

1/58

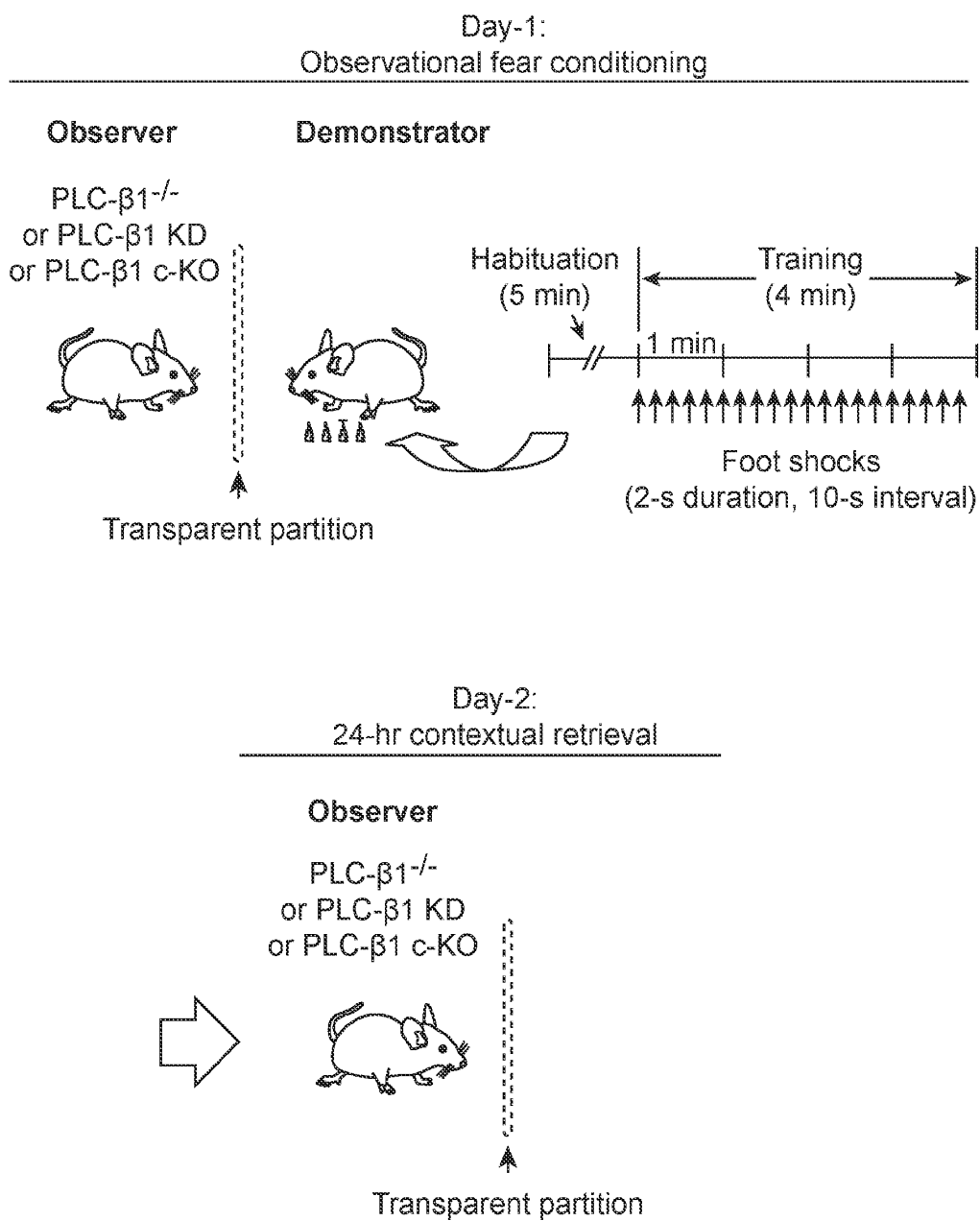


FIG. 1A

2/58

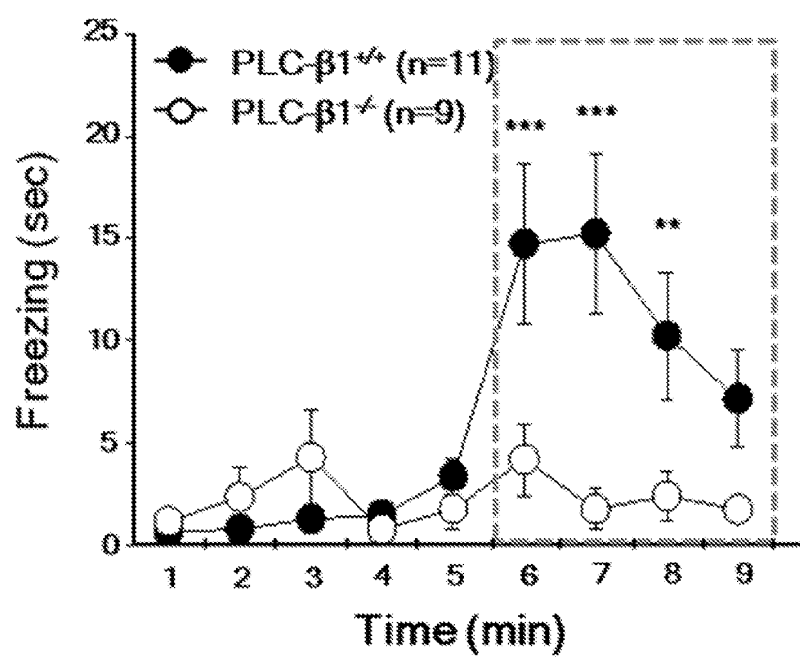


FIG. 1B

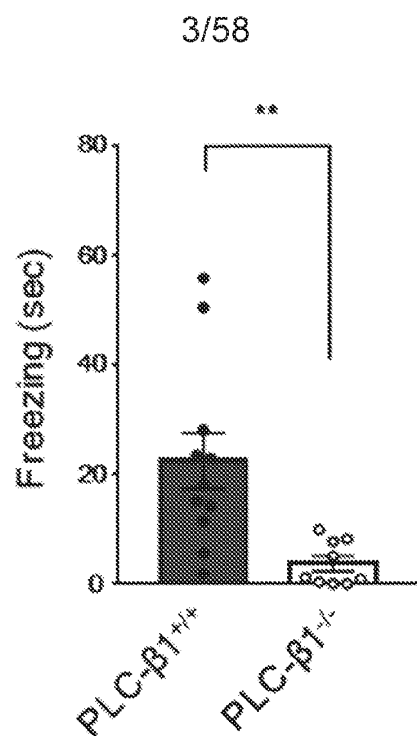


FIG. 1C

Lenti-shPLC- $\beta 1$ -GFP
or Lenti-shSCR-GFP

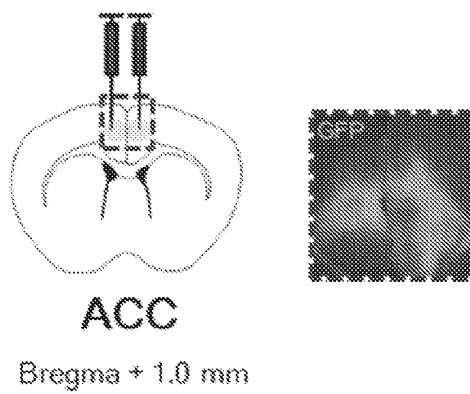


FIG. 1D

4/58

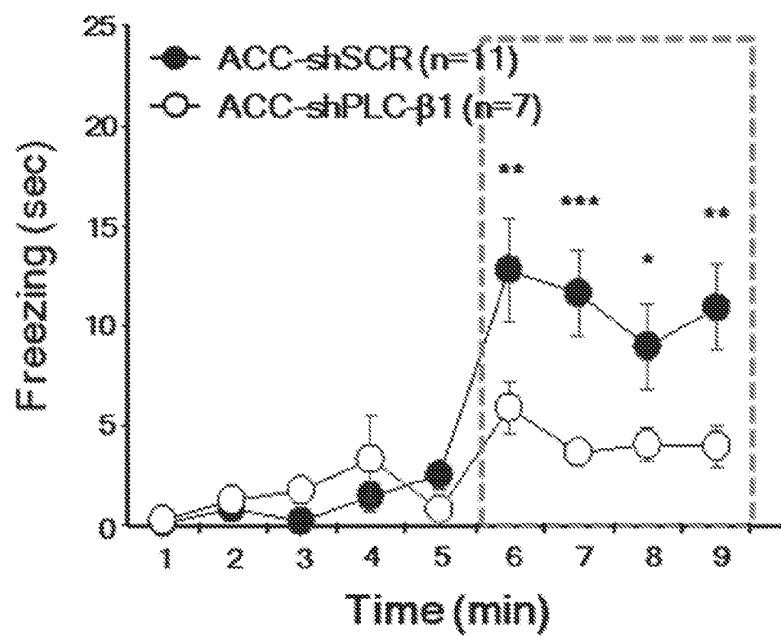


FIG. 1E

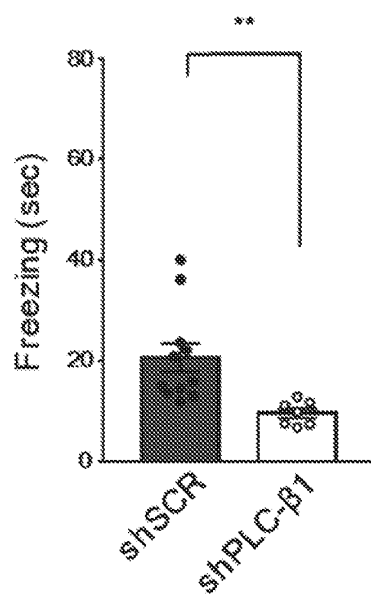


FIG. 1F

5/58

Lenti-shPLC- β 1-GFP
or Lenti-shSCR-GFP

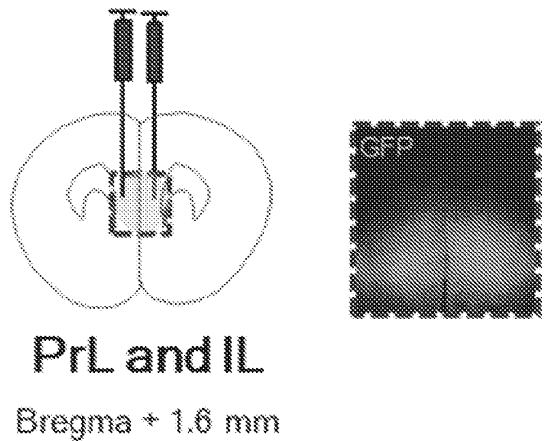


FIG. 1G

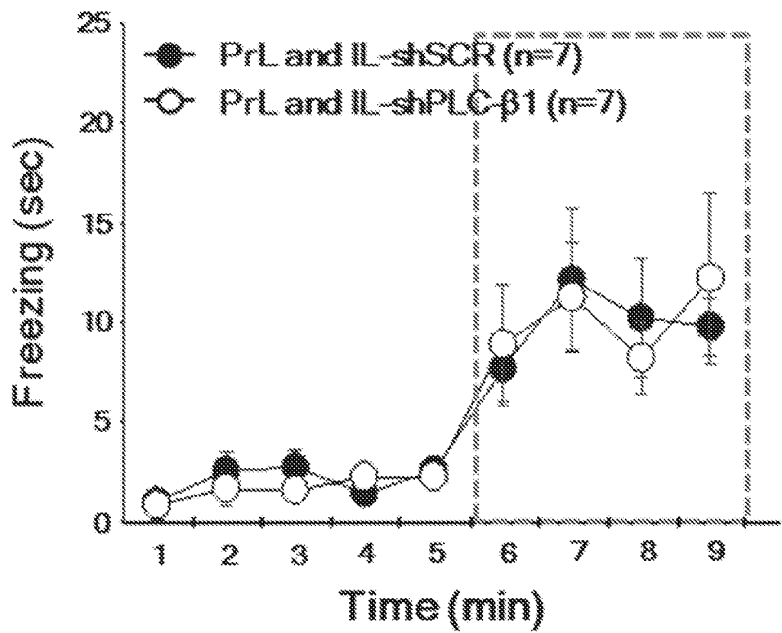


FIG. 1H

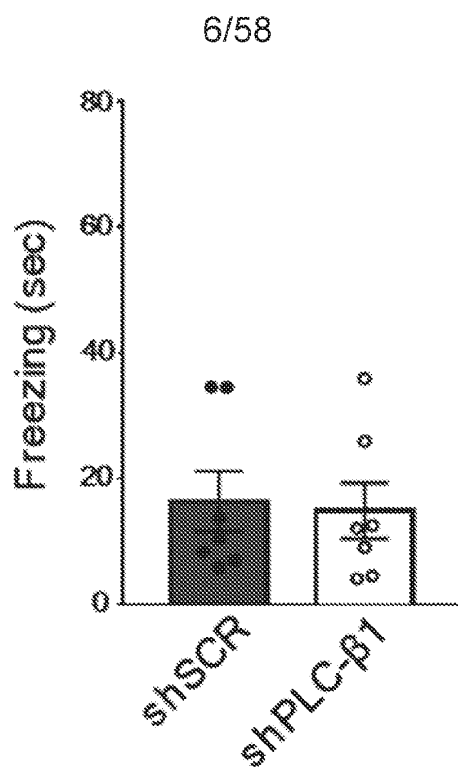


FIG. 1I

AAV-CaMKII α -GFP-Cre
or AAV-CaMKII α -GFP

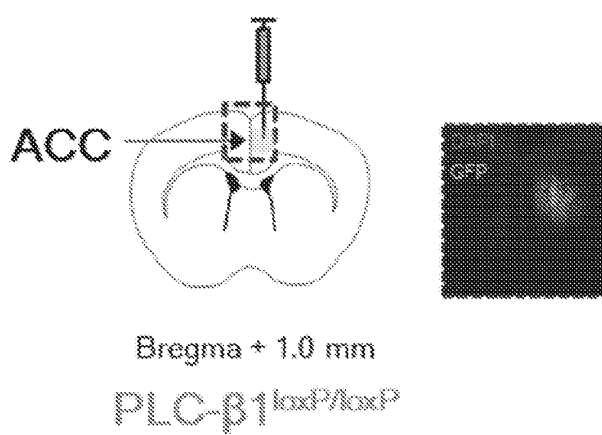


FIG. 1J

7/58

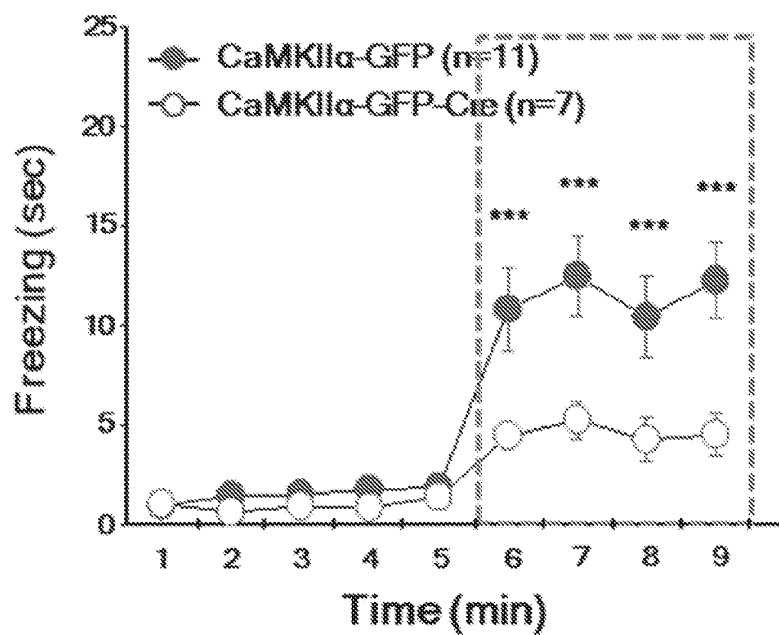


FIG. 1K

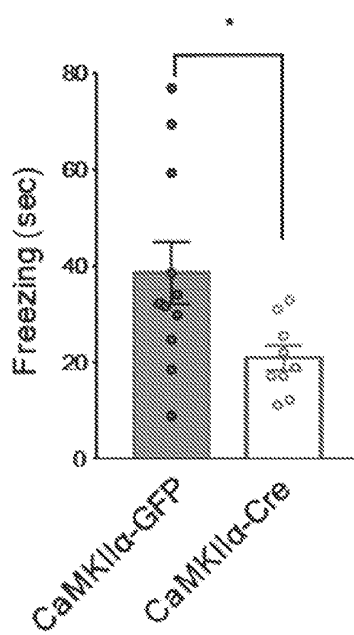


FIG. 1L

