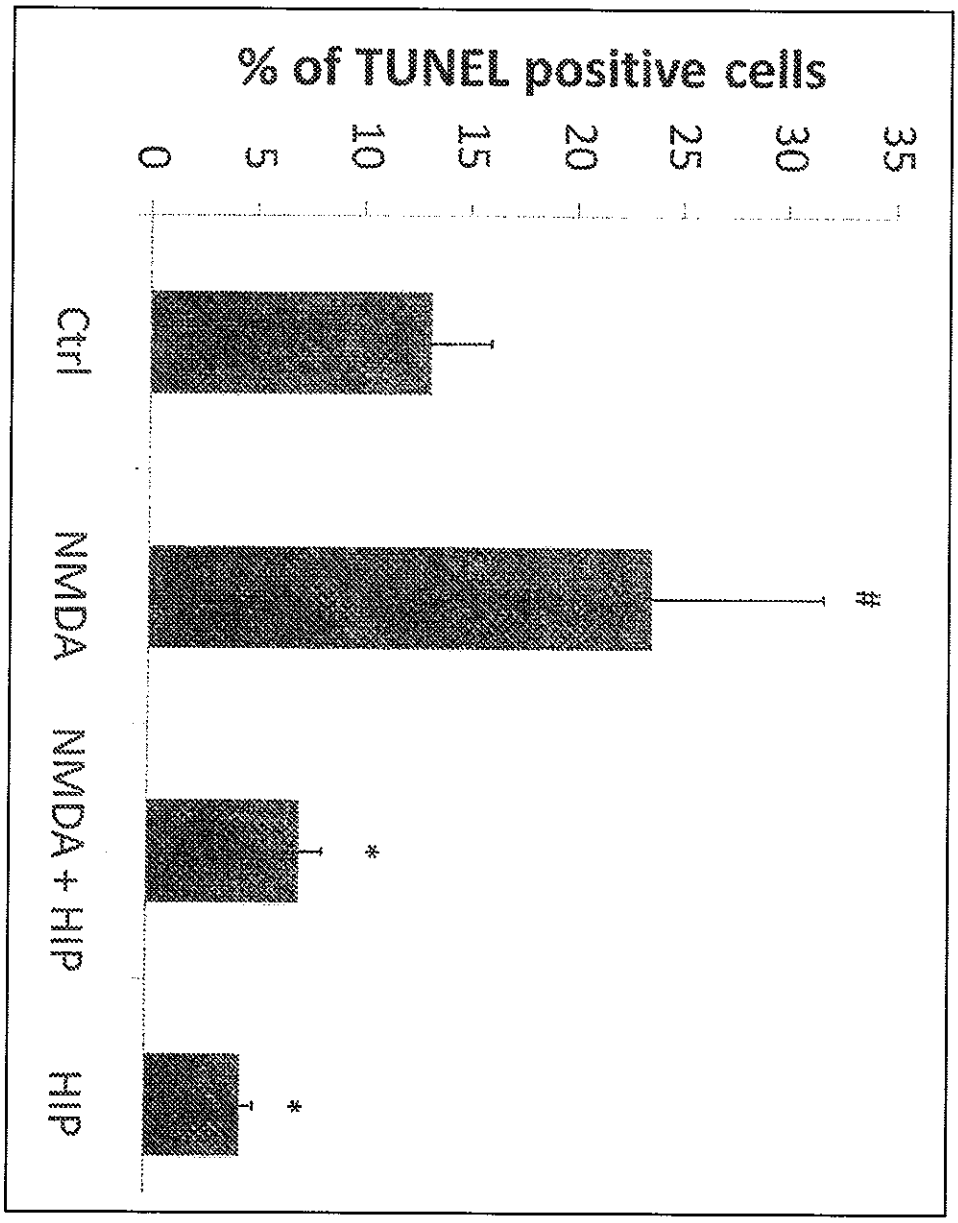

% of TUNEL positive cells
0
5
10
15
20
25
30
35
Ctrl
NMDA
NMDA + HIP
HIP
#
*
*

Figure 1

