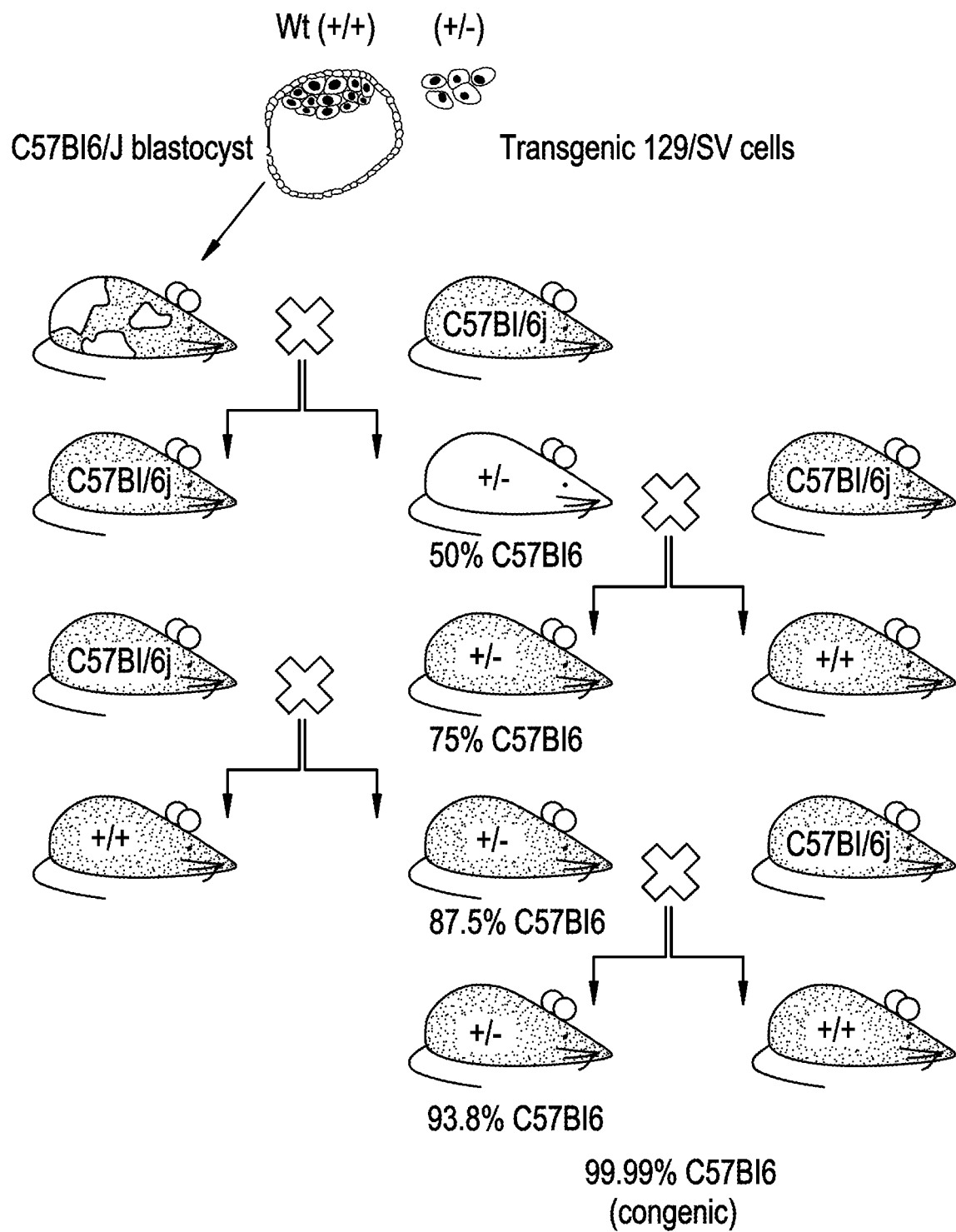


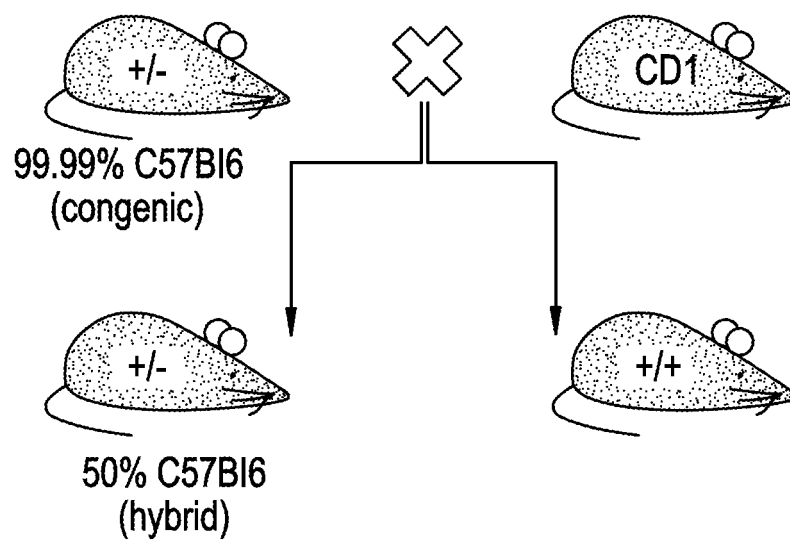
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FIG. 1A



