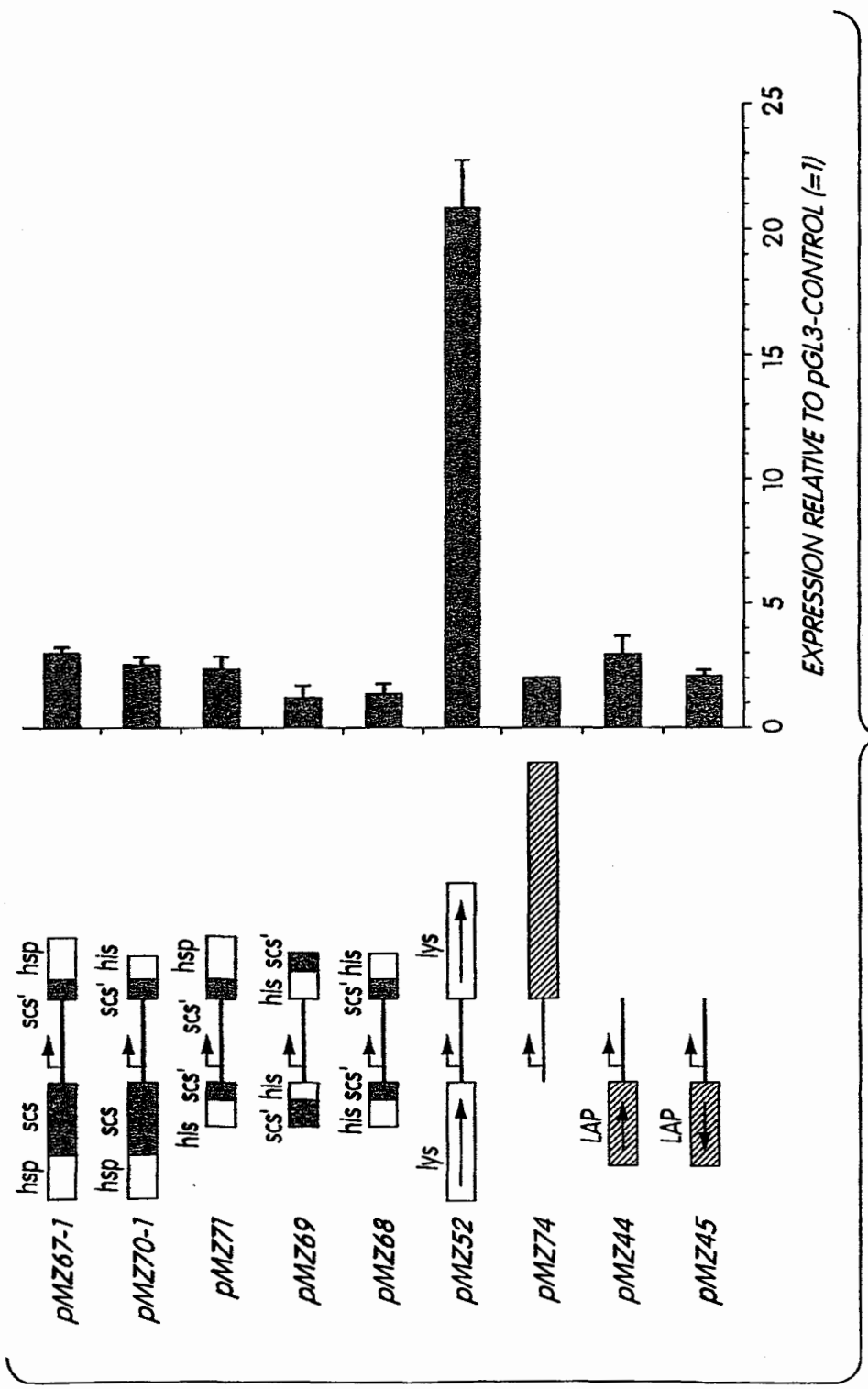

pMZ67-1
hsp scs scs' hsp
pMZ70-1
hsp scs scs' his
pMZ71
his scs' scs' hsp
pMZ69
scs' his his scs'
pMZ68
his scs' scs' his
pMZ52
lys lys
pMZ74
pMZ44
LAP
pMZ45
LAP
0 5 10 15 20 25
EXPRESSION RELATIVE TO pGL3-CONTROL (=1)

