SUPPLEMENTARY APPENDIX

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to:

Construction of COX-2 short hairpin RNA expression vector and its inhibitory effect on hepatic fibrosis

Ni Xie, Hong Wu Liao, Wen Sheng Ou, Xu Zhou, Yang Hu, Nian Fu, Xue Feng Yang and Duan Fang Liao

Biotechnol. Biotechnol. Equip. 2018, 32

Supplementary Appendix

Figure S1 Sequences of COX-2-shRNA-1 target gene and recombinant plasmid. Note: The highlighted recombinant plasmid sequence is consistent with the target gene sequence, suggesting successful construction of plasmid pYr-1.1-hU6-EGFP-COX2-1. Sequence 0: target gene sequence; Sequence 1: recombinant plasmid sequence.
Figure S2 Sequences of COX-2-shRNA-2 target gene and recombinant plasmid.  
Note: The highlighted recombinant plasmid sequence is consistent with the target gene sequence, suggesting successful construction of plasmid pYr-1.1-hU6-EGFP-COX2-2. Sequence 0: target gene sequence; Sequence 1: recombinant plasmid sequence.

Figure S3 Sequences of COX-2-shRNA-3 target gene and recombinant plasmid.  
Note: Sequence 0, COX-2-shRNA-3 sequencing sequence; Sequence 1, COX-2-shRNA-3 sequences. The highlighted recombinant plasmid sequence is consistent with the target gene sequence, suggesting successful construction of plasmid pYr-1.1-hU6-EGFP-COX2-3. Sequence 0: target gene sequence; Sequence 1: recombinant plasmid sequence.
Figure S4 Sequencing chromatogram of the COX-2 shRNA recombinant plasmid. COX-2-shRNA-1 (A); COX-2-shRNA-2 (B); COX-2-shRNA-3 (C).
Figure S5 Assessment of transfection efficiency in TSC-T6 cells transfected with recombinant plasmid (magnification, ×200). Blank control group (A); COX-2 shRNA-1 (B); COX-2 shRNA-2 (C); COX-2 shRNA-3 (D). Note: Left and right panels are the same field under optical microscope and fluorescence microscope.