**Supplemental Table 3**. Prevalence (%) of thrombocytopenia (platelet count < 100,000/mm3) at baseline by quintile (Q) of serum fatty acids (FA) %

| Fatty acid1 | Q1 | Q2 | Q3 | Q4 | Q5 | *P*, trend2 |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| SFAs (%) |  |  |  |  |  |  |
| 14:0 myristic acid | 19.4 | 38.1 | 20.4 | 27.8 | 26.3 | 0.85 |
| 15:0 pentadecanoic acid | 25.0 | 23.2 | 30.0 | 28.0 | 25.0 | 0.81 |
| 16:0 palmitic acid | 24.1 | 22.4 | 31.8 | 20.0 | 34.1 | 0.35 |
| 17:0 margaric acid | 25.4 | 17.9 | 37.5 | 31.5 | 17.1 | 0.71 |
| 18:0 stearic acid | 41.3 | 27.1 | 19.1 | 31.6 | 6.7 | 0.0004 |
| 20:0 arachidic acid | 35.7 | 30.2 | 28.6 | 26.3 | 14.3 | 0.01 |
| 22:0 behenic acid | 25.0 | 33.3 | 20.0 | 25.9 | 27.8 | 0.96 |
| 24:0 lignoceric acid | 28.3 | 23.6 | 25.5 | 23.9 | 29.9 | 0.85 |
| Total SFAs | 22.0 | 28.9 | 36.4 | 22.4 | 19.5 | 0.64 |
|  |  |  |  |  |  |  |
| MUFAs (%) |  |  |  |  |  |  |
| 16:1n-7 palmitoleic acid | 21.8 | 28.8 | 19.3 | 36.1 | 26.1 | 0.38 |
| 18:1n-9 oleic acid | 18.9 | 15.3 | 25.5 | 32.0 | 42.6 | 0.0007 |
| 18:1n-7 *cis*-vaccenic acid | 15.6 | 29.8 | 35.0 | 24.1 | 26.2 | 0.57 |
| 20:1n-9 gondoic acid | 19.7 | 23.5 | 21.2 | 34.4 | 34.8 | 0.03 |
| 24:1n-9 nervonic acid | 28.6 | 26.9 | 26.1 | 22.7 | 29.2 | 0.97 |
| Total MUFAs | 12.8 | 22.4 | 24.5 | 28.9 | 42.4 | 0.0004 |
|  |  |  |  |  |  |  |
| n-3 PUFA (%) |  |  |  |  |  |  |
| 18:3n-3 α-linolenic acid | 27.0 | 23.7 | 19.2 | 37.3 | 26.1 | 0.56 |
| 20:5n-3 EPA | 25.5 | 30.4 | 26.0 | 26.2 | 25.4 | 0.81 |
| 22:5n-3 DPA | 16.1 | 21.6 | 21.7 | 26.3 | 44.3 | 0.0005 |
| 22:6n-3 DHA | 11.1 | 28.8 | 22.4 | 28.3 | 39.3 | 0.004 |
| Total long chain n-3 PUFA4 | 14.0 | 30.8 | 16.1 | 30.2 | 40.0 | 0.003 |
| Total n-3 PUFA | 16.3 | 23.7 | 21.2 | 28.1 | 42.6 | 0.002 |
|  |  |  |  |  |  |  |
| n-6 PUFA (%) |  |  |  |  |  |  |
| 18:2n-6 linoleic acid | 41.3 | 36.8 | 23.3 | 22.4 | 10.0 | <0.0001 |
| 18:3n-6 γ-linolenic acid | 40.8 | 26.8 | 27.0 | 17.0 | 23.1 | 0.02 |
| 20:2n-6 EDA | 31.1 | 25.0 | 26.7 | 20.8 | 29.7 | 0.88 |
| 20:3n-6 dihomo-γ-linolenic acid | 33.3 | 32.1 | 28.8 | 17.0 | 20.8 | 0.05 |
| 20:4n-6 arachidonic acid | 17.8 | 34.6 | 17.0 | 31.1 | 30.0 | 0.27 |
| 22:4n-6 adrenic acid | 23.5 | 23.9 | 25.4 | 28.3 | 30.4 | 0.33 |
| Total long chain n-6 PUFA5 | 26.8 | 27.1 | 21.0 | 27.3 | 30.8 | 0.53 |
| Total n-6 PUFA | 36.4 | 35.7 | 21.2 | 23.4 | 18.2 | 0.01 |
|  |  |  |  |  |  |  |
| 18:2n-7*ct* CLA (%) | 26.1 | | | 30.8 | 23.3 | 0.97 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| *trans*-fatty acids (%) |  |  |  |  |  |  |
| 16:1n-7 *trans* | 31.0 | 34.0 | 24.6 | 25.5 | 18.2 | 0.07 |
| 18:1 *trans* | 26.2 | 38.9 | 27.7 | 22.4 | 17.0 | 0.08 |
| 18:2 *trans* | 23.6 | 31.3 | 36.1 | 27.3 | 13.5 | 0.20 |
| Total *trans*-fatty acids | 34.5 | 30.4 | 30.5 | 19.6 | 15.4 | 0.01 |
|  |  |  |  |  |  |  |
| Enzyme activity indices |  |  |  |  |  |  |
| Stearoyl-coA-desaturase 18:1n-9/18:0 | 9.4 | 25.5 | 20.8 | 18.9 | 51.5 | <0.0001 |
| Elongase 18:1n-7/16:1n-7 | 24.4 | 30.4 | 27.5 | 23.6 | 26.6 | 0.88 |
| Δ6-desaturase 18:3n-6/18:2n-6 | 34.0 | 36.4 | 20.0 | 24.6 | 22.4 | 0.09 |
| Δ5-desaturase 20:4n-6/20:3n-6 | 16.7 | 13.6 | 20.8 | 37.3 | 37.8 | 0.0006 |
|  |  |  |  |  |  |  |

**Footnotes to Supplemental Table 3**

1 SFA, saturated fatty acid; MUFA, monounsaturated fatty acid; PUFA, polyunsaturated fatty acid; EPA, eicosapentaenoic acid; DPA, docosapentaenoic acid; DHA, docosahexaenoic acid; EDA, eicosadienoic acid; CLA, conjugated linoleic acid.

2 Cochran-Armitage test.