

**SUPPLEMENTARY FIG. S3.** Quality control, genotype consistency check. QC of paired samples pre- and post-training exposure. Dendrogram showing clustering of individuals by genotypes derived from the 65 SNP probes for biological samples collected pre-/post-training. The y-axis shows Euclidean distance, and samples that show no clustering were those for which no post-training biological samples were available. SNP, single-nucleotide polymorphism.