Fig.1(a).

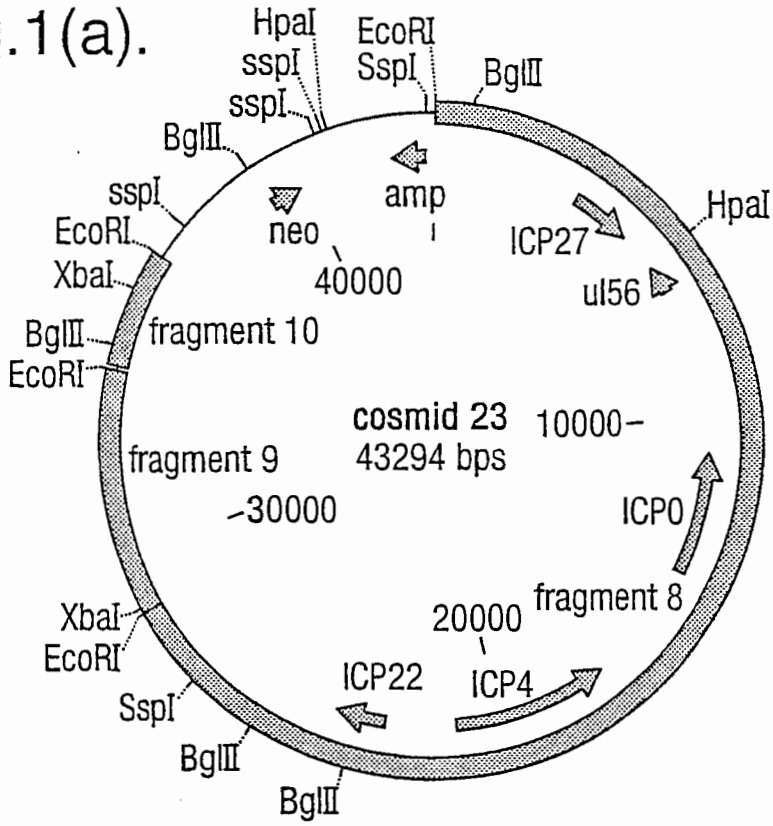

HpaI
EcoRI
SspI
sspI
sspI
BglII
BglII
sspI
EcoRI
XbaI
BglII
EcoRI
amp
neo
40000
ICP27
HpaI
ul56
fragment 10
cosmid 23
43294 bps
10000
fragment 9
30000
ICP0
fragment 8
20000
XbaI
EcoRI
SspI
BglII
BglII
ICP22
ICP4

Fig.1(b).