8/58

AAV-loxP-shPLC- β 1-mCherry-loxP
or AAV-loxP-shSCR-mCherry-loxP

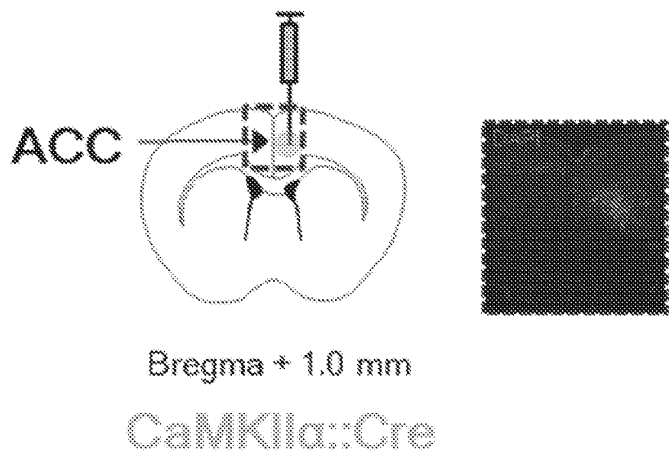


FIG. 1M

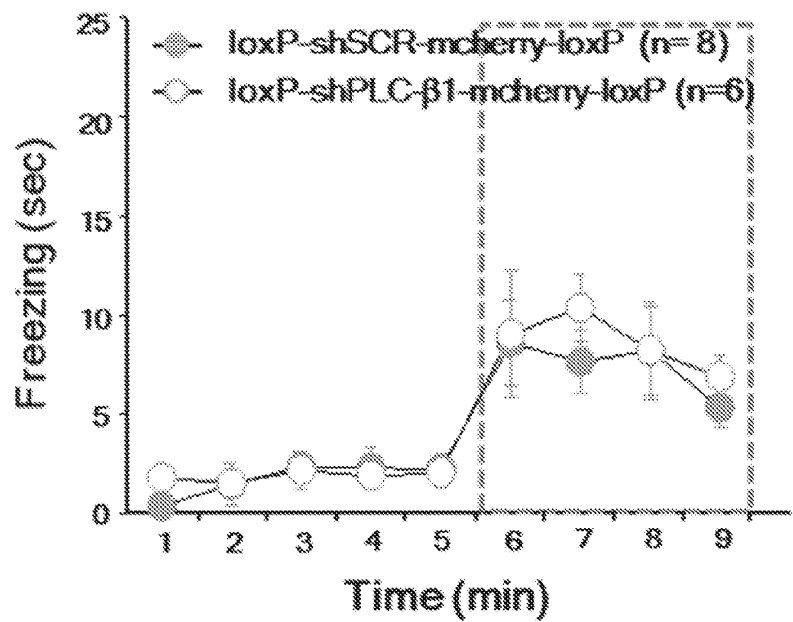


FIG. 1N

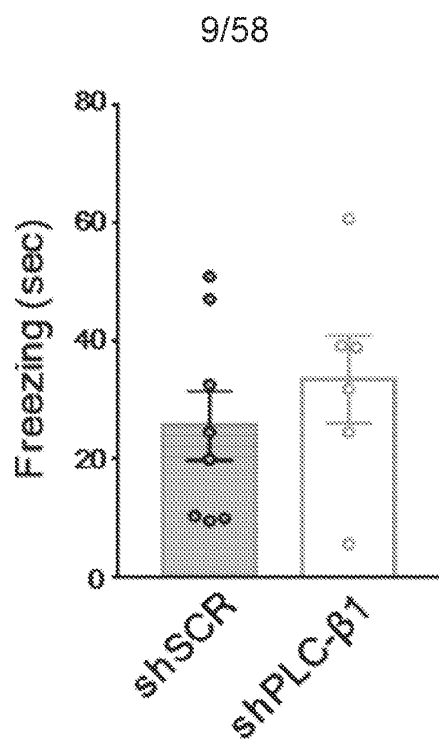


FIG. 10

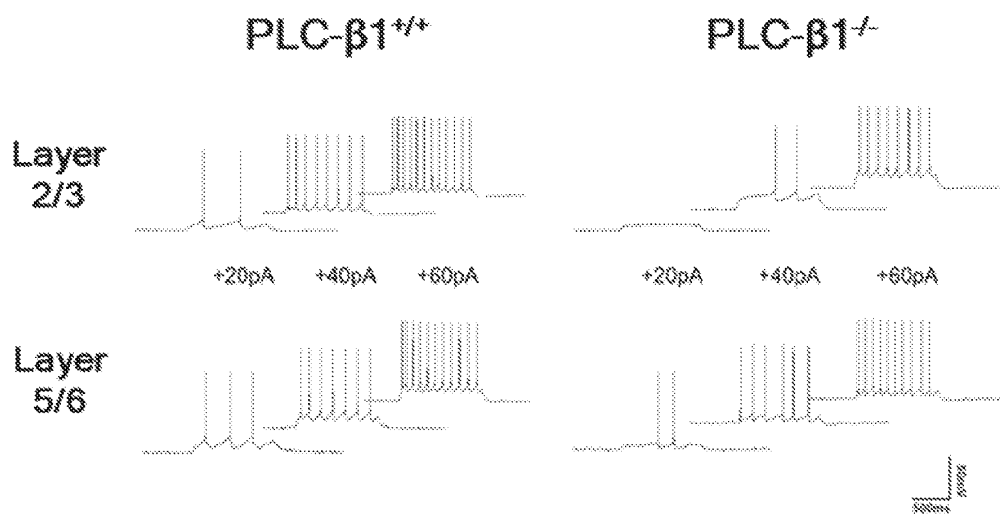


FIG. 1P

10/58

ACC

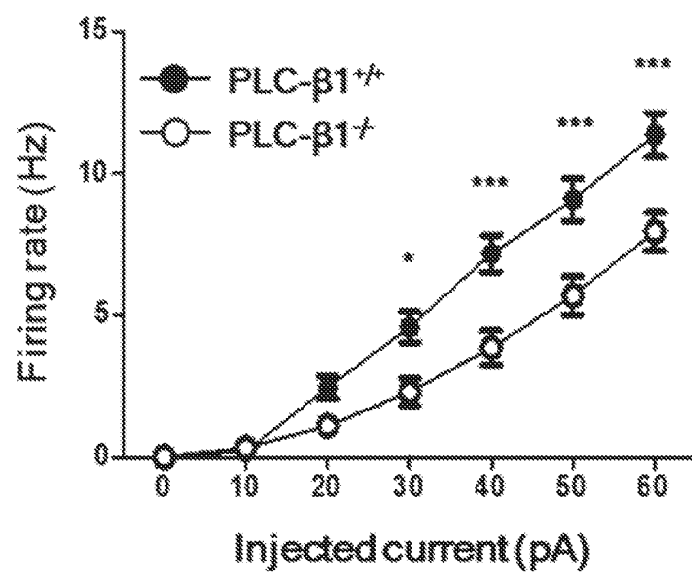


FIG. 1Q

ACC layer 2/3

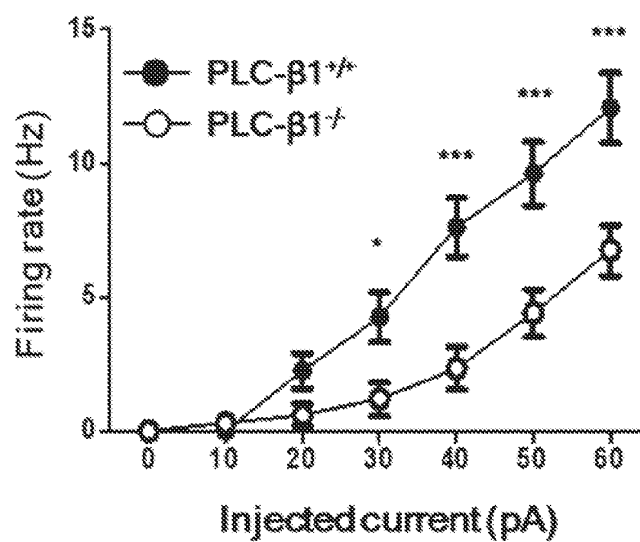


FIG. 1R

11/58

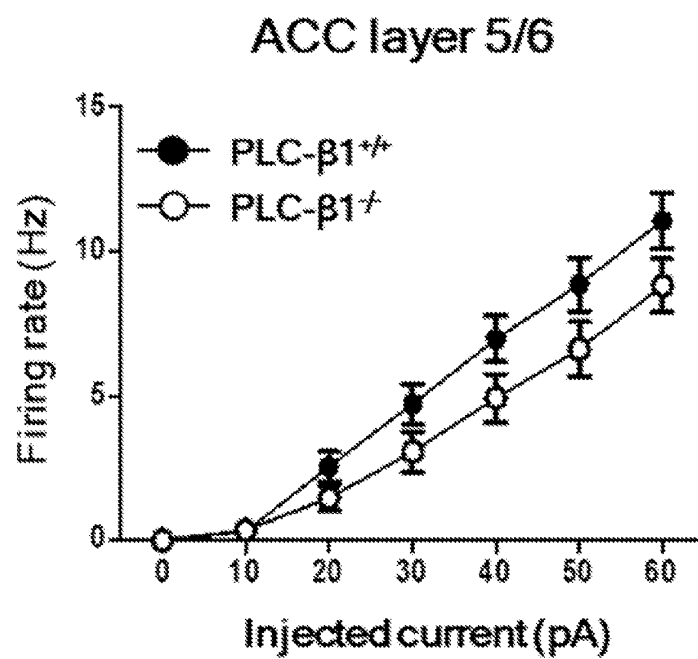


FIG. 1S

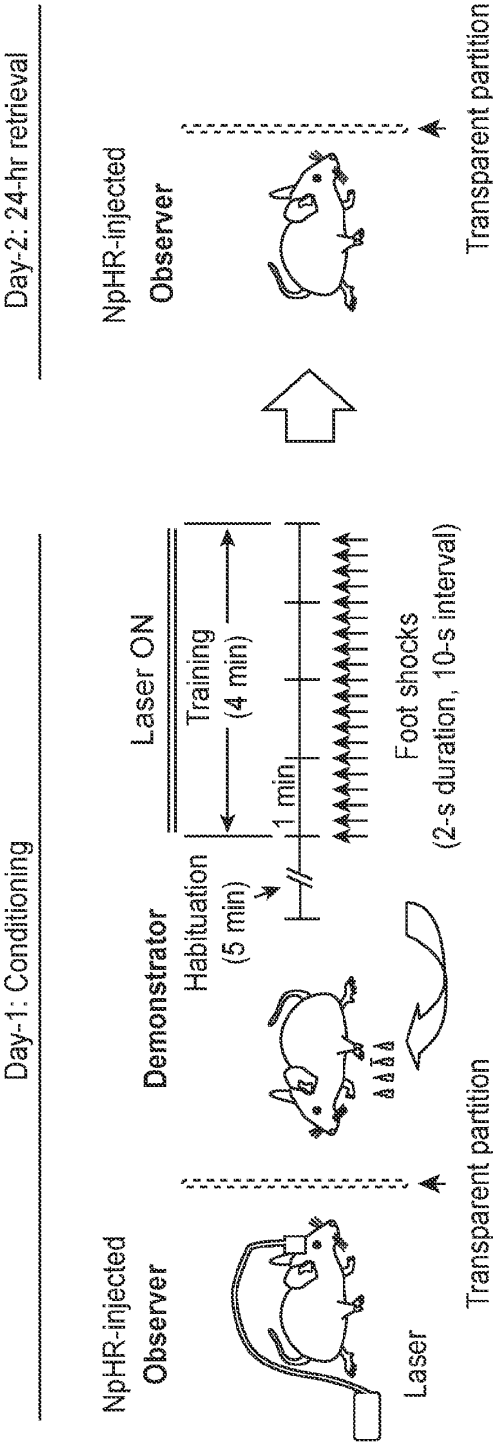


FIG. 2A

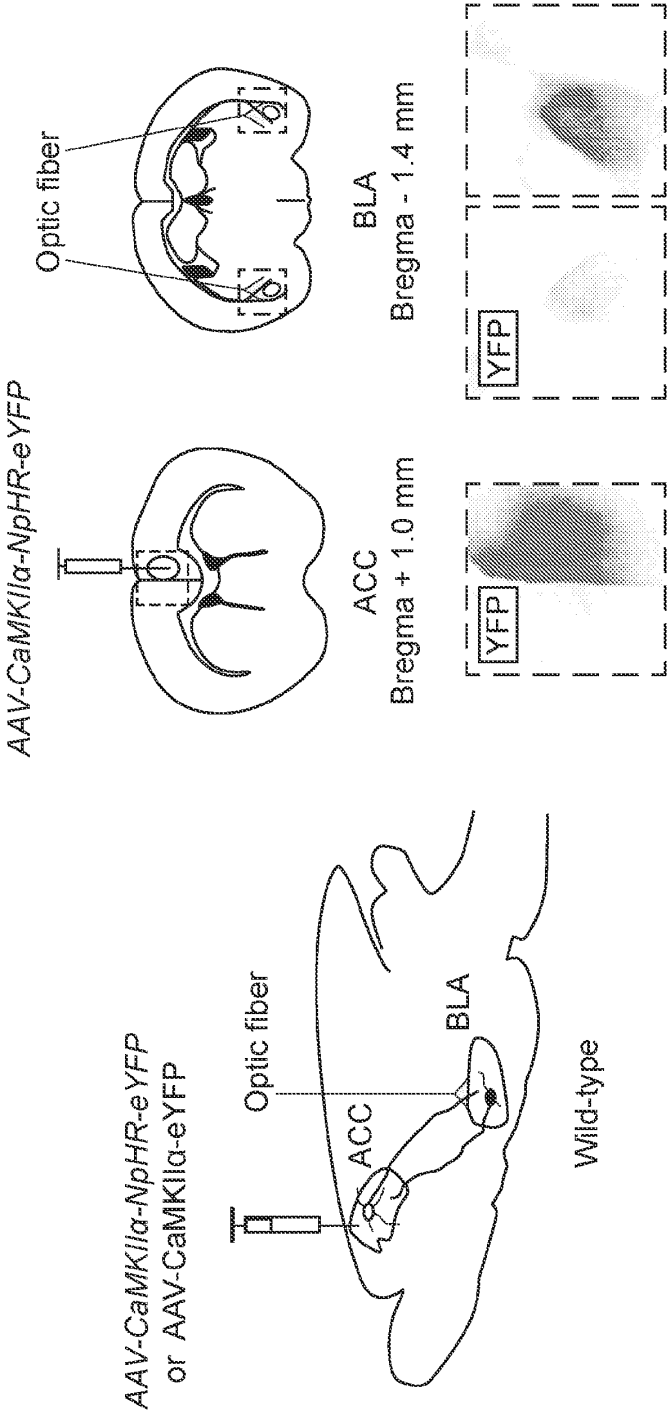


FIG. 2B

14/58

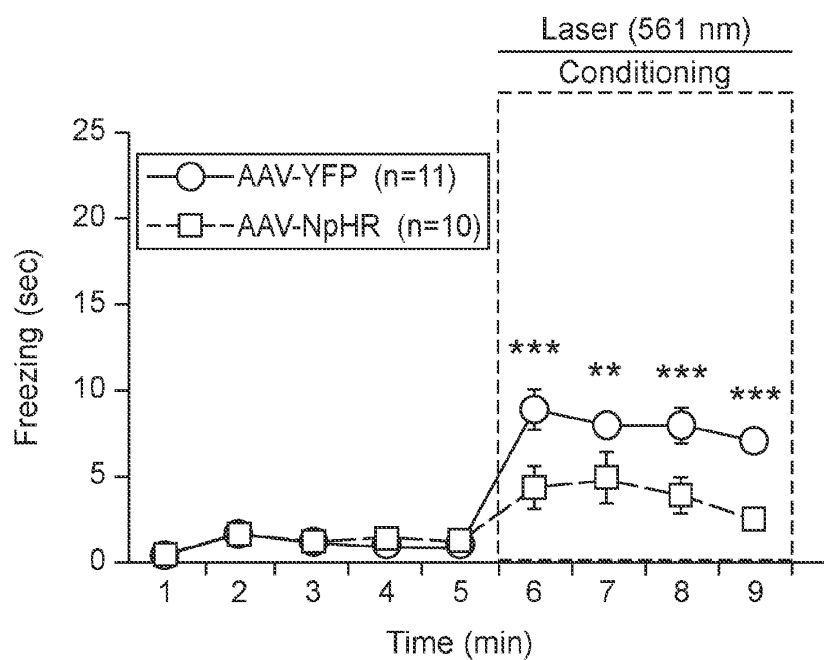


FIG. 2C

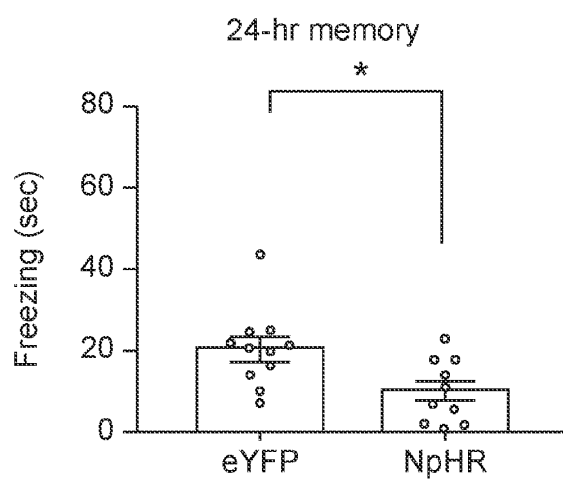


FIG. 2D

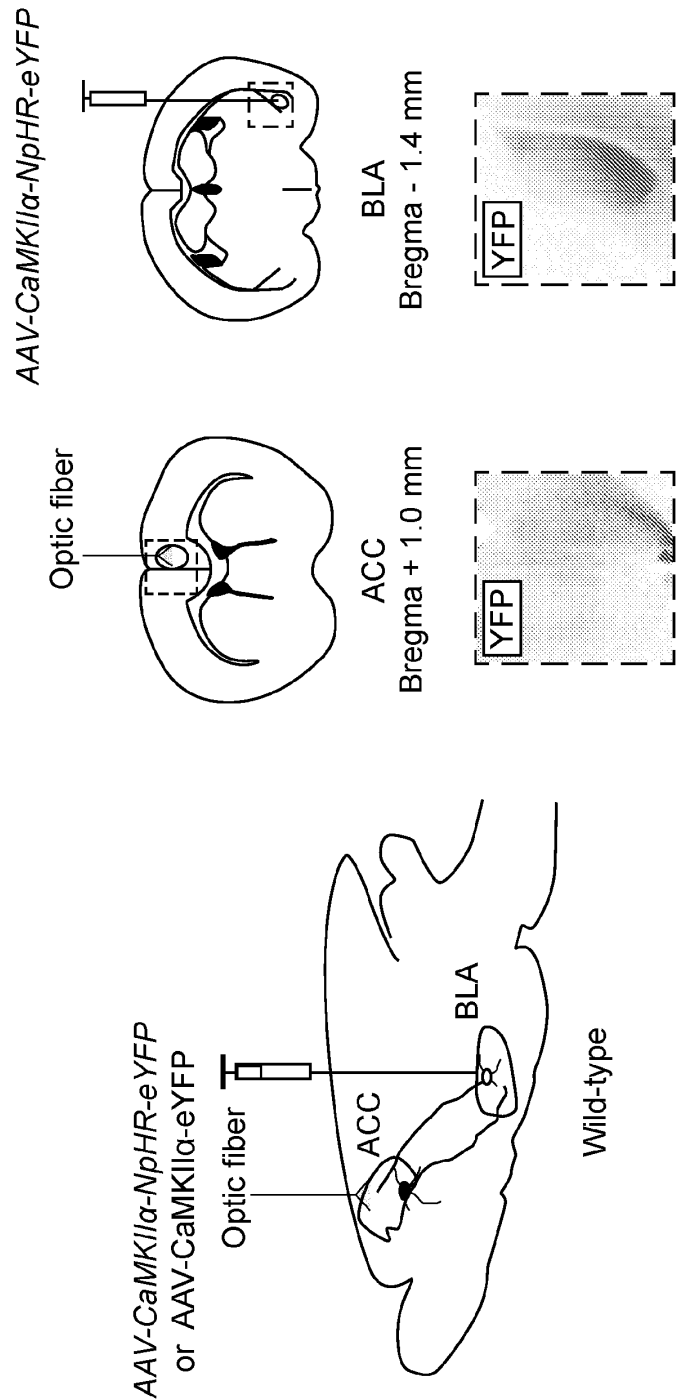


FIG. 2E

16/58

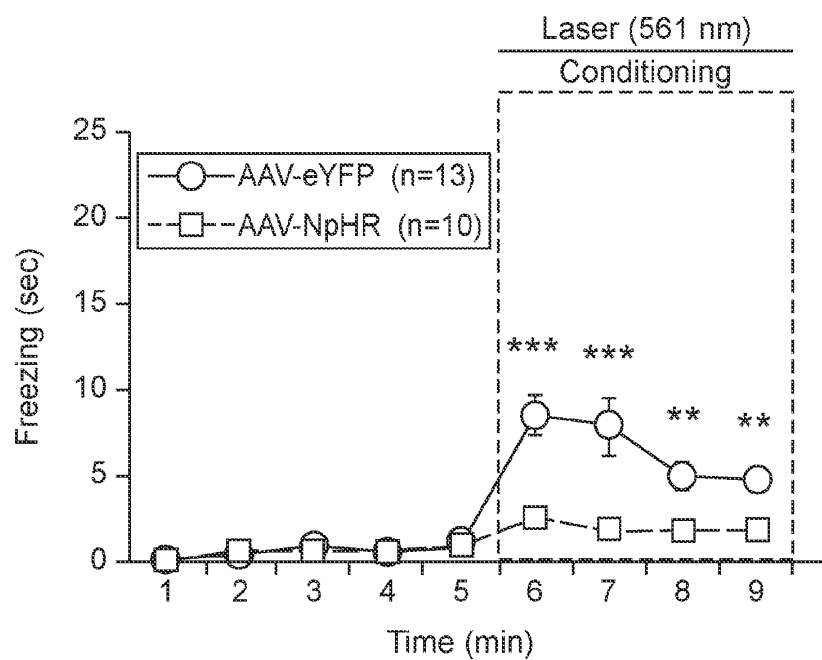


