

# GGA Method

with pClone Red

by

A. Malcolm Campbell and Todd Eckdahl

# Eco RI

GAATTC

CTTAAG

palindrome

type II

# Eco RI

**G**AATTC

CTTAAG

palindrome

type II

# Eco RI



type II

# Eco RI

G

AATTC

CTTAA

G

type II

# Bsa I

GAGACC

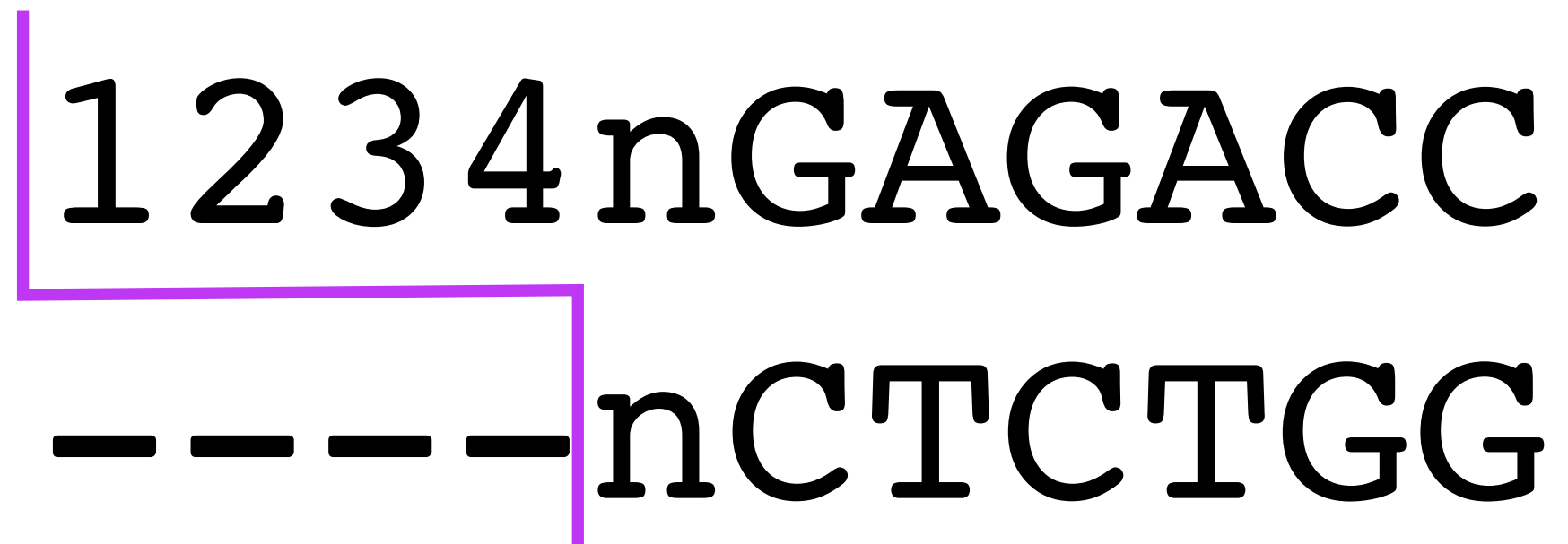
CTCTGG

not a  
palindrome

type II

# Bsa I

1 2 3 4 n G A G A C C  
- - - - n C T C T G G



type II

# Bsa I

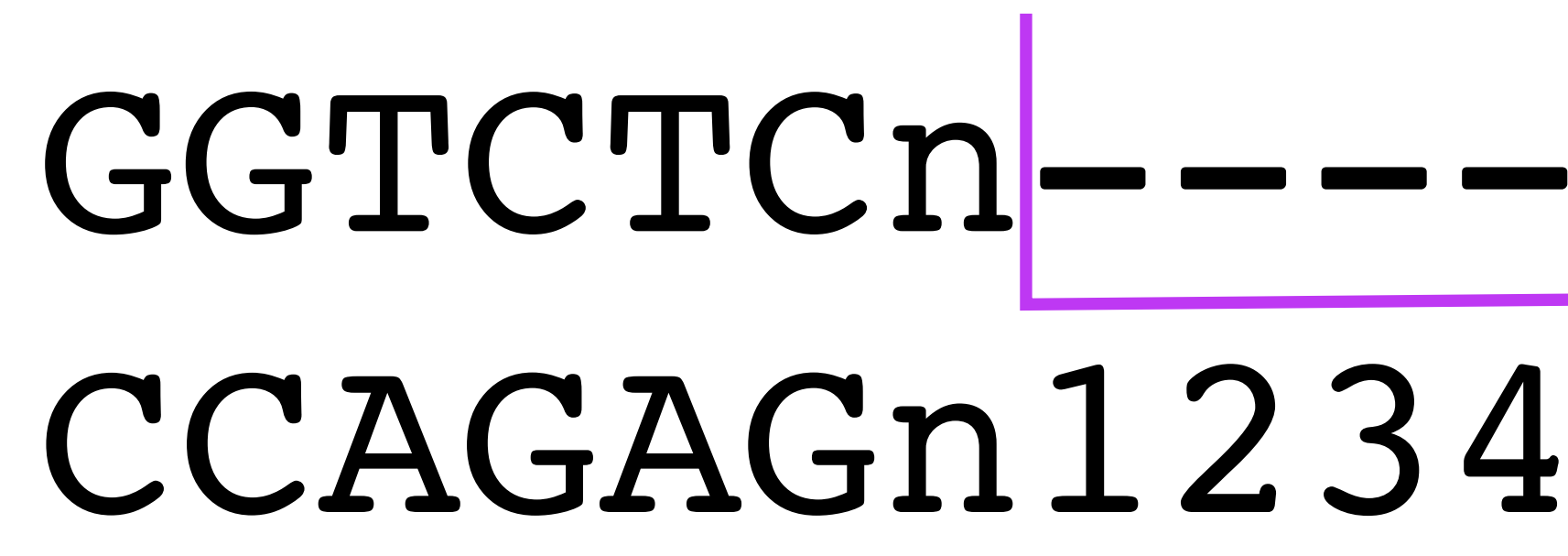
1 2 3 4 n G A G A C C  