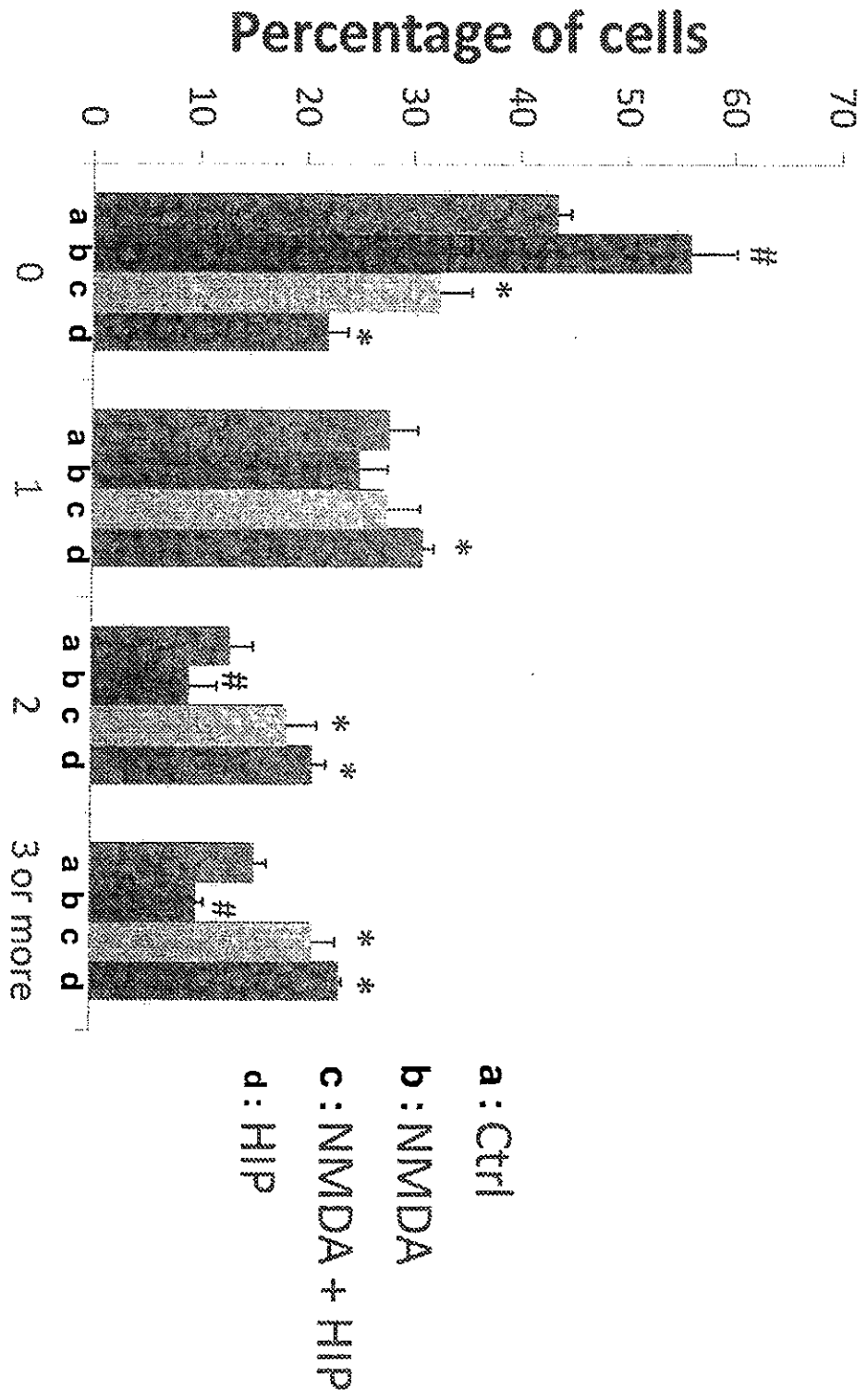

Percentage of cells
0
10
20
30
40
50
60
70
0
1
2
3 or more
a
b
c
d
#
*
a : Ctrl
b : NMDA
c : NMDA + HIP
d : HIP

