Appendix for: "The structure of fly Teneurin-m reveals an asymmetric self-assembly that allows expansion into zippers"

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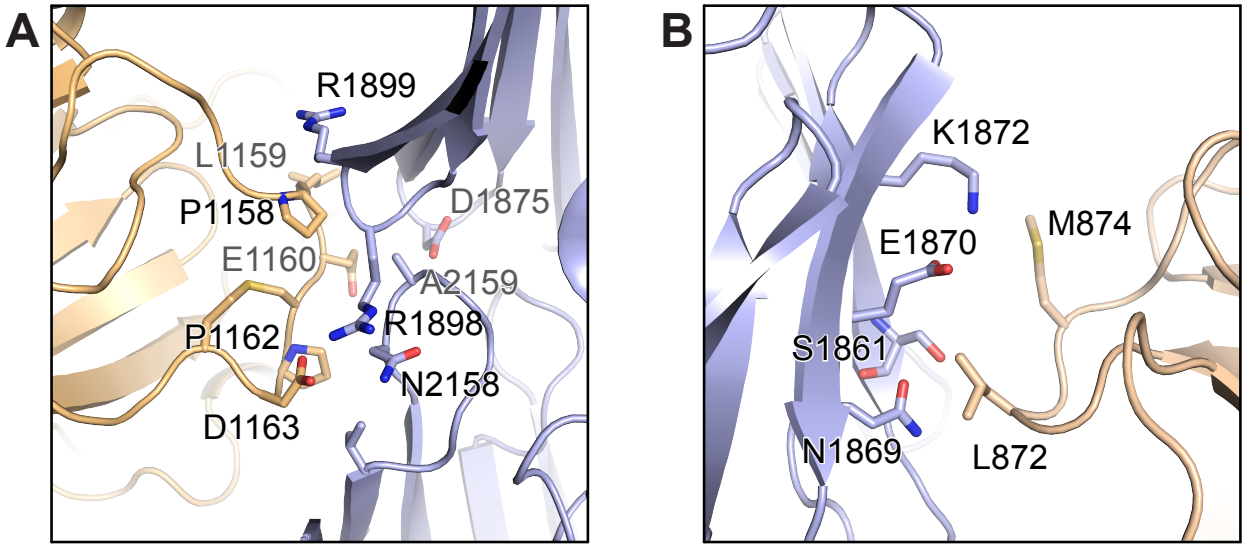
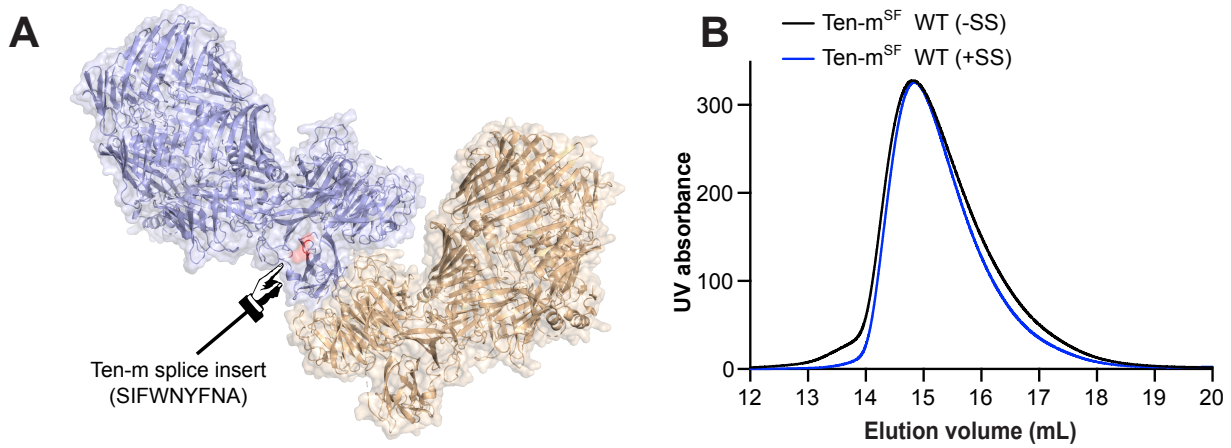


Appendix Figure S1: Crystal contacts within the Ten-m structure. Using PDB ePISA, major contact interfaces were identified within the Ten-m crystal packing. The largest interface is the one depicted in the manuscript as the putative Ten-m self-association interface. The next two largest interfaces are depicted. Neither interface is large or well conserved, so they were not studied further.

A. 420 Å^2 is buried from solvent in this interface.

B. 150 Å^2 is buried from solvent in this interface.



Appendix Figure S2: The presence of an alternatively spliced sequence in the TTR domain does not disrupt the observed Ten-m dimer in solution.

A. The Ten-m dimer is shown in a cartoon representation. Each monomer is colored differently, and the loop region which the alternatively spliced sequence (SIFWNYFNA) would insert into is highlighted in pink, with a pointer emphasizing its location.

B. SEC chromatograms with A_{280} plotted vs. elution volume show that the presence of the alternatively spliced sequence does not shift the elution volume of Ten-m. SEC experiments were performed with N=1.