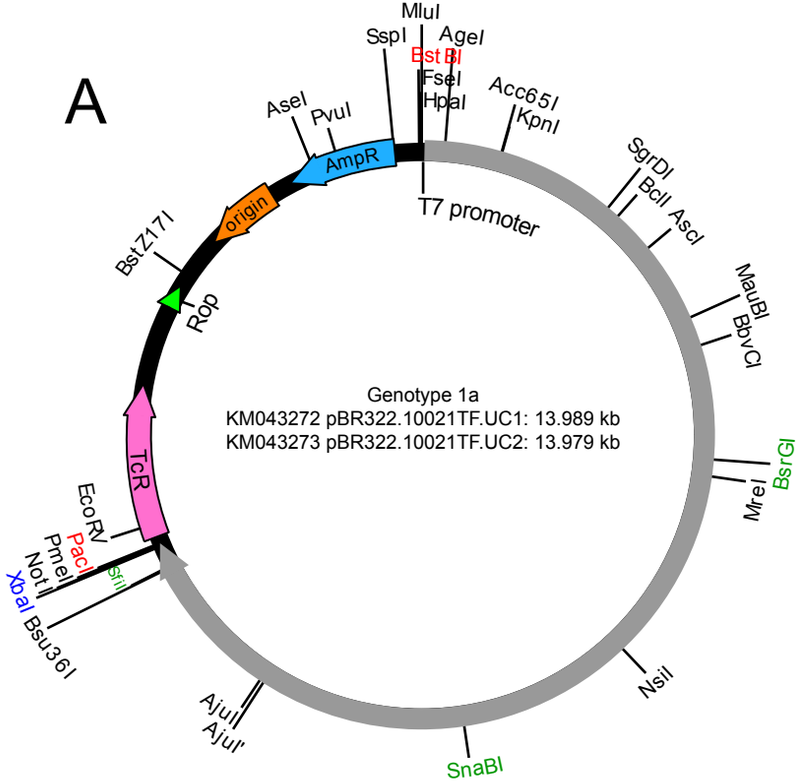
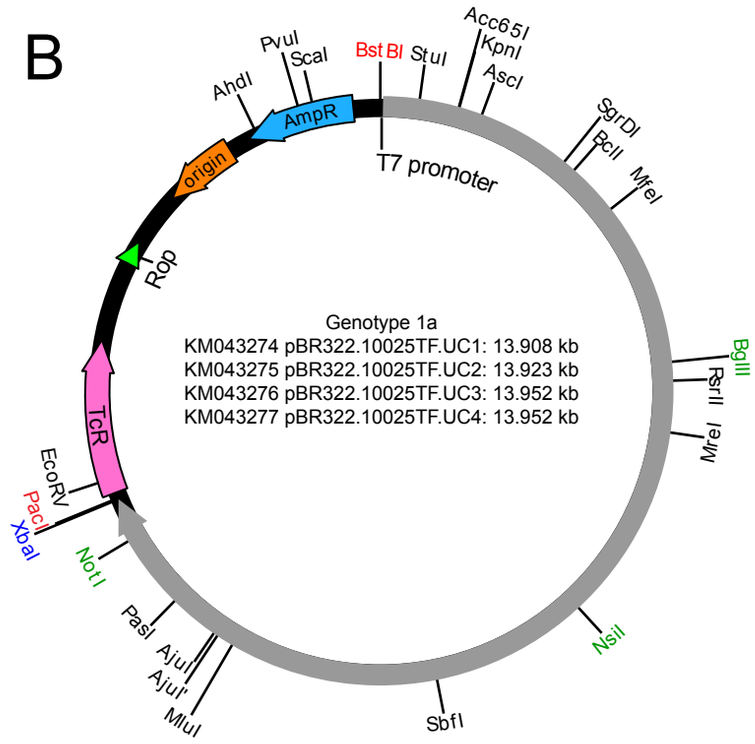
