

FRET-FCS Detection of Intra-lobe Dynamics in Calmodulin

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Supporting Information

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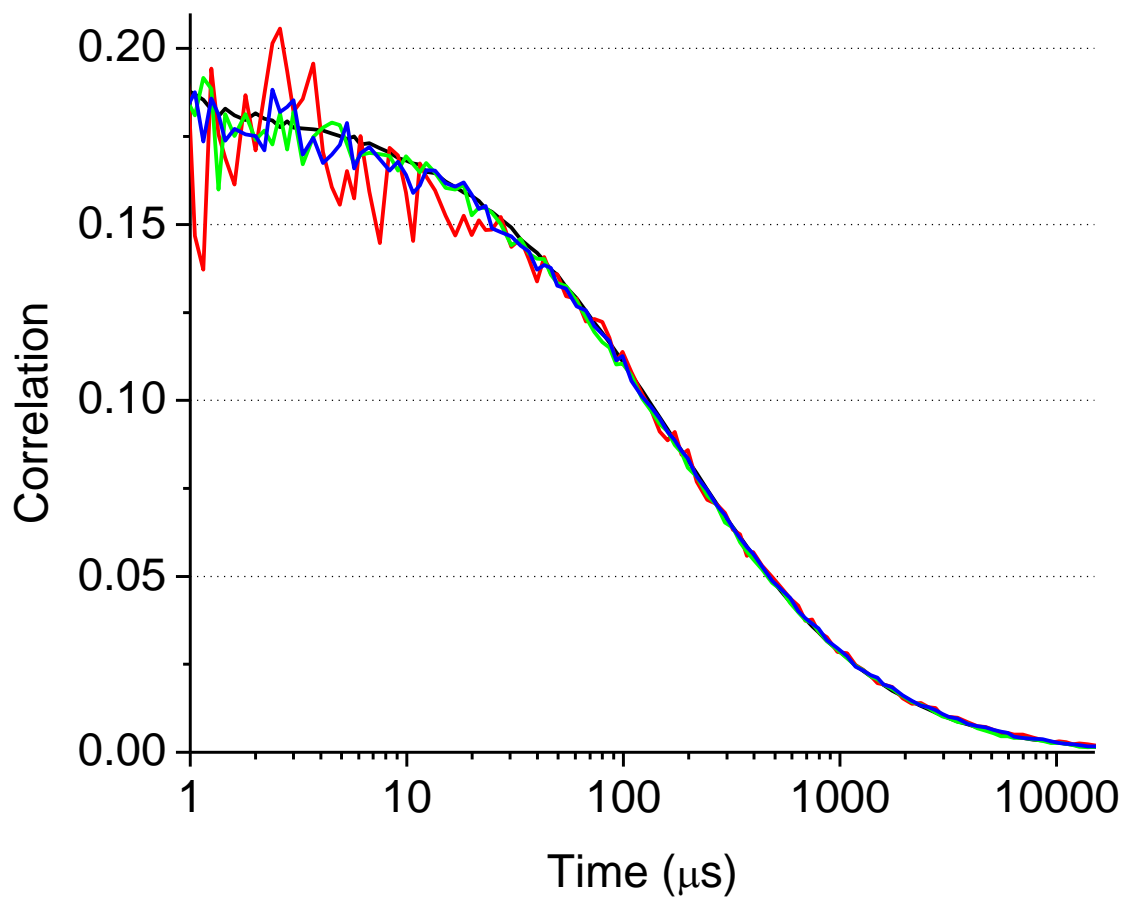


Figure S1. Correlation functions for polyproline-AF488-Atto 740 normalized to show overlap of the time dependence of the four correlation functions. $G_{GG}(\tau)$ (black), $G_{RR}(\tau)$ (red), $G_{GR}(\tau)$ (green), and $G_{RG}(\tau)$ (blue).

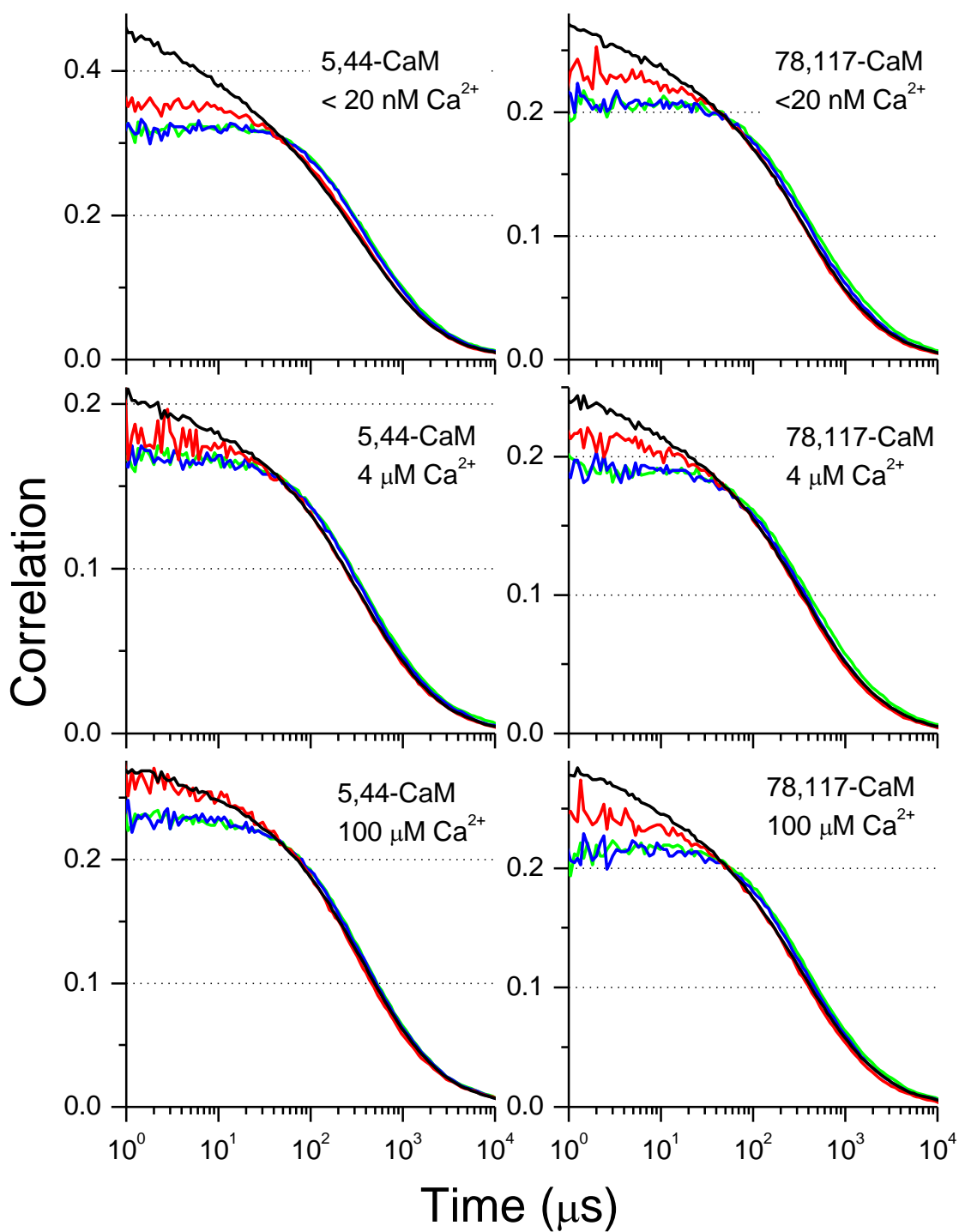


Figure S2. Correlation functions for CaM-AF488-Atto 740 scaled to $G_{GG}(\tau)$ at $\tau = 50 \mu\text{s}$. $G_{GG}(\tau)$ (black), $G_{RR}(\tau)$ (red), $G_{GR}(\tau)$ (green), and $G_{RG}(\tau)$ (blue). The shift between autocorrelations and cross-correlation functions indicating intramolecular fluctuations is most visible for 5,44-CaM in the low-Ca²⁺ correlations.