FIG. 2F

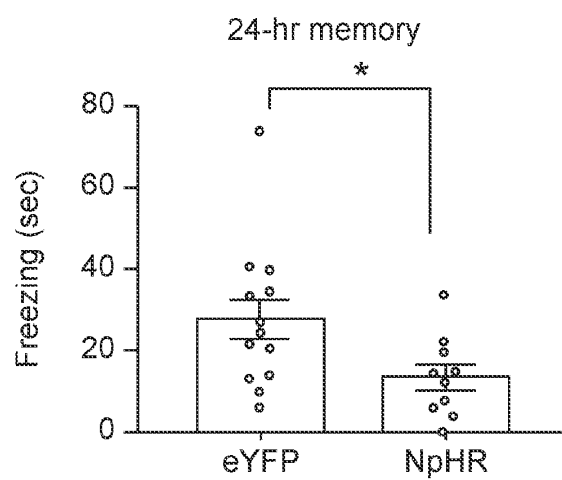


FIG. 2G

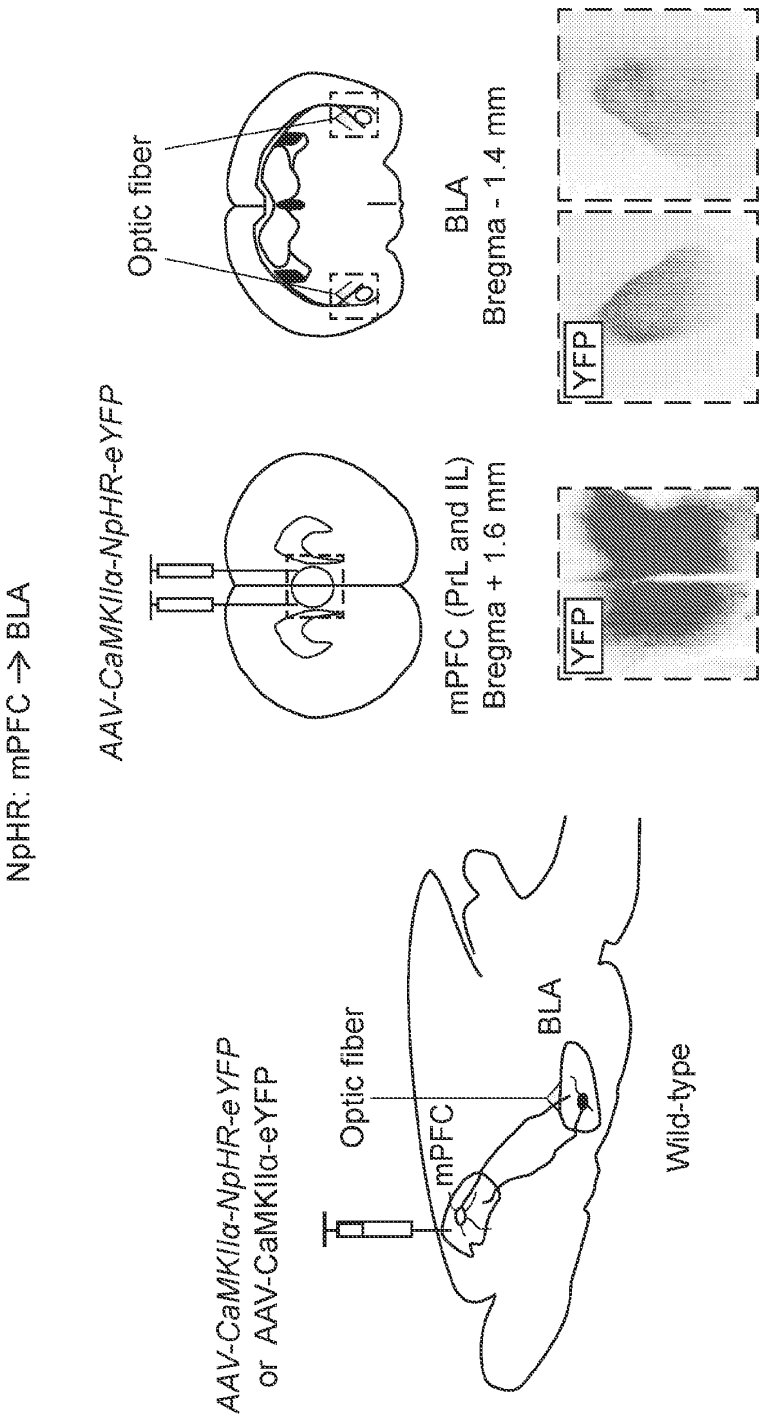


FIG. 2H

18/58

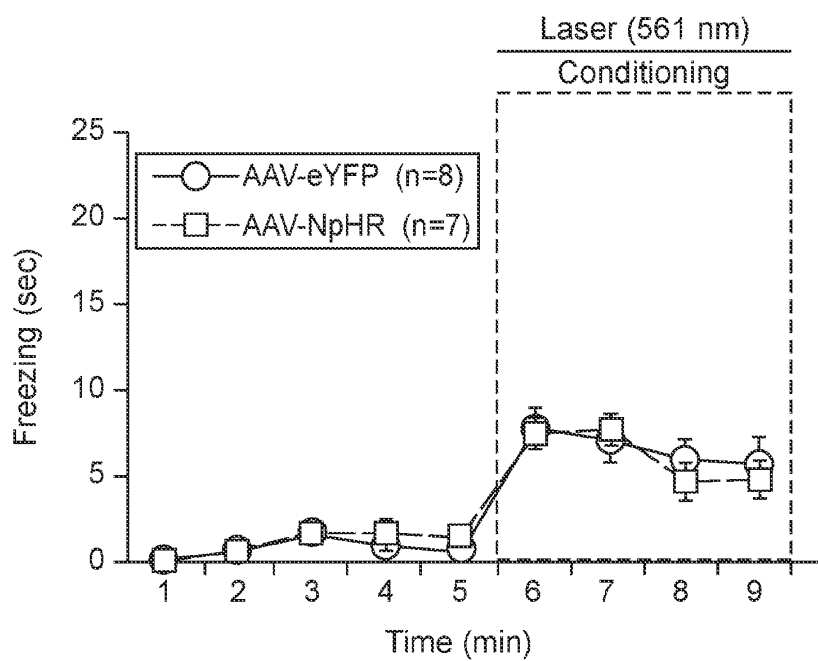


FIG. 2I

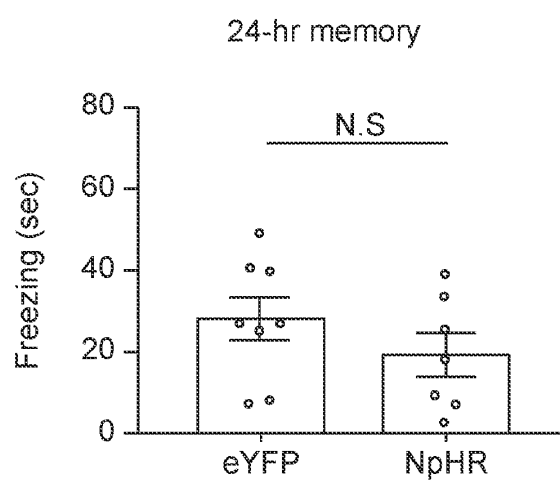


FIG. 2J

19/58

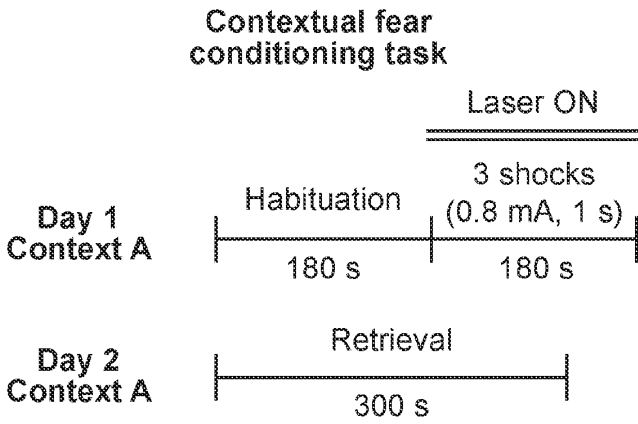


FIG. 2K

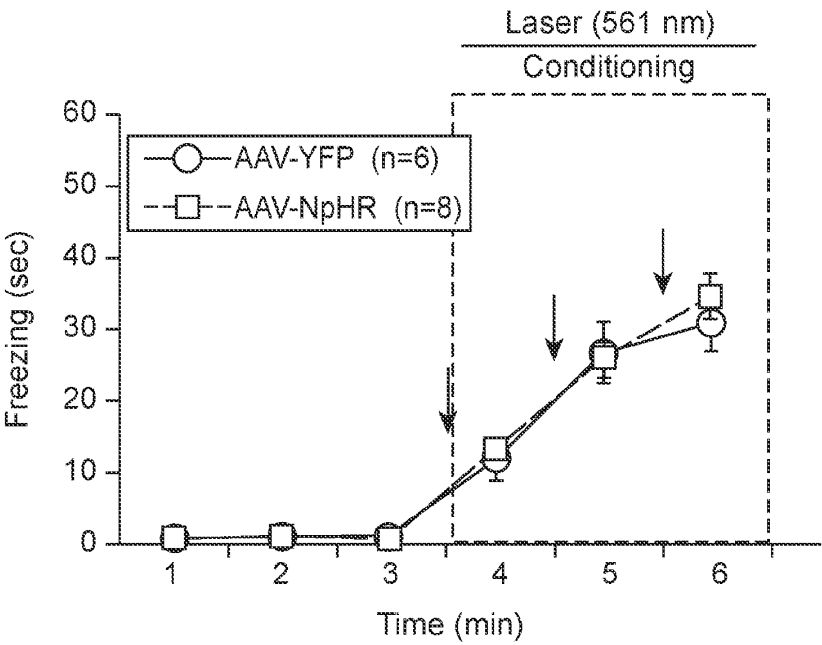


FIG. 2L

20/58

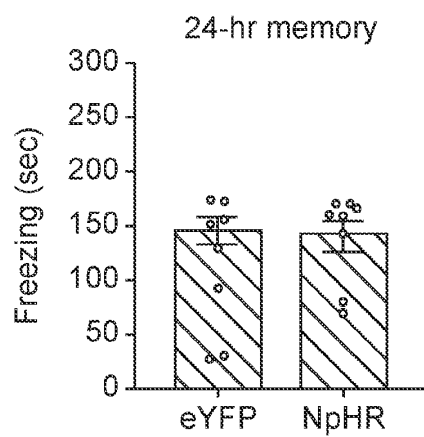


FIG. 2M

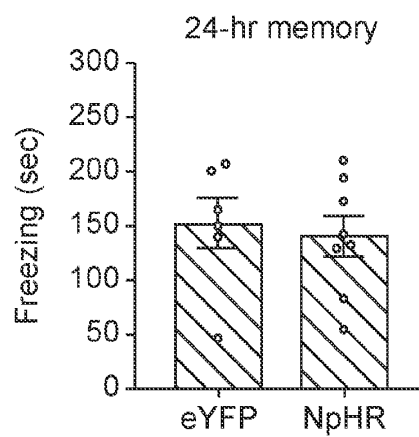


FIG. 2O

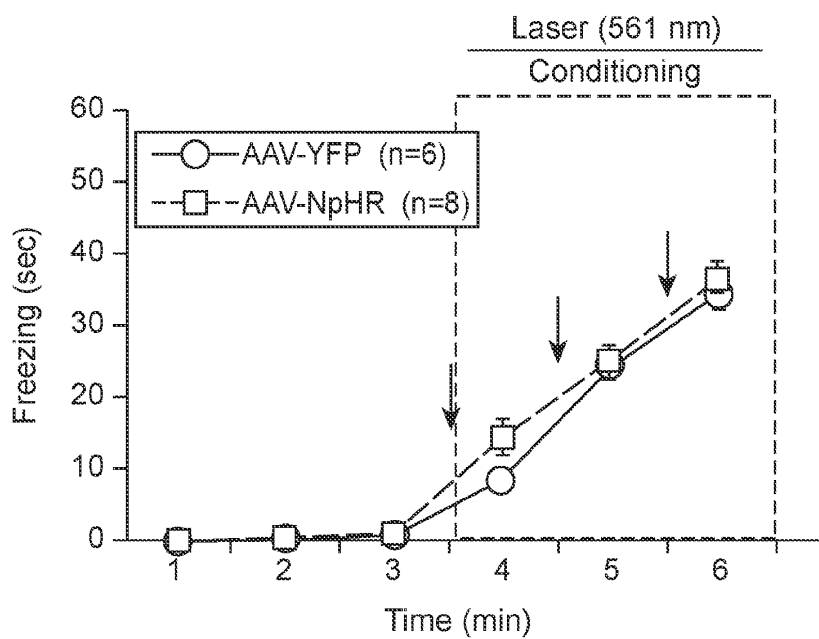


FIG. 2N

21/58

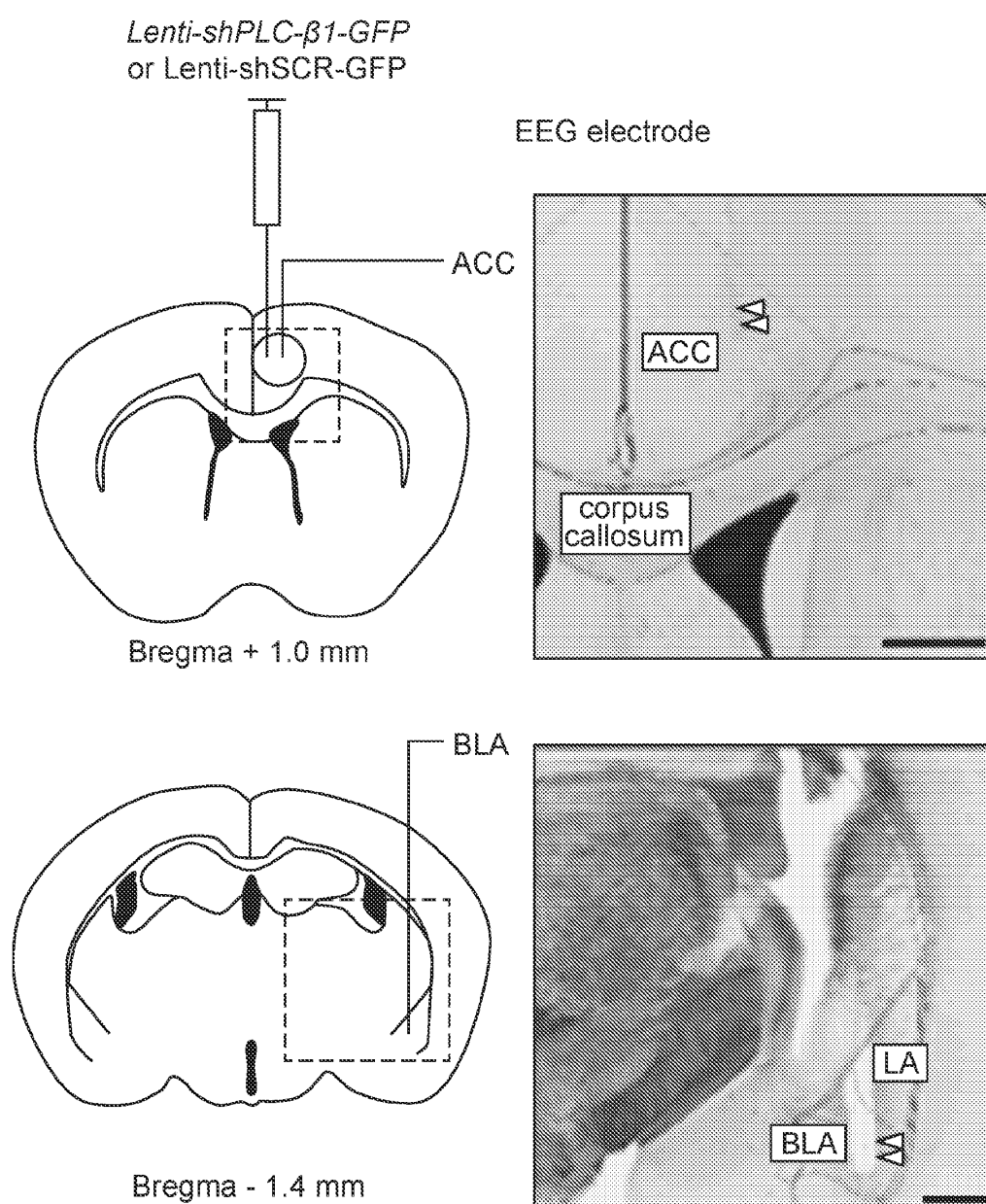


FIG. 3A

Conditioning

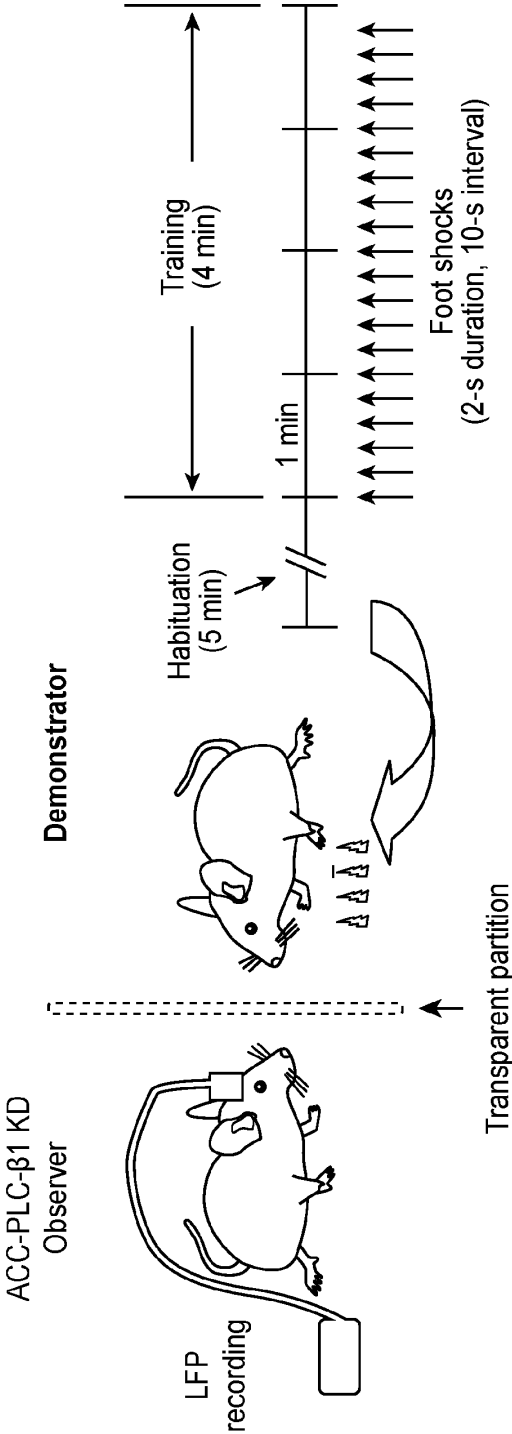


FIG. 3B

23/58

Habituation

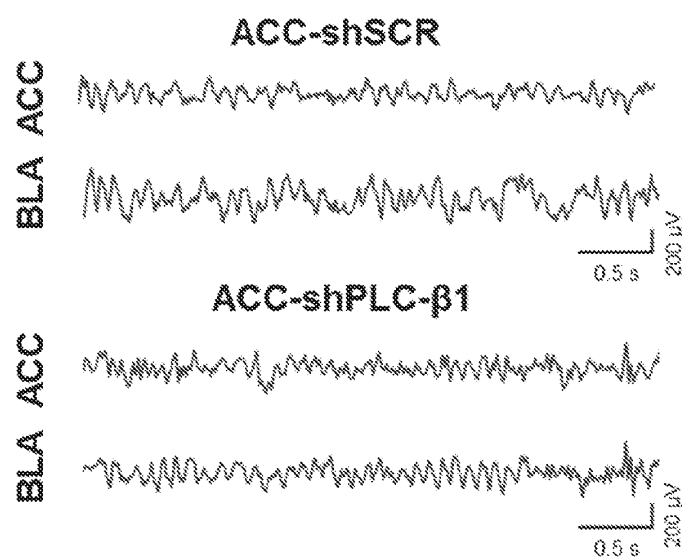


FIG. 3C

Conditioning

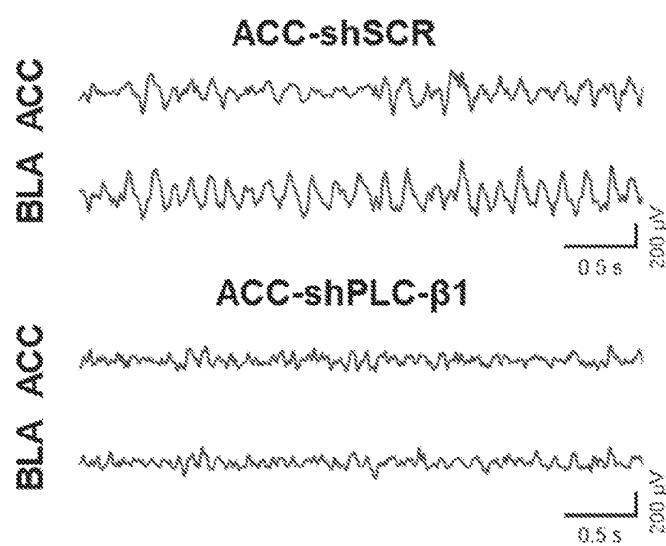
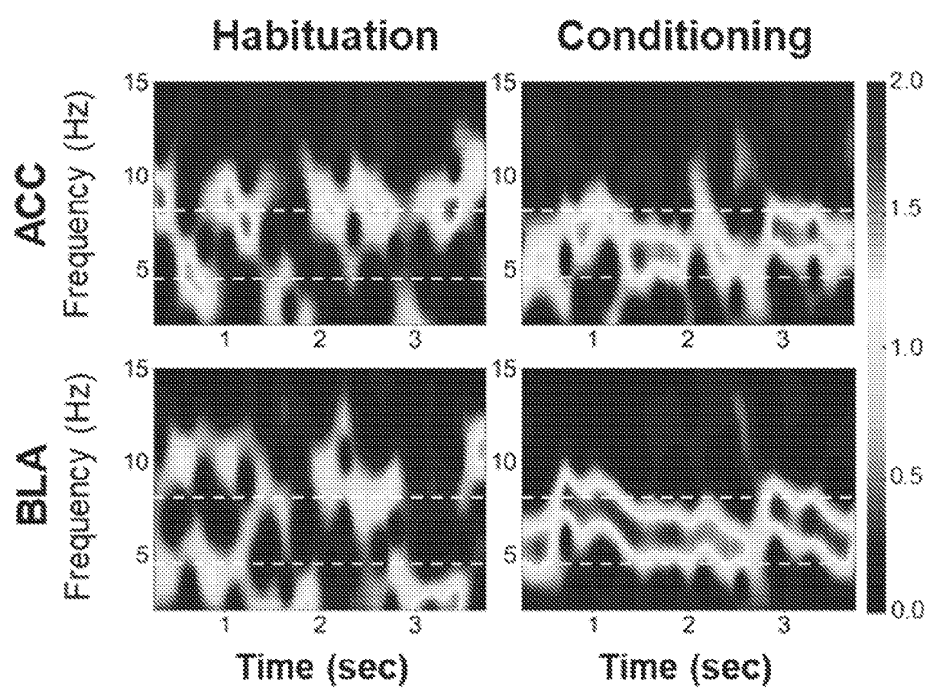


