FIG.1

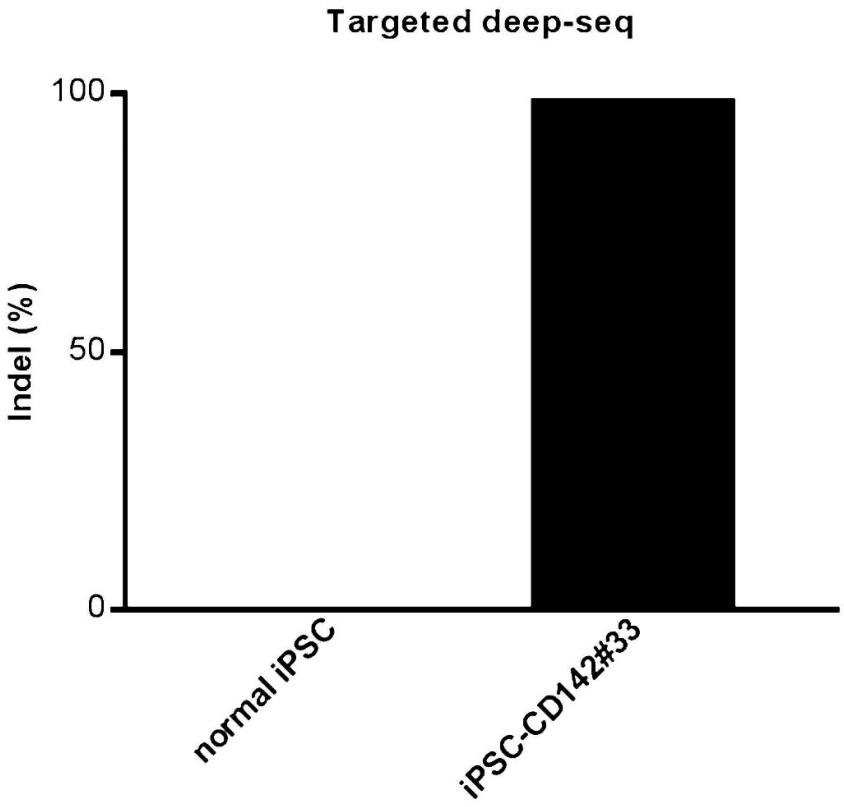


Fig. 2

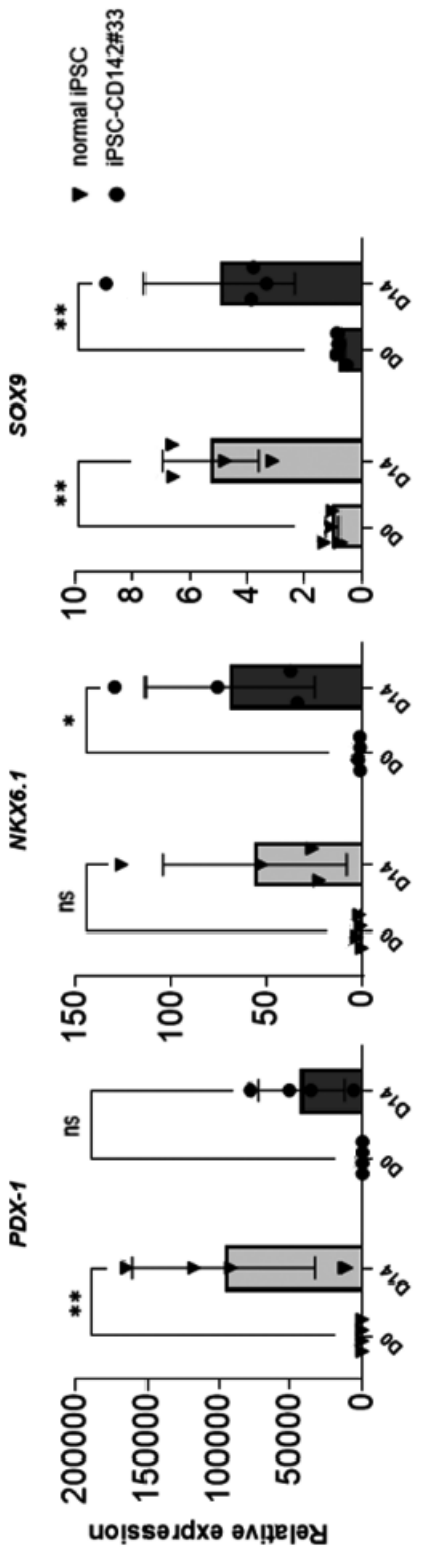

normal iPSC
iPSC-CD142#33
PDX-1
NKX6.1
SOX9
Relative expression
200000
150000
100000
50000
0
150
100
50
0
10
8
6
4
