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Title page**Isogenic mutations in the *Moraxella catarrhalis* CydDC system display pleiotropic phenotypes and reveal the role of a palindrome sequence in its transcriptional regulation**

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Graphical abstract. A Model for the CydDC system regulation in *M. catarrhalis*.

A diagrammatic representation of the CydDC system. The protein is involved in the translocation of the cysteine across the plasma membrane to the periplasm. The promoter region has transcription factor binding sites (TFBS; the red regions) to which a putative transcription factor binds (TF), when the two binding sites are available (i) the system is turned on, however, when one site is available (ii), the transcription of the system is turned down.

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