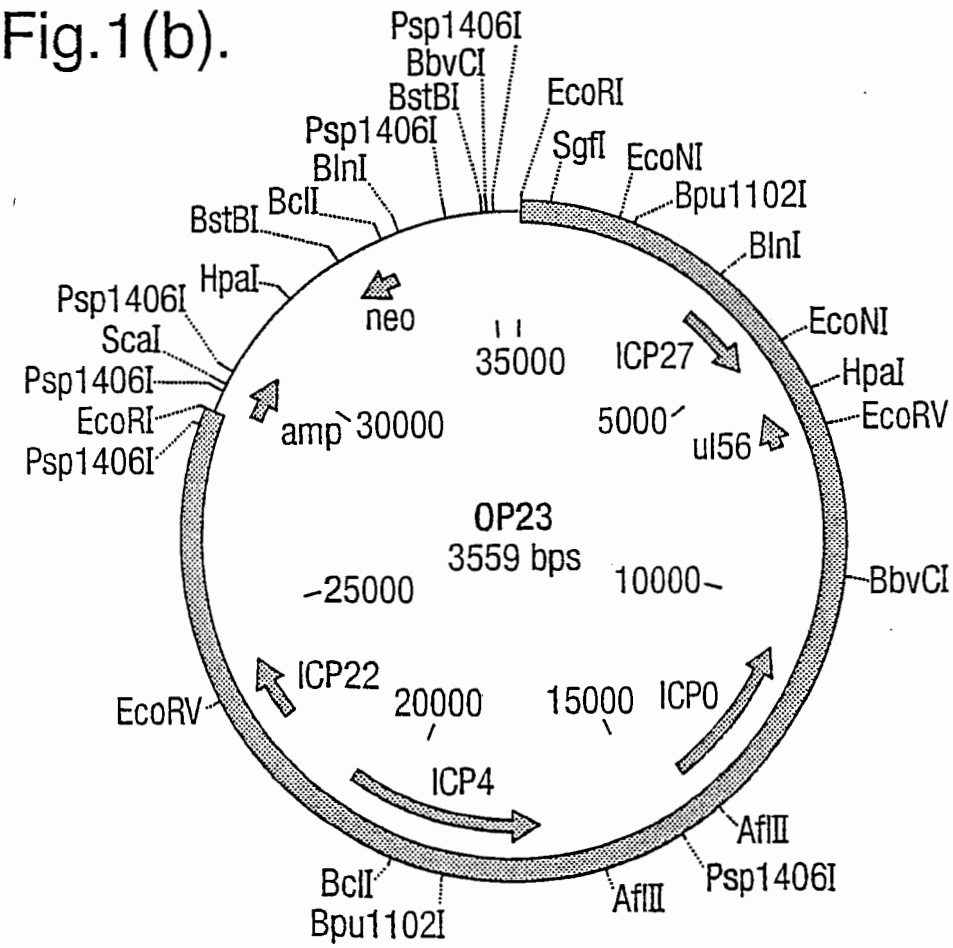

Psp1406I
BbvCI
BstBI
EcoRI
Psp1406I
BlnI
SgfI
EcoNI
Bpu1102I
BstBI
BclI
BlnI
HpaI
Psp1406I
neo
35000
ICP27
EcoNI
ScaI
HpaI
Psp1406I
EcoRI
amp
30000
5000
ul56
EcoRV
Psp1406I
OP23
3559 bps
25000
10000
BbvCI
ICP22
EcoRV
20000
15000
ICP0
ICP4
AflII
Psp1406I
BclI
Bpu1102I
AflII

Fig.1(c).

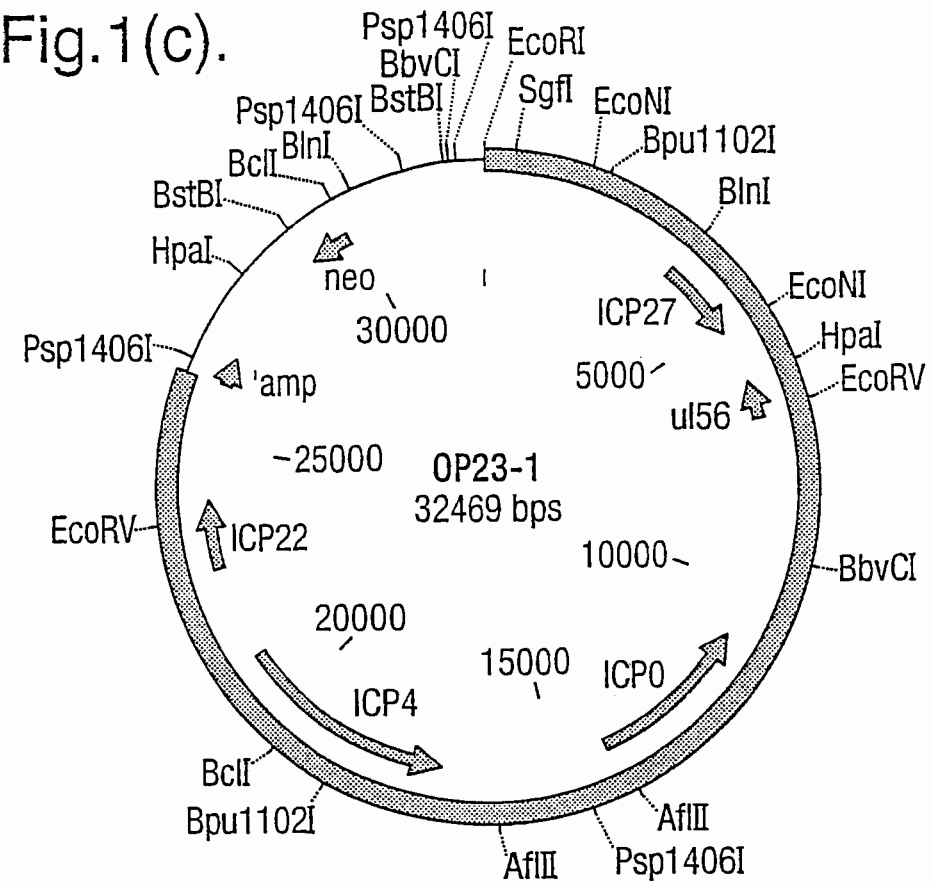

Psp1406I
EcoRI
BbvCI
BstBI
SgfI
EcoNI
Psp1406I
Bpu1102I
BlnI
BclI
BlnI
BstBI
HpaI
neo
30000
ICP27
EcoNI
HpaI
Psp1406I
'amp
5000
EcoRV
ul56
-25000
OP23-1
32469 bps
EcoRV
ICP22
10000
BbvCI
20000
15000
ICP0
ICP4
BclI
Bpu1102I
AflII
AflII
Psp1406I

Fig.1(d).

