

Fig. 1

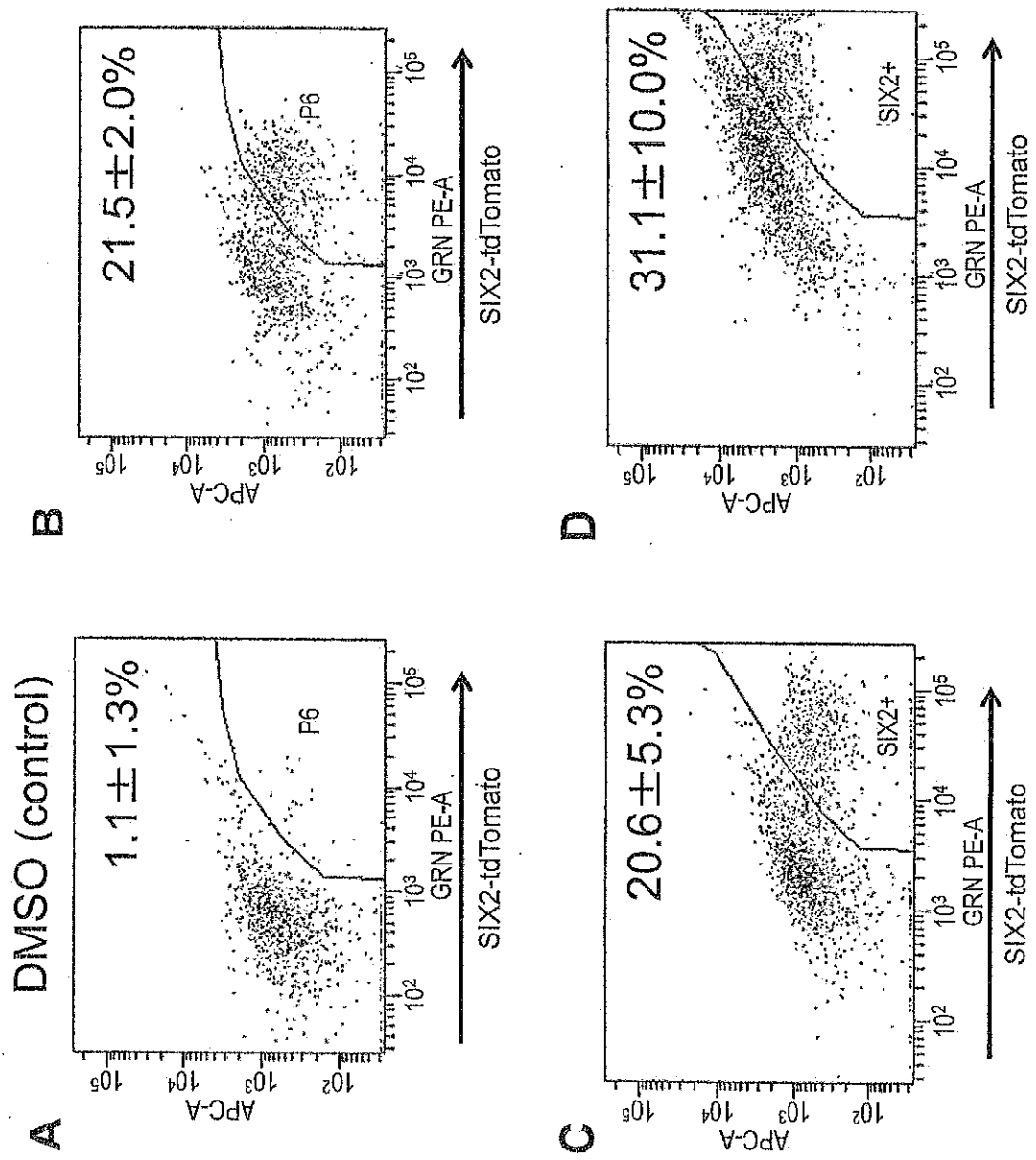


Fig. 2

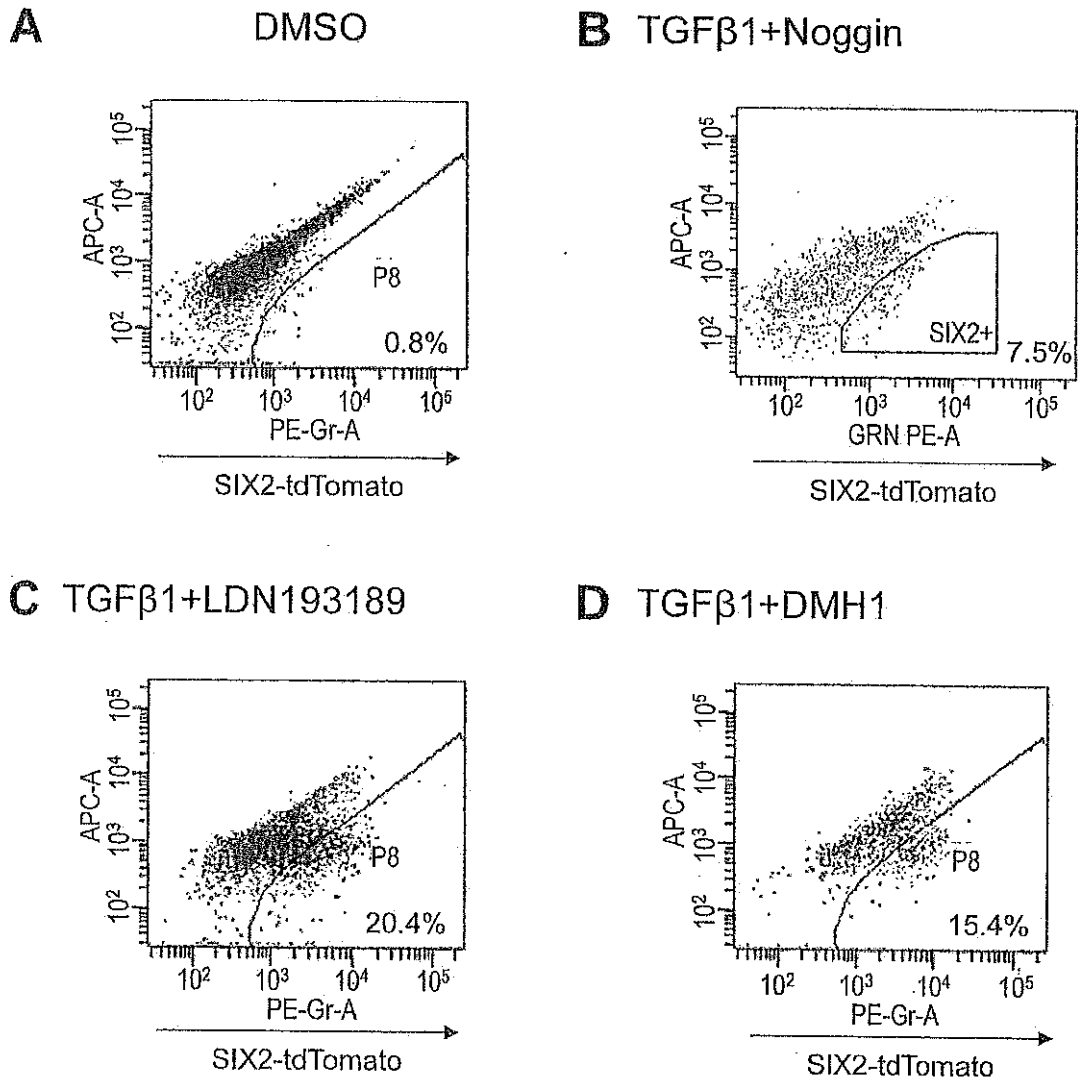
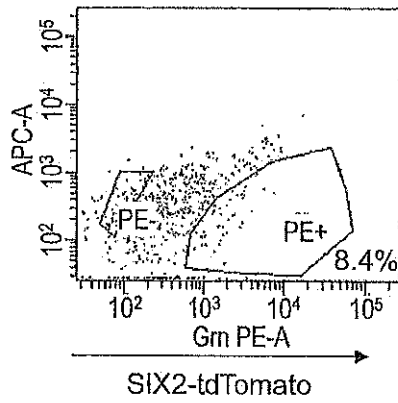
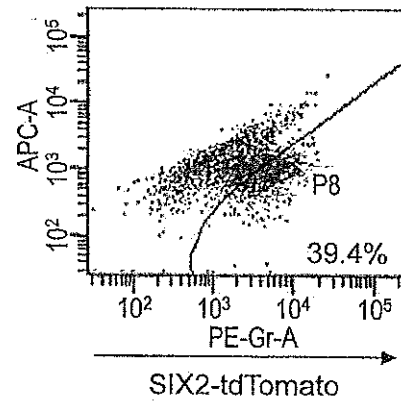


Fig. 2 (Continued)