n C T C T G G

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type II



# Bsa I



type II

# Bsa I

GGTCTCn

CCAGAGn 1 2 3 4

----

type II

# Bsa I

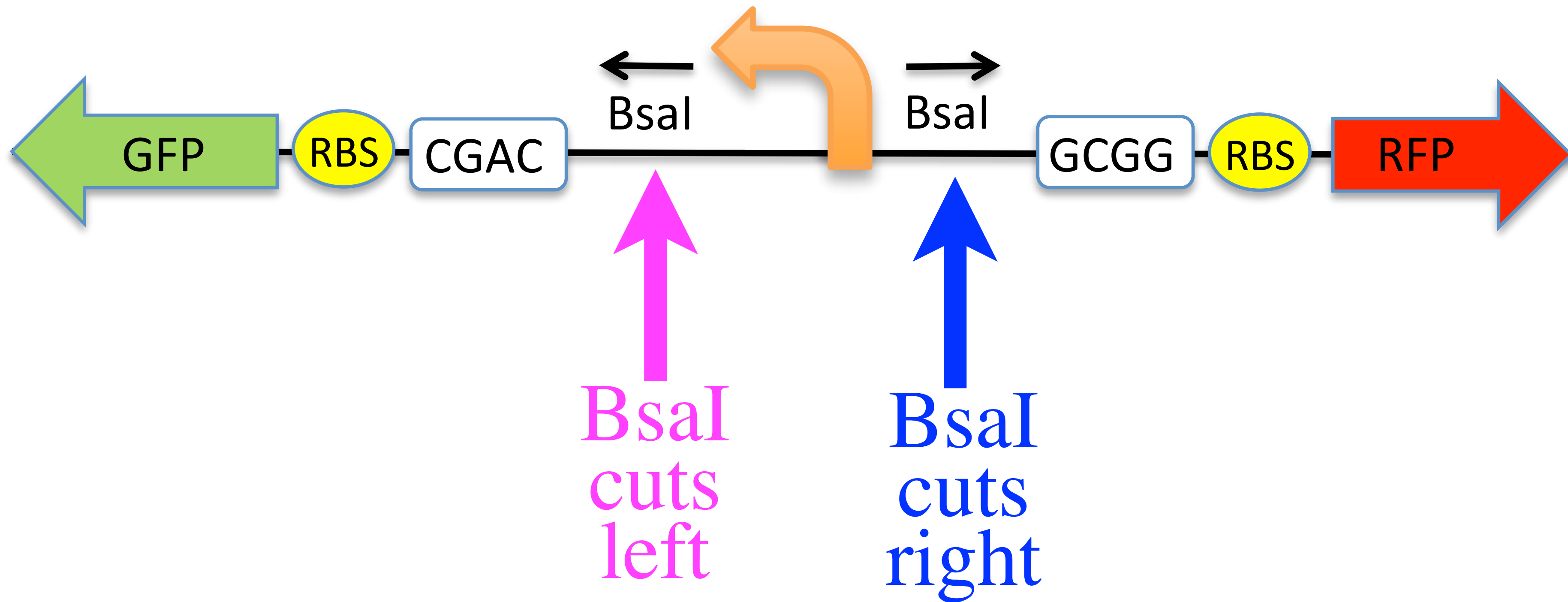
cuts  
left

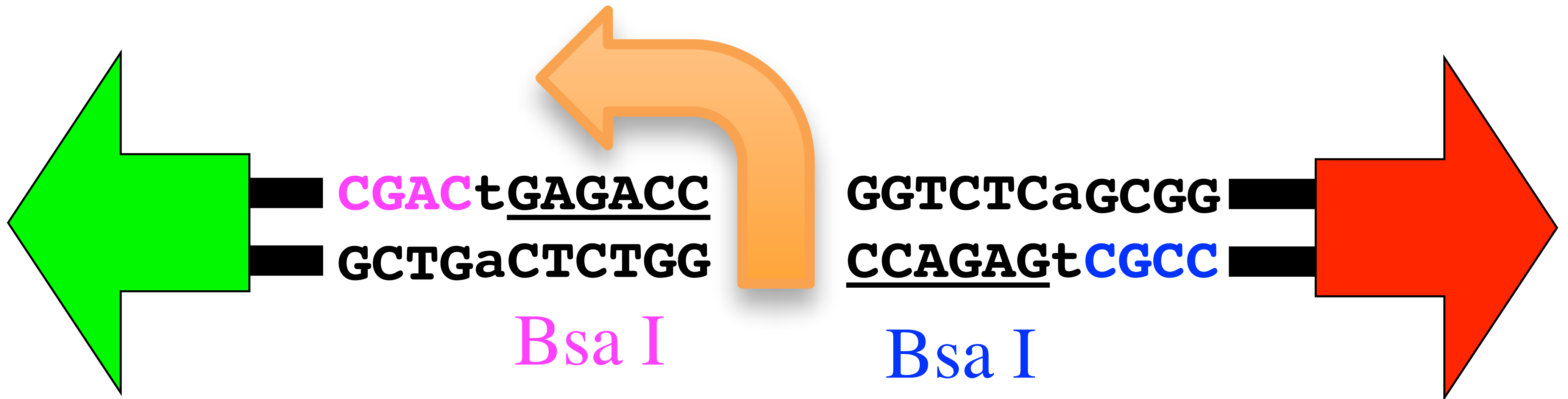
1 2 3 4 n GAGACC  
-----n CTCTGG

GGTCTCn----- cuts  
right

CCAGAGn 1 2 3 4

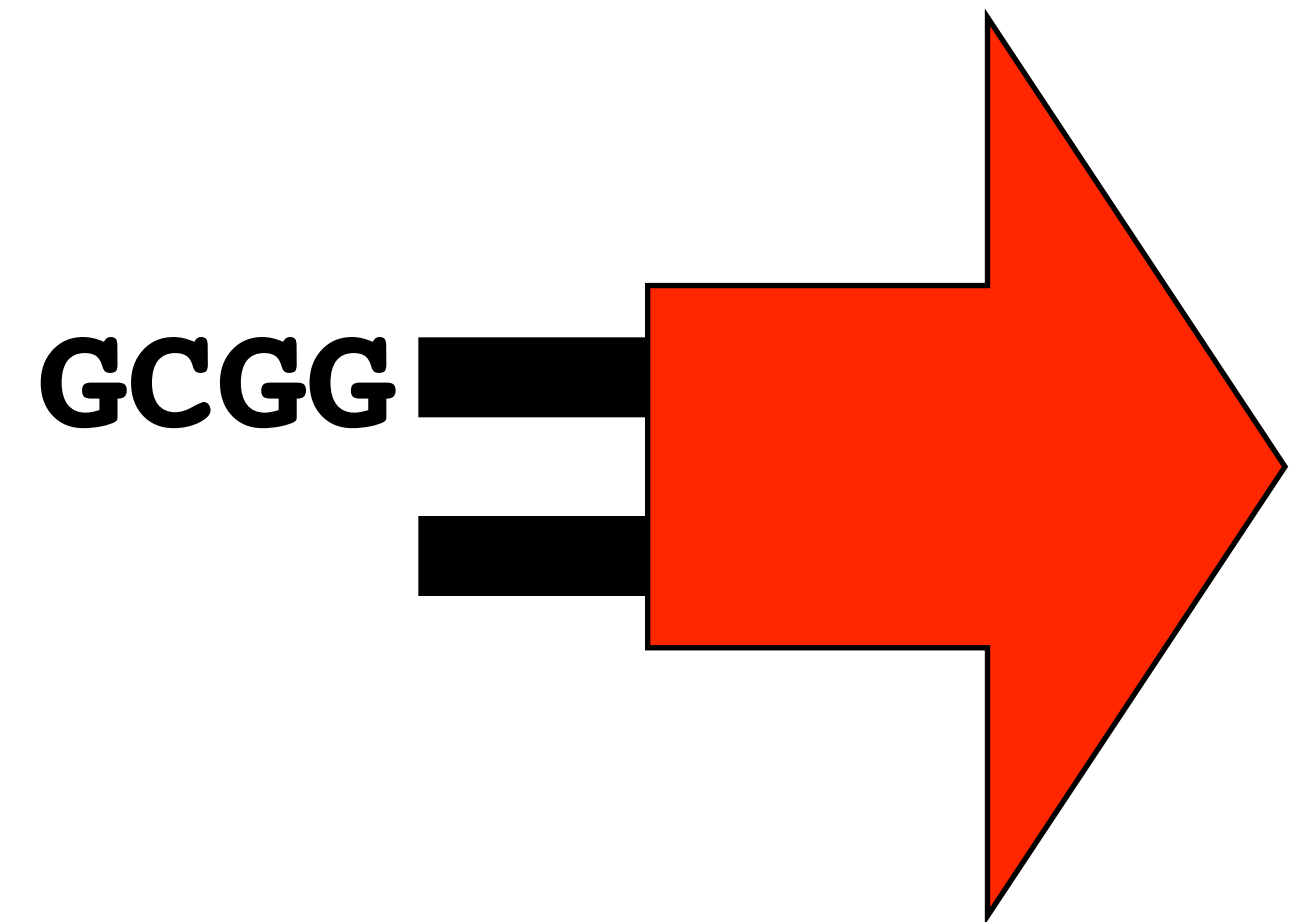
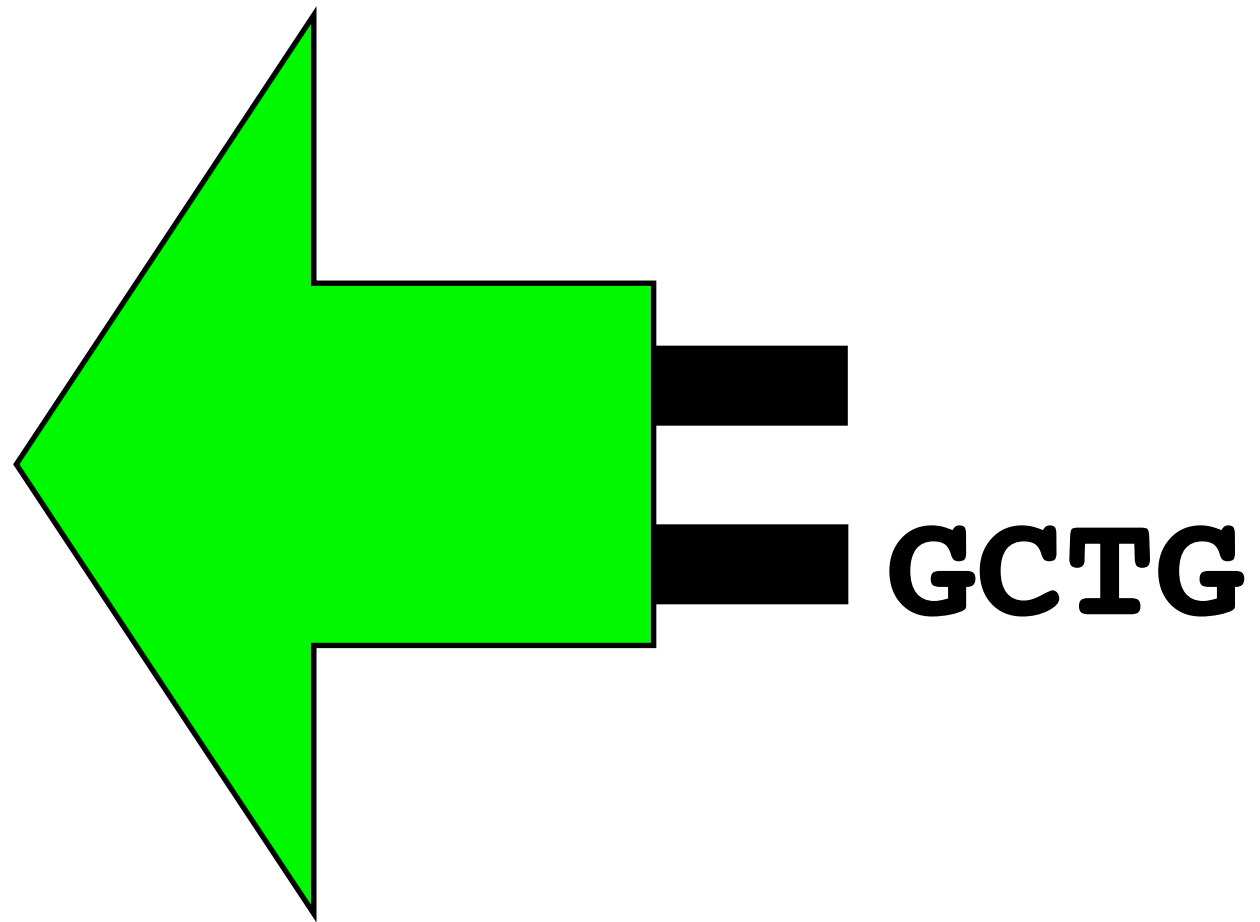
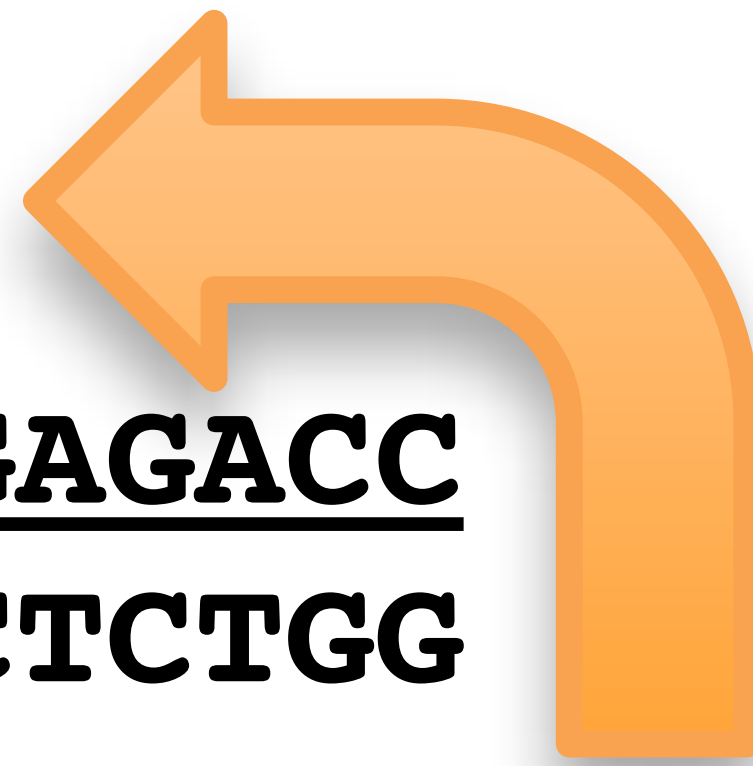
# Part J119137