2
0
**
ns
ns
*
**
D0
D14

Fig.3

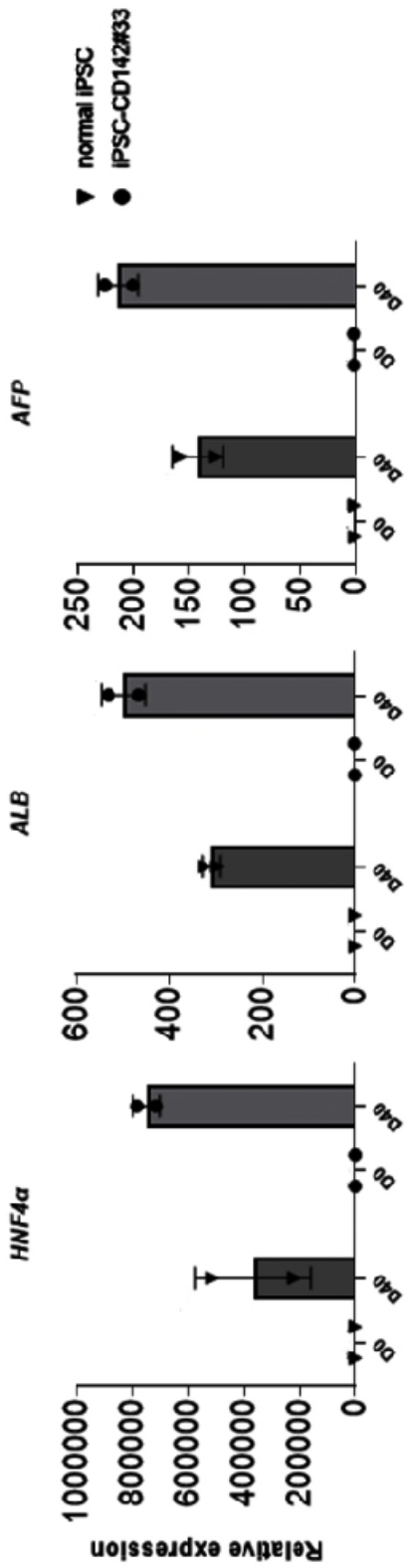

normal iPSC
iPSC-CD142#33
HNF4α
ALB
AFP
Relative expression
1000000
800000
600000
400000
200000
0
600
400
200
0
250
200
150
100
50
0
D0
D40