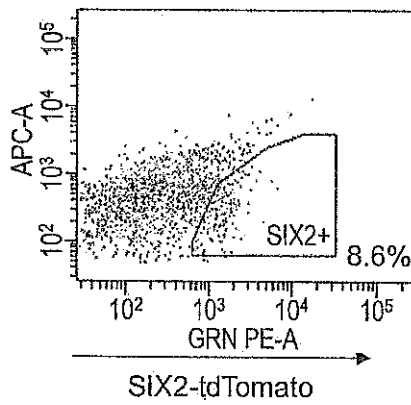
E IDE1+Dorsomorphin



F IDE2+Dorsomorphin



G TGF β 2+LDN193189



H TGF β 3+LDN193189

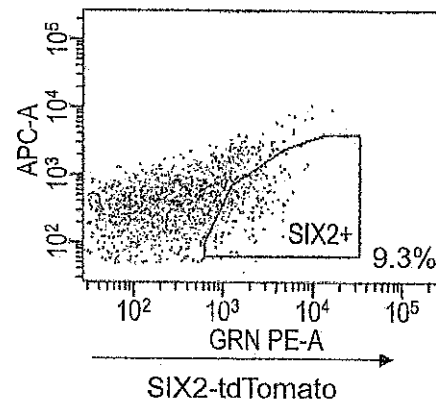
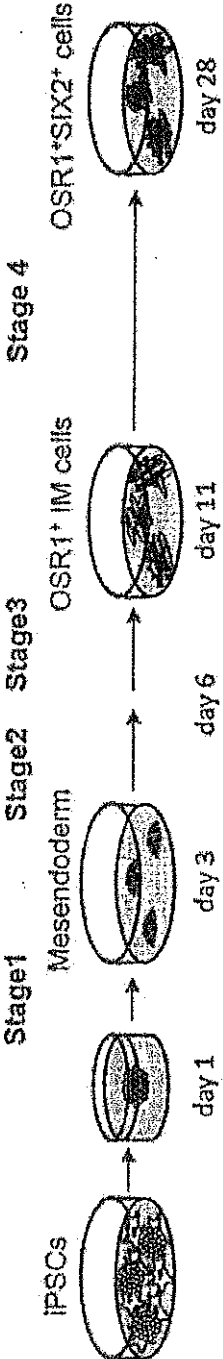


Fig. 3

A



Stage1	Stage2	Stage3	Stage4
Suspension culture		Adhesion culture	
		DMEM/F12 Glutamax	
2% FBS, 0.5% P/SM		10% KSR, 50 μ M 2ME, 1% NEAA, 0.5% P/SM	
activin A (100 ng/ml)	BMP7 (100 ng/ml)	TGF β 1 (5 ng/ml)	TGF β 1 (5 ng/ml)
CHIR99021 (1 μ M)	CHIR99021 (1 μ M)	TTNPB (1 μ M)	DMH1 (0.5 μ M)

B

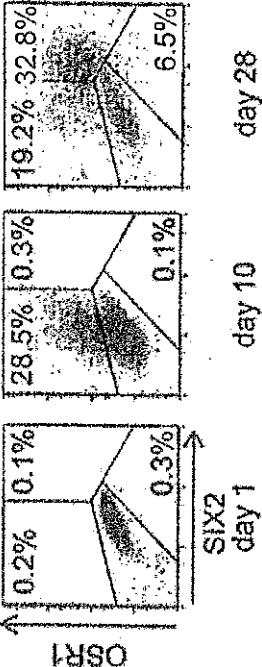


Fig. 3 (Continued)

