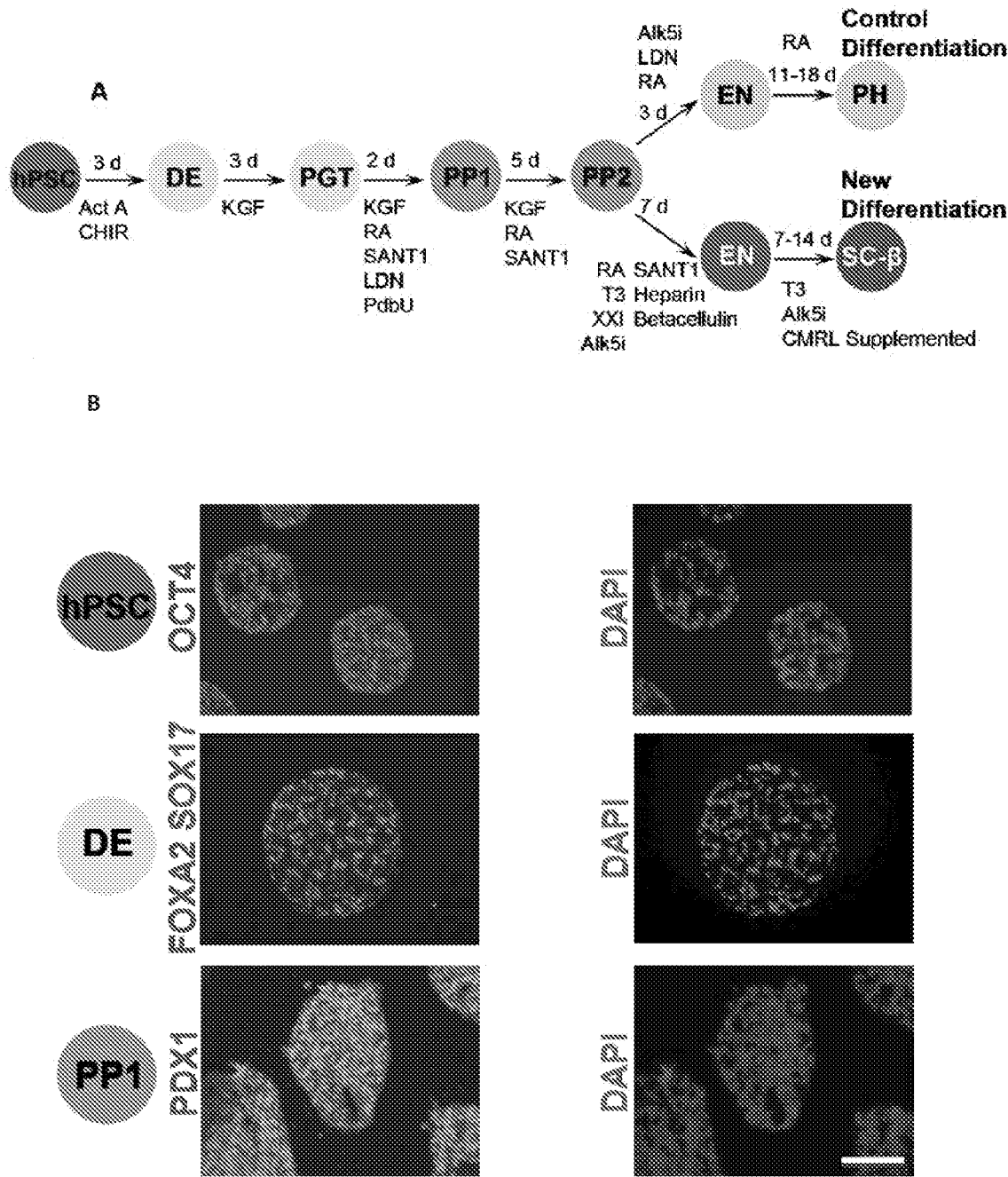
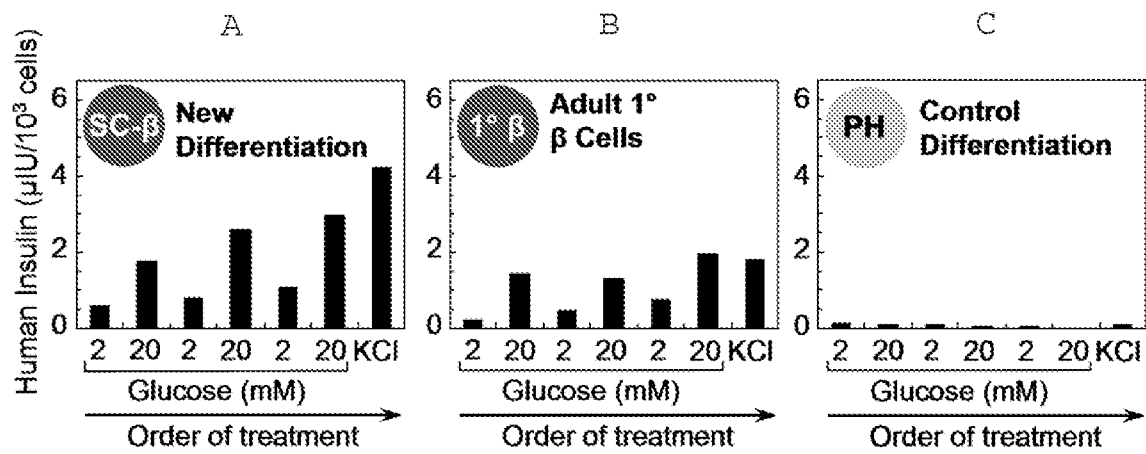
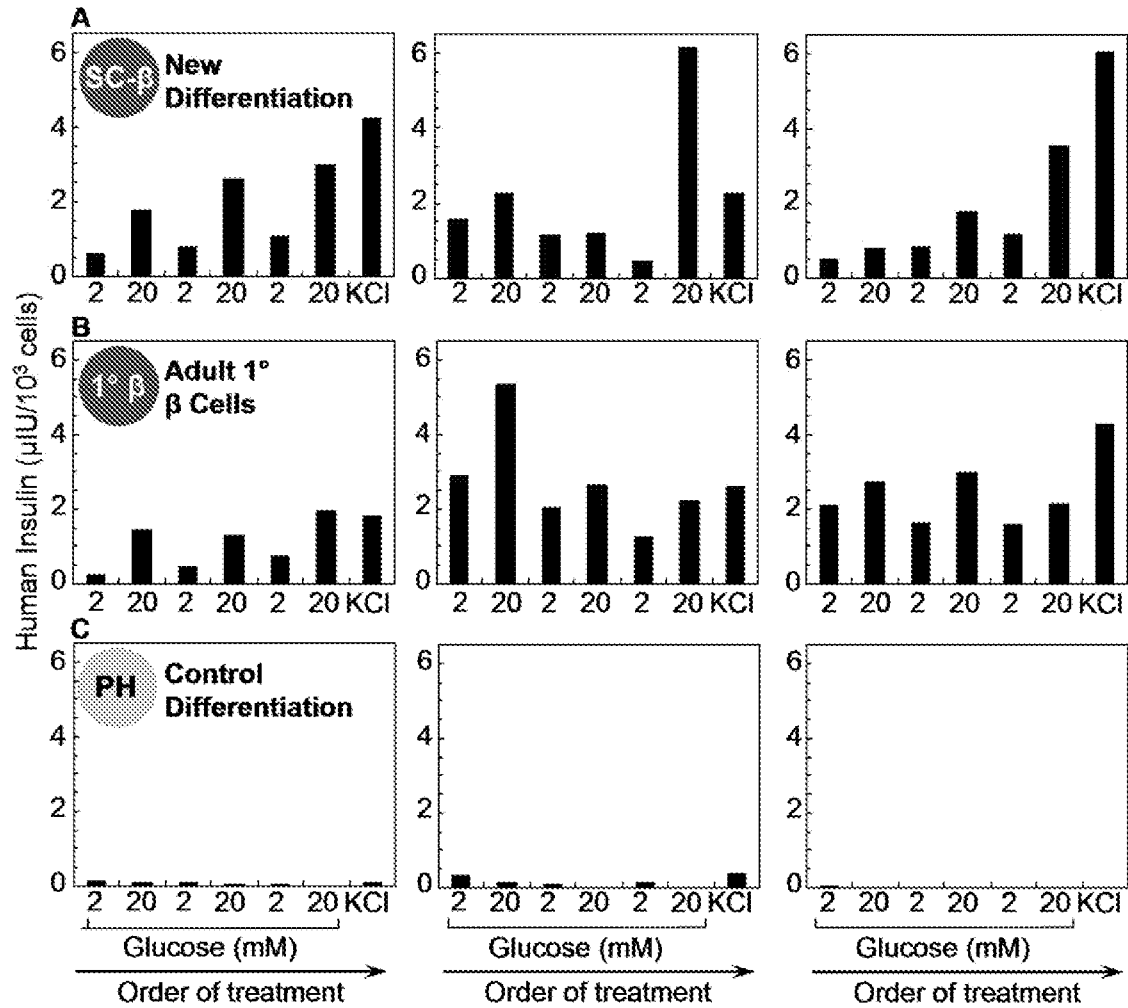




FIGS. 1A-1B

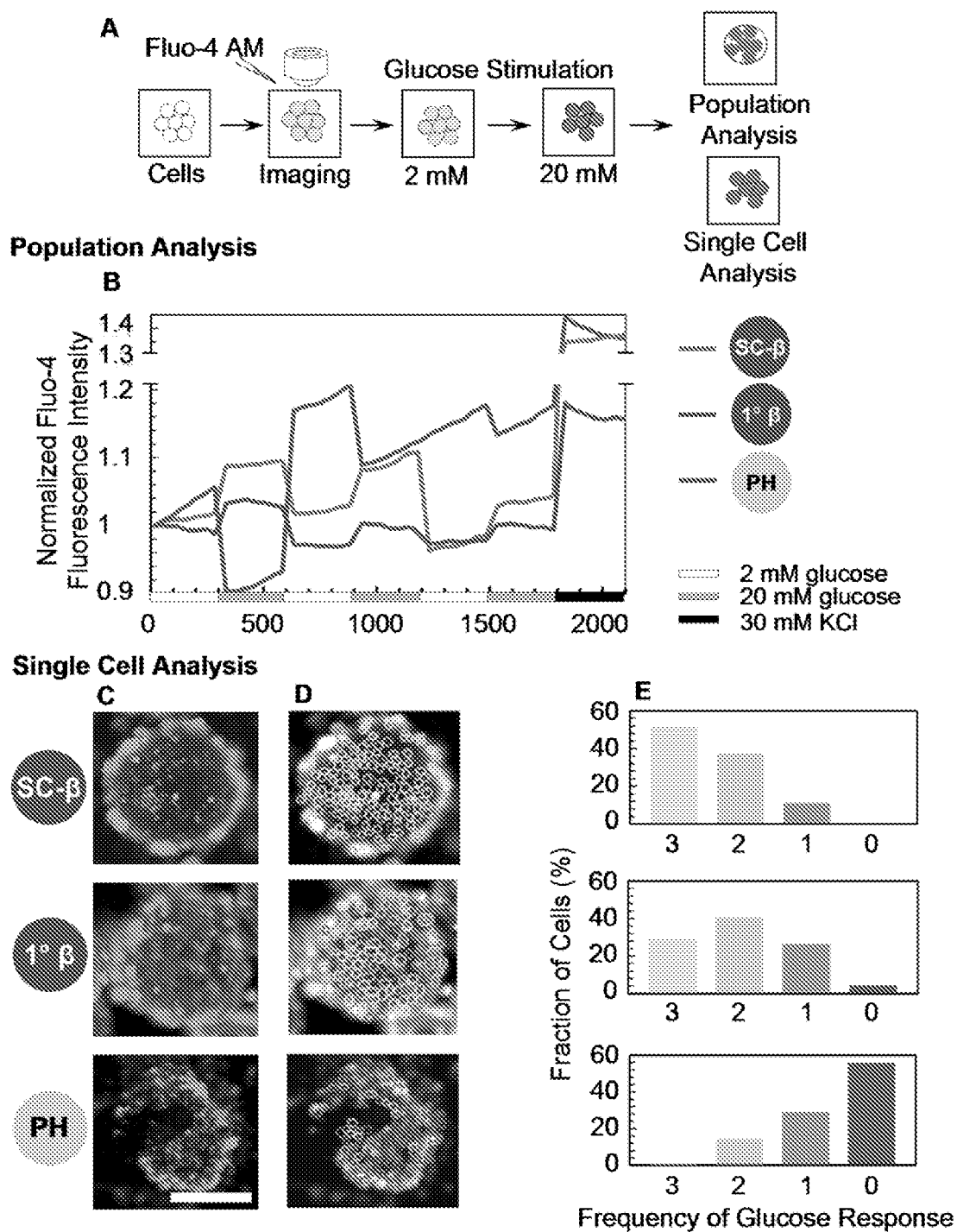


FIGS. 2A-2C



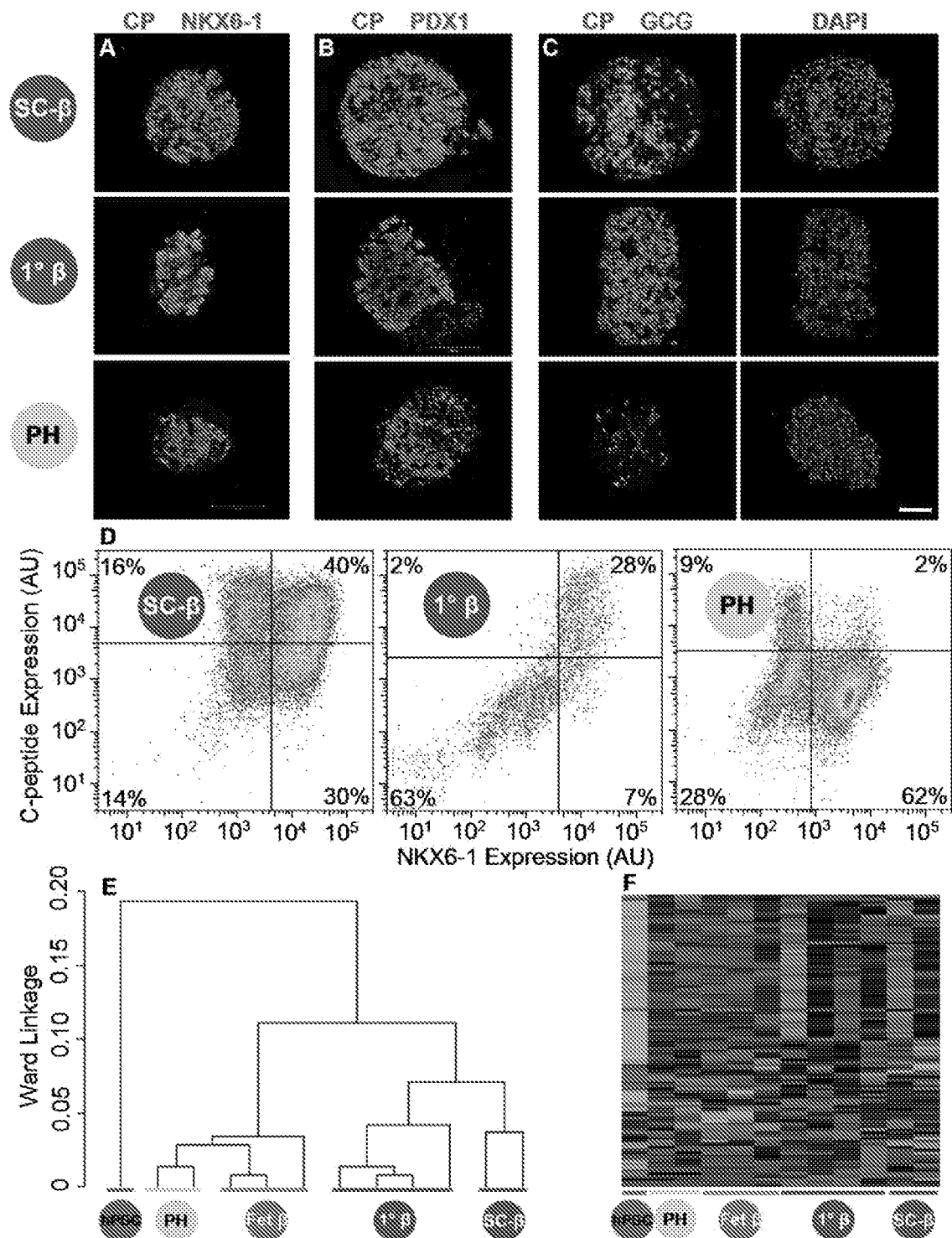
FIGS. 3A-3C

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FIGS. 4A-4E

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FIGS. 5A-5F

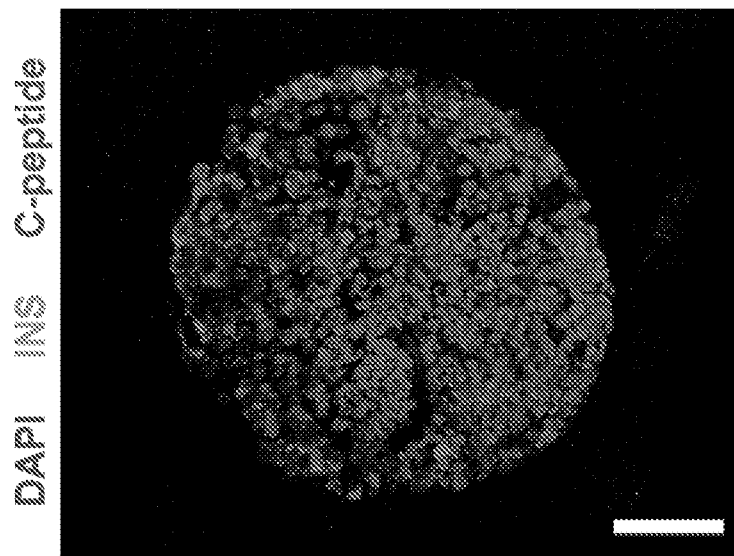
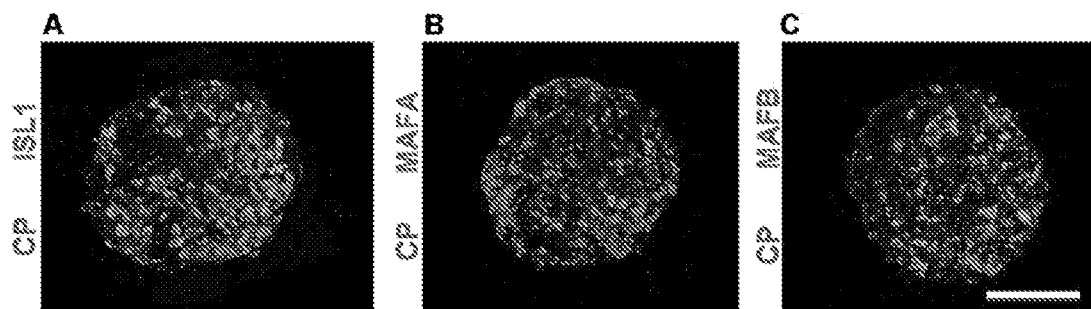
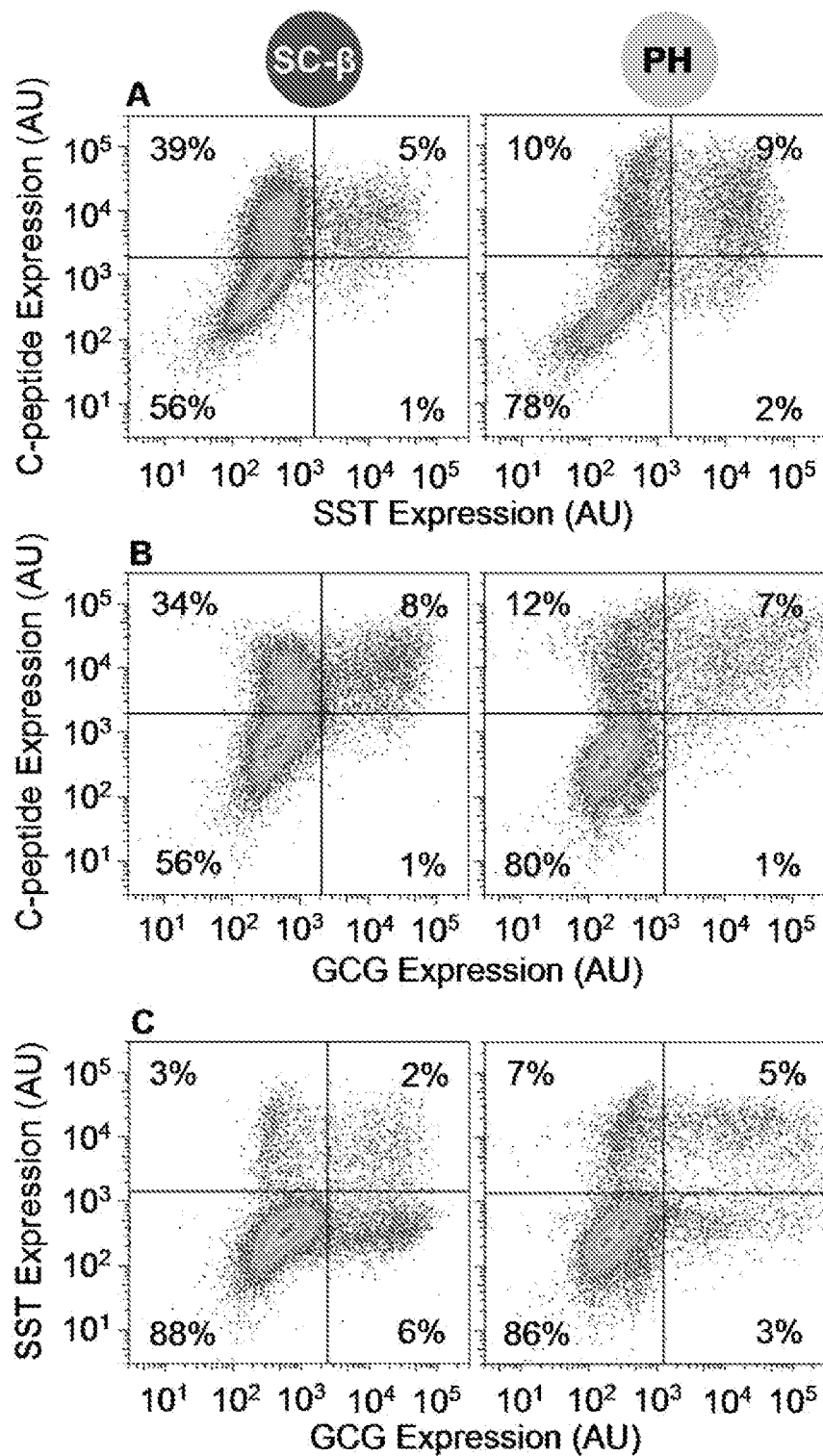


FIG. 6



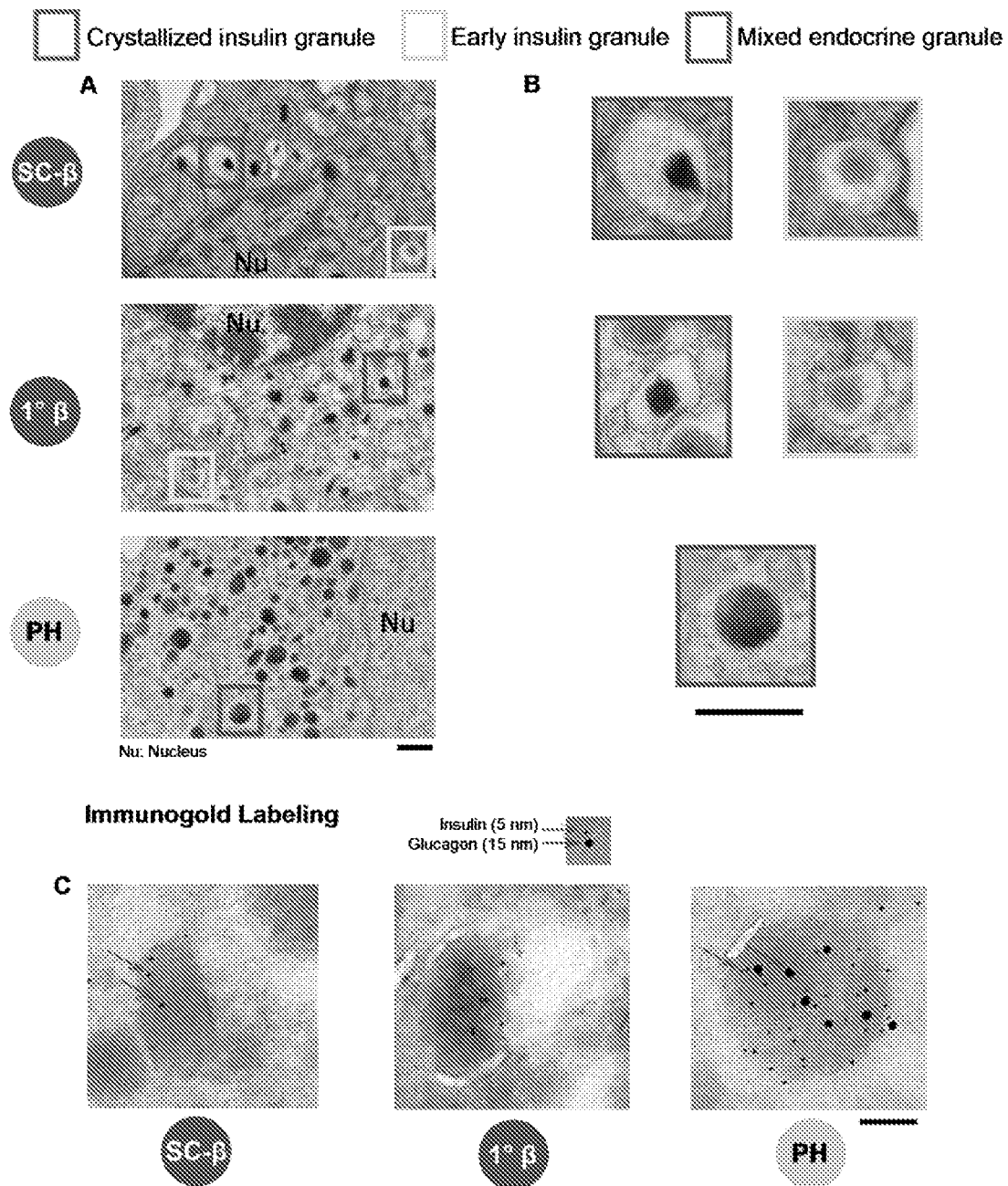
FIGS. 7A-7C

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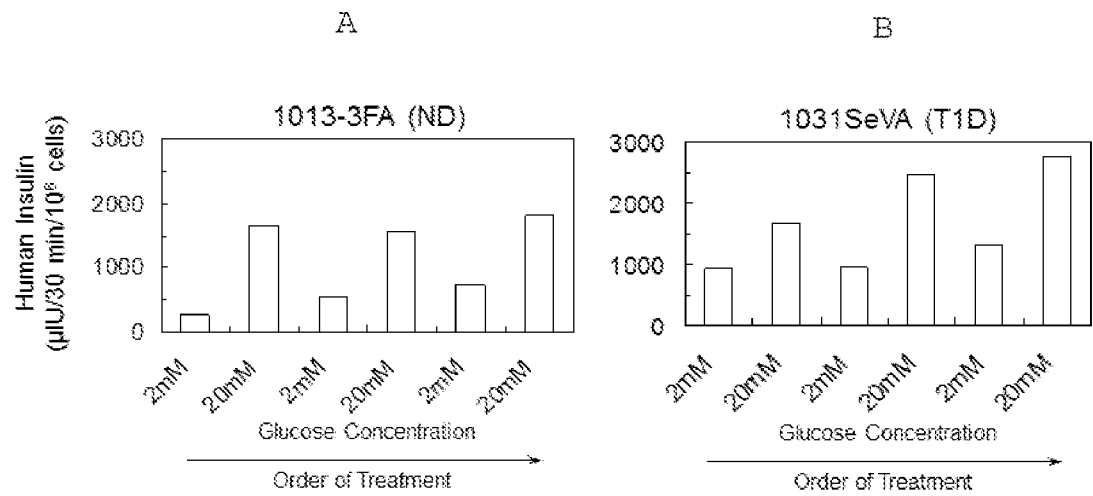
FIGS. 8A-8C

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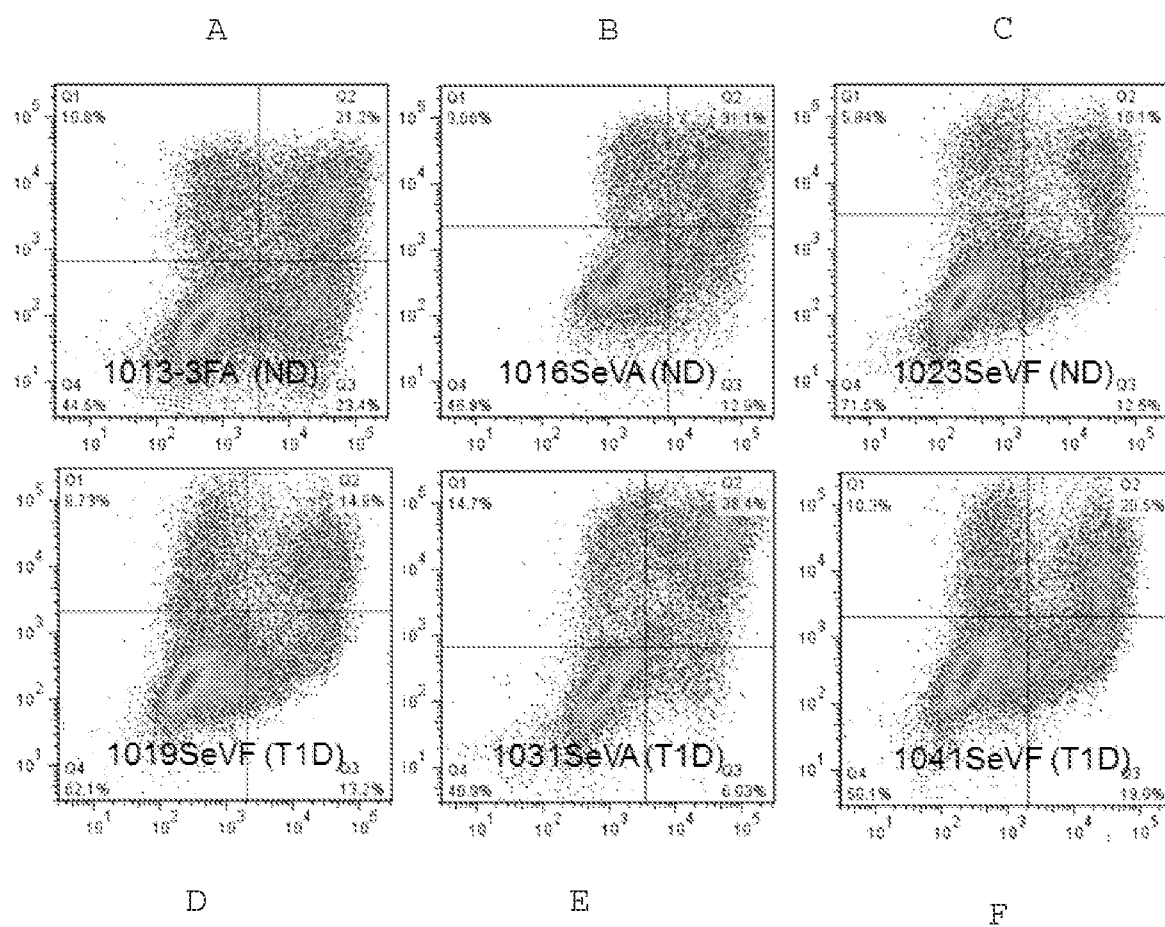
FIGS. 9A-9C

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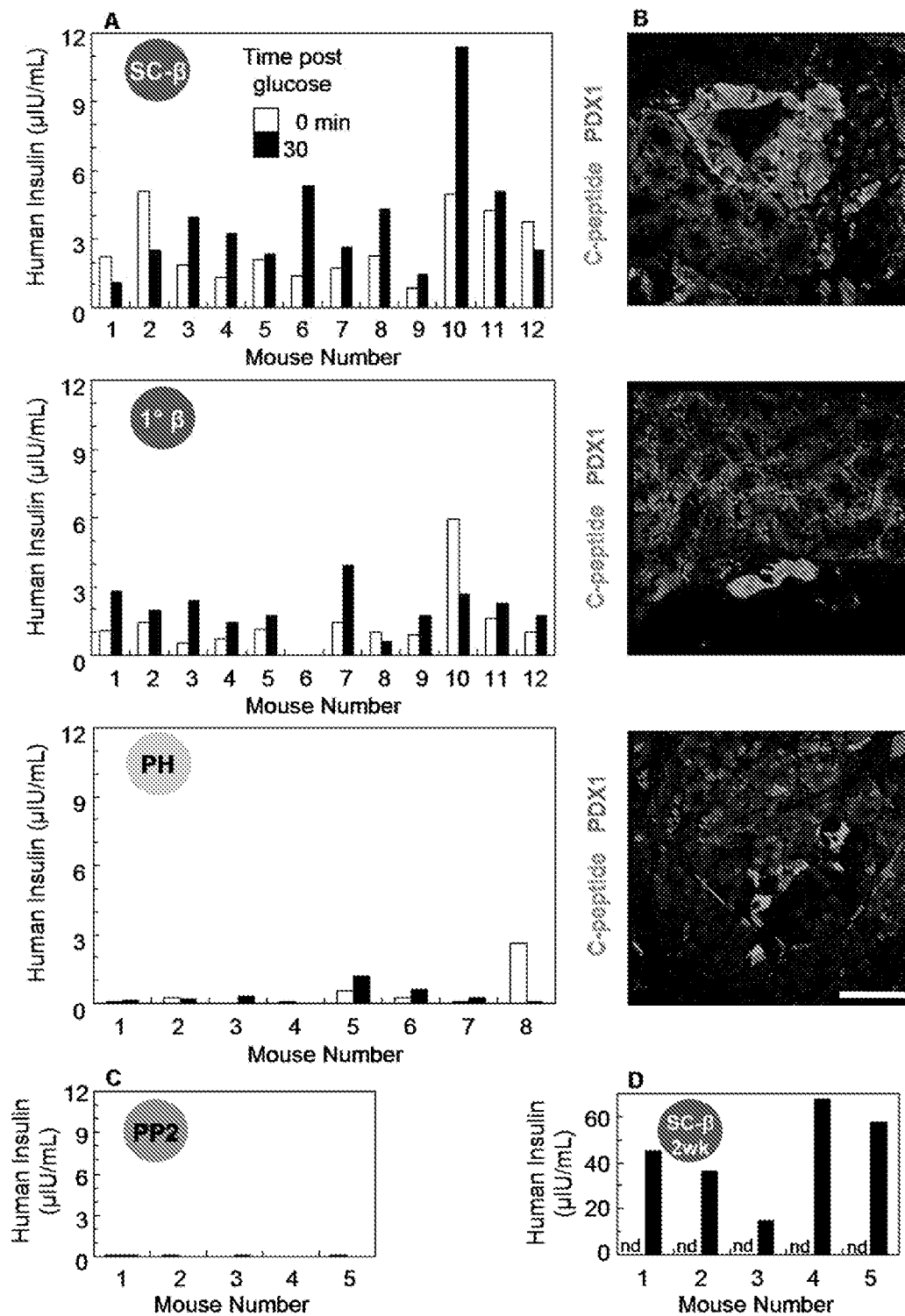
FIGS. 10A-10B

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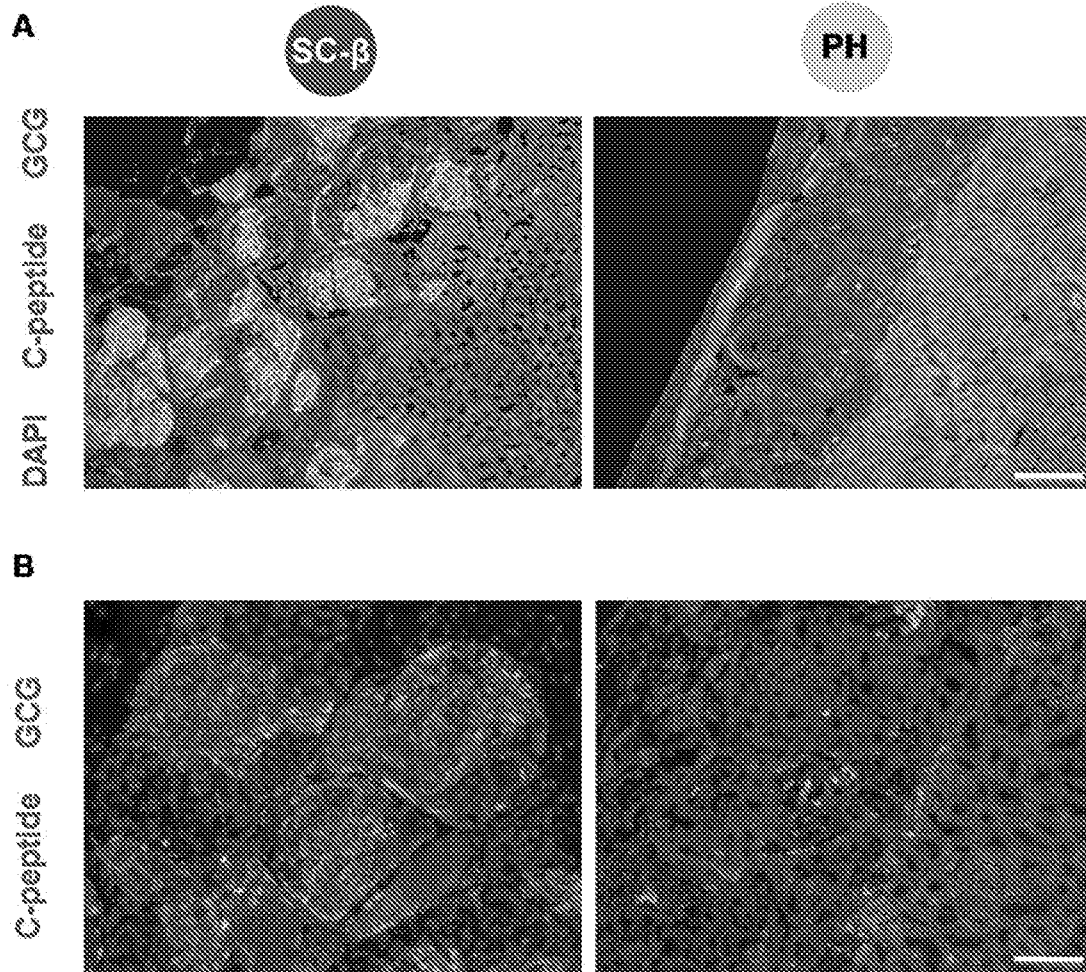


FIGS. 11A-11F

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FIGS. 12A-12D



FIGS. 13A-13B

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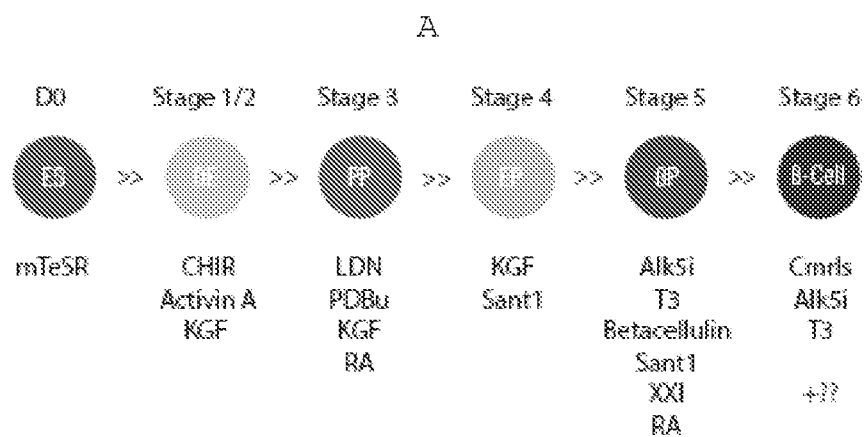
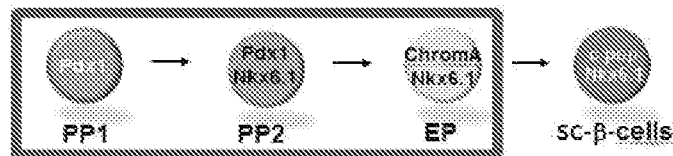
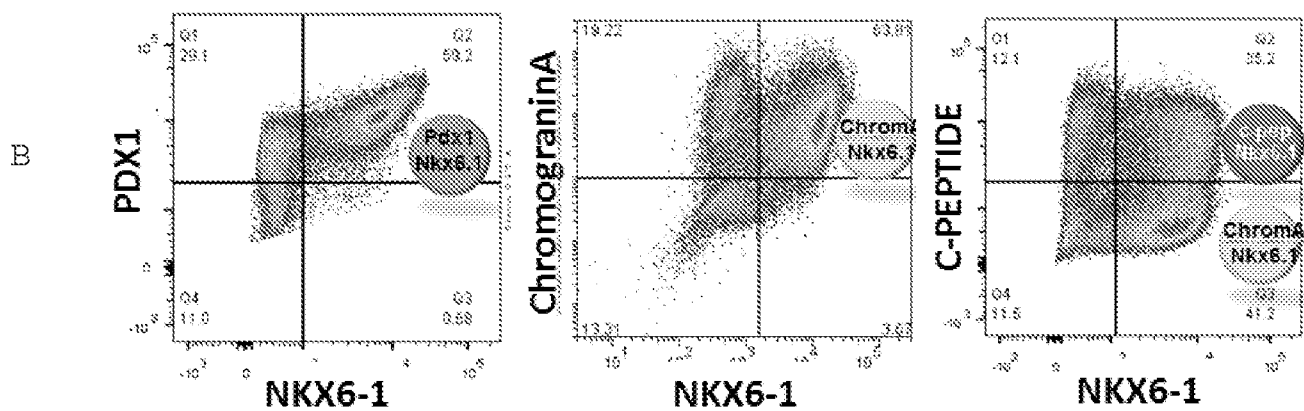
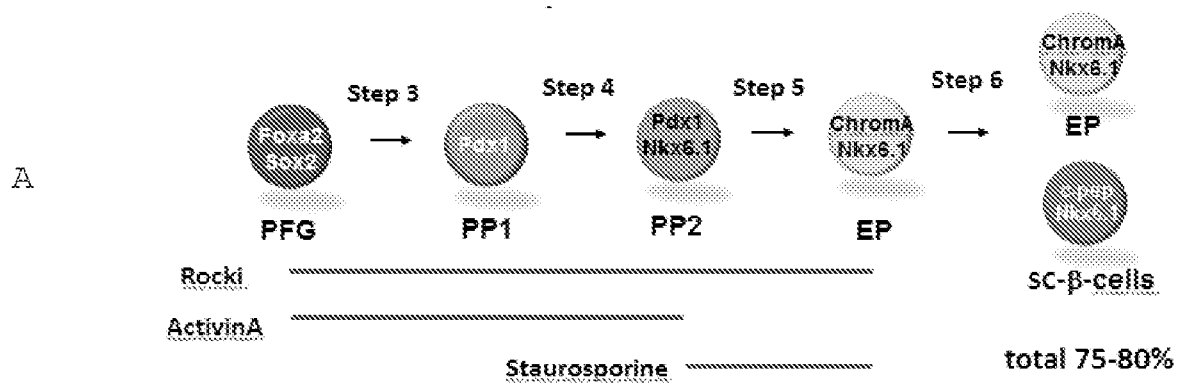
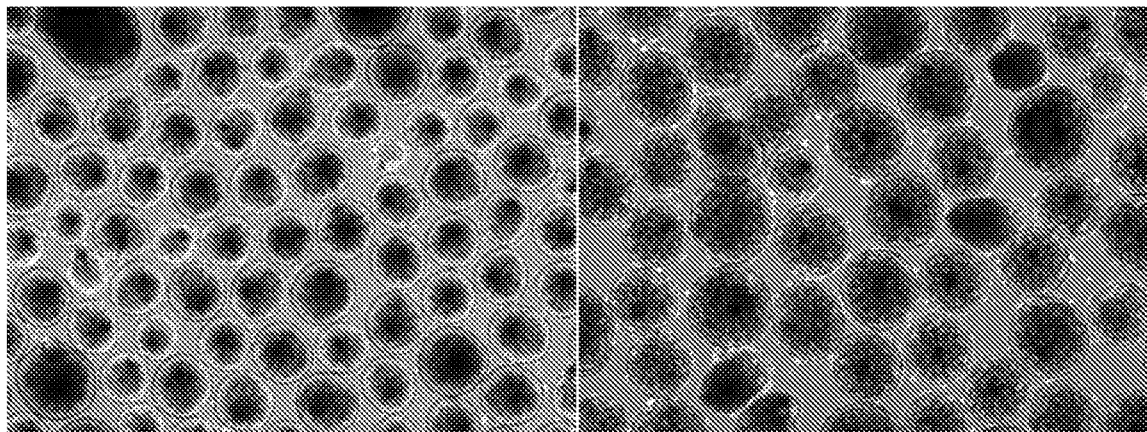


FIG. 14A



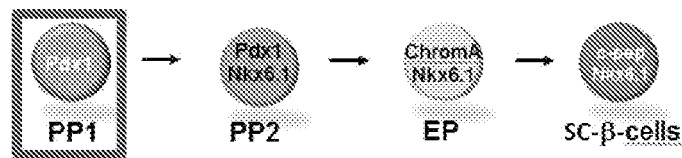
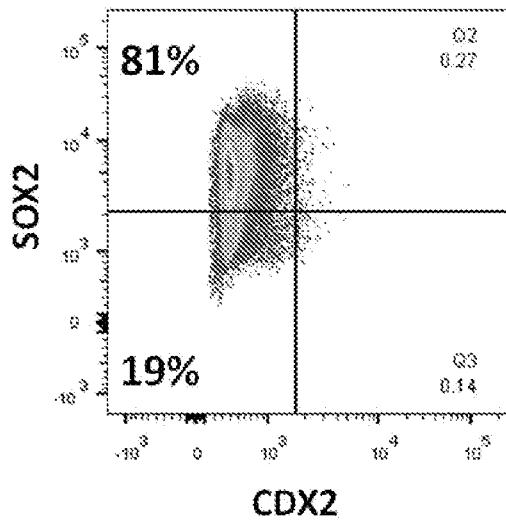
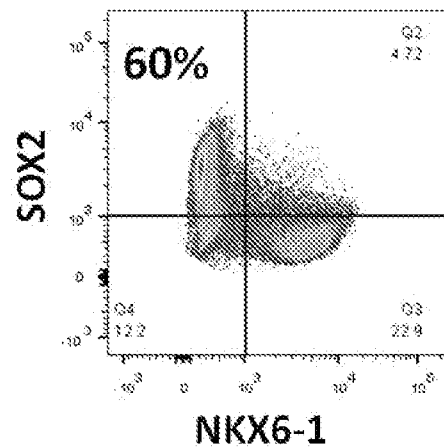
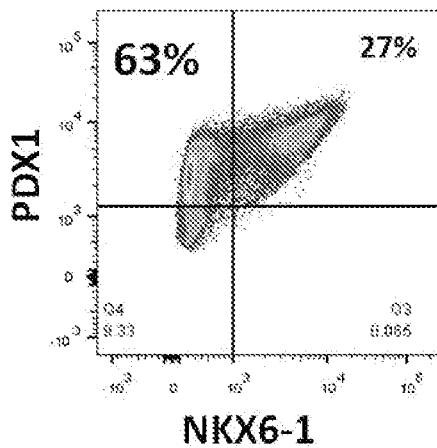
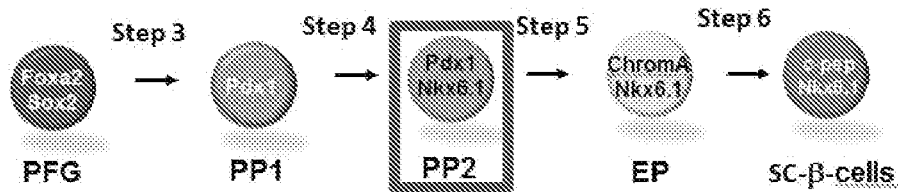
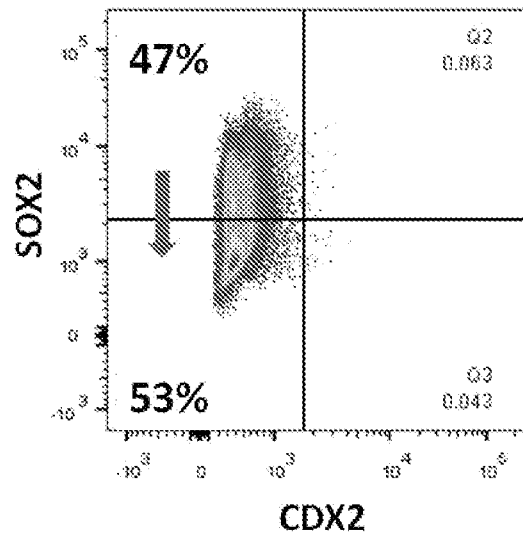
w/o Rock1

10μM Rock1



FIGS. 15A-15C

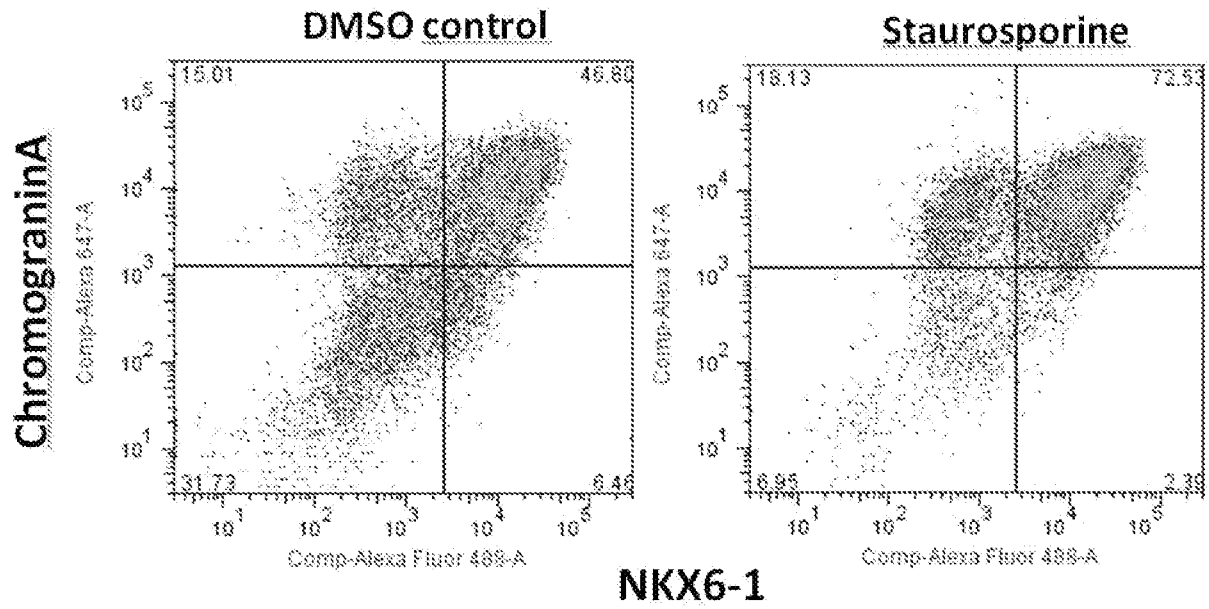
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**Current protocol****Nicotinamide + ActivinA**

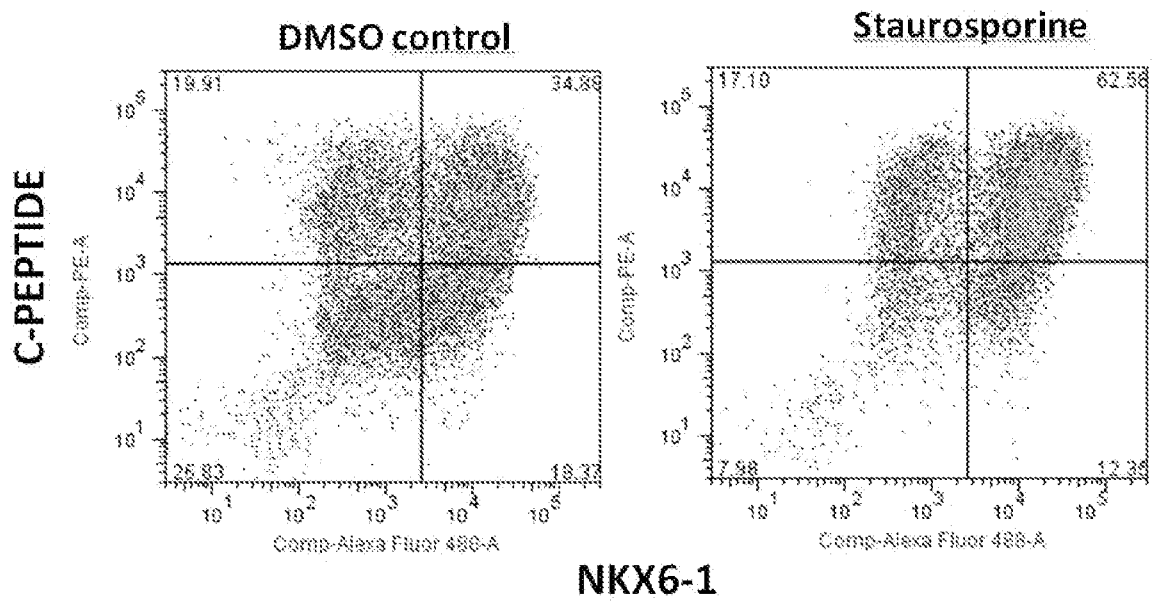
FIGS. 15D-15E

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F

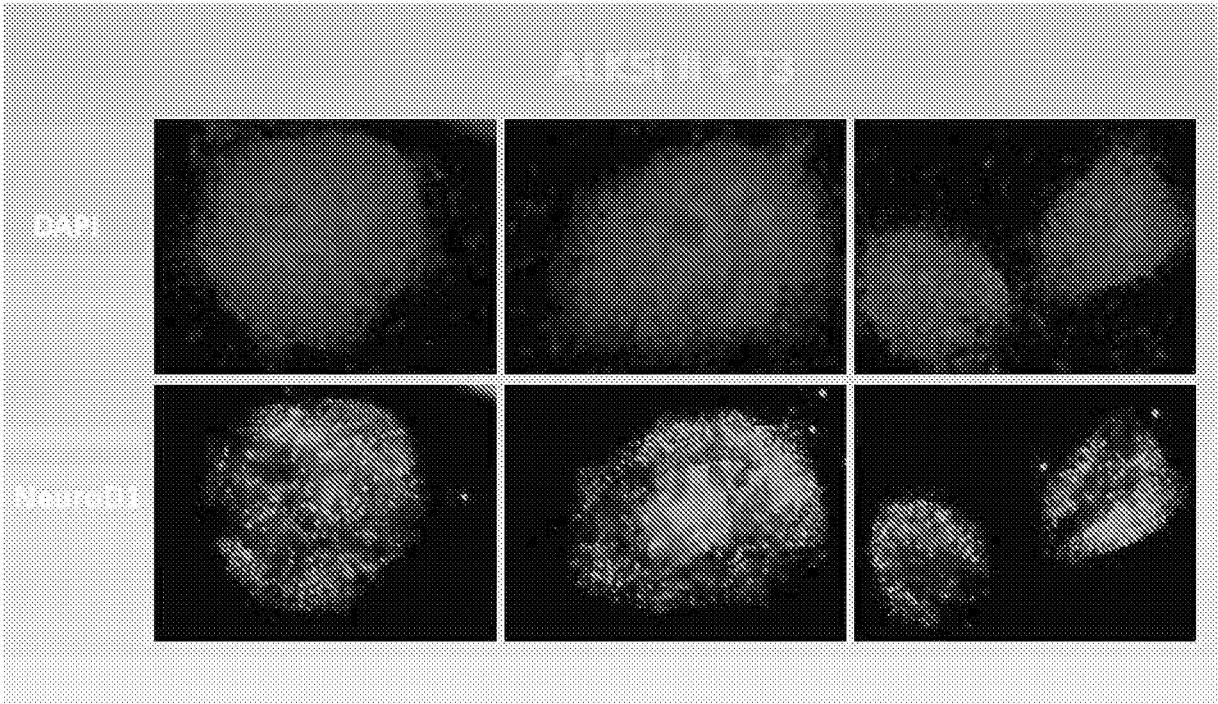


G

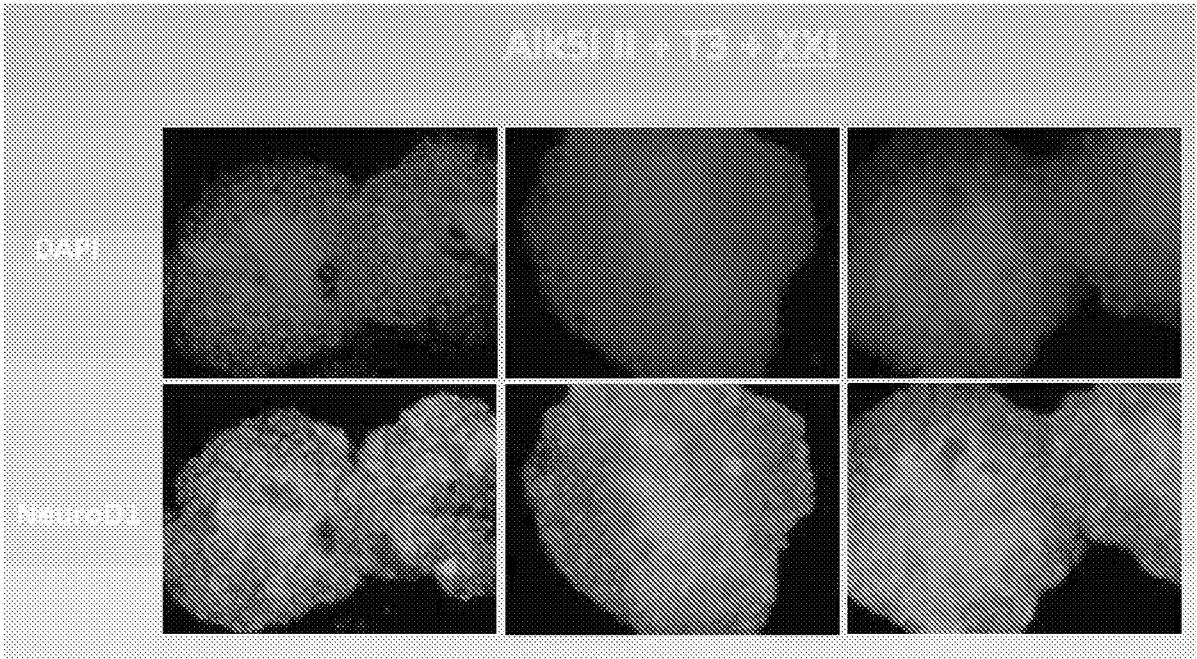


FIGS. 15F-15G

H

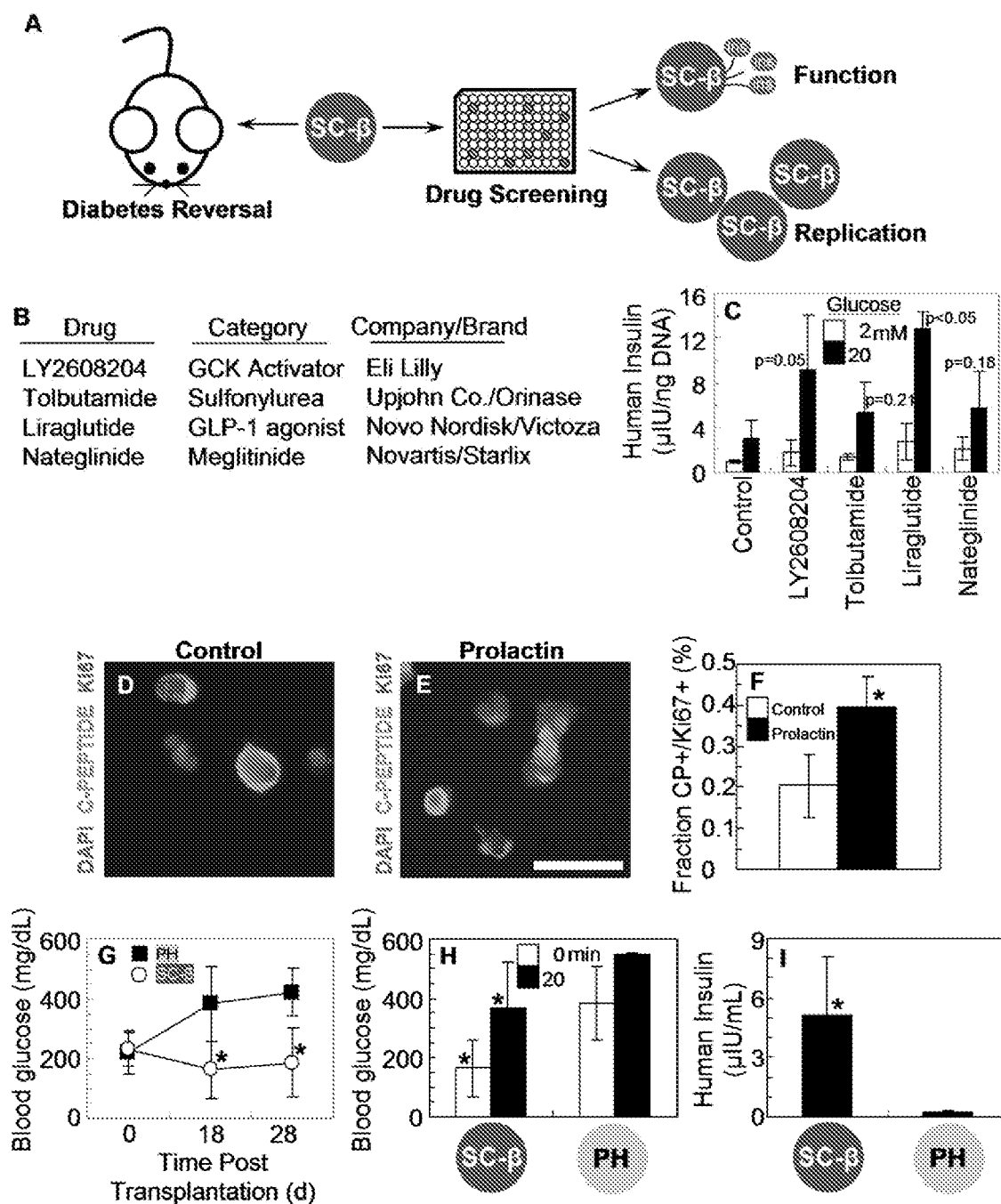


I



FIGS. 15H-15I

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FIGS. 16A-16I

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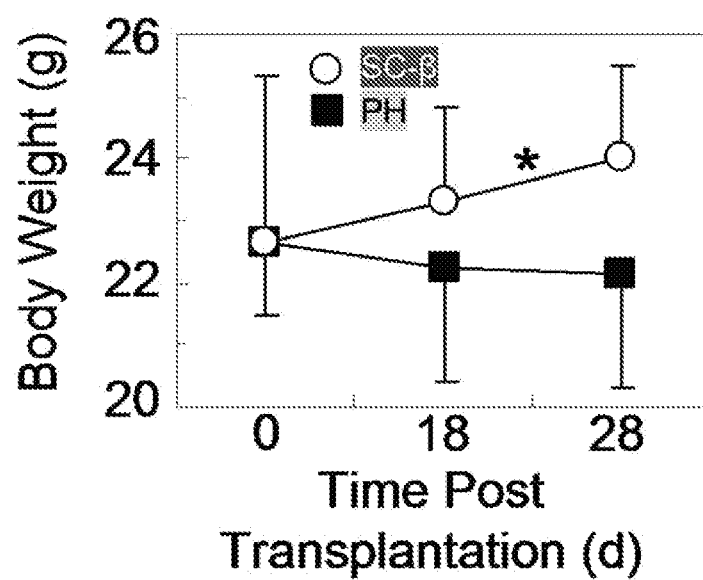


FIG. 17