



**Fig. S3.** Quality control (QC) of small RNA-seq samples. Relationship of total RNA quality (RINe, x-axis) versus miRNA mapped reads colored by sequencing batch as a percentage of all hg19 mapped reads (A) or total number of miRNA reads (B). PCA plot of log2 transformed miRNA read counts after low count read removal based on sequencing run (C) and subject (D). PCA plot of log2 transformed miRNA read counts after normalization colored by sequencing run (E) or subject (F). No statistically significant difference was observed based solely on any of the criteria tested.