Use antibiotics in cell culture with caution: genome-wide identification of antibiotic-induced changes in gene expression and regulation

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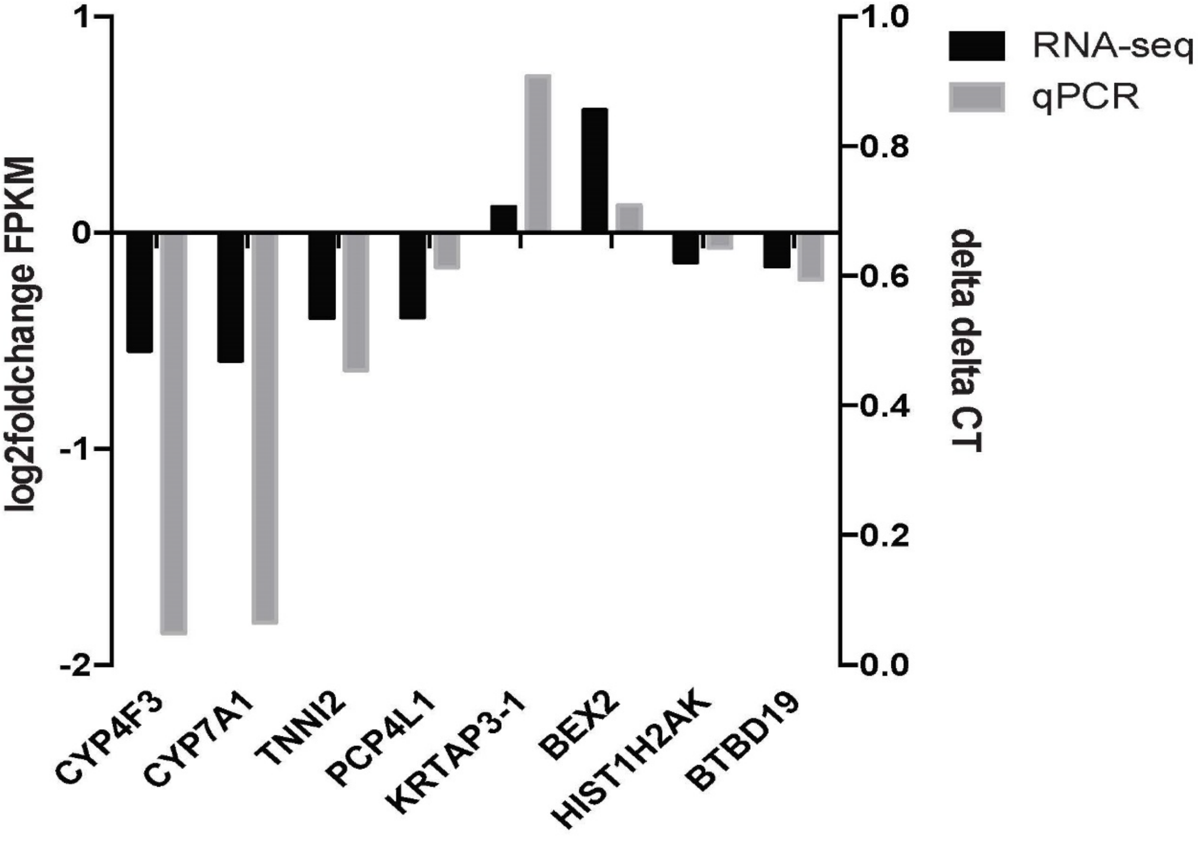

Supplementary Figure S1. qPCR validation for eight PenStrep RNA-seq differential expressed genes. ΔΔ C_t values for *CYP4F3*, *CYP7A1*, *TNNI2*, *PCP4L1*, *KRTAP3-1*, *BEX2*, *HIST1H2AK*, *BTBD19* were normalized to housekeeping gene expression levels, then calculated between PenStrep and control conditions. These ΔΔ C_t values were plotted in parallel with the log2fold change FPKM values from the RNA-seq results for each gene.