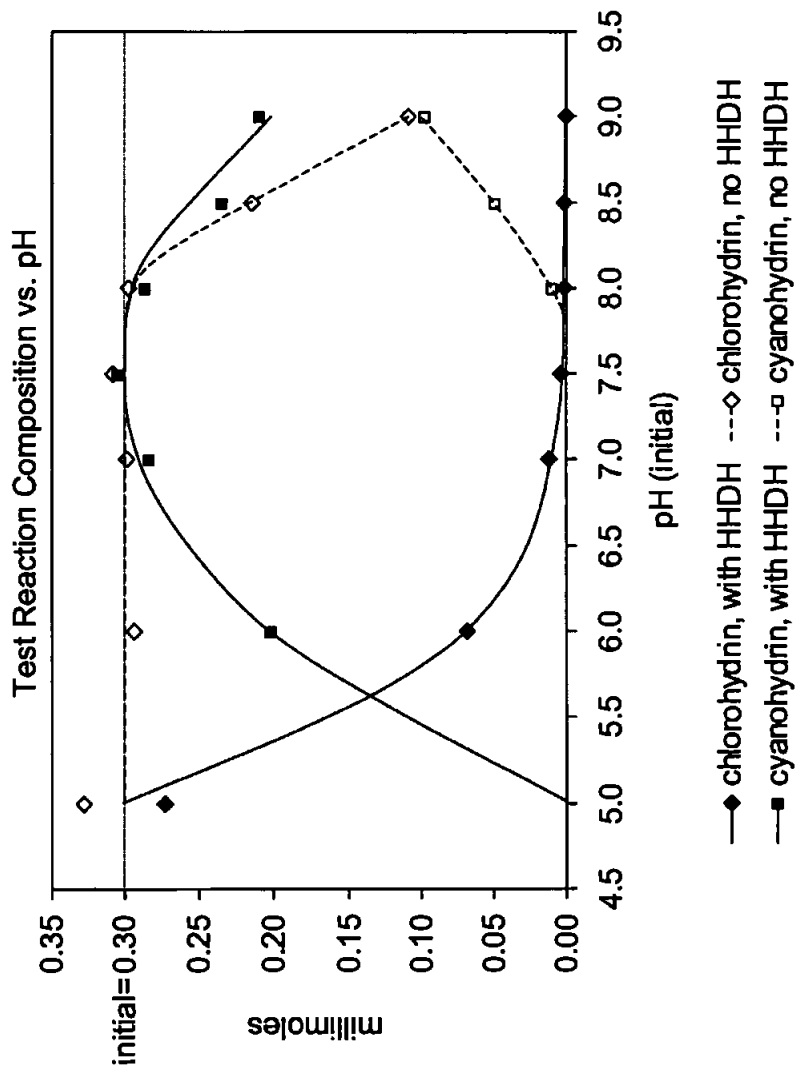

Test Reaction Composition vs. pH
millimoles
initial=0.30
0.35
0.25
0.20
0.15
0.10
0.05
0.00
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
8.5
9.0
9.5
pH (initial)
chlorohydrin, with HHDH
chlorohydrin, no HHDH
cyanohydrin, with HHDH
cyanohydrin, no HHDH

