

GGA Method

with pClone Red

by
A. Malcolm Campbell and Todd Eckdahl

Eco RI

GAATTCTTAAAG

palindrome

type II

Eco RI

GAATTC
CTTAAG

palindrome

type II

Eco RI

GAATTC
CTTAAG

type II

Eco RI

G

CTTAA

AATTG

G

type II

Bsa I

GAGACC
CTCTGG

not a
palindrome

type II^s

Bsa I

1 2 3 4 nGAGACC
-----|nCTCTGG

type II_S

Bsa I

1234nGAGACC
nCTCTGG

type II^s

Bsa I

GGTCTCn-----
CCAGAGn1234

type II^s

Bsa I

GGTCTCn

CCAGAGn1234

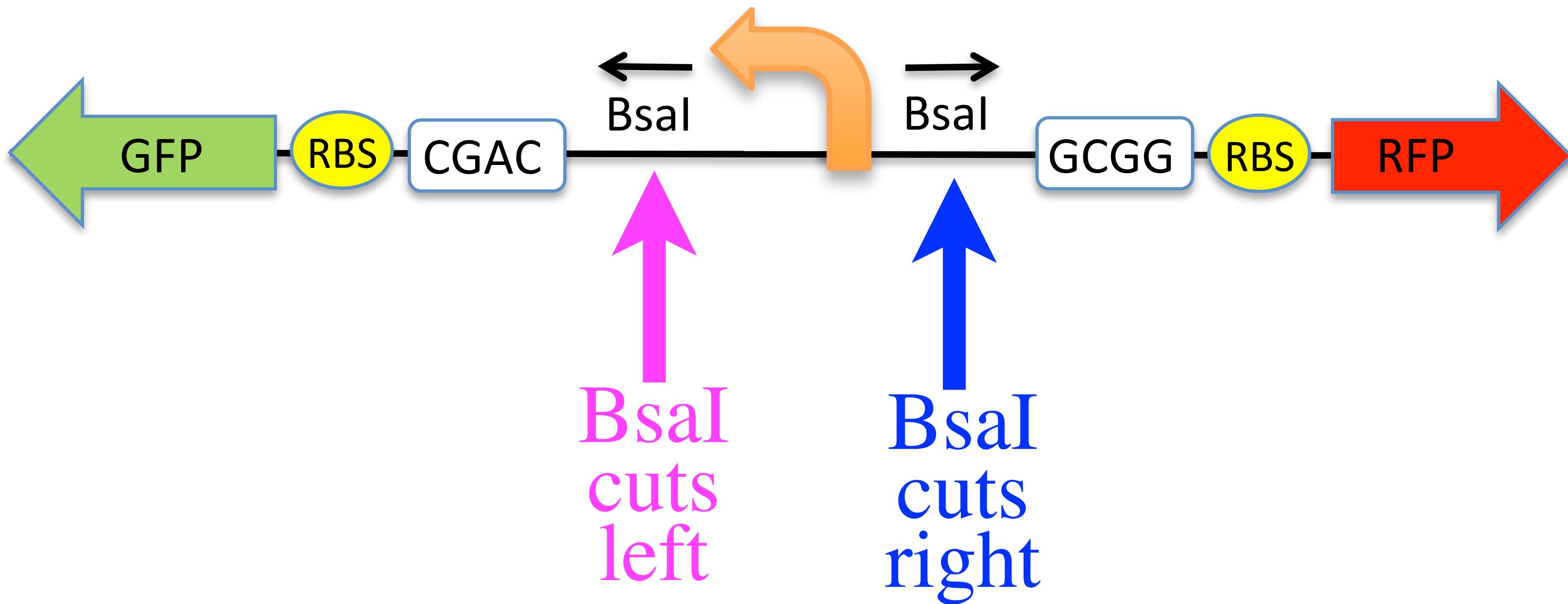
type II_S

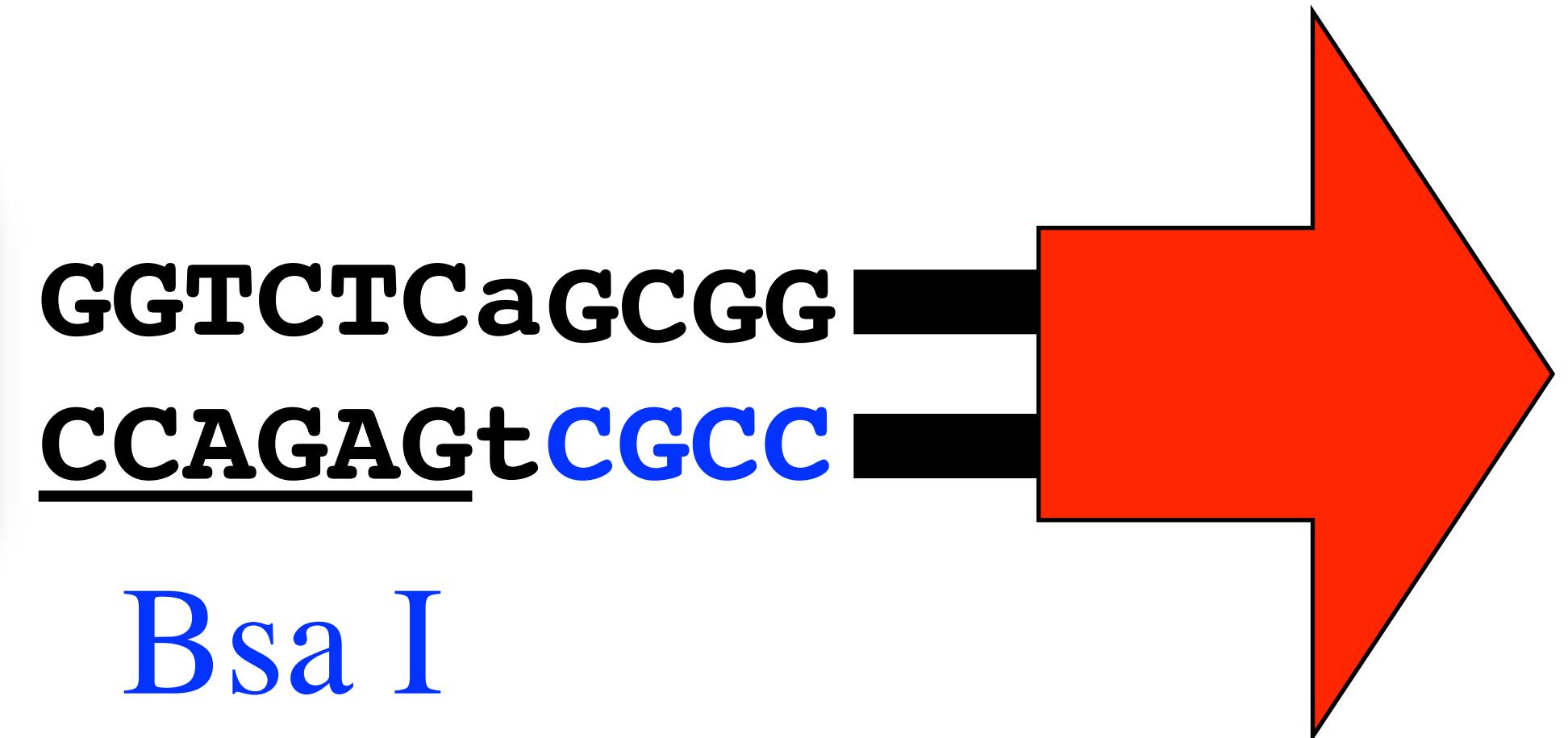
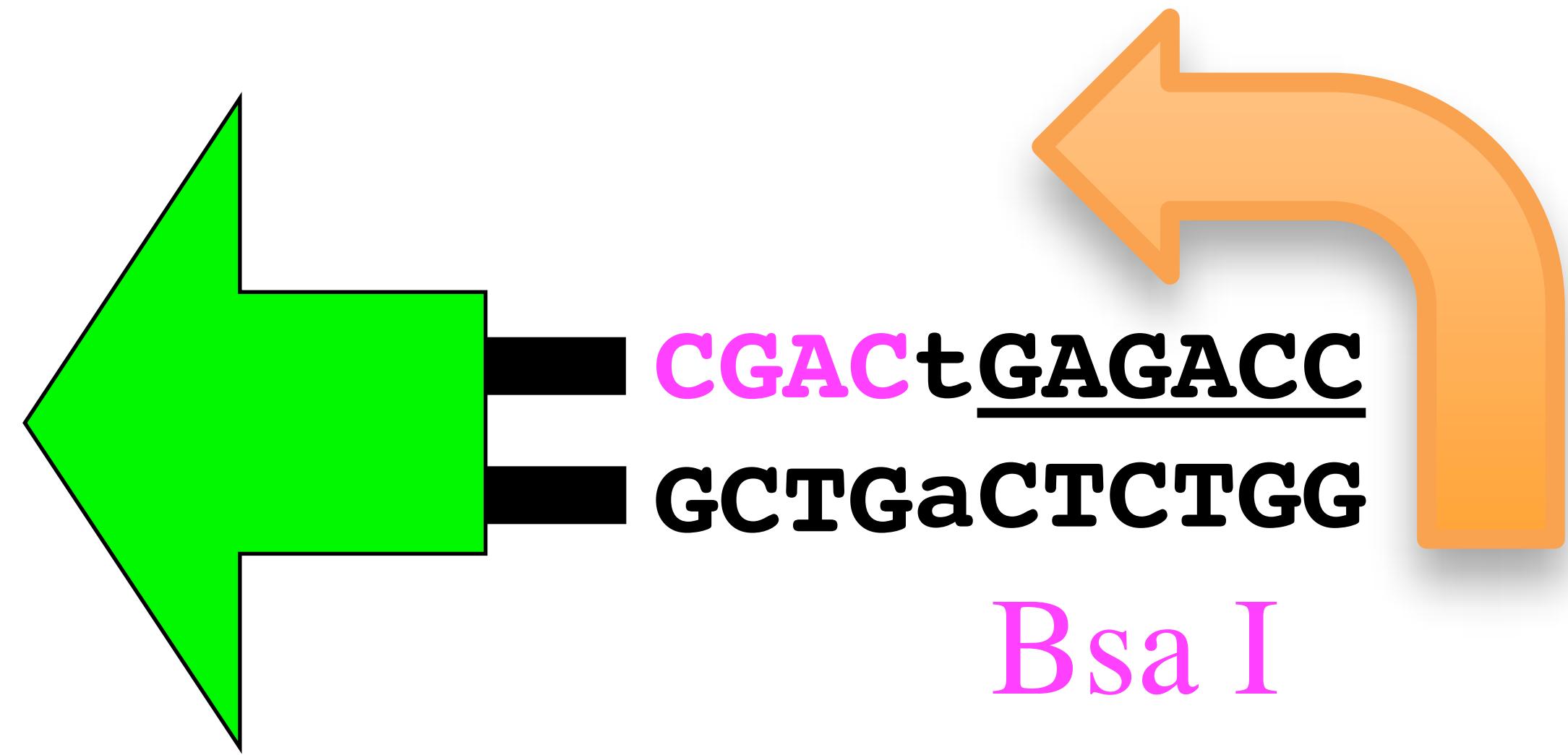
Bsa I

cuts left 1 2 3 4 nGAGACC
-----nCTCTGG

GGTCTCn-----
CCAGAGn 1 2 3 4 cuts right

Part J119137



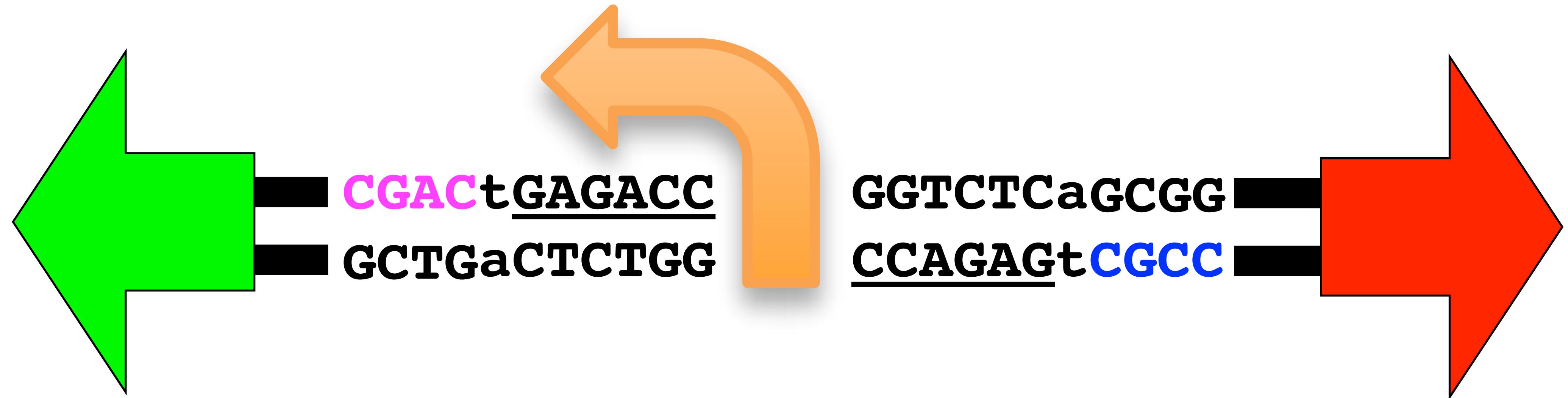


CGACtGAGACC
aCTCTGG



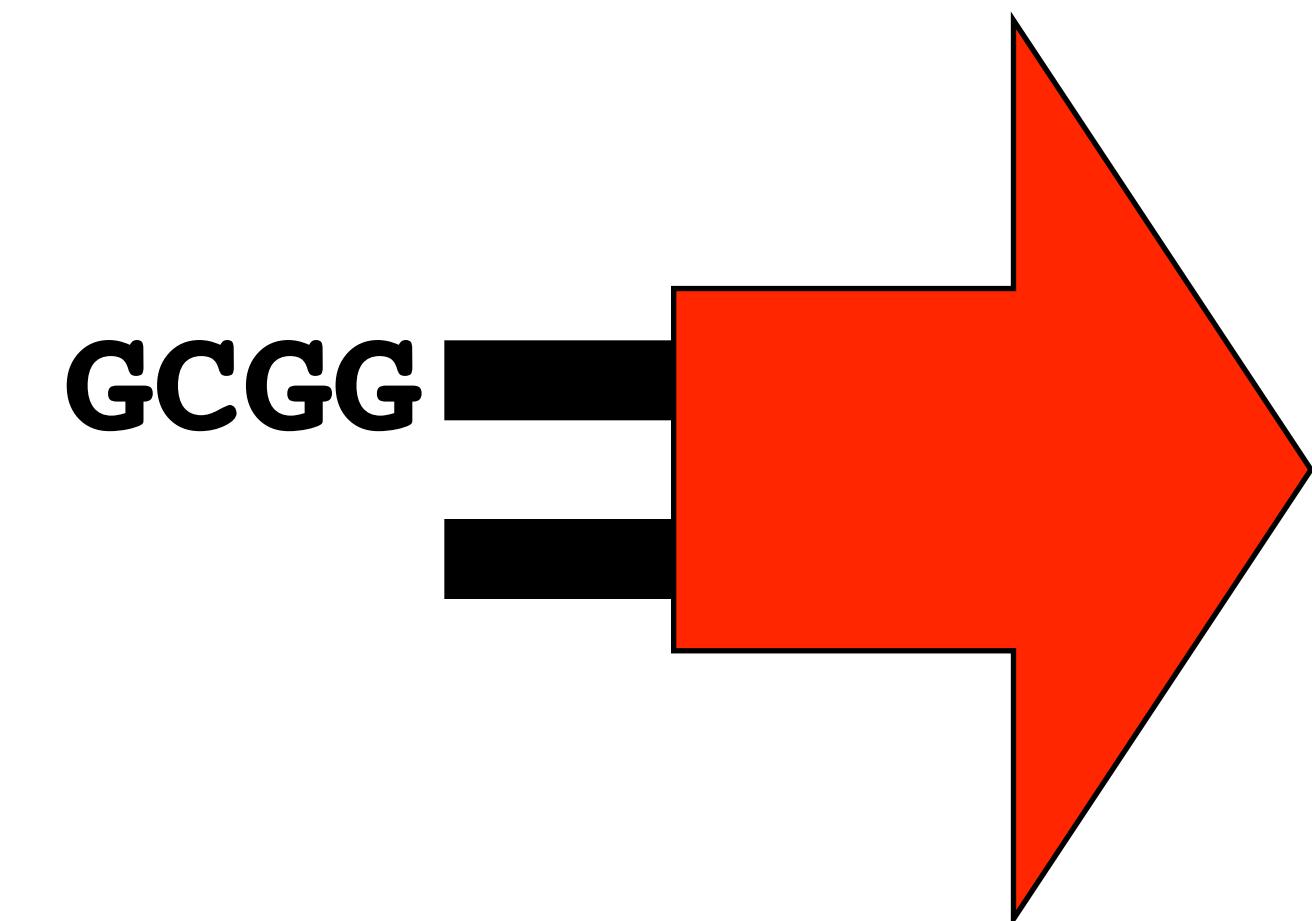
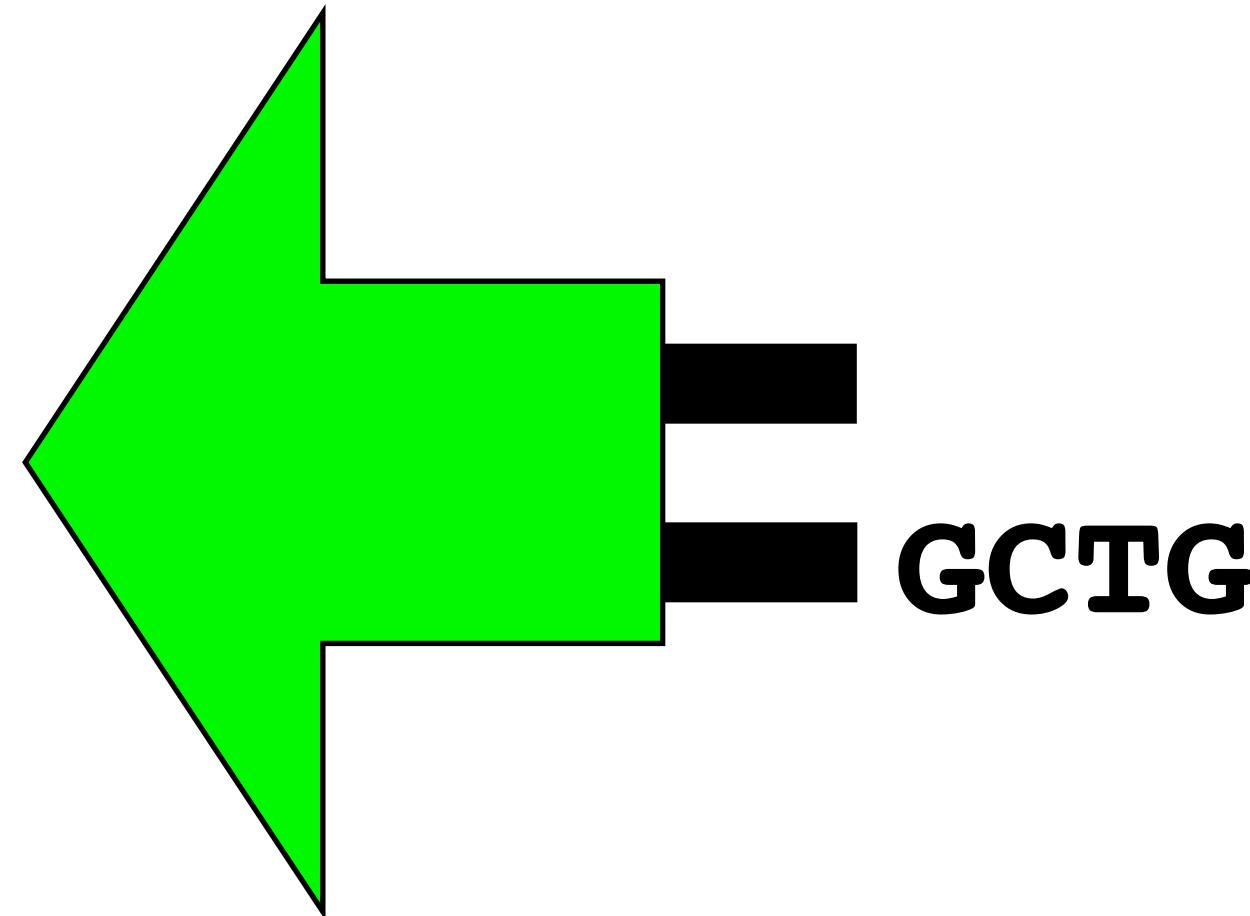
GGTCTCa
CCAGAGtCGCC

