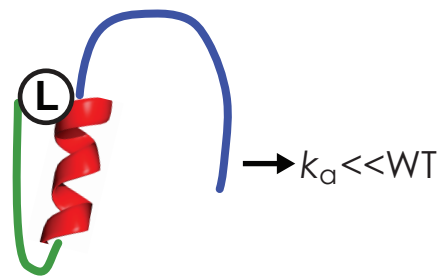Lock N-terminus to helix (K1:D23) — $k_a << $ WT — Structure **1**
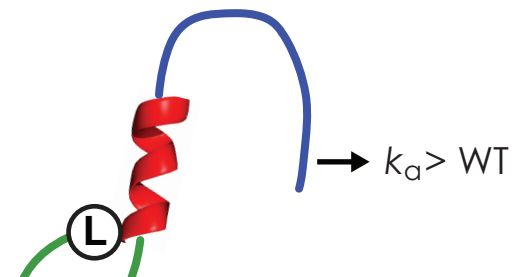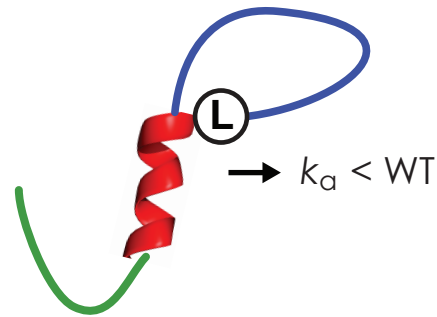
Block helix:N-terminus interactions (D1:K12) — $k_a > $ WT — Structure **2**
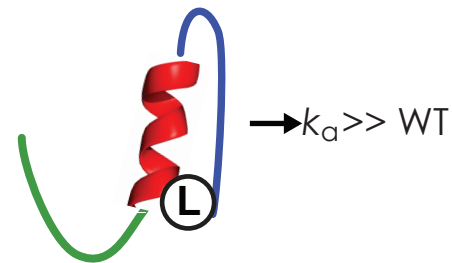
Block helix:C-terminus interactions (D23:K40) — $k_a < $ WT — Structure **3**

Lock C-terminus to helix (E11:K40) — $k_a >> $ WT — Structure **4**