



**Figure S4: Micro-array analysis of MS5 cells treated or not with MEKi.** RNA isolated from MS5 cells cultured in the presence of 1 $\mu$ M PD184352 or DMSO (diluent) for 1 week was hybridized to Affymetrix murine Gene1.0 ST arrays according to the manufacturer's instructions. Three (s1, s2, s3) experiments were performed and processed separately. Results were crossed using pair-wise Tukey's post hoc tests that identified a common set of 110 genes.