Fig. 1

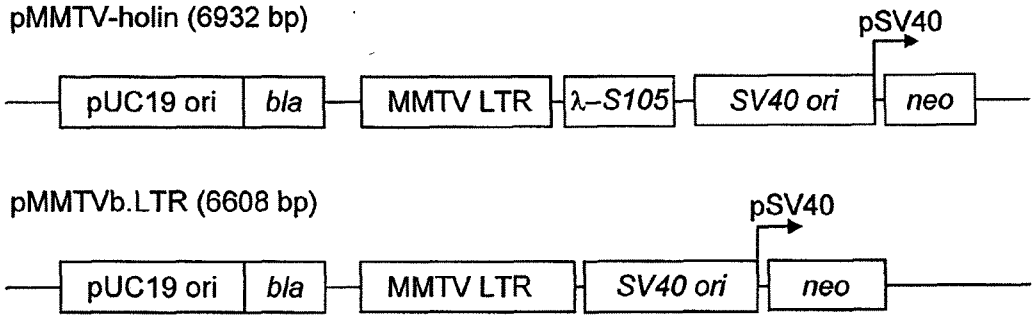

pMMTV-holin (6932 bp)
pSV40
pUC19 ori
bla
MMTV LTR
λ–S105
SV40 ori
neo
pMMTVb.LTR (6608 bp)
pSV40
pUC19 ori
bla
MMTV LTR
SV40 ori
neo

Fig. 2

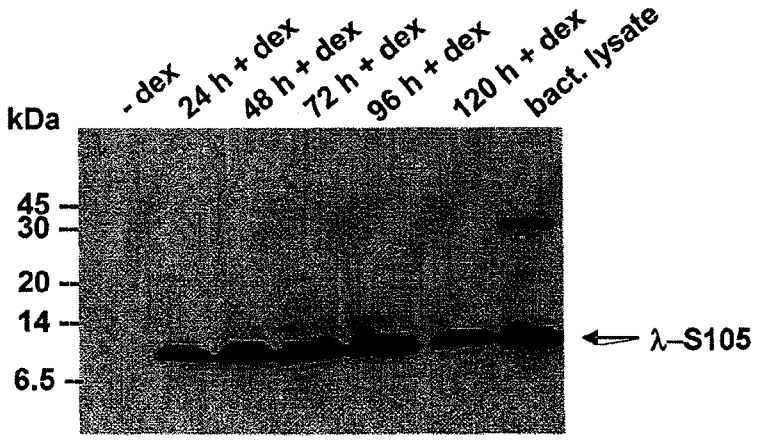
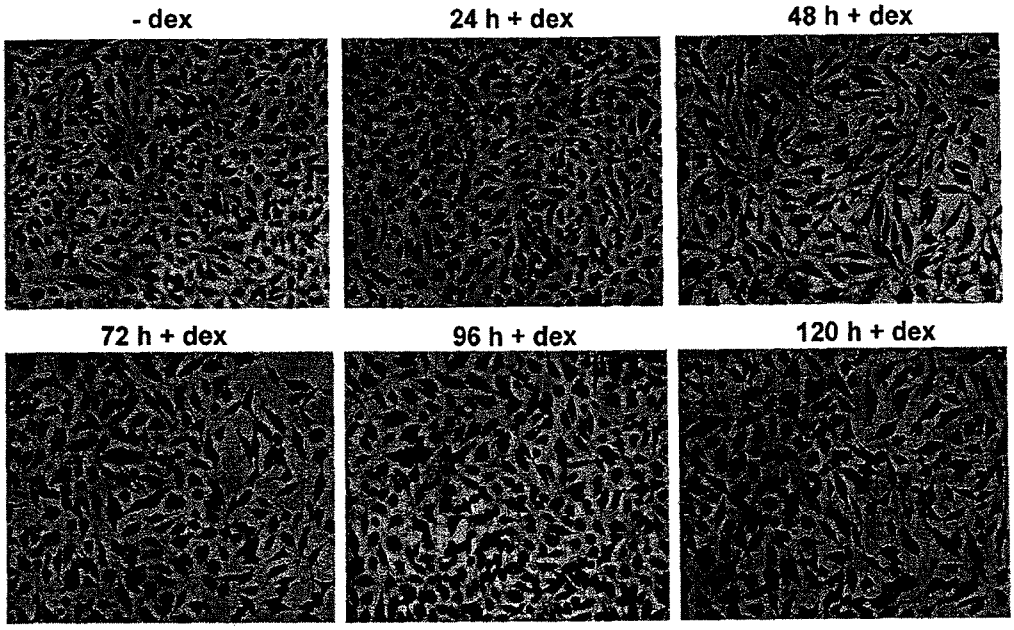

