Figure 1A

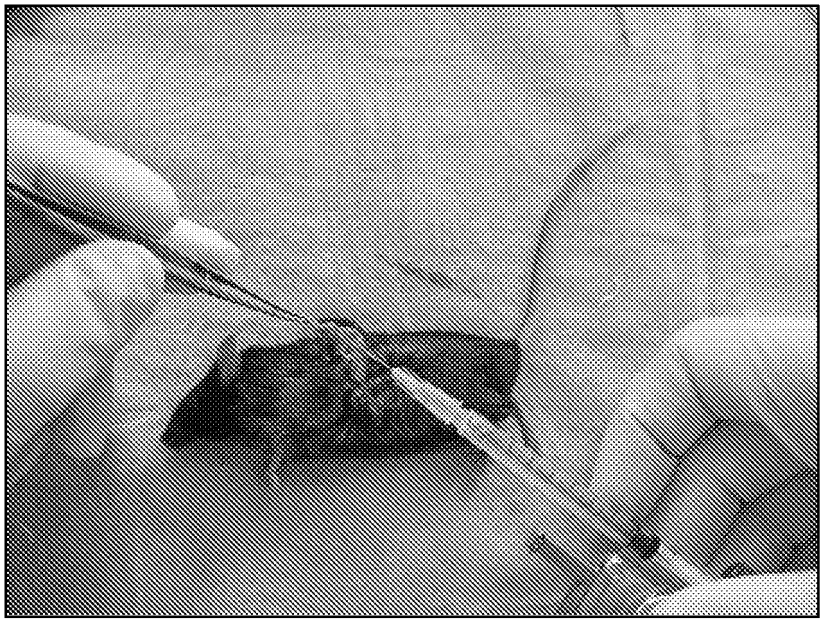


Figure 1B

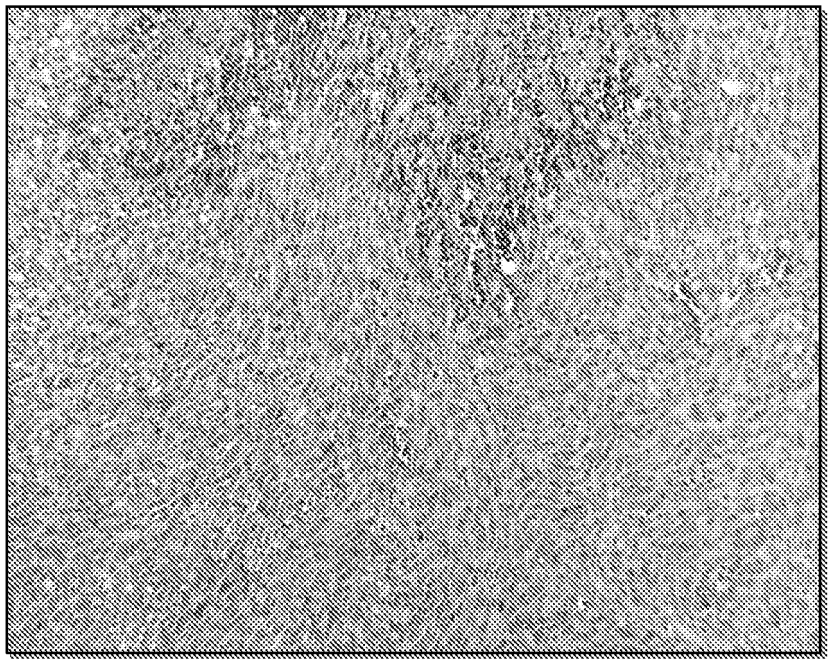


Figure 2

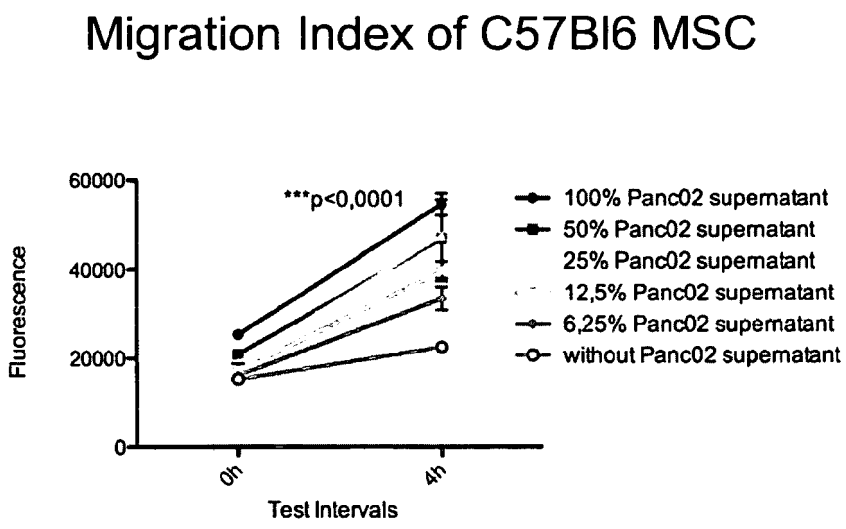

Migration Index of C57Bl6 MSC
***p<0,0001
Fluorescence
60000
40000
20000
0
0h
4h
Test Intervals
100% Panc02 supernatant
