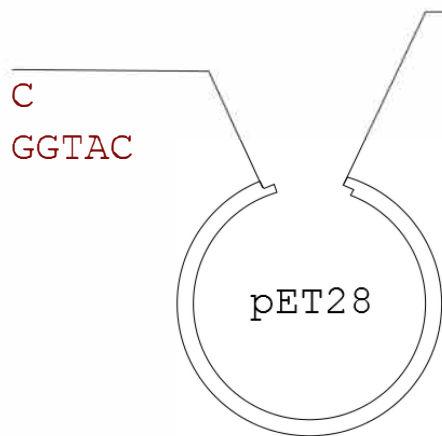




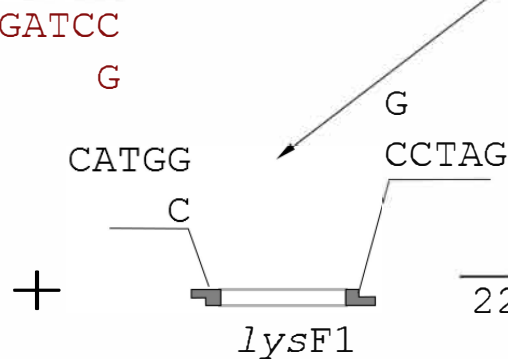
PCR pomocou primerov  
s RE miestami