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FIG. 1B

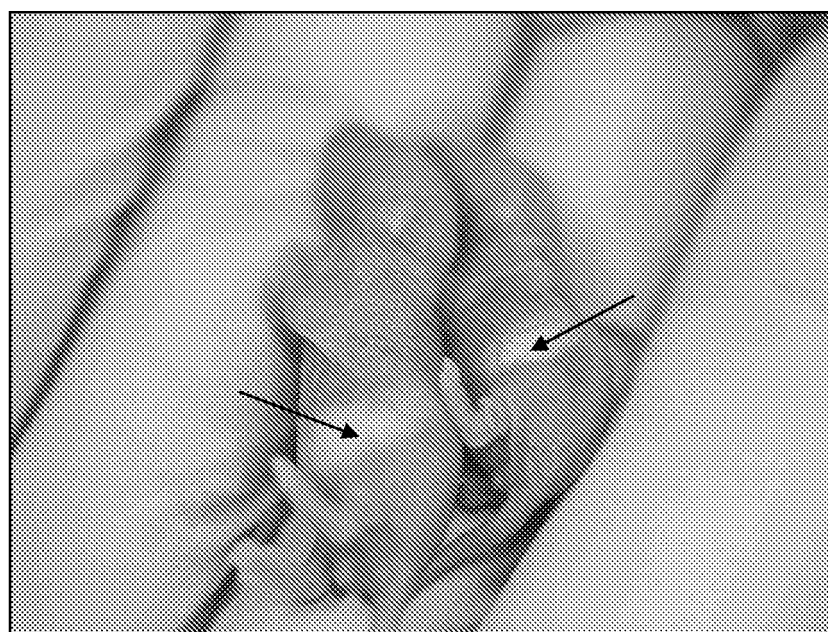


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FIG. 2A



FIG. 2B



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FIG. 3A

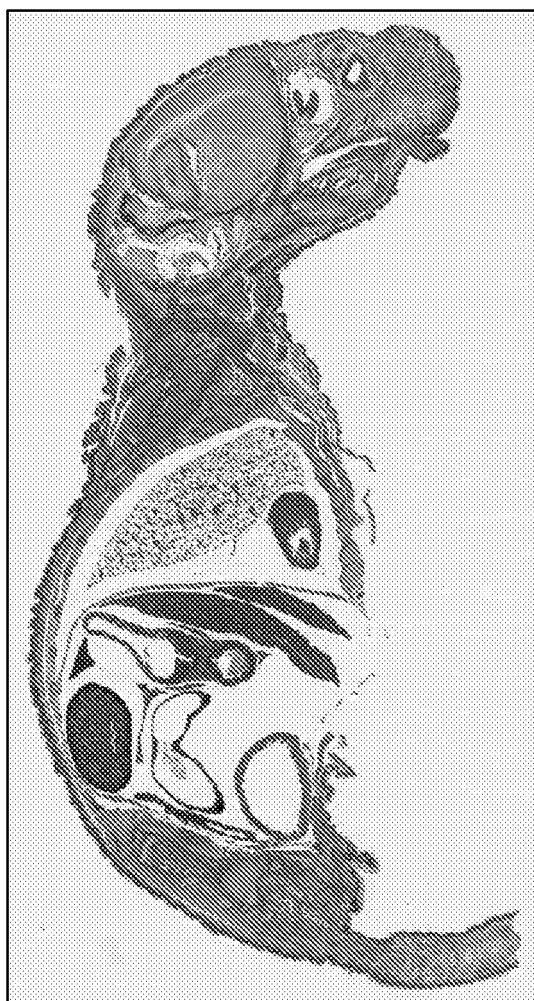


FIG. 3B

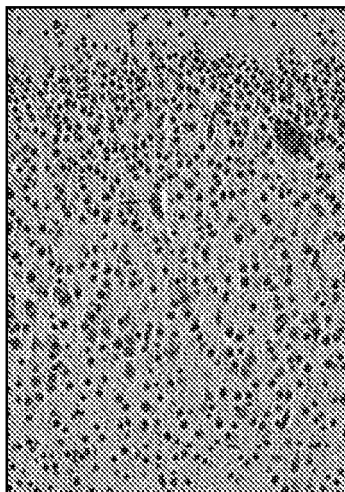


FIG. 3C

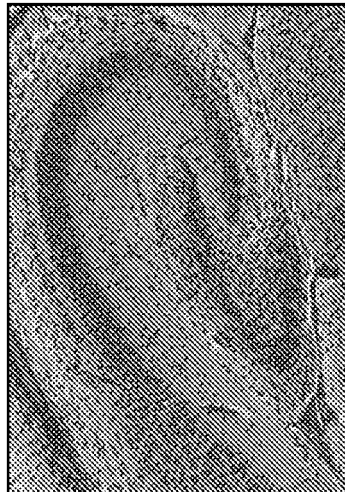
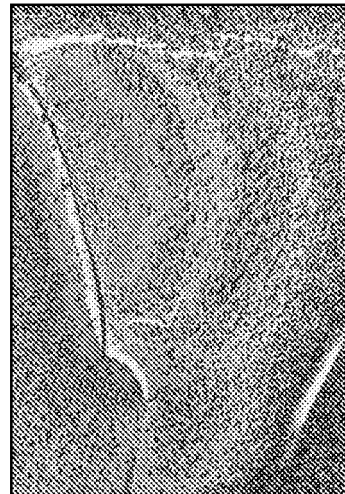


FIG. 3D



FIG. 3E



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FIG. 3F

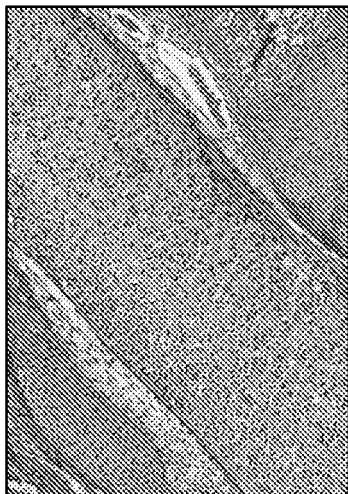


FIG. 3G

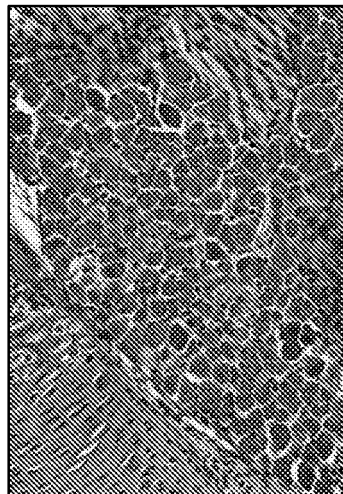


FIG. 4A

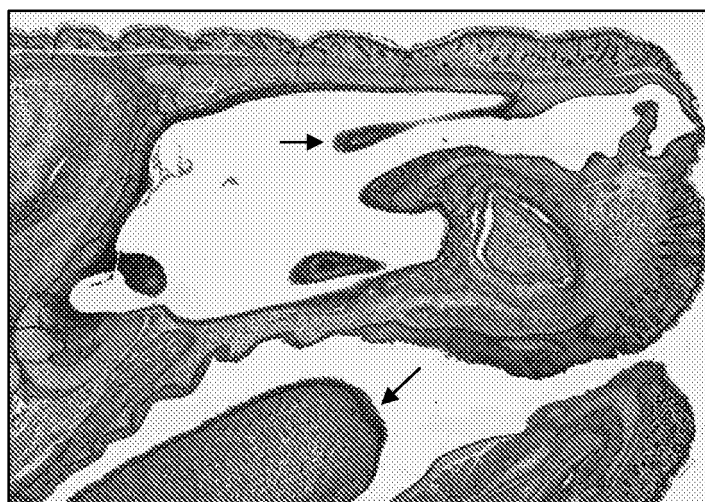


FIG. 4B

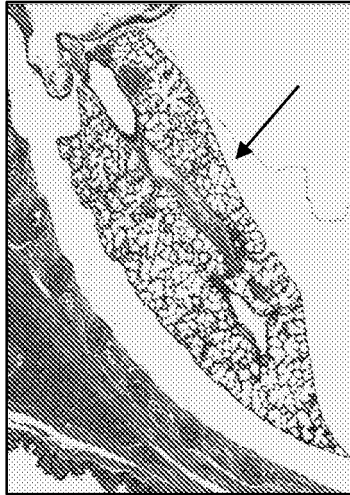


FIG. 4C

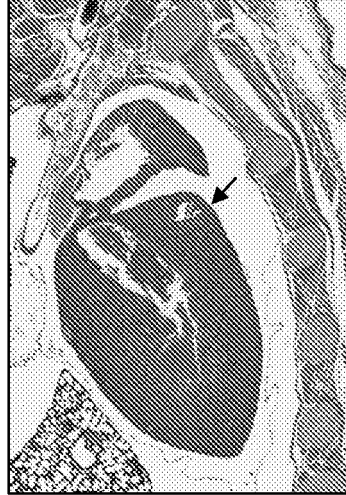


FIG. 4D

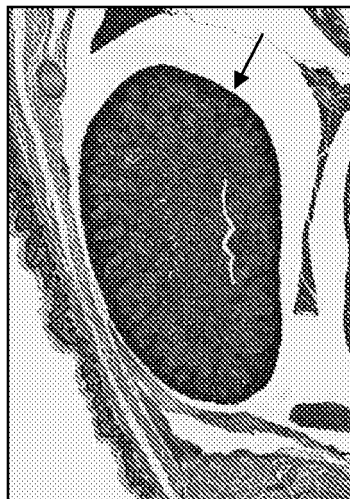
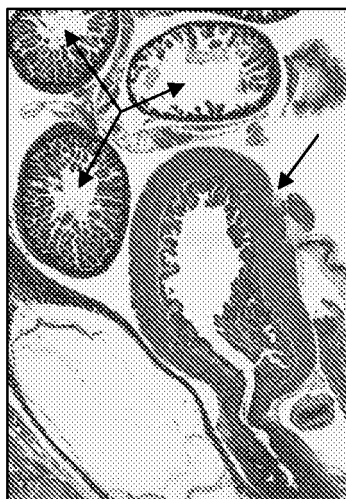
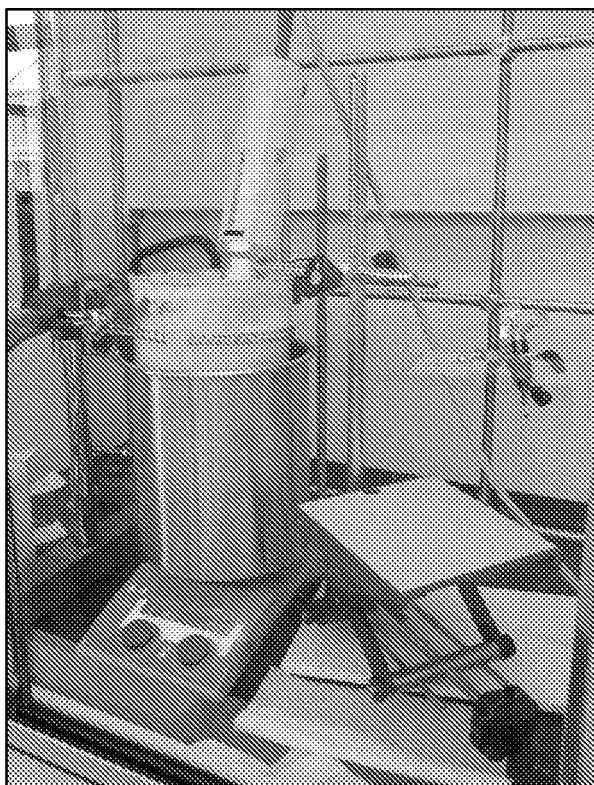


