All Figures Corresponding to Wiki

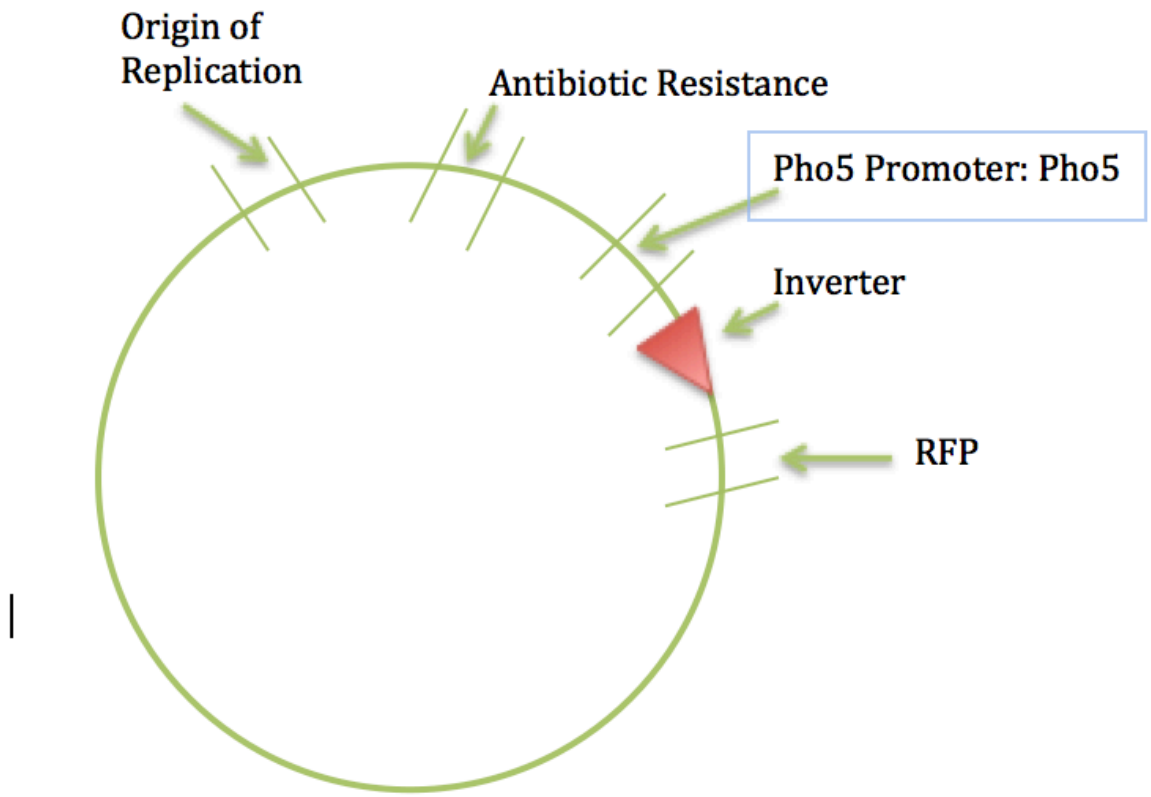


Figure 1

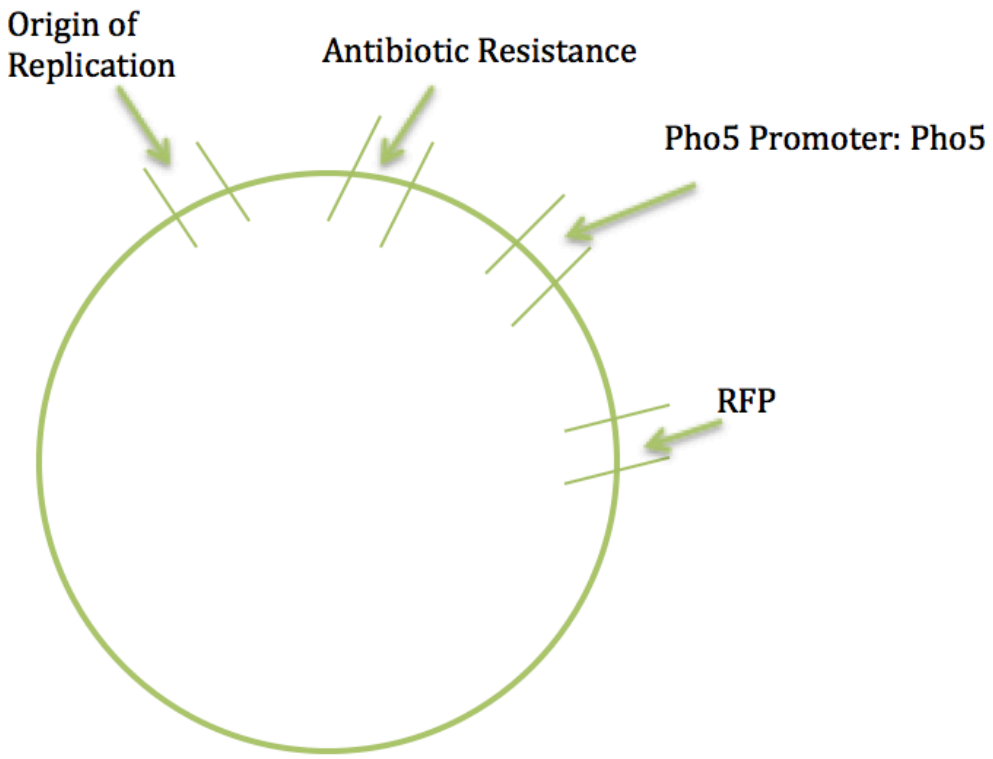

Origin of Replication
Antibiotic Resistance
Pho5 Promoter: Pho5
