

**Figure 3 - Supplement 1.** Pathview (?) plot of the KEGG (?) pathway showing the Cell mitotic cycle ("HSA 04110") superimposed with RNA-seq expression data corresponding to the  $log_2$ -transformed fold change in expression of cell cycle transcripts from HIOs microinjected with *E. coli* relative to PBS-injected HIOs at 48 h post-microinjection. Mean of 4 biological replicates, each representing 5-6 pooled HIOs.