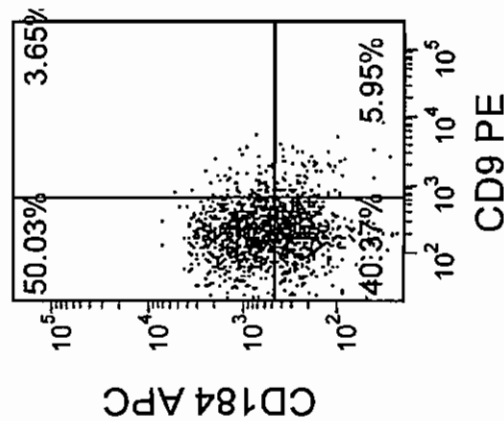
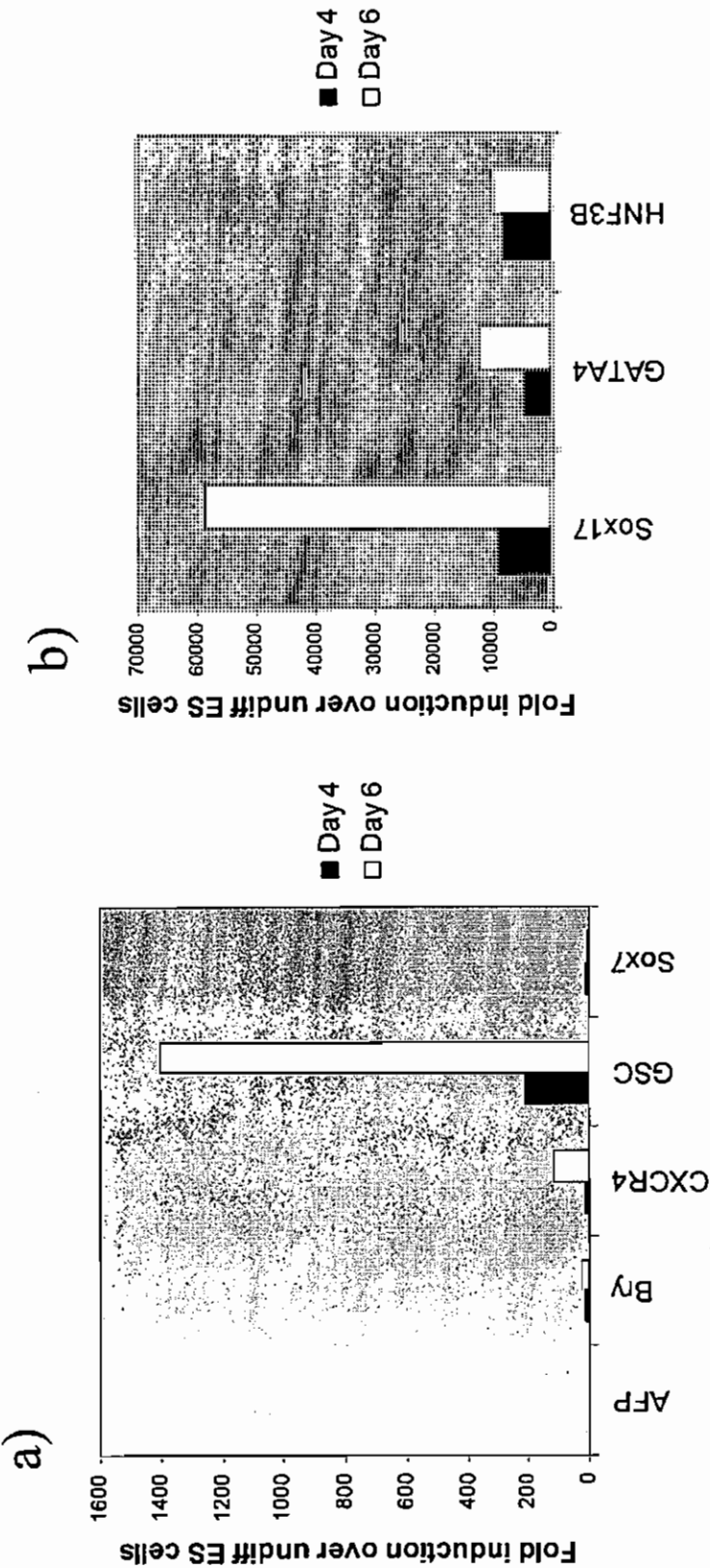


Figure 1



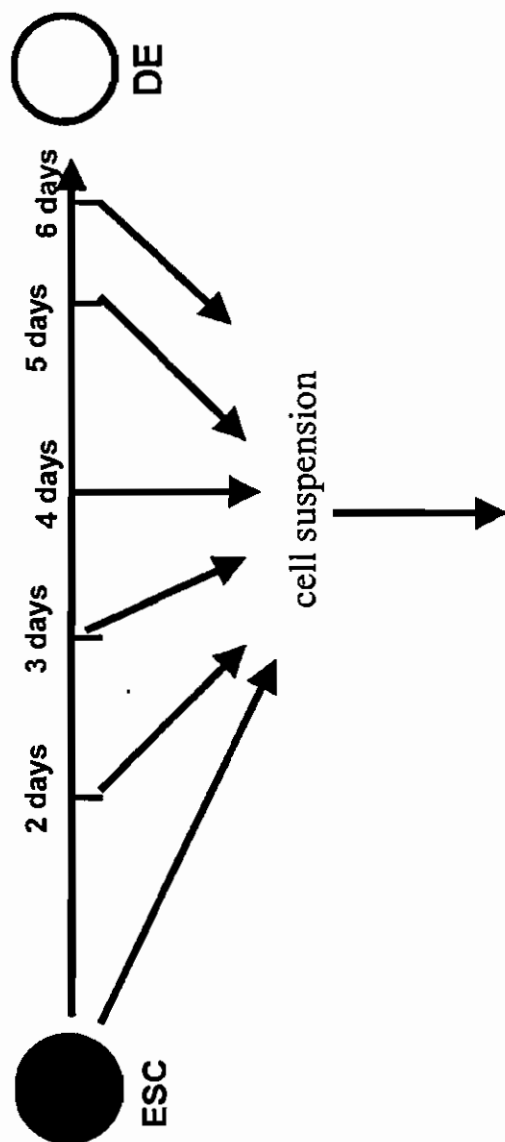
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 2



LFS5160USNP: Pluripotent Cells
Alireza Rezania

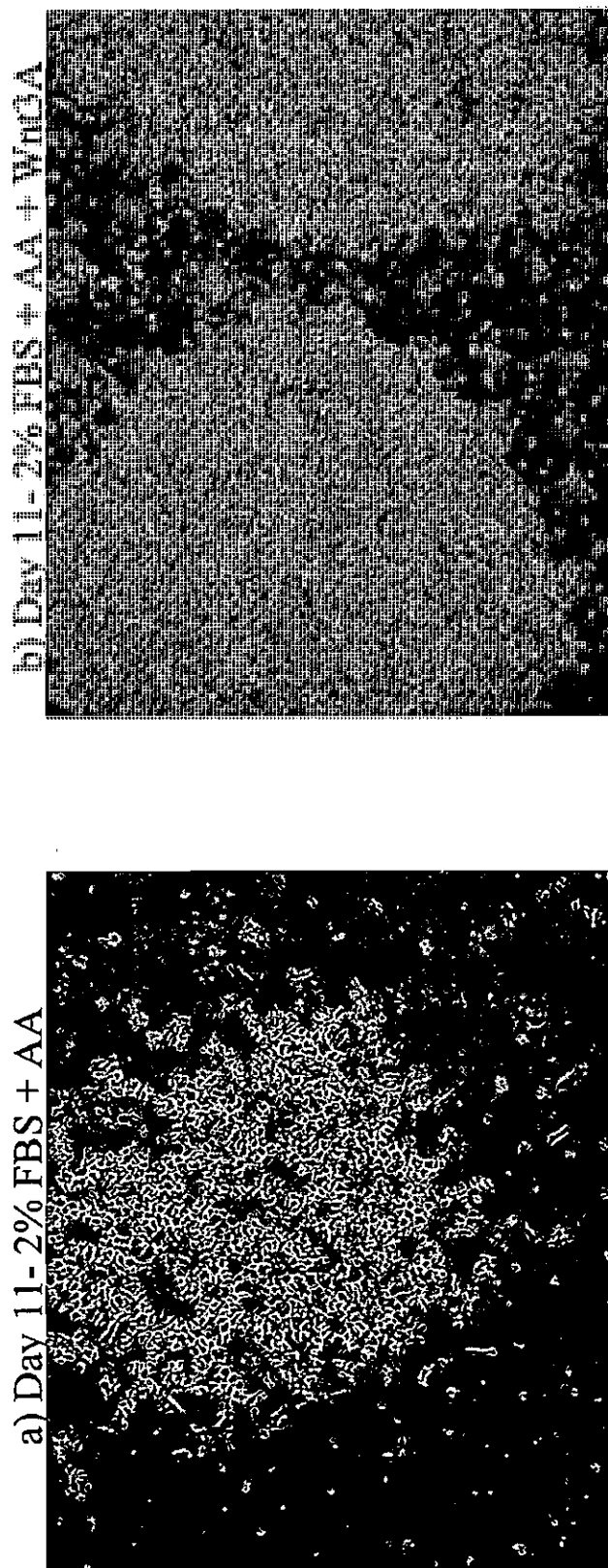
Figure 3



Expand in 2% FBS + AA +/- Wnt3A +/- IGF in Low O₂ (~3% O₂) on TCPS

LFS5160USNP: Pluripotent Cells
Alireza Rezaei

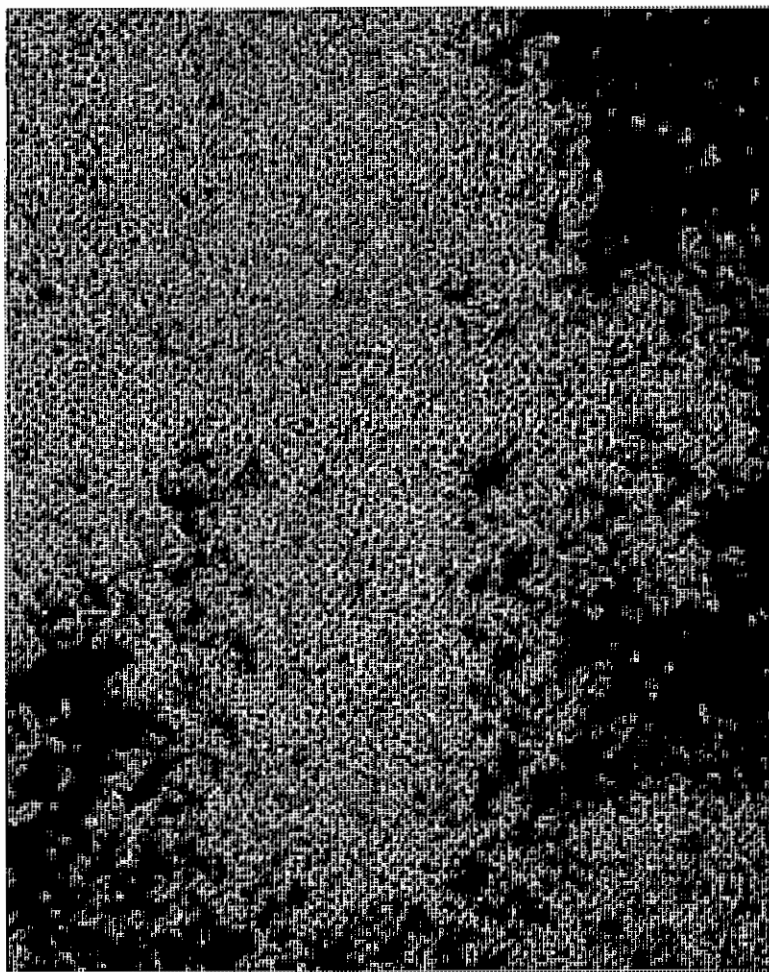
Figure 4



LFS5160USNP: Pluripotent Cells
Alireza Rezania

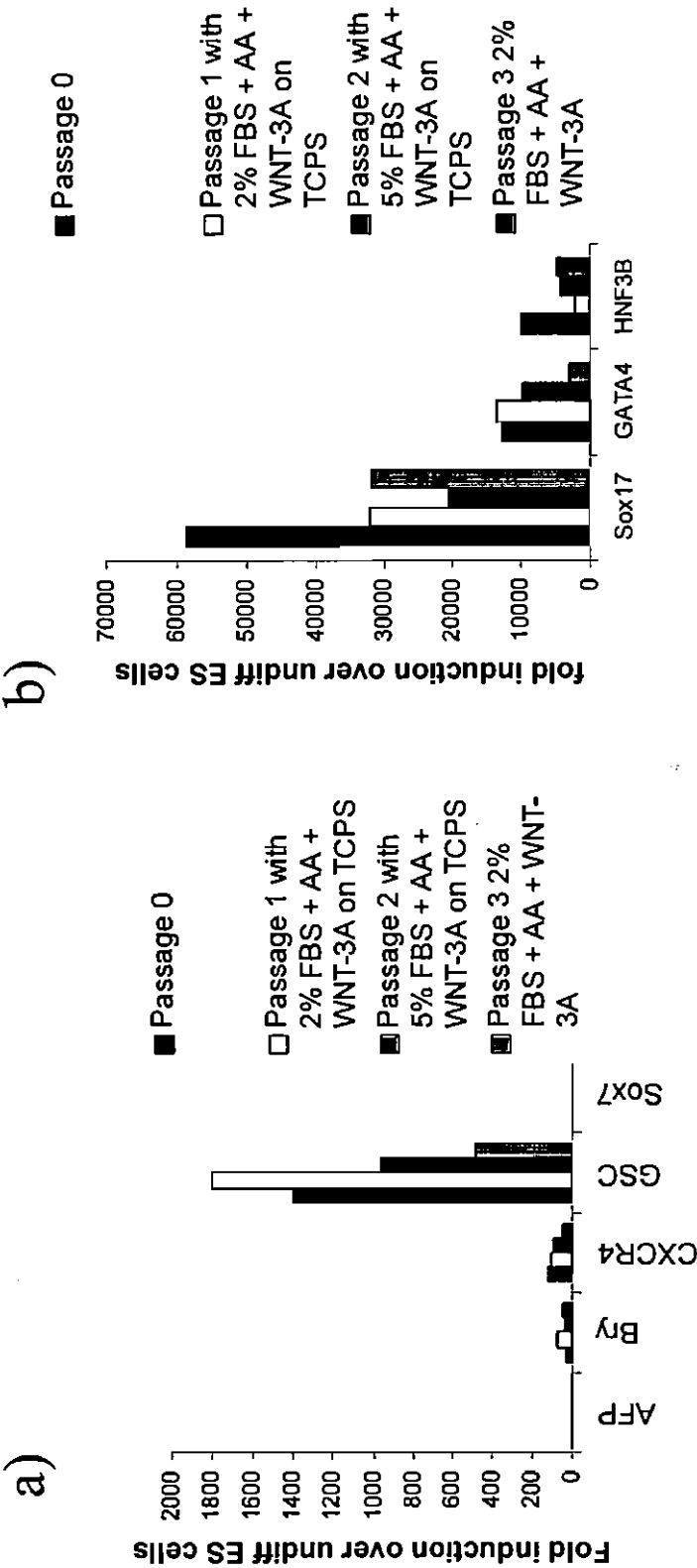
Figure 4 Continued

c) Passage 3 in 2% FBS + AA + WNT-3A



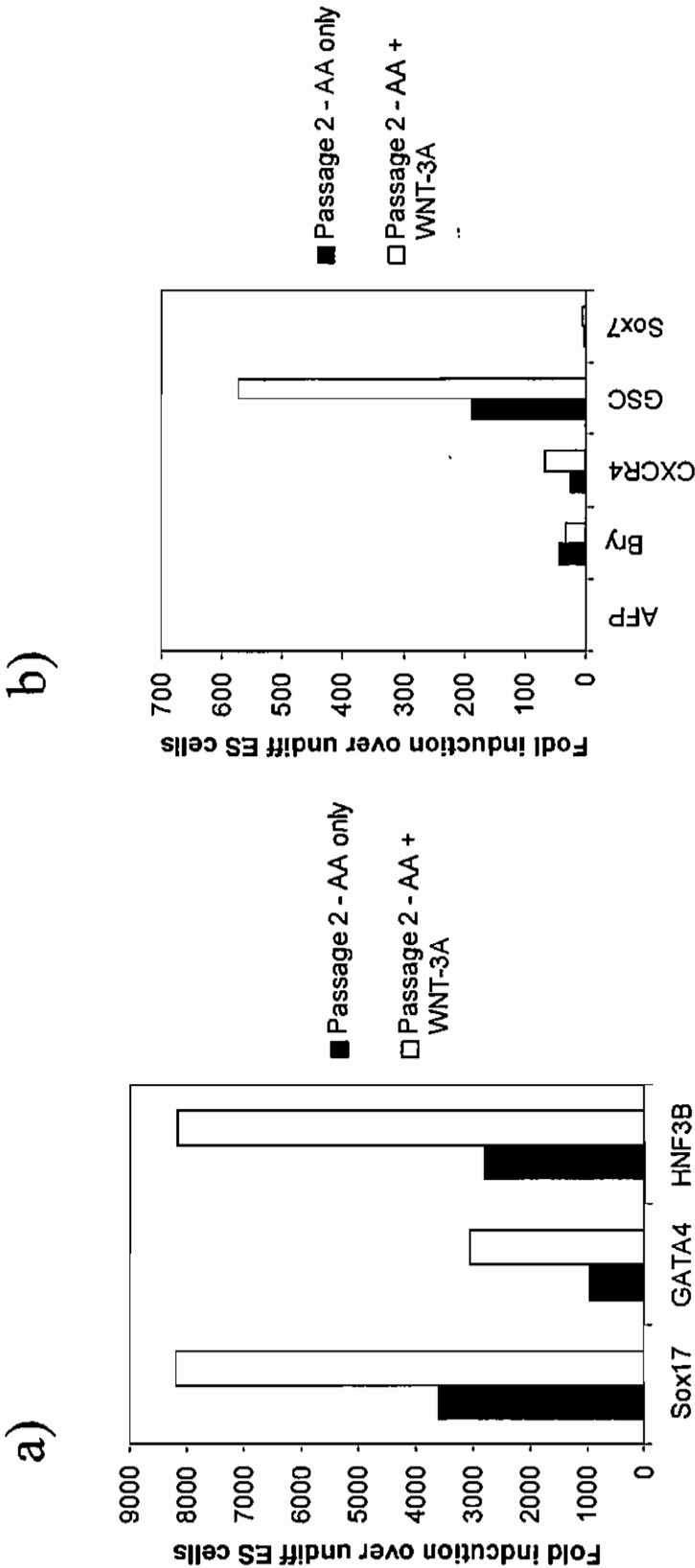
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 5