- dex
24 h + dex
48 h + dex
72 h + dex
96 h + dex
120 h + dex
bact. lysate
kDa
45
30
20
14
6.5
λ–S105

Fig. 3

A


- dex
24 h + dex
48 h + dex
72 h + dex
96 h + dex
120 h + dex

B

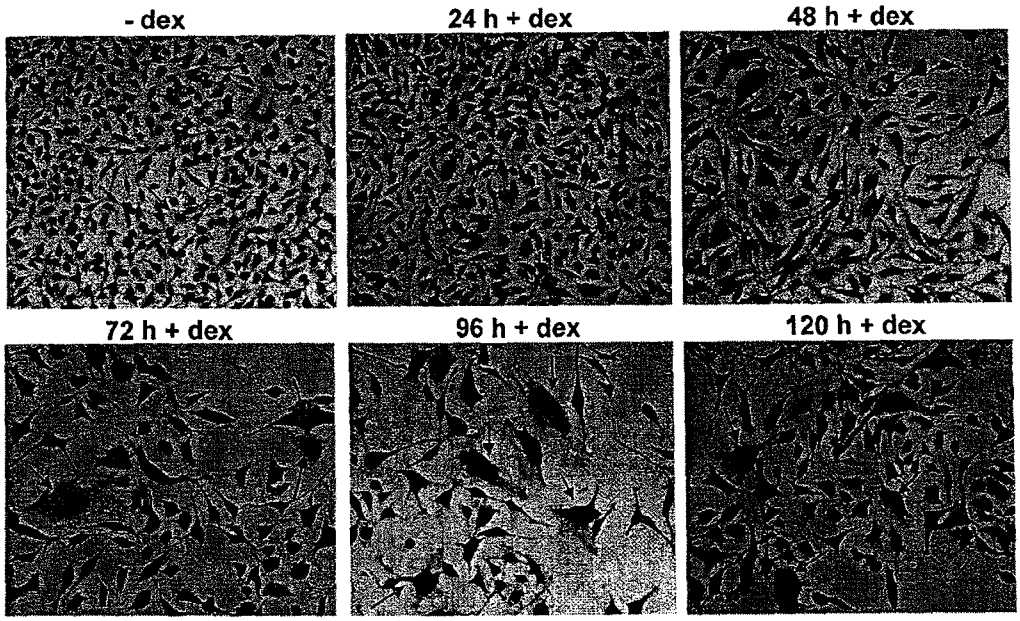

- dex
24 h + dex
48 h + dex
72 h + dex
96 h + dex
120 h + dex

Fig. 4

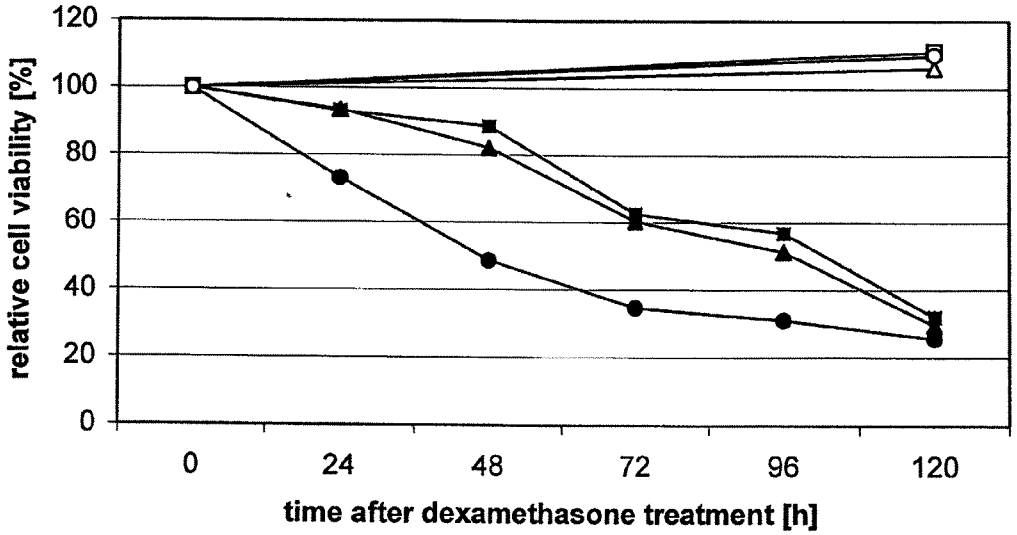
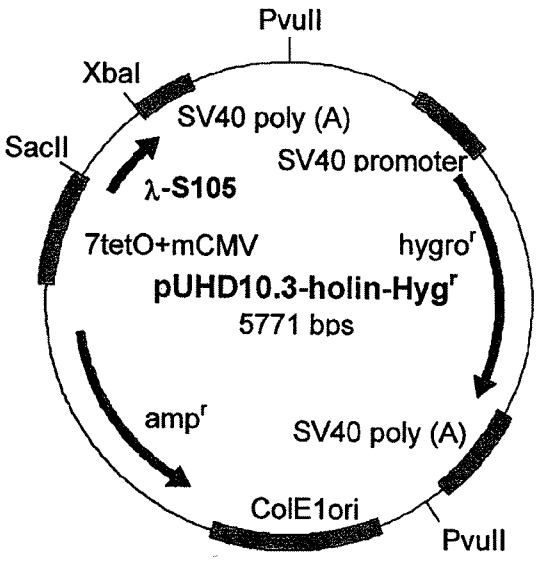