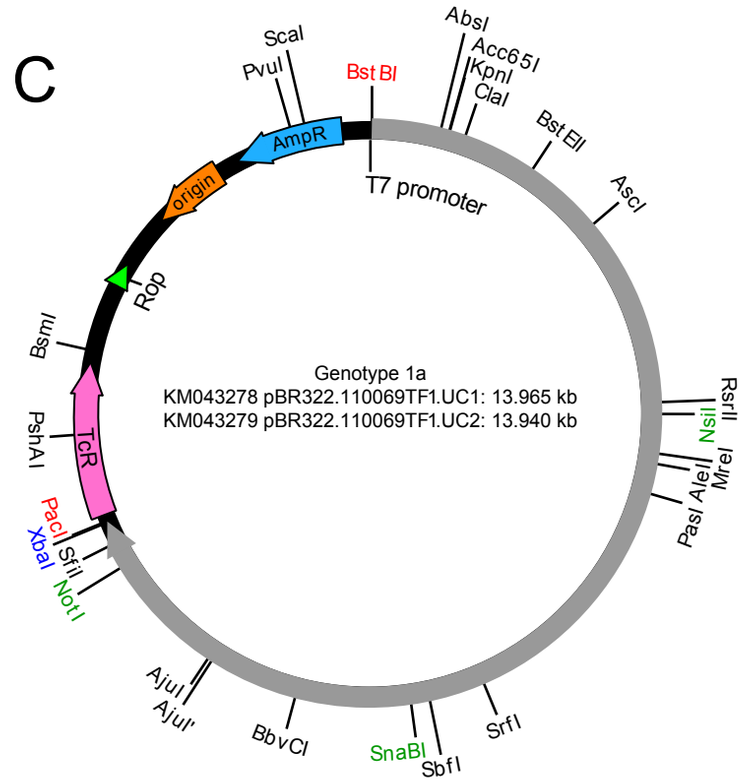
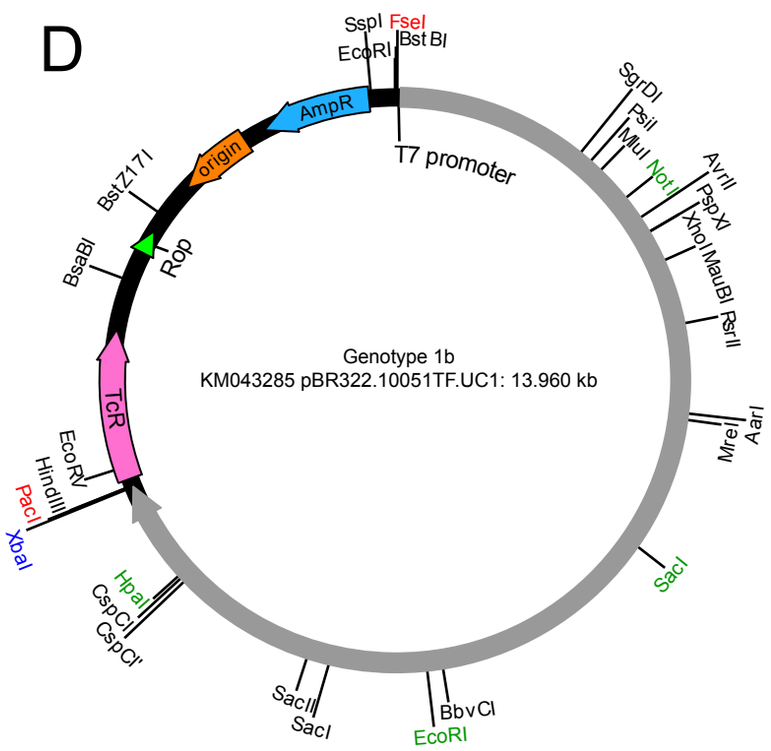
