Fig 1

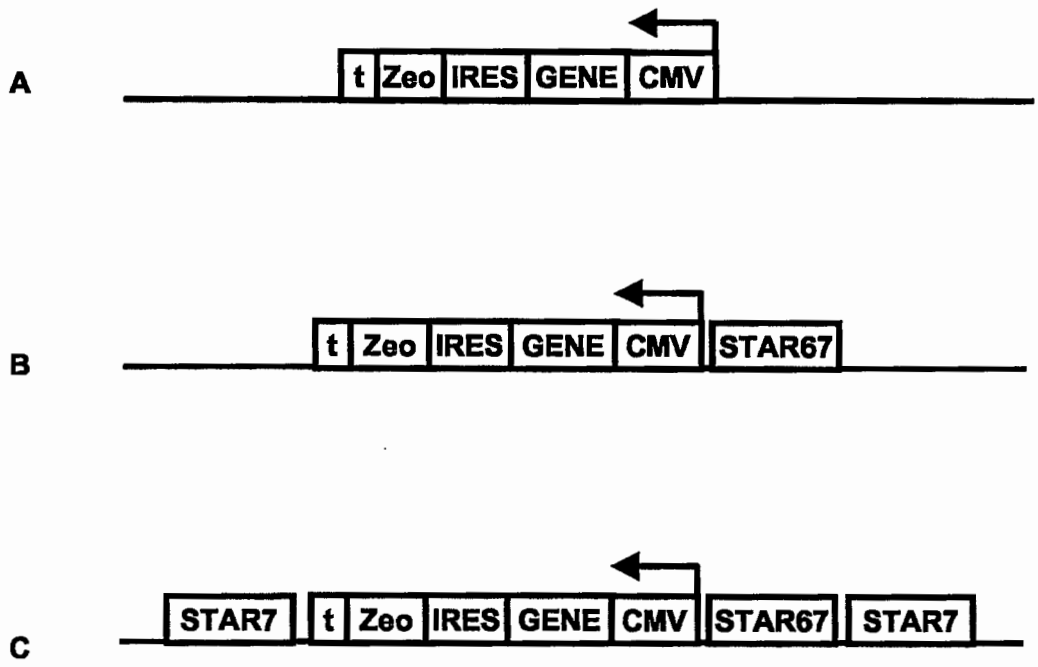
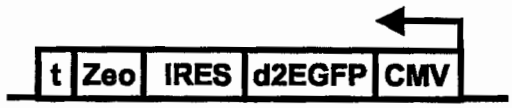
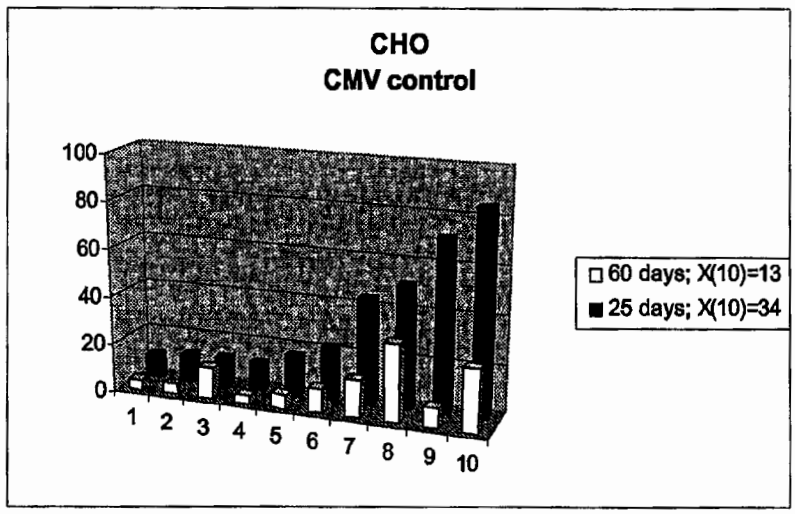

A
t
Zeo
IRES
GENE
CMV
B
t
Zeo
IRES
GENE
CMV
STAR67
C
STAR7
t
Zeo
IRES
GENE
CMV
STAR67
STAR7

Fig 2

A


t
Zeo
IRES
d2EGFP
CMV


CHO
CMV control
100
80
60
40
20
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=13
25 days; X(10)=34