120
100
80
60
40
20
0
relative cell viability [%]
0
24
48
72
96
120
time after dexamethasone treatment [h]

Fig. 5


PvuII
XbaI
SV40 poly (A)
SacII
SV40 promoter
λ-S105
7tetO+mCMV
hygro^r
pUHD10.3-holin-Hyg^r
5771 bps
amp^r
SV40 poly (A)
ColE1ori
PvuII

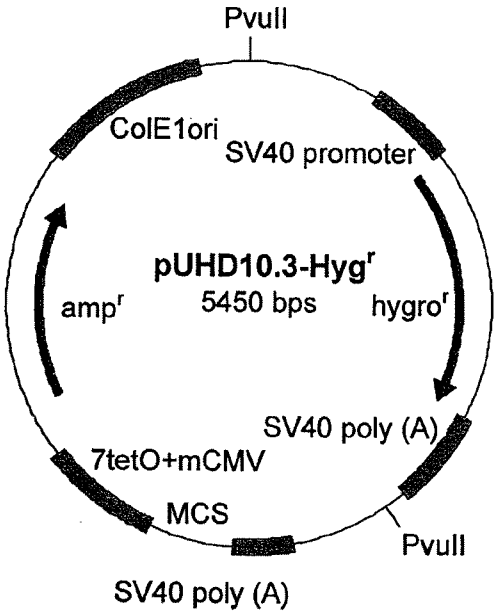
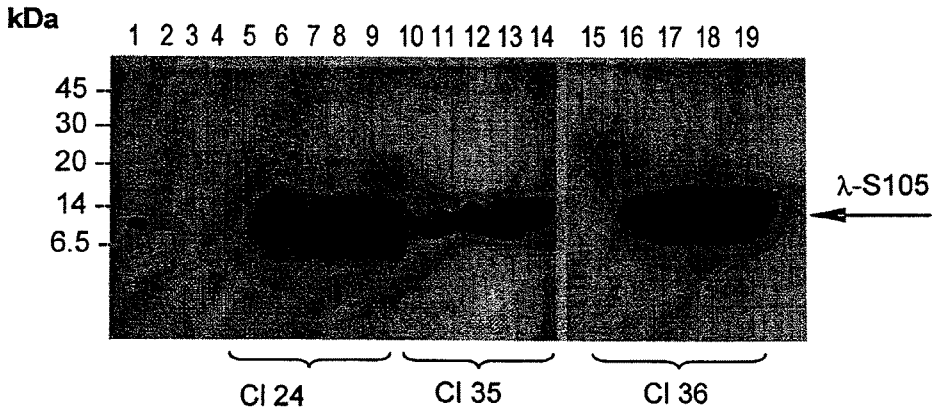

PvuII
ColE1ori
SV40 promoter
pUHD10.3-Hyg^r
amp^r
5450 bps
hygro^r
SV40 poly (A)
7tetO+mCMV
MCS
PvuII
SV40 poly (A)

Fig. 6

A


kDa
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
45
30
20
14
6.5
λ-S105
Cl 24
Cl 35
Cl 36

