Supplementary Figure 2. Ectopic expression of mir17-92 in Eμ-myc/mir17-19b B-cell lymphomas.
MicroRNA expression from two control Eμ-myc/MSCV lymphomas (MSCV_1, MSCV_2) and two Eμ-
myc/mir17-19b lymphomas (17-19_1, 17-19_2) was quantitated by microarray analysis. Also measured was microRNA expression levels for Eμ-myc/mir17-19b lymphoma cells that were purified by FACS sorting for linked GFP expression (17-19_GFP). Total RNA was labeled with Cy3 and hybridized to microarrays that contain probes to 198 mouse mature microRNAs. Background subtracted one-channel measurements were log transformed (base 2) and median center normalized. Four independent data sets for each cell line were collapsed by median, except for 17-19_2 lymphoma, which had two data sets only. Karpas 1718, the cell line with the highest 13q31 amplification, is shown for comparison. The heat map indicates expression of each conserved (mouse/human) microRNA in the mir17-92 locus, with four let-7 microRNAs shown for comparison. Yellow indicates high expression relative to the median and blue indicates low expression.