B


t
Zeo
IRES
d2EGFP
CMV
STAR67

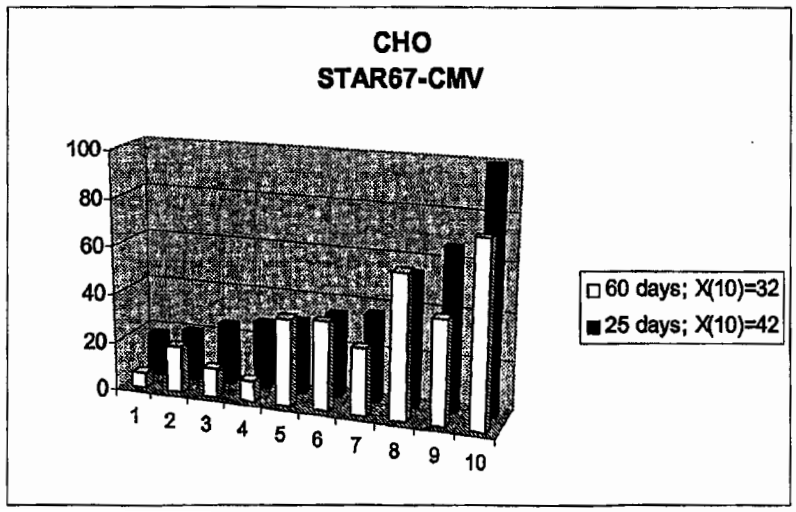
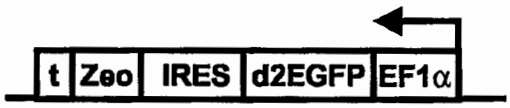
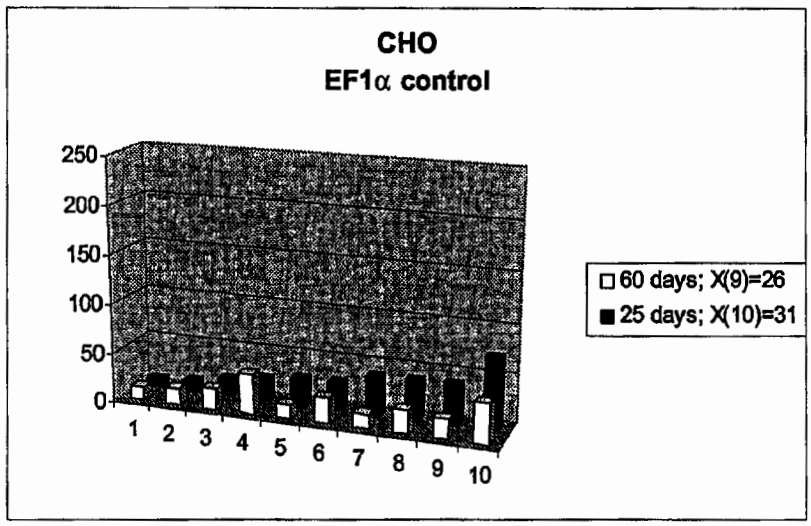

CHO
STAR67-CMV
100
80
60
40
20
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=32
25 days; X(10)=42

Fig 3

A


t
Zeo
IRES
d2EGFP
EF1α


CHO
EF1α control
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10
60 days; X(9)=26
25 days; X(10)=31

B


t
Zeo
IRES
d2EGFP
EF1α
STAR67

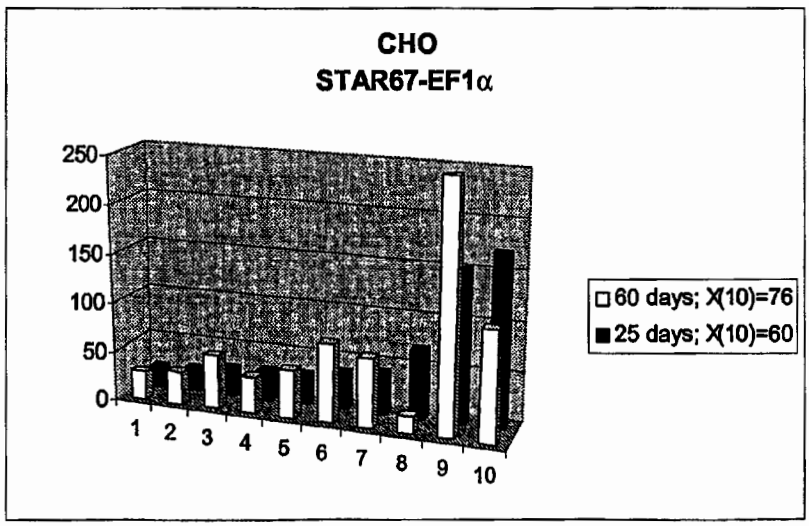
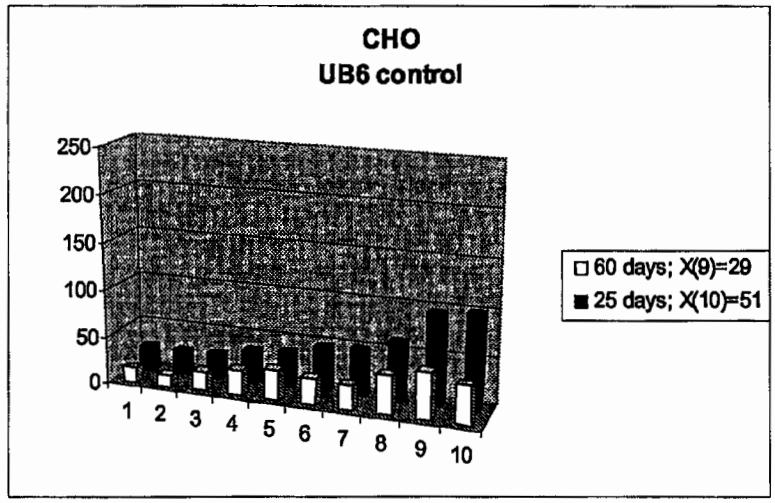

