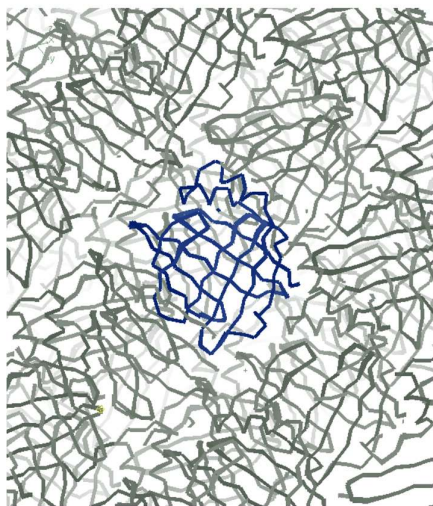
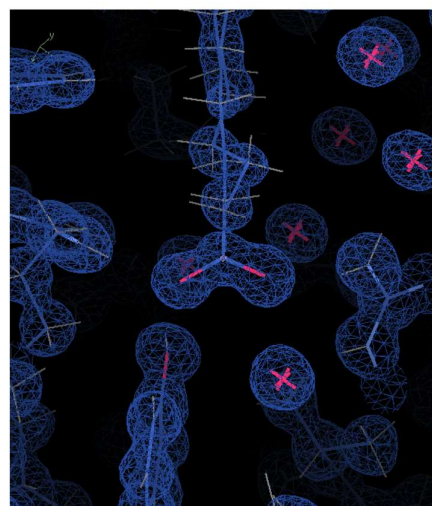
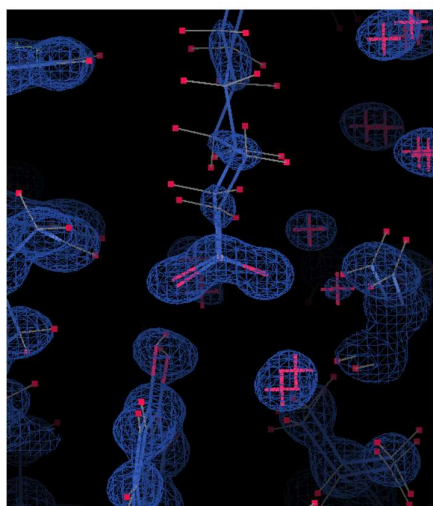
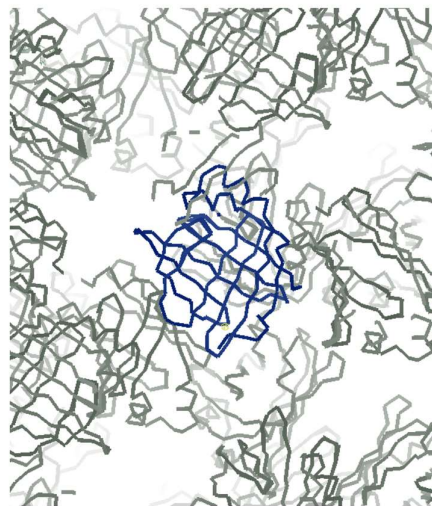


Supplementary Figure S1. Comparison of CD spectra for d-P2 (black) and h-P2 (red).

d-P2 0.74 Å



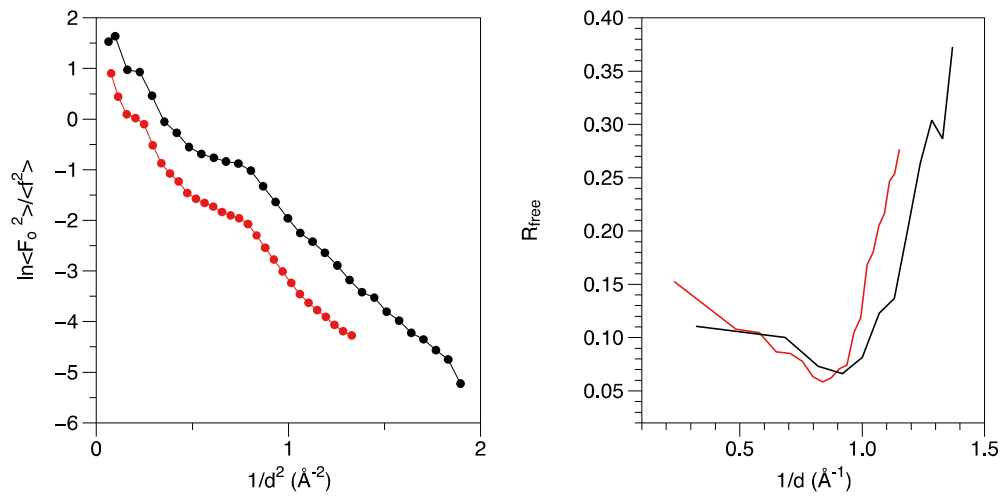
h-P2 0.86 Å



Supplementary Figure S2. Comparison of crystal packing and disorder.

Top: crystal packing visualized for the crystal forms of d-P2 and h-P2 indicate much tighter packing for d-P2. The blue molecule representing the asymmetric unit is in the same orientation in both panels.

Bottom: The binding site for the fatty acid ligand is more disordered in d-P2. The map is the final 2F_o-F_c map at 1.5 σ level.



Supplementary Figure S3. Wilson (left) and Luzzati (right) plots for d-P2 (black) and h-P2 (red).