RFP

Figure 2

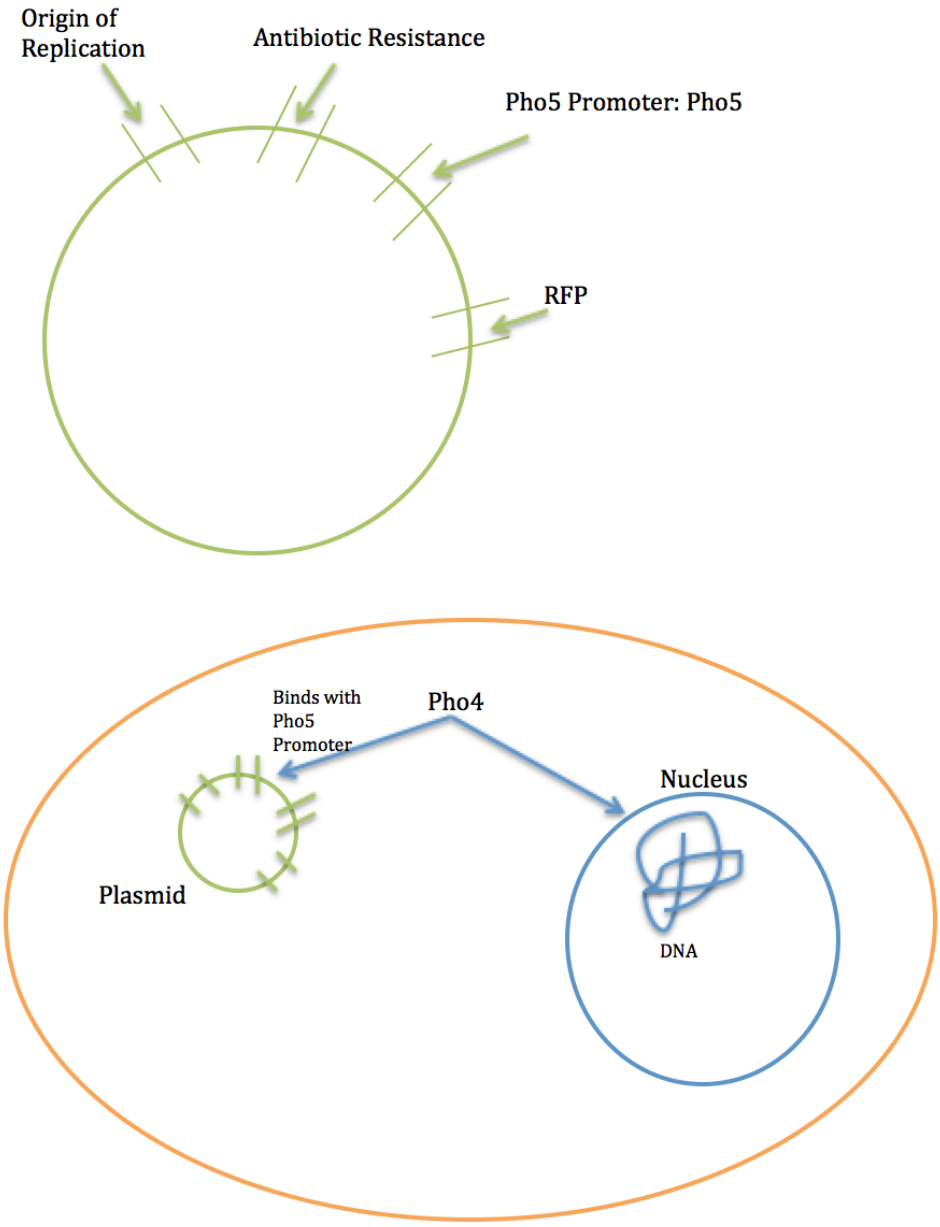

Origin of Replication
Antibiotic Resistance
Pho5 Promoter: Pho5
RFP
Binds with Pho5 Promoter
Pho4
Nucleus
Plasmid
DNA

Figure 3

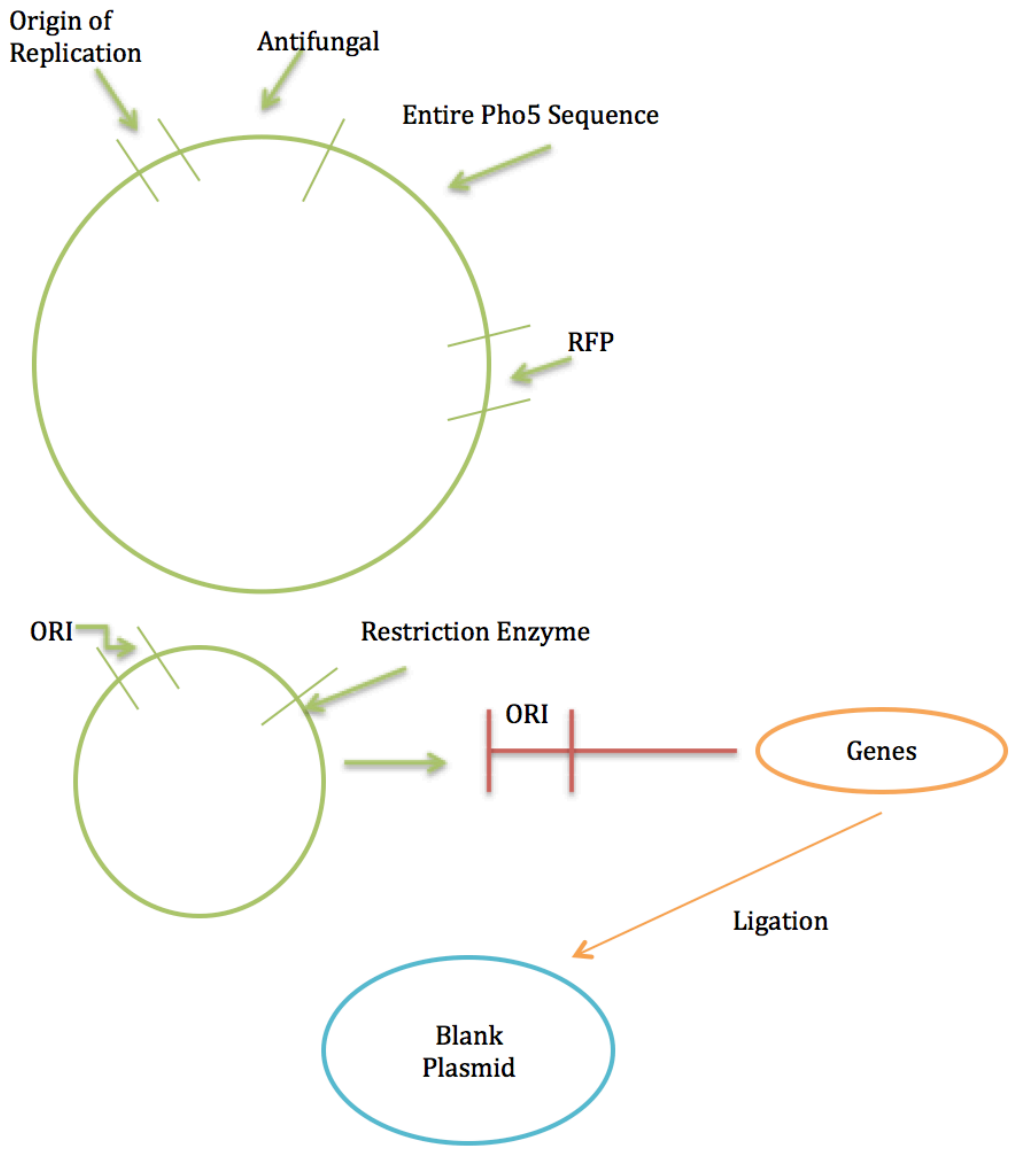
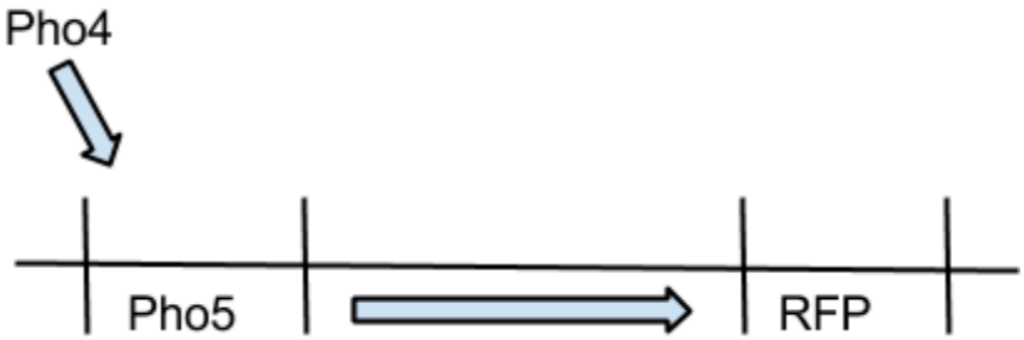


Figure 4:

Figure 5:



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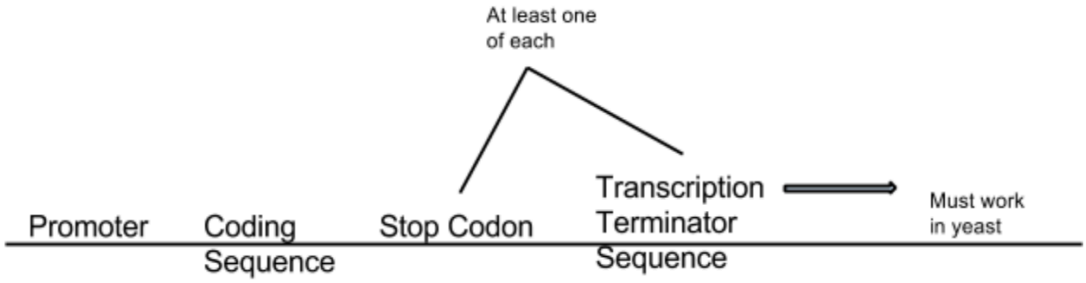