FIG. 3D

24/58

ACC-shSCR**FIG. 3E**

ACC-shPLC-β1

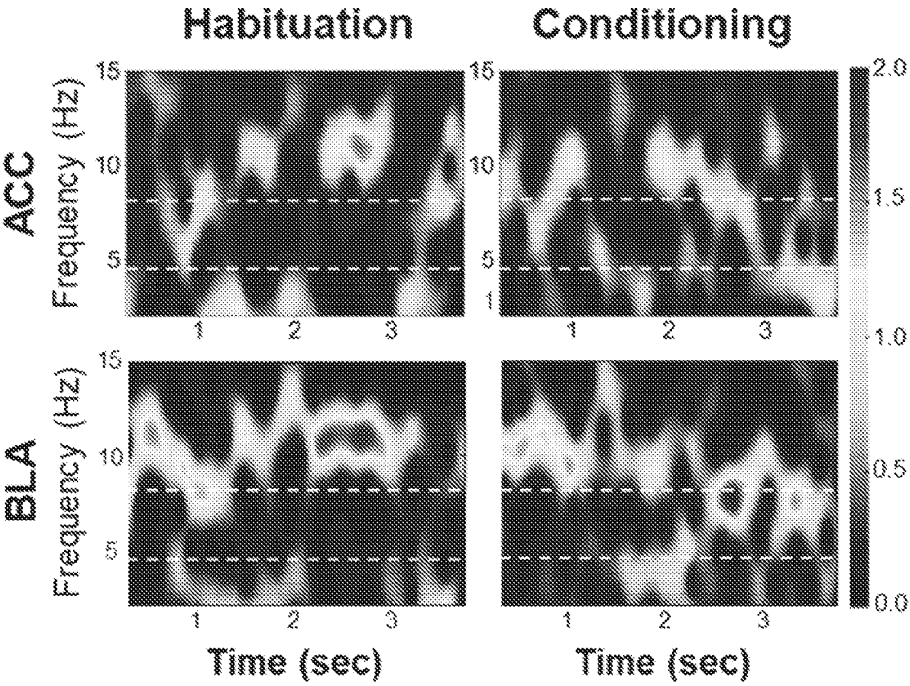


FIG. 3F

ACC-shSCR

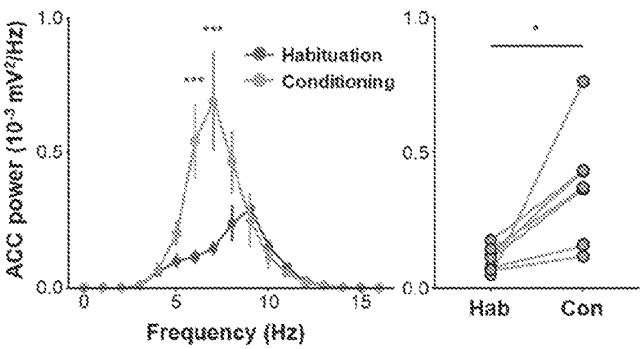


FIG. 3G

26/58

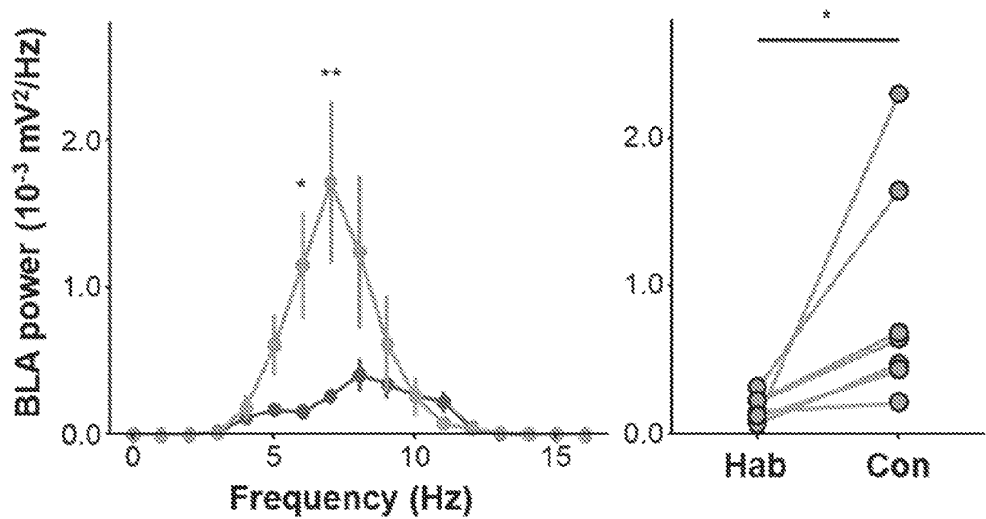


FIG. 3H

ACC-shPLC-β1

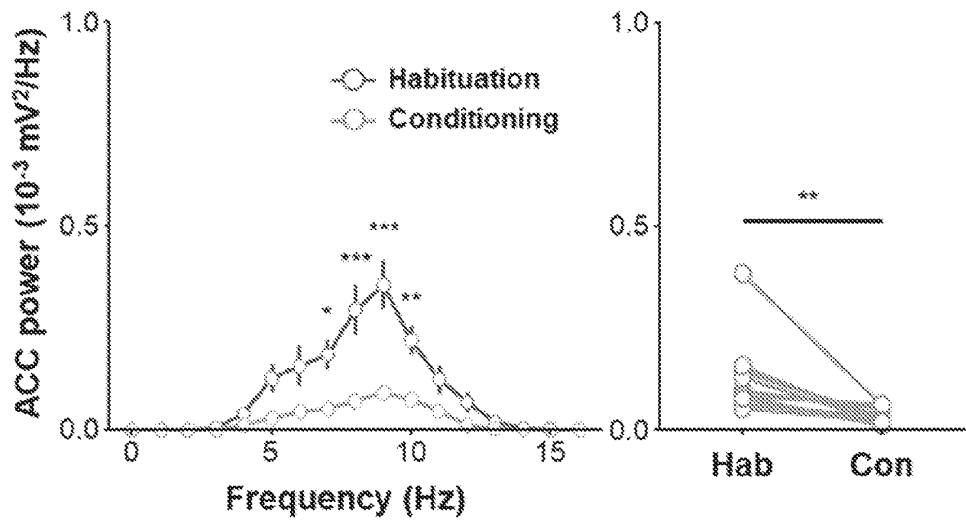


FIG. 3I

27/58

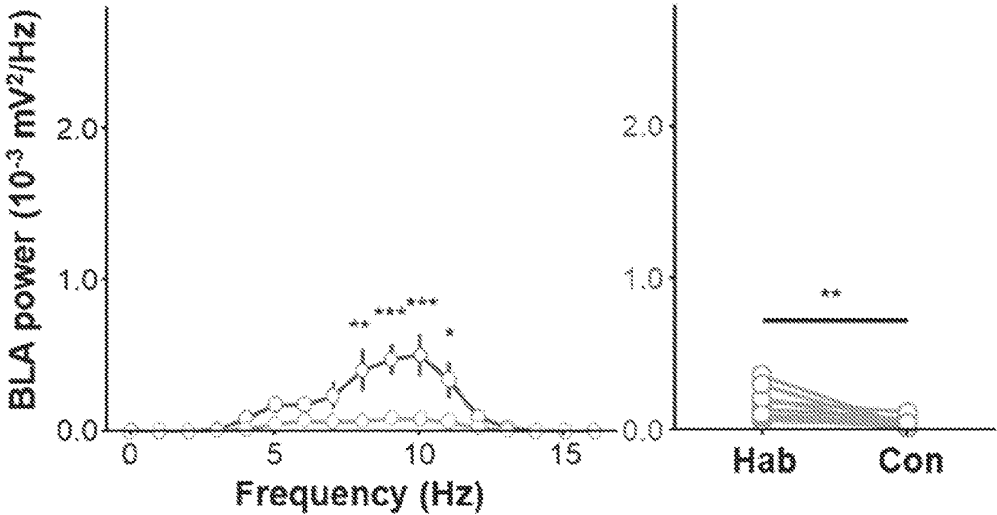


FIG. 3J

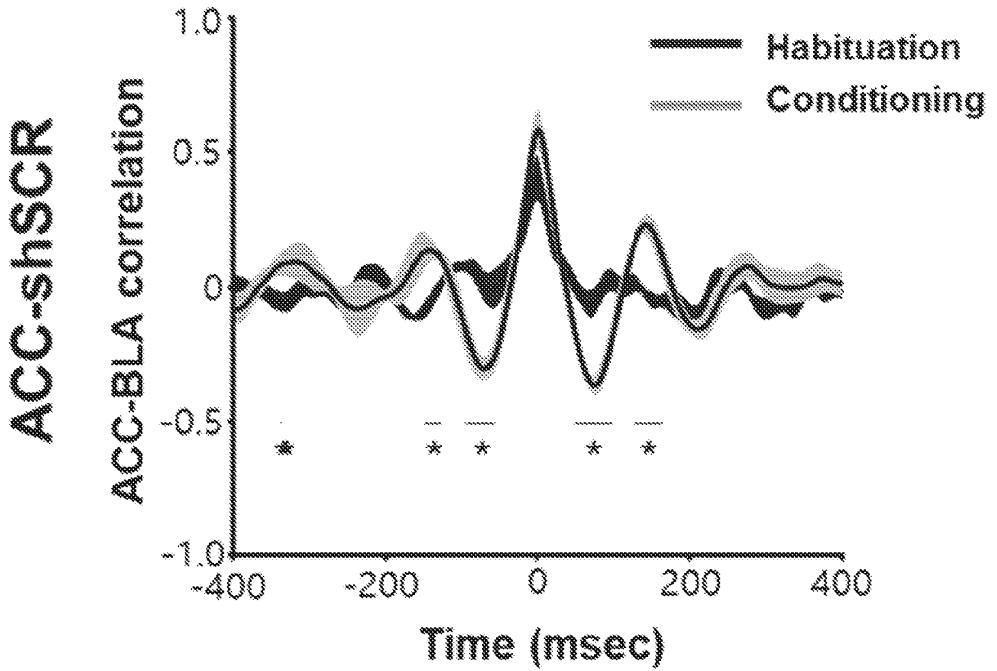


FIG. 3K

28/58

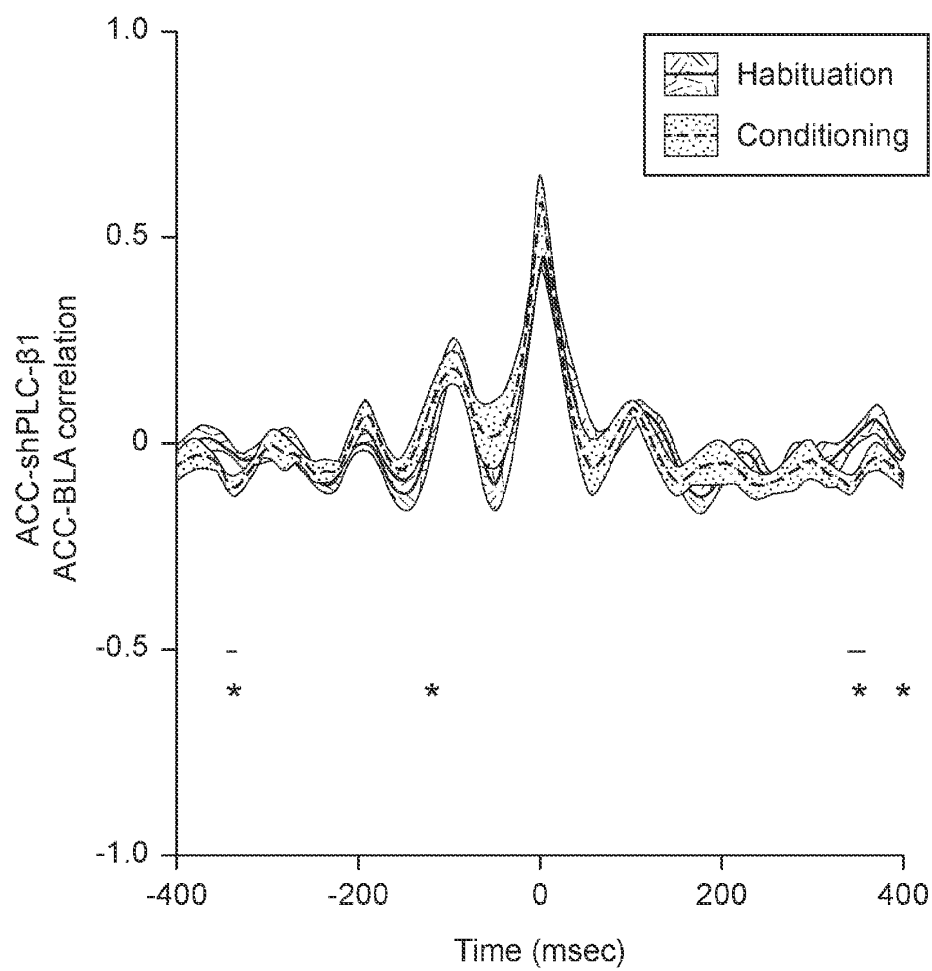


FIG. 3L

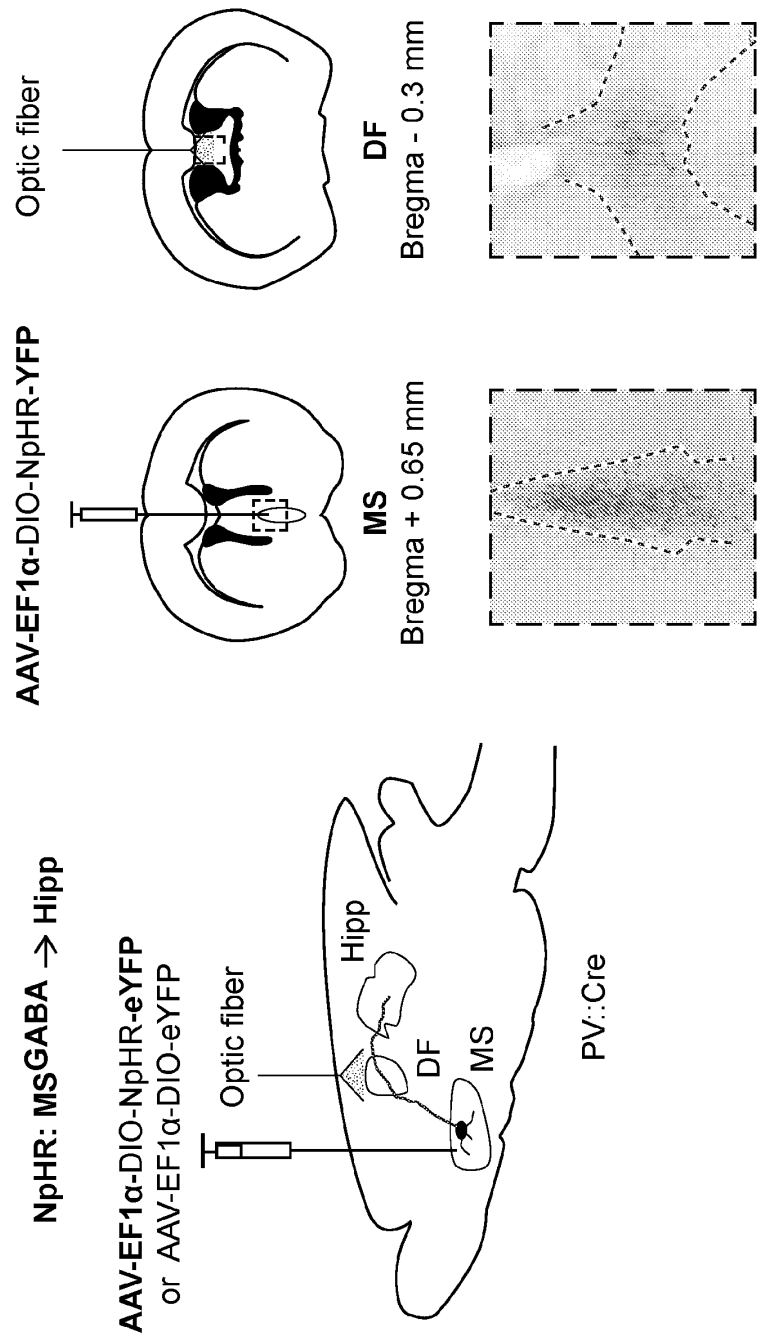


FIG. 4A

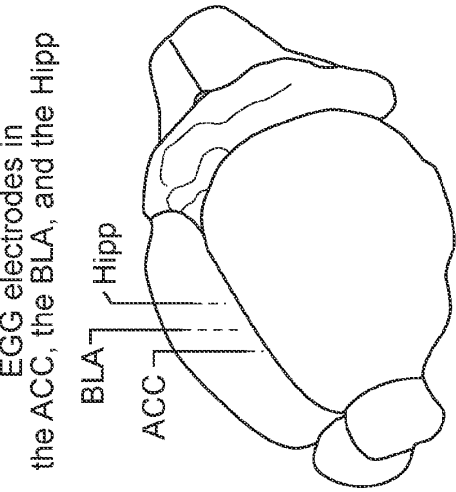


FIG. 4B