50% Panc02 supernatant
25% Panc02 supernatant
12,5% Panc02 supernatant
6,25% Panc02 supernatant
without Panc02 supernatant

Figure 3

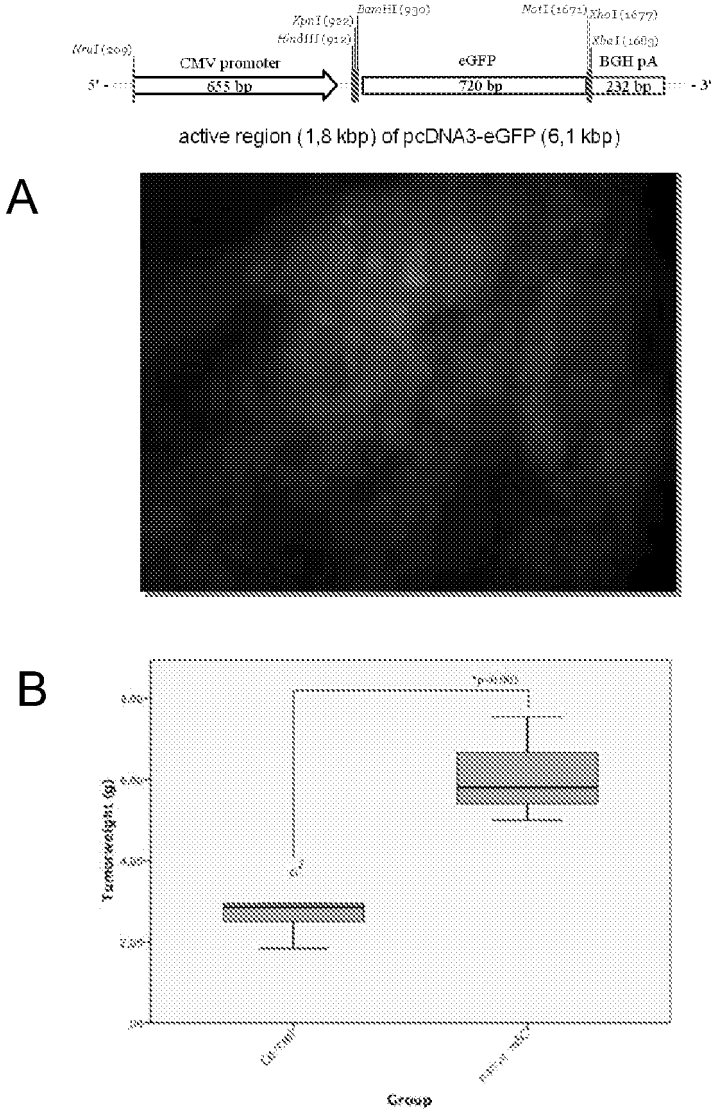
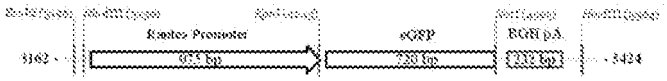
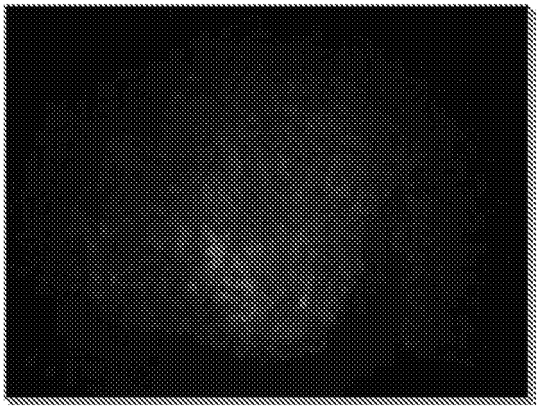

