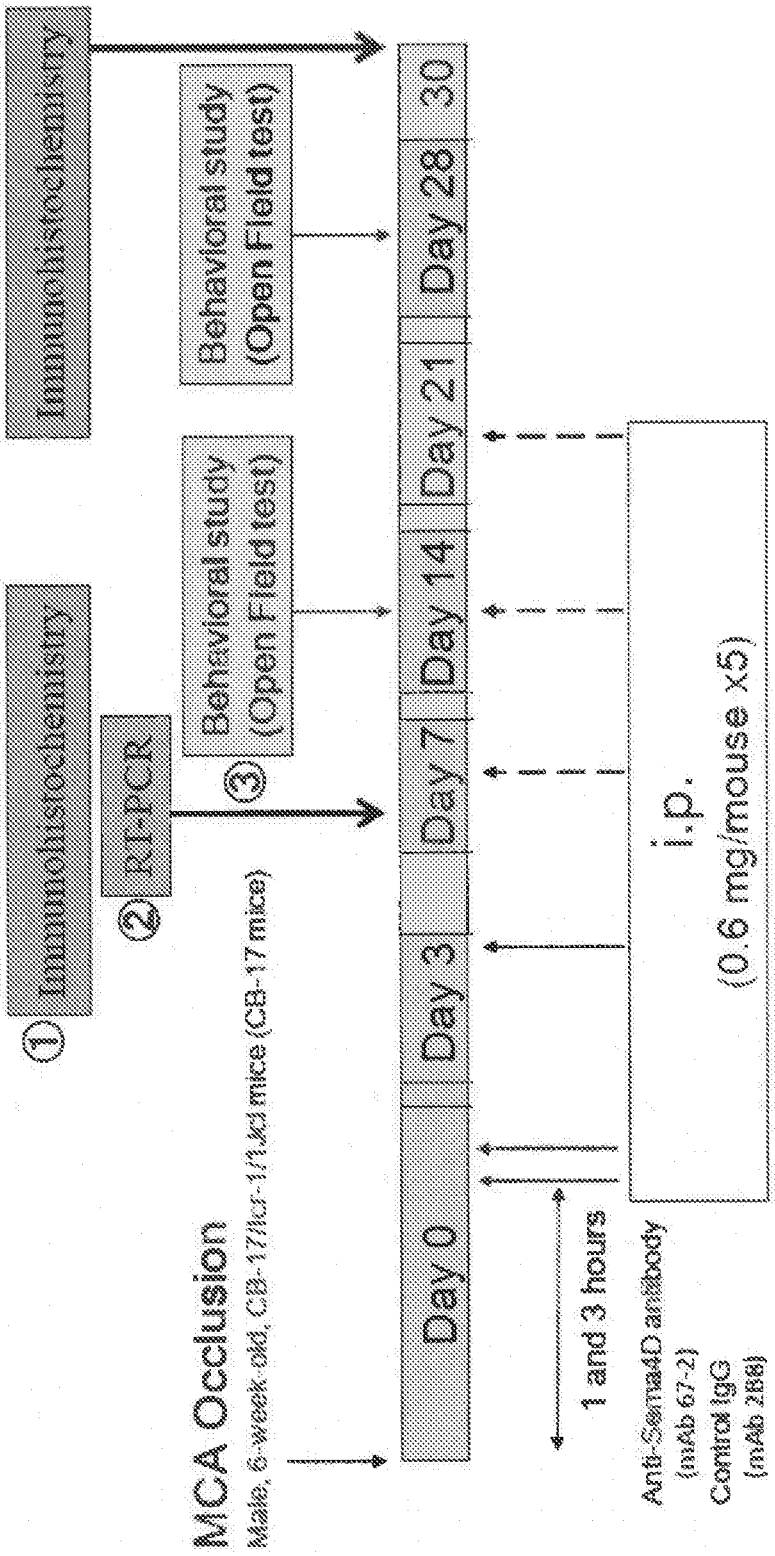