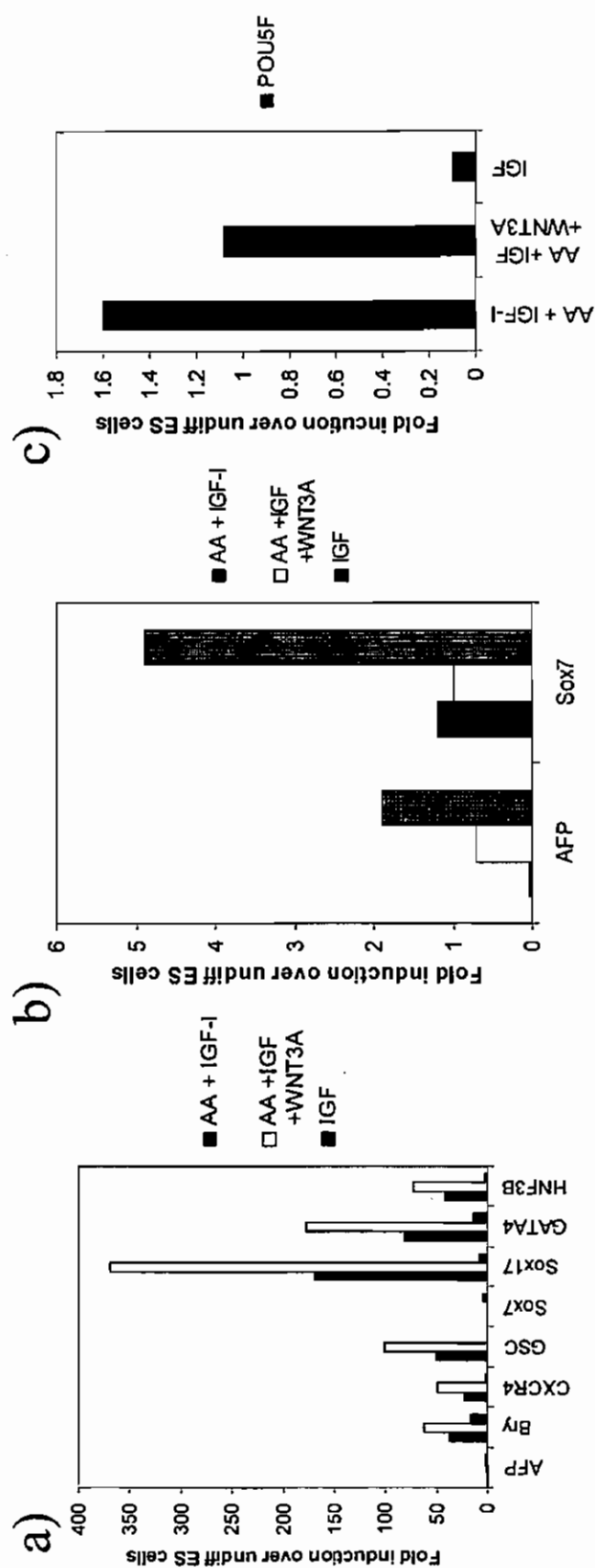
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 6



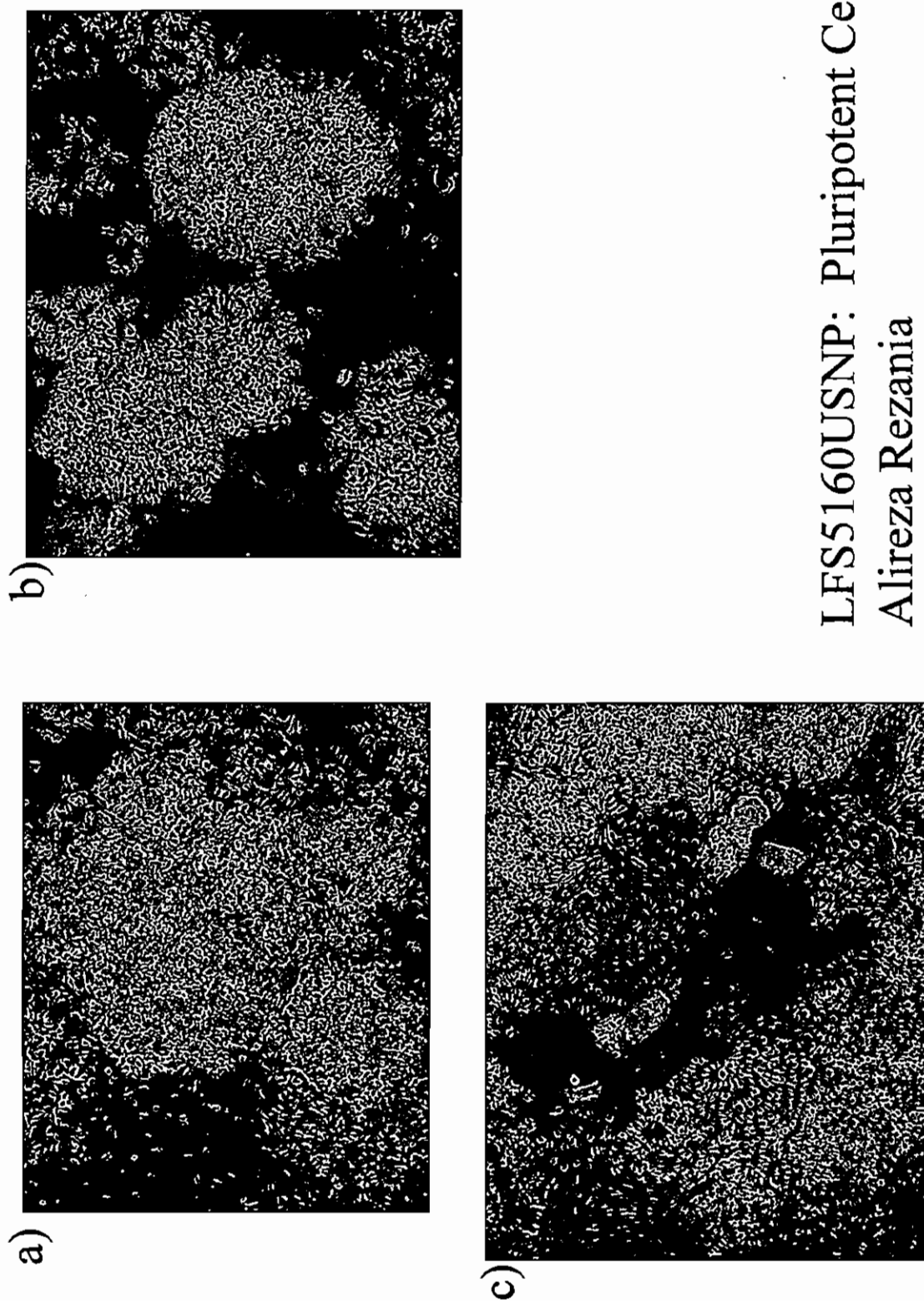
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 7



LFS5160USNP: Pluripotent Cells
Alireza Rezania

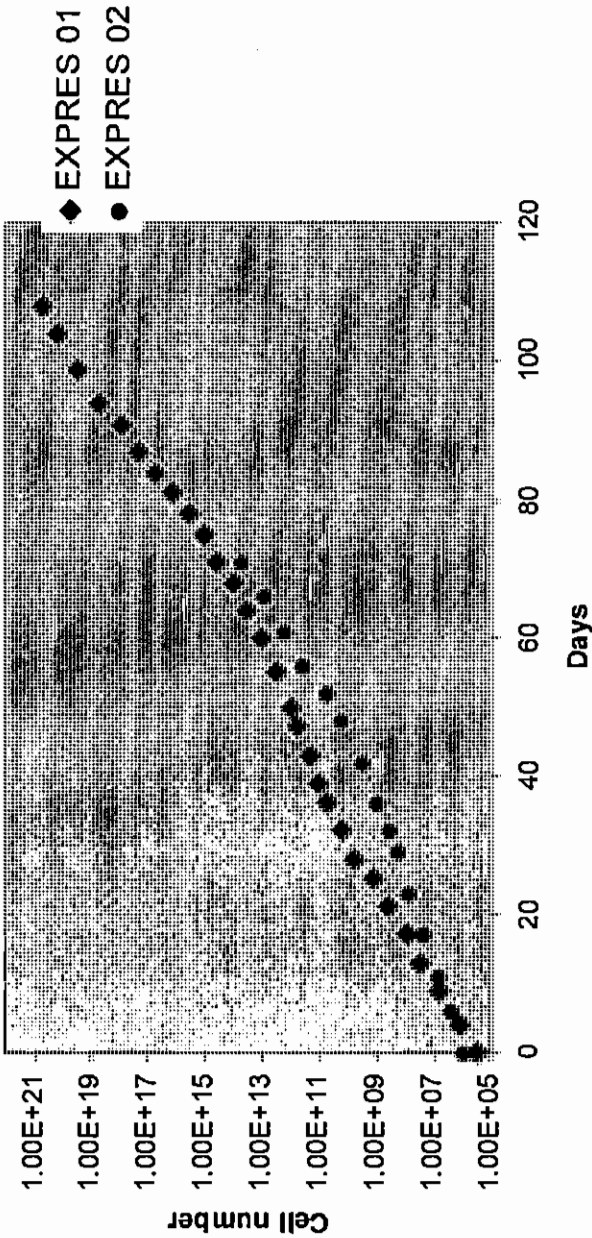
Figure 8



LFS5160USNP: Pluripotent Cells
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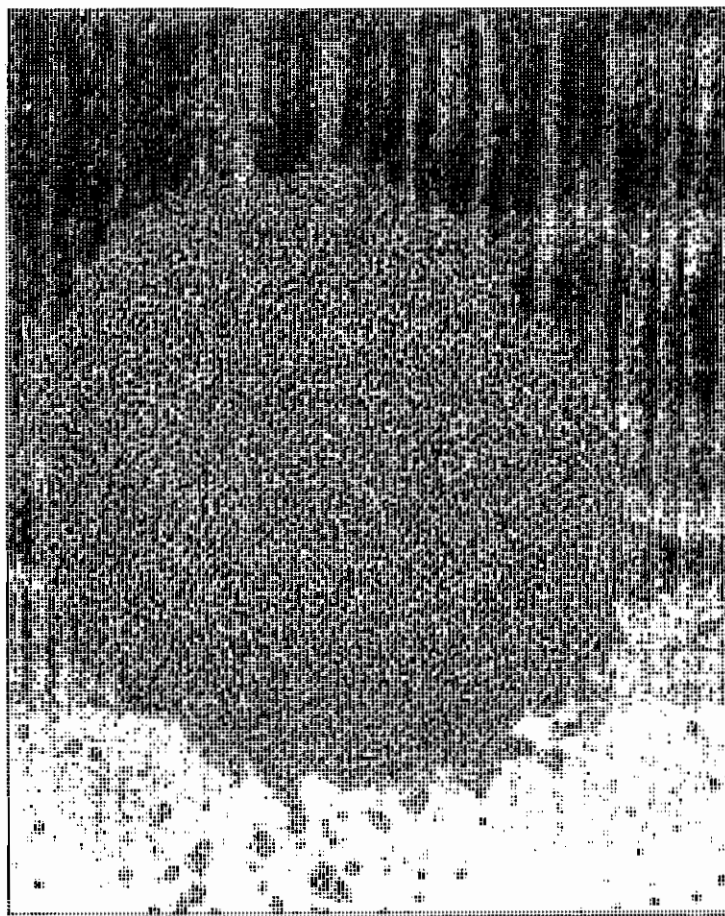
Figure 9

Proliferation of EXPRES cells



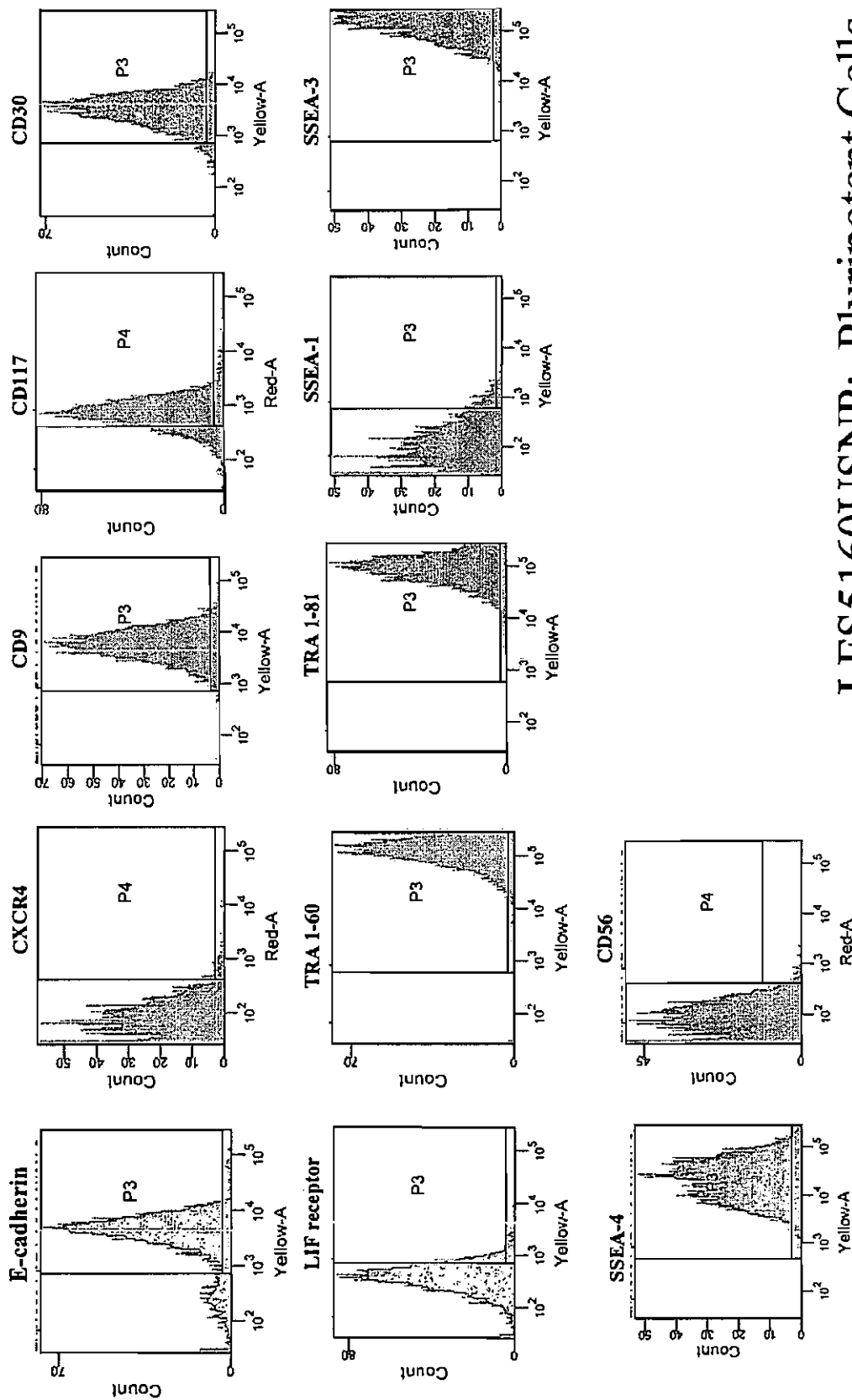
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 10



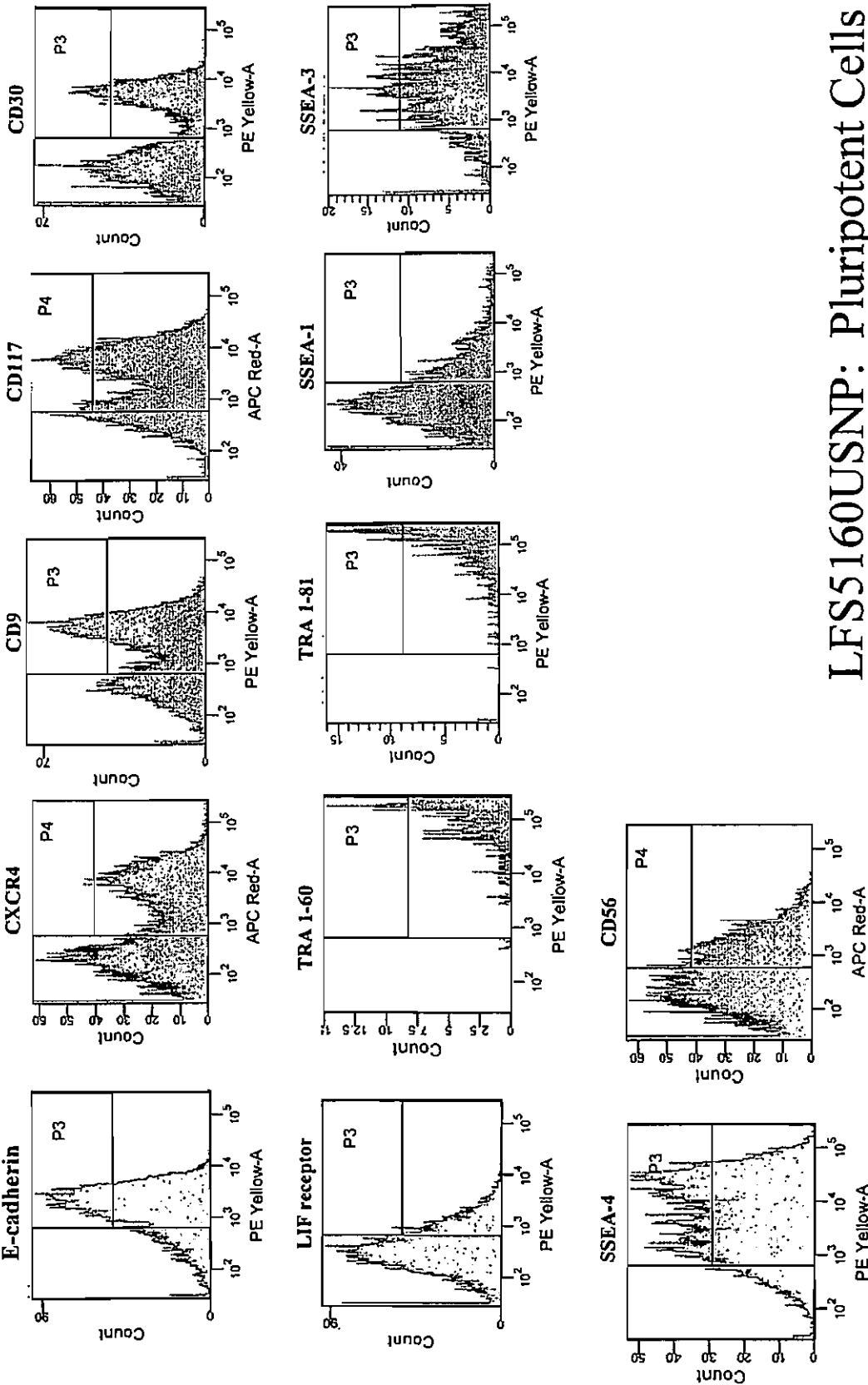
LFS5160USNP: Pluripotent Cells
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Figure 11