KpnI(922)
BamHI(930)
NotI(1675)
XhoI(1677)
HindIII(912)
XbaI(1689)
MluI(209)
CMV promoter
eGFP
BGH pA
5' -
655 bp
720 bp
232 bp
- 3'
active region (1,8 kbp) of pcDNA3-eGFP (6,1 kbp)
A
B
Tumor weight (g)
Group

Figure 4

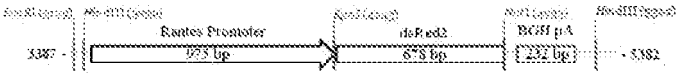
A



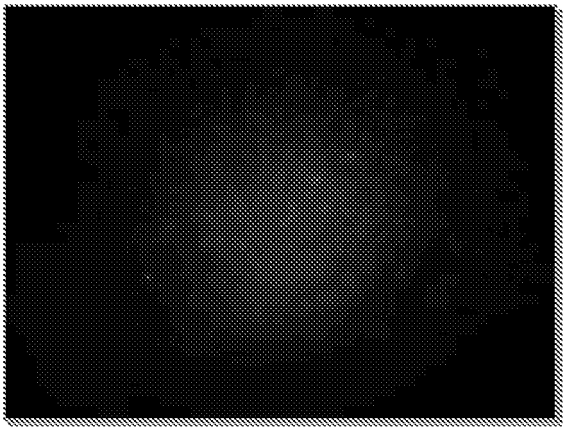
active region(2261bp) of pCMV/Bsd-RaPro-eGFP(5768 bp)



B



active region(2194 bp) of pCMV/Bsd-RaPro-RFP(5706 bp)



