

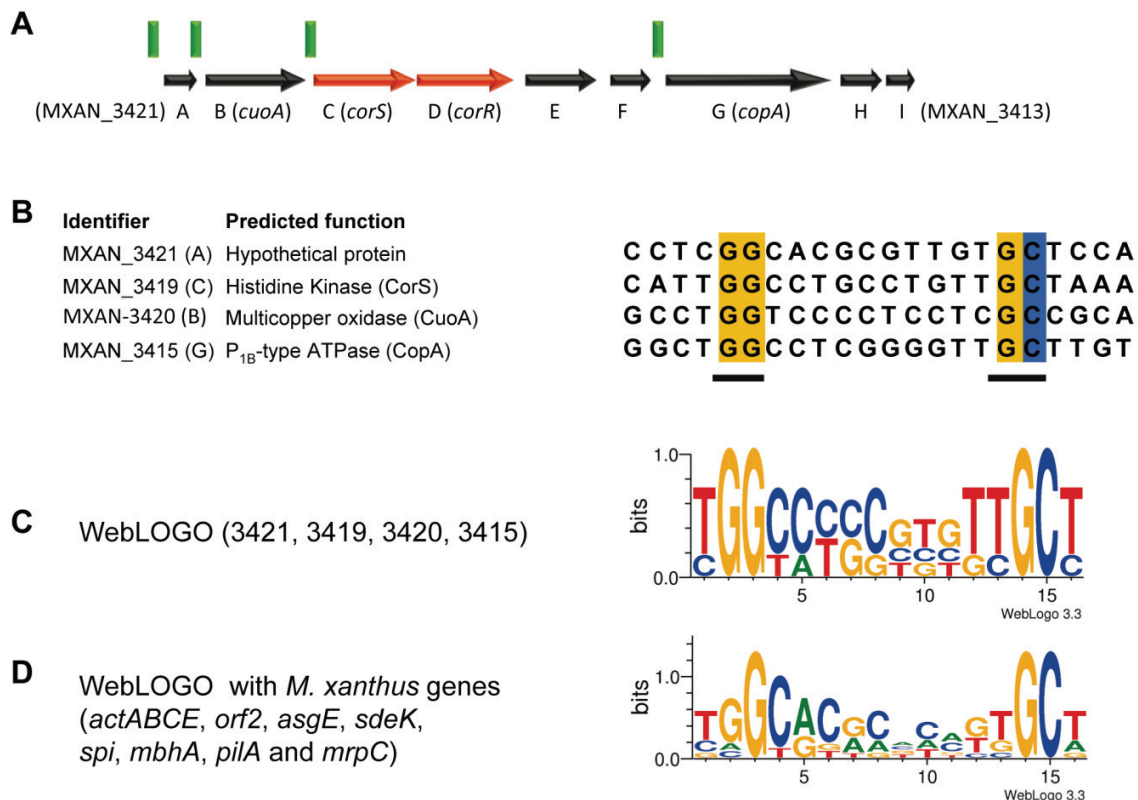


Figure S2. *In silico* analysis of the upstream sequences of the *curA* genes. **A.** Four different σ^{54} promoters were found (green rectangles). **B.** Sequence alignments of the four putative promoters. Underlined nucleotides match the *E. coli* σ^{54} consensus: TGGCACGRNNTTGCW described by Barrios *et al.* (1999). **C.** LOGO representation of the four putative promoters. **D.** LOGO obtained with the putative σ^{54} promoter sequences described in other *M. xanthus* genes (Kroos and Inouye, 2008).

Barrios H, Valderrama B, Morett E (1999) Compilation and analysis of sigma(54)-dependent promoter sequences. Nucleic Acids Res.15: 4305-4313.

Kroos L, Inouye (2008) Transcriptional regulatory mechanisms during *Myxococcus xanthus* development. In Whitworth DE, editor. Myxobacteria. Multicellularity and differentiation. Washington, DC, USA: ASM Press. pp. 149-168.