

Figure 1:

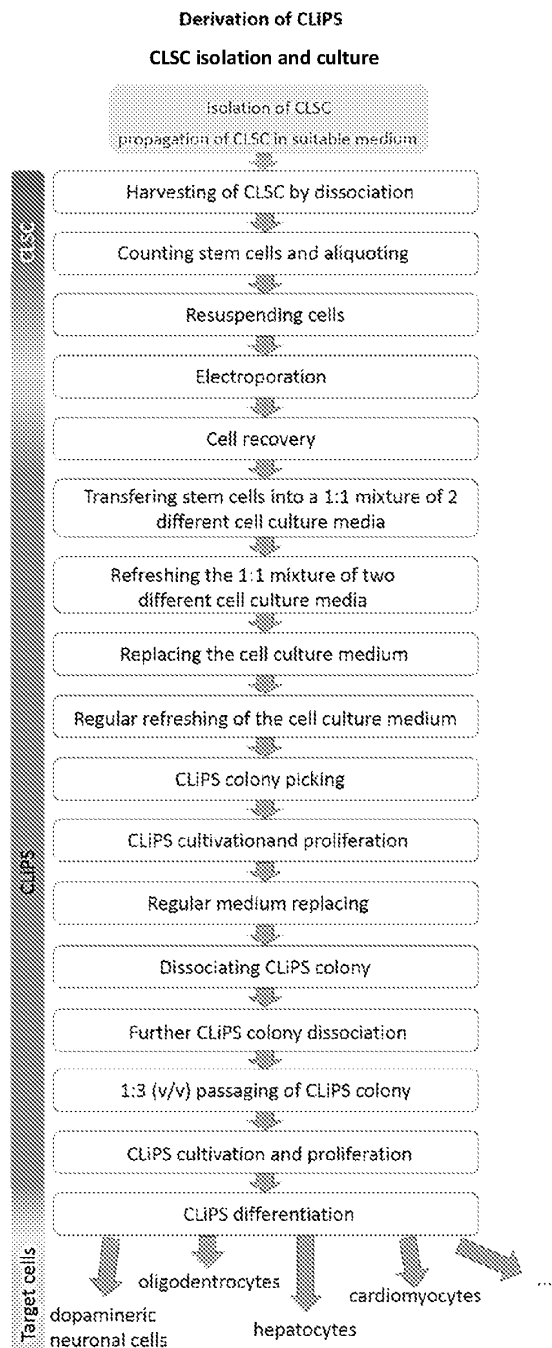


Figure 2:

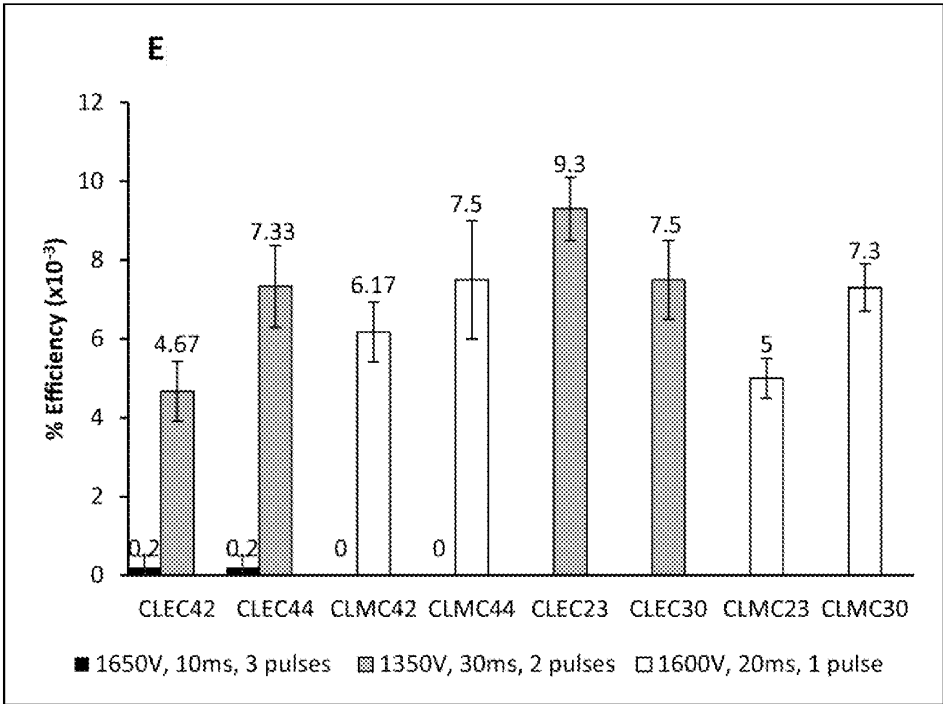


Figure 3:

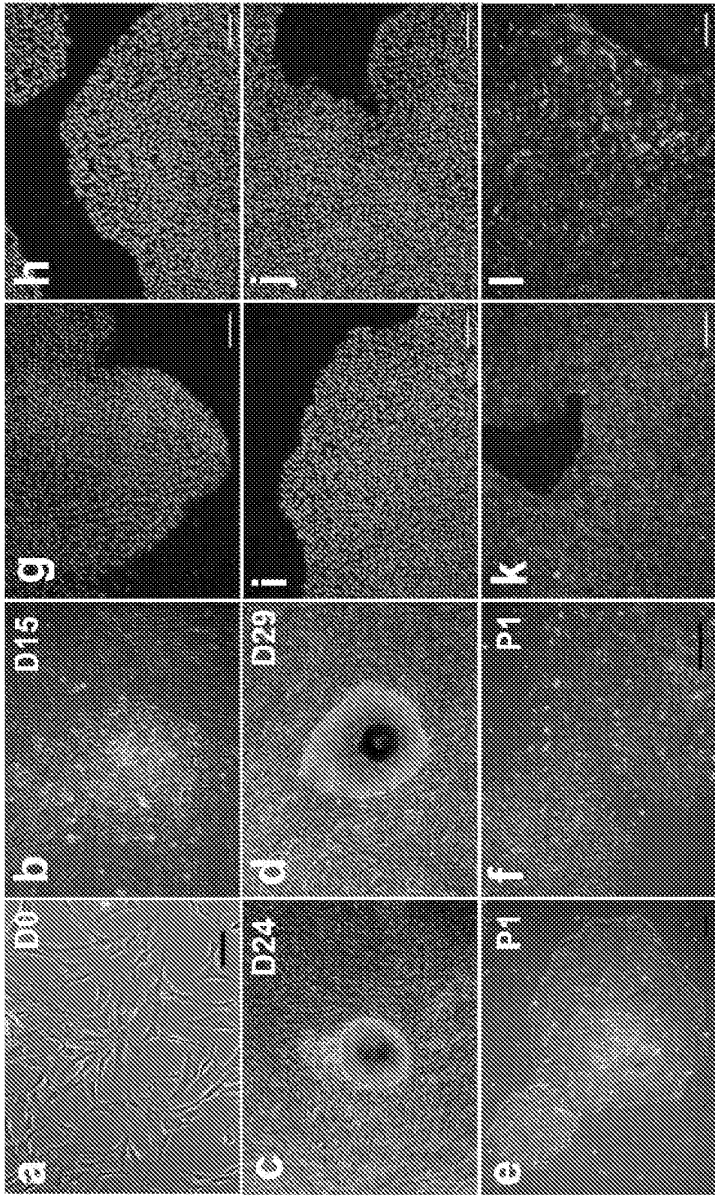


Figure 3 (cont.1):

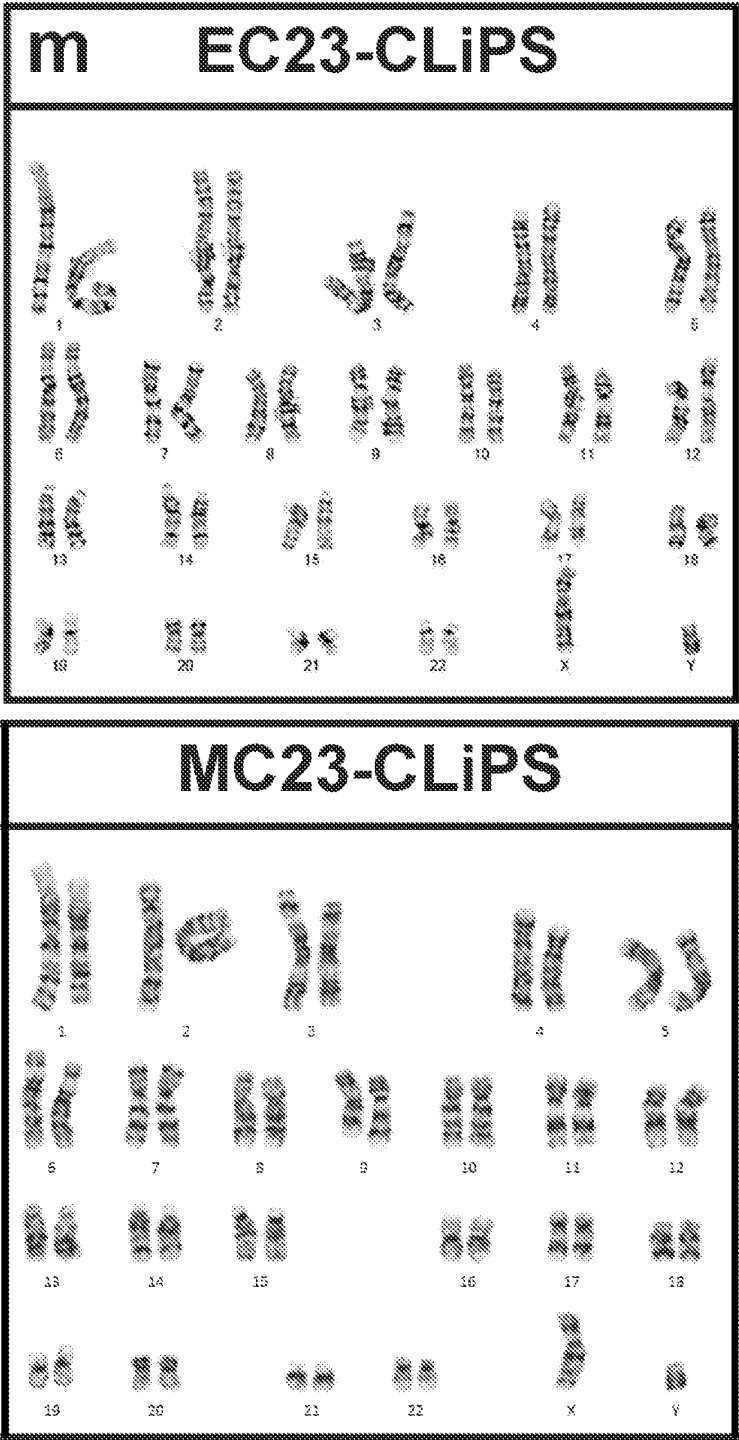


Figure 3 (cont.2):

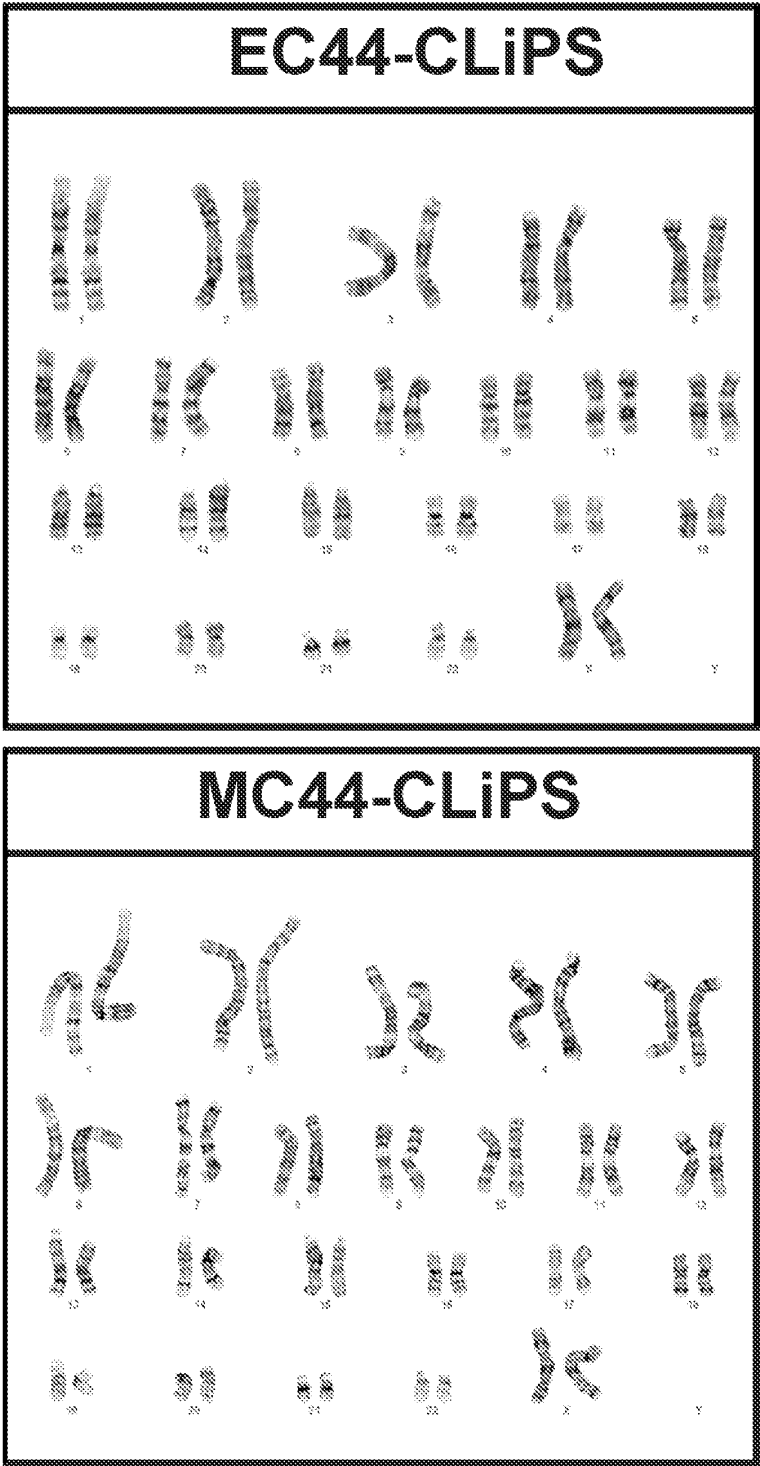


Figure 3 (cont.3):

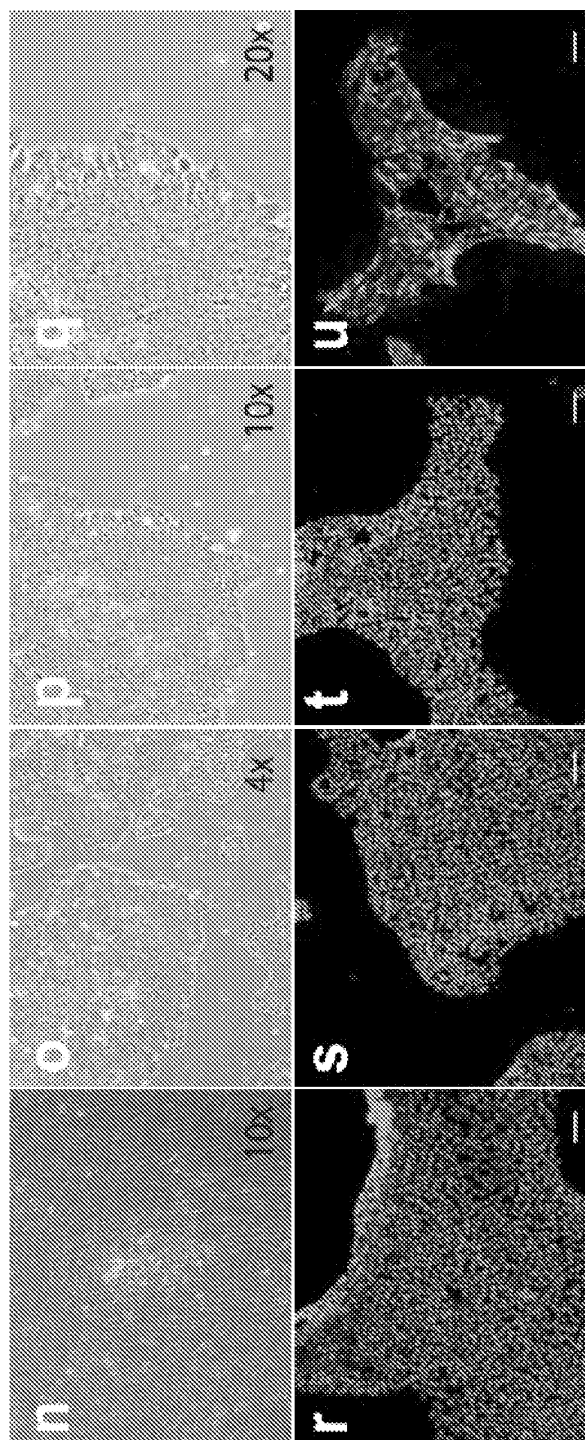


Figure 3 (cont.4):

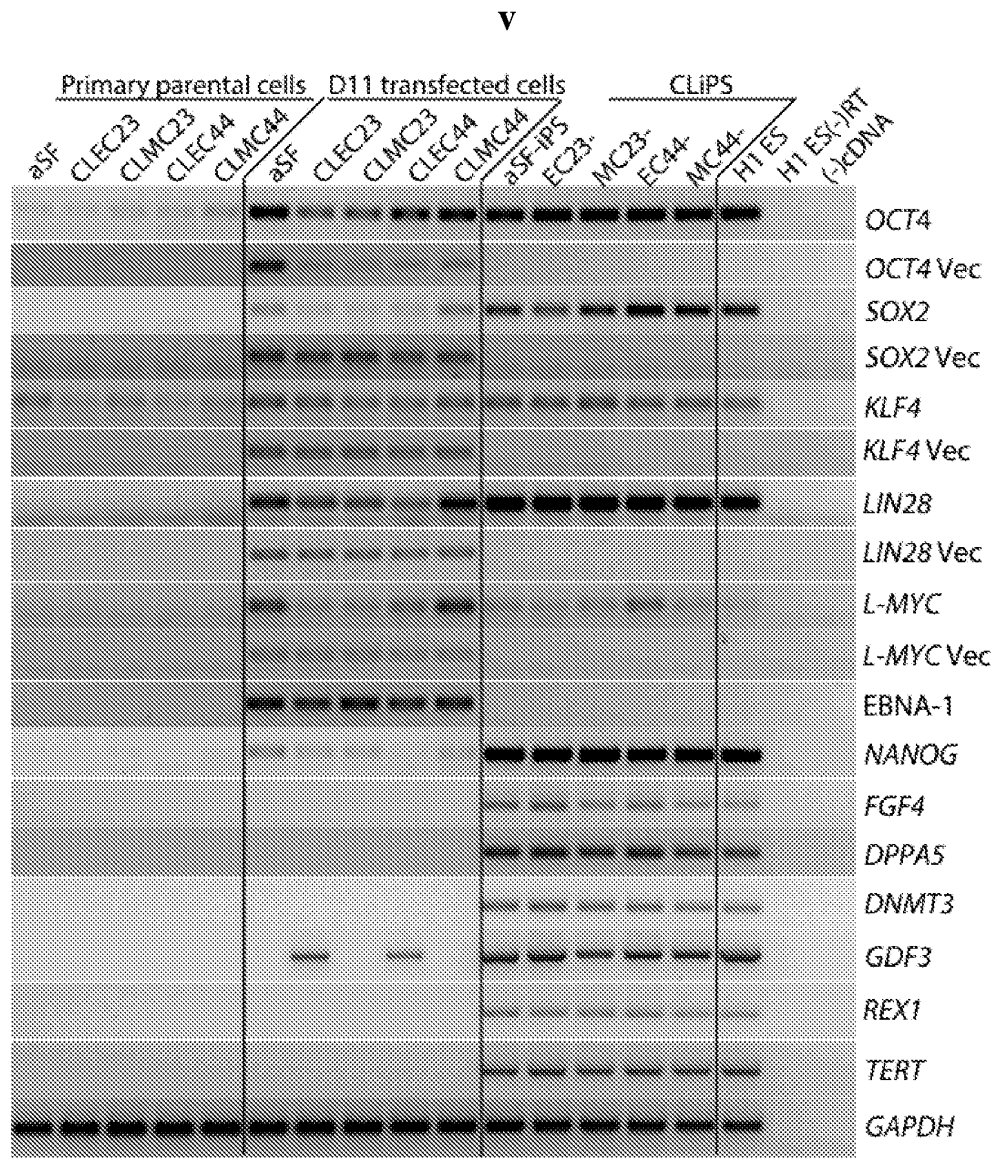


Figure 4:

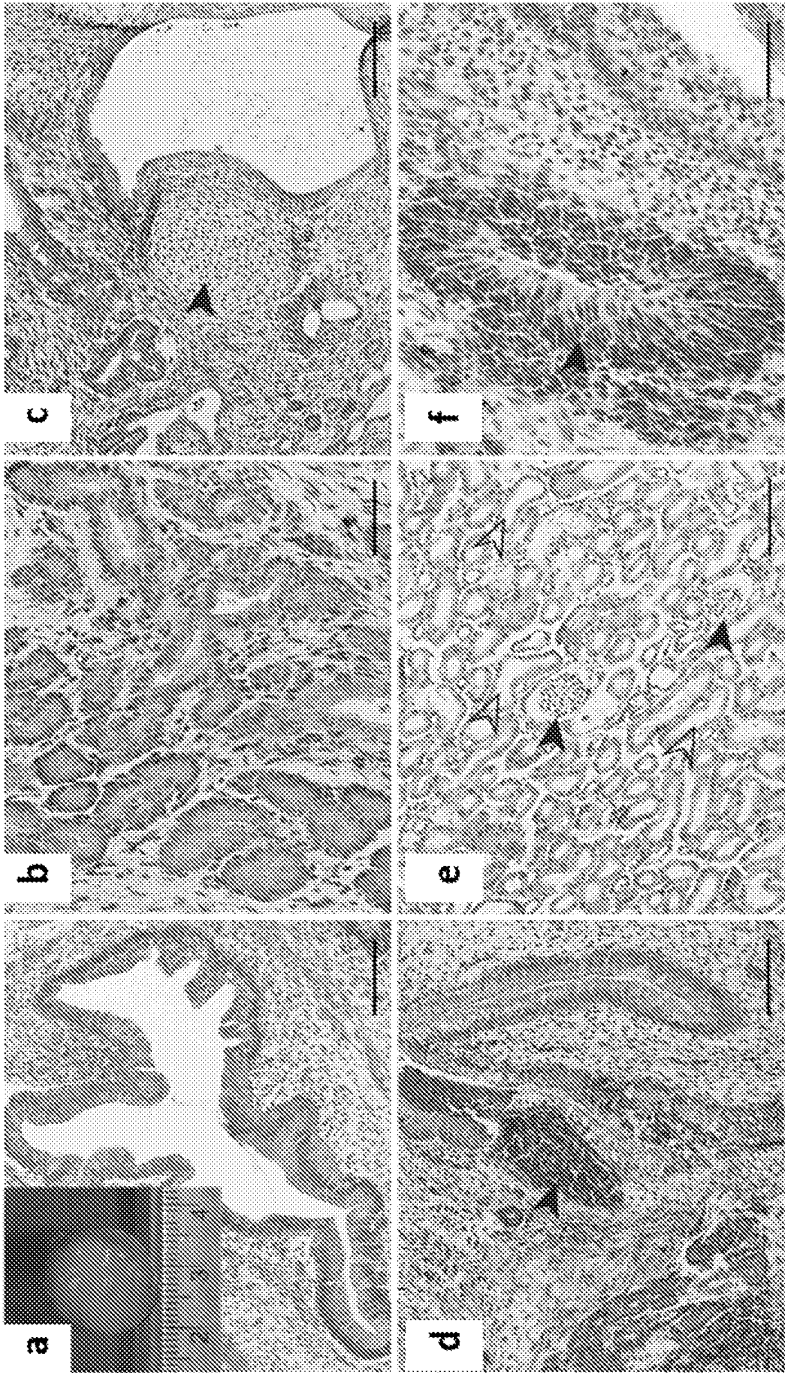


Figure 4 (cont.1):

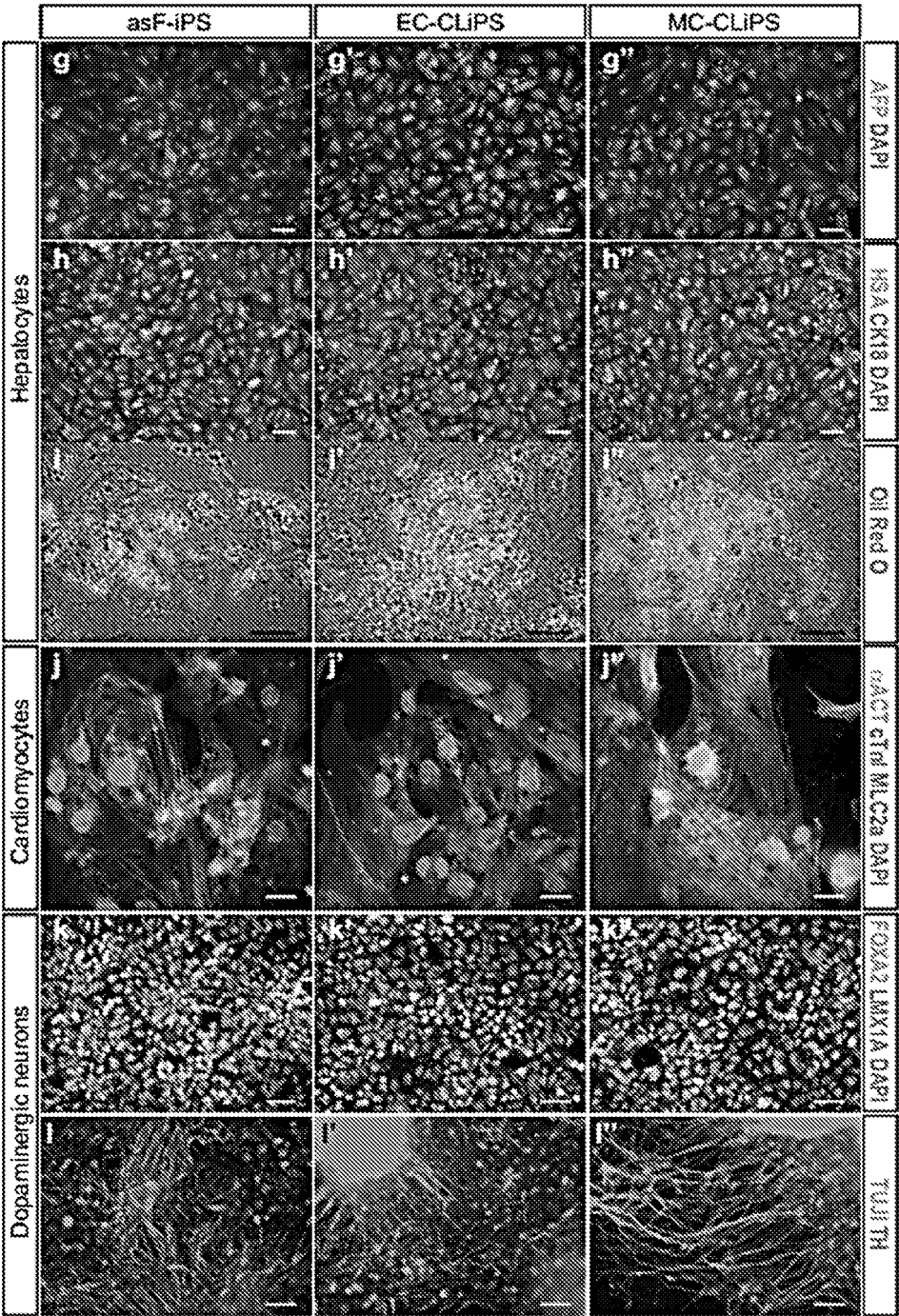


Figure 4 (cont.2):

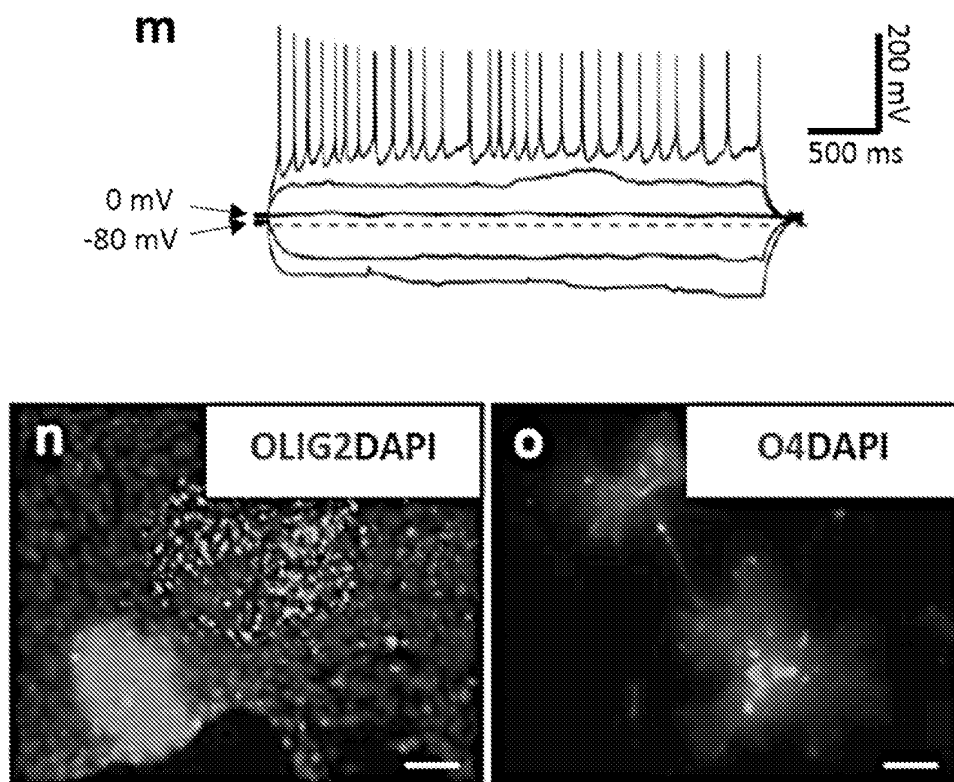


Figure 5:

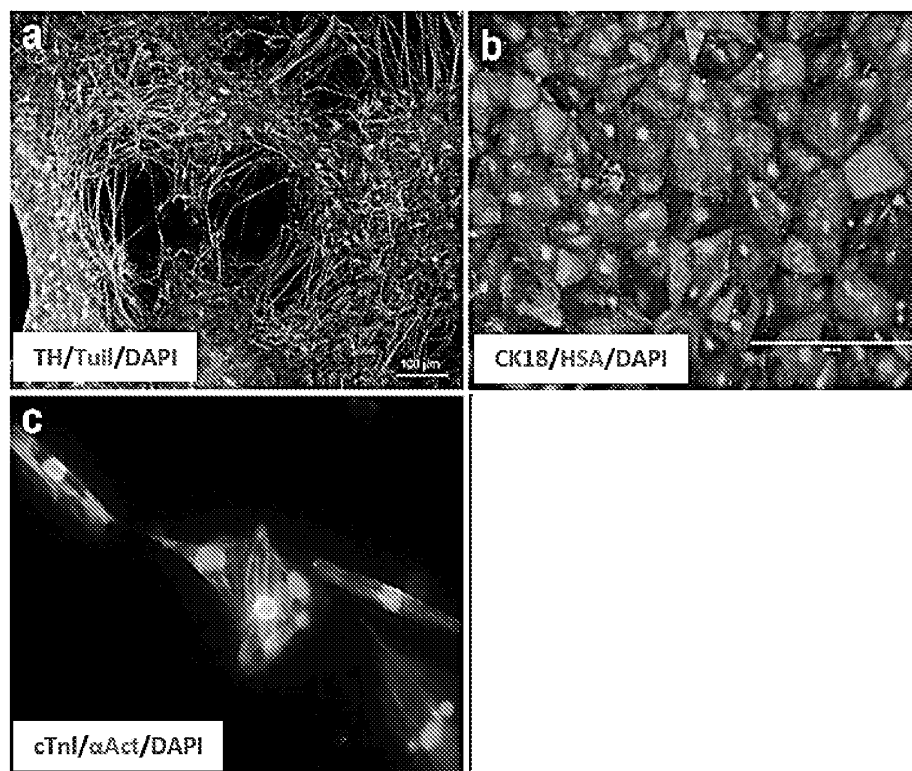


Figure 5 (cont. 1):

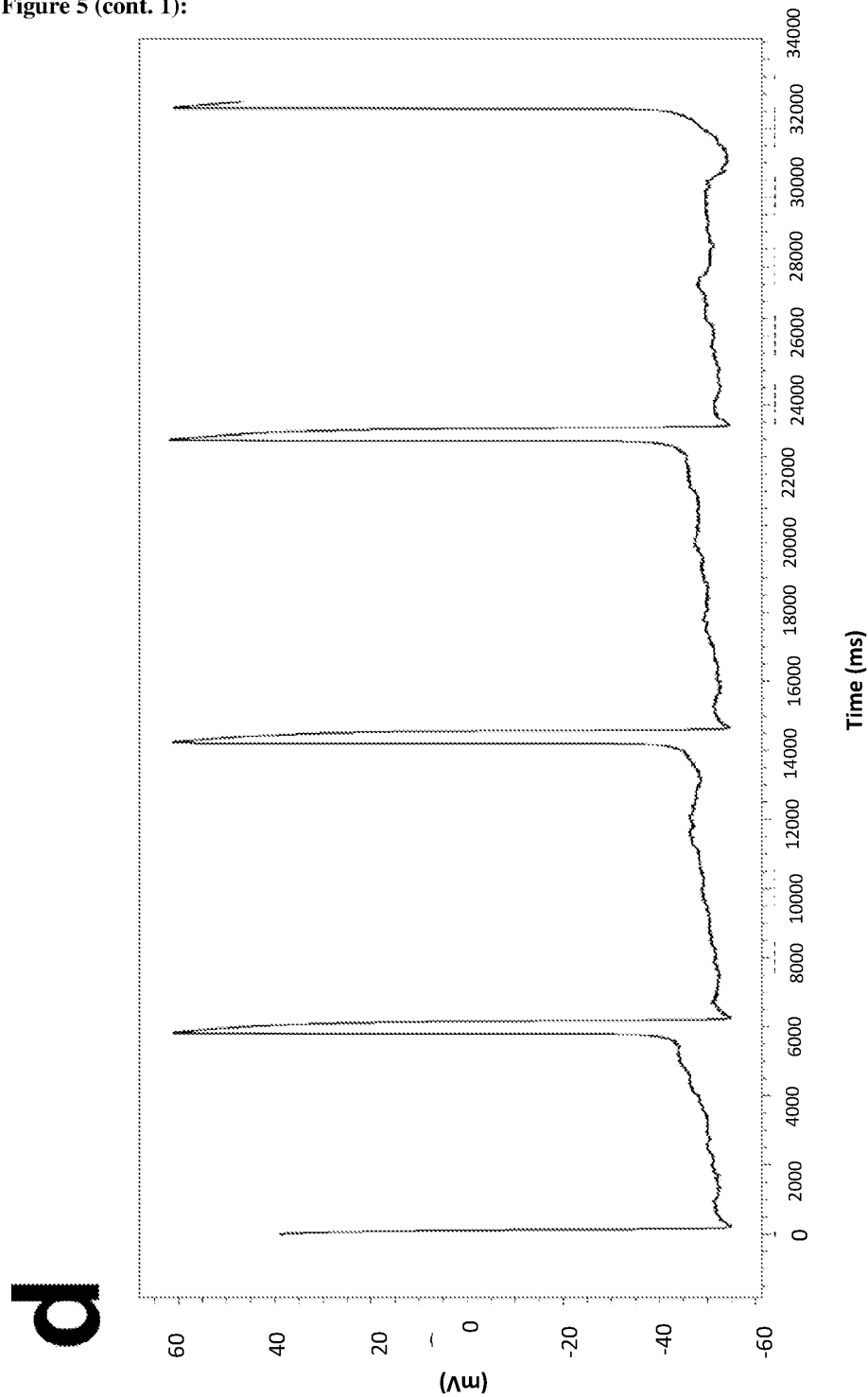


Figure 6:

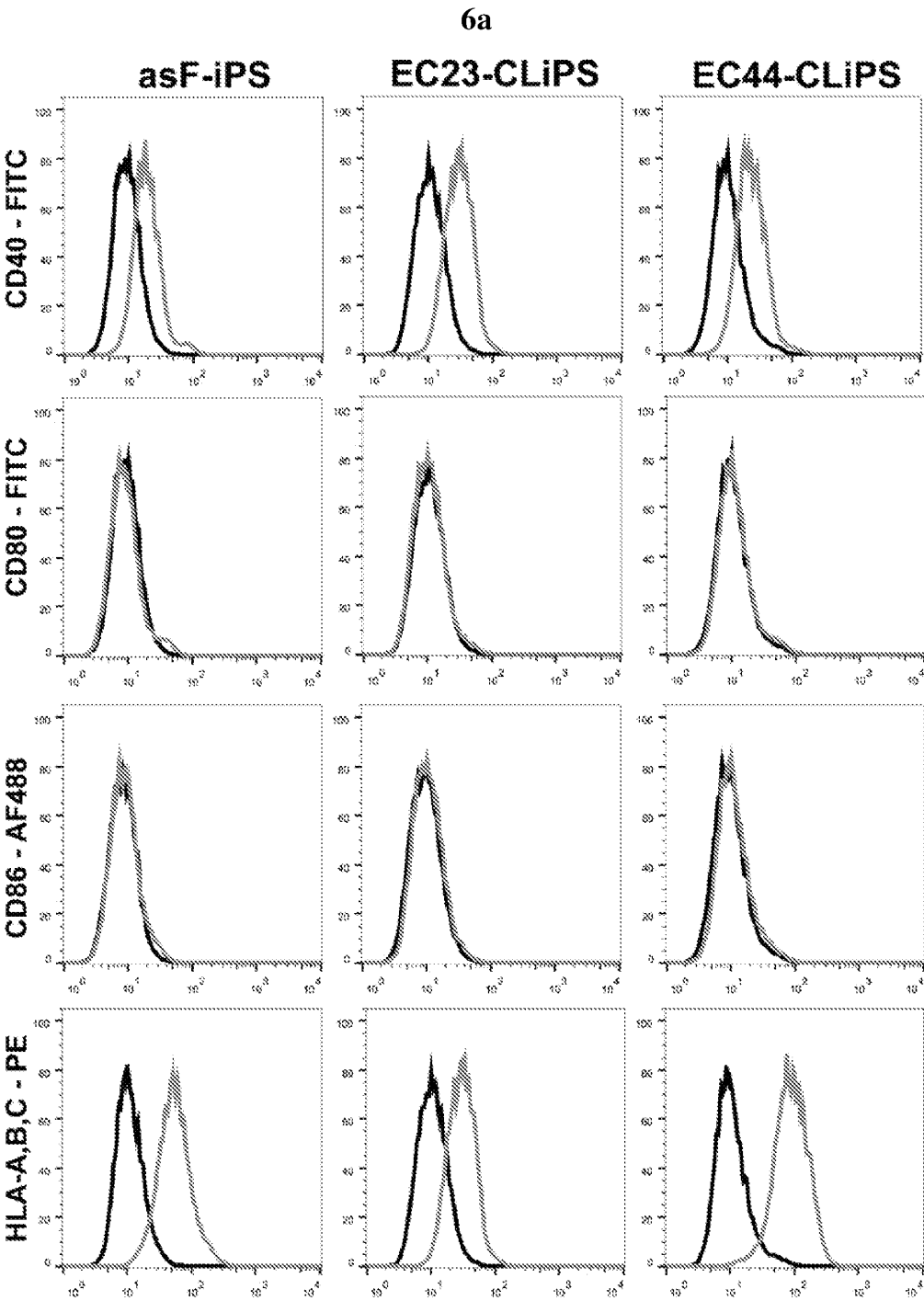


Figure 6 (cont. 1):

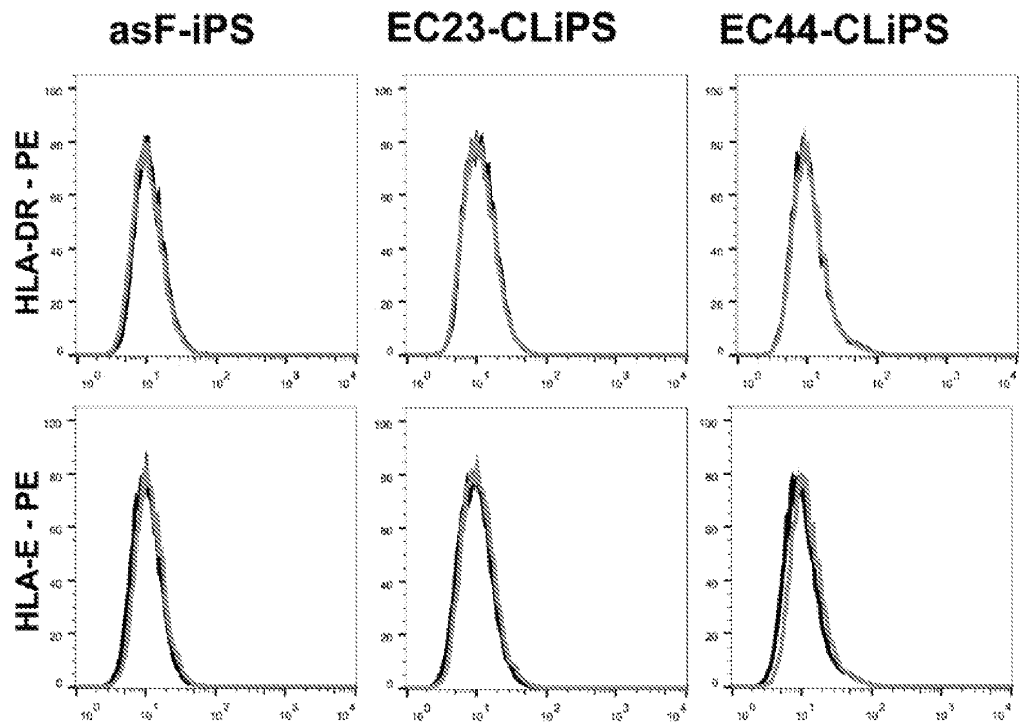


Figure 6 (cont. 2):

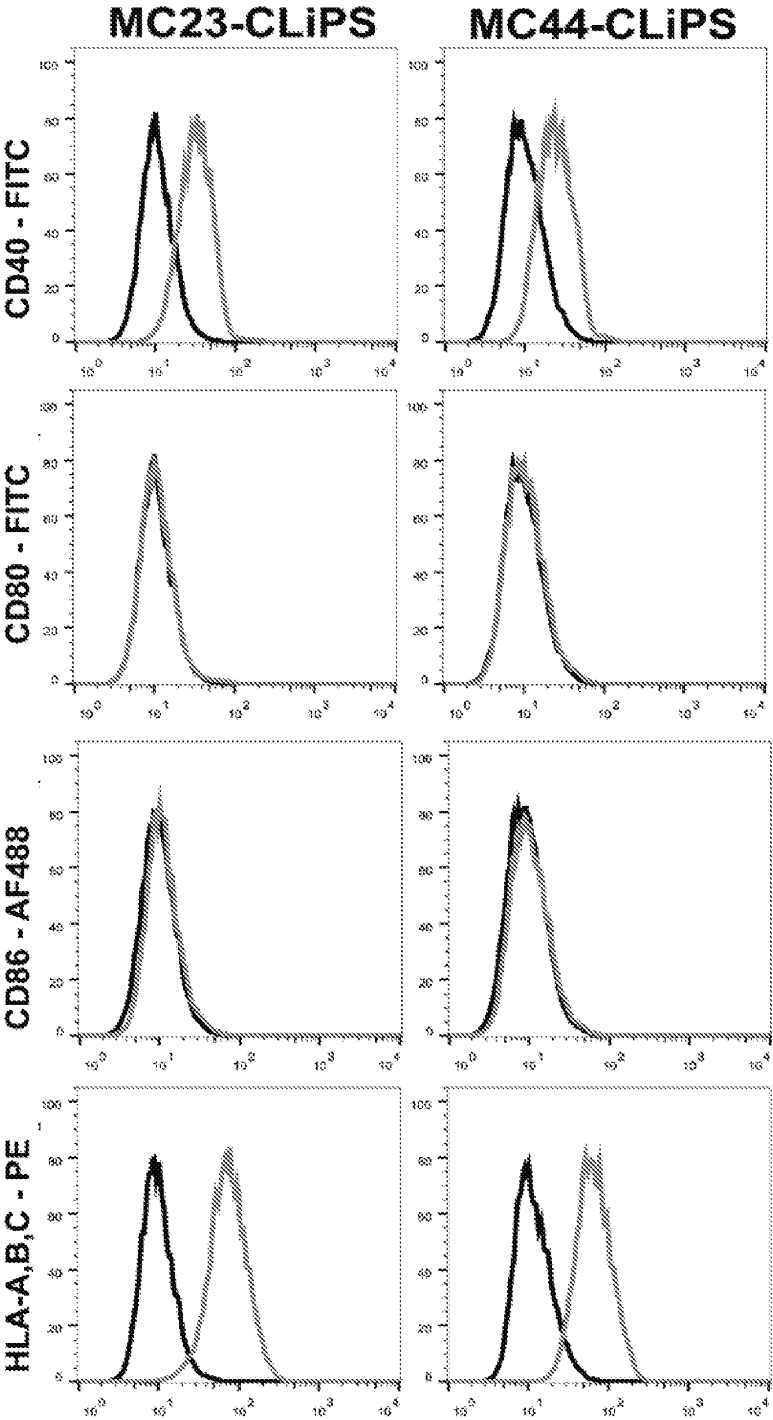


Figure 6 (cont. 3):

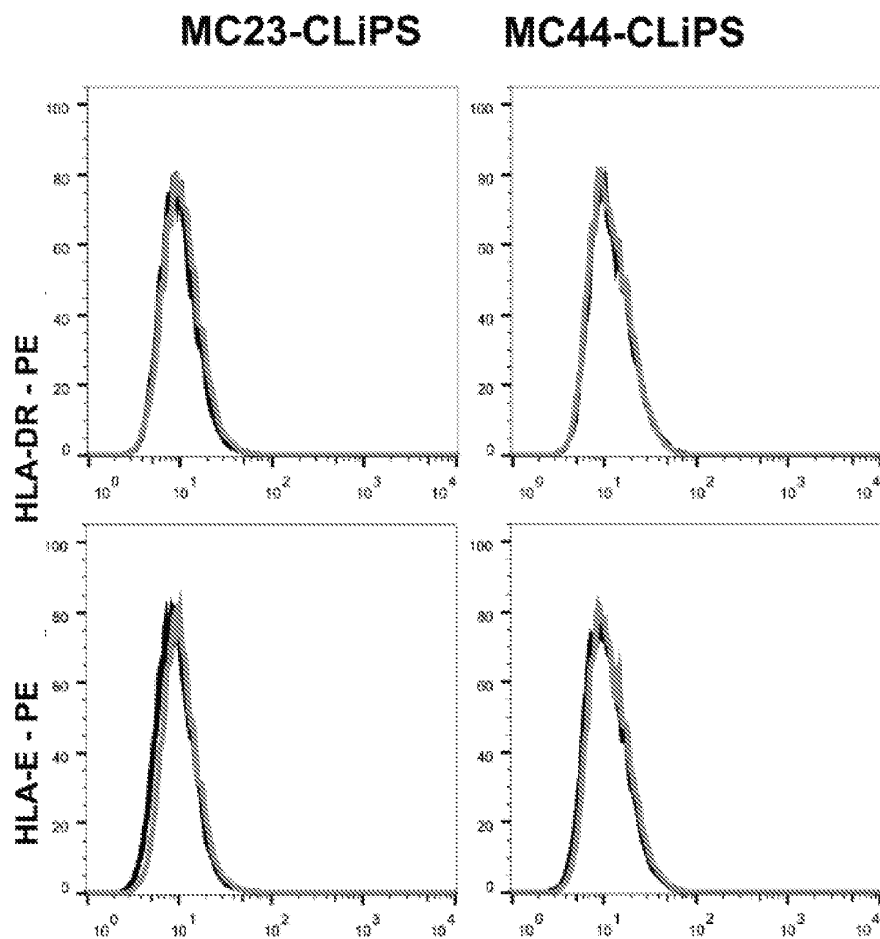


Figure 6 (cont. 4):

6b

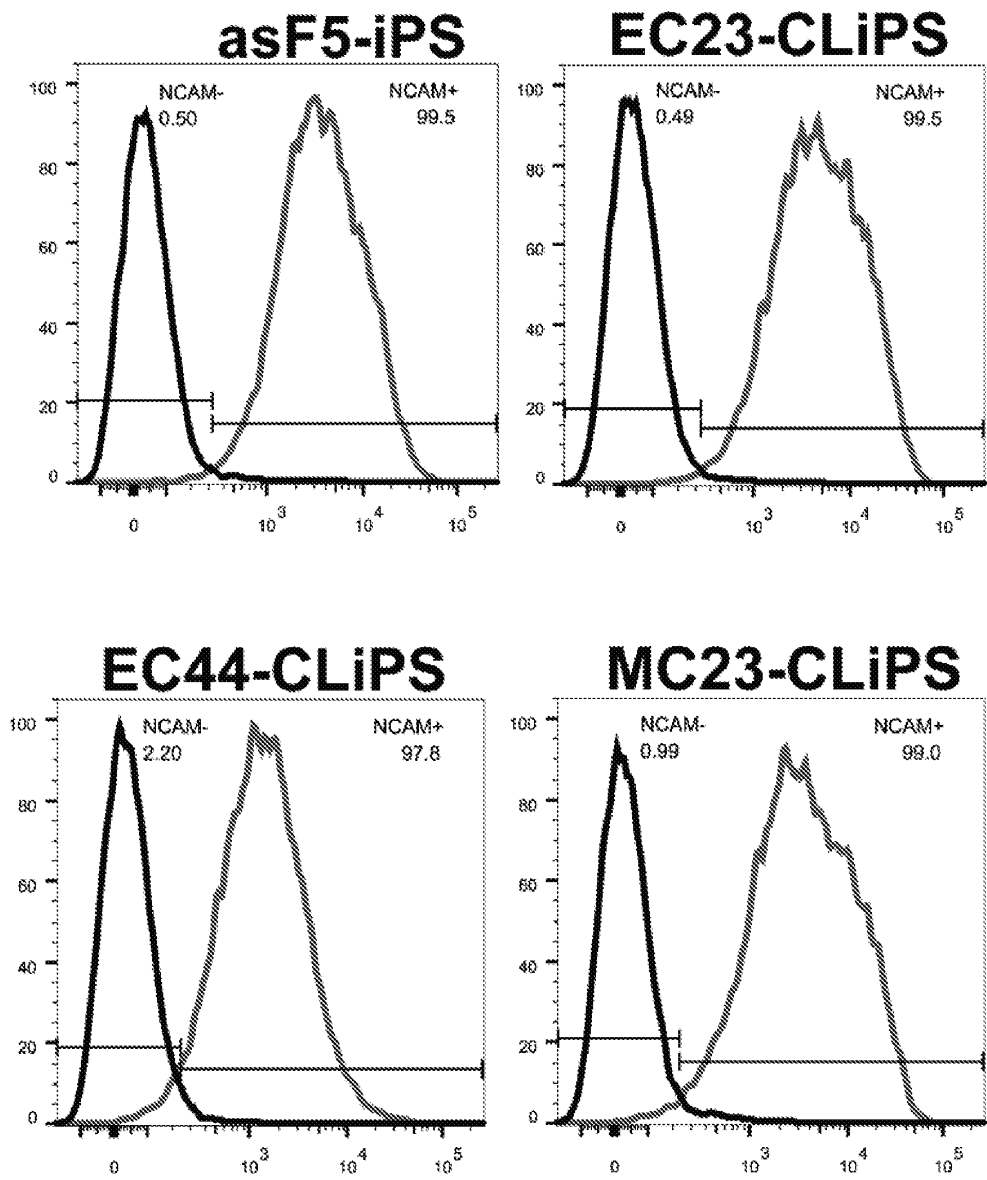


Figure 6 (cont. 5):

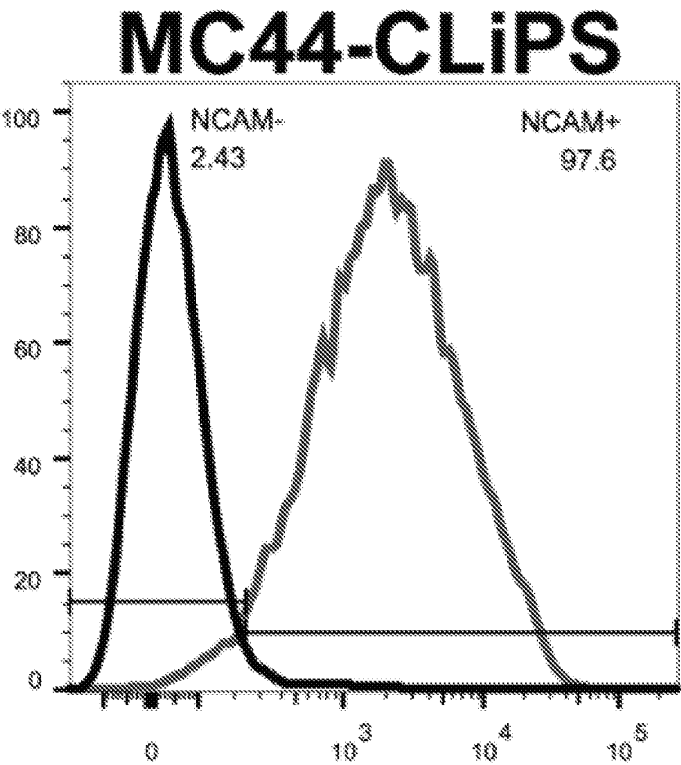


Figure 6 (cont. 6):

6c

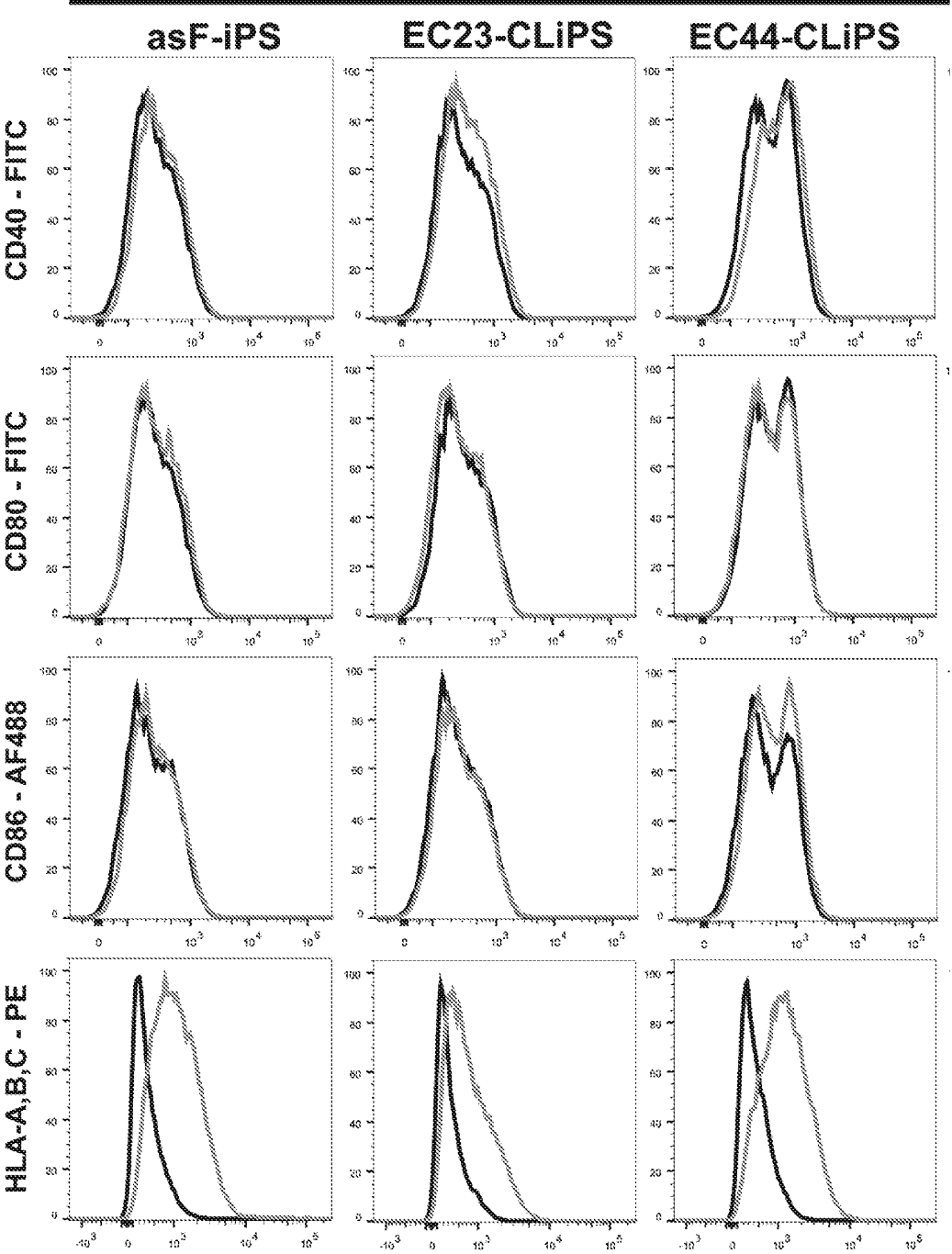


Figure 6 (cont. 7):

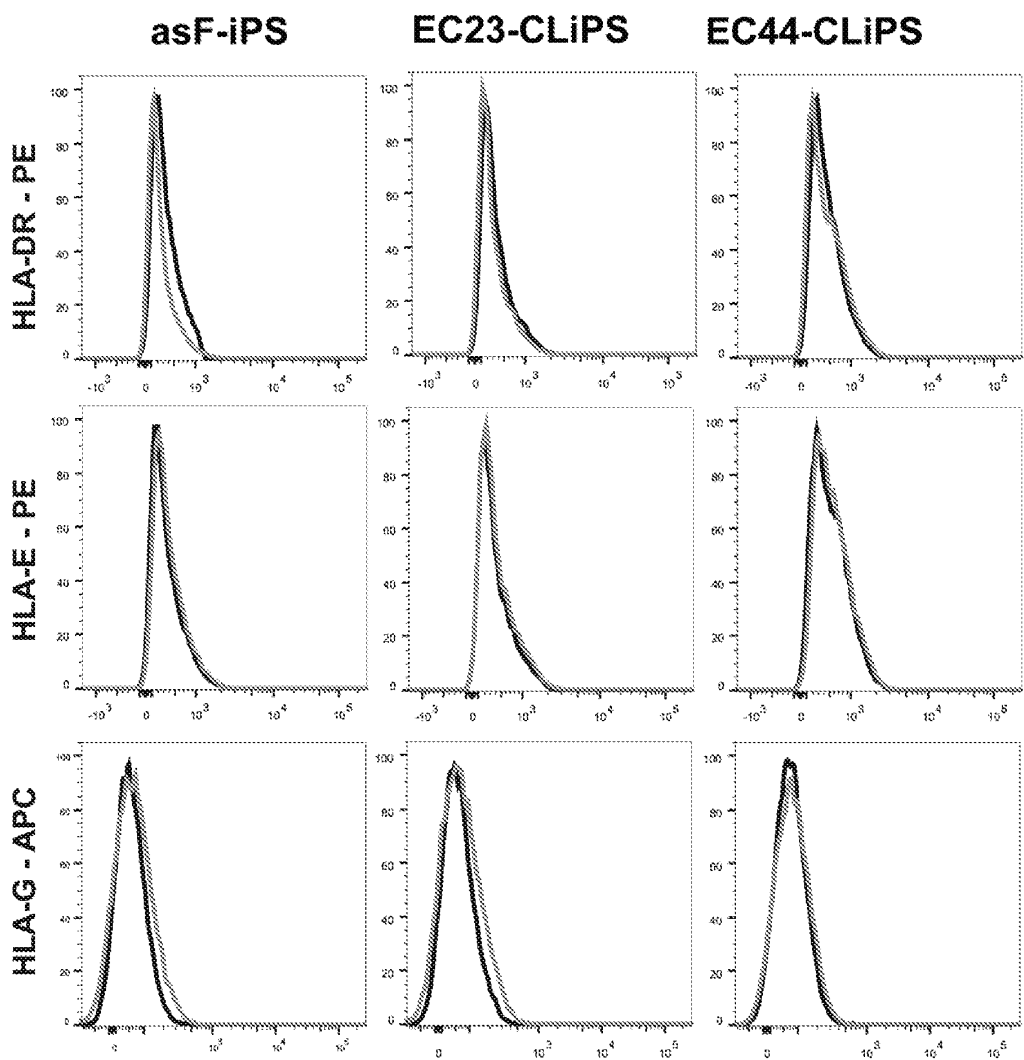


Figure 6 (cont. 8):

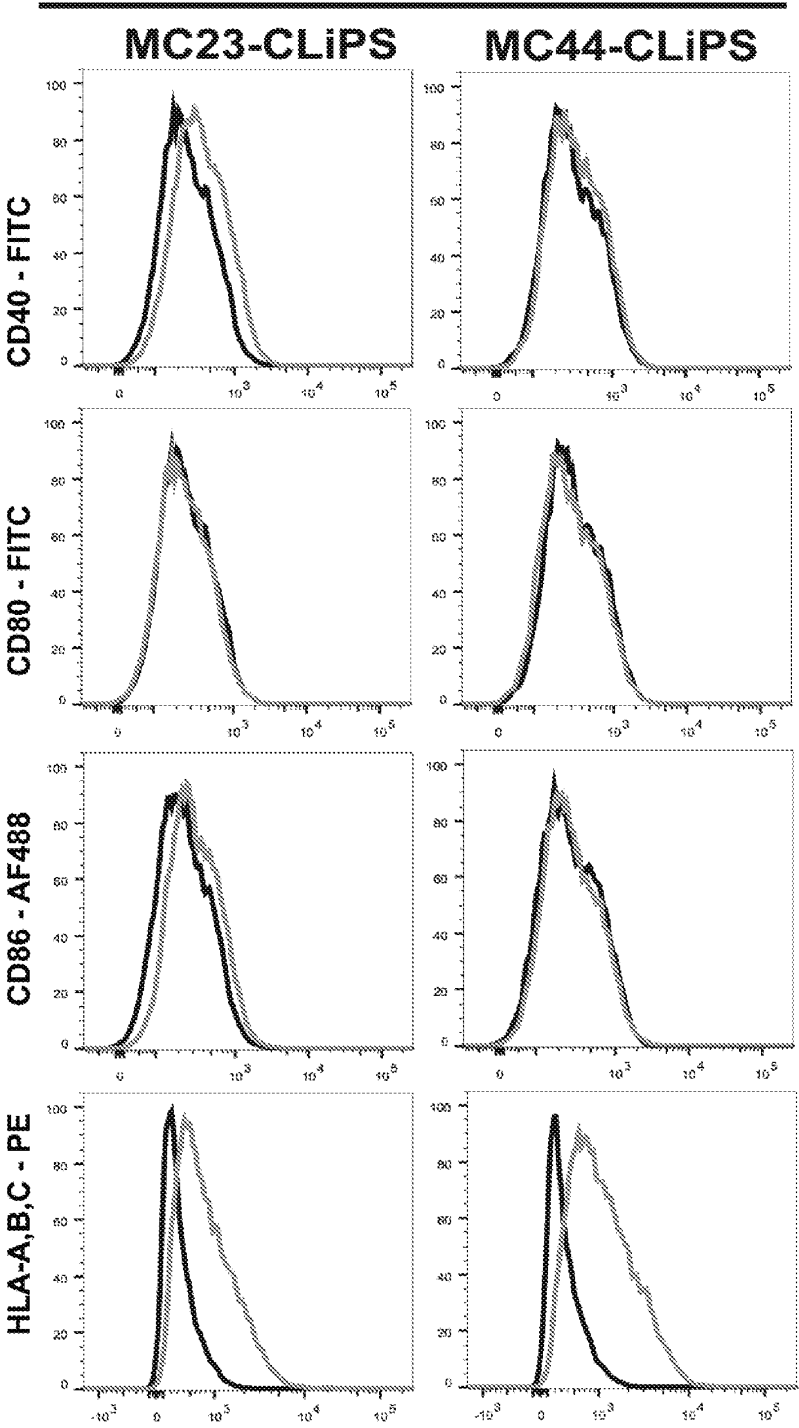


Figure 6 (cont. 9):

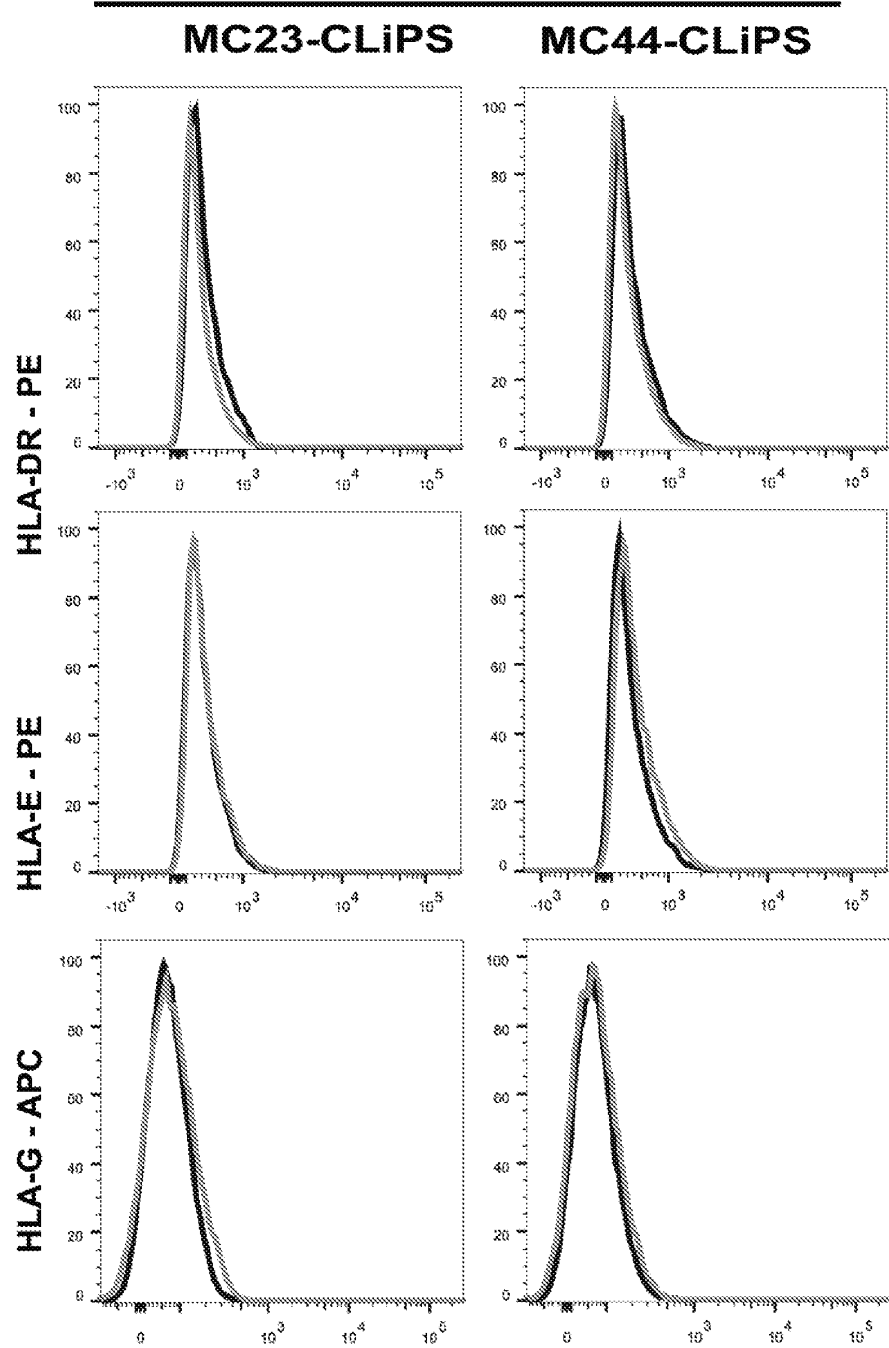


Figure 7:

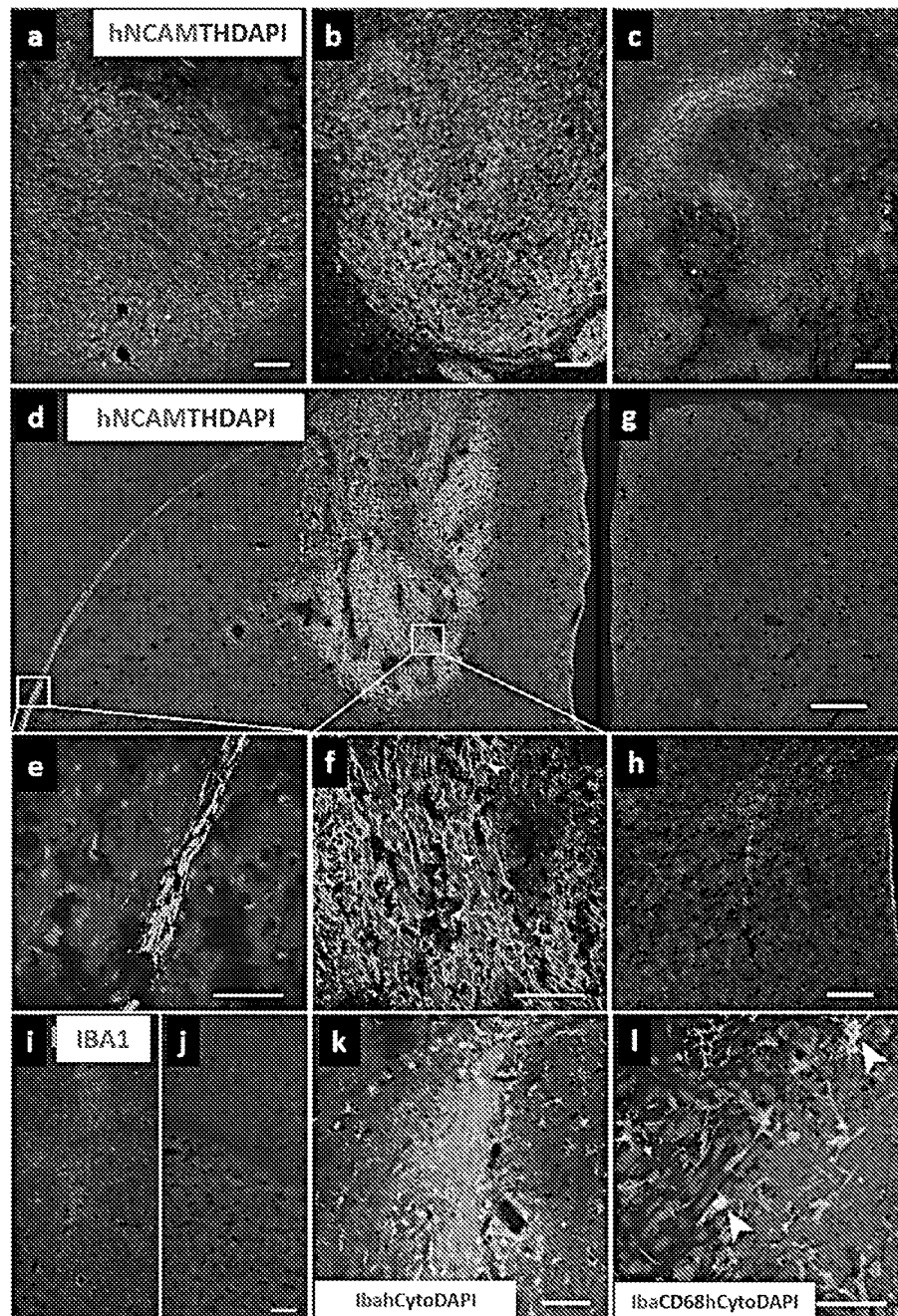


Figure 8:

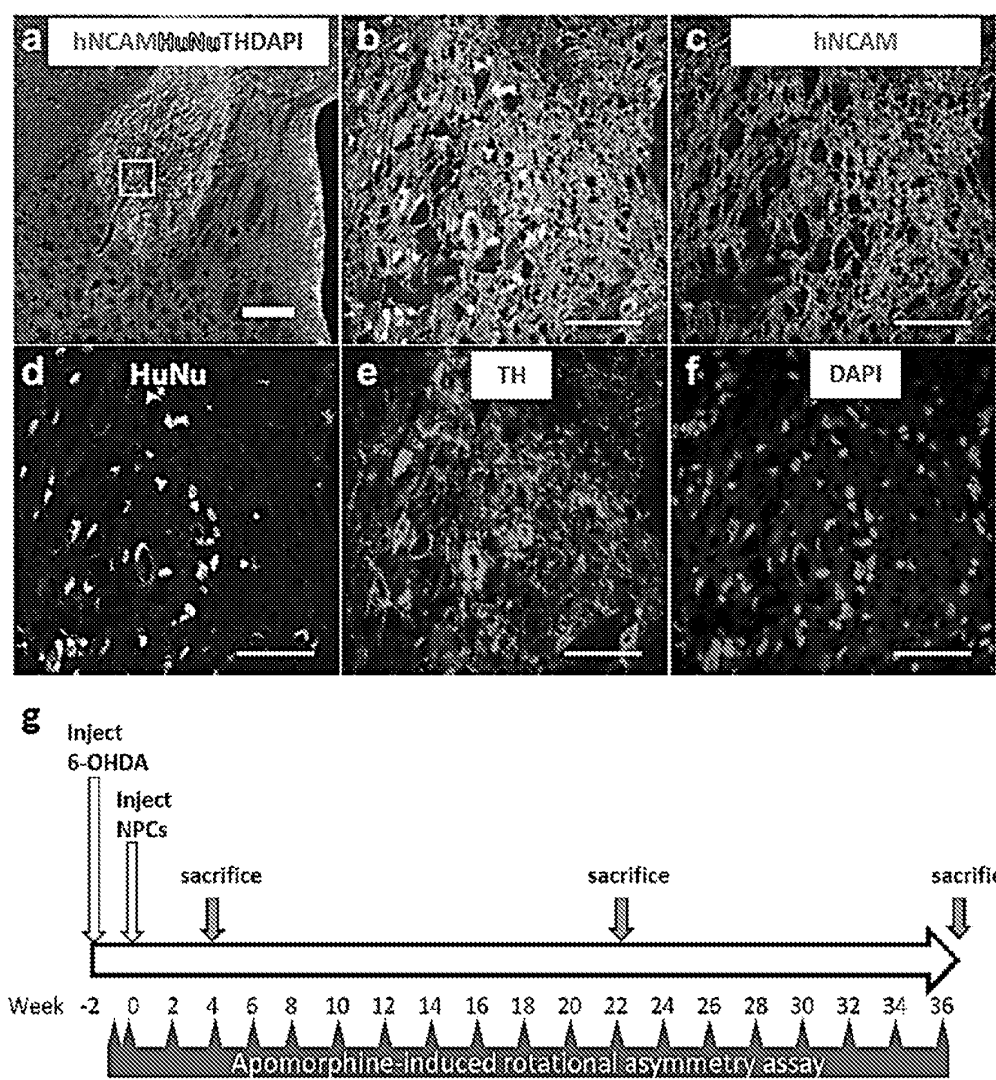


Figure 8 (cont.1):

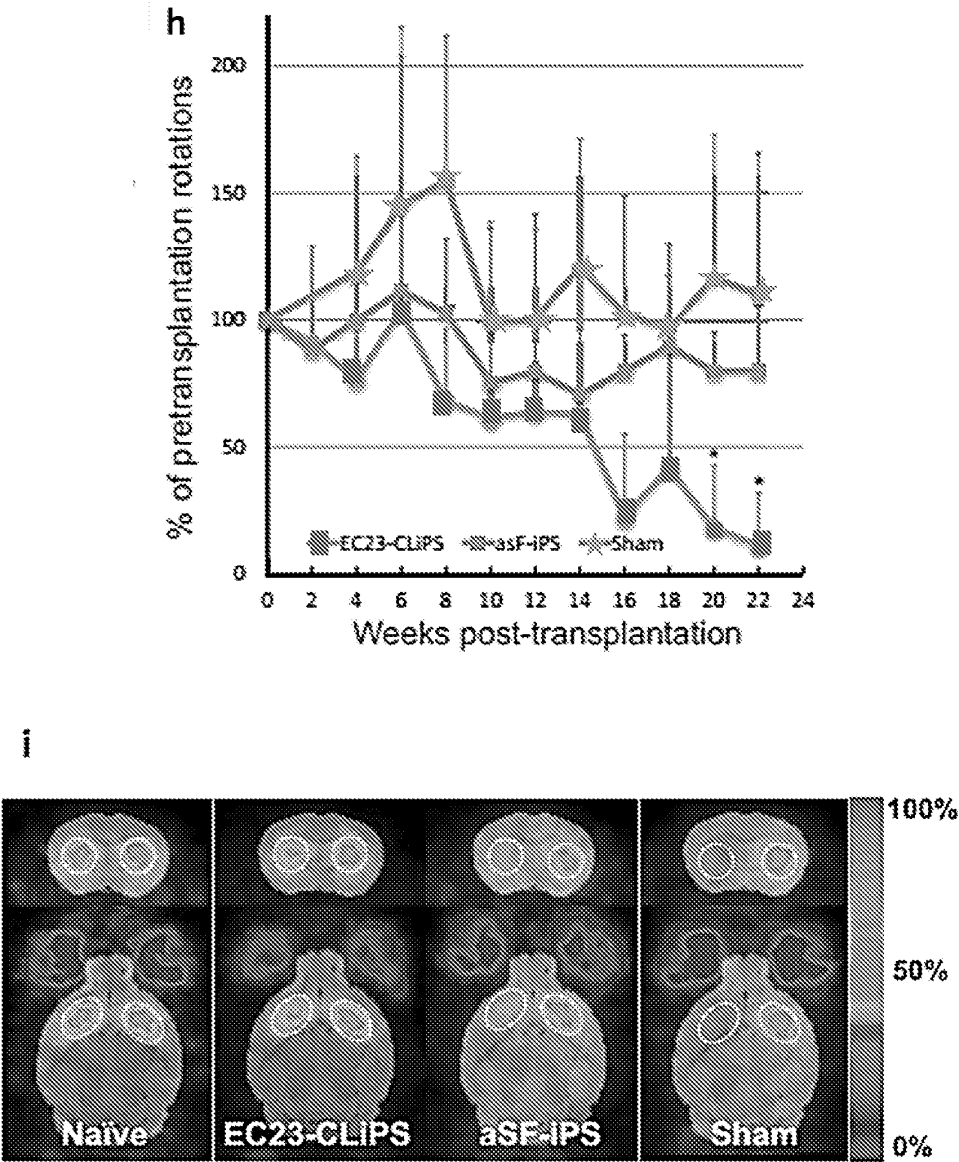


Figure 9:

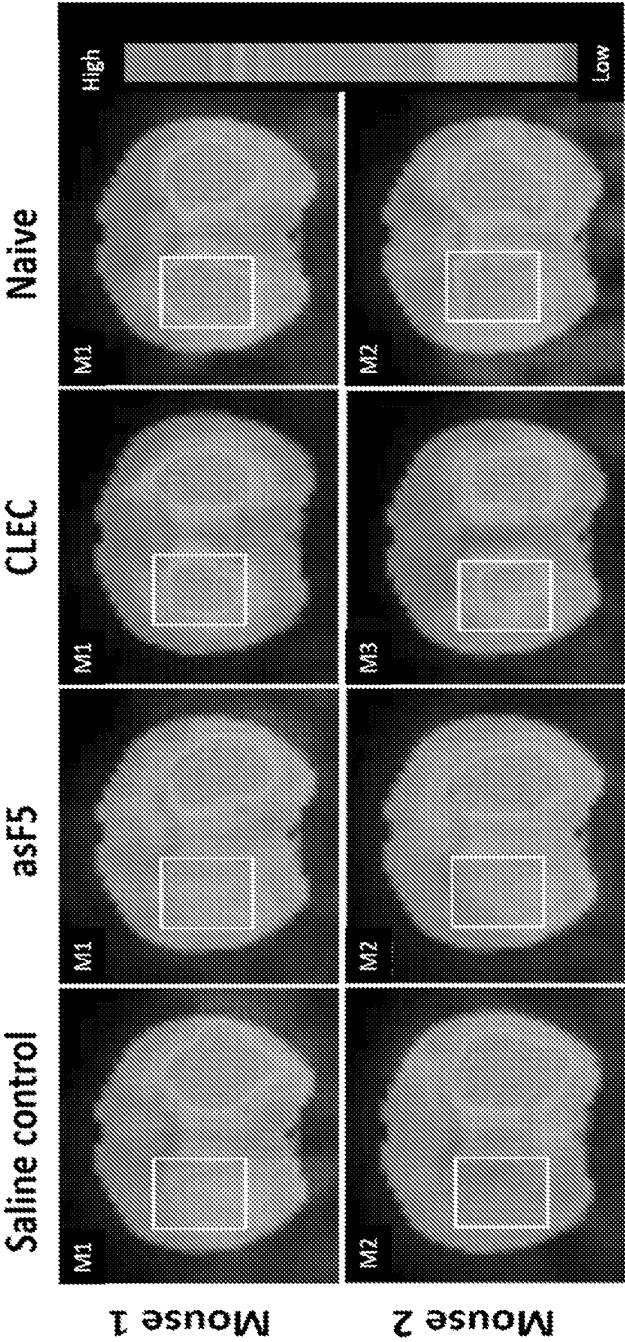


Figure 10:

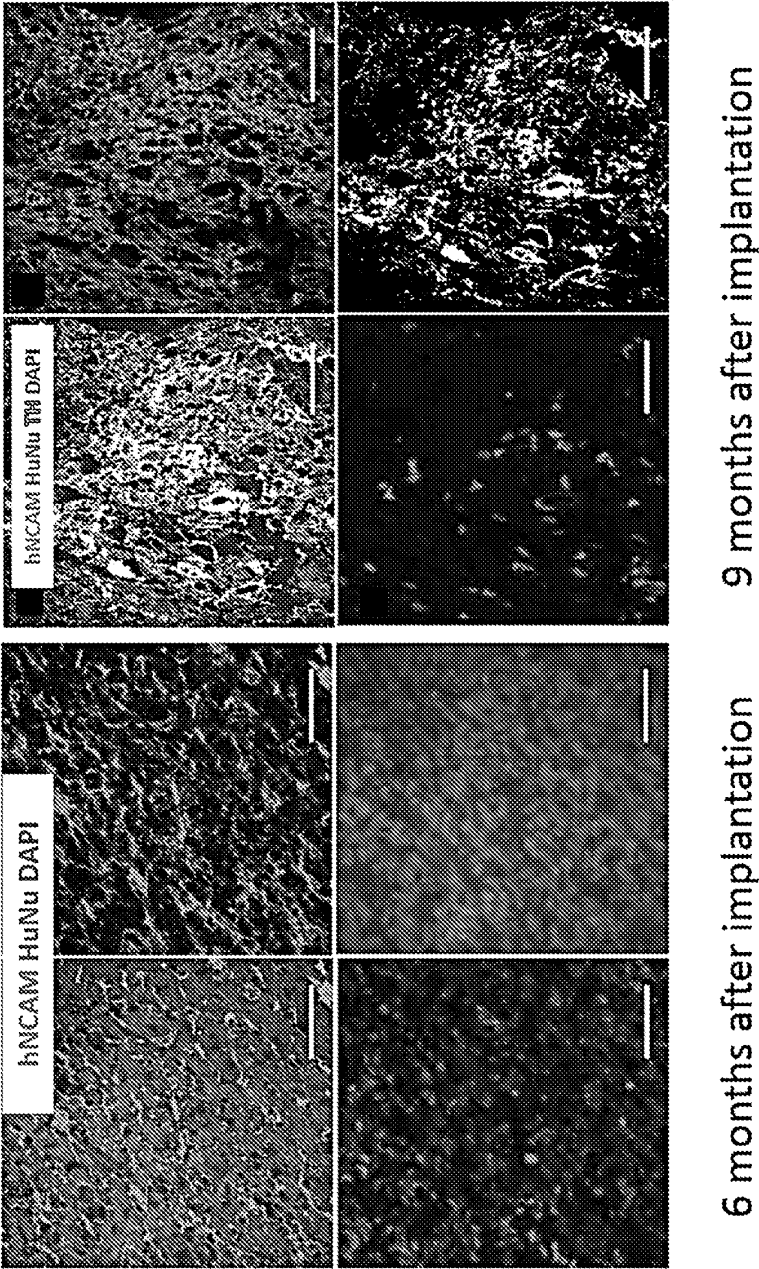


Figure 11:

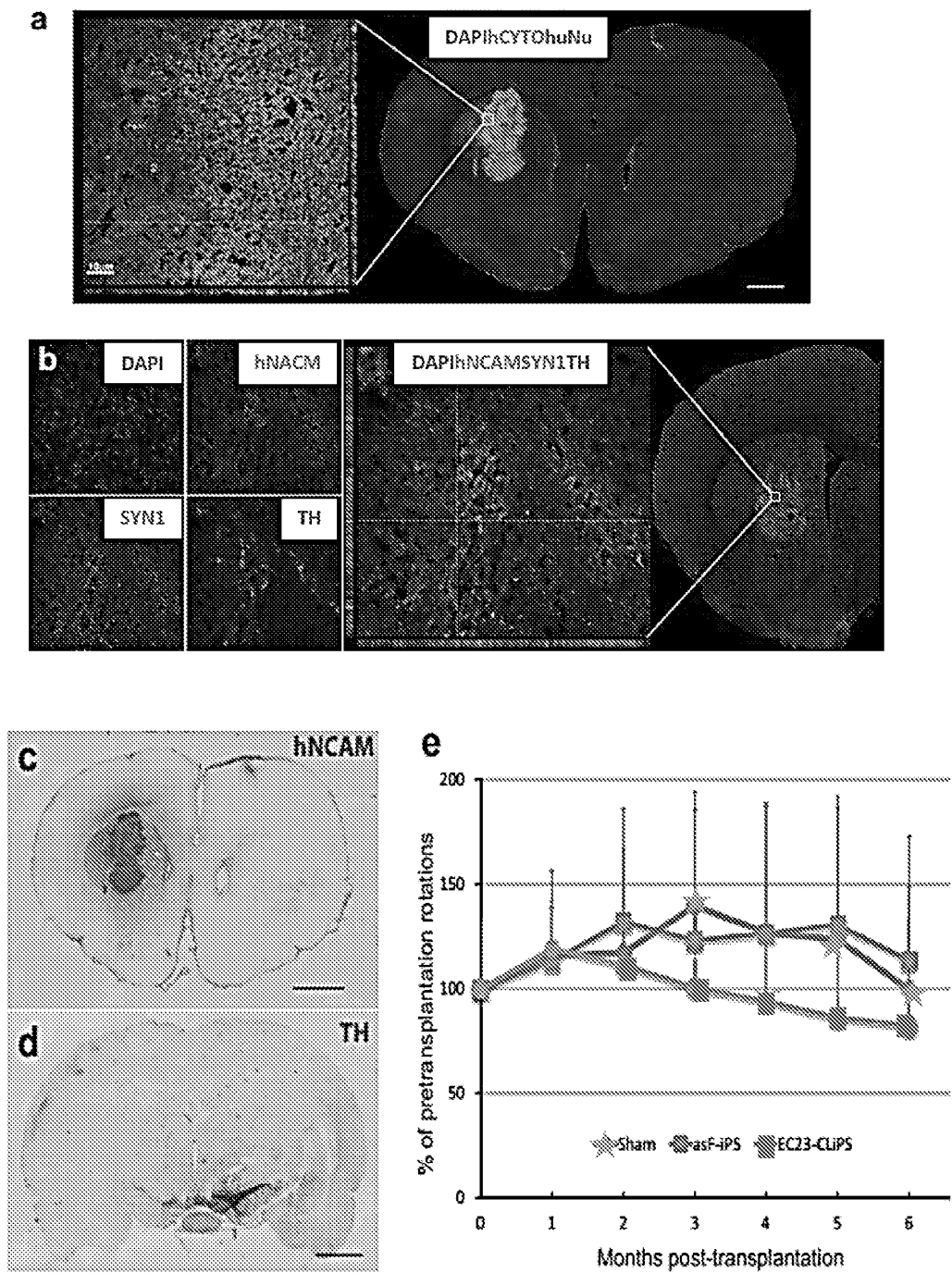


Figure 12a:

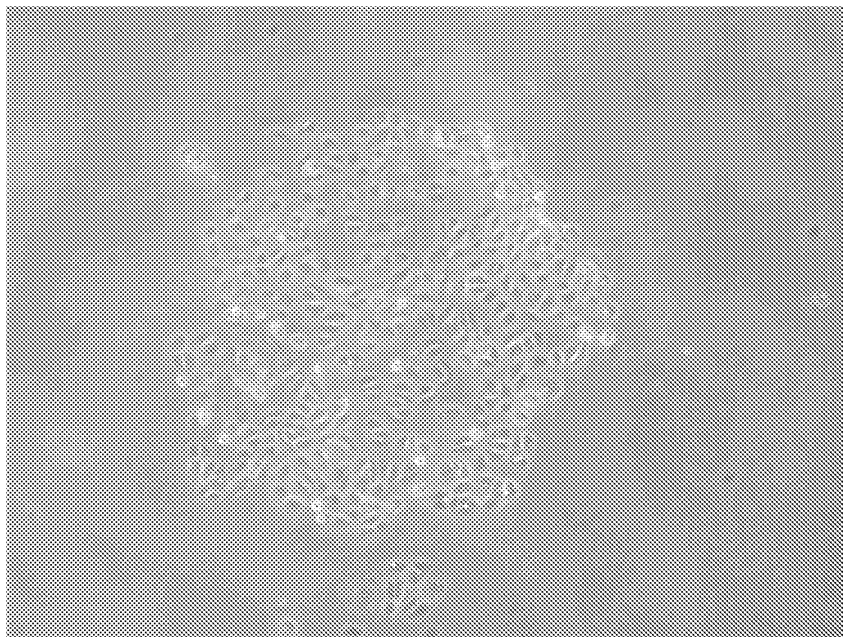


Figure 12b:

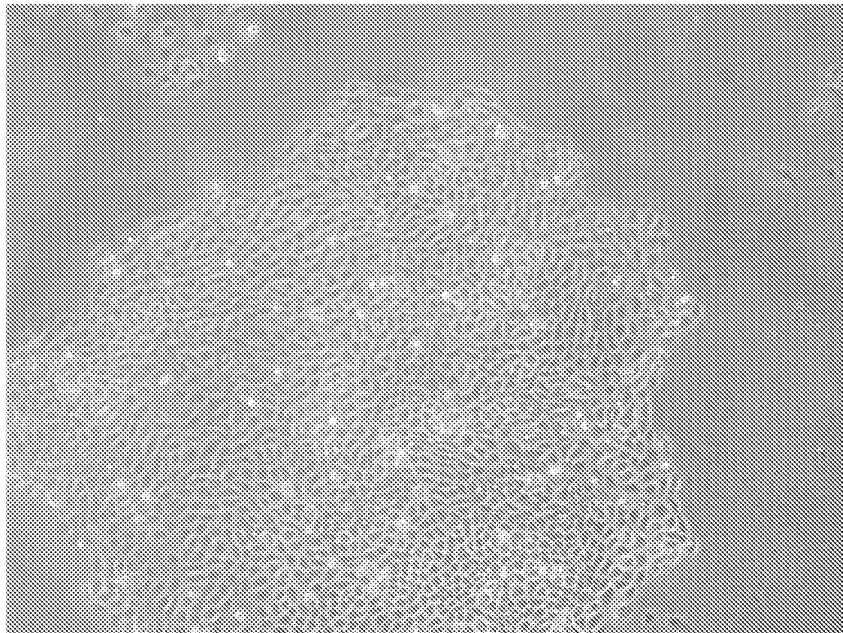


Figure 12c:

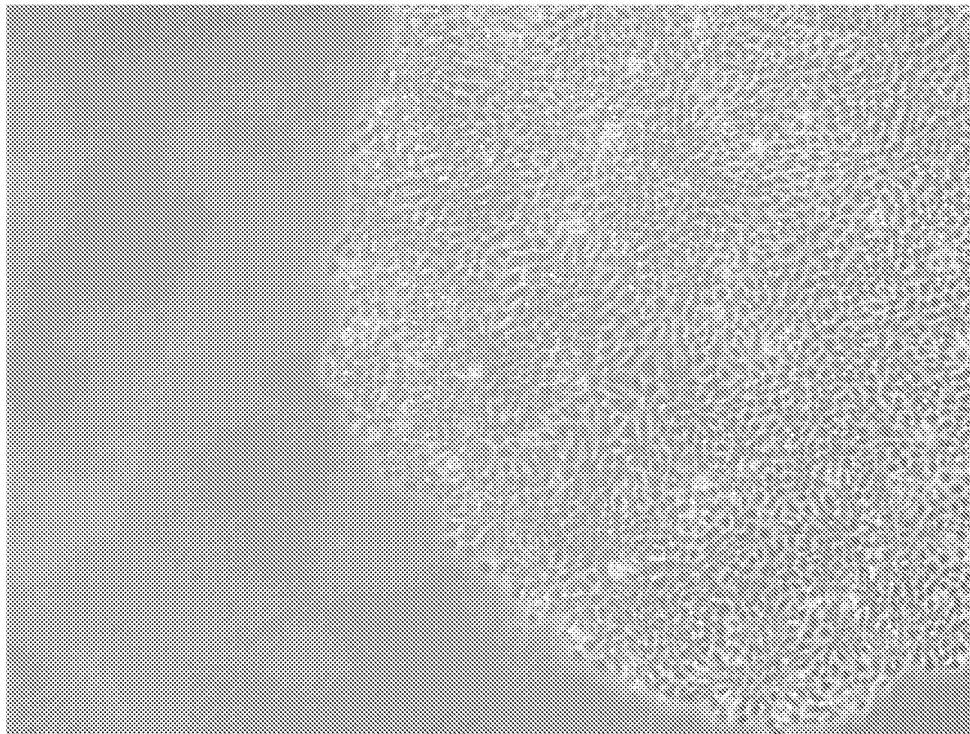


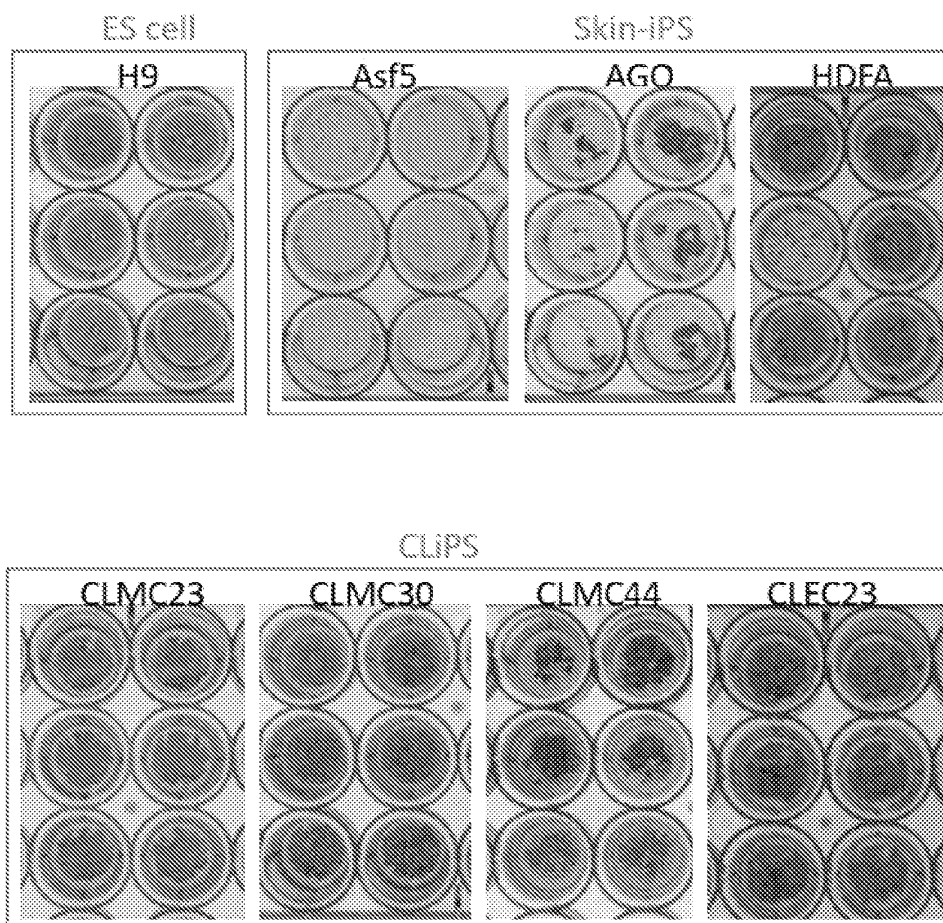
Figure 13:

Figure 14a:

Visual grading system for estimating RPE differentiation efficiency

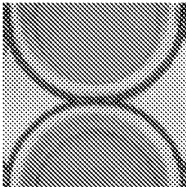
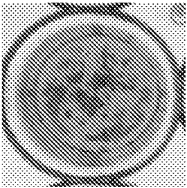
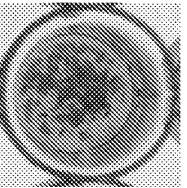
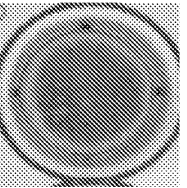
Pigmentation	0%	<30%	30-60%	>60%
Grade	0	1	2	3
Representative well				

Figure 14b:

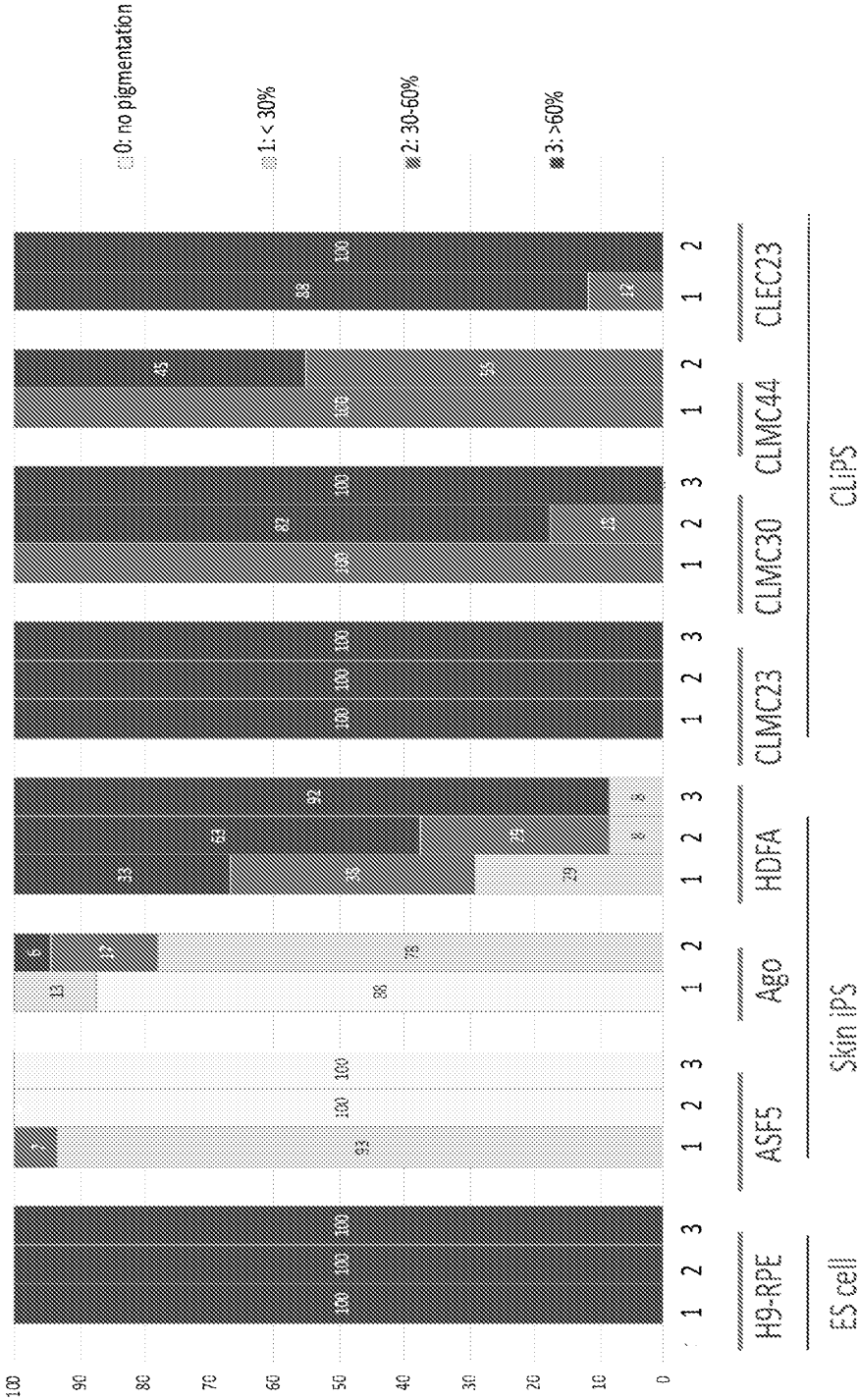


Figure 14c:

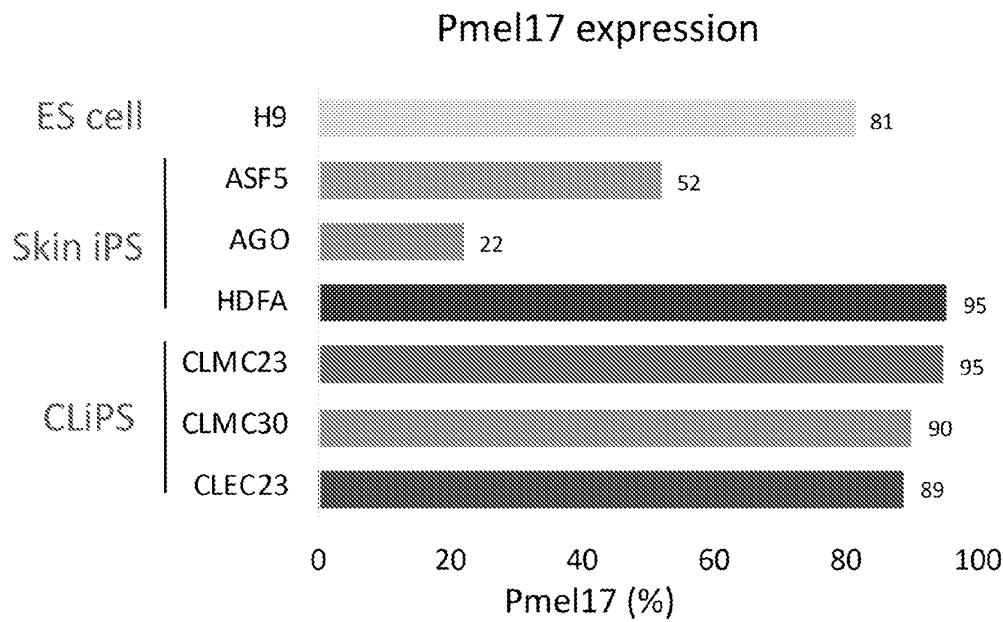


Figure 15a:

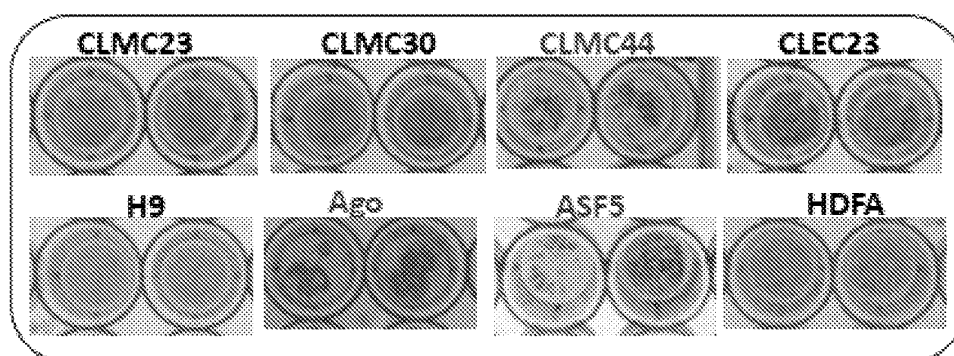


Figure 15b:

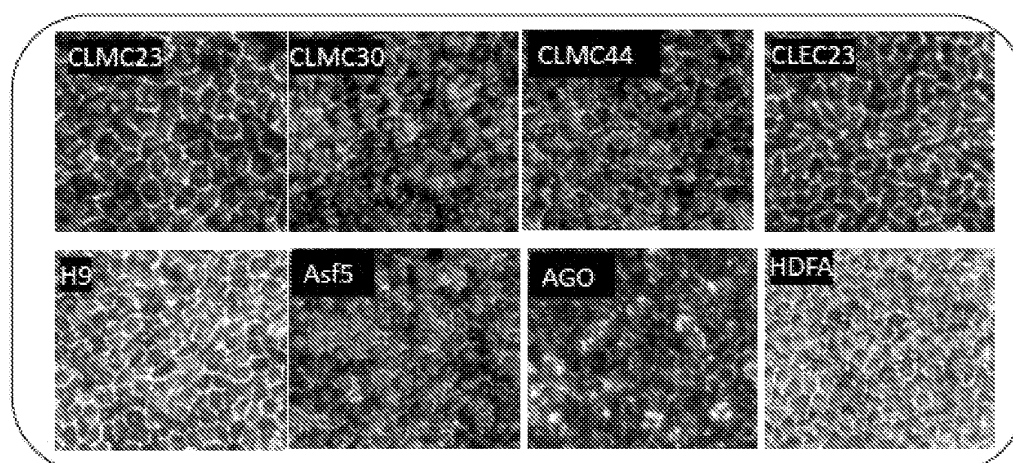


Figure 15c:

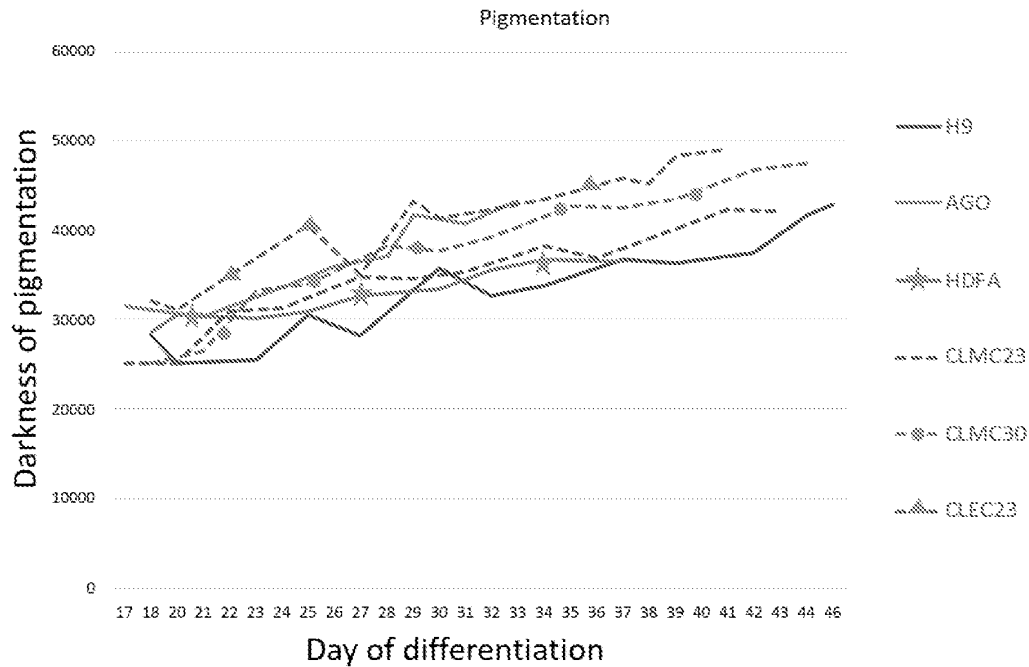


Figure 15d:

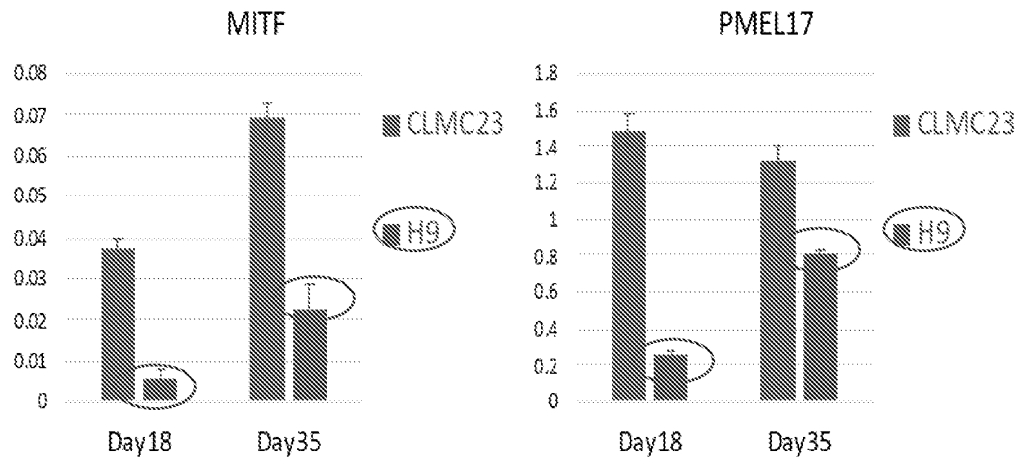


Figure 15d (cont.1):

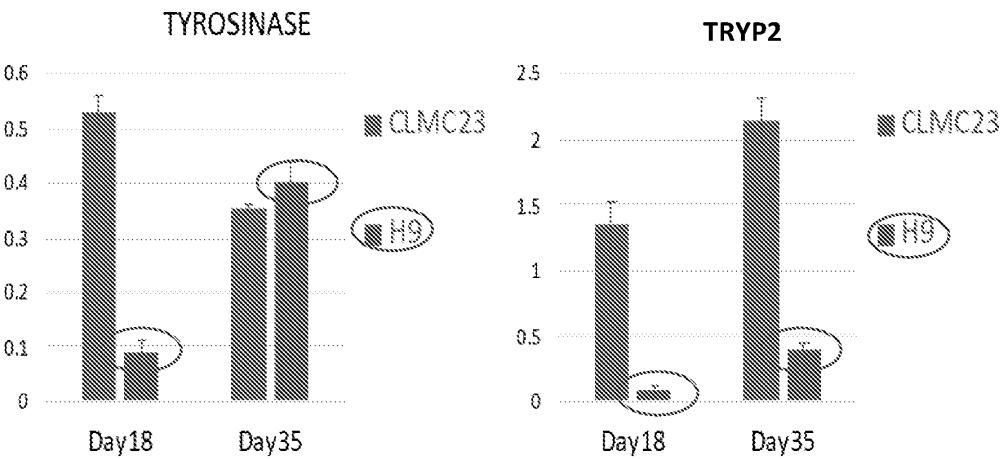


Figure 16:

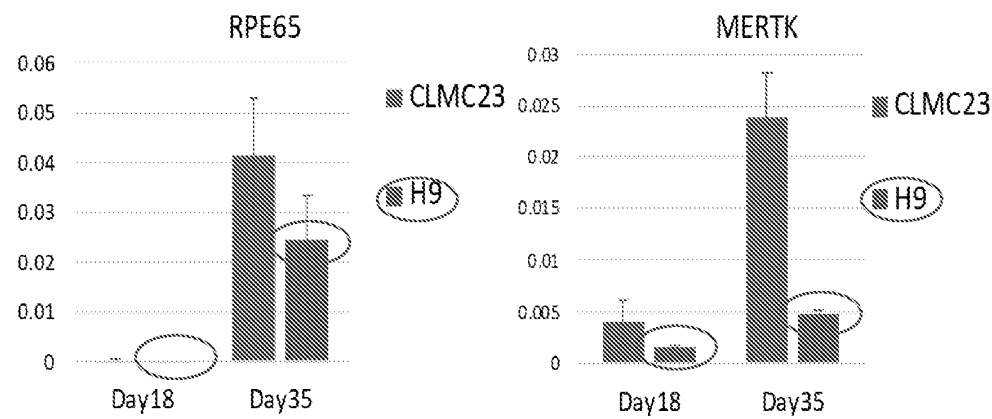


Figure 17a:

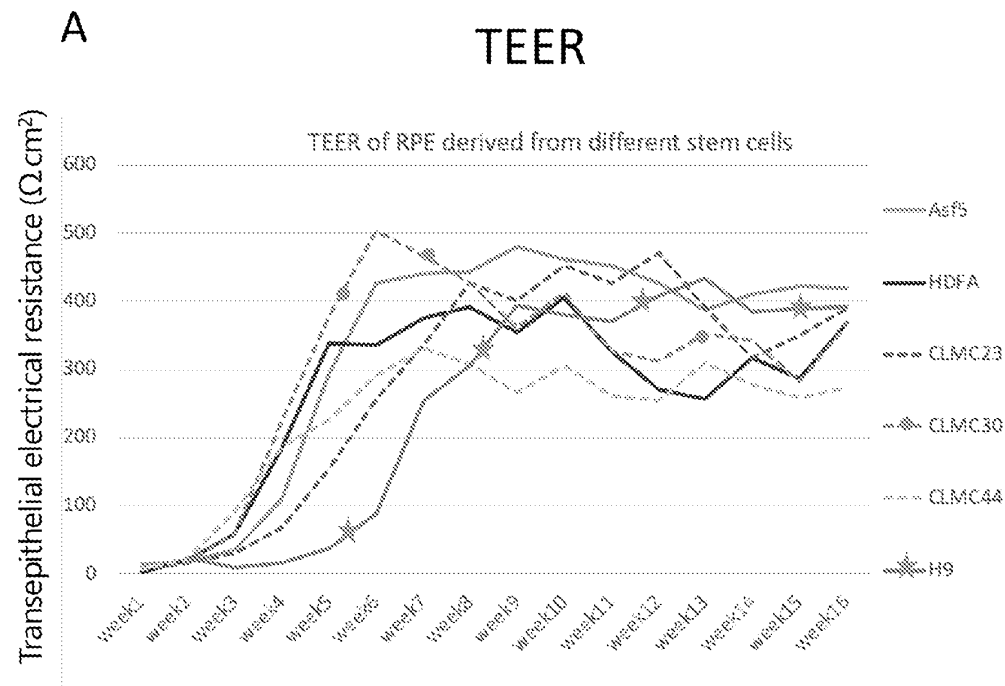


Figure 17b:

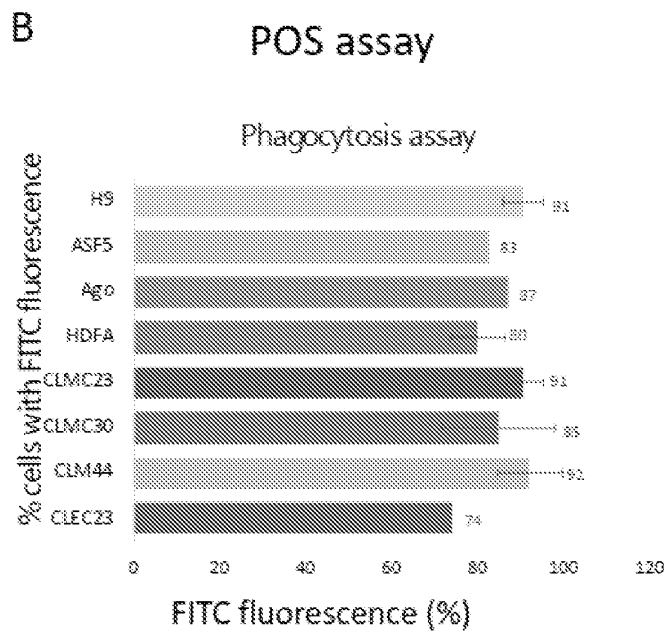
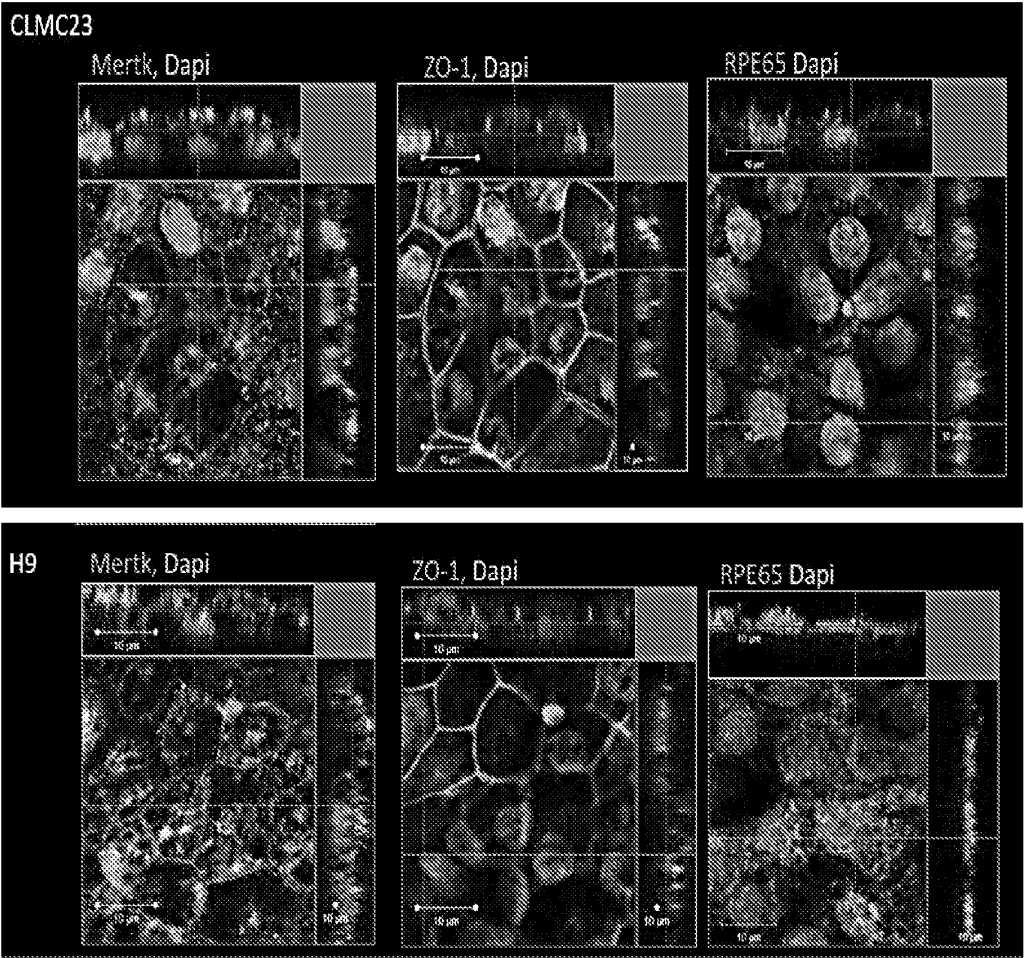


Figure 18:



Figures 19a and b:

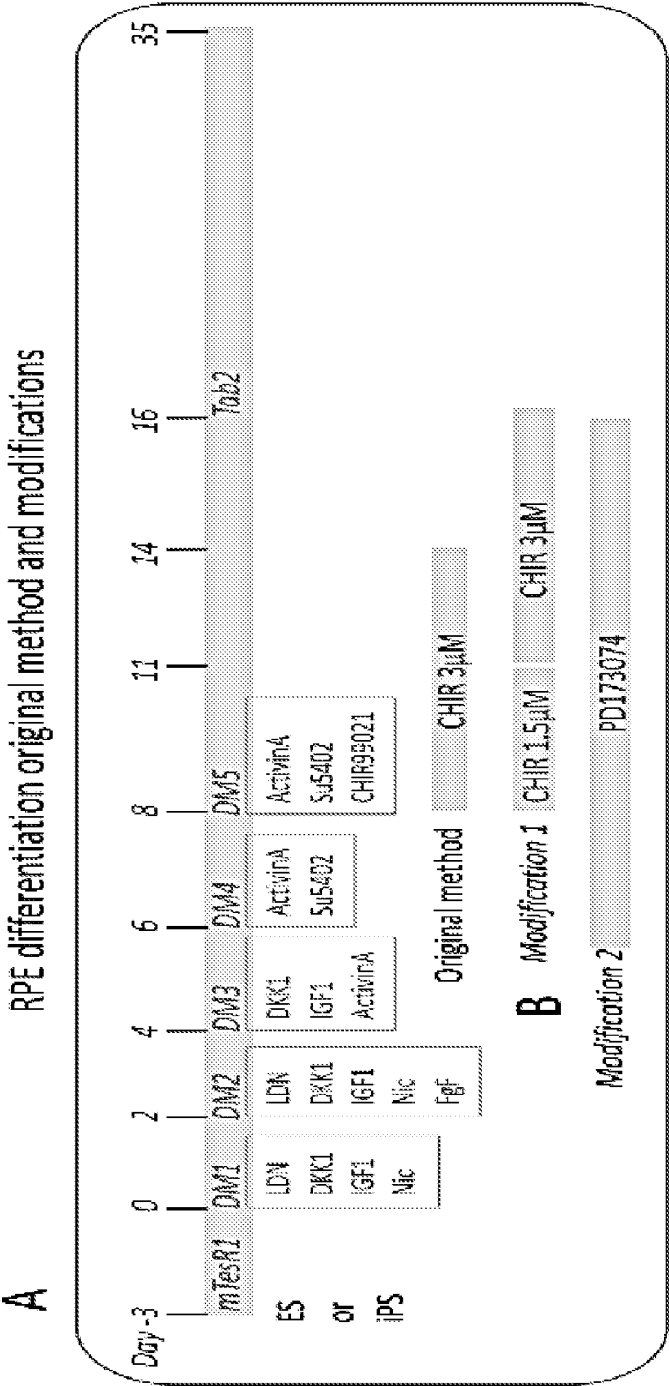


Figure 19c:

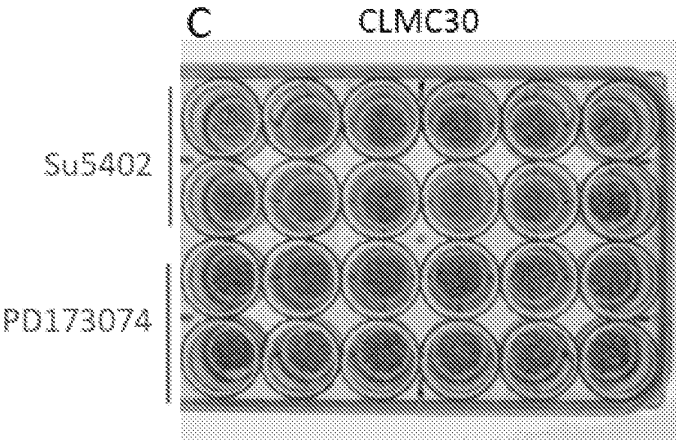


Figure 19d:

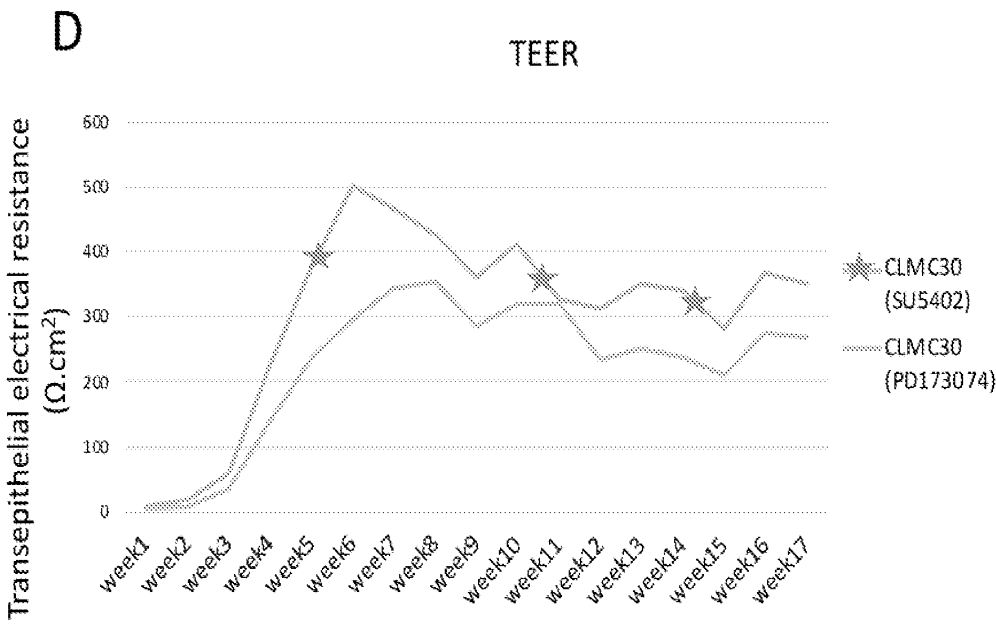


Figure 19e:

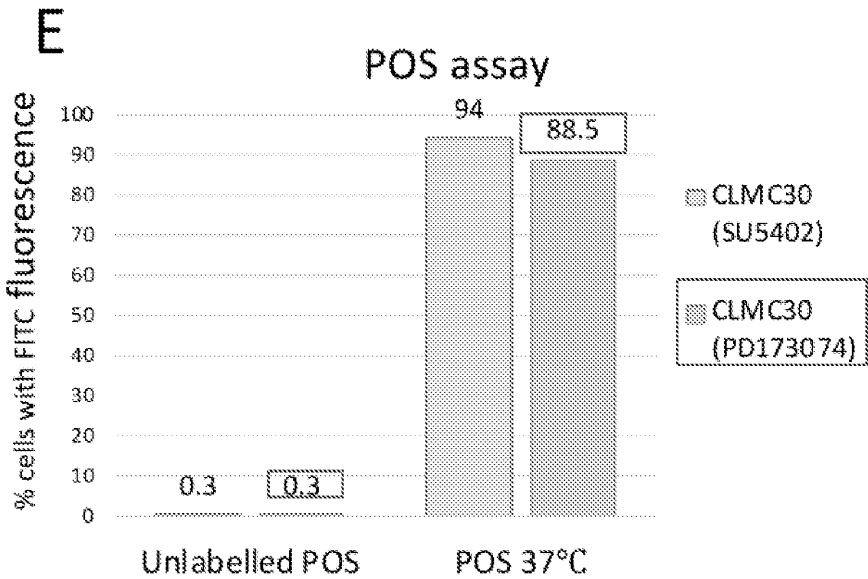


Figure 20a:

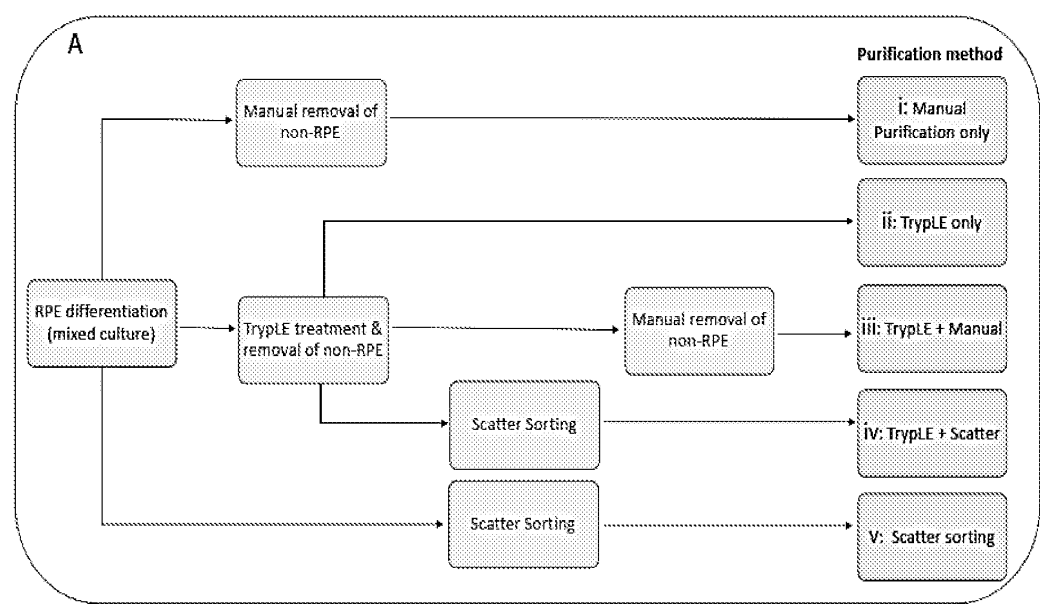


Figure 20b:

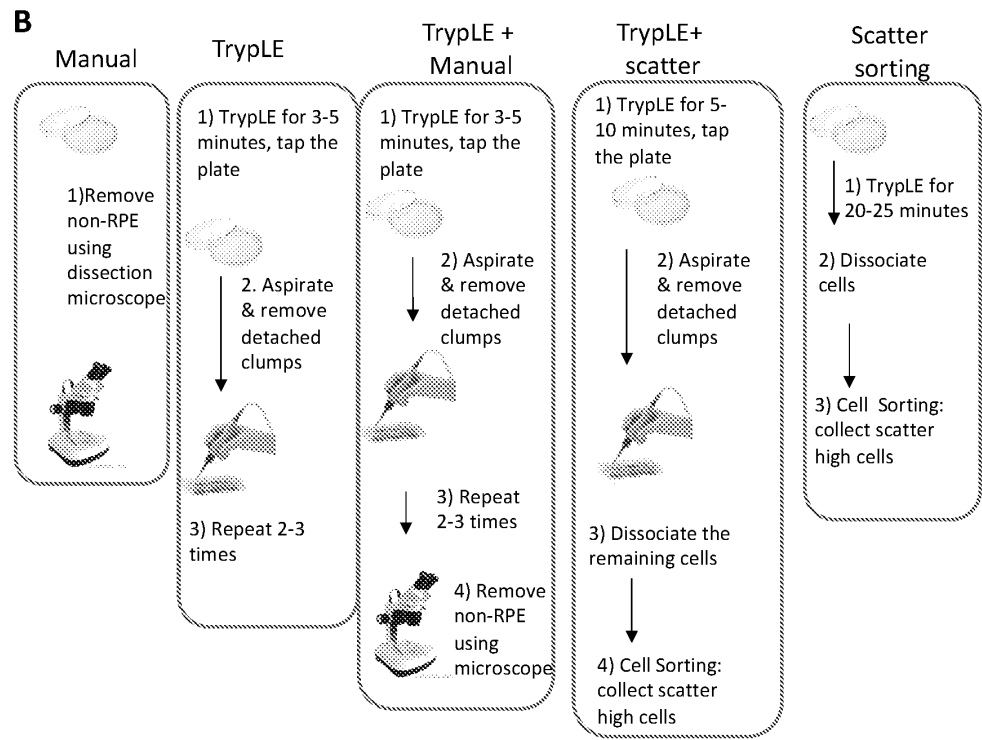


Figure 20c:

Scatter high gate
arbitrarily chosen

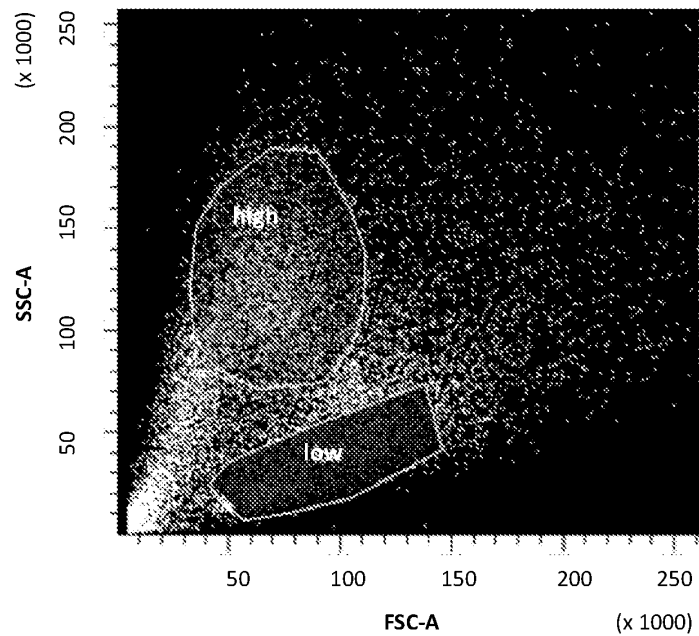
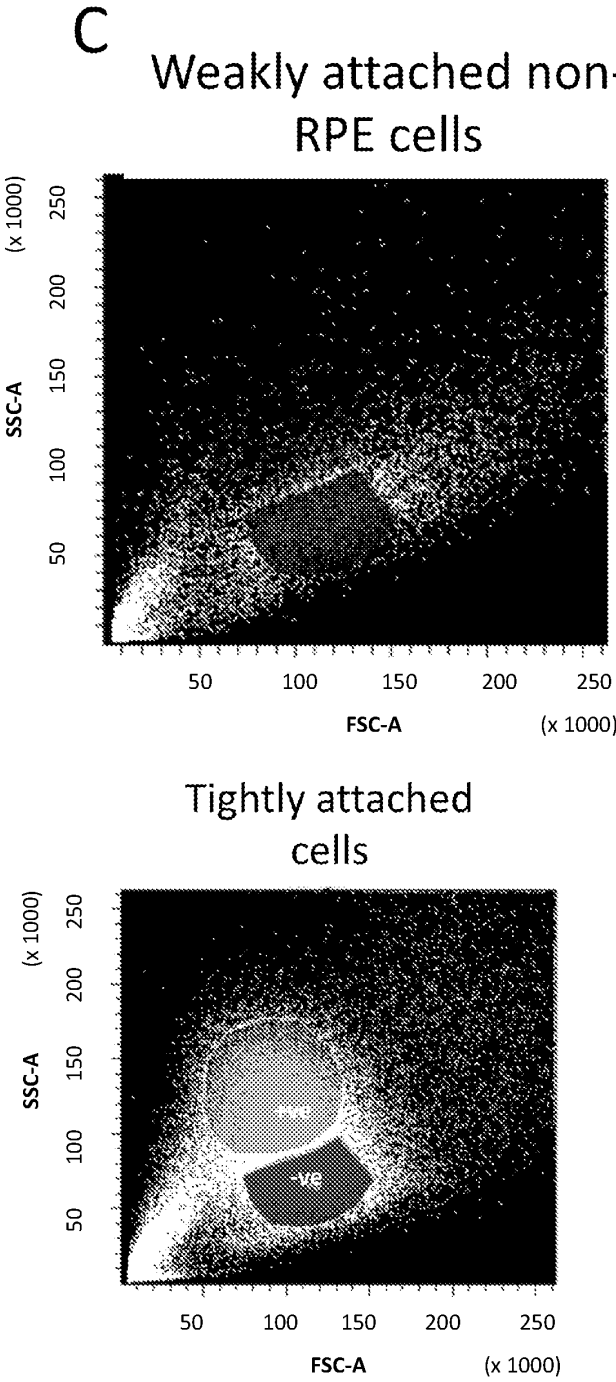


Figure 20d:



Figures 20e and f:

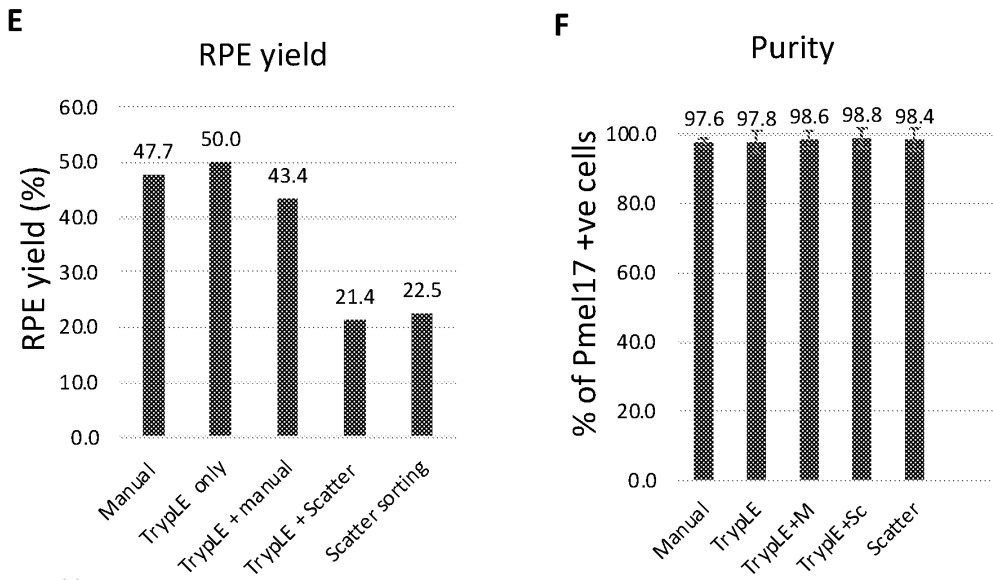


Figure 20g:

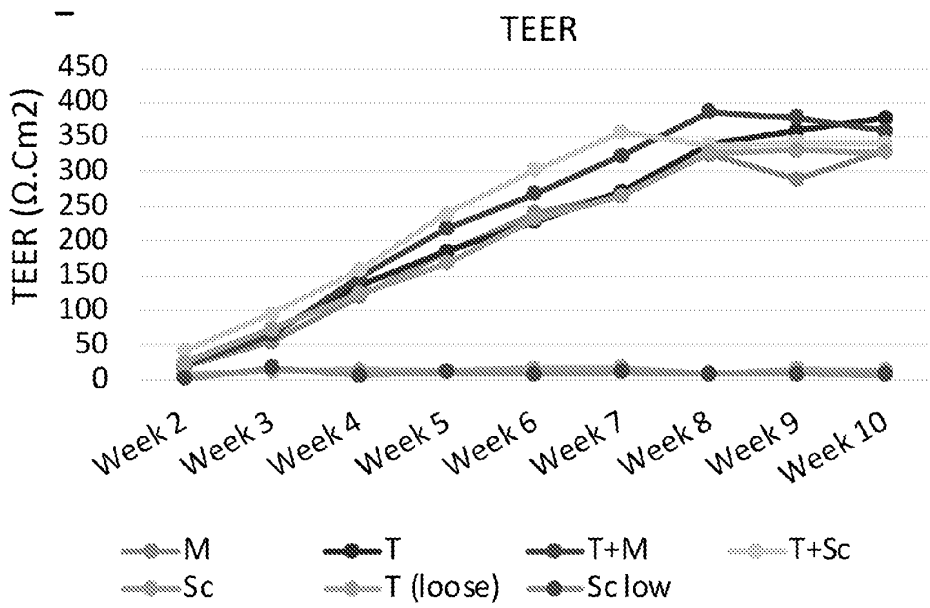


Figure 20h:

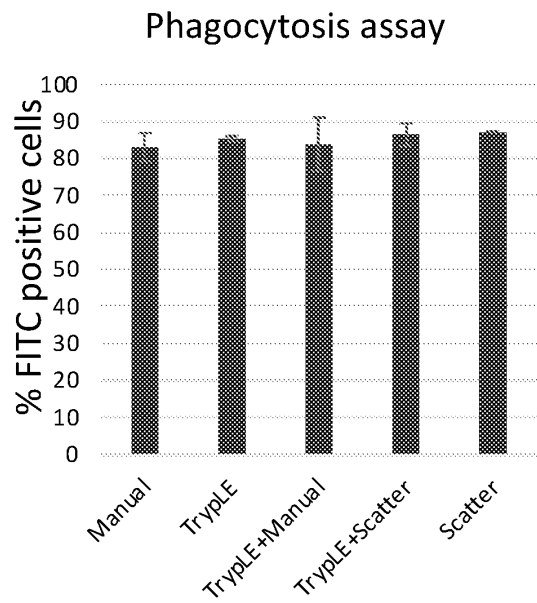


Figure 20i:

Characteristics	Manual	TrypLE	TrypLE+Manual	TrypLE+Scatter	Scatter
Yield (%)	50	47.7	43.4	21.4	22.5
Purity (Pmel17 %)	98	96	97	96	94
TEER at week 10	330	377	360	341	328
Time needed for purification	++++	+	++	+++	++++

Figure 20j:

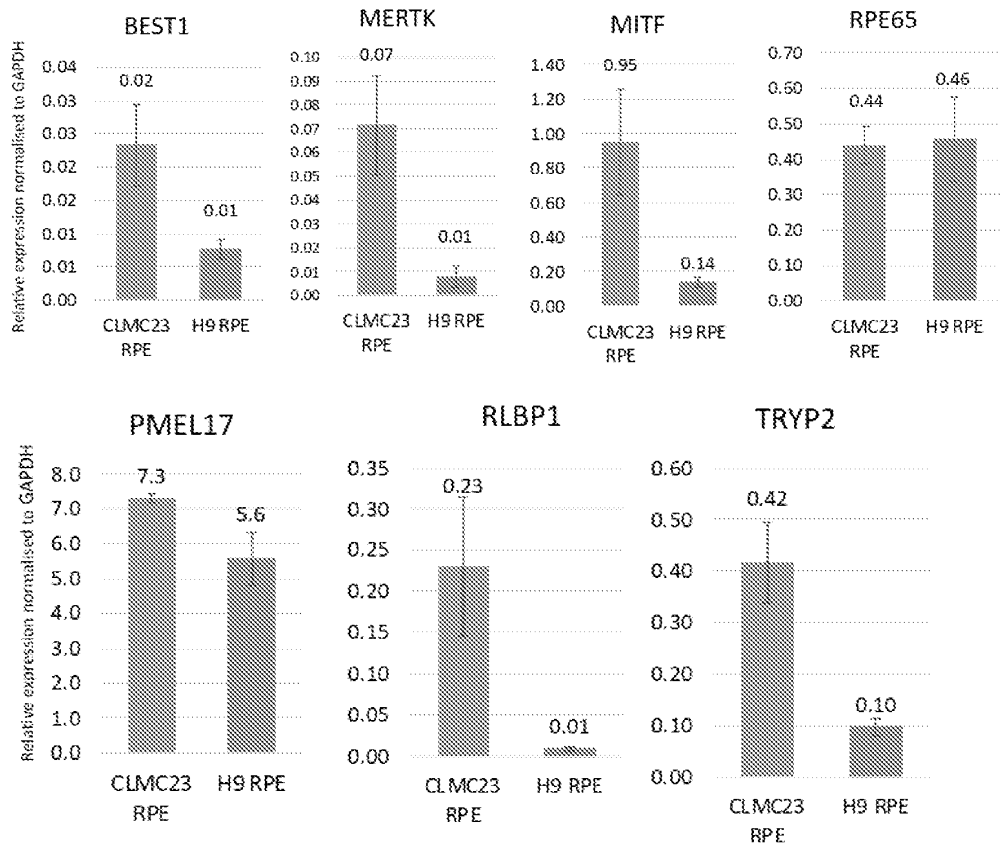
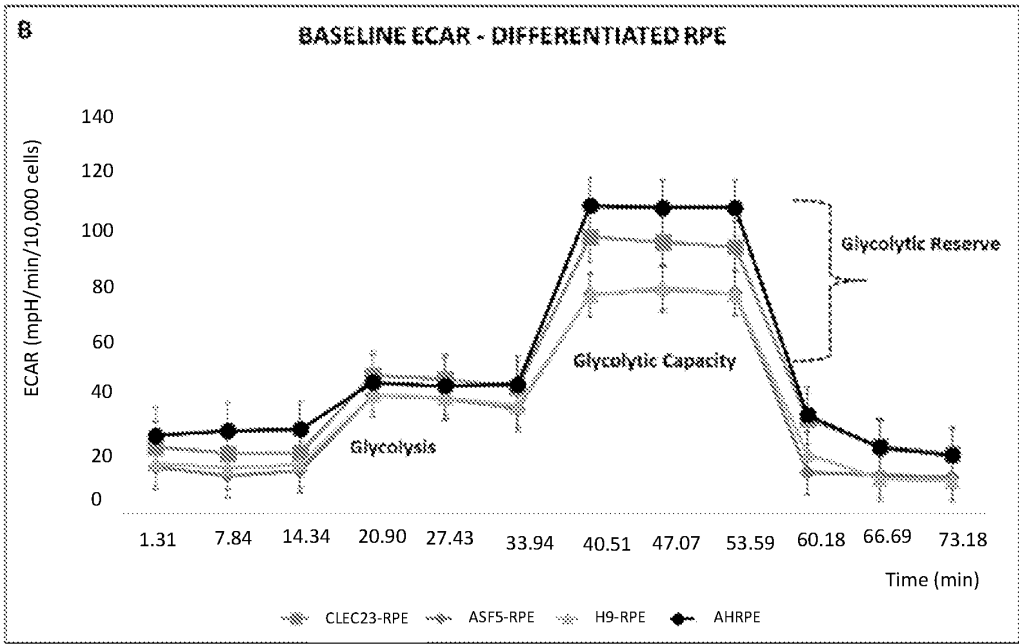
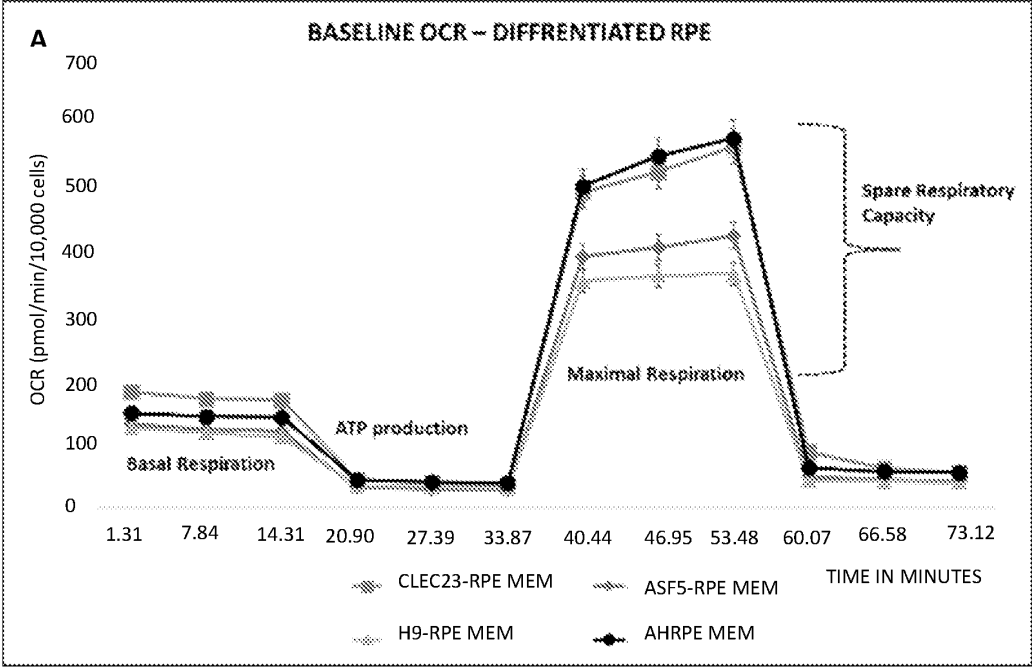


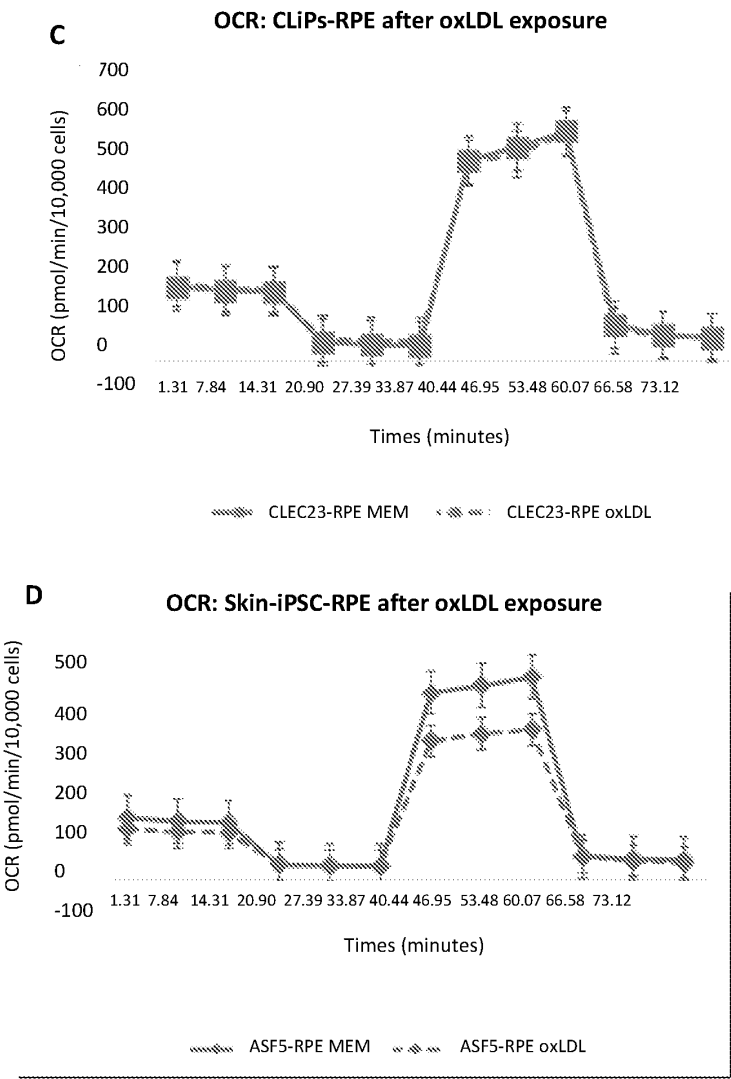
Figure 20k:

Gene	Fold increase in CLMC23
BEST1	3.0
MERTK	9.1
MITF	6.8
RPE65	0.96
PMEL17	1.3
RLBP1	26.2
TRYP2	4.3

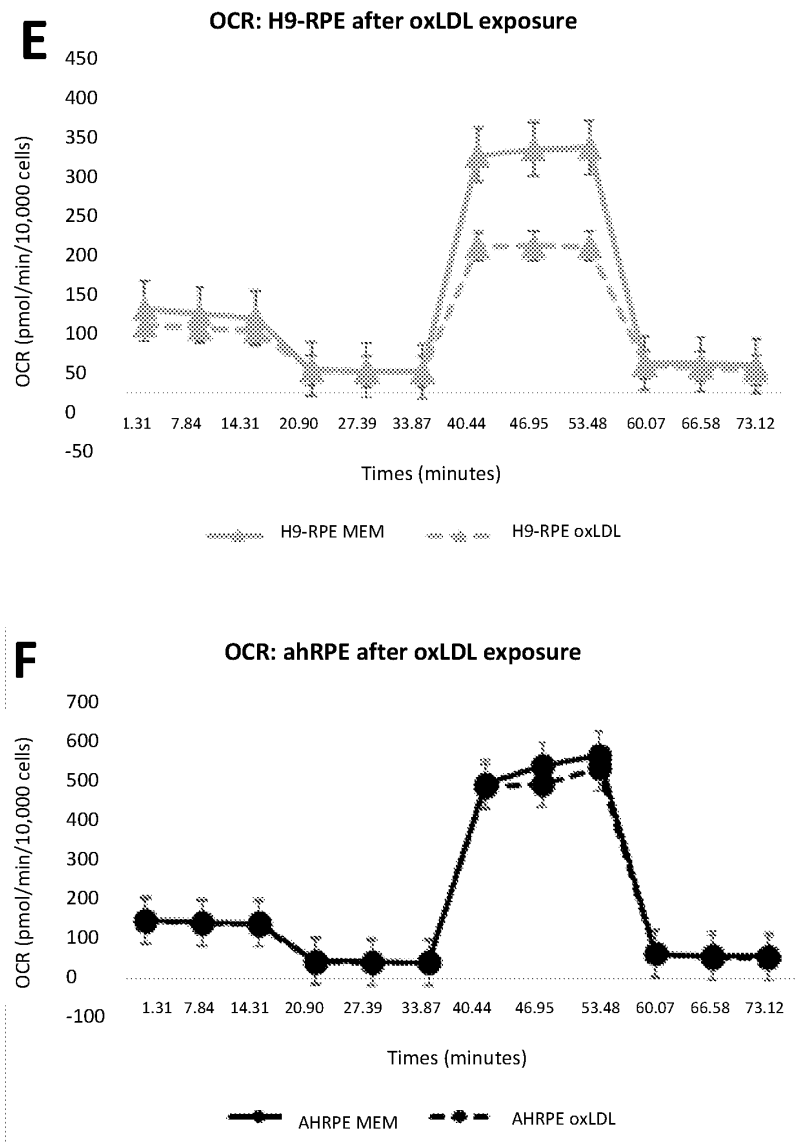
Figures 21a and b:



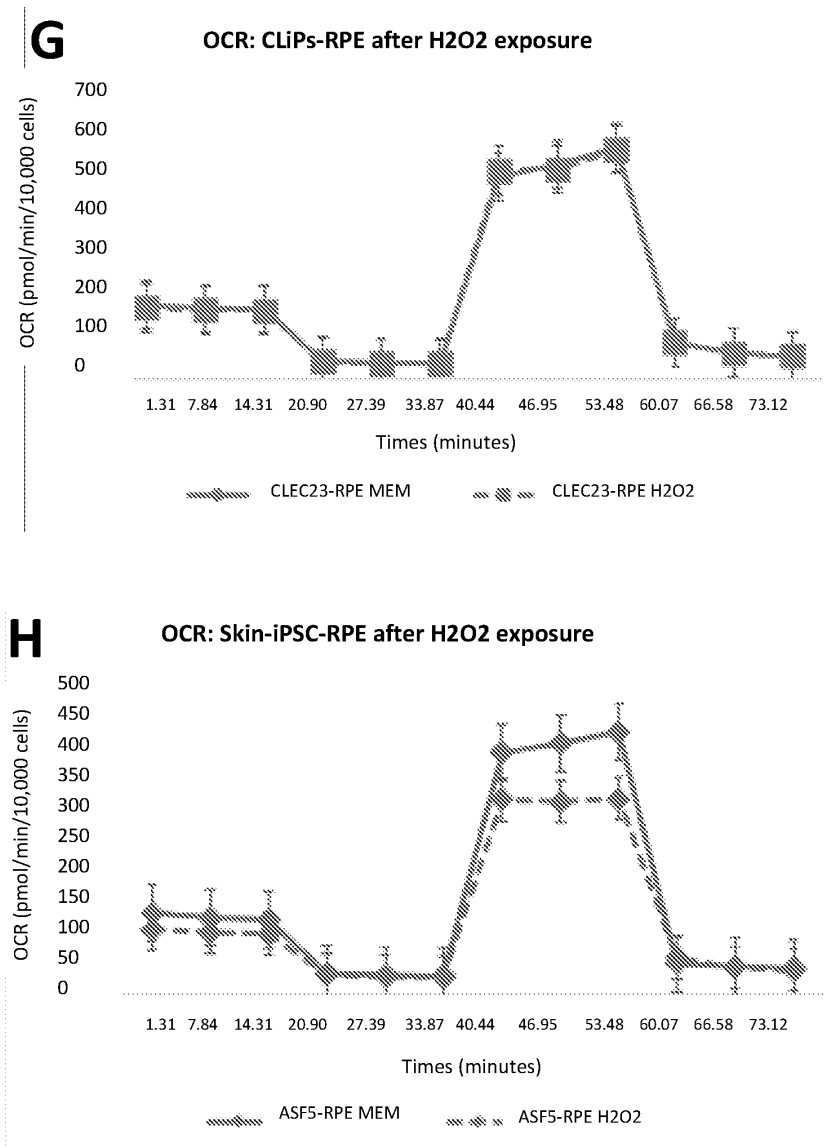
Figures 21c and d:



Figures 21e and f:



Figures 21g and h:



Figures 21i and j:

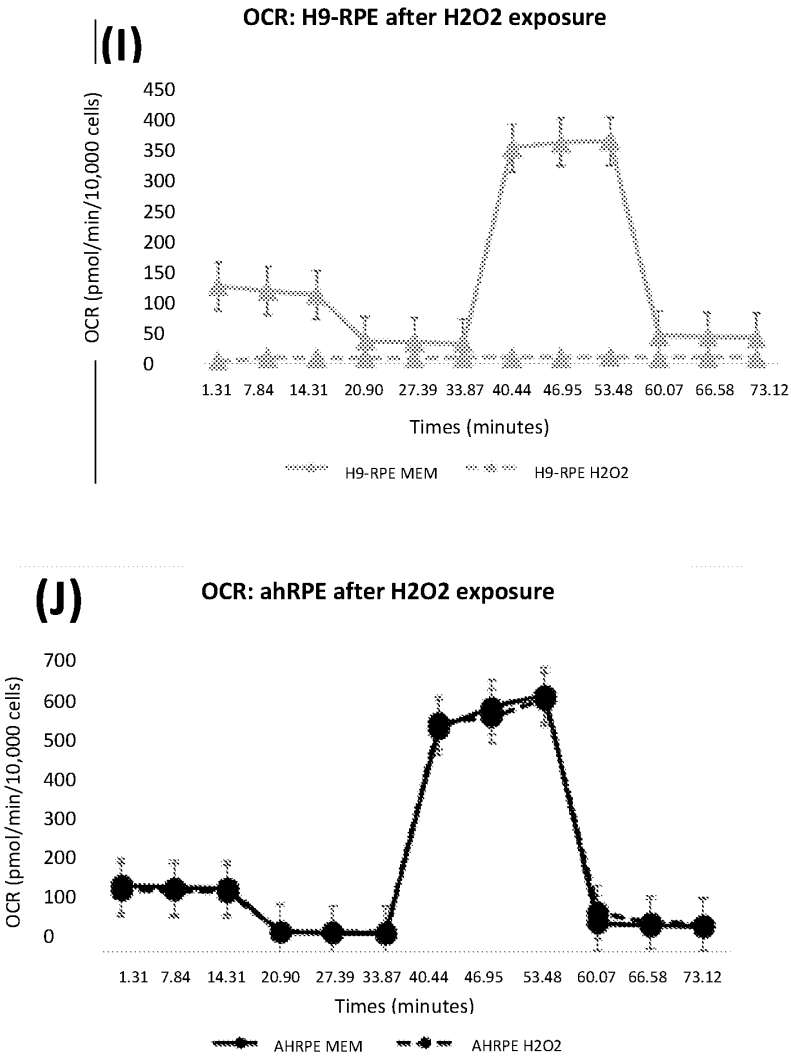


Figure 22a:

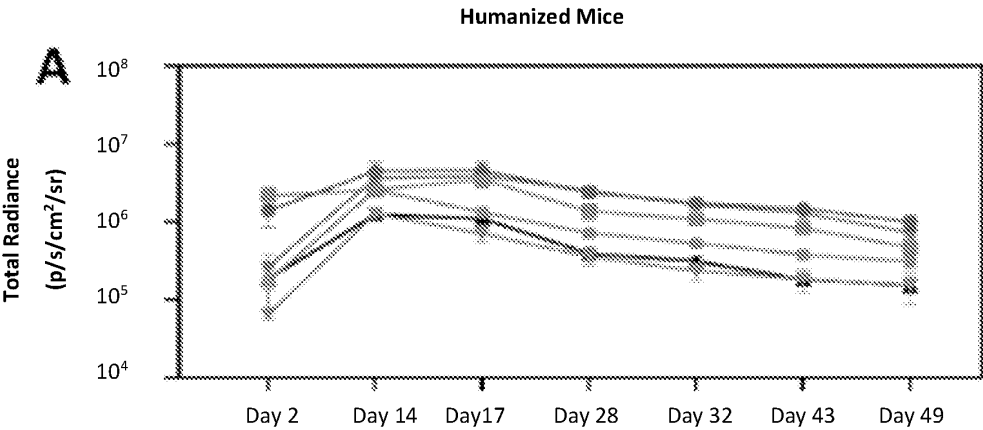


Figure 22b:

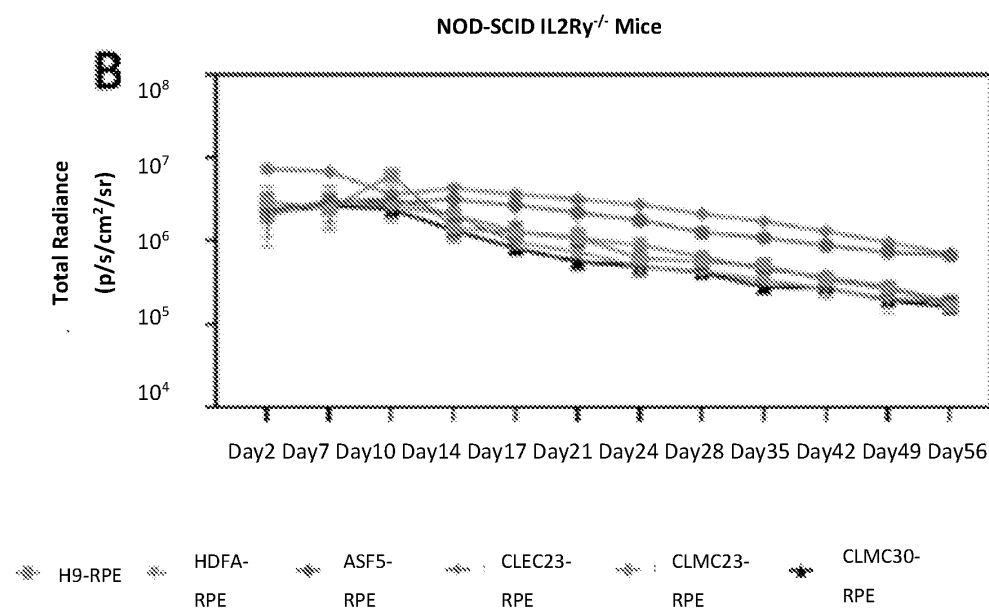


Figure 22c:

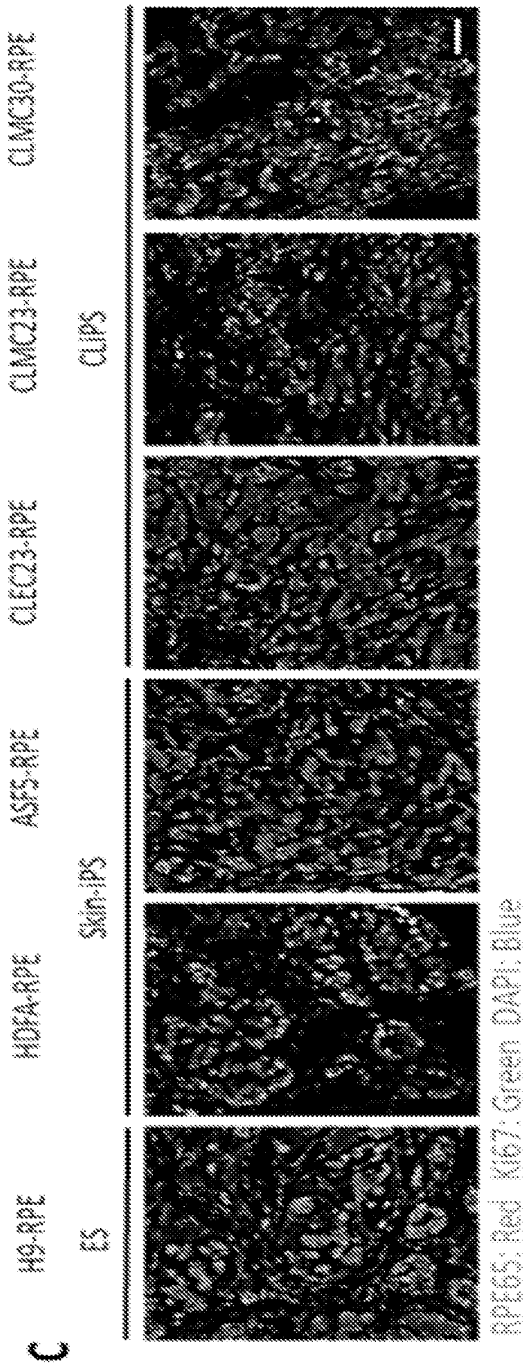


Figure 23a:

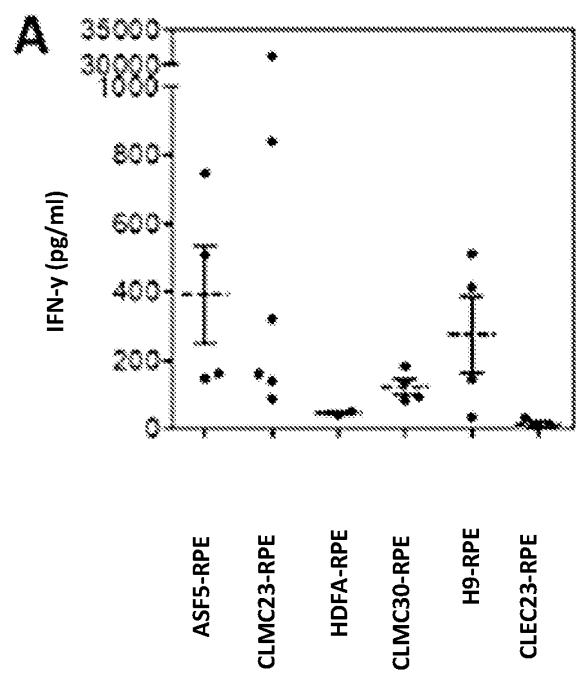


Figure 23b:

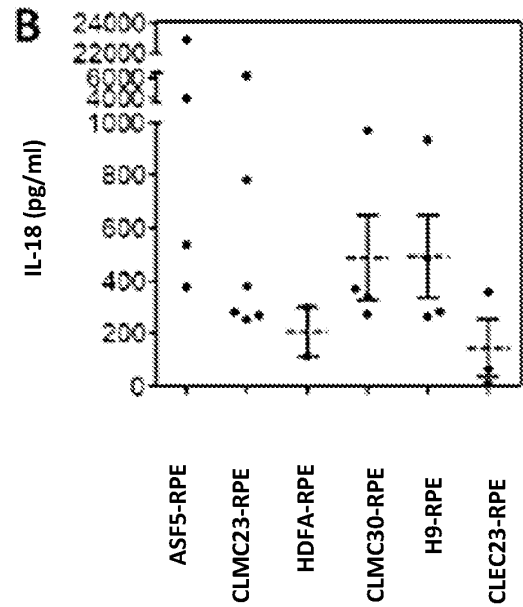


Figure 23c:

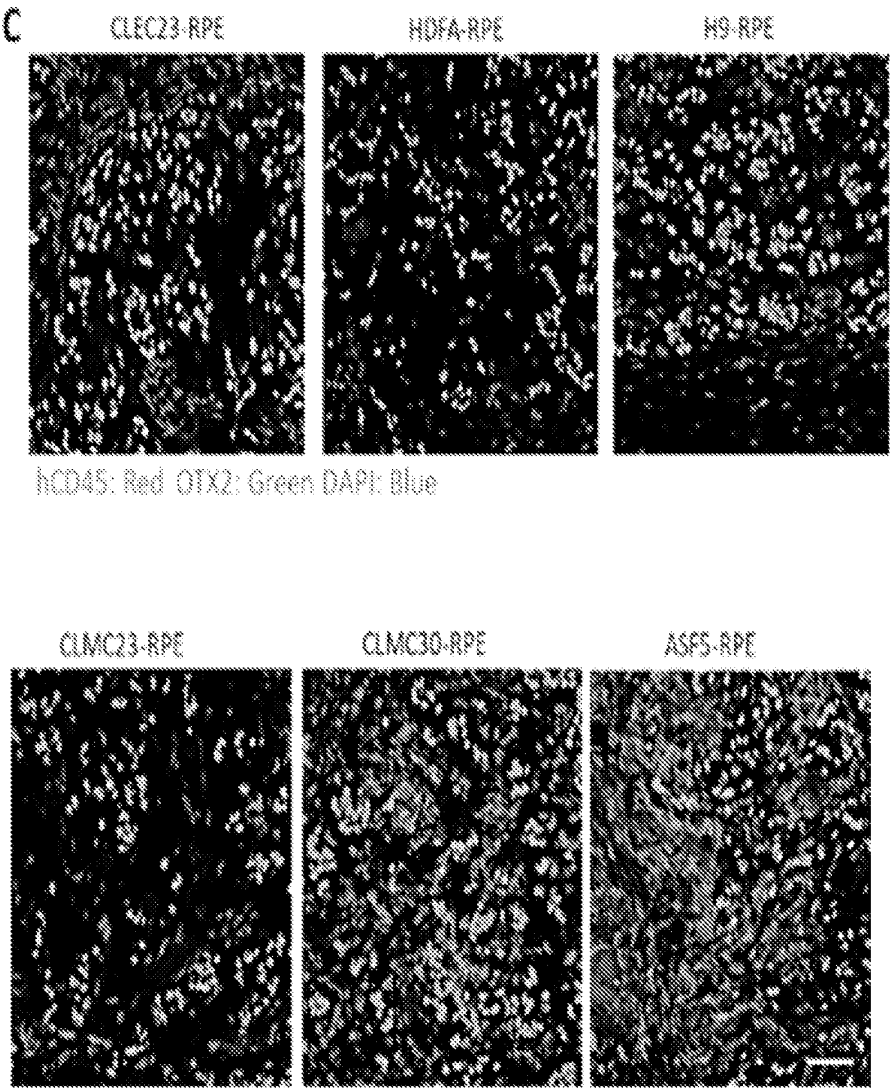


Figure 23d:

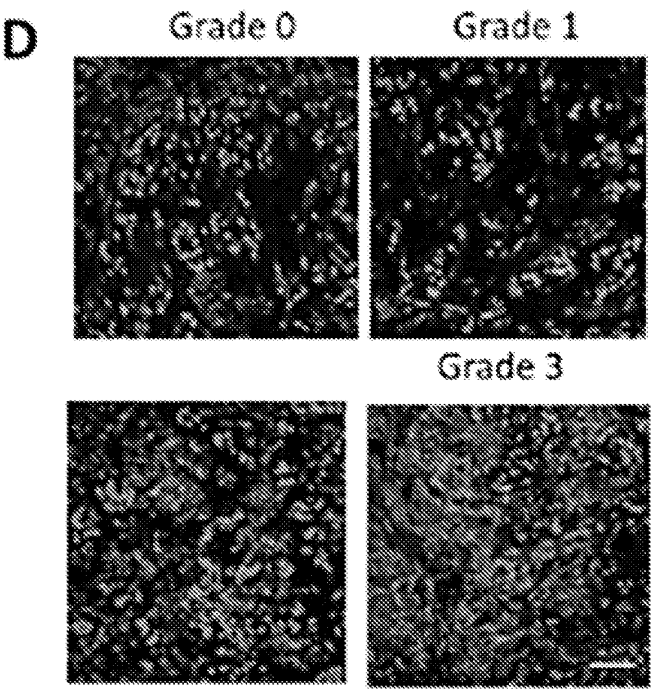


Figure 23e:

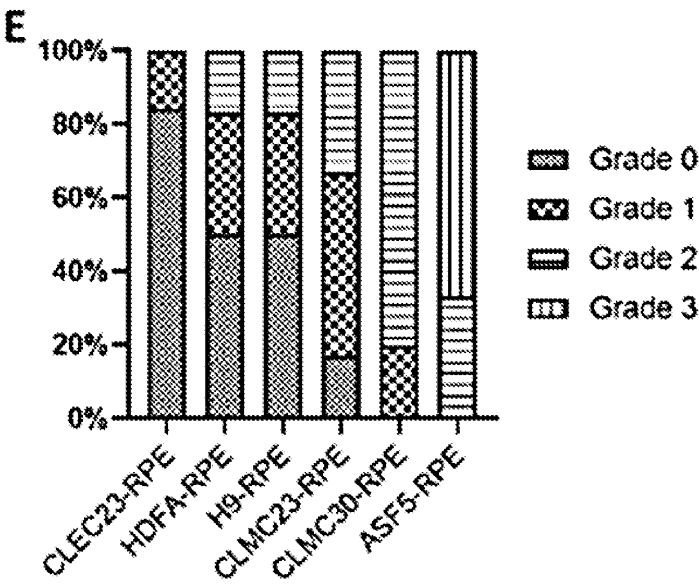


Figure 24a:

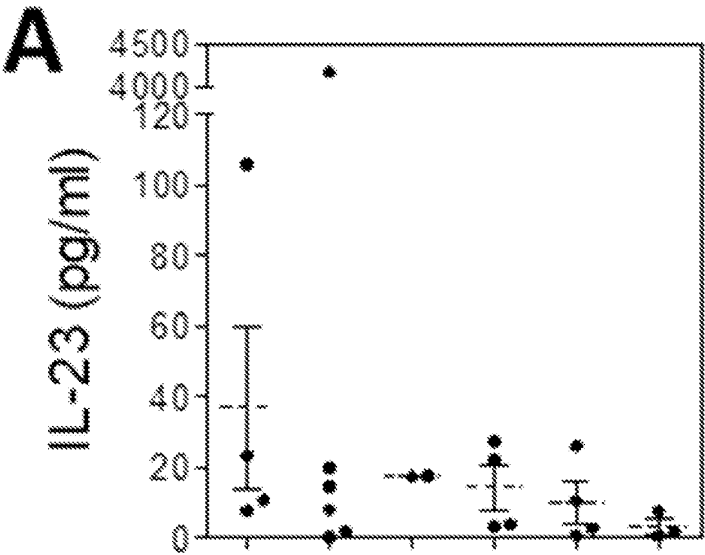


Figure 24b:

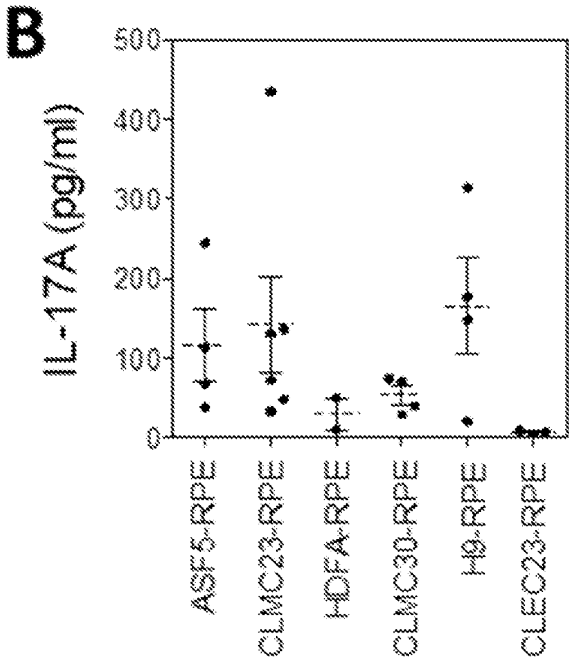


Figure 24c:

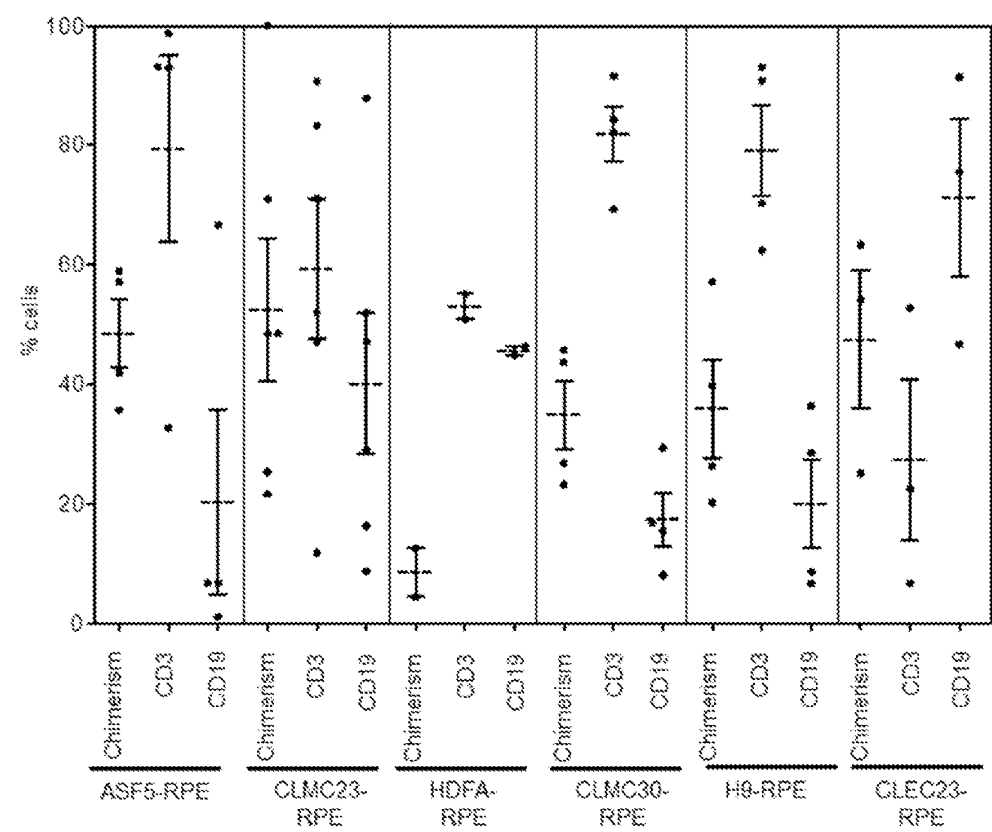


Figure 24d:

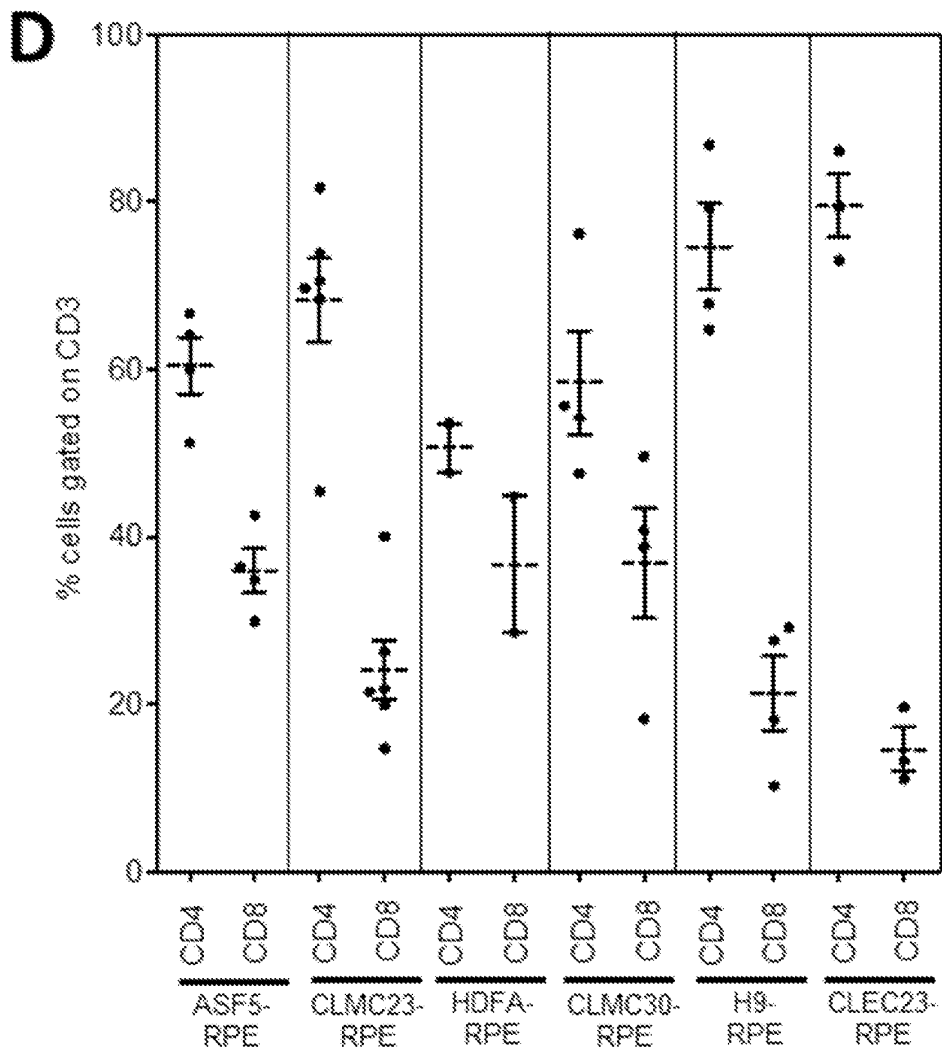


Figure 24e:

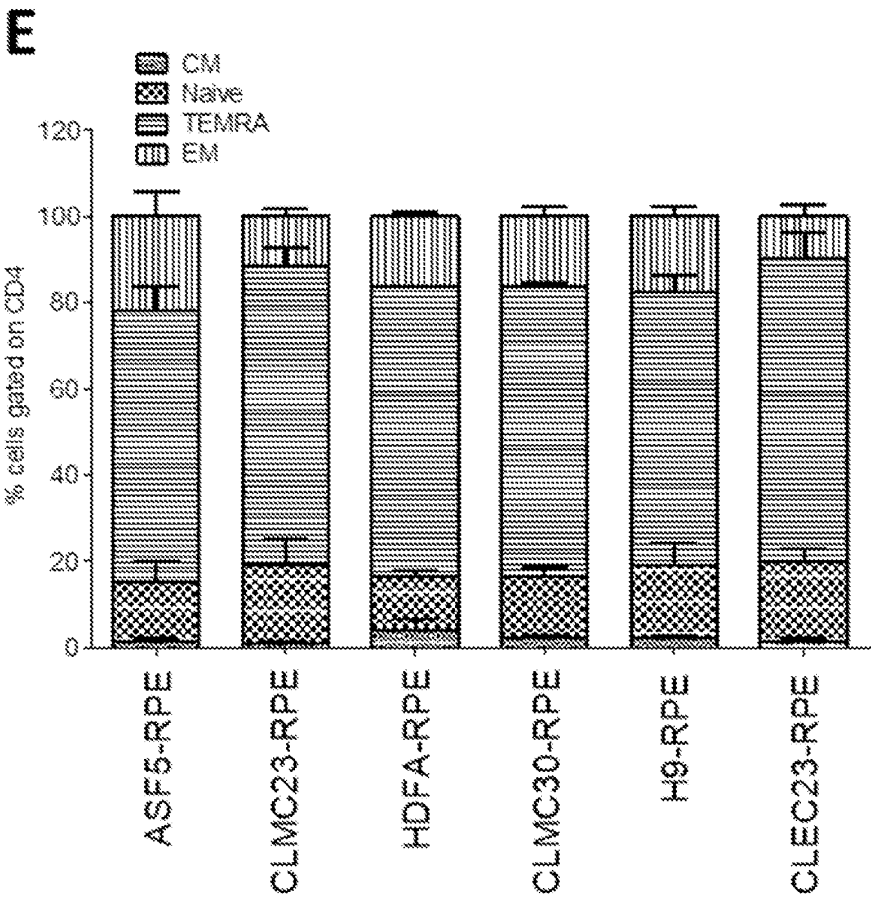


Figure 24f:

