



M1 = 10 bp DNA ladder

M2 = 25 nt DNA marker

Figure S2. Sample Northern analysis of miRNAs which were differentially detected using our microarrays and Northern analyses reported in the literature (Sempere et al 2003). 5 ug of total RNA was separated using 20% polyacrylamide-urea gels and transferred to nylon membranes (see Methods). Each blot was hybridized with 5'-32-P labeled probes that were fully complementary to the mature miRNA sequence. Hybridization using a probe for U5 snRNA was used to control for loading and Northern detection . Probe sequences were; CTGAGAGTGTAGGATGTTTACA (miR-30c), and CTCTCCACGGAAATCTTTAGTAAAAGG (U5). M1 is a 10 bp DNA ladder, M2 is a 25 nt DNA oligo.