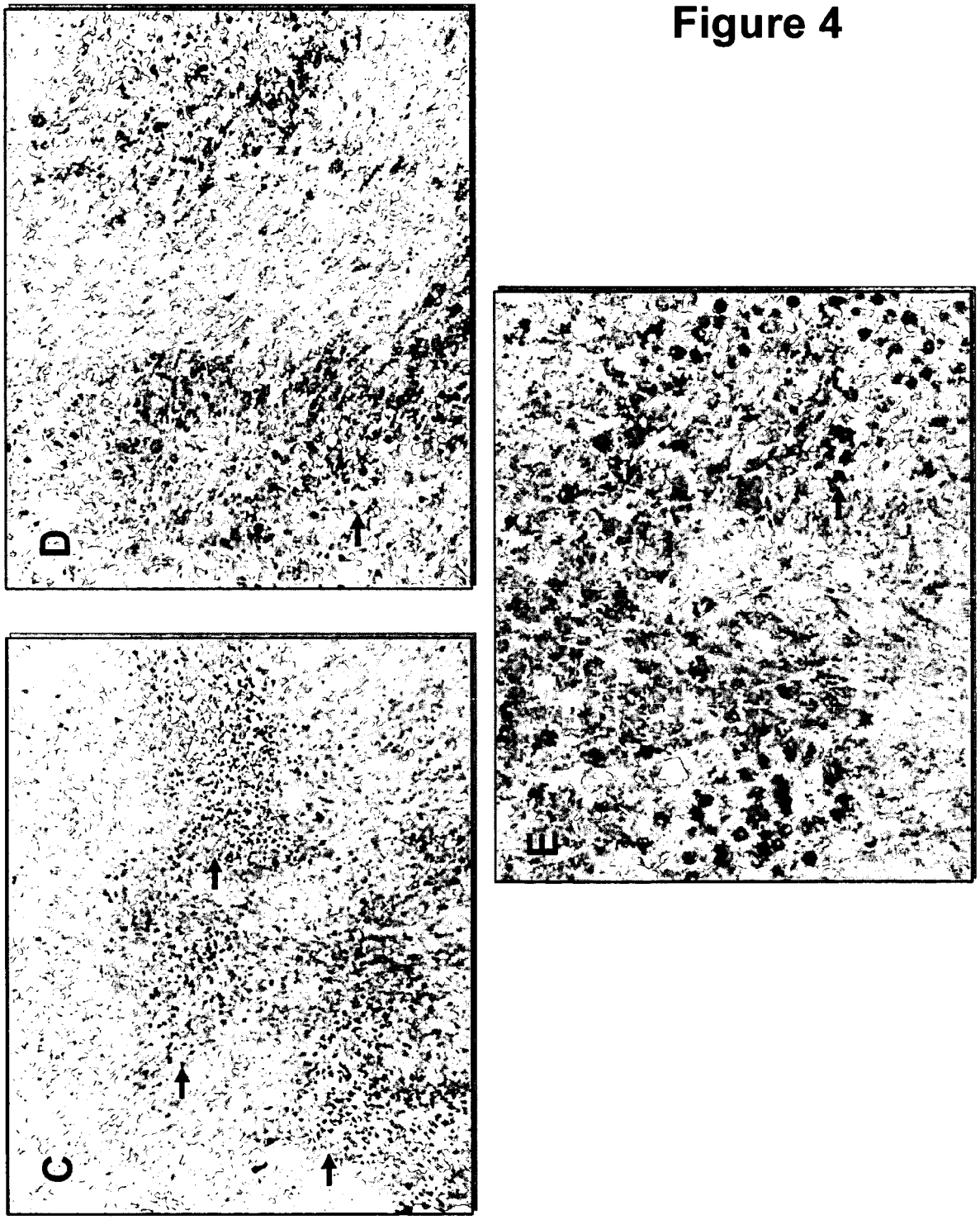
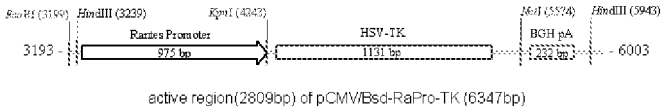


Figure 4

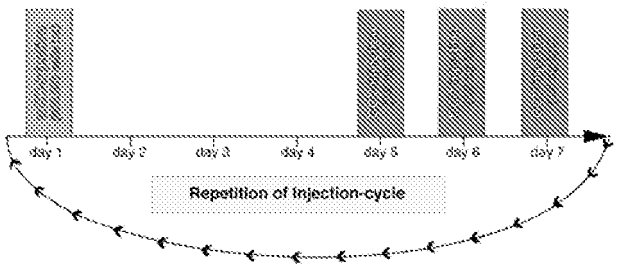
Figure 5

A

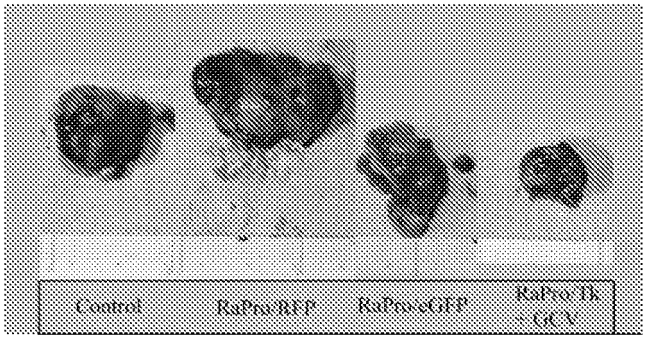


active region(2809bp) of pCMV/Bsd-RaPro-TK (6347bp)

