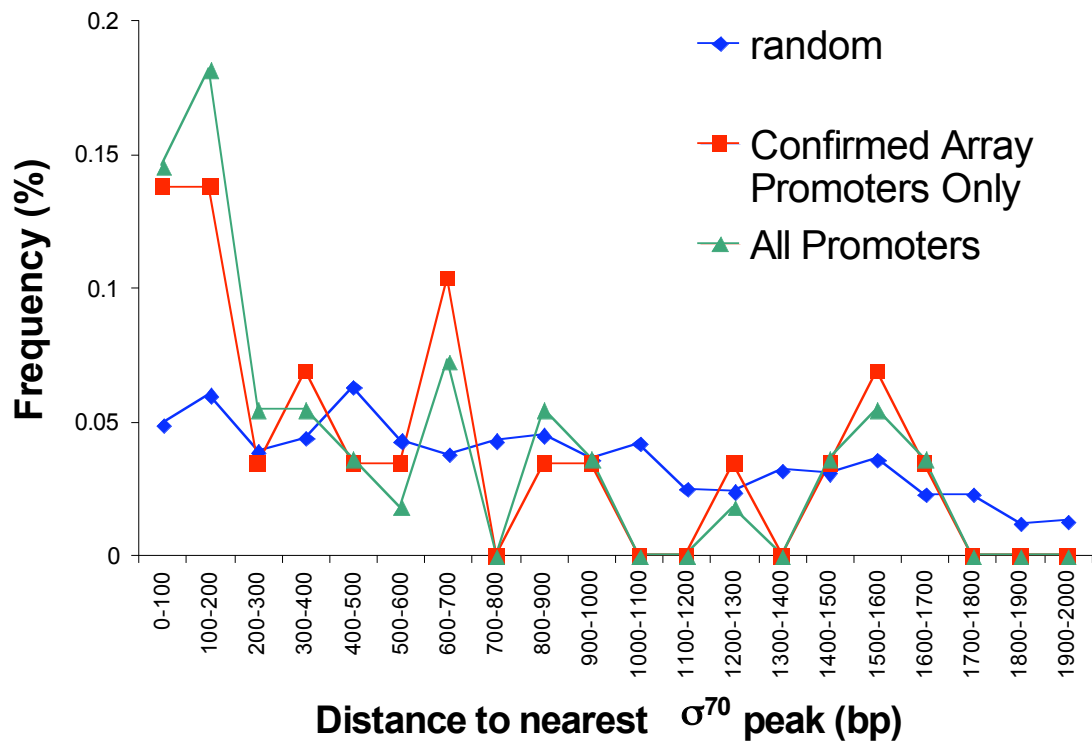


### Supplementary Figure 3



**Supplementary Figure 3** Overlap between  $\sigma^E$  targets and targets of  $\sigma^{70}$ . Distribution of minimum distances to a  $\sigma^{70}$  target from  $\sigma^E$  promoters (red and green lines) or from 1,000 random genomic coordinates (blue line).  $\sigma^E$  promoters are those identified by Rhodius *et al.* (2006). These promoters consist of 3 classes: (i) those promoters identified as upregulated by  $\sigma^E$  overexpression using microarray analysis that were confirmed as  $\sigma^E$  promoters using 5' RACE or *in vitro* transcription assays; (ii) those promoters identified as upregulated or down-regulated by  $\sigma^E$  overexpression using microarray analysis that were not confirmed as  $\sigma^E$  promoters using 5' RACE or *in vitro* transcription assays; (iii) previously identified  $\sigma^E$  promoters not identified as upregulated or down-regulated by  $\sigma^E$  overexpression using microarray analysis that were confirmed as  $\sigma^E$  promoters using 5' RACE, *in vivo* or *in vitro* transcription assays. The red line is the distribution when using class (i) only; the green line is the distribution when using all 3 classes.