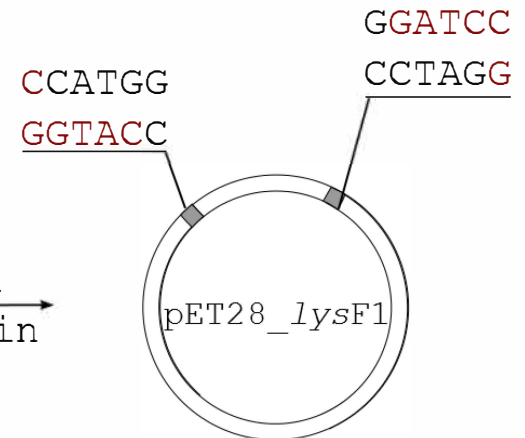
+ *NcoI*, *BamHI*; 37 °C/16 hod

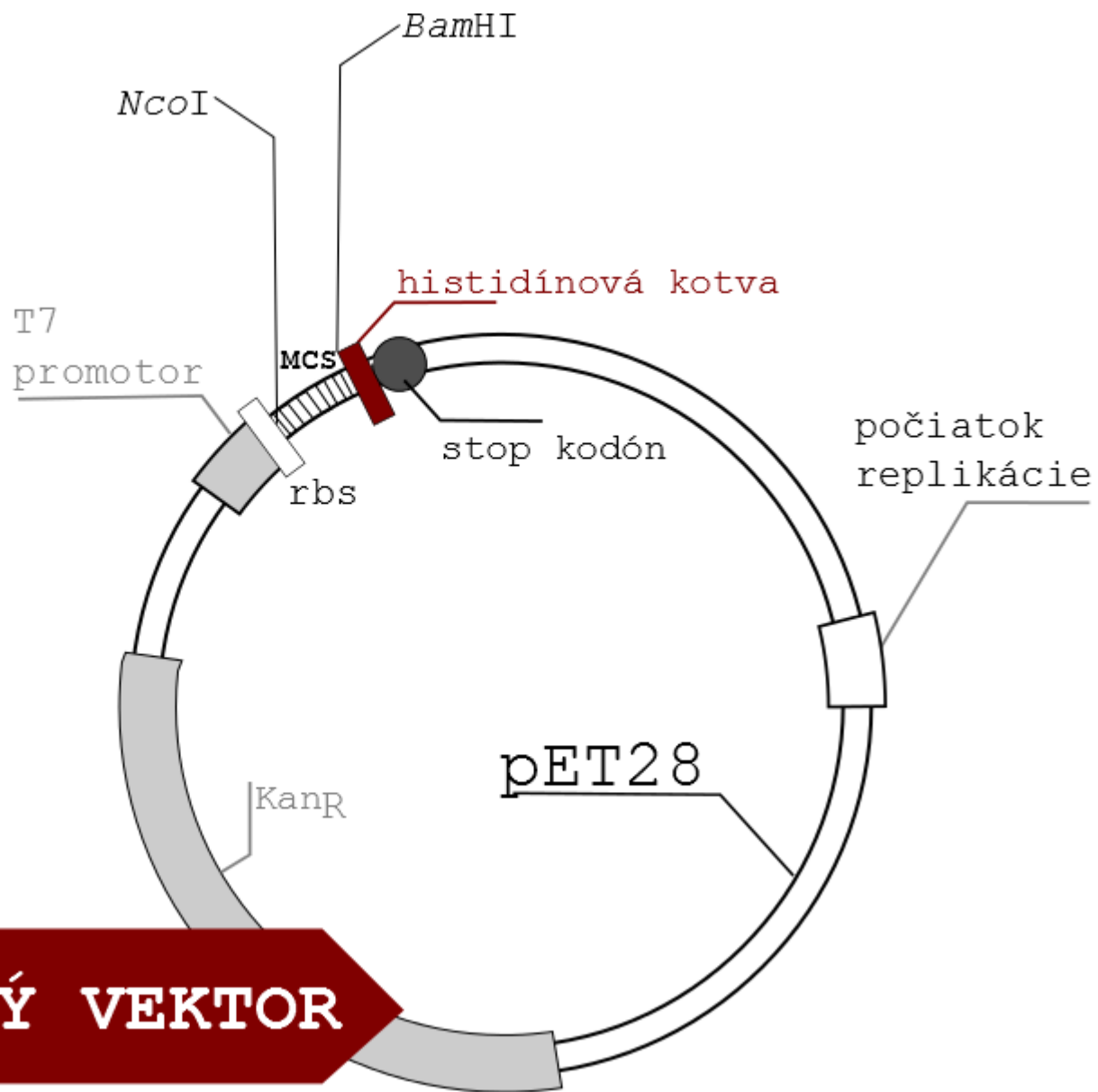


+fosfatáza  
37 °C, 60 min



