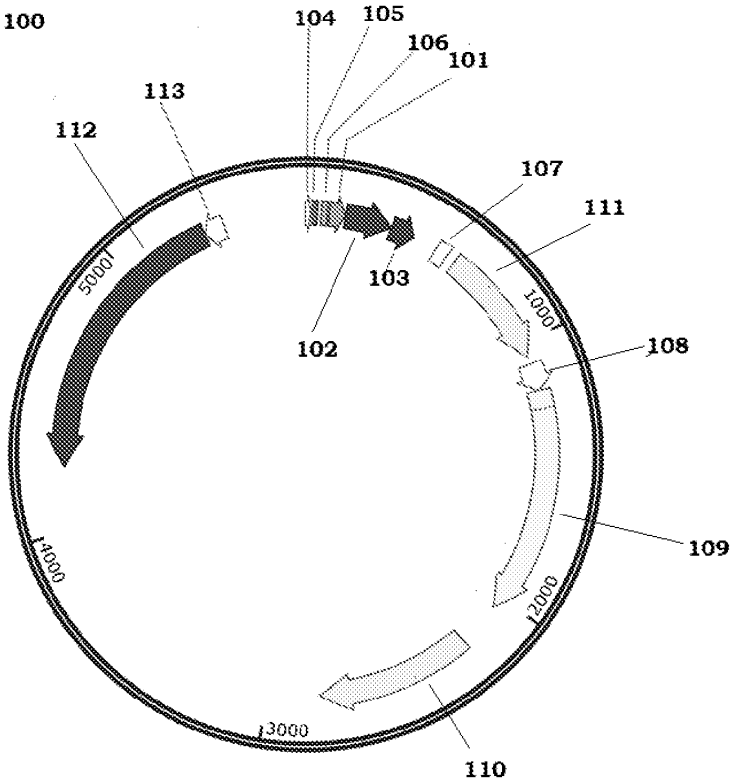

100
104
105
106
101
113
112
107
111
103
102
108
109
110
5000
1000
4000
2000
3000

Figure 1

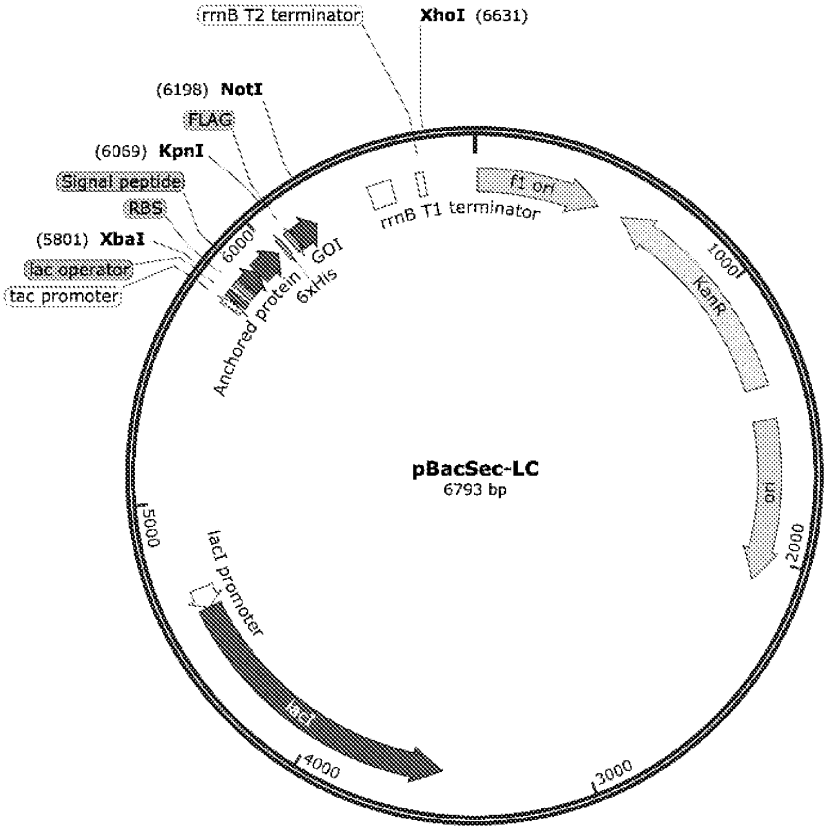

rrnB T2 terminator
XhoI (6631)
(6198) NotI
FLAG
(6069) KpnI
Signal peptide
RBS
(5801) XbaI
lac operator
tac promoter
6000
GOI
6xHis
