

Supplementary Material

Supplementary Table S1. Nutritive content of the standard and LCPUFA-enriched diets.

Additives	Standard Diet (per kg)	LCPUFA-Enriched Diet (per kg)
Vitamin A	21000 (UI)	21000 (UI)
Vitamin D₃	1100 (UI)	1100 (UI)
Iron	50 mg	50 mg
Magnesium	40 mg	40 mg
Zinc	31 mg	31 mg
Copper	7 mg	7 mg
Iodine	6.2 mg	6.2 mg
Technical additives	Standard diet (per kg)	LCPUFA-enriched diet (per kg)
Sepiolite	760 mg	760 mg
Analytical constituents	Standard diet (%)	LCPUFA-enriched diet (per kg)
Moisture	12.00	12.00
Crude protein	14.50	14.50
Crude fibers	4.50	4.50
Crude ash	4.70	4.70
Crude oil and fats	4.00	4.82
Of which fatty acids	Standard diet (%)	LCPUFA-enriched diet (%)
C16:0 (Palmitic acid)	0.5	0.5
C18:0 (Stearic acid)	0.1	0.1
C18:1n9 (Oleic acid)	0.7	0.7
C18:2n6 (Linoleic acid)	2.0	2.0
C18:3n3 (Linolenic acid)	0.1	0.1
C20:5n3 (EPA)	—	0.56
C22:6n3 (DHA)	—	0.26
Total fatty acids classes	Standard diet (%)	LCPUFA-enriched diet (%)
Saturated (total)	0.6	0.6
Monounsaturated (total)	0.7	0.7
Polyunsaturated (total)	2.1	2.92

Ingredients: Wheat middlings, ground wheat, ground corn, corn gluten meal, calcium carbonate, soybean oil, dicalcium phosphate, iodized salt, magnesium oxide

Supplementary Figure S1. Correlation analyses for lipoxidative and nitrosative adducts. Upper matrix refers to Pearson's and Partial correlations (controlling for age and diet) in the whole dataset. Middle and lower matrixes indicate Pearson's correlation for main factors (age: middle matrix; diet: lower matrix).

