

INO80 is Required for Osteogenic Differentiation of Human Mesenchymal Stem Cells

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Supplementary Table 1 Primers and shRNA sequences

Realtime RT-PCR primers

INO80 F	5'-TGCGACAAACGTCAGCTATCT-3'
INO80 R	5'-CTGGGGCAATAATGGATTACTGT-3'
INO80b F	5'-AGCCTCAGCTCAAACCTCAAAT-3'
INO80b R	5'-TTATCCACAACCATAAGGGGAGA-3'
INO80c F	5'-TCGCTTCTGAAAGGGCATTG-3'
INO80c R	5'-CTTAGCTGGCTTAAAGGATGGAG-3'
INO80d F	5'-ATAAGCCCTTGTGCTCATATAGC-3'
INO80d R	5'-AGCGTTGGCTGTTATACTTGG-3'
INO80e F	5'-TACCGGAATCTGAAGCGGAAG-3'
INO80e R	5'-TCTAGGAGGAACTCTTGTCCC-3'
INO80f F	5'-GCGTTGCCTCCCCTATTTG-3'
INO80f R	5'-CTGCGATTTAATTCCCGCTGG-3'
INO80g F	5'-GAGGCACCAGAGTTAGTCTGC-3'
INO80g R	5'-GGAGGTGTTACGTTGAGAATC-3'
Actl6a F	5'-TGGAGGCCATTTACCTCTAA-3'
Actl6a R	5'-TCTTTGCTCTAGTATTCCACGGT-3'
Mcrs1 F	5'-GGGCTGCTAGATTCATCCCTG-3'
Mcrs1 R	5'-GGAGGAGCTTCTCCGTTTAGG-3'
Ruvbl1 F	5'-AGGTGAAGAGCACTACGAAGA-3'
Ruvbl1 R	5'-CTACTATGACGCCACATGCCT-3'
Ruvbl2 F	5'-GTCGGGCAGTCCTTATTGCT-3'
Ruvbl2 R	5'-TGGTCGATCAATCTGGATCTCC-3'
Runx2 F	5'-TGGTACTGTCATGGCGGGTA-3'
Runx2 R	5'-TCTCAGATCGTTGAACCTTGCTA-3'
Osx F	5'-CCTCTGCGGGACTCAACAAC-3'
Osx R	5'-AGCCCATTAGTGCTTGTAAGG-3'
Col1a1 F	5'-GAGGGCCAAGACGAAGACATC-3'
Col1a1 R	5'-CAGATCACGTCATCGCACAAC-3'
Opn F	5'-CTCCATTGACTCGAACGACTC-3'
Opn R	5'-CAGGTCTGCGAACTTCTTAGAT-3'
Wdr5 F	5'-AATTCAGCCCGAATGGAGAGT-3'
Wdr5 R	5'-AGGCTACATCGGATATTCCCAG-3'
Axin2 F	5'-CAACACCAGGCGGAACGAA-3'
Axin2 R	5'-GCCCAATAAGGAGTGTAAGGACT-3'

Myc F 5'-GGCTCCTGGCAAAAGGTCA-3'
Myc R 5'-CTGCGTAGTTGTGCTGATGT-3'

shRNA sequence
Ino80 5'-GGGAAAUCCUCAUGAUAGAUU-3'
Wdr5 5'-CGAAAGAGAUUGUACAGAA-3'