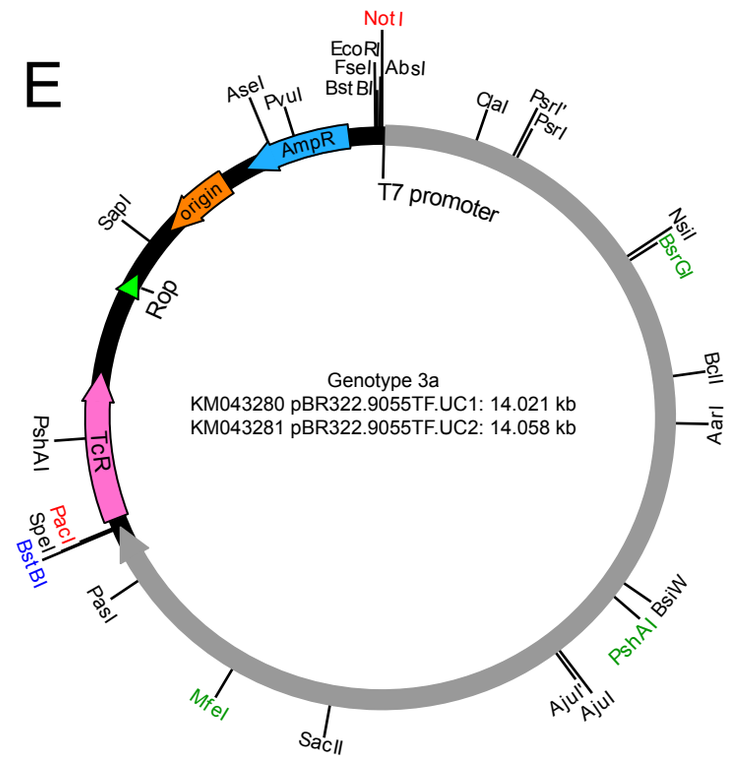
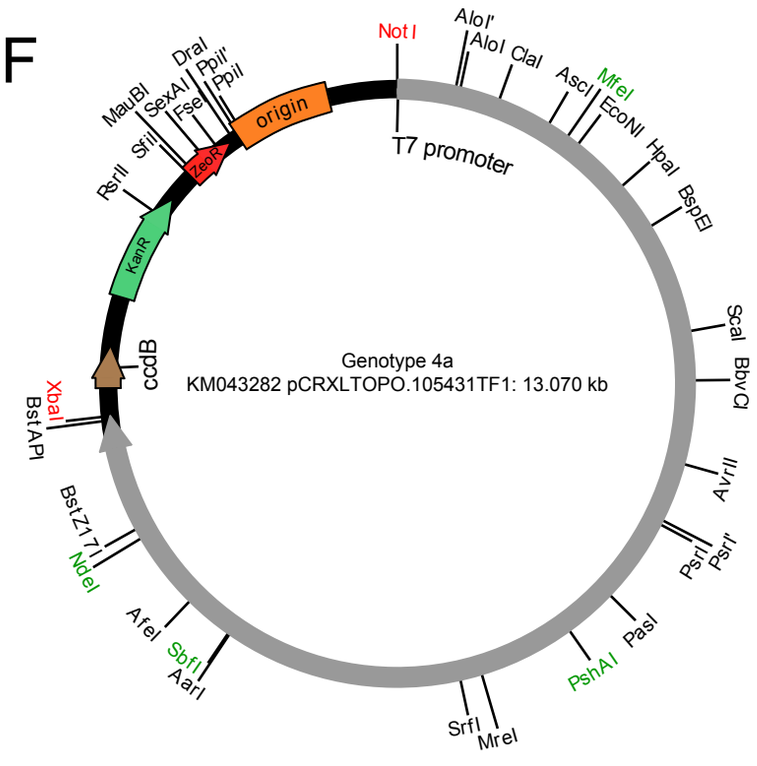

