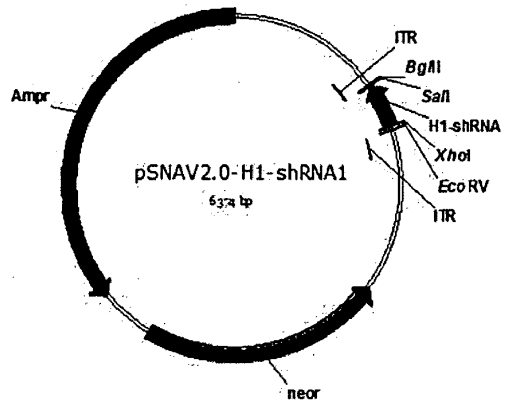

ITR
BglII
SalI
H1-shRNA
XhoI
EcoRV
ITR
Ampr
pSNAV2.0-H1-shRNA1
neor

图 1

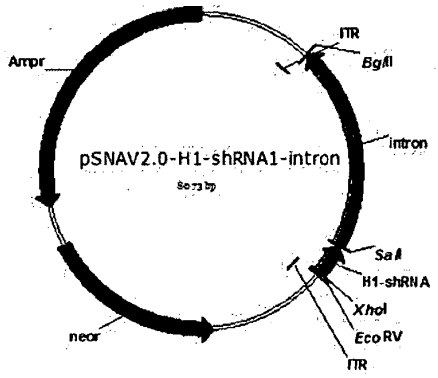

ITR
BglII
Ampr
intron
pSNAV2.0-H1-shRNA1-intron
SalI
H1-shRNA
XhoI
EcoRV
ITR
neor

图 2

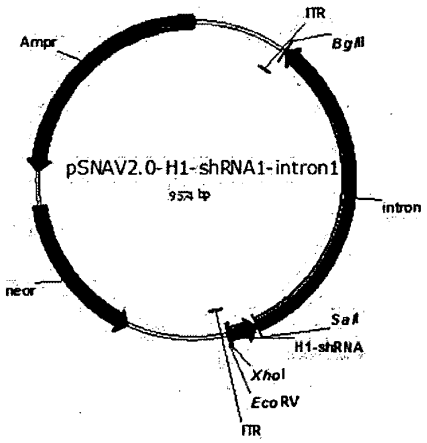

ITR
BglII
Ampr
pSNAV2.0-H1-shRNA1-intron1
intron
neor
SalI
H1-shRNA
XhoI
EcoRV
ITR

图 3

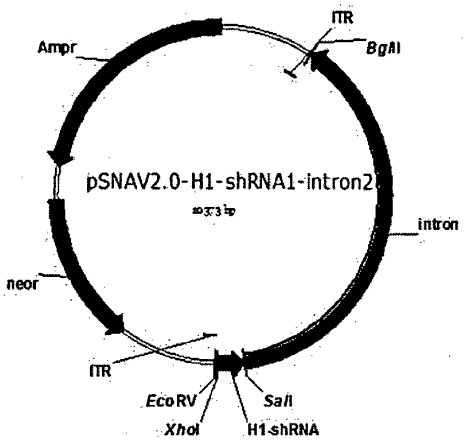

ITR
BglII
Ampr
pSNAV2.0-H1-shRNA1-intron2
intron
neor
ITR
EcoRV
SalI
XhoI
H1-shRNA

图 4

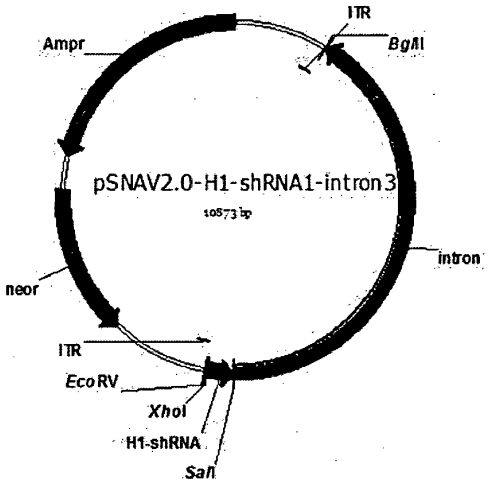

ITR
BglII
Ampr
pSNAV2.0-H1-shRNA1-intron3
10573 bp
intron
neor
ITR
EcoRV
XhoI
H1-shRNA
SalI

图 5

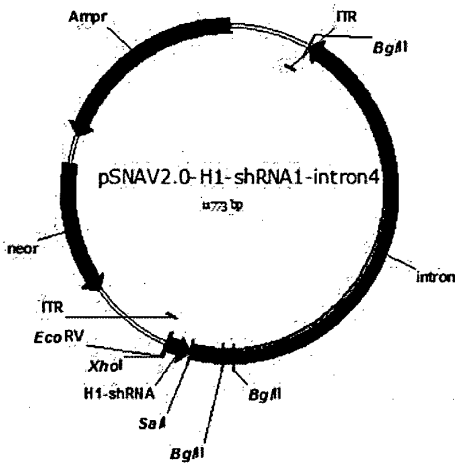

Ampr
ITR
BglII
pSNAV2.0-H1-shRNA1-intron4
intron
neor
ITR
EcoRV
XhoI
H1-shRNA
SalI
BglII
BglII

图 6

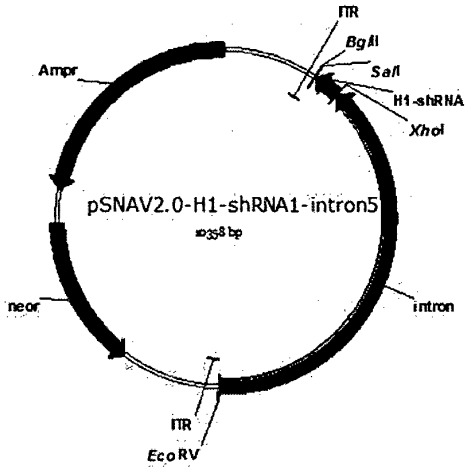

ITR
BglII
SalI
H1-shRNA
XhoI
Ampr
pSNAV2.0-H1-shRNA1-intron5
1038 bp
intron
neor
ITR
EcoRV

