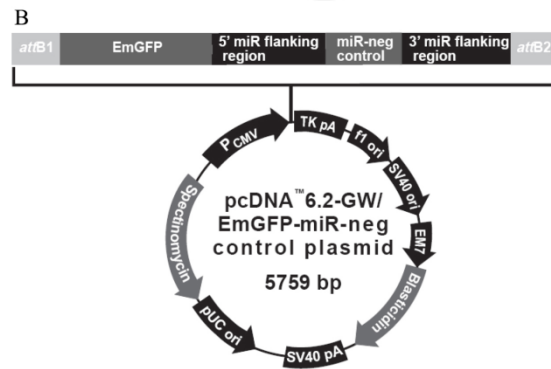
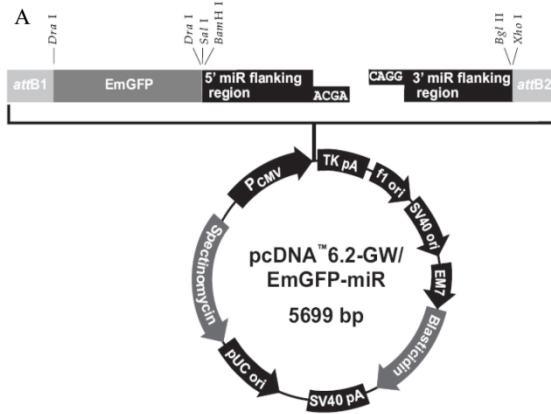


**Title:** Effect of miR-146 targeted HDMCP up-regulation in the pathogenesis of nonalcoholic steatohepatitis

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**C**

SLC25A47-F1-miR	5'- TGCTGAGTGCCAGATGCCTGTGTACTGTTTTGGCCACTGACTGACAGTACACACATCTGGCACT -3'
SLC25A47-R1-miR	5'- CCTGAGTGCCAGATGTGTACTGTGACAGTCAGTGGCCAAAACAGTACACAGGCATCTGGCACTC -3'
SLC25A47-F2-miR	5'- TGCTGAGACACGGGAAGATACACAGGGAGTTTTGGCCACTGACTGACTCCCTGGTCTCCGTGTCT -3'
SLC25A47-R2-miR	5'- CCTGAGACACGGGAAGACACAGGGAGTCAGTCAGTGGCCAAAACCTCCCTGGTATCTCCGTGTCTC -3'
SLC25A47-F3-miR	5'- TGCTGAACGCTGGTCAATACAGTGGTCAGTCAGTGGCCAAAACCTGTATGGTGACCAGCGTTC -3'
SLC25A47-R3-miR	5'- CCTGAACGCTGGTCAATACAGTGGTCAGTCAGTGGCCAAAACCTGTATGGTGACCAGCGTTC -3'
SLC25A47-F4-miR	5'- TGCTGAAGACACCATGTTGACAGGGTTTTGGCCACTGACTGACCCCTGTCAATGGTGGTCTTC -3'
SLC25A47-R4-miR	5'- CCTGAAGACACCATTGACAGGGGTGAGTCAGTGGCCAAAACCTGTCAATGGTGGTCTTC -3'

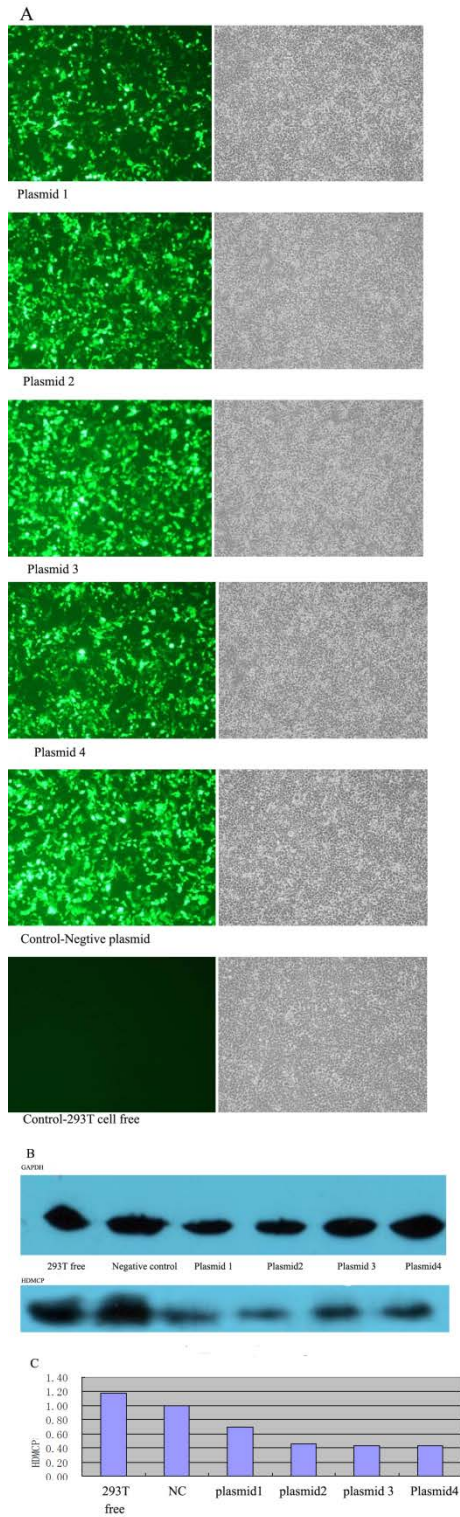
**D**

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**Supplementary Figure 1, Graphics of plasmids and miRNA sequences for RNA interference.** (A), schematic representation of pcDNA<sup>TM</sup>6.2-GW/EmGFP-miR expression plasmid; (B), schematic representation of pcDNA<sup>TM</sup>6.2-GW/EmGFP-miR-neg control expression plasmid; (C), four sequences of inserted miRNAs to antagonize HDMCP expression, where the underlined third sequence was finally selected; (D), four binding sites for miRNA sequence 1-4 was sequentially marked as yellow, red, blue and green in HDMCP.



**Supplementary Figure 2, Plasmid selection for in-vitro and in-vivo study. (A),** fluorescence photo of 293T cell transfected with different reagents; (B), HDMCP expression after RNA interference shown by western blot.