

## Supplemental Material

The lipid transfer properties of CETP define the concentration and composition of plasma lipoproteins.

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### Supplemental Table S1

qPCR primers for the indicated golden Syrian hamster (*Mesocricetus auratus*) gene.

<u>Gene</u>	<u>Forward primer 5' to 3'</u>	<u>Reverse primer 5' to 3'</u>
<i>CYP7A1</i>	TACTAGATAGCATCATCAAGGAGGCTC	CCATCCTCAAGGTGCAGAGTG
<i>MTTP</i>	AGAGGAAAACCTGGACTCCTATG	AGCATTGGACATCAGATCACT
<i>LDLR</i>	AAGGCAGCTACAAGTGCGAG	TTCCTTACCTCGTGGCGATT
<i>SCARB1</i>	ATGCCCTCGCTCATCAAACA	CCCGCACTATTGGCTTCTCA
<i>TNF</i>	CGGGCTGTACCTGGTTTACTC	GGGCTCTTGATGGCGGAC
<i>ADGRE1</i>	TTCCTGCTATGTCGTGCTGTTC	TTGTCCGTCTTGTCTACACCCA
<i>IL1B</i>	AGTCATTGTGGCTGTGGAGA	TGTTGTTTTCATCTCGGAGCCT
<i>ACTB</i>	GTGGATCAGCAAGCAGGAGT	CTCAGTAACAGTCCGCCTAGAA

## **Supplemental Table S2**

Mass spectrometry quantification of HDL proteins. See the attached spreadsheet showing accession number, the number unique peptides detected, the percentage of sequence coverage, and relative abundance values for each identified protein.

### Supplemental Table S3

Cholesterol efflux. Shown are the percentages of <sup>3</sup>H-cholesterol effluxed from RAW264.7 macrophages in the presence of 2% ApoB-depleted serum from the indicated adenovirus group. Values are mean ± SEM, n= 9 (Ad-null), 11 (Ad-haCETP), 7 (Ad-huCETP). <sup>a</sup>- p< 0.05 vs. null, <sup>b</sup>- p< 0.01 vs. haCETP

<u>Adenovirus</u>	Total efflux <u>(%)</u>	ABCA1 independent <u>(%)</u>	ABCA1 dependent <u>(%)</u>
null	14.2 ± 0.8	8.8 ± 0.5	5.4 ± 0.4
haCETP	15.3 ± 1.1	9.8 ± 0.6	5.5 ± 0.7
huCETP	13.4 ± 0.9	7.1 ± 0.6 <sup>a,b</sup>	6.3 ± 0.5