图 7

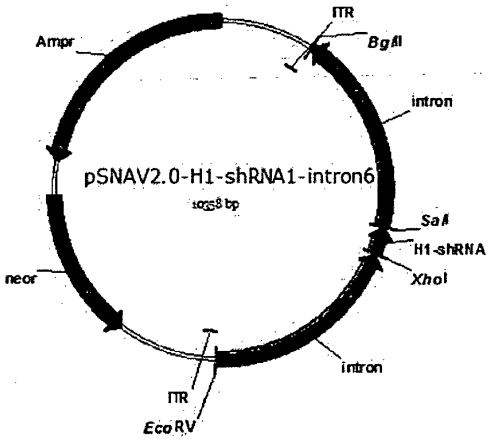

ITR
Ampr
BglII
intron
pSNAV2.0-H1-shRNA1-intron6
1038 bp
SalI
H1-shRNA
XhoI
neor
intron
ITR
EcoRV

图 8

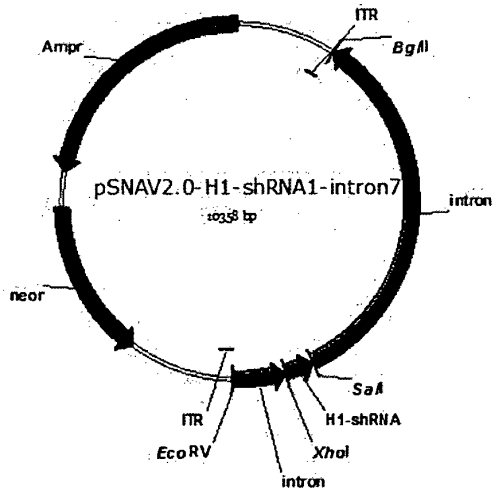

ITR
Ampr
BglII
pSNAV2.0-H1-shRNA1-intron7
1038 bp
intron
neor
SalI
ITR
H1-shRNA
EcoRV
XhoI
intron

图 9

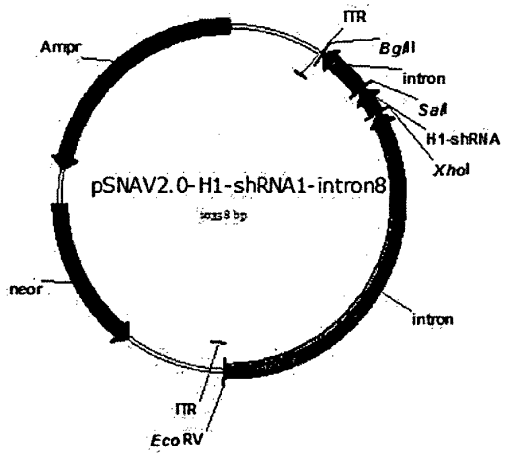

ITR
Ampr
BglII
intron
SalI
H1-shRNA
XhoI
pSNAV2.0-H1-shRNA1-intron8
neor
intron
ITR
EcoRV

图 10

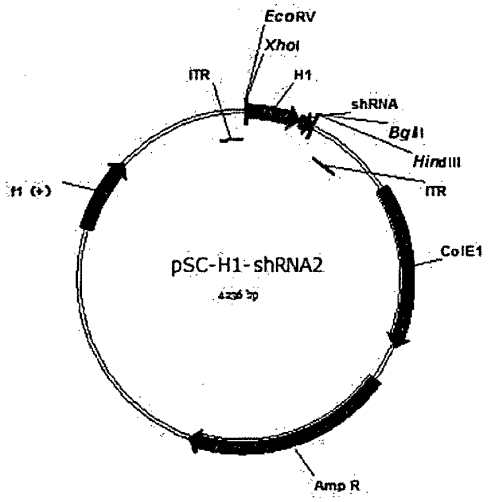

EcoRV
XhoI
ITR
H1
shRNA
BglII
HindIII
ITR
f1 (+)
ColE1
pSC-H1-shRNA2
Amp R

图 11

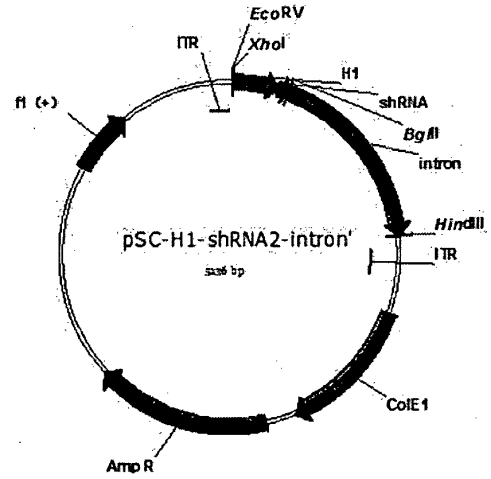

EcoRV
ITR
XhoI
H1
f1 (+)
shRNA
BglII
intron
HindIII
pSC-H1-shRNA2-intron'
ITR
ColE1
Amp R