A
Genotype 1a
KM043272 pBR322.10021TF.UC1: 13.989 kb
KM043273 pBR322.10021TF.UC2: 13.979 kb
AmpR
origin
Rop
TcR
T7 promoter
MluI
SspI
AgeI
BstBI
FseI
HpaI
AseI
PvuI
Acc65I
KpnI
SgrDI
BclI
AscI
MauBI
BbvCI
BsrGI
MreI
NsiI
SnaBI
AjuI
AjuI'
Bsu36I
XbaI
NotI
PmeI
PacI
SfiI
EcoRV
BstZ17I

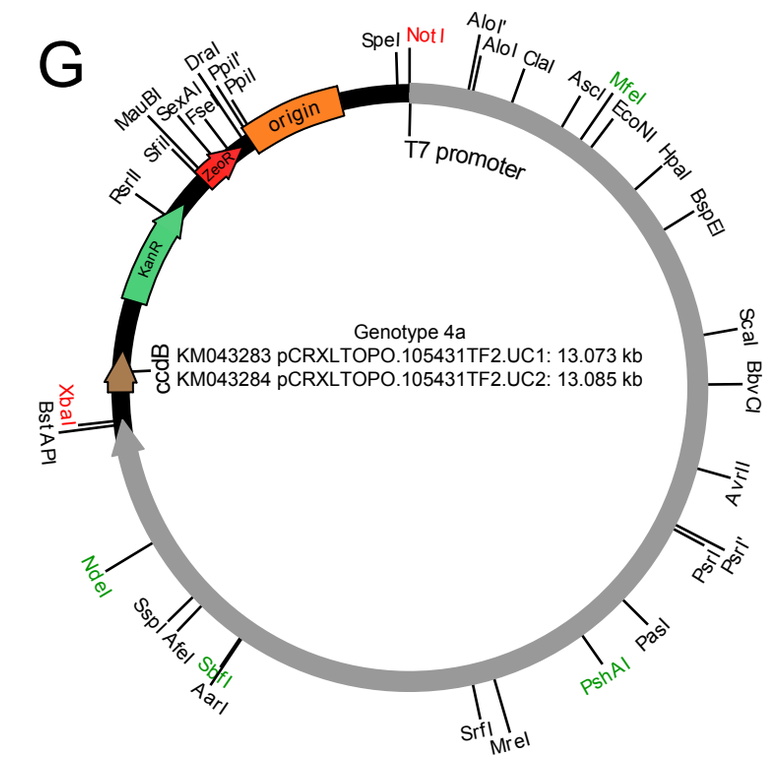

B
Genotype 1a
KM043274 pBR322.10025TF.UC1: 13.908 kb
KM043275 pBR322.10025TF.UC2: 13.923 kb
KM043276 pBR322.10025TF.UC3: 13.952 kb
KM043277 pBR322.10025TF.UC4: 13.952 kb
AmpR
origin
Rop
TcR
T7 promoter
AhdI
PvuI
ScaI
BstBI
StuI
Acc65I
KpnI
AscI
SgrDI
BclI
MfeI
BglII
RsrII
MreI
NsiI
SbfI
MluI
AjuI
AjuI'
PasI
NotI
XbaI
PacI
EcoRV