A large green arrow points to the left, with a black horizontal bar extending from its center. Below this bar, the sequence **GCTG** is written in black capital letters.A large red arrow points to the right, with a black horizontal bar extending from its center. Below this bar, the sequence **GCGG** is written in black capital letters.



CGACtGAGACC
aCTCTGG

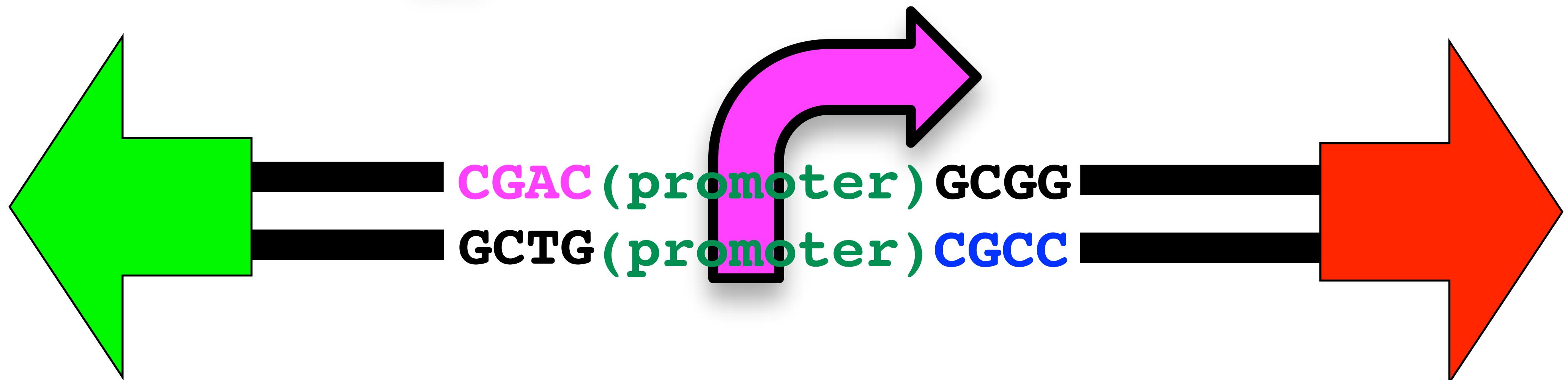
GGTCTCa
CCAGAGt CGCC



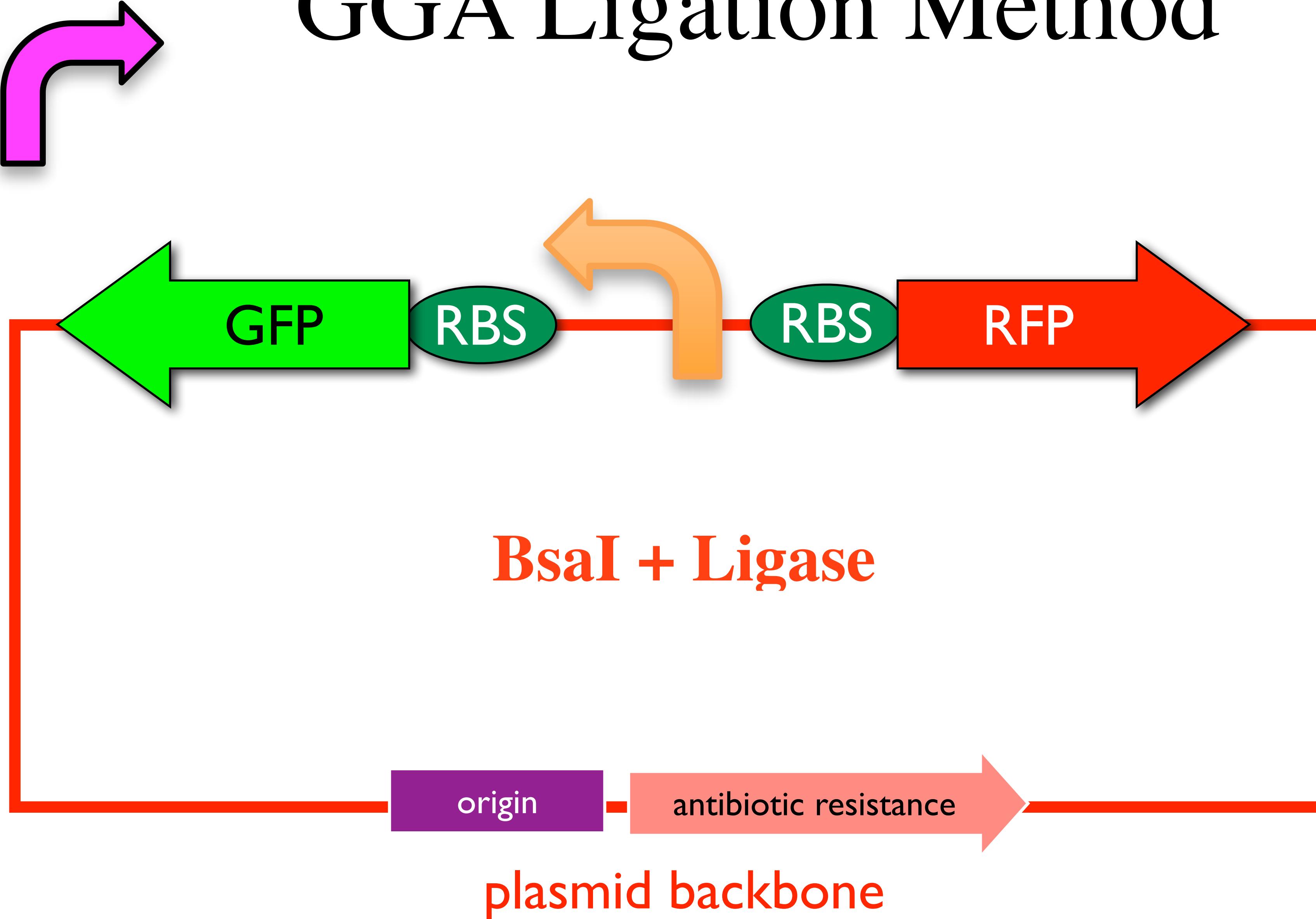
CGAC (promoter)
(promoter) CGCC

CGACtGAGACC
aCTCTGG

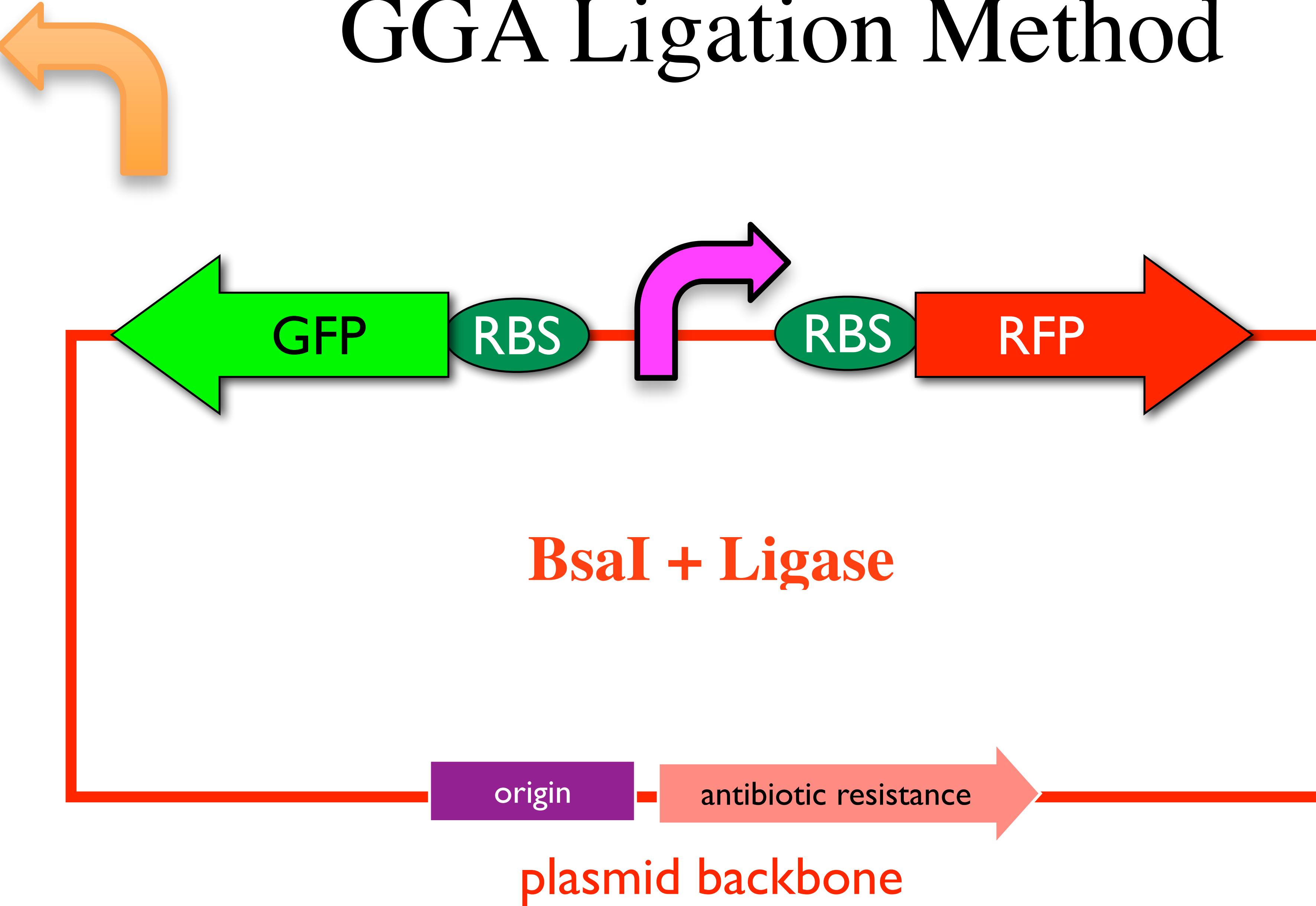
GGTCTCa
CCAGAGtCGCC



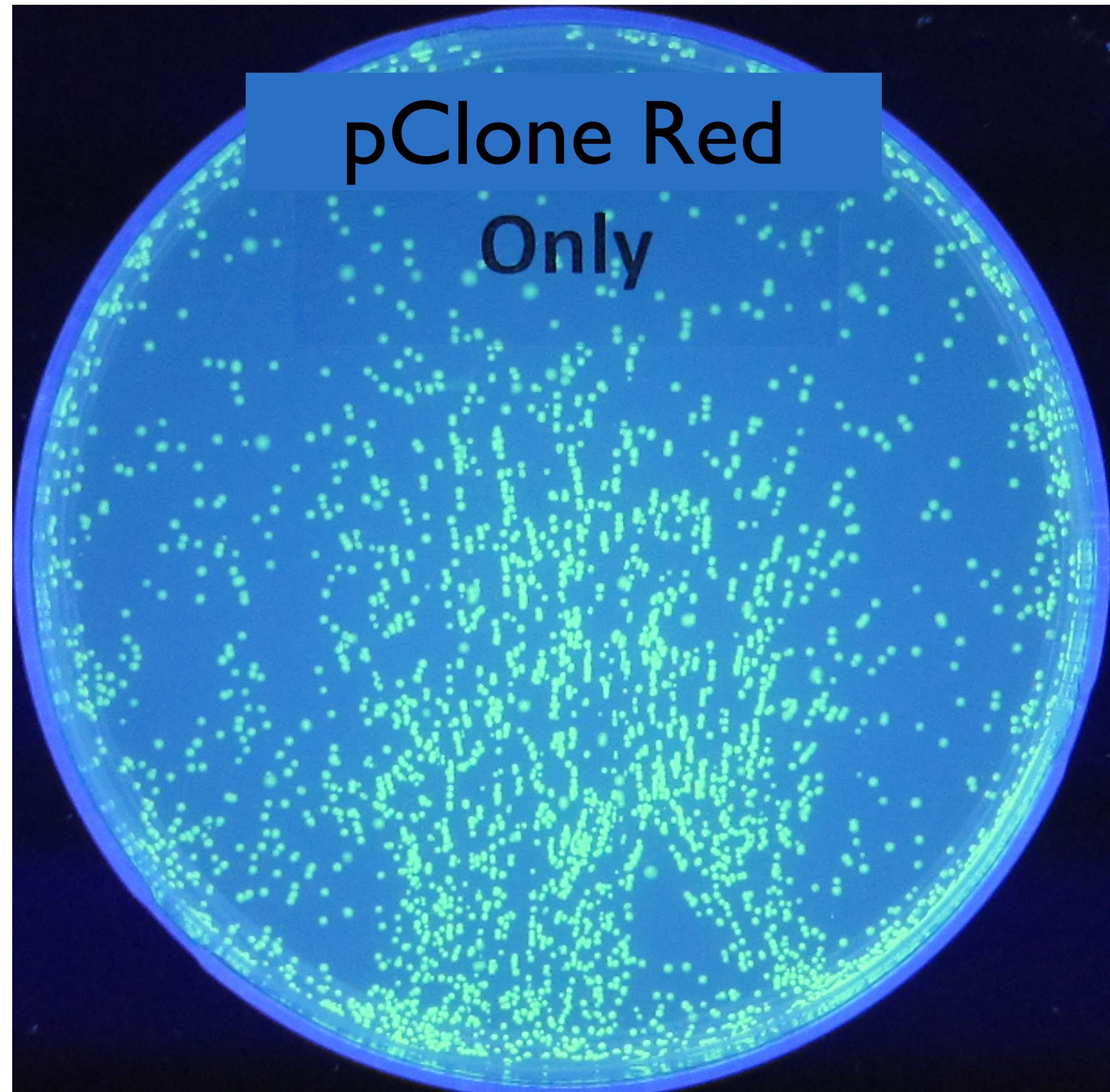
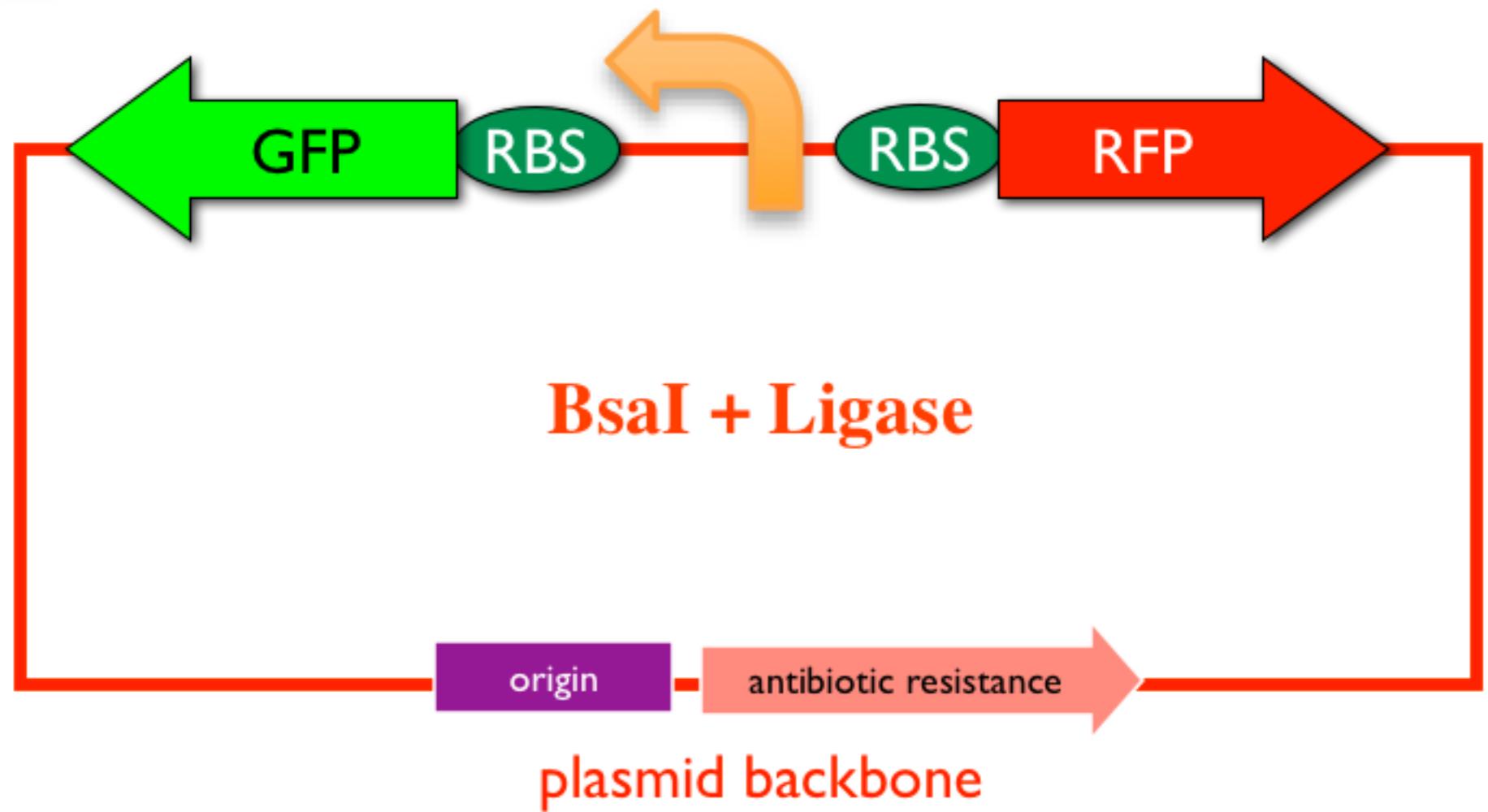
GGA Ligation Method



