

growth doubling time in min	wild type	$\Delta arcS$	$\Delta arcS \Delta hptA$	$\Delta arcA$	PBAD-33-arcB
	silent	45.9 ±1.0	72.3 ±1.9	67.2 ±2.2	
induced	41.2 ±0.8	44.2 ±0.2	44.0 ±0.3	84.9 ±5.3	

Figure S5: Complementation of growth defects of *S. oneidensis* MR-1 Arc mutants by *E. coli* ArcB. The corresponding *S. oneidensis* wild type or mutant strains harboring pBAD33-arcB were grown aerobically to stationary phase under inducing (lower panel) and non-inducing ('silent', upper panel) conditions. The doubling time was calculated from the exponential growth phase.