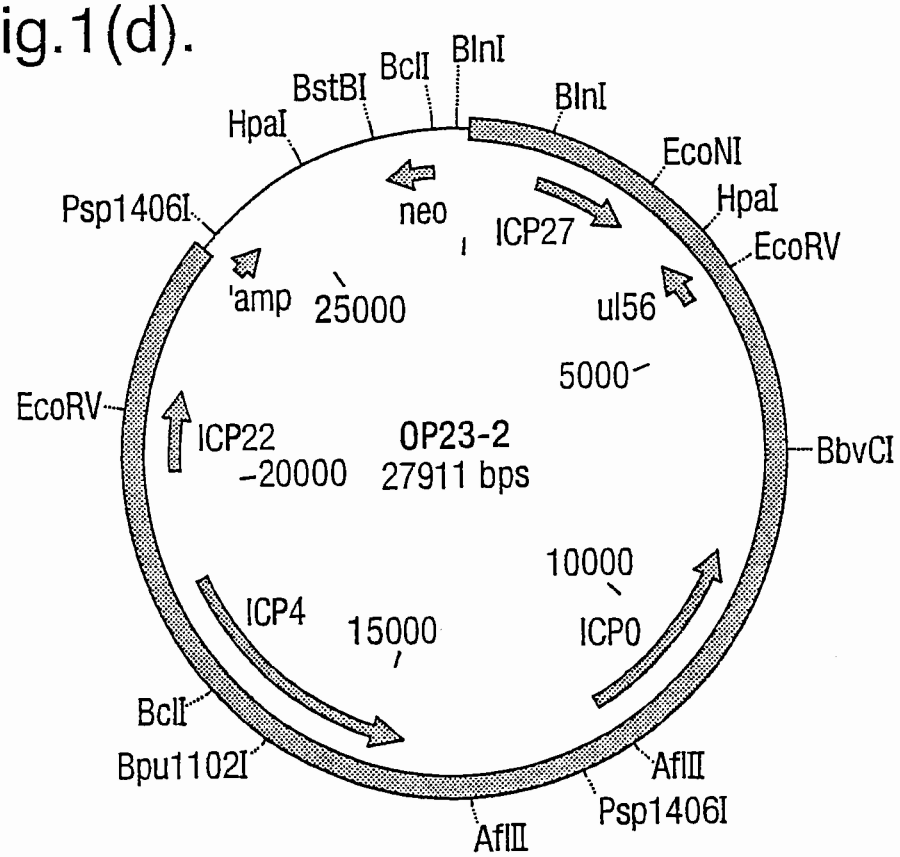

BclI
BlnI
BstBI
BlnI
HpaI
EcoNI
Psp1406I
neo
ICP27
HpaI
EcoRV
'amp
25000
ul56
5000
EcoRV
ICP22
OP23-2
BbvCI
-20000
27911 bps
10000
ICP4
15000
ICP0
BclI
Bpu1102I
AflII
Psp1406I
AflII

Fig.1(e).

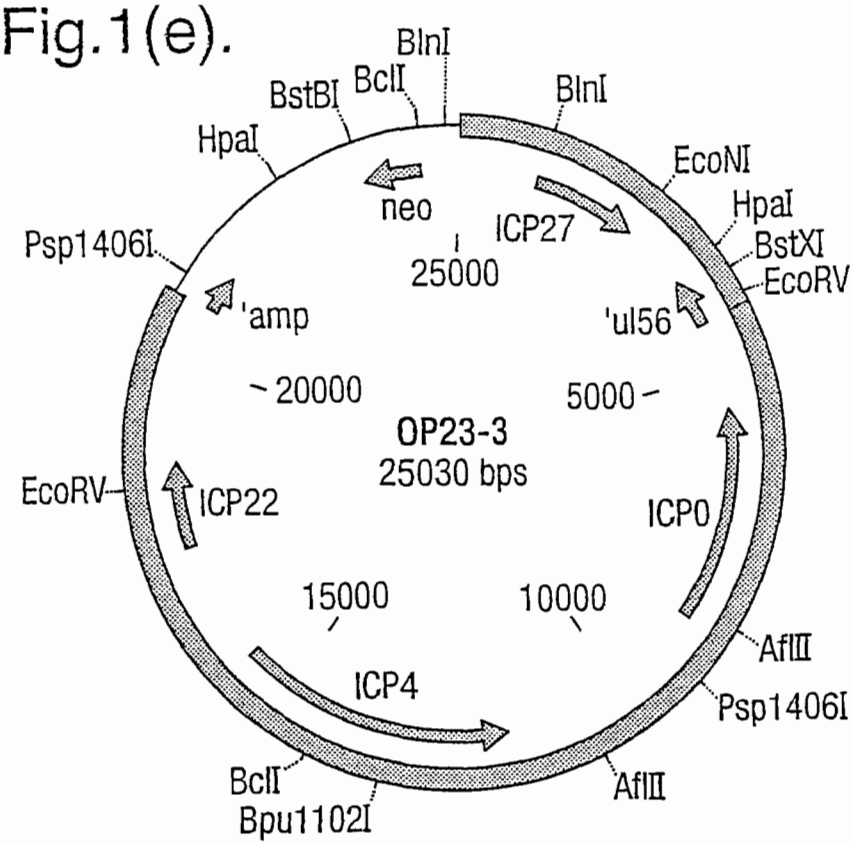

BlnI
BclI
BstBI
BlnI
HpaI
EcoNI
neo
ICP27
HpaI
BstXI
Psp1406I
25000
EcoRV
'amp
'ul56
20000
5000
OP23-3
25030 bps
EcoRV
ICP22
ICP0
15000
10000
AflII
ICP4
Psp1406I
BclI
AflII
Bpu1102I

Fig.1(f).

