Supplementary Fig. S3. SAXS spectra for control and indexing of the identified liquid-crystalline lipid phases. (A) Spectra for SUVs in buffer, individual peptides in buffer, and buffer-only controls. For improved visualization, spectra have been manually offset in the vertical direction by scaling each trace by a multiplicative factor. Linear regressions of indexed reflections for phases induced by **(B)** UL31[(22-42)], **(C)** UL31[(41-50)], **(D)** UL34[(174-194)], **(E)** UL31[(22-42)]/ UL34[(174-194)], and **(F)** UL31[(41-50)]/ UL34[(174-194)]. **(B–F)** Vertical dotted reference lines denote indexed reflections. Each plotted point corresponds to an indexed peak, with its associated lattice indicated by the marker symbol (circle = *Im3m* cubic, diamond = *Pn3m* cubic, triangle = hexagonal). Colors of each regression correspond to the same ch P/L values in Fig. 7. Calculated lattice parameters and NGC values for the identified phases are provided in Supplementary Fig. S4.