

Supplementary materials

**miR-155 acts as an anti-inflammatory factor in atherosclerosis-associated foam cell formation by repressing calcium-regulated heat stable protein 1**

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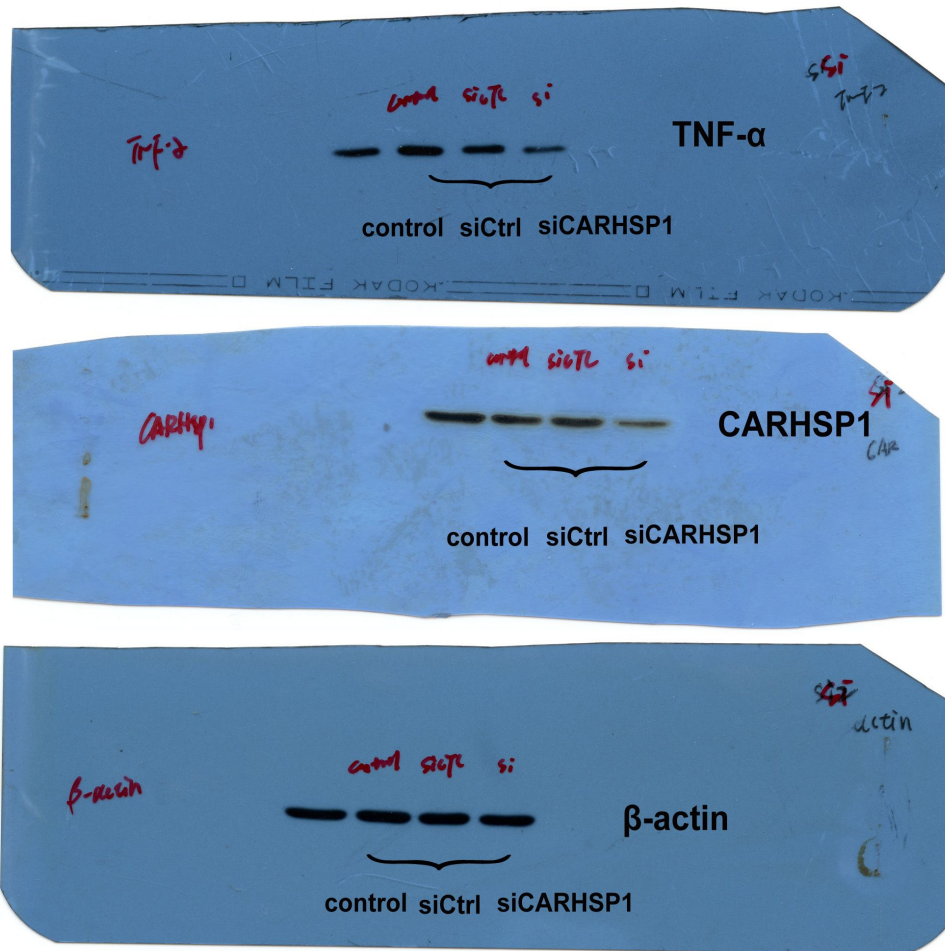
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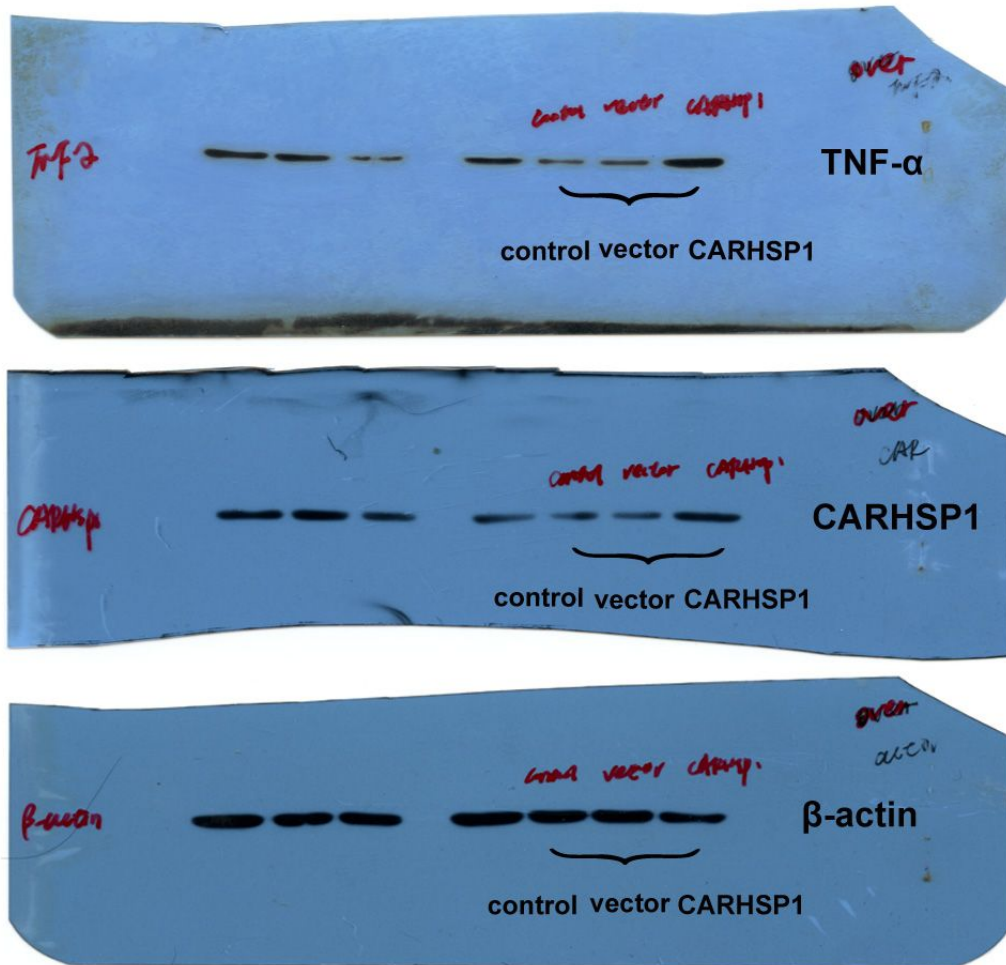
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Supplementary Figure S1: Full-length blots for Figure 3D