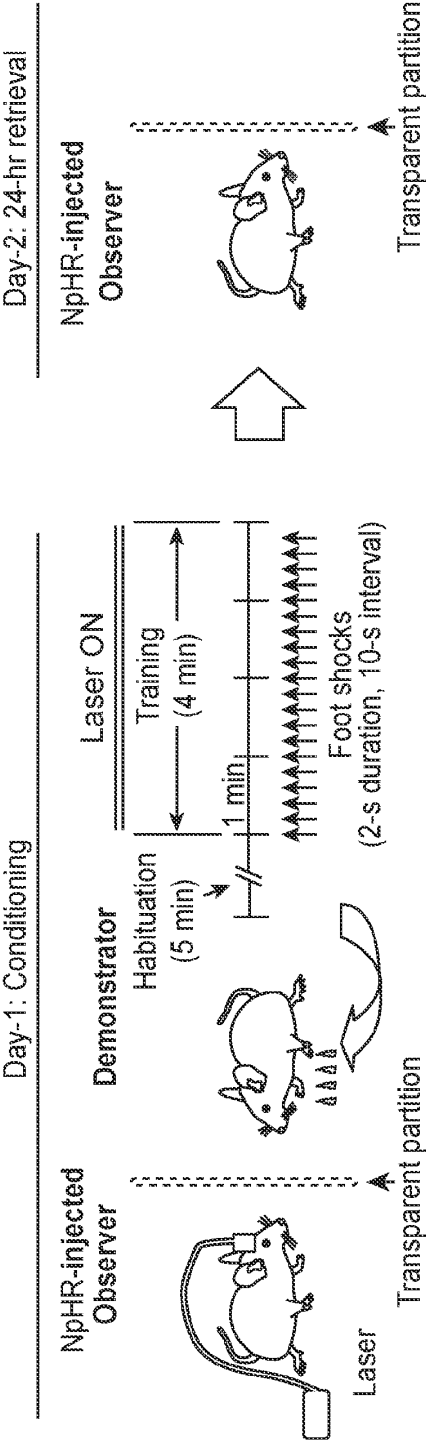


FIG. 4C

31/58

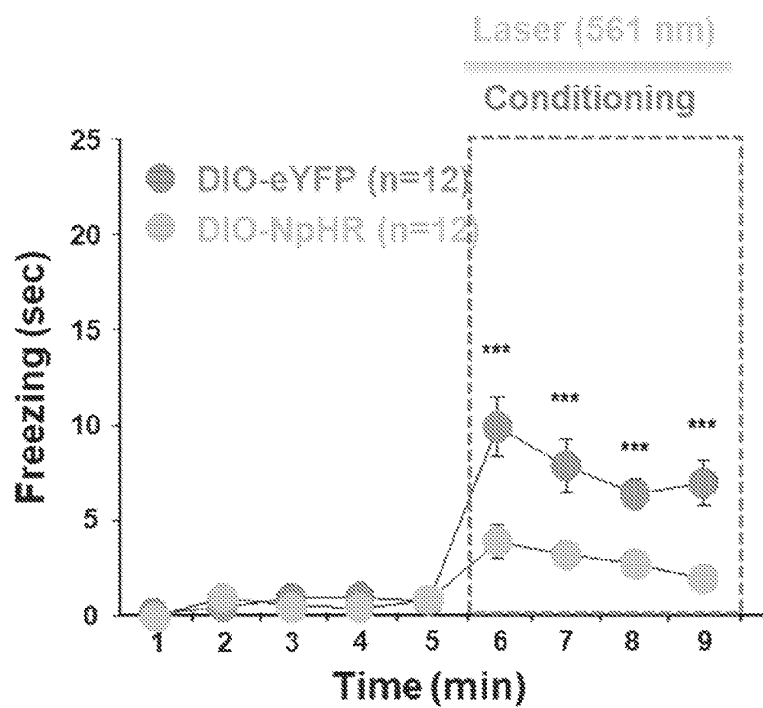


FIG. 4D

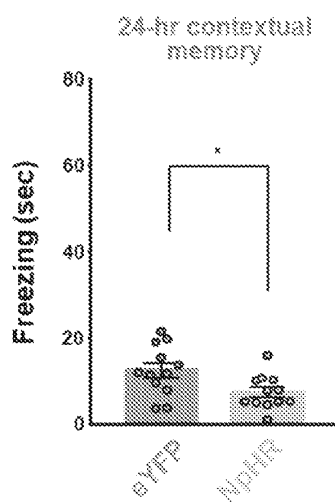


FIG. 4E

32/58

Contextual fear conditioning task

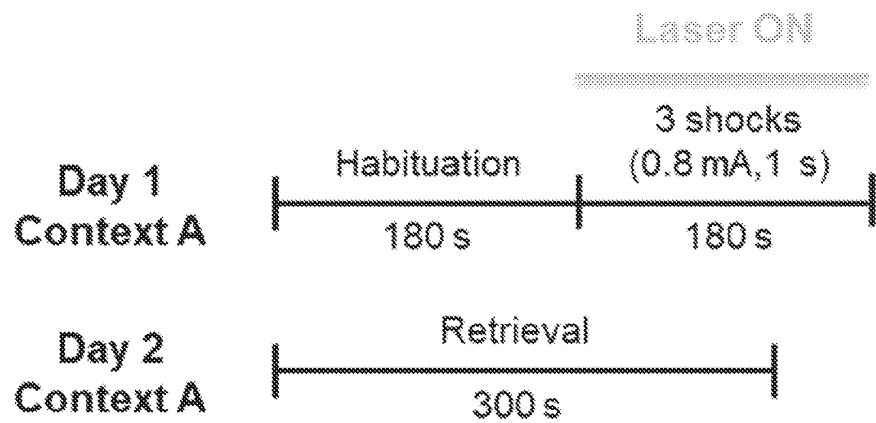


FIG. 4F

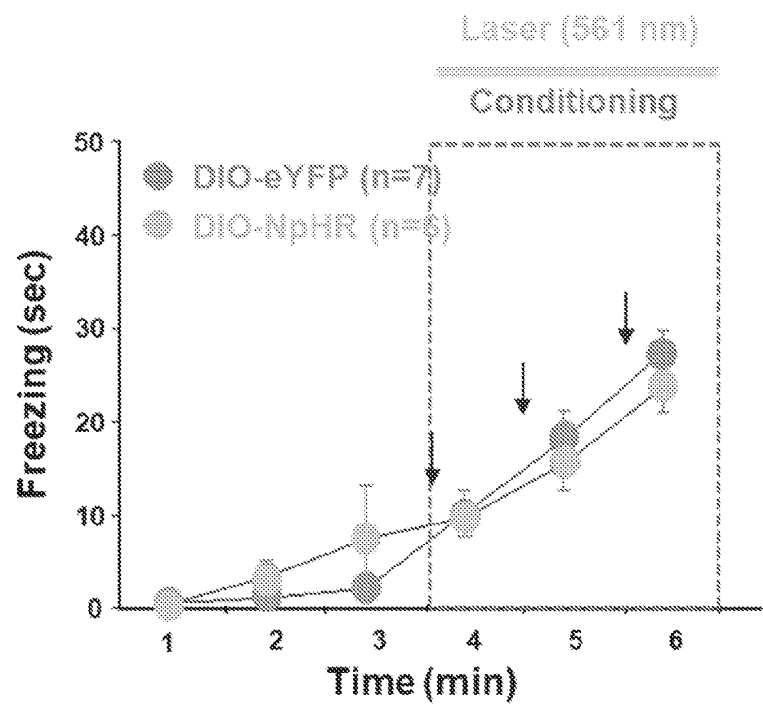


FIG. 4G

33/58

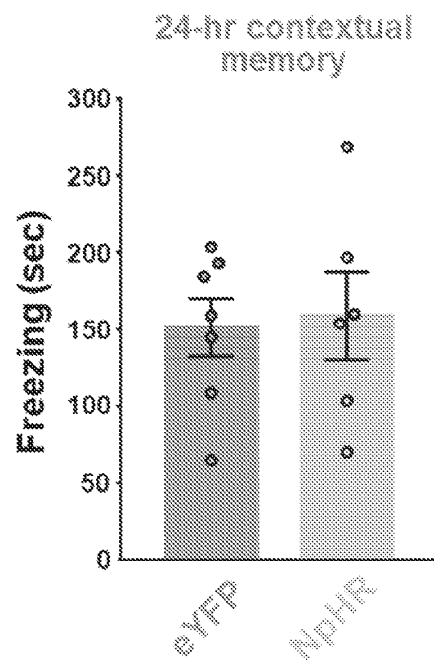


FIG. 4H

DIO-eYFP

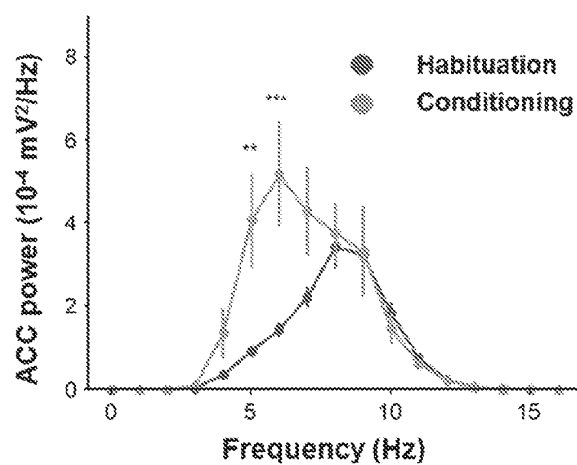


FIG. 4I

34/58

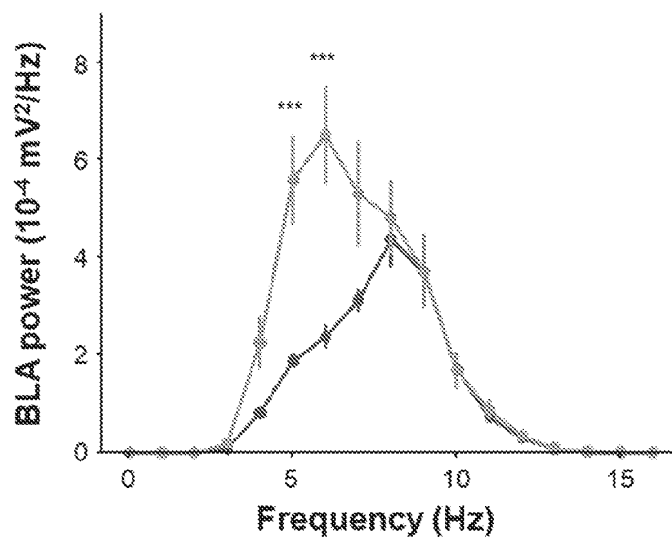


FIG. 4J

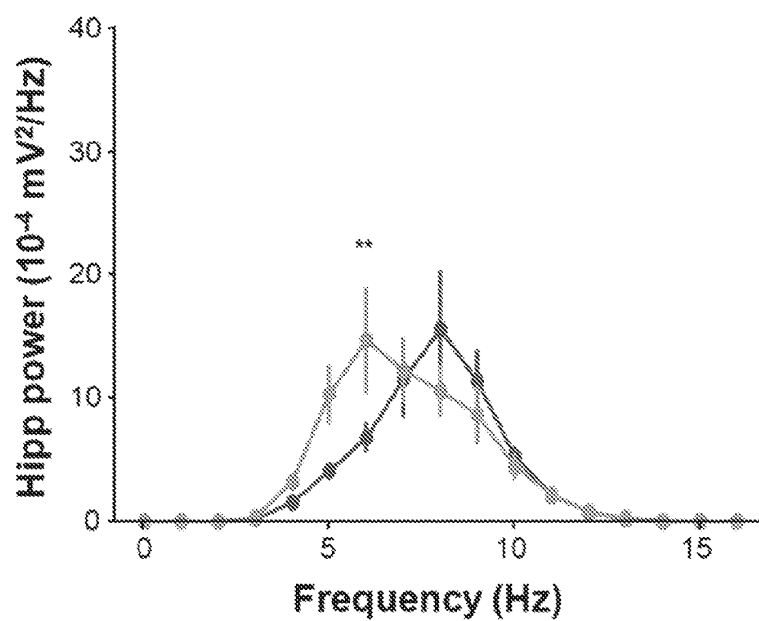


FIG. 4K

35/58

DIO-NpHR