Fig. 1

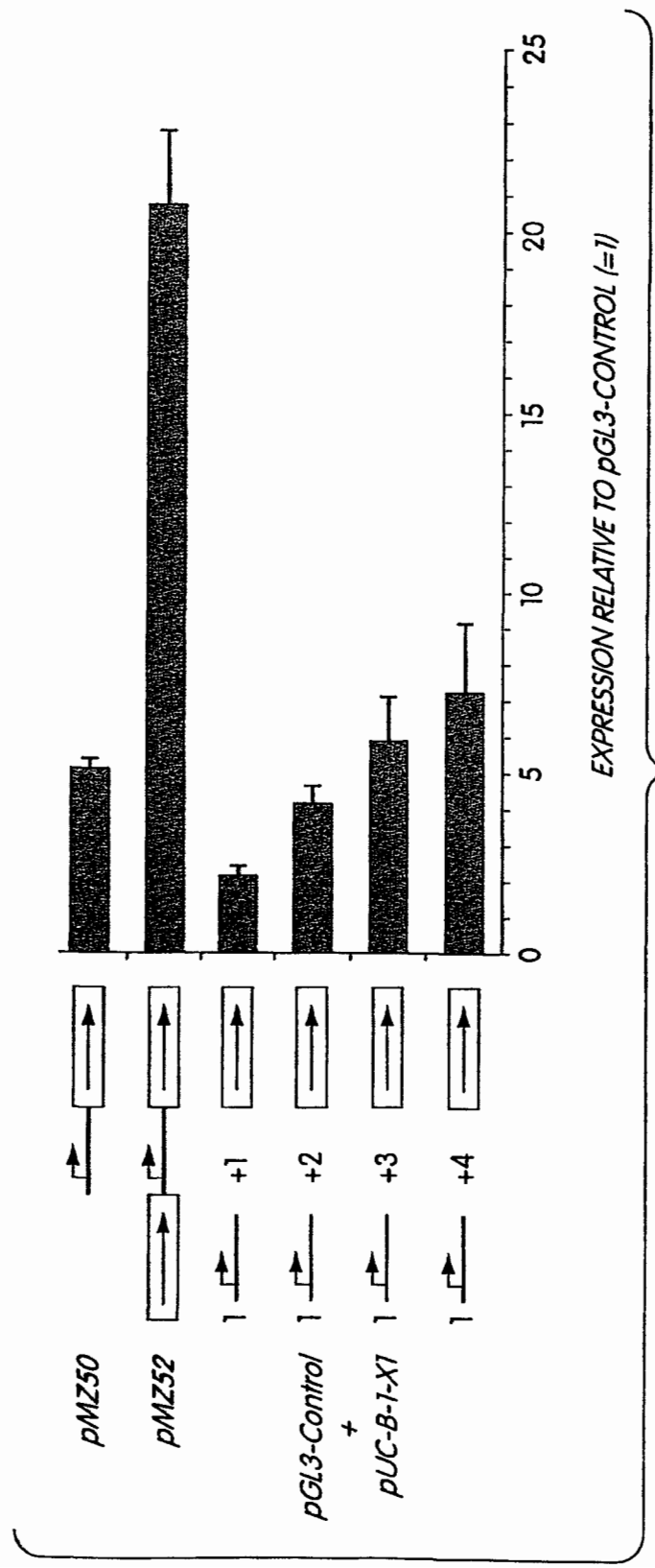

pMZ50
pMZ52
pGL3-Control + pUC-B-1-X1
1
+1
+2
+3
+4
0
5
10
15
20
25
EXPRESSION RELATIVE TO pGL3-CONTROL (=1)

