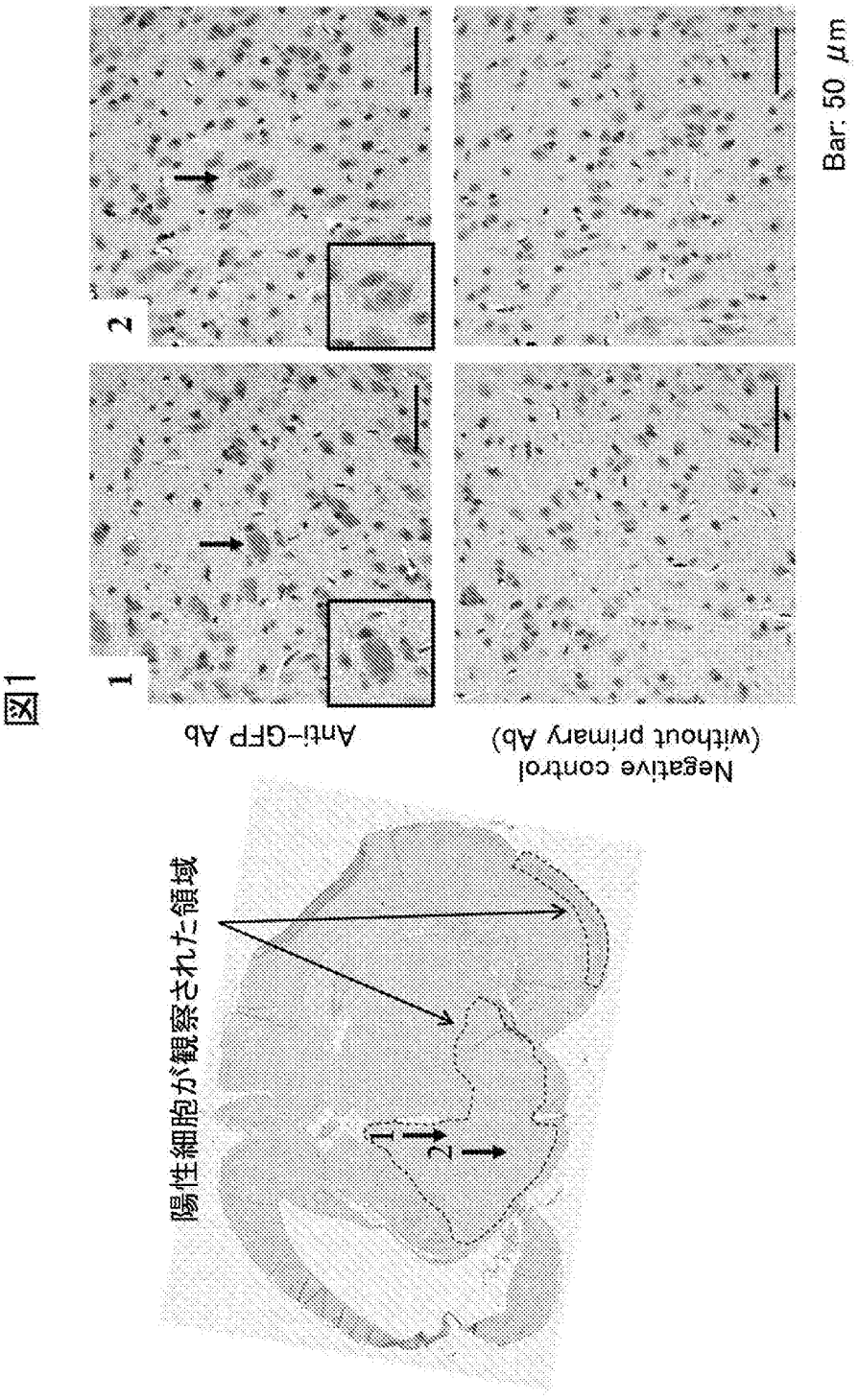
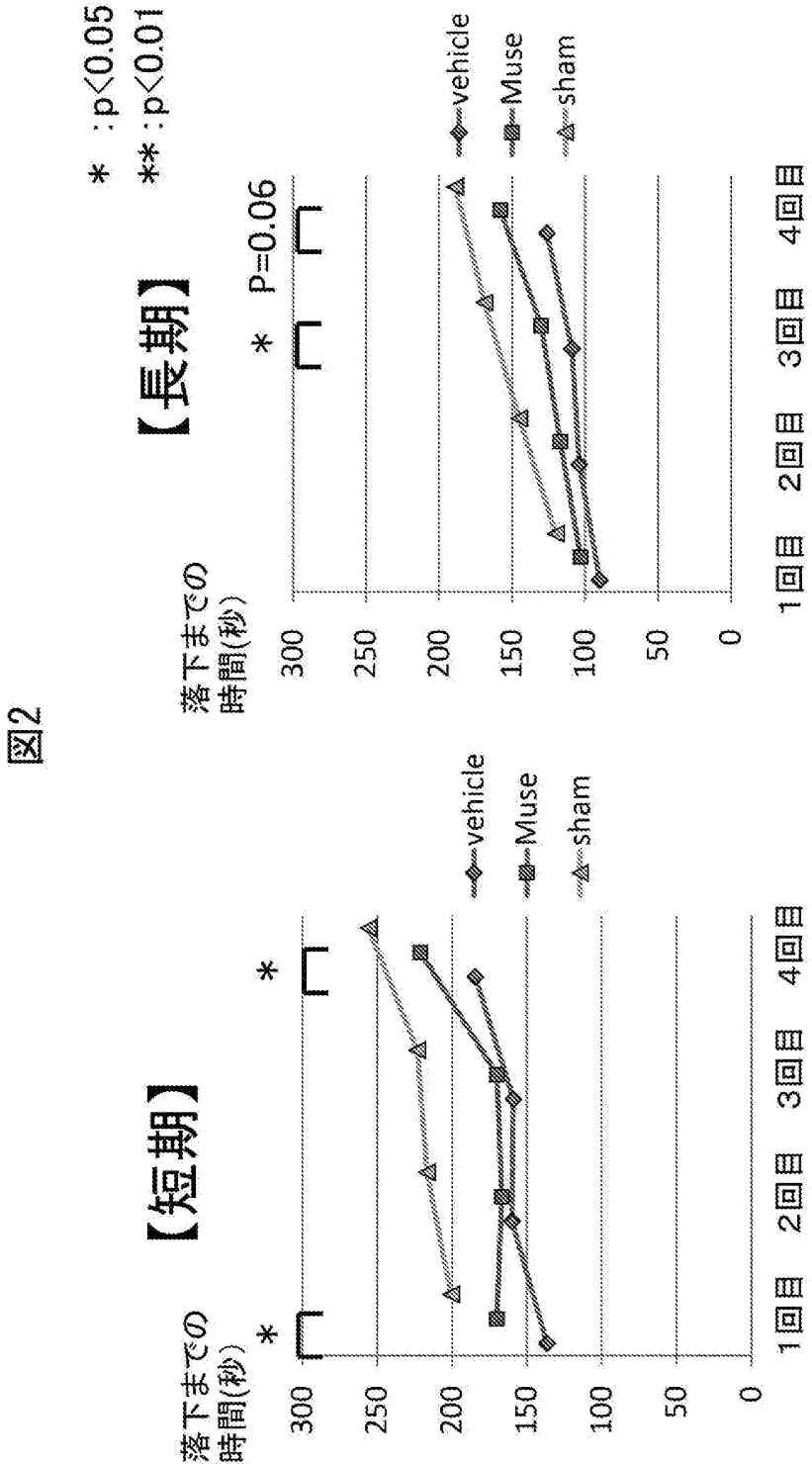
[図1]