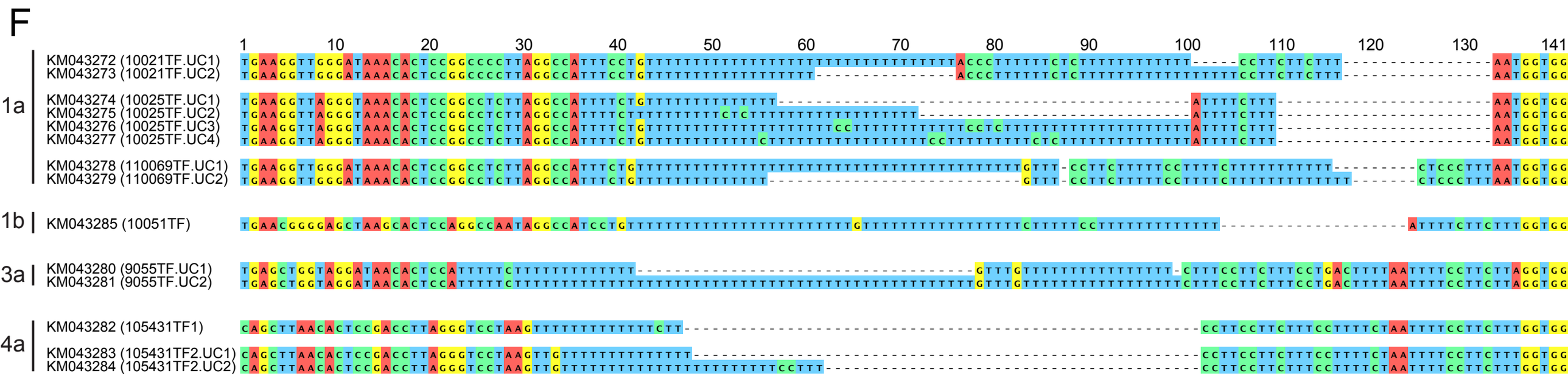

C
Genotype 1a
KM043278 pBR322.110069TF1.UC1: 13.965 kb
KM043279 pBR322.110069TF1.UC2: 13.940 kb
AmpR
origin
Rop
TcR
T7 promoter
ScaI
PvuI
BstBI
AbsI
Acc65I
KpnI
ClaI
BstEII
AscI
RsrII
NsiI
MreI
AleII
PasI
SrfI
SbfI
SnaBI
BbvCI
AjuI
AjuI'
NotI
SfiI
XbaI
PacI
PshAI
BsmI


D
Genotype 1b
KM043285 pBR322.10051TF.UC1: 13.960 kb
AmpR
origin
Rop
TcR
T7 promoter
SspI
FseI
EcoRI
BstBI
SgrDI
PsiI
MluI
NotI
AvrII
PspXI
XhoI
MauBI
RsrII
MreI
AarI
SacI
BbvCI
EcoRI
SacII
CspCI
CspCI'
HpaI
XbaI
PacI
HindIII
EcoRV
BsaBI
BstZ17I


E
Genotype 3a
KM043280 pBR322.9055TF.UC1: 14.021 kb
KM043281 pBR322.9055TF.UC2: 14.058 kb
AmpR
origin
Rop
TcR
T7 promoter
NotI
EcoRI
FseI
BstBI
AbsI
AseI
PvuI
ClaI
PsrI'
PsrI
NsiI
BsrGI
BclI
AarI
BsiW
PshAI
AjuI
AjuI
SacII
MfeI
PasI
SpeI
PacI
PshAI
SapI


F
Genotype 4a
KM043282 pCRXLTOPO.105431TF1: 13.070 kb
origin
ZeoR
KanR
ccdB
T7 promoter
NotI
AloI'
AloI
ClaI
AscI
MfeI
EcoNI
HpaI
BspEI
ScaI
BbvCI
AvrII
PsrI
PsrI'
PasI
PshAI
SrfI
MreI
AarI
SbfI
AfeI
NdeI
BstZ17I
BstAPI
XbaI
PacI
SfiI
RsrII
MauBI
SexAI
FseI
DraI
PpiI'
PpiI


G
Genotype 4a
KM043283 pCRXLTOPO.105431TF2.UC1: 13.073 kb
KM043284 pCRXLTOPO.105431TF2.UC2: 13.085 kb
origin
ZeoR
KanR
ccdB
T7 promoter
SpeI
NotI
AloI'
AloI
ClaI
AscI
MfeI
EcoNI
HpaI
BspEI
ScaI
BbvCI
AvrII
PsrI
PsrI'
PasI
PshAI
SrfI
MreI
AarI
SrfI
AfeI
SspI
NdeI
BstAPI
XbaI
SfiI
RsrII
MauBI
SexAI
FseI
DraI
PpiI'
PpiI


F
1a
KM043272 (10021TF.UC1)
KM043273 (10021TF.UC2)
KM043274 (10025TF.UC1)
KM043275 (10025TF.UC2)
KM043276 (10025TF.UC3)
KM043277 (10025TF.UC4)
KM043278 (110069TF.UC1)
KM043279 (110069TF.UC2)
1b
KM043285 (10051TF)
3a
KM043280 (9055TF.UC1)
KM043281 (9055TF.UC2)
4a
KM043282 (105431TF1)
KM043283 (105431TF2.UC1)
KM043284 (105431TF2.UC2)