图 12

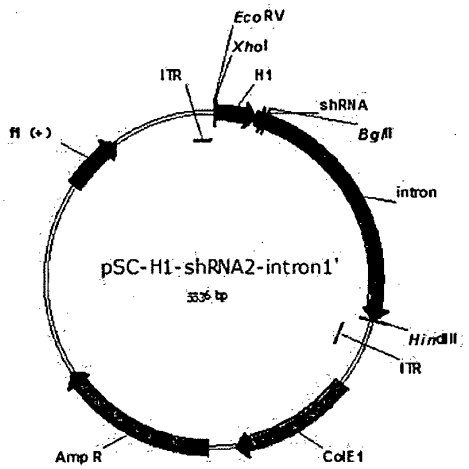

EcoRV
XhoI
ITR
H1
shRNA
BglII
f1 (+)
intron
pSC-H1-shRNA2-intron1'
3336 bp
HindIII
ITR
Amp R
ColE1

图 13

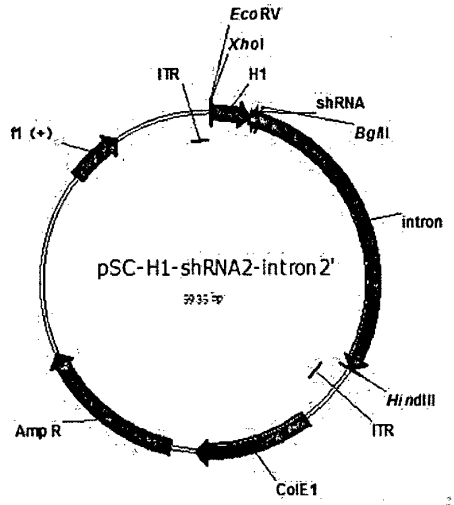

EcoRV
XhoI
ITR
H1
shRNA
BglII
f1 (+)
intron
pSC-H1-shRNA2-intron2'
3935 bp
HindIII
ITR
Amp R
ColE1

图 14

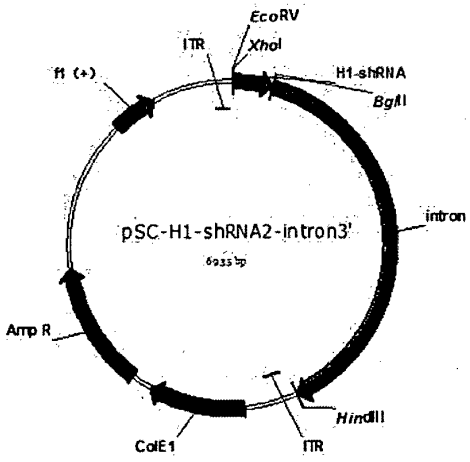

EcoRV
ITR
XhoI
H1-shRNA
BglII
f1 (+)
intron
pSC-H1-shRNA2-intron3'
6935 bp
Amp R
HindIII
ColE1
ITR

图 15

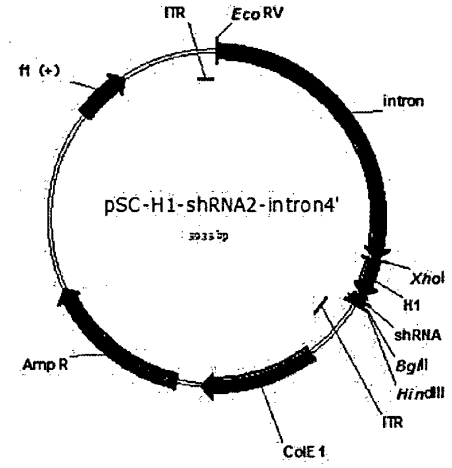

ITR
EcoRV
f1 (+)
intron
pSC-H1-shRNA2-intron4'
3933 bp
XhoI
H1
shRNA
BglII
HindIII
ITR
Amp R
ColE1

图 16

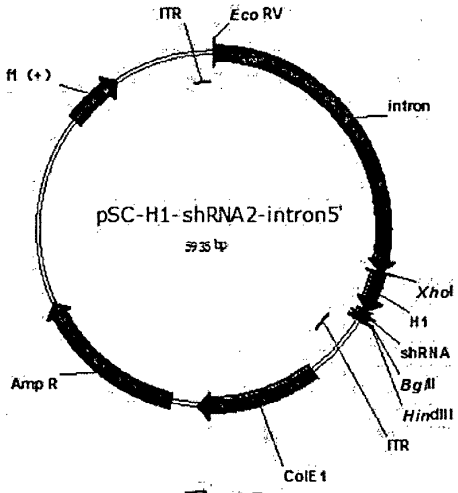

ITR
EcoRV
f1 (+)
intron
pSC-H1-shRNA2-intron5'
3935 bp
XhoI
H1
shRNA
BglII
HindIII
ITR
Amp R
ColE1

图 17

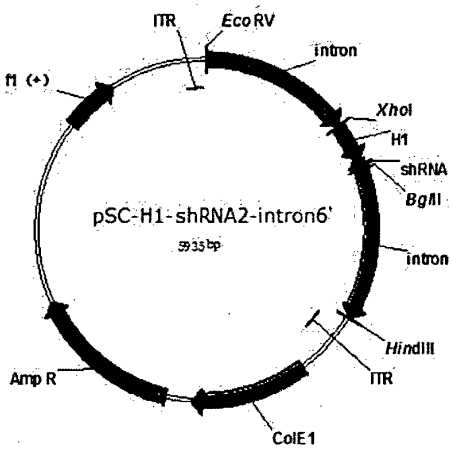

ITR
EcoRV
intron
f1 (+)
XhoI
H1
shRNA
BglII
pSC-H1-shRNA2-intron6'
3935 bp
intron
HindIII
ITR
Amp R
ColE1

