



### Supplementary Figure 1

Gene expression profiling was performed on RNA samples from a subset of randomly selected participants (n=6) to evaluate the treatment's effect at gene expression levels of the PBMCs. Samples included in the analysis were taken at baseline and 2 hours after cocoa and placebo intake. For analysis, RNA samples were classified per group. All possible pairwise contrast between groups were analyzed creating the contrasts of interest. Contrasts evaluated for this study are the acute response to cocoa {[1] and [4]}, and the acute response to placebo {[2] and [3]}. Labels are defined as follows: V1: Visit-1; V2: Visit-2; Tx1: Cocoa; Tx2: Placebo; B: Baseline; 2h: after 2 hours

### Gene Expression Changes by High-Polyphenols Cocoa Powder Intake. A Randomized Crossover Clinical Study.

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