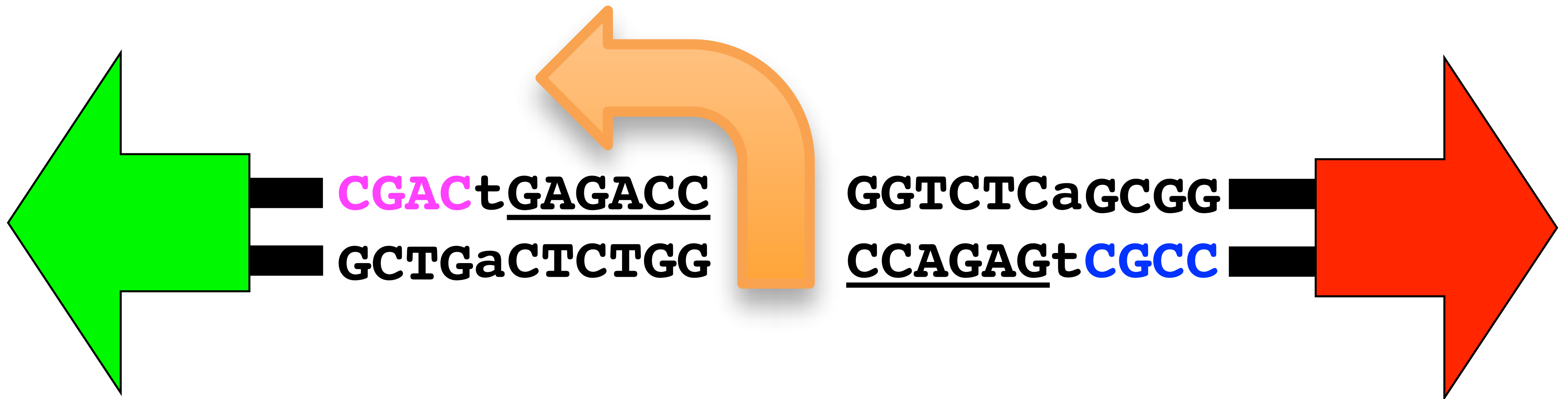




**CGAC** **t** **GAGACC**  
**aCTCTGG**

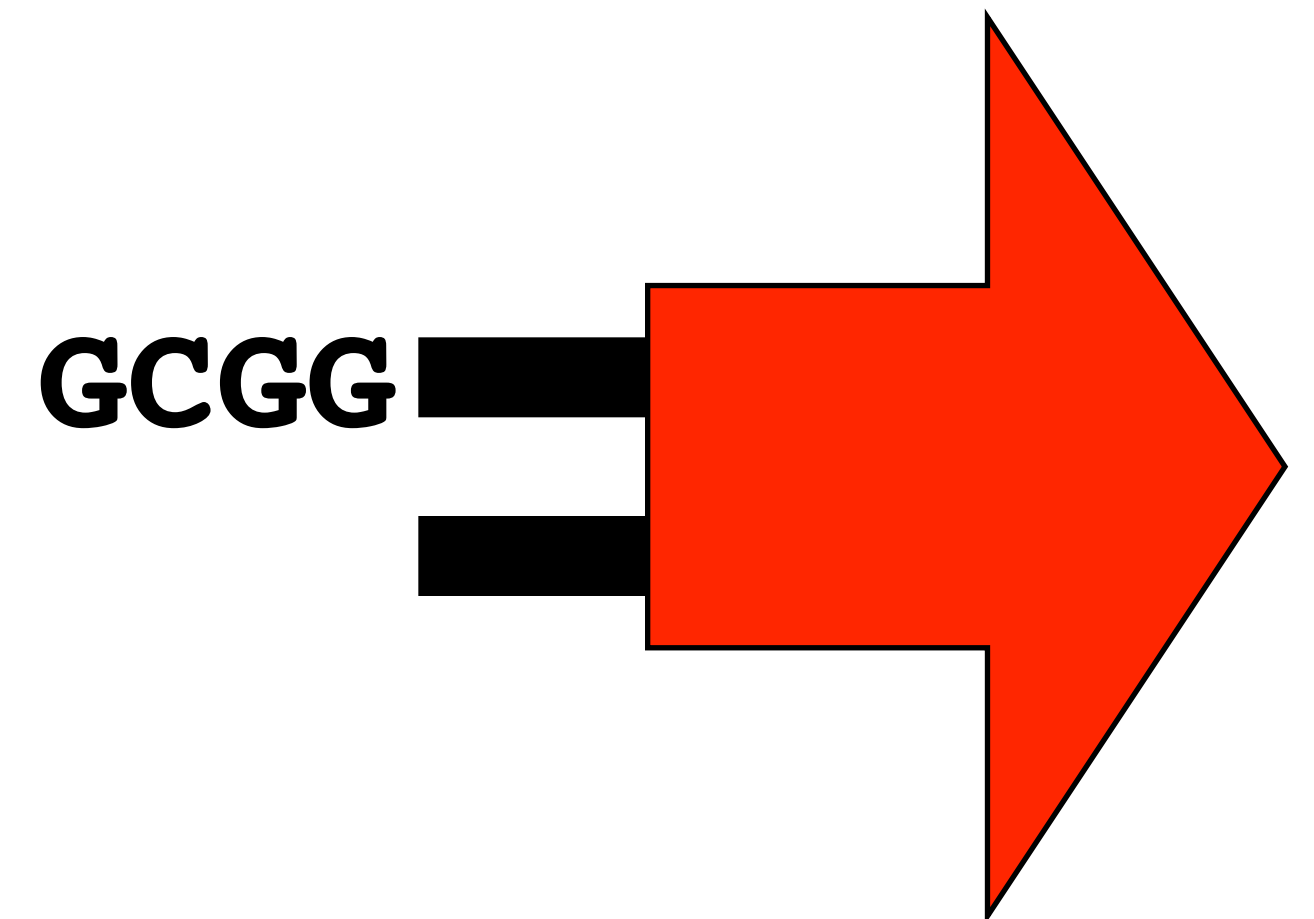
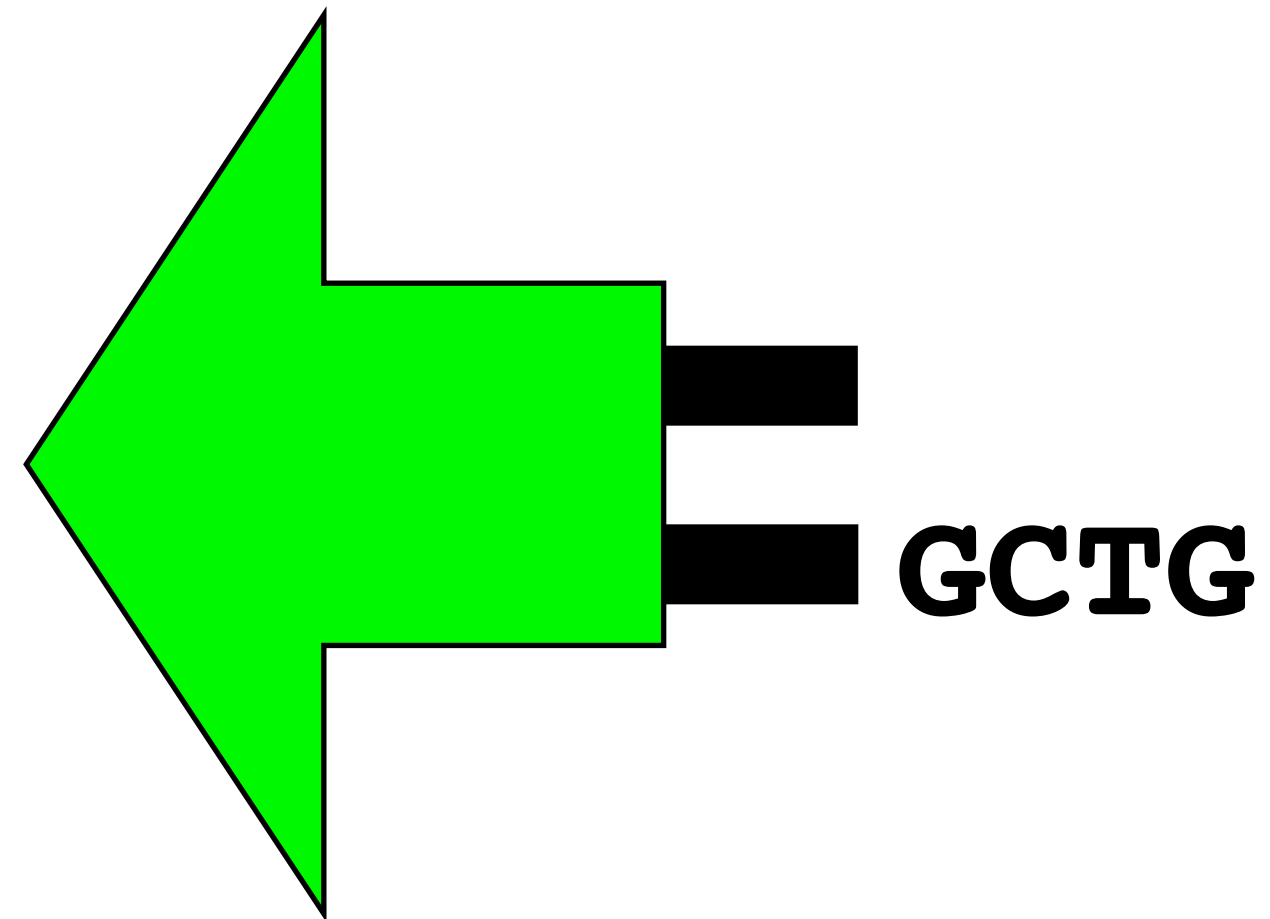
**GGTCTCa**  
**CCAGAGt** **CGCC**





**CGAC** tGAGACC  
aCTCTGG

**GGTCTCa**  
CCAGAGt **CGCC**



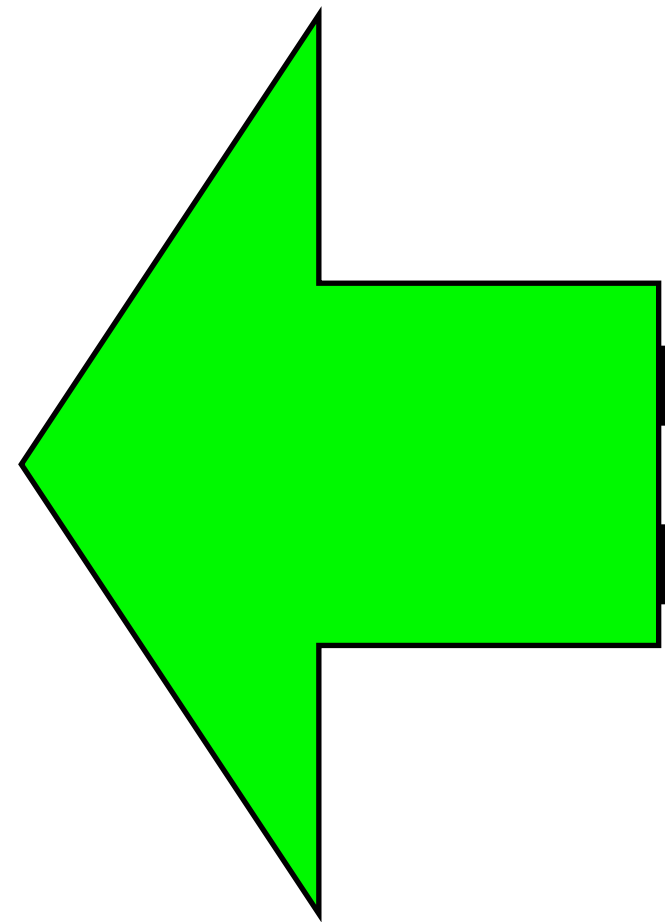
**CGAC** (promoter)  
(promoter) **CGCC**



