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Supplemental information

TGFB3-AS1 promotes Hcy-induced inflammation of macrophages via inhibiting the maturity of miR-144 and upregulating Rap1a

Hui Zhang, Yinju Hao, Anning Yang, Lin Xie, Ning Ding, Lingbo Xu, Yanhua Wang, Yong Yang, Yongsheng Bai, Huiping Zhang, and Yideng Jiang

Supplemental Table 1. Primer sequences for real-time PCR

Gene	sense	antisense
TGFB3-AS1	5'-TTGAGTGAATGAATGGAGGA-3'	5'-AAATGGAGGGAAGAGGACA-3'
Rap1a	5'-CGTGAGTACAAGCTAGTGGTCC-3'	5'-CCAGGATTTTCGAGCATACTG-3'
IL-1 β	5'-GCTTCAGGCAGGCAGTATCA-3'	5'-TGCAGTTGTCTAATGGG AACG-3'
IL-6	5'-ACTCACCTCTTCAGAACGAATTG-3	5'-CCATCTTTGGAAGGTTTCAGGTTG-3'
TNF- α	5'-CCTCTCTCTAATCAGCCCTCTG-3'	5'-GAGGACCTGGGAGTAGATGAG-3'
miR-144	5'- CCTCGCACCTGGAGGCTGGCTG -3'	5'- TTATCAGTTGGGAAAATAGTTA -3'
Wnt3a	5'-GCGGCTGTAGTGAGGACATT-3'	5'- GGGTGAGGCCTCGTAGTAGA-3'
Wnt5a	5'-TCCCTGGAAGCAGACGTTTC-3'	5'-CCAAGATGCCCCCAGTTCAT-3'
β -catenin	5'-ATCTTAAGCCCTCGCTCGG-3'	5'-GCTGAGCTTCAGGTACCCTC-3'
GAPDH	5'-GATATTGTTGCCATCAATGAC-3'	5'-TTGATTTTGGAGAGATCTCGG-3'
U6	5'-GTGCTCGCTTCGGCAGCACATAT-3'	5'-GAATCGAGCACCAGTTACGC-3'

Supplemental Figure 1.

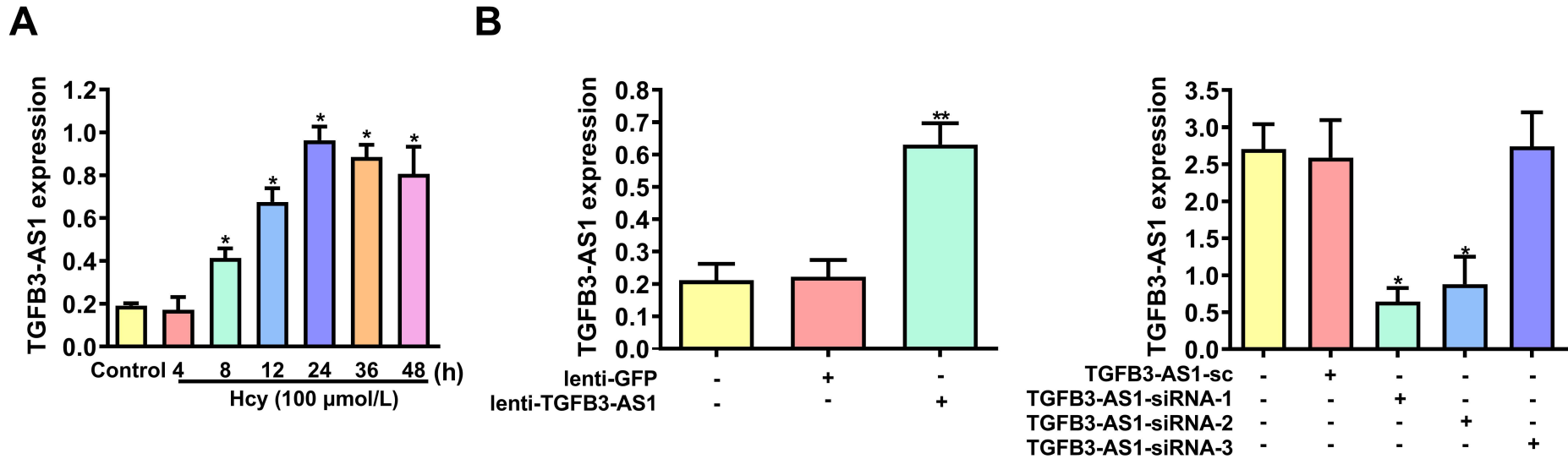


Figure S1. Overexpression or silence TGFB3-AS1 in macrophages. (A) The expression of TGFB3-AS1 was analyzed by qRT-PCR after macrophages were treated with 100 μ mol/L Hcy for different times (4, 8, 12, 24, 36, and 48h). (B) qRT-PCR examined TGFB3-AS1 expression levels in macrophages transduced with lenti-TGFB3-AS1 or TGFB3-AS1-siRNAs (siRNA-1, 2 and 3). * P <0.05, ** P <0.01, compared with Control, lenti-GFP or TGFB3-AS1-sc.