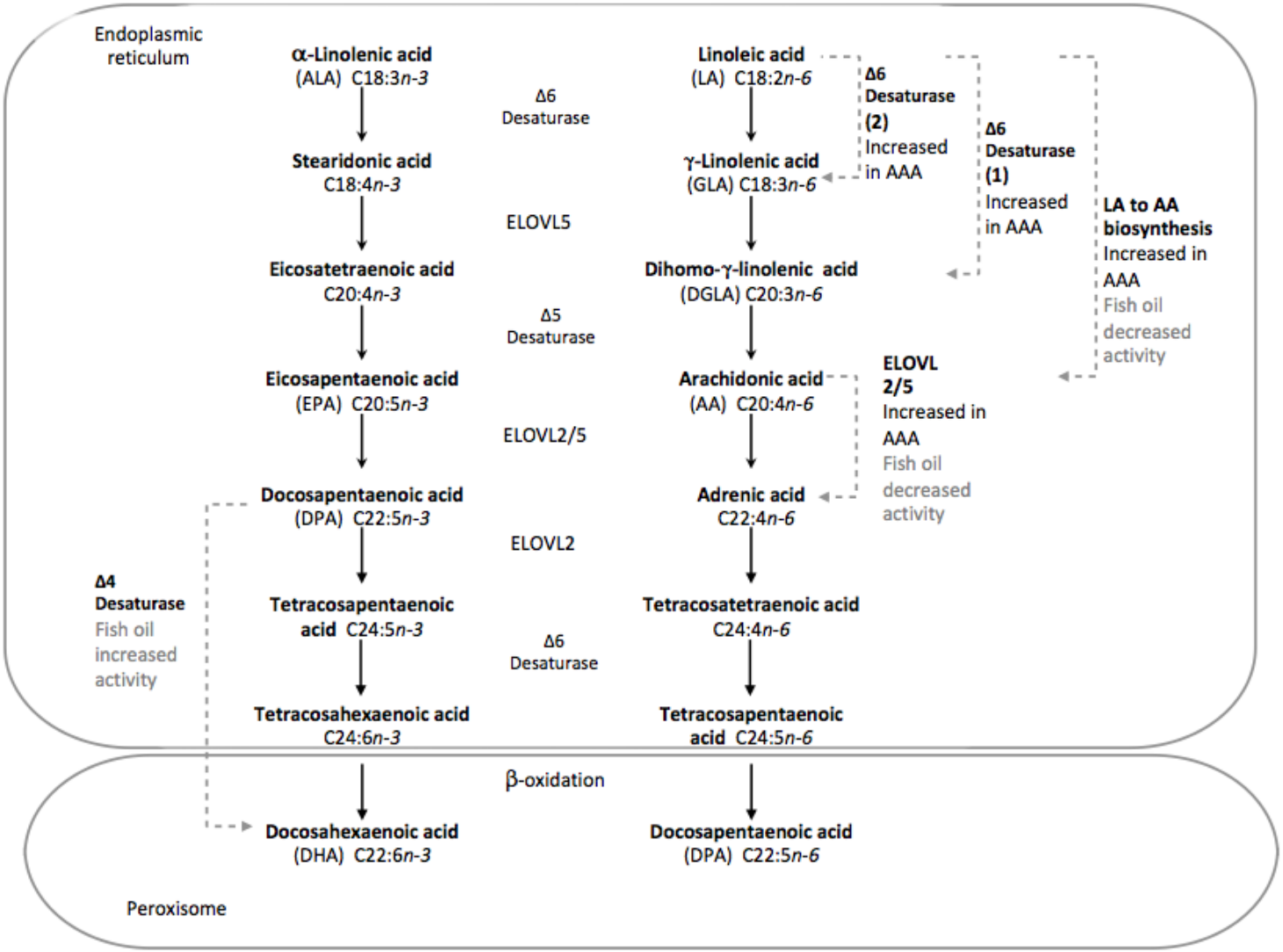
Supplemental Table S1: Fatty acids identified in erythrocyte phospholipids

Retention Time (min)	Fatty Acid	Systematic Name*	Common Name
8.45	C14:0	Tetradecanoic acid	Myristic acid
9.78	C15:0	Pentadecanoic acid	-
10.87	C16:1n-7	9-Hexadecenoic acid	Palmitoleic acid
11.16	C16:0	Hexadecanoic acid	Palmitic acid
12.47	C17:0	Heptadecanoic acid	Margaric acid
13.39	C18:2n-6	9,12 Octadecadienoic acid	Linoleic acid
13.47	C18:1n-9	9-Octadecenoic acid	Oleic acid
13.54	C18.1t	Trans-9-Octadecenoic acid	Elaidic acid
13.80	C18:0	Octadecanoic acid	Stearic acid
14.05	C18:3n-6	6,9,12 Octadecatrienoic acid	Gamma-linolenic acid
15.37	C20:4n-6	5,8,11,14 Eicosatetraenoic acid	Arachidonic acid
15.46	C20:5n-3	5,8,11,14,17 Eicosapentaenoic acid	Eicosapentaenoic acid
15.67	C20:3n-6	8,11,14 Eicosatrienoic acid	Dihomo-γ-linolenic acid
15.94	C20:2n-6	11,14 Eicosadienoic acid	-
16.01	C20:1n-7	13 Eicosenoic acid	Paullinic acid
16.32	C20.0	Eicosanoic acid	Arachidic acid
17.69	C22:6n-3	4,7,10,13,16,19 Docosahexaenoic acid	Docosahexaenoic acid
17.84	C22:4n-6	7,10,13,16 Docosatetraenoic acid	Adrenic acid
17.93	C22:5n-3	7,10,13,16,19 Docosapentaenoic acid	Docosapentaenoic acid
18.73	C22:0	Docosanoic acid	Behenic acid
19.84	C23:0	Tricosanoic acid	-
20.71	C24:1n-9	15-Tetracosenoic acid	Nervonic acid
20.95	C24:0	Tetracosanoic acid	Lignoceric acid

* All double bonds are cis unless otherwise stated



Supplemental Figure S1: Representation of n-3 PUFA and n-6 PUFA biosynthetic pathways in abdominal aortic aneurysm (AAA) and impact of 12-week dietary supplementation with n-3 PUFAs. Docosapentaenoic acid can be produced via a coupled microsomal-peroxisomal pathway involving Δ-6 desaturase or via a single step of Δ-4 desaturation mediated by Δ-4 desaturase (dashed lines) (41).