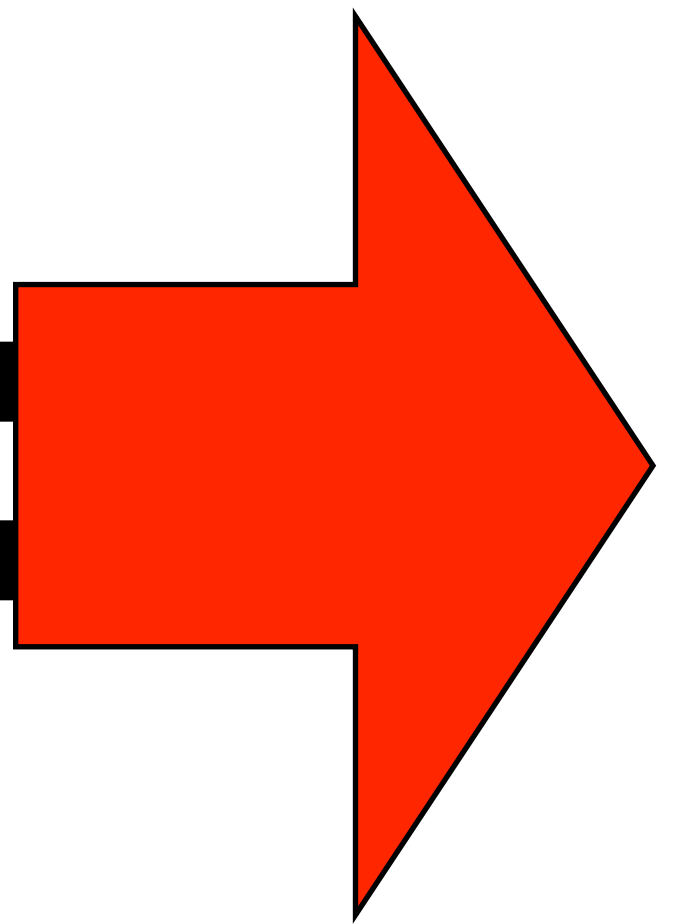
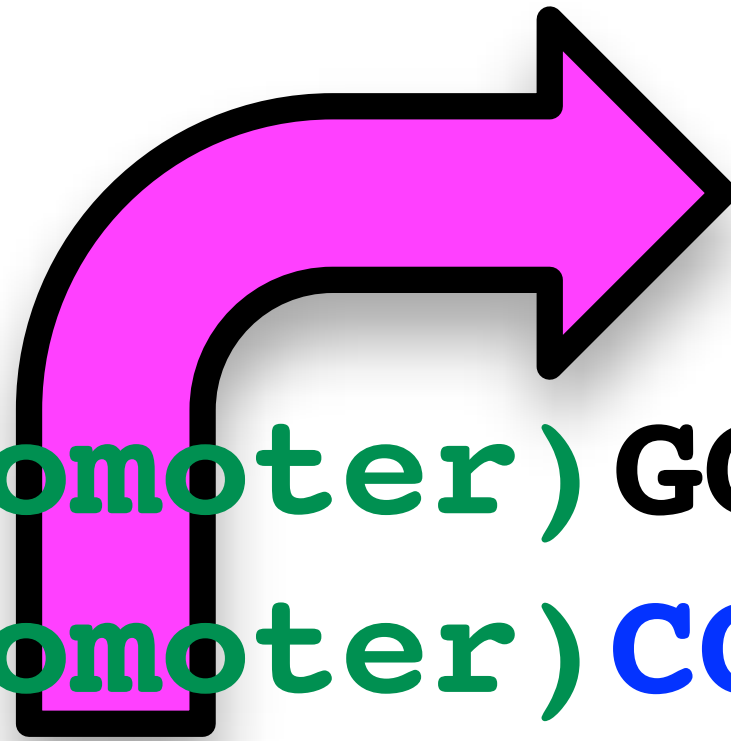
CGAC t GAGACC  
aCTCTGG



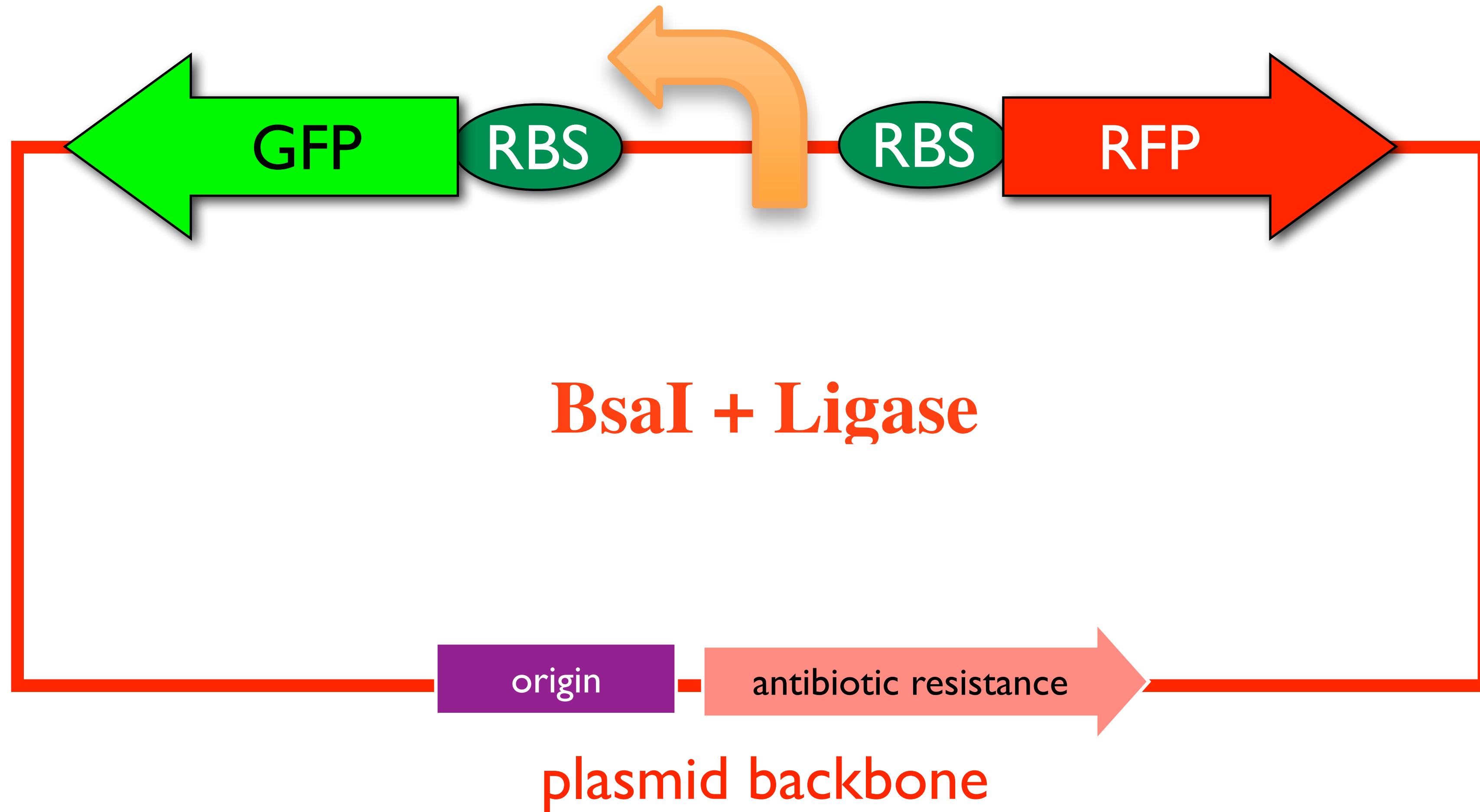
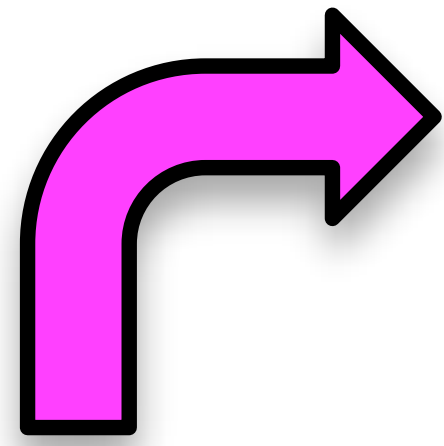
GGTCTCa  
CCAGAG tCGCC



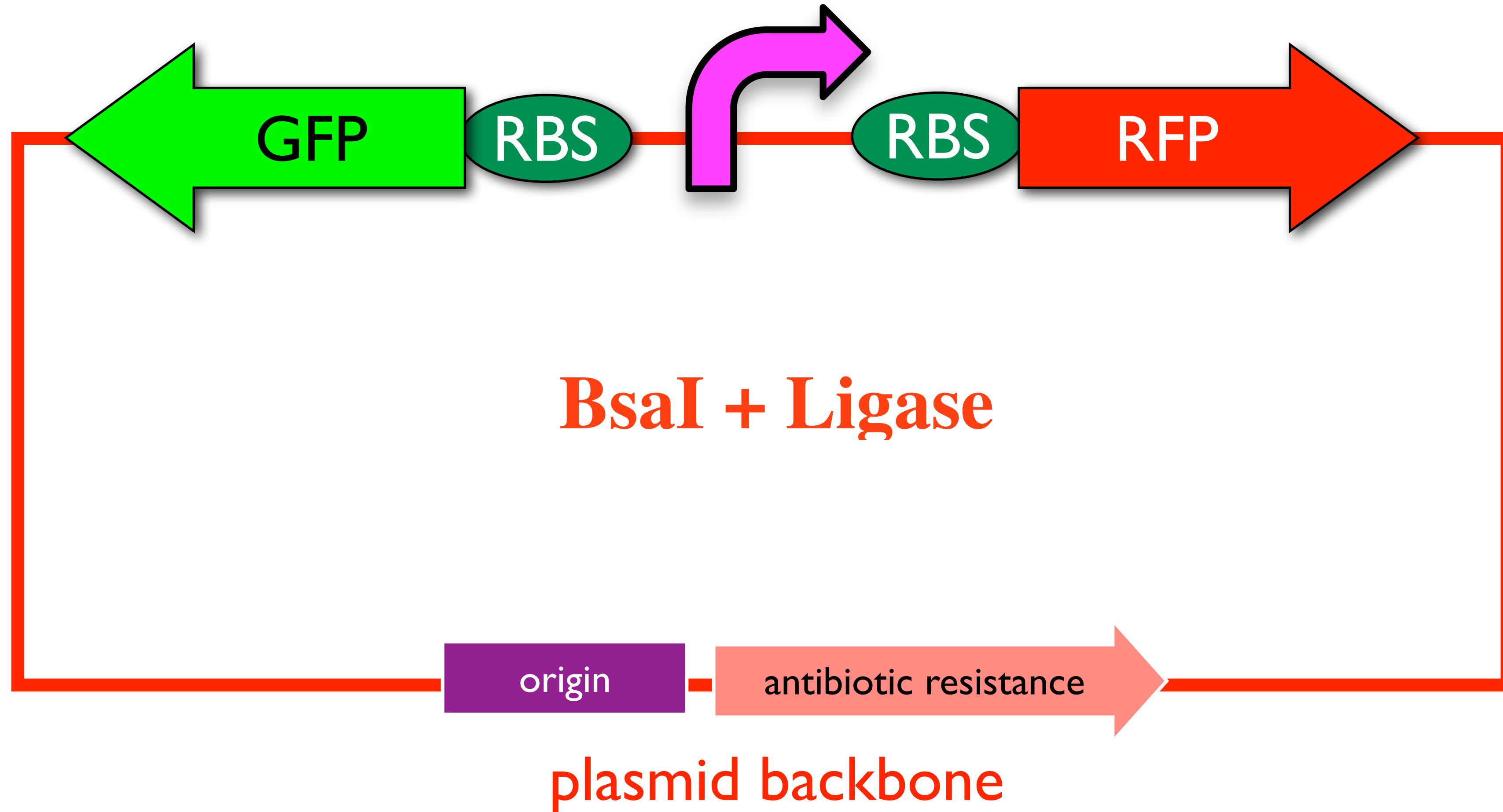
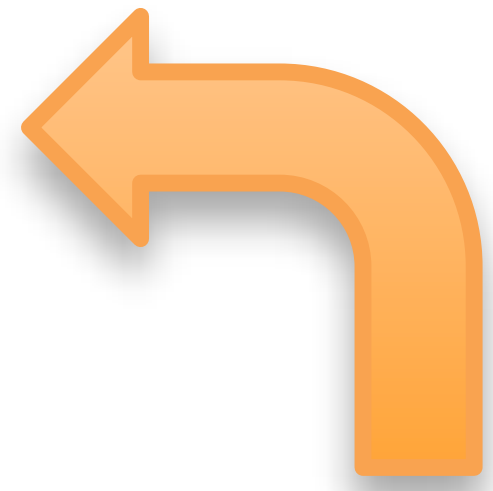
CGAC (promoter) GCGG  
GCTG (promoter) CGCC