Figure 2

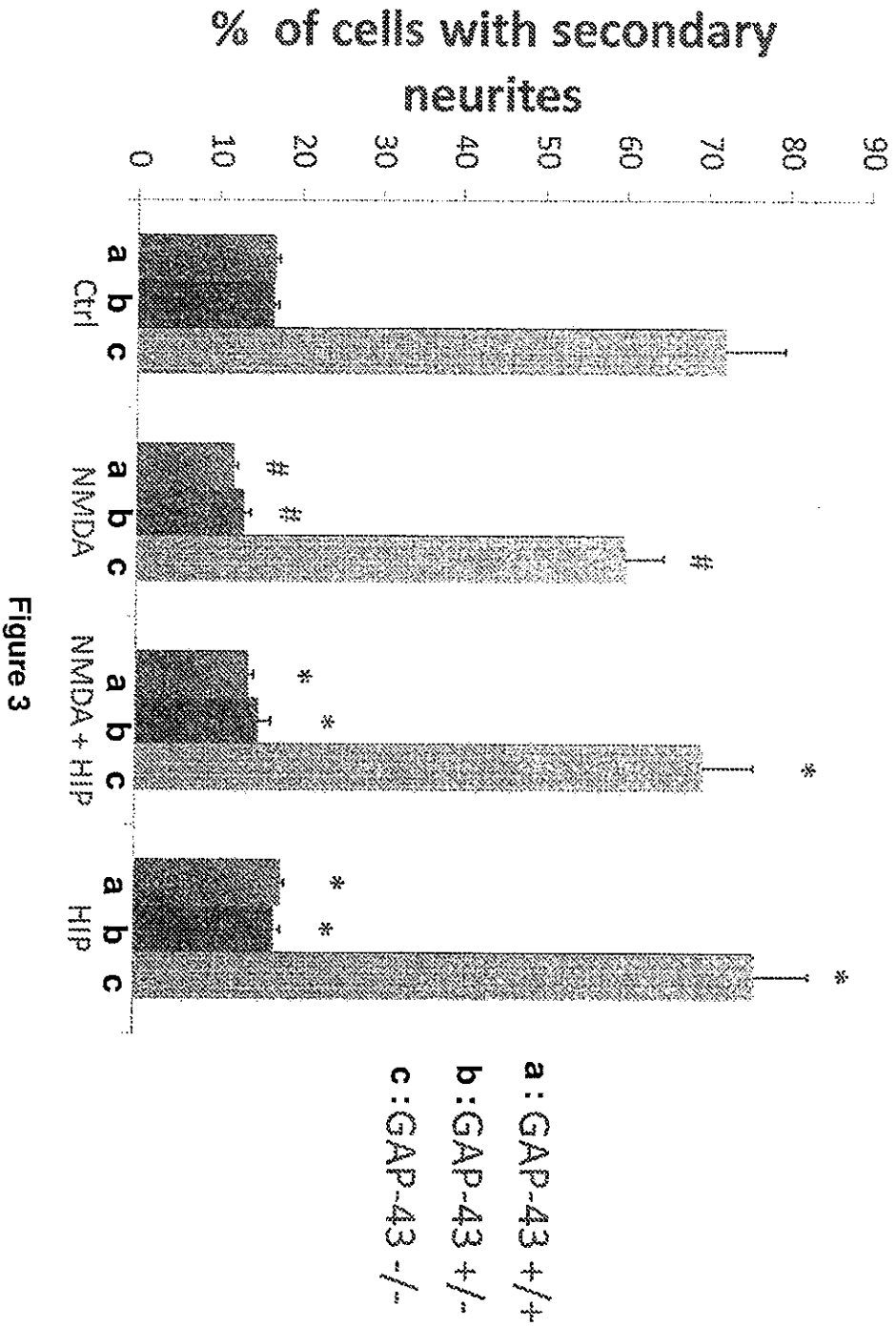

% of cells with secondary neurites
0
10
20
30
40
50
60
70
80
90
Ctrl
NMDA
NMDA + HIP
HIP
a b c
a : GAP-43 +/+
b :GAP-43 +/-
c :GAP-43 -/-