B



C



D

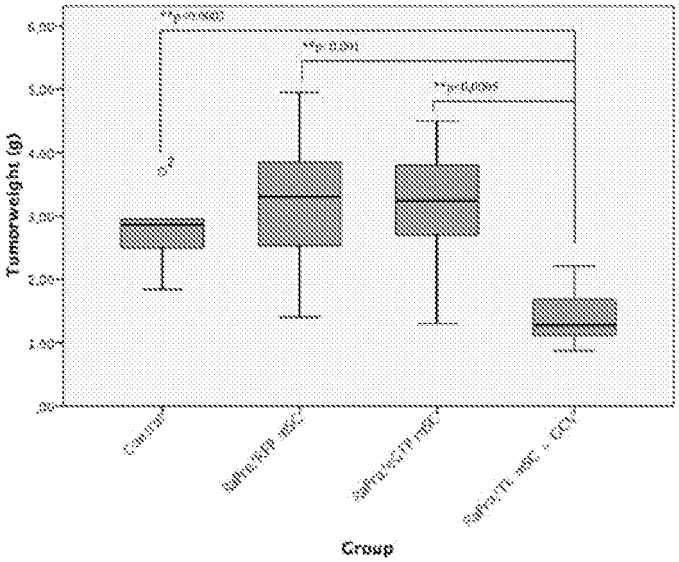
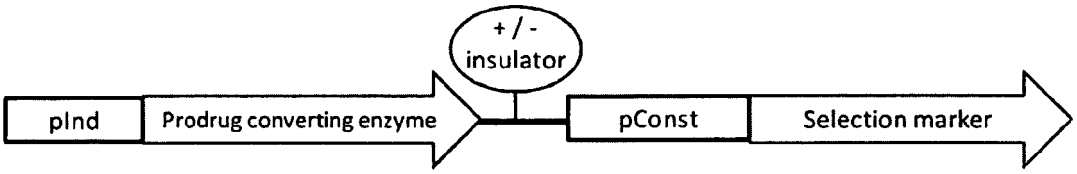


Figure 6



RAN TES	HSV-Thymidine kinase		pCAG	Puromycin resistance
Tie-2	Cytosine deaminase		EF1alpha	Neomycin resistance
			PGK	Ouabain resistance
			CMV	Hygromycine B
			SFFV	CD34

