

Time : 8.17-8.18

1、Experimental purpose: Prepare *E.coli* DH5 α (contain pGLO-Cas9) competent; transform pTF-p15A plasmid

2、Material

E.coli DH5 α (contain pGLO-Cas9); pTF-p15A plasmid (444ng/ul)

3、Experimental procedure

(1) Prepare competent cells according to our protocol;

(2) transform according to our protocol;

Add the following volume plasmid to the competent cells:

	1	2
pTF-p15A	1 ul	0 ul

(3) Spread plate as shown below:

Minimal medium

	1		2
No.	A1	A2	A3
Amp	+	+	+
Spec	+	+	+
Ara	+	-	-

4、Results

	A1	A2	A3
CFU	0	0	0