CHO
STAR67-EF1α
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=76
25 days; X(10)=60

Fig 4

A


t
Zeo
IRES
d2EGFP
UB6


CHO
UB6 control
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10
60 days; X(9)=29
25 days; X(10)=51

B


t
Zeo
IRES
d2EGFP
UB6
STAR67

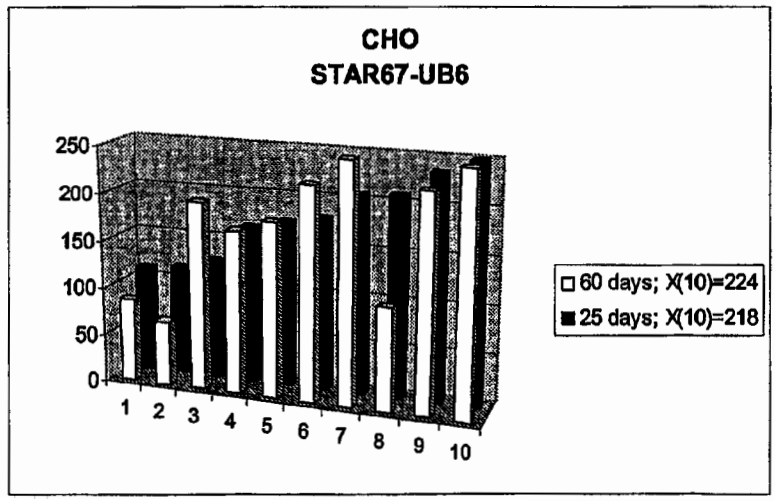
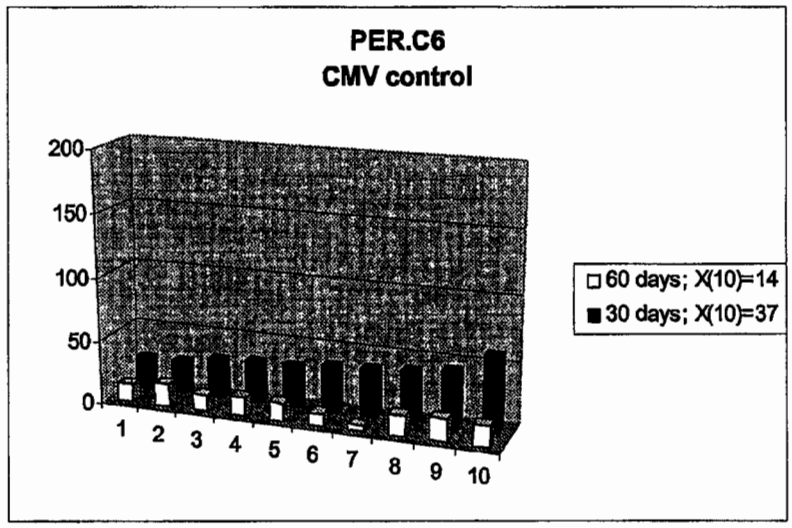

CHO
STAR67-UB6
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=224
25 days; X(10)=218

Fig 5

A


t
Zeo
IRES
d2EGFP
CMV


PER.C6
CMV control
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=14
30 days; X(10)=37