Fig. 2

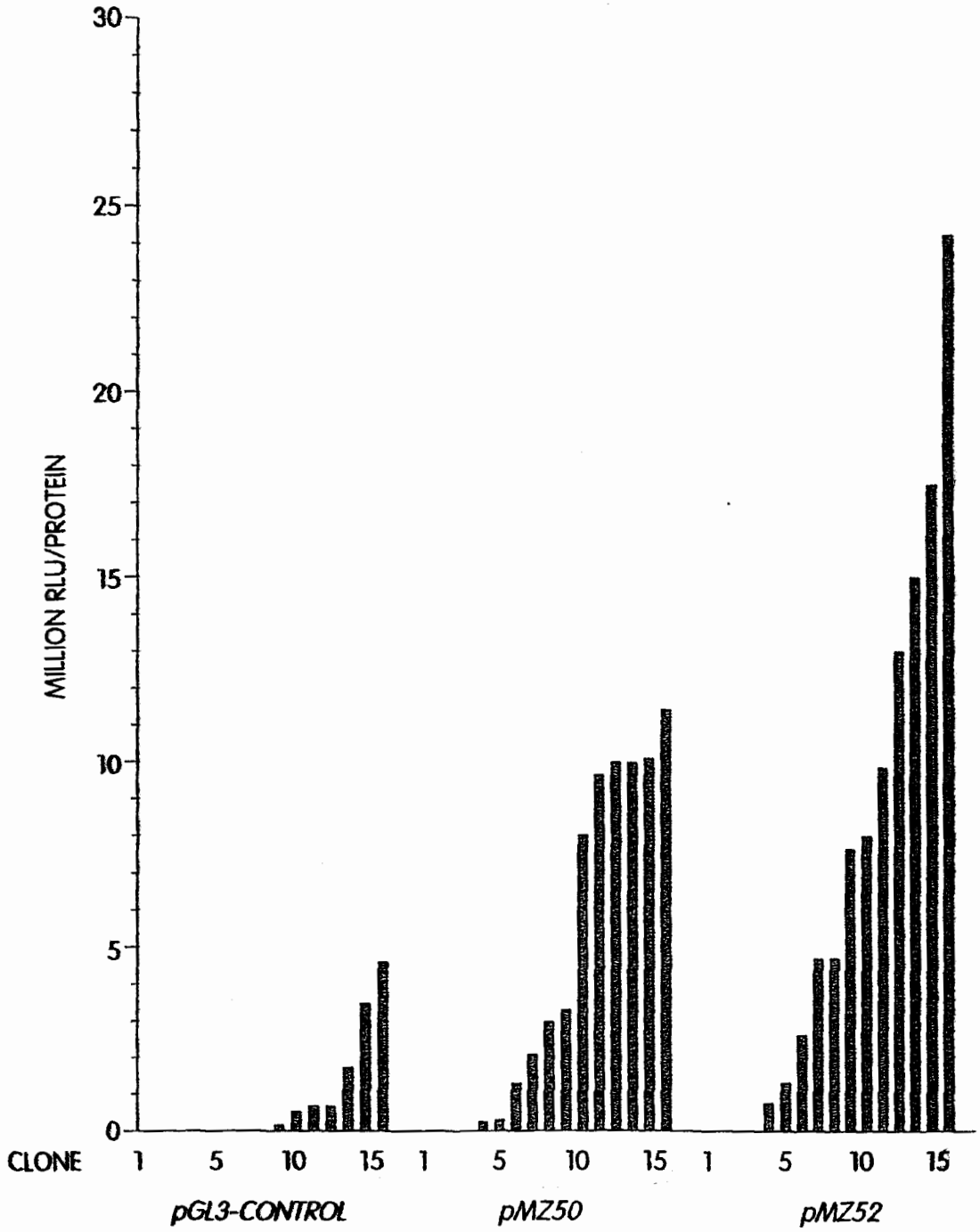

30
25
20
15
10
5
0
MILLION RLU/PROTEIN
CLONE
1
5
10
15
1
5
10
15
1
5
10
15
pGL3-CONTROL
pMZ50
pMZ52

Fig. 3A

