Structure *16*

Supplemental Data

Structural Characterization of the Type-III

Pilot-Secretin Complex from *Shigella flexneri*

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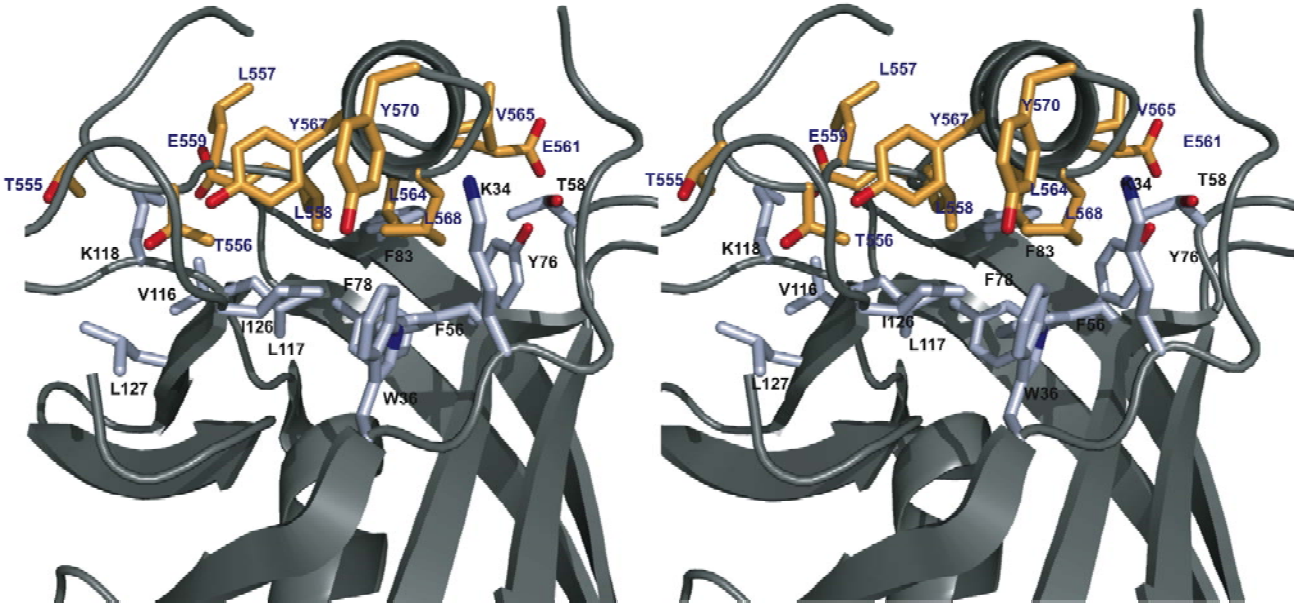

Figure S1. A Close-Up View of the MxiM$^{28\text{-}142}$/MxiD$^{553\text{-}570}$ Interface, Shown in Divergent Stereo

MxiM sidechains are depicted in white (with a blue tint) and MxiD residues are colored orange (oxygen red, nitrogen blue). Residues involved in the interaction are labeled in black (MxiM) and blue (MxiD).