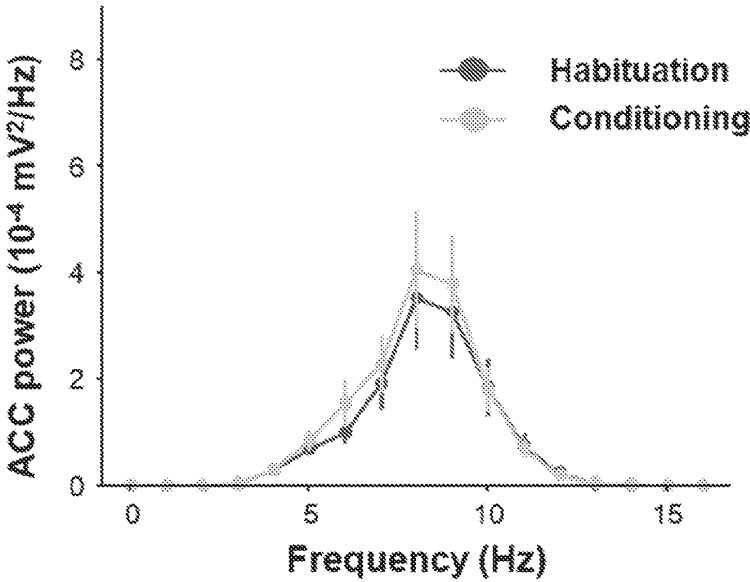


FIG. 4L

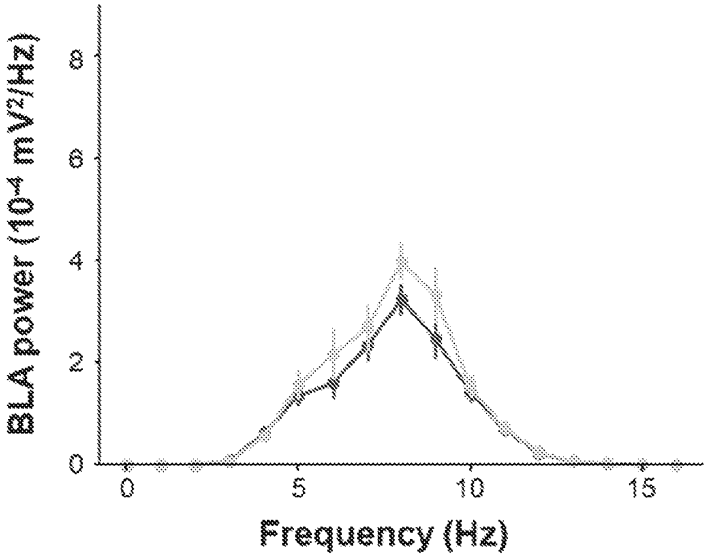


FIG. 4M

36/58

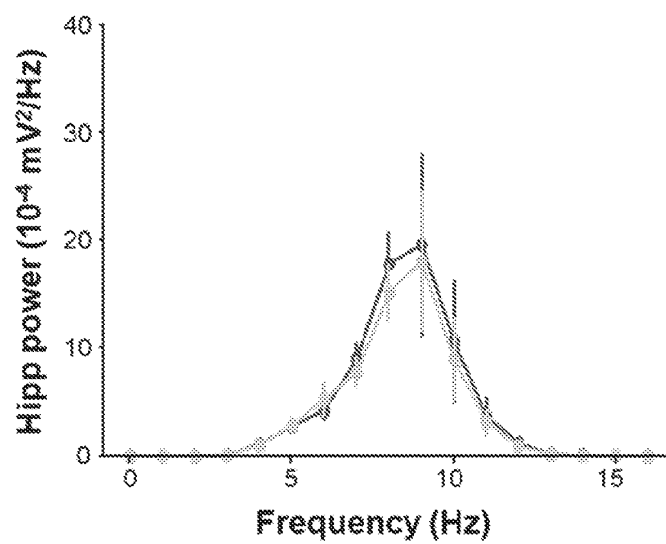


FIG. 4N

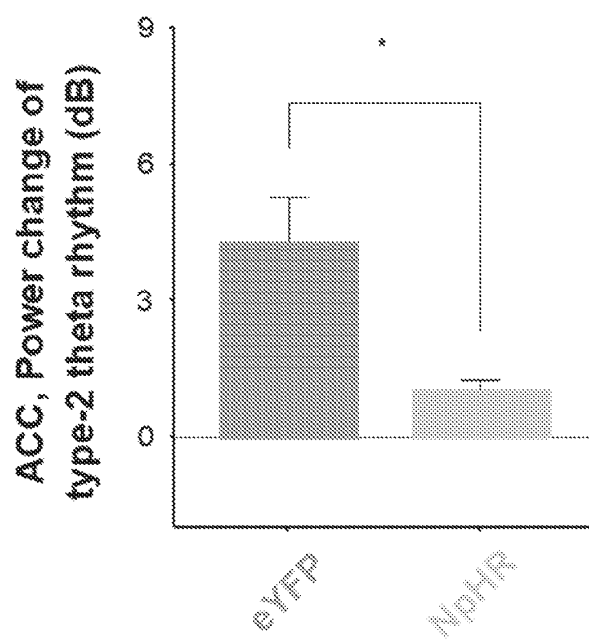


FIG. 4O

37/58

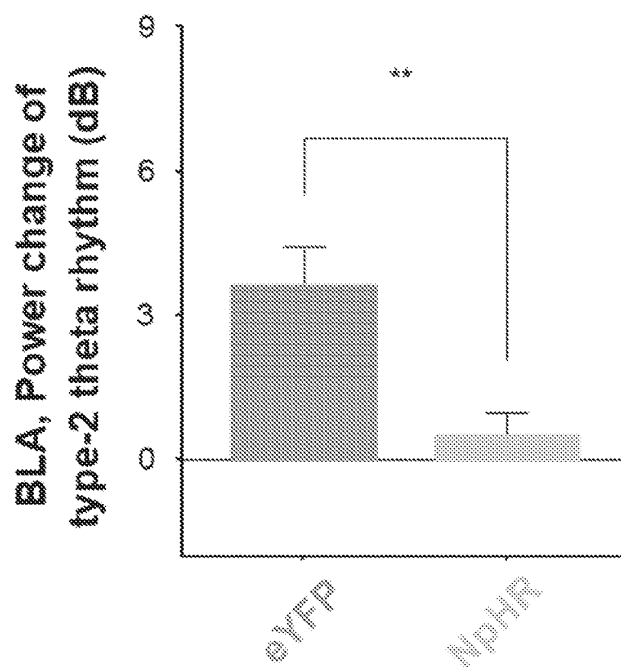


FIG. 4P

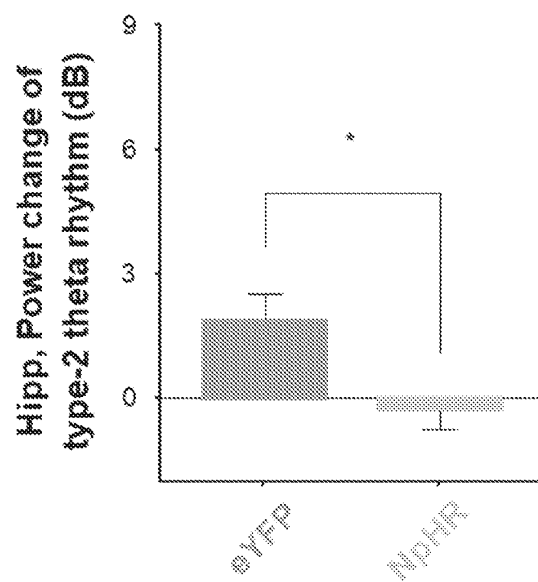


FIG. 4Q

38/58

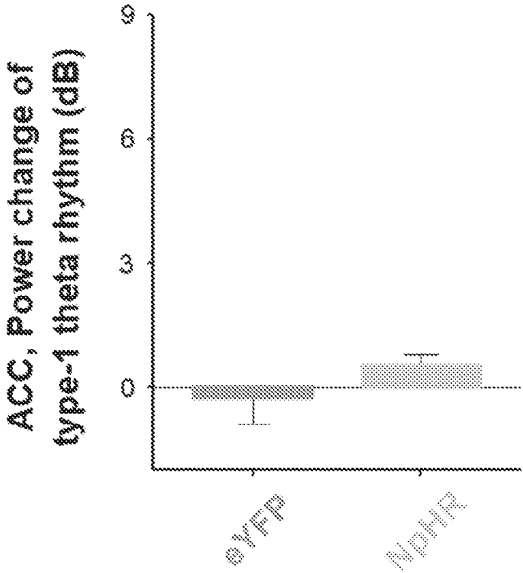


FIG. 4R

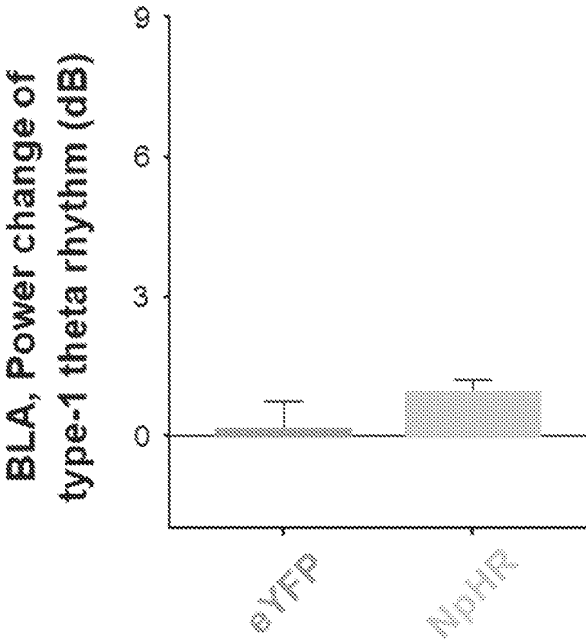


FIG. 4S

39/58

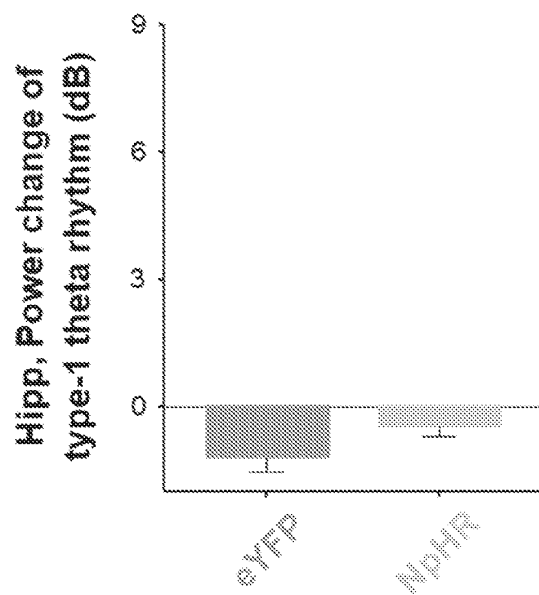


FIG. 4T

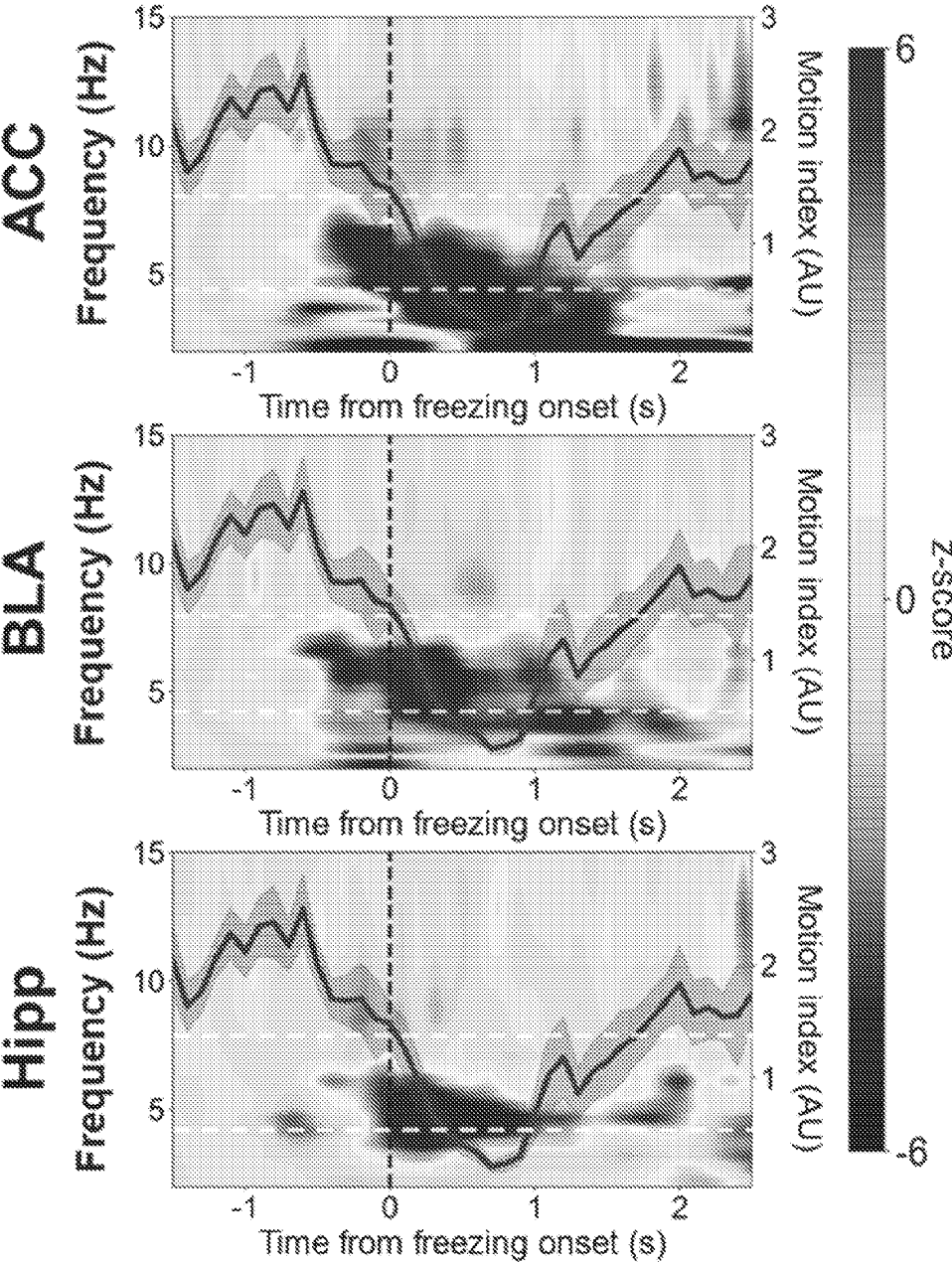


FIG. 5A

41/58

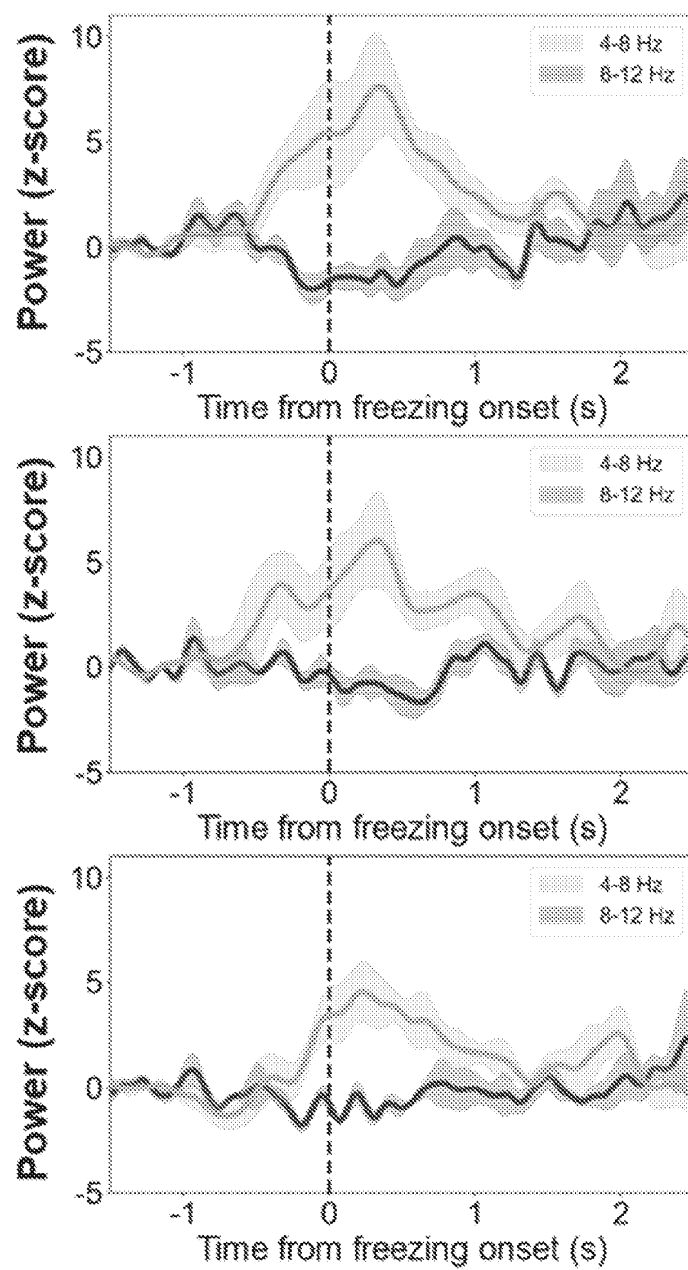


