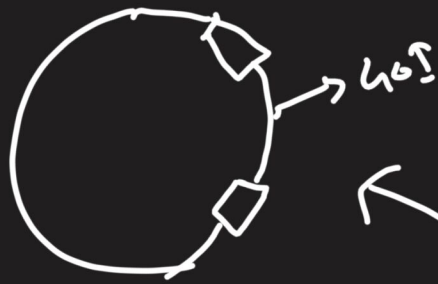


# Cloning Vector



Ori (origin of Replication)

MCS (Multiple cloning site)

: LacZ

Reporter Marker (lacZ)

1) Origin of Replication

$\beta$ -galactosidase

X-gal Substrate

(A + Ampicillin  
(100  $\mu$ g/ml)

Blue

Expression Vector

if no clone } Promoter  
                  } Shine-dalgarno sequence  
                  } -Terminator  
Blue

plasmid



Selection

Neomycin Marker.

(Ampicillin)

(Kanamycin)

(Chloramphenicol)