+T4 ligáza  
22 °C, 60 min

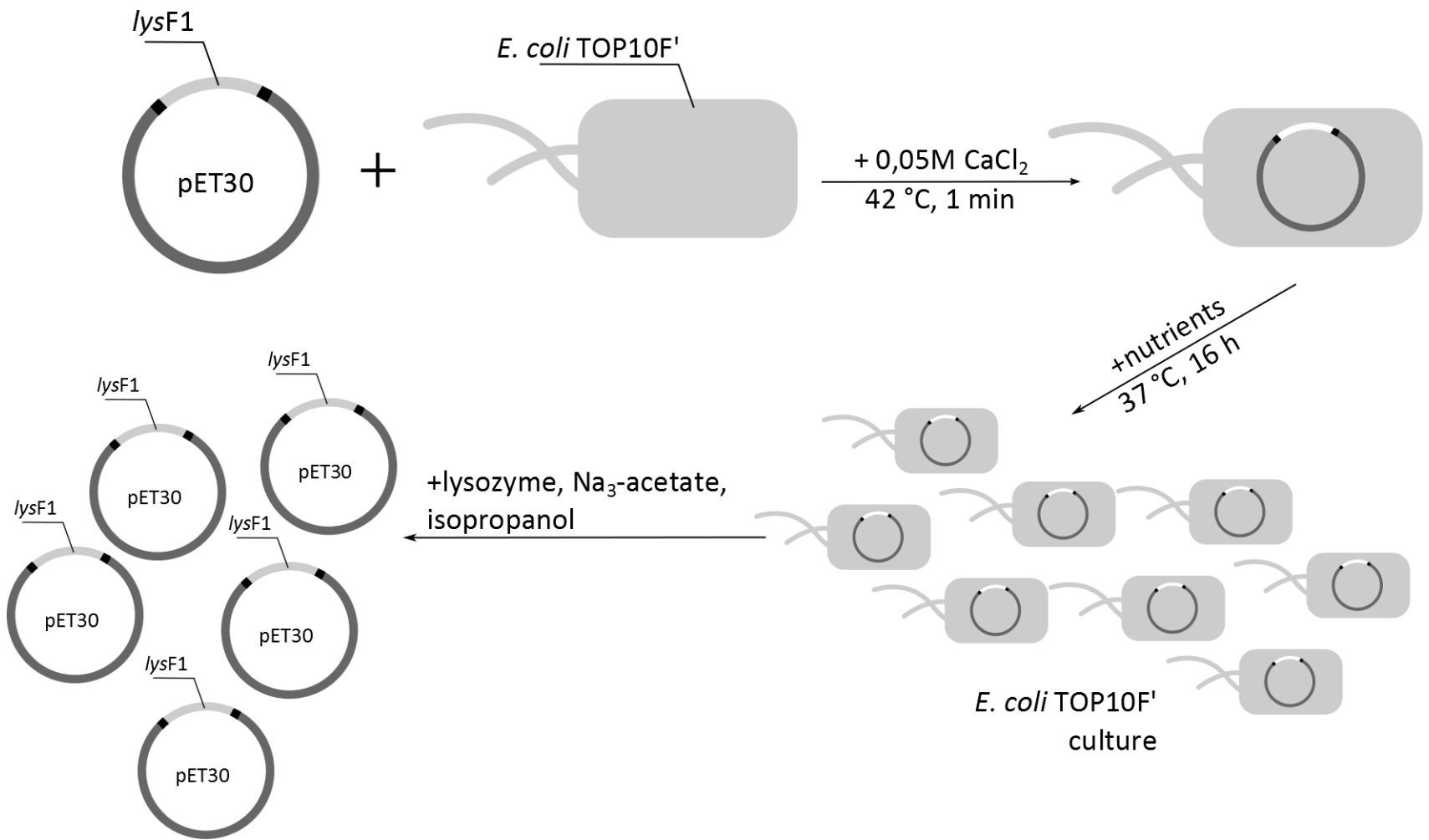


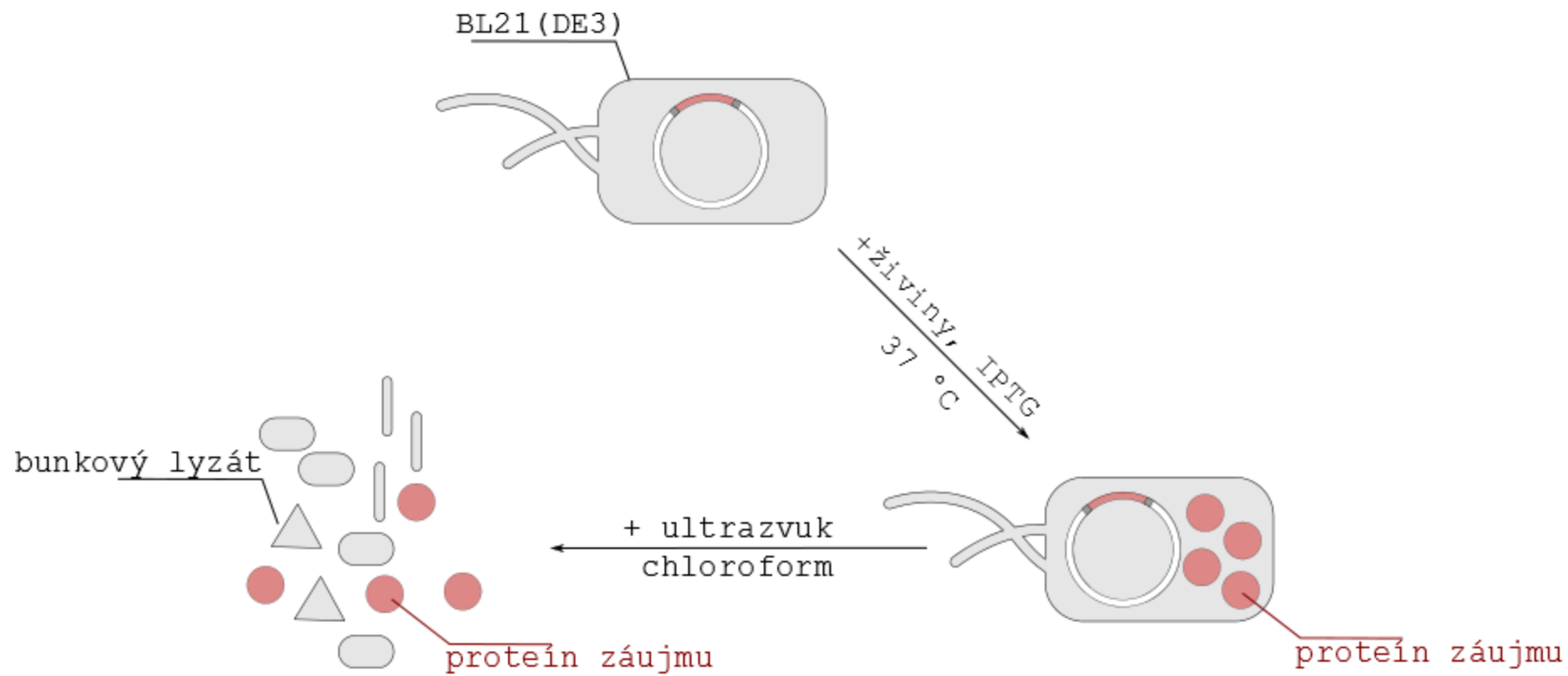


