

Additional file 3. Number (#) of specific NAPs target genes in *E. coli* (as found in the RegulonDB) and of the orthologous genes (putative conserved targets) in the four *Buchnera* strains *BAp*, *BSg*, *BBp* and *BCc*.

	# of <i>E. coli</i> target genes	# of conserved targets in <i>BAp</i>	# of conserved targets in <i>BSg</i>	# of conserved targets in <i>BBp</i>	# of conserved targets in <i>BCc</i>
Fis	215 (0.041 %) ^a	57 (0.093 %)	56 (0.096 %)	51 (0.094 %)	27 (0.068 %)
H-NS	145 (0.027 %)	10 (0.016 %)	9 (0.015 %)	8 (0.015 %)	3 (0.008 %)
HU	9 (0.002 %)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
IHF	216 (0.041 %)	34 (0.056 %)	34 (0.058 %)	25 (0.046 %)	26 (0.065 %)
Chi² tests^b	-	NS	NS	NS	NS

^a percentages are estimated on the total number of genes for each organism (5305 for *E. coli*, 610 for *BAp*, 582 for *BSg*, 541 for *BBp* and 397 for *BCc*). ^b Chi-square tests comparing the four *Buchnera* strains with *E. coli*. NS: not significant (pvalue > 0.05). YbaB was not included in the analysis, as no target is known for this protein.