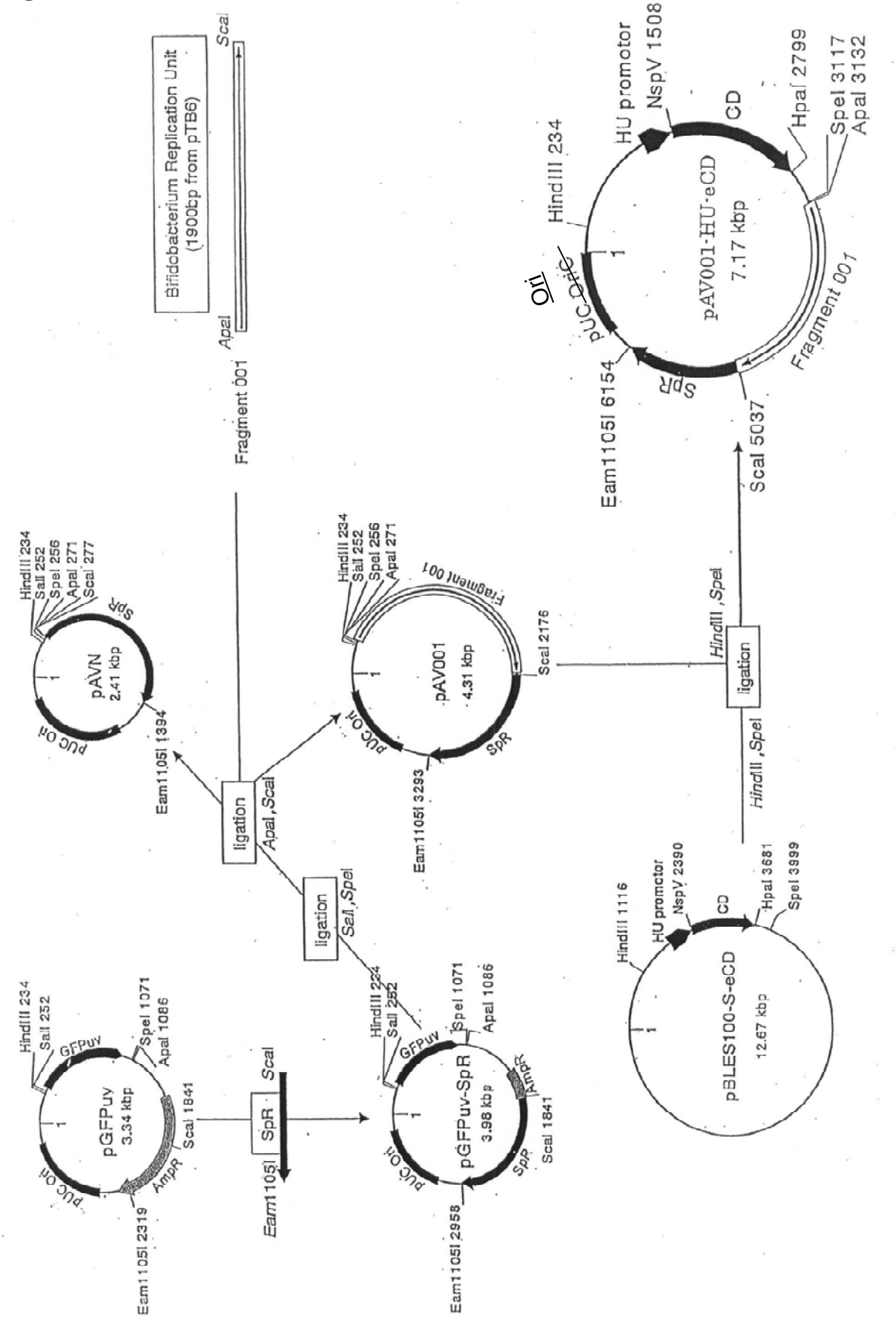
Fig. 5


Bifidobacterium Replication Unit
(1900bp from pTB6)
ScaI
ApaI
Fragment 001
pAVN
2.41 kbp
HindIII 234
SalI 252
SpeI 256
ApaI 271
ScaI 277
SpR
PUC Ori
Eam1105I 1394
ligation
ApaI ,ScaI
pAV001
4.31 kbp
Fragment 001
ScaI 2176
Eam1105I 3293
pAV001-HU-eCD
7.17 kbp
HU promotor
NspV 1508
CD
HpaI 2799
SpeI 3117
ApaI 3132
Fragment 001
ori
PUC Ori
HindIII 234
Eam1105I 6154
SpR
ScaI 5037
HindIII ,SpeI
ligation
HindIII ,SpeI
pBLES100-S-eCD
12.67 kbp
HindIII 1116
HU promotor
NspV 2390
CD
HpaI 3681
SpeI 3999
pGFPuv
3.34 kbp
HindIII 234
SalI 252
GFPuv
SpeI 1071
ApaI 1086
ScaI 1841
AmpR
PUC Ori
Eam1105I 2319
SpR
ScaI
Eam1105I
ligation
SalI ,SpeI
pGFPuv-SpR
3.98 kbp
HindIII 234
SalI 252
GFPuv
SpeI 1071
ApaI 1086
AmpR
ScaI 1841
PUC Ori
Eam1105I 2958