

Mua (HP0868) Is a Nickel-Binding Protein That Modulates Urease Activity in *Helicobacter pylori*

Stéphane L. Benoit and Robert J. Maier

Department of Microbiology, University of Georgia, Athens, Georgia, USA

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TABLE 2 Expression of *xylE* transcriptional fusions in *E. coli* as a function of Ni^a

Plasmid	<i>xylE</i> fusion	Presence of P _{lacZ} - <i>mua</i>	XylE activity (units/10 ⁸ cells)	
			No Ni added	1 mM Ni added
pSB306	<i>xylE</i> only	No	0.12 ± 0.01	0.07 ± 0.01
pSB328	<i>xylE</i> only	Yes	0.22 ± 0.02	0.17 ± 0.03
pSB308	P _{hydA} - <i>xylE</i>	No	10.47 ± 1.10	8.80 ± 0.29
pSB330	P _{hydA} - <i>xylE</i>	Yes	9.50 ± 0.59	9.08 ± 1.26
pSB309	P _{ureA} - <i>xylE</i>	No	4.93 ± 0.31	5.45 ± 0.25
pSB331	P _{ureA} - <i>xylE</i>	Yes	1.78 ± 0.37	1.43 ± 0.28

^a XylE activity is expressed as nanomoles of catechol oxidized per minute. Results shown are the means ± standard deviations of results from two to three independent experiments.

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