



**Fig S5. Human S100 orthologs exhibit different structural changes in response to  $\text{Zn}^{2+}$  and  $\text{Ca}^{2+}$ .** Curves are far-UV CD spectra (mean molar ellipticity vs. wavelength). Colors represent metal: apo (black),  $\text{Zn}^{2+}$  (gray), and  $\text{Ca}^{2+}$  (blue). Ortholog is indicated to the right of each spectrum.