C

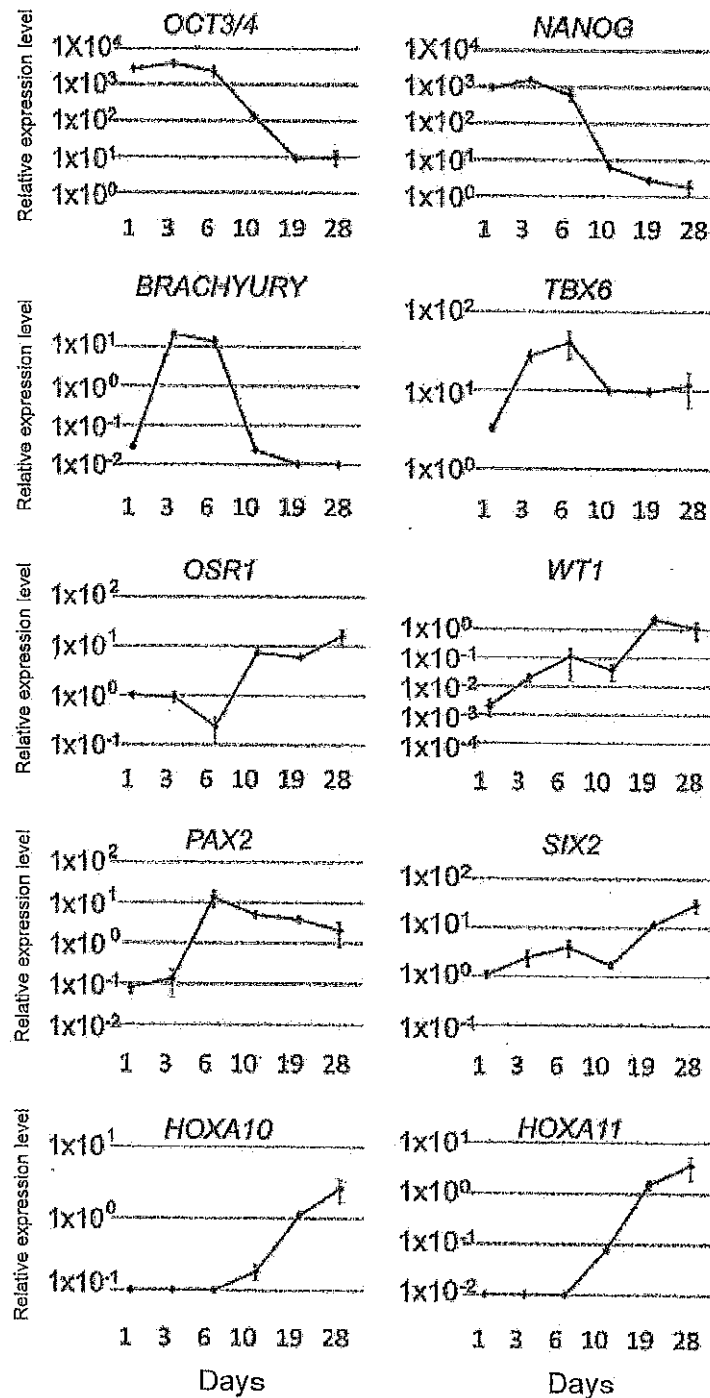


Fig. 3 (Continued)

