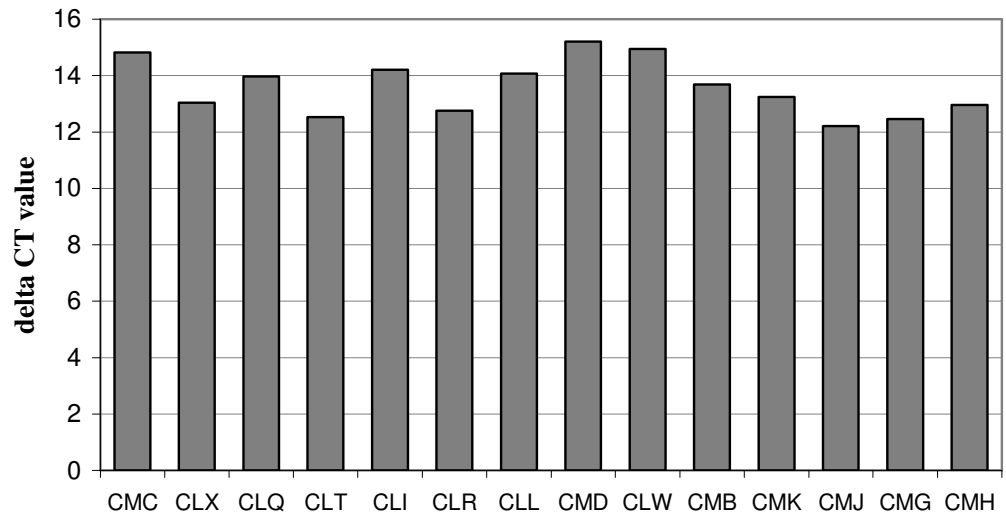


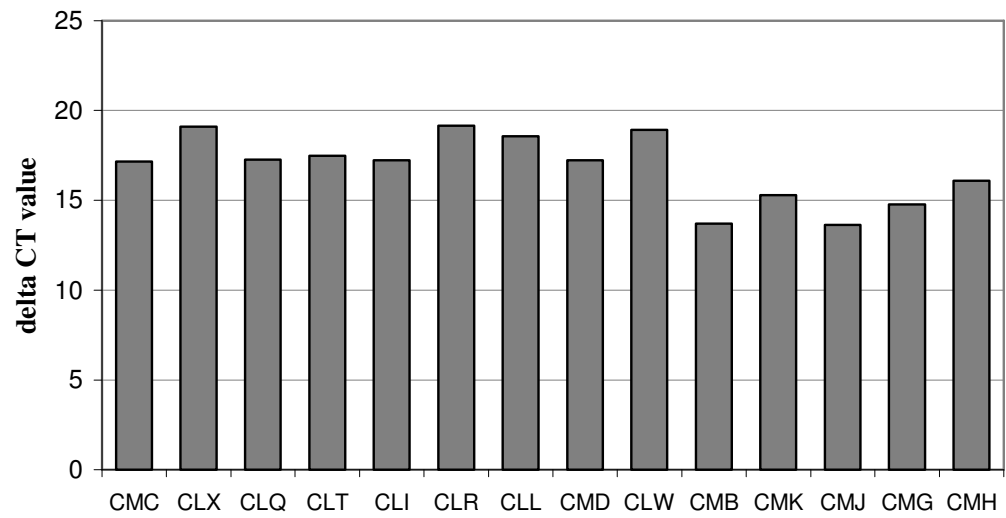
(A)

**hsa-miR-145 controls**



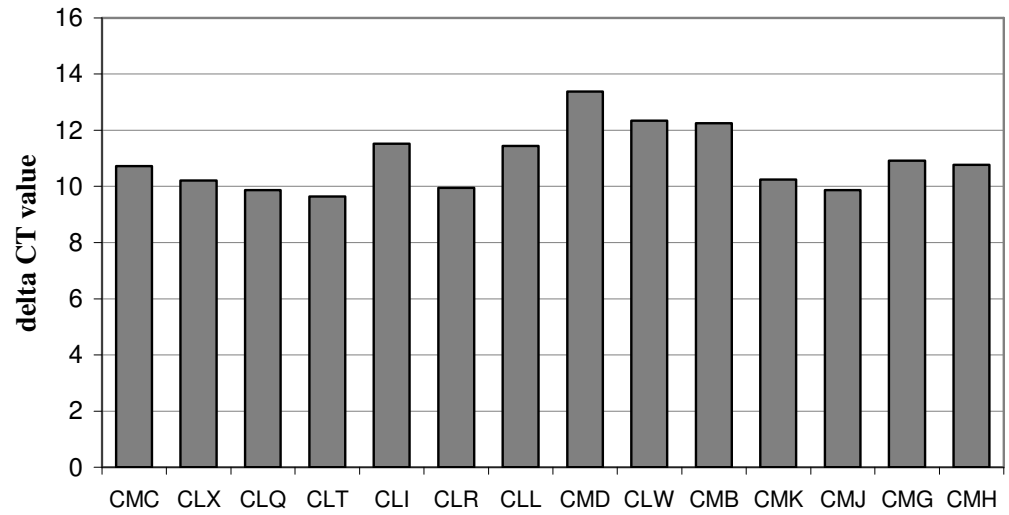
(B)

**hsa-miR-214 controls**



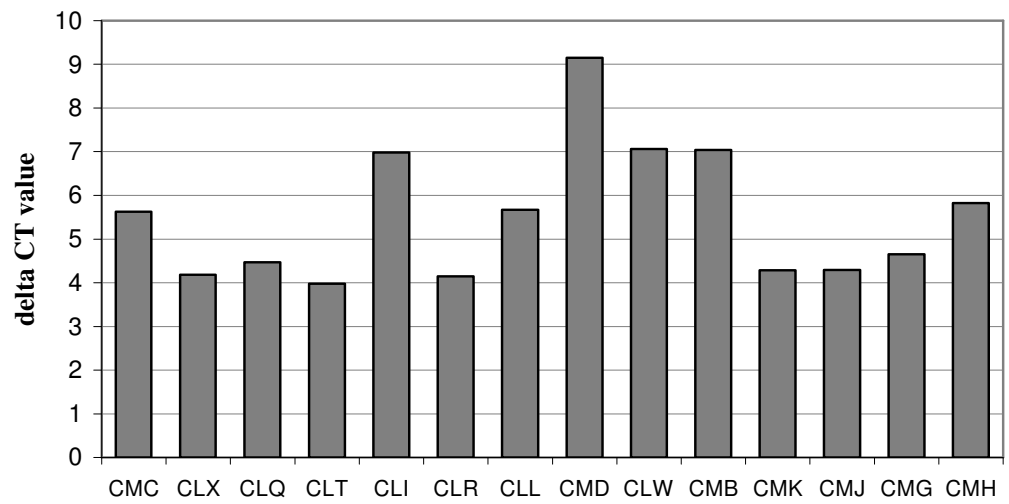
(C)

**hsa-miR-222 controls**



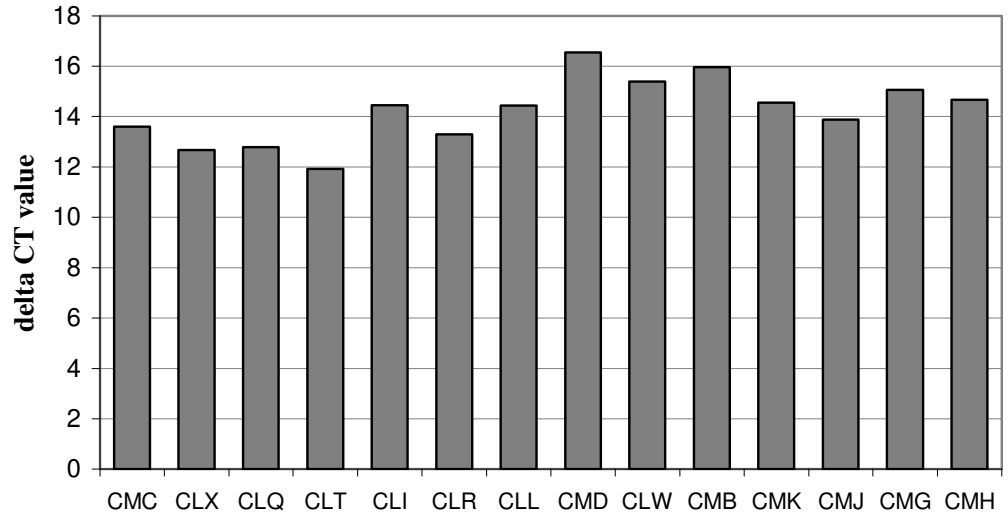
(D)

**hsa-miR-223 controls**



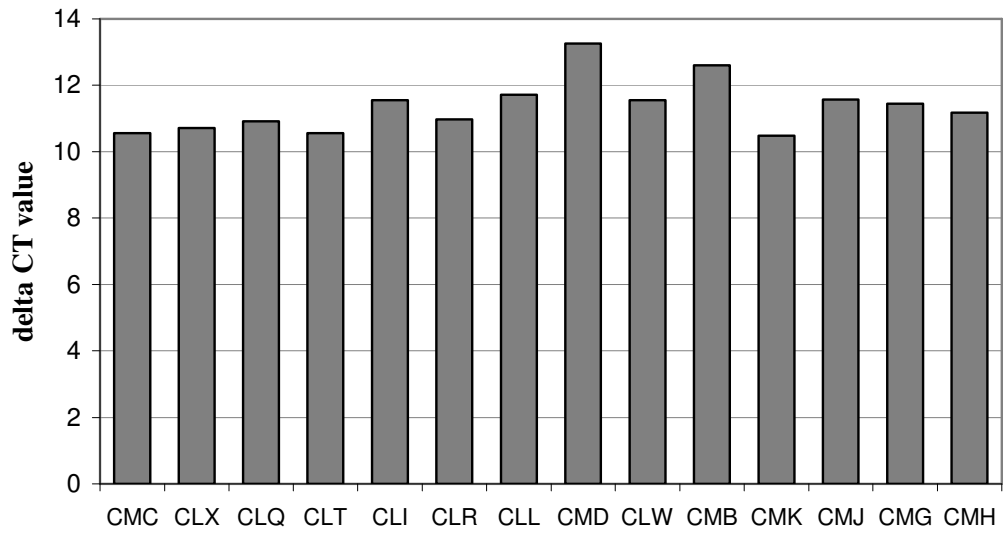
(E)

**hsa-miR-23b controls**



(F)

**hsa-miR-339 controls**



## Appendix 5.

Circulating microRNAs  $\Delta C_T$  value of 14 control subjects. Using 10 ng of template RNA in 15  $\mu$ l, reverse transcription was performed using stem-loop primers. Subsequently, 1.33  $\mu$ l was used for Real-time quantification PCR using StepOne Plus Real-time PCR system (ABI, Foster City, USA). The  $\Delta C_T$  value is equal to the difference in  $C_T$  value for microRNA and 18S rRNA (refer section 3.1.1.2).

- (A) Control's  $\Delta C_T$  value of circulating *Homo sapiens* microRNA-145;
- (B) Control's  $\Delta C_T$  value of circulating *Homo sapiens* microRNA-214;
- (C) Control's  $\Delta C_T$  value of circulating *Homo sapiens* microRNA-222;
- (D) Control's  $\Delta C_T$  value of circulating *Homo sapiens* microRNA-223;
- (E) Control's  $\Delta C_T$  value of circulating *Homo sapiens* microRNA-23b and
- (F) Control's  $\Delta C_T$  value of circulating *Homo sapiens* microRNA-339.