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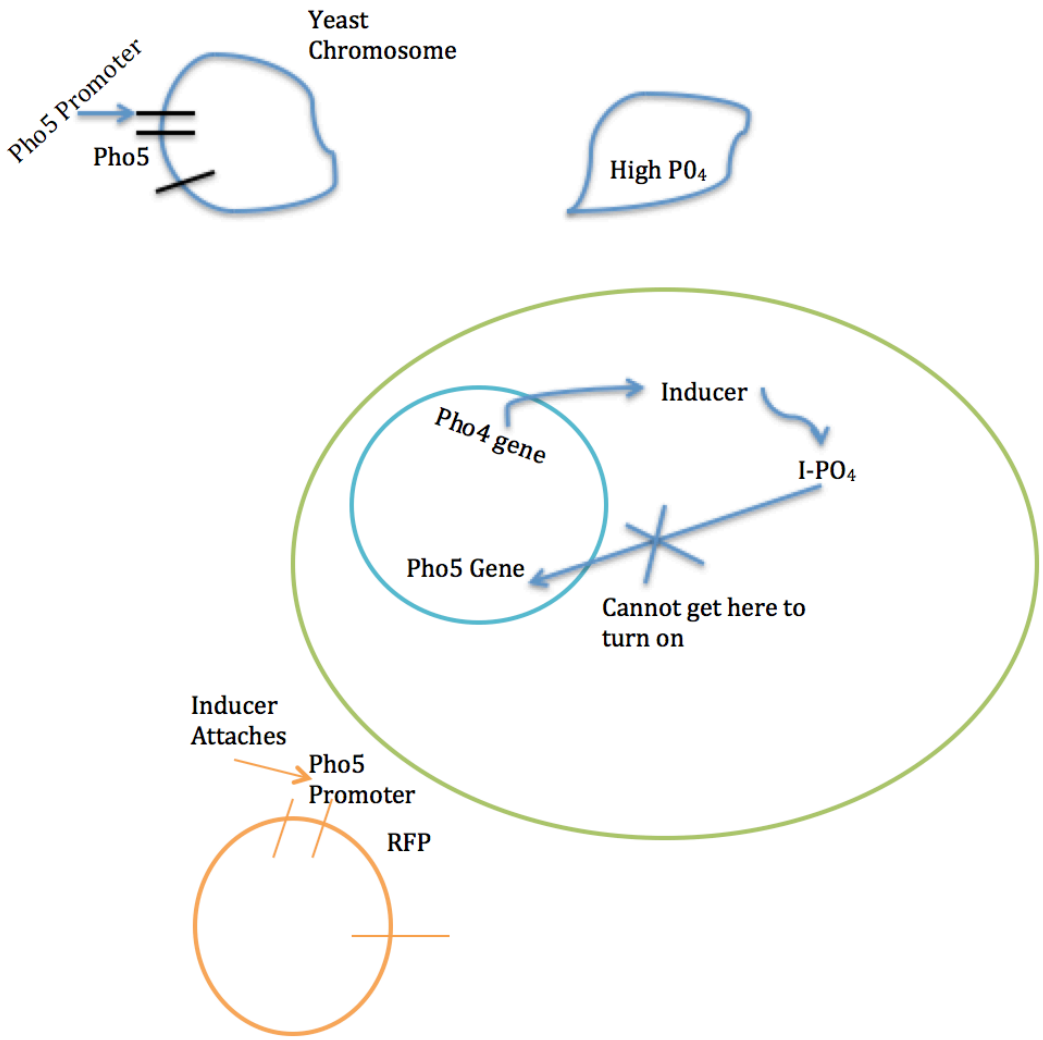
Yeast
Chromosome
Pho5 Promoter
Pho5
High P0$_4$
Inducer
Pho4 gene
I-PO$_4$
Pho5 Gene
Cannot get here to
turn on
Inducer
Attaches
Pho5
Promoter
RFP

Figure 8:

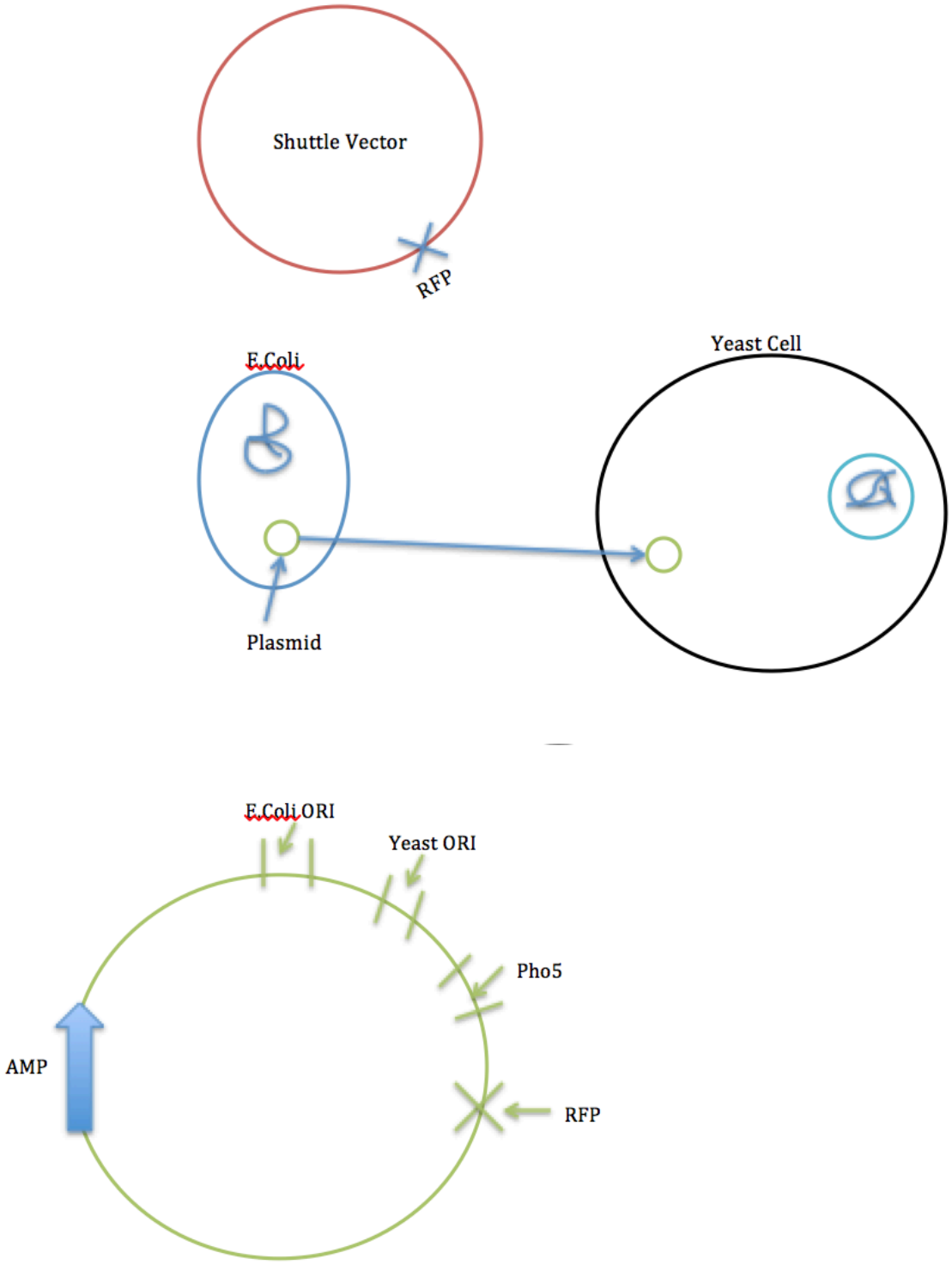
Shuttle Vector
RFP
E.Coli
Yeast Cell
Plasmid
E.Coli ORI
Yeast ORI
Pho5
AMP
RFP

Figure 9:

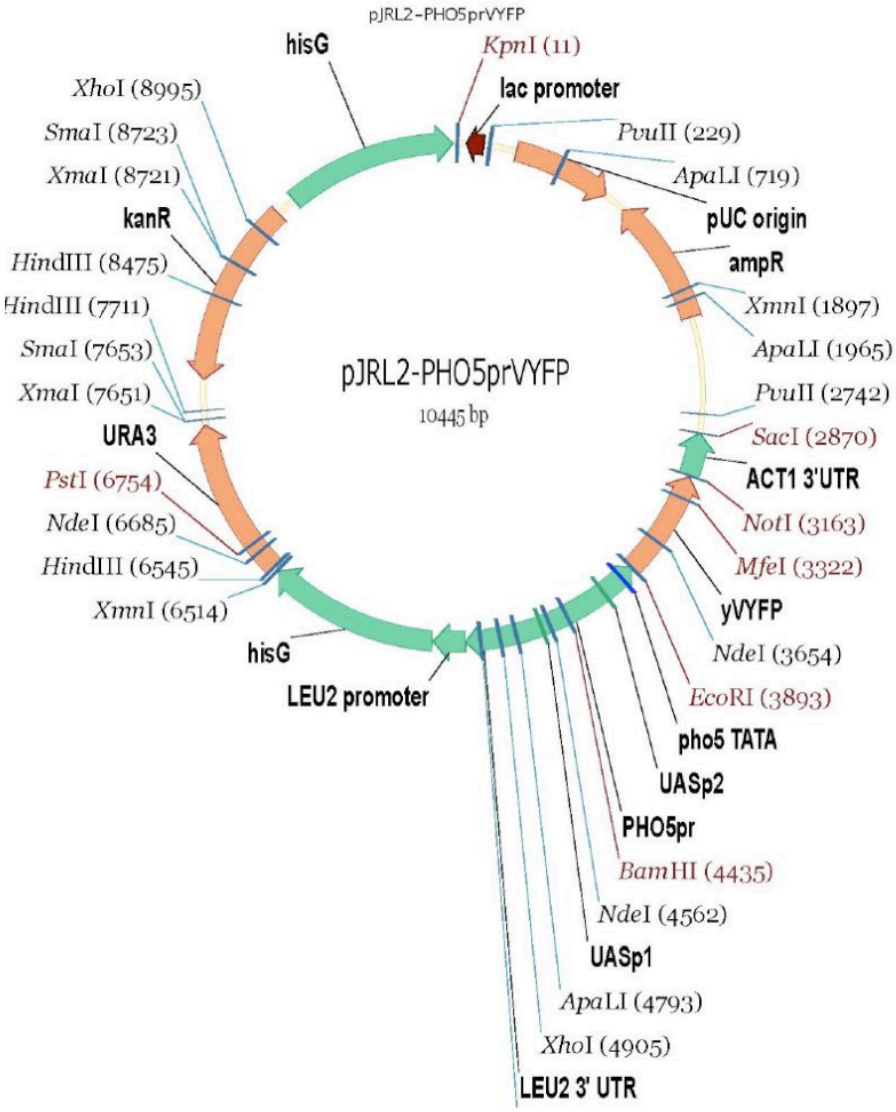
pJRL2-PHO5prVYFP
hisG
KpnI (11)
lac promoter
XhoI (8995)
SmaI (8723)
XmaI (8721)
kanR
HindIII (8475)
HindIII (7711)
SmaI (7653)
XmaI (7651)
URA3
PstI (6754)
NdeI (6685)
HindIII (6545)
XmnI (6514)
hisG
LEU2 promoter
PvuII (229)
ApaLI (719)
pUC origin
ampR
XmnI (1897)
ApaLI (1965)
PvuII (2742)
SacI (2870)
ACT1 3'UTR
NotI (3163)
MfeI (3322)
yVYFP
NdeI (3654)
EcoRI (3893)
pho5 TATA
UASp2
PHO5pr
BamHI (4435)
NdeI (4562)
UASp1
ApaLI (4793)
XhoI (4905)
LEU2 3' UTR
pJRL2-PHO5prVYFP
10445 bp