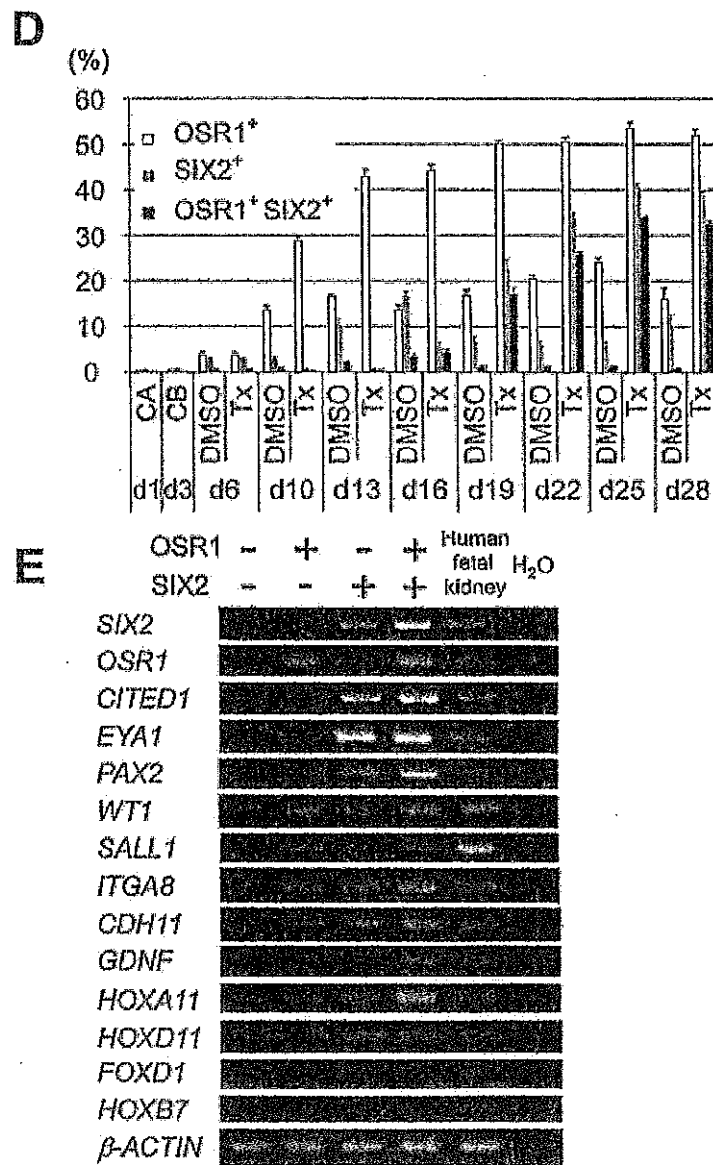


Fig. 4

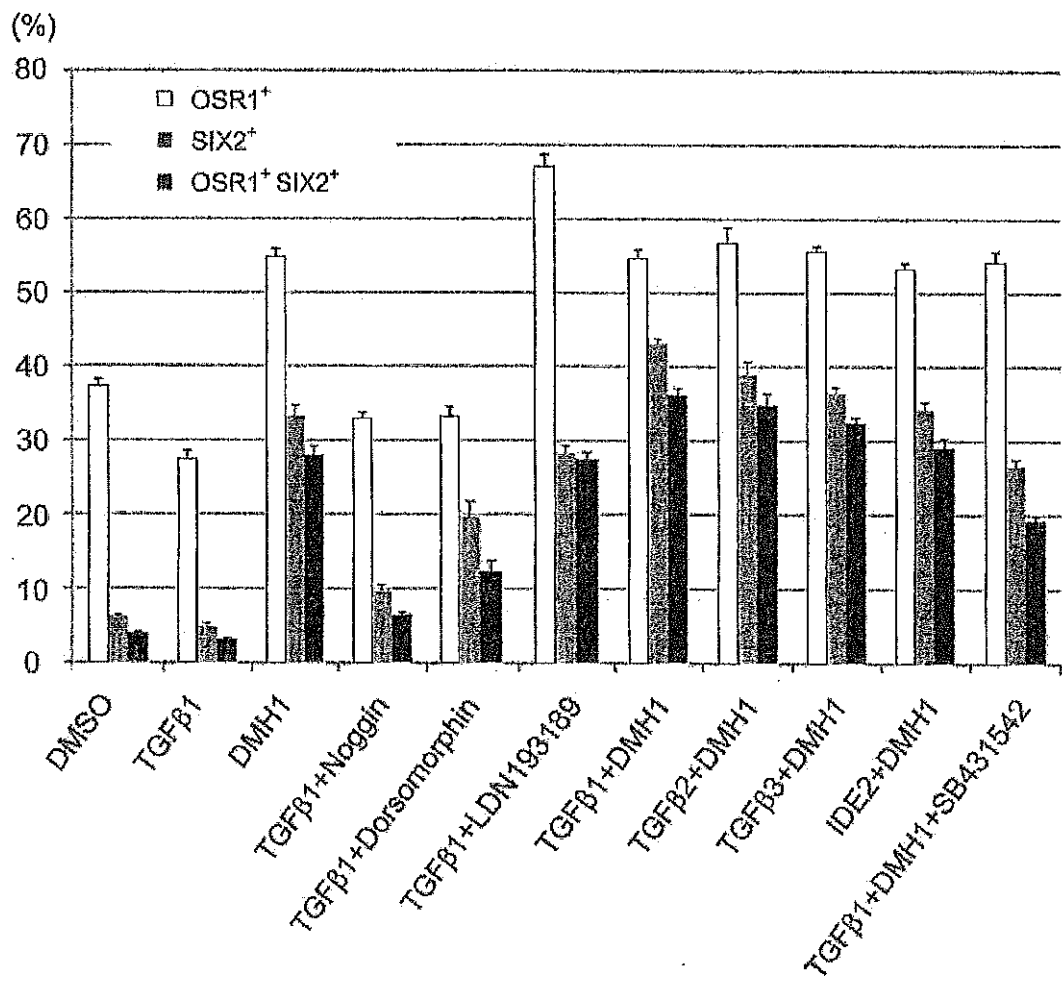


Fig. 5