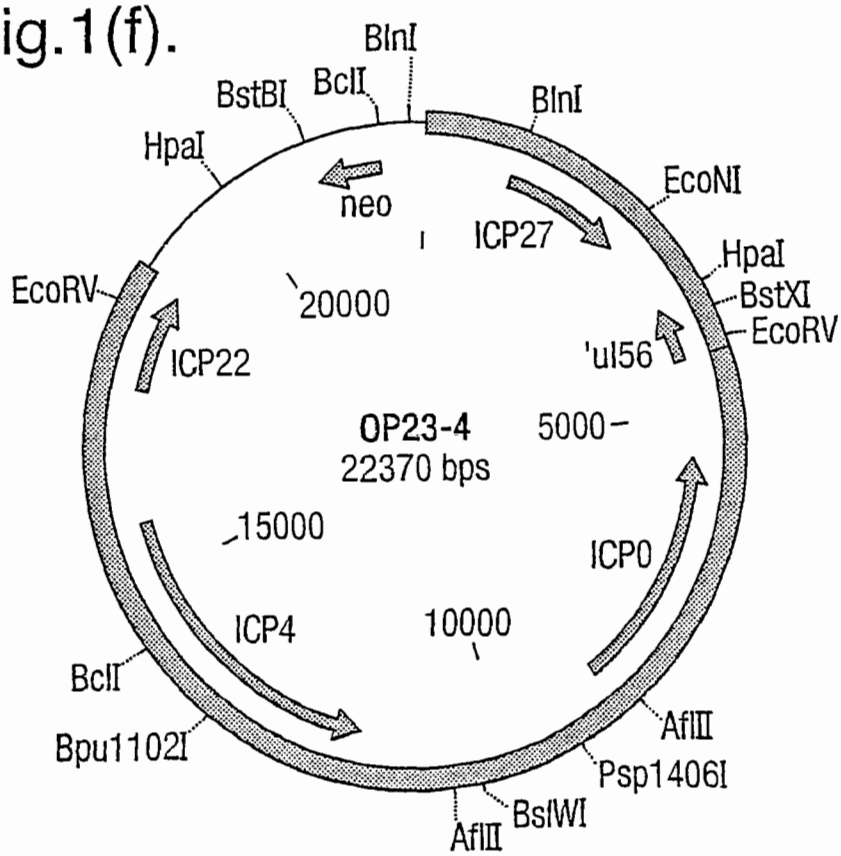

BlnI
BclI
BstBI
BlnI
HpaI
EcoNI
neo
ICP27
HpaI
BstXI
EcoRV
20000
EcoRV
ICP22
'ul56
OP23-4
22370 bps
5000
15000
ICP0
ICP4
10000
BclI
AflII
Bpu1102I
Psp1406I
BslWI
AflII

Fig.1(g).

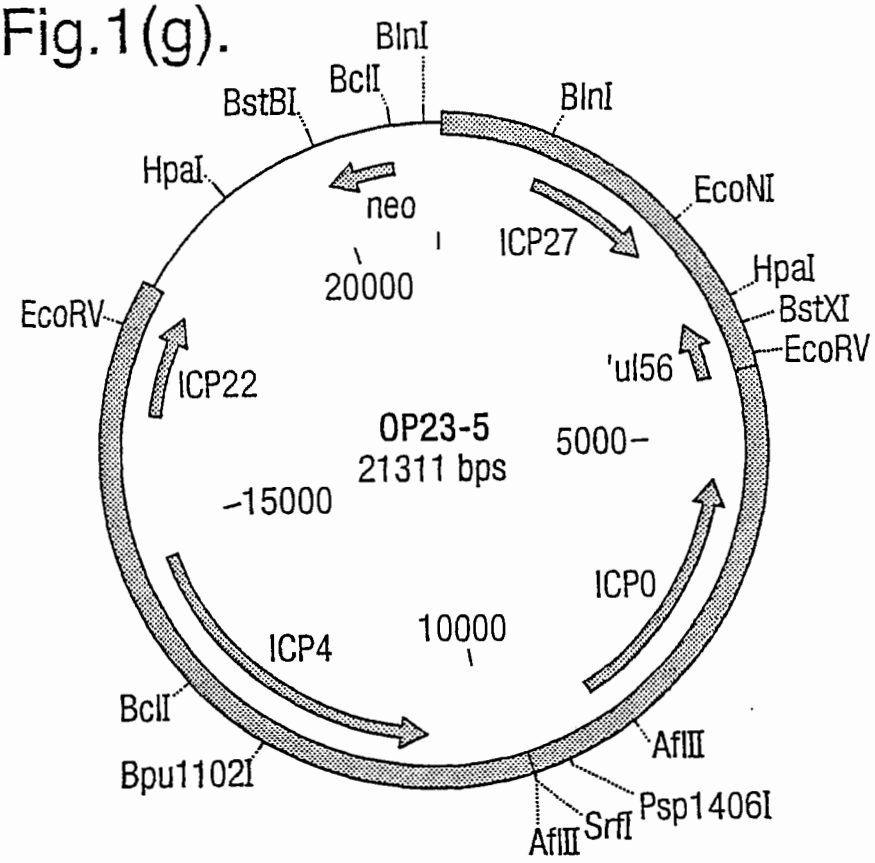

BlnI
BclI
BstBI
BlnI
HpaI
neo
EcoNI
ICP27
20000
HpaI
BstXI
EcoRV
EcoRV
'ul56
ICP22
OP23-5
21311 bps
5000-
-15000
ICP0
10000
ICP4
BclI
AflII
Bpu1102I
Psp1406I
SrfI
AflII

Fig.1(h).