B

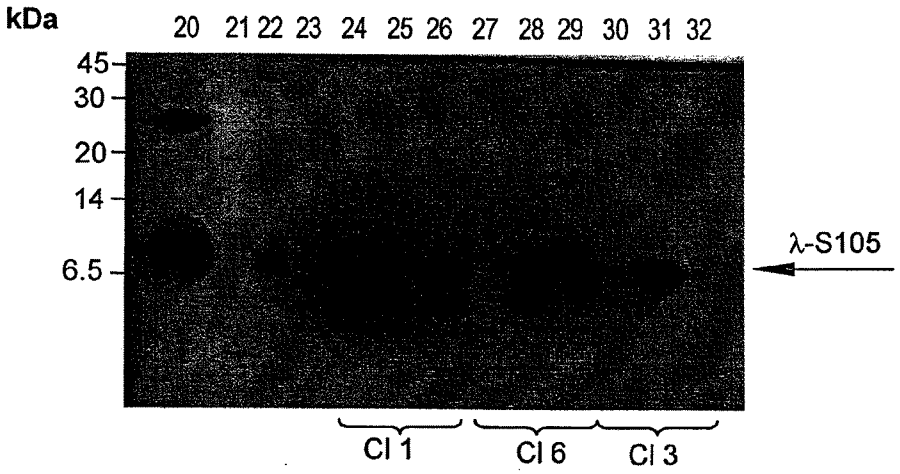
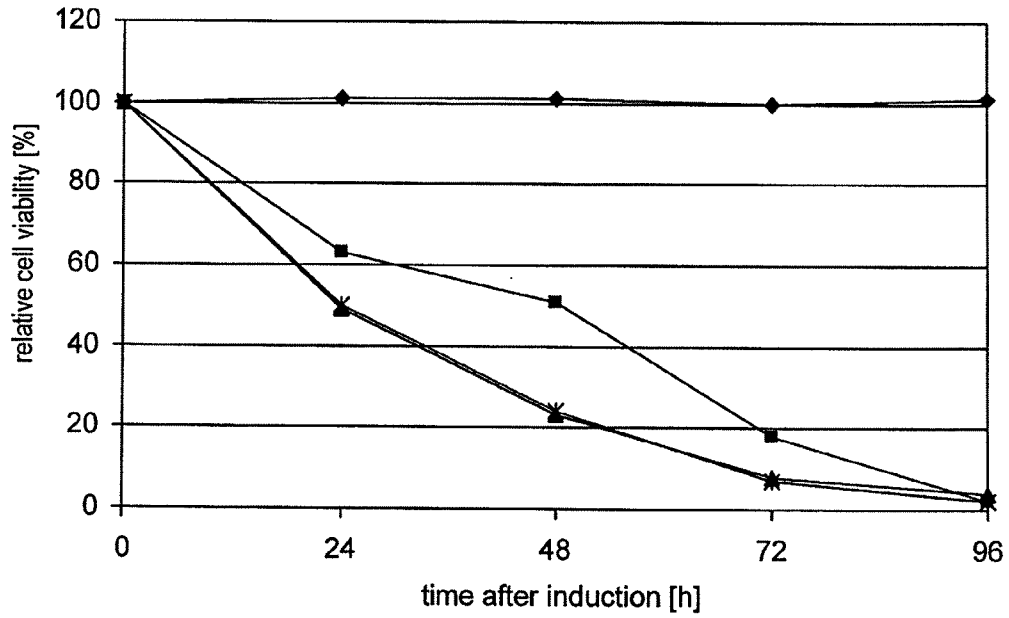

kDa
20 21 22 23 24 25 26 27 28 29 30 31 32
45
30
20
14
6.5
λ-S105
Cl 1
Cl 6
Cl 3

Fig. 7

A


120
100
80
60
40
20
0
relative cell viability [%]
0
24
48
72
96
time after induction [h]