FIG. 4E



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FIG. 5A



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FIG. 5B



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FIG. 6



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FIG. 7A

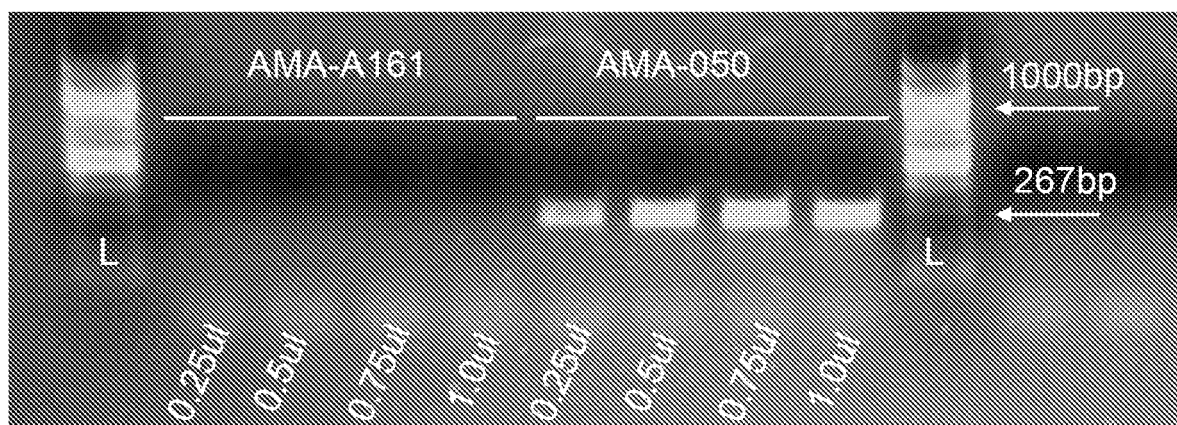


FIG. 7B

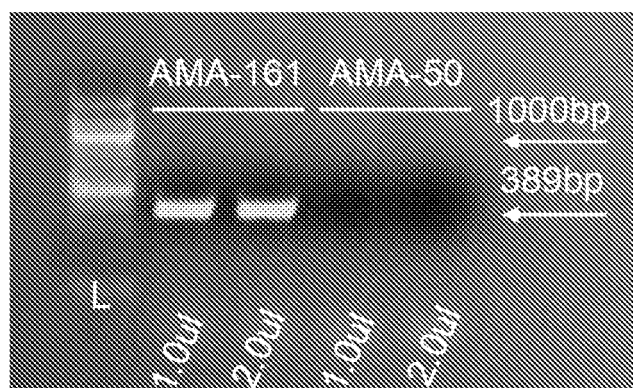
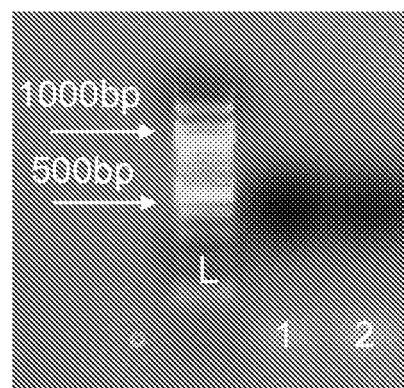


FIG. 7C



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FIG. 8A

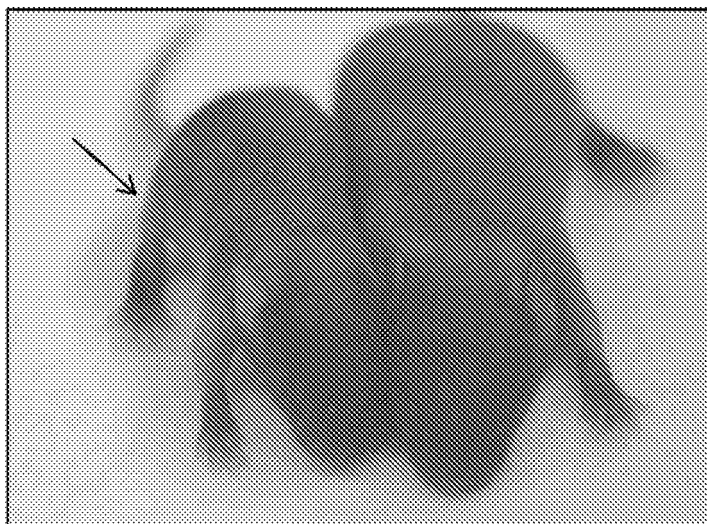
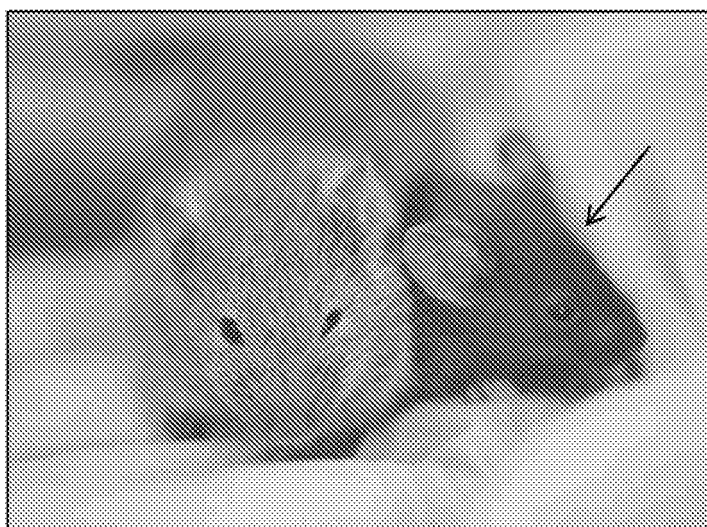


FIG. 8B



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FIG. 8C

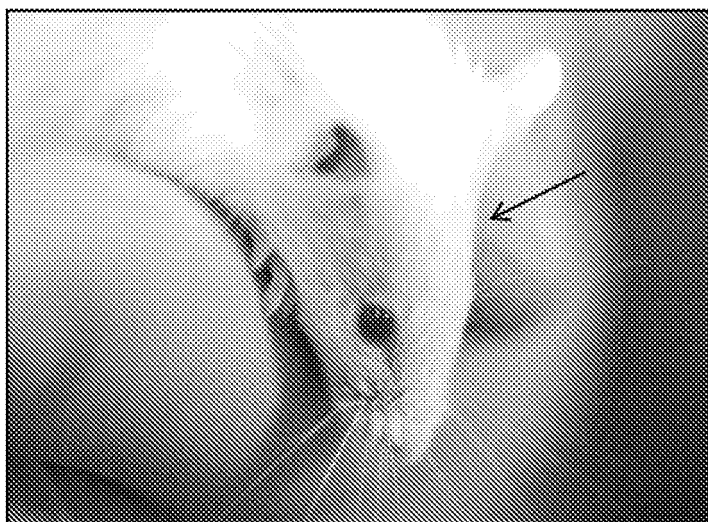
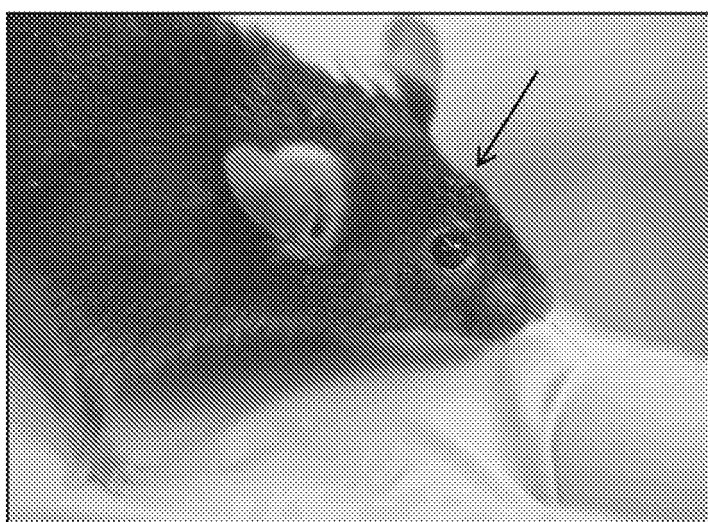
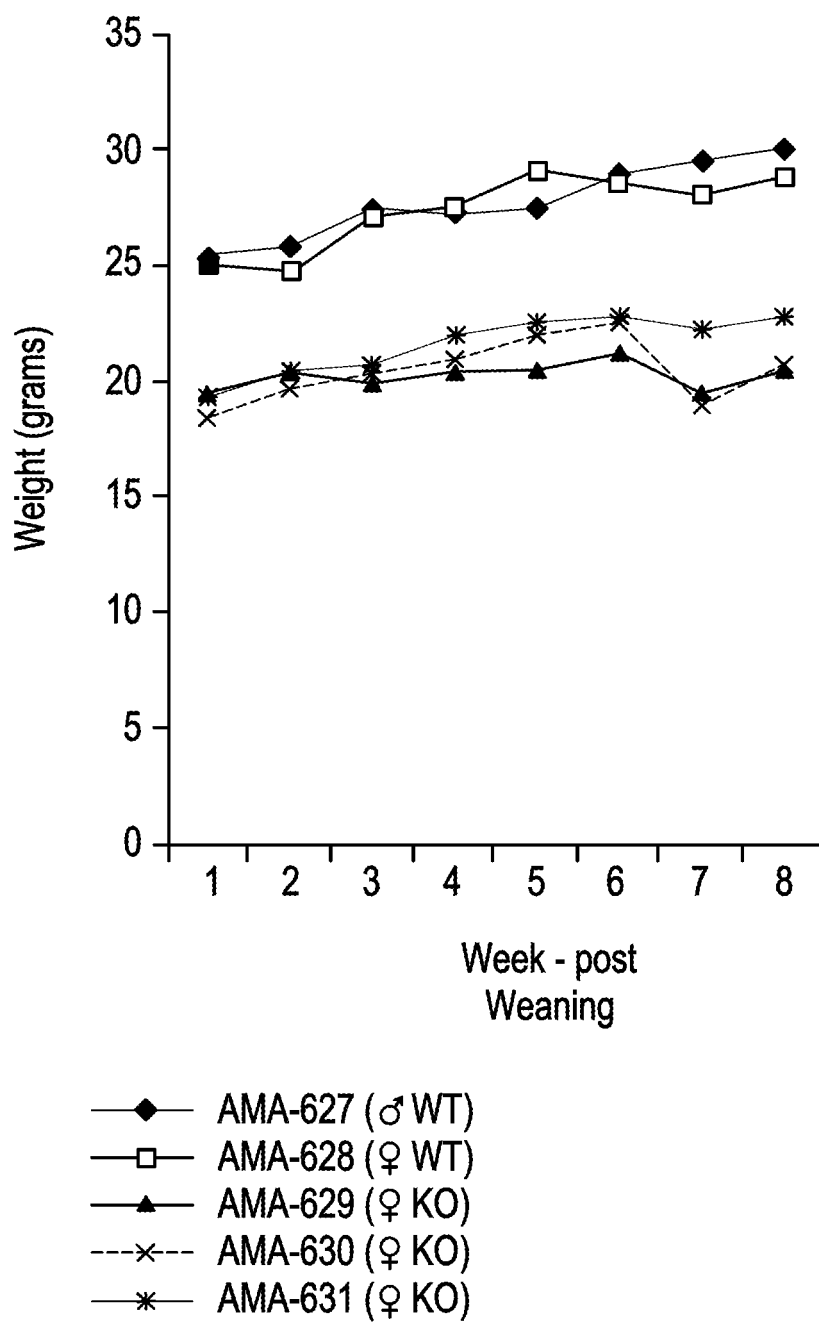


