

Supplementary data:

Effects of Fish Oil and Grape Seed Extract Combination on Hepatic Endogenous Antioxidants and Bioactive Lipids in Diet-Induced Early Stages of Insulin Resistance in Rats

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Table S4. Fatty acid composition of diets			
	STD	HFHS and GSE	FO and FO + GSE
14:00	0.017	11.5	11.6
16:00	14.8	32.2	32.0
16:1 n-7	0.015	1.7	1.7
18:00	2.9	13.7	13.7
18:1n-9	20.5	26.4	26.2
18:1 n-7	0.026	0.67	0.68
18:2 n-6	58.6	9.7	8.7
20:00	n.d.	n.d.	0.0069
18:3 n-3	2.9	1.1	1.1
20:1 n-9	0.025	0.031	0.021
18:4 n-3	0.0026	0.0032	0.033
20:2 n-6	0.0034	0.0043	0.0045
20:3 n-6	n.d.	n.d.	0.0048
20:4 n-6	0.0069	0.0086	0.036
22:1 n-11	0.019	0.023	0.024
22:1 n-9	0.0043	0.0054	0.006
20:4 n-3	0.0034	0.0043	0.022
20:5 n-3	0.012	0.015	0.54
24:1 n-9	0.0048	0.0060	0.0082
22:5 n-3	0.0045	0.0056	0.093
22:6 n-3	0.02	0.024	0.56
Total SFAs	17.5	59.4	60.5
Total MUFA	21.1	29.3	28.4
Total PUFA	61.1	10.8	10.7
Total n-3	3.3	1.6	1.4
Total n-6	58.8	10.4	10.6
Results are expressed as a percentage of total fatty acids (mg/100 mg of total fatty acids). Abbreviations: STD, Standard; HFHS, High-fat High-sucrose; FO, Fish Oil; GSE, Grape Seed Extract; SFA, Saturated Fatty Acid; MUFA, Monounsaturated Fatty Acid; PUFA, Polyunsaturated Fatty Acid; n.d., non-detected.			