



S11 Fig. Crystal contacts in the *mm* PCDH24 EC1-3 structure. (A) Crystal contacts show a potential *cis* trimer formed by three parallel monomers. The interface area between two monomers is 1352.6 Å². Two monomers are shown as ribbons while the third one is shown in molecular surface representation. (B) Detail of trimer seen from EC1 (top) shows that the extended N-terminal strands interlace between monomers. (C) Crystal contacts show an antiparallel *trans* dimer with an interface area of 1221.2 Å². (D) Taken together, the potential *cis* and *trans* interfaces form a large complex with two *cis* trimers forming an antiparallel *trans* dimer.