Anchored protein
rrnB T1 terminator
f1 ori
1000
KanR
ori
2000
pBacSec-LC
6793 bp
5000
lacI promoter
lacI
4000
3000

Figure 2

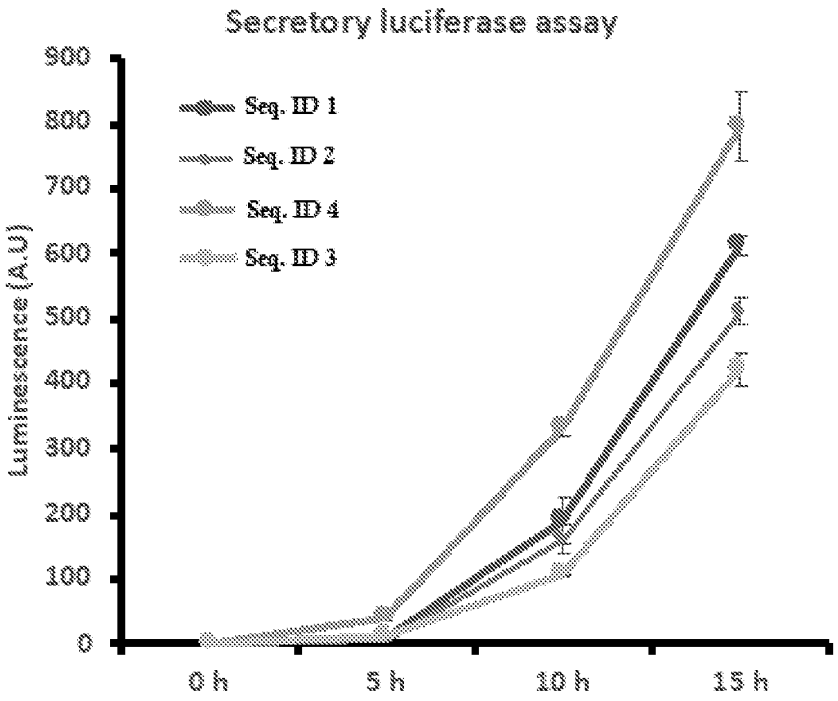

Secretory luciferase assay
Luminescence (A.U)
900
800
700
600
500
400
300
200
100
0
Seq. ID 1
Seq. ID 2
Seq. ID 4
Seq. ID 3
0 h
5 h
10 h
15 h