Supplementary Figure S2: Full-length blots for Figure 3H

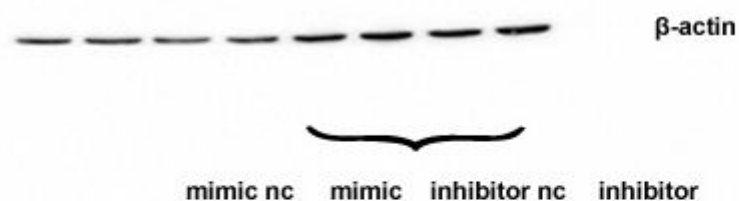
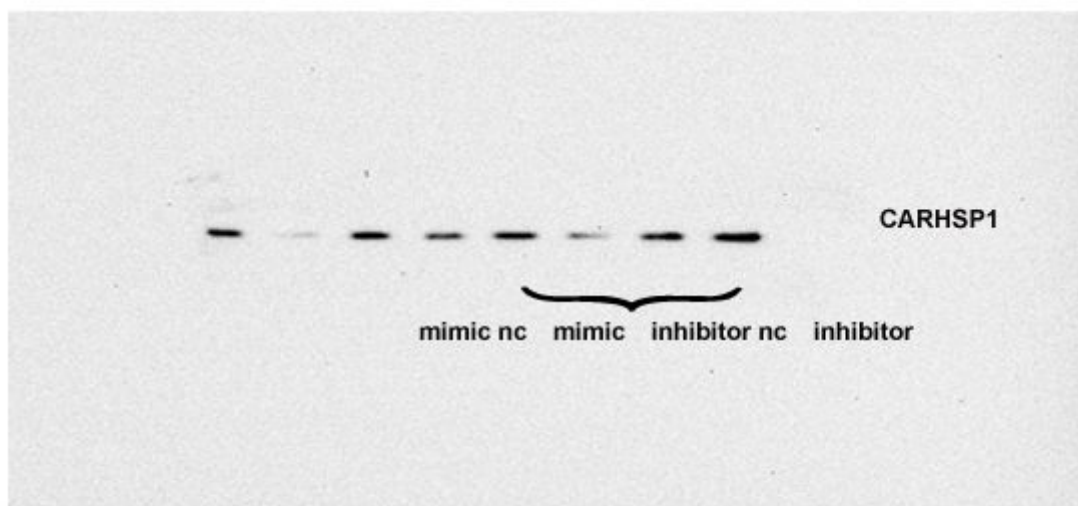