図1


Anti-GFP Ab
Negative control
(without primary Ab)
1
2
Bar: 50 μm
陽性細胞が観察された領域
1
2

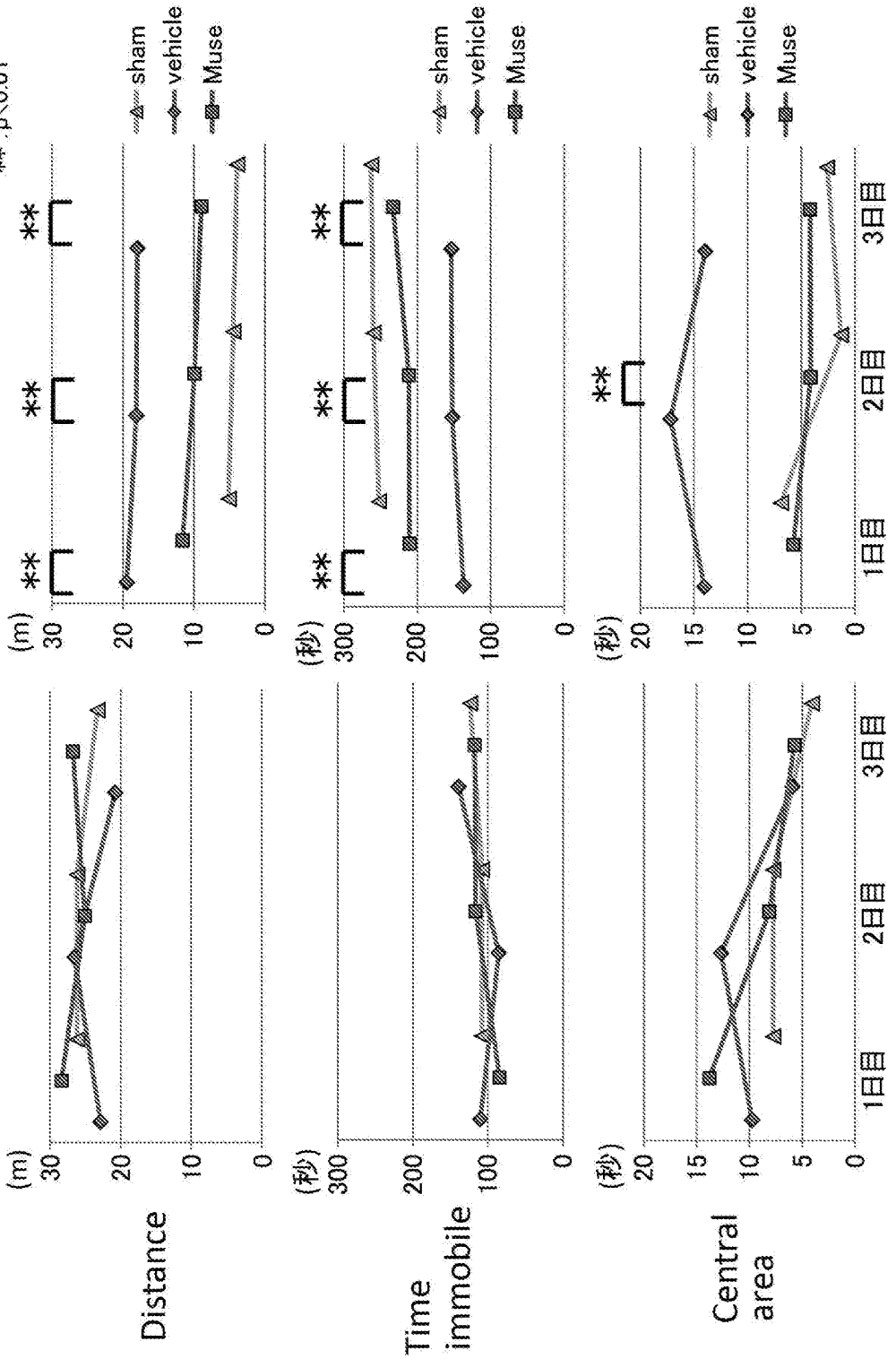
[図2]

図2


＊：p<0.05
