Figure S9. Histograms of normalized $^1$H-$^{15}$N chemical shift changes vs. residue number calculated from the HSQC spectra for Ca$^{2+}$/CaM-N and Ca$^{2+}$/CaM-C complexes with Fas-Pep1 and Fas-Pep2. Notice that significant differences in chemical shift changes are observed upon binding of Ca$^{2+}$/CaM-N or Ca$^{2+}$/CaM-C to both peptides. For example, signals corresponding to the N-terminal residues of Ca$^{2+}$/CaM-N (first 15 amino acids) exhibited substantial chemical shift changes upon binding of Fas-Pep1 (panel A). However, the $^1$H-$^{15}$N signals corresponding to these residues were less sensitive to binding of Fas-Pep2 (panel B). Likewise, significant differences also exist in Ca$^{2+}$/CaM-C residues perturbed upon binding of Fas-Pep1 vs. Fas-Pep2. Altogether, these results suggest that Fas-Pep1 and Fas-Pep2 bind to both of Ca$^{2+}$/CaM-N and Ca$^{2+}$/CaM-C, and that the binding mode of these peptides may be different.