图 18

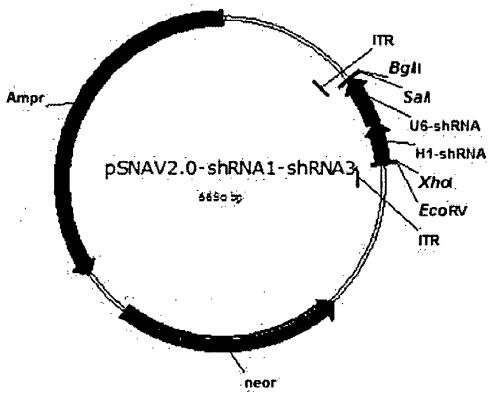

ITR
BglII
SalI
U6-shRNA
H1-shRNA
XhoI
EcoRV
ITR
Ampr
pSNAV2.0-shRNA1-shRNA3
neor

图 19

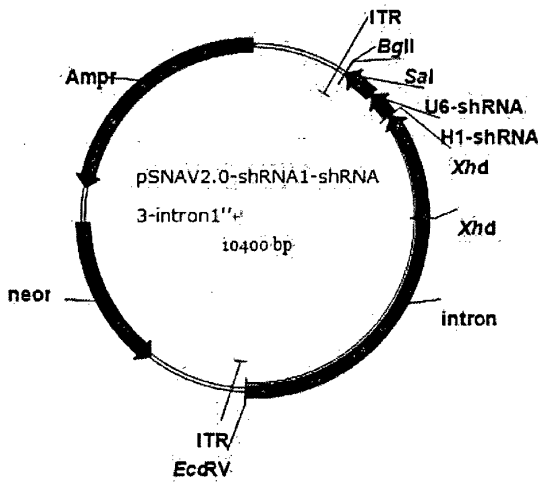

ITR
BglII
SalI
U6-shRNA
H1-shRNA
XhoI
XhoI
Ampr
pSNAV2.0-shRNA1-shRNA
3-intron1''
10400 bp
neor
intron
ITR
EcoRV

图 20

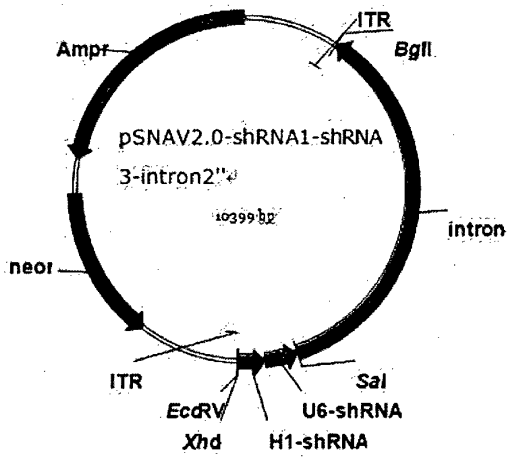

ITR
BglII
Ampr
pSNAV2.0-shRNA1-shRNA
3-intron2''
10399 bp
intron
neor
ITR
SalI
EcoRV
U6-shRNA
XhoI
H1-shRNA

图 21

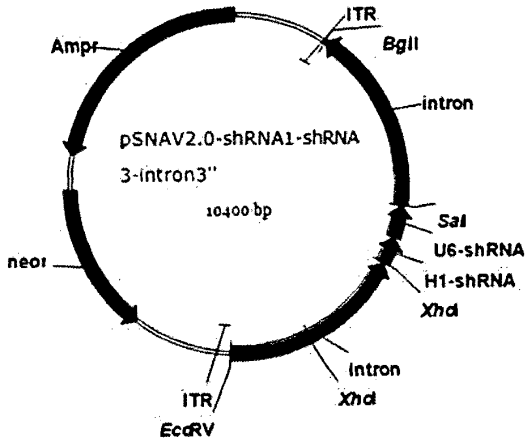

ITR
BglII
Ampr
intron
pSNAV2.0-shRNA1-shRNA
3-intron3"
10400 bp
SalI
U6-shRNA
H1-shRNA
XhoI
neor
intron
XhoI
ITR
EcoRV

图 22

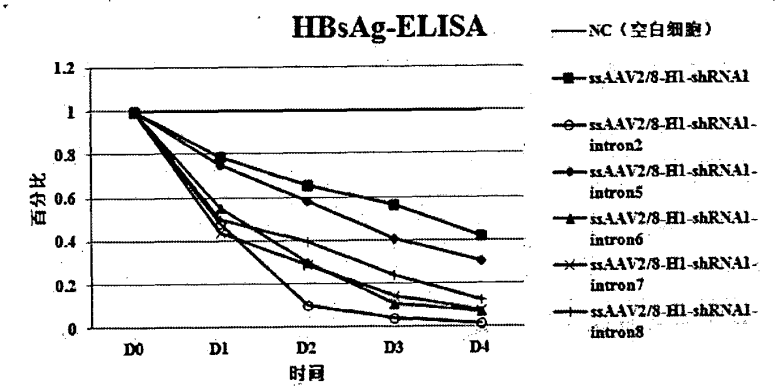

HBsAg-ELISA
NC（空白细胞）
ssAAV2/8-H1-shRNA1
ssAAV2/8-H1-shRNA1-intron2
ssAAV2/8-H1-shRNA1-intron5
ssAAV2/8-H1-shRNA1-intron6
ssAAV2/8-H1-shRNA1-intron7
ssAAV2/8-H1-shRNA1-intron8
百分比
1.2
1
0.8
0.6
0.4
0.2
0
D0
D1
D2
D3
D4
时间

图 23

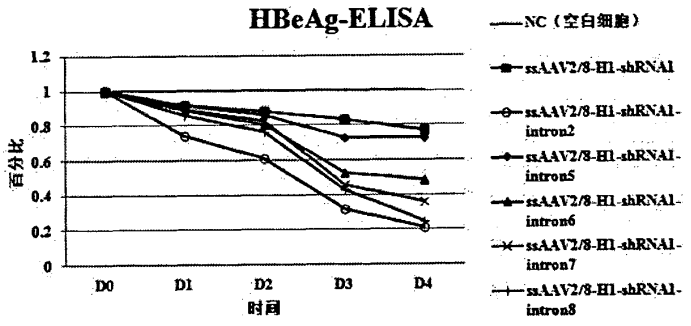

HBeAg-ELISA
NC（空白细胞）
ssAAV2/8-H1-shRNA1
ssAAV2/8-H1-shRNA1-intron2
ssAAV2/8-H1-shRNA1-intron5
ssAAV2/8-H1-shRNA1-intron6
ssAAV2/8-H1-shRNA1-intron7
ssAAV2/8-H1-shRNA1-intron8
百分比
1.2
1
0.8
0.6
0.4
0.2
0
D0
D1
D2
D3
D4
时间