FIG. 8D



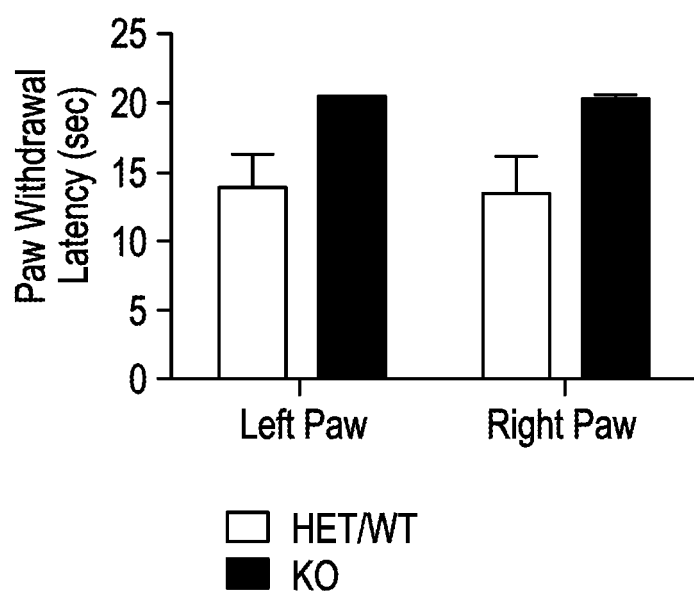
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FIG. 8E



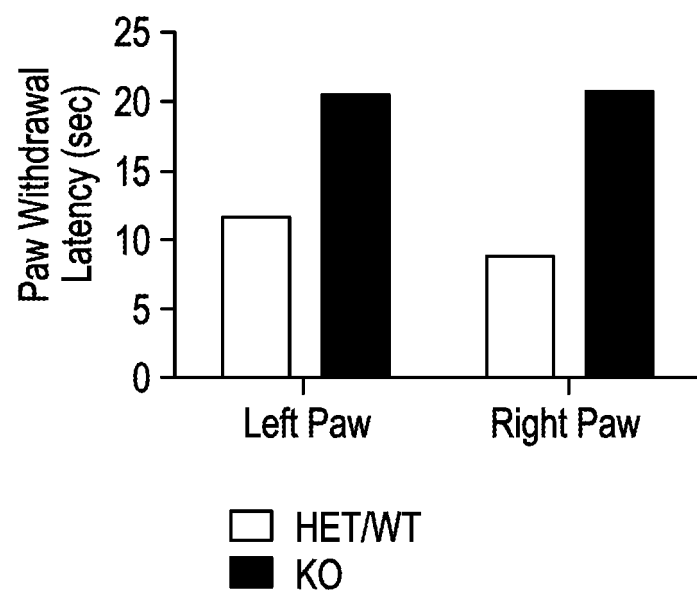
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FIG. 9A



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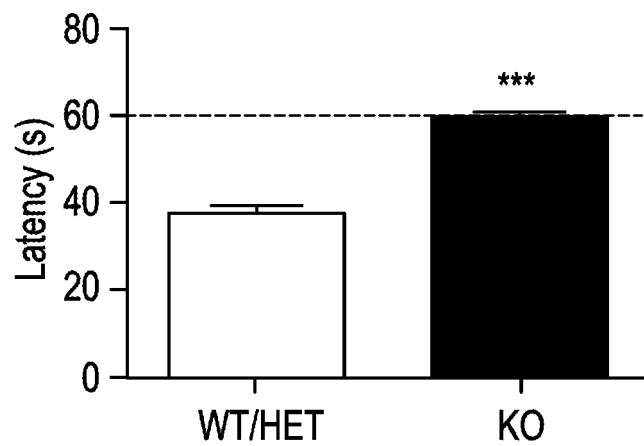
FIG. 9B



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FIG. 10A

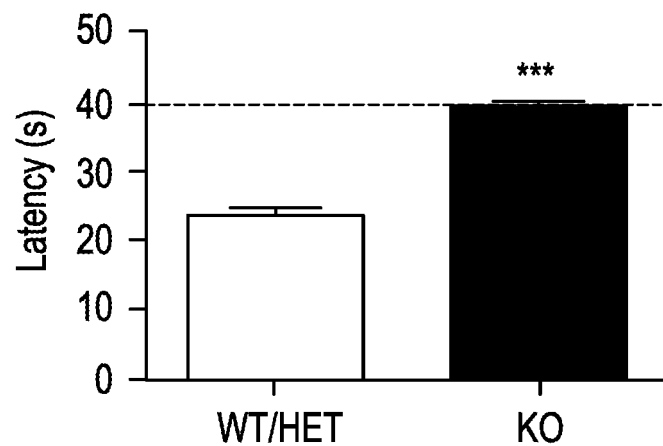
HOTPLATE (48 Degrees C)



***= p<0.0001 vs WT/HET (Unpaired T Test)

FIG. 10B

HOTPLATE (50 Degrees C)



***= p<0.0001 vs WT/HET (Unpaired T Test)

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FIG. 10C

HOTPLATE (52.5 Degrees C)

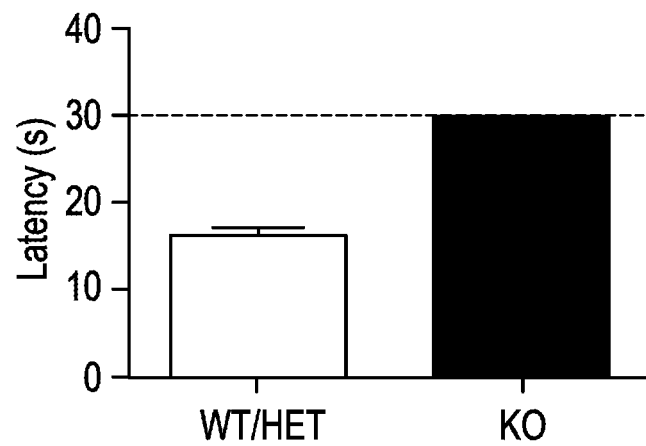
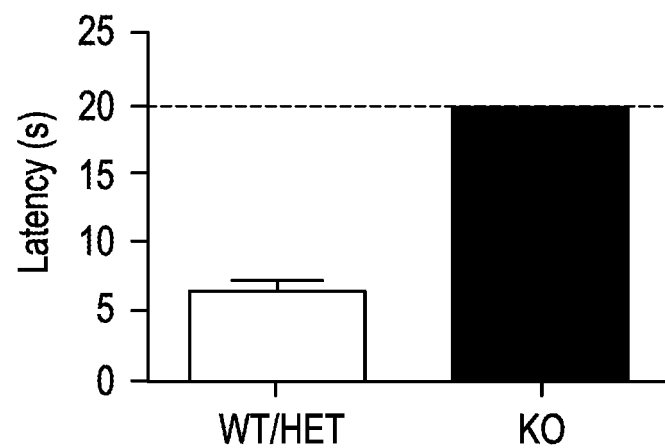


