

1 **Supplementary Table 2.**

2 Fatty acid composition of CD and HFD used in this study.

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	CD	HFD
	Fatty acid (g)/ 100 g diet	Fatty acid (g)/ 100 g diet
C10:0 decanoic acid	0.00	0.02
C12:0 dodecanoic acid	0.01	0.03
C14:0 Tetradecanoic acid	0.04	0.38
C16:0 Palmitic acid	0.64	6.47
C18:0 Stearic acid	0.32	3.67
C20:0 Eicosanoic acid	0.01	0.07
C22:0 Docosanoic acid	0.01	0.02
C24:0 Tetracosanoic acid	0.00	0.00
Total Saturated Fatty Acid (SFA)	1.01	10.7
C14:1 Tetradecenoic acid	0.00	0.00
C16:1 Palmitoleic acid	0.03	0.45
C18:1 Oleic acid	1.15	11.24
C20:1 n-9 Eicosaenoic acid	0.02	0.18
C22:1 n-9 Erucic acid	0.00	0.00
C24:1 n-9 Tetracosanoic acid	0.00	0.00
Total monounsaturated fatty acid (MUFA)	1.19	11.88
C18:2 n-6 Linoleic acid	1.48	7.34
C18:3 n-6 γ -Linolenic acid	0.00	0.00
C18:3 n-3 α -Linolenic acid	0.17	0.53
C20:2 n-6 Eicosadienoic acid	0.01	0.22
C20:3 n-6 Di-homo- γ -Linolenic acid	0.00	0.03
C20:4 n-3 Eicosatrienoic acid	0.00	0.04
C20:5 n-3 Eicosapentaenoic acid	0.01	0.07
C22:5 n-3 Docosapentaenoic acid	0.00	0.02
C22:6 n-3 Docosahexaenoic acid	0.00	0.00
Total Polyunsaturated Fatty Acid (PUFA)	1.66	8.25

4 Fatty acid composition of CD and HFD. Value are expressed as g fatty acid per 100 g of
5 diet.