

Table S3. Comparison of interhelical angles between K₁₉ and CRC-C to those between R₂₀ and CaM-C, and Helix D and Helices E-H of LC-HsCen2

	I/I' ^a	II/I'	III/I'	IV/I'
Ca ²⁺ -CaM-C-R ₂₀ (1CDL)	112.0	69.9	-80.8	-97.7
Ca²⁺-CRC-C-K₁₉ (1OQP)	93.1	61.5	-93.8	-96.2
Ca ²⁺ -LC-HsCen2 (1M39)	80.2	-27.2	-153.7	-77.7
^a Helices are defined as: (CRC-C) Helix I, 99-110; Helix II, 130-140; Helix III, 136-146; Helix IV, 156-165; (K19) Helix I', 5-15; (CaM-C) Helix I, 82-92; Helix II, 102-111; Helix III, 118-128, Helix IV, 138-146; (R20) Helix I', 3-18; (LC-HsCen2) Helix I (E), 105-113; Helix II (F), 123-132; Helix III (G), 139-148; Helix IV (H), 159-164; Helix I' (D) 86-94.				