

Table S1 - RT-qPCR primers

Gene Name	Gene Accession	Product Size (bp)	Primer Sequence Forward / Reverse 5'→3'	Ref.
OCT4	NM_002701.4	78	TGGGCTCGAGAAGGATGTG GCATAGTCGCTGCTTGATCG	[1]
FOXA2	NM_021784.4	89	GGGAGCGGTGAAGATGGA TCATGTTGCTCACGGAGGAGTA	[1]
Goosecoid	NM_173849.2	70	GAGGAGAAAGTGGAGGTCTGGTT CTCTGATGAGGACCGCTTCTG	[1]
PDX1	NM_000209	178	CGTCCAGCTGCCTTTCCCAT CCGTGAGATGTAAGTGTGAATAGGA	[2]
MNX1	NM_005515.3	115	TCGCTCATGCTCACCGAGA CCTTCTGTTTCTCCGCTTCCT	
PTF1a	NM_178161	180	GCAGCCAGGCCAAGAAGGTC TTCTGGGGTCTCTGGGGTCCA	
NKX6.1	NM_006168	186	GCCCGCCTGGAGGGACGCA ACGAATAGGCCAAACGAGCCC	[2]
NGN3	NM_020999	286	AGACGACGCGAAGCTCACC AAGCCAGACTGCCTGGGCT	
ARX	NM_139058.2	141	CTGCTGAAACGCAAACAGAGGC CTCGGTCAAGTCCAGCCTCATG	
PAX4	NM_006193	169	AGCAGAGGCACTGGAGAAAGAGTT CAGCTGCATTTCCCACTTGAGCTT	[2]
MAFA	NM_201589	195	CTTCAGCAAGGAGGAGGTCA TTGTACAGGTCCCCTCTTT	
Insulin	NM_000207.2	245	AGCCTTTGTGAACCAACACC GCTGGTAGAGGGAGCAGATG	[2]
Glucagon	NM_002054.4	275	CATTCACAGGGCACATTCAC CGGCCAAGTCTTCAACAAT	[2]
Somatostatin	NM_001048.3	126	AGCTGCTGTCTGAACCCAAC CCATAGCCGGGTTTGAGTTA	[2]
NeuroD1	NM_002500.2	146	GCCCCAGGGTTATGAGACTAT GAGAACTGAGACACTCGTCTGT	
BRN4	NM_000307.3	150	CTGCAACTGGGTGCGATCAT AGGCTGCGAGTACACGTTGA	
NKX2.2	NM_002509	221	CCTTCTACGACAGCAGCGACAACCCG CCTTGGAGAAAAGCACTCGCCGCTT	[2]
Albumin	NM_000477.5	216	CCTTGGTGTGATTGCCTT TTGCACAGCAGTCAGCCAT	[3]
NKX2.1	NM_001079668.2	164	GTACCAGGACACCATGAGGAAC CCATGTTCTTGCTCACGTCCC	[4]
Amylase	NM_000699.2	141	AATGTCAAGCTACCGTTGGCC TTCACAGACCCAGTCATTGCC	[3]
HPRT	NM_000194.2	148	TGTTGTAGGATATGCCCTTGACTAT GCGATGTCAATAGGACTCCAGA	

References

1. D'Amour KA, Agulnick AD, Eliazar S, Kelly OG, Kroon E, et al. (2005) Efficient differentiation of human embryonic stem cells to definitive endoderm. *Nat Biotechnol* 23: 1534-1541.
2. Gage BK, Riedel MJ, Karanu F, Reznia A, Fujita Y, et al. (2010) Cellular reprogramming of human amniotic fluid cells to express insulin. *Differentiation* 80: 130-139.
3. Mfopou JK, Chen B, Mateizel I, Sermon K, Bouwens L (2010) Noggin, retinoids, and fibroblast growth factor regulate hepatic or pancreatic fate of human embryonic stem cells. *Gastroenterology* 138: 2233-2245, 2245 e2231-2214.
4. Mou H, Zhao R, Sherwood R, Ahfeldt T, Lapey A, et al. (2012) Generation of multipotent lung and airway progenitors from mouse ESCs and patient-specific cystic fibrosis iPSCs. *Cell Stem Cell* 10: 385-397.