



Figure 5. Packing of CA₁₅₁ in the Crystal

(A) Planar strip of CA₁₅₁ molecules in the crystal. Orientation is the same as in Figure 1C. Four CA₁₅₁ molecules in the center are colored as in Figure 1. The two repeating 2-fold symmetric interactions between CA₁₅₁ molecules, interfaces 1 and 2, are indicated. The additional smaller interface generated by translational symmetry is indicated with a yellow arrow. White arrows indicate orientations of (B) and (C).

(B) Interface 1 is created by the parallel packing of helix 7 from adjacent CA₁₅₁ molecules. Residues that lose more than 20 Å² of accessible surface area upon complex formation are shown explicitly. Color coding is the same as in Figure 1. Aliphatic portions of the two Arg-132 side chains are in van der Waals contact with each other, while the guanidinium groups participate in a charged interaction with the side chain of Glu-128 (not shown).

(Figure 5 legend continued on next page)