＊＊：p<0.01
【短期】
【長期】
落下までの時間(秒)
＊
P=0.06
300
250
200
150
100
50
0
vehicle
Muse
sham
1回目
2回目
3回目
4回目

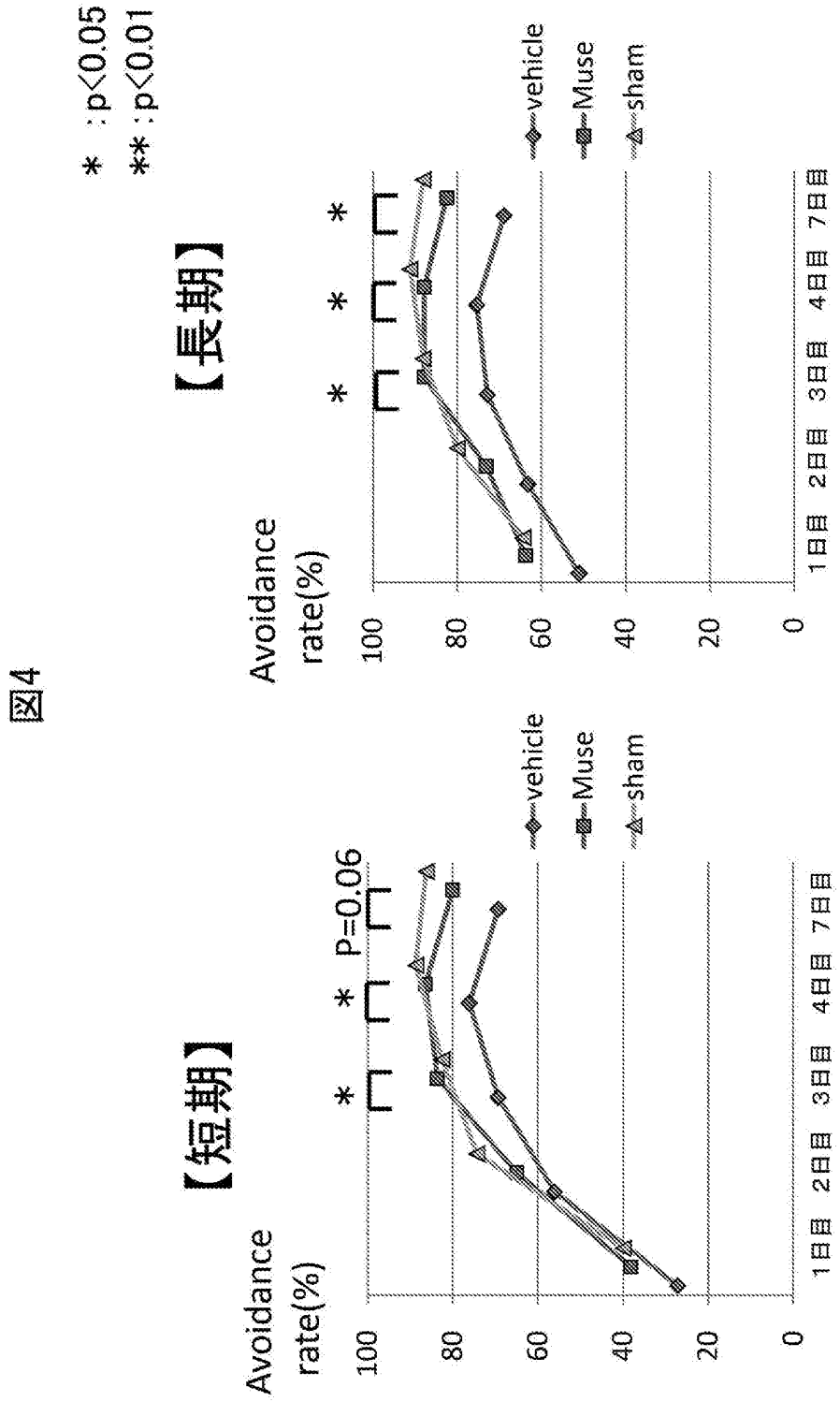
[図3]