**EXPRESNÝ VEKTOR**

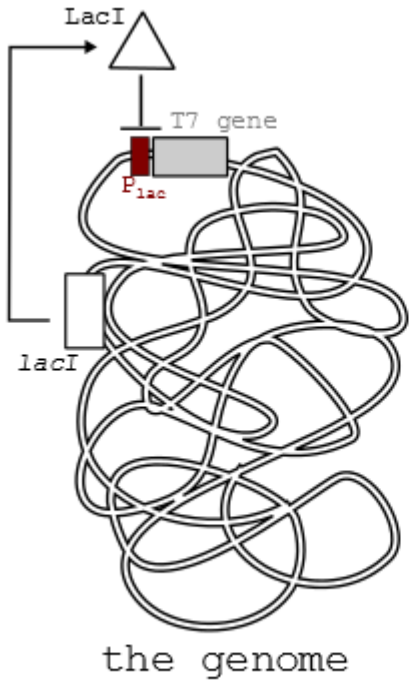
# TRANSFORMÁCIA *E. COLI*



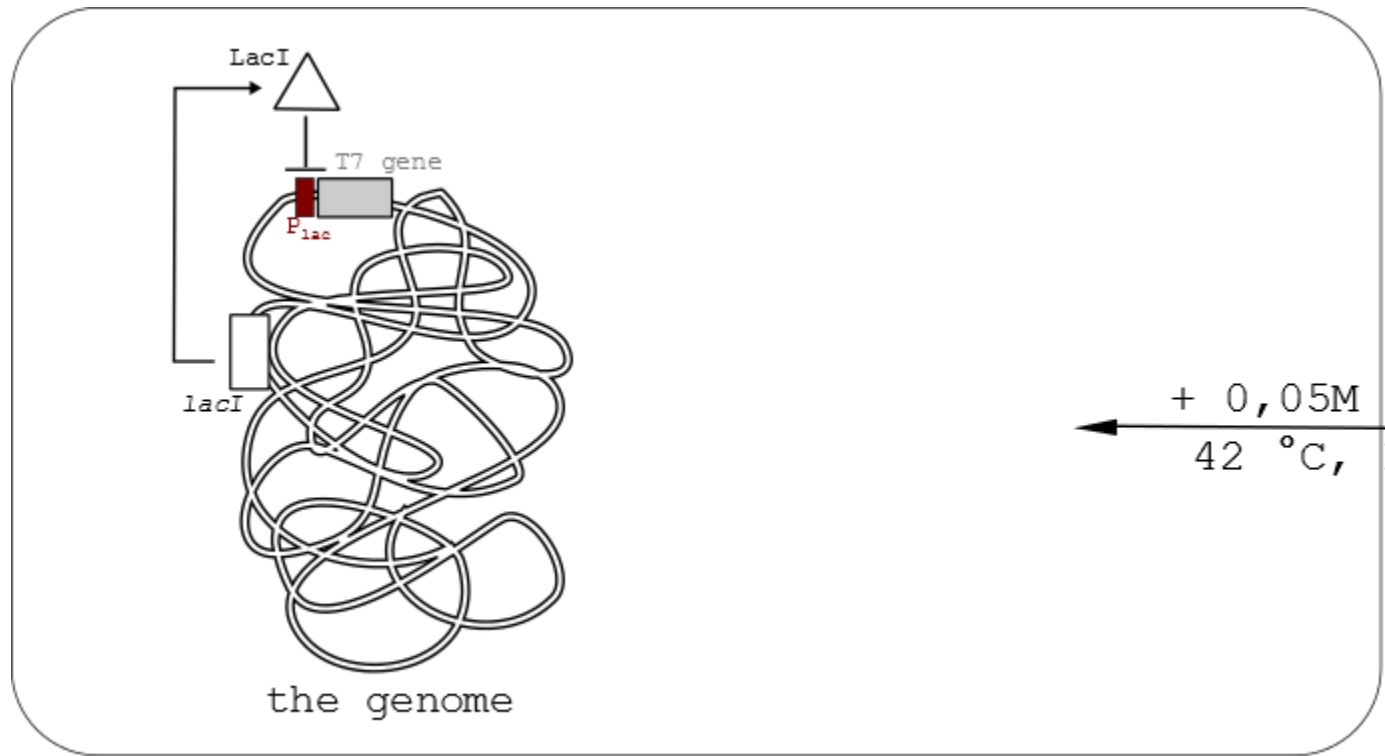




