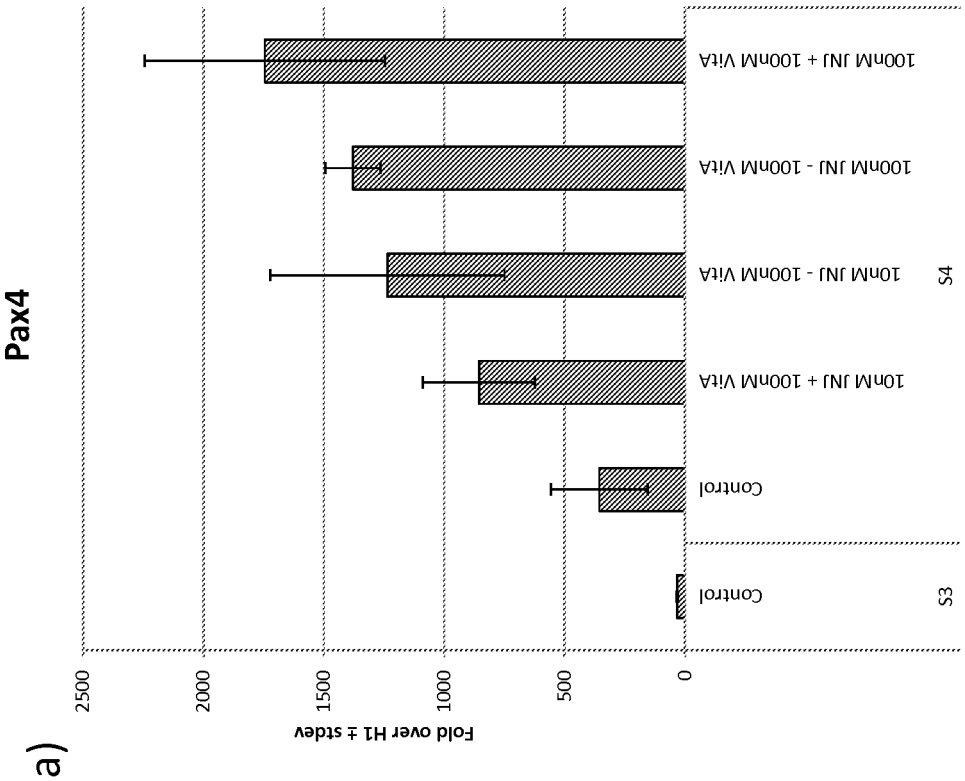
Figure 1


a)
Pax4
Fold over H1 ± stdev
2500
2000
1500
1000
500
0
Control
10nM JNJ + 100nM VitA
10nM JNJ - 100nM VitA
100nM JNJ - 100nM VitA
100nM JNJ + 100nM VitA
S3
S4

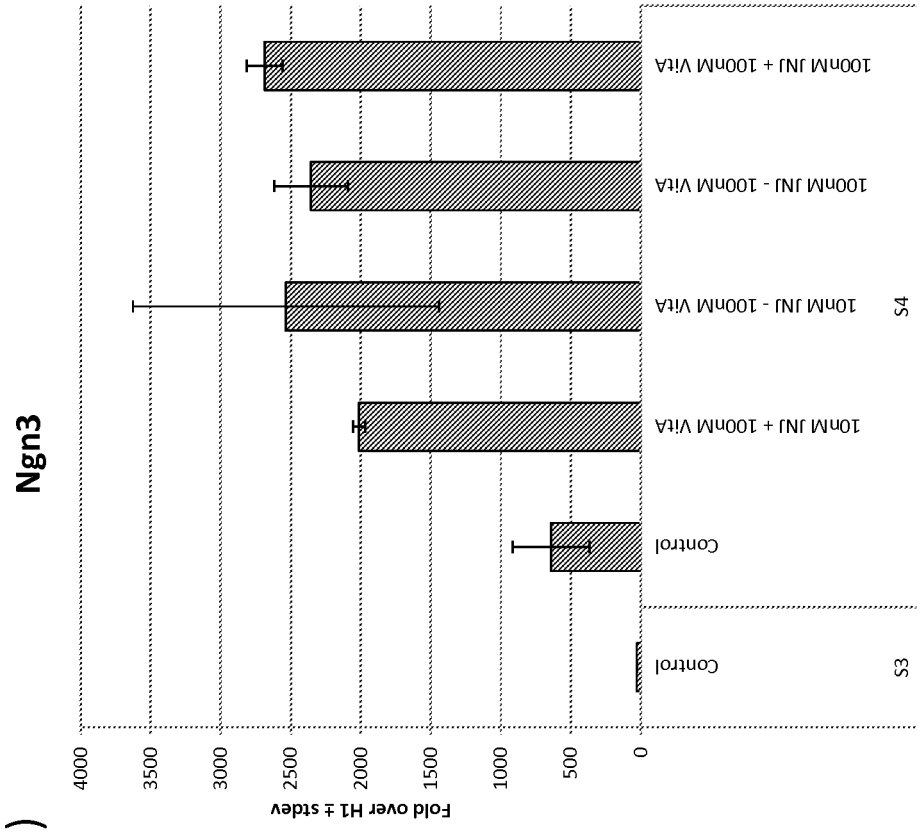

b)
Ngn3
Fold over H1 ± stdev
4000
3500
3000
2500
2000
1500
1000
500
0
Control
10nM JNJ + 100nM VitA
10nM JNJ - 100nM VitA
100nM JNJ - 100nM VitA
100nM JNJ + 100nM VitA
S3
S4

Figure 1 Continued

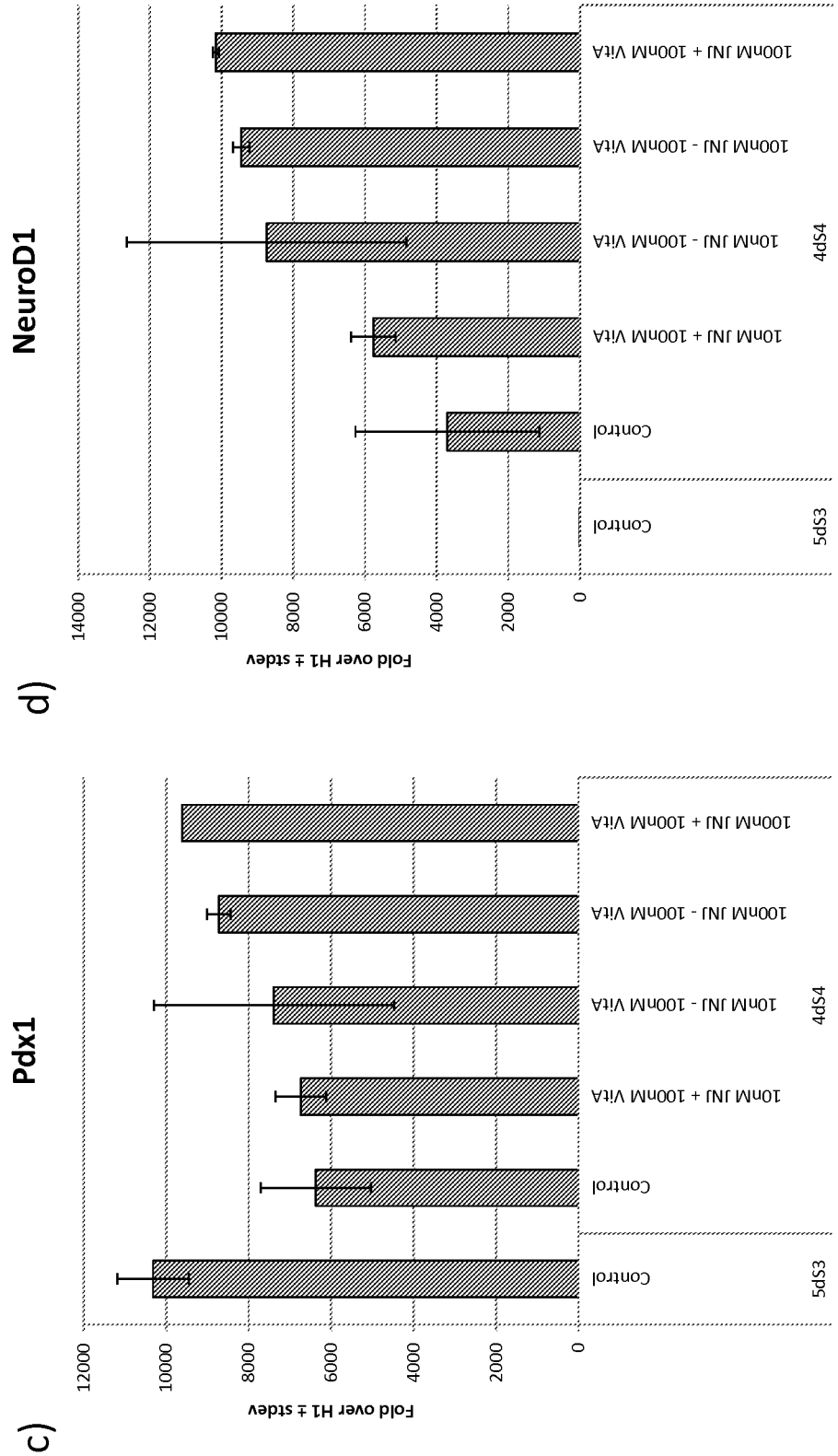
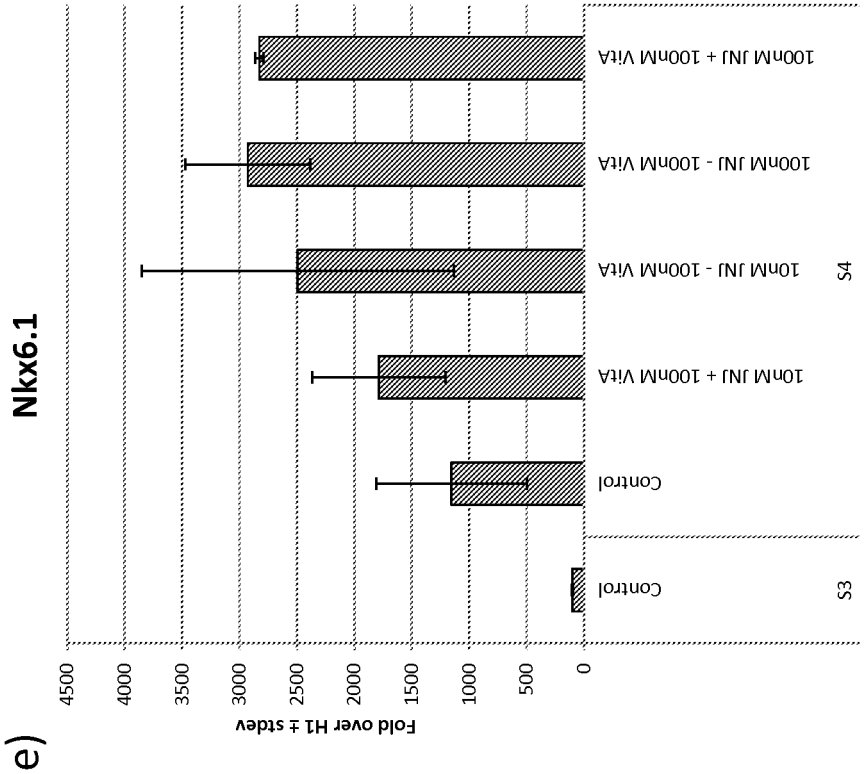


Figure 1 Continued



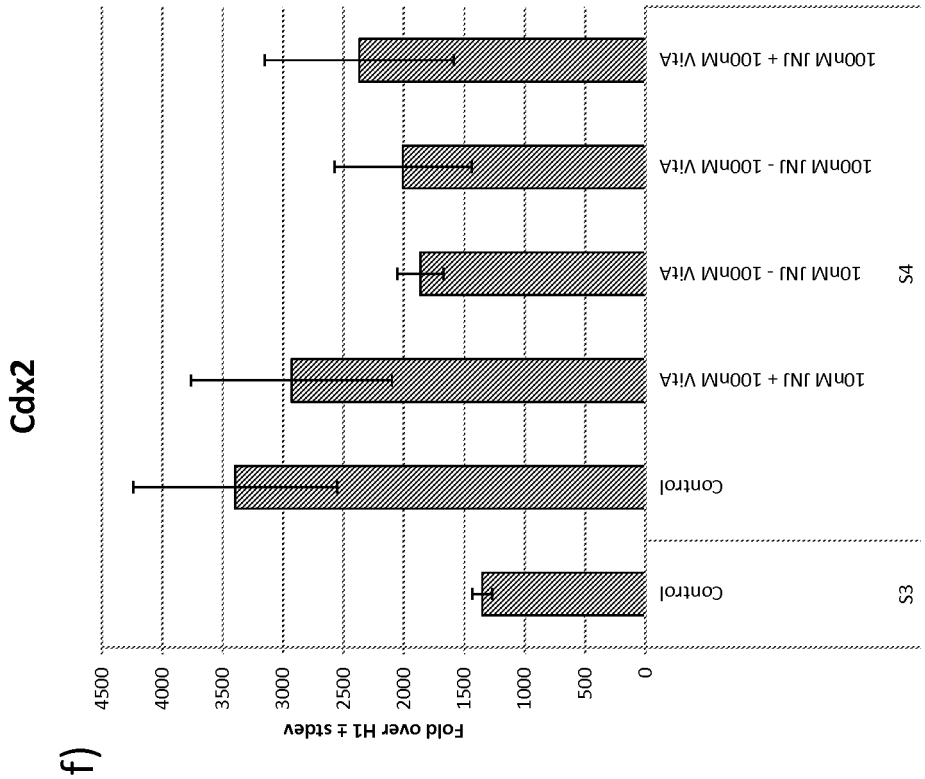
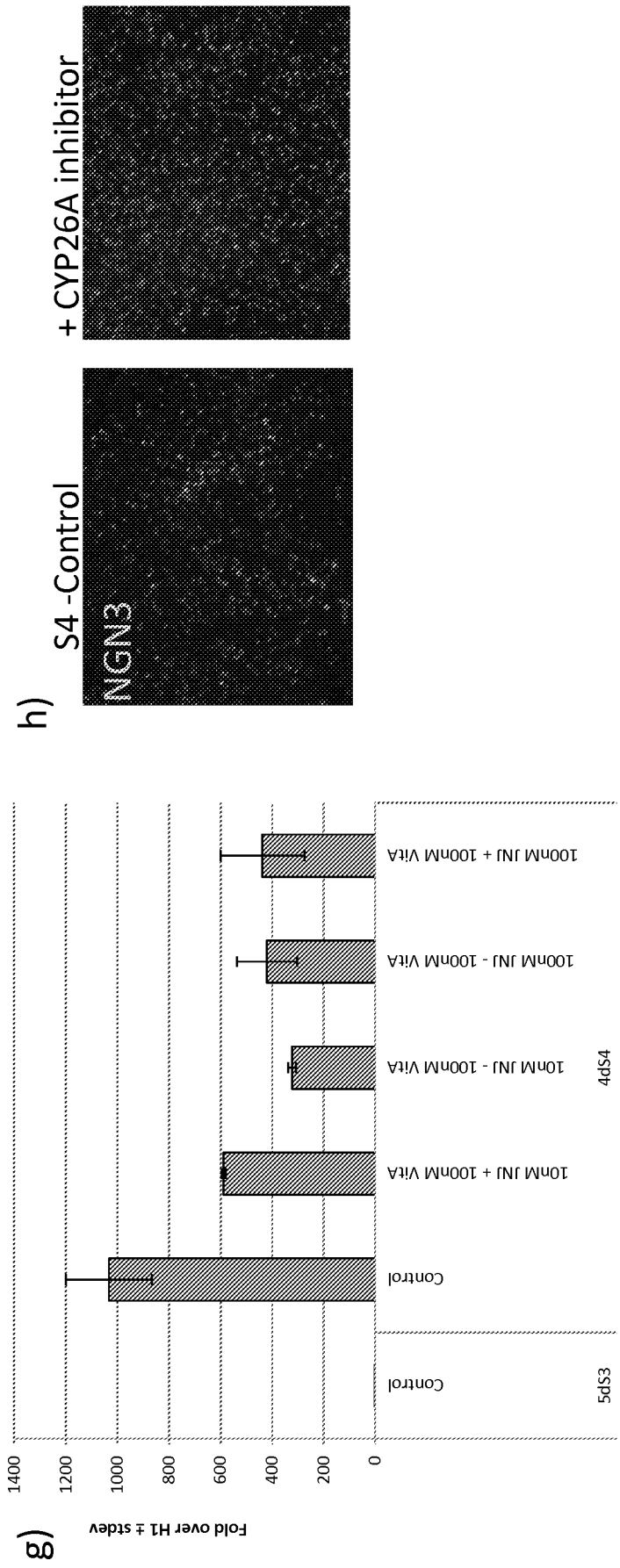
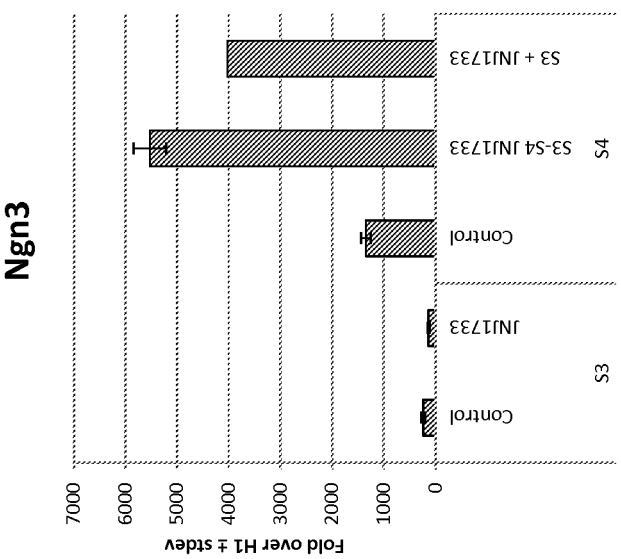
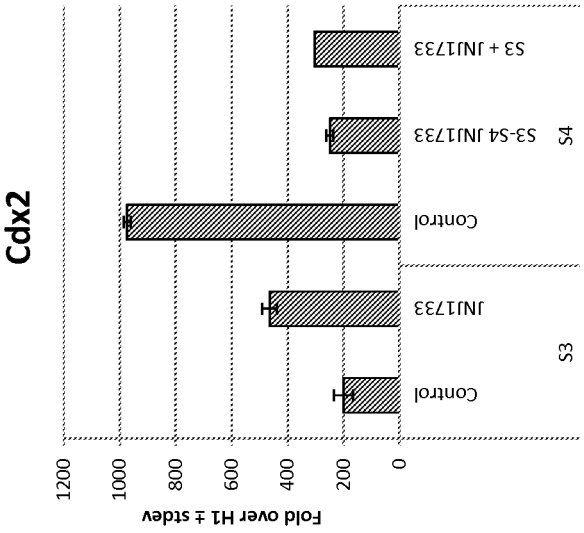
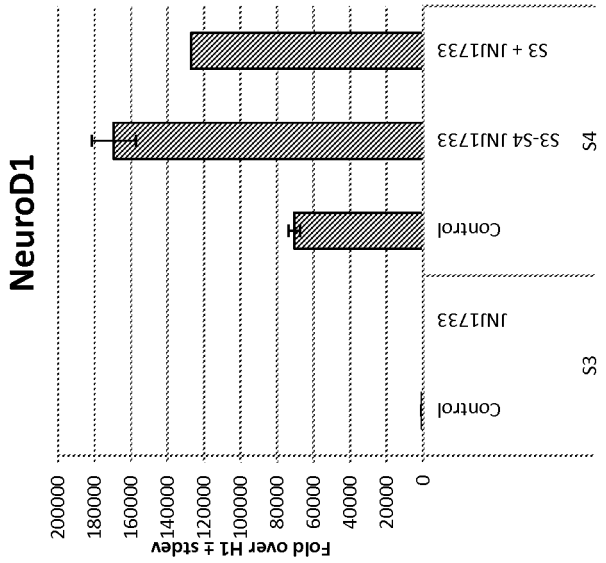


Figure 1 Continued




Ngn3
Fold over H1 ± stdev
0
1000
2000
3000
4000
5000
6000
7000
Control
JNJ1733
Control
S3-S4 JNJ1733
S3 + JNJ1733
S3
S4


Cdx2
Fold over H1 ± stdev
0
200
400
600
800
1000
1200
Control
JNJ1733
Control
S3-S4 JNJ1733
S3 + JNJ1733
S3
S4


NeuroD1
Fold over H1 ± stdev
0
20000
40000
60000
80000
100000
120000
140000
160000
180000
200000
Control
JNJ1733
Control
S3-S4 JNJ1733
S3 + JNJ1733
S3
S4

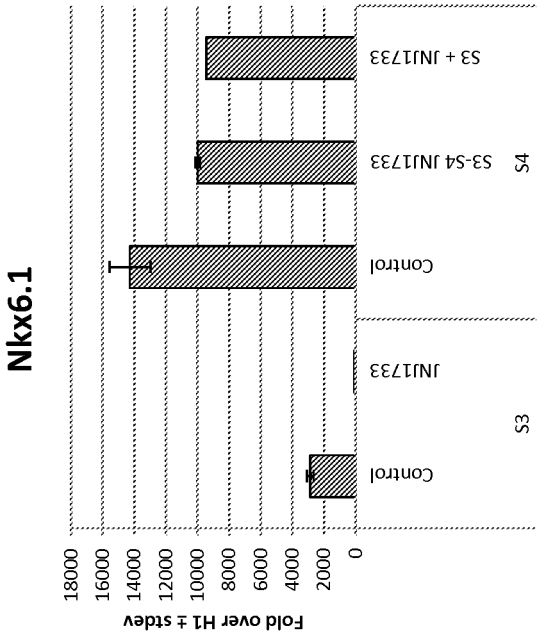

Nkx6.1
Fold over H1 ± stdev
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
Control
JNJ1733
Control
S3-S4 JNJ1733
S3 + JNJ1733
S3
S4

Figure 2

Figure 2 Continued

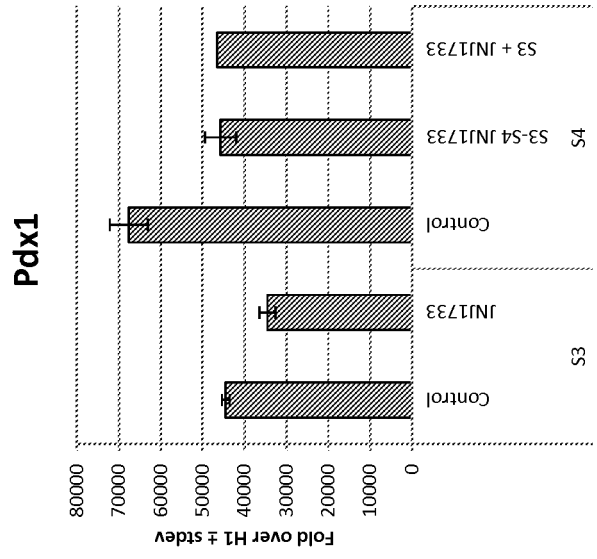


Figure 3

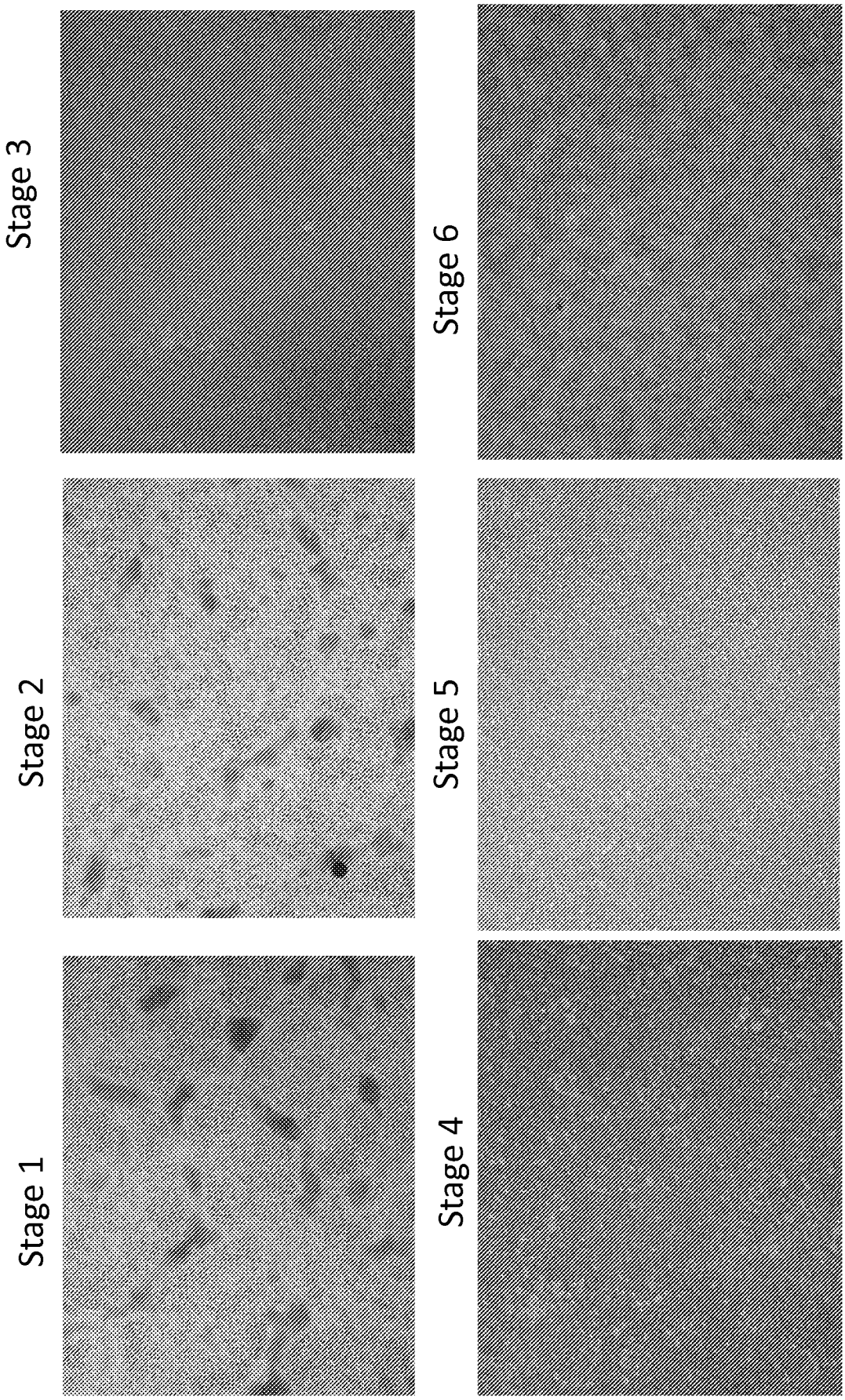


Figure 4

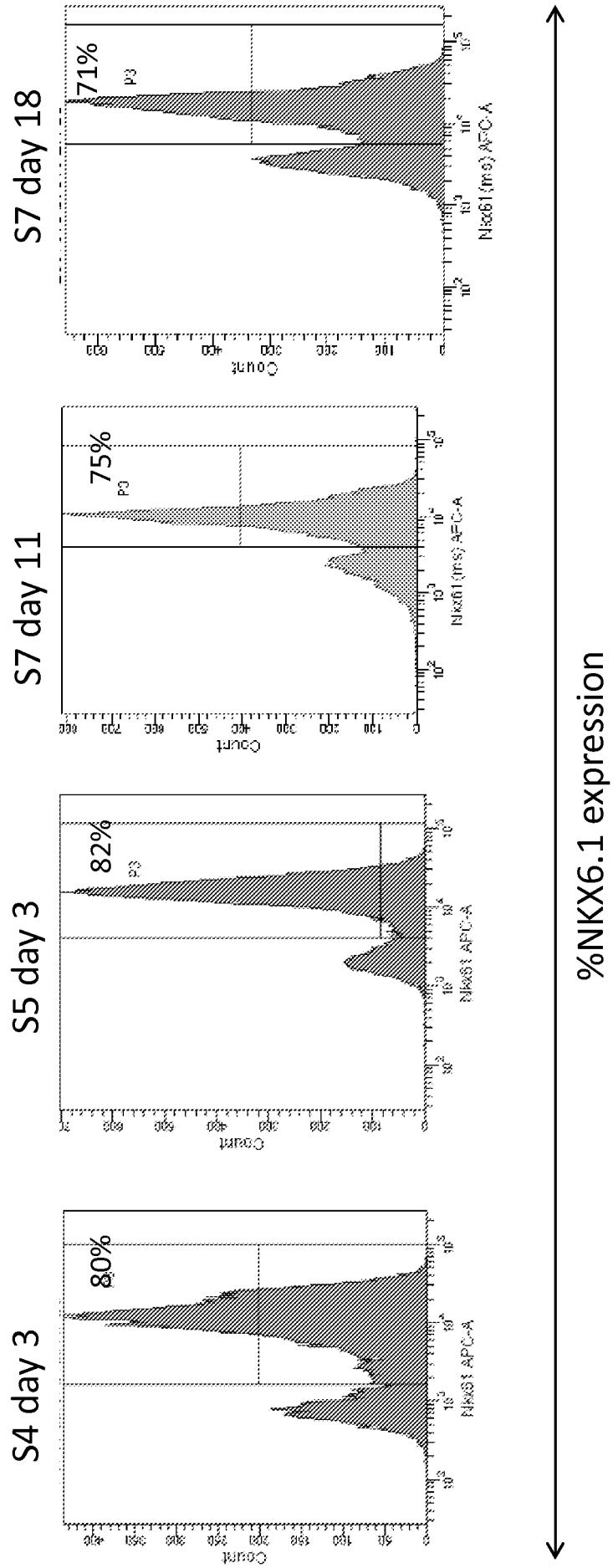
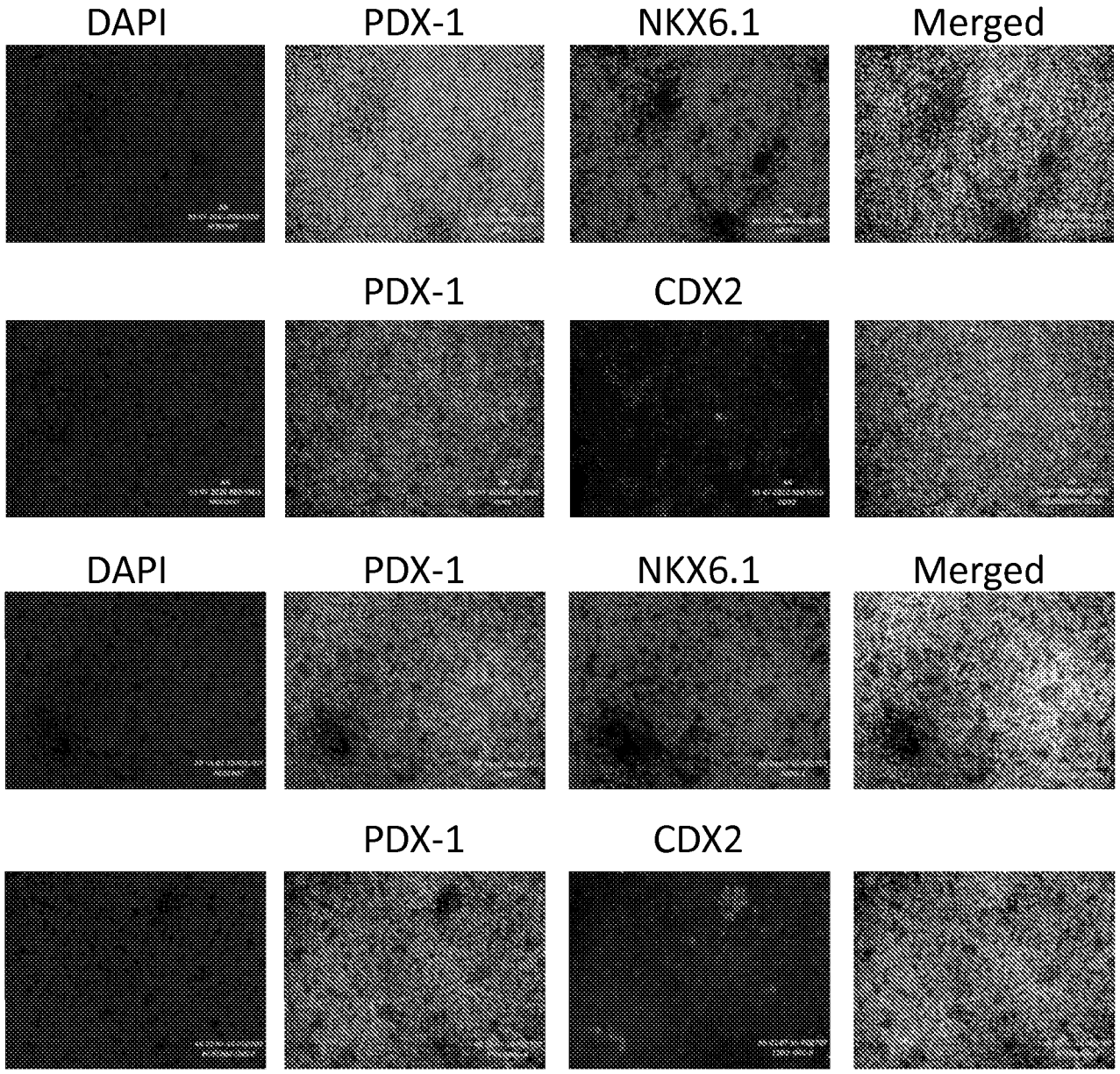


Figure 5



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