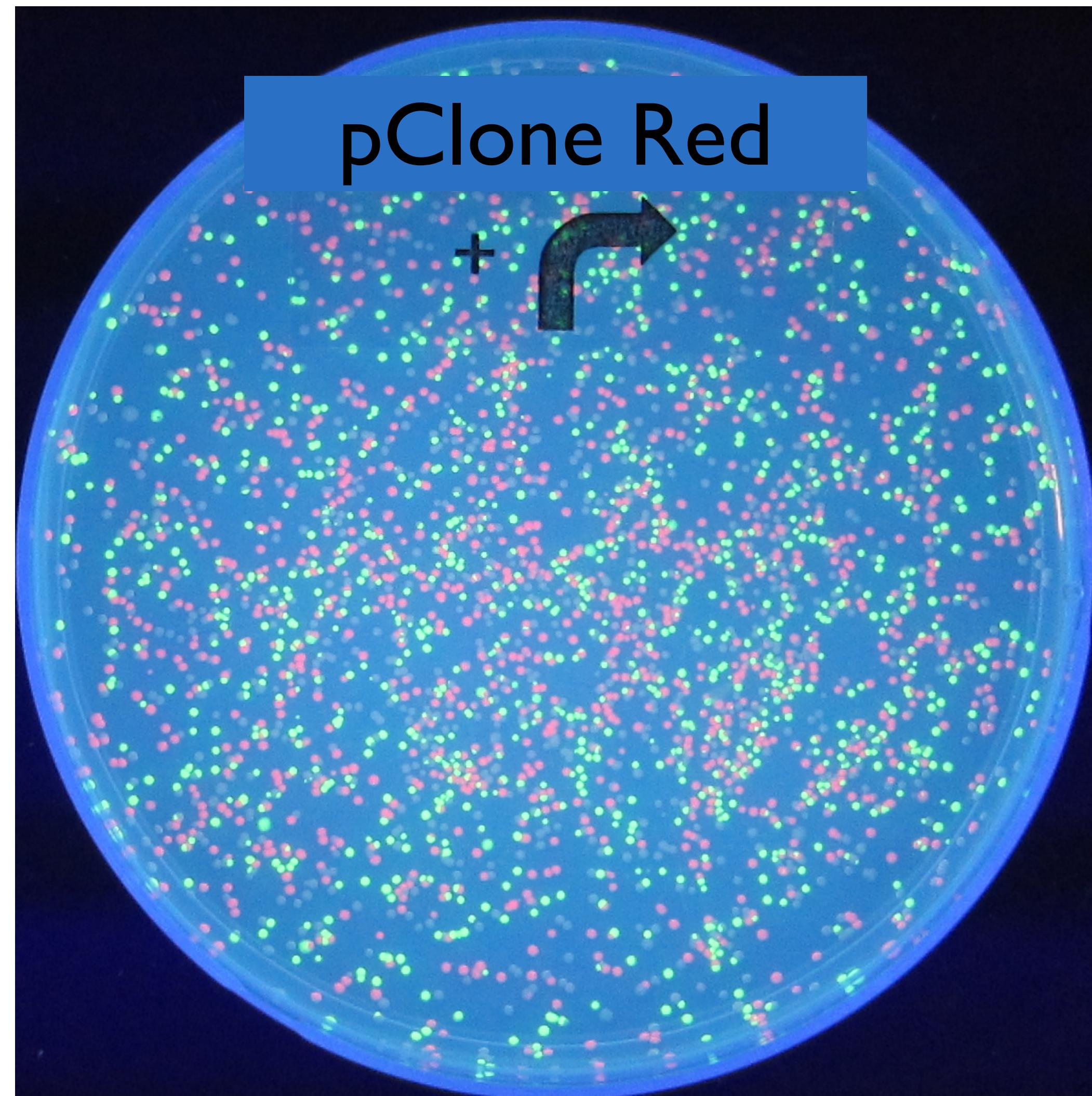
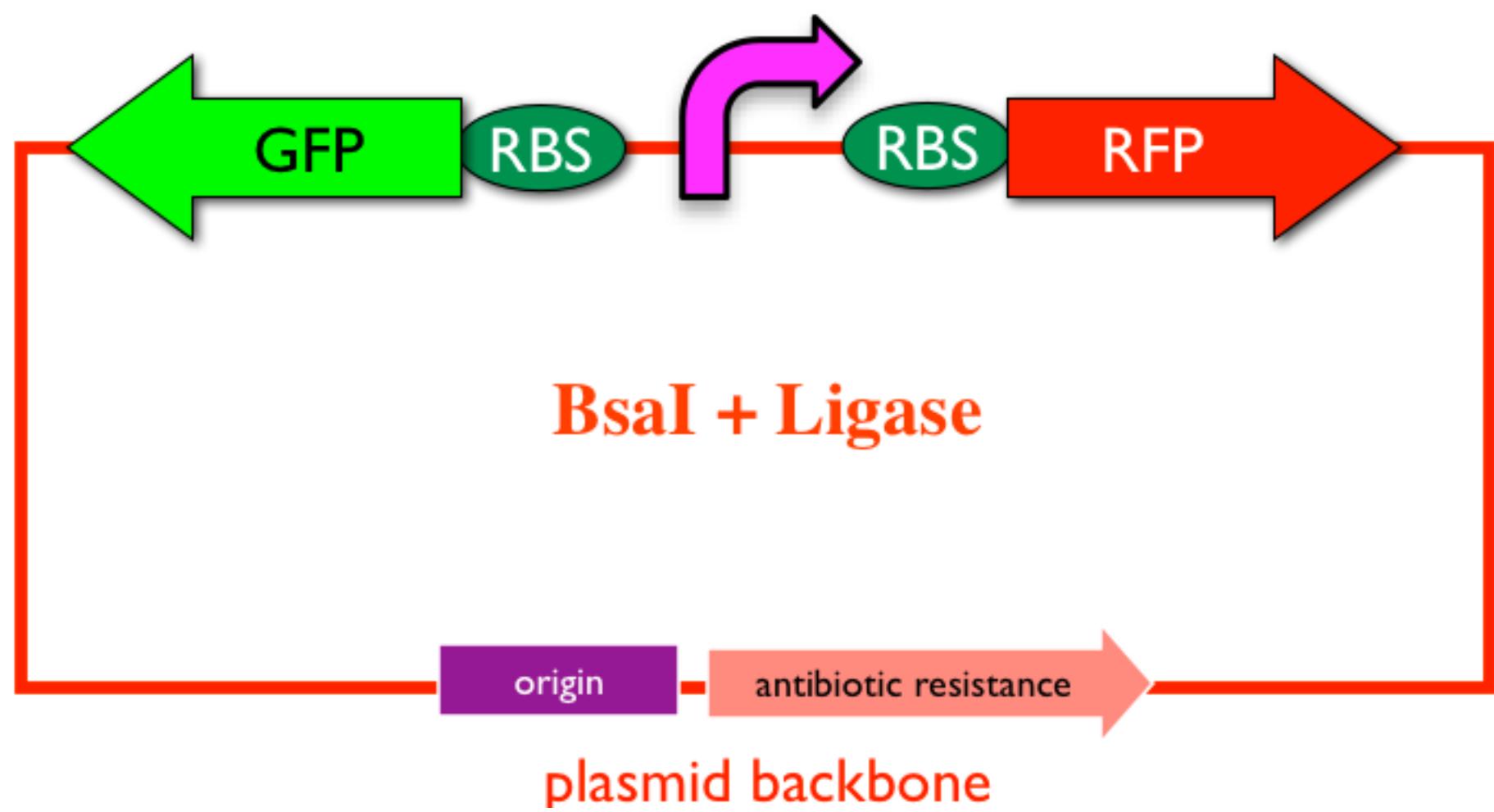
GGA Ligation Method