B


t
Zeo
IRES
d2EGFP
CMV
STAR67

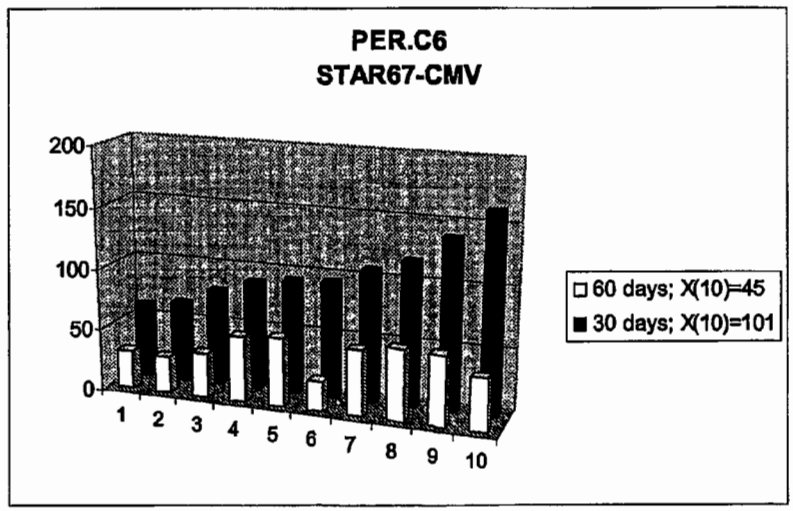
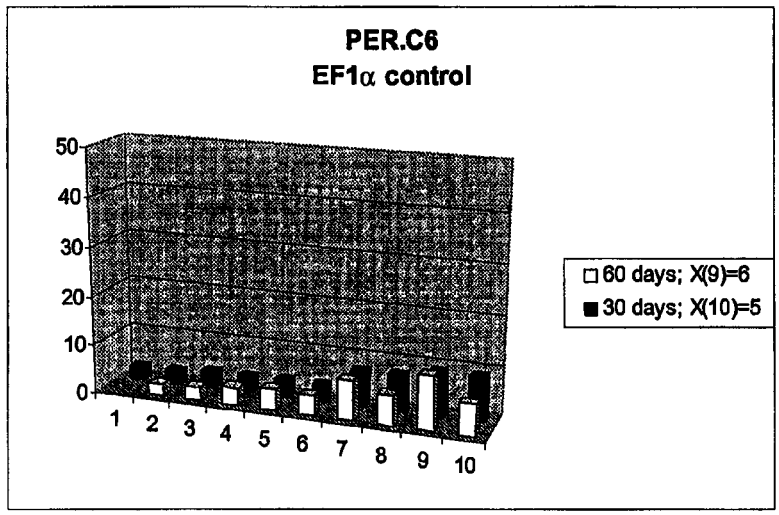

PER.C6
STAR67-CMV
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=45
30 days; X(10)=101

Fig 6

A


t
Zeo
IRES
d2EGFP
EF1α


PER.C6
EF1α control
50
40
30
20
10
0
1 2 3 4 5 6 7 8 9 10
60 days; X(9)=6
30 days; X(10)=5

