



Supplementary Figure 1

Cysteine metabolic pathways. The body cysteine pool is the product of protein turnover, dietary intake and synthesis from methionine, via 2 intermediates, homocysteine and cystathionine. Cysteine is also used in synthesis of coenzyme A by condensation with pantothenic acid, and synthesis of glutathione, via condensation with glycine and glutamate. Excess cysteine is converted to taurine mainly in the liver. Compounds shown in bold have been measured in plasma in the present study. Dotted lines show pathways with omitted intermediates for purposes of clarity.