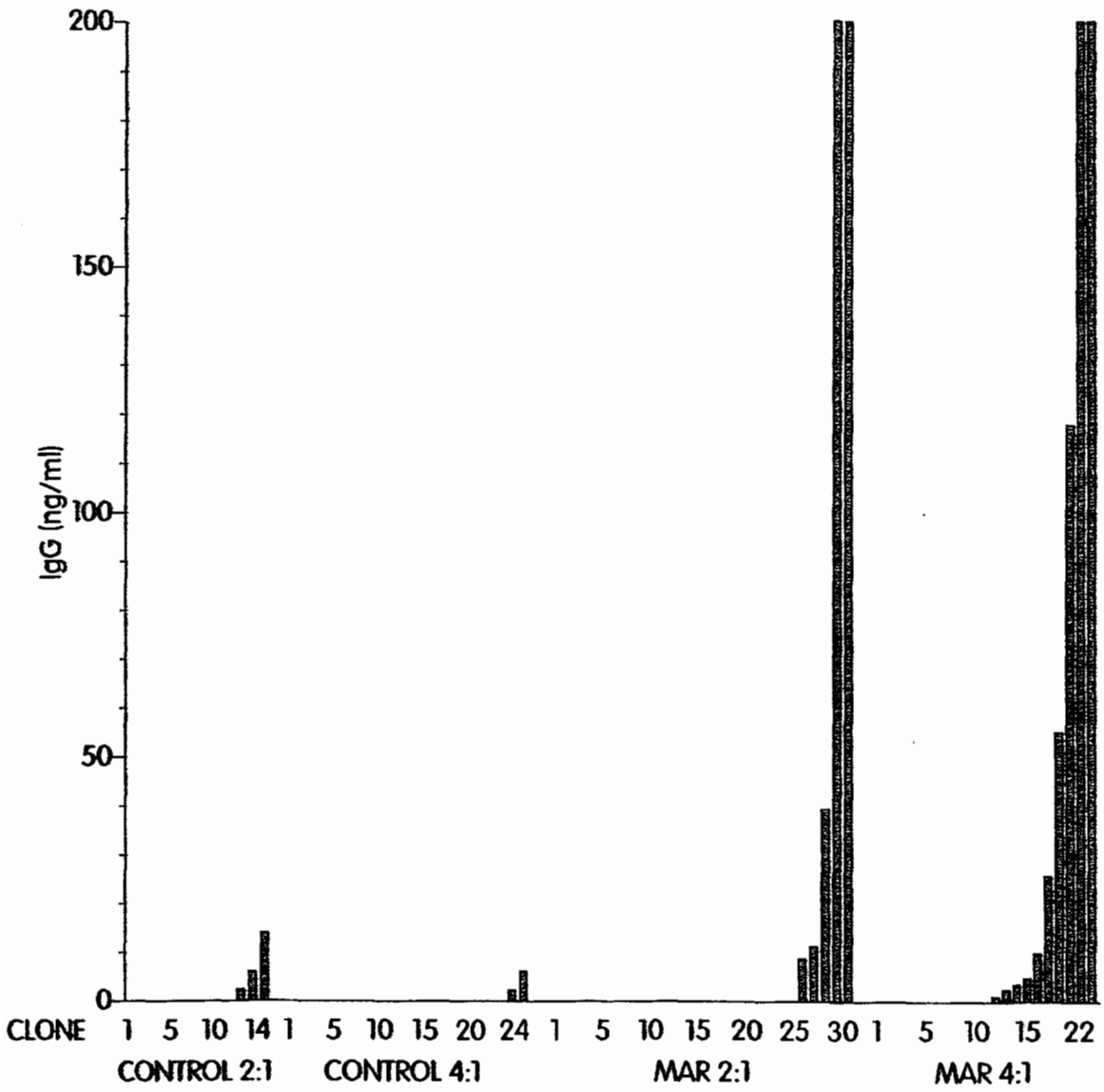

200
150
100
50
0
IgG (ng/ml)
CLONE 1 5 10 14 1 5 10 15 20 24 1 5 10 15 20 25 30 1 5 10 15 22
CONTROL 2:1
CONTROL 4:1
MAR 2:1
MAR 4:1