FIG. 10D

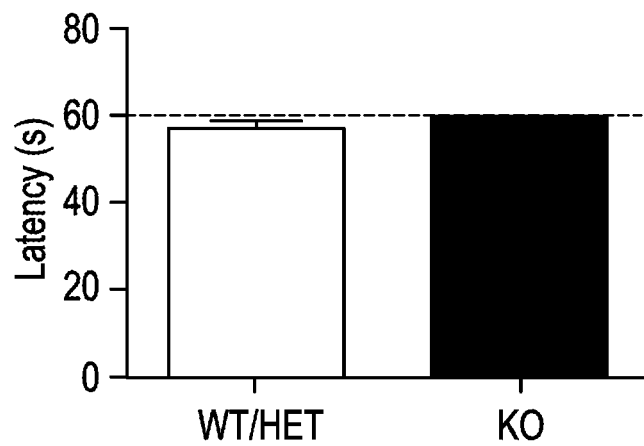
HOTPLATE (55 Degrees C)



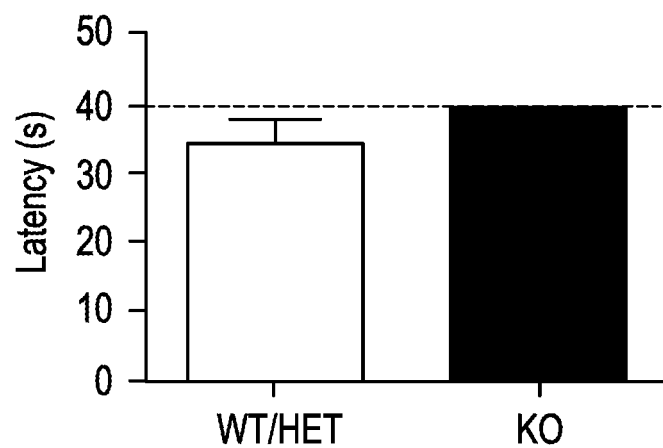
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FIG. 10E

HOTPLATE (48 Degrees C)

**FIG. 10F**

HOTPLATE (50 Degrees C)



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FIG. 10G

HOTPLATE (52.5 Degrees C)

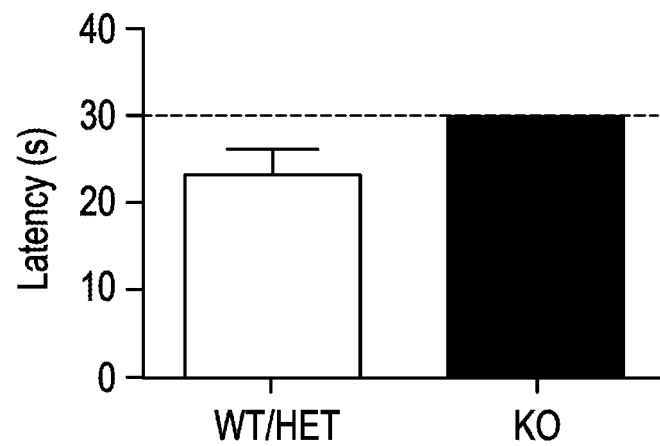
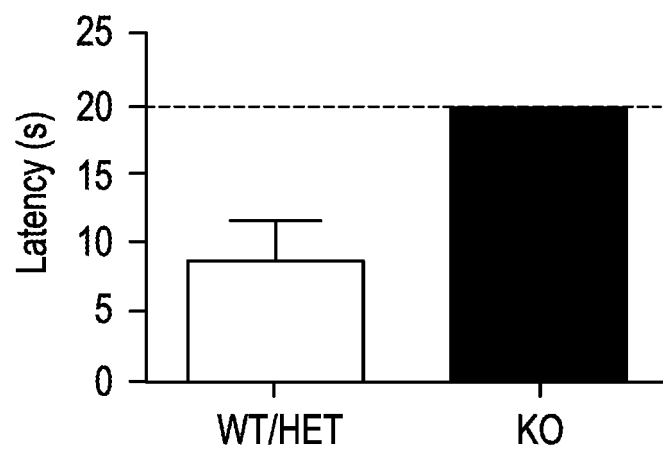


FIG. 10H

HOTPLATE (55 Degrees C)



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FIG. 11A

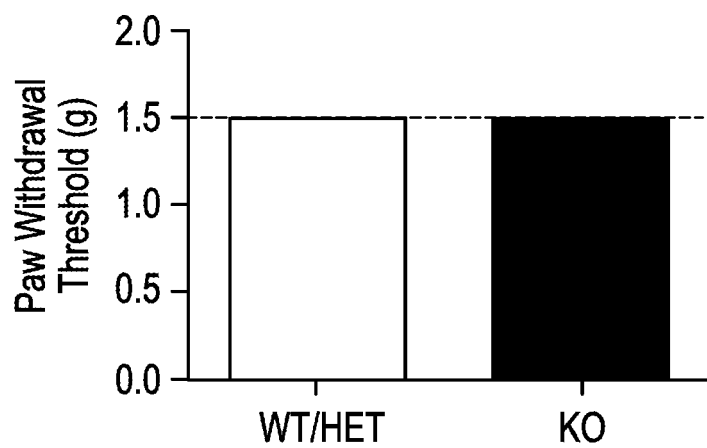
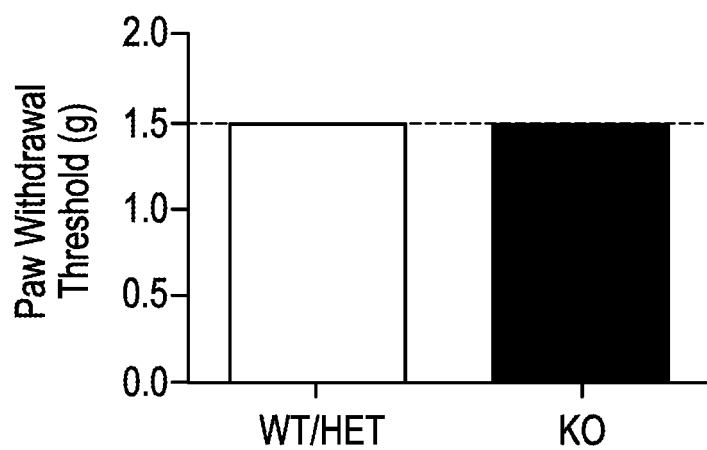
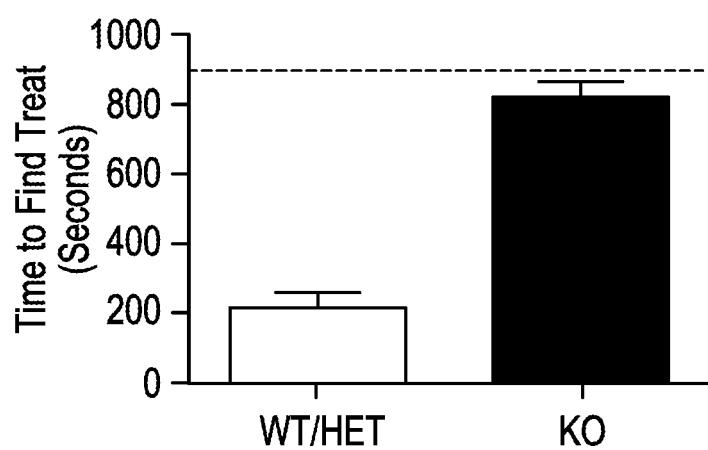


FIG. 11B



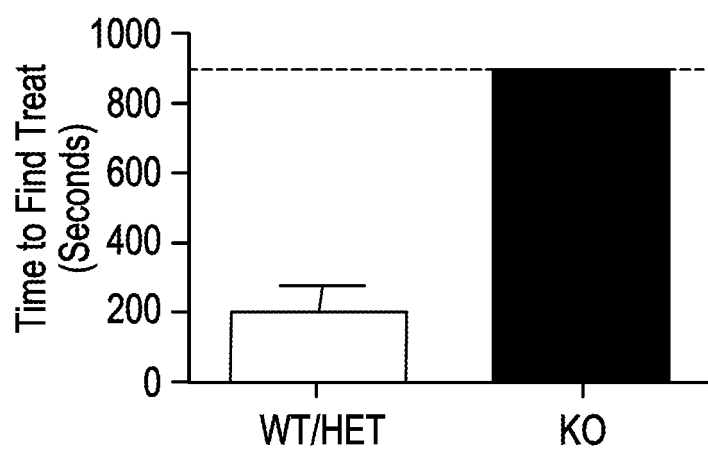
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FIG. 12A



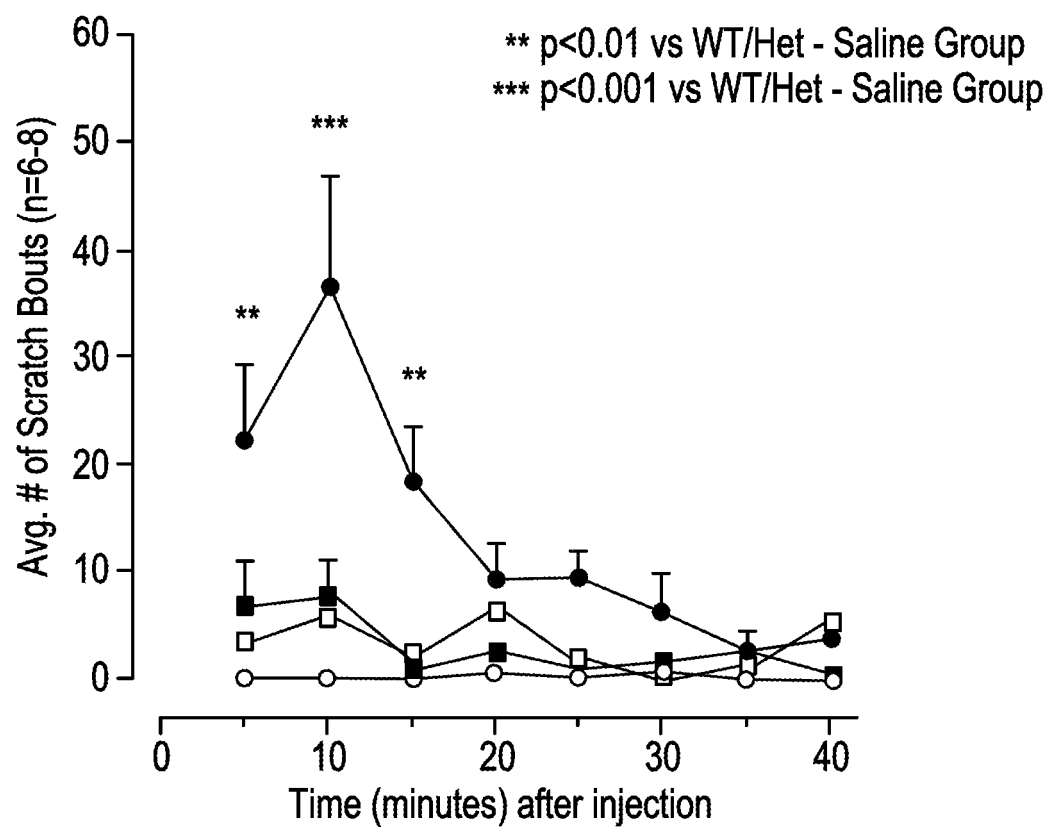
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FIG. 12B



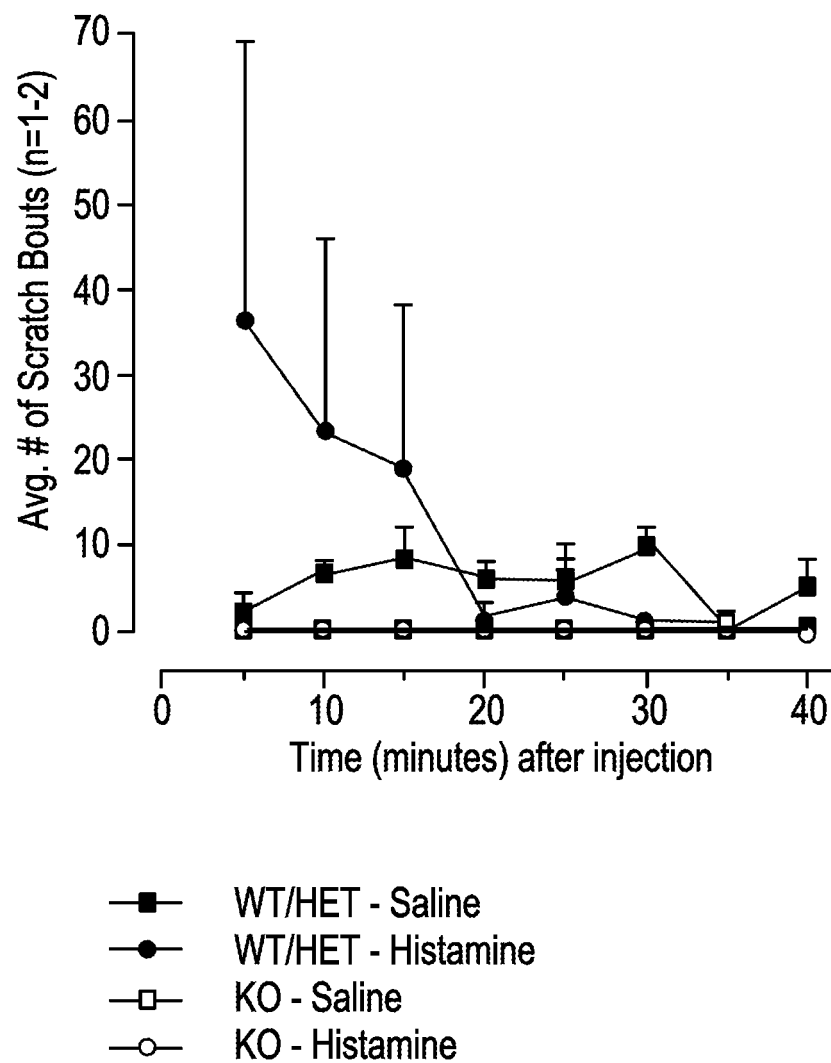
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FIG. 13A



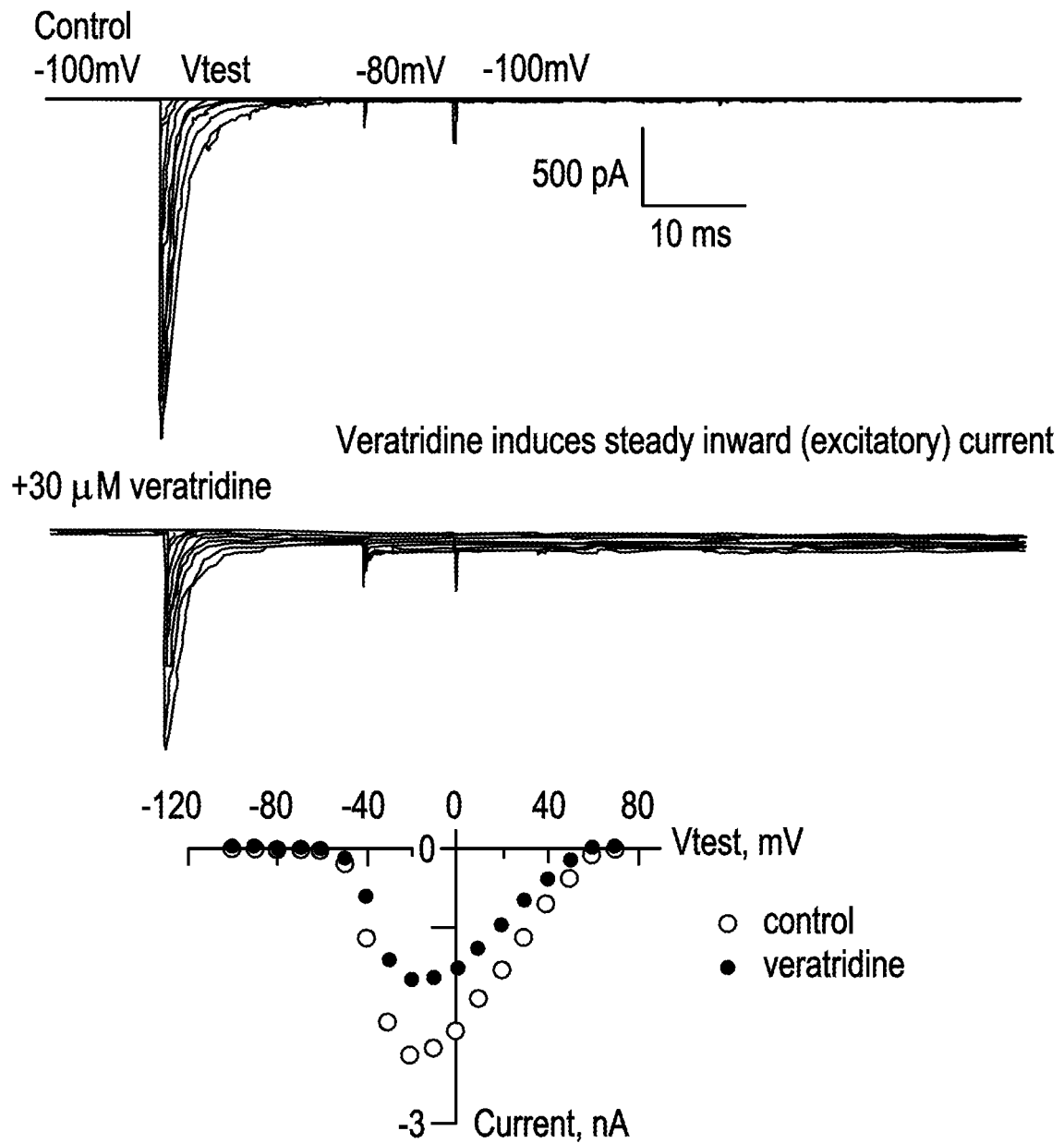
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FIG. 13B