**Supplementary Figure S3:** The conservation of the binding site of miR-155 in CARHSP1

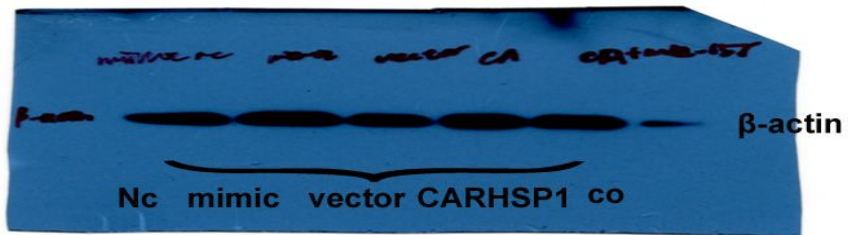
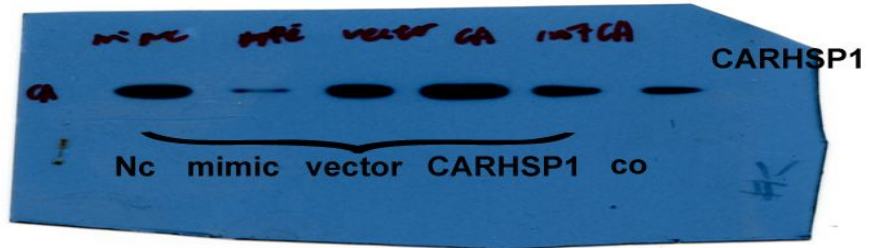
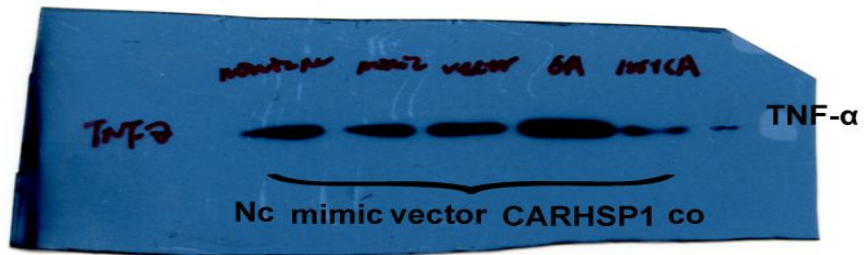
<b>miR-155</b>	<b>UUA<u>AUGC</u>UAAUCGUGAUAGGGGU</b>
<b>Hsa</b>	<b>GAAGAGCAU<u>UAAA</u>AGCAUUUAAAA</b>
<b>Mmu</b>	<b>GAAAAGCAU<u>UAAA</u>AGCAUUUGAAA</b>
<b>Rno</b>	<b>GAAAAGCAU<u>UAAA</u>AGCAUUUGAAA</b>
<b>Ocn</b>	<b>GAAAAGCAU<u>UAAA</u>AGCAUUGAAAA</b>
<b>Eca</b>	<b>GAAAAGCAU<u>UAAA</u>AGCAUUGCAA</b>

Figure S3. The nucleotides complementary to the miR-155 seed sequences are highly conserved in human, mouse, rat, rabbit and horse. The miR-155 seed sequences are in red and the complementary nucleotides in the 3'UTR of CARHSP1 are gray shade.

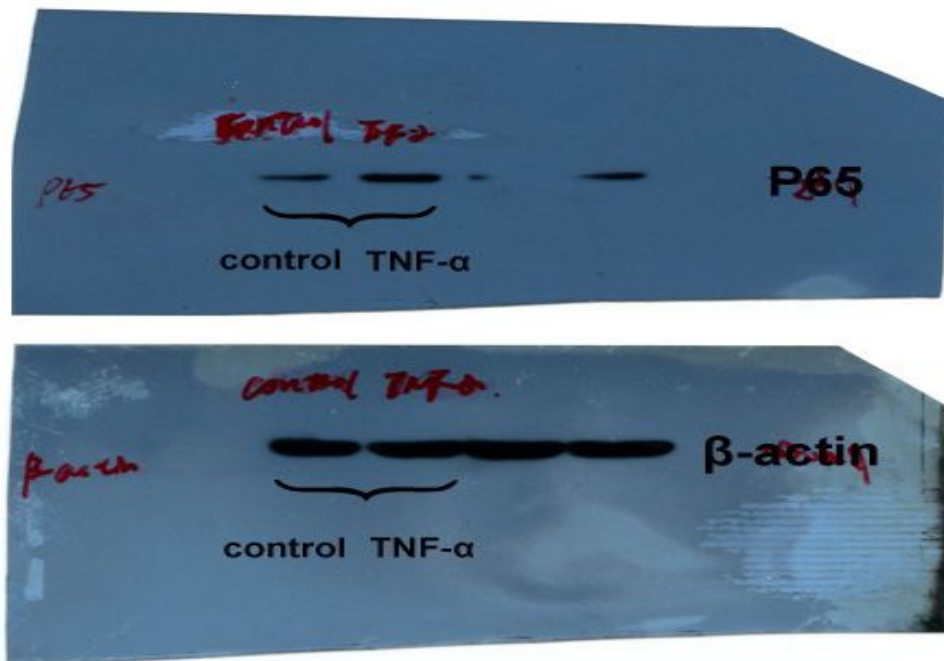
**Supplementary Figure S4:** Full-length blots for Figure 4D



Supplementary Figure S5: Full-length blots for Figure 4H



Supplementary Figure S6: Full-length blots for Figure 5B



Supplementary Figure S7: Full-length gels for Figure 5C