B


t
Zeo
IRES
d2EGFP
EF1α
STAR67

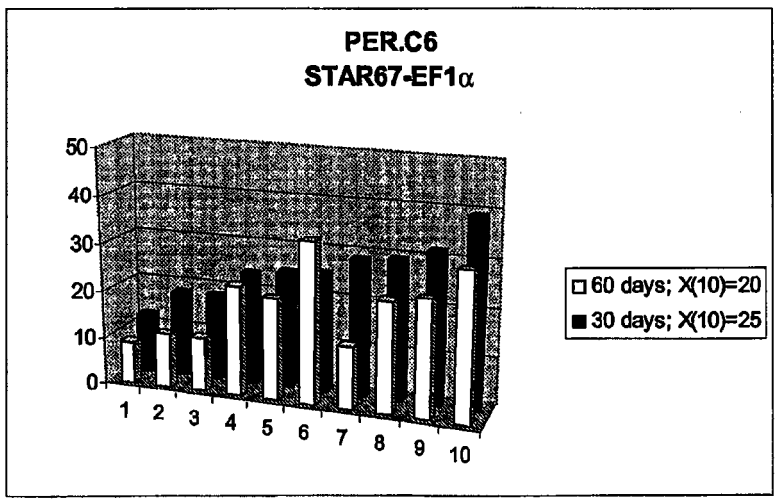
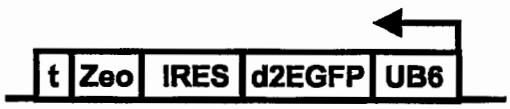
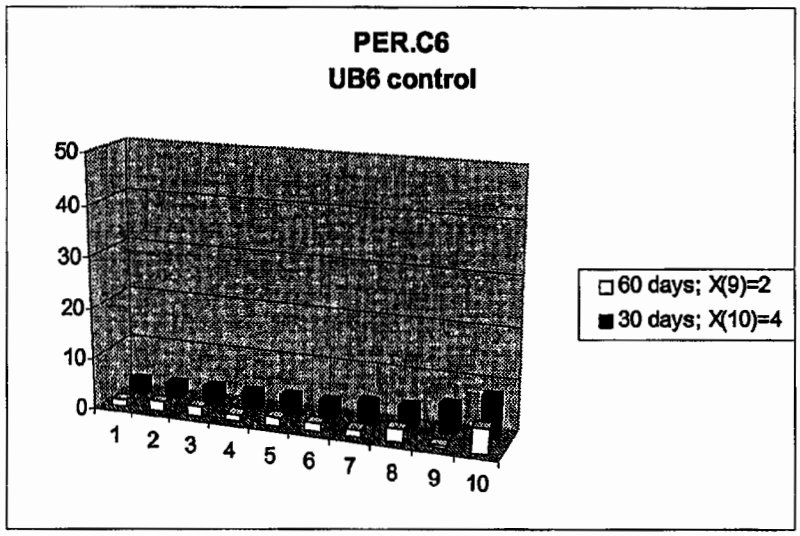

PER.C6
STAR67-EF1α
50
40
30
20
10
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=20
30 days; X(10)=25

Fig 7

A


t
Zeo
IRES
d2EGFP
UB6


PER.C6
UB6 control
50
40
30
20
10
0
1 2 3 4 5 6 7 8 9 10
60 days; X(9)=2
30 days; X(10)=4

B


t
Zeo
IRES
d2EGFP
UB6
STAR67

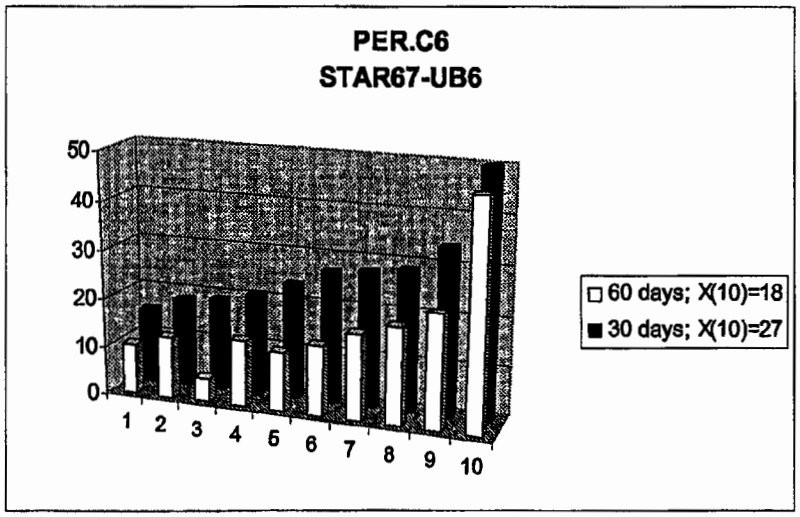

PER.C6
STAR67-UB6
50
40
30
20
10
0
1 2 3 4 5 6 7 8 9 10
60 days; X(10)=18
30 days; X(10)=27