Figure 3

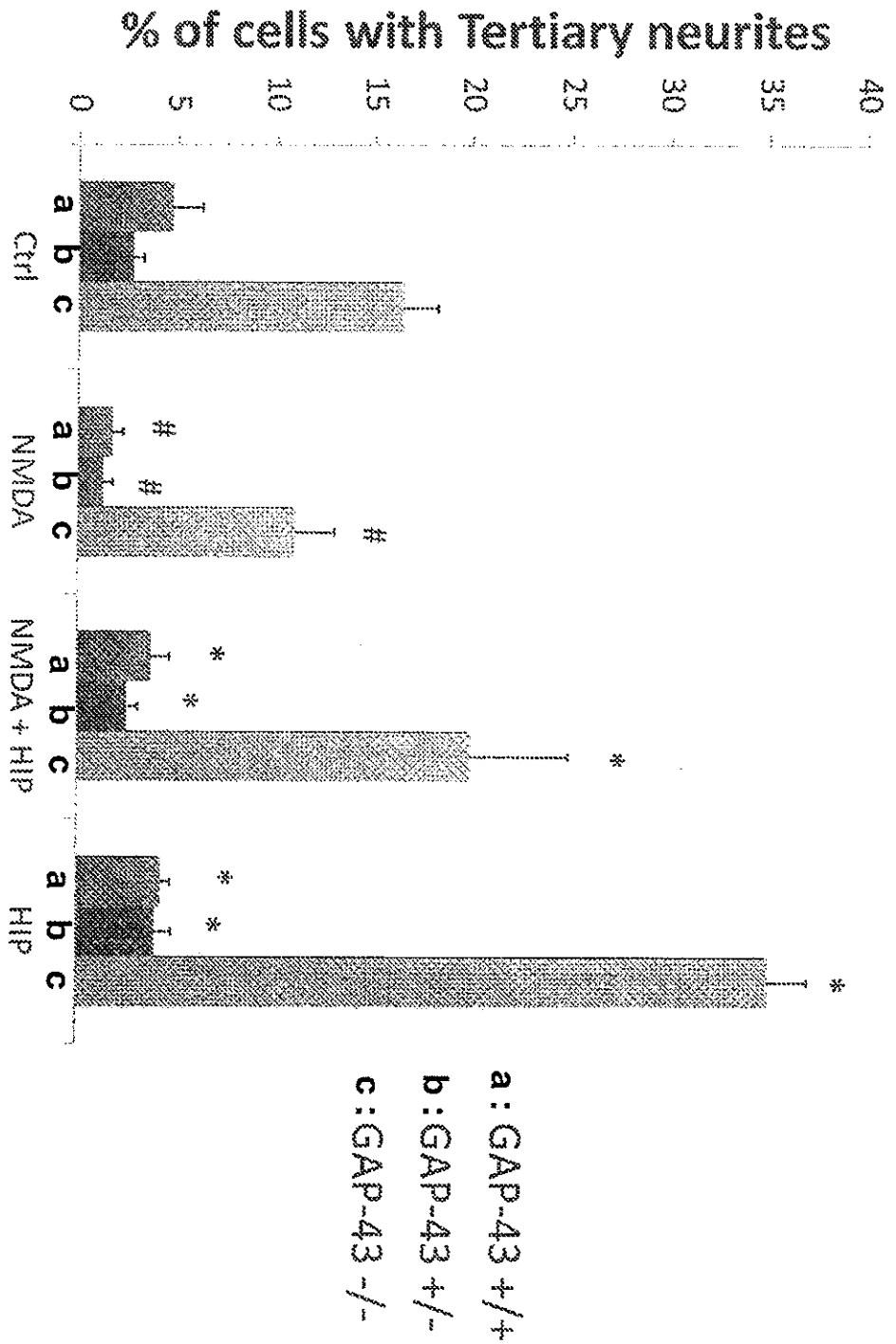

% of cells with Tertiary neurites
0
5
10
15
20
25
30
35
40
Ctrl
NMDA
NMDA + HIP
HIP
a
b
c
#
*
a : GAP-43 +/+
b : GAP-43 +/-
c : GAP-43 -/-