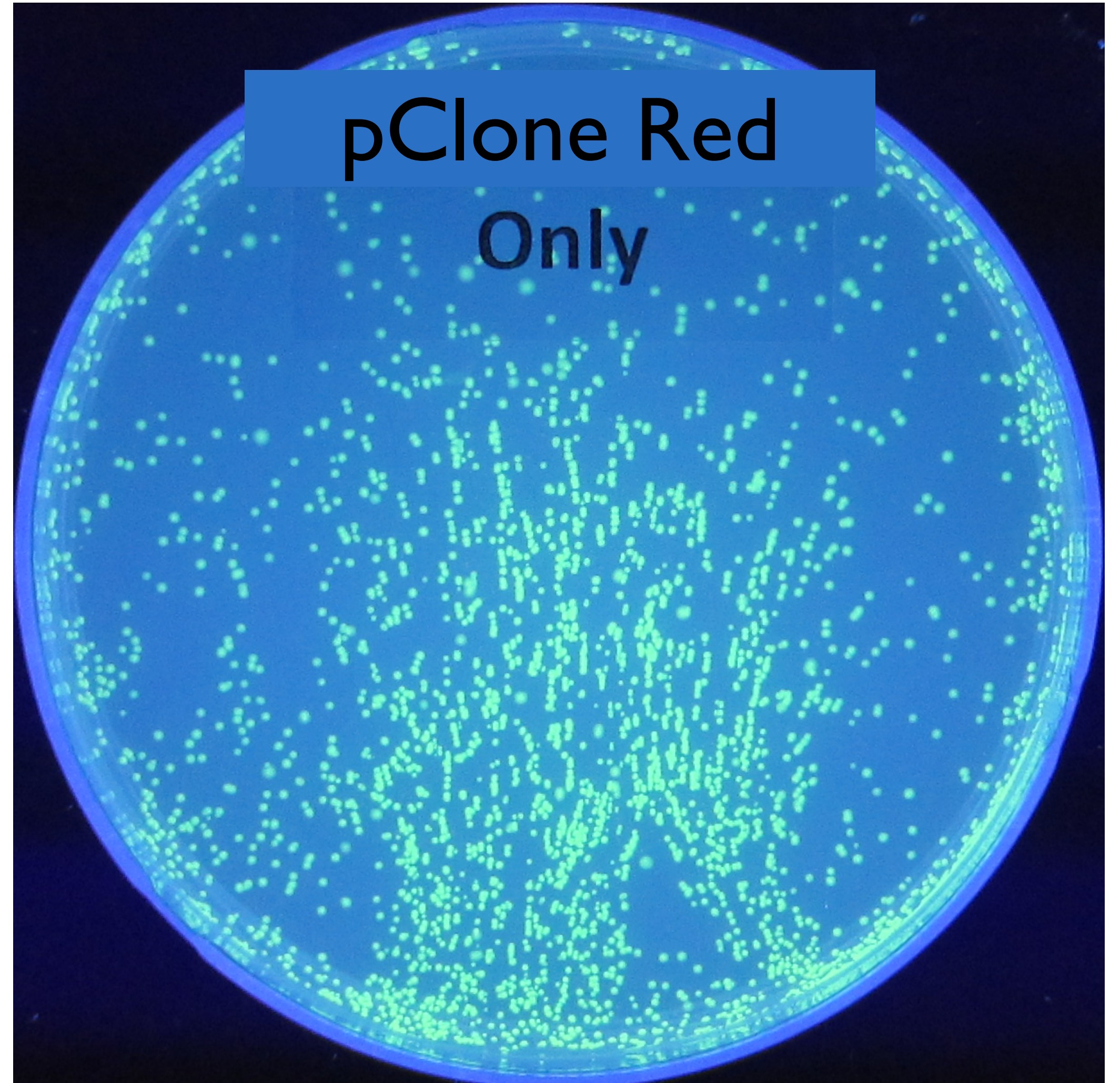
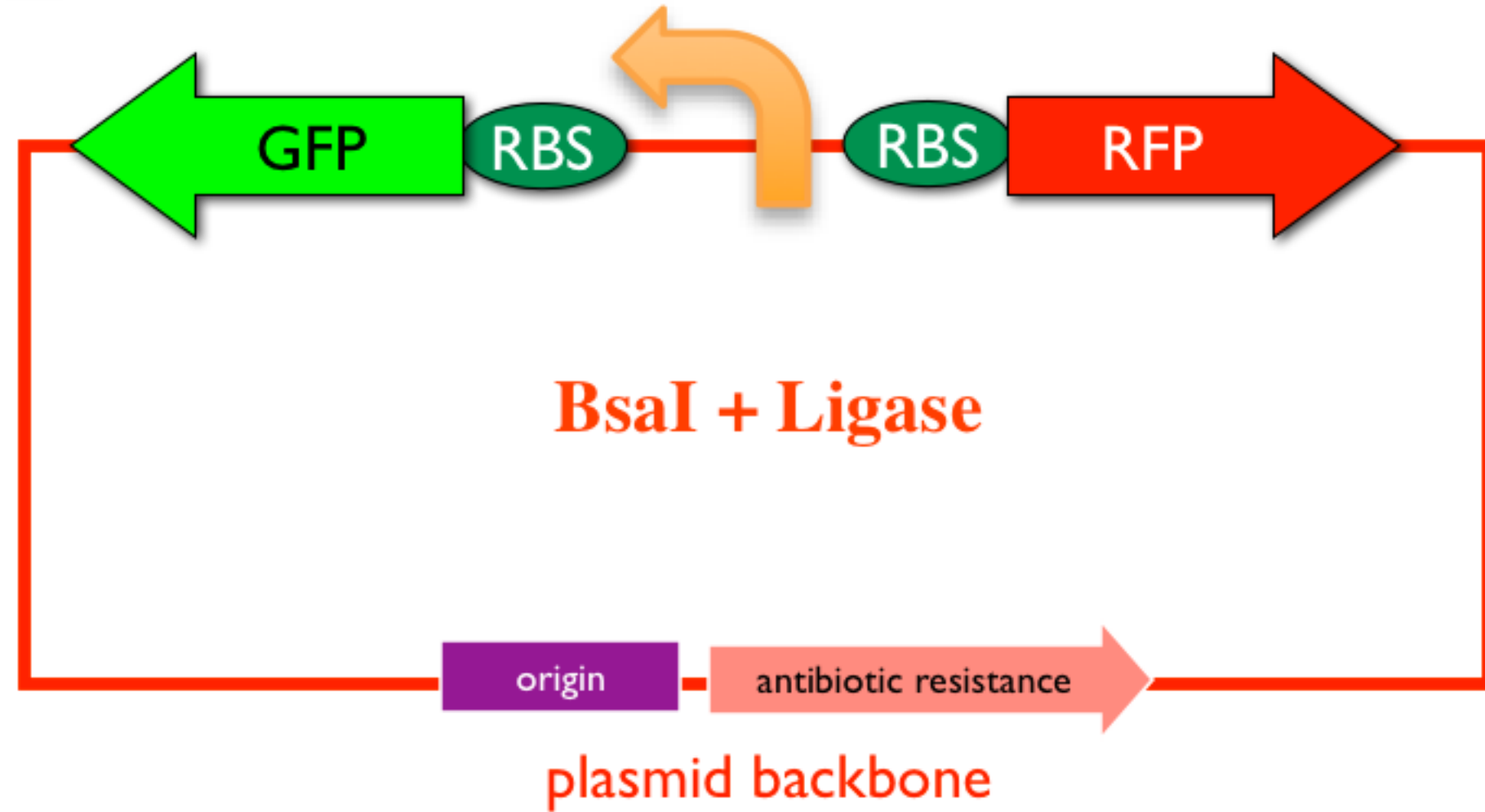
# GGA Ligation Method



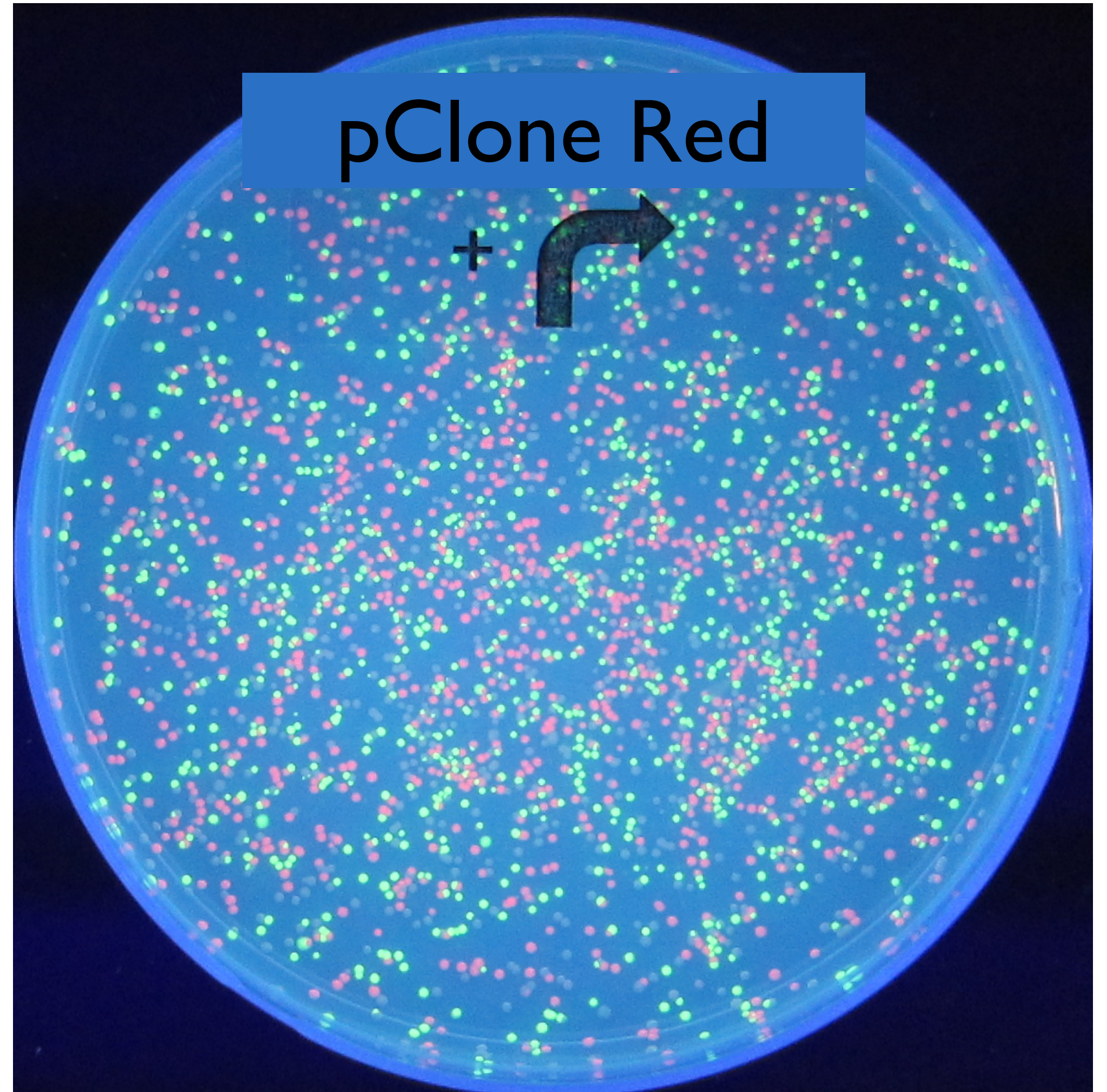
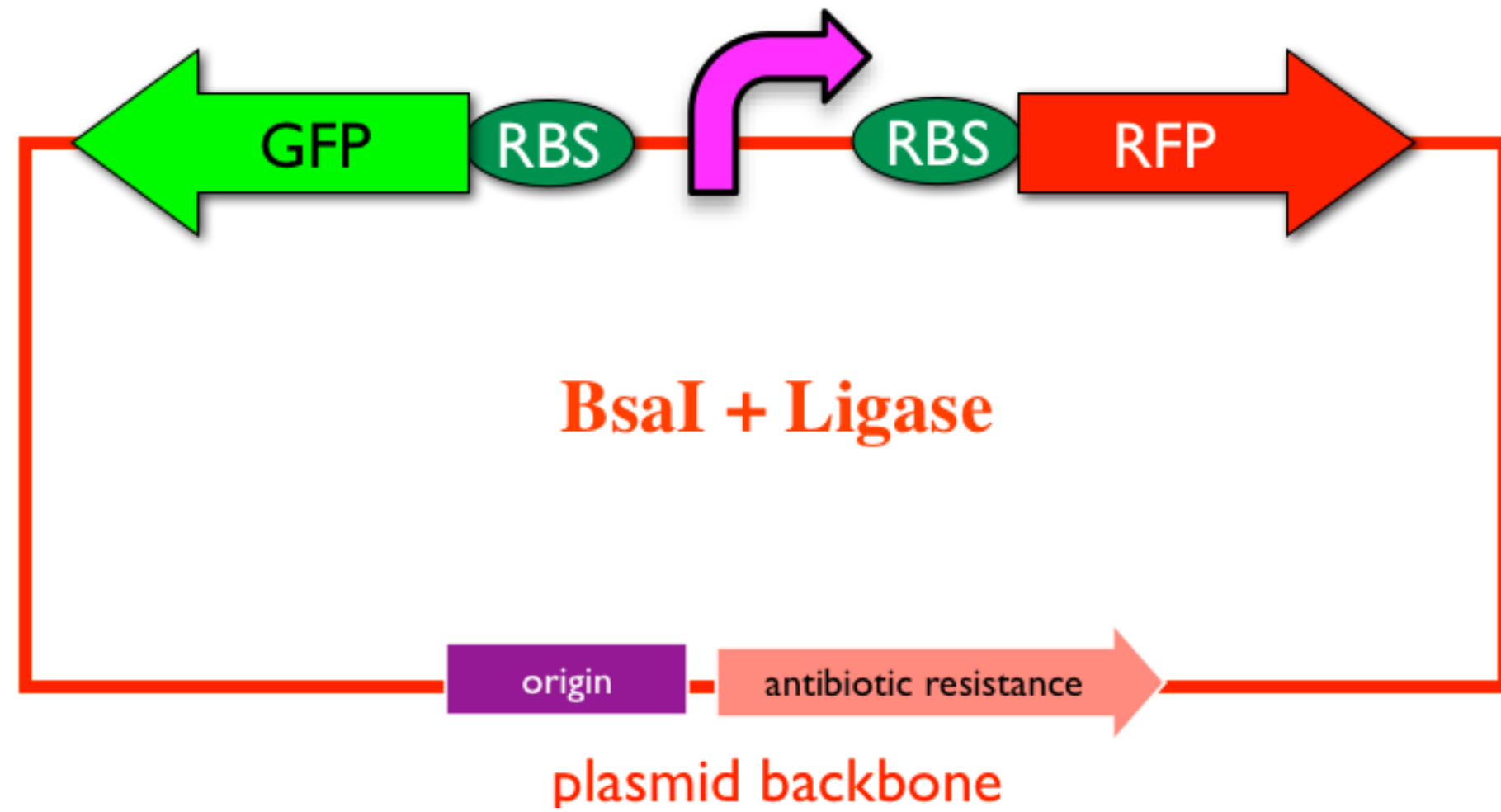
# GGA Ligation Method