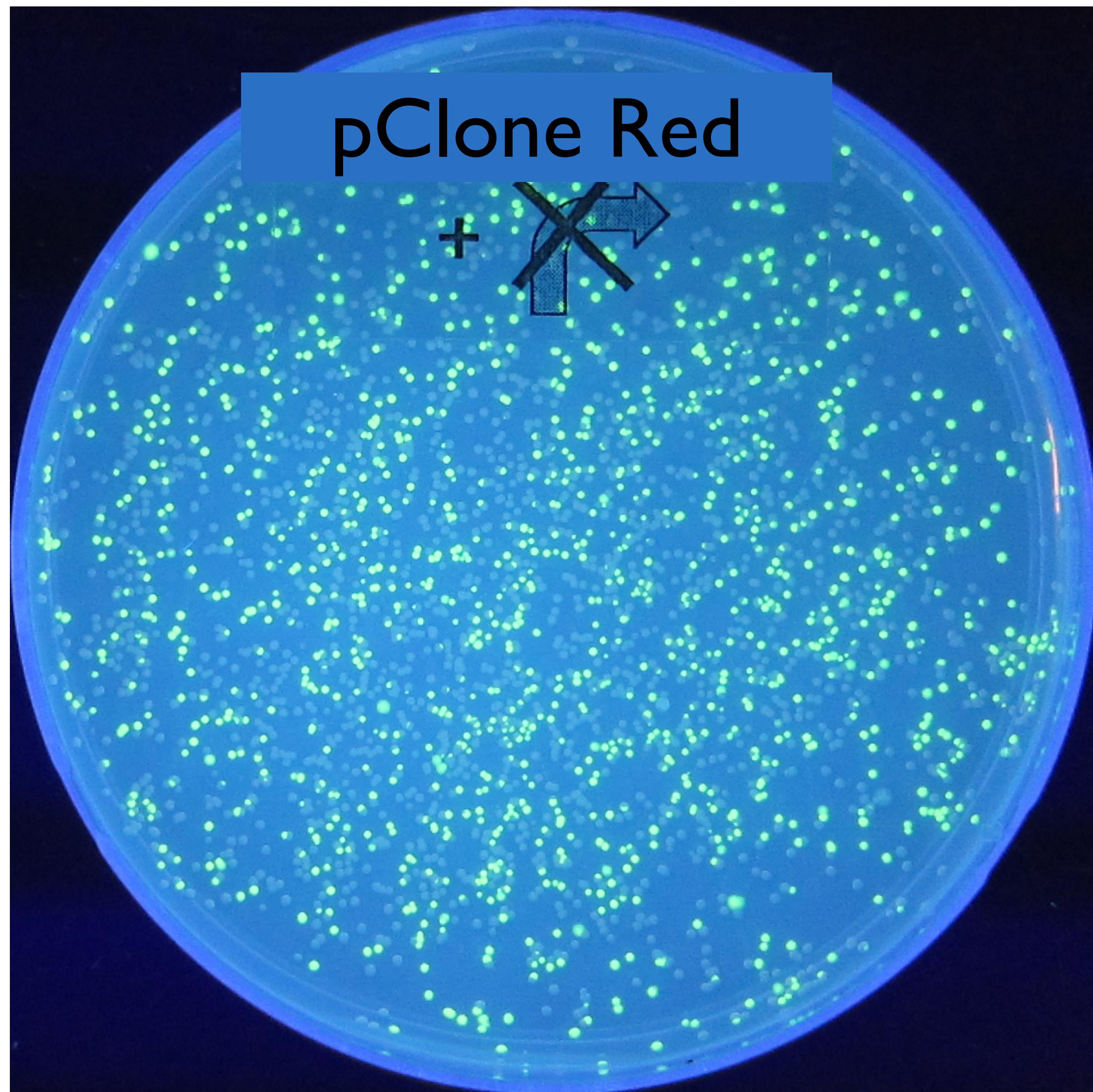
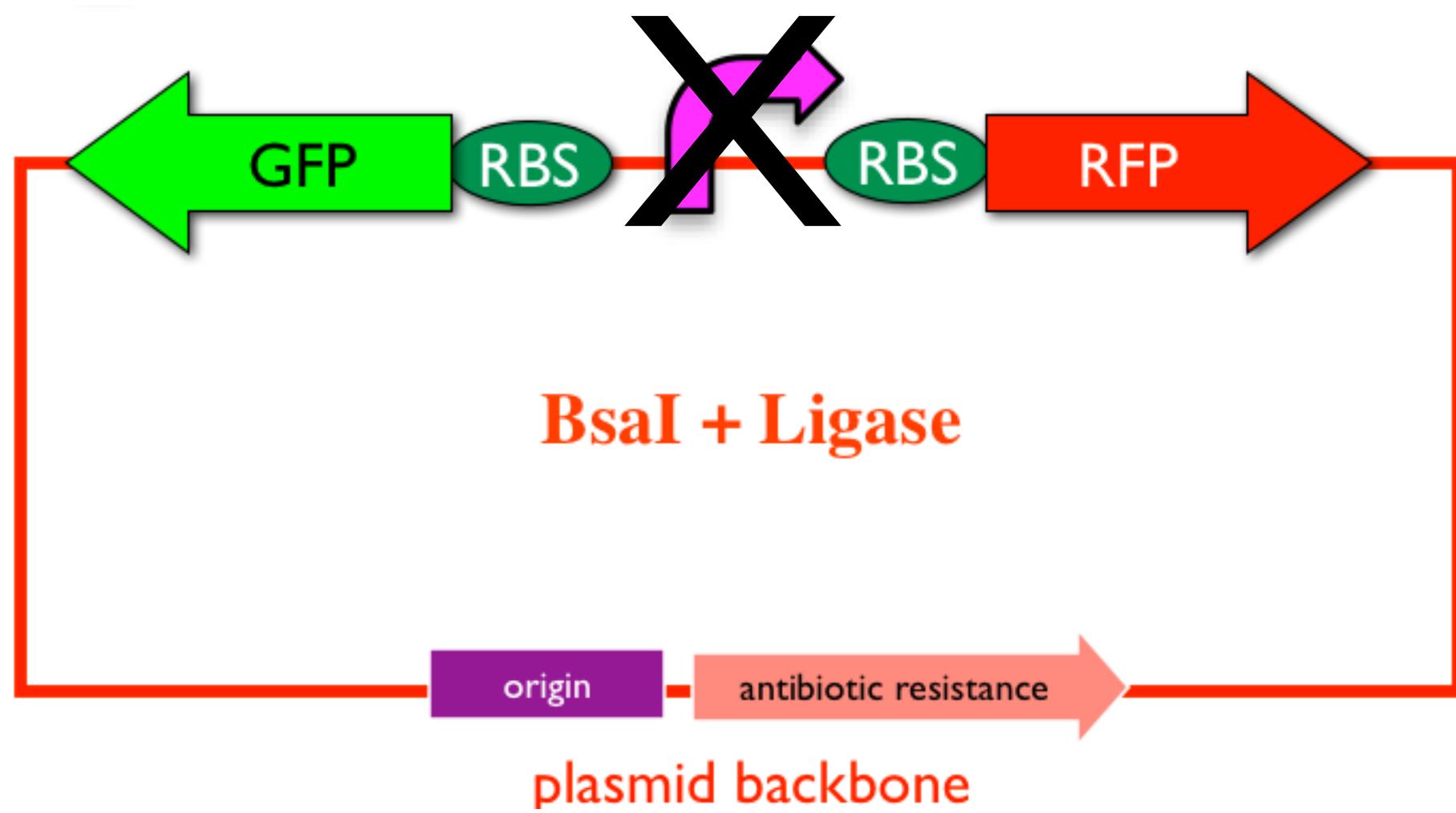
GGA Ligation Method



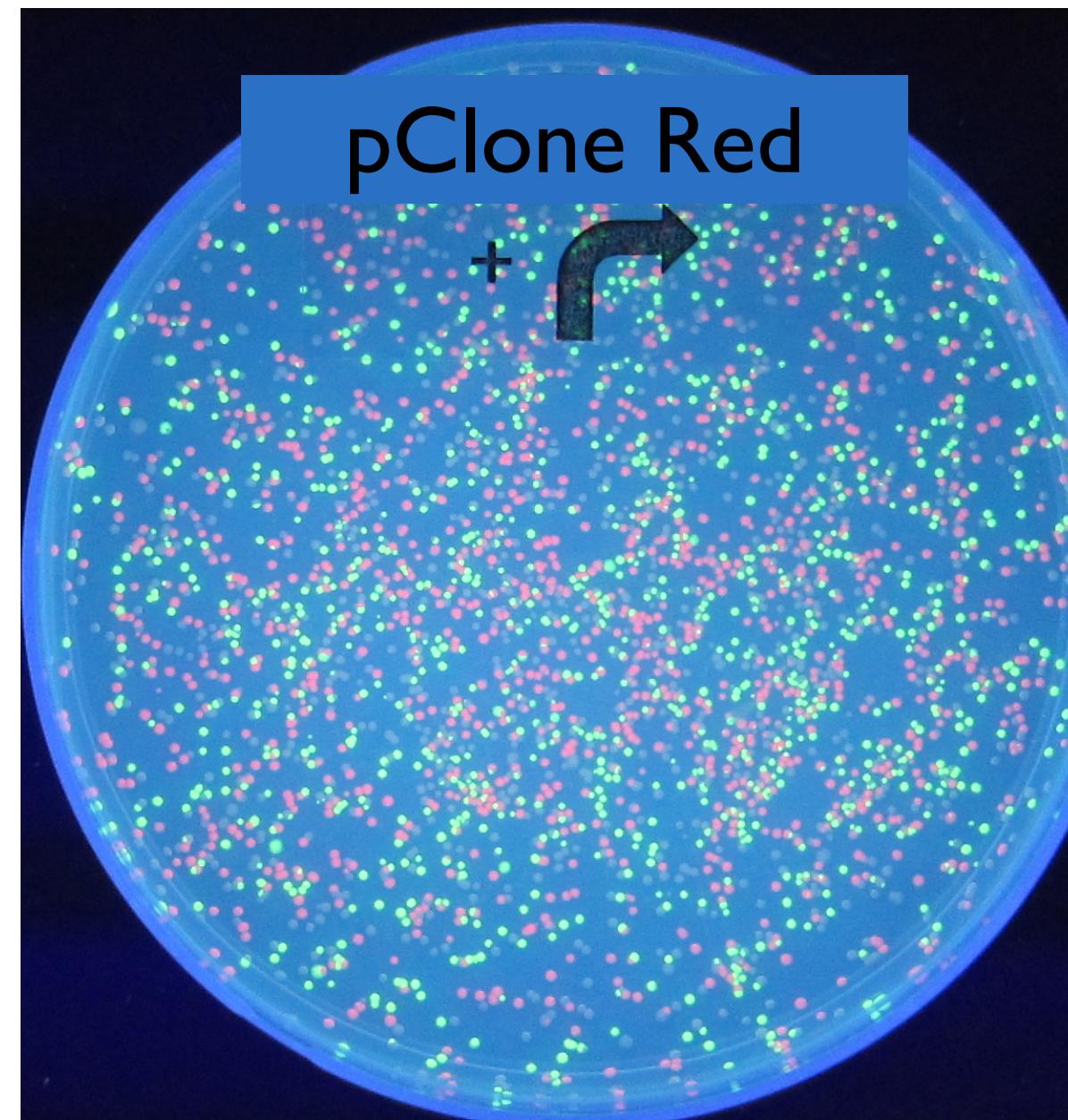
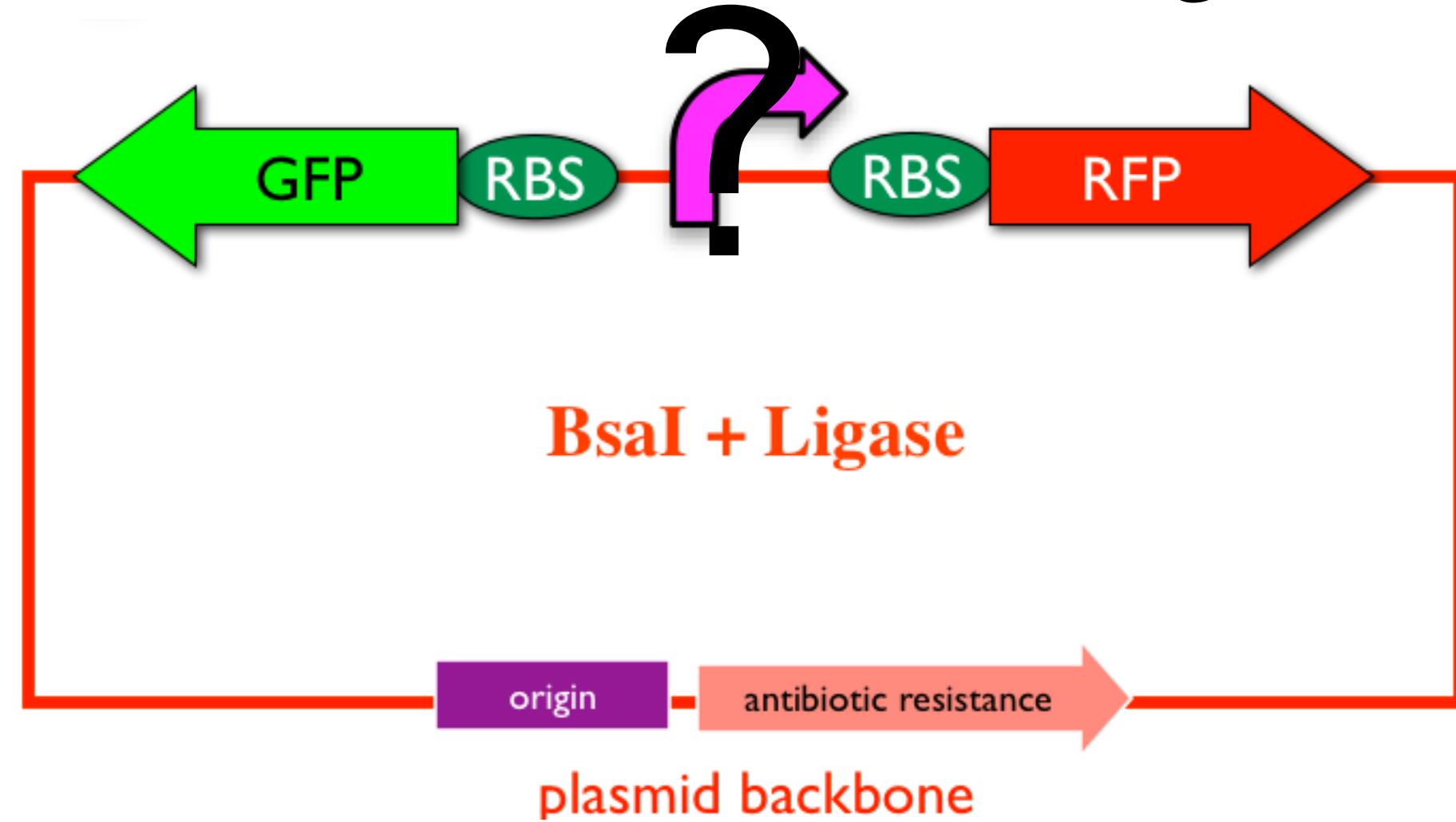
GGA Ligation Method