Figure 4

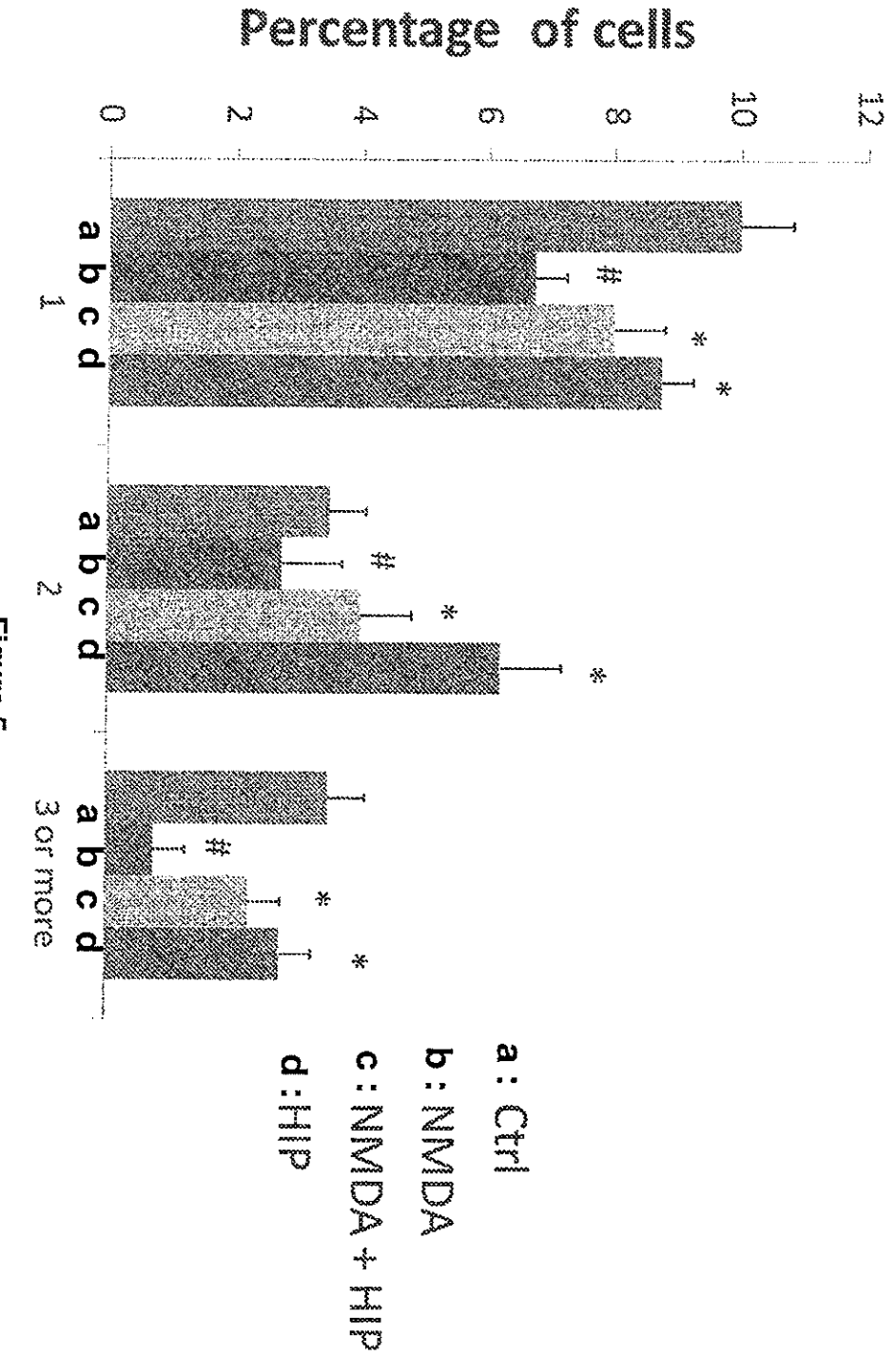

Percentage of cells
0
2
4
6
8
10
12
1
2
3 or more
a b c d
#
*
a : Ctrl
b : NMDA
c : NMDA + HIP
d : HIP

Figure 5

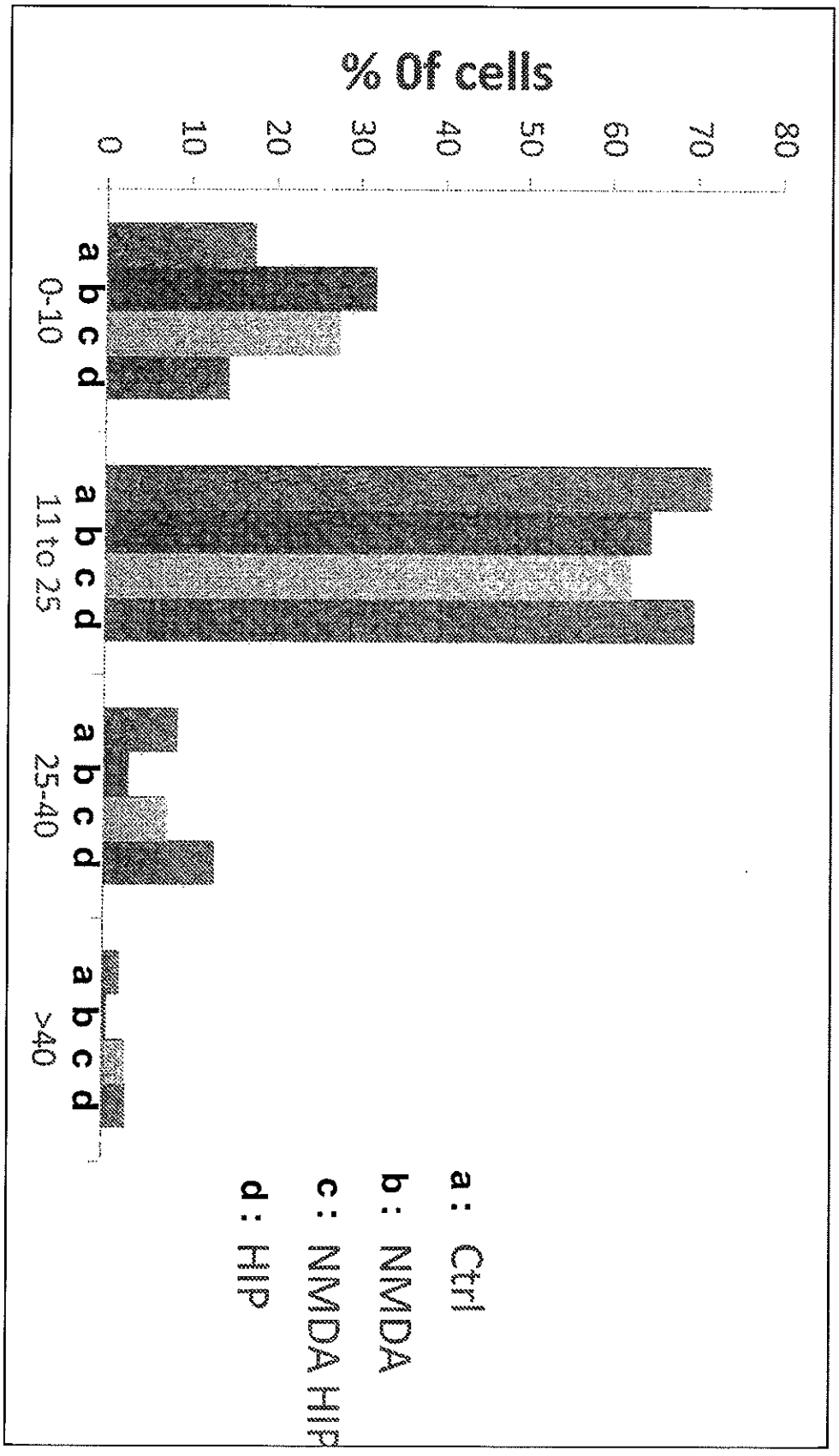

% Of cells
0
10
20
30
40
50
60
70
80
a b c d
0-10
a b c d
11 to 25
a b c d
25-40
a b c d
>40
a : Ctrl
b : NMDA
c : NMDA HIP
d : HIP

Figure 6