Fig. 3B

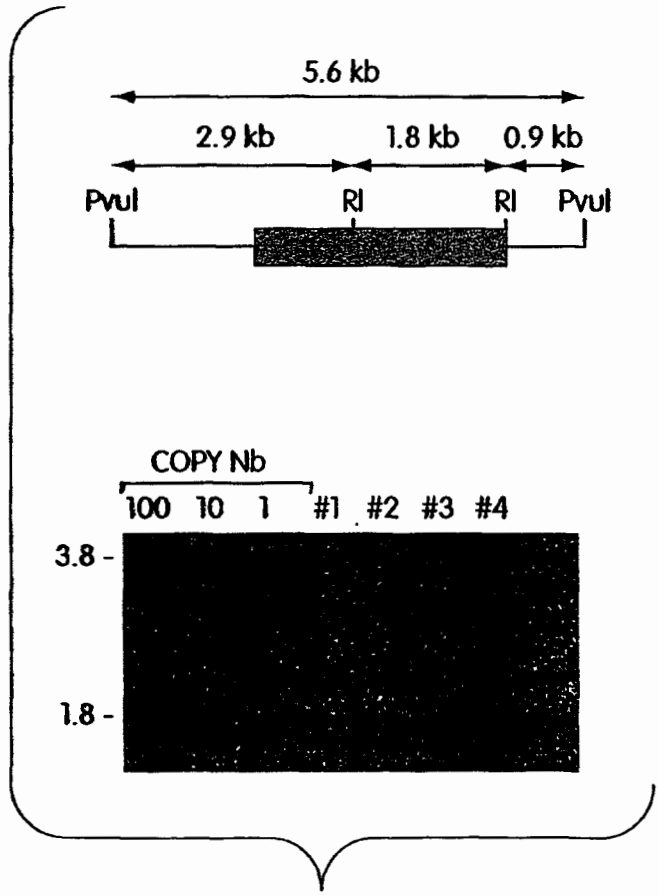


Fig. 3C

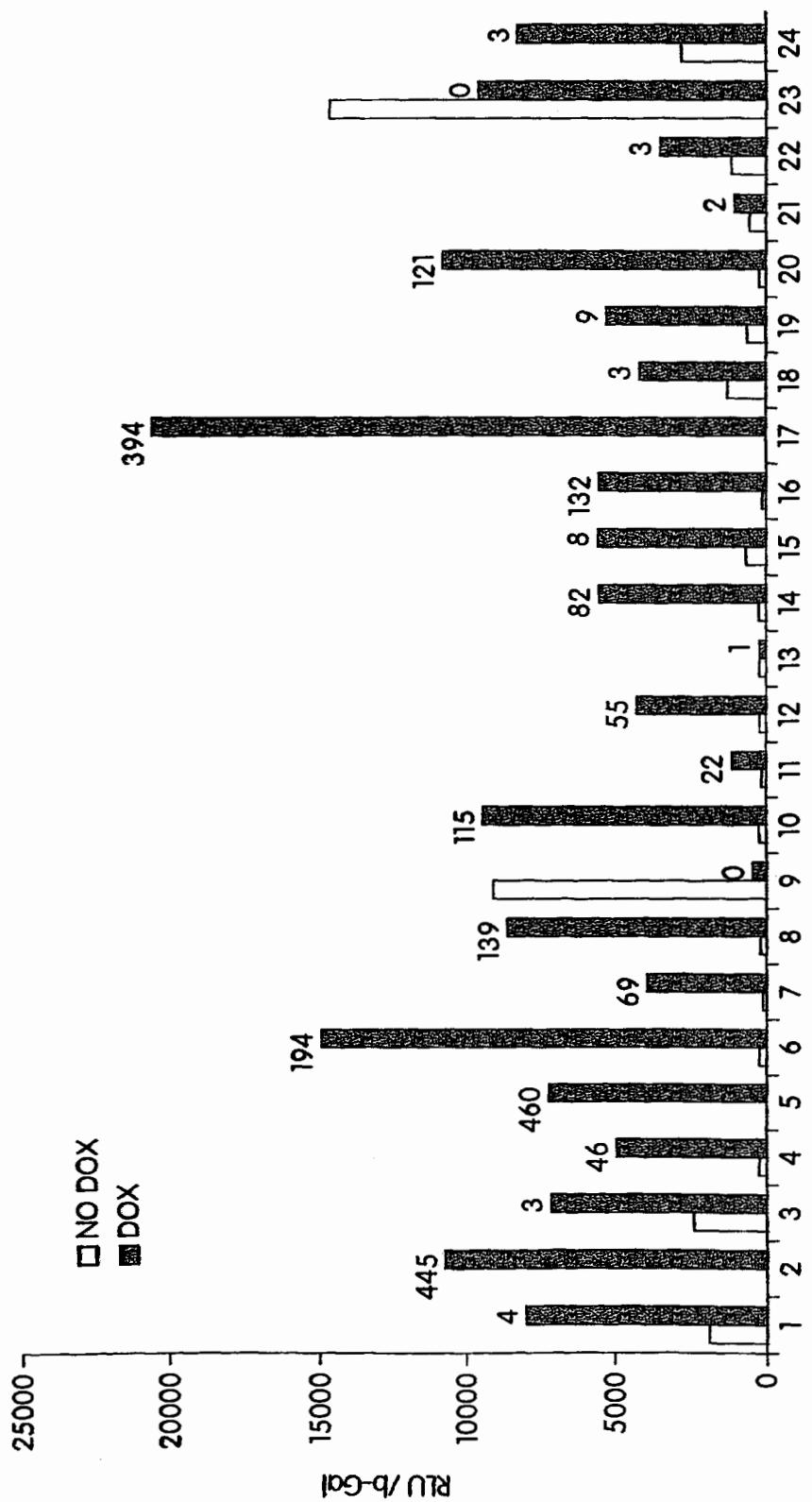

RLU /b-Gal
25000
20000
15000
10000
5000
0
NO DOX
DOX
4
445
3
46
460
194
69
139
0
115
22
55
1
82
8
132
394
3
9
121
2
3
0
3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
CLONE