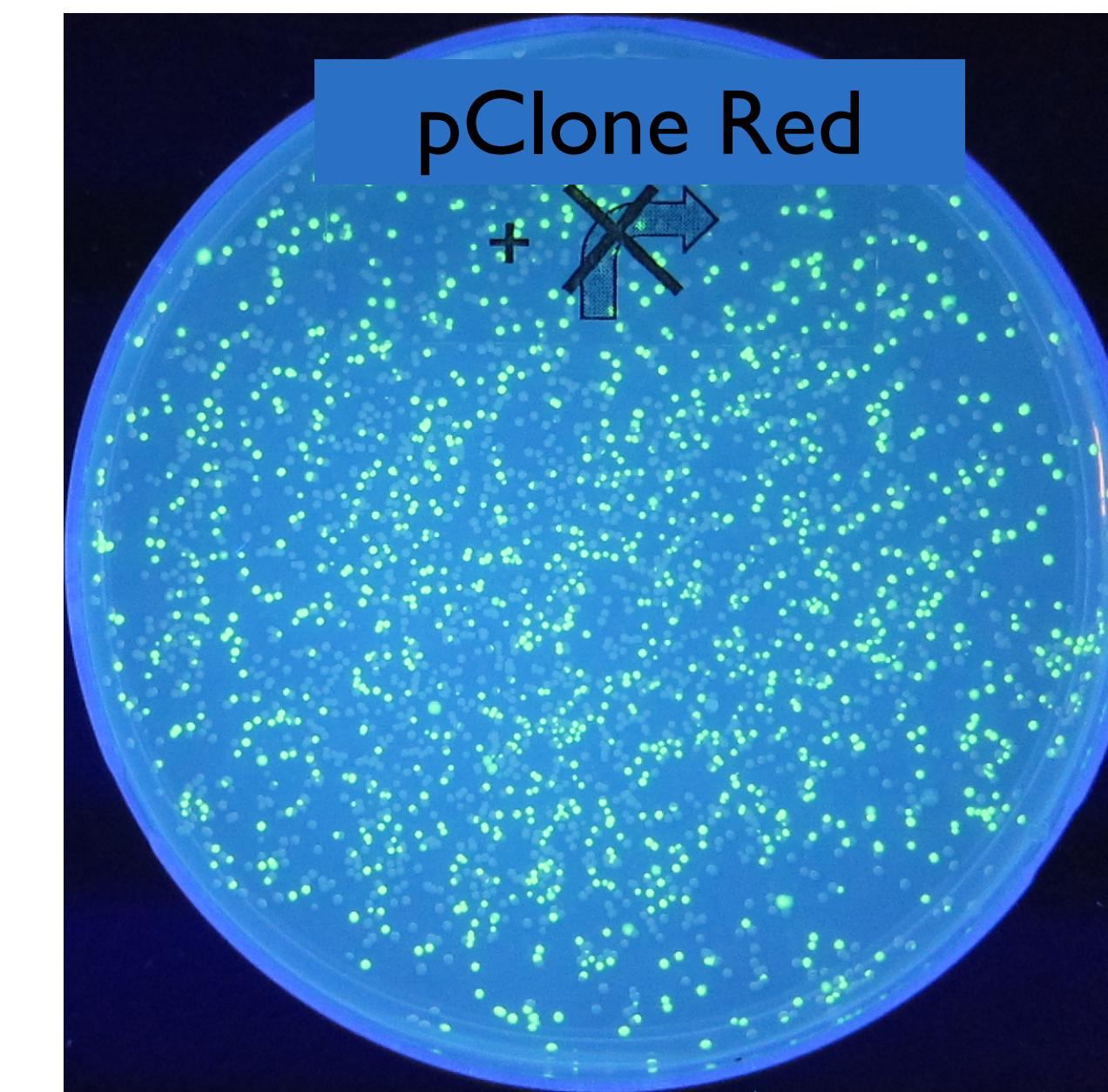
GGA Ligation Method



Your Research Project v1



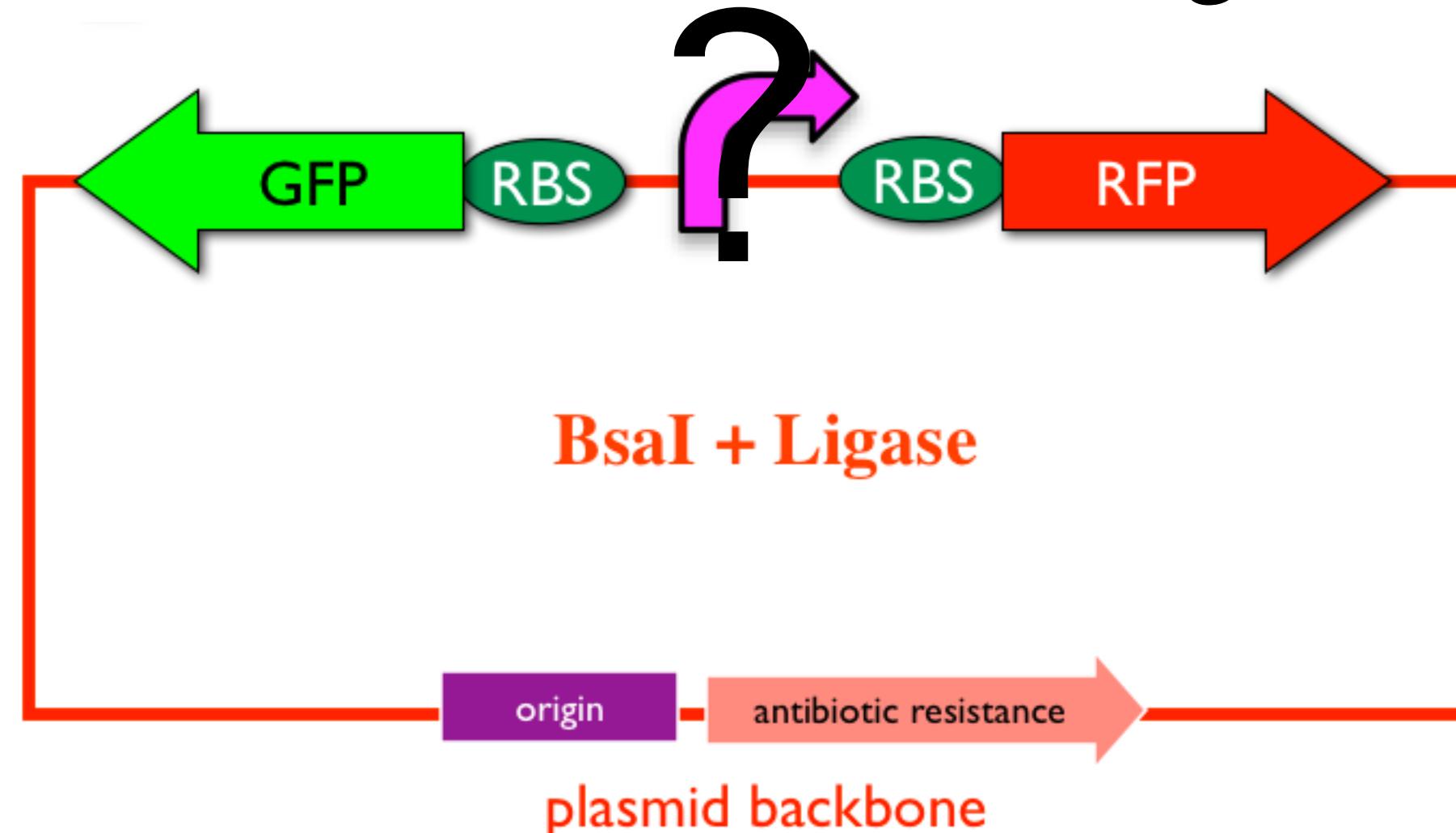
functional?