图 24

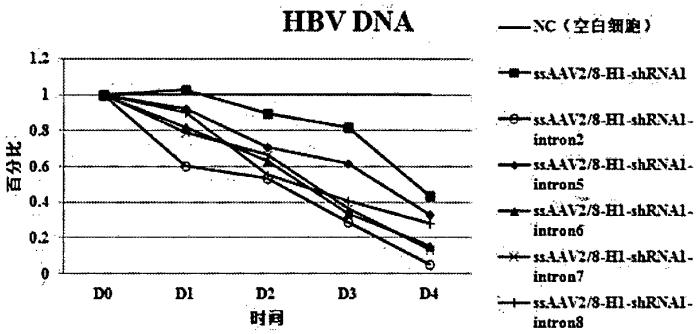

HBV DNA
百分比
1.2
1
0.8
0.6
0.4
0.2
0
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/8-H1-shRNA1
ssAAV2/8-H1-shRNA1-intron2
ssAAV2/8-H1-shRNA1-intron5
ssAAV2/8-H1-shRNA1-intron6
ssAAV2/8-H1-shRNA1-intron7
ssAAV2/8-H1-shRNA1-intron8

图 25

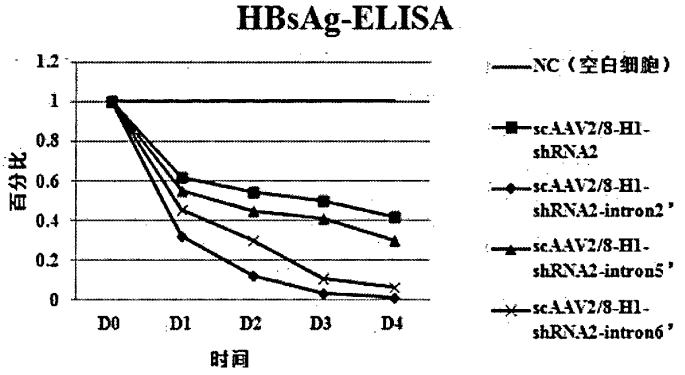

HBsAg-ELISA
百分比
1.2
1
0.8
0.6
0.4
0.2
0
D0
D1
D2
D3
D4
时间
NC（空白细胞）
scAAV2/8-H1-shRNA2
scAAV2/8-H1-shRNA2-intron2'
scAAV2/8-H1-shRNA2-intron5'
scAAV2/8-H1-shRNA2-intron6'

图 26

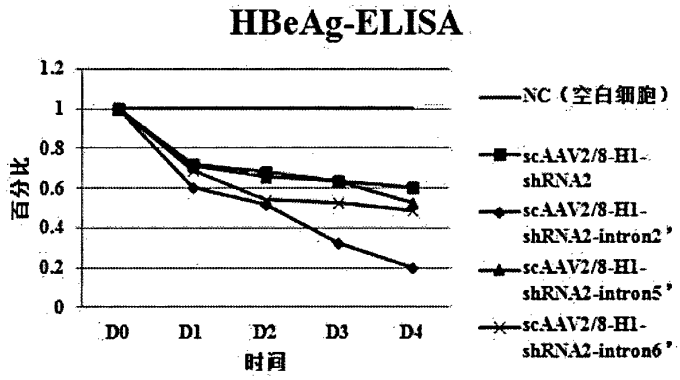

HBeAg-ELISA
百分比
1.2
1
0.8
0.6
0.4
0.2
0
D0
D1
D2
D3
D4
时间
NC（空白细胞）
scAAV2/8-H1-shRNA2
scAAV2/8-H1-shRNA2-intron2'
scAAV2/8-H1-shRNA2-intron5'
scAAV2/8-H1-shRNA2-intron6'

图 27

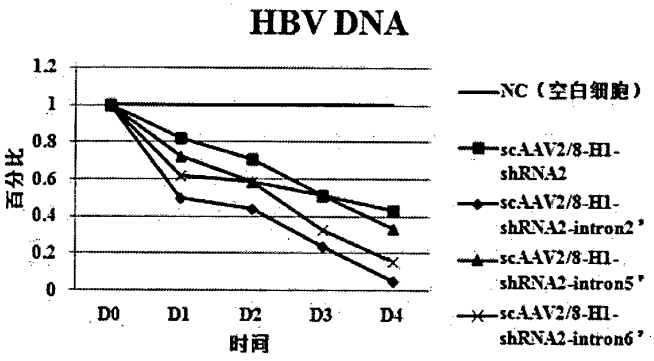

HBV DNA
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
scAAV2/8-H1-shRNA2
scAAV2/8-H1-shRNA2-intron2'
scAAV2/8-H1-shRNA2-intron5'
scAAV2/8-H1-shRNA2-intron6'