B

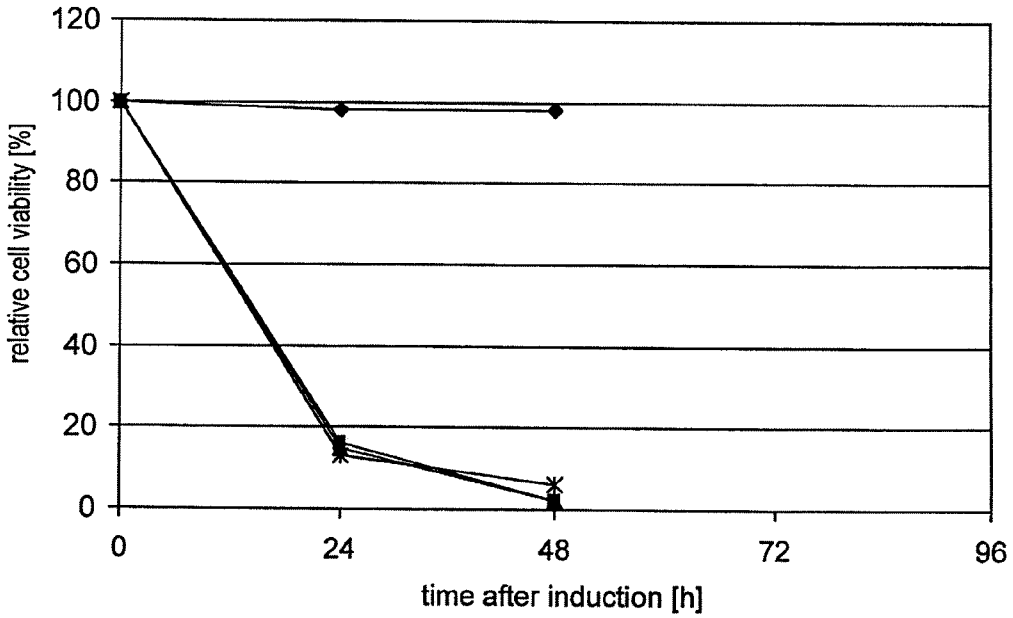
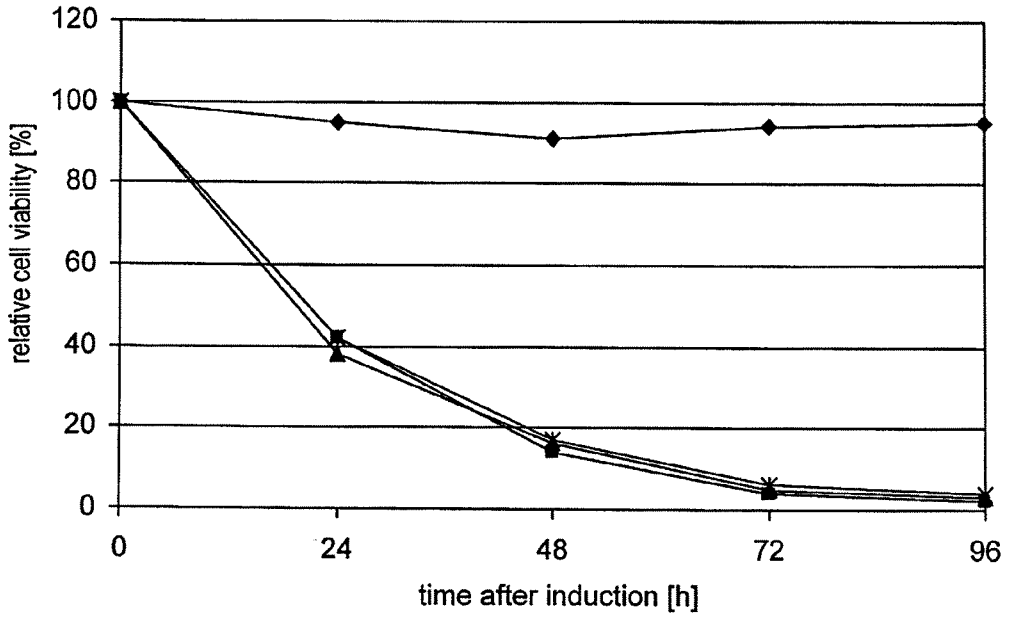

120
100
80
60
40
20
0
relative cell viability [%]
0
24
48
72
96
time after induction [h]

Fig. 8

A


120
100
80
60
40
20
0
relative cell viability [%]
0
24
48
72
96
time after induction [h]

B

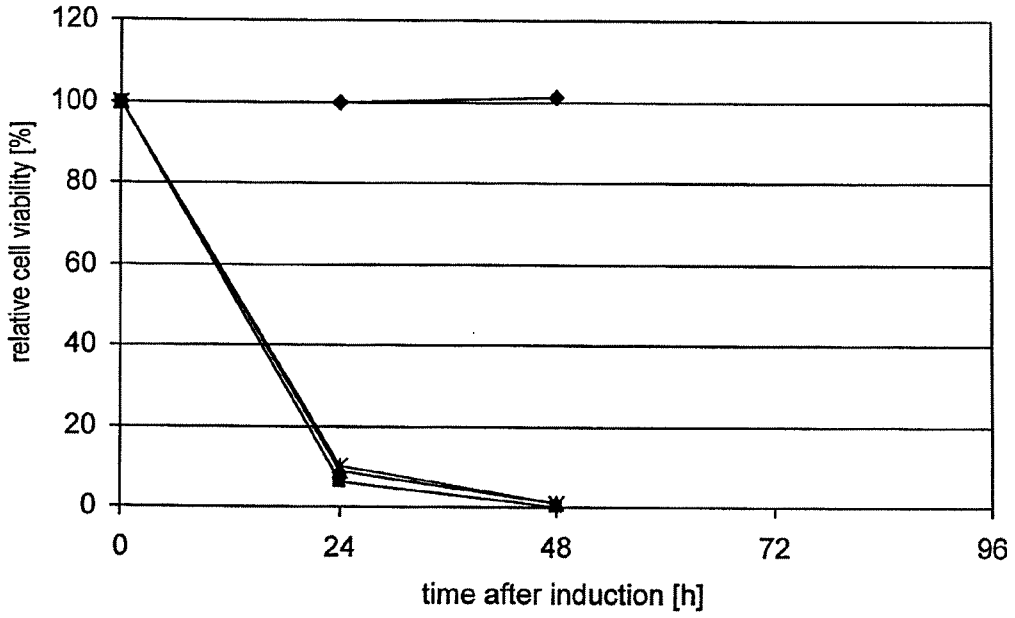

120
100
80
60
40
20
0
relative cell viability [%]
0
24
48
72
96
time after induction [h]

Fig. 9

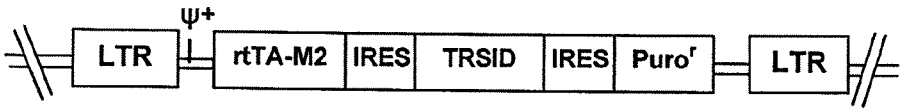
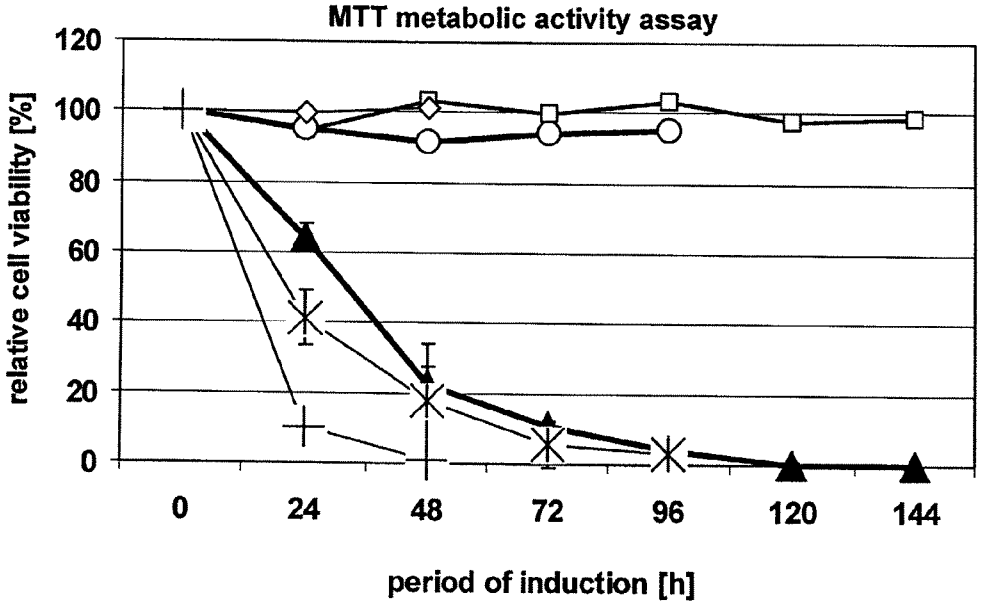

Ψ+
LTR
rtTA-M2
IRES
TRSID
IRES
Puro^r
LTR

Fig. 10


MTT metabolic activity assay
relative cell viability [%]
120
100
80
60
40
20
0
0
24
48
72
96
120
144
period of induction [h]

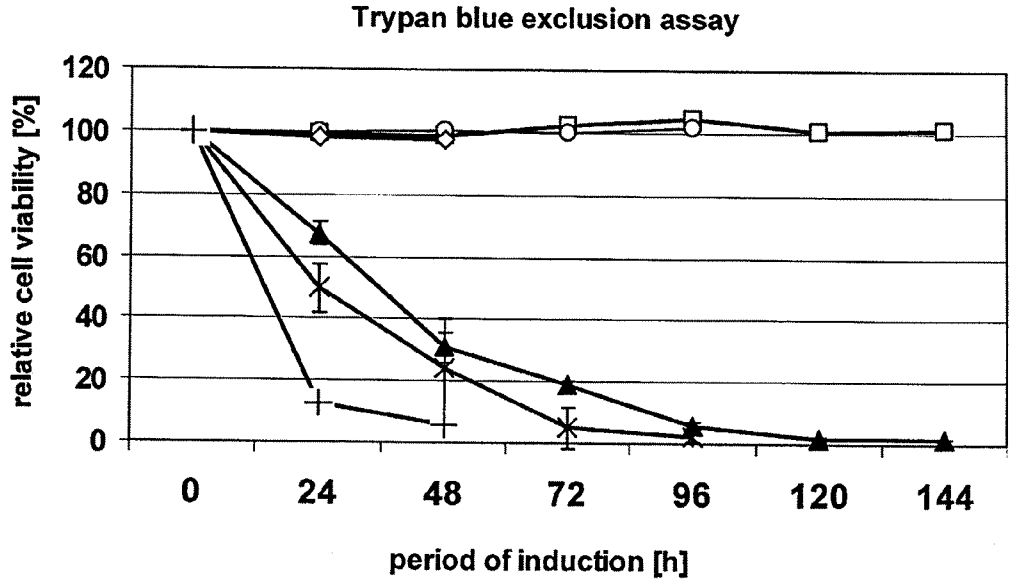
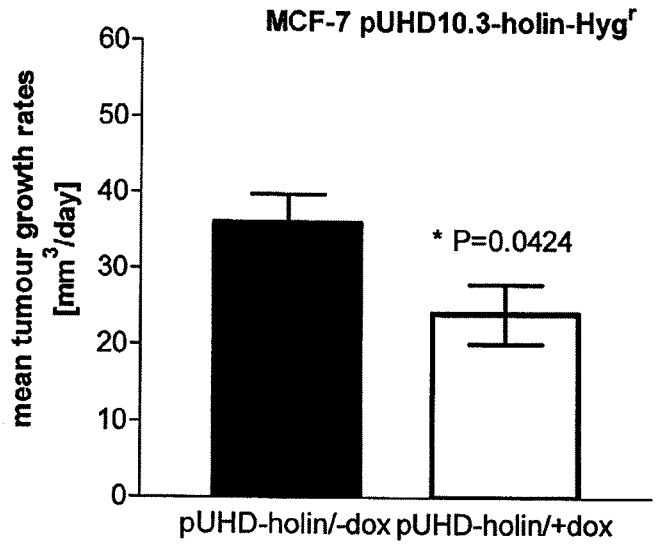

Trypan blue exclusion assay
relative cell viability [%]
120
100
80
60
40
20
0
0
24
48
72
96
120
144
period of induction [h]

Fig. 11

A


MCF-7 pUHD10.3-holin-Hygr
mean tumour growth rates [mm3/day]
60
50
40
30
20
10
0
* P=0.0424
pUHD-holin/-dox
pUHD-holin/+dox

B

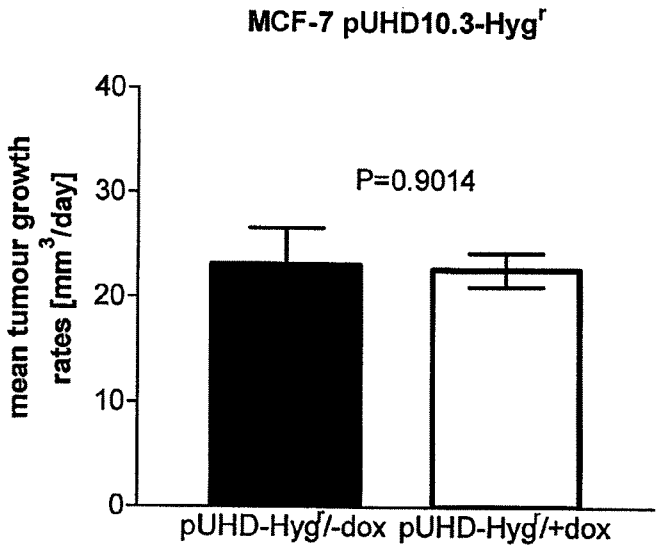
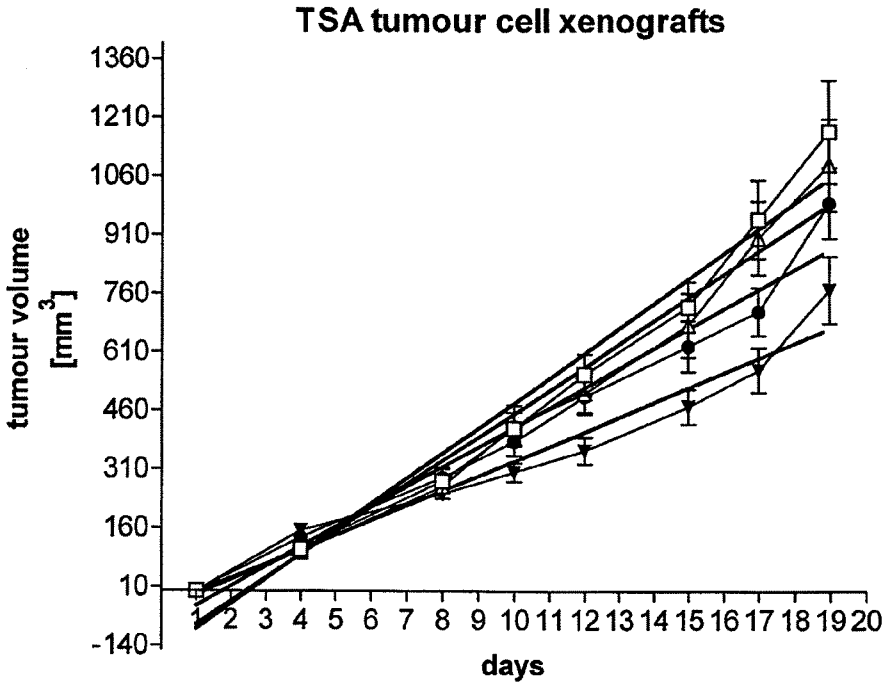

MCF-7 pUHD10.3-Hygr
mean tumour growth rates [mm3/day]
40
30
20
10
0
P=0.9014
pUHD-Hygr/-dox
pUHD-Hygr/+dox

Fig. 12

A


TSA tumour cell xenografts
tumour volume [mm3]
1360
1210
1060
910
760
610
460
310
160
10
-140
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
days

B

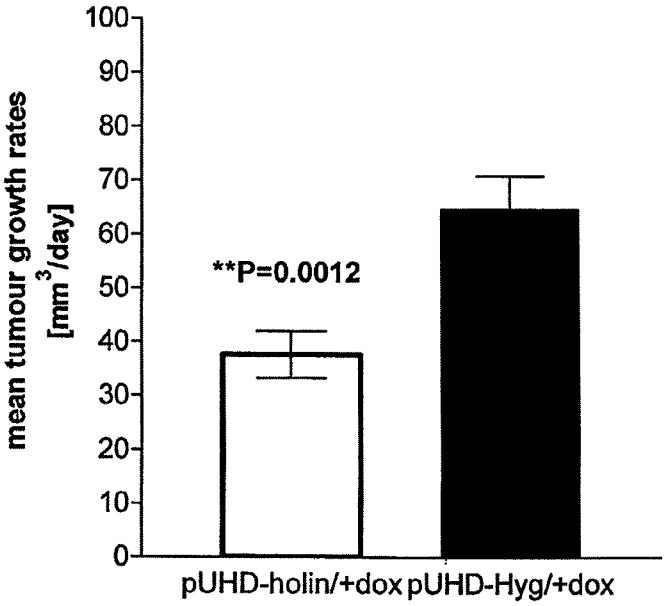

mean tumour growth rates [mm3/day]
100
90
80
70
60
50
40
30
20
10
0
**P=0.0012
pUHD-holin/+dox
pUHD-Hyg/+dox

Fig. 13

