Figure S4. Agenet Domain Binding to Methylated MLA Histone Substrates, Related to Figure 3

(A) In vitro pull-downs using FMRP-GST-Agenet domain and MLA histones carrying methyl lysine analogs at various sites.

(B–D) Equilibrium binding analysis of Agenet-FMRP interaction with MLA histone substrates using microscale thermophoresis (MST). Independent binding reactions were performed a minimum of three times. Data points were plotted with the x axis representing nM concentration of modified histone proteins and y axis representing ΔF_{Norm} [%], which is the reduction of fluorescence due to directed movement of molecules in a microscopic temperature gradient.