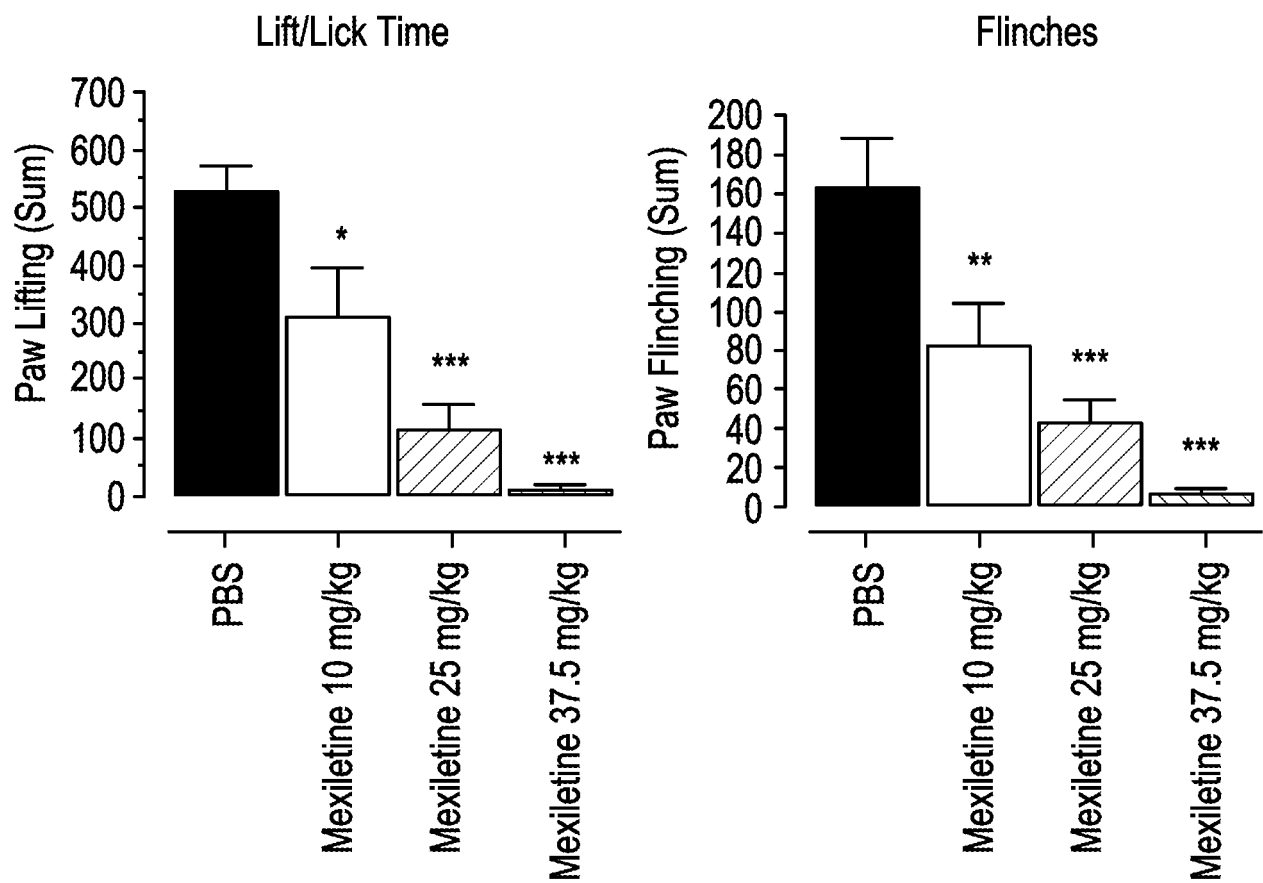
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FIG. 14



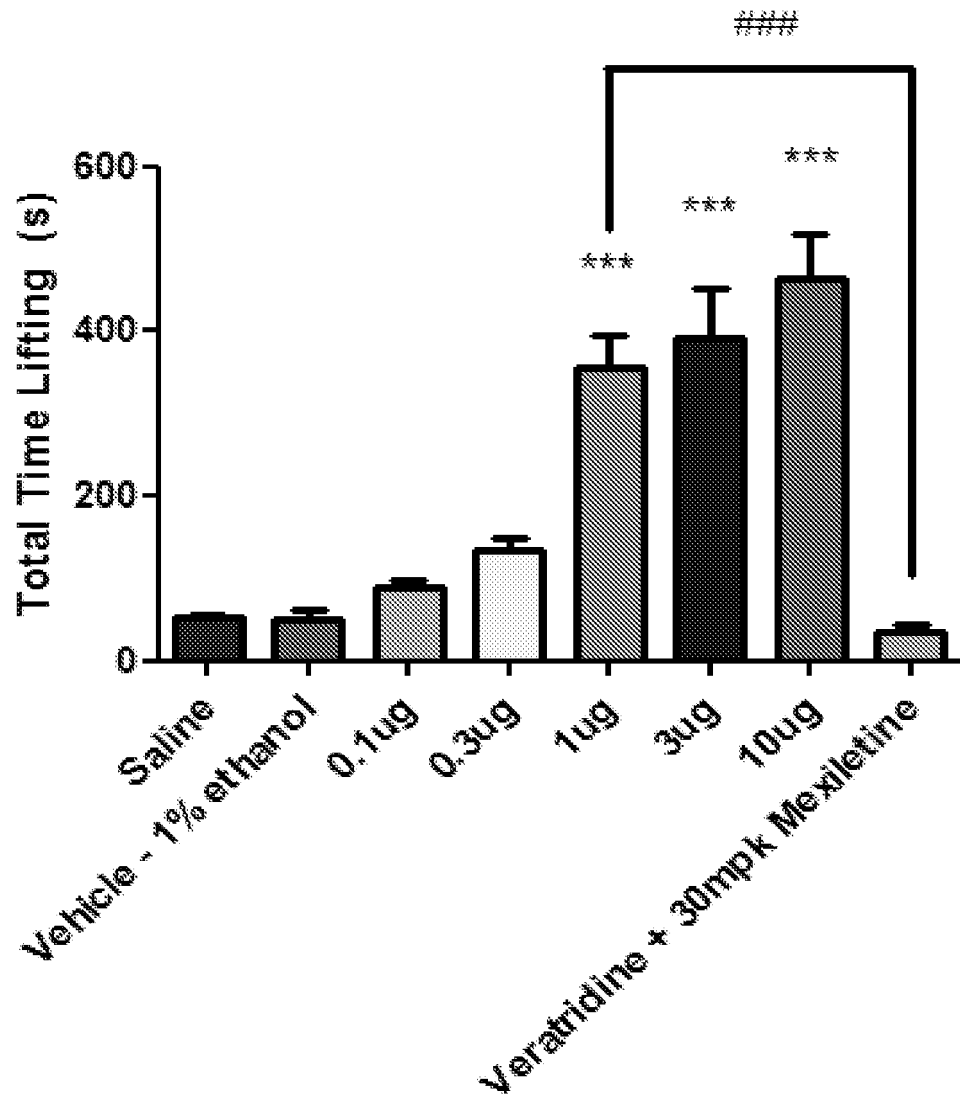
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FIG. 15

