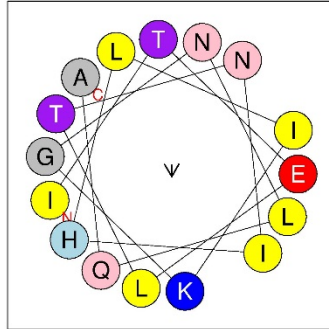
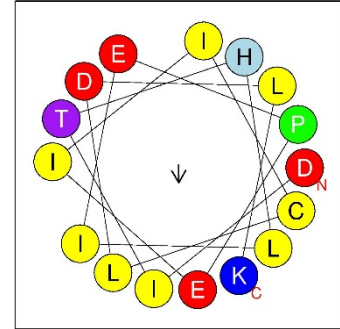


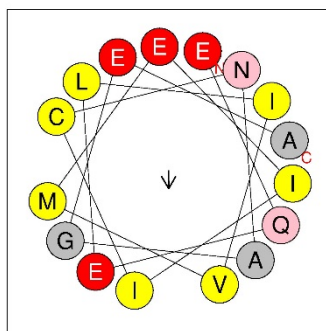
**EIIA<sup>Glc</sup>**  
 $\mu\text{H}$  0.442



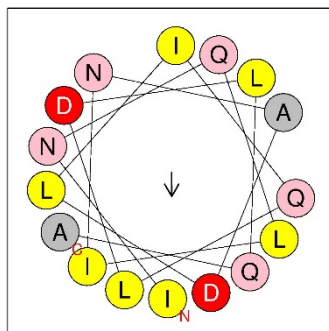
**VC1820 (A)**  
 $\mu\text{H}$  0.089



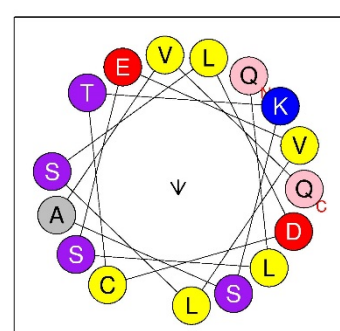
**VC1822 (ABC)**  
 $\mu\text{H}$  0.142



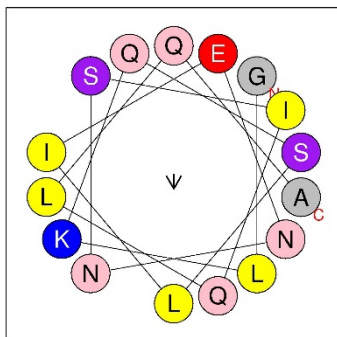
**VC1283 (A)**  
 $\mu\text{H}$  0.143



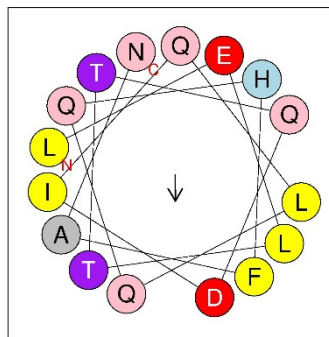
**VC1826 (ABC)**  
 $\mu\text{H}$  0.190



**VC2531 (A)**  
 $\mu\text{H}$  0.113



**VCA0245 (A)**  
 $\mu\text{H}$  0.109



**VCA0518 (A FPr)**  
 $\mu\text{H}$  0.204

**Fig S1: The hydrophobic moment of the N-terminus of EIIA<sup>Glc</sup> is larger than that of other solo EIIA or EIIABC homologs of *V. cholerae*.** Helical wheel projections of the first 16 amino acids of all *V. cholerae* EIIA homologs that are either alone or found at the N-terminus of a protein. Hydrophobic residues are shown in yellow. The central arrows indicate the magnitude and direction of the hydrophobic moment. The PTS Enzyme II domains found in each protein are indicated in parentheses, and the hydrophobic moment ( $\mu\text{H}$ ) is shown below. Projections were generated with the HeliQuest software.