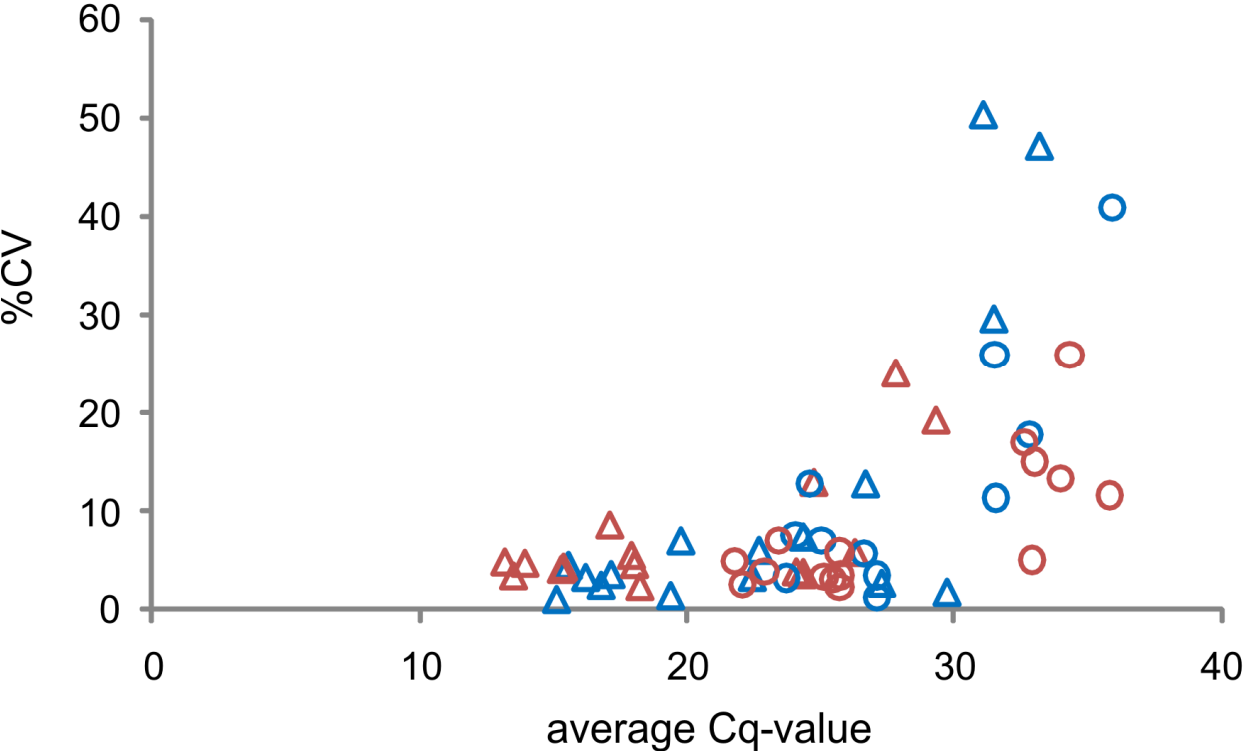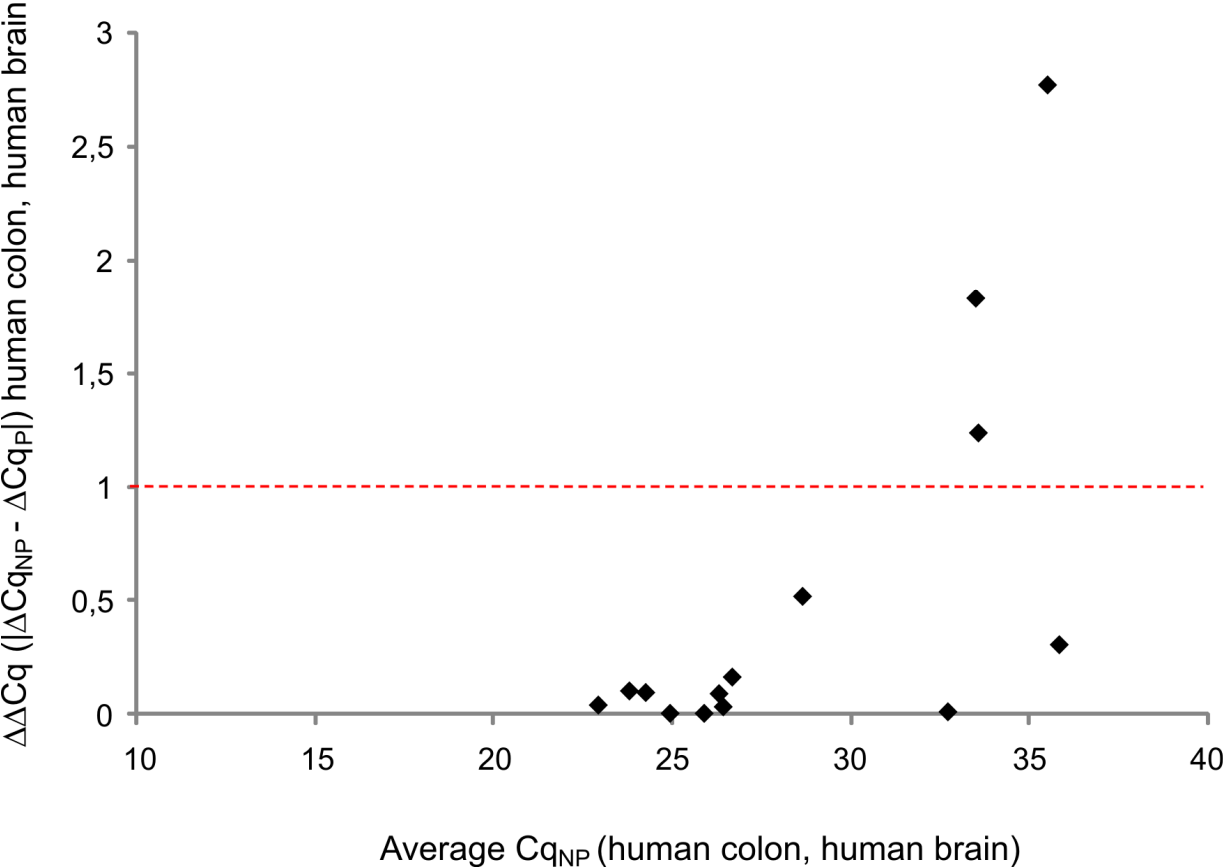Supplementary Figure 1

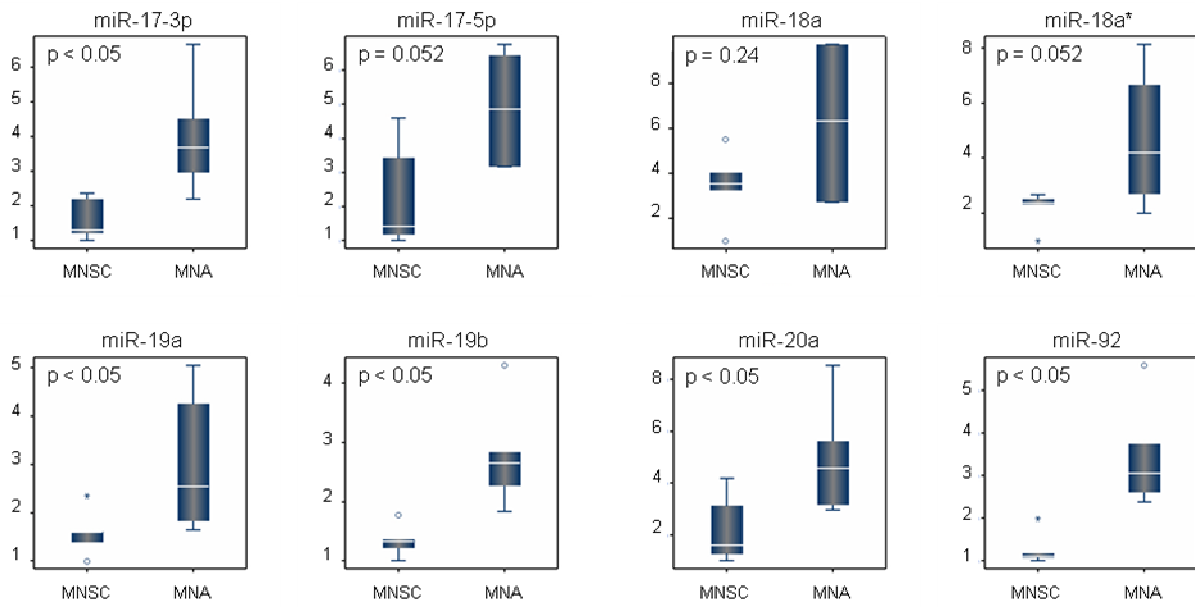Supplementary Figure 2

Supplementary Figure 3

Figure Legends

Supplementary Figure 1

Scatter plot showing the relation between the average Cq-value and the reverse transcription variation (CV) for 16 individual miRNAs in 2 different RNA samples (human brain and human colon), profiled using both Megaplex alone and Megaplex with pre-amplification. Brain samples are depicted in red, colon samples in blue. Triangles represent miRNAs profiled using the Megaplex RT with pre-amplification whereas circles represent miRNAs profiled using Megaplex RT alone.

Supplementary Figure 2

Difference in differential miRNA expression ($\Delta\Delta$Cq) between human colon and human brain as measured using Megaplex RT alone ($\Delta$Cq$_{NP}$) and Megaplex RT with pre-amplification ($\Delta$Cq$_P$). $\Delta\Delta$Cq-values for 16 individual miRNAs are plotted in function of the average expression of each miRNA in the 2 samples as quantified by Megaplex RT alone (average Cq$_{NP}$).

Supplementary Figure 3

Boxplots representing the relative expression of miRNAs belonging to the mir-17-92 cluster in 2 groups of neuroblastoma cell lines: MYCN single copy cell lines (MNSC) and MYCN amplified cell lines (MNA). For each miRNA, Mann-Whitney p-values are indicated. MiRNA expression values were scaled relative to the cell line with the lowest expression.