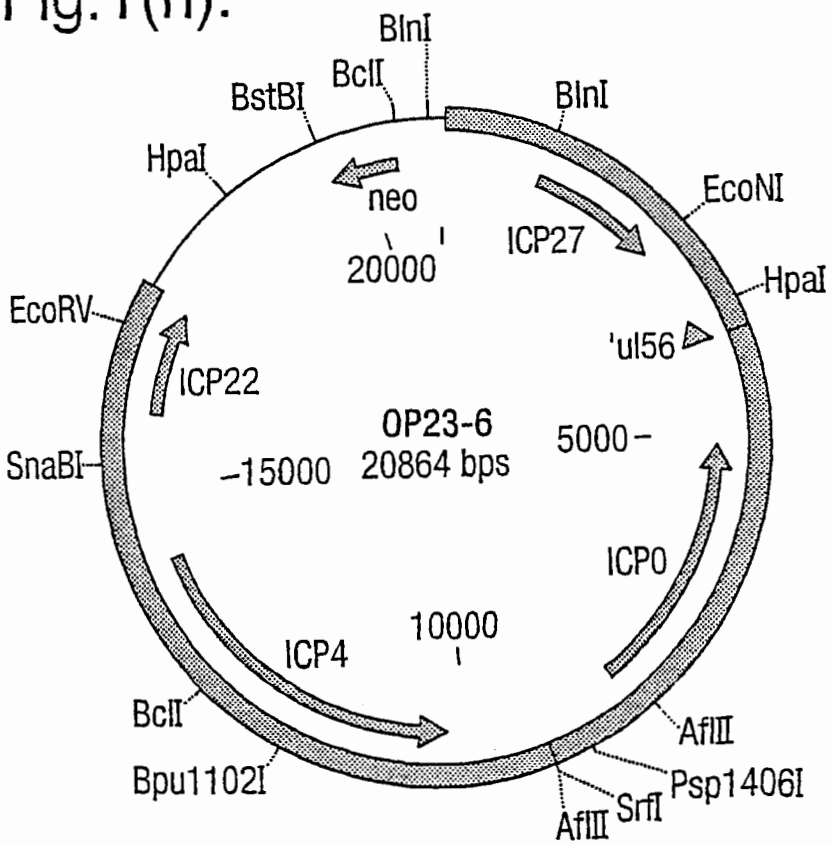

BlnI
BclI
BstBI
BlnI
HpaI
neo
EcoNI
ICP27
20000
HpaI
EcoRV
'ul56
ICP22
OP23-6
5000-
SnaBI
-15000
20864 bps
ICP0
10000
ICP4
BclI
AflII
Bpu1102I
Psp1406I
SrfI
AflII

Fig.2(a).

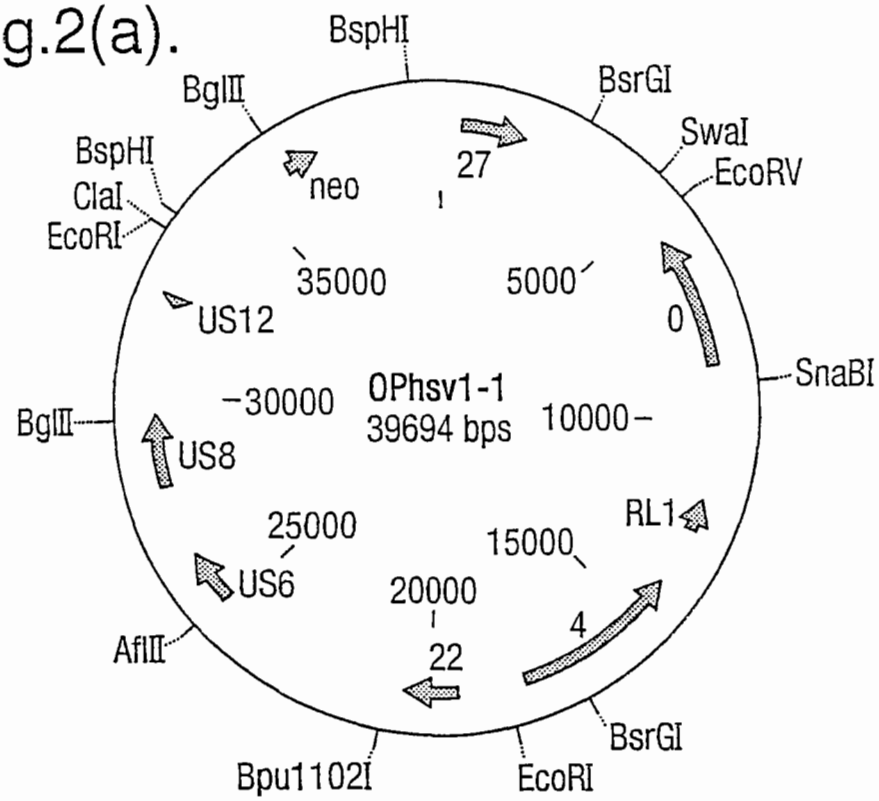

BspHI
BglII
BsrGI
SwaI
EcoRV
BspHI
ClaI
EcoRI
neo
27
1
35000
5000
US12
0
SnaBI
OPhsv1-1
39694 bps
30000
10000
BglII
US8
RL1
25000
15000
US6
20000
4
AflII
22
BsrGI
Bpu1102I
EcoRI

Fig.2(b).

