Table S 1. Significance (P-values) of difference between tCAI or position preference values of genes with either 10% highest or 10% lowest expression values.

	tCAI	position preference
E. coli	~0	1.5e-34
P. aeruginosa	~0	8.4e-15
G. sulfurreducens	1.5e-14	3.2e-3
C. jejuni	~0	3.1e-28
B. subtilis	~0	2.5e-12
S. cerevisiae	~0	5.8e-97

Table S 2. Comparison of position preference values and microarray gene expression values.

	Spearman's correlation (rho)	overlap between 10% lowest PP and 10% most highly expressed, Fisher's exact test
S. cerevisiae	-0.36 (P-value = 2.7e-168)	5.9e-117
E. coli	-0.20 (P-value = 1.7e-39)	1.3e-37
P. aeruginosa	-0.20 (P-value =9.2e-51)	3.3e-25
G. sulfurreducens	-0.11 (P-value = 5.7e-11)	0.0083
C. jejuni	-0.44 (P-value = 6.2e-77)	5.1e-27
B. subtilis	-0.11 (P-value = 7.3e-11)	7.2e-05