**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.