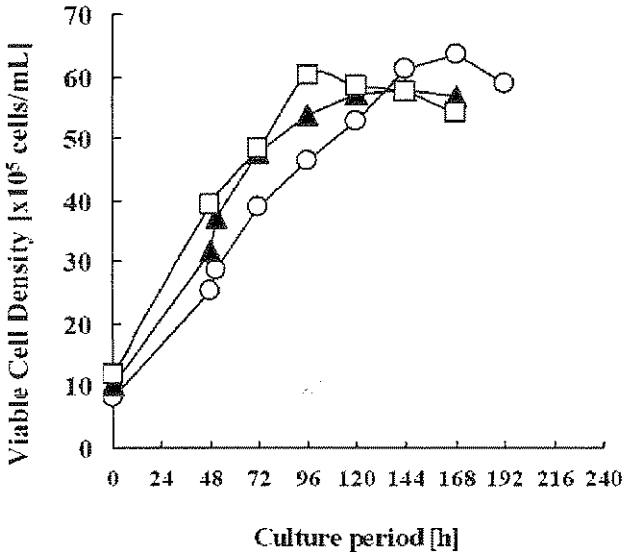
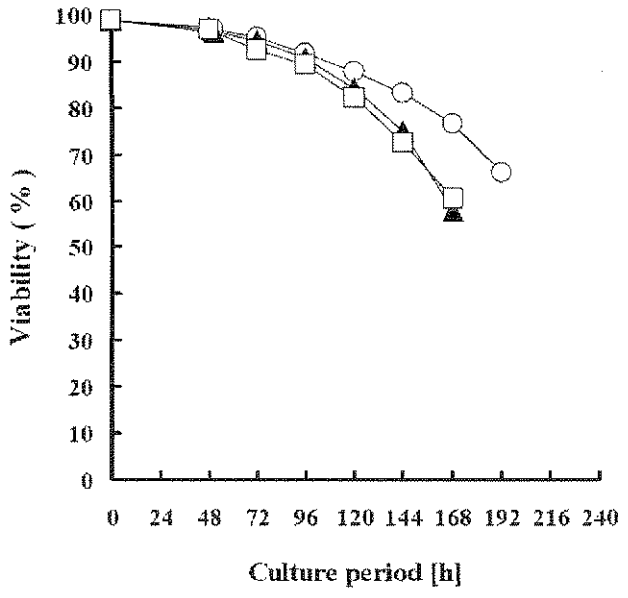
Fig. 1


Viable Cell Density [x10^5 cells/mL]
70
60
50
40
30
20
10
0
0 24 48 72 96 120 144 168 192 216 240
Culture period [h]

(a)


Viability (%)
100
90
80
70
60
50
40
30
20
10
0
0 24 48 72 96 120 144 168 192 216 240
Culture period [h]

(b)