broken?

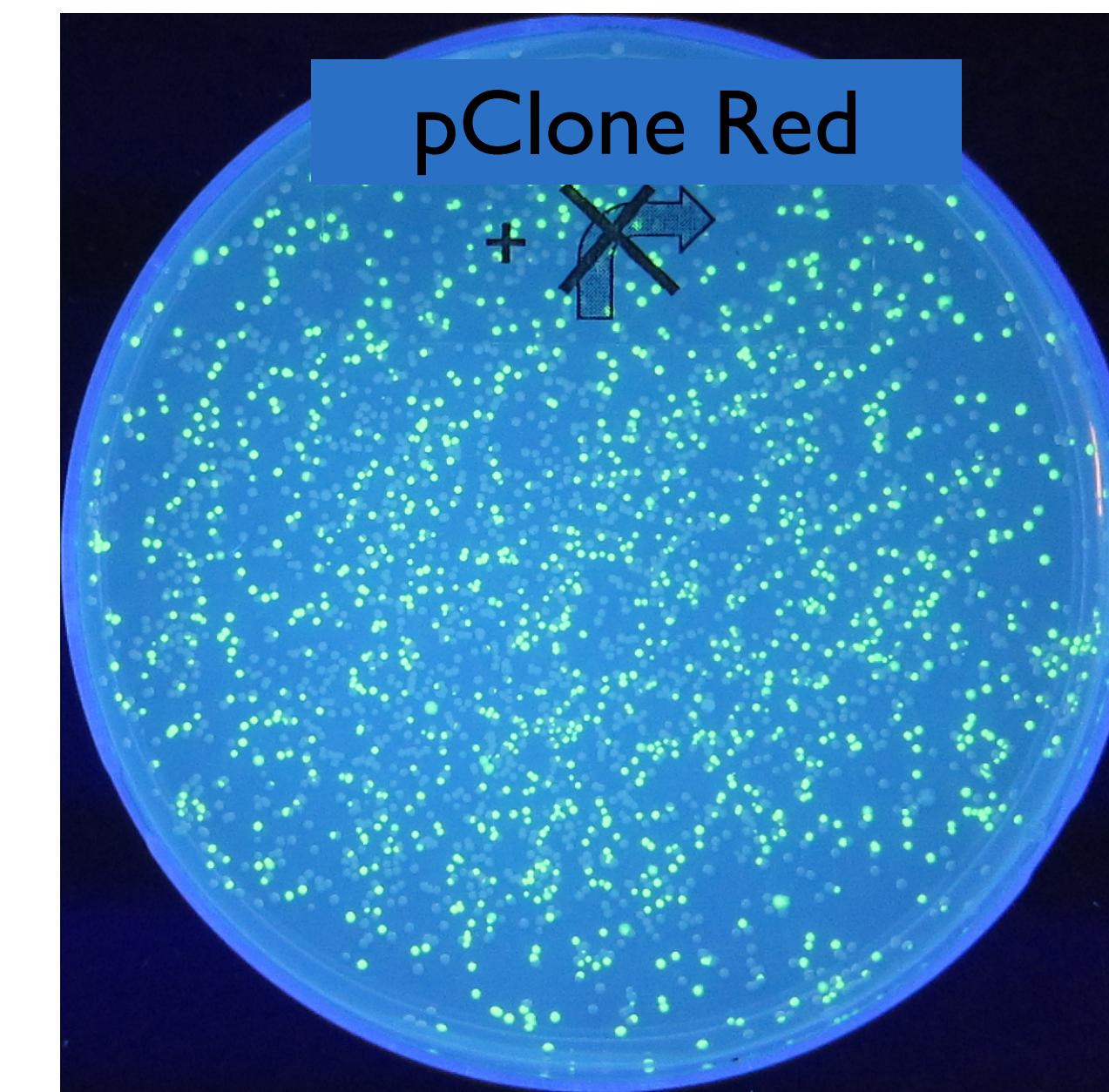
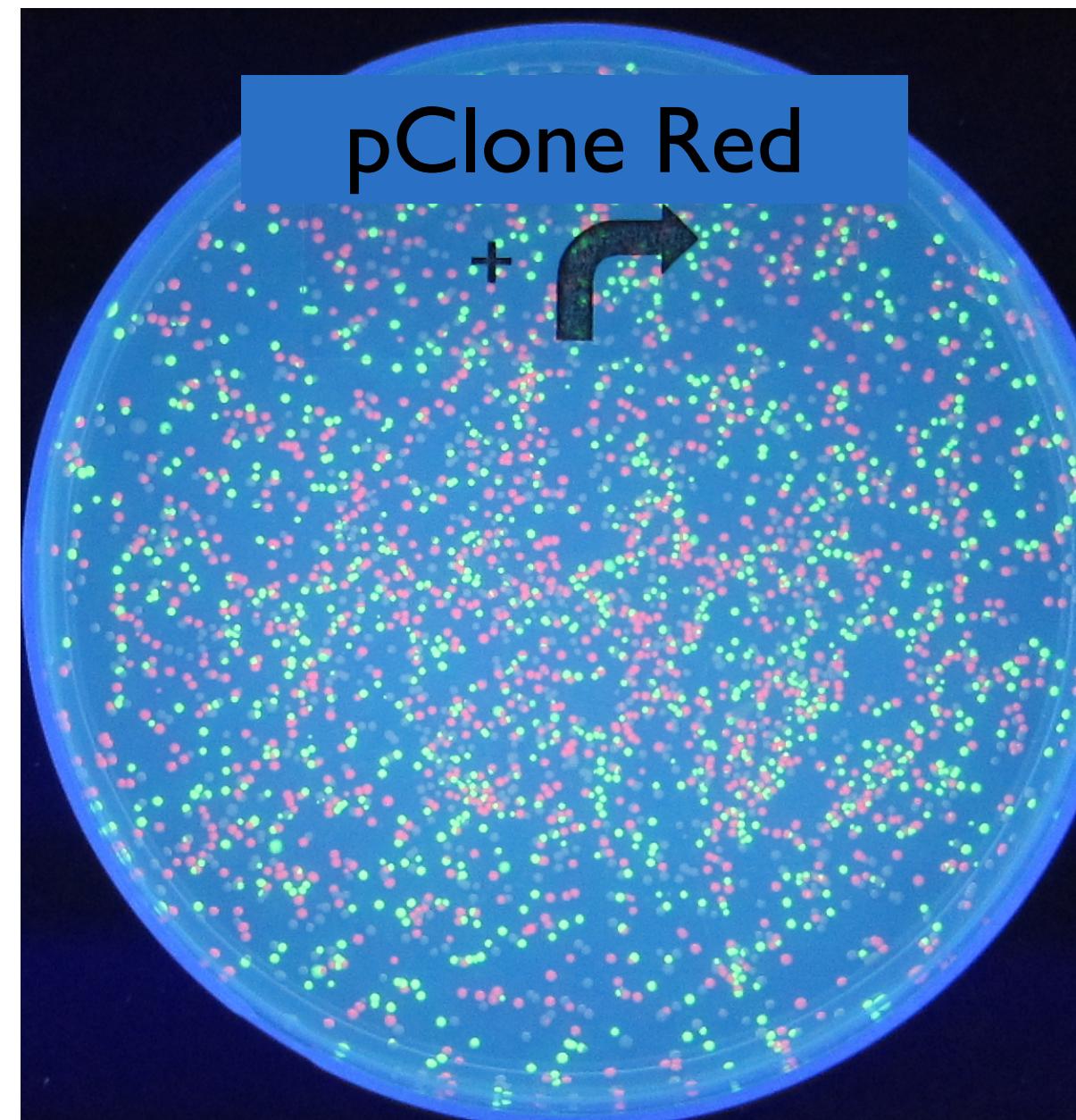
Your Research Project v1

blue = entB
green = glp



red = hutP
yellow = pbp1b

functional?



broken?