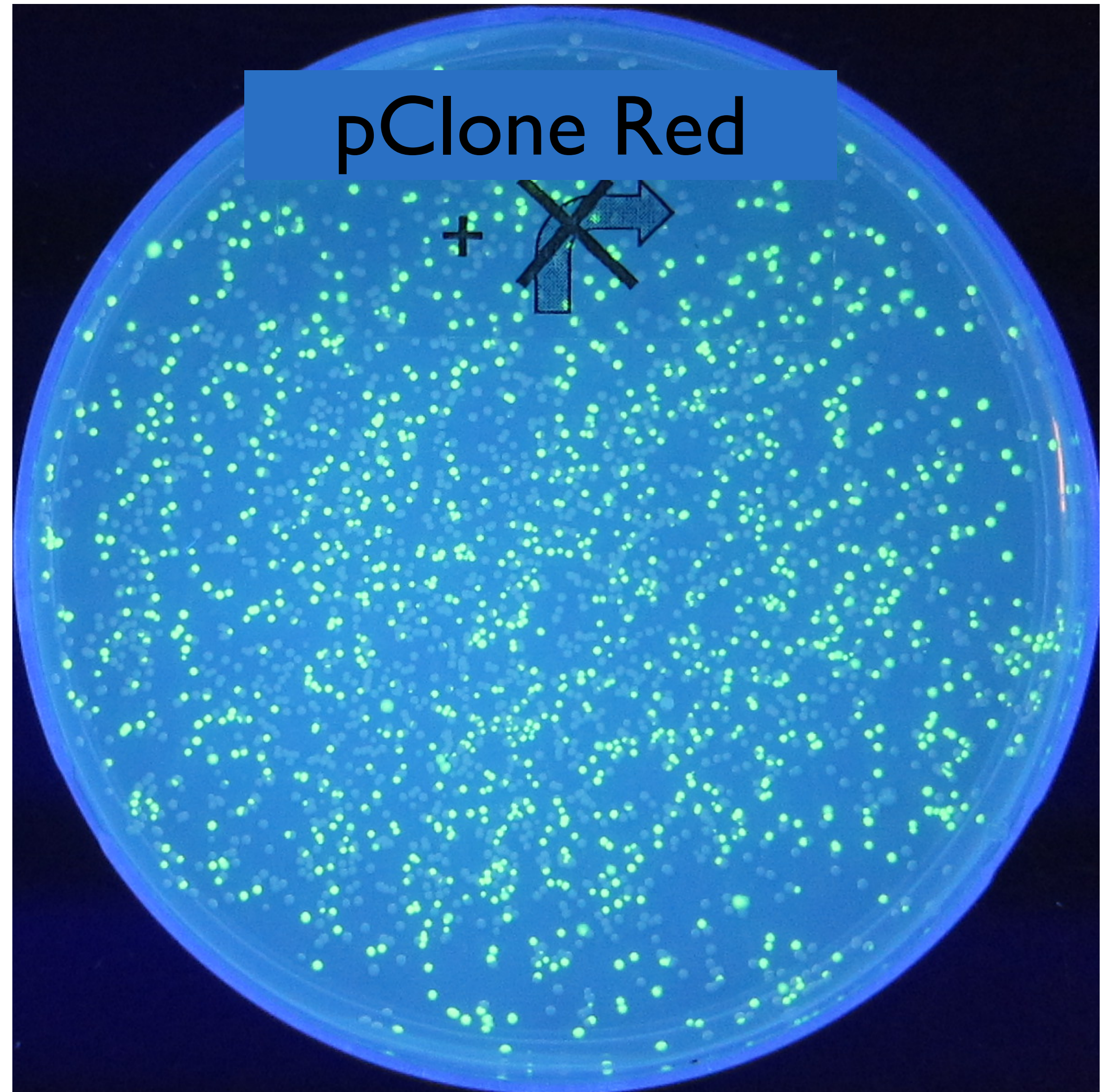
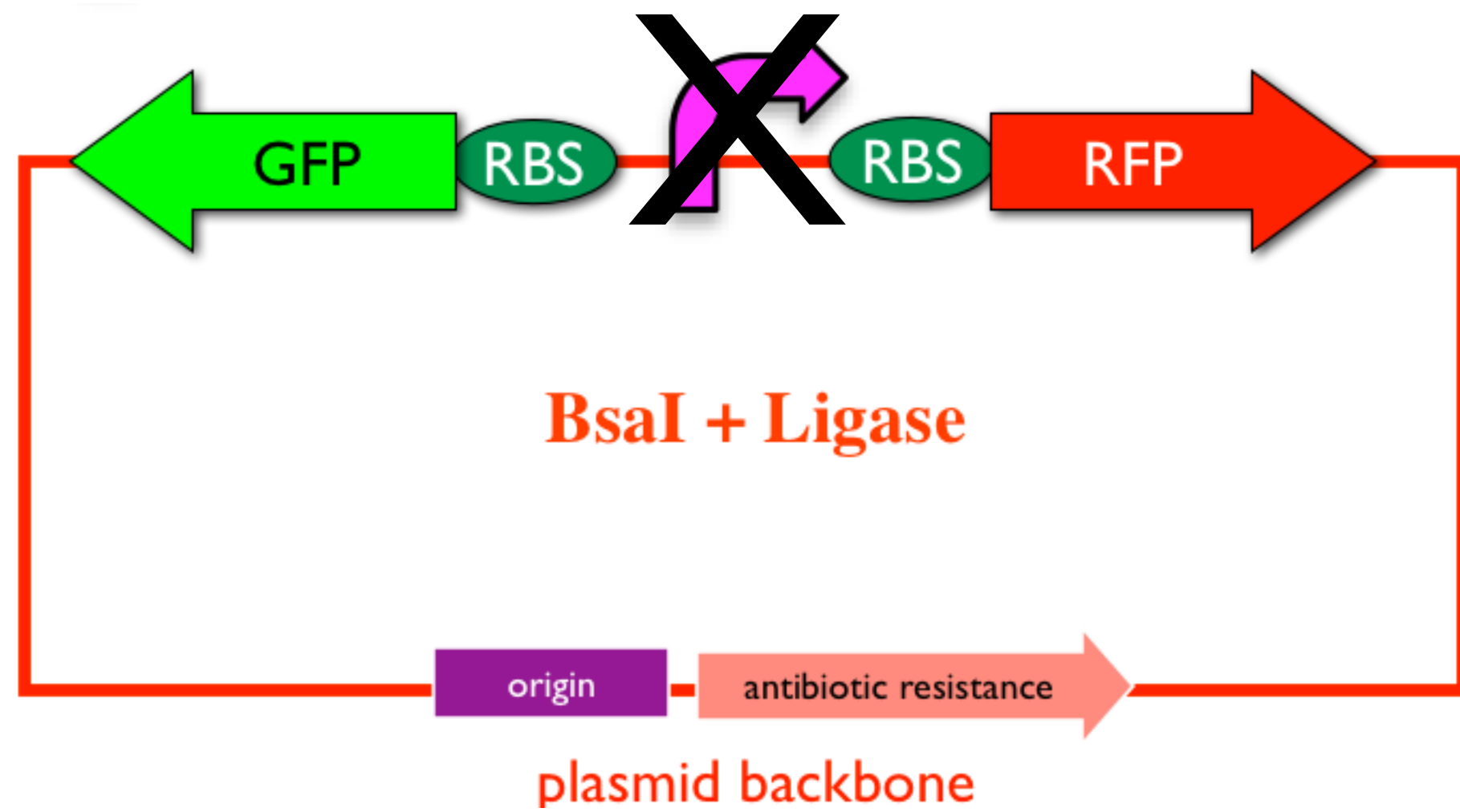
# GGA Ligation Method