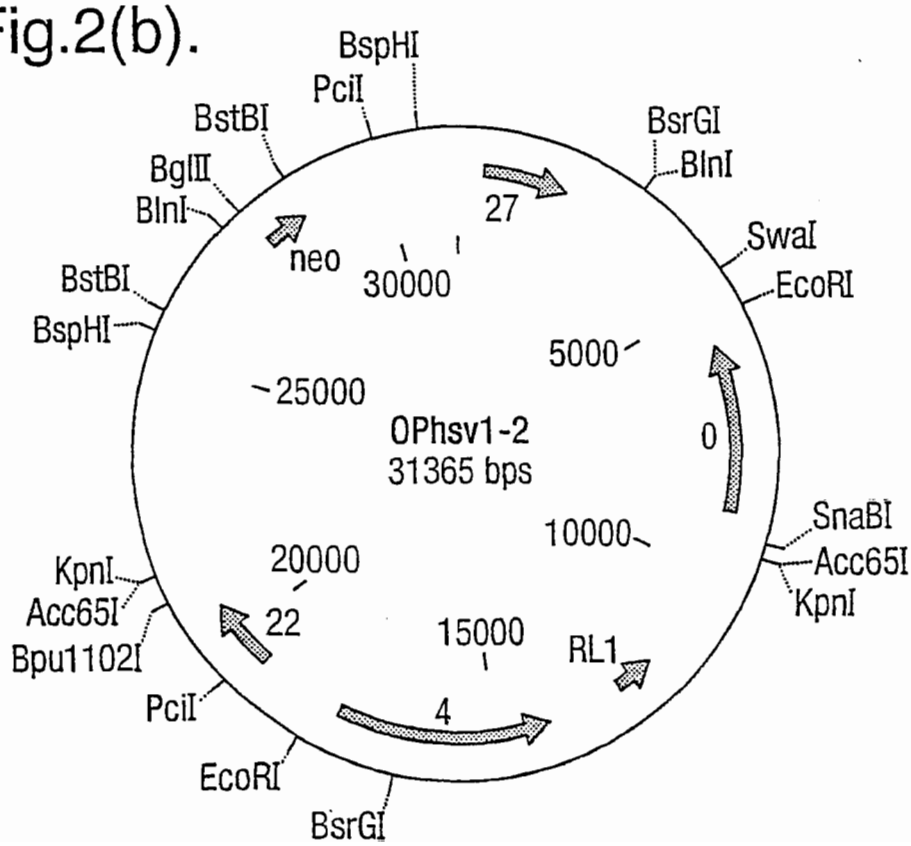

BspHI
PciI
BstBI
BsrGI
BglII
BlnI
BlnI
27
SwaI
neo
30000
EcoRI
BstBI
BspHI
5000
25000
0
OPhsv1-2
31365 bps
SnaBI
10000
Acc65I
20000
KpnI
KpnI
Acc65I
22
15000
RL1
Bpu1102I
PciI
4
EcoRI
BsrGI

Fig.2(c).