FIG.4

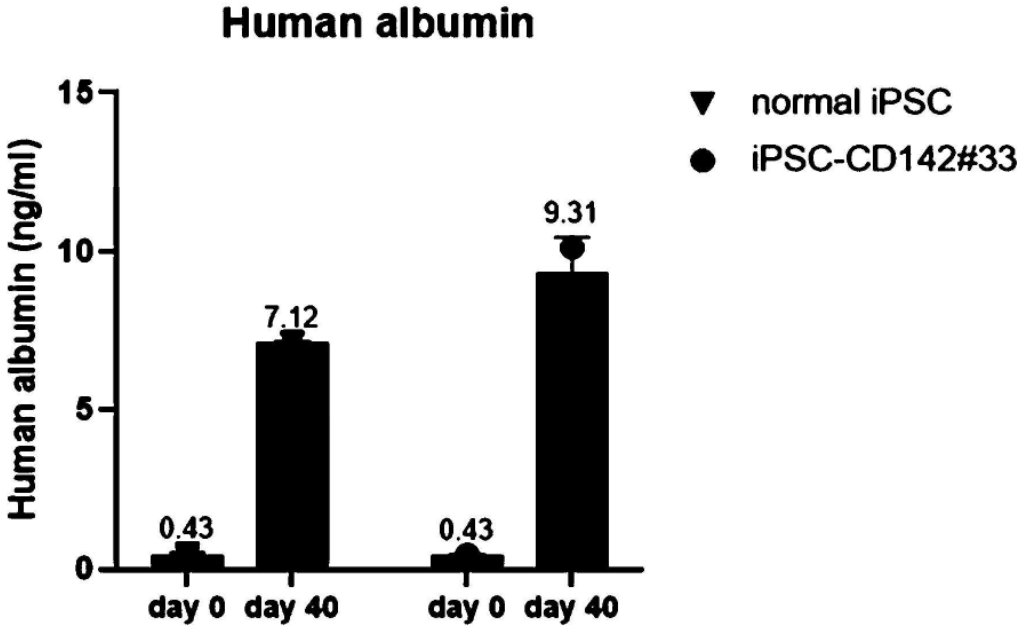

Human albumin
Human albumin (ng/ml)
15
10
5
0
0.43
7.12
0.43
9.31
day 0
day 40
day 0
day 40
normal iPSC
iPSC-CD142#33

FIG.5

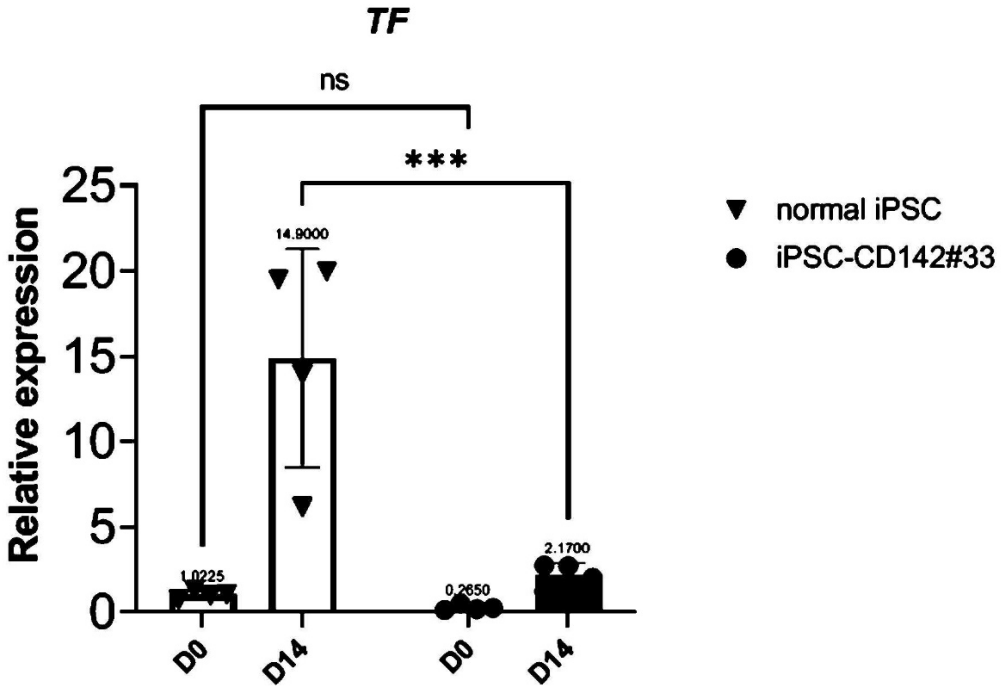

TF
ns
***
Relative expression
25
20
15
10
5
0
14.9000
1.0225
0.2650
2.1700
D0
D14
D0
D14
normal iPSC
iPSC-CD142#33

FIG.6

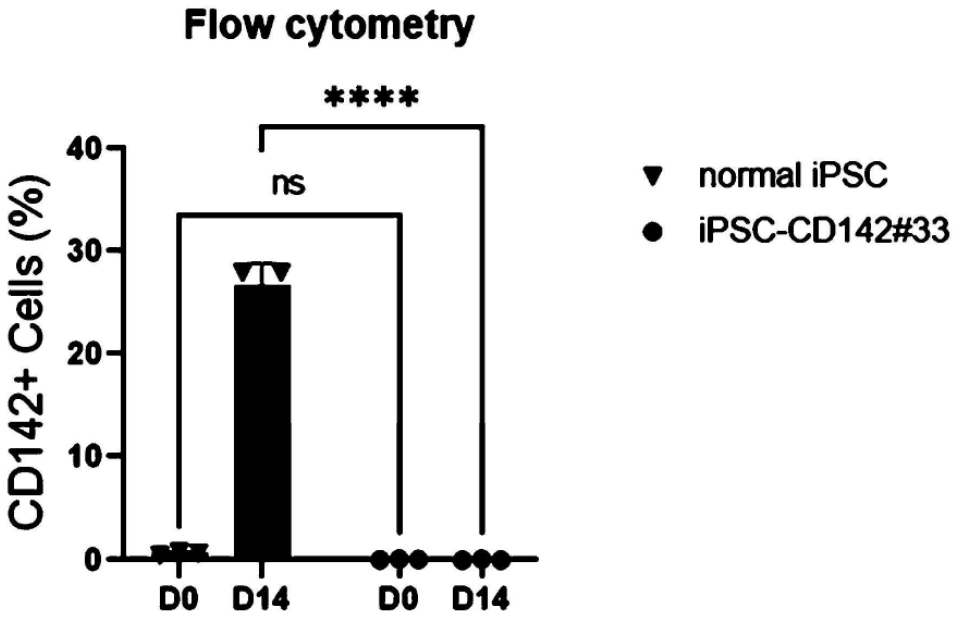

Flow cytometry
****
ns
CD142+ Cells (%)
40
30
20
10
0
D0
D14
D0
D14
normal iPSC
iPSC-CD142#33

FIG.7

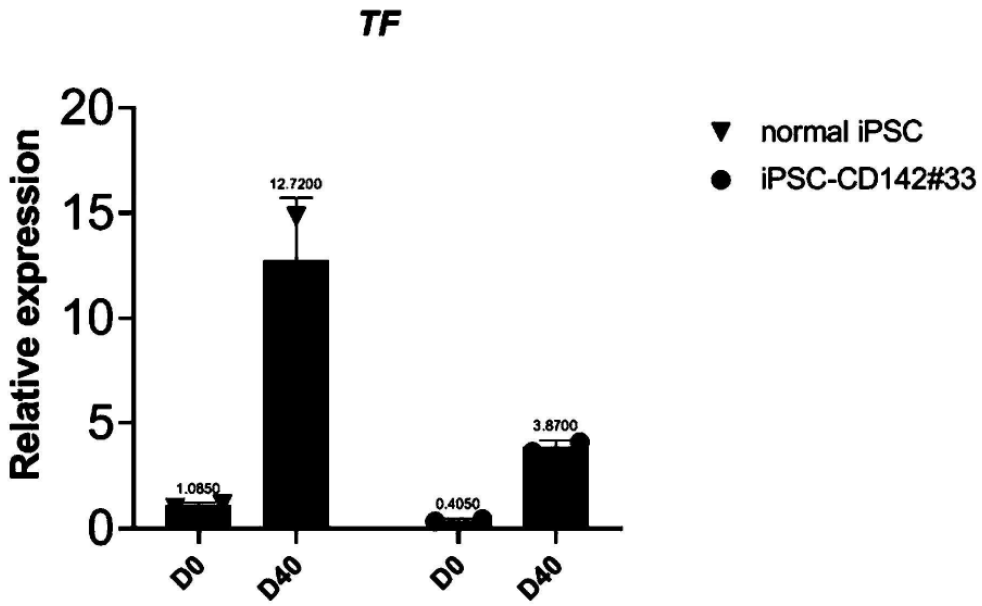

TF
Relative expression
20
15
10
5
0
12.7200
1.0850
0.4050
3.8700
D0
D40
D0
D40
normal iPSC
iPSC-CD142#33

FIG.8

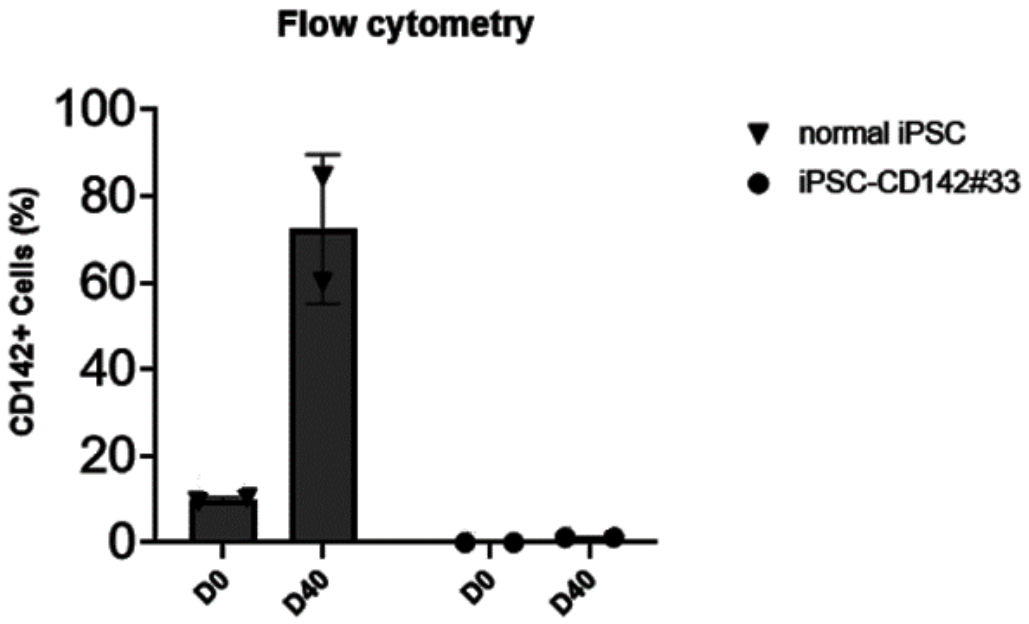

Flow cytometry
CD142+ Cells (%)
100
80
60
40
20
0
D0
D40
D0
D40
normal iPSC
iPSC-CD142#33

Fig.9

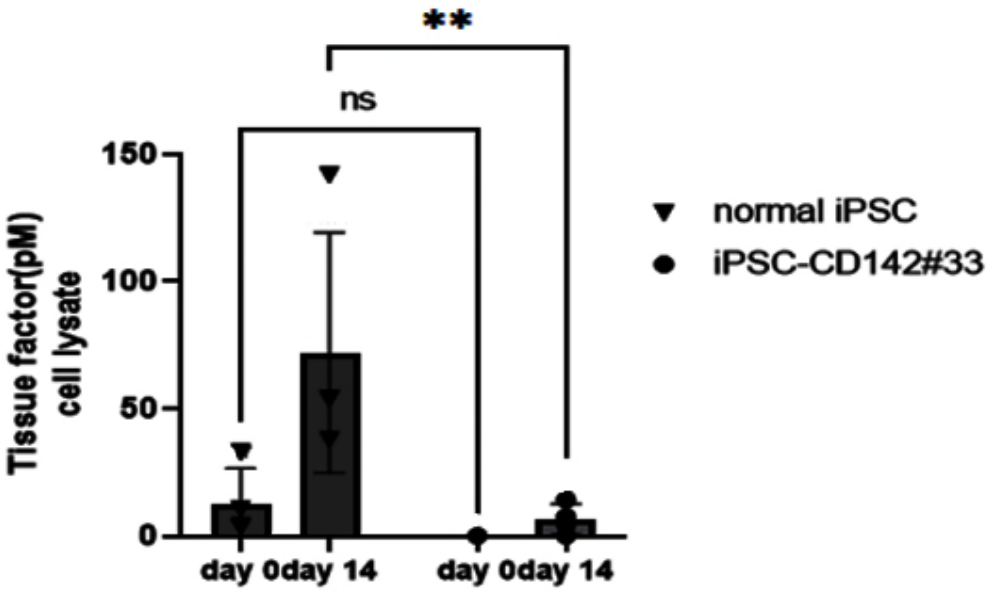
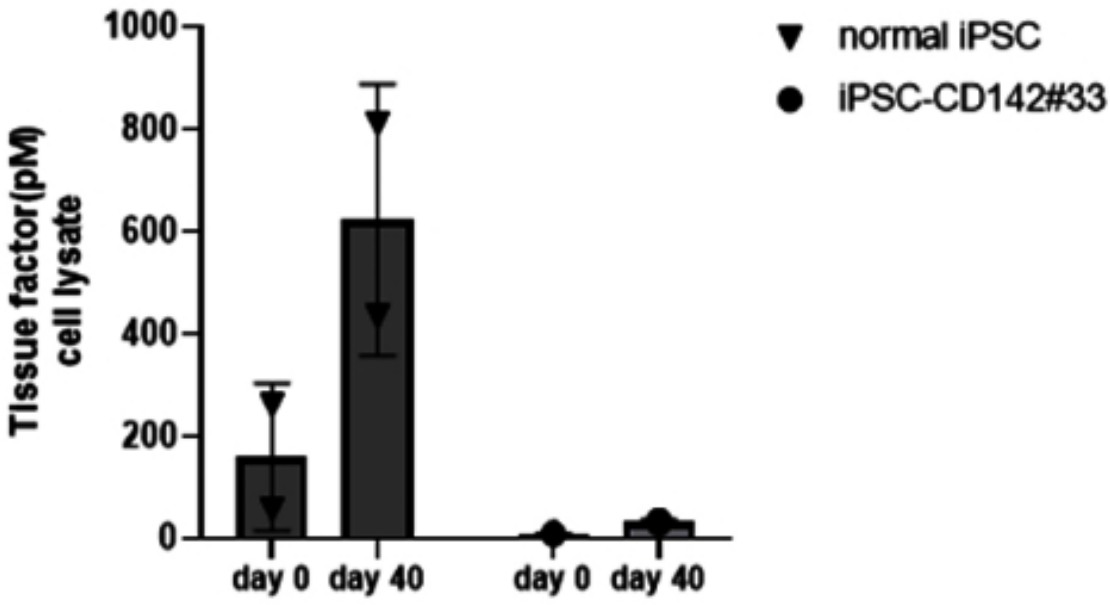

**
ns
Tissue factor(pM)
cell lysate
150
100
50
0
day 0
day 14
day 0
day 14
normal iPSC
iPSC-CD142#33

Fig.10


normal iPSC
iPSC-CD142#33
Tissue factor(pM)
cell lysate
1000
800
600
400
200
0
day 0
day 40
day 0
day 40