図3


【短期】
【長期】
* :p<0.05
** :p<0.01
sham
vehicle
Muse
Distance
Time immobile
Central area
(m)
(秒)
1日目
2日目
3日目

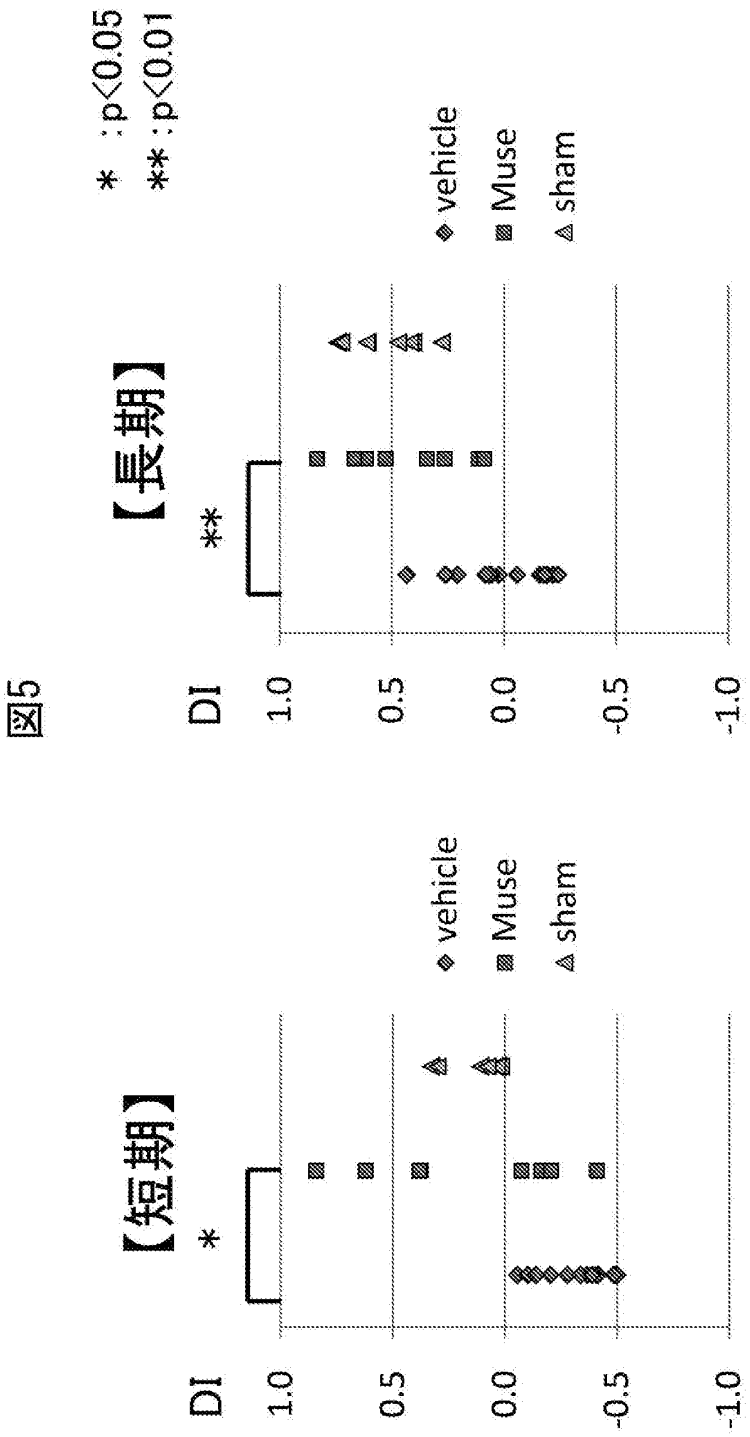
[図4]

図4


＊：p<0.05
＊＊：p<0.01
【短期】
【長期】
Avoidance rate(%)
100
80
60
40
20
0
＊
＊
＊
＊
＊
＊
P=0.06
vehicle
Muse
sham
1日目
2日目
3日目
4日目
7日目

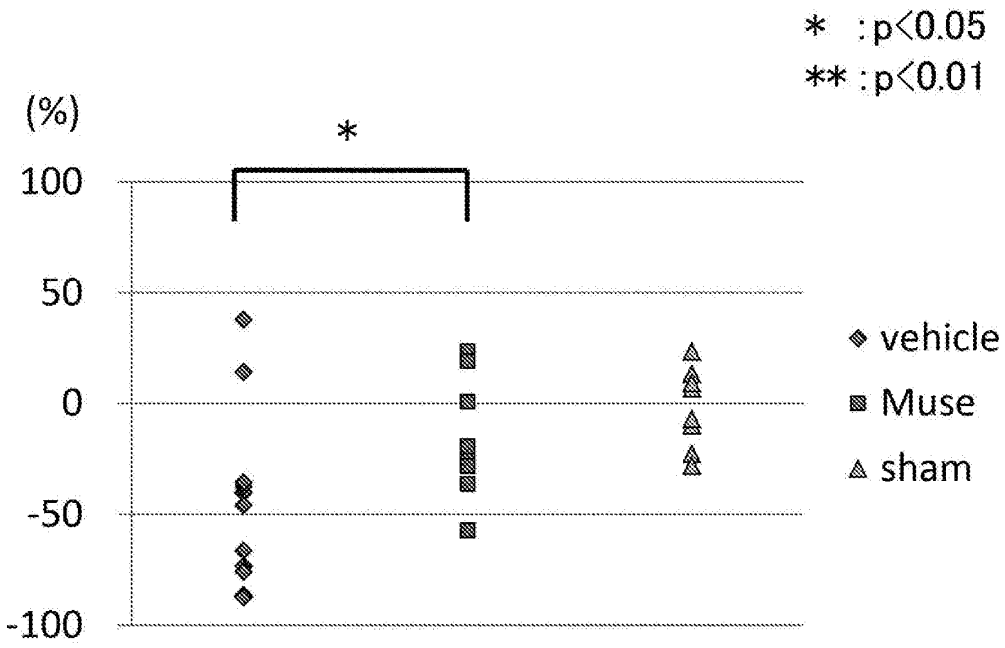
[図5]

図5



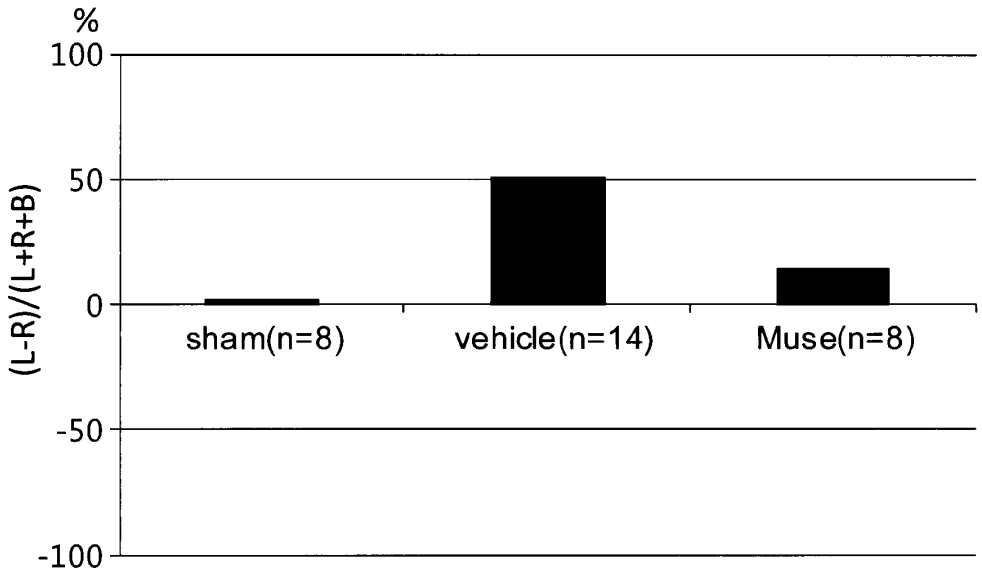
[図6A]

