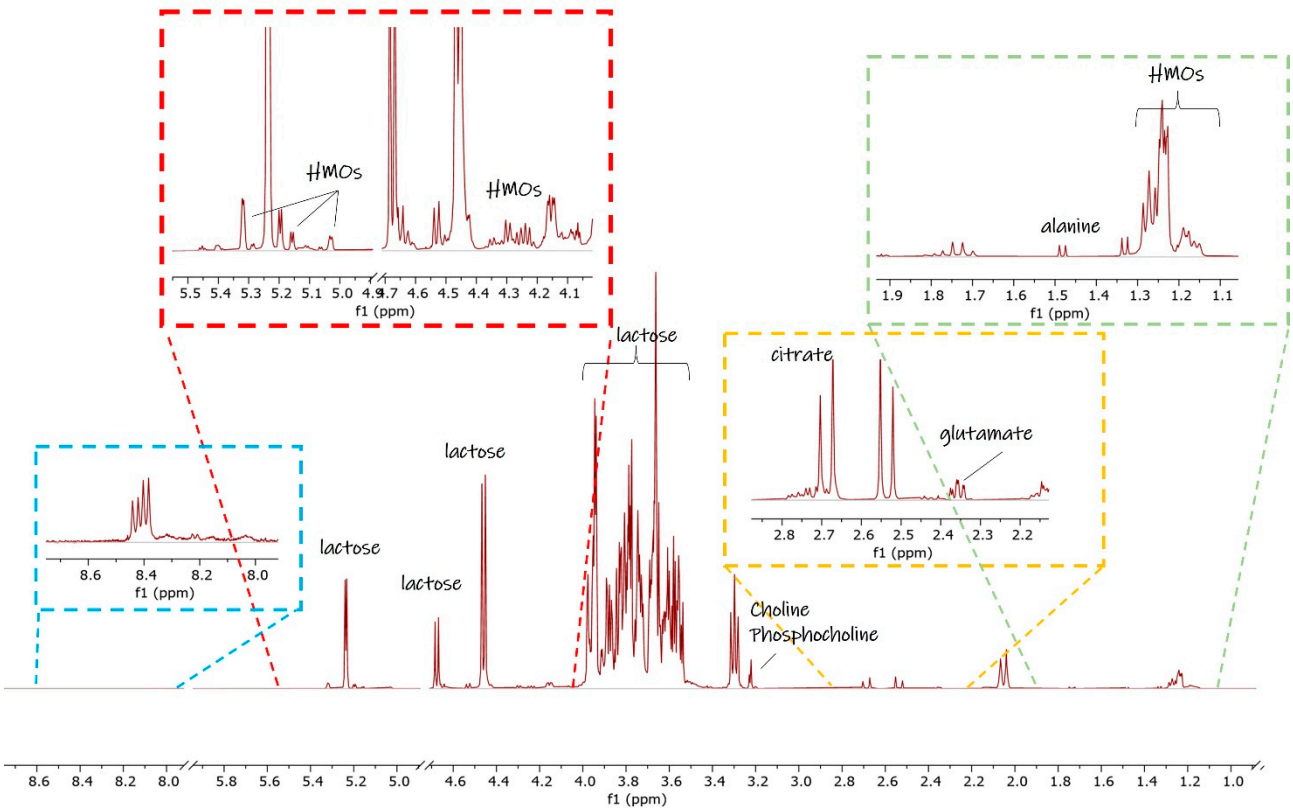

Figure S1. Representative ^{1}H NMR spectrum (500 MHz, 300 K) of human milk.

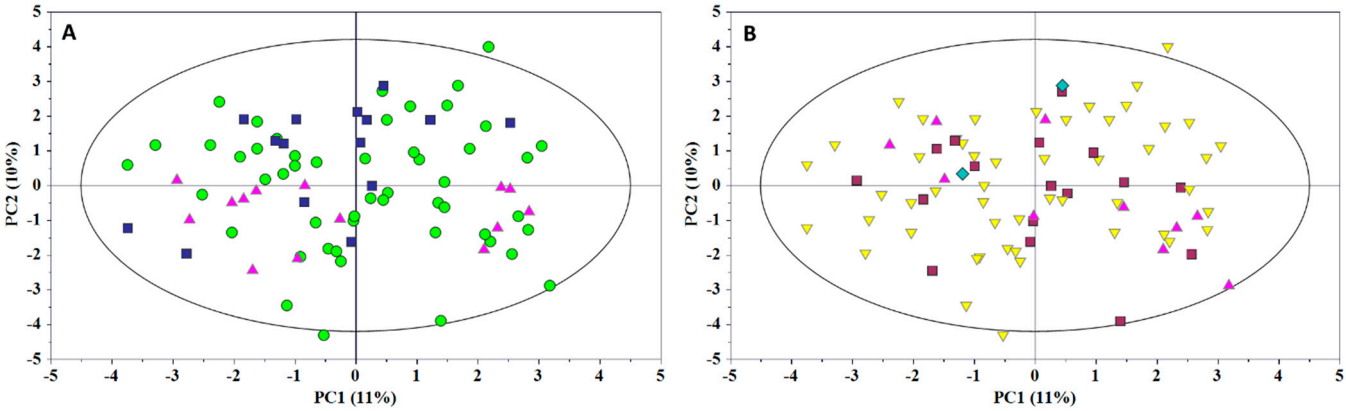

Figure S2. PC1 vs PC2 scores plot of urine samples. Scores are colored according to: A) the infant centile classification AGA (green circle), LGA (blue square), SGA (pink triangle) and B) the milk phenotype: Se^{+}/Le^{+} (yellow inverted triangle), Se^{+}/Le^{-} (pink triangle), Se^{-}/Le^{+} (dark red box) and Se^{-}/Le^{-} (blue diamond).