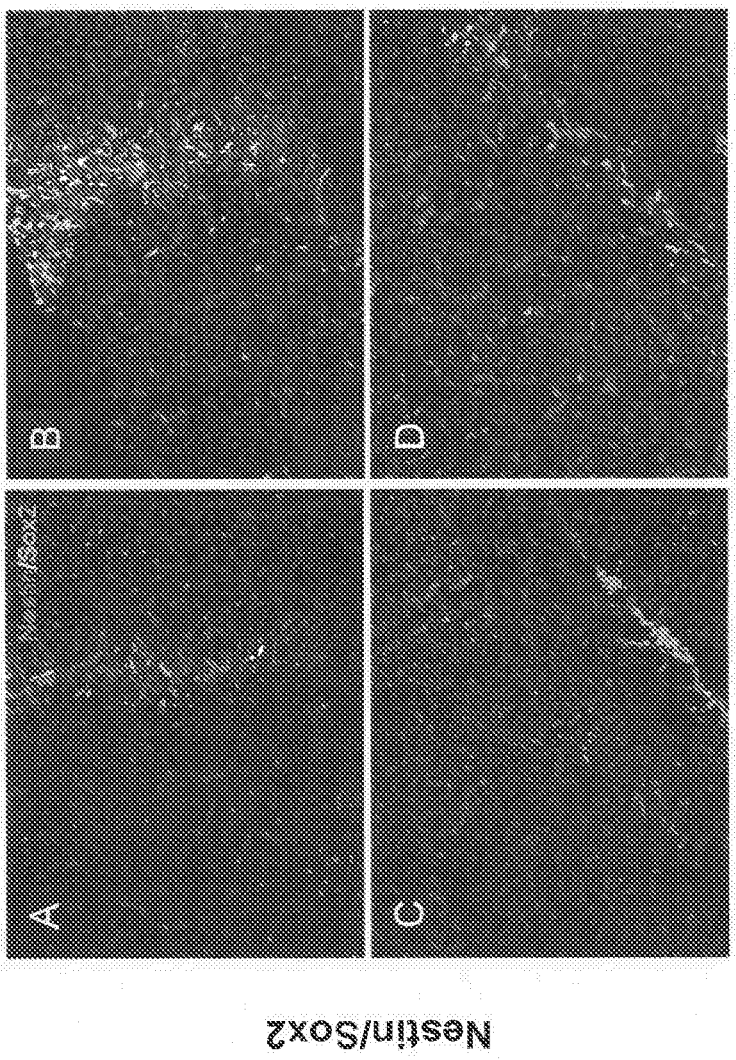

