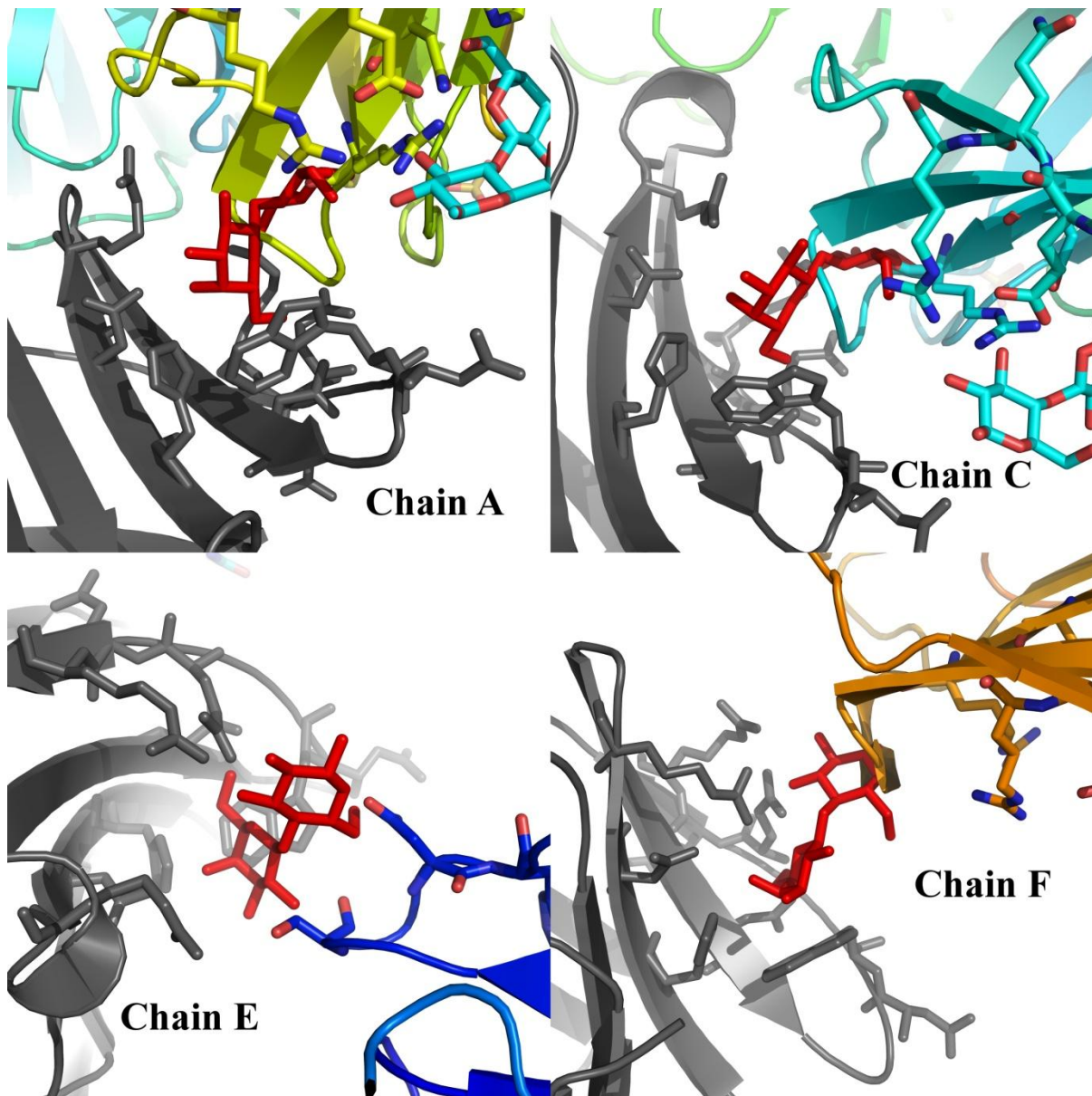


Supplementary Material



Supplementary Figure S1. Interaction with symmetry related molecules prevents lactose binding in 4 of the 6 binding sites available in the asymmetric unit of the CG-2 crystals. Chains A, C, E and F (in grey) form crystallographic contacts with the symmetry related molecules of chains D, B, A and E (in color), respectively. A lactose molecule (in red) is shown in the bound geometry in order to illustrate the steric clashes.