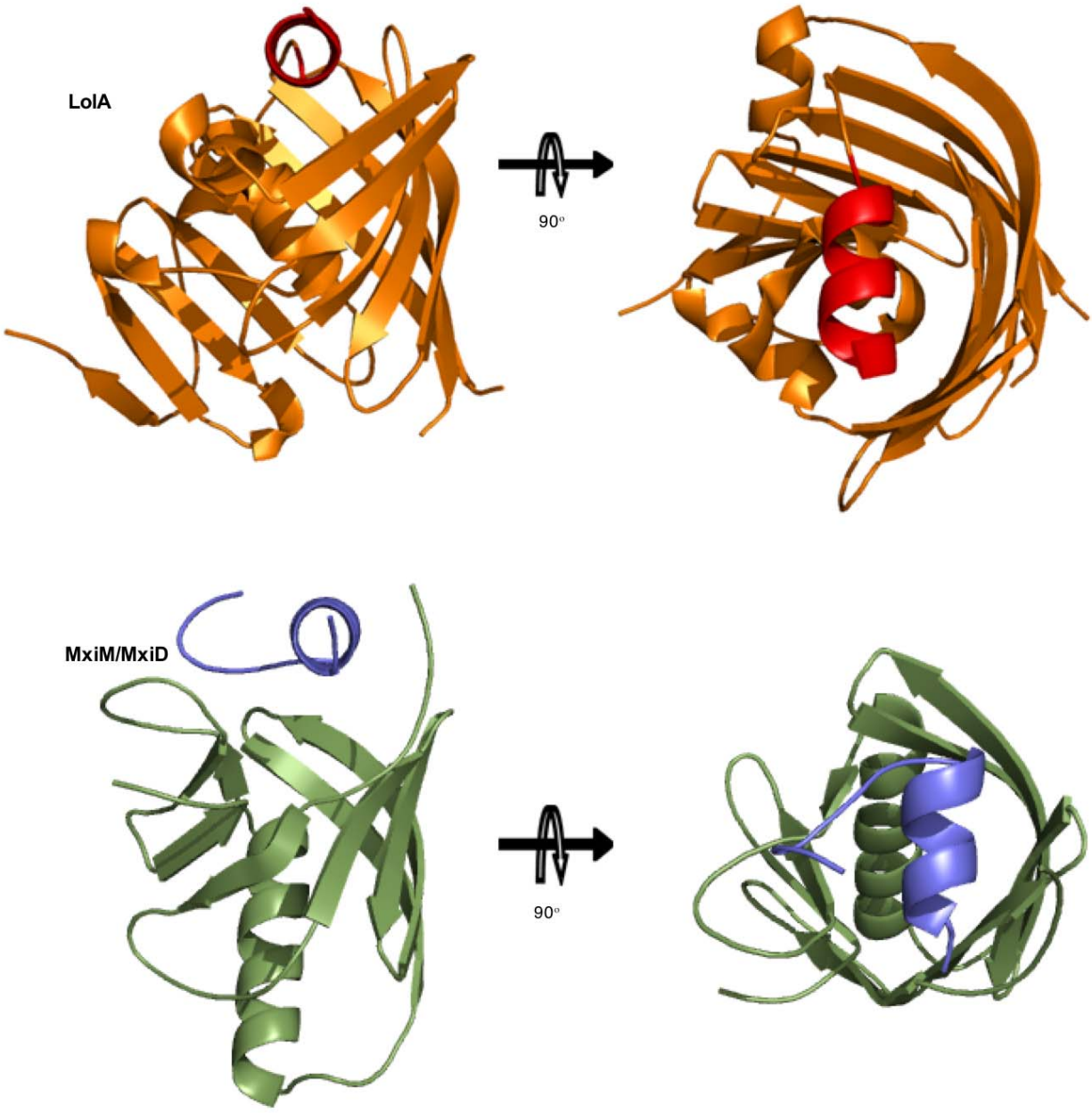

Figure S2. Comparison of LolA with MxiM$^{28\text{-}142}$/MxiD$^{553\text{-}570}$
The structures are represented as ribbons with LolA in orange and its N-terminal helix in red, and with MxiM$^{28\text{-}142}$ in green with MxiD$^{553\text{-}570}$ in blue. Panel B is in the same orientation as in Figures 4A and 4B of the main text. The coordinates of LolA (1UA8.pdb) and MxiM$^{28\text{-}142}$/MxiD$^{553\text{-}570}$ (this study) were aligned using SSM in Coot.

Supplemental References

Emsley, P., and Cowtan, K. (2004) Coot: model-building tools for molecular graphics. Acta Crystallogr. D Biol. Crystallogr. *60*, 2126-2132.

Krissinel, E., and Henrick, K. (2004) Secondary-structure matching (SSM), a new tool for fast protein structure alignment in three dimensions. Acta Crystallogr. D Biol. Crystallogr. *60*, 2256-2268.