Figure 7

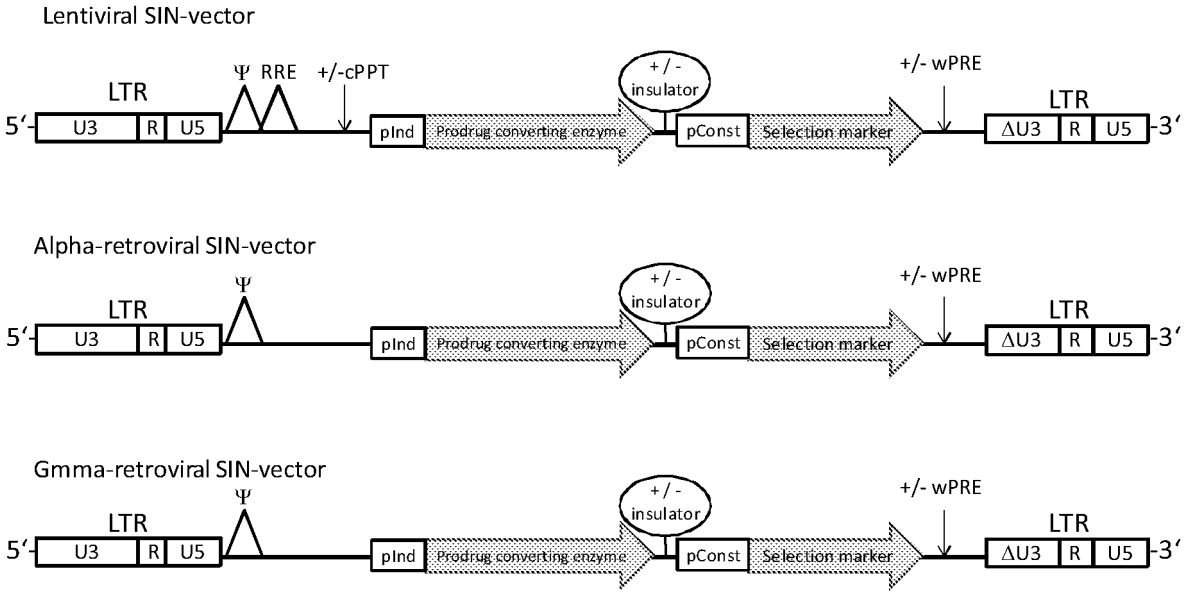

Lentiviral SIN-vector
LTR
Ψ
RRE
+/-cPPT
+/-
insulator
+/- wPRE
LTR
5'
U3
R
U5
pInd
Prodrug converting enzyme
pConst
Selection marker
ΔU3
R
U5
3'
Alpha-retroviral SIN-vector
LTR
Ψ
+/-
insulator
+/- wPRE
LTR
5'
U3
R
U5
pInd
Prodrug converting enzyme
pConst
Selection marker
ΔU3
R
U5
3'
Gmma-retroviral SIN-vector
LTR
Ψ
+/-
insulator
+/- wPRE
LTR
5'
U3
R
U5
pInd
Prodrug converting enzyme
pConst
Selection marker
ΔU3
R
U5
3'