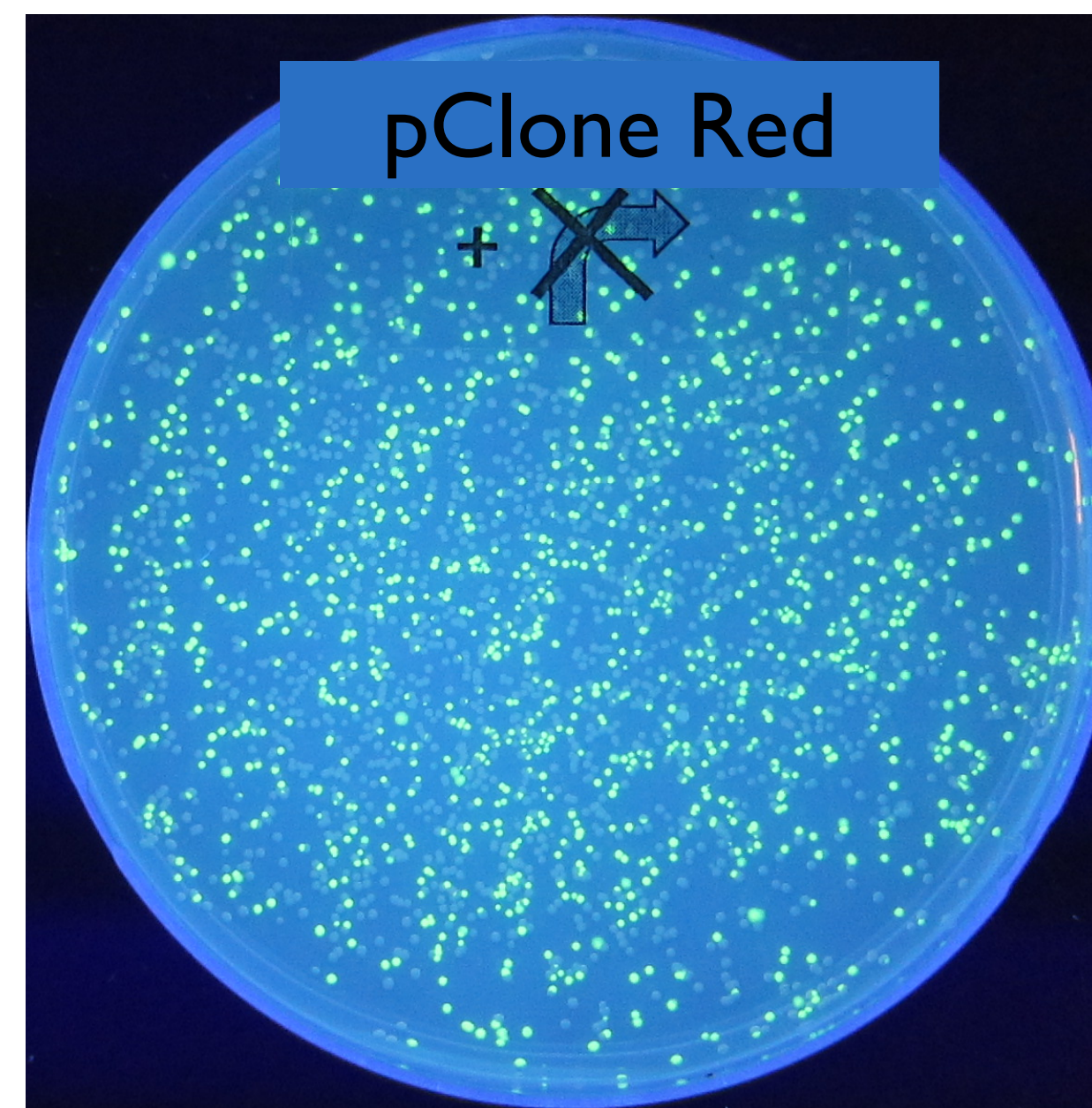
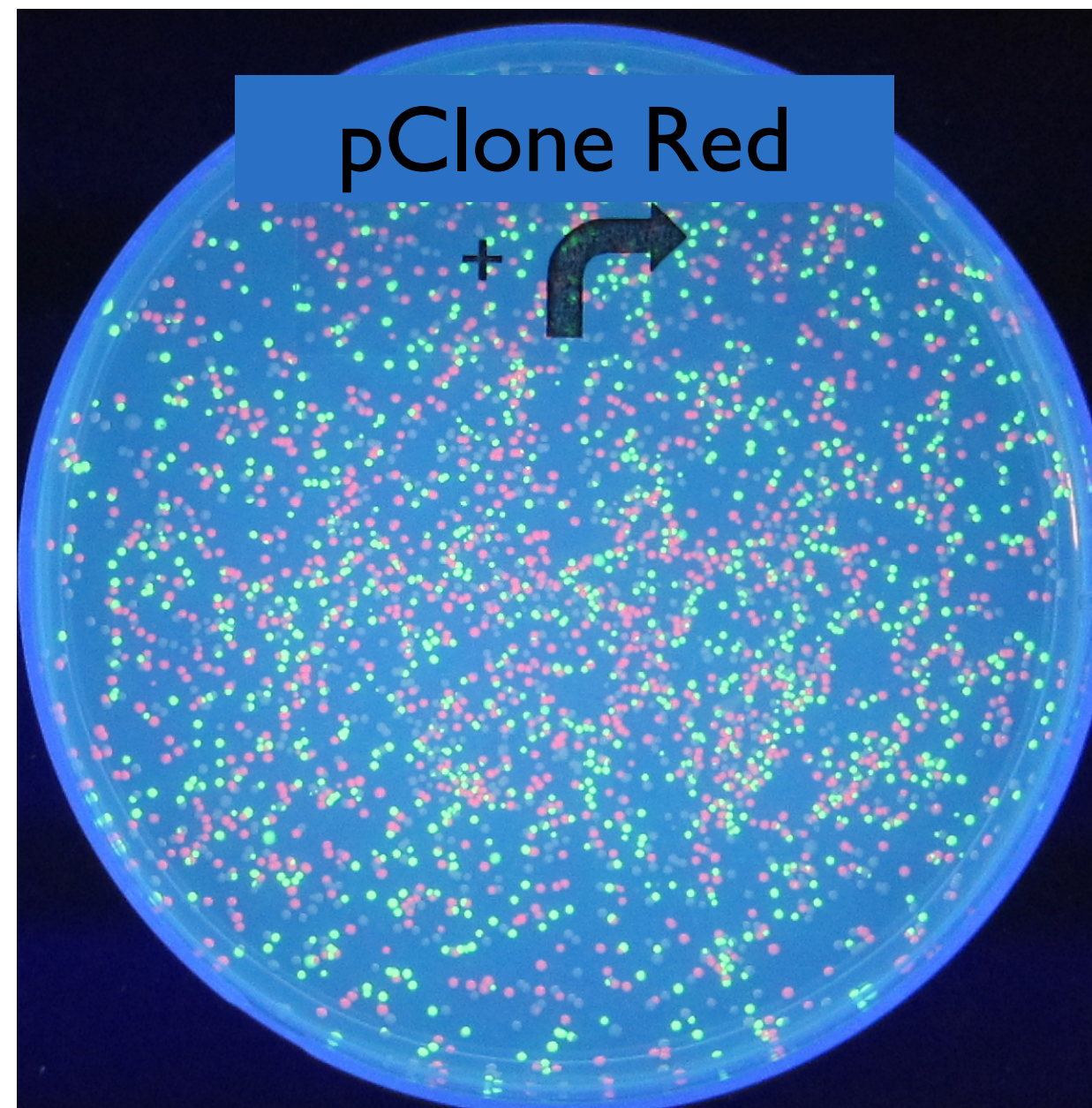
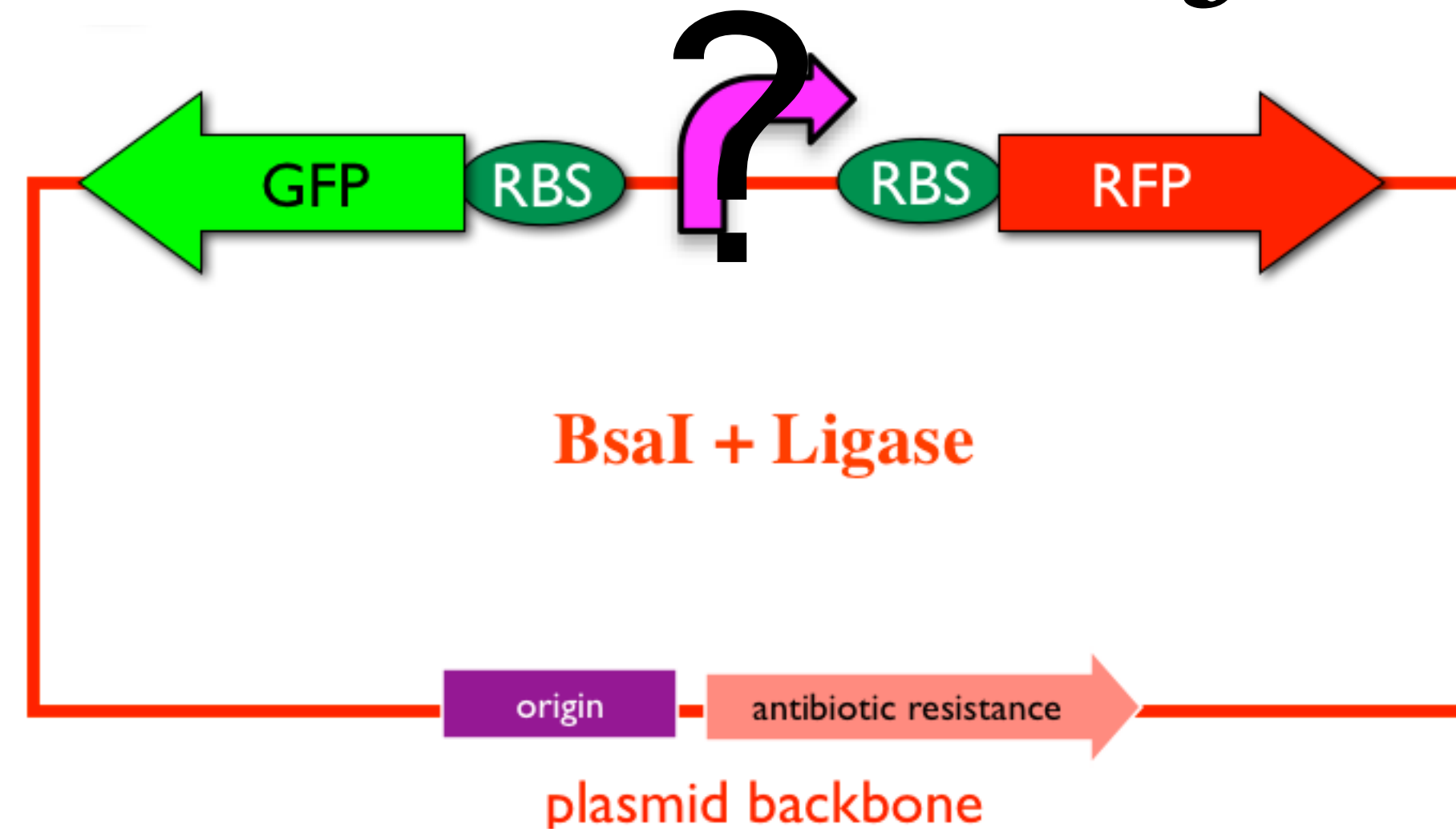
# GGA Ligation Method



