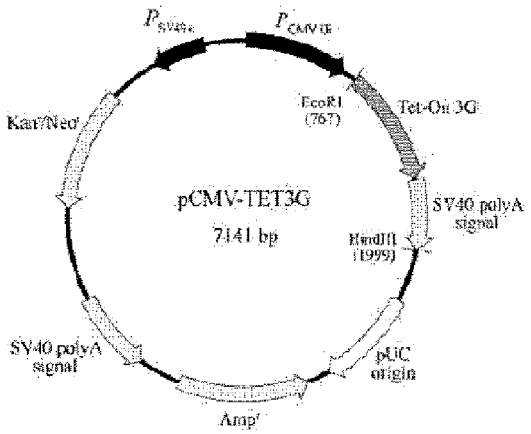
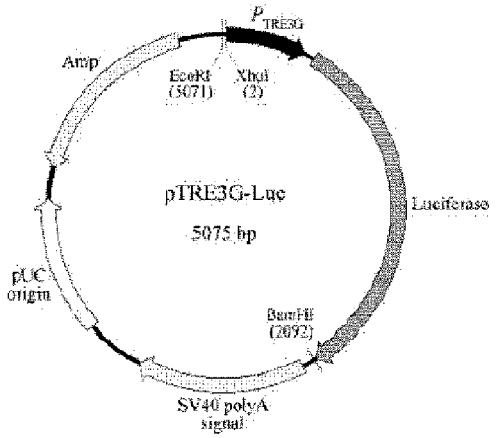
Fig. 1

A


P_{SV40e}
$P_{CMV(-)}$
EcoR1
(767)
Tet-On 3G
SV40 polyA
signal
HindIII
(1999)
pUC
origin
Amp'
SV40 polyA
signal
Kan'/Neo'
pCMV-TET3G
7141 bp

B


P_{TRE3G}
Amp'
EcoRI
(3071)
XhoI
(2)
pTRE3G-Luc
5075 bp
Luciferase
pUC
origin
BamHI
(2692)
SV40 polyA
signal

C

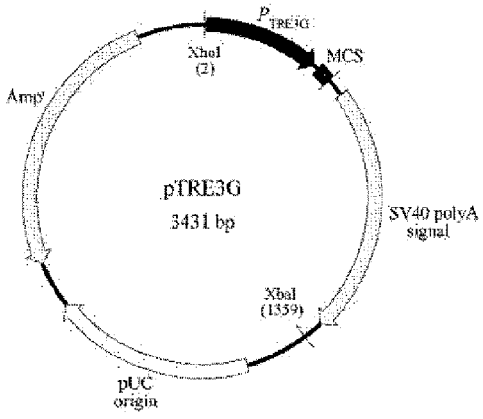
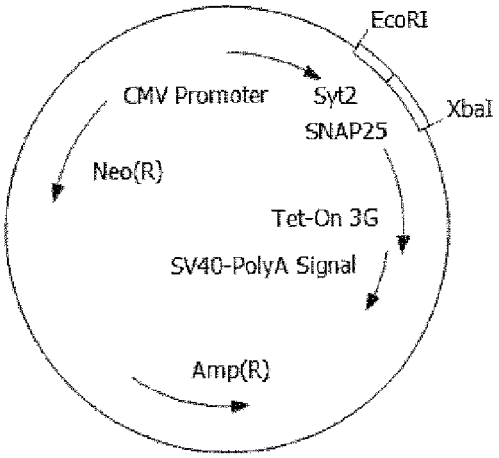

P_{TRE3G}
XhoI
(2)
MCS
Amp'
pTRE3G
3431 bp
SV40 polyA
signal
XbaI
(1359)
pUC
origin

Fig. 2



Name	Start	End
CMV Promoter	1	688
Syt2	772	1023
SNAP25	1024	1362
Tet-On 3G	1363	2106
SV40-PolyA Signal	2106	2575
Amp(R)	4589	3729
Neo(R)	6796	6003

