FIG. 1

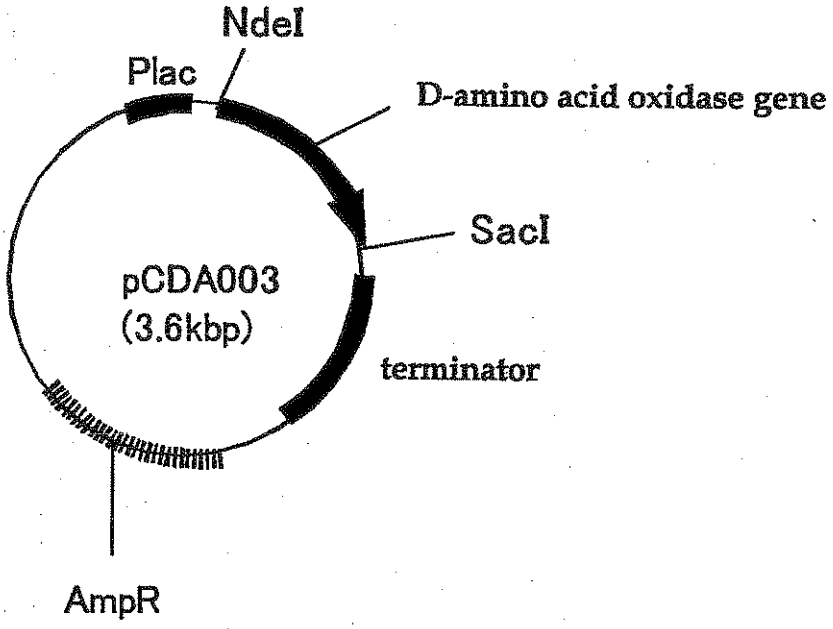

NdeI
Plac
D-amino acid oxidase gene
SacI
pCDA003
(3.6kbp)
terminator
AmpR

FIG. 2

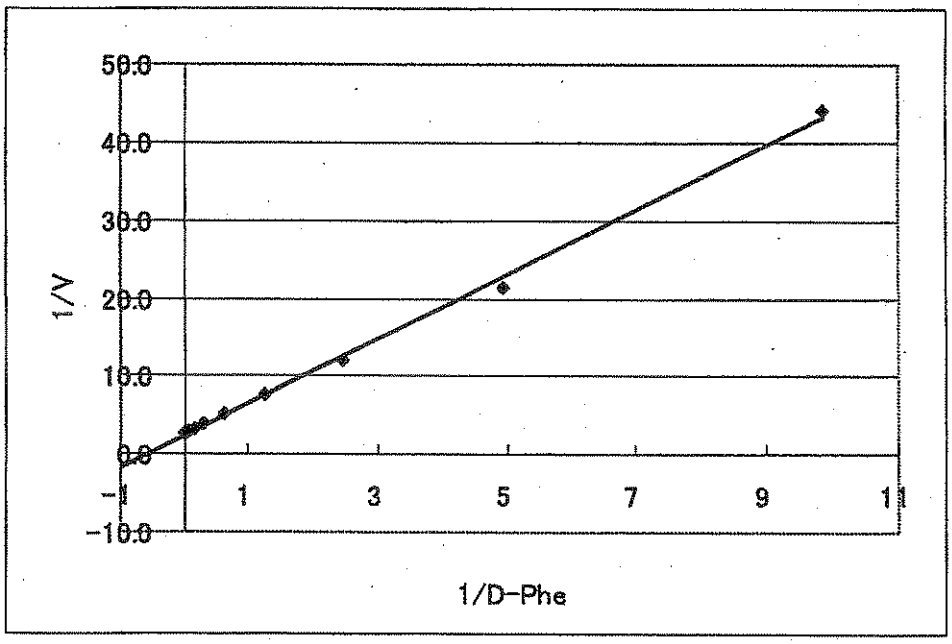

50.0
40.0
30.0
20.0
10.0
0.0
-10.0
1/V
