

Supplementary Information for

Differentiation of Human Adipose-Derived Mesenchymal Stromal/Stem Cells into Insulin-Producing Cells with A Single Tet-Off Lentiviral Vector System

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Table S1: Polymerase chain reaction (PCR) primers used in this study

Gene	Primer sequence (5'→3')
<i>PDX1-2A</i>	F: GAATTCAGGCAATCGATCAACCATGAACGGCGAGGAGCAGTACTAC R: GGGCCCGGGATTTTCCTCCACGTCACCGCATGTTAGAAGACTTCCTCTG CCCTCGCCGGATCCTCGTG-GTTCCTGCGGCCGCGAGGCG
<i>Venus</i>	F: GGGCCCATGGTGAGCAAGGGCGAGGAGCTG R: TCTAGATTACTTGTACAGCTCGTCCATGCC
<i>2A-MAFA</i>	F: GGATCCCAATGTACTAATTACGCACTGCTGAAACTCGCTGGGGACGTAGAGTCCAATCCAGGACCCATGGC-CGCGGAGCTGGCGATGGGCGCCGAG R: GGATCCCAGGAAGAAGTCGGCCGTGCCCTTGG
<i>2A-NEUROD1</i>	F: GGATCCGCAACTAATTTTCTCTGCTGAAGCAGGCTGGAGATGTCGAAGAGAATCCGGGACCCATGAC-CAAATCGTACAGCGAGAGTGG R: GGATCCATCATGAAATATGGCATTGAGCTGGGC

Table S2: Quantitative polymerase chain reaction (qPCR) primers used in this study

Gene	Primer sequence (5'→3')
<i>INS</i>	F: AGAAGAGGCCATCAAGCAGA R: CAGGTGTTGGTTCACAAAGG
<i>ACTB</i>	F: CATGTACGTTGCTATCCAGGC R: CTCCTTAATGTCACGCACGAT
<i>B2M</i>	F: TATCCAGCGTACTCCAAAGA R: GACAAGTCTGAATGCTCCAC
<i>GAPDH</i>	F: CATGAGAAGTATGACAACAGCCT R: AGTCCTTCCACGATACCAAAGT
<i>GUS</i>	F: CACCAGGGACCATCCAATACC R: GGTACTGCCCTTGACAGAGA
<i>H6PD</i>	F: GGGGTCACAGTTTTAGCTTCC R: CCGTCTTCAGTTGGCGGTA
<i>UBC</i>	F: ATTTGGGTCGCGGTTCTTG R: TGCCTTGACATTCTCGATGGT
<i>UBE2D2</i>	F: TGGCAAGCTACAATAATGGGG R: GGAGACCACTGTGATCGTAGA
<i>UBE4A</i>	F: GTACTTGGGATTTACAGGTTGC R: GGCTAGAACTTTGCTGAGCATC