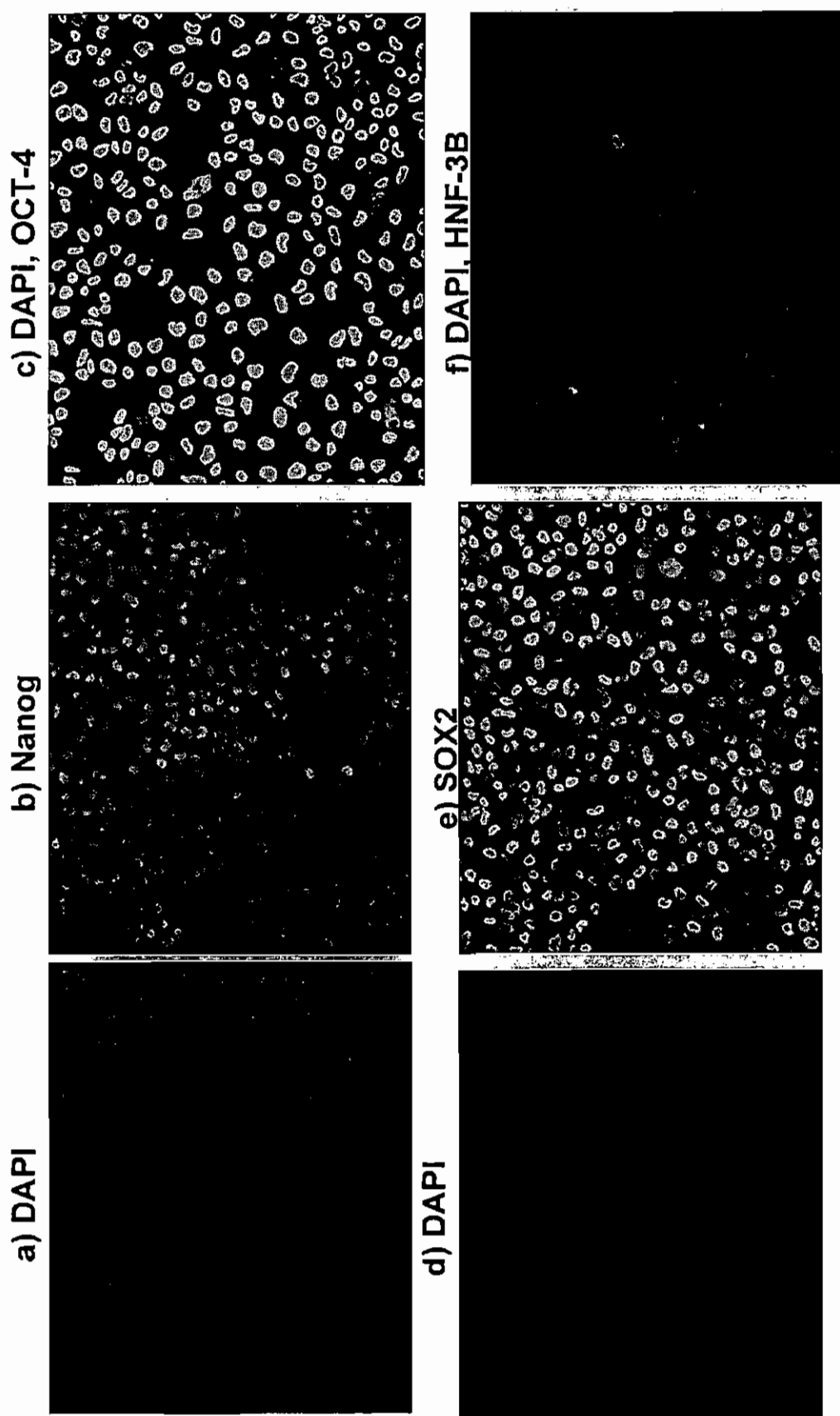
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 12



LFS5160USNP: Pluripotent Cells
Alireza Rezania

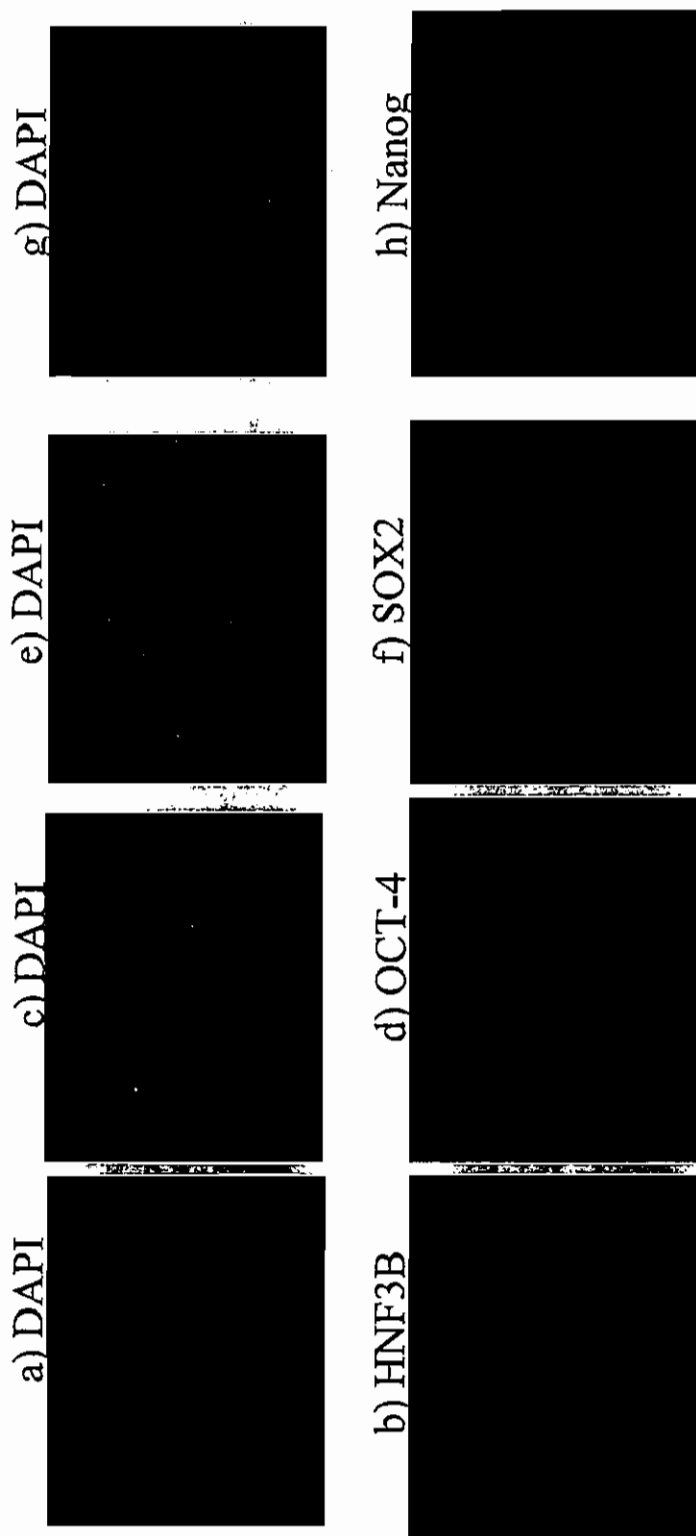
Figure 13



LFS5160USNP: Pluripotent Cells

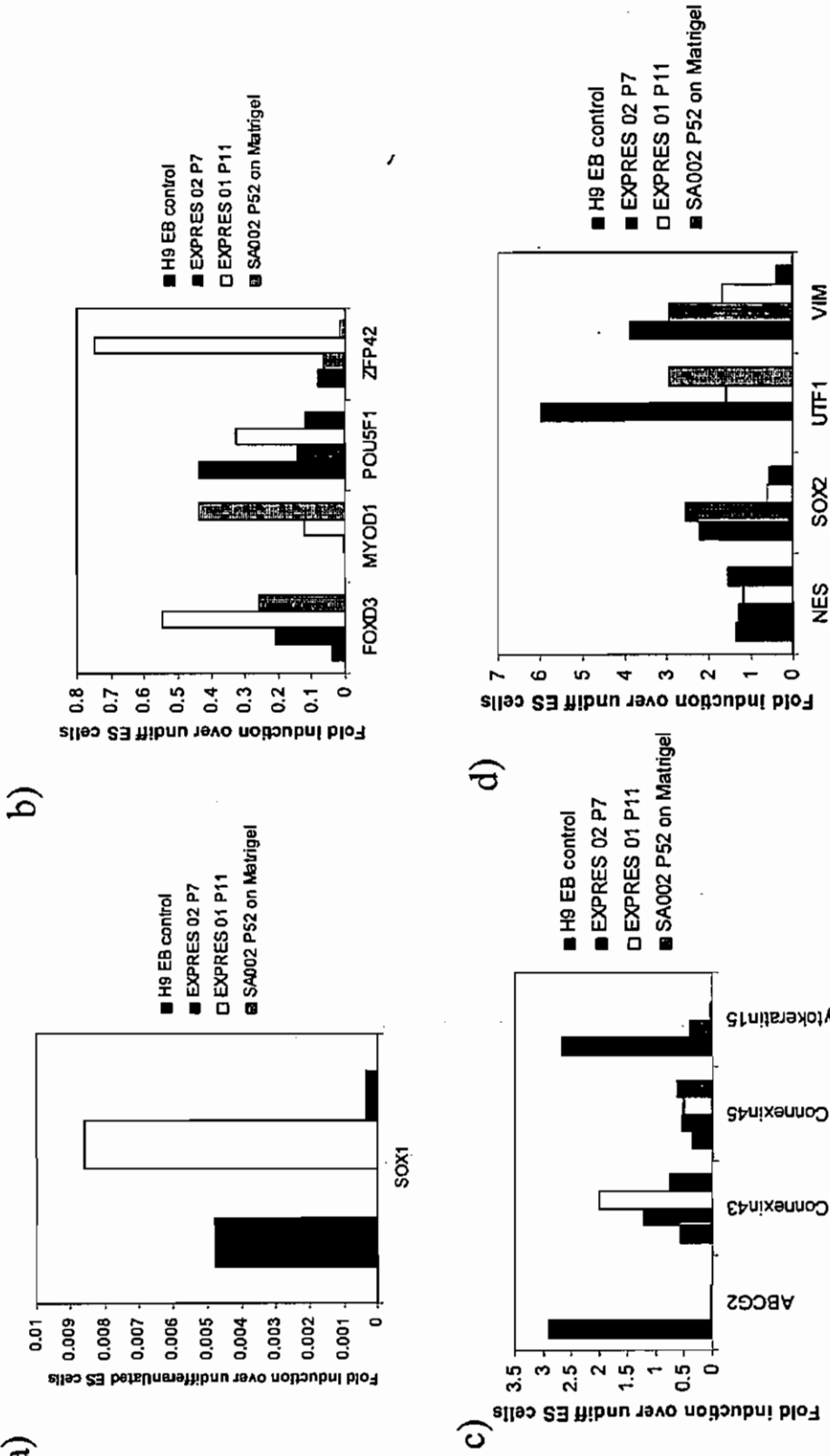
Alireza Rezania

Figure 14



LFS5160USNP: Pluripotent Cells
Alireza Rezania

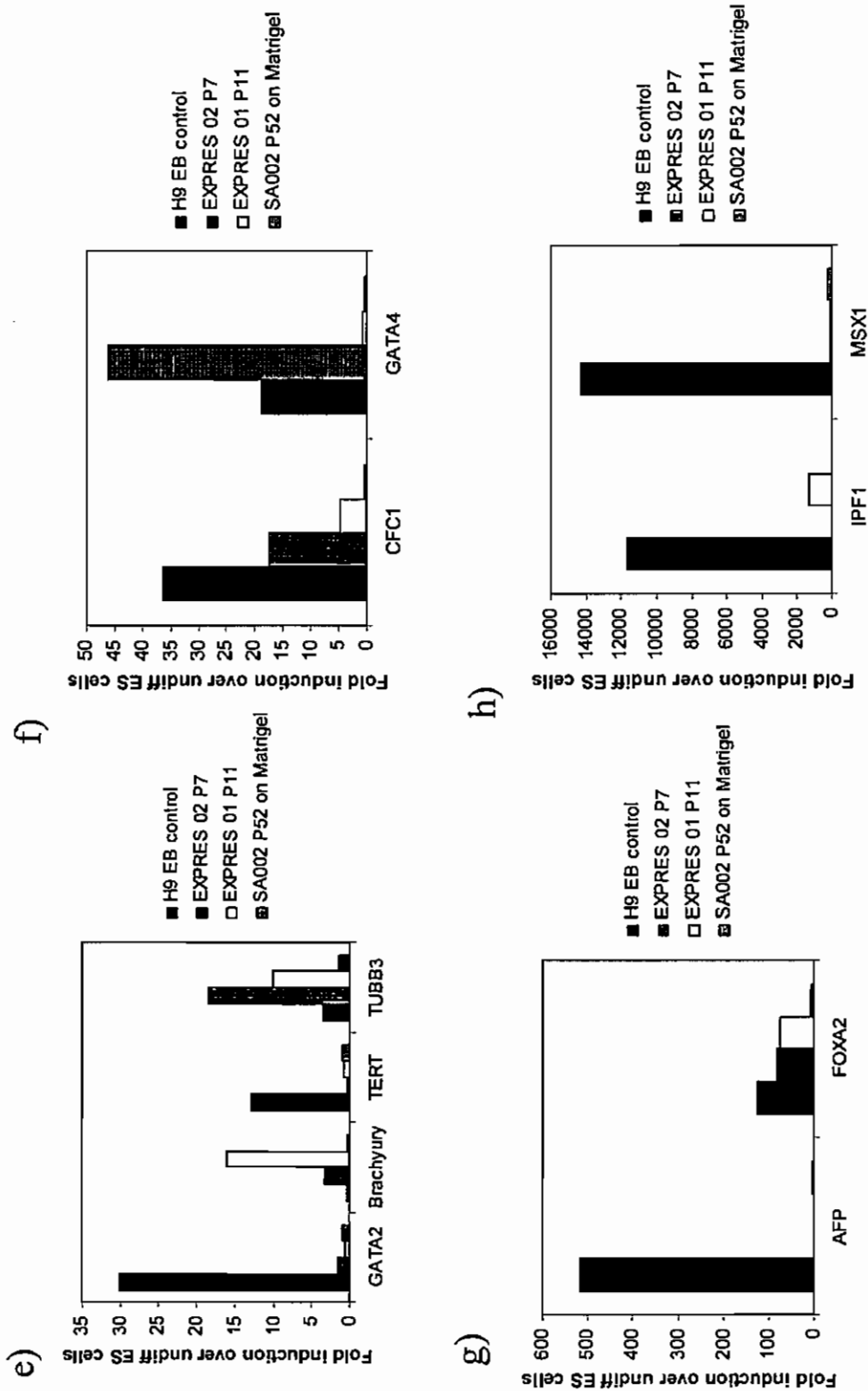
Figure 15



LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 15

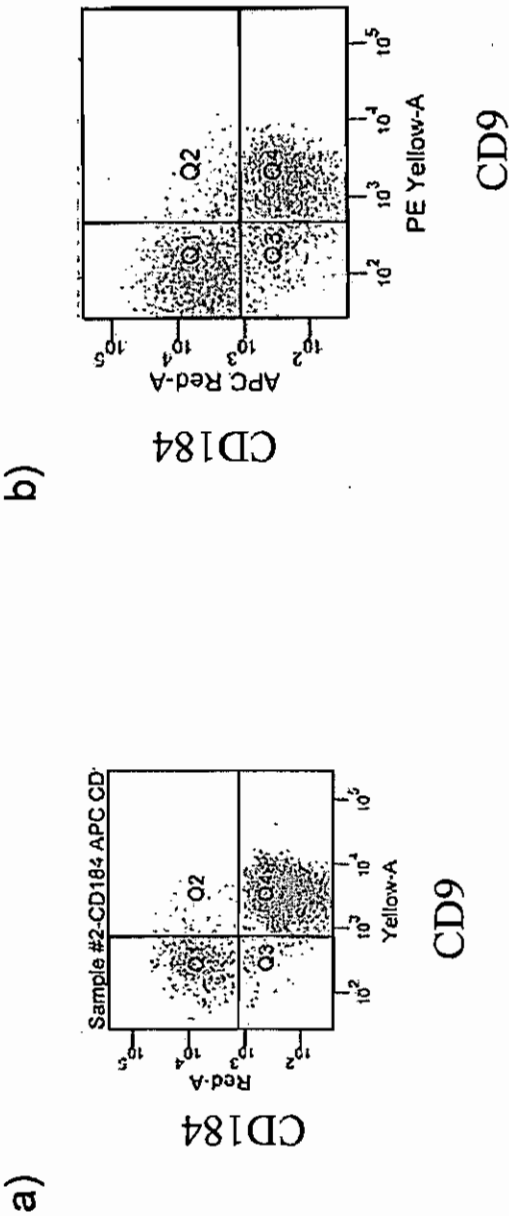
continued



LFS5160USNP: Pluripotent Cells

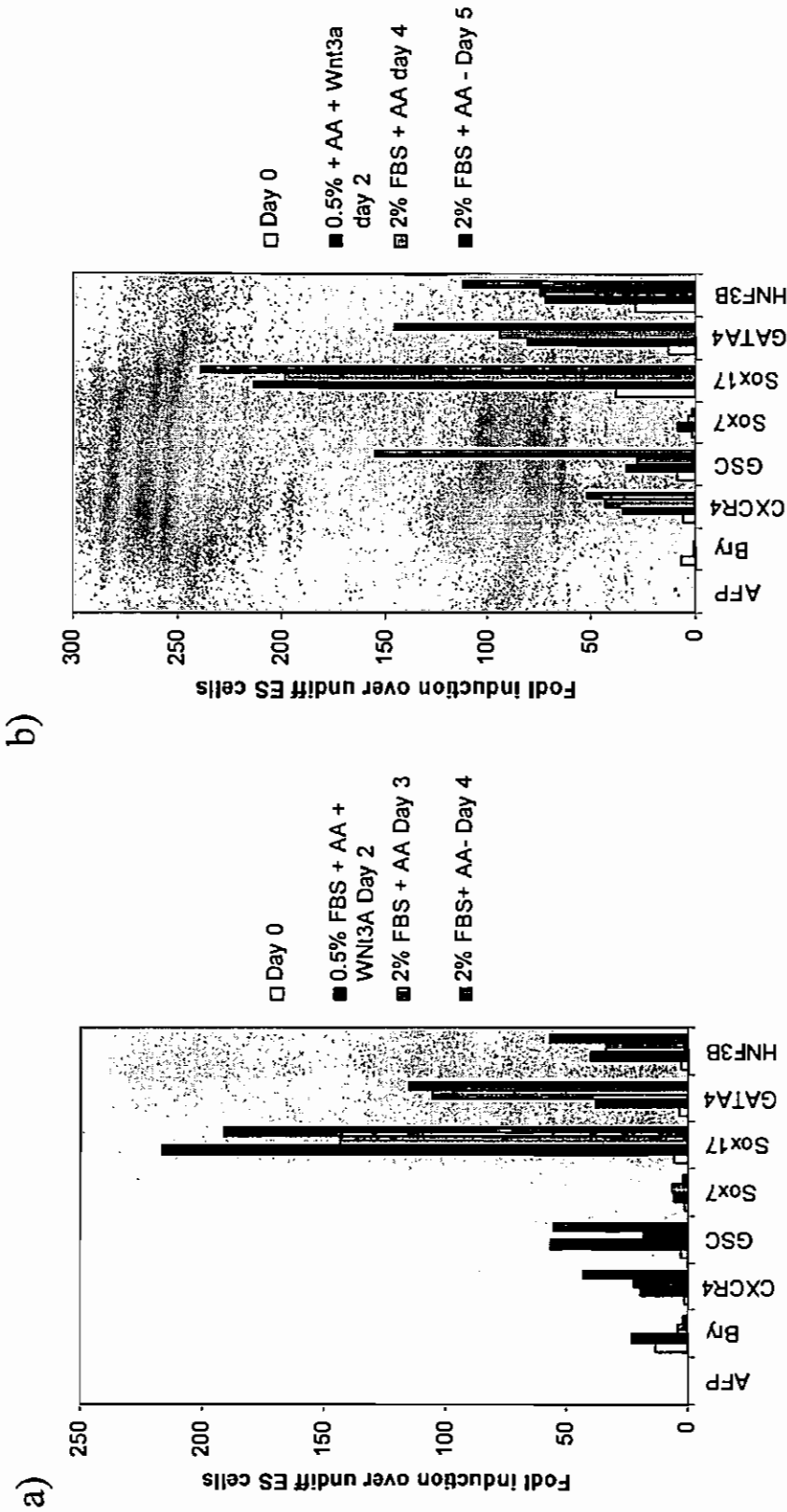
Alireza Rezania

Figure 16



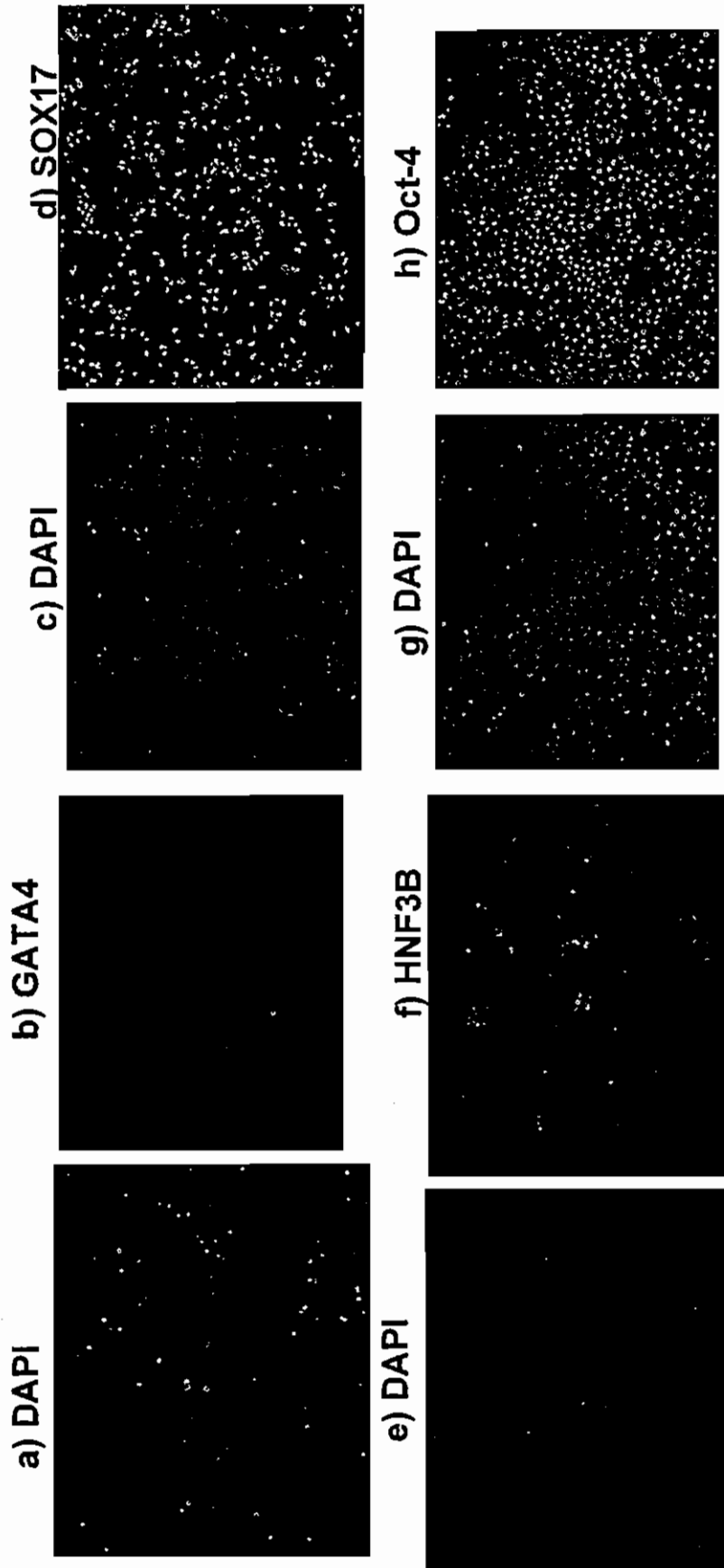
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 17



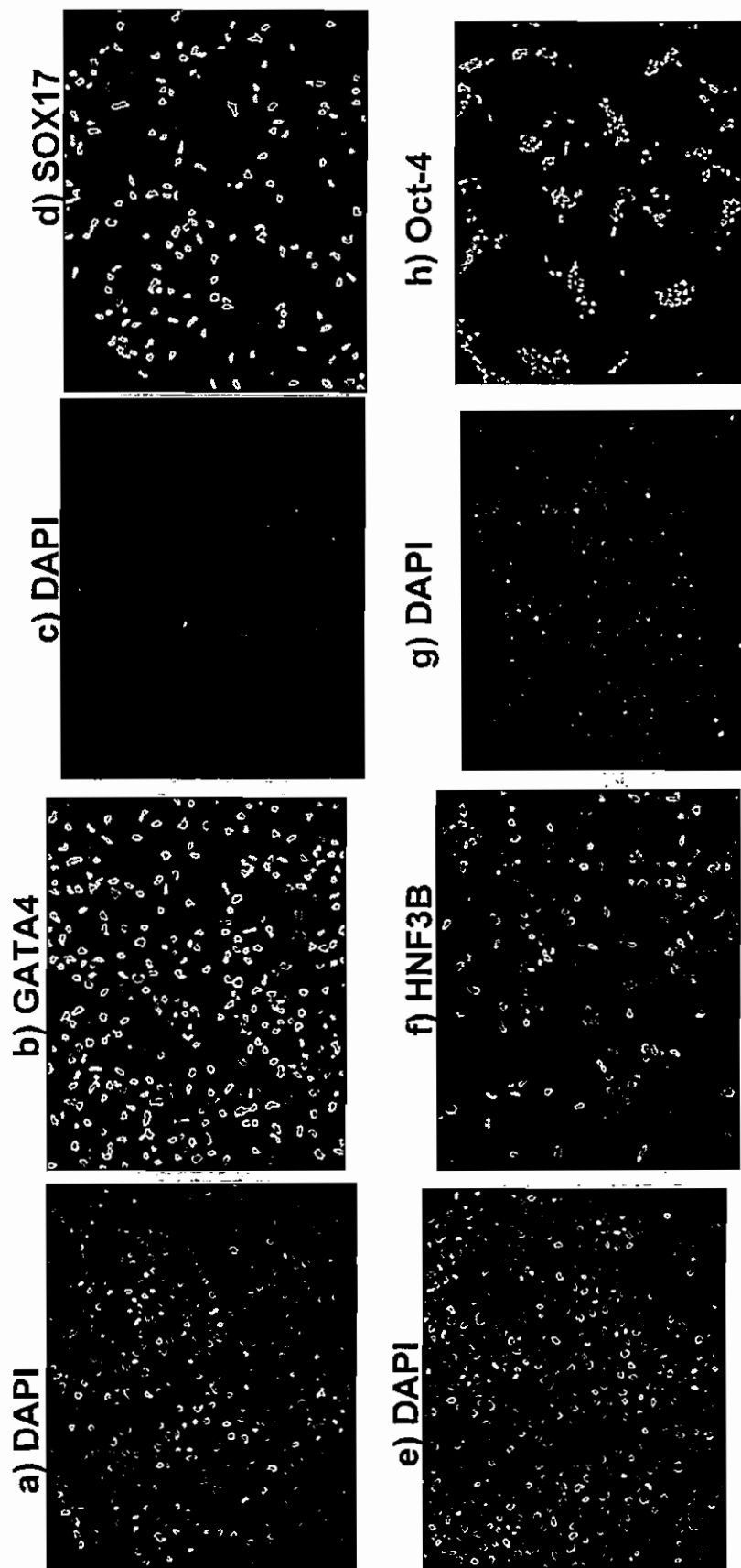
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 18



LFS5160USNP: Pluripotent Cells
Alireza Rezania

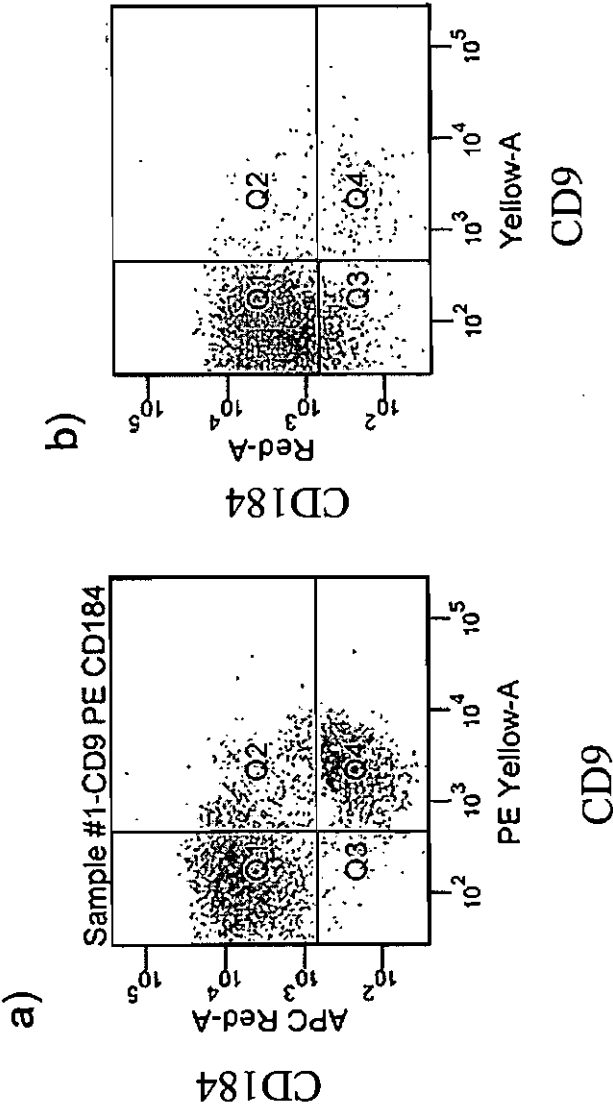
Figure 19



LFS5160USNP: Pluripotent Cells

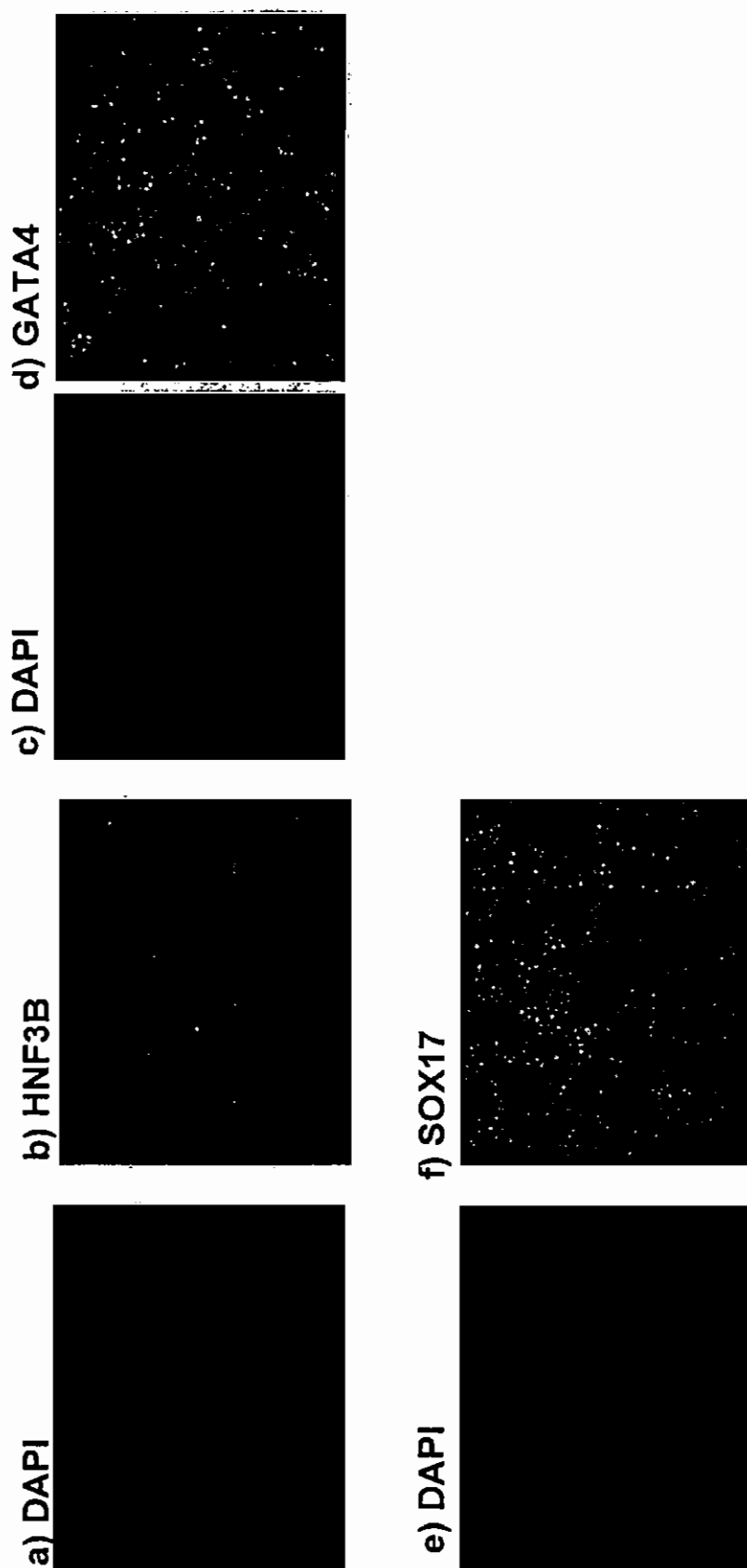
Alireza Rezania

Figure 20



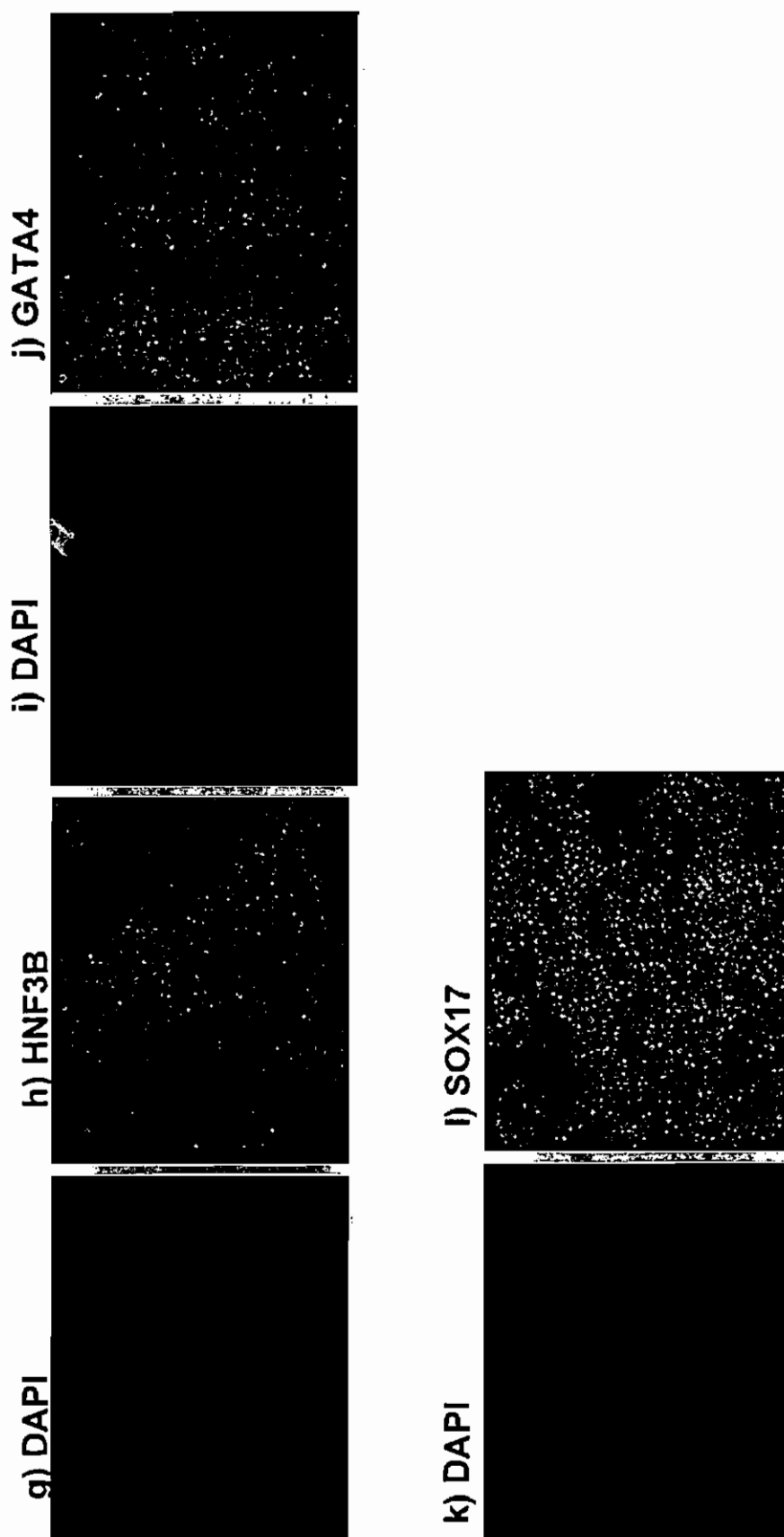
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 21



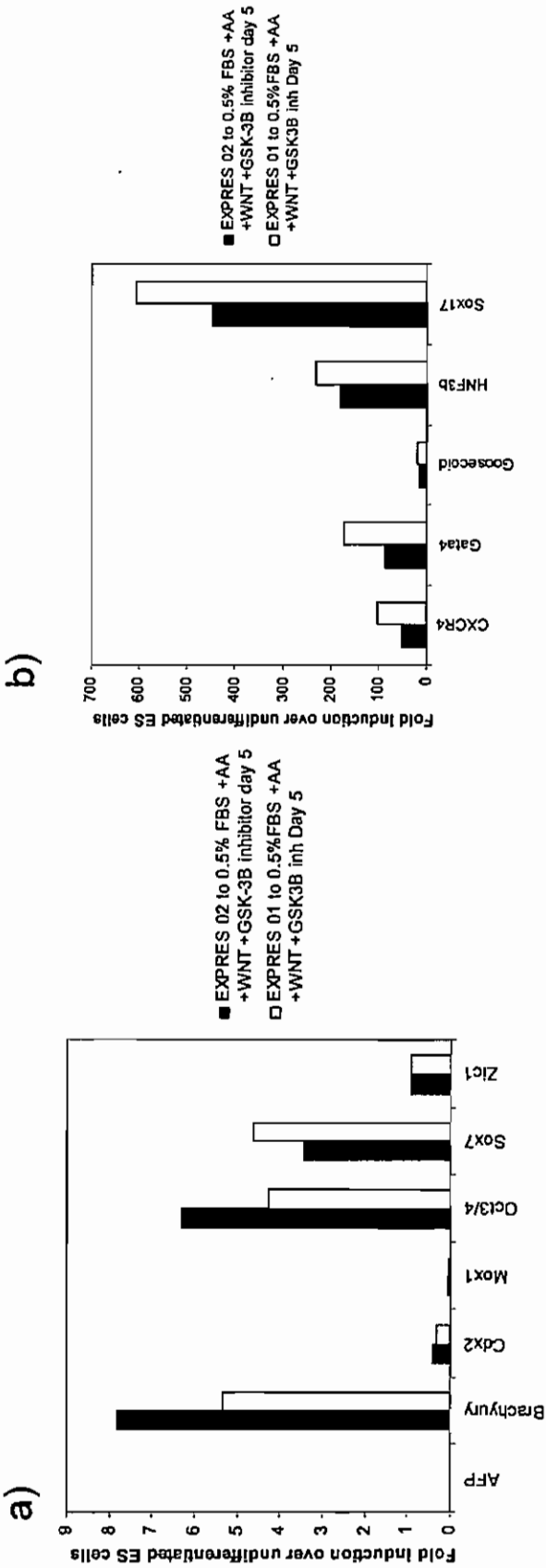
LFS5160USNP: Pluripotent Cells
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Figure 21 continued



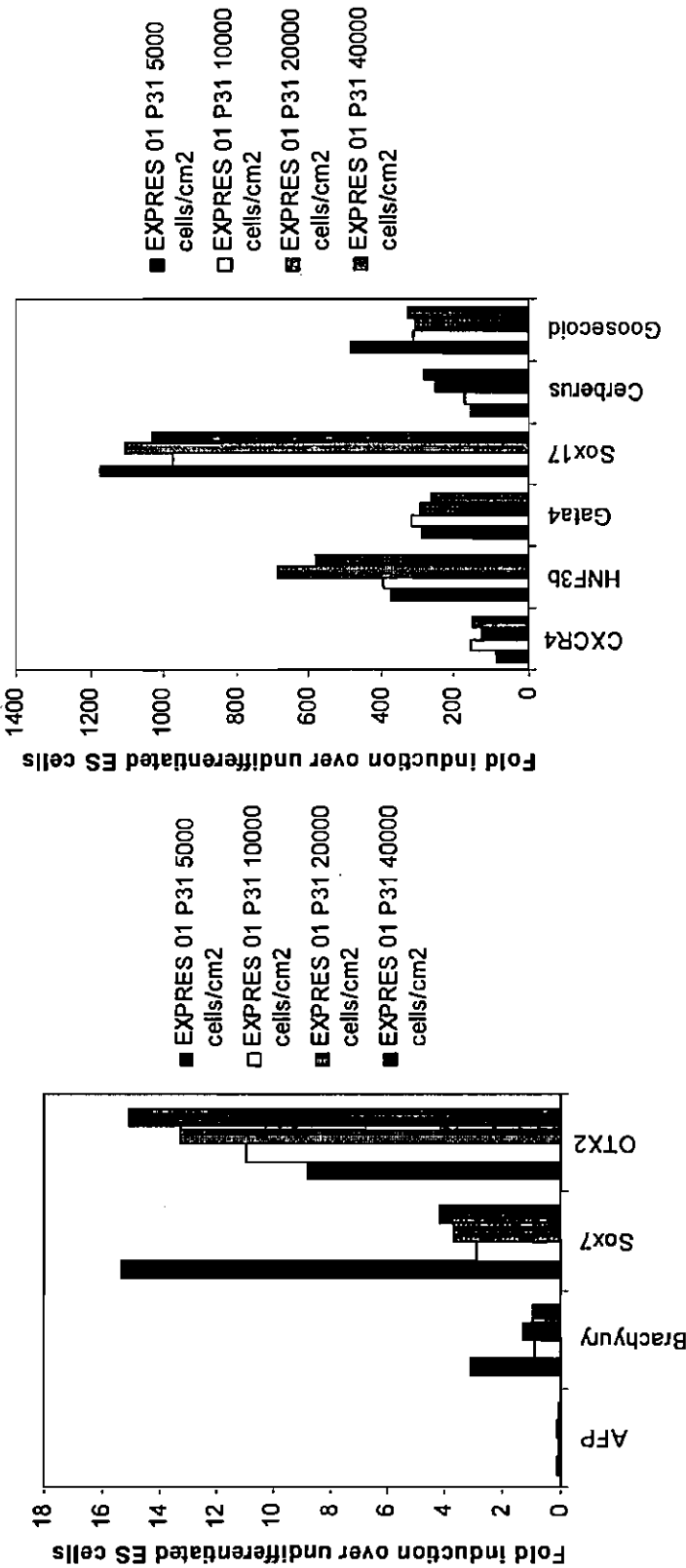
LFS5160USNP: Pluripotent Cells
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Figure 22



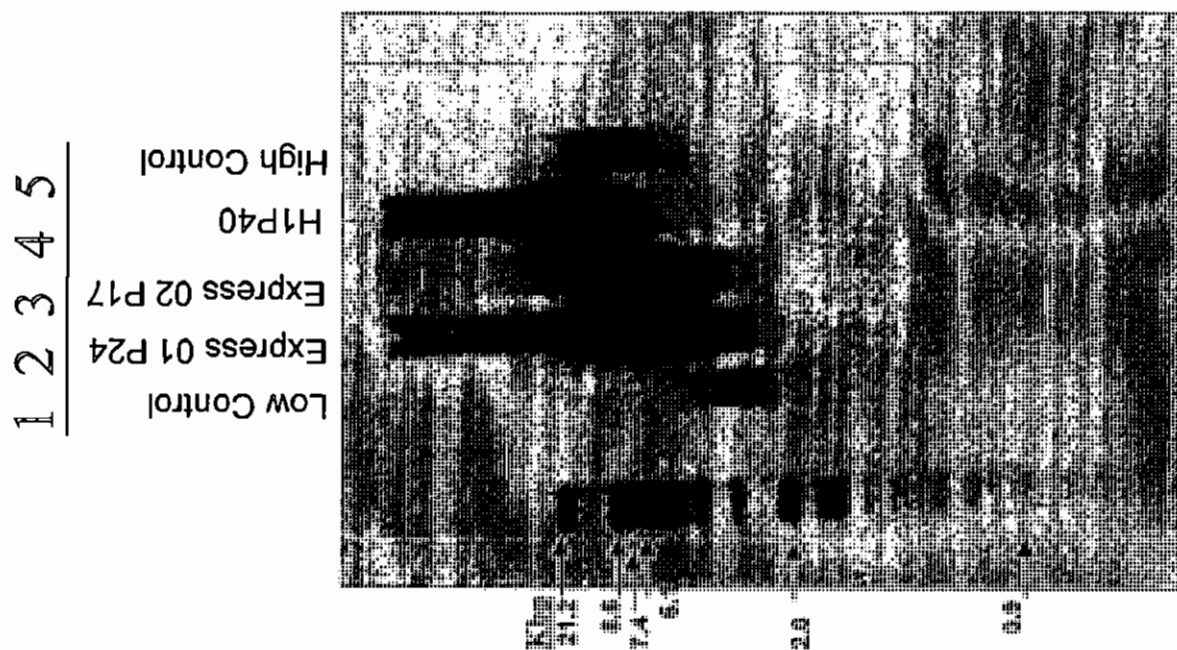
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 23



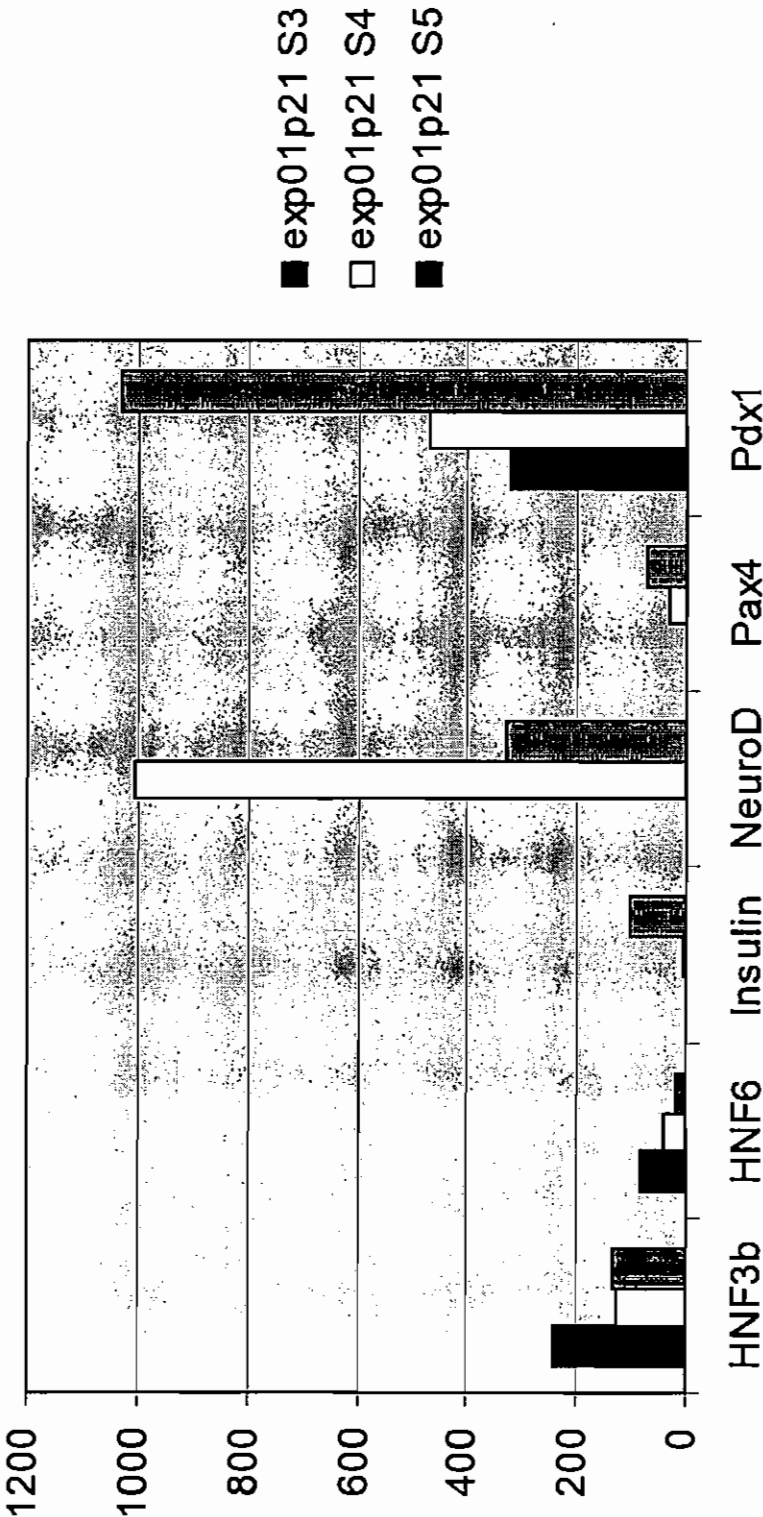
LFS5160USNP: Pluripotent Cells
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Figure 24



LFS5160USNP: Pluripotent Cells
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Figure 25

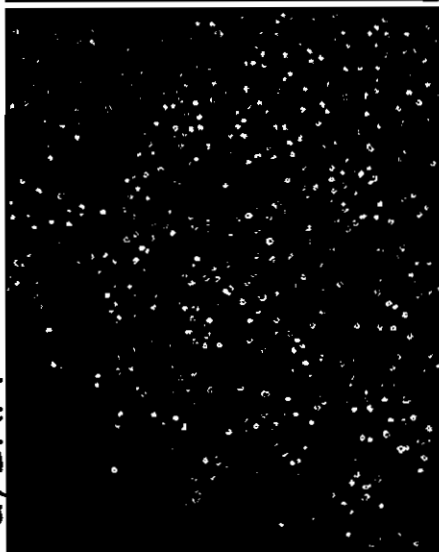


LFS5160USNP: Pluripotent Cells

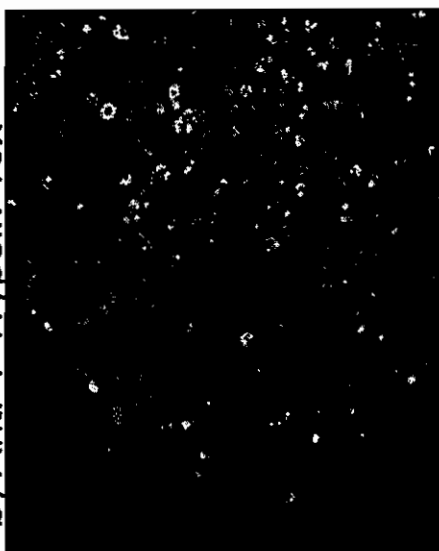
Alireza Rezania

Figure 26

a) DAPI



b) Anti-1-Trypsin 10x



C) HNF3B 10x



D) Albumin DAPI

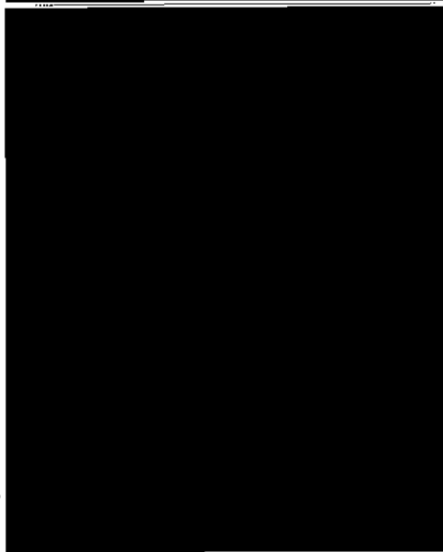


LFS5160USNP: Pluripotent Cells

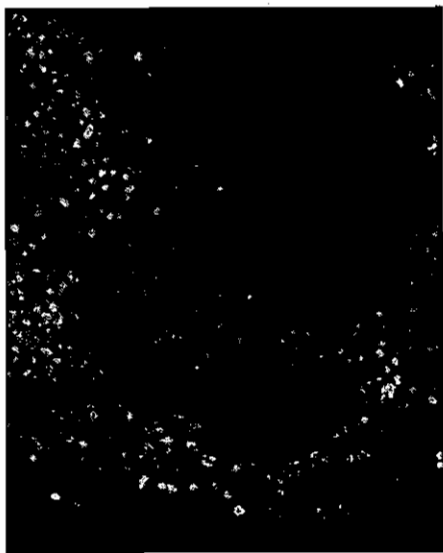
Alireza Rezania

Figure 26 continued

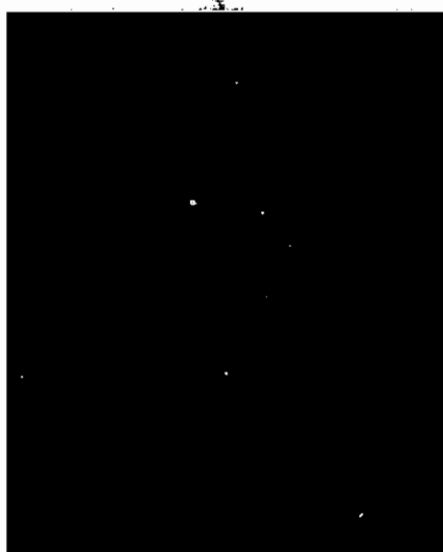
e) DAPI



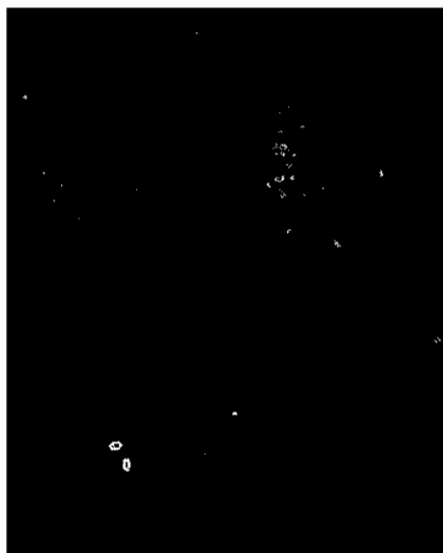
f) Pdx1 20x



g) DAPI



h) SOX17 10x

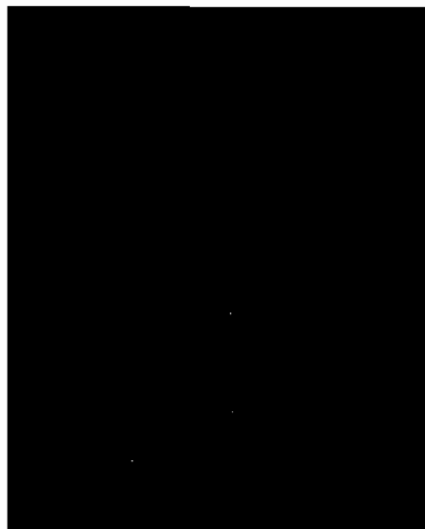


LFS5160USNP: Pluripotent Cells

Alireza Rezania

Figure 26 continued

i) DAPI

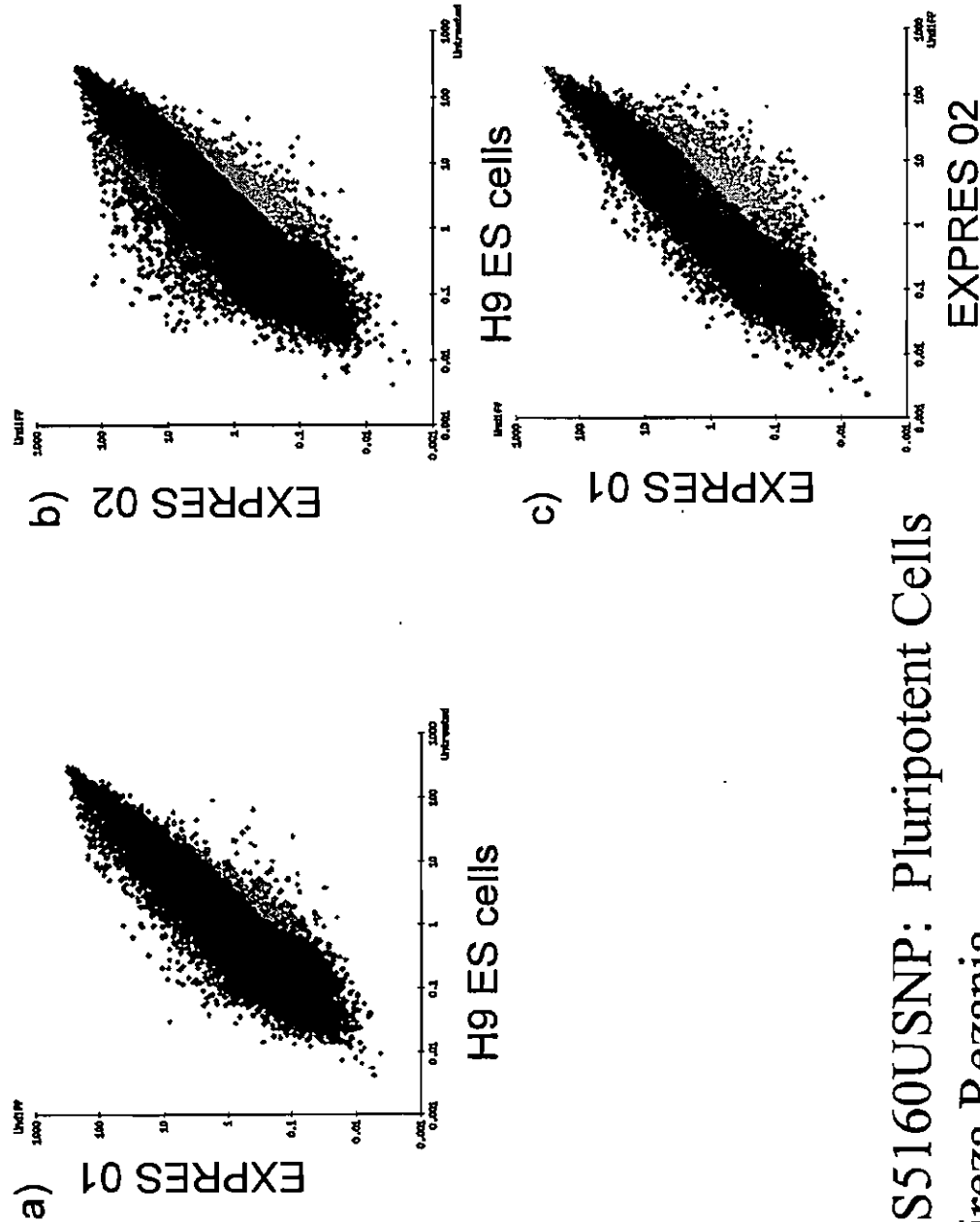


j) CDX-2 10X



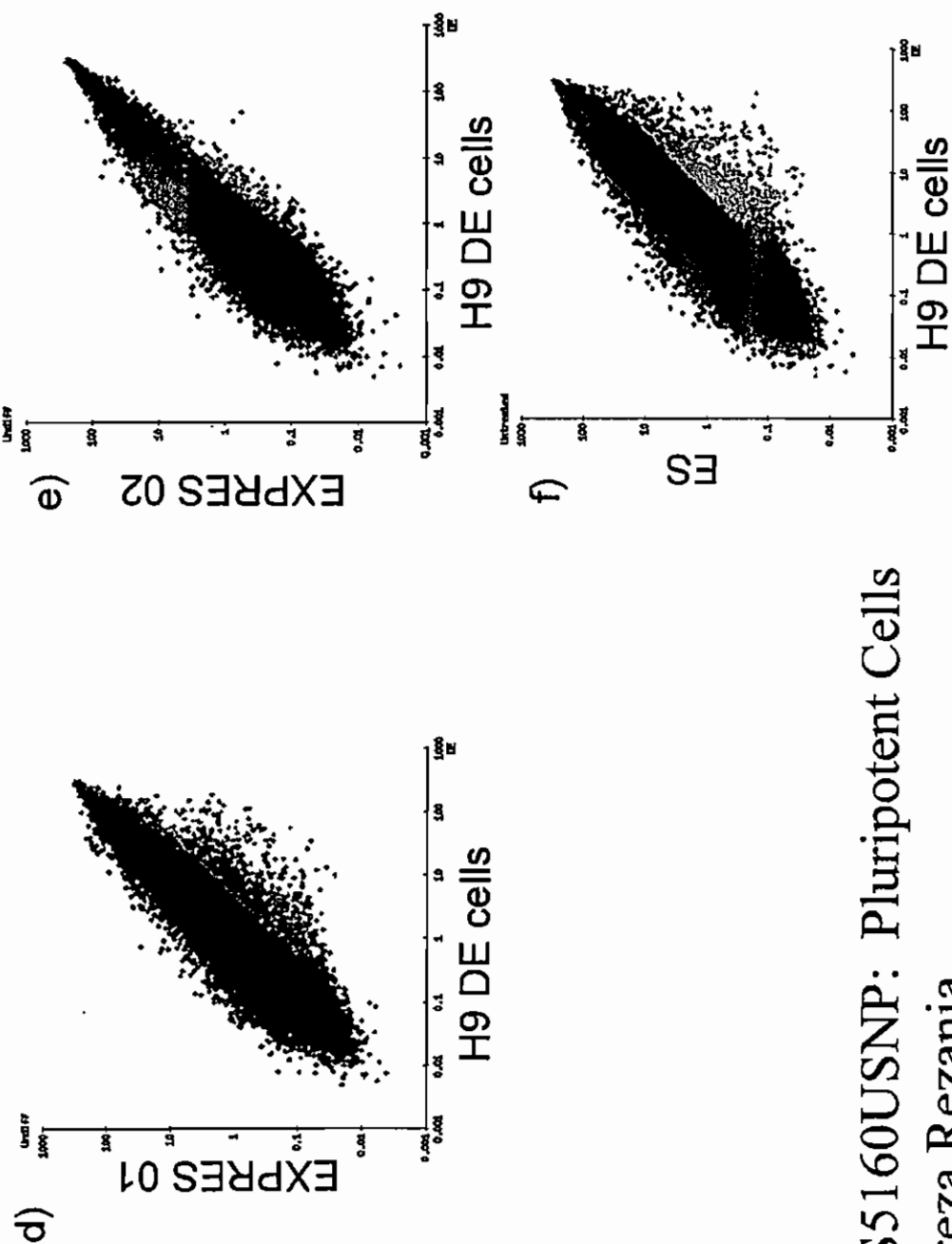
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 27



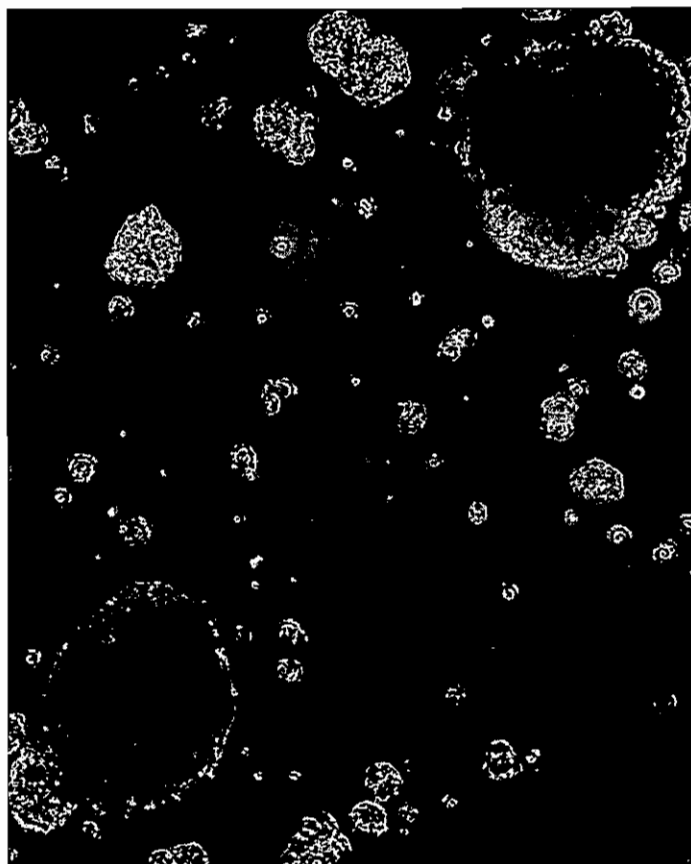
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 27 continued



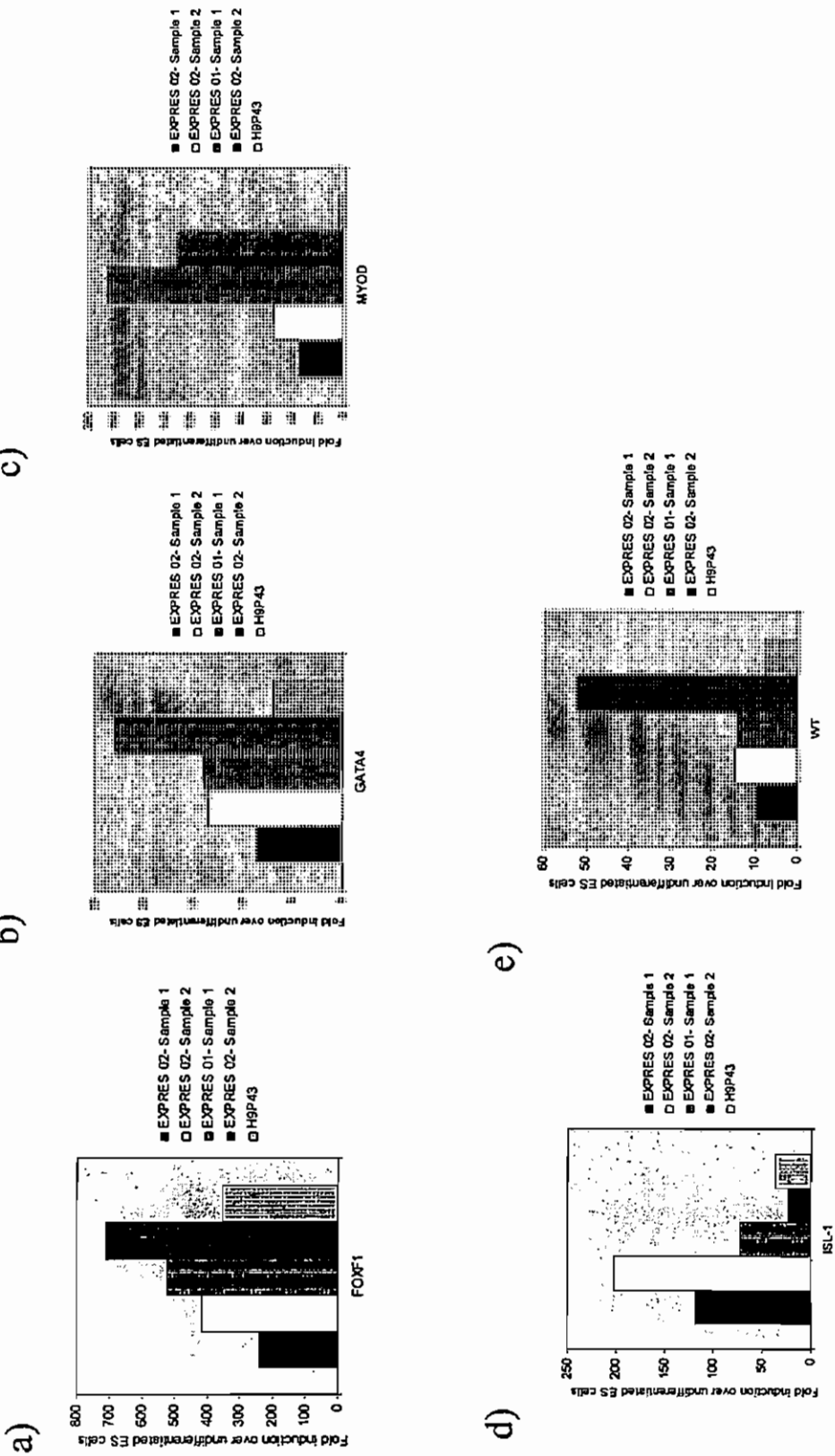
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 28



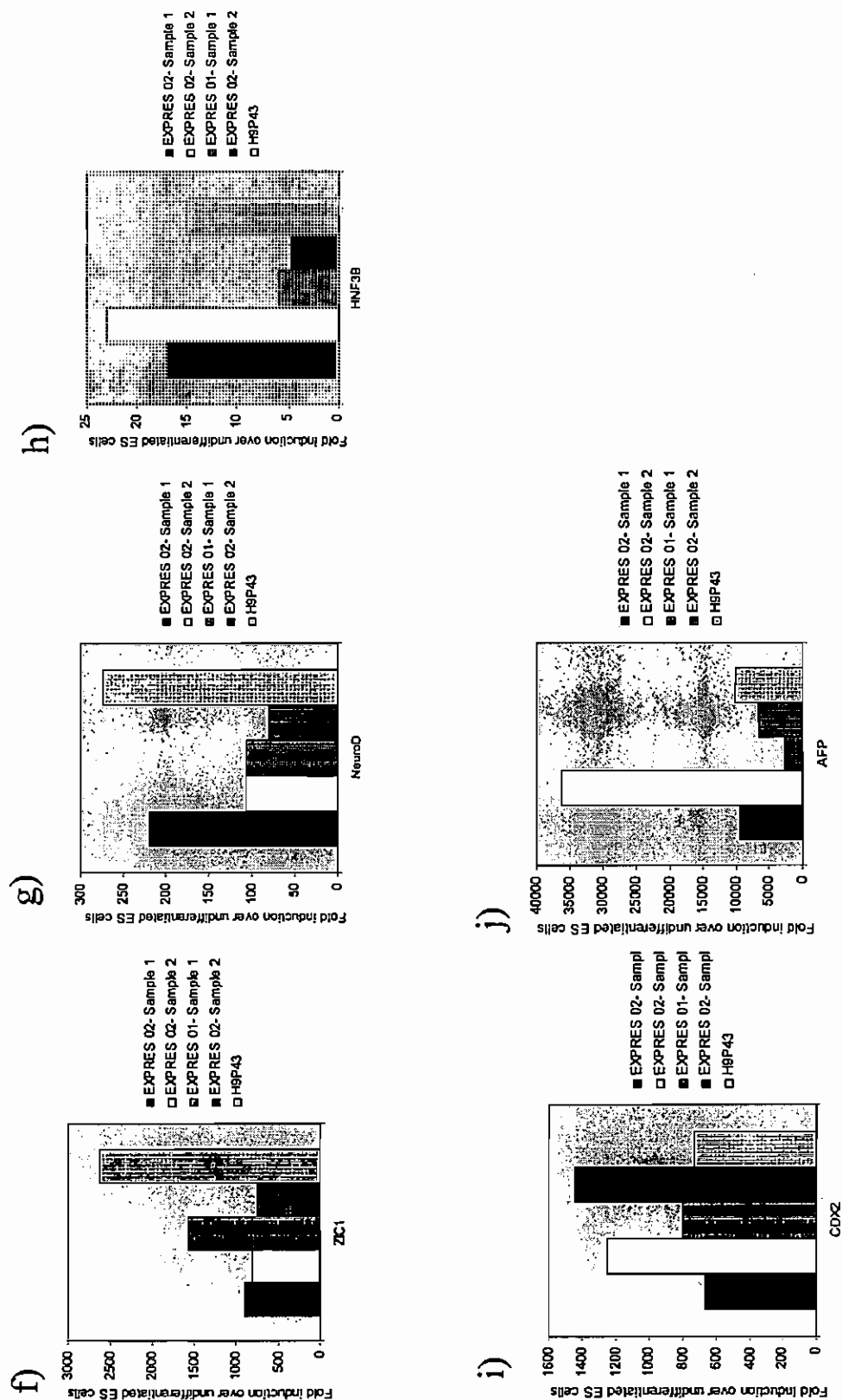
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 29



LFS5160USNP: Pluripotent Cells
Alireza Rezania

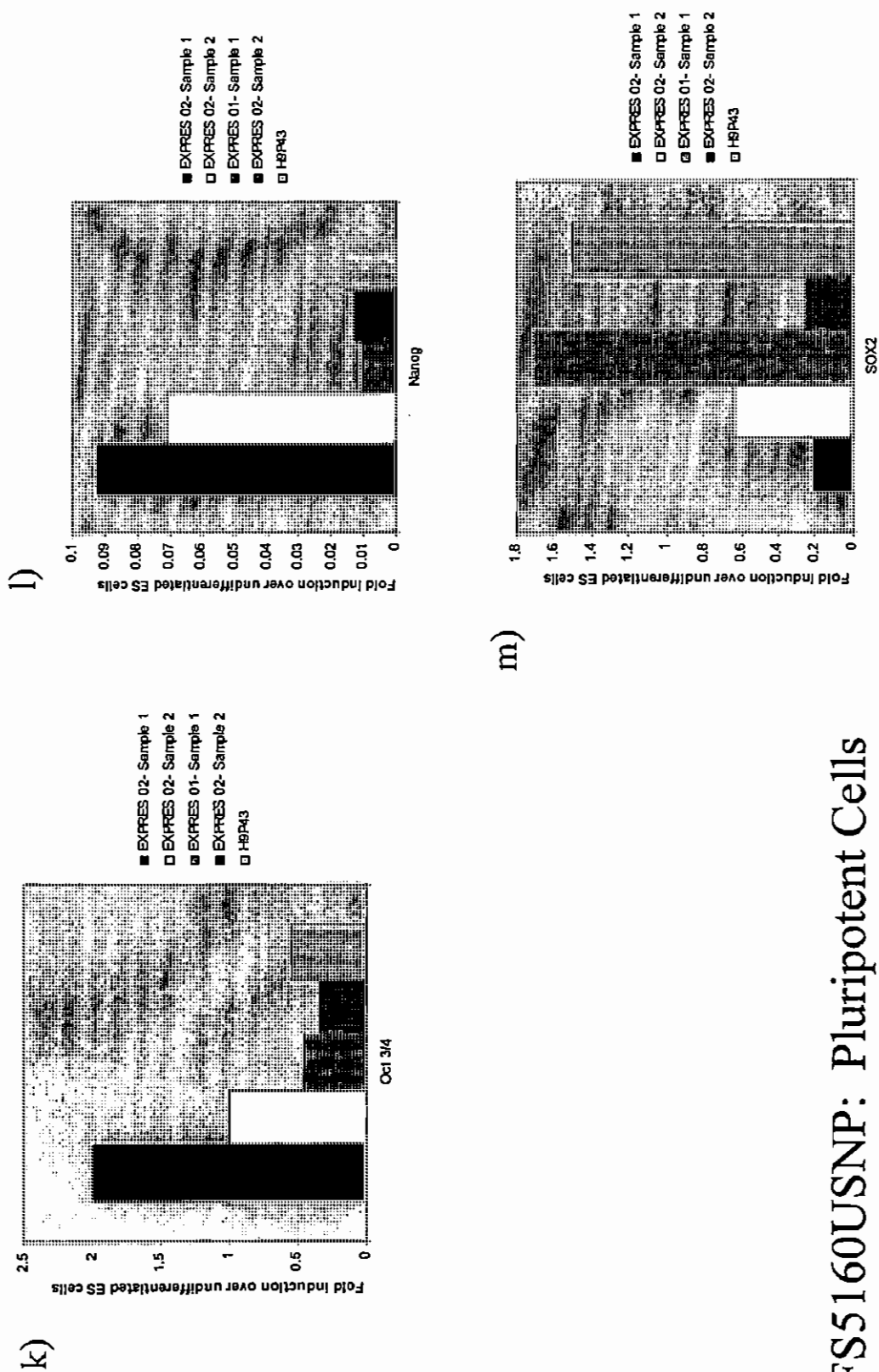
Figure 29 continued



LFS5160USNP: Pluripotent Cells

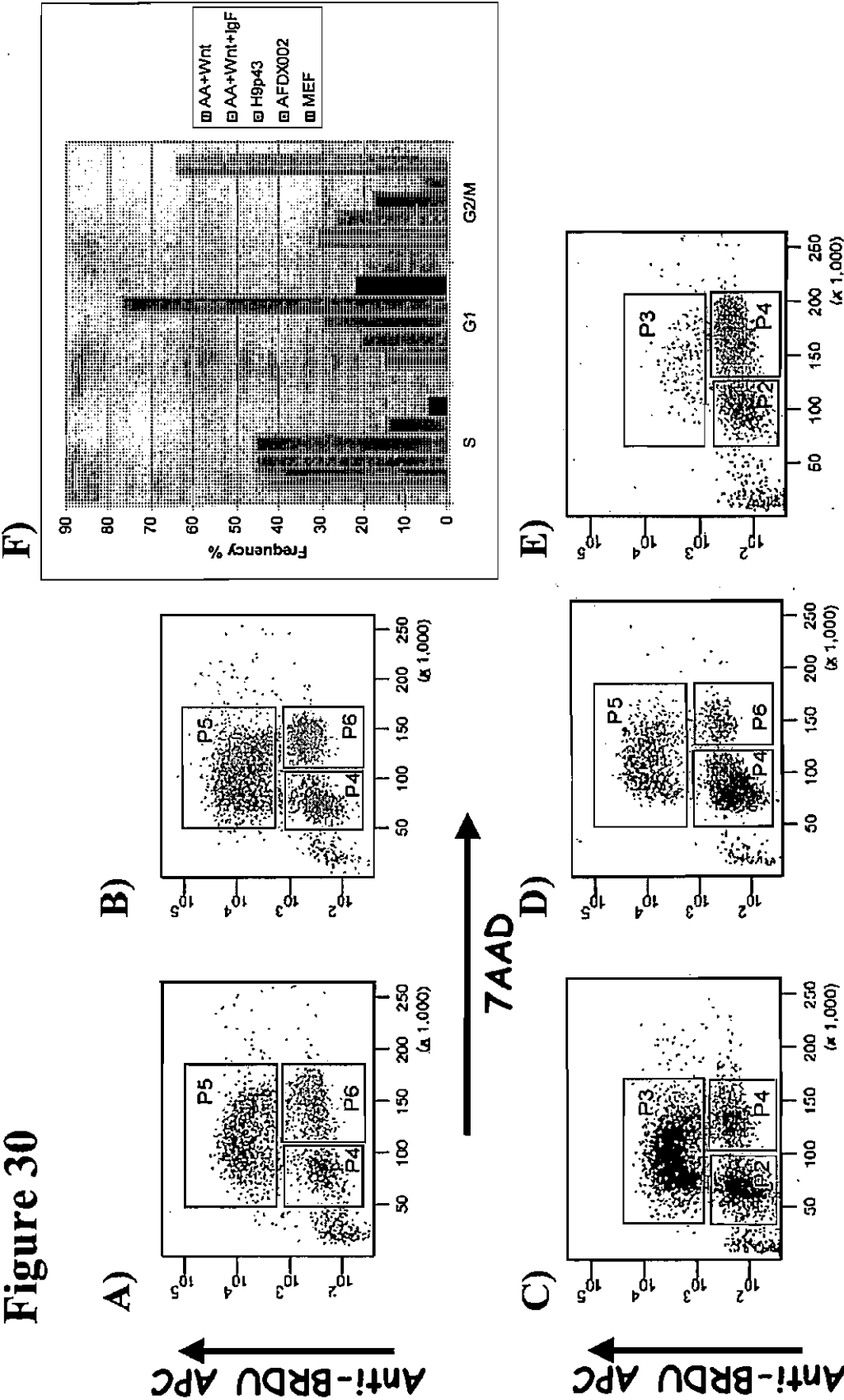
Alireza Rezania

Figure 29 continued



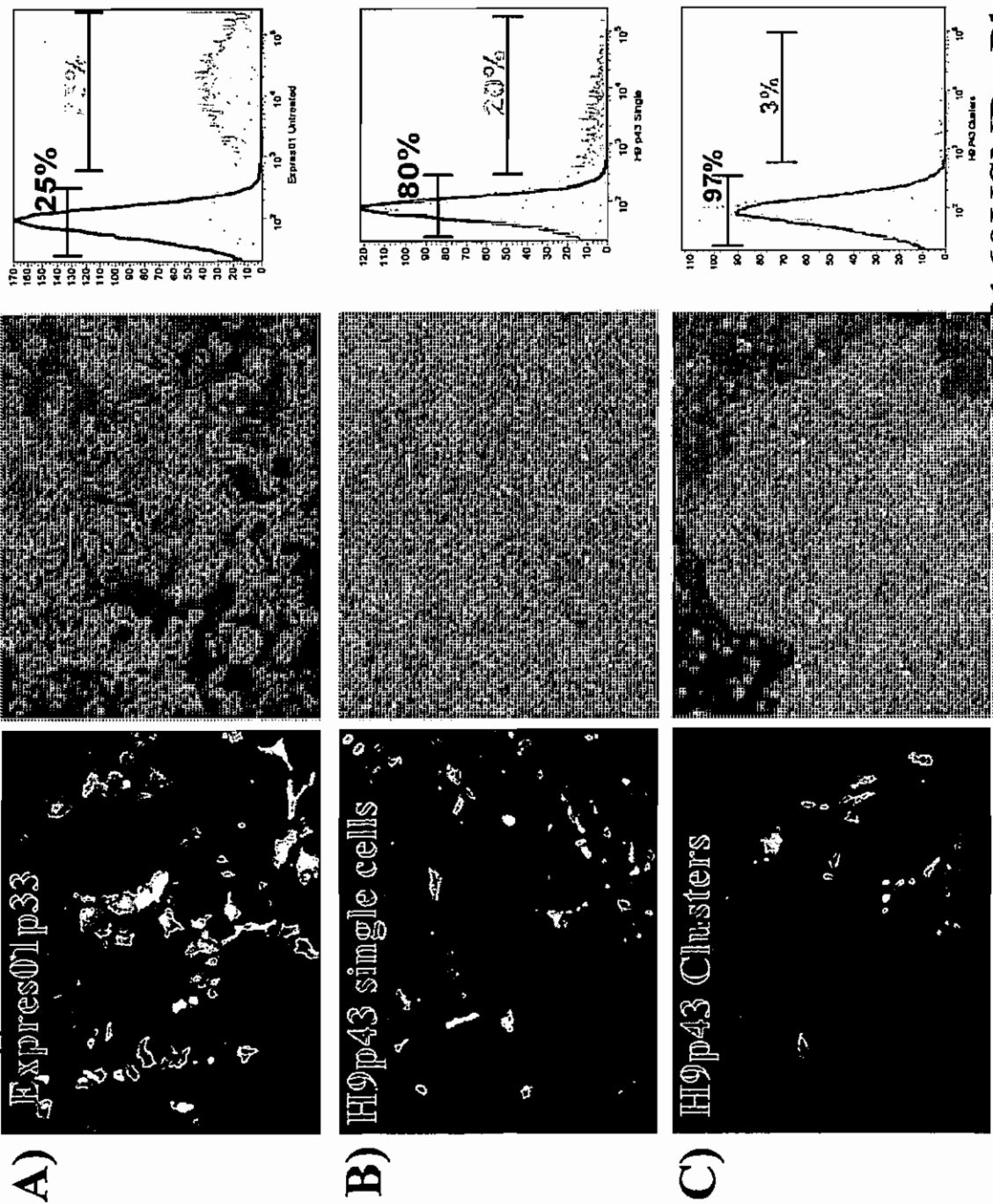
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 30



LFS5160USNP: Pluripotent Cells
Alireza Rezania

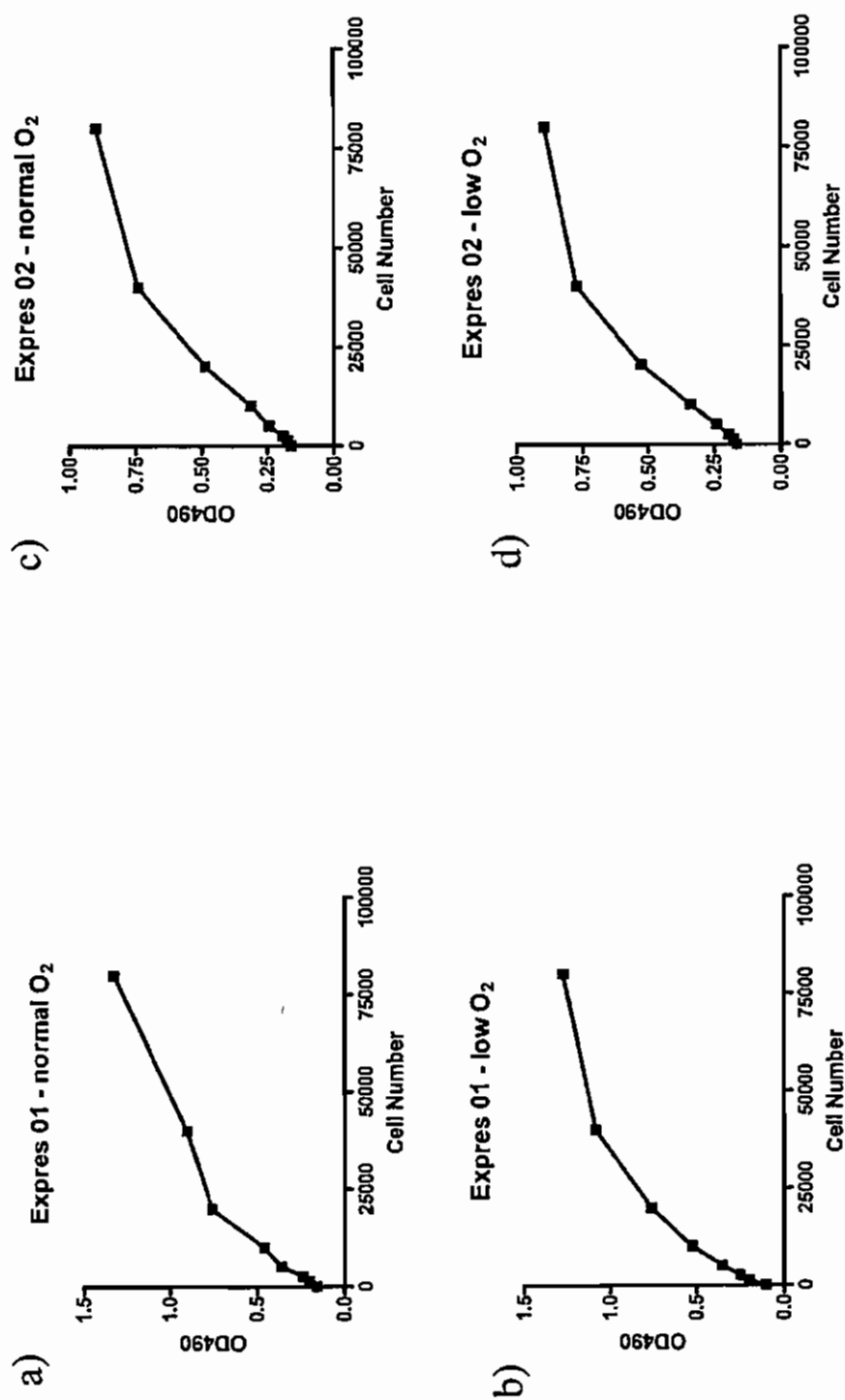
Figure 31



LFS5160USNP: Pluripotent Cells

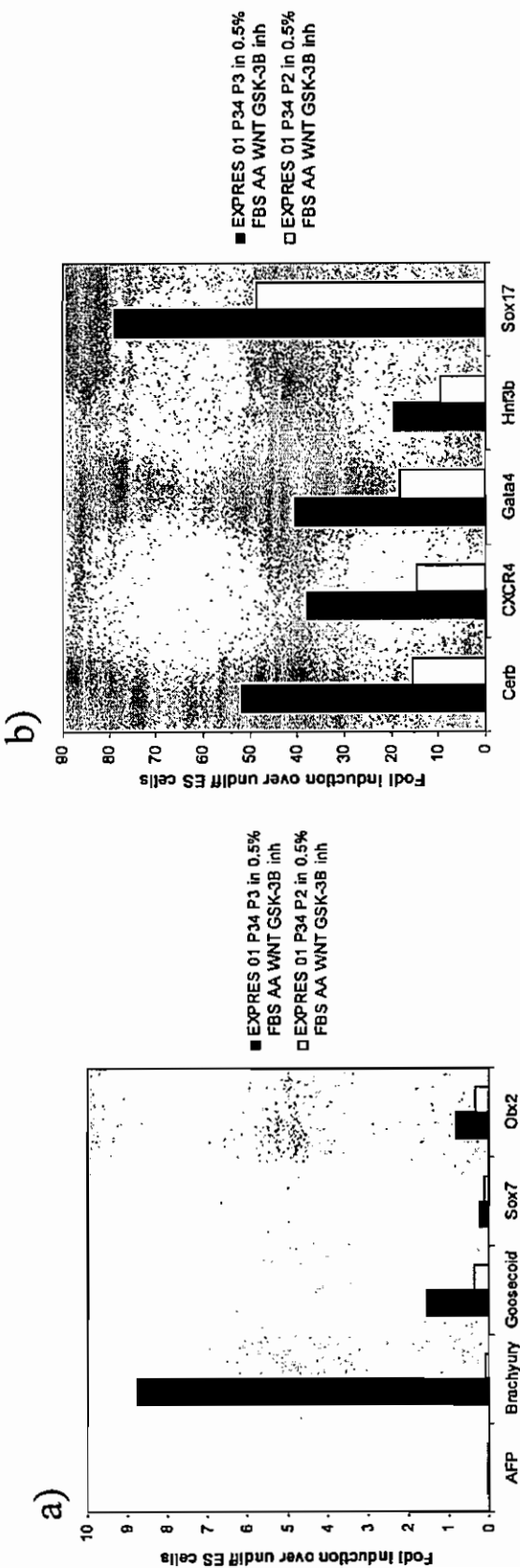
Alireza Rezania

Figure 32



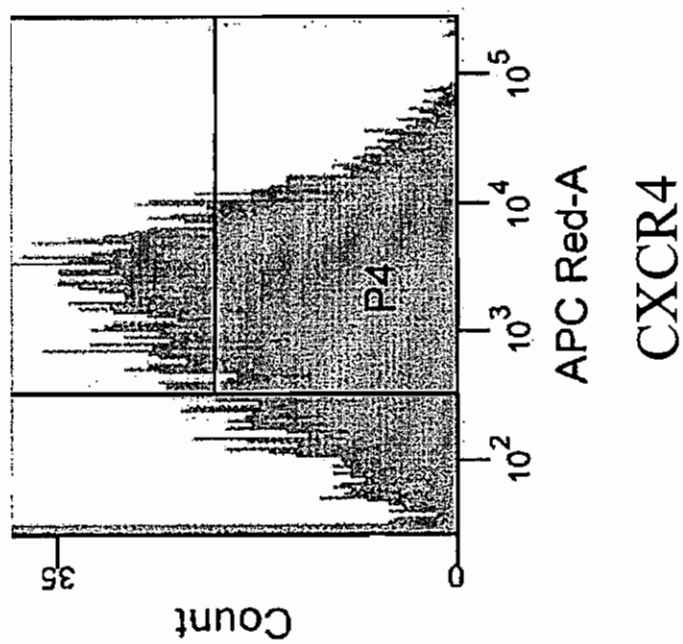
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 33



LFS5160USNP: Pluripotent Cells
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Figure 34

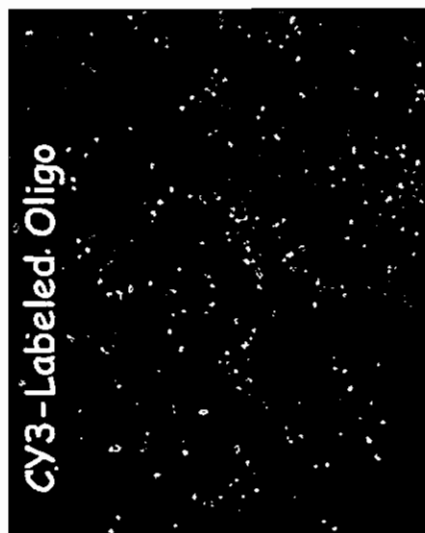


LFS5160USNP: Pluripotent Cells
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Figure 35

LFS5160USNP: Pluripotent Cells
Alireza Rezania

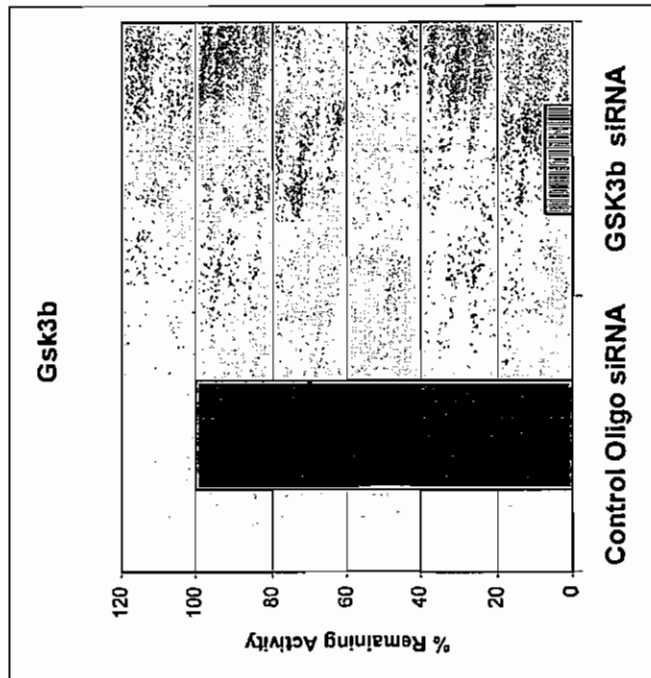
A) i)



ii)



B) i)



ii)

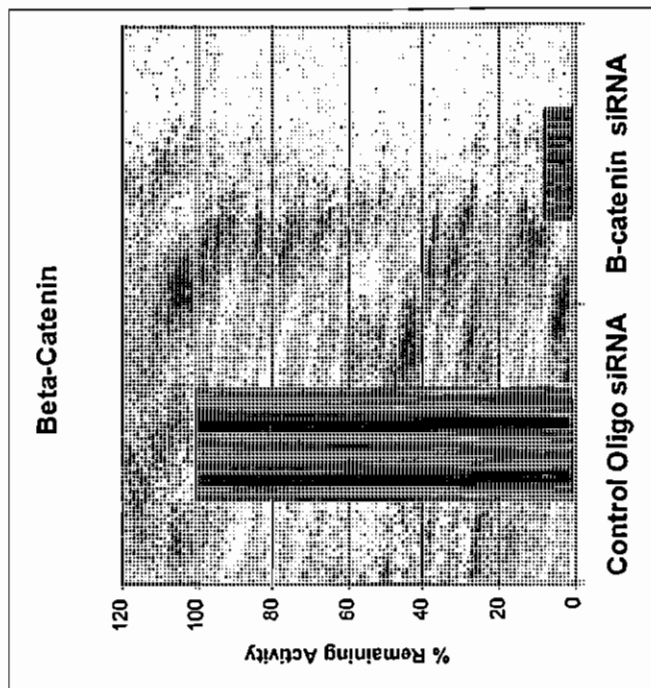
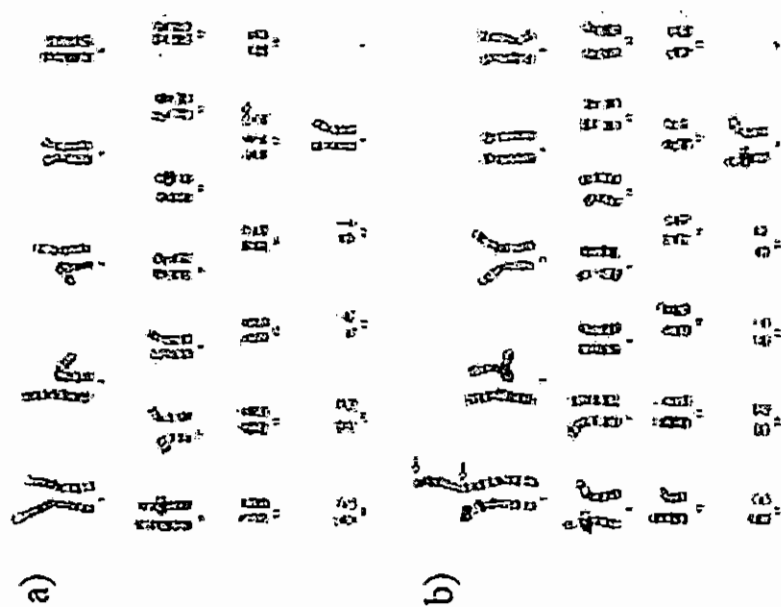
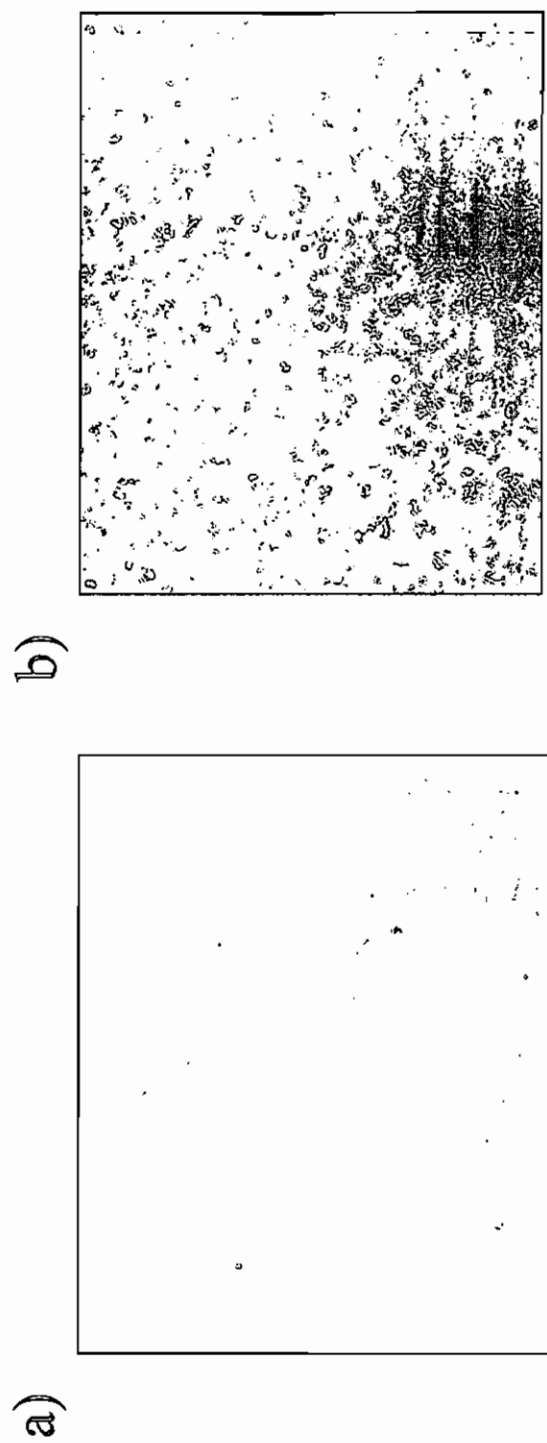


Figure 36



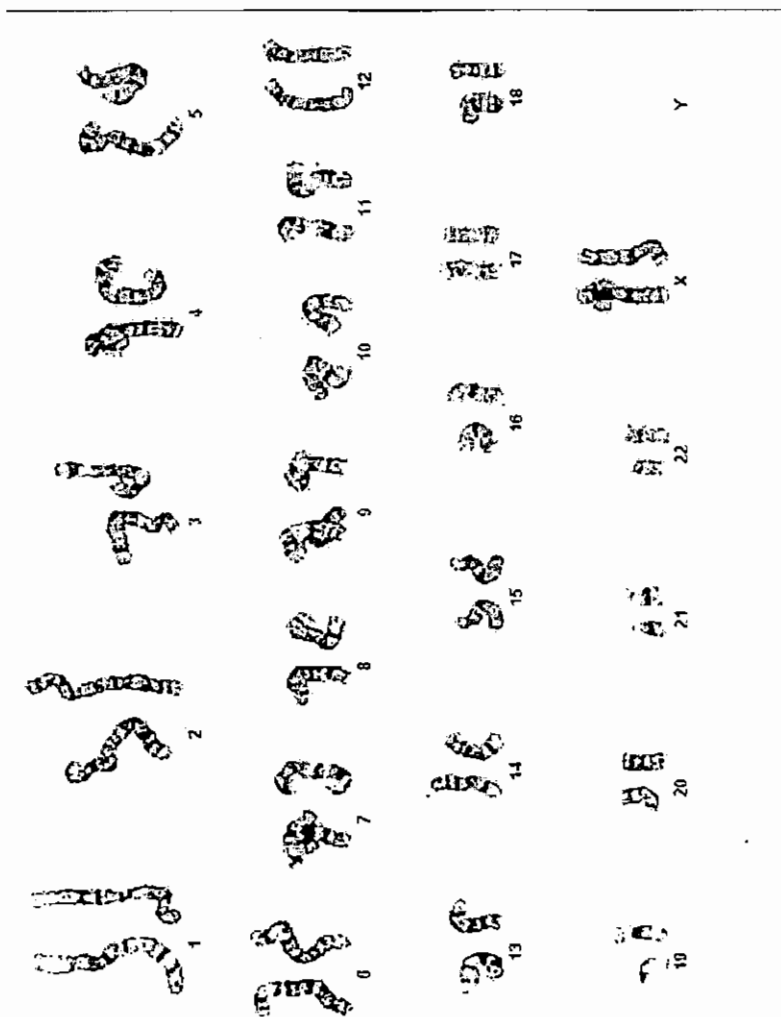
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 37



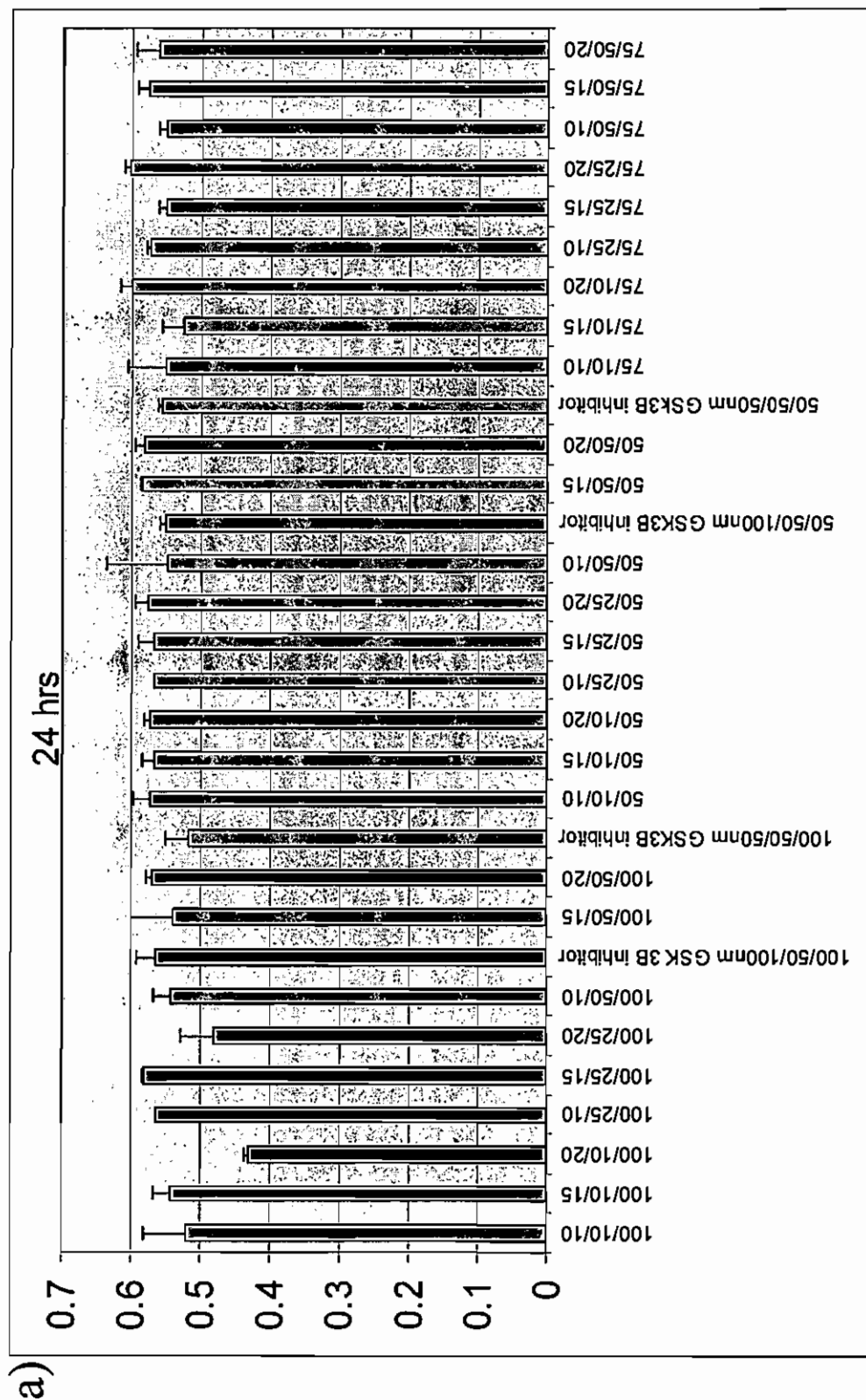
LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 38



LFS5160USNP: Pluripotent Cells
Alireza Rezania

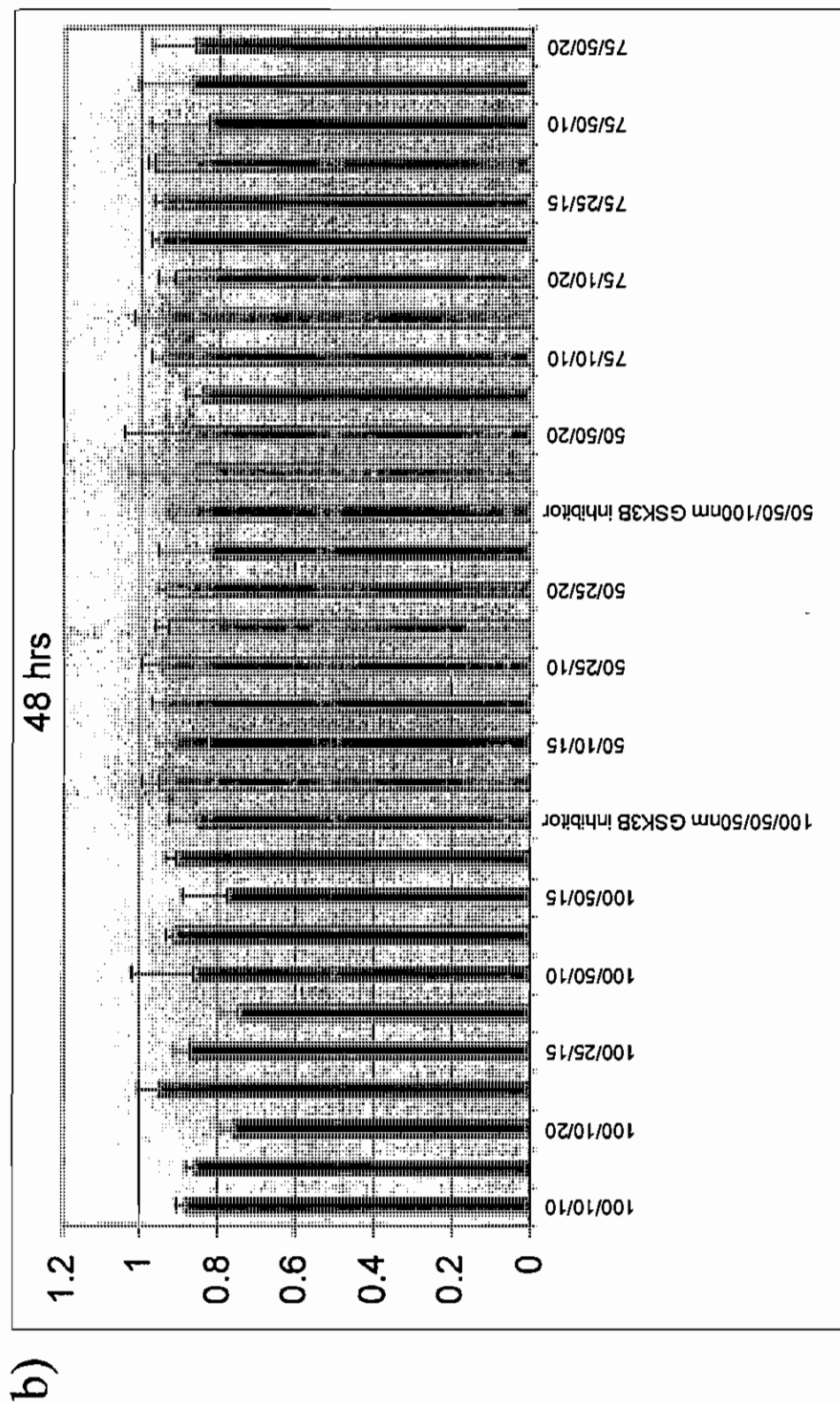
Figure 39



LFS5160USNP: Pluripotent Cells

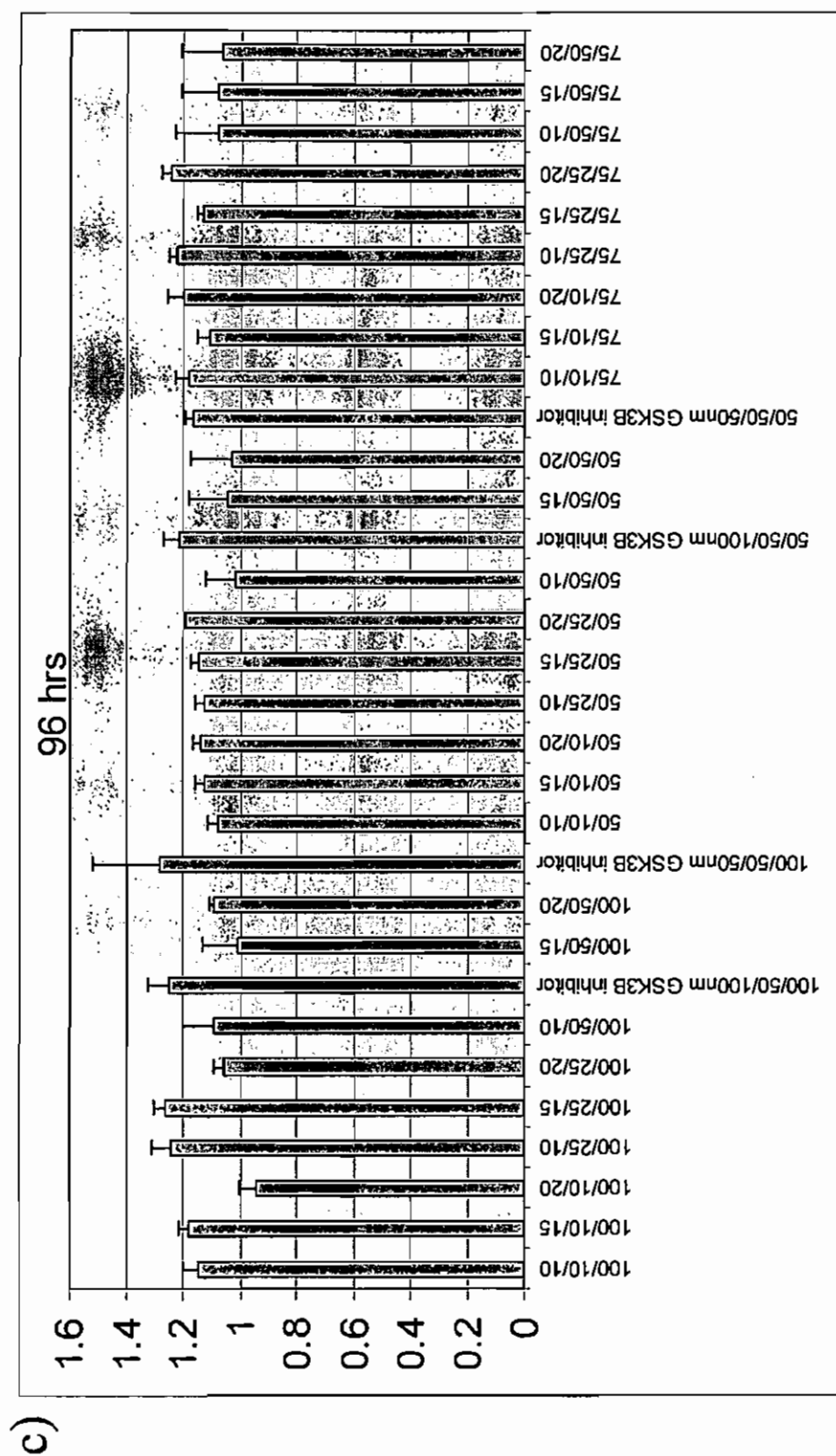
Alireza Rezania

Figure 39 continued



LFS5160USNP: Pluripotent Cells
Alireza Rezania

Figure 39 continued



LFS5160USNP: Pluripotent Cells
Alireza Rezania