

Output Messages

Single TM helix:
Lowest energy helix-coil partition
Helix: 1 - 21, Stability: -23.5 (-15.2) kcal/mol
Helix 1: 1- 21 LLLLYWLLTILVALLLSLILI
TM segments: 1(2- 20)
transfer energy = -22.7 kcal/mol; thickness/depth = 31.2+- 4.2 tilt = 28.+ - 2.
Aa seq. for dimer: LLLLYWLLTILVALLLSLILI
TM segment for dimer: 1 21

Model # 1 DGasc= -5.3 kcal/mol, DGstb= -9.0 kcal/mol, Easc= -28.6 kcal/mol, Rasym=0.1 Å
Interhelix distance =10.5 Å, Angle = 12.
Key helix-helix interface residues () :
LLLLY(W)LL(T)ILV(A)LL(L)SLILI

GLMOL Visualization

Model 1						
L L L L Y W L L T I L V A L L L S L I L I						
. W . . T . . . A . . L						
Model	ΔG_{asc}	ΔG_{stb}	E_{asc}	R_{asym}	Distance	Angle
	kcal/mol	kcal/mol	kcal/mol	Å	Å	Degrees
1	-5.3	-9.0	-28.6	0.1	10.5	12.0

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