图 28

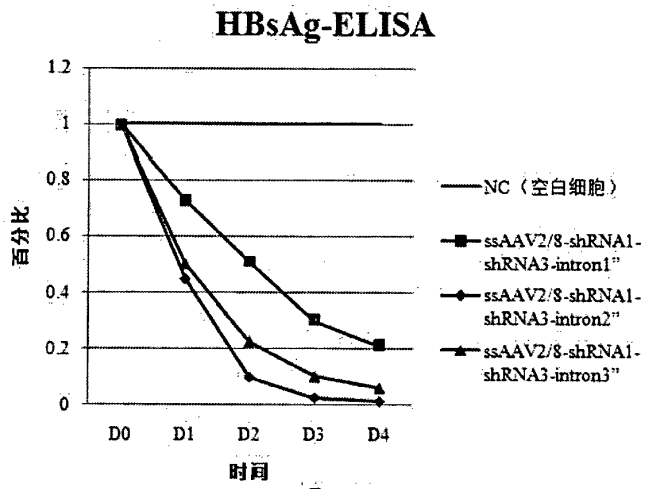

HBsAg-ELISA
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/8-shRNA1-shRNA3-intron1"
ssAAV2/8-shRNA1-shRNA3-intron2"
ssAAV2/8-shRNA1-shRNA3-intron3"

图 29

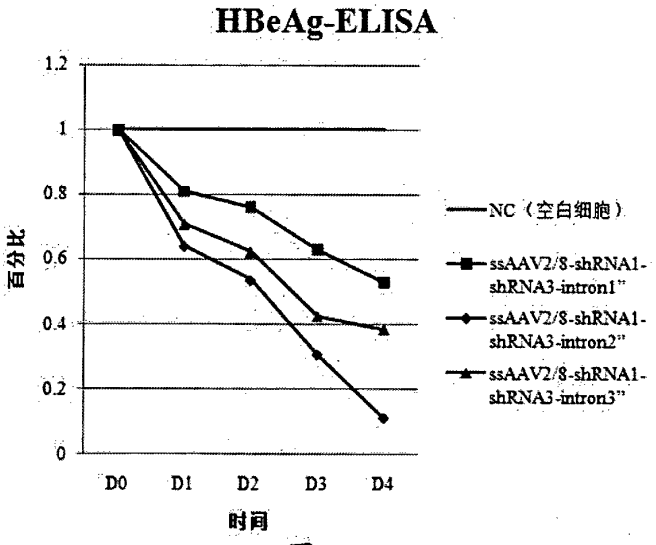

HBeAg-ELISA
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/8-shRNA1-shRNA3-intron1"
ssAAV2/8-shRNA1-shRNA3-intron2"
ssAAV2/8-shRNA1-shRNA3-intron3"

图 30

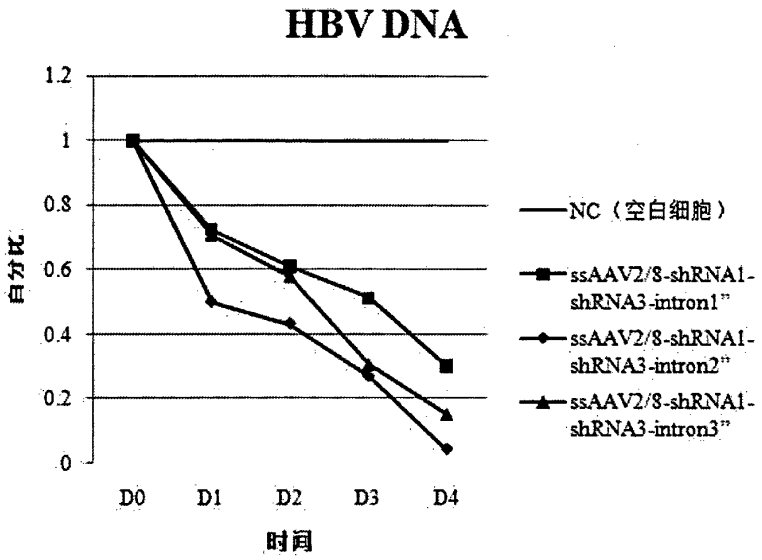

HBV DNA
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/8-shRNA1-shRNA3-intron1"
ssAAV2/8-shRNA1-shRNA3-intron2"
ssAAV2/8-shRNA1-shRNA3-intron3"

图 31

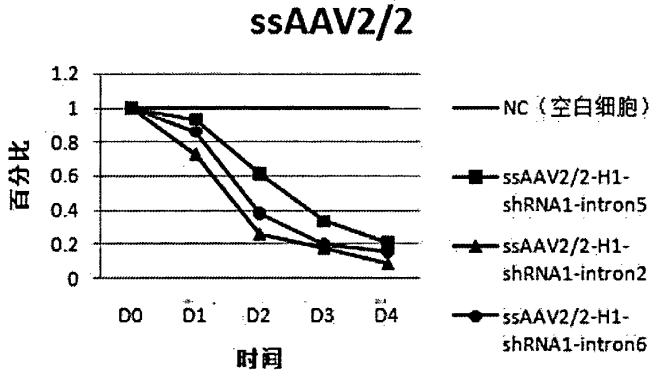

ssAAV2/2
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/2-H1-shRNA1-intron5
ssAAV2/2-H1-shRNA1-intron2
ssAAV2/2-H1-shRNA1-intron6

图 32

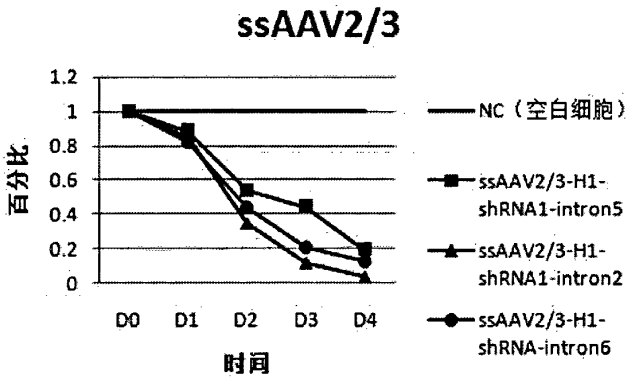

ssAAV2/3
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/3-H1-shRNA1-intron5
ssAAV2/3-H1-shRNA1-intron2
ssAAV2/3-H1-shRNA-intron6

