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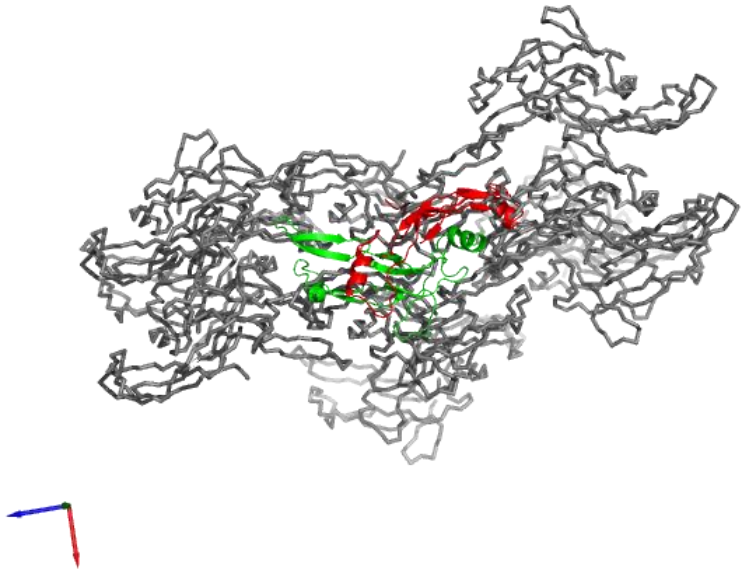
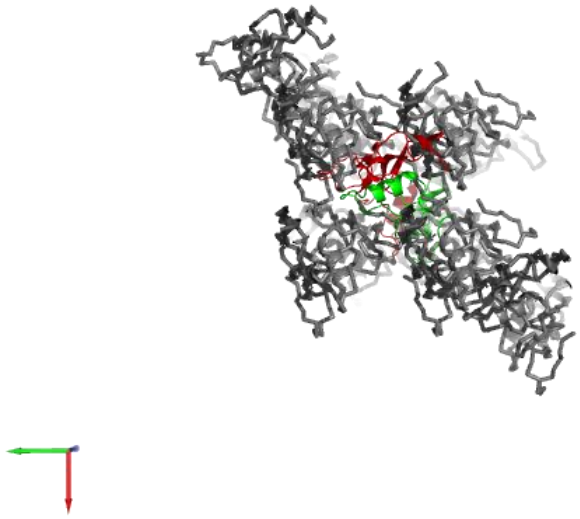
Supporting information for article:

Structure of human GDF11

Anil K. Padyana, Bhamini Vaidialingam, David B. Hayes, Priyanka Gupta, Michael Franti and Neil A. Farrow



(a)



(b)

Figure S1 Observed crystal packing. Each dimer in the asymmetric unit is shown as green and red cartoons. (*a*) Symmetry-related molecules proximal to the asymmetric unit. Symmetry-related molecules are represented as grey ribbons. Molecules in front of the asymmetric unit in this view are removed for clarity. (*b*) Symmetry-related molecules proximal to the dimer shown at left in Fig. S1 (*a*). Molecular orientation rotated 90° relative to Fig. S1 (*a*).

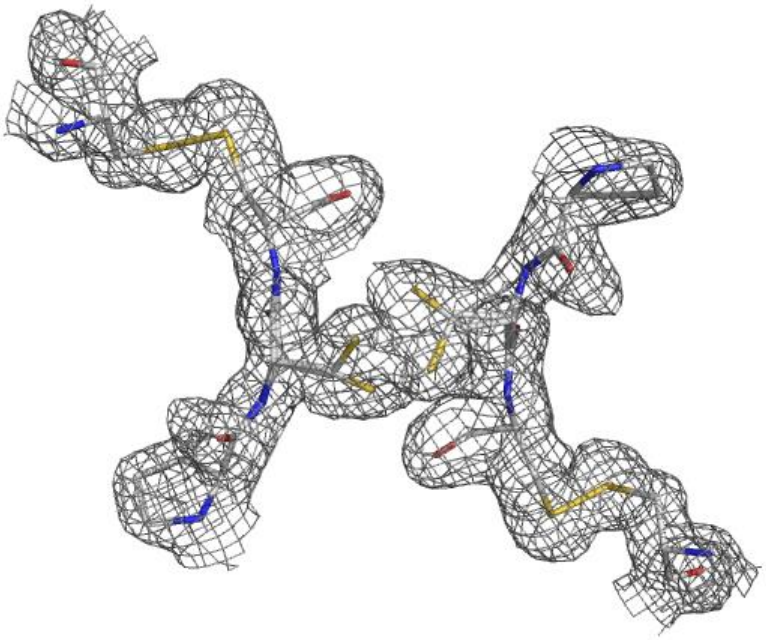


Figure S2 Electron density of residues proximal to the putative disulphide bond between the two monomers within the physiologic dimer. The $2F_o$-F_c map is shown at 0.95σ for residues Pro72, Cys73, Cys74 and Cys15. For comparison, an intramolecular disulphide bond between Cys74 and Cys15 is also shown. The map clearly shows two alternative conformations for Cys73. In contrast, the density reflects a single conformation for the sidechains of Cys74 and Cys15.