図6A



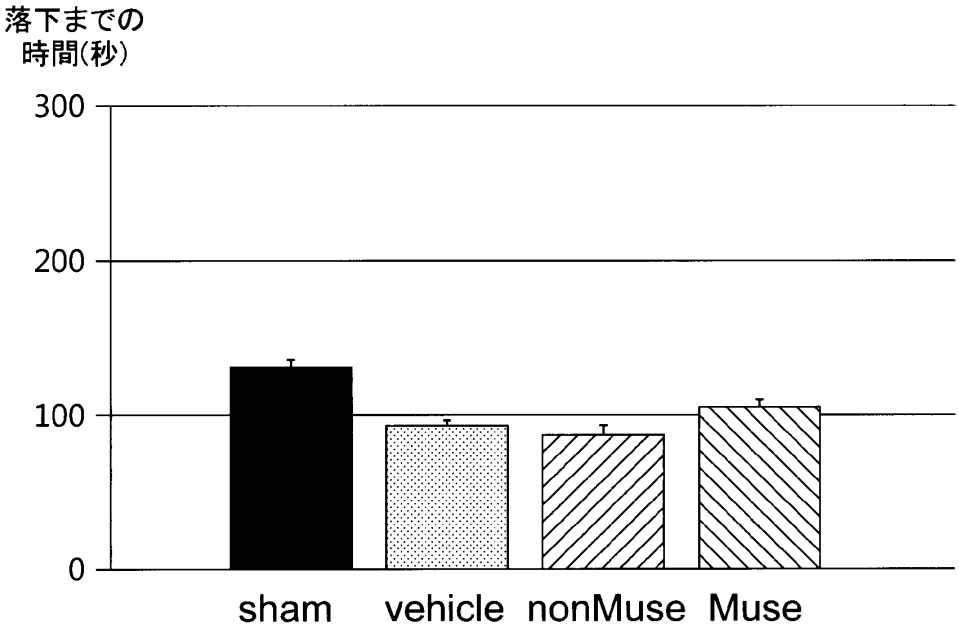
[図6B]

図6B



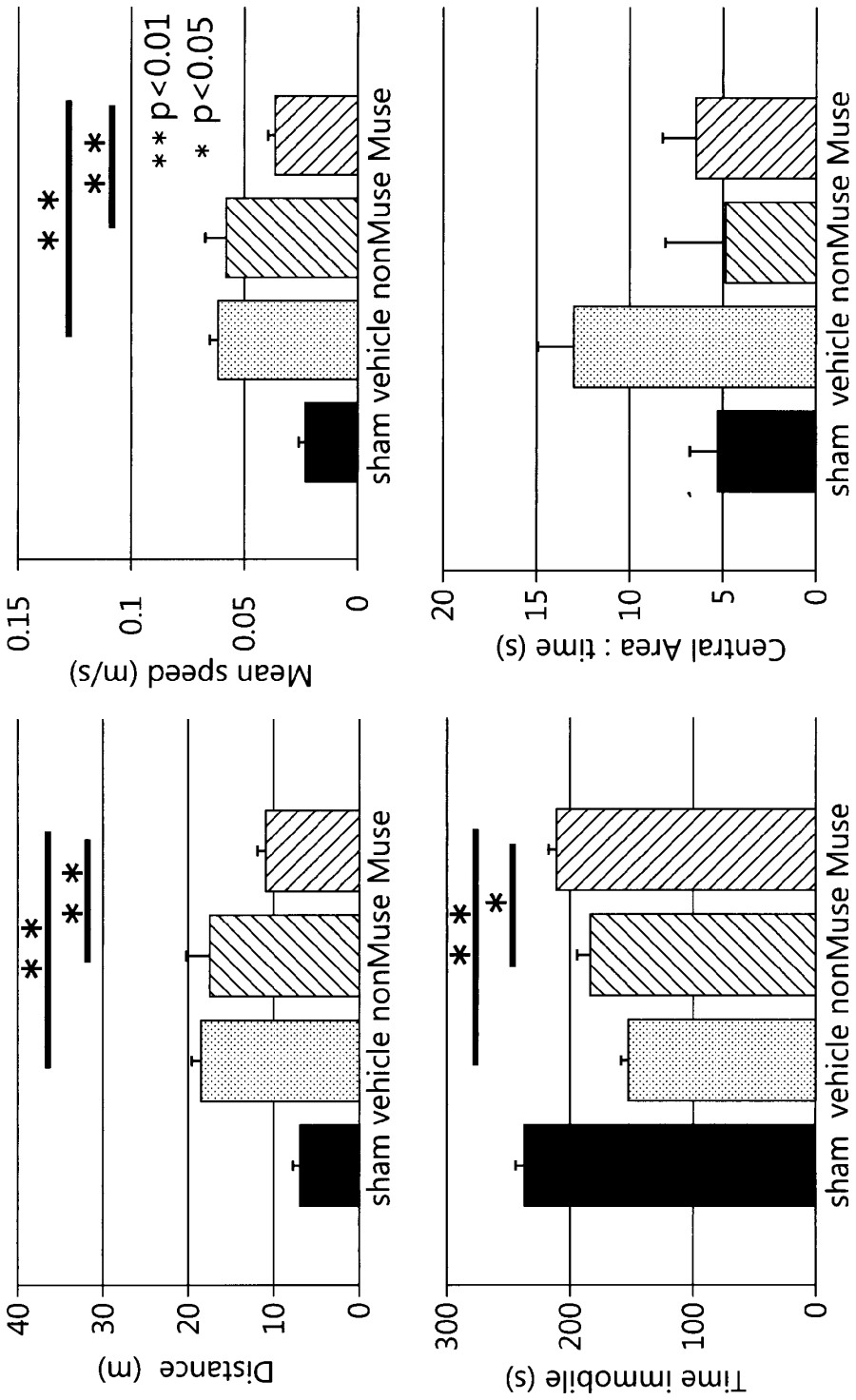
[図7]