FIGURE 1

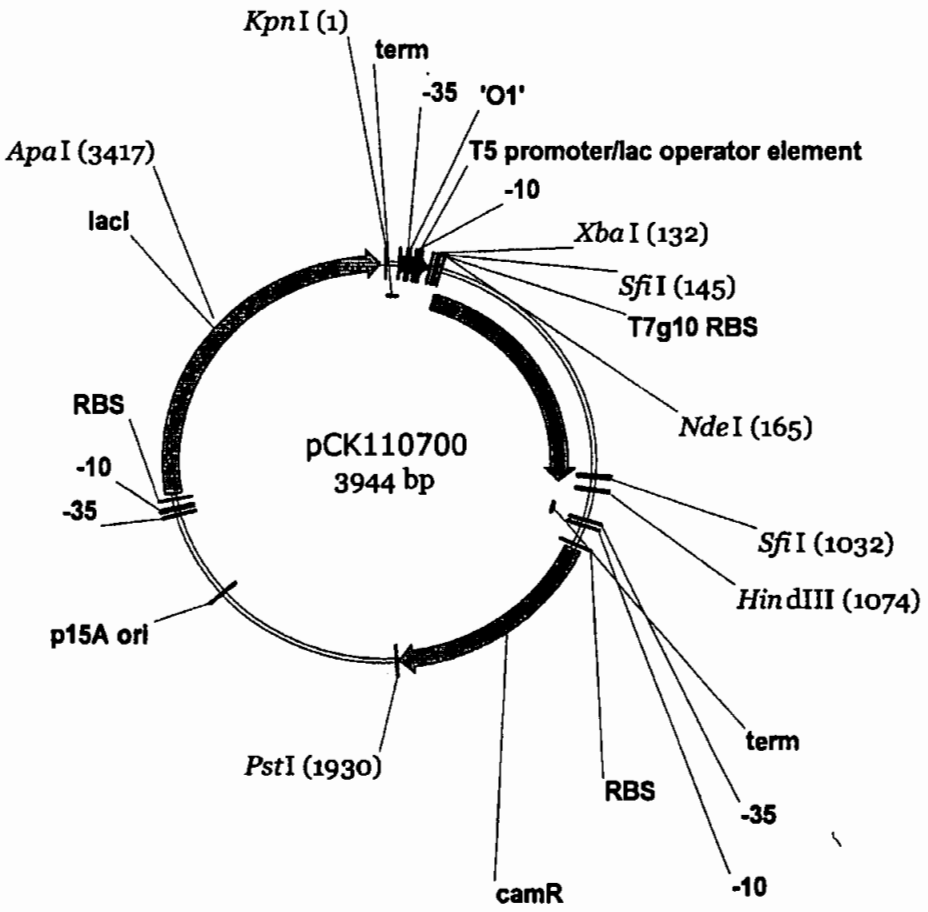

KpnI (1)
term
-35
'O1'
T5 promoter/lac operator element
-10
ApaI (3417)
lacI
XbaI (132)
SfiI (145)
T7g10 RBS
NdeI (165)
RBS
-10
-35
pCK110700
3944 bp
SfiI (1032)
HindIII (1074)
p15A ori
term
PstI (1930)
RBS
-35
-10
camR

FIGURE 2

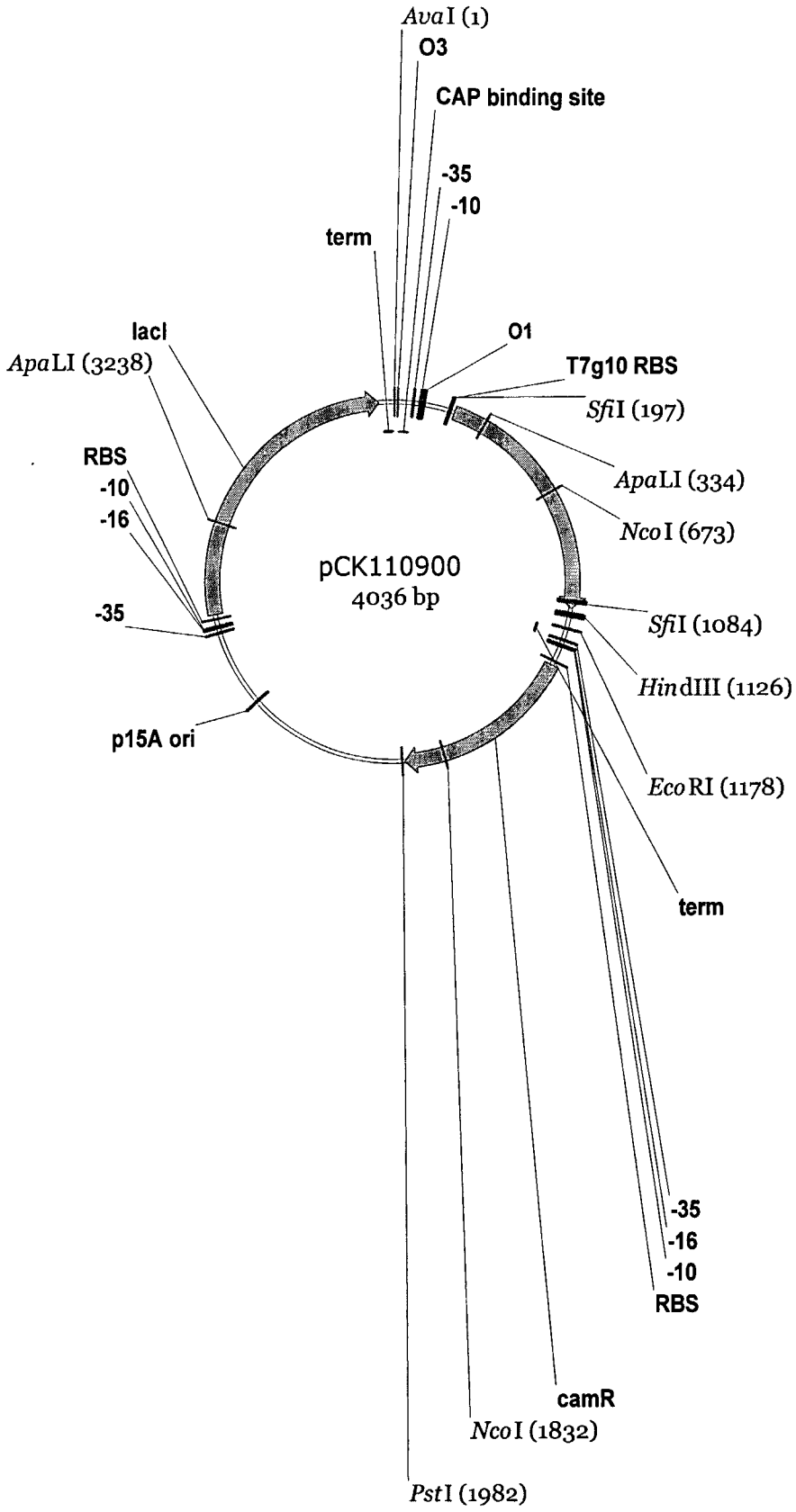

AvaI (1)
O3
CAP binding site
-35
-10
term
lacI
ApaLI (3238)
O1
T7g10 RBS
SfiI (197)
ApaLI (334)
NcoI (673)
RBS
-10
-16
-35
pCK110900
4036 bp
SfiI (1084)
HindIII (1126)
EcoRI (1178)
p15A ori
term
-35
-16
-10
RBS
camR
NcoI (1832)
PstI (1982)

FIGURE 3