

Figure 1, supplement 2

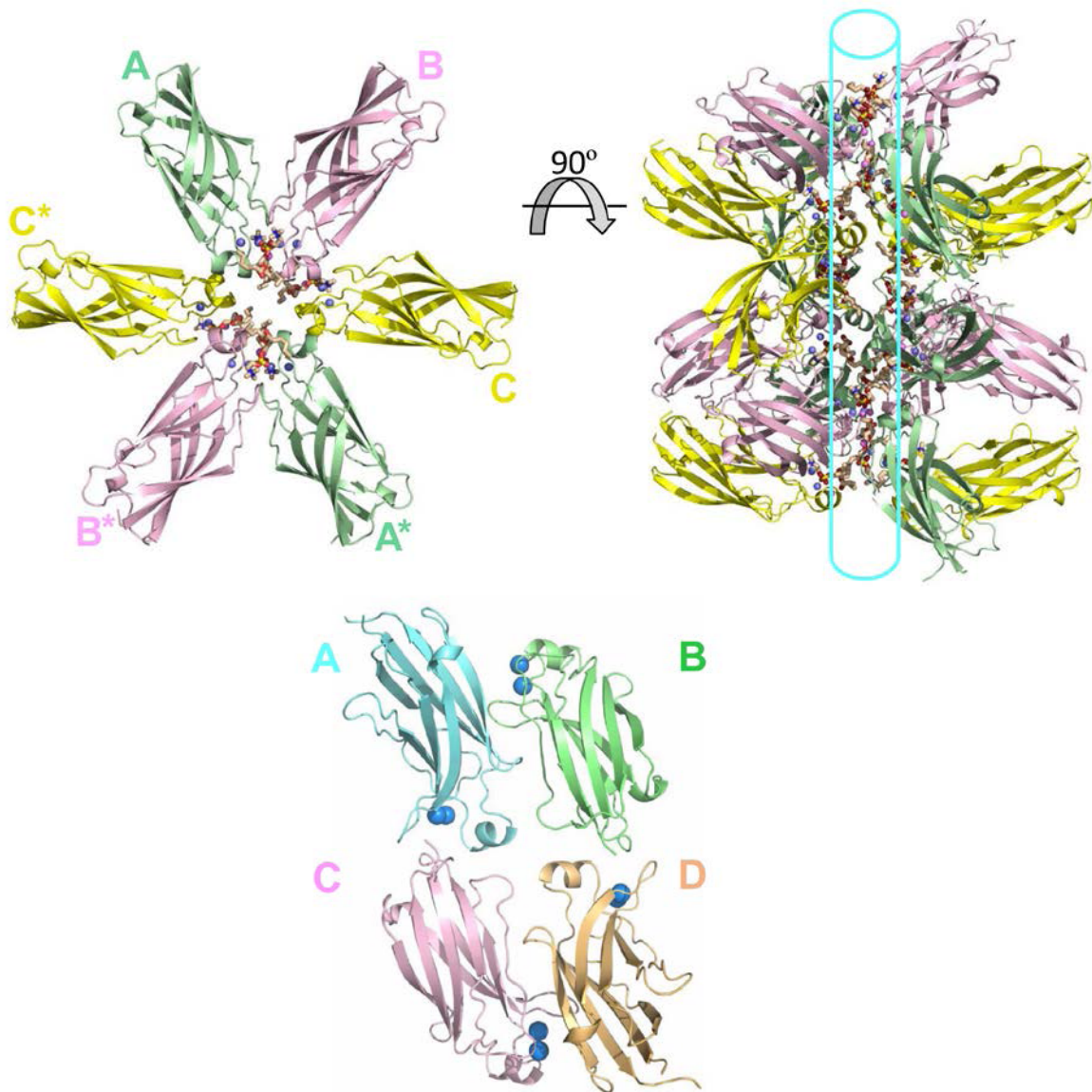


Figure 1-S2. Tubular topology formed in the crystal lattice of the cPLA₂ C2-domain/DHPC structural complex. **(Upper Left panel)** Cross-sectional view of three complexes of cPLA₂ C2-PC in the asymmetric unit (labeled A, B, C) and three complexes in the neighboring asymmetric unit (A*, B* and C*) that together form a ring-like structure. The hexanoyl acyl chains associated in one complex are separated from hexanoyl acyl chains in adjacent complexes by 4.9 to 7.2 Å. **(Upper Right panel)** Rotation by 90° reveals PC lipids packed into a ring-like topology that forms a tubular-like scaffold. **(Lower panel)** The crystal packing lattice of lipid-free human cPLA2α C2-domain (PDB: 1RLW). The incorporated Ca²⁺ is shown in blue spheres. Protomer A packs with protomers B and C, but not with protomer D.