图 33

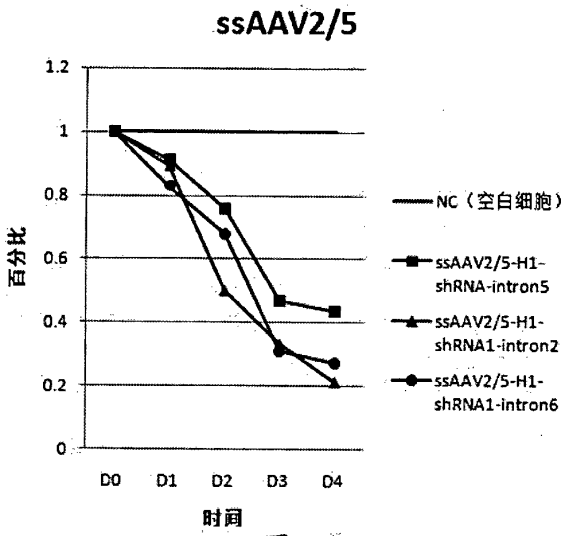

ssAAV2/5
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/5-H1-shRNA-intron5
ssAAV2/5-H1-shRNA1-intron2
ssAAV2/5-H1-shRNA1-intron6

图 34

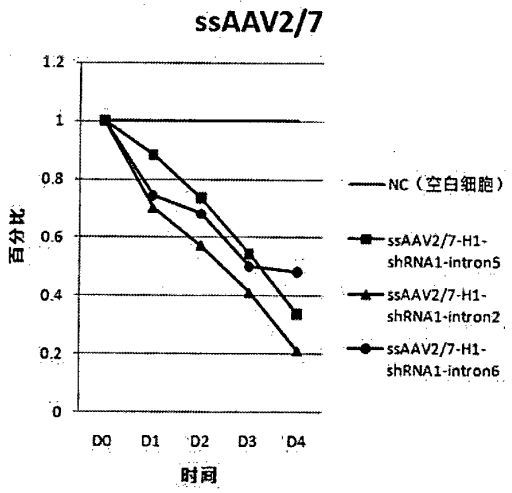

ssAAV2/7
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/7-H1-shRNA1-intron5
ssAAV2/7-H1-shRNA1-intron2
ssAAV2/7-H1-shRNA1-intron6

图 35

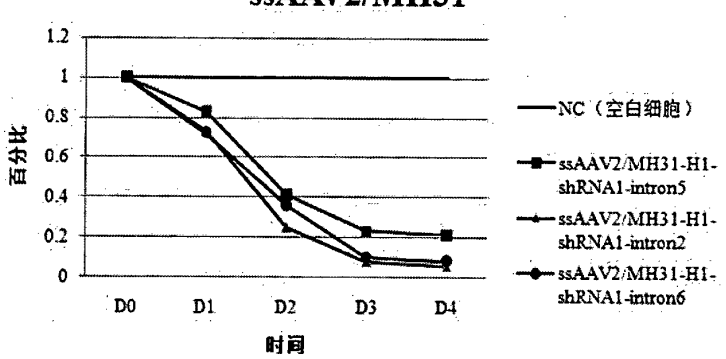

ssAAV2/MH31
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/MH31-H1-shRNA1-intron5
ssAAV2/MH31-H1-shRNA1-intron2
ssAAV2/MH31-H1-shRNA1-intron6

图 36

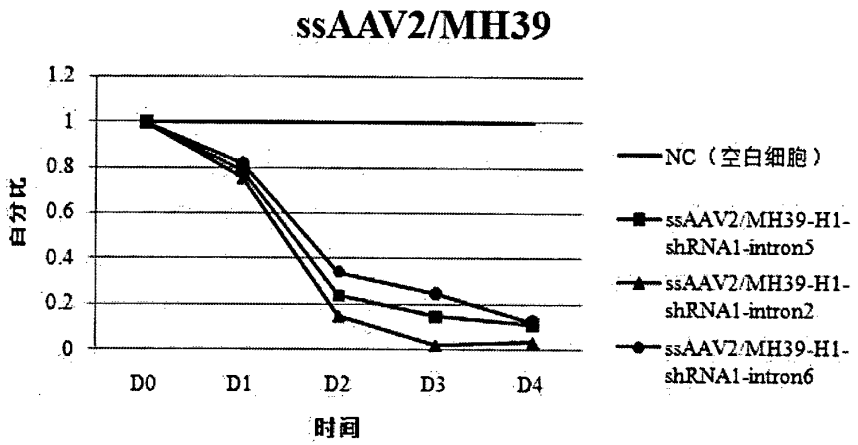

ssAAV2/MH39
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/MH39-H1-shRNA1-intron5
ssAAV2/MH39-H1-shRNA1-intron2
ssAAV2/MH39-H1-shRNA1-intron6

图 37

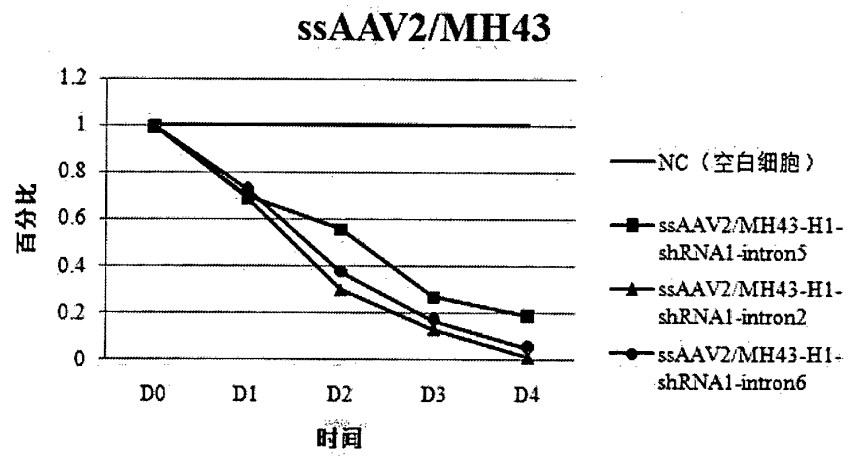

ssAAV2/MH43
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/MH43-H1-shRNA1-intron5
ssAAV2/MH43-H1-shRNA1-intron2
ssAAV2/MH43-H1-shRNA1-intron6