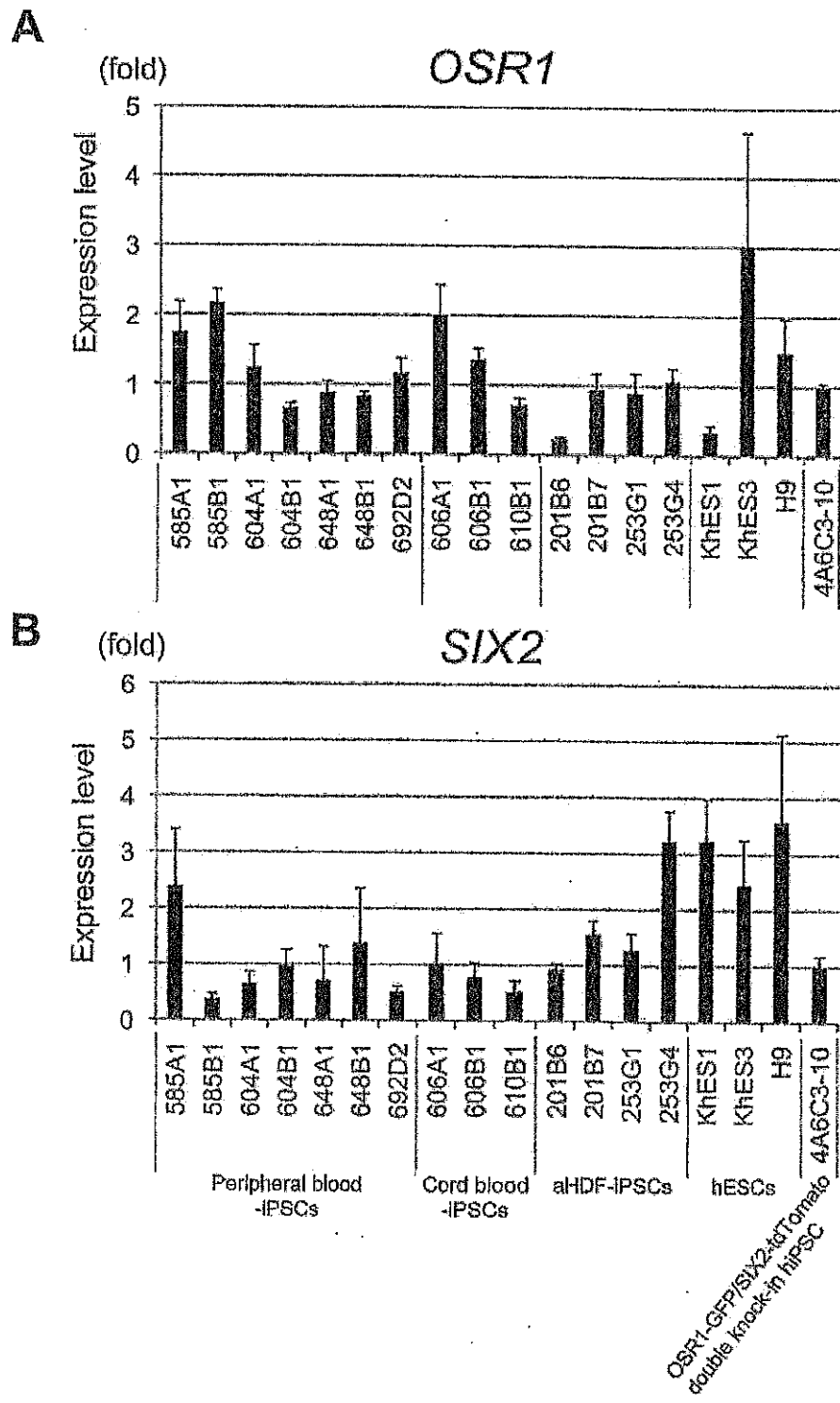


Fig. 6

A

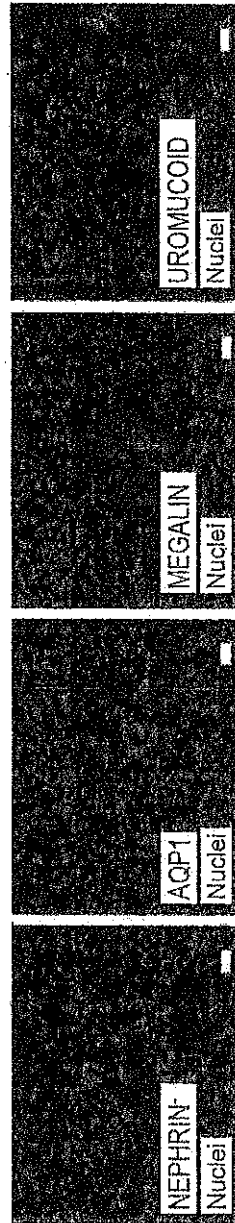


Fig. 6 (Continued)