図7



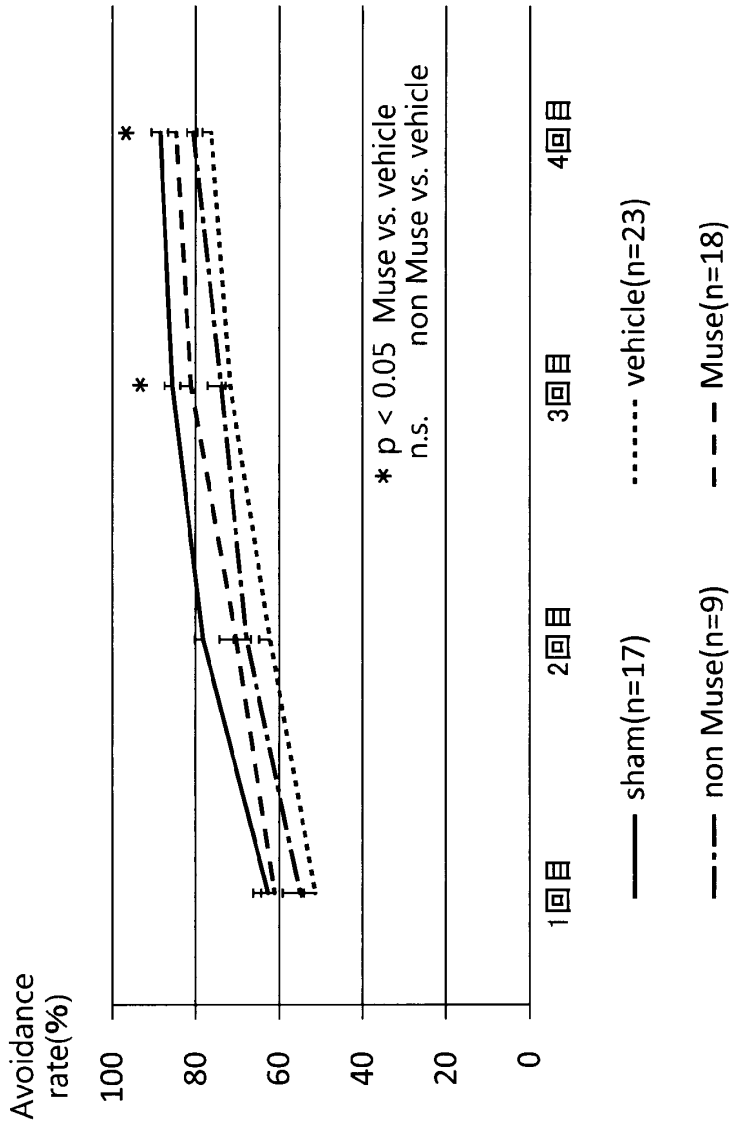
[図8]

図8


Mean speed (m/s)
0.15
0.1
0.05
0
** p<0.01
* p<0.05
sham vehicle nonMuse Muse
Central Area : time (s)
20
15
10
5
0
sham vehicle nonMuse Muse
Distance (m)
40
30
20
10
0
sham vehicle nonMuse Muse
Time immobile (s)
300
200
100
0
sham vehicle nonMuse Muse