Figure 10:

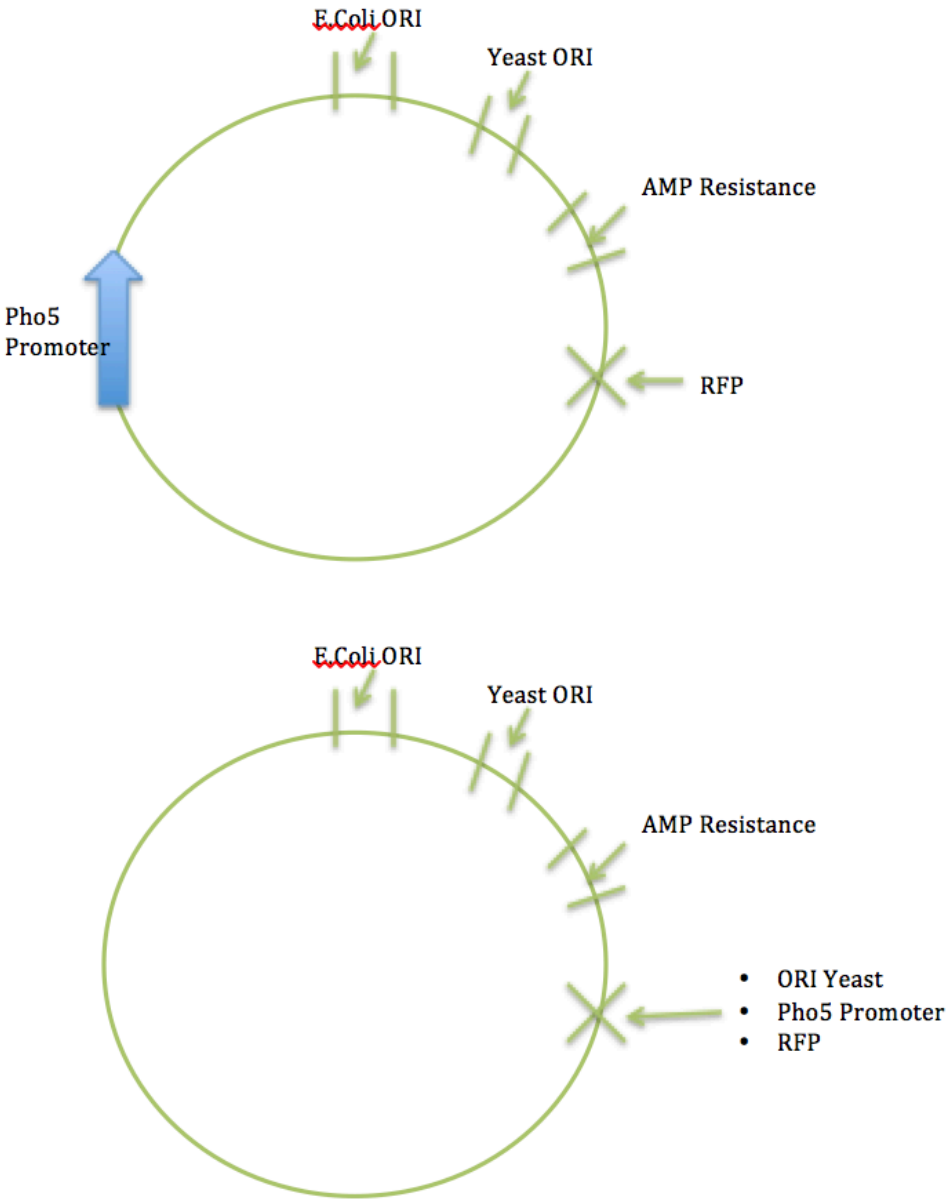
E.Coli ORI
Yeast ORI
AMP Resistance
Pho5
Promoter
RFP
E.Coli ORI
Yeast ORI
AMP Resistance
ORI Yeast
Pho5 Promoter
RFP

Figure 11:

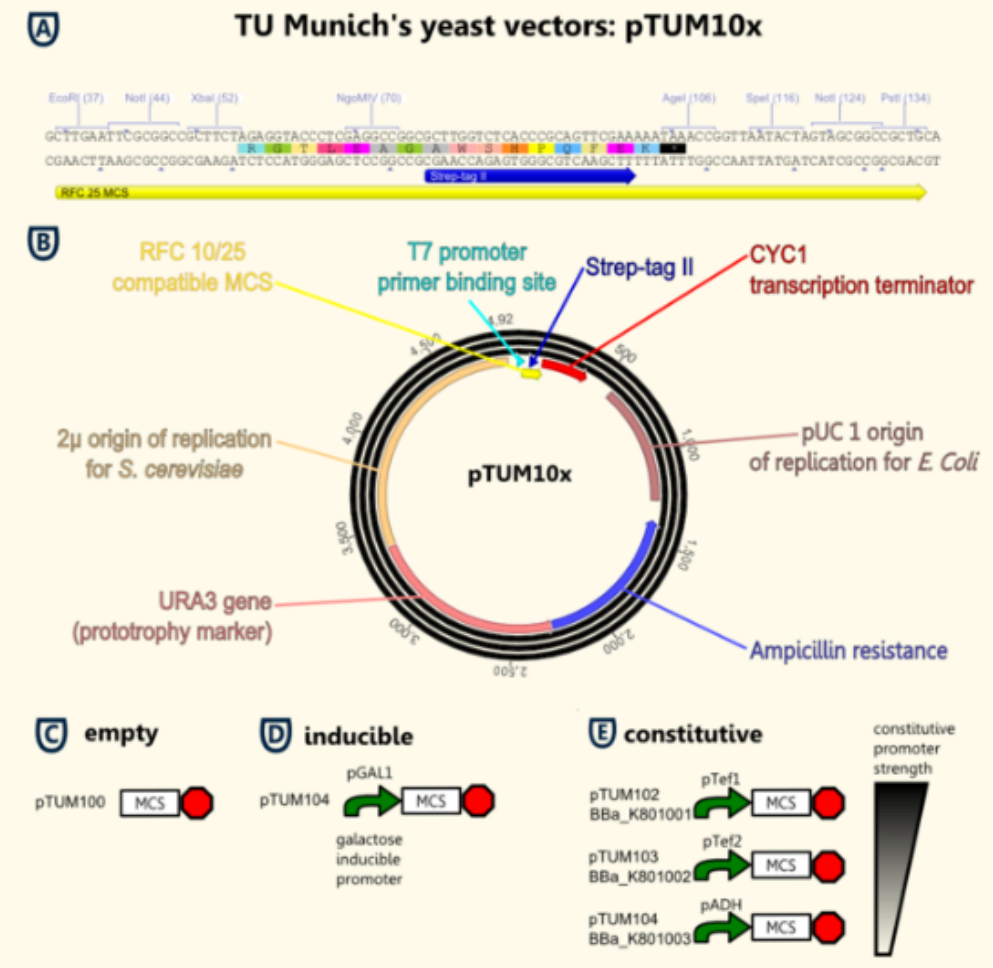

Figure 12:

Figure 13:

Figure 14:

Figure 15:

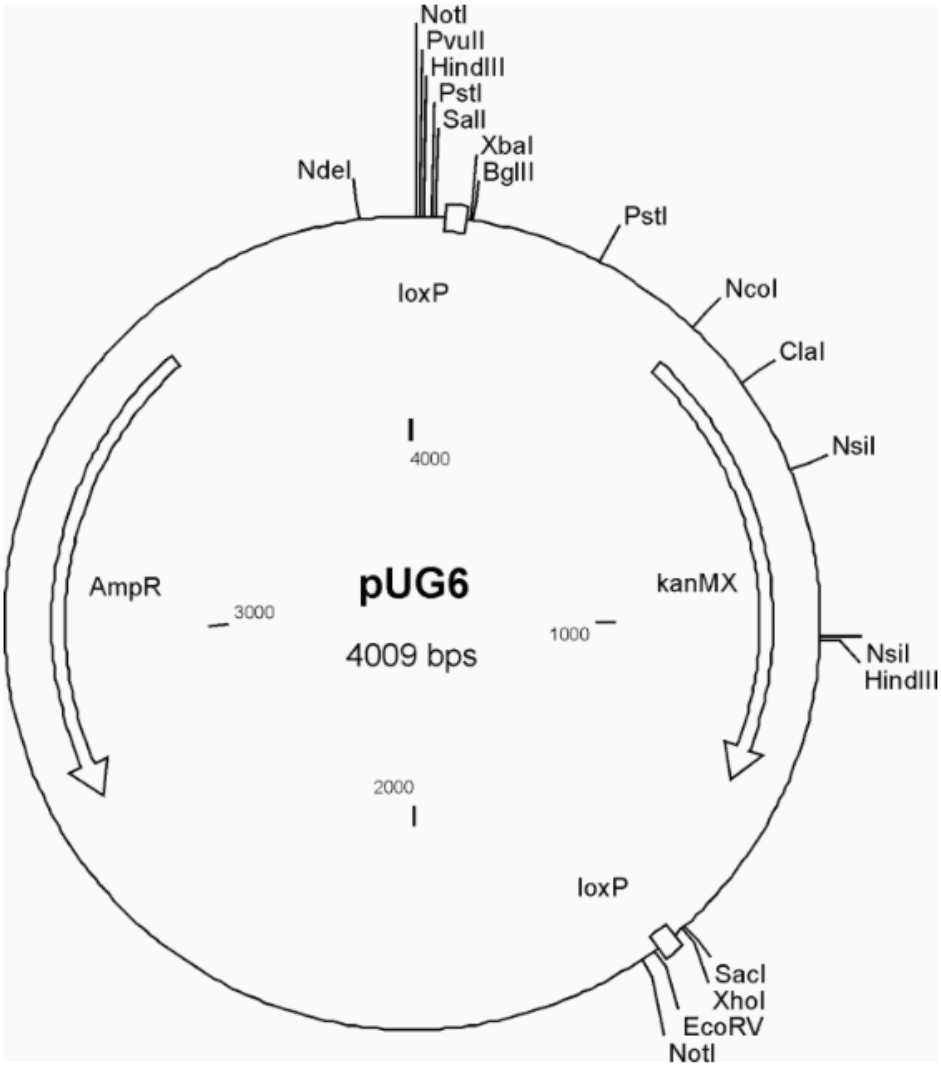

Figure 16:

Figure 17:

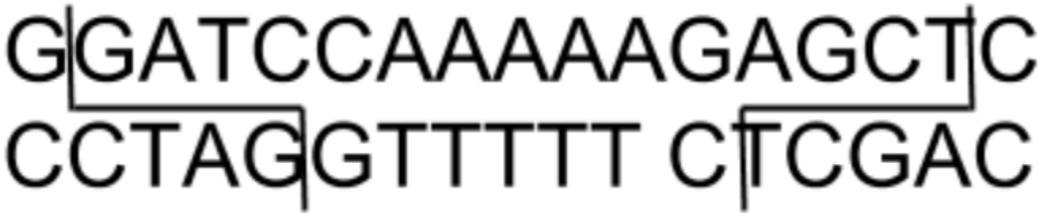

Figure 18:

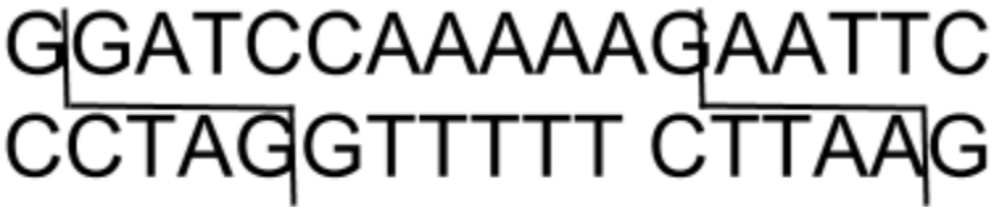

Figure 19:

Figure 20:

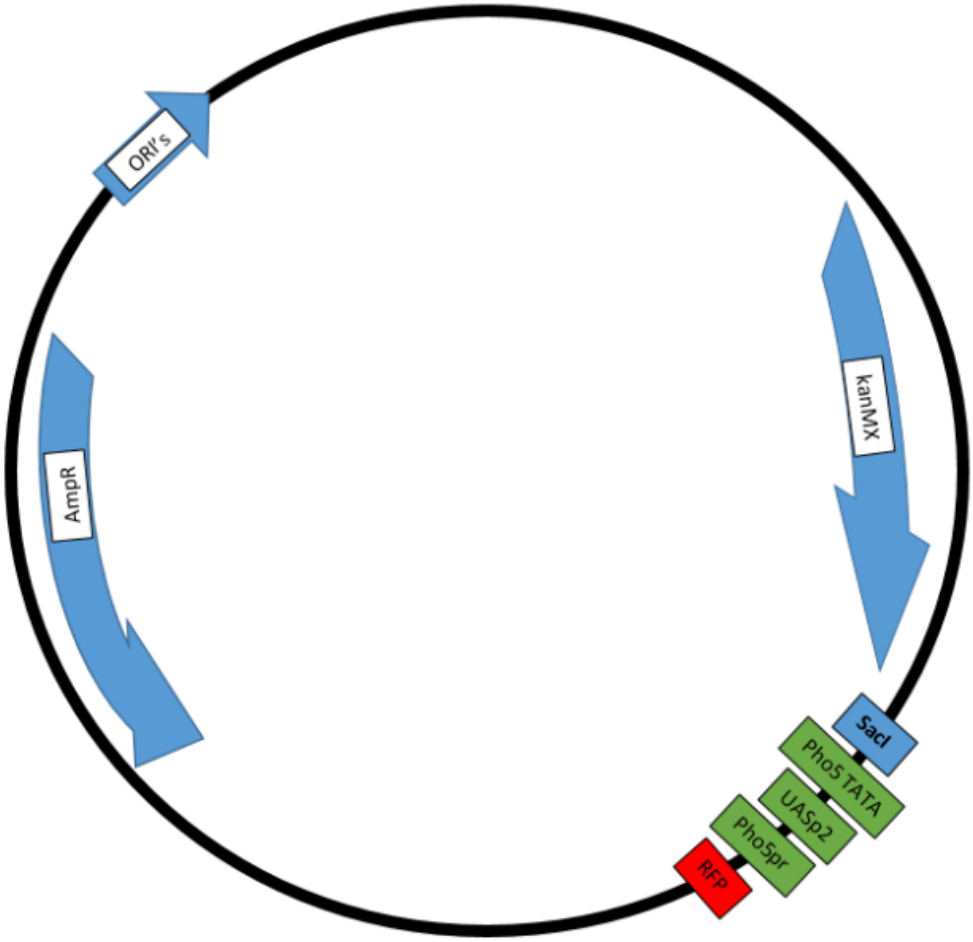

Figure 21:

Figure 22:

Figure 23:

Figure 24:

Figure 25:

Figure 26:

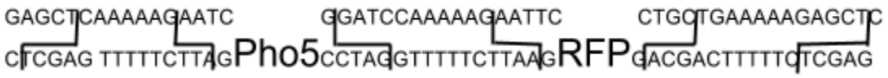

Figure 27: