



Figure S2. Far-UV CD spectra obtained for FasDD peptides, $\text{Ca}^{2+}/\text{CaM}$ and their complexes. The CD spectra of the free peptides display a negative band at ~ 200 nm consistent with a random coil whereas that of the $\text{Ca}^{2+}/\text{CaM}$ protein shows two minima at 208 and 222 nm, consistent with an α -helical structure. The CD spectra of the complexes are similar to those of $\text{Ca}^{2+}/\text{CaM}$ with features distinctive of an α -helical type.