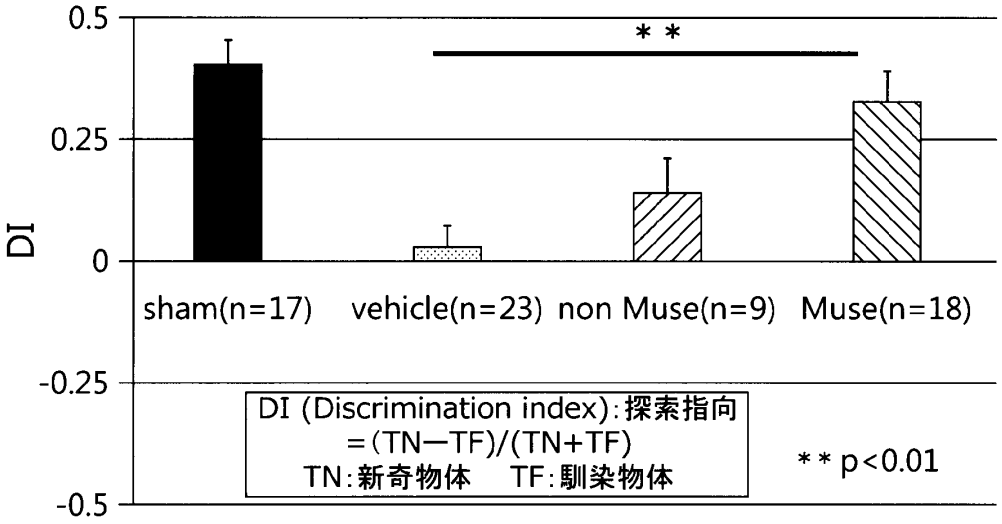
[図9]

図9


Avoidance rate(%)
100
80
60
40
20
0
1回目
2回目
3回目
4回目
*
*
* p < 0.05 Muse vs. vehicle
n.s. non Muse vs. vehicle
sham(n=17)
vehicle(n=23)
non Muse(n=9)
Muse(n=18)

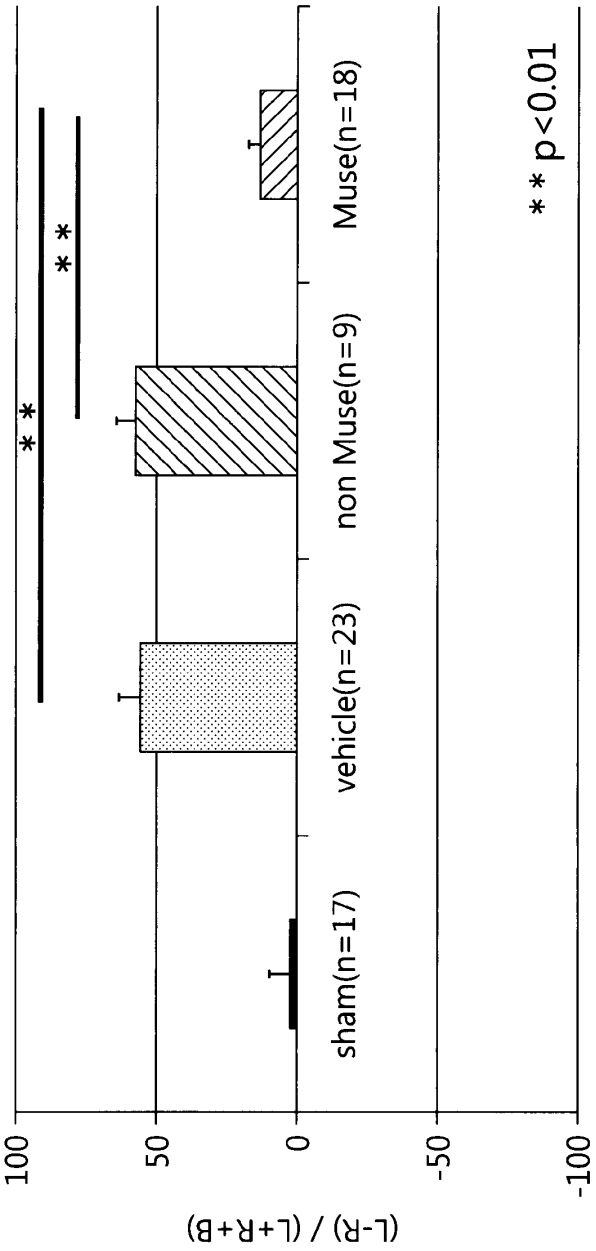
[図10]

図10


0.5
0.25
0
-0.25
-0.5
DI
＊＊
sham(n=17)
vehicle(n=23)
non Muse(n=9)
Muse(n=18)
DI (Discrimination index):探索指向
=(TN−TF)/(TN+TF)
TN:新奇物体 TF:馴染物体
＊＊ p<0.01

[図11]

図11


100
50
0
-50
-100
(L-R) / (L+R+B)
sham(n=17)
vehicle(n=23)
non Muse(n=9)
Muse(n=18)
** p<0.01
**
**

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[図12]

図12