Fig. 4A

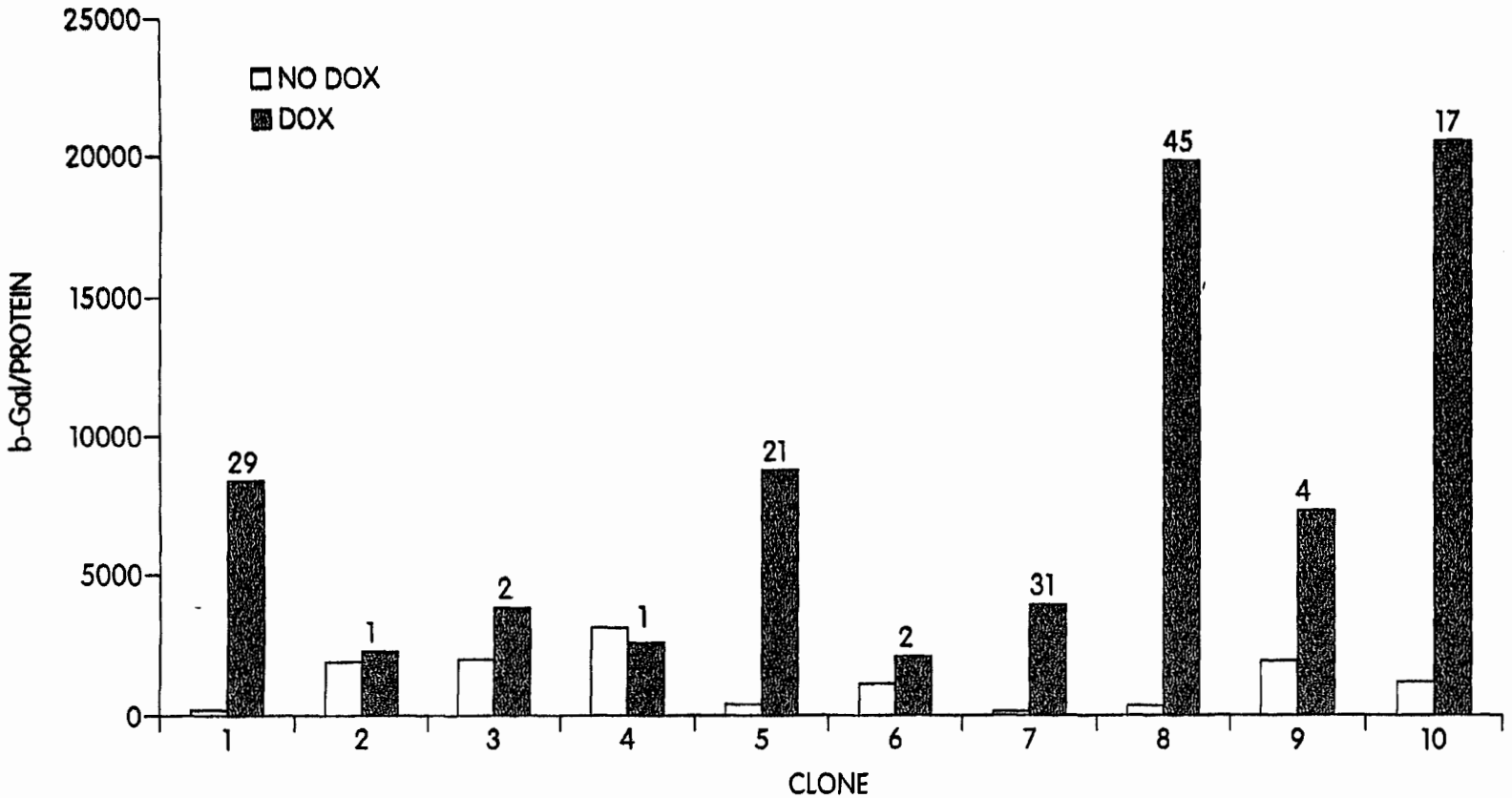

25000
20000
15000
10000
5000
0
b-Gal/PROTEIN
NO DOX
DOX
29
1
2
1
21
2
31
45
4
17
1
2
3
4
5
6
7
8
9
10
CLONE

Fig. 4B

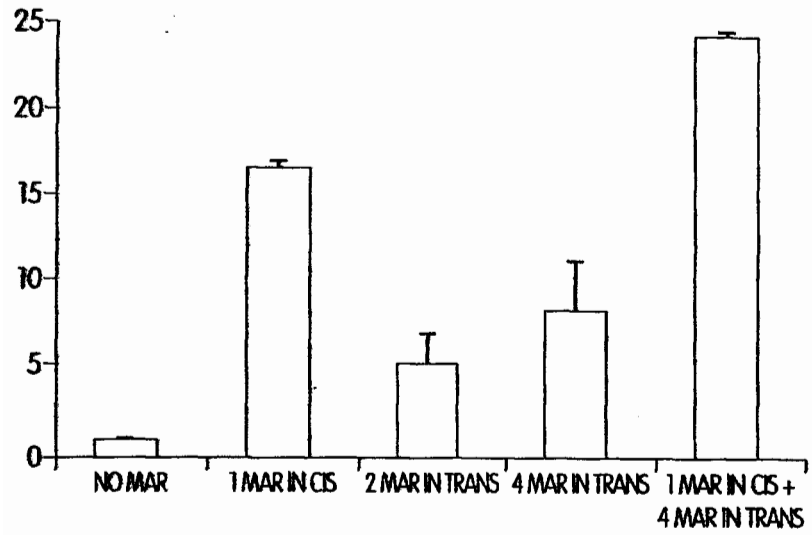

25
20
15
10
5
0
NO MAR
1 MAR IN CIS
2 MAR IN TRANS
4 MAR IN TRANS
1 MAR IN CIS +
4 MAR IN TRANS

Fig. 5A

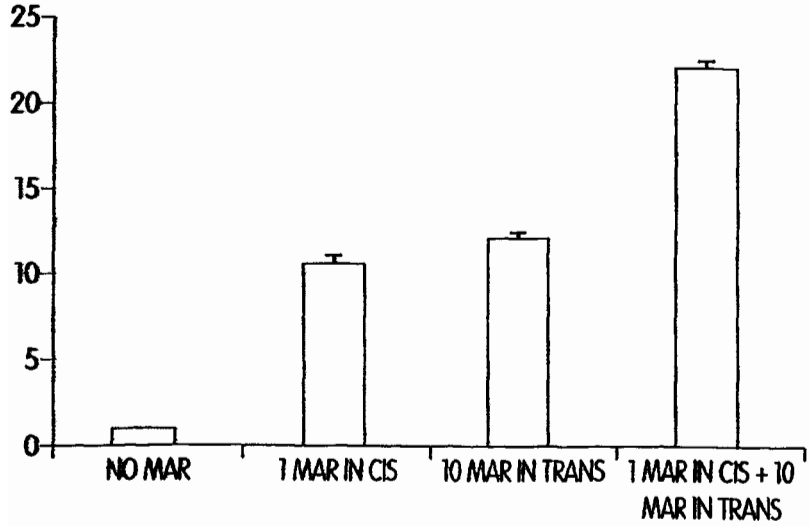

25
20
15
10
5
0
NO MAR
