

Figure 1A

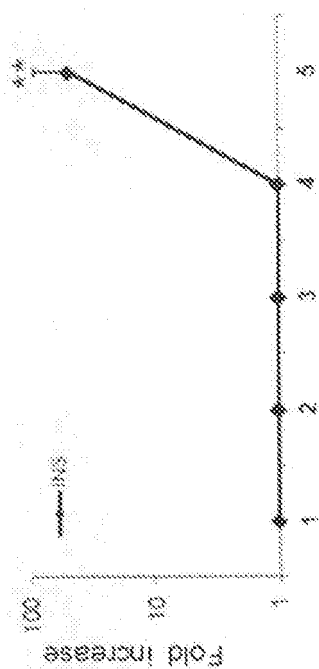


Figure 1B

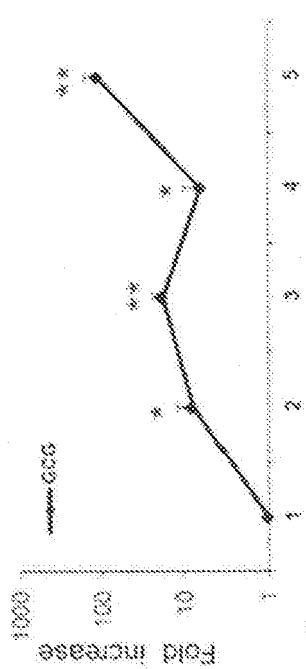


Figure 1C

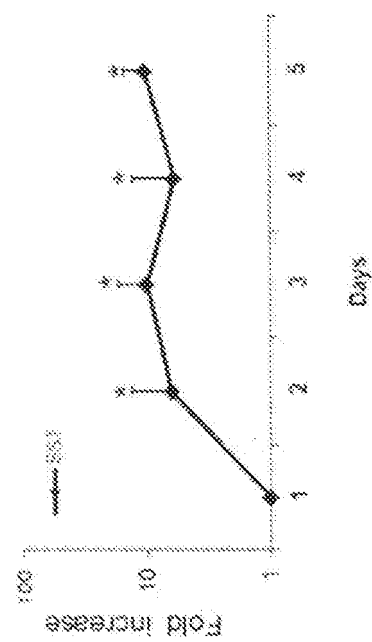
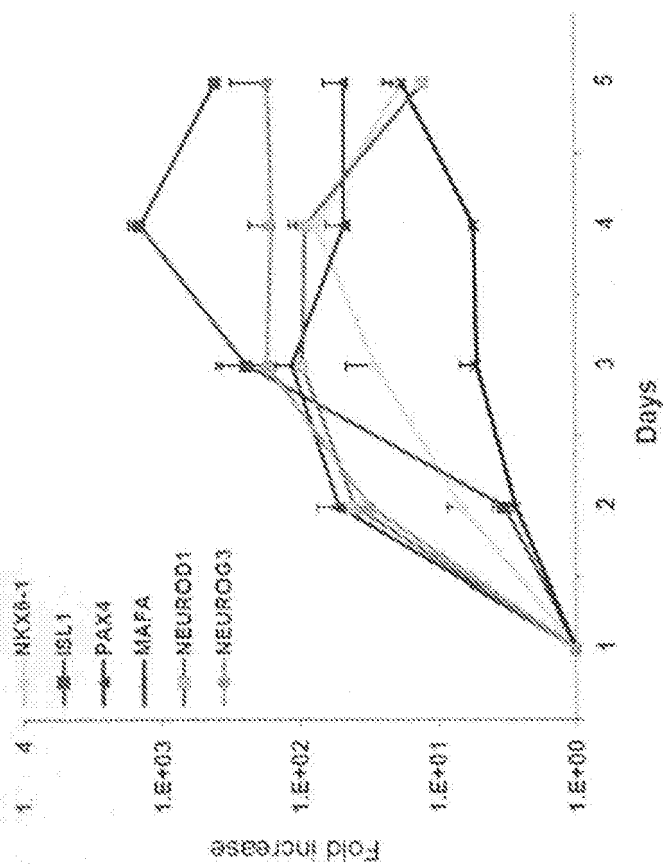


Figure 1D

Figure 2C

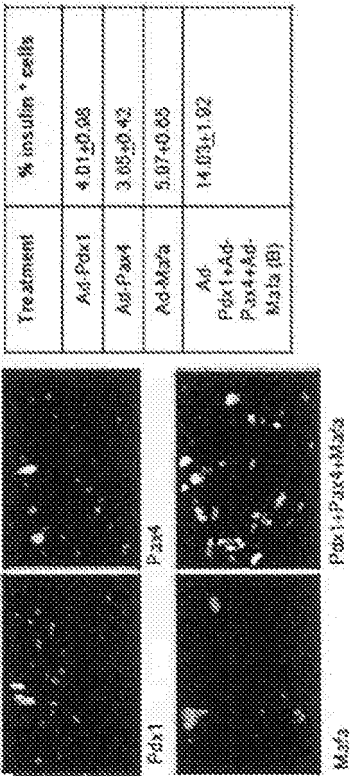
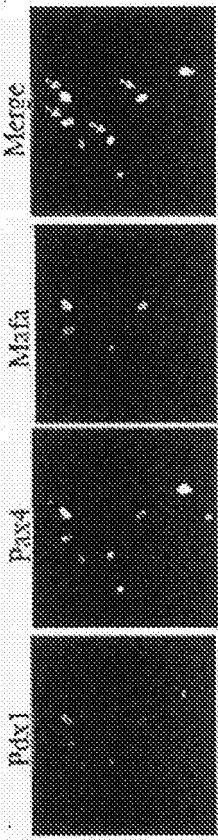


Figure 2A



D

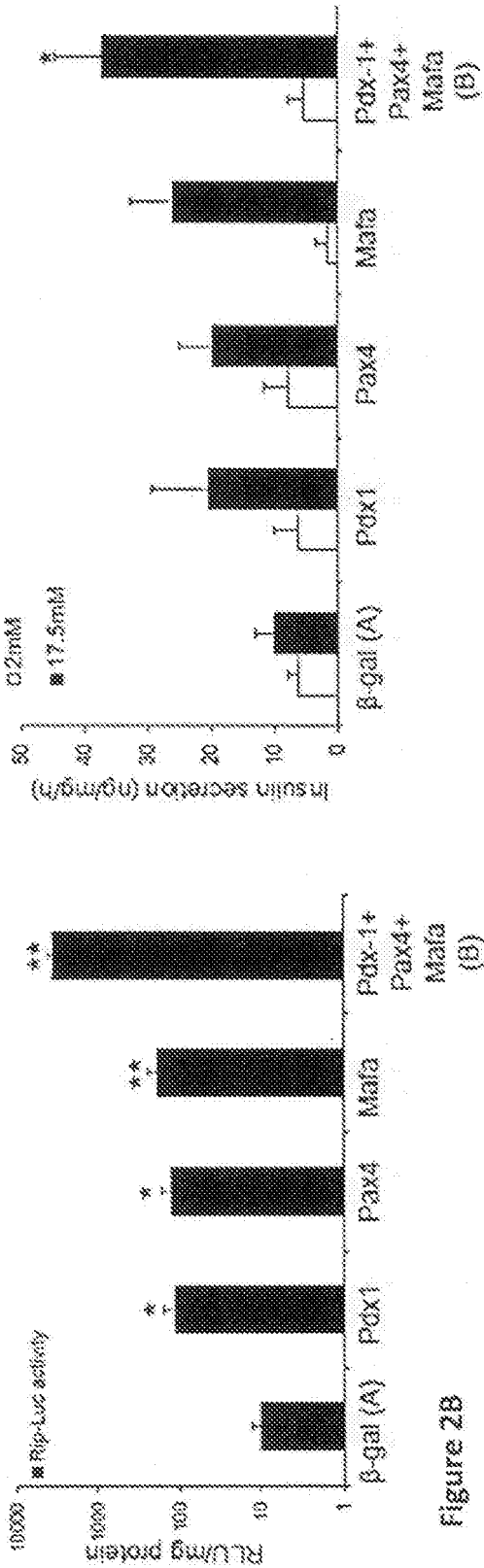


Figure 2B

Figure 2D

4/48

Figure 4A

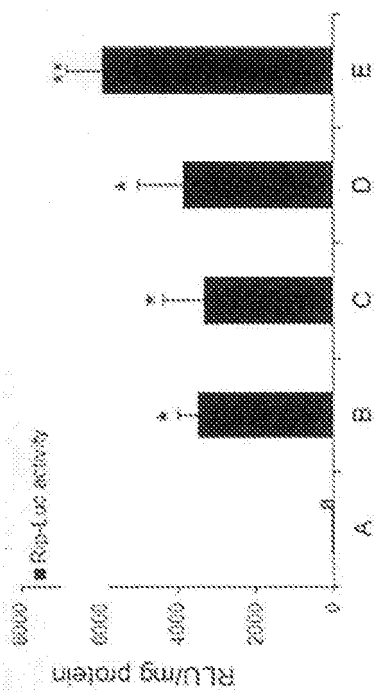


Figure 4B

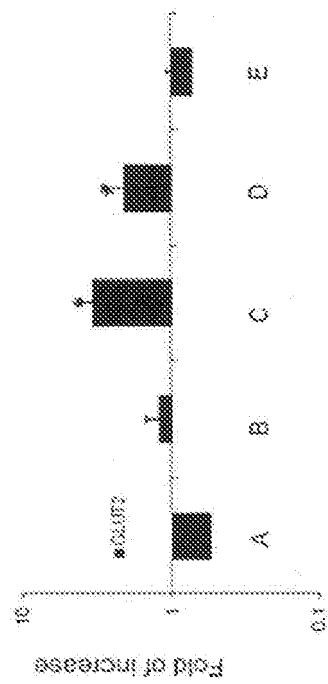
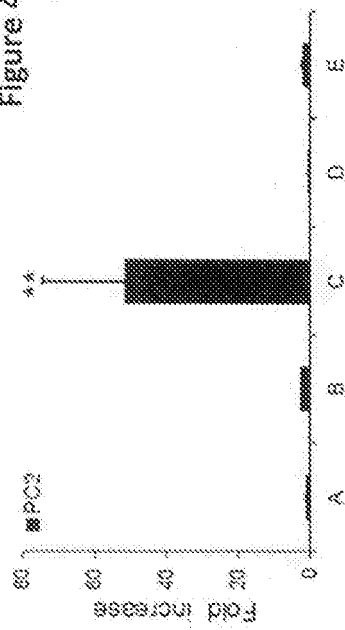


Figure 4C



5/48

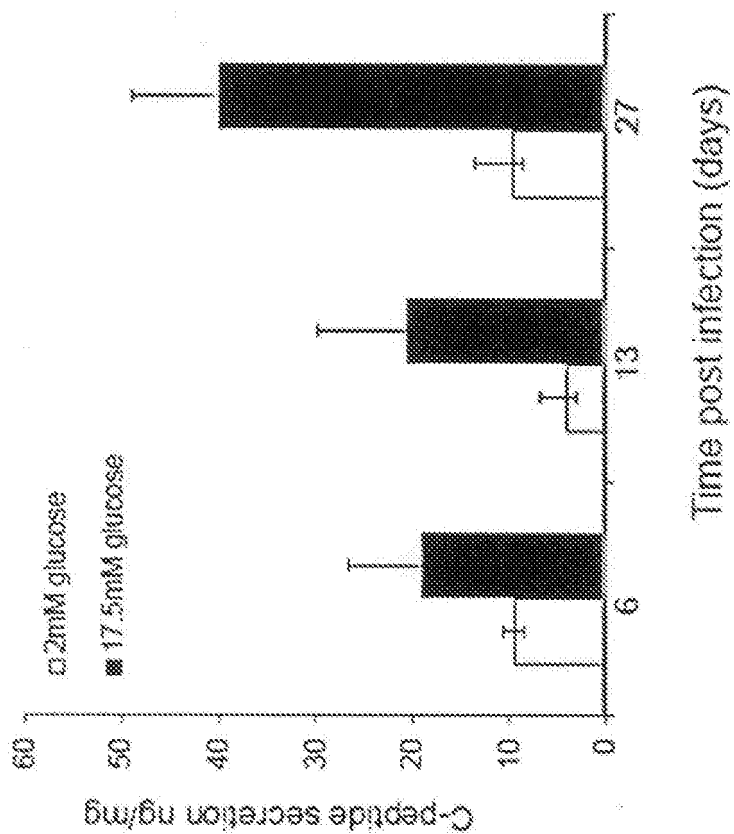


Figure 5B

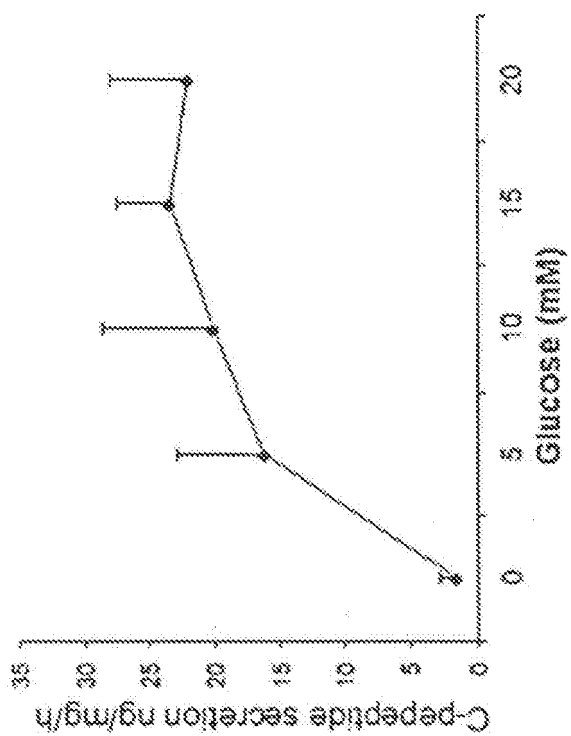


Figure 5A

Figure 6C

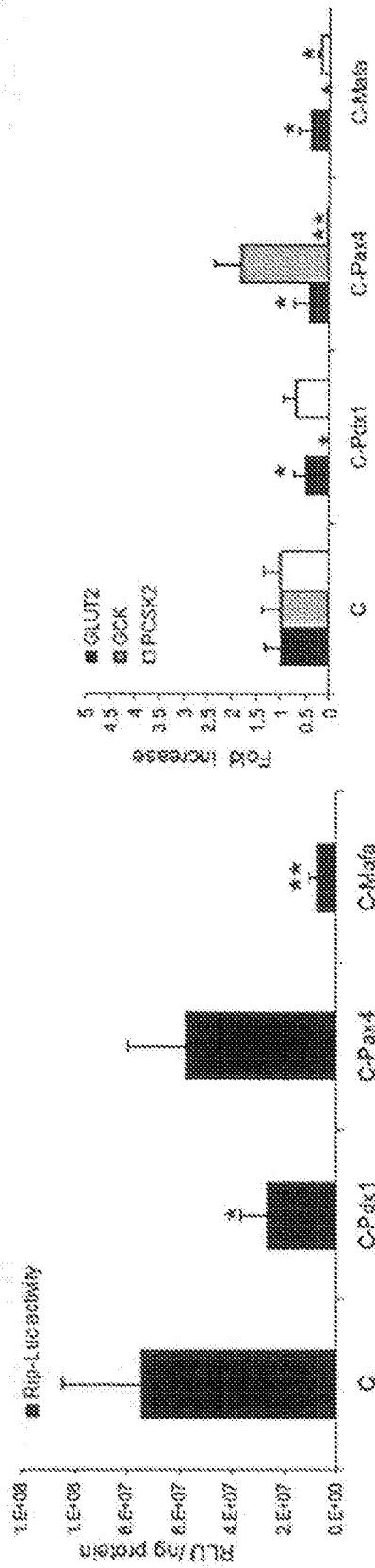


Figure 6A

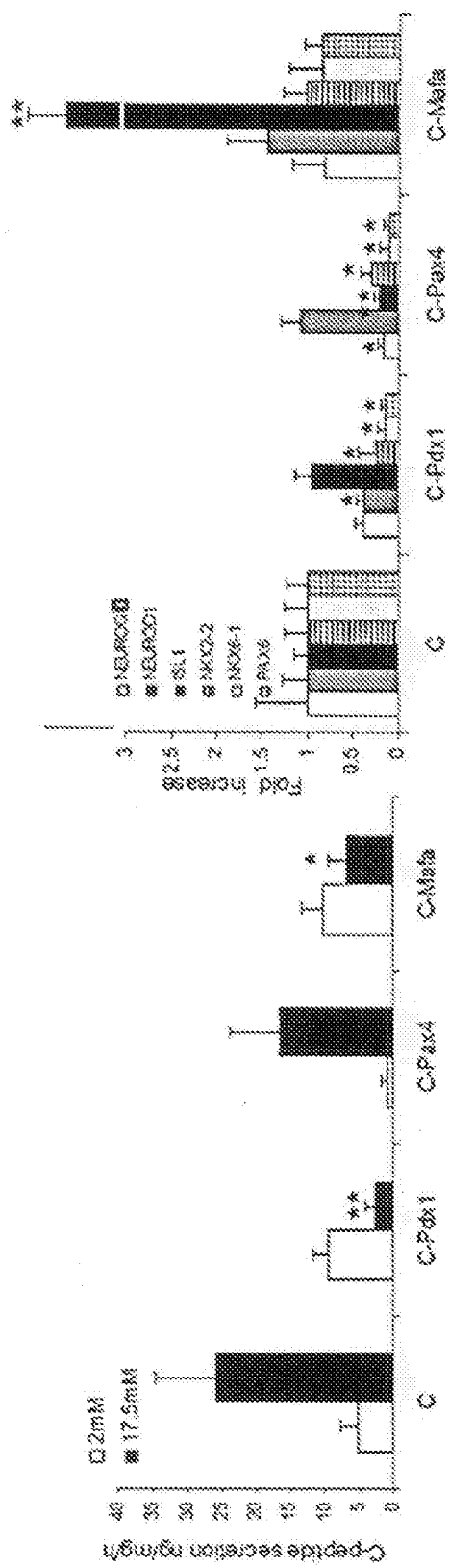
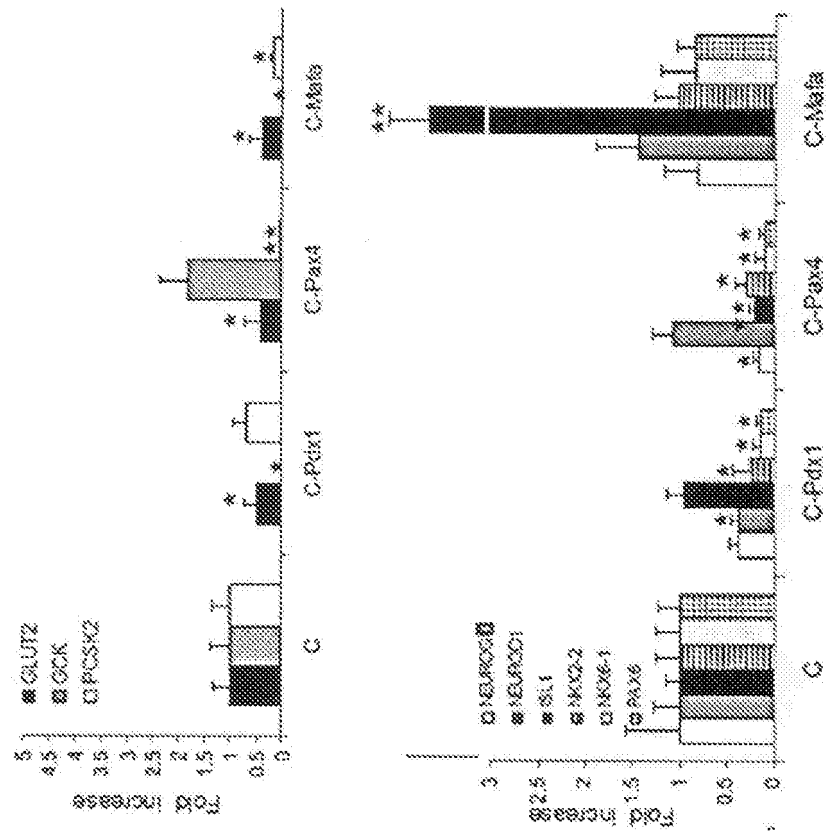
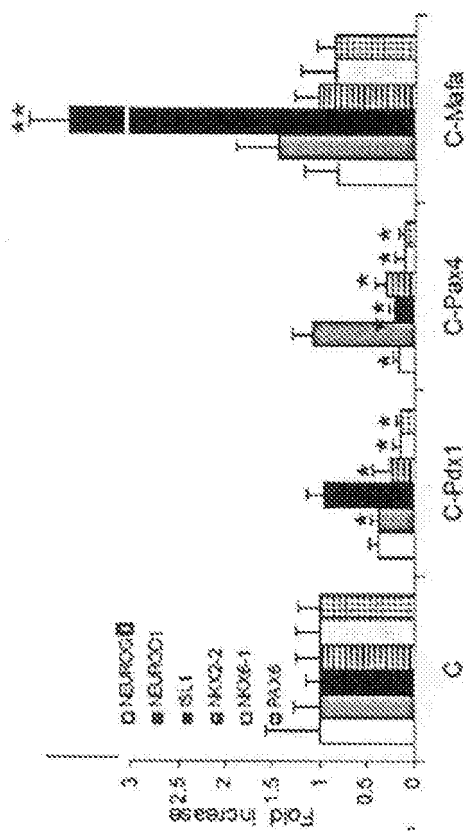


Figure 6B

Figure 6D



7/48

Figure 7A

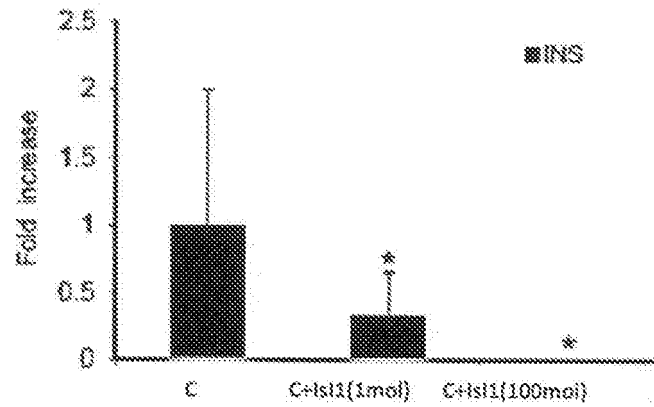


Figure 7B

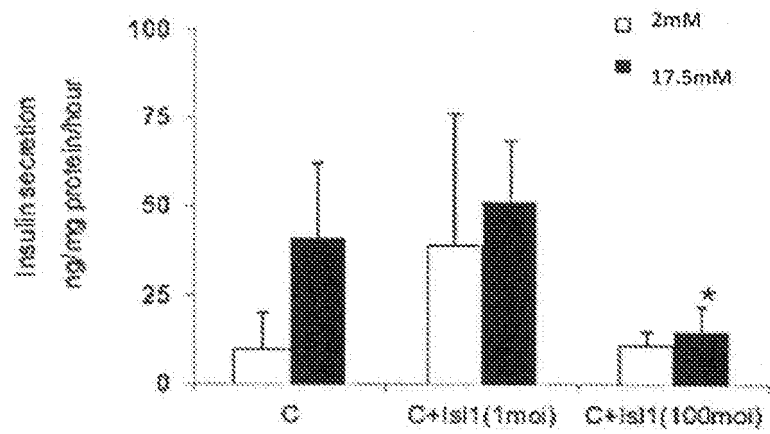
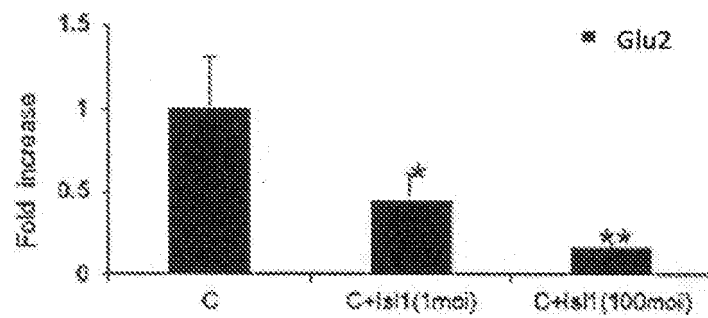
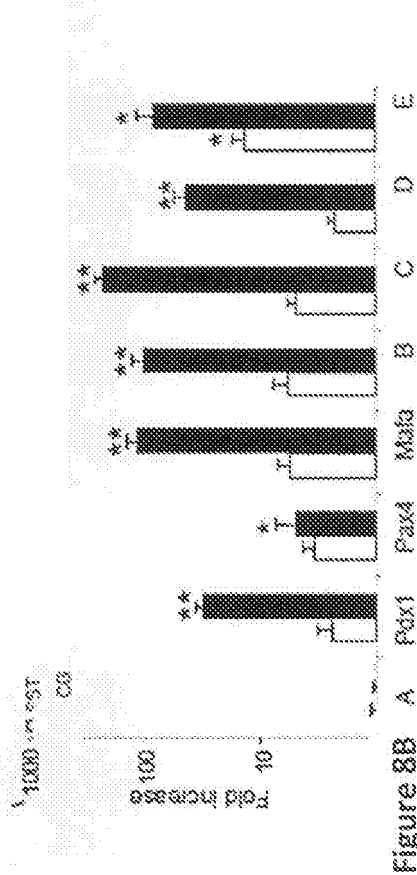


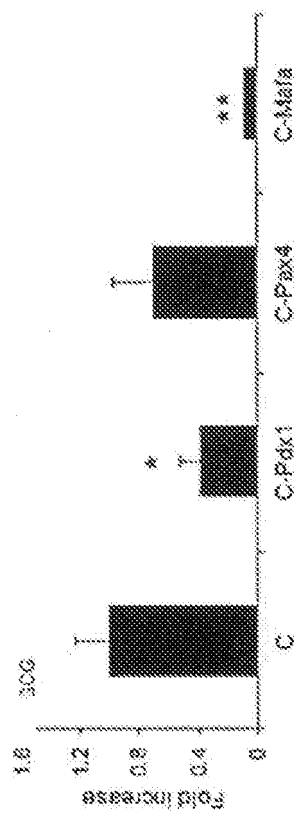
Figure 7C



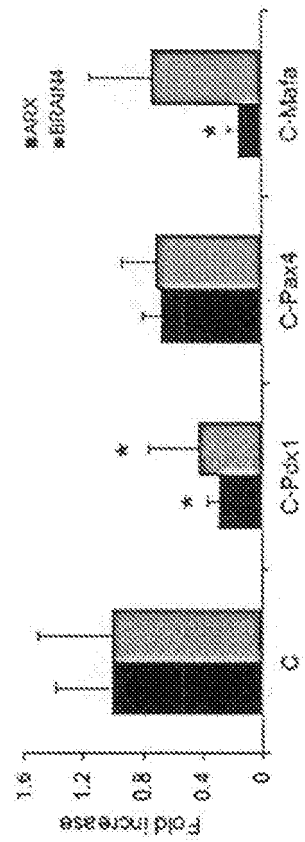
4203



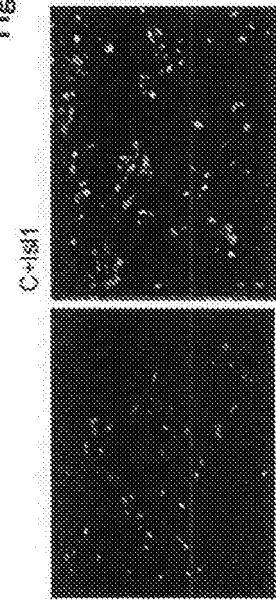
2023



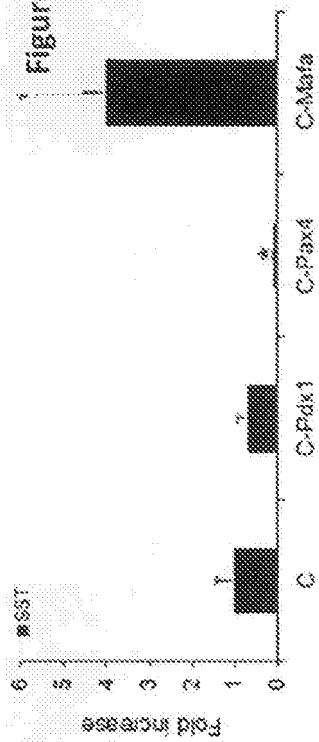
081257



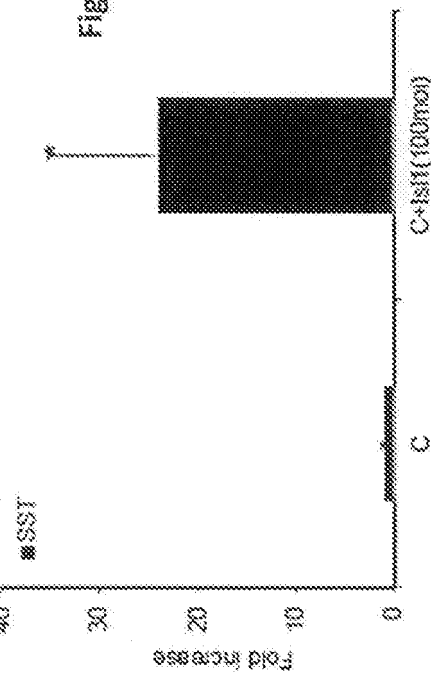
2011



08 01 2013



382121



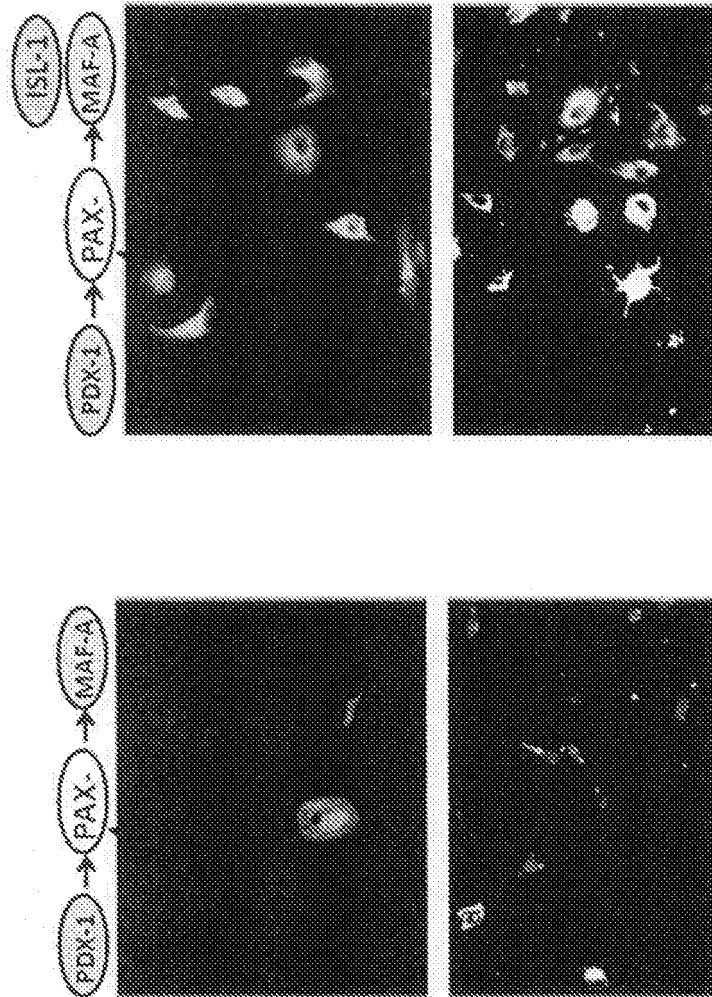


Figure 8G

10/48

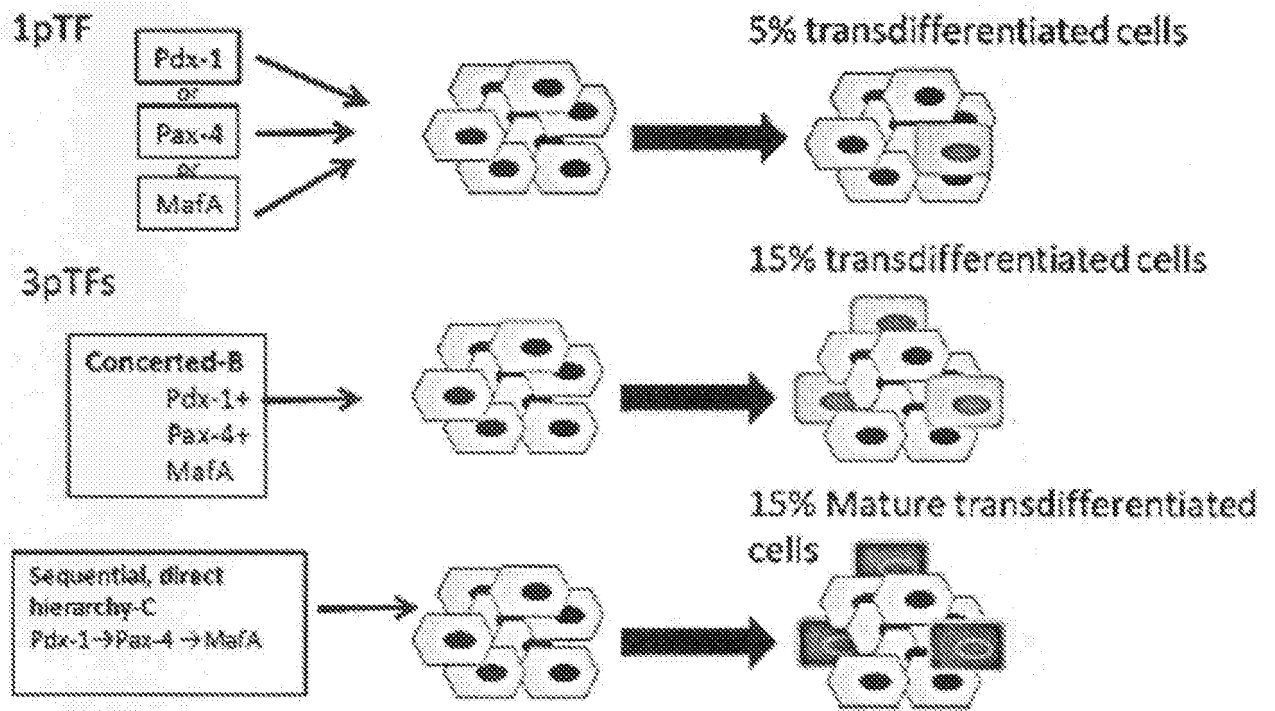
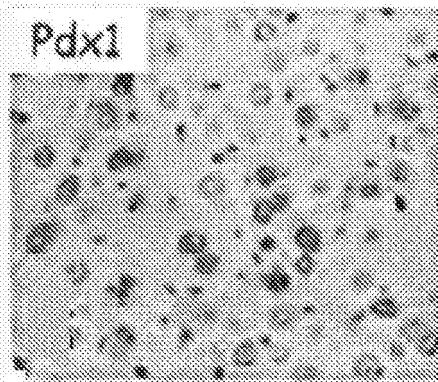


Figure 9

Figure 10A



Insulin

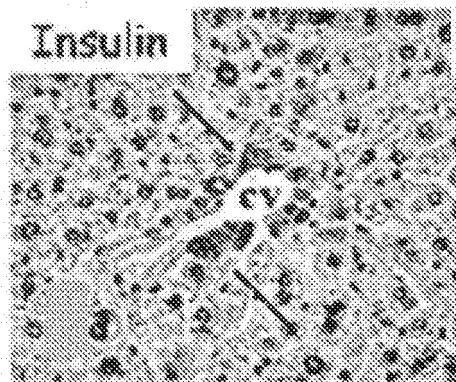
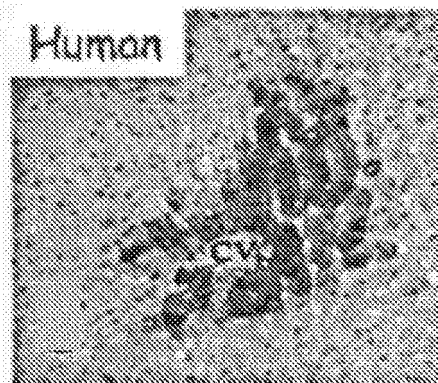


Figure 10B

Figure 10C



Mouse

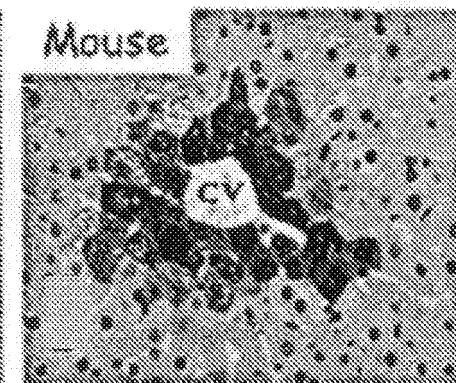


Figure 10D

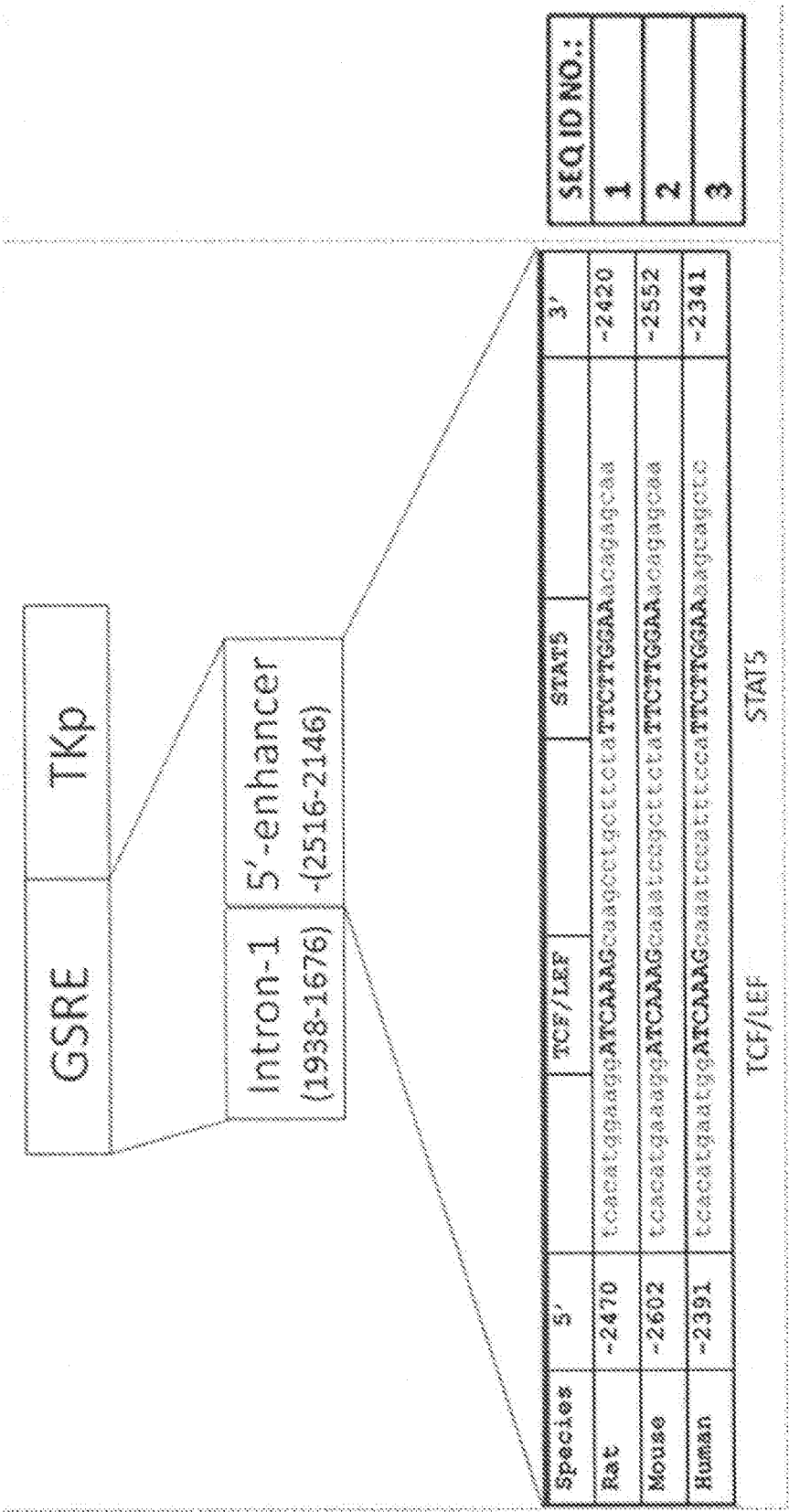


Figure 11

12/48

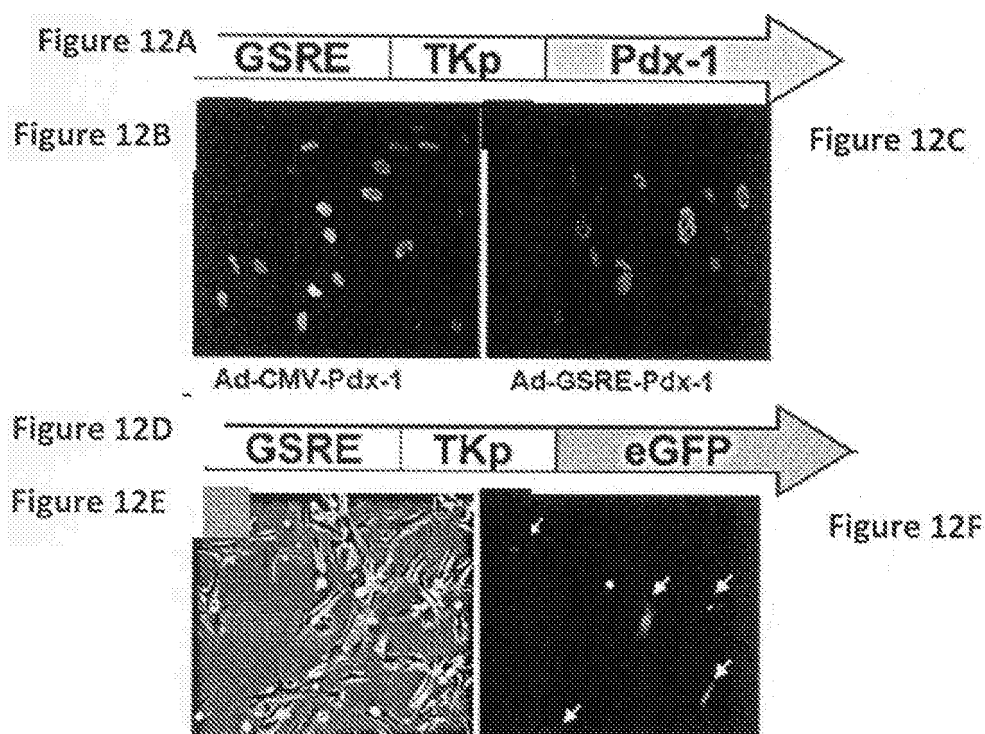
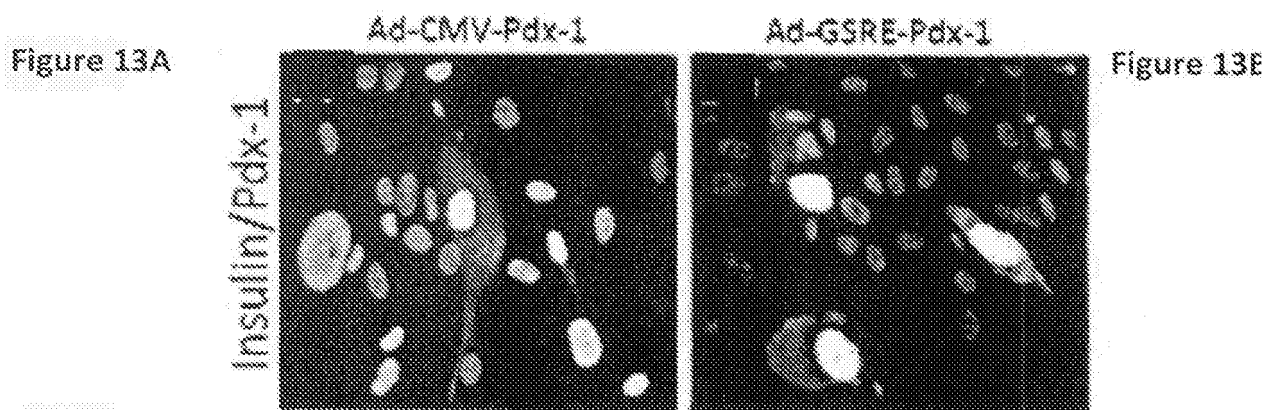


Figure 13C

	INS+	Pdx-1+	INS+/Pdx-1+
Ad-CMV-Pdx-1	0.6%	60%	1%
Ad-GSRE-Pdx-1	4%	16%	25%

Figure 14A

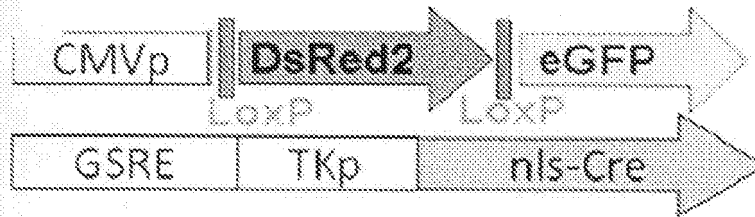


Figure 14B

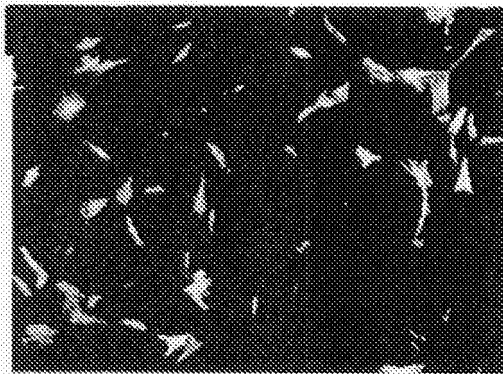


Figure 14C

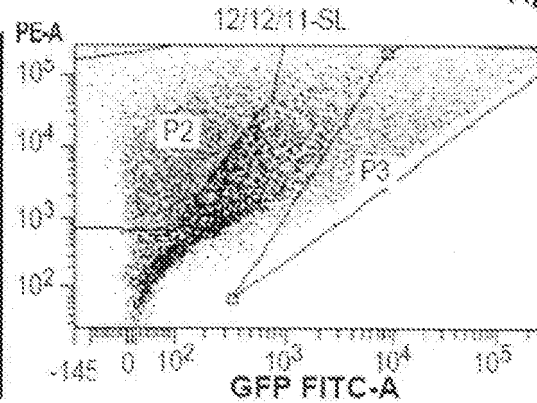


Figure 14D



Figure 14E

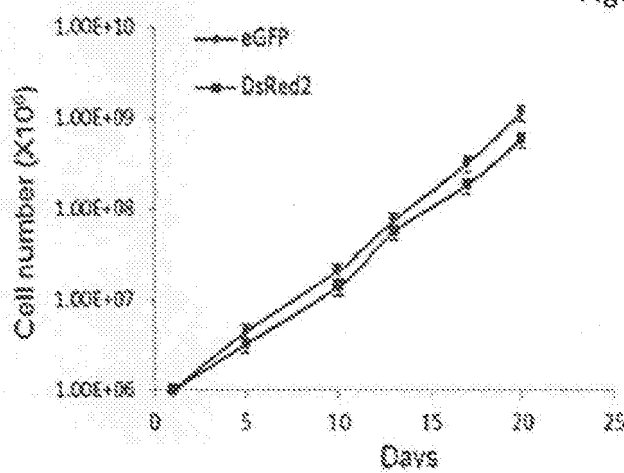


Figure 15A

Figure 15B

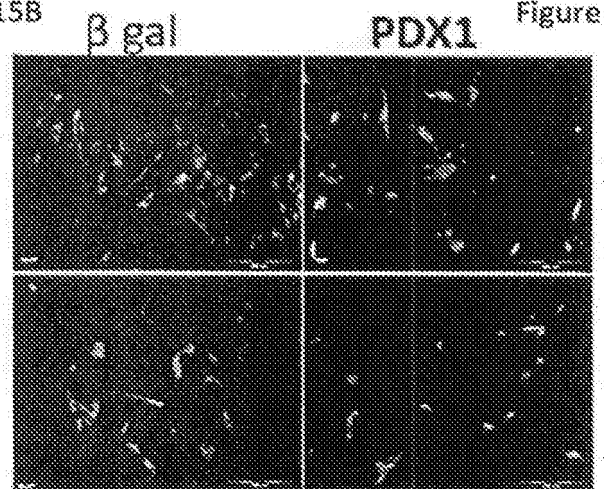


Figure 15D

Figure 15E

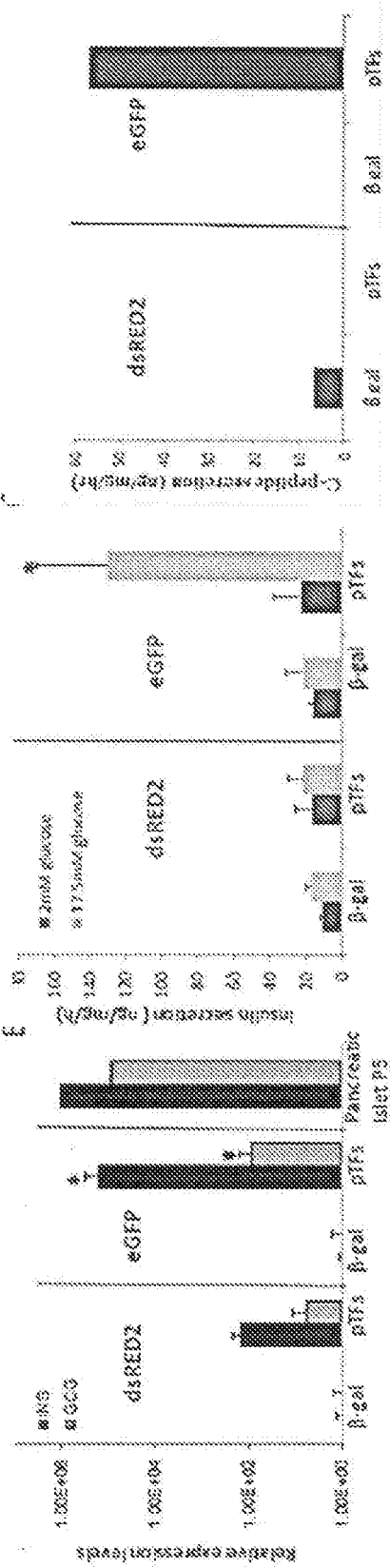


Figure 16A

Figure 16B

Figure 16C

15/48

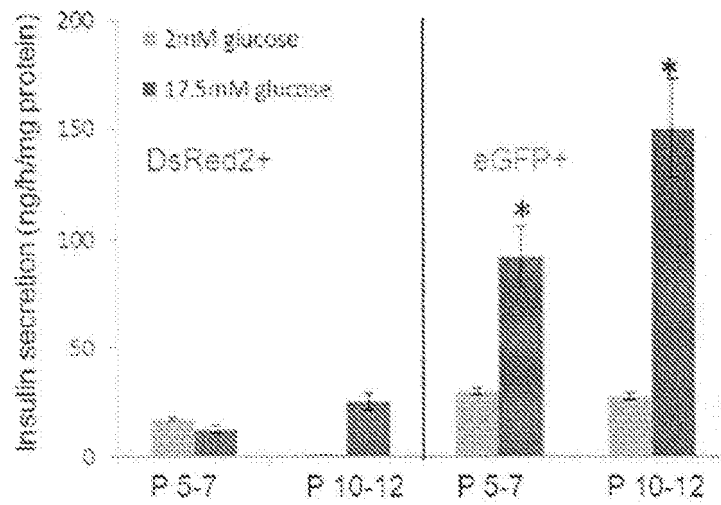


Figure 17

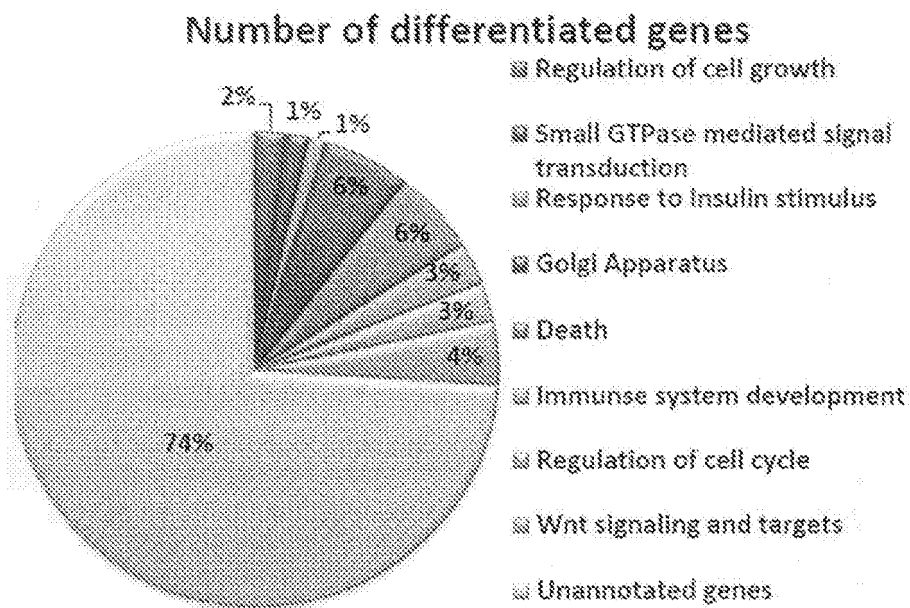


Figure 18

16/48

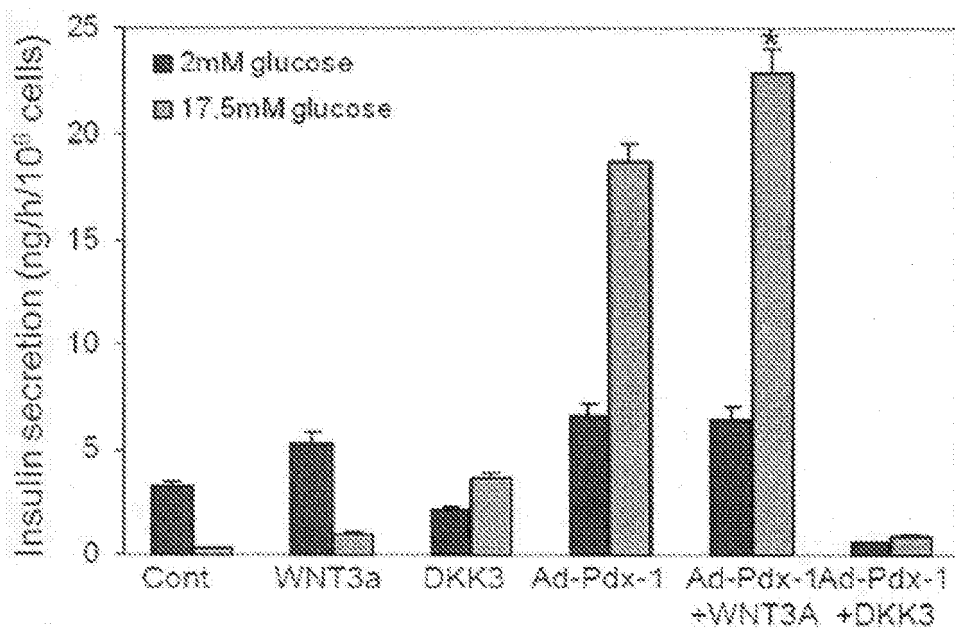


Figure 19

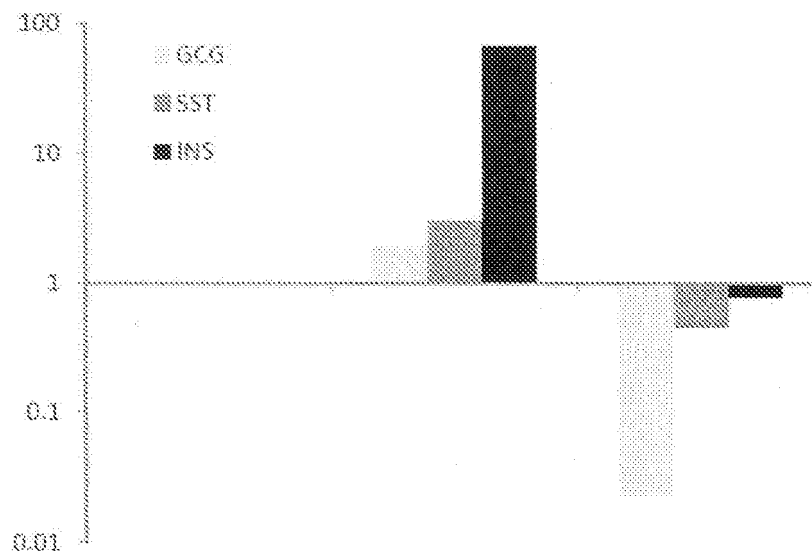


Figure 20

17/48

Figure 21B

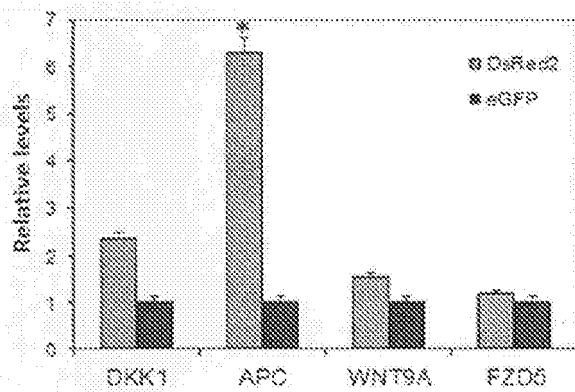


Figure 21A

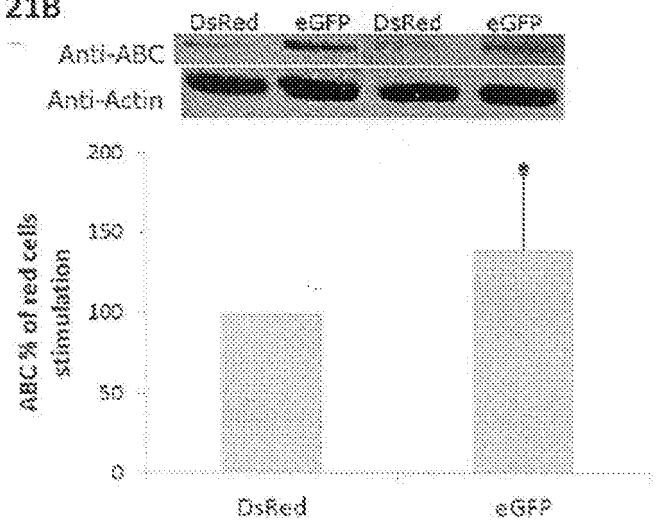


Figure 21C

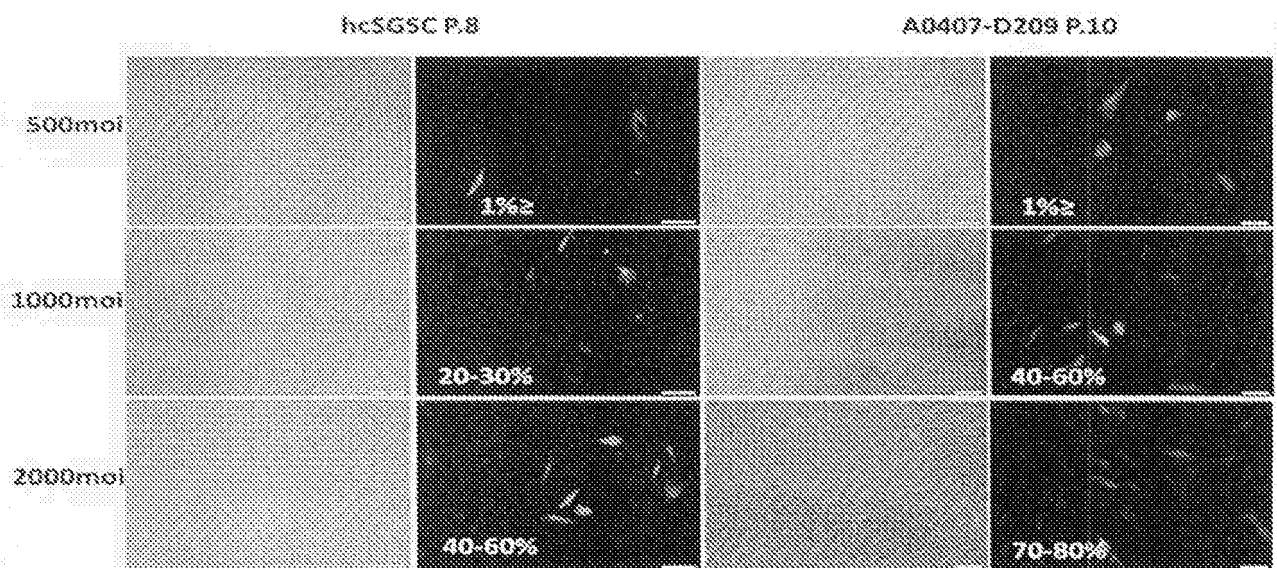


Figure 22



Figure 23

19/48

PAX4 Vs NeuroD1 Combination: Naïve+ GS

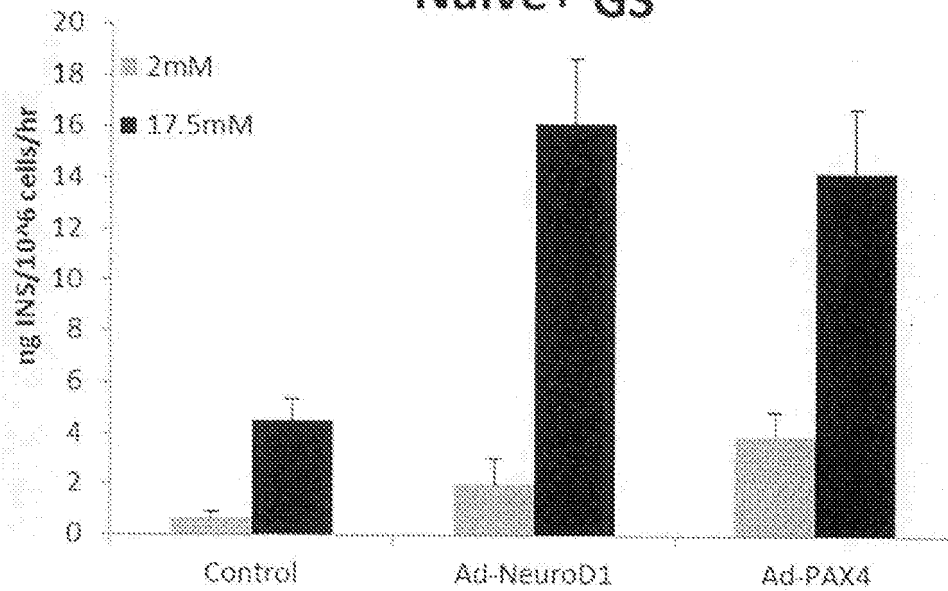


Figure 24A

PAX4 Vs NeuroD1 Combination: Naïve+GS

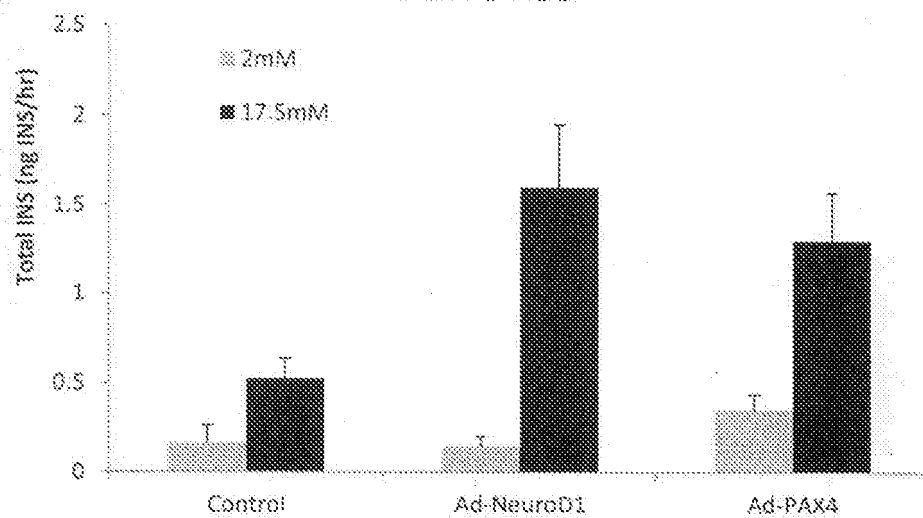


Figure 24B

20/48

PAX4 Vs NeuroD1- GS cells

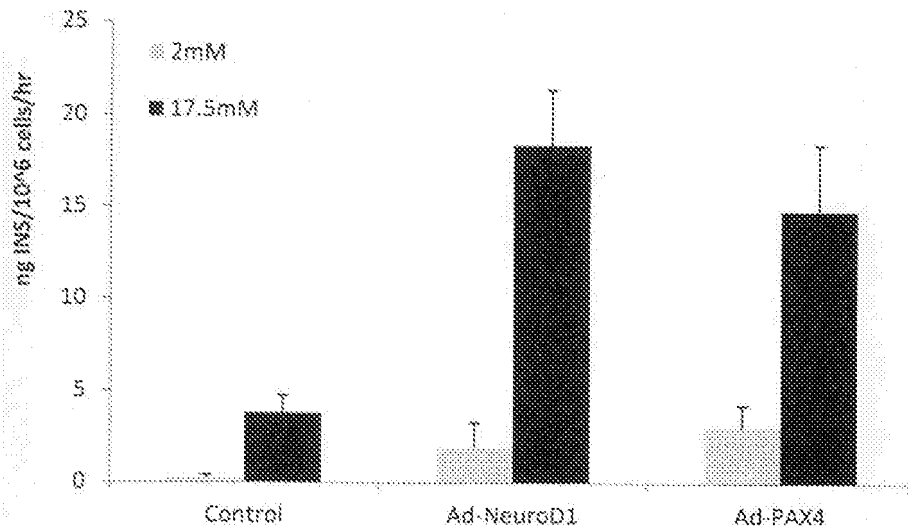


Figure 25A

PAX4 Vs NeuroD1- GS cells

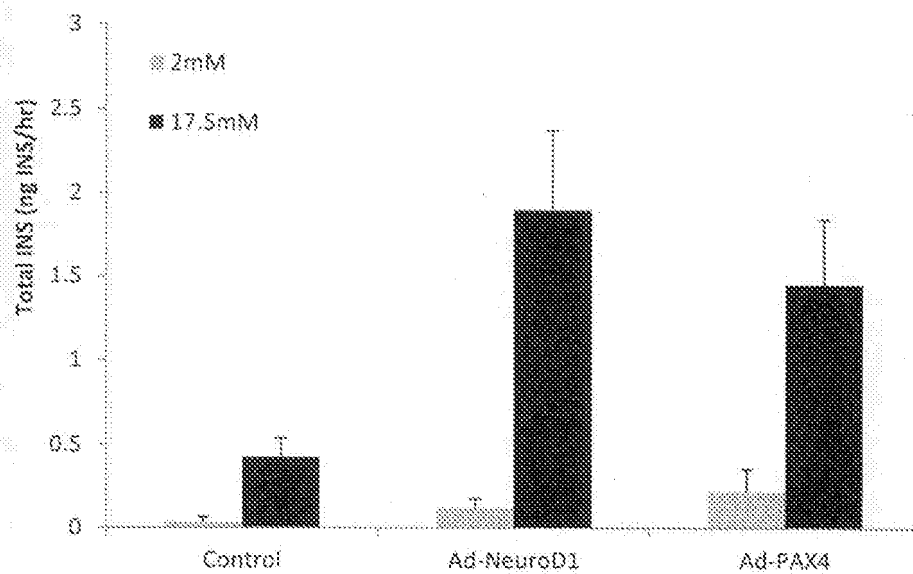


Figure 25B

21/48

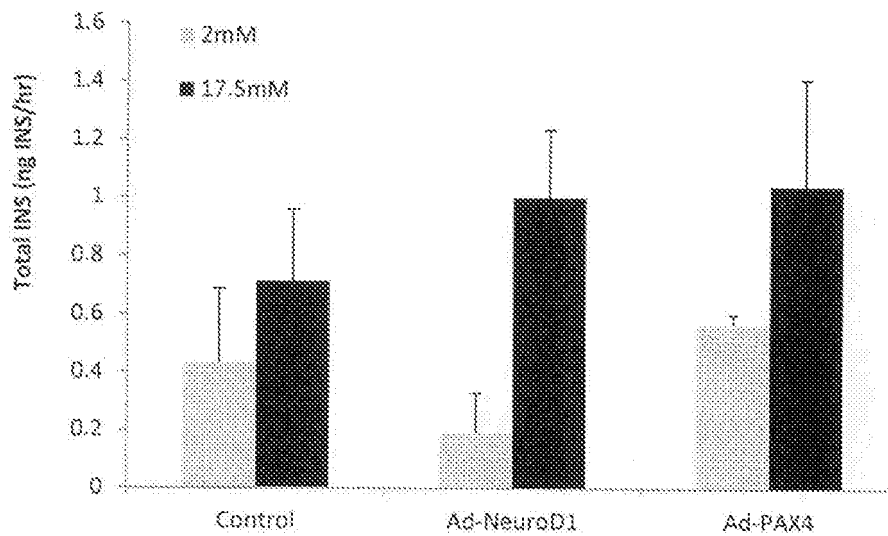
PAX4 Vs NeuroD1- Naïve cells

Figure 25C

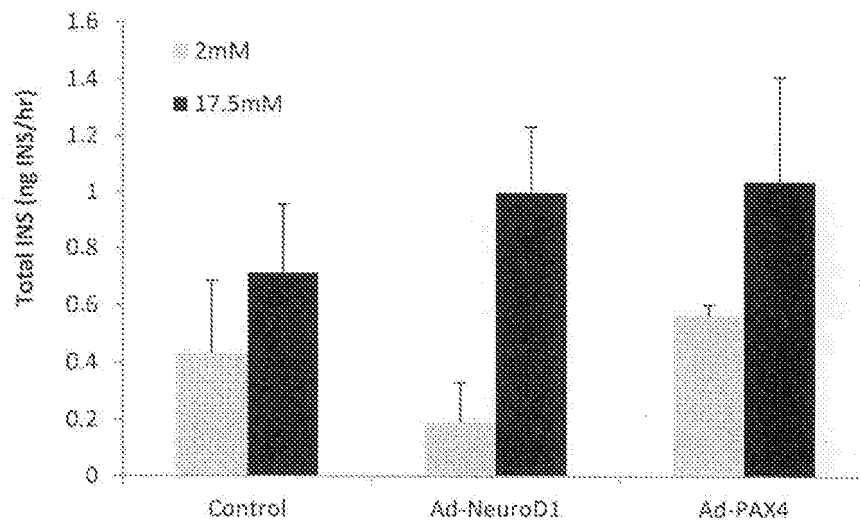
PAX4 Vs NeuroD1- Naïve cells

Figure 25D

22/48

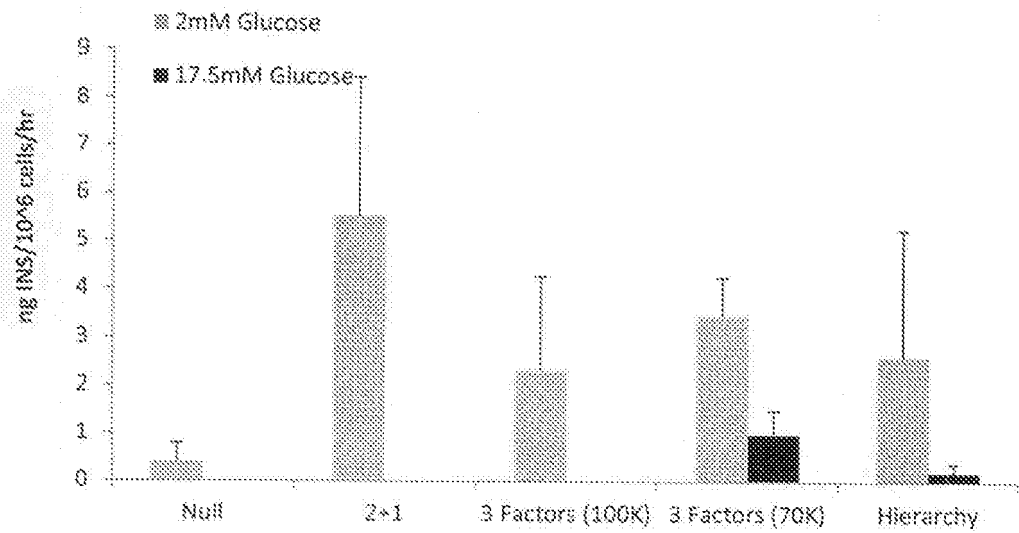


Figure 26A

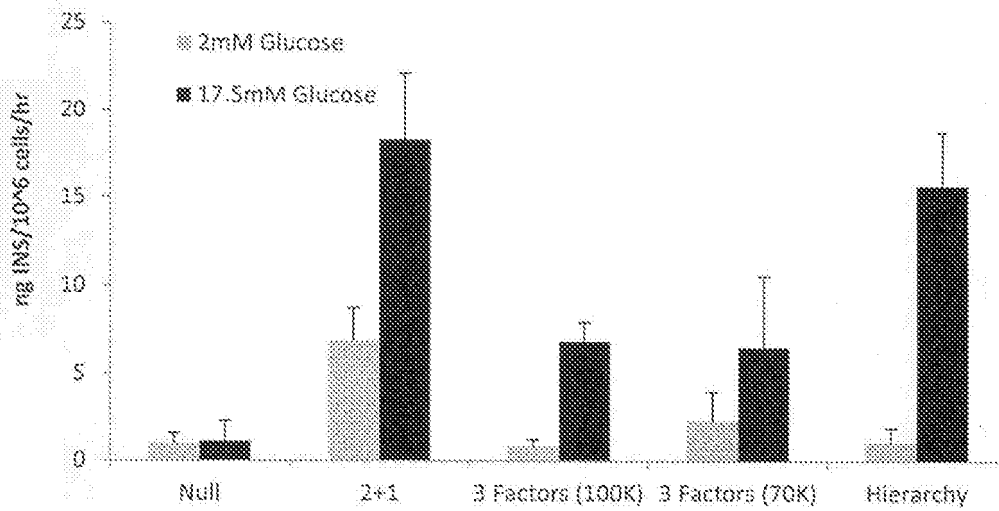


Figure 26B

23/48

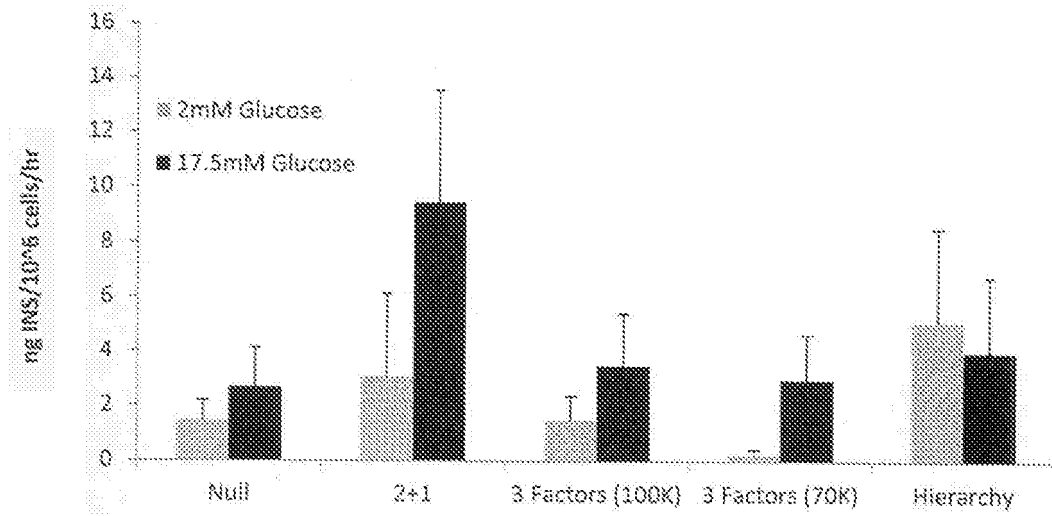


Figure 26C

Human Liver-derived Cells Amplification & Transdifferentiation From Preclinical Process to Clinical Process

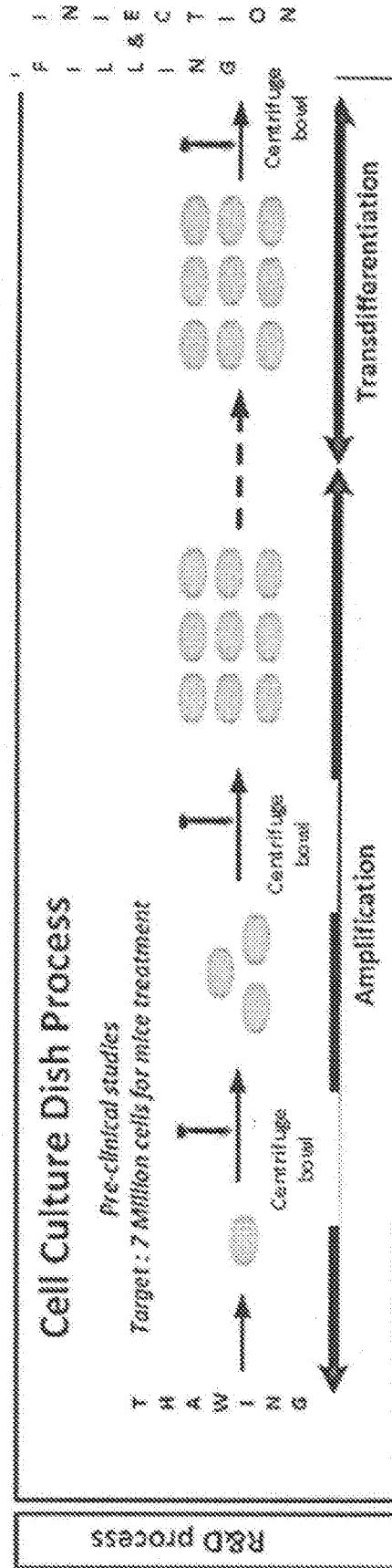


Figure 27

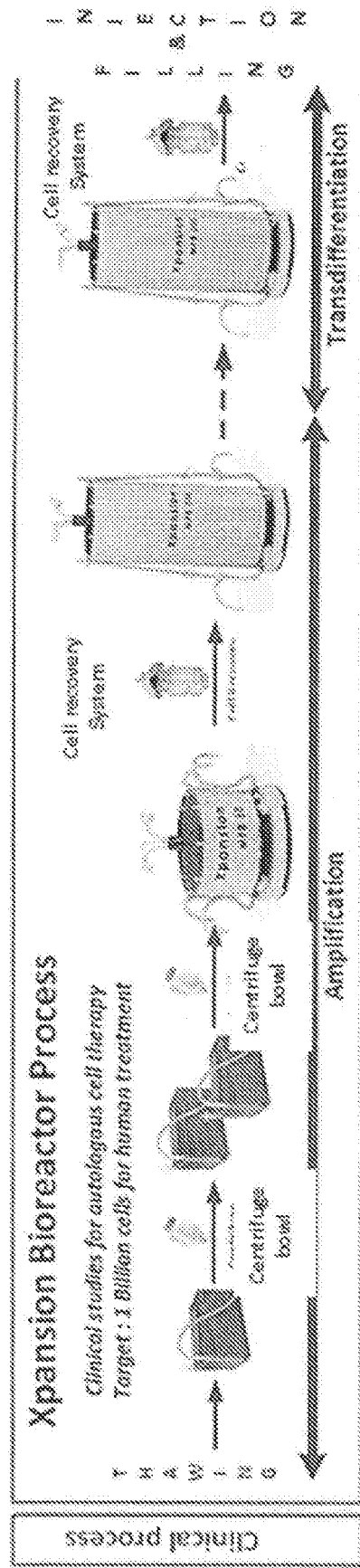


Figure 27 Cont.

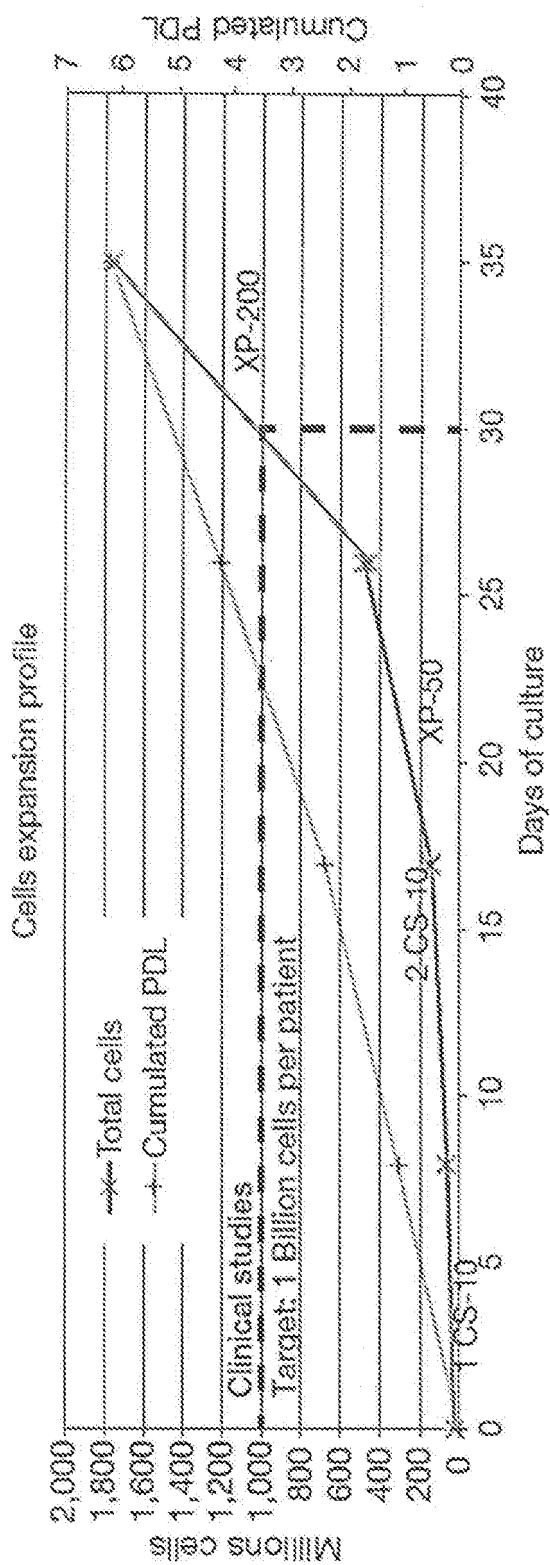


Figure 28

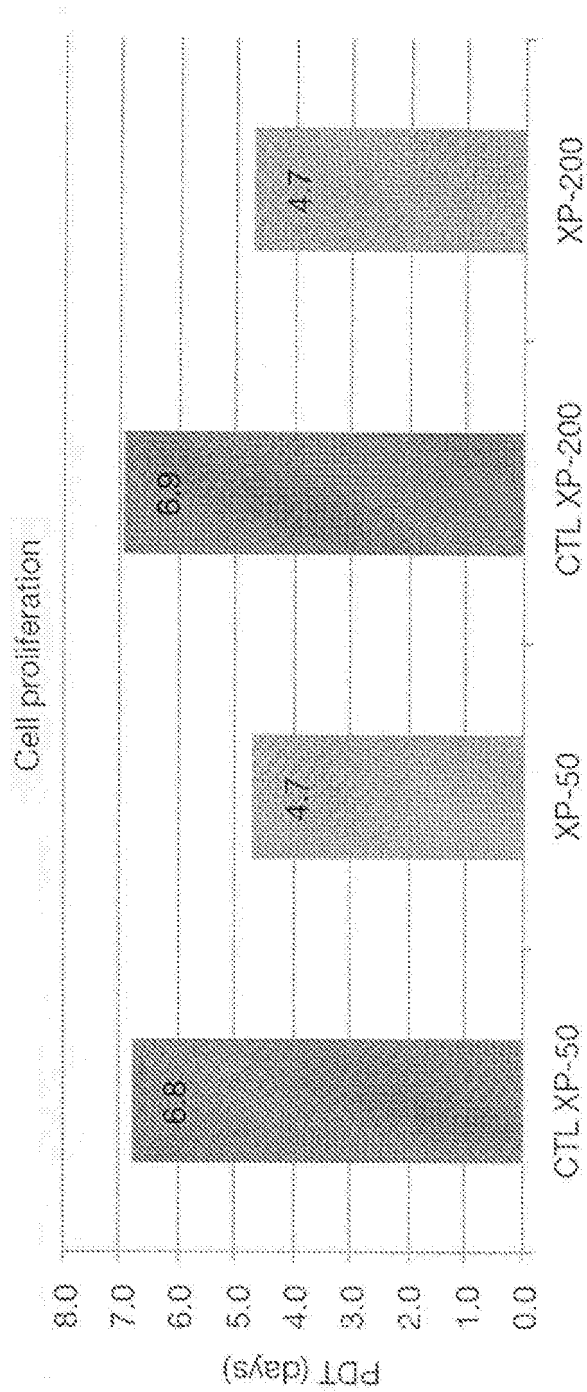


Figure 29

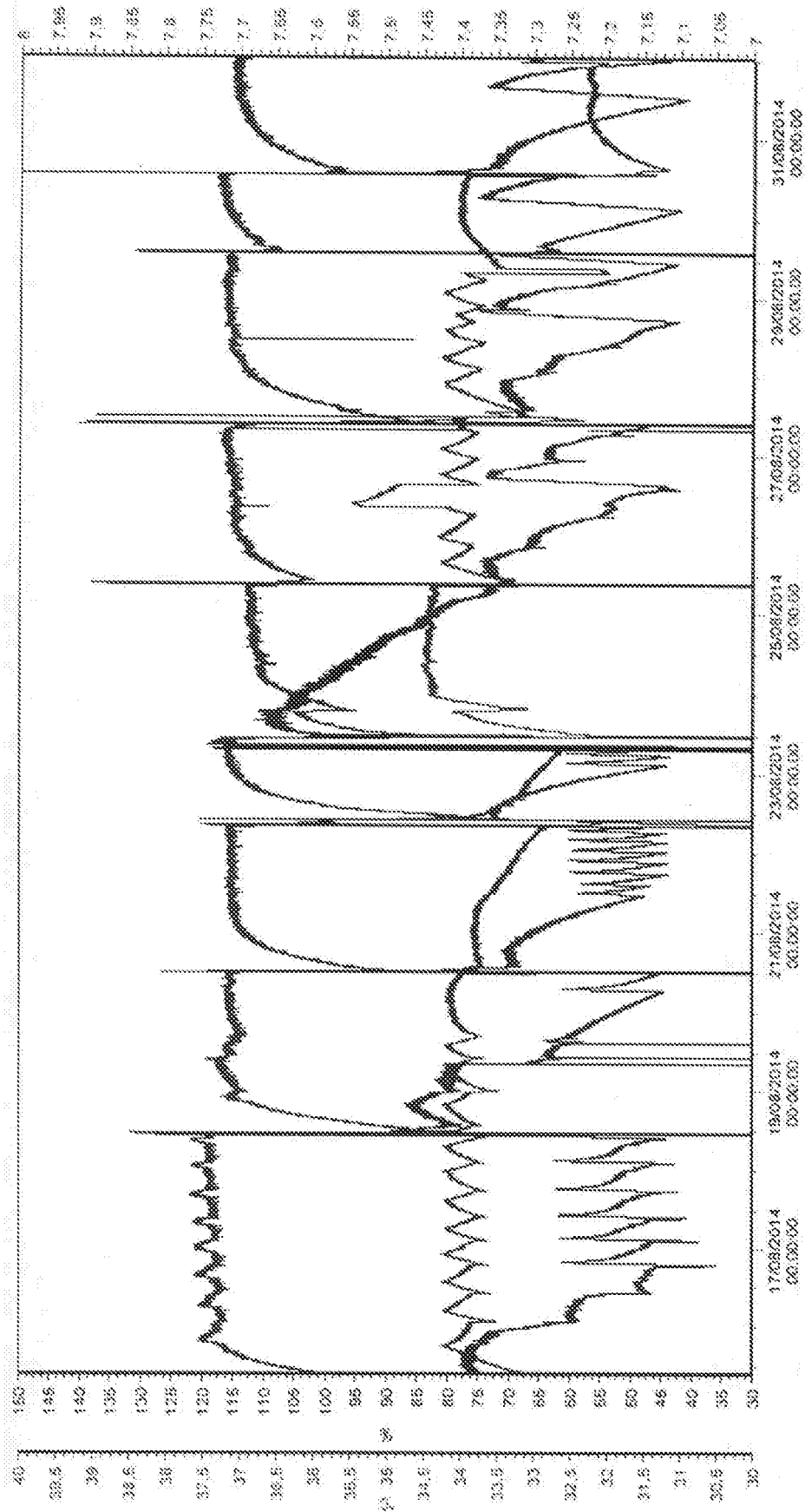
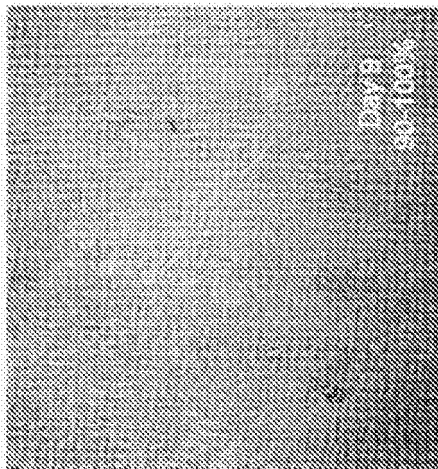


Figure 30

Figure 31A

Xpansion 50 run



Xpansion
Bioreactor

Xpansion 200 run

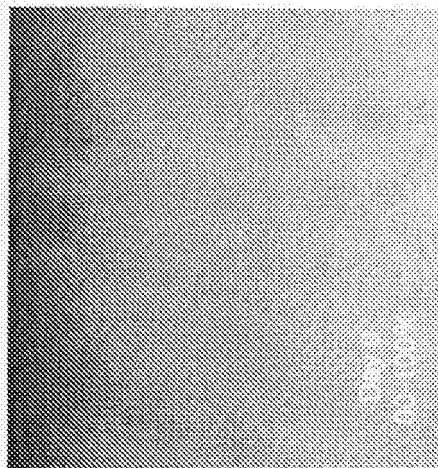


Figure 31B

Figure 31C

Multi-tray
Control

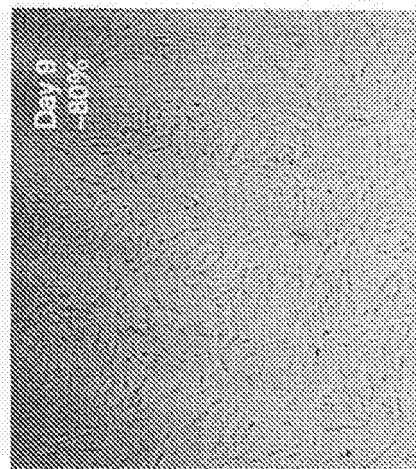
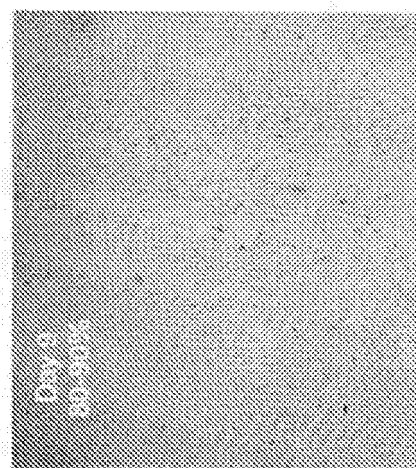


Figure 31D

30/48

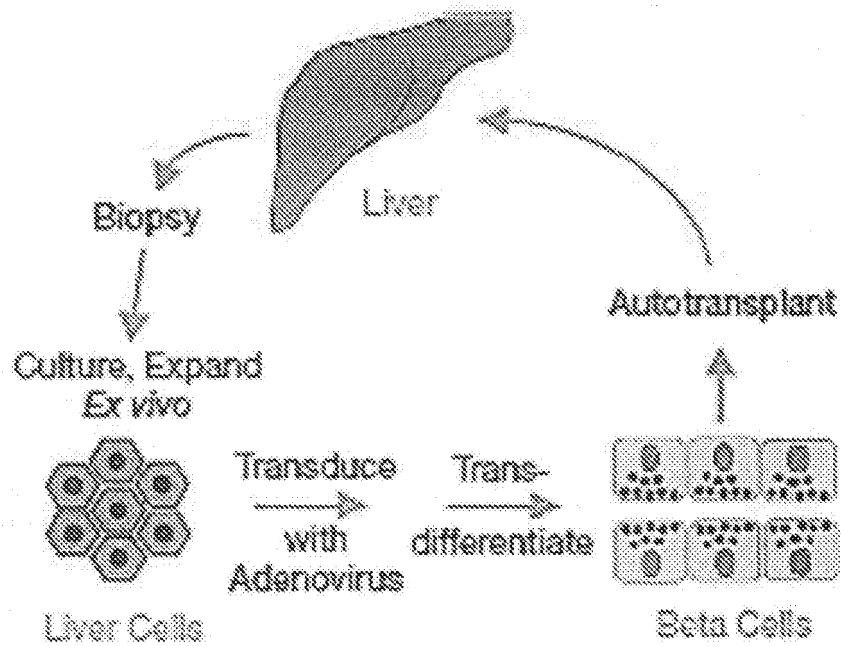


Figure 32

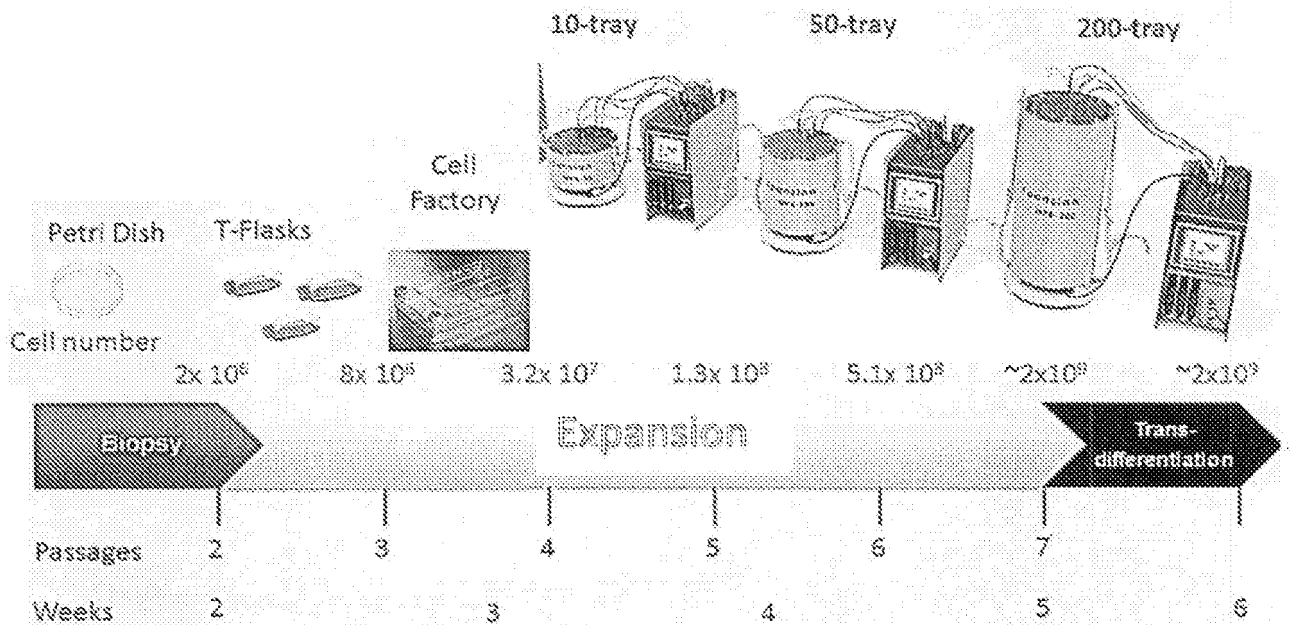


Figure 33

31/48

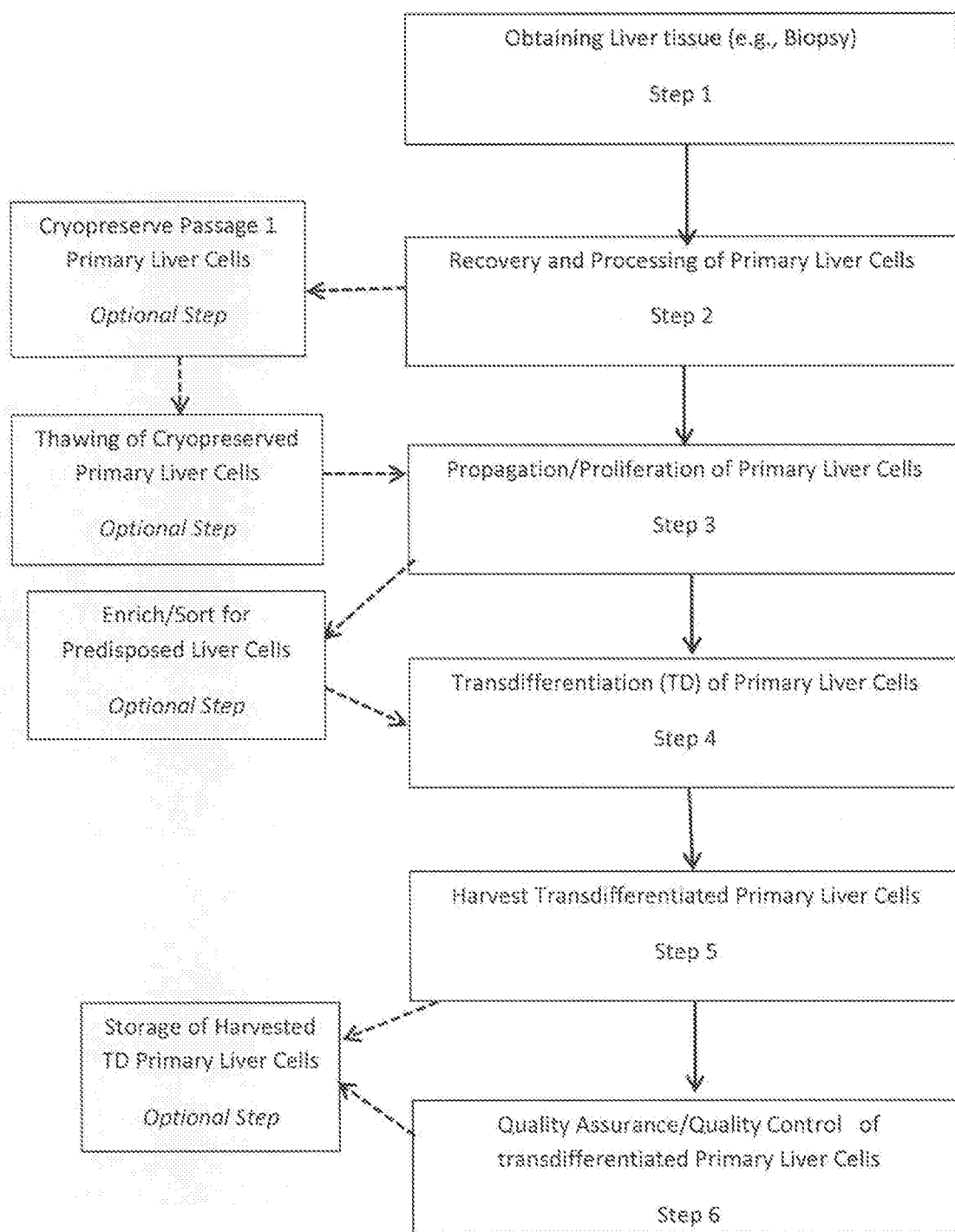


Figure 34

Run	Seeding density (cell/cm ²)	Harvest density (cell/cm ²)	Culture duration (days)
ORG-009	4,000	17,500	8
ORG-014	4,000	22,780	7
ORG-017	3,972	19,412	9

Figure 35

33/48

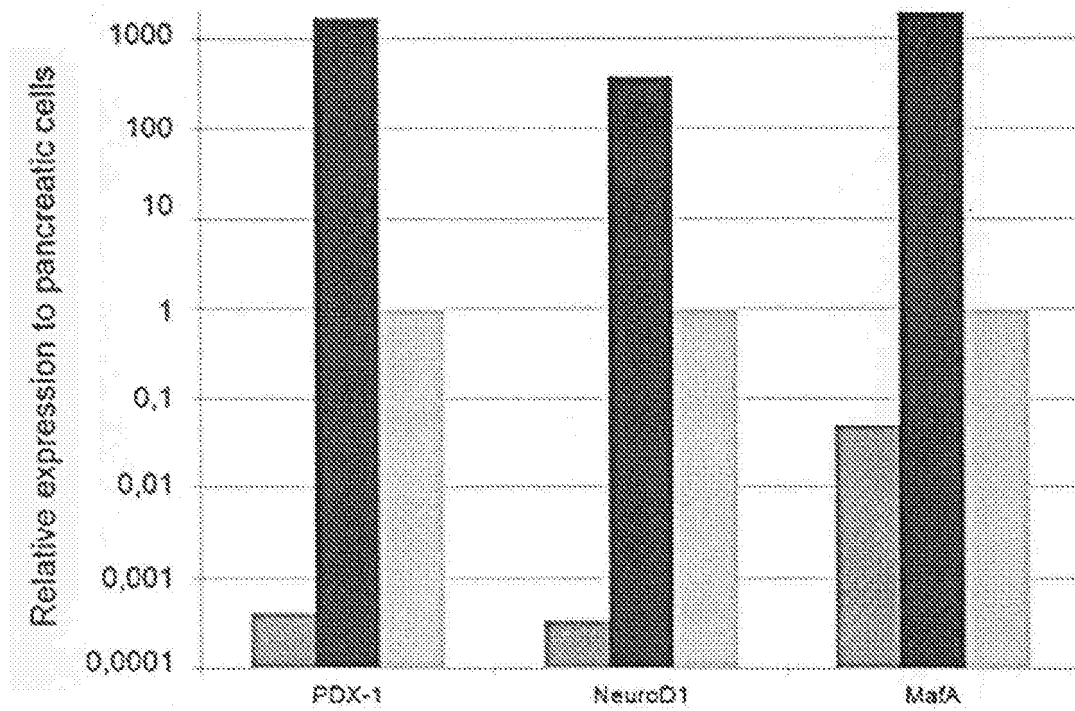


Figure 36A

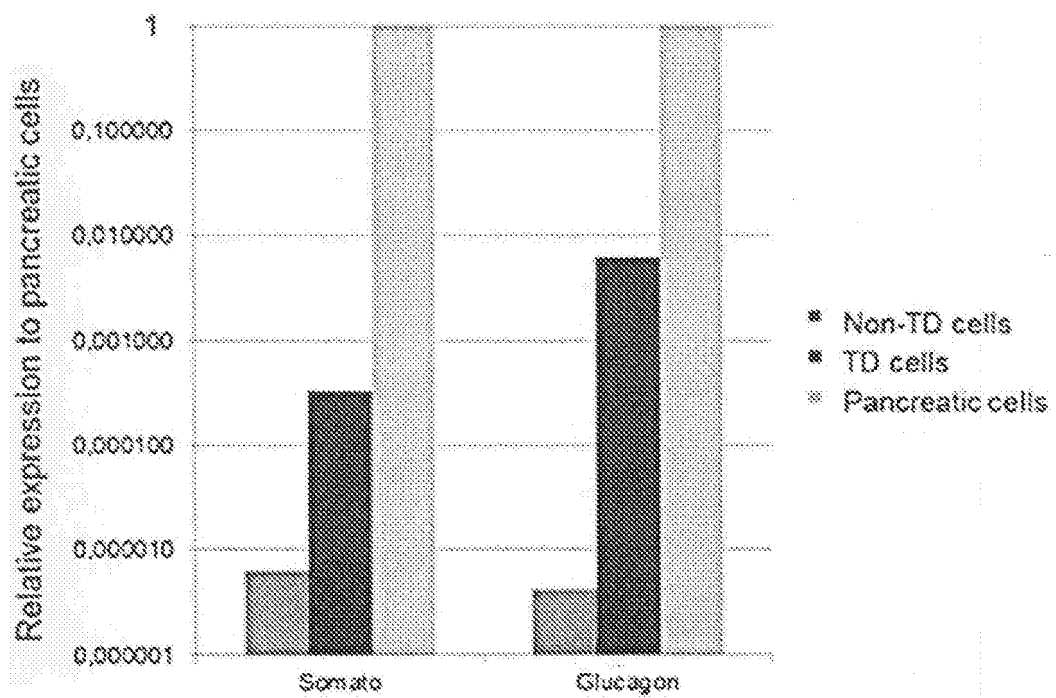


Figure 36B

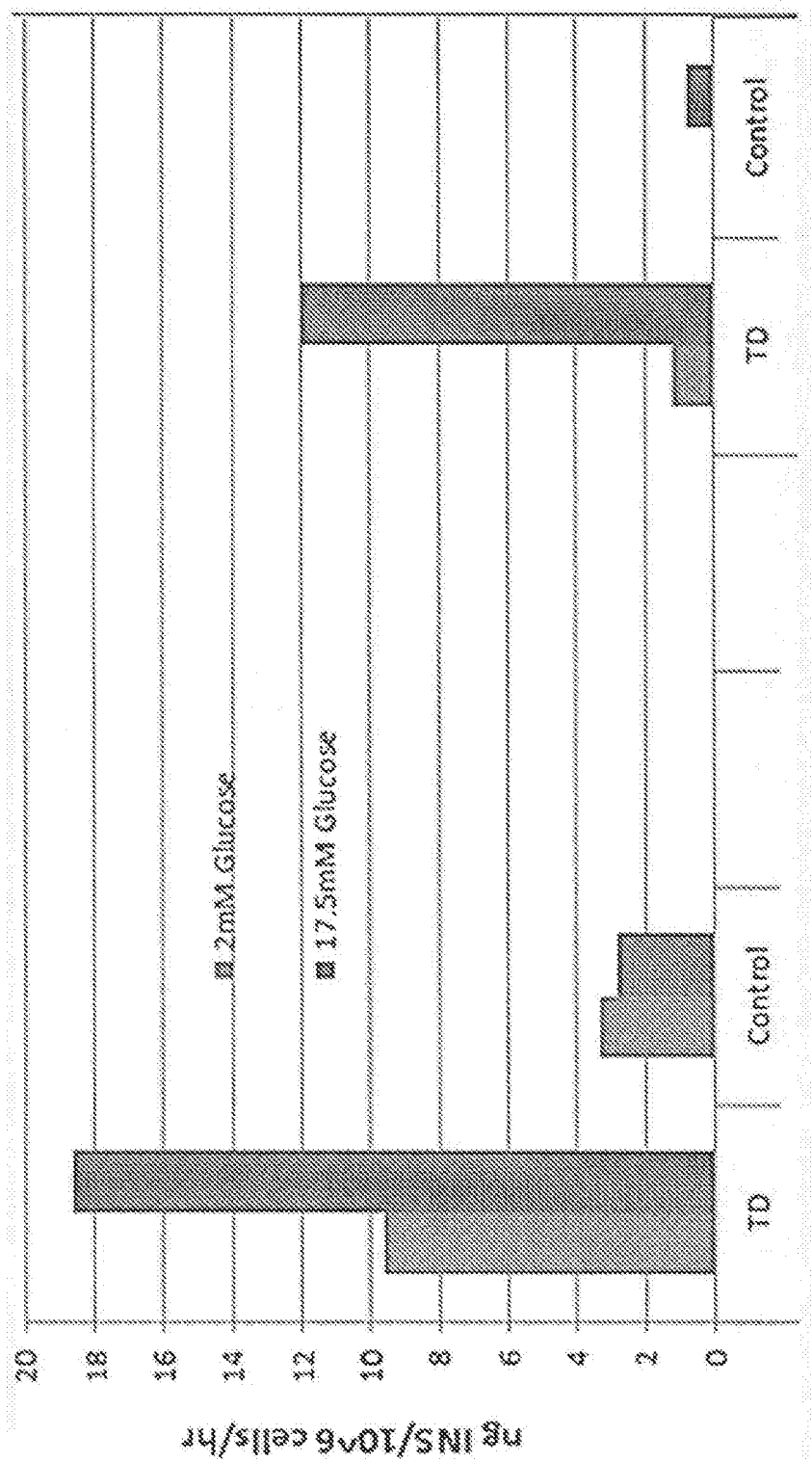


Figure 37

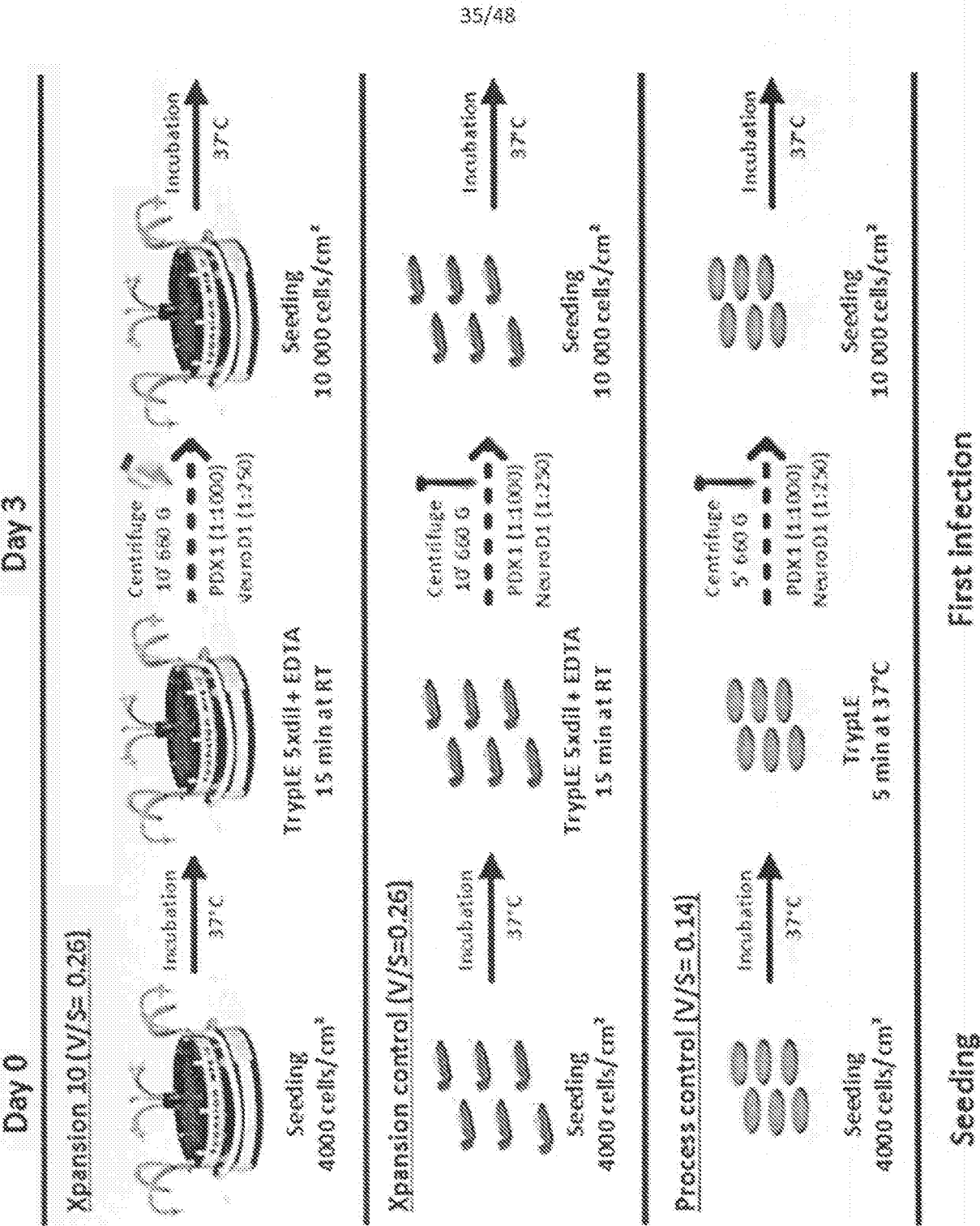


Figure 38

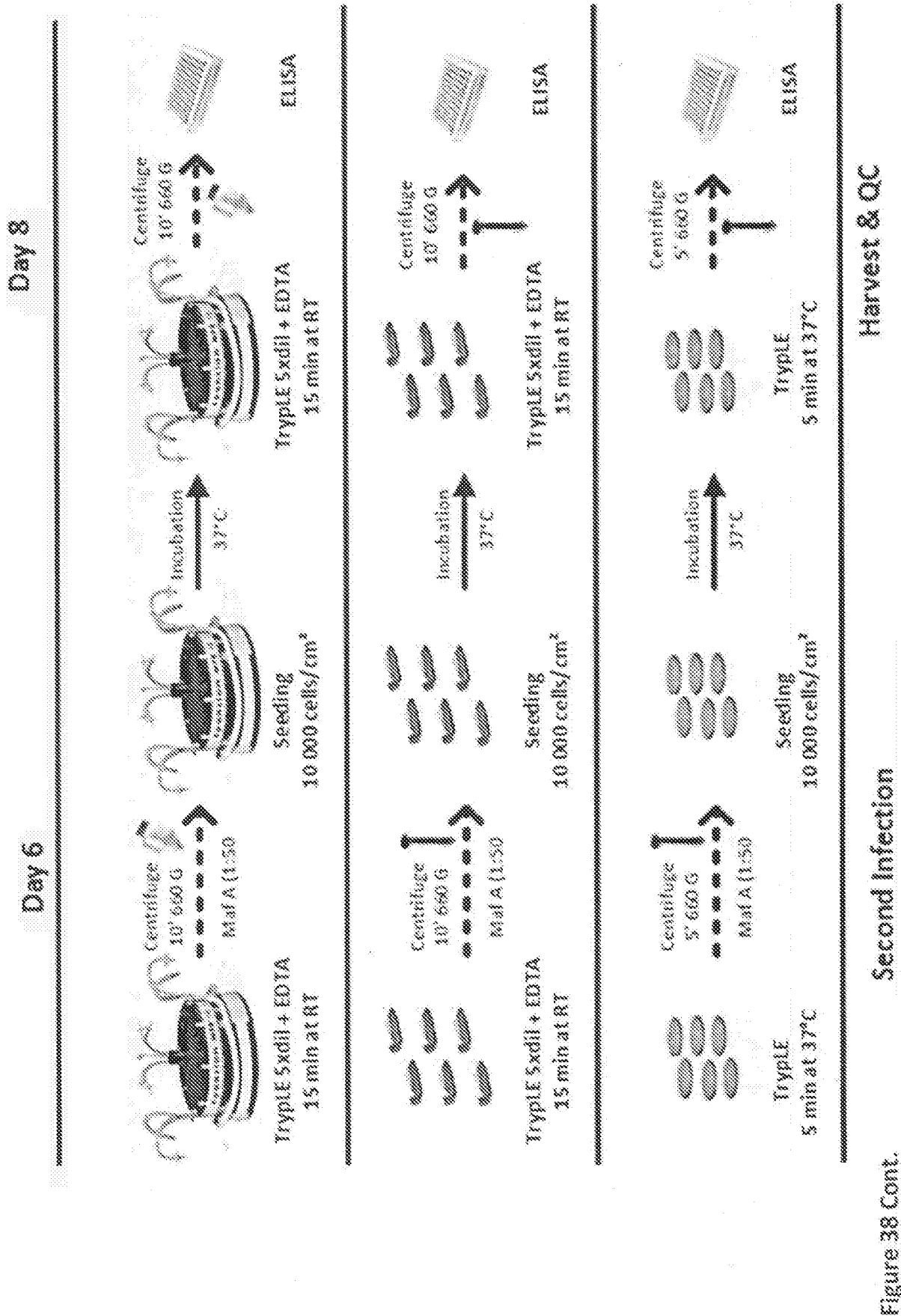


Figure 38 Cont.

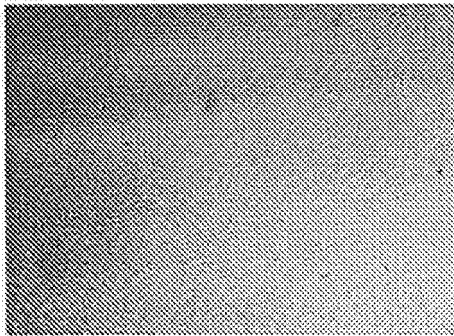
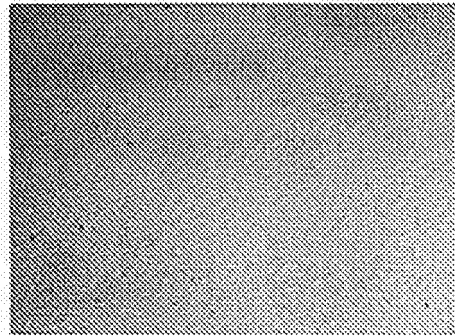
Figure 39A

Process CTL

Xpansion CTL

Figure 39B

Untreated Control



Treated Cells

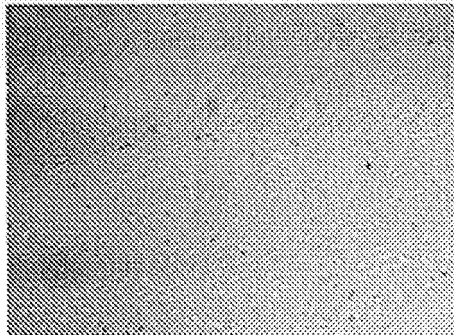
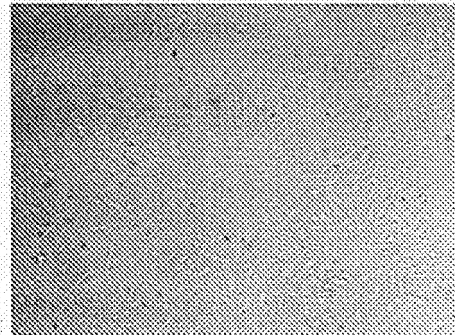


Figure 39C

Figure 39D

Plate 3

Plate 5

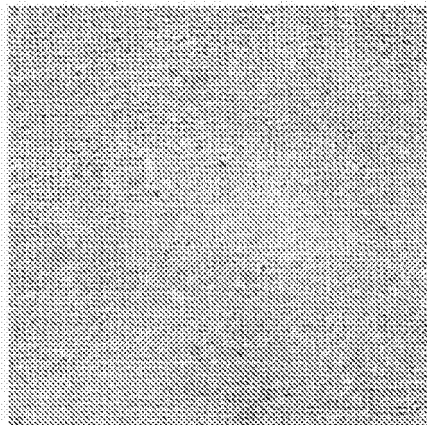
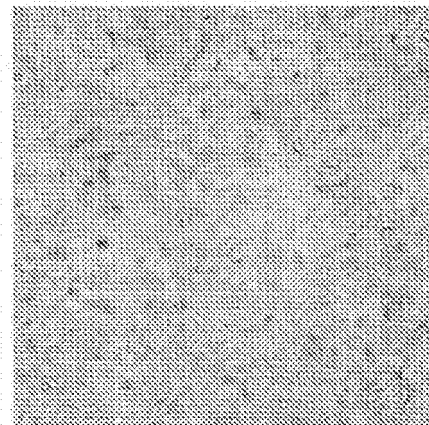


Figure 40A

Figure 40B

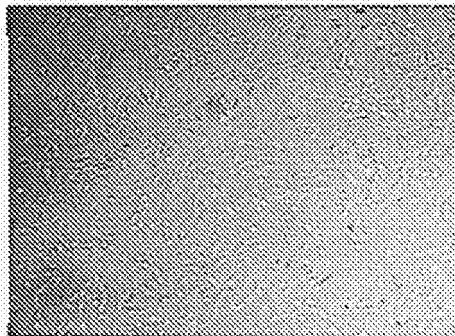
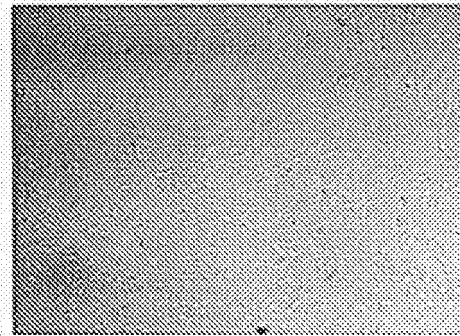
Figure 41A

Process CTL

Xpansion CTL

Figure 41B

Untreated Control



Treated Cells

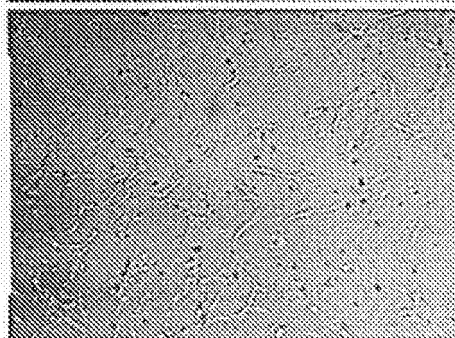
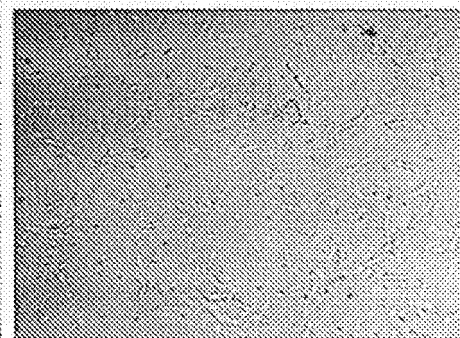


Figure 41C

Figure 41D

Xpansion 10

Plate 3

Plate 5

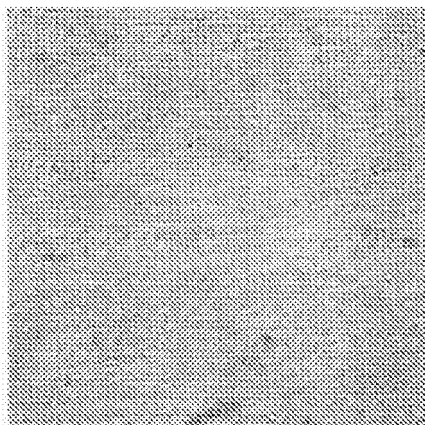
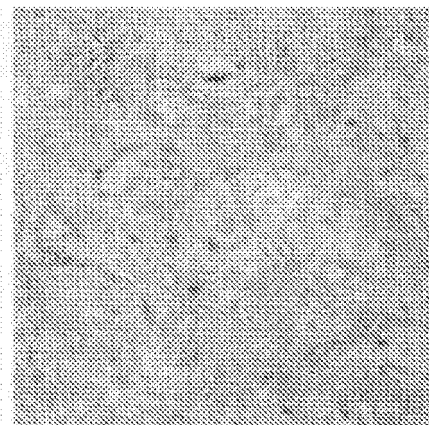


Figure 42A

Figure 42B

39/48

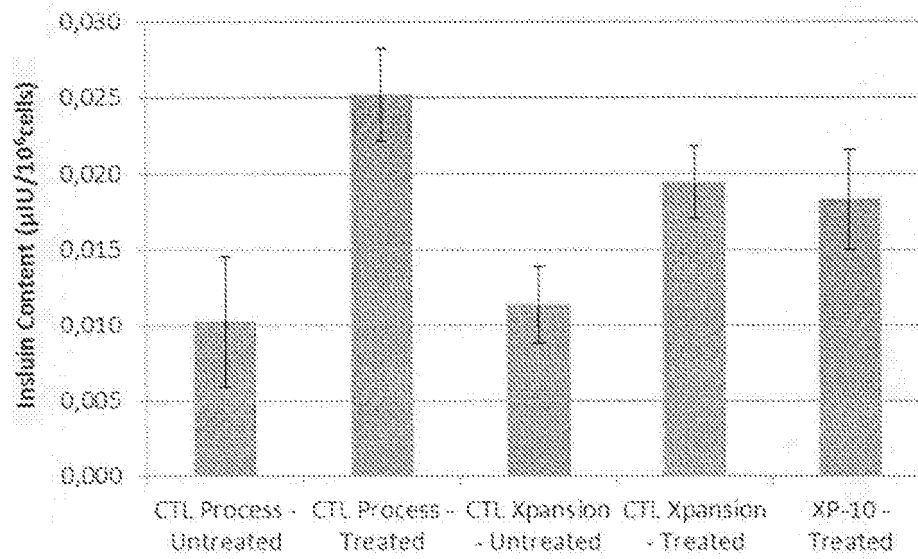


Figure 43

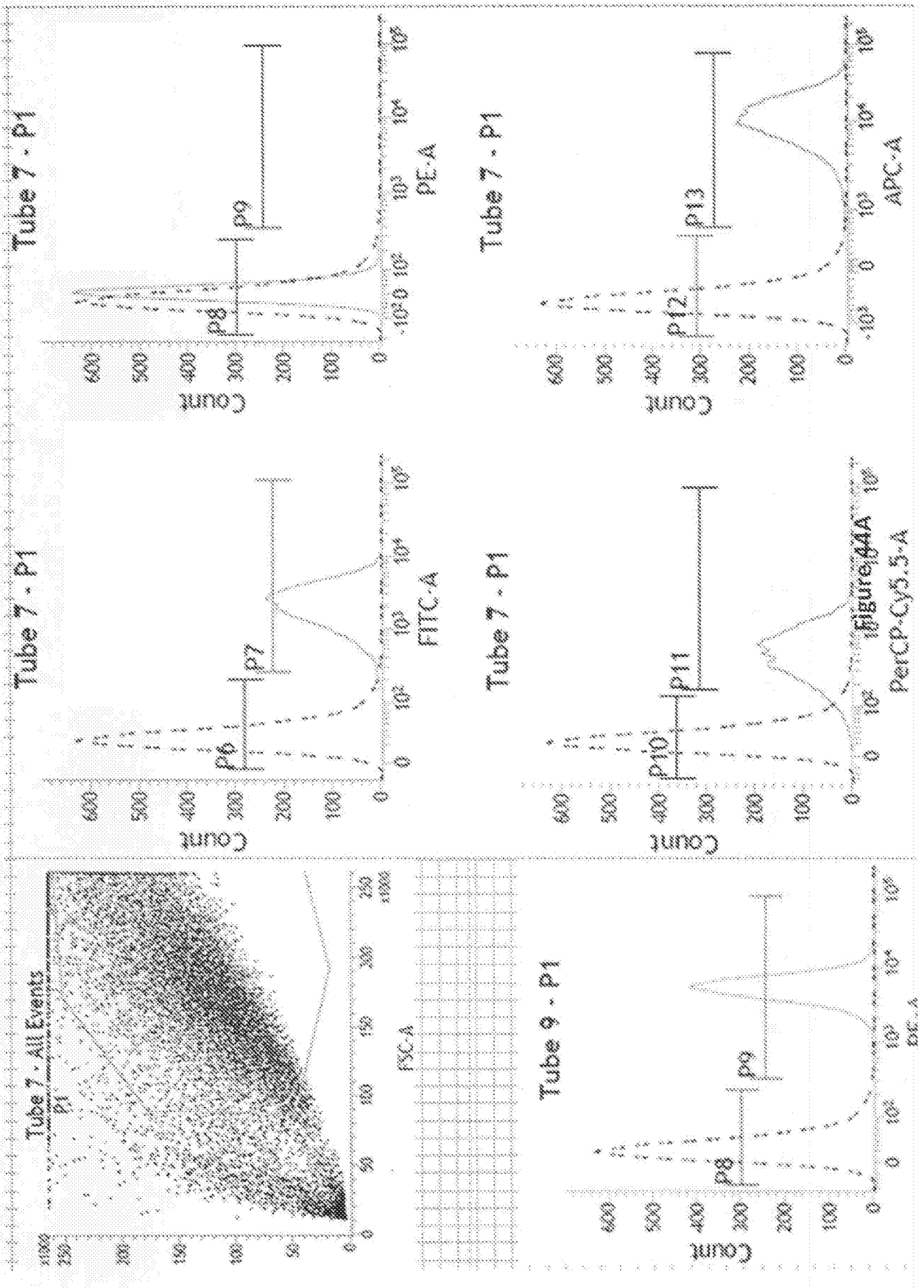


Figure 44A

ORG. GL	% CD105	% CD73	% CD90	% CD44	% Negative markers
P12	99,32	99,85	99,55	99,77	0,93
P13	98,75	99,71	99,67	99,70	0,73
P14	96,77	98,60	99,50	99,64	0,58
P16_AdV infection	89,77	99,41	99,22	99,91	0,44

Figure 44B

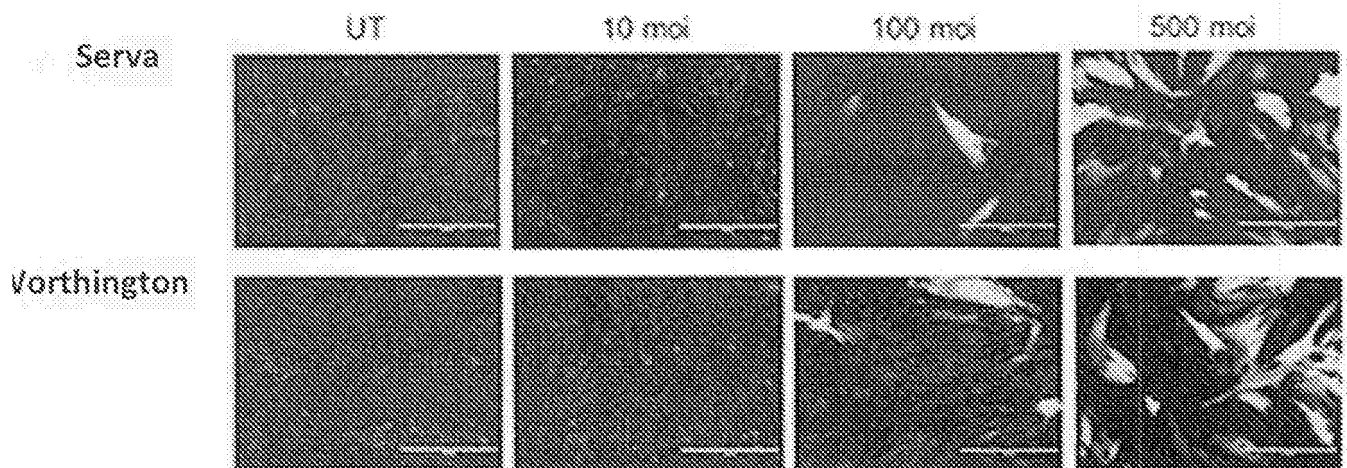


Figure 45A

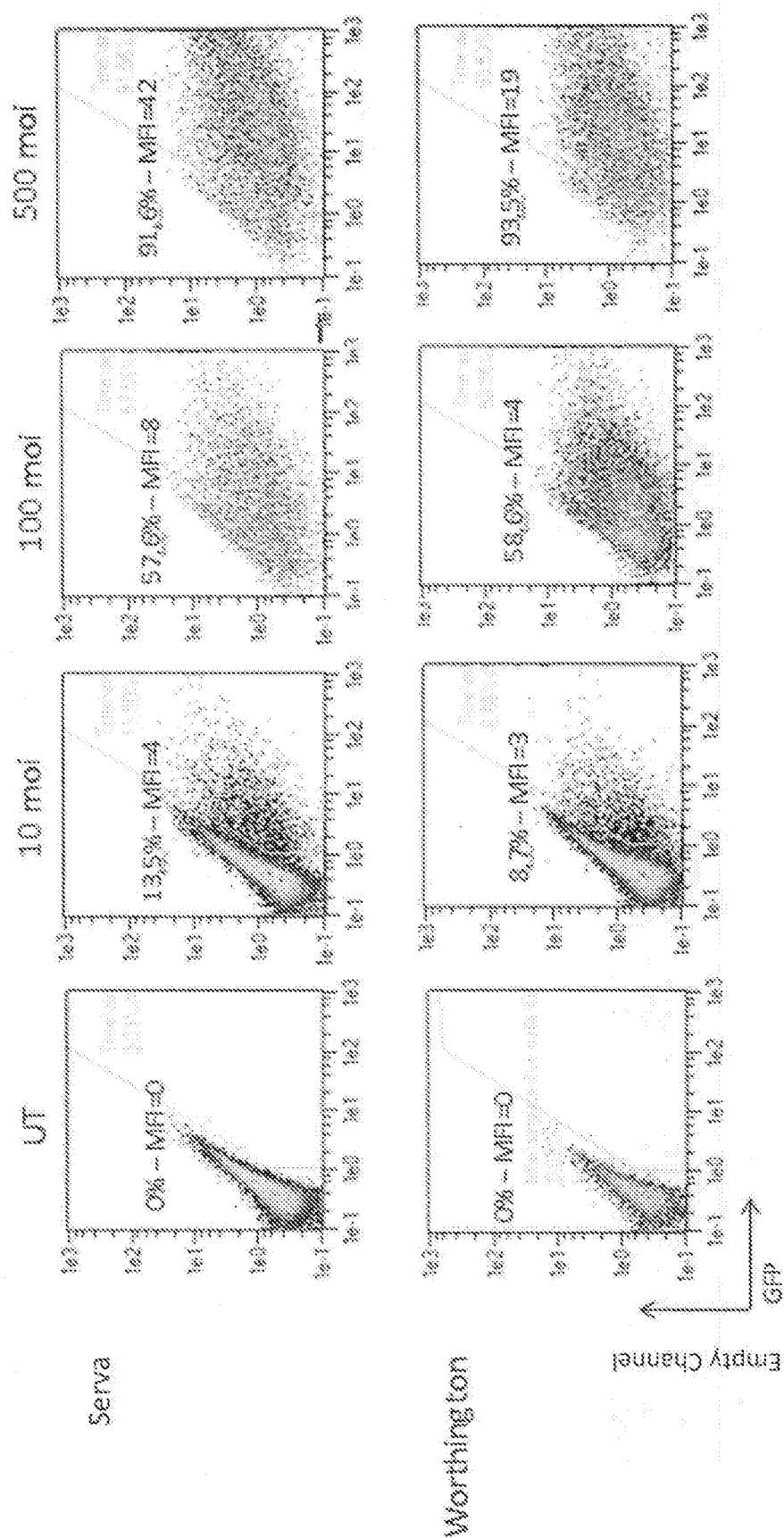


Figure 45B

43/48

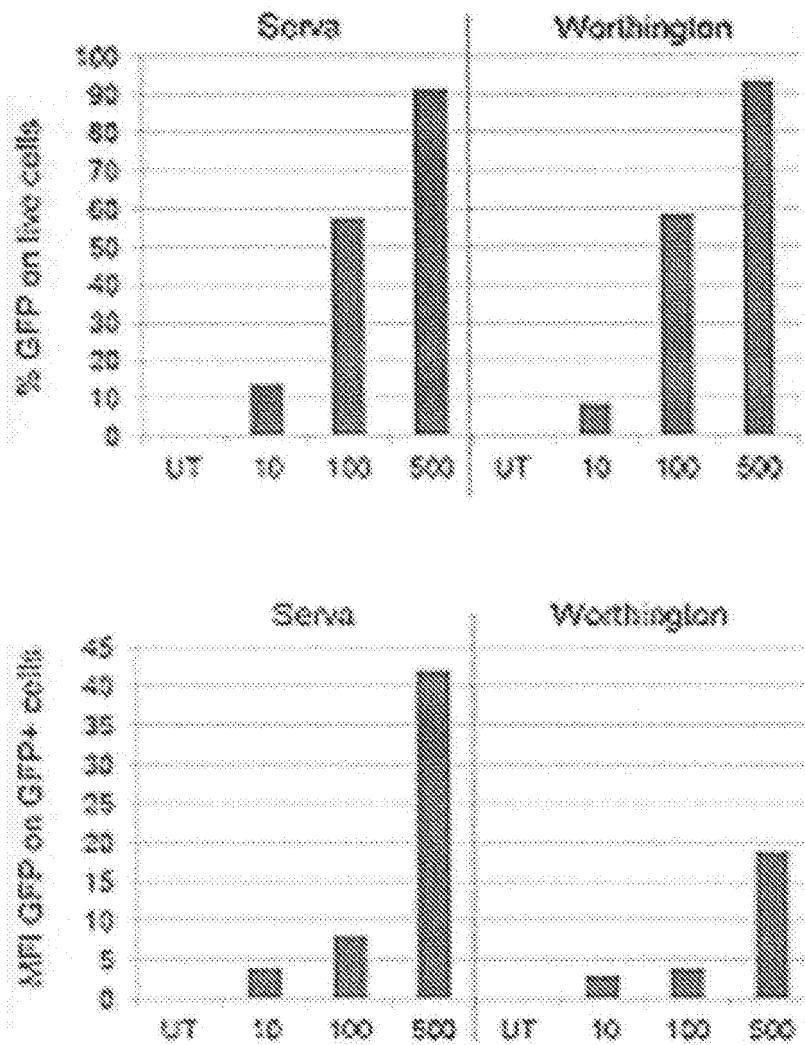


Figure 45C

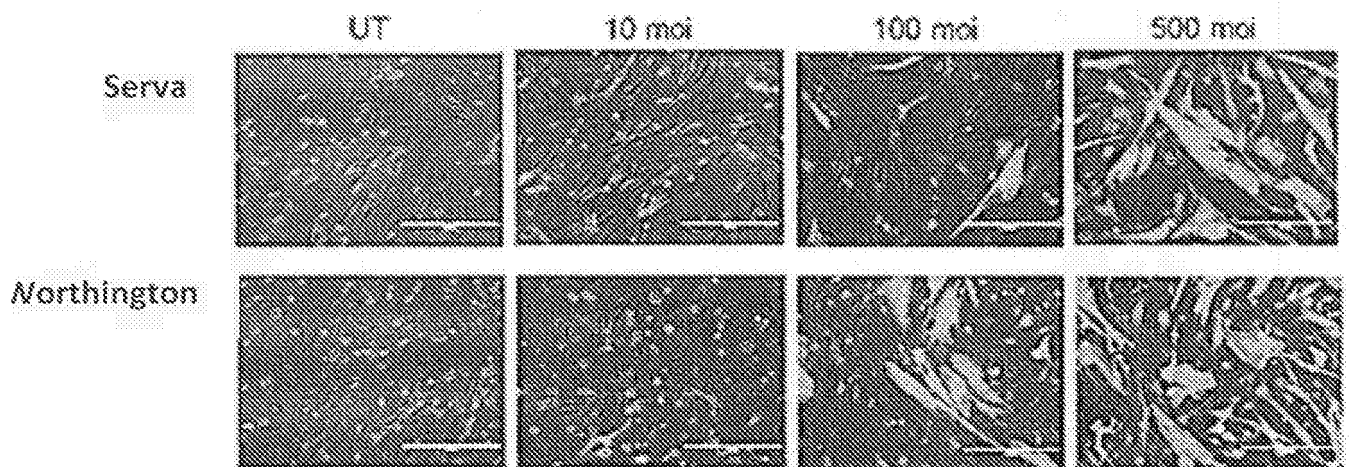


Figure 46A

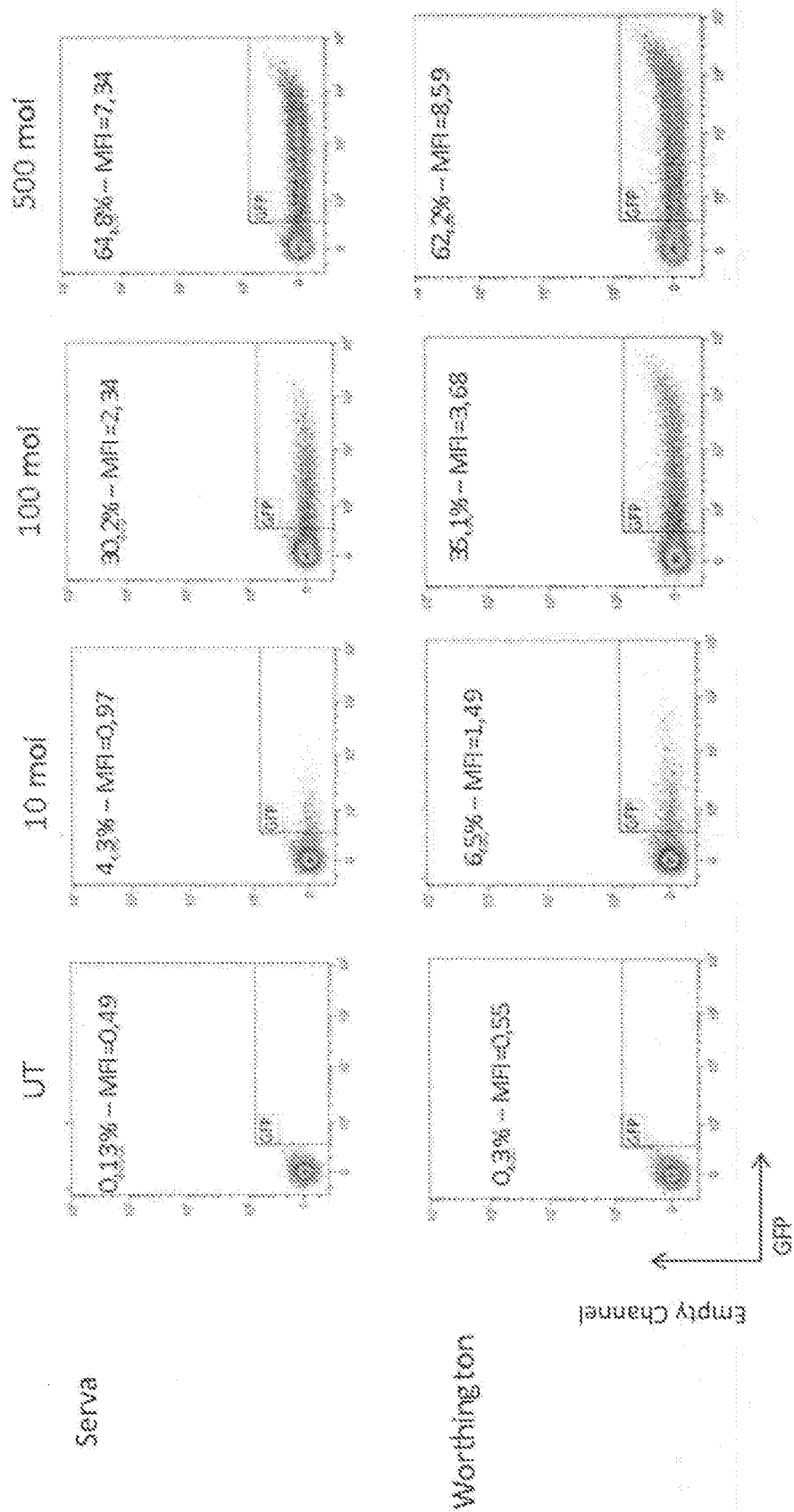


Figure 46B

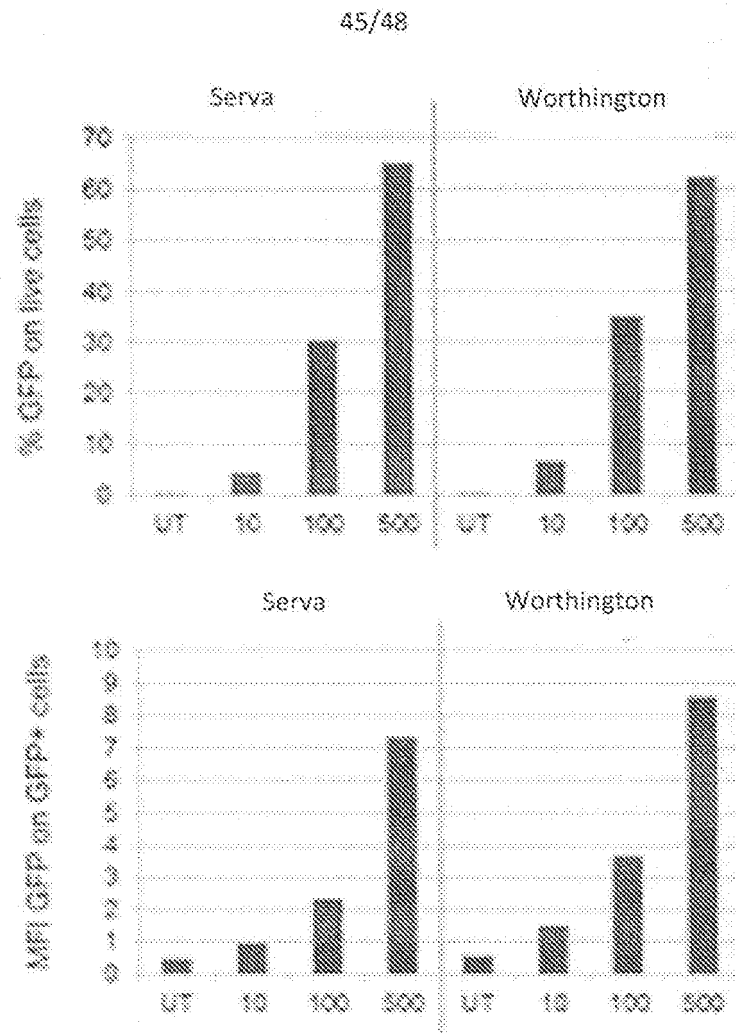


Figure 46C

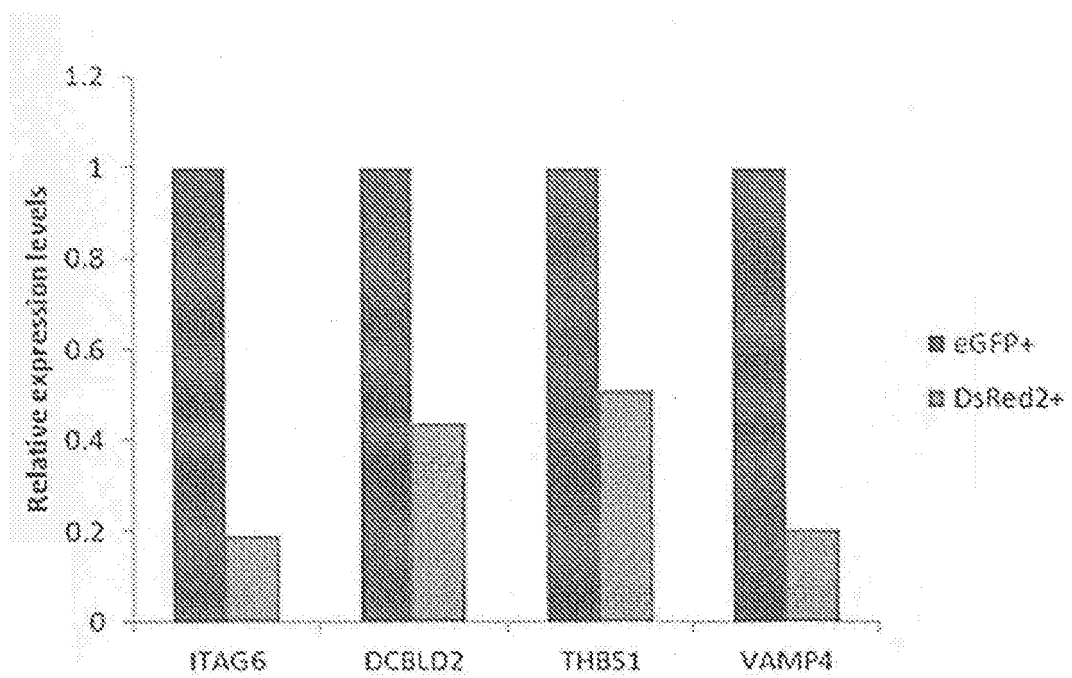


Figure 47

45/48

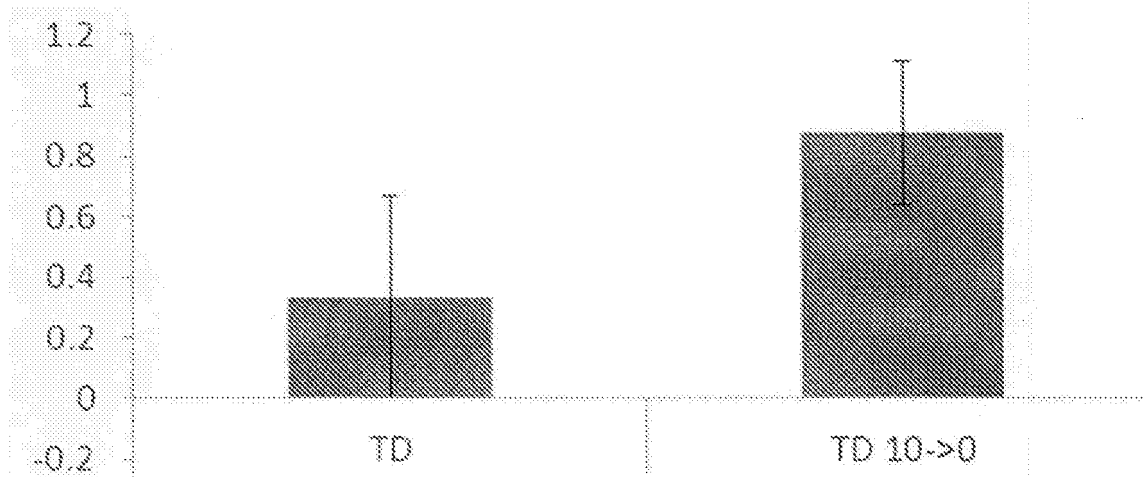


Figure 48A

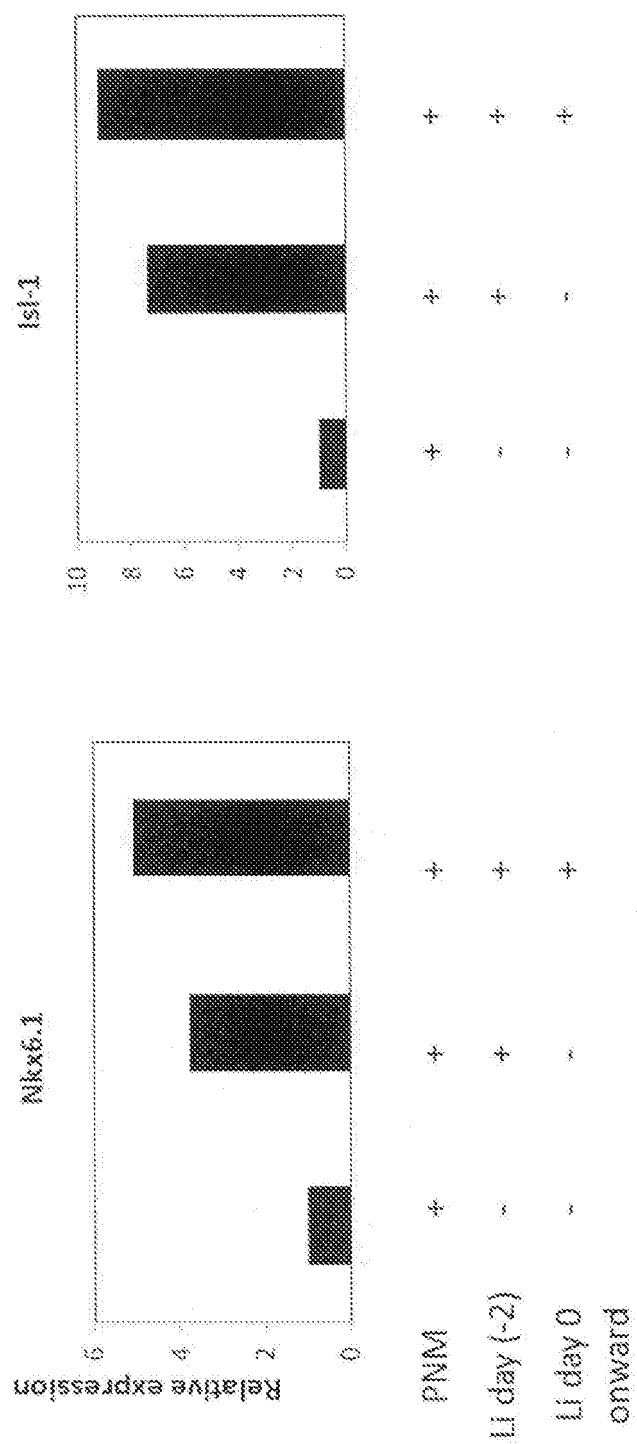


Figure 48B

48/48

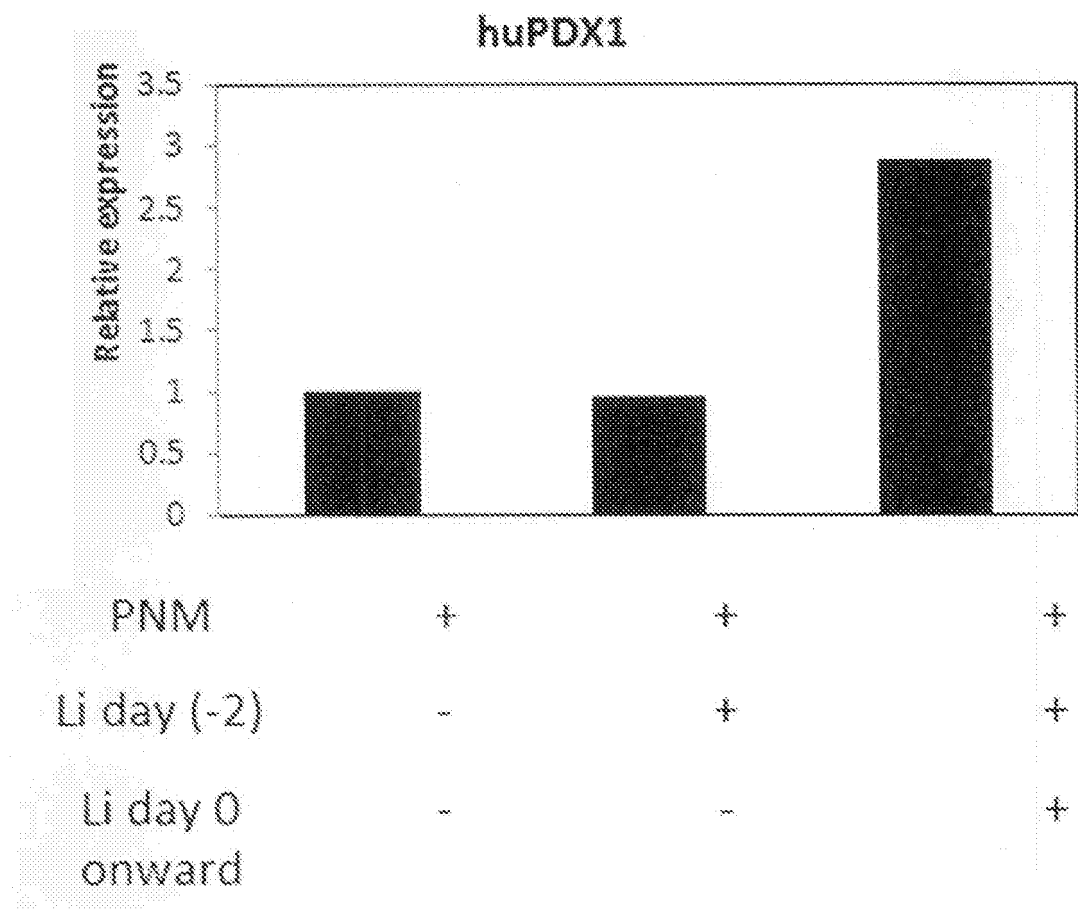


Figure 48C