

Supplementary information, Figure S1

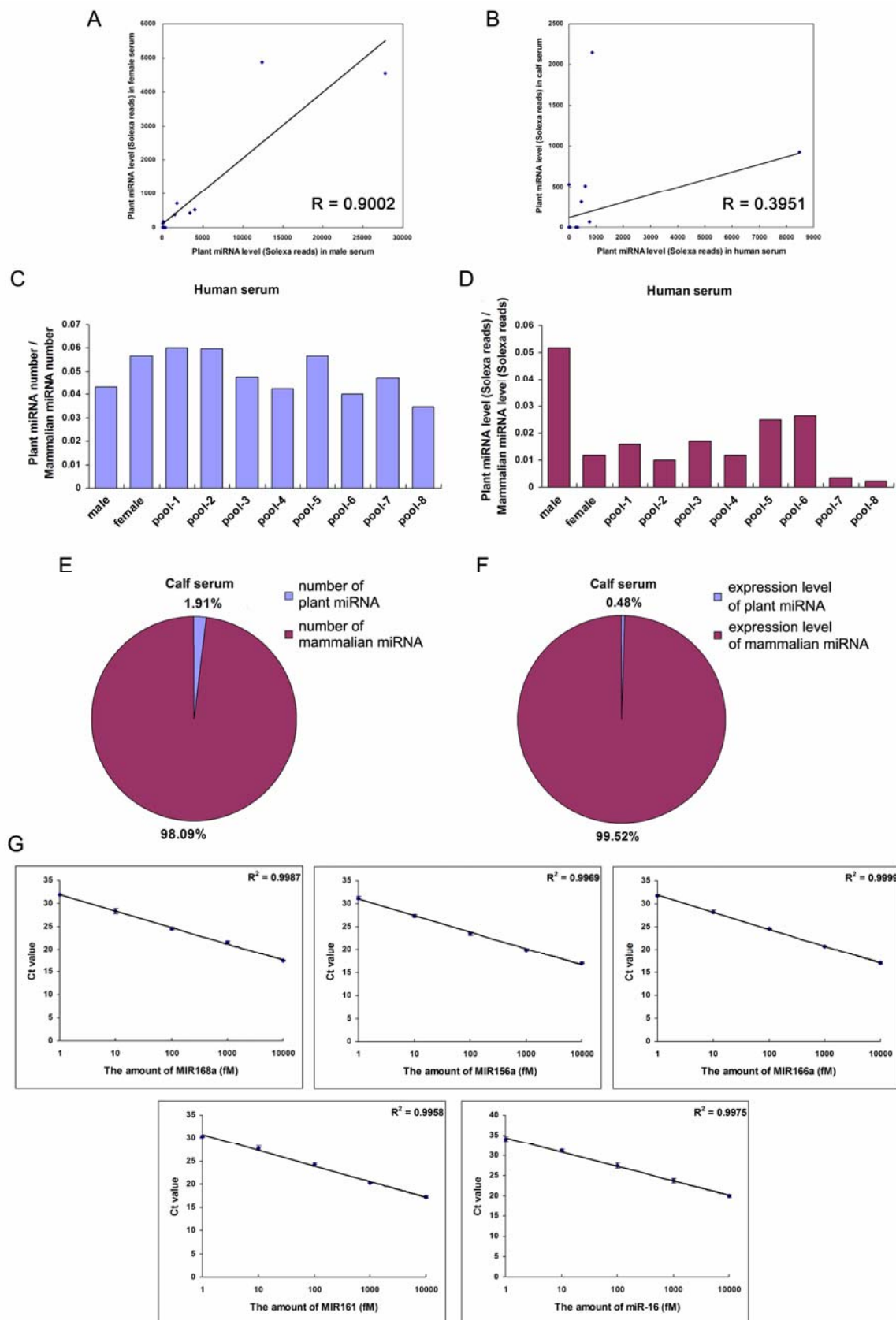


Figure S1 The detection and analysis of plant miRNAs in serum samples of mammals. **(A)** A comparison of plant miRNAs detected by Solexa sequencing in Chinese male and female sera. **(B)** A comparison of plant miRNAs detected by Solexa sequencing in human and calf sera. **(C-D)** The numbers and expression levels of plant miRNA species versus the numbers and expression levels of mammalian miRNA species in human sera. **(E-F)** The numbers and expression levels of plant miRNA species versus the numbers and expression levels of mammalian miRNA species in calf sera. **(G)** The representative standard curve for plant miRNAs. For each assay, a standard calibration curve was prepared by a 10-fold serial dilution of the synthetic single-strand MIR168a, MIR156a, MIR166a, MIR161, or miR-16 (synthesized by TaKaRa, Dalian, China) from 1 fM to 10^4 fM, and the level of each miRNA was assessed by the qRT-PCR assay. The resulting C_T values were plotted versus the amount of input miRNA. Each point represents the mean of three independent experiments.