Figure 3

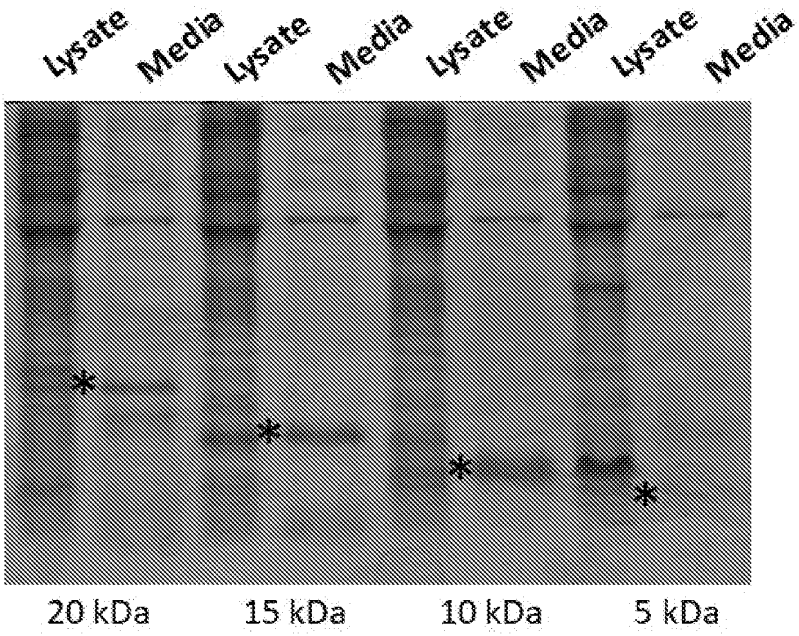

Lysate
Media
Lysate
Media
Lysate
Media
Lysate
Media
20 kDa
15 kDa
10 kDa
5 kDa

Figure 4

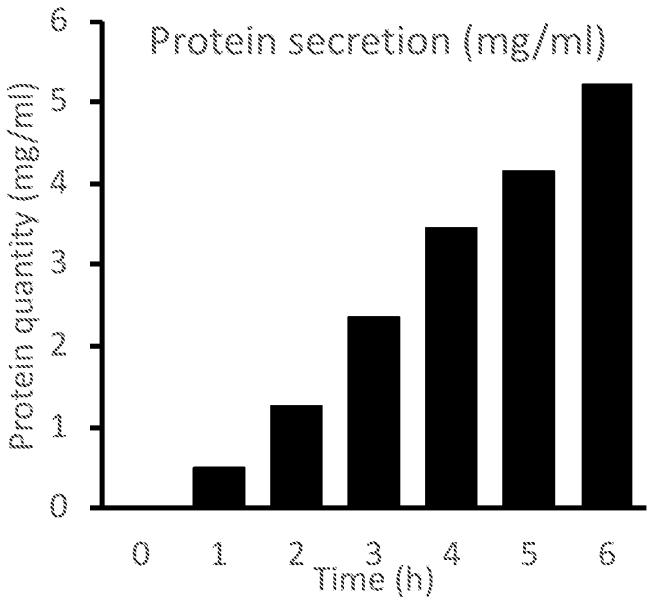

Protein secretion (mg/ml)
Protein quantity (mg/ml)
0
1
2
3
4
5
6
Time (h)

Figure 5

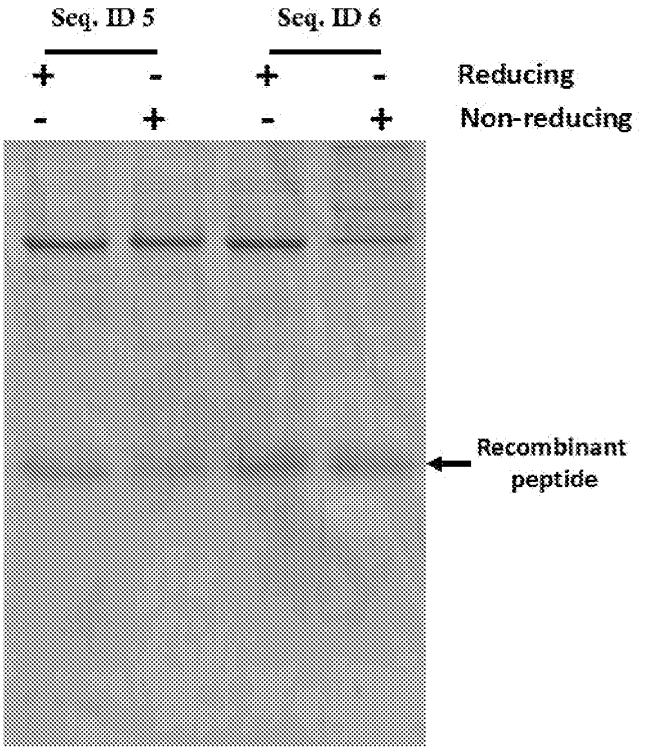


Figure 6