-1
1
3
5
7
9
11
1/D-Phe

FIG. 3

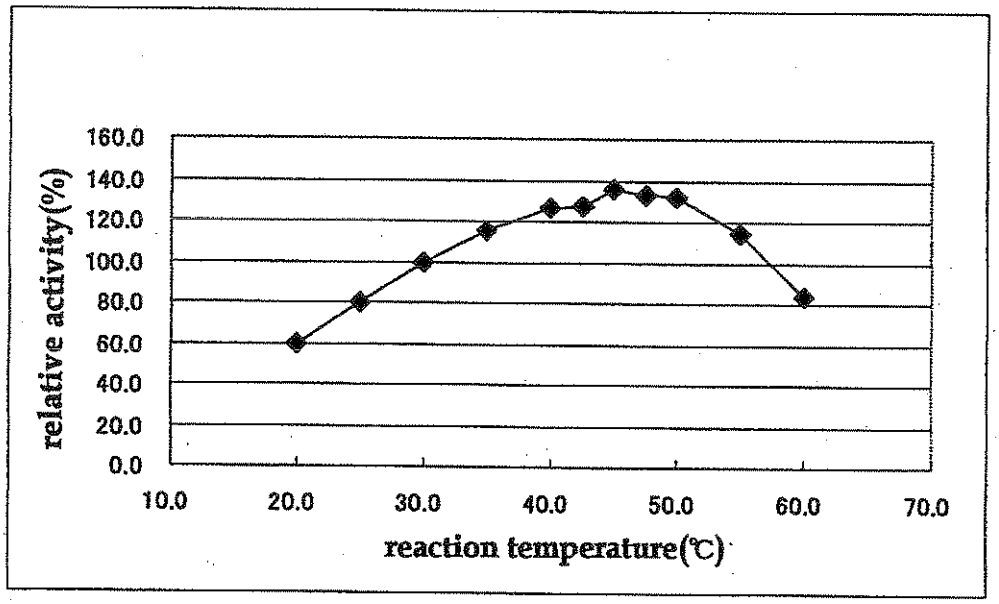

160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
relative activity(%)
10.0
20.0
30.0
40.0
50.0
60.0
70.0
reaction temperature(℃)