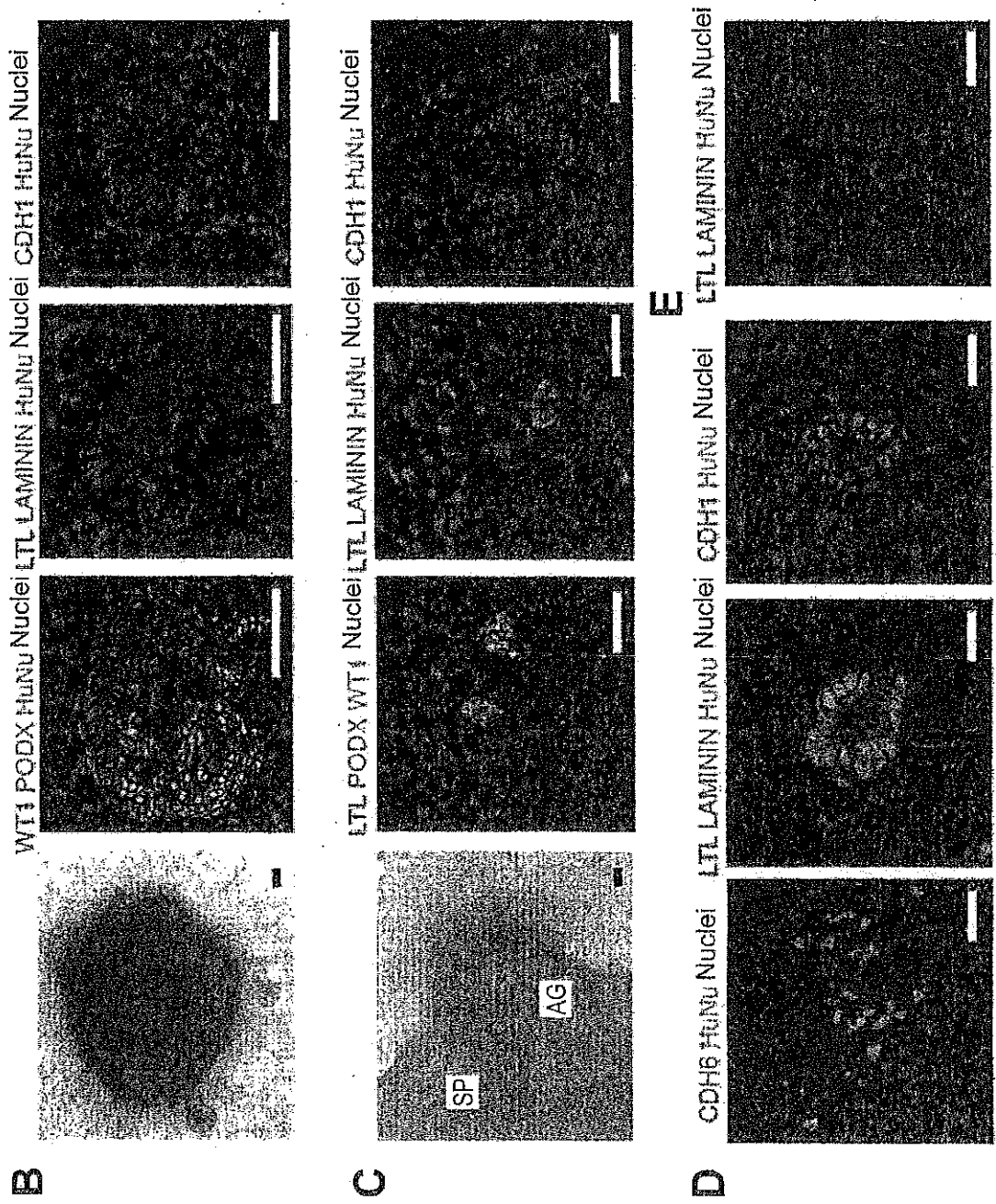


Fig. 6 (Continued)

