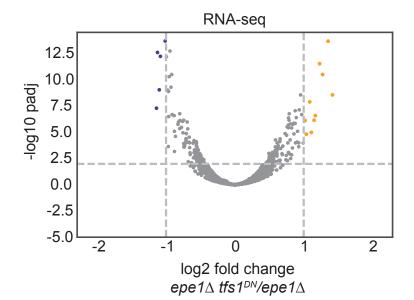
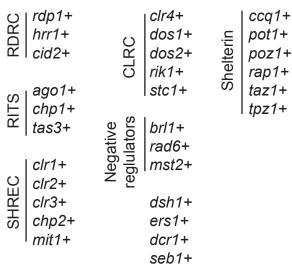


В



Not significantly changed



Supplemental Figure S9. TFIIS^{DN} expression silences genes within a PIER but does not alter expression of heterochromatin factors. A) Significantly

decreased transcript levels observed in two genes ($cta3^+$ and $its8^+$, but not $ibp1^+$) found within PIER2 ($act1^+$ is a control for no significant change). ***p<0.001, **p=0.0014. Dotted line = no change. **B)** RNA-seq volcano plot of log2 fold changes in transcript levels in $epe1\Delta$ $tfs1^{DN}$ (Isolate 2 – containing PIER2) compared to $epe1\Delta$. 11 genes have significantly lower expression in $epe1\Delta$ $tfs1^{DN}$ (blue dots); 15 genes have significantly higher expression in $epe1\Delta$ $tfs1^{DN}$ (orange dots). padj = adjusted p-value obtained from DESeq2. (right) No significant changes in transcript levels were observed in heterochromatin factors.