FIG. 4

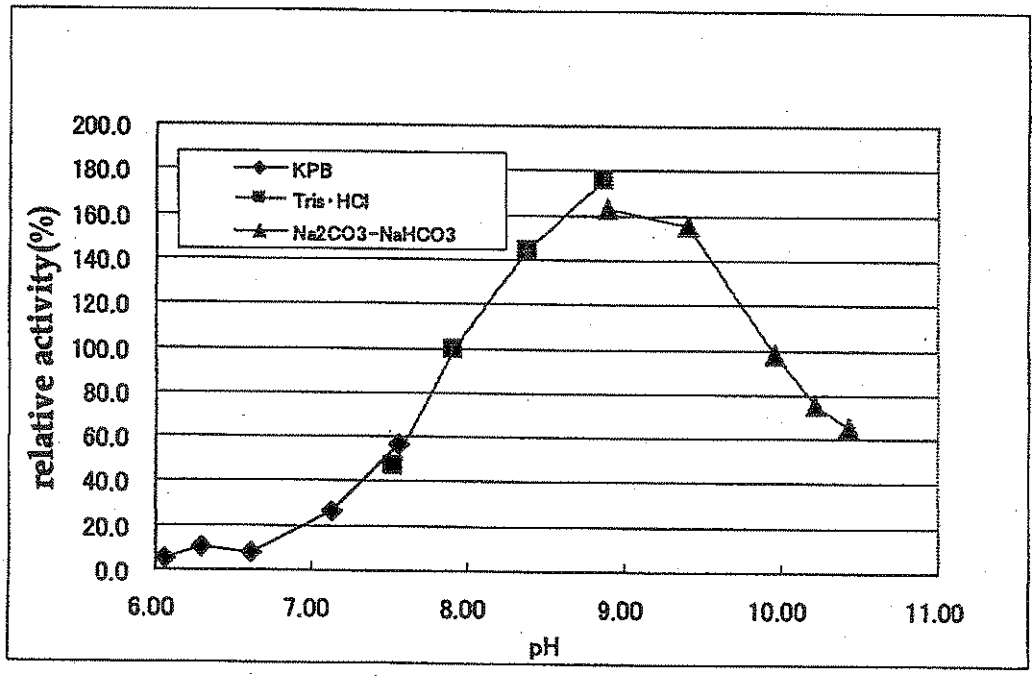

200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
relative activity(%)
KPB
Tris·HCl
Na2CO3-NaHCO3
6.00
7.00
8.00
9.00
10.00
11.00
pH

FIG. 5

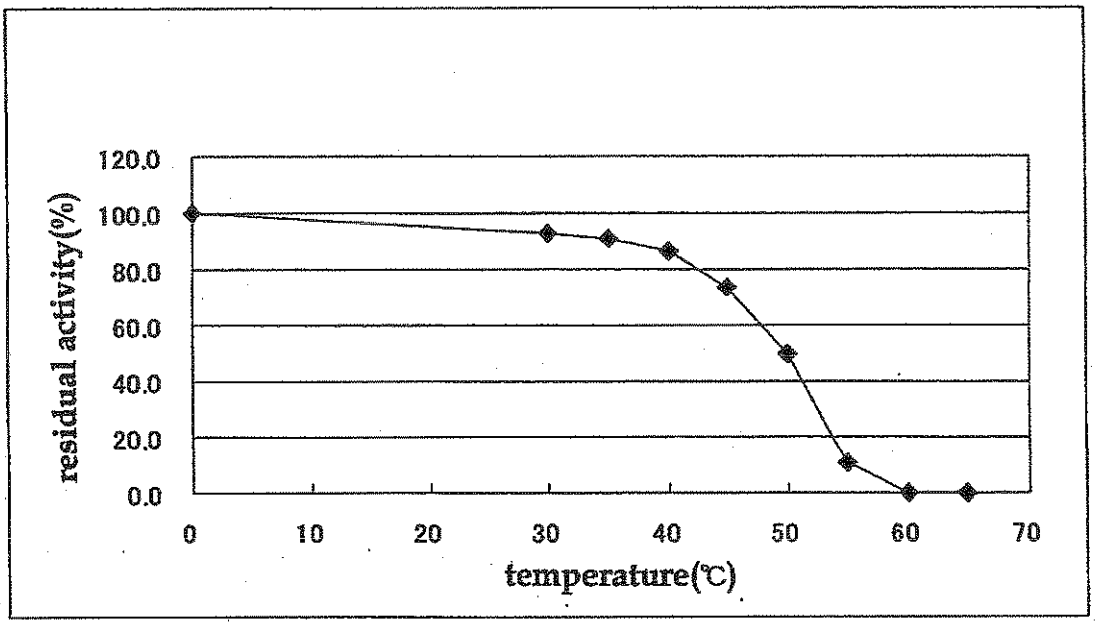

120.0
100.0
80.0
60.0
40.0
20.0
0.0
residual activity(%)
0
10
20
30
40
50
60
70
temperature(℃)

FIG. 6

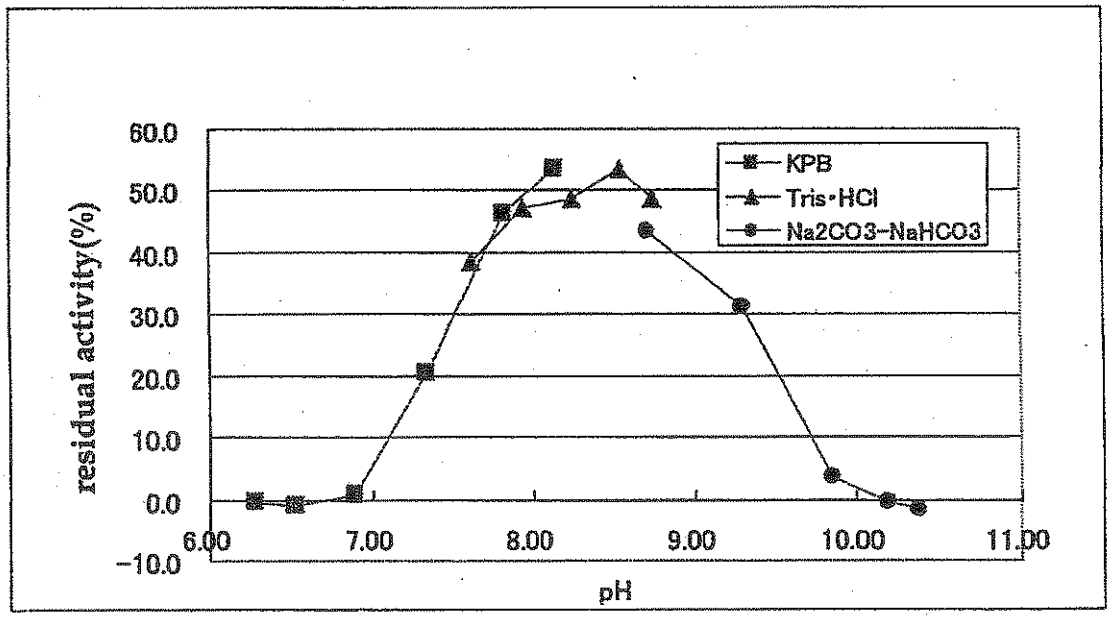

60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
residual activity(%)
6.00
7.00
8.00
9.00
10.00
11.00
pH
KPB
Tris-HCl
Na2CO3-NaHCO3

FIG. 7

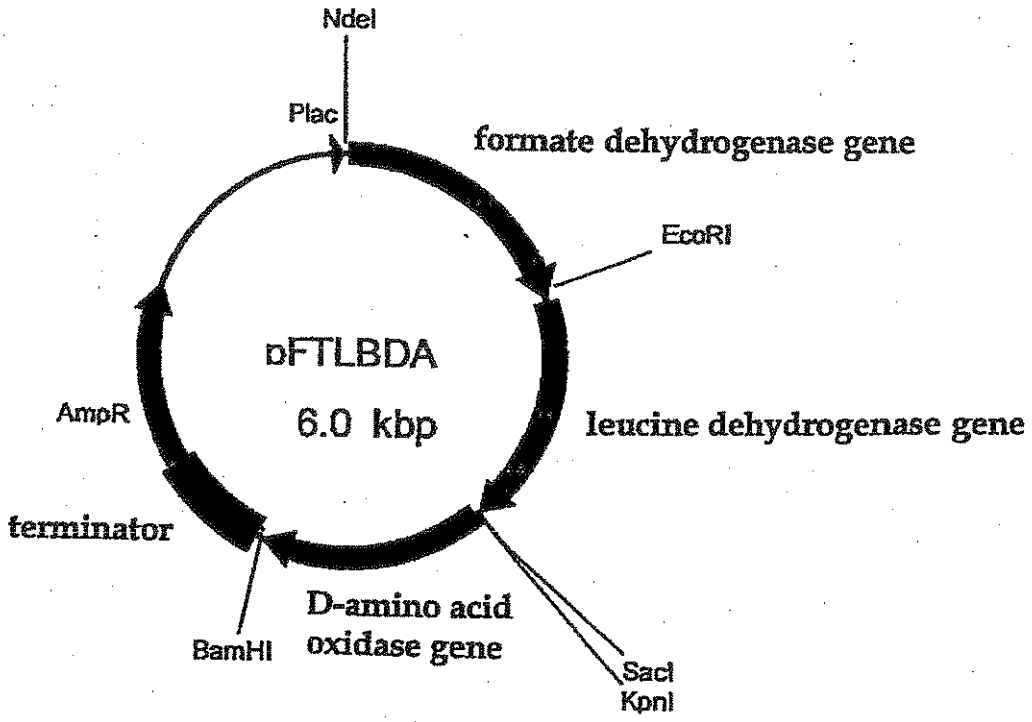

NdeI
Plac
formate dehydrogenase gene
EcoRI
pFTLBDA
6.0 kbp
AmpR
leucine dehydrogenase gene
terminator
D-amino acid
oxidase gene
BamHI
SacI
KpnI

FIG. 8

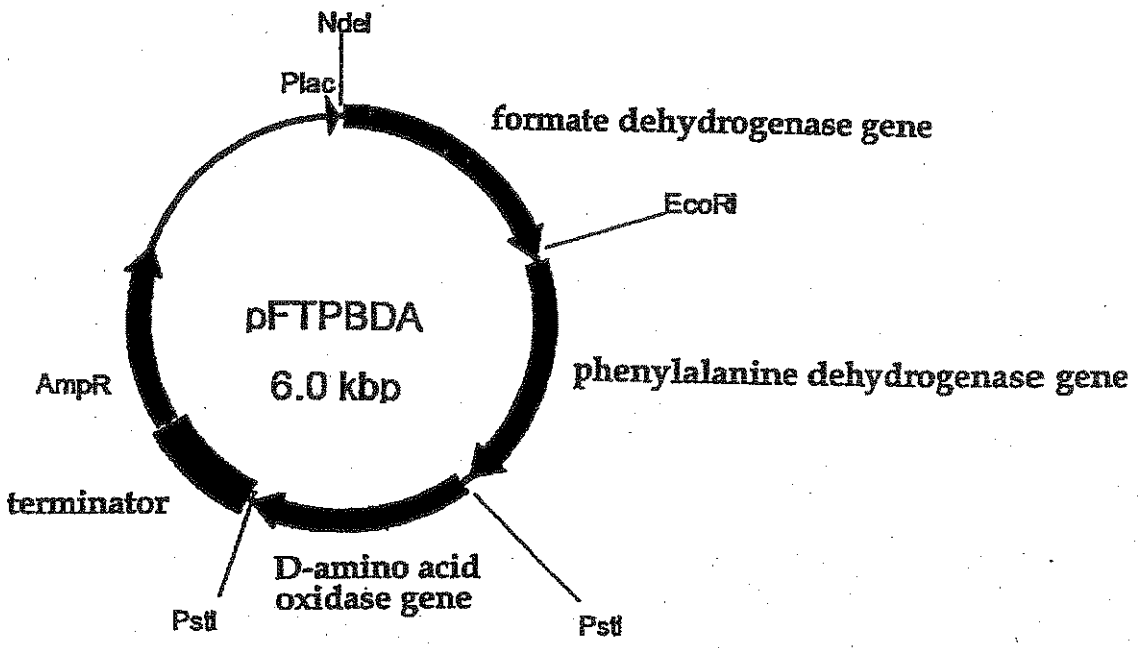

NdeI
Plac
formate dehydrogenase gene
EcoRI
pFTPBDA
6.0 kbp
AmpR
phenylalanine dehydrogenase gene
terminator
D-amino acid
oxidase gene
PstI
PstI

FIG. 9

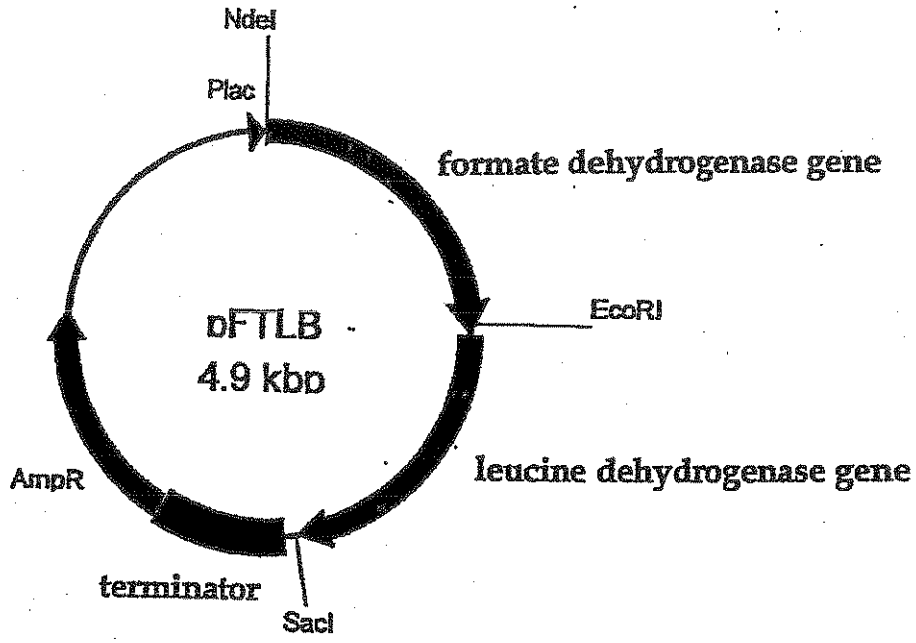


FIG. 10

[図10]

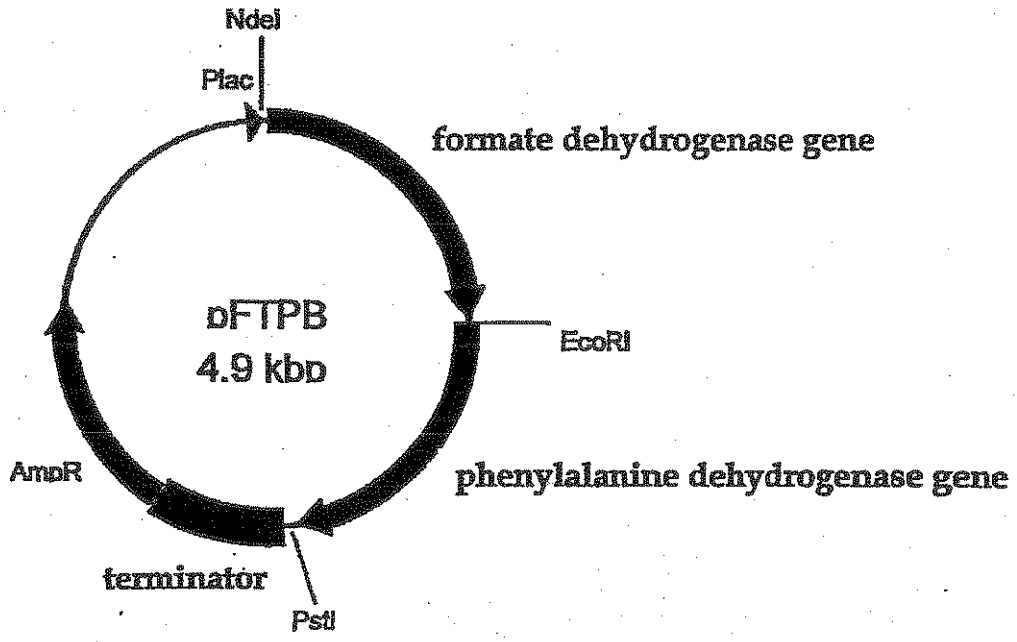


FIG. 11

