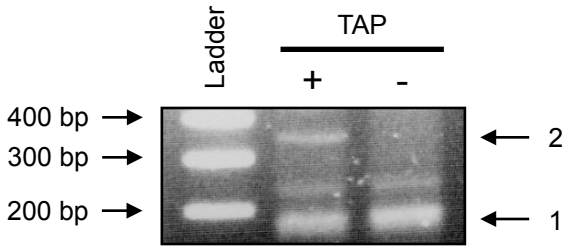

Figure S1. *manYZ* contains a monophosphorylated 5' end indicative of a processing event. Total RNA extracted from wild-type (DJ480) cells was treated with Tobacco Acid Pyrophosphatase (TAP) and ligated to a synthetic RNA adapter. A *manY*-specific band (band 1) was present at approximately equivalent levels in both TAP-treated and untreated samples, indicating the *manY* species contains a monophosphorylated end. Band 2 was also gel extracted and sequenced but was a non-specific PCR product.

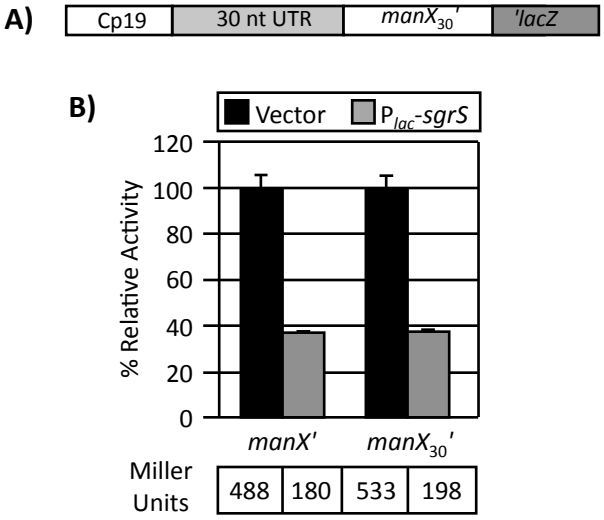

Figure S2. The 5' UTR of *manX* is not required for regulation by SgrS. A) A chromosomal *lacZ* translational fusion was constructed at the native locus. The native promoter of *manX* was replaced with the constitutive Cp19 promoter (27)30 nt upstream of the *manX* start codon, thereby deleting 85 nt of the *manX* 5′ UTR (*manX'*$_{30}$*-'lacZ*). B) Cp19-*manX'-'lacZ* (JH175) and *manX*$_{30}$*'-'lacZ* (JH181) strains (Fig. 1A) carrying an empty vector or P_{lac}-*sgrS* were analyzed for β-galactosidase as described in Fig. 1C.

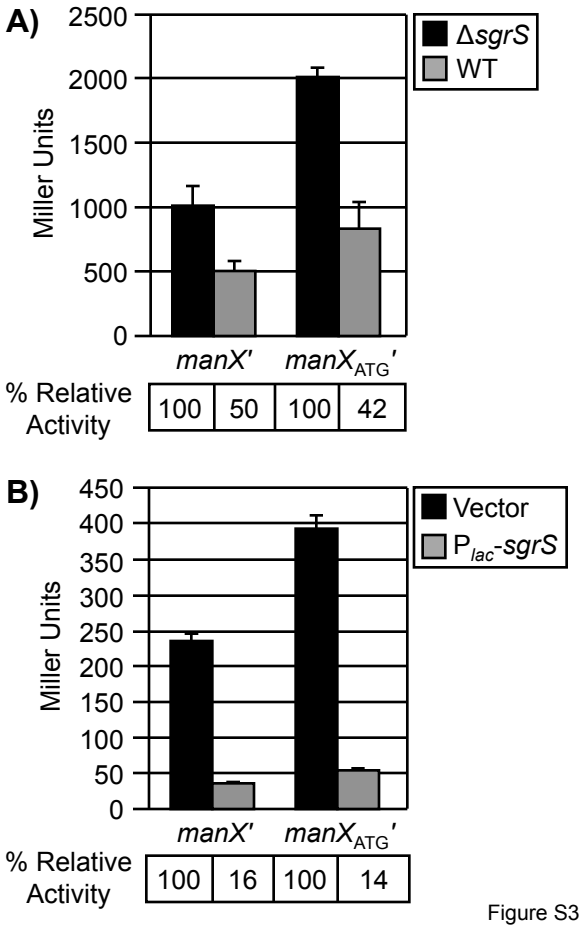

Figure S3

Figure S3. The *manX* start codon does not influence regulation by SgrS. A) *manX'-'lacZ* strains were Δ*sgrS* (JH115) or *sgrS*$^+$ (JH114). These were compared to Δ*sgrS* (JH244) or *sgrS*$^+$ (JH241) *manX*$_{ATG}$*'-'lacZ* strains. β-galactosidase assays were performed and data normalized as described in Fig. 1B. B) A *manX'-'lacZ* strain (JH116) carrying an empty vector or P$_{lac}$-*sgrS* was compared to a *manX*$_{ATG}$*'-'lacZ* (JH244) also carrying an empty vector or P$_{lac}$-*sgrS*. Assays were performed as described in Fig. 1C.