① Immunohistochemistry
② RT-PCR
③ Behavioral study (Open Field test)
Behavioral study (Open Field test)
Immunohistochemistry
MCA Occlusion
Male, 6-week old, CB-17/Icr-+/+Jcl mice (CB-17 mice)
Day 0
Day 3
Day 7
Day 14
Day 21
Day 28
30
1 and 3 hours
i.p.
(0.6 mg/mouse x5)
Anti-Semaa4D antibody (mAb 67-2)
Control IgG (mAb 2B8)

FIG. 1



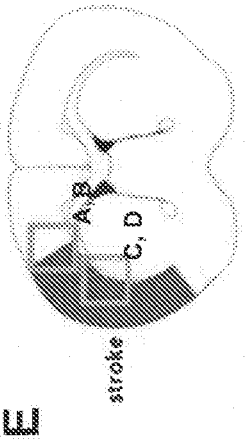


FIG. 2

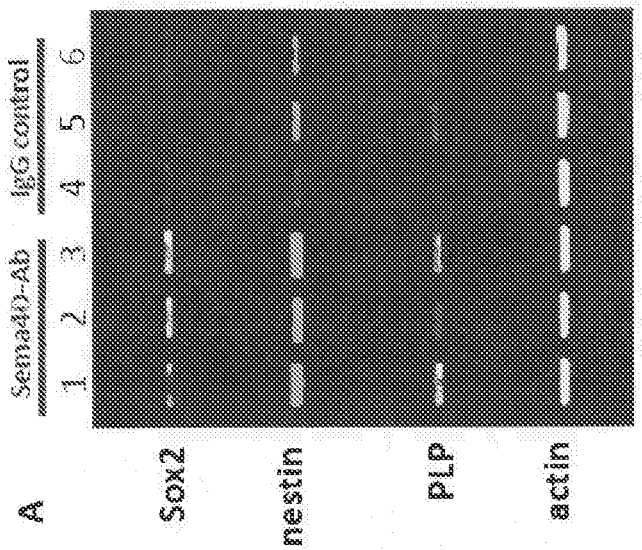


FIG. 3A

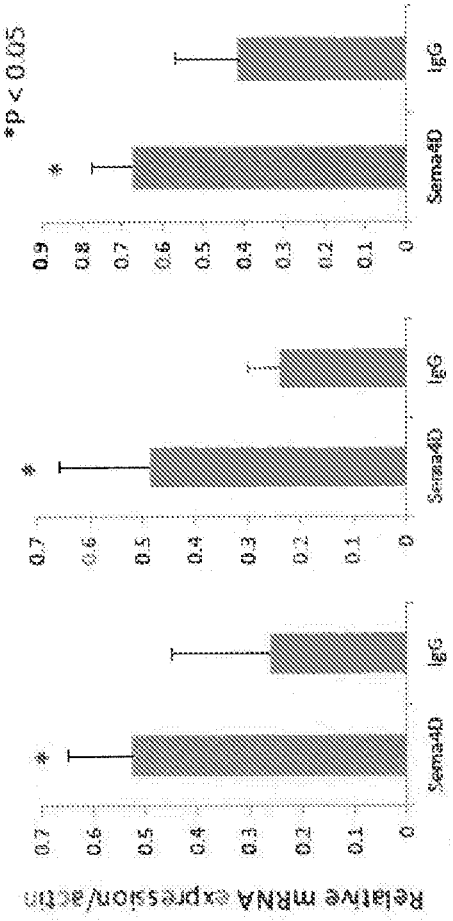


FIG. 3B

FIG. 3C

FIG. 3D

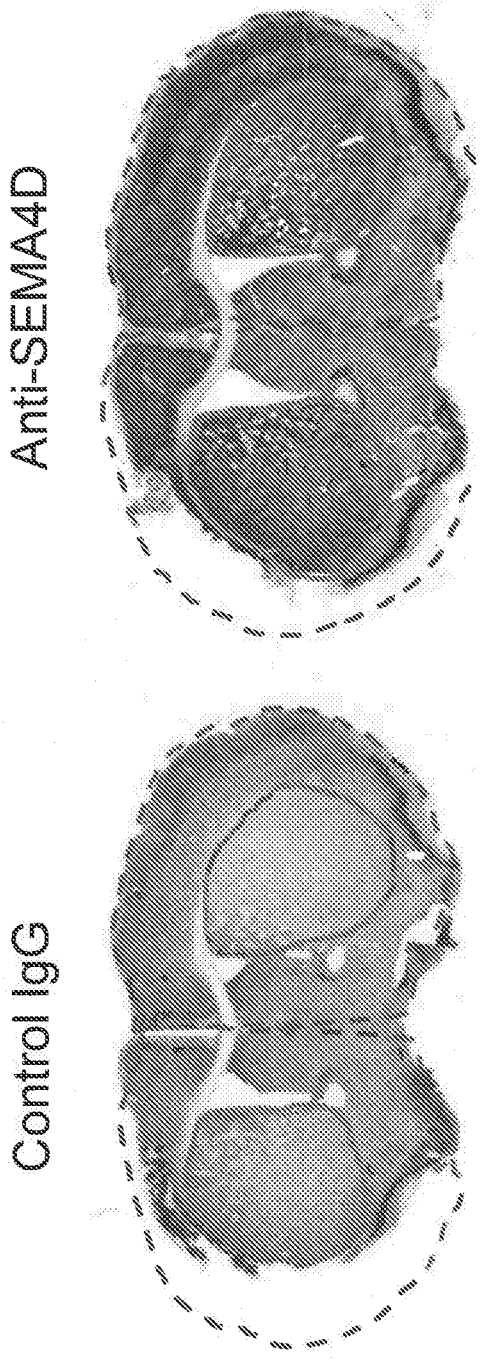


FIG. 4A

FIG. 4B

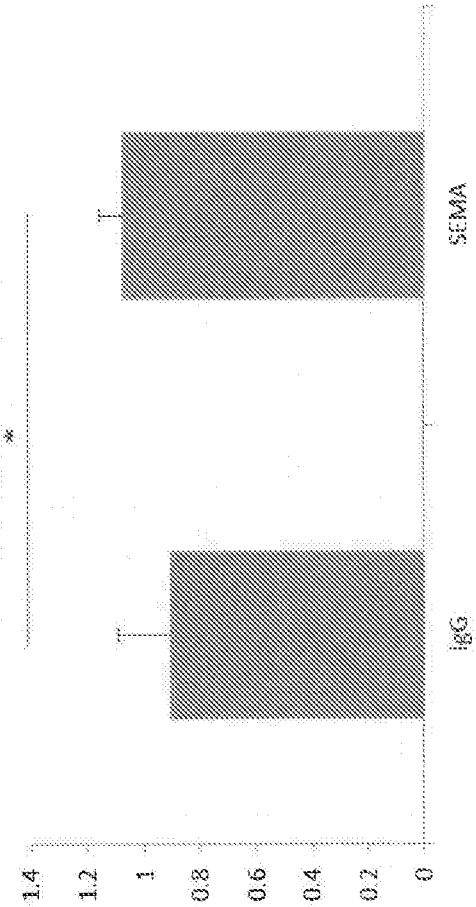


FIG. 4C

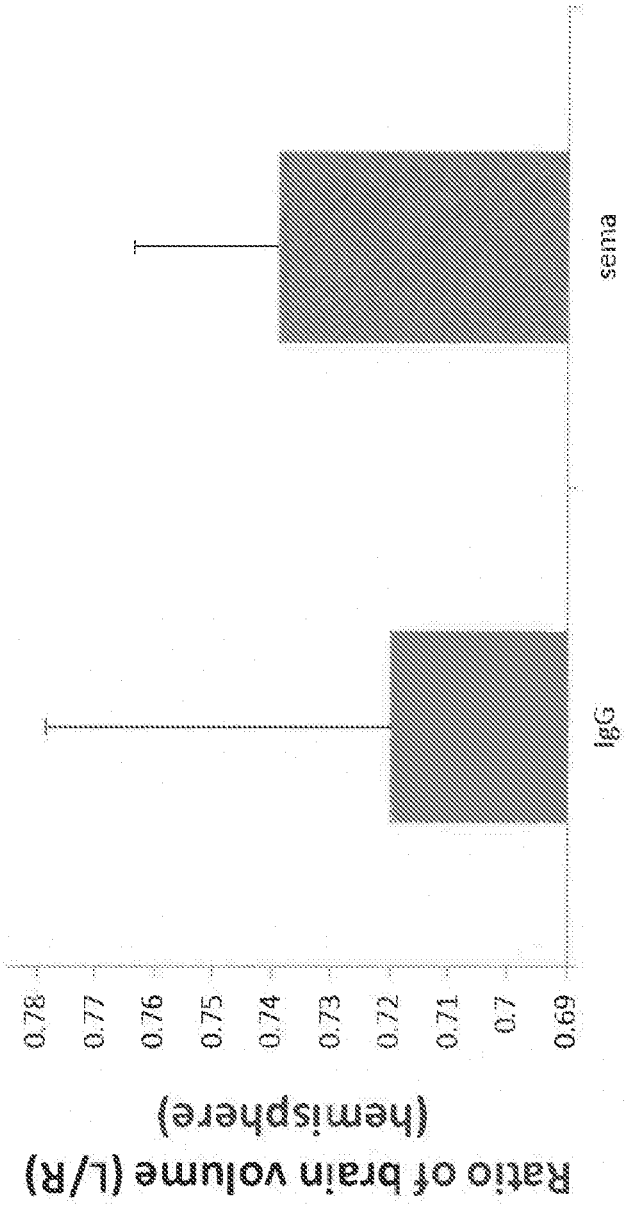

Ratio of brain volume (L/R)
(hemisphere)
0.78
0.77
0.76
0.75
0.74
0.73
0.72
0.71
0.7
0.69
IgG
sema