图 38

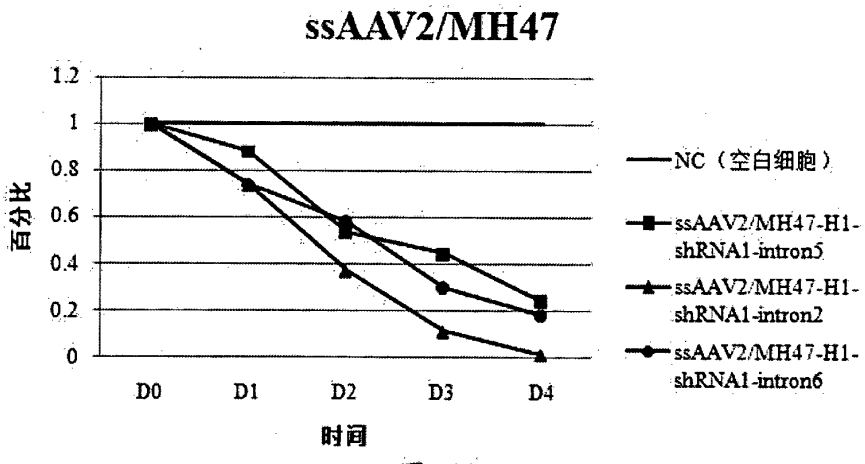

ssAAV2/MH47
1.2
1
0.8
0.6
0.4
0.2
0
百分比
D0
D1
D2
D3
D4
时间
NC（空白细胞）
ssAAV2/MH47-H1-shRNA1-intron5
ssAAV2/MH47-H1-shRNA1-intron2
ssAAV2/MH47-H1-shRNA1-intron6

图 39

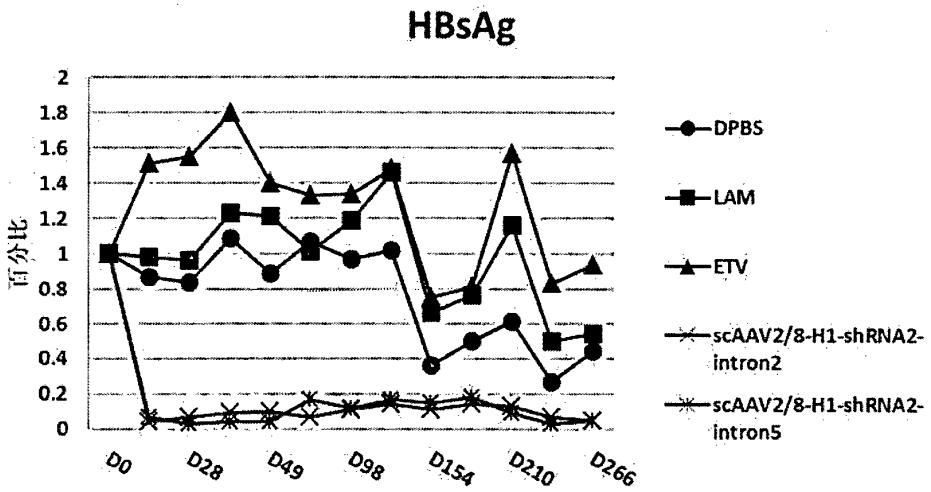

HBsAg
百分比
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
D0
D28
D49
D98
D154
D210
D266
DPBS
LAM
ETV
scAAV2/8-H1-shRNA2-intron2
scAAV2/8-H1-shRNA2-intron5

图 40

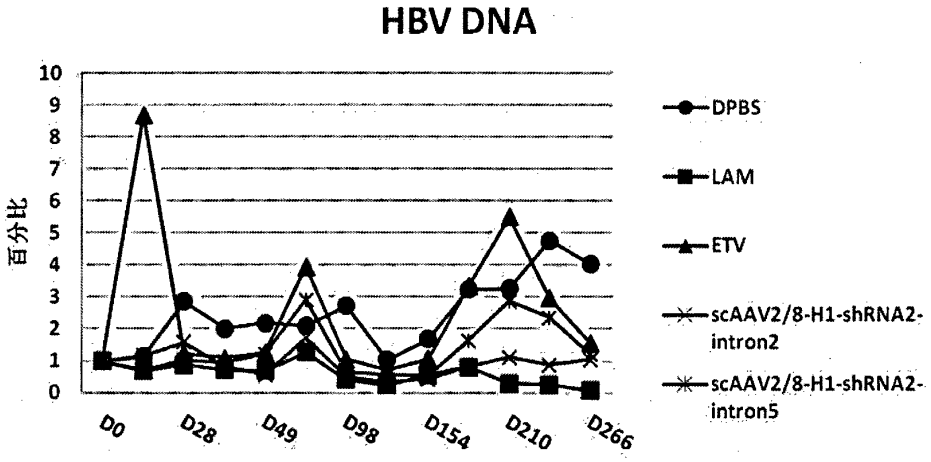

HBV DNA
百分比
10
9
8
7
6
5
4
3
2
1
0
D0
D28
D49
D98
D154
D210
D266
DPBS
LAM
ETV
scAAV2/8-H1-shRNA2-intron2
scAAV2/8-H1-shRNA2-intron5

图 41