Fig. 3

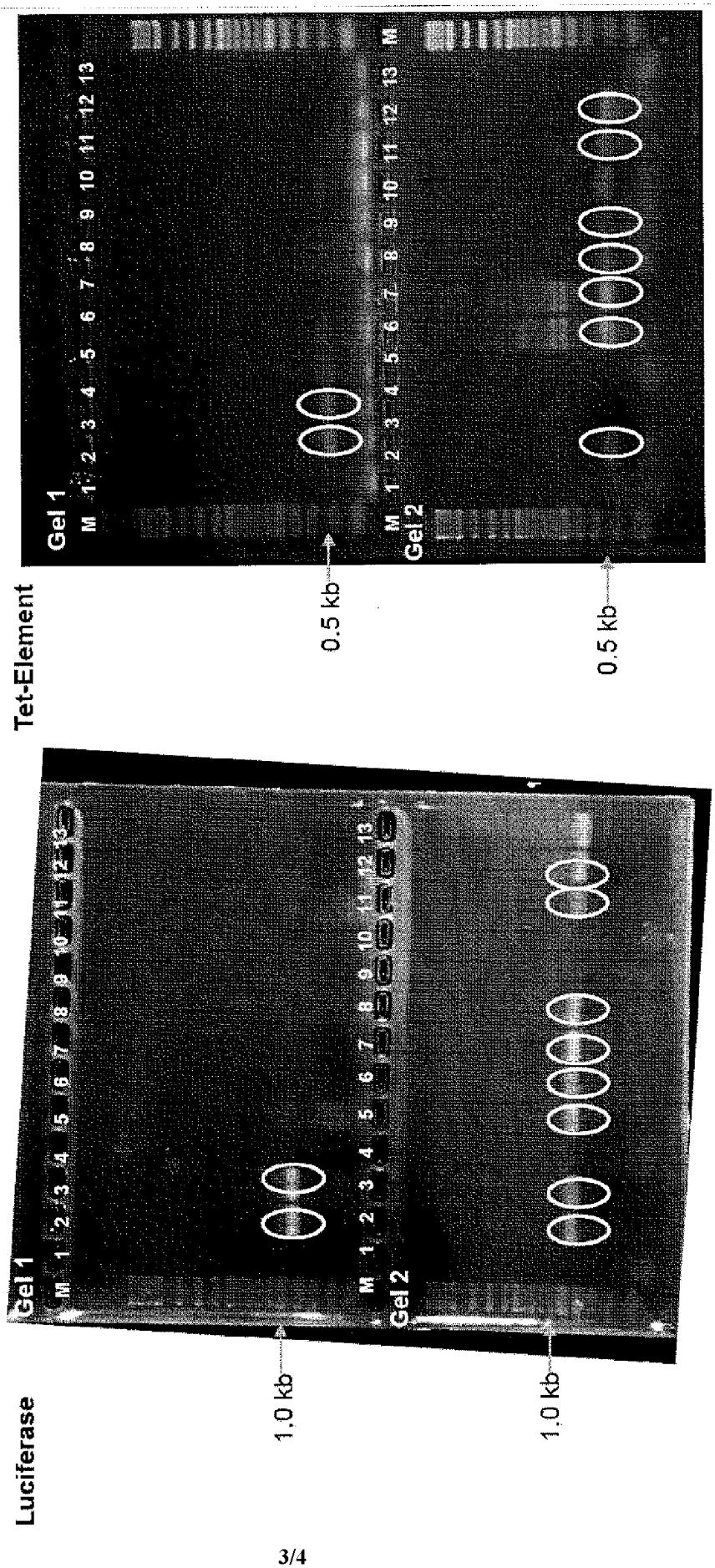
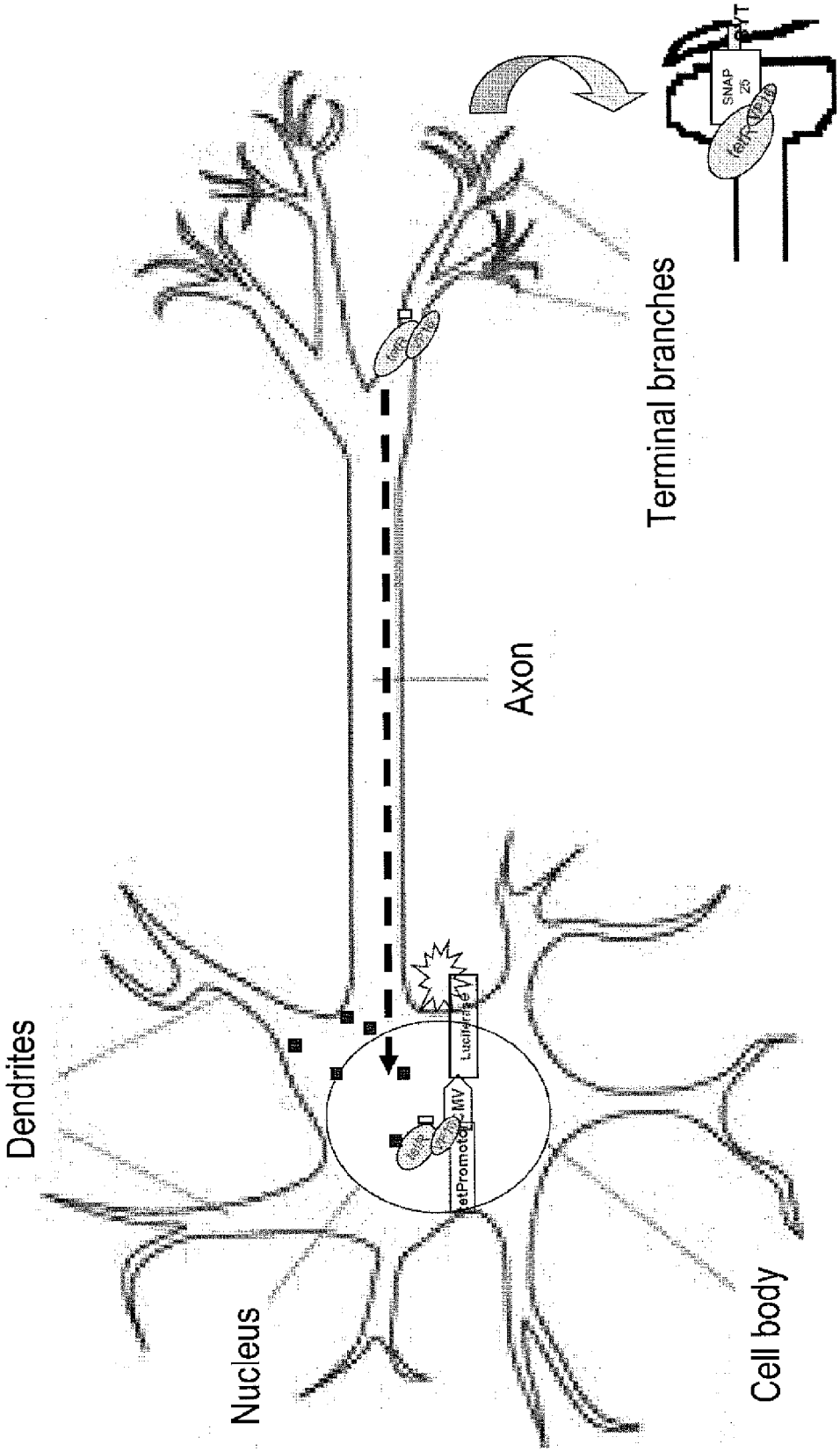

Tet-Element
Gel 1
M 1 2 3 4 5 6 7 8 9 10 11 12 13
Gel 2
M 1 2 3 4 5 6 7 8 9 10 11 12 13
0.5 kb
0.5 kb
Luciferase
Gel 1
M 1 2 3 4 5 6 7 8 9 10 11 12 13
Gel 2
M 1 2 3 4 5 6 7 8 9 10 11 12 13
1.0 kb
1.0 kb

Fig. 4


Dendrites
Nucleus
Cell body
Axon
Terminal branches
SNAP 25
TetPromotor-MV