1 MAR IN CIS
10 MAR IN TRANS
1 MAR IN CIS + 10
MAR IN TRANS

Fig. 5B

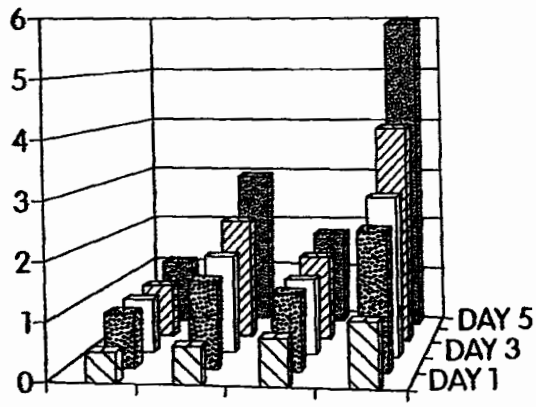


Fig. 6A

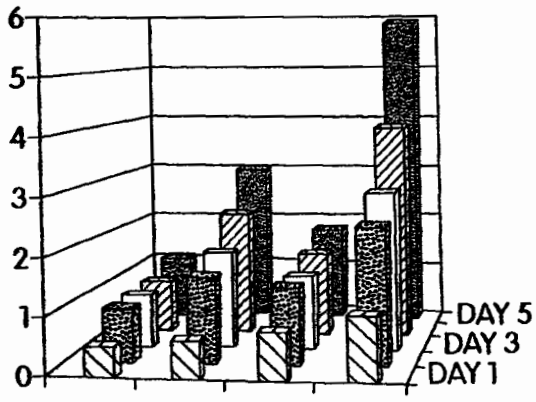


Fig. 6B

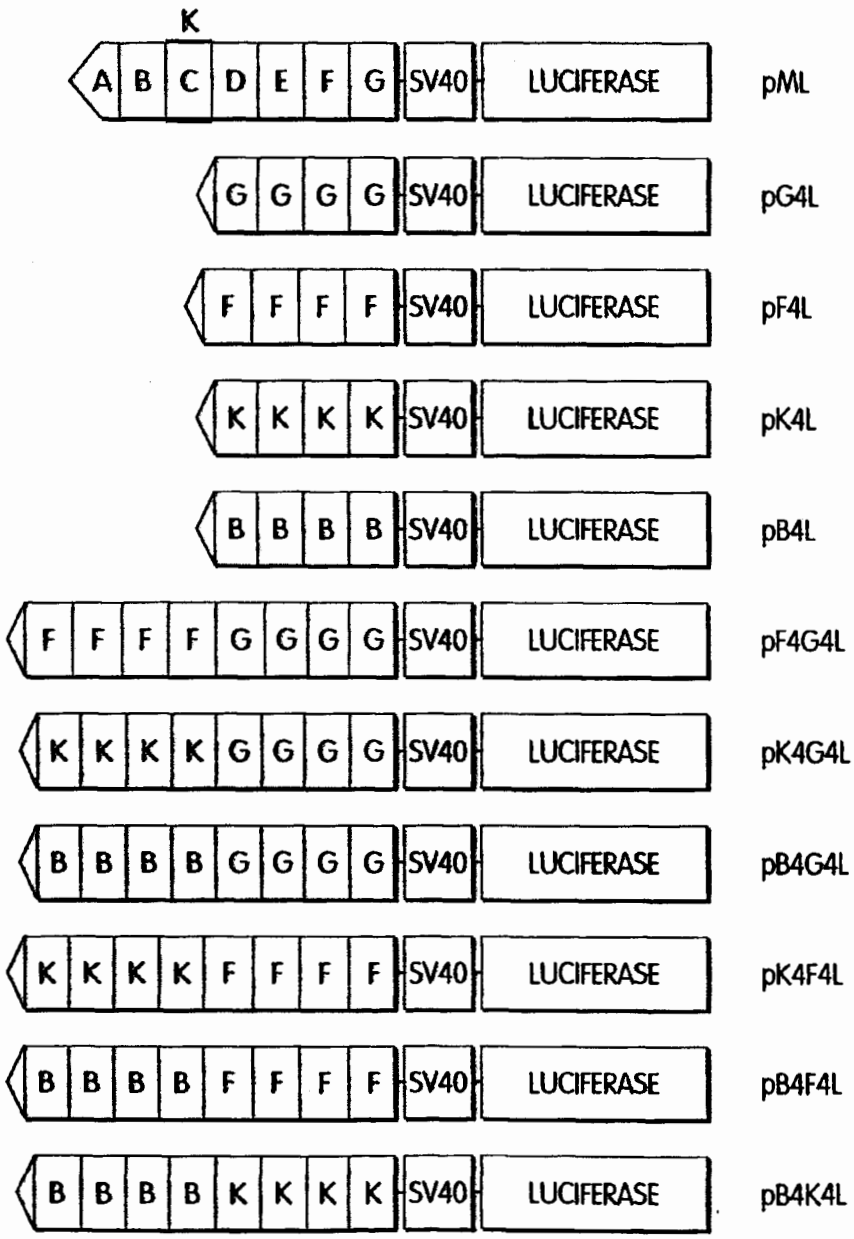

K
A B C D E F G SV40 LUCIFERASE pML
G G G G SV40 LUCIFERASE pG4L
F F F F SV40 LUCIFERASE pF4L
K K K K SV40 LUCIFERASE pK4L
B B B B SV40 LUCIFERASE pB4L
