

SUPPORTING INFORMATION

Ligand-dependent dynamics of the active-site lid in bacterial dimethylarginine dimethylaminohydrolase

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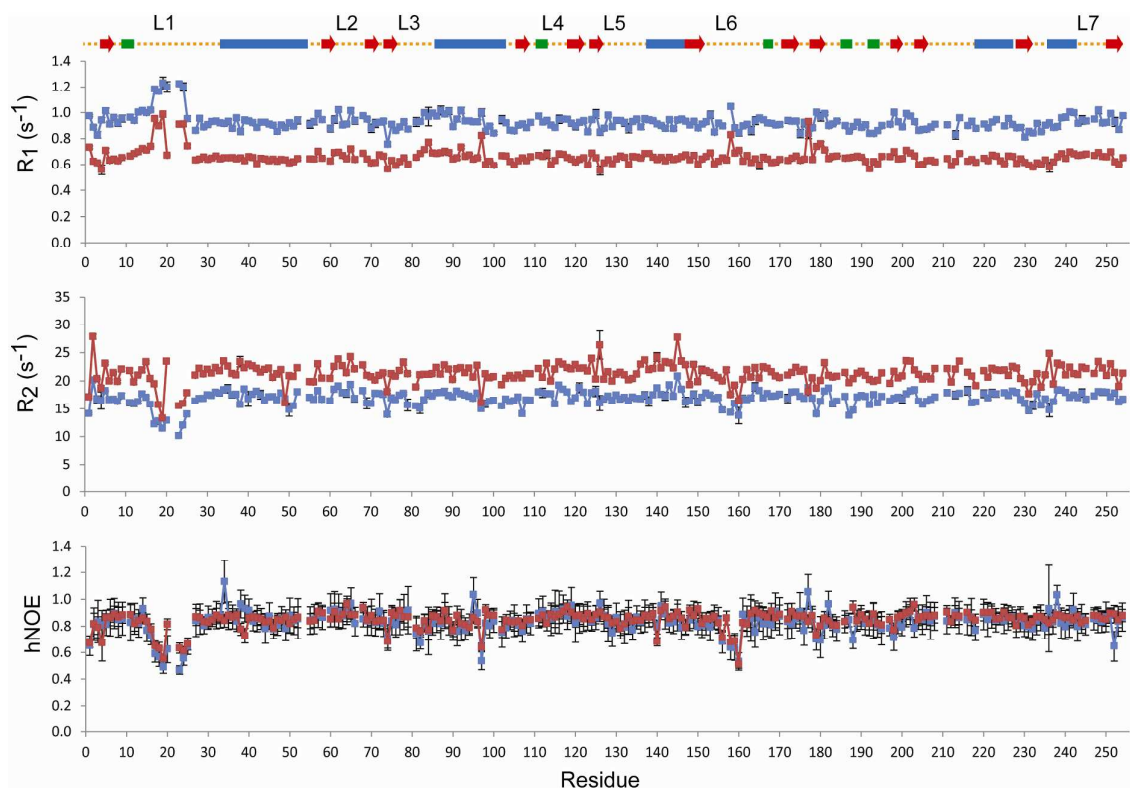
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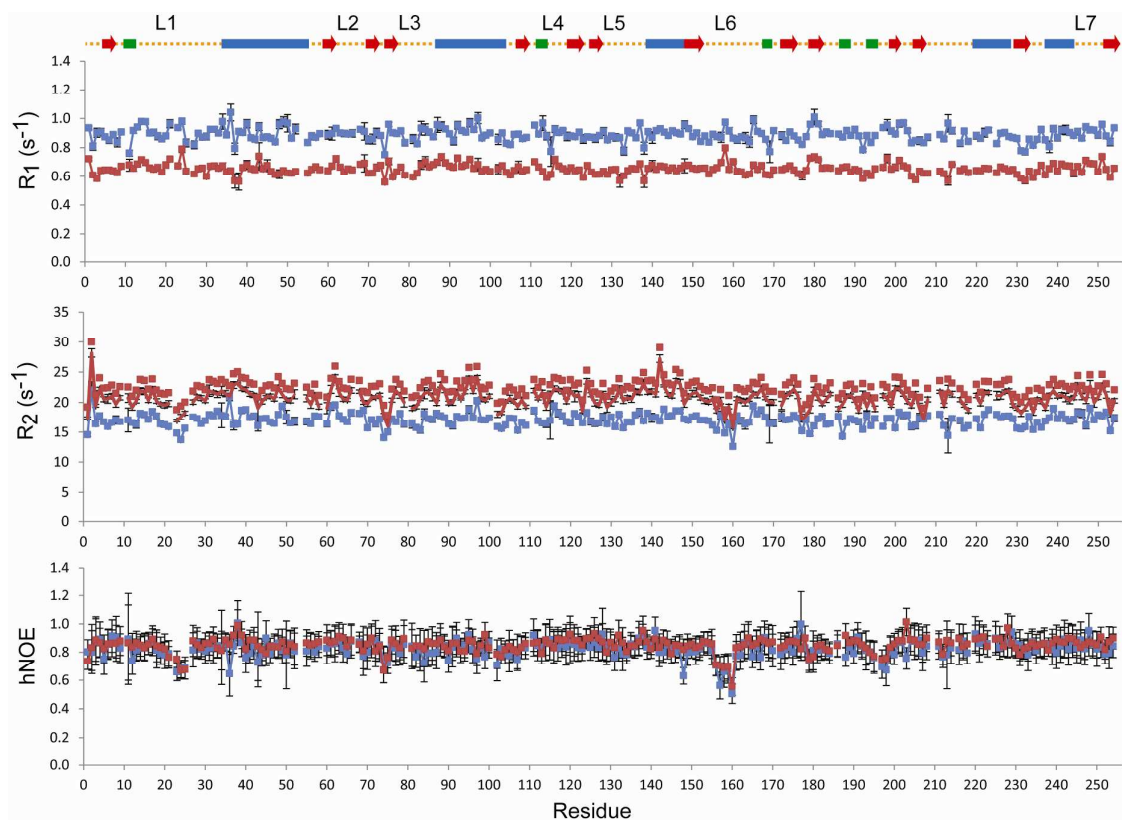
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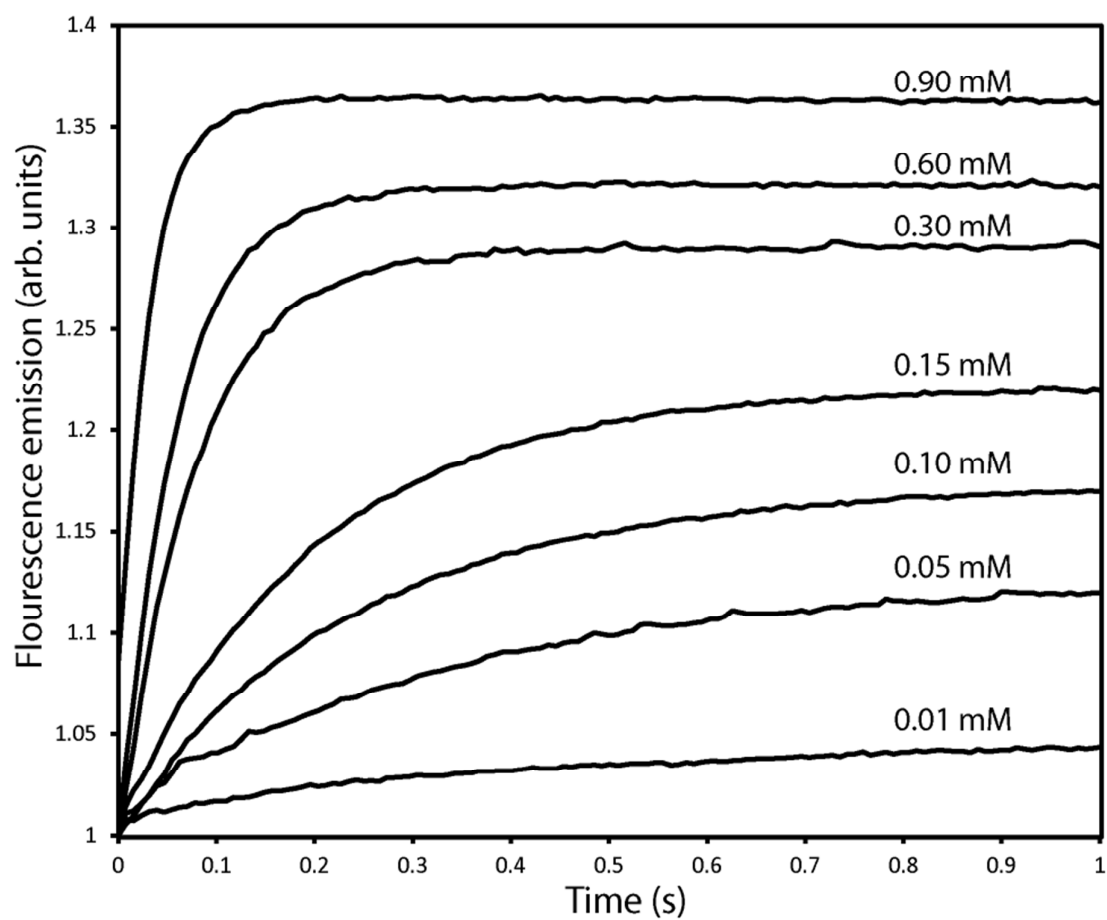
Supplementary Figure 1

^{15}N nuclear relaxation measurements for *apo* TM-PaDDAH. Per-residue ^{15}N R_1 , ^{15}N R_2 and $\{^1\text{H}\}^{15}\text{N}$ heteronuclear NOE (hNOE) values obtained at ^1H 600 MHz (blue) and 800 MHz (red) and 25°C. The secondary structure of PaDDAH is depicted at the top of the figure.



Supplementary Figure 2

^{15}N nuclear relaxation measurements for L-citrulline-saturated TM-PaDDAH. Per-residue ^{15}N R_1 , ^{15}N R_2 and $\{^1\text{H}\}^{15}\text{N}$ heteronuclear NOE (hNOE) values obtained at ^1H 600MHz (blue) and 800 MHz (red) and 25°C. The secondary structure of PaDDAH is depicted at the top of the figure.



Supplementary Figure 3

Representative time-resolved stopped-flow fluorescence traces obtained by mixing of 2.5 μ M S20C-MDCC-labeled DM-PaDDAH (*f*-DM-PaDDAH) with ADMA at the indicated concentrations.