FIG. 5B

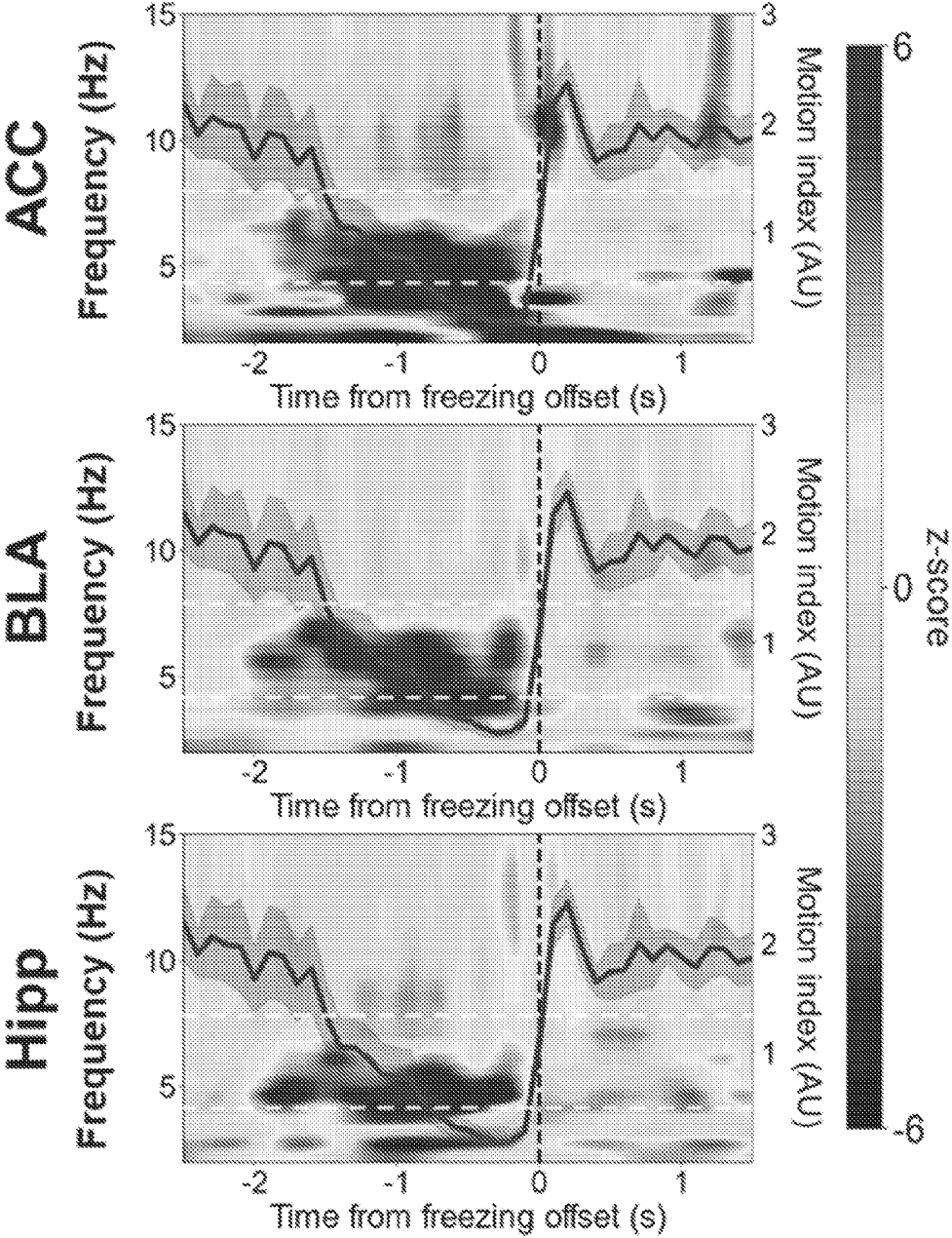


FIG. 5C

43/58

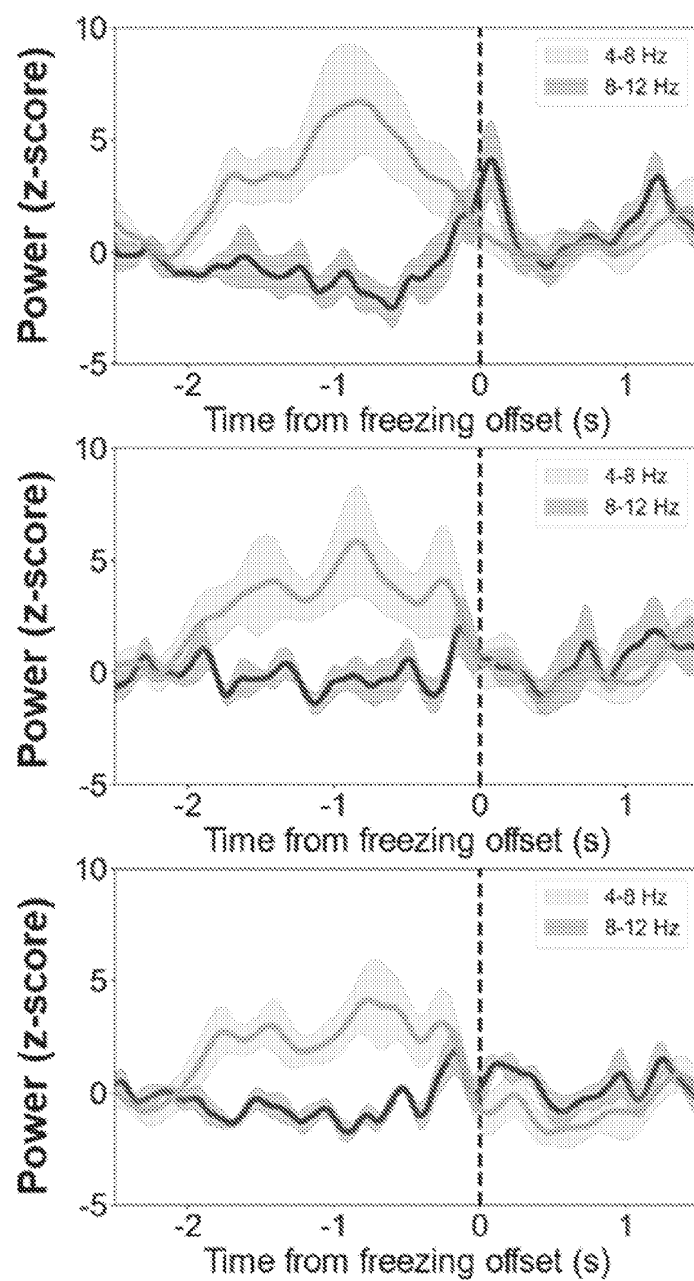


FIG. 5D

44/58

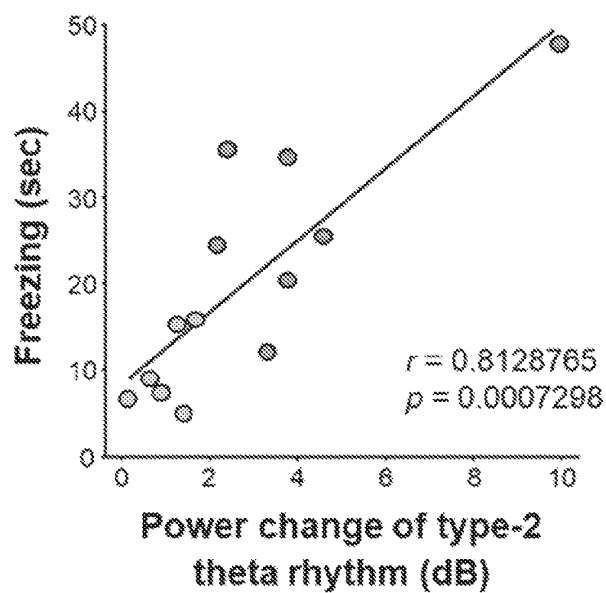
ACC

FIG. 5E

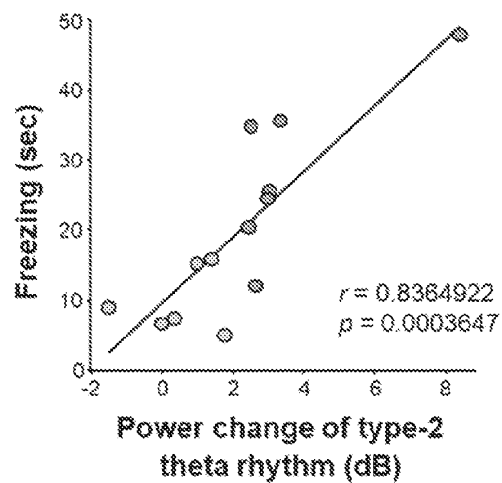
BLA

FIG. 5F

45/58

Hipp

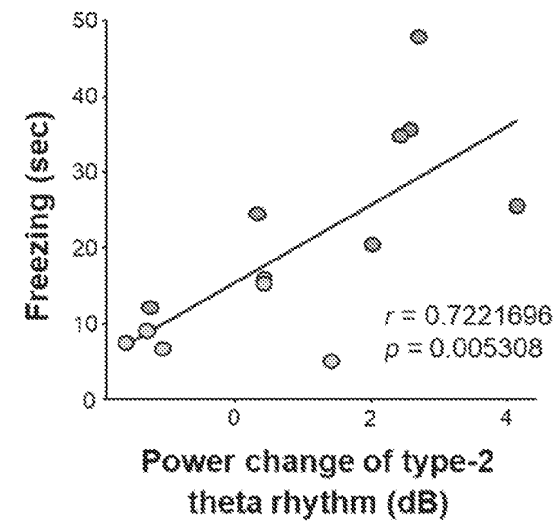


FIG. 5G

ACC

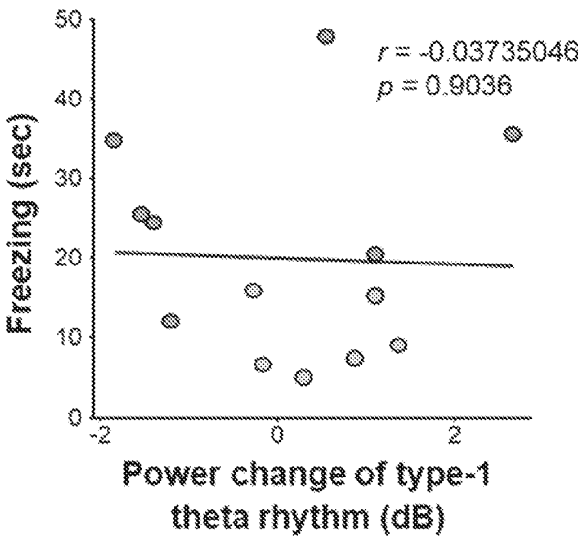


FIG. 5H

46/58

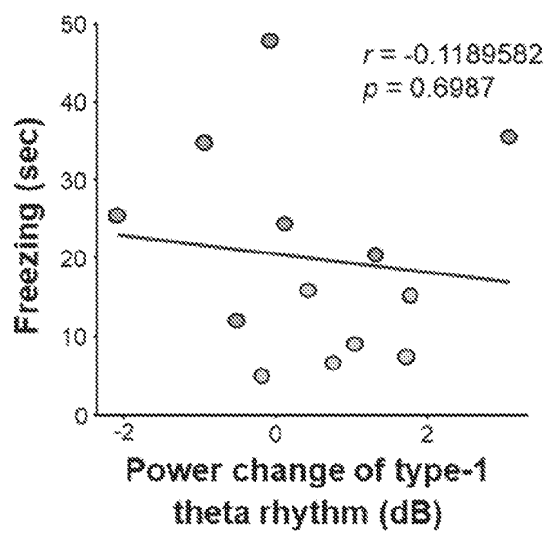
BLA

FIG. 5I

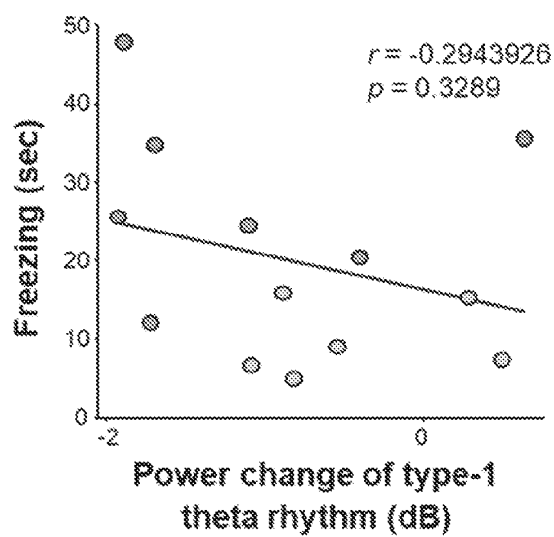
Hipp

FIG. 5J

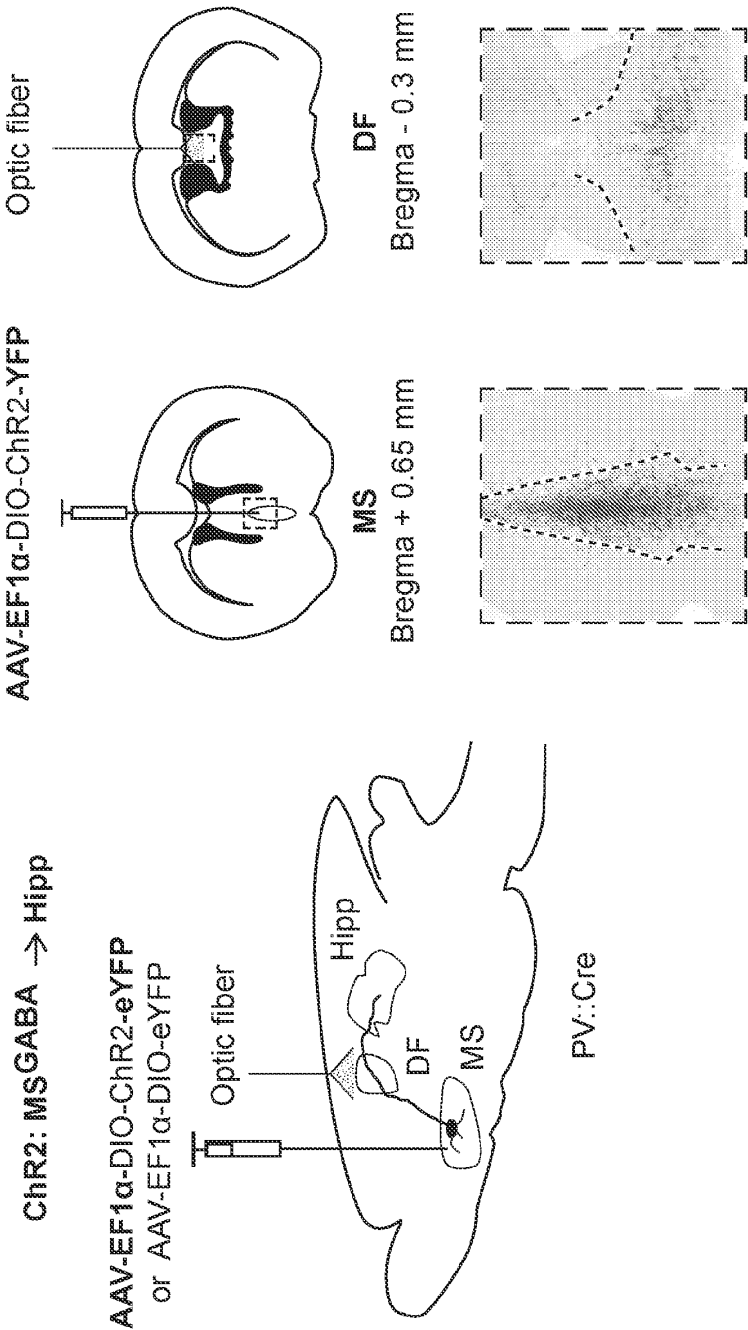
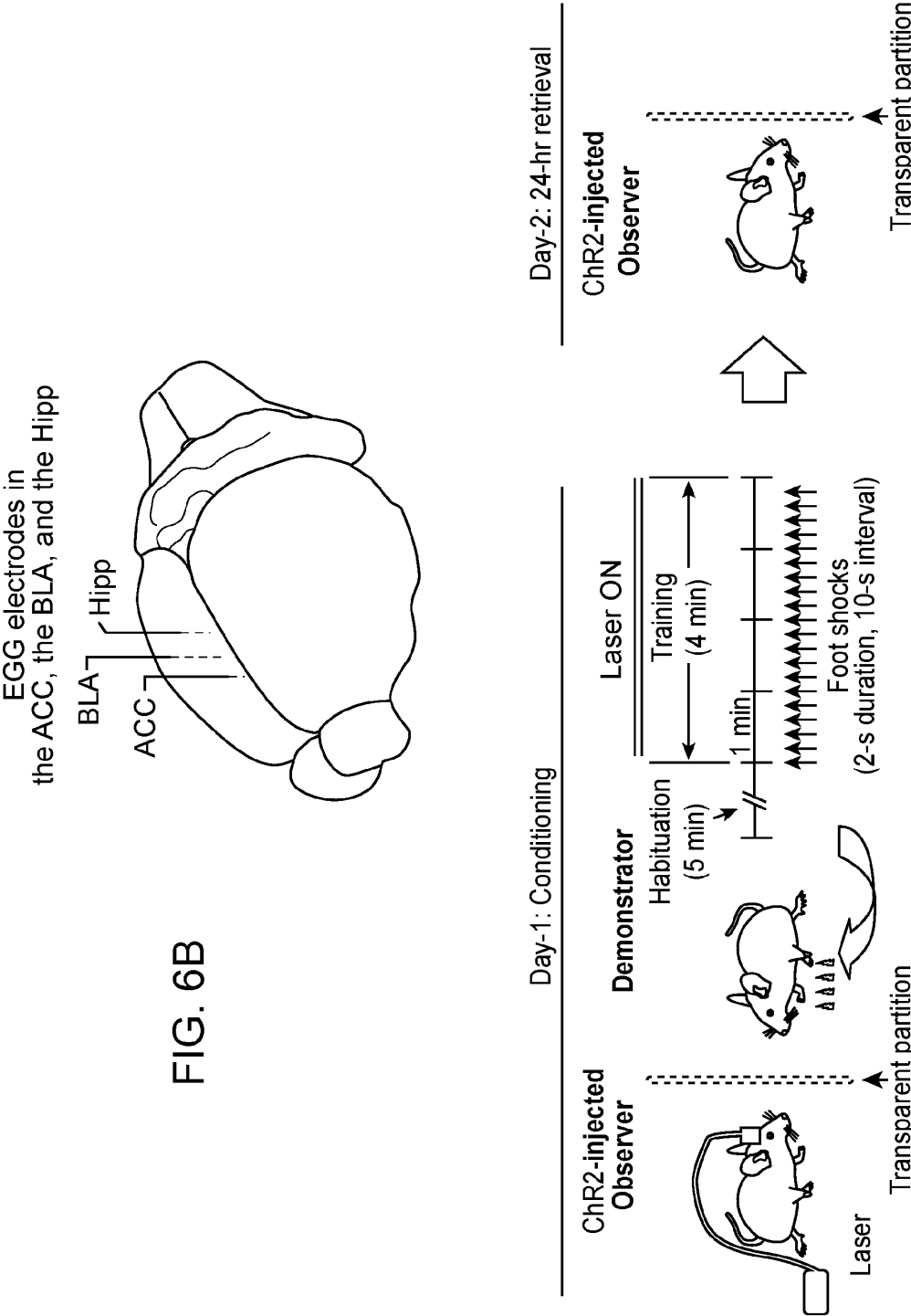


