## Supplementary materials

Fig-S1: Ramachandran plot. $83.2 \%$ of residues are in the most favored regions and $16.8 \%$ are in additional allowed regions. Glycine residues are shown as triangles.

## Ramachandran Plot



Fig-S2: (a) trimers A and C; (b) trimers D and E; (c) trimers B and F. The figures are viewed down the crystallographic $a^{*}$ axis and the protein molecules are drawn in $\mathrm{C} \alpha$ tracing.


(c)