Fig. 2

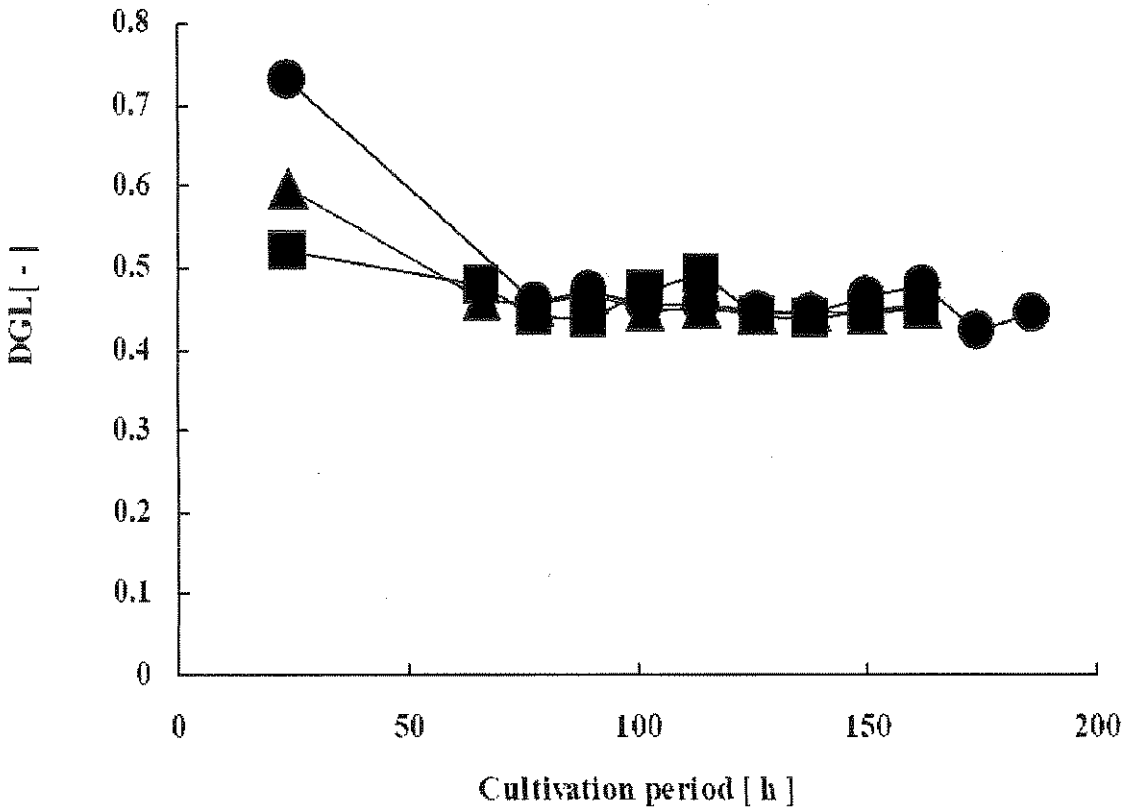

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
DGL [-]
0
50
100
150
200
Cultivation period [h]

Fig. 3

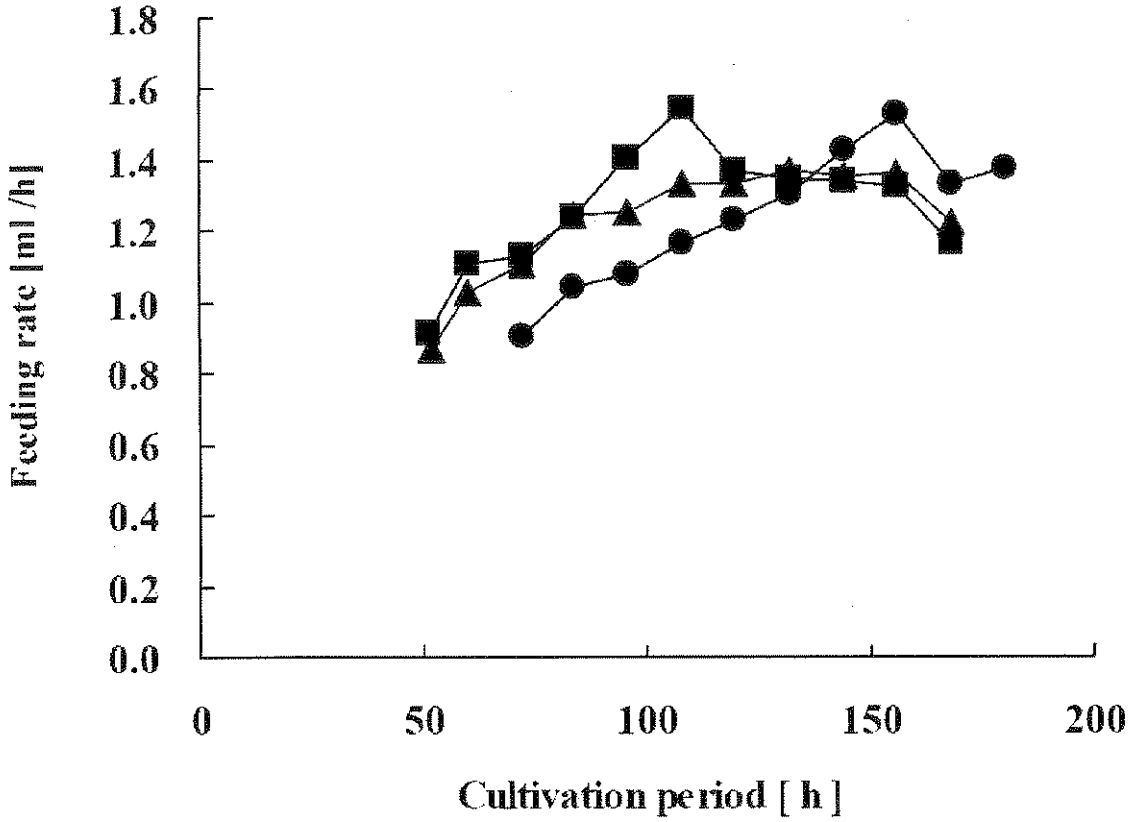

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Feeding rate [ml /h]
0
50
100
150
200
Cultivation period [h]

Fig. 4

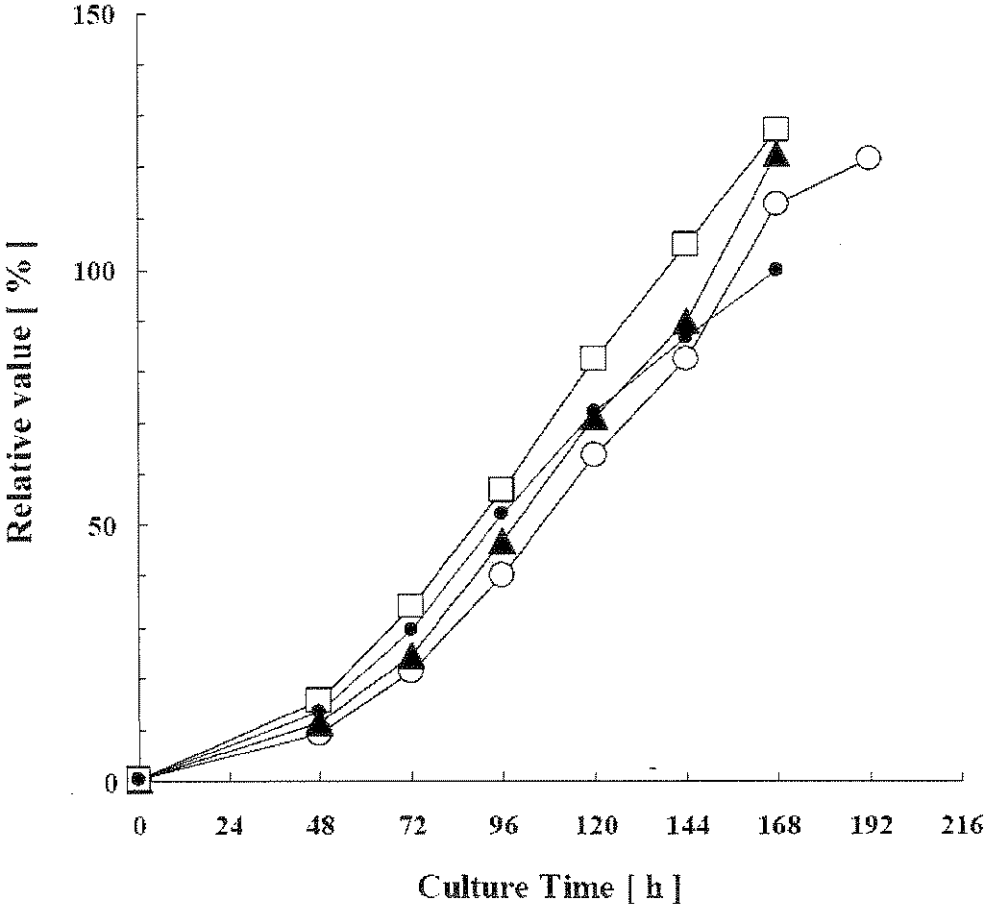

150
100
50
0
Relative value [%]
0
24
48
72
96
120
144
168
192
216
Culture Time [h]

Fig. 5

