



**Supplementary Fig. 1.** ActVA-Orf6 monooxygenase dimer (monomer A: blue; monomer B: red) with nanaomycin D bound to subunit A. The side chains of Gln37, Tyr51, Asn62, Trp66, Tyr72 and Arg86 are also shown. **(A)** same orientation of Figure 5C. **(B)** same orientation of Figure 5D.