Fig 8

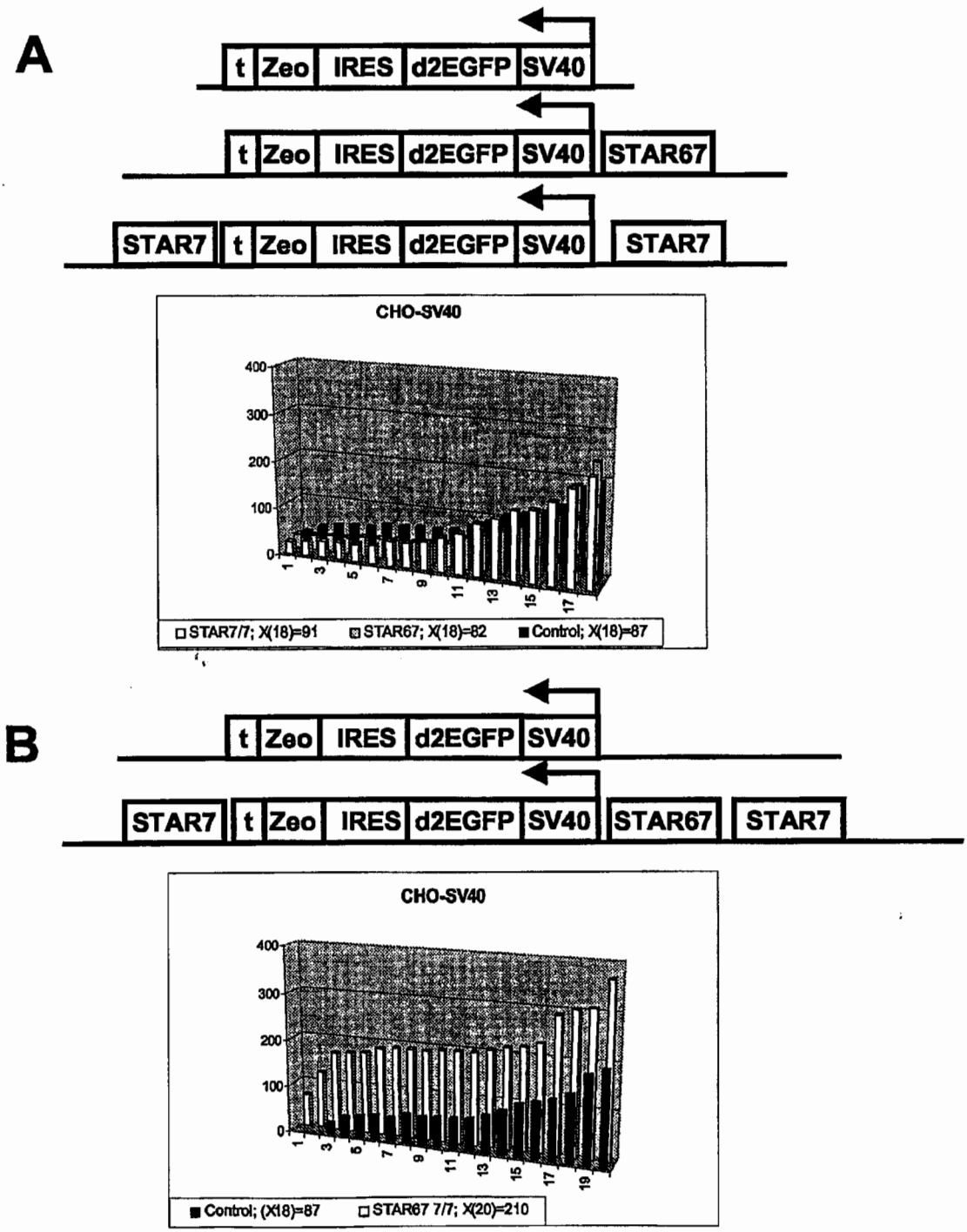
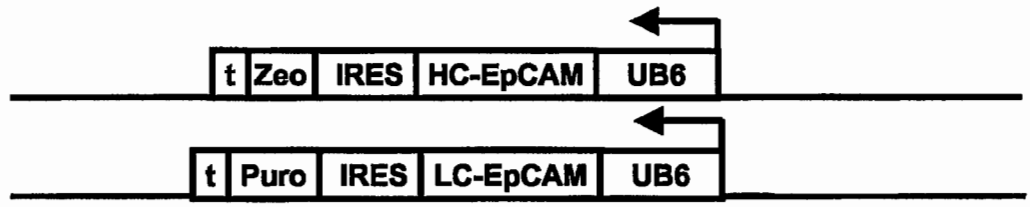
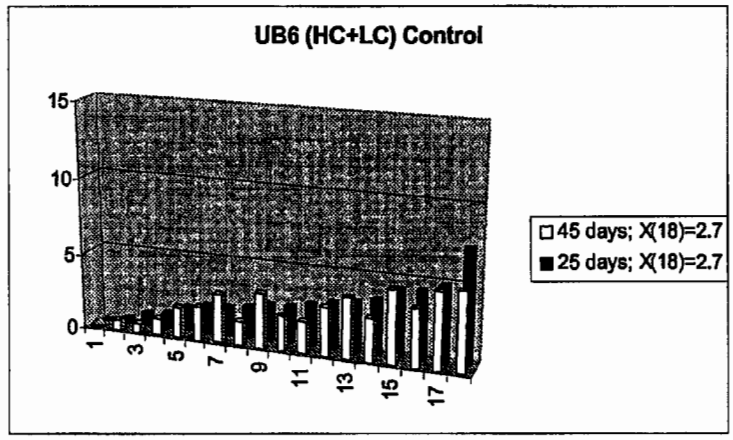

