

Supplementary Table I

Primers for Fig1E:

pMX-F	GACGGCATCGCAGCTTGGATACAC
pMX-R	TTATCGTCGACCACTGTGCTG
c-Myc-S1093	CAGAGGAGGAACGAGCTGAAGCGC
Sox2-S768	GGTTACCTCTTCCTCCCACTCCAG
Klf4-S1236	GCGAACTCACACAGGCGAGAAACC
Oct3/4-AS210	TGCGGGCGGACATGGGGAATCC

Klf4 probe sequence for Fig1F:

1 atggctgtca gcgacgctct gctcccgtcc ttctccactg tegegtccgg cccggcggga
61 agggagaaga cactgctcc agcaggtgcc ccgactaacc gttggcgtga ggaactctct
121 cacatgaagc gacttcccc acttcccggc cgcccctacg acctggcggc gacggtggcc
181 acagacctgg agagtggcgg agctggtgca gttgcagca gtaacaacce ggcctccta
241 gcccggaggg agaccgagga gttcaacgac ctctggacc tagactttat ctttccaac
301 tcgctaacce accaggaatc ggtggcggcc accgtgacca cctcggegtc agcttcatcc
361 tcgtttccc cggcgagcag cggccctgcc agegcgccct ccacctgcag cttcagctat
421 ccgatccggg cggggggtga cccgggcgtg gctgccagaa acacaggtgg agggctcctc
481 tacagccgag aatctgcgcc acctcccacg gccccctca acctggggga catcaatgac
541 gtgagccct cgggcggctt cgtggctgag ctctgcggc cggagtggga cccagtatac
601 attccgccac agcagcctca gccgccaggt ggggggctga tgggcaagt tgtgctgaag
661 gegtctctga ccaccctgg cagegagtac agcagccctt cggtcacag ttttagcaaa
721 ggaagcccag acggcagcca cccctggta gtggcgcct acagcgggtg cccgccgcgc
781 atgtgcccc agattaagca agaggcgtc cgtctctgca cggtcagccg gtccttagag
841 gccatttga gcgtggacc ccagctcagc aacggccacc ggcccaaac acacgacttc
901 ccctggggc ggcagctccc caccaggact accctacac tgagtcccga ggaactgtg
961 aacagcaggg actgtcacce tggcctgct ctccccag gattcatcc ceatccgggg
1021 gccactacc ctctttct gccagaccag atgcagtcac aagtccctc tctcattat
1081 caagagctca tgccaccggg ttctgctg ccagaggagc ccaagccaaa gaggggaaga
1141 aggtcgtggc cccggaaaag aacagccacc cacacttgat actatgcagg ctgtggcaaa
1201 acctatacca agagttctca tetcaaggca cacctgcgaa ctacacagg cgagaaacct
1261 taccactgtg actgggacgg ctgtgggtgg aaattgccc gctccgatga actgaccagg
1321 cactaccgca aacacacagg gcaccggccc tttagtgcc agaagtgtga caggcccttt
1381 tccaggtcgg accacctgc cttacacatg aagaggcact tttaa

Primers for Fig2A: From Takahashi K, Yamanaka S. Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors. *Cell*. 2006;126:663–676.

Primers for Fig2C:

mOct4U	GGTTTTTAGAGGATGGGTTGAGTG
mOct4L	CGGATCCCTAAAACCAAATATCCAACCATA
mNanogU	AATGTTTATGGTGGATTTTGTAGGT
mNanogL	CCCACACTCATATCAATATAATAAC

Primers for Fig3B:

Gata-6-F	GCAATGCATGCGGTCTAC
Gata-6-R	CTCTTGGTAGCACCAGCTCA
Fgf-5-F	AAAGTCAATGGCTCCCACGAA
Fgf-5-R	CTTCAGTCTGTACTTCACTGG
T-F	ATGCCAAAGAAAGAAACGAC
T-R	AGAGGCTGTAGAACATGATT
Is11-F	AGCAAGAACGACTTCGTGATG
Is11-R	GACTGAGAGGGTCTCCAGCTC
Bmp-2-F	GTTTGTGTTTGGCTTGACGC
Bmp-2-R	AGACGTCCTCAGCGAATTTG
GAPDH-F	CATCACCATCTTCCAGGAGC
GAPDH-R	ATGCCAGTGAGCTTCCCGTC