

## ELECTRONIC SUPPLEMENTARY MATERIAL

### Effect of eight weeks' oral supplementation with 3- $\mu$ g cyano-B12 or hydroxo-B12 in a vitamin B12-deficient population

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**Fig. S1** Biomarkers for a male participant (48 years) presenting extreme values at baseline. Serum cobalamin (Cbl), holotranscobalamin (holoTC), methylmalonic acid (MMA), and homocysteine (Hcy) are shown at baseline and during eight weeks of supplementation of 3- $\mu$ g/day HO-B12. Hcy was only measure at baseline and at week 2, 4, and 8. Reference intervals (Ref. Int.) are indicated in the lower right corner in the same units as indicated on the y-axis. Note that the y-axis for Hcy does not start at zero. At baseline the biomarker values were: serum Cbl 72 pmol/L; holoTC: 4 pmol/L;

MMA: 5.4  $\mu\text{mol/L}$ ; and Hcy: 116  $\mu\text{mol/L}$ . After eight weeks of treatment the values were: serum Cbl 108 pmol/L; holoTC: 7 pmol/L; MMA: 3  $\mu\text{mol/L}$ ; and Hcy: 92  $\mu\text{mol/L}$ . The data from the participant was excluded from the final dataset presented in the main paper. However, the response pattern of the participant was comparable to the entire group though more extreme and in addition showing a decline in Hcy. Notable also for this participant, MMA declined only after three weeks of supplementation. The figure is made in KyPlot version 5.0