A
t
Zeo
IRES
d2EGFP
SV40
STAR67
STAR7
CHO-SV40
400
300
200
100
0
1
3
5
7
9
11
13
15
17
STAR7/7; X(18)=91
STAR67; X(18)=82
Control; X(18)=87
B
19
Control; (X18)=87
STAR67 7/7; X(20)=210

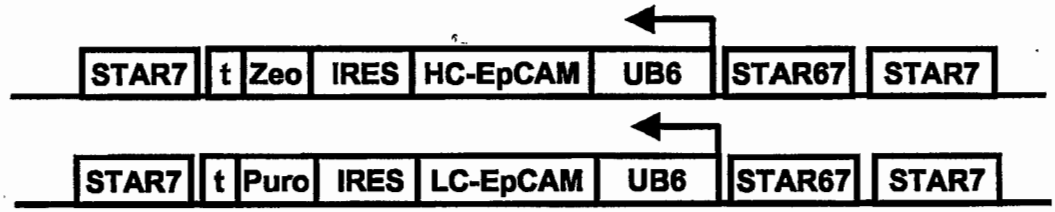
Fig 9

A


t
Zeo
IRES
HC-EpCAM
UB6
t
Puro
IRES
LC-EpCAM
UB6


UB6 (HC+LC) Control
15
10
5
0
1
3
5
7
9
11
13
15
17
45 days; X(18)=2.7
25 days; X(18)=2.7

B


STAR7
t
Zeo
IRES
HC-EpCAM
UB6
STAR67
STAR7
STAR7
t
Puro
IRES
LC-EpCAM
UB6
STAR67
STAR7

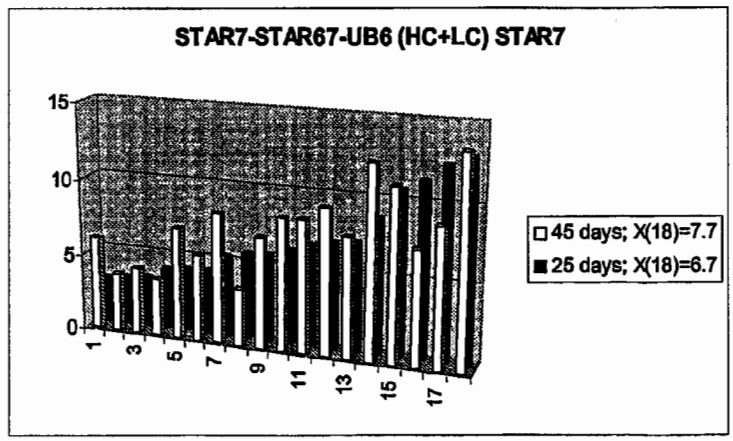

STAR7-STAR67-UB6 (HC+LC) STAR7
15
10
5
0
1
3
5
7
9
11
13
15
17
45 days; X(18)=7.7
25 days; X(18)=6.7

Fig 10

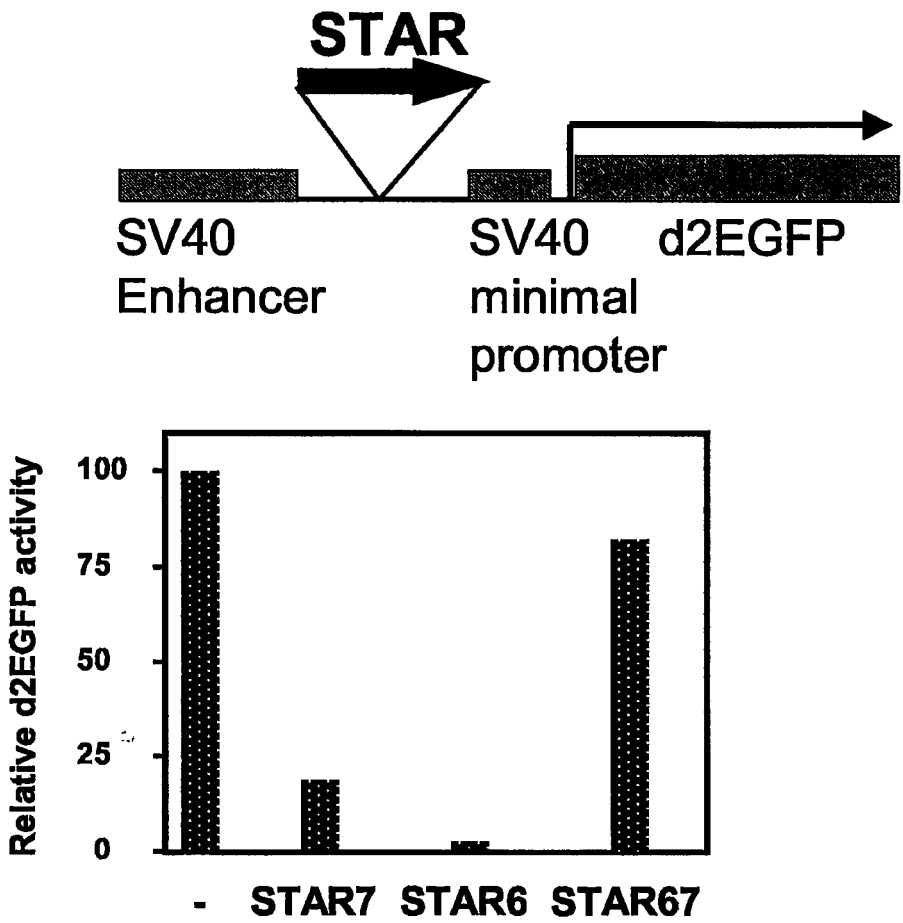
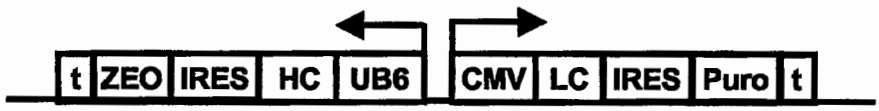
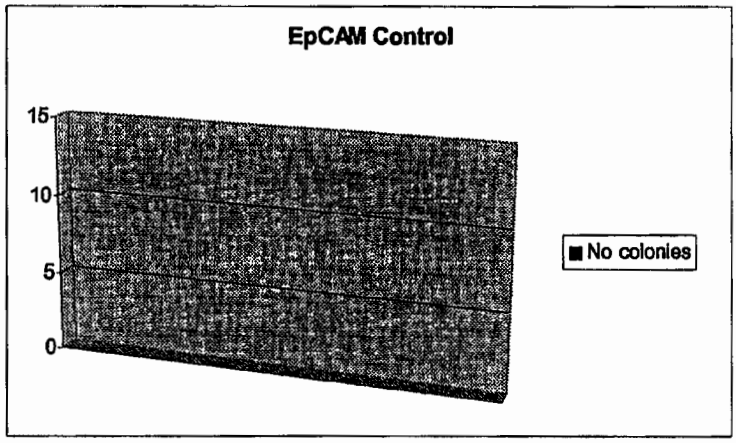

STAR
SV40
Enhancer
SV40
minimal
promoter
d2EGFP
Relative d2EGFP activity
100
75
50
25
0
-
STAR7
STAR6
STAR67

Fig 11

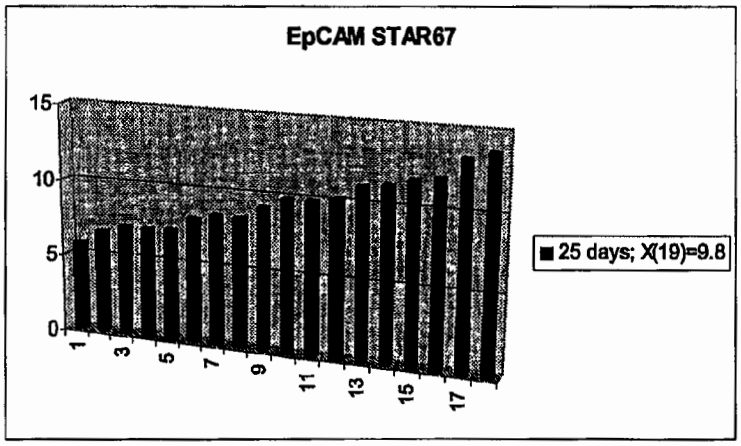
A


t
ZEO
IRES
HC
UB6
CMV
LC
IRES
Puro
t


EpCAM Control
15
10
5
0
No colonies

B


t
ZEO
IRES
HC
UB6
STAR67
CMV
LC
IRES
Puro
t


EpCAM STAR67
15
10
5
0
1
3
5
7
9
11
13
15
17
25 days; X(19)=9.8