expression vs. midpoint density around TSSs (-500 to +500 bp)

A. HMGD1 midpoint density (log10 RPKM)
   HMGD1 (R=0.47)

B. H1 midpoint density (log10 RPKM)
   H1 (R=-0.24)

C. Pearson correlation at each nucleosome around TSSs
   - Total nucleosomes
   - HMGD1
   - H1
   - HMGD1 / H1 ratio

Correlation with gene expression at each nucleosome around TSSs

nucleosome number

RNA-seq expression (log10 RPKM)