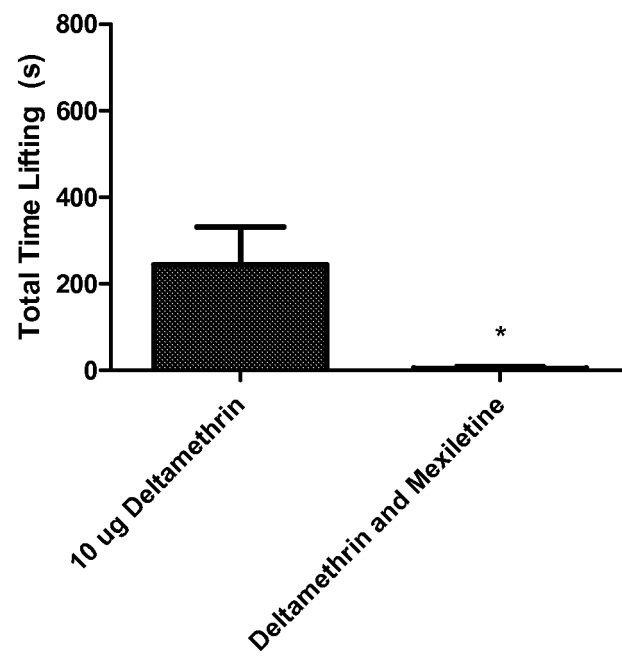


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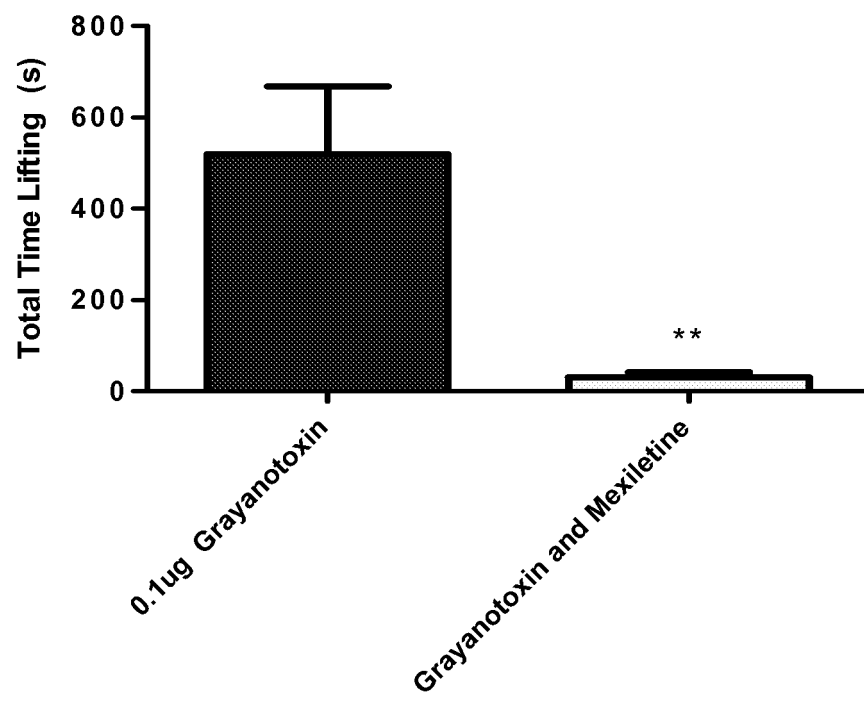
FIG. 16



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FIG. 17A

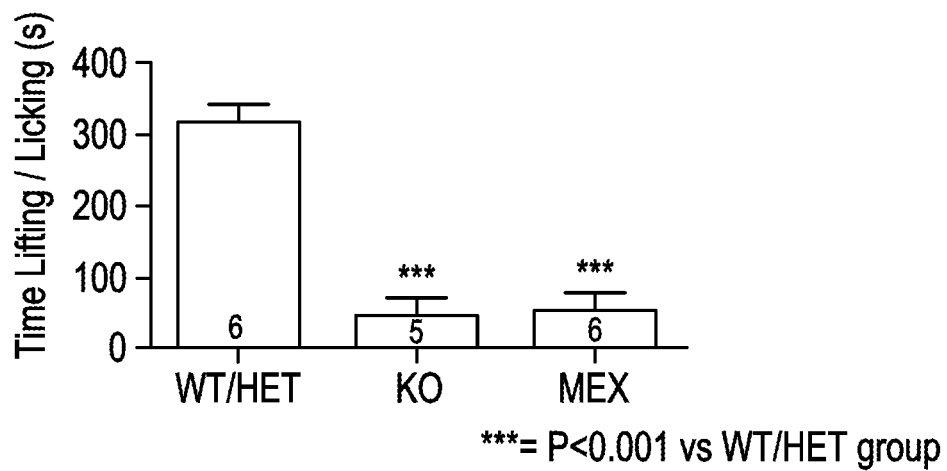
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FIG. 17B

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FIG. 18

Veratridine in Scn9a Mice
Veratridine given 1 μ g/ 20 μ l per mouse, SC dorsal paw
Vehicle - 1% Ethanol/Saline Solution
Mexiletine I.P. - 30mg/kg, preTx -30 minutes
Test length - 20 minutes



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FIG. 19A

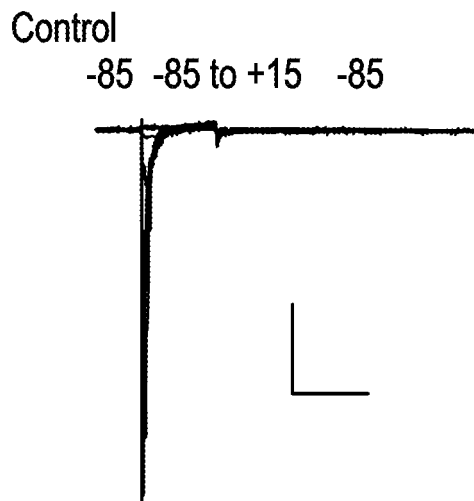


FIG. 19B

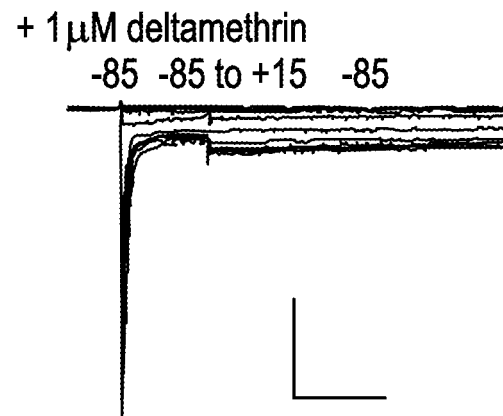
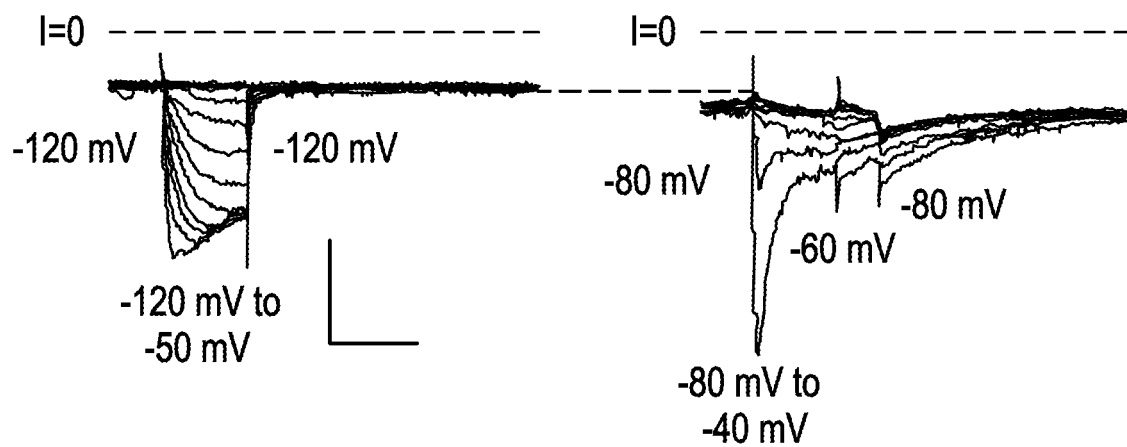


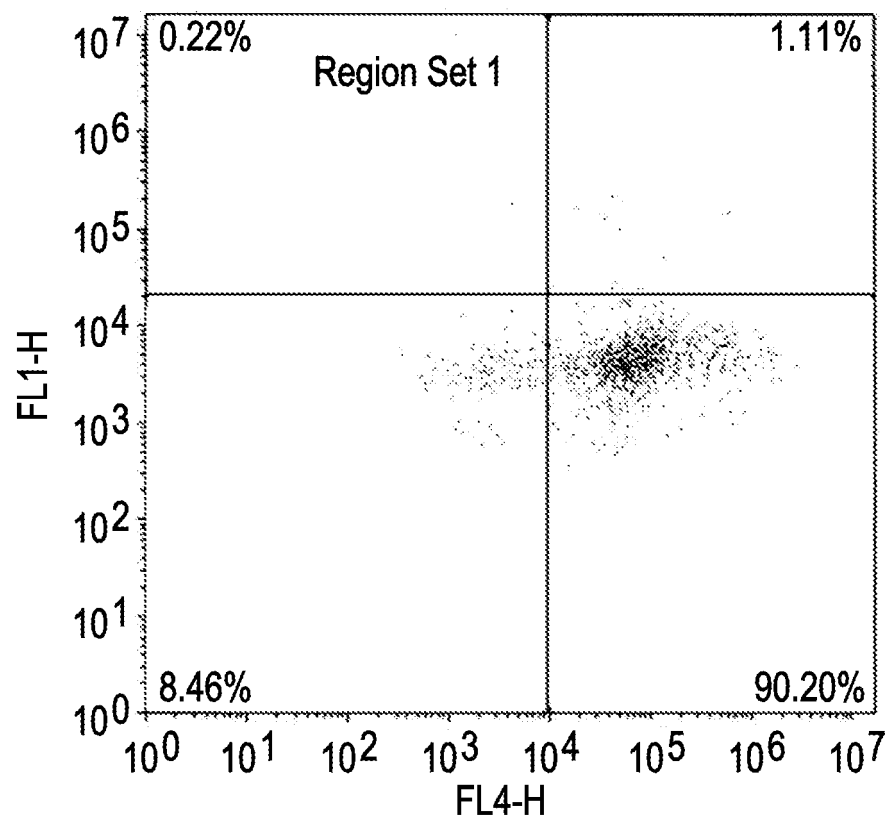
FIG. 19C



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FIG. 20A

Well 23E4 Nav1.7 Stable



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FIG. 20B

Well 23E44293T Parental

