

Liaison between myristoylation and cryptic EF-hand motif confers Ca^{2+} sensitivity to neuronal
calcium sensor-1

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Supplementary Information

Supplementary figure S1. 2D [¹⁵N,¹H] HSQC spectra of non-myristoylated KG and KCPG mutants in the Ca^{2+} (a and b) and Mg^{2+} (c and d) bound form. Spectra demonstrate that both KG and KCPG mutants (n non-myristoylated form) are properly folded in Ca^{2+} bound form and chemical shift dispersion is of similar quality. Mg^{2+} to some extent also increased the dispersion, but not up to the level by Ca^{2+} . This dispersion by Ca^{2+} is not seen in myristoylated mutants (refer to Figure 4).

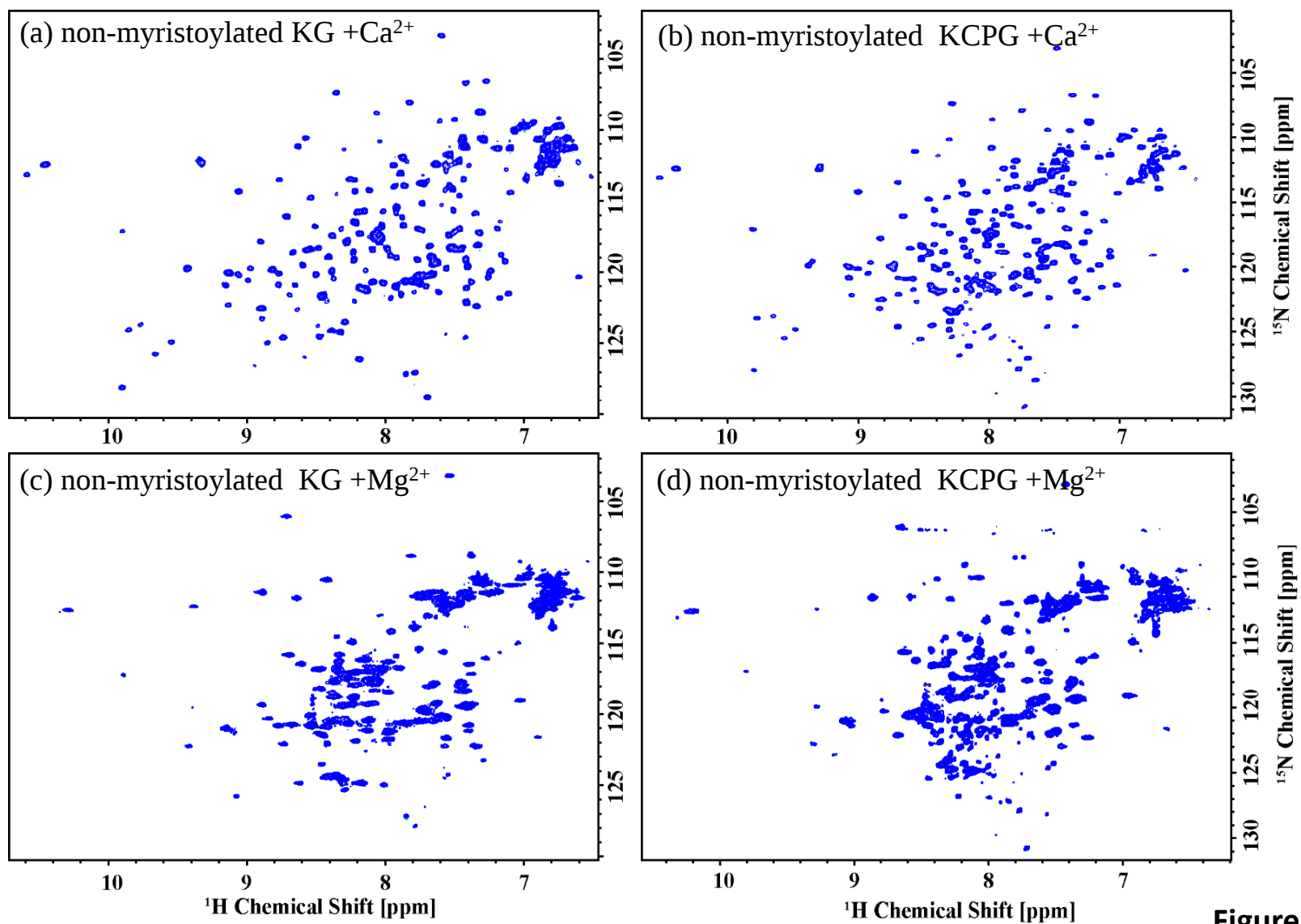


Figure S1