FIG. 6A



49/58

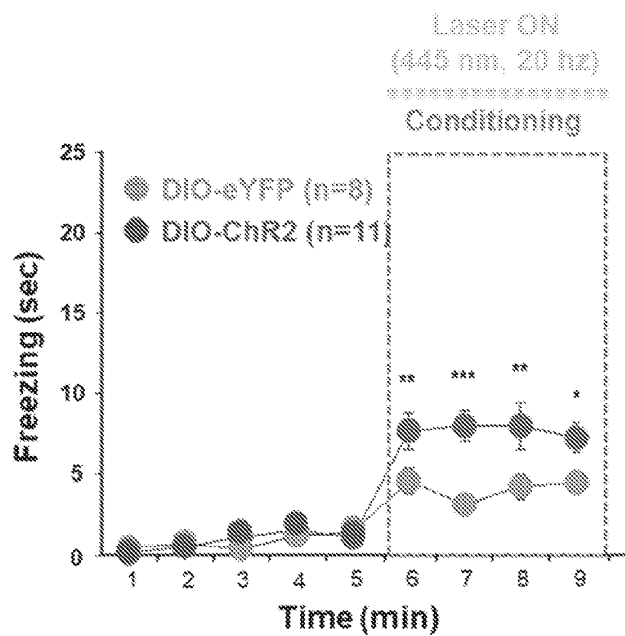


FIG. 6D

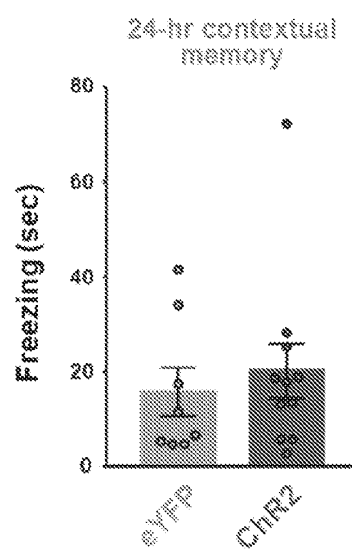


FIG. 6E

50/58

DIO-eYFP

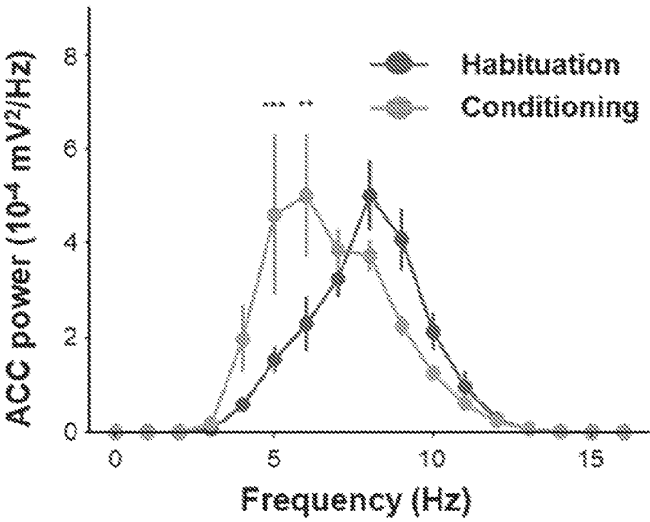


FIG. 6F

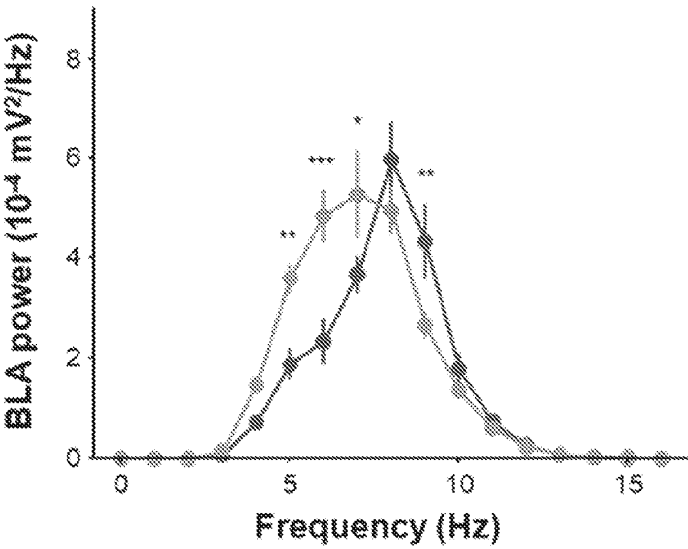


FIG. 6G

51/58

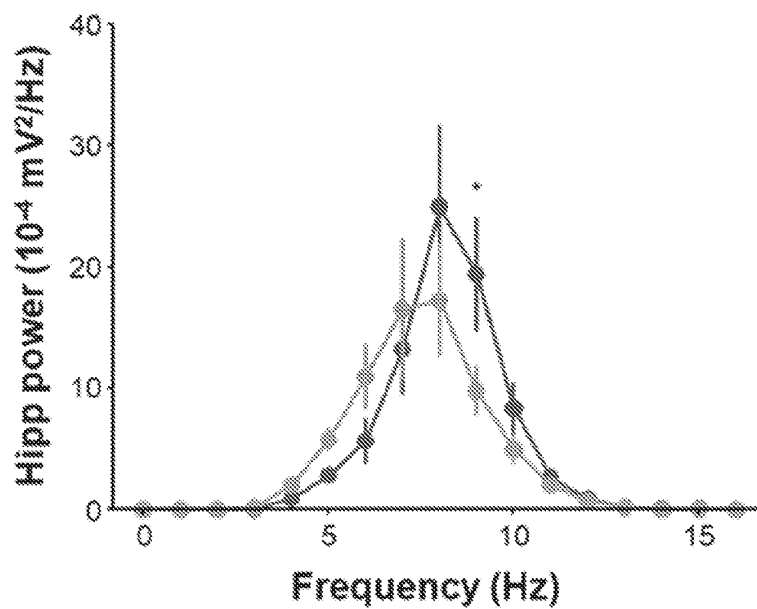


FIG. 6H

DIO-ChR2

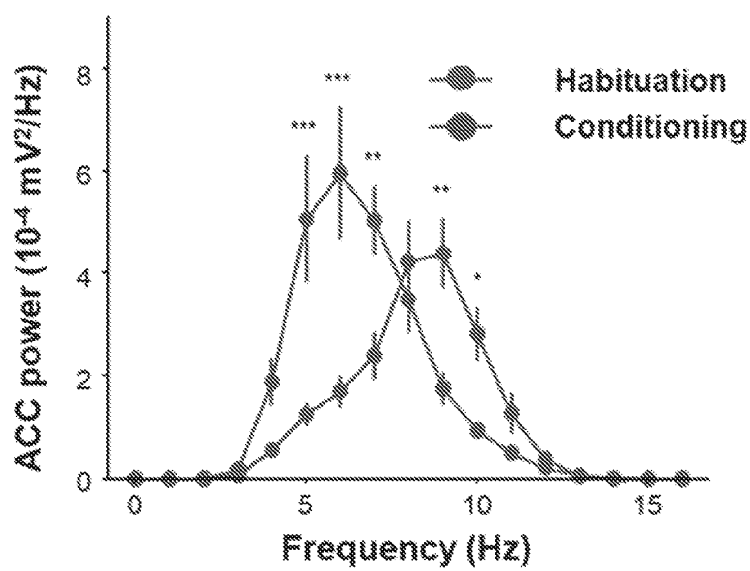


FIG. 6I

52/58

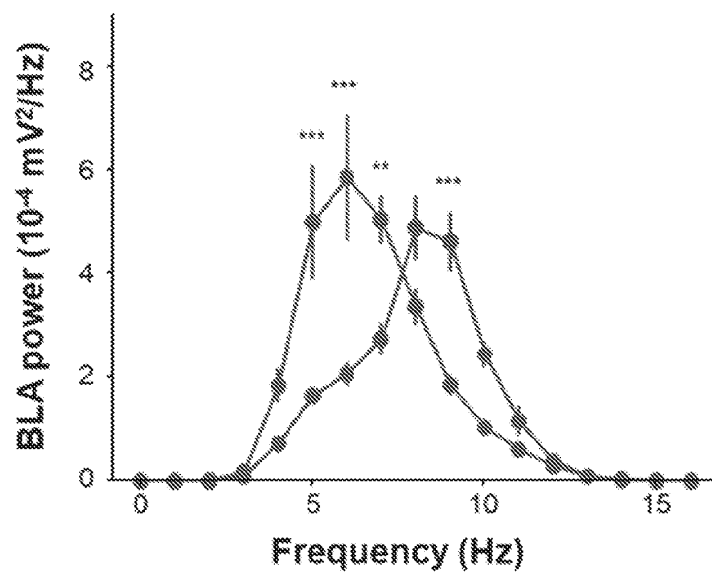


FIG. 6J

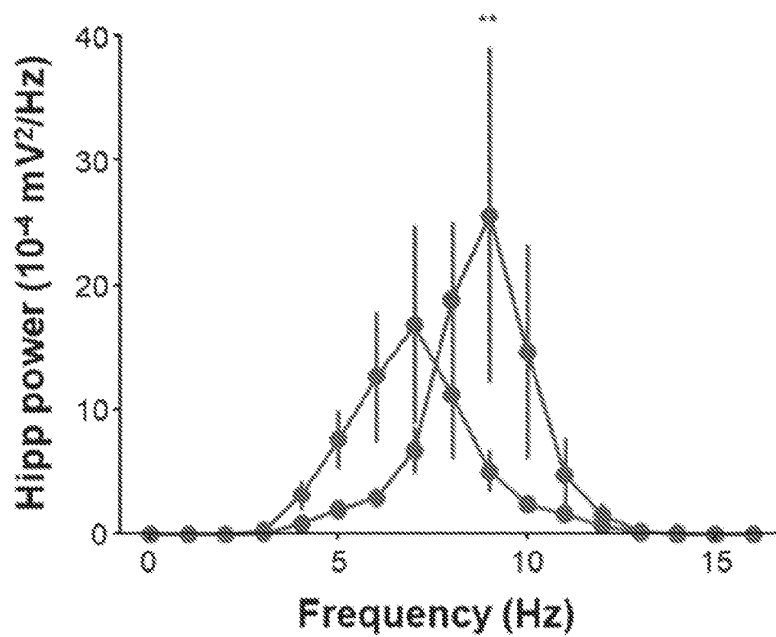


FIG. 6K

53/58

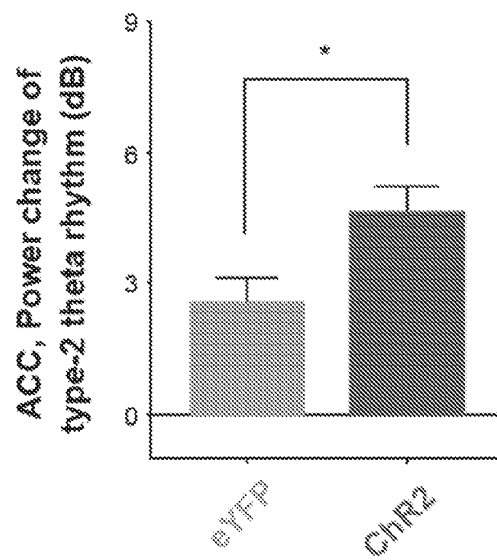


FIG. 6L

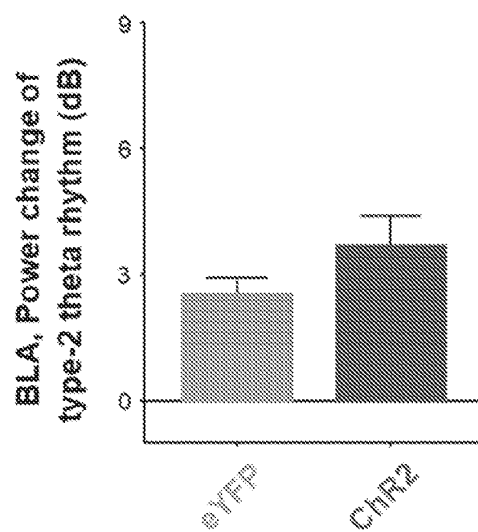


FIG. 6M

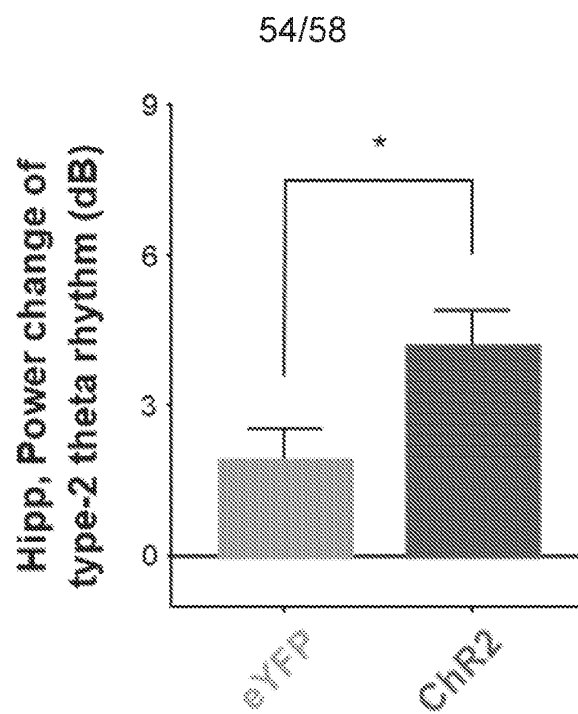


FIG. 6N

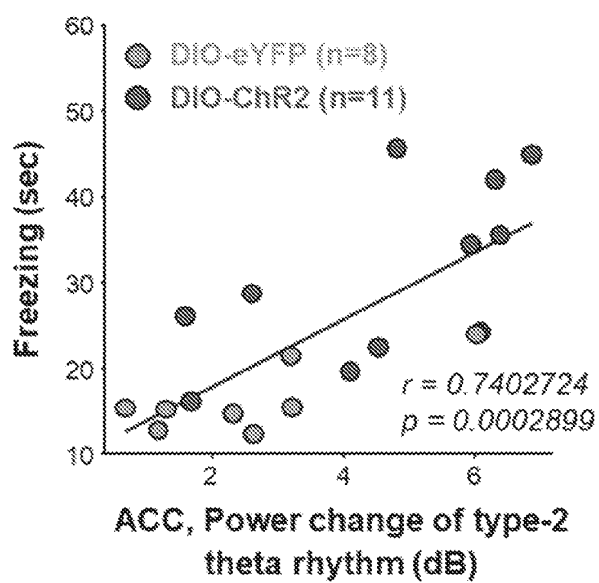


FIG. 6O

55/58

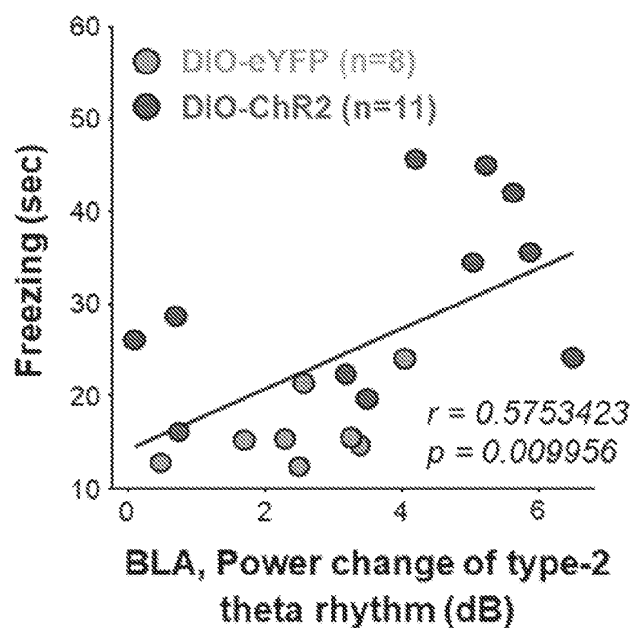


FIG. 6P

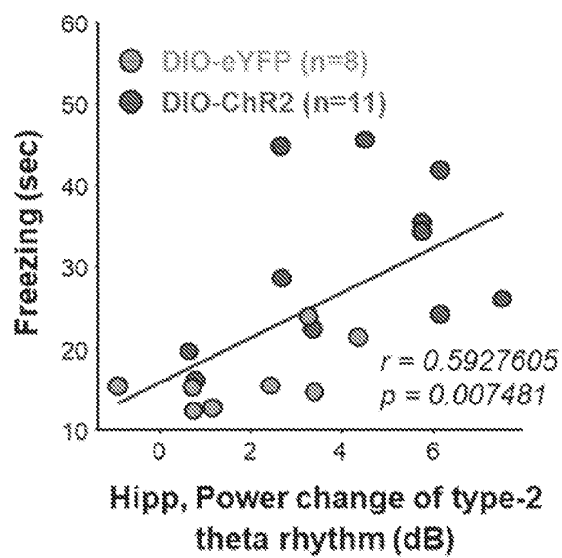


FIG. 6Q

56/58

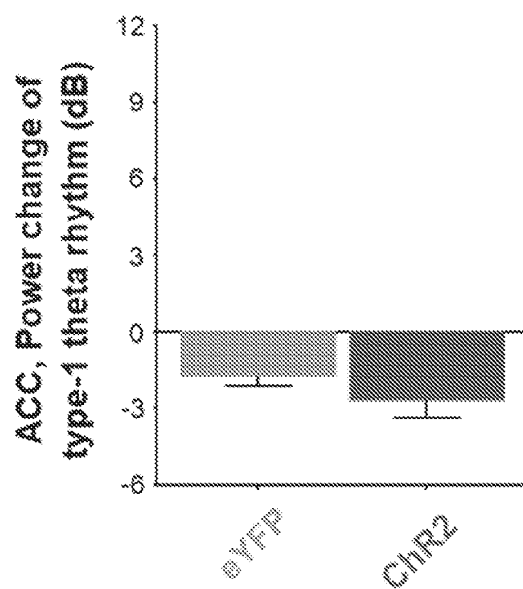


FIG. 6R

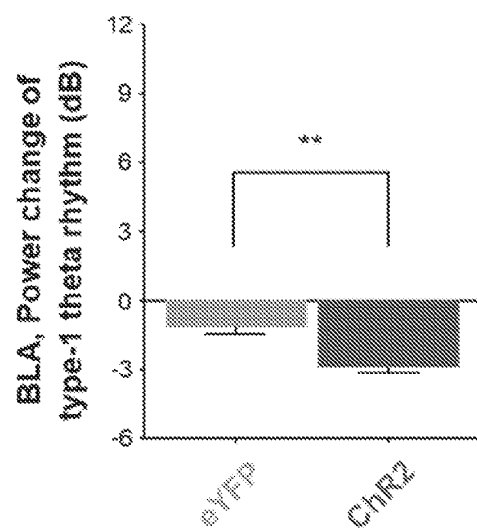


FIG. 6S

57/58

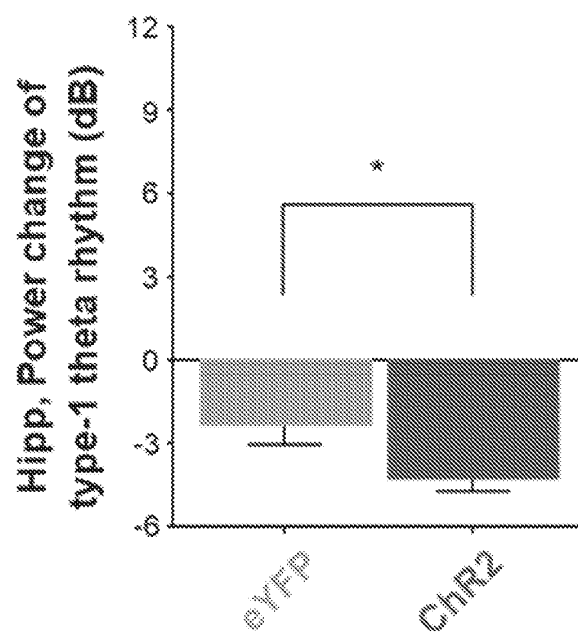


FIG. 6T

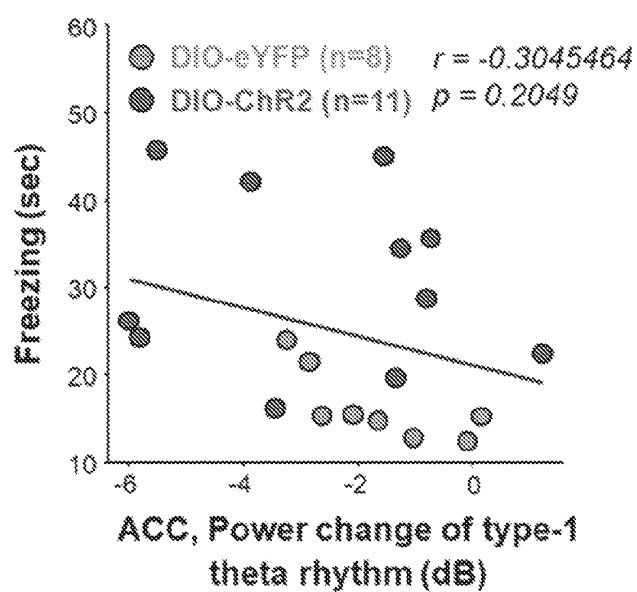


FIG. 6U

58/58

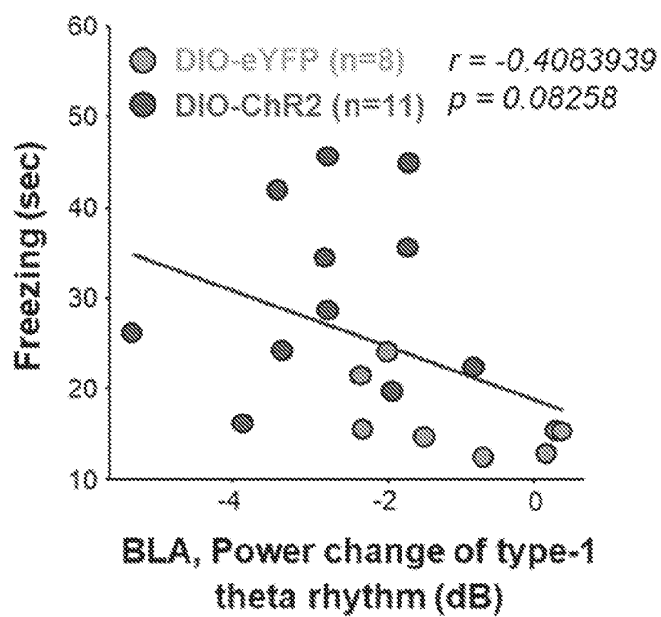


FIG. 6V

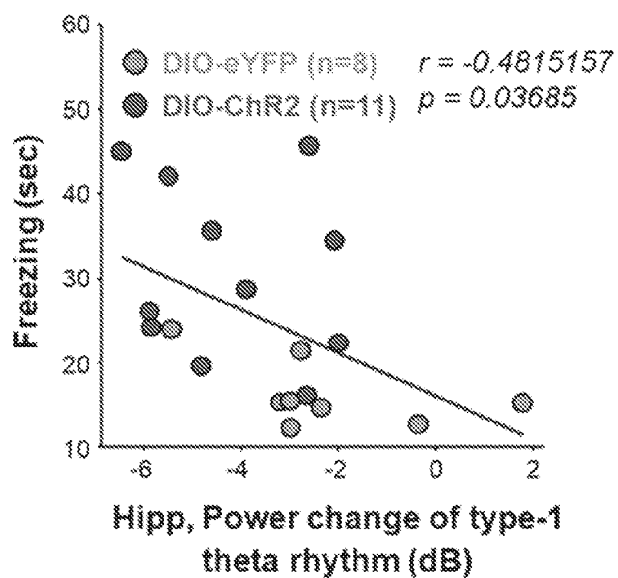


FIG. 6W