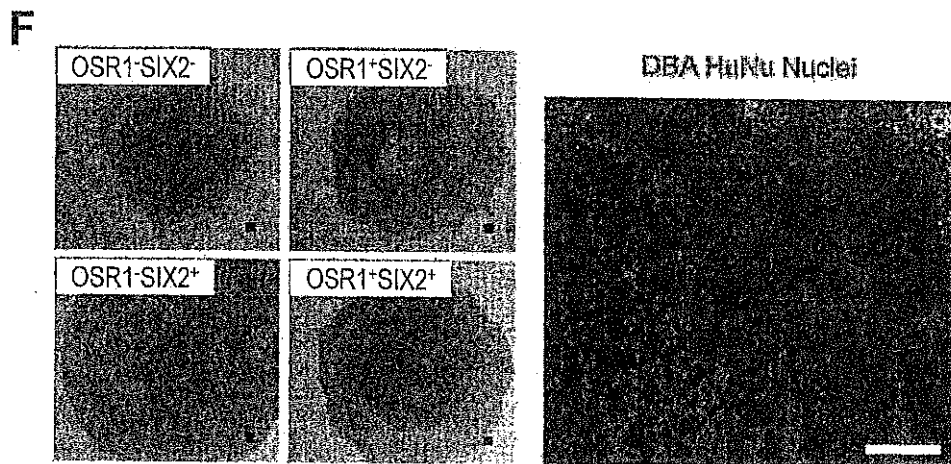


Fig. 7

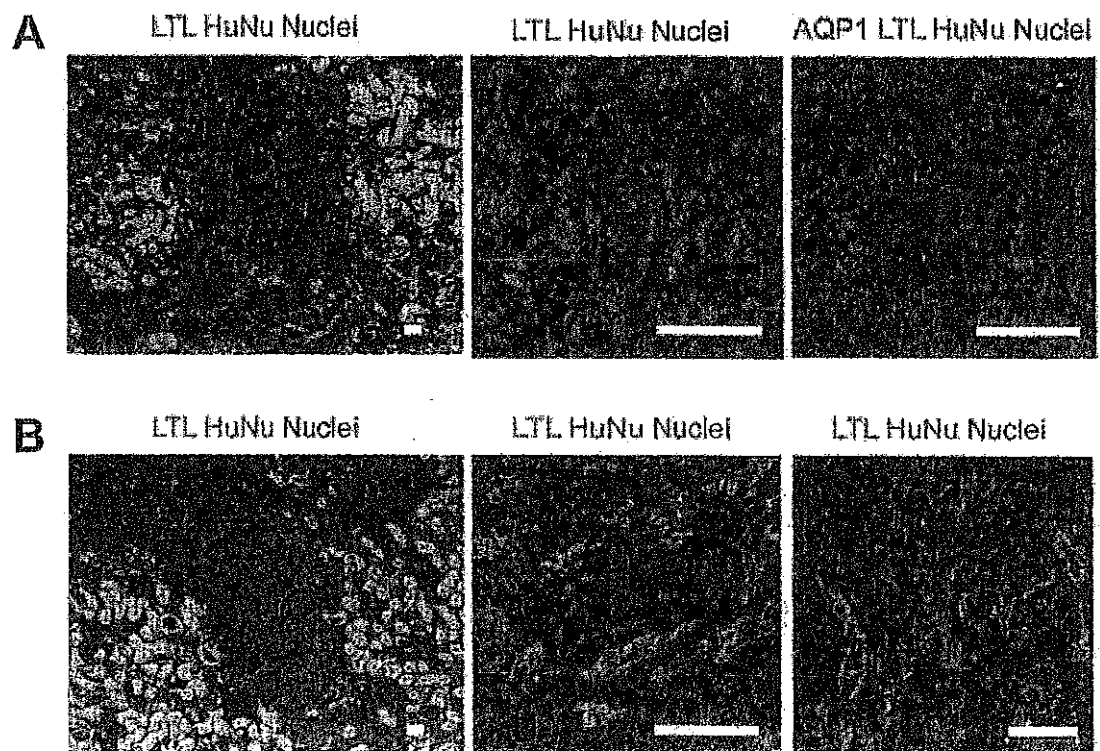
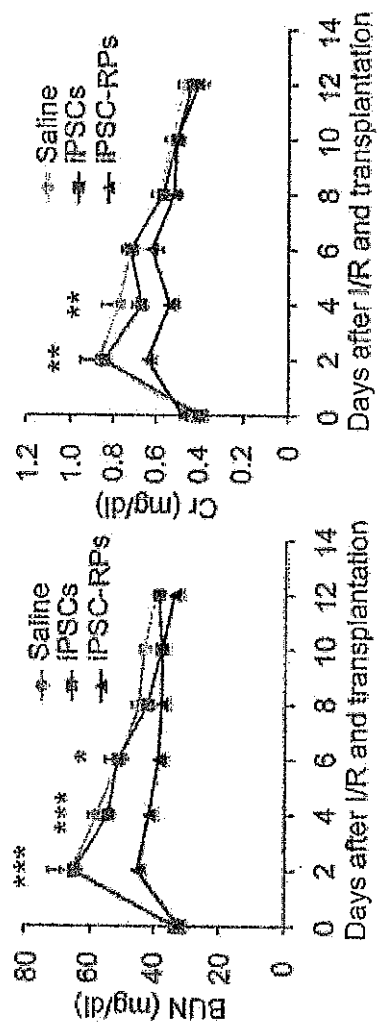
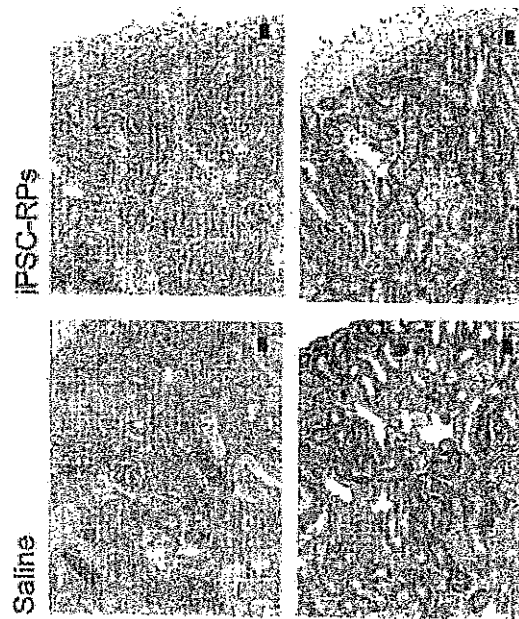


Fig. 7 (Continued)

C



D



E

