**Supporting Material**

Supporting Table S1. Baseline characteristics of 23 healthy men and women participating in the study.

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Men** | **Women** | **Total** |
|  | (n = 12) | (n = 11) | (n = 23) |
| Racial/Ethnic Distribution (n) |  |  |  |
| African American | 2 | 1 | 3 |
| Asian | 1 | 1 | 2 |
| Caucasian | 6 | 6 | 12 |
| Hispanic | 3 | 3 | 6 |
| Age (y) | 24 ± 5*1* | 25 ± 6 | 25 ± 5 |
| BMI (kg/m2) | 24.5 ± 2.7 | 23.6 ± 2.3 | 24.1 ± 2.5 |
| Plasma PLP (nmol/L) | 59 ± 13 | 45 ± 132 | 52 ± 14 |
| Serum folate (nmol/L) | 34 ± 8 | 30 ± 7 | 32 ± 7 |
| Serum vitamin B-12 (pmol/L) | 349 ± 115 | 388 ± 129 | 368 ± 124 |
| Plasma homocysteine (µmol/L) | 7.5 ± 1.0 | 6.4 ± 1.3 | 7.0 ± 1.3 |

*1*All values are means ± SDs. These data have been reported previously [27,28,29].

*2*Significant difference between men and women, *P* < 0.05 (2-sample t-test).