**EXPRESIA GÉNOV V *E. COLI* BL21 (DE3)**

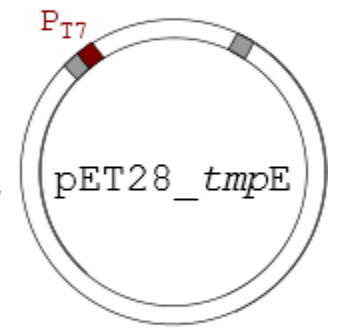


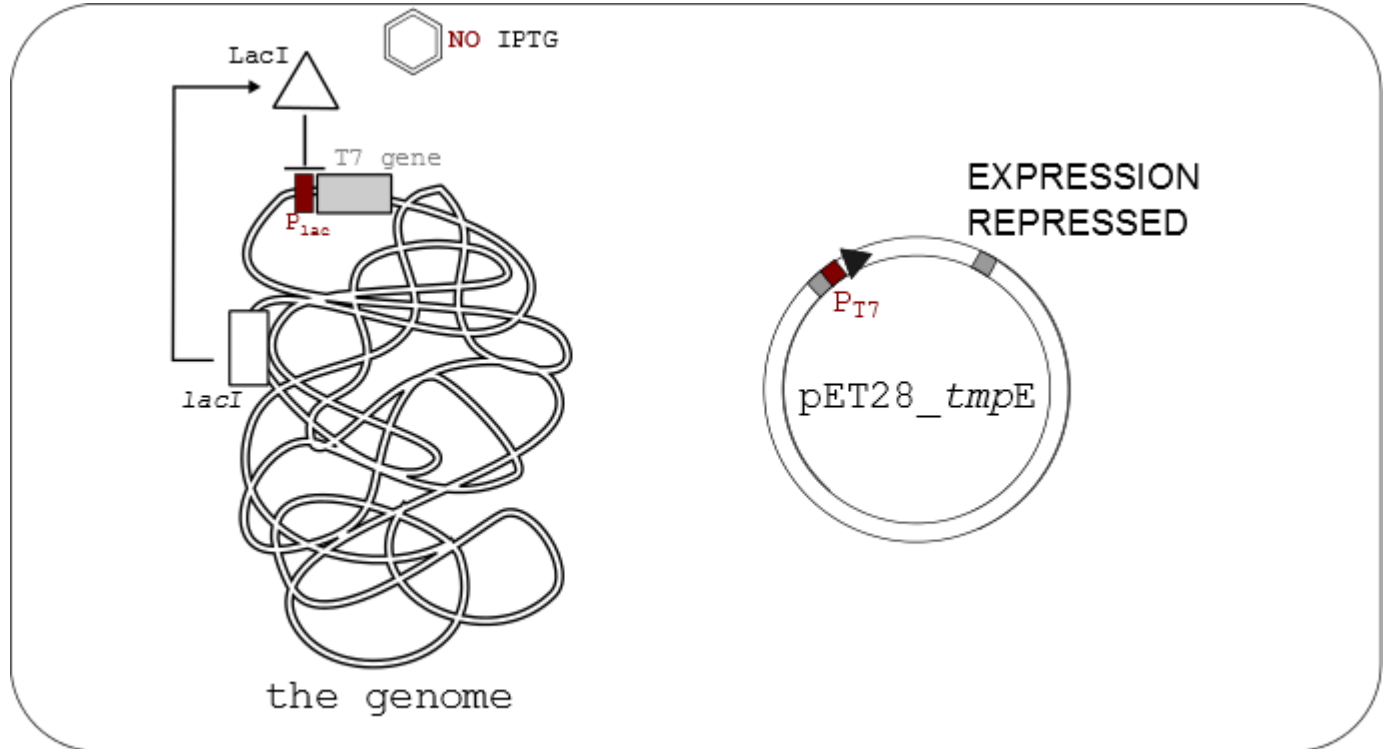
*E. coli* BL21 (DE3)



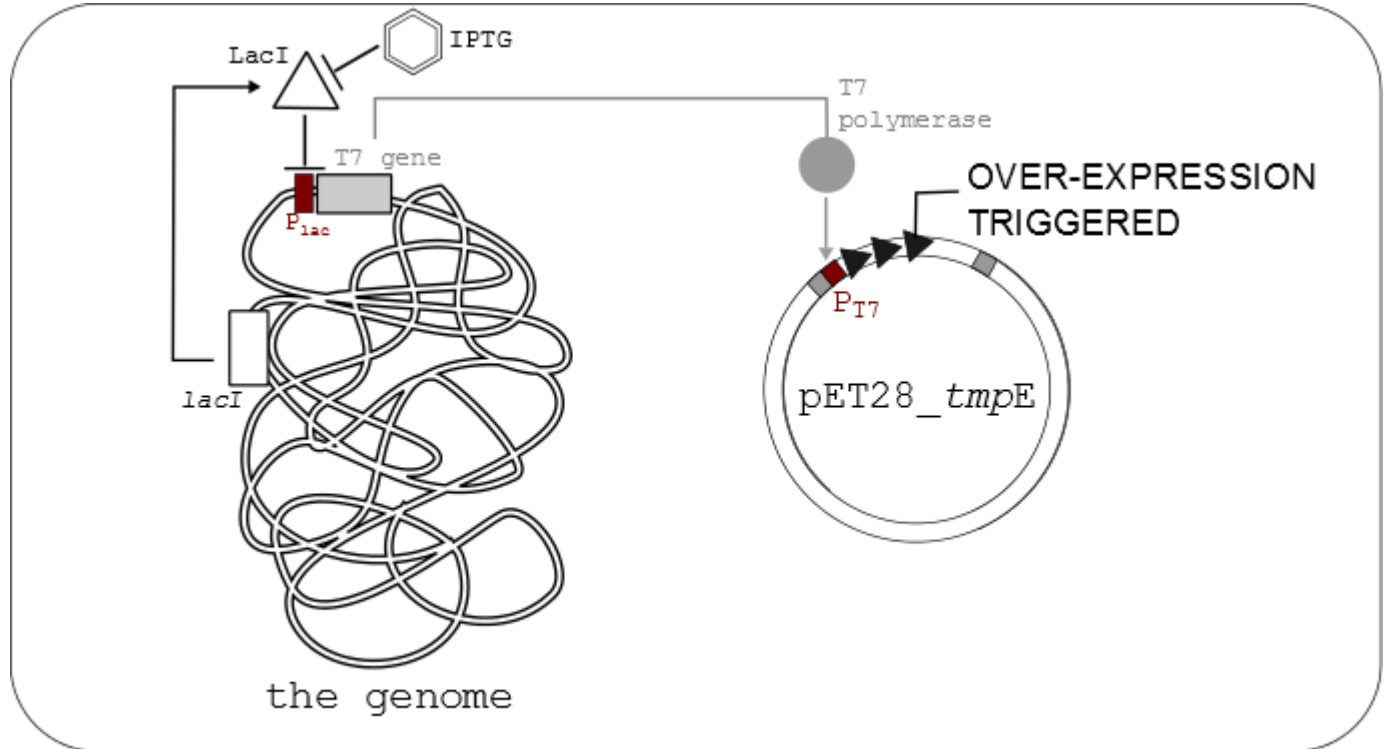
*E. coli* BL21 (DE3)

← + 0,05M CaCl<sub>2</sub>  
42 °C, 1 min





*E. coli* BL21 (DE3)



*E. coli* BL21 (DE3)