FIG. 4D

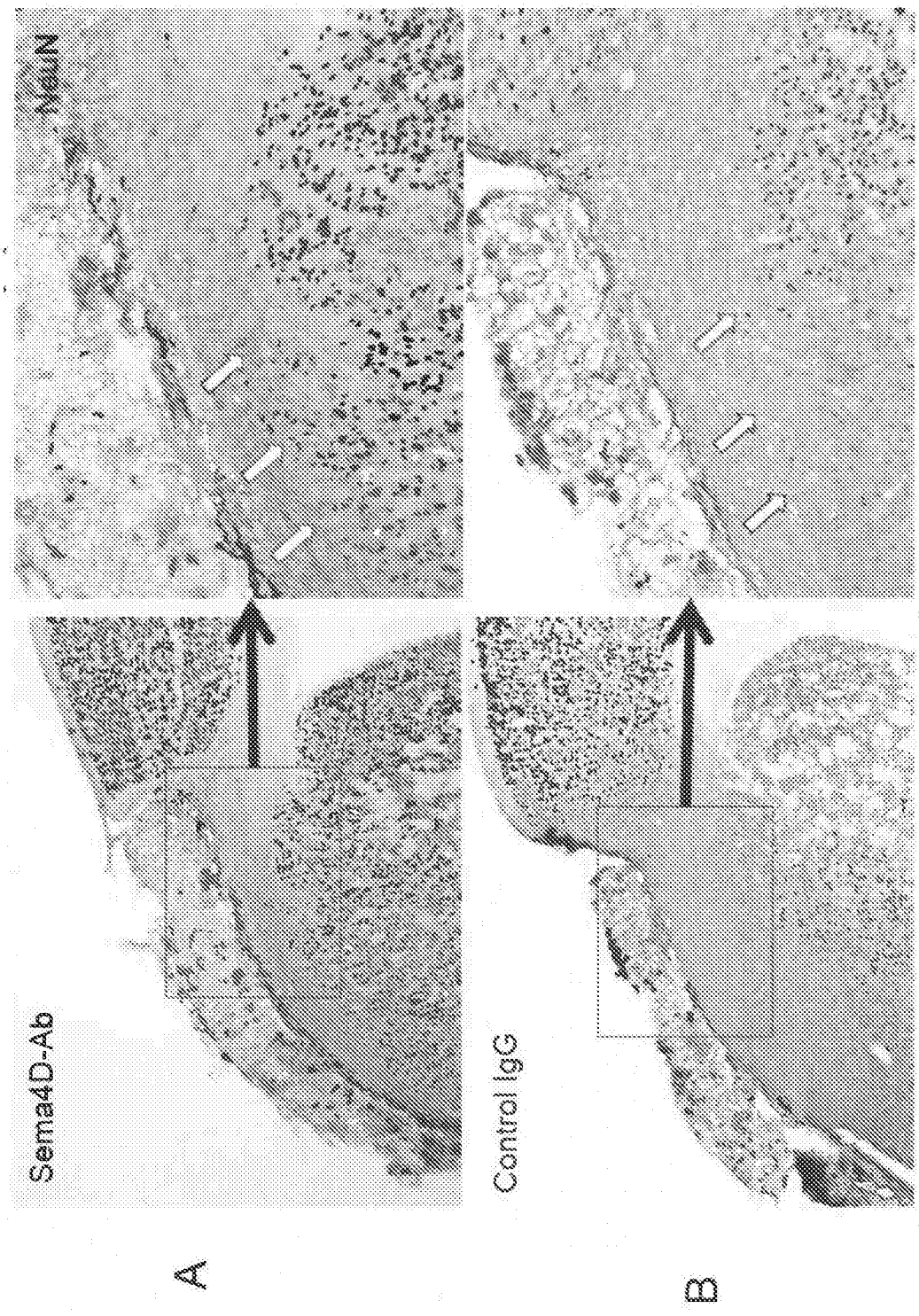


FIG. 5

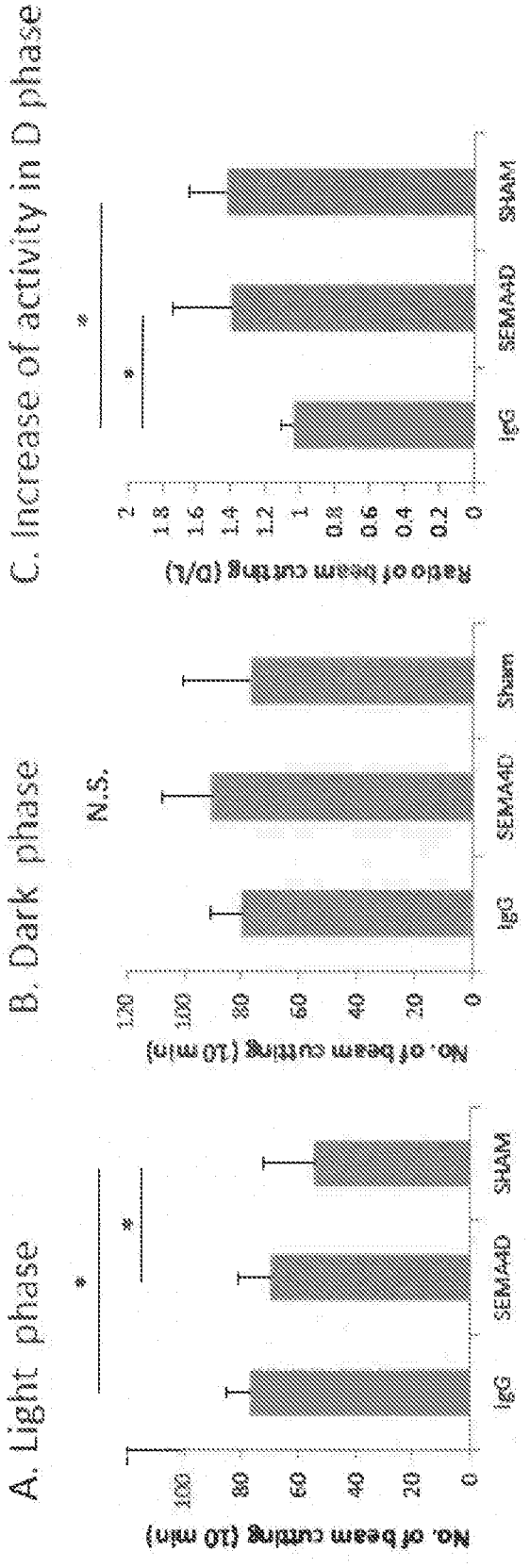


FIG. 6A

FIG. 6B

FIG. 6C

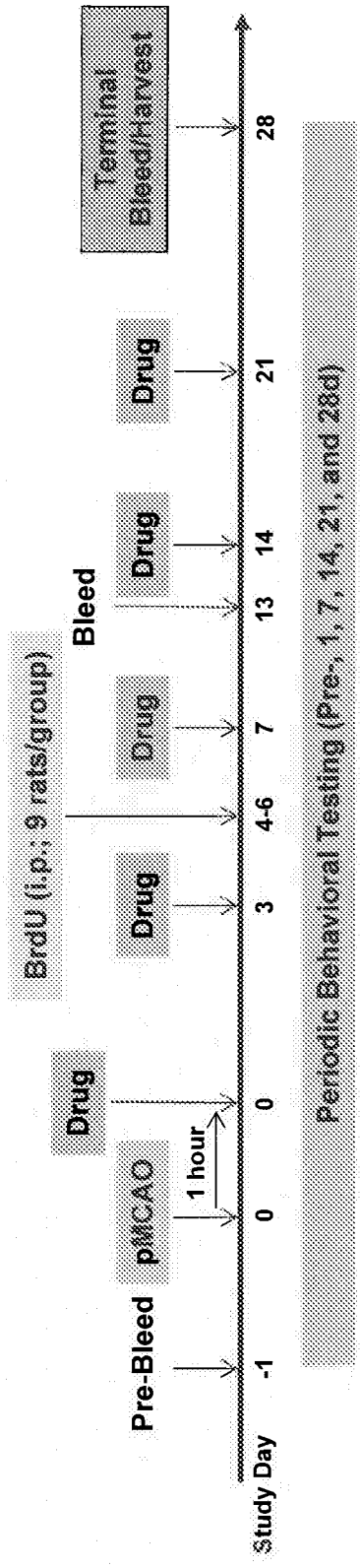

Study Day
-1
0
0
3
4-6
7
13
14
21
28
Pre-Bleed
pMCAO
1 hour
Drug
Drug
BrdU (i.p.; 9 rats/group)
Bleed
Drug
Drug
Drug
Terminal Bleed/Harvest
Periodic Behavioral Testing (Pre-, 1, 7, 14, 21, and 28d)

FIG. 7