Figure 8

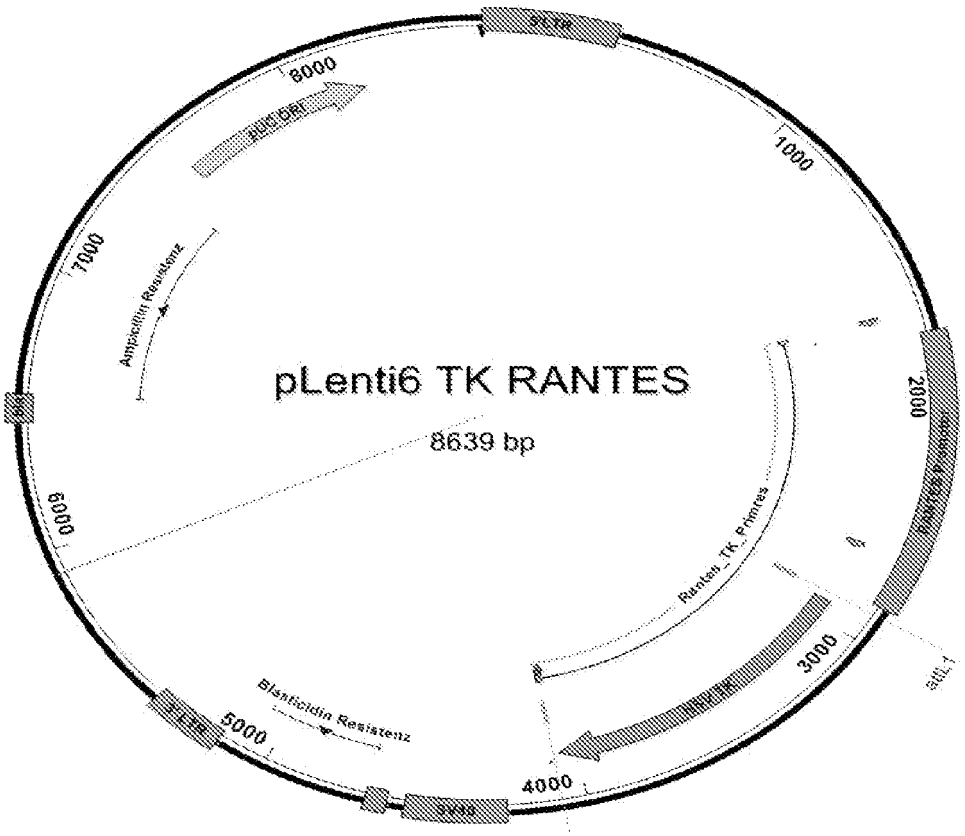

pLenti6 TK RANTES
8639 bp
1000
2000
3000
4000
5000
6000
7000
8000
Ampicillin Resistenz
Blasticidin Resistenz
Rantes_TK_Primer