F F F F G G G G SV40 LUCIFERASE pF4G4L
K K K K G G G G SV40 LUCIFERASE pK4G4L
B B B B G G G G SV40 LUCIFERASE pB4G4L
K K K K F F F F SV40 LUCIFERASE pK4F4L
B B B B F F F F SV40 LUCIFERASE pB4F4L
B B B B K K K K SV40 LUCIFERASE pB4K4L

Fig. 7A

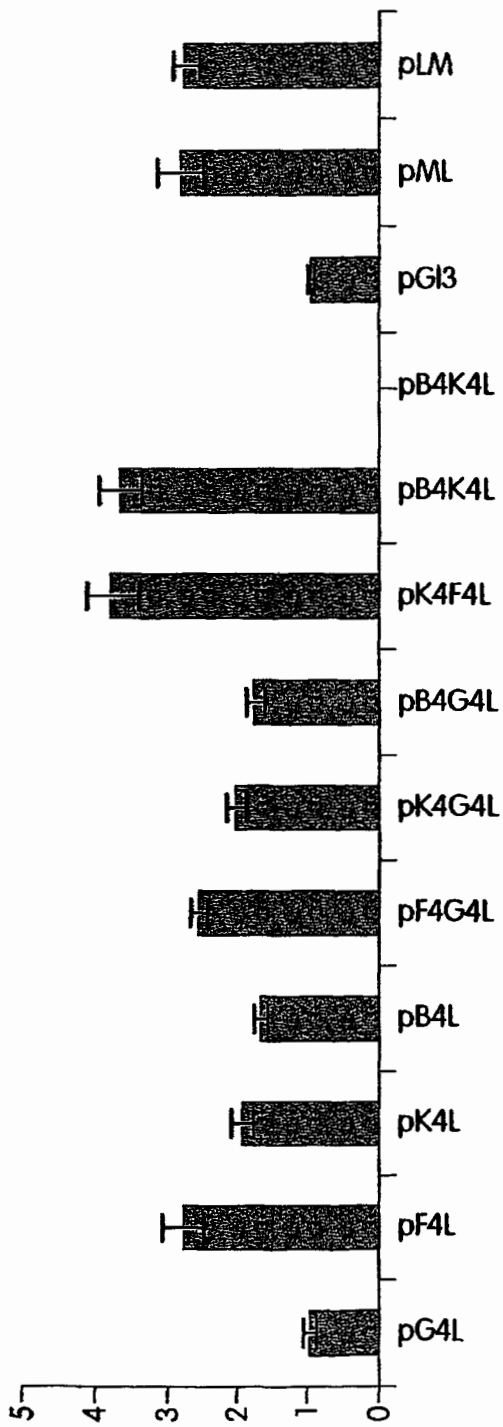

pLM
pML
pGl3
pB4K4L
pB4K4L
pK4F4L
pB4G4L
pK4G4L
pF4G4L
pB4L
pK4L
pF4L
pG4L
5
4
3
2
1
0
PLASMID

Fig. 7B