# GGA Ligation Method



# Your Research Project v1

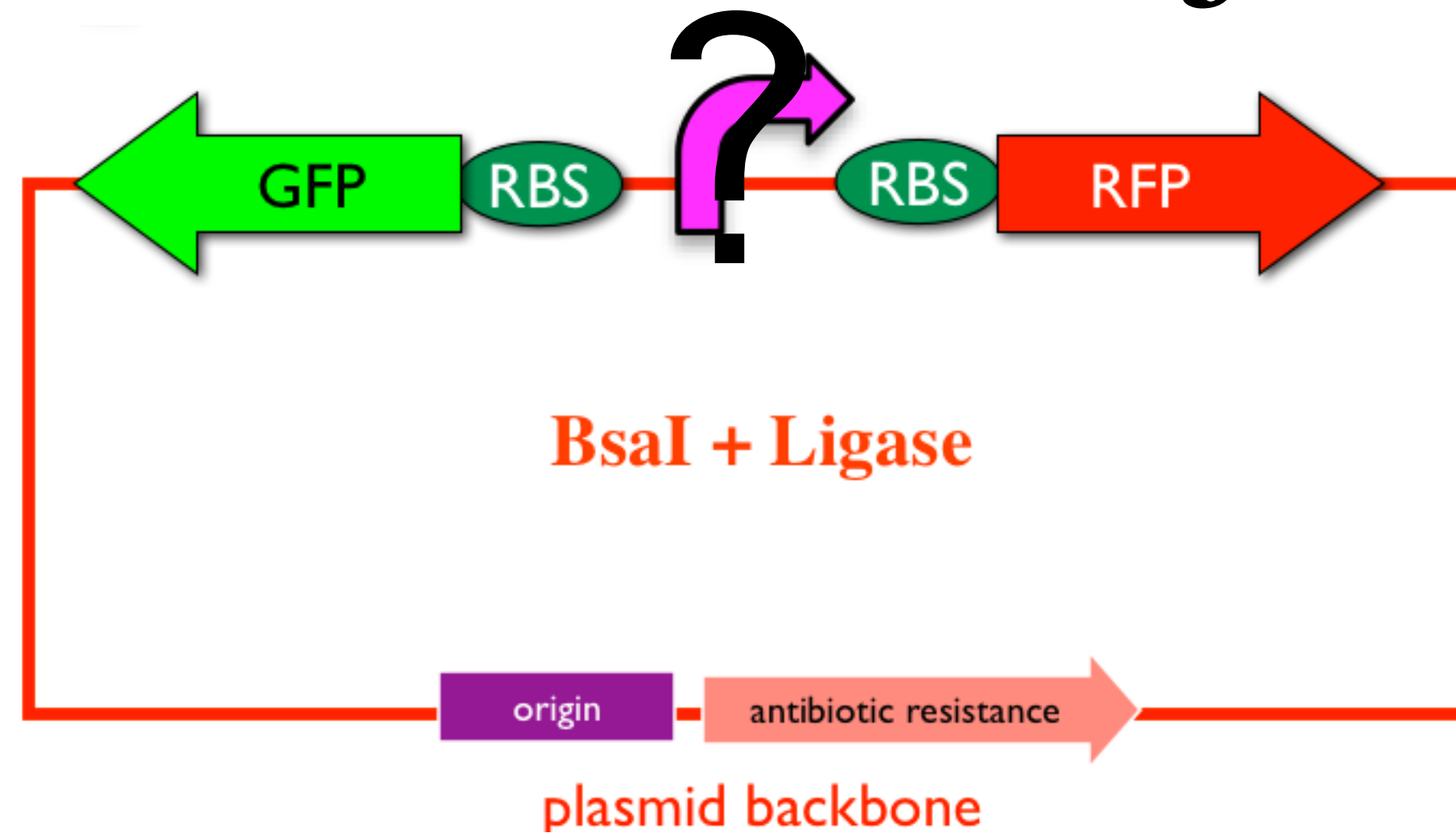


**functional?**

**broken?**

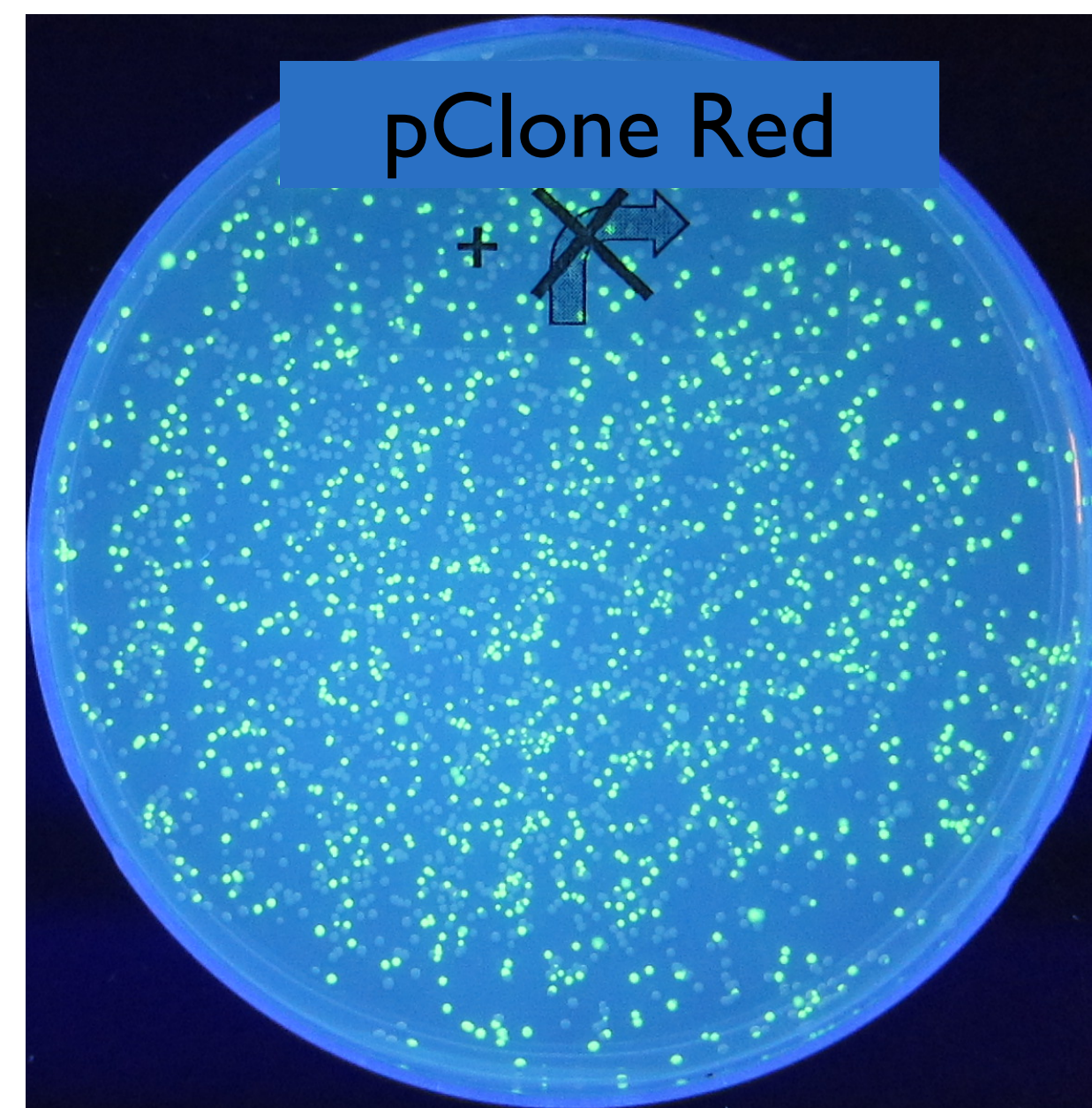
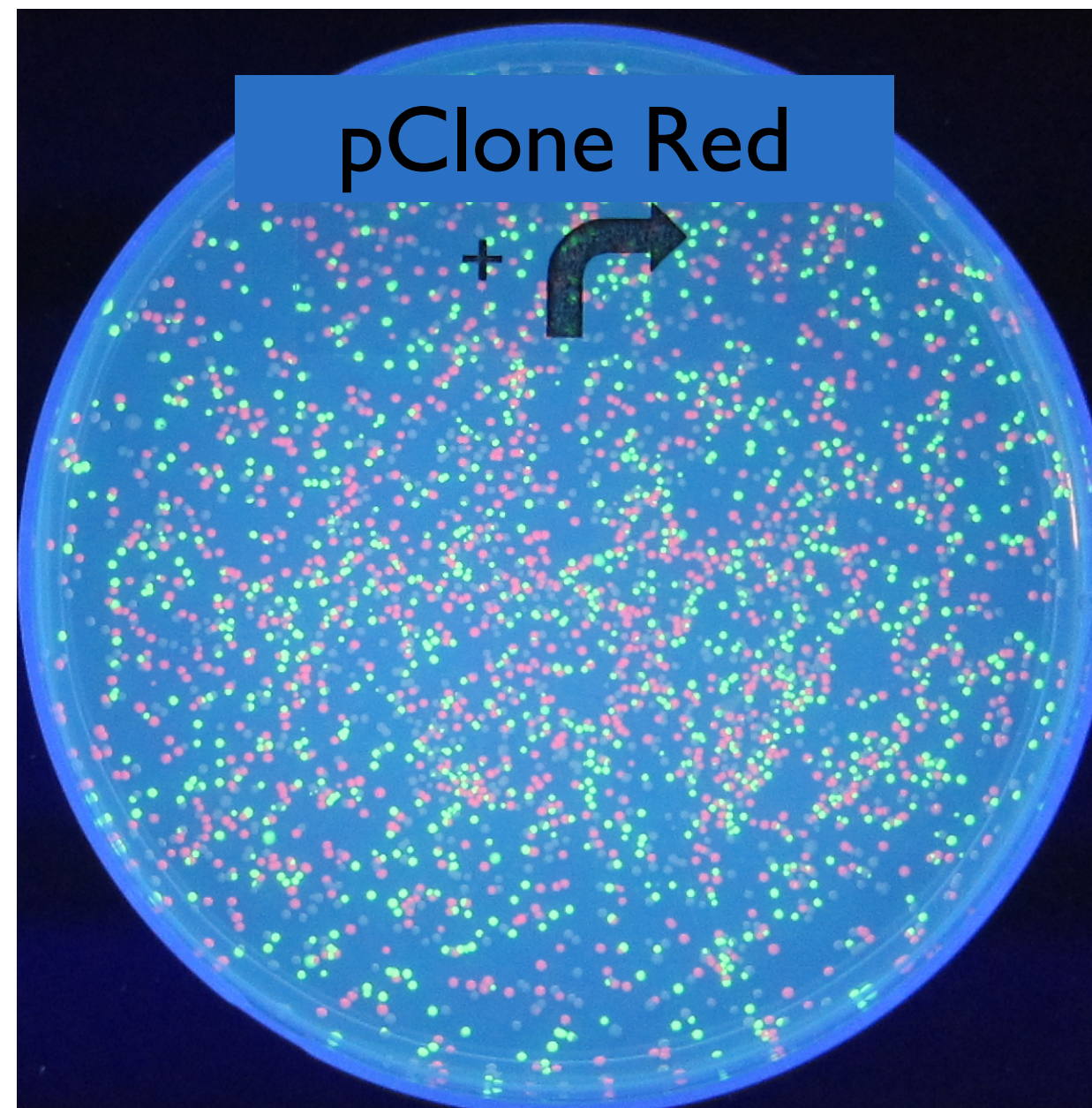
# Your Research Project v1

blue = entB  
green = glp



red = hutP  
yellow = pbp1b

functional?



broken?