Figure 9

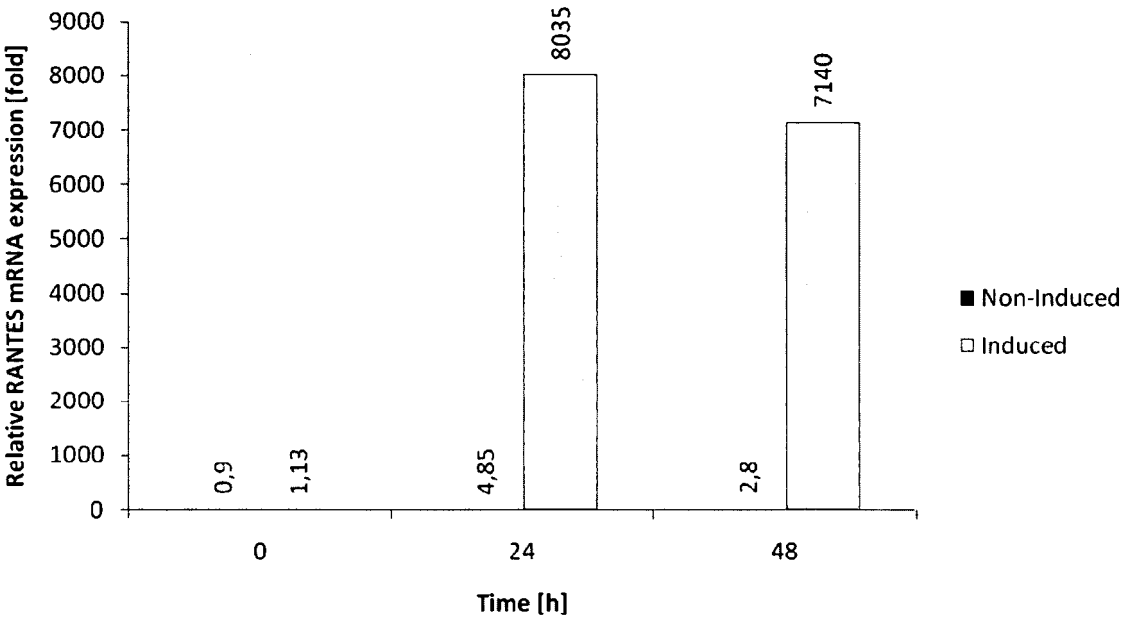
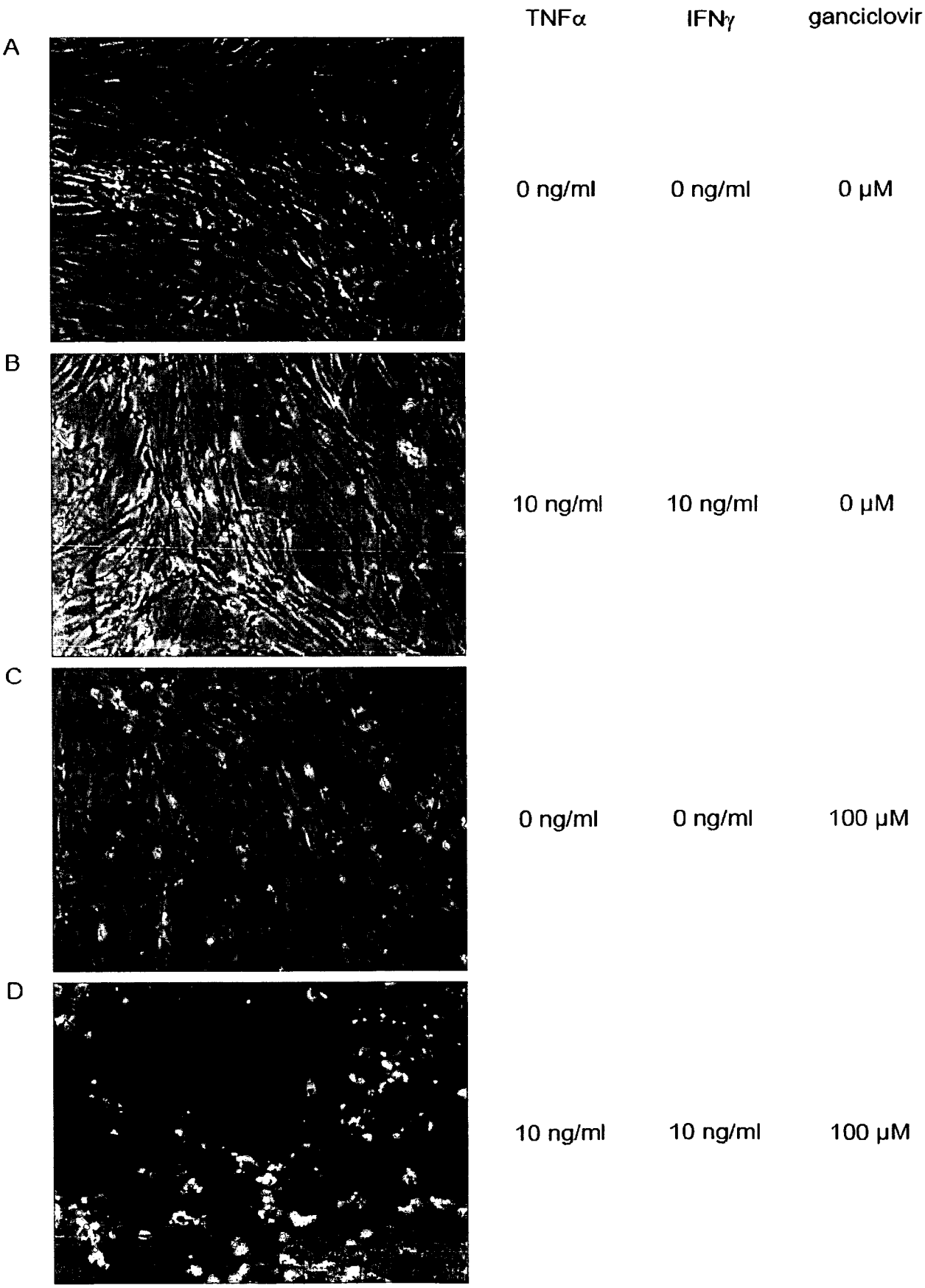

Relative RANTES mRNA expression [fold]
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0,9
1,13
4,85
8035
2,8
7140
0
24
48
Time [h]
Non-Induced
Induced

Figure 10


TNFα
IFNγ
ganciclovir
A
0 ng/ml
0 ng/ml
0 µM
B
10 ng/ml
10 ng/ml
0 µM
C
0 ng/ml
0 ng/ml
100 µM
D
10 ng/ml
10 ng/ml
100 µM