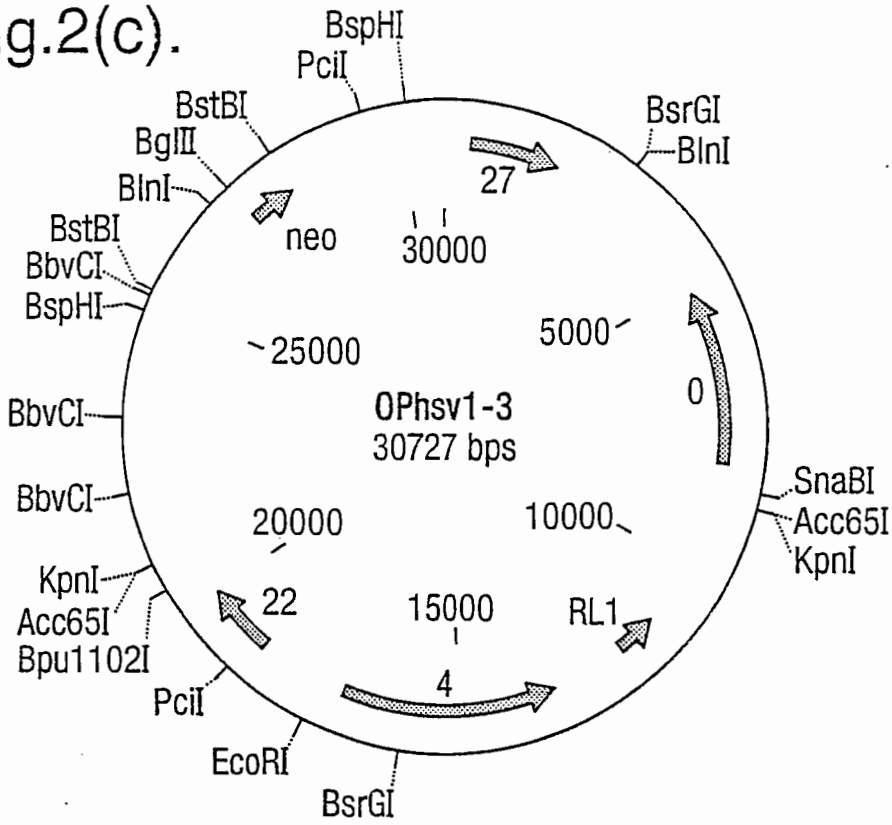

BspHI
PciI
BstBI
BglII
BlnI
BstBI
BbvCI
BspHI
BbvCI
BbvCI
KpnI
Acc65I
Bpu1102I
PciI
EcoRI
BsrGI
BsrGI
BlnI
SnaBI
Acc65I
KpnI
27
neo
30000
5000
0
25000
OPhsv1-3
30727 bps
20000
10000
22
15000
RL1
4

Fig.2(d).

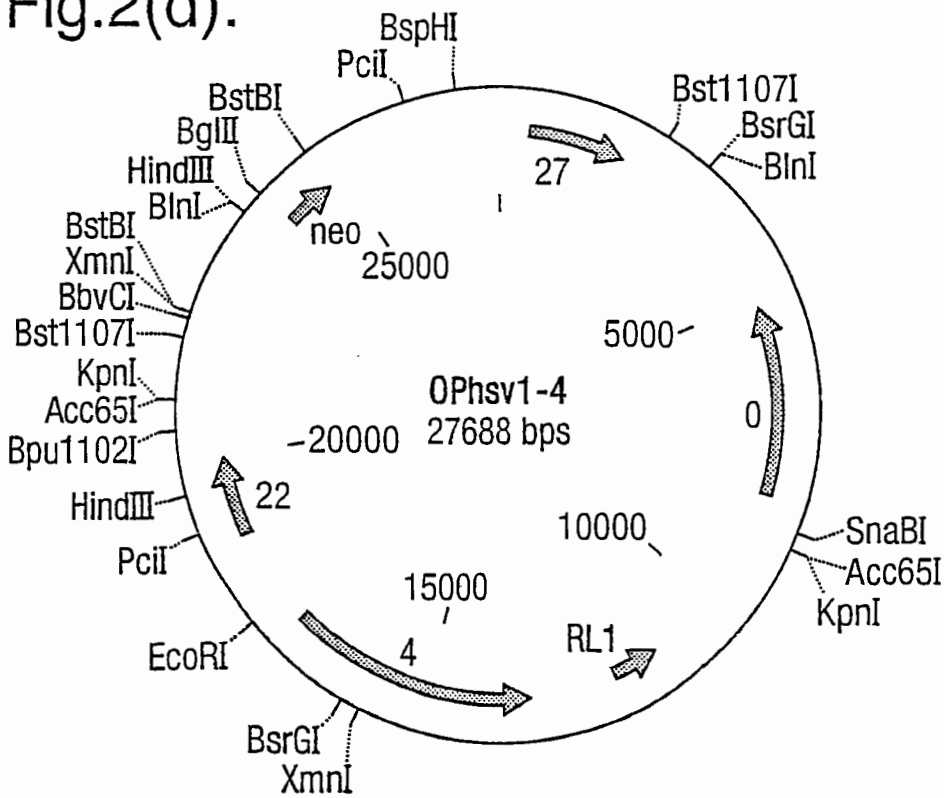

BspHI
PciI
BstBI
BglII
HindIII
BlnI
BstBI
XmnI
BbvCI
Bst1107I
KpnI
Acc65I
Bpu1102I
HindIII
PciI
EcoRI
BsrGI
XmnI
Bst1107I
BsrGI
BlnI
SnaBI
Acc65I
KpnI
27
neo
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5000
0
OPhsv1-4
27688 bps
20000
22
10000
15000
RL1
4

Fig.2(e).

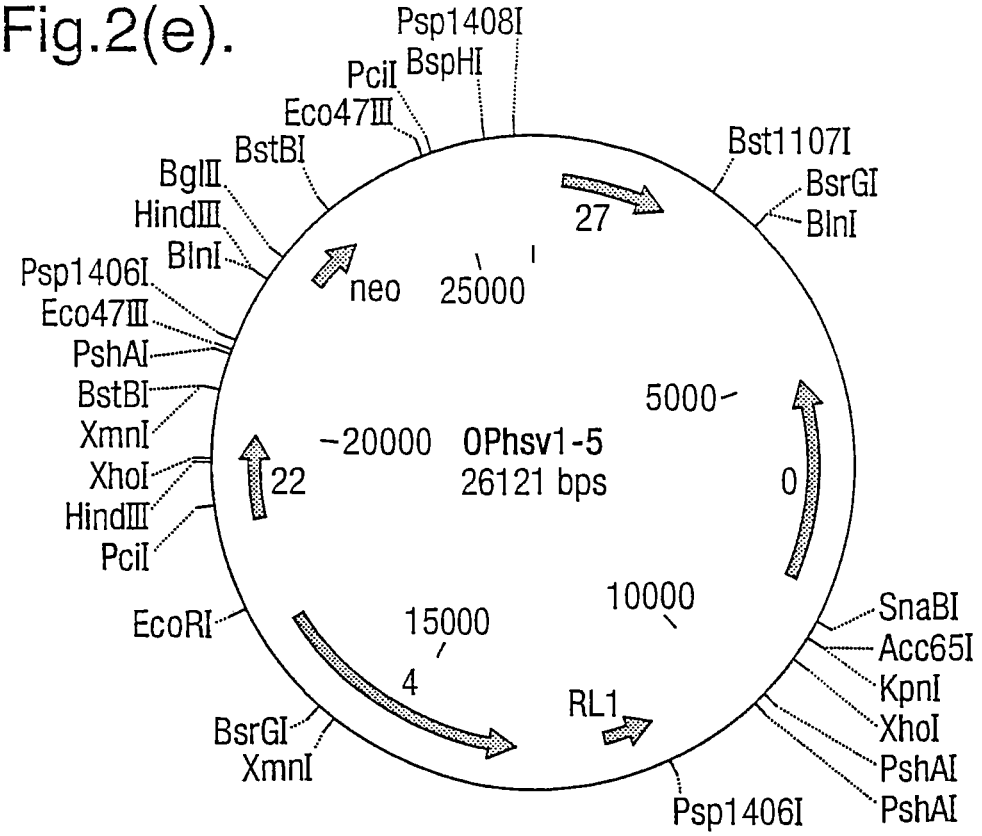
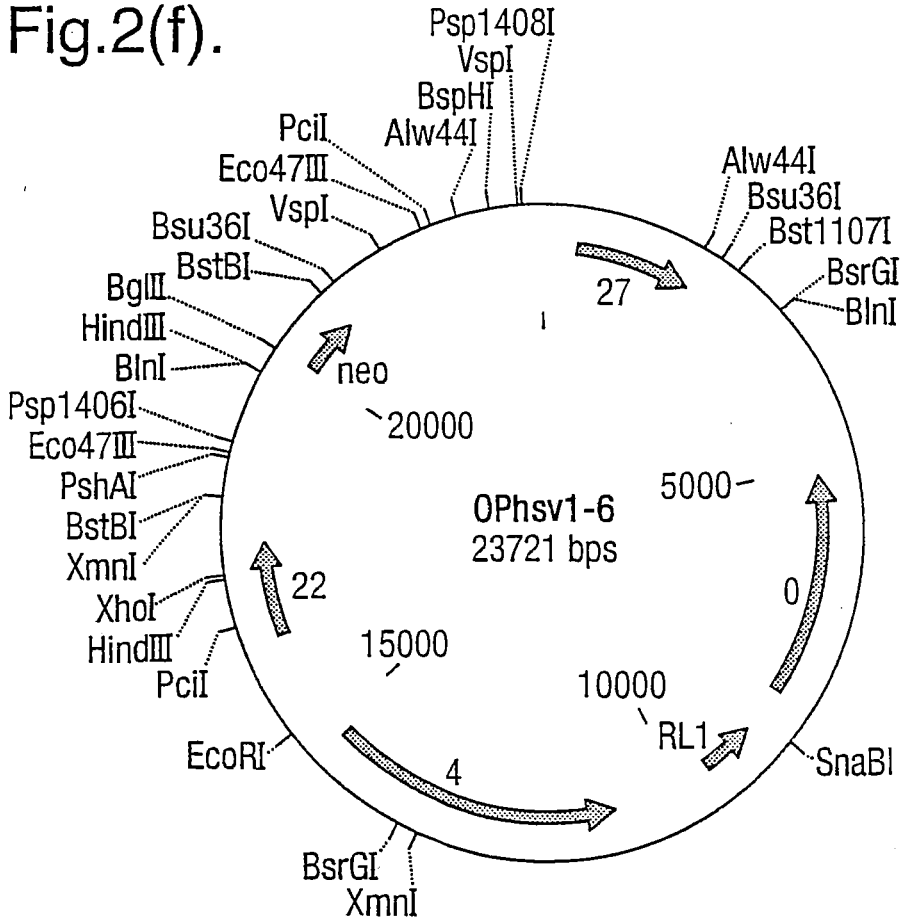

Psp1408I
BspHI
PciI
Eco47III
BstBI
BglII
HindIII
BlnI
Psp1406I
Eco47III
PshAI
BstBI
XmnI
XhoI
HindIII
PciI
EcoRI
BsrGI
XmnI
Bst1107I
BsrGI
BlnI
SnaBI
Acc65I
KpnI
XhoI
PshAI
PshAI
Psp1406I
neo
25000
27
5000
0
−20000
OPhsv1-5
26121 bps
22
10000
15000
4
RL1

Fig.2(f).


Psp1408I
VspI
BspHI
Alw44I
PciI
Eco47III
VspI
Bsu36I
BstBI
BglII
HindIII
BlnI
Psp1406I
Eco47III
PshAI
BstBI
XmnI
XhoI
HindIII
PciI
EcoRI
BsrGI
XmnI
Alw44I
Bsu36I
Bst1107I
BsrGI
BlnI
SnaBI
neo
20000
27
5000
0
OPhsv1-6
23721 bps
22
15000
10000
RL1
4