FIG. 1

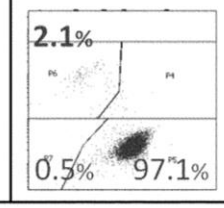
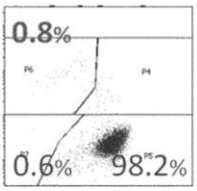
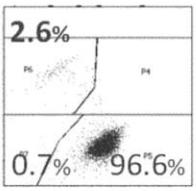
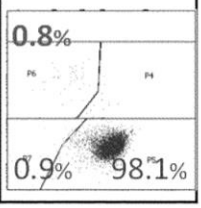
Pluripotent stem cell	Ff-I01s04		Ff-I14s03	
Insulin	(+)	(+)→(-)	(+)	(+)→(-)
SOX2+ / SOX17+				

FIG. 2

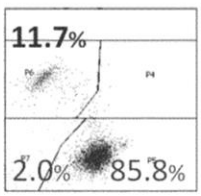
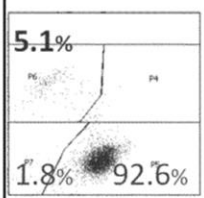
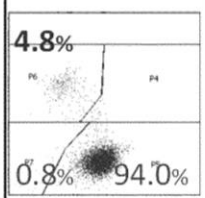
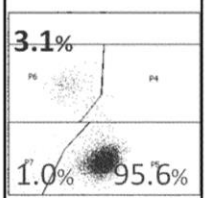
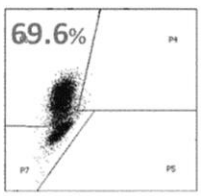
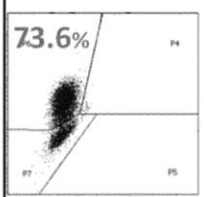
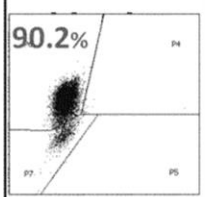
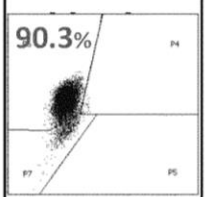
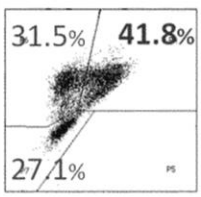
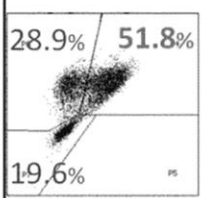
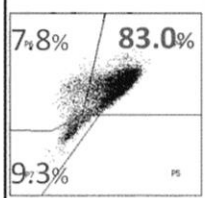
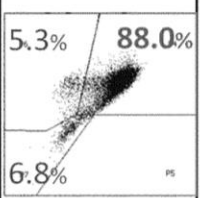
Pluripotent stem cell	Ff-MH15s02			
The number of seeded cells (× 10^4 cells/well)	200	250	200	250
Basal medium	RPMI	RPMI	DMEM	DMEM
Insulin	(+)	(+)	(+)→(-)	(+)→(-)
SOX2+ / SOX17+				
PDX1+ / NKX6.1+ (Posterior foregut cell)				
PDX1+ / NKX6.1+ (Pancreatic progenitor cell)				

FIG. 3

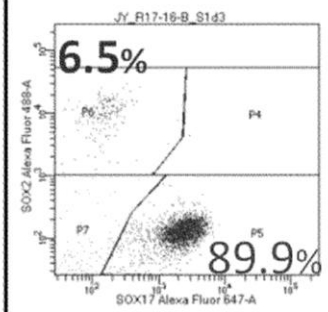
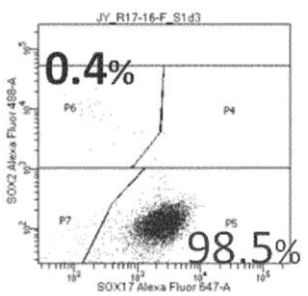
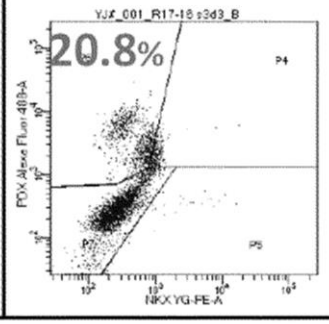
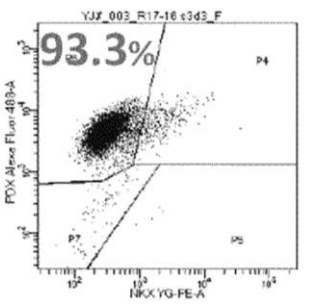
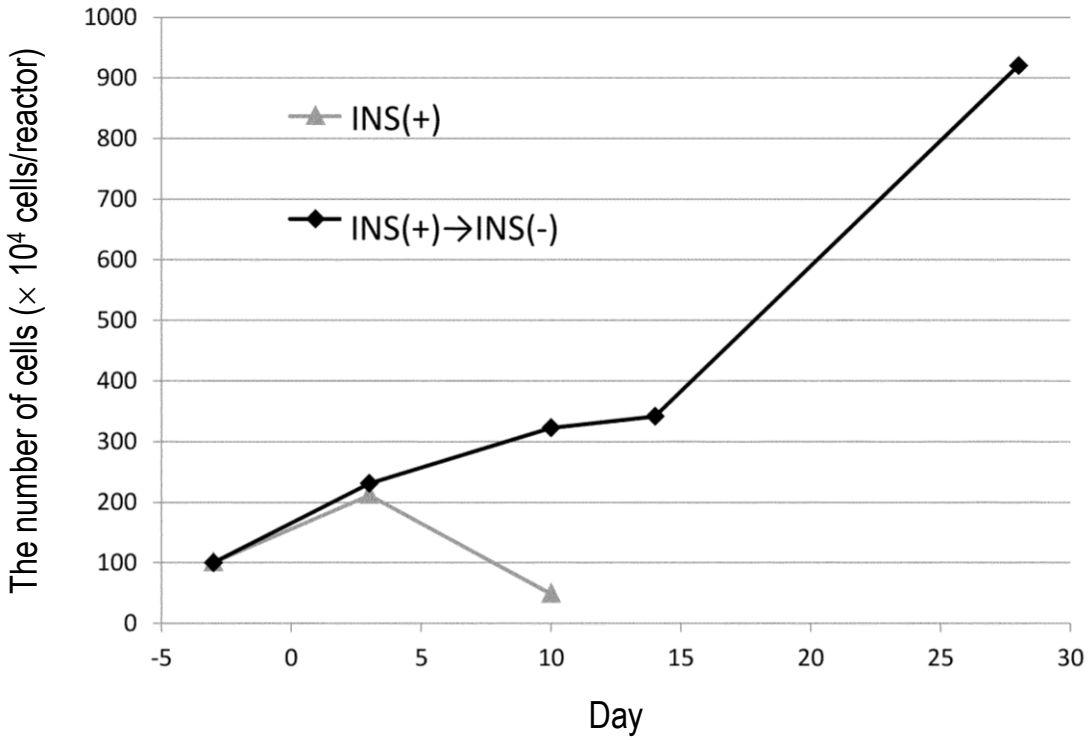
Pluripotent stem cell	Ff-I14s04	
Basal medium	RPMI	DMEM
Insulin	(+)	(+)→(-)
$SOX2^+$ / $SOX17^+$		
$PDX1^+$ / $NKX6.1^+$ (Posterior foregut cell)		

FIG. 4


1000
900
800
700
600
500
400
300
200
100
0
The number of cells (× 